

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136991.D
 Acq On : 08 Jan 2024 11:40
 Operator : CG\JU
 Sample : PB158264BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158264BS

Quant Time: Jan 08 12:00:36 2024
 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	6.787	152	87471	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	367152	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	181695	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	332613	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157220	20.000	ng	0.00
86) Perylene-d12	15.457	264	139328	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	671083	119.706	ng	0.02
7) Phenol-d6	6.451	99	827219	113.877	ng	0.01
23) Nitrobenzene-d5	7.357	82	513768	71.605	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	229111	107.068	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	995426	73.686	ng	0.00
79) Terphenyl-d14	12.910	244	952499	84.664	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	67576	28.930	ng	95
3) Pyridine	3.405	79	160621	28.183	ng	94
4) n-Nitrosodimethylamine	3.363	42	114519	37.628	ng	97
6) Aniline	6.457	93	169857	23.388	ng	# 1
8) 2-Chlorophenol	6.581	128	267176	43.550	ng	94
9) Benzaldehyde	6.340	77	44653	10.807	ng	96
10) Phenol	6.463	94	314144	40.511	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	244894	41.527	ng	98
12) 1,3-Dichlorobenzene	6.728	146	259807	38.820	ng	98
13) 1,4-Dichlorobenzene	6.804	146	264189	38.634	ng	98
14) 1,2-Dichlorobenzene	6.951	146	249806	39.258	ng	99
15) Benzyl Alcohol	6.940	79	211139	43.084	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	379474	39.358	ng	64
17) 2-Methylphenol	7.057	107	207787	40.884	ng	# 92
18) Hexachloroethane	7.287	117	93400	37.609	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	181839	41.294	ng	93
20) 3+4-Methylphenols	7.210	107	258542	40.719	ng	# 58
22) Acetophenone	7.198	105	360915	39.219	ng	# 89
24) Nitrobenzene	7.375	77	262916	36.580	ng	94
25) Isophorone	7.610	82	497088	38.075	ng	99
26) 2-Nitrophenol	7.687	139	140727	40.923	ng	98
27) 2,4-Dimethylphenol	7.728	122	210369	50.249	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	304836	38.412	ng	100
29) 2,4-Dichlorophenol	7.934	162	207462	38.491	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	228448	38.041	ng	98
31) Naphthalene	8.087	128	762342	37.795	ng	100
32) Benzoic acid	7.893	122	144373	35.641	ng	98
33) 4-Chloroaniline	8.140	127	159718	21.447	ng	97
34) Hexachlorobutadiene	8.198	225	131594	36.067	ng	99
35) Caprolactam	8.534	113	47011	26.439	ng	91
36) 4-Chloro-3-methylphenol	8.640	107	223336	36.807	ng	98
37) 2-Methylnaphthalene	8.781	142	487160	37.529	ng	99
38) 1-Methylnaphthalene	8.875	142	459403	36.073	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	231648	41.167	ng	98
41) Hexachlorocyclopentadiene	8.928	237	116866	66.048	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	143902	39.876	ng	98

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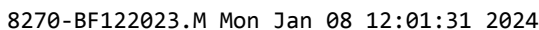
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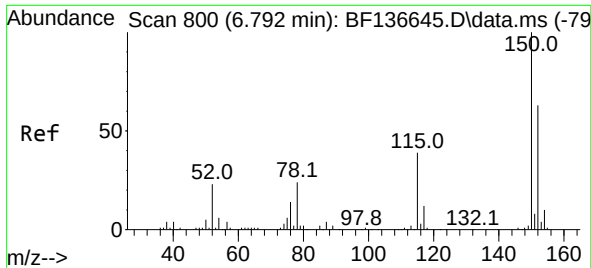
Quant Time: Jan 08 12:00:36 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	151957	37.787	ng	# 94
46) 1,1'-Biphenyl	9.245	154	600893	39.411	ng	99
47) 2-Chloronaphthalene	9.269	162	453210	39.100	ng	99
48) 2-Nitroaniline	9.375	65	140970	38.838	ng	96
49) Acenaphthylene	9.687	152	706258	39.864	ng	100
50) Dimethylphthalate	9.551	163	522737	39.388	ng	100
51) 2,6-Dinitrotoluene	9.622	165	112717	37.423	ng	95
52) Acenaphthene	9.857	154	426648	38.849	ng	98
53) 3-Nitroaniline	9.792	138	99721	31.254	ng	94
54) 2,4-Dinitrophenol	9.910	184	110918	67.079	ng	95
55) Dibenzofuran	10.034	168	626443	37.630	ng	98
56) 4-Nitrophenol	9.981	139	133182	61.834	ng	91
57) 2,4-Dinitrotoluene	10.034	165	140511	35.935	ng	95
58) Fluorene	10.375	166	509836	38.597	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	125578	40.567	ng	95
60) Diethylphthalate	10.251	149	520606	37.807	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	245986	38.312	ng	93
62) 4-Nitroaniline	10.416	138	98918	32.160	ng	93
63) Azobenzene	10.528	77	480615	37.369	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	76201	39.975	ng	88
66) n-Nitrosodiphenylamine	10.492	169	448370	41.497	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	148766	40.273	ng	99
68) Hexachlorobenzene	10.928	284	167656	40.728	ng	98
69) Atrazine	11.022	200	106902	38.683	ng	95
70) Pentachlorophenol	11.128	266	110474	57.575	ng	98
71) Phenanthrene	11.345	178	697479	40.868	ng	100
72) Anthracene	11.398	178	693483	40.123	ng	100
73) Carbazole	11.557	167	628293	38.556	ng	100
74) Di-n-butylphthalate	11.880	149	804623	40.465	ng	99
75) Fluoranthene	12.539	202	678671	37.177	ng	98
77) Benzidine	12.663	184	24276	5.237	ng	99
78) Pyrene	12.769	202	667088	43.223	ng	99
80) Butylbenzylphthalate	13.386	149	253981	45.225	ng	99
81) Benzo(a)anthracene	13.963	228	456845	41.846	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	126190	40.701	ng	99
83) Chrysene	14.004	228	427239	40.019	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	327414	46.338	ng	97
85) Di-n-octyl phthalate	14.563	149	476428	43.590	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	544398	54.117	ng	99
88) Benzo(b)fluoranthene	15.027	252	417142	44.826	ng	99
89) Benzo(k)fluoranthene	15.057	252	379589	43.169	ng	98
90) Benzo(a)pyrene	15.398	252	360114	45.845	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	456537	55.318	ng	98
92) Benzo(g,h,i)perylene	17.451	276	455565	53.895	ng	99

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

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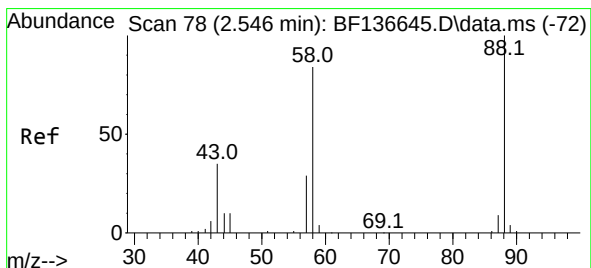
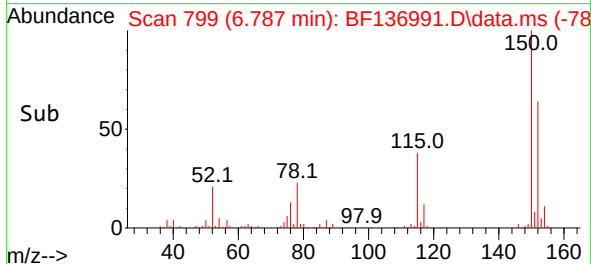
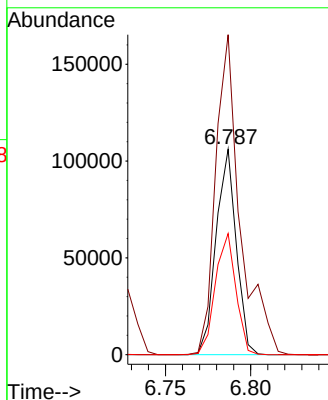
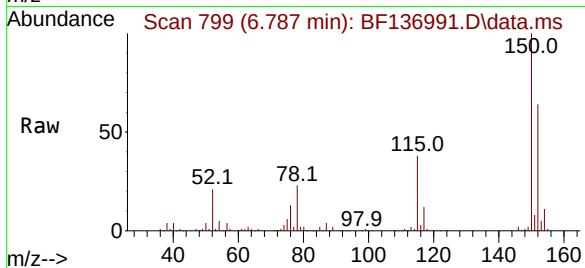




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

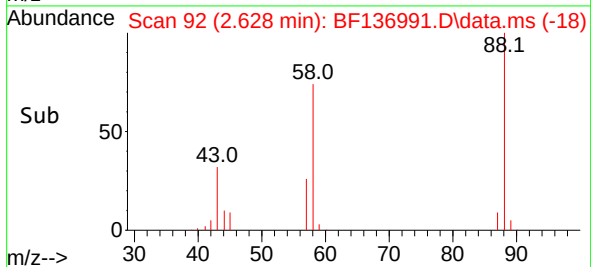
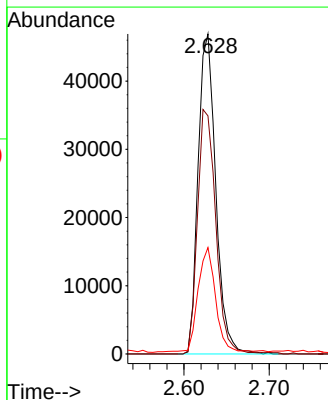
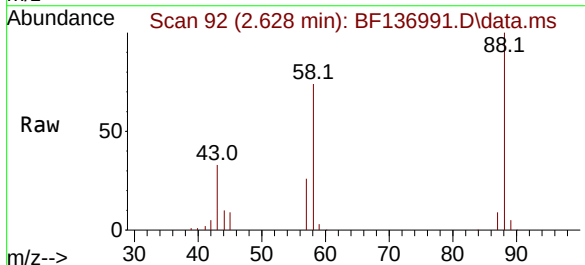
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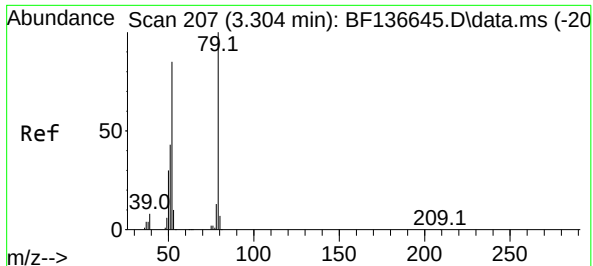
Tgt Ion:152 Resp: 87471
 Ion Ratio Lower Upper
 152 100
 150 155.8 127.0 190.6
 115 59.0 49.0 73.4



#2
 1,4-Dioxane
 Concen: 28.930 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.083 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

Tgt Ion: 88 Resp: 67576
 Ion Ratio Lower Upper
 88 100
 58 78.9 67.4 101.0
 43 33.1 27.7 41.5

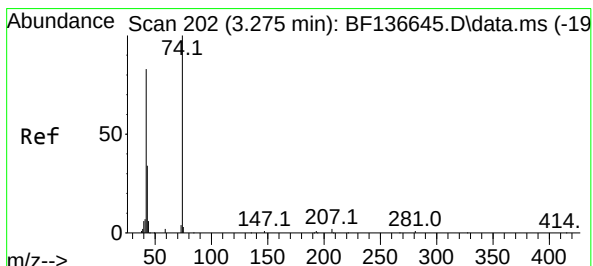
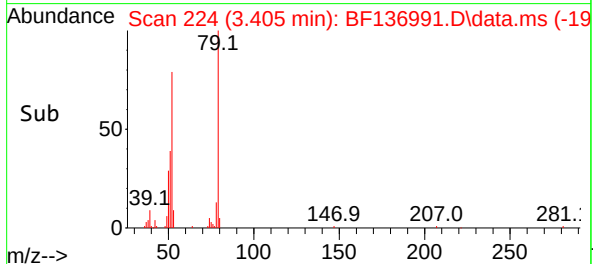
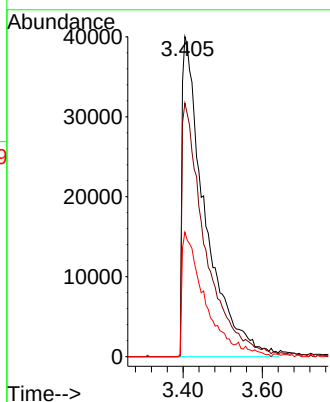
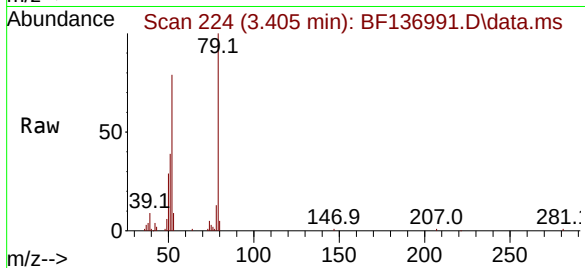




#3
 Pyridine
 Concen: 28.183 ng
 RT: 3.405 min Scan# 217
 Delta R.T. 0.100 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

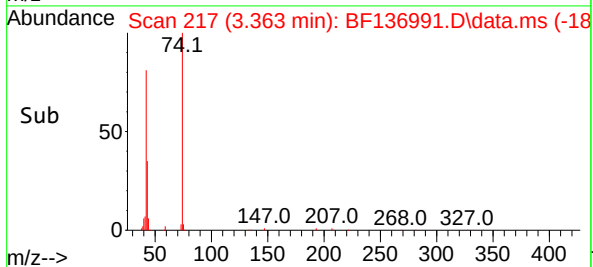
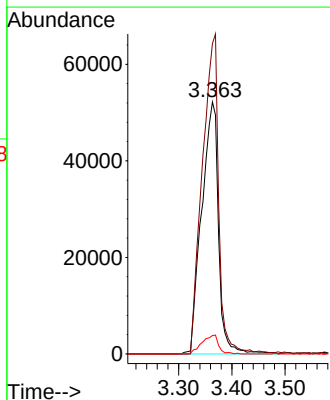
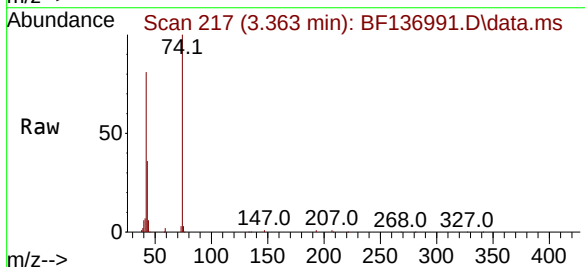
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 ClientSampleId :
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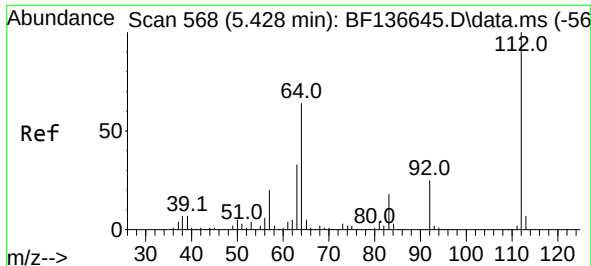
Tgt Ion: 79 Resp: 160621
 Ion Ratio Lower Upper
 79 100
 52 79.2 67.7 101.5
 51 38.9 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 37.628 ng
 RT: 3.363 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

Tgt Ion: 42 Resp: 114519
 Ion Ratio Lower Upper
 42 100
 74 123.1 96.0 144.0
 44 7.3 5.4 8.2

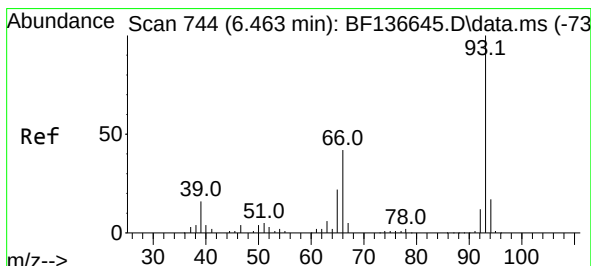
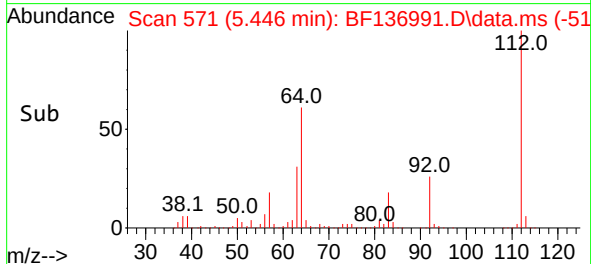
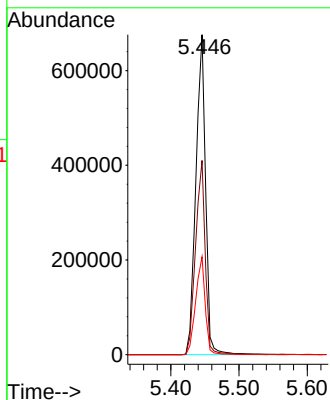
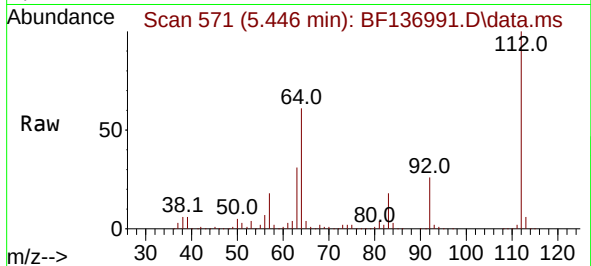




#5
2-Fluorophenol
Concen: 119.706 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

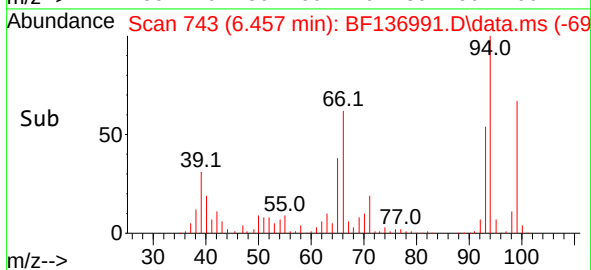
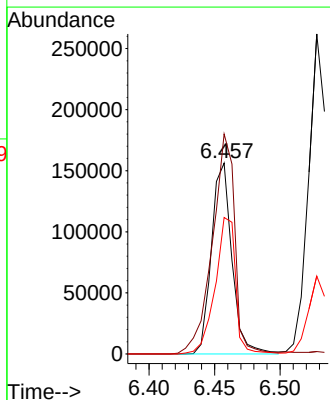
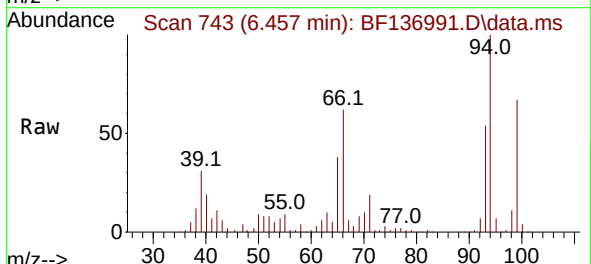
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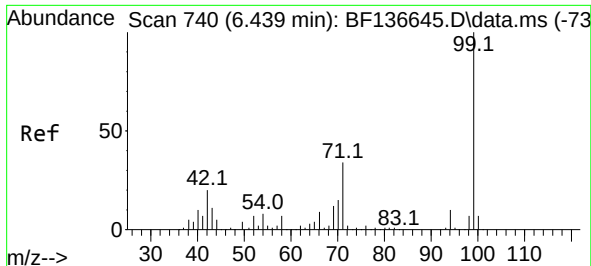
Tgt Ion:112 Resp: 671083
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 30.6 26.1 39.1



#6
Aniline
Concen: 23.388 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion: 93 Resp: 169857
Ion Ratio Lower Upper
93 100
66 115.3 34.6 51.8#
65 71.4 17.8 26.8#

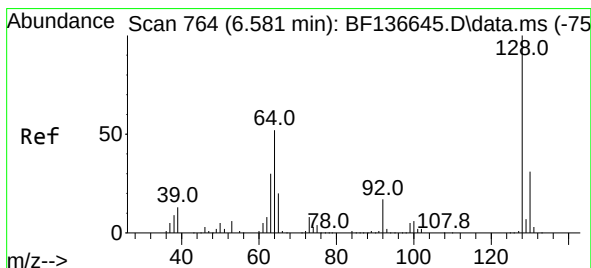
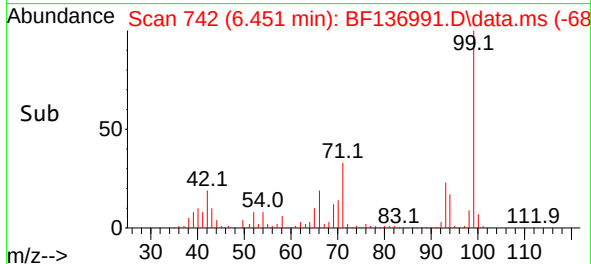
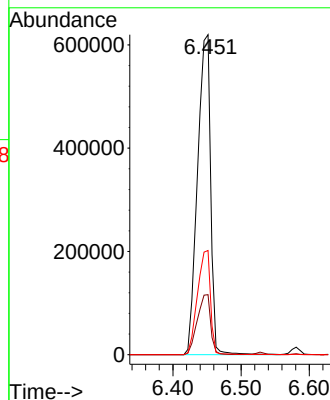
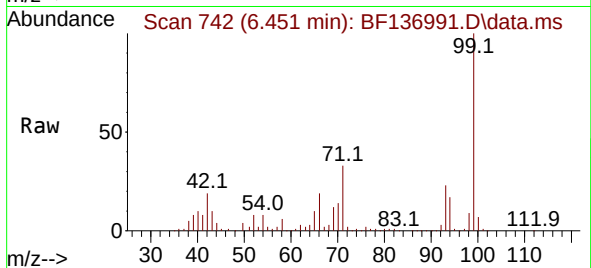




#7
Phenol-d6
Concen: 113.877 ng
RT: 6.451 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

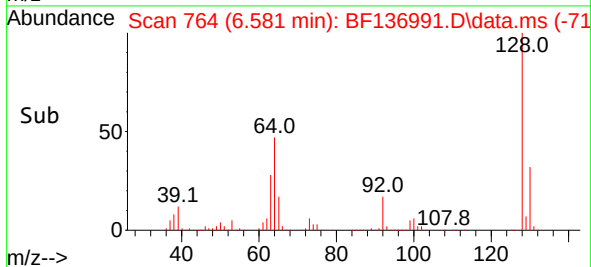
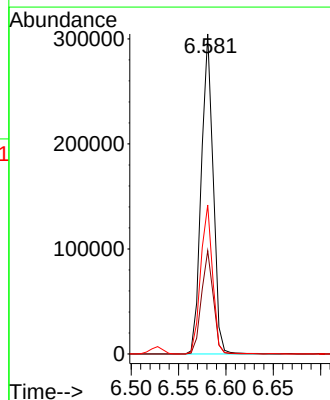
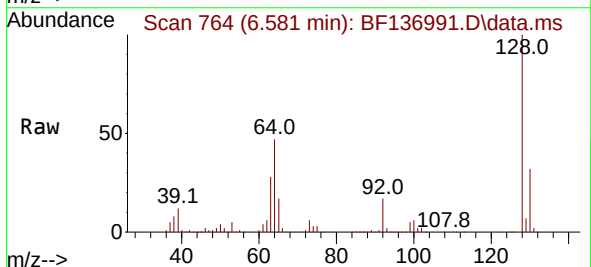
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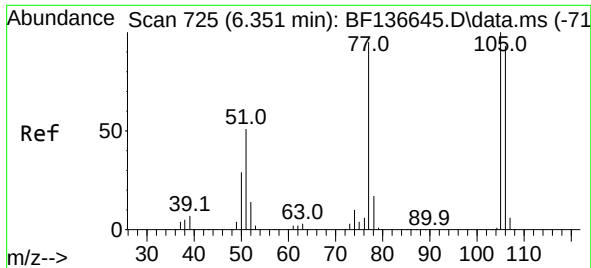
Tgt Ion: 99 Resp: 827219
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 32.5 27.4 41.2



#8
2-Chlorophenol
Concen: 43.550 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:128 Resp: 267176
Ion Ratio Lower Upper
128 100
130 32.3 11.3 51.3
64 46.6 32.5 72.5

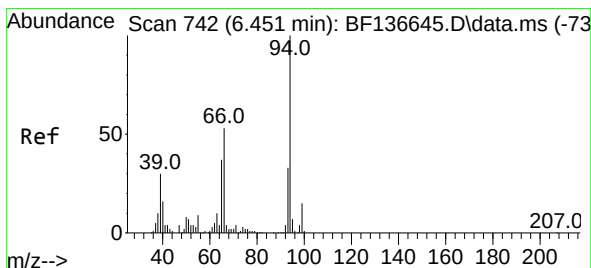
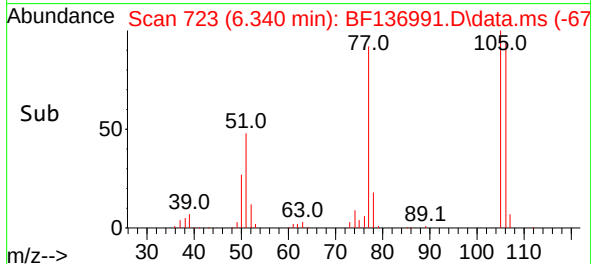
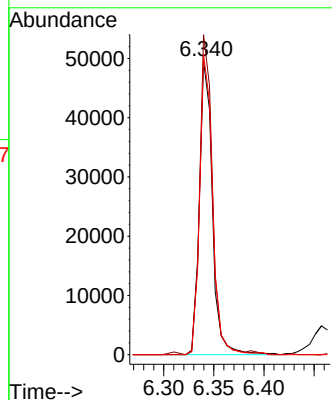
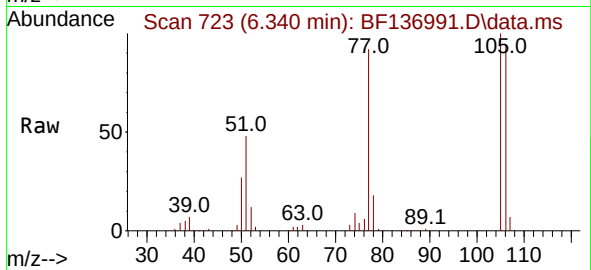




