

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132523.D
 Acq On : 23 Feb 2023 16:36
 Operator : CG\JU
 Sample : 01657-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MS

Quant Time: Feb 24 00:37:38 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	167104	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	636138	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	351044	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	679849	20.000	ng	0.00
76) Chrysene-d12	14.213	240	316093	20.000	ng	0.00
86) Perylene-d12	15.760	264	341781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1045390	101.532	ng	0.01
7) Phenol-d6	6.643	99	1379213	102.640	ng	0.00
23) Nitrobenzene-d5	7.578	82	916932	68.387	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	397196	104.770	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	1481482	64.260	ng	0.00
79) Terphenyl-d14	13.142	244	1623932	86.862	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.978	88	250043	43.903	ng	99
3) Pyridine	3.725	79	631596	41.778	ng	99
4) n-Nitrosodimethylamine	3.690	42	276979	48.504	ng	99
6) Aniline	6.672	93	628925	34.779	ng	99
8) 2-Chlorophenol	6.796	128	540388	50.569	ng	98
9) Benzaldehyde	6.560	77	318705	43.954	ng	96
10) Phenol	6.654	94	709429	46.050	ng	98
11) bis(2-Chloroethyl)ether	6.743	93	574515	48.307	ng	97
12) 1,3-Dichlorobenzene	6.954	146	566018	49.358	ng	98
13) 1,4-Dichlorobenzene	7.025	146	566942	49.512	ng	98
14) 1,2-Dichlorobenzene	7.178	146	548682	49.929	ng	99
15) Benzyl Alcohol	7.154	79	521997	50.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.278	45	759466	50.077	ng	98
17) 2-Methylphenol	7.260	107	454852	45.608	ng	99
18) Hexachloroethane	7.525	117	222632	49.767	ng	95
19) n-Nitroso-di-n-propyla...	7.425	70	386589	46.746	ng	96
20) 3+4-Methylphenols	7.413	107	523706	40.646	ng	96
22) Acetophenone	7.419	105	719265	44.840	ng	# 92
24) Nitrobenzene	7.595	77	645629	45.024	ng	96
25) Isophorone	7.831	82	1181627	45.966	ng	98
26) 2-Nitrophenol	7.913	139	297760	47.062	ng	98
27) 2,4-Dimethylphenol	7.943	122	458155	45.881	ng	97
28) bis(2-Chloroethoxy)met...	8.037	93	694018	46.151	ng	99
29) 2,4-Dichlorophenol	8.154	162	458189	46.126	ng	98
30) 1,2,4-Trichlorobenzene	8.237	180	504201	46.745	ng	97
31) Naphthalene	8.319	128	1460494	44.847	ng	99
32) Benzoic acid	8.072	122	334678m	42.968	ng	
33) 4-Chloroaniline	8.360	127	149211	10.692	ng	97
34) Hexachlorobutadiene	8.431	225	333010	48.586	ng	98
35) Caprolactam	8.748	113	157797m	48.186	ng	
36) 4-Chloro-3-methylphenol	8.854	107	515780	47.281	ng	97
37) 2-Methylnaphthalene	9.013	142	965383	43.498	ng	98
38) 1-Methylnaphthalene	9.113	142	912523	43.997	ng	99
40) 1,2,4,5-Tetrachloroben...	9.178	216	515111	44.849	ng	99
41) Hexachlorocyclopentadiene	9.166	237	619399	99.429	ng	99
43) 2,4,6-Trichlorophenol	9.289	196	360037	46.256	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.337	196	390635	43.000	ng	96
46) 1,1'-Biphenyl	9.478	154	1184641	44.586	ng	99
47) 2-Chloronaphthalene	9.507	162	959612	45.553	ng	99
48) 2-Nitroaniline	9.601	65	339210	43.720	ng	97
49) Acenaphthylene	9.925	152	1479255	44.122	ng	99
50) Dimethylphthalate	9.778	163	1172678	45.879	ng	99
51) 2,6-Dinitrotoluene	9.842	165	268851	46.185	ng	97
52) Acenaphthene	10.095	154	1042594m	48.973	ng	
53) 3-Nitroaniline	10.013	138	159950	24.564	ng	97
54) 2,4-Dinitrophenol	10.119	184	299215	81.533	ng	95
55) Dibenzofuran	10.266	168	1366608	44.033	ng	97
56) 4-Nitrophenol	10.178	139	409909	84.410	ng	90
57) 2,4-Dinitrotoluene	10.248	165	362800	46.848	ng	98
58) Fluorene	10.613	166	1057210	44.533	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.384	232	321094	47.581	ng	98
60) Diethylphthalate	10.478	149	1162497	46.568	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	552646	44.874	ng	97
62) 4-Nitroaniline	10.636	138	272627	42.652	ng	98
63) Azobenzene	10.760	77	1291367	48.845	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	202511	44.003	ng	92
66) n-Nitrosodiphenylamine	10.719	169	951058	44.872	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	359222	46.712	ng	98
68) Hexachlorobenzene	11.160	284	393385	48.615	ng	# 89
69) Atrazine	11.248	200	330749	49.986	ng	98
70) Pentachlorophenol	11.360	266	397661	82.599	ng	98
71) Phenanthrene	11.583	178	1560613	44.311	ng	98
72) Anthracene	11.636	178	1578781	43.531	ng	100
73) Carbazole	11.789	167	1402572	42.893	ng	99
74) Di-n-butylphthalate	12.107	149	1759872	45.882	ng	100
75) Fluoranthene	12.778	202	1587040	41.220	ng	98
77) Benzidine	12.895	184	531756	69.108	ng	99
78) Pyrene	13.007	202	1576590	54.860	ng	100
80) Butylbenzylphthalate	13.613	149	587161	51.774	ng	95
81) Benzo(a)anthracene	14.201	228	1088589	46.027	ng	99
82) 3,3'-Dichlorobenzidine	14.154	252	175446	25.162	ng	100
83) Chrysene	14.236	228	1008302	45.591	ng	99
84) Bis(2-ethylhexyl)phtha...	14.172	149	704733	50.586	ng	99
85) Di-n-octyl phthalate	14.795	149	1091208	53.600	ng	100
87) Indeno(1,2,3-cd)pyrene	17.371	276	1247873	55.721	ng	99
88) Benzo(b)fluoranthene	15.301	252	1004720	43.866	ng	99
89) Benzo(k)fluoranthene	15.330	252	982854	43.845	ng	99
90) Benzo(a)pyrene	15.695	252	921748	42.999	ng	99
91) Dibenzo(a,h)anthracene	17.389	278	1010788	55.396	ng	97
92) Benzo(g,h,i)perylene	17.865	276	1045717	50.621	ng	98

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

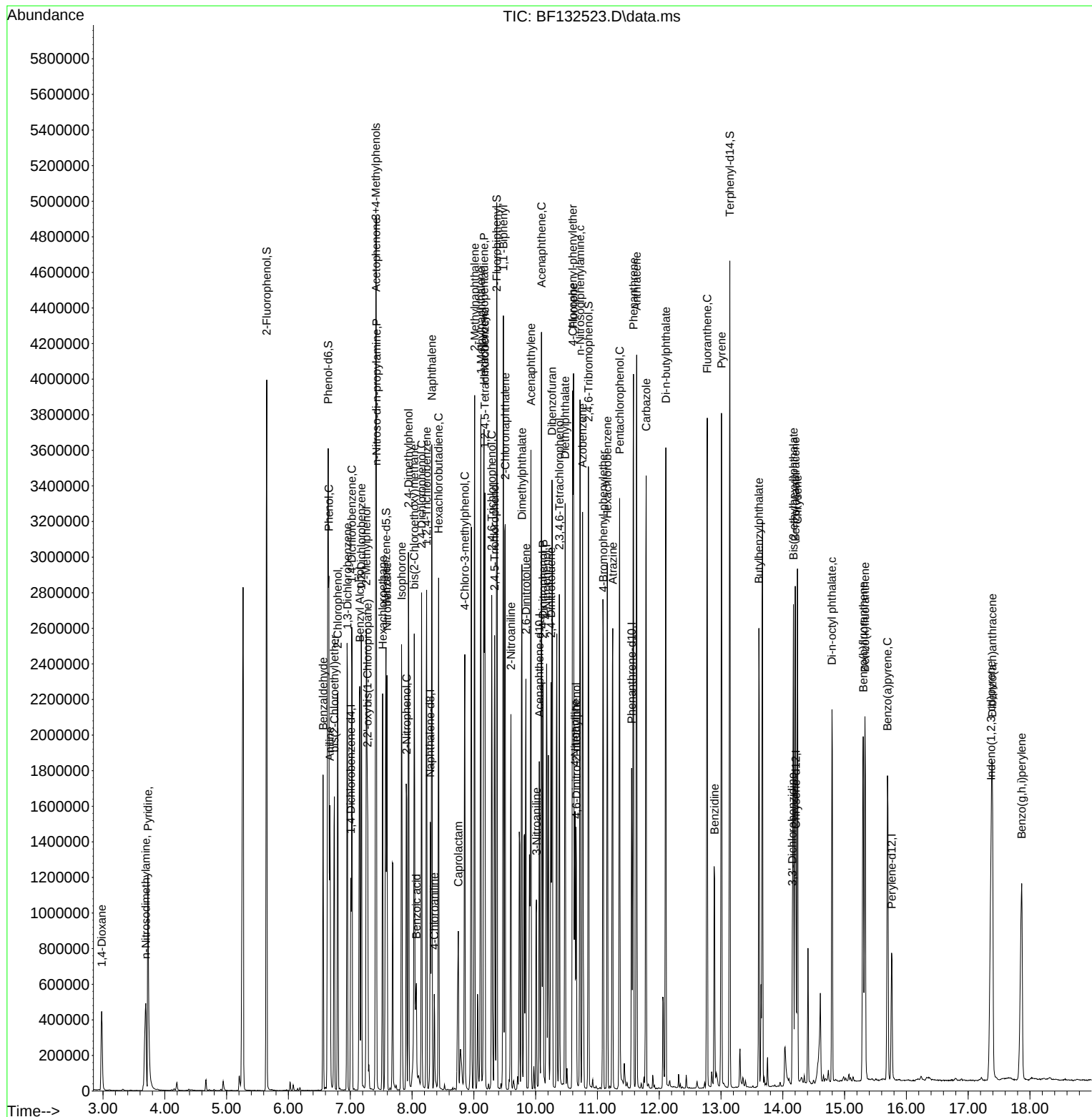
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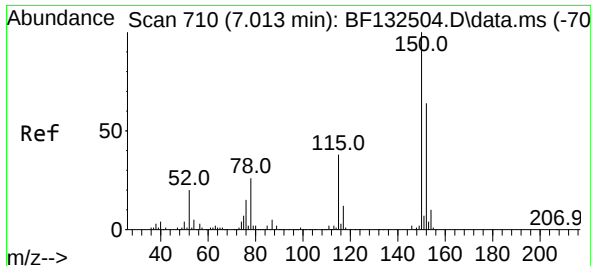
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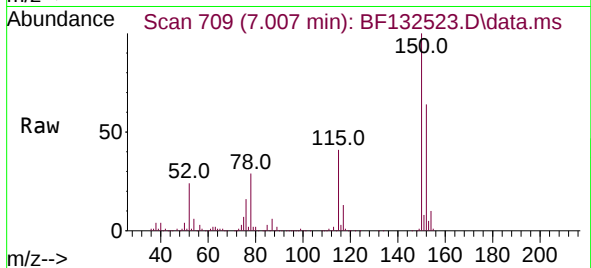
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 Supervised By : Jagrut Upadhyay 02/24/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

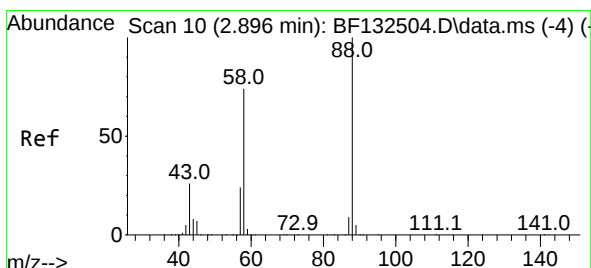
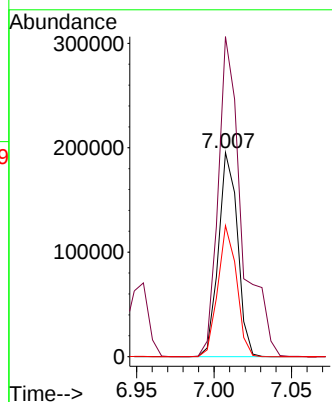
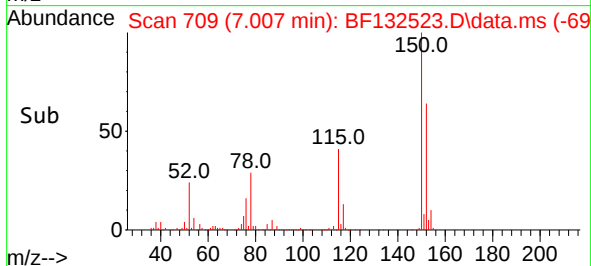
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Tgt Ion:152 Resp: 167104
Ion Ratio Lower Upper
152 100
150 156.8 125.4 188.2
115 64.2 47.8 71.6

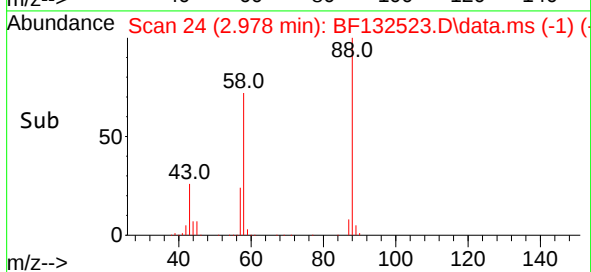
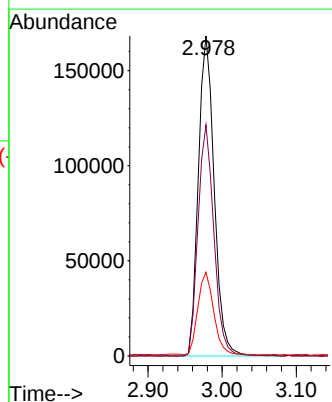
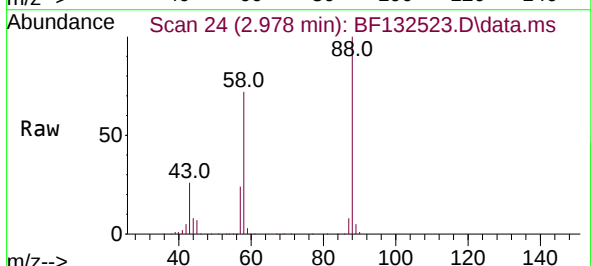
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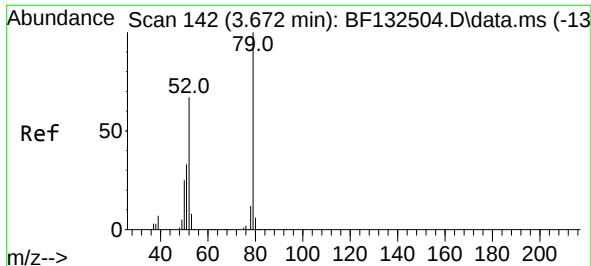
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#2
1,4-Dioxane
Concen: 43.903 ng
RT: 2.978 min Scan# 24
Delta R.T. 0.083 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

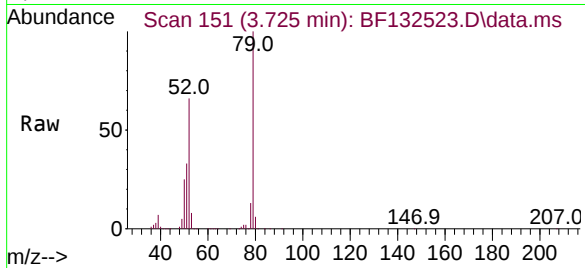
Tgt Ion: 88 Resp: 250043
Ion Ratio Lower Upper
88 100
58 72.3 58.3 87.5
43 26.1 20.7 31.1





#3
Pyridine
Concen: 41.778 ng
RT: 3.725 min Scan# 142
Delta R.T. 0.053 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

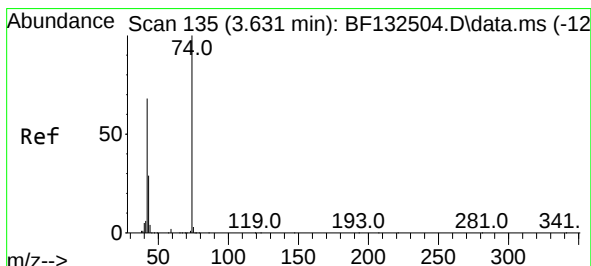
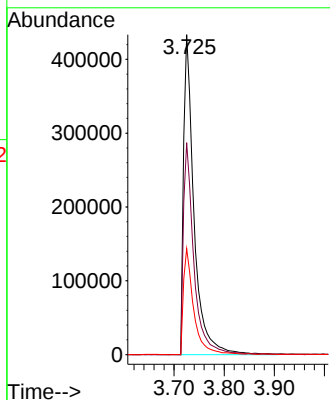
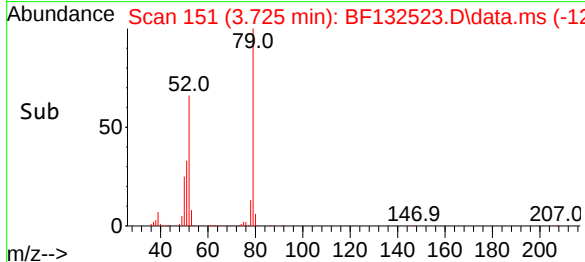
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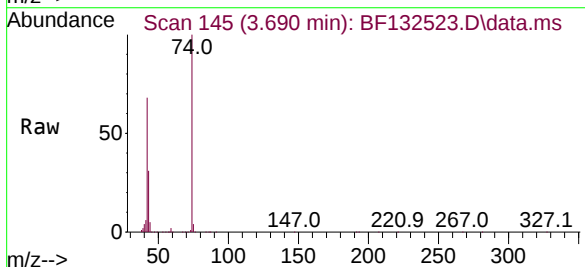
Tgt Ion: 79 Resp: 631596
Ion Ratio Lower Upper
79 100
52 66.2 53.7 80.5
51 33.1 26.6 40.0

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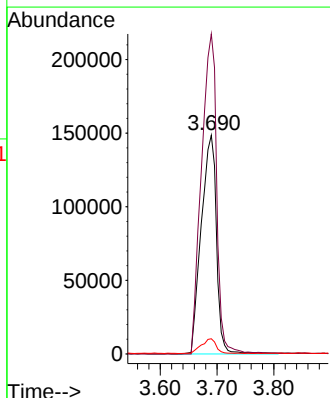
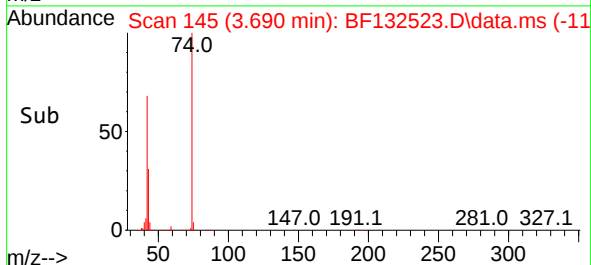
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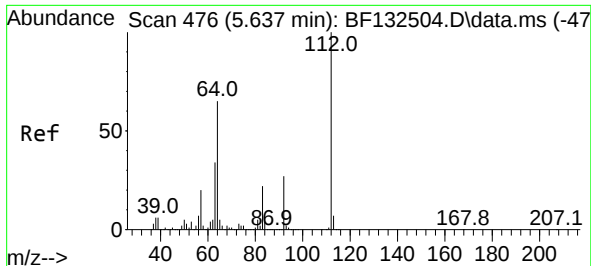


#4
n-Nitrosodimethylamine
Concen: 48.504 ng
RT: 3.690 min Scan# 145
Delta R.T. 0.059 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



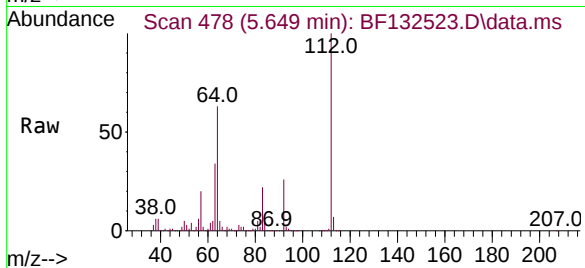
Tgt Ion: 42 Resp: 276979
Ion Ratio Lower Upper
42 100
74 146.4 118.2 177.2
44 6.9 5.3 7.9





#5
2-Fluorophenol
Concen: 101.532 ng
RT: 5.649 min Scan# 476
Delta R.T. 0.012 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

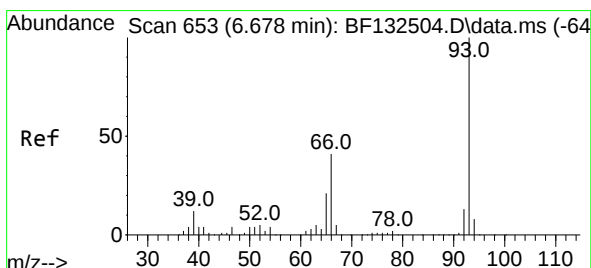
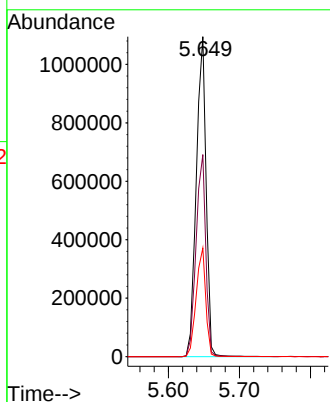
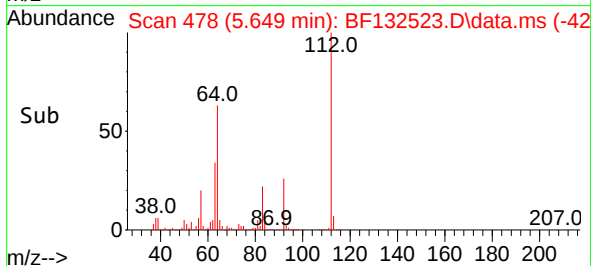
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Tgt Ion:112 Resp: 1045390
Ion Ratio Lower Upper
112 100
64 63.1 51.6 77.4
63 33.9 27.4 41.2

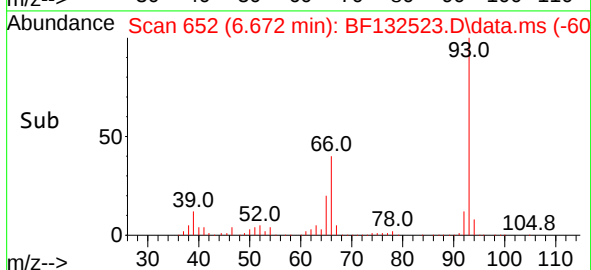
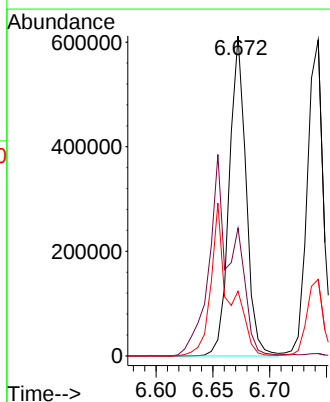
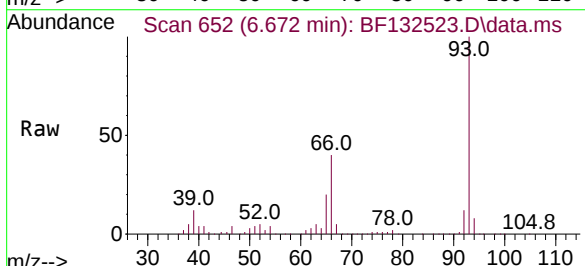
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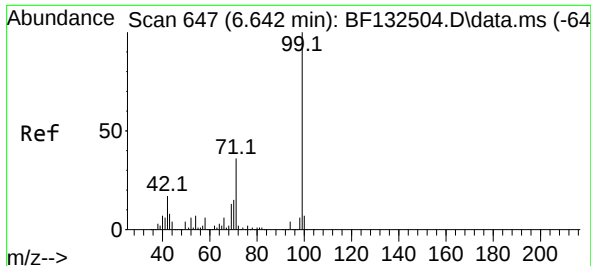
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#6
Aniline
Concen: 34.779 ng
RT: 6.672 min Scan# 652
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

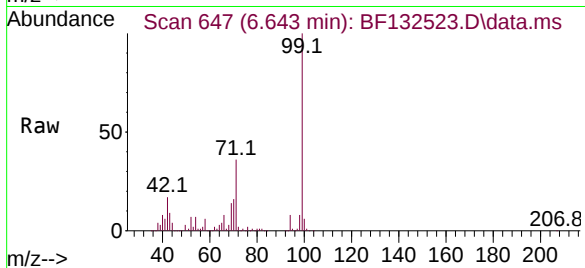
Tgt Ion: 93 Resp: 628925
Ion Ratio Lower Upper
93 100
66 39.9 32.5 48.7
65 20.2 16.6 24.8





#7
Phenol-d6
Concen: 102.640 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

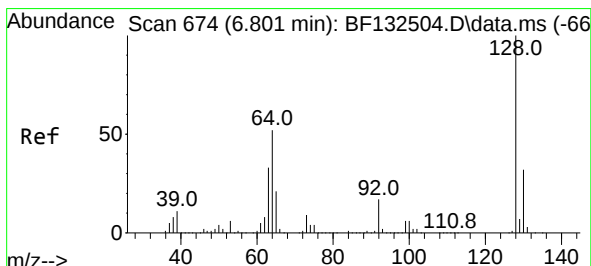
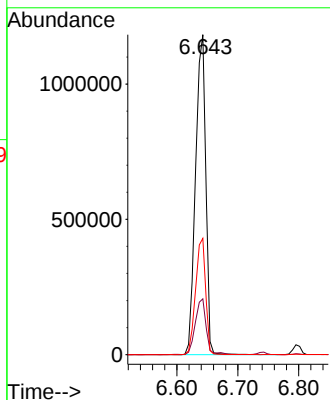
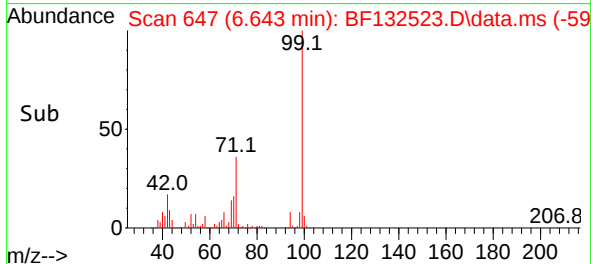
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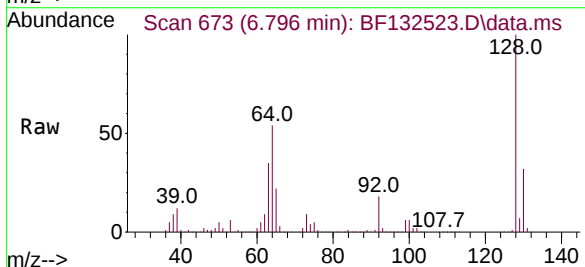
Tgt Ion: 99 Resp: 1379213
Ion Ratio Lower Upper
99 100
42 17.4 13.9 20.9
71 36.3 28.5 42.7

