

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140308.D
 Acq On : 08 Nov 2024 19:22
 Operator : RC/JU
 Sample : P4756-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B4MSD

Quant Time: Nov 08 21:48:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	110036	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	391943	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	195155	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	332415	20.000	ng	0.00
76) Chrysene-d12	14.063	240	214633	20.000	ng	0.00
86) Perylene-d12	15.563	264	179498	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	651118	98.062	ng	0.00
7) Phenol-d6	6.504	99	848597	99.362	ng	0.00
23) Nitrobenzene-d5	7.440	82	539554	68.443	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	201957	104.695	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	922122	75.450	ng	0.00
79) Terphenyl-d14	12.998	244	982573	74.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	127776	41.857	ng	95
3) Pyridine	3.446	79	334642	44.927	ng	94
4) n-Nitrosodimethylamine	3.399	42	196127	45.607	ng	89
6) Aniline	6.540	93	328258	42.542	ng	99
8) 2-Chlorophenol	6.663	128	370250	53.294	ng	94
9) Benzaldehyde	6.428	77	52010	9.886	ng	96
10) Phenol	6.522	94	466853	51.470	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	356278	51.706	ng	95
12) 1,3-Dichlorobenzene	6.822	146	401039	49.260	ng	97
13) 1,4-Dichlorobenzene	6.898	146	406352	49.489	ng	99
14) 1,2-Dichlorobenzene	7.051	146	386961	50.458	ng	97
15) Benzyl Alcohol	7.016	79	328732	49.931	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	527068	47.256	ng	98
17) 2-Methylphenol	7.128	107	292846	50.530	ng	98
18) Hexachloroethane	7.392	117	125654	41.083	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	257604	47.280	ng	96
20) 3+4-Methylphenols	7.281	107	365404	50.202	ng	95
22) Acetophenone	7.287	105	497624	51.208	ng	94
24) Nitrobenzene	7.457	77	396753	47.964	ng	98
25) Isophorone	7.698	82	681430	50.201	ng	98
26) 2-Nitrophenol	7.775	139	154293	46.891	ng	95
27) 2,4-Dimethylphenol	7.810	122	282293	63.062	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	413762	50.937	ng	99
29) 2,4-Dichlorophenol	8.016	162	285869	51.621	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	321495	48.447	ng	99
31) Naphthalene	8.181	128	1008739	49.841	ng	100
32) Benzoic acid	7.910	122	153605	41.812	ng	96
33) 4-Chloroaniline	8.228	127	190562	28.600	ng	96
34) Hexachlorobutadiene	8.298	225	218664	48.682	ng	99
35) Caprolactam	8.592	113	91550	54.344	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	302921	49.129	ng	96
37) 2-Methylnaphthalene	8.875	142	651335	49.310	ng	99
38) 1-Methylnaphthalene	8.975	142	599255	46.285	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	322457	56.441	ng	98
41) Hexachlorocyclopentadiene	9.022	237	72609	45.355	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	197560	55.802	ng	99

