

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132512.D
 Acq On : 22 Feb 2023 18:40
 Operator : CG\JU
 Sample : PB151002BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151002BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 01:18:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	189376	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	713954	20.000	ng	0.00
39) Acenaphthene-d10	10.060	164	383723	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	740596	20.000	ng	0.00
76) Chrysene-d12	14.213	240	470499	20.000	ng	# 0.00
86) Perylene-d12	15.766	264	405835	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1365058	116.987	ng	0.01
7) Phenol-d6	6.643	99	1787012	117.347	ng	0.00
23) Nitrobenzene-d5	7.578	82	1196375	79.503	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	482736	116.489	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	1824016	72.379	ng	0.00
79) Terphenyl-d14	13.148	244	2300084	82.654	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.972	88	208522	32.306	ng	99
3) Pyridine	3.719	79	546351	31.889	ng	99
4) n-Nitrosodimethylamine	3.684	42	258484	39.942	ng	96
6) Aniline	6.672	93	730152	35.628	ng	98
8) 2-Chlorophenol	6.801	128	537651	44.396	ng	96
9) Benzaldehyde	6.560	77	198371	24.141	ng	99
10) Phenol	6.654	94	709484	40.637	ng	98
11) bis(2-Chloroethyl)ether	6.743	93	561506	41.661	ng	98
12) 1,3-Dichlorobenzene	6.954	146	557626	42.907	ng	97
13) 1,4-Dichlorobenzene	7.031	146	551316	42.485	ng	98
14) 1,2-Dichlorobenzene	7.184	146	535043	42.962	ng	97
15) Benzyl Alcohol	7.154	79	494516	42.165	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.284	45	738806	42.986	ng	99
17) 2-Methylphenol	7.266	107	448297	39.664	ng	99
18) Hexachloroethane	7.525	117	220533	43.500	ng	97
19) n-Nitroso-di-n-propyla...	7.425	70	373035	39.803	ng	96
20) 3+4-Methylphenols	7.413	107	514622	35.243	ng	96
22) Acetophenone	7.419	105	703891	39.099	ng	94
24) Nitrobenzene	7.595	77	634105	39.400	ng	97
25) Isophorone	7.831	82	1099142	38.097	ng	98
26) 2-Nitrophenol	7.913	139	288504	40.629	ng	97
27) 2,4-Dimethylphenol	7.942	122	467502m	41.714	ng	
28) bis(2-Chloroethoxy)met...	8.037	93	665204	39.414	ng	100
29) 2,4-Dichlorophenol	8.154	162	449621	40.330	ng	98
30) 1,2,4-Trichlorobenzene	8.237	180	490426	40.512	ng	98
31) Naphthalene	8.319	128	1432651	39.197	ng	99
32) Benzoic acid	8.072	122	344668	39.744	ng	89
33) 4-Chloroaniline	8.366	127	358781	22.907	ng	95
34) Hexachlorobutadiene	8.431	225	312947	40.682	ng	100
35) Caprolactam	8.742	113	155436m	42.291	ng	
36) 4-Chloro-3-methylphenol	8.854	107	495099	40.438	ng	96
37) 2-Methylnaphthalene	9.013	142	949972	38.139	ng	99
38) 1-Methylnaphthalene	9.113	142	882953	37.931	ng	100
40) 1,2,4,5-Tetrachloroben...	9.178	216	491984	39.188	ng	99
41) Hexachlorocyclopentadiene	9.166	237	602371	88.461	ng	100
43) 2,4,6-Trichlorophenol	9.289	196	337771	39.700	ng	97

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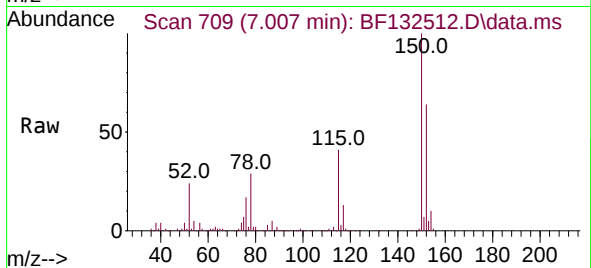
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.337	196	365754	36.833	ng	94
46) 1,1'-Biphenyl	9.478	154	1141982	39.320	ng	99
47) 2-Chloronaphthalene	9.507	162	907990	39.432	ng	99
48) 2-Nitroaniline	9.601	65	329088	38.804	ng	99
49) Acenaphthylene	9.925	152	1415913	38.636	ng	100
50) Dimethylphthalate	9.778	163	1066332	38.165	ng	100
51) 2,6-Dinitrotoluene	9.842	165	253327	39.812	ng	92
52) Acenaphthene	10.095	154	1020716m	43.862	ng	
53) 3-Nitroaniline	10.013	138	217398	30.543	ng	99
54) 2,4-Dinitrophenol	10.119	184	328335	81.841	ng	93
55) Dibenzofuran	10.272	168	1286095	37.910	ng	100
56) 4-Nitrophenol	10.184	139	427138	80.467	ng	96
57) 2,4-Dinitrotoluene	10.248	165	344847	40.737	ng	98
58) Fluorene	10.613	166	1017299	39.203	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.384	232	309716	41.987	ng	100
60) Diethylphthalate	10.478	149	1070066	39.215	ng	100
61) 4-Chlorophenyl-phenyle...	10.601	204	522013	38.777	ng	97
62) 4-Nitroaniline	10.636	138	271077	38.798	ng	98
63) Azobenzene	10.760	77	1122711	38.849	ng	96
65) 4,6-Dinitro-2-methylph...	10.660	198	208735	41.635	ng	95
66) n-Nitrosodiphenylamine	10.719	169	908372	39.343	ng	98
67) 4-Bromophenyl-phenylether	11.095	248	324804	38.772	ng	98
68) Hexachlorobenzene	11.160	284	367506	41.692	ng	# 91
69) Atrazine	11.248	200	303821	42.150	ng	99
70) Pentachlorophenol	11.360	266	394322	75.187	ng	99
71) Phenanthrene	11.583	178	1513437	39.447	ng	99
72) Anthracene	11.636	178	1523333	38.557	ng	99
73) Carbazole	11.789	167	1415049	39.725	ng	100
74) Di-n-butylphthalate	12.107	149	1640852	39.270	ng	100
75) Fluoranthene	12.777	202	1659809	39.573	ng	99
77) Benzidine	12.895	184	596246	52.059	ng	100
78) Pyrene	13.013	202	1702916	39.809	ng	100
80) Butylbenzylphthalate	13.619	149	681749	40.387	ng	99
81) Benzo(a)anthracene	14.201	228	1390585	39.501	ng	98
82) 3,3'-Dichlorobenzidine	14.160	252	348541	33.582	ng	100
83) Chrysene	14.242	228	1298581	39.447	ng	99
84) Bis(2-ethylhexyl)phtha...	14.172	149	874337	42.163	ng	99
85) Di-n-octyl phthalate	14.801	149	1252822	41.343	ng	100
87) Indeno(1,2,3-cd)pyrene	17.377	276	1191973	44.824	ng	100
88) Benzo(b)fluoranthene	15.301	252	1192377	43.842	ng	98
89) Benzo(k)fluoranthene	15.336	252	1076575	40.446	ng	99
90) Benzo(a)pyrene	15.701	252	1014315	39.849	ng	100
91) Dibenzo(a,h)anthracene	17.395	278	976905	45.088	ng	98
92) Benzo(g,h,i)perylene	17.865	276	1008778	41.428	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
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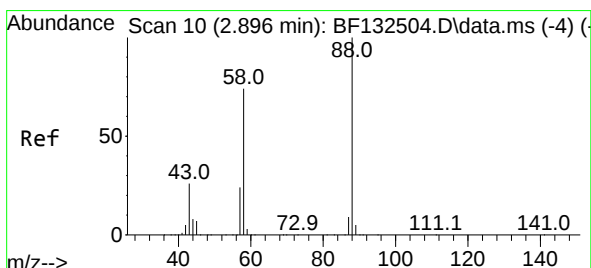
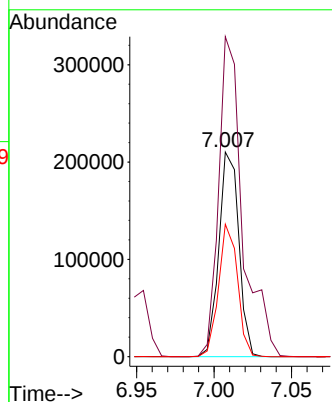
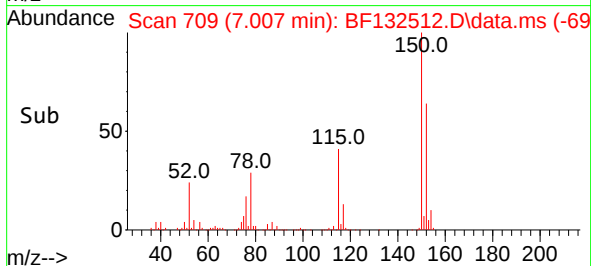
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:152 Resp: 189376
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.2
115 64.7 47.8 71.6

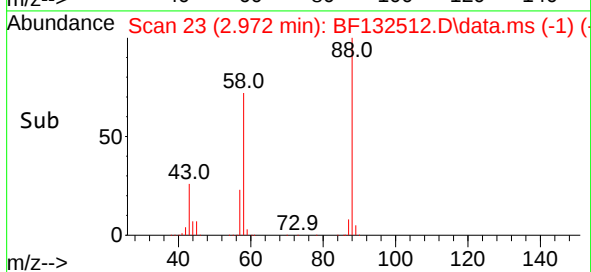
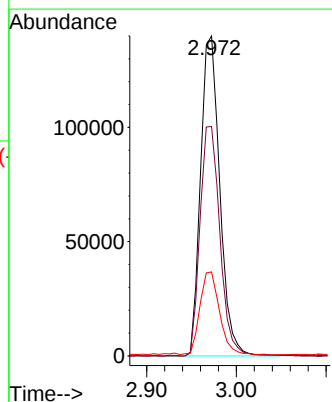
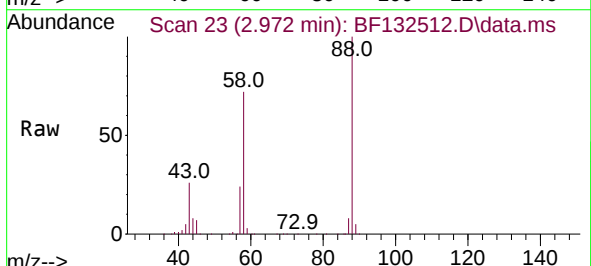
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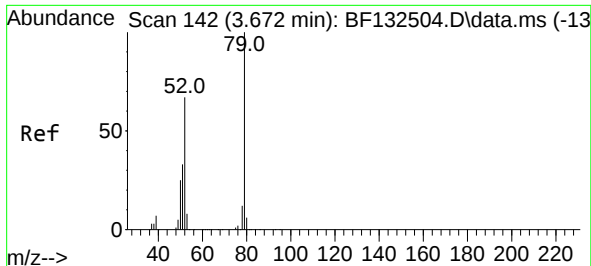
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#2
1,4-Dioxane
Concen: 32.306 ng
RT: 2.972 min Scan# 23
Delta R.T. 0.077 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

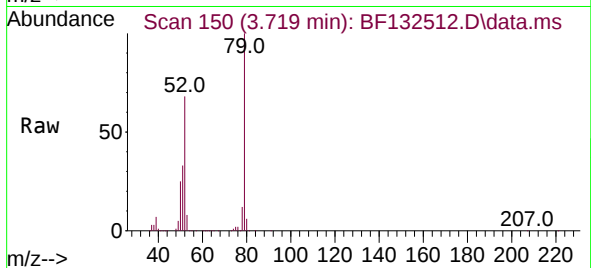
Tgt Ion: 88 Resp: 208522
Ion Ratio Lower Upper
88 100
58 74.2 58.3 87.5
43 26.5 20.7 31.1





#3
Pyridine
Concen: 31.889 ng
RT: 3.719 min Scan# 11
Delta R.T. 0.047 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

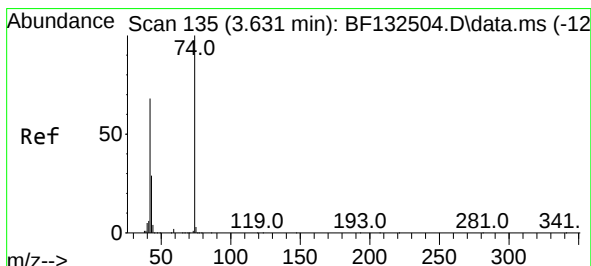
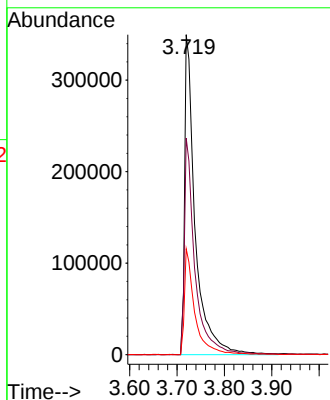
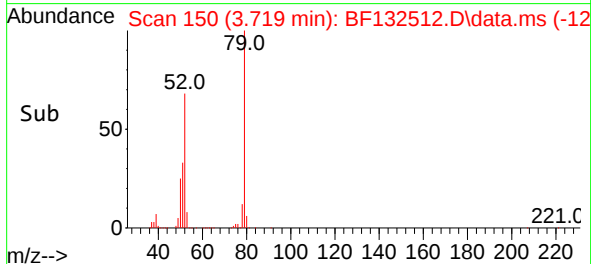
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion: 79 Resp: 54635
Ion Ratio Lower Upper
79 100
52 67.7 53.7 80.5
51 33.1 26.6 40.0

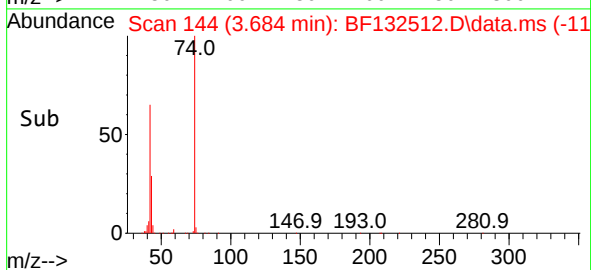
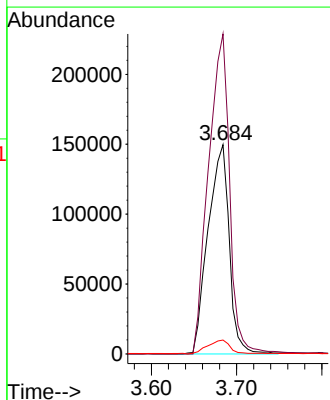
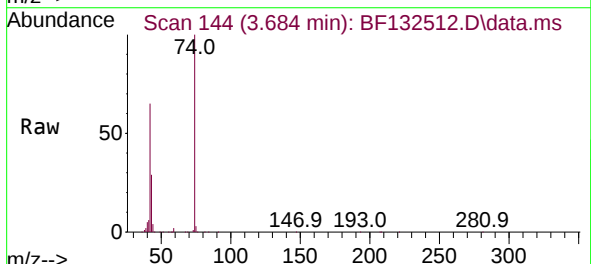
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 39.942 ng
RT: 3.684 min Scan# 144
Delta R.T. 0.053 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

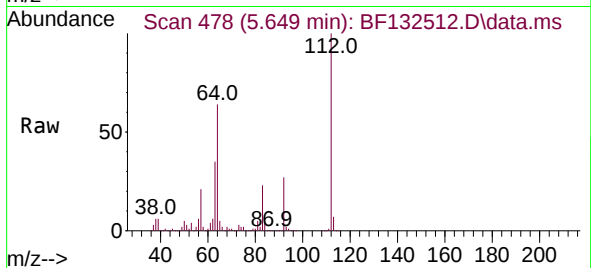
Tgt Ion: 42 Resp: 258484
Ion Ratio Lower Upper
42 100
74 152.9 118.2 177.2
44 6.6 5.3 7.9





#5
2-Fluorophenol
Concen: 116.987 ng
RT: 5.649 min Scan# 41
Delta R.T. 0.012 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

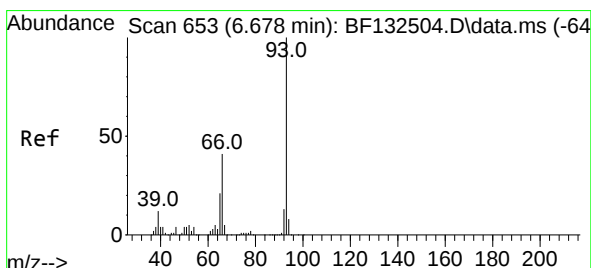
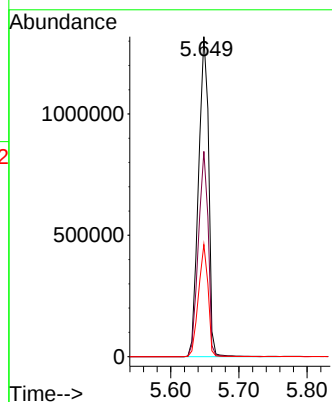
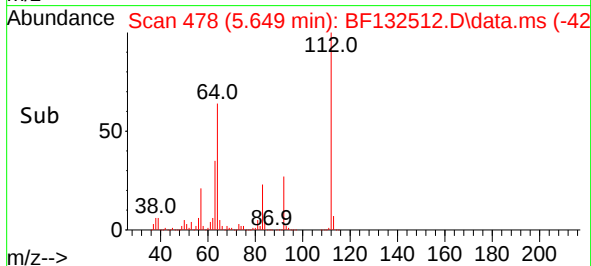
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:112 Resp: 1365058
Ion Ratio Lower Upper
112 100
64 64.1 51.6 77.4
63 35.0 27.4 41.2

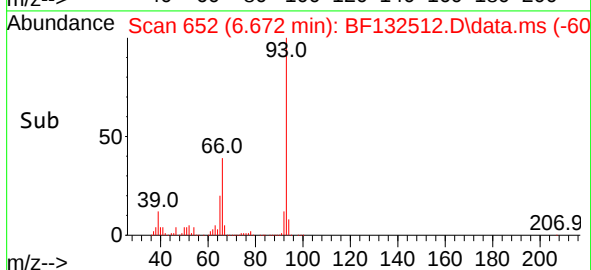
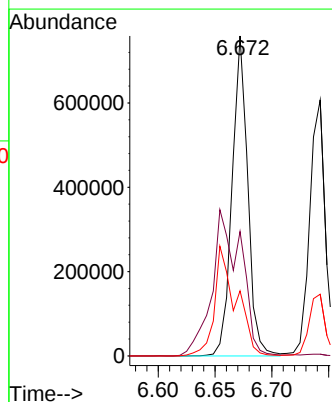
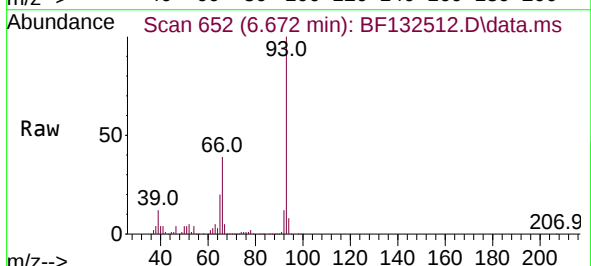
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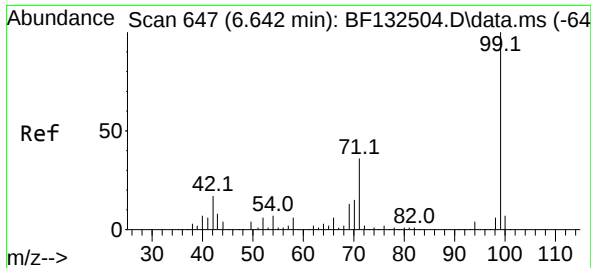
Reviewed By :Christian Giraldo 02/23/2023
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#6
Aniline
Concen: 35.628 ng
RT: 6.672 min Scan# 652
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

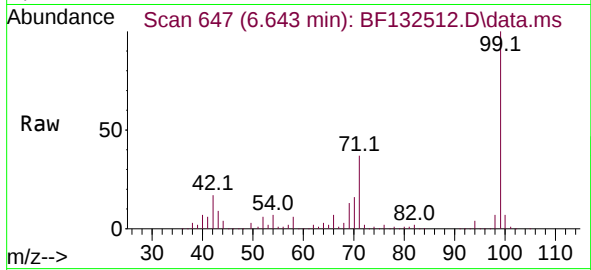
Tgt Ion: 93 Resp: 730152
Ion Ratio Lower Upper
93 100
66 38.9 32.5 48.7
65 20.3 16.6 24.8





#7
Phenol-d6
Concen: 117.347 ng
RT: 6.643 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

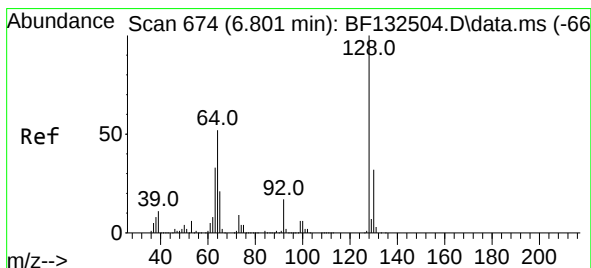
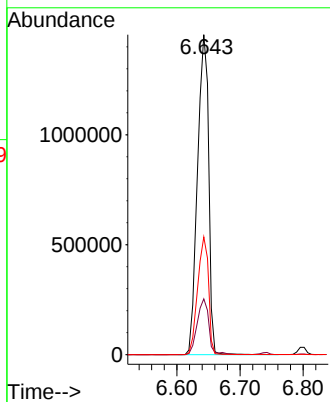
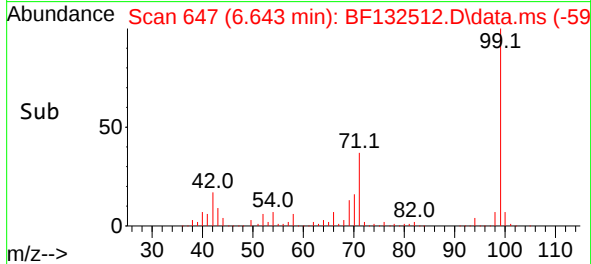
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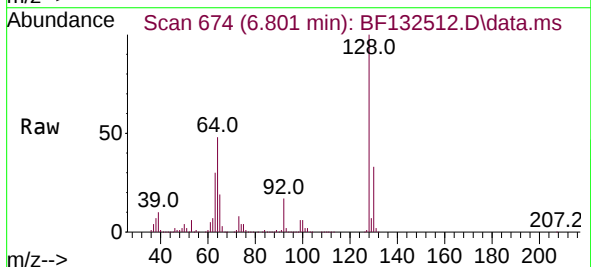
Tgt Ion: 99 Resp: 1787012
Ion Ratio Lower Upper
99 100
42 17.4 13.9 20.9
71 36.8 28.5 42.7

Manual Integrations
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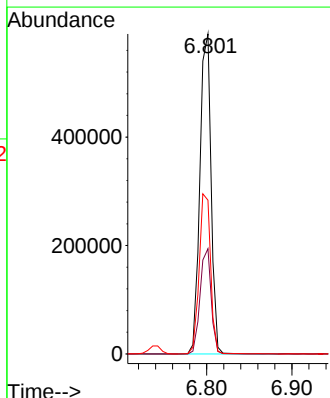
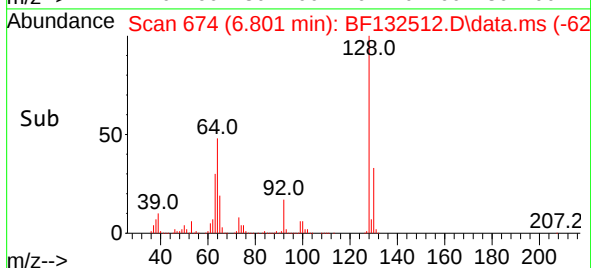
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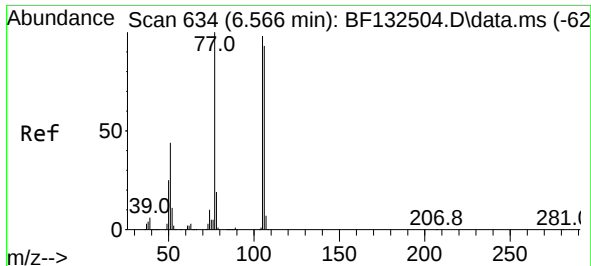


#8
2-Chlorophenol
Concen: 44.396 ng
RT: 6.801 min Scan# 674
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



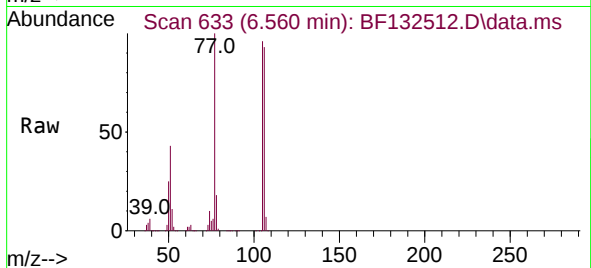
Tgt Ion:128 Resp: 537651
Ion Ratio Lower Upper
128 100
130 32.9 12.1 52.1
64 48.0 32.0 72.0





#9
Benzaldehyde
Concen: 24.141 ng
RT: 6.560 min Scan# 634
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

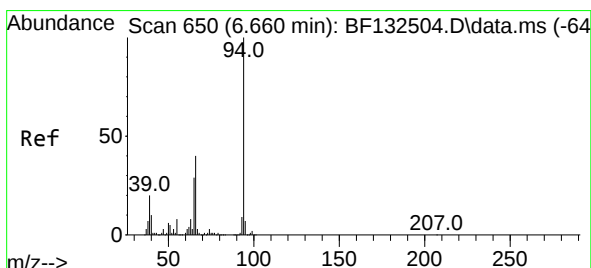
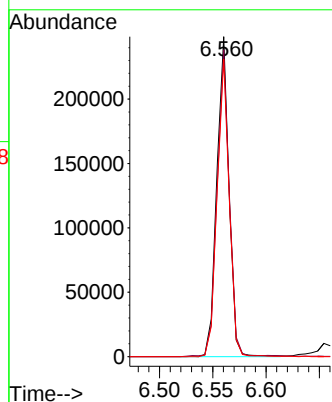
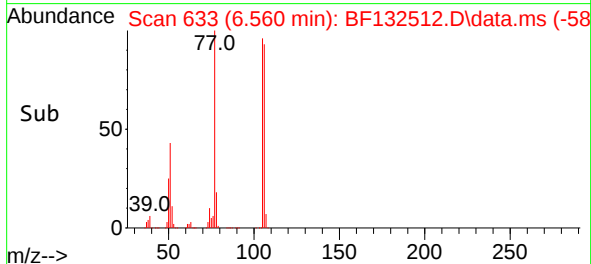
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion: 77 Resp: 19837
Ion Ratio Lower Upper
77 100
105 95.9 77.9 117.9
106 92.9 73.4 113.4

