

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132524.D
 Acq On : 23 Feb 2023 17:08
 Operator : CG\JU
 Sample : 01657-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MSD

Quant Time: Feb 24 00:38:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/24/2023
 Supervised By : Jagrut Upadhyay 02/24/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	172340	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	660041	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	366933	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	694008	20.000	ng	0.00
76) Chrysene-d12	14.213	240	331401	20.000	ng	0.00
86) Perylene-d12	15.760	264	347220	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1085042	102.181	ng	0.01
7) Phenol-d6	6.643	99	1426254	102.916	ng	0.00
23) Nitrobenzene-d5	7.578	82	954012	68.575	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	417091	105.254	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1536383	63.755	ng	0.00
79) Terphenyl-d14	13.142	244	1711024	87.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.984	88	252981	43.069	ng	99
3) Pyridine	3.731	79	642338	41.198	ng	99
4) n-Nitrosodimethylamine	3.696	42	285711	48.513	ng	99
6) Aniline	6.672	93	676518	36.274	ng	99
8) 2-Chlorophenol	6.796	128	563965	51.172	ng	99
9) Benzaldehyde	6.560	77	330853	44.243	ng	96
10) Phenol	6.654	94	740721	46.620	ng	98
11) bis(2-Chloroethyl)ether	6.743	93	599741	48.896	ng	97
12) 1,3-Dichlorobenzene	6.948	146	586781	49.614	ng	97
13) 1,4-Dichlorobenzene	7.025	146	582823	49.352	ng	98
14) 1,2-Dichlorobenzene	7.178	146	564390	49.798	ng	98
15) Benzyl Alcohol	7.154	79	537865	50.395	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.278	45	782031	49.999	ng	96
17) 2-Methylphenol	7.260	107	469721	45.668	ng	99
18) Hexachloroethane	7.525	117	234252	50.773	ng	95
19) n-Nitroso-di-n-propyla...	7.425	70	399109	46.794	ng	98
20) 3+4-Methylphenols	7.413	107	545483	41.050	ng	95
22) Acetophenone	7.419	105	741391	44.546	ng	# 94
24) Nitrobenzene	7.595	77	670953	45.095	ng	95
25) Isophorone	7.831	82	1215307	45.564	ng	98
26) 2-Nitrophenol	7.913	139	304882	46.443	ng	98
27) 2,4-Dimethylphenol	7.943	122	472785	45.631	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	714407	45.787	ng	100
29) 2,4-Dichlorophenol	8.154	162	475038	46.091	ng	98
30) 1,2,4-Trichlorobenzene	8.237	180	523026	46.734	ng	98
31) Naphthalene	8.319	128	1498255	44.340	ng	99
32) Benzoic acid	8.072	122	359292m	44.325	ng	
33) 4-Chloroaniline	8.360	127	169135	11.681	ng	97
34) Hexachlorobutadiene	8.431	225	340846	47.928	ng	99
35) Caprolactam	8.754	113	166386m	48.968	ng	
36) 4-Chloro-3-methylphenol	8.854	107	537519	47.489	ng	98
37) 2-Methylnaphthalene	9.013	142	1011445	43.923	ng	99
38) 1-Methylnaphthalene	9.113	142	932696	43.341	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	539152	44.910	ng	99
41) Hexachlorocyclopentadiene	9.166	237	640387	98.347	ng	98
43) 2,4,6-Trichlorophenol	9.290	196	372584	45.795	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132524.D
 Acq On : 23 Feb 2023 17:08
 Operator : CG\JU
 Sample : 01657-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/24/2023
 Supervised By : Jagrut Upadhyay 02/24/2023

Quant Time: Feb 24 00:38:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.337	196	408645	43.035	ng	98
46) 1,1'-Biphenyl	9.478	154	1216535	43.803	ng	99
47) 2-Chloronaphthalene	9.507	162	992541	45.076	ng	99
48) 2-Nitroaniline	9.601	65	352982	43.525	ng	100
49) Acenaphthylene	9.925	152	1525030	43.517	ng	99
50) Dimethylphthalate	9.778	163	1208591	45.236	ng	100
51) 2,6-Dinitrotoluene	9.842	165	275472	45.274	ng	98
52) Acenaphthene	10.095	154	1088680m	48.924	ng	
53) 3-Nitroaniline	10.013	138	171891	25.254	ng	99
54) 2,4-Dinitrophenol	10.119	184	307968	80.312	ng	92
55) Dibenzofuran	10.266	168	1407739	43.394	ng	97
56) 4-Nitrophenol	10.184	139	422815	83.298	ng	95
57) 2,4-Dinitrotoluene	10.248	165	371445	45.887	ng	97
58) Fluorene	10.613	166	1094119	44.093	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.384	232	333263	47.246	ng	99
60) Diethylphthalate	10.478	149	1192703	45.709	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	563199	43.751	ng	97
62) 4-Nitroaniline	10.636	138	283048	42.365	ng	97
63) Azobenzene	10.760	77	1324600	47.932	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	213108	45.361	ng	98
66) n-Nitrosodiphenylamine	10.719	169	973324	44.986	ng	100
67) 4-Bromophenyl-phenylether	11.095	248	363819	46.345	ng	97
68) Hexachlorobenzene	11.160	284	402316	48.704	ng	# 90
69) Atrazine	11.248	200	338831	50.163	ng	98
70) Pentachlorophenol	11.360	266	412313	83.895	ng	98
71) Phenanthrene	11.583	178	1609630	44.770	ng	99
72) Anthracene	11.636	178	1635832	44.184	ng	100
73) Carbazole	11.789	167	1460205	43.744	ng	100
74) Di-n-butylphthalate	12.107	149	1823037	46.559	ng	100
75) Fluoranthene	12.778	202	1671904	42.538	ng	98
77) Benzidine	12.895	184	593397	73.556	ng	99
78) Pyrene	13.007	202	1662980	55.193	ng	100
80) Butylbenzylphthalate	13.613	149	627936	52.812	ng	95
81) Benzo(a)anthracene	14.201	228	1145012	46.177	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	195672	26.766	ng	# 98
83) Chrysene	14.236	228	1064833	45.923	ng	99
84) Bis(2-ethylhexyl)phtha...	14.172	149	766170	52.455	ng	100
85) Di-n-octyl phthalate	14.795	149	1122499	52.590	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1261336	55.440	ng	99
88) Benzo(b)fluoranthene	15.301	252	1028931	44.219	ng	99
89) Benzo(k)fluoranthene	15.330	252	1007203	44.228	ng	98
90) Benzo(a)pyrene	15.695	252	943960	43.345	ng	100
91) Dibenzo(a,h)anthracene	17.395	278	1033684	55.763	ng	97
92) Benzo(g,h,i)perylene	17.865	276	1054625	50.264	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

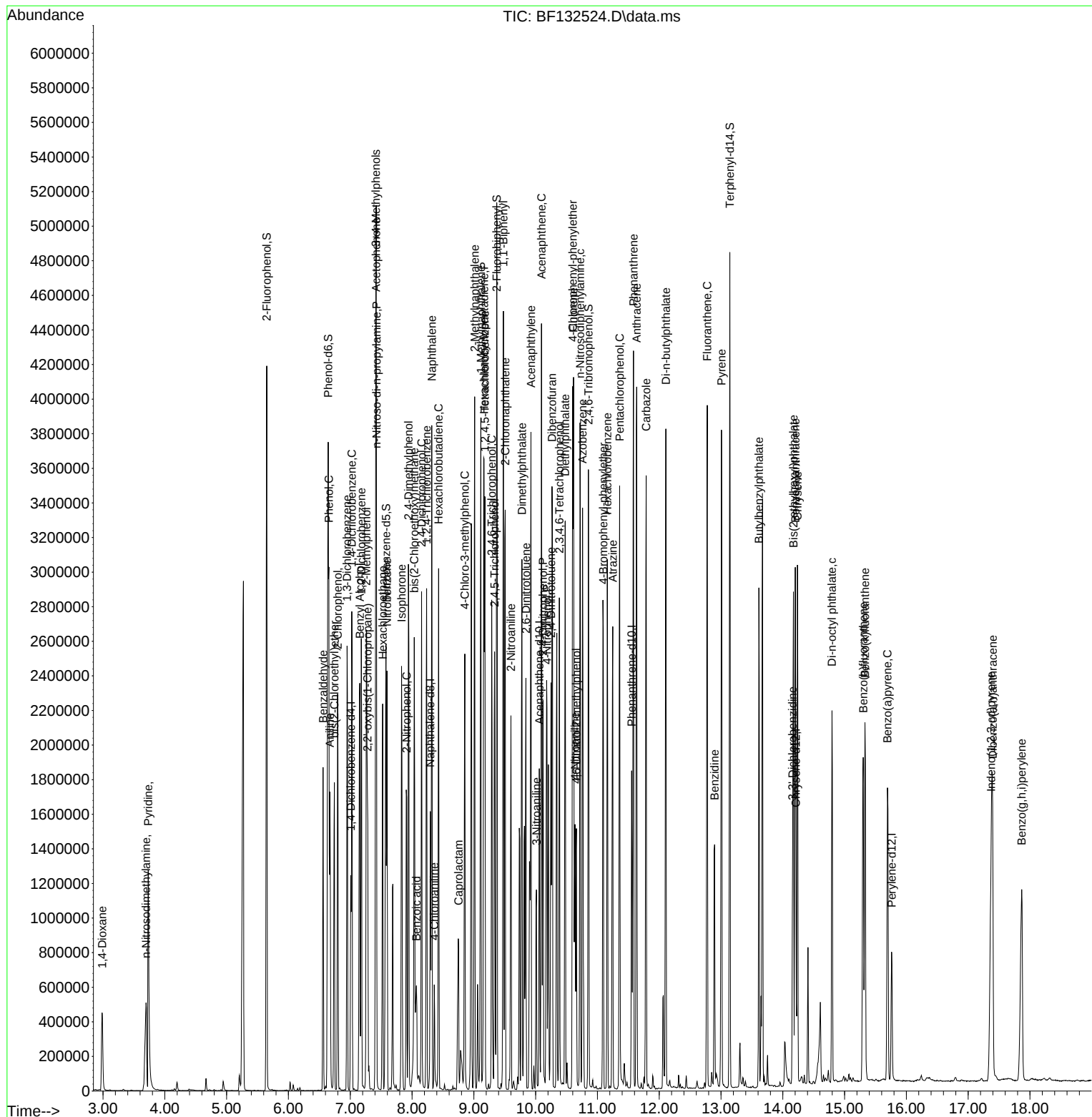
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132524.D
 Acq On : 23 Feb 2023 17:08
 Operator : CG\JU
 Sample : 01657-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

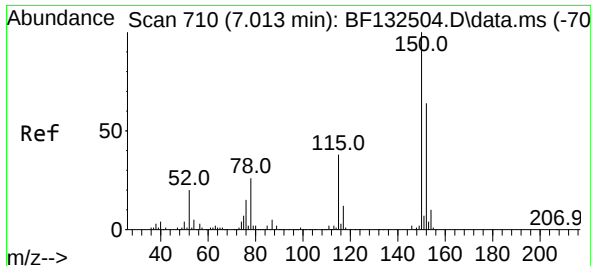
Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MSD

Quant Time: Feb 24 00:38:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

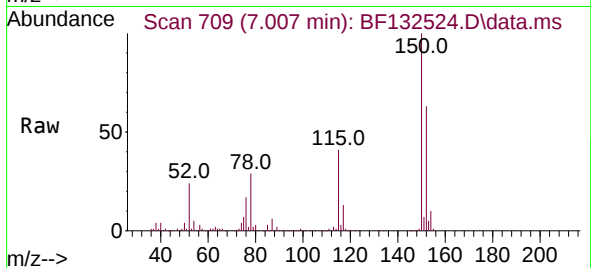
Reviewed By : Christian Giraldo 02/24/2023
 Supervised By : Jagrut Upadhyay 02/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

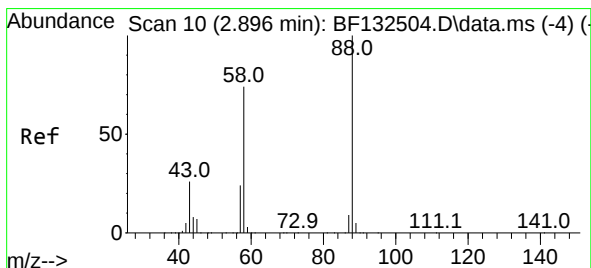
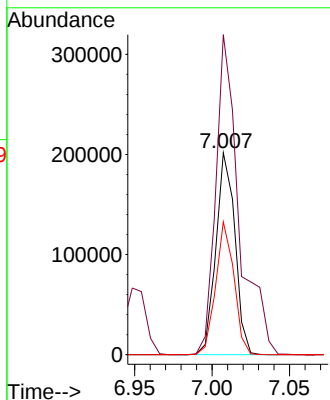
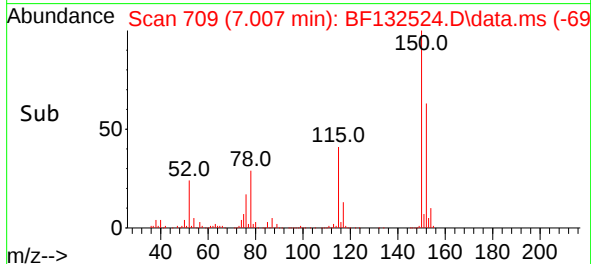
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:152 Resp: 172340
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.2
115 65.8 47.8 71.6

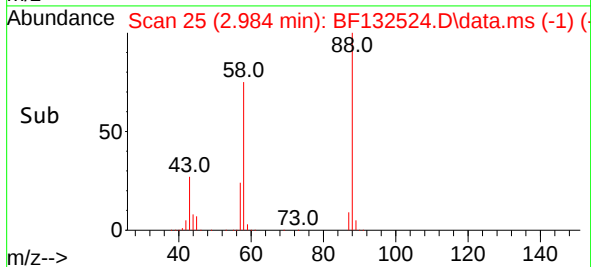
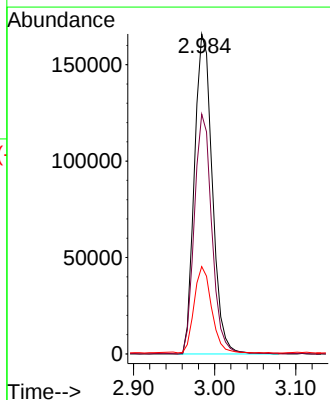
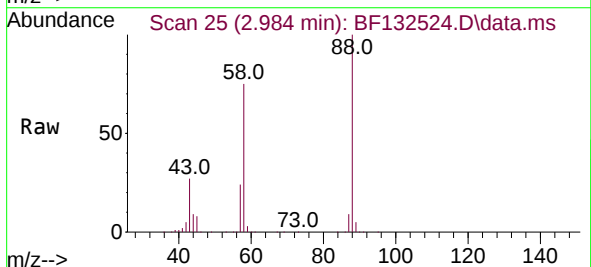
Manual Integrations
APPROVED

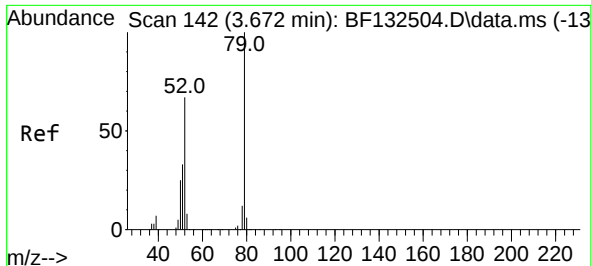
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#2
1,4-Dioxane
Concen: 43.069 ng
RT: 2.984 min Scan# 25
Delta R.T. 0.088 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

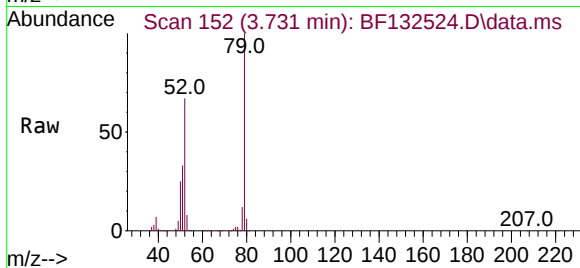
Tgt Ion: 88 Resp: 252981
Ion Ratio Lower Upper
88 100
58 73.5 58.3 87.5
43 26.2 20.7 31.1





#3
Pyridine
Concen: 41.198 ng
RT: 3.731 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

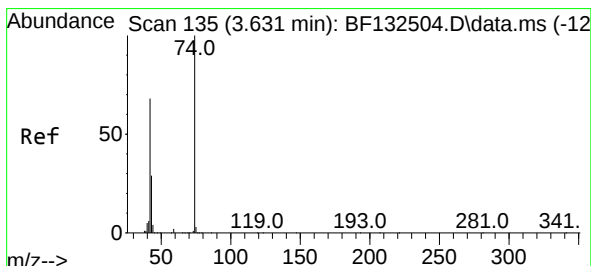
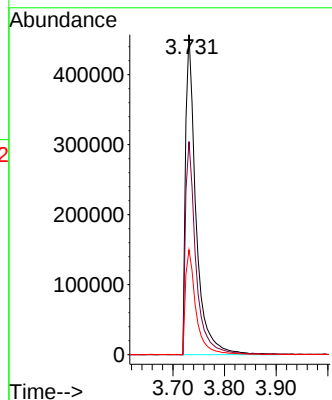
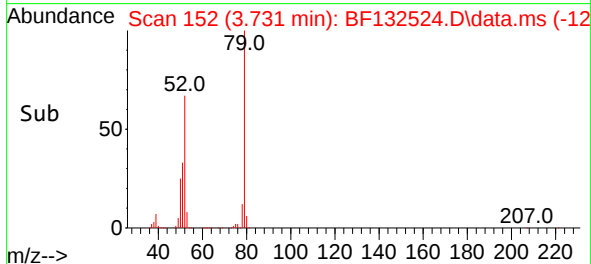
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



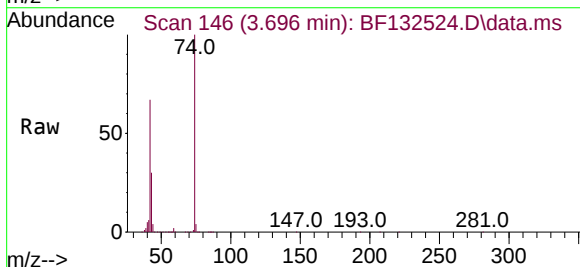
Tgt Ion: 79 Resp: 642338
Ion Ratio Lower Upper
79 100
52 66.6 53.7 80.5
51 32.7 26.6 40.0

Manual Integrations
APPROVED

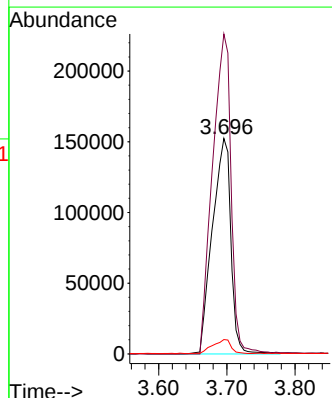
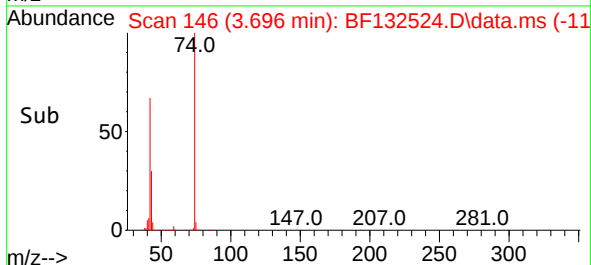
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

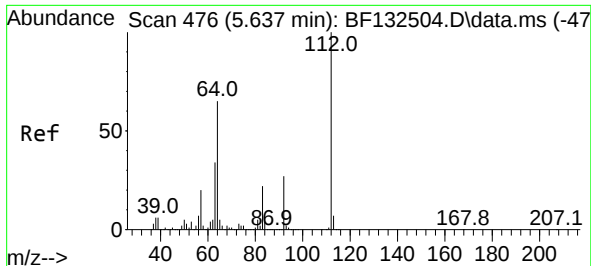


#4
n-Nitrosodimethylamine
Concen: 48.513 ng
RT: 3.696 min Scan# 146
Delta R.T. 0.065 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



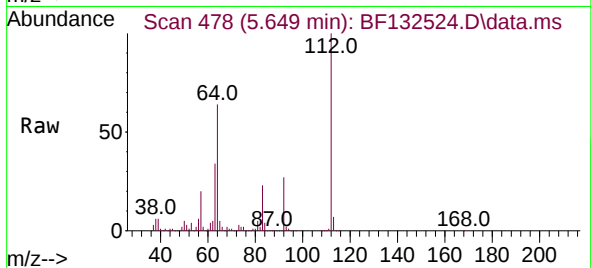
Tgt Ion: 42 Resp: 285711
Ion Ratio Lower Upper
42 100
74 148.5 118.2 177.2
44 6.7 5.3 7.9





#5
2-Fluorophenol
Concen: 102.181 ng
RT: 5.649 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

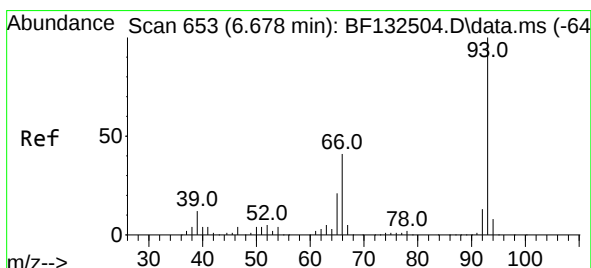
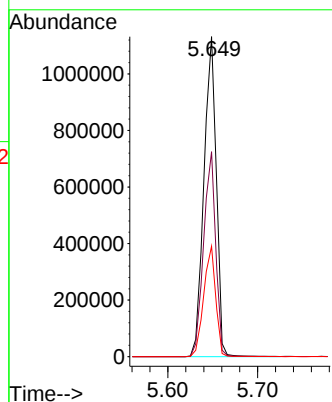
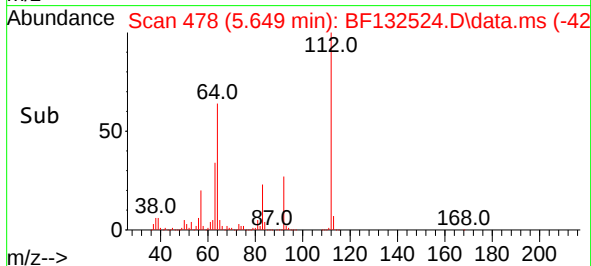
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion: 112 Resp: 108504
Ion Ratio Lower Upper
112 100
64 64.0 51.6 77.4
63 34.5 27.4 41.2

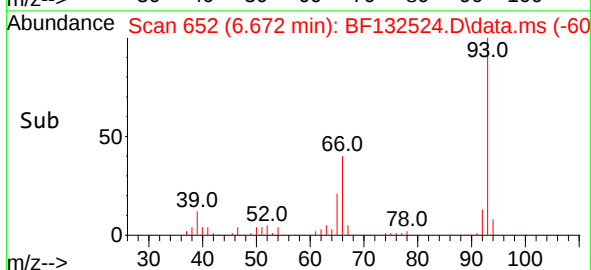
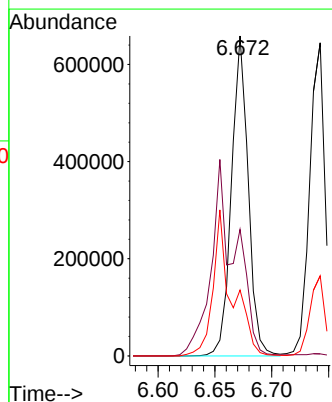
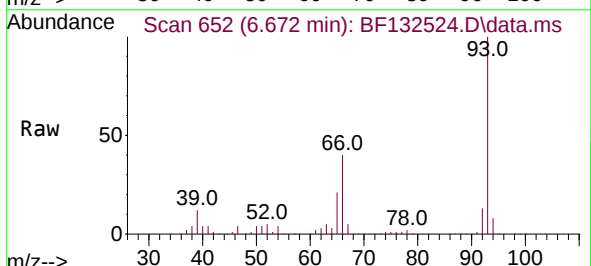
Manual Integrations
APPROVED

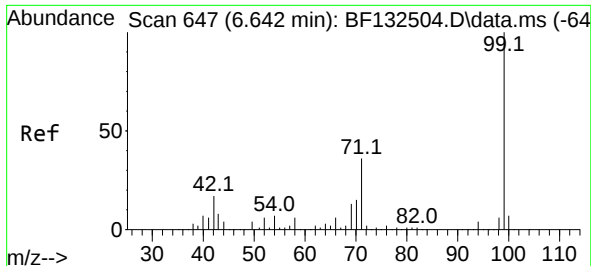
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#6
Aniline
Concen: 36.274 ng
RT: 6.672 min Scan# 652
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

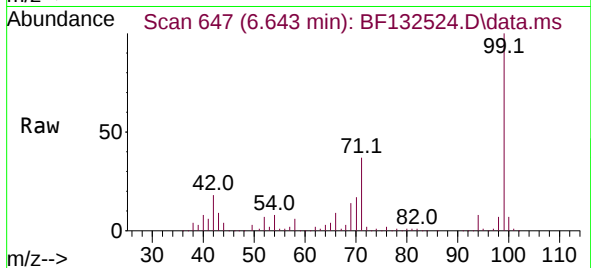
Tgt Ion: 93 Resp: 676518
Ion Ratio Lower Upper
93 100
66 39.5 32.5 48.7
65 20.6 16.6 24.8





#7
Phenol-d6
Concen: 102.916 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

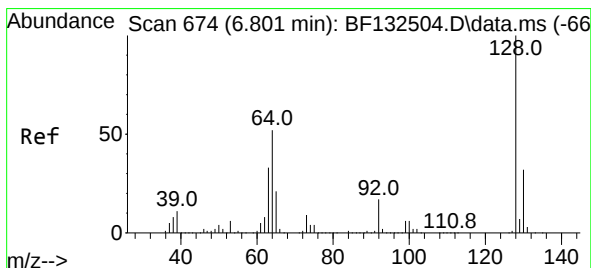
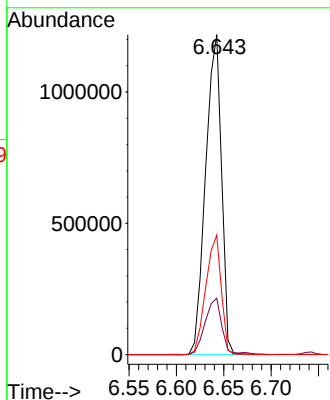
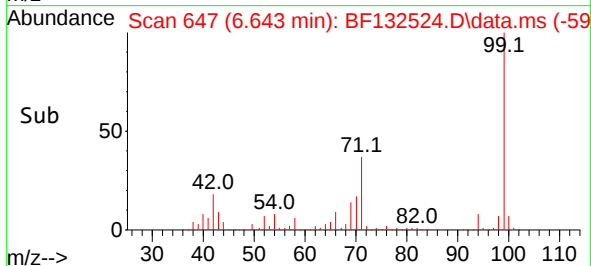
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



