

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140307.D
 Acq On : 08 Nov 2024 18:55
 Operator : RC/JU
 Sample : P4756-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B4MS

Quant Time: Nov 08 21:48:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	111731	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	394140	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	192644	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	322020	20.000	ng	0.00
76) Chrysene-d12	14.063	240	212503	20.000	ng	0.00
86) Perylene-d12	15.562	264	174450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	665415	98.695	ng	0.00
7) Phenol-d6	6.504	99	870041	100.327	ng	0.00
23) Nitrobenzene-d5	7.439	82	545021	68.751	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	199266	104.646	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	929232	77.023	ng	0.00
79) Terphenyl-d14	12.998	244	979899	75.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	132010	42.588	ng	94
3) Pyridine	3.451	79	347237	45.911	ng	95
4) n-Nitrosodimethylamine	3.404	42	204107	46.742	ng	90
6) Aniline	6.540	93	334506	42.695	ng	99
8) 2-Chlorophenol	6.663	128	377772	53.552	ng	94
9) Benzaldehyde	6.428	77	53429	10.002	ng	96
10) Phenol	6.522	94	474624	51.533	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	365717	52.271	ng	95
12) 1,3-Dichlorobenzene	6.822	146	410335	49.637	ng	98
13) 1,4-Dichlorobenzene	6.898	146	417539	50.080	ng	99
14) 1,2-Dichlorobenzene	7.051	146	394662	50.682	ng	98
15) Benzyl Alcohol	7.016	79	335510	50.187	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	535573	47.290	ng	98
17) 2-Methylphenol	7.128	107	298834	50.781	ng	98
18) Hexachloroethane	7.392	117	126294	40.666	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	263655	47.657	ng	96
20) 3+4-Methylphenols	7.281	107	374071	50.613	ng	97
22) Acetophenone	7.287	105	504175	51.593	ng	94
24) Nitrobenzene	7.463	77	400072	48.096	ng	95
25) Isophorone	7.698	82	687725	50.383	ng	98
26) 2-Nitrophenol	7.775	139	159368	48.163	ng	95
27) 2,4-Dimethylphenol	7.810	122	288236	64.031	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	422624	51.738	ng	100
29) 2,4-Dichlorophenol	8.016	162	289586	52.001	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	323175	48.429	ng	98
31) Naphthalene	8.181	128	1014095	49.826	ng	99
32) Benzoic acid	7.910	122	153360	41.513	ng	96
33) 4-Chloroaniline	8.228	127	172762	25.784	ng	96
34) Hexachlorobutadiene	8.298	225	222879	49.343	ng	99
35) Caprolactam	8.592	113	89793	53.004	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	296590	47.834	ng	96
37) 2-Methylnaphthalene	8.875	142	654015	49.237	ng	100
38) 1-Methylnaphthalene	8.975	142	602341	46.264	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	318908	56.547	ng	98
41) Hexachlorocyclopentadiene	9.022	237	60076	38.015	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	197831	56.607	ng	98

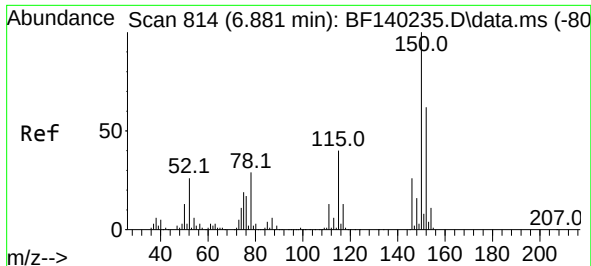
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	196886	53.580	ng	96
46) 1,1'-Biphenyl	9.339	154	776895	55.793	ng	99
47) 2-Chloronaphthalene	9.363	162	560484	53.480	ng	99
48) 2-Nitroaniline	9.457	65	200895	57.318	ng	94
49) Acenaphthylene	9.780	152	849013	57.220	ng	99
50) Dimethylphthalate	9.639	163	687540	57.951	ng	99
51) 2,6-Dinitrotoluene	9.698	165	135118	48.450	ng	97
52) Acenaphthene	9.951	154	534633	50.800	ng	98
53) 3-Nitroaniline	9.869	138	130290	49.616	ng	95
54) 2,4-Dinitrophenol	9.980	184	9518	12.552	ng	91
55) Dibenzofuran	10.122	168	782582	53.177	ng	98
56) 4-Nitrophenol	10.033	139	206862	112.037	ng	93
57) 2,4-Dinitrotoluene	10.104	165	170730	47.177	ng	91
58) Fluorene	10.469	166	601628	51.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	166582	55.338	ng	94
60) Diethylphthalate	10.339	149	633066	53.696	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	307818	52.137	ng	96
62) 4-Nitroaniline	10.486	138	140757	53.939	ng	91
63) Azobenzene	10.622	77	655078	53.599	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	9573	5.660	ng	96
66) n-Nitrosodiphenylamine	10.580	169	520814	56.232	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	188900	54.475	ng	97
68) Hexachlorobenzene	11.022	284	209647	53.040	ng	94
69) Atrazine	11.104	200	179001	70.641	ng	97
70) Pentachlorophenol	11.216	266	247814	116.758	ng	98
71) Phenanthrene	11.433	178	868140	56.491	ng	99
72) Anthracene	11.486	178	880857	58.454	ng	99
73) Carbazole	11.639	167	792694	57.570	ng	100
74) Di-n-butylphthalate	11.969	149	900216	55.232	ng	99
75) Fluoranthene	12.627	202	984068	61.239	ng	98
77) Benzidine	12.751	184	597025	143.695	ng	99
78) Pyrene	12.857	202	1006606	57.370	ng	99
80) Butylbenzylphthalate	13.474	149	379776	60.111	ng	95
81) Benzo(a)anthracene	14.051	228	768717	56.368	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	271899	63.489	ng	100
83) Chrysene	14.092	228	720941	56.452	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	494440	55.838	ng	98
85) Di-n-octyl phthalate	14.668	149	725637	54.444	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	575017	56.153	ng	98
88) Benzo(b)fluoranthene	15.127	252	568141	53.842	ng	100
89) Benzo(k)fluoranthene	15.157	252	565667	58.420	ng	100
90) Benzo(a)pyrene	15.504	252	524794	60.321	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	466270	55.345	ng	100
92) Benzo(g,h,i)perylene	17.539	276	426273	49.599	ng	98

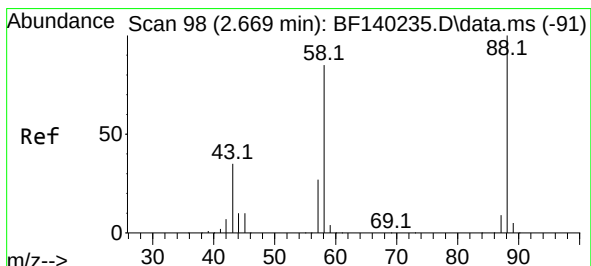
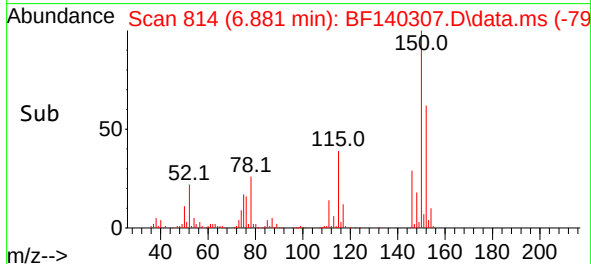
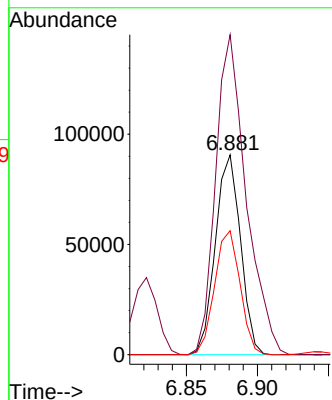
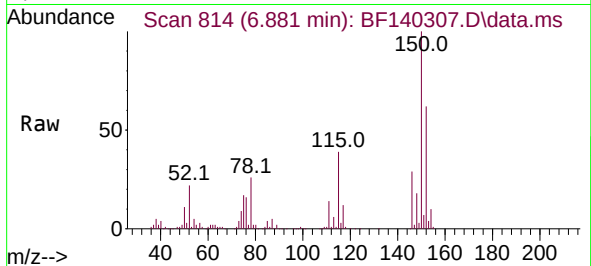
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

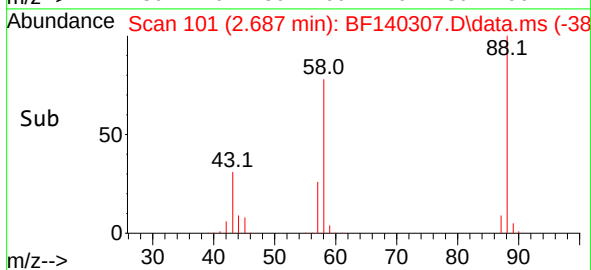
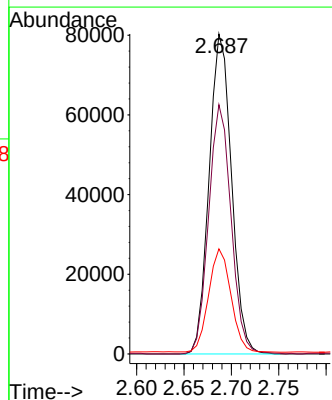
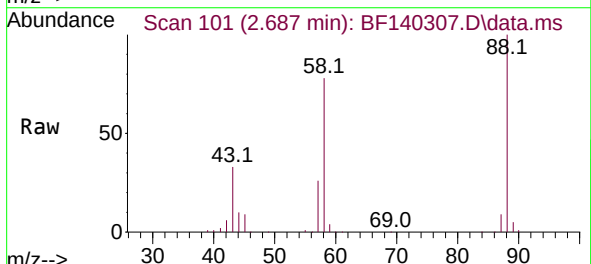
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

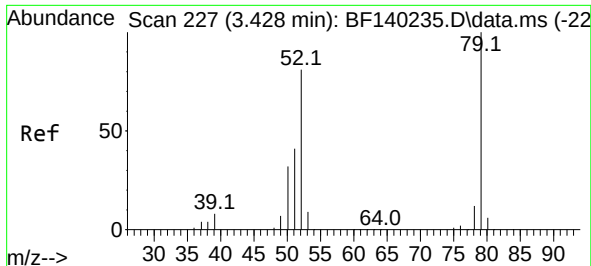
Tgt Ion:152 Resp: 111731
Ion Ratio Lower Upper
152 100
150 160.1 129.4 194.2
115 62.0 51.5 77.3



#2
1,4-Dioxane
Concen: 42.588 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.018 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 88 Resp: 132010
Ion Ratio Lower Upper
88 100
58 78.1 66.7 100.1
43 32.1 27.8 41.8





#3

Pyridine

Concen: 45.911 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

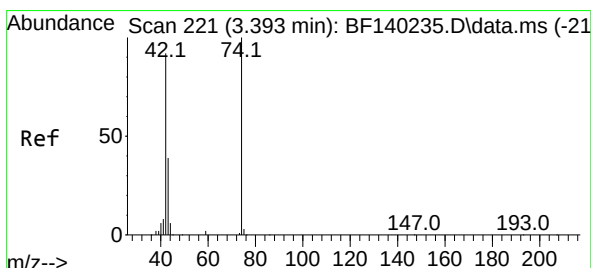
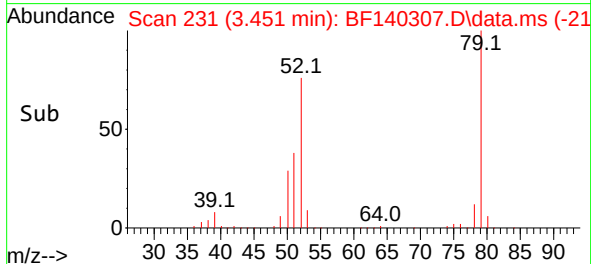
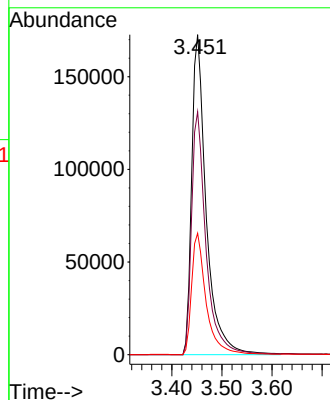
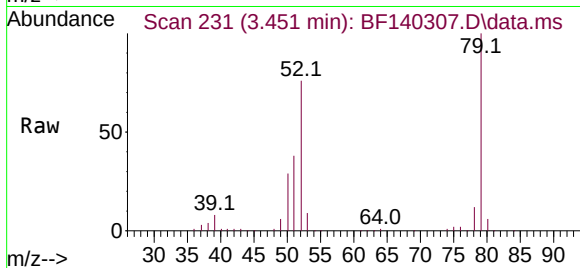
Tgt Ion: 79 Resp: 347237

Ion Ratio Lower Upper

79 100

52 75.9 64.6 97.0

51 37.9 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 46.742 ng

RT: 3.404 min Scan# 223

Delta R.T. 0.012 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

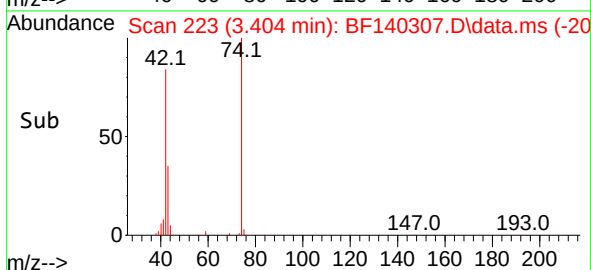
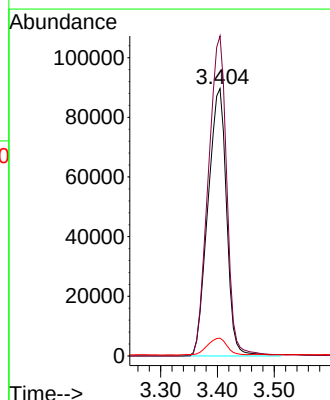
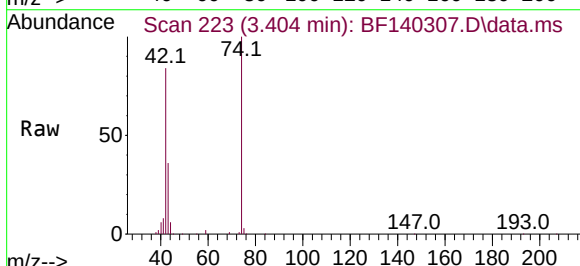
Tgt Ion: 42 Resp: 204107

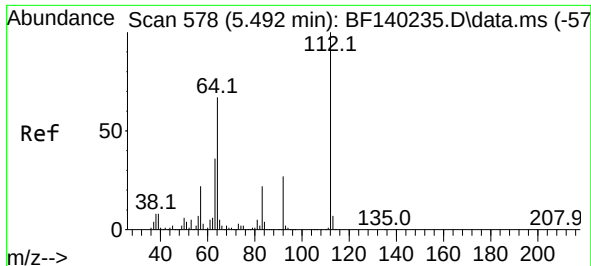
Ion Ratio Lower Upper

42 100

74 119.7 86.9 130.3

44 6.6 5.0 7.6

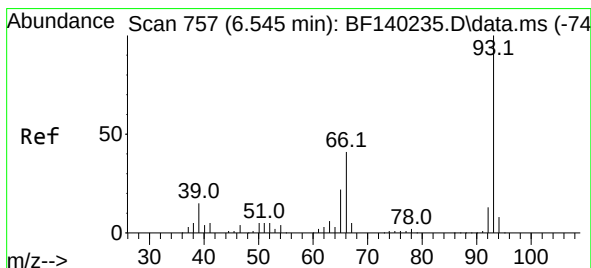
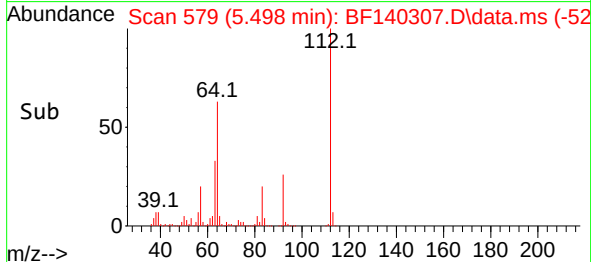
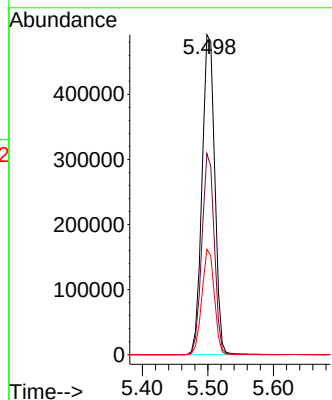
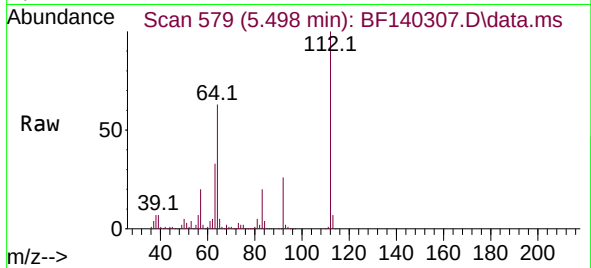




#5
2-Fluorophenol
Concen: 98.695 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

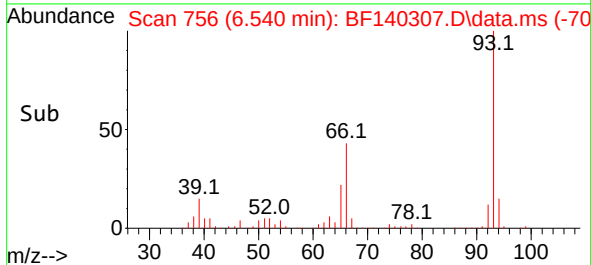
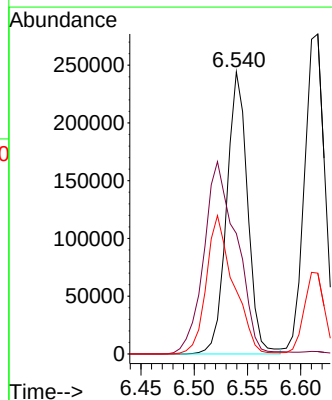
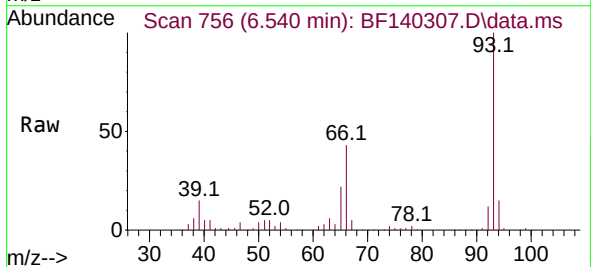
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

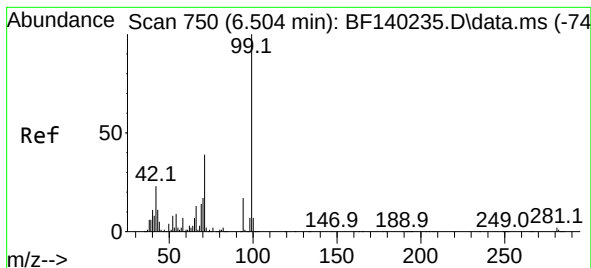
Tgt Ion:112 Resp: 665415
Ion Ratio Lower Upper
112 100
64 62.8 53.4 80.2
63 32.9 28.9 43.3



#6
Aniline
Concen: 42.695 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 93 Resp: 334506
Ion Ratio Lower Upper
93 100
66 42.7 33.6 50.4
65 22.4 17.5 26.3





#7

Phenol-d6

Concen: 100.327 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

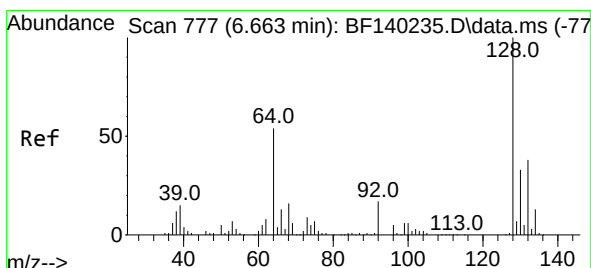
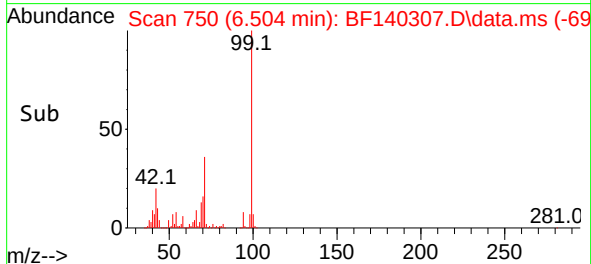
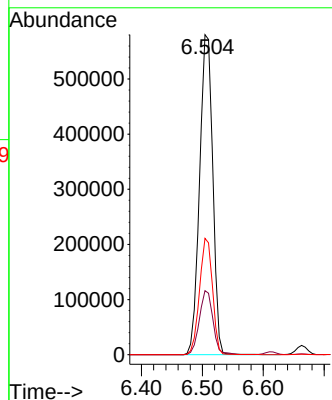
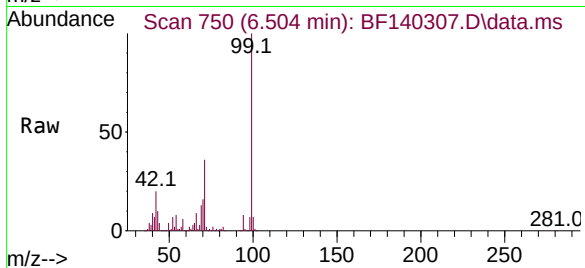
Tgt Ion: 99 Resp: 870041

Ion Ratio Lower Upper

99 100

42 20.0 18.2 27.2

71 36.3 30.9 46.3



#8

2-Chlorophenol

Concen: 53.552 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

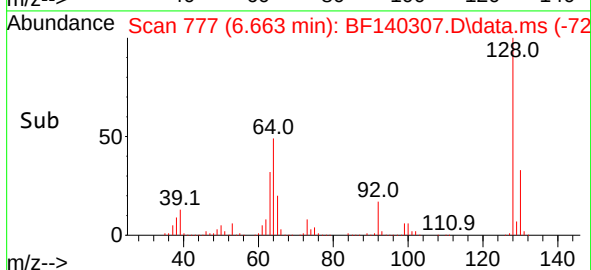
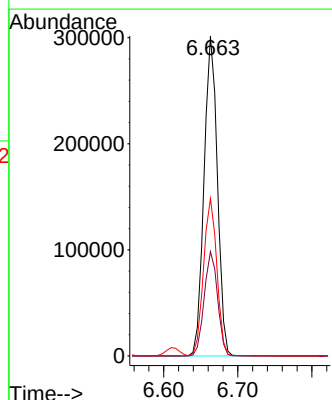
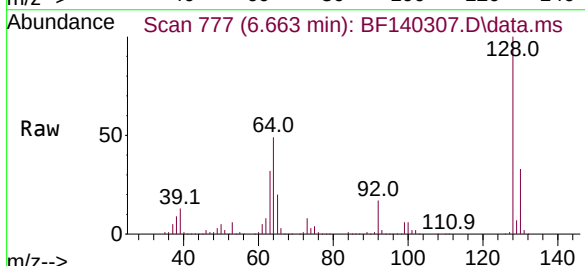
Tgt Ion: 128 Resp: 377772

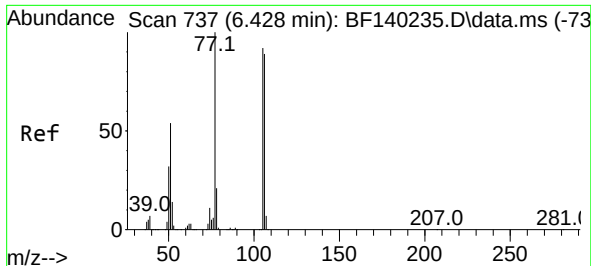
Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 49.2 36.3 76.3

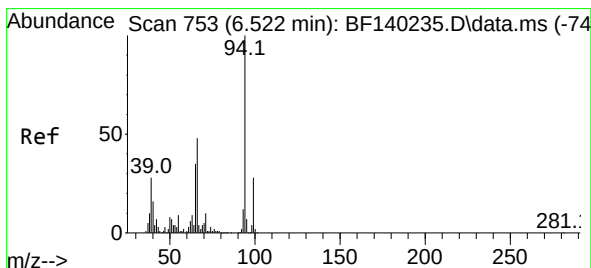
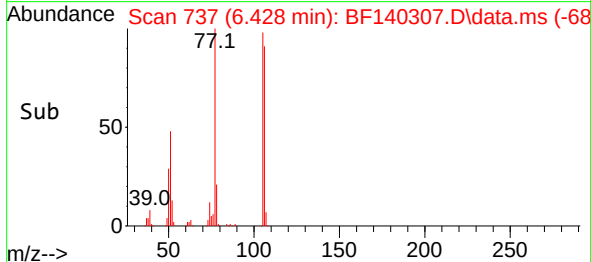
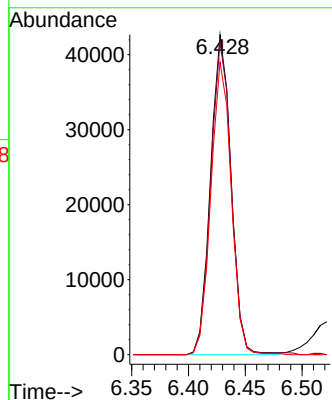
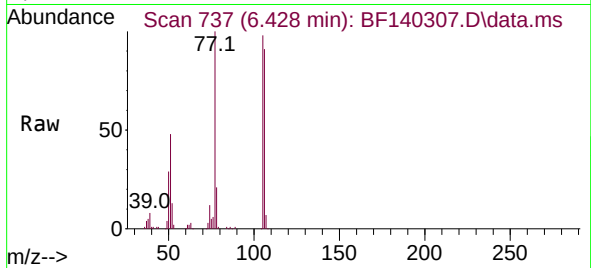