#9
Benzaldehyde
Concen: 10.807 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

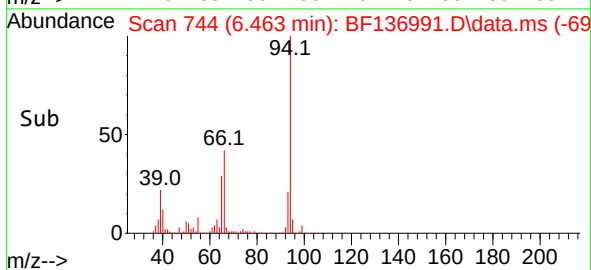
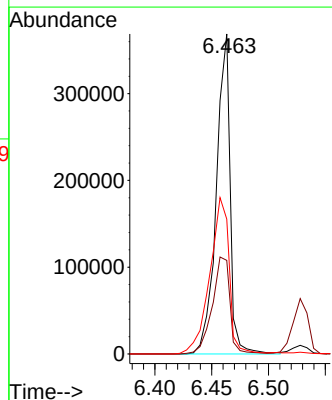
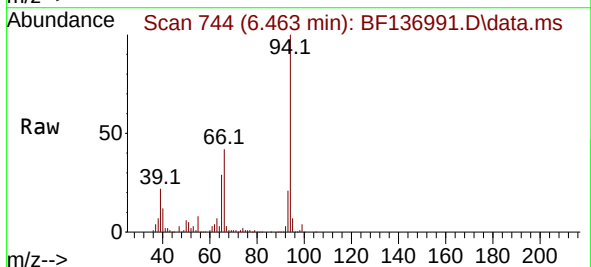
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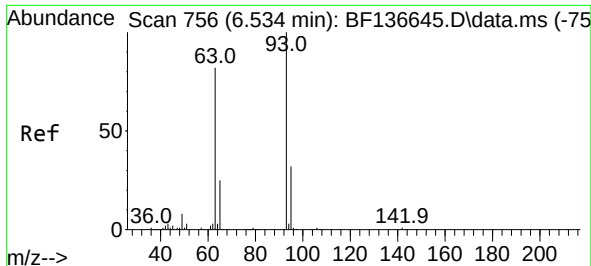
Tgt Ion: 77 Resp: 44653
Ion Ratio Lower Upper
77 100
105 109.0 84.8 124.8
106 102.3 77.8 117.8



#10
Phenol
Concen: 40.511 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion: 94 Resp: 314144
Ion Ratio Lower Upper
94 100
65 29.2 16.6 56.6
66 42.2 32.6 72.6

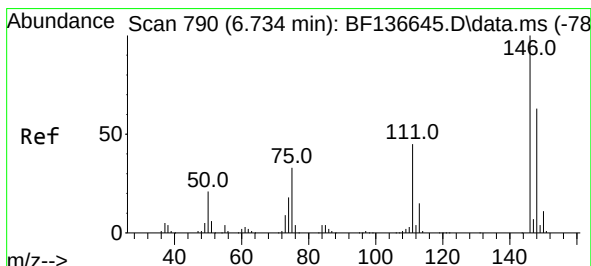
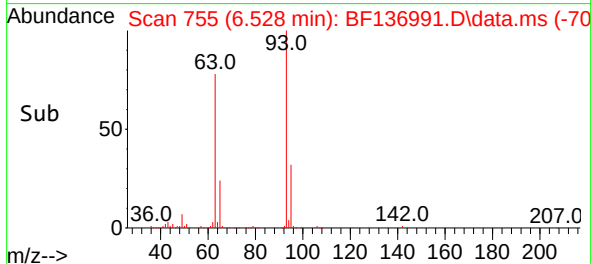
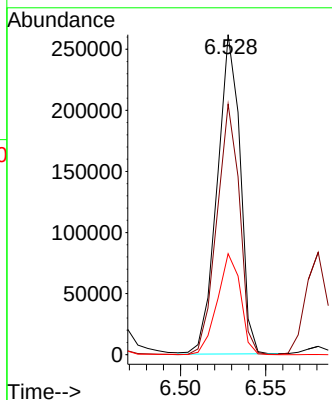
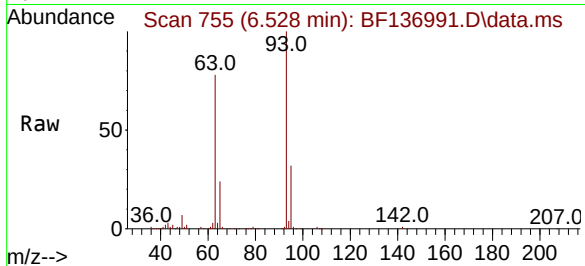




#11
bis(2-Chloroethyl)ether
Concen: 41.527 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

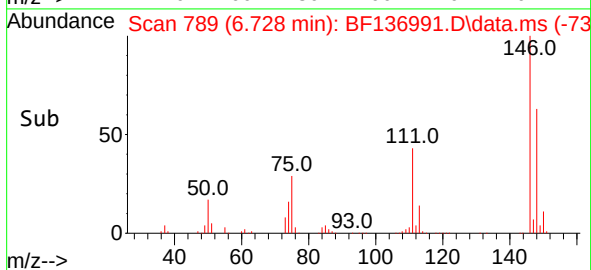
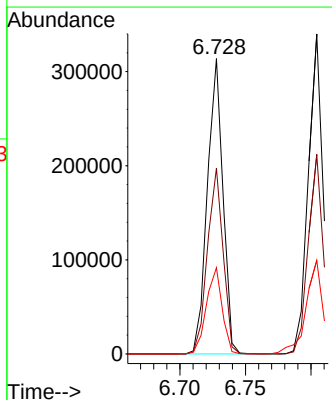
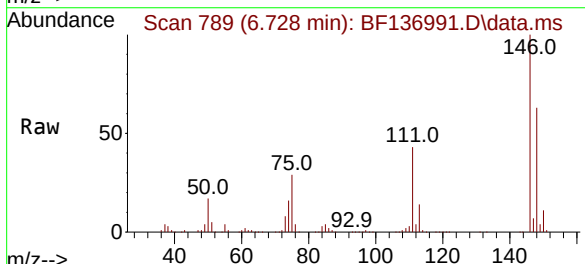
Instrument :
BNA_F
ClientSampleId :
PB158264BS

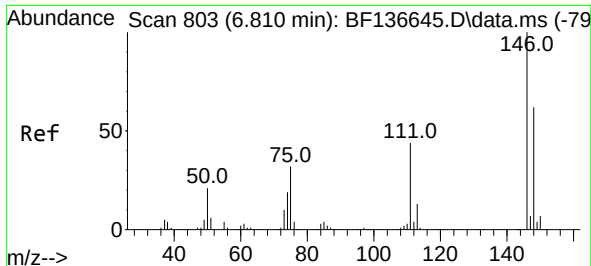
Tgt Ion: 93 Resp: 244894
Ion Ratio Lower Upper
93 100
63 78.3 61.2 101.2
95 31.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.820 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:146 Resp: 259807
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 29.2 26.2 39.4

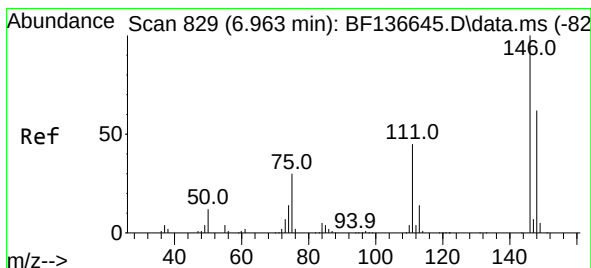
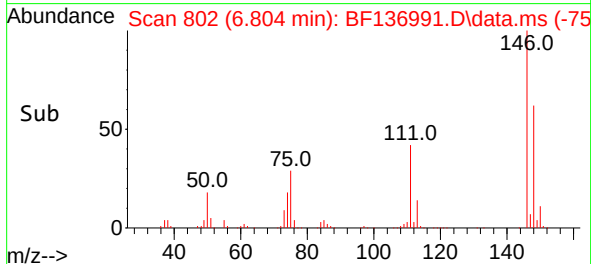
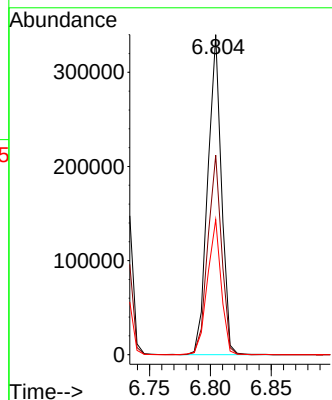
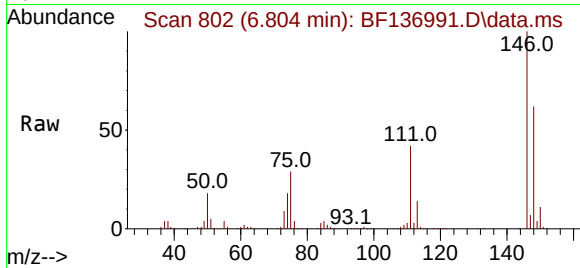




#13
1,4-Dichlorobenzene
Concen: 38.634 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

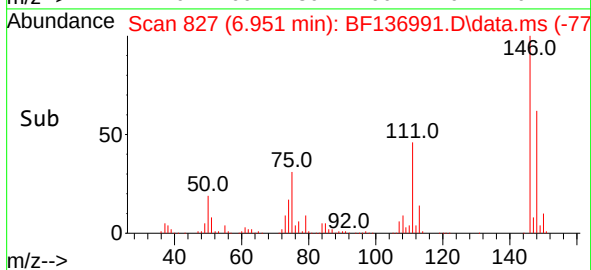
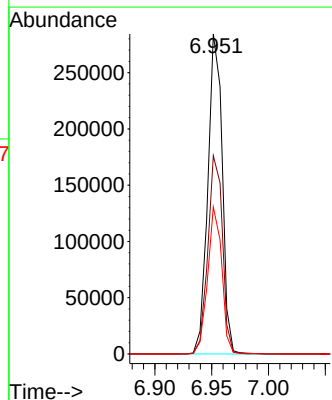
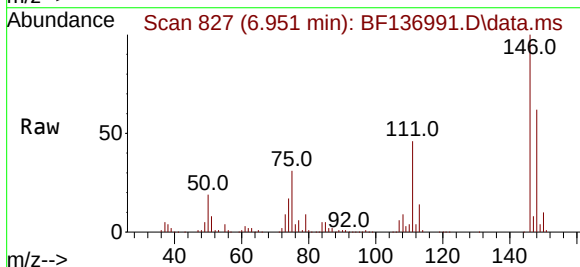
Instrument :
BNA_F
ClientSampleId :
PB158264BS

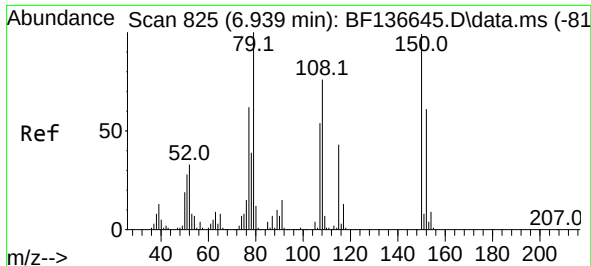
Tgt Ion:146 Resp: 264189
Ion Ratio Lower Upper
146 100
148 62.4 49.2 73.8
111 42.2 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 39.258 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:146 Resp: 249806
Ion Ratio Lower Upper
146 100
148 62.0 49.6 74.4
111 46.0 36.2 54.2

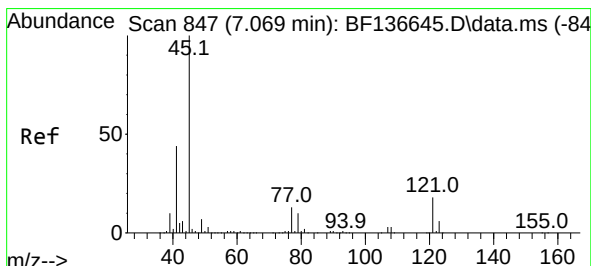
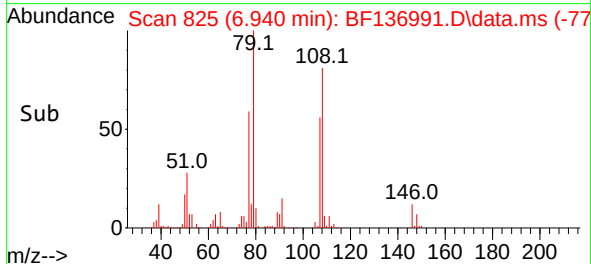
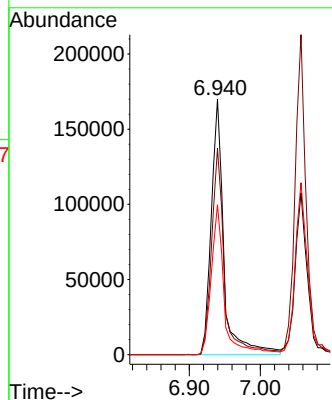
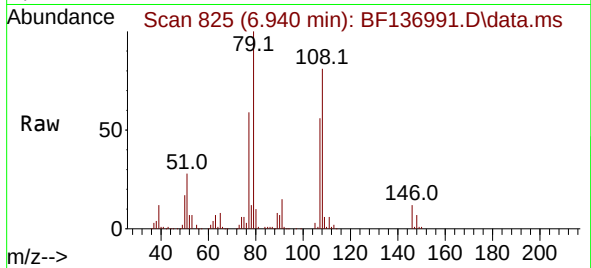




#15
Benzyl Alcohol
Concen: 43.084 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

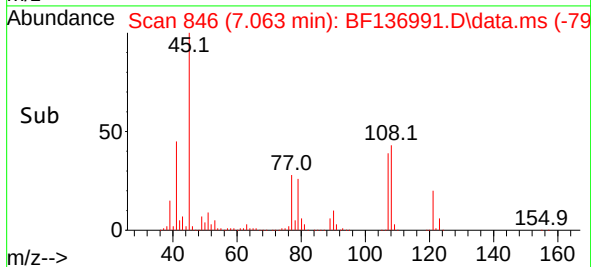
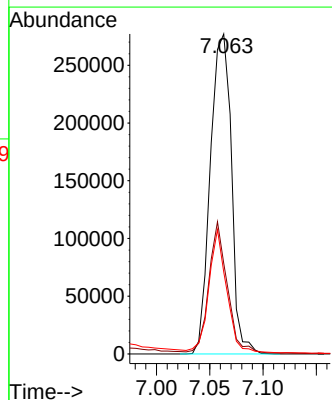
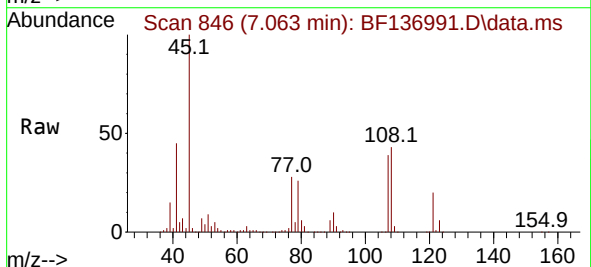
Instrument :
BNA_F
ClientSampleId :
PB158264BS

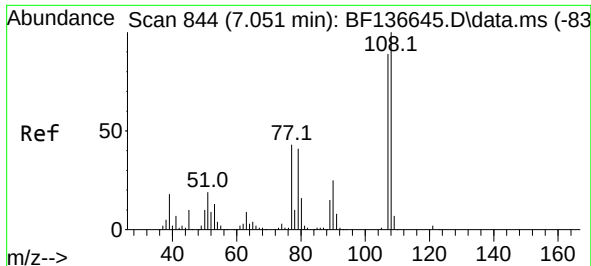
Tgt Ion: 79 Resp: 211139
Ion Ratio Lower Upper
79 100
108 80.7 61.0 91.6
77 58.7 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.358 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion: 45 Resp: 379474
Ion Ratio Lower Upper
45 100
77 28.4 0.0 34.3
79 25.6 0.0 31.4

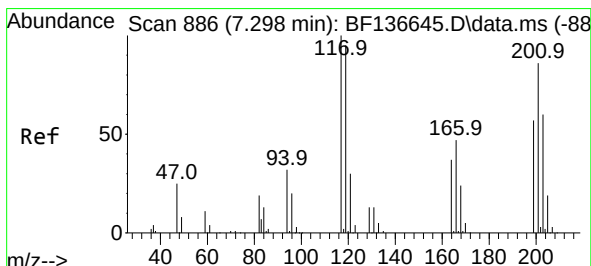
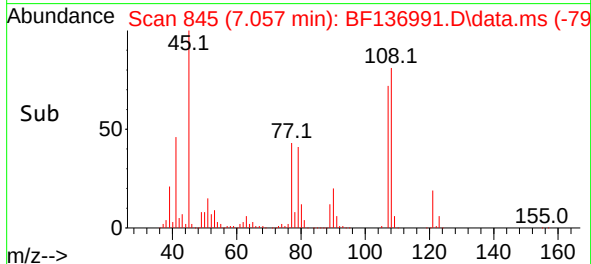
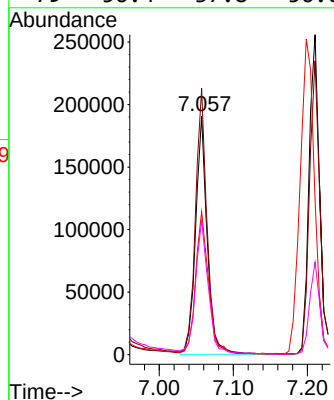
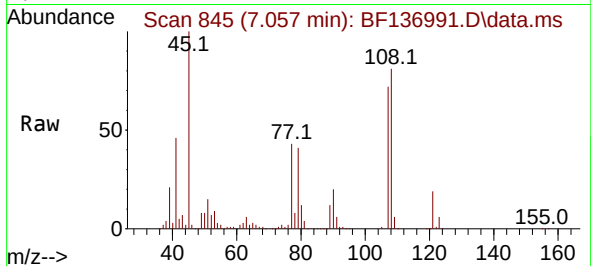




#17
2-Methylphenol
Concen: 40.884 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

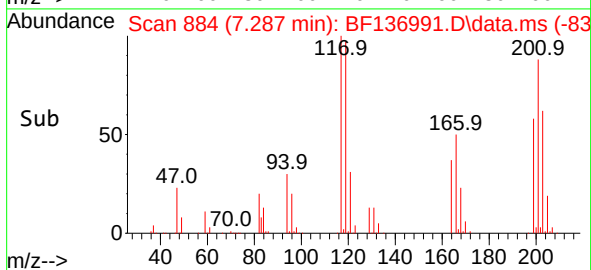
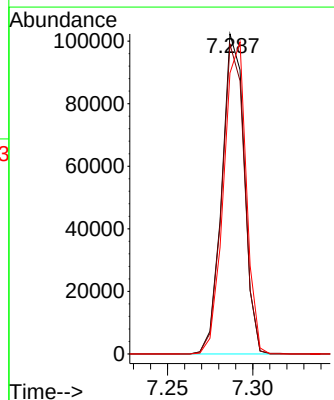
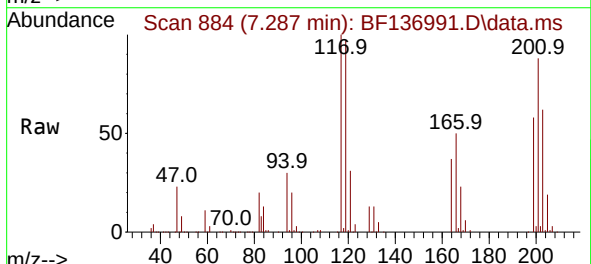
Instrument :
BNA_F
ClientSampleId :
PB158264BS

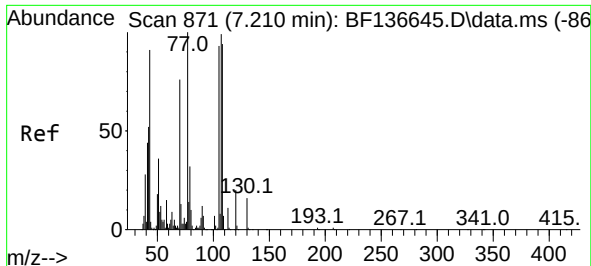
Tgt Ion:107 Resp: 207787
Ion Ratio Lower Upper
107 100
108 111.5 90.3 135.5
77 59.9 38.7 58.1#
79 56.4 37.8 56.6



#18
Hexachloroethane
Concen: 37.609 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:117 Resp: 93400
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.6
201 87.8 69.1 103.7



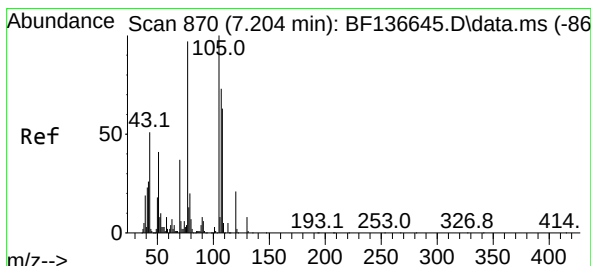
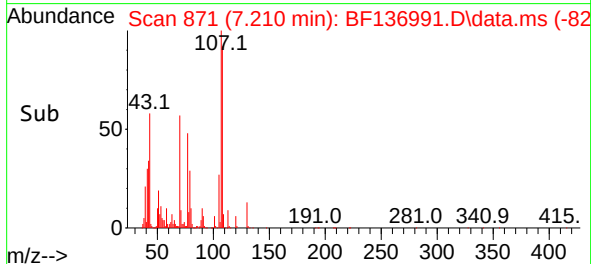
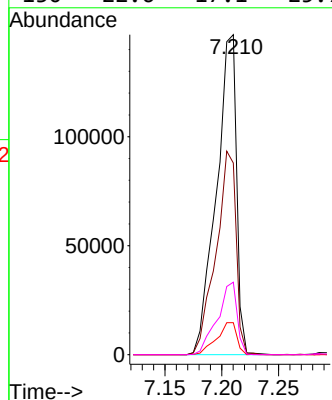
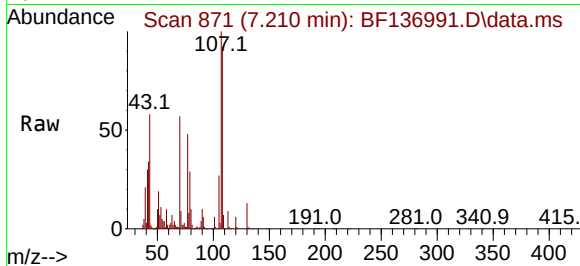


#19
n-Nitroso-di-n-propylamine
Concen: 41.294 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Instrument :
BNA_F
ClientSampleId :
PB158264BS

Tgt Ion: 70 Resp: 181839

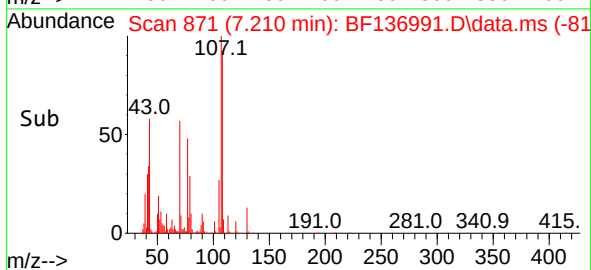
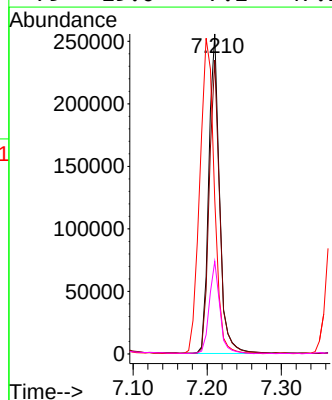
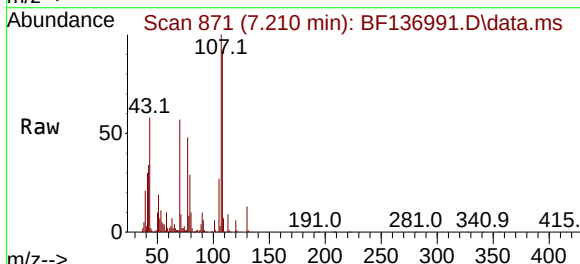
Ion	Ratio	Lower	Upper
70	100		
42	59.9	54.2	81.4
101	10.0	7.6	11.4
130	22.6	17.1	25.7

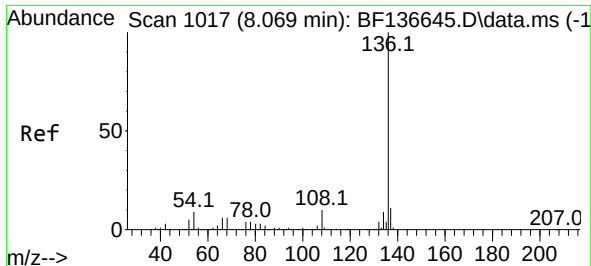


#20
3+4-Methylphenols
Concen: 40.719 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion: 107 Resp: 258542

Ion	Ratio	Lower	Upper
107	100		
108	91.9	66.0	106.0
77	48.2	114.2	154.2#
79	29.0	7.2	47.2

