

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136652.D
 Acq On : 20 Dec 2023 17:30
 Operator : CG\JU
 Sample : PB157610BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS

Quant Time: Dec 21 02:17:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	94726	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	388631	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	198230	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	379715	20.000	ng	0.00
76) Chrysene-d12	13.974	240	208632	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	157526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	717224	118.138	ng	0.02
7) Phenol-d6	6.445	99	881132	112.009	ng	0.00
23) Nitrobenzene-d5	7.363	82	561894	73.985	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	261492	112.007	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1058450	71.816	ng	0.00
79) Terphenyl-d14	12.915	244	1127136	75.498	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.645	88	74405	29.414	ng	99
3) Pyridine	3.410	79	181985	29.486	ng	96
4) n-Nitrosodimethylamine	3.375	42	136958	41.554	ng	95
6) Aniline	6.457	93	204356	25.983	ng	# 1
8) 2-Chlorophenol	6.580	128	284238	42.783	ng	98
9) Benzaldehyde	6.345	77	73797	16.493	ng	98
10) Phenol	6.457	94	326203	38.844	ng	91
11) bis(2-Chloroethyl)ether	6.533	93	264883	41.476	ng	99
12) 1,3-Dichlorobenzene	6.733	146	279038	38.500	ng	98
13) 1,4-Dichlorobenzene	6.810	146	280310	37.852	ng	99
14) 1,2-Dichlorobenzene	6.963	146	269544	39.116	ng	98
15) Benzyl Alcohol	6.945	79	228672	43.088	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	430047	41.187	ng	97
17) 2-Methylphenol	7.057	107	225264	40.928	ng	98
18) Hexachloroethane	7.298	117	103645	38.538	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	193445	40.566	ng	96
20) 3+4-Methylphenols	7.210	107	269154	39.143	ng	# 77
22) Acetophenone	7.204	105	383501	39.370	ng	99
24) Nitrobenzene	7.380	77	292873	38.496	ng	95
25) Isophorone	7.616	82	533317	38.592	ng	99
26) 2-Nitrophenol	7.692	139	147483	40.518	ng	99
27) 2,4-Dimethylphenol	7.733	122	225029	50.780	ng	99
28) bis(2-Chloroethoxy)met...	7.827	93	328858	39.149	ng	100
29) 2,4-Dichlorophenol	7.933	162	225228	39.478	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	242312	38.120	ng	98
31) Naphthalene	8.092	128	807597	37.826	ng	100
32) Benzoic acid	7.880	122	180073	41.997	ng	97
33) 4-Chloroaniline	8.145	127	194184	24.633	ng	98
34) Hexachlorobutadiene	8.204	225	139027	35.998	ng	98
35) Caprolactam	8.527	113	42492	22.577	ng	95
36) 4-Chloro-3-methylphenol	8.639	107	253485	39.467	ng	99
37) 2-Methylnaphthalene	8.786	142	515848	37.542	ng	99
38) 1-Methylnaphthalene	8.886	142	487821	36.187	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	236111	38.460	ng	97
41) Hexachlorocyclopentadiene	8.933	237	191741	96.857	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	159809	40.590	ng	98

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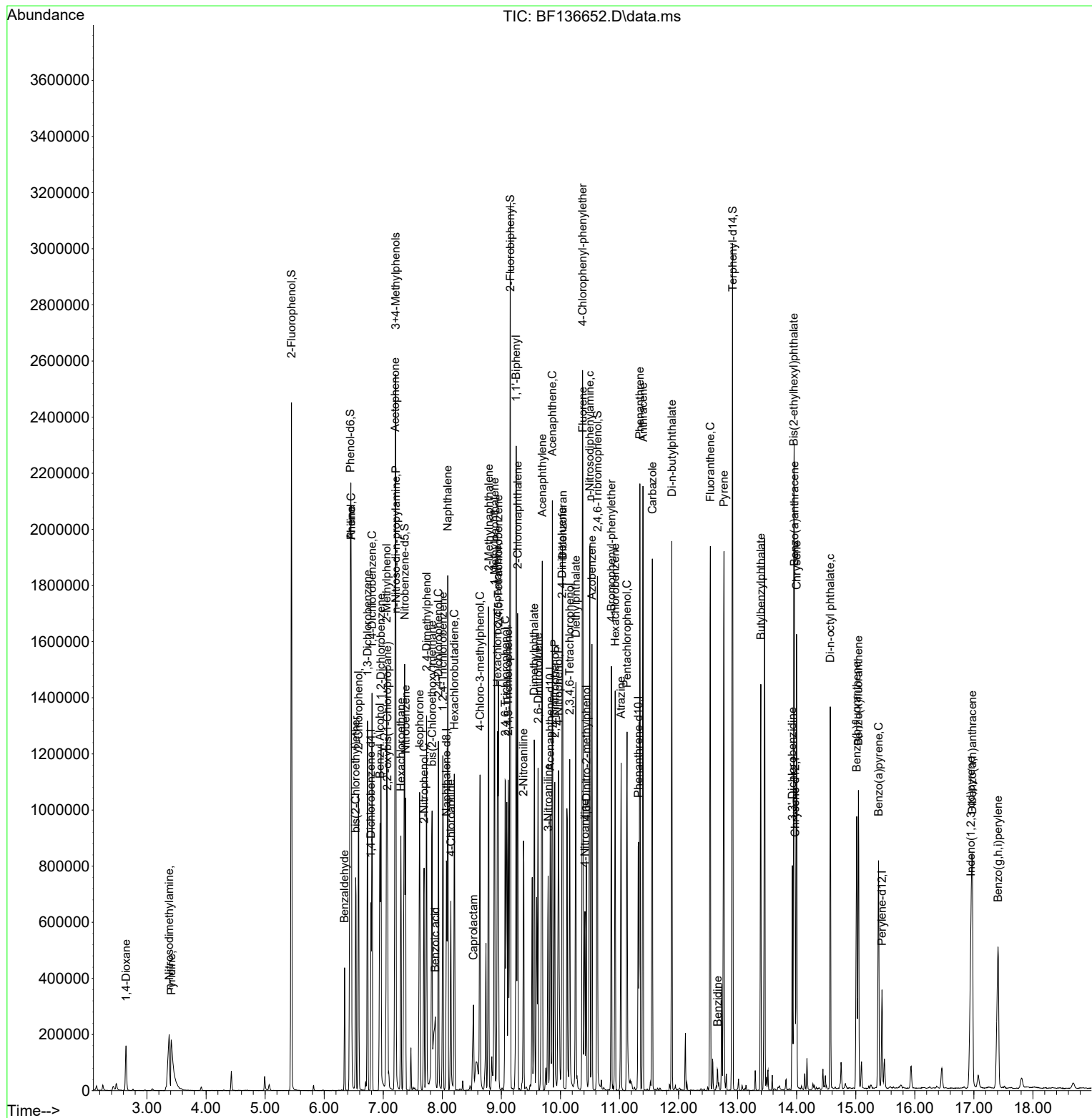
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	176257	40.174	ng	# 93
46) 1,1'-Biphenyl	9.251	154	642564	38.628	ng	99
47) 2-Chloronaphthalene	9.274	162	480890	38.028	ng	100
48) 2-Nitroaniline	9.374	65	165034	41.675	ng	99
49) Acenaphthylene	9.692	152	770477	39.861	ng	99
50) Dimethylphthalate	9.557	163	582465	40.228	ng	99
51) 2,6-Dinitrotoluene	9.621	165	125598	38.221	ng	88
52) Acenaphthene	9.863	154	460956	38.472	ng	99
53) 3-Nitroaniline	9.792	138	113944	32.733	ng	94
54) 2,4-Dinitrophenol	9.904	184	151802	83.196	ng	# 87
55) Dibenzofuran	10.039	168	692089	38.105	ng	99
56) 4-Nitrophenol	9.969	139	198066	84.288	ng	94
57) 2,4-Dinitrotoluene	10.027	165	163684	38.370	ng	94
58) Fluorene	10.380	166	558107	38.727	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	149065	44.137	ng	99
60) Diethylphthalate	10.263	149	591158	39.350	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	257911	36.819	ng	96
62) 4-Nitroaniline	10.416	138	132705	39.546	ng	95
63) Azobenzene	10.533	77	549620	39.170	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	95087	43.695	ng	96
66) n-Nitrosodiphenylamine	10.498	169	502343	40.725	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	165157	39.164	ng	99
68) Hexachlorobenzene	10.927	284	181454	38.612	ng	96
69) Atrazine	11.027	200	126787	40.187	ng	99
70) Pentachlorophenol	11.127	266	164464	75.081	ng	96
71) Phenanthrene	11.345	178	796533	40.883	ng	99
72) Anthracene	11.398	178	799049	40.496	ng	99
73) Carbazole	11.557	167	739195	39.735	ng	99
74) Di-n-butylphthalate	11.886	149	925185	40.756	ng	99
75) Fluoranthene	12.539	202	823800	39.529	ng	99
77) Benzidine	12.662	184	31998	5.202	ng	97
78) Pyrene	12.768	202	825723	40.317	ng	100
80) Butylbenzylphthalate	13.392	149	323712	43.438	ng	99
81) Benzo(a)anthracene	13.962	228	579726	40.016	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	164122	39.891	ng	100
83) Chrysene	13.998	228	553716	39.085	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	398791	42.531	ng	99
85) Di-n-octyl phthalate	14.568	149	618738	42.660	ng	99
87) Indeno(1,2,3-cd)pyrene	16.950	276	554947	48.793	ng	99
88) Benzo(b)fluoranthene	15.015	252	467428	44.427	ng	99
89) Benzo(k)fluoranthene	15.045	252	463212	46.593	ng	99
90) Benzo(a)pyrene	15.386	252	406794	45.805	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	463520	49.676	ng	97
92) Benzo(g,h,i)perylene	17.409	276	461370	48.277	ng	99

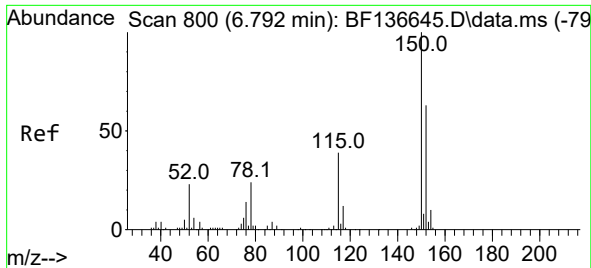
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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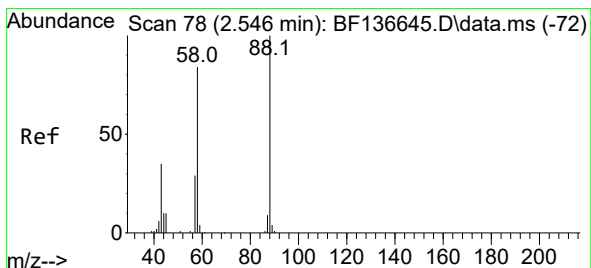
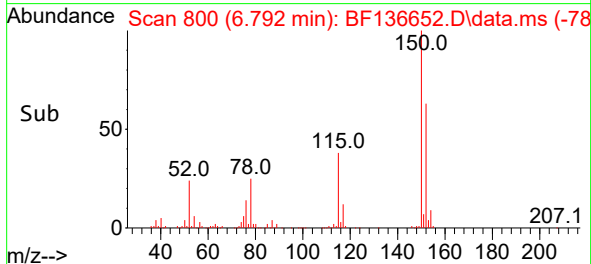
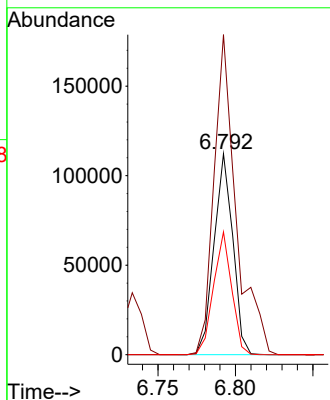
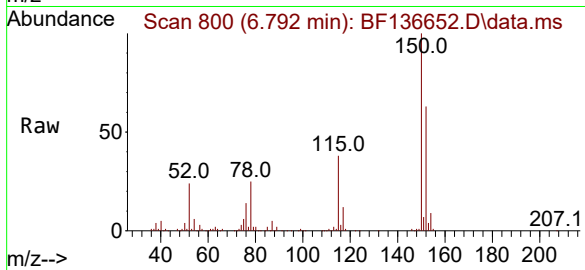




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

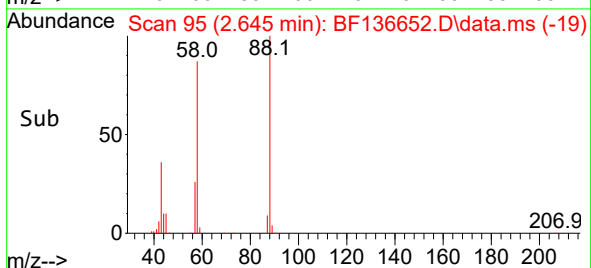
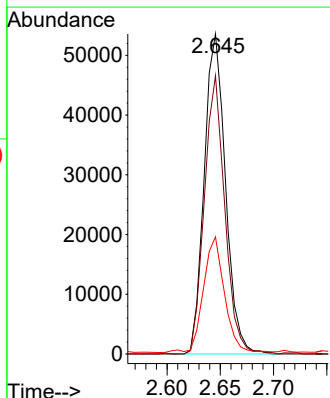
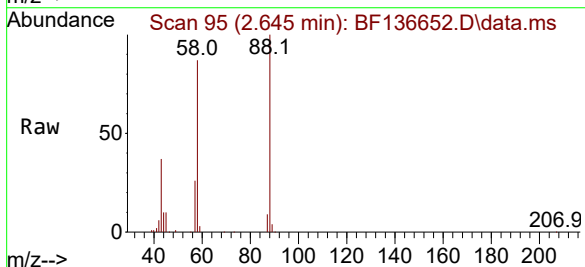
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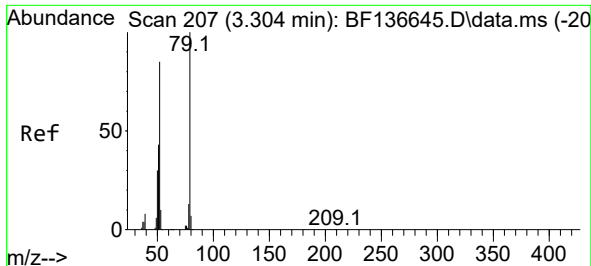
Tgt Ion:152 Resp: 94726
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.0 190.6
 115 61.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 29.414 ng
 RT: 2.645 min Scan# 95
 Delta R.T. 0.100 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion: 88 Resp: 74405
 Ion Ratio Lower Upper
 88 100
 58 83.7 67.4 101.0
 43 35.8 27.7 41.5

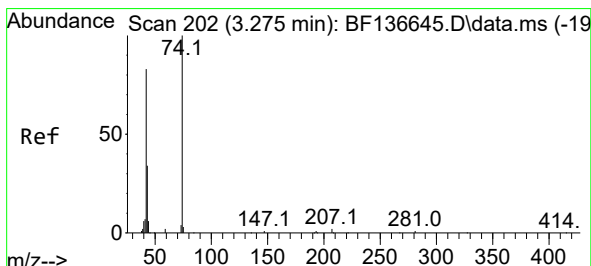
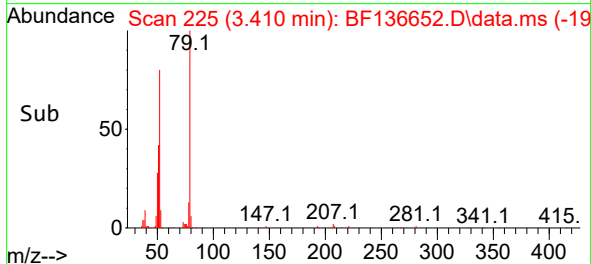
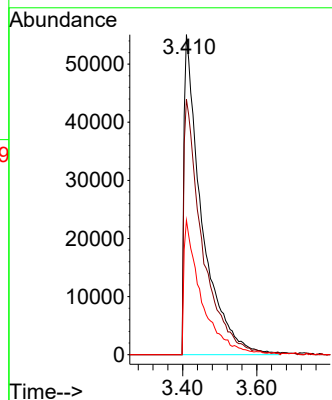
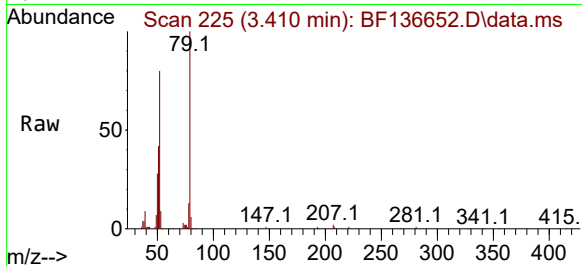




#3
 Pyridine
 Concen: 29.486 ng
 RT: 3.410 min Scan# 219
 Delta R.T. 0.106 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

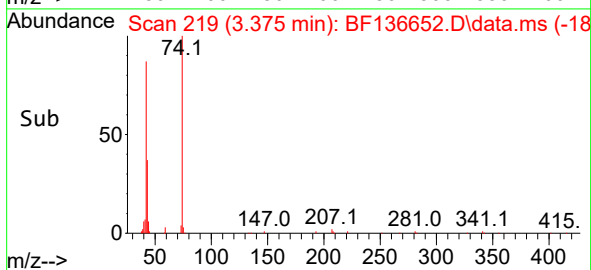
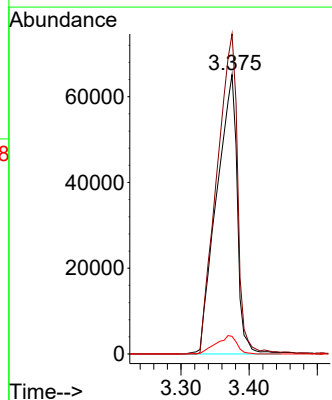
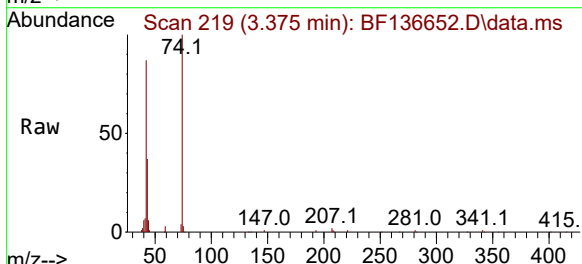
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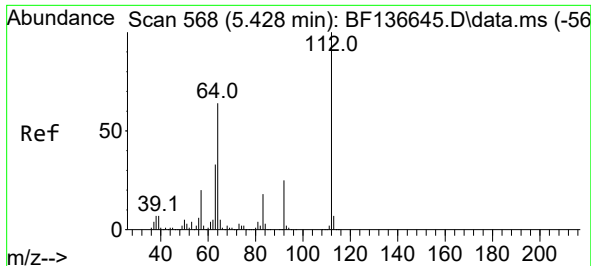
Tgt Ion: 79 Resp: 181985
 Ion Ratio Lower Upper
 79 100
 52 79.8 67.7 101.5
 51 42.0 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 41.554 ng
 RT: 3.375 min Scan# 219
 Delta R.T. 0.100 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion: 42 Resp: 136958
 Ion Ratio Lower Upper
 42 100
 74 114.6 96.0 144.0
 44 6.3 5.4 8.2

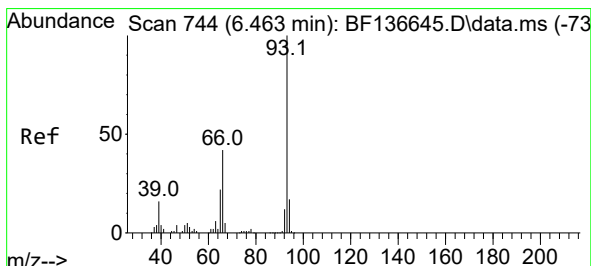
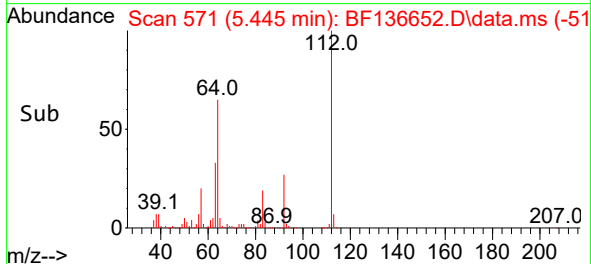
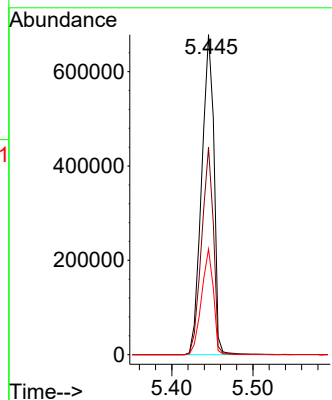
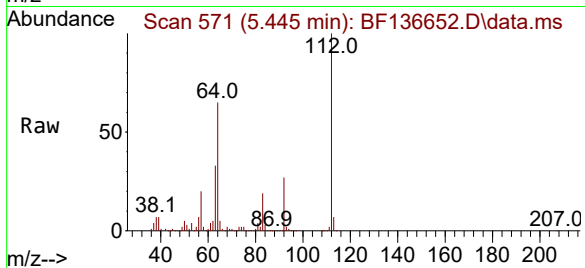




#5
2-Fluorophenol
Concen: 118.138 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

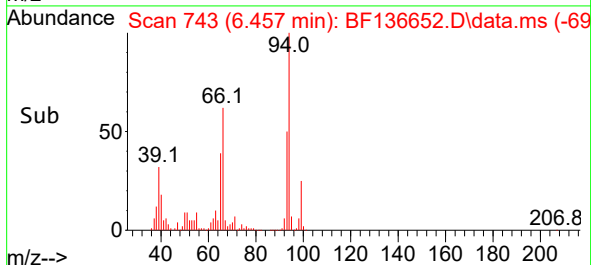
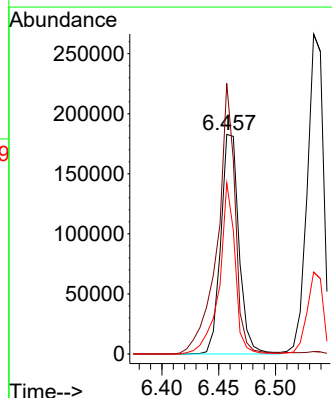
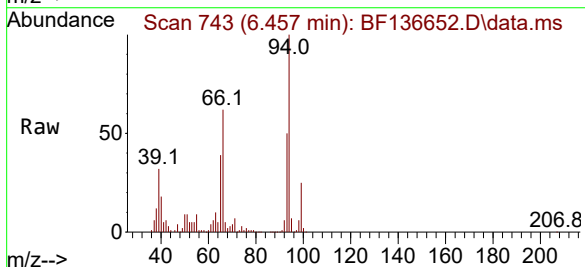
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ClientSampleId :
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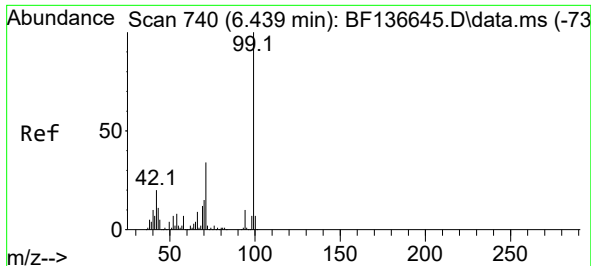
Tgt Ion:112 Resp: 717224
Ion Ratio Lower Upper
112 100
64 64.7 51.1 76.7
63 33.0 26.1 39.1



#6
Aniline
Concen: 25.983 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion: 93 Resp: 204356
Ion Ratio Lower Upper
93 100
66 123.3 34.6 51.8#
65 78.0 17.8 26.8#

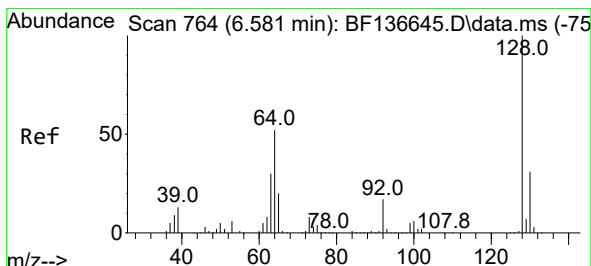
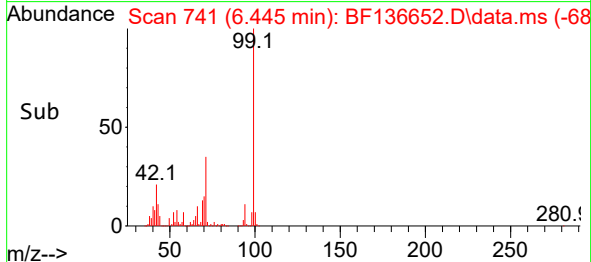
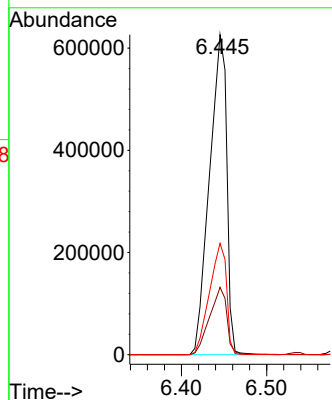
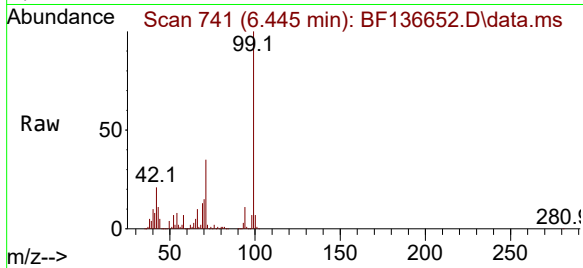




#7
Phenol-d6
Concen: 112.009 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