Manual Integrations
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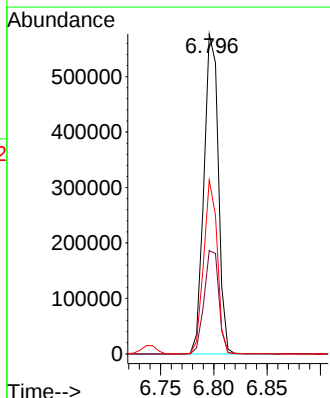
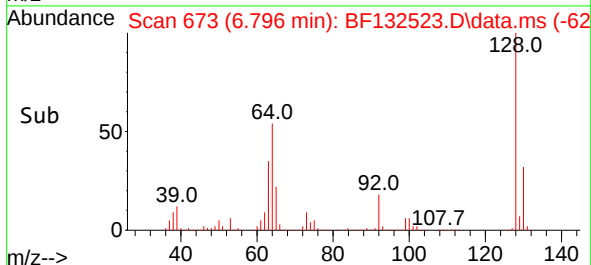
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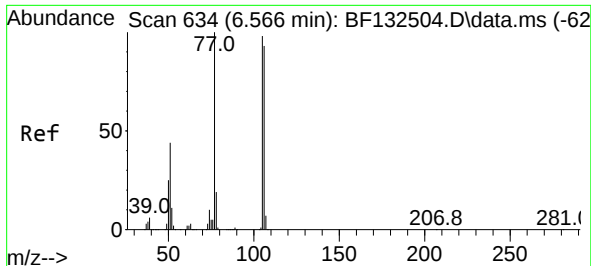


#8
2-Chlorophenol
Concen: 50.569 ng
RT: 6.796 min Scan# 673
Delta R.T. -0.006 min
Lab File: BF132523.D
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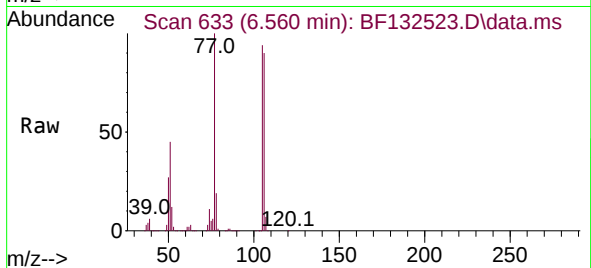
Tgt Ion:128 Resp: 540388
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 54.3 32.0 72.0





#9
Benzaldehyde
Concen: 43.954 ng
RT: 6.560 min Scan# 634
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

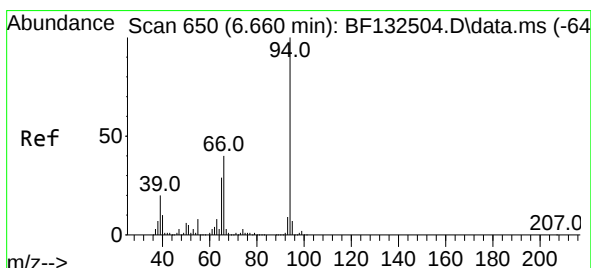
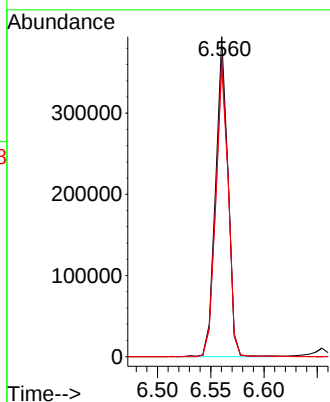
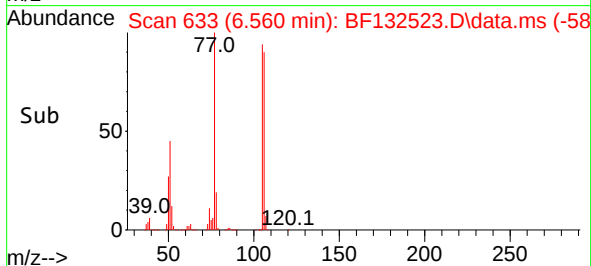
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Tgt Ion: 77 Resp: 318705
Ion Ratio Lower Upper
77 100
105 93.6 77.9 117.9
106 90.5 73.4 113.4

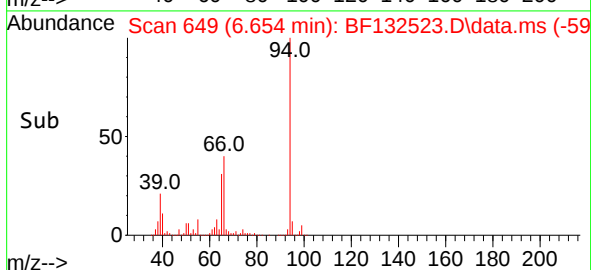
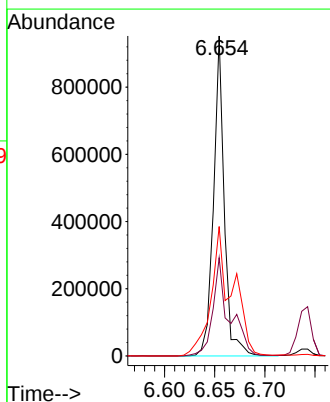
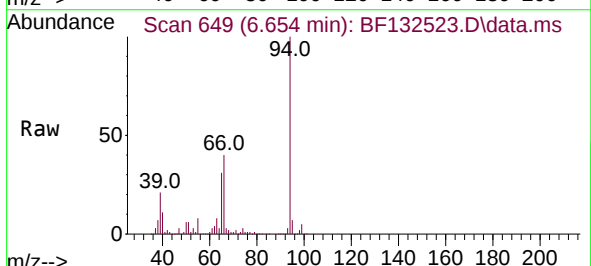
Manual Integrations
APPROVED

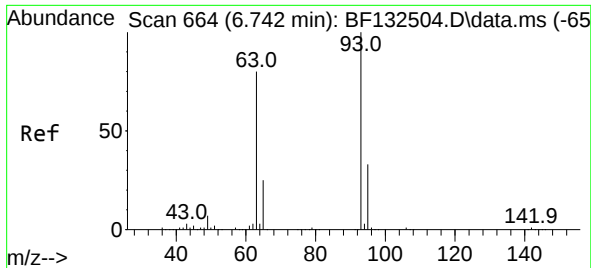
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#10
Phenol
Concen: 46.050 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion: 94 Resp: 709429
Ion Ratio Lower Upper
94 100
65 30.7 9.4 49.4
66 40.4 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 48.307 ng
RT: 6.743 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

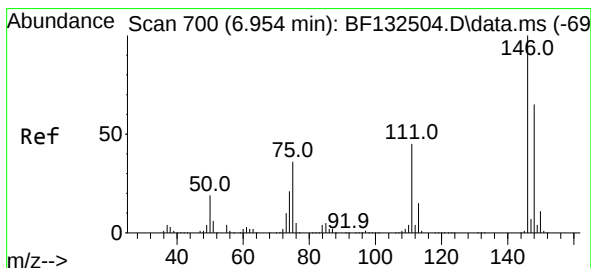
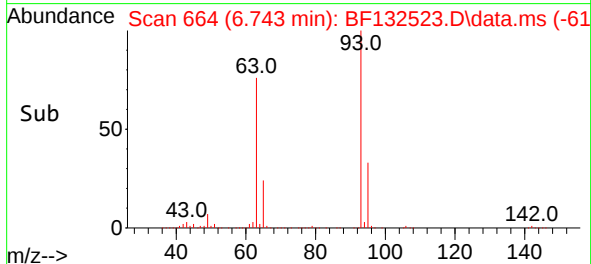
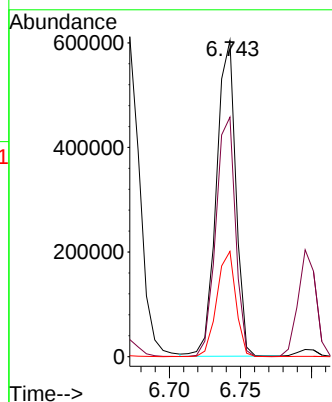
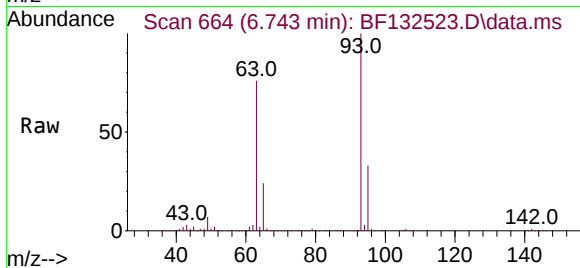
ClientSampleId :

B-17-SB02MS

Tgt Ion: 93 Resp: 574515
Ion Ratio Lower Upper
93 100
63 75.8 59.6 99.6
95 33.3 12.8 52.8

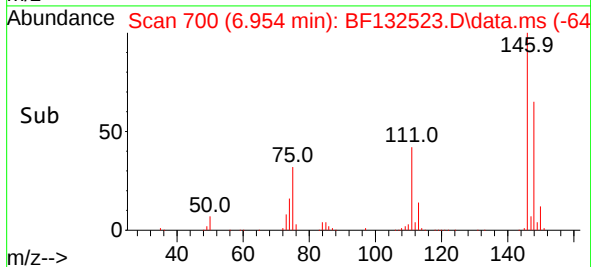
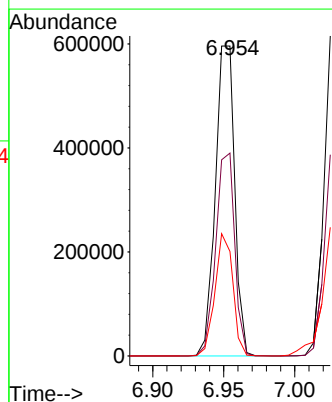
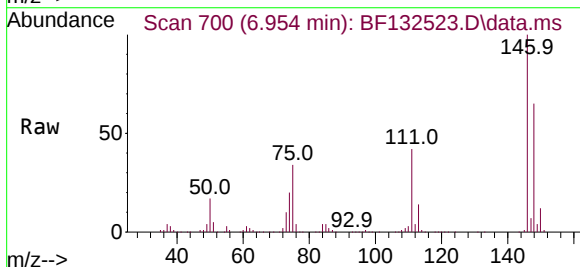
Manual Integrations
APPROVED

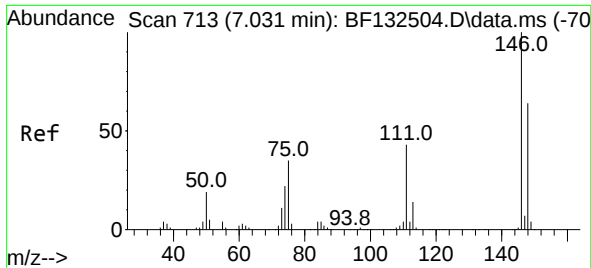
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#12
1,3-Dichlorobenzene
Concen: 49.358 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:146 Resp: 566018
Ion Ratio Lower Upper
146 100
148 65.4 51.9 77.9
75 33.7 28.9 43.3





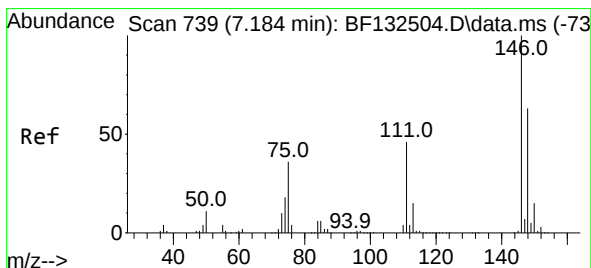
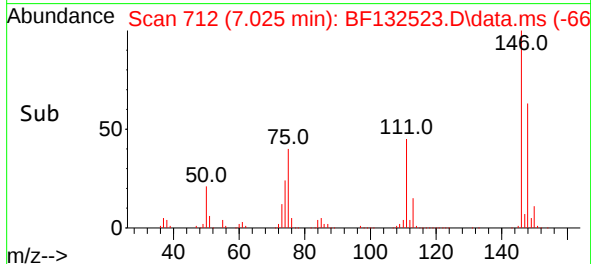
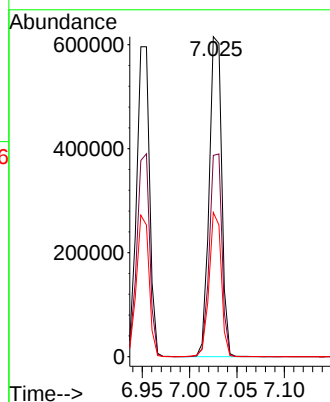
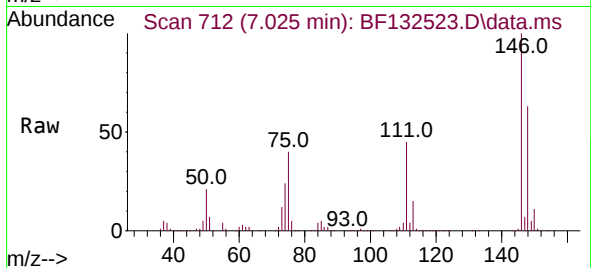
#13
1,4-Dichlorobenzene
Concen: 49.512 ng
RT: 7.025 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS

Tgt Ion:146 Resp: 566942
Ion Ratio Lower Upper
146 100
148 62.9 51.1 76.7
111 45.0 34.8 52.2

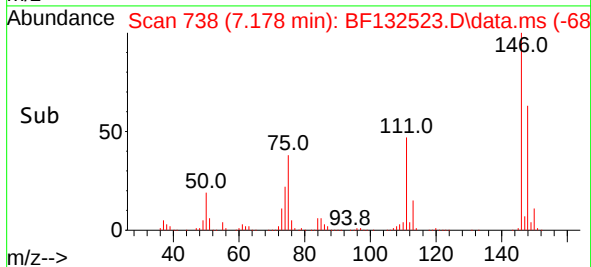
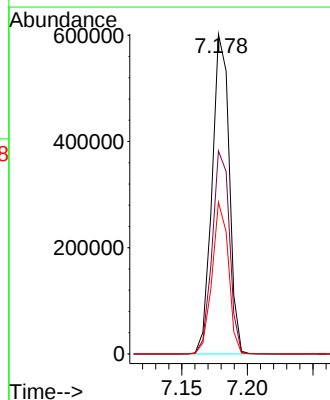
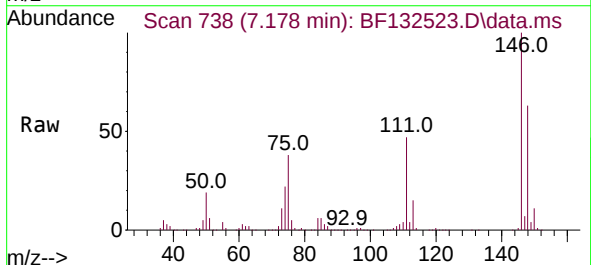
Manual Integrations
APPROVED

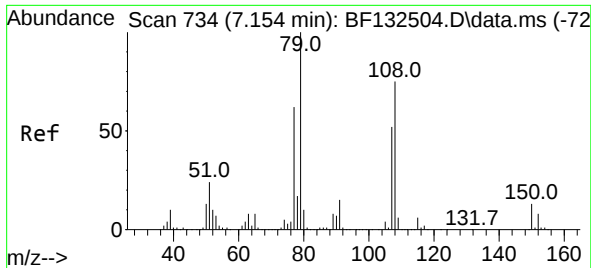
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#14
1,2-Dichlorobenzene
Concen: 49.929 ng
RT: 7.178 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

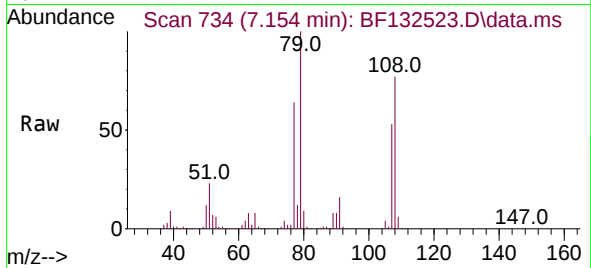
Tgt Ion:146 Resp: 548682
Ion Ratio Lower Upper
146 100
148 63.4 50.6 75.8
111 47.4 37.2 55.8





#15
Benzyl Alcohol
Concen: 50.440 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

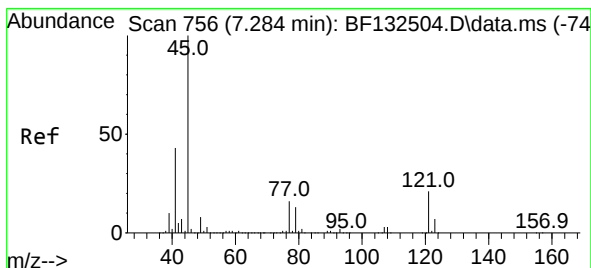
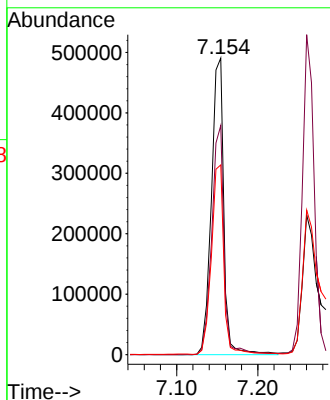
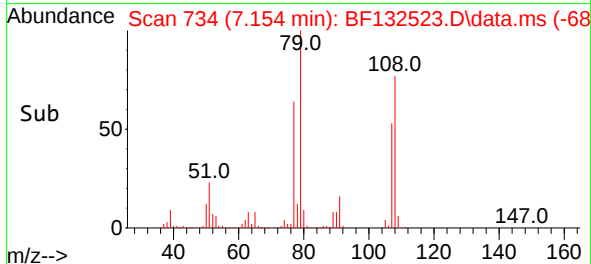
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



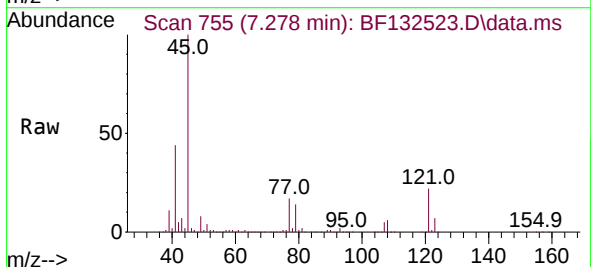
Tgt Ion: 79 Resp: 521997
Ion Ratio Lower Upper
79 100
108 77.3 60.2 90.4
77 64.0 49.9 74.9

Manual Integrations
APPROVED

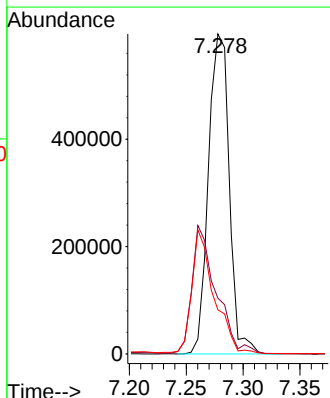
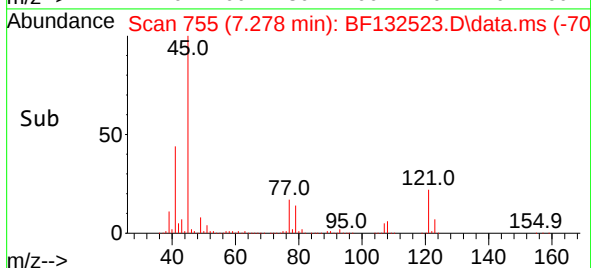
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

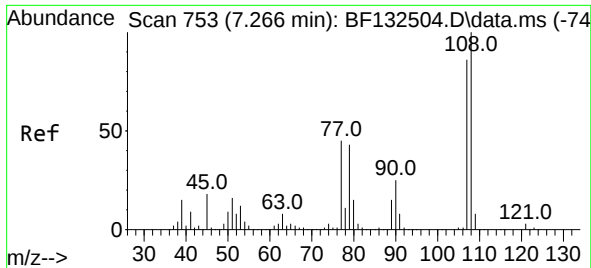


#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.077 ng
RT: 7.278 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion: 45 Resp: 759466
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.4
79 13.8 0.0 33.4





#17
2-Methylphenol
Concen: 45.608 ng
RT: 7.260 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

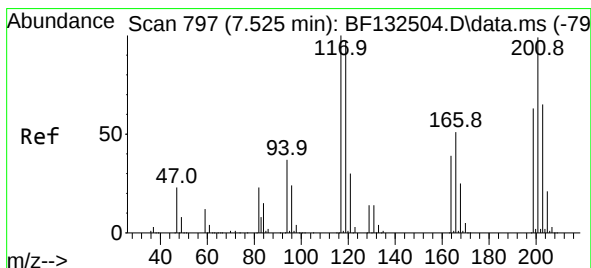
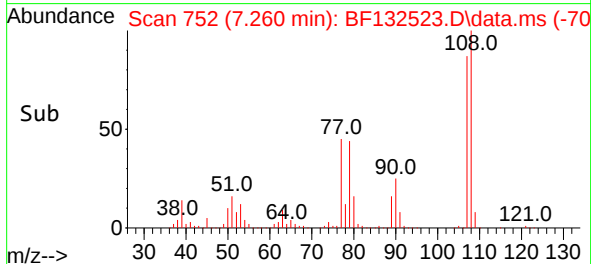
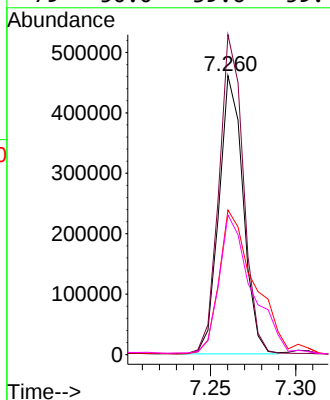
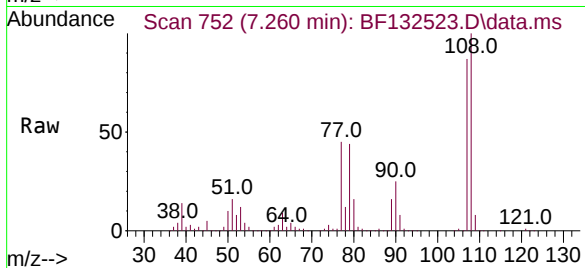
B-17-SB02MS

Tgt Ion:107 Resp: 454852
Ion Ratio Lower Upper
107 100
108 114.7 93.0 139.4
77 51.8 42.1 63.1
79 50.0 39.6 59.4

Manual Integrations

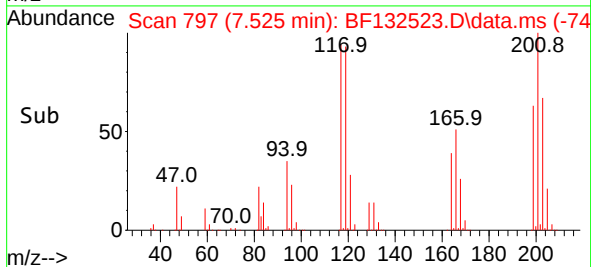
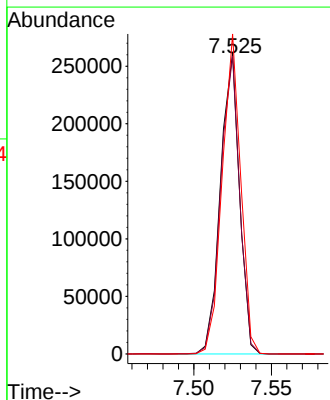
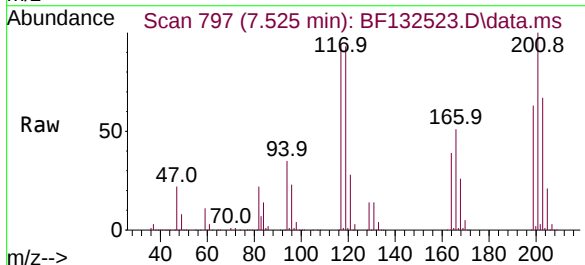
APPROVED

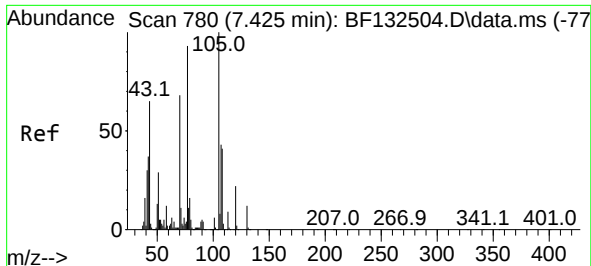
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#18
Hexachloroethane
Concen: 49.767 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:117 Resp: 222632
Ion Ratio Lower Upper
117 100
119 99.0 78.0 117.0
201 106.4 79.0 118.4





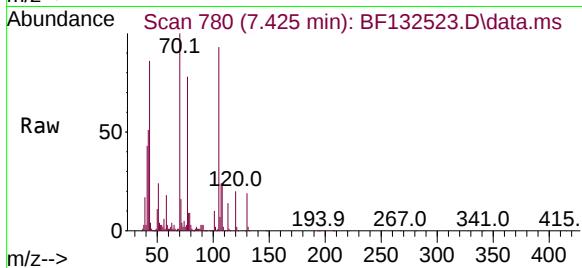
#19
n-Nitroso-di-n-propylamine
Concen: 46.746 ng
RT: 7.425 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

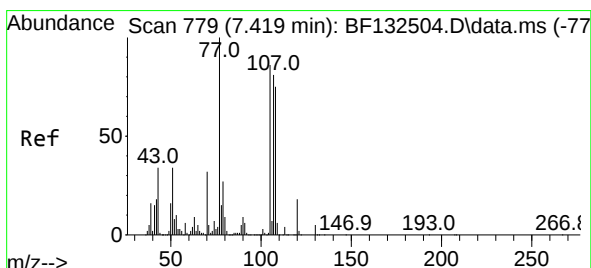
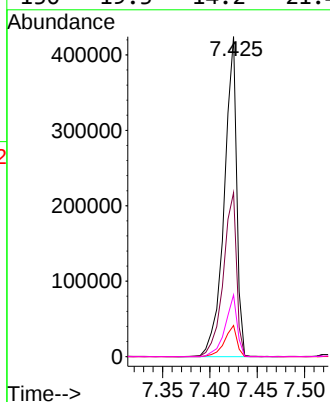
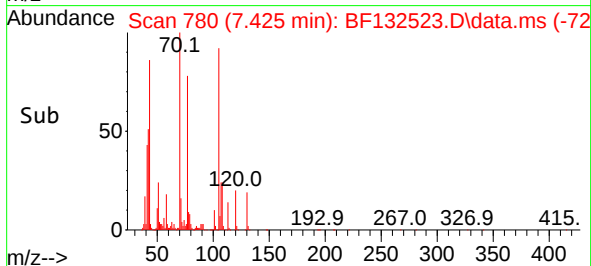


