

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139038.D
 Acq On : 15 Aug 2024 23:17
 Operator : RC/JU
 Sample : P3573-05MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924MS

Quant Time: Aug 16 00:49:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	41126	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	165281	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	90313	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145618	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	76395	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	81462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	242031	90.846	ng	0.00
7) Phenol-d6	6.487	99	326113	91.170	ng	0.00
23) Nitrobenzene-d5	7.404	82	209902	62.091	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	65822	88.975	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	368101	61.239	ng	-0.02
79) Terphenyl-d14	12.933	244	280234	61.416	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	49660	42.575	ng	95
3) Pyridine	3.416	79	118747	42.026	ng	92
4) n-Nitrosodimethylamine	3.387	42	95095	56.509	ng	81
6) Aniline	6.504	93	158379	49.649	ng	# 62
8) 2-Chlorophenol	6.628	128	140385	50.083	ng	99
9) Benzaldehyde	6.393	77	105853	49.367	ng	97
10) Phenol	6.498	94	186052	49.401	ng	# 73
11) bis(2-Chloroethyl)ether	6.575	93	134683	46.472	ng	99
12) 1,3-Dichlorobenzene	6.775	146	149560	47.666	ng	98
13) 1,4-Dichlorobenzene	6.851	146	149807	47.310	ng	100
14) 1,2-Dichlorobenzene	7.004	146	143743	48.573	ng	99
15) Benzyl Alcohol	6.987	79	138215	53.612	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	240232	48.166	ng	# 41
17) 2-Methylphenol	7.104	107	113433	49.008	ng	# 87
18) Hexachloroethane	7.340	117	59082	49.568	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	111344	51.538	ng	96
20) 3+4-Methylphenols	7.257	107	150960	50.833	ng	# 82
22) Acetophenone	7.251	105	210797	52.089	ng	98
24) Nitrobenzene	7.422	77	167636	48.732	ng	98
25) Isophorone	7.663	82	289704	50.187	ng	98
26) 2-Nitrophenol	7.740	139	75564	51.057	ng	94
27) 2,4-Dimethylphenol	7.781	122	107243	60.564	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	167881	47.758	ng	99
29) 2,4-Dichlorophenol	7.987	162	114972	50.528	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	123181	46.911	ng	99
31) Naphthalene	8.140	128	415710	47.783	ng	99
32) Benzoic acid	7.928	122	45018	32.342	ng	89
33) 4-Chloroaniline	8.192	127	92357	31.625	ng	96
34) Hexachlorobutadiene	8.245	225	78512	49.364	ng	99
35) Caprolactam	8.575	113	23525	34.649	ng	93
36) 4-Chloro-3-methylphenol	8.687	107	135172	51.980	ng	98
37) 2-Methylnaphthalene	8.828	142	275772	50.191	ng	100
38) 1-Methylnaphthalene	8.928	142	252514	46.900	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	124273	49.535	ng	97
41) Hexachlorocyclopentadiene	8.975	237	72267	106.319	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	71174	46.530	ng	99

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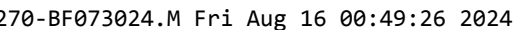
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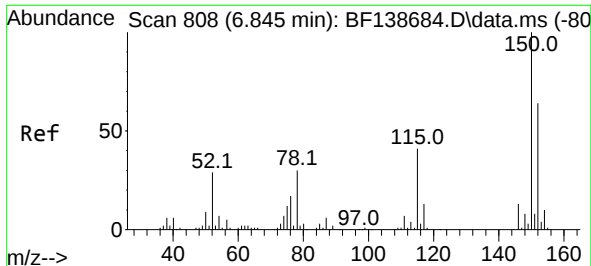
Quant Time: Aug 16 00:49:19 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	77522	46.359	ng	99
46) 1,1'-Biphenyl	9.292	154	347565	49.138	ng	98
47) 2-Chloronaphthalene	9.316	162	252912	48.077	ng	99
48) 2-Nitroaniline	9.422	65	95659	53.639	ng	94
49) Acenaphthylene	9.734	152	388065	52.012	ng	99
50) Dimethylphthalate	9.592	163	302944	52.460	ng	99
51) 2,6-Dinitrotoluene	9.663	165	65661	50.383	ng	# 84
52) Acenaphthene	9.904	154	248990	49.645	ng	99
53) 3-Nitroaniline	9.839	138	49015	36.381	ng	98
54) 2,4-Dinitrophenol	9.957	184	52267	87.122	ng	83
55) Dibenzofuran	10.075	168	359295	50.749	ng	96
56) 4-Nitrophenol	10.022	139	60233	74.345	ng	87
57) 2,4-Dinitrotoluene	10.075	165	87279	52.491	ng	# 79
58) Fluorene	10.422	166	288288	51.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	62532	48.913	ng	95
60) Diethylphthalate	10.292	149	296462	54.144	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	141903	51.176	ng	98
62) 4-Nitroaniline	10.457	138	57599	44.988	ng	89
63) Azobenzene	10.569	77	309915	51.033	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	42129	47.422	ng	94
66) n-Nitrosodiphenylamine	10.533	169	242146	53.199	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	80196	50.867	ng	100
68) Hexachlorobenzene	10.969	284	79821	49.035	ng	99
69) Atrazine	11.057	200	79947	68.078	ng	97
70) Pentachlorophenol	11.175	266	45023	61.361	ng	98
71) Phenanthrene	11.380	178	385884	51.464	ng	100
72) Anthracene	11.433	178	382585	51.794	ng	100
73) Carbazole	11.592	167	302821	47.517	ng	99
74) Di-n-butylphthalate	11.910	149	407674	56.905	ng	99
75) Fluoranthene	12.569	202	315733	45.105	ng	98
77) Benzidine	12.698	184	96350	52.730	ng	98
78) Pyrene	12.798	202	313098	43.529	ng	100
80) Butylbenzylphthalate	13.410	149	127336	55.283	ng	97
81) Benzo(a)anthracene	13.986	228	256541	48.765	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	66030	49.048	ng	97
83) Chrysene	14.027	228	246263	51.887	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	167438	49.643	ng	100
85) Di-n-octyl phthalate	14.569	149	294649	47.217	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	197436	33.820	ng	95
88) Benzo(b)fluoranthene	15.039	252	259912	51.469	ng	97
89) Benzo(k)fluoranthene	15.063	252	236478	54.086	ng	99
90) Benzo(a)pyrene	15.404	252	232945	54.841	ng	98
91) Dibenzo(a,h)anthracene	16.939	278	162031	33.812	ng	98
92) Benzo(g,h,i)perylene	17.380	276	138196	27.790	ng	95

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

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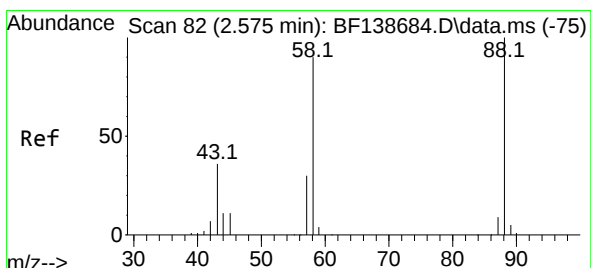
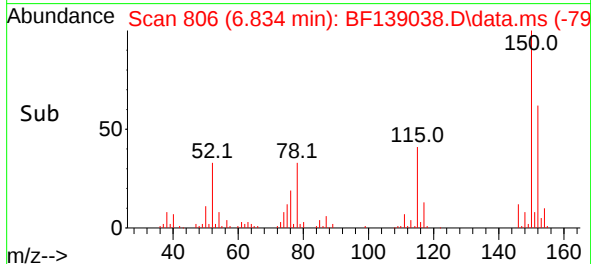
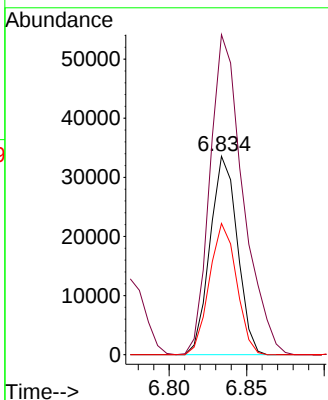
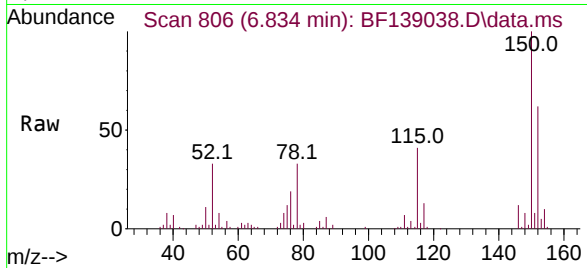




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

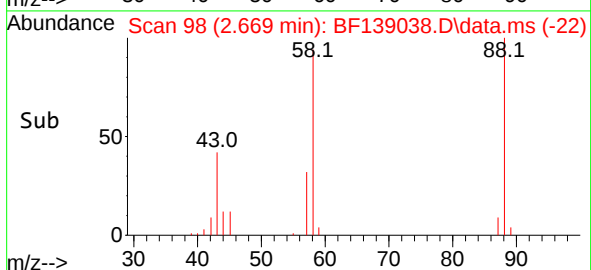
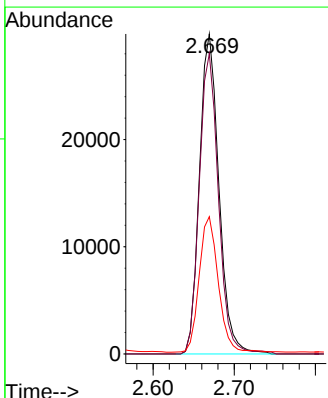
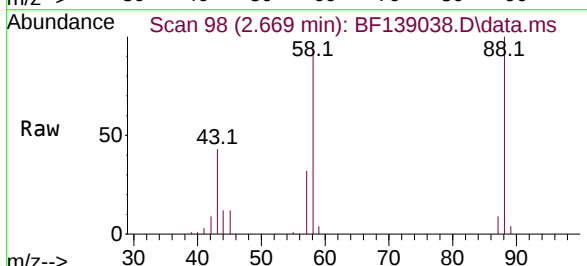
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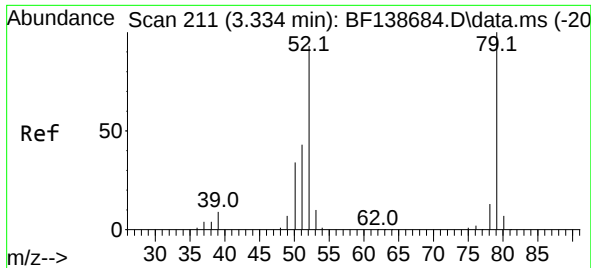
Tgt Ion:152 Resp: 41126
Ion Ratio Lower Upper
152 100
150 161.3 126.0 189.0
115 66.1 51.7 77.5



#2
1,4-Dioxane
Concen: 42.575 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.094 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 88 Resp: 49660
Ion Ratio Lower Upper
88 100
58 92.5 71.6 107.4
43 41.7 28.7 43.1

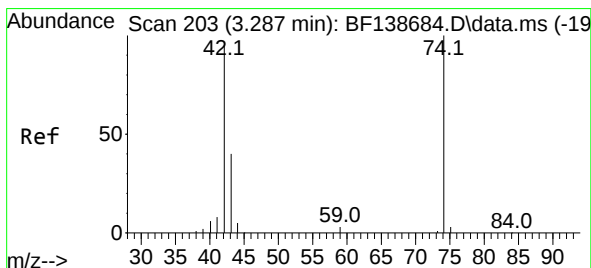
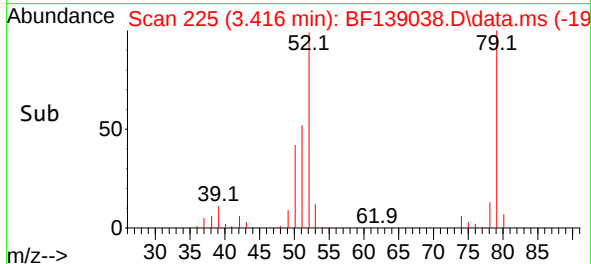
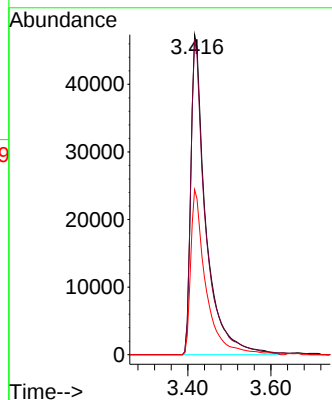
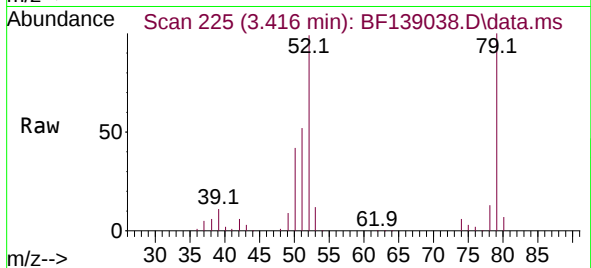




#3
Pyridine
Concen: 42.026 ng
RT: 3.416 min Scan# 211
Delta R.T. 0.082 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

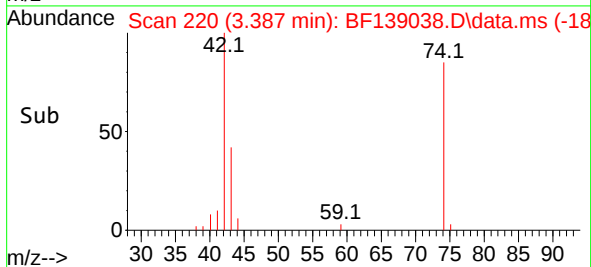
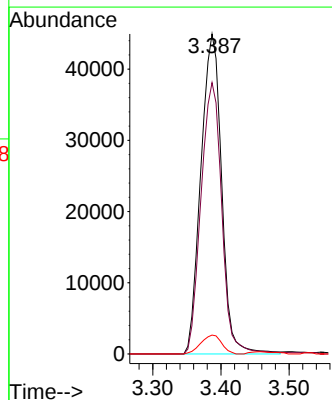
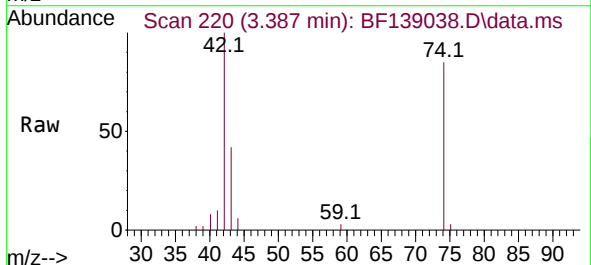
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BNA_F
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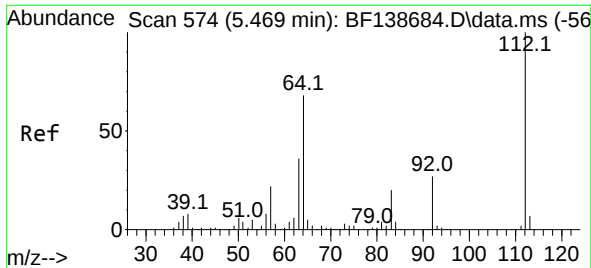
Tgt Ion: 79 Resp: 118747
Ion Ratio Lower Upper
79 100
52 98.7 74.7 112.1
51 51.6 34.6 51.8



#4
n-Nitrosodimethylamine
Concen: 56.509 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.100 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 42 Resp: 95095
Ion Ratio Lower Upper
42 100
74 84.8 84.2 126.4
44 5.9 4.9 7.3

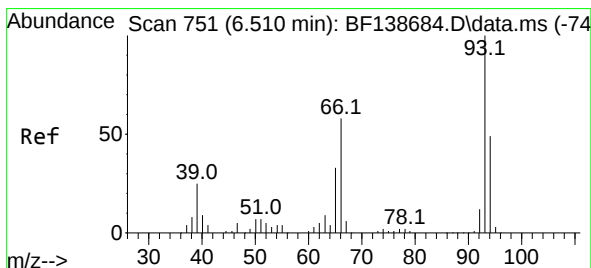
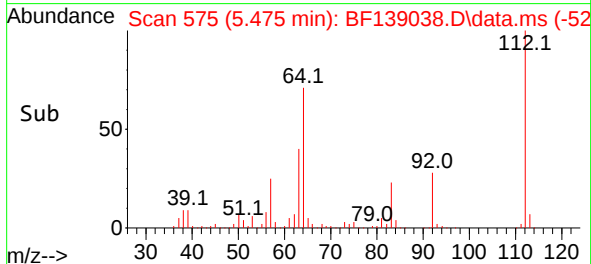
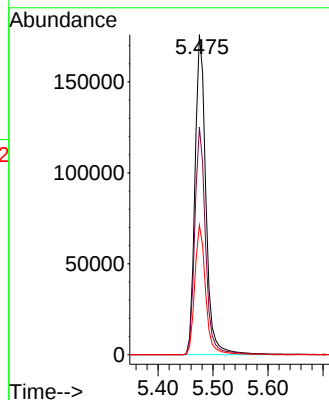
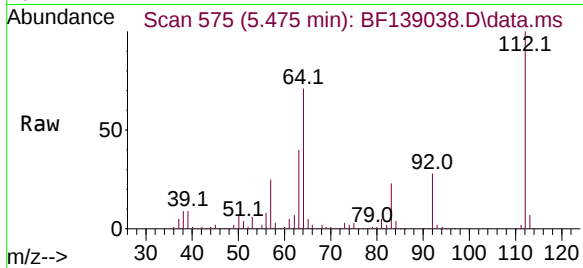




#5
2-Fluorophenol
Concen: 90.846 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

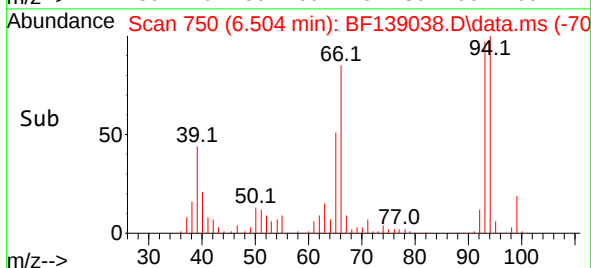
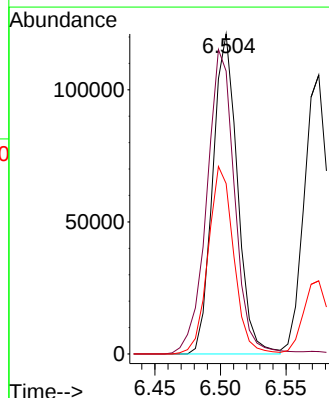
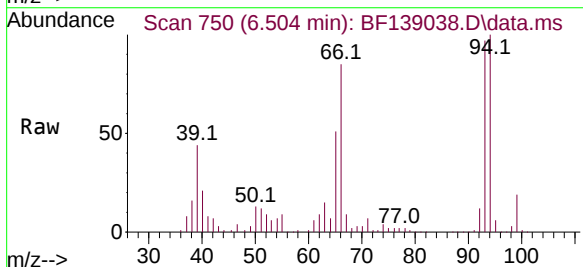
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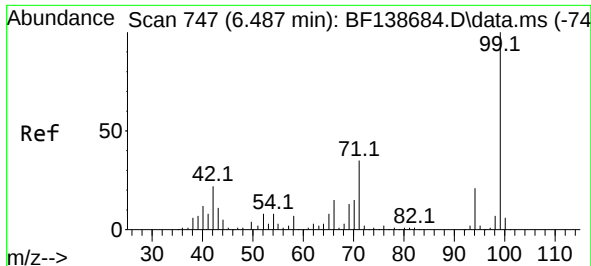
Tgt Ion:112 Resp: 242031
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 40.5 28.7 43.1



#6
Aniline
Concen: 49.649 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 93 Resp: 158379
Ion Ratio Lower Upper
93 100
66 88.4 46.9 70.3#
65 53.3 26.5 39.7#

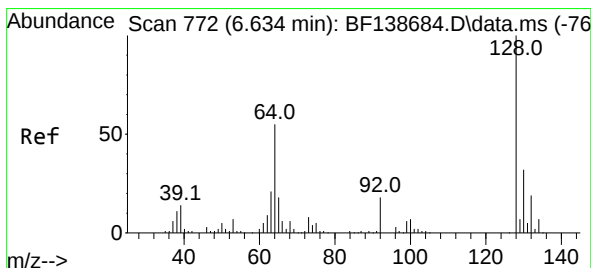
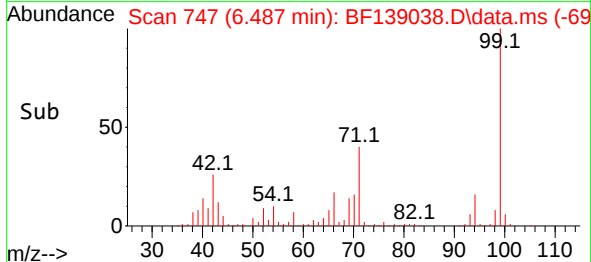
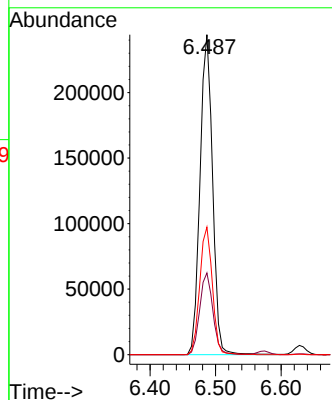
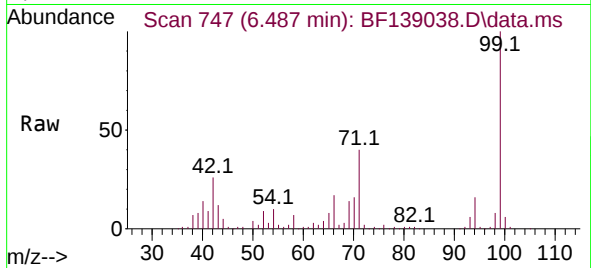




#7
Phenol-d6
Concen: 91.170 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

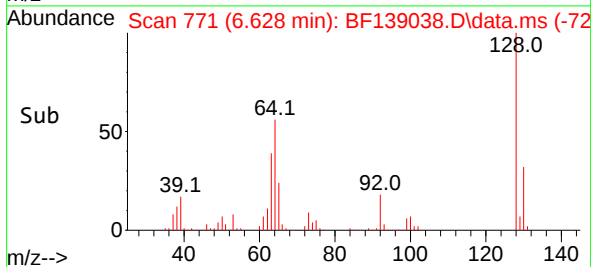
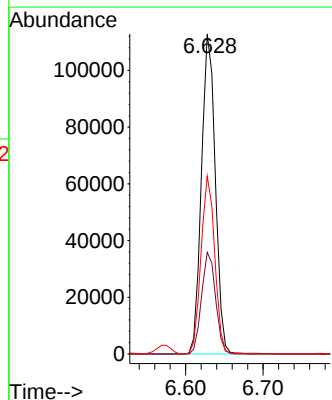
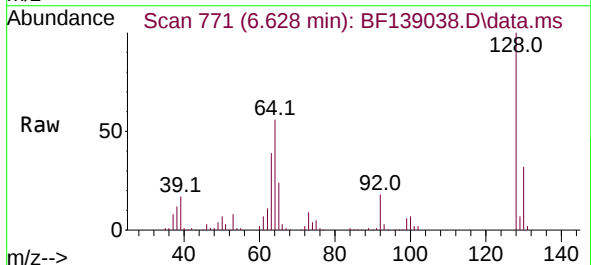
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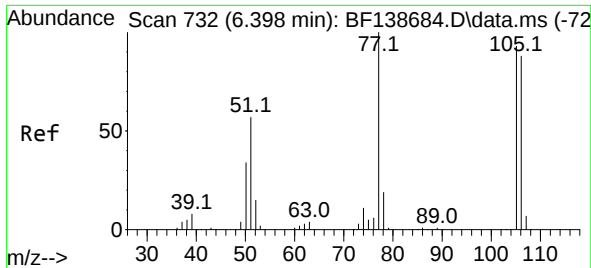
Tgt Ion: 99 Resp: 326113
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.9 28.1 42.1



#8
2-Chlorophenol
Concen: 50.083 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:128 Resp: 140385
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 55.6 36.3 76.3





#9

Benzaldehyde

Concen: 49.367 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

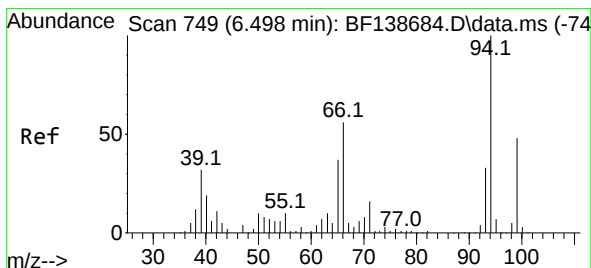
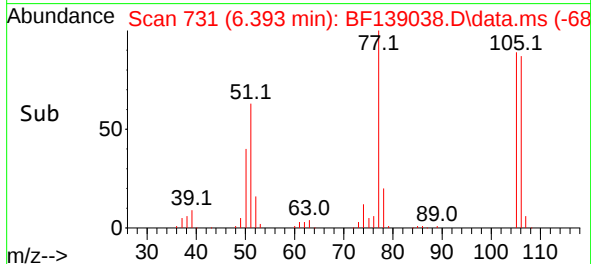
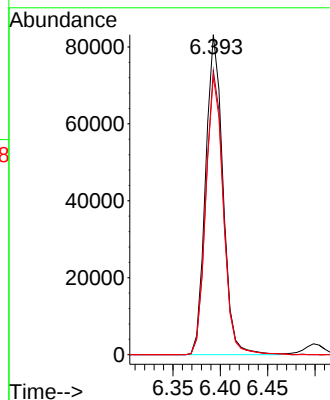
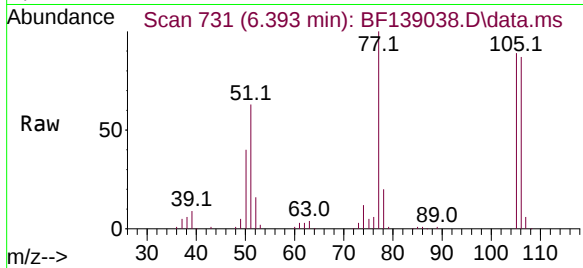
Tgt Ion: 77 Resp: 105853