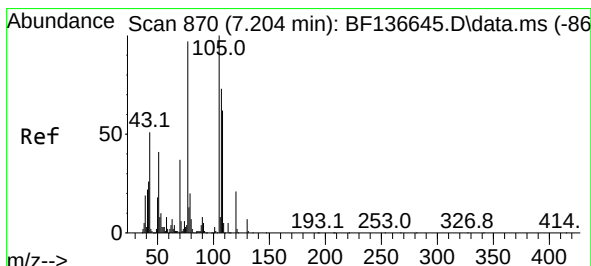
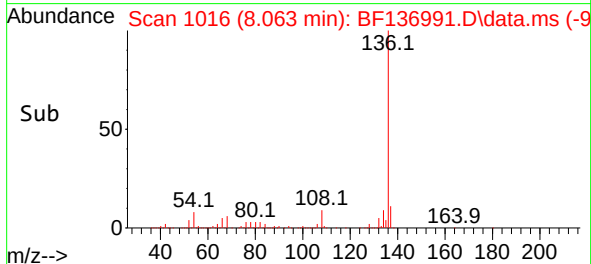
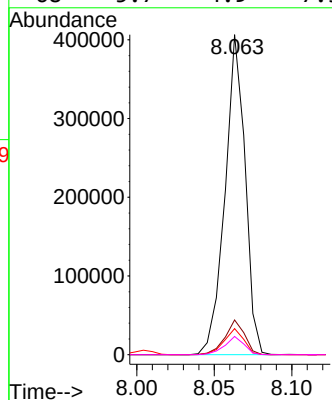
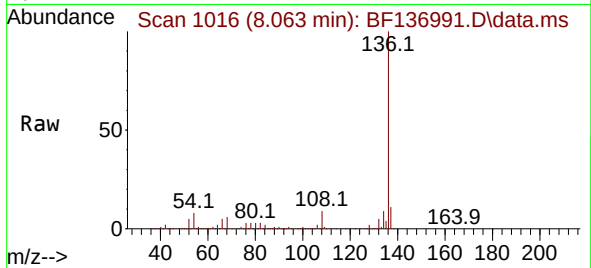




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

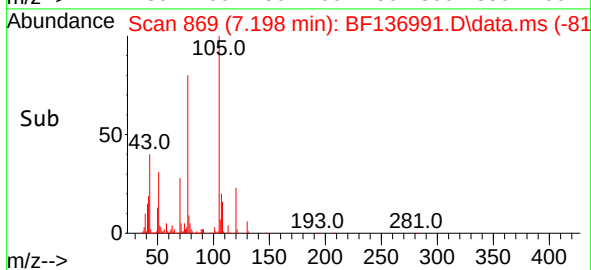
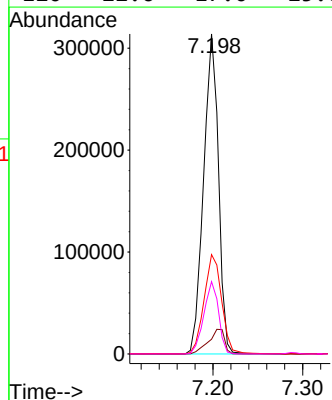
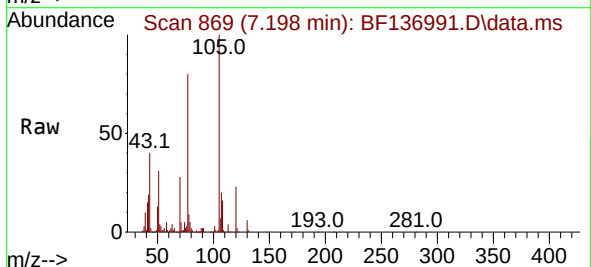
Instrument :
BNA_F
ClientSampleId :
PB158264BS

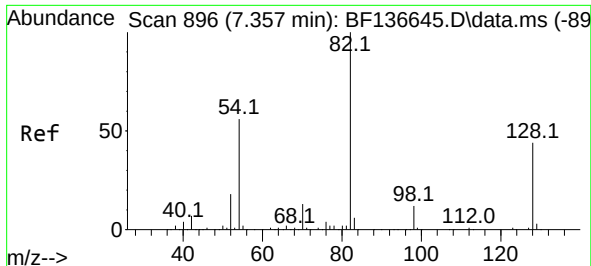
Tgt Ion:136	Resp: 367152
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 8.2	7.2 10.8
68 5.7	4.9 7.3



#22
Acetophenone
Concen: 39.219 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt	Ion:105	Resp:	360915
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.8	7.2#
51	31.0	32.8	49.2#
120	22.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 71.605 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

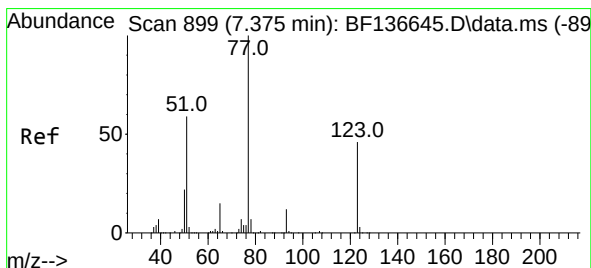
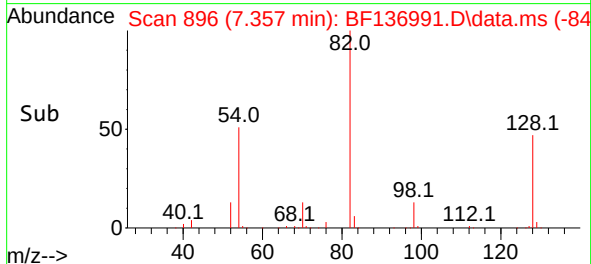
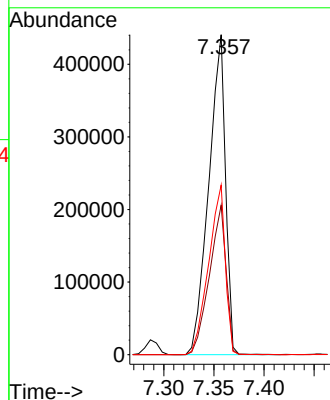
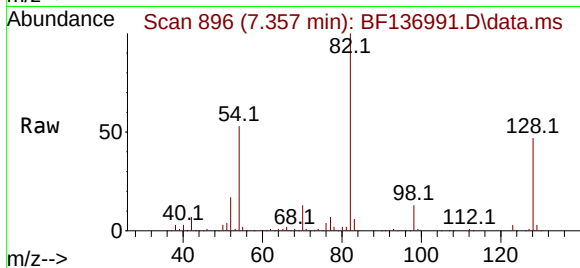
Tgt Ion: 82 Resp: 513768

Ion Ratio Lower Upper

82 100

128 46.7 35.3 52.9

54 53.0 44.5 66.7



#24

Nitrobenzene

Concen: 36.580 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

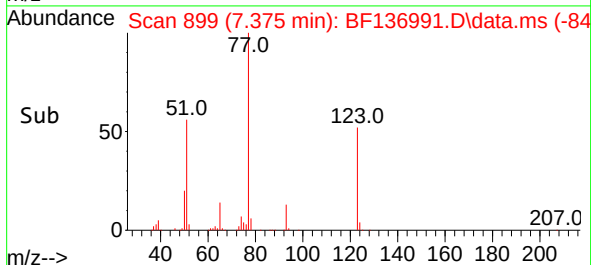
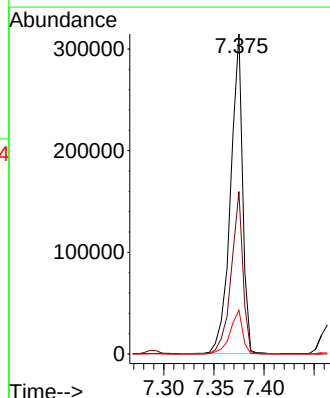
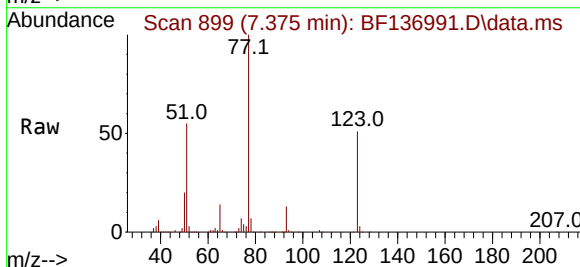
Tgt Ion: 77 Resp: 262916

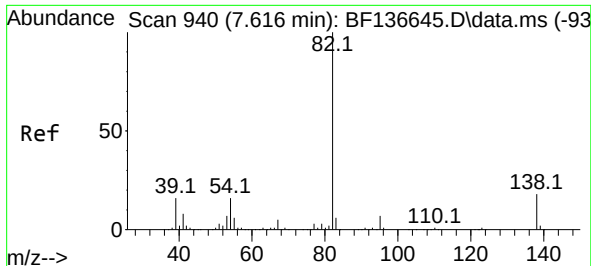
Ion Ratio Lower Upper

77 100

123 50.8 36.7 55.1

65 13.7 11.8 17.6

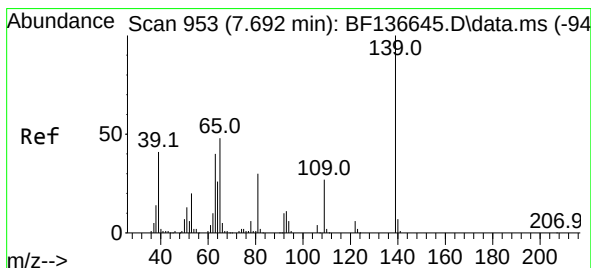
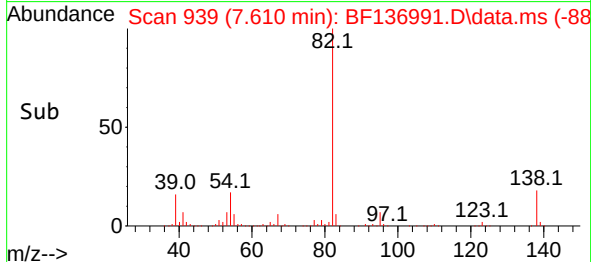
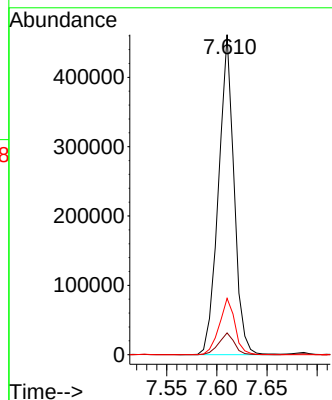
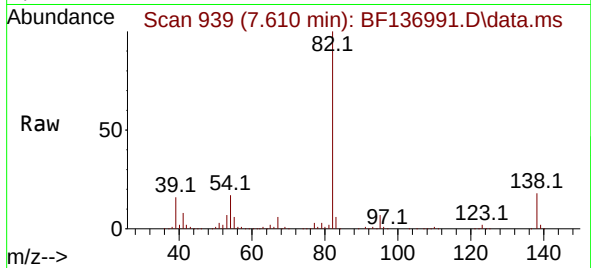




#25
Isophorone
Concen: 38.075 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

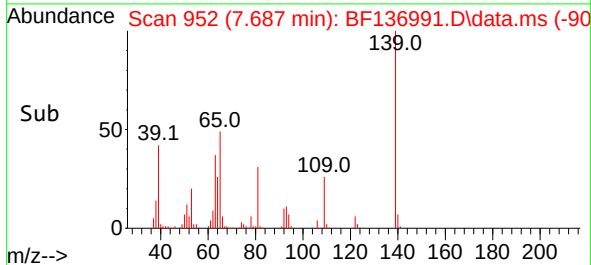
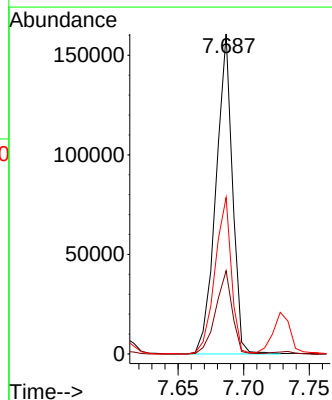
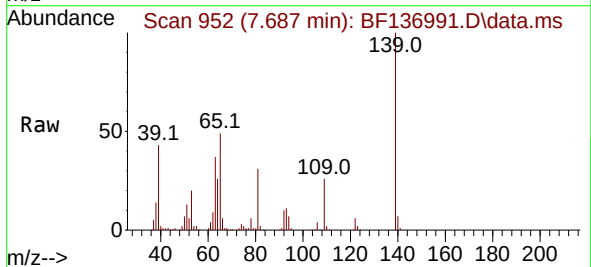
Instrument :
BNA_F
ClientSampleId :
PB158264BS

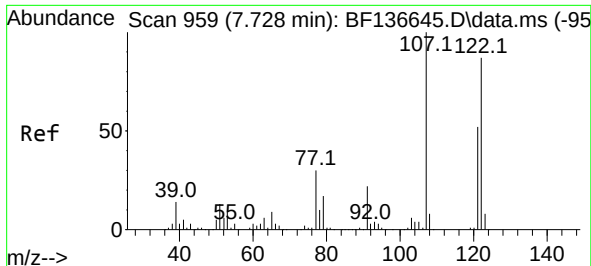
Tgt Ion: 82 Resp: 497088
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 40.923 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:139 Resp: 140727
Ion Ratio Lower Upper
139 100
109 26.0 21.9 32.9
65 48.9 38.6 58.0

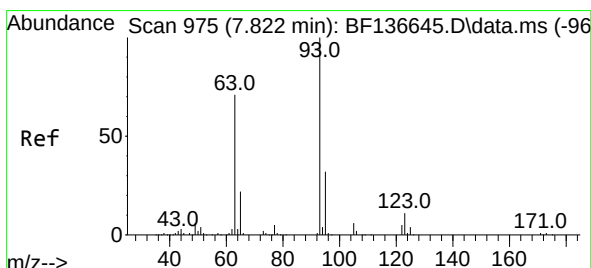
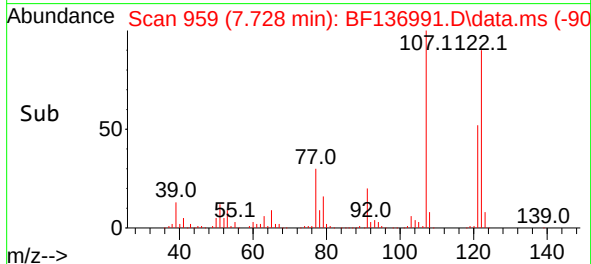
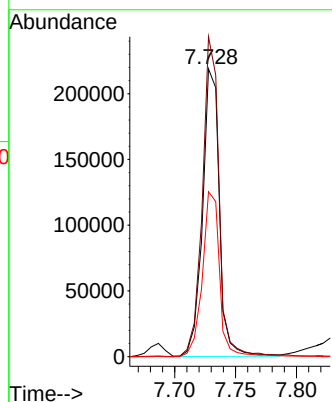
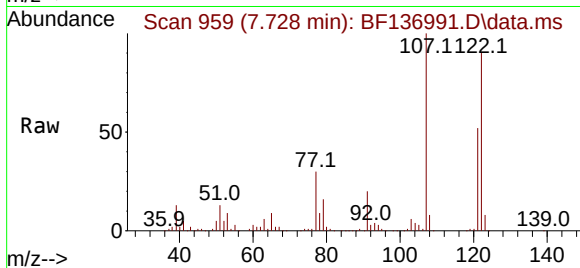




#27
2,4-Dimethylphenol
Concen: 50.249 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

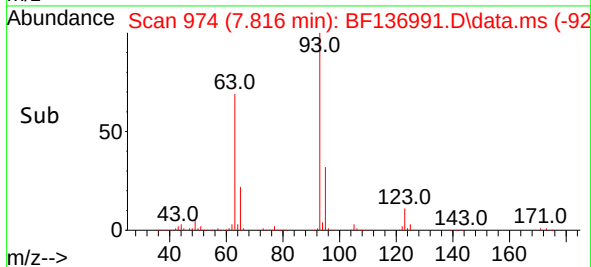
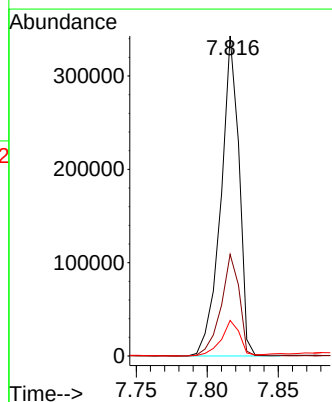
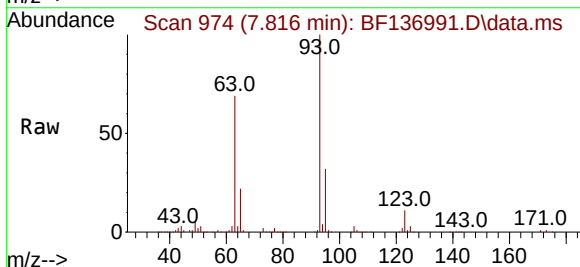
Instrument :
BNA_F
ClientSampleId :
PB158264BS

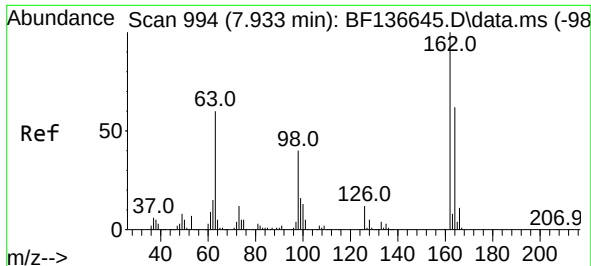
Tgt Ion:122 Resp: 210369
Ion Ratio Lower Upper
122 100
107 111.2 92.0 138.0
121 57.3 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.412 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion: 93 Resp: 304836
Ion Ratio Lower Upper
93 100
95 31.8 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.491 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

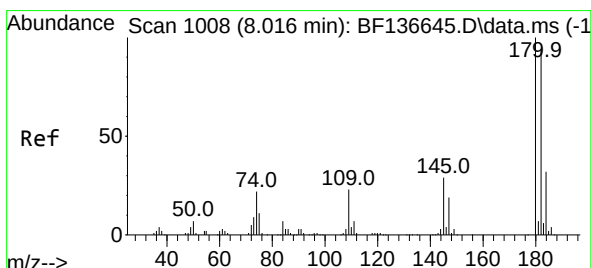
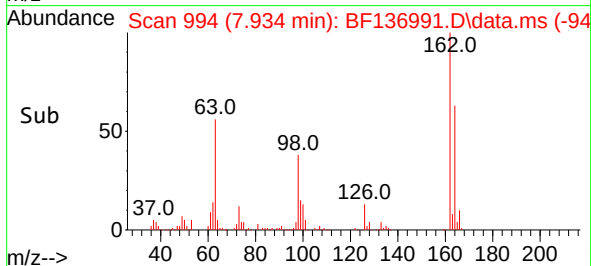
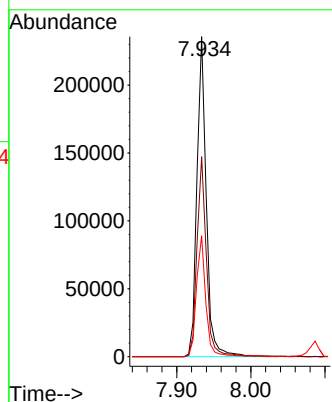
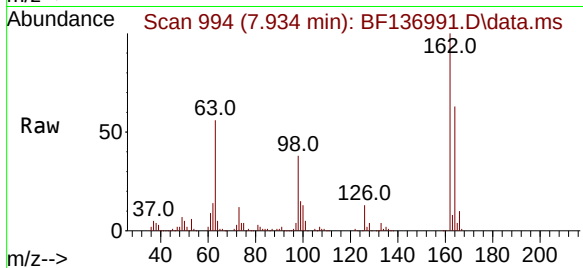
Tgt Ion:162 Resp: 207462

Ion Ratio Lower Upper

162 100

164 62.5 41.7 81.7

98 37.8 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.041 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

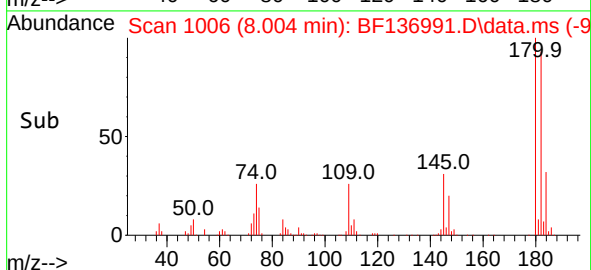
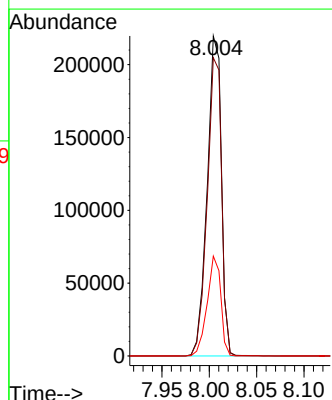
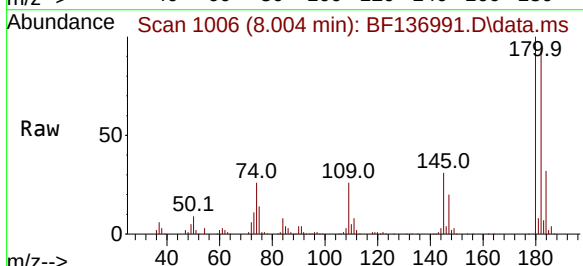
Tgt Ion:180 Resp: 228448

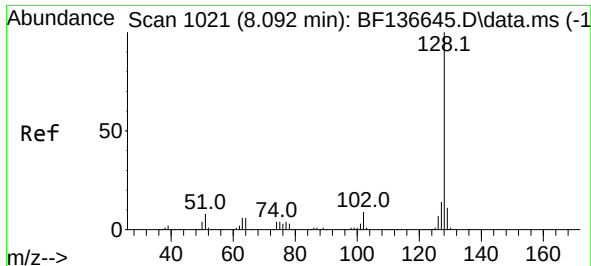
Ion Ratio Lower Upper

180 100

182 93.2 75.4 113.0

145 31.2 23.1 34.7

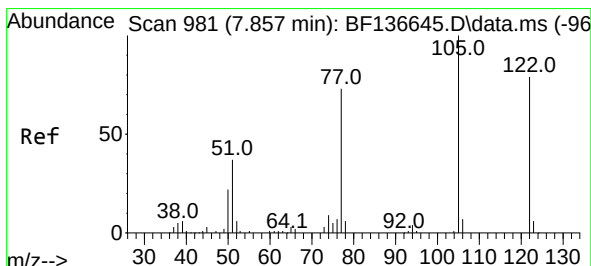
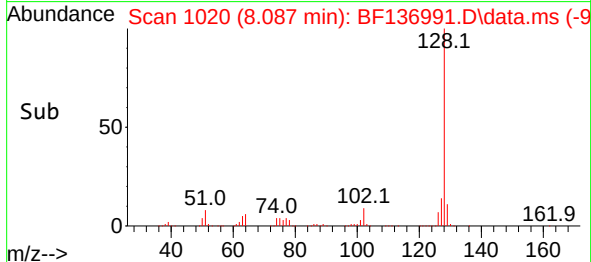
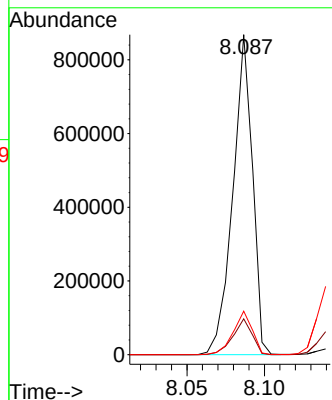
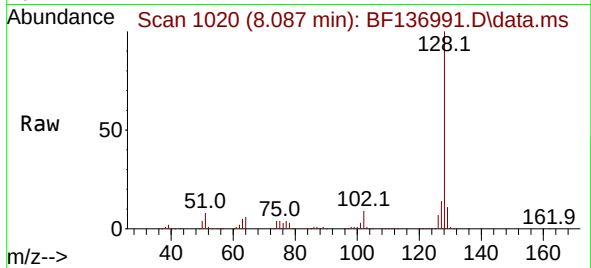




#31
Naphthalene
Concen: 37.795 ng
RT: 8.087 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

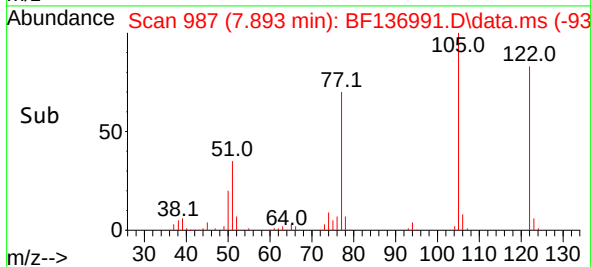
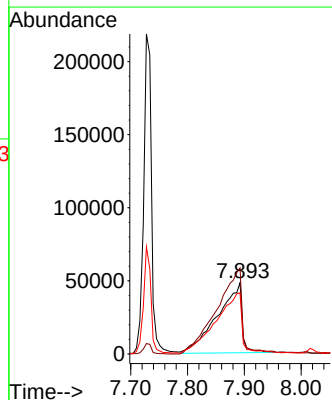
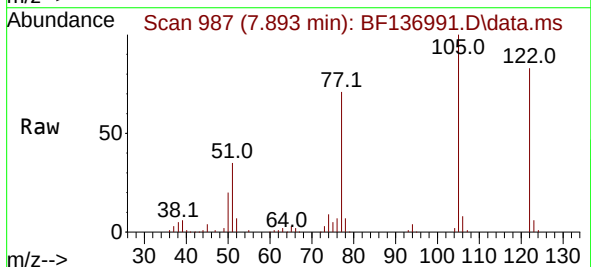
Instrument :
BNA_F
ClientSampleId :
PB158264BS

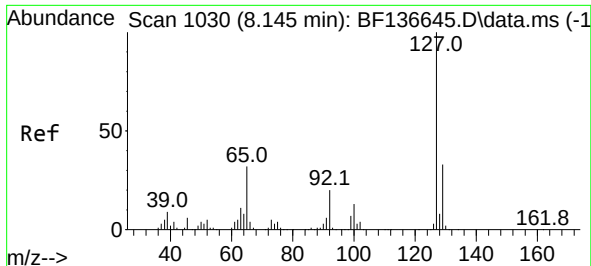
Tgt Ion:128 Resp: 762342
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 35.641 ng
RT: 7.893 min Scan# 987
Delta R.T. 0.036 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:122 Resp: 144373
Ion Ratio Lower Upper
122 100
105 120.8 100.8 140.8
77 86.0 70.9 110.9