Tgt Ion: 70 Resp: 386589
Ion Ratio Lower Upper
70 100
42 51.2 44.1 66.1
101 9.7 7.4 11.2
130 19.3 14.2 21.4

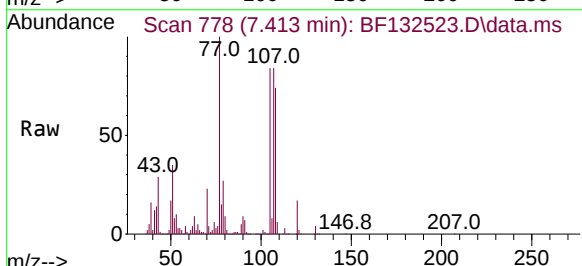
Manual Integrations

APPROVED

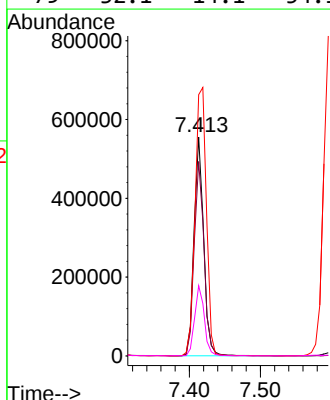
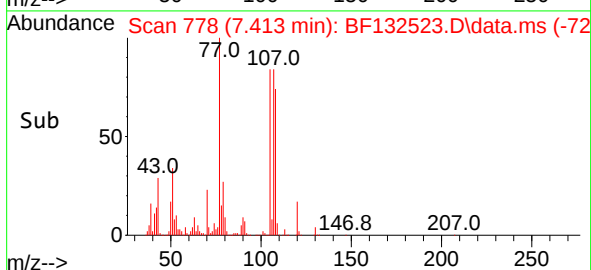
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

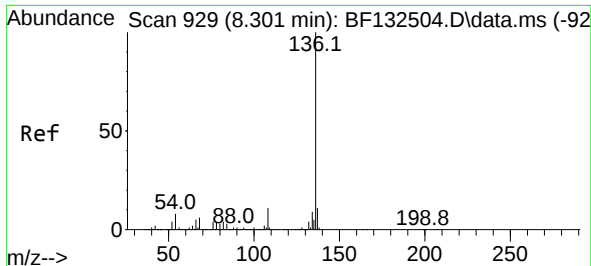


#20
3+4-Methylphenols
Concen: 40.646 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



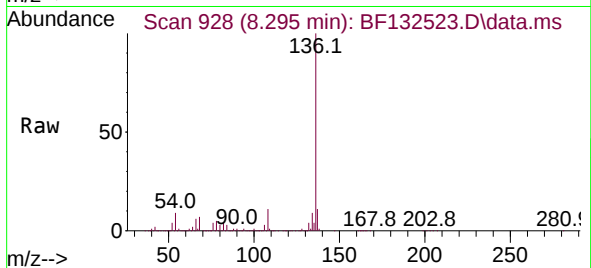
Tgt Ion:107 Resp: 523706
Ion Ratio Lower Upper
107 100
108 88.8 72.6 112.6
77 119.4 104.0 144.0
79 32.1 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

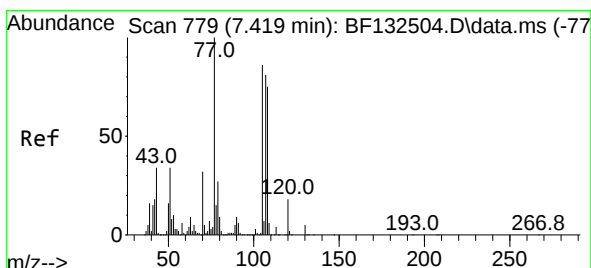
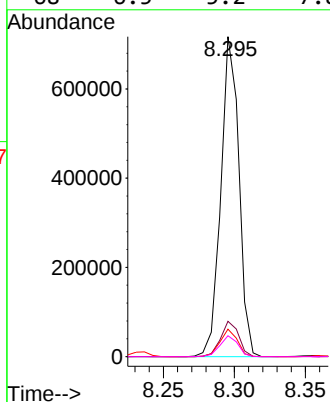
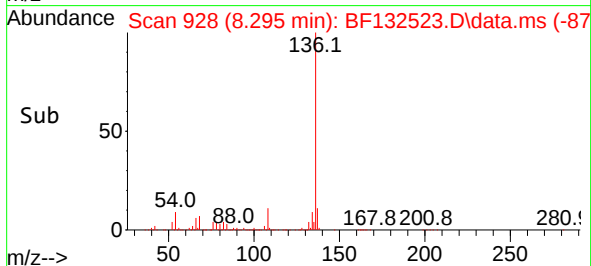
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



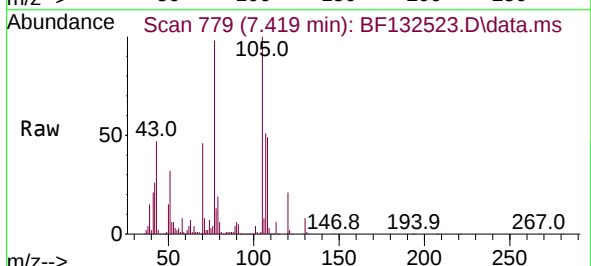
Tgt Ion:136 Resp: 636138
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.6 6.2 9.4
68 6.5 5.2 7.8

Manual Integrations
APPROVED

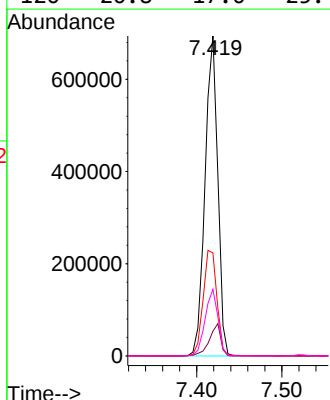
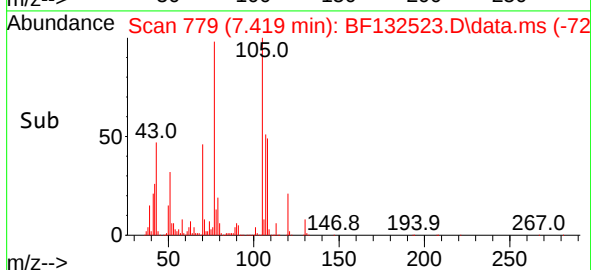
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

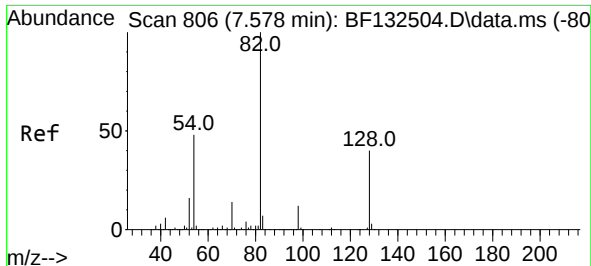


#22
Acetophenone
Concen: 44.840 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:105 Resp: 719265
Ion Ratio Lower Upper
105 100
71 7.7 5.0 7.4#
51 32.2 31.5 47.3
120 20.8 17.0 25.4





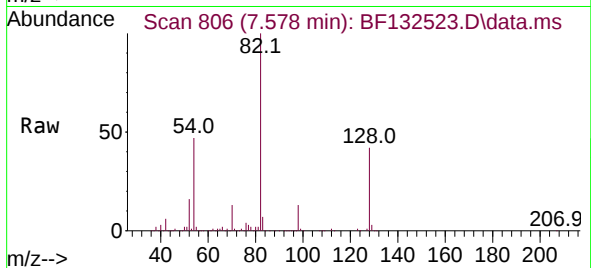
#23
Nitrobenzene-d5
Concen: 68.387 ng
RT: 7.578 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

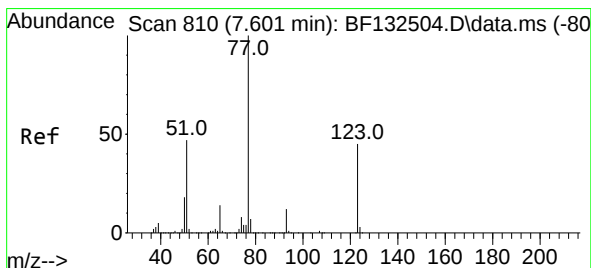
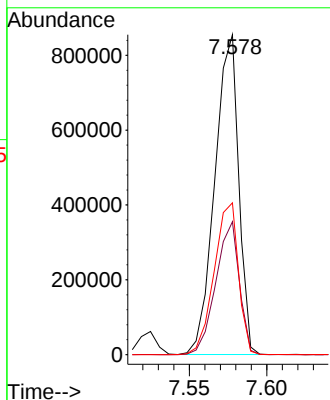
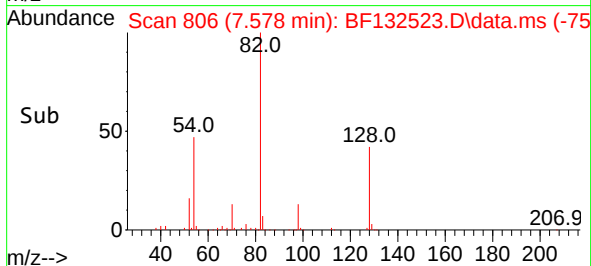
B-17-SB02MS



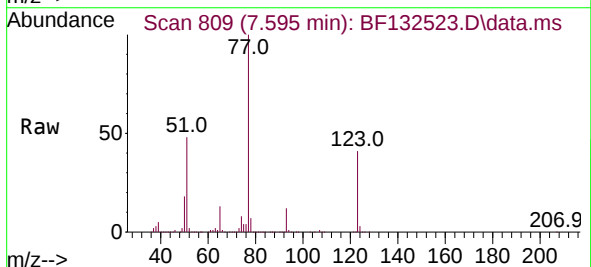
Tgt Ion: 82 Resp: 916932
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.2
54 47.4 38.4 57.6

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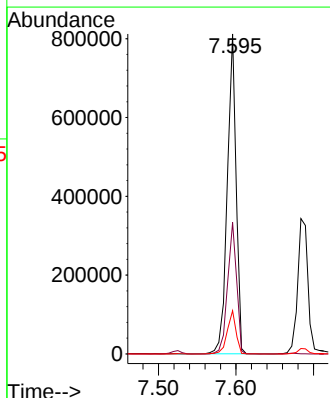
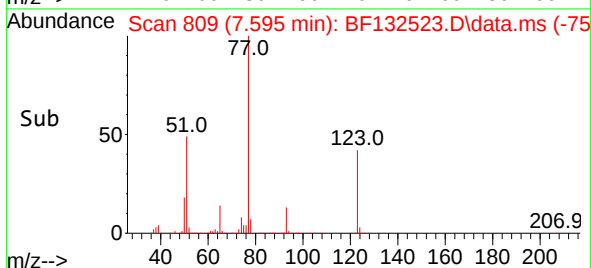
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

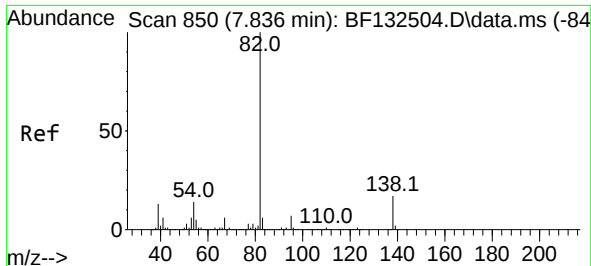


#24
Nitrobenzene
Concen: 45.024 ng
RT: 7.595 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion: 77 Resp: 645629
Ion Ratio Lower Upper
77 100
123 41.1 35.8 53.6
65 13.5 10.9 16.3





#25
Isophorone
Concen: 45.966 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

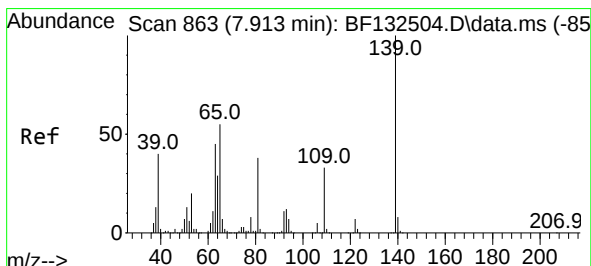
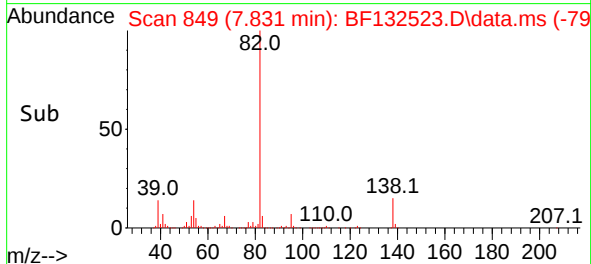
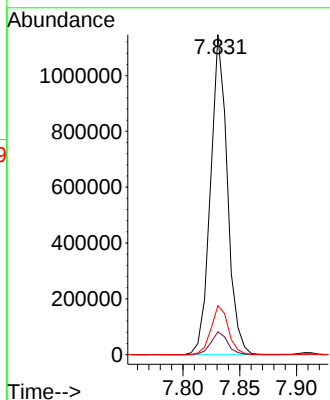
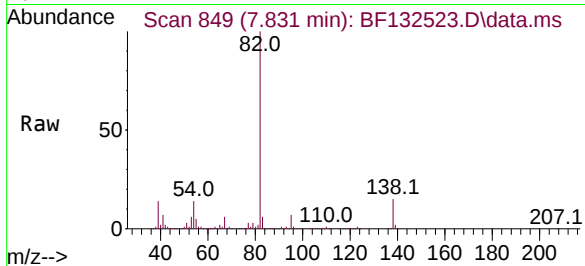
ClientSampleId :

B-17-SB02MS

Tgt Ion: 82 Resp: 118162
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 15.3 13.3 19.9

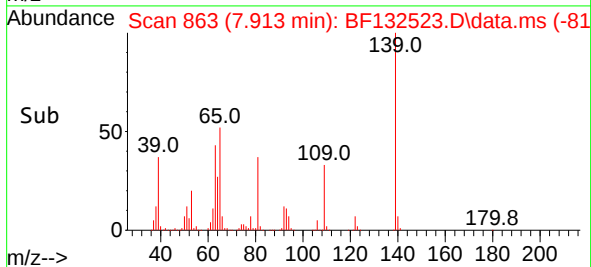
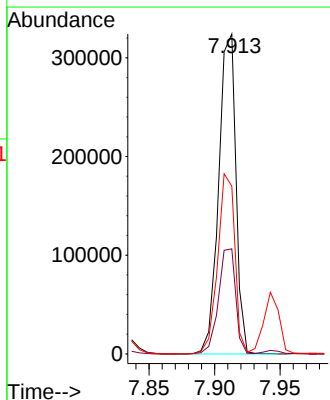
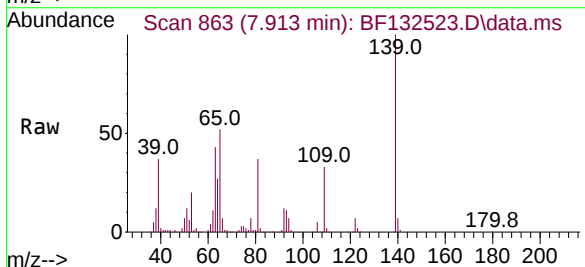
Manual Integrations
APPROVED

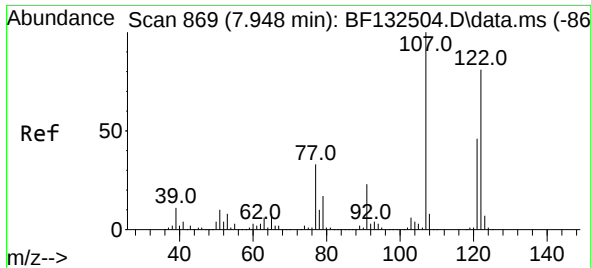
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#26
2-Nitrophenol
Concen: 47.062 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:139 Resp: 297760
Ion Ratio Lower Upper
139 100
109 32.8 26.2 39.2
65 52.4 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 45.881 ng
RT: 7.943 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

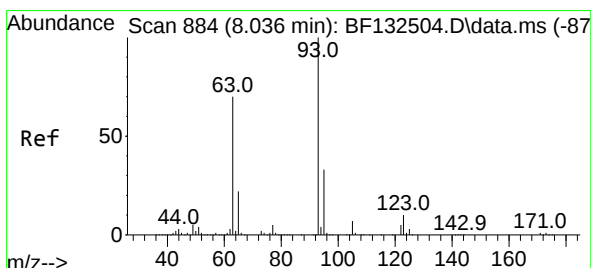
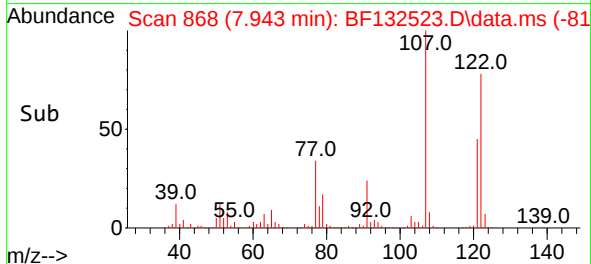
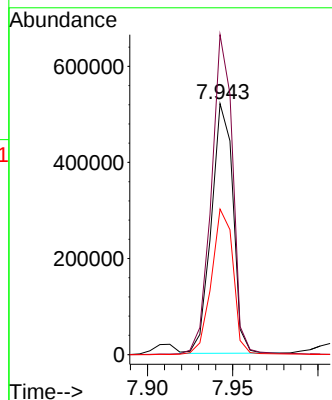
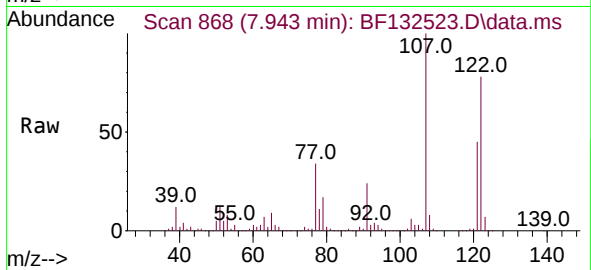
B-17-SB02MS

Tgt Ion:122 Resp: 45815
Ion Ratio Lower Upper
122 100
107 127.5 98.7 148.1
121 58.0 45.8 68.6

Manual Integrations

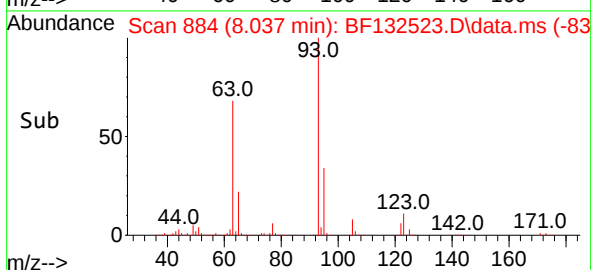
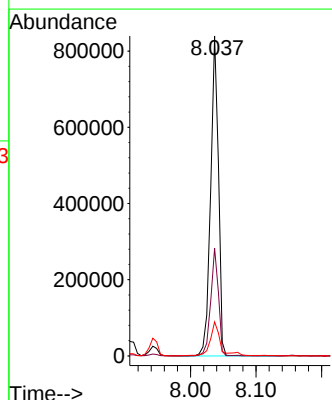
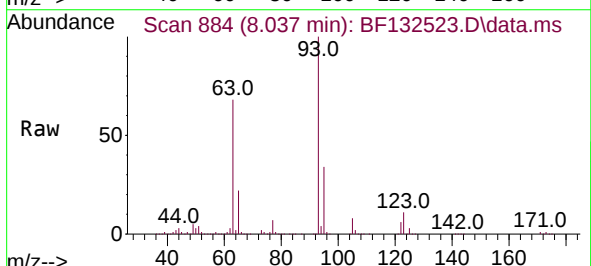
APPROVED

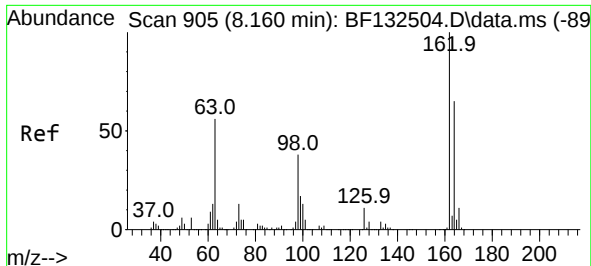
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#28
bis(2-Chloroethoxy)methane
Concen: 46.151 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion: 93 Resp: 694018
Ion Ratio Lower Upper
93 100
95 33.7 26.3 39.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 46.126 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132523.D

Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

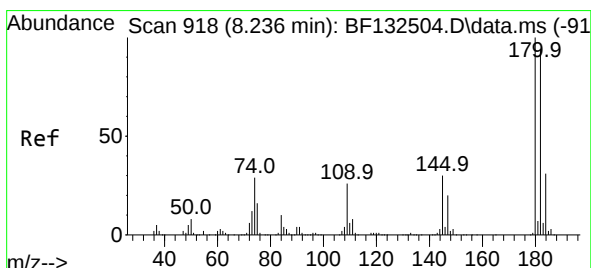
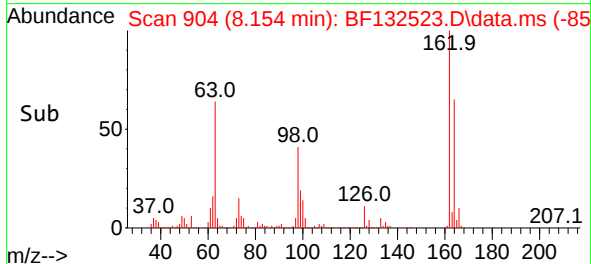
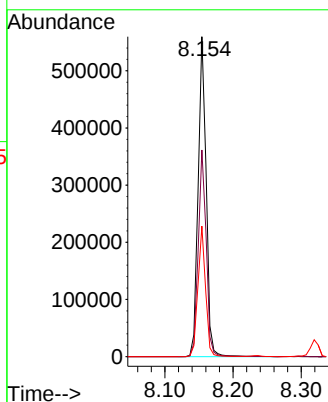
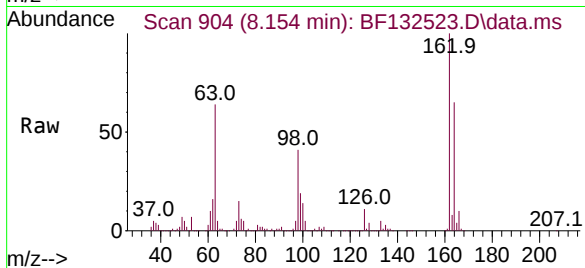
B-17-SB02MS

Tgt Ion:162 Resp: 458189
 Ion Ratio Lower Upper
 162 100
 164 64.6 45.3 85.3
 98 40.8 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: 46.745 ng

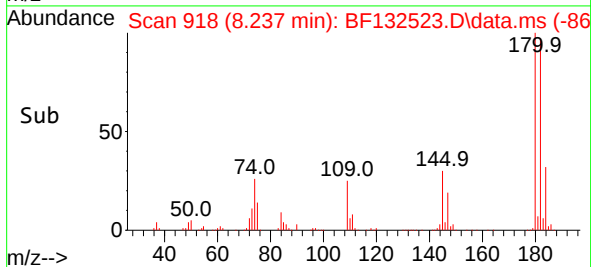
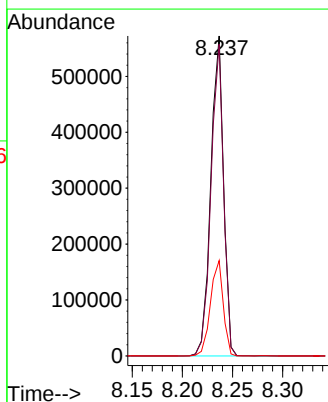
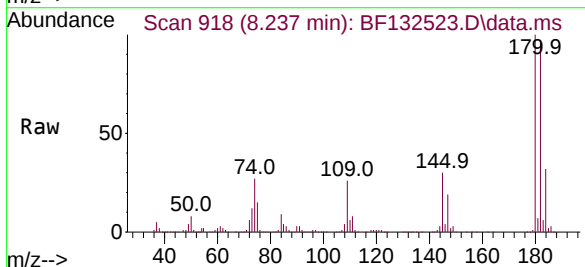
RT: 8.237 min Scan# 918

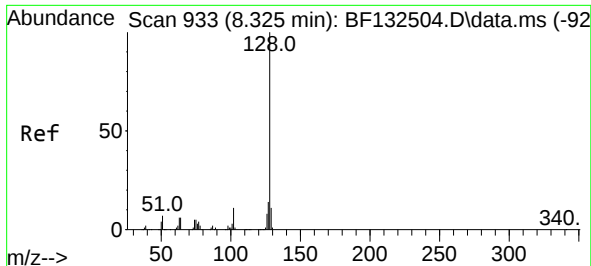
Delta R.T. 0.000 min

Lab File: BF132523.D

Acq: 23 Feb 2023 16:36

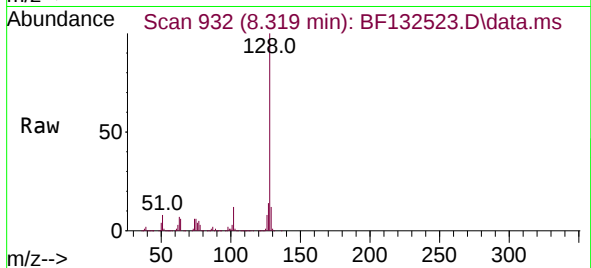
Tgt Ion:180 Resp: 504201
 Ion Ratio Lower Upper
 180 100
 182 97.4 75.1 112.7
 145 29.8 23.8 35.6





#31
Naphthalene
Concen: 44.847 ng
RT: 8.319 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

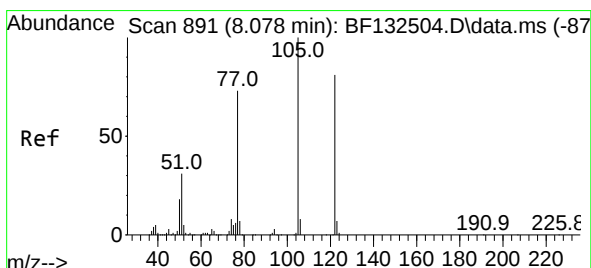
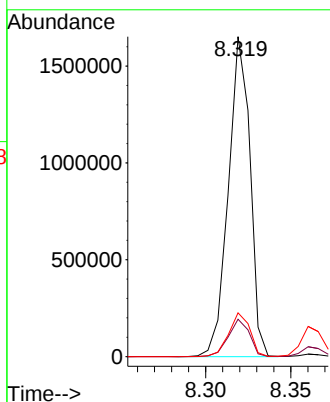
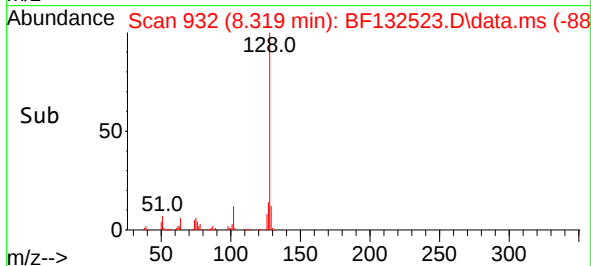
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