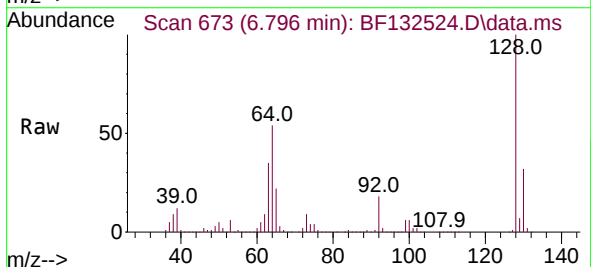
Tgt Ion: 99 Resp: 1426254
Ion Ratio Lower Upper
99 100
42 17.6 13.9 20.9
71 37.3 28.5 42.7

Manual Integrations
APPROVED

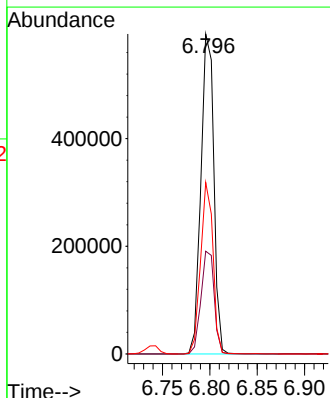
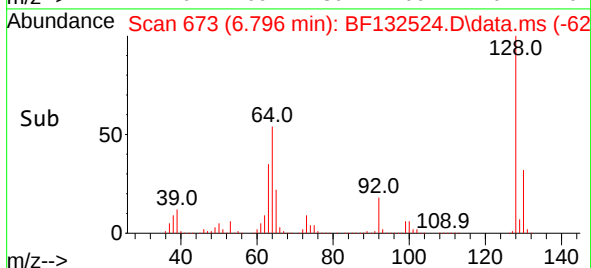
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

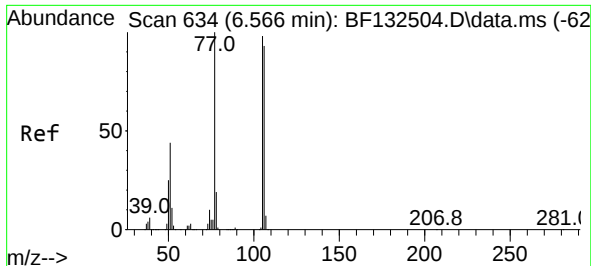


#8
2-Chlorophenol
Concen: 51.172 ng
RT: 6.796 min Scan# 673
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



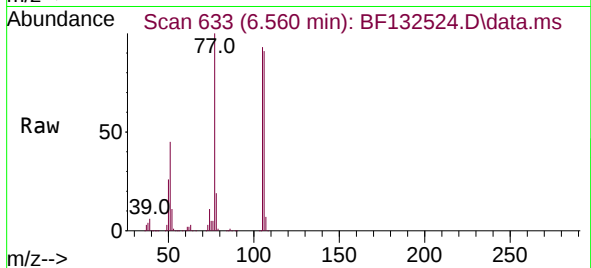
Tgt Ion:128 Resp: 563965
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 53.6 32.0 72.0





#9
Benzaldehyde
Concen: 44.243 ng
RT: 6.560 min Scan# 648
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

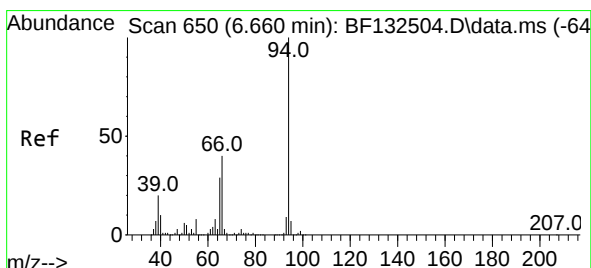
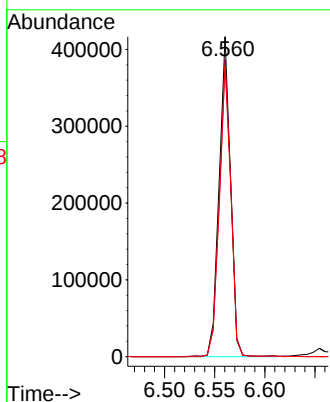
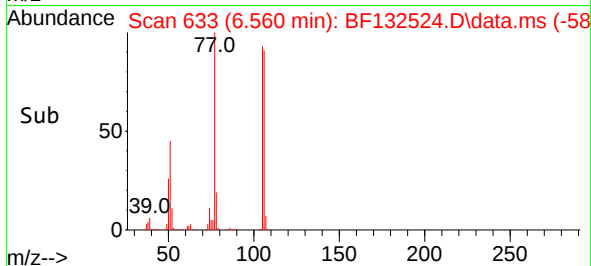
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



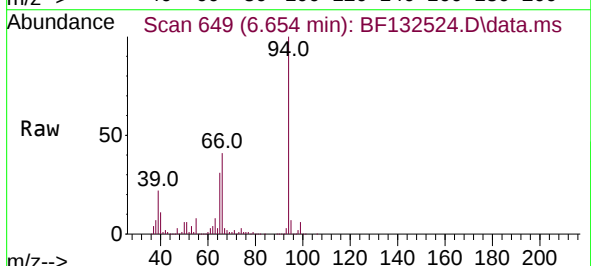
Tgt Ion: 77 Resp: 330853
Ion Ratio Lower Upper
77 100
105 92.8 77.9 117.9
106 91.0 73.4 113.4

Manual Integrations
APPROVED

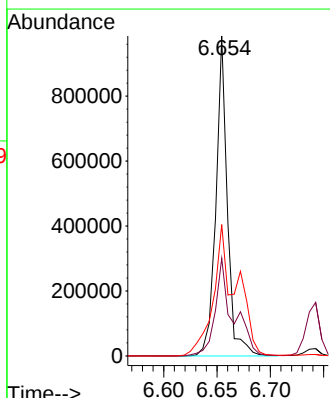
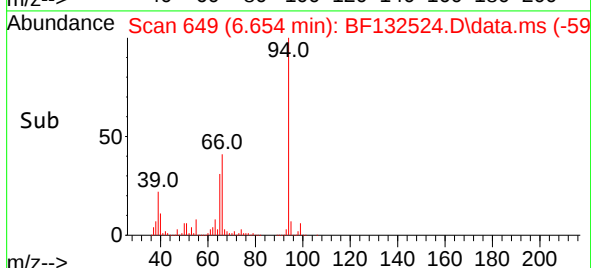
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

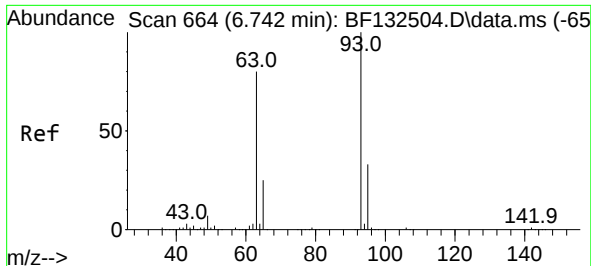


#10
Phenol
Concen: 46.620 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion: 94 Resp: 740721
Ion Ratio Lower Upper
94 100
65 30.5 9.4 49.4
66 41.0 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 48.896 ng

RT: 6.743 min Scan# 60

Delta R.T. 0.000 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MSD

Tgt Ion: 93 Resp: 59974

Ion Ratio Lower Upper

93 100

63 76.6 59.6 99.6

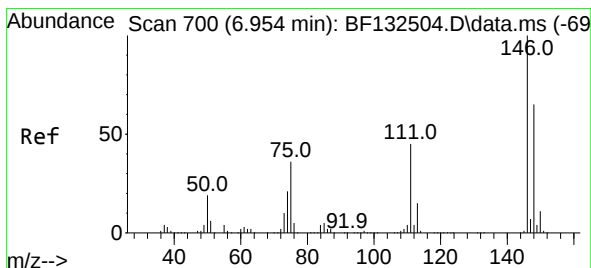
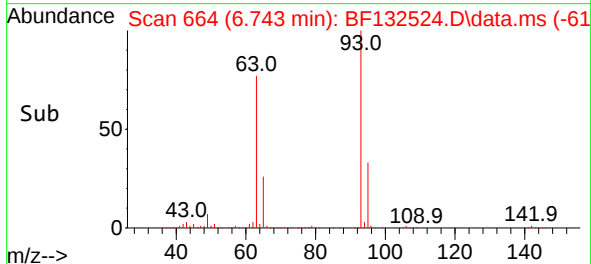
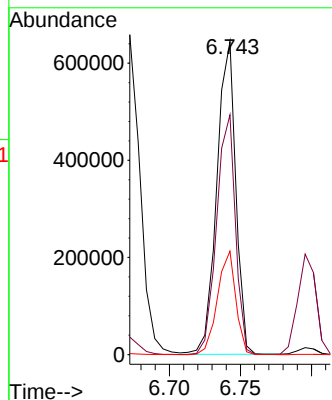
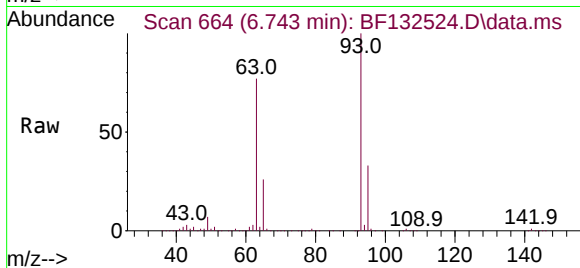
95 33.1 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#12

1,3-Dichlorobenzene

Concen: 49.614 ng

RT: 6.948 min Scan# 699

Delta R.T. -0.006 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

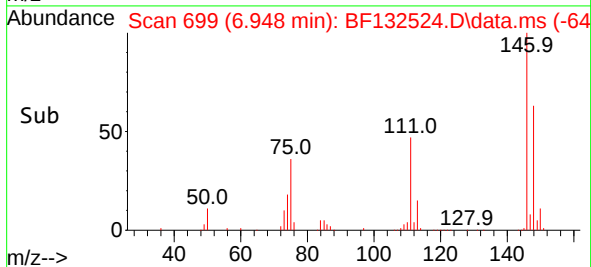
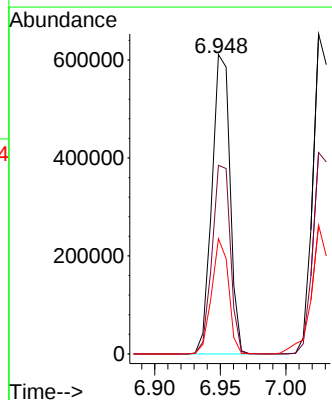
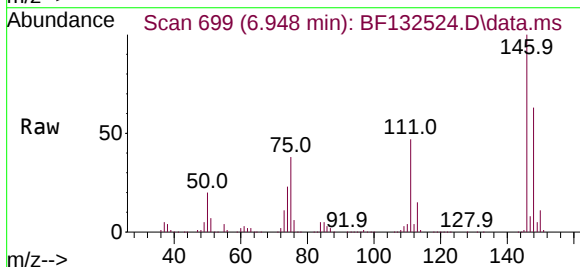
Tgt Ion:146 Resp: 586781

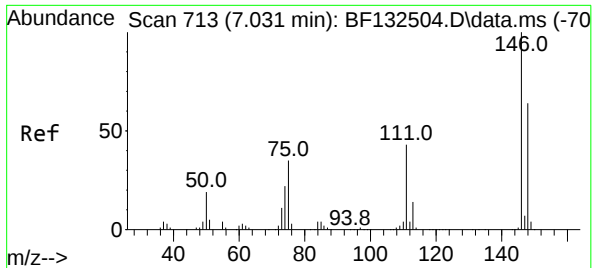
Ion Ratio Lower Upper

146 100

148 63.0 51.9 77.9

75 38.5 28.9 43.3





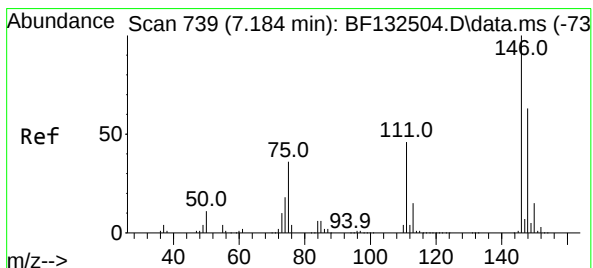
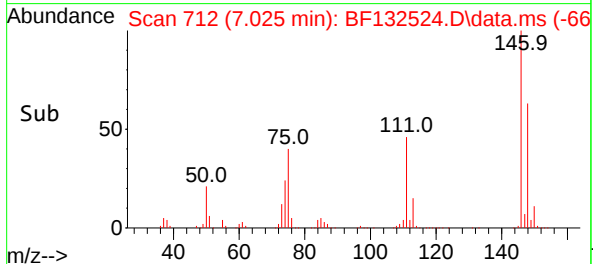
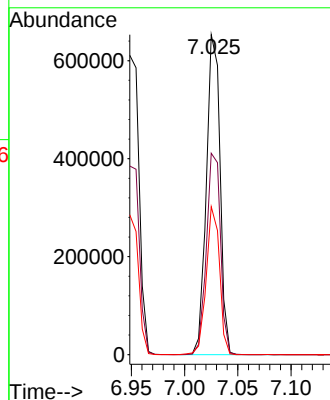
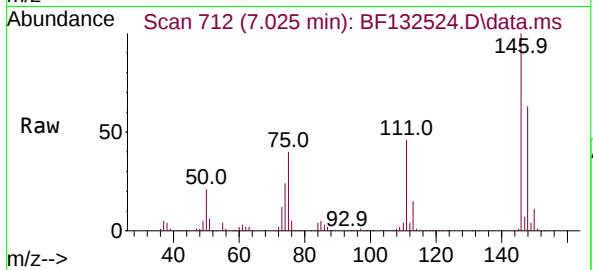
#13
1,4-Dichlorobenzene
Concen: 49.352 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD

Tgt Ion:146 Resp: 582823
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
111 46.2 34.8 52.2

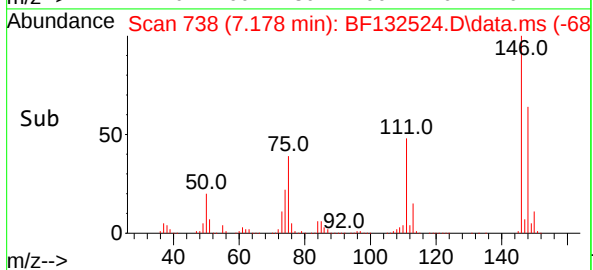
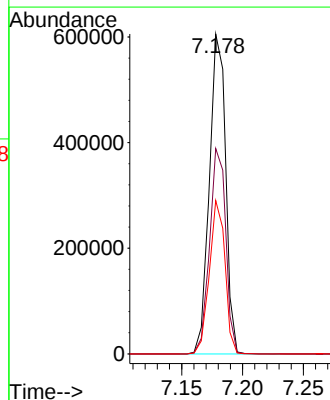
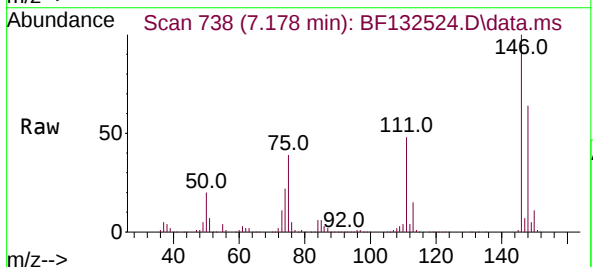
Manual Integrations
APPROVED

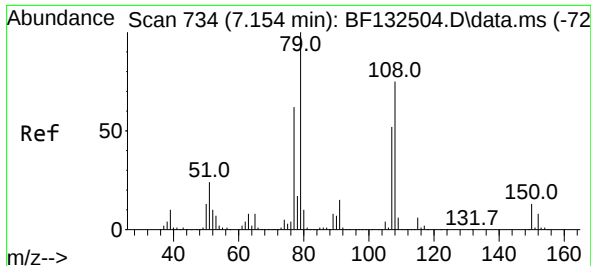
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#14
1,2-Dichlorobenzene
Concen: 49.798 ng
RT: 7.178 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

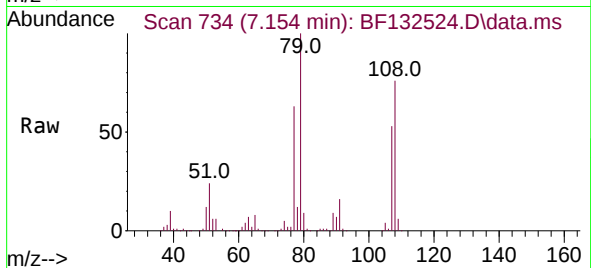
Tgt Ion:146 Resp: 564390
Ion Ratio Lower Upper
146 100
148 64.2 50.6 75.8
111 47.9 37.2 55.8





#15
Benzyl Alcohol
Concen: 50.395 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

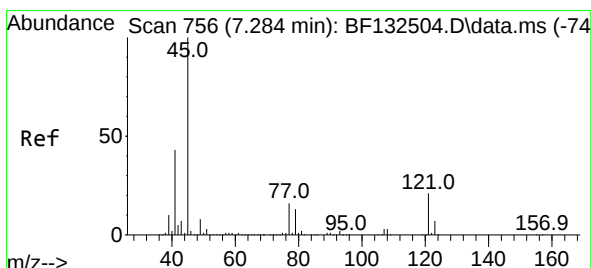
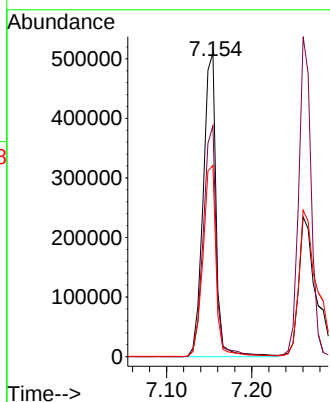
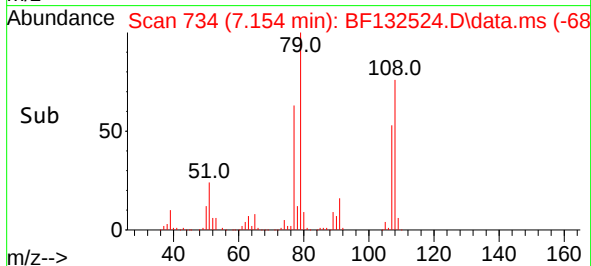
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion: 79 Resp: 537865
Ion Ratio Lower Upper
79 100
108 76.0 60.2 90.4
77 63.0 49.9 74.9

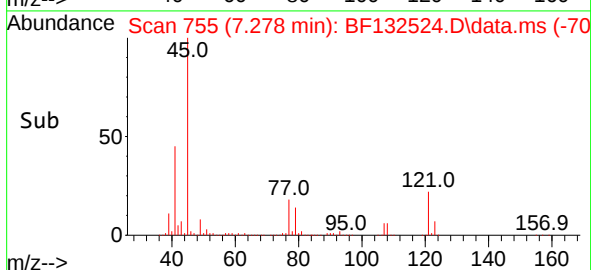
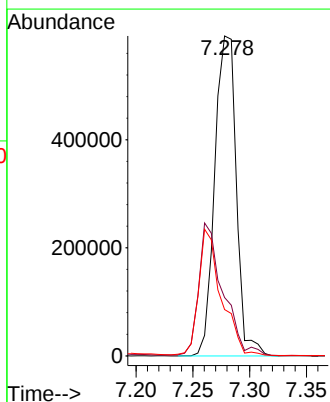
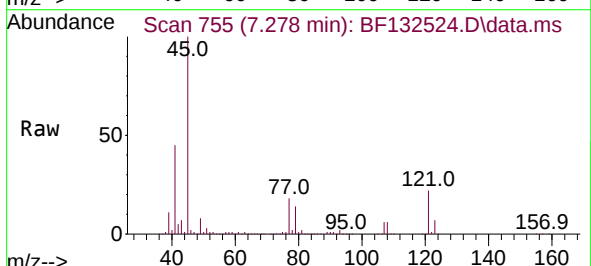
Manual Integrations
APPROVED

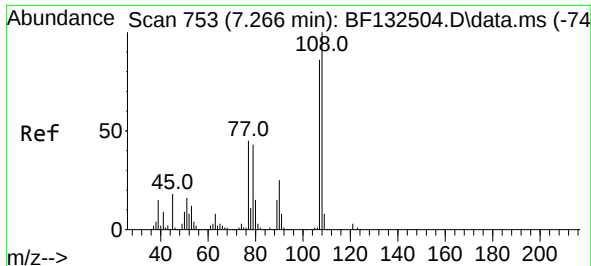
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.999 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

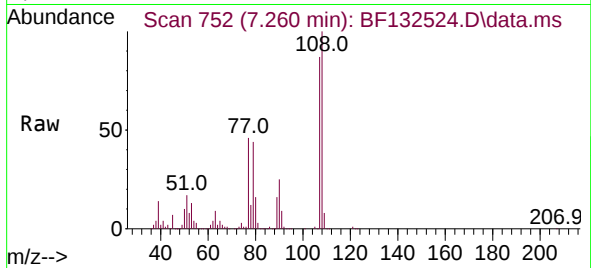
Tgt Ion: 45 Resp: 782031
Ion Ratio Lower Upper
45 100
77 18.2 0.0 36.4
79 14.5 0.0 33.4





#17
2-Methylphenol
Concen: 45.668 ng
RT: 7.260 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

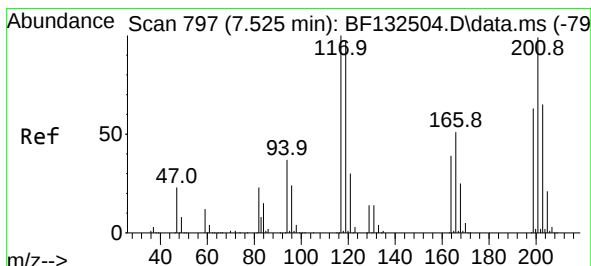
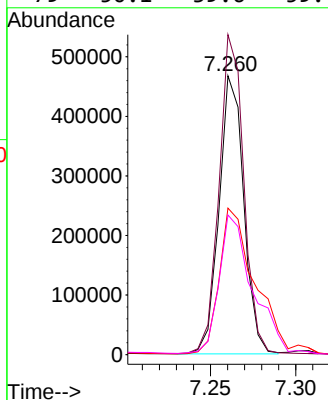
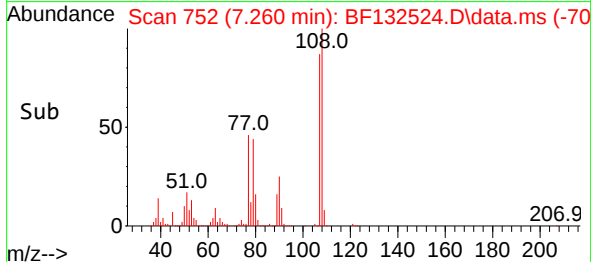
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:107 Resp: 469721
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.4
77 52.5 42.1 63.1
79 50.1 39.6 59.4

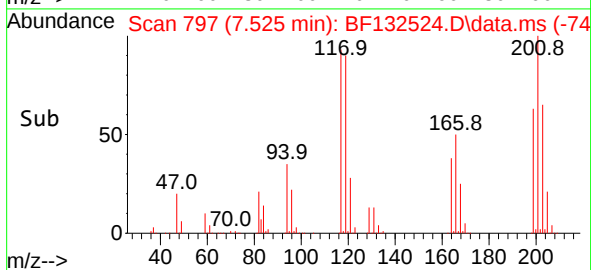
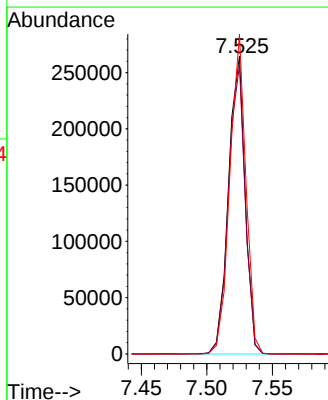
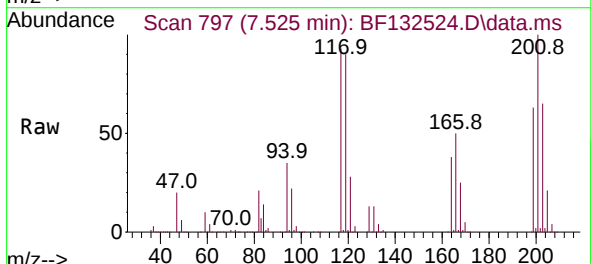
Manual Integrations
APPROVED

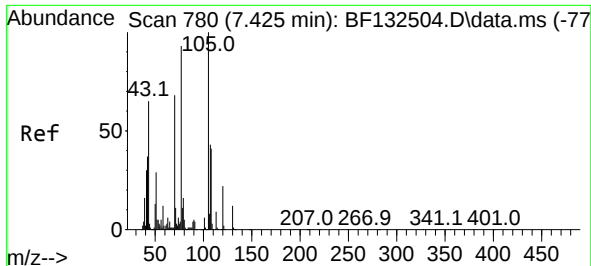
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#18
Hexachloroethane
Concen: 50.773 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

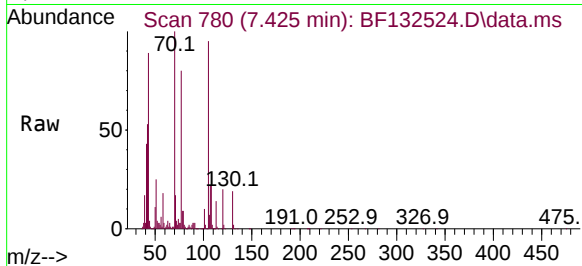
Tgt Ion:117 Resp: 234252
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
201 107.5 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.794 ng
RT: 7.425 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

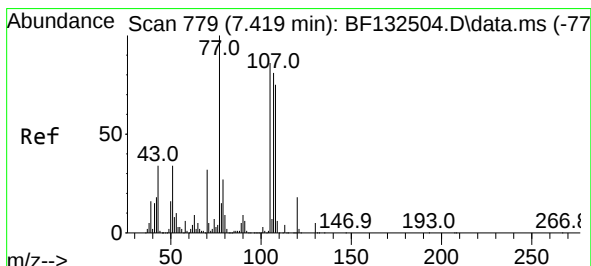
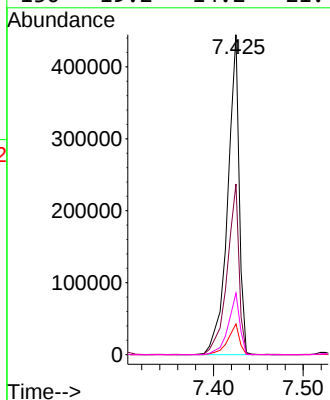
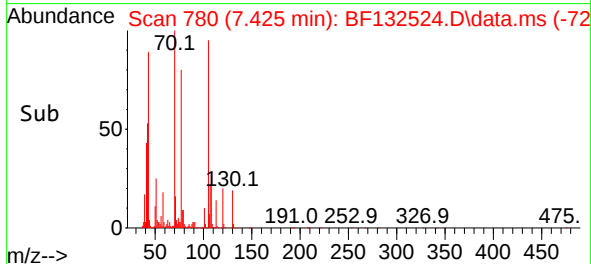
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