#9
Benzaldehyde
Concen: 10.002 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

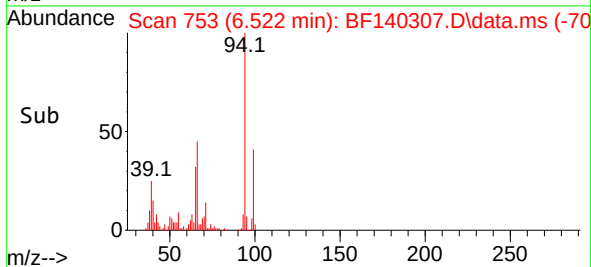
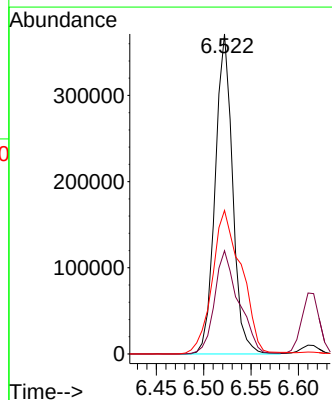
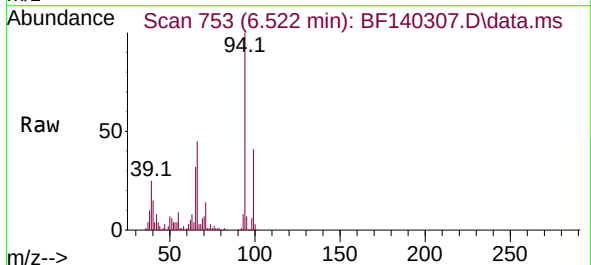
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

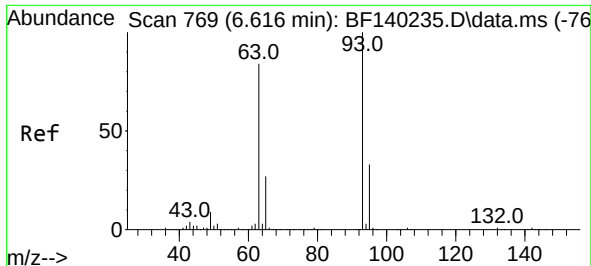
Tgt Ion: 77 Resp: 53429
Ion Ratio Lower Upper
77 100
105 97.7 72.1 112.1
106 91.4 68.8 108.8



#10
Phenol
Concen: 51.533 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 94 Resp: 474624
Ion Ratio Lower Upper
94 100
65 32.3 15.1 55.1
66 44.8 28.8 68.8

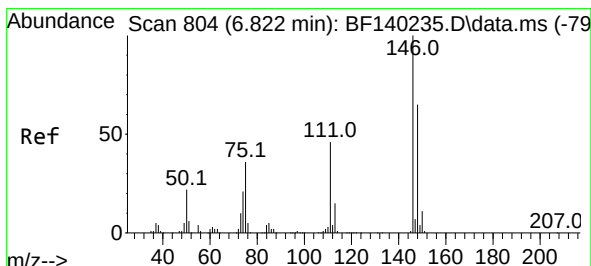
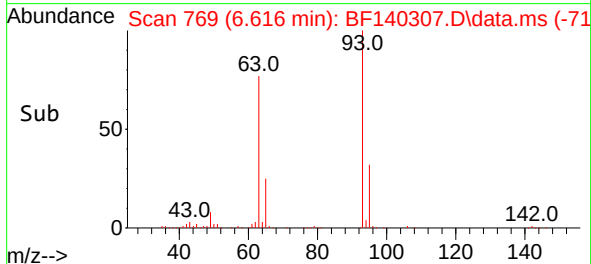
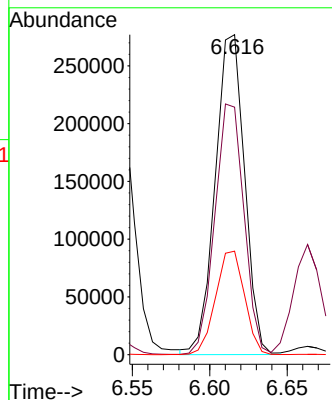
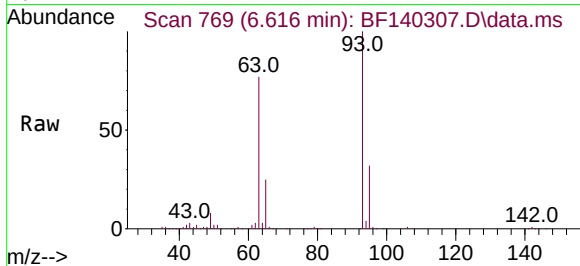




#11
bis(2-Chloroethyl)ether
Concen: 52.271 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

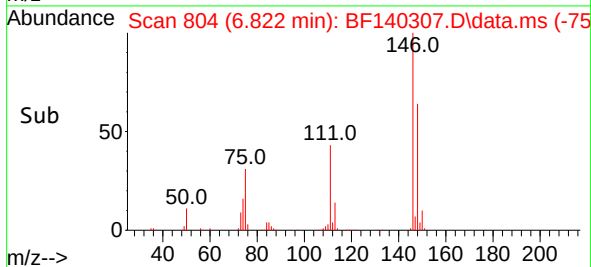
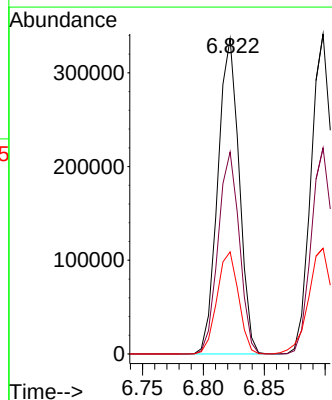
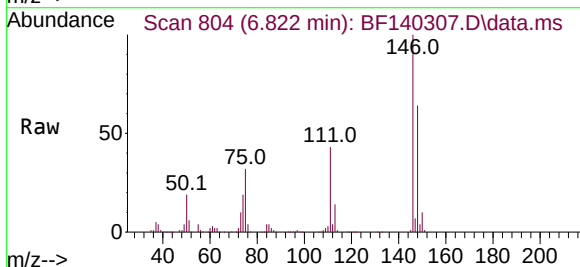
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

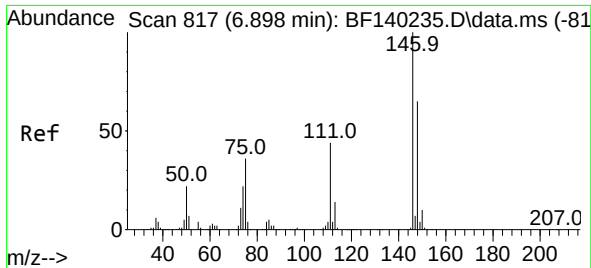
Tgt Ion: 93 Resp: 365717
Ion Ratio Lower Upper
93 100
63 77.3 63.6 103.6
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.637 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 146 Resp: 410335
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
75 32.4 28.4 42.6

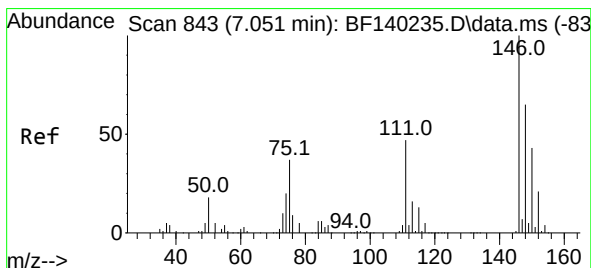
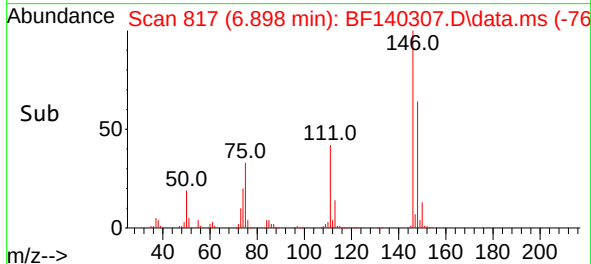
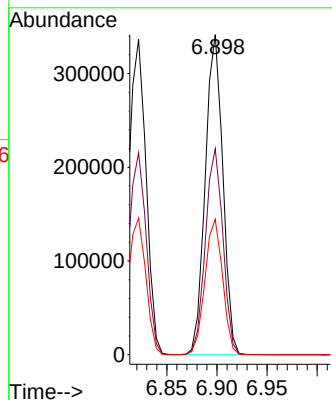
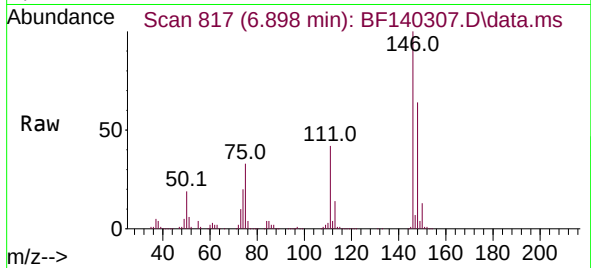




#13
1,4-Dichlorobenzene
Concen: 50.080 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

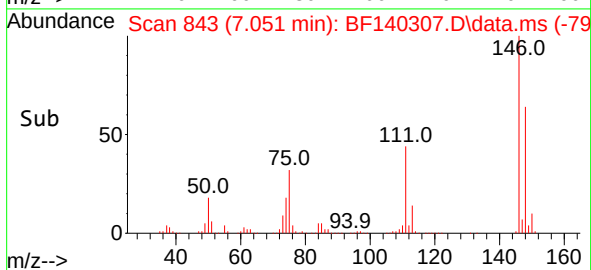
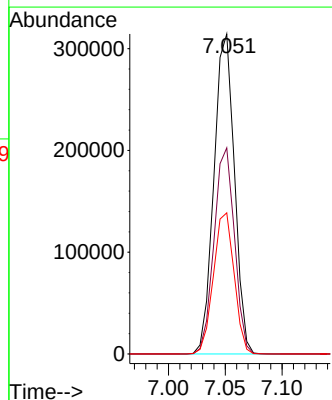
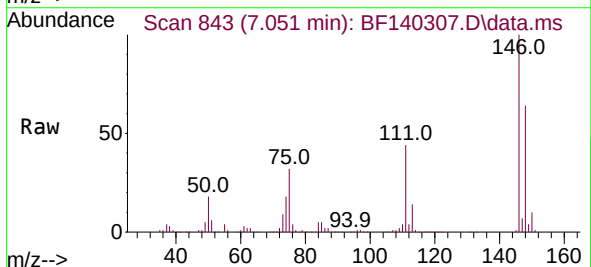
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

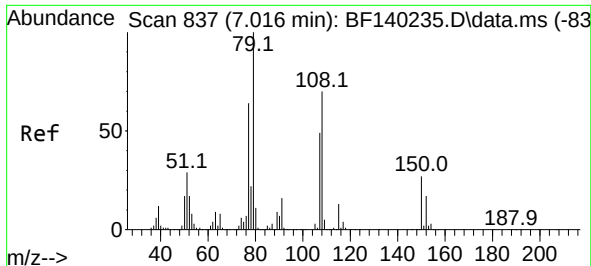
Tgt Ion:146 Resp: 417539
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 42.3 35.4 53.2



#14
1,2-Dichlorobenzene
Concen: 50.682 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:146 Resp: 394662
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.6
111 44.1 37.9 56.9

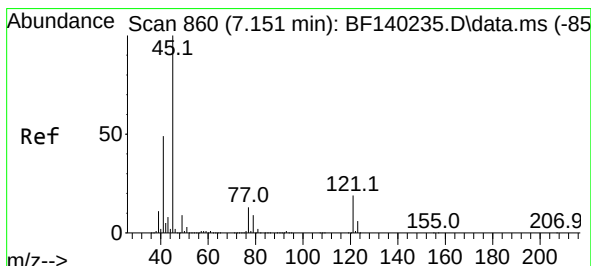
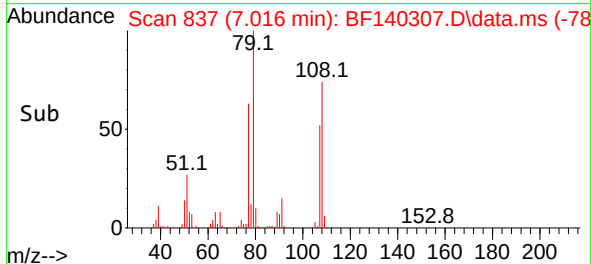
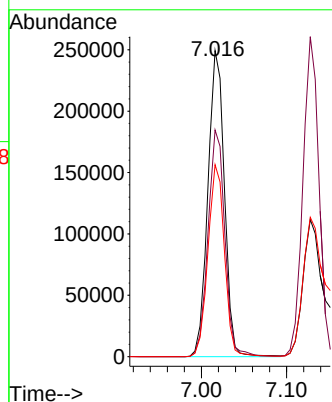
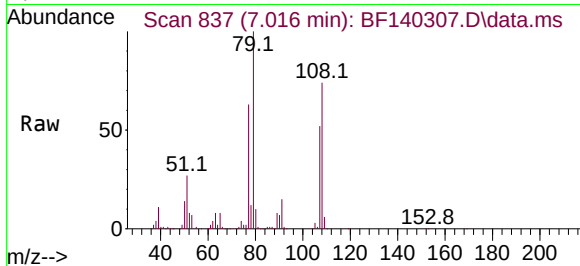




#15
Benzyl Alcohol
Concen: 50.187 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

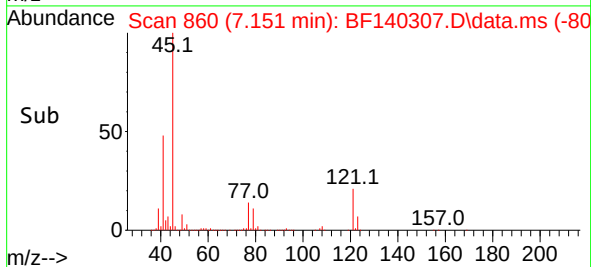
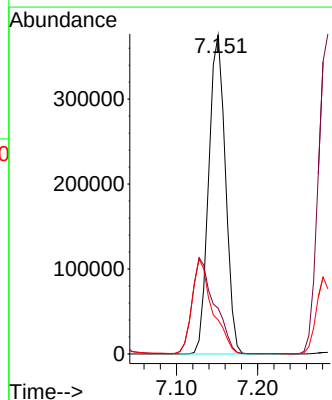
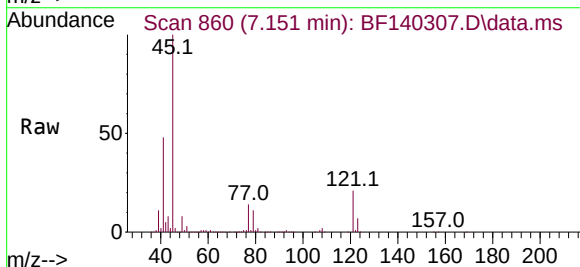
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

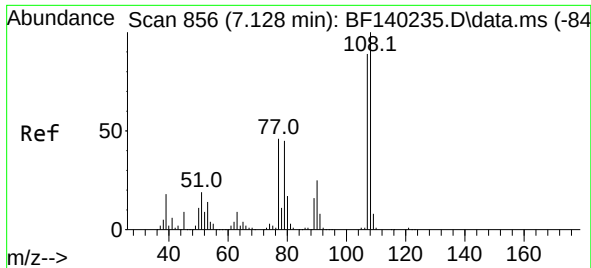
Tgt Ion: 79 Resp: 335510
Ion Ratio Lower Upper
79 100
108 74.1 55.8 83.6
77 62.7 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.290 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 45 Resp: 535573
Ion Ratio Lower Upper
45 100
77 14.3 0.0 33.3
79 10.7 0.0 29.9

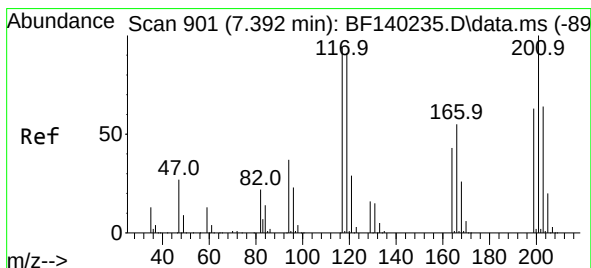
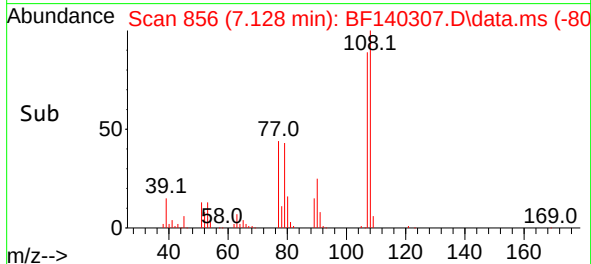
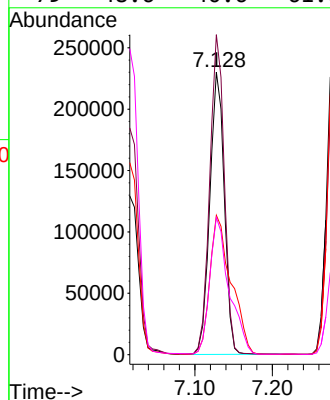
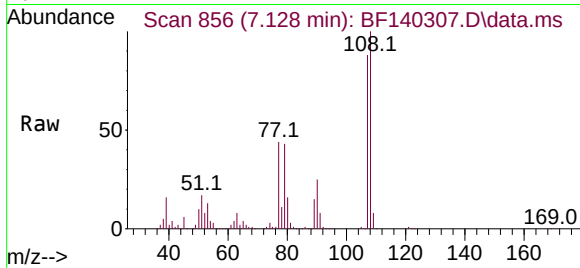




#17
2-Methylphenol
Concen: 50.781 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

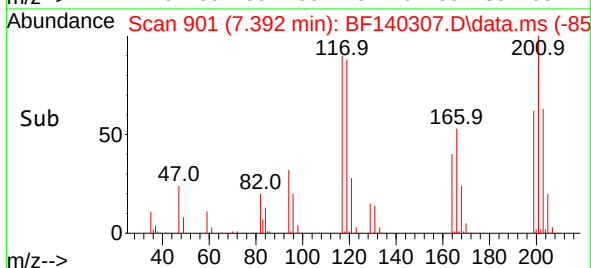
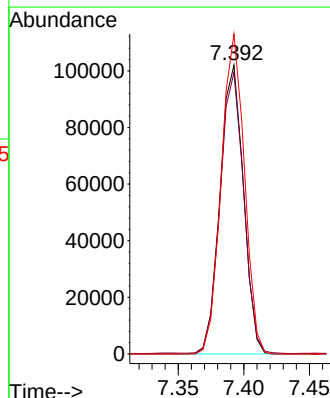
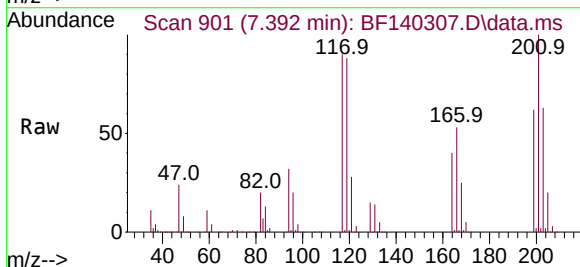
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

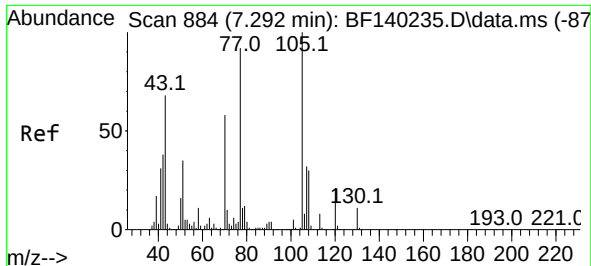
Tgt Ion:	107	Resp:	298834
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	49.3	41.8	62.6
79	48.6	40.6	61.0



#18
Hexachloroethane
Concen: 40.666 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:	117	Resp:	126294
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.3	115.9
201	110.9	85.1	127.7



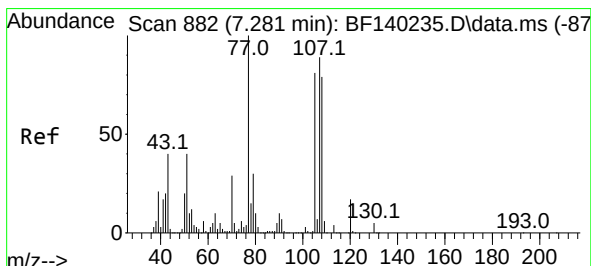
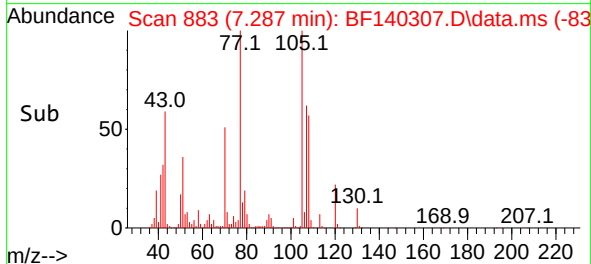
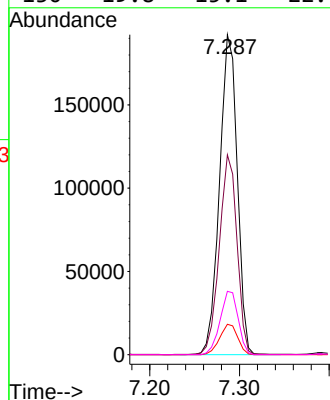
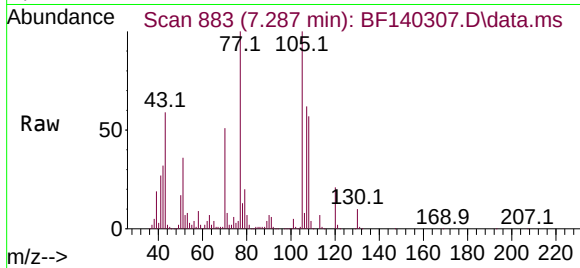


#19
n-Nitroso-di-n-propylamine
Concen: 47.657 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Instrument :
BNA_F
ClientSampleId :
BP-B4MS

Tgt Ion: 70 Resp: 263655

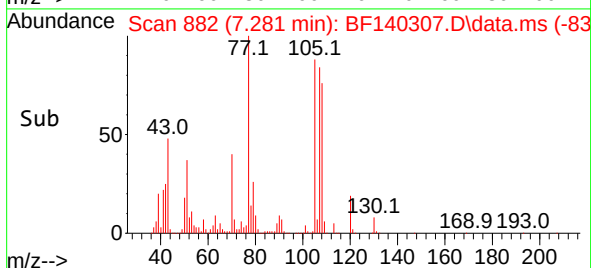
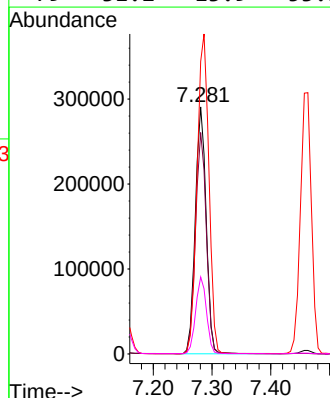
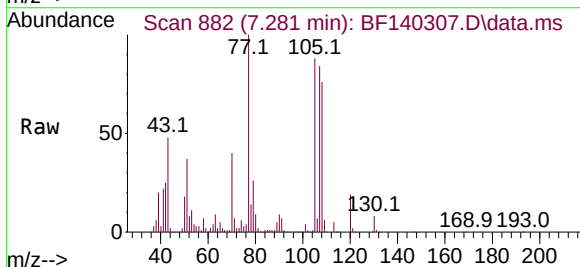
Ion	Ratio	Lower	Upper
70	100		
42	62.4	52.8	79.2
101	9.5	7.4	11.2
130	19.8	15.1	22.7

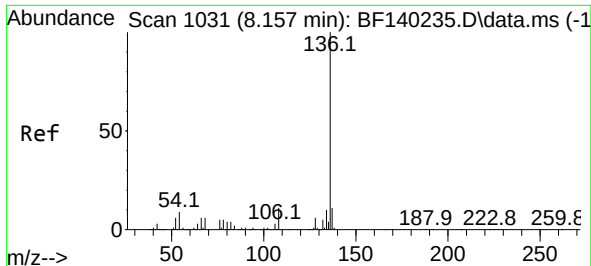


#20
3+4-Methylphenols
Concen: 50.613 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 107 Resp: 374071

Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.4	109.4
77	118.4	92.7	132.7
79	31.2	13.9	53.9



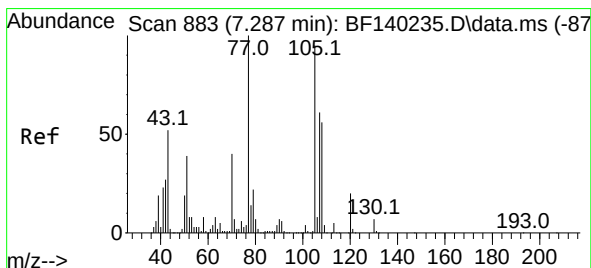
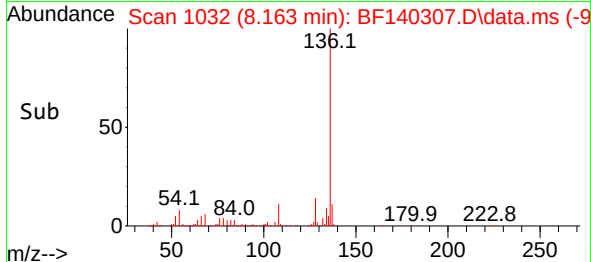
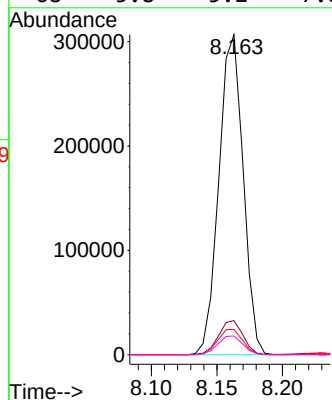
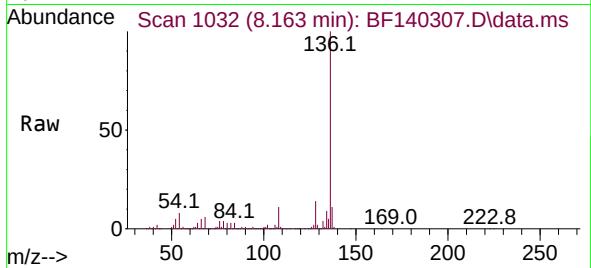