Tgt Ion:128 Resp: 1460494
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.0 16.6

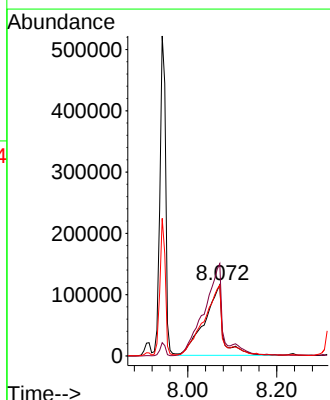
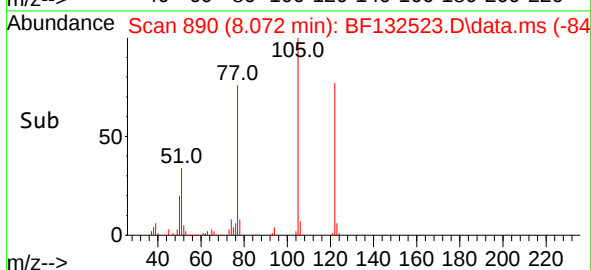
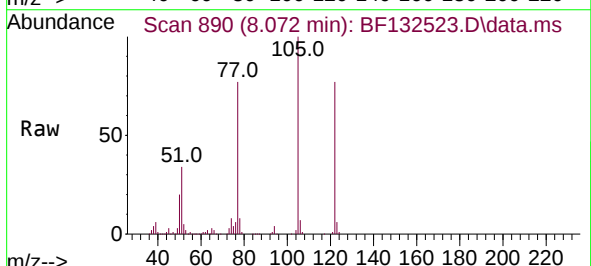
Manual Integrations
APPROVED

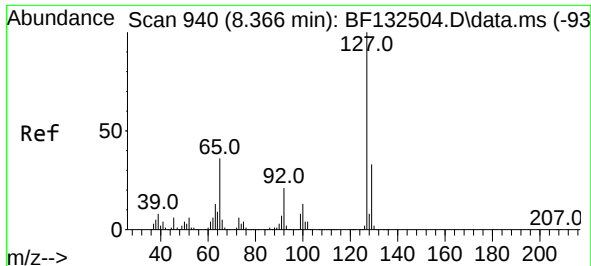
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#32
Benzoic acid
Concen: 42.968 ng m
RT: 8.072 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:122 Resp: 334678
Ion Ratio Lower Upper
122 100
105 129.7 102.6 142.6
77 99.3 70.2 110.2





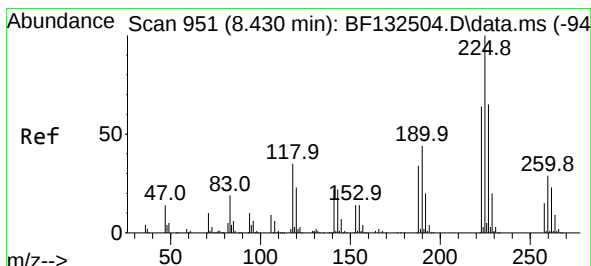
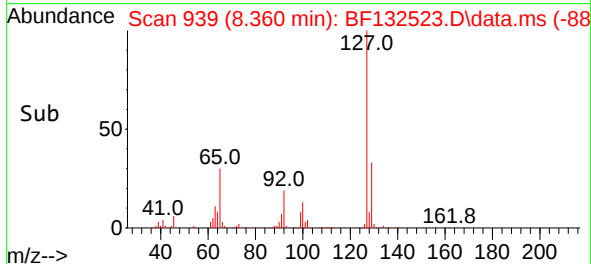
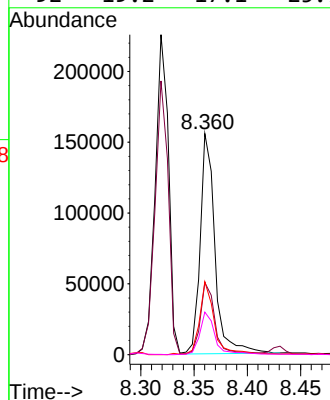
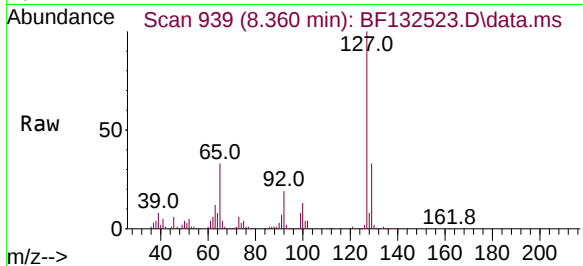
#33
4-Chloroaniline
Concen: 10.692 ng
RT: 8.360 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS

Tgt Ion:	127	Resp:	14921
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.4	39.6
65	33.0	28.8	43.2
92	19.2	17.1	25.7

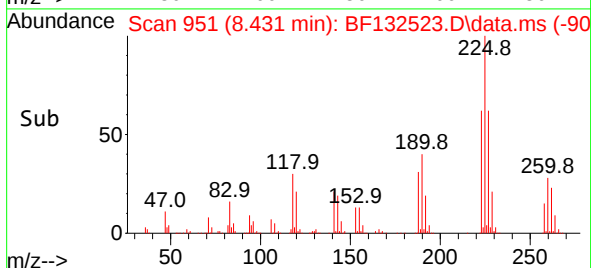
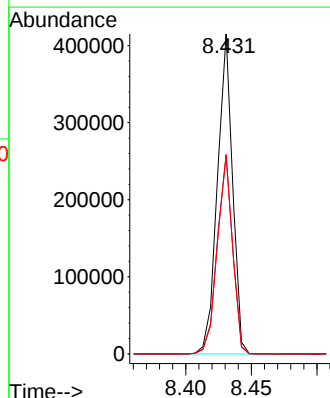
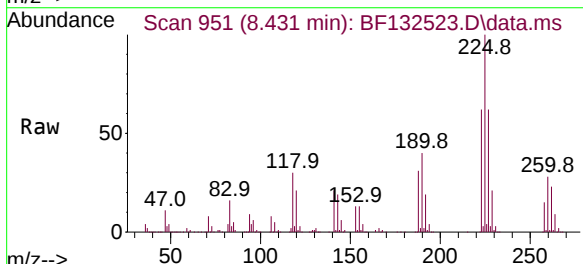
Manual Integrations
APPROVED

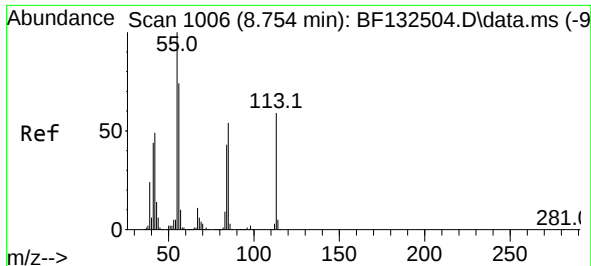
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#34
Hexachlorobutadiene
Concen: 48.586 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

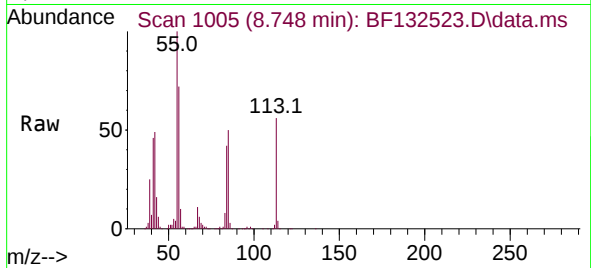
Tgt Ion:	225	Resp:	333010
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.0	76.4
227	62.2	51.7	77.5





#35
Caprolactam
Concen: 48.186 ng m
RT: 8.748 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

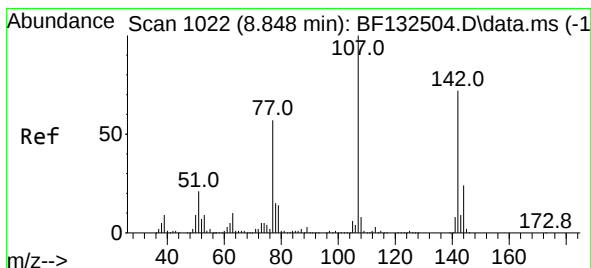
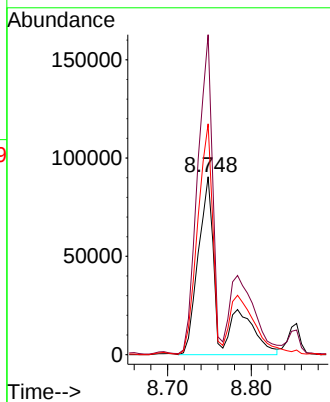
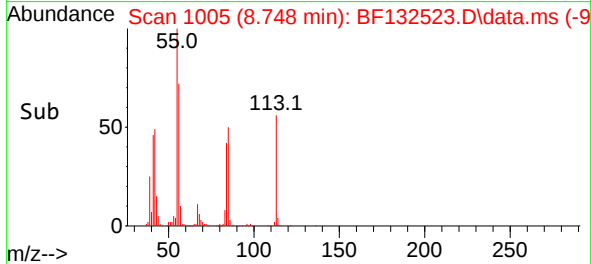
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



Tgt Ion:113 Resp: 157792
Ion Ratio Lower Upper
113 100
55 180.0 149.4 189.4
56 129.8 105.0 145.0

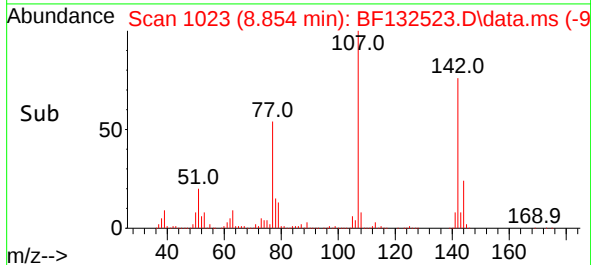
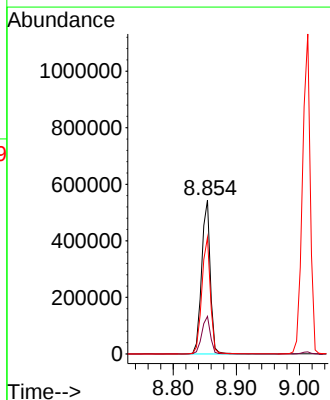
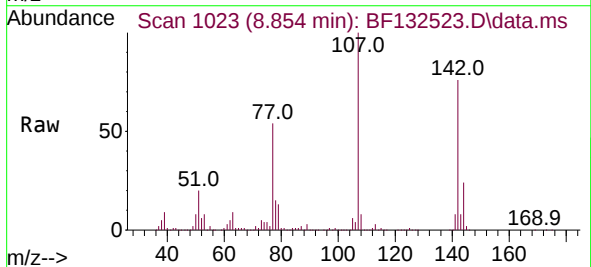
Manual Integrations
APPROVED

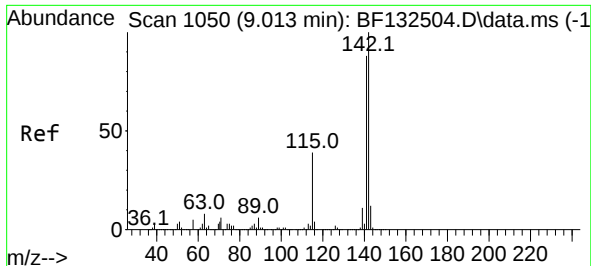
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#36
4-Chloro-3-methylphenol
Concen: 47.281 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:107 Resp: 515780
Ion Ratio Lower Upper
107 100
144 24.4 18.9 28.3
142 75.6 57.9 86.9





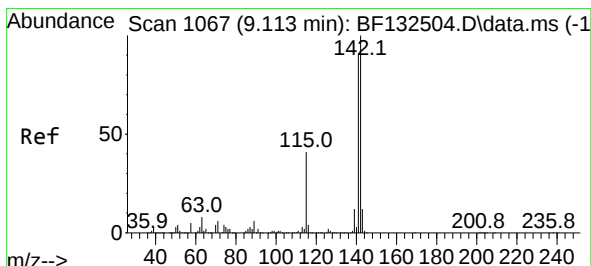
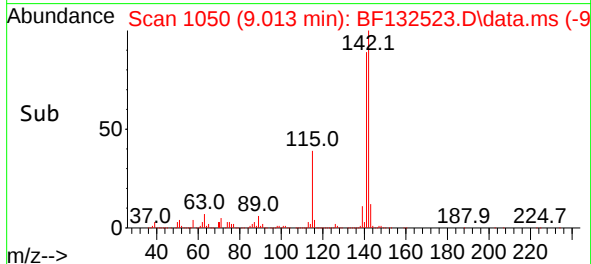
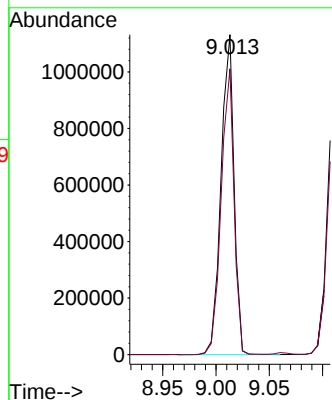
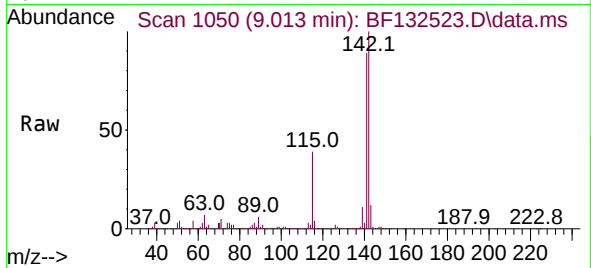
#37
2-Methylnaphthalene
Concen: 43.498 ng
RT: 9.013 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS

Tgt Ion:142 Resp: 965383
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.2

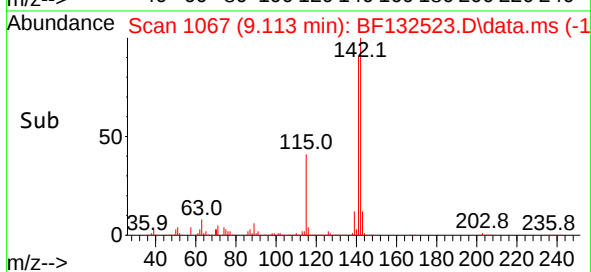
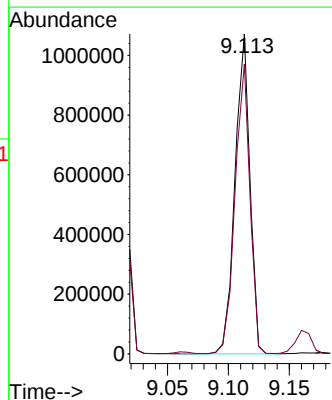
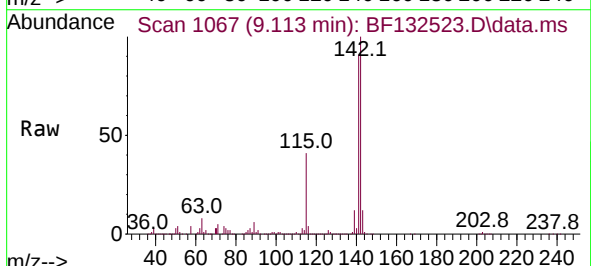
Manual Integrations
APPROVED

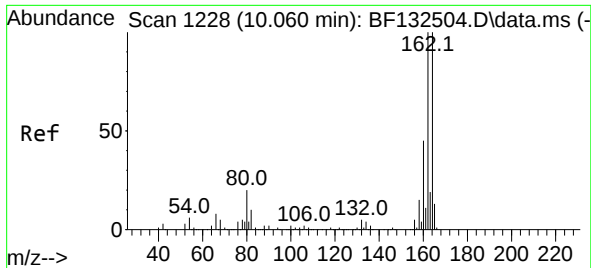
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#38
1-Methylnaphthalene
Concen: 43.997 ng
RT: 9.113 min Scan# 1067
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

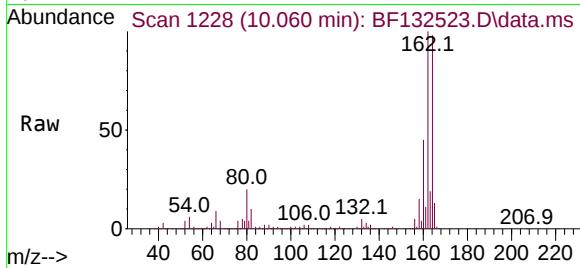
Tgt Ion:142 Resp: 912523
Ion Ratio Lower Upper
142 100
141 90.6 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

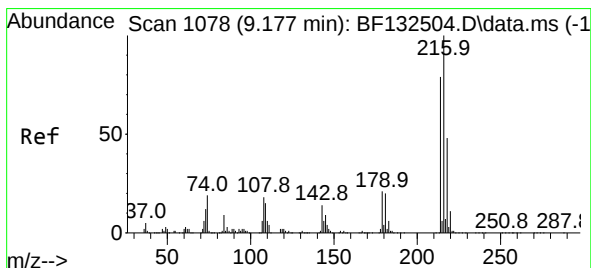
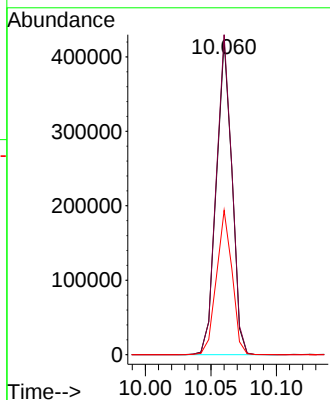
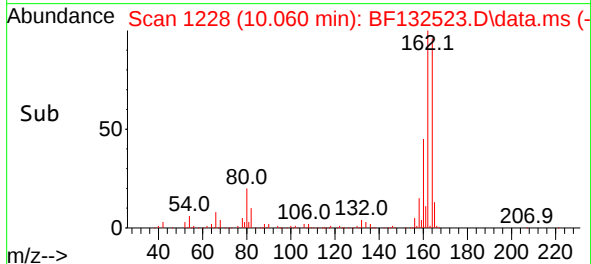
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



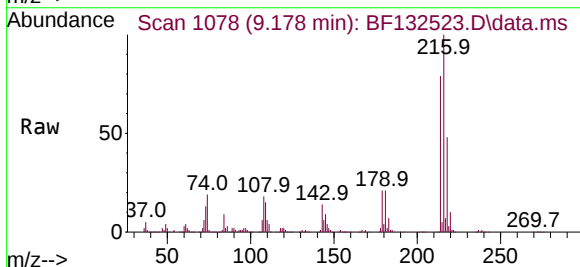
Tgt Ion:164 Resp: 351044
Ion Ratio Lower Upper
164 100
162 101.8 79.8 119.8
160 45.9 35.8 53.6

Manual Integrations
APPROVED

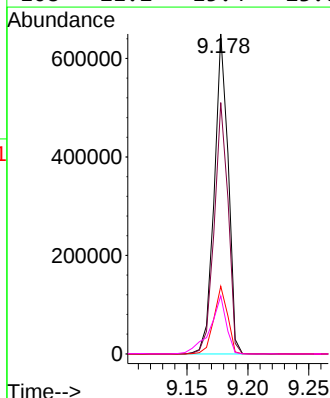
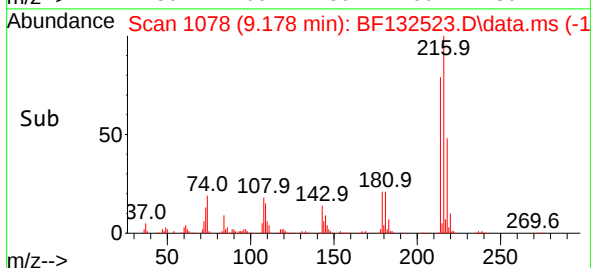
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

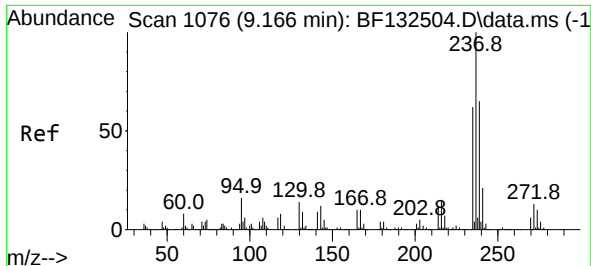


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.849 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



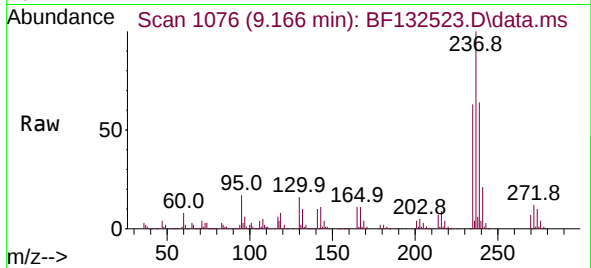
Tgt Ion:216 Resp: 515111
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.6
179 20.9 16.6 24.8
108 21.2 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 99.429 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

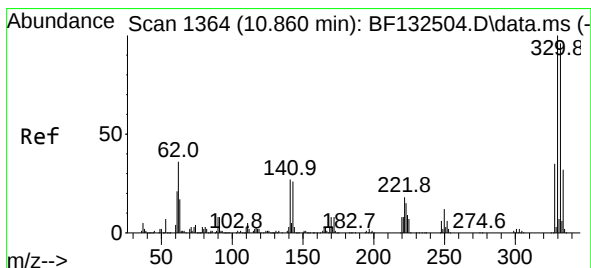
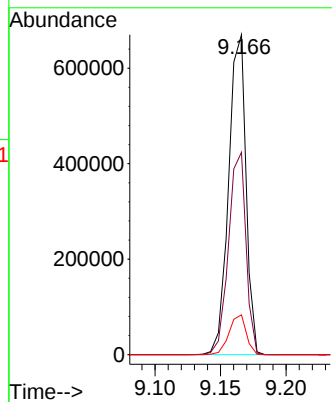
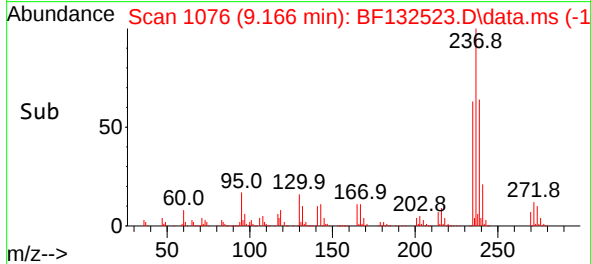
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



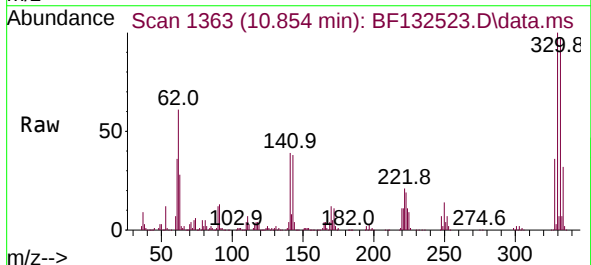
Tgt Ion:237 Resp: 619399
Ion Ratio Lower Upper
237 100
235 63.2 42.4 82.4
272 12.4 0.0 32.7

Manual Integrations
APPROVED

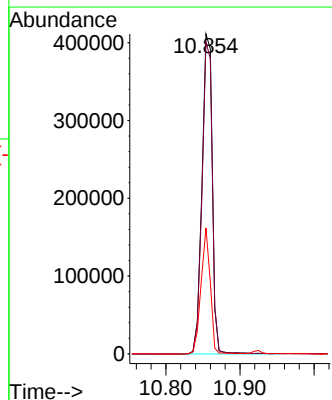
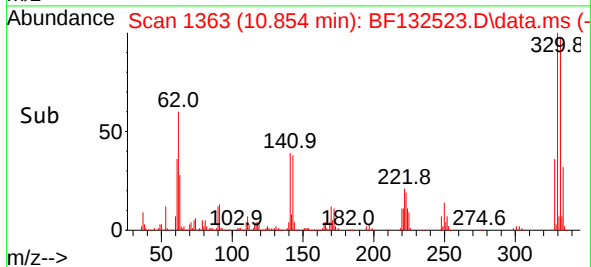
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

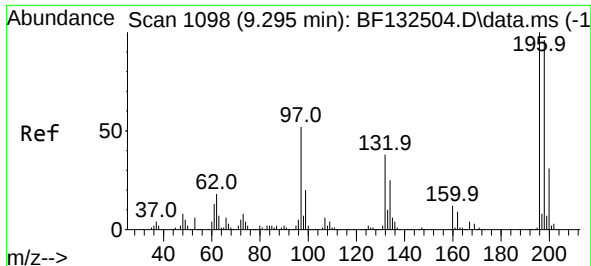


#42
2,4,6-Tribromophenol
Concen: 104.770 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:330 Resp: 397196
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 35.3 28.4 42.6





#43

2,4,6-Trichlorophenol

Concen: 46.256 ng

RT: 9.289 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF132523.D

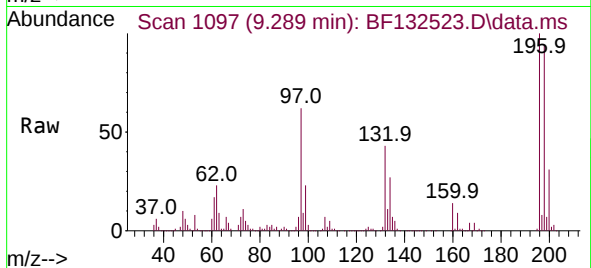
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS



Tgt Ion:196 Resp: 36003

Ion Ratio Lower Upper

196 100

198 94.4 77.1 115.7

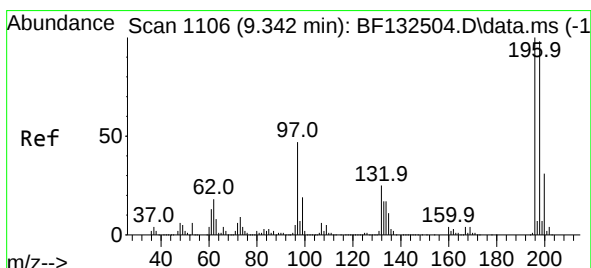
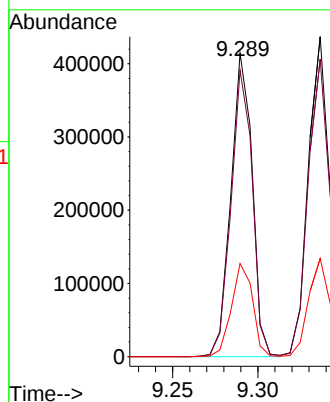
200 30.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#44