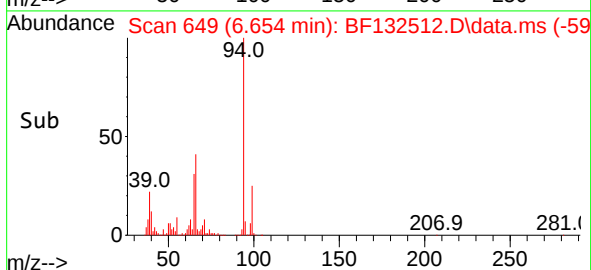
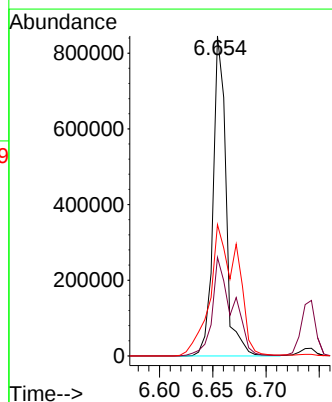
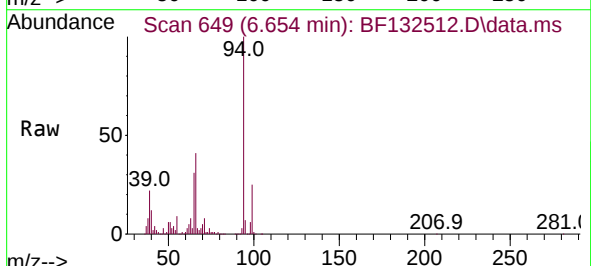
Manual Integrations
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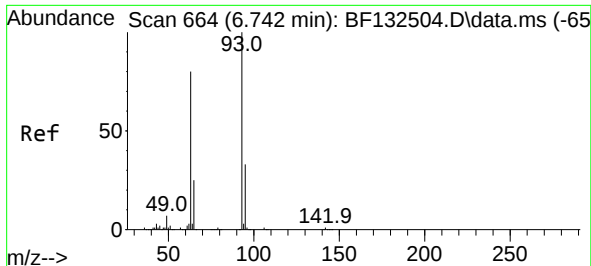
Reviewed By :Christian Giraldo 02/23/2023
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#10
Phenol
Concen: 40.637 ng
RT: 6.654 min Scan# 649
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion: 94 Resp: 709484
Ion Ratio Lower Upper
94 100
65 30.8 9.4 49.4
66 41.0 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 41.661 ng
RT: 6.743 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

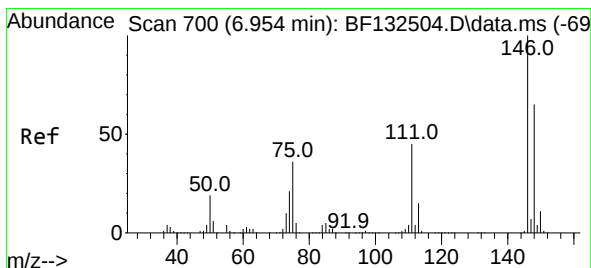
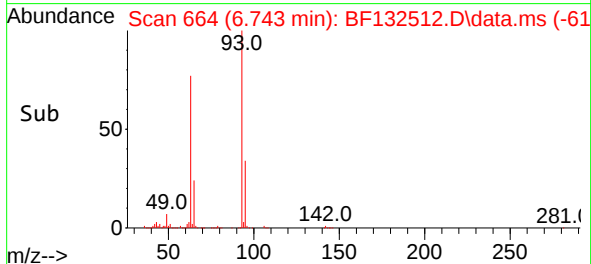
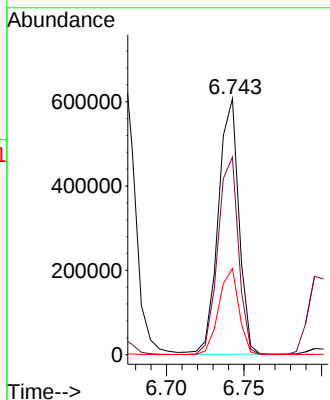
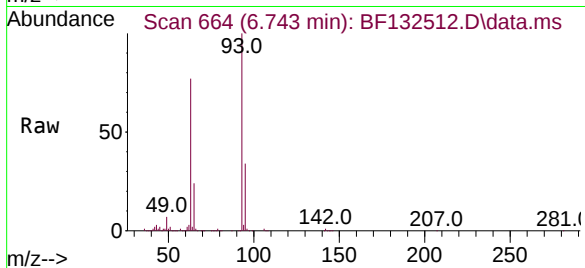
PB151002BS

Tgt Ion: 93 Resp: 561506
Ion Ratio Lower Upper
93 100
63 77.2 59.6 99.6
95 33.6 12.8 52.8

Manual Integrations

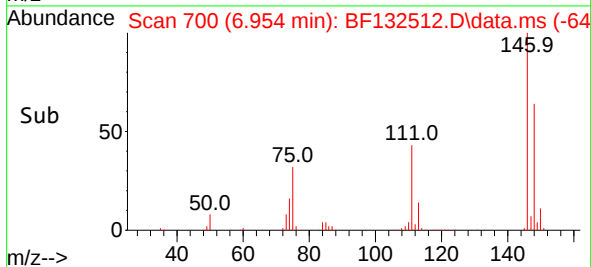
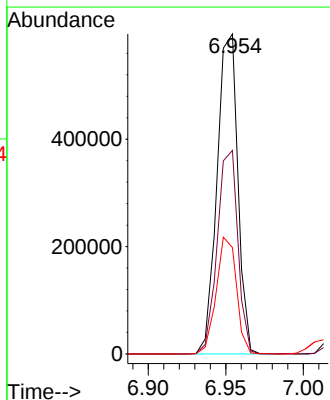
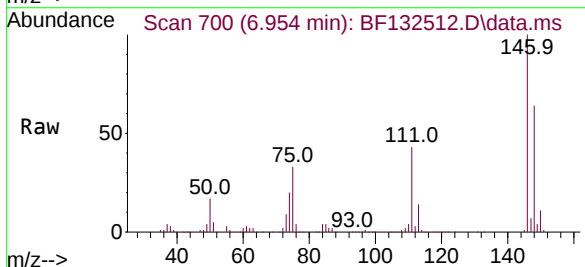
APPROVED

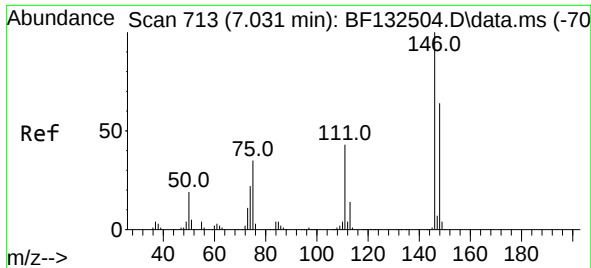
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#12
1,3-Dichlorobenzene
Concen: 42.907 ng
RT: 6.954 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

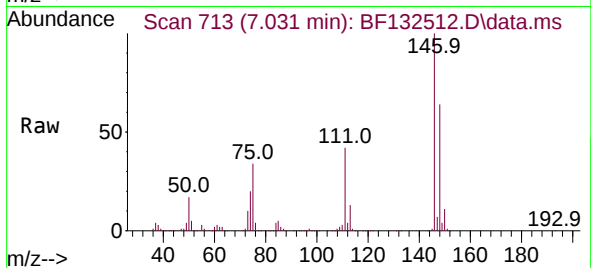
Tgt Ion:146 Resp: 557626
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
75 33.3 28.9 43.3





#13
1,4-Dichlorobenzene
Concen: 42.485 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

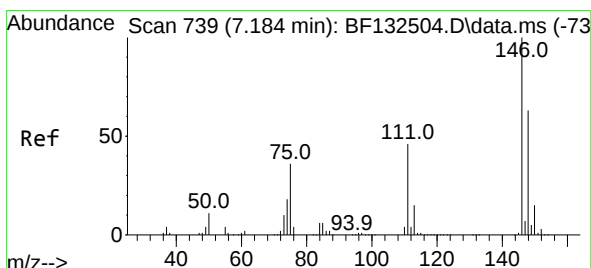
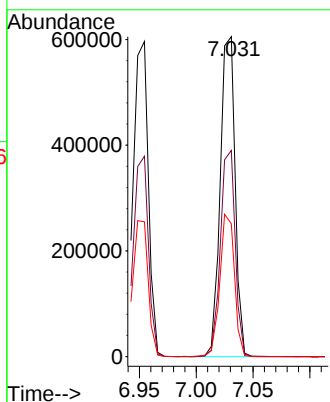
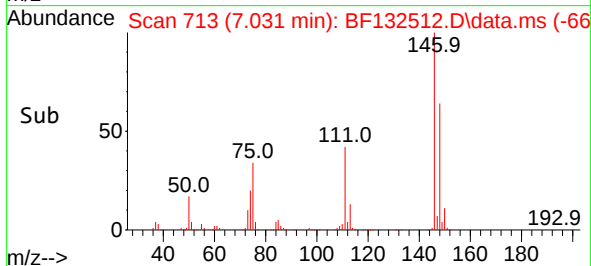
Instrument :
BNA_F
ClientSampleId :
PB151002BS



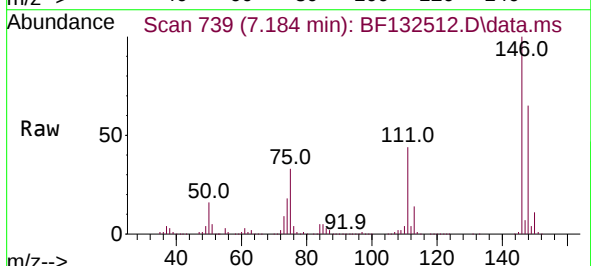
Tgt Ion:146 Resp: 551316
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 41.5 34.8 52.2

Manual Integrations
APPROVED

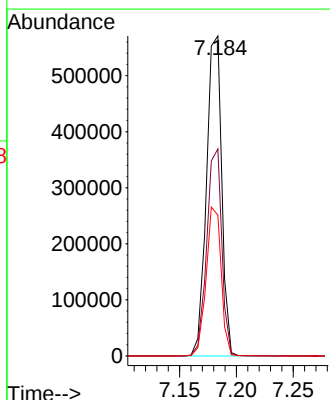
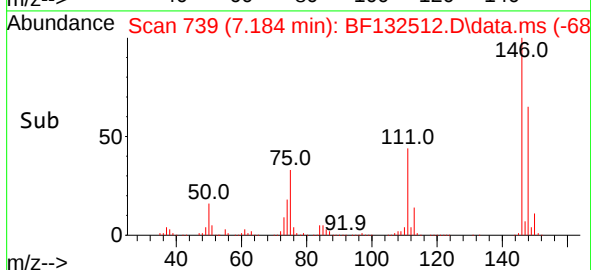
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

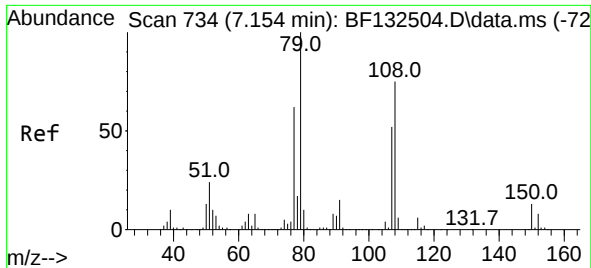


#14
1,2-Dichlorobenzene
Concen: 42.962 ng
RT: 7.184 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



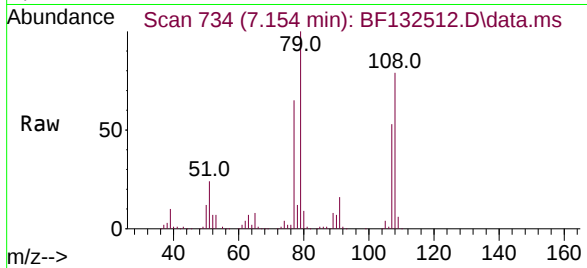
Tgt Ion:146 Resp: 535043
Ion Ratio Lower Upper
146 100
148 64.7 50.6 75.8
111 44.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.165 ng
RT: 7.154 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

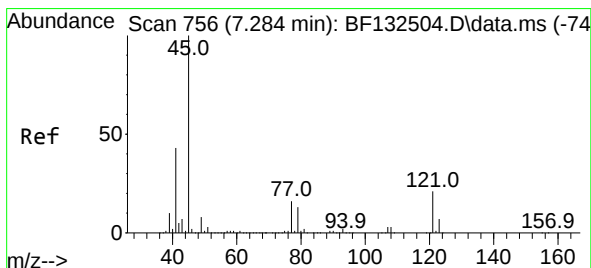
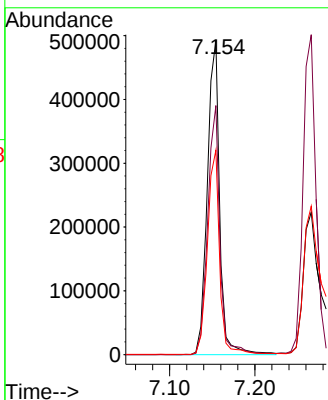
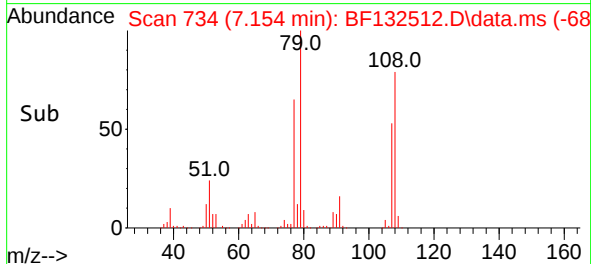
Instrument :
BNA_F
ClientSampleId :
PB151002BS



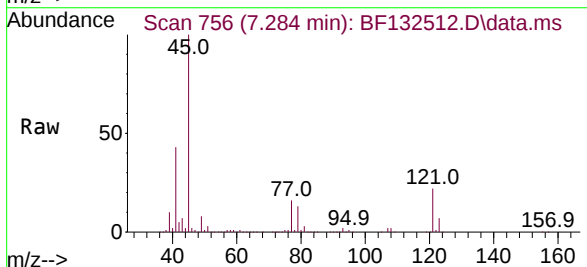
Tgt Ion: 79 Resp: 494516
Ion Ratio Lower Upper
79 100
108 79.2 60.2 90.4
77 65.0 49.9 74.9

Manual Integrations
APPROVED

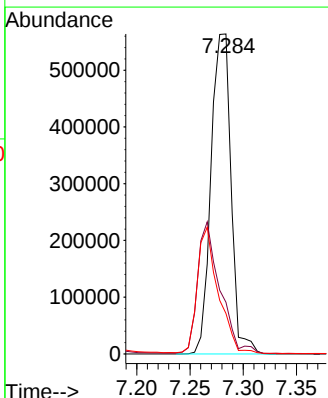
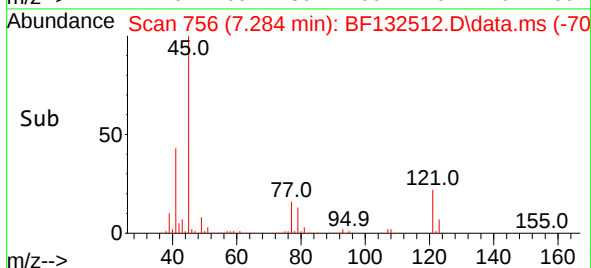
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

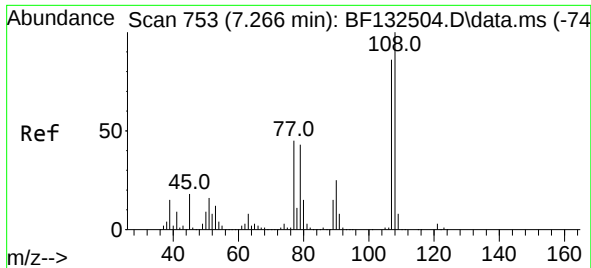


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.986 ng
RT: 7.284 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



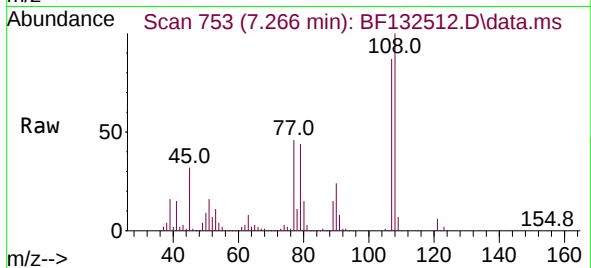
Tgt Ion: 45 Resp: 738806
Ion Ratio Lower Upper
45 100
77 16.1 0.0 36.4
79 12.6 0.0 33.4





#17
2-Methylphenol
Concen: 39.664 ng
RT: 7.266 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

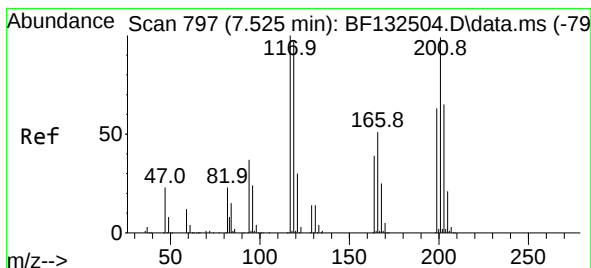
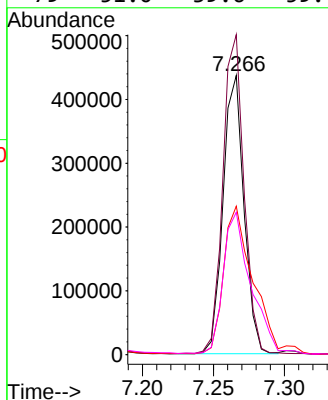
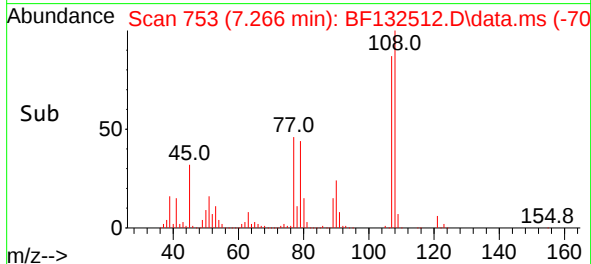
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:	107	Resp:	44829
Ion Ratio	Lower	Upper	
107	100		
108	114.6	93.0	139.4
77	53.2	42.1	63.1
79	51.0	39.6	59.4

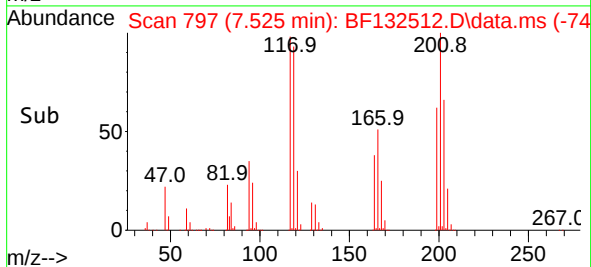
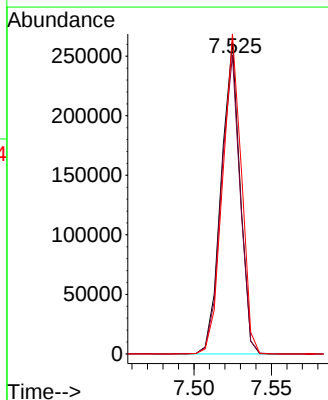
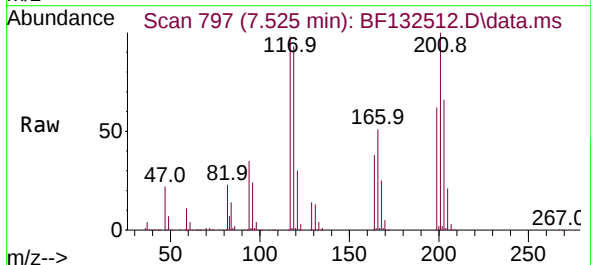
Manual Integrations
APPROVED

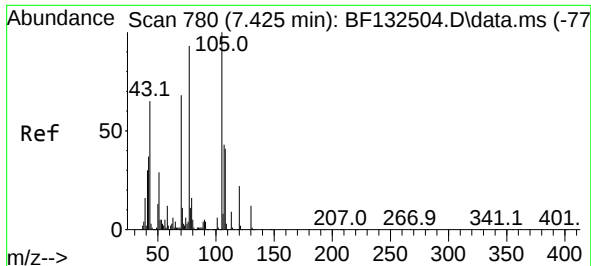
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#18
Hexachloroethane
Concen: 43.500 ng
RT: 7.525 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

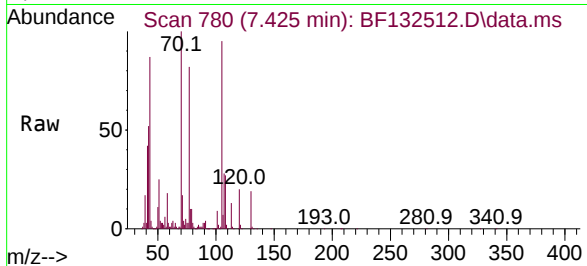
Tgt Ion:	117	Resp:	220533
Ion Ratio	Lower	Upper	
117	100		
119	95.7	78.0	117.0
201	102.5	79.0	118.4





#19
n-Nitroso-di-n-propylamine
Concen: 39.803 ng
RT: 7.425 min Scan# 780
Delta R.T. -0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

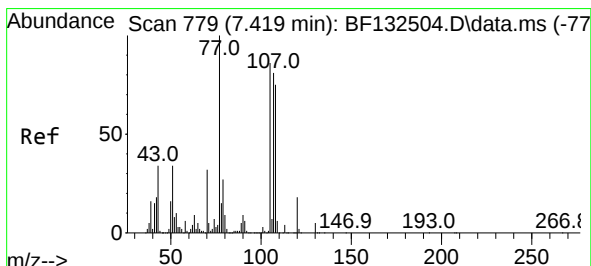
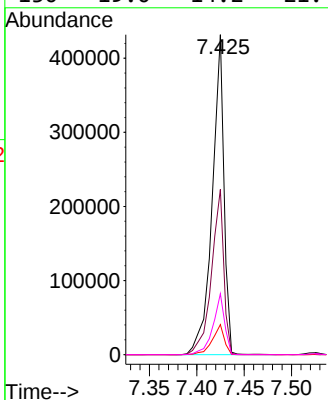
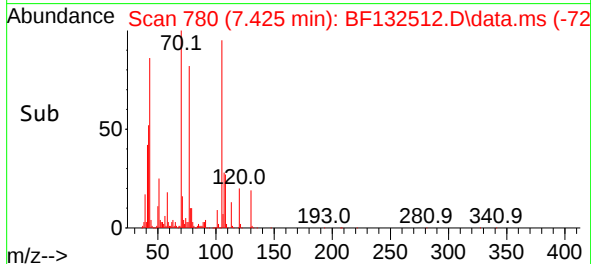
Instrument :
BNA_F
ClientSampleId :
PB151002BS



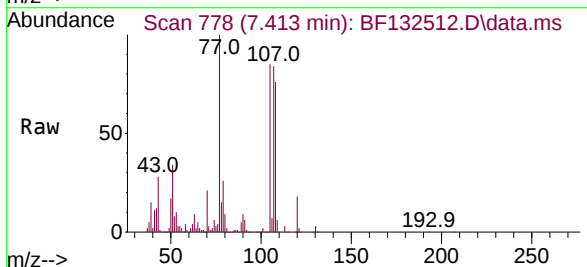
Tgt Ion: 70 Resp: 373035
Ion Ratio Lower Upper
70 100
42 51.6 44.1 66.1
101 9.4 7.4 11.2
130 19.0 14.2 21.4

Manual Integrations
APPROVED

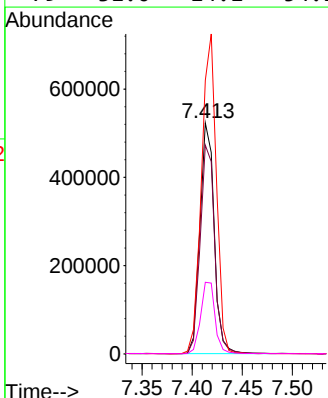
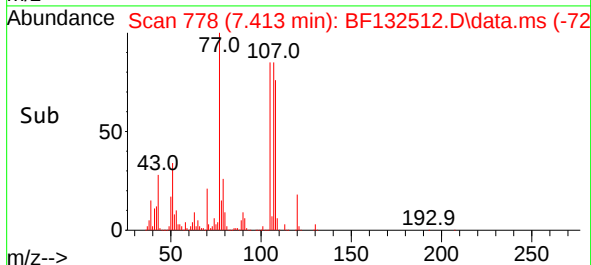
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

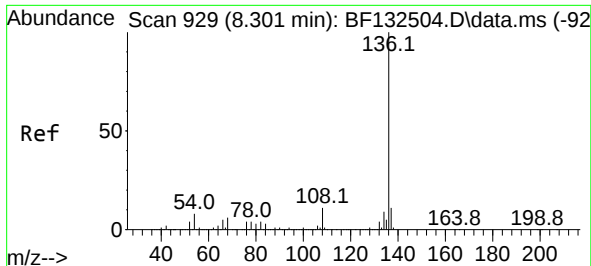


#20
3+4-Methylphenols
Concen: 35.243 ng
RT: 7.413 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



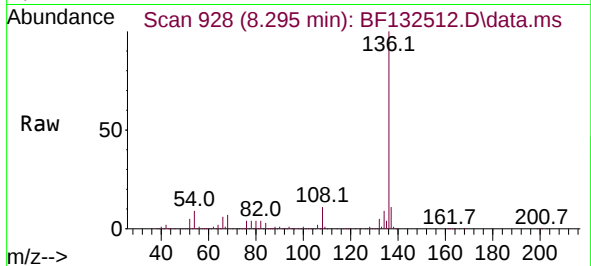
Tgt Ion:107 Resp: 514622
Ion Ratio Lower Upper
107 100
108 90.4 72.6 112.6
77 118.4 104.0 144.0
79 31.0 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

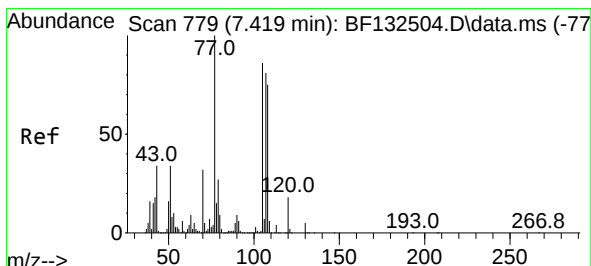
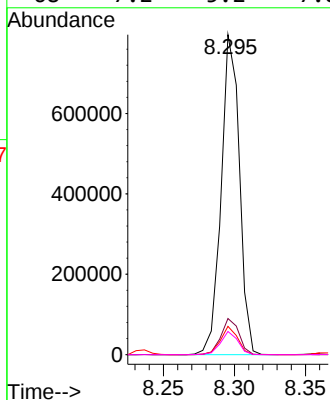
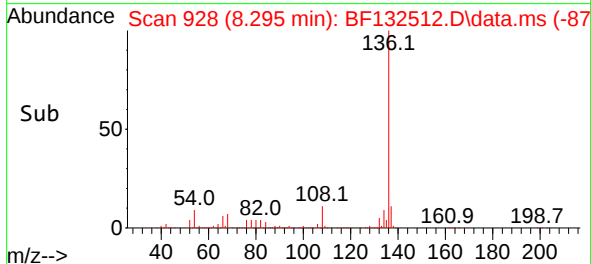
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:136 Resp: 713954
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.8 6.2 9.4
68 7.2 5.2 7.8