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Instrument :
BNA_F
ClientSampleId :
BP-B4MS

Tgt Ion:136 Resp: 394140

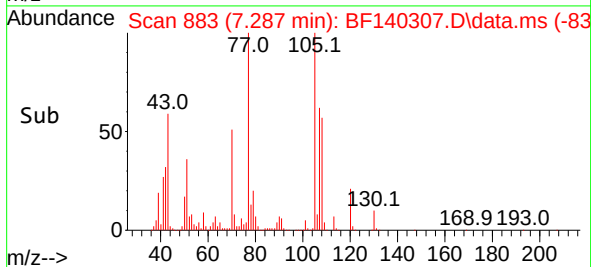
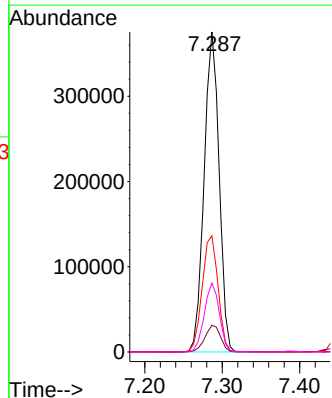
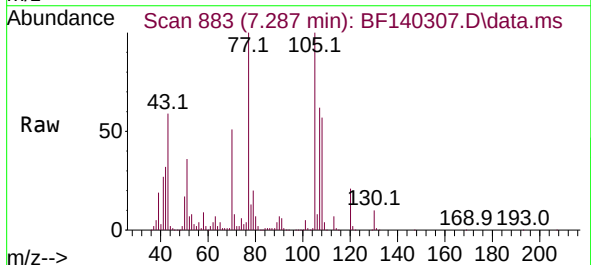
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	7.9	7.7	11.5
68	5.8	5.2	7.8

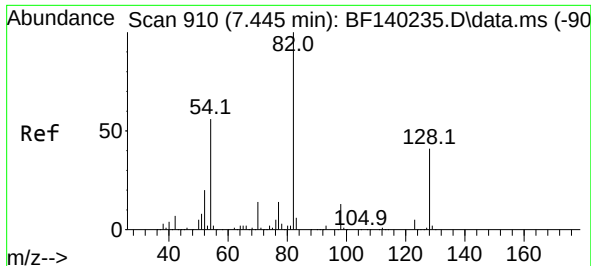


#22
Acetophenone
Concen: 51.593 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:105 Resp: 504175

Ion	Ratio	Lower	Upper
105	100		
71	8.4	5.6	8.4
51	36.3	33.2	49.8
120	21.5	16.8	25.2

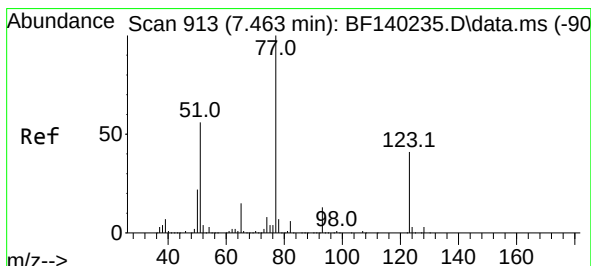
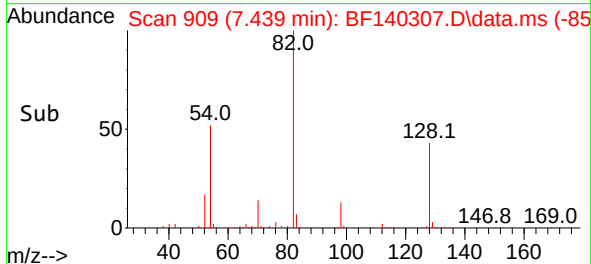
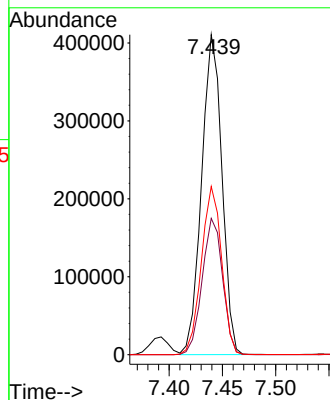
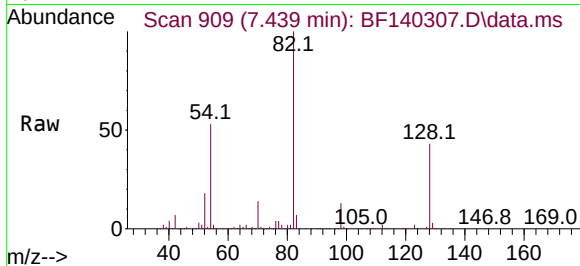




#23
Nitrobenzene-d5
Concen: 68.751 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

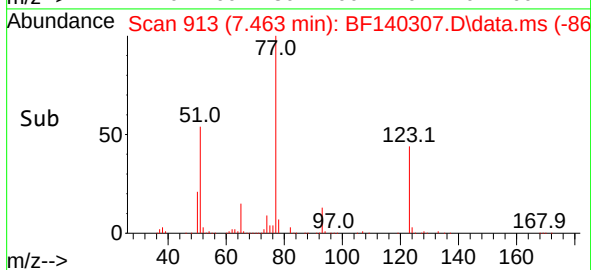
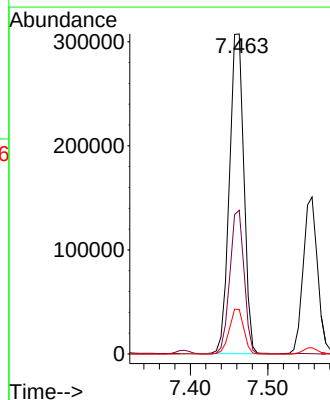
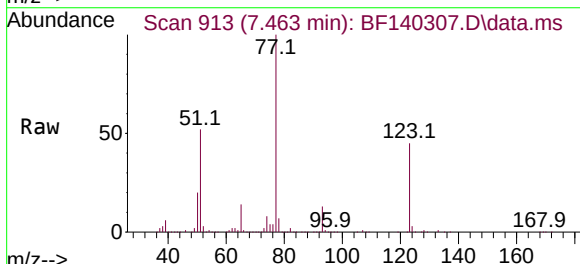
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

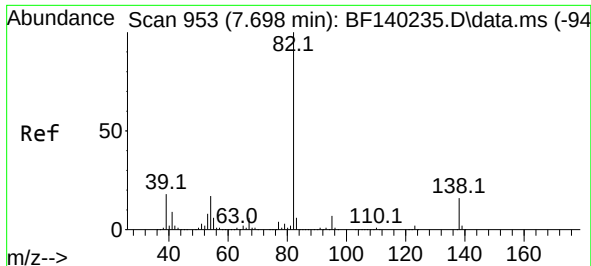
Tgt Ion: 82 Resp: 545021
Ion Ratio Lower Upper
82 100
128 42.6 32.8 49.2
54 52.5 44.3 66.5



#24
Nitrobenzene
Concen: 48.096 ng
RT: 7.463 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 77 Resp: 400072
Ion Ratio Lower Upper
77 100
123 44.9 33.0 49.4
65 13.9 11.7 17.5

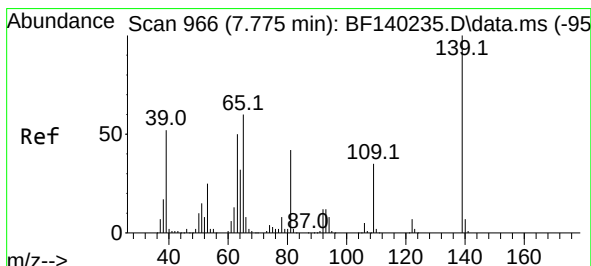
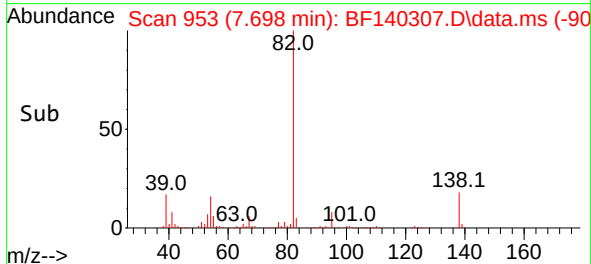
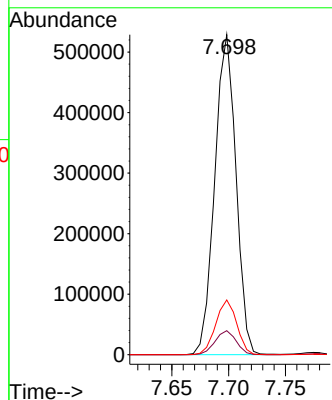
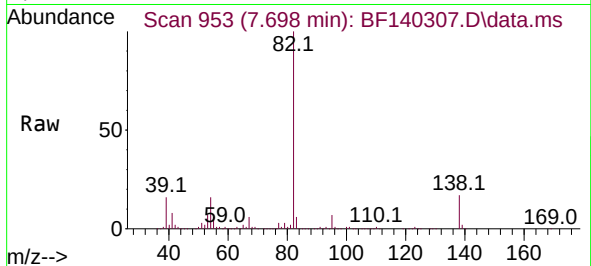




#25
Isophorone
Concen: 50.383 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

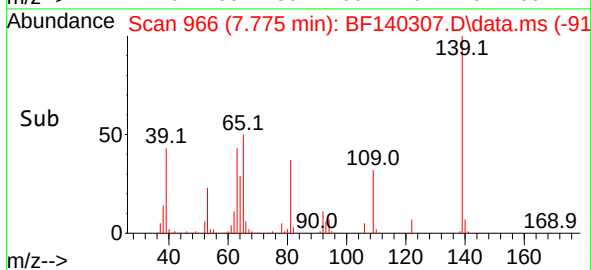
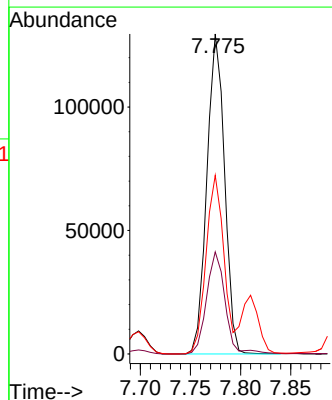
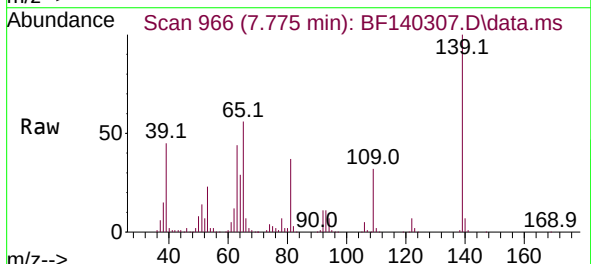
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

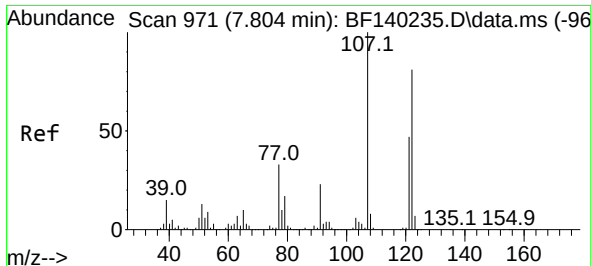
Tgt Ion: 82 Resp: 687725
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.1 12.9 19.3



#26
2-Nitrophenol
Concen: 48.163 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:139 Resp: 159368
Ion Ratio Lower Upper
139 100
109 31.9 27.8 41.8
65 55.8 48.2 72.2

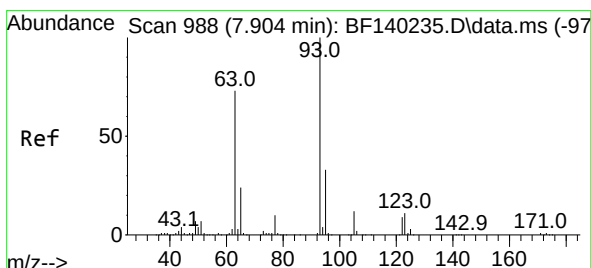
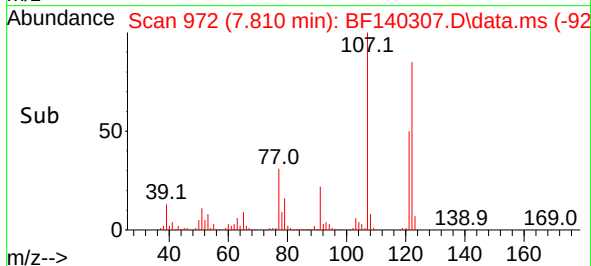
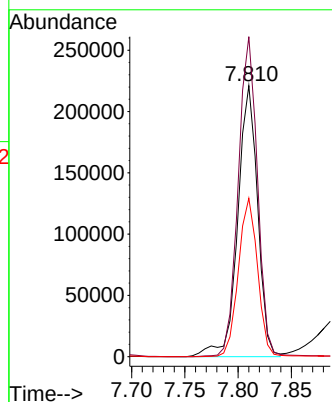
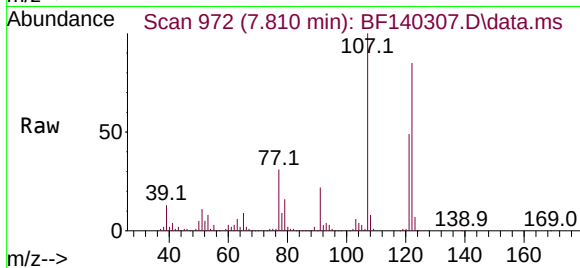




#27
2,4-Dimethylphenol
Concen: 64.031 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

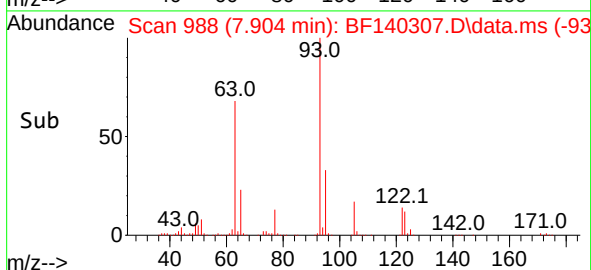
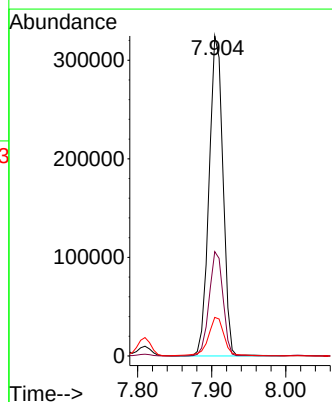
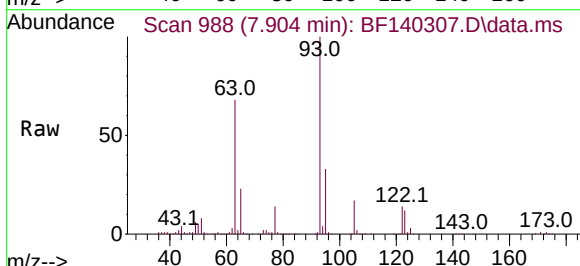
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

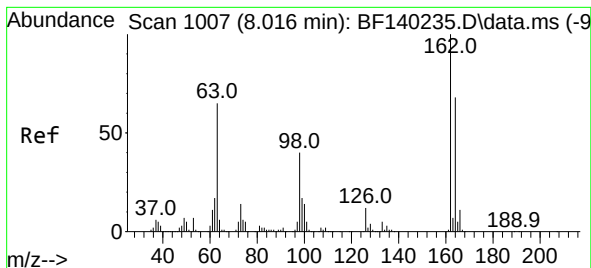
Tgt Ion:122 Resp: 288236
Ion Ratio Lower Upper
122 100
107 118.0 99.4 149.0
121 58.4 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 51.738 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 93 Resp: 422624
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 12.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.001 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

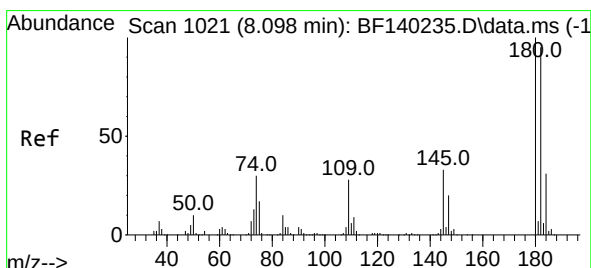
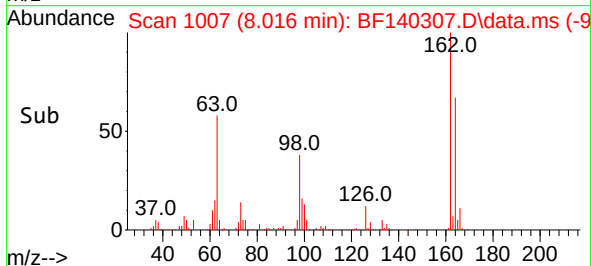
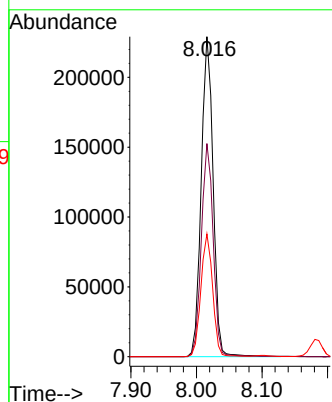
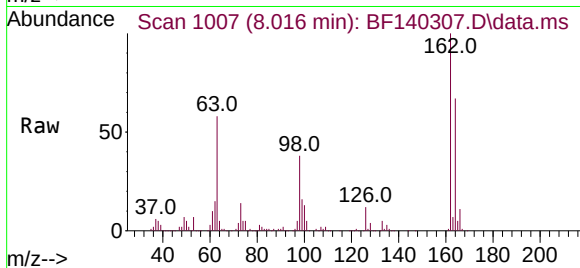
Tgt Ion:162 Resp: 289586

Ion Ratio Lower Upper

162 100

164 66.6 47.5 87.5

98 38.4 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 48.429 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

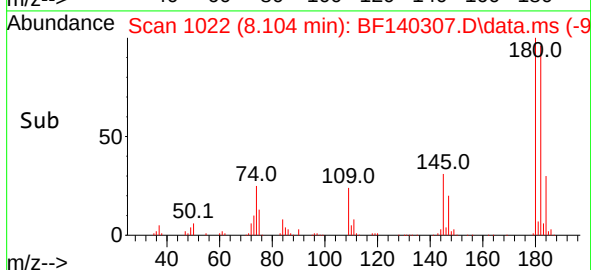
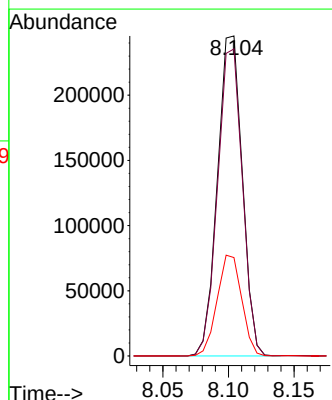
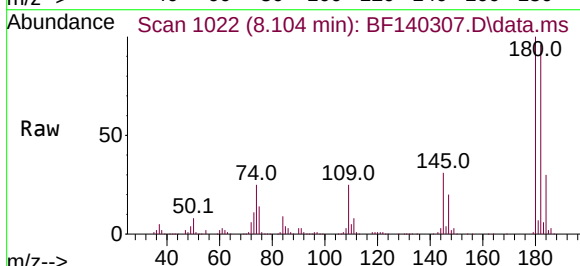
Tgt Ion:180 Resp: 323175

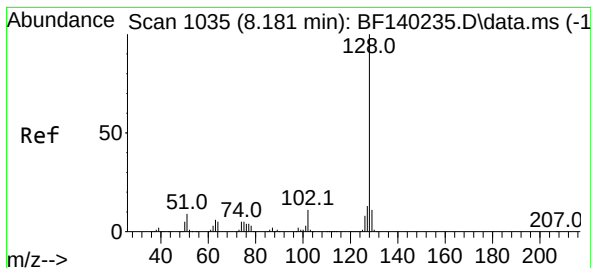
Ion Ratio Lower Upper

180 100

182 96.0 75.9 113.9

145 30.8 26.1 39.1





#31

Naphthalene

Concen: 49.826 ng

RT: 8.181 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

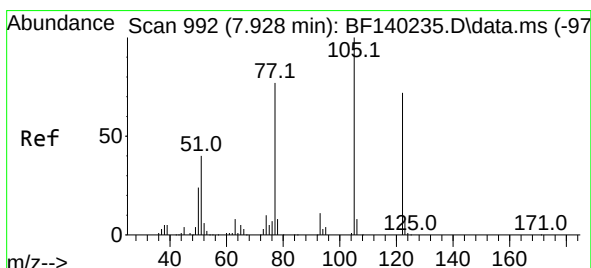
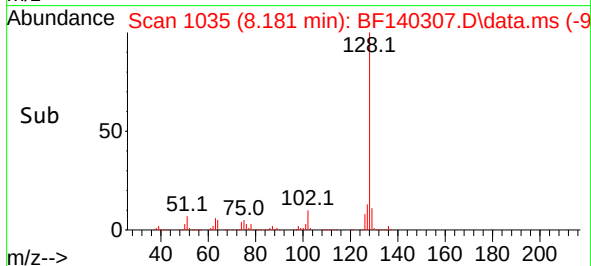
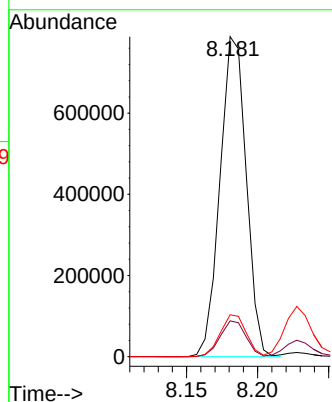
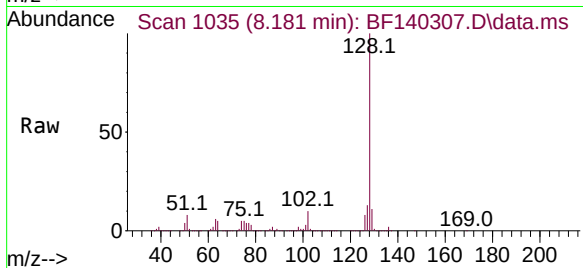
Tgt Ion:128 Resp: 1014095

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 41.513 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.018 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

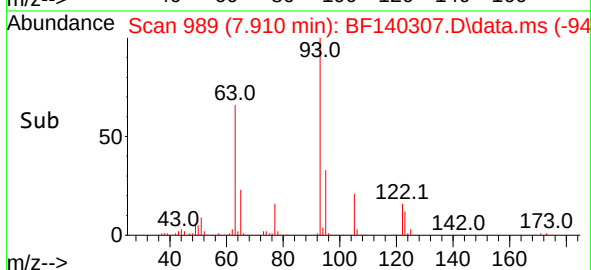
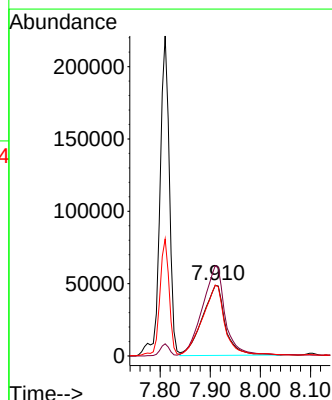
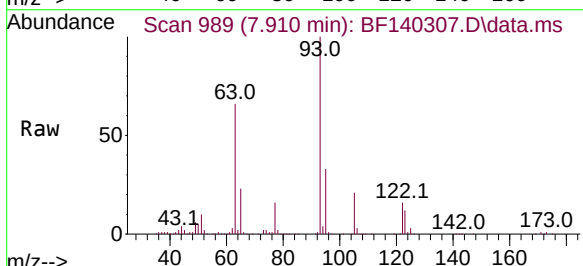
Tgt Ion:122 Resp: 153360