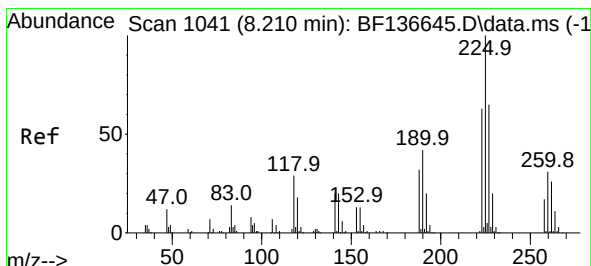
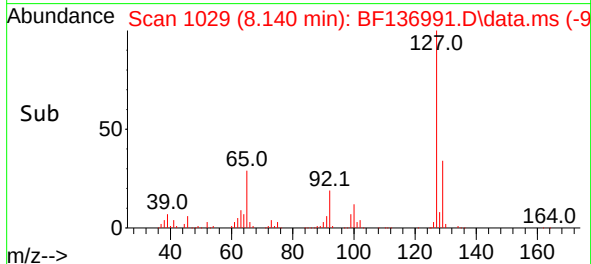
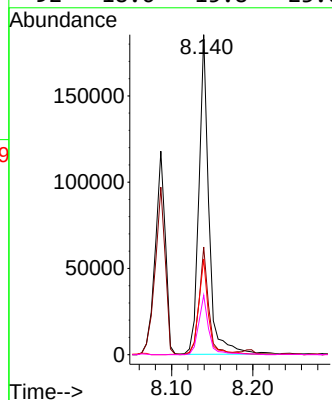
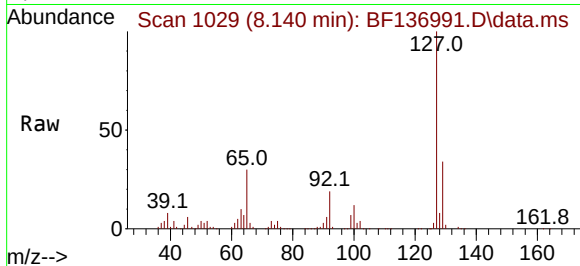




#33
4-Chloroaniline
Concen: 21.447 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

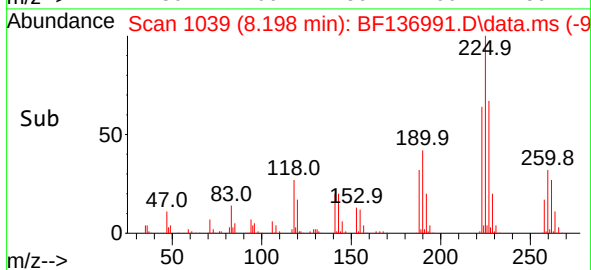
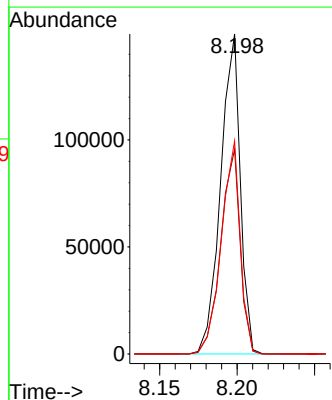
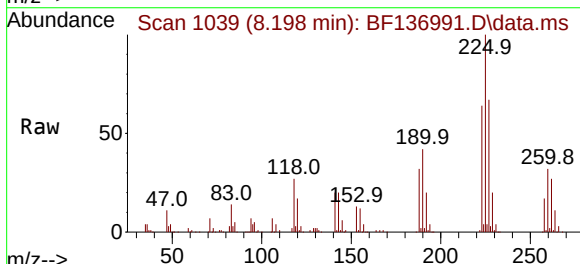
Instrument :
BNA_F
ClientSampleId :
PB158264BS

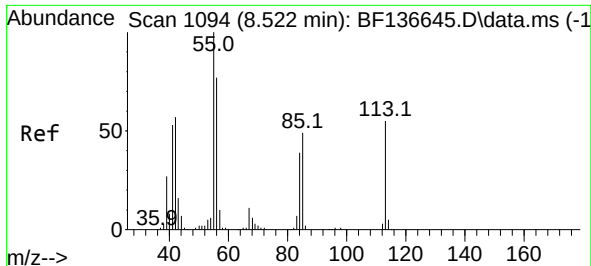
Tgt Ion:	127	Resp:	159718
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.3	39.5
65	29.9	25.8	38.8
92	18.6	15.8	23.6



#34
Hexachlorobutadiene
Concen: 36.067 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:	225	Resp:	131594
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	66.5	51.9	77.9

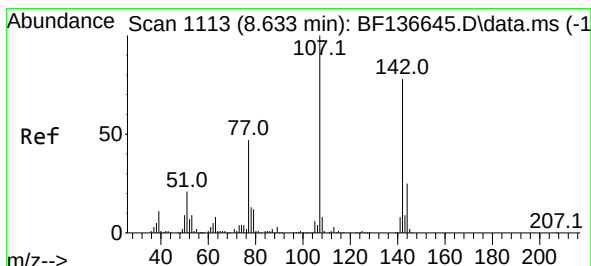
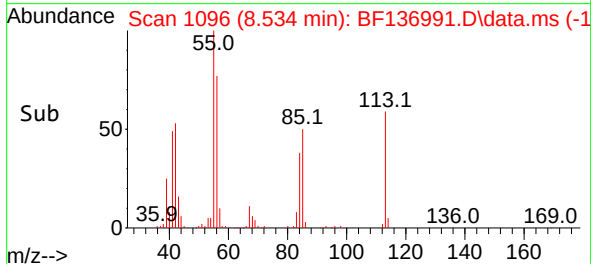
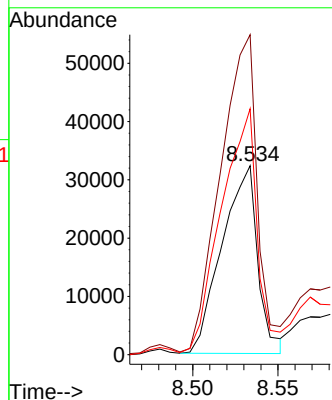
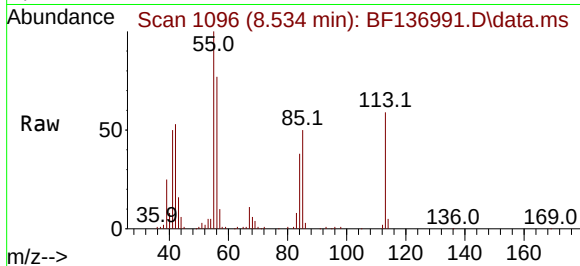




#35
 Caprolactam
 Concen: 26.439 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. 0.012 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

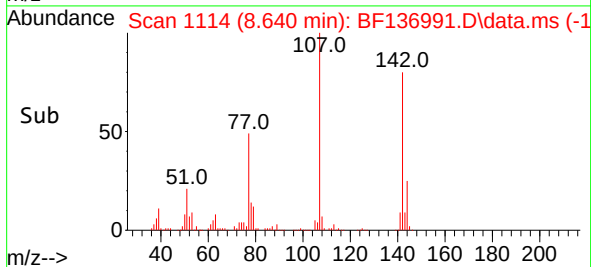
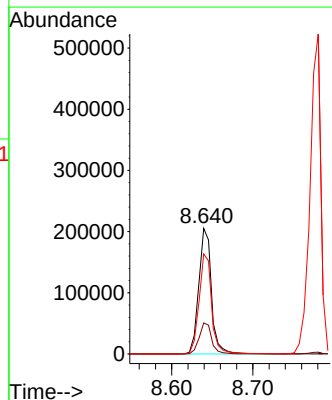
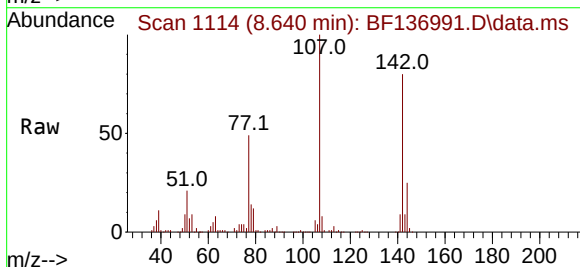
Instrument :
 BNA_F
 ClientSampleId :
 PB158264BS

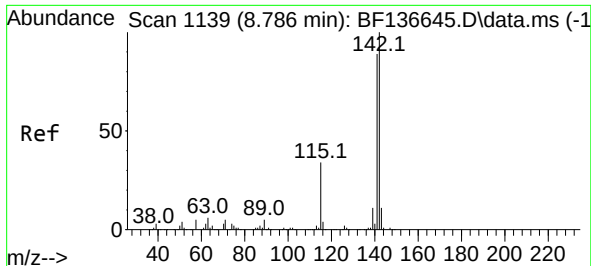
Tgt Ion:113 Resp: 47011
 Ion Ratio Lower Upper
 113 100
 55 169.4 163.1 203.1
 56 130.2 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 36.807 ng
 RT: 8.640 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

Tgt Ion:107 Resp: 223336
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 79.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.529 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

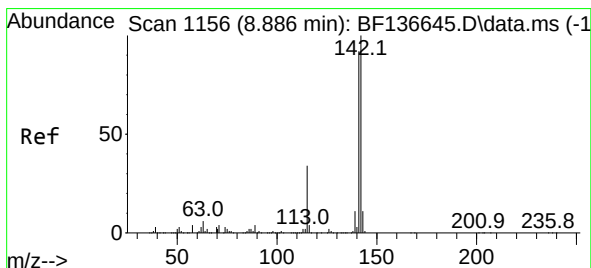
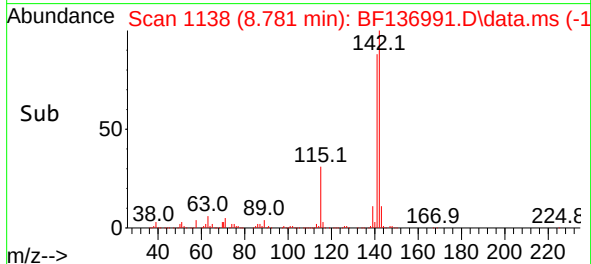
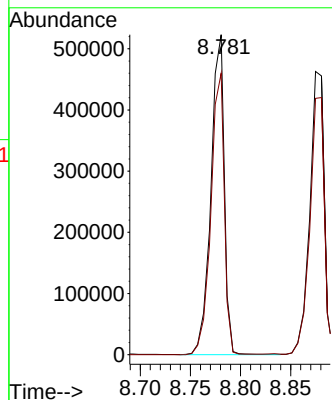
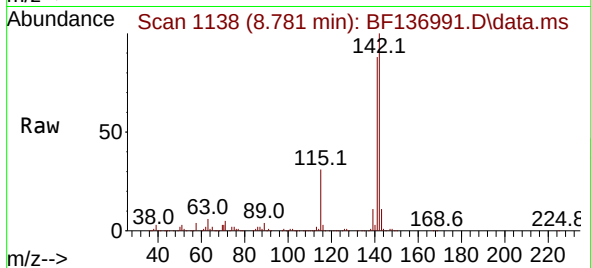
PB158264BS

Tgt Ion:142 Resp: 487160

Ion Ratio Lower Upper

142 100

141 87.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 36.073 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136991.D

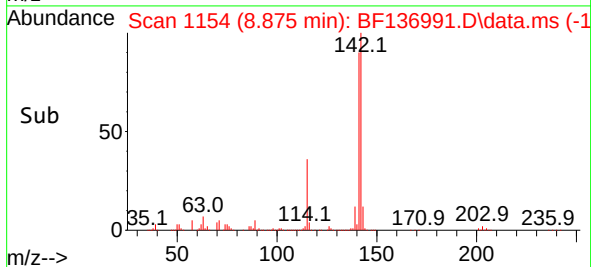
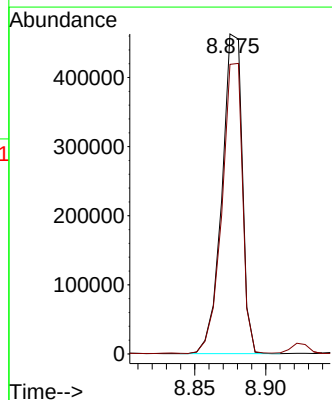
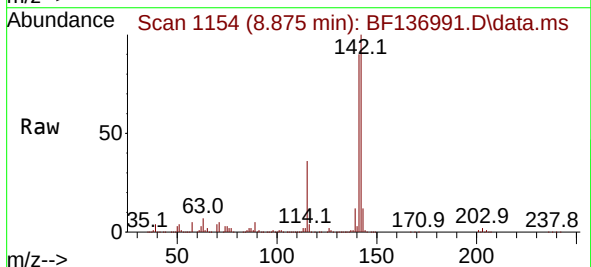
Acq: 08 Jan 2024 11:40

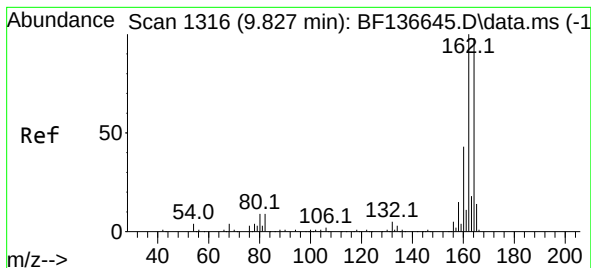
Tgt Ion:142 Resp: 459403

Ion Ratio Lower Upper

142 100

141 90.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

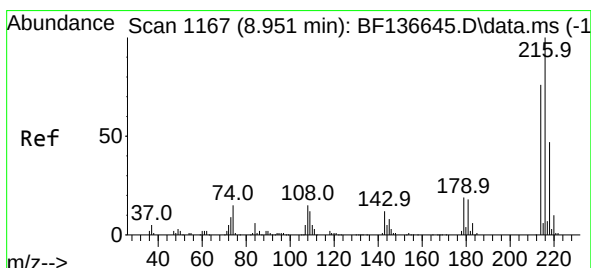
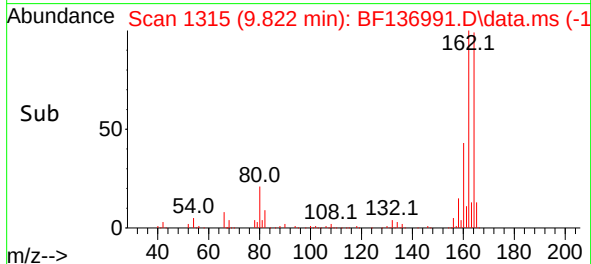
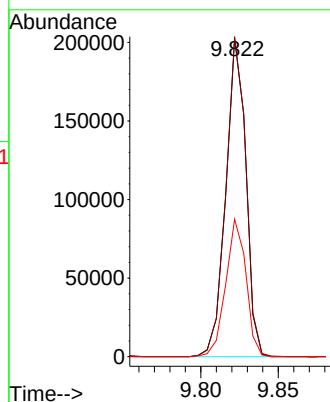
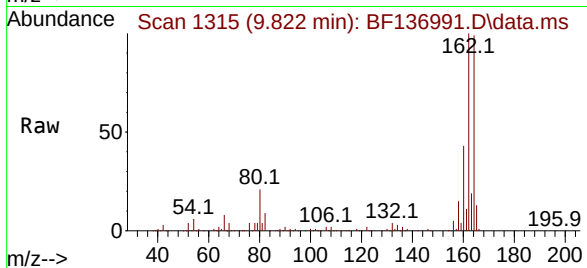
Tgt Ion:164 Resp: 181695

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 43.3 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.167 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Tgt Ion:216 Resp: 231648

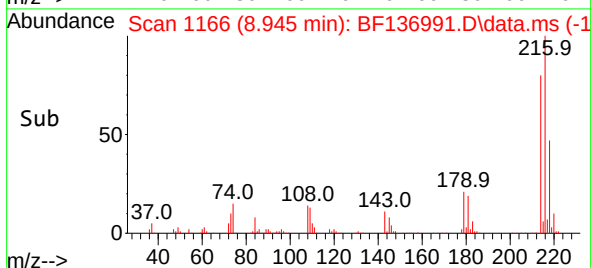
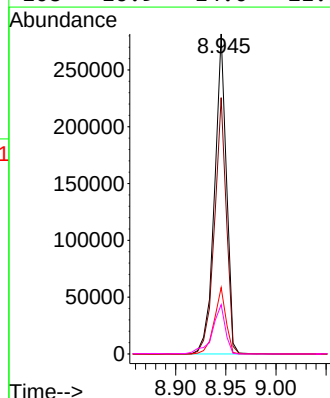
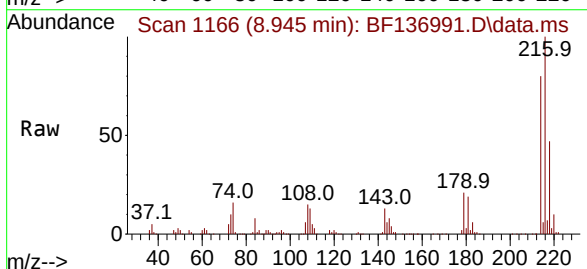
Ion Ratio Lower Upper

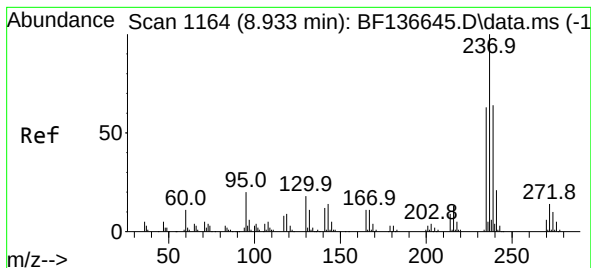
216 100

214 79.8 62.3 93.5

179 20.2 16.4 24.6

108 16.9 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 66.048 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

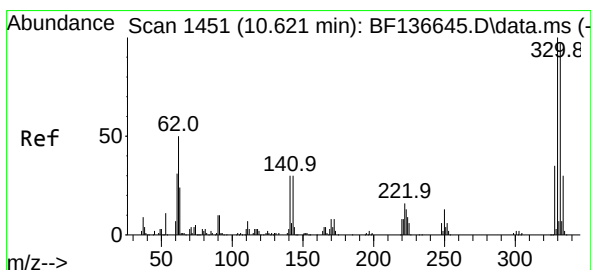
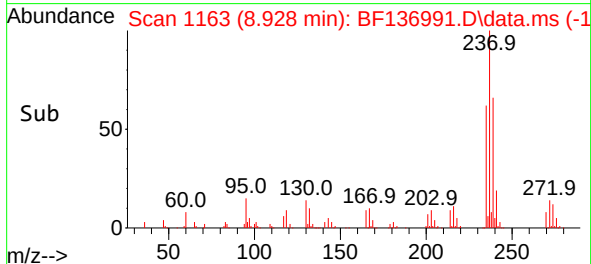
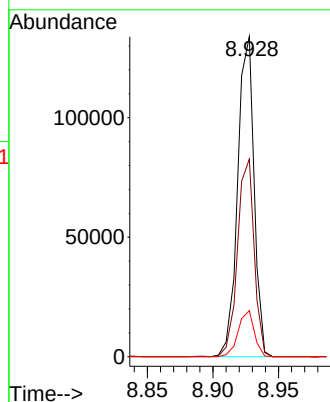
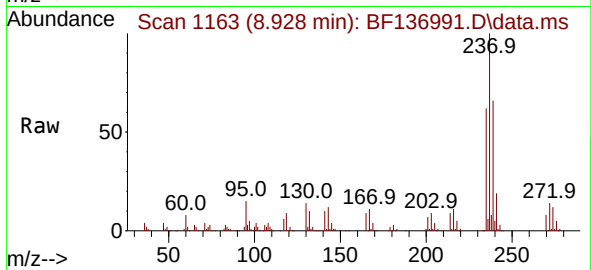
Tgt Ion:237 Resp: 116866

Ion Ratio Lower Upper

237 100

235 61.7 43.2 83.2

272 14.4 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 107.068 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

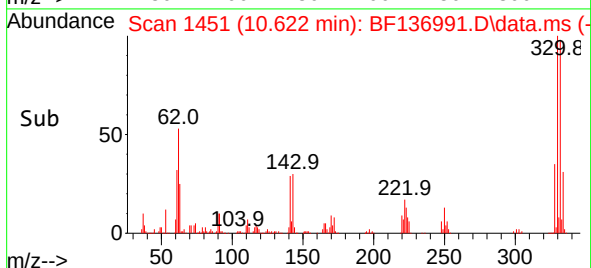
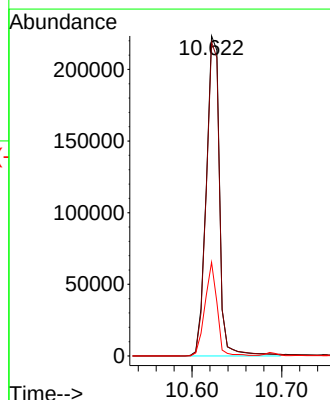
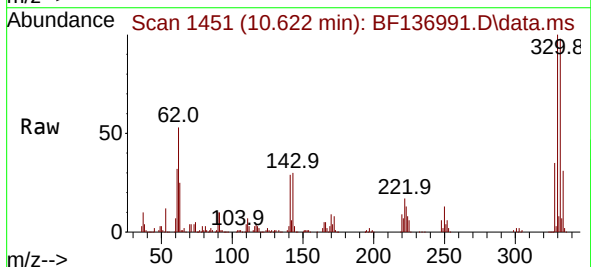
Tgt Ion:330 Resp: 229111

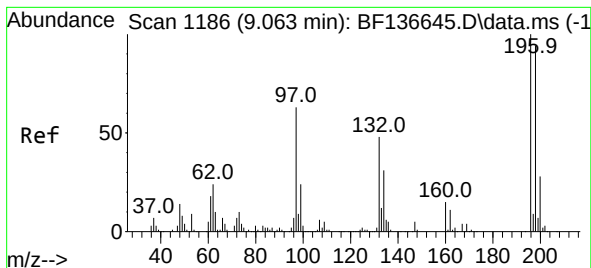
Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.0

141 26.7 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 39.876 ng

RT: 9.069 min Scan# 1186

Delta R.T. 0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

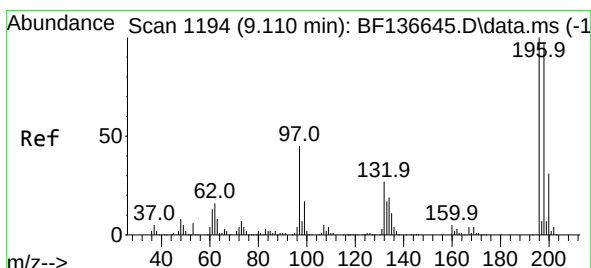
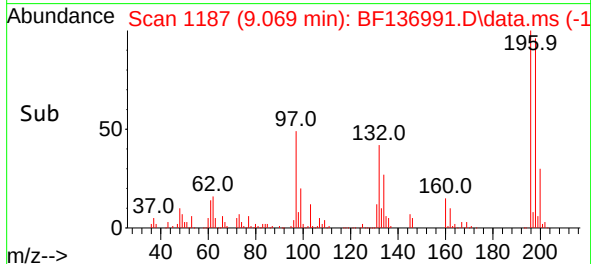
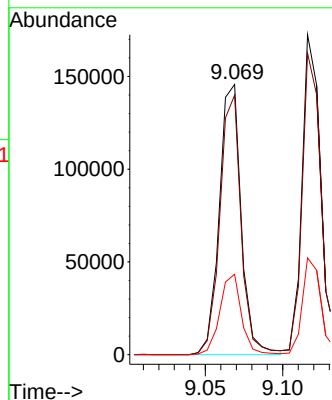
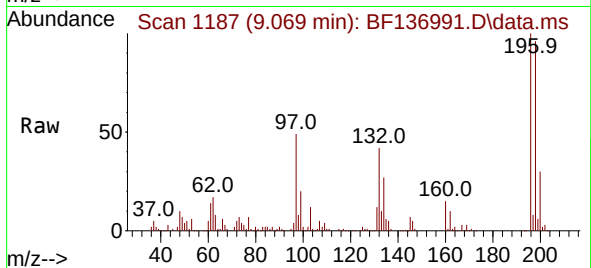
Tgt Ion:196 Resp: 143902

Ion Ratio Lower Upper

196 100

198 96.0 75.1 112.7

200 29.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 37.787 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Tgt Ion:196 Resp: 151957

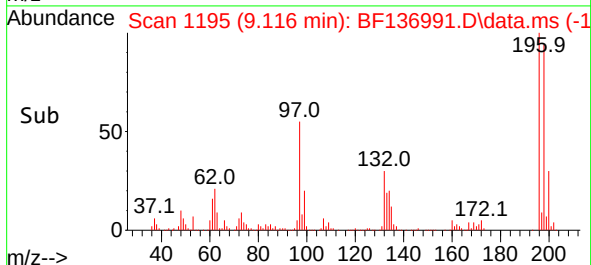
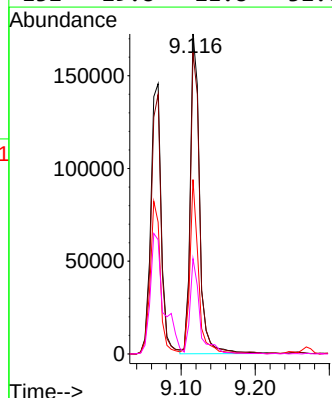
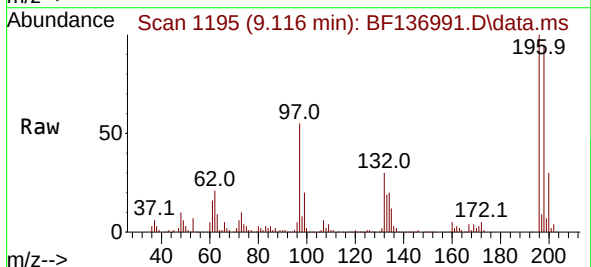
Ion Ratio Lower Upper