2,4,5-Trichlorophenol

Concen: 43.000 ng

RT: 9.337 min Scan# 1105

Delta R.T. -0.005 min

Lab File: BF132523.D

Acq: 23 Feb 2023 16:36

Tgt Ion:196 Resp: 390635

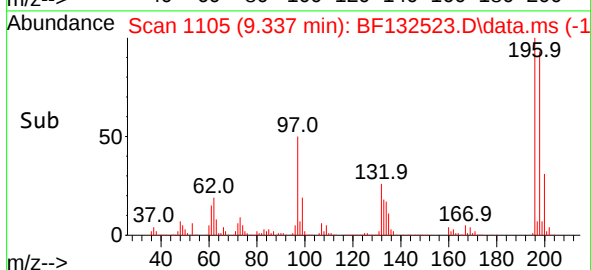
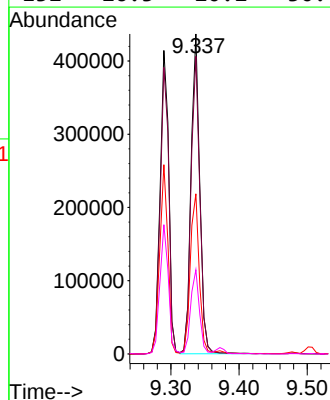
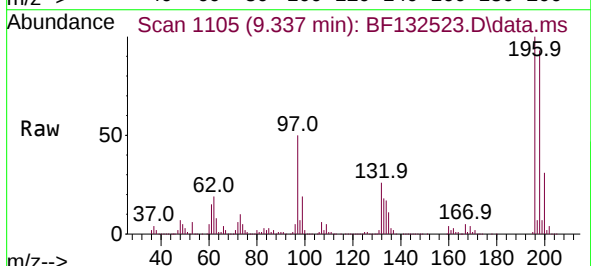
Ion Ratio Lower Upper

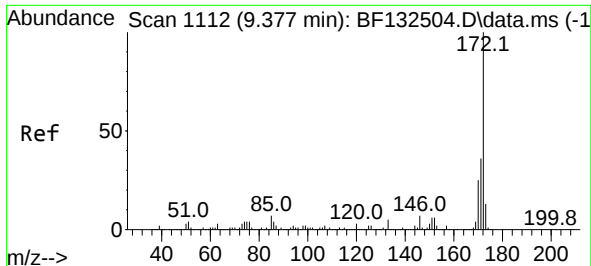
196 100

198 93.0 78.3 117.5

97 50.0 38.1 57.1

132 26.3 20.2 30.4





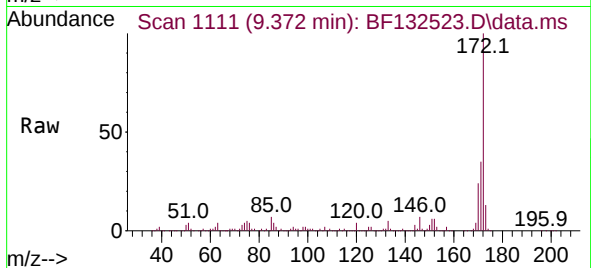
#45
2-Fluorobiphenyl
Concen: 64.260 ng
RT: 9.372 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

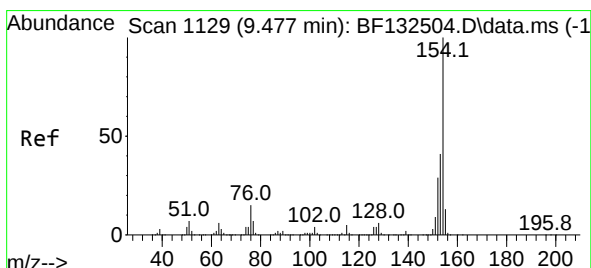
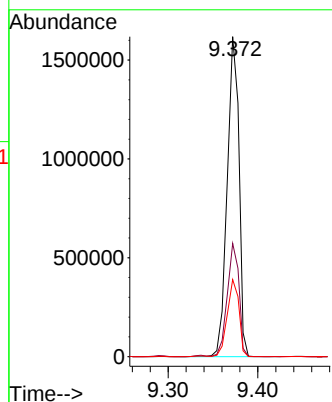
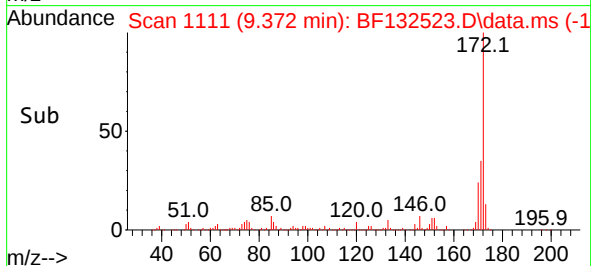


Tgt Ion:172 Resp: 1481482
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.1 19.7 29.5

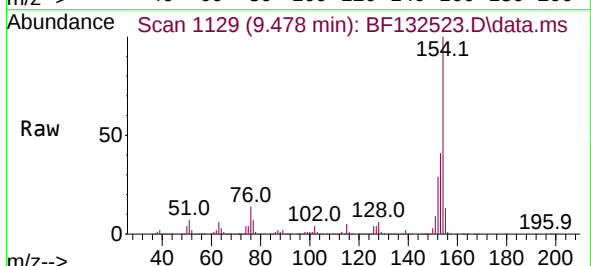
Manual Integrations

APPROVED

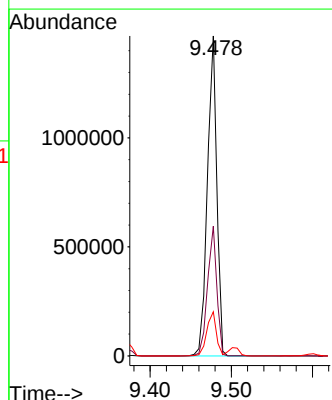
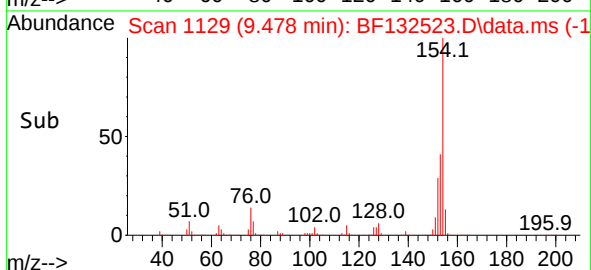
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

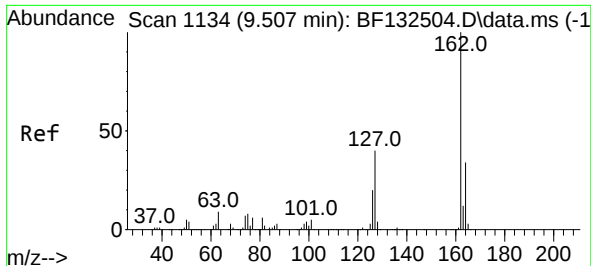


#46
1,1'-Biphenyl
Concen: 44.586 ng
RT: 9.478 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:154 Resp: 1184641
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 13.8 0.0 34.7





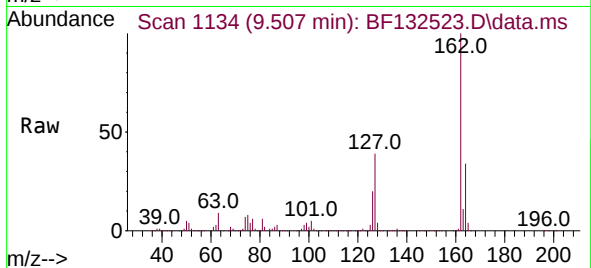
#47
2-Chloronaphthalene
Concen: 45.553 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

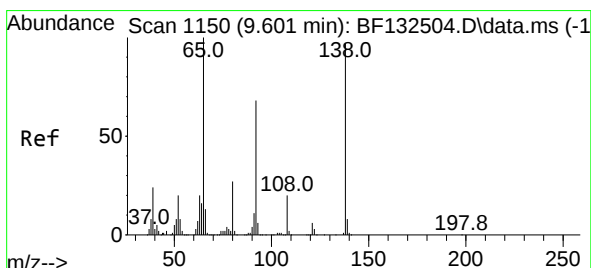
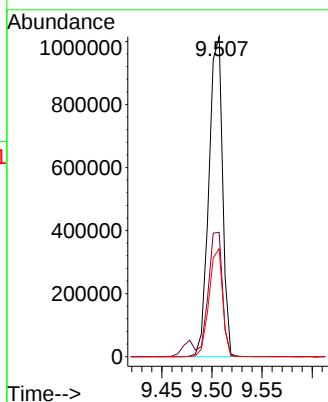
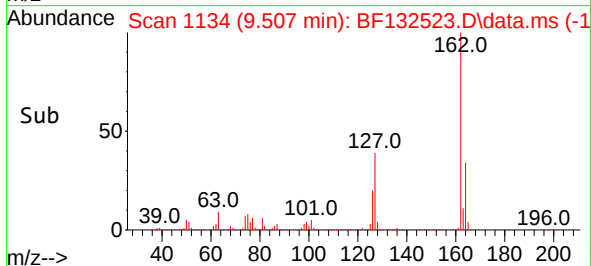


Tgt Ion:162 Resp: 959612
Ion Ratio Lower Upper
162 100
127 38.8 32.3 48.5
164 33.7 26.9 40.3

Manual Integrations

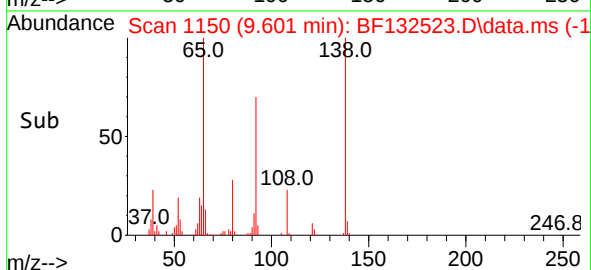
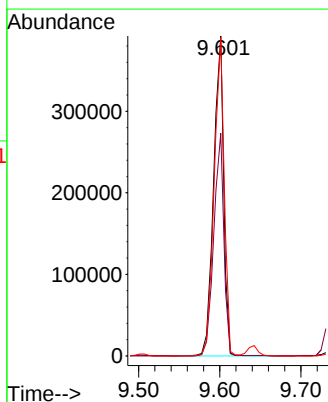
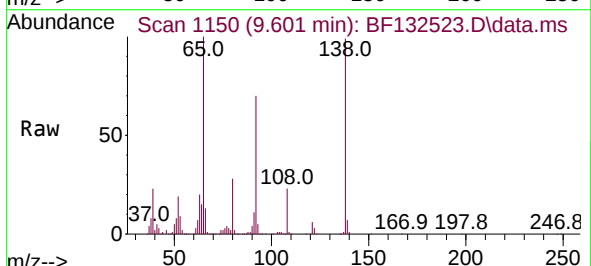
APPROVED

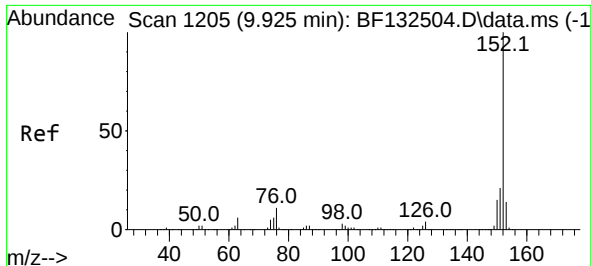
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#48
2-Nitroaniline
Concen: 43.720 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion: 65 Resp: 339210
Ion Ratio Lower Upper
65 100
92 69.6 54.5 81.7
138 99.5 77.2 115.8





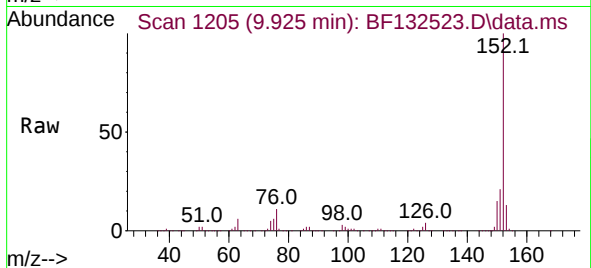
#49
Acenaphthylene
Concen: 44.122 ng
RT: 9.925 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

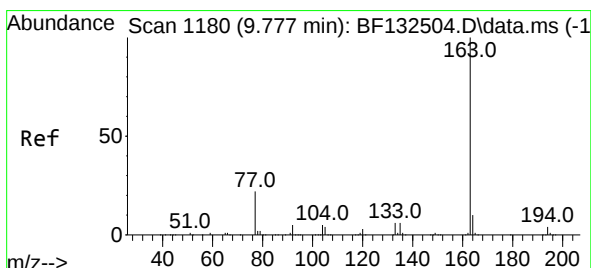
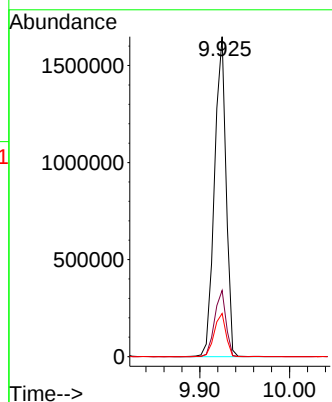
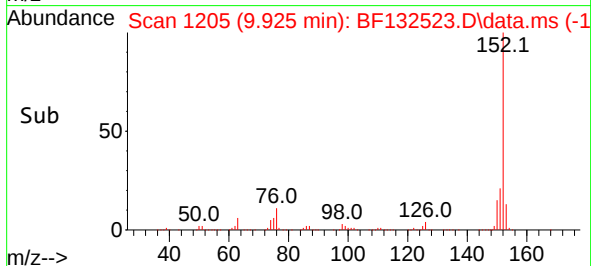


Tgt Ion:152 Resp: 1479255
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6
153 13.5 11.0 16.6

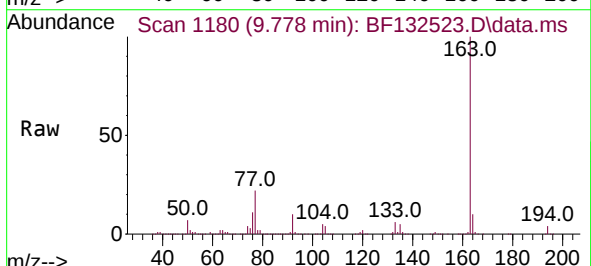
Manual Integrations

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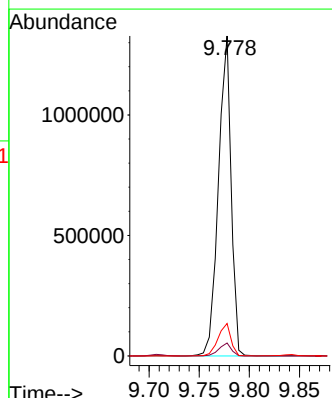
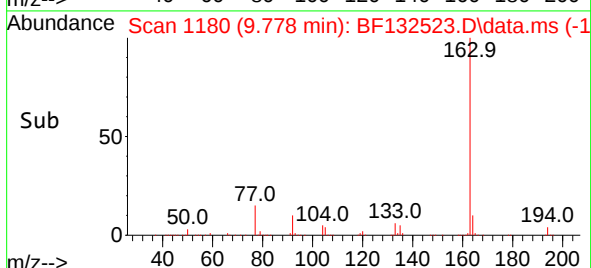
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

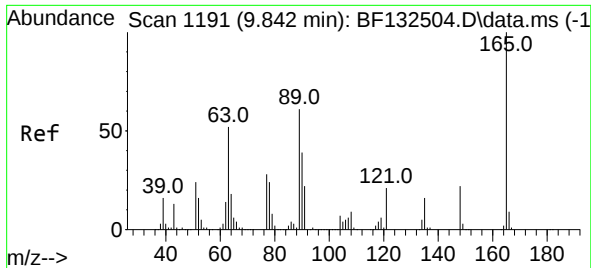


#50
Dimethylphthalate
Concen: 45.879 ng
RT: 9.778 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



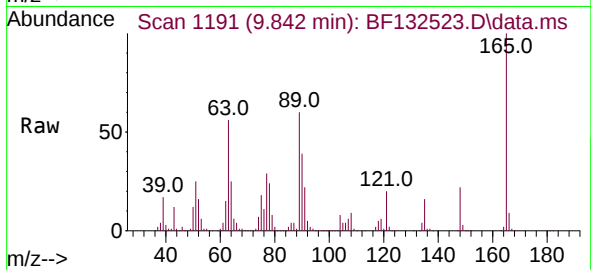
Tgt Ion:163 Resp: 1172678
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.2 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 46.185 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

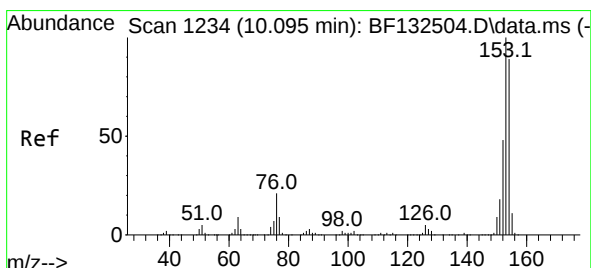
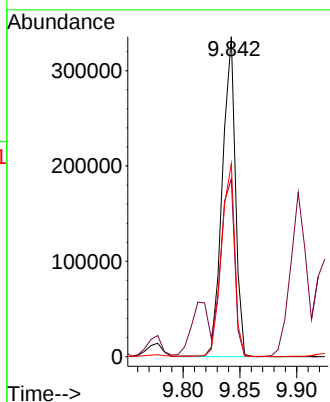
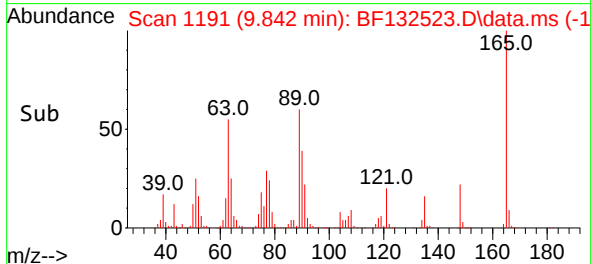
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



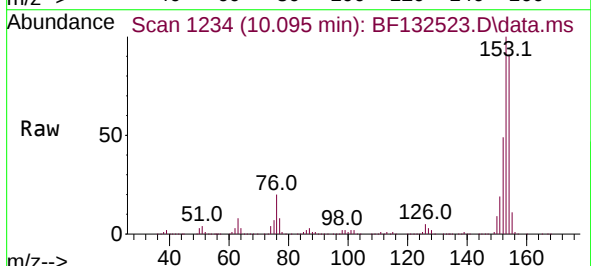
Tgt Ion:165 Resp: 26885
Ion Ratio Lower Upper
165 100
63 55.5 47.3 70.9
89 60.2 48.9 73.3

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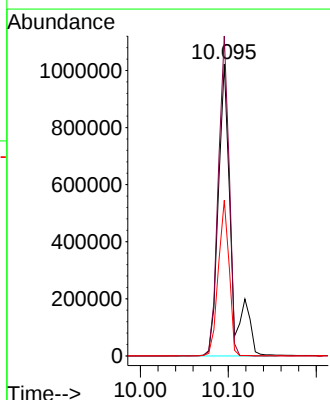
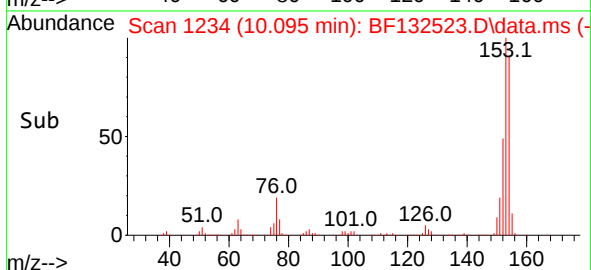
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

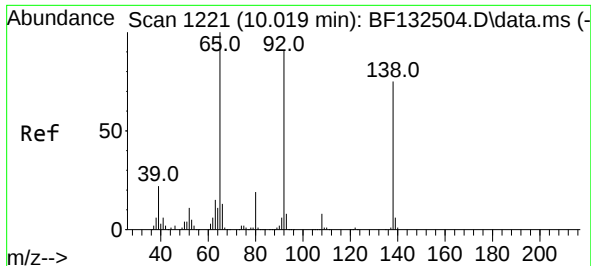


#52
Acenaphthene
Concen: 48.973 ng m
RT: 10.095 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:154 Resp: 1042594
Ion Ratio Lower Upper
154 100
153 109.6 89.8 134.8
152 53.3 43.3 64.9





#53
3-Nitroaniline
Concen: 24.564 ng
RT: 10.013 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

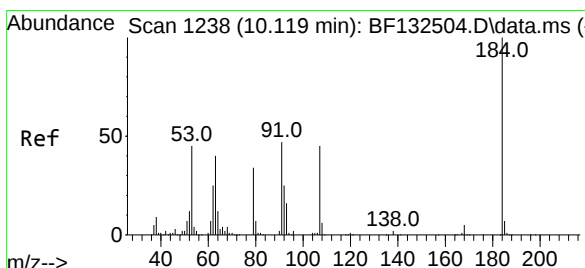
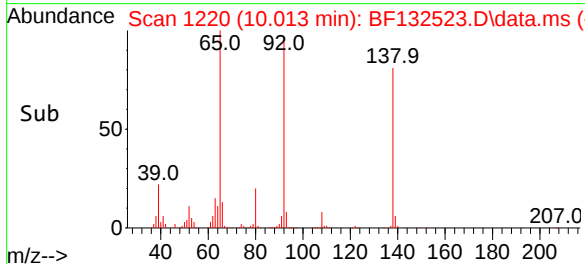
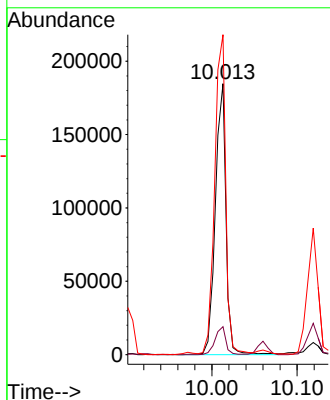
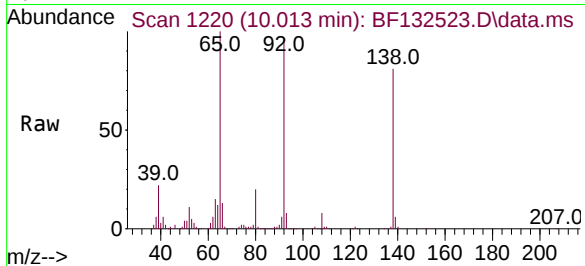
B-17-SB02MS

Tgt Ion:138 Resp: 159950
Ion Ratio Lower Upper
138 100
108 10.3 8.1 12.1
92 118.1 97.2 145.8

Manual Integrations

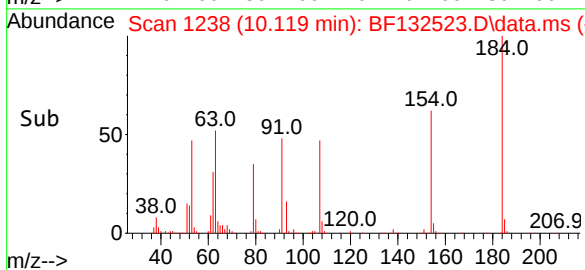
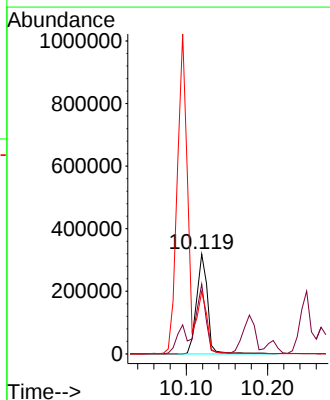
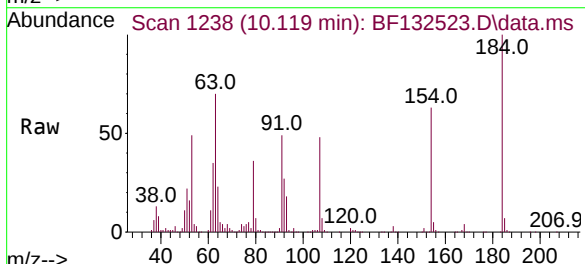
APPROVED

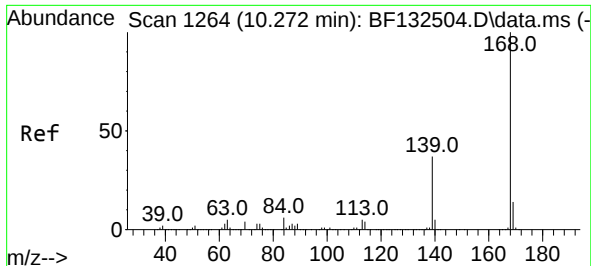
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#54
2,4-Dinitrophenol
Concen: 81.533 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

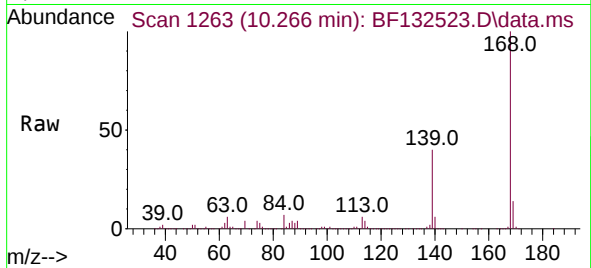
Tgt Ion:184 Resp: 299215
Ion Ratio Lower Upper
184 100
63 70.0 51.4 77.2
154 62.5 48.3 72.5





#55
Dibenzofuran
Concen: 44.033 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

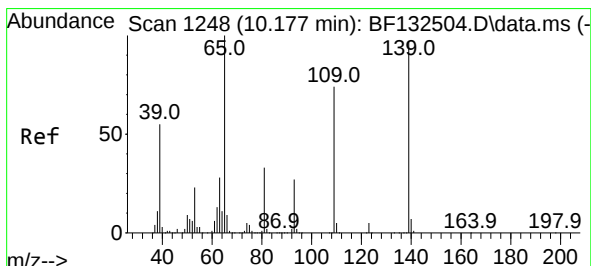
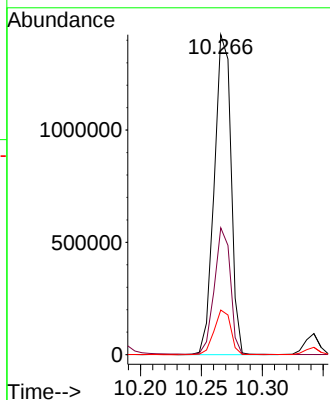
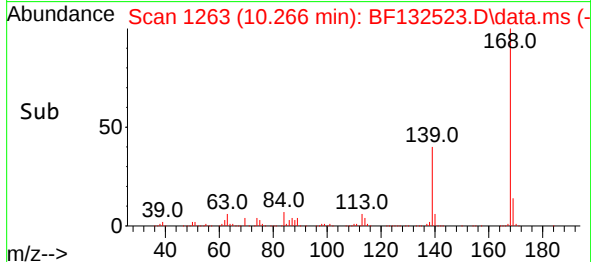
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



Tgt Ion:168 Resp: 1366608
Ion Ratio Lower Upper
168 100
139 39.6 29.8 44.6
169 13.9 10.9 16.3