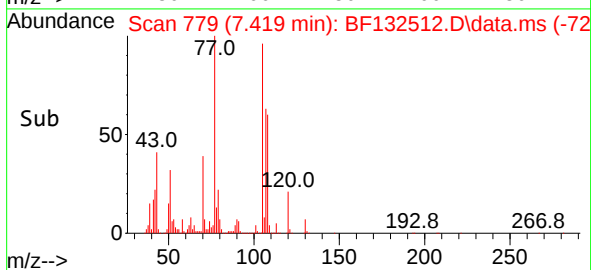
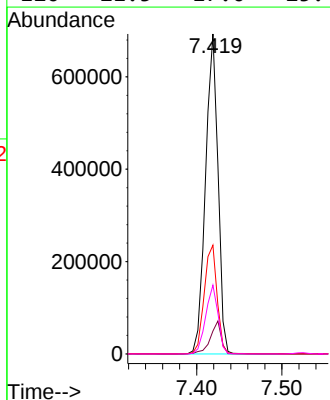
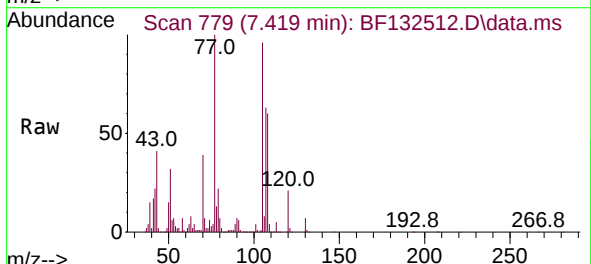
Manual Integrations
APPROVED

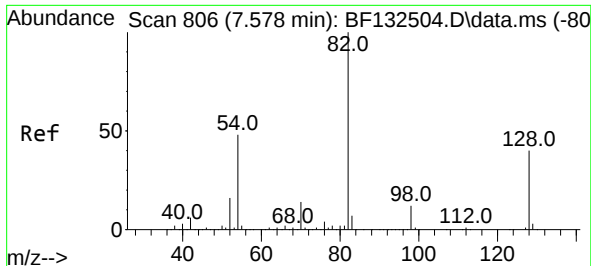
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#22
Acetophenone
Concen: 39.099 ng
RT: 7.419 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion:105 Resp: 703891
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 34.0 31.5 47.3
120 21.5 17.0 25.4





#23

Nitrobenzene-d5

Concen: 79.503 ng

RT: 7.578 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF132512.D

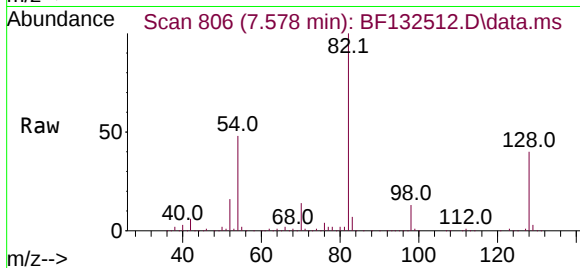
Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

PB151002BS



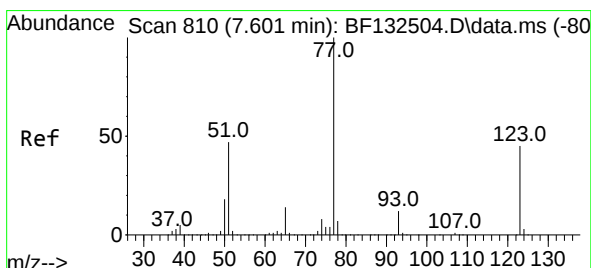
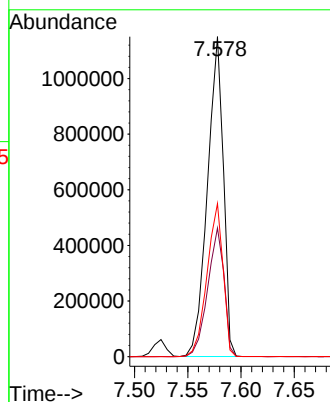
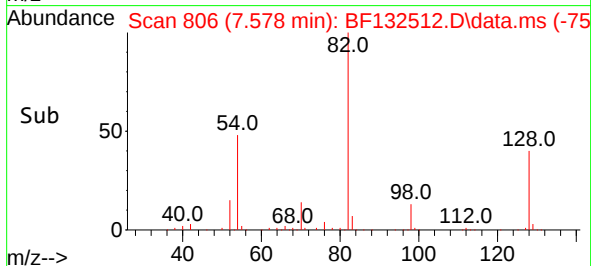
Tgt Ion: 82 Resp: 1196375

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.2	48.2
54	47.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#24

Nitrobenzene

Concen: 39.400 ng

RT: 7.595 min Scan# 809

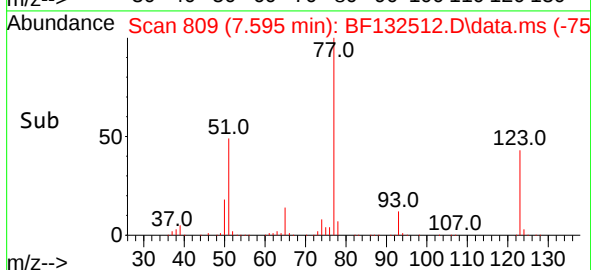
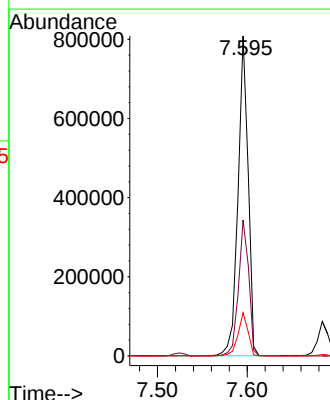
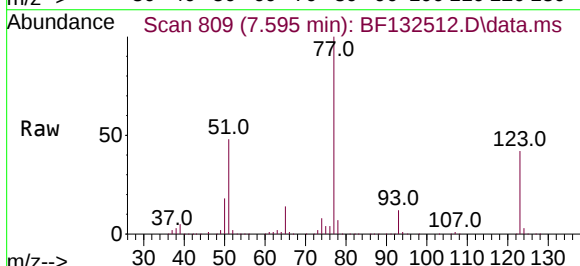
Delta R.T. -0.006 min

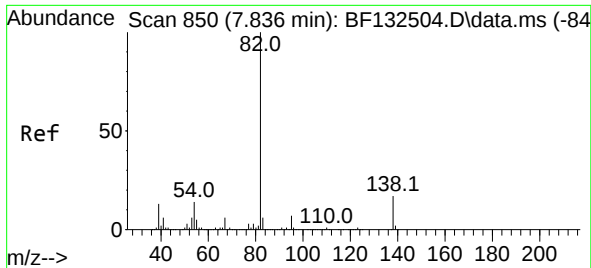
Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

Tgt Ion: 77 Resp: 634105

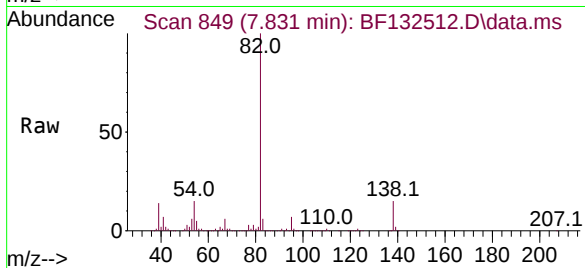
Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.8	53.6
65	13.6	10.9	16.3





#25
Isophorone
Concen: 38.097 ng
RT: 7.831 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

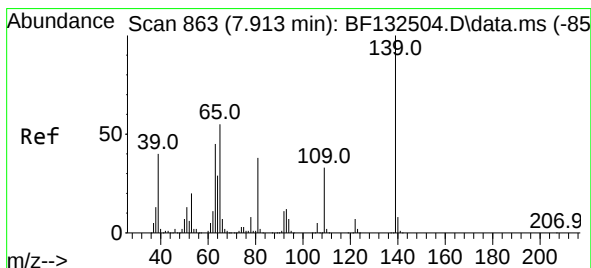
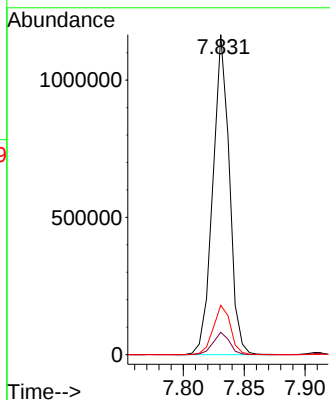
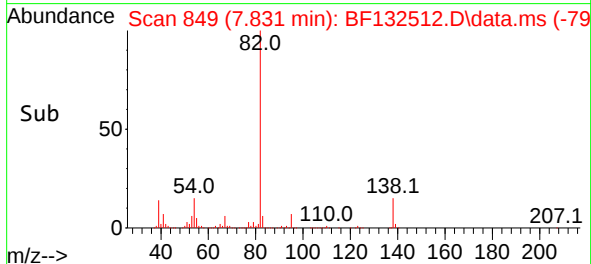
Instrument :
BNA_F
ClientSampleId :
PB151002BS



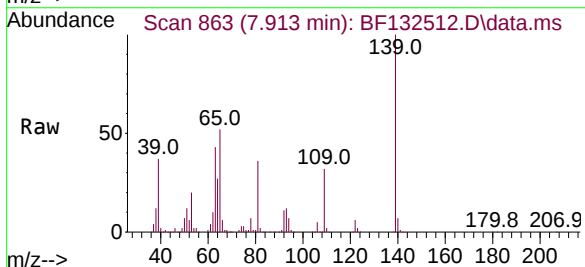
Tgt Ion: 82 Resp: 109914
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 15.4 13.3 19.9

Manual Integrations
APPROVED

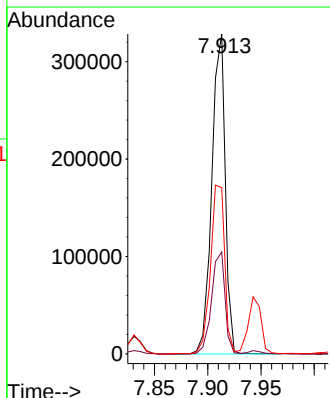
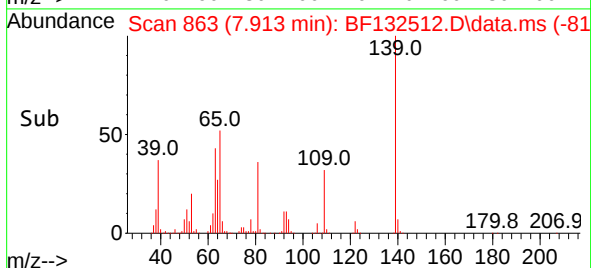
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

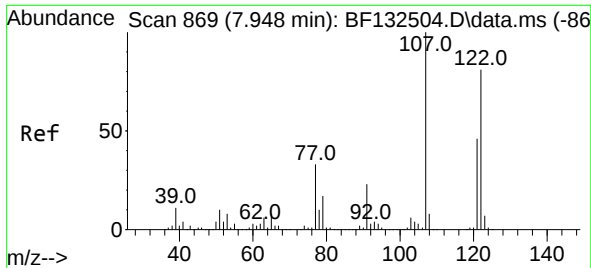


#26
2-Nitrophenol
Concen: 40.629 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



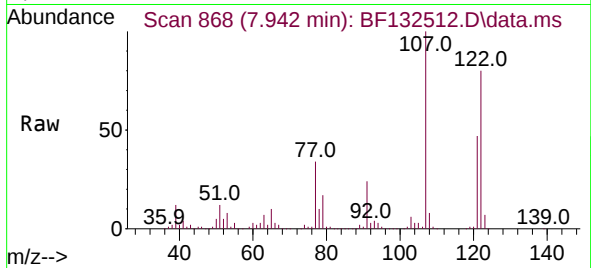
Tgt Ion:139 Resp: 288504
Ion Ratio Lower Upper
139 100
109 31.8 26.2 39.2
65 52.0 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 41.714 ng m
RT: 7.942 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

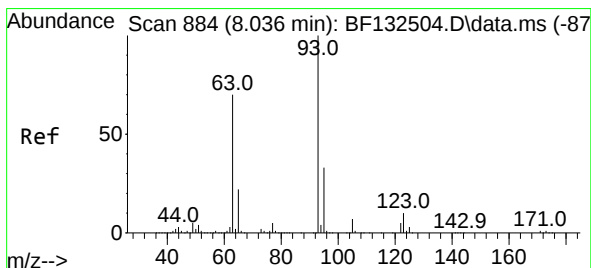
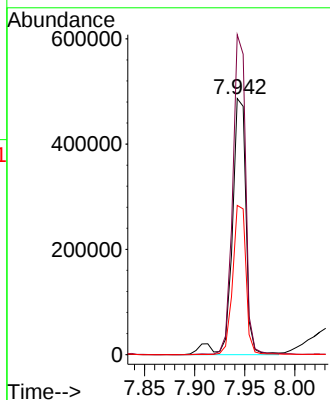
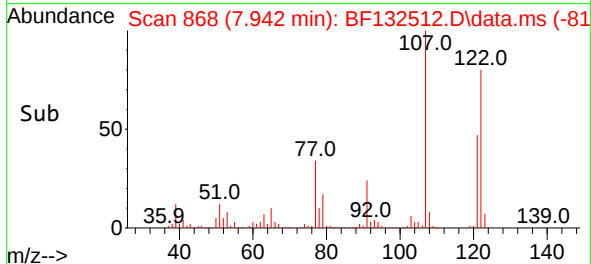
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:122 Resp: 467502
Ion Ratio Lower Upper
122 100
107 125.0 98.7 148.1
121 58.3 45.8 68.6

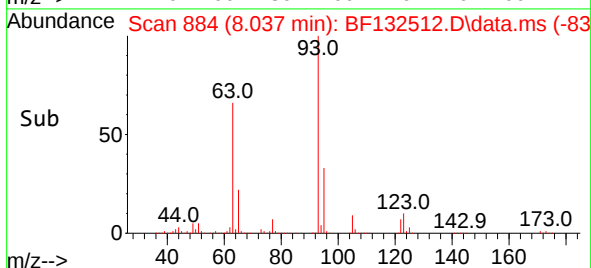
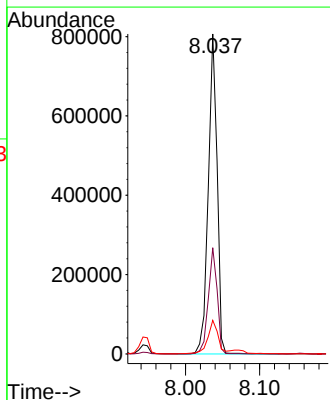
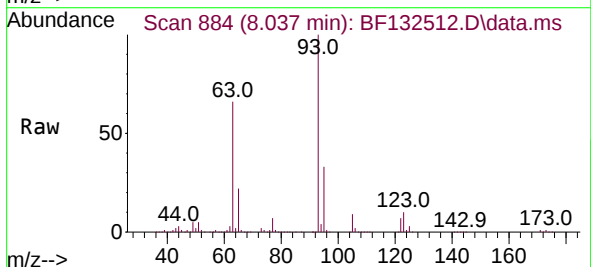
Manual Integrations
APPROVED

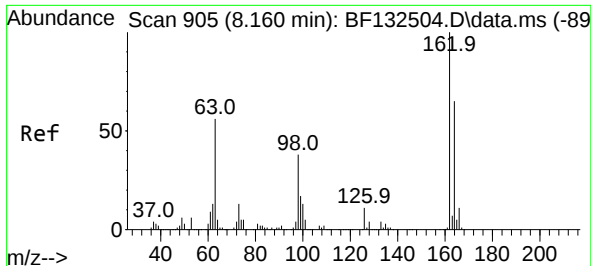
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#28
bis(2-Chloroethoxy)methane
Concen: 39.414 ng
RT: 8.037 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion: 93 Resp: 665204
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 10.5 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.330 ng

RT: 8.154 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

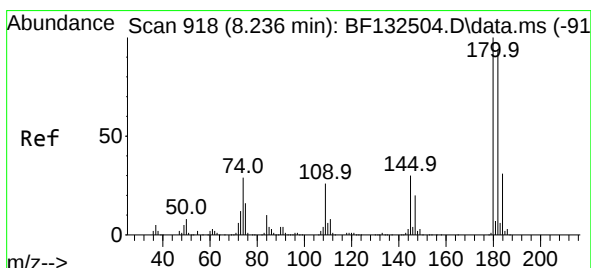
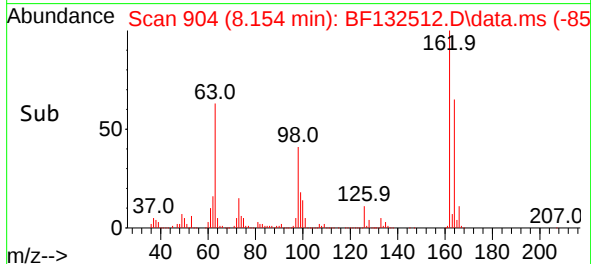
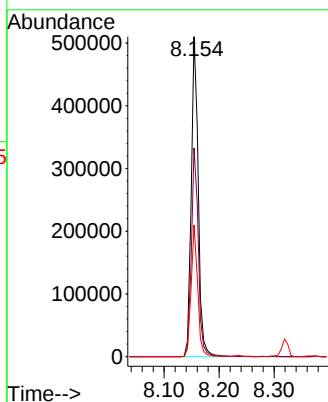
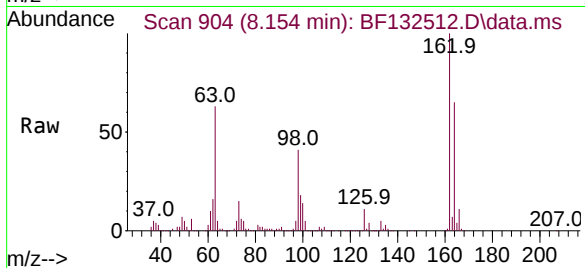
PB151002BS

Tgt Ion:162 Resp: 449621
 Ion Ratio Lower Upper
 162 100
 164 65.2 45.3 85.3
 98 41.1 17.9 57.9

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.512 ng

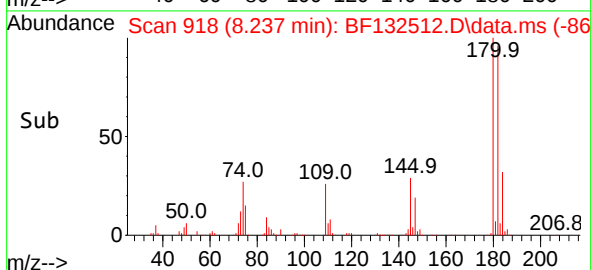
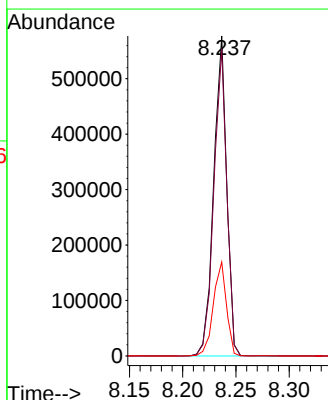
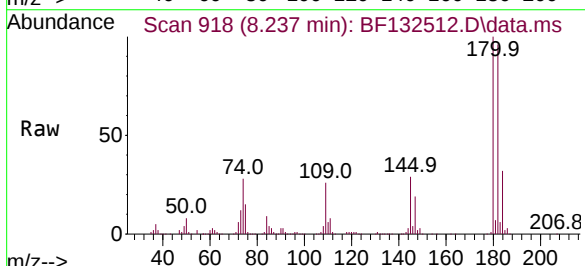
RT: 8.237 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

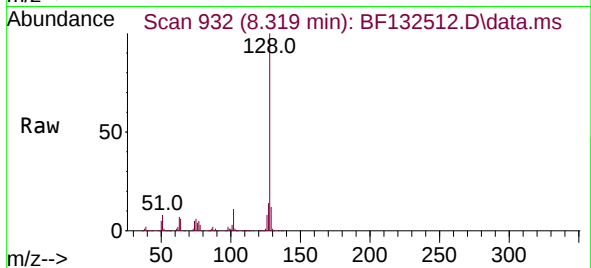
Tgt Ion:180 Resp: 490426
 Ion Ratio Lower Upper
 180 100
 182 95.8 75.1 112.7
 145 29.3 23.8 35.6





#31
Naphthalene
Concen: 39.197 ng
RT: 8.319 min Scan# 931
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

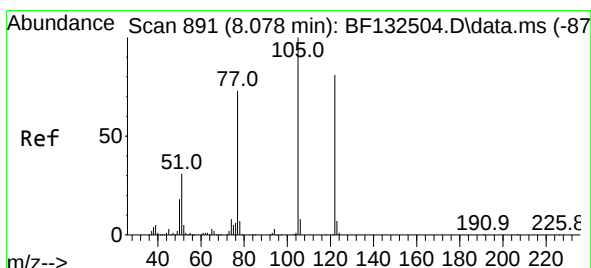
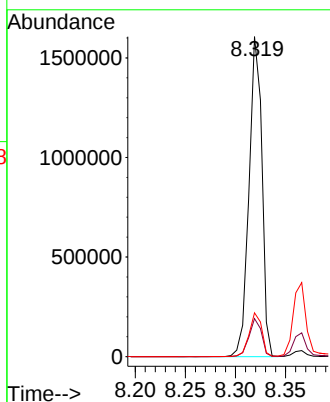
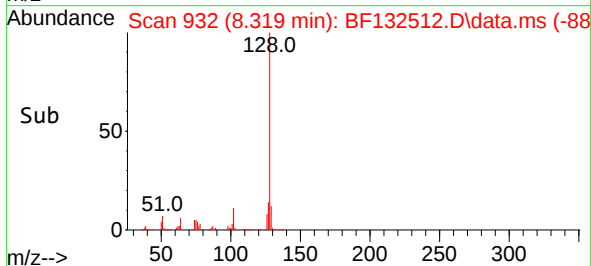
Instrument :
BNA_F
ClientSampleId :
PB151002BS



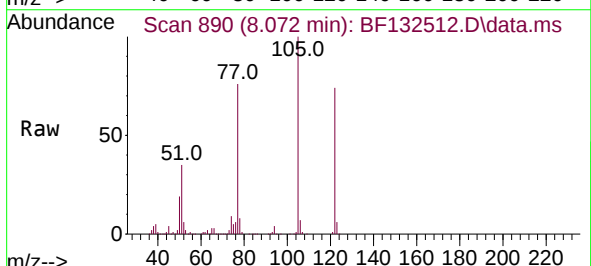
Tgt Ion:128 Resp: 143265
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.7 11.0 16.6

Manual Integrations
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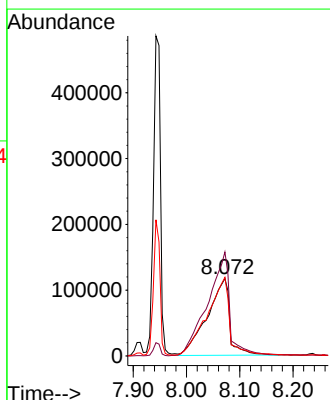
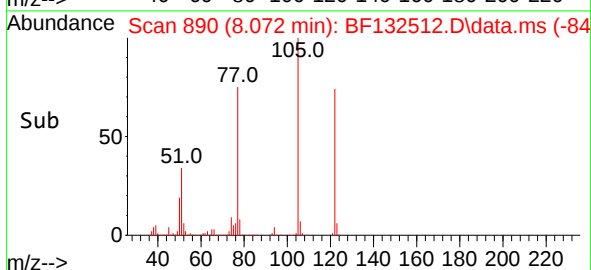
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

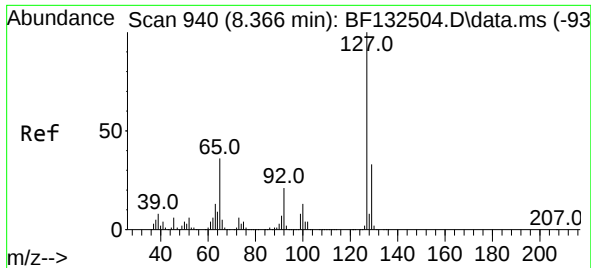


#32
Benzoic acid
Concen: 39.744 ng
RT: 8.072 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



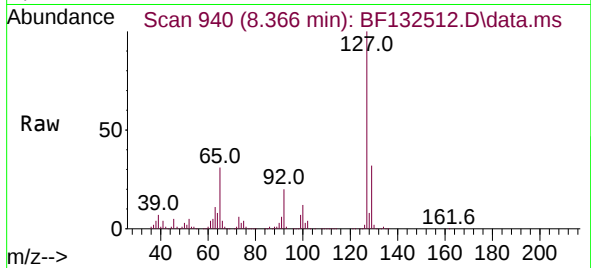
Tgt Ion:122 Resp: 344668
Ion Ratio Lower Upper
122 100
105 134.4 102.6 142.6
77 101.6 70.2 110.2





#33
4-Chloroaniline
Concen: 22.907 ng
RT: 8.366 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

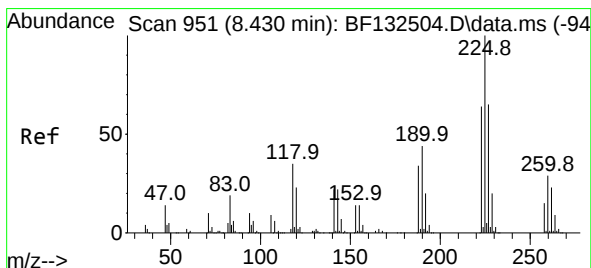
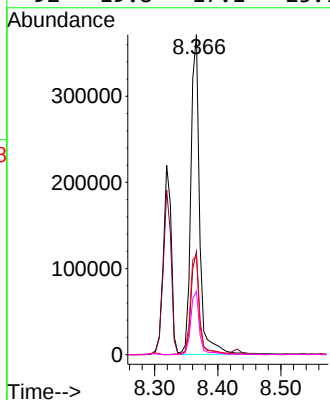
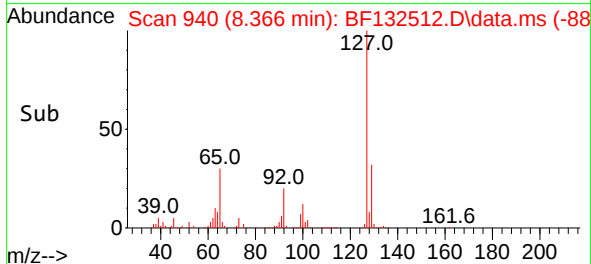
Instrument :
BNA_F
ClientSampleId :
PB151002BS