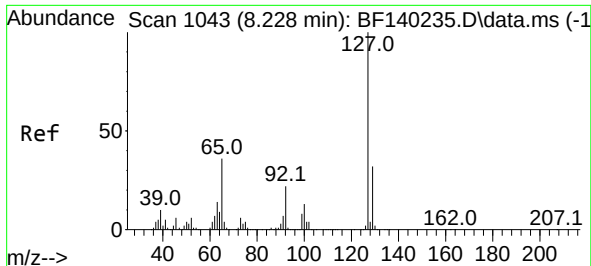
Ion Ratio Lower Upper

122 100

105 127.7 112.6 152.6

77 100.3 84.3 124.3

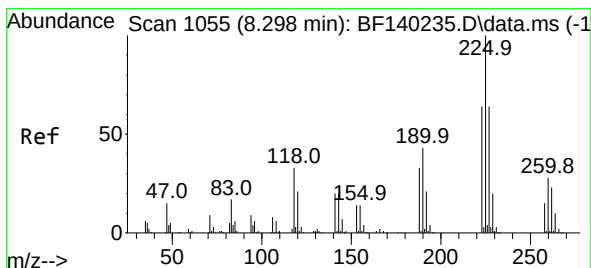
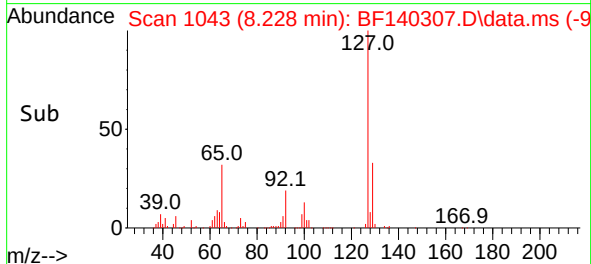
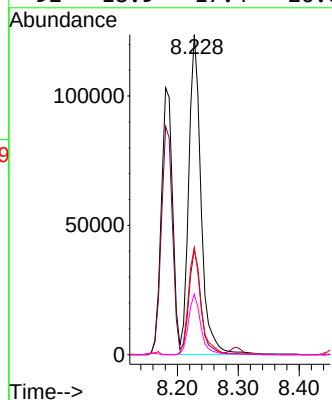
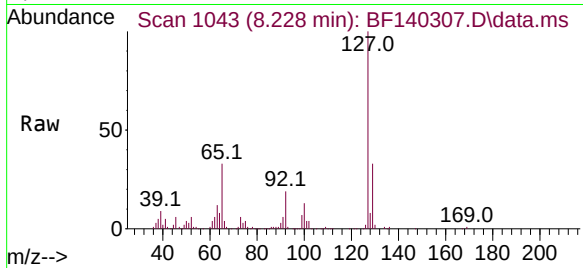




#33
4-Chloroaniline
Concen: 25.784 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

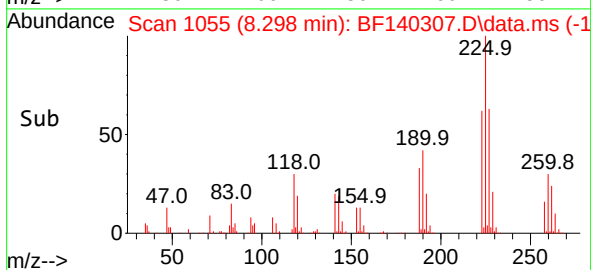
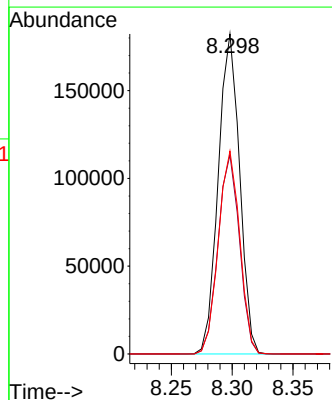
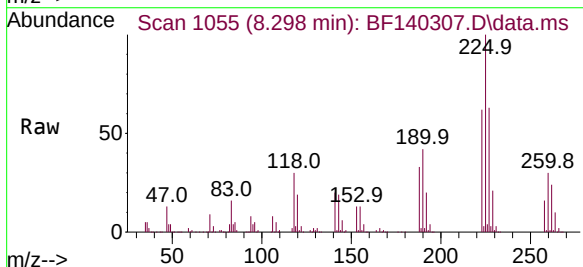
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

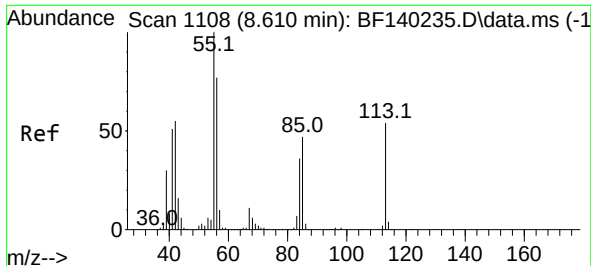
Tgt Ion:	127	Resp:	172762
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.8	38.6
65	33.4	29.0	43.6
92	18.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 49.343 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:	225	Resp:	222879
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.8	76.2
227	63.4	51.0	76.6

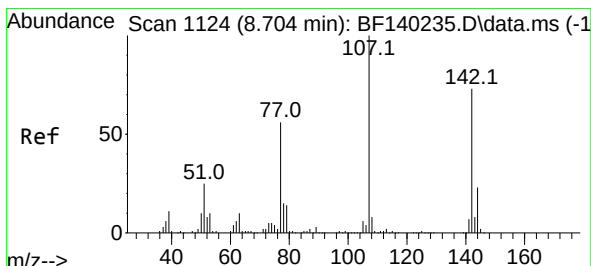
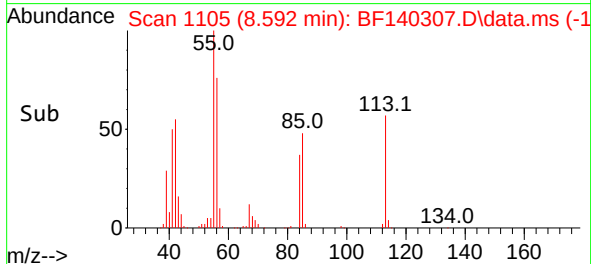
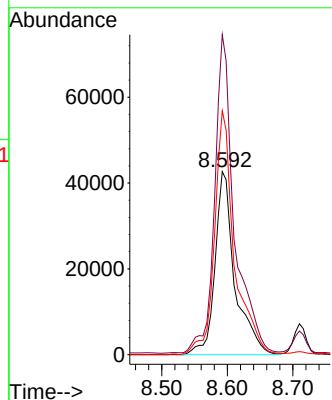
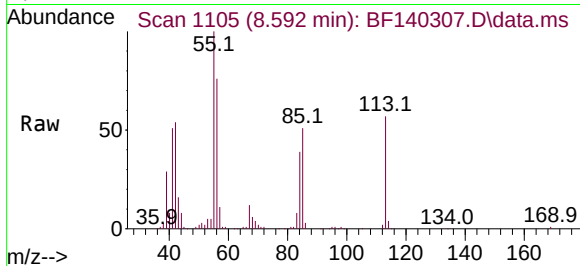




#35
 Caprolactam
 Concen: 53.004 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.018 min
 Lab File: BF140307.D
 Acq: 08 Nov 2024 18:55

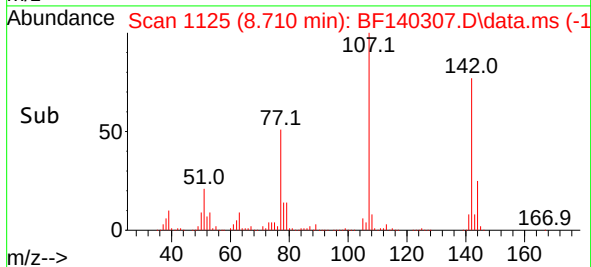
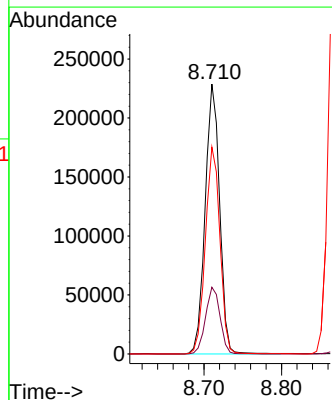
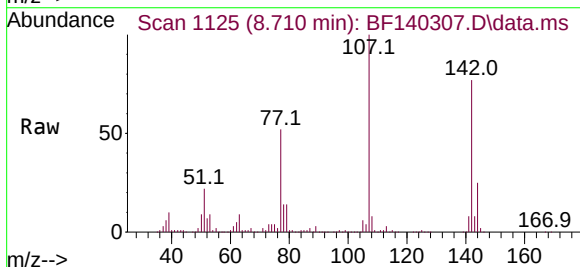
Instrument :
 BNA_F
 ClientSampleId :
 BP-B4MS

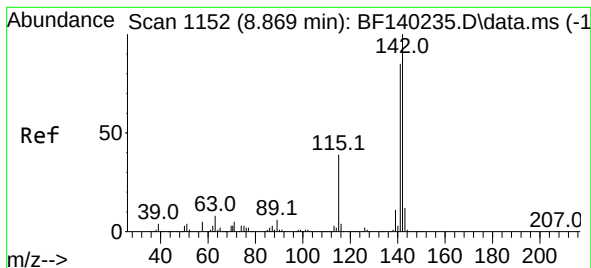
Tgt Ion:113 Resp: 89793
 Ion Ratio Lower Upper
 113 100
 55 174.8 165.2 205.2
 56 133.2 122.1 162.1



#36
 4-Chloro-3-methylphenol
 Concen: 47.834 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF140307.D
 Acq: 08 Nov 2024 18:55

Tgt Ion:107 Resp: 296590
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.6 27.8
 142 76.6 58.1 87.1





#37

2-Methylnaphthalene

Concen: 49.237 ng

RT: 8.875 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

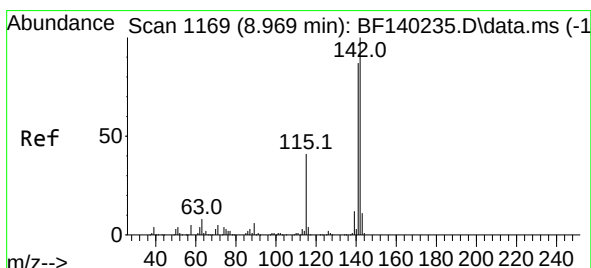
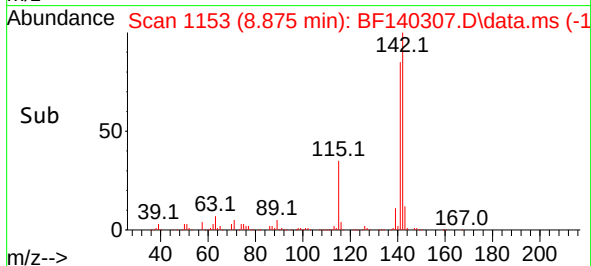
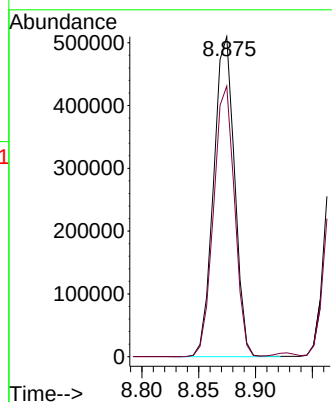
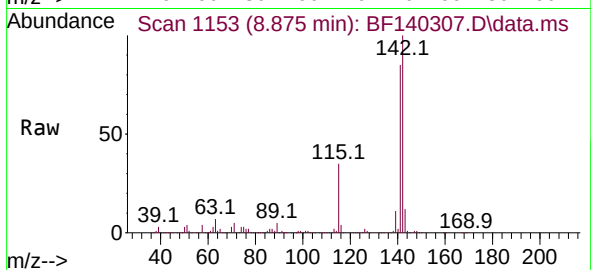
BP-B4MS

Tgt Ion:142 Resp: 654015

Ion Ratio Lower Upper

142 100

141 84.6 67.8 101.8



#38

1-Methylnaphthalene

Concen: 46.264 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF140307.D

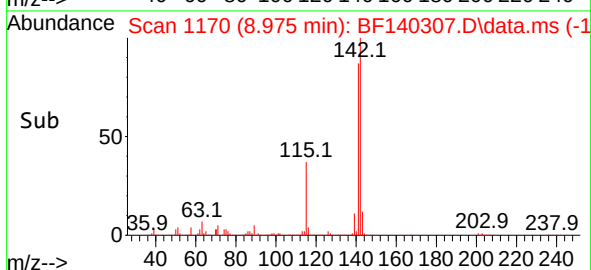
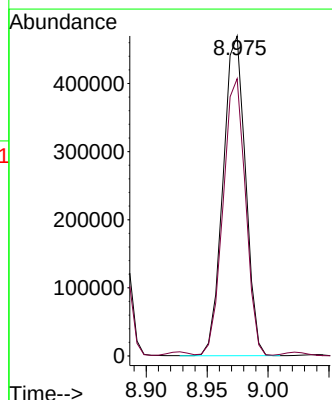
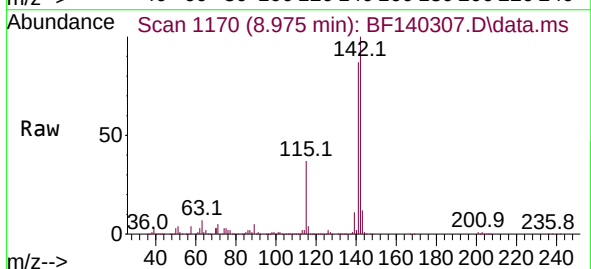
Acq: 08 Nov 2024 18:55

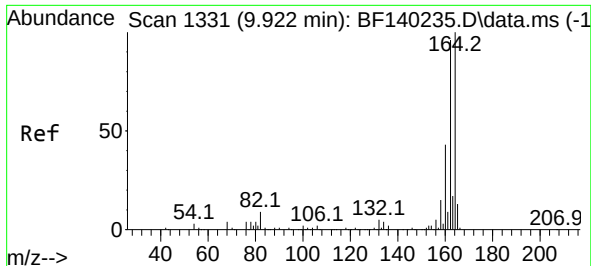
Tgt Ion:142 Resp: 602341

Ion Ratio Lower Upper

142 100

141 86.7 69.7 104.5

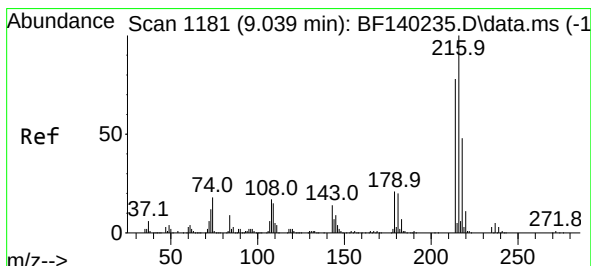
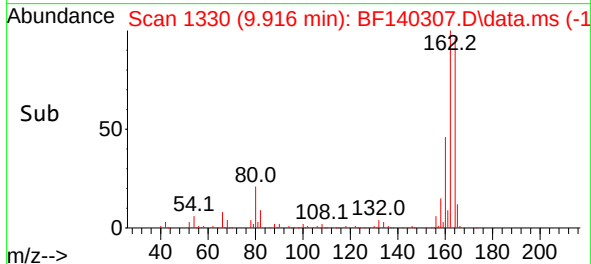
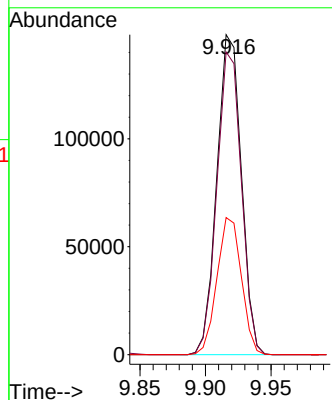
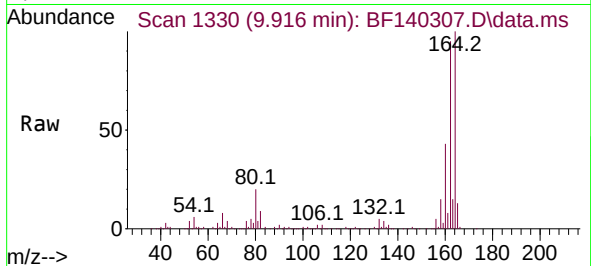




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

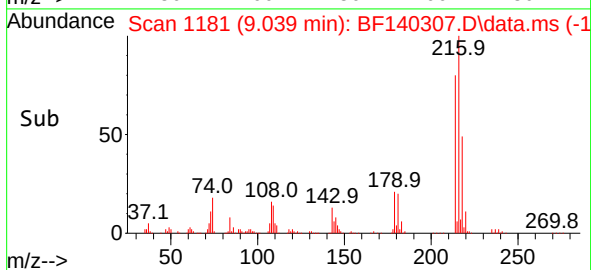
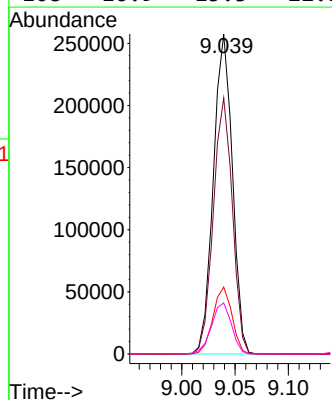
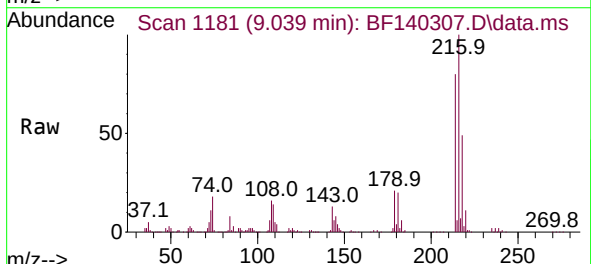
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

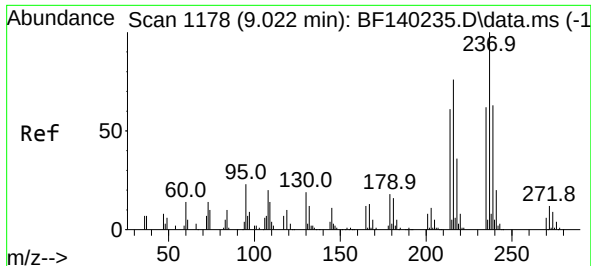
Tgt Ion:164 Resp: 192644
Ion Ratio Lower Upper
164 100
162 94.6 77.0 115.4
160 42.9 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.547 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:216 Resp: 318908
Ion Ratio Lower Upper
216 100
214 80.0 62.8 94.2
179 20.9 17.3 25.9
108 16.9 15.3 22.9

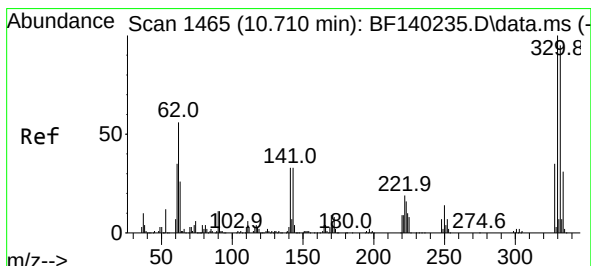
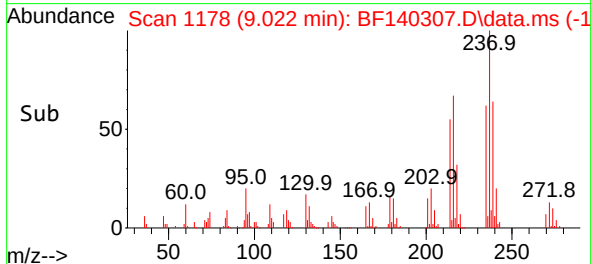
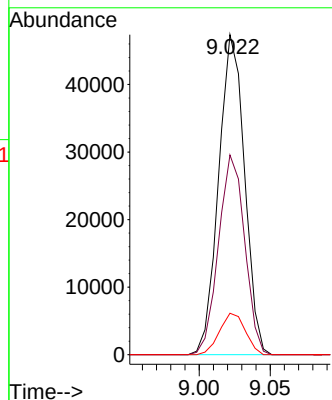
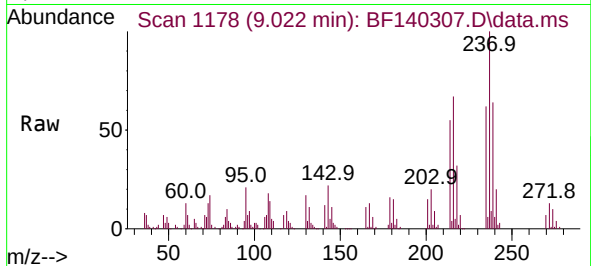




#41
Hexachlorocyclopentadiene
Concen: 38.015 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

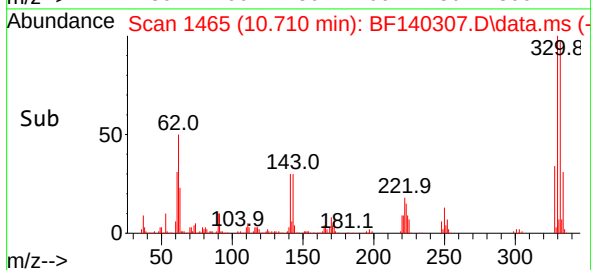
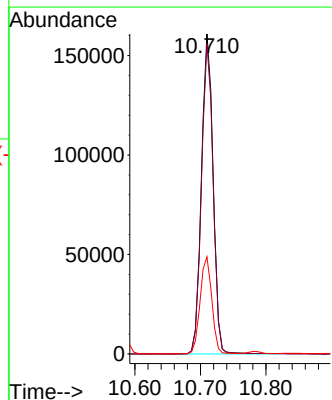
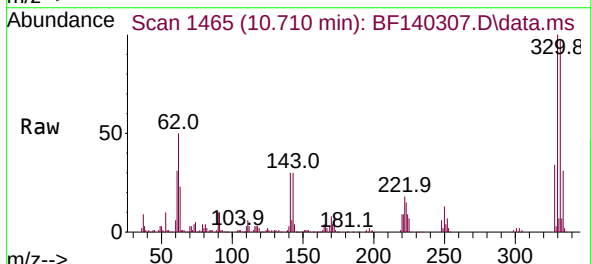
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

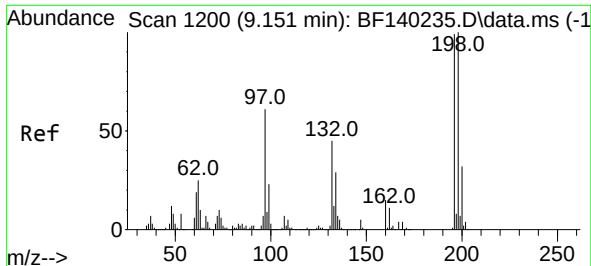
Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	41.8	81.8
272	13.0	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 104.646 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.4	114.6
141	30.7	27.0	40.4

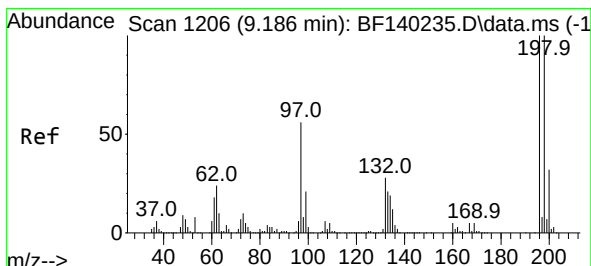
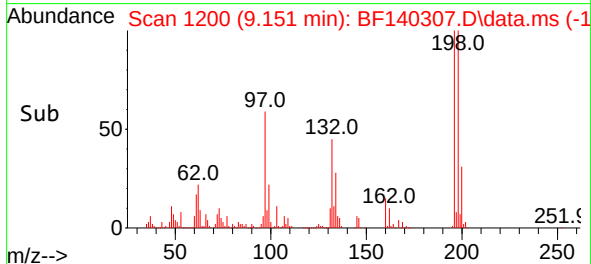
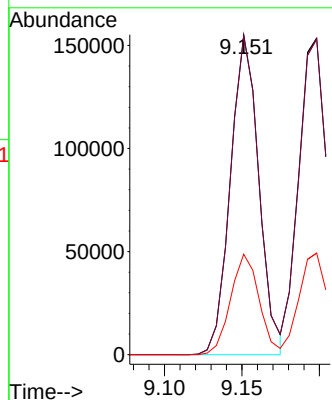
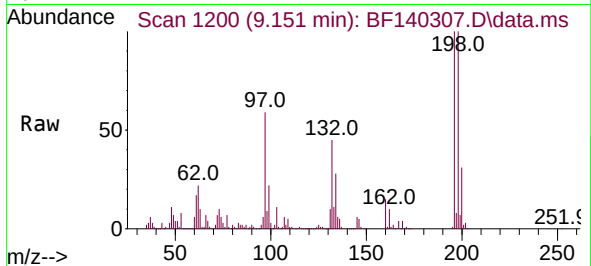




#43
2,4,6-Trichlorophenol
Concen: 56.607 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

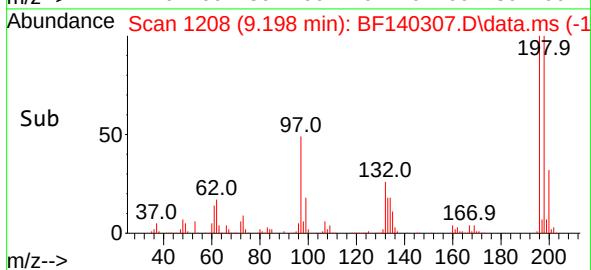
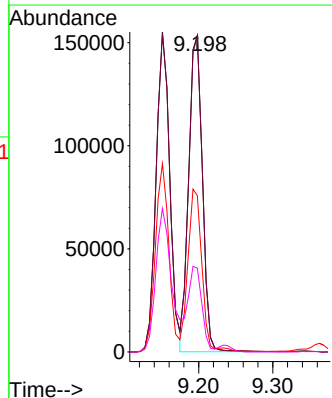
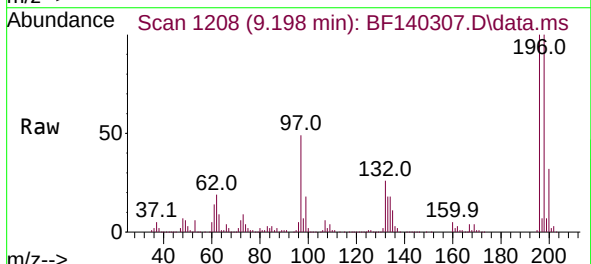
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

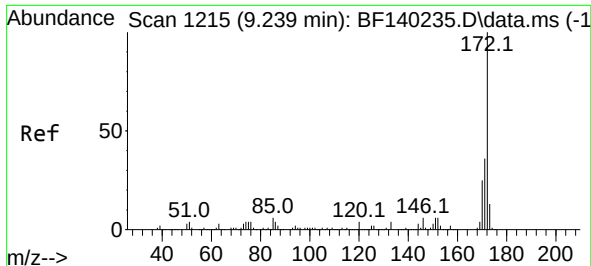
Tgt Ion:196 Resp: 197831
Ion Ratio Lower Upper
196 100
198 99.6 80.8 121.2
200 31.4 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 53.580 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:196 Resp: 196886
Ion Ratio Lower Upper
196 100
198 99.7 80.0 120.0
97 49.4 45.7 68.5
132 26.5 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 77.023 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