Ion Ratio Lower Upper

77 100

105 88.8 72.9 112.9

106 87.0 68.4 108.4



#10

Phenol

Concen: 49.401 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

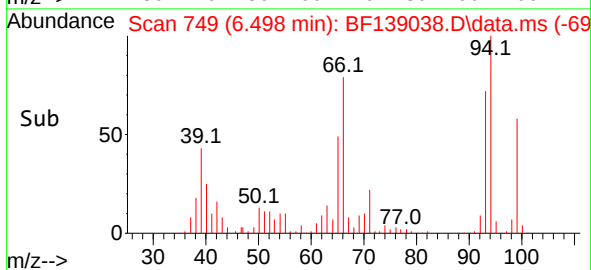
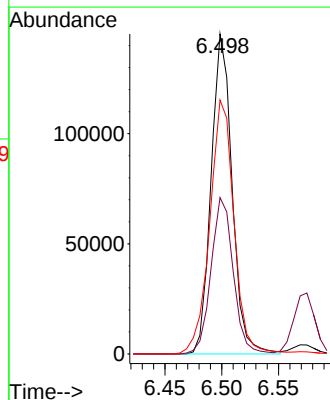
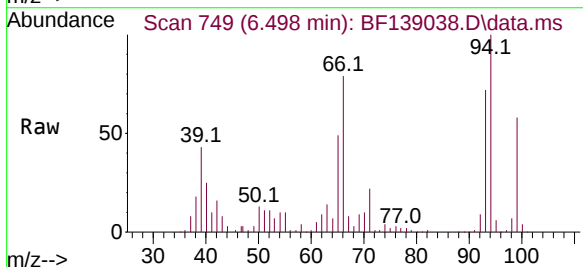
Tgt Ion: 94 Resp: 186052

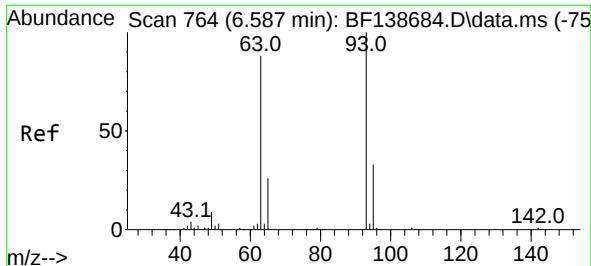
Ion Ratio Lower Upper

94 100

65 48.9 16.9 56.9

66 79.4 36.5 76.5#

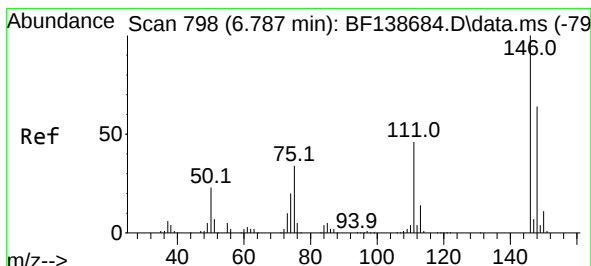
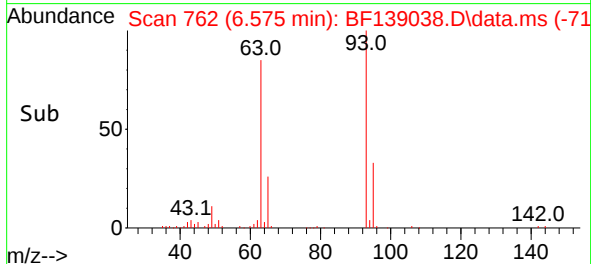
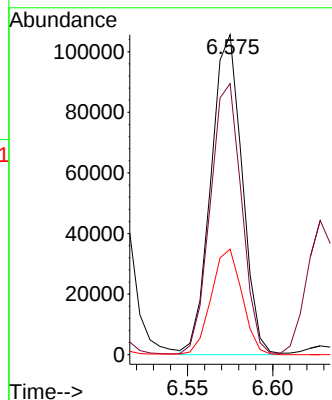
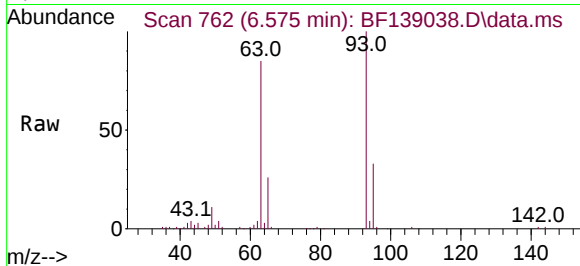




#11
bis(2-Chloroethyl)ether
Concen: 46.472 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

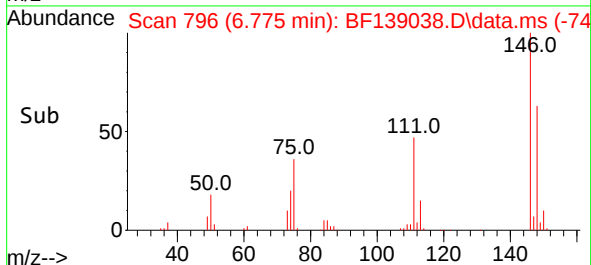
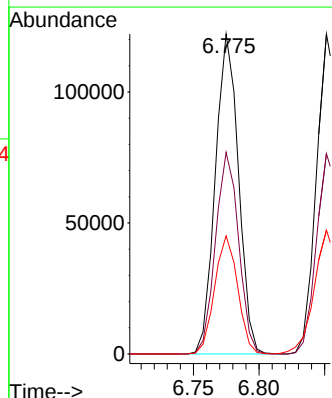
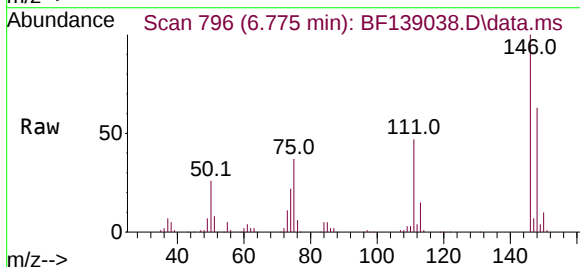
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

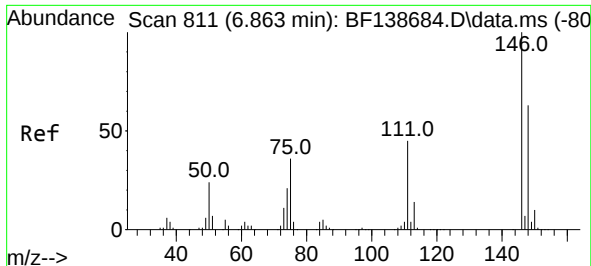
Tgt Ion:	93	Resp:	134683
Ion	Ratio	Lower	Upper
93	100		
63	84.7	65.3	105.3
95	33.0	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 47.666 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:	146	Resp:	149560
Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
75	36.9	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 47.310 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

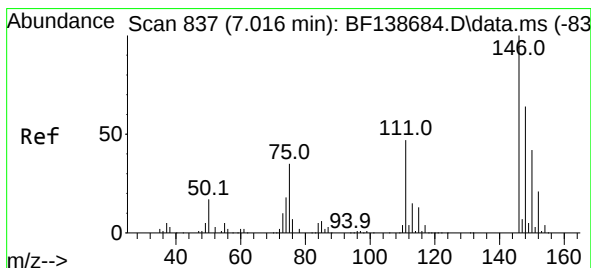
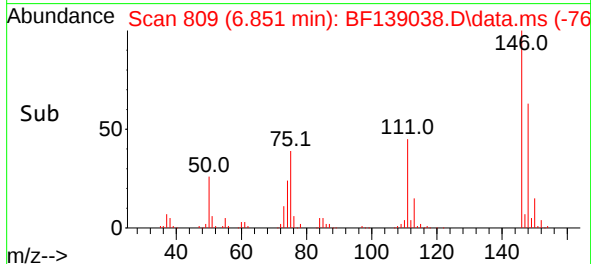
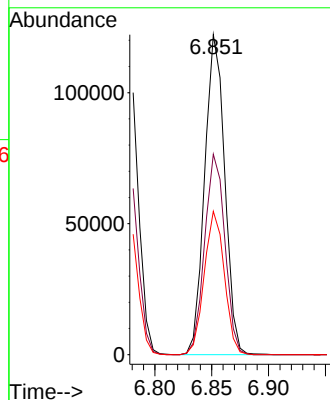
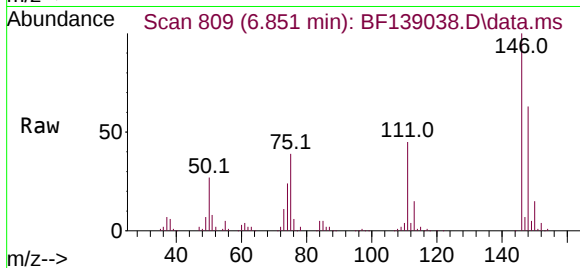
Tgt Ion:146 Resp: 149807

Ion Ratio Lower Upper

146 100

148 62.6 50.2 75.2

111 44.8 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 48.573 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

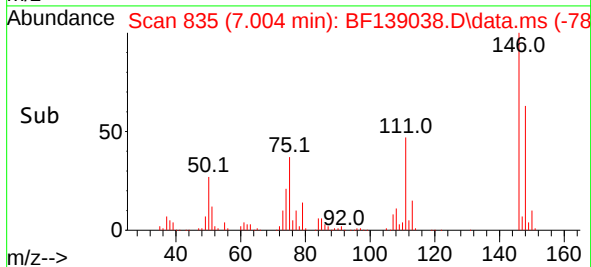
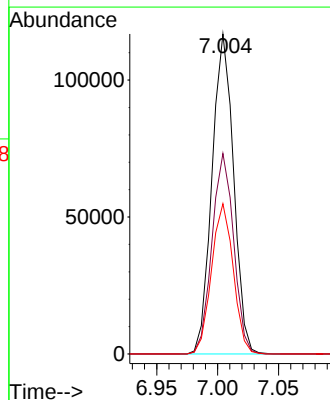
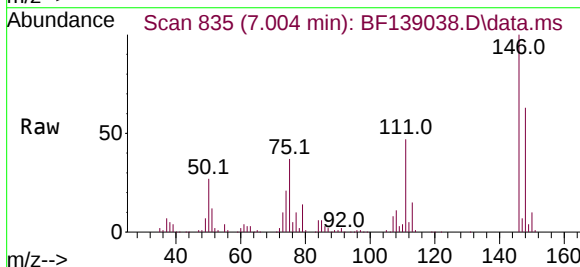
Tgt Ion:146 Resp: 143743

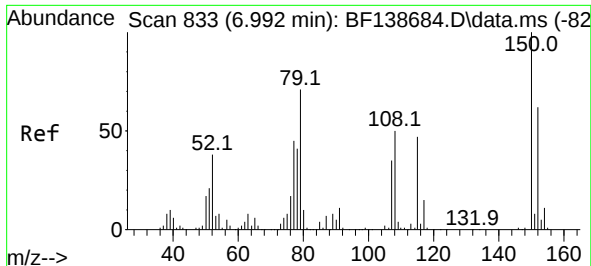
Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

111 46.9 37.4 56.2

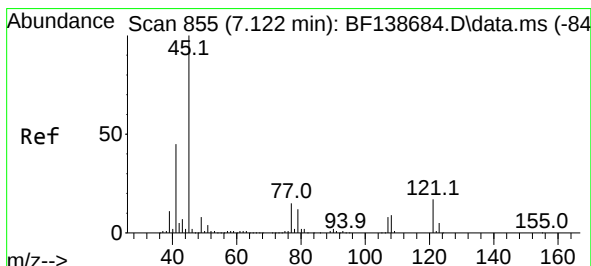
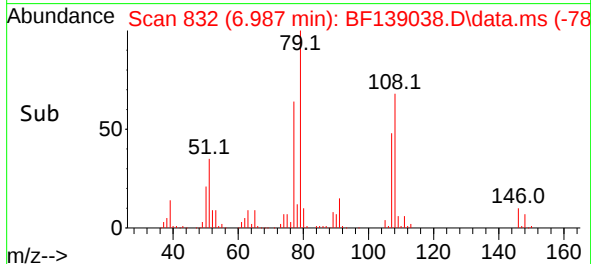
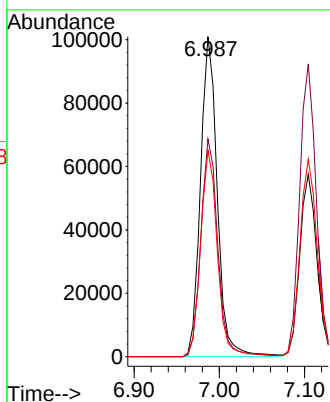
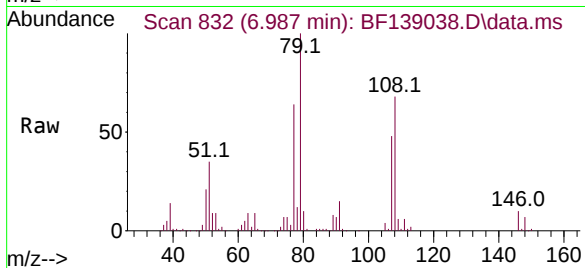




#15
Benzyl Alcohol
Concen: 53.612 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

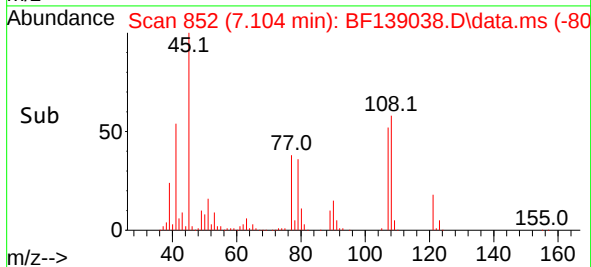
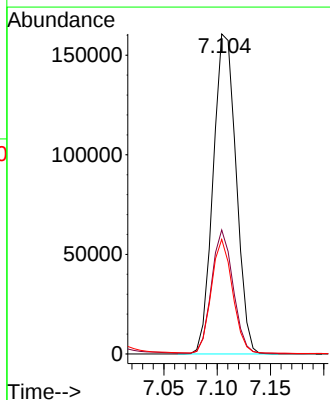
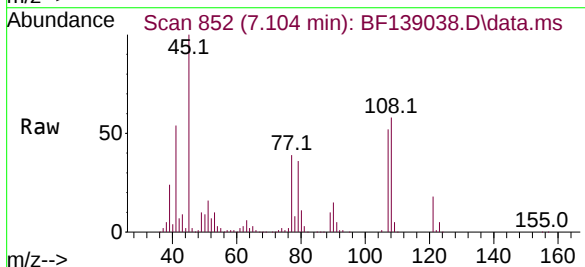
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

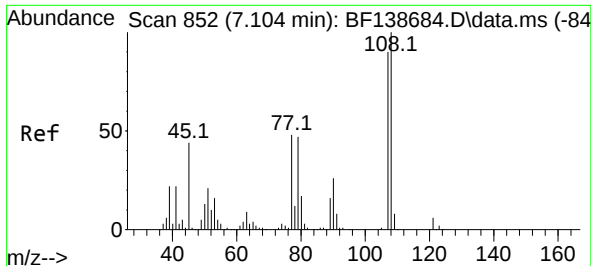
Tgt Ion: 79 Resp: 138215
Ion Ratio Lower Upper
79 100
108 68.0 56.6 85.0
77 64.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.166 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 45 Resp: 240232
Ion Ratio Lower Upper
45 100
77 38.7 0.0 34.9#
79 35.8 0.0 32.2#

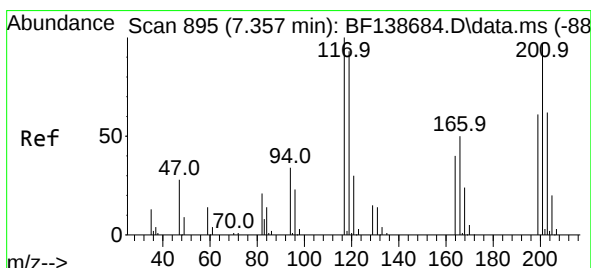
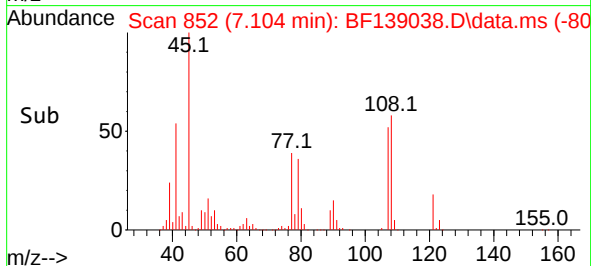
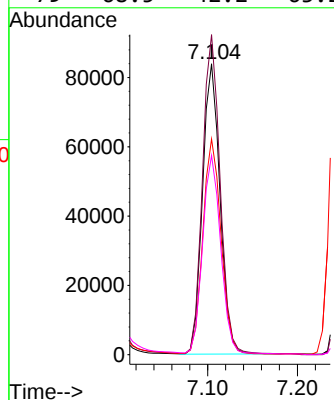
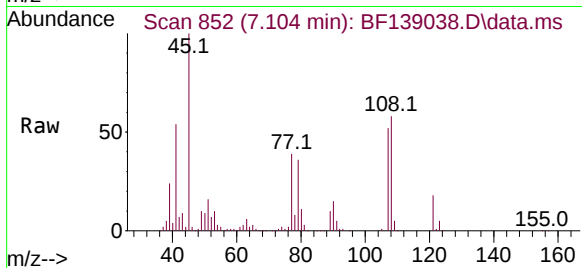




#17
2-Methylphenol
Concen: 49.008 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

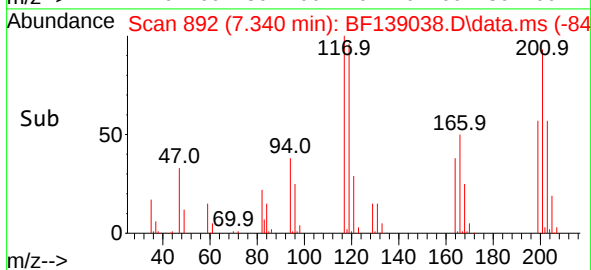
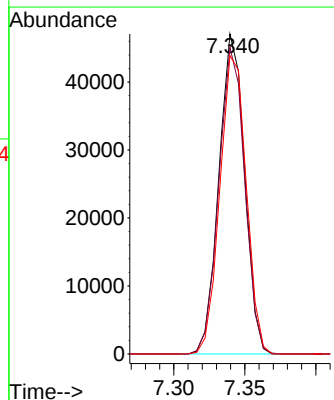
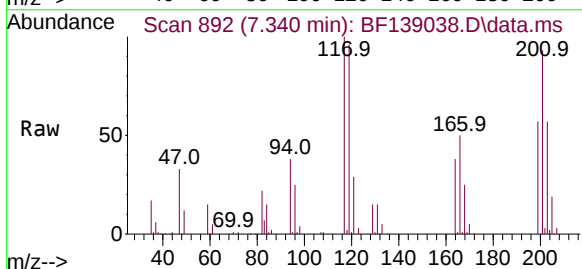
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

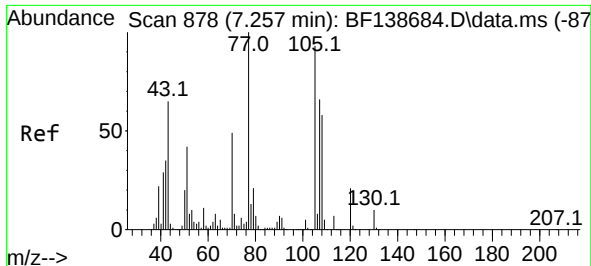
Tgt Ion:107 Resp: 113433
Ion Ratio Lower Upper
107 100
108 110.0 89.2 133.8
77 74.1 43.0 64.4#
79 68.5 42.2 63.2#



#18
Hexachloroethane
Concen: 49.568 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:117 Resp: 59082
Ion Ratio Lower Upper
117 100
119 95.8 74.6 111.8
201 93.3 77.2 115.8



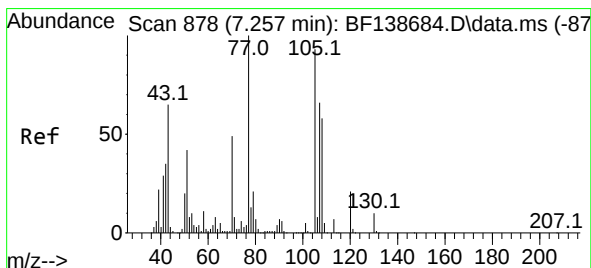
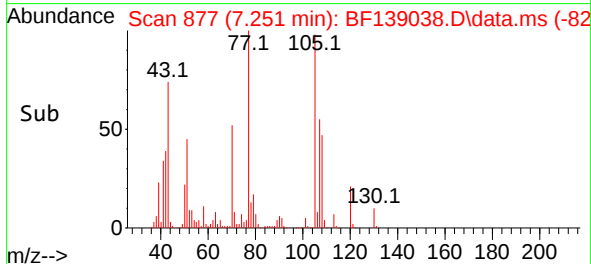
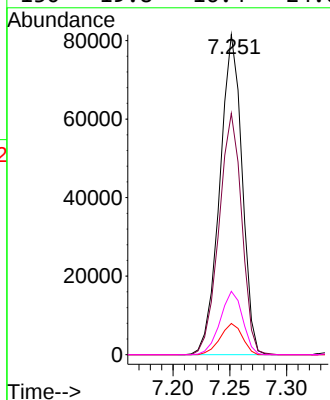
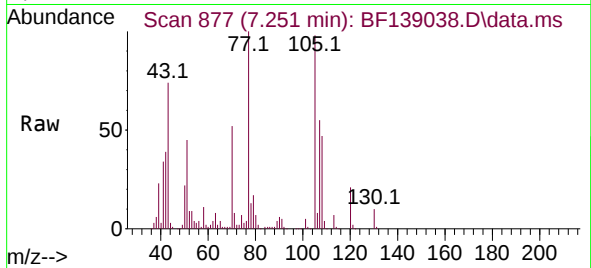


#19
n-Nitroso-di-n-propylamine
Concen: 51.538 ng
RT: 7.251 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

Tgt Ion: 70 Resp: 111344

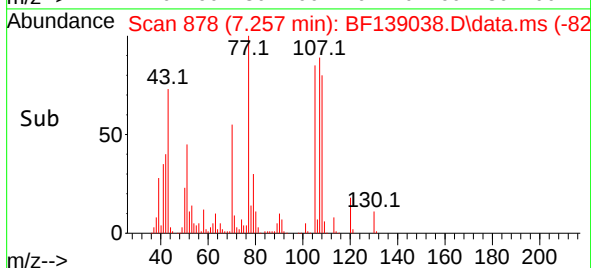
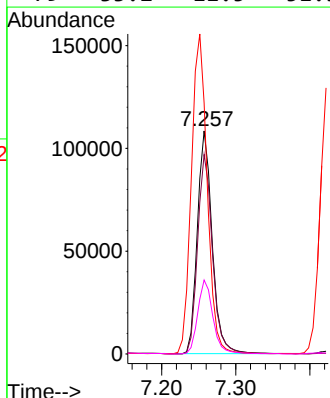
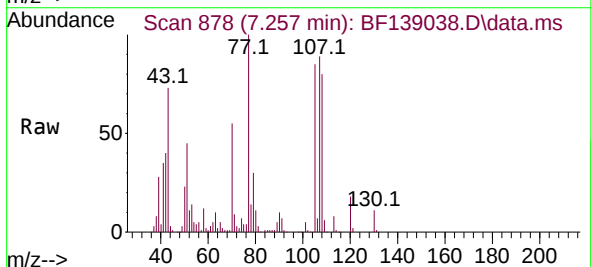
Ion	Ratio	Lower	Upper
70	100		
42	75.4	57.4	86.0
101	9.8	7.5	11.3
130	19.8	16.4	24.6

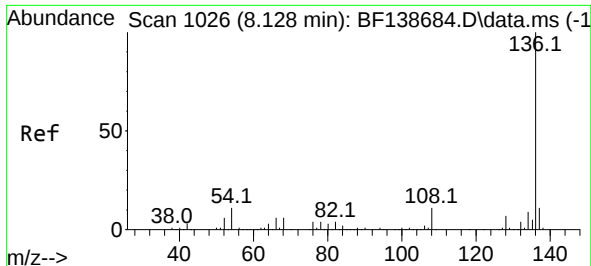


#20
3+4-Methylphenols
Concen: 50.833 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 107 Resp: 150960

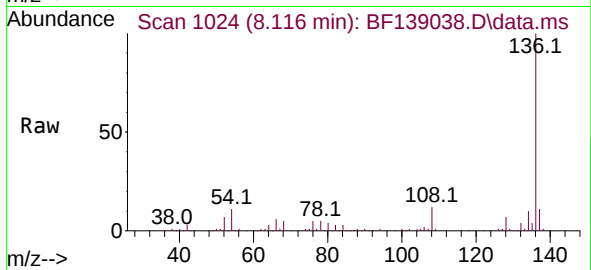
Ion	Ratio	Lower	Upper
107	100		
108	89.4	68.2	108.2
77	112.5	132.1	172.1#
79	33.2	11.5	51.5