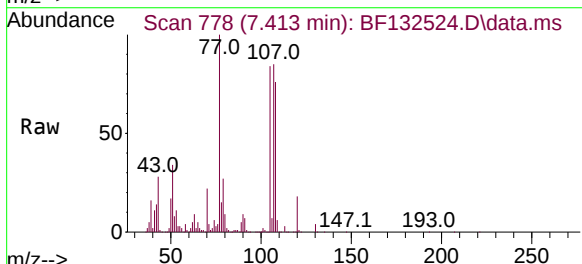
Tgt Ion: 70 Resp: 399109
Ion Ratio Lower Upper
70 100
42 53.3 44.1 66.1
101 9.6 7.4 11.2
130 19.2 14.2 21.4

Manual Integrations
APPROVED

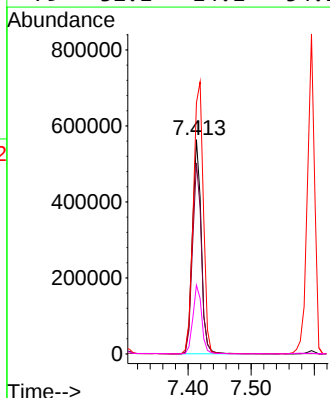
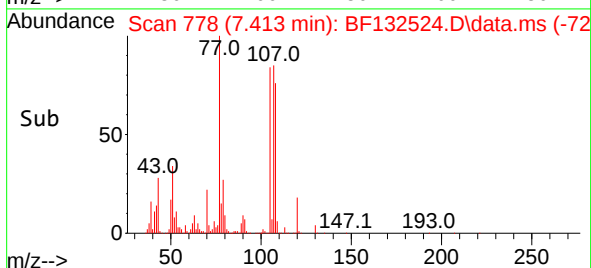
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

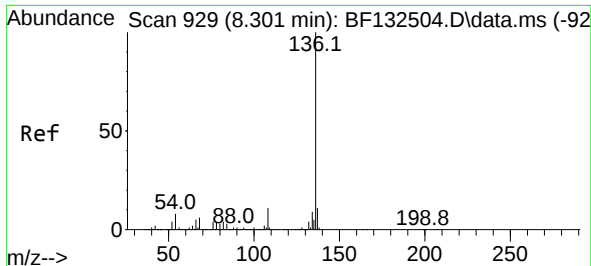


#20
3+4-Methylphenols
Concen: 41.050 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



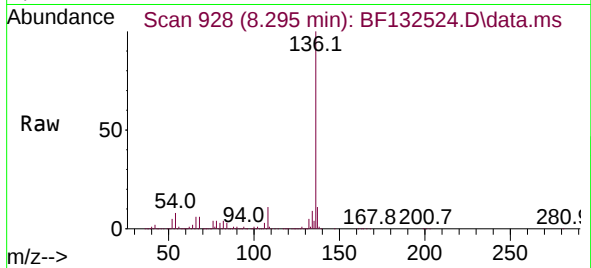
Tgt Ion:107 Resp: 545483
Ion Ratio Lower Upper
107 100
108 89.2 72.6 112.6
77 117.3 104.0 144.0
79 32.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

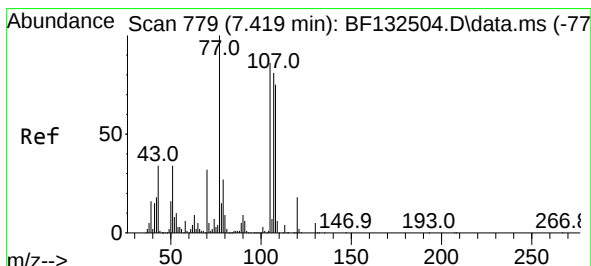
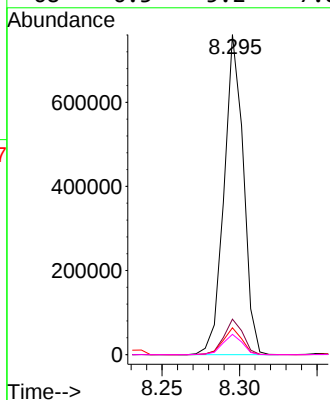
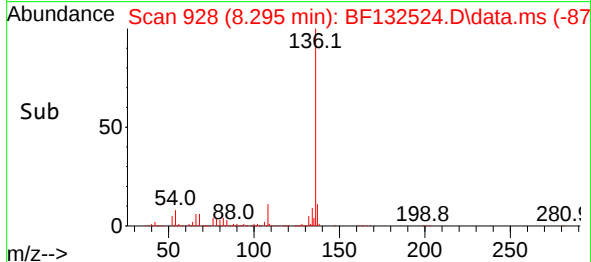
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



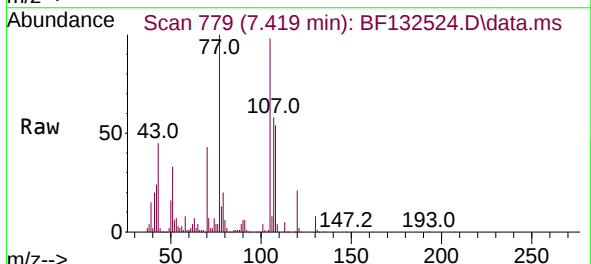
Tgt Ion:136 Resp: 660041
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.4 6.2 9.4
68 6.3 5.2 7.8

Manual Integrations
APPROVED

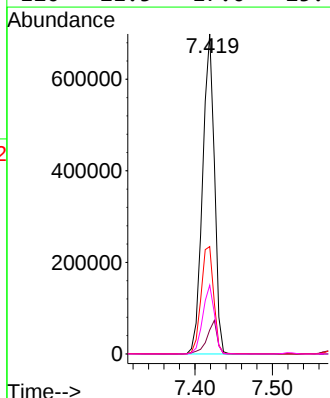
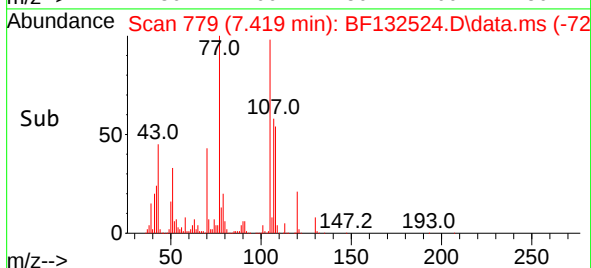
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

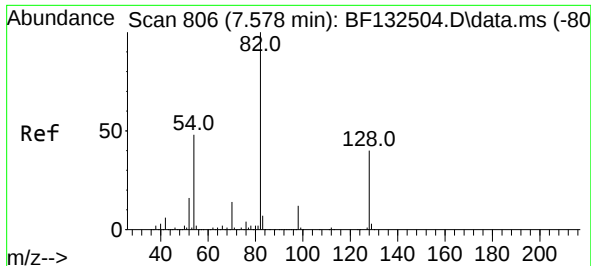


#22
Acetophenone
Concen: 44.546 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion:105 Resp: 741391
Ion Ratio Lower Upper
105 100
71 7.5 5.0 7.4#
51 33.5 31.5 47.3
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 68.575 ng

RT: 7.578 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

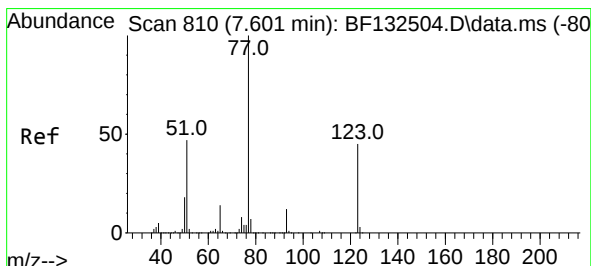
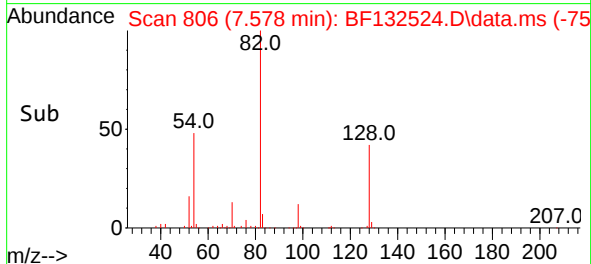
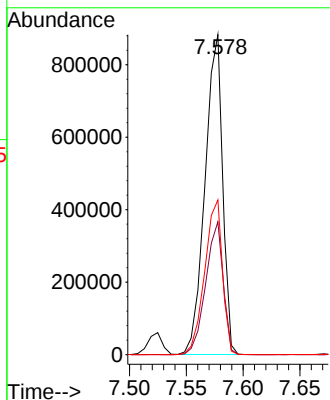
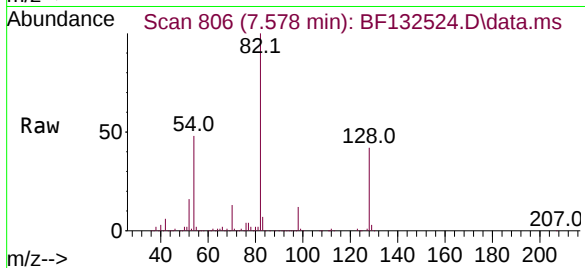
B-17-SB02MSD

Tgt Ion:	82	Resp:	954012
Ion Ratio	Lower	Upper	
82	100		
128	41.5	32.2	48.2
54	48.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#24

Nitrobenzene

Concen: 45.095 ng

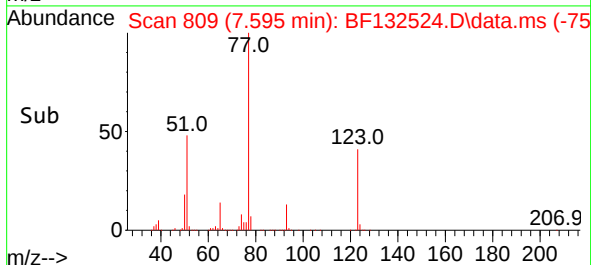
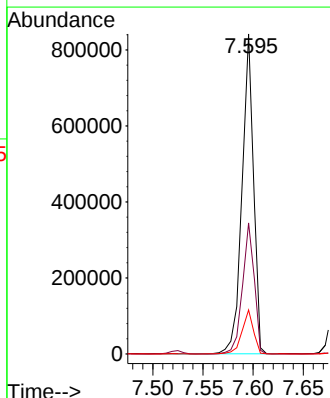
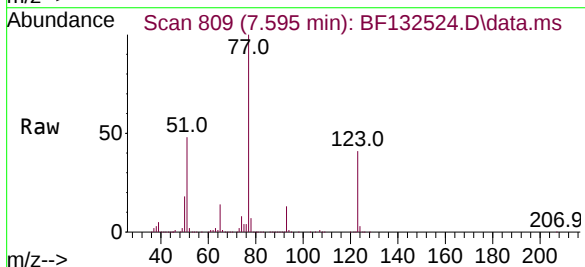
RT: 7.595 min Scan# 809

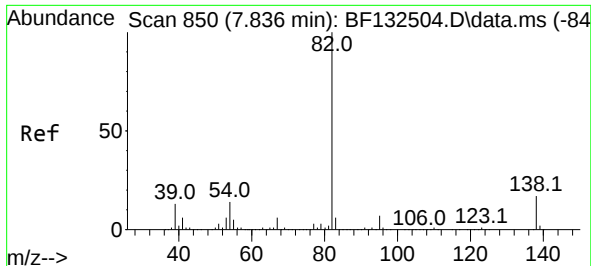
Delta R.T. -0.006 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

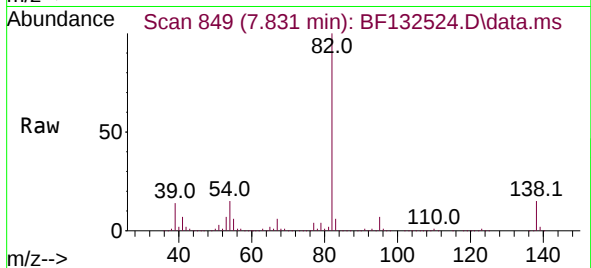
Tgt Ion:	77	Resp:	670953
Ion Ratio	Lower	Upper	
77	100		
123	40.9	35.8	53.6
65	13.7	10.9	16.3





#25
Isophorone
Concen: 45.564 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

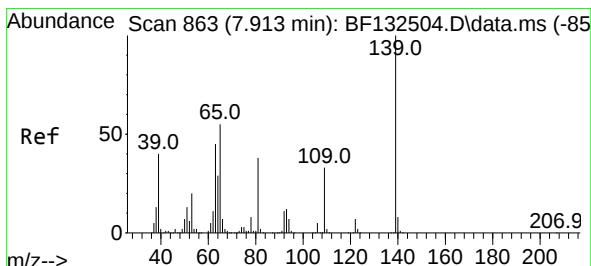
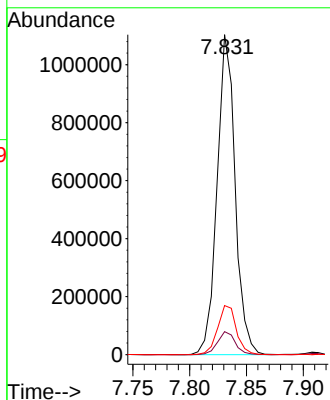
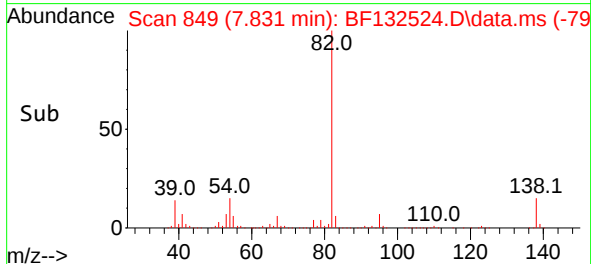
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion: 82 Resp: 1215307
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 15.3 13.3 19.9

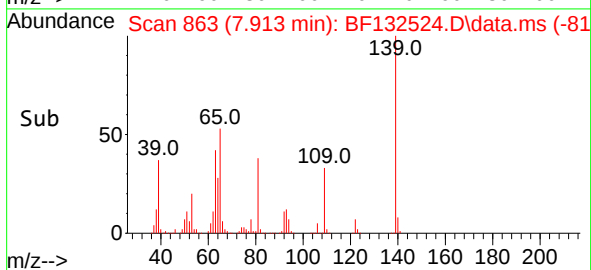
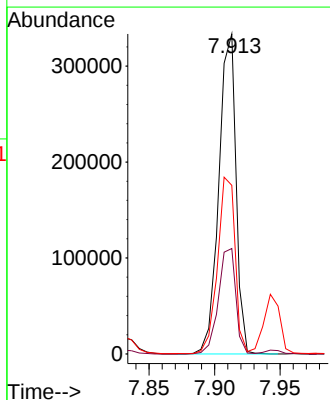
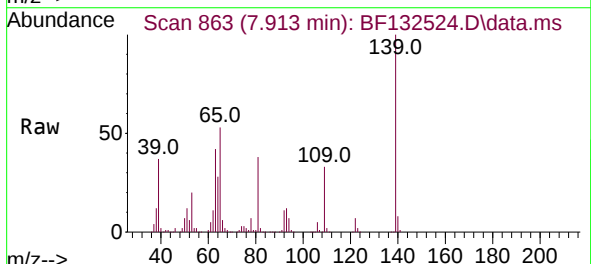
Manual Integrations
APPROVED

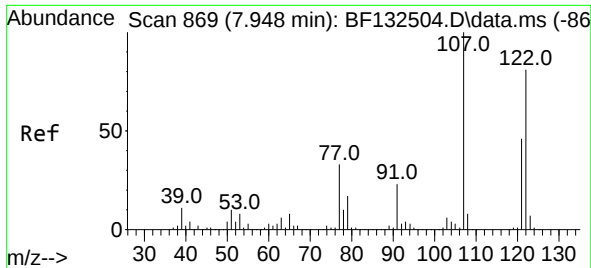
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#26
2-Nitrophenol
Concen: 46.443 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Tgt Ion:139 Resp: 304882
Ion Ratio Lower Upper
139 100
109 32.9 26.2 39.2
65 52.7 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 45.631 ng
RT: 7.943 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

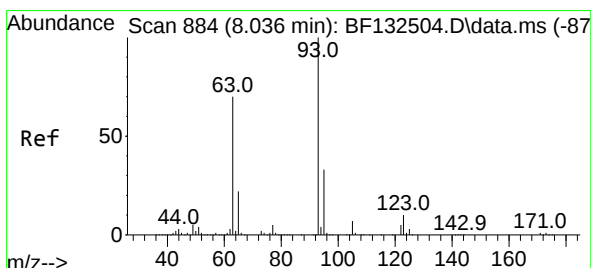
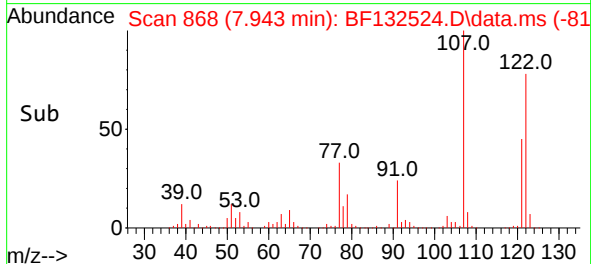
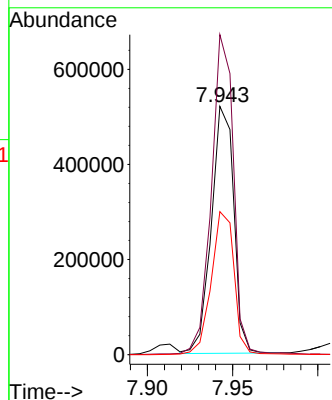
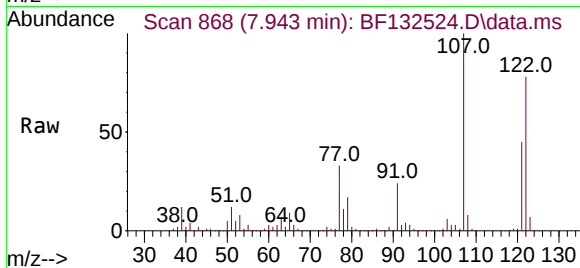
B-17-SB02MSD

Tgt Ion:122 Resp: 472785
Ion Ratio Lower Upper
122 100
107 128.9 98.7 148.1
121 57.6 45.8 68.6

Manual Integrations

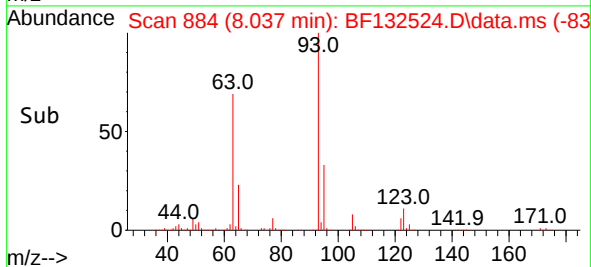
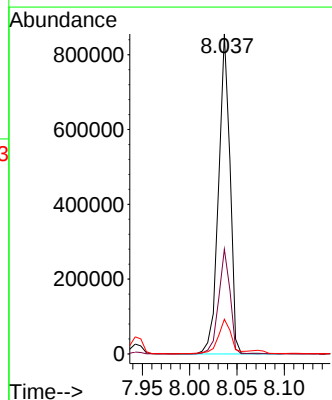
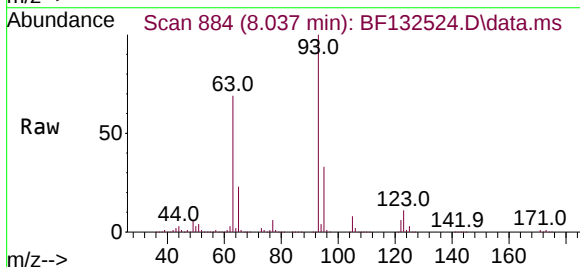
APPROVED

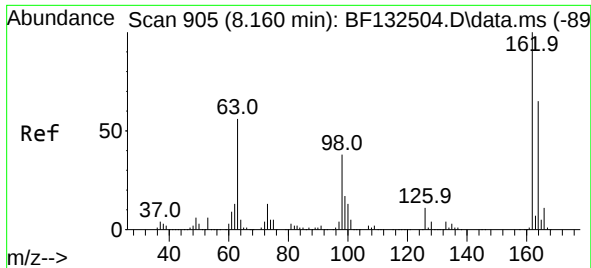
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 45.787 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

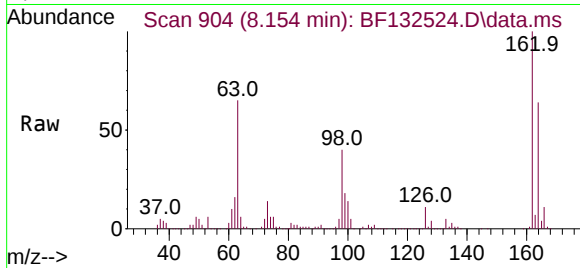
Tgt Ion: 93 Resp: 714407
Ion Ratio Lower Upper
93 100
95 32.7 26.3 39.5
123 10.8 8.3 12.5





#29
2,4-Dichlorophenol
Concen: 46.091 ng
RT: 8.154 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

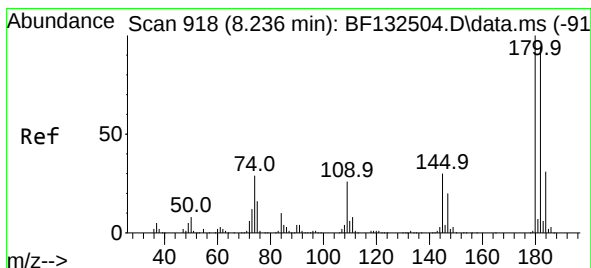
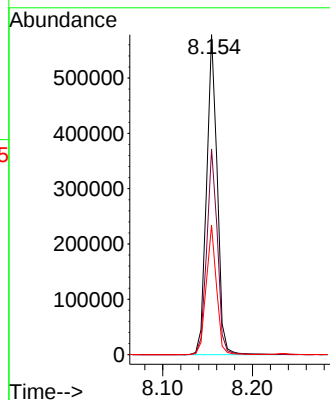
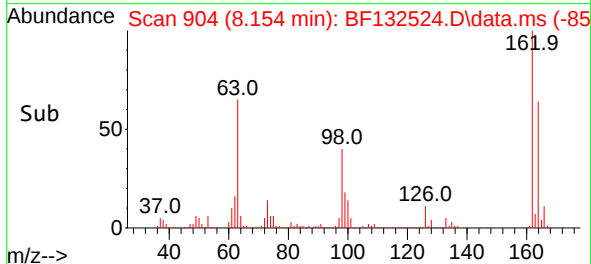
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:162 Resp: 475038
Ion Ratio Lower Upper
162 100
164 64.3 45.3 85.3
98 40.4 17.9 57.9

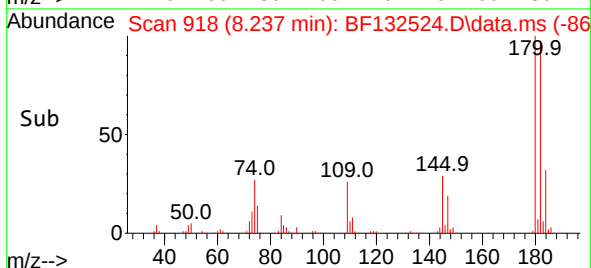
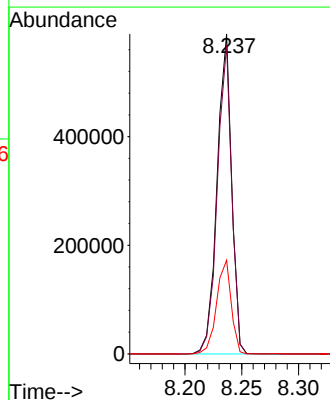
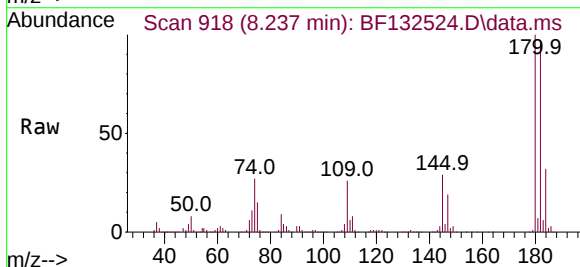
Manual Integrations
APPROVED

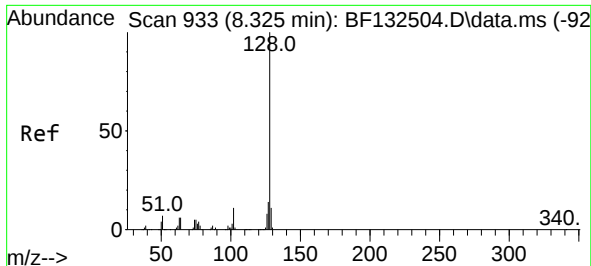
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 46.734 ng
RT: 8.237 min Scan# 918
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

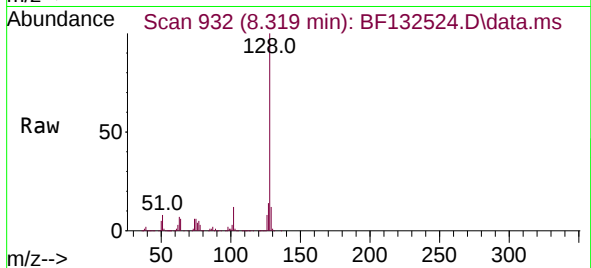
Tgt Ion:180 Resp: 523026
Ion Ratio Lower Upper
180 100
182 96.5 75.1 112.7
145 29.3 23.8 35.6





#31
Naphthalene
Concen: 44.340 ng
RT: 8.319 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

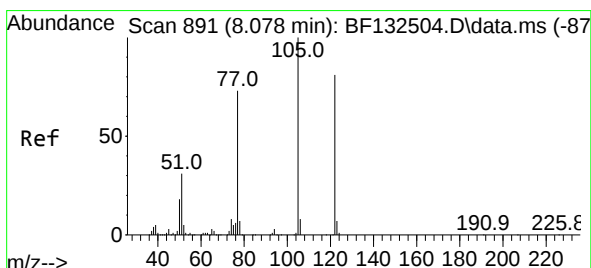
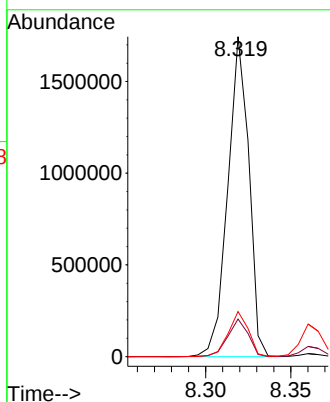
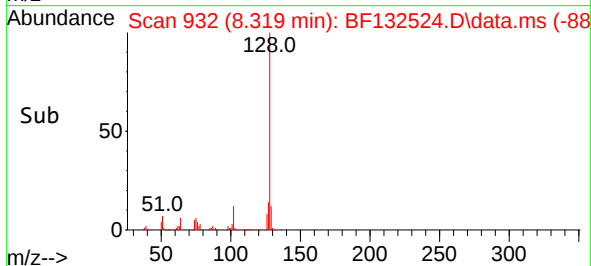
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:128 Resp: 1498255
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 14.1 11.0 16.6

