

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140290.D
 Acq On : 08 Nov 2024 11:22
 Operator : RC/JU
 Sample : PB164680BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164680BS

Quant Time: Nov 08 11:53:29 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	6.875	152	146386	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	577855	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	358934	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	682080	20.000	ng	0.00
76) Chrysene-d12	14.063	240	432746	20.000	ng	0.00
86) Perylene-d12	15.563	264	360367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1202714	136.157	ng	0.02
7) Phenol-d6	6.510	99	1527418	134.435	ng	0.00
23) Nitrobenzene-d5	7.439	82	1041428	89.604	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	600296	169.199	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2005414	89.216	ng	0.00
79) Terphenyl-d14	12.998	244	2646767	100.191	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	161383	39.739	ng	94
3) Pyridine	3.504	79	413266	41.705	ng	95
4) n-Nitrosodimethylamine	3.463	42	250442	43.776	ng	89
6) Aniline	6.540	93	481910	46.947	ng	96
8) 2-Chlorophenol	6.663	128	491835	53.215	ng	93
9) Benzaldehyde	6.428	77	73330	10.478	ng	95
10) Phenol	6.522	94	606766	50.284	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	458824	50.053	ng	96
12) 1,3-Dichlorobenzene	6.822	146	512487	47.318	ng	98
13) 1,4-Dichlorobenzene	6.898	146	519202	47.531	ng	99
14) 1,2-Dichlorobenzene	7.045	146	506135	49.610	ng	98
15) Benzyl Alcohol	7.016	79	457858	52.275	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	712949	48.049	ng	98
17) 2-Methylphenol	7.128	107	403115	52.285	ng	98
18) Hexachloroethane	7.392	117	194234	47.736	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	358387	49.444	ng	94
20) 3+4-Methylphenols	7.281	107	496078	51.231	ng	99
22) Acetophenone	7.287	105	662646	46.251	ng	96
24) Nitrobenzene	7.463	77	543033	44.527	ng	96
25) Isophorone	7.698	82	988088	49.373	ng	98
26) 2-Nitrophenol	7.775	139	258967	53.382	ng	95
27) 2,4-Dimethylphenol	7.810	122	404021	61.217	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	586622	48.983	ng	100
29) 2,4-Dichlorophenol	8.016	162	424553	51.999	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	449175	45.910	ng	99
31) Naphthalene	8.181	128	1408645	47.207	ng	100
32) Benzoic acid	7.934	122	293655	54.218	ng	96
33) 4-Chloroaniline	8.228	127	224455	22.849	ng	96
34) Hexachlorobutadiene	8.298	225	306597	46.298	ng	99
35) Caprolactam	8.604	113	71591	28.824	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	480263	52.831	ng	97
37) 2-Methylnaphthalene	8.869	142	973031	49.964	ng	99
38) 1-Methylnaphthalene	8.969	142	909073	47.625	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	485301	46.185	ng	98
41) Hexachlorocyclopentadiene	9.022	237	577632	196.177	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	341255	52.408	ng	99

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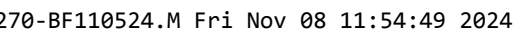
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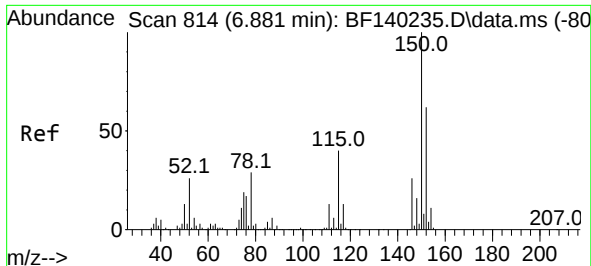
Quant Time: Nov 08 11:53:29 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	347643	50.776	ng	97
46) 1,1'-Biphenyl	9.339	154	1214929	46.828	ng	99
47) 2-Chloronaphthalene	9.363	162	896372	45.904	ng	99
48) 2-Nitroaniline	9.457	65	322345	49.361	ng	97
49) Acenaphthylene	9.781	152	1444545	52.252	ng	100
50) Dimethylphthalate	9.645	163	1151608	52.096	ng	99
51) 2,6-Dinitrotoluene	9.704	165	268989	51.768	ng	94
52) Acenaphthene	9.951	154	924508	47.148	ng	100
53) 3-Nitroaniline	9.875	138	156916	32.072	ng	94
54) 2,4-Dinitrophenol	9.986	184	297697	113.928	ng	87
55) Dibenzofuran	10.128	168	1363940	49.743	ng	99
56) 4-Nitrophenol	10.039	139	402187	116.909	ng	97
57) 2,4-Dinitrotoluene	10.116	165	359490	53.315	ng	97
58) Fluorene	10.475	166	1086752	49.790	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	326317	58.181	ng	95
60) Diethylphthalate	10.345	149	1143502	52.056	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	552803	50.253	ng	96
62) 4-Nitroaniline	10.498	138	263768	54.250	ng	93
63) Azobenzene	10.622	77	1123129	49.322	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	217682	60.766	ng	94
66) n-Nitrosodiphenylamine	10.580	169	965701	49.226	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	372643	50.735	ng	98
68) Hexachlorobenzene	11.022	284	423022	50.527	ng	94
69) Atrazine	11.110	200	368449	68.648	ng	98
70) Pentachlorophenol	11.216	266	501971	111.658	ng	98
71) Phenanthrene	11.439	178	1629896	50.072	ng	100
72) Anthracene	11.492	178	1664228	52.139	ng	100
73) Carbazole	11.645	167	1467663	50.323	ng	100
74) Di-n-butylphthalate	11.969	149	1823258	52.813	ng	100
75) Fluoranthene	12.627	202	1754421	51.545	ng	99
77) Benzidine	12.745	184	447314	52.868	ng	98
78) Pyrene	12.857	202	1798004	50.321	ng	100
80) Butylbenzylphthalate	13.474	149	718200	55.821	ng	94
81) Benzo(a)anthracene	14.051	228	1436037	51.709	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	317181	36.369	ng	99
83) Chrysene	14.092	228	1351833	51.980	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	985096	54.629	ng	99
85) Di-n-octyl phthalate	14.668	149	1511735	55.698	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	1123887	53.130	ng	99
88) Benzo(b)fluoranthene	15.127	252	1254909	57.570	ng	100
89) Benzo(k)fluoranthene	15.157	252	955177	47.754	ng	99
90) Benzo(a)pyrene	15.504	252	1015219	56.489	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	910373	52.310	ng	99
92) Benzo(g,h,i)perylene	17.545	276	840394	47.337	ng	98

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

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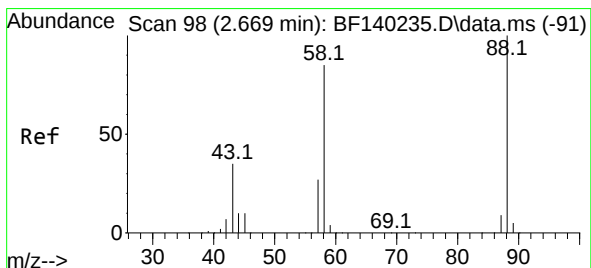
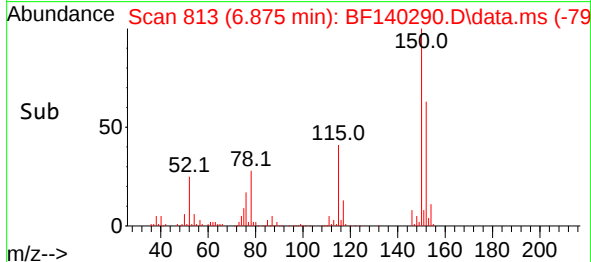
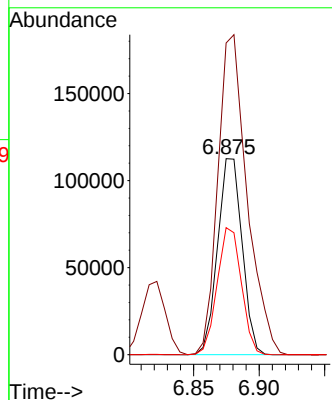
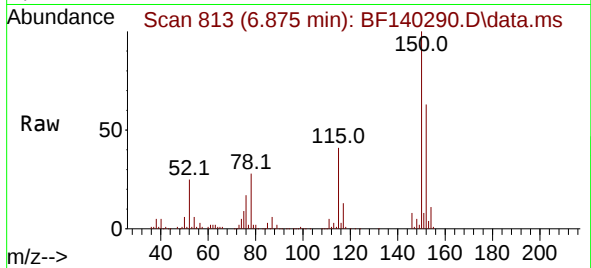




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140290.D
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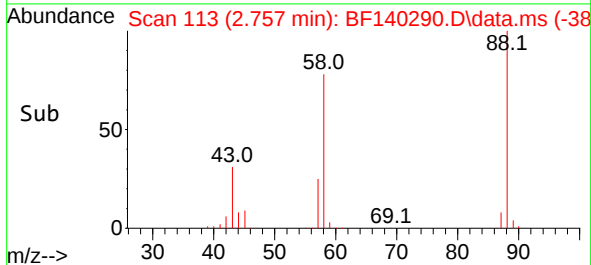
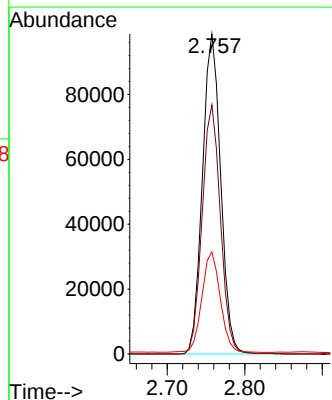
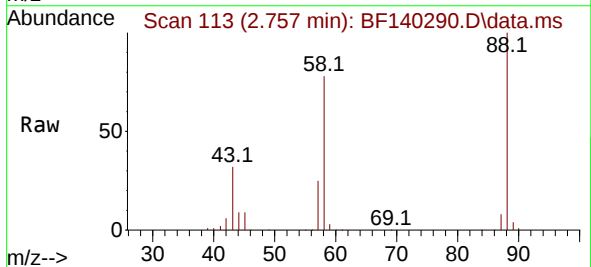
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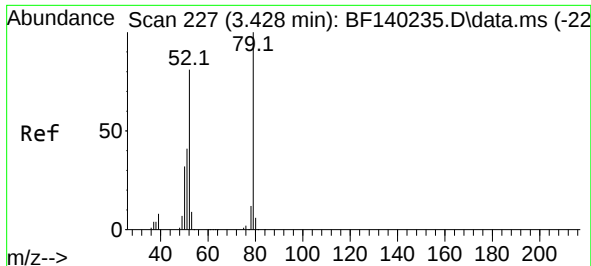
Tgt Ion:152 Resp: 146386
 Ion Ratio Lower Upper
 152 100
 150 159.1 129.4 194.2
 115 64.8 51.5 77.3



#2
 1,4-Dioxane
 Concen: 39.739 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.088 min
 Lab File: BF140290.D
 Acq: 08 Nov 2024 11:22

Tgt Ion: 88 Resp: 161383
 Ion Ratio Lower Upper
 88 100
 58 78.1 66.7 100.1
 43 31.6 27.8 41.8





#3

Pyridine

Concen: 41.705 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.077 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

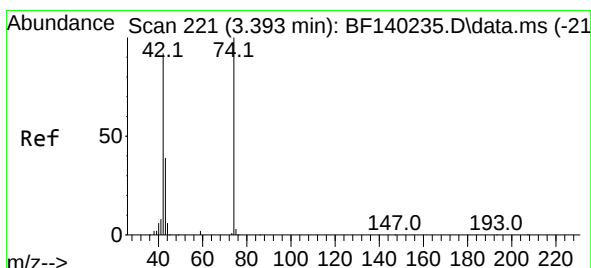
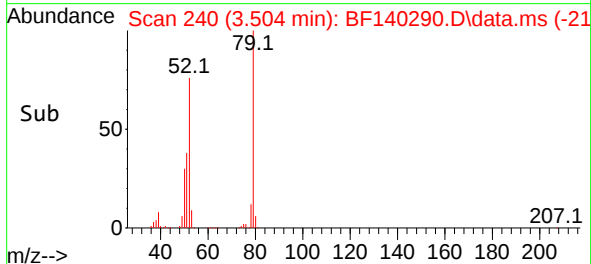
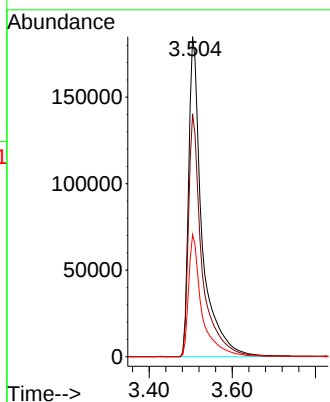
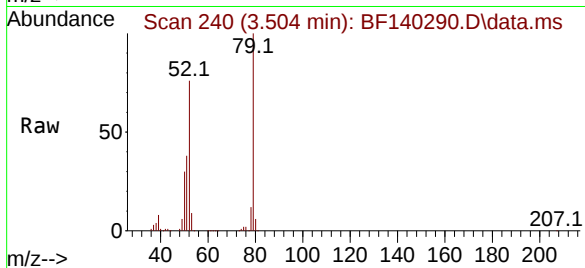
Tgt Ion: 79 Resp: 413266

Ion Ratio Lower Upper

79 100

52 75.9 64.6 97.0

51 38.1 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 43.776 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.071 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

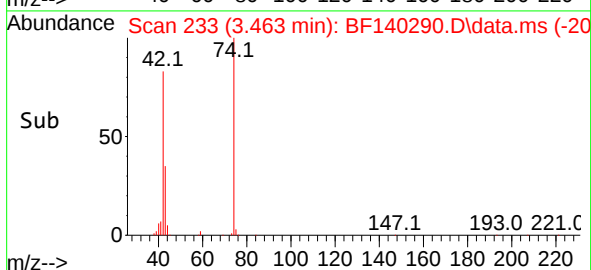
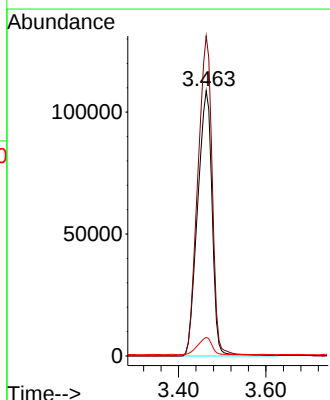
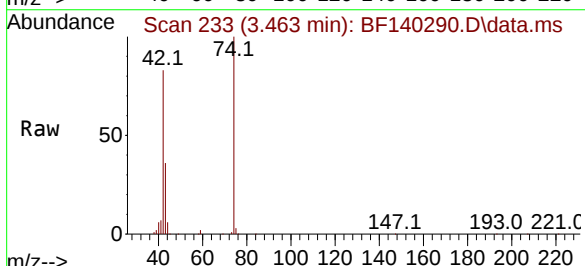
Tgt Ion: 42 Resp: 250442

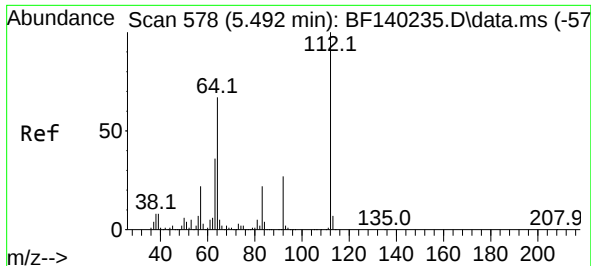
Ion Ratio Lower Upper

42 100

74 120.6 86.9 130.3

44 7.0 5.0 7.6

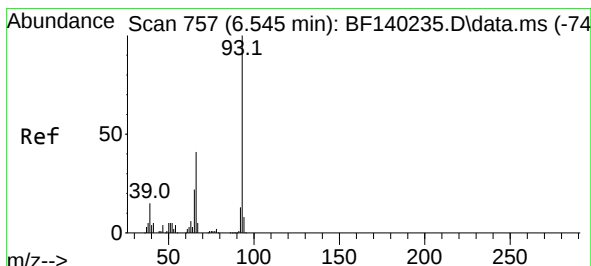
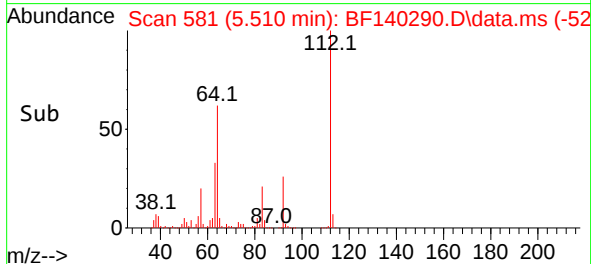
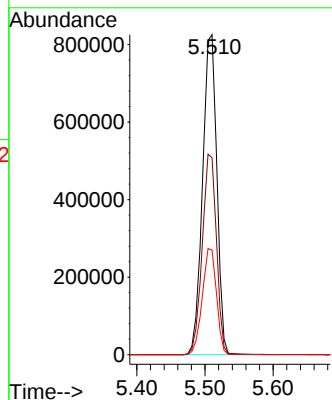
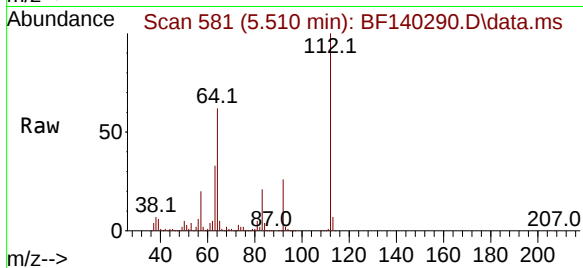




#5
2-Fluorophenol
Concen: 136.157 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.018 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

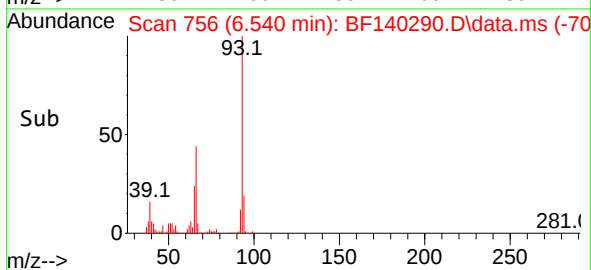
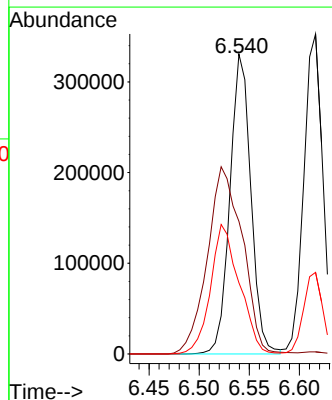
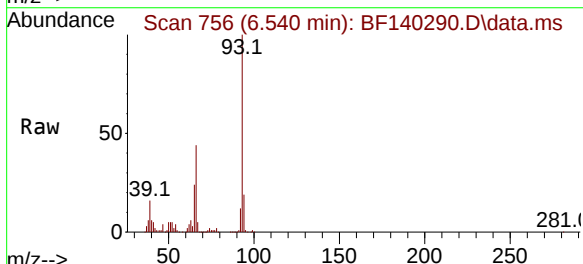
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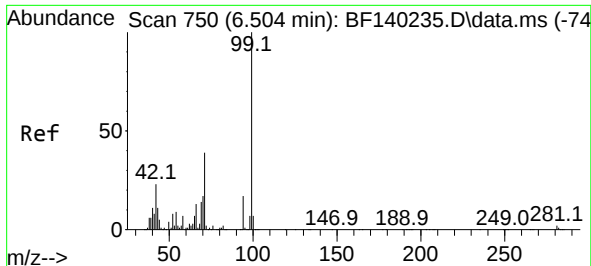
Tgt Ion:112 Resp: 1202714
Ion Ratio Lower Upper
112 100
64 61.6 53.4 80.2
63 32.7 28.9 43.3



#6
Aniline
Concen: 46.947 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 93 Resp: 481910
Ion Ratio Lower Upper
93 100
66 44.3 33.6 50.4
65 23.7 17.5 26.3

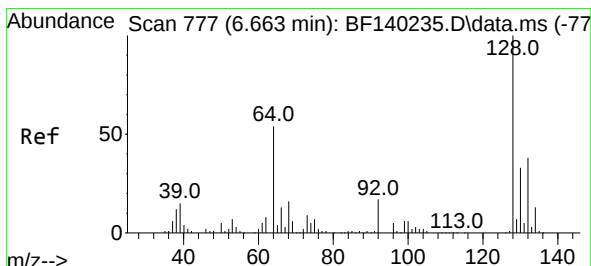
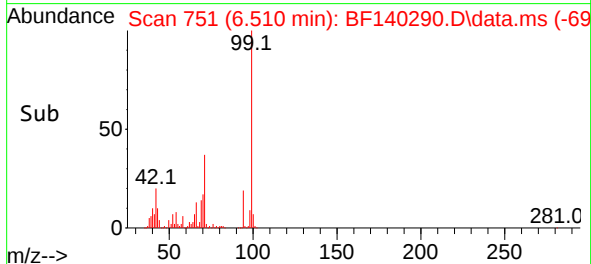
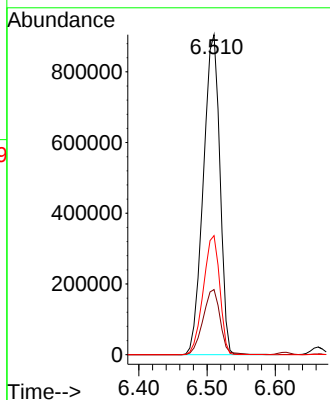
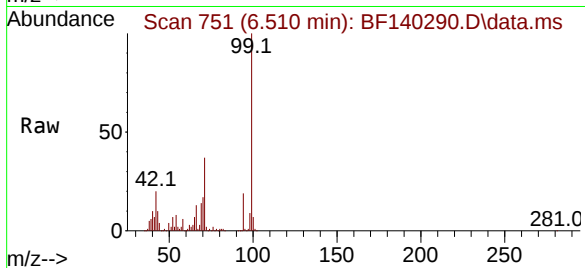




#7
Phenol-d6
Concen: 134.435 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

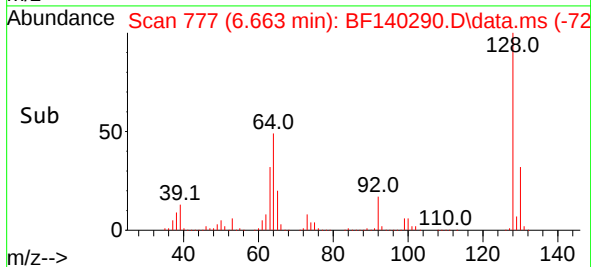
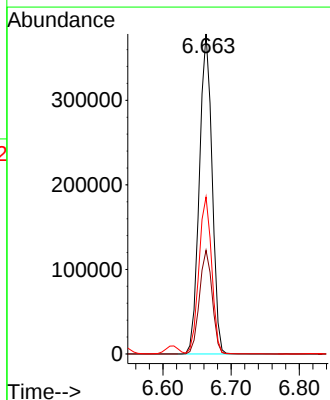
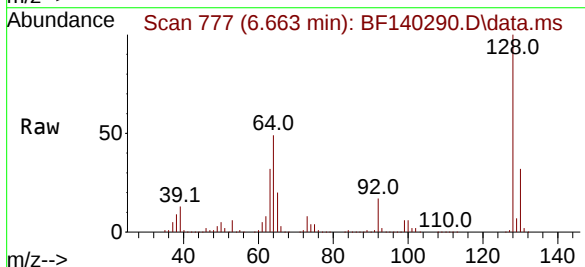
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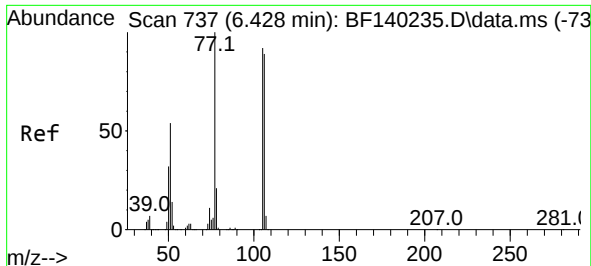
Tgt Ion: 99 Resp: 1527418
Ion Ratio Lower Upper
99 100
42 20.3 18.2 27.2
71 37.2 30.9 46.3



#8
2-Chlorophenol
Concen: 53.215 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 128 Resp: 491835
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 49.0 36.3 76.3

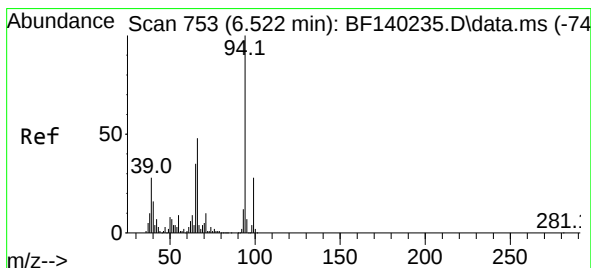
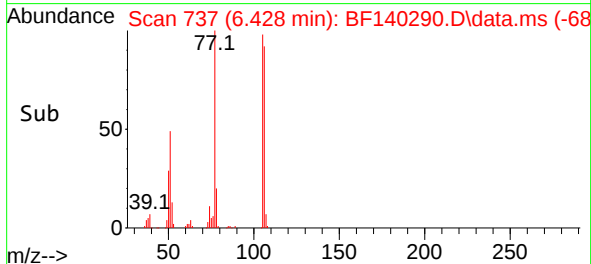
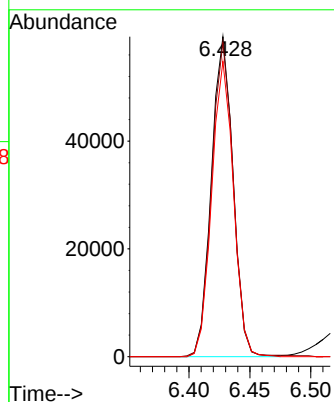
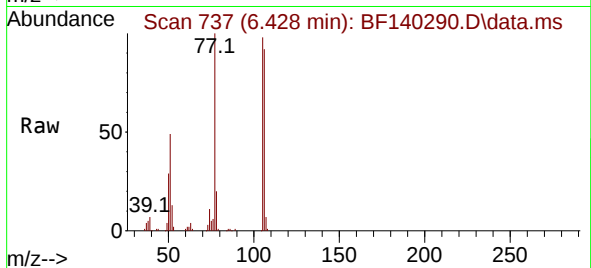