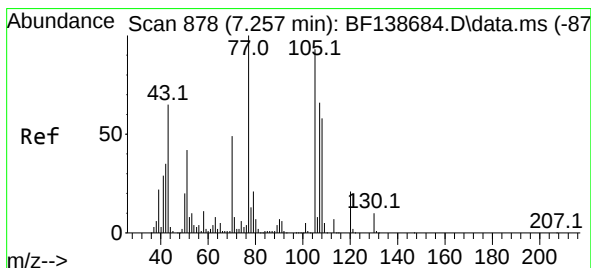
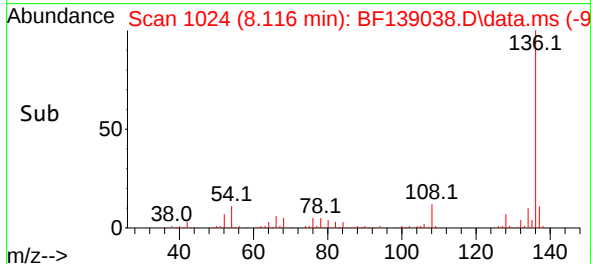
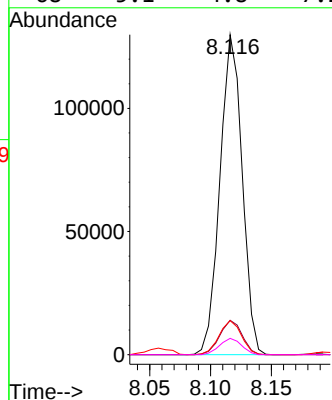


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

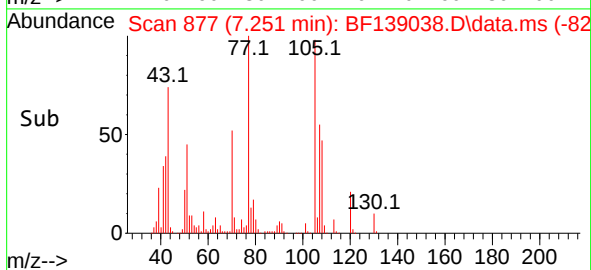
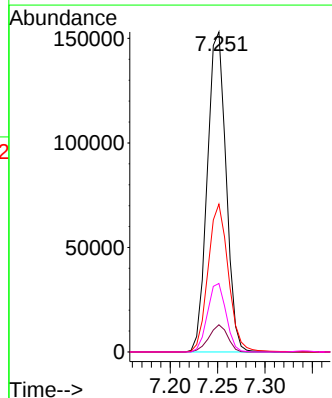
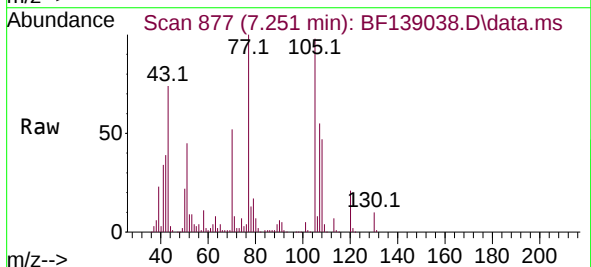


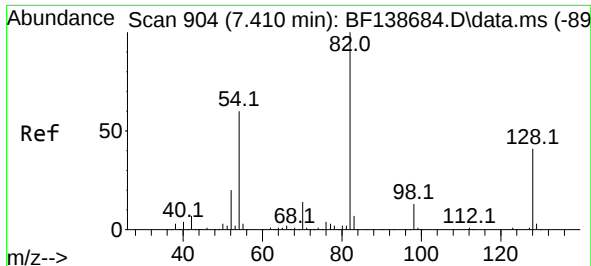
Tgt Ion:136	Resp: 165281
Ion Ratio	Lower Upper
136 100	
137 10.8	8.9 13.3
54 10.6	8.6 12.8
68 5.1	4.8 7.2



#22
Acetophenone
Concen: 52.089 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt	Ion:105	Resp:	210797
Ion	Ratio	Lower	Upper
105	100		
71	8.5	7.2	10.8
51	46.2	35.9	53.9
120	21.4	17.6	26.4

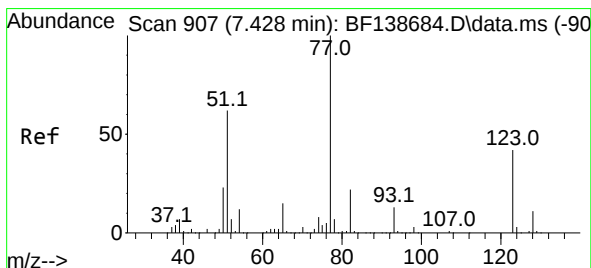
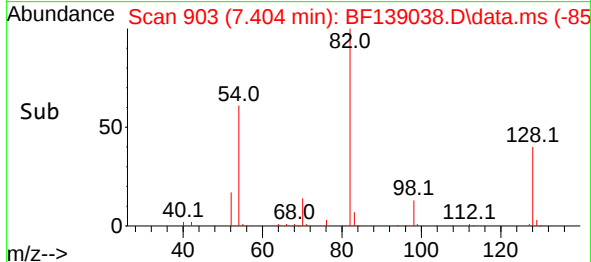
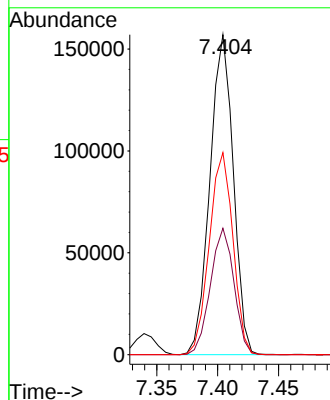
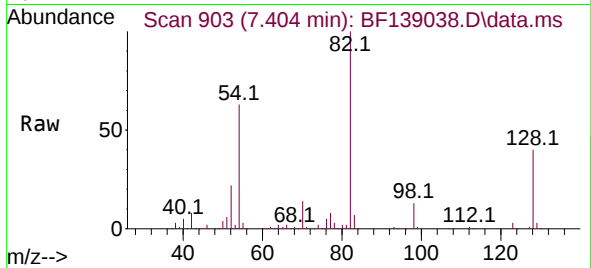




#23
Nitrobenzene-d5
Concen: 62.091 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

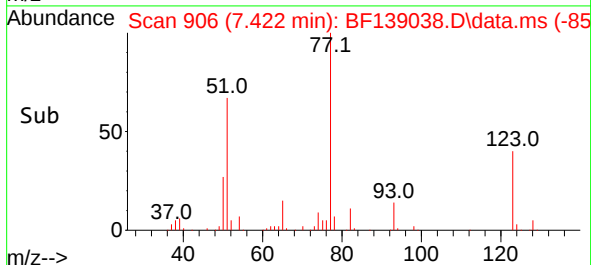
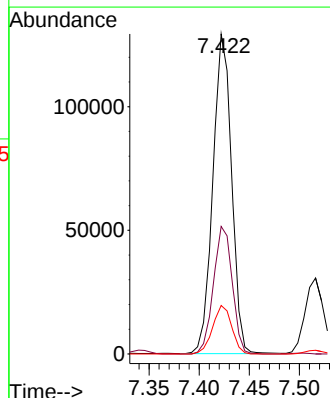
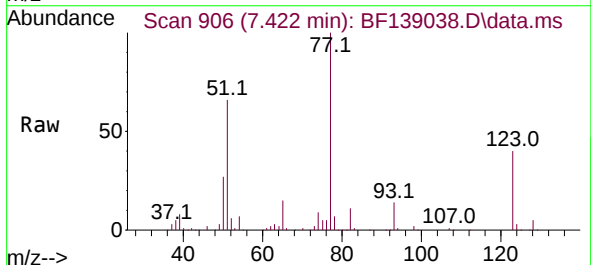
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

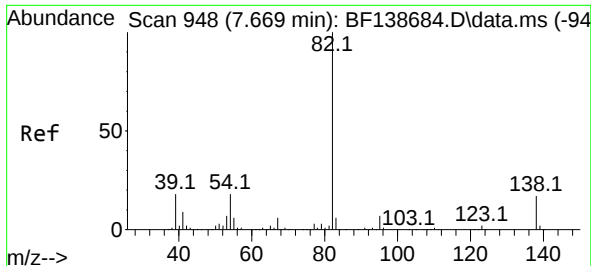
Tgt Ion: 82 Resp: 209902
Ion Ratio Lower Upper
82 100
128 39.5 32.8 49.2
54 63.1 48.3 72.5



#24
Nitrobenzene
Concen: 48.732 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 77 Resp: 167636
Ion Ratio Lower Upper
77 100
123 39.8 33.3 49.9
65 15.2 11.9 17.9

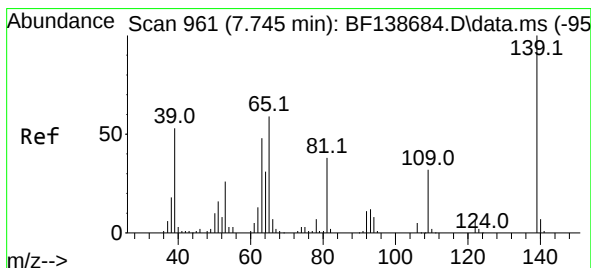
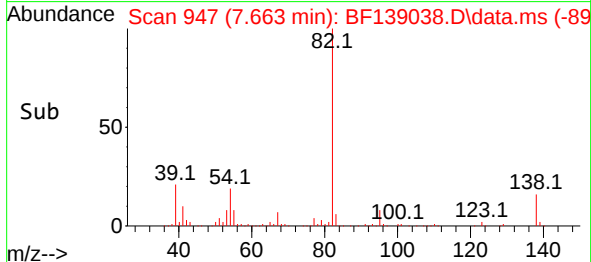
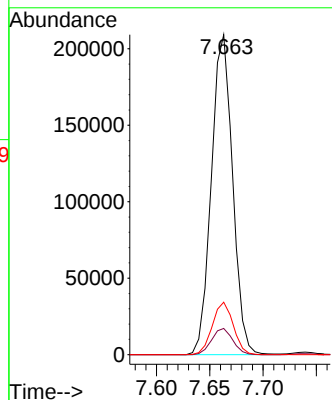
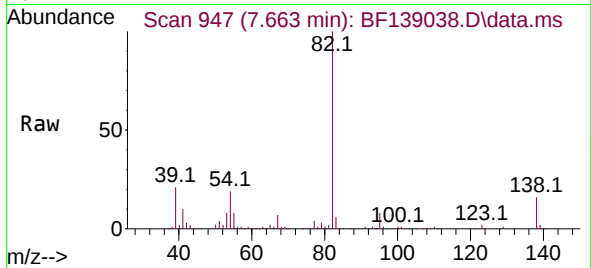




#25
Isophorone
Concen: 50.187 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

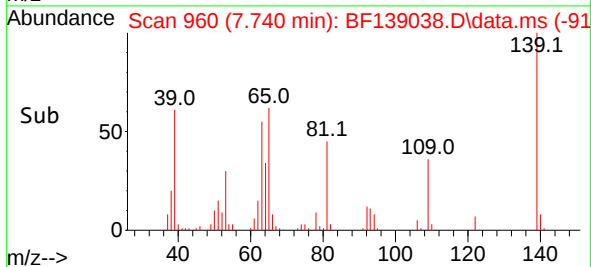
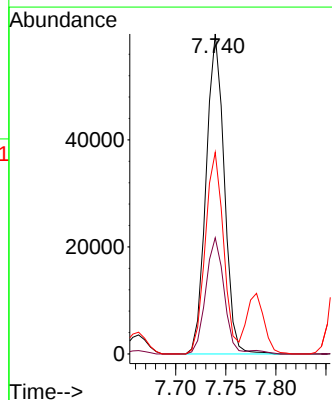
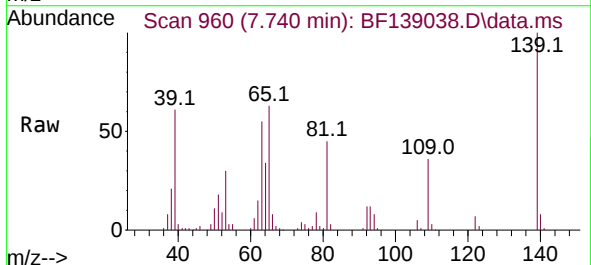
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

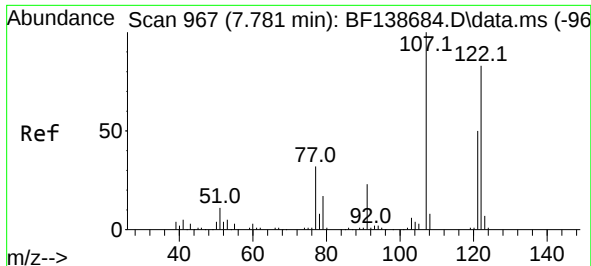
Tgt Ion: 82 Resp: 289704
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.4 13.7 20.5



#26
2-Nitrophenol
Concen: 51.057 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:139 Resp: 75564
Ion Ratio Lower Upper
139 100
109 36.3 25.9 38.9
65 63.0 47.0 70.6

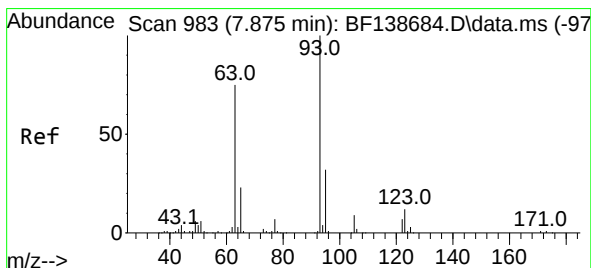
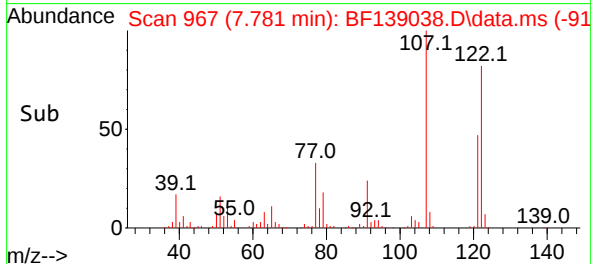
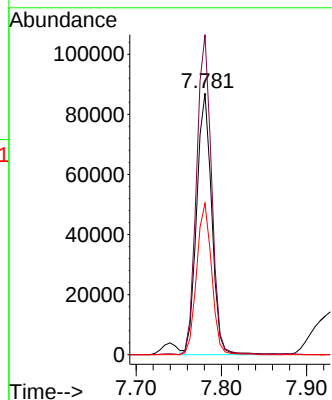
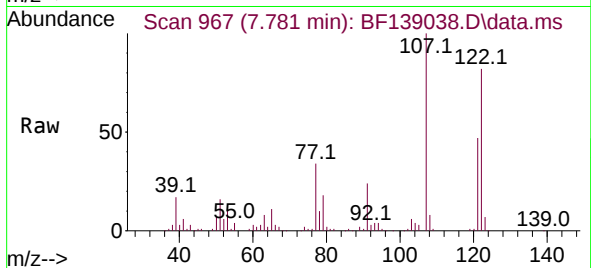




#27
2,4-Dimethylphenol
Concen: 60.564 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

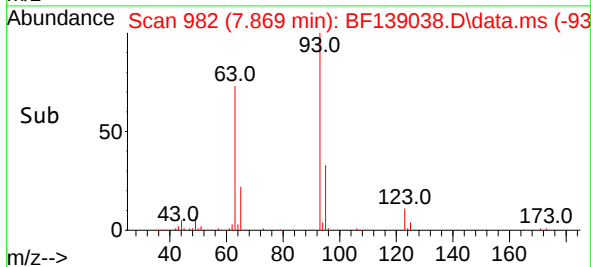
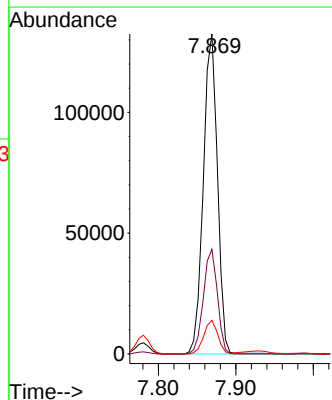
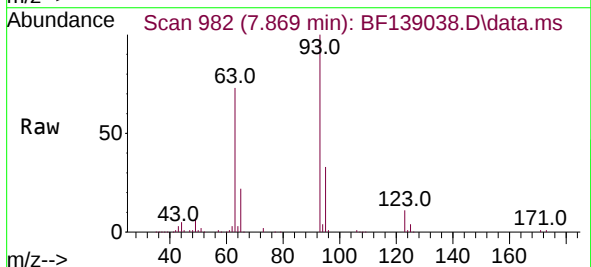
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

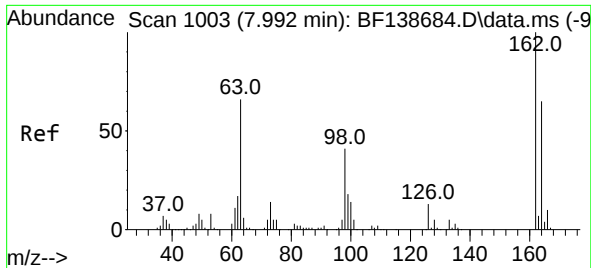
Tgt Ion:122 Resp: 107243
Ion Ratio Lower Upper
122 100
107 122.4 95.0 142.6
121 57.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.758 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion: 93 Resp: 167881
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.5 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.528 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF139038.D

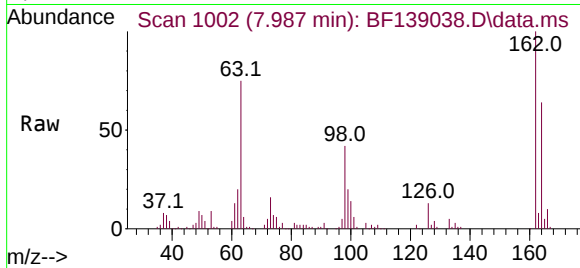
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS



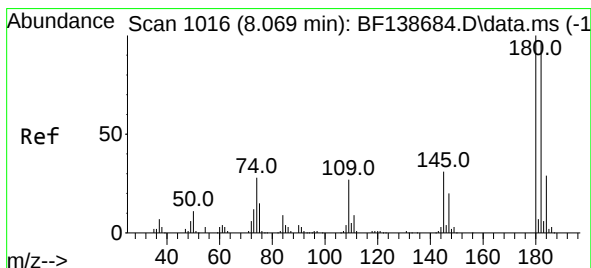
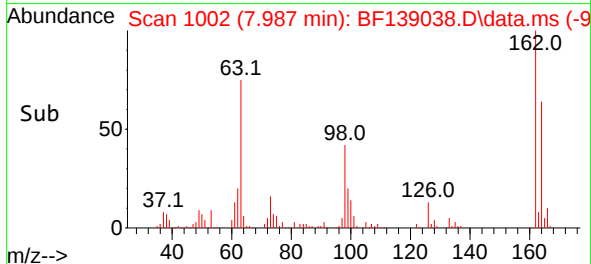
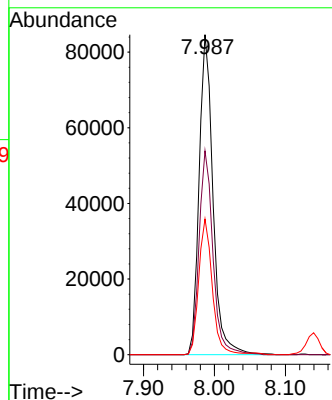
Tgt Ion:162 Resp: 114972

Ion Ratio Lower Upper

162 100

164 63.7 44.7 84.7

98 42.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 46.911 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

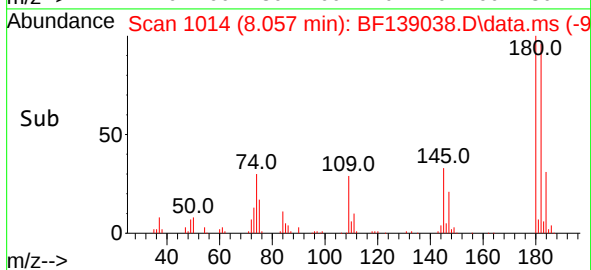
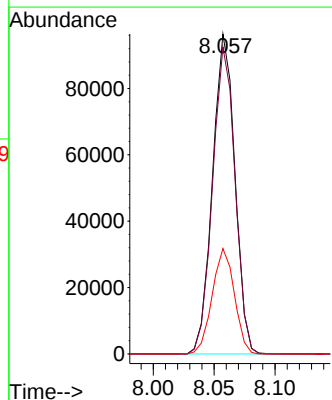
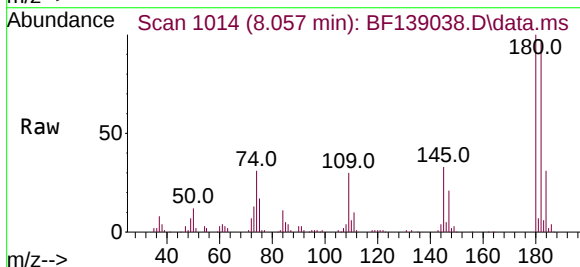
Tgt Ion:180 Resp: 123181

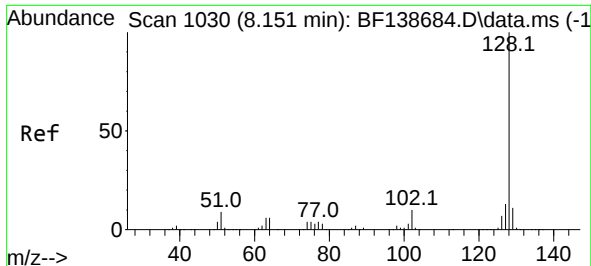
Ion Ratio Lower Upper

180 100

182 95.9 76.9 115.3

145 33.0 25.0 37.4

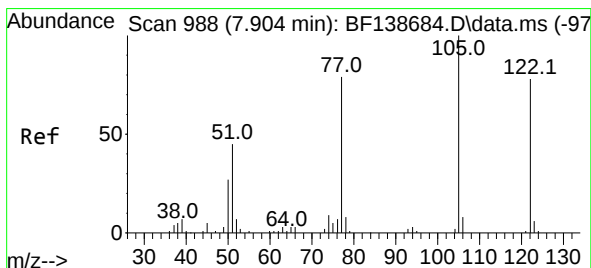
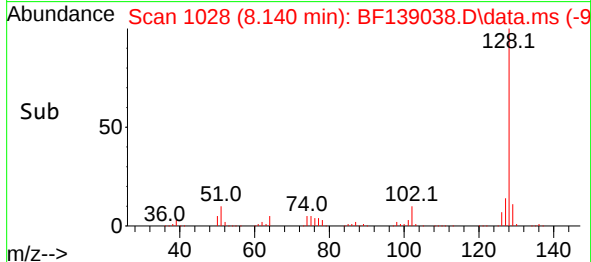
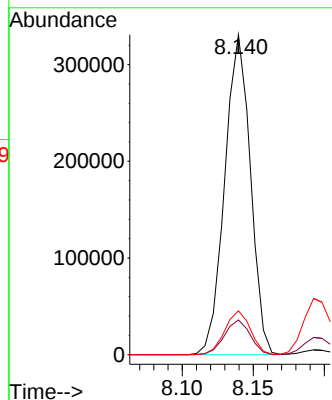
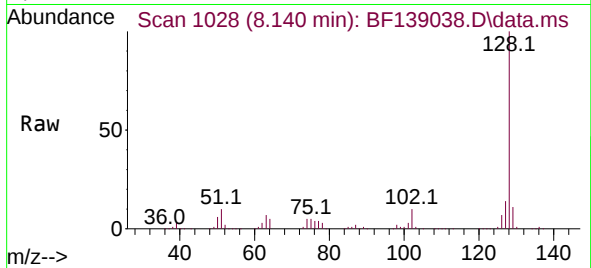




#31
Naphthalene
Concen: 47.783 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

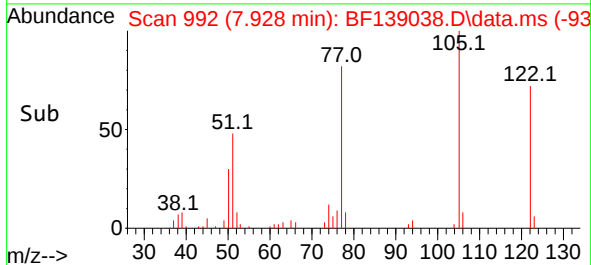
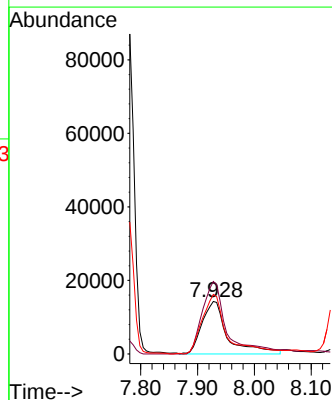
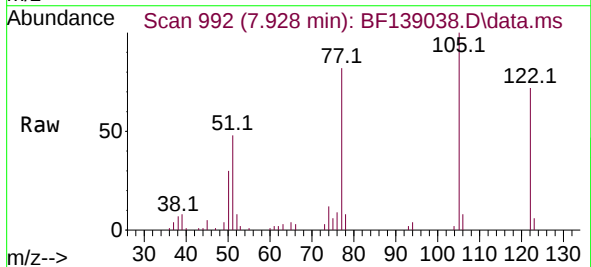
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

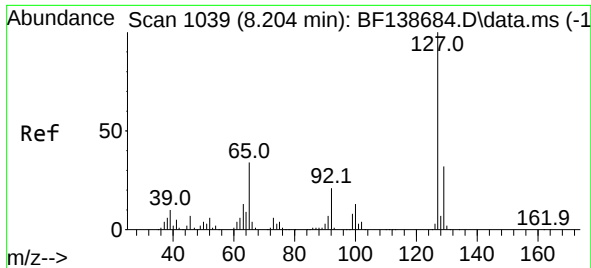
Tgt Ion:128 Resp: 415710
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 32.342 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.024 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:122 Resp: 45018
Ion Ratio Lower Upper
122 100
105 138.0 106.7 146.7
77 113.5 81.1 121.1