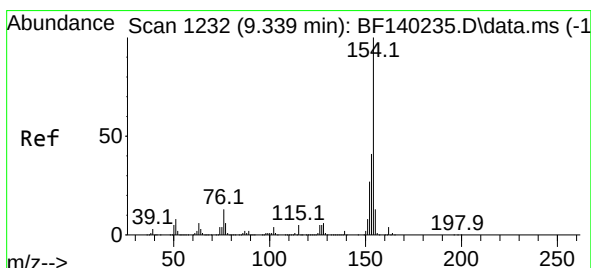
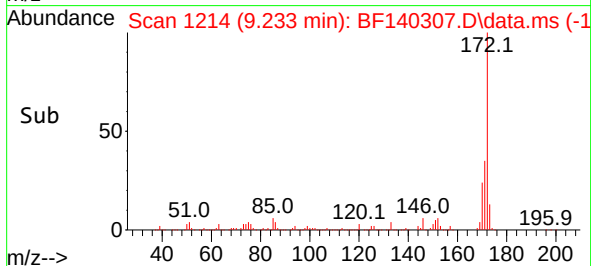
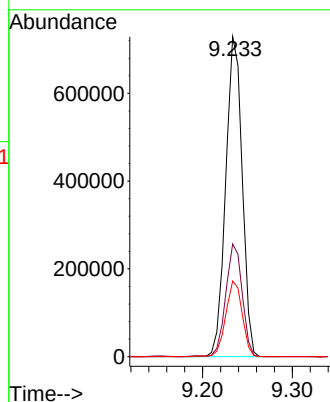
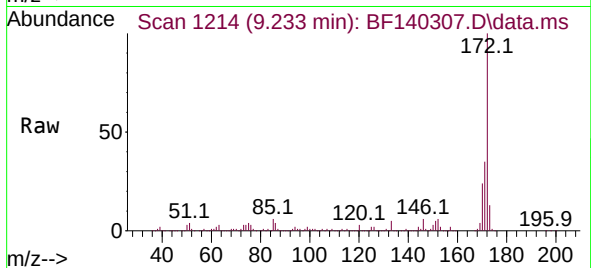
Tgt Ion:172 Resp: 929232

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.6 29.4



#46

1,1'-Biphenyl

Concen: 55.793 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

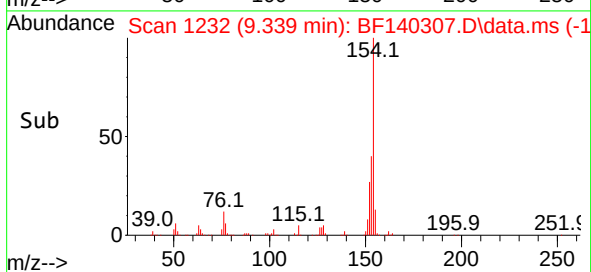
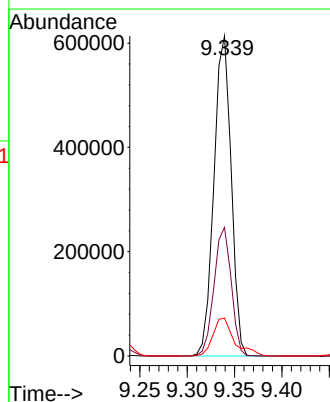
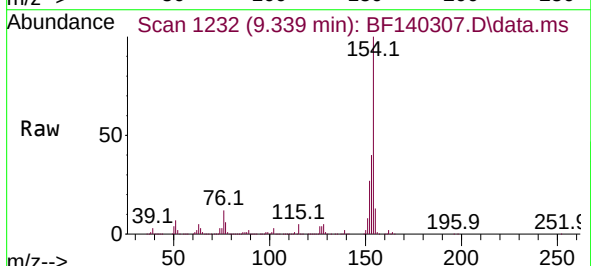
Tgt Ion:154 Resp: 776895

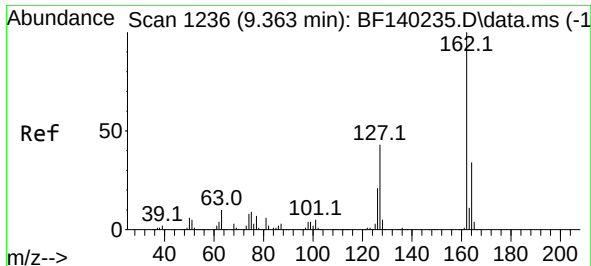
Ion Ratio Lower Upper

154 100

153 40.2 20.8 60.8

76 11.9 0.0 32.6

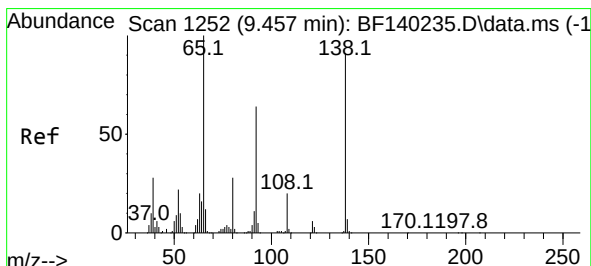
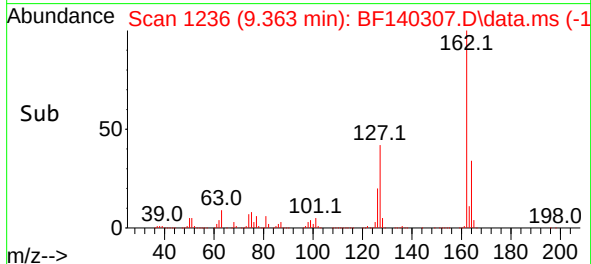
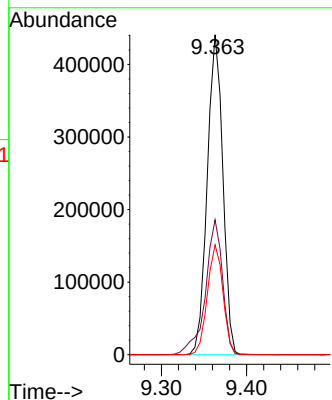
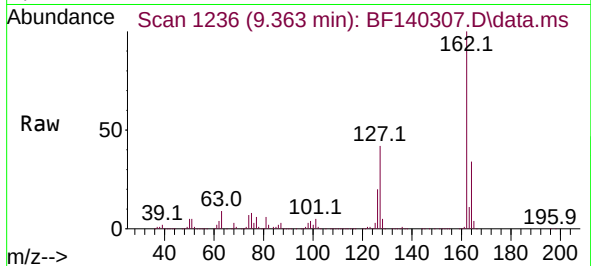




#47
2-Chloronaphthalene
Concen: 53.480 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

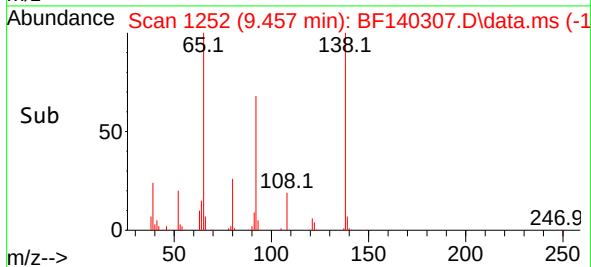
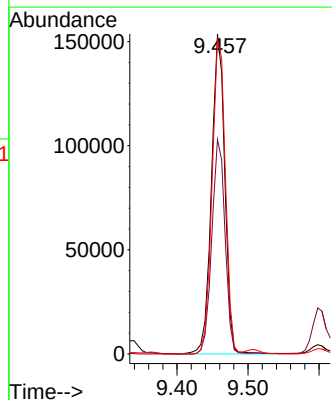
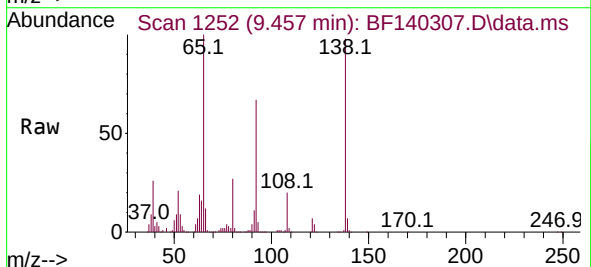
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

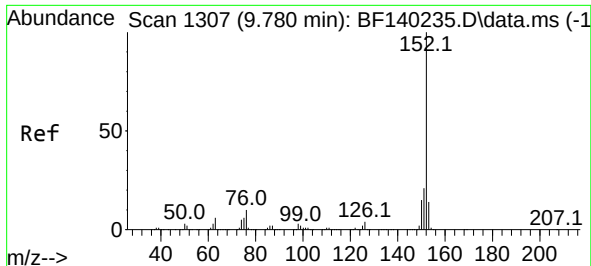
Tgt Ion:162 Resp: 560484
Ion Ratio Lower Upper
162 100
127 42.2 34.8 52.2
164 34.4 27.3 40.9



#48
2-Nitroaniline
Concen: 57.318 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion: 65 Resp: 200895
Ion Ratio Lower Upper
65 100
92 67.0 51.6 77.4
138 98.3 73.0 109.6

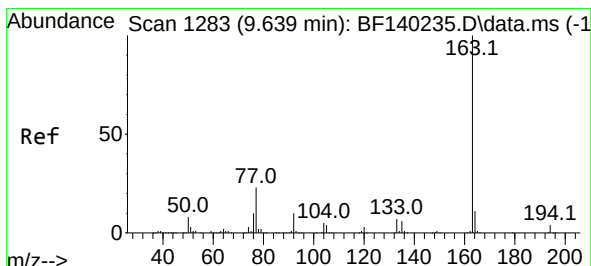
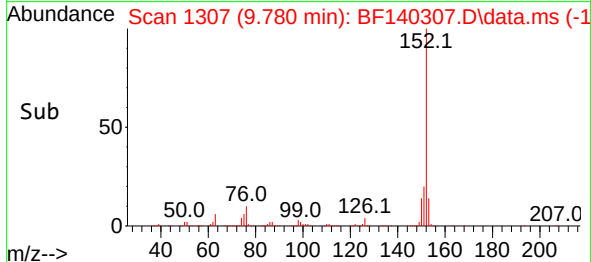
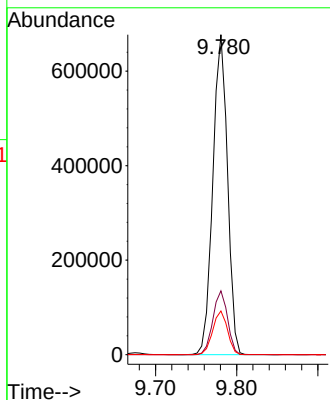
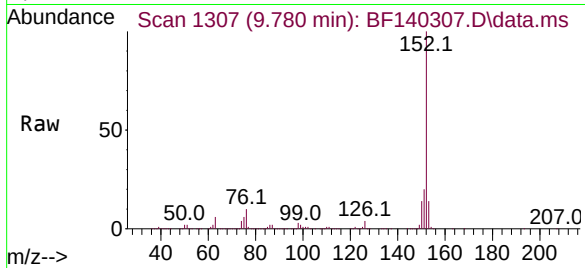




#49
Acenaphthylene
Concen: 57.220 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

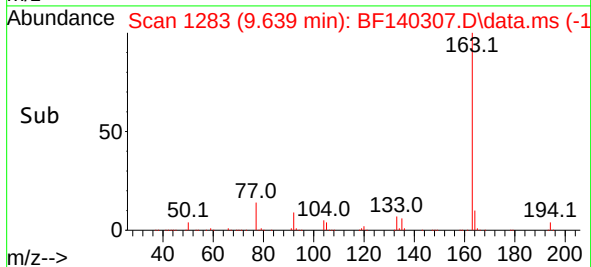
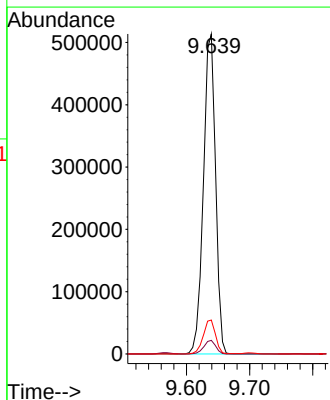
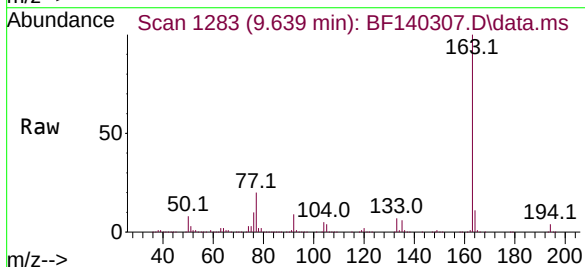
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

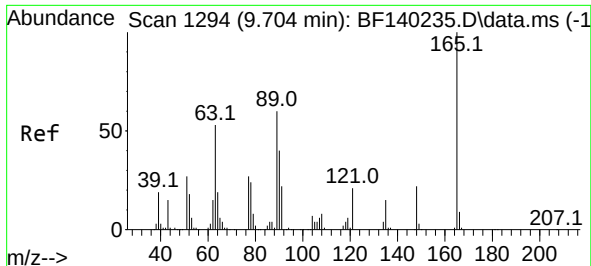
Tgt Ion:152 Resp: 849013
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.6 11.1 16.7



#50
Dimethylphthalate
Concen: 57.951 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:163 Resp: 687540
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 10.6 8.6 13.0

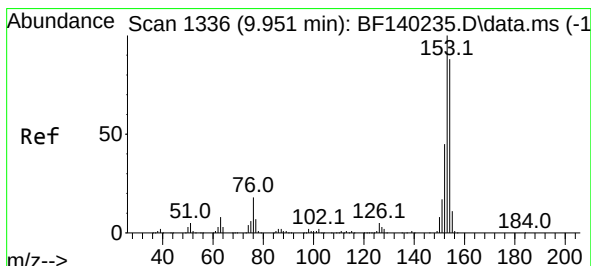
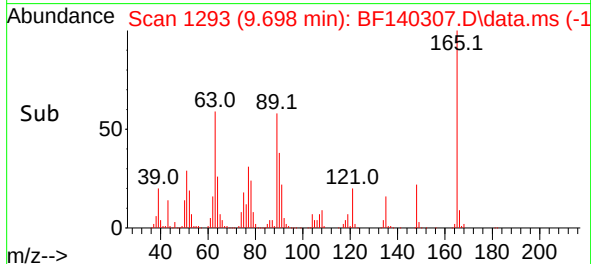
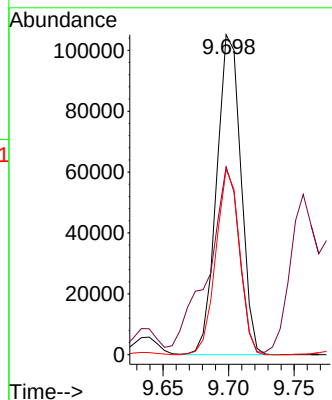
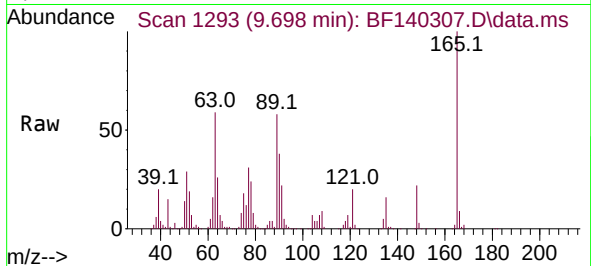




#51
2,6-Dinitrotoluene
Concen: 48.450 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

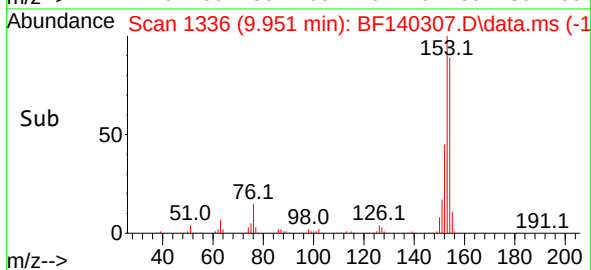
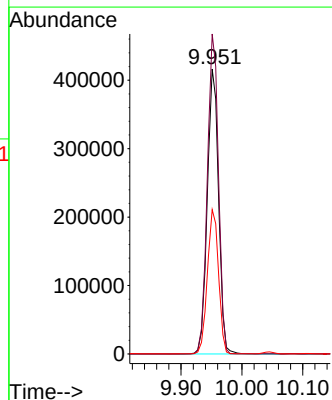
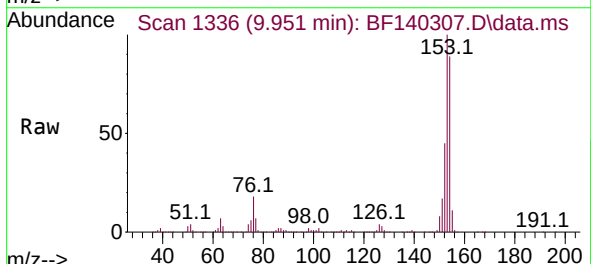
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

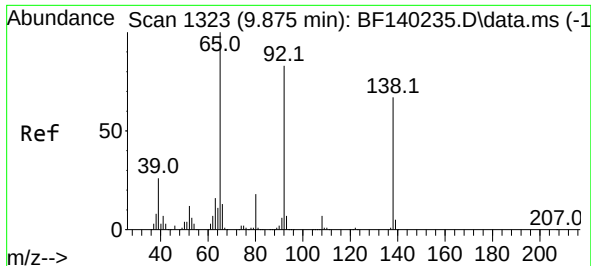
Tgt Ion:165 Resp: 135118
Ion Ratio Lower Upper
165 100
63 58.7 48.8 73.2
89 57.9 48.1 72.1



#52
Acenaphthene
Concen: 50.800 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:154 Resp: 534633
Ion Ratio Lower Upper
154 100
153 112.3 91.3 136.9
152 50.7 41.4 62.2

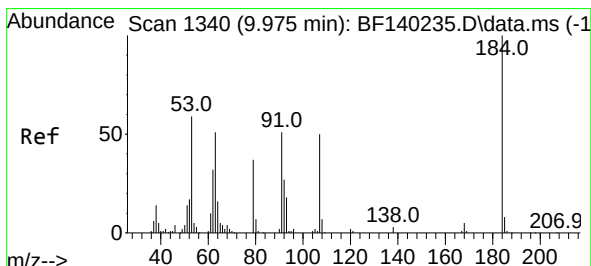
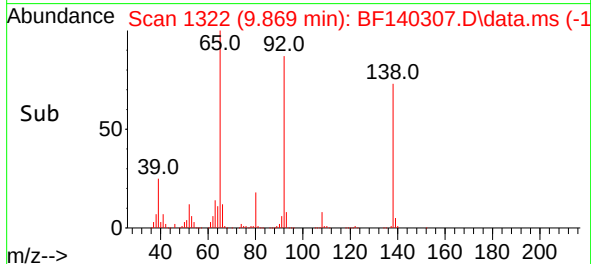
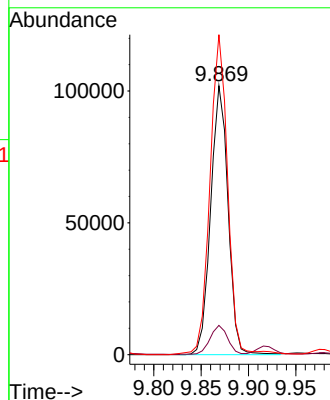
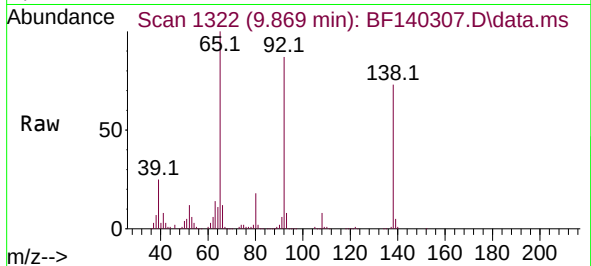




#53
3-Nitroaniline
Concen: 49.616 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

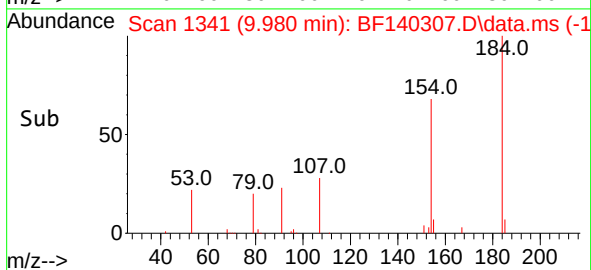
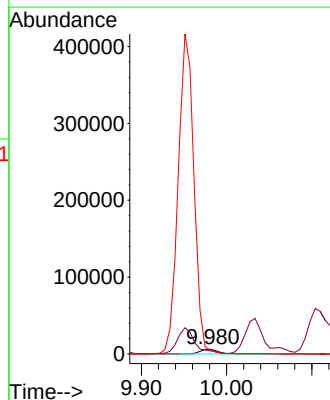
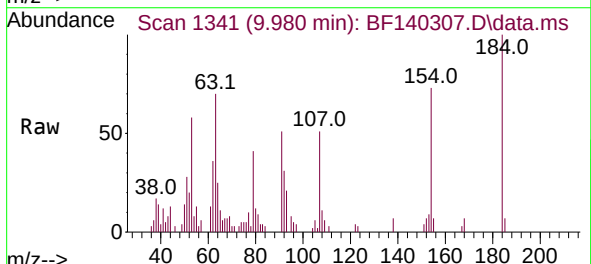
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

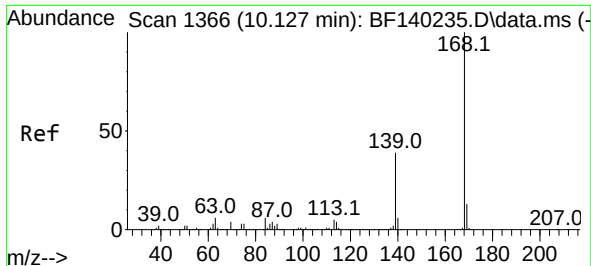
Tgt Ion:138 Resp: 130290
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 119.0 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 12.552 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:184 Resp: 9518
Ion Ratio Lower Upper
184 100
63 69.6 60.1 90.1
154 72.7 66.3 99.5

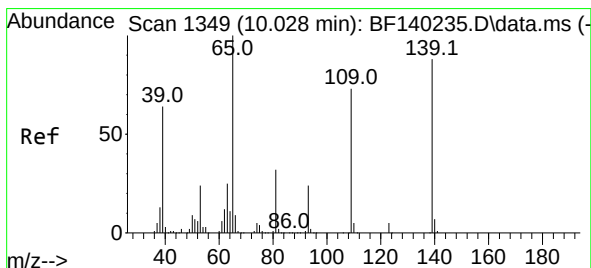
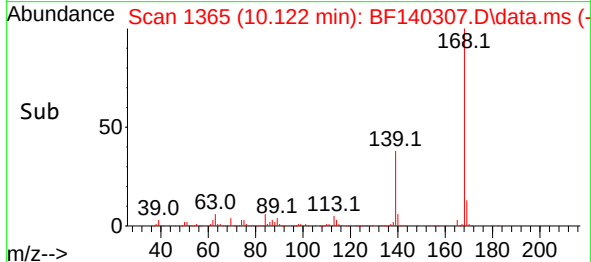
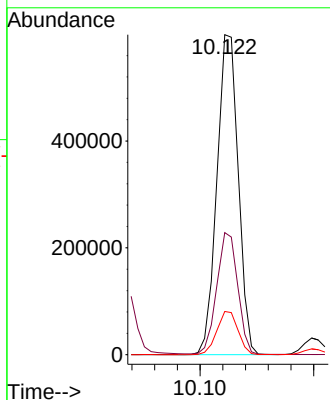
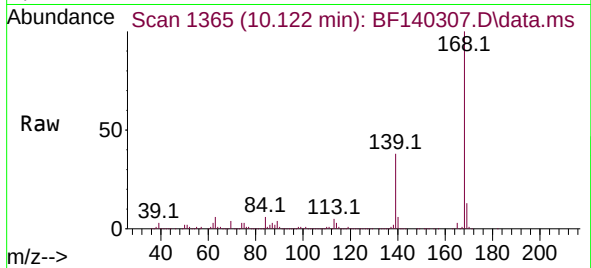




#55
Dibenzofuran
Concen: 53.177 ng
RT: 10.122 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

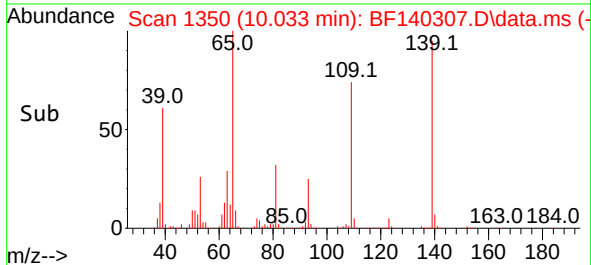
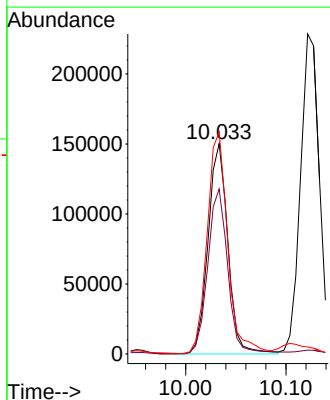
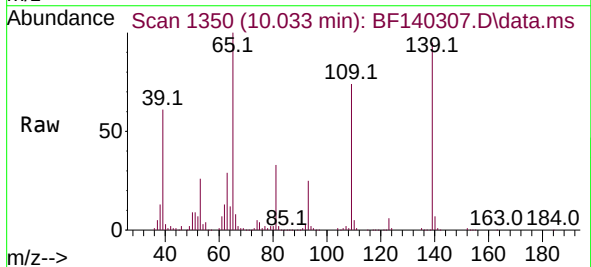
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