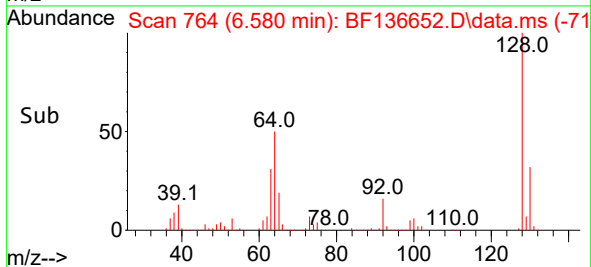
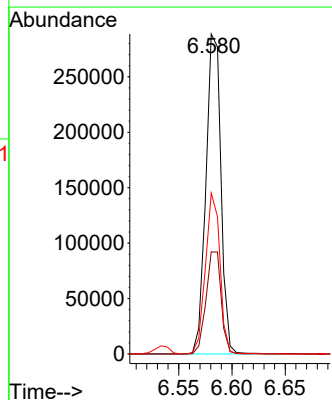
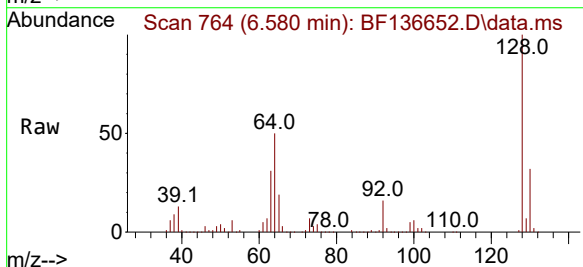
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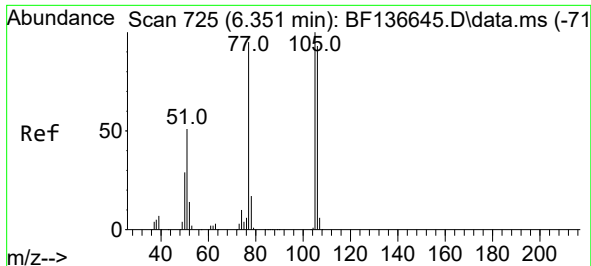
Tgt Ion: 99 Resp: 881132
Ion Ratio Lower Upper
99 100
42 21.0 16.1 24.1
71 34.8 27.4 41.2



#8
2-Chlorophenol
Concen: 42.783 ng
RT: 6.580 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:128 Resp: 284238
Ion Ratio Lower Upper
128 100
130 31.9 11.3 51.3
64 50.2 32.5 72.5

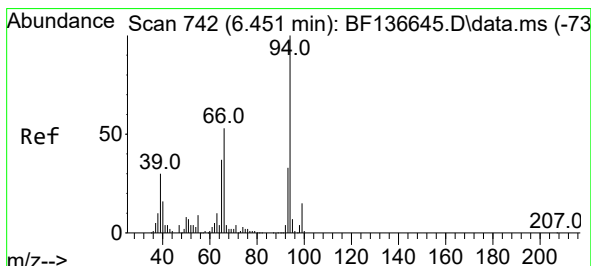
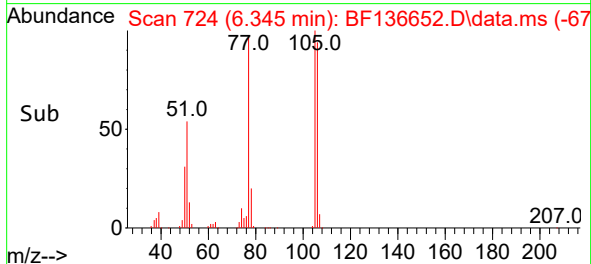
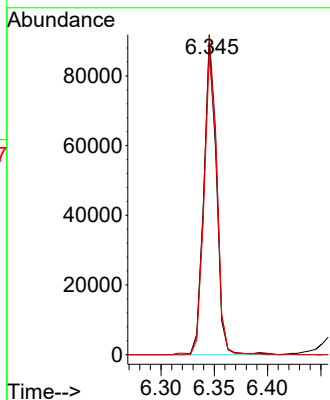
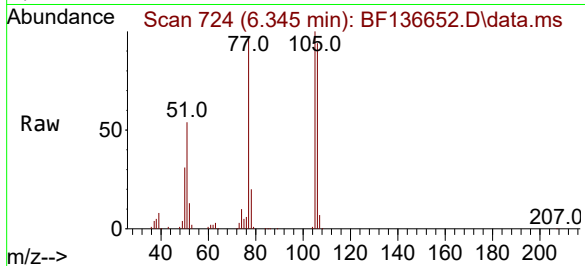




#9
Benzaldehyde
Concen: 16.493 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136652.D
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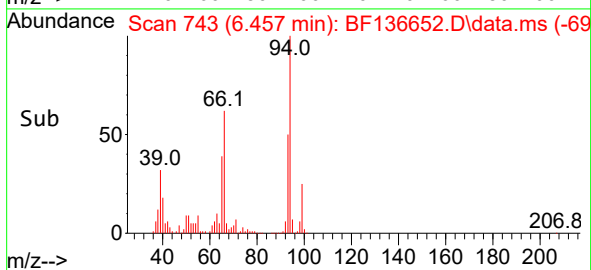
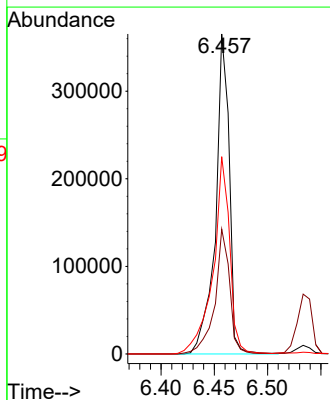
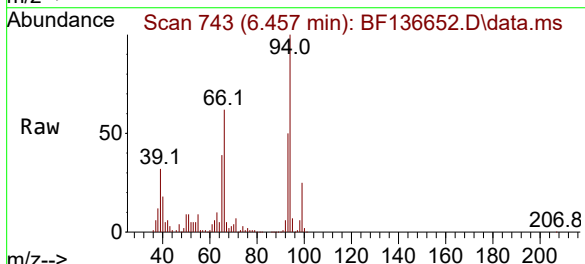
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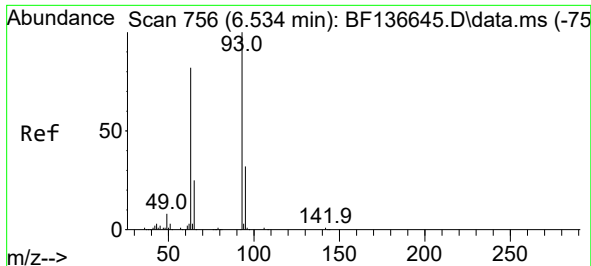
Tgt Ion: 77 Resp: 73797
Ion Ratio Lower Upper
77 100
105 102.7 84.8 124.8
106 96.1 77.8 117.8



#10
Phenol
Concen: 38.844 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion: 94 Resp: 326203
Ion Ratio Lower Upper
94 100
65 39.0 16.6 56.6
66 61.7 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 41.476 ng

RT: 6.533 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

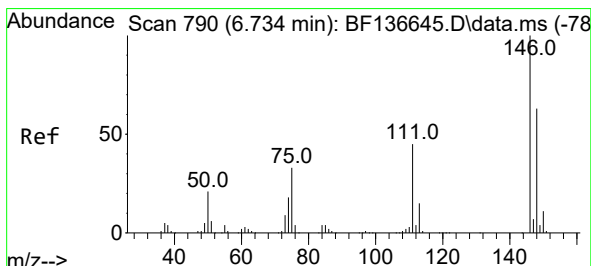
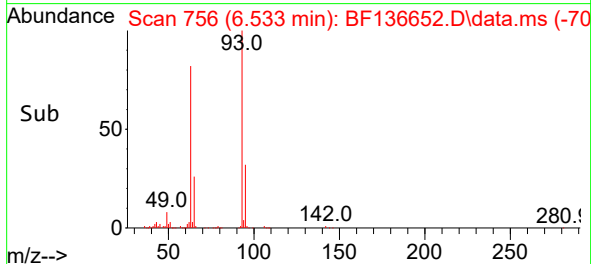
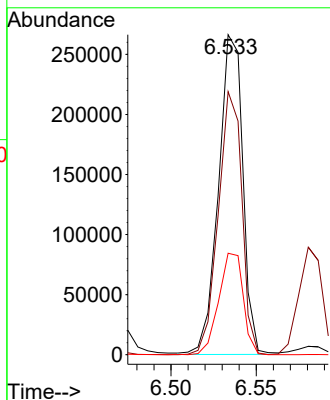
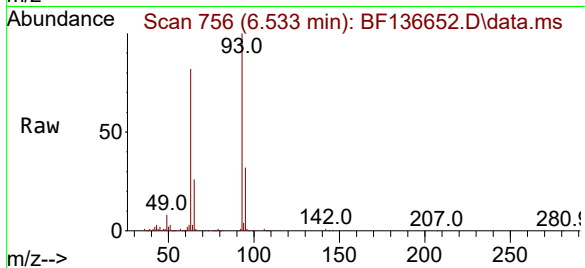
Tgt Ion: 93 Resp: 264883

Ion Ratio Lower Upper

93 100

63 82.2 61.2 101.2

95 31.7 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 38.500 ng

RT: 6.733 min Scan# 790

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

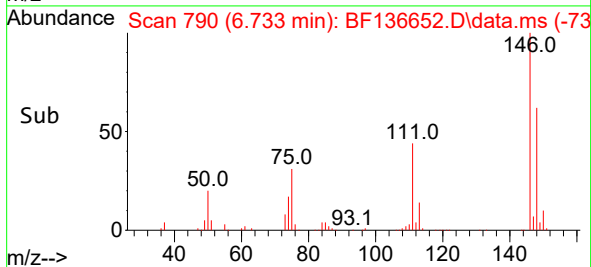
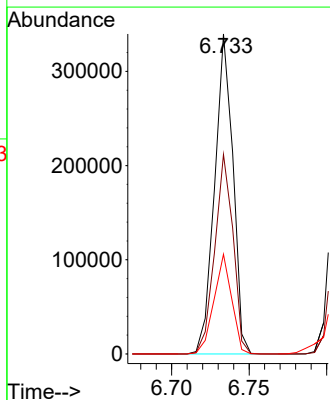
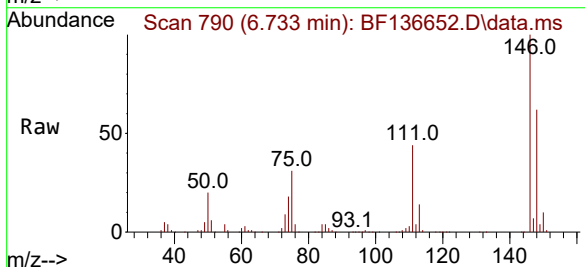
Tgt Ion: 146 Resp: 279038

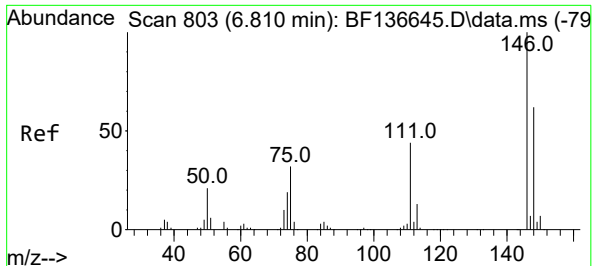
Ion Ratio Lower Upper

146 100

148 62.4 50.5 75.7

75 31.1 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 37.852 ng

RT: 6.810 min Scan# 803

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

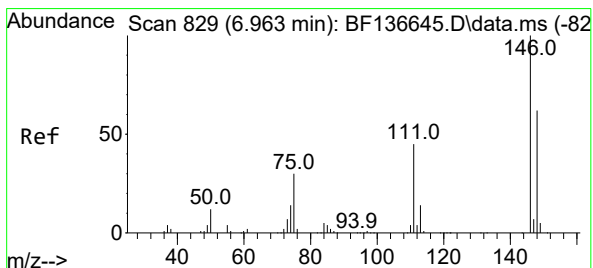
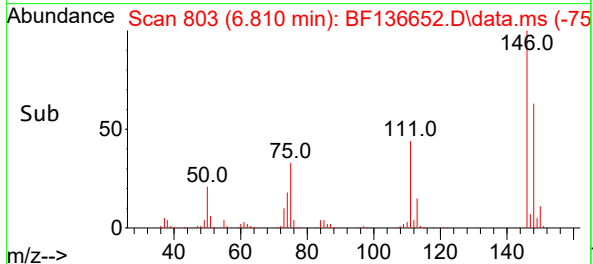
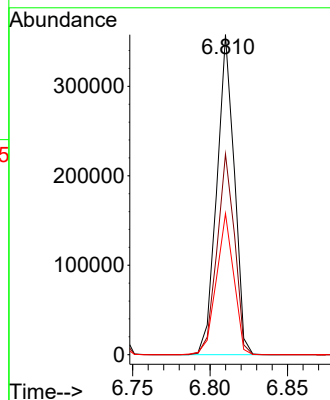
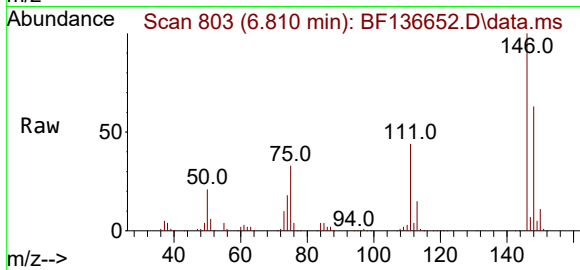
Tgt Ion:146 Resp: 280310

Ion Ratio Lower Upper

146 100

148 62.7 49.2 73.8

111 44.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.116 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

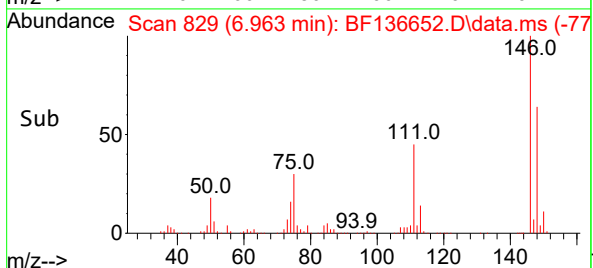
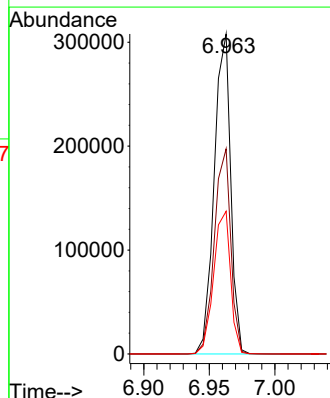
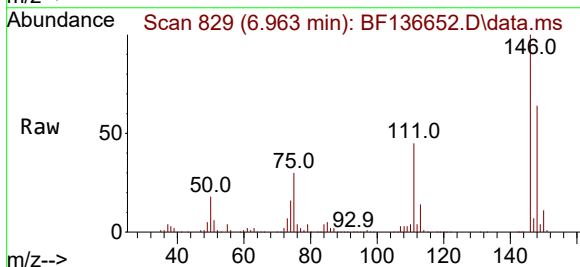
Tgt Ion:146 Resp: 269544

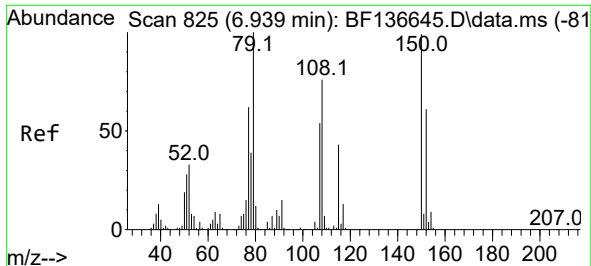
Ion Ratio Lower Upper

146 100

148 64.1 49.6 74.4

111 44.6 36.2 54.2

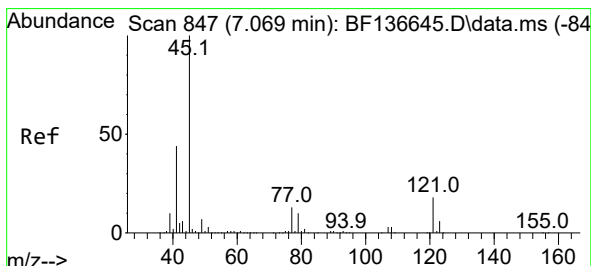
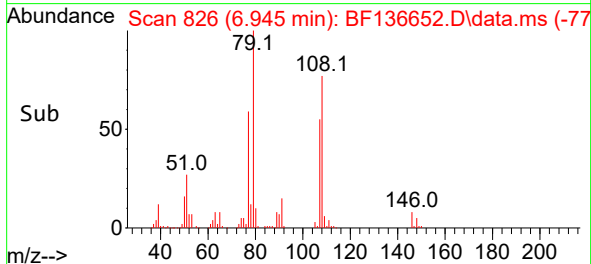
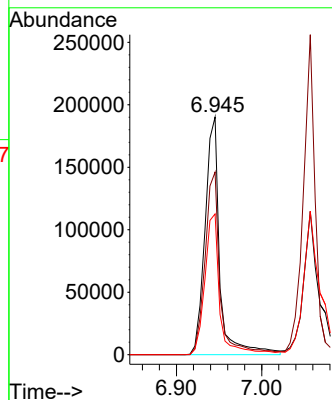
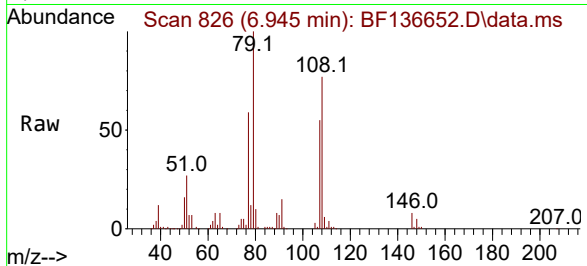




#15
Benzyl Alcohol
Concen: 43.088 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

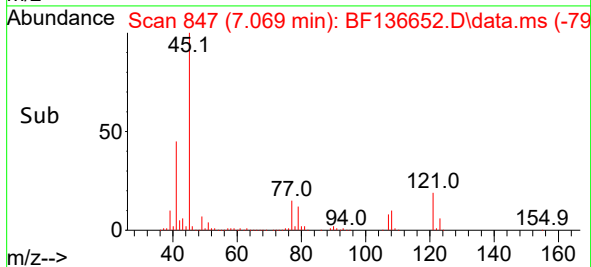
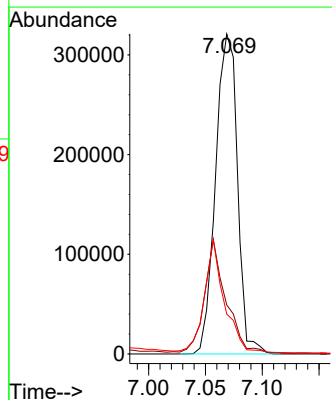
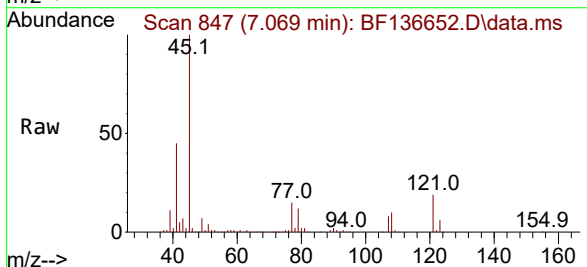
Instrument :
BNA_F
ClientSampleId :
PB157610BS

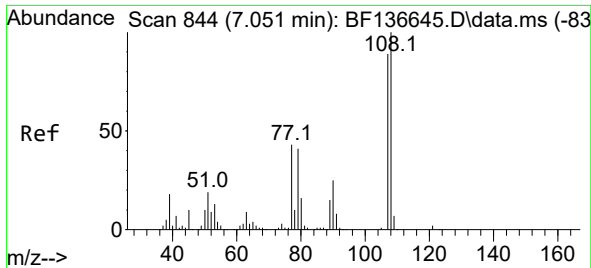
Tgt Ion: 79 Resp: 228672
Ion Ratio Lower Upper
79 100
108 76.8 61.0 91.6
77 59.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.187 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion: 45 Resp: 430047
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.3
79 12.4 0.0 31.4

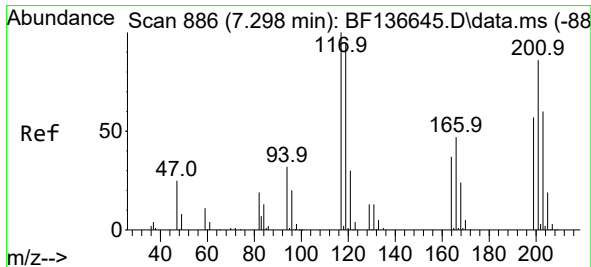
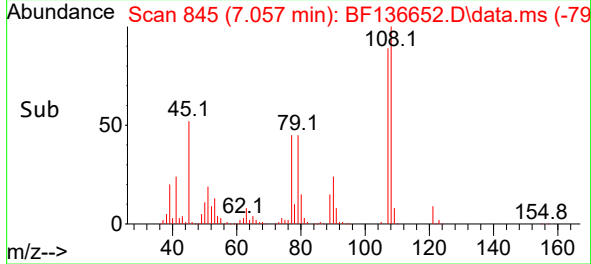
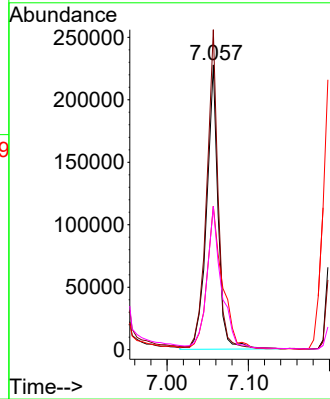
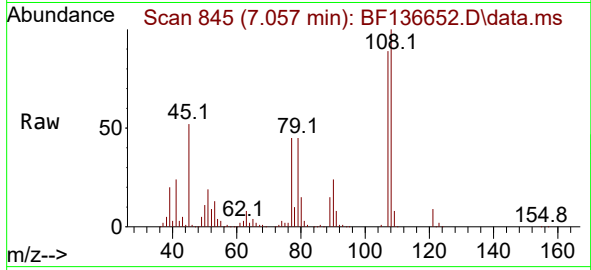




#17
2-Methylphenol
Concen: 40.928 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

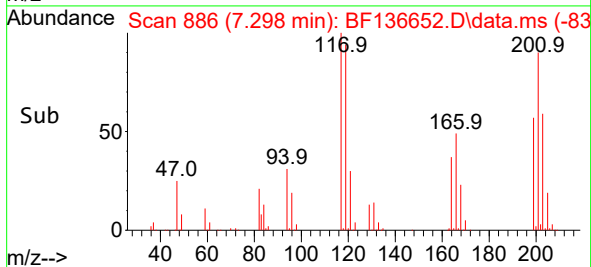
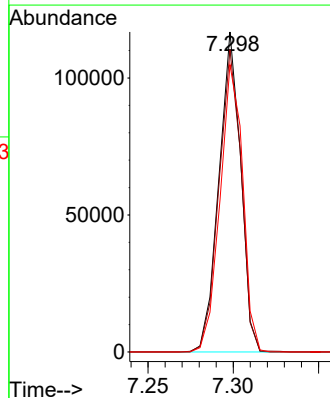
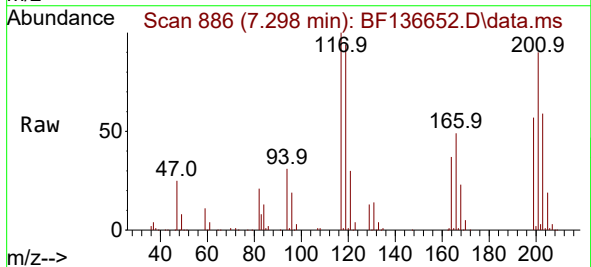
Instrument :
BNA_F
ClientSampleId :
PB157610BS

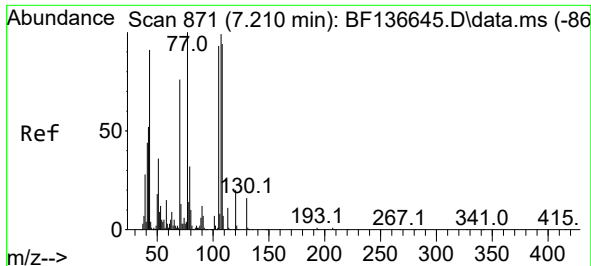
Tgt Ion:107 Resp: 225264
Ion Ratio Lower Upper
107 100
108 112.4 90.3 135.5
77 50.4 38.7 58.1
79 50.3 37.8 56.6



#18
Hexachloroethane
Concen: 38.538 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:117 Resp: 103645
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
201 89.8 69.1 103.7

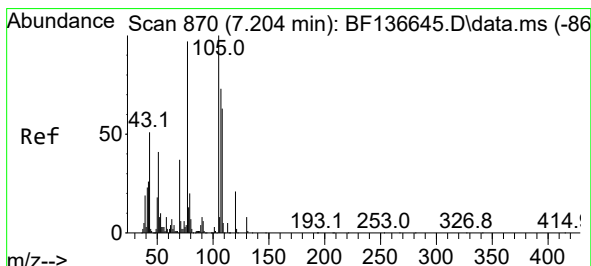
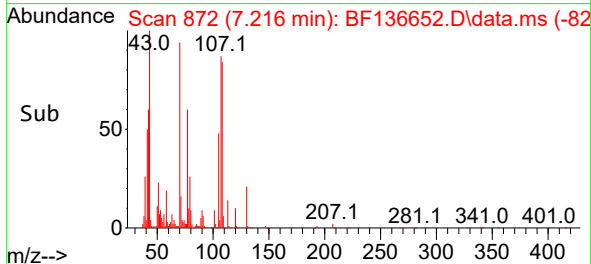
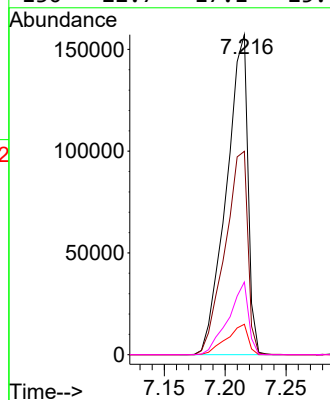
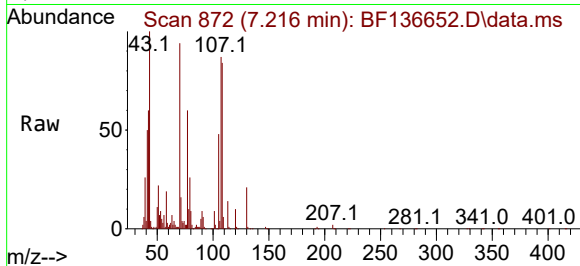




#19
n-Nitroso-di-n-propylamine
Concen: 40.566 ng
RT: 7.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

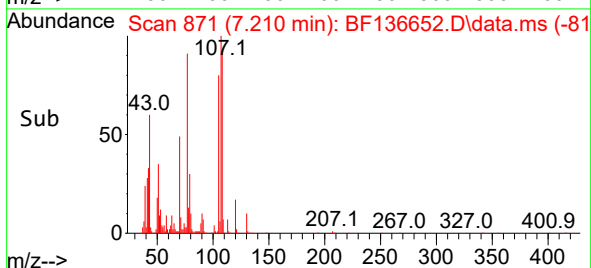
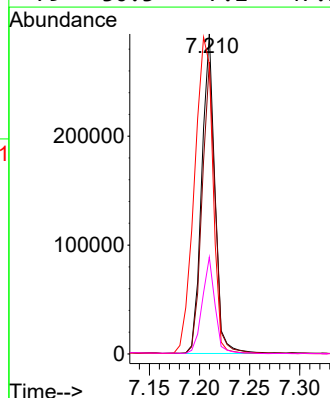
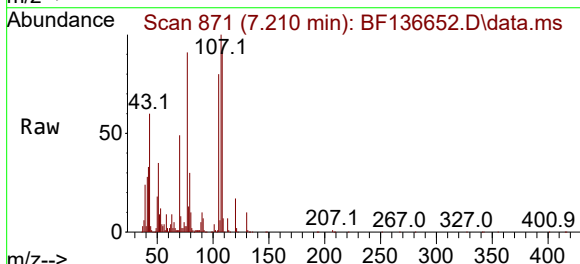
Instrument :
BNA_F
ClientSampleId :
PB157610BS