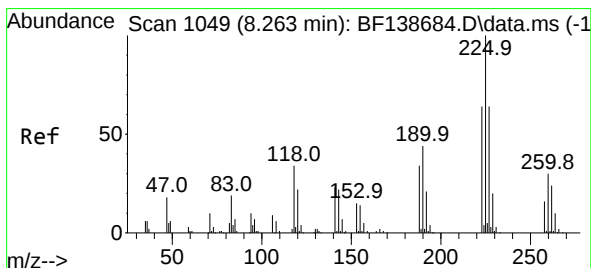
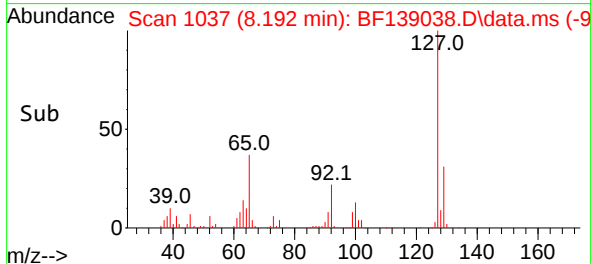
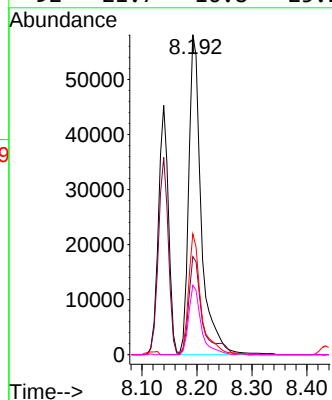
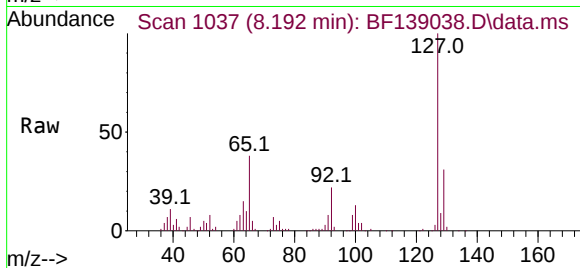




#33
4-Chloroaniline
Concen: 31.625 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

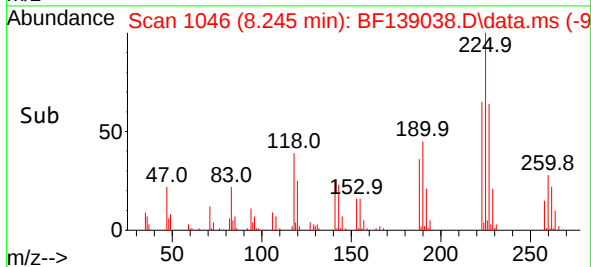
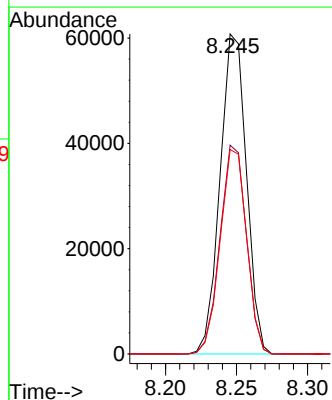
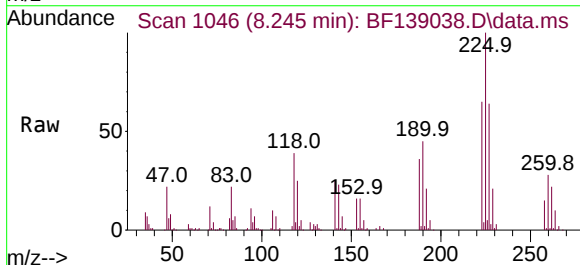
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

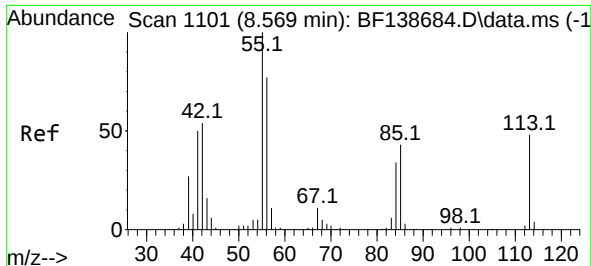
Tgt Ion:	127	Resp:	92357
Ion Ratio	Lower	Upper	
127	100		
129	30.6	25.9	38.9
65	37.8	27.6	41.4
92	21.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 49.364 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:	225	Resp:	78512
Ion Ratio	Lower	Upper	
225	100		
223	65.3	51.2	76.8
227	63.9	51.1	76.7

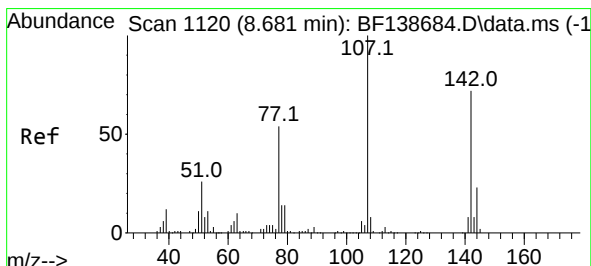
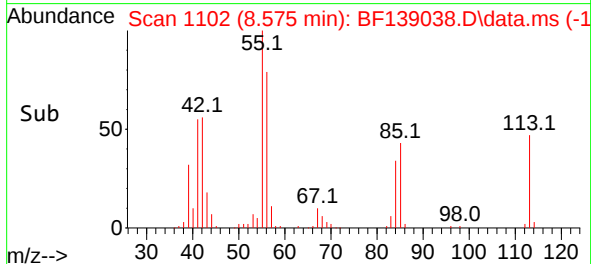
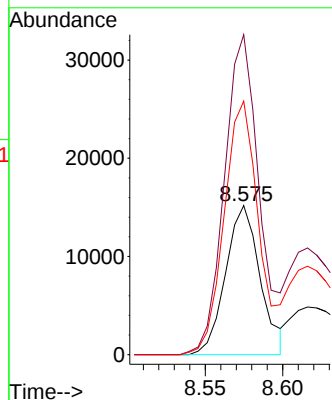
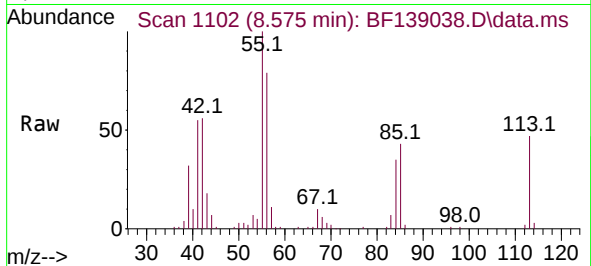




#35
Caprolactam
Concen: 34.649 ng
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

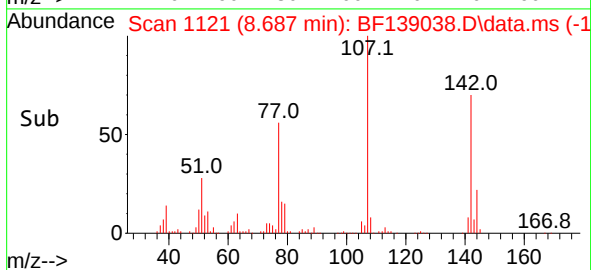
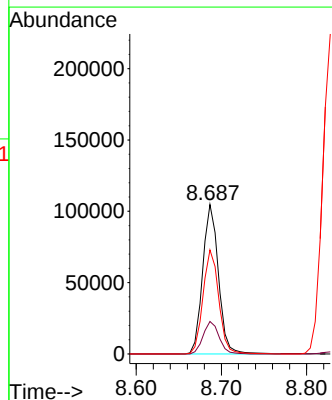
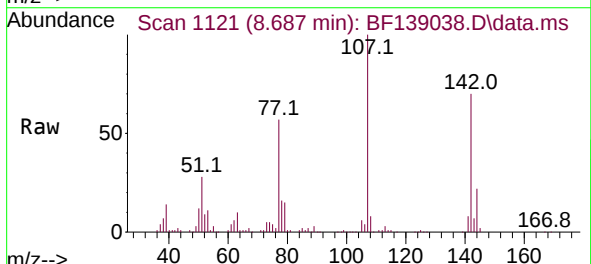
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

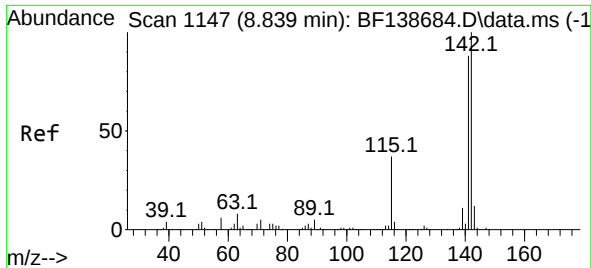
Tgt Ion:113 Resp: 23525
Ion Ratio Lower Upper
113 100
55 214.5 186.7 226.7
56 169.9 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 51.980 ng
RT: 8.687 min Scan# 1121
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:107 Resp: 135172
Ion Ratio Lower Upper
107 100
144 21.7 18.2 27.2
142 69.7 57.4 86.2

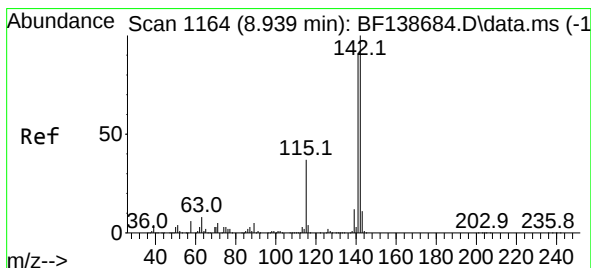
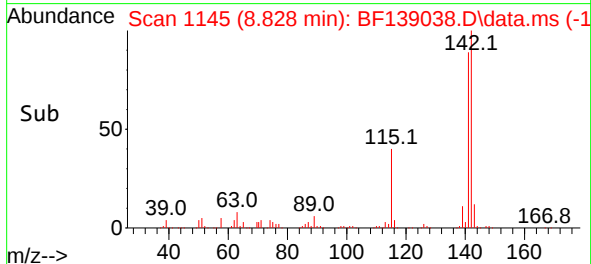
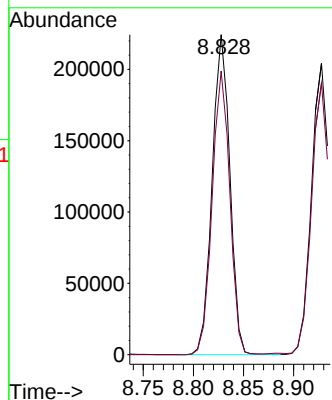
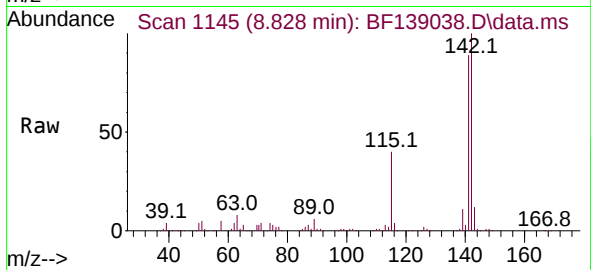




#37
2-Methylnaphthalene
Concen: 50.191 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

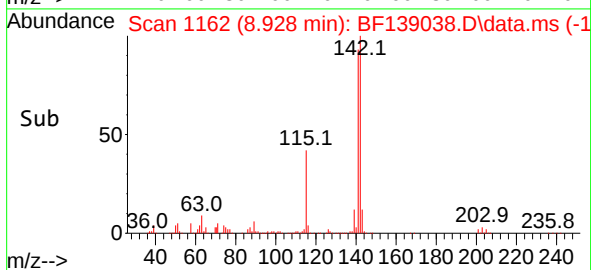
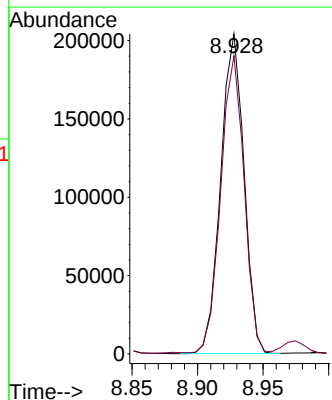
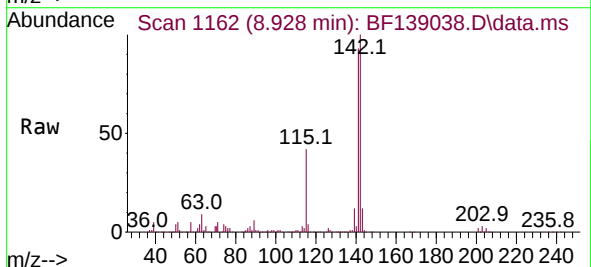
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

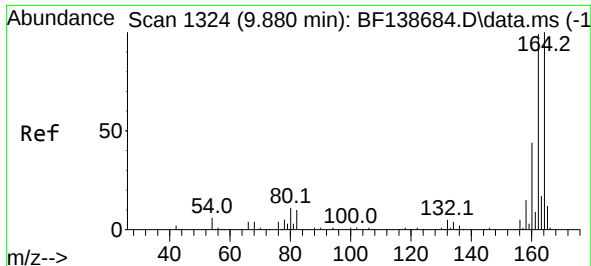
Tgt Ion:142 Resp: 275772
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2



#38
1-Methylnaphthalene
Concen: 46.900 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:142 Resp: 252514
Ion Ratio Lower Upper
142 100
141 93.2 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139038.D

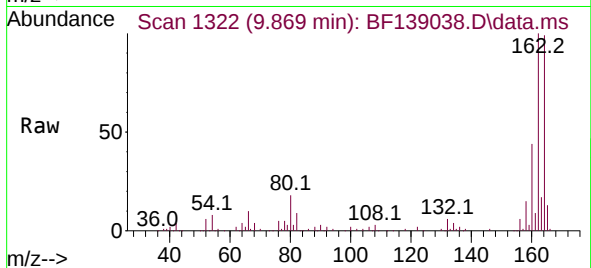
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS



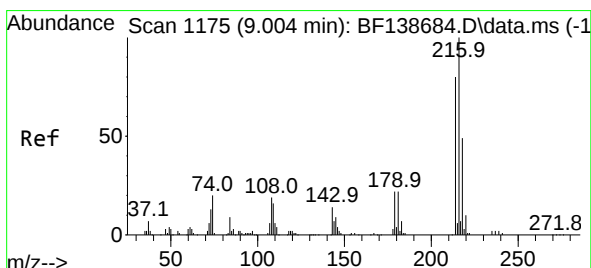
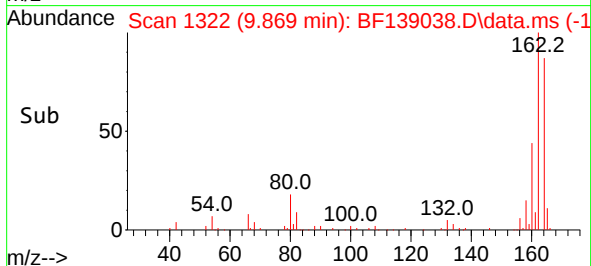
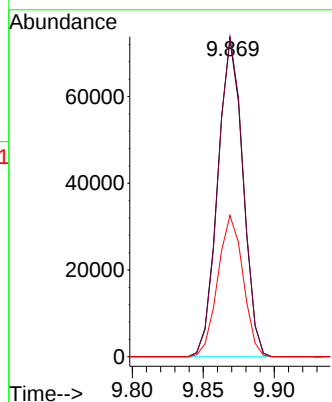
Tgt Ion:164 Resp: 90313

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.0

160 44.6 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.535 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:216 Resp: 124273

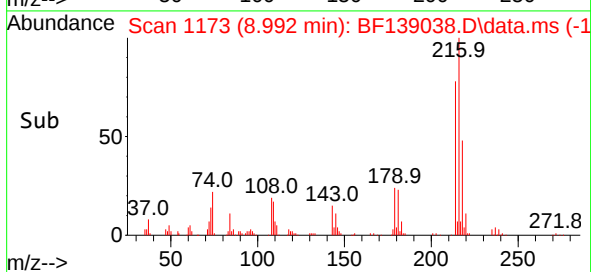
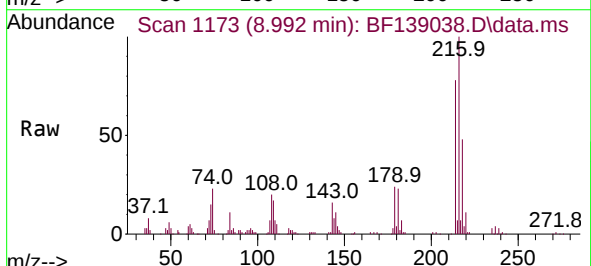
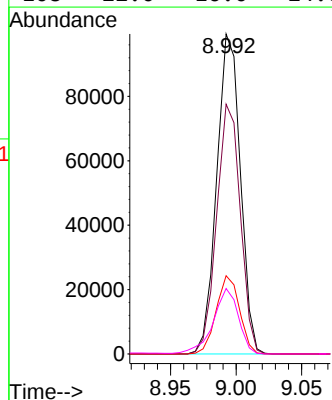
Ion Ratio Lower Upper

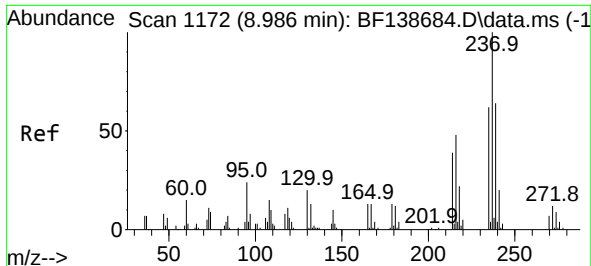
216 100

214 78.1 63.9 95.9

179 24.1 17.8 26.6

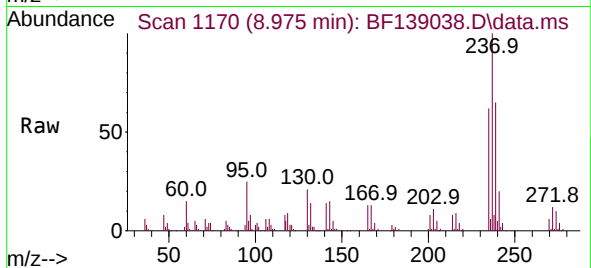
108 22.0 16.0 24.0



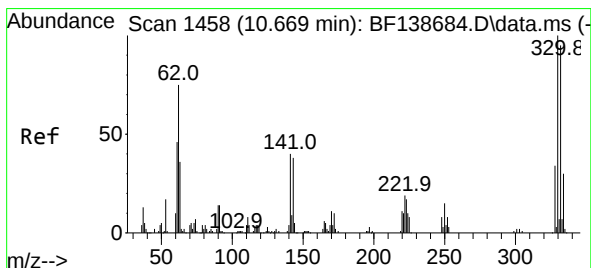
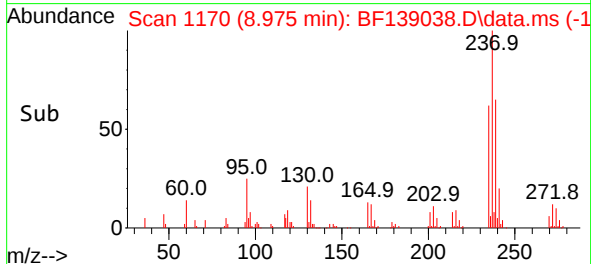
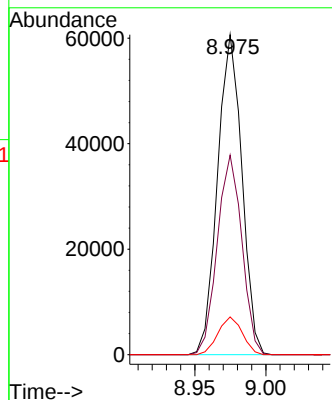


#41
Hexachlorocyclopentadiene
Concen: 106.319 ng
RT: 8.975 min Scan# 1172
Delta R.T. -0.011 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

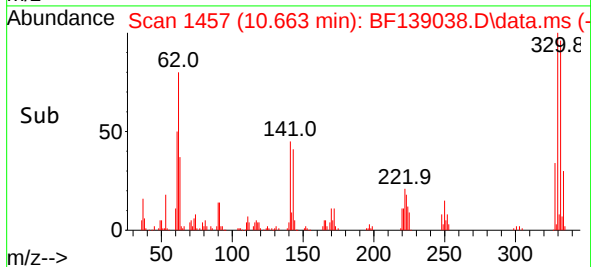
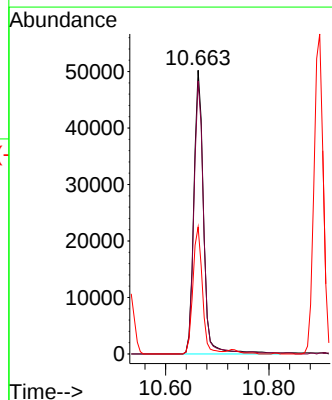
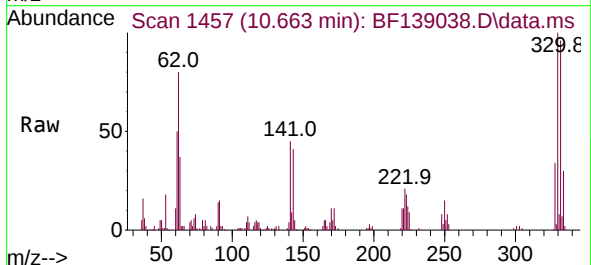


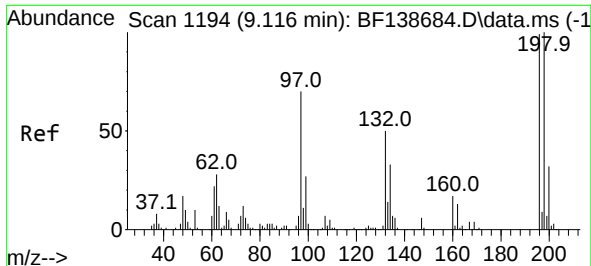
Tgt Ion:	237	Resp:	72267
Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.8	81.8
272	11.8	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 88.975 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:	330	Resp:	65822
Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.4	114.6
141	43.6	31.1	46.7





#43

2,4,6-Trichlorophenol

Concen: 46.530 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

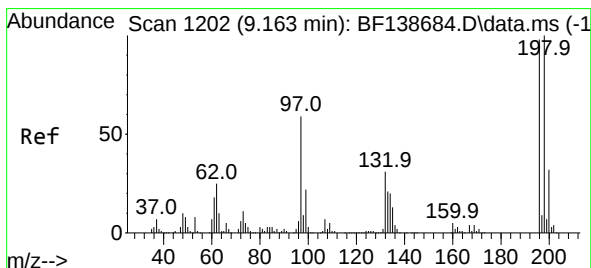
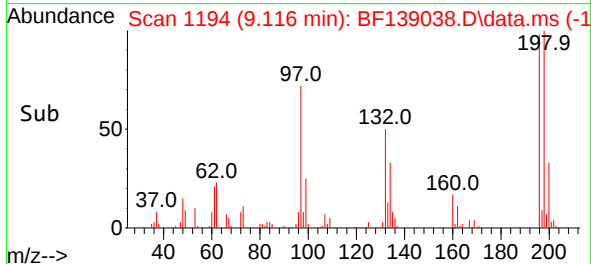
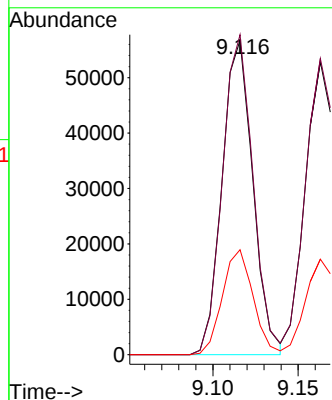
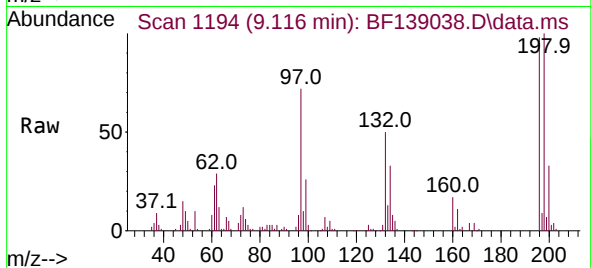
Tgt Ion:196 Resp: 71174

Ion Ratio Lower Upper

196 100

198 101.7 80.5 120.7

200 33.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 46.359 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Tgt Ion:196 Resp: 77522

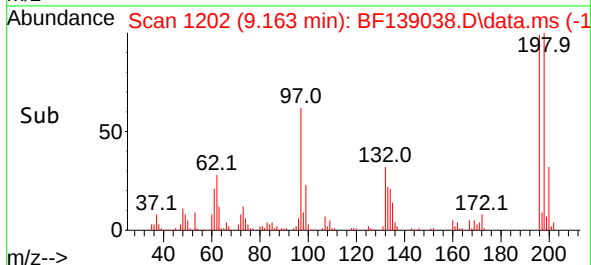
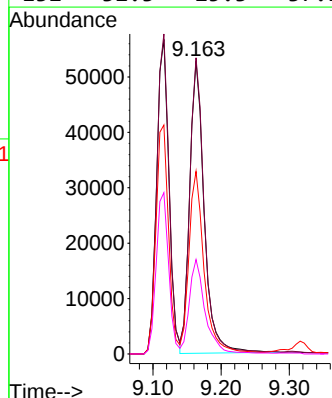
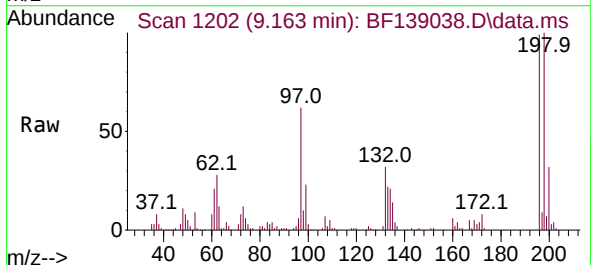
Ion Ratio Lower Upper