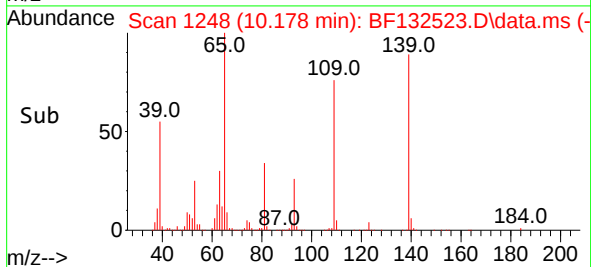
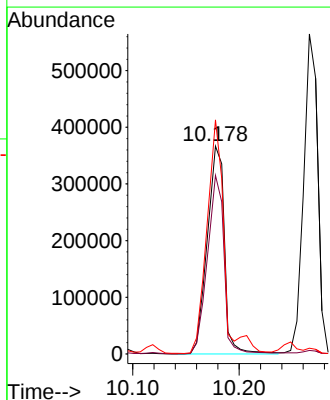
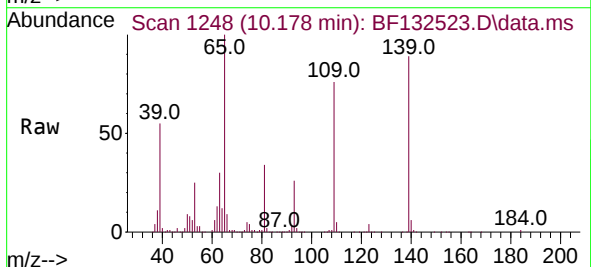
Manual Integrations
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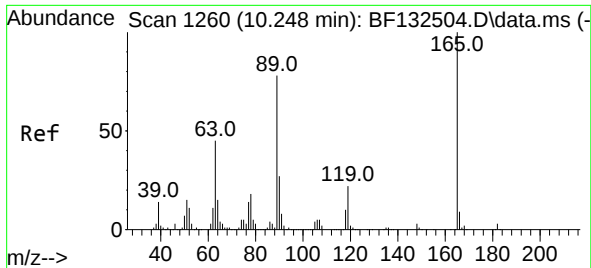
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#56
4-Nitrophenol
Concen: 84.410 ng
RT: 10.178 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:139 Resp: 409909
Ion Ratio Lower Upper
139 100
109 85.9 56.7 96.7
65 112.6 83.5 123.5





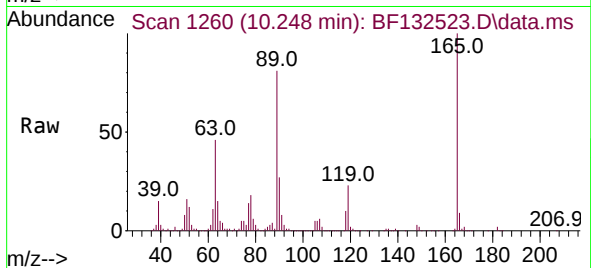
#57
2,4-Dinitrotoluene
Concen: 46.848 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

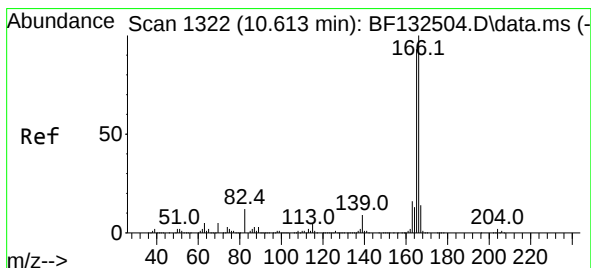
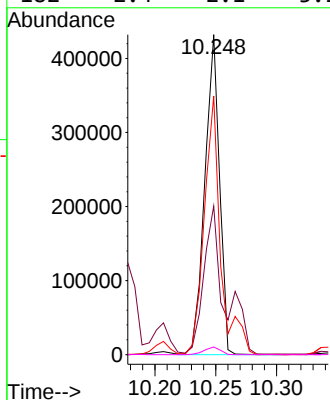
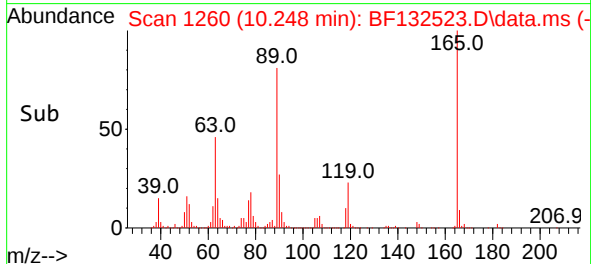


Tgt Ion:165 Resp: 362800
Ion Ratio Lower Upper
165 100
63 46.4 36.5 54.7
89 80.8 62.4 93.6
182 2.4 2.1 3.1

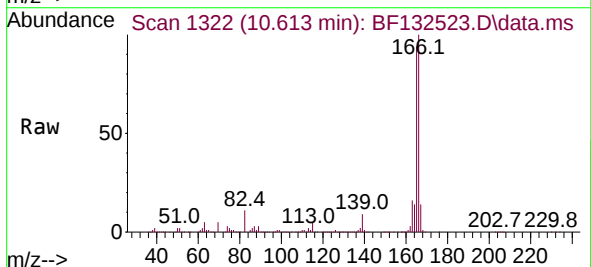
Manual Integrations

APPROVED

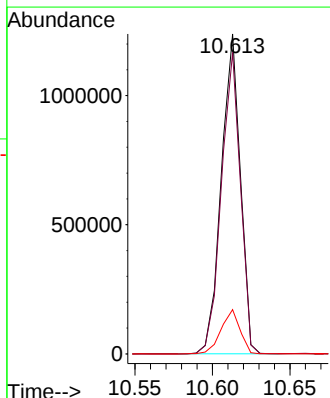
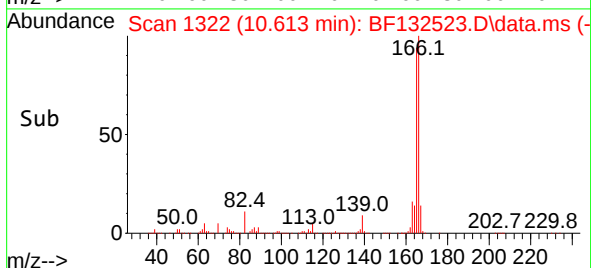
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

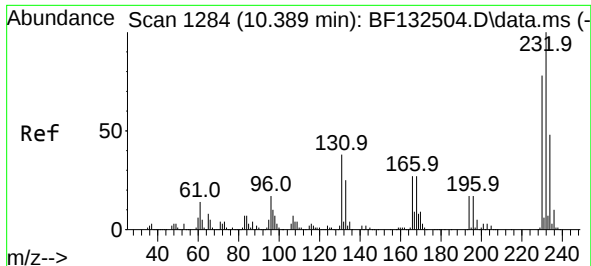


#58
Fluorene
Concen: 44.533 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:166 Resp: 1057210
Ion Ratio Lower Upper
166 100
165 94.2 74.2 111.4
167 13.8 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.581 ng
RT: 10.384 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

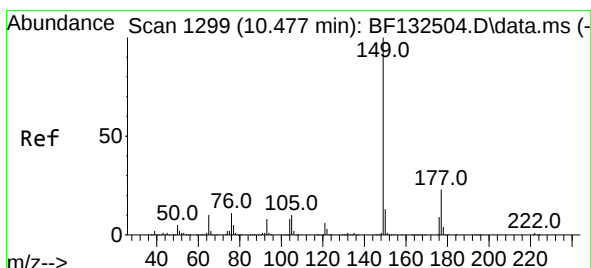
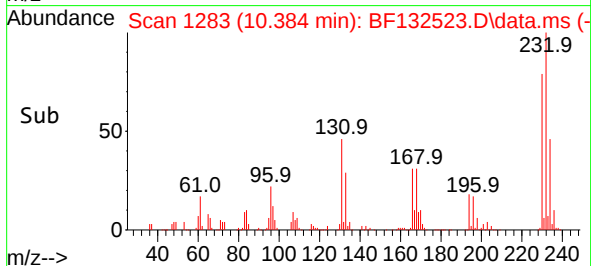
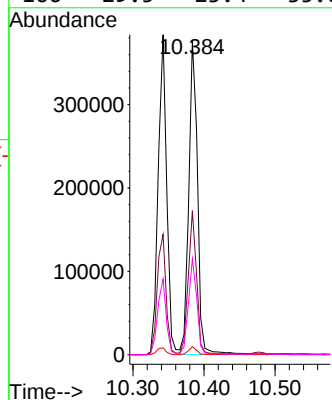
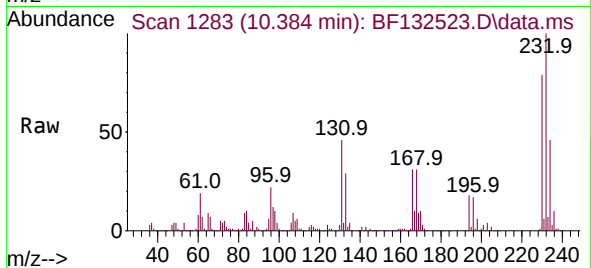
B-17-SB02MS

Tgt Ion:232 Resp: 321094
Ion Ratio Lower Upper
232 100
131 44.2 33.8 50.8
130 2.4 1.7 2.5
166 29.5 23.4 35.0

Manual Integrations

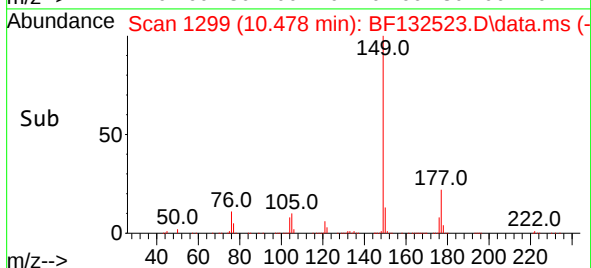
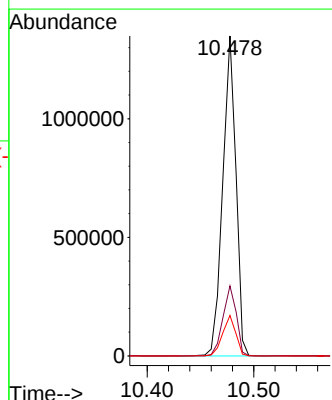
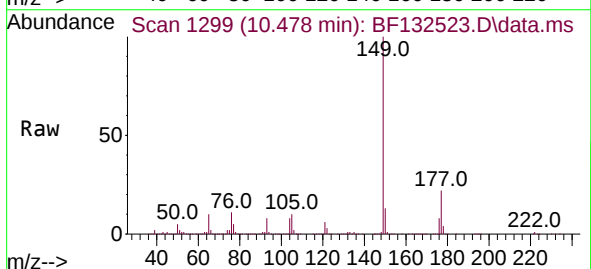
APPROVED

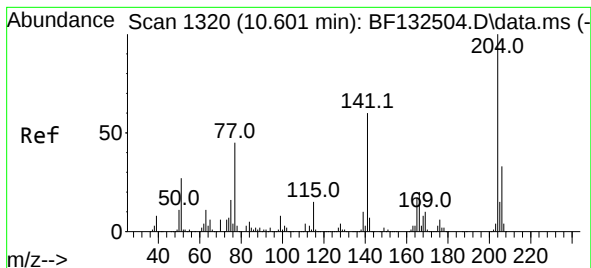
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#60
Diethylphthalate
Concen: 46.568 ng
RT: 10.478 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

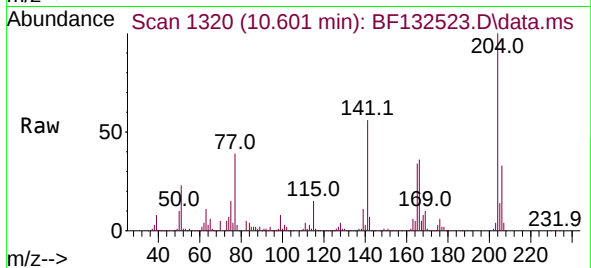
Tgt Ion:149 Resp: 1162497
Ion Ratio Lower Upper
149 100
177 21.9 18.1 27.1
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.874 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

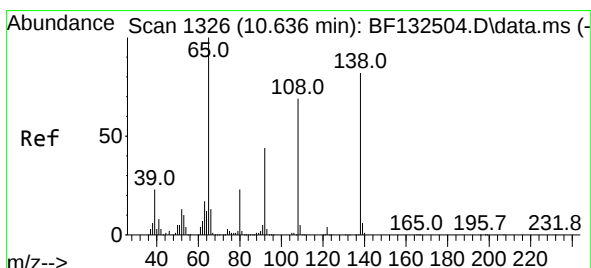
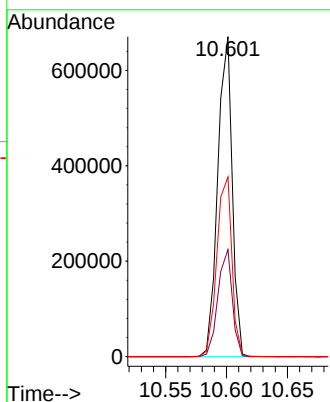
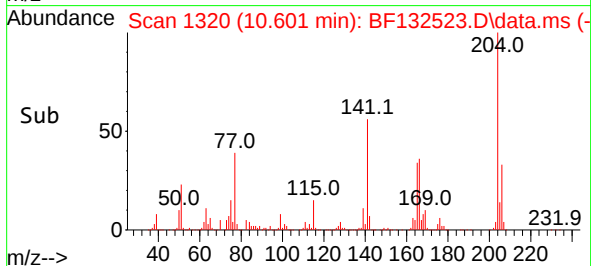
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



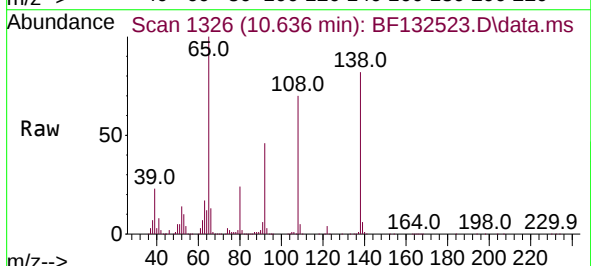
Tgt Ion:204 Resp: 552646
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 56.1 47.8 71.8

Manual Integrations
APPROVED

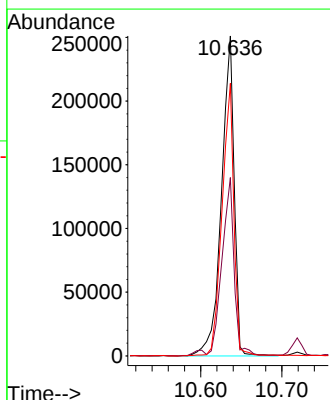
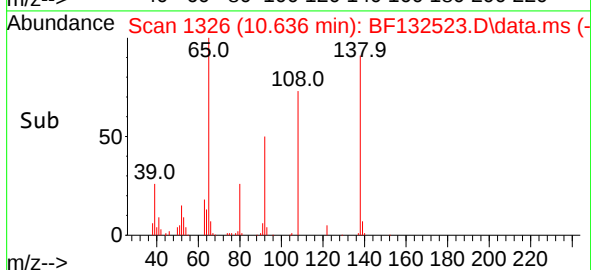
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

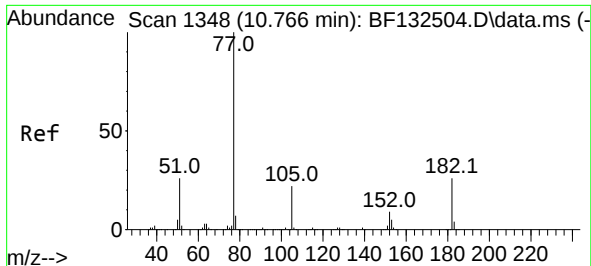


#62
4-Nitroaniline
Concen: 42.652 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:138 Resp: 272627
Ion Ratio Lower Upper
138 100
92 55.7 33.8 73.8
108 85.2 63.7 103.7





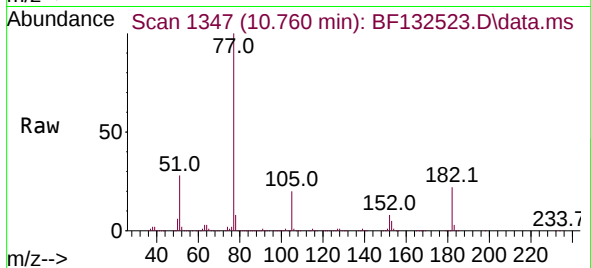
#63
Azobenzene
Concen: 48.845 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

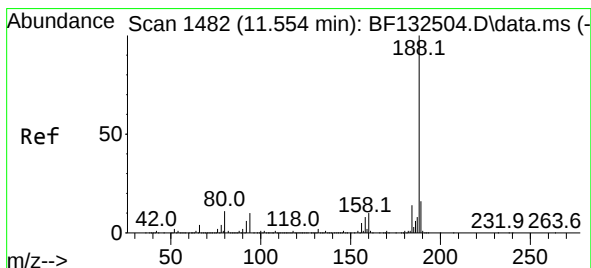
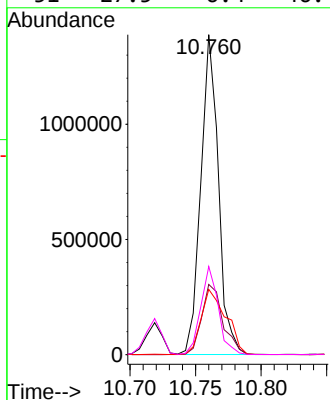
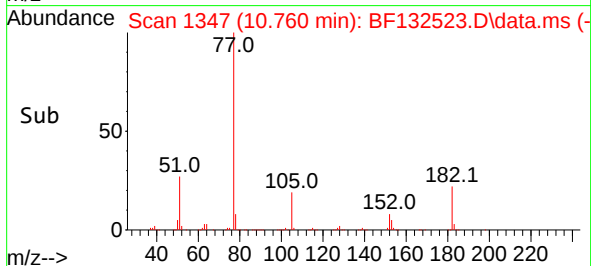


Tgt Ion: 77 Resp: 129136
Ion Ratio Lower Upper
77 100
182 21.9 5.5 45.5
105 20.4 1.8 41.8
51 27.5 6.4 46.4

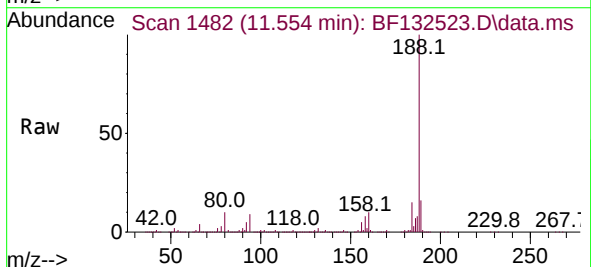
Manual Integrations

APPROVED

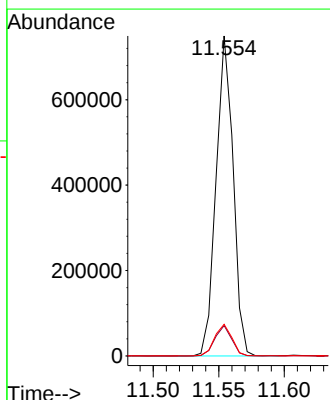
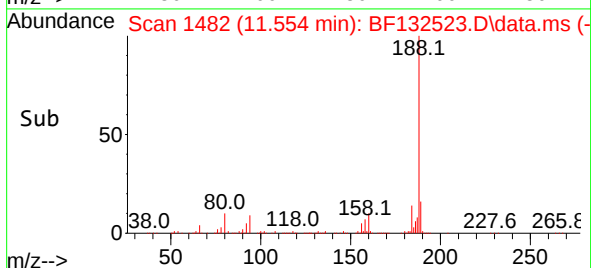
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

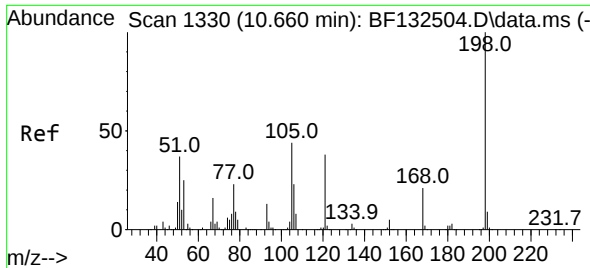


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:188 Resp: 679849
Ion Ratio Lower Upper
188 100
94 9.5 8.3 12.5
80 9.9 8.7 13.1





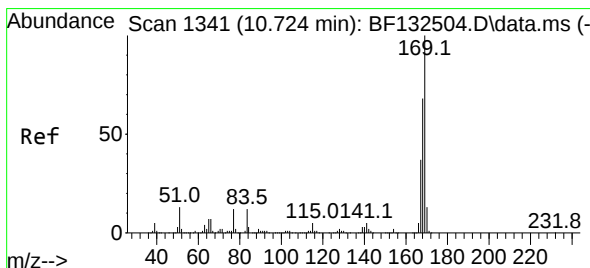
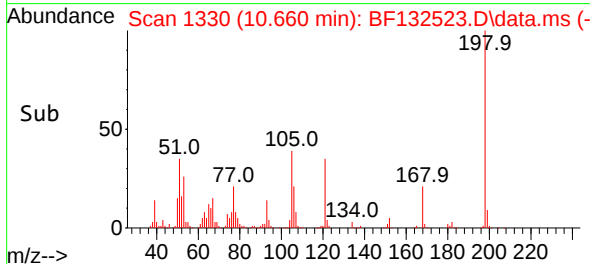
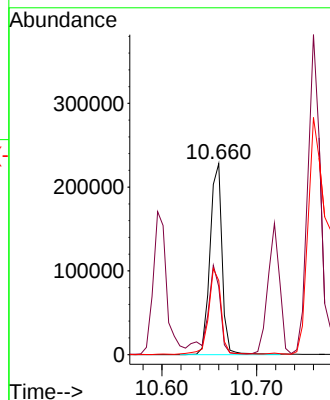
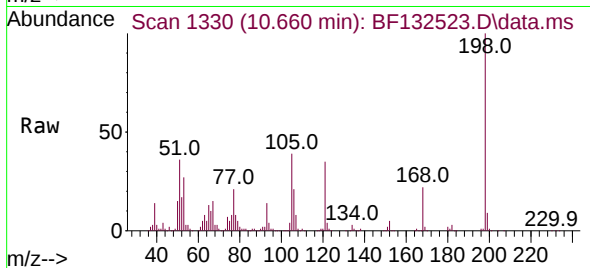
#65
4,6-Dinitro-2-methylphenol
Concen: 44.003 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS

Tgt Ion:198 Resp: 202511
Ion Ratio Lower Upper
198 100
51 35.6 20.6 60.6
105 38.7 24.3 64.3

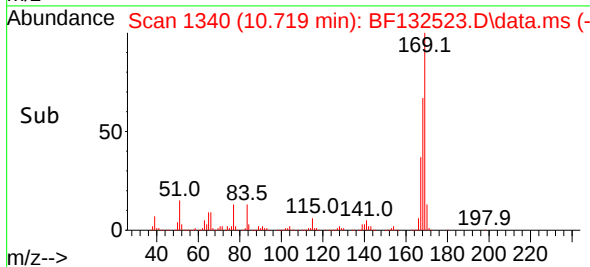
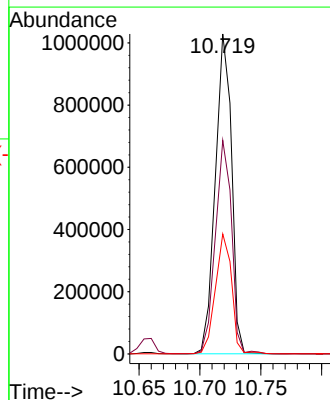
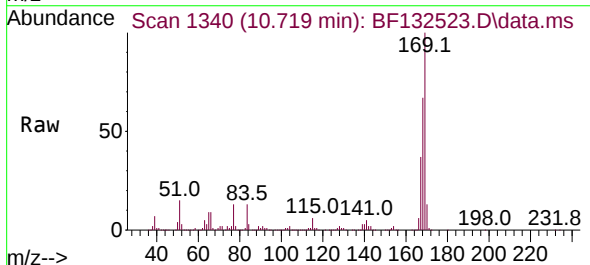
Manual Integrations
APPROVED

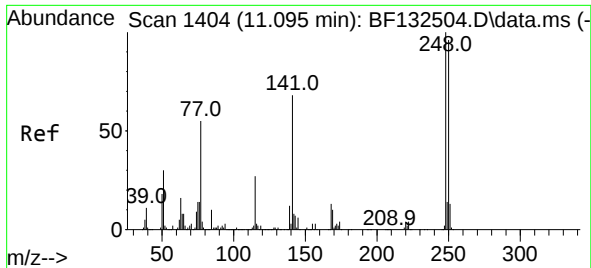
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#66
n-Nitrosodiphenylamine
Concen: 44.872 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

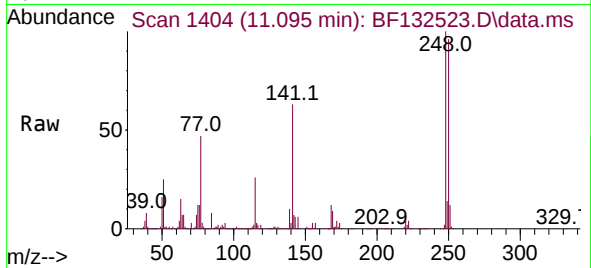
Tgt Ion:169 Resp: 951058
Ion Ratio Lower Upper
169 100
168 66.7 54.2 81.4
167 37.5 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 46.712 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

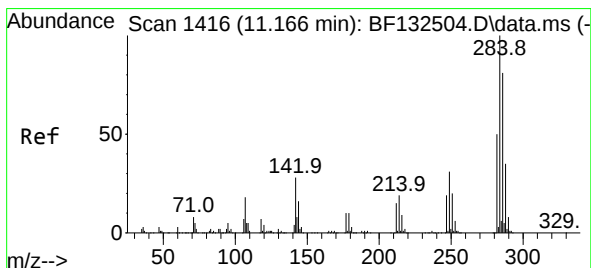
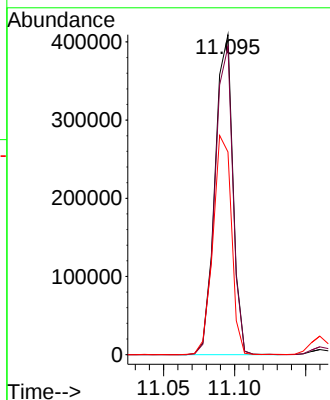
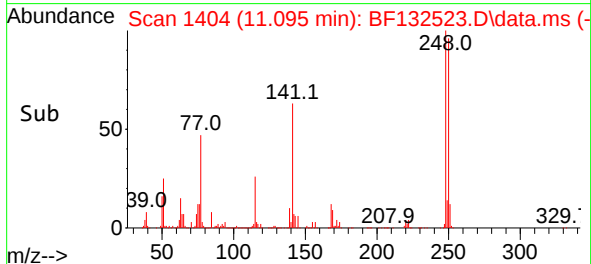
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



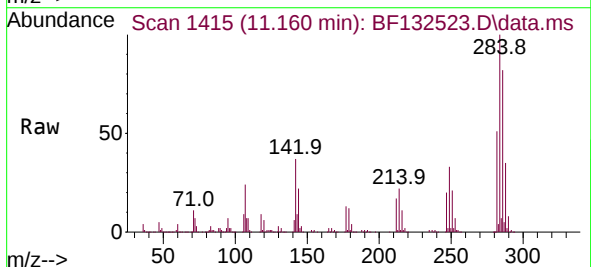
Tgt Ion:248 Resp: 359222
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.4
141 63.3 54.2 81.2