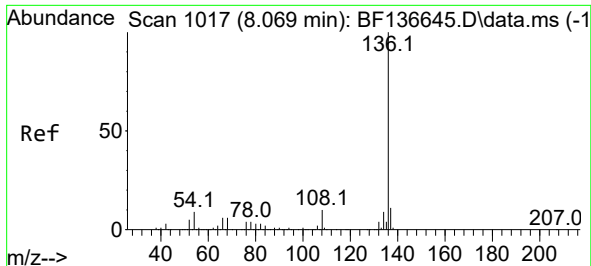
Tgt Ion:	70	Resp:	193445
Ion	Ratio	Lower	Upper
70	100		
42	63.6	54.2	81.4
101	9.5	7.6	11.4
130	22.7	17.1	25.7



#20
3+4-Methylphenols
Concen: 39.143 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:	107	Resp:	269154
Ion	Ratio	Lower	Upper
107	100		
108	91.2	66.0	106.0
77	90.6	114.2	154.2#
79	30.3	7.2	47.2

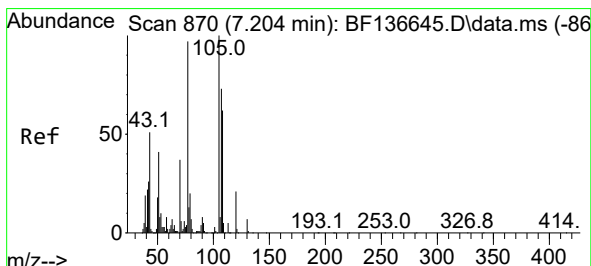
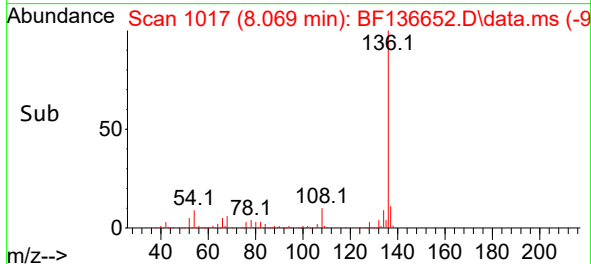
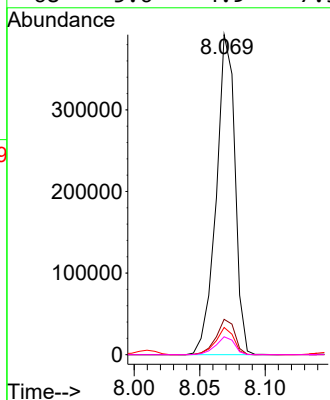
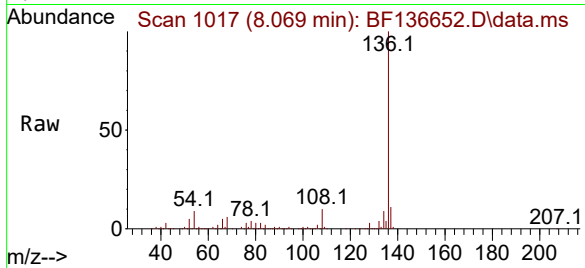




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

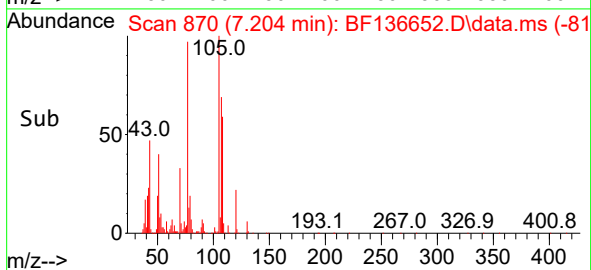
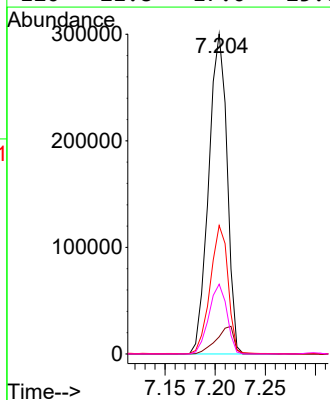
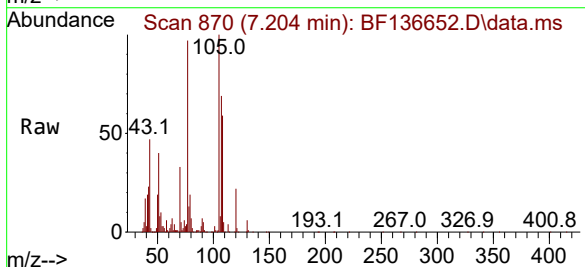
Instrument :
BNA_F
ClientSampleId :
PB157610BS

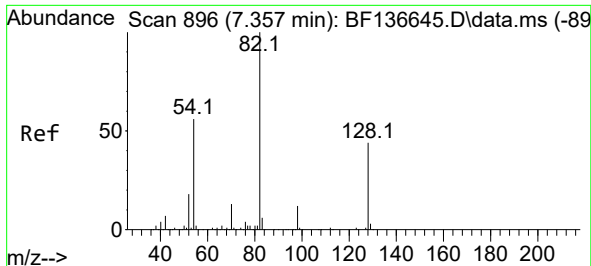
Tgt Ion:136 Resp: 388631
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.5 7.2 10.8
68 5.6 4.9 7.3



#22
Acetophenone
Concen: 39.370 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:105 Resp: 383501
Ion Ratio Lower Upper
105 100
71 5.4 4.8 7.2
51 40.2 32.8 49.2
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 73.985 ng

RT: 7.363 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

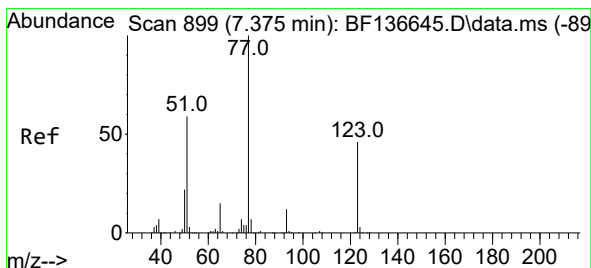
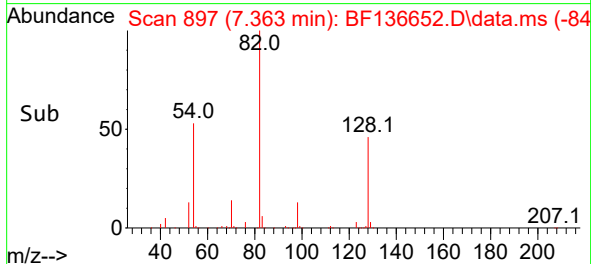
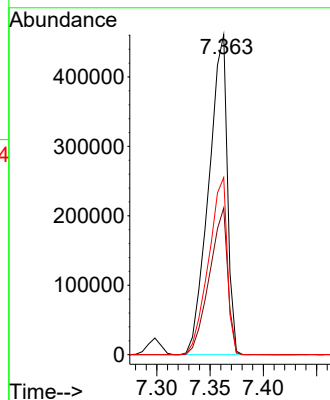
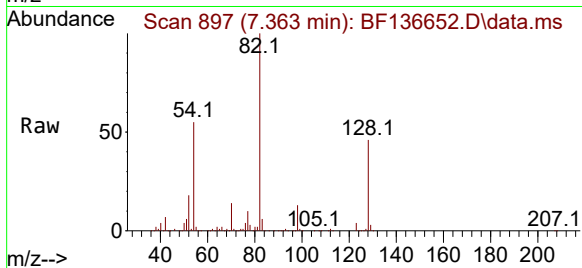
Tgt Ion: 82 Resp: 561894

Ion Ratio Lower Upper

82 100

128 45.8 35.3 52.9

54 55.4 44.5 66.7



#24

Nitrobenzene

Concen: 38.496 ng

RT: 7.380 min Scan# 900

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

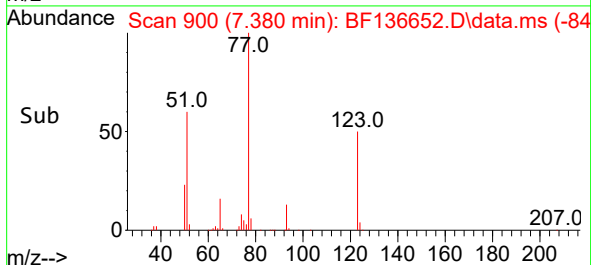
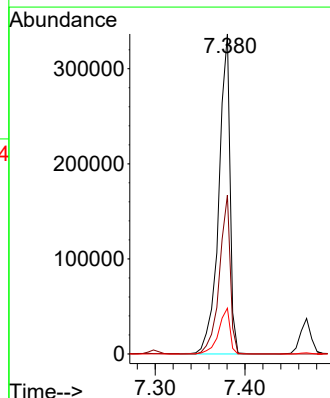
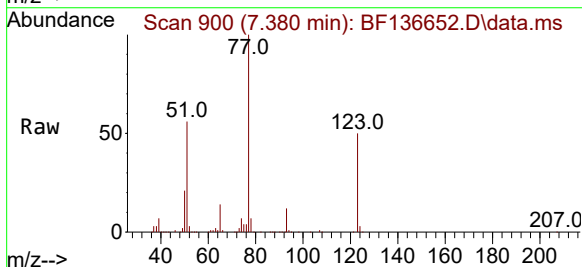
Tgt Ion: 77 Resp: 292873

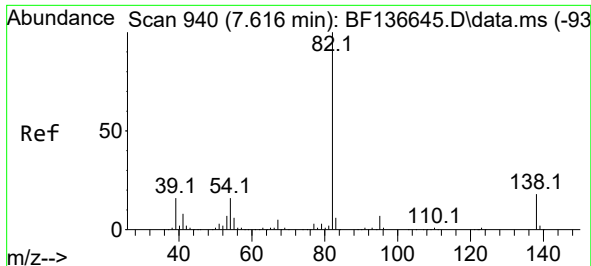
Ion Ratio Lower Upper

77 100

123 49.6 36.7 55.1

65 14.3 11.8 17.6

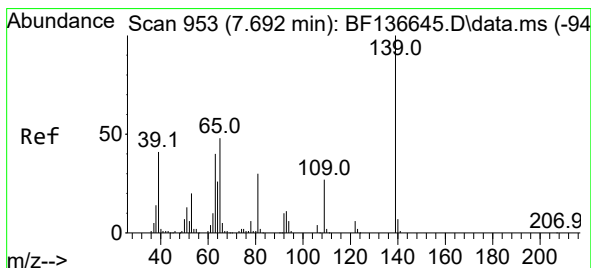
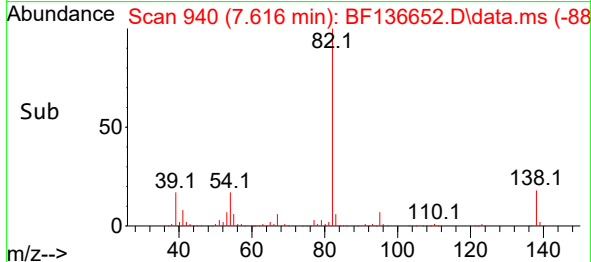
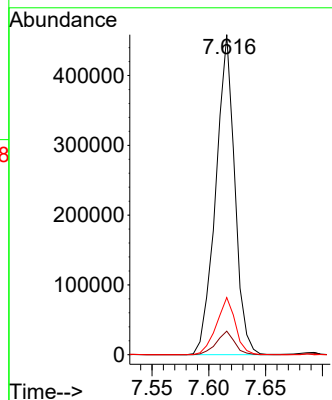
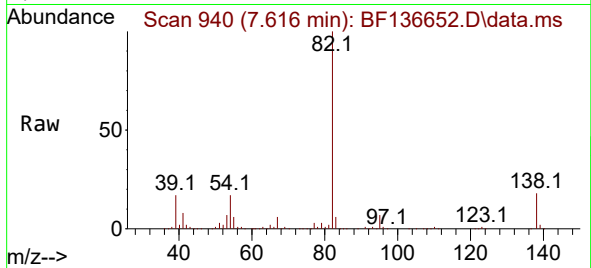




#25
Isophorone
Concen: 38.592 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

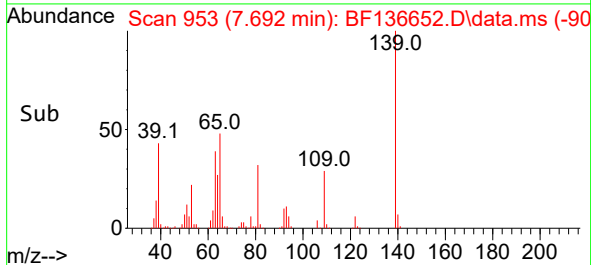
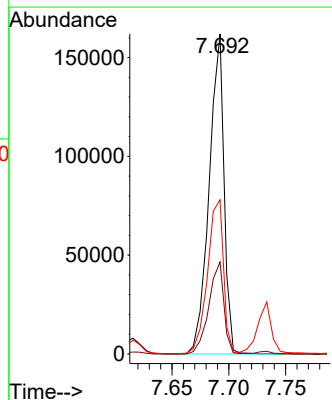
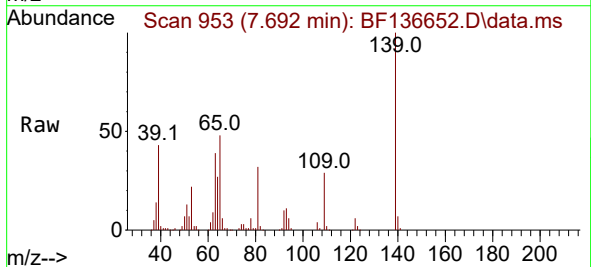
Instrument :
BNA_F
ClientSampleId :
PB157610BS

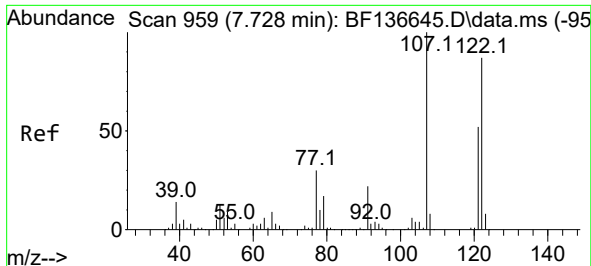
Tgt Ion: 82 Resp: 533317
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 17.9 14.5 21.7



#26
2-Nitrophenol
Concen: 40.518 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:139 Resp: 147483
Ion Ratio Lower Upper
139 100
109 28.8 21.9 32.9
65 48.2 38.6 58.0

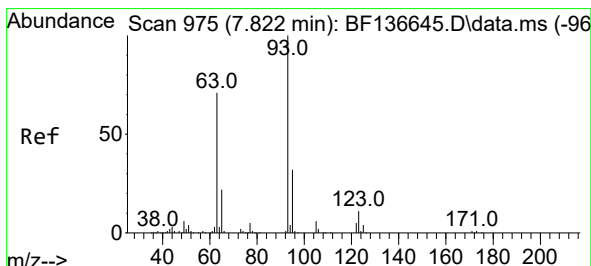
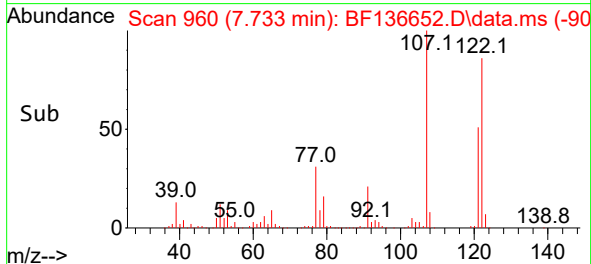
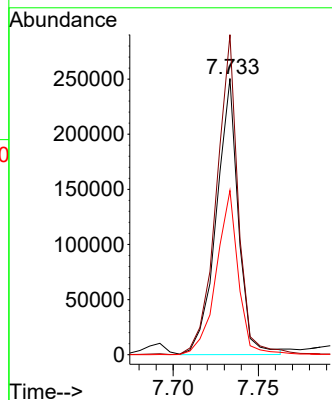
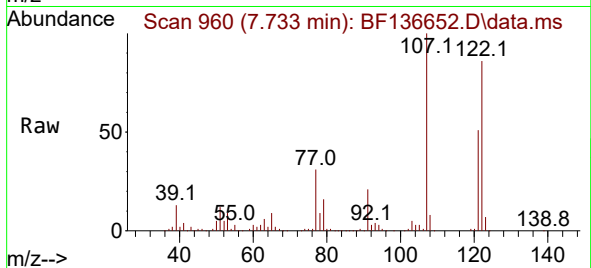




#27
2,4-Dimethylphenol
Concen: 50.780 ng
RT: 7.733 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

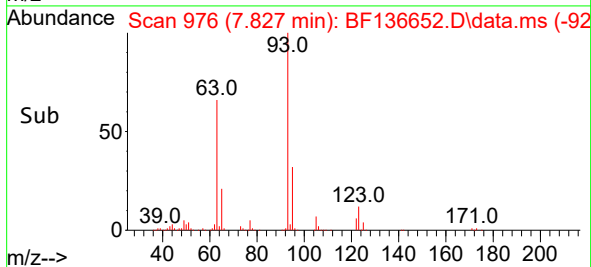
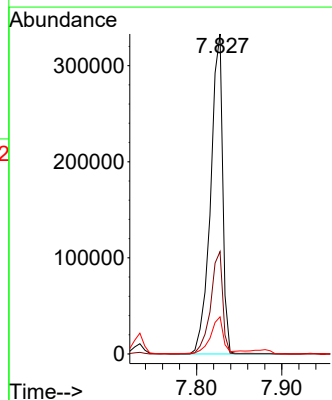
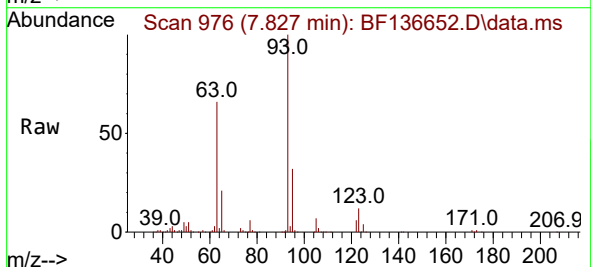
Instrument :
BNA_F
ClientSampleId :
PB157610BS

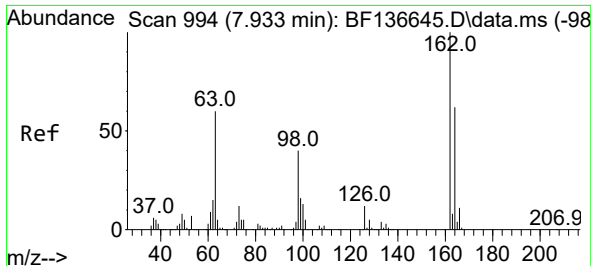
Tgt Ion:122 Resp: 225029
Ion Ratio Lower Upper
122 100
107 115.9 92.0 138.0
121 59.5 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.149 ng
RT: 7.827 min Scan# 976
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion: 93 Resp: 328858
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 11.6 9.2 13.8

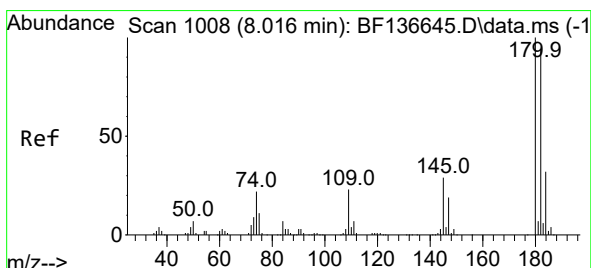
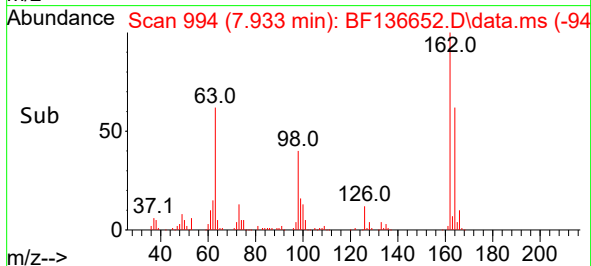
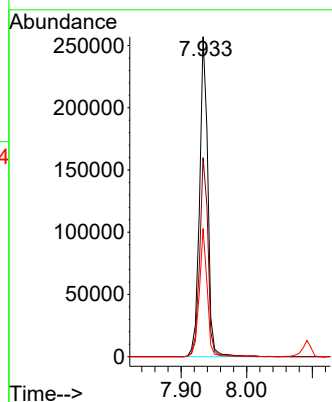
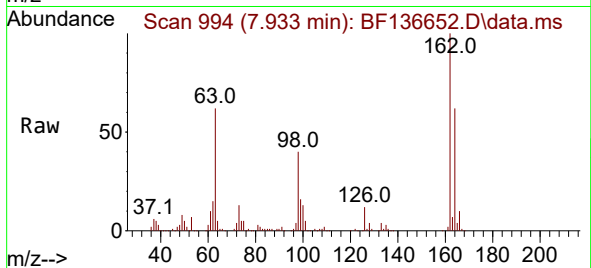




#29
2,4-Dichlorophenol
Concen: 39.478 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

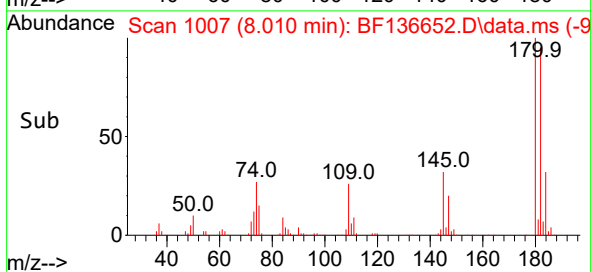
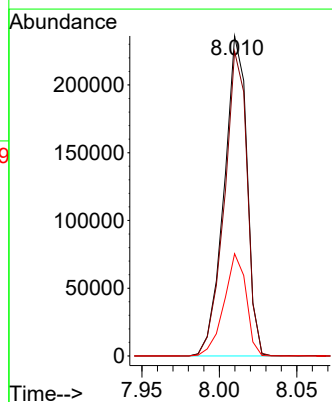
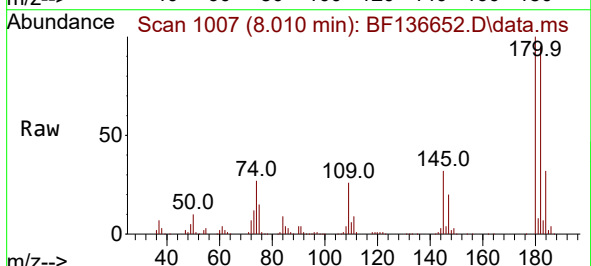
Instrument :
BNA_F
ClientSampleId :
PB157610BS

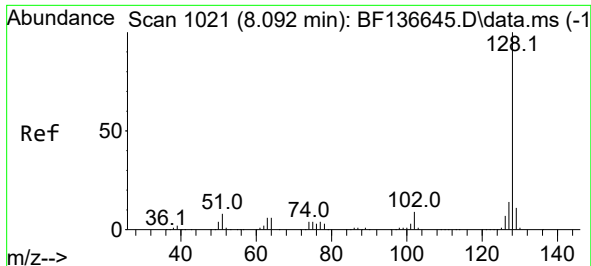
Tgt Ion:162 Resp: 225228
Ion Ratio Lower Upper
162 100
164 62.2 41.7 81.7
98 40.0 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.120 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:180 Resp: 242312
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
145 32.0 23.1 34.7

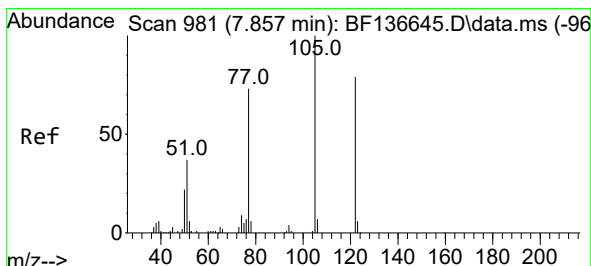
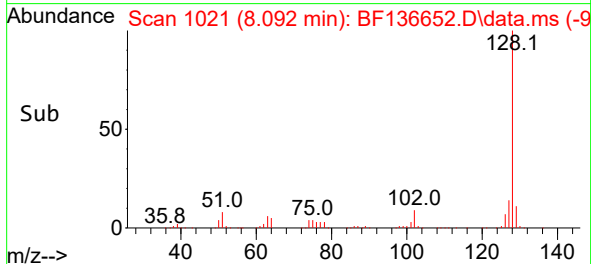
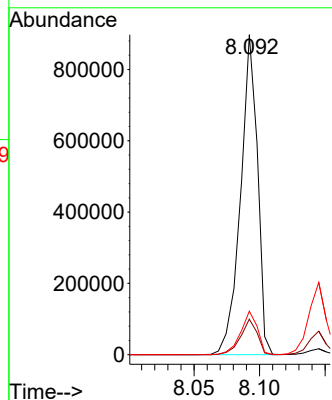
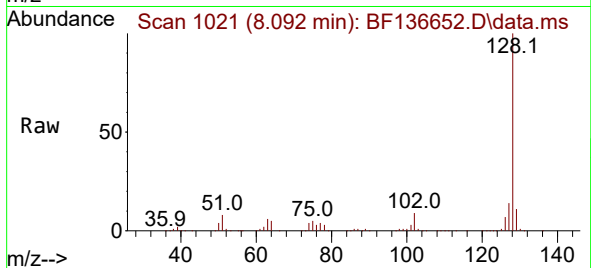




#31
Naphthalene
Concen: 37.826 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