#9
Benzaldehyde
Concen: 10.478 ng
RT: 6.428 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

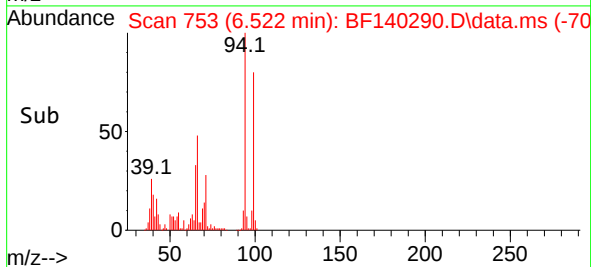
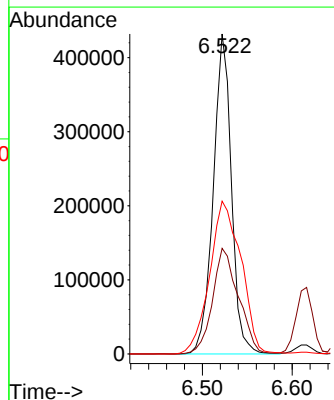
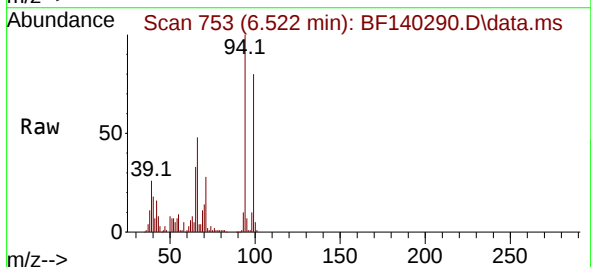
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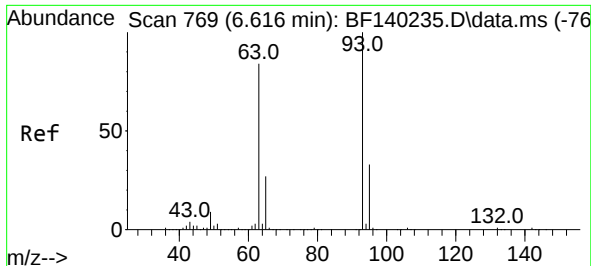
Tgt Ion: 77 Resp: 73330
Ion Ratio Lower Upper
77 100
105 98.2 72.1 112.1
106 92.3 68.8 108.8



#10
Phenol
Concen: 50.284 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 94 Resp: 606766
Ion Ratio Lower Upper
94 100
65 33.0 15.1 55.1
66 47.8 28.8 68.8

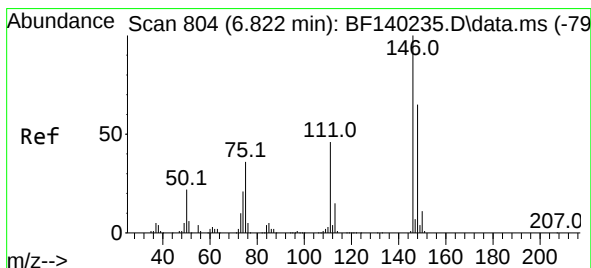
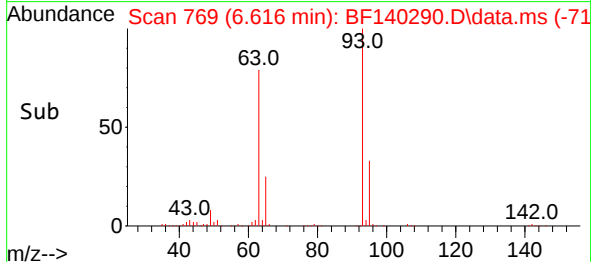
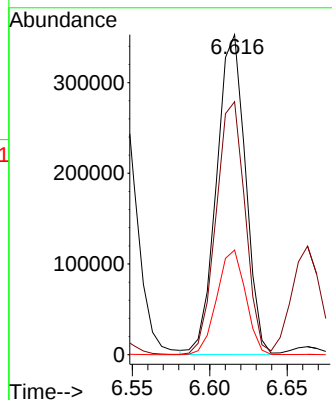
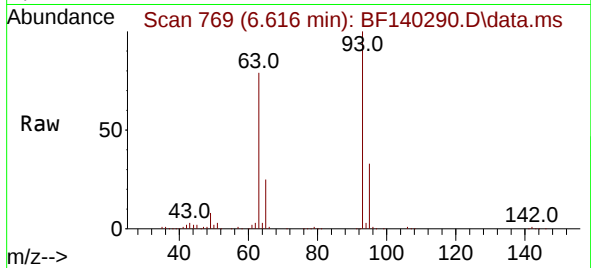




#11
bis(2-Chloroethyl)ether
Concen: 50.053 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

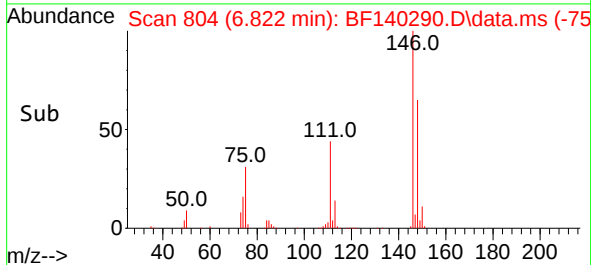
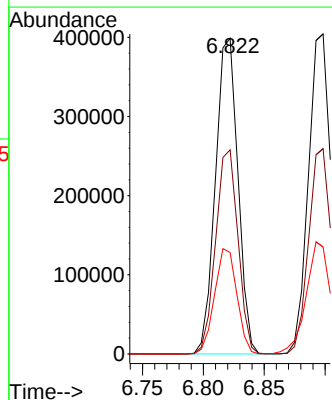
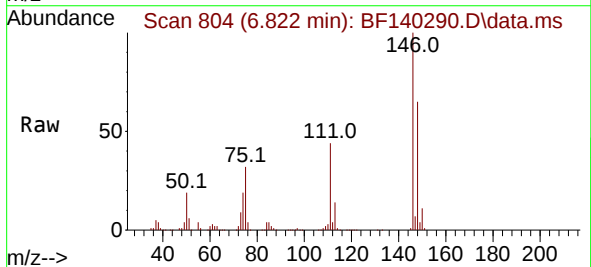
Instrument :
BNA_F
ClientSampleId :
PB164680BS

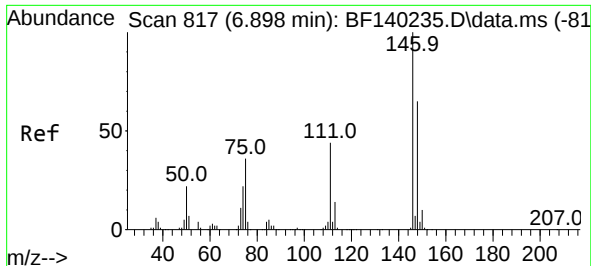
Tgt Ion: 93 Resp: 458824
Ion Ratio Lower Upper
93 100
63 79.0 63.6 103.6
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 47.318 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

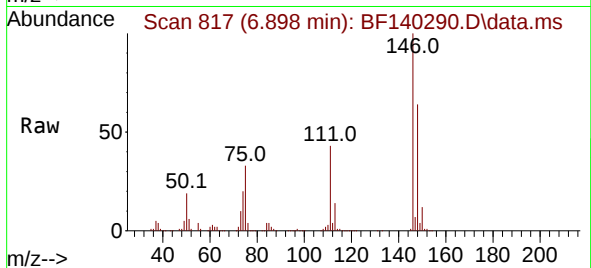
Tgt Ion: 146 Resp: 512487
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
75 32.1 28.4 42.6



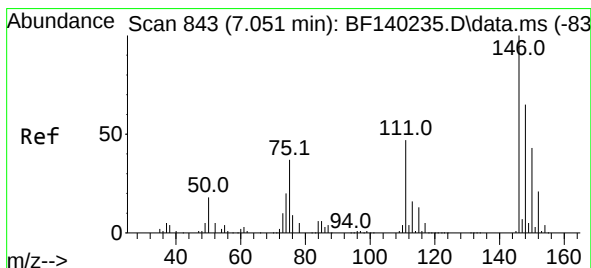
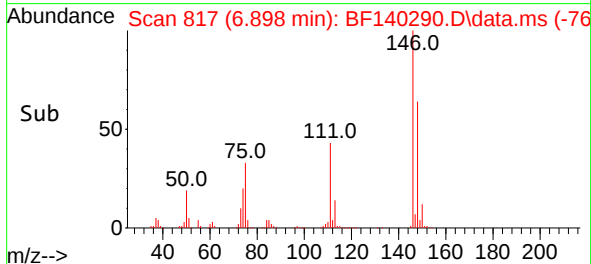
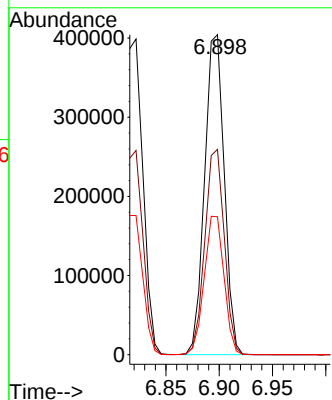


#13
1,4-Dichlorobenzene
Concen: 47.531 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB164680BS

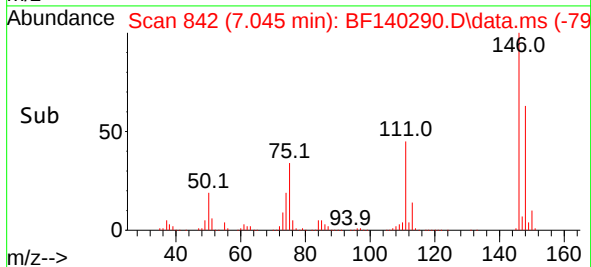
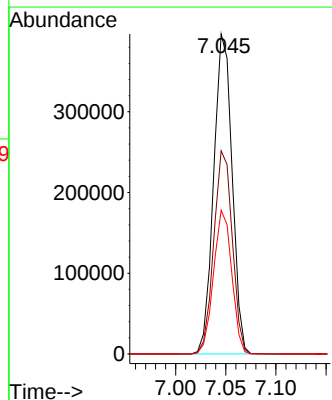
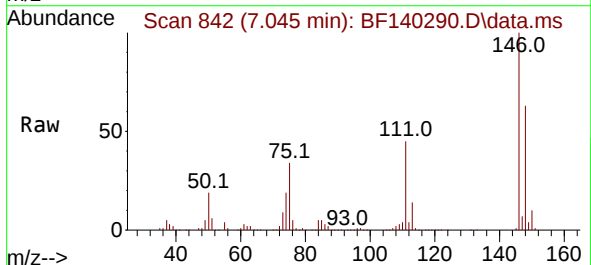


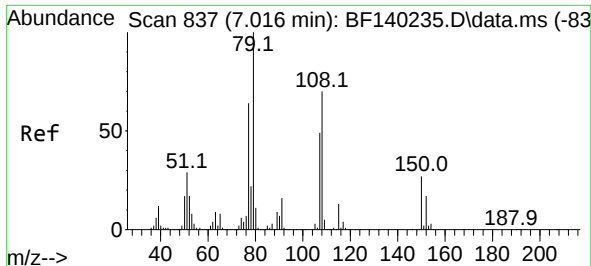
Tgt Ion:146 Resp: 519202
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.6
111 43.1 35.4 53.2



#14
1,2-Dichlorobenzene
Concen: 49.610 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:146 Resp: 506135
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
111 44.9 37.9 56.9

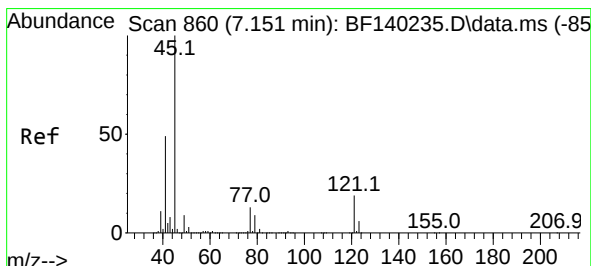
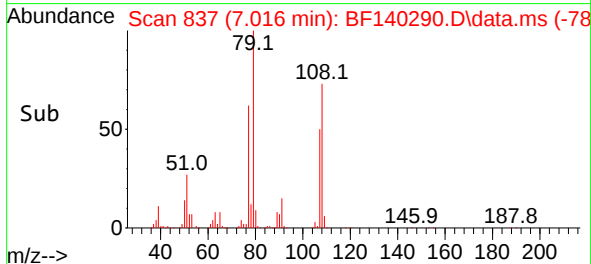
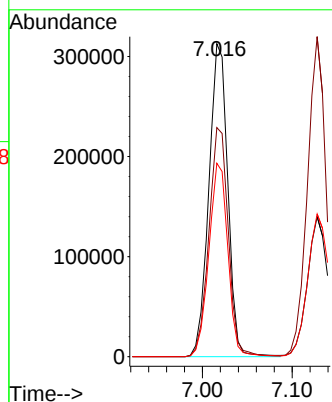
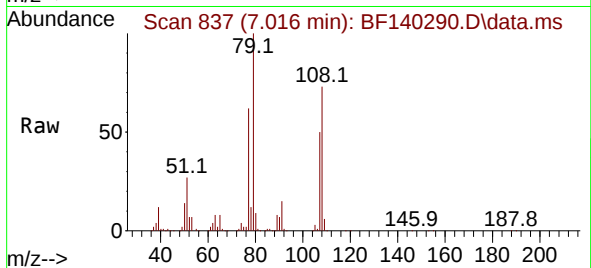




#15
Benzyl Alcohol
Concen: 52.275 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

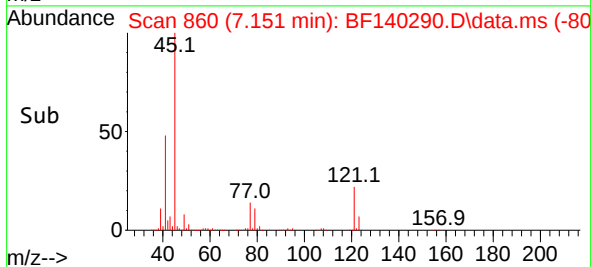
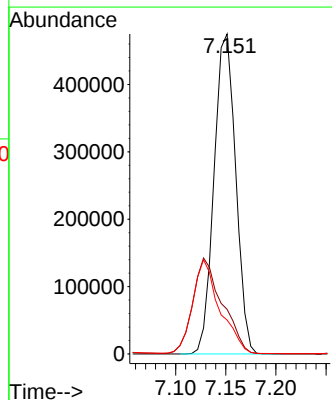
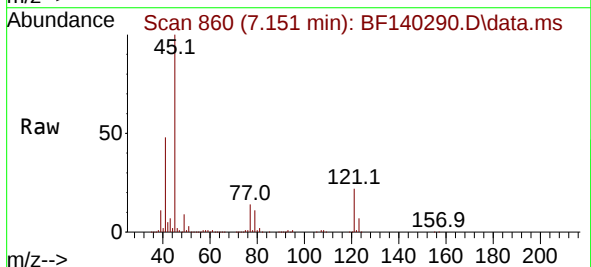
Instrument :
BNA_F
ClientSampleId :
PB164680BS

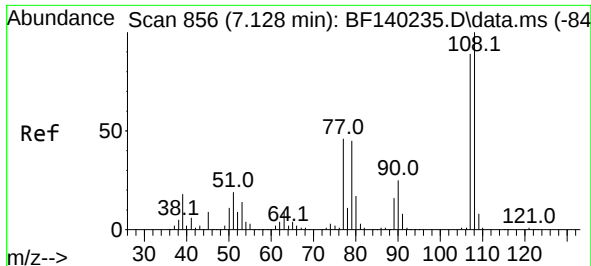
Tgt Ion: 79 Resp: 457858
Ion Ratio Lower Upper
79 100
108 73.2 55.8 83.6
77 61.8 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.049 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 45 Resp: 712949
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.3
79 10.6 0.0 29.9

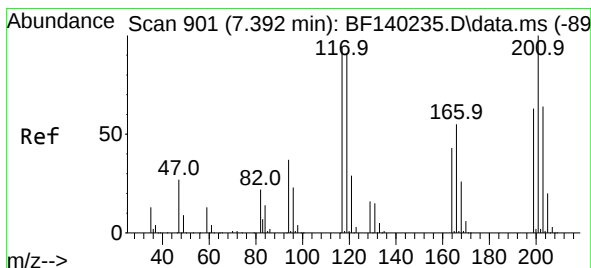
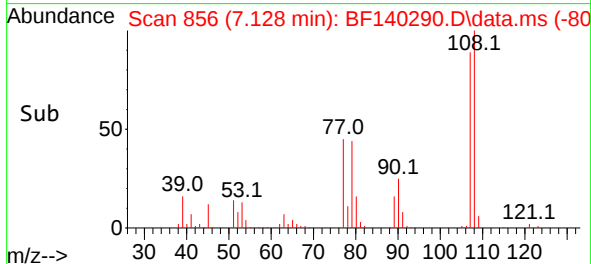
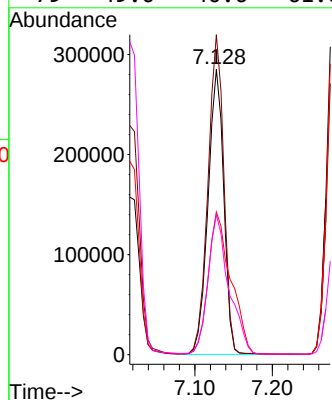
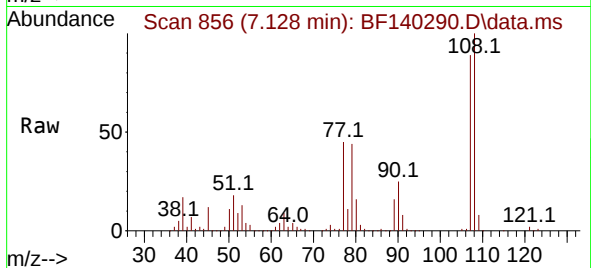




#17
2-Methylphenol
Concen: 52.285 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

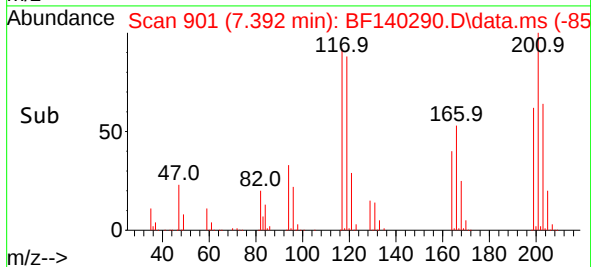
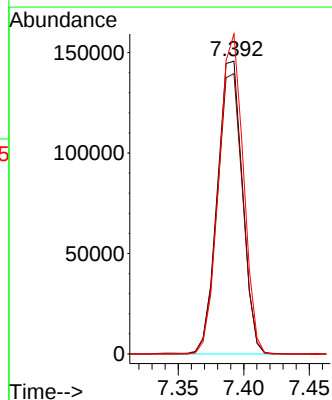
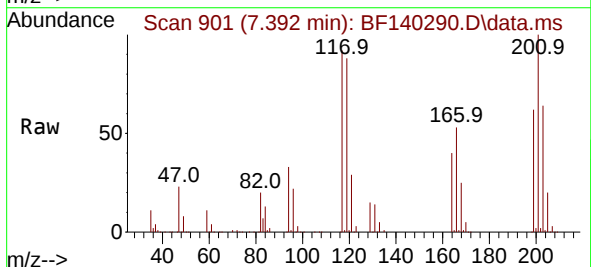
Instrument :
BNA_F
ClientSampleId :
PB164680BS

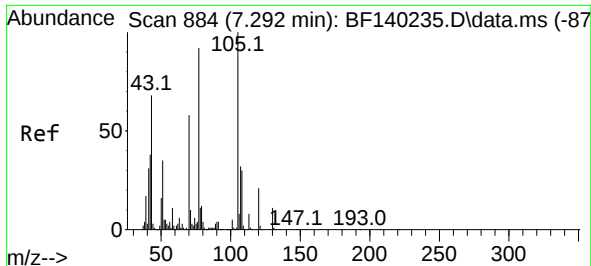
Tgt Ion:	107	Resp:	403115
Ion	Ratio	Lower	Upper
107	100		
108	112.1	90.5	135.7
77	50.0	41.8	62.6
79	49.0	40.6	61.0



#18
Hexachloroethane
Concen: 47.736 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:	117	Resp:	194234
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.3	115.9
201	109.3	85.1	127.7



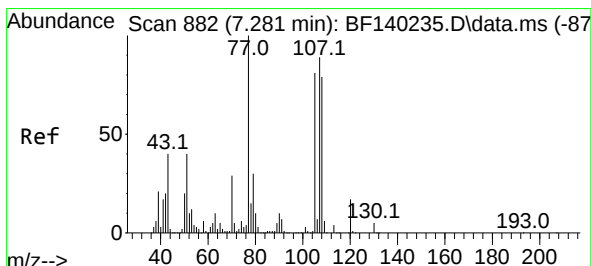
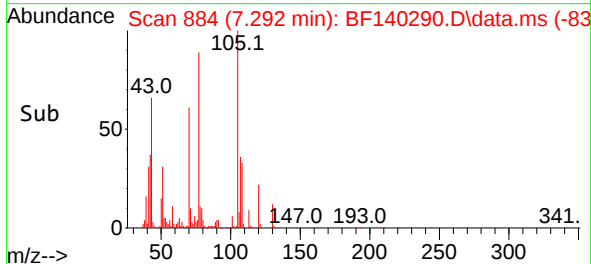
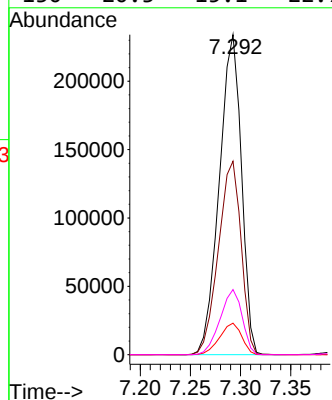
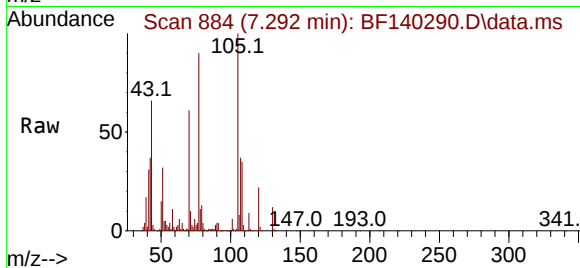


#19
n-Nitroso-di-n-propylamine
Concen: 49.444 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB164680BS

Tgt Ion: 70 Resp: 358387

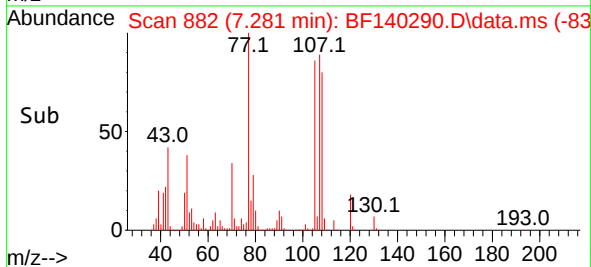
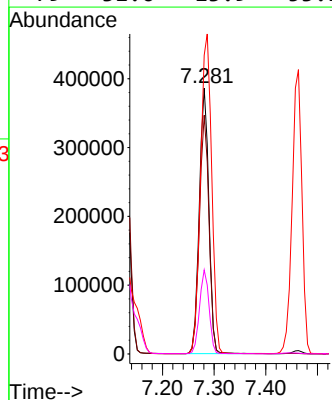
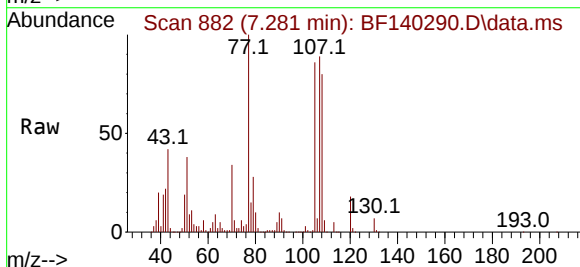
Ion	Ratio	Lower	Upper
70	100		
42	60.4	52.8	79.2
101	9.9	7.4	11.2
130	20.3	15.1	22.7

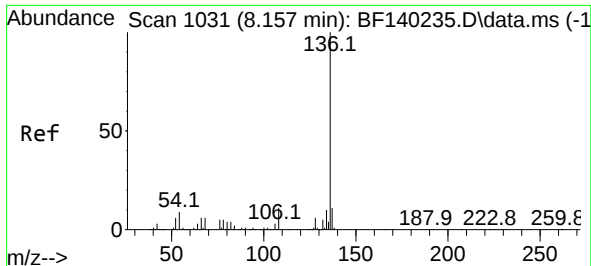


#20
3+4-Methylphenols
Concen: 51.231 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 107 Resp: 496078

Ion	Ratio	Lower	Upper
107	100		
108	89.8	69.4	109.4
77	112.4	92.7	132.7
79	31.6	13.9	53.9

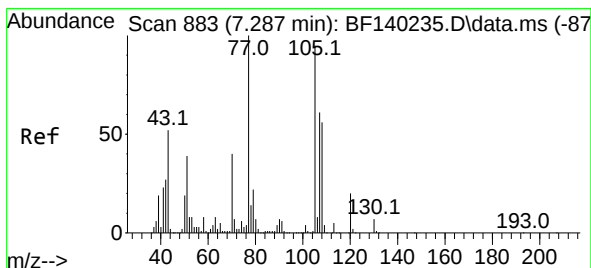
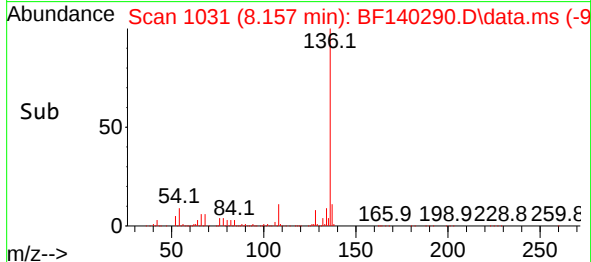
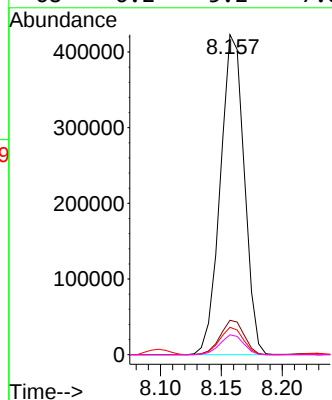
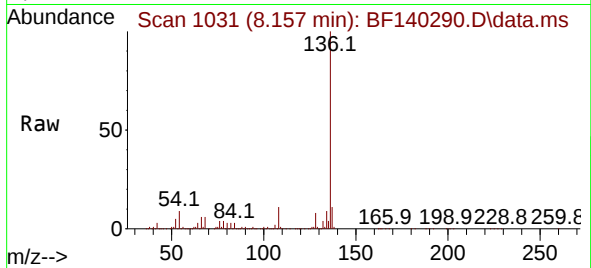