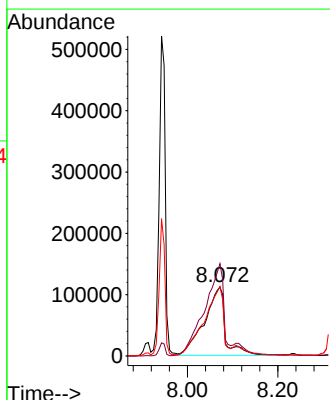
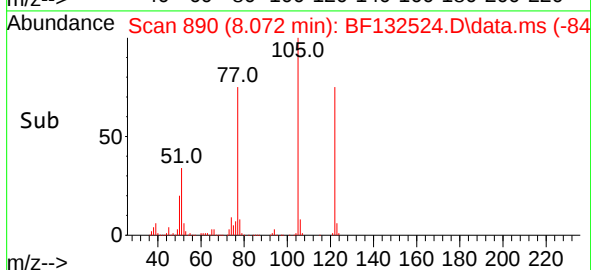
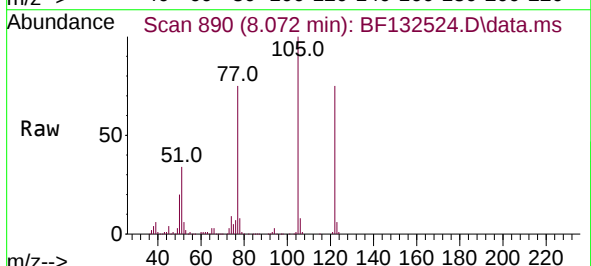
Manual Integrations
APPROVED

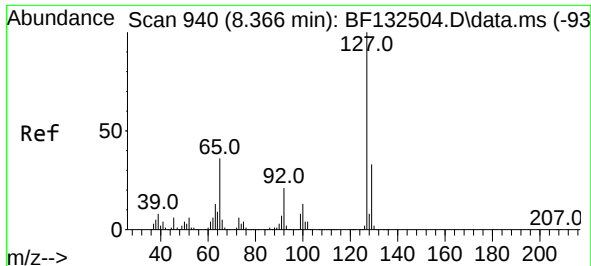
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#32
Benzoic acid
Concen: 44.325 ng m
RT: 8.072 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Tgt Ion:122 Resp: 359292
Ion Ratio Lower Upper
122 100
105 133.8 102.6 142.6
77 100.6 70.2 110.2





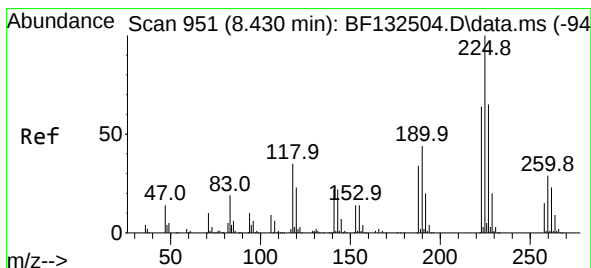
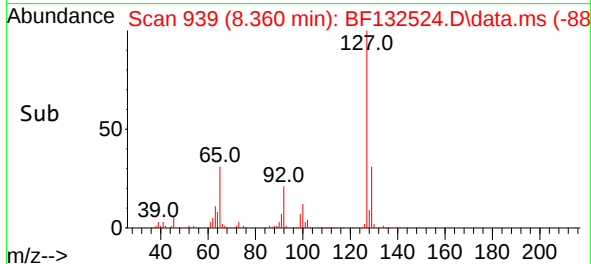
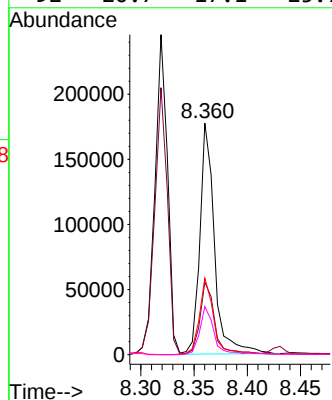
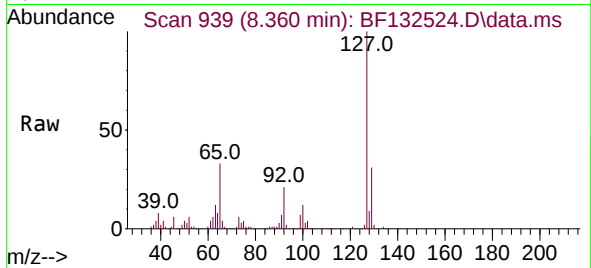
#33
4-Chloroaniline
Concen: 11.681 ng
RT: 8.360 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD

Tgt Ion:	127	Resp:	169135
Ion Ratio	Lower	Upper	
127	100		
129	31.3	26.4	39.6
65	33.1	28.8	43.2
92	20.7	17.1	25.7

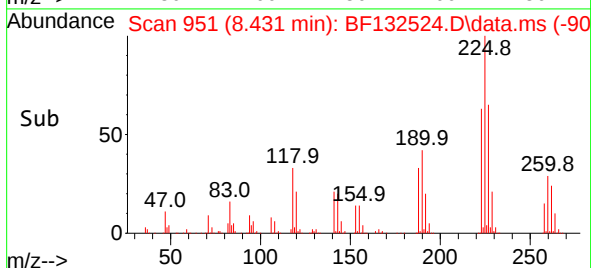
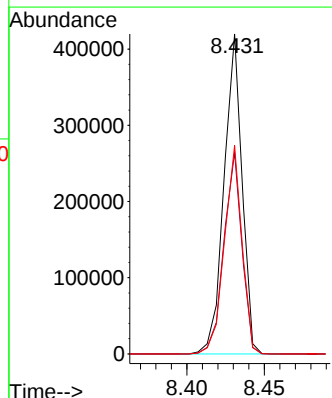
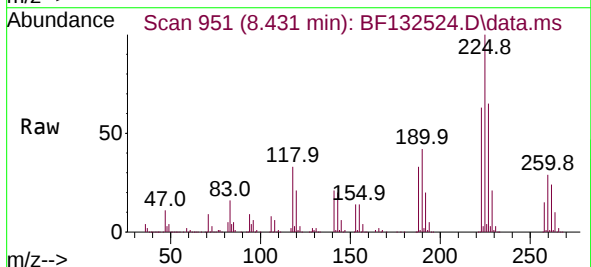
Manual Integrations
APPROVED

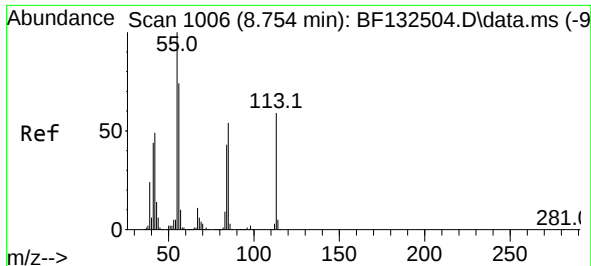
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#34
Hexachlorobutadiene
Concen: 47.928 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

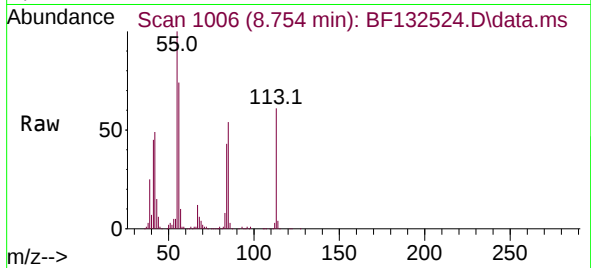
Tgt Ion:	225	Resp:	340846
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.0	76.4
227	65.2	51.7	77.5





#35
Caprolactam
Concen: 48.968 ng m
RT: 8.754 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

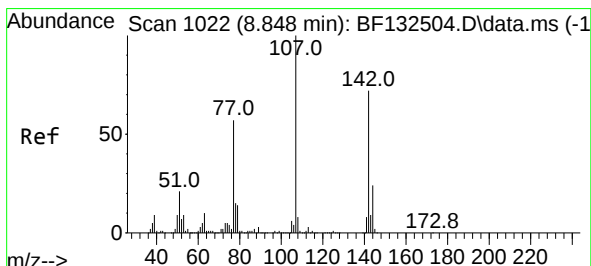
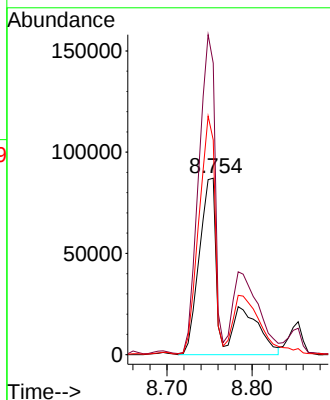
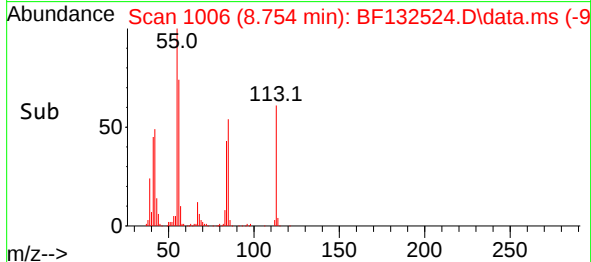
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:113 Resp: 166386
Ion Ratio Lower Upper
113 100
55 165.2 149.4 189.4
56 121.7 105.0 145.0

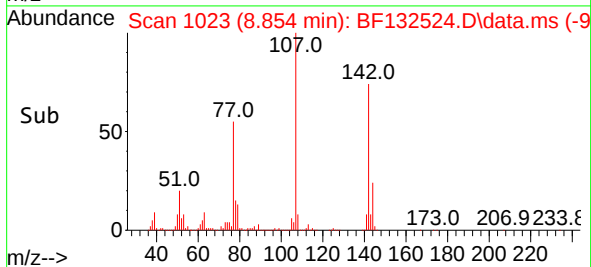
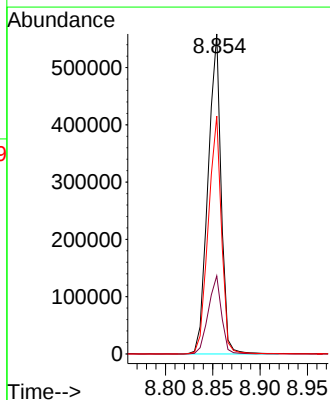
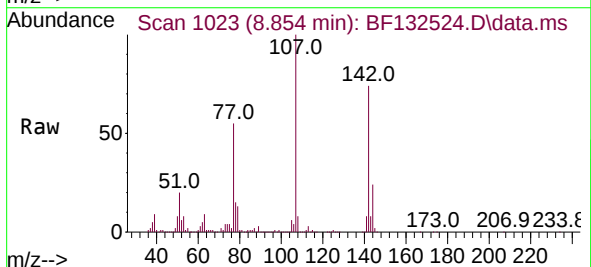
Manual Integrations
APPROVED

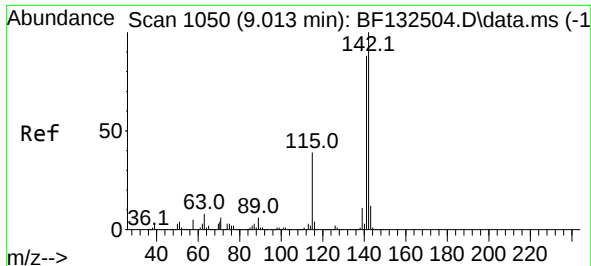
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#36
4-Chloro-3-methylphenol
Concen: 47.489 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

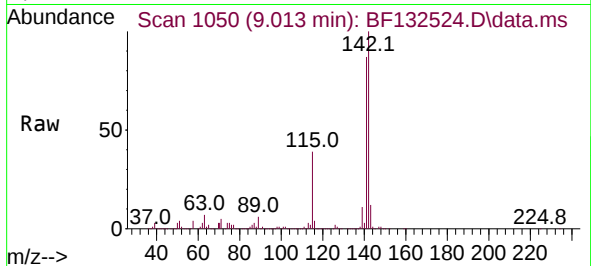
Tgt Ion:107 Resp: 537519
Ion Ratio Lower Upper
107 100
144 24.4 18.9 28.3
142 74.3 57.9 86.9





#37
2-Methylnaphthalene
Concen: 43.923 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

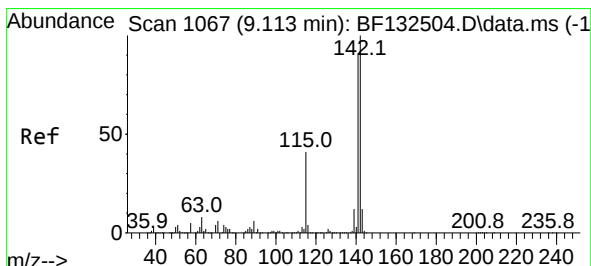
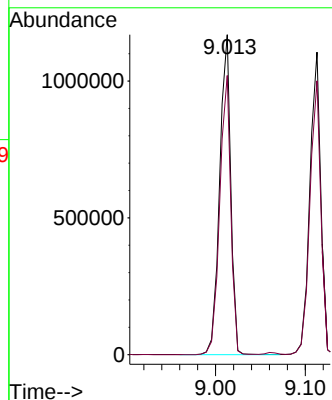
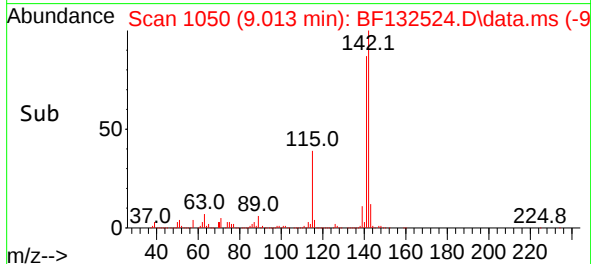
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:142 Resp: 1011445
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2

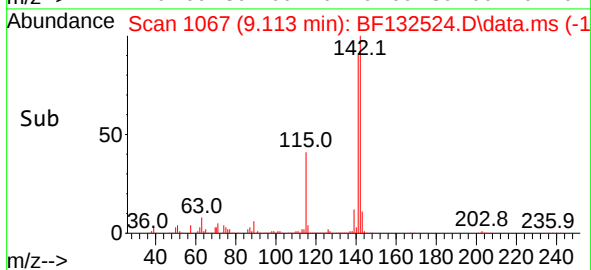
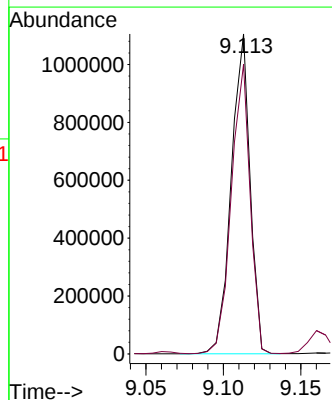
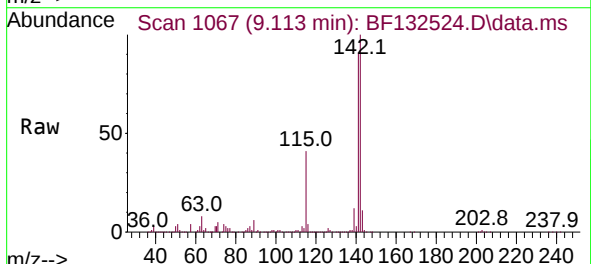
Manual Integrations
APPROVED

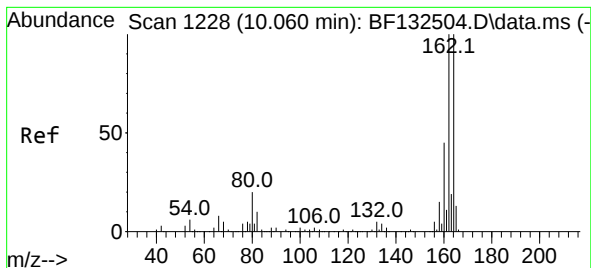
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#38
1-Methylnaphthalene
Concen: 43.341 ng
RT: 9.113 min Scan# 1067
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

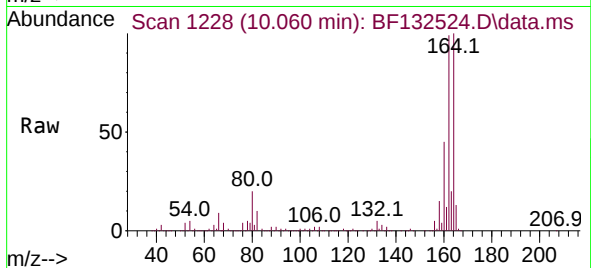
Tgt Ion:142 Resp: 932696
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

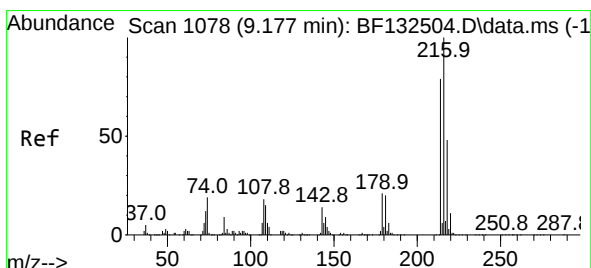
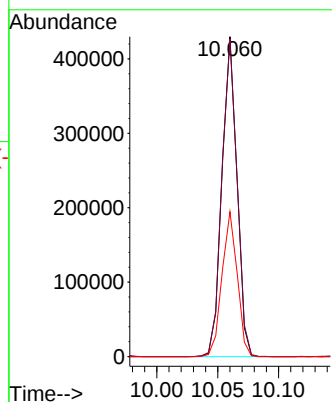
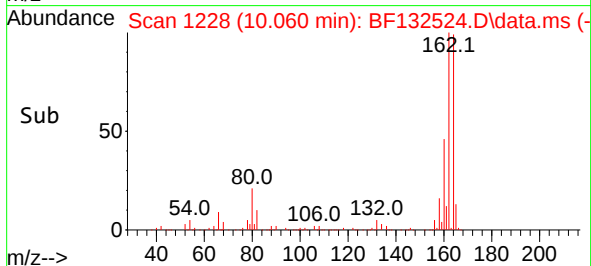
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



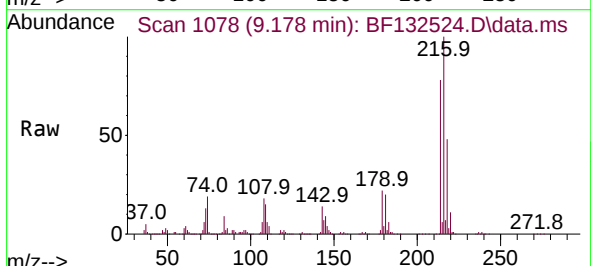
Tgt Ion:164 Resp: 366933
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 45.3 35.8 53.6

Manual Integrations
APPROVED

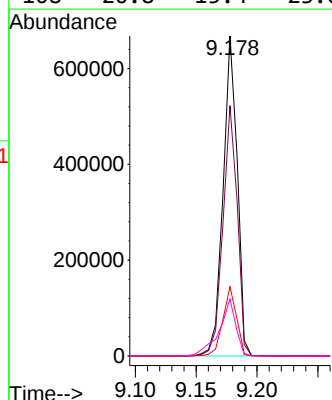
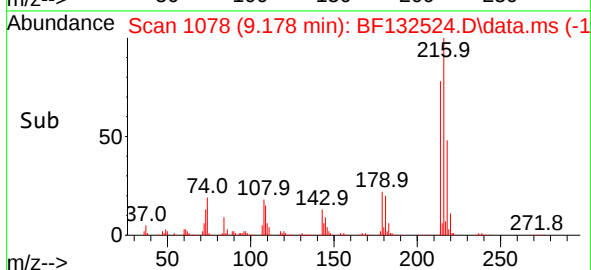
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

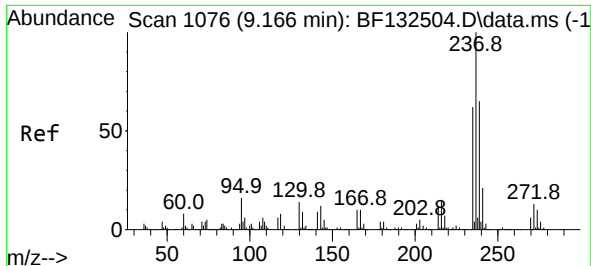


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.910 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



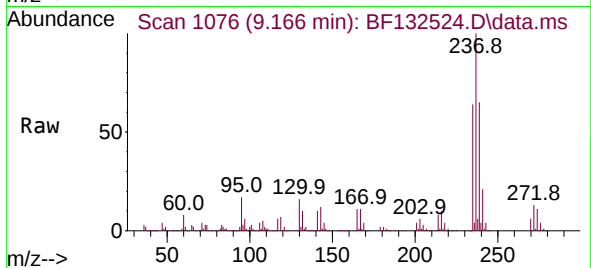
Tgt Ion:216 Resp: 539152
Ion Ratio Lower Upper
216 100
214 78.9 63.0 94.6
179 20.8 16.6 24.8
108 20.8 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 98.347 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

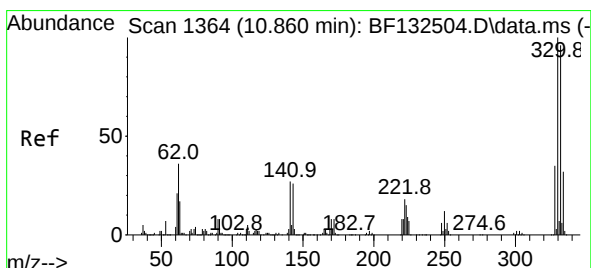
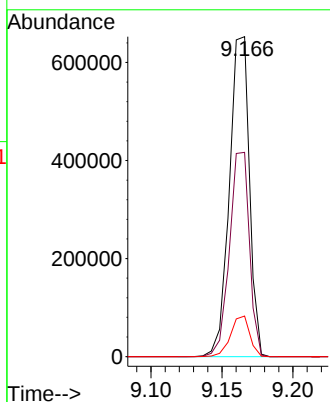
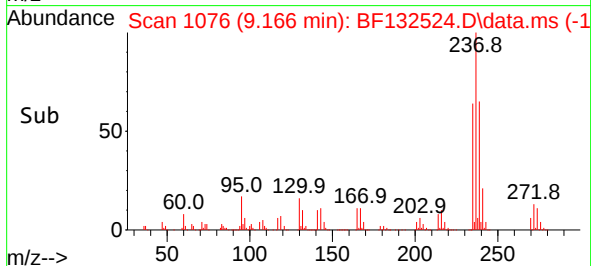
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



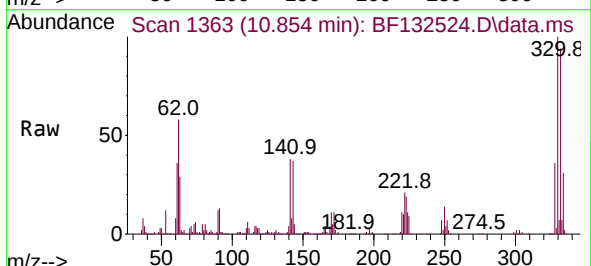
Tgt Ion:237 Resp: 640387
Ion Ratio Lower Upper
237 100
235 63.8 42.4 82.4
272 12.7 0.0 32.7

Manual Integrations
APPROVED

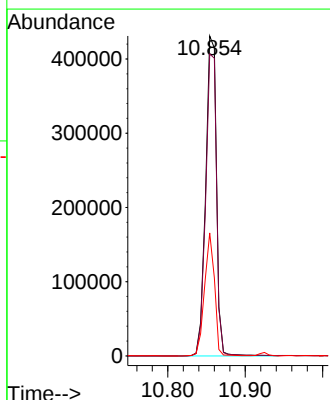
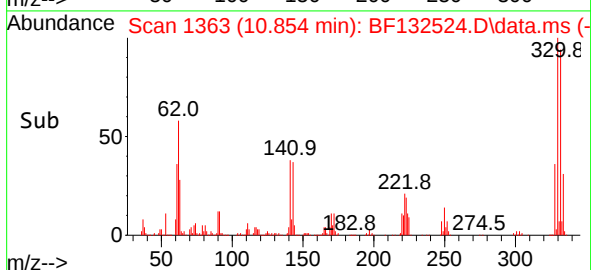
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

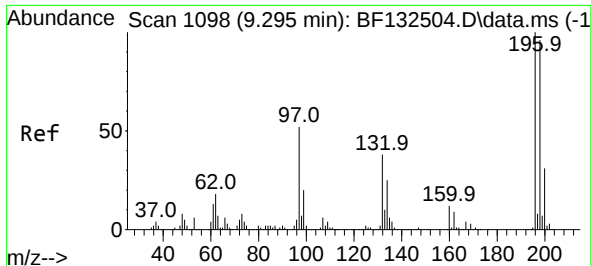


#42
2,4,6-Tribromophenol
Concen: 105.254 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



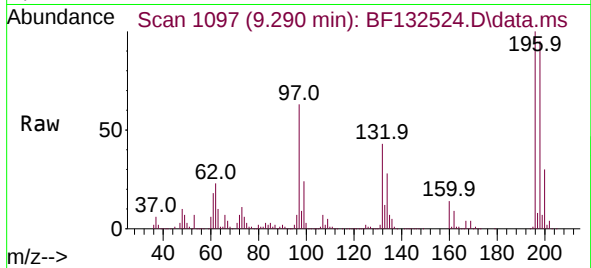
Tgt Ion:330 Resp: 417091
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 35.6 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 45.795 ng
RT: 9.290 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

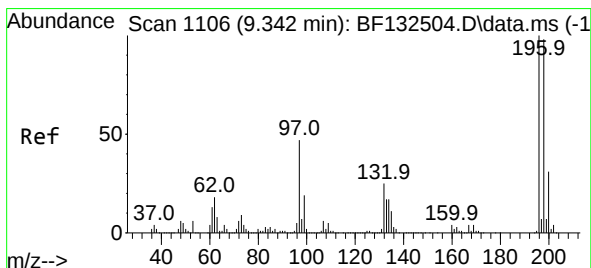
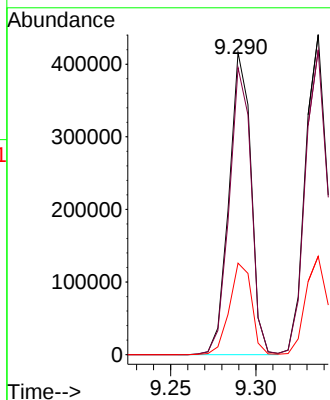
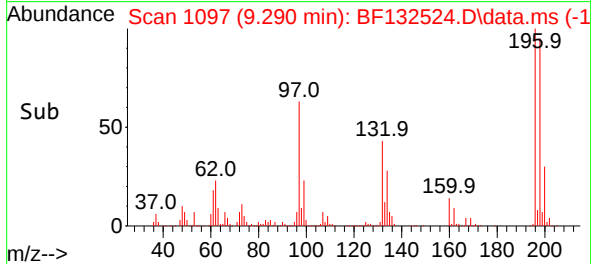
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



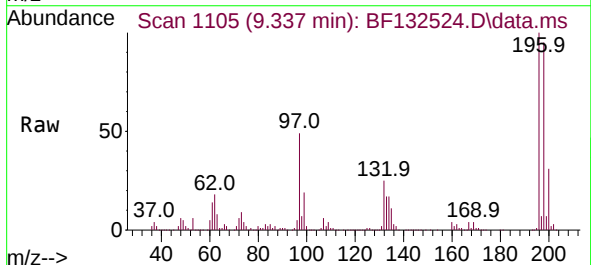
Tgt Ion:196 Resp: 372584
Ion Ratio Lower Upper
196 100
198 95.0 77.1 115.7
200 30.3 25.0 37.4