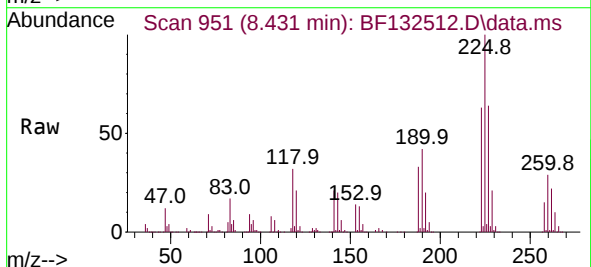
Tgt Ion:127 Resp: 358781
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 30.9 28.8 43.2
92 19.8 17.1 25.7

Manual Integrations
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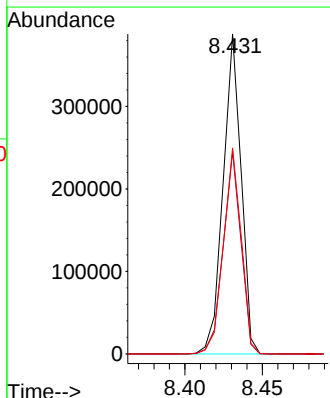
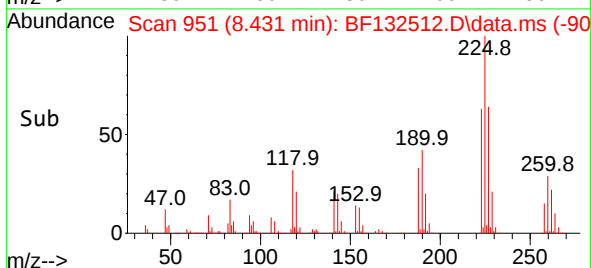
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

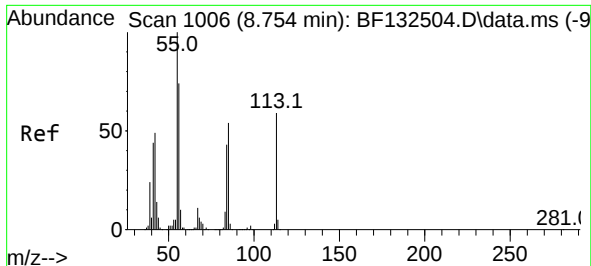


#34
Hexachlorobutadiene
Concen: 40.682 ng
RT: 8.431 min Scan# 951
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



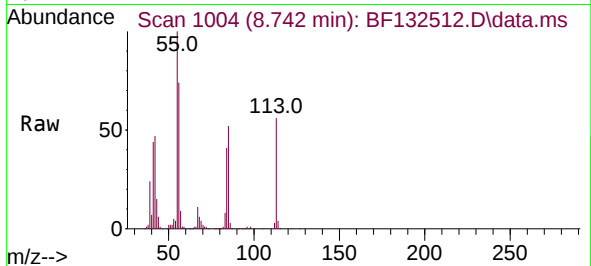
Tgt Ion:225 Resp: 312947
Ion Ratio Lower Upper
225 100
223 63.2 51.0 76.4
227 64.4 51.7 77.5





#35
Caprolactam
Concen: 42.291 ng m
RT: 8.742 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

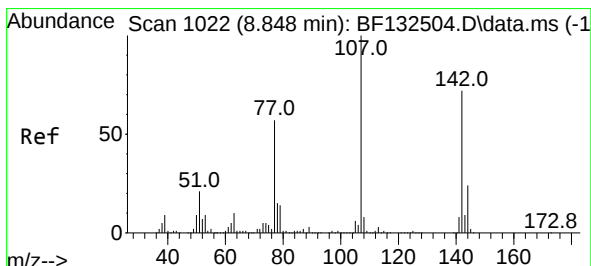
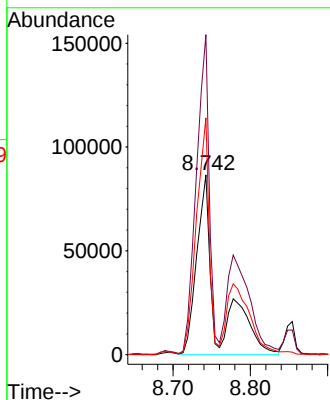
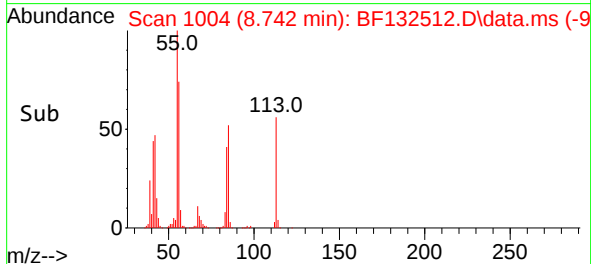
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:113 Resp: 155436
Ion Ratio Lower Upper
113 100
55 178.1 149.4 189.4
56 131.7 105.0 145.0

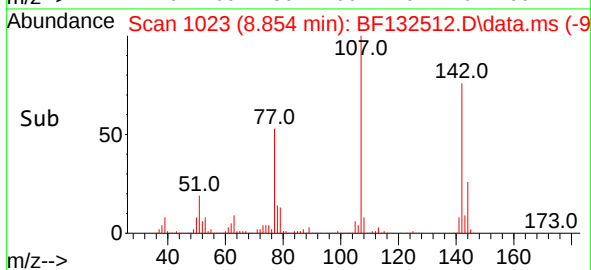
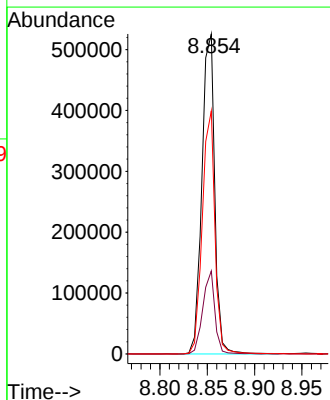
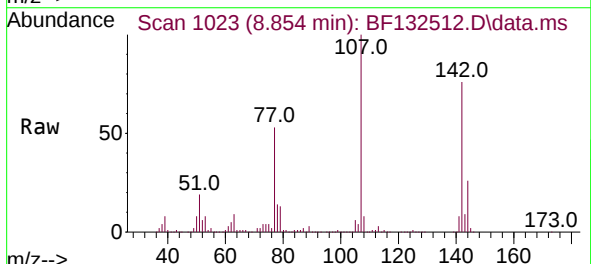
Manual Integrations
APPROVED

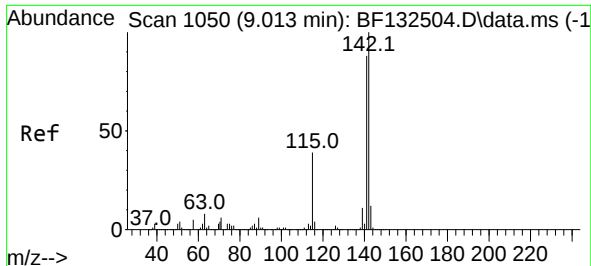
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#36
4-Chloro-3-methylphenol
Concen: 40.438 ng
RT: 8.854 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion:107 Resp: 495099
Ion Ratio Lower Upper
107 100
144 25.9 18.9 28.3
142 75.9 57.9 86.9





#37

2-Methylnaphthalene

Concen: 38.139 ng

RT: 9.013 min Scan# 1050

Delta R.T. 0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

PB151002BS

Tgt Ion:142 Resp: 949972

Ion Ratio Lower Upper

142 100

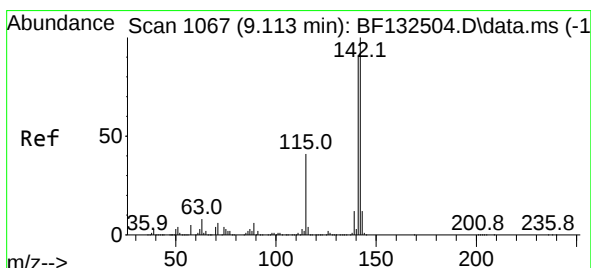
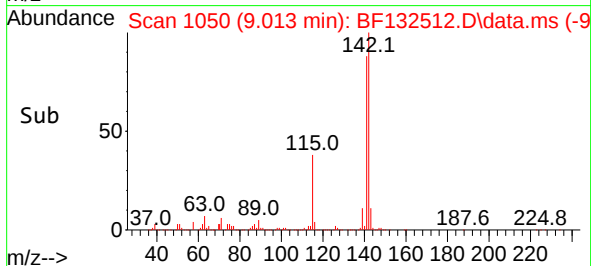
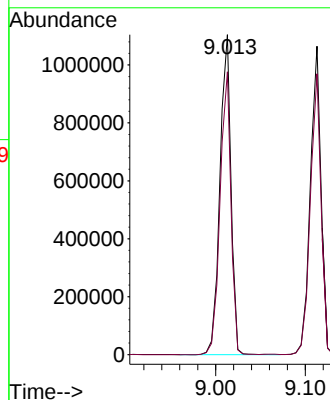
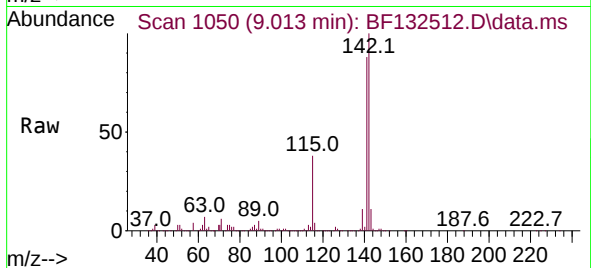
141 88.4 70.2 105.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#38

1-Methylnaphthalene

Concen: 37.931 ng

RT: 9.113 min Scan# 1067

Delta R.T. 0.000 min

Lab File: BF132512.D

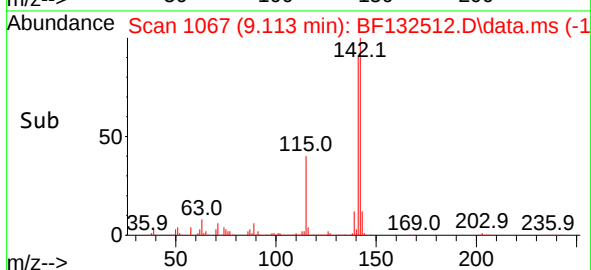
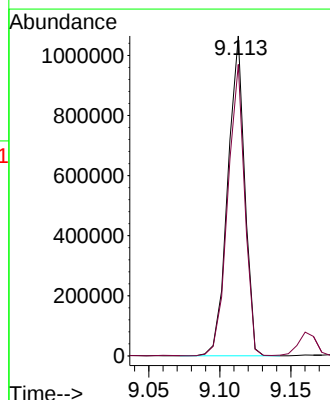
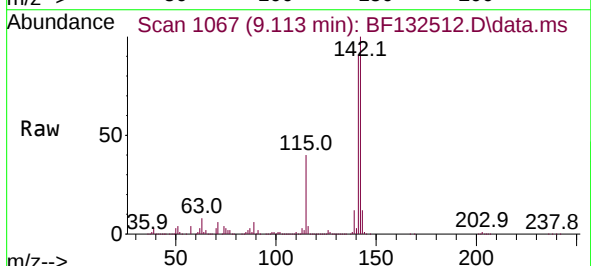
Acq: 22 Feb 2023 18:40

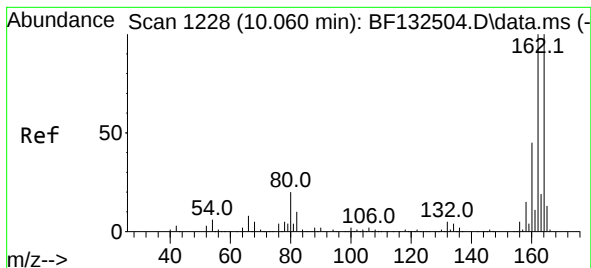
Tgt Ion:142 Resp: 882953

Ion Ratio Lower Upper

142 100

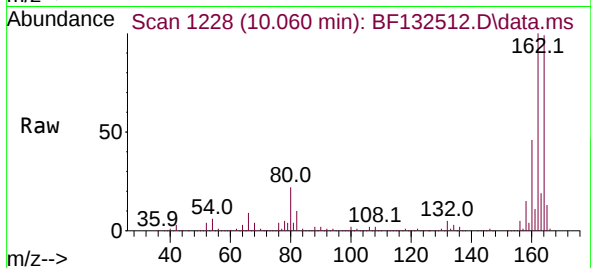
141 91.1 73.0 109.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.060 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

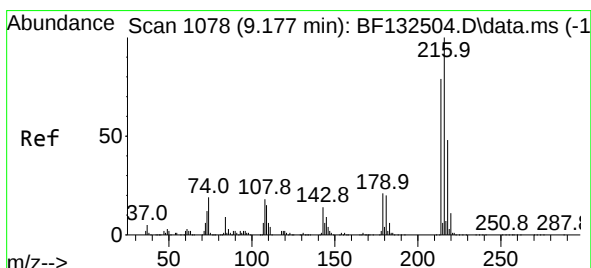
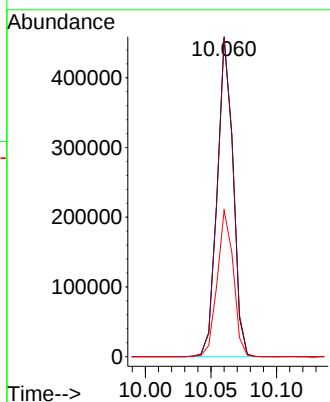
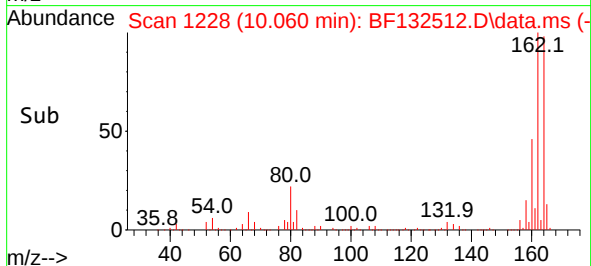
Instrument :
BNA_F
ClientSampleId :
PB151002BS



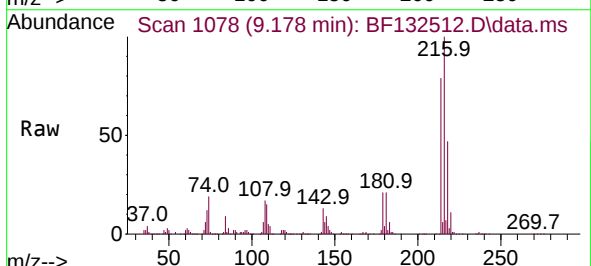
Tgt Ion:164 Resp: 383723
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 46.0 35.8 53.6

Manual Integrations
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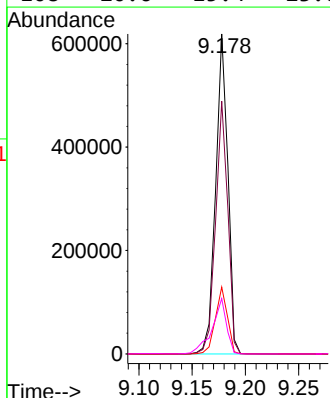
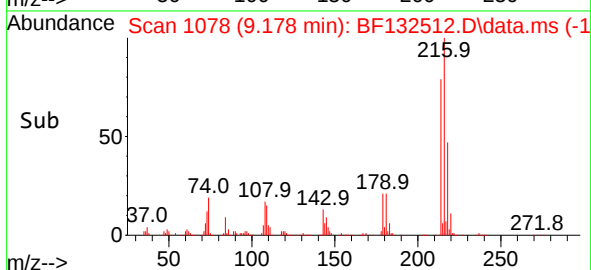
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

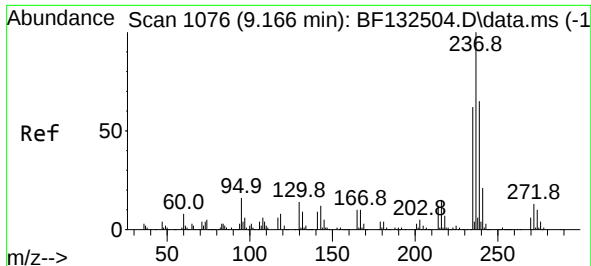


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.188 ng
RT: 9.178 min Scan# 1078
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



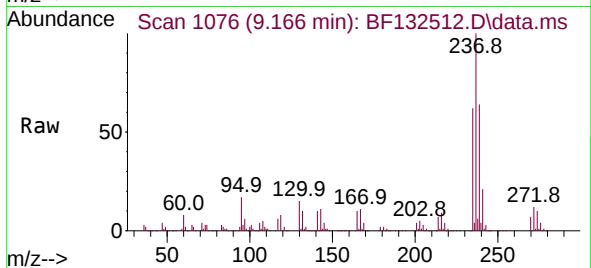
Tgt Ion:216 Resp: 491984
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.6
179 20.6 16.6 24.8
108 20.6 15.4 23.0





#41
Hexachlorocyclopentadiene
Concen: 88.461 ng
RT: 9.166 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

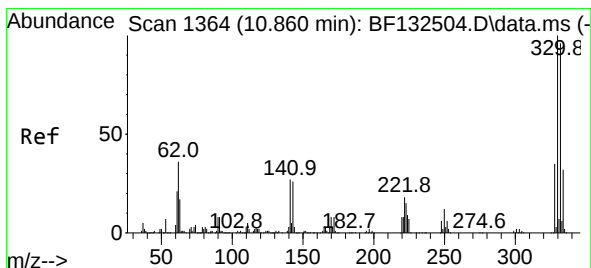
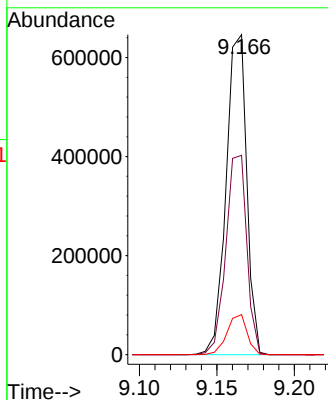
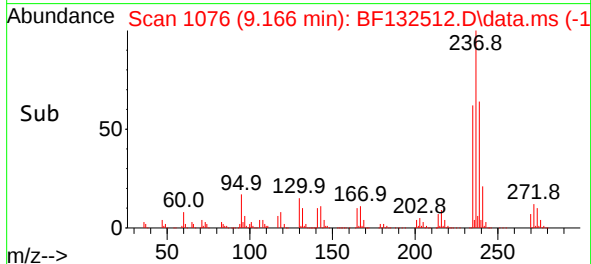
Instrument :
BNA_F
ClientSampleId :
PB151002BS



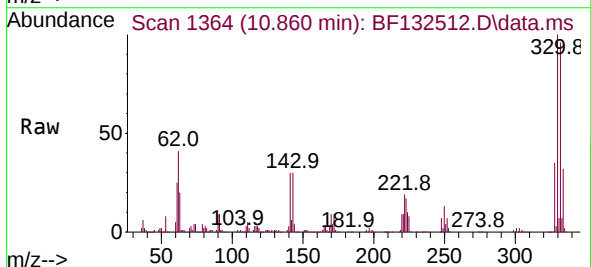
Tgt Ion: 237 Resp: 60237
Ion Ratio Lower Upper
237 100
235 62.3 42.4 82.4
272 12.5 0.0 32.7

Manual Integrations
APPROVED

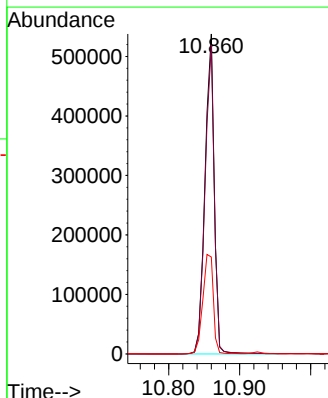
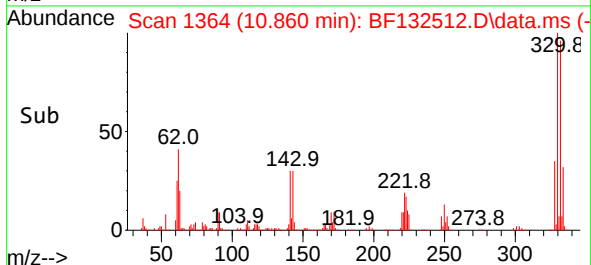
Reviewed By : Christian Giraldo 02/23/2023
Supervised By : Jagrut Upadhyay 02/23/2023

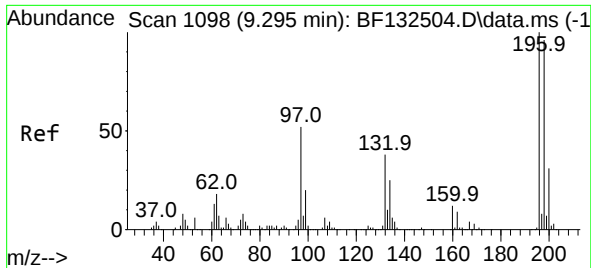


#42
2,4,6-Tribromophenol
Concen: 116.489 ng
RT: 10.860 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



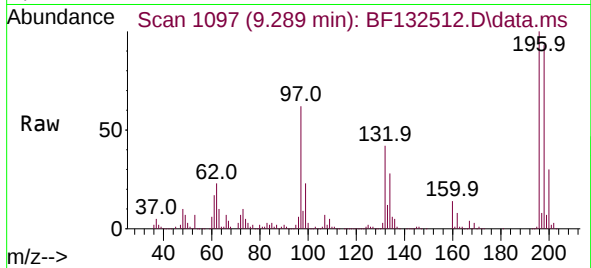
Tgt Ion: 330 Resp: 482736
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 35.2 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 39.700 ng
RT: 9.289 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

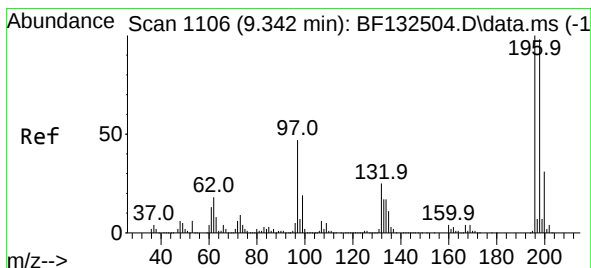
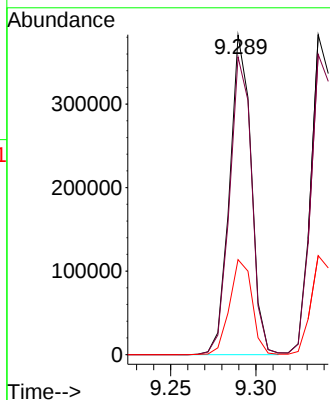
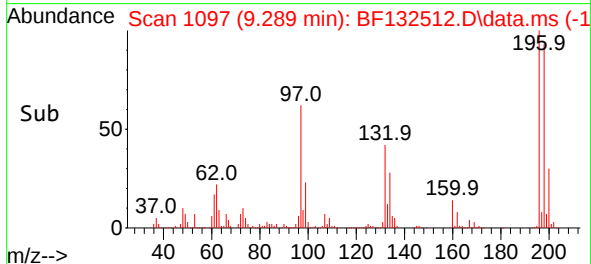
Instrument :
BNA_F
ClientSampleId :
PB151002BS



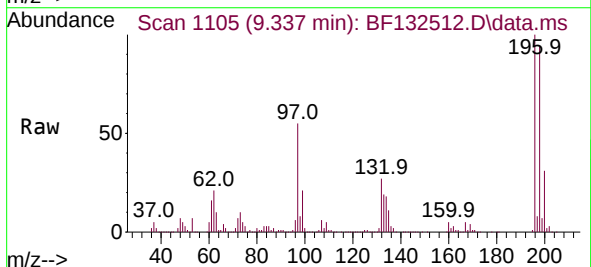
Tgt Ion:196 Resp: 33777
Ion Ratio Lower Upper
196 100
198 93.2 77.1 115.7
200 29.7 25.0 37.4

Manual Integrations
APPROVED

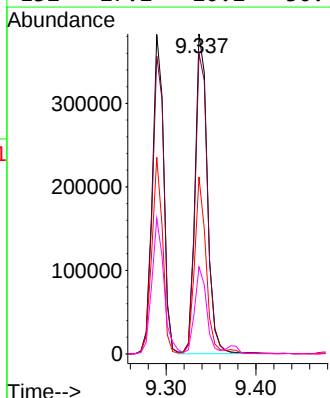
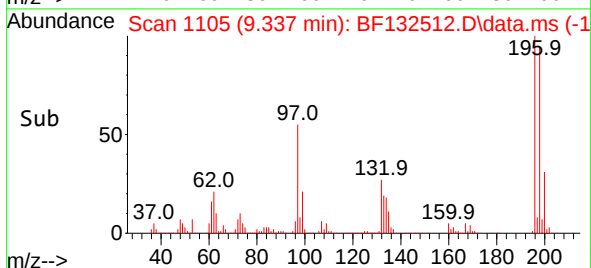
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

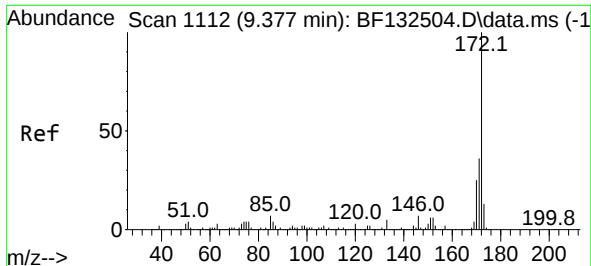


#44
2,4,5-Trichlorophenol
Concen: 36.833 ng
RT: 9.337 min Scan# 1105
Delta R.T. -0.005 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



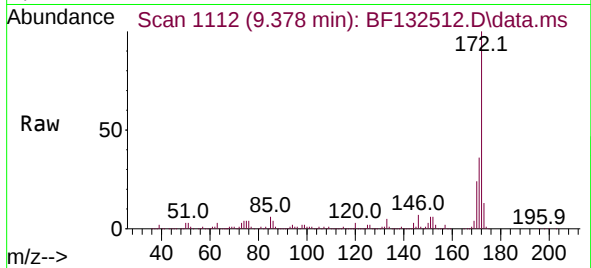
Tgt Ion:196 Resp: 365754
Ion Ratio Lower Upper
196 100
198 93.8 78.3 117.5
97 55.2 38.1 57.1
132 27.2 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 72.379 ng
RT: 9.378 min Scan# 1112
Delta R.T. 0.001 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