Manual Integrations
APPROVED

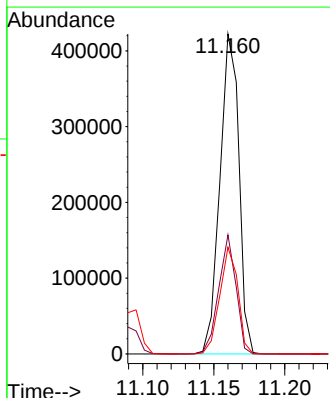
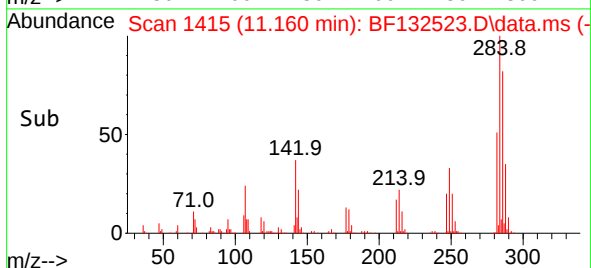
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

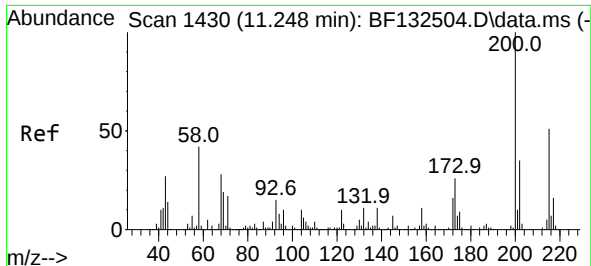


#68
Hexachlorobenzene
Concen: 48.615 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



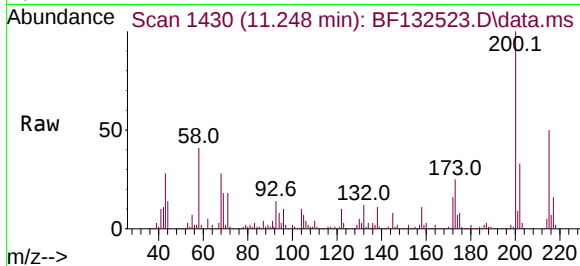
Tgt Ion:284 Resp: 393385
Ion Ratio Lower Upper
284 100
142 37.2 22.2 33.4#
249 33.3 24.9 37.3





#69
Atrazine
Concen: 49.986 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

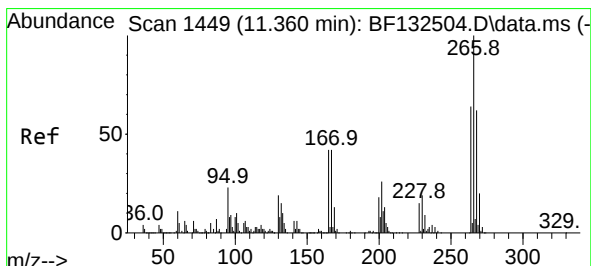
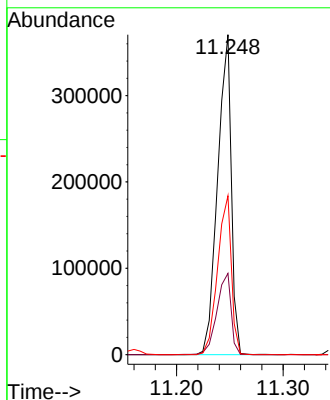
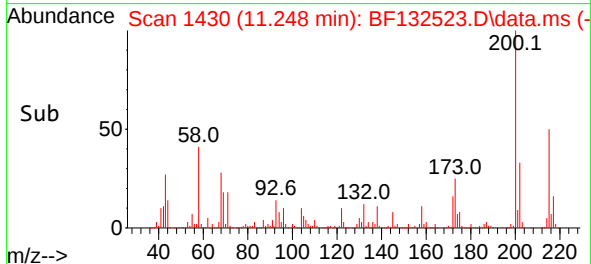
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



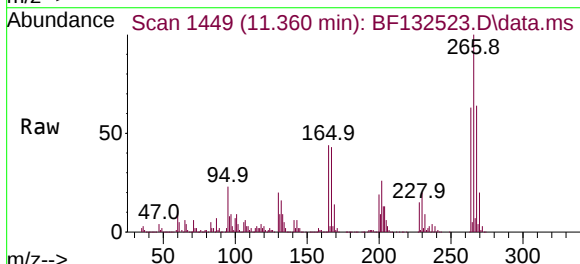
Tgt Ion:200 Resp: 330749
Ion Ratio Lower Upper
200 100
173 25.4 6.4 46.4
215 49.6 31.0 71.0

Manual Integrations
APPROVED

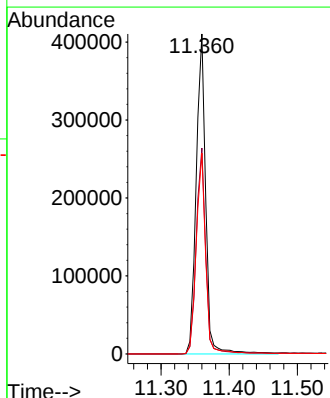
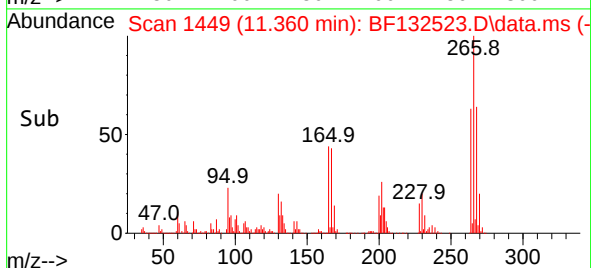
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

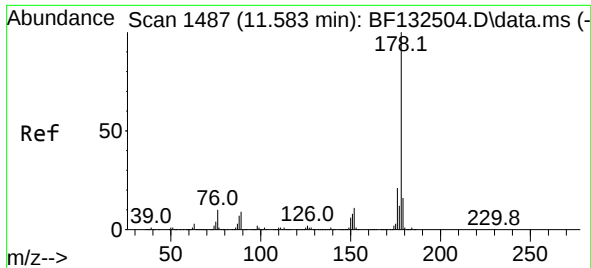


#70
Pentachlorophenol
Concen: 82.599 ng
RT: 11.360 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:266 Resp: 397661
Ion Ratio Lower Upper
266 100
268 64.3 49.8 74.6
264 62.7 50.9 76.3





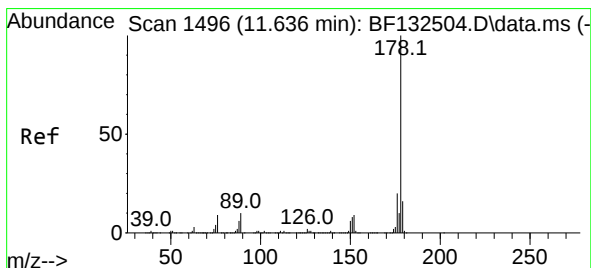
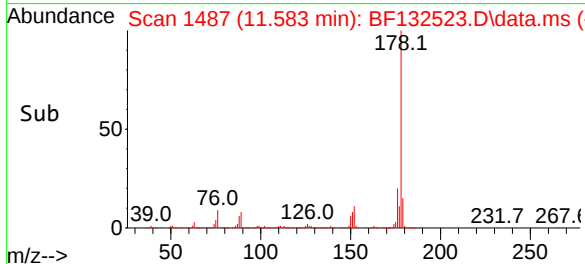
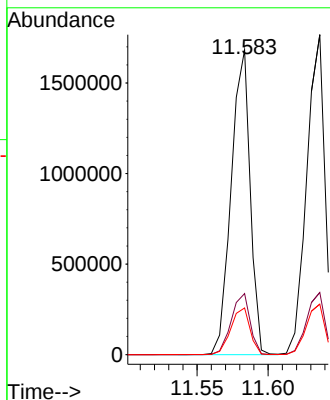
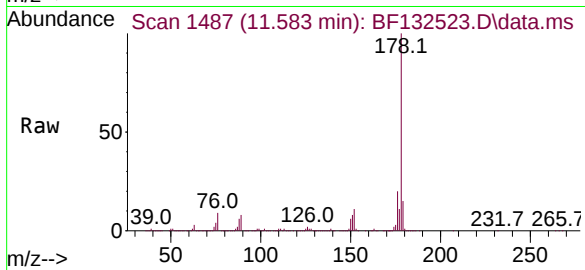
#71
Phenanthrene
Concen: 44.311 ng
RT: 11.583 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS

Tgt Ion:178 Resp: 1560613
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.3 13.0 19.6

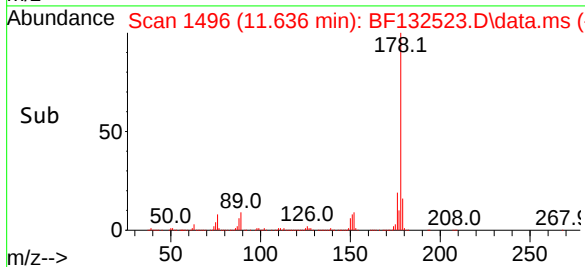
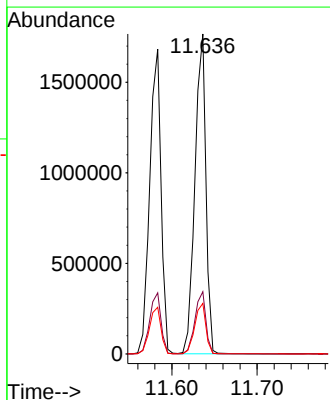
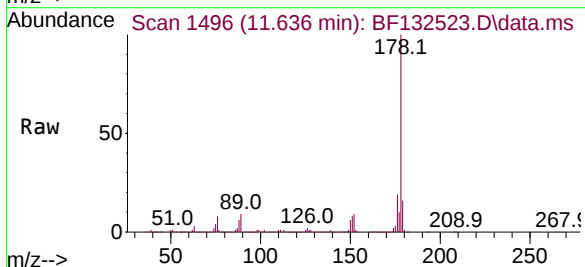
Manual Integrations
APPROVED

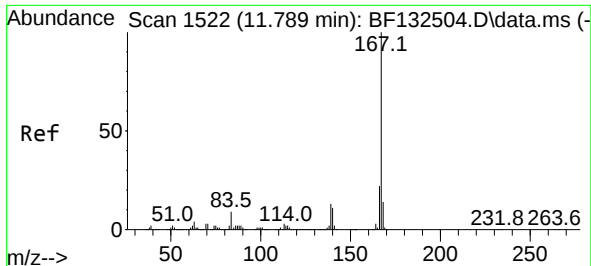
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#72
Anthracene
Concen: 43.531 ng
RT: 11.636 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

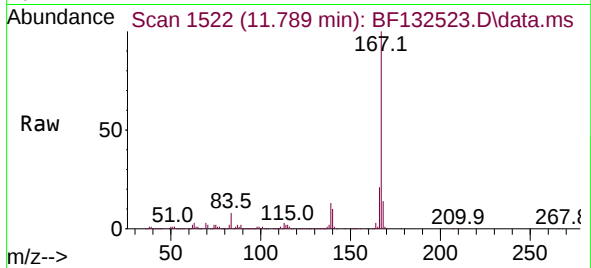
Tgt Ion:178 Resp: 1578781
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 42.893 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132523.D
 Acq: 23 Feb 2023 16:36

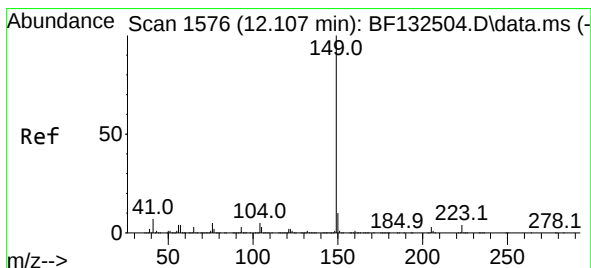
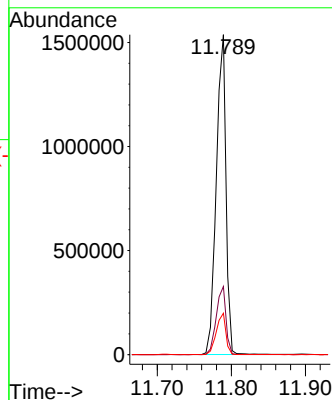
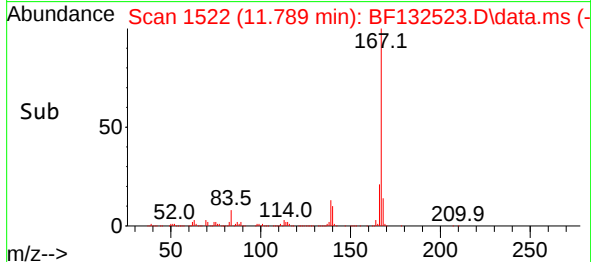
Instrument :
 BNA_F
 ClientSampleId :
 B-17-SB02MS



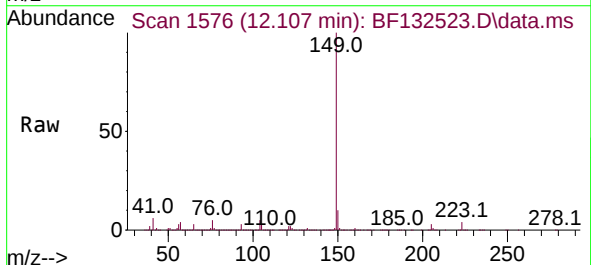
Tgt Ion:167 Resp: 1402572
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

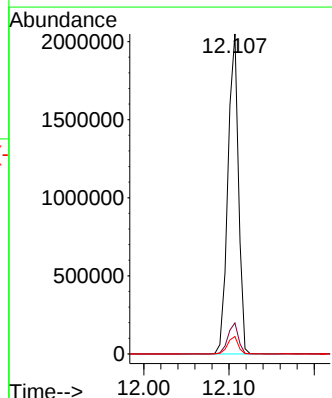
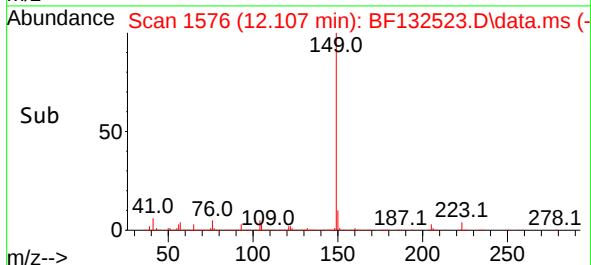
Reviewed By :Christian Giraldo 02/24/2023
 Supervised By :Jagrut Upadhyay 02/24/2023

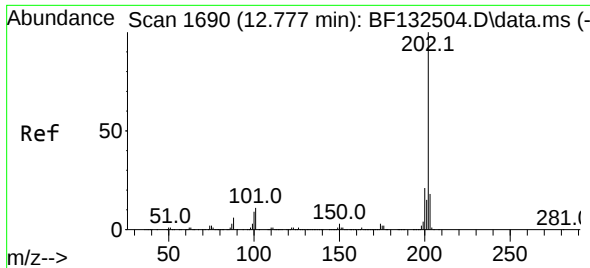


#74
 Di-n-butylphthalate
 Concen: 45.882 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132523.D
 Acq: 23 Feb 2023 16:36



Tgt Ion:149 Resp: 1759872
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.8 11.8
 104 5.5 4.3 6.5





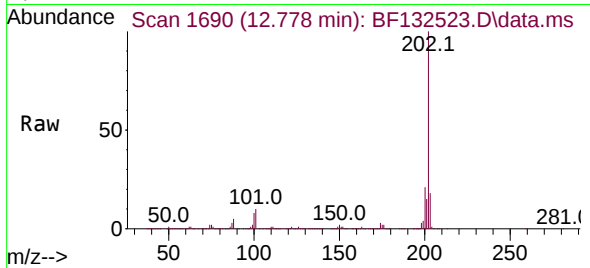
#75
Fluoranthene
Concen: 41.220 ng
RT: 12.778 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

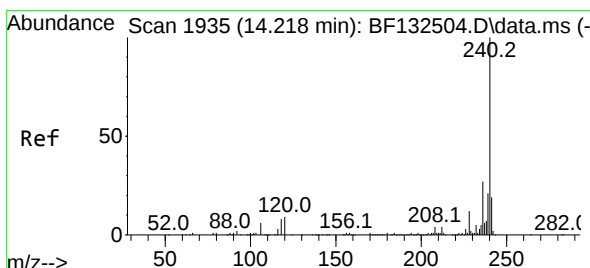
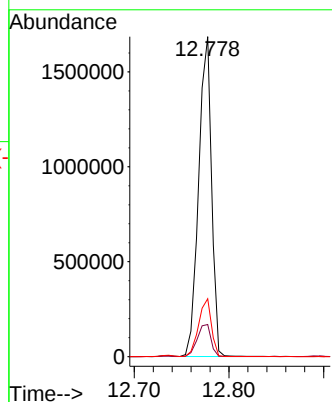
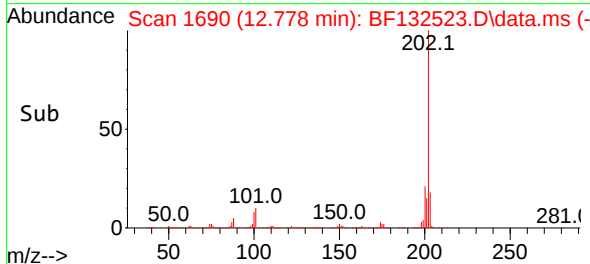


Tgt Ion:202 Resp: 1587040
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.4
203 18.1 0.0 38.0

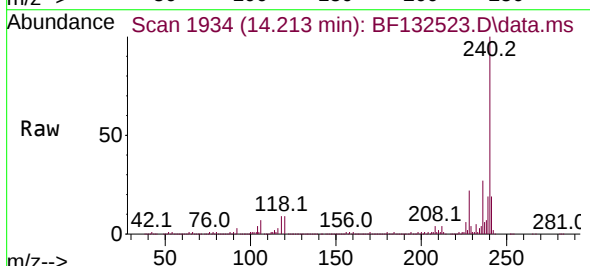
Manual Integrations

APPROVED

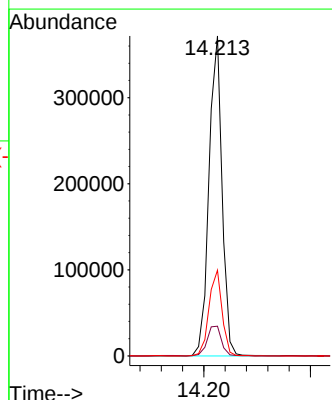
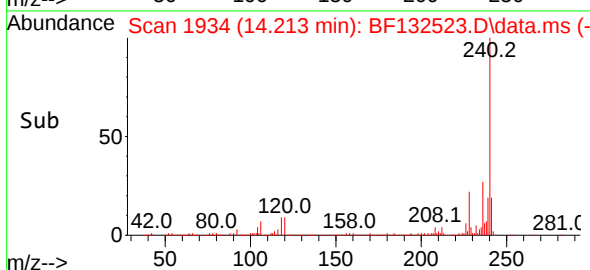
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

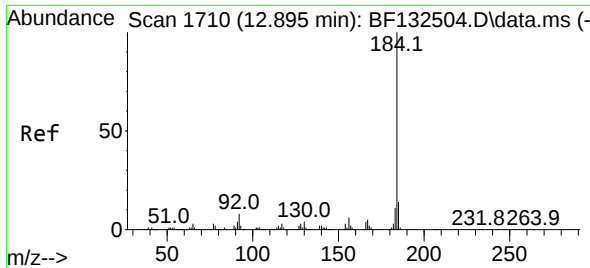


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



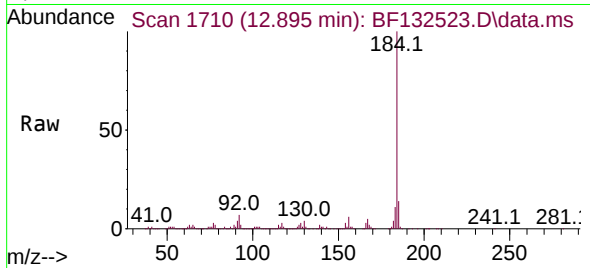
Tgt Ion:240 Resp: 316093
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 26.8 21.8 32.6





#77
Benzidine
Concen: 69.108 ng
RT: 12.895 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

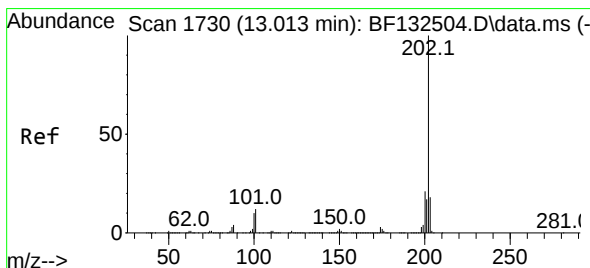
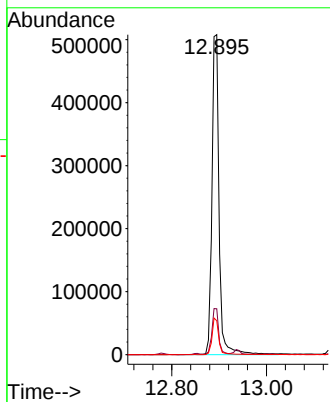
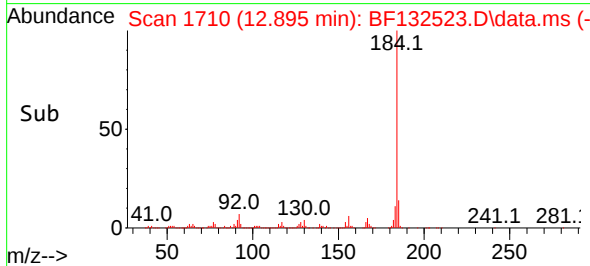
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



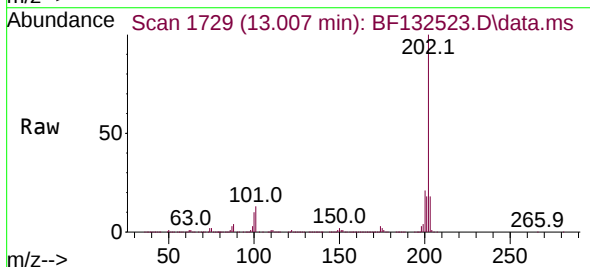
Tgt Ion:184 Resp: 531756
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.6 8.7 13.1

Manual Integrations
APPROVED

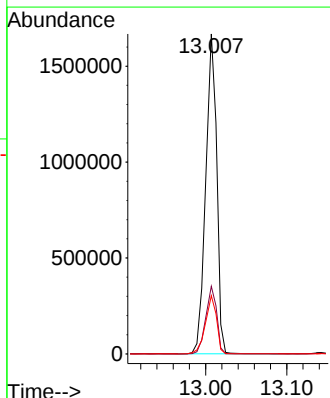
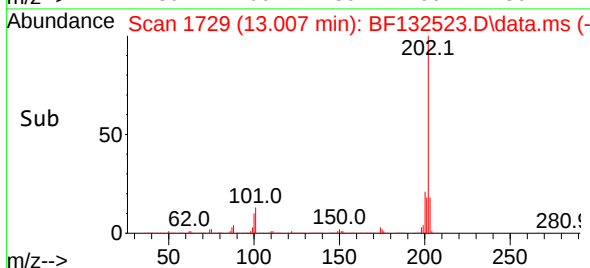
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

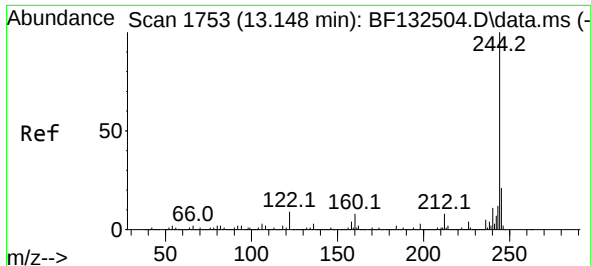


#78
Pyrene
Concen: 54.860 ng
RT: 13.007 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:202 Resp: 1576590
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.2 14.6 21.8





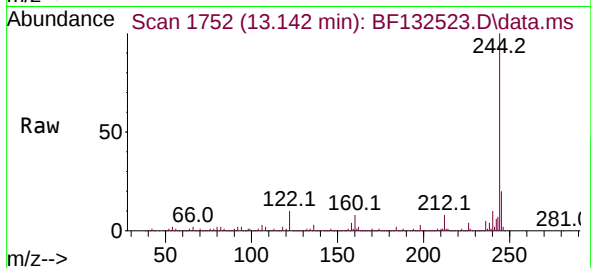
#79
Terphenyl-d14
Concen: 86.862 ng
RT: 13.142 min Scan# 1753
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

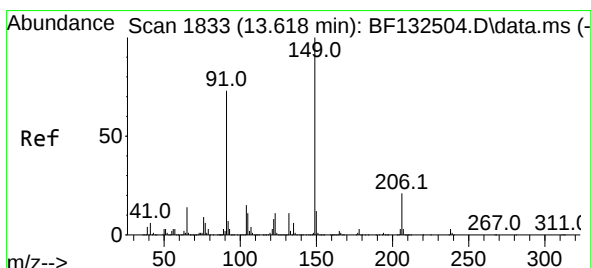
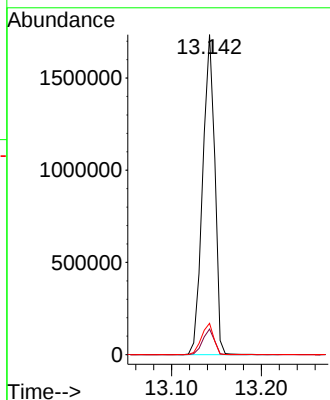
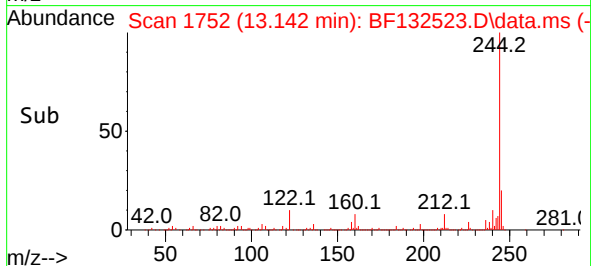


Tgt Ion:244 Resp: 1623932
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.8 7.5 11.3