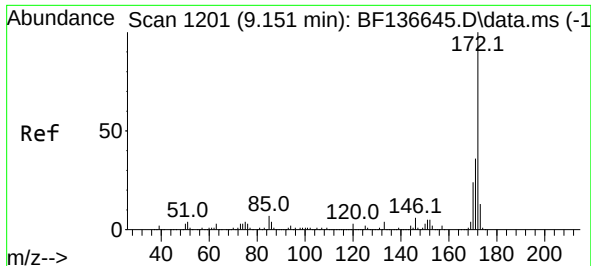
196 100

198 94.2 77.0 115.6

97 54.5 36.1 54.1#

132 29.8 21.8 32.6

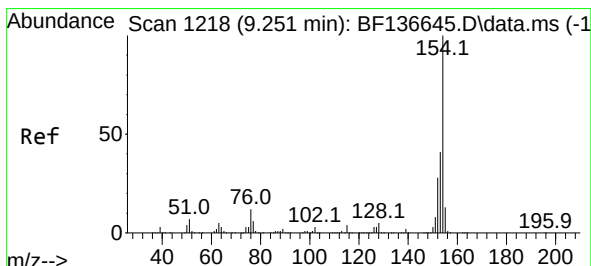
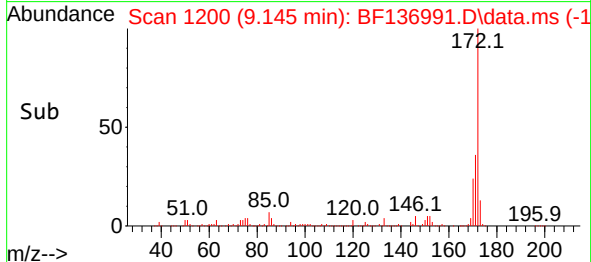
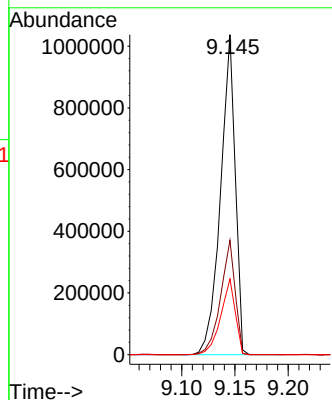
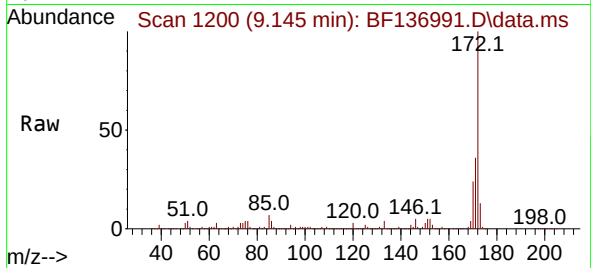




#45
2-Fluorobiphenyl
Concen: 73.686 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

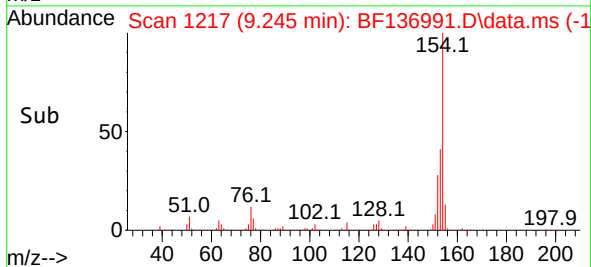
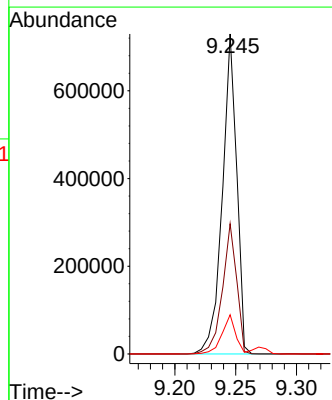
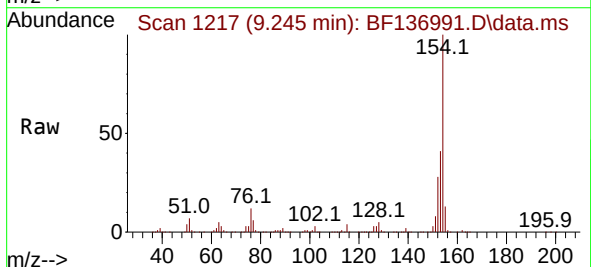
Instrument :
BNA_F
ClientSampleId :
PB158264BS

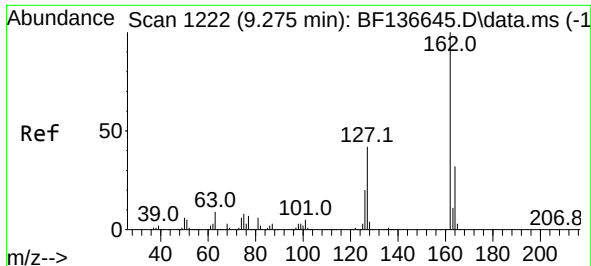
Tgt Ion:172 Resp: 995426
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 39.411 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:154 Resp: 600893
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 12.2 0.0 31.7





#47

2-Chloronaphthalene

Concen: 39.100 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

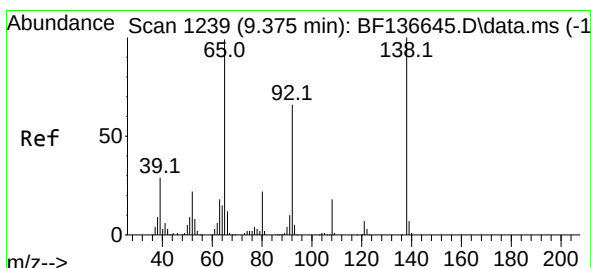
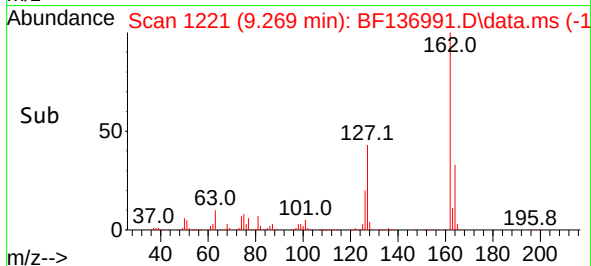
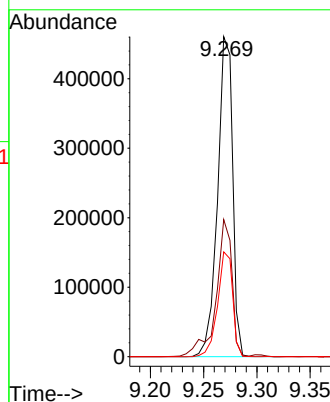
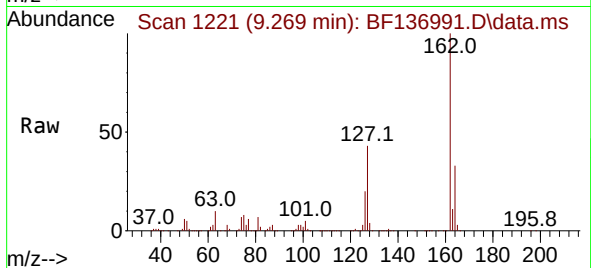
Tgt Ion:162 Resp: 453210

Ion Ratio Lower Upper

162 100

127 42.9 33.6 50.4

164 32.7 25.7 38.5



#48

2-Nitroaniline

Concen: 38.838 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

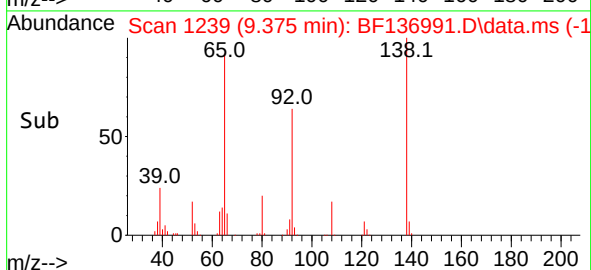
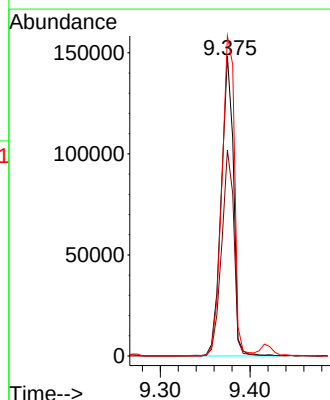
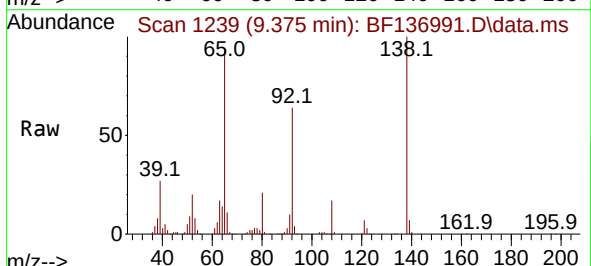
Tgt Ion: 65 Resp: 140970

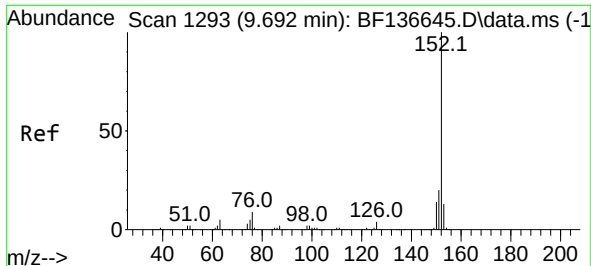
Ion Ratio Lower Upper

65 100

92 68.6 53.2 79.8

138 106.6 81.1 121.7

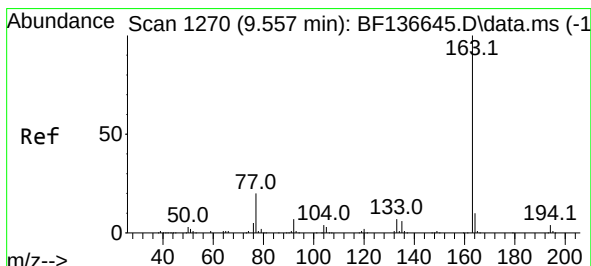
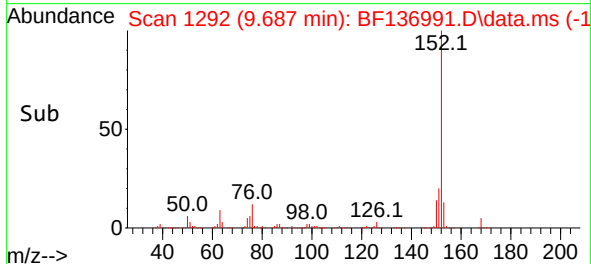
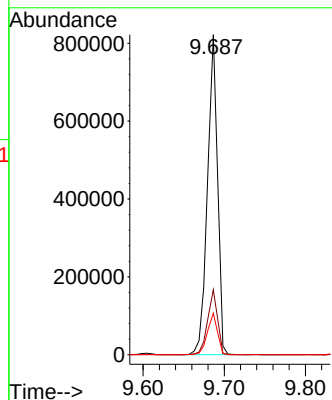
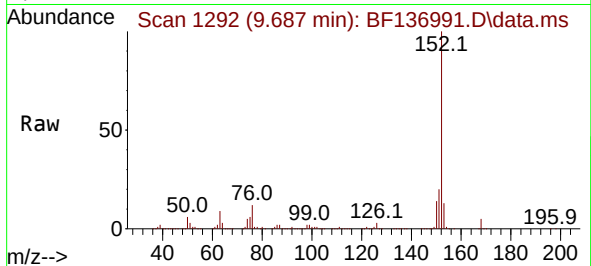




#49
Acenaphthylene
Concen: 39.864 ng
RT: 9.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

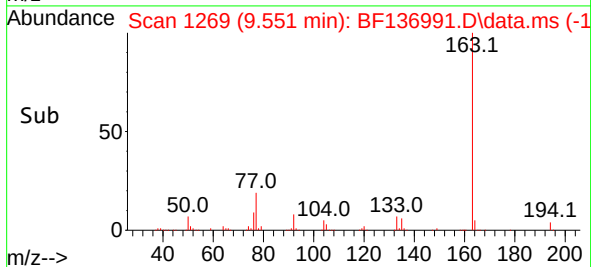
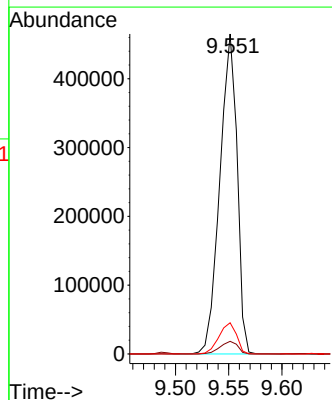
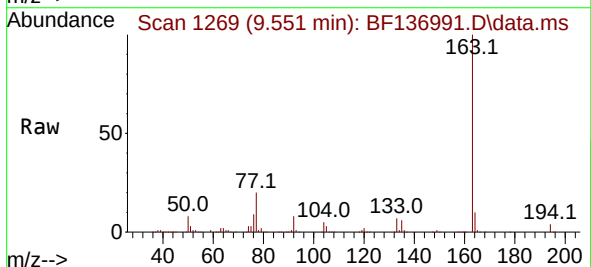
Instrument :
BNA_F
ClientSampleId :
PB158264BS

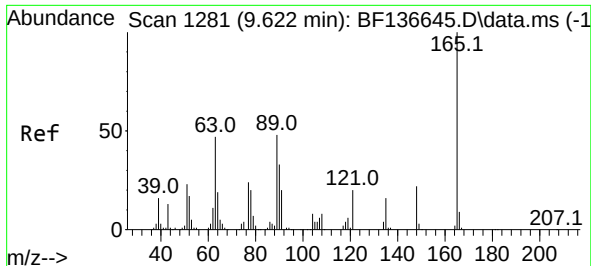
Tgt Ion:152 Resp: 706258
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 12.9 10.2 15.2



#50
Dimethylphthalate
Concen: 39.388 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:163 Resp: 522737
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 37.423 ng

RT: 9.622 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

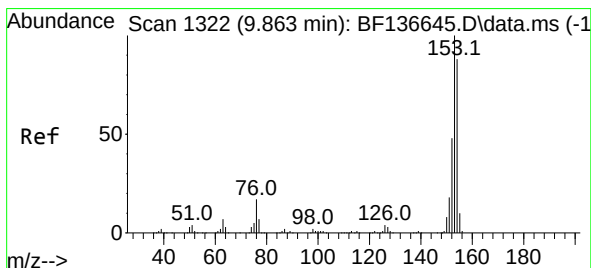
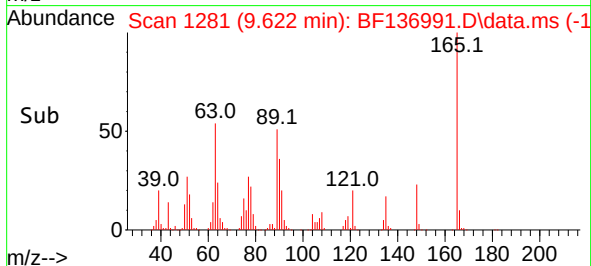
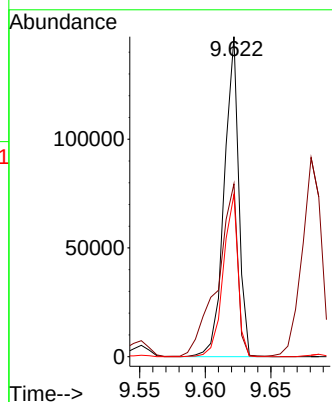
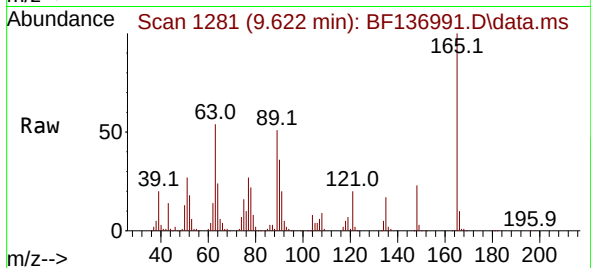
Tgt Ion:165 Resp: 112717

Ion Ratio Lower Upper

165 100

63 54.0 39.8 59.6

89 50.7 38.8 58.2



#52

Acenaphthene

Concen: 38.849 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

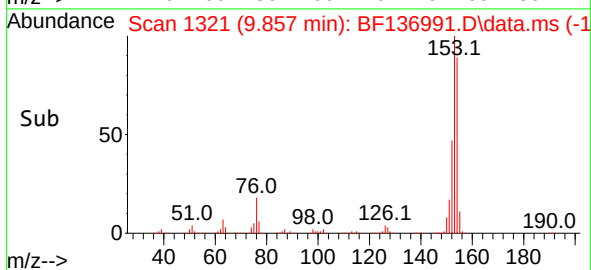
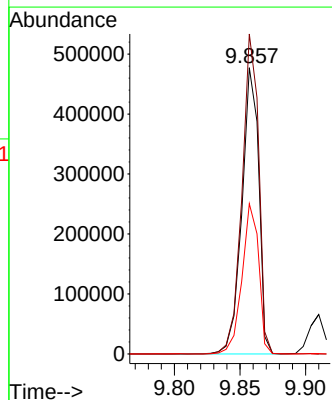
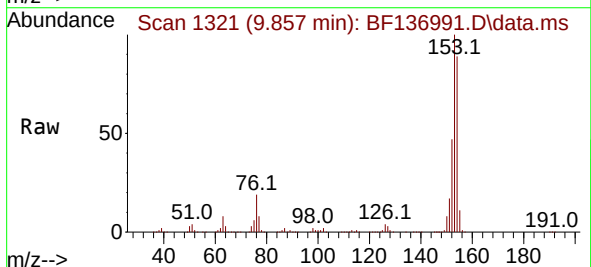
Tgt Ion:154 Resp: 426648

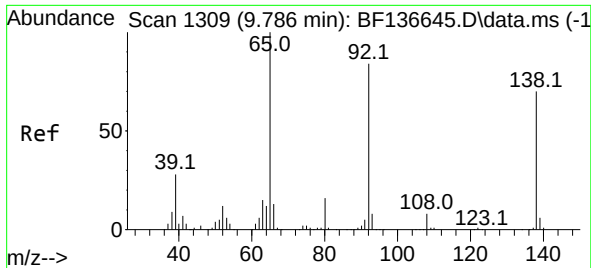
Ion Ratio Lower Upper

154 100

153 111.8 90.7 136.1

152 52.5 43.7 65.5

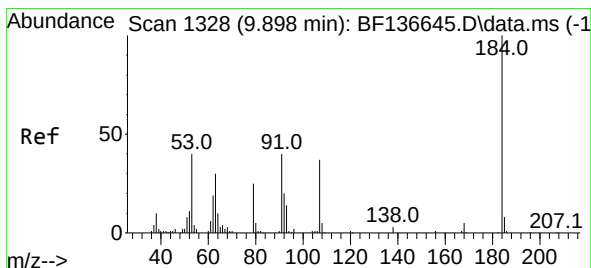
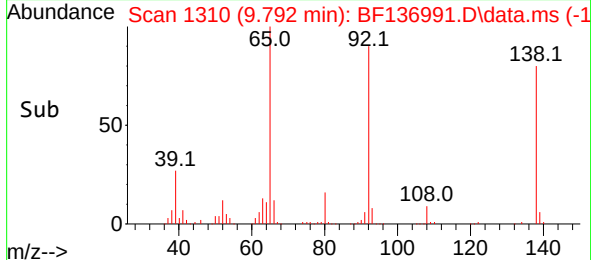
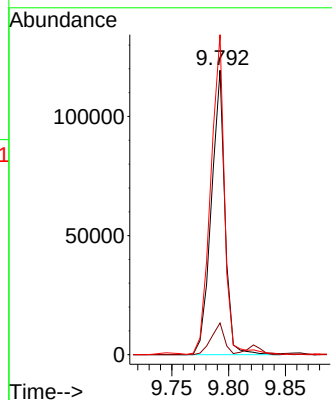
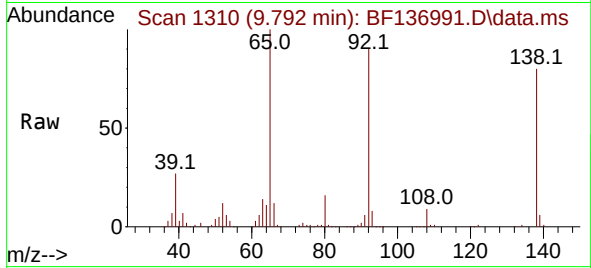




#53
3-Nitroaniline
Concen: 31.254 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

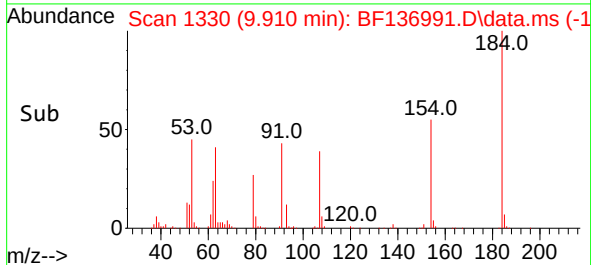
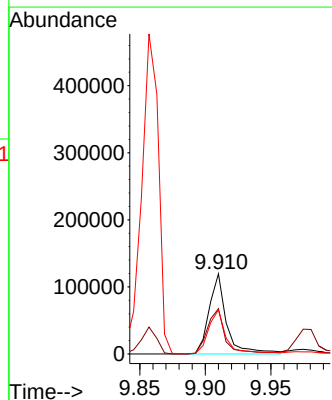
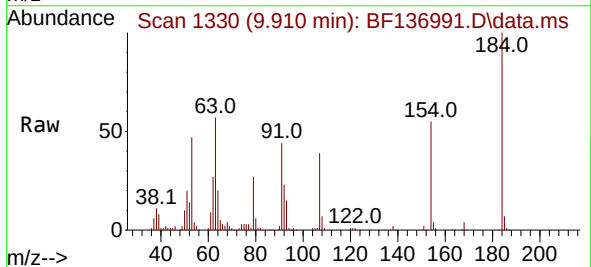
Instrument :
BNA_F
ClientSampleId :
PB158264BS

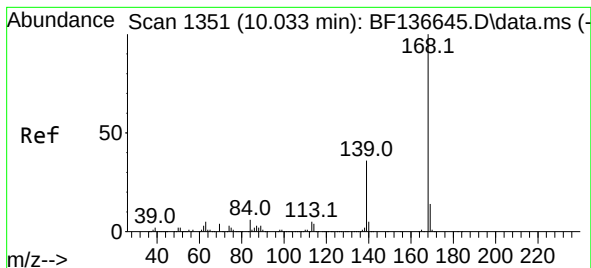
Tgt Ion:138 Resp: 99721
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 112.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 67.079 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:184 Resp: 110918
Ion Ratio Lower Upper
184 100
63 56.6 40.9 61.3
154 55.2 42.7 64.1





#55

Dibenzofuran

Concen: 37.630 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

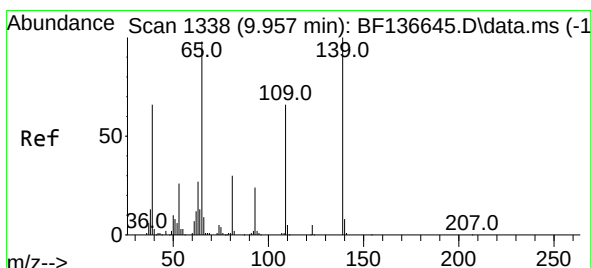
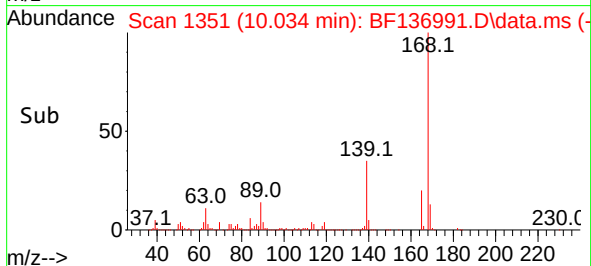
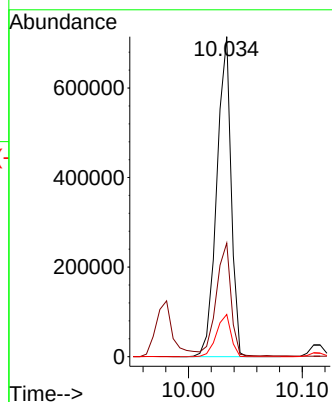
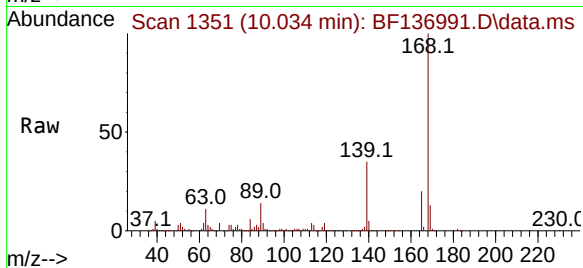
Tgt Ion:168 Resp: 626443

Ion Ratio Lower Upper

168 100

139 35.5 29.3 43.9

169 13.2 11.0 16.4



#56

4-Nitrophenol

Concen: 61.834 ng

RT: 9.981 min Scan# 1342

Delta R.T. 0.024 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

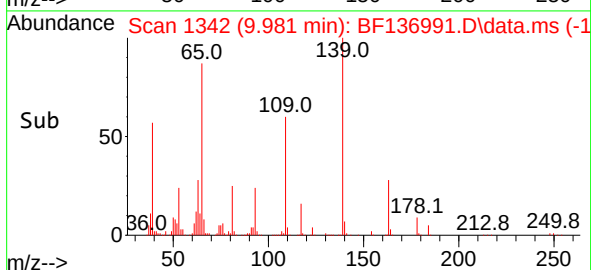
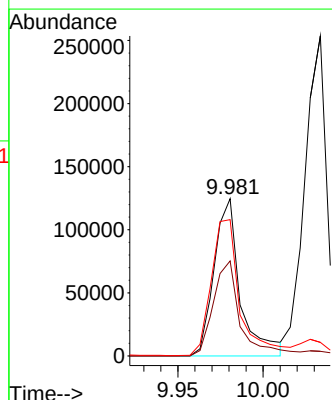
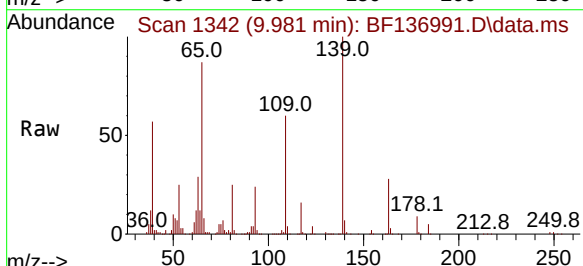
Tgt Ion:139 Resp: 133182