Manual Integrations
APPROVED

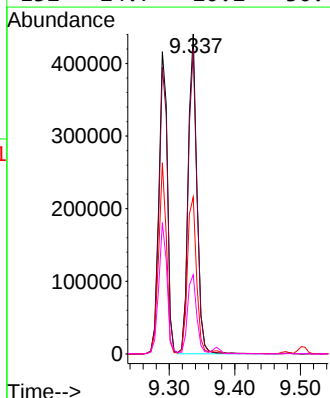
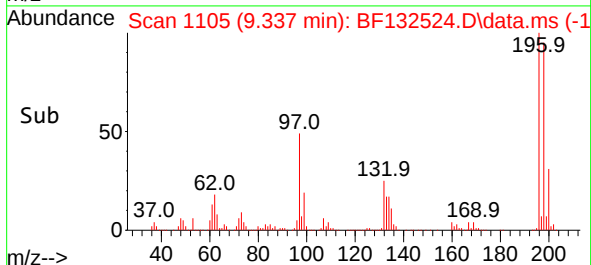
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

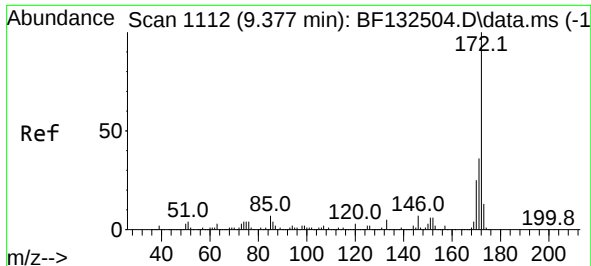


#44
2,4,5-Trichlorophenol
Concen: 43.035 ng
RT: 9.337 min Scan# 1105
Delta R.T. -0.005 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



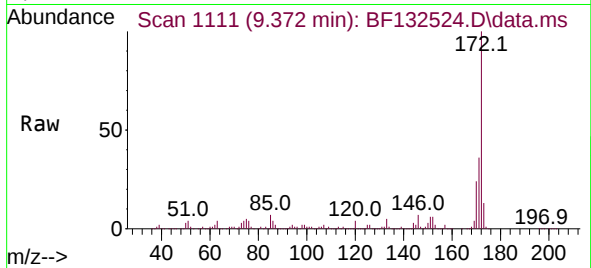
Tgt Ion:196 Resp: 408645
Ion Ratio Lower Upper
196 100
198 95.2 78.3 117.5
97 49.0 38.1 57.1
132 24.7 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 63.755 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

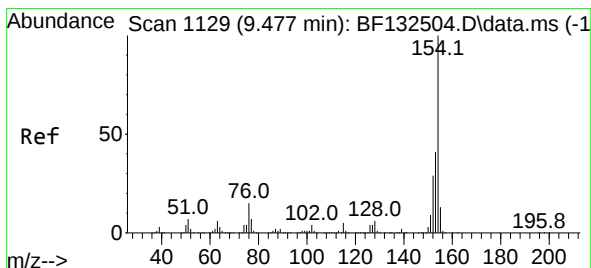
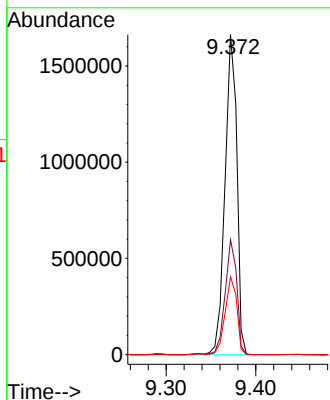
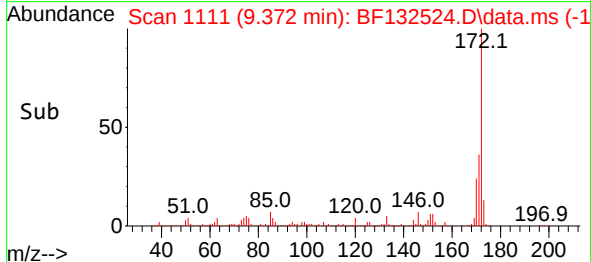
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



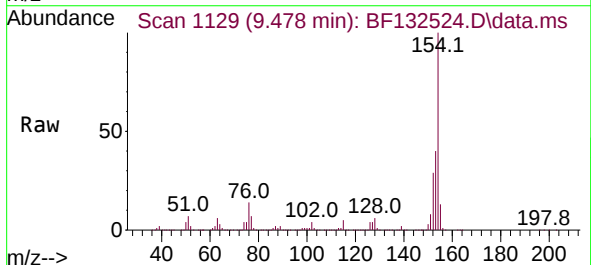
Tgt Ion:172 Resp: 1536383
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.3 19.7 29.5

Manual Integrations
APPROVED

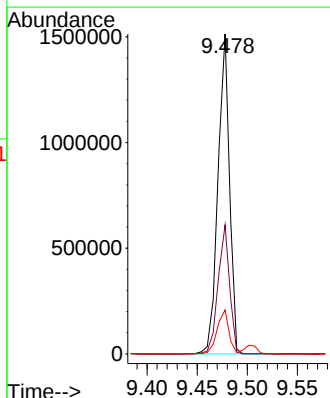
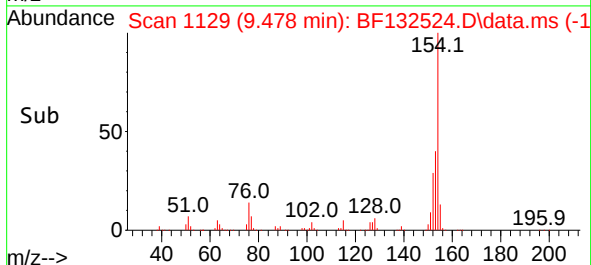
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

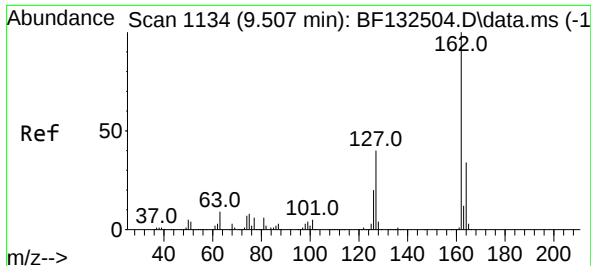


#46
1,1'-Biphenyl
Concen: 43.803 ng
RT: 9.478 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



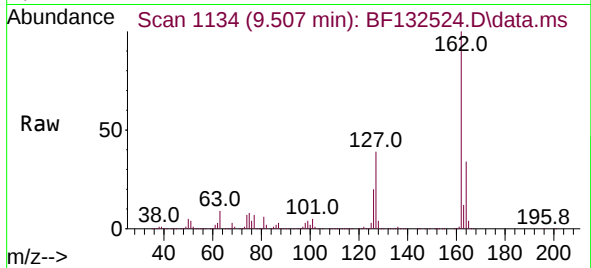
Tgt Ion:154 Resp: 1216535
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 13.7 0.0 34.7





#47
2-Chloronaphthalene
Concen: 45.076 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

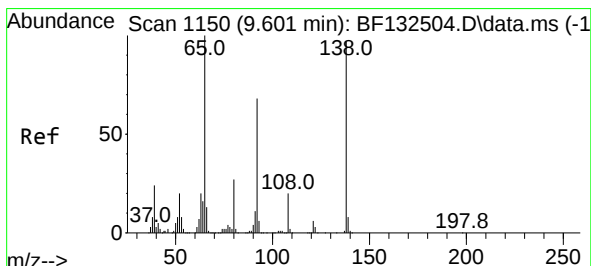
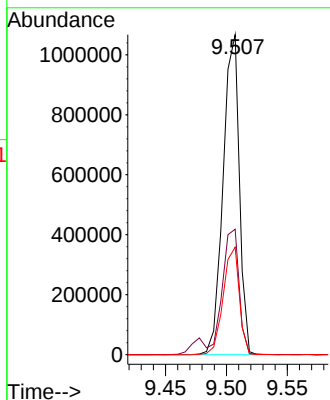
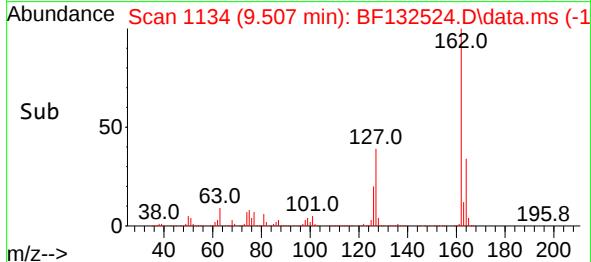
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:162 Resp: 992541
Ion Ratio Lower Upper
162 100
127 39.2 32.3 48.5
164 33.6 26.9 40.3

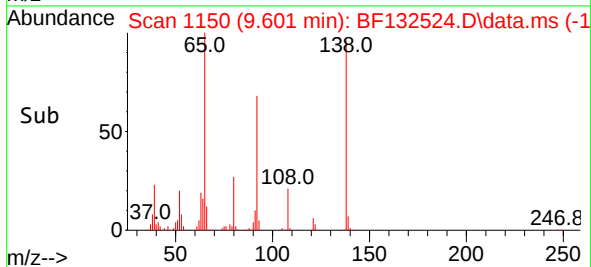
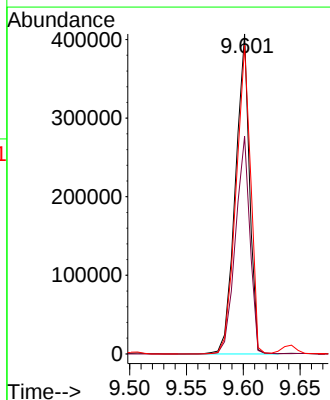
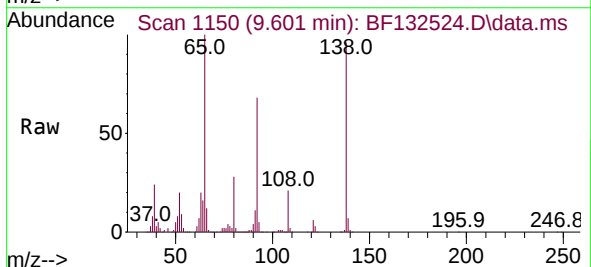
Manual Integrations
APPROVED

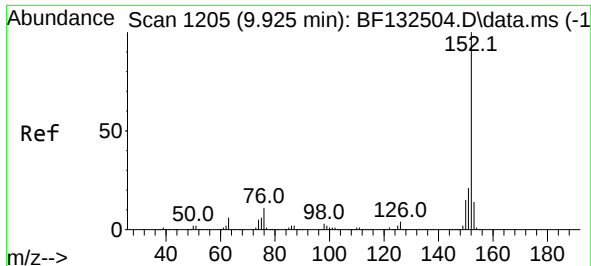
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#48
2-Nitroaniline
Concen: 43.525 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

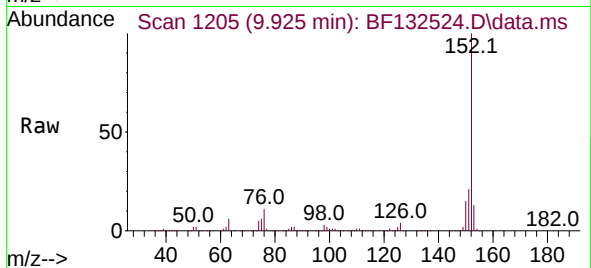
Tgt Ion: 65 Resp: 352982
Ion Ratio Lower Upper
65 100
92 68.0 54.5 81.7
138 96.5 77.2 115.8





#49
Acenaphthylene
Concen: 43.517 ng
RT: 9.925 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

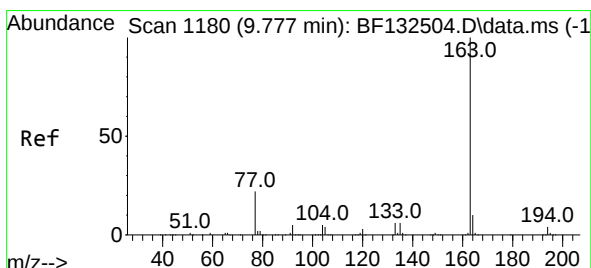
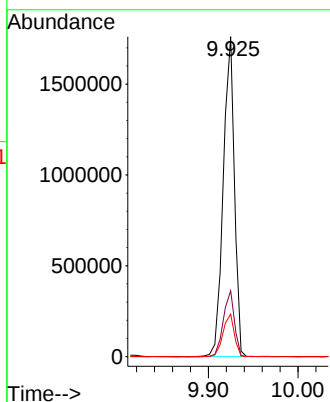
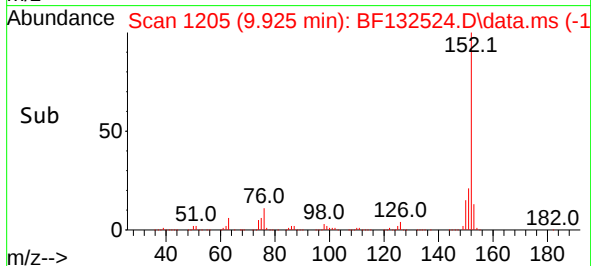
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



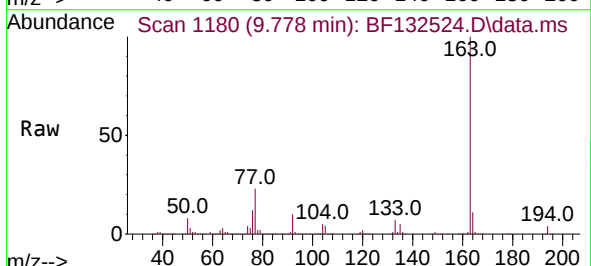
Tgt Ion:152 Resp: 1525036
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.3 11.0 16.6

Manual Integrations
APPROVED

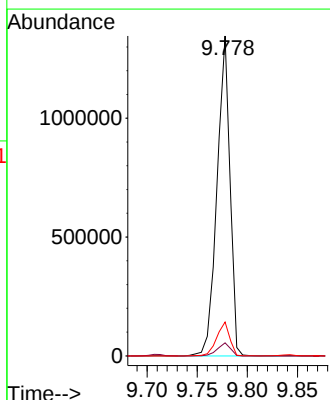
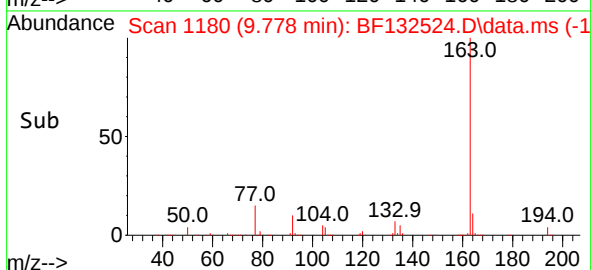
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

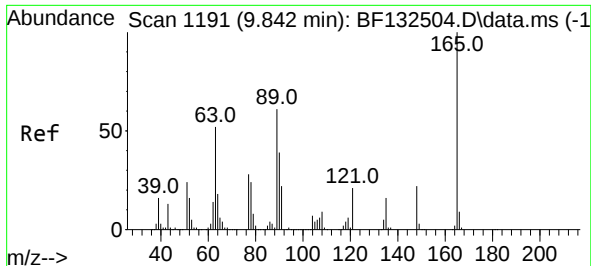


#50
Dimethylphthalate
Concen: 45.236 ng
RT: 9.778 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



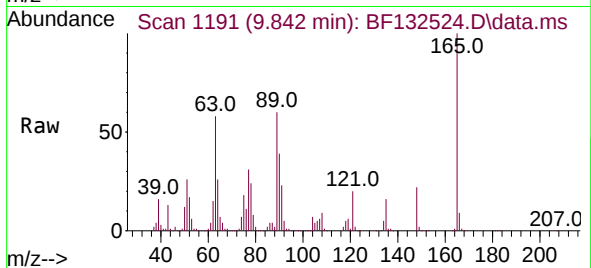
Tgt Ion:163 Resp: 1208591
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.6 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 45.274 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

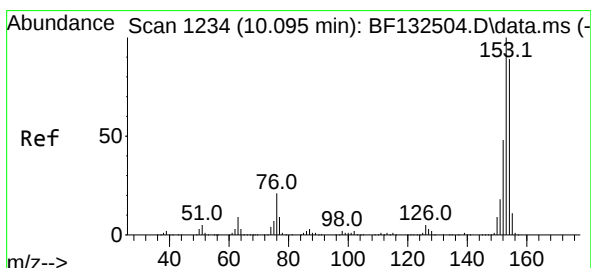
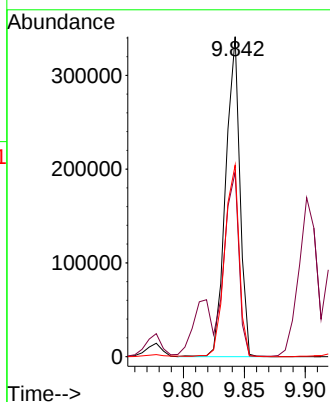
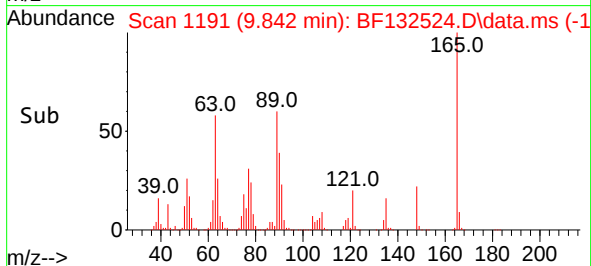
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



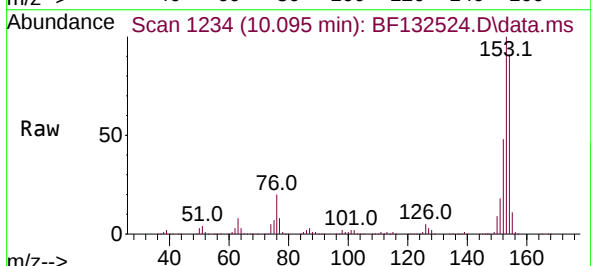
Tgt Ion:165 Resp: 275472
Ion Ratio Lower Upper
165 100
63 57.6 47.3 70.9
89 59.8 48.9 73.3

Manual Integrations
APPROVED

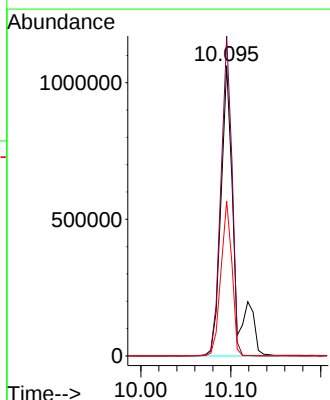
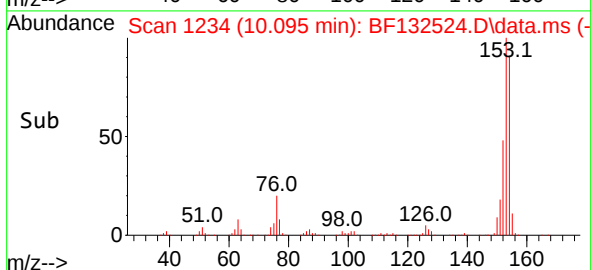
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

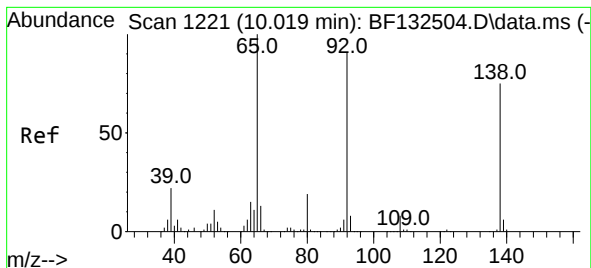


#52
Acenaphthene
Concen: 48.924 ng m
RT: 10.095 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion:154 Resp: 1088680
Ion Ratio Lower Upper
154 100
153 110.3 89.8 134.8
152 53.4 43.3 64.9





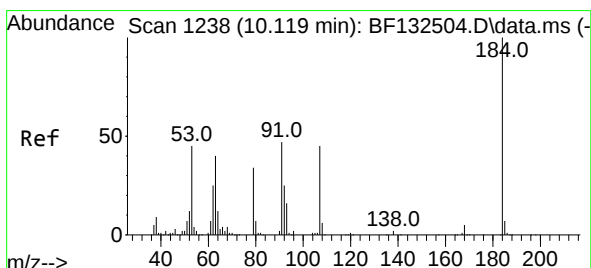
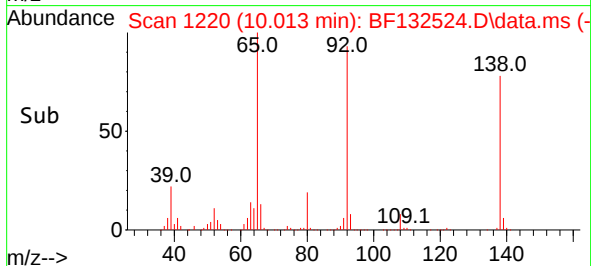
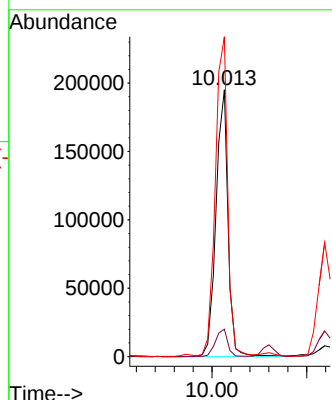
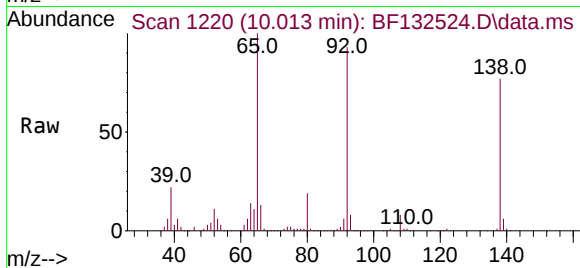
#53
3-Nitroaniline
Concen: 25.254 ng
RT: 10.013 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD

Tgt Ion:138 Resp: 17189
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 119.9 97.2 145.8

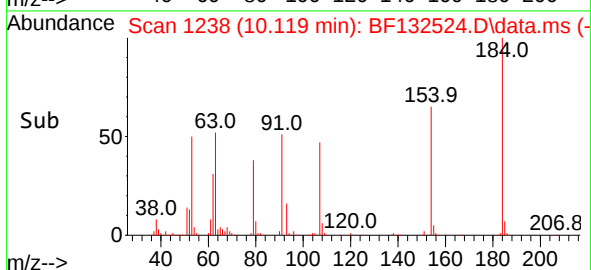
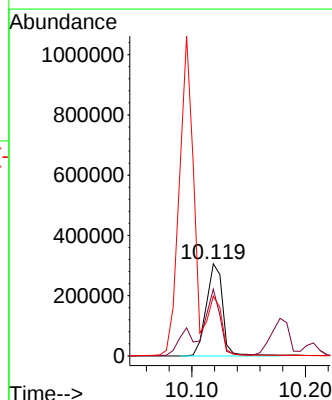
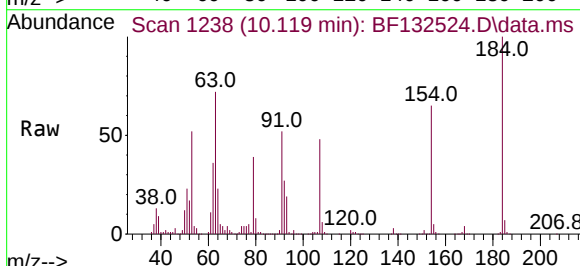
Manual Integrations
APPROVED

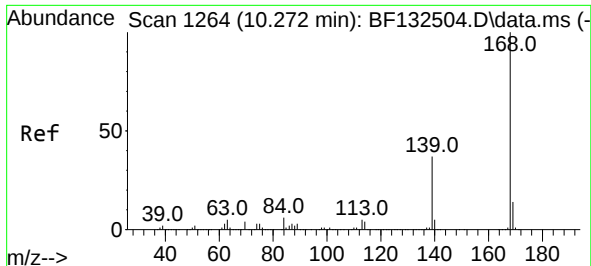
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#54
2,4-Dinitrophenol
Concen: 80.312 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

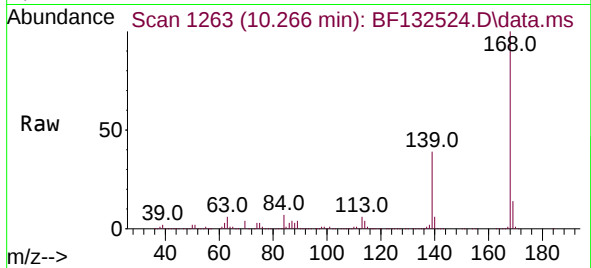
Tgt Ion:184 Resp: 307968
Ion Ratio Lower Upper
184 100
63 72.3 51.4 77.2
154 64.9 48.3 72.5





#55
Dibenzofuran
Concen: 43.394 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

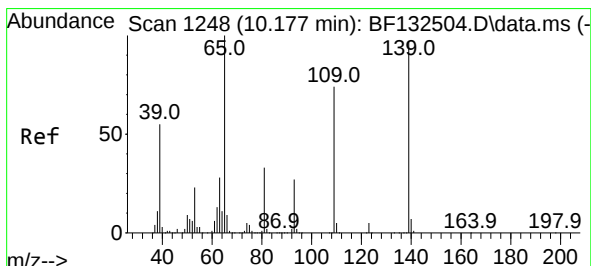
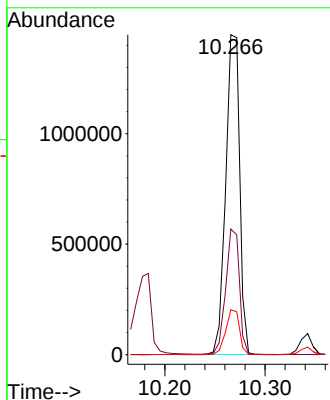
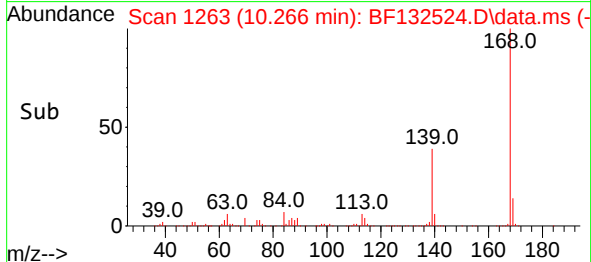
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:168 Resp: 1407739
Ion Ratio Lower Upper
168 100
139 39.2 29.8 44.6
169 14.0 10.9 16.3