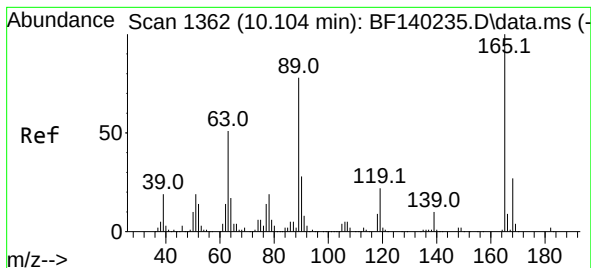
Tgt Ion:168 Resp: 782582
Ion Ratio Lower Upper
168 100
139 38.2 31.5 47.3
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 112.037 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:139 Resp: 206862
Ion Ratio Lower Upper
139 100
109 78.4 63.8 103.8
65 105.5 94.7 134.7



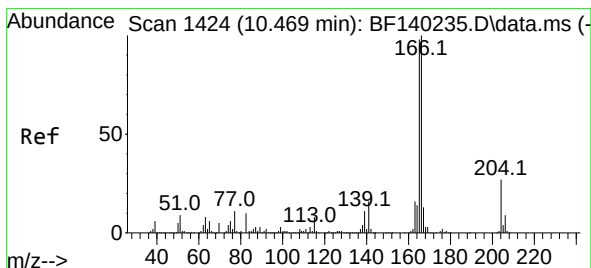
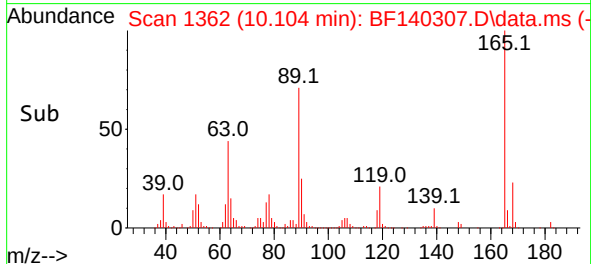
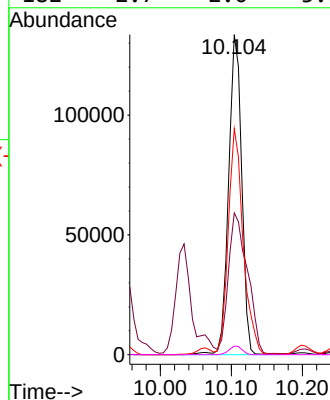
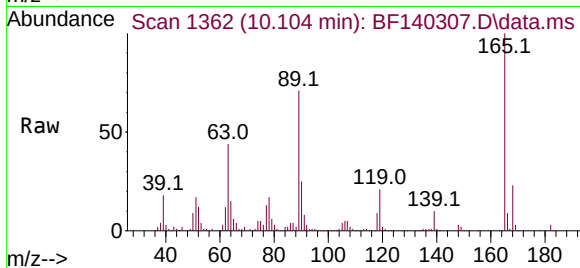


#57
2,4-Dinitrotoluene
Concen: 47.177 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Instrument :
BNA_F
ClientSampleId :
BP-B4MS

Tgt Ion:165 Resp: 170730

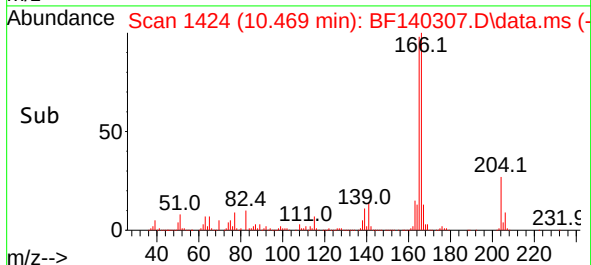
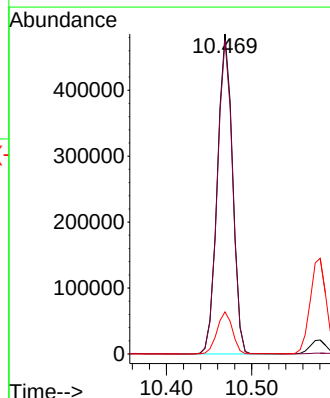
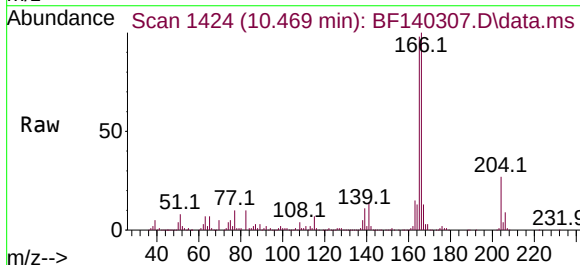
Ion	Ratio	Lower	Upper
165	100		
63	44.3	41.3	61.9
89	70.6	62.6	94.0
182	2.7	2.0	3.0

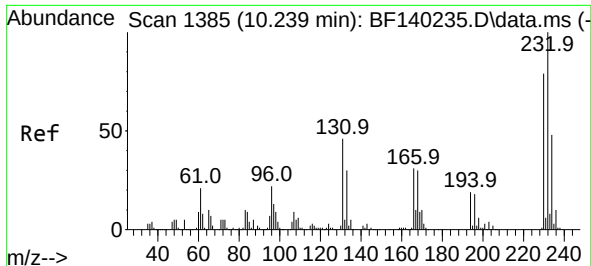


#58
Fluorene
Concen: 51.357 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:166 Resp: 601628

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.7	118.1
167	13.2	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.338 ng

RT: 10.245 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

Tgt Ion:232 Resp: 166582

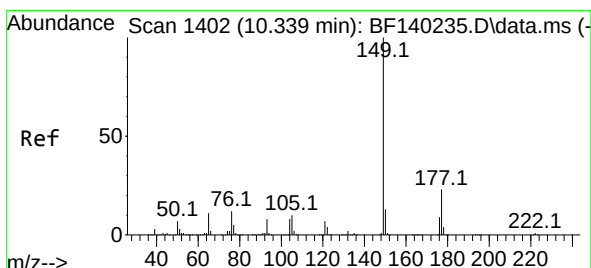
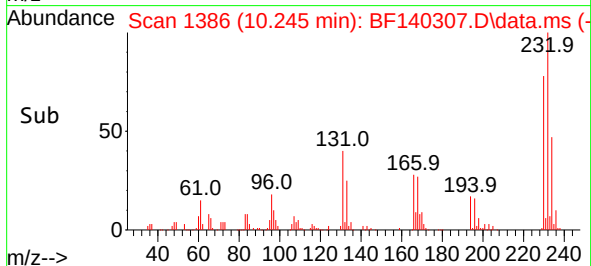
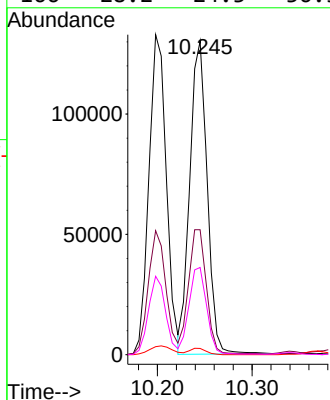
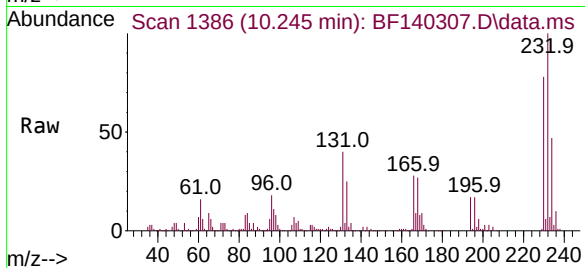
Ion Ratio Lower Upper

232 100

131 41.6 37.2 55.8

130 2.0 1.8 2.8

166 28.2 24.3 36.5



#60

Diethylphthalate

Concen: 53.696 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

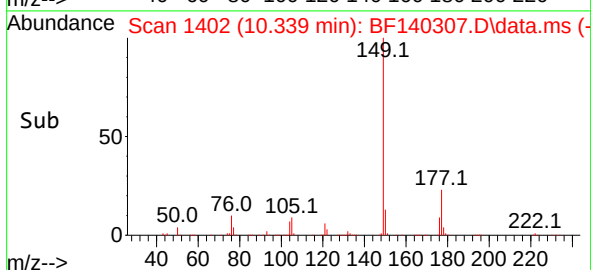
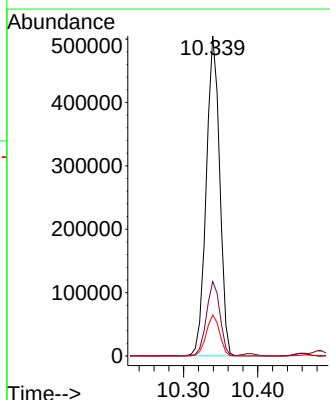
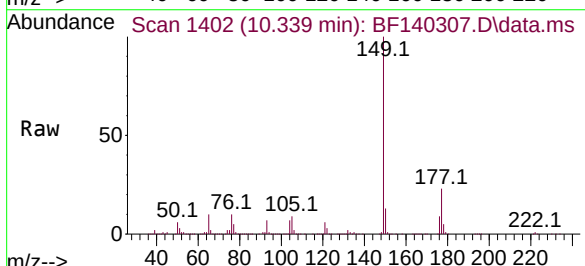
Tgt Ion:149 Resp: 633066

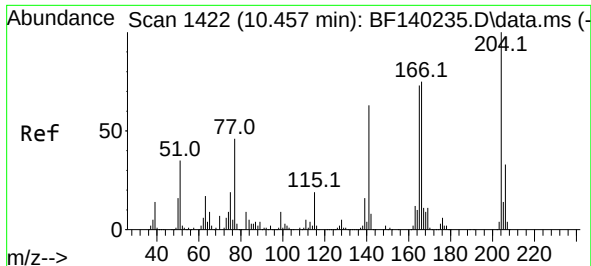
Ion Ratio Lower Upper

149 100

177 23.2 18.1 27.1

150 12.8 10.2 15.4

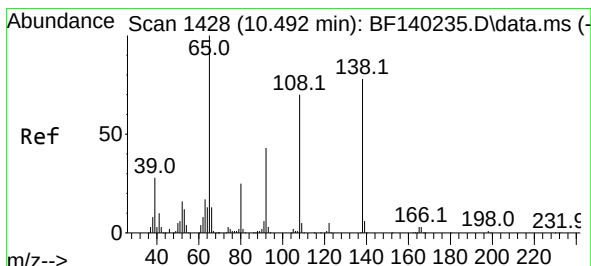
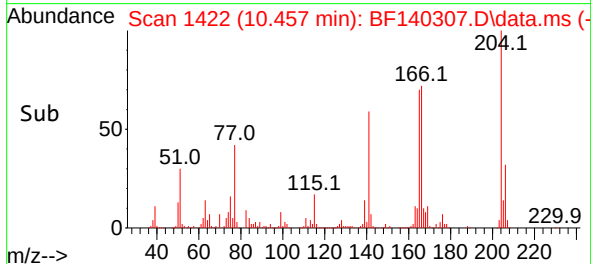
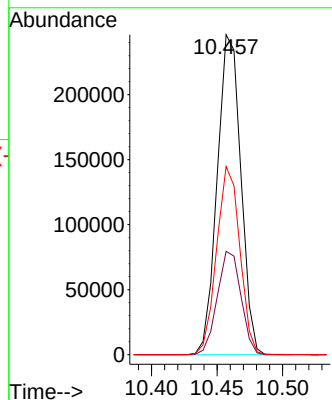
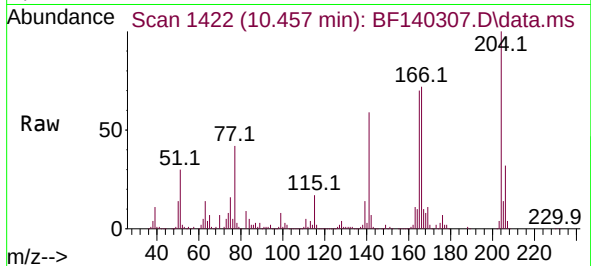




#61
4-Chlorophenyl-phenylether
Concen: 52.137 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

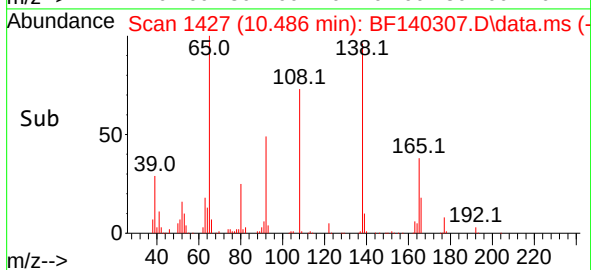
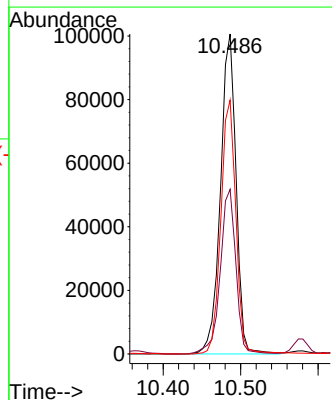
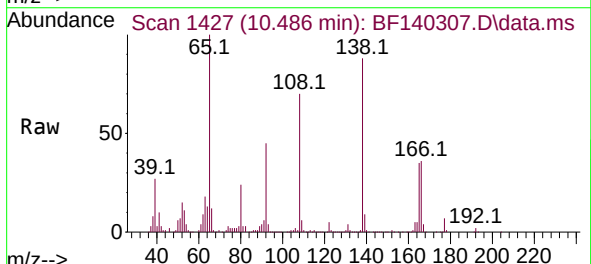
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

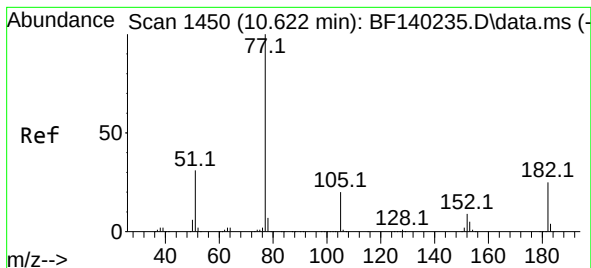
Tgt Ion:204 Resp: 307818
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.4
141 58.8 50.3 75.5



#62
4-Nitroaniline
Concen: 53.939 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:138 Resp: 140757
Ion Ratio Lower Upper
138 100
92 51.5 35.3 75.3
108 79.3 70.1 110.1





#63

Azobenzene

Concen: 53.599 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

Tgt Ion: 77 Resp: 655078

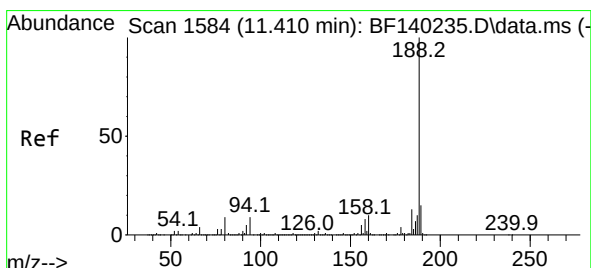
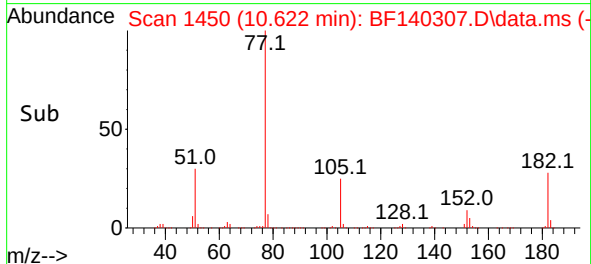
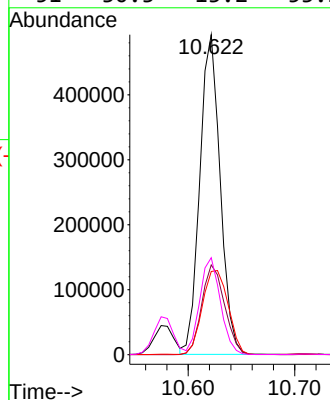
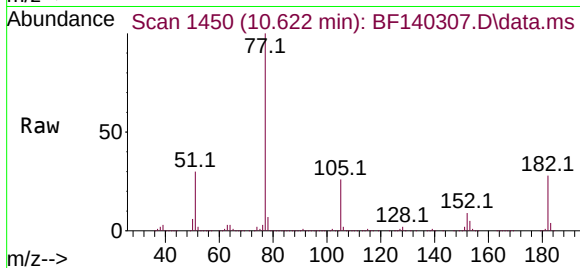
Ion Ratio Lower Upper

77 100

182 28.1 4.7 44.7

105 26.0 0.0 40.0

51 30.3 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

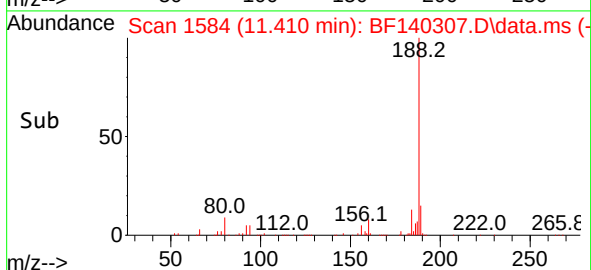
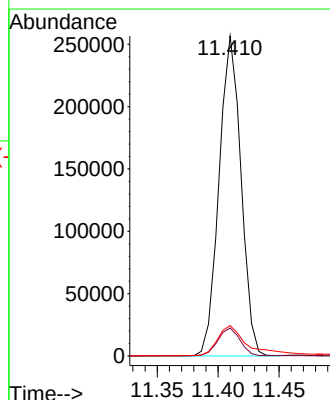
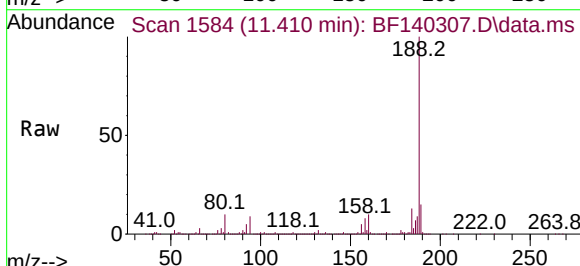
Tgt Ion:188 Resp: 322020

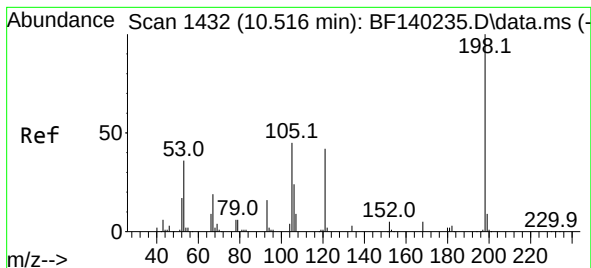
Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 9.5 7.5 11.3

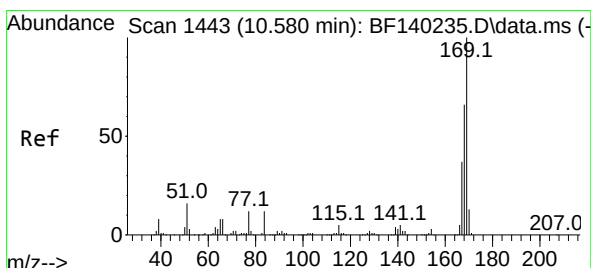
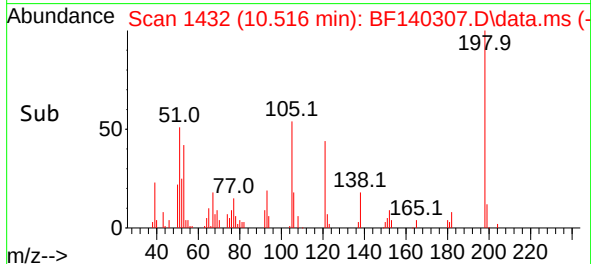
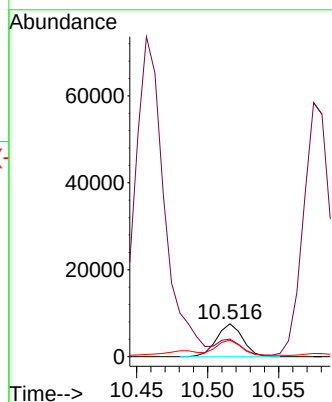
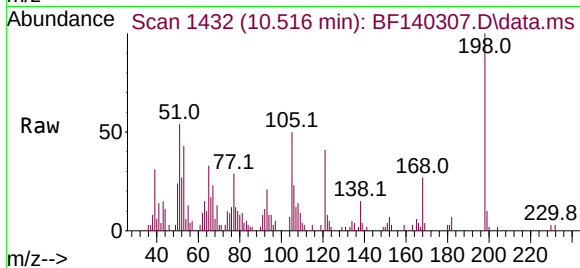




#65
4,6-Dinitro-2-methylphenol
Concen: 5.660 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

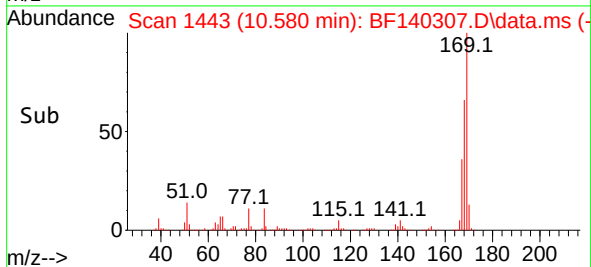
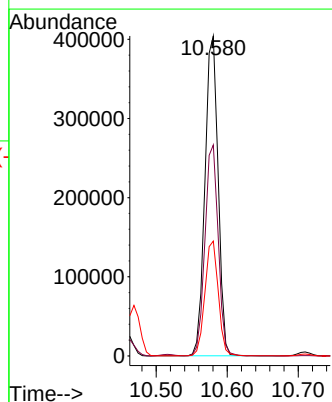
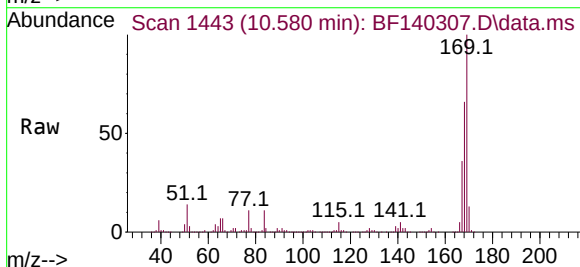
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

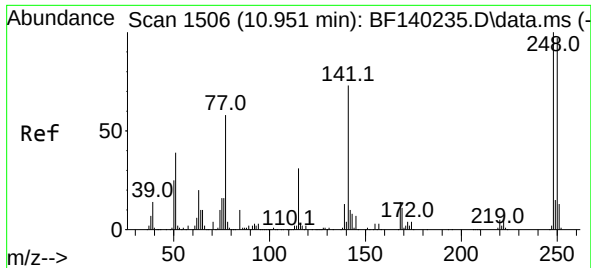
Tgt Ion:198 Resp: 9573
Ion Ratio Lower Upper
198 100
51 53.5 34.0 74.0
105 50.1 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 56.232 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:169 Resp: 520814
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 35.9 29.4 44.2

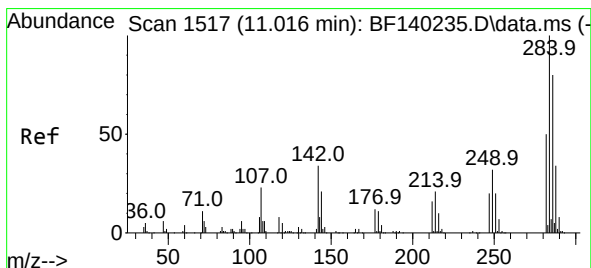
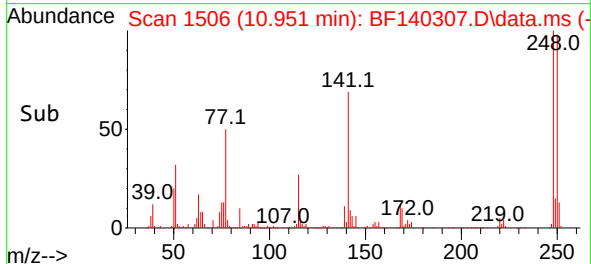
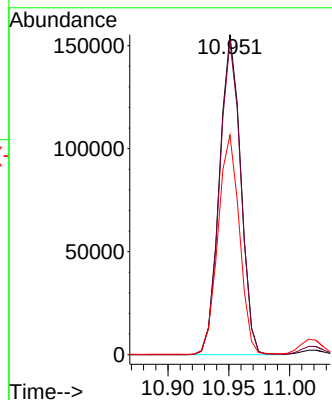
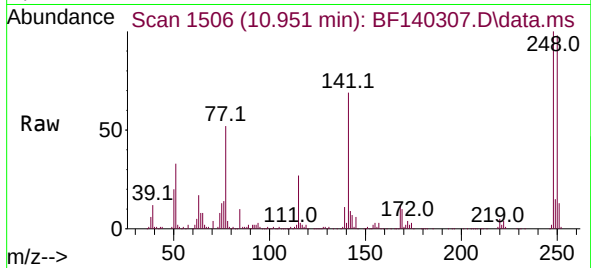




#67
4-Bromophenyl-phenylether
Concen: 54.475 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

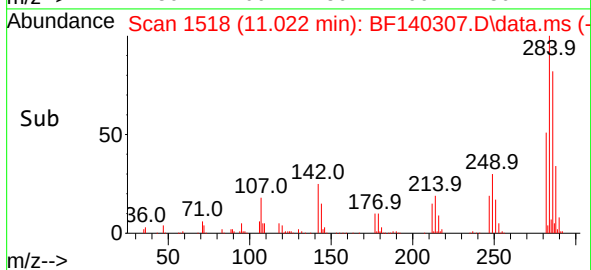
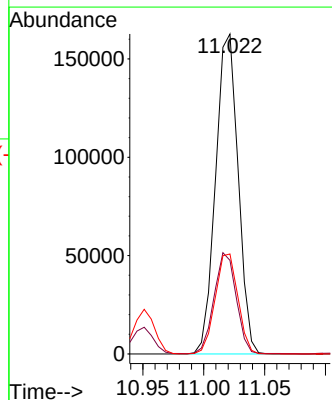
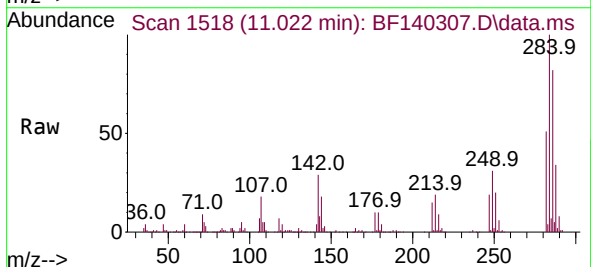
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