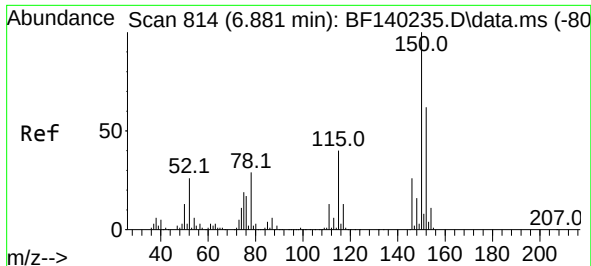
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
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 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	199268	53.530	ng	96
46) 1,1'-Biphenyl	9.339	154	768600	54.487	ng	99
47) 2-Chloronaphthalene	9.363	162	564395	53.160	ng	99
48) 2-Nitroaniline	9.457	65	198865	56.009	ng	92
49) Acenaphthylene	9.781	152	853582	56.787	ng	99
50) Dimethylphthalate	9.639	163	689205	57.344	ng	99
51) 2,6-Dinitrotoluene	9.698	165	135835	48.081	ng	96
52) Acenaphthene	9.951	154	541661	50.806	ng	98
53) 3-Nitroaniline	9.869	138	133697	50.258	ng	97
54) 2,4-Dinitrophenol	9.981	184	15791	16.648	ng	91
55) Dibenzofuran	10.128	168	791168	53.069	ng	97
56) 4-Nitrophenol	10.033	139	211218	112.924	ng	91
57) 2,4-Dinitrotoluene	10.104	165	171637	46.817	ng	92
58) Fluorene	10.469	166	602772	50.792	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	171553	56.256	ng	93
60) Diethylphthalate	10.339	149	639698	53.560	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	312335	52.221	ng	96
62) 4-Nitroaniline	10.486	138	145143	54.904	ng	92
63) Azobenzene	10.622	77	657925	53.140	ng	93
65) 4,6-Dinitro-2-methylph...	10.516	198	15698	8.992	ng	95
66) n-Nitrosodiphenylamine	10.580	169	532155	55.660	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	193359	54.018	ng	97
68) Hexachlorobenzene	11.022	284	216397	53.036	ng	93
69) Atrazine	11.104	200	181096	69.233	ng	97
70) Pentachlorophenol	11.216	266	249628	113.935	ng	98
71) Phenanthrene	11.433	178	883817	55.712	ng	99
72) Anthracene	11.486	178	893958	57.468	ng	99
73) Carbazole	11.639	167	813834	57.257	ng	99
74) Di-n-butylphthalate	11.969	149	915899	54.437	ng	99
75) Fluoranthene	12.627	202	982071	59.204	ng	99
77) Benzidine	12.751	184	604981	144.165	ng	98
78) Pyrene	12.857	202	1002732	56.582	ng	99
80) Butylbenzylphthalate	13.474	149	382041	59.869	ng	94
81) Benzo(a)anthracene	14.051	228	776477	56.372	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	273487	63.226	ng	100
83) Chrysene	14.086	228	720945	55.892	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	499336	55.831	ng	99
85) Di-n-octyl phthalate	14.663	149	735318	54.623	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	573198	54.401	ng	99
88) Benzo(b)fluoranthene	15.127	252	599549	55.220	ng	99
89) Benzo(k)fluoranthene	15.157	252	546704	54.874	ng	99
90) Benzo(a)pyrene	15.504	252	525993	58.758	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	464840	53.623	ng	99
92) Benzo(g,h,i)perylene	17.539	276	425396	48.105	ng	99

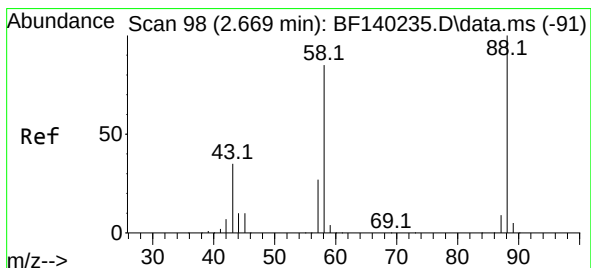
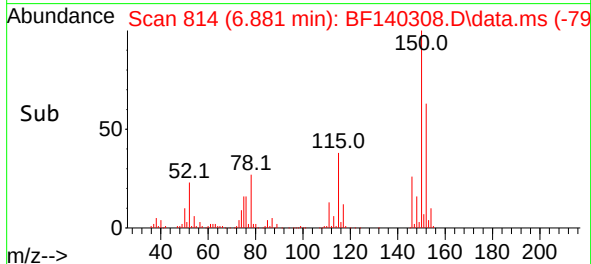
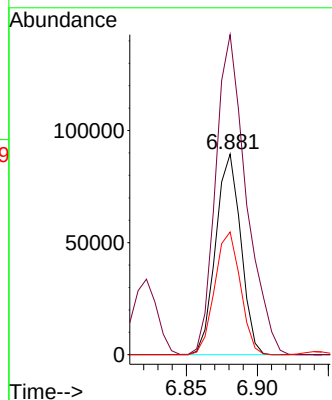
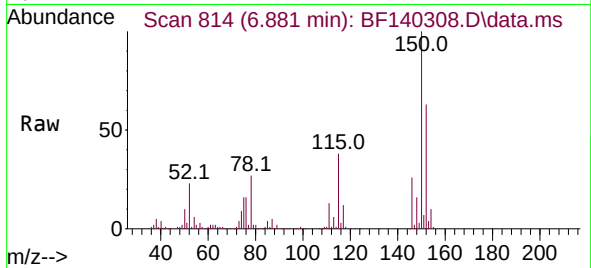
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140308.D
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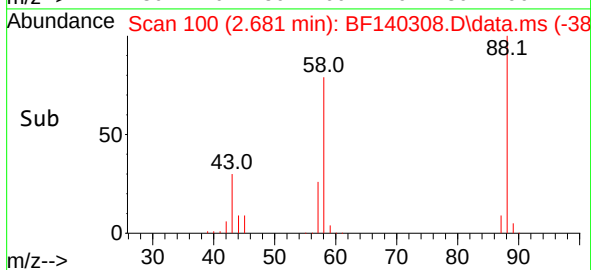
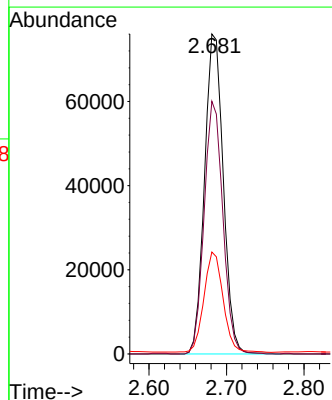
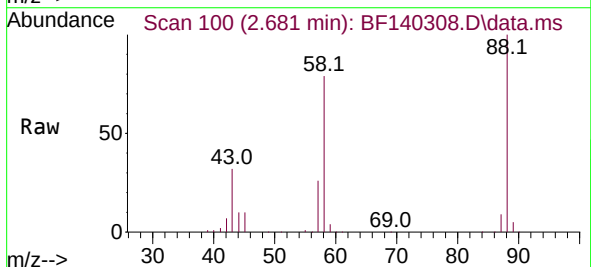
Instrument :
BNA_F
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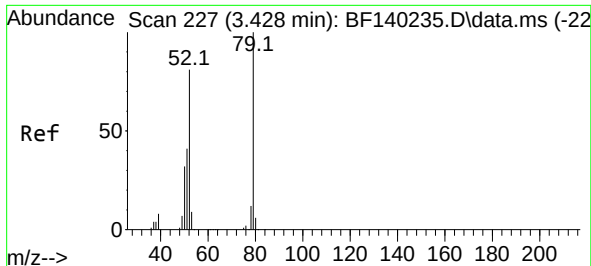
Tgt Ion:152 Resp: 110036
Ion Ratio Lower Upper
152 100
150 159.5 129.4 194.2
115 61.2 51.5 77.3