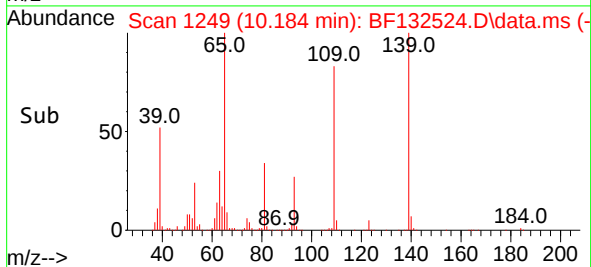
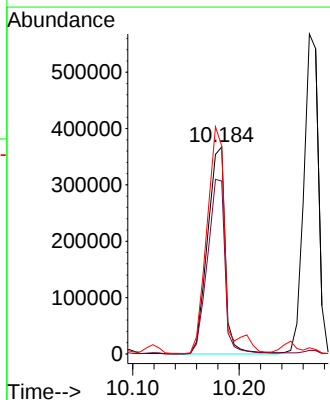
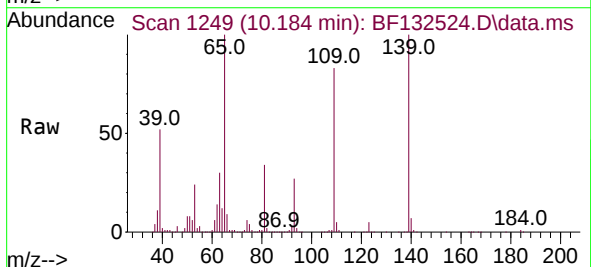
Manual Integrations
APPROVED

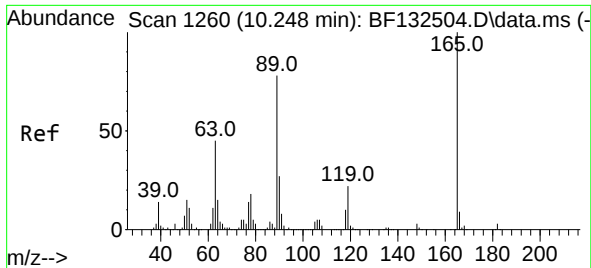
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#56
4-Nitrophenol
Concen: 83.298 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

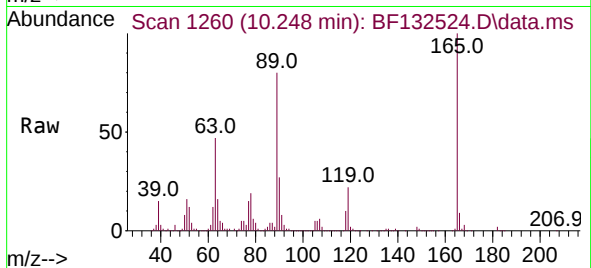
Tgt Ion:139 Resp: 422815
Ion Ratio Lower Upper
139 100
109 83.5 56.7 96.7
65 100.5 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 45.887 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

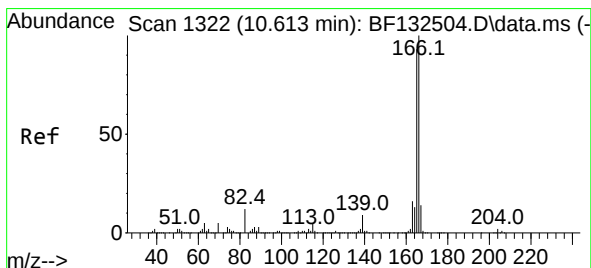
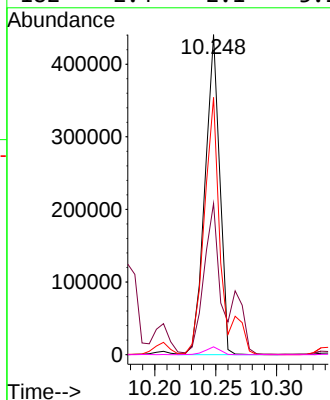
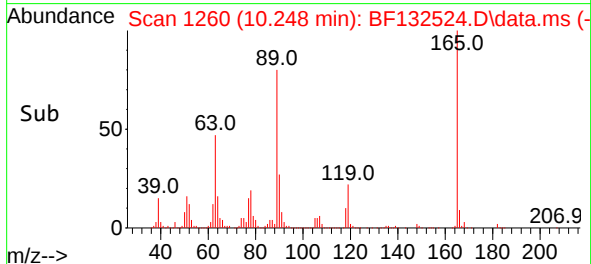
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:165 Resp: 371445
Ion Ratio Lower Upper
165 100
63 47.2 36.5 54.7
89 80.3 62.4 93.6
182 2.4 2.1 3.1

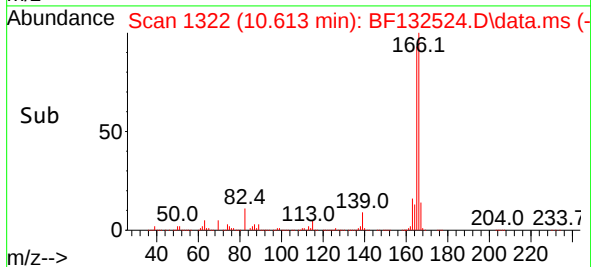
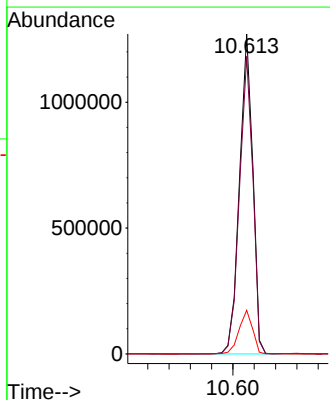
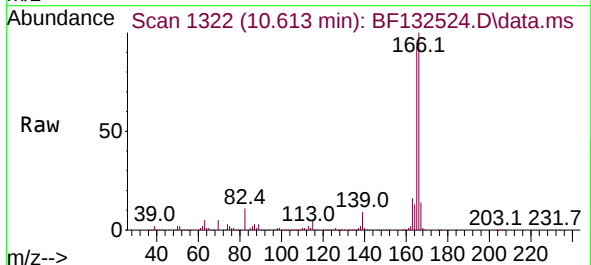
Manual Integrations
APPROVED

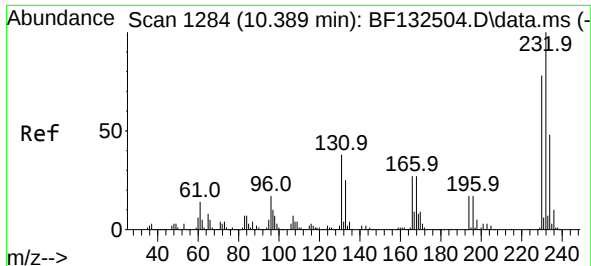
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#58
Fluorene
Concen: 44.093 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

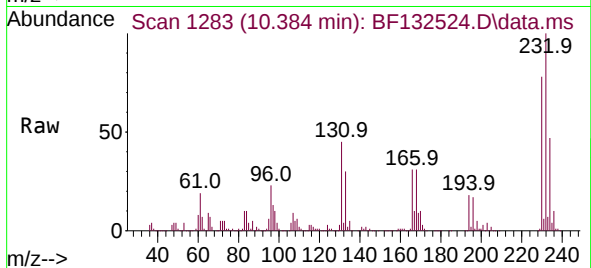
Tgt Ion:166 Resp: 1094119
Ion Ratio Lower Upper
166 100
165 92.9 74.2 111.4
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.246 ng
RT: 10.384 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

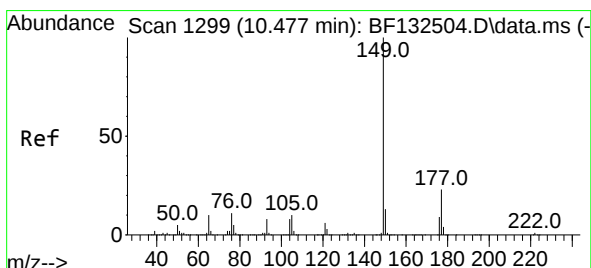
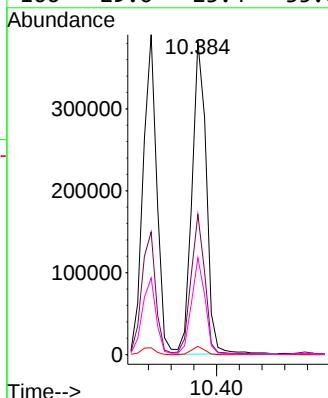
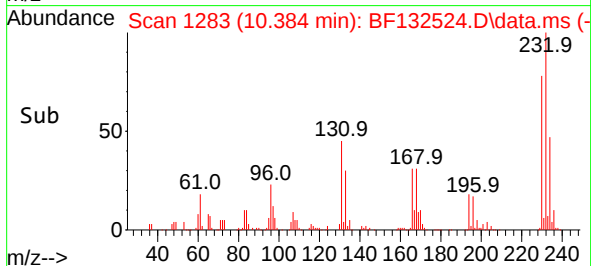
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



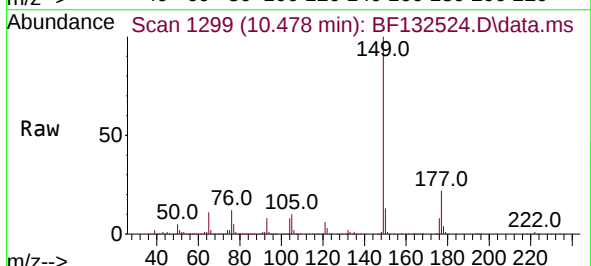
Tgt Ion:232 Resp: 333263
Ion Ratio Lower Upper
232 100
131 43.5 33.8 50.8
130 2.4 1.7 2.5
166 29.6 23.4 35.0

Manual Integrations
APPROVED

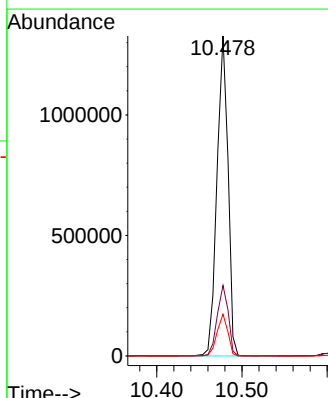
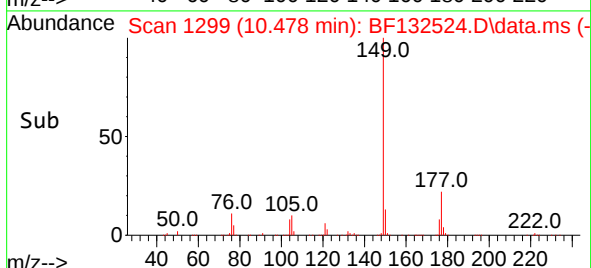
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

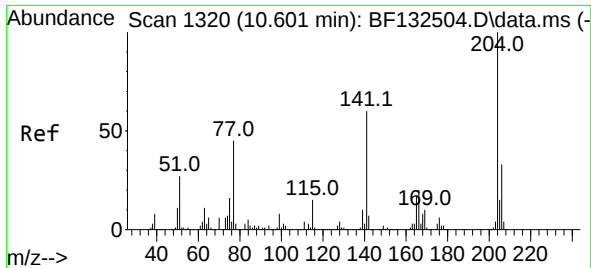


#60
Diethylphthalate
Concen: 45.709 ng
RT: 10.478 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



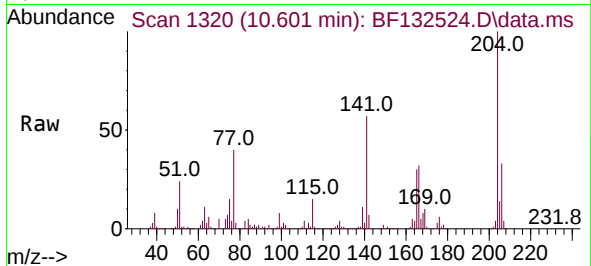
Tgt Ion:149 Resp: 1192703
Ion Ratio Lower Upper
149 100
177 22.0 18.1 27.1
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.751 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

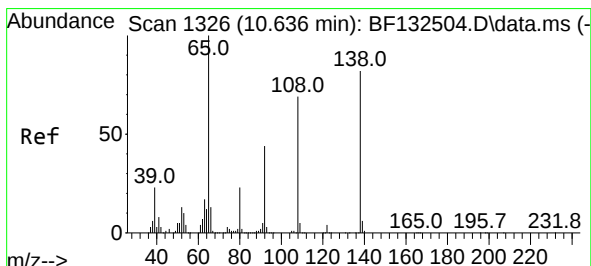
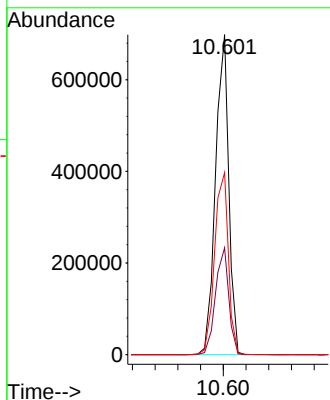
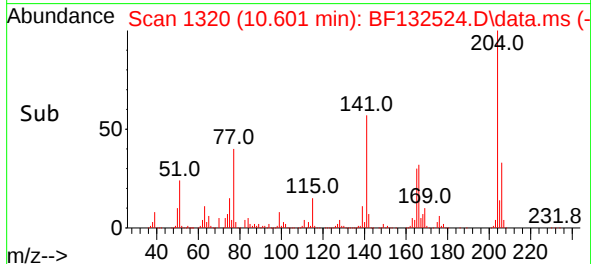
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:204 Resp: 563199
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 56.9 47.8 71.8

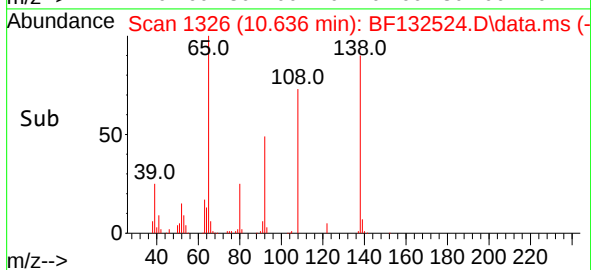
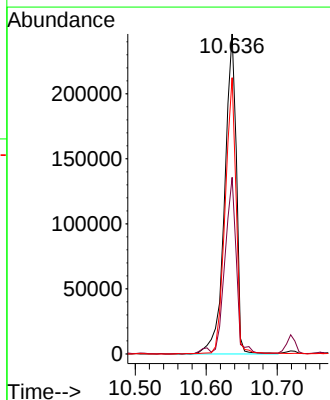
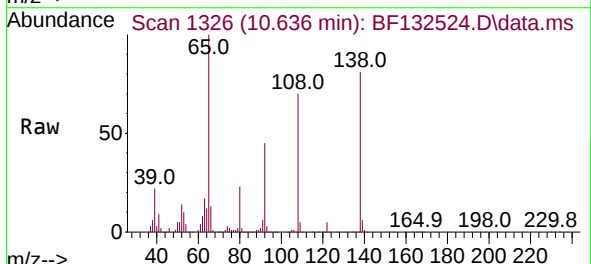
Manual Integrations
APPROVED

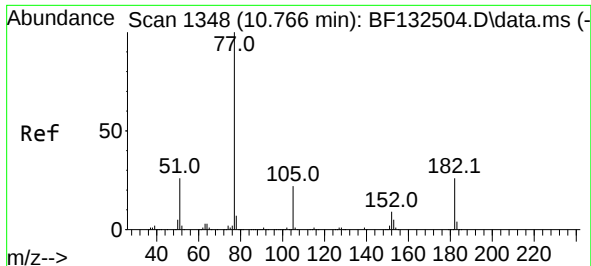
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#62
4-Nitroaniline
Concen: 42.365 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

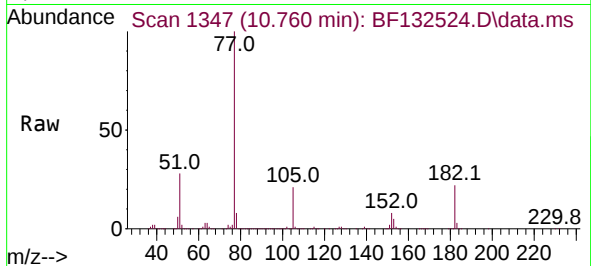
Tgt Ion:138 Resp: 283048
Ion Ratio Lower Upper
138 100
92 55.2 33.8 73.8
108 86.3 63.7 103.7





#63
Azobenzene
Concen: 47.932 ng
RT: 10.760 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

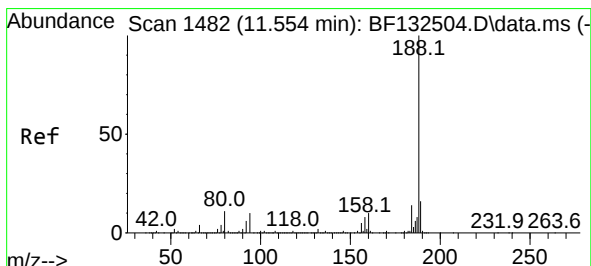
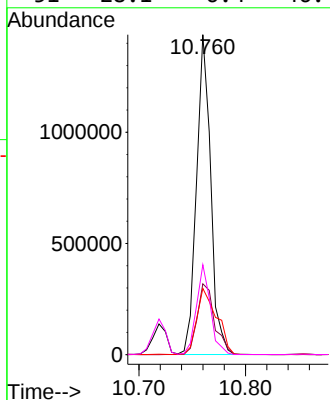
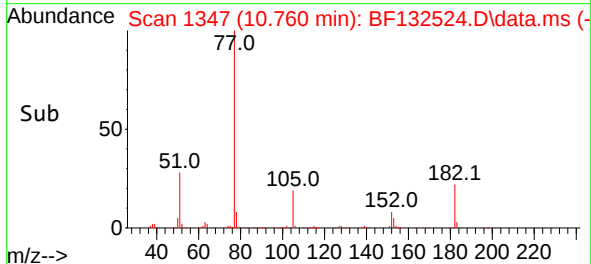
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



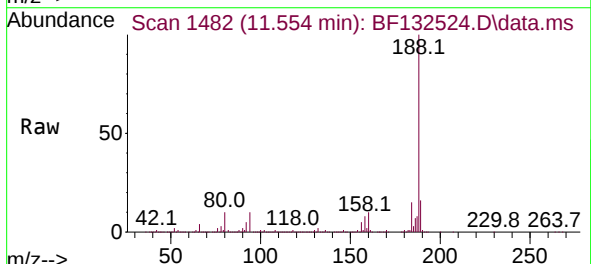
Tgt Ion: 77 Resp: 1324600
Ion Ratio Lower Upper
77 100
182 22.1 5.5 45.5
105 20.7 1.8 41.8
51 28.1 6.4 46.4

Manual Integrations
APPROVED

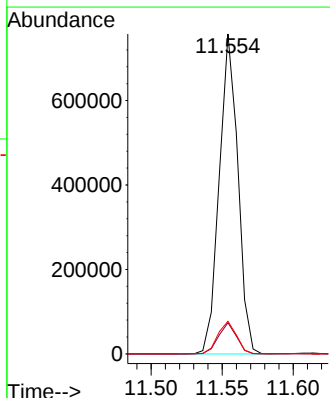
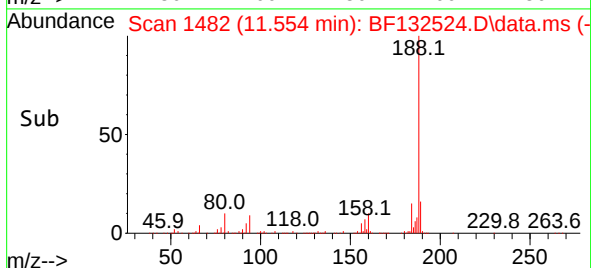
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

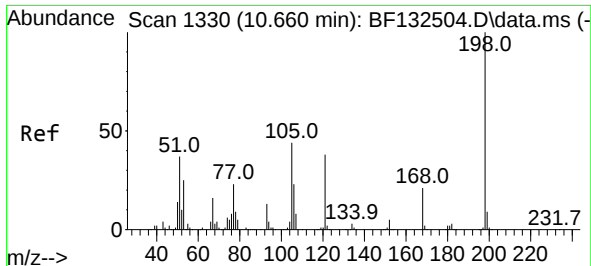


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion:188 Resp: 694008
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.2 8.7 13.1





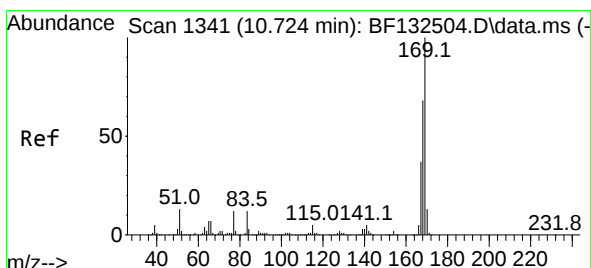
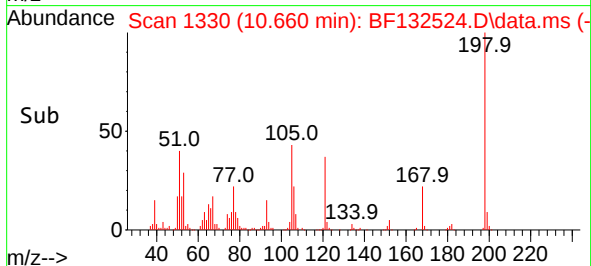
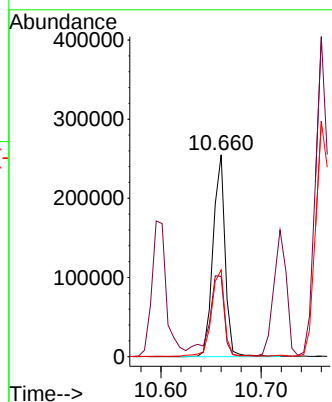
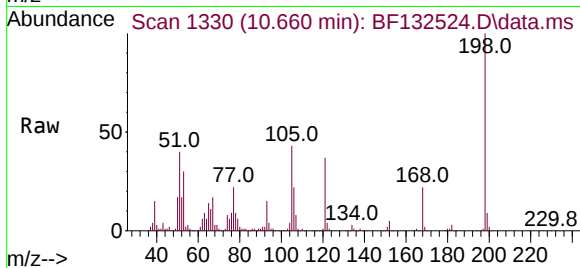
#65
4,6-Dinitro-2-methylphenol
Concen: 45.361 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD

Tgt Ion:198 Resp: 213108
Ion Ratio Lower Upper
198 100
51 39.8 20.6 60.6
105 42.9 24.3 64.3

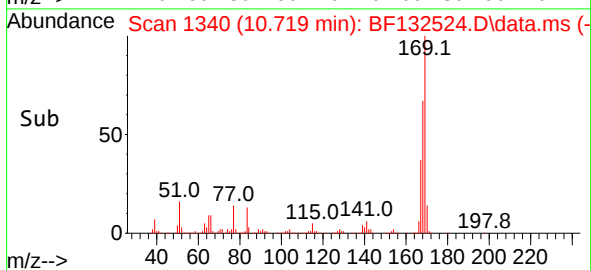
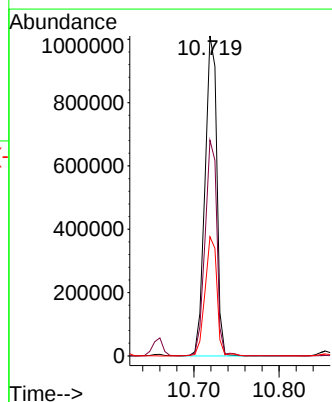
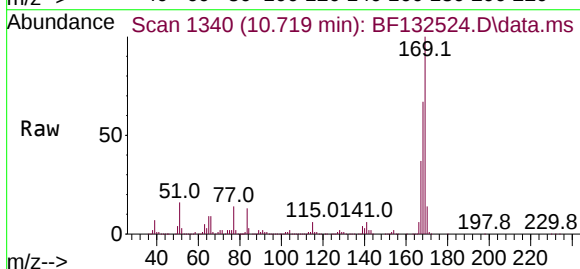
Manual Integrations
APPROVED

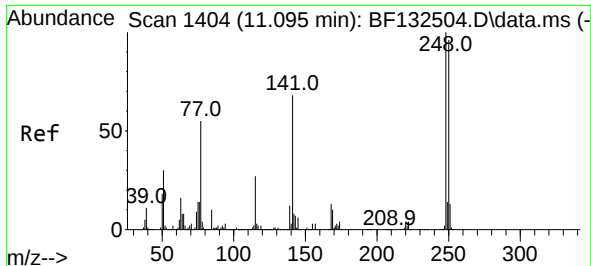
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#66
n-Nitrosodiphenylamine
Concen: 44.986 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

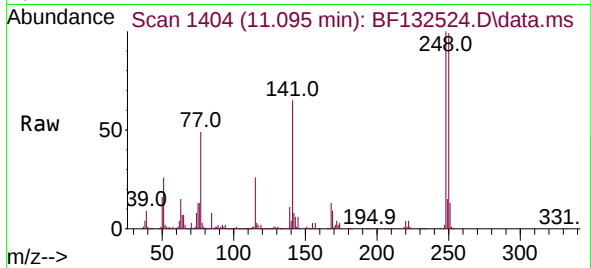
Tgt Ion:169 Resp: 973324
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.4
167 37.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 46.345 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

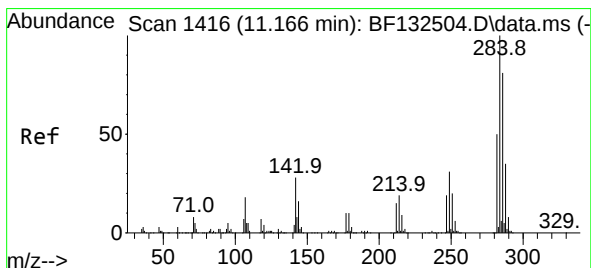
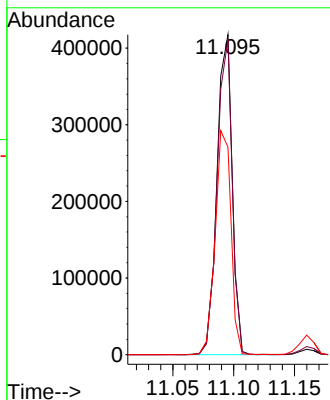
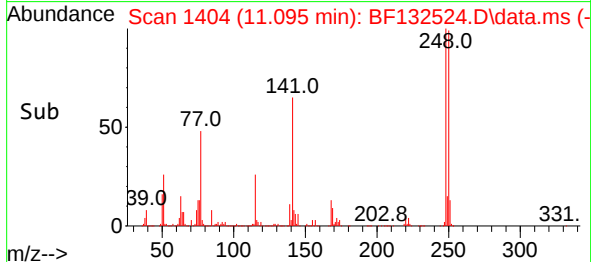
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



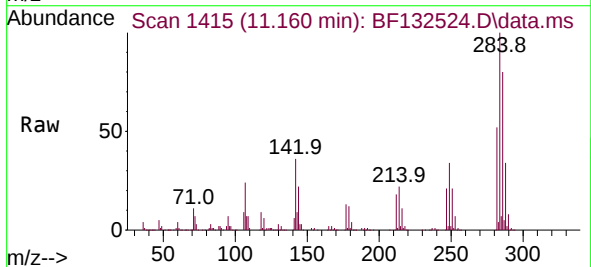
Tgt Ion:248 Resp: 363819
Ion Ratio Lower Upper
248 100
250 98.6 77.0 115.4
141 64.8 54.2 81.2