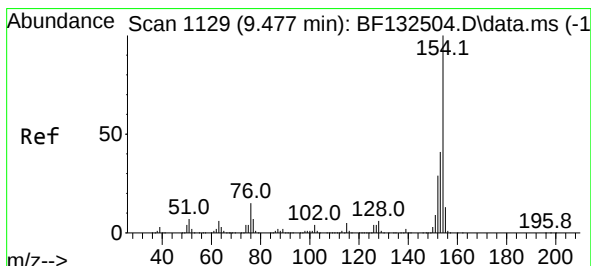
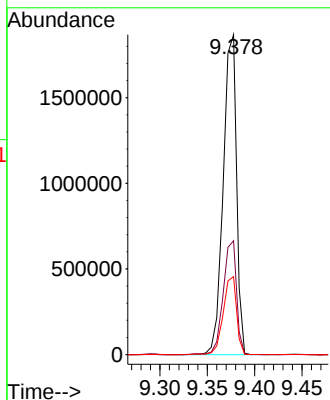
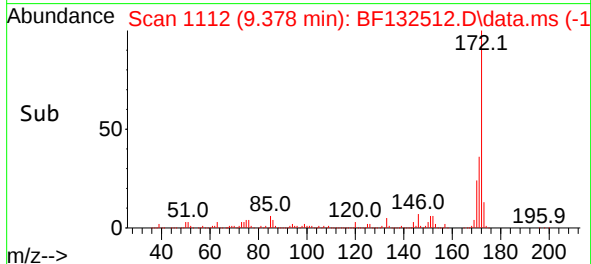
Instrument :
BNA_F
ClientSampleId :
PB151002BS



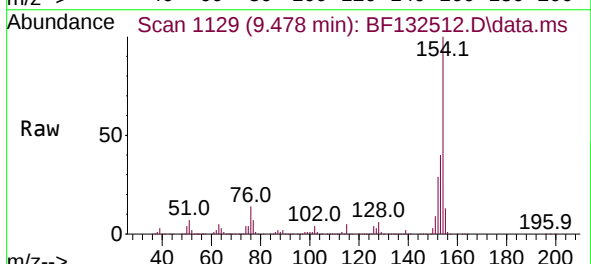
Tgt Ion:172 Resp: 1824016
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.4 19.7 29.5

Manual Integrations
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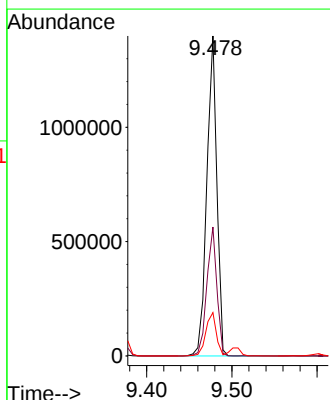
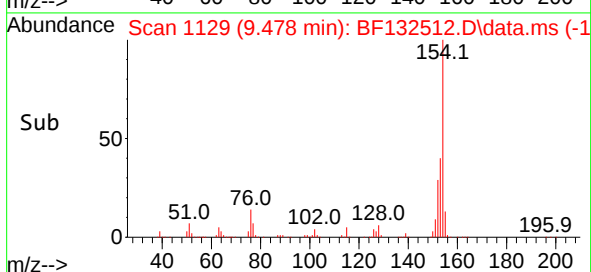
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

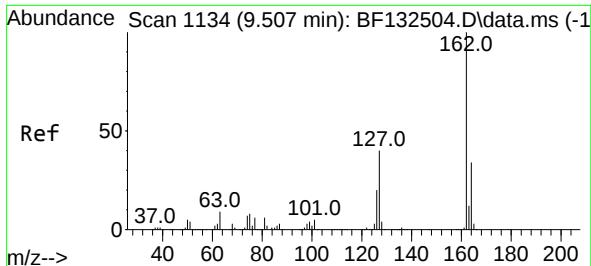


#46
1,1'-Biphenyl
Concen: 39.320 ng
RT: 9.478 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



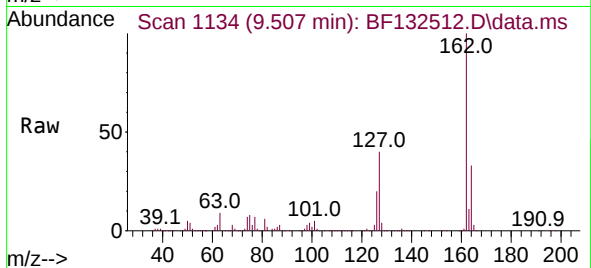
Tgt Ion:154 Resp: 1141982
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 13.5 0.0 34.7





#47
2-Chloronaphthalene
Concen: 39.432 ng
RT: 9.507 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

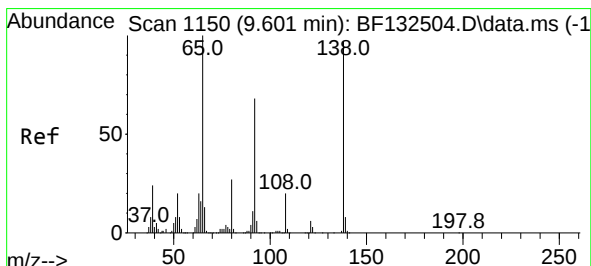
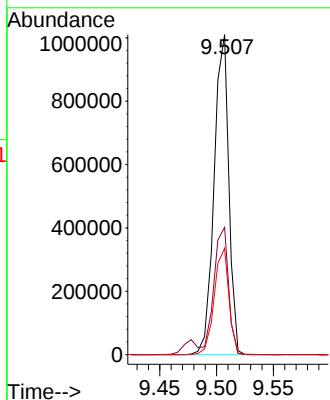
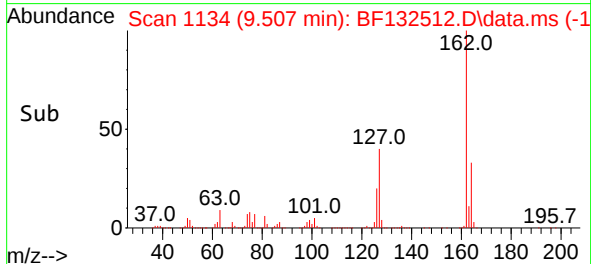
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:162 Resp: 907990
Ion Ratio Lower Upper
162 100
127 39.8 32.3 48.5
164 33.2 26.9 40.3

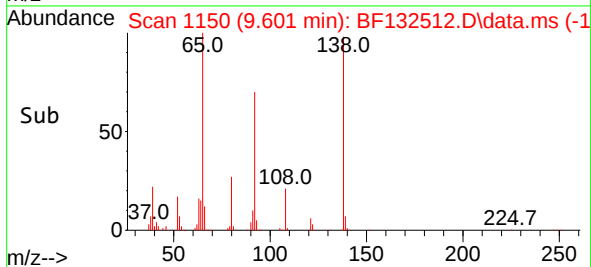
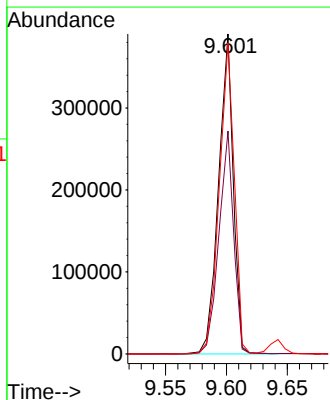
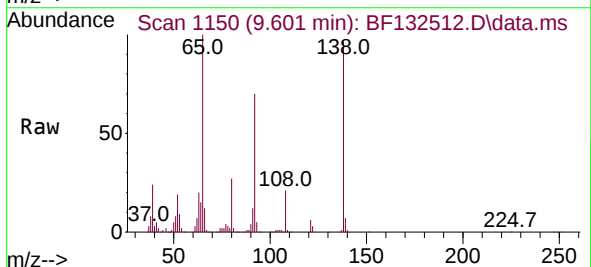
Manual Integrations
APPROVED

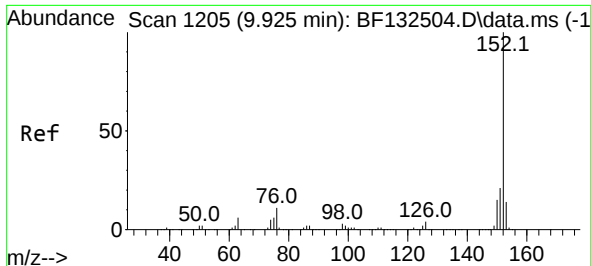
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#48
2-Nitroaniline
Concen: 38.804 ng
RT: 9.601 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion: 65 Resp: 329088
Ion Ratio Lower Upper
65 100
92 69.6 54.5 81.7
138 97.2 77.2 115.8





#49

Acenaphthylene

Concen: 38.636 ng

RT: 9.925 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF132512.D

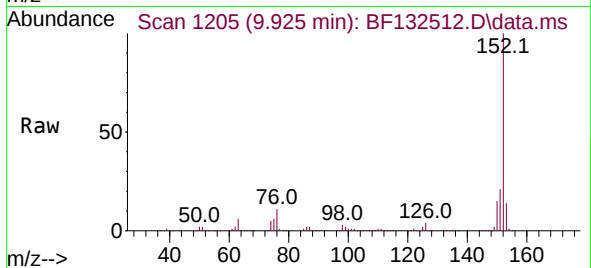
Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

PB151002BS



Tgt Ion:152 Resp: 1415913

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

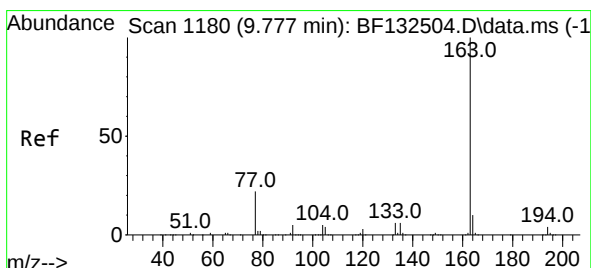
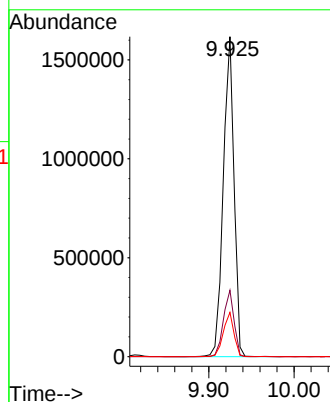
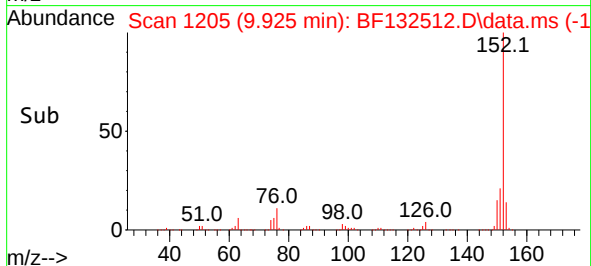
153 13.9 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#50

Dimethylphthalate

Concen: 38.165 ng

RT: 9.778 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

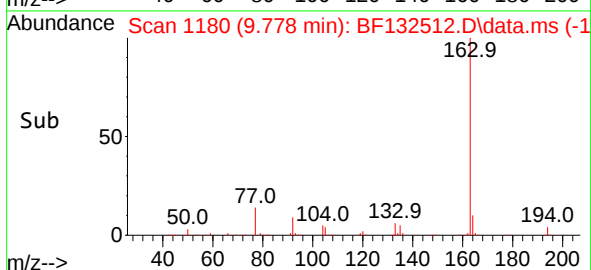
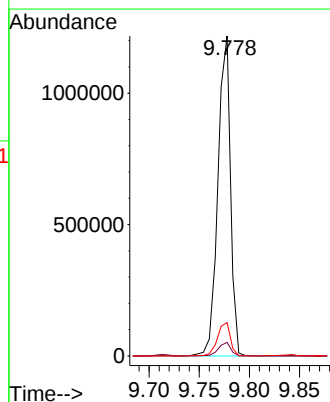
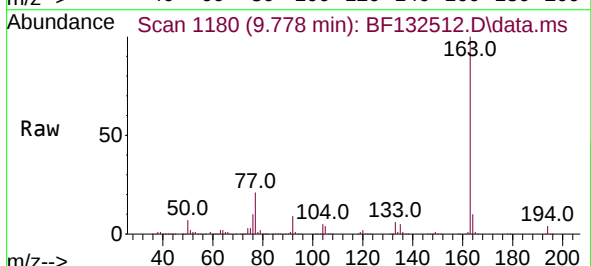
Tgt Ion:163 Resp: 1066332

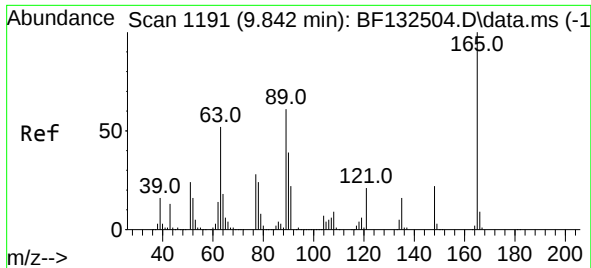
Ion Ratio Lower Upper

163 100

194 4.3 3.3 4.9

164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 39.812 ng
RT: 9.842 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

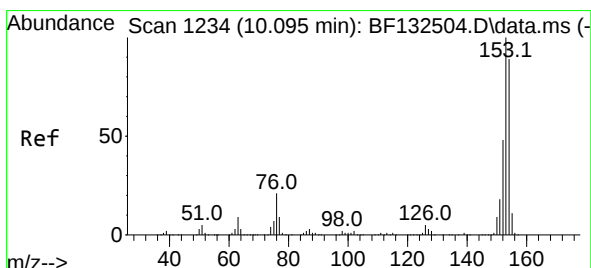
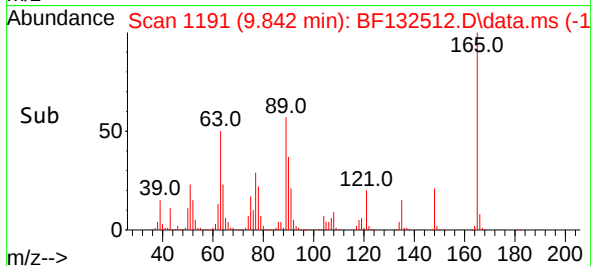
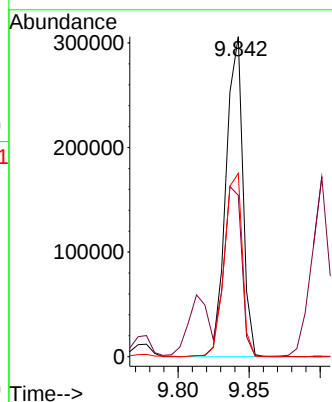
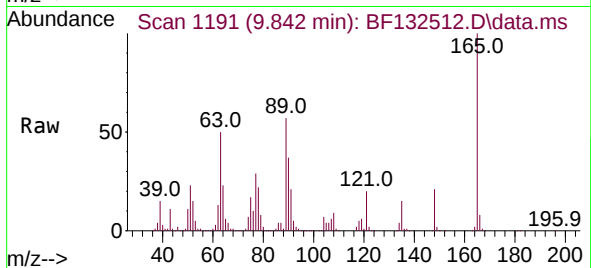
PB151002BS

Tgt Ion:165 Resp: 25332
Ion Ratio Lower Upper
165 100
63 50.4 47.3 70.9
89 57.3 48.9 73.3

Manual Integrations

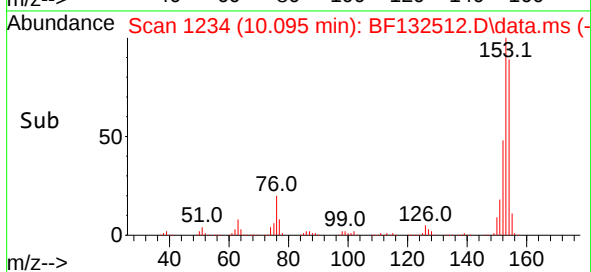
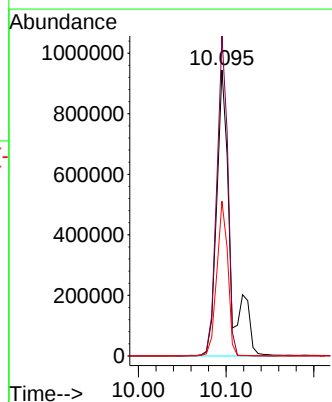
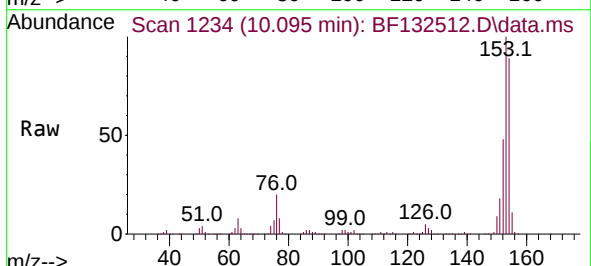
APPROVED

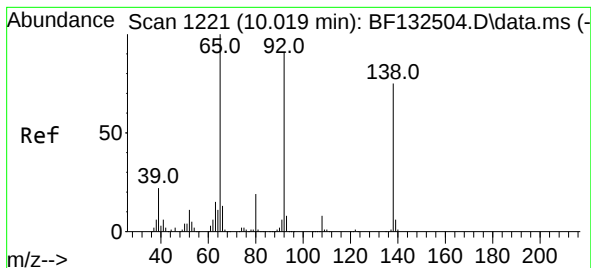
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#52
Acenaphthene
Concen: 43.862 ng m
RT: 10.095 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

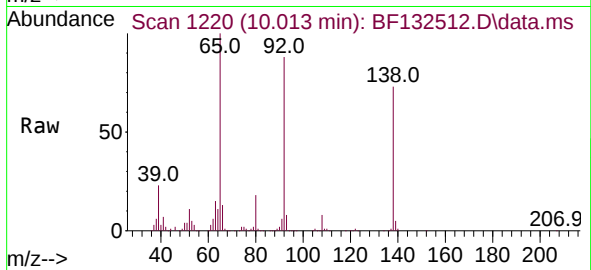
Tgt Ion:154 Resp: 1020716
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 54.1 43.3 64.9





#53
3-Nitroaniline
Concen: 30.543 ng
RT: 10.013 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

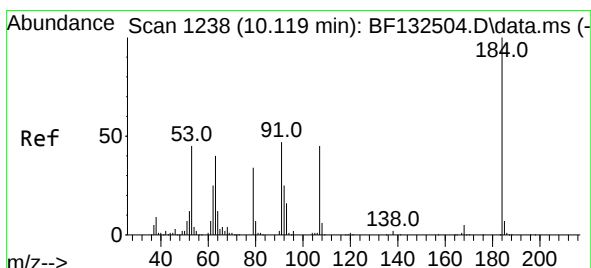
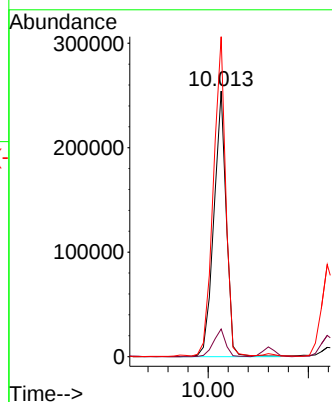
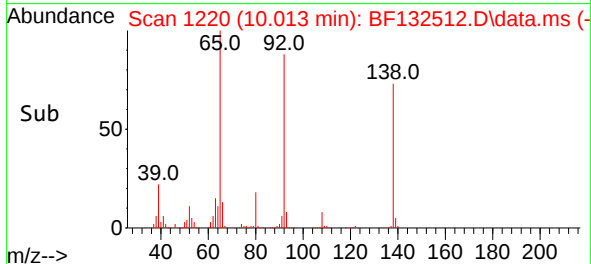
Instrument :
BNA_F
ClientSampleId :
PB151002BS



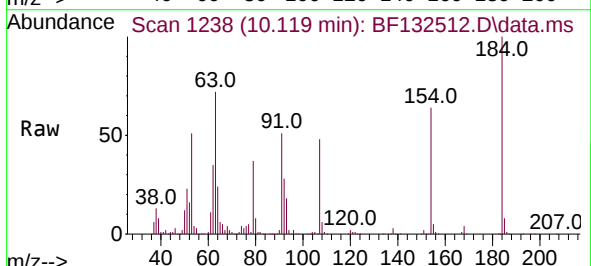
Tgt Ion:138 Resp: 217398
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 120.5 97.2 145.8

Manual Integrations
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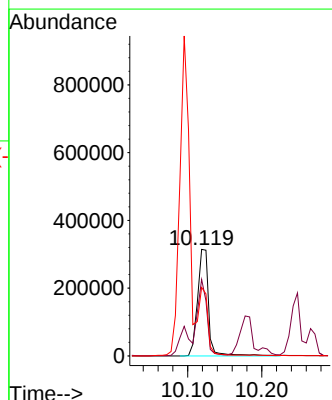
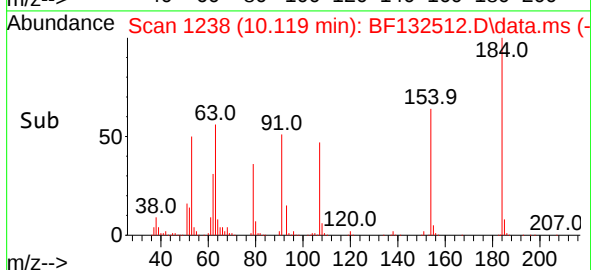
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

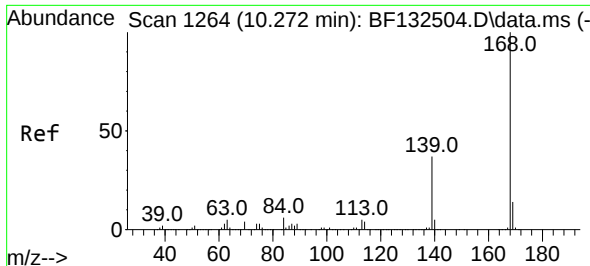


#54
2,4-Dinitrophenol
Concen: 81.841 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



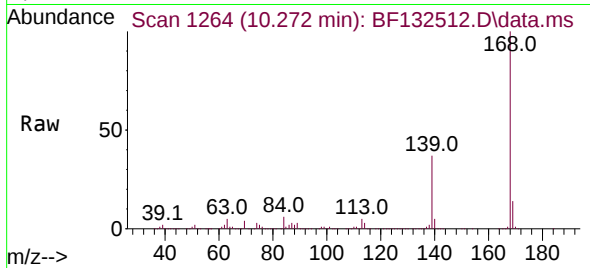
Tgt Ion:184 Resp: 328335
Ion Ratio Lower Upper
184 100
63 71.8 51.4 77.2
154 64.3 48.3 72.5





#55
Dibenzofuran
Concen: 37.910 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

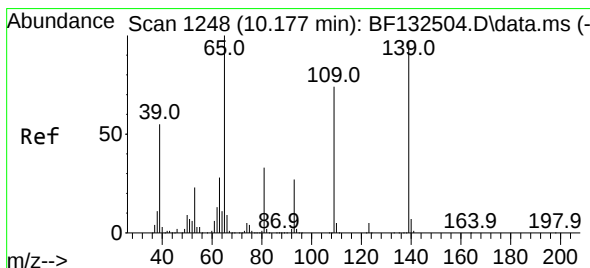
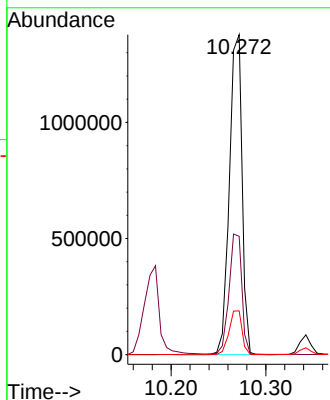
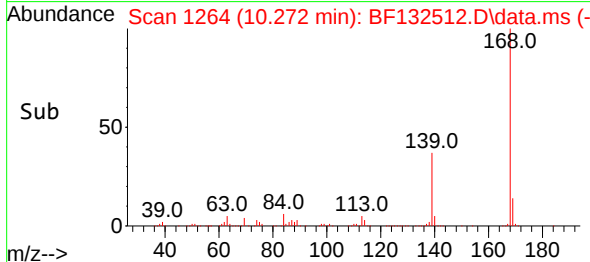
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:168 Resp: 1286095
Ion Ratio Lower Upper
168 100
139 37.0 29.8 44.6
169 13.7 10.9 16.3

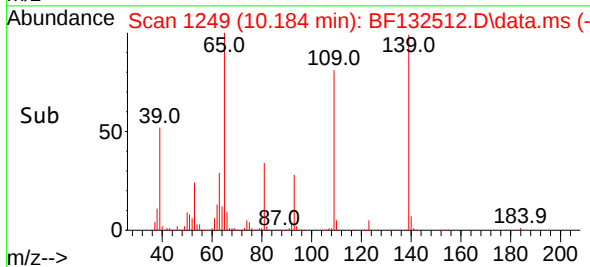
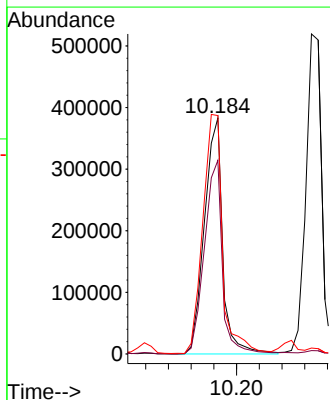
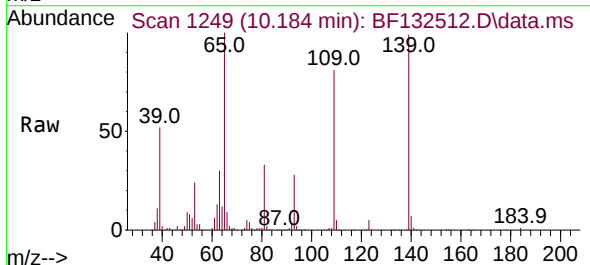
Manual Integrations
APPROVED

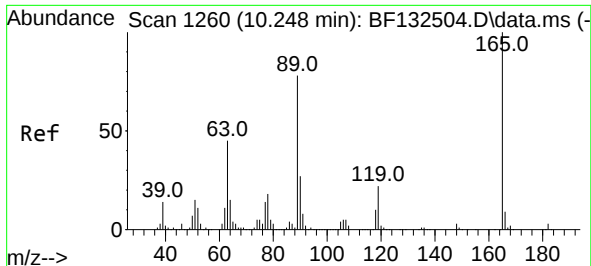
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#56
4-Nitrophenol
Concen: 80.467 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

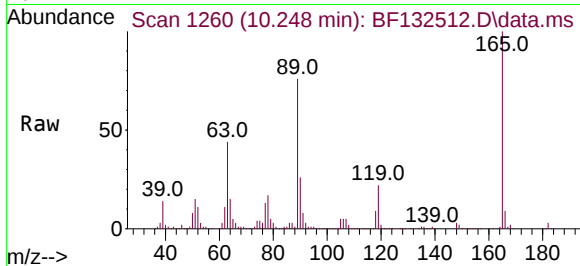
Tgt Ion:139 Resp: 427138
Ion Ratio Lower Upper
139 100
109 82.0 56.7 96.7
65 101.0 83.5 123.5