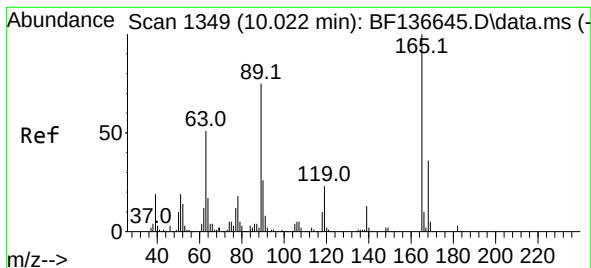
Ion Ratio Lower Upper

139 100

109 60.4 45.8 85.8

65 86.6 77.8 117.8

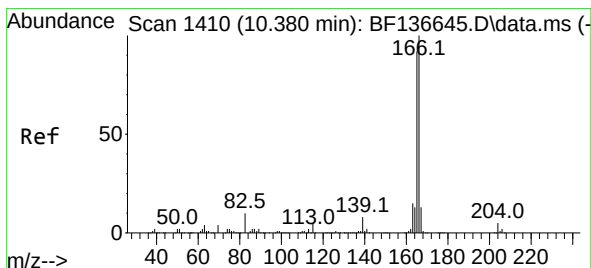
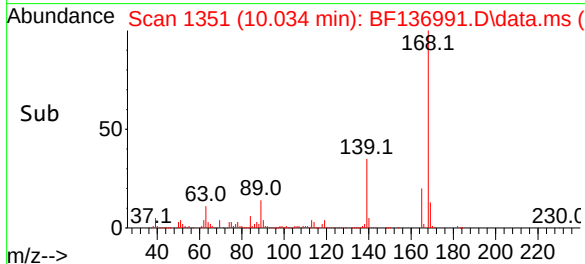
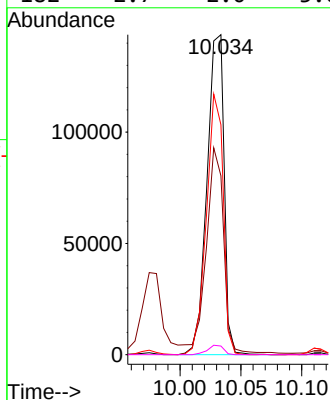
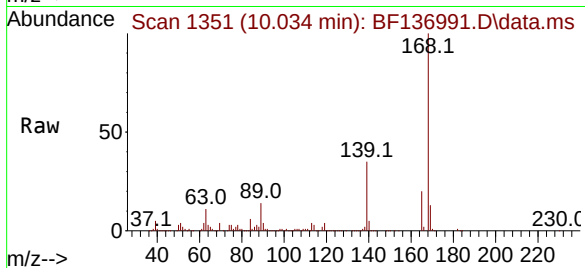




#57
2,4-Dinitrotoluene
Concen: 35.935 ng
RT: 10.034 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

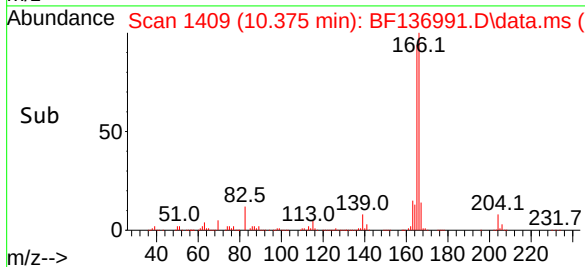
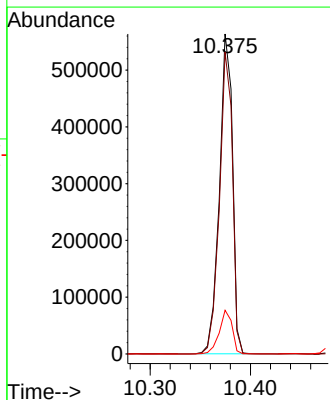
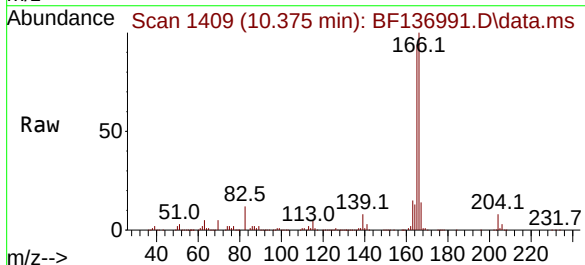
Instrument :
BNA_F
ClientSampleId :
PB158264BS

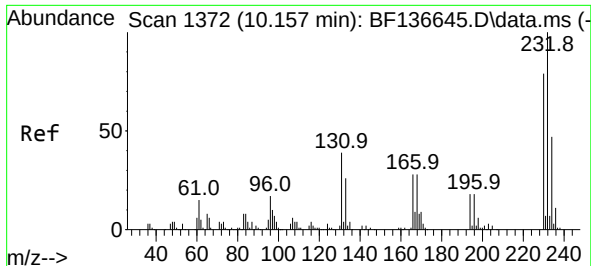
Tgt Ion:165 Resp: 140511
Ion Ratio Lower Upper
165 100
63 55.9 41.0 61.6
89 71.8 59.9 89.9
182 2.7 2.0 3.0



#58
Fluorene
Concen: 38.597 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:166 Resp: 509836
Ion Ratio Lower Upper
166 100
165 94.3 73.7 110.5
167 13.6 10.4 15.6

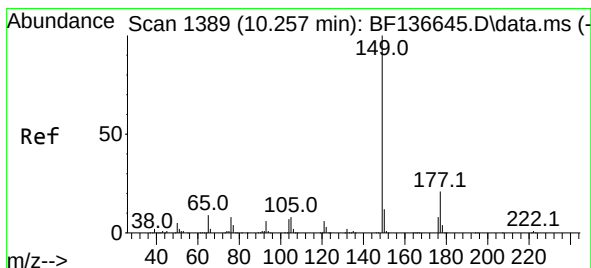
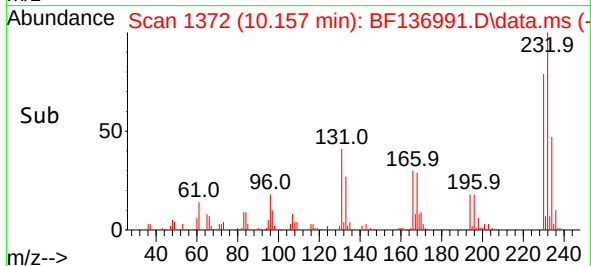
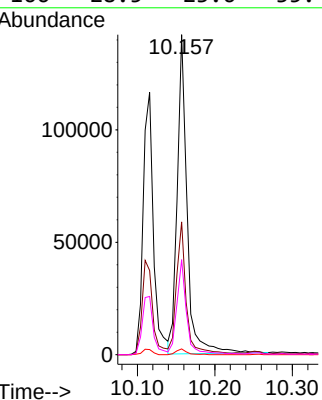
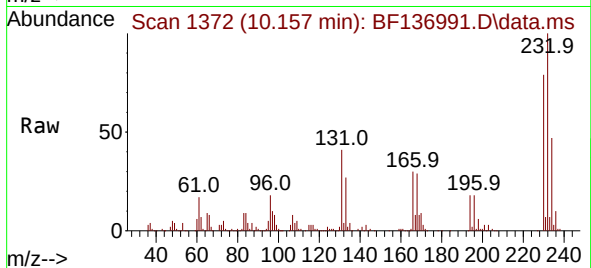




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.567 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

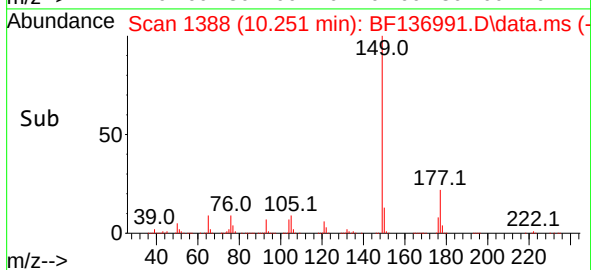
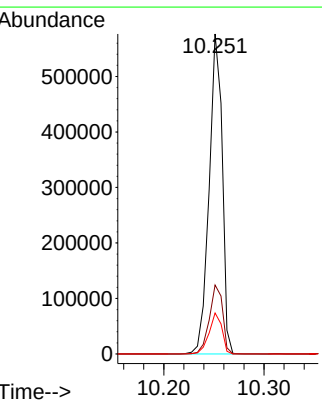
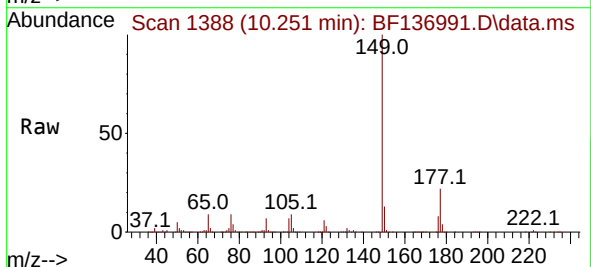
Instrument :
BNA_F
ClientSampleId :
PB158264BS

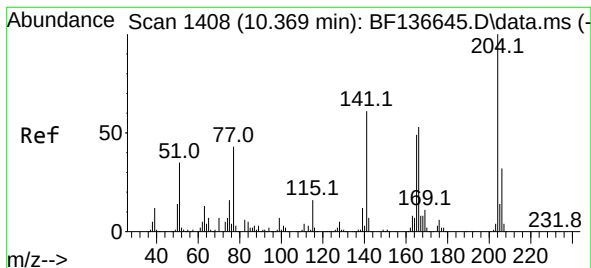
Tgt Ion:232 Resp: 125578
Ion Ratio Lower Upper
232 100
131 39.6 35.1 52.7
130 1.9 1.6 2.4
166 28.5 23.6 35.4



#60
Diethylphthalate
Concen: 37.807 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:149 Resp: 520606
Ion Ratio Lower Upper
149 100
177 21.5 16.9 25.3
150 12.8 9.3 13.9

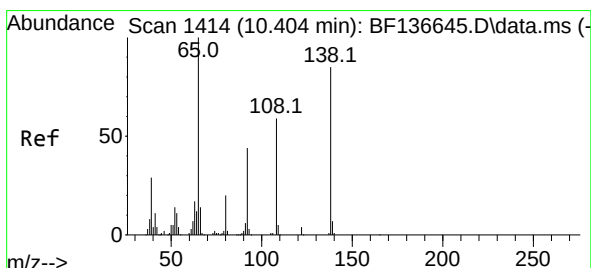
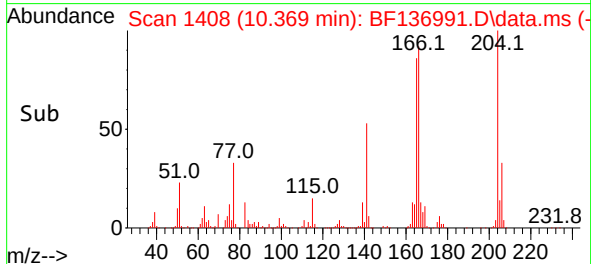
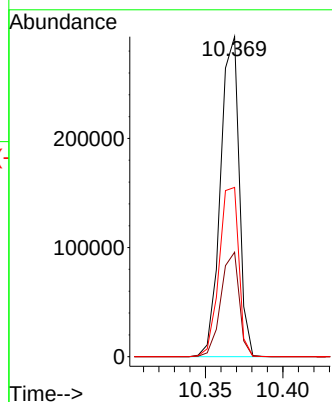
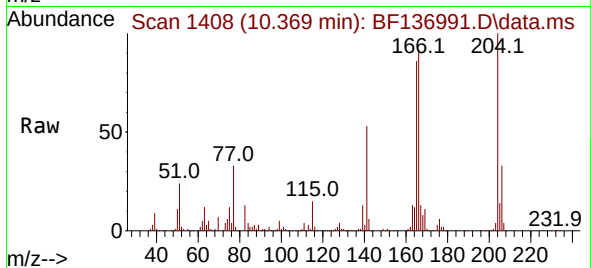




#61
4-Chlorophenyl-phenylether
Concen: 38.312 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

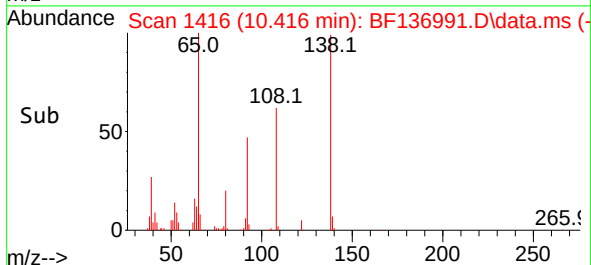
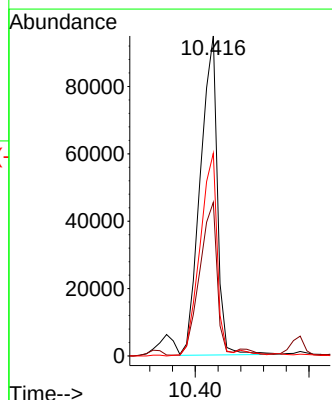
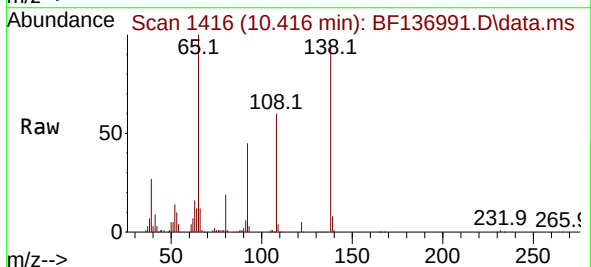
Instrument :
BNA_F
ClientSampleId :
PB158264BS

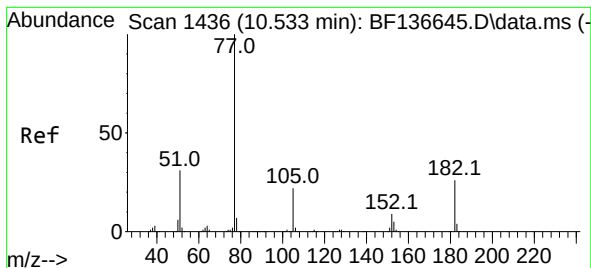
Tgt Ion:204 Resp: 245986
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 52.9 48.4 72.6



#62
4-Nitroaniline
Concen: 32.160 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:138 Resp: 98918
Ion Ratio Lower Upper
138 100
92 48.0 32.1 72.1
108 63.3 50.1 90.1





#63

Azobenzene

Concen: 37.369 ng

RT: 10.528 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

Tgt Ion: 77 Resp: 480615

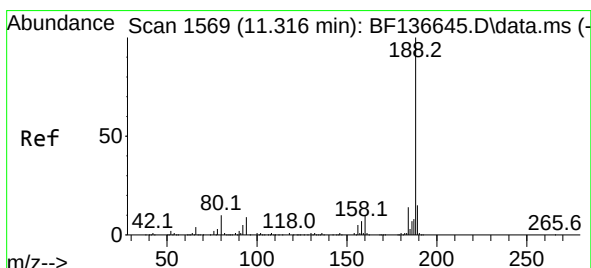
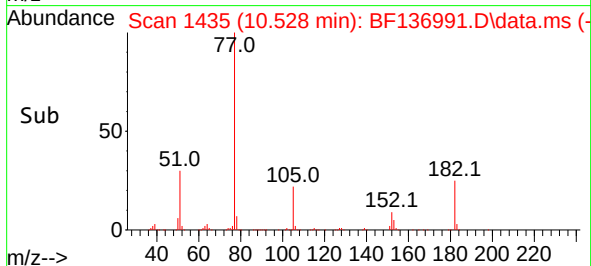
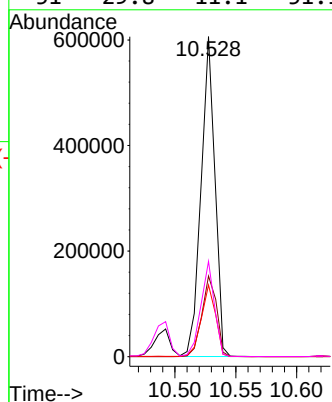
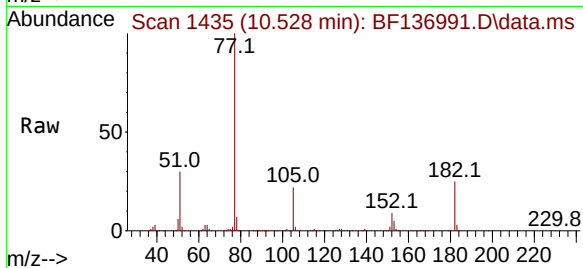
Ion Ratio Lower Upper

77 100

182 25.2 6.0 46.0

105 22.4 2.3 42.3

51 29.8 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

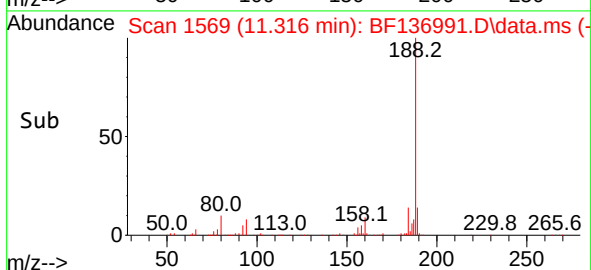
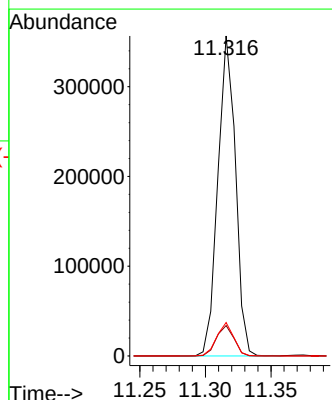
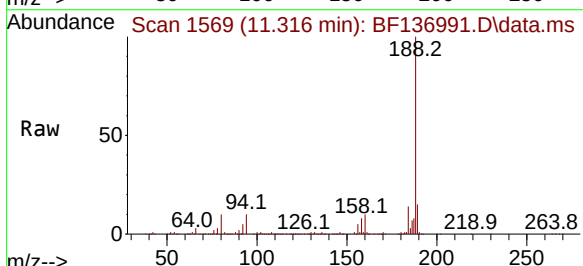
Tgt Ion:188 Resp: 332613

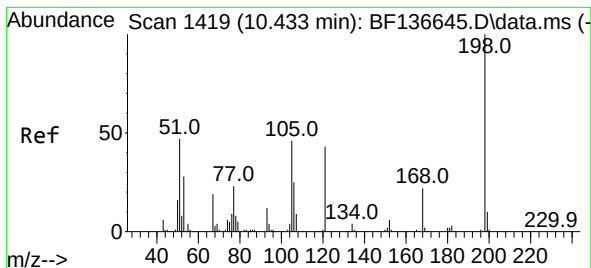
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.4 8.1 12.1

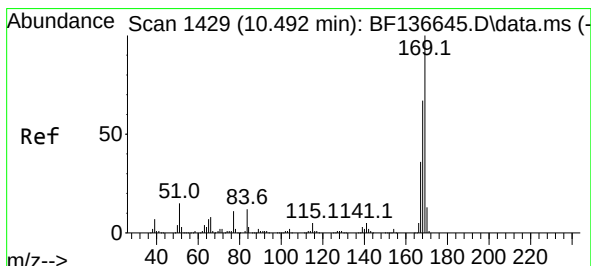
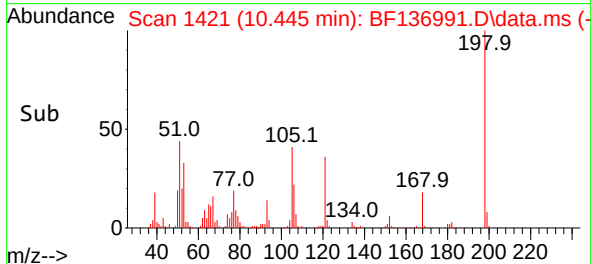
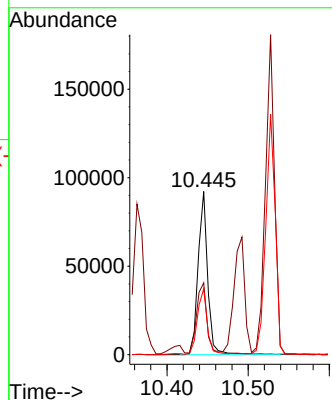
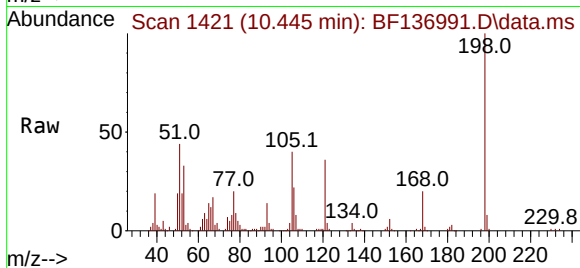




#65
4,6-Dinitro-2-methylphenol
Concen: 39.975 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

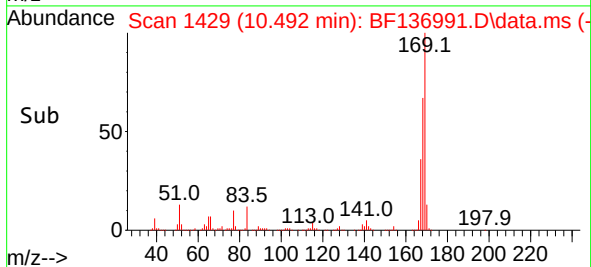
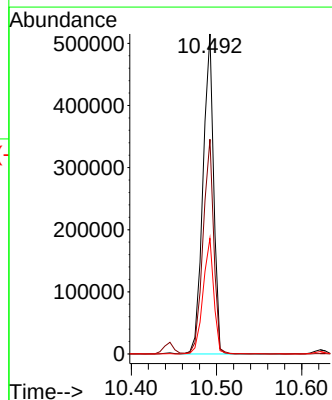
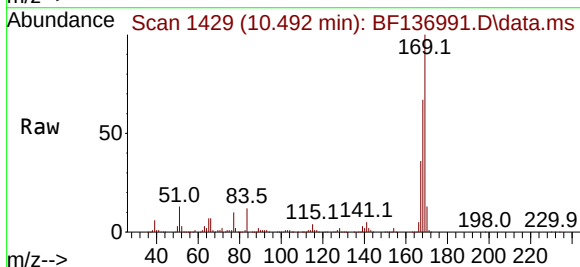
Instrument :
BNA_F
ClientSampleId :
PB158264BS

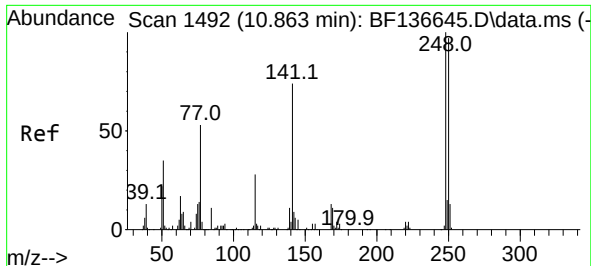
Tgt Ion:198 Resp: 76201
Ion Ratio Lower Upper
198 100
51 44.0 34.1 74.1
105 40.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.497 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:169 Resp: 448370
Ion Ratio Lower Upper
169 100
168 67.1 53.8 80.6
167 36.2 28.7 43.1

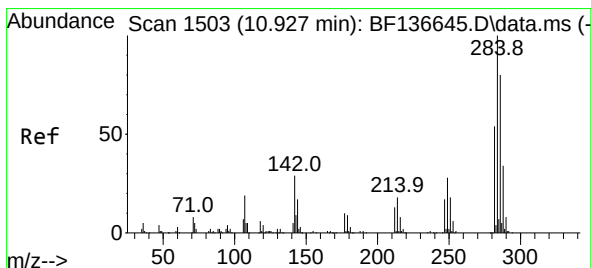
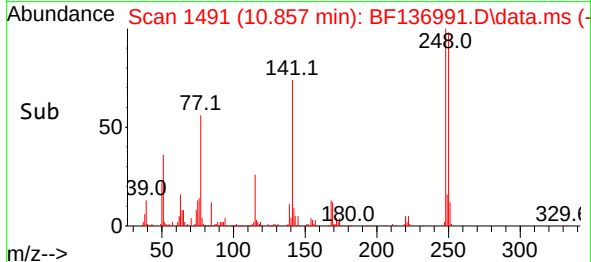
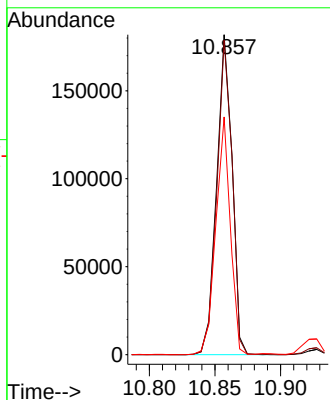
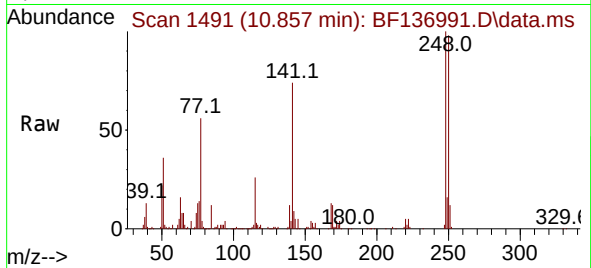




#67
4-Bromophenyl-phenylether
Concen: 40.273 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

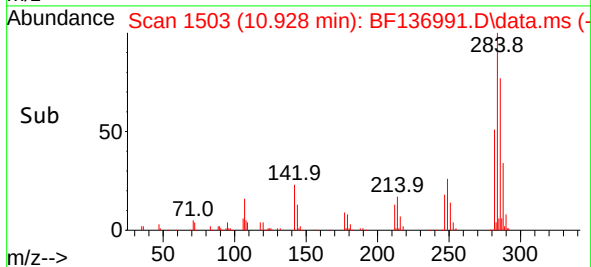
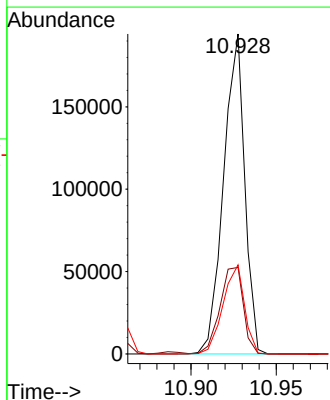
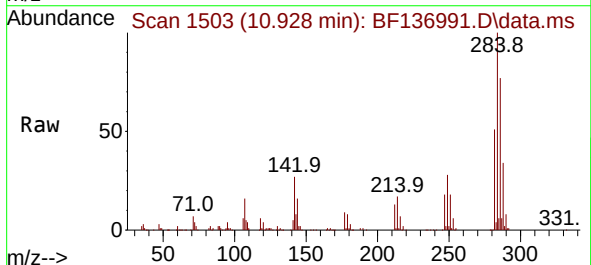
Instrument :
BNA_F
ClientSampleId :
PB158264BS