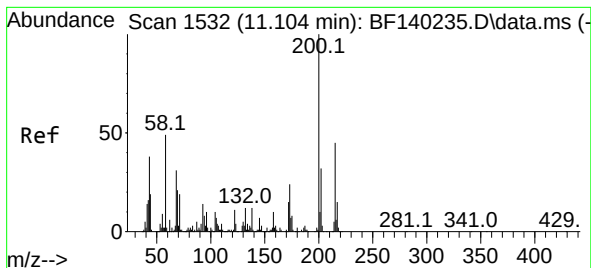
Tgt Ion:248 Resp: 188900
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 68.6 58.6 88.0



#68
Hexachlorobenzene
Concen: 53.040 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:284 Resp: 209647
Ion Ratio Lower Upper
284 100
142 29.3 27.5 41.3
249 31.2 26.2 39.2





#69

Atrazine

Concen: 70.641 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

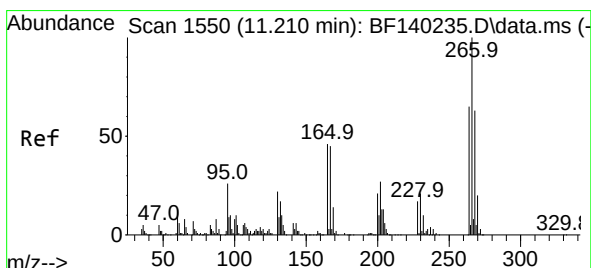
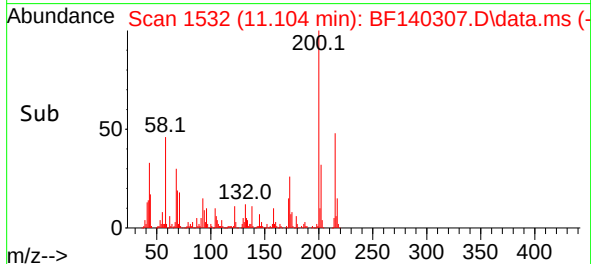
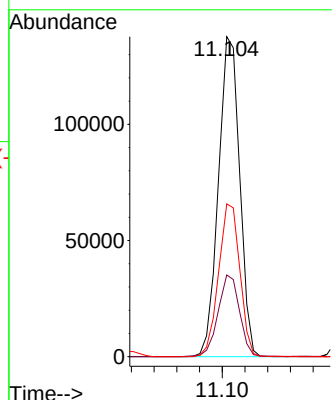
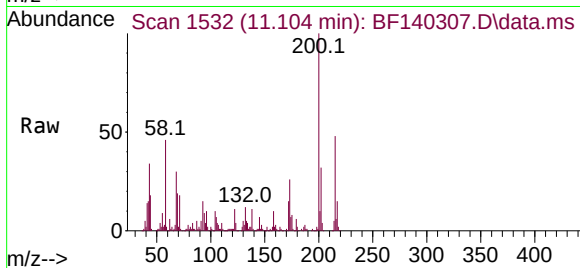
Tgt Ion:200 Resp: 179001

Ion Ratio Lower Upper

200 100

173 25.5 4.4 44.4

215 47.7 25.2 65.2



#70

Pentachlorophenol

Concen: 116.758 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

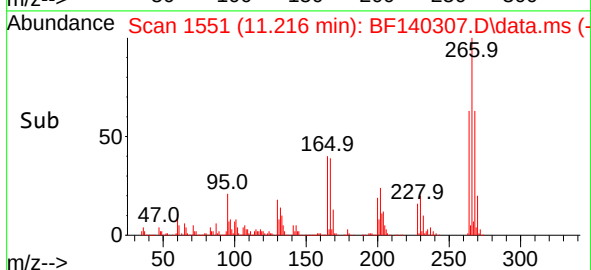
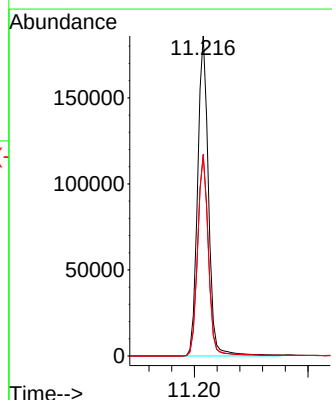
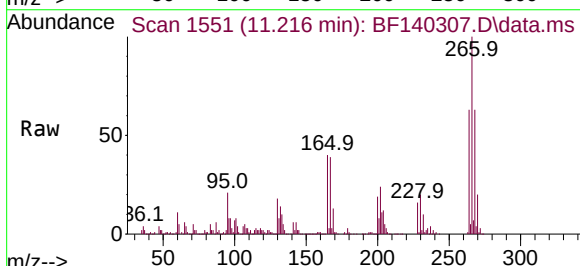
Tgt Ion:266 Resp: 247814

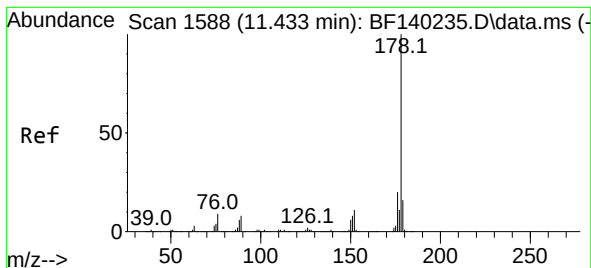
Ion Ratio Lower Upper

266 100

268 63.0 50.2 75.4

264 62.6 52.2 78.4





#71

Phenanthrene

Concen: 56.491 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

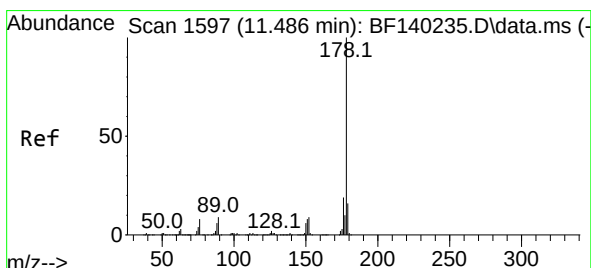
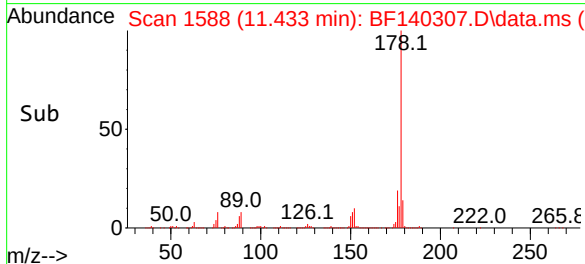
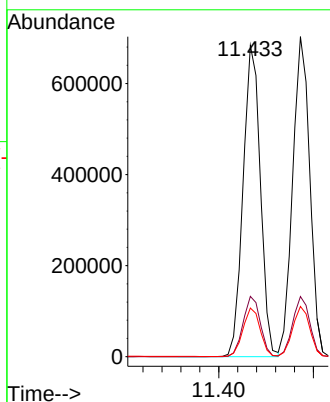
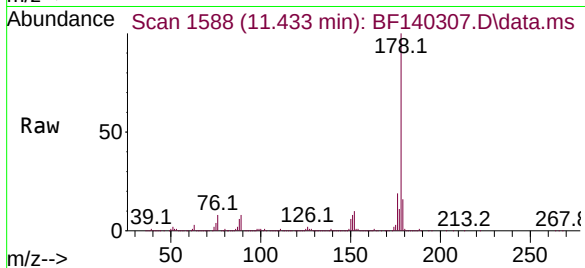
Tgt Ion:178 Resp: 868140

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

179 15.7 12.6 18.8



#72

Anthracene

Concen: 58.454 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

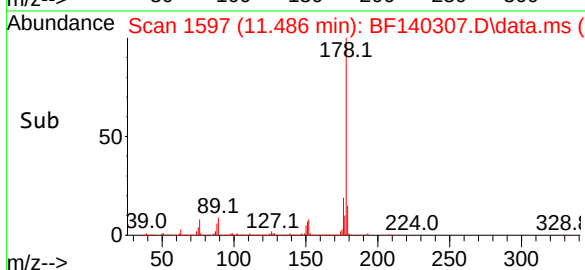
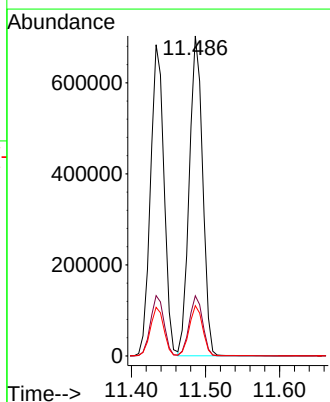
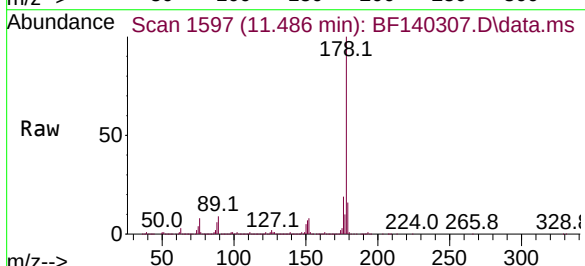
Tgt Ion:178 Resp: 880857

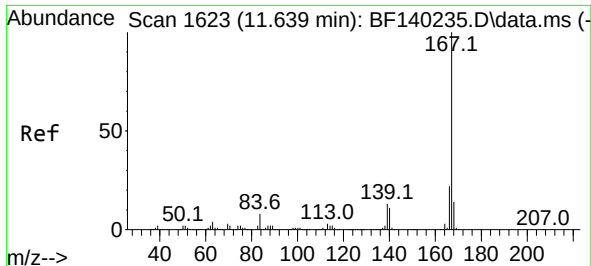
Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

179 15.7 12.7 19.1

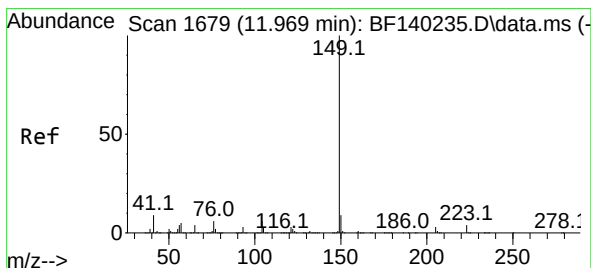
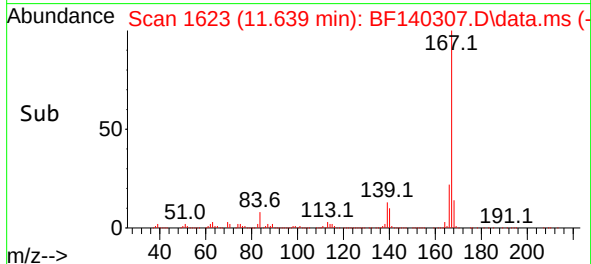
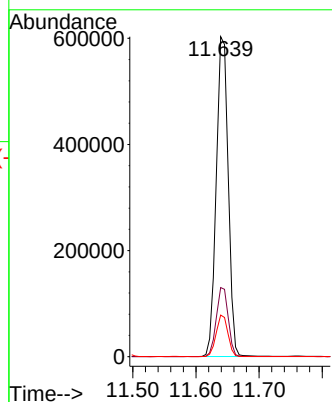
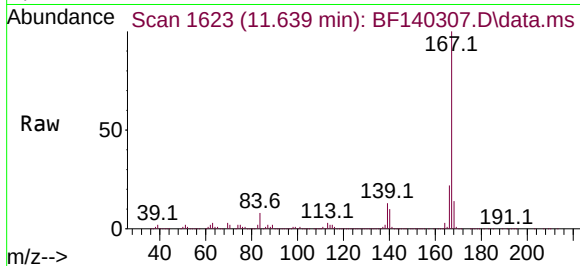




#73
 Carbazole
 Concen: 57.570 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140307.D
 Acq: 08 Nov 2024 18:55

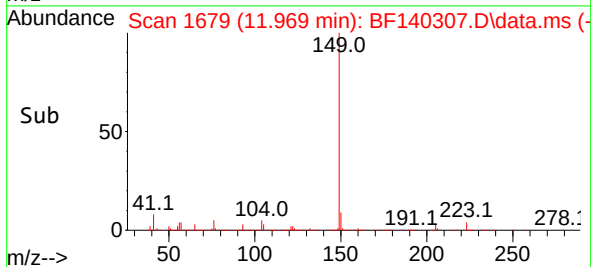
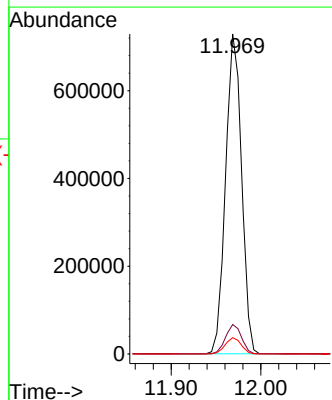
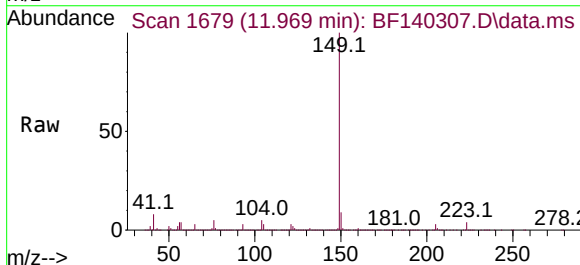
Instrument :
 BNA_F
 ClientSampleId :
 BP-B4MS

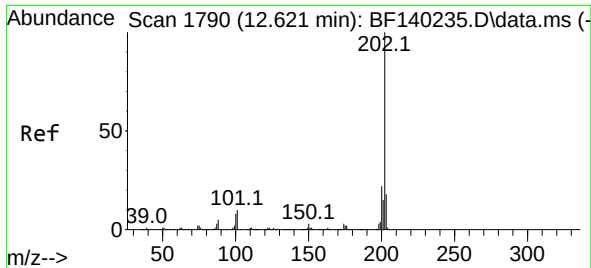
Tgt Ion:167 Resp: 792694
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.0 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 55.232 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. 0.000 min
 Lab File: BF140307.D
 Acq: 08 Nov 2024 18:55

Tgt Ion:149 Resp: 900216
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 4.5 6.7

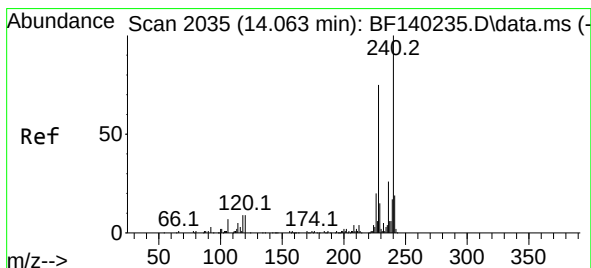
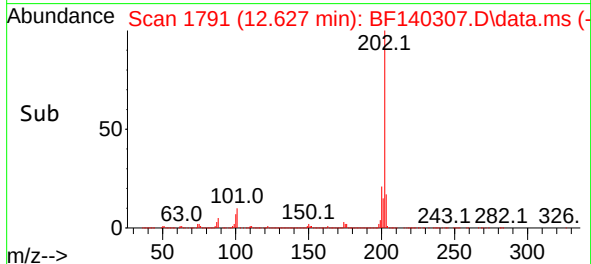
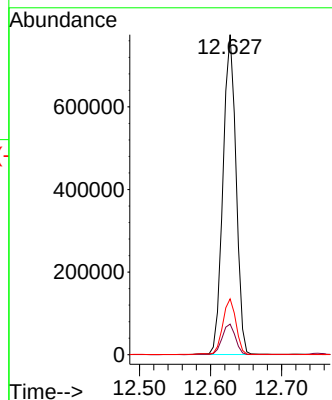
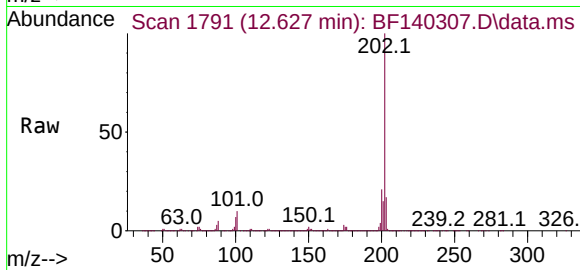




#75
Fluoranthene
Concen: 61.239 ng
RT: 12.627 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

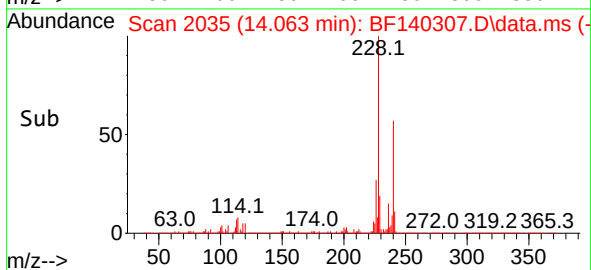
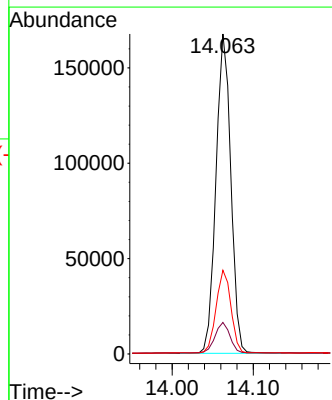
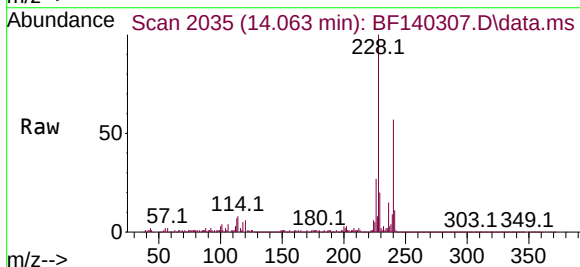
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

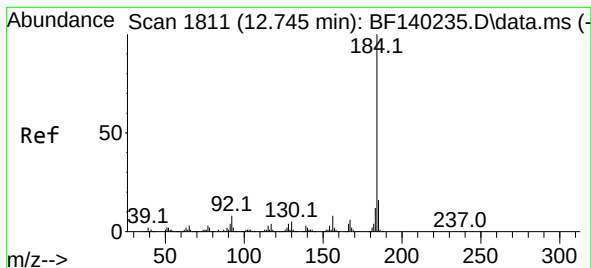
Tgt Ion:202 Resp: 984068
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:240 Resp: 212503
Ion Ratio Lower Upper
240 100
120 9.9 7.5 11.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 143.695 ng

RT: 12.751 min Scan# 1811

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

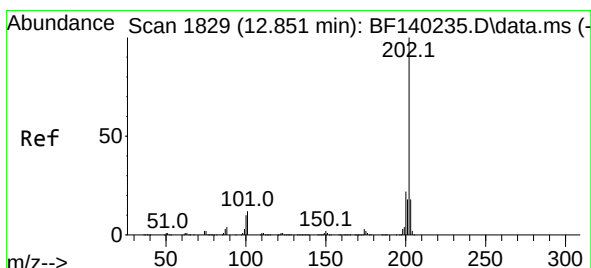
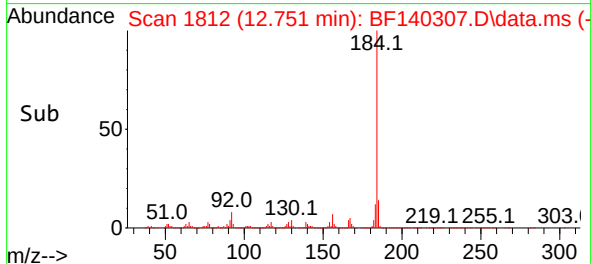
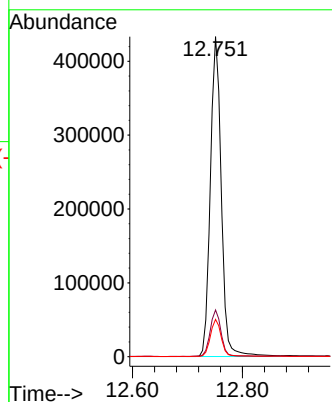
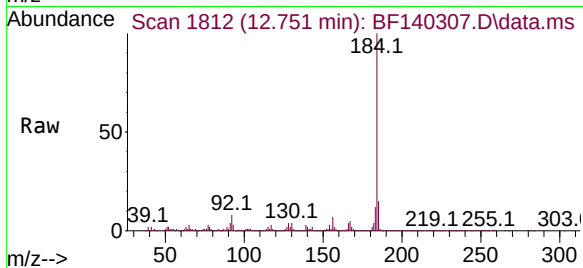
Tgt Ion:184 Resp: 597025

Ion Ratio Lower Upper

184 100

185 14.6 12.5 18.7

183 11.6 9.3 13.9



#78

Pyrene

Concen: 57.370 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

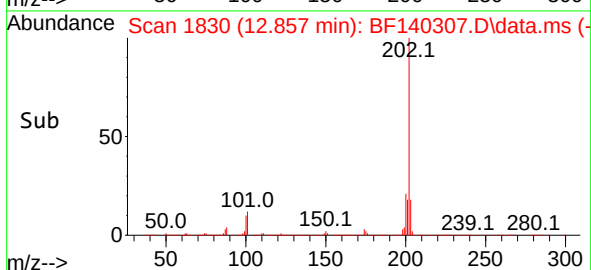
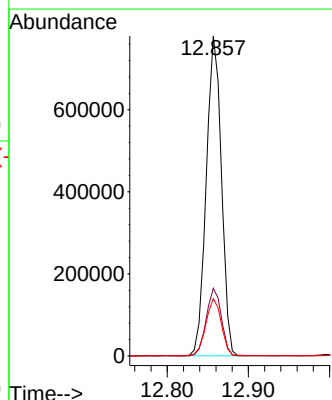
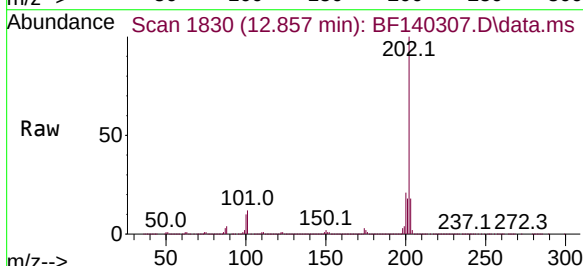
Tgt Ion:202 Resp: 1006606

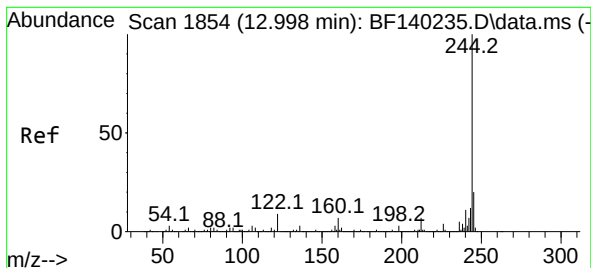
Ion Ratio Lower Upper

202 100

200 21.2 17.5 26.3

203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 75.538 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

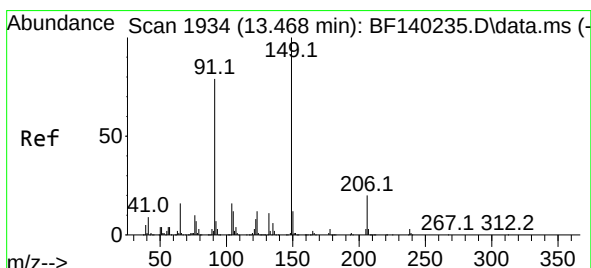
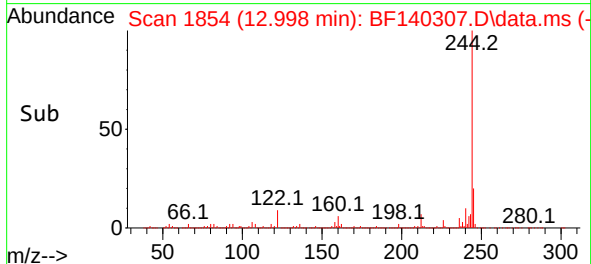
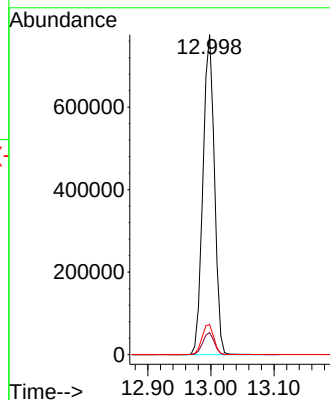
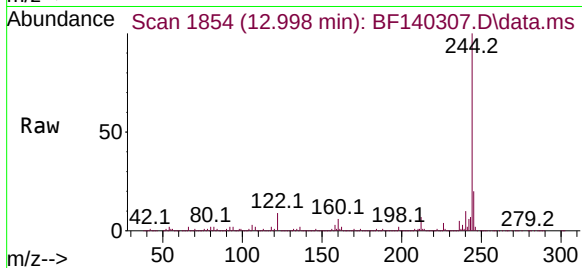
Tgt Ion:244 Resp: 979899