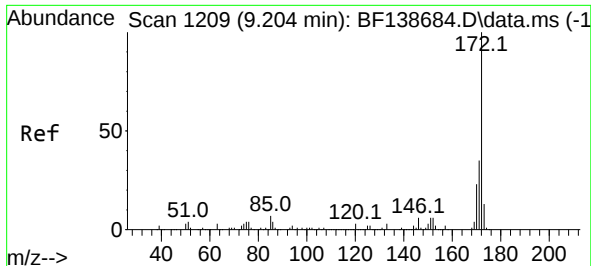
196 100

198 101.2 81.2 121.8

97 62.3 47.8 71.6

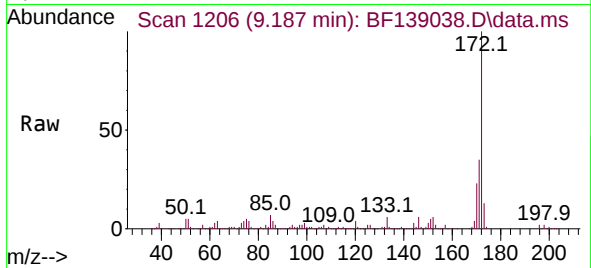
132 32.3 25.3 37.9



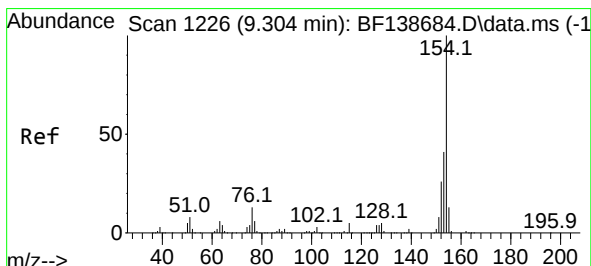
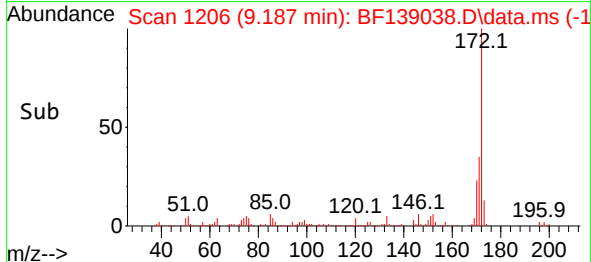
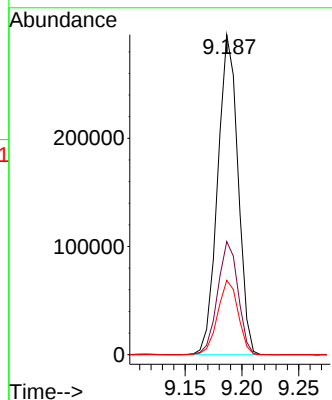


#45
2-Fluorobiphenyl
Concen: 61.239 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

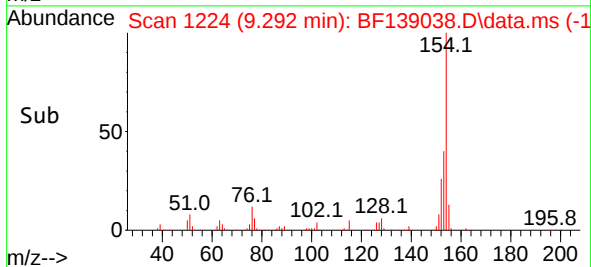
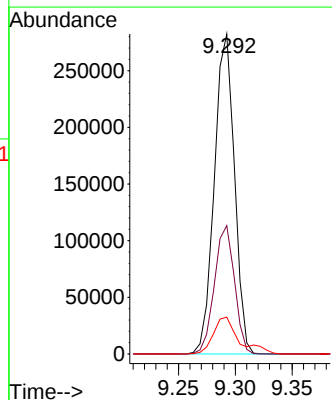
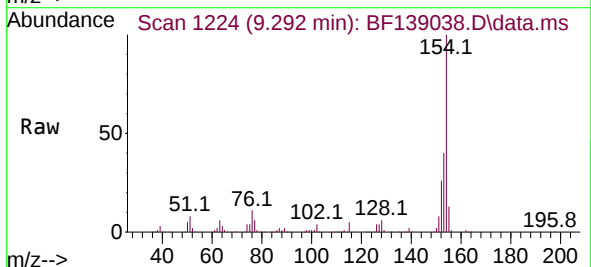


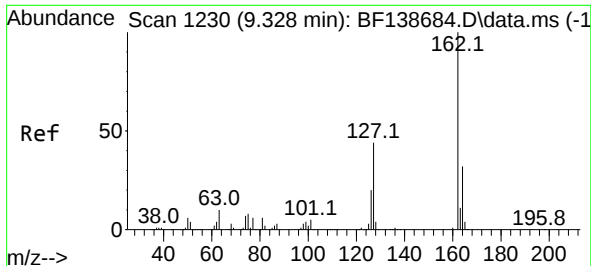
Tgt Ion:172 Resp: 368101
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 18.8 28.2



#46
1,1'-Biphenyl
Concen: 49.138 ng
RT: 9.292 min Scan# 1224
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:154 Resp: 347565
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 11.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 48.077 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

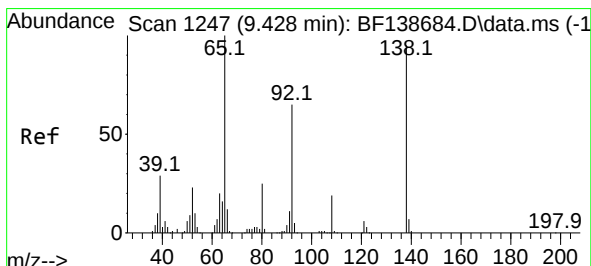
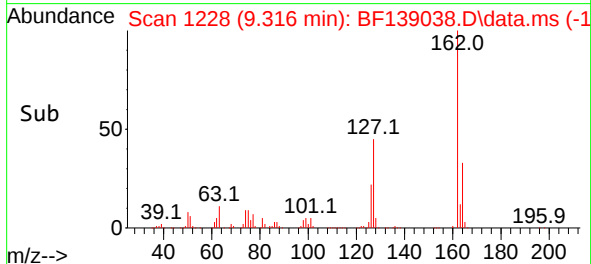
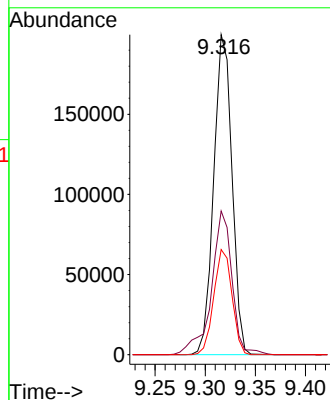
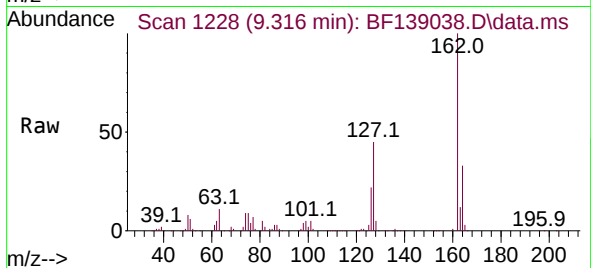
Tgt Ion:162 Resp: 252912

Ion Ratio Lower Upper

162 100

127 44.9 35.4 53.2

164 32.9 25.6 38.4



#48

2-Nitroaniline

Concen: 53.639 ng

RT: 9.422 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

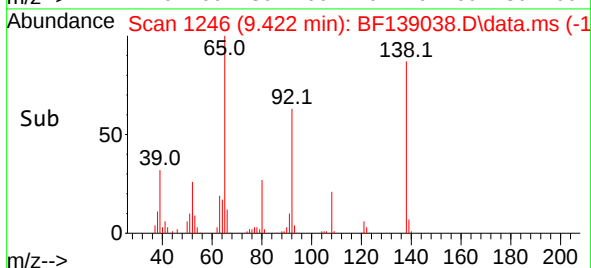
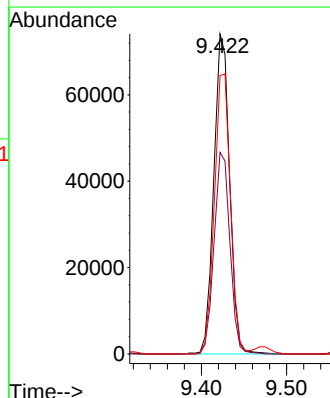
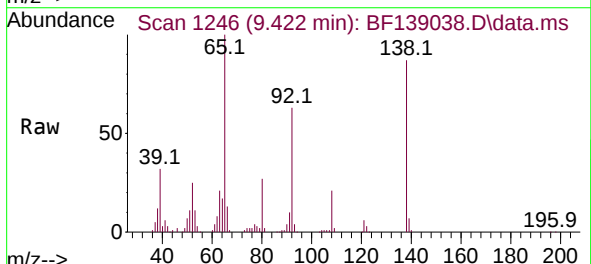
Tgt Ion: 65 Resp: 95659

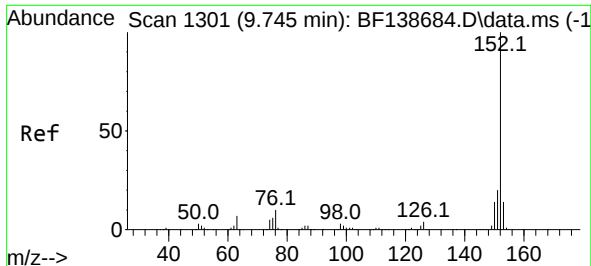
Ion Ratio Lower Upper

65 100

92 63.0 52.0 78.0

138 87.1 76.2 114.4





#49

Acenaphthylene

Concen: 52.012 ng

RT: 9.734 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139038.D

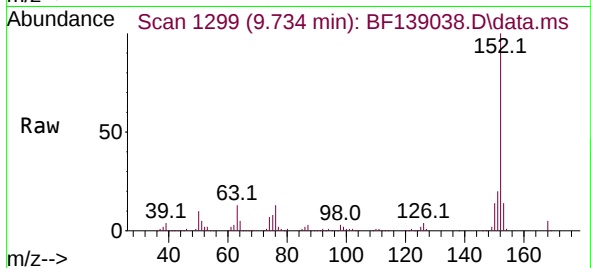
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS



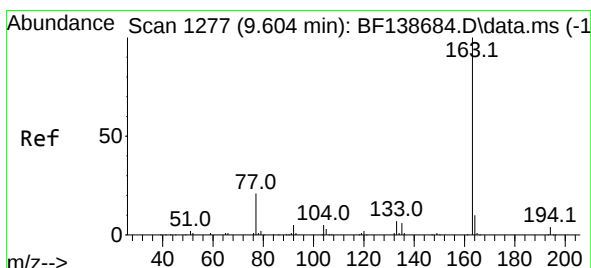
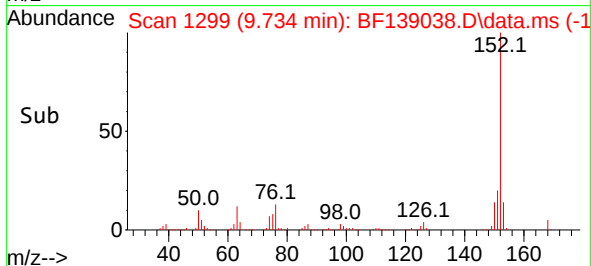
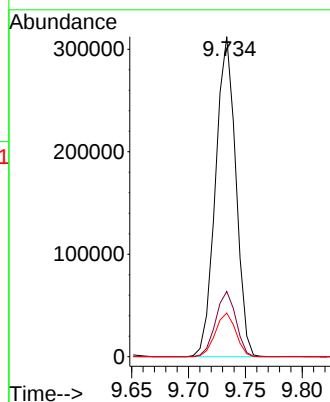
Tgt Ion:152 Resp: 388065

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.7 11.0 16.4



#50

Dimethylphthalate

Concen: 52.460 ng

RT: 9.592 min Scan# 1275

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

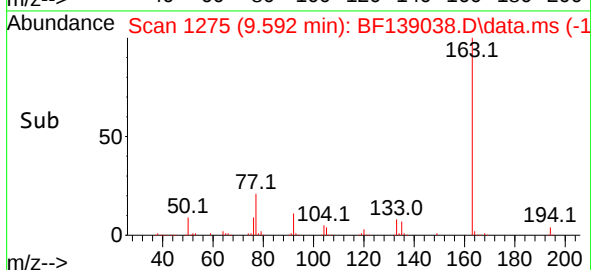
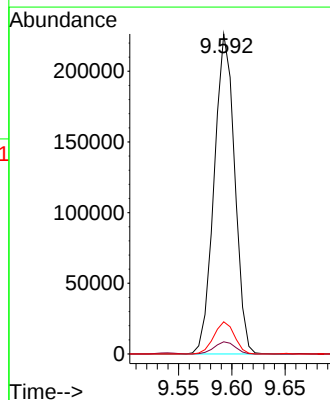
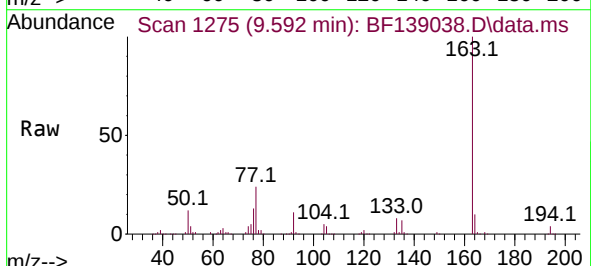
Tgt Ion:163 Resp: 302944

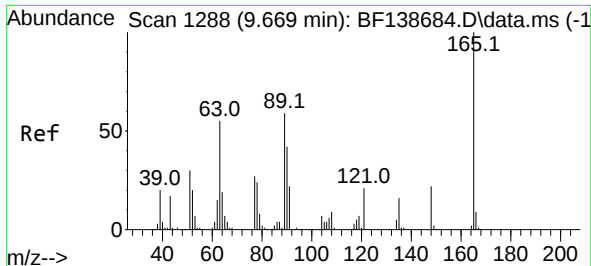
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 50.383 ng

RT: 9.663 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

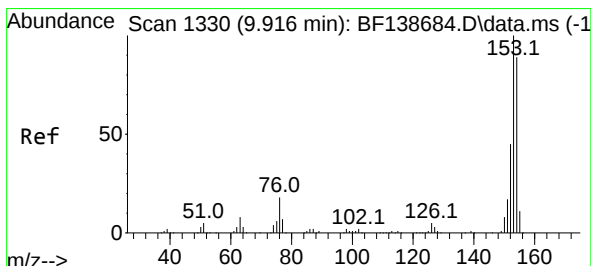
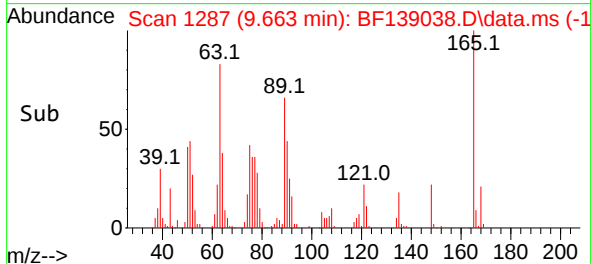
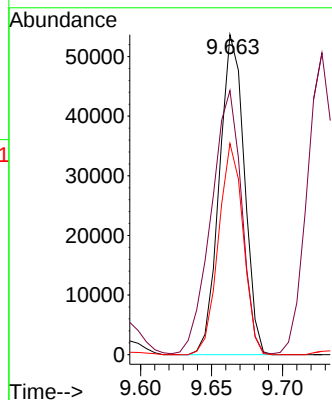
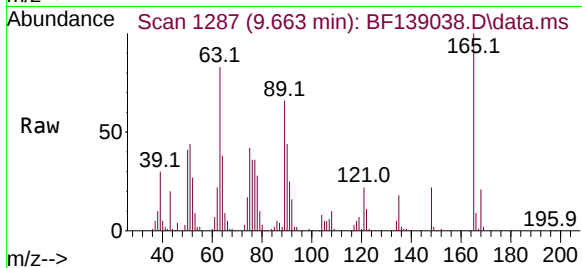
Tgt Ion:165 Resp: 65661

Ion Ratio Lower Upper

165 100

63 82.6 52.0 78.0#

89 66.0 47.0 70.6



#52

Acenaphthene

Concen: 49.645 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

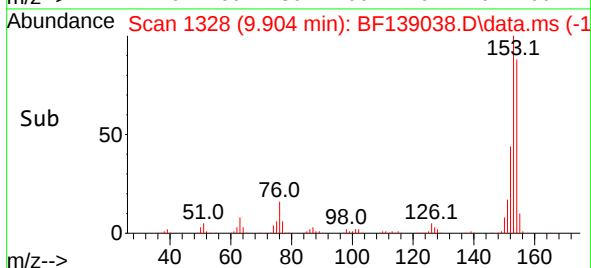
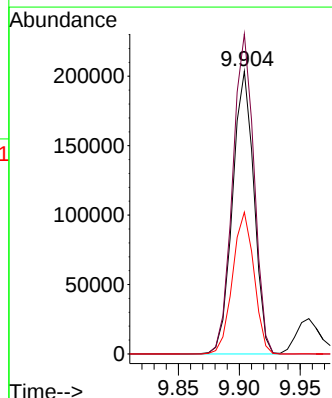
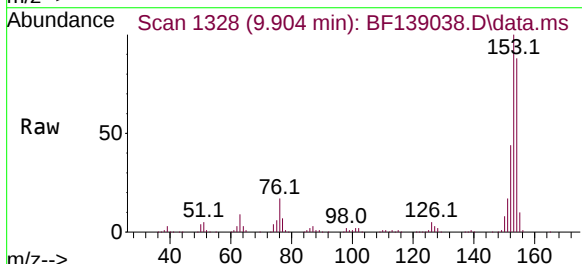
Tgt Ion:154 Resp: 248990

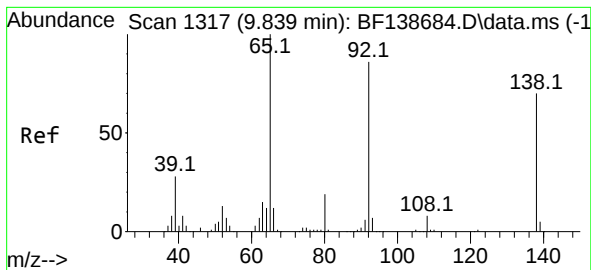
Ion Ratio Lower Upper

154 100

153 113.2 89.9 134.9

152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 36.381 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

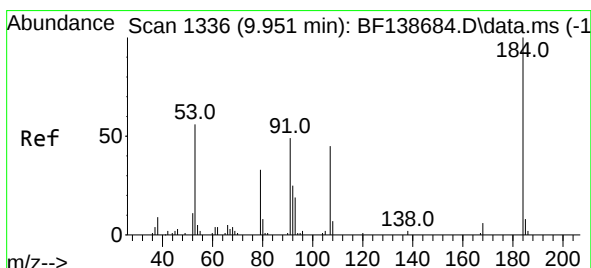
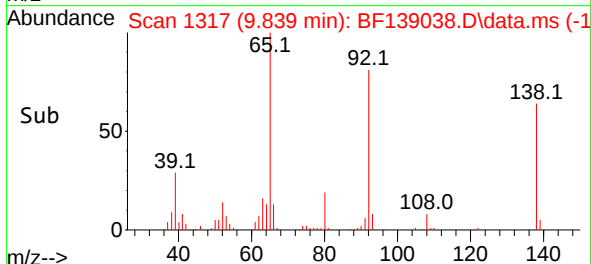
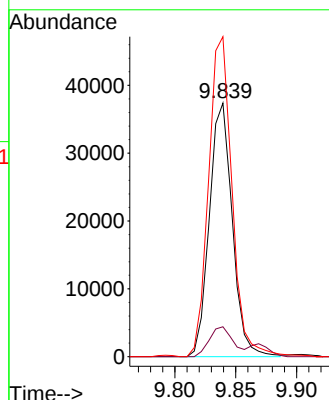
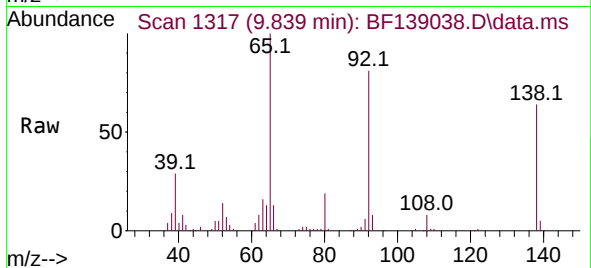
Tgt Ion:138 Resp: 49015

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 126.2 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 87.122 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

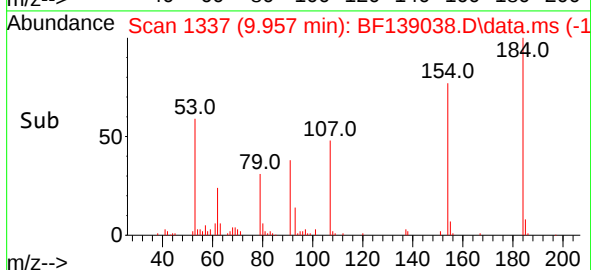
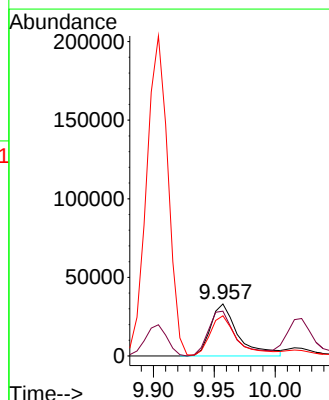
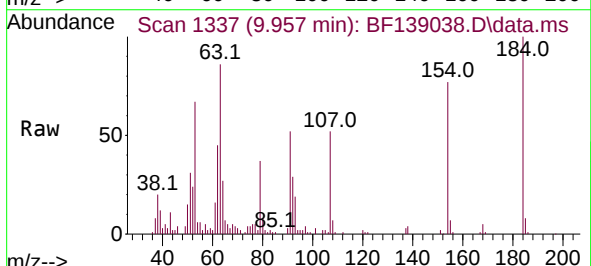
Tgt Ion:184 Resp: 52267

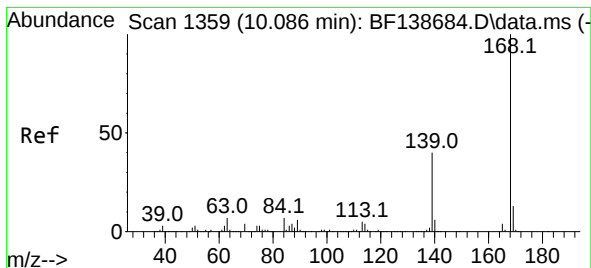
Ion Ratio Lower Upper

184 100

63 86.2 57.5 86.3

154 77.2 51.7 77.5





#55

Dibenzofuran

Concen: 50.749 ng

RT: 10.075 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

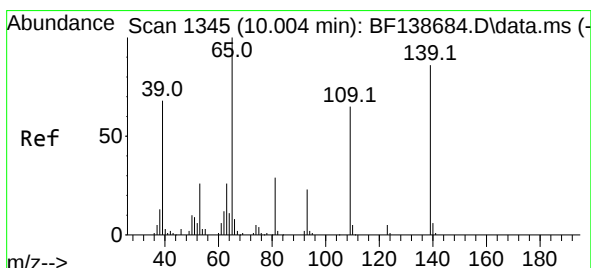
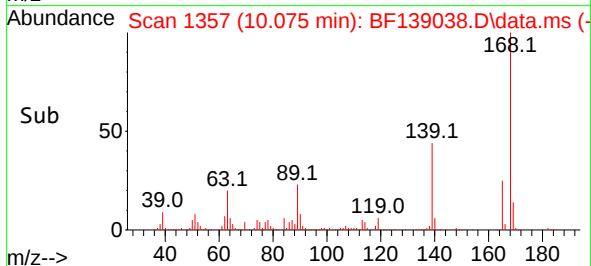
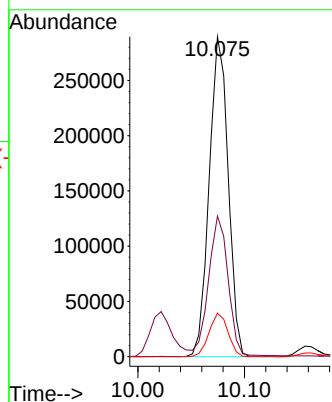
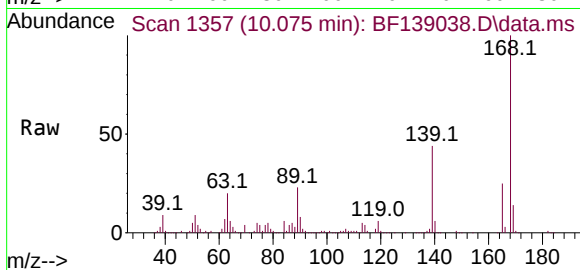
Tgt Ion:168 Resp: 359295

Ion Ratio Lower Upper

168 100

139 43.9 32.6 49.0

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 74.345 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

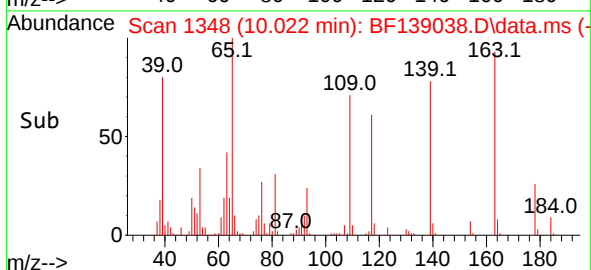
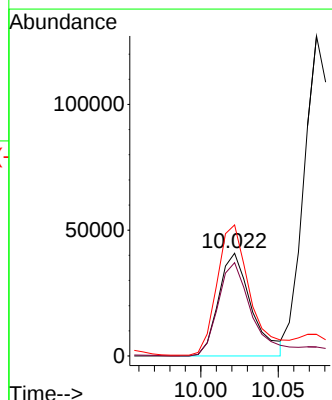
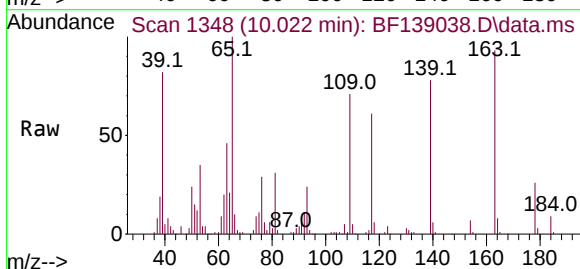
Tgt Ion:139 Resp: 60233