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

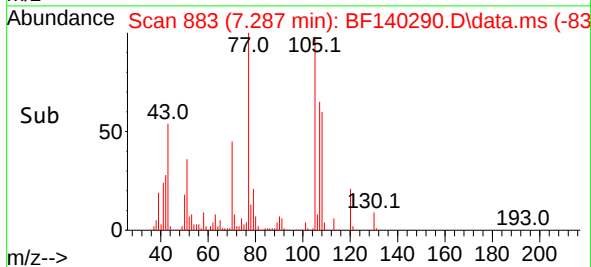
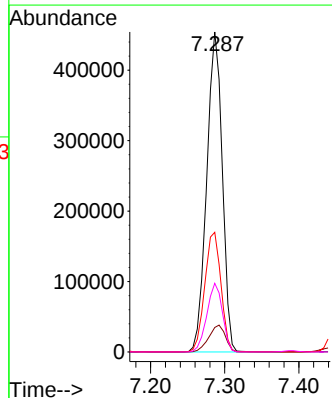
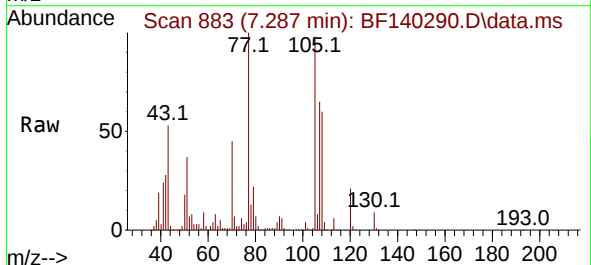
Instrument :
BNA_F
ClientSampleId :
PB164680BS

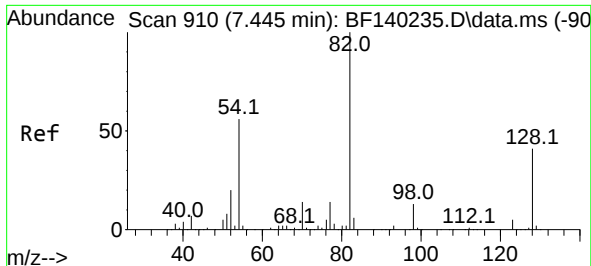
Tgt Ion:	136	Resp:	577855
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.6	7.7	11.5
68	6.2	5.2	7.8



#22
Acetophenone
Concen: 46.251 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:	105	Resp:	662646
Ion	Ratio	Lower	Upper
105	100		
71	7.7	5.6	8.4
51	37.4	33.2	49.8
120	21.4	16.8	25.2

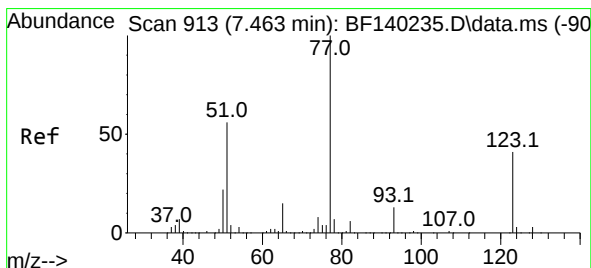
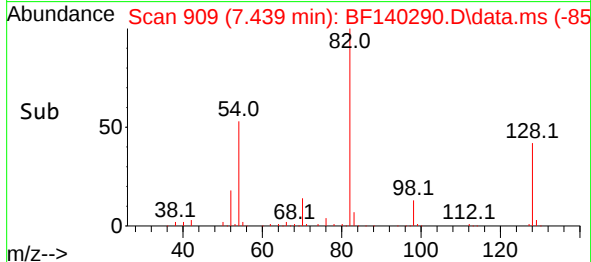
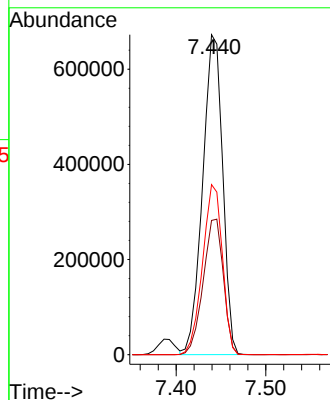
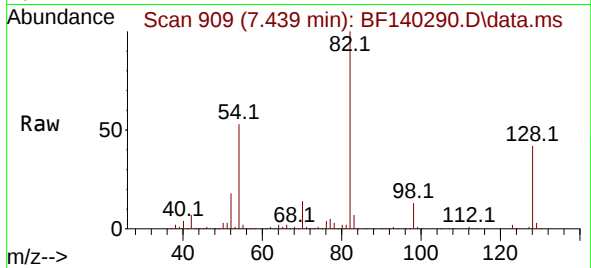




#23
 Nitrobenzene-d5
 Concen: 89.604 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140290.D
 Acq: 08 Nov 2024 11:22

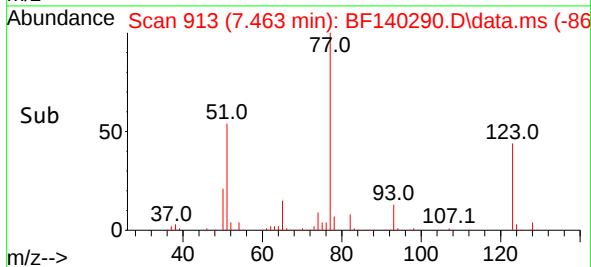
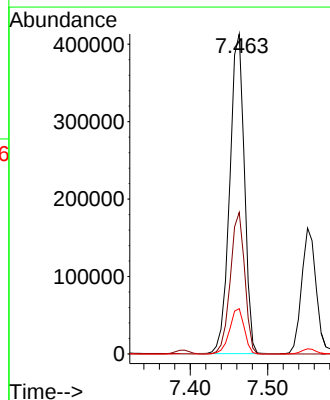
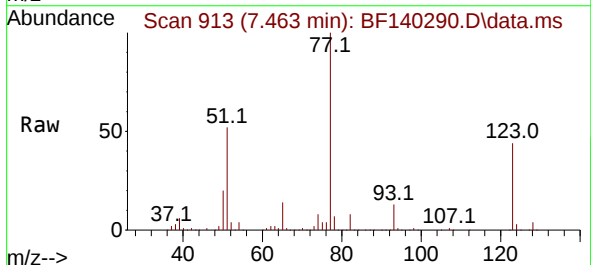
Instrument :
 BNA_F
 ClientSampleId :
 PB164680BS

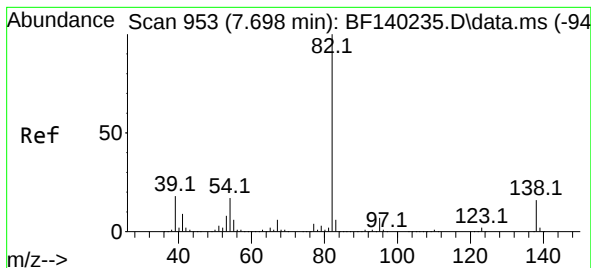
Tgt Ion: 82 Resp: 1041428
 Ion Ratio Lower Upper
 82 100
 128 41.9 32.8 49.2
 54 53.1 44.3 66.5



#24
 Nitrobenzene
 Concen: 44.527 ng
 RT: 7.463 min Scan# 913
 Delta R.T. 0.000 min
 Lab File: BF140290.D
 Acq: 08 Nov 2024 11:22

Tgt Ion: 77 Resp: 543033
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.0 49.4
 65 14.1 11.7 17.5





#25

Isophorone

Concen: 49.373 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

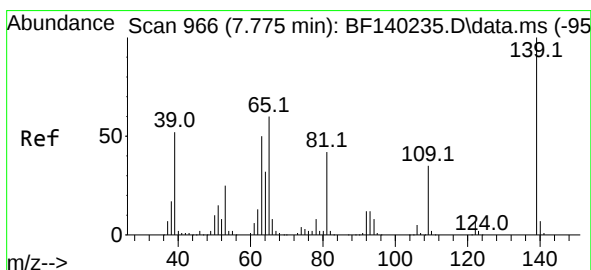
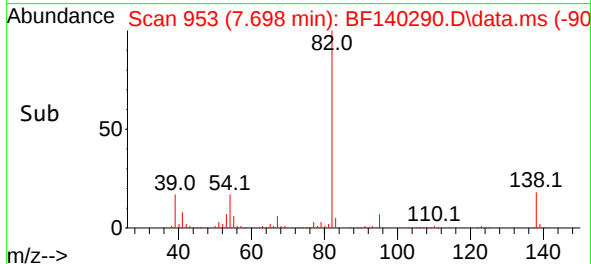
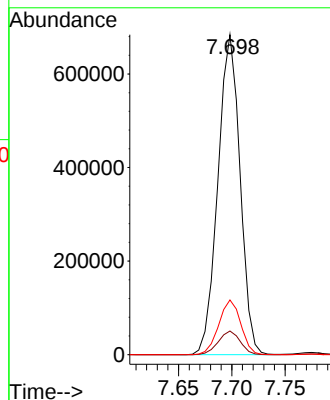
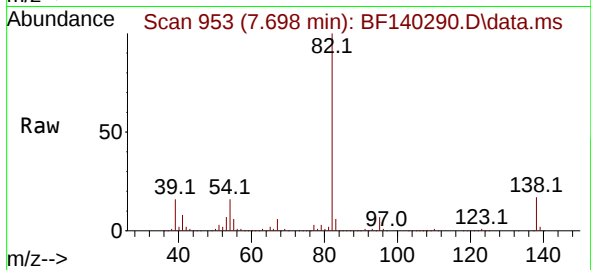
Tgt Ion: 82 Resp: 988088

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

138 17.1 12.9 19.3



#26

2-Nitrophenol

Concen: 53.382 ng

RT: 7.775 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

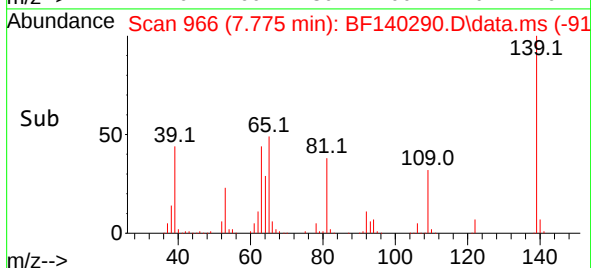
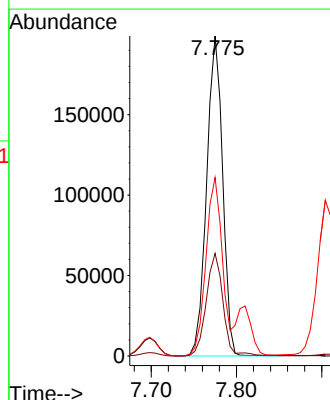
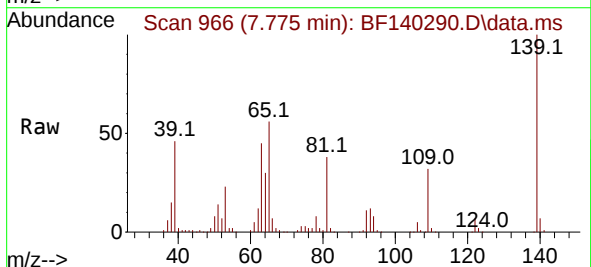
Tgt Ion:139 Resp: 258967

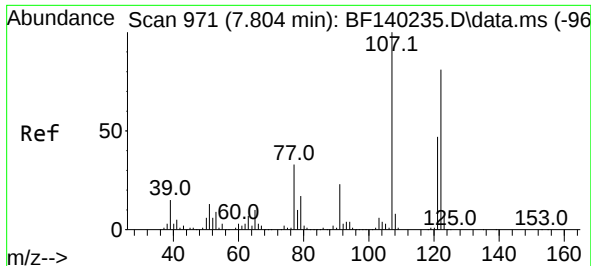
Ion Ratio Lower Upper

139 100

109 32.1 27.8 41.8

65 55.7 48.2 72.2

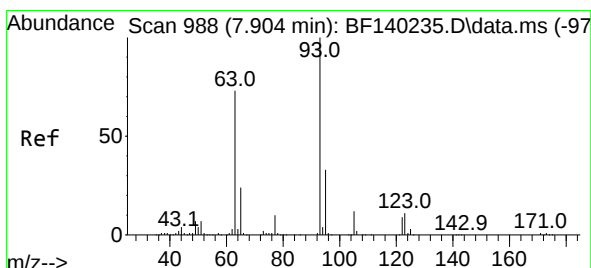
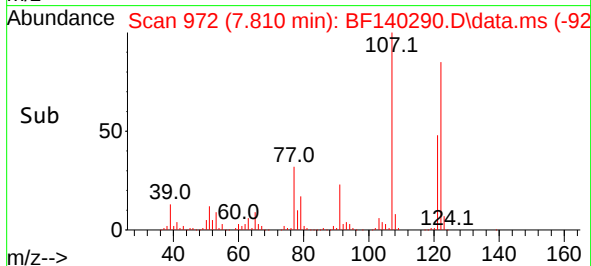
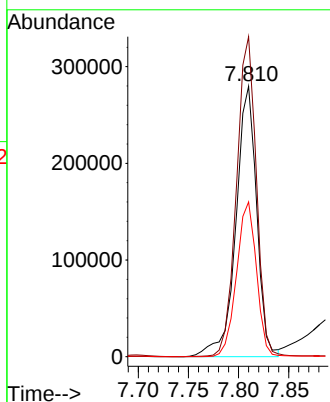
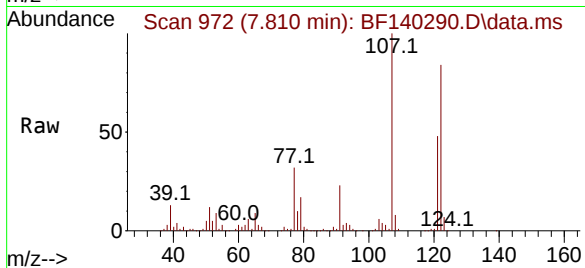




#27
2,4-Dimethylphenol
Concen: 61.217 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

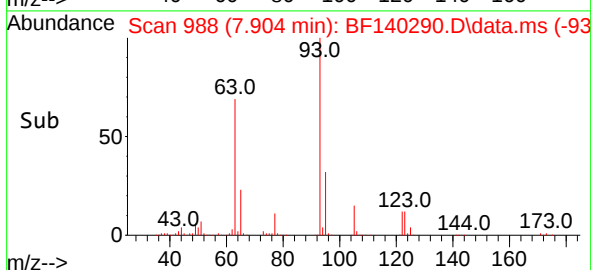
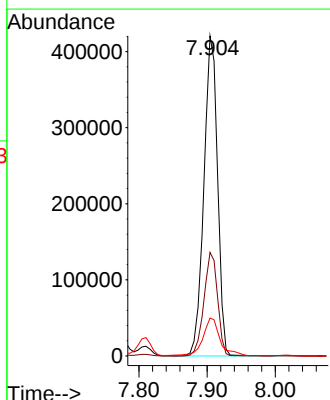
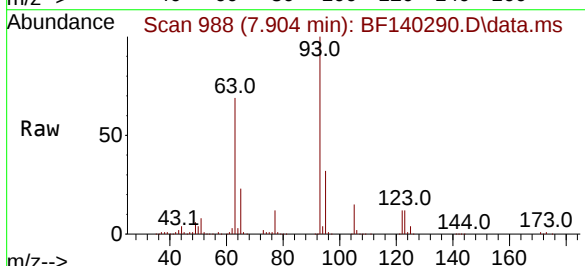
Instrument :
BNA_F
ClientSampleId :
PB164680BS

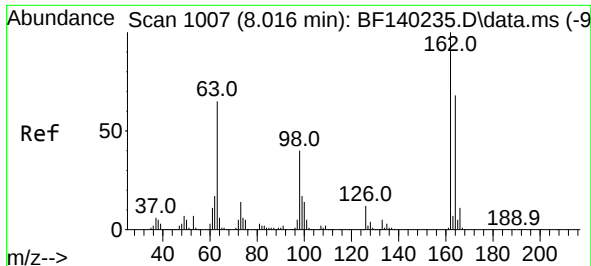
Tgt Ion:122 Resp: 404021
Ion Ratio Lower Upper
122 100
107 118.4 99.4 149.0
121 57.2 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 48.983 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 93 Resp: 586622
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 11.9 9.4 14.0

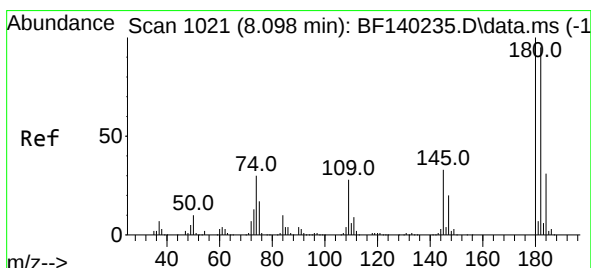
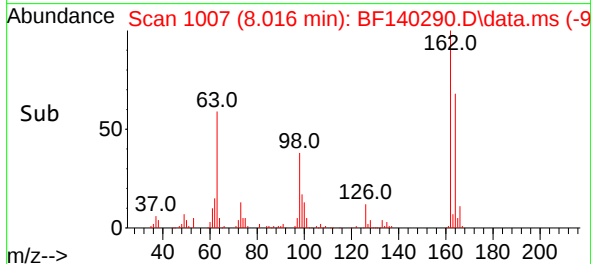
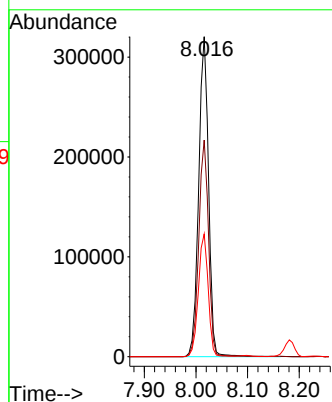
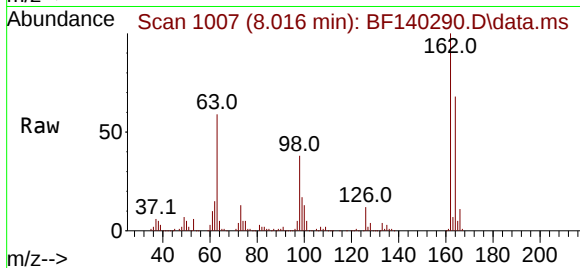




#29
2,4-Dichlorophenol
Concen: 51.999 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

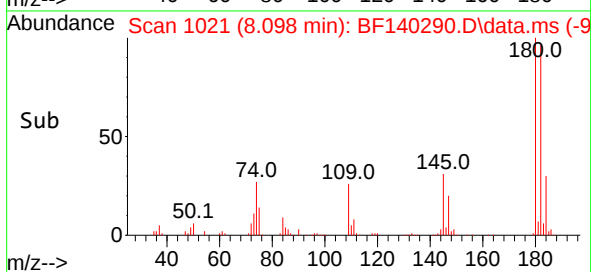
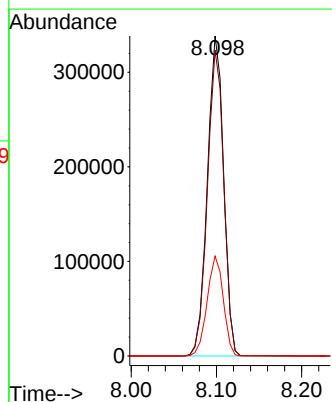
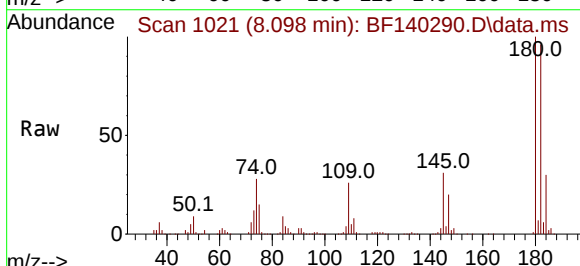
Instrument :
BNA_F
ClientSampleId :
PB164680BS

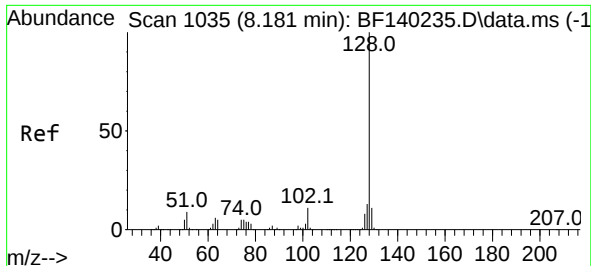
Tgt Ion:162 Resp: 424553
Ion Ratio Lower Upper
162 100
164 67.7 47.5 87.5
98 38.4 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 45.910 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:180 Resp: 449175
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 31.2 26.1 39.1

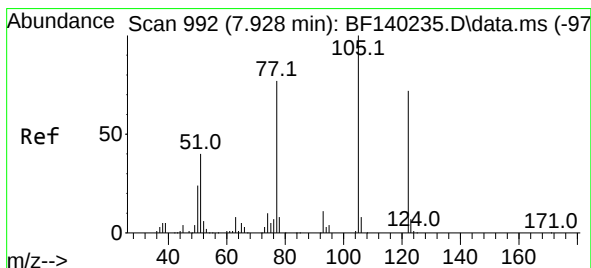
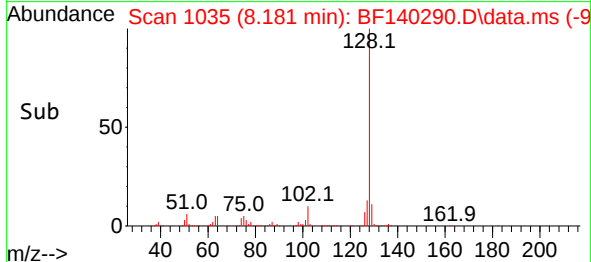
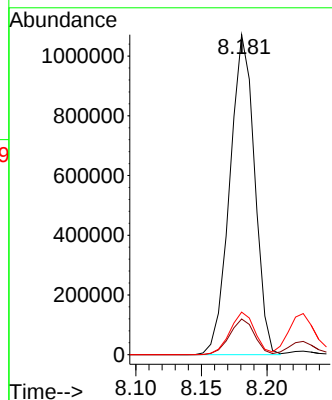
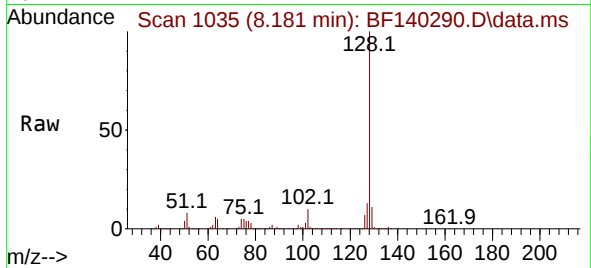




#31
Naphthalene
Concen: 47.207 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

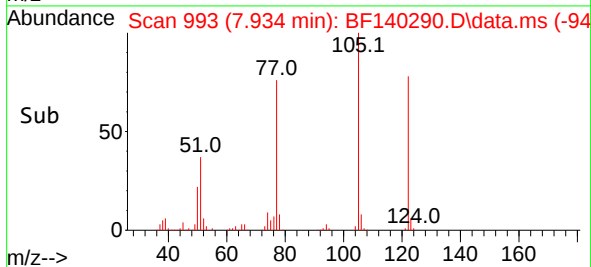
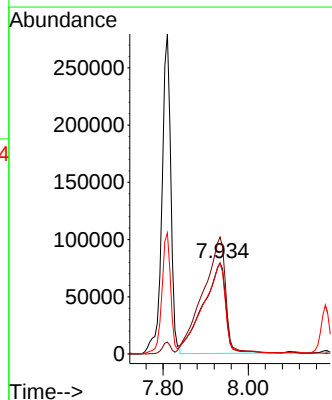
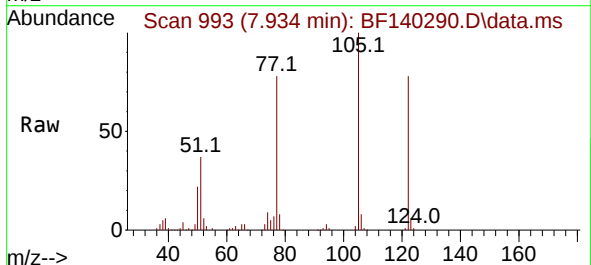
Instrument :
BNA_F
ClientSampleId :
PB164680BS

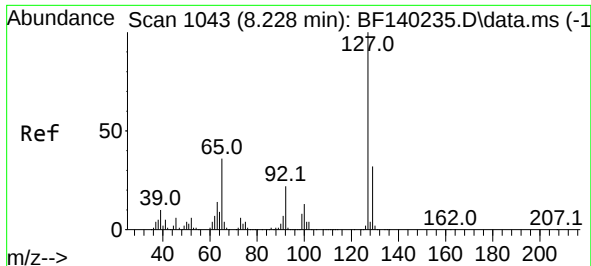
Tgt Ion:128 Resp: 1408645
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 54.218 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:122 Resp: 293655
Ion Ratio Lower Upper
122 100
105 128.2 112.6 152.6
77 99.6 84.3 124.3