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.4 7.6 11.4



#80

Butylbenzylphthalate

Concen: 60.111 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

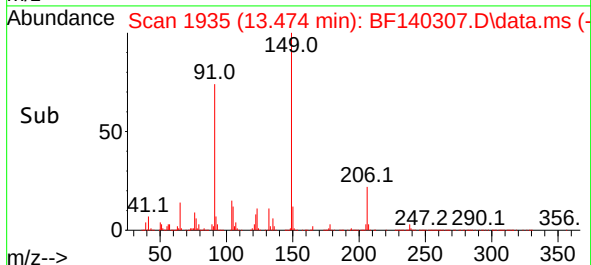
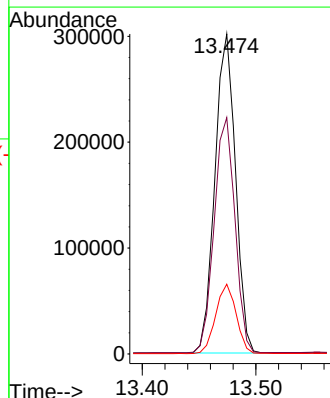
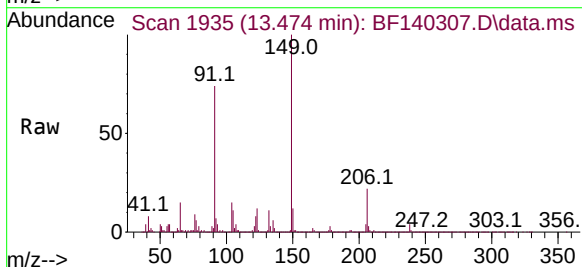
Tgt Ion:149 Resp: 379776

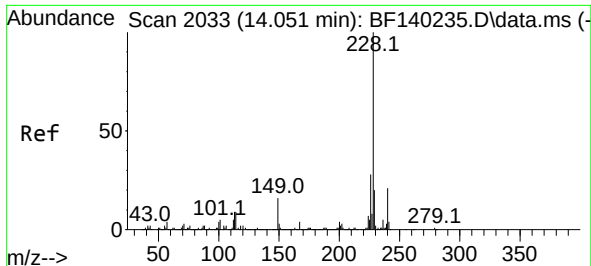
Ion Ratio Lower Upper

149 100

91 73.8 63.0 94.4

206 21.8 16.4 24.6

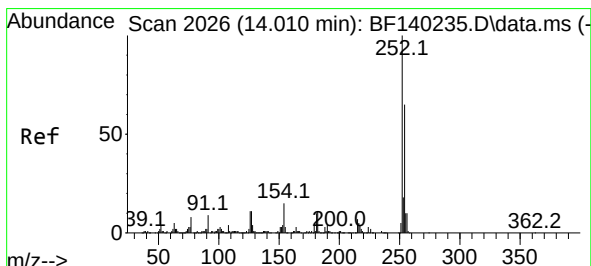
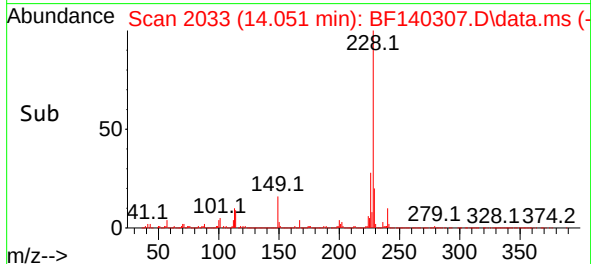
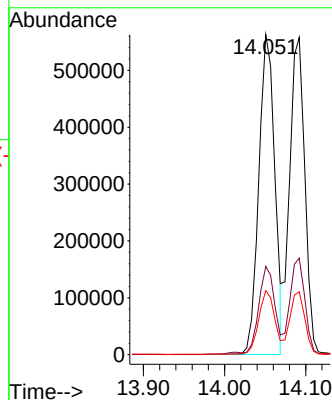
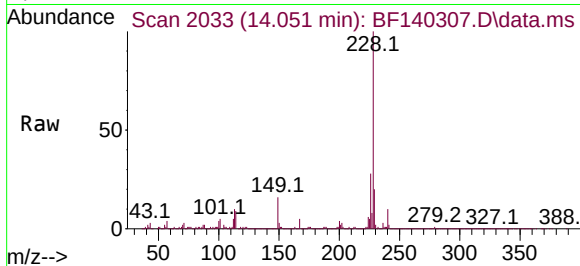




#81
Benzo(a)anthracene
Concen: 56.368 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

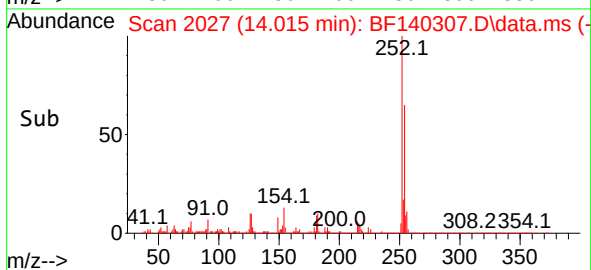
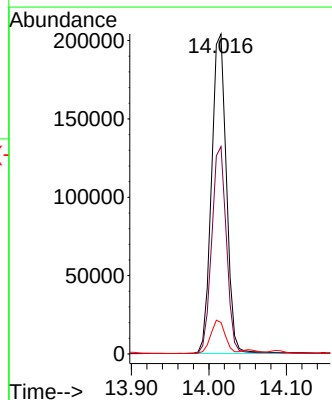
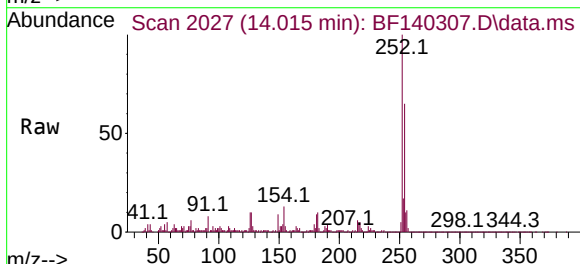
Instrument :
BNA_F
ClientSampleId :
BP-B4MS

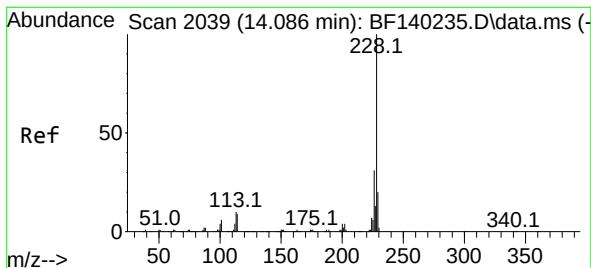
Tgt Ion:228 Resp: 768717
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 63.489 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF140307.D
Acq: 08 Nov 2024 18:55

Tgt Ion:252 Resp: 271899
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 9.8 8.6 12.8





#83

Chrysene

Concen: 56.452 ng

RT: 14.092 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

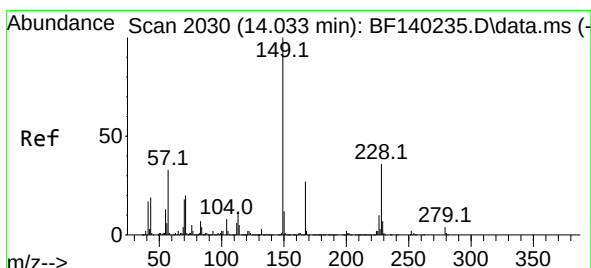
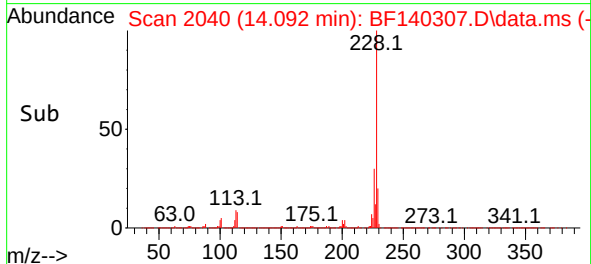
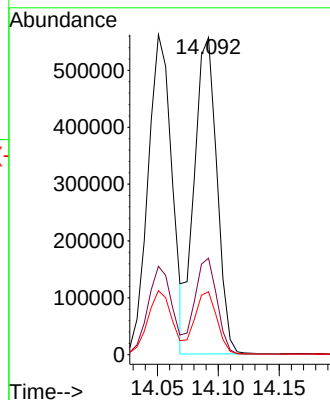
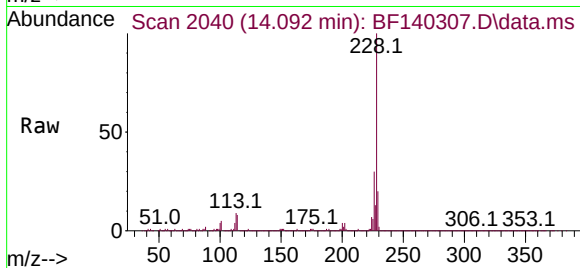
Tgt Ion:228 Resp: 720941

Ion Ratio Lower Upper

228 100

226 30.4 24.6 36.8

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.838 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

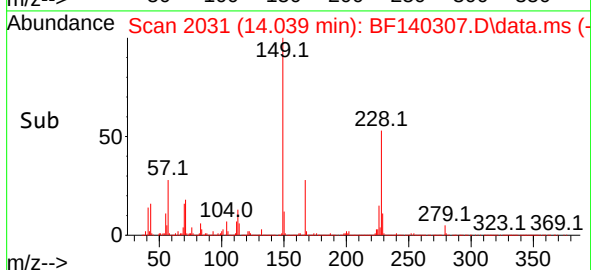
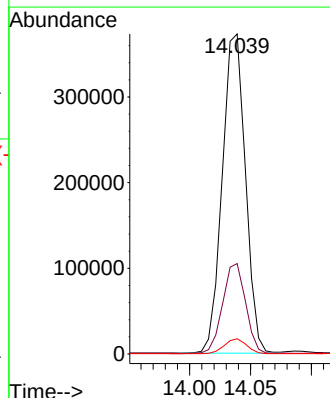
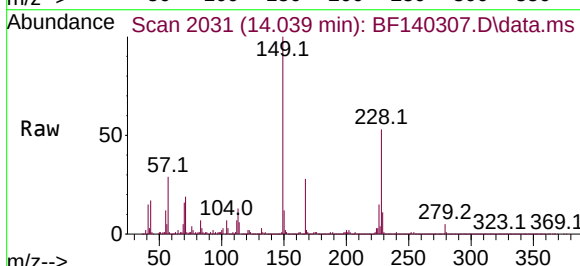
Tgt Ion:149 Resp: 494440

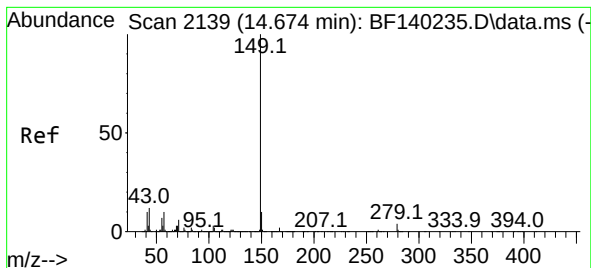
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.8

279 4.7 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.444 ng

RT: 14.668 min Scan# 2139

Delta R.T. -0.006 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

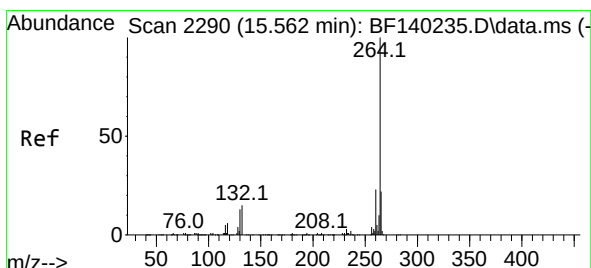
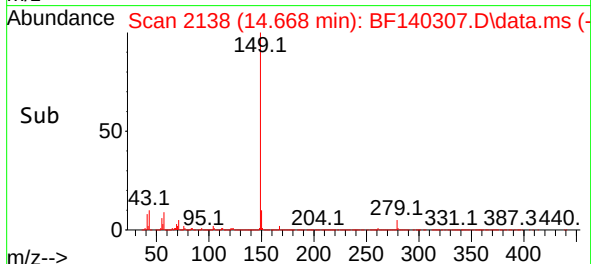
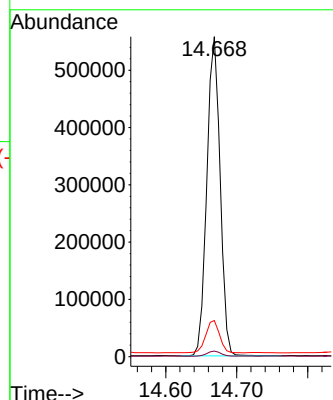
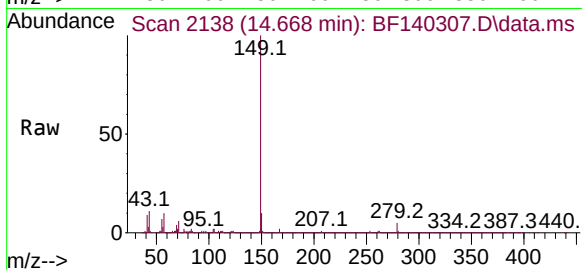
Tgt Ion:149 Resp: 725637

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.4 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

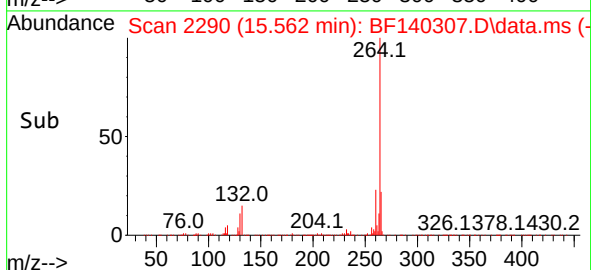
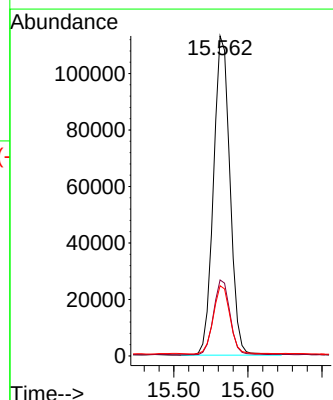
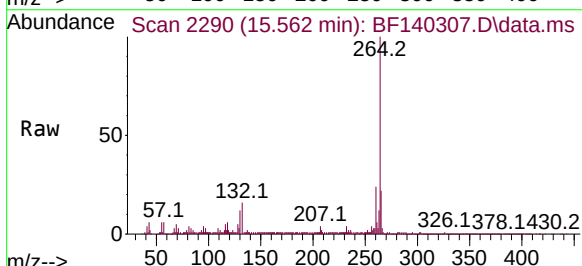
Tgt Ion:264 Resp: 174450

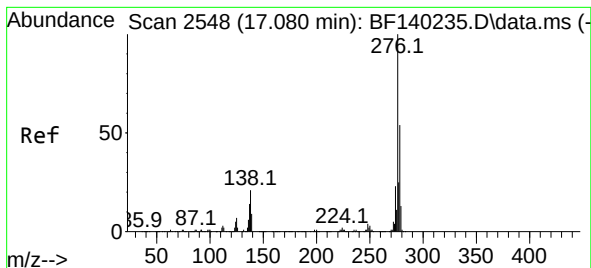
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 56.153 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

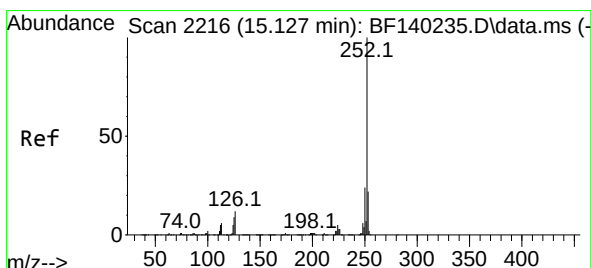
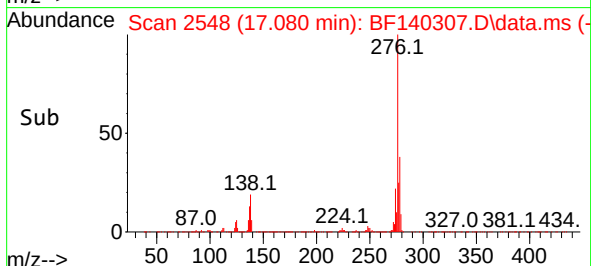
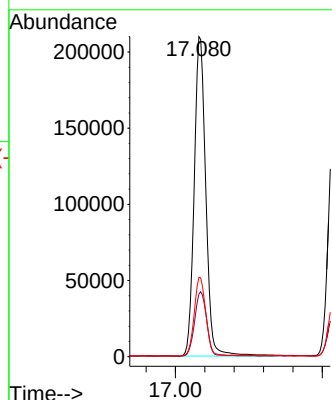
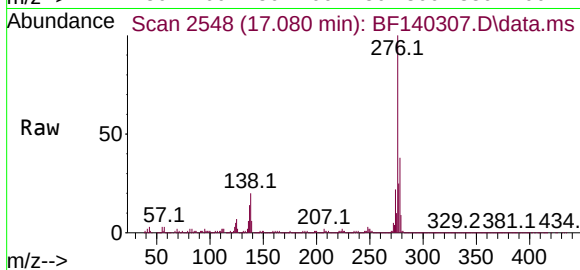
Tgt Ion:276 Resp: 575017

Ion Ratio Lower Upper

276 100

138 20.7 17.6 26.4

277 24.8 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 53.842 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

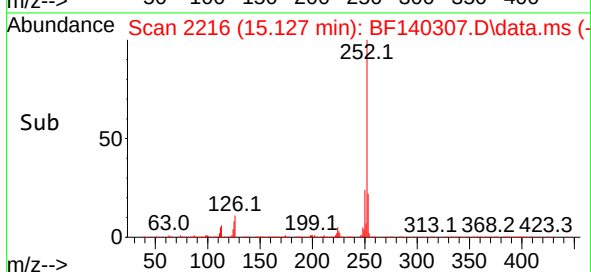
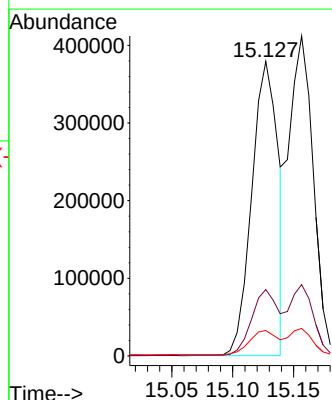
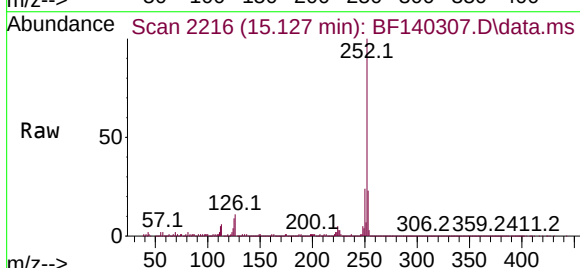
Tgt Ion:252 Resp: 568141

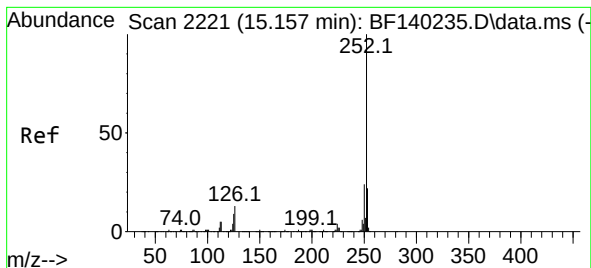
Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 58.420 ng

RT: 15.157 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

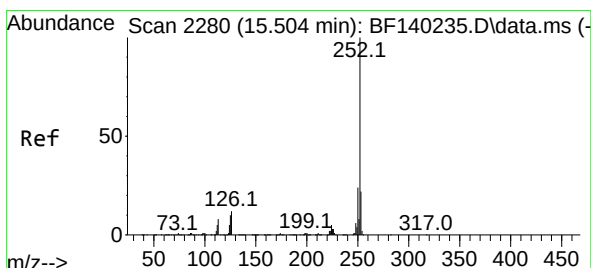
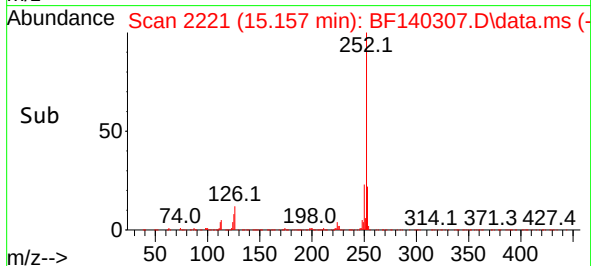
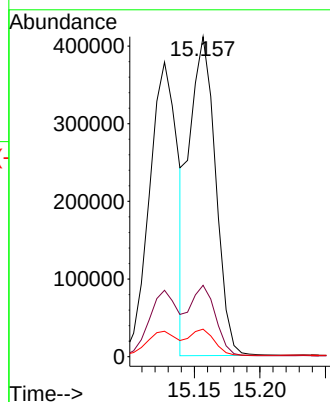
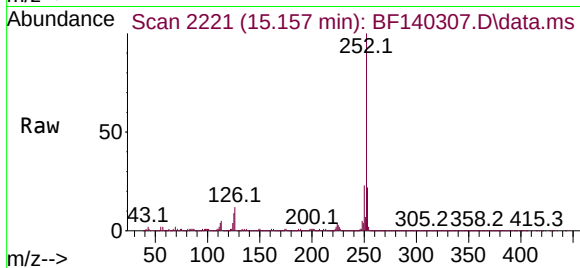
Tgt Ion:252 Resp: 565667

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 8.6 7.2 10.8



#90

Benzo(a)pyrene

Concen: 60.321 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

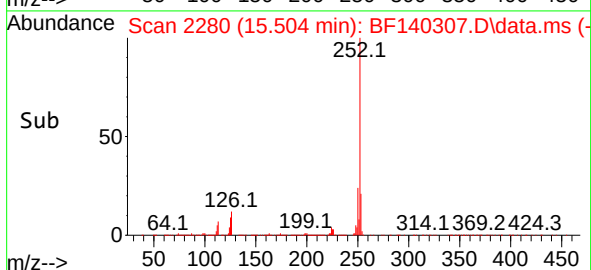
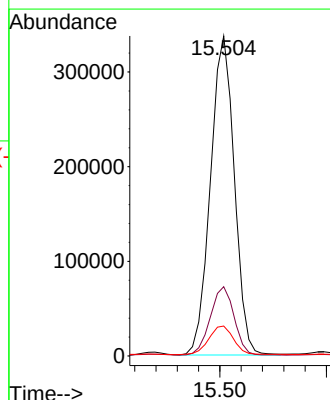
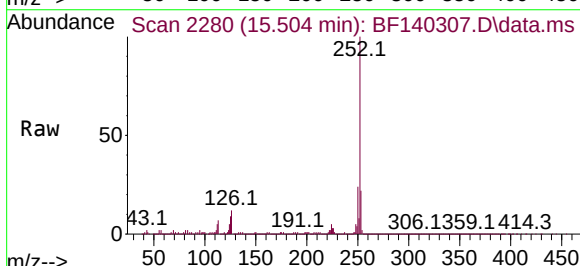
Tgt Ion:252 Resp: 524794

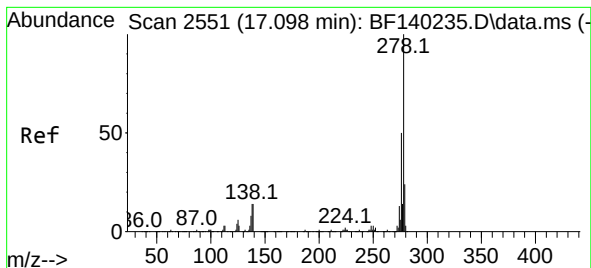
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.4 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 55.345 ng

RT: 17.098 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Instrument :

BNA_F

ClientSampleId :

BP-B4MS

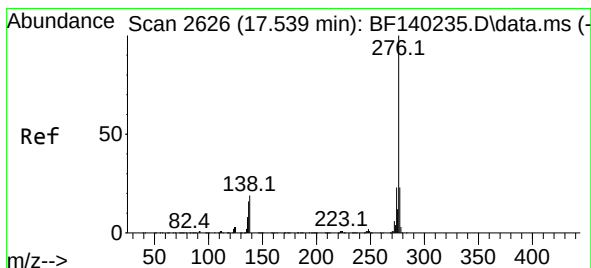
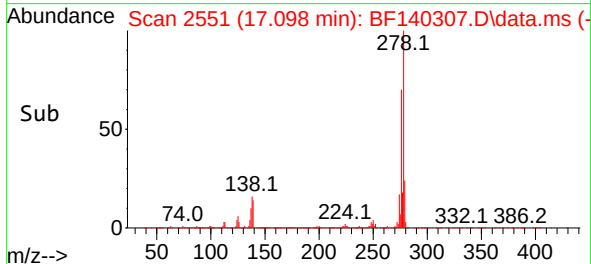
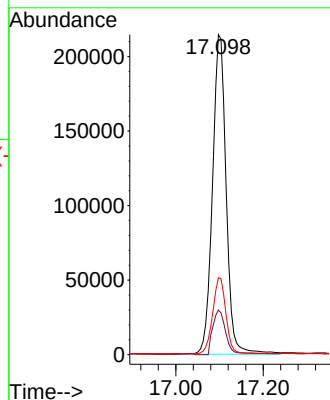
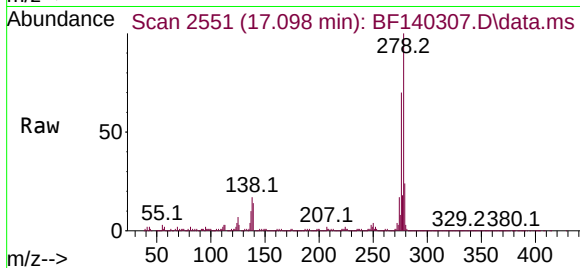
Tgt Ion:278 Resp: 466270

Ion Ratio Lower Upper

278 100

139 13.9 11.1 16.7

279 24.1 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 49.599 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.000 min

Lab File: BF140307.D

Acq: 08 Nov 2024 18:55

Tgt Ion:276 Resp: 426273

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 17.5 15.3 22.9