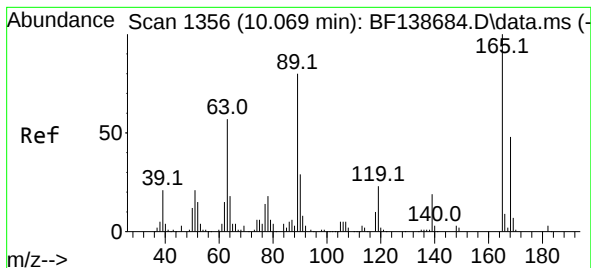
Ion Ratio Lower Upper

139 100

109 90.8 55.5 95.5

65 127.4 96.7 136.7

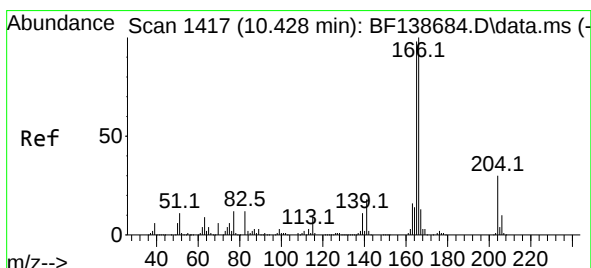
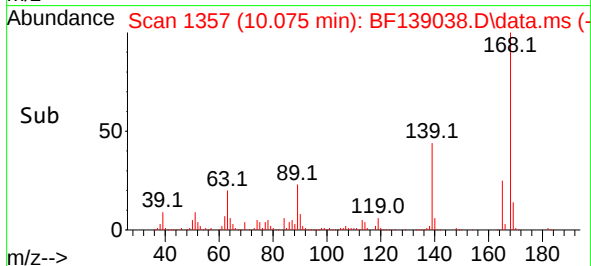
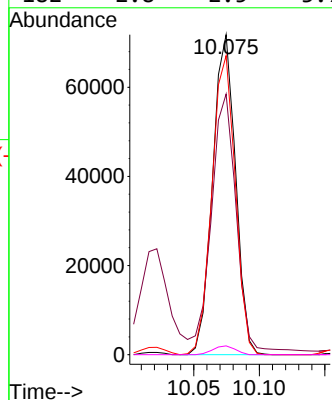
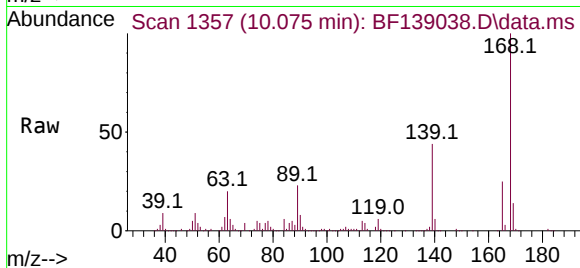




#57
2,4-Dinitrotoluene
Concen: 52.491 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

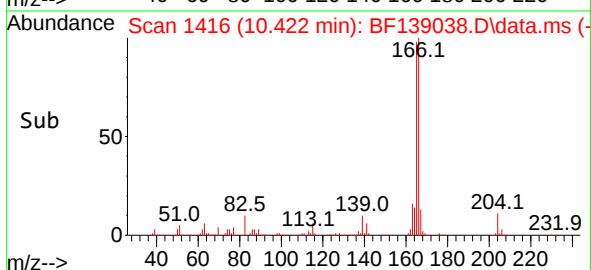
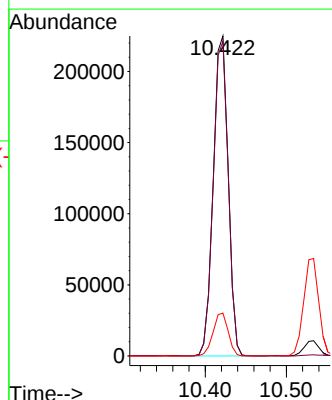
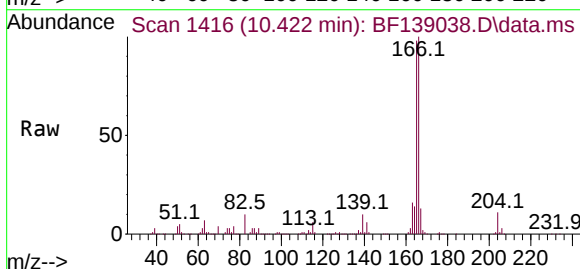
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

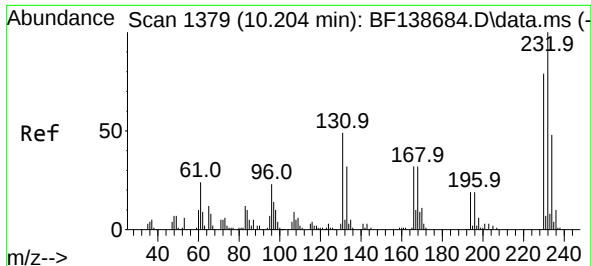
Tgt Ion:	165	Resp:	87279
Ion	Ratio	Lower	Upper
165	100		
63	81.4	46.3	69.5#
89	93.4	64.2	96.4
182	2.8	2.5	3.7



#58
Fluorene
Concen: 51.134 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:	166	Resp:	288288
Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.4	10.6	16.0

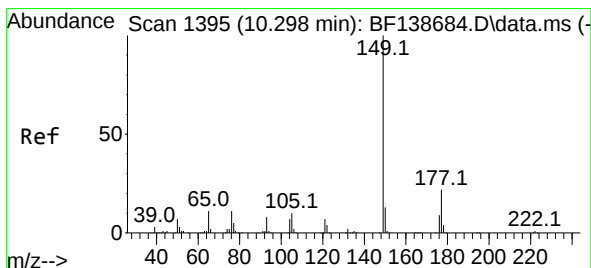
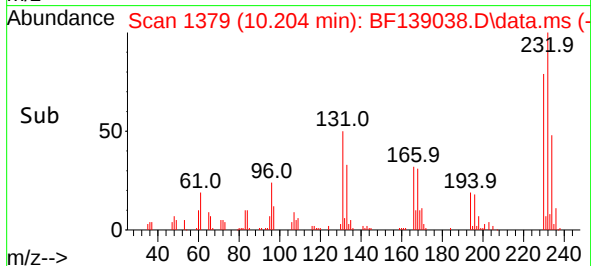
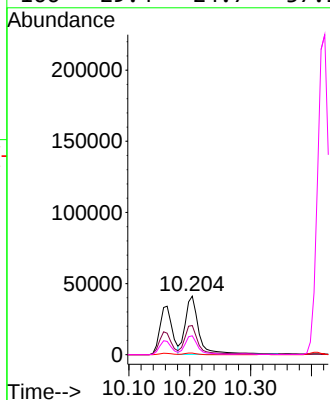
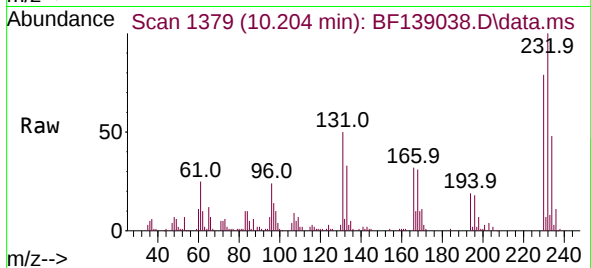




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.913 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

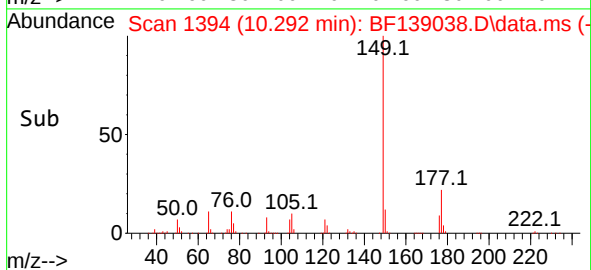
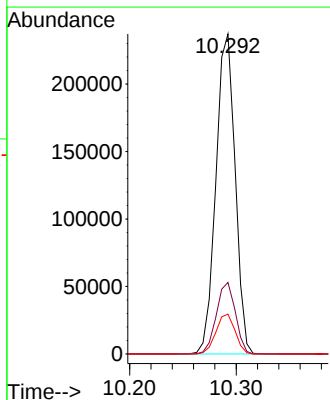
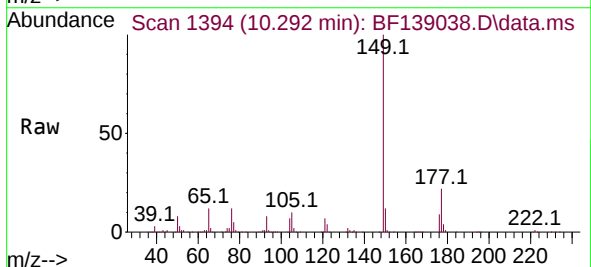
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

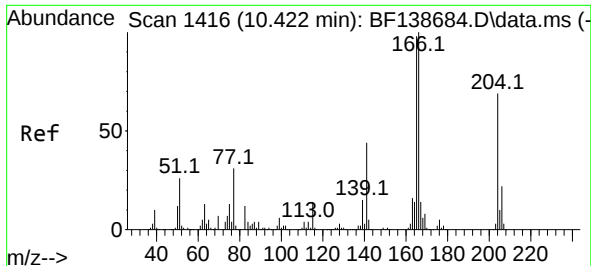
Tgt Ion:	232	Resp:	62532
Ion Ratio	Lower	Upper	
232	100		
131	50.2	37.0	55.4
130	2.6	2.0	3.0
166	29.4	24.7	37.1



#60
Diethylphthalate
Concen: 54.144 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:	149	Resp:	296462
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.8	26.8
150	12.5	10.1	15.1

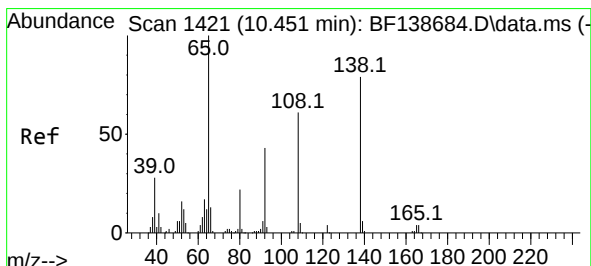
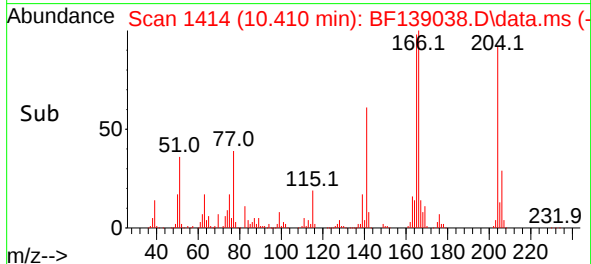
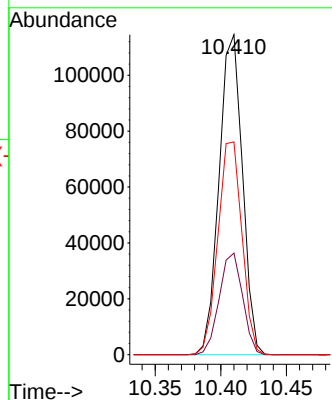
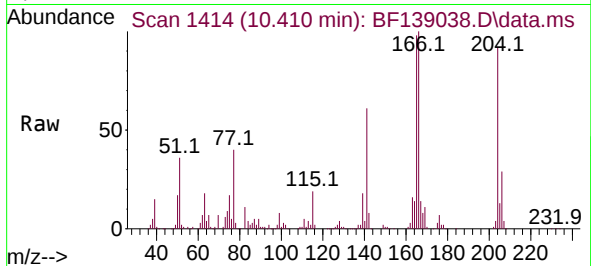




#61
4-Chlorophenyl-phenylether
Concen: 51.176 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

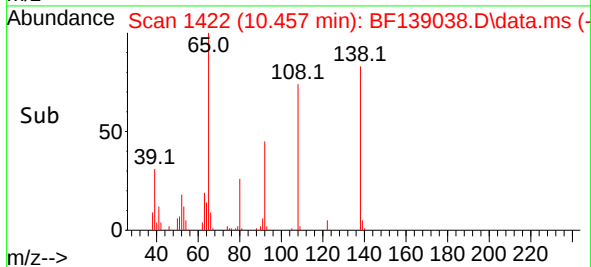
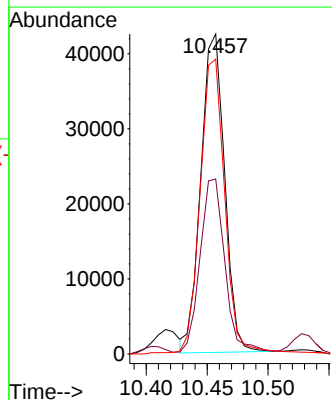
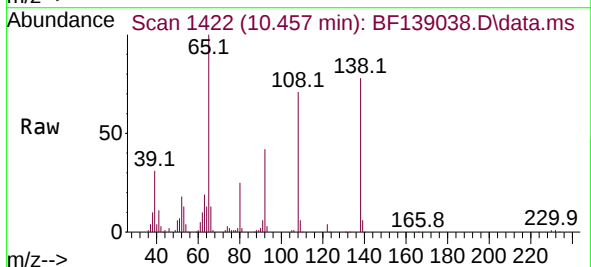
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

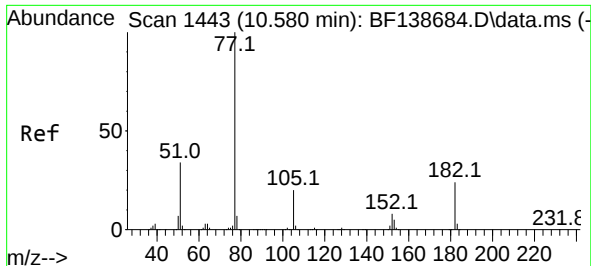
Tgt Ion:204 Resp: 141903
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 66.5 51.4 77.0



#62
4-Nitroaniline
Concen: 44.988 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:138 Resp: 57599
Ion Ratio Lower Upper
138 100
92 54.6 34.2 74.2
108 92.1 56.2 96.2

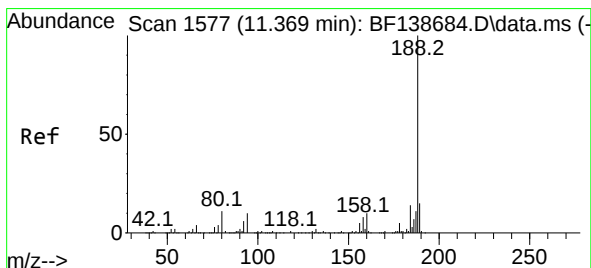
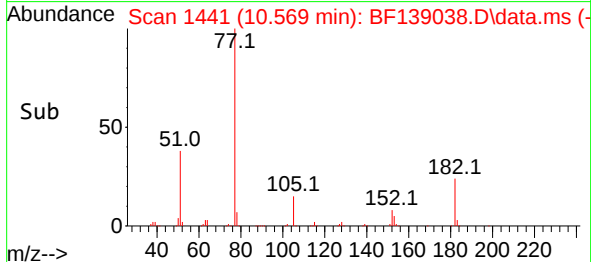
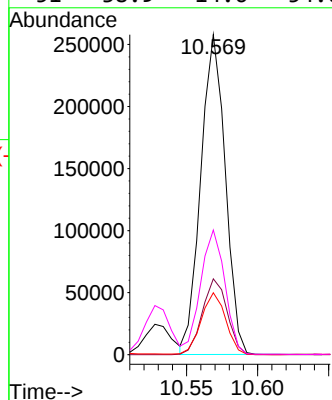
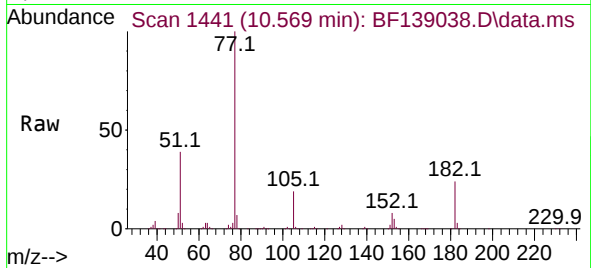




#63
Azobenzene
Concen: 51.033 ng
RT: 10.569 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

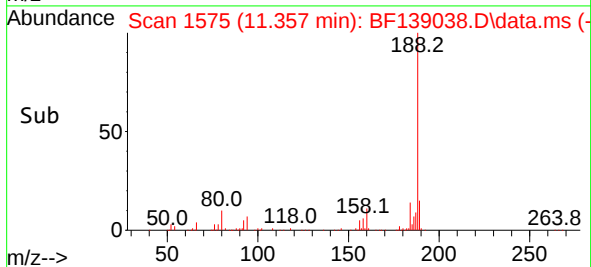
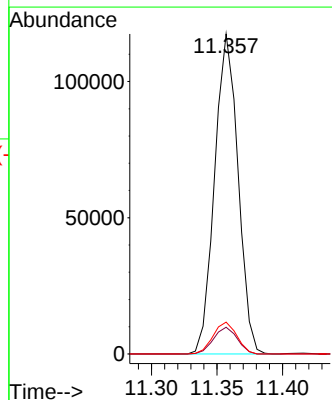
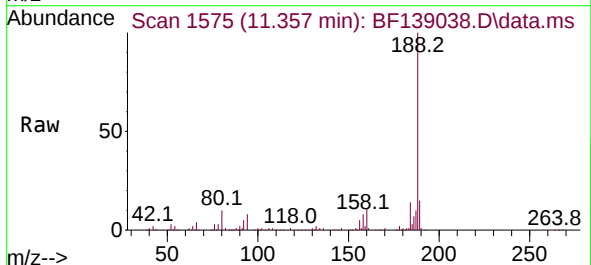
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

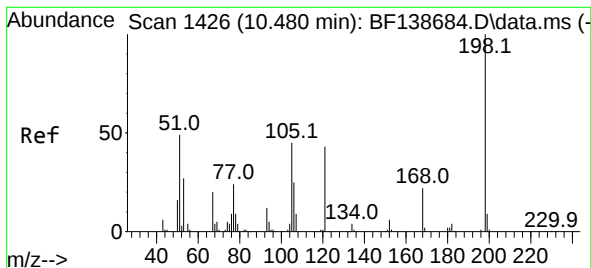
Tgt Ion: 77	Resp: 309915
Ion Ratio	Lower Upper
77 100	
182 23.7	3.4 43.4
105 19.3	0.2 40.2
51 38.9	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt	Ion:188	Resp:	145618
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.6	11.4
80	9.9	8.6	12.8

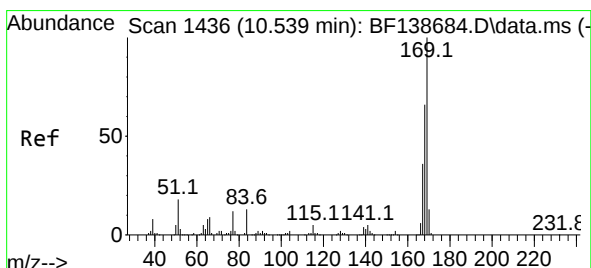
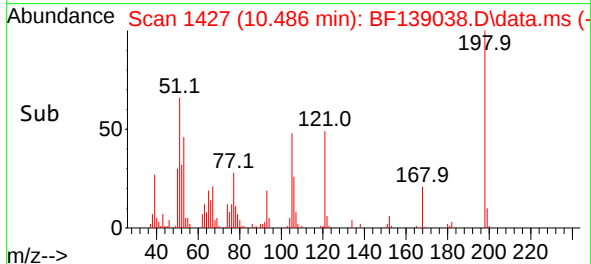
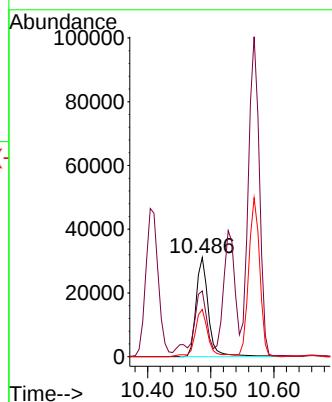
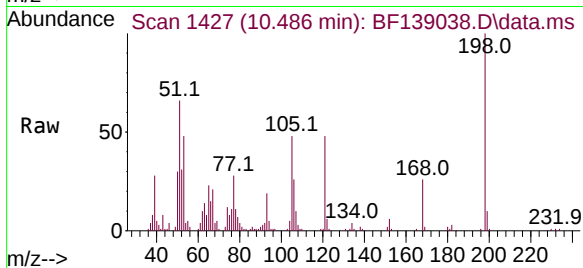




#65
4,6-Dinitro-2-methylphenol
Concen: 47.422 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

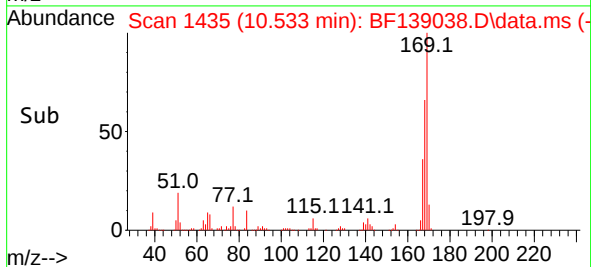
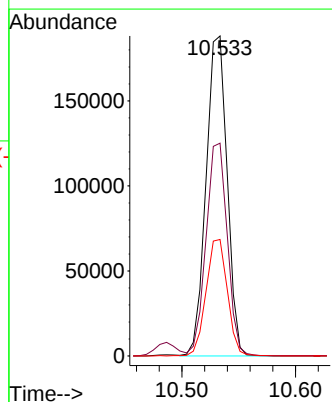
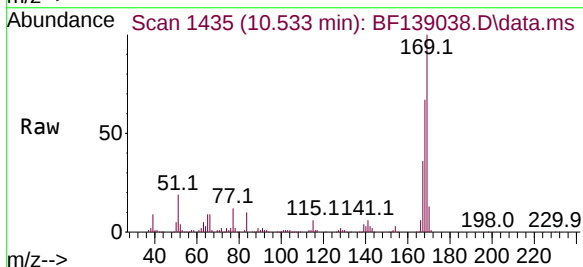
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

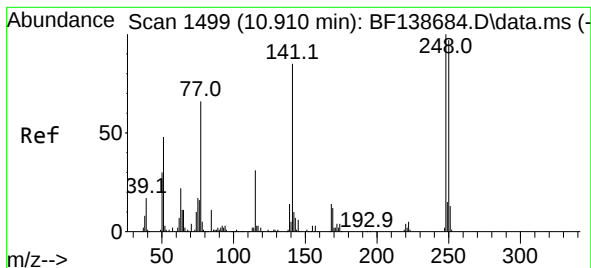
Tgt Ion:198 Resp: 42129
Ion Ratio Lower Upper
198 100
51 66.3 39.9 79.9
105 47.6 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 53.199 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

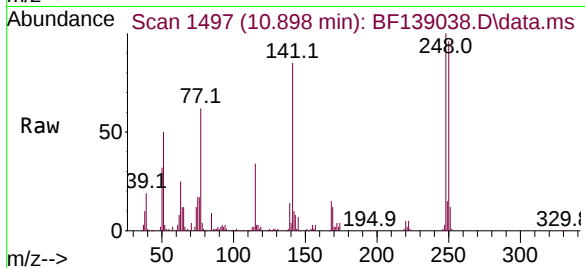
Tgt Ion:169 Resp: 242146
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.6
167 36.4 29.0 43.6



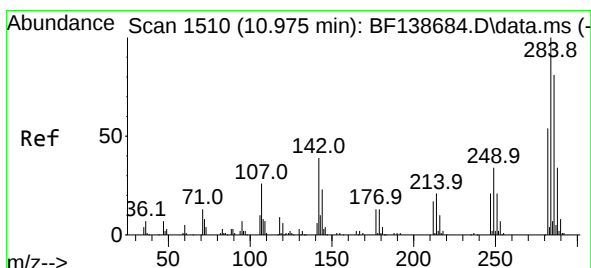
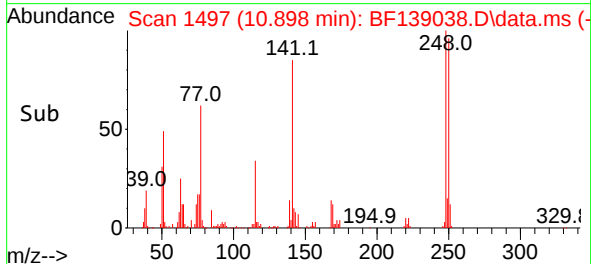
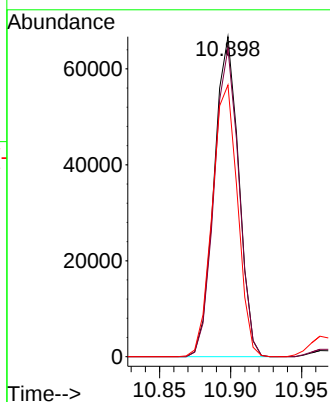


#67
4-Bromophenyl-phenylether
Concen: 50.867 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