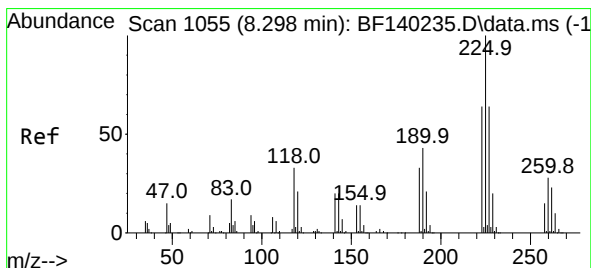
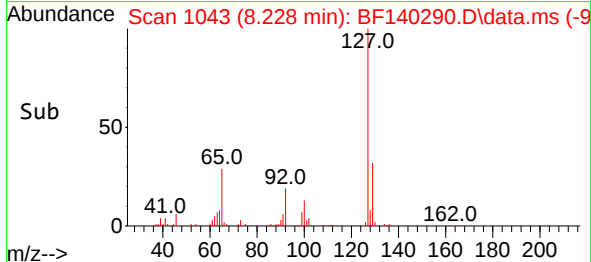
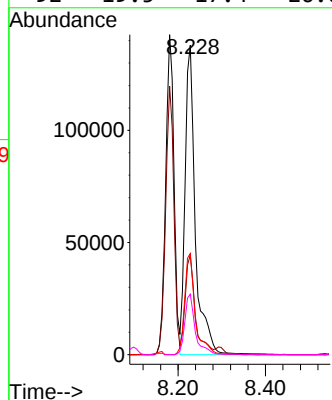
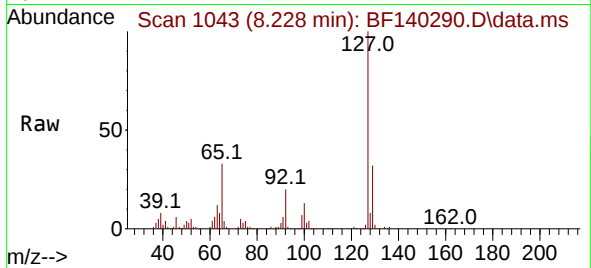




#33
4-Chloroaniline
Concen: 22.849 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

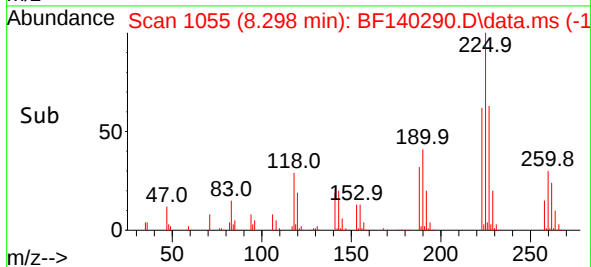
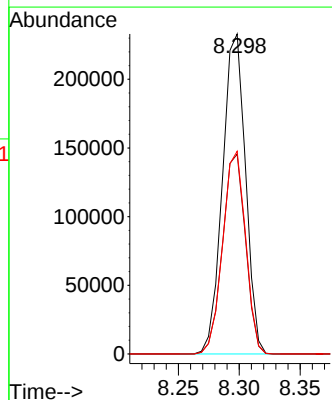
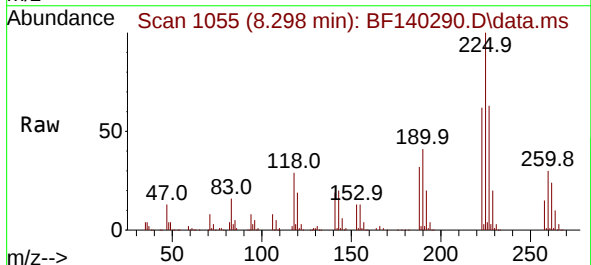
Instrument :
BNA_F
ClientSampleId :
PB164680BS

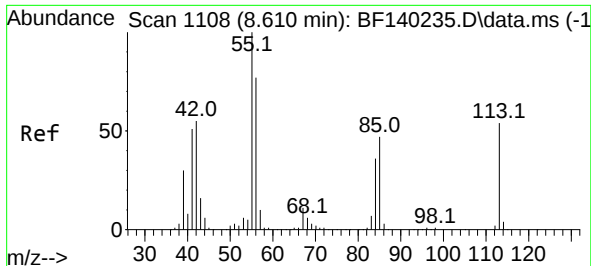
Tgt Ion:	127	Resp:	224455
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	32.7	29.0	43.6
92	19.5	17.4	26.0



#34
Hexachlorobutadiene
Concen: 46.298 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:	225	Resp:	306597
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.8	76.2
227	63.4	51.0	76.6

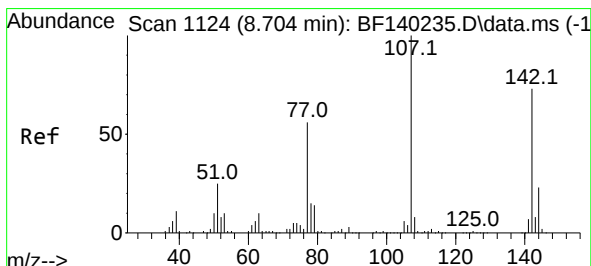
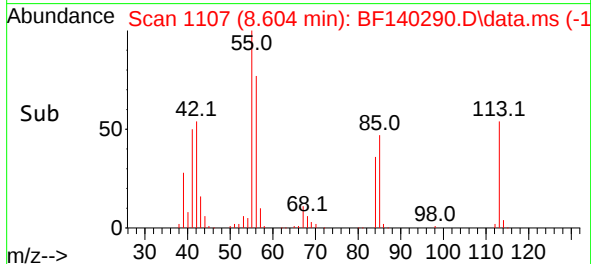
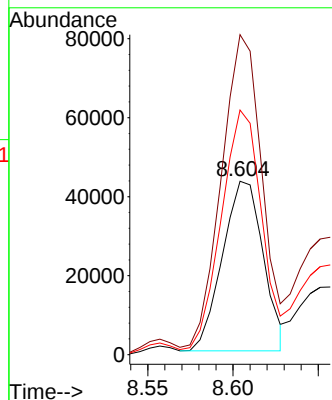
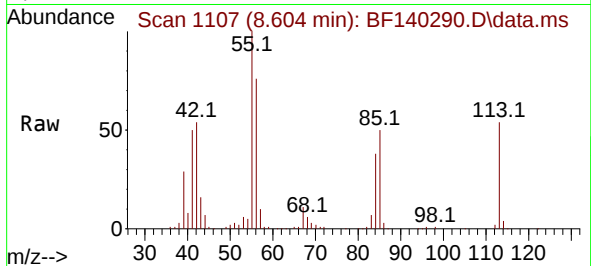




#35
 Caprolactam
 Concen: 28.824 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. -0.006 min
 Lab File: BF140290.D
 Acq: 08 Nov 2024 11:22

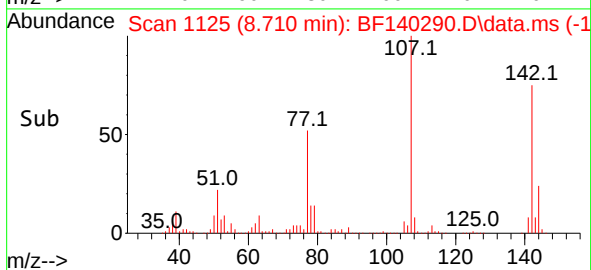
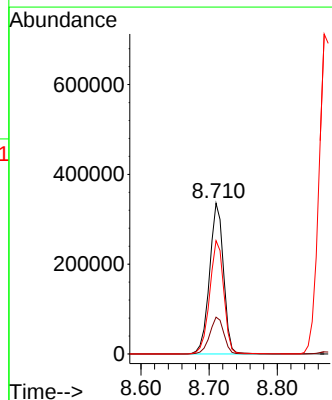
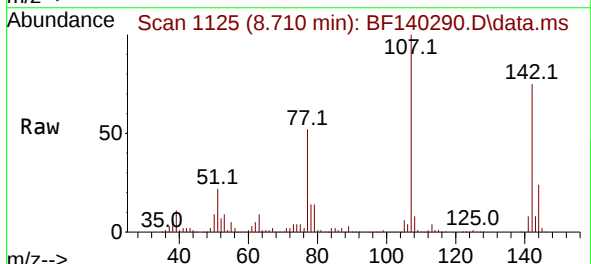
Instrument :
 BNA_F
 ClientSampleId :
 PB164680BS

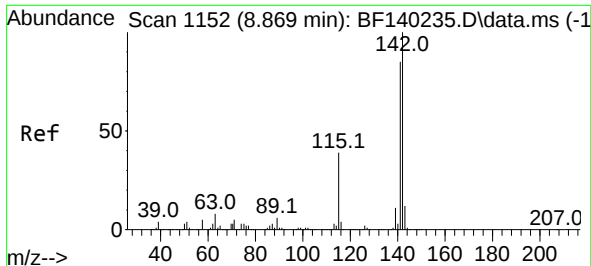
Tgt Ion:113 Resp: 71591
 Ion Ratio Lower Upper
 113 100
 55 184.5 165.2 205.2
 56 141.1 122.1 162.1



#36
 4-Chloro-3-methylphenol
 Concen: 52.831 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF140290.D
 Acq: 08 Nov 2024 11:22

Tgt Ion:107 Resp: 480263
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.6 27.8
 142 75.2 58.1 87.1





#37

2-Methylnaphthalene

Concen: 49.964 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

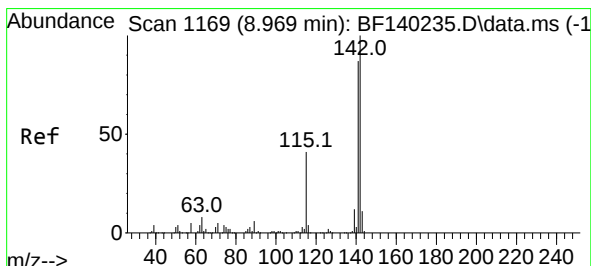
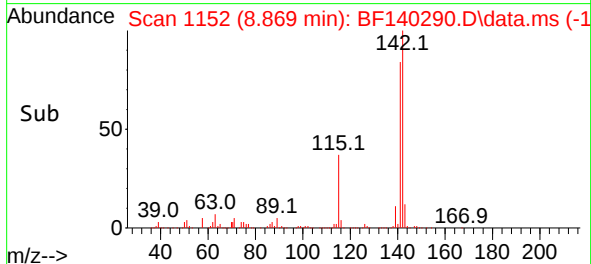
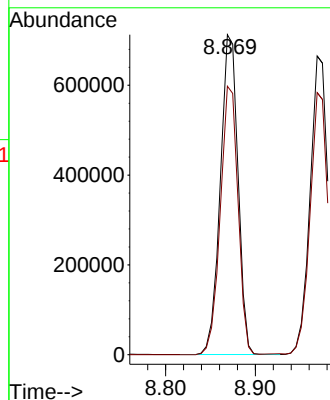
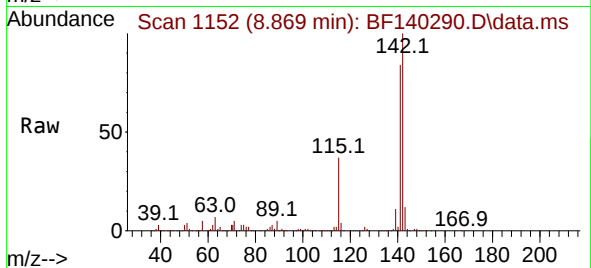
PB164680BS

Tgt Ion:142 Resp: 973031

Ion Ratio Lower Upper

142 100

141 83.9 67.8 101.8



#38

1-Methylnaphthalene

Concen: 47.625 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140290.D

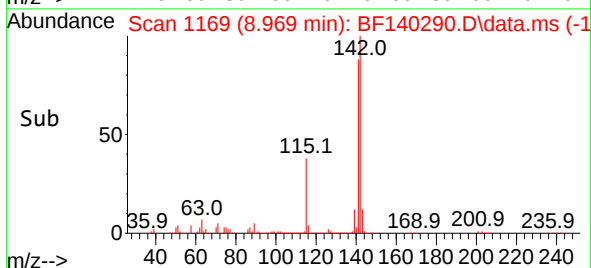
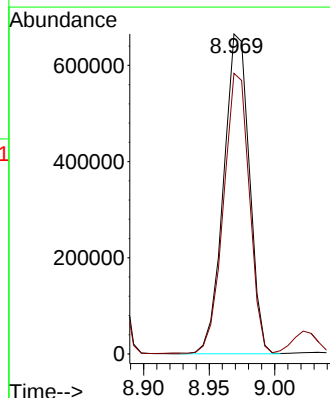
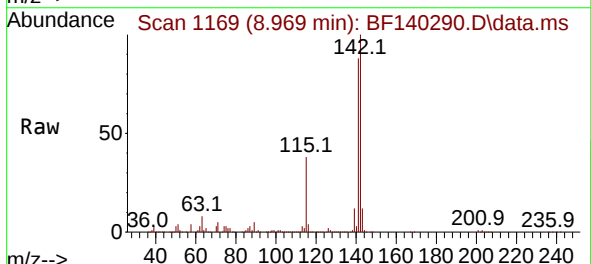
Acq: 08 Nov 2024 11:22

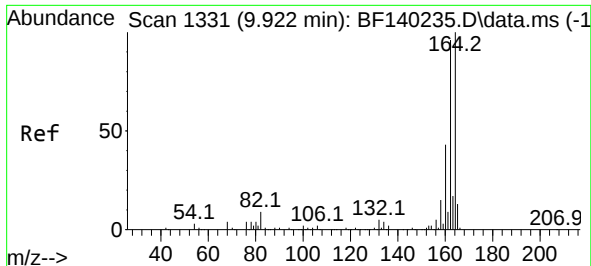
Tgt Ion:142 Resp: 909073

Ion Ratio Lower Upper

142 100

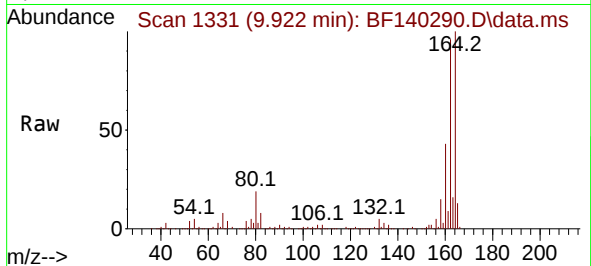
141 87.7 69.7 104.5



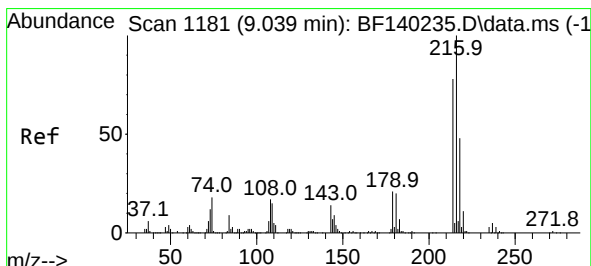
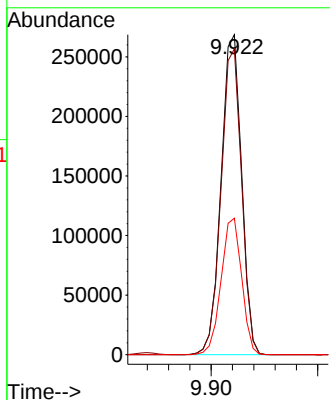
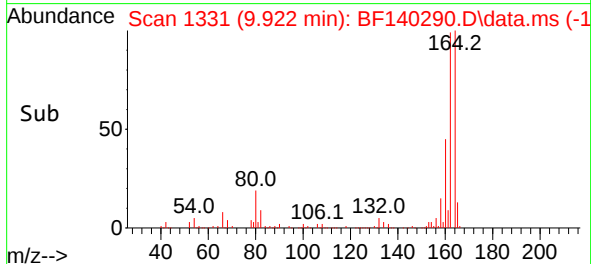


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

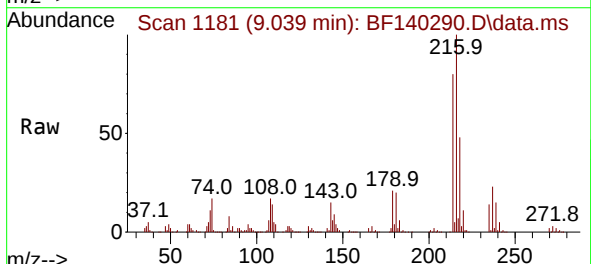
Instrument :
BNA_F
ClientSampleId :
PB164680BS



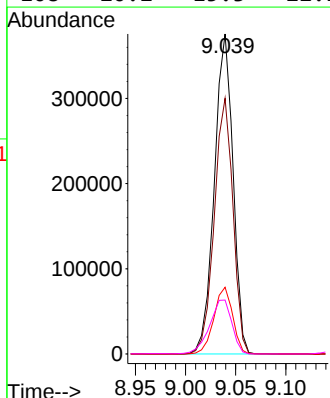
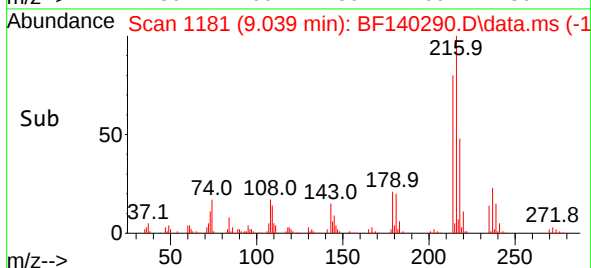
Tgt Ion:164 Resp: 358934
Ion Ratio Lower Upper
164 100
162 95.5 77.0 115.4
160 42.7 34.1 51.1

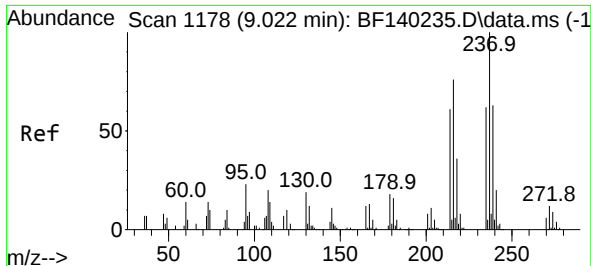


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.185 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22



Tgt Ion:216 Resp: 485301
Ion Ratio Lower Upper
216 100
214 79.8 62.8 94.2
179 21.0 17.3 25.9
108 20.2 15.3 22.9

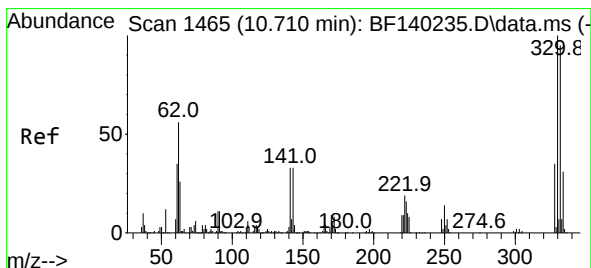
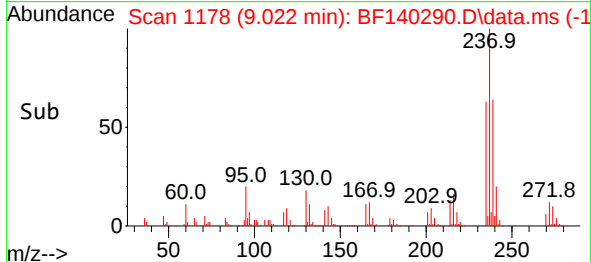
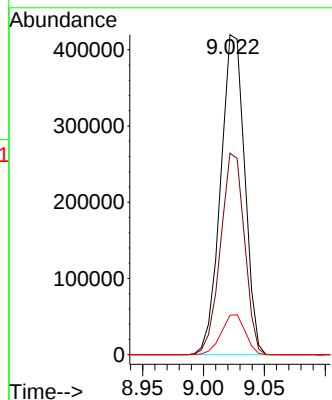
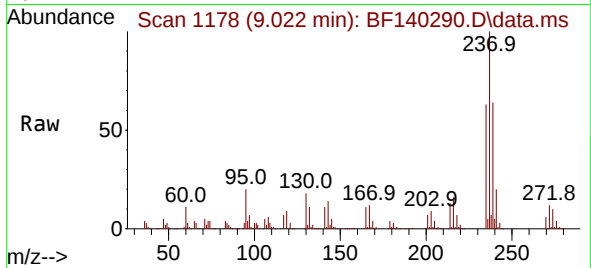




#41
Hexachlorocyclopentadiene
Concen: 196.177 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

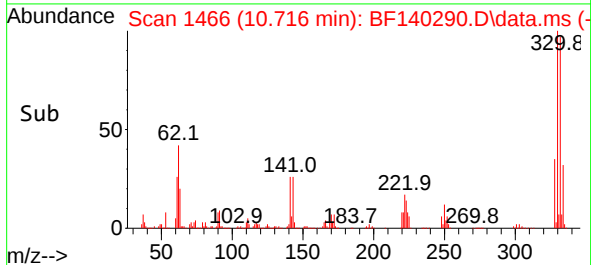
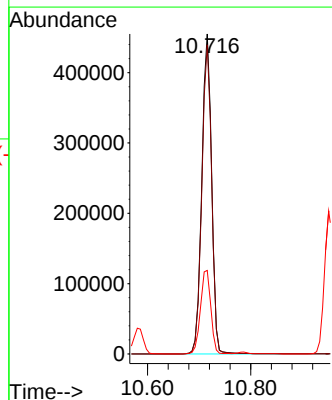
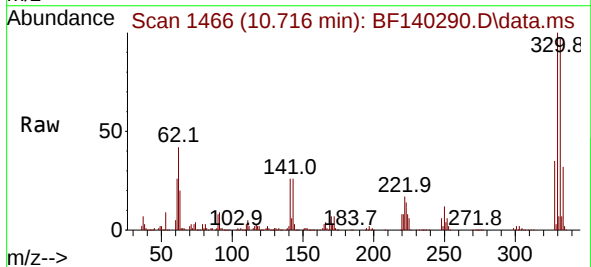
Instrument :
BNA_F
ClientSampleId :
PB164680BS

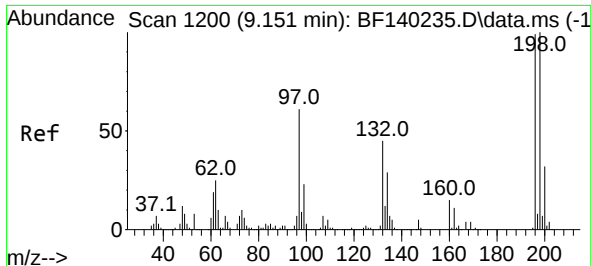
Tgt Ion:237 Resp: 577632
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 12.3 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 169.199 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:330 Resp: 600296
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 27.6 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 52.408 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

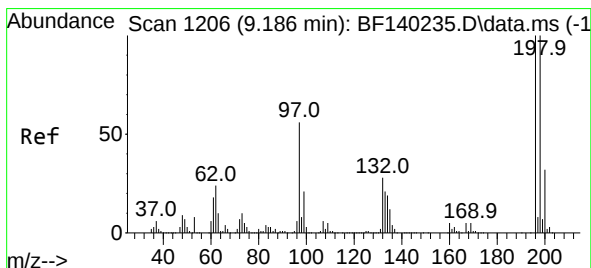
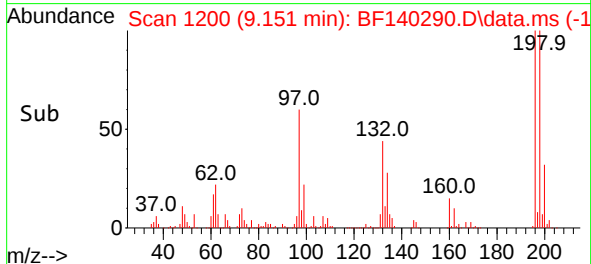
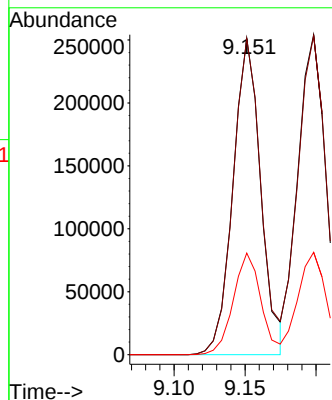
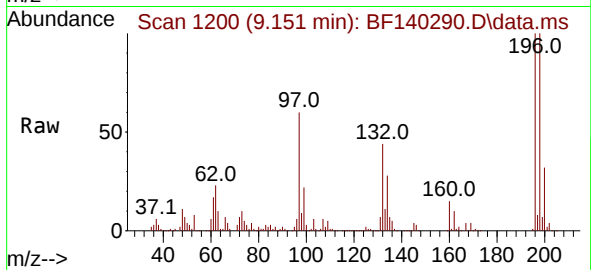
Tgt Ion:196 Resp: 341255

Ion Ratio Lower Upper

196 100

198 99.9 80.8 121.2

200 32.1 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 50.776 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Tgt Ion:196 Resp: 347643

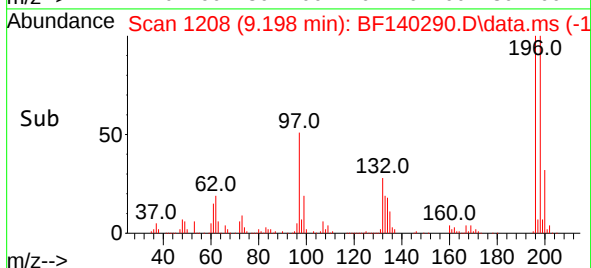
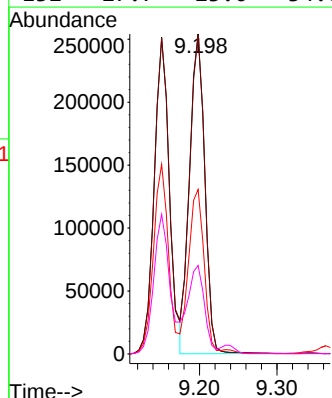
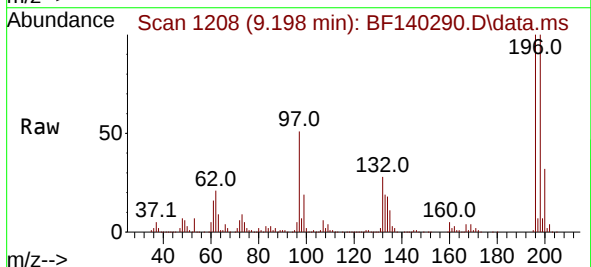
Ion Ratio Lower Upper