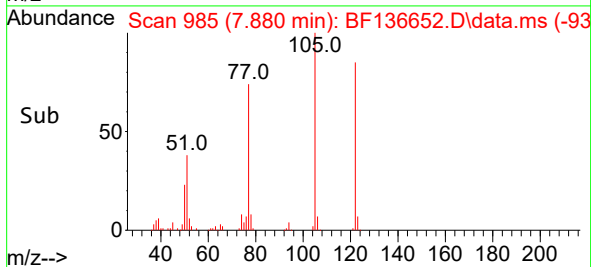
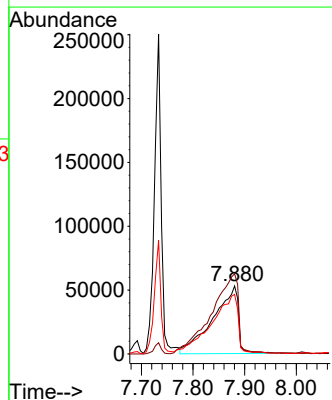
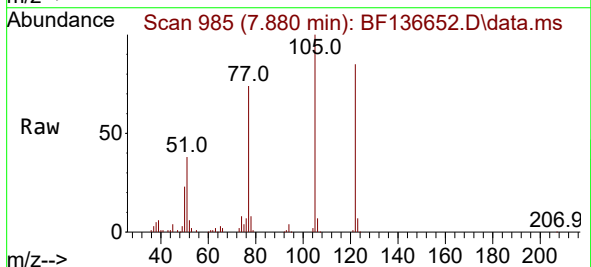
Instrument :
BNA_F
ClientSampleId :
PB157610BS

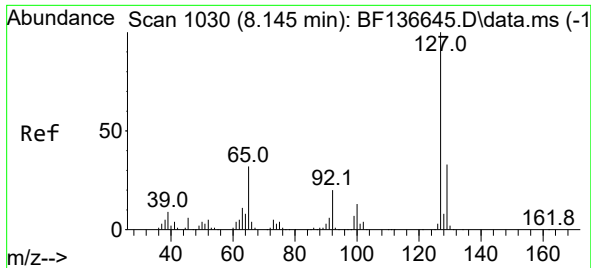
Tgt Ion:128 Resp: 807597
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 41.997 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.023 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:122 Resp: 180073
Ion Ratio Lower Upper
122 100
105 117.8 100.8 140.8
77 87.5 70.9 110.9

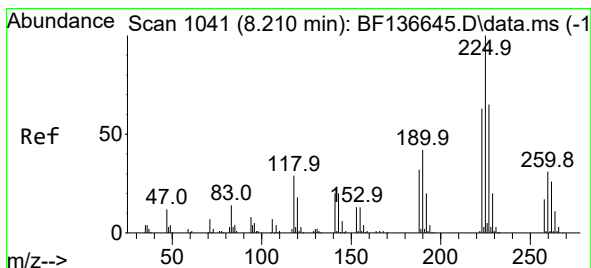
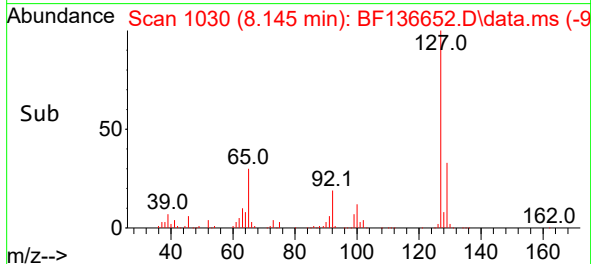
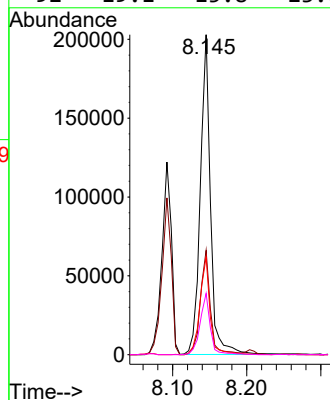
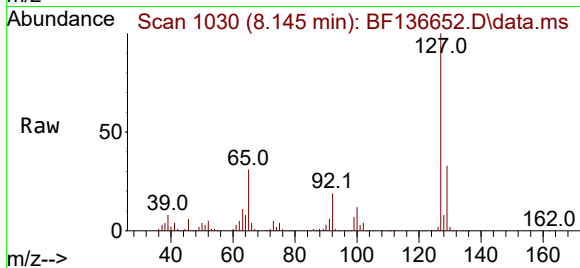




#33
4-Chloroaniline
Concen: 24.633 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

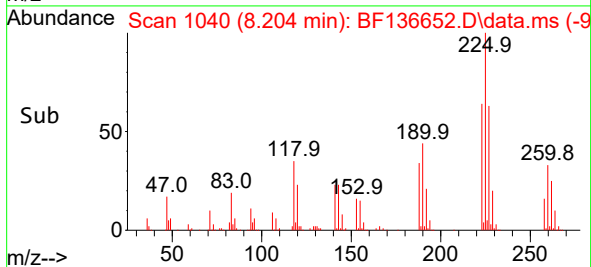
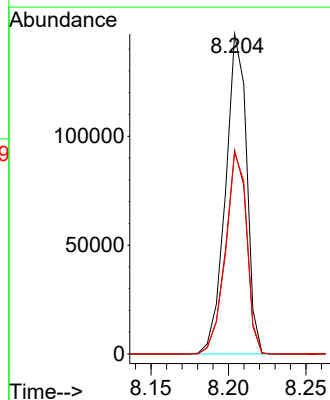
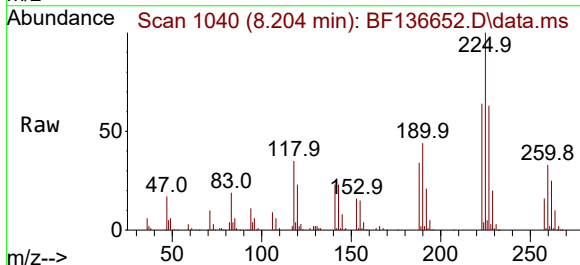
Instrument :
BNA_F
ClientSampleId :
PB157610BS

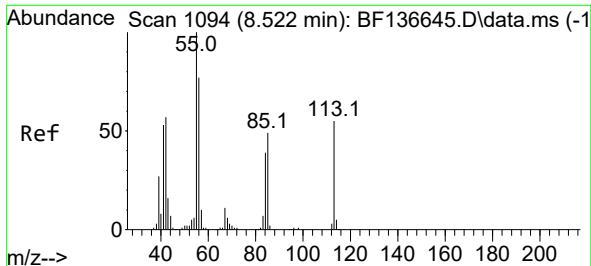
Tgt Ion:127	Resp: 194184
Ion Ratio	Lower Upper
127 100	
129 32.6	26.3 39.5
65 30.5	25.8 38.8
92 19.1	15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.998 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:225	Resp: 139027
Ion Ratio	Lower Upper
225 100	
223 63.7	50.6 76.0
227 62.9	51.9 77.9

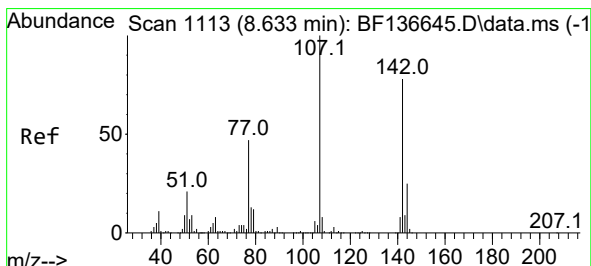
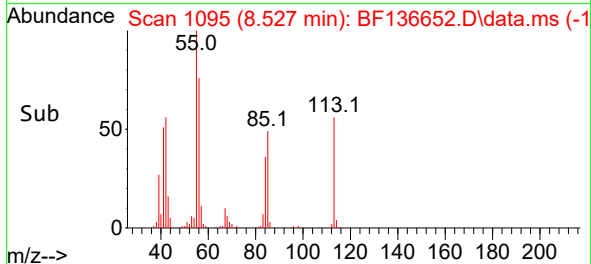
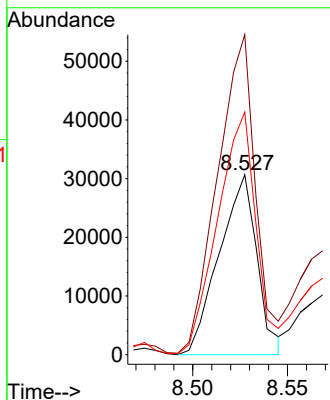
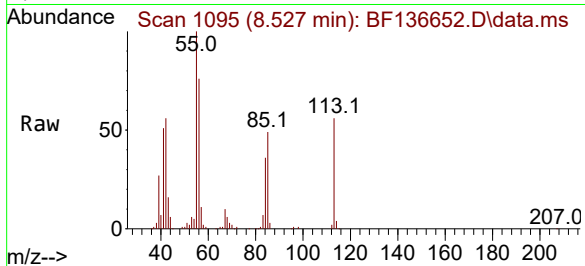




#35
Caprolactam
Concen: 22.577 ng
RT: 8.527 min Scan# 1094
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

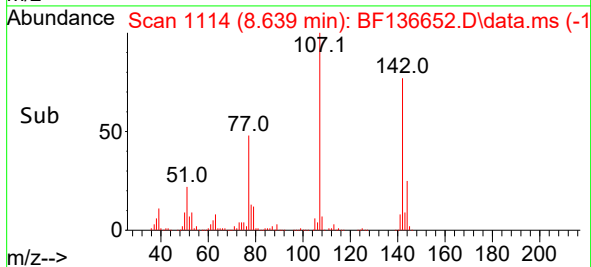
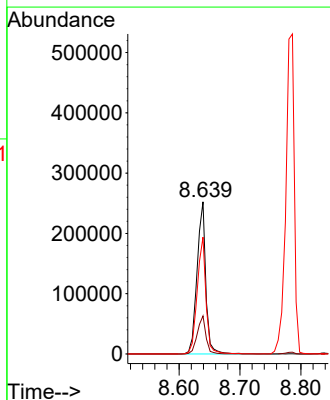
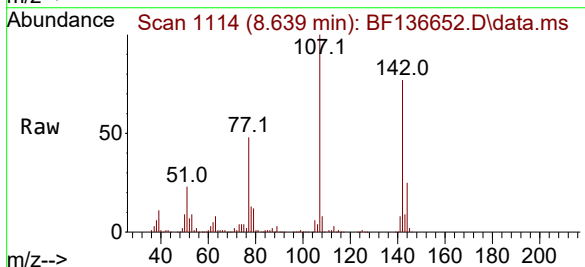
Instrument :
BNA_F
ClientSampleId :
PB157610BS

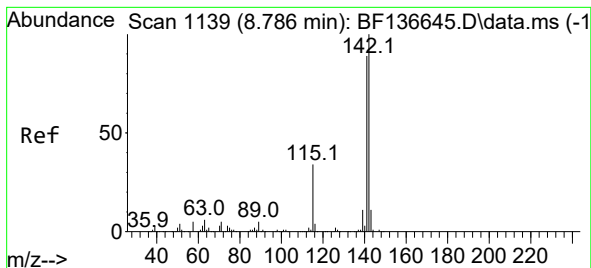
Tgt Ion:113 Resp: 42492
Ion Ratio Lower Upper
113 100
55 177.8 163.1 203.1
56 134.8 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 39.467 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:107 Resp: 253485
Ion Ratio Lower Upper
107 100
144 25.0 20.2 30.2
142 76.8 62.3 93.5

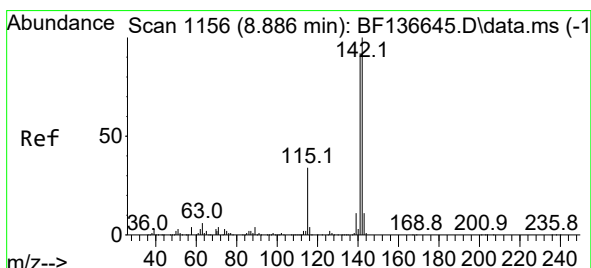
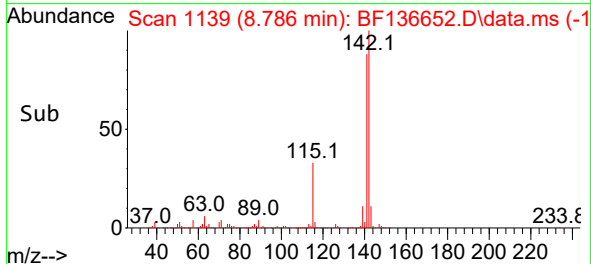
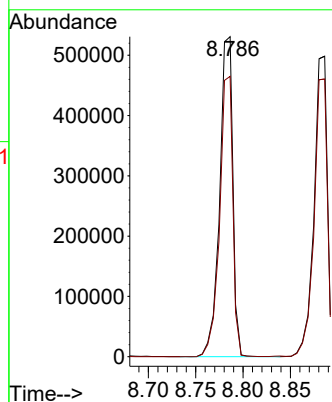
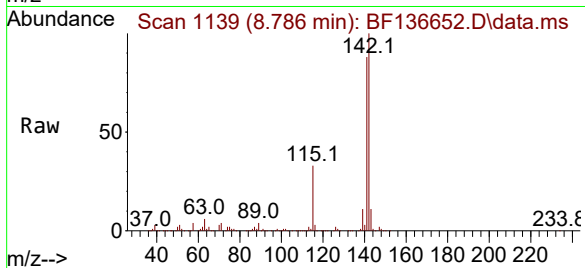




#37
2-Methylnaphthalene
Concen: 37.542 ng
RT: 8.786 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

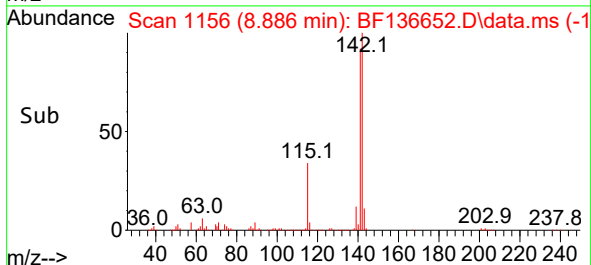
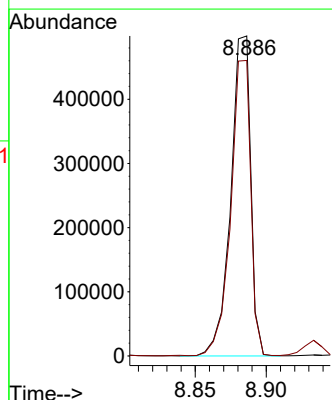
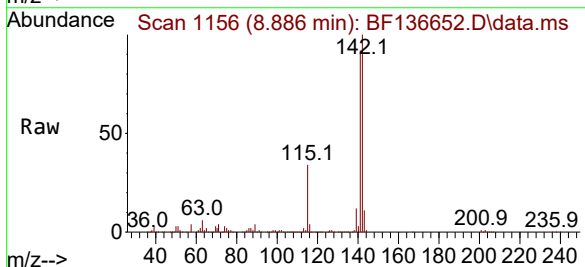
Instrument :
BNA_F
ClientSampleId :
PB157610BS

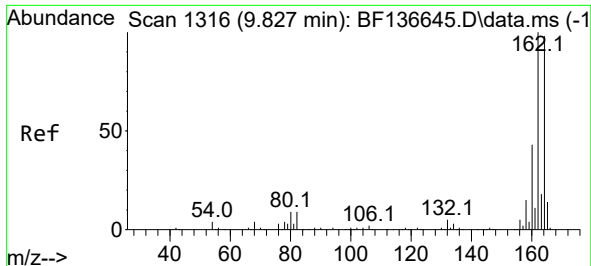
Tgt Ion:142 Resp: 515848
Ion Ratio Lower Upper
142 100
141 87.6 71.1 106.7



#38
1-Methylnaphthalene
Concen: 36.187 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:142 Resp: 487821
Ion Ratio Lower Upper
142 100
141 92.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF136652.D

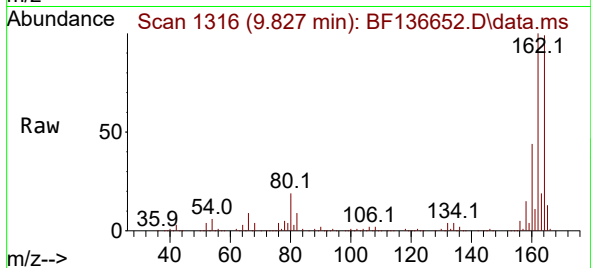
Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS



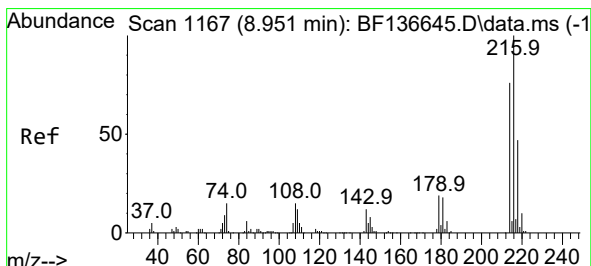
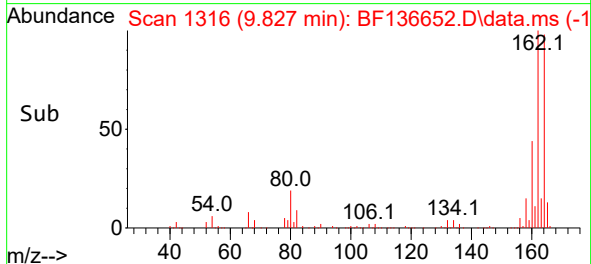
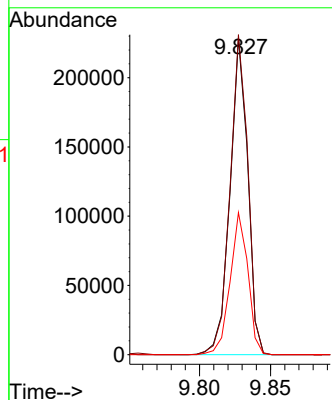
Tgt Ion:164 Resp: 198230

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 44.9 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.460 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Tgt Ion:216 Resp: 236111

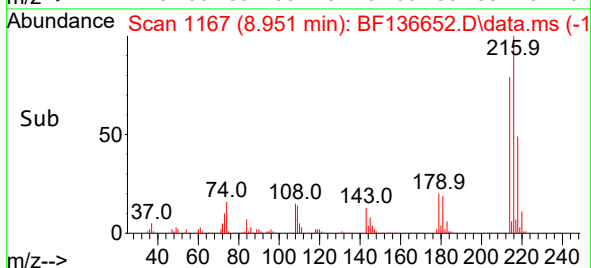
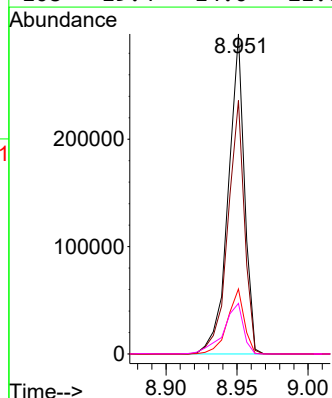
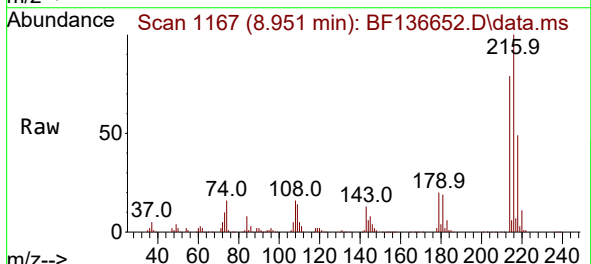
Ion Ratio Lower Upper

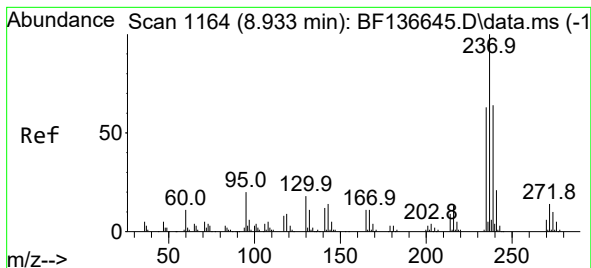
216 100

214 80.7 62.3 93.5

179 20.9 16.4 24.6

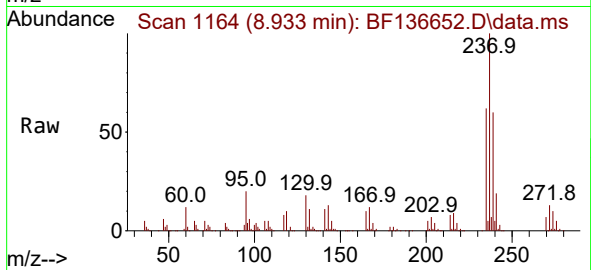
108 19.4 14.0 21.0



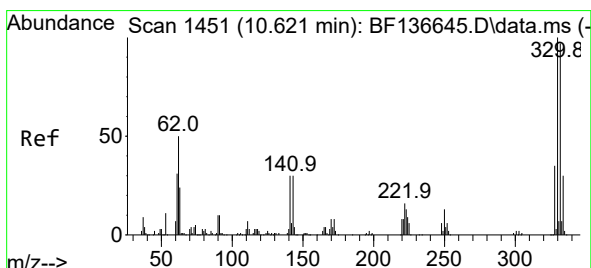
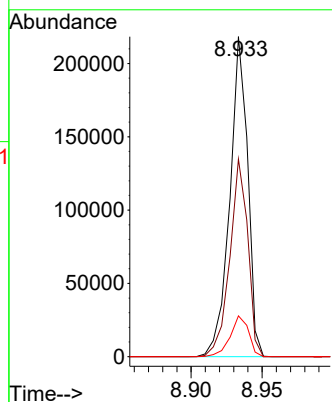
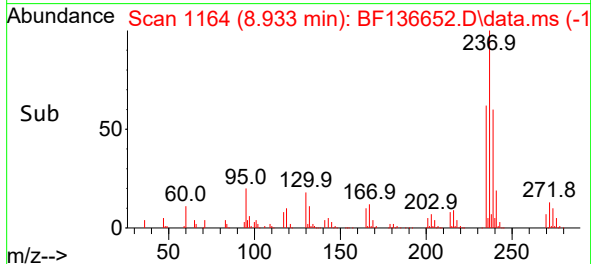


#41
Hexachlorocyclopentadiene
Concen: 96.857 ng
RT: 8.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

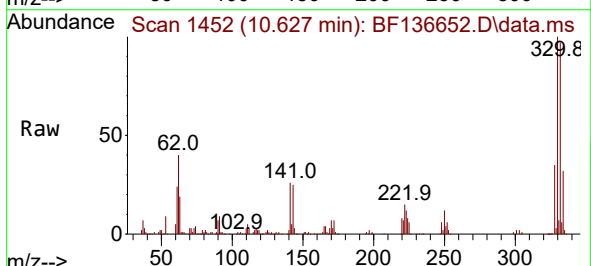
Instrument :
BNA_F
ClientSampleId :
PB157610BS



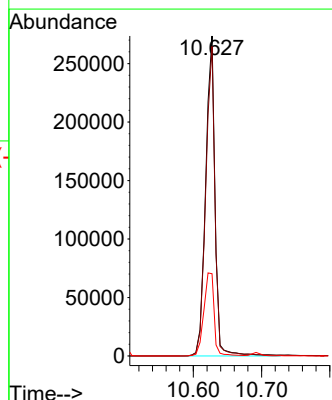
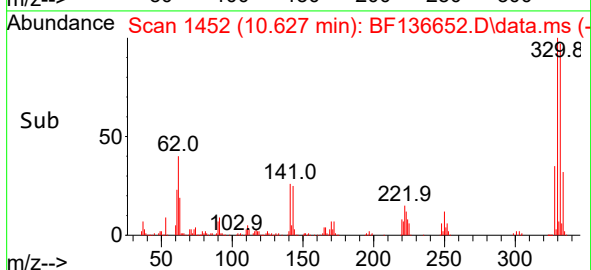
Tgt Ion:237 Resp: 191741
Ion Ratio Lower Upper
237 100
235 61.8 43.2 83.2
272 12.8 0.0 34.2

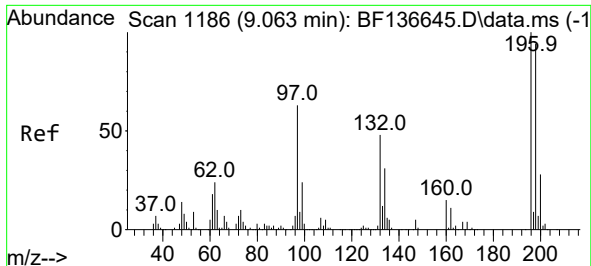


#42
2,4,6-Tribromophenol
Concen: 112.007 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30



Tgt Ion:330 Resp: 261492
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 28.6 23.4 35.2

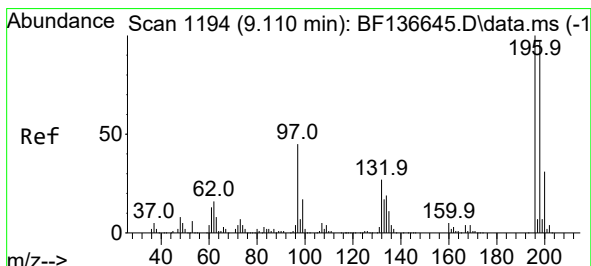
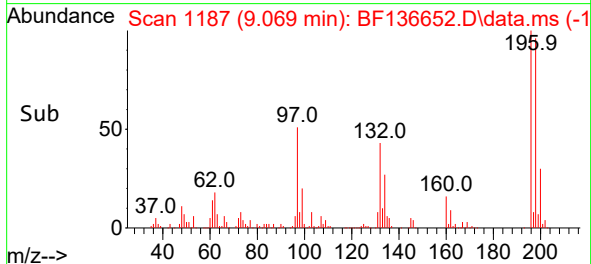
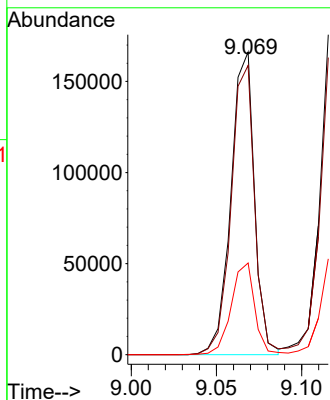
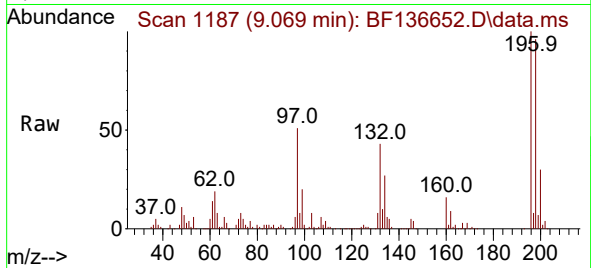




#43
2,4,6-Trichlorophenol
Concen: 40.590 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