#57
2,4-Dinitrotoluene
Concen: 40.737 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

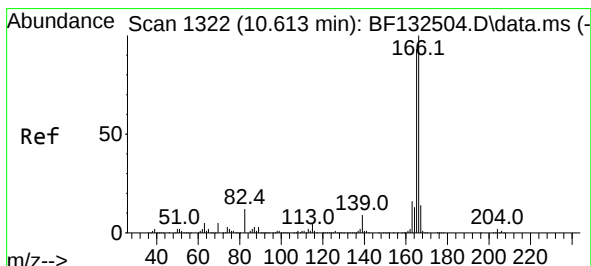
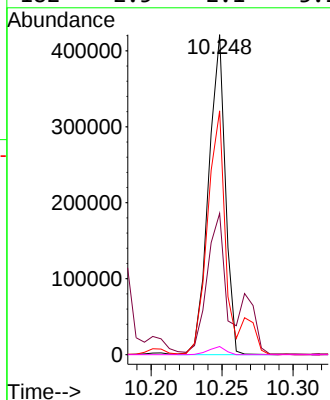
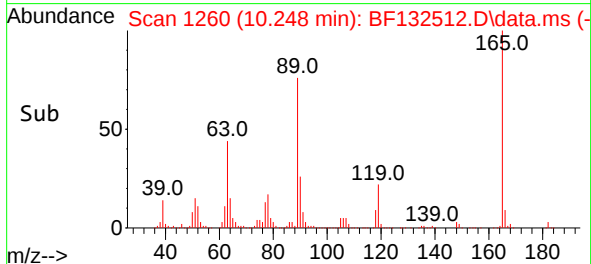
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:165 Resp: 344847
Ion Ratio Lower Upper
165 100
63 44.1 36.5 54.7
89 76.2 62.4 93.6
182 2.5 2.1 3.1

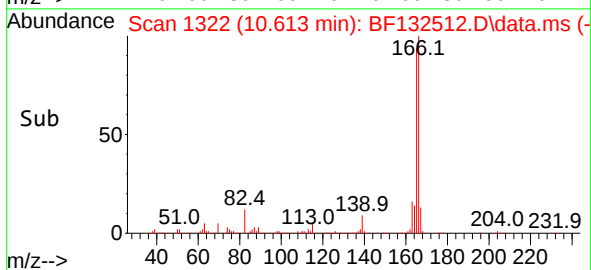
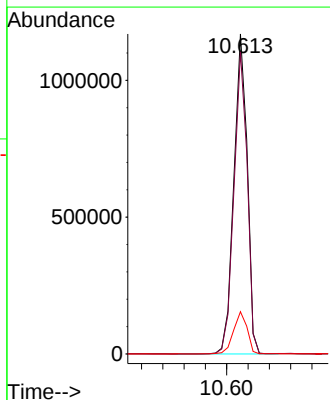
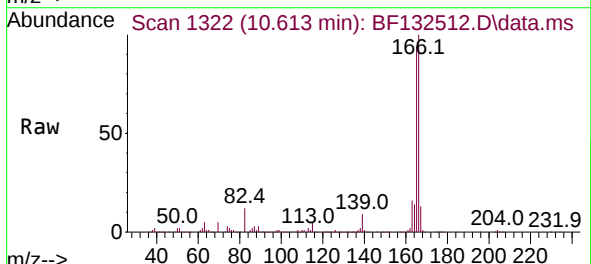
Manual Integrations
APPROVED

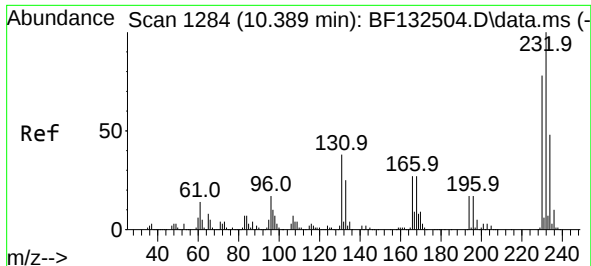
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#58
Fluorene
Concen: 39.203 ng
RT: 10.613 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

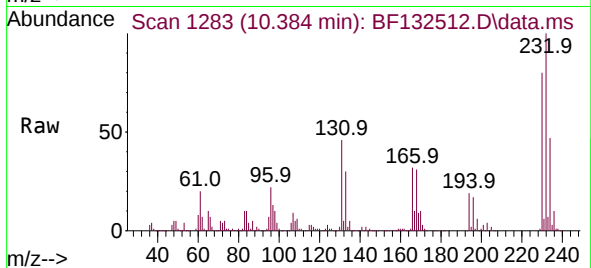
Tgt Ion:166 Resp: 1017299
Ion Ratio Lower Upper
166 100
165 94.4 74.2 111.4
167 13.2 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.987 ng
RT: 10.384 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

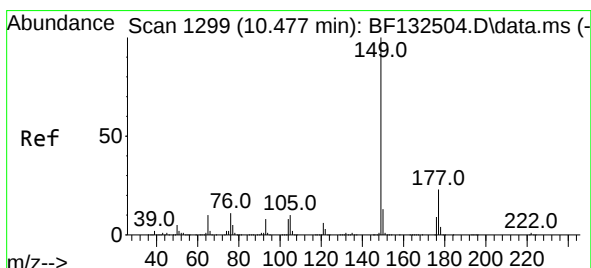
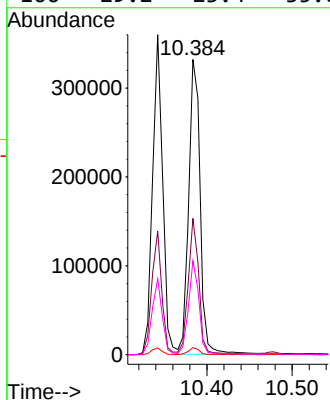
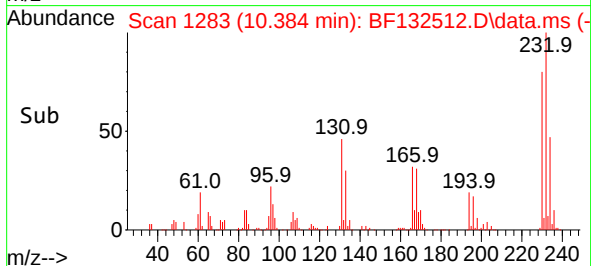
Instrument :
BNA_F
ClientSampleId :
PB151002BS



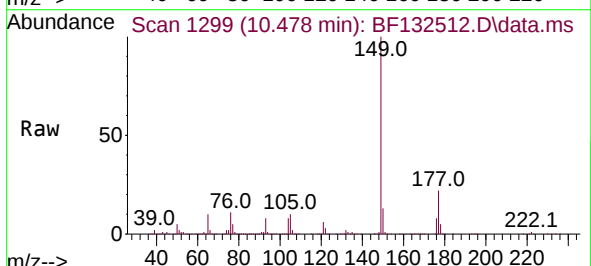
Tgt Ion:232 Resp: 309716
Ion Ratio Lower Upper
232 100
131 42.4 33.8 50.8
130 2.3 1.7 2.5
166 29.2 23.4 35.0

Manual Integrations
APPROVED

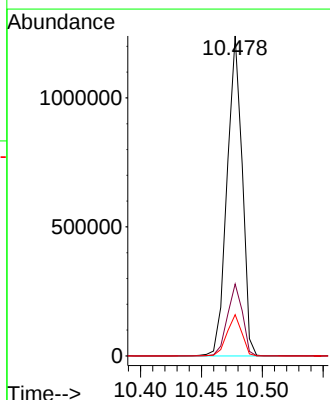
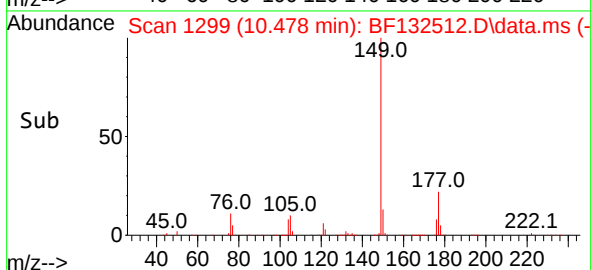
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

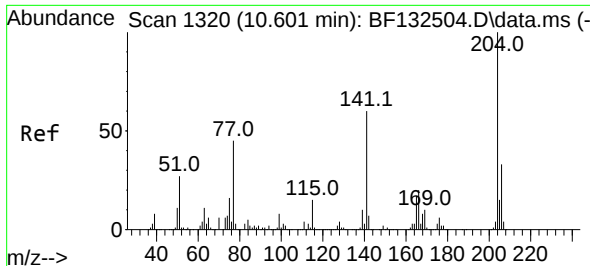


#60
Diethylphthalate
Concen: 39.215 ng
RT: 10.478 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



Tgt Ion:149 Resp: 1070066
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.9 10.2 15.2





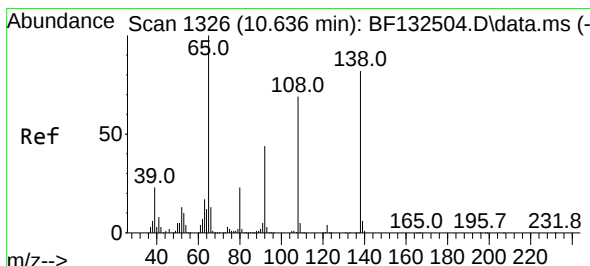
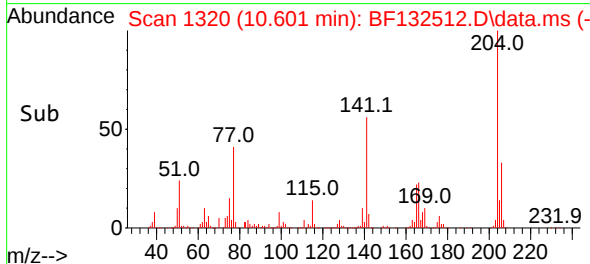
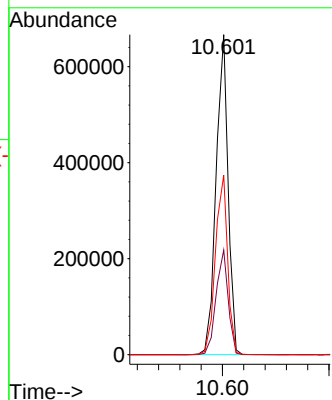
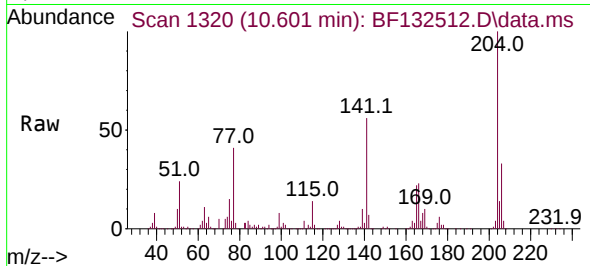
#61
4-Chlorophenyl-phenylether
Concen: 38.777 ng
RT: 10.601 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_F
ClientSampleId :
PB151002BS

Tgt Ion:204 Resp: 522013
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 56.1 47.8 71.8

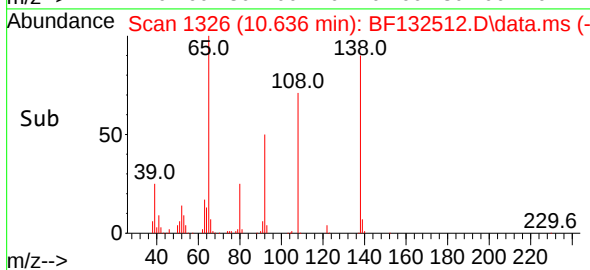
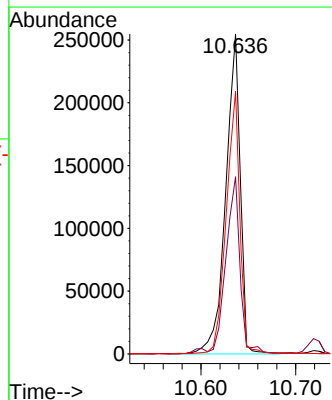
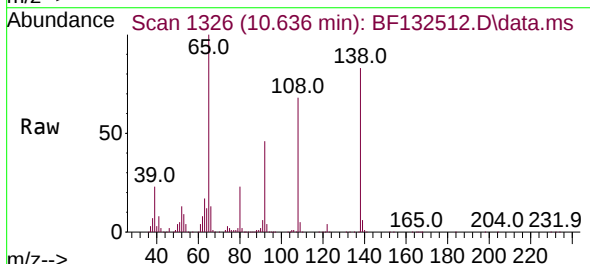
Manual Integrations
APPROVED

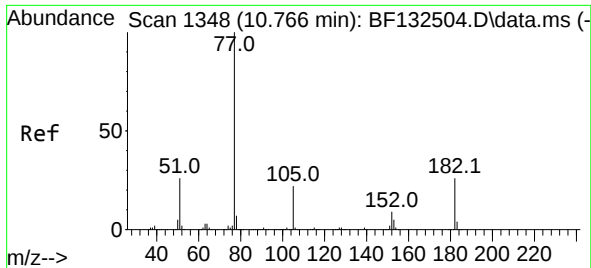
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#62
4-Nitroaniline
Concen: 38.798 ng
RT: 10.636 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion:138 Resp: 271077
Ion Ratio Lower Upper
138 100
92 55.4 33.8 73.8
108 82.0 63.7 103.7





#63
Azobenzene
Concen: 38.849 ng
RT: 10.760 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

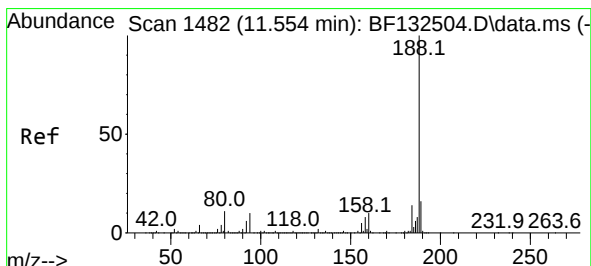
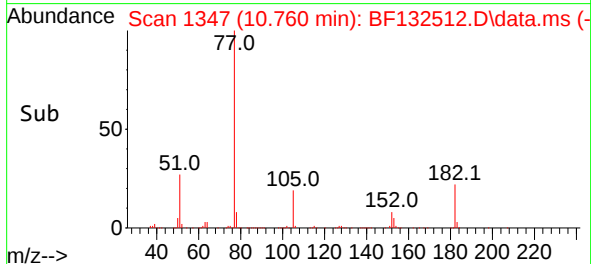
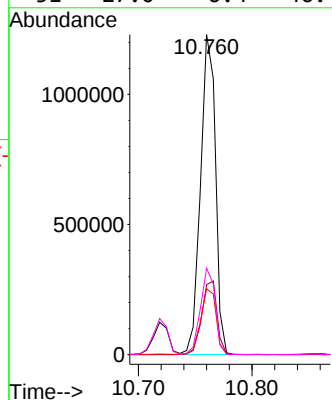
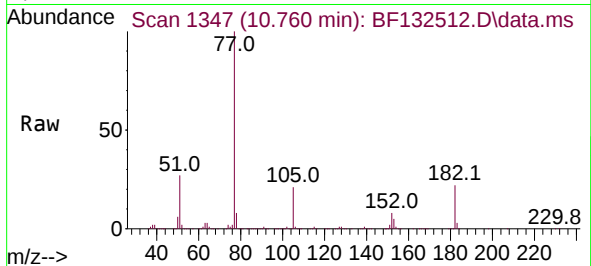
PB151002BS

Tgt Ion: 77 Resp: 112271
Ion Ratio Lower Upper
77 100
182 21.8 5.5 45.5
105 20.6 1.8 41.8
51 27.0 6.4 46.4

Manual Integrations

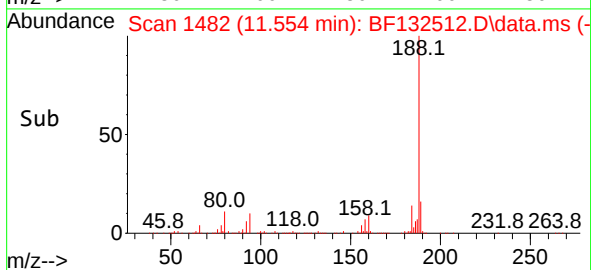
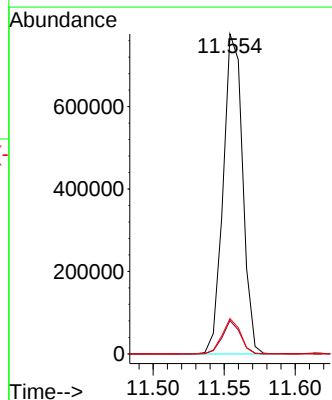
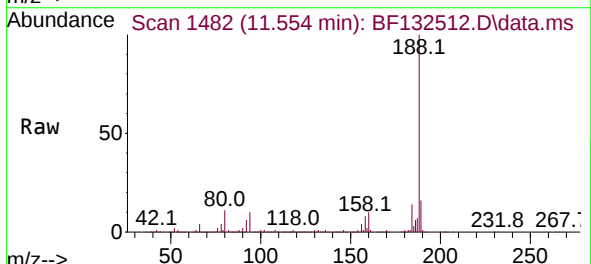
APPROVED

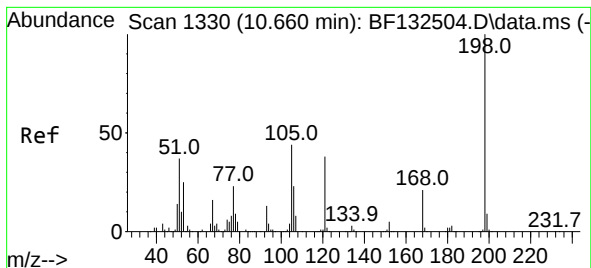
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Tgt Ion:188 Resp: 740596
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.1 8.7 13.1





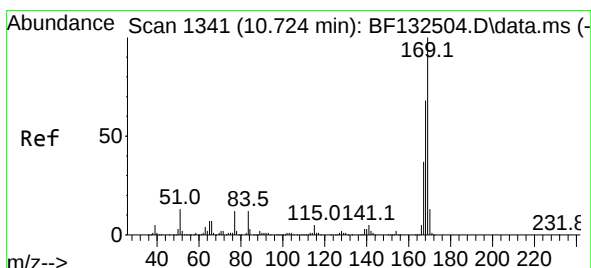
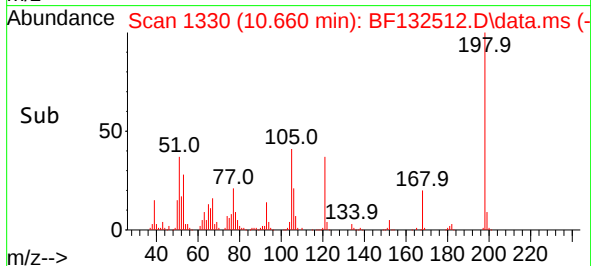
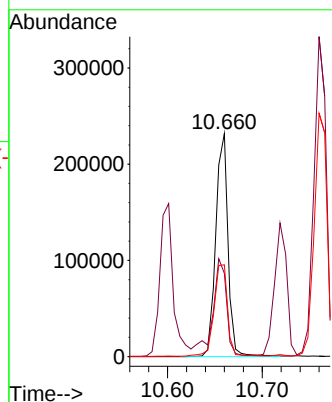
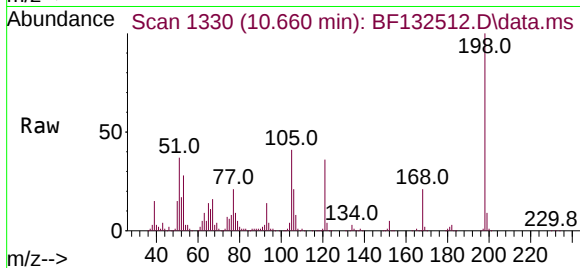
#65
4,6-Dinitro-2-methylphenol
Concen: 41.635 ng
RT: 10.660 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

Instrument :
BNA_F
ClientSampleId :
PB151002BS

Tgt Ion:198 Resp: 208735
Ion Ratio Lower Upper
198 100
51 37.4 20.6 60.6
105 41.2 24.3 64.3

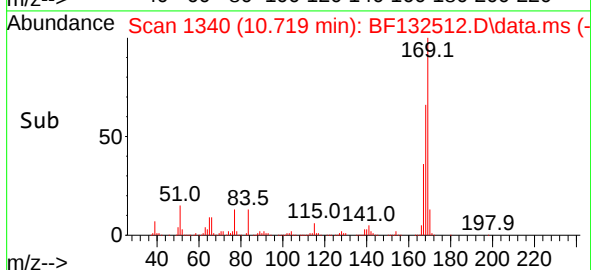
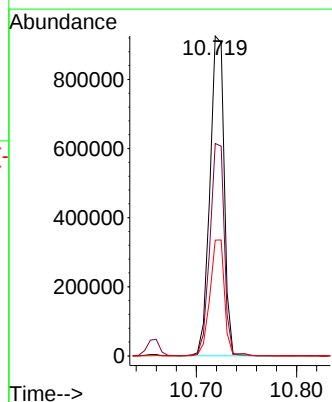
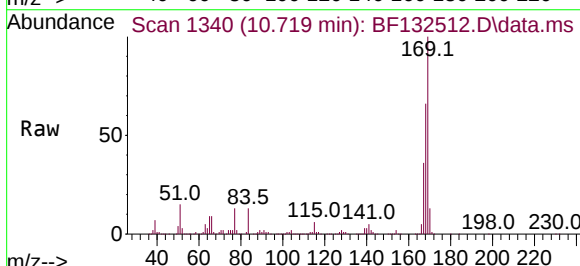
Manual Integrations
APPROVED

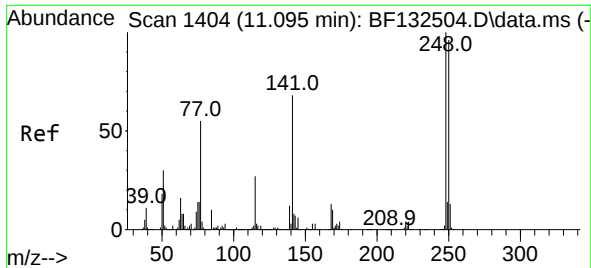
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#66
n-Nitrosodiphenylamine
Concen: 39.343 ng
RT: 10.719 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

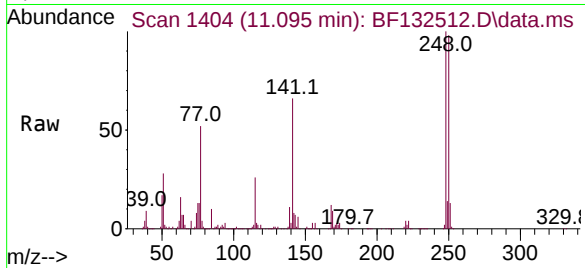
Tgt Ion:169 Resp: 908372
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.4
167 36.2 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 38.772 ng
RT: 11.095 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

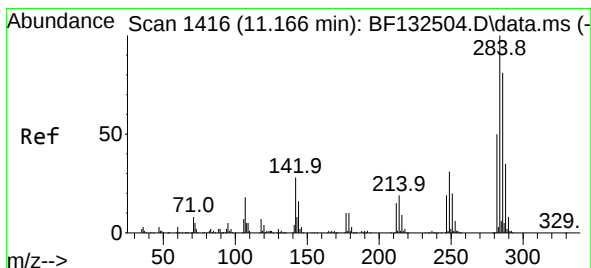
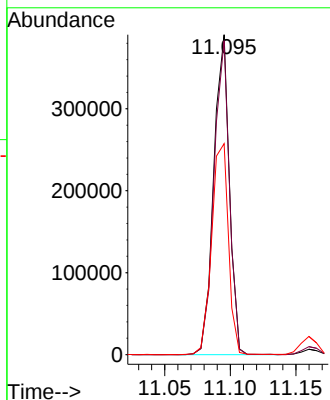
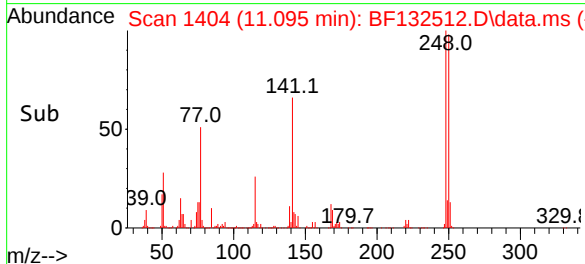
Instrument :
BNA_F
ClientSampleId :
PB151002BS



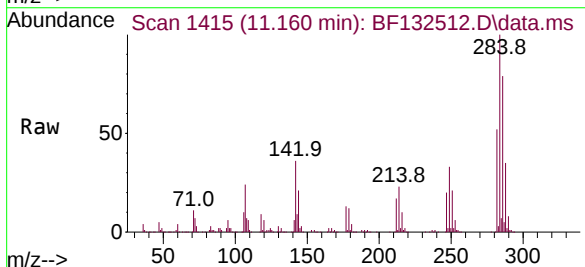
Tgt Ion:248 Resp: 324804
Ion Ratio Lower Upper
248 100
250 98.1 77.0 115.4
141 65.9 54.2 81.2

Manual Integrations
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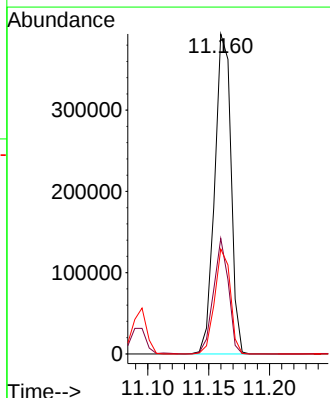
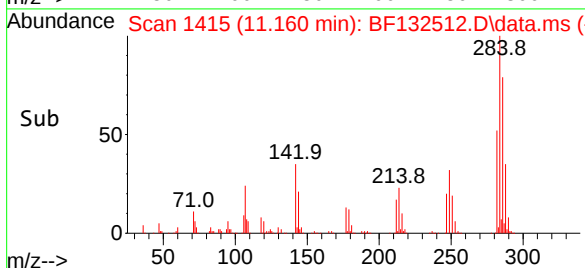
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

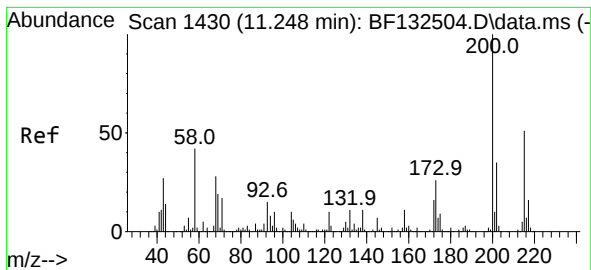


#68
Hexachlorobenzene
Concen: 41.692 ng
RT: 11.160 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



Tgt Ion:284 Resp: 367506
Ion Ratio Lower Upper
284 100
142 36.1 22.2 33.4#
249 32.8 24.9 37.3