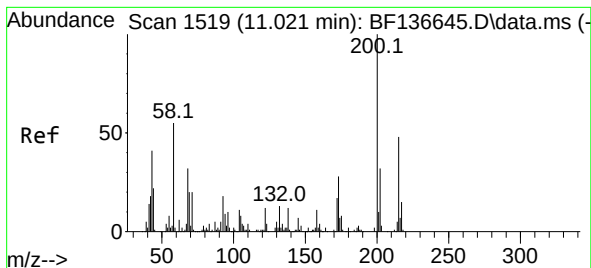
Tgt Ion:248 Resp: 148766
Ion Ratio Lower Upper
248 100
250 98.3 77.8 116.6
141 74.3 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.728 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:284 Resp: 167656
Ion Ratio Lower Upper
284 100
142 27.1 23.4 35.0
249 27.8 22.3 33.5





#69

Atrazine

Concen: 38.683 ng

RT: 11.022 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

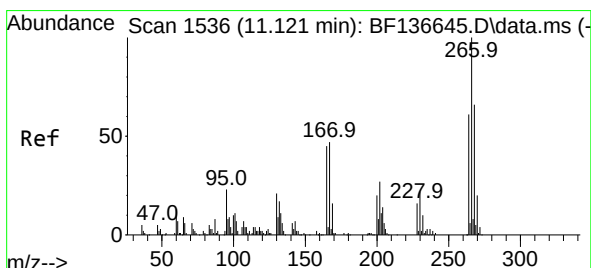
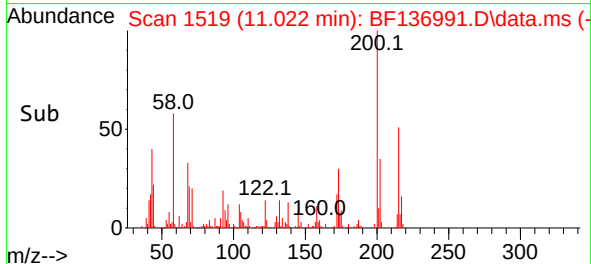
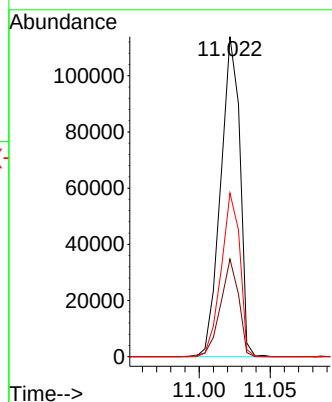
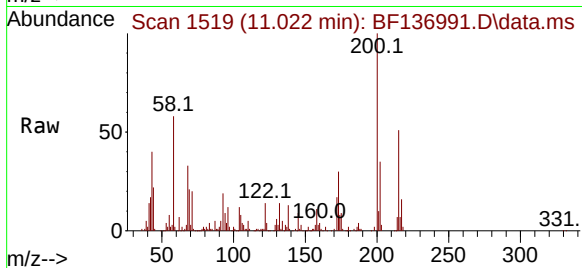
Tgt Ion:200 Resp: 106902

Ion Ratio Lower Upper

200 100

173 30.5 7.6 47.6

215 51.1 28.3 68.3



#70

Pentachlorophenol

Concen: 57.575 ng

RT: 11.128 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

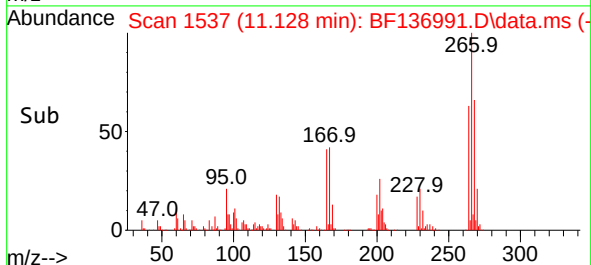
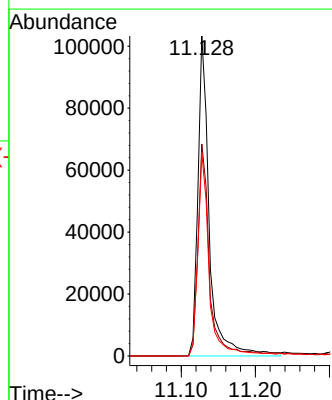
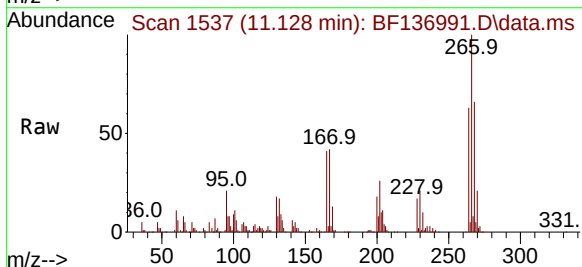
Tgt Ion:266 Resp: 110474

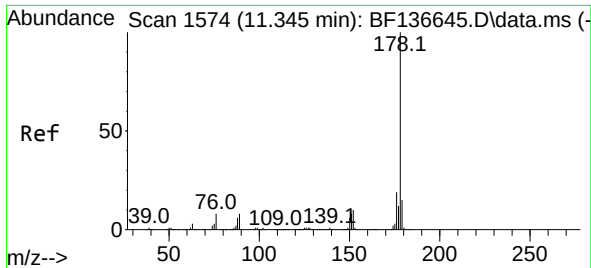
Ion Ratio Lower Upper

266 100

268 66.2 52.6 78.8

264 63.5 49.0 73.4

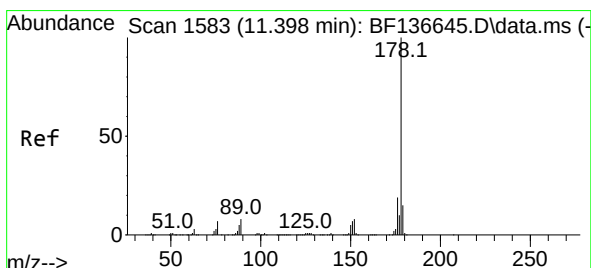
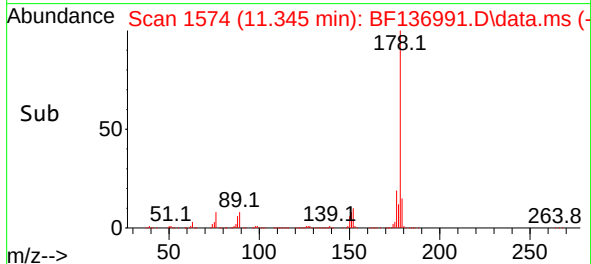
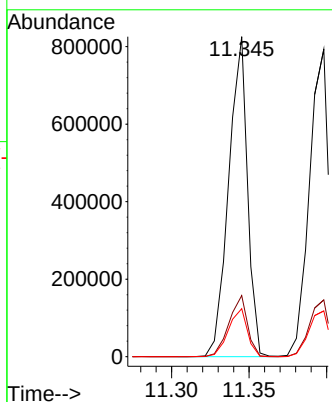
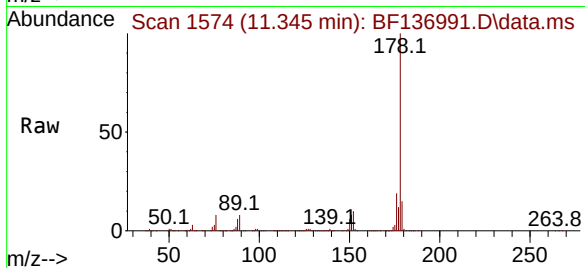




#71
Phenanthrene
Concen: 40.868 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

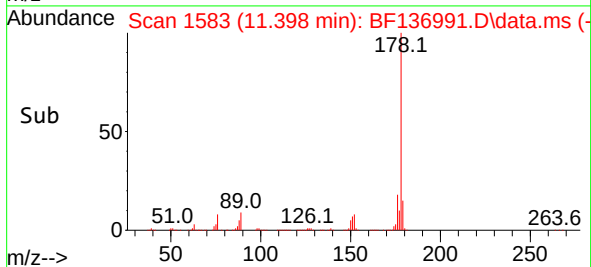
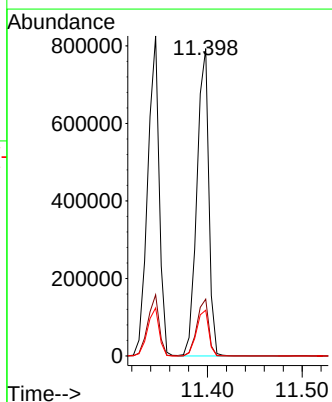
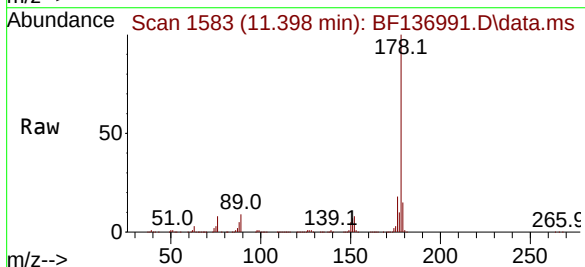
Instrument :
BNA_F
ClientSampleId :
PB158264BS

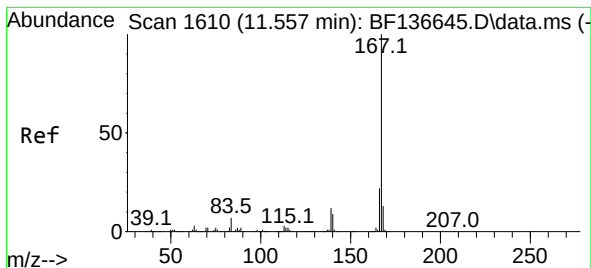
Tgt Ion:178 Resp: 697479
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.0 11.9 17.9



#72
Anthracene
Concen: 40.123 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:178 Resp: 693483
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 14.9 11.8 17.6





#73

Carbazole

Concen: 38.556 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

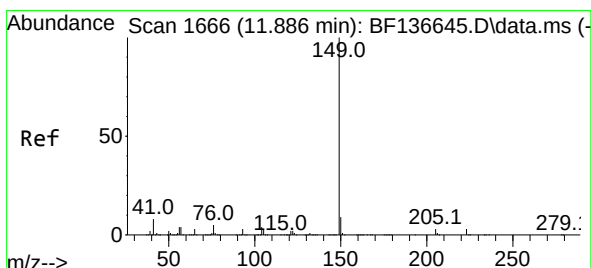
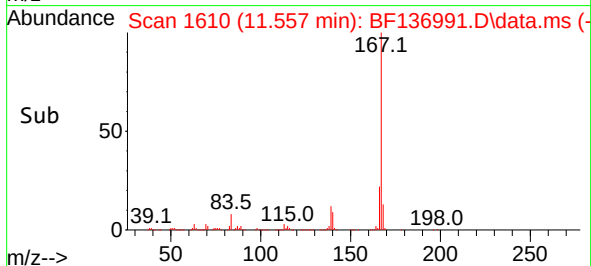
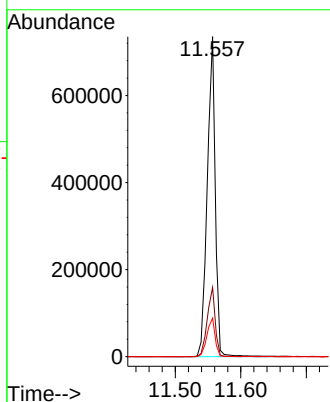
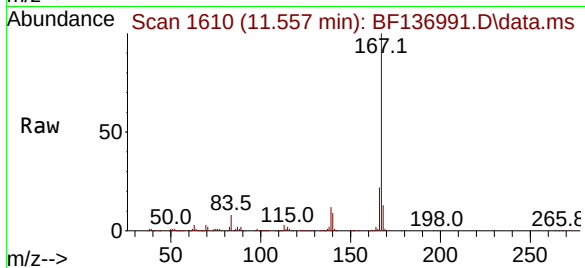
Tgt Ion:167 Resp: 628293

Ion Ratio Lower Upper

167 100

166 21.7 17.3 25.9

139 12.1 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.465 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

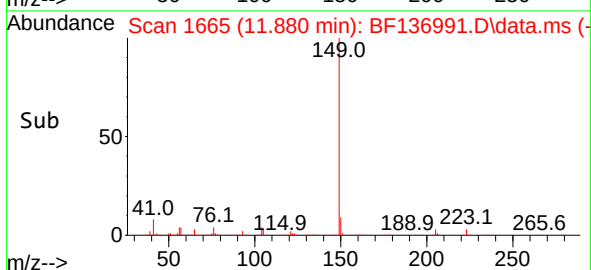
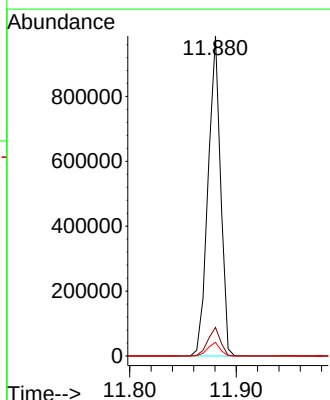
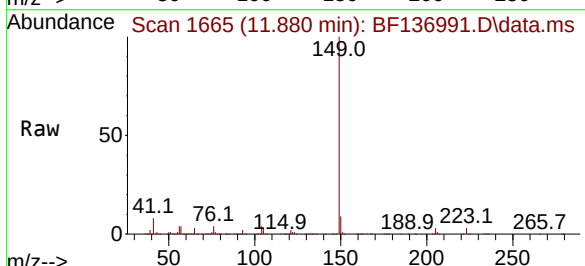
Tgt Ion:149 Resp: 804623

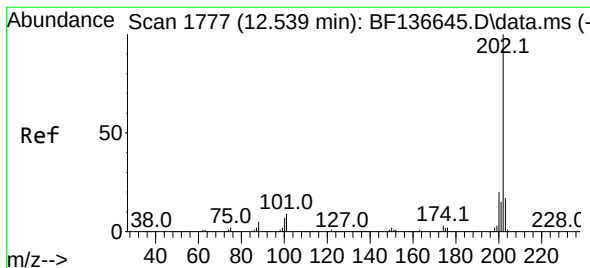
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 37.177 ng

RT: 12.539 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

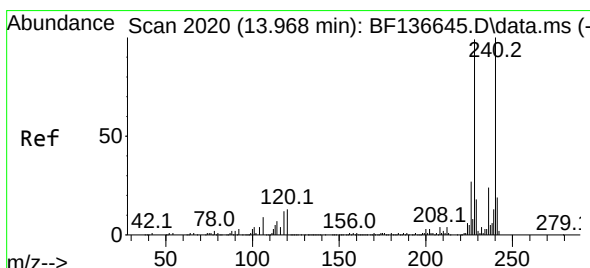
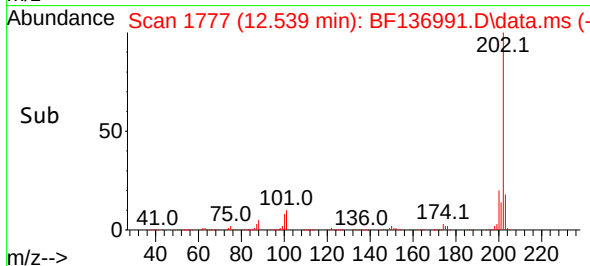
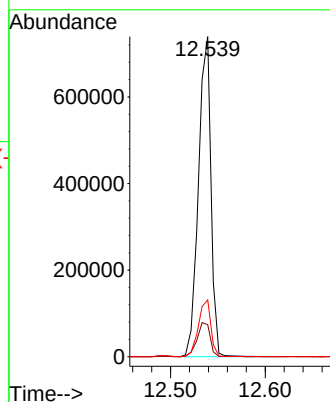
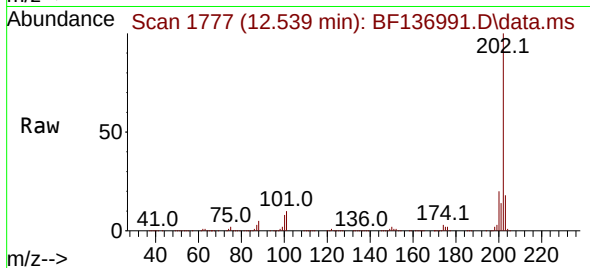
Tgt Ion:202 Resp: 678671

Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.3

203 17.8 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: BF136991.D

Acq: 08 Jan 2024 11:40

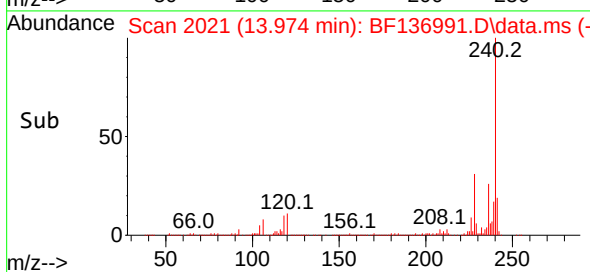
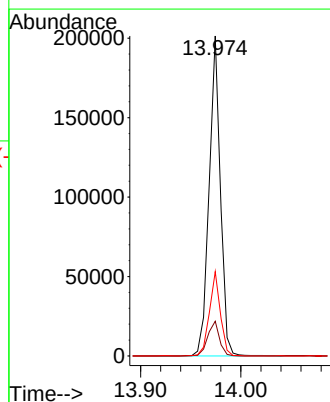
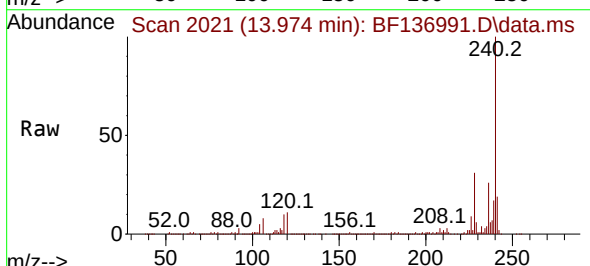
Tgt Ion:240 Resp: 157220

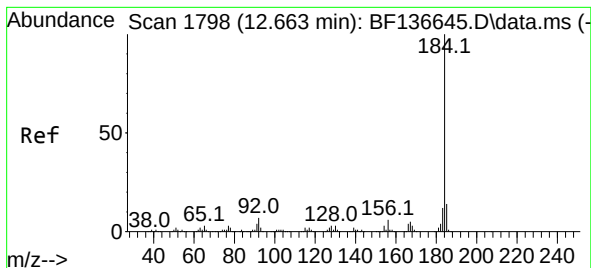
Ion Ratio Lower Upper

240 100

120 10.9 10.3 15.5

236 26.4 19.4 29.2





#77

Benzidine

Concen: 5.237 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

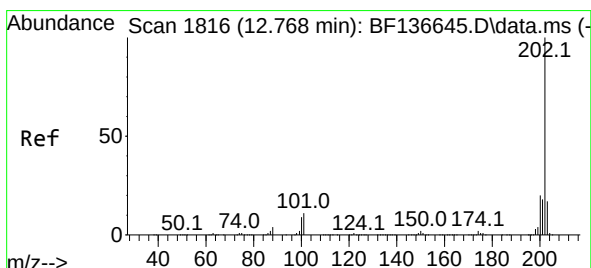
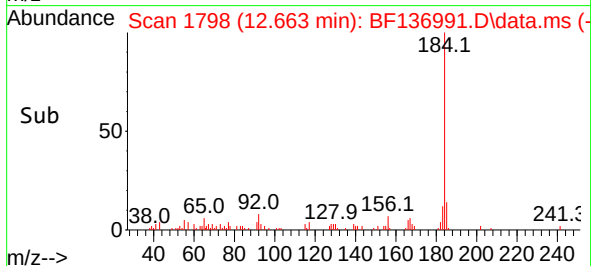
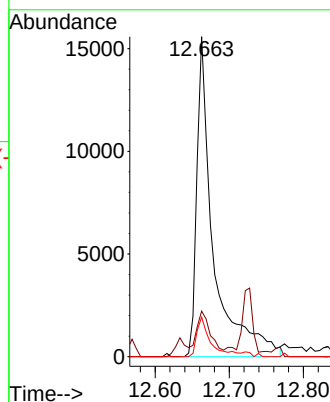
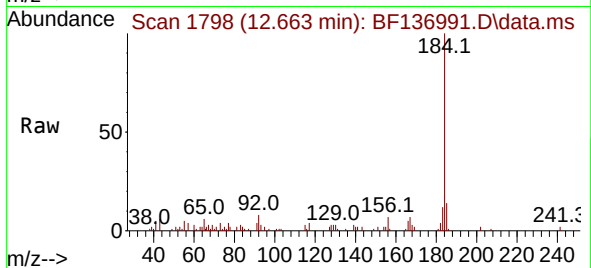
Tgt Ion:184 Resp: 24276

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 12.4 9.3 13.9



#78

Pyrene

Concen: 43.223 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

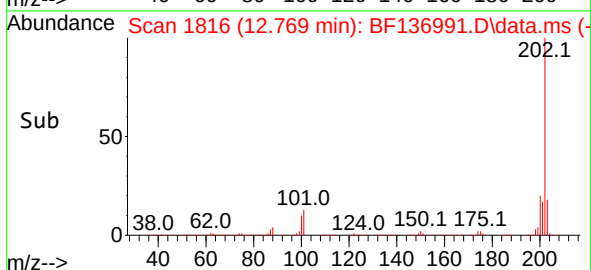
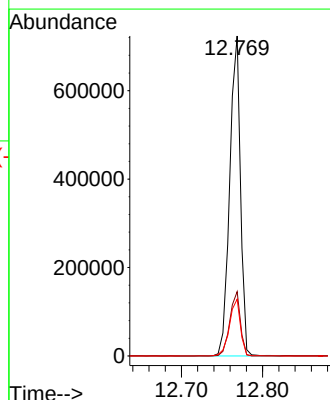
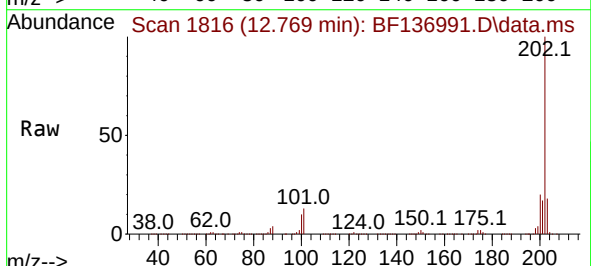
Tgt Ion:202 Resp: 667088

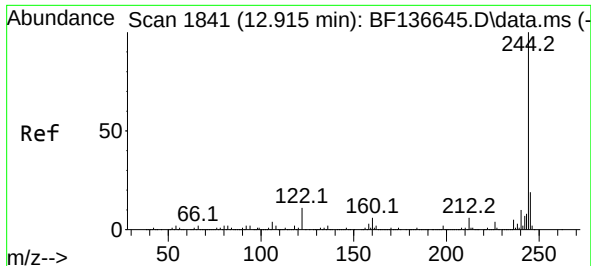
Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

203 17.8 13.8 20.6

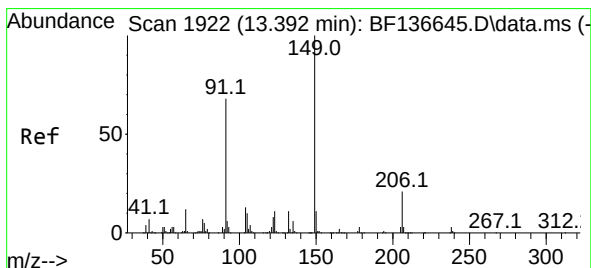
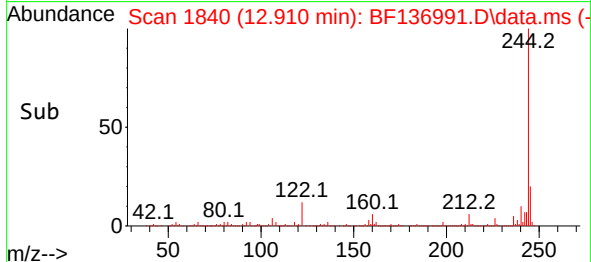
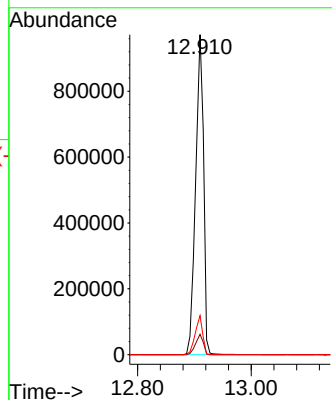
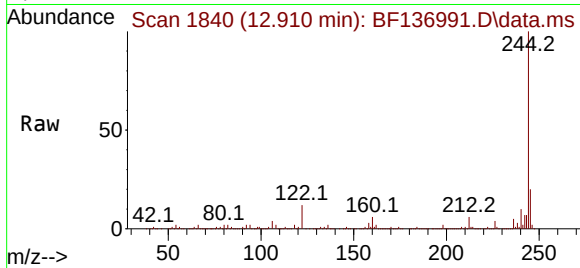




#79
 Terphenyl-d14
 Concen: 84.664 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