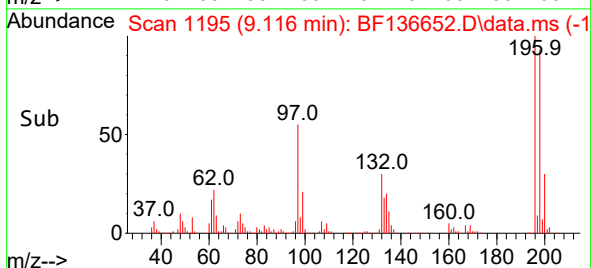
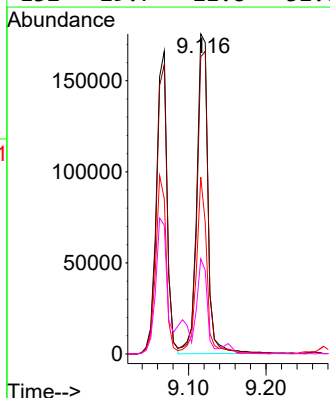
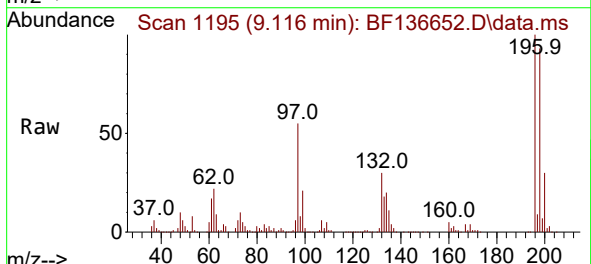
Instrument :
BNA_F
ClientSampleId :
PB157610BS

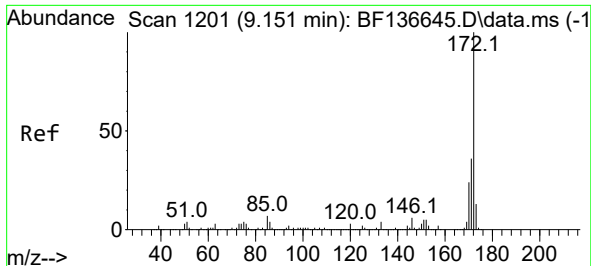
Tgt Ion:196 Resp: 159809
Ion Ratio Lower Upper
196 100
198 95.6 75.1 112.7
200 30.3 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 40.174 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:196 Resp: 176257
Ion Ratio Lower Upper
196 100
198 92.9 77.0 115.6
97 55.3 36.1 54.1#
132 29.7 21.8 32.6

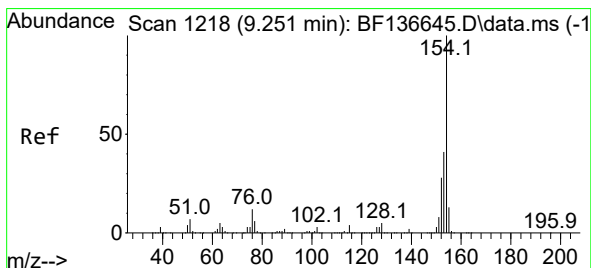
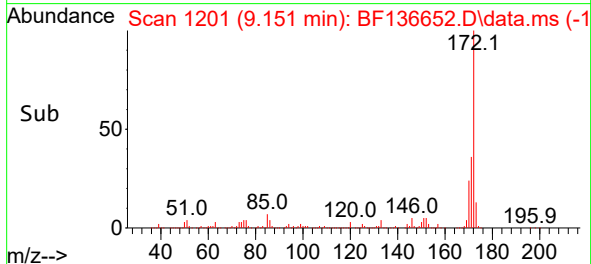
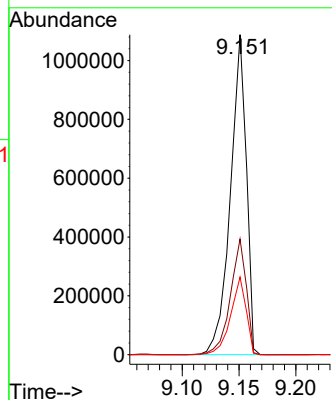
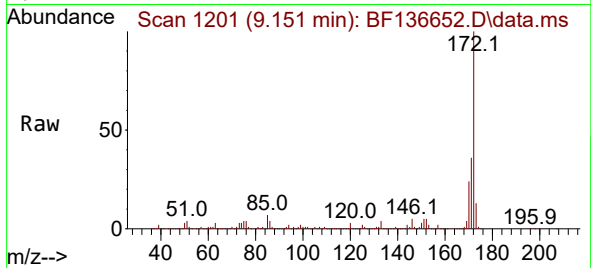




#45
2-Fluorobiphenyl
Concen: 71.816 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

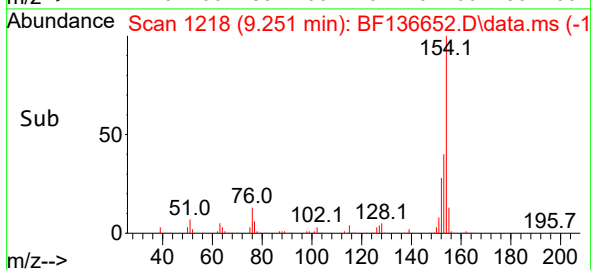
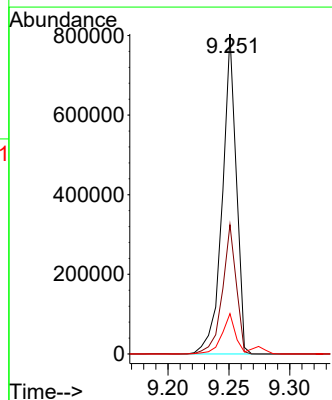
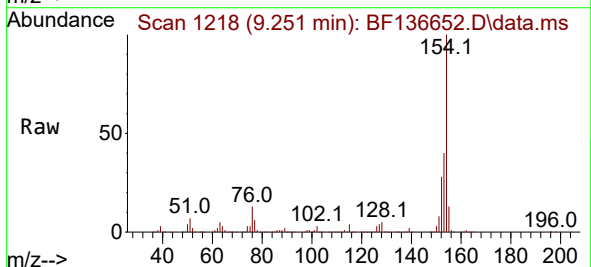
Instrument :
BNA_F
ClientSampleId :
PB157610BS

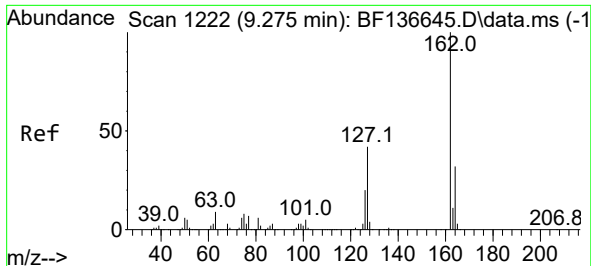
Tgt Ion:172 Resp: 1058450
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.628 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:154 Resp: 642564
Ion Ratio Lower Upper
154 100
153 40.4 21.1 61.1
76 12.6 0.0 31.7

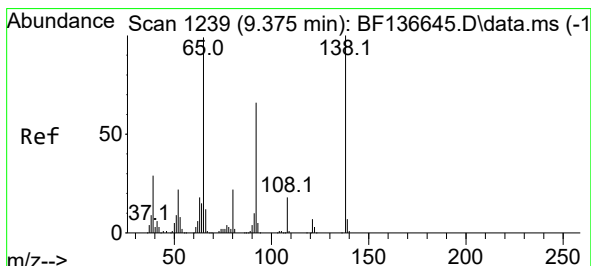
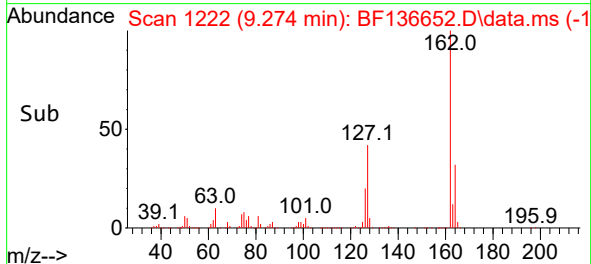
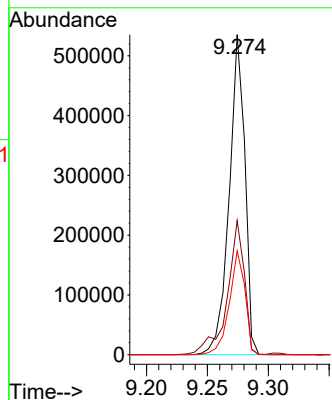
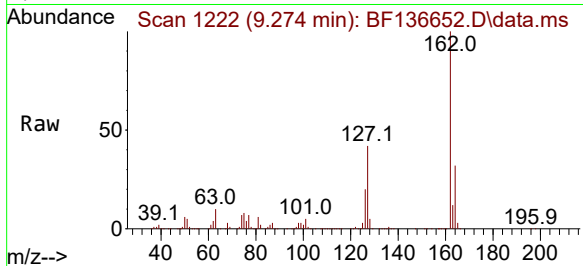




#47
2-Chloronaphthalene
Concen: 38.028 ng
RT: 9.274 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

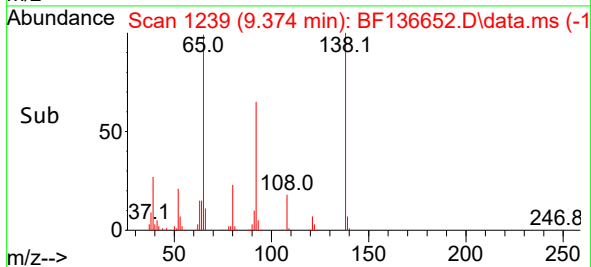
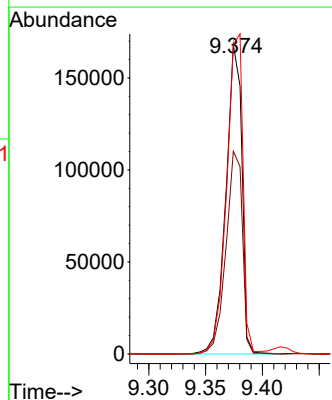
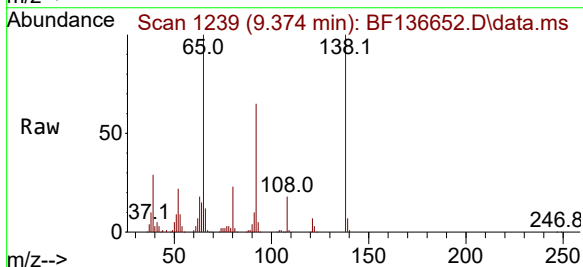
Instrument :
BNA_F
ClientSampleId :
PB157610BS

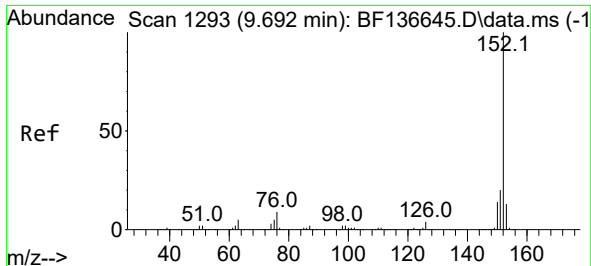
Tgt Ion:162 Resp: 480890
Ion Ratio Lower Upper
162 100
127 41.9 33.6 50.4
164 32.5 25.7 38.5



#48
2-Nitroaniline
Concen: 41.675 ng
RT: 9.374 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion: 65 Resp: 165034
Ion Ratio Lower Upper
65 100
92 65.5 53.2 79.8
138 99.8 81.1 121.7

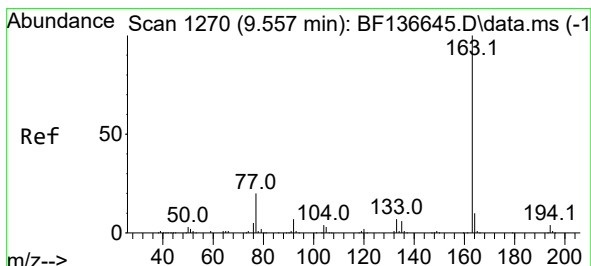
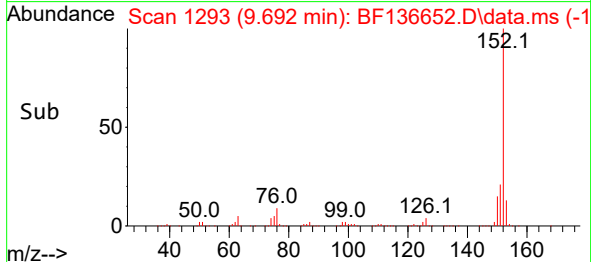
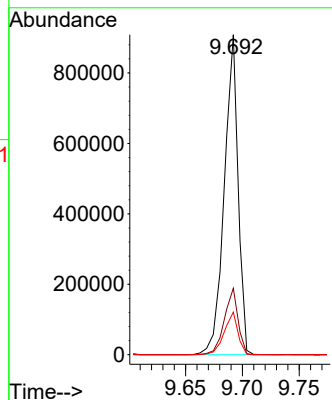
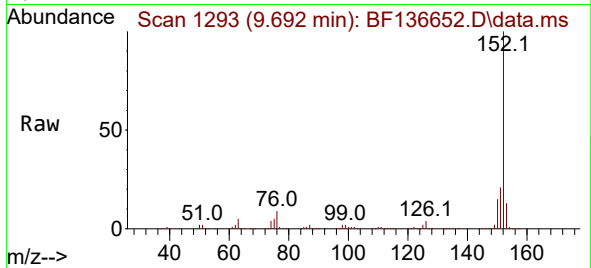




#49
Acenaphthylene
Concen: 39.861 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

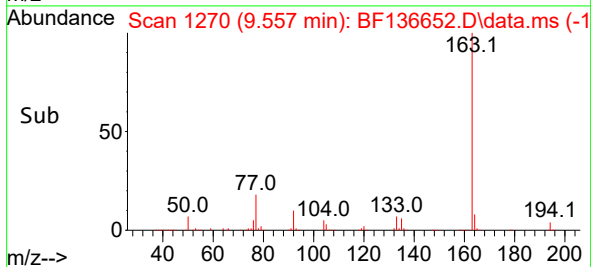
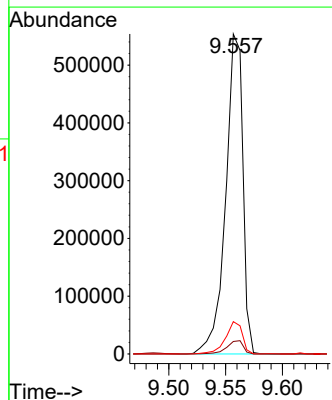
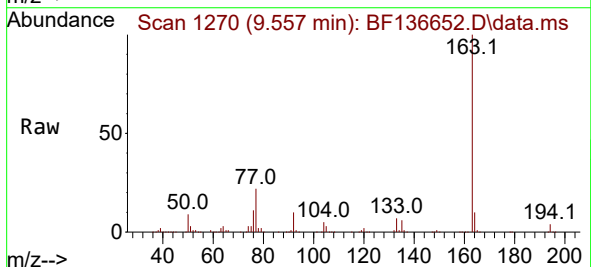
Instrument :
BNA_F
ClientSampleId :
PB157610BS

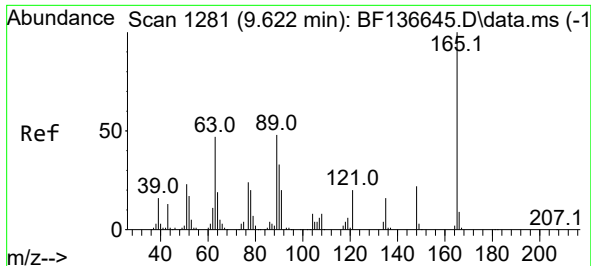
Tgt Ion:152 Resp: 770477
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.3 10.2 15.2



#50
Dimethylphthalate
Concen: 40.228 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:163 Resp: 582465
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.1 7.8 11.6

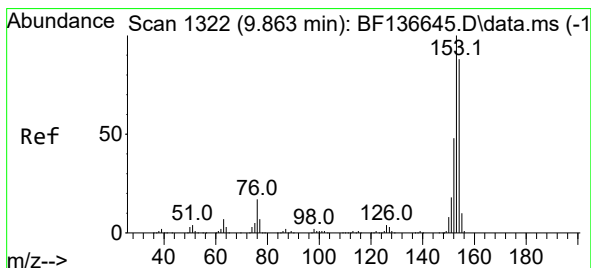
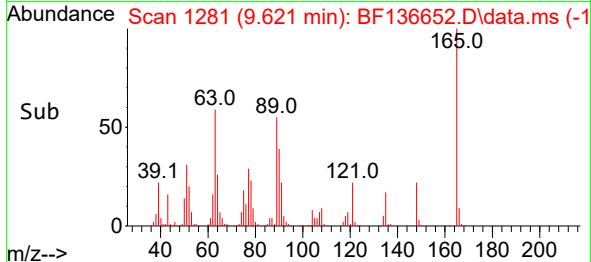
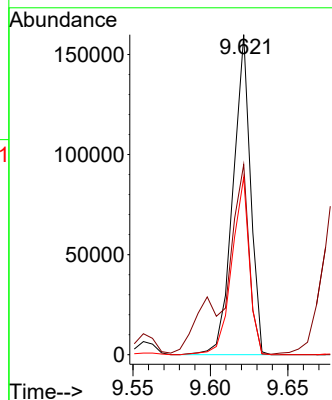
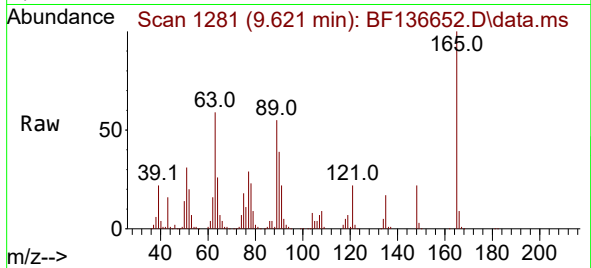




#51
2,6-Dinitrotoluene
Concen: 38.221 ng
RT: 9.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

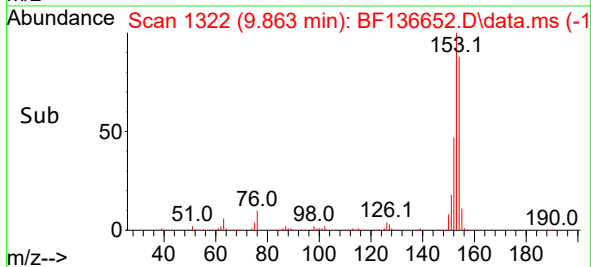
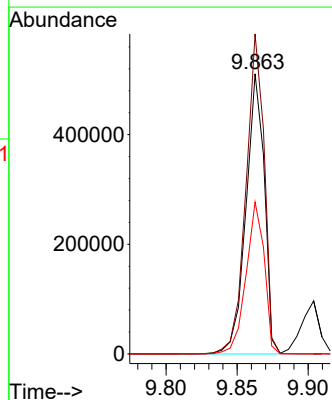
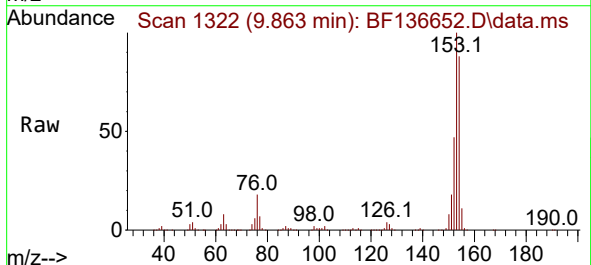
Instrument :
BNA_F
ClientSampleId :
PB157610BS

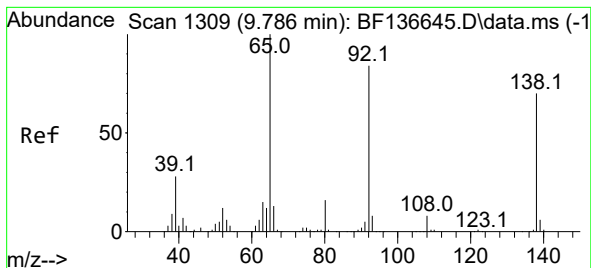
Tgt Ion:165 Resp: 125598
Ion Ratio Lower Upper
165 100
63 59.4 39.8 59.6
89 55.5 38.8 58.2



#52
Acenaphthene
Concen: 38.472 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:154 Resp: 460956
Ion Ratio Lower Upper
154 100
153 114.2 90.7 136.1
152 54.2 43.7 65.5





#53

3-Nitroaniline

Concen: 32.733 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

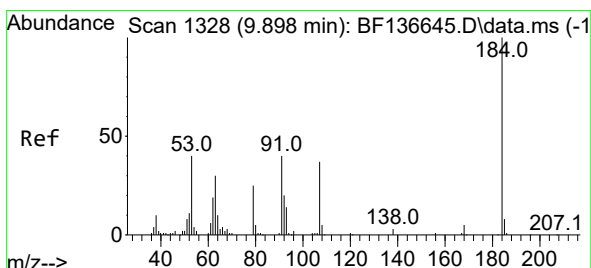
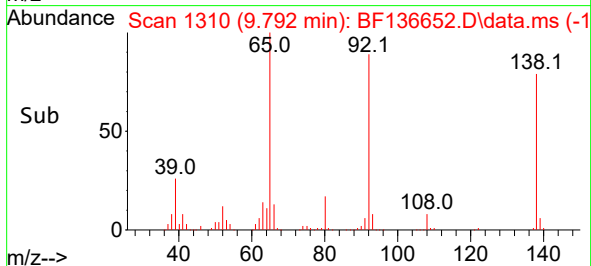
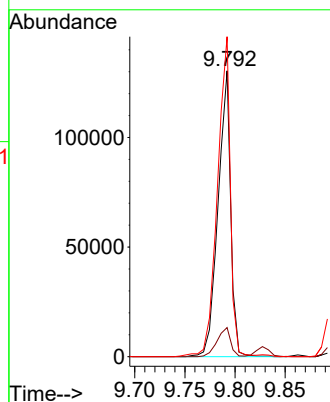
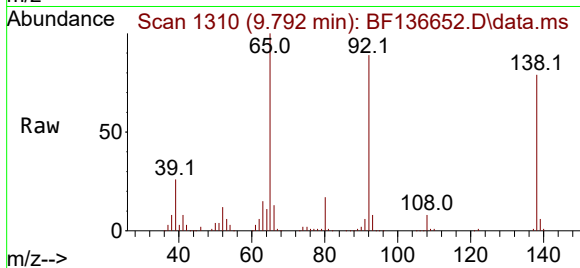
Tgt Ion:138 Resp: 113944

Ion Ratio Lower Upper

138 100

108 10.2 8.6 12.8

92 111.9 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 83.196 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

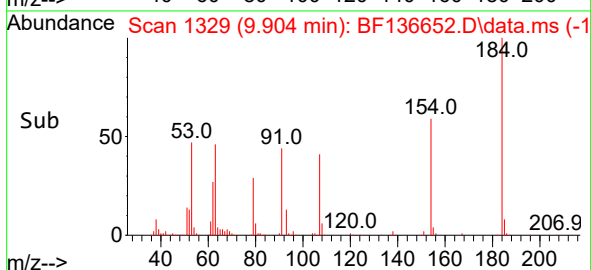
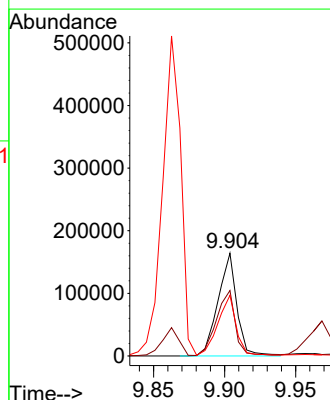
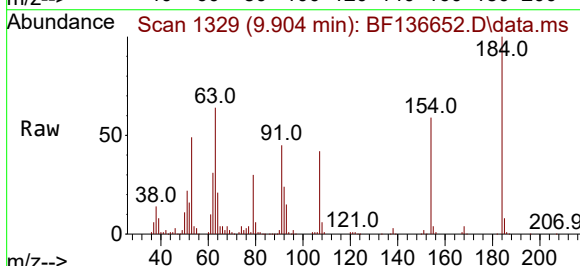
Tgt Ion:184 Resp: 151802

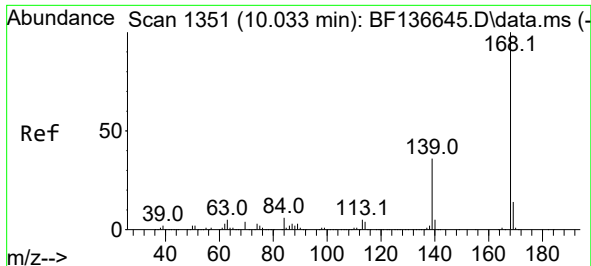
Ion Ratio Lower Upper

184 100

63 63.8 40.9 61.3#

154 59.1 42.7 64.1

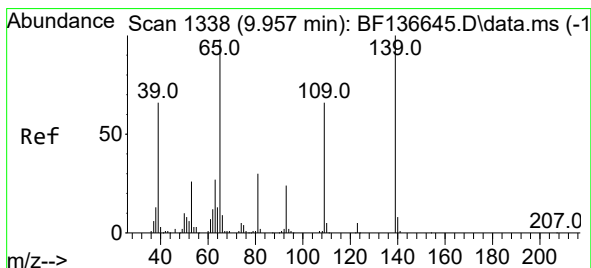
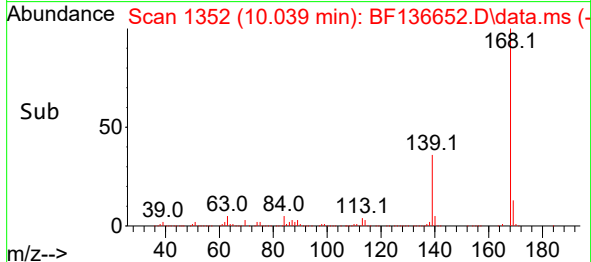
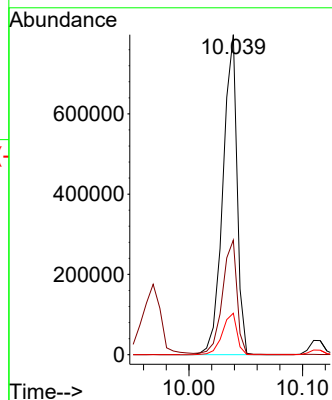
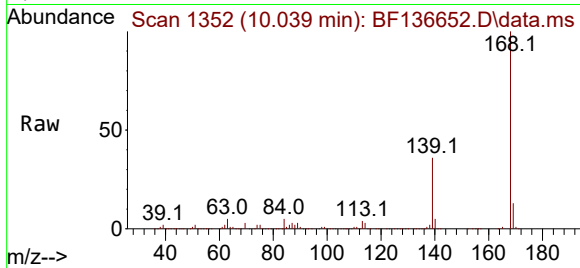




#55
Dibenzofuran
Concen: 38.105 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