#69

Atrazine

Concen: 42.150 ng

RT: 11.248 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

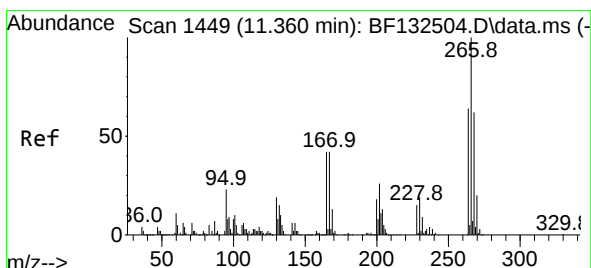
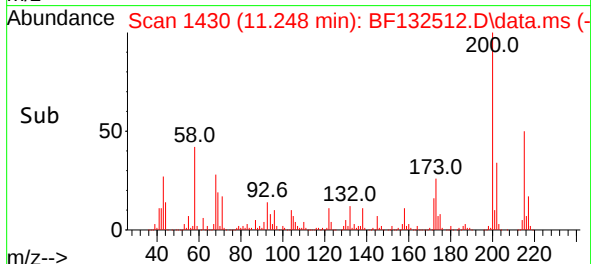
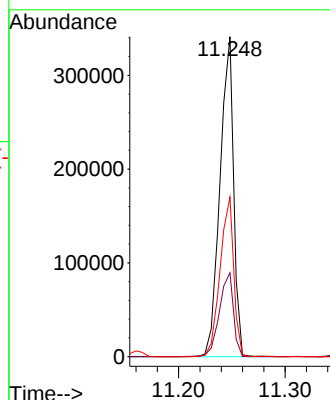
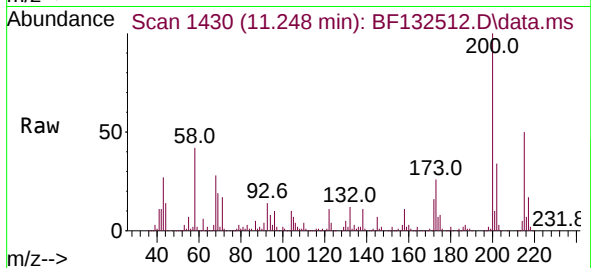
PB151002BS

Tgt Ion:200 Resp: 303821
 Ion Ratio Lower Upper
 200 100
 173 26.2 6.4 46.4
 215 49.8 31.0 71.0

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023



#70

Pentachlorophenol

Concen: 75.187 ng

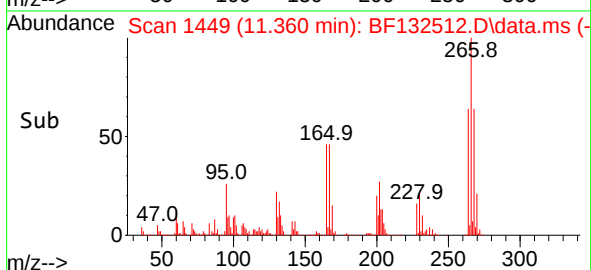
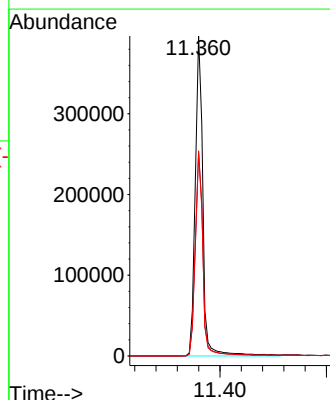
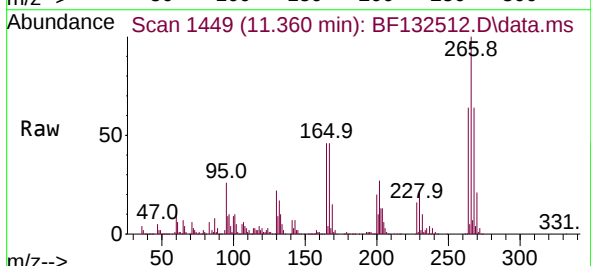
RT: 11.360 min Scan# 1449

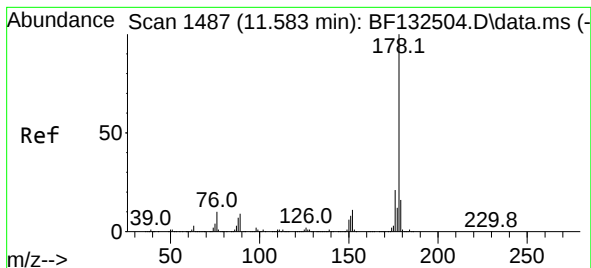
Delta R.T. -0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

Tgt Ion:266 Resp: 394322
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.8 74.6
 264 64.1 50.9 76.3





#71

Phenanthrene

Concen: 39.447 ng

RT: 11.583 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

Instrument :

BNA_F

ClientSampleId :

PB151002BS

Tgt Ion:178 Resp: 151343

Ion Ratio Lower Upper

178 100

176 19.9 16.5 24.7

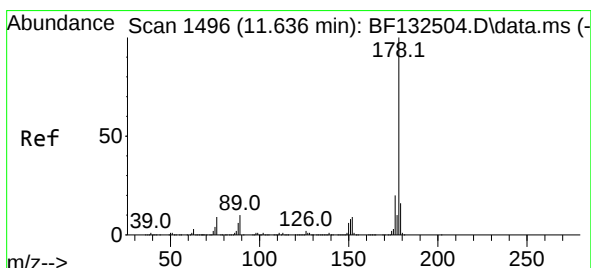
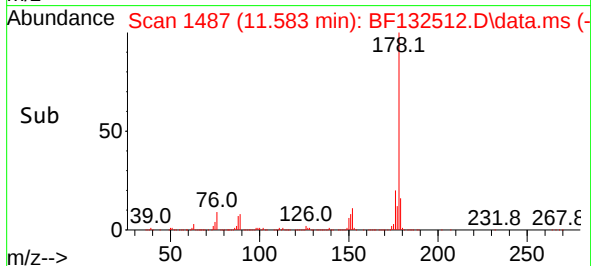
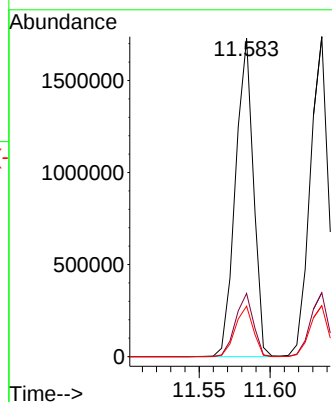
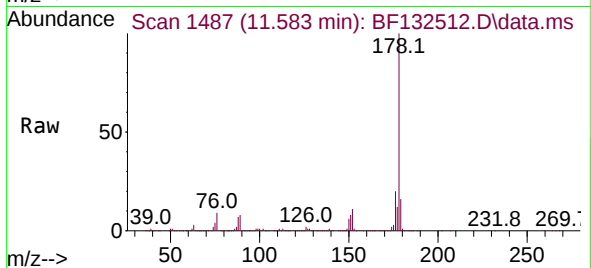
179 15.9 13.0 19.6

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2023

Supervised By :Jagrut Upadhyay 02/23/2023



#72

Anthracene

Concen: 38.557 ng

RT: 11.636 min Scan# 1496

Delta R.T. 0.000 min

Lab File: BF132512.D

Acq: 22 Feb 2023 18:40

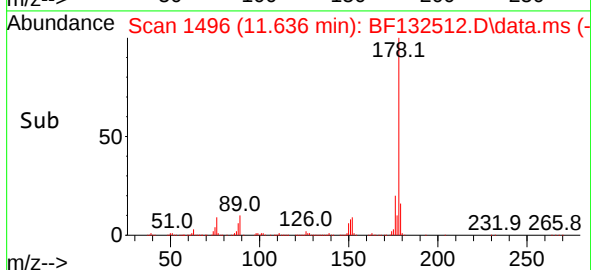
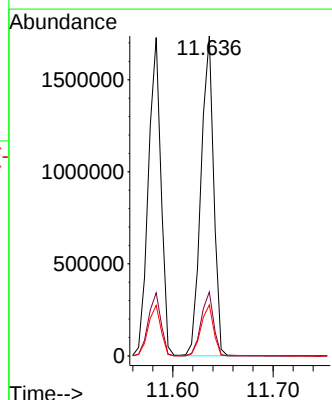
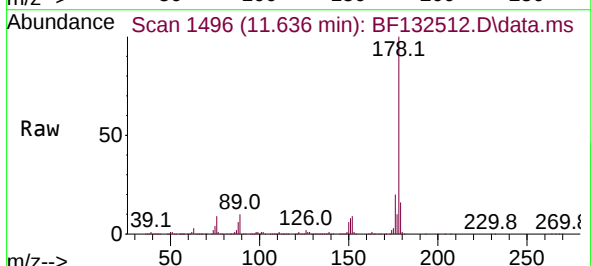
Tgt Ion:178 Resp: 1523333

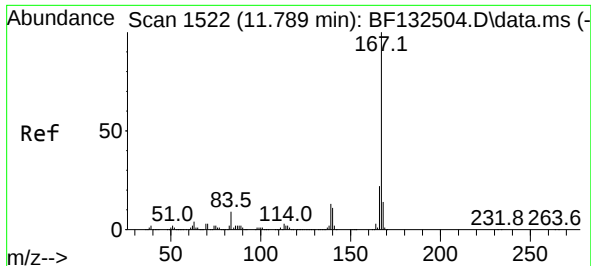
Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

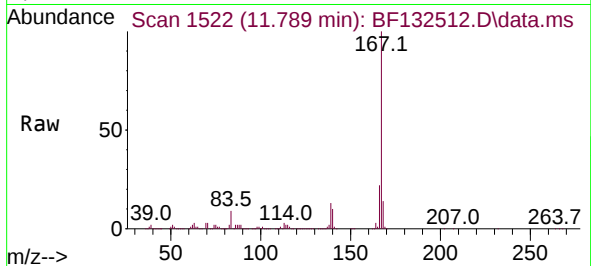
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 39.725 ng
 RT: 11.789 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: BF132512.D
 Acq: 22 Feb 2023 18:40

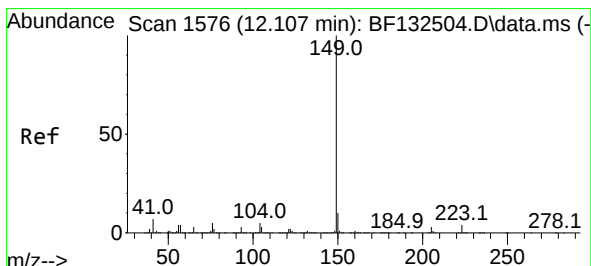
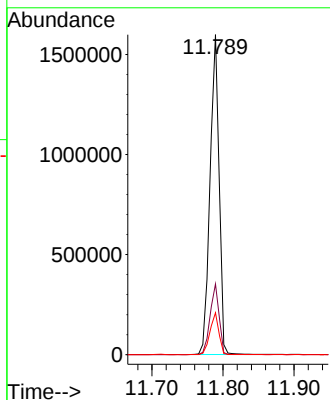
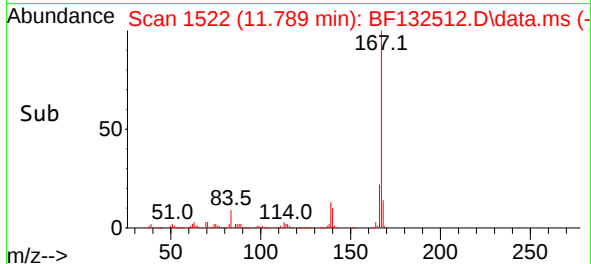
Instrument :
 BNA_F
 ClientSampleId :
 PB151002BS



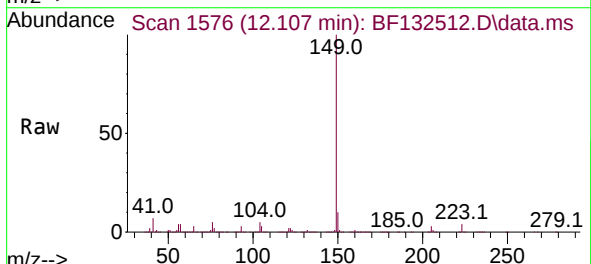
Tgt Ion:167 Resp: 1415049
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

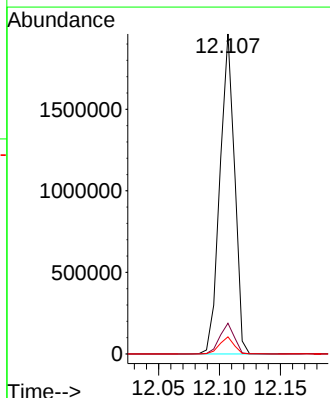
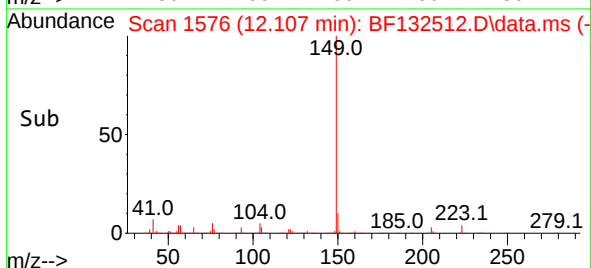
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

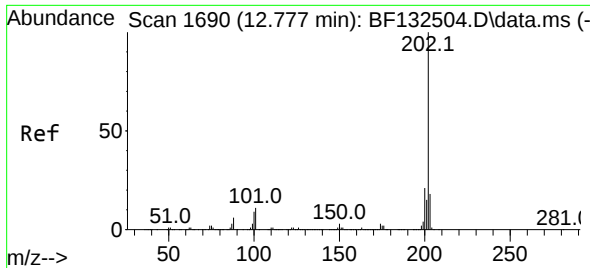


#74
 Di-n-butylphthalate
 Concen: 39.270 ng
 RT: 12.107 min Scan# 1576
 Delta R.T. 0.000 min
 Lab File: BF132512.D
 Acq: 22 Feb 2023 18:40



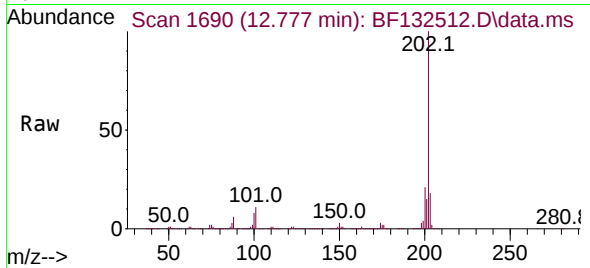
Tgt Ion:149 Resp: 1640852
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 39.573 ng
RT: 12.777 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

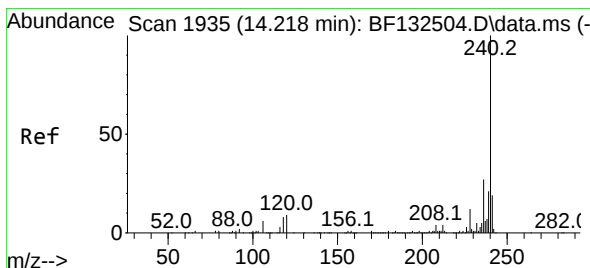
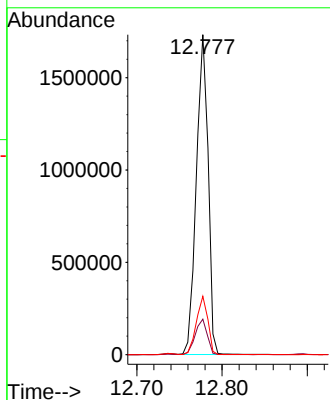
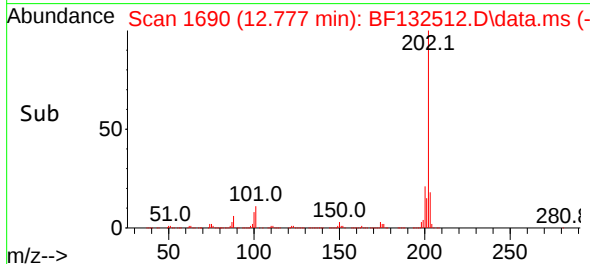
Instrument :
BNA_F
ClientSampleId :
PB151002BS



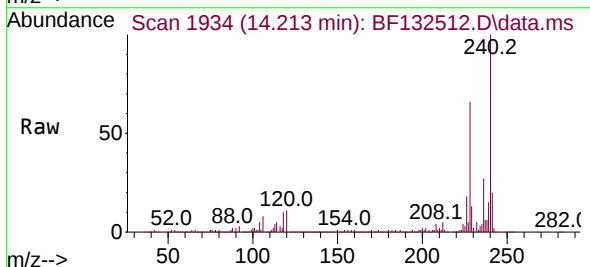
Tgt Ion:202 Resp: 1659809
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 18.2 0.0 38.0

Manual Integrations
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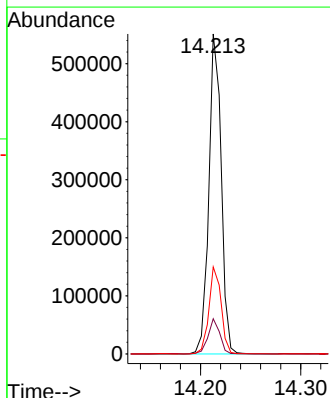
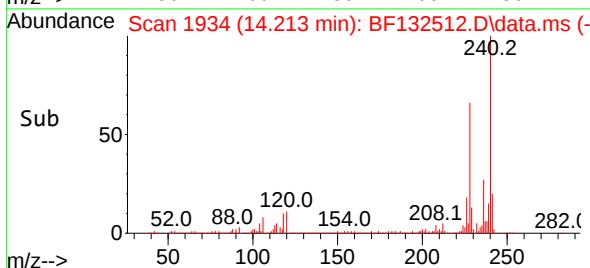
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

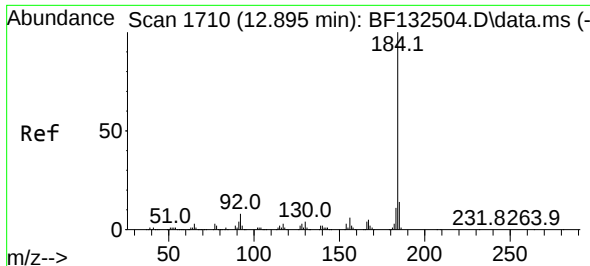


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.213 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



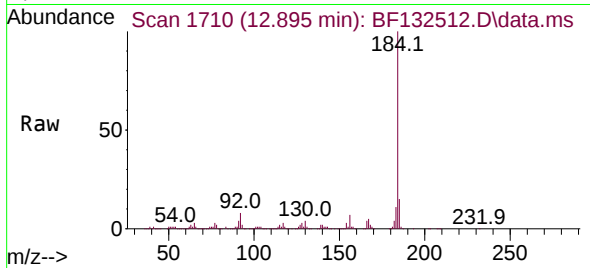
Tgt Ion:240 Resp: 470499
Ion Ratio Lower Upper
240 100
120 11.0 7.2 10.8#
236 27.2 21.8 32.6





#77
Benzidine
Concen: 52.059 ng
RT: 12.895 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

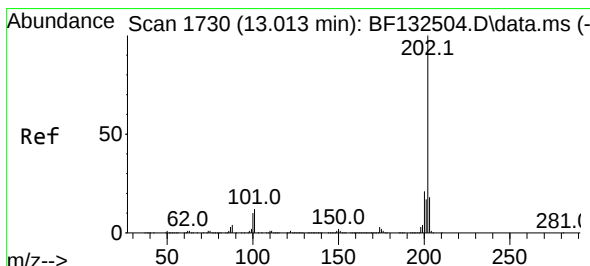
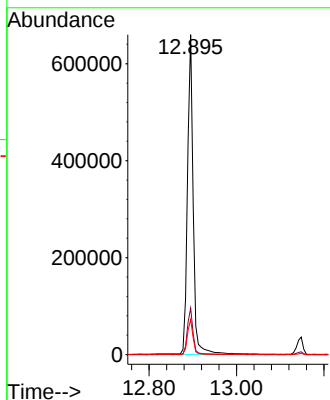
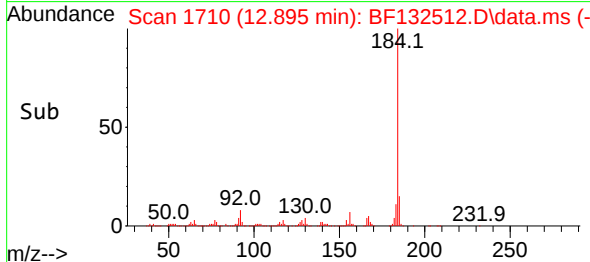
Instrument :
BNA_F
ClientSampleId :
PB151002BS



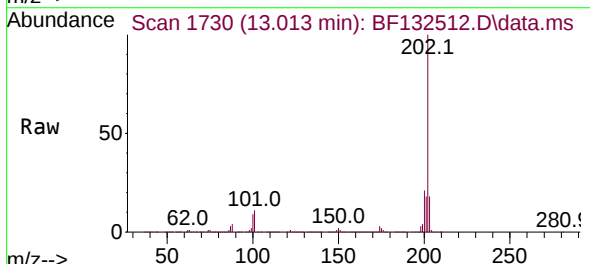
Tgt Ion:184 Resp: 596246
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 10.9 8.7 13.1

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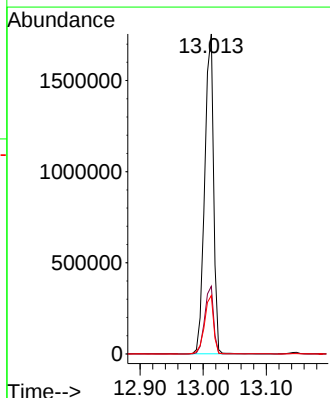
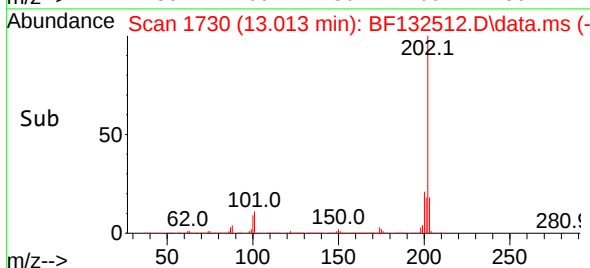
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

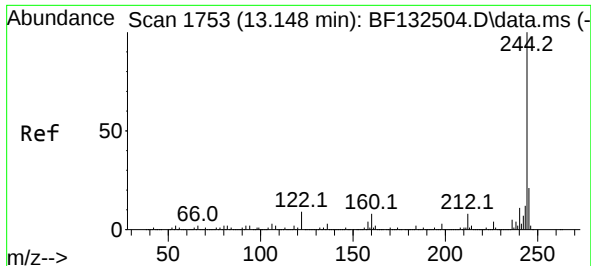


#78
Pyrene
Concen: 39.809 ng
RT: 13.013 min Scan# 1730
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



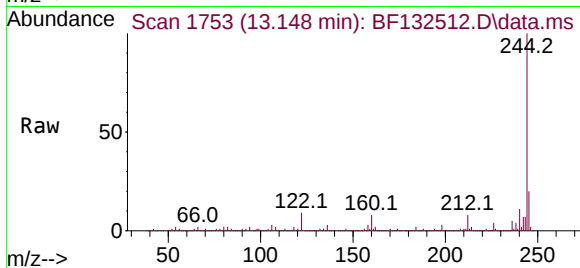
Tgt Ion:202 Resp: 1702916
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 82.654 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132512.D
 Acq: 22 Feb 2023 18:40

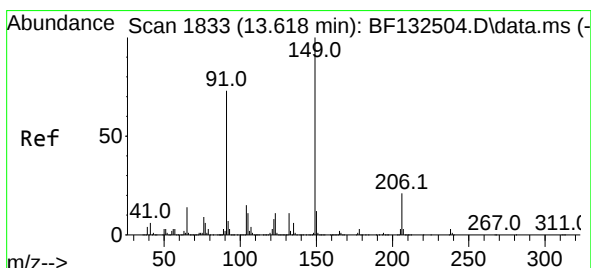
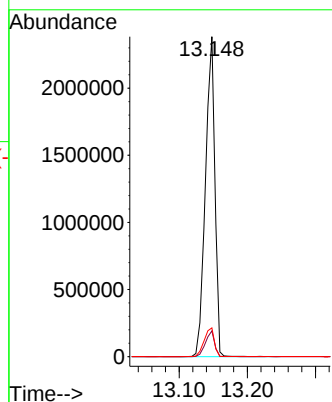
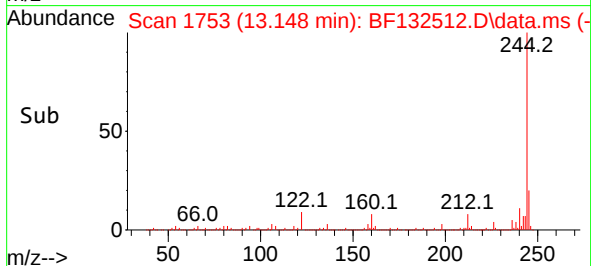
Instrument :
 BNA_F
 ClientSampleId :
 PB151002BS



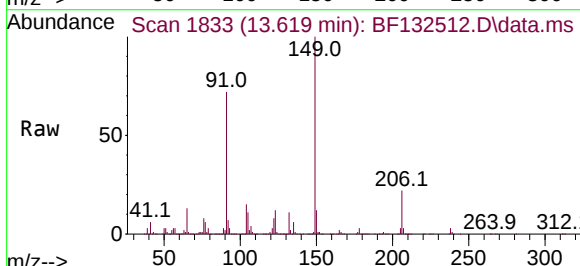
Tgt Ion:244 Resp: 2300084
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 9.0 7.5 11.3

Manual Integrations
 APPROVED

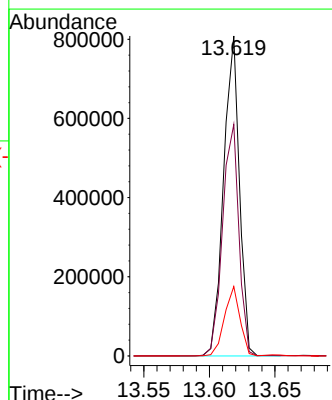
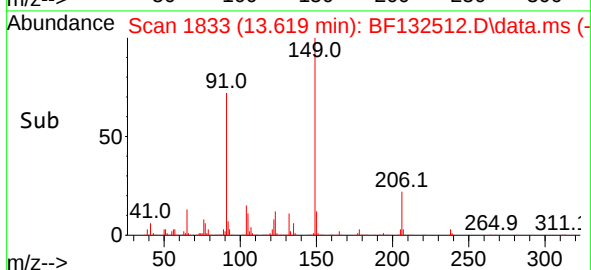
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