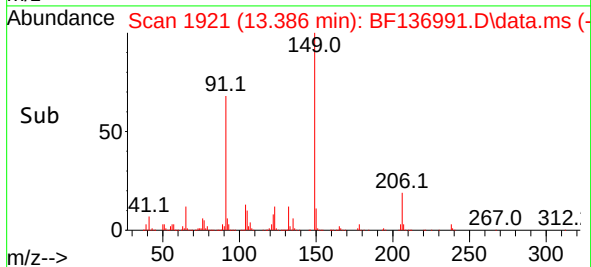
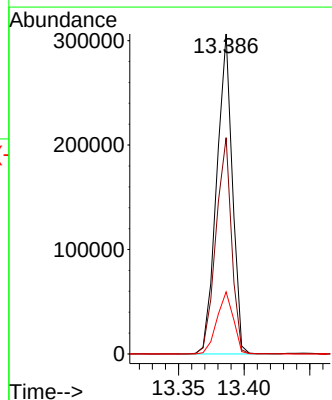
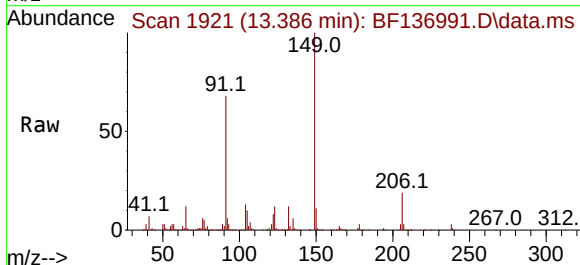
Instrument :
 BNA_F
 ClientSampleId :
 PB158264BS

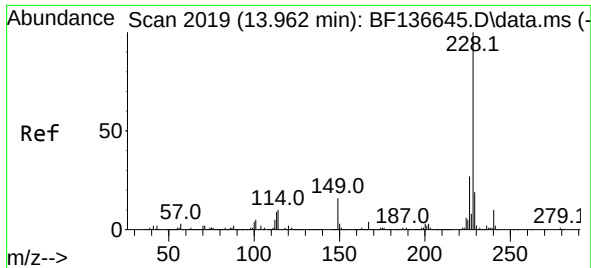
Tgt Ion:244 Resp: 952499
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.2 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 45.225 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF136991.D
 Acq: 08 Jan 2024 11:40

Tgt Ion:149 Resp: 253981
 Ion Ratio Lower Upper
 149 100
 91 67.6 54.1 81.1
 206 19.4 17.1 25.7

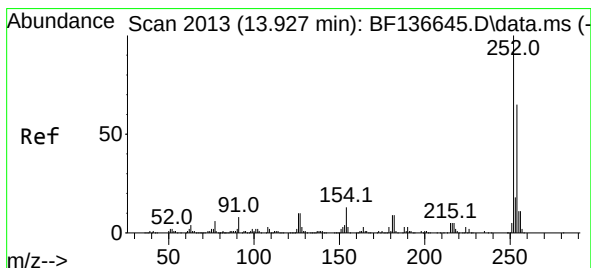
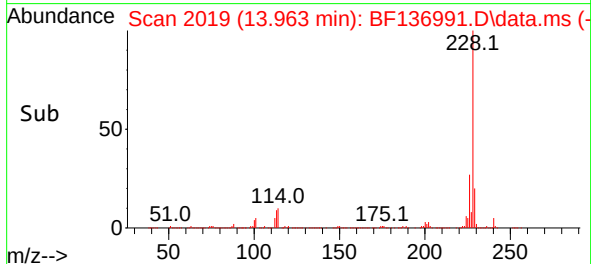
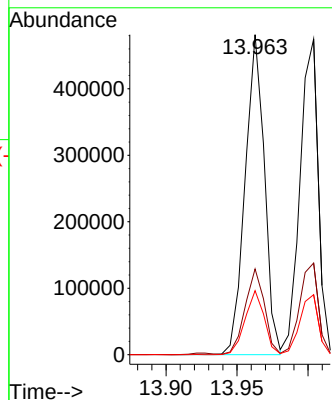
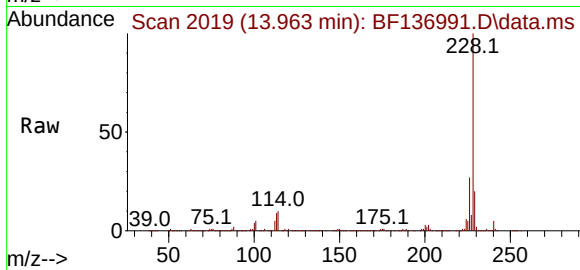




#81
Benzo(a)anthracene
Concen: 41.846 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

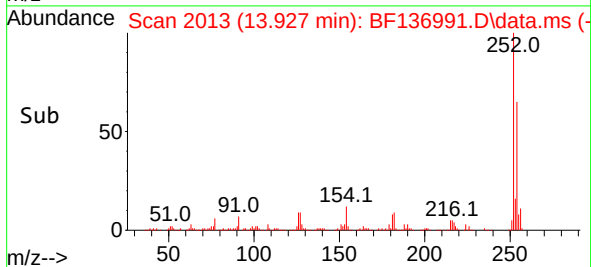
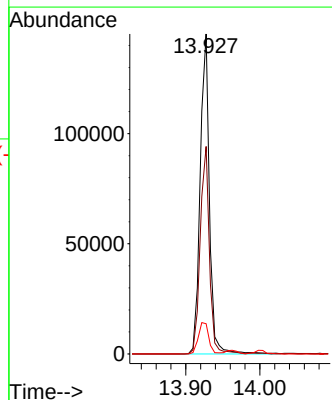
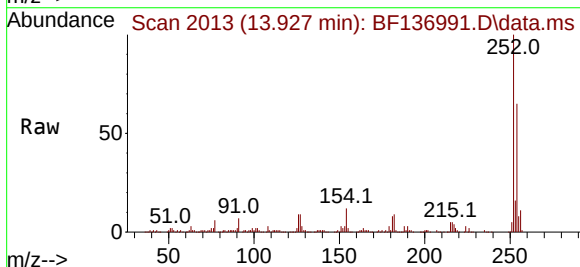
Instrument :
BNA_F
ClientSampleId :
PB158264BS

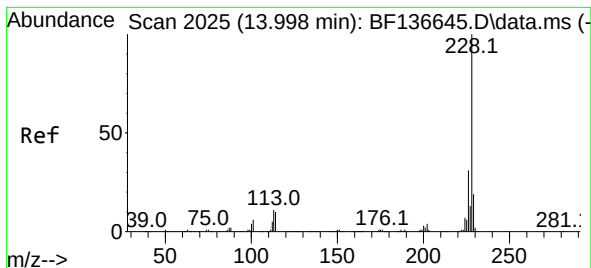
Tgt Ion:228 Resp: 456845
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 20.0 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.701 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:252 Resp: 126190
Ion Ratio Lower Upper
252 100
254 64.8 52.2 78.4
126 9.4 8.0 12.0





#83

Chrysene

Concen: 40.019 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

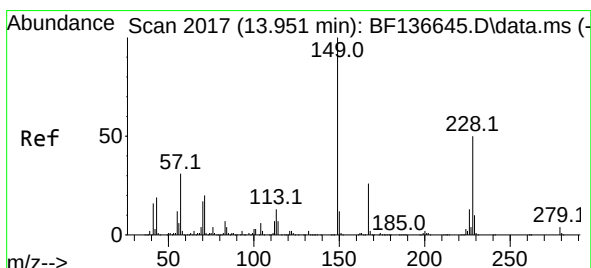
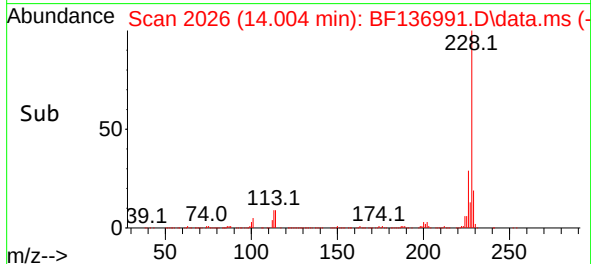
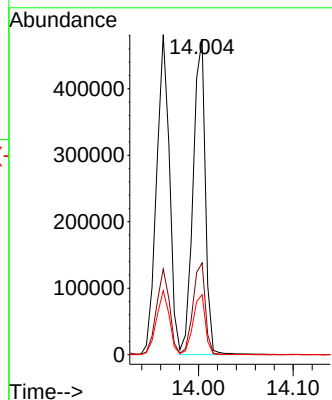
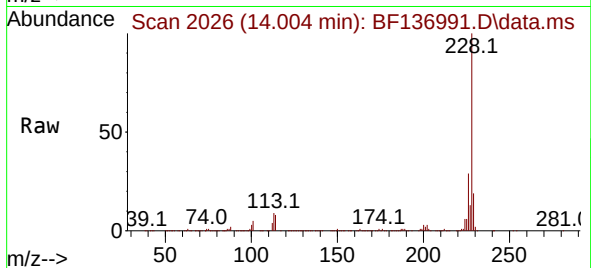
Tgt Ion:228 Resp: 427239

Ion Ratio Lower Upper

228 100

226 29.1 24.7 37.1

229 19.0 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.338 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

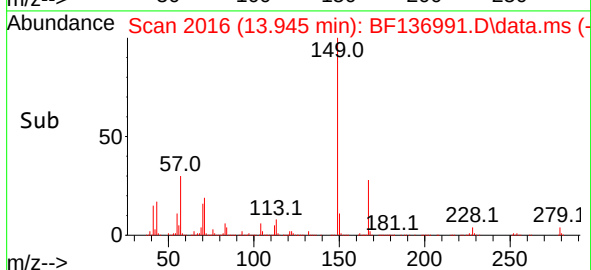
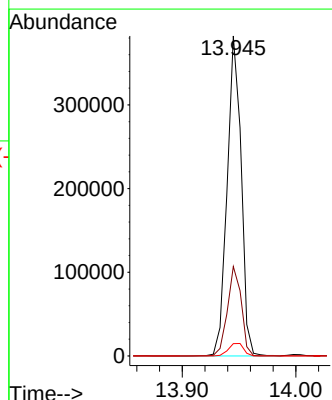
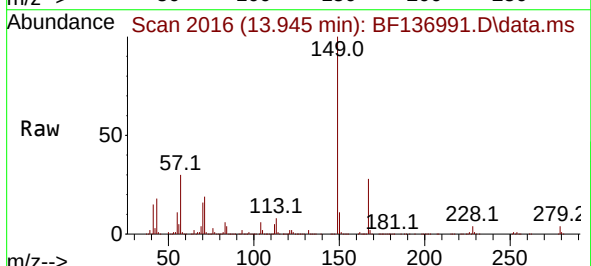
Tgt Ion:149 Resp: 327414

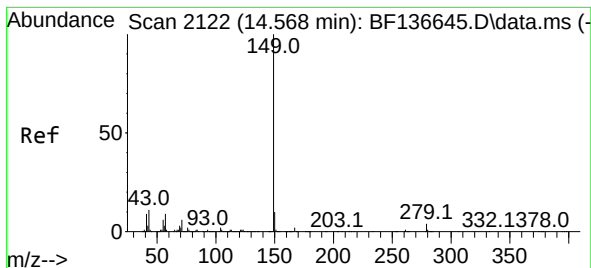
Ion Ratio Lower Upper

149 100

167 28.0 20.9 31.3

279 3.9 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 43.590 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

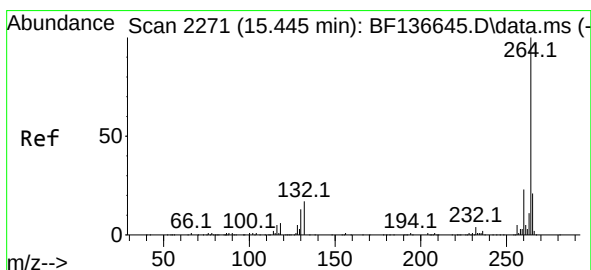
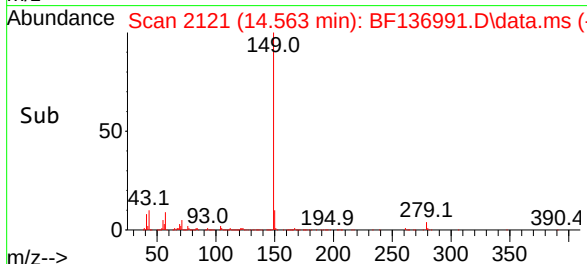
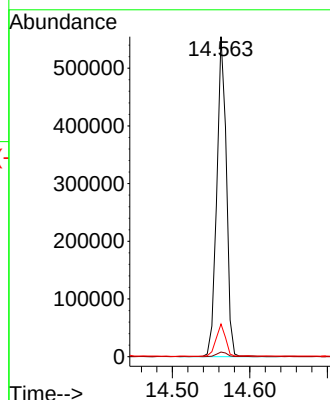
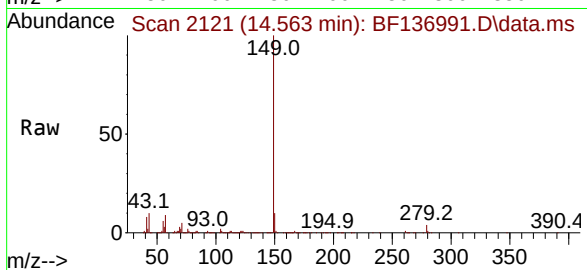
Tgt Ion:149 Resp: 476428

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

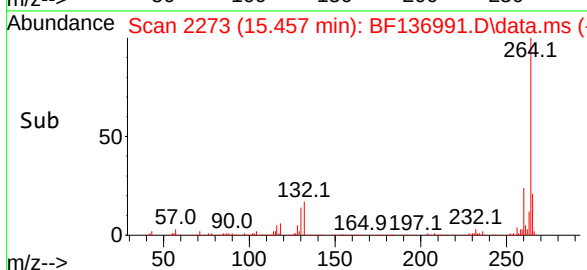
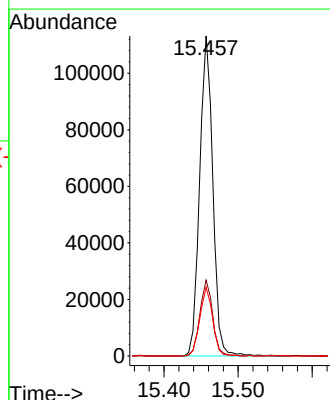
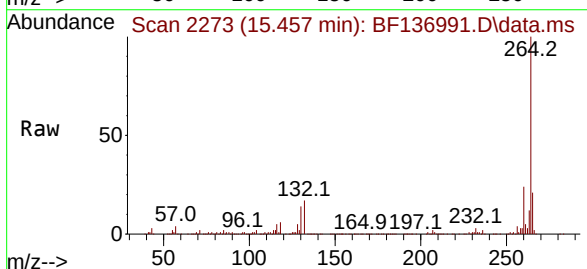
Tgt Ion:264 Resp: 139328

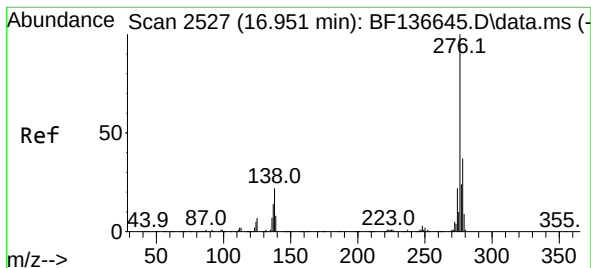
Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.117 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

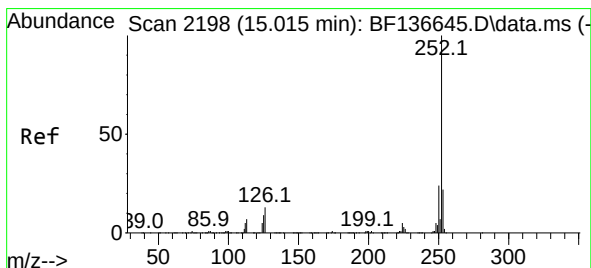
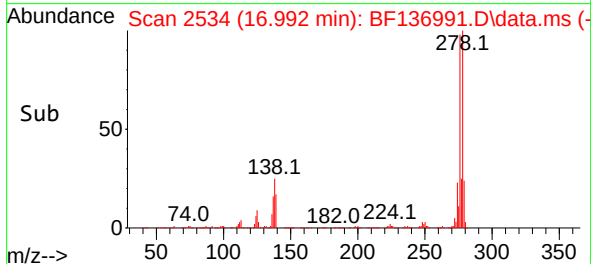
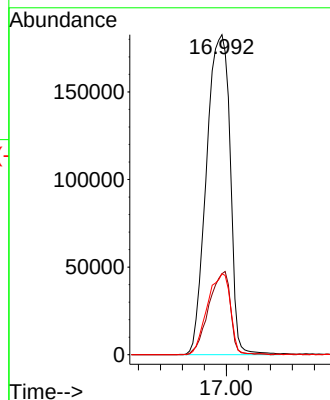
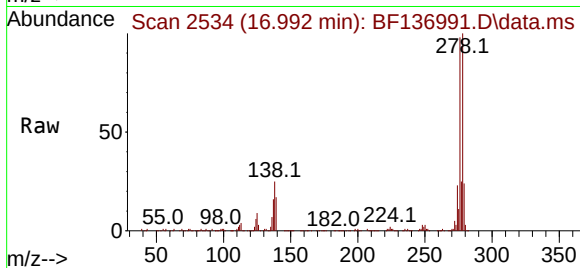
Tgt Ion:276 Resp: 544398

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.826 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

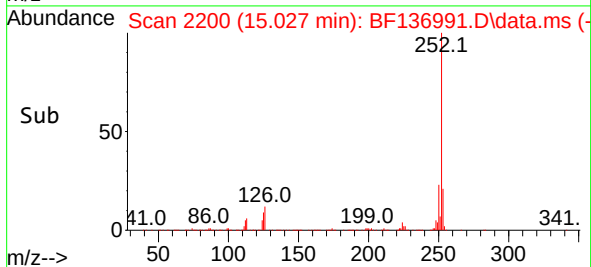
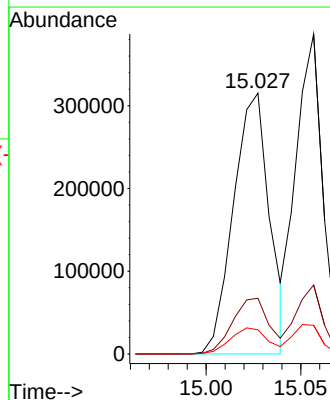
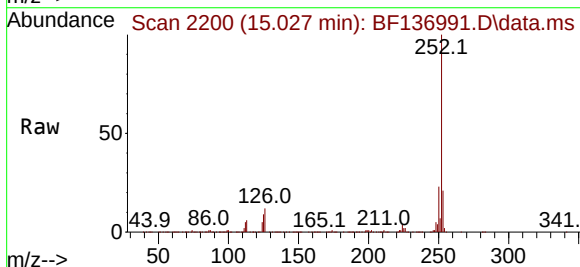
Tgt Ion:252 Resp: 417142

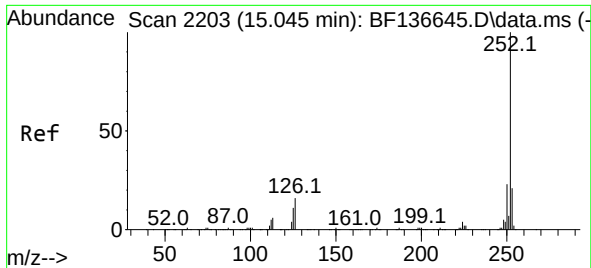
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.3 7.4 11.2

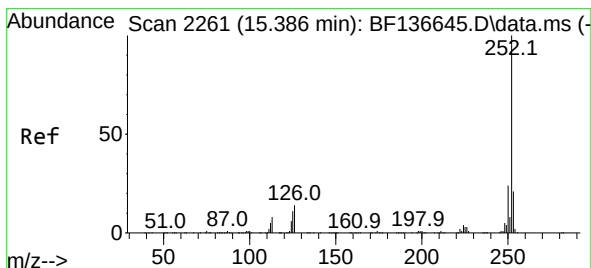
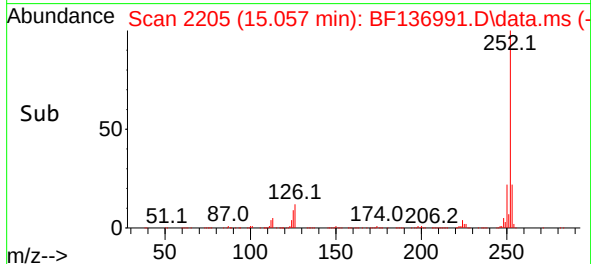
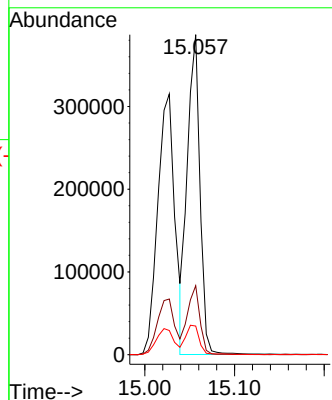
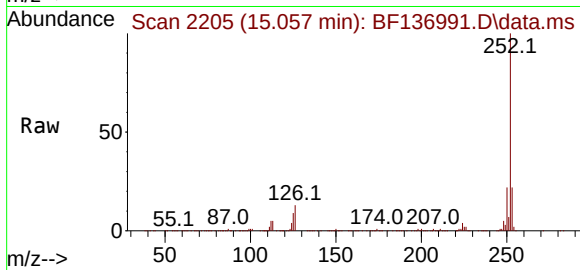




#89
Benzo(k)fluoranthene
Concen: 43.169 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

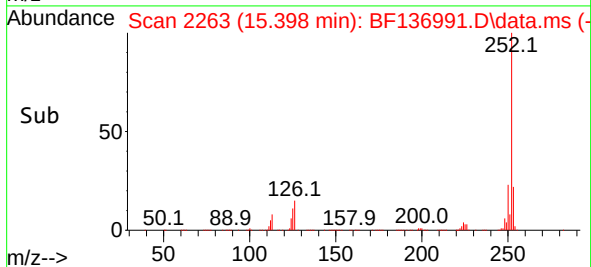
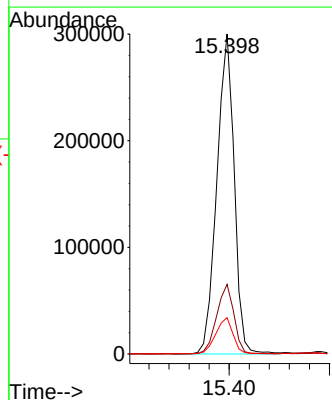
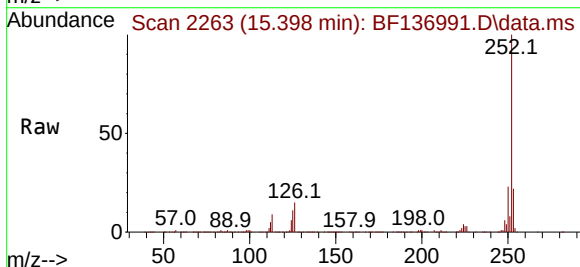
Instrument :
BNA_F
ClientSampleId :
PB158264BS

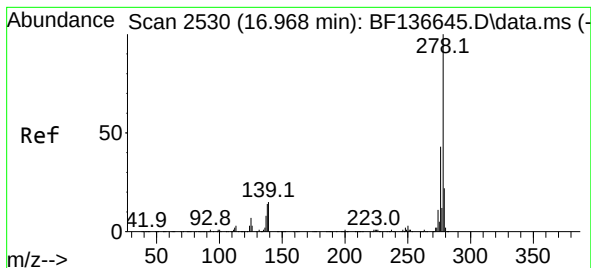
Tgt Ion:252 Resp: 379589
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 8.9 8.2 12.4



#90
Benzo(a)pyrene
Concen: 45.845 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.012 min
Lab File: BF136991.D
Acq: 08 Jan 2024 11:40

Tgt Ion:252 Resp: 360114
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 55.318 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.036 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Instrument :

BNA_F

ClientSampleId :

PB158264BS

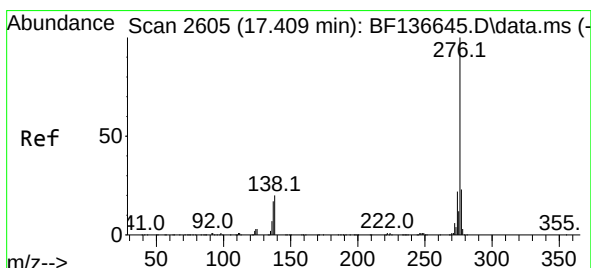
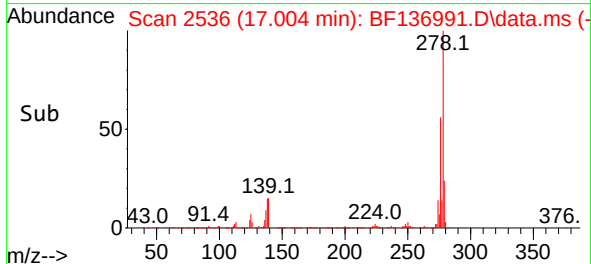
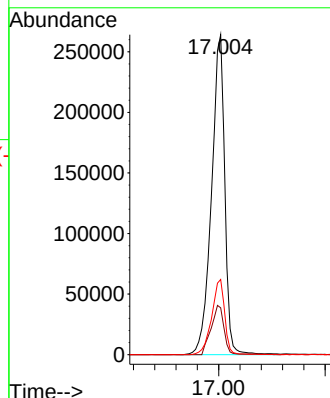
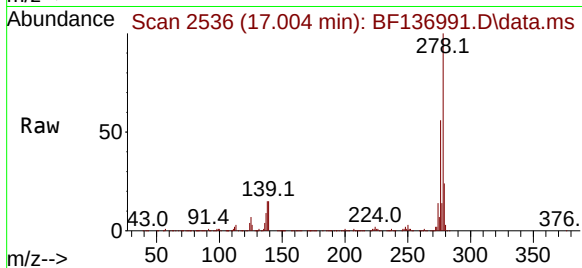
Tgt Ion:278 Resp: 456537

Ion Ratio Lower Upper

278 100

139 14.7 12.2 18.4

279 23.5 17.8 26.6



#92

Benzo(g,h,i)perylene

Concen: 53.895 ng

RT: 17.451 min Scan# 2612

Delta R.T. 0.041 min

Lab File: BF136991.D

Acq: 08 Jan 2024 11:40

Tgt Ion:276 Resp: 455565

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 18.7 15.6 23.4