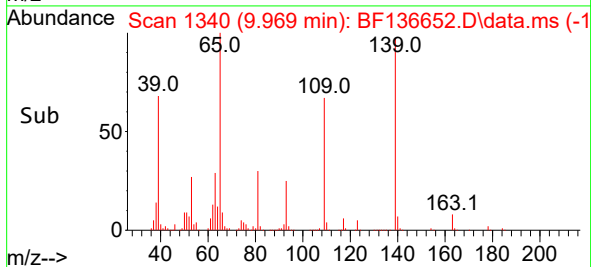
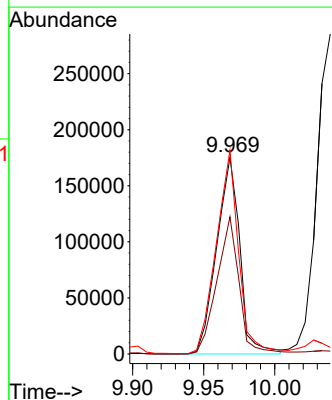
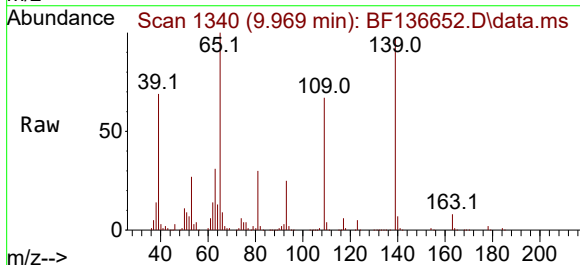
Instrument :
BNA_F
ClientSampleId :
PB157610BS

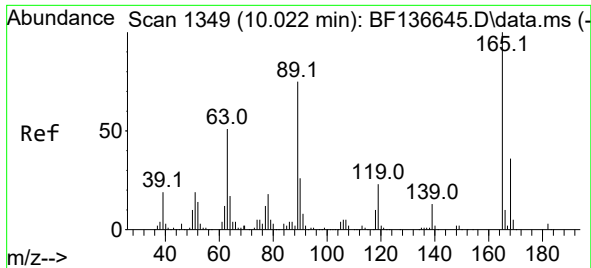
Tgt Ion:168 Resp: 692089
Ion Ratio Lower Upper
168 100
139 35.8 29.3 43.9
169 13.0 11.0 16.4



#56
4-Nitrophenol
Concen: 84.288 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:139 Resp: 198066
Ion Ratio Lower Upper
139 100
109 69.7 45.8 85.8
65 103.6 77.8 117.8

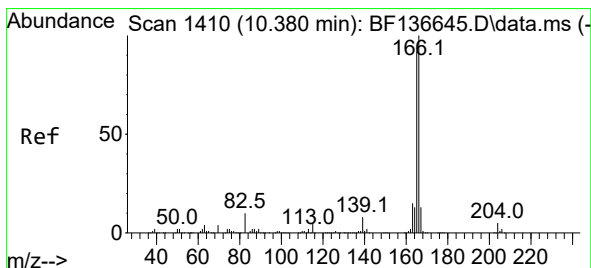
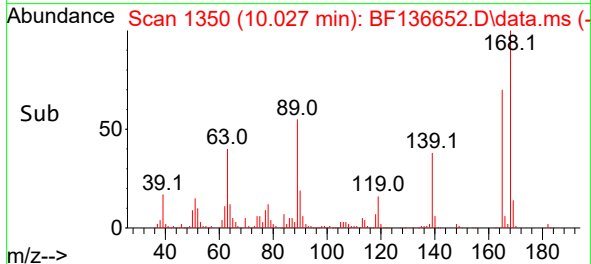
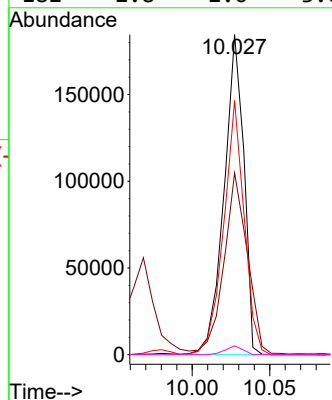
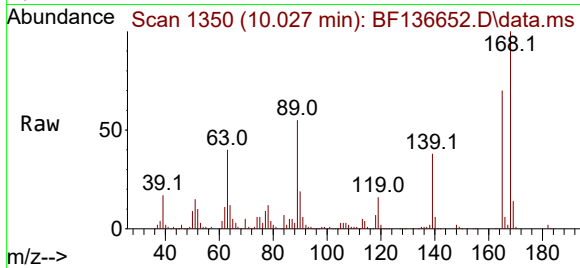




#57
2,4-Dinitrotoluene
Concen: 38.370 ng
RT: 10.027 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

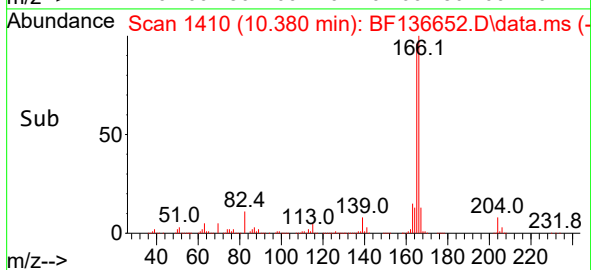
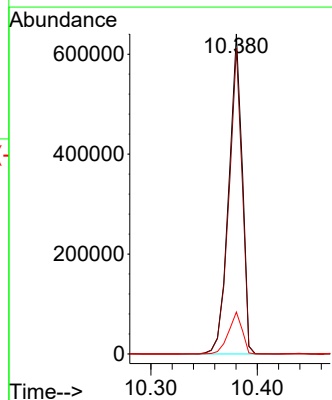
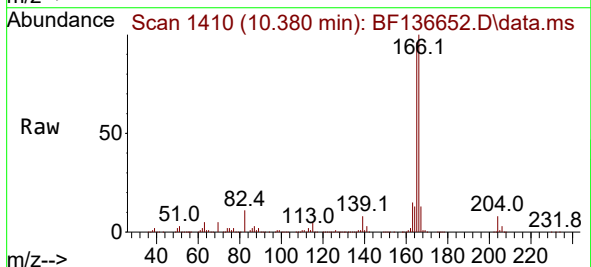
Instrument :
BNA_F
ClientSampleId :
PB157610BS

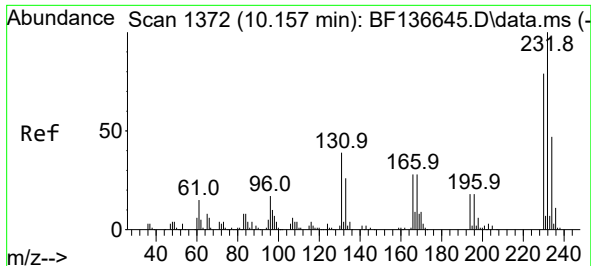
Tgt Ion:165 Resp: 163684
Ion Ratio Lower Upper
165 100
63 56.8 41.0 61.6
89 79.4 59.9 89.9
182 2.8 2.0 3.0



#58
Fluorene
Concen: 38.727 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:166 Resp: 558107
Ion Ratio Lower Upper
166 100
165 95.5 73.7 110.5
167 13.1 10.4 15.6

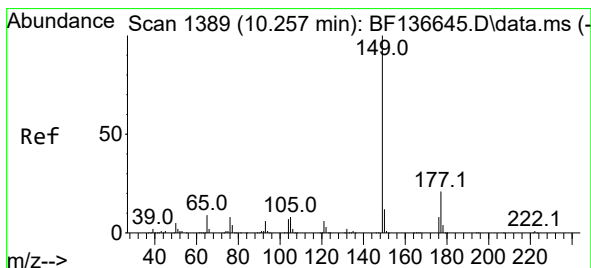
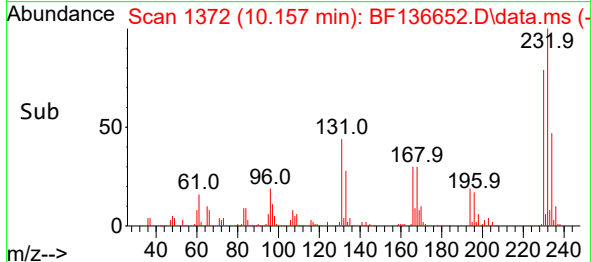
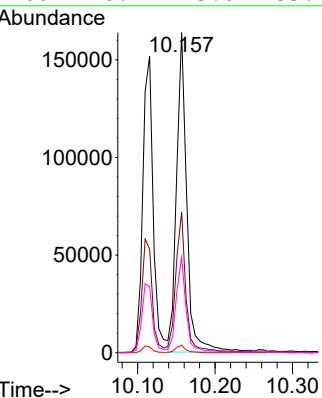
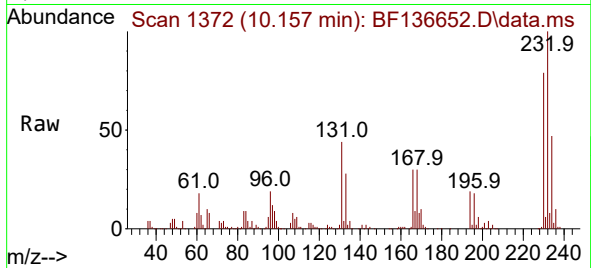




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.137 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

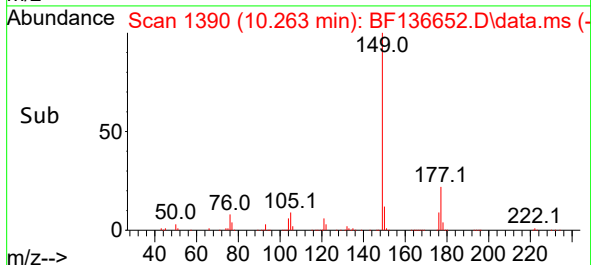
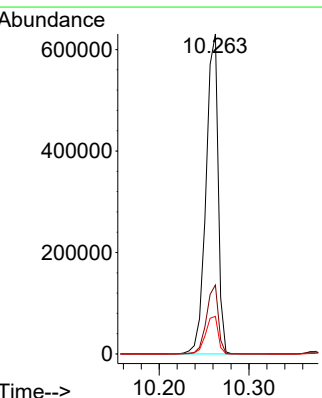
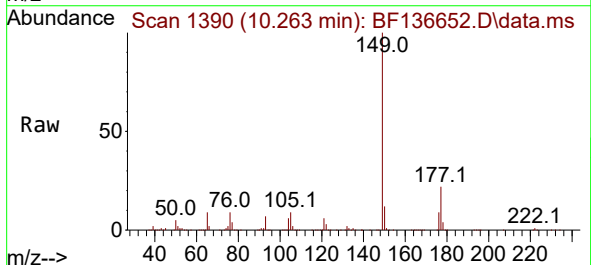
Instrument :
BNA_F
ClientSampleId :
PB157610BS

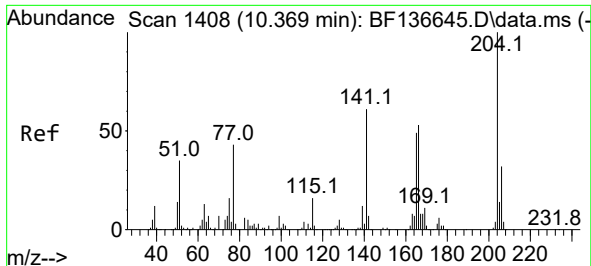
Tgt Ion:232 Resp: 149065
Ion Ratio Lower Upper
232 100
131 43.7 35.1 52.7
130 2.3 1.6 2.4
166 28.9 23.6 35.4



#60
Diethylphthalate
Concen: 39.350 ng
RT: 10.263 min Scan# 1390
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:149 Resp: 591158
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 11.8 9.3 13.9

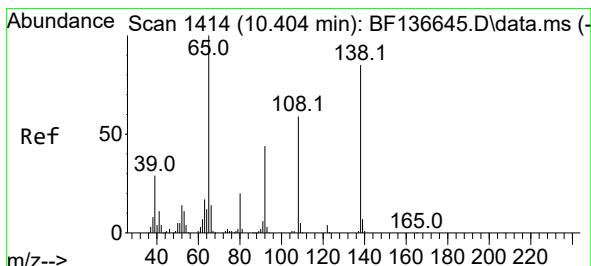
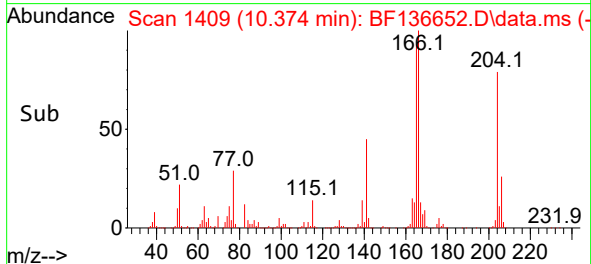
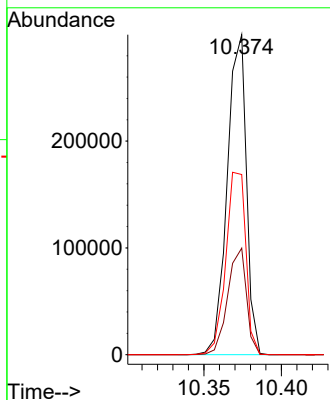
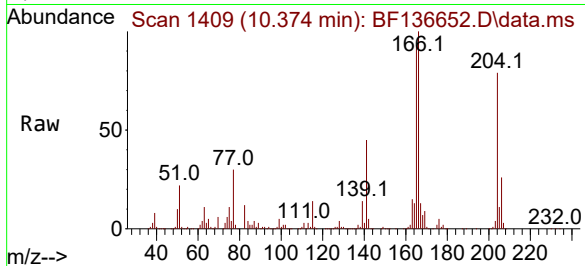




#61
4-Chlorophenyl-phenylether
Concen: 36.819 ng
RT: 10.374 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

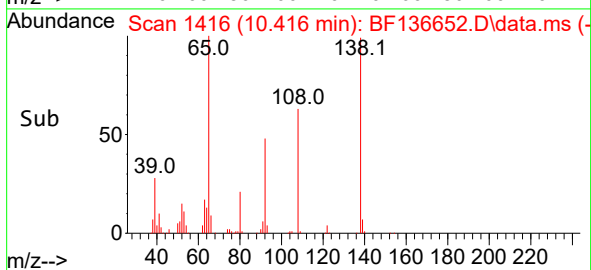
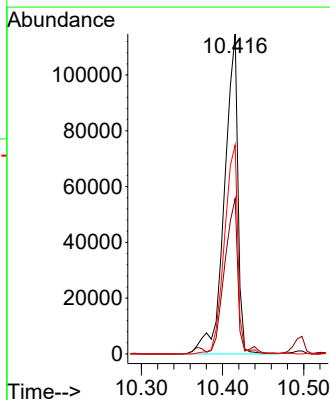
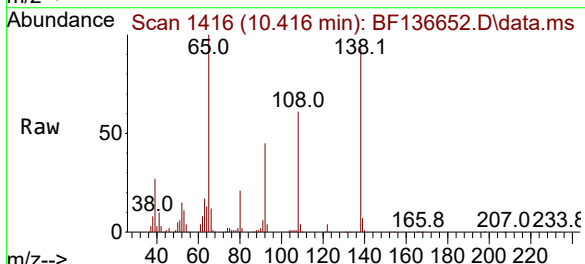
Instrument :
BNA_F
ClientSampleId :
PB157610BS

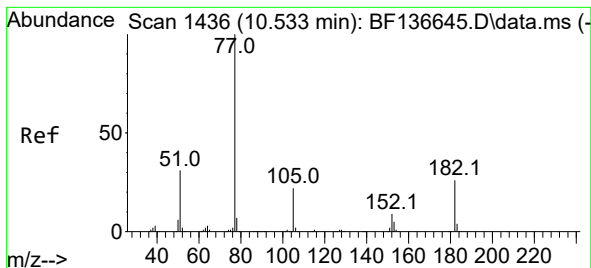
Tgt Ion:204 Resp: 257911
Ion Ratio Lower Upper
204 100
206 33.3 25.6 38.4
141 56.3 48.4 72.6



#62
4-Nitroaniline
Concen: 39.546 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:138 Resp: 132705
Ion Ratio Lower Upper
138 100
92 48.6 32.1 72.1
108 65.3 50.1 90.1





#63

Azobenzene

Concen: 39.170 ng

RT: 10.533 min Scan# 14

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

Tgt Ion: 77 Resp: 549620

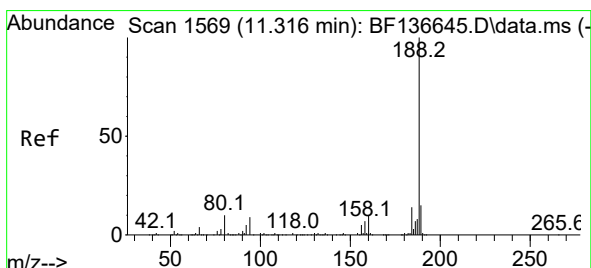
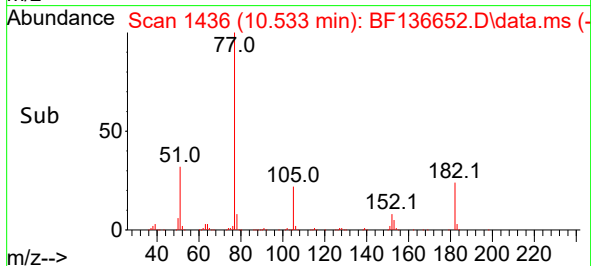
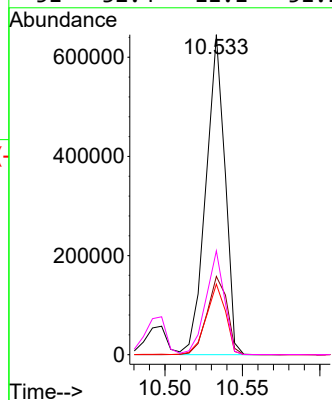
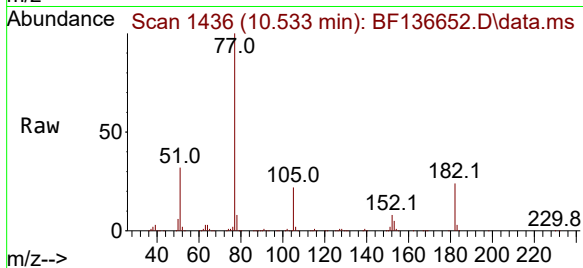
Ion Ratio Lower Upper

77 100

182 24.4 6.0 46.0

105 22.0 2.3 42.3

51 32.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1570

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

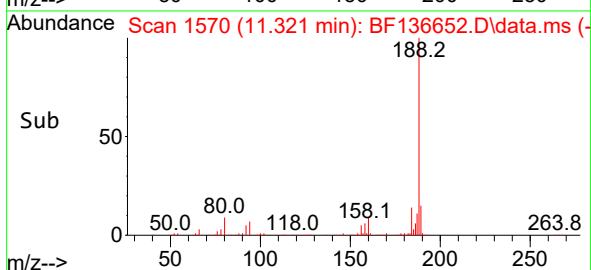
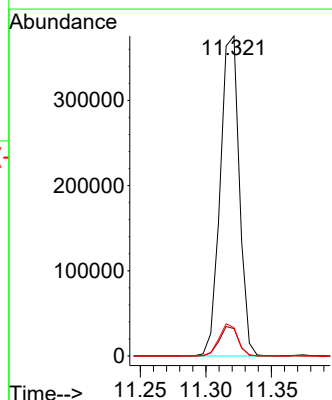
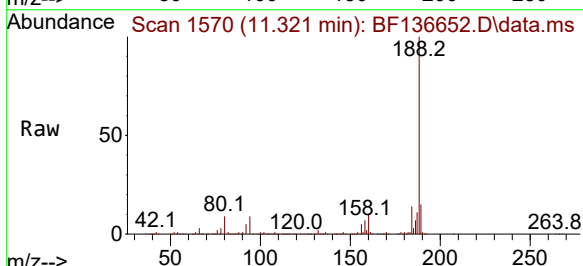
Tgt Ion: 188 Resp: 379715

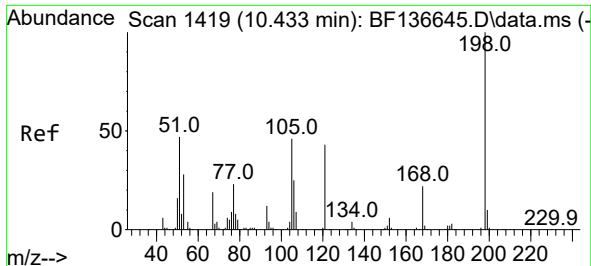
Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

80 8.8 8.1 12.1

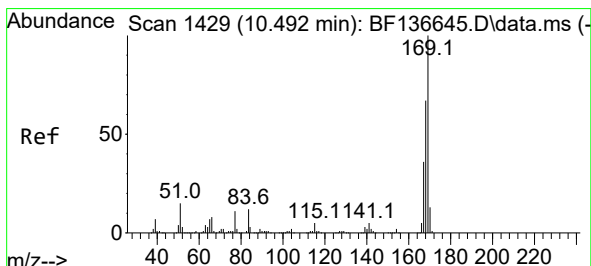
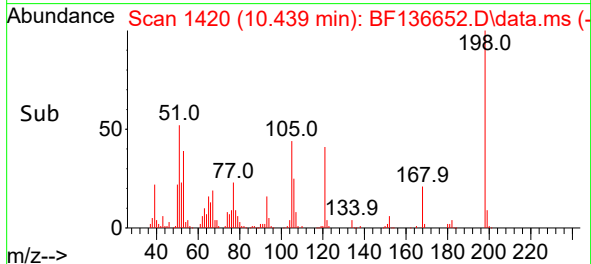
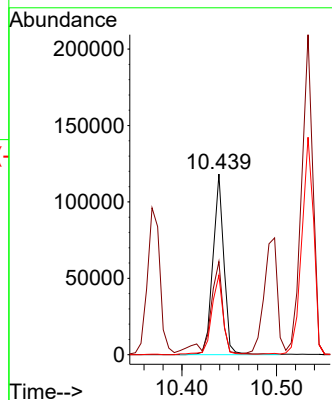
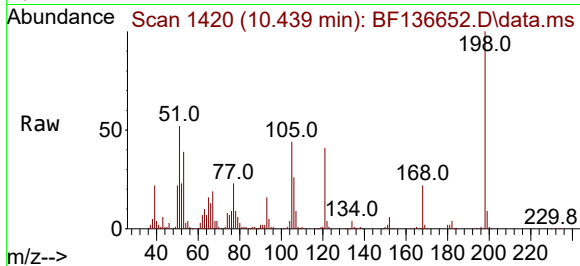




#65
4,6-Dinitro-2-methylphenol
Concen: 43.695 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

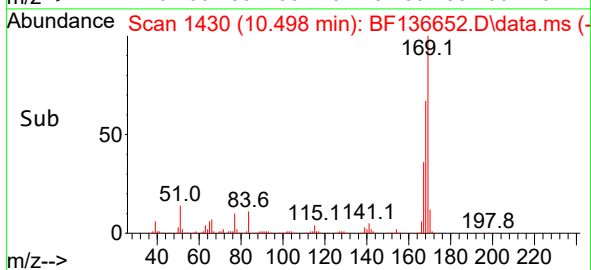
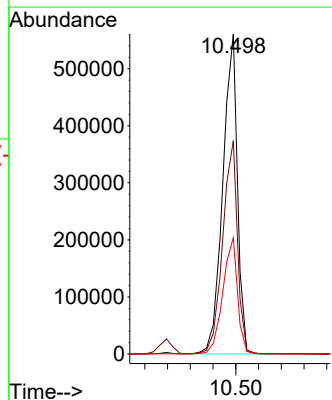
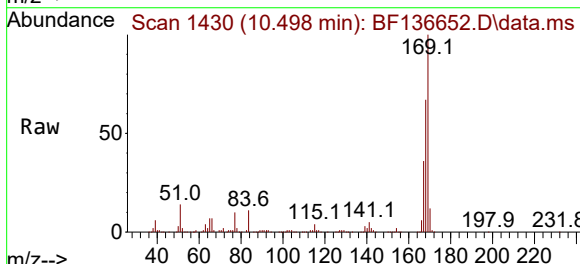
Instrument :
BNA_F
ClientSampleId :
PB157610BS

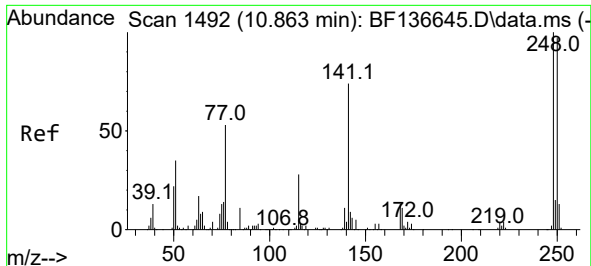
Tgt Ion:198 Resp: 95087
Ion Ratio Lower Upper
198 100
51 51.6 34.1 74.1
105 44.0 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.725 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:169 Resp: 502343
Ion Ratio Lower Upper
169 100
168 66.7 53.8 80.6
167 36.3 28.7 43.1

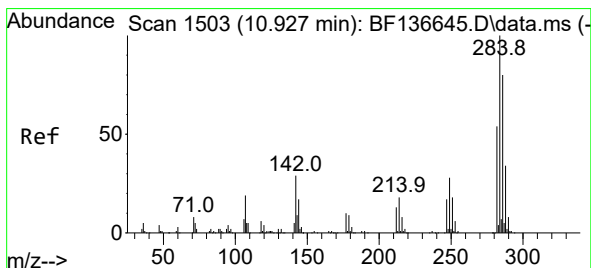
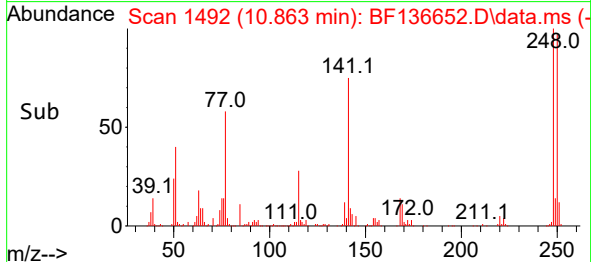
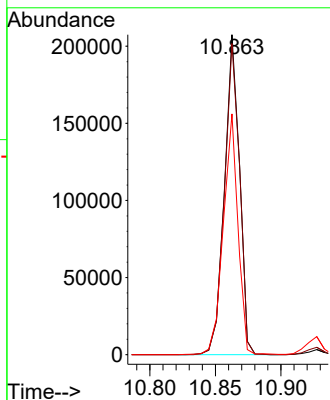
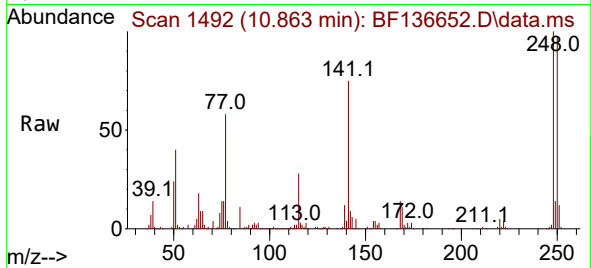