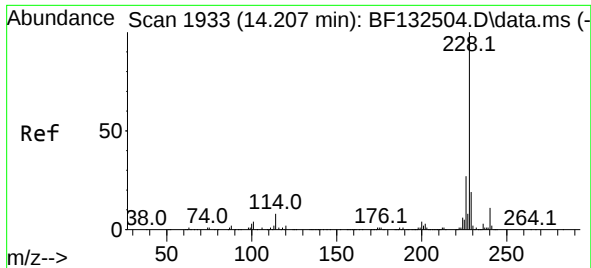


#80
 Butylbenzylphthalate
 Concen: 40.387 ng
 RT: 13.619 min Scan# 1833
 Delta R.T. 0.000 min
 Lab File: BF132512.D
 Acq: 22 Feb 2023 18:40



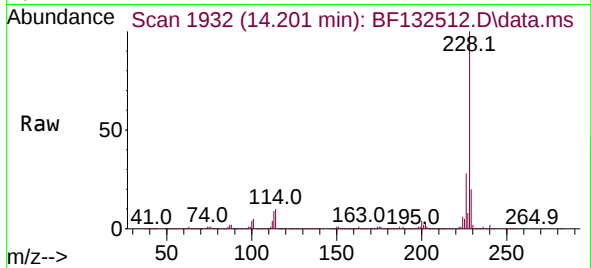
Tgt Ion:149 Resp: 681749
 Ion Ratio Lower Upper
 149 100
 91 72.3 58.4 87.6
 206 21.7 16.8 25.2





#81
Benzo(a)anthracene
Concen: 39.501 ng
RT: 14.201 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

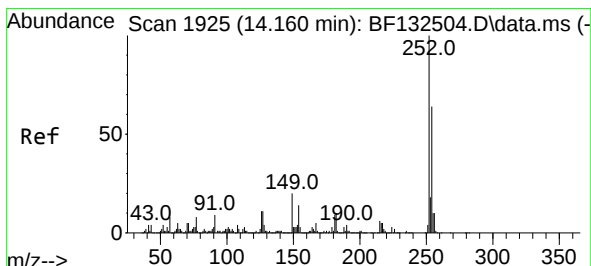
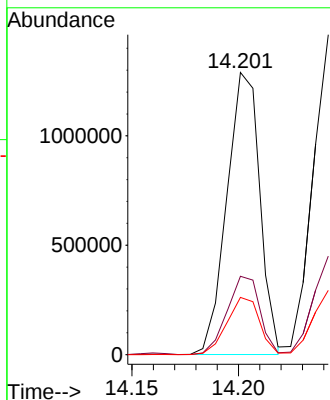
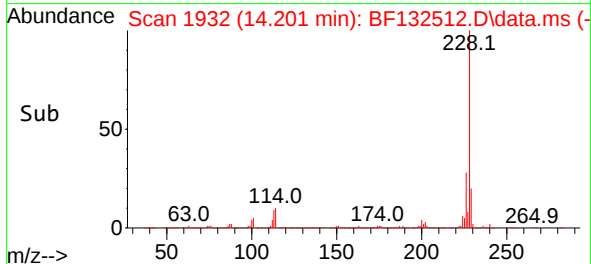
Instrument :
BNA_F
ClientSampleId :
PB151002BS



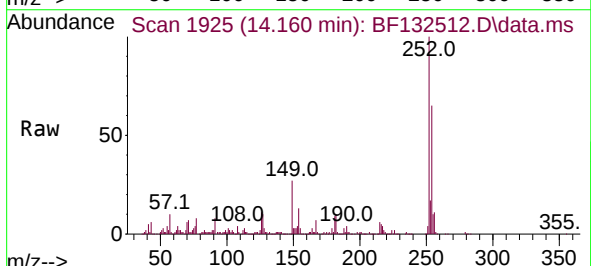
Tgt Ion:228 Resp: 1390585
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.3 15.4 23.2

Manual Integrations
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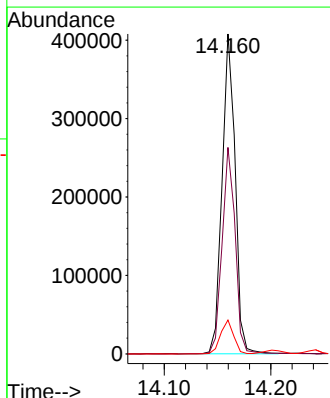
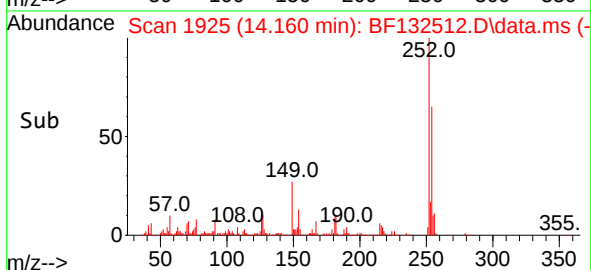
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

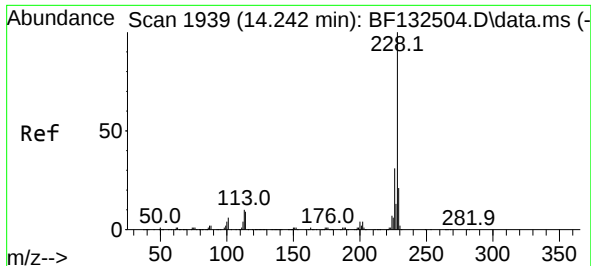


#82
3,3'-Dichlorobenzidine
Concen: 33.582 ng
RT: 14.160 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



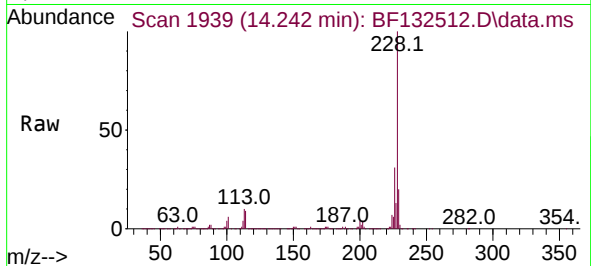
Tgt Ion:252 Resp: 348541
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 10.6 8.9 13.3





#83
Chrysene
Concen: 39.447 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

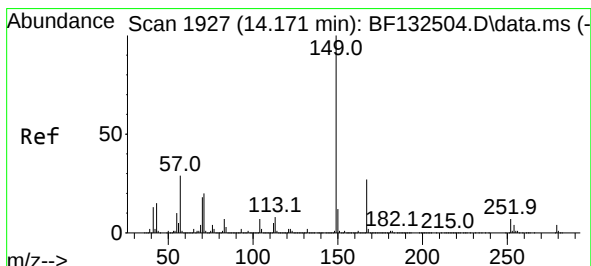
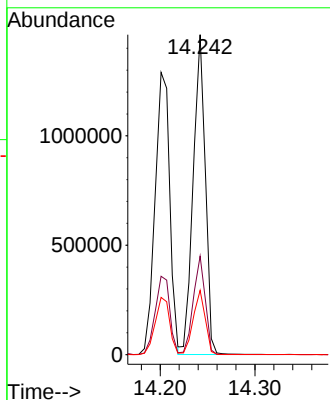
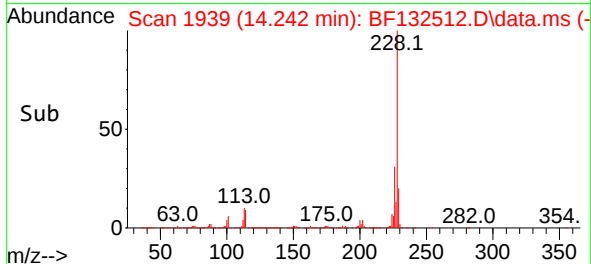
Instrument :
BNA_F
ClientSampleId :
PB151002BS



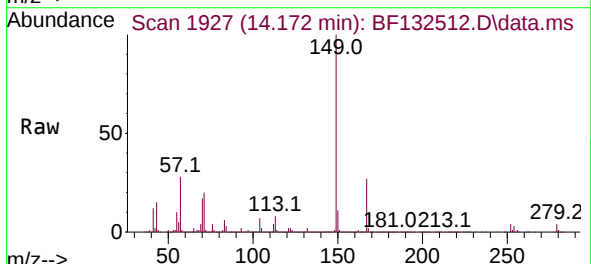
Tgt Ion:228 Resp: 1298581
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 20.1 16.4 24.6

Manual Integrations
APPROVED

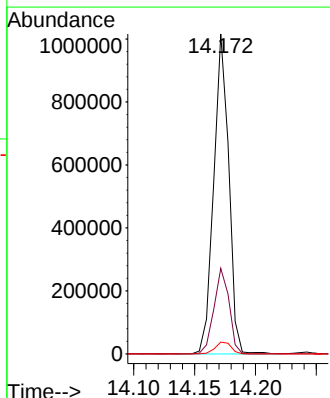
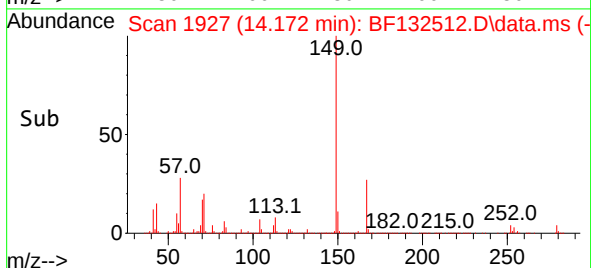
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

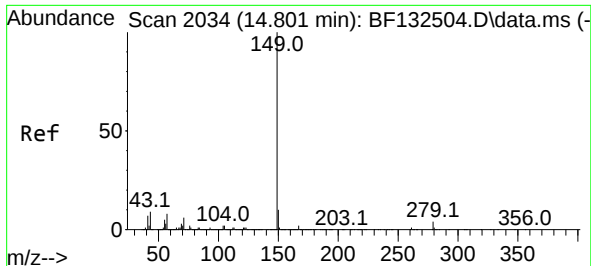


#84
Bis(2-ethylhexyl)phthalate
Concen: 42.163 ng
RT: 14.172 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



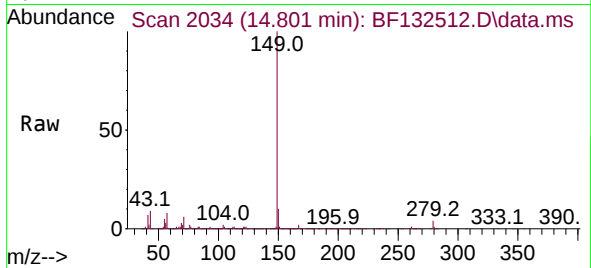
Tgt Ion:149 Resp: 874337
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 3.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 41.343 ng
RT: 14.801 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

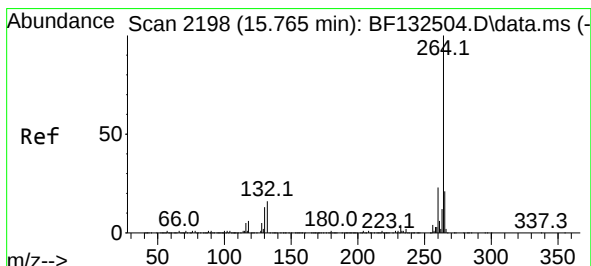
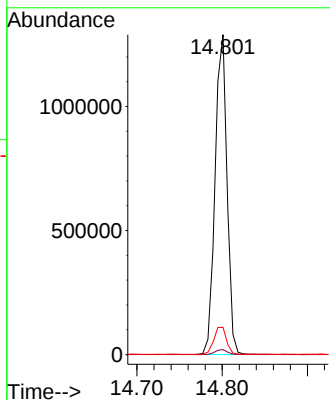
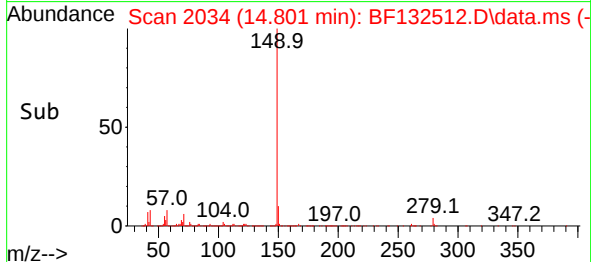
Instrument :
BNA_F
ClientSampleId :
PB151002BS



Tgt Ion:149 Resp: 1252822
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.2 10.8

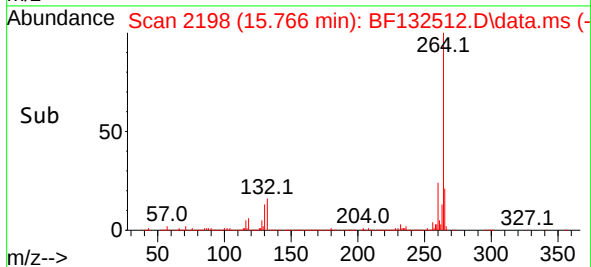
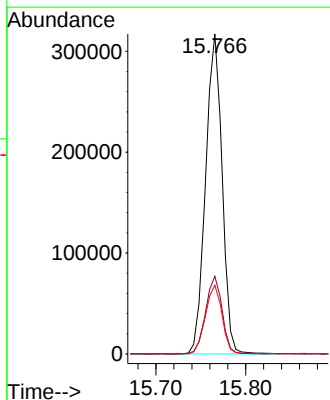
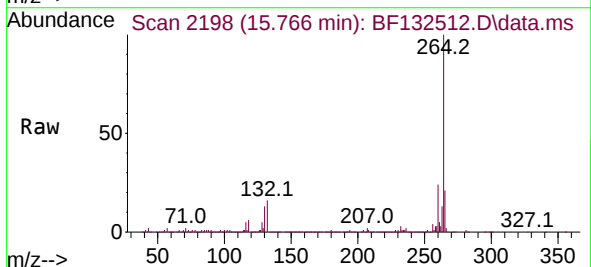
Manual Integrations
APPROVED

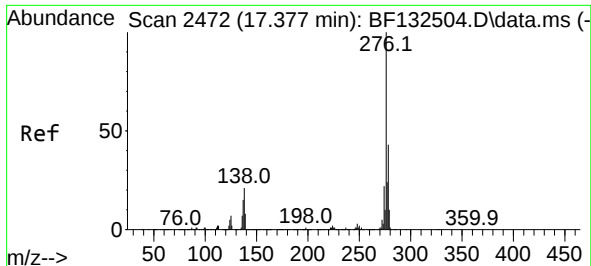
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.766 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

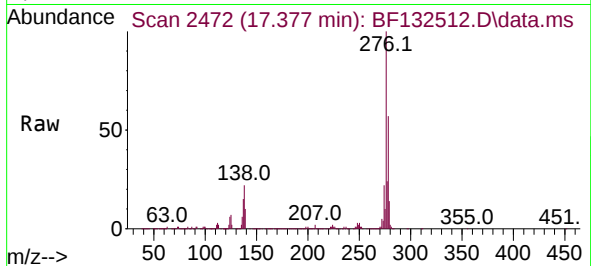
Tgt Ion:264 Resp: 405835
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.5 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.824 ng
 RT: 17.377 min Scan# 2472
 Delta R.T. 0.000 min
 Lab File: BF132512.D
 Acq: 22 Feb 2023 18:40

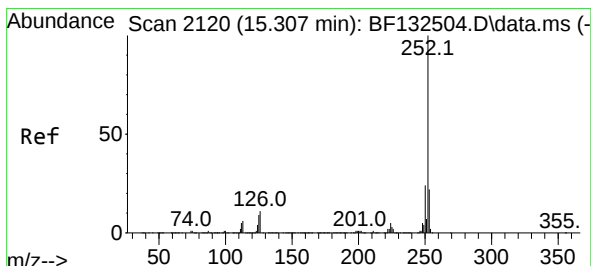
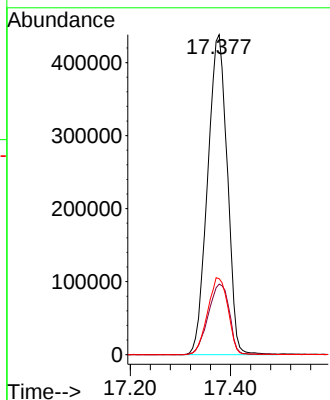
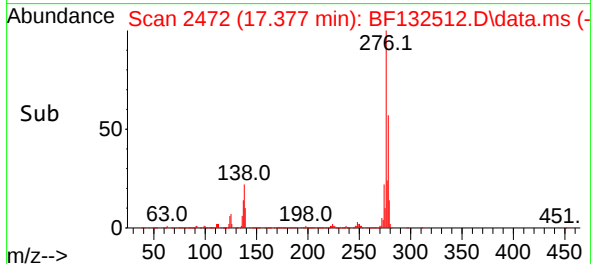
Instrument :
 BNA_F
 ClientSampleId :
 PB151002BS



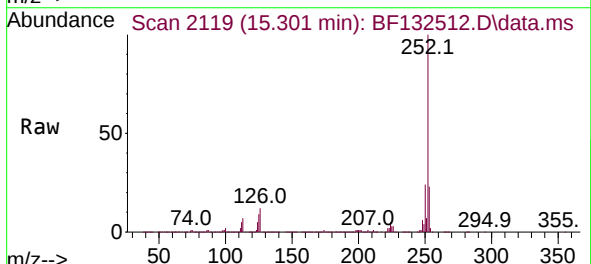
Tgt Ion:276 Resp: 1191973
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.0 28.4
 277 25.0 20.0 30.0

Manual Integrations
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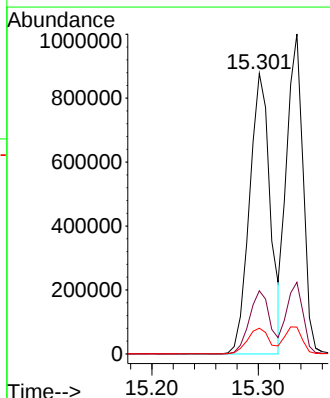
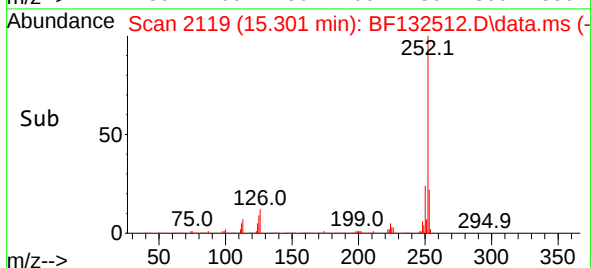
Reviewed By :Christian Giraldo 02/23/2023
 Supervised By :Jagrut Upadhyay 02/23/2023

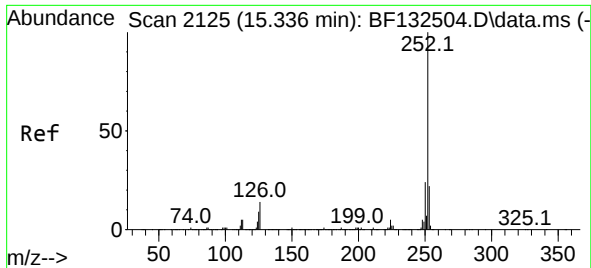


#88
 Benzo(b)fluoranthene
 Concen: 43.842 ng
 RT: 15.301 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BF132512.D
 Acq: 22 Feb 2023 18:40



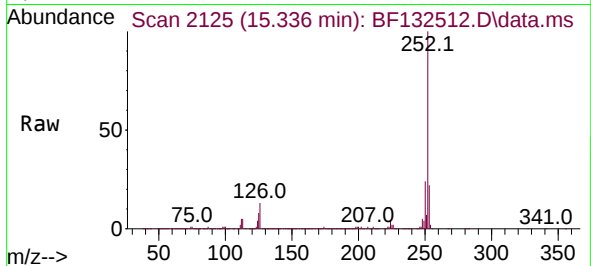
Tgt Ion:252 Resp: 1192377
 Ion Ratio Lower Upper
 252 100
 253 22.5 17.4 26.0
 125 9.2 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 40.446 ng
RT: 15.336 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

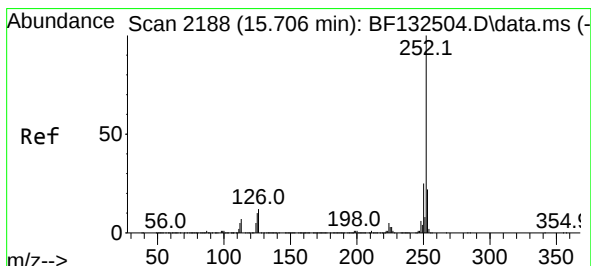
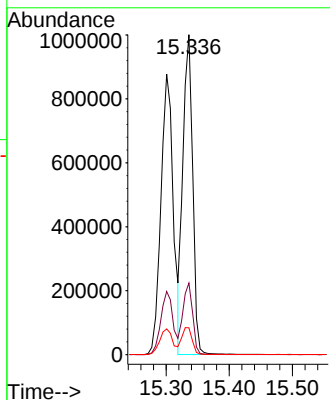
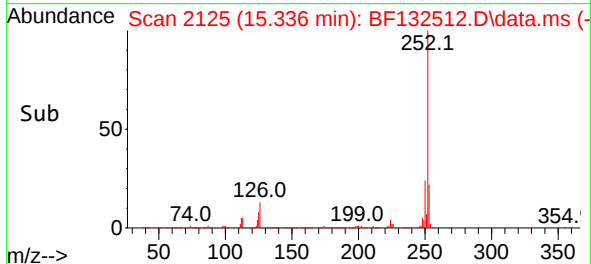
Instrument :
BNA_F
ClientSampleId :
PB151002BS



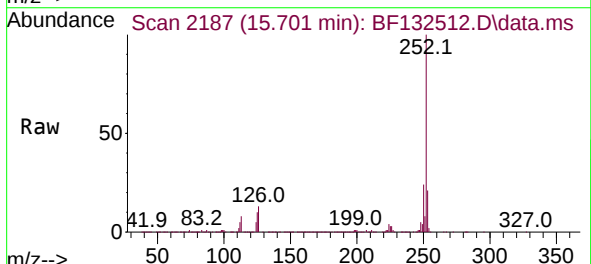
Tgt Ion:252 Resp: 1076575
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 8.4 7.2 10.8

Manual Integrations
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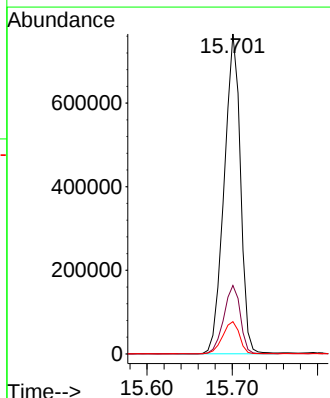
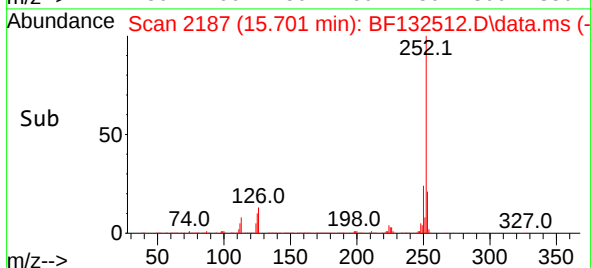
Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023

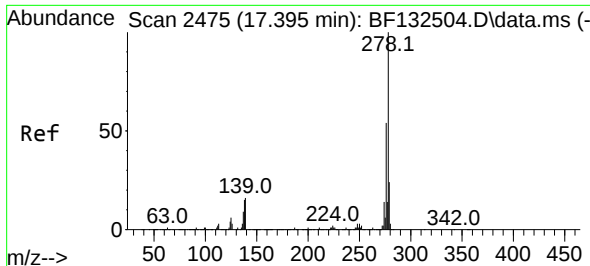


#90
Benzo(a)pyrene
Concen: 39.849 ng
RT: 15.701 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



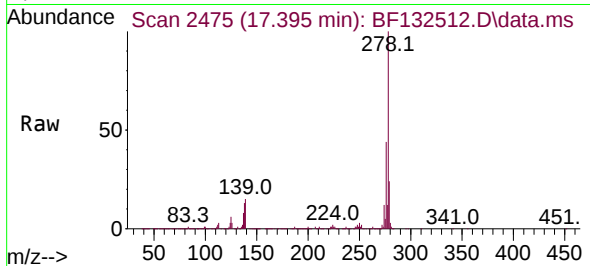
Tgt Ion:252 Resp: 1014315
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.1 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 45.088 ng
RT: 17.395 min Scan# 2475
Delta R.T. 0.000 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40

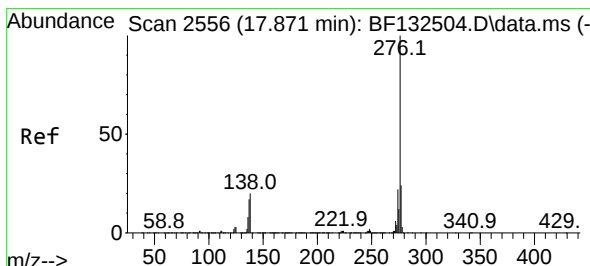
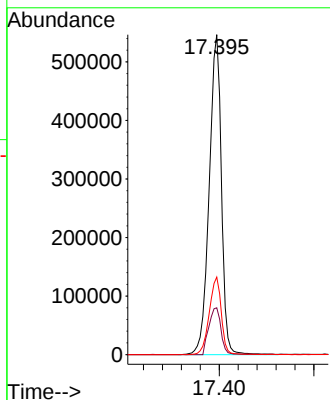
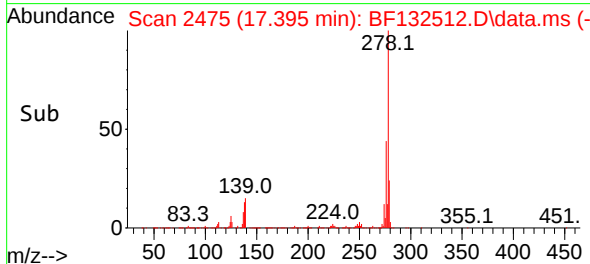
Instrument :
BNA_F
ClientSampleId :
PB151002BS



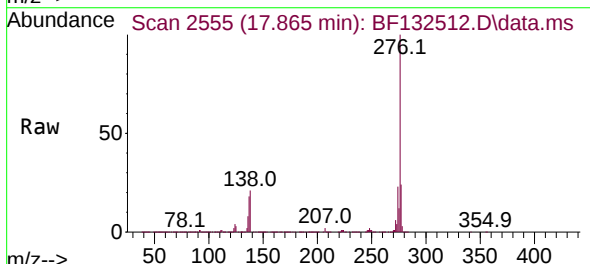
Tgt Ion:278 Resp: 976905
Ion Ratio Lower Upper
278 100
139 14.6 13.0 19.4
279 24.2 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/23/2023
Supervised By :Jagrut Upadhyay 02/23/2023



#92
Benzo(g,h,i)perylene
Concen: 41.428 ng
RT: 17.865 min Scan# 2555
Delta R.T. -0.006 min
Lab File: BF132512.D
Acq: 22 Feb 2023 18:40



Tgt Ion:276 Resp: 1008778
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 20.7 16.2 24.4