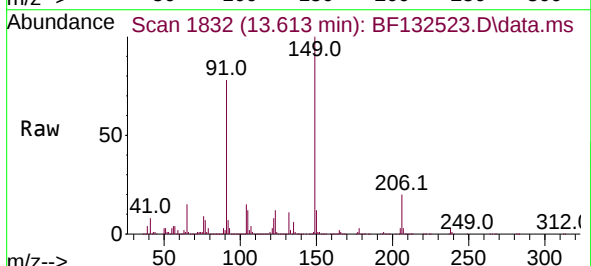
Manual Integrations

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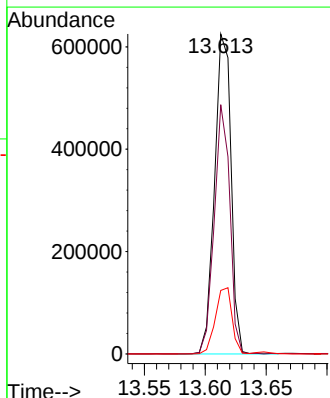
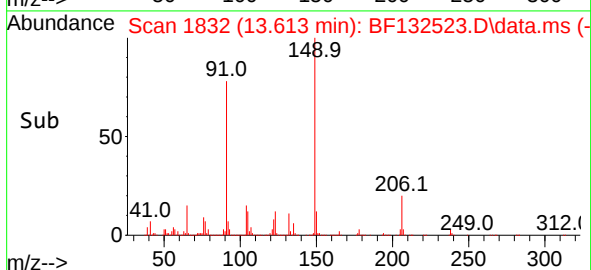
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

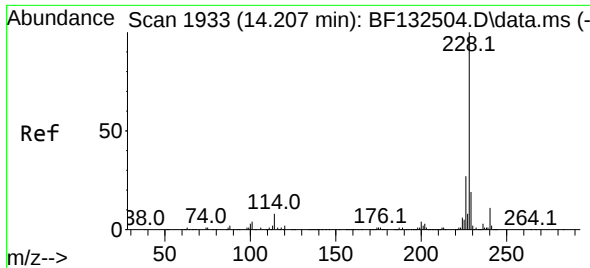


#80
Butylbenzylphthalate
Concen: 51.774 ng
RT: 13.613 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:149 Resp: 587161
Ion Ratio Lower Upper
149 100
91 77.9 58.4 87.6
206 19.8 16.8 25.2





#81
Benzo(a)anthracene
Concen: 46.027 ng
RT: 14.201 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

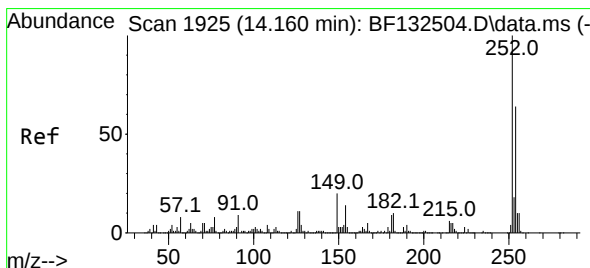
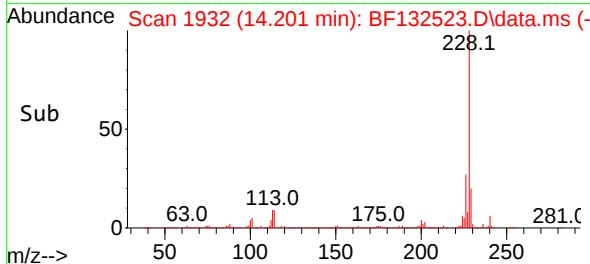
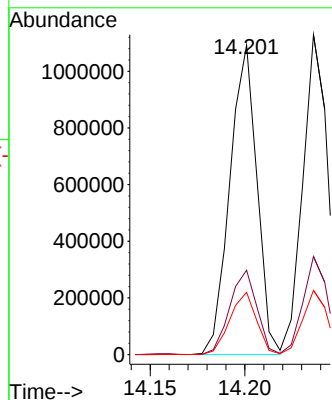
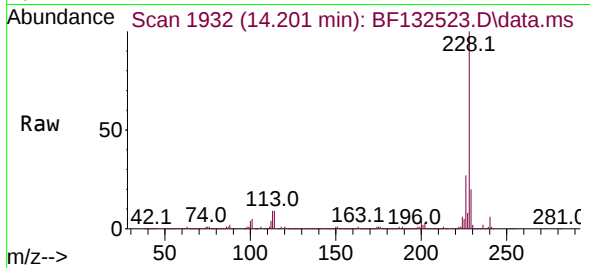
B-17-SB02MS

Tgt Ion:228 Resp: 1088589
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 20.1 15.4 23.2

Manual Integrations

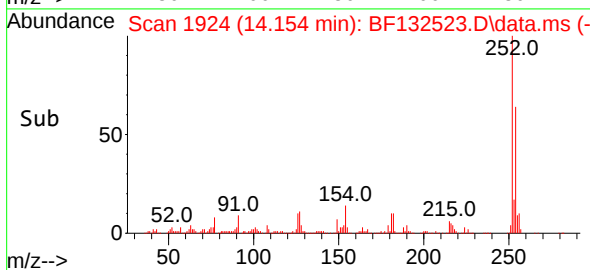
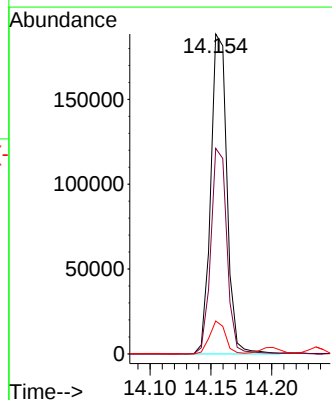
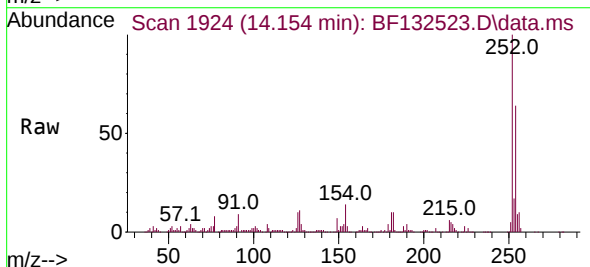
APPROVED

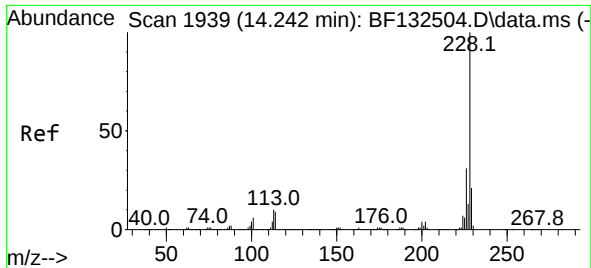
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#82
3,3'-Dichlorobenzidine
Concen: 25.162 ng
RT: 14.154 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Tgt Ion:252 Resp: 175446
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 10.3 8.9 13.3





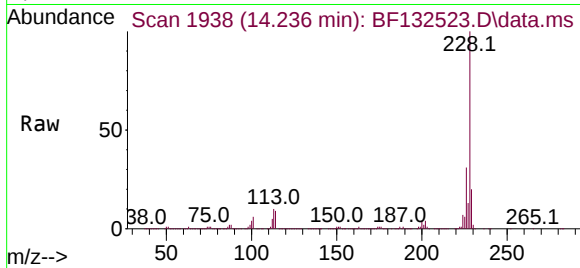
#83
Chrysene
Concen: 45.591 ng
RT: 14.236 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

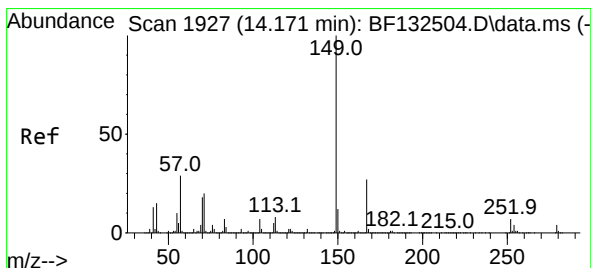
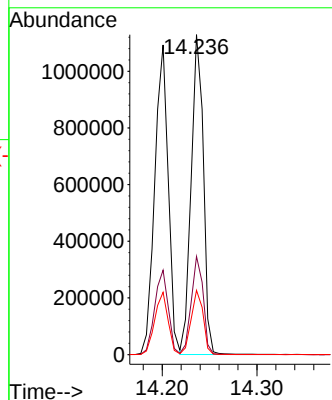
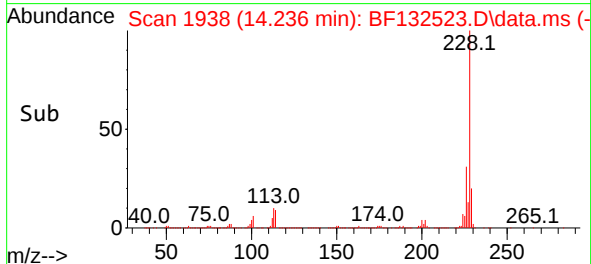


Tgt Ion:228 Resp: 1008302
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 20.1 16.4 24.6

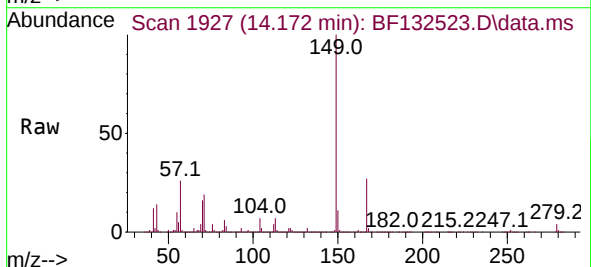
Manual Integrations

APPROVED

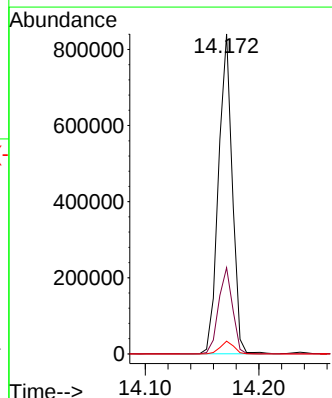
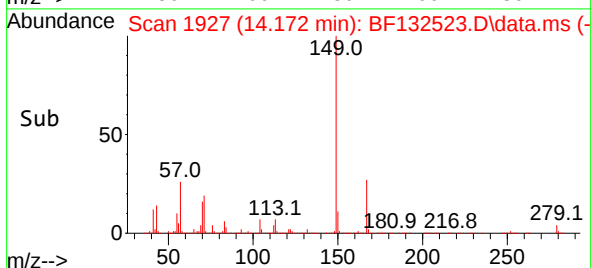
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

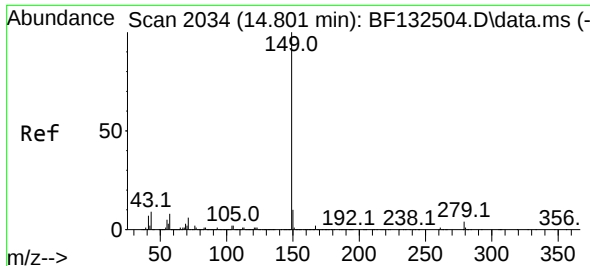


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.586 ng
RT: 14.172 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:149 Resp: 704733
Ion Ratio Lower Upper
149 100
167 26.9 21.8 32.6
279 4.0 3.0 4.6





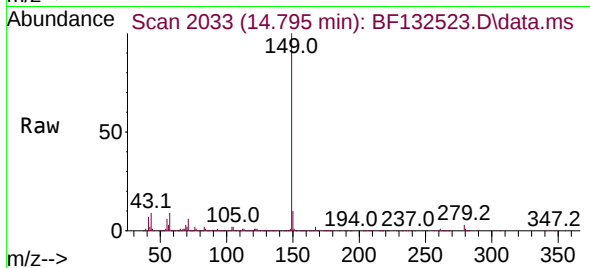
#85
Di-n-octyl phthalate
Concen: 53.600 ng
RT: 14.795 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

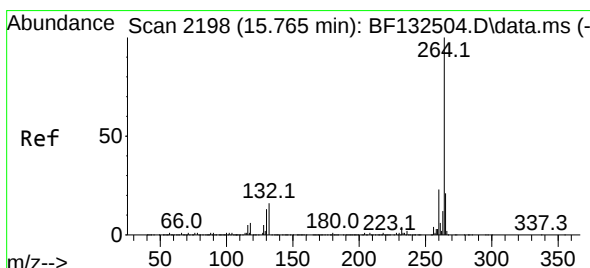
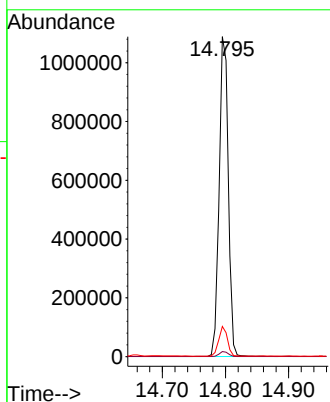
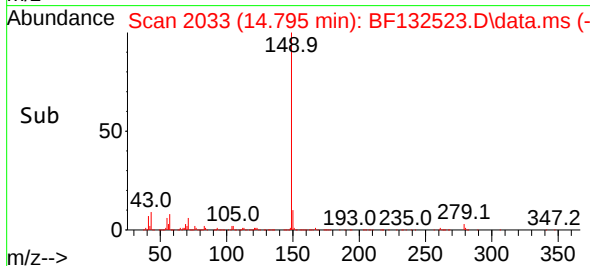


Tgt Ion:149 Resp: 1091208
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.2 10.8

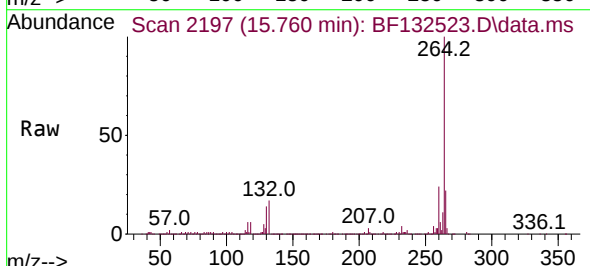
Manual Integrations

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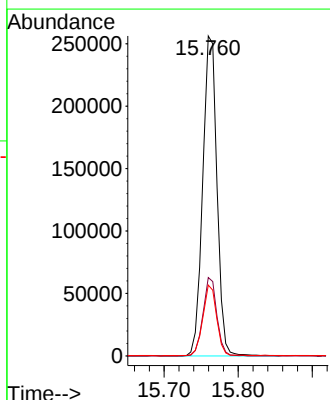
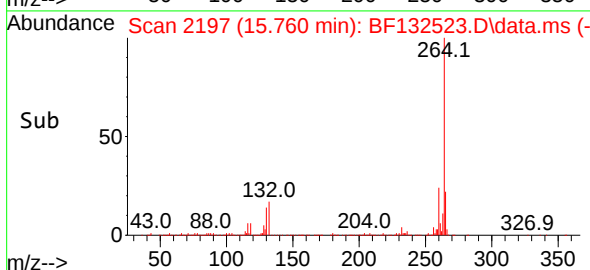
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

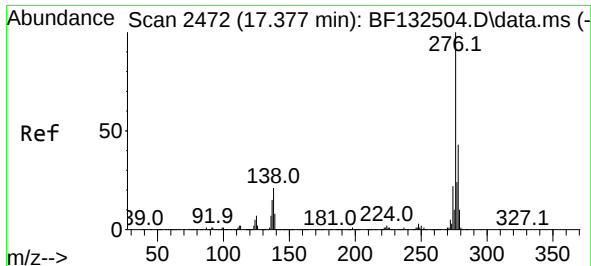


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.760 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:264 Resp: 341781
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 22.1 17.1 25.7





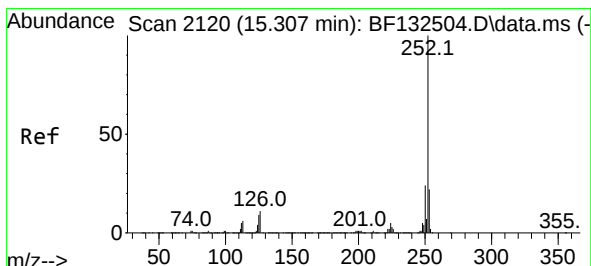
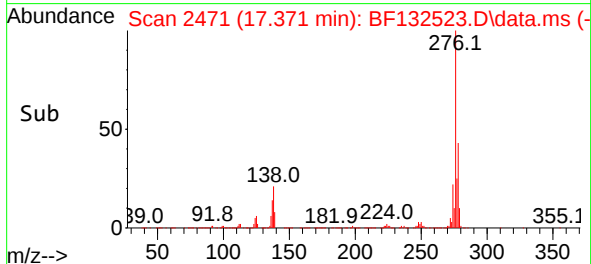
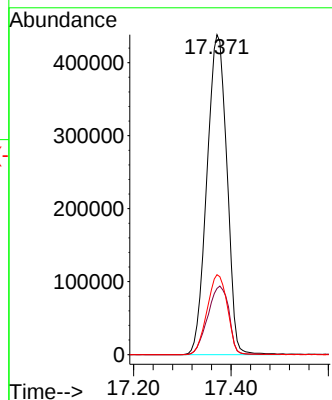
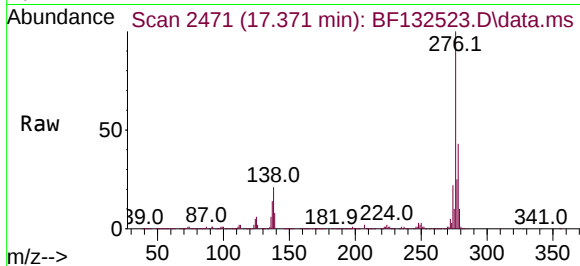
#87
Indeno(1,2,3-cd)pyrene
Concen: 55.721 ng
RT: 17.371 min Scan# 2472
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS

Tgt Ion:276 Resp: 1247873
Ion Ratio Lower Upper
276 100
138 22.7 19.0 28.4
277 25.4 20.0 30.0

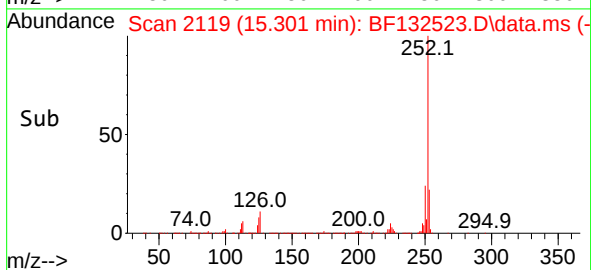
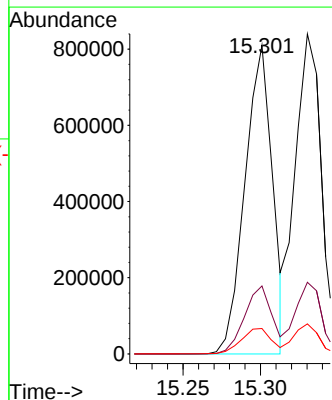
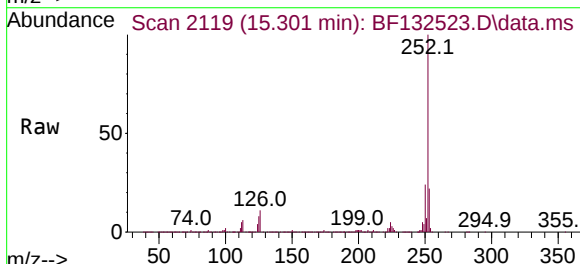
Manual Integrations
APPROVED

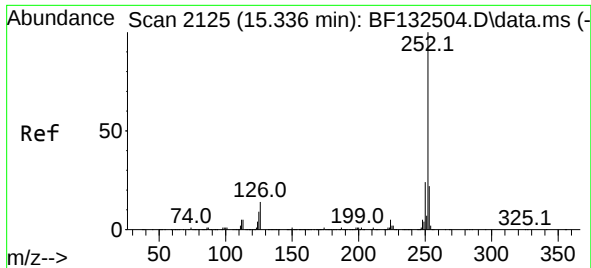
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023



#88
Benzo(b)fluoranthene
Concen: 43.866 ng
RT: 15.301 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

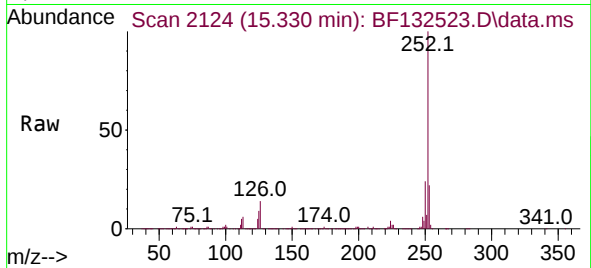
Tgt Ion:252 Resp: 1004720
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 43.845 ng
RT: 15.330 min Scan# 2125
Delta R.T. -0.006 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36

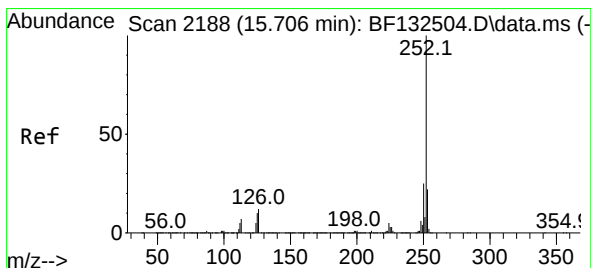
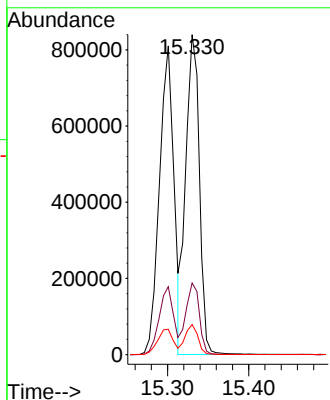
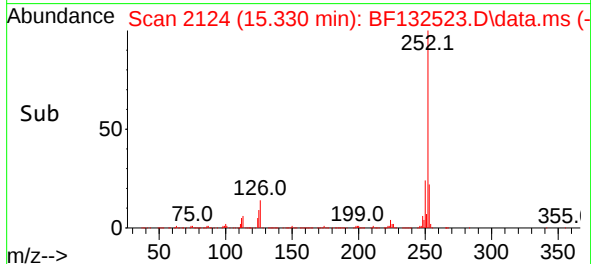
Instrument :
BNA_F
ClientSampleId :
B-17-SB02MS



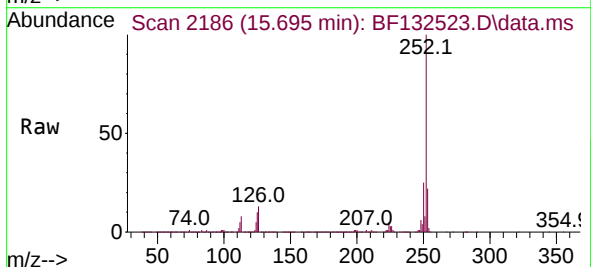
Tgt Ion:252 Resp: 982854
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.4 7.2 10.8

Manual Integrations
APPROVED

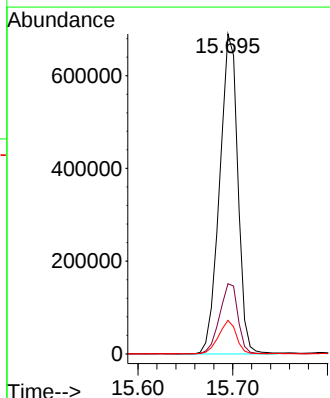
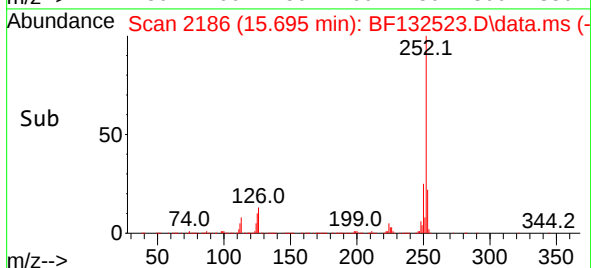
Reviewed By :Christian Giraldo 02/24/2023
Supervised By :Jagrut Upadhyay 02/24/2023

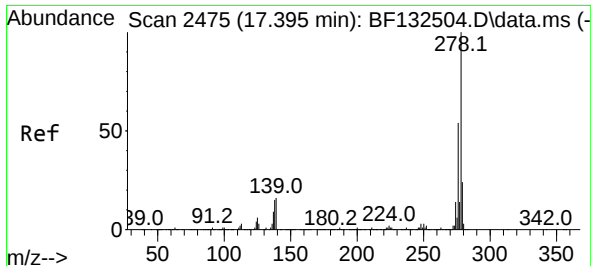


#90
Benzo(a)pyrene
Concen: 42.999 ng
RT: 15.695 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BF132523.D
Acq: 23 Feb 2023 16:36



Tgt Ion:252 Resp: 921748
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.5 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 55.396 ng

RT: 17.389 min Scan# 2475

Delta R.T. -0.006 min

Lab File: BF132523.D

Acq: 23 Feb 2023 16:36

Instrument :

BNA_F

ClientSampleId :

B-17-SB02MS

Tgt Ion:278 Resp: 1010788

Ion Ratio Lower Upper

278 100

139 15.1 13.0 19.4

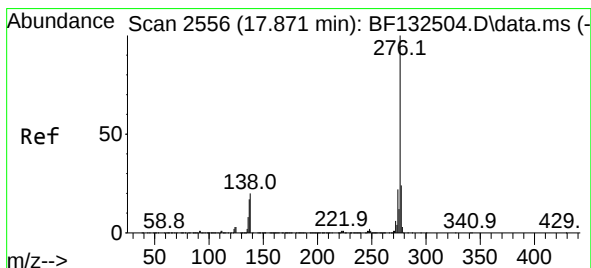
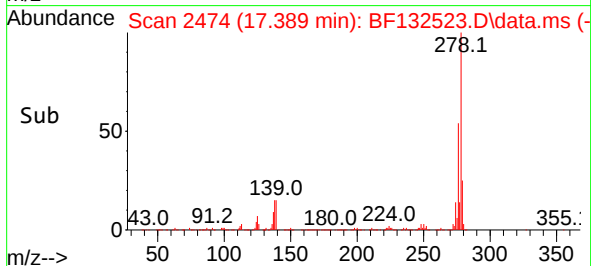
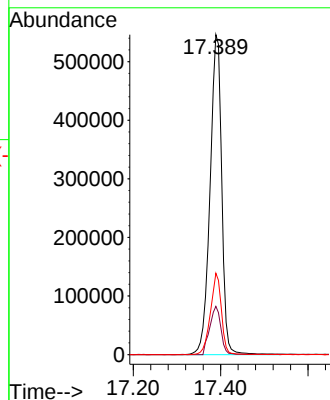
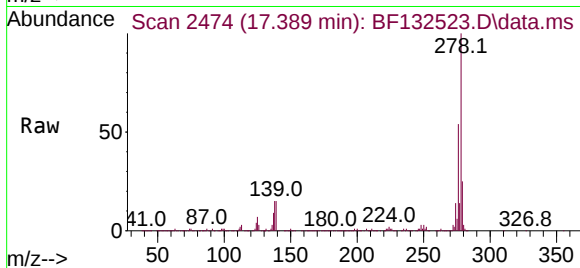
279 25.4 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/24/2023

Supervised By :Jagrut Upadhyay 02/24/2023



#92

Benzo(g,h,i)perylene

Concen: 50.621 ng

RT: 17.865 min Scan# 2555

Delta R.T. -0.006 min

Lab File: BF132523.D

Acq: 23 Feb 2023 16:36

Tgt Ion:276 Resp: 1045717

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 18.9 16.2 24.4