#67
4-Bromophenyl-phenylether
Concen: 39.164 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

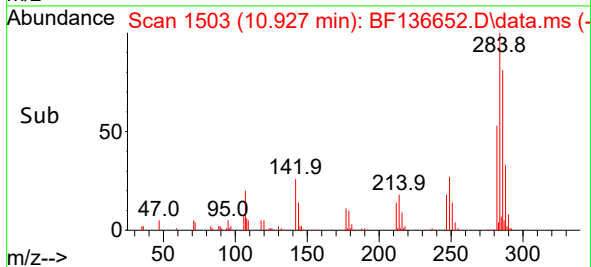
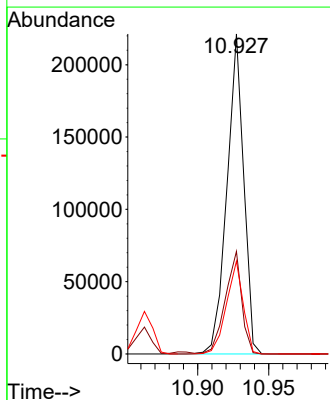
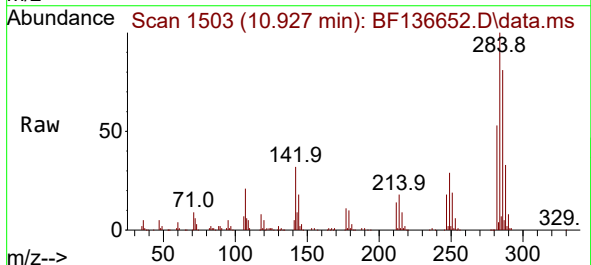
Instrument :
BNA_F
ClientSampleId :
PB157610BS

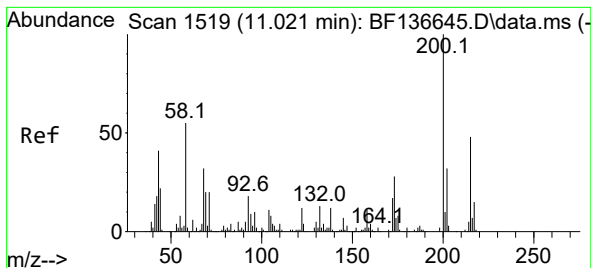
Tgt Ion:248 Resp: 165157
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 75.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 38.612 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:284 Resp: 181454
Ion Ratio Lower Upper
284 100
142 32.1 23.4 35.0
249 29.0 22.3 33.5





#69

Atrazine

Concen: 40.187 ng

RT: 11.027 min Scan# 1519

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

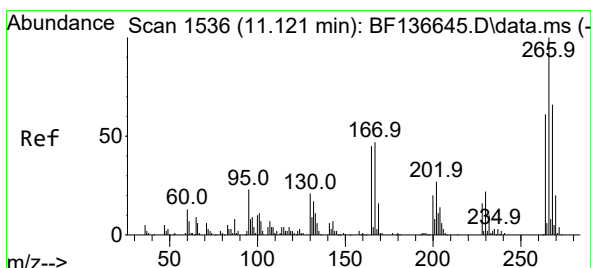
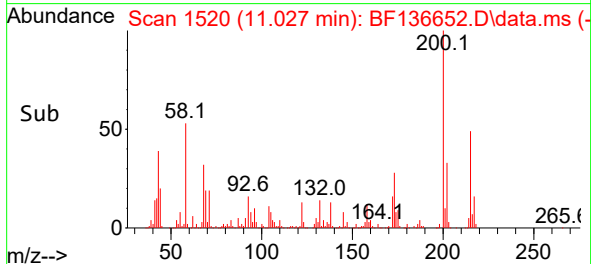
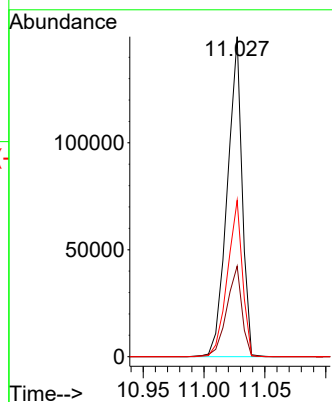
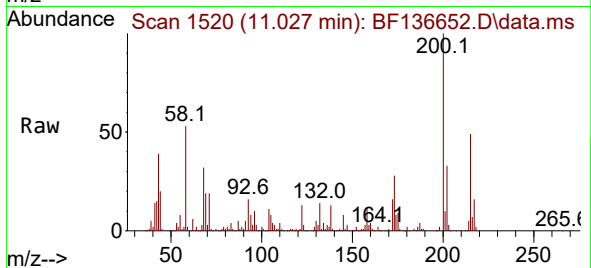
Tgt Ion:200 Resp: 126787

Ion Ratio Lower Upper

200 100

173 28.3 7.6 47.6

215 48.9 28.3 68.3



#70

Pentachlorophenol

Concen: 75.081 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

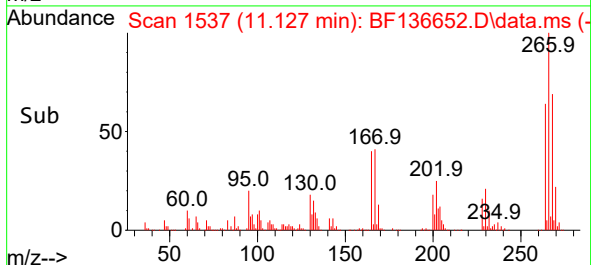
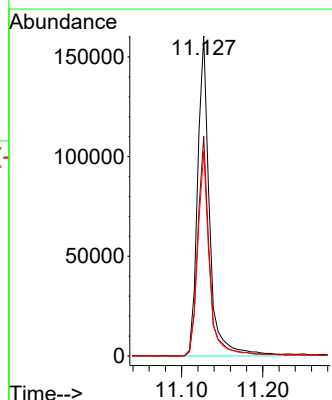
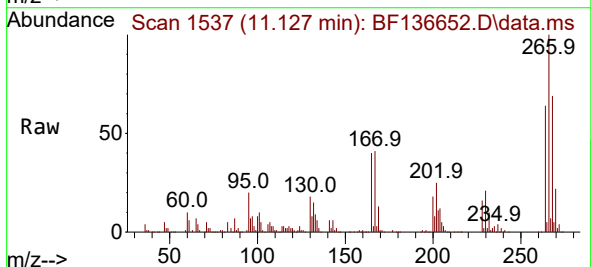
Tgt Ion:266 Resp: 164464

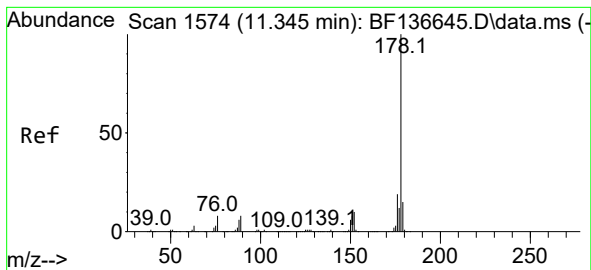
Ion Ratio Lower Upper

266 100

268 68.6 52.6 78.8

264 64.0 49.0 73.4





#71

Phenanthrene

Concen: 40.883 ng

RT: 11.345 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

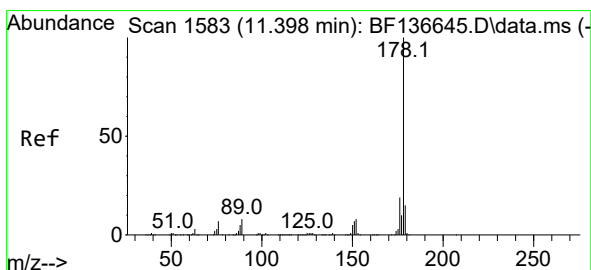
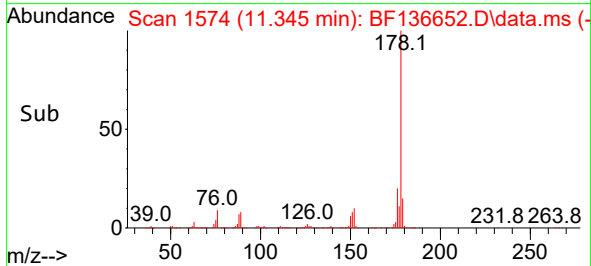
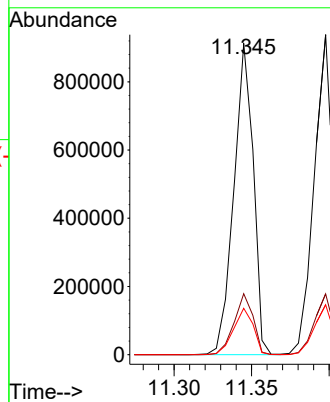
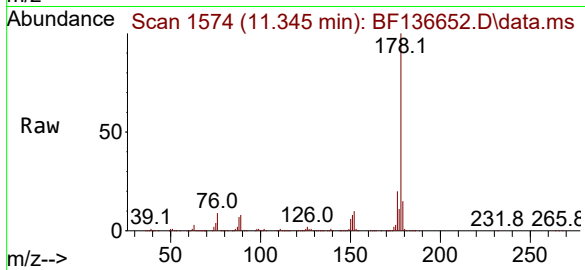
Tgt Ion:178 Resp: 796533

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 14.9 11.9 17.9



#72

Anthracene

Concen: 40.496 ng

RT: 11.398 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

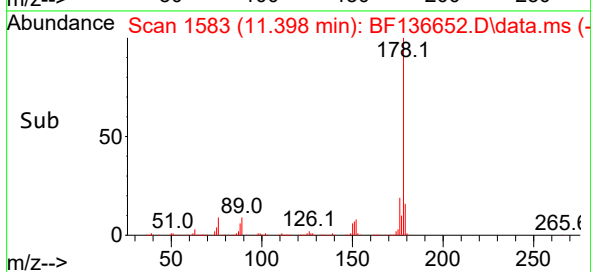
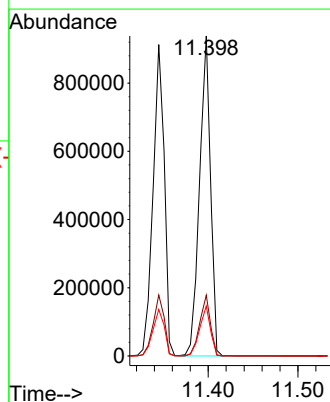
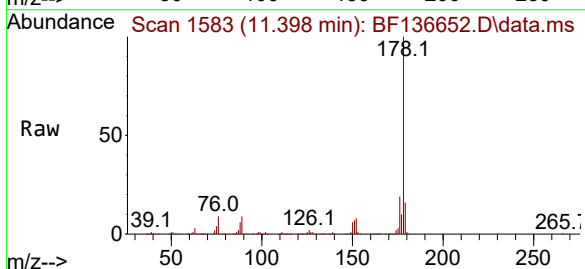
Tgt Ion:178 Resp: 799049

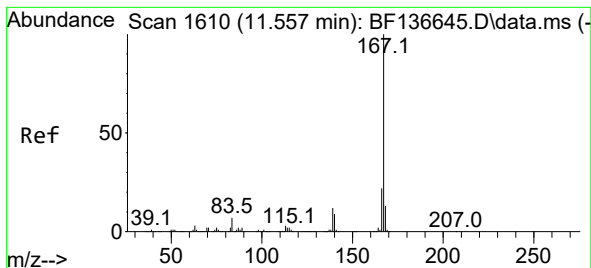
Ion Ratio Lower Upper

178 100

176 19.0 14.9 22.3

179 15.6 11.8 17.6





#73

Carbazole

Concen: 39.735 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

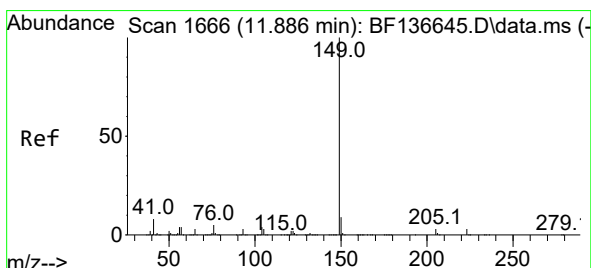
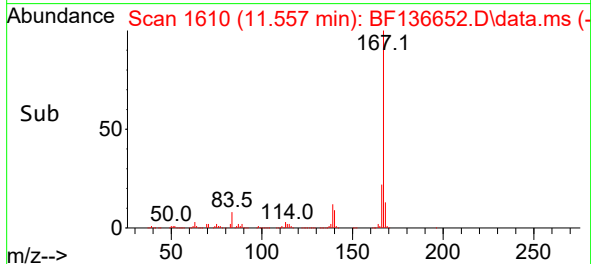
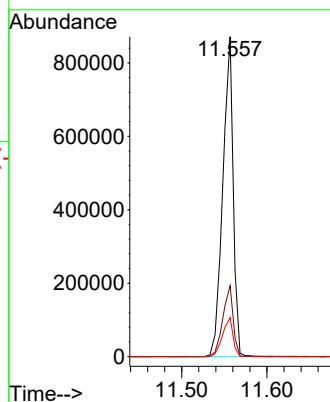
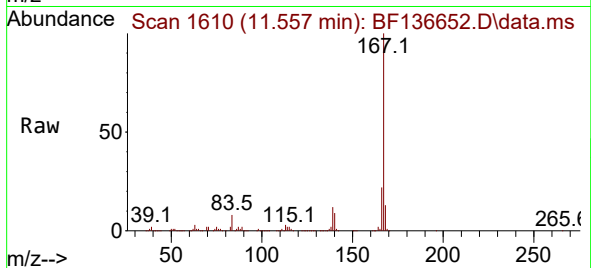
Tgt Ion:167 Resp: 739195

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 12.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.756 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

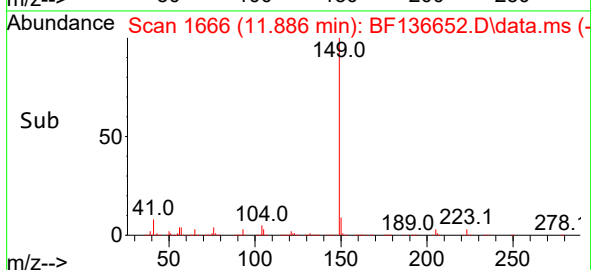
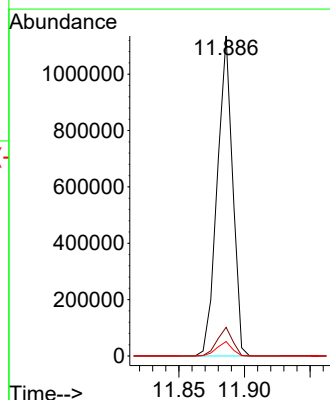
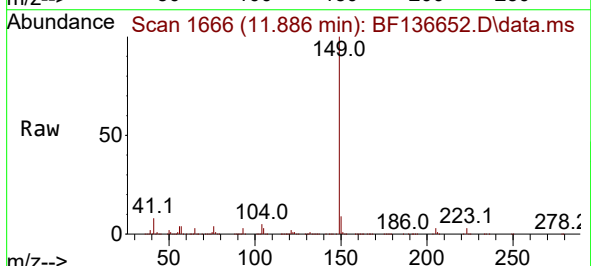
Tgt Ion:149 Resp: 925185

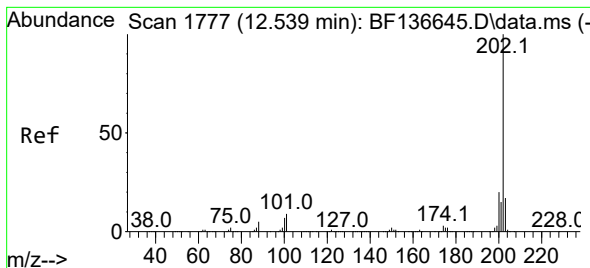
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.5 3.6 5.4





#75

Fluoranthene

Concen: 39.529 ng

RT: 12.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

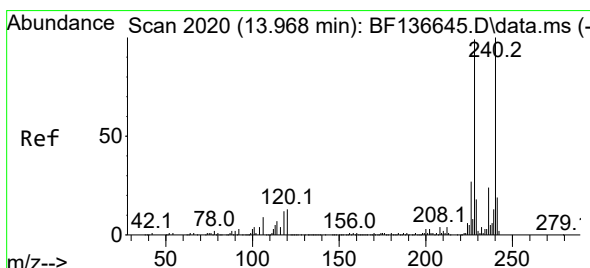
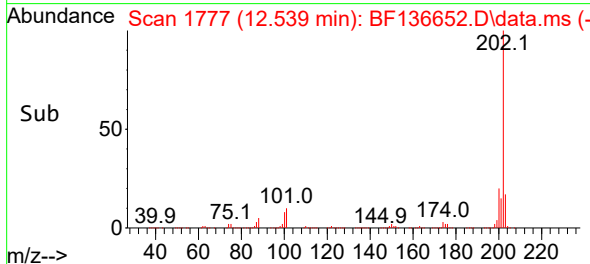
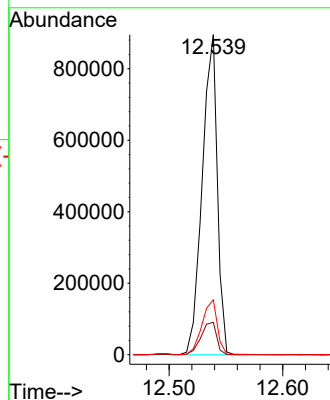
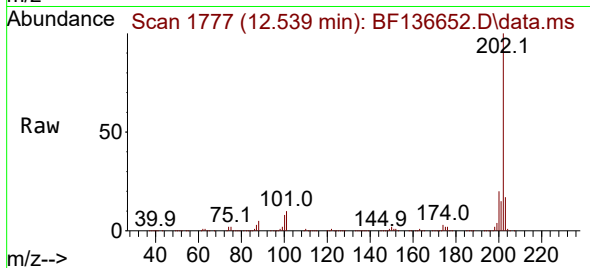
Tgt Ion:202 Resp: 823800

Ion Ratio Lower Upper

202 100

101 10.1 0.0 29.3

203 17.2 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

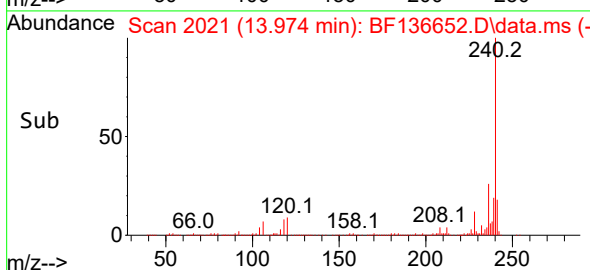
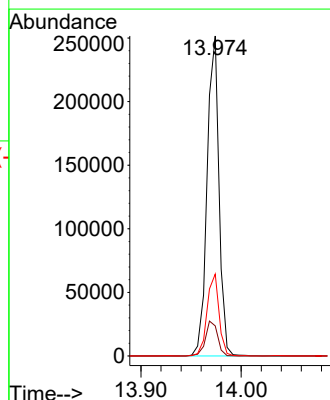
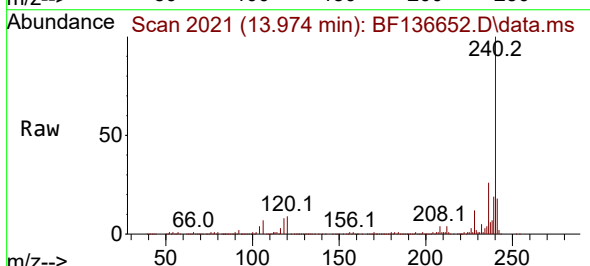
Tgt Ion:240 Resp: 208632

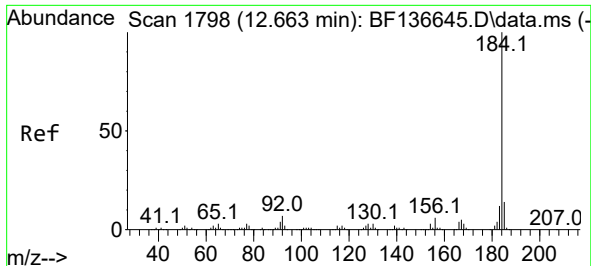
Ion Ratio Lower Upper

240 100

120 9.4 10.3 15.5#

236 25.6 19.4 29.2

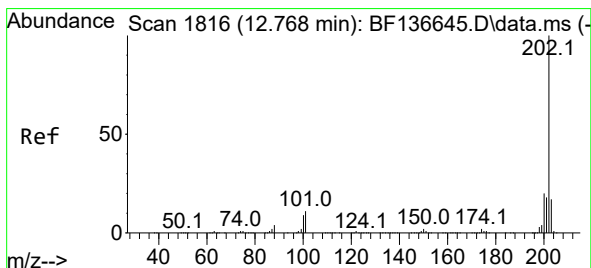
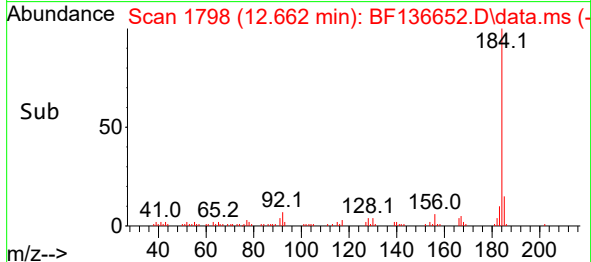
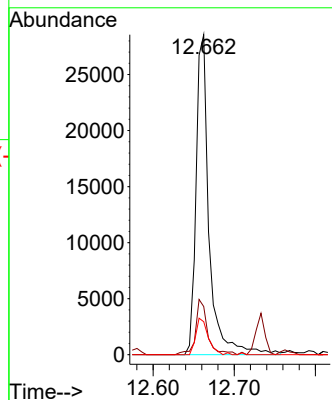
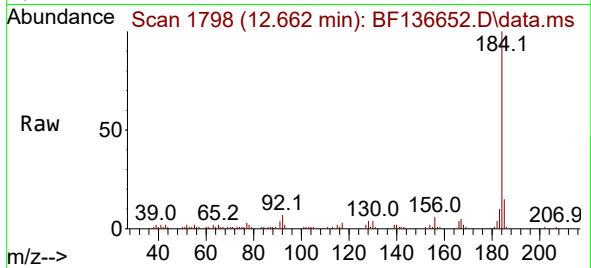




#77
Benzidine
Concen: 5.202 ng
RT: 12.662 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

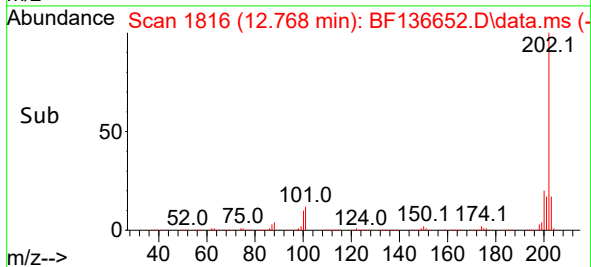
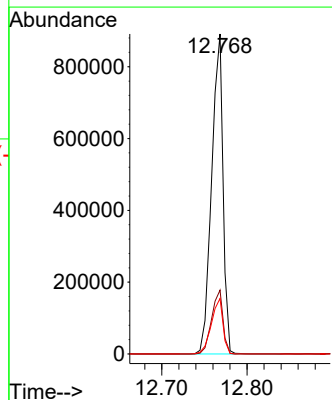
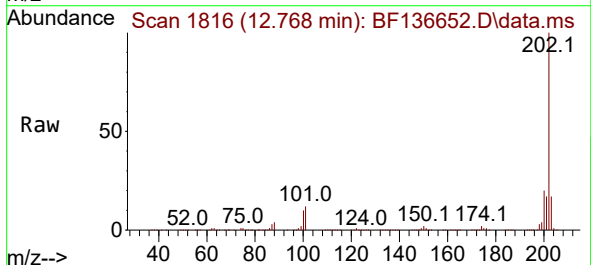
Instrument :
BNA_F
ClientSampleId :
PB157610BS

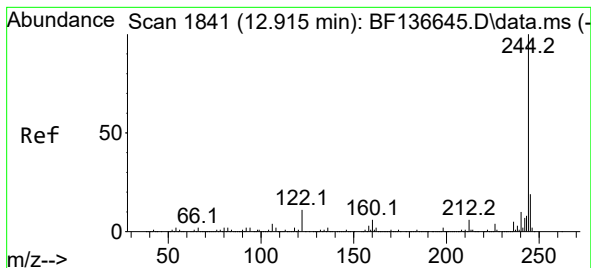
Tgt Ion:184 Resp: 31998
Ion Ratio Lower Upper
184 100
185 15.1 11.2 16.8
183 10.3 9.3 13.9



#78
Pyrene
Concen: 40.317 ng
RT: 12.768 min Scan# 1816
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:202 Resp: 825723
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 75.498 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

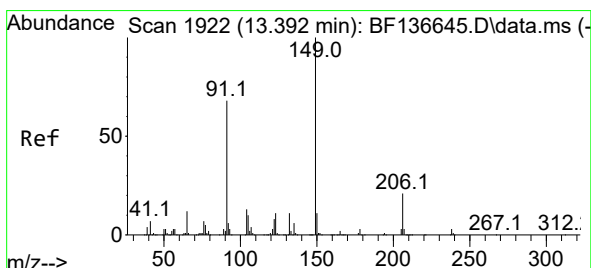
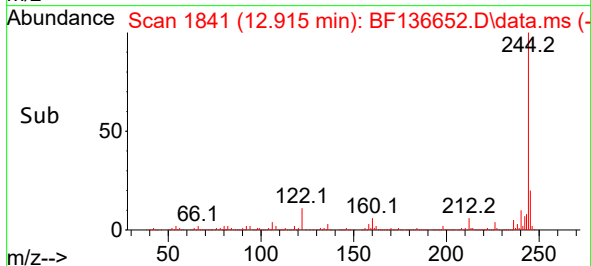
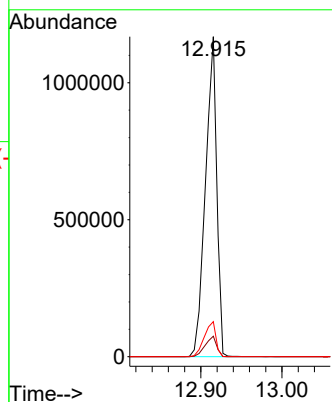
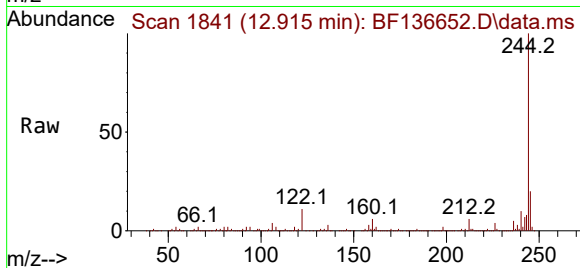
Tgt Ion:244 Resp: 1127136