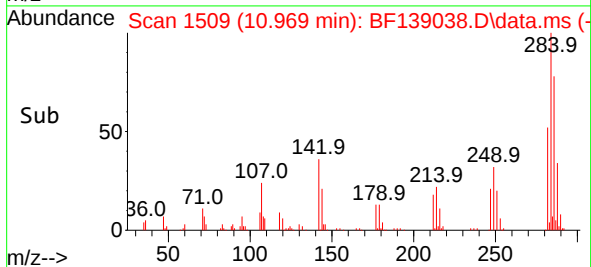
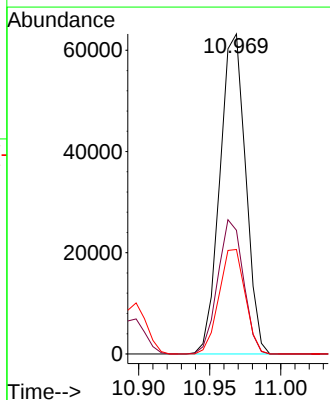
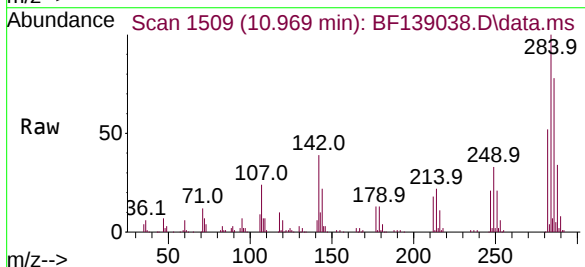


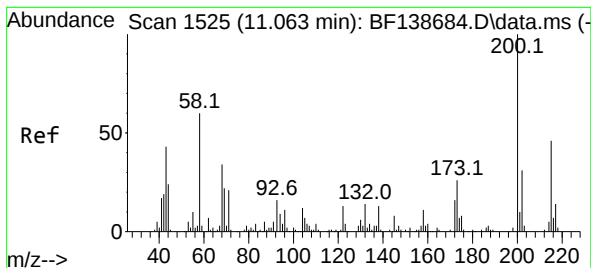
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.7	116.5
141	84.9	68.0	102.0



#68
Hexachlorobenzene
Concen: 49.035 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	31.3	46.9
249	32.7	27.2	40.8





#69

Atrazine

Concen: 68.078 ng

RT: 11.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

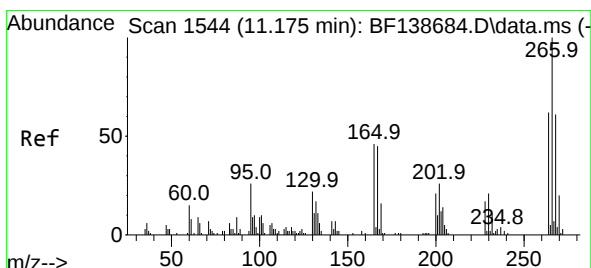
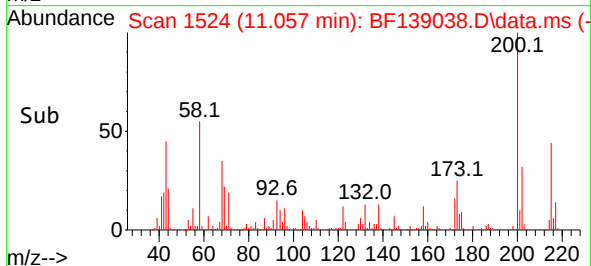
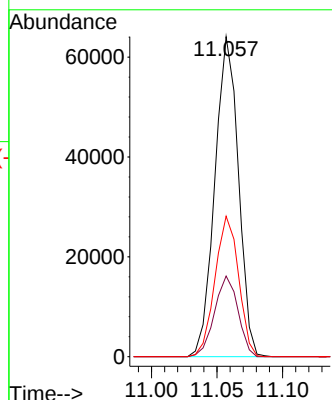
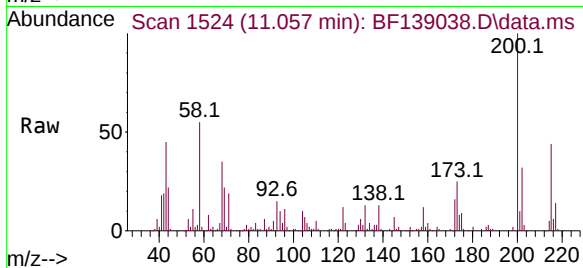
Tgt Ion:200 Resp: 79947

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 43.9 26.1 66.1



#70

Pentachlorophenol

Concen: 61.361 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

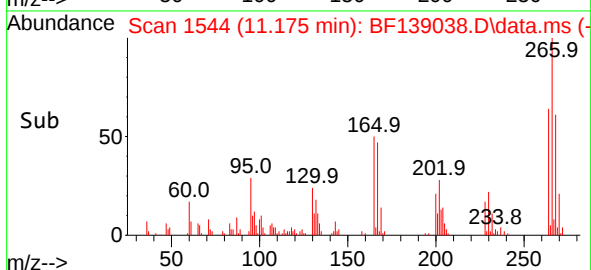
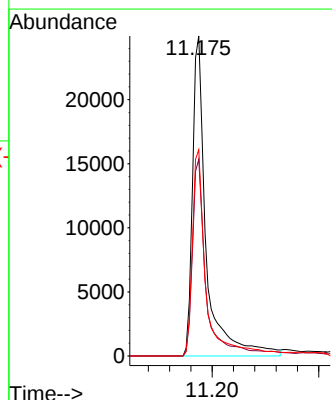
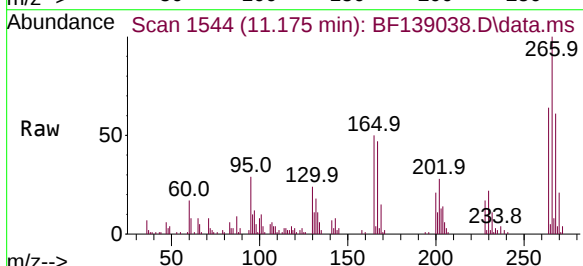
Tgt Ion:266 Resp: 45023

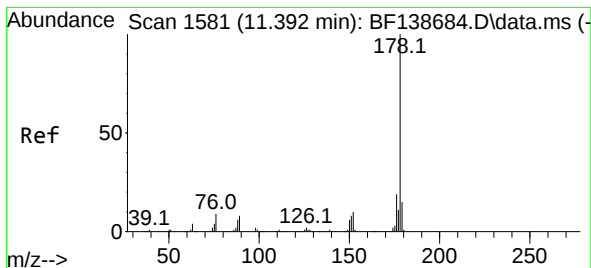
Ion Ratio Lower Upper

266 100

268 61.4 49.2 73.8

264 64.5 49.8 74.6





#71

Phenanthrene

Concen: 51.464 ng

RT: 11.380 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

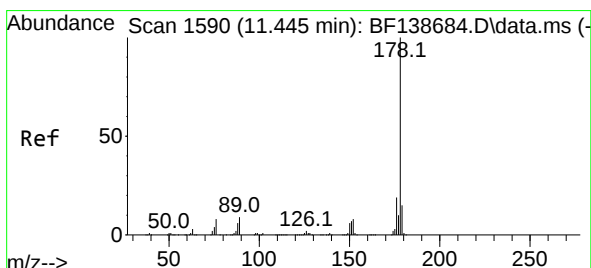
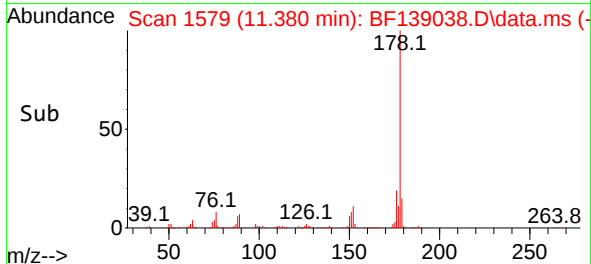
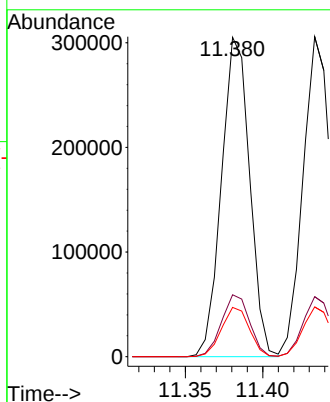
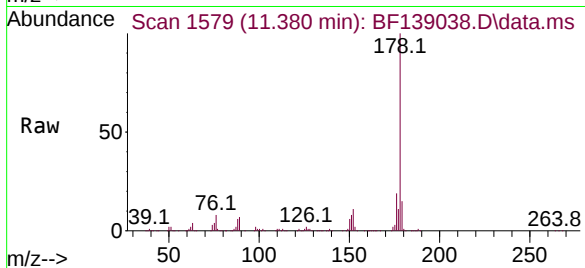
Tgt Ion:178 Resp: 385884

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.4 12.2 18.2



#72

Anthracene

Concen: 51.794 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

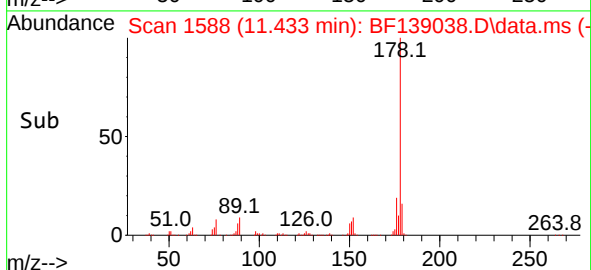
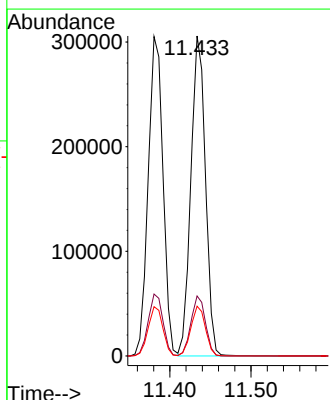
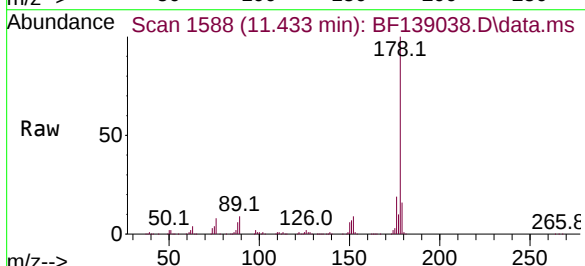
Tgt Ion:178 Resp: 382585

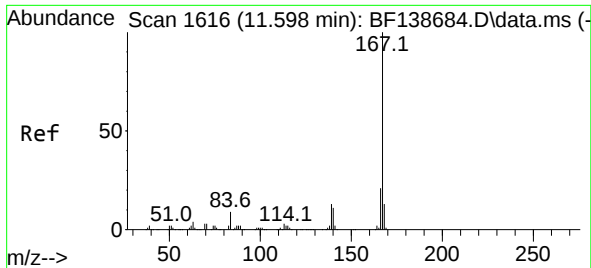
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 12.4 18.6

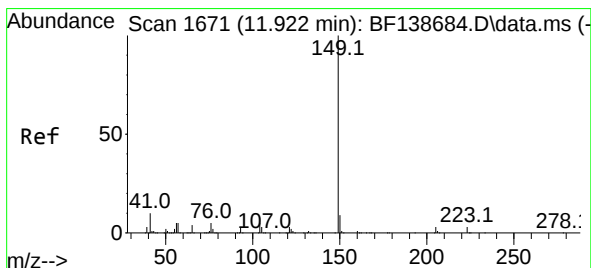
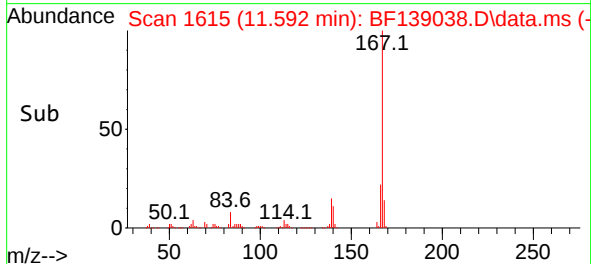
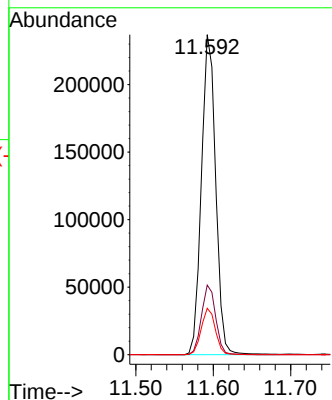
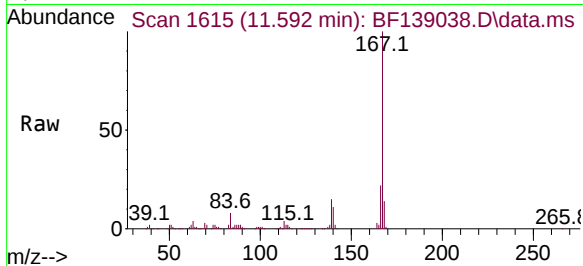




#73
 Carbazole
 Concen: 47.517 ng
 RT: 11.592 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

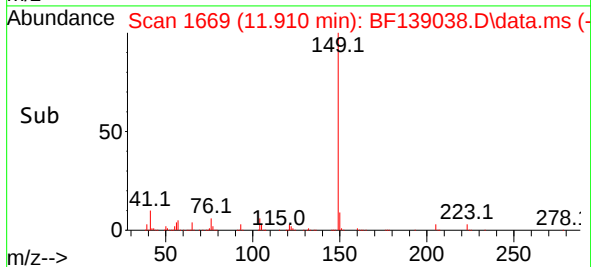
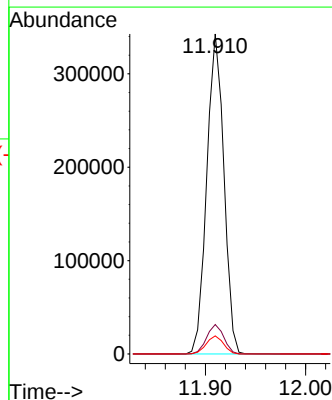
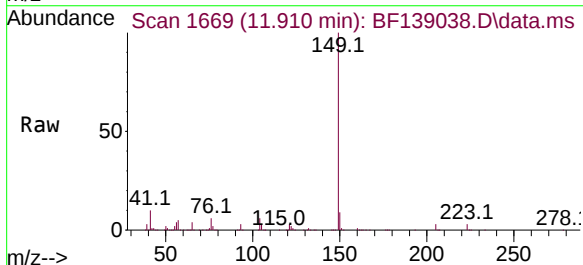
Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924MS

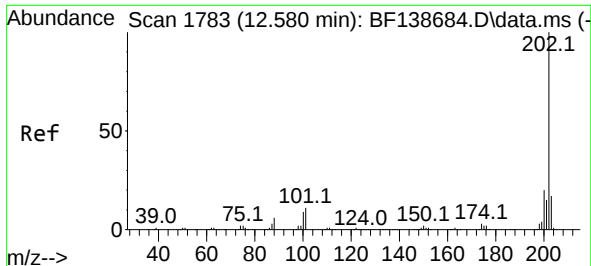
Tgt Ion:167 Resp: 302821
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 14.5 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 56.905 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.012 min
 Lab File: BF139038.D
 Acq: 15 Aug 2024 23:17

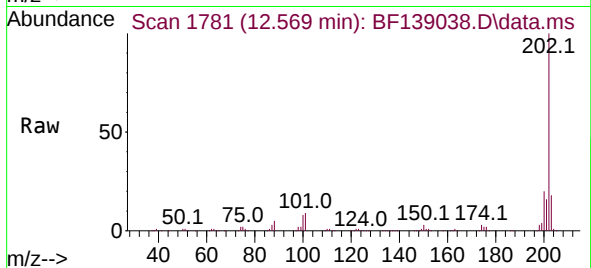
Tgt Ion:149 Resp: 407674
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.6 4.1 6.1



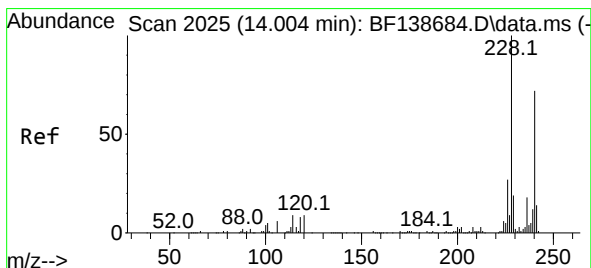
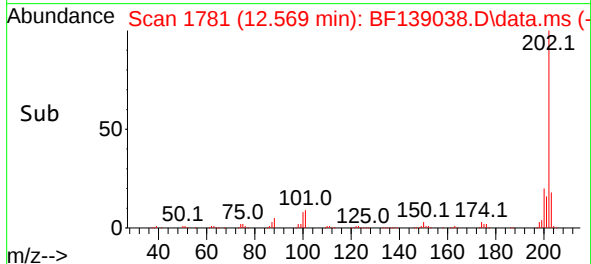
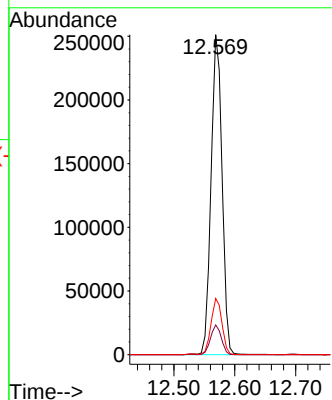


#75
Fluoranthene
Concen: 45.105 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

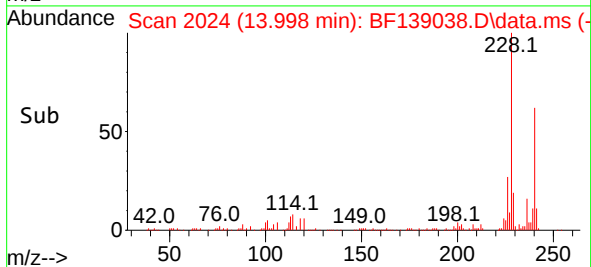
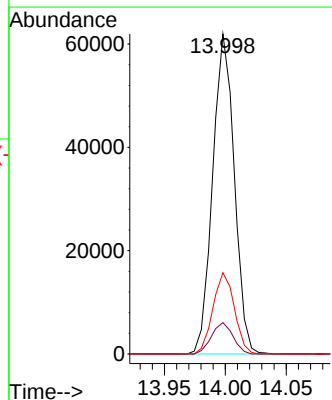
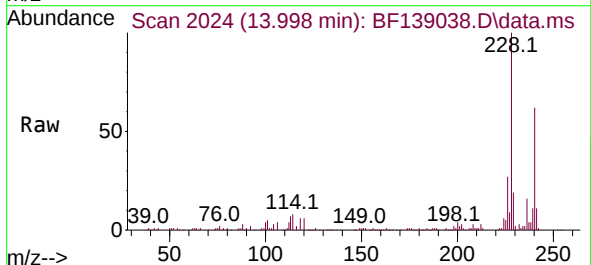


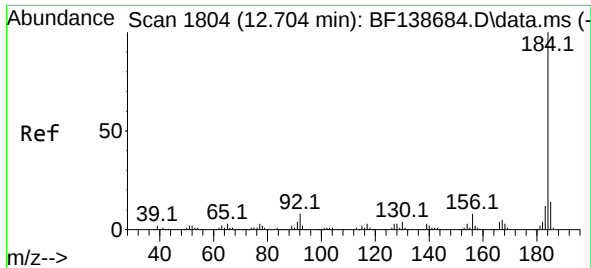
Tgt Ion:202 Resp: 315733
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.2
203 17.6 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:240 Resp: 76395
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.4 19.8 29.8

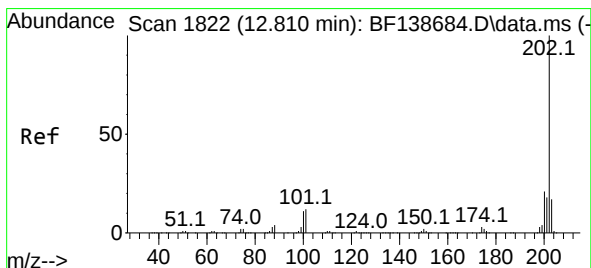
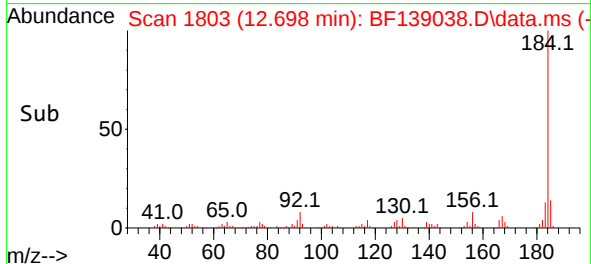
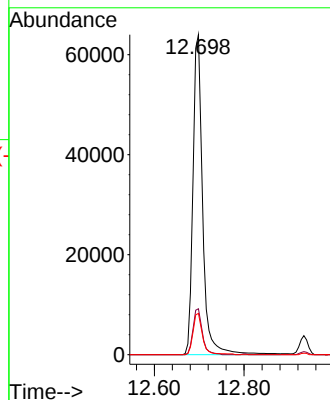
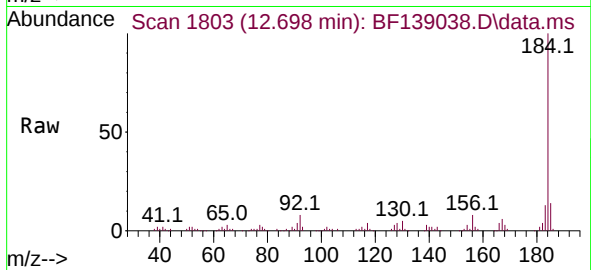




#77
Benzidine
Concen: 52.730 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

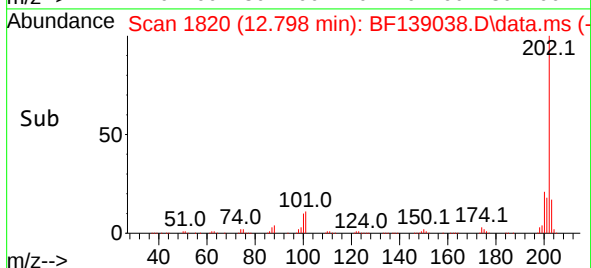
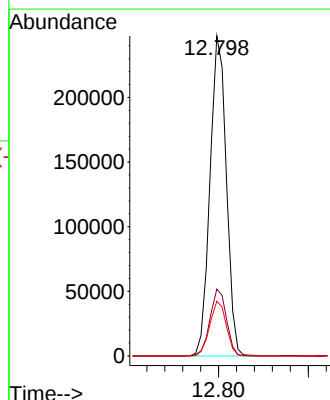
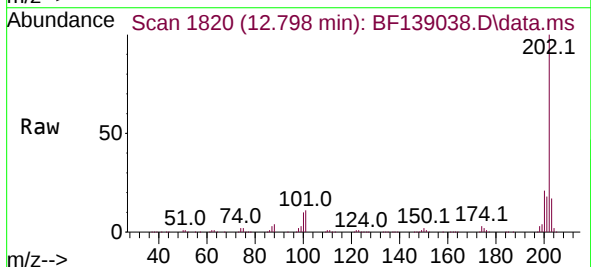
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

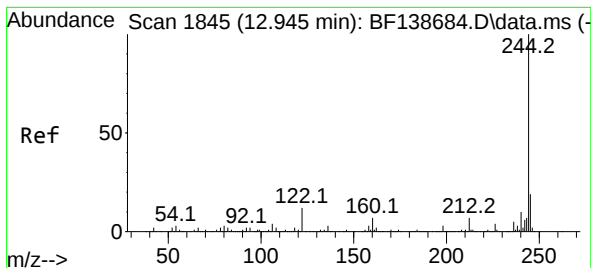
Tgt Ion:184 Resp: 96350
Ion Ratio Lower Upper
184 100
185 14.4 11.1 16.7
183 12.9 9.6 14.4



#78
Pyrene
Concen: 43.529 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:202 Resp: 313098
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 61.416 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139038.D

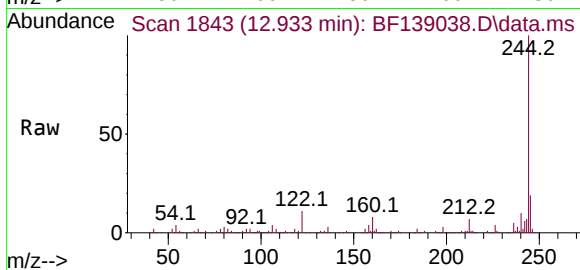
Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS



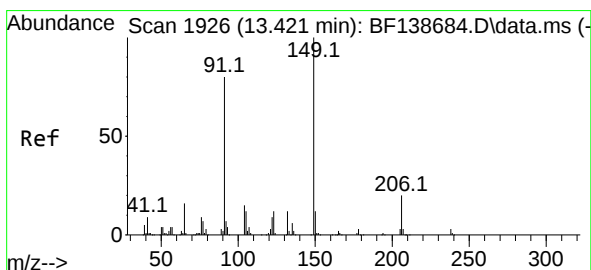
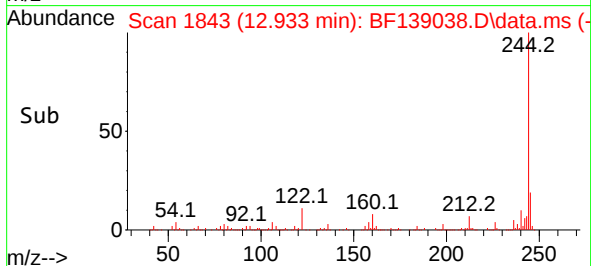
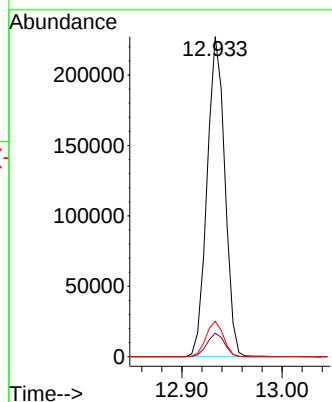
Tgt Ion:244 Resp: 280234

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.2

122 11.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 55.283 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