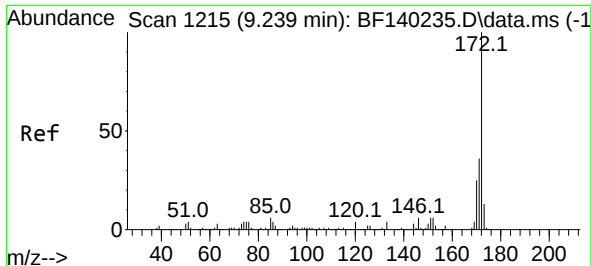
196 100

198 99.7 80.0 120.0

97 51.4 45.7 68.5

132 27.7 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 89.216 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

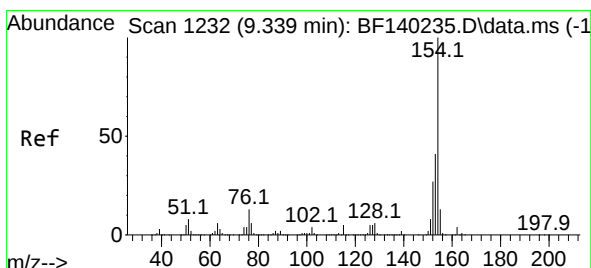
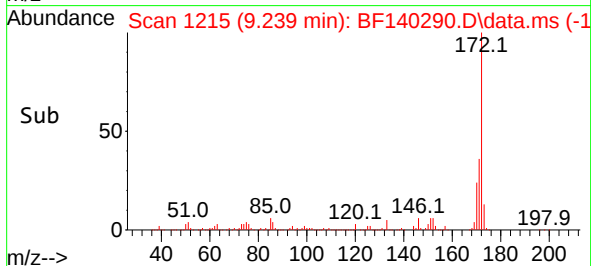
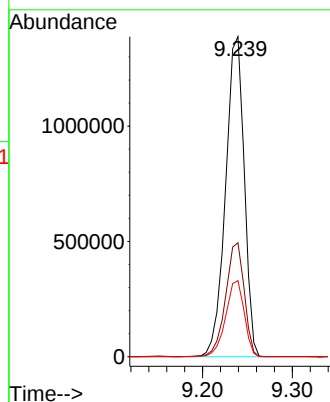
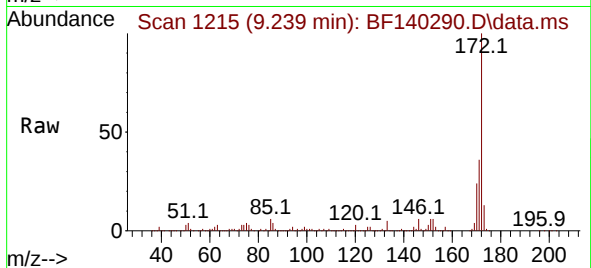
Tgt Ion:172 Resp: 2005414

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.8 19.6 29.4



#46

1,1'-Biphenyl

Concen: 46.828 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

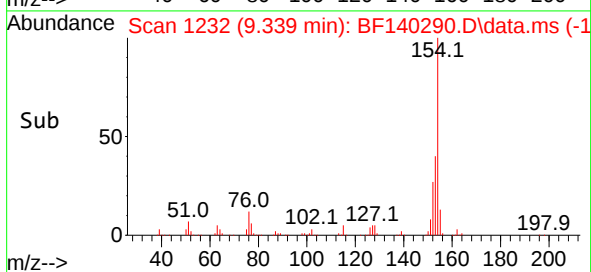
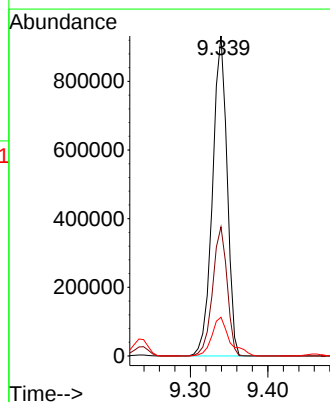
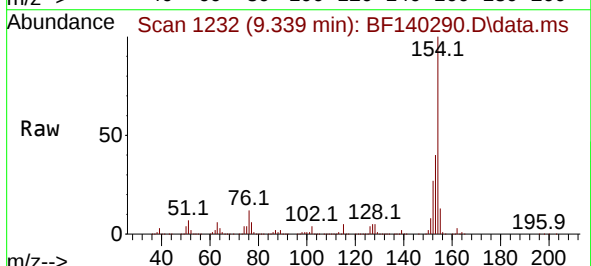
Tgt Ion:154 Resp: 1214929

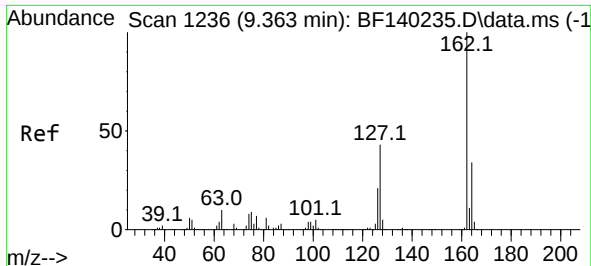
Ion Ratio Lower Upper

154 100

153 40.4 20.8 60.8

76 12.1 0.0 32.6

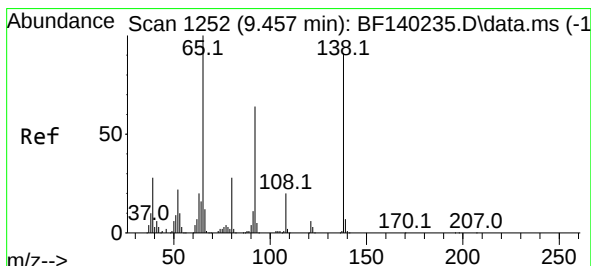
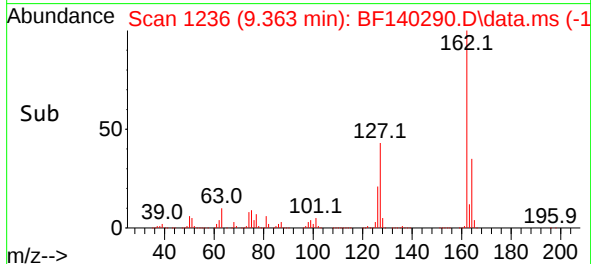
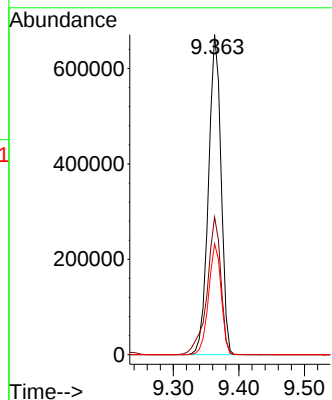
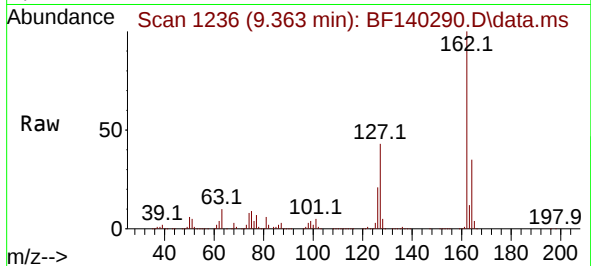




#47
2-Chloronaphthalene
Concen: 45.904 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

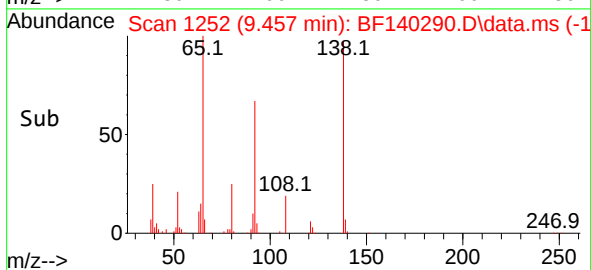
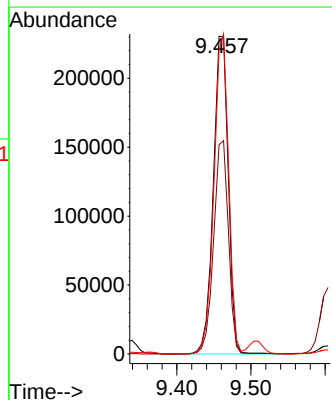
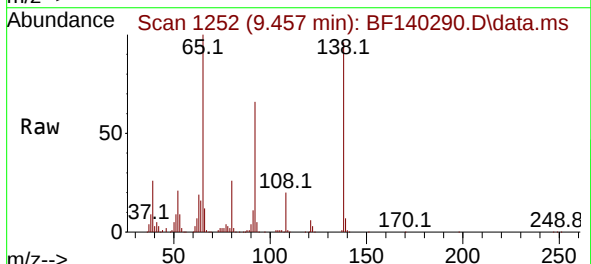
Instrument :
BNA_F
ClientSampleId :
PB164680BS

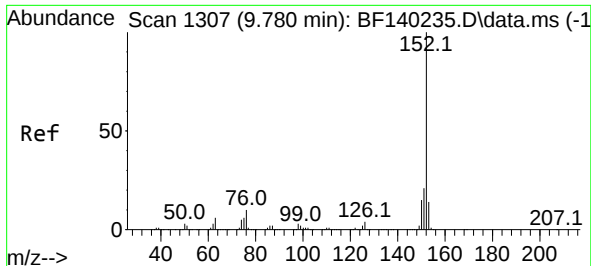
Tgt Ion:162 Resp: 896372
Ion Ratio Lower Upper
162 100
127 43.0 34.8 52.2
164 34.6 27.3 40.9



#48
2-Nitroaniline
Concen: 49.361 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 65 Resp: 322345
Ion Ratio Lower Upper
65 100
92 65.9 51.6 77.4
138 95.7 73.0 109.6





#49

Acenaphthylene

Concen: 52.252 ng

RT: 9.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

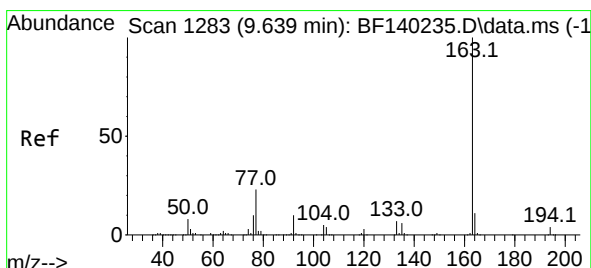
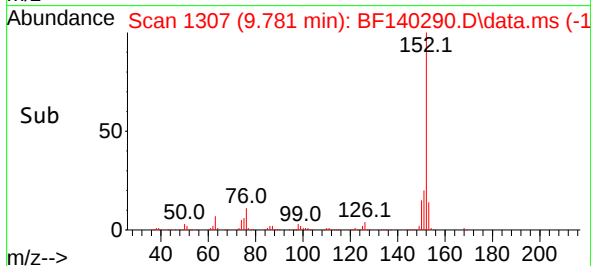
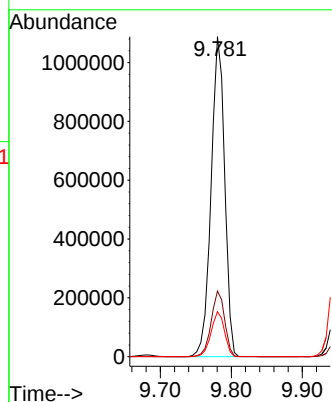
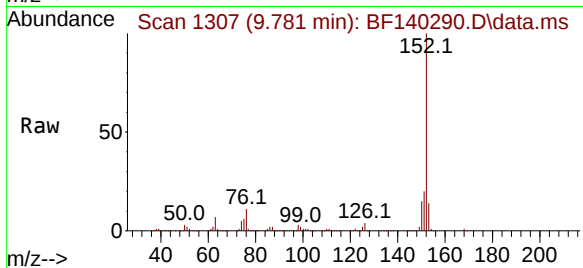
Tgt Ion:152 Resp: 1444545

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 52.096 ng

RT: 9.645 min Scan# 1284

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

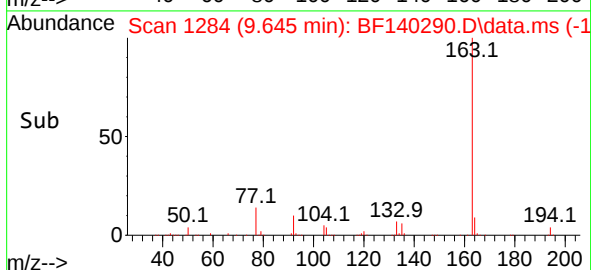
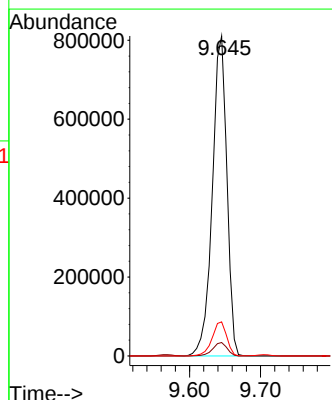
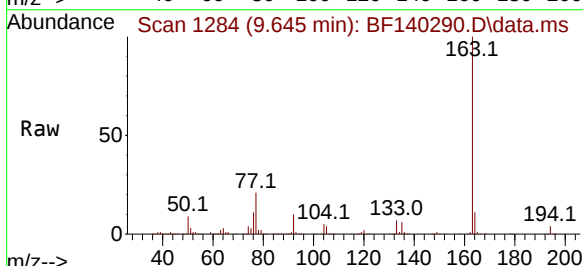
Tgt Ion:163 Resp: 1151608

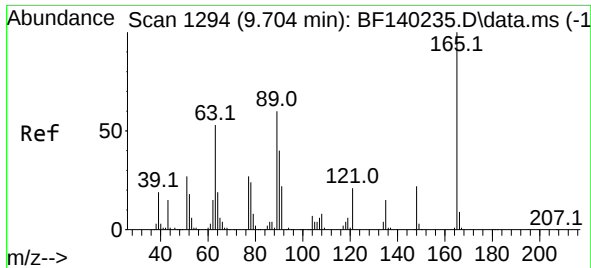
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.6 8.6 13.0

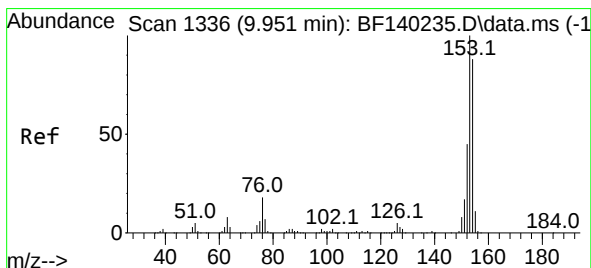
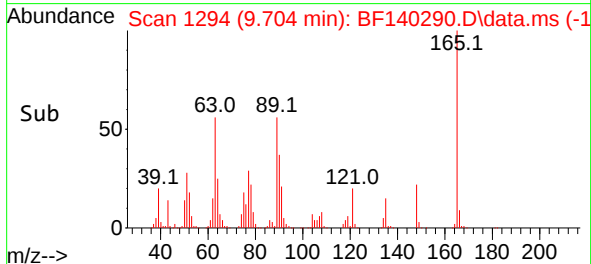
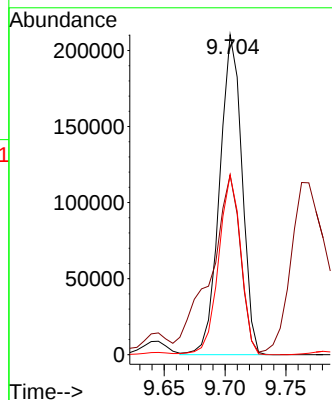
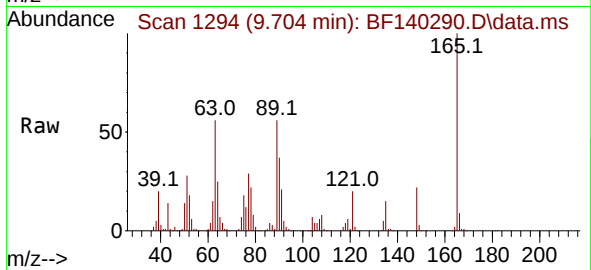




#51
2,6-Dinitrotoluene
Concen: 51.768 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

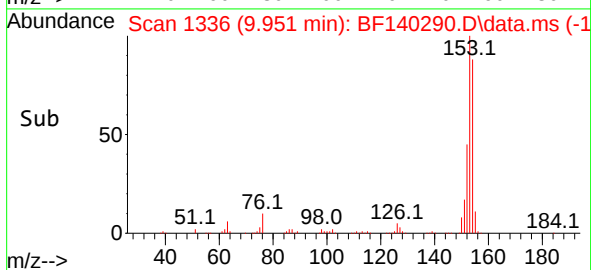
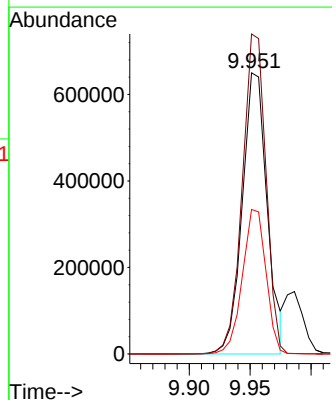
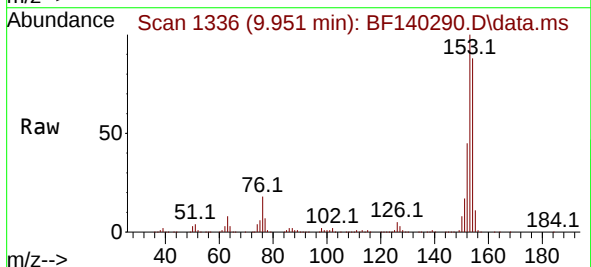
Instrument :
BNA_F
ClientSampleId :
PB164680BS

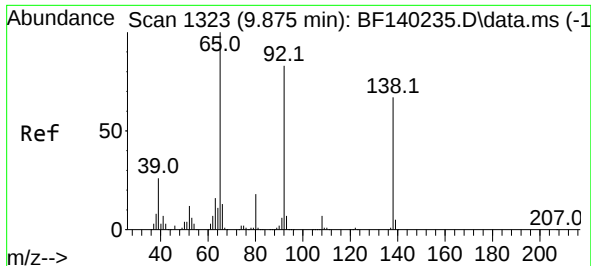
Tgt Ion:165 Resp: 268989
Ion Ratio Lower Upper
165 100
63 56.2 48.8 73.2
89 56.1 48.1 72.1



#52
Acenaphthene
Concen: 47.148 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:154 Resp: 924508
Ion Ratio Lower Upper
154 100
153 113.8 91.3 136.9
152 51.4 41.4 62.2

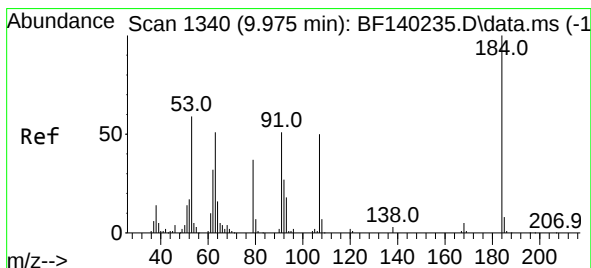
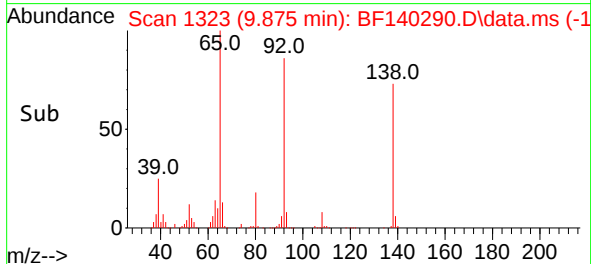
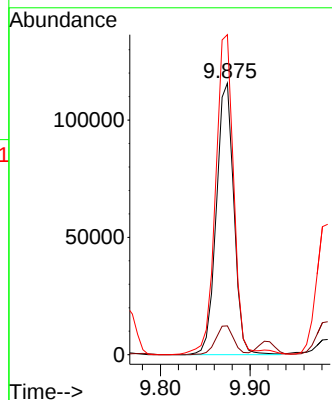
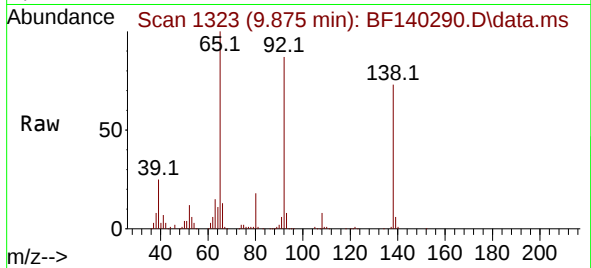




#53
3-Nitroaniline
Concen: 32.072 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

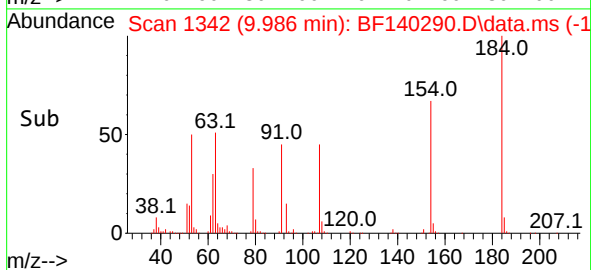
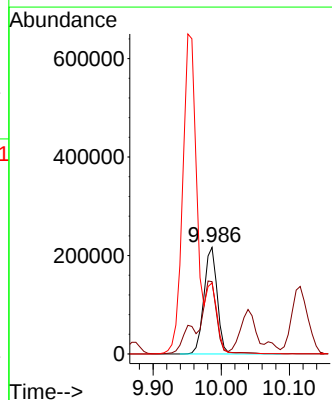
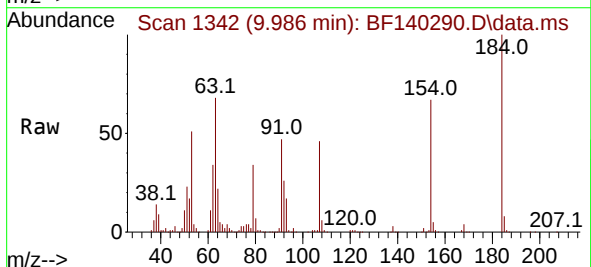
Instrument :
BNA_F
ClientSampleId :
PB164680BS

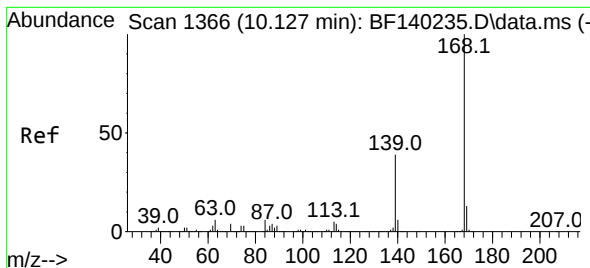
Tgt Ion:138 Resp: 156916
Ion Ratio Lower Upper
138 100
108 10.6 8.8 13.2
92 117.8 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 113.928 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.011 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:184 Resp: 297697
Ion Ratio Lower Upper
184 100
63 67.8 60.1 90.1
154 66.7 66.3 99.5

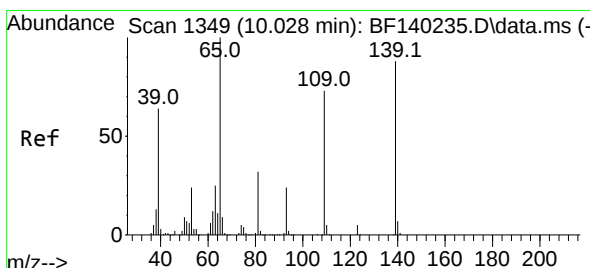
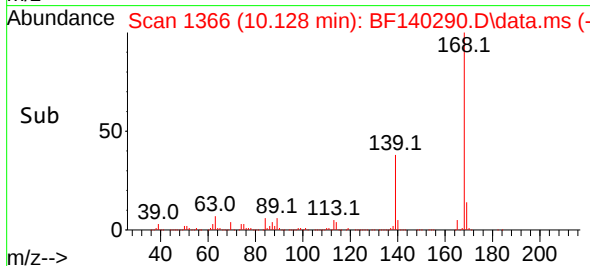
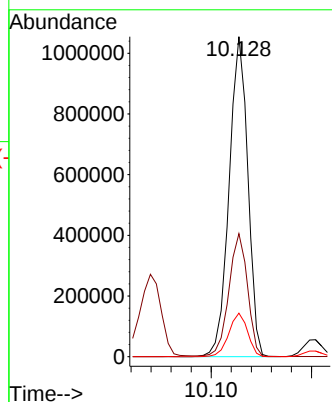
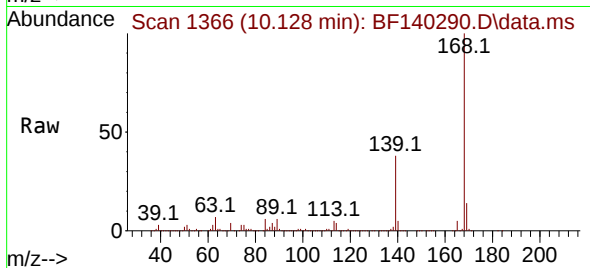




#55
Dibenzenofuran
Concen: 49.743 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.001 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

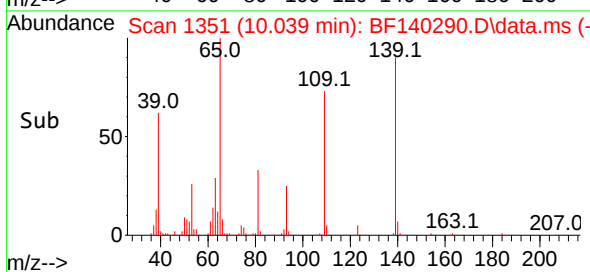
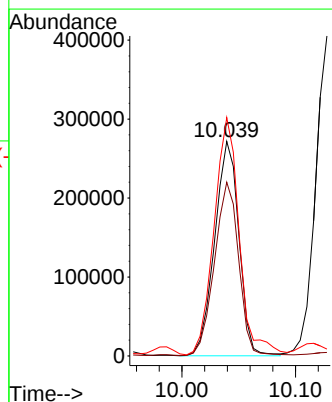
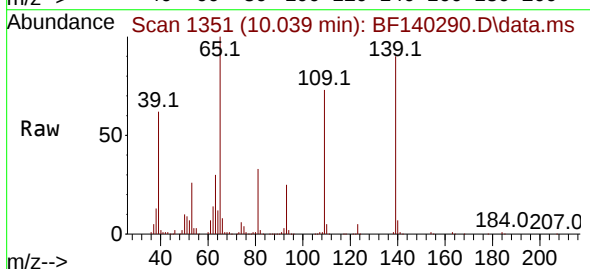
Instrument :
BNA_F
ClientSampleId :
PB164680BS