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.438 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

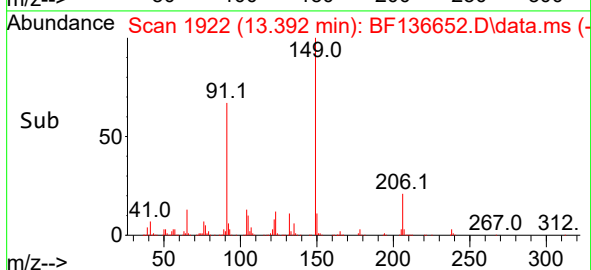
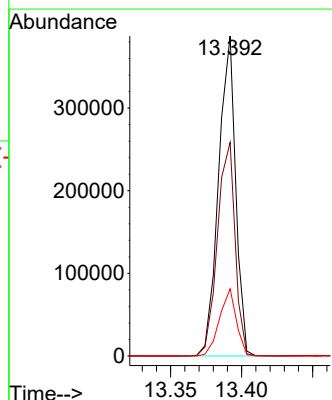
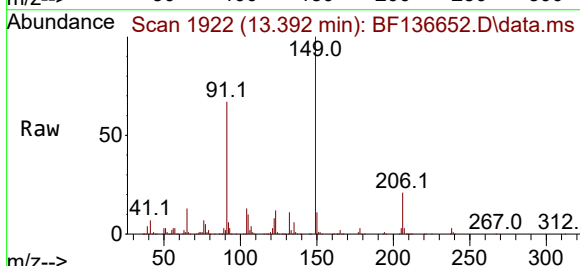
Tgt Ion:149 Resp: 323712

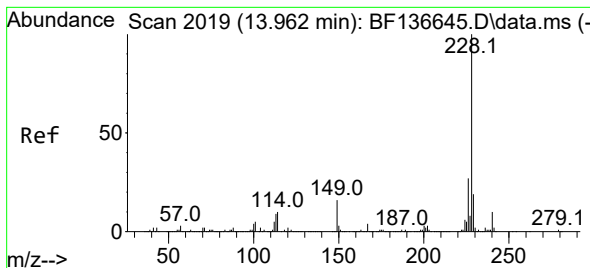
Ion Ratio Lower Upper

149 100

91 66.7 54.1 81.1

206 21.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.016 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

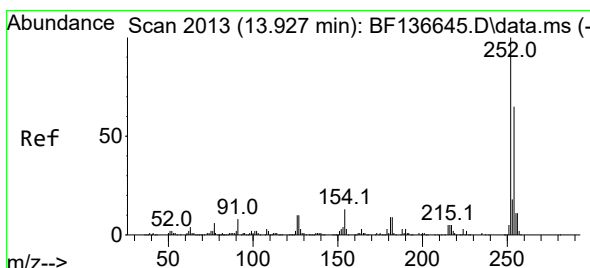
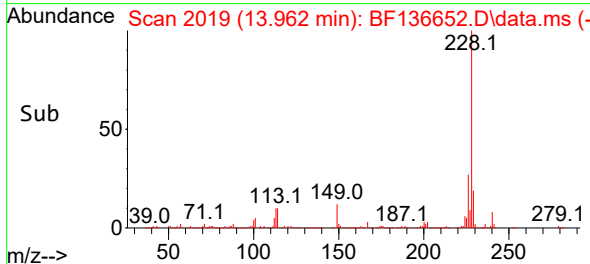
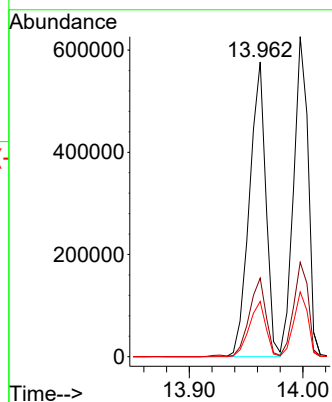
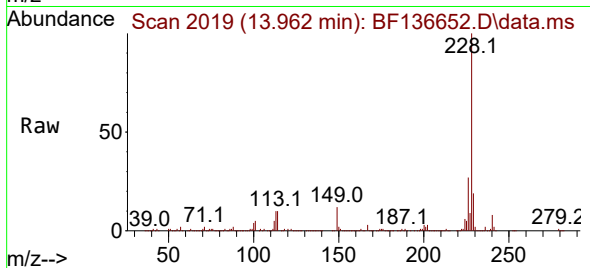
Tgt Ion:228 Resp: 579726

Ion Ratio Lower Upper

228 100

226 26.7 21.4 32.0

229 18.8 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 39.891 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

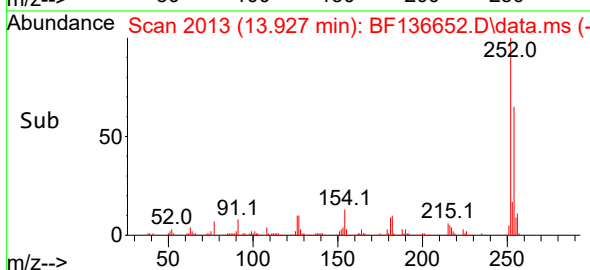
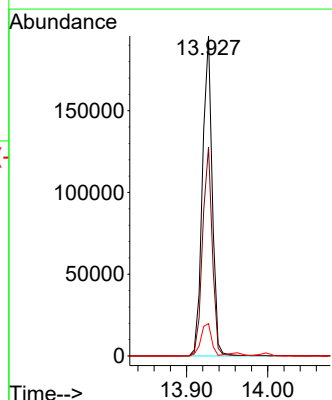
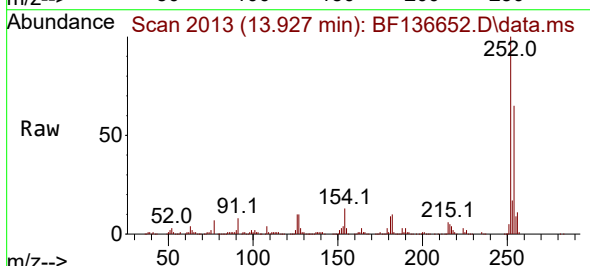
Tgt Ion:252 Resp: 164122

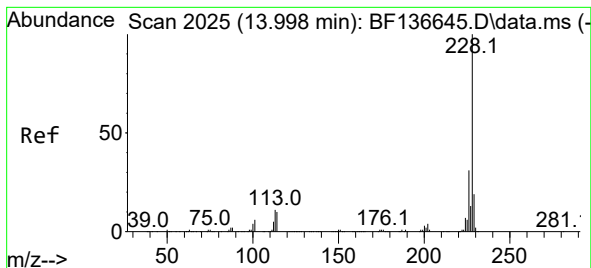
Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 10.1 8.0 12.0





#83

Chrysene

Concen: 39.085 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

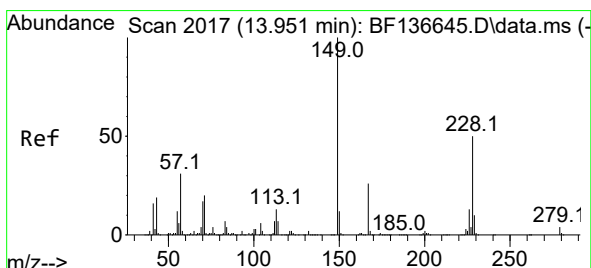
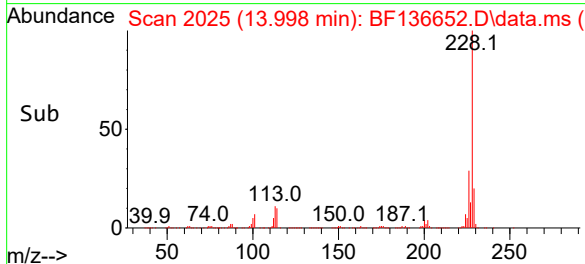
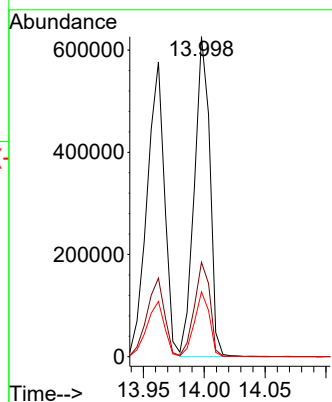
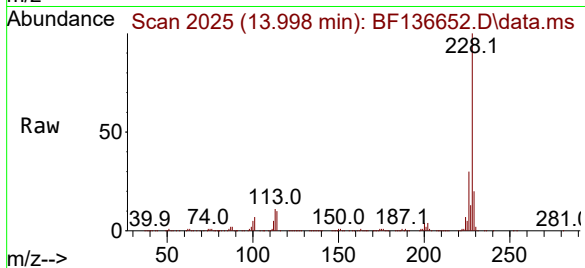
Tgt Ion:228 Resp: 553716

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

229 20.3 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.531 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

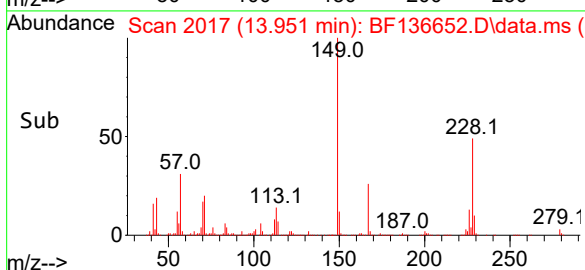
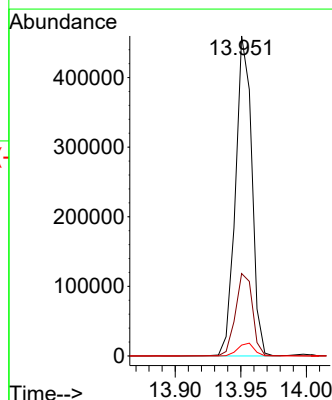
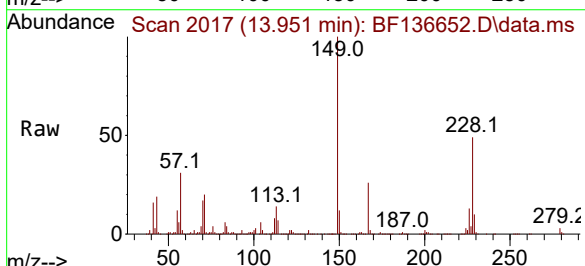
Tgt Ion:149 Resp: 398791

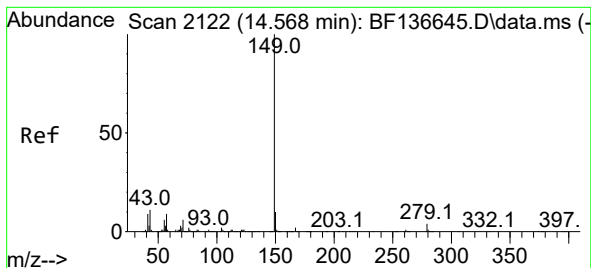
Ion Ratio Lower Upper

149 100

167 25.7 20.9 31.3

279 3.4 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 42.660 ng

RT: 14.568 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

Instrument :

BNA_F

ClientSampleId :

PB157610BS

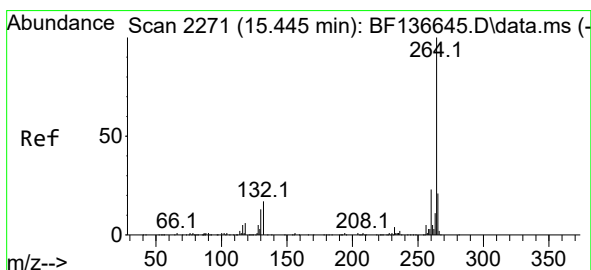
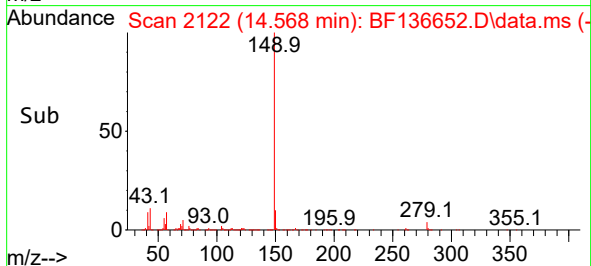
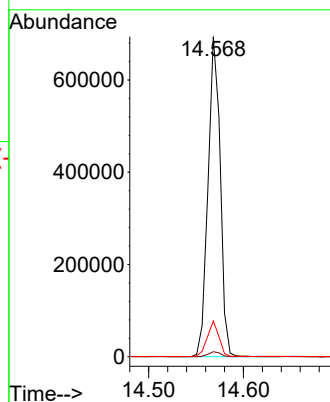
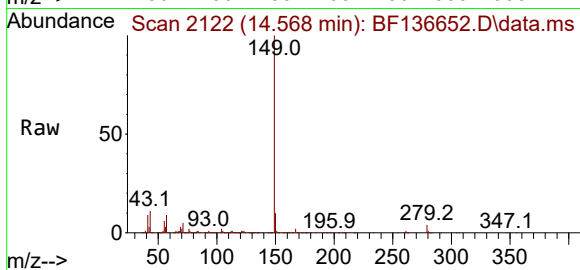
Tgt Ion:149 Resp: 618738

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.5 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.000 min

Lab File: BF136652.D

Acq: 20 Dec 2023 17:30

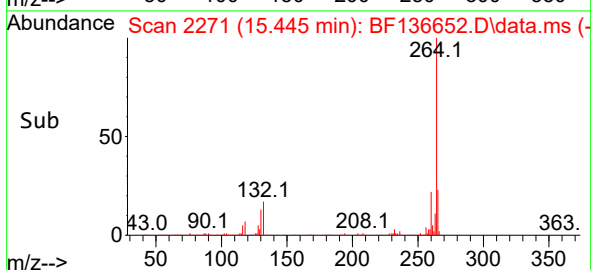
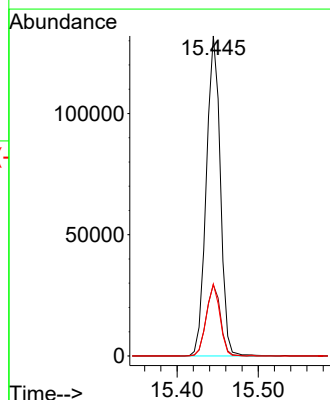
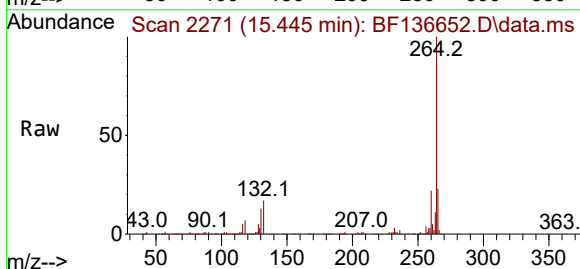
Tgt Ion:264 Resp: 157526

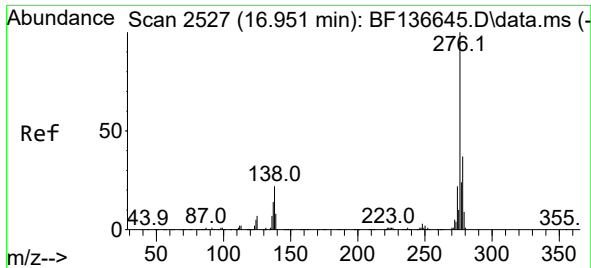
Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 22.5 17.0 25.6

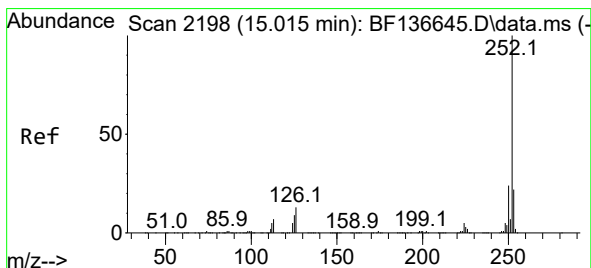
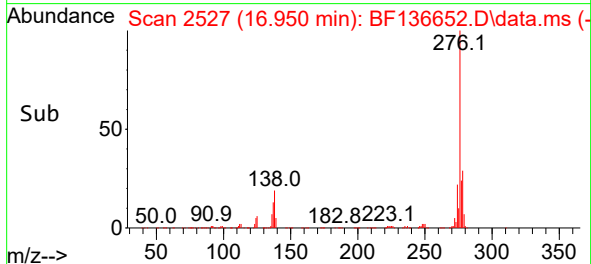
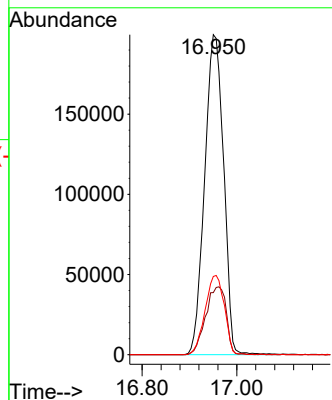
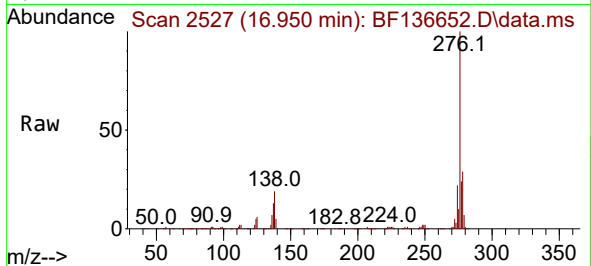




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.793 ng
 RT: 16.950 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

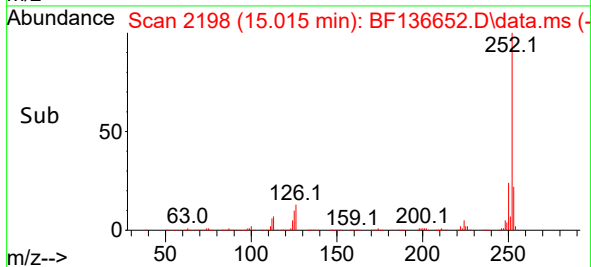
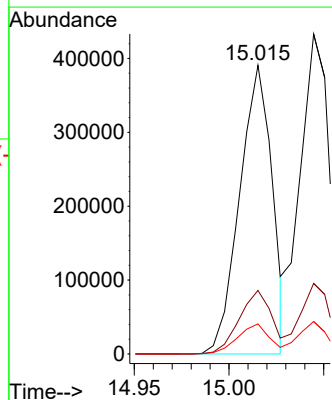
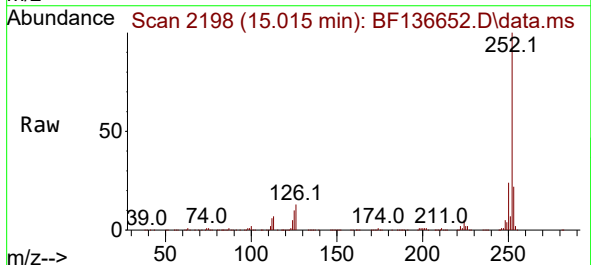
Instrument :
 BNA_F
 ClientSampleId :
 PB157610BS

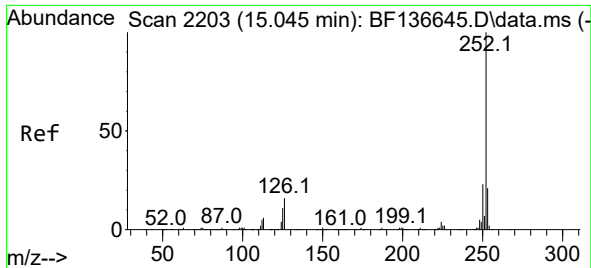
Tgt Ion:276 Resp: 554947
 Ion Ratio Lower Upper
 276 100
 138 22.9 18.7 28.1
 277 25.2 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 44.427 ng
 RT: 15.015 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF136652.D
 Acq: 20 Dec 2023 17:30

Tgt Ion:252 Resp: 467428
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.0
 125 10.4 7.4 11.2

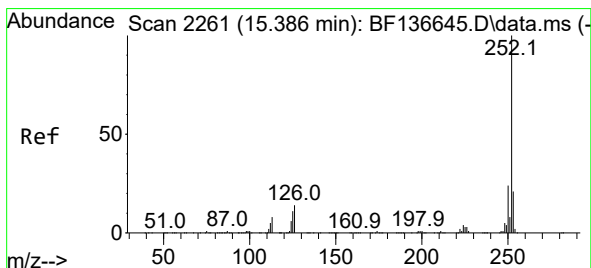
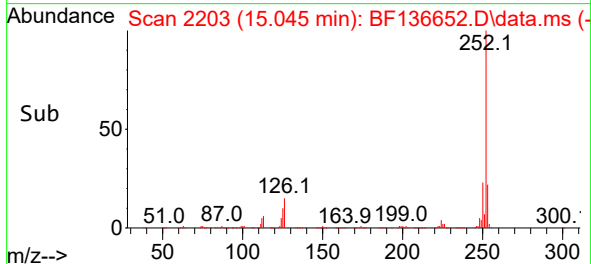
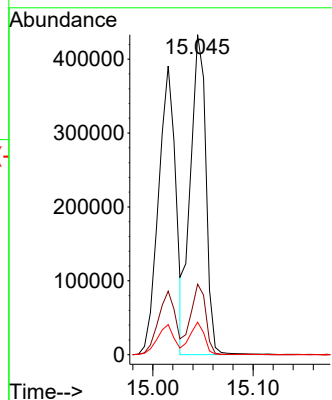
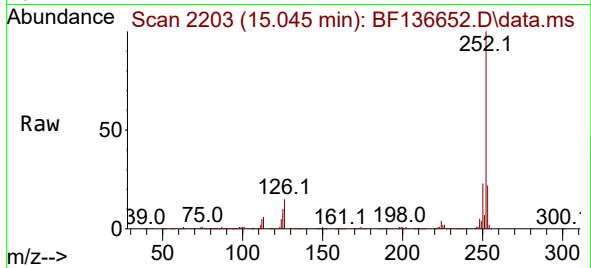




#89
Benzo(k)fluoranthene
Concen: 46.593 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

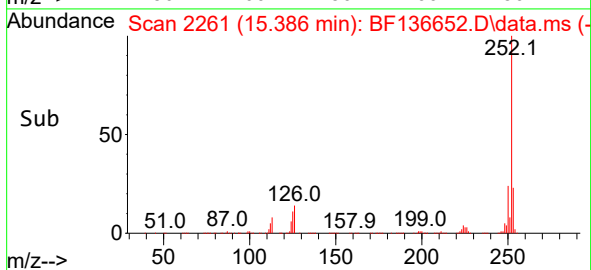
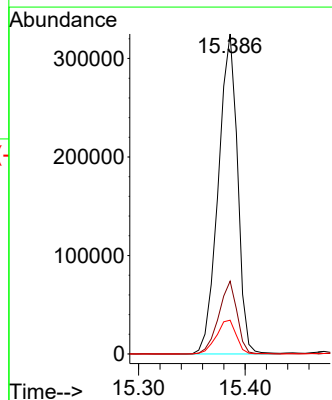
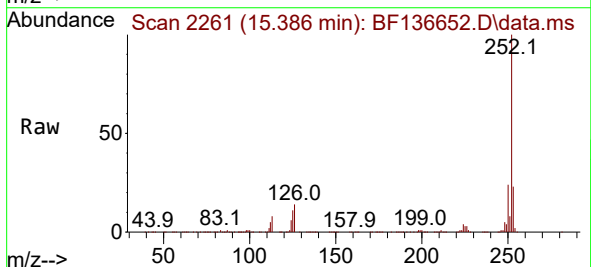
Instrument :
BNA_F
ClientSampleId :
PB157610BS

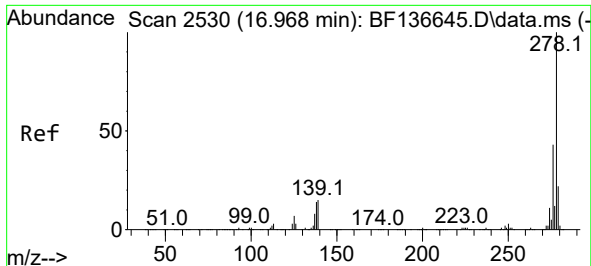
Tgt Ion:252 Resp: 463212
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 10.1 8.2 12.4



#90
Benzo(a)pyrene
Concen: 45.805 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:252 Resp: 406794
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 10.6 8.8 13.2

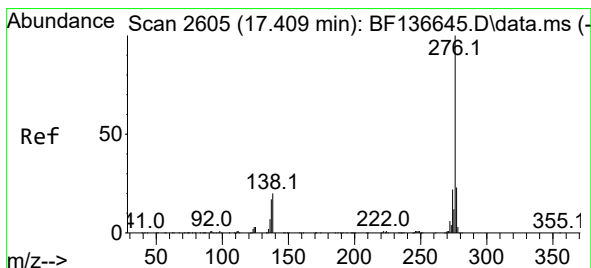
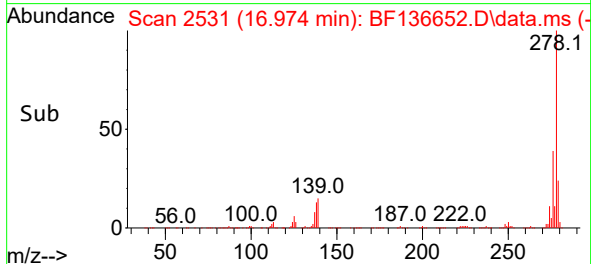
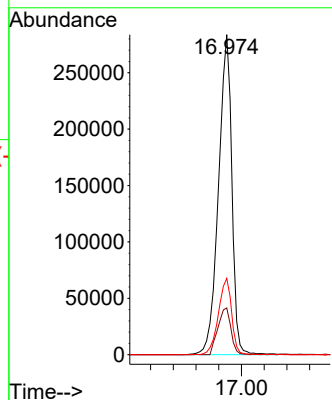
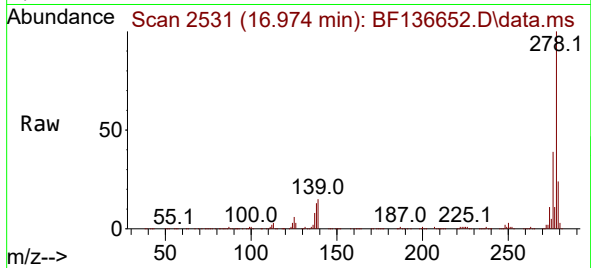




#91
Dibenzo(a,h)anthracene
Concen: 49.676 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Instrument :
BNA_F
ClientSampleId :
PB157610BS

Tgt Ion:278 Resp: 463520
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 23.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 48.277 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.000 min
Lab File: BF136652.D
Acq: 20 Dec 2023 17:30

Tgt Ion:276 Resp: 461370
Ion Ratio Lower Upper
276 100
277 23.2 18.3 27.5
138 20.5 15.6 23.4