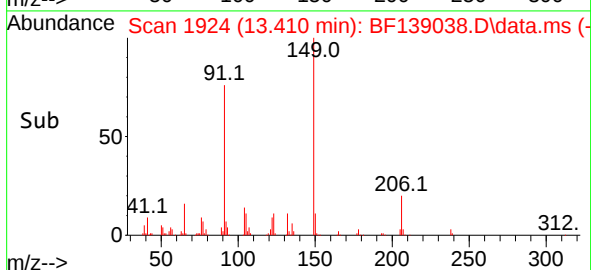
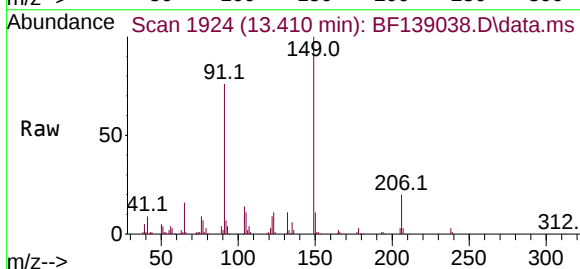
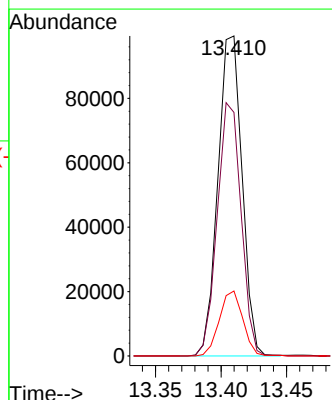
Tgt Ion:149 Resp: 127336

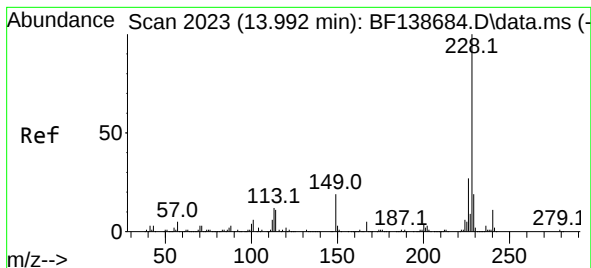
Ion Ratio Lower Upper

149 100

91 76.1 63.7 95.5

206 20.3 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.765 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

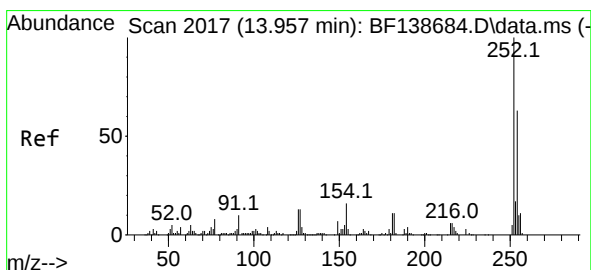
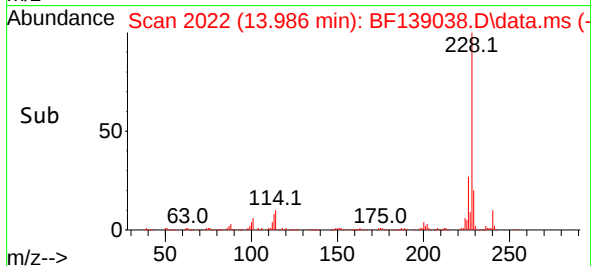
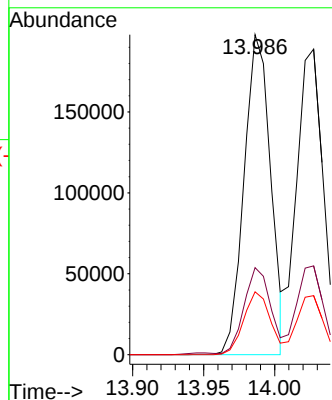
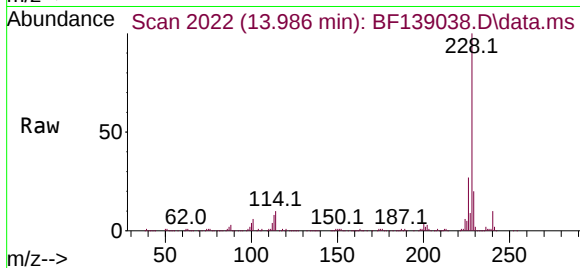
Tgt Ion:228 Resp: 256541

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.6 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 49.048 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

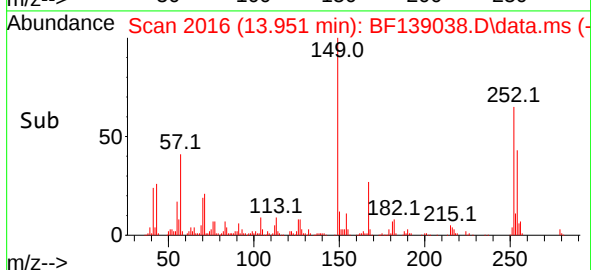
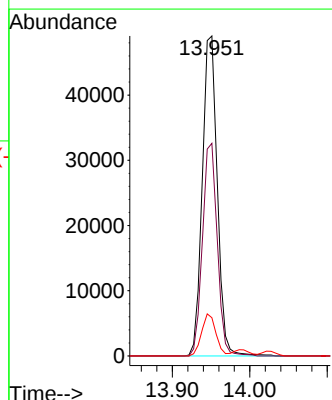
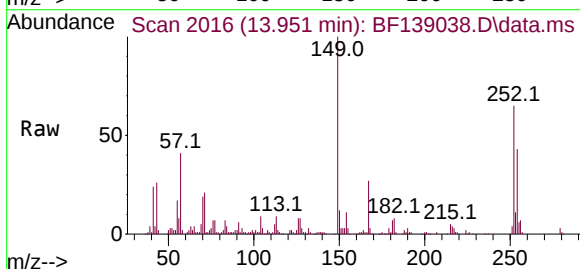
Tgt Ion:252 Resp: 66030

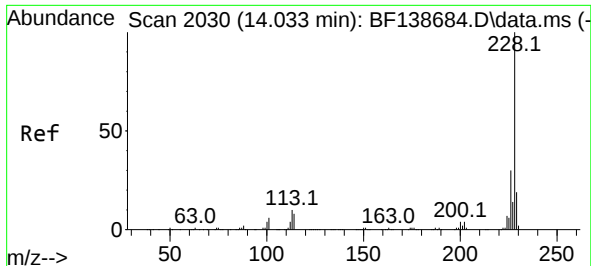
Ion Ratio Lower Upper

252 100

254 66.4 50.8 76.2

126 12.0 10.2 15.2

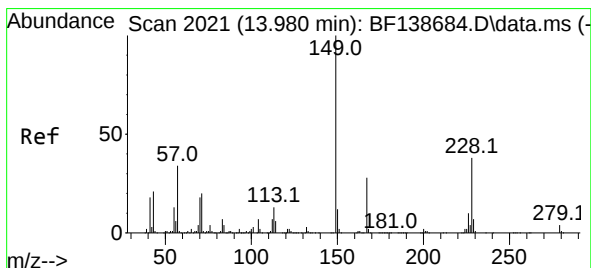
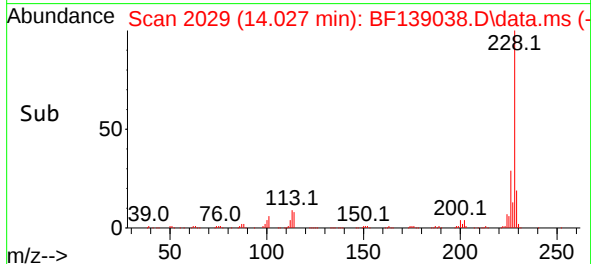
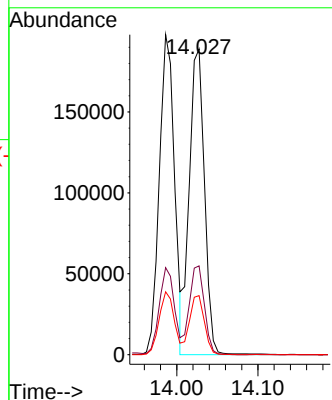
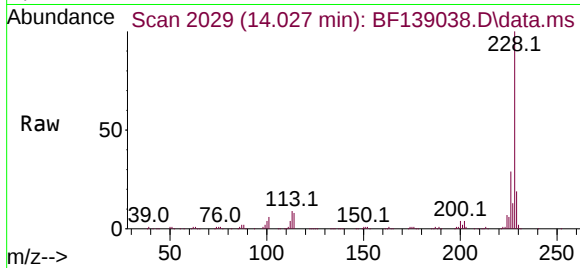




#83
Chrysene
Concen: 51.887 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

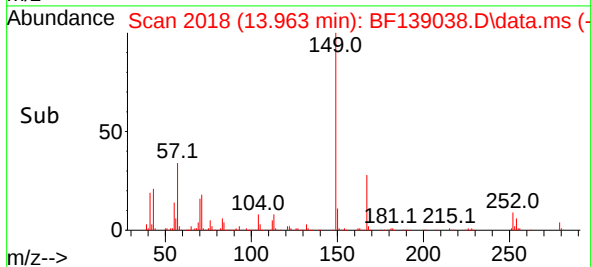
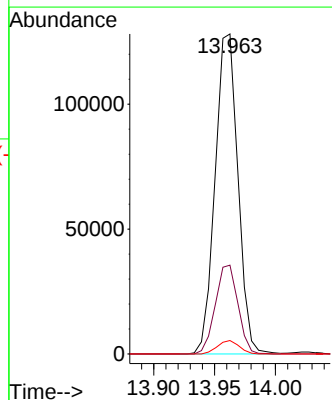
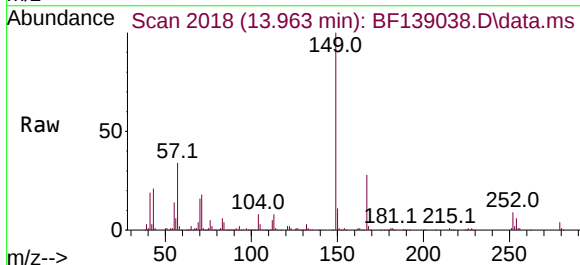
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

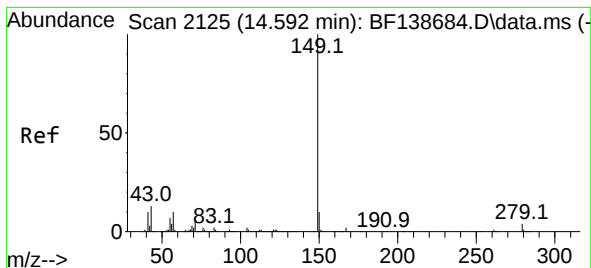
Tgt Ion:228 Resp: 246263
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 19.3 15.0 22.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.643 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:149 Resp: 167438
Ion Ratio Lower Upper
149 100
167 27.7 22.2 33.4
279 4.2 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 47.217 ng

RT: 14.569 min Scan# 2121

Delta R.T. -0.023 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

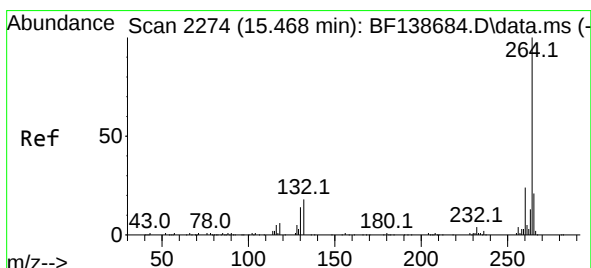
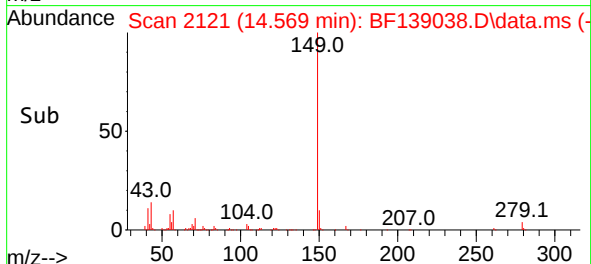
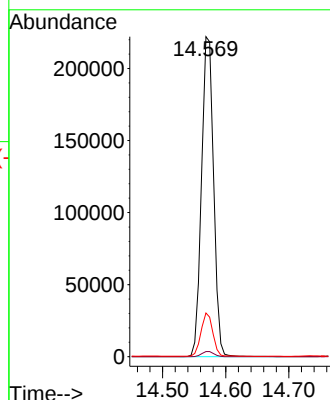
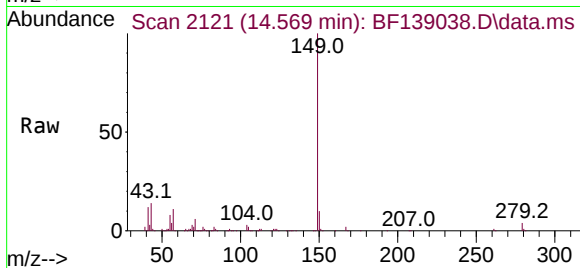
Tgt Ion:149 Resp: 294649

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.3 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

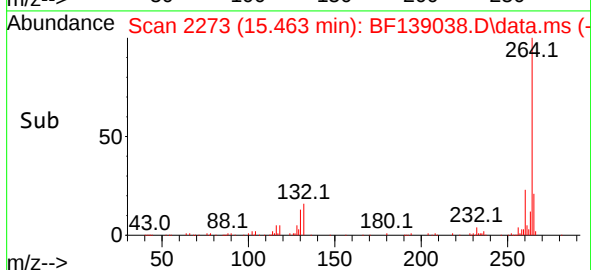
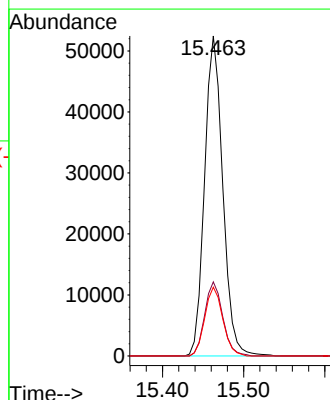
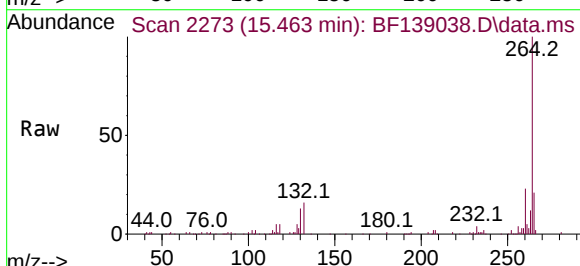
Tgt Ion:264 Resp: 81462

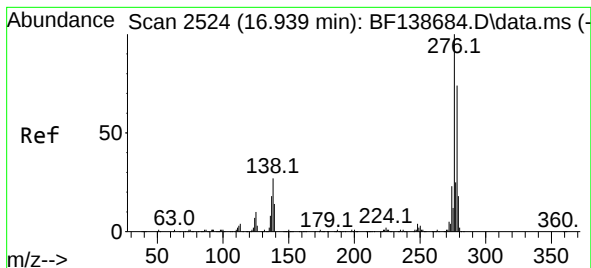
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 33.820 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

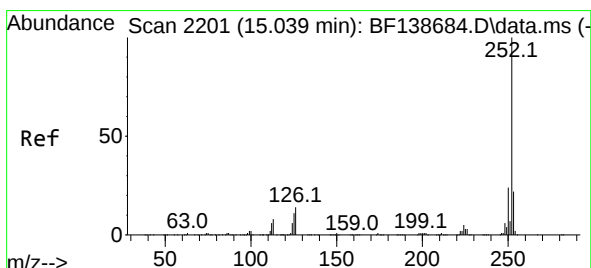
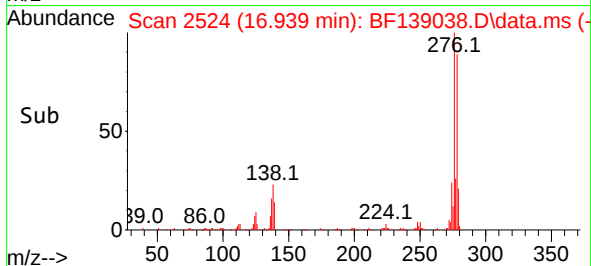
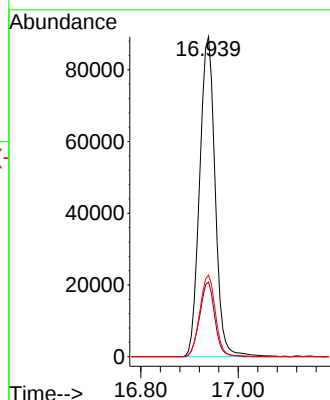
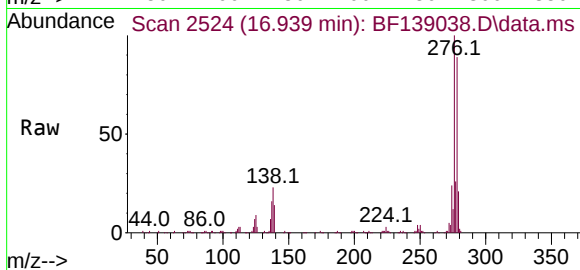
Tgt Ion:276 Resp: 197436

Ion Ratio Lower Upper

276 100

138 22.7 21.8 32.8

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 51.469 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

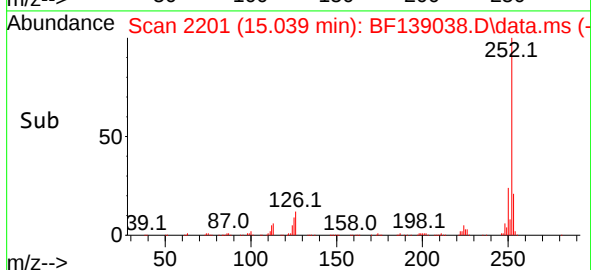
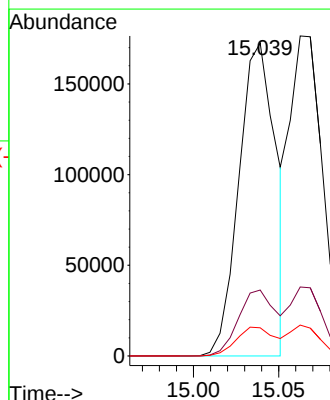
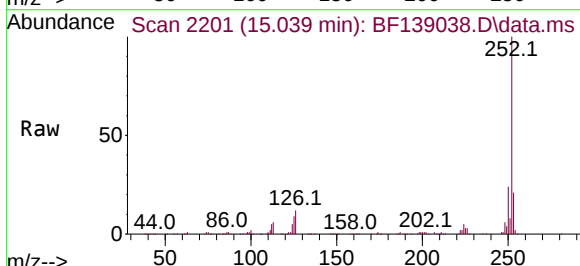
Tgt Ion:252 Resp: 259912

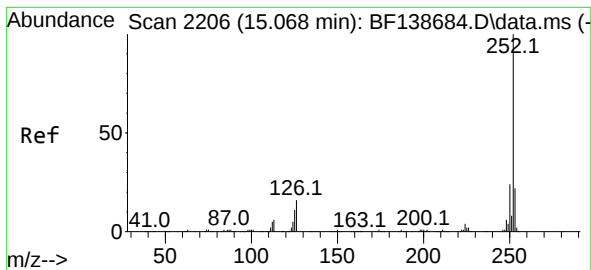
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 9.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 54.086 ng

RT: 15.063 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MS

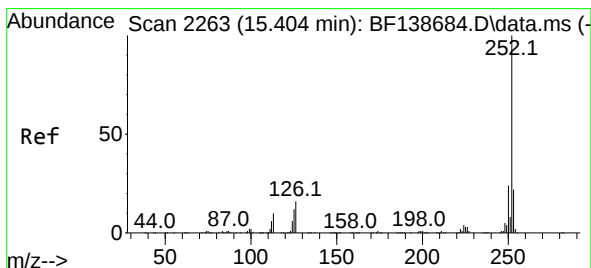
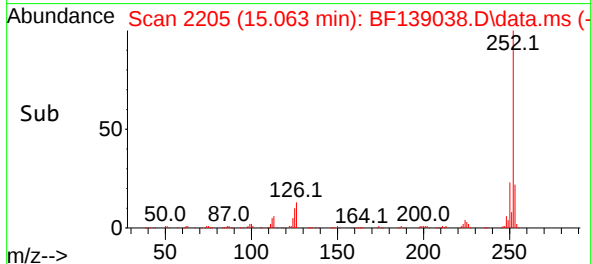
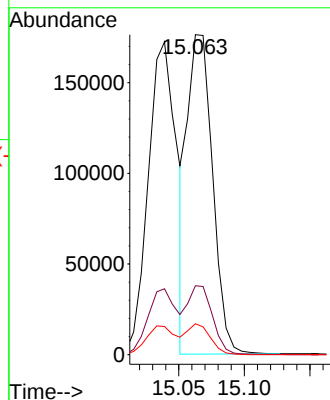
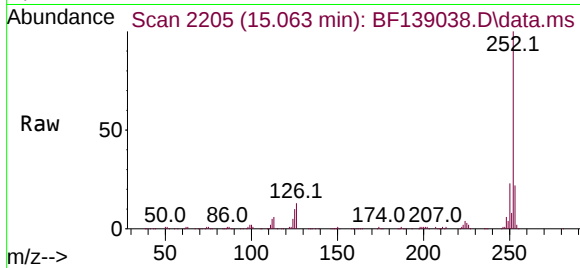
Tgt Ion:252 Resp: 236478

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.6 8.6 13.0



#90

Benzo(a)pyrene

Concen: 54.841 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF139038.D

Acq: 15 Aug 2024 23:17

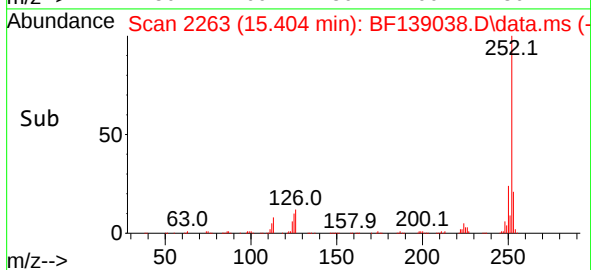
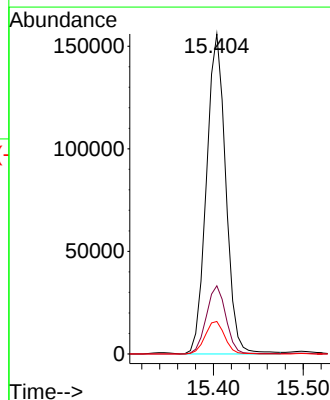
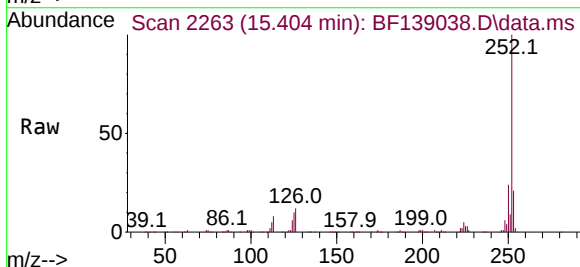
Tgt Ion:252 Resp: 232945

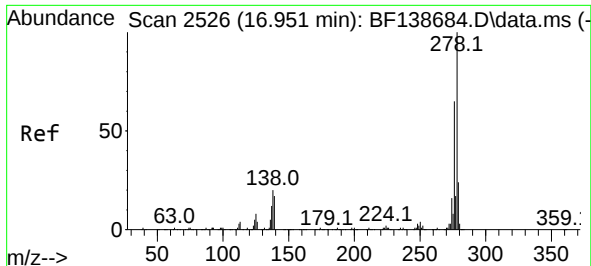
Ion Ratio Lower Upper

252 100

253 21.3 17.3 25.9

125 10.2 9.5 14.3

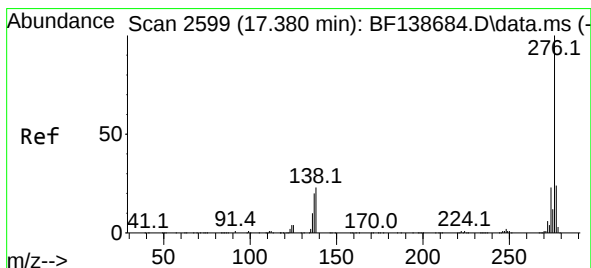
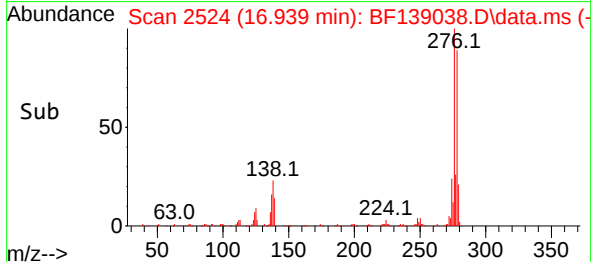
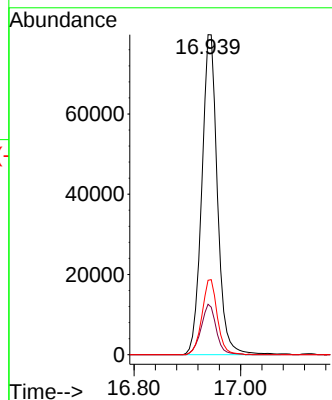
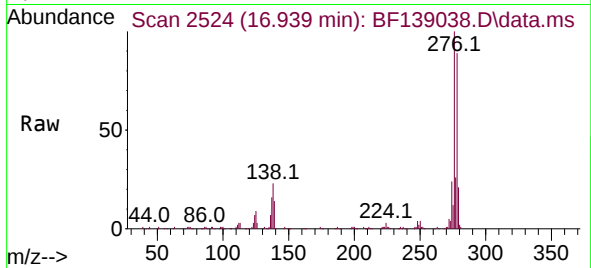




#91
Dibenzo(a,h)anthracene
Concen: 33.812 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MS

Tgt Ion:278 Resp: 162031
Ion Ratio Lower Upper
278 100
139 15.8 14.0 21.0
279 23.2 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 27.790 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF139038.D
Acq: 15 Aug 2024 23:17

Tgt Ion:276 Resp: 138196
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.4
138 18.7 18.5 27.7