Manual Integrations
APPROVED

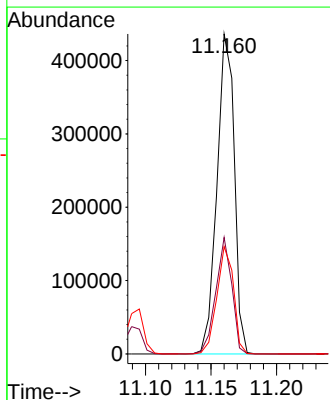
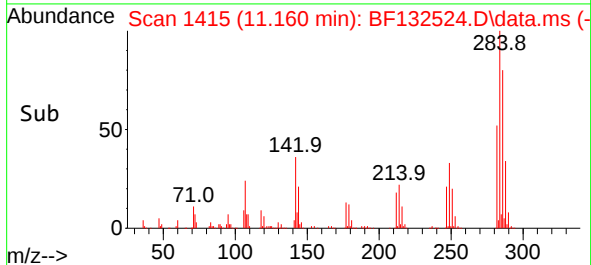
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

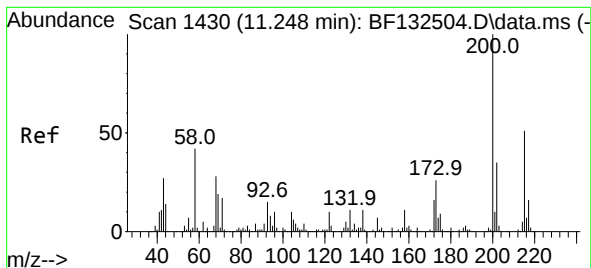


#68
Hexachlorobenzene
Concen: 48.704 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion:284 Resp: 402316
Ion Ratio Lower Upper
284 100
142 36.4 22.2 33.4#
249 33.5 24.9 37.3





#69

Atrazine

Concen: 50.163 ng

RT: 11.248 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

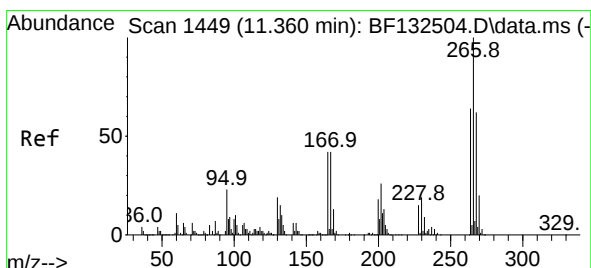
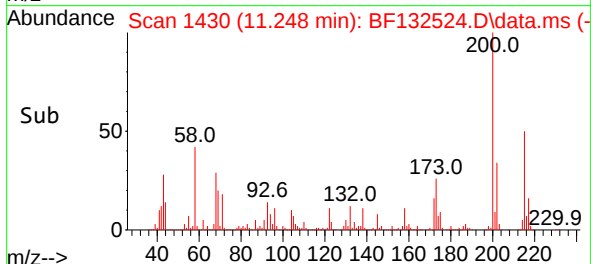
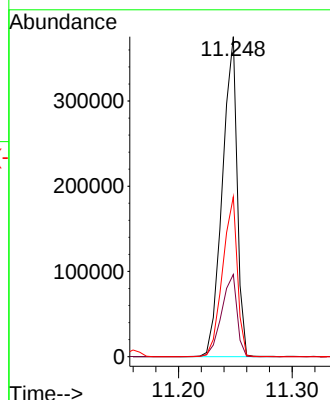
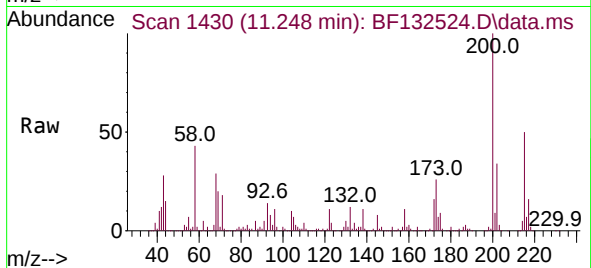
B-17-SB02MSD

Tgt Ion:200 Resp: 338831
 Ion Ratio Lower Upper
 200 100
 173 25.7 6.4 46.4
 215 49.9 31.0 71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023
 Supervised By :Jagrut Upadhyay 02/24/2023



#70

Pentachlorophenol

Concen: 83.895 ng

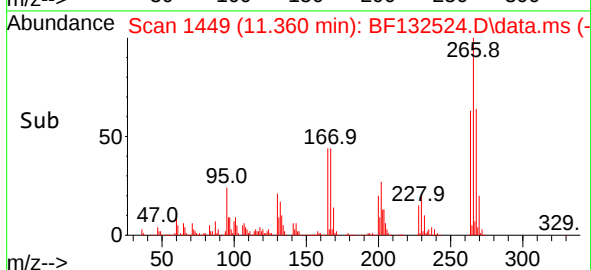
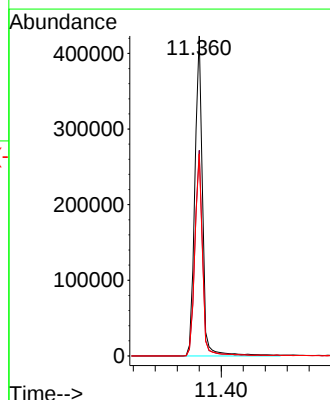
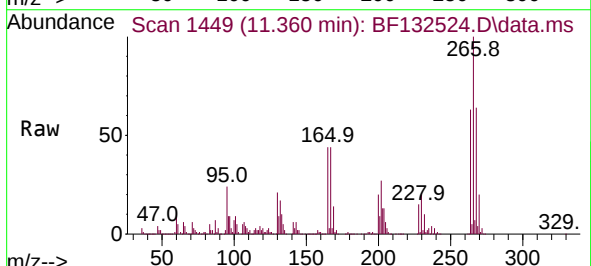
RT: 11.360 min Scan# 1449

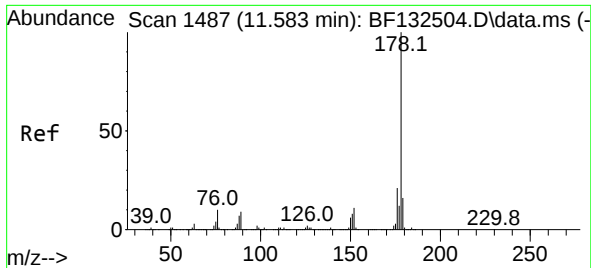
Delta R.T. -0.000 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Tgt Ion:266 Resp: 412313
 Ion Ratio Lower Upper
 266 100
 268 64.2 49.8 74.6
 264 63.1 50.9 76.3





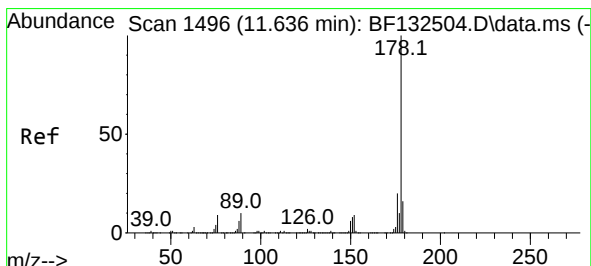
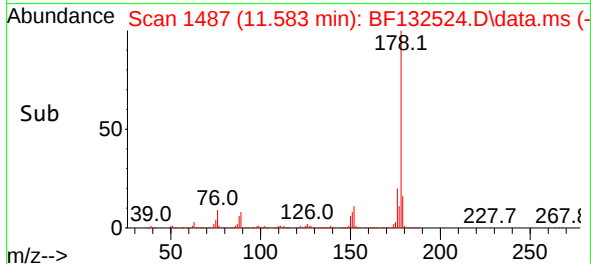
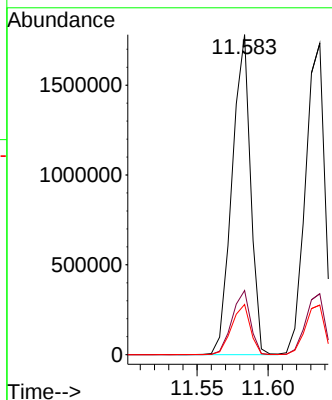
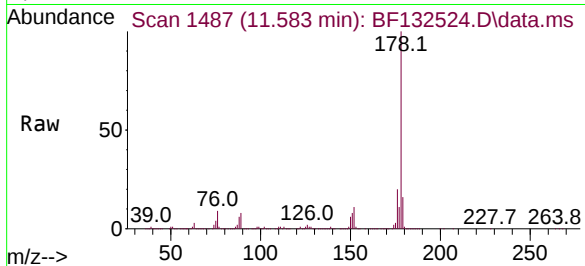
#71
Phenanthrene
Concen: 44.770 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD

Tgt Ion:178 Resp: 1609630
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.7 13.0 19.6

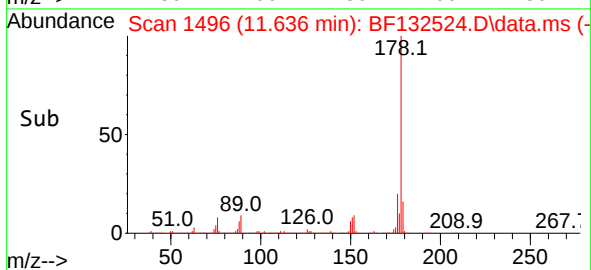
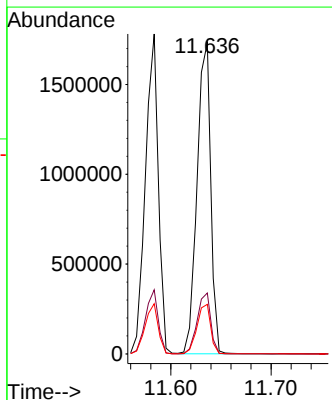
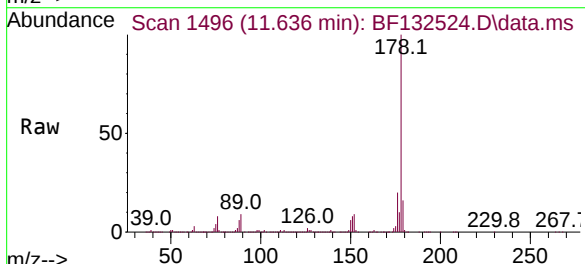
Manual Integrations
APPROVED

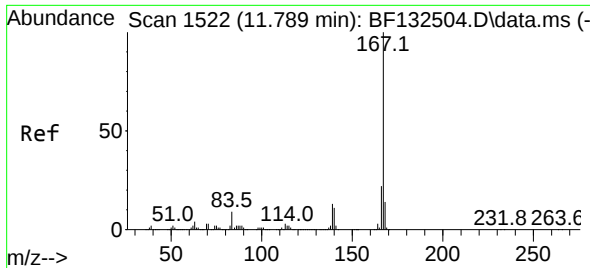
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#72
Anthracene
Concen: 44.184 ng
RT: 11.636 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

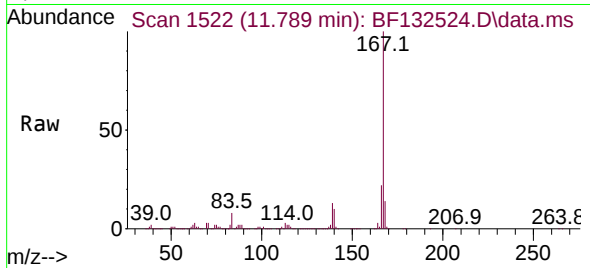
Tgt Ion:178 Resp: 1635832
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 43.744 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132524.D
 Acq: 23 Feb 2023 17:08

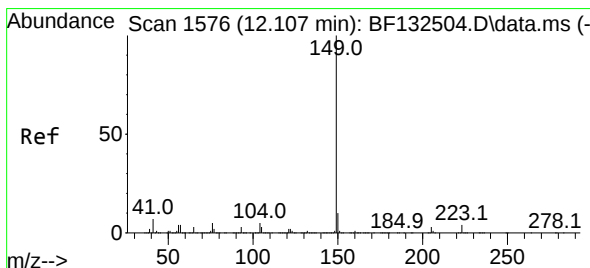
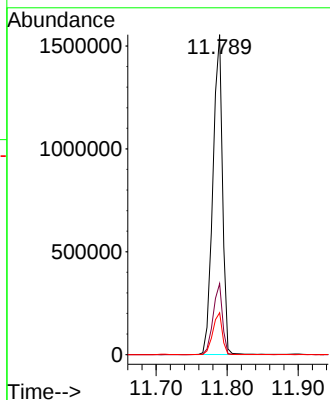
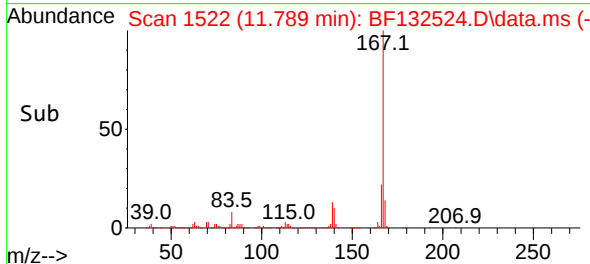
Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MSD



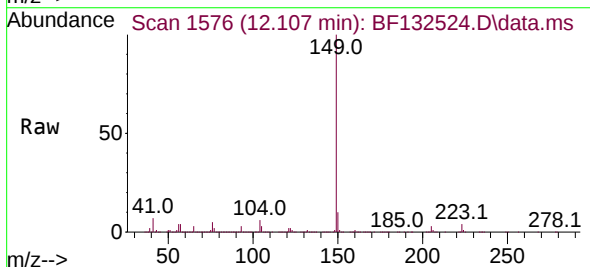
Tgt Ion:167 Resp: 1460205
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.7 26.5
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

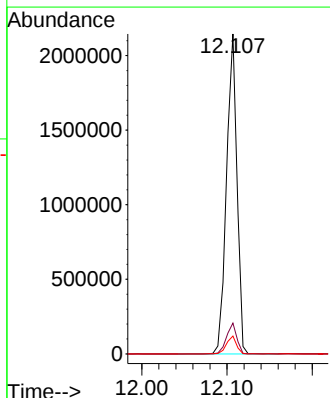
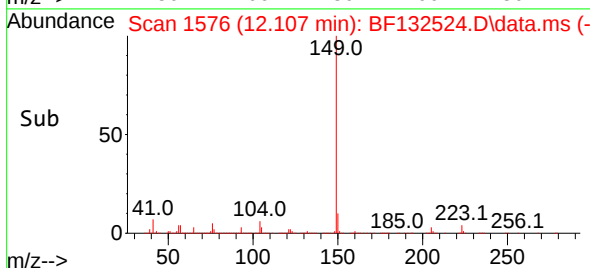
Reviewed By :Christian Giraldo 02/24/2023
 Supervised By :Jagrut Upadhyay 02/24/2023

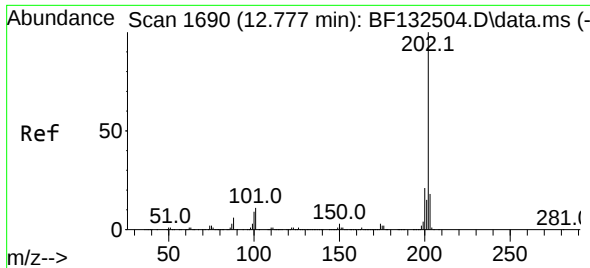


#74
 Di-n-butylphthalate
 Concen: 46.559 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132524.D
 Acq: 23 Feb 2023 17:08



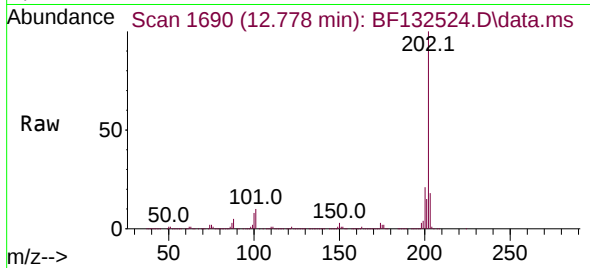
Tgt Ion:149 Resp: 1823037
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.6 4.3 6.5





#75
Fluoranthene
Concen: 42.538 ng
RT: 12.778 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

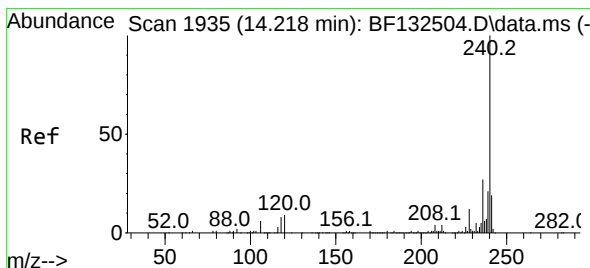
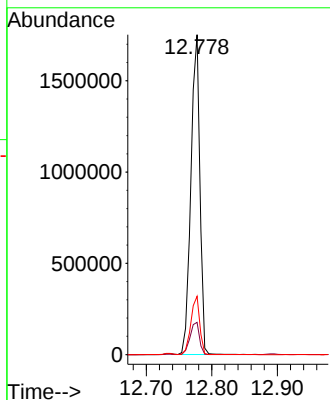
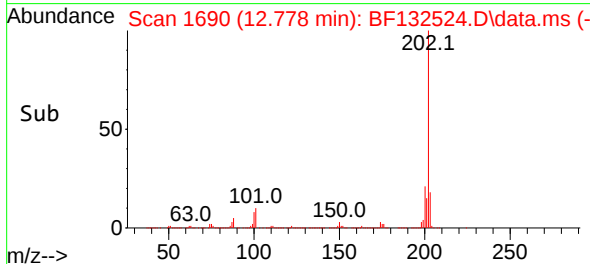
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



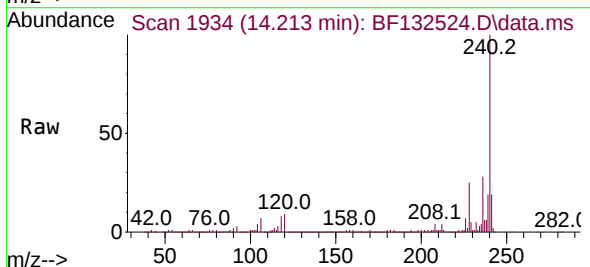
Tgt Ion:202 Resp: 1671904
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.4
203 18.3 0.0 38.0

Manual Integrations
APPROVED

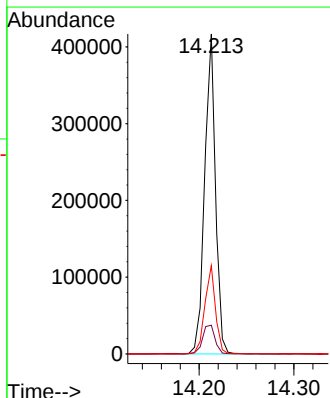
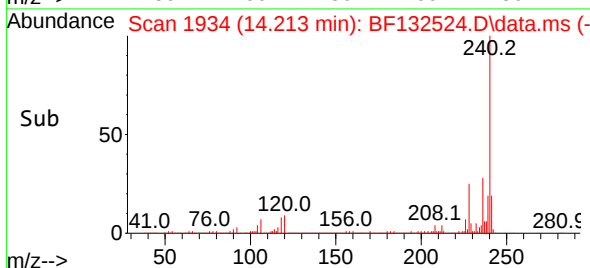
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

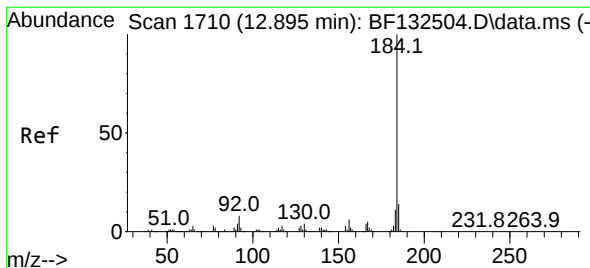


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion:240 Resp: 331401
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 27.6 21.8 32.6





#77

Benzidine

Concen: 73.556 ng

RT: 12.895 min Scan# 1710

Delta R.T. 0.000 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MSD

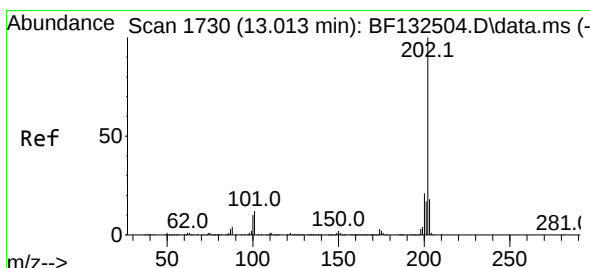
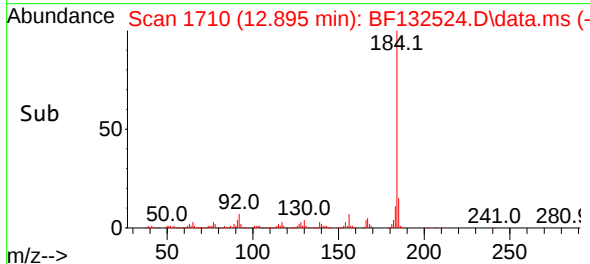
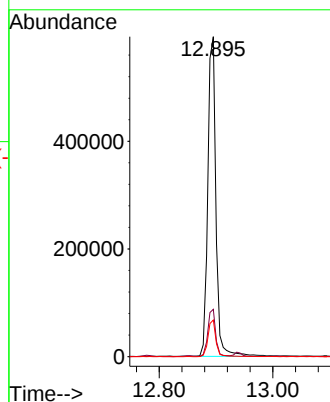
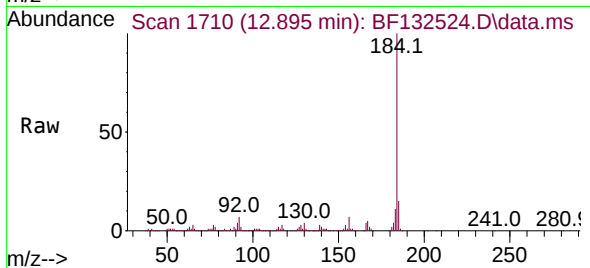
Tgt Ion:184 Resp: 593397

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.7	17.5
183	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#78

Pyrene

Concen: 55.193 ng

RT: 13.007 min Scan# 1729

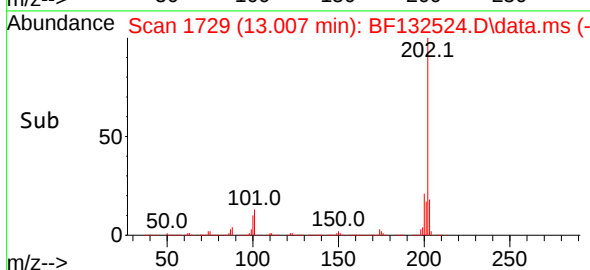
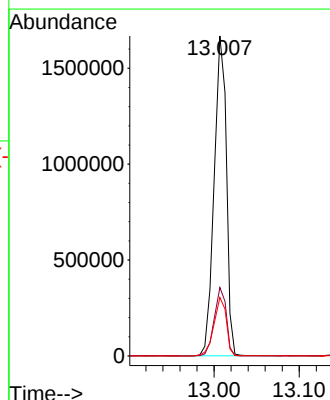
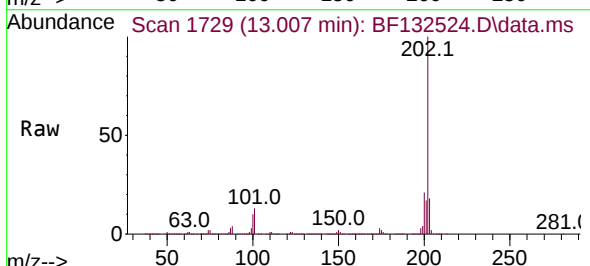
Delta R.T. -0.006 min

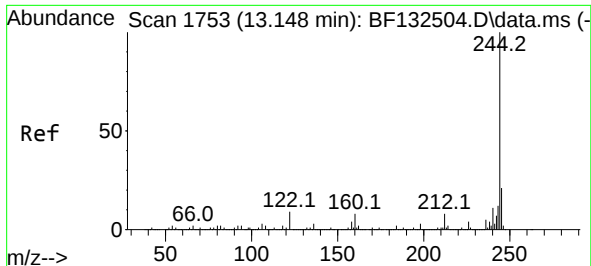
Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Tgt Ion:202 Resp: 1662980

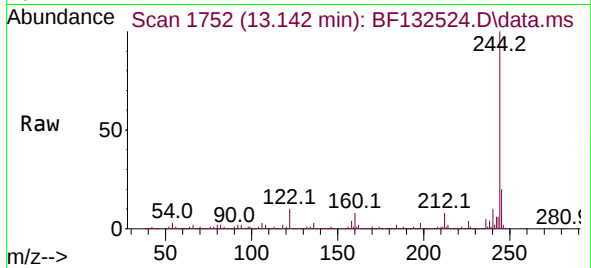
Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	18.3	14.6	21.8





#79
 Terphenyl-d14
 Concen: 87.293 ng
 RT: 13.142 min Scan# 1753
 Delta R.T. -0.006 min
 Lab File: BF132524.D
 Acq: 23 Feb 2023 17:08

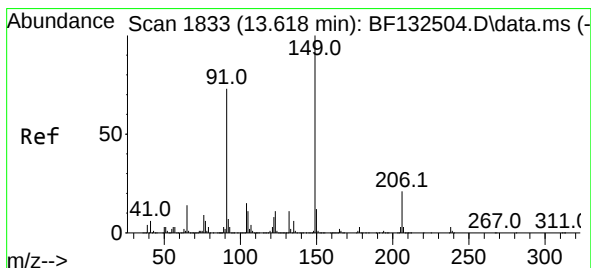
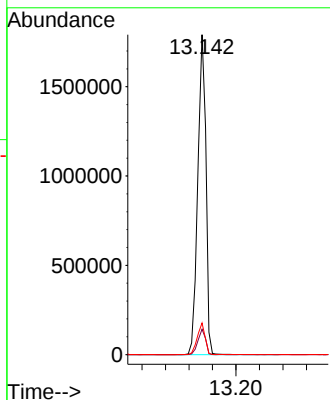
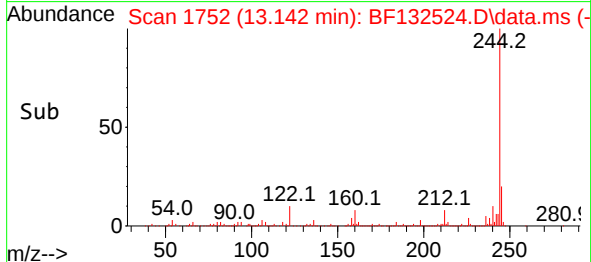
Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MSD



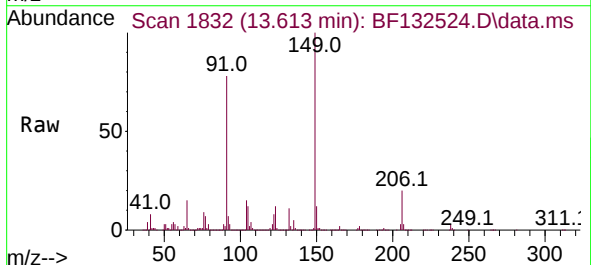
Tgt Ion:244 Resp: 1711024
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.9 7.5 11.3