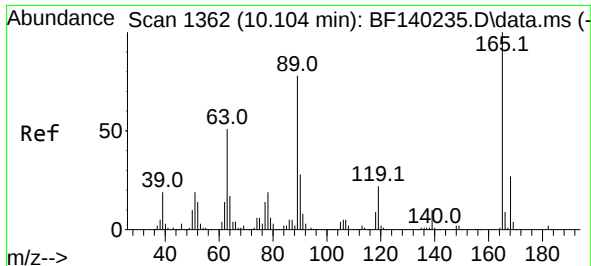
Tgt Ion:168 Resp: 1363940
Ion Ratio Lower Upper
168 100
139 38.4 31.5 47.3
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 116.909 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.012 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:139 Resp: 402187
Ion Ratio Lower Upper
139 100
109 81.0 63.8 103.8
65 111.1 94.7 134.7

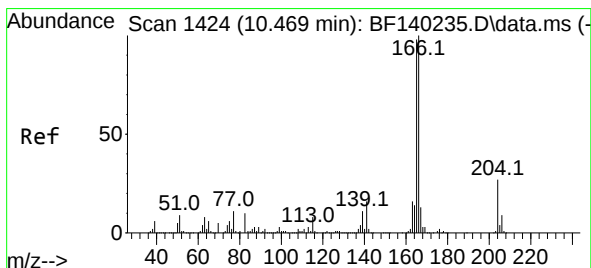
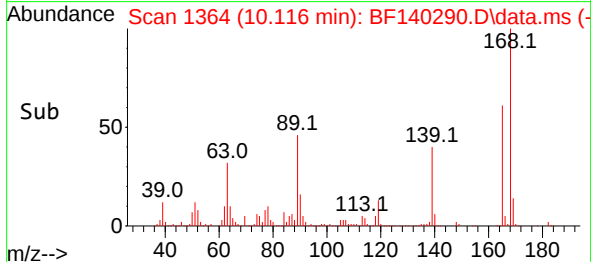
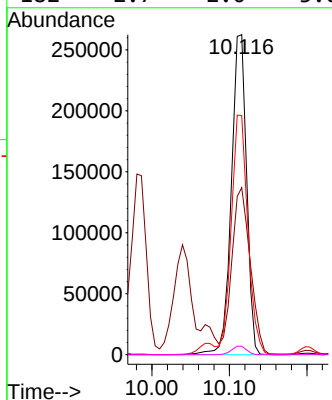
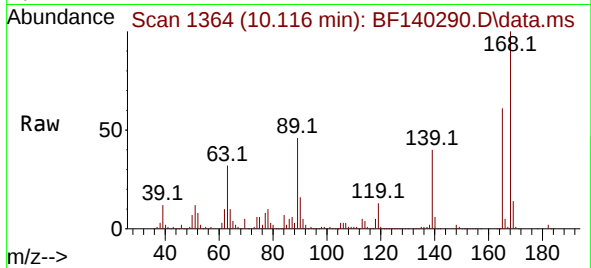




#57
2,4-Dinitrotoluene
Concen: 53.315 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.012 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

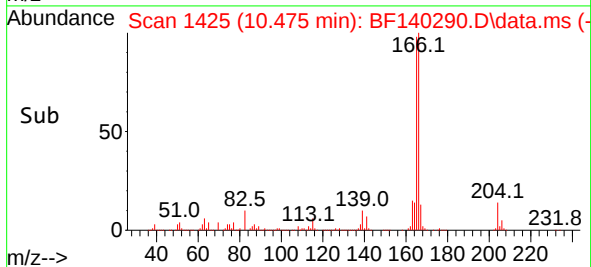
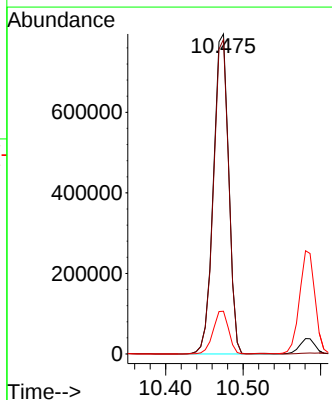
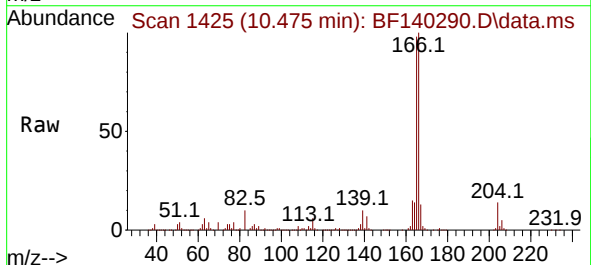
Instrument :
BNA_F
ClientSampleId :
PB164680BS

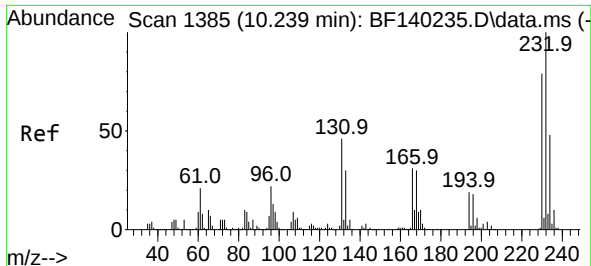
Tgt Ion:165 Resp: 359490
Ion Ratio Lower Upper
165 100
63 52.2 41.3 61.9
89 74.7 62.6 94.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 49.790 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:166 Resp: 1086752
Ion Ratio Lower Upper
166 100
165 98.3 78.7 118.1
167 13.3 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 58.181 ng

RT: 10.245 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

Tgt Ion:232 Resp: 326317

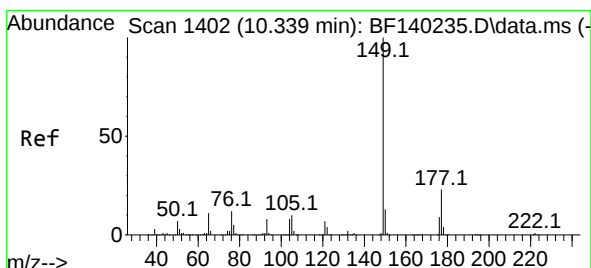
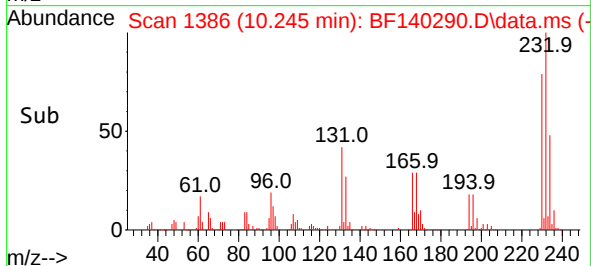
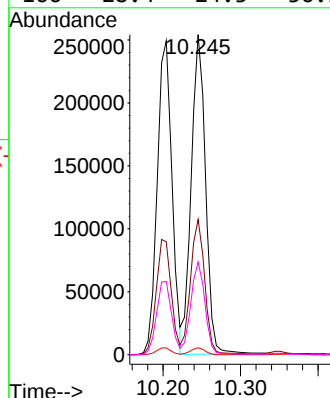
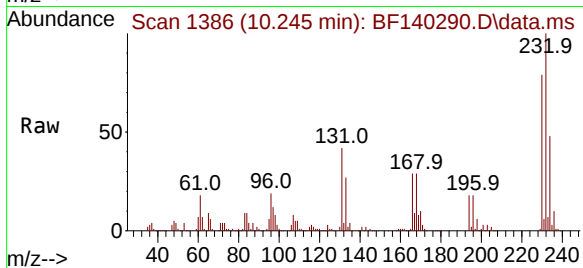
Ion Ratio Lower Upper

232 100

131 42.2 37.2 55.8

130 2.1 1.8 2.8

166 28.4 24.3 36.5



#60

Diethylphthalate

Concen: 52.056 ng

RT: 10.345 min Scan# 1403

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

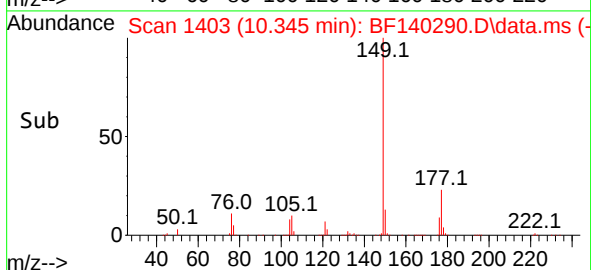
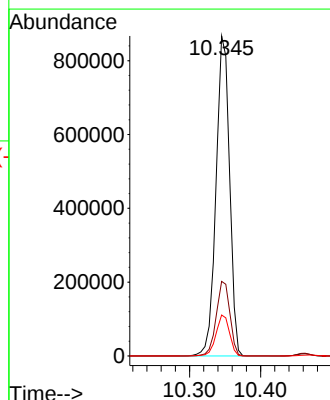
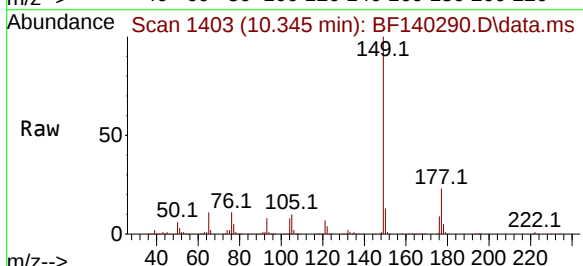
Tgt Ion:149 Resp: 1143502

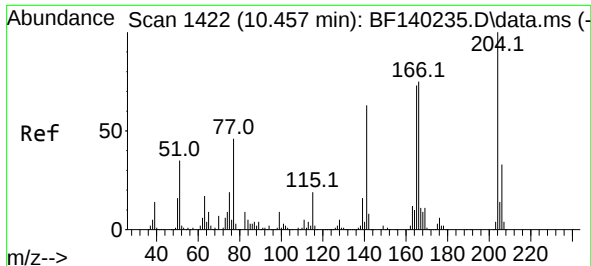
Ion Ratio Lower Upper

149 100

177 23.3 18.1 27.1

150 12.8 10.2 15.4

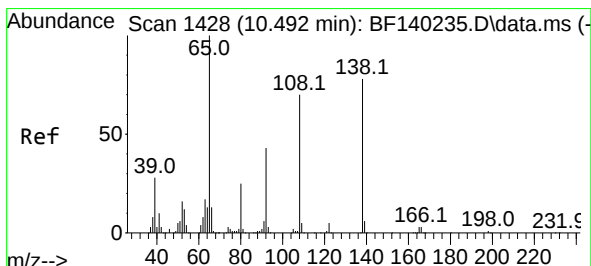
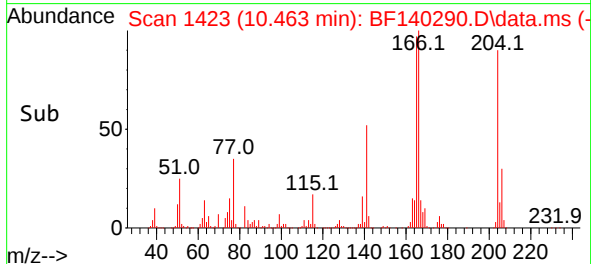
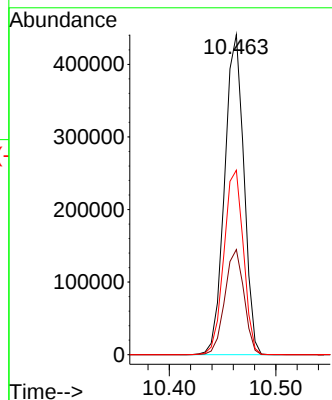
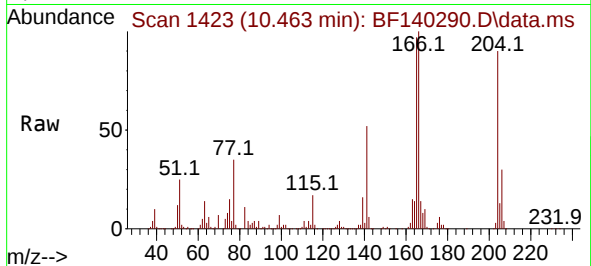




#61
4-Chlorophenyl-phenylether
Concen: 50.253 ng
RT: 10.463 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

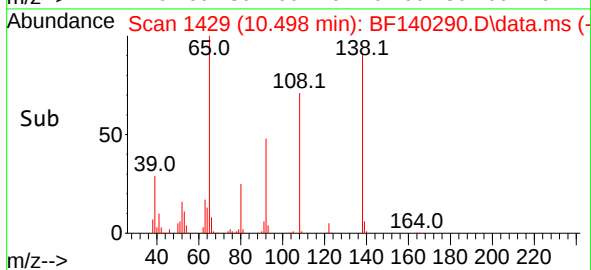
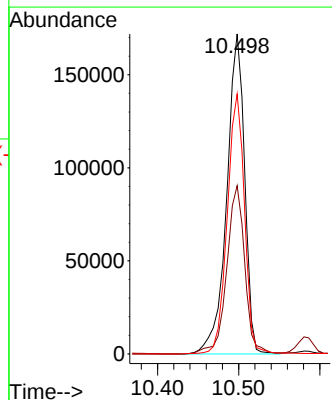
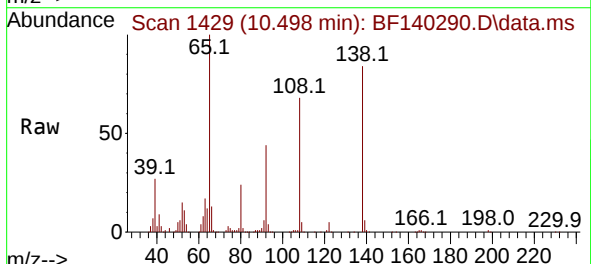
Instrument :
BNA_F
ClientSampleId :
PB164680BS

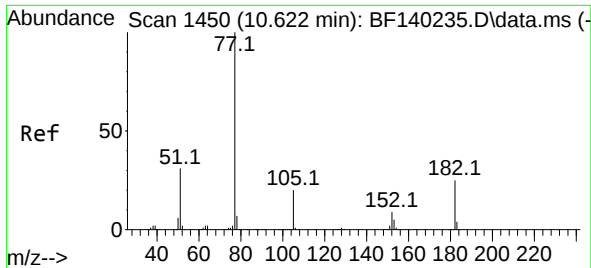
Tgt Ion:204 Resp: 552803
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.4
141 57.6 50.3 75.5



#62
4-Nitroaniline
Concen: 54.250 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:138 Resp: 263768
Ion Ratio Lower Upper
138 100
92 52.6 35.3 75.3
108 81.3 70.1 110.1

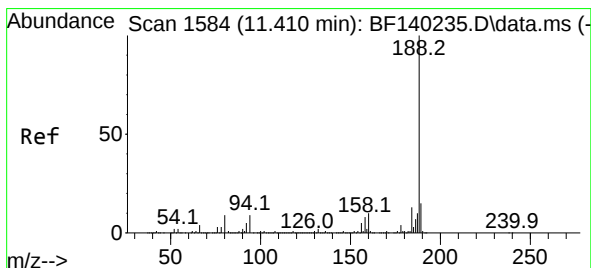
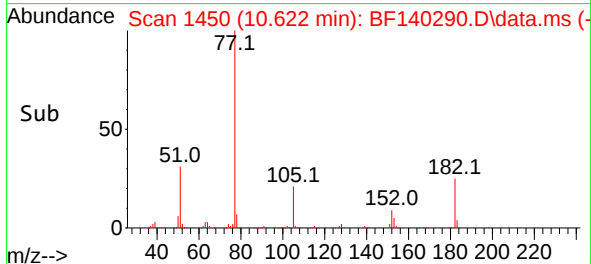
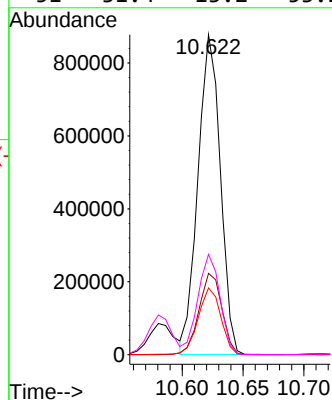
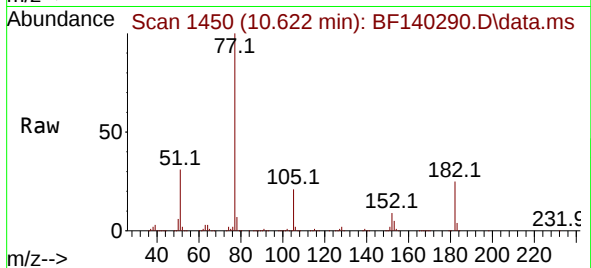




#63
Azobenzene
Concen: 49.322 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

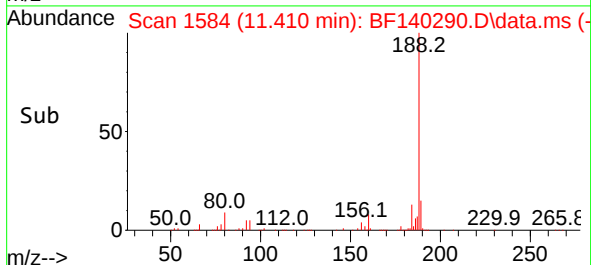
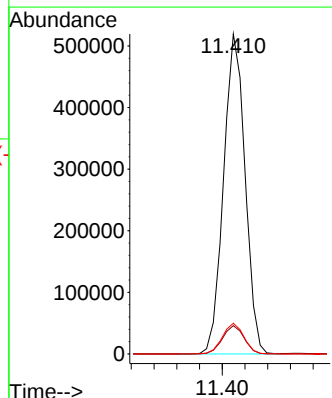
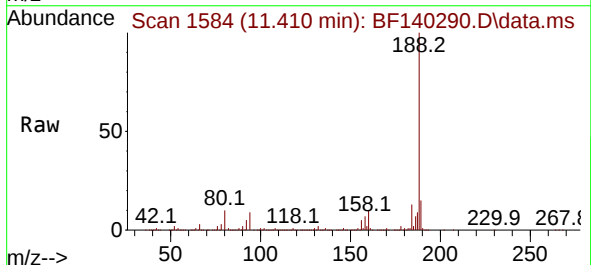
Instrument :
BNA_F
ClientSampleId :
PB164680BS

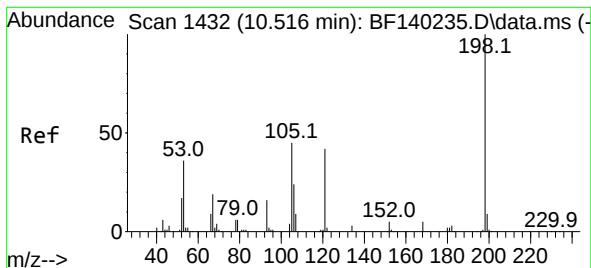
Tgt Ion: 77 Resp: 1123129
Ion Ratio Lower Upper
77 100
182 25.4 4.7 44.7
105 20.8 0.0 40.0
51 31.4 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion: 188 Resp: 682080
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.6 7.5 11.3

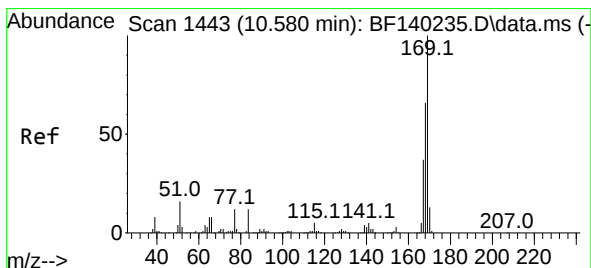
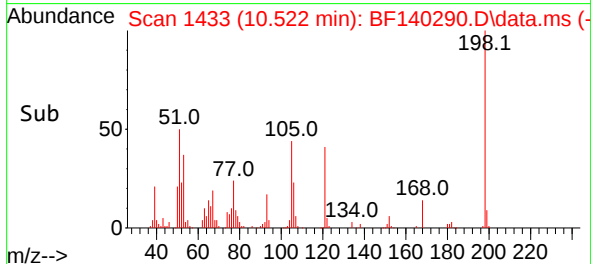
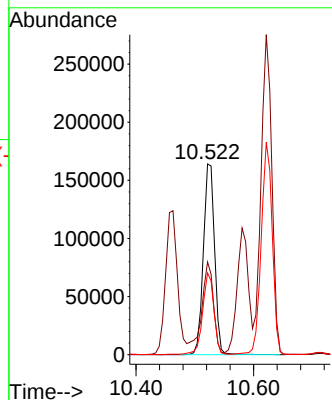
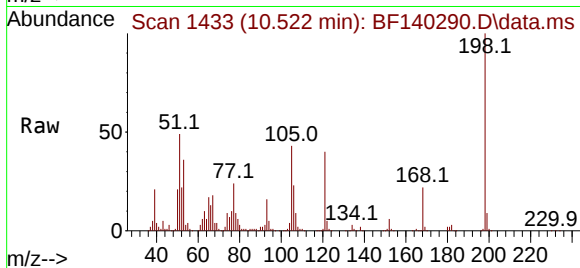




#65
4,6-Dinitro-2-methylphenol
Concen: 60.766 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

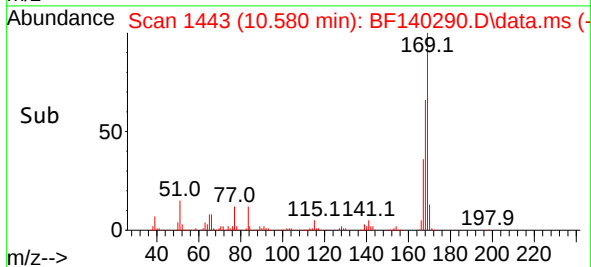
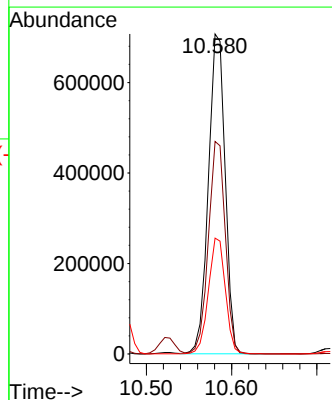
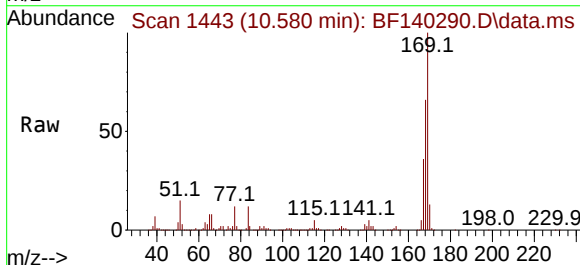
Instrument :
BNA_F
ClientSampleId :
PB164680BS

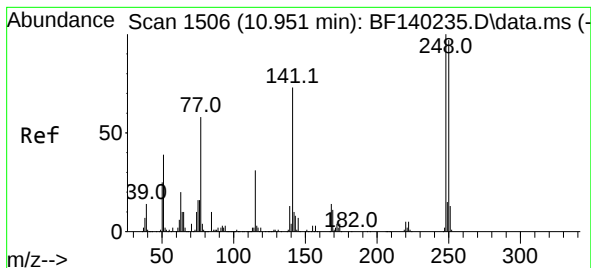
Tgt Ion:198 Resp: 217682
Ion Ratio Lower Upper
198 100
51 48.6 34.0 74.0
105 42.8 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 49.226 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:169 Resp: 965701
Ion Ratio Lower Upper
169 100
168 66.4 53.0 79.6
167 36.2 29.4 44.2

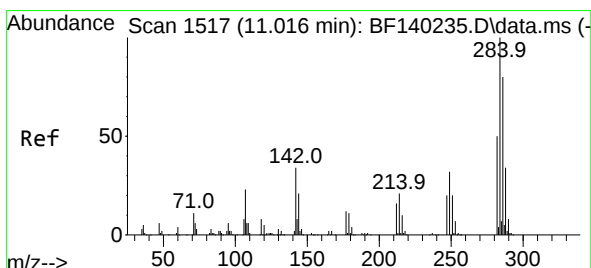
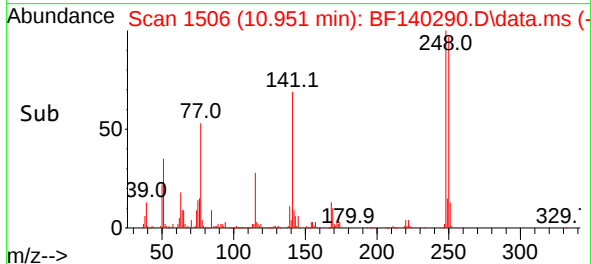
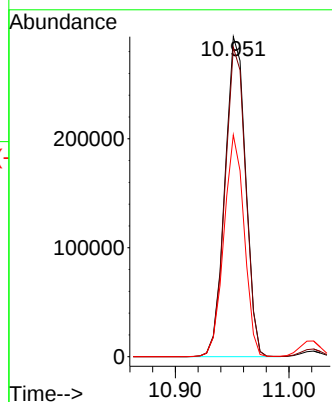
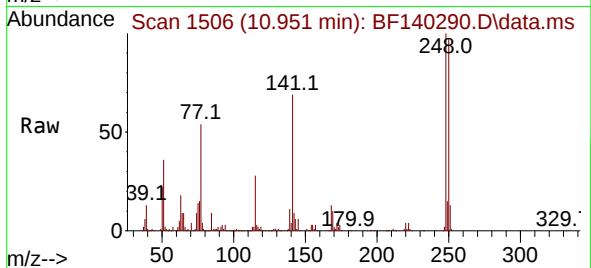




#67
4-Bromophenyl-phenylether
Concen: 50.735 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