#2
1,4-Dioxane
Concen: 41.857 ng
RT: 2.681 min Scan# 100
Delta R.T. 0.012 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 88 Resp: 127776
Ion Ratio Lower Upper
88 100
58 78.9 66.7 100.1
43 32.0 27.8 41.8





#3

Pyridine

Concen: 44.927 ng

RT: 3.446 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

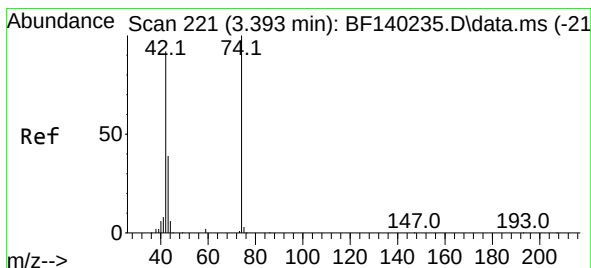
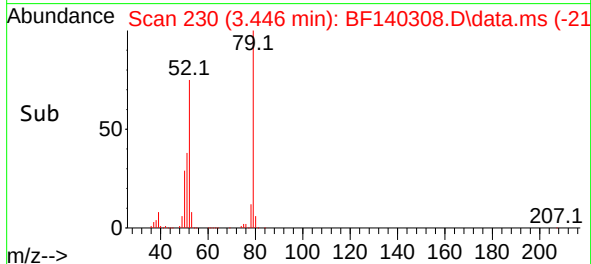
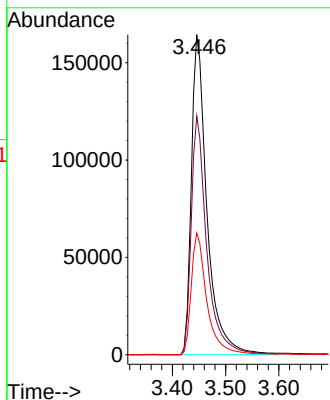
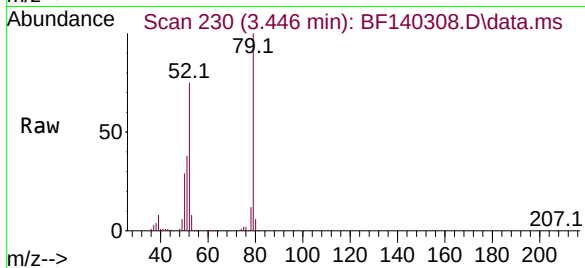
Tgt Ion: 79 Resp: 334642