Manual Integrations
 APPROVED

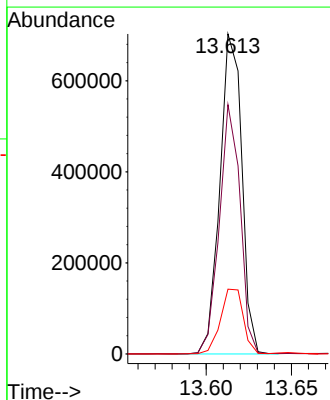
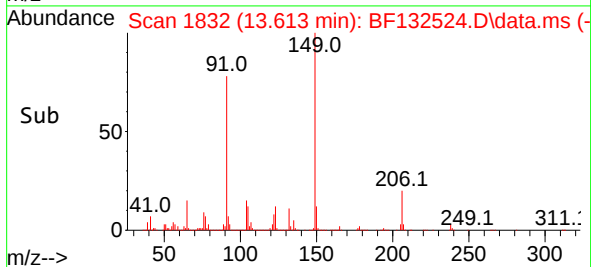
Reviewed By :Christian Giraldo 02/24/2023
 Supervised By :Jagrut Upadhyay 02/24/2023

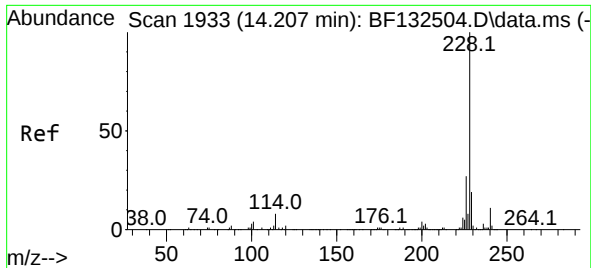


#80
 Butylbenzylphthalate
 Concen: 52.812 ng
 RT: 13.613 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF132524.D
 Acq: 23 Feb 2023 17:08



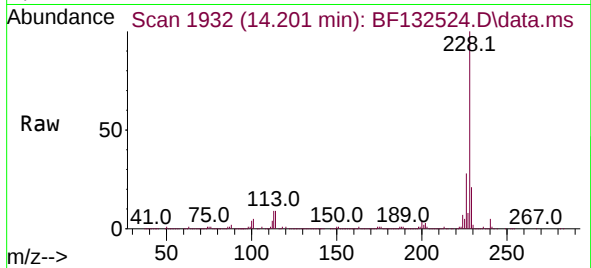
Tgt Ion:149 Resp: 627936
 Ion Ratio Lower Upper
 149 100
 91 77.9 58.4 87.6
 206 20.2 16.8 25.2





#81
Benzo(a)anthracene
Concen: 46.177 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

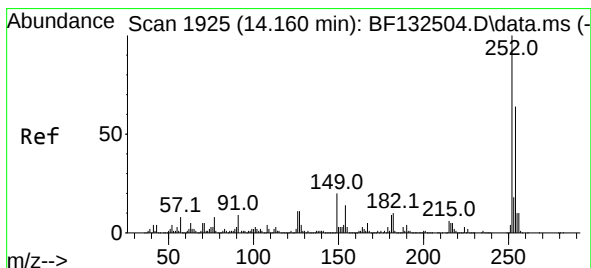
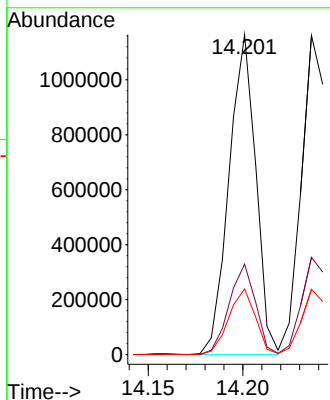
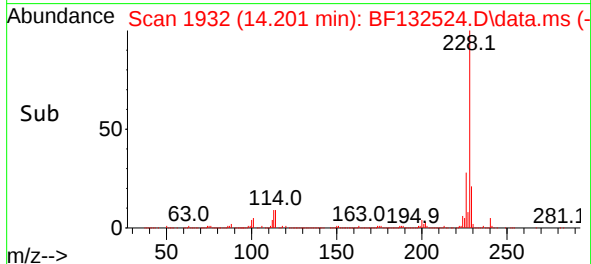
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



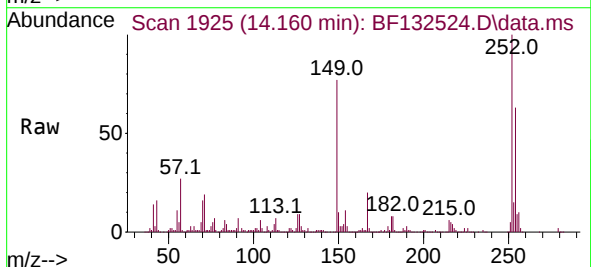
Tgt Ion:228 Resp: 1145012
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.5 15.4 23.2

Manual Integrations
APPROVED

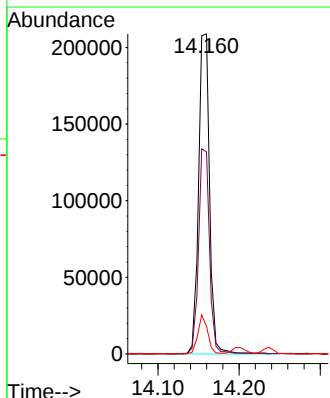
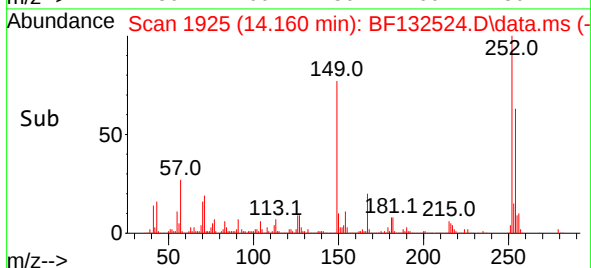
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

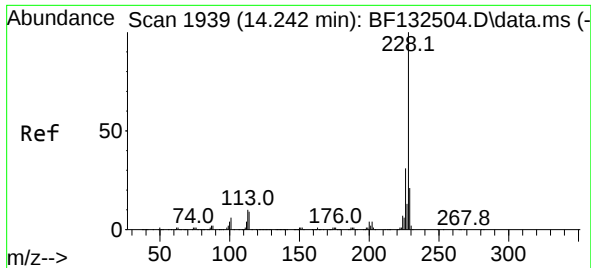


#82
3,3'-Dichlorobenzidine
Concen: 26.766 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



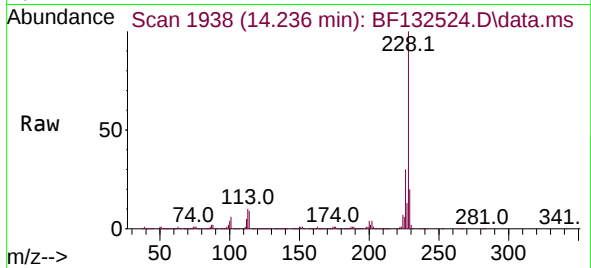
Tgt Ion:252 Resp: 195672
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 8.6 8.9 13.3#





#83
Chrysene
Concen: 45.923 ng
RT: 14.236 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

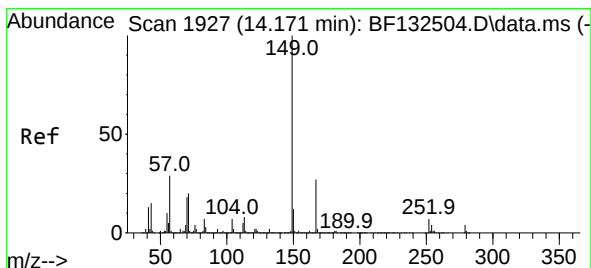
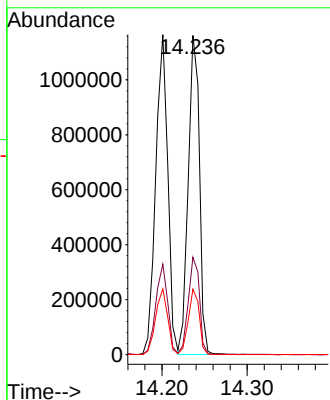
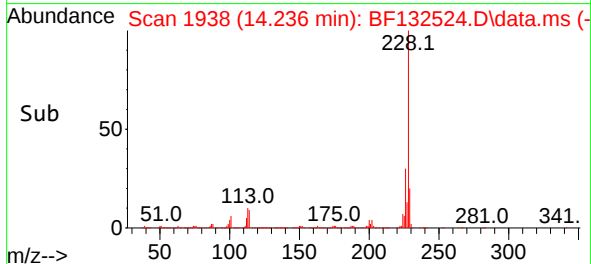
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



Tgt Ion:228 Resp: 1064833
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 20.5 16.4 24.6

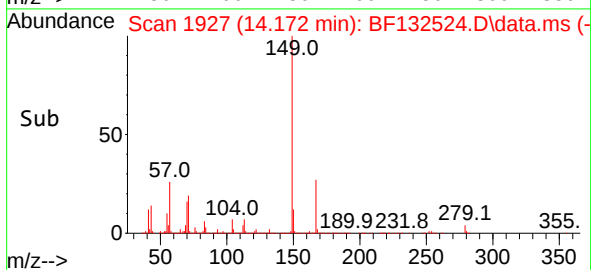
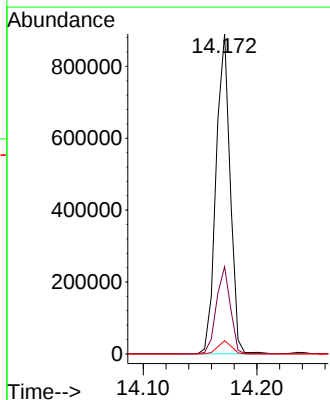
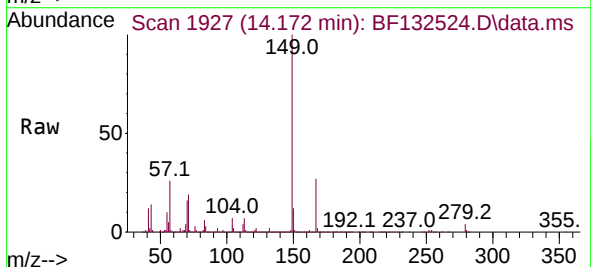
Manual Integrations
APPROVED

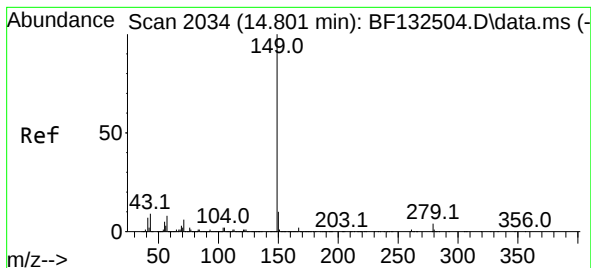
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.455 ng
RT: 14.172 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Tgt Ion:149 Resp: 766170
Ion Ratio Lower Upper
149 100
167 27.2 21.8 32.6
279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 52.590 ng

RT: 14.795 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MSD

Tgt Ion:149 Resp: 1122499

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

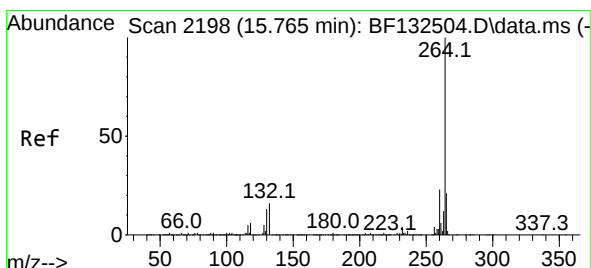
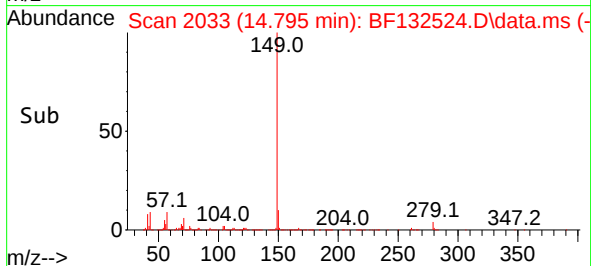
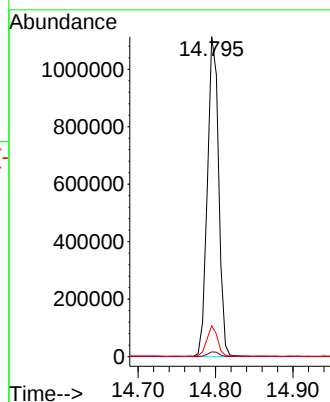
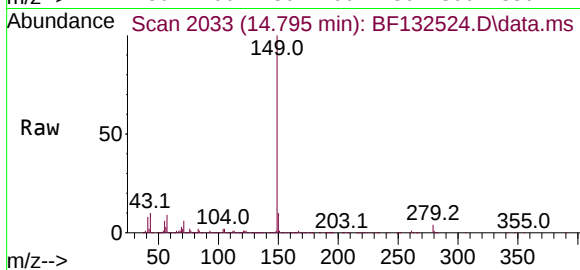
43 9.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.760 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

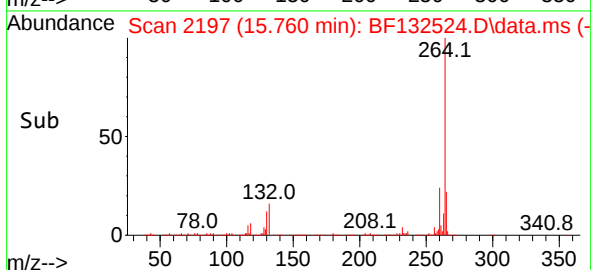
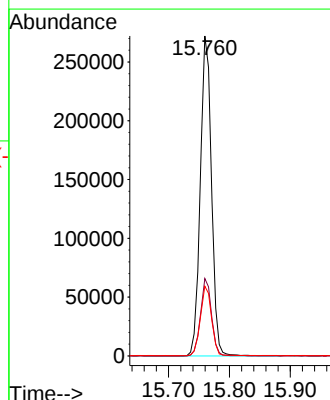
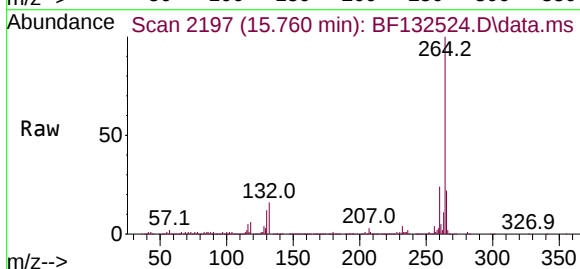
Tgt Ion:264 Resp: 347220

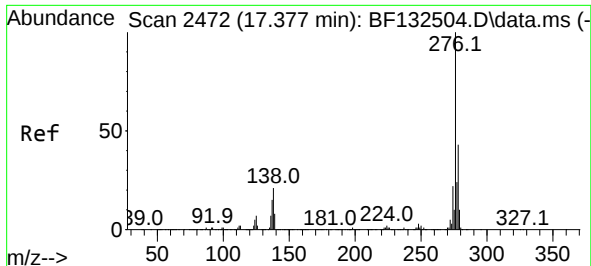
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.8 17.1 25.7





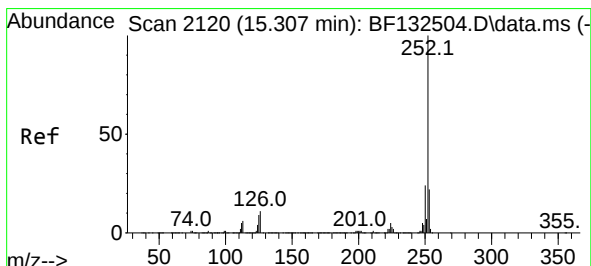
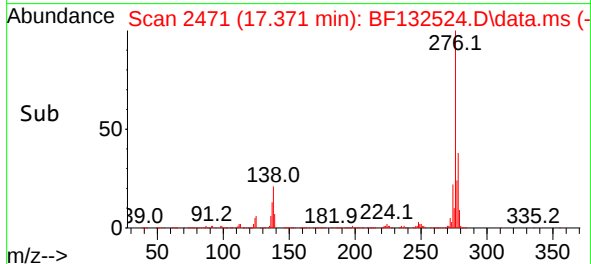
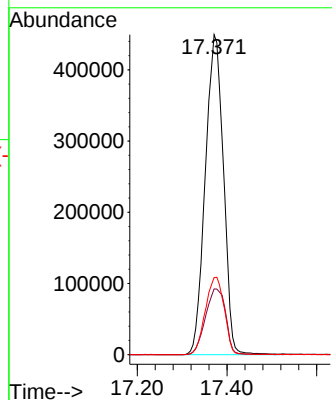
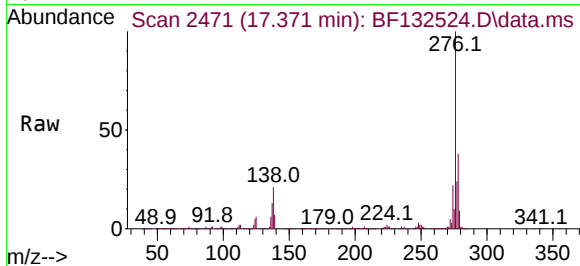
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.440 ng
RT: 17.371 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD

Tgt Ion:276 Resp: 1261336
Ion Ratio Lower Upper
276 100
138 22.9 19.0 28.4
277 25.2 20.0 30.0

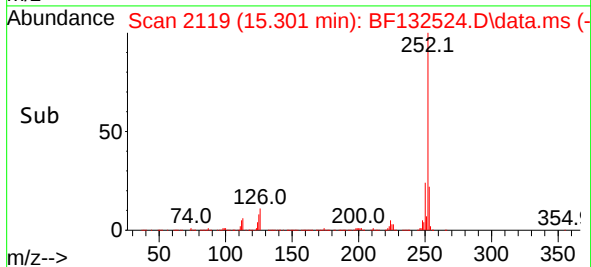
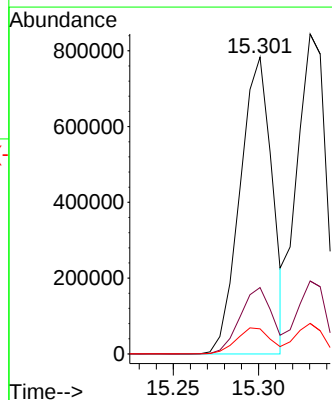
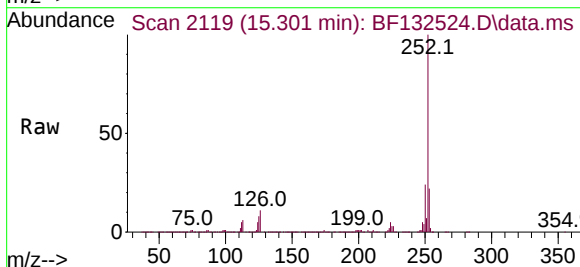
Manual Integrations
APPROVED

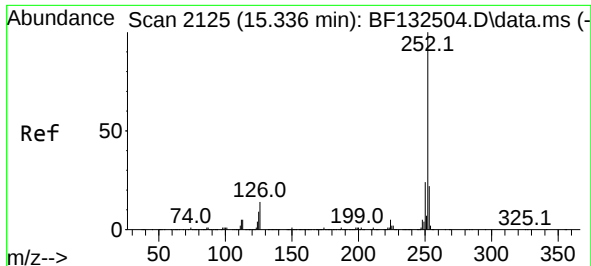
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#88
Benzo(b)fluoranthene
Concen: 44.219 ng
RT: 15.301 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

Tgt Ion:252 Resp: 1028931
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 44.228 ng

RT: 15.330 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MSD

Tgt Ion:252 Resp: 1007203

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

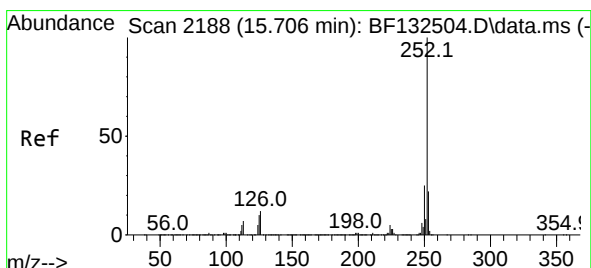
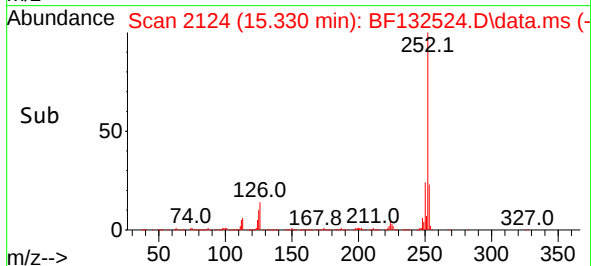
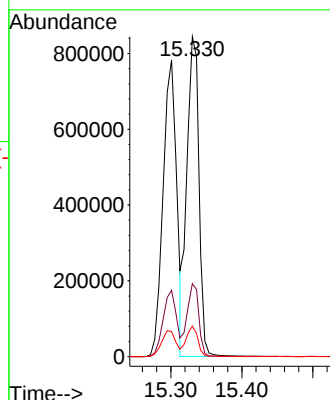
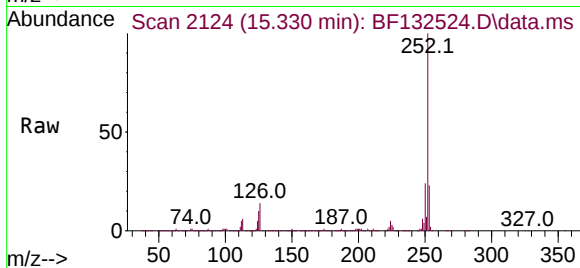
125 9.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#90

Benzo(a)pyrene

Concen: 43.345 ng

RT: 15.695 min Scan# 2186

Delta R.T. -0.012 min

Lab File: BF132524.D

Acq: 23 Feb 2023 17:08

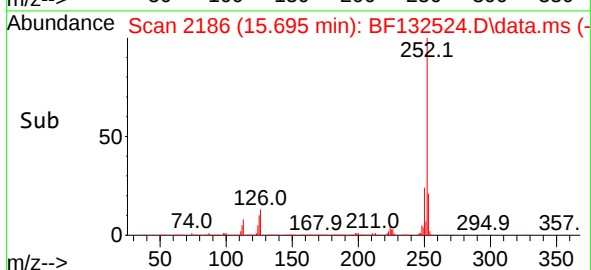
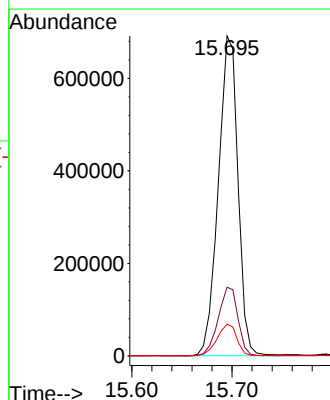
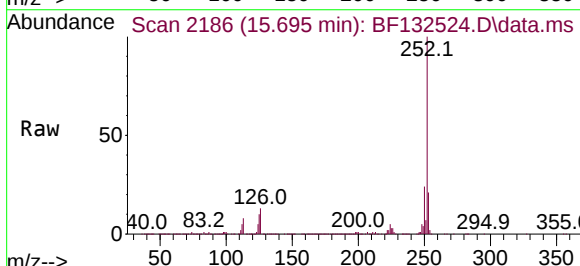
Tgt Ion:252 Resp: 943960

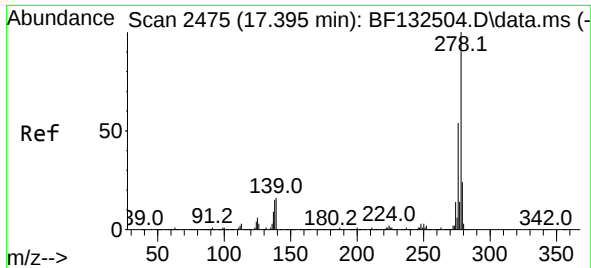
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

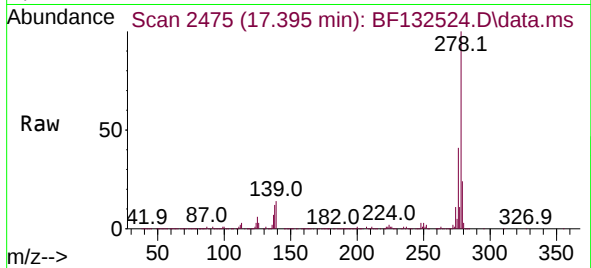
125 9.9 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 55.763 ng
RT: 17.395 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08

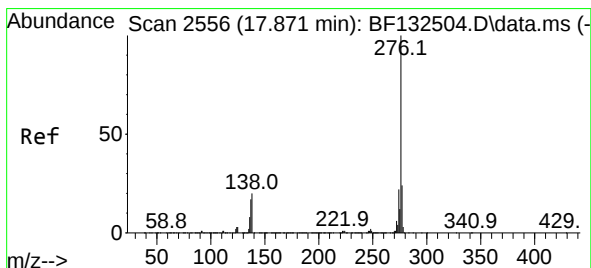
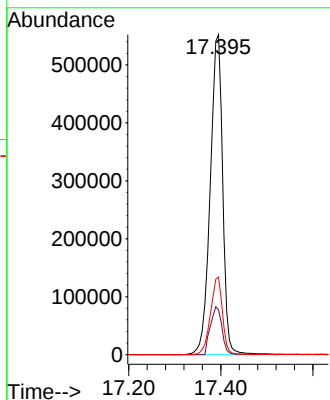
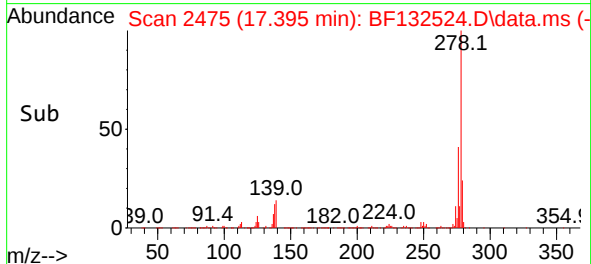
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MSD



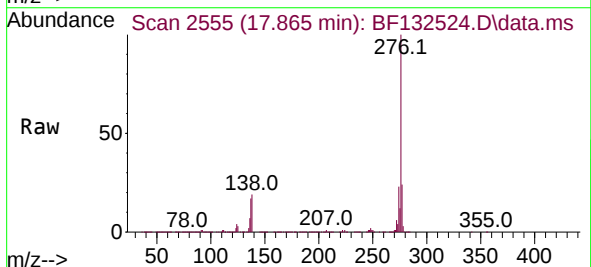
Tgt Ion:278 Resp: 1033684
Ion Ratio Lower Upper
278 100
139 14.0 13.0 19.4
279 24.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#92
Benzo(g,h,i)perylene
Concen: 50.264 ng
RT: 17.865 min Scan# 2555
Delta R.T. -0.006 min
Lab File: BF132524.D
Acq: 23 Feb 2023 17:08



Tgt Ion:276 Resp: 1054625
Ion Ratio Lower Upper
276 100
277 23.8 18.9 28.3
138 19.3 16.2 24.4