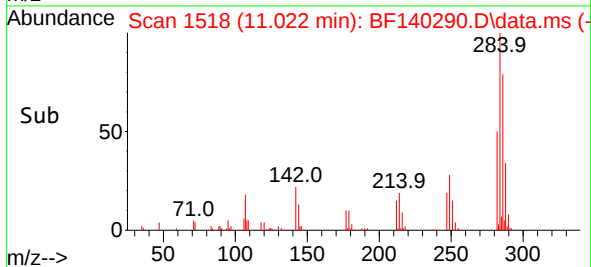
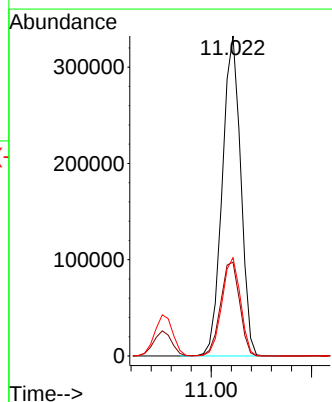
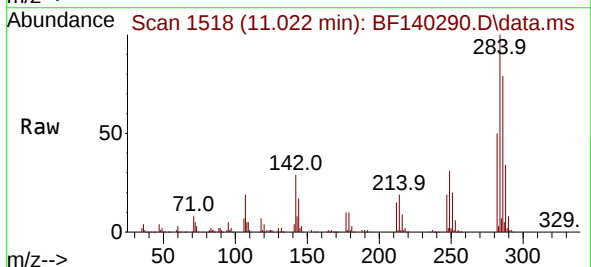
Instrument :
BNA_F
ClientSampleId :
PB164680BS

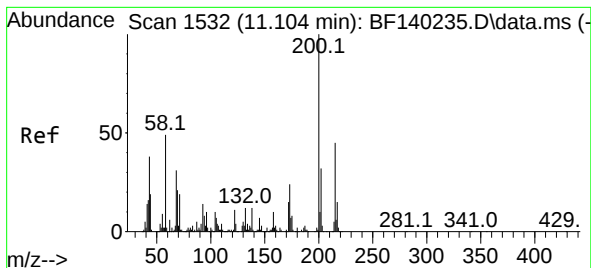
Tgt Ion:248 Resp: 372643
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 69.3 58.6 88.0



#68
Hexachlorobenzene
Concen: 50.527 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:284 Resp: 423022
Ion Ratio Lower Upper
284 100
142 29.3 27.5 41.3
249 30.7 26.2 39.2





#69

Atrazine

Concen: 68.648 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

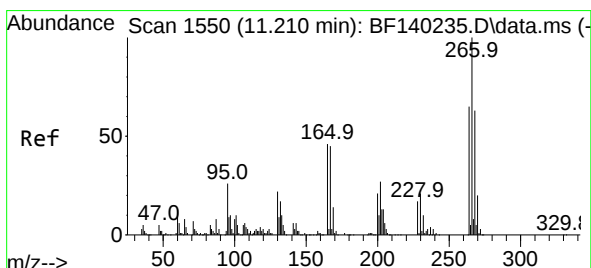
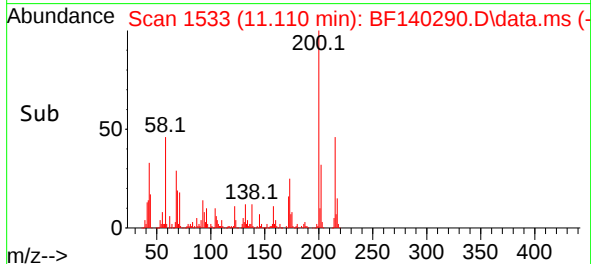
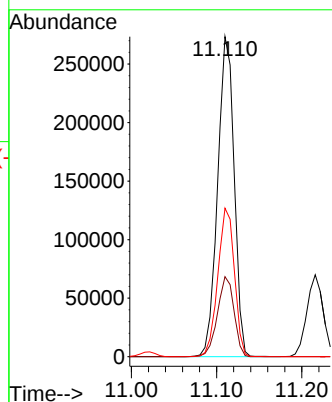
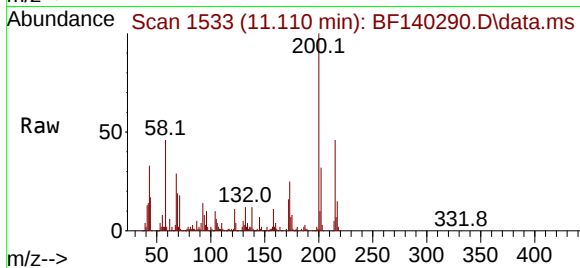
Tgt Ion:200 Resp: 368449

Ion Ratio Lower Upper

200 100

173 25.0 4.4 44.4

215 46.4 25.2 65.2



#70

Pentachlorophenol

Concen: 111.658 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

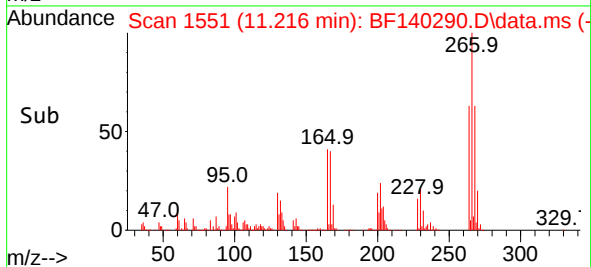
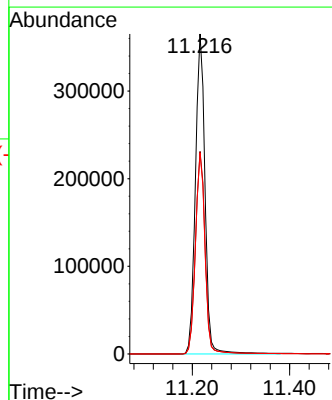
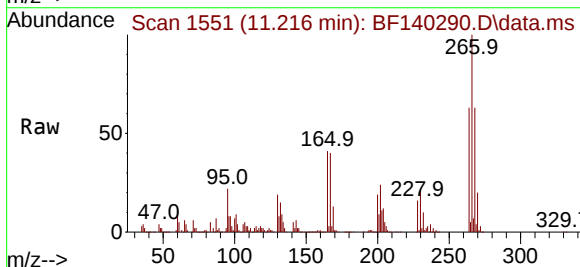
Tgt Ion:266 Resp: 501971

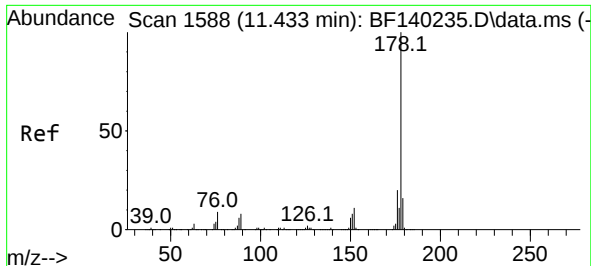
Ion Ratio Lower Upper

266 100

268 63.3 50.2 75.4

264 62.8 52.2 78.4

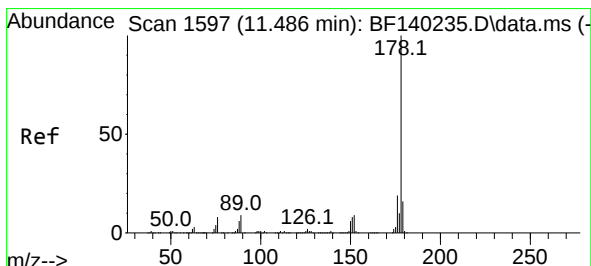
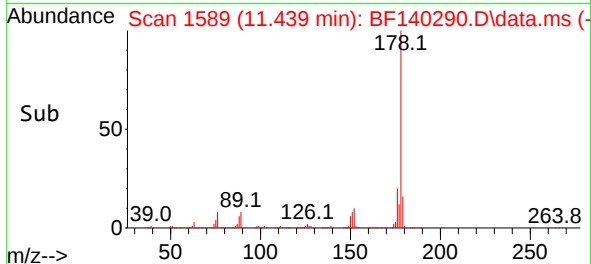
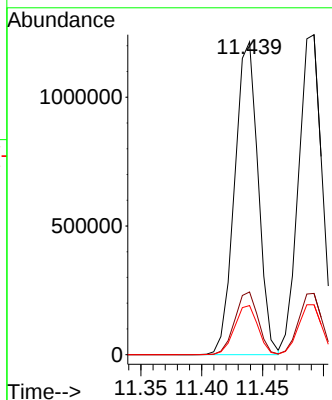
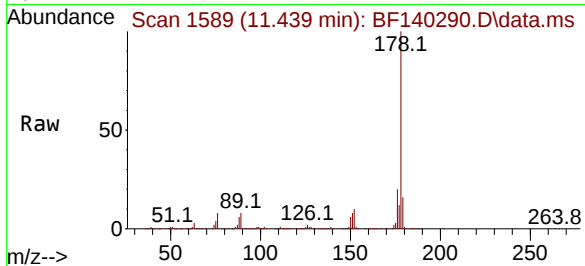




#71
Phenanthrene
Concen: 50.072 ng
RT: 11.439 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

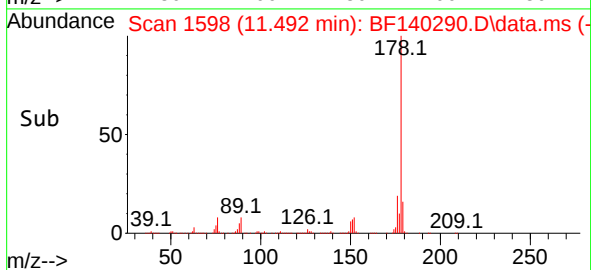
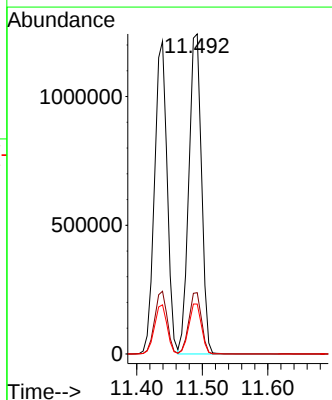
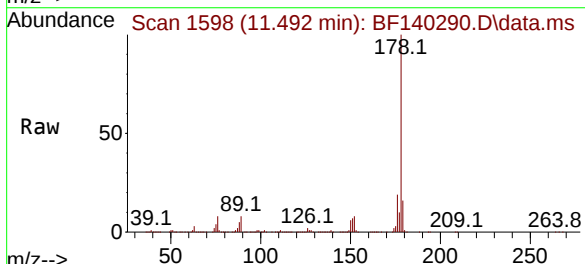
Instrument :
BNA_F
ClientSampleId :
PB164680BS

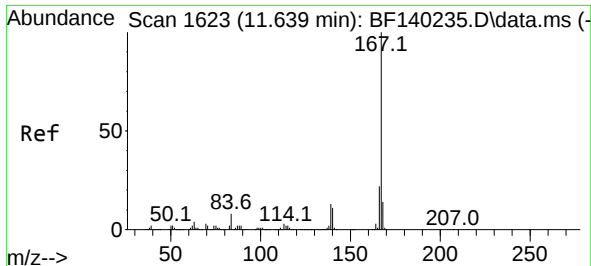
Tgt Ion:178 Resp: 1629896
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.7 12.6 18.8



#72
Anthracene
Concen: 52.139 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:178 Resp: 1664228
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.7 19.1

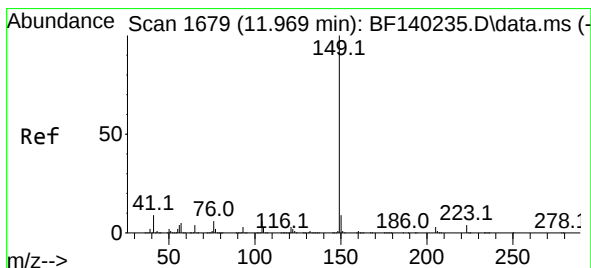
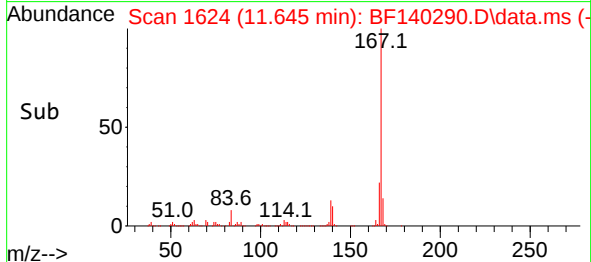
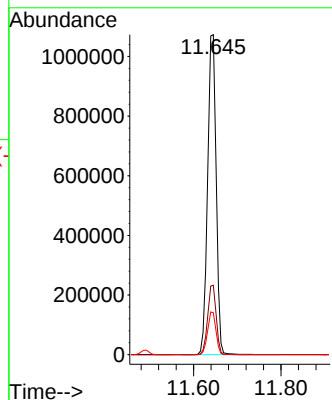
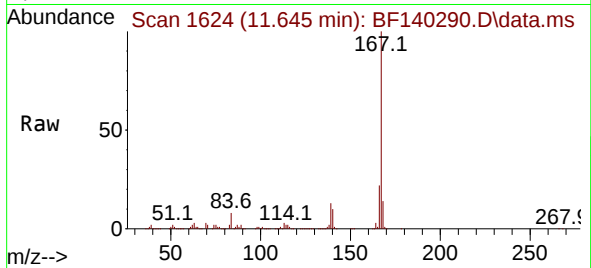




#73
Carbazole
Concen: 50.323 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

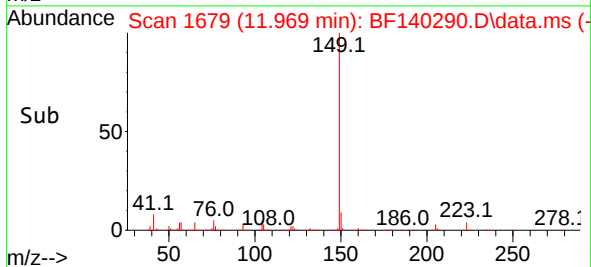
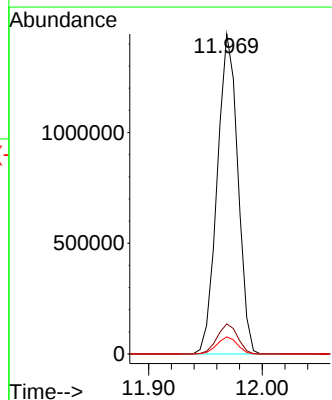
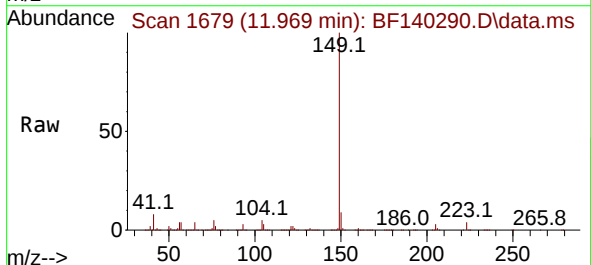
Instrument :
BNA_F
ClientSampleId :
PB164680BS

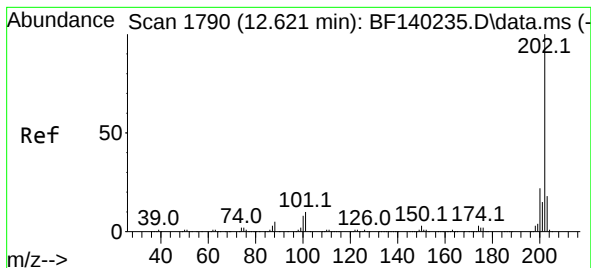
Tgt Ion:167 Resp: 1467663
Ion Ratio Lower Upper
167 100
166 21.7 17.3 25.9
139 13.1 10.7 16.1



#74
Di-n-butylphthalate
Concen: 52.813 ng
RT: 11.969 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:149 Resp: 1823258
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.3 4.5 6.7





#75

Fluoranthene

Concen: 51.545 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

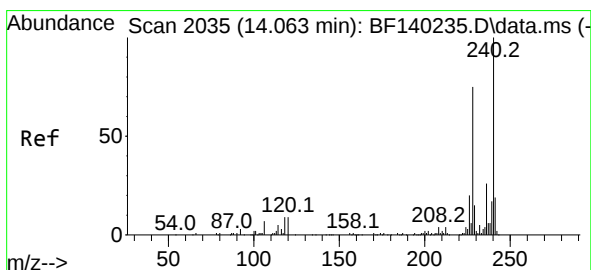
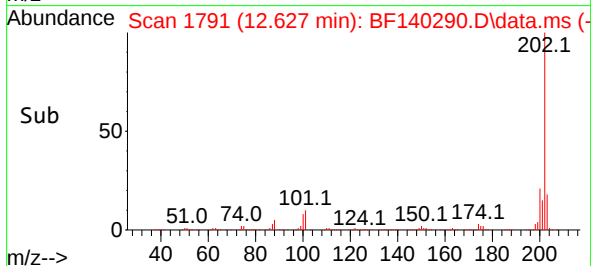
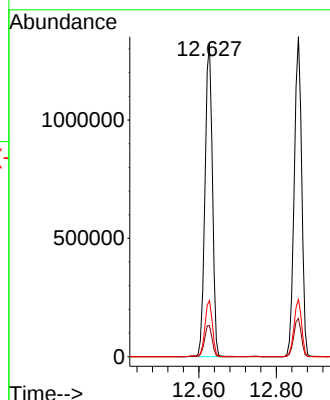
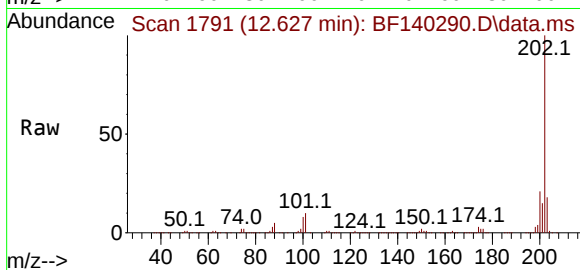
Tgt Ion:202 Resp: 1754421

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.4

203 17.9 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: BF140290.D

Acq: 08 Nov 2024 11:22

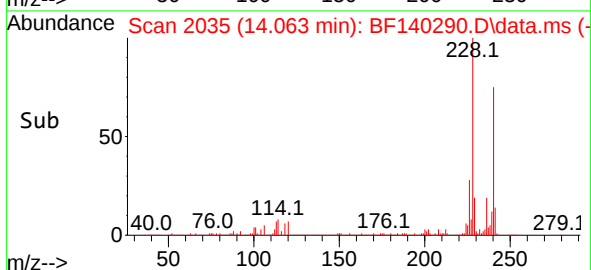
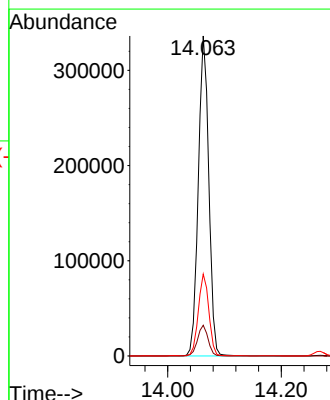
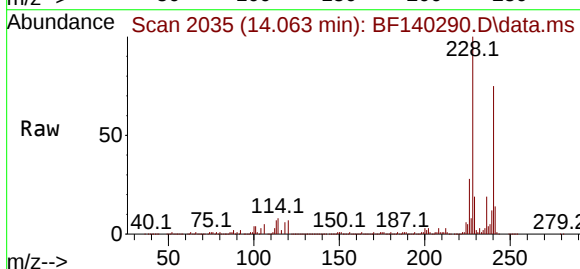
Tgt Ion:240 Resp: 432746

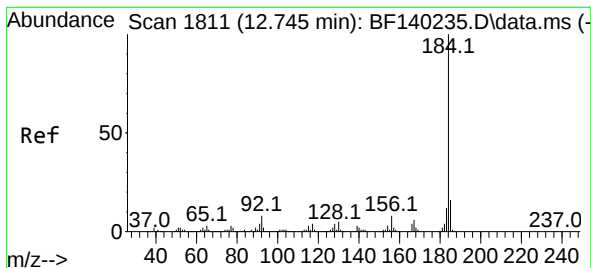
Ion Ratio Lower Upper

240 100

120 9.6 7.5 11.3

236 25.6 20.9 31.3





#77

Benzidine

Concen: 52.868 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

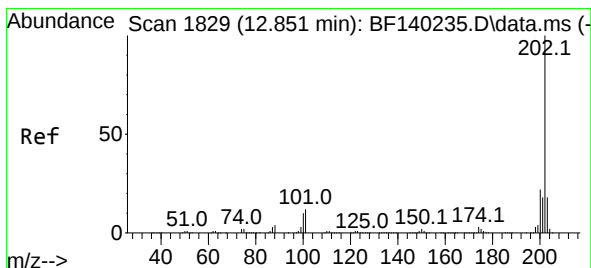
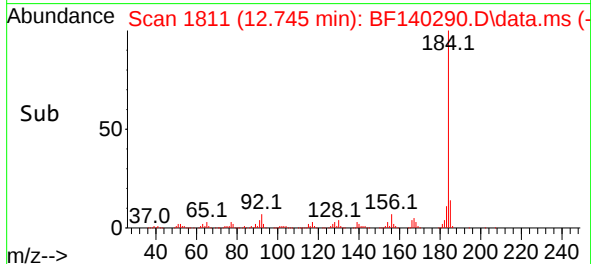
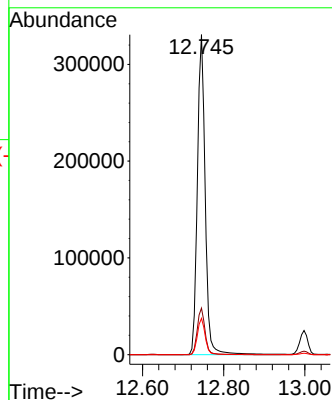
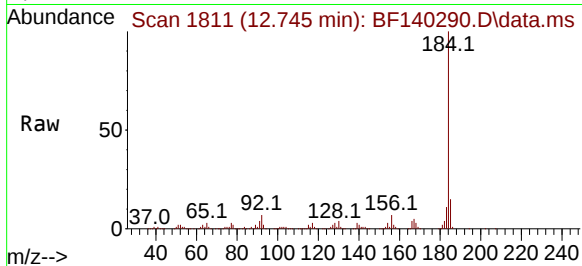
Tgt Ion:184 Resp: 447314

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

183 11.4 9.3 13.9



#78

Pyrene

Concen: 50.321 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

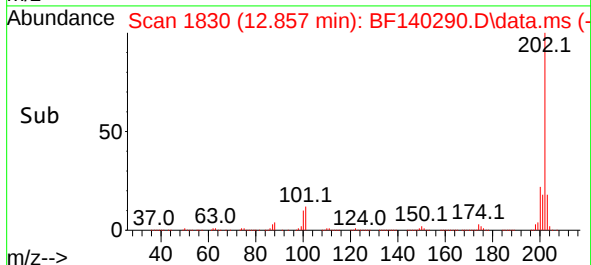
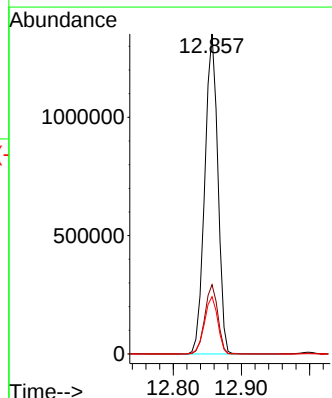
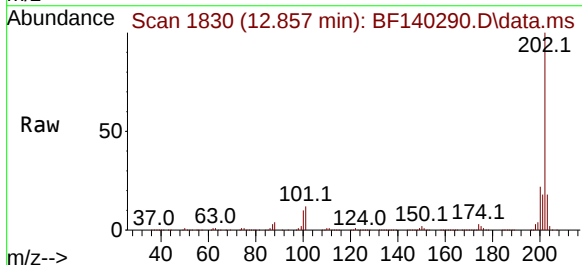
Tgt Ion:202 Resp: 1798004

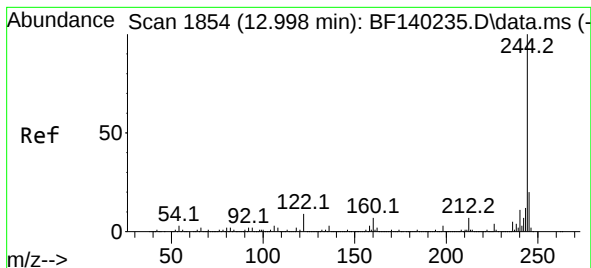
Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 100.191 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

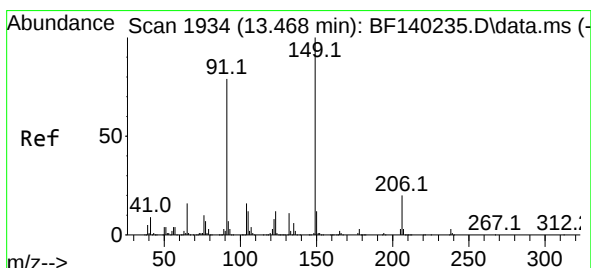
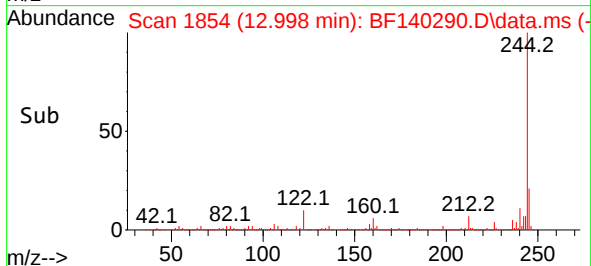
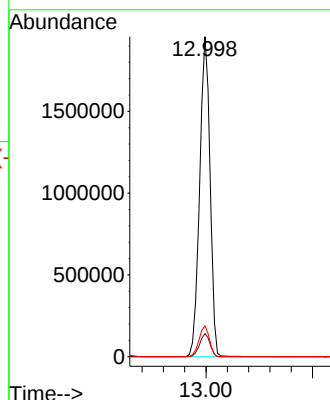
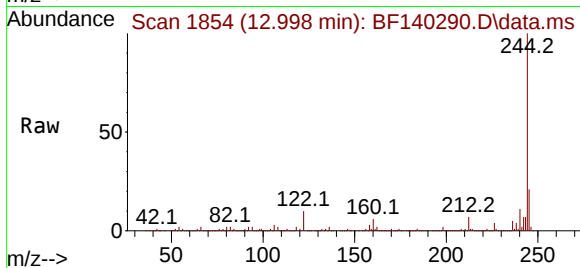
Tgt Ion:244 Resp: 2646767

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.6 7.6 11.4



#80

Butylbenzylphthalate

Concen: 55.821 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

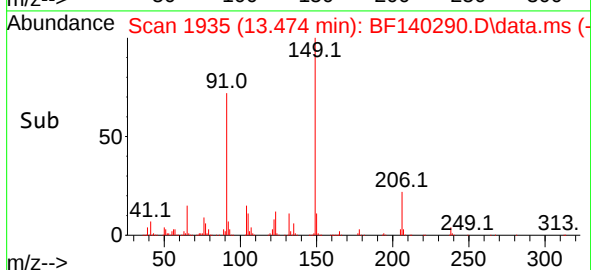
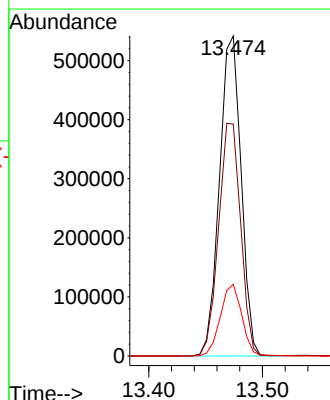
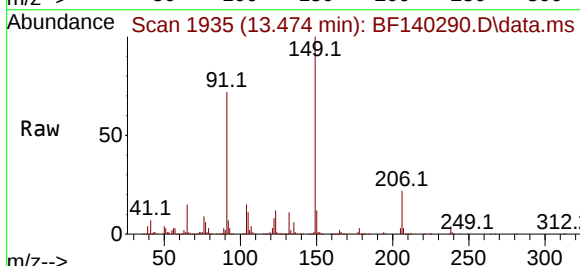
Tgt Ion:149 Resp: 718200

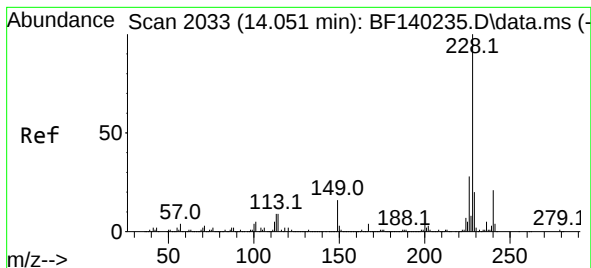
Ion Ratio Lower Upper

149 100

91 72.5 63.0 94.4

206 22.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.709 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

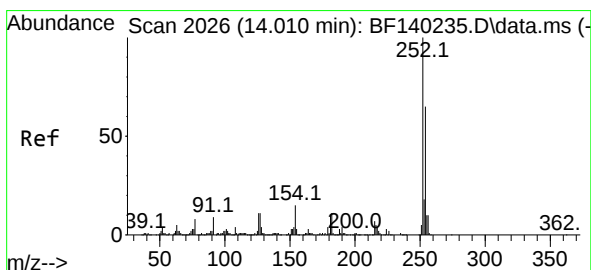
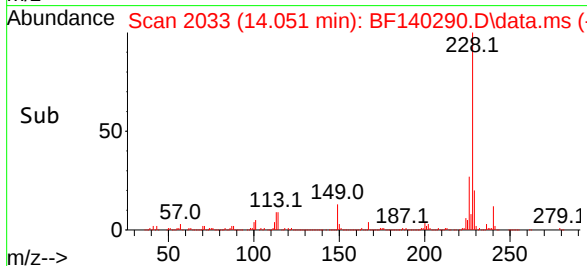
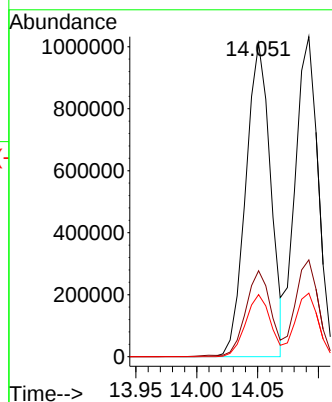
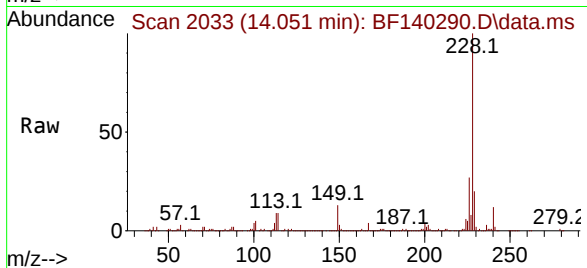
Tgt Ion:228 Resp: 1436037

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 36.369 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

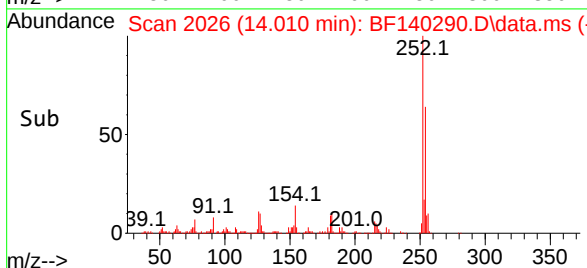
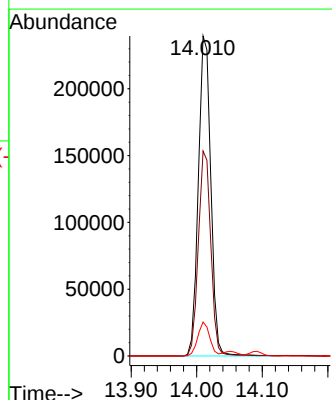
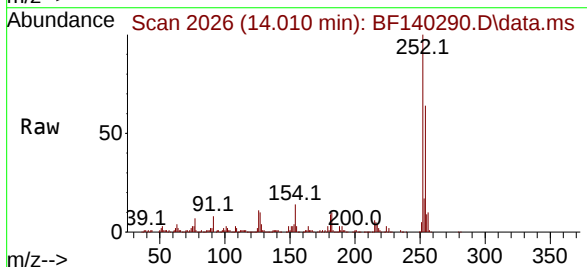
Tgt Ion:252 Resp: 317181

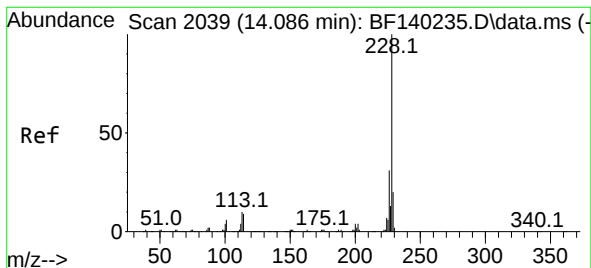
Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.8

126 10.6 8.6 12.8





#83

Chrysene

Concen: 51.980 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

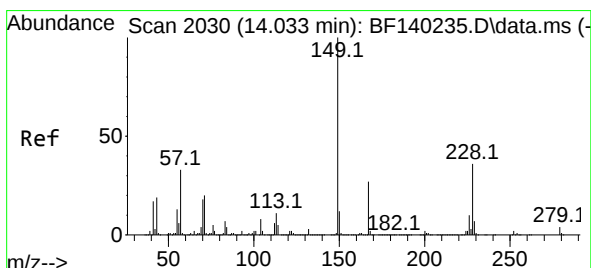
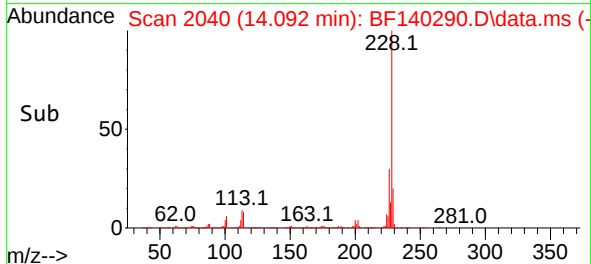
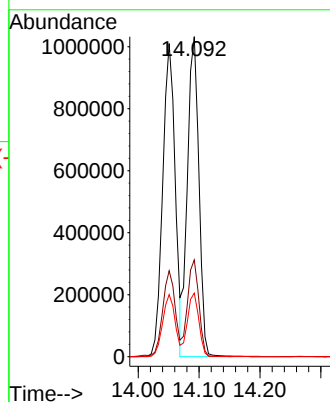
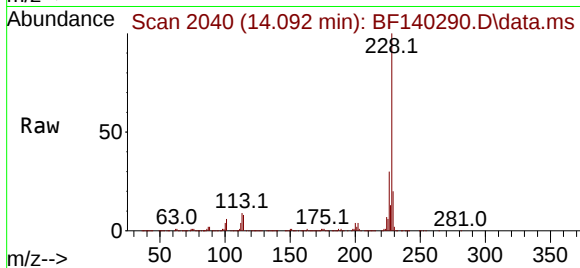
Tgt Ion:228 Resp: 1351833

Ion Ratio Lower Upper

228 100

226 30.3 24.6 36.8

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.629 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

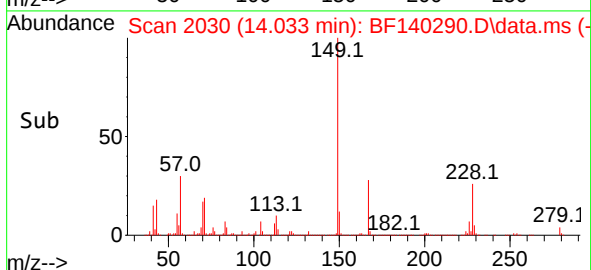
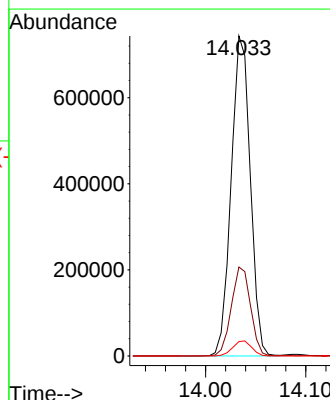
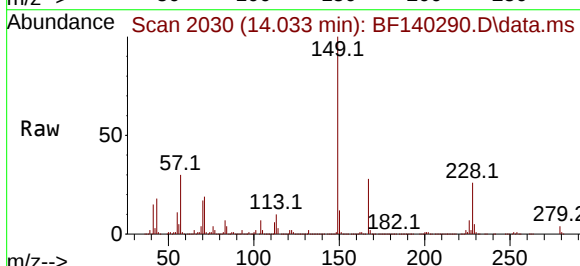
Tgt Ion:149 Resp: 985096

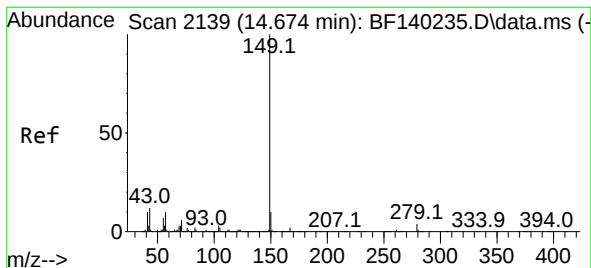
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.698 ng

RT: 14.668 min Scan# 2139

Delta R.T. -0.006 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

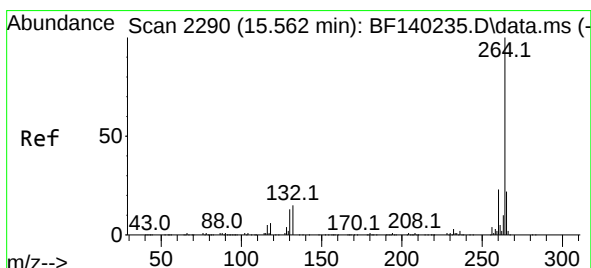
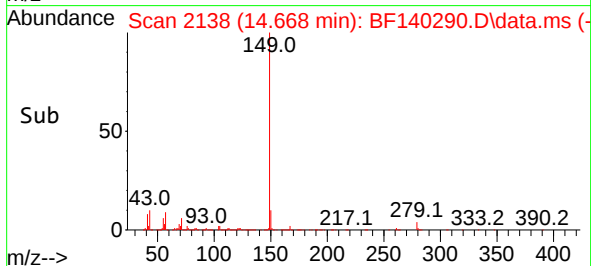
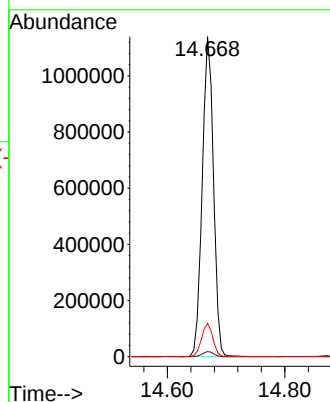
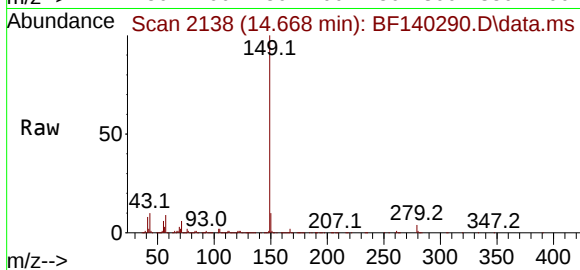
Tgt Ion:149 Resp: 1511735

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.4 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

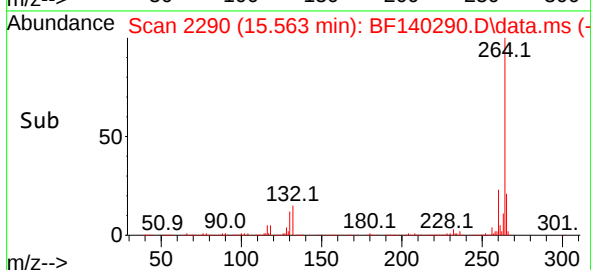
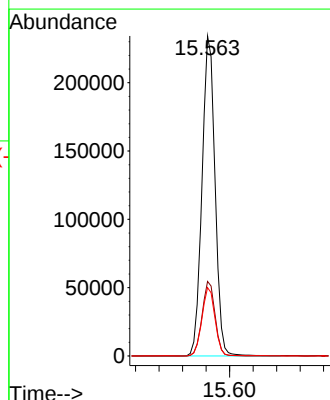
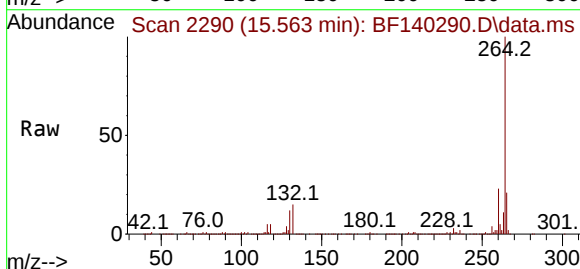
Tgt Ion:264 Resp: 360367

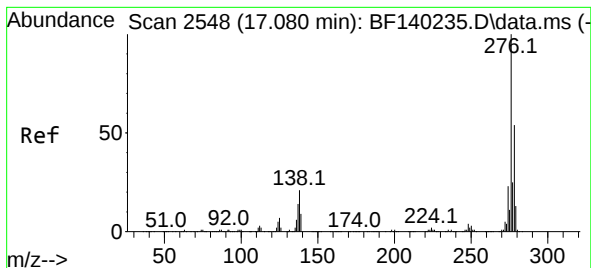
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 53.130 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB164680BS

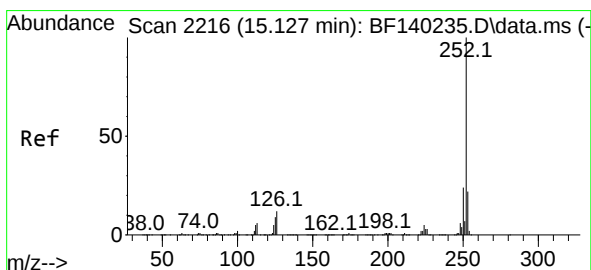
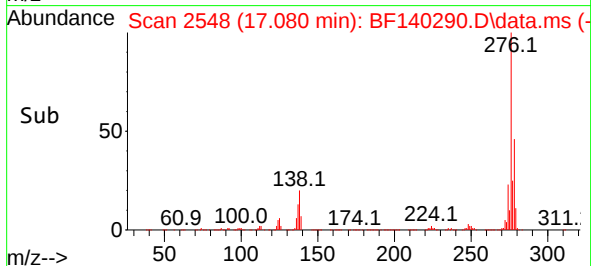
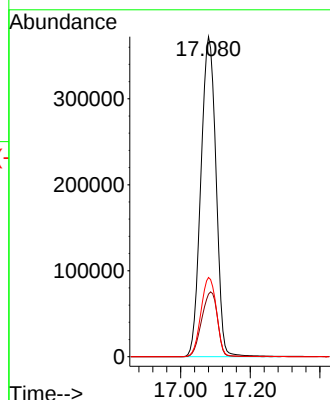
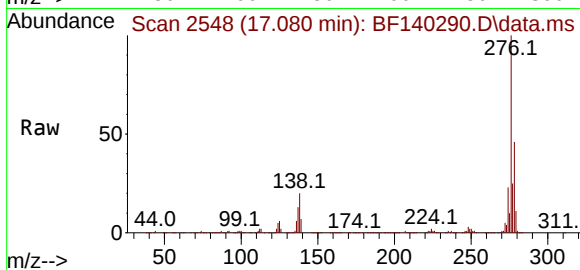
Tgt Ion:276 Resp: 1123887

Ion Ratio Lower Upper

276 100

138 21.2 17.6 26.4

277 25.4 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 57.570 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140290.D

Acq: 08 Nov 2024 11:22

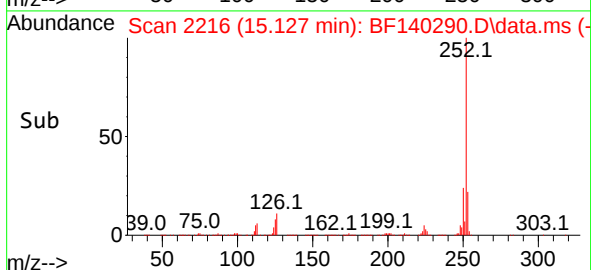
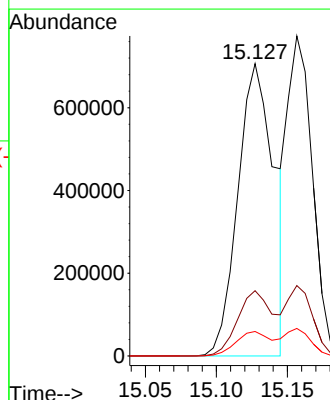
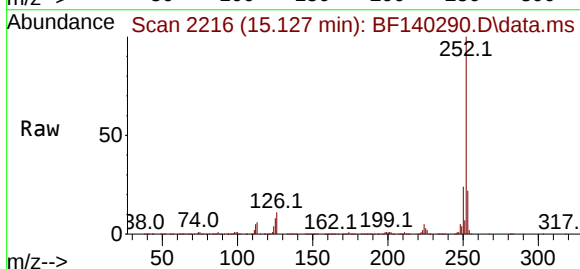
Tgt Ion:252 Resp: 1254909

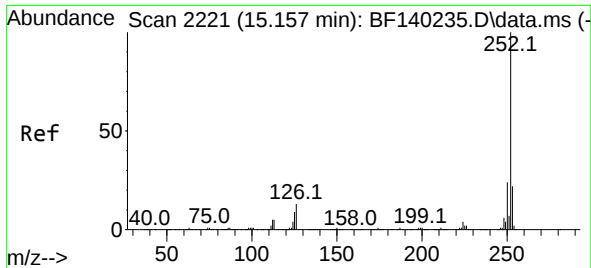
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

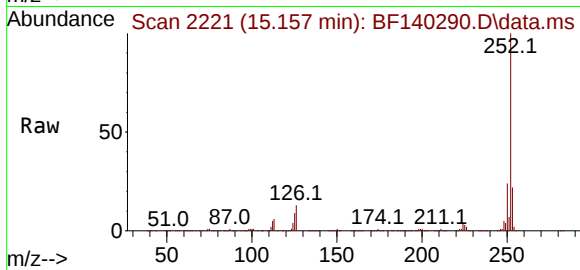
125 8.4 7.0 10.6



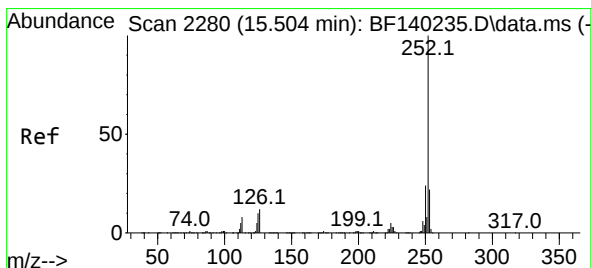
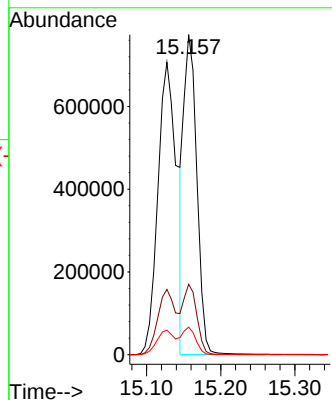
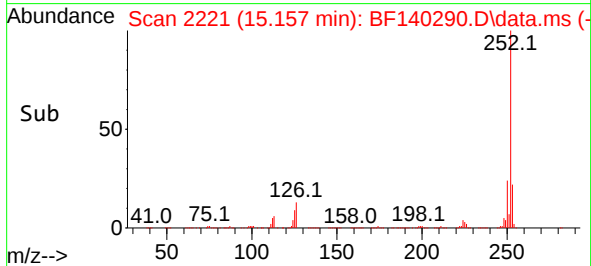


#89
Benzo(k)fluoranthene
Concen: 47.754 ng
RT: 15.157 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB164680BS

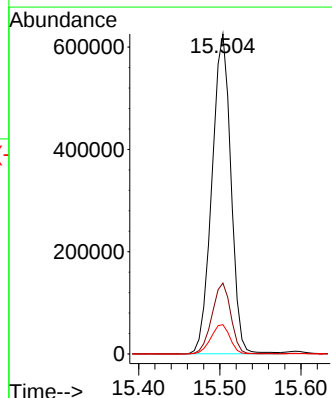
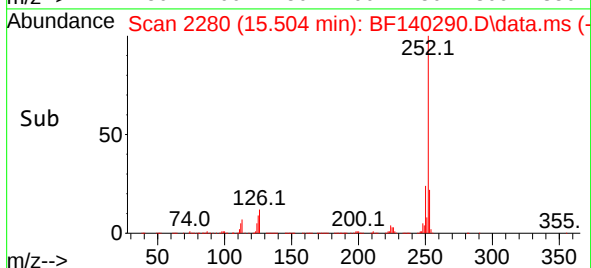
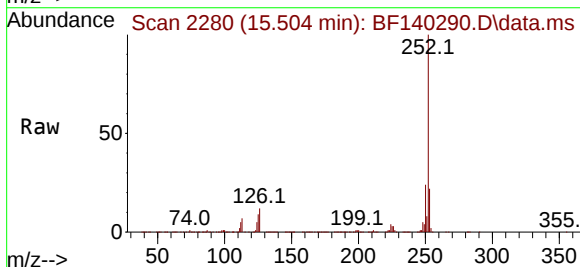


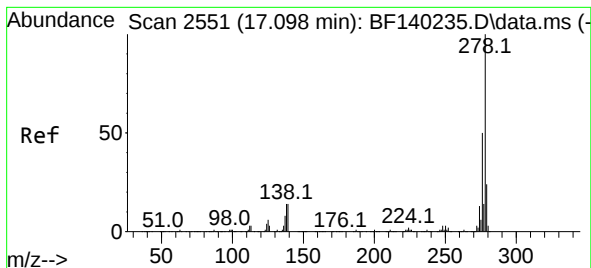
Tgt Ion:252 Resp: 955177
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 8.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 56.489 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:252 Resp: 1015219
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.1 7.6 11.4

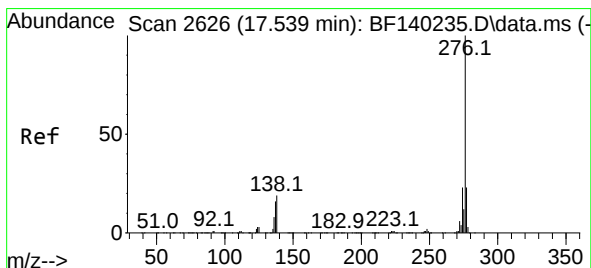
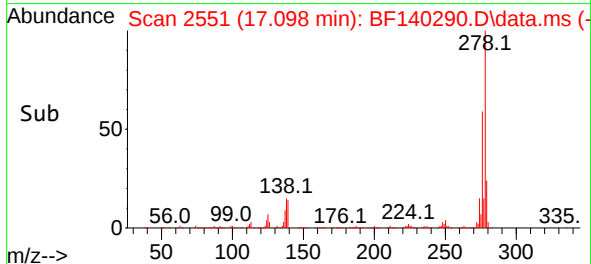
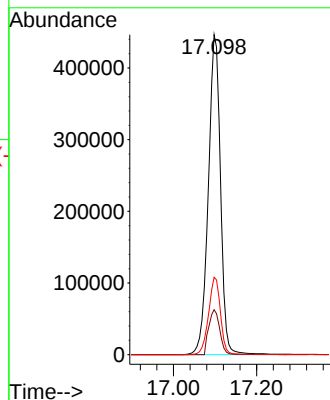
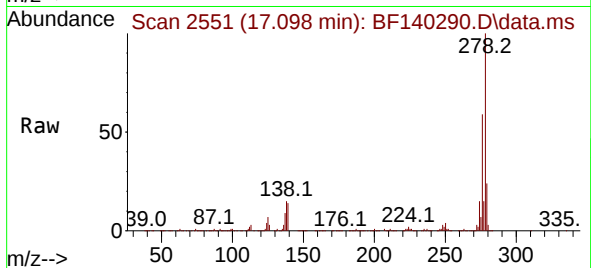




#91
Dibenzo(a,h)anthracene
Concen: 52.310 ng
RT: 17.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB164680BS

Tgt Ion:278 Resp: 910373
Ion Ratio Lower Upper
278 100
139 14.1 11.1 16.7
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 47.337 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.006 min
Lab File: BF140290.D
Acq: 08 Nov 2024 11:22

Tgt Ion:276 Resp: 840394
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 18.1 15.3 22.9