Ion Ratio Lower Upper

79 100

52 74.6 64.6 97.0

51 38.0 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 45.607 ng

RT: 3.399 min Scan# 222

Delta R.T. 0.006 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

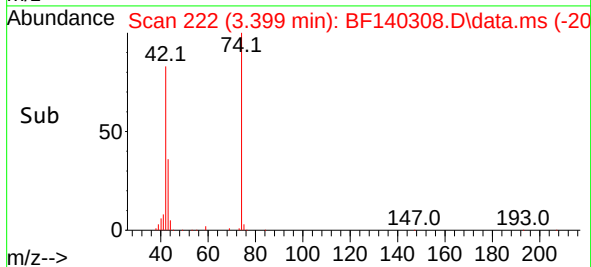
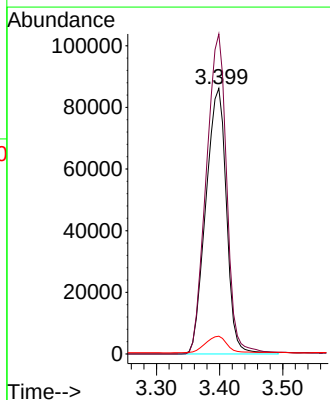
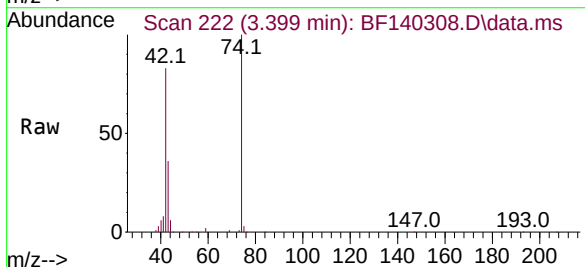
Tgt Ion: 42 Resp: 196127

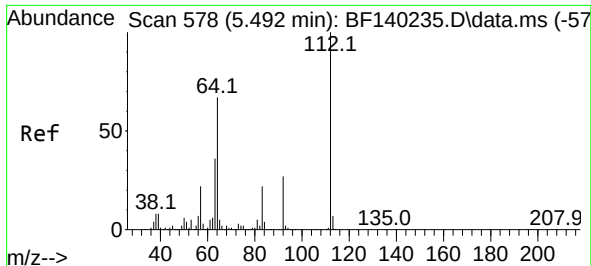
Ion Ratio Lower Upper

42 100

74 120.5 86.9 130.3

44 6.7 5.0 7.6

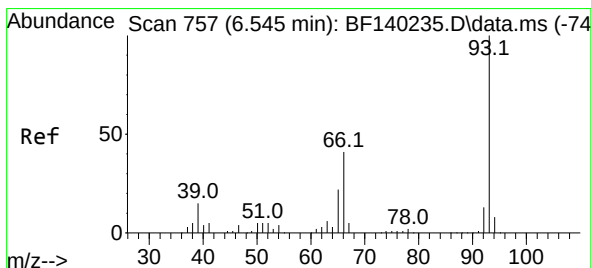
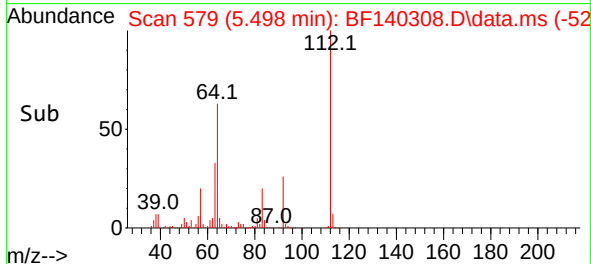
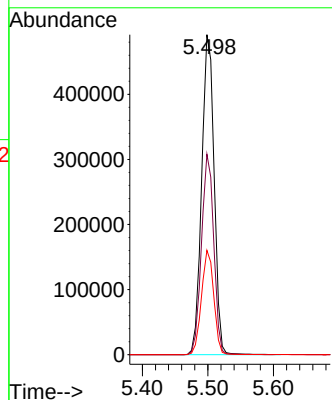
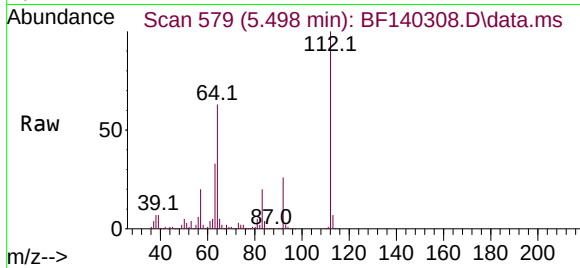




#5
2-Fluorophenol
Concen: 98.062 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

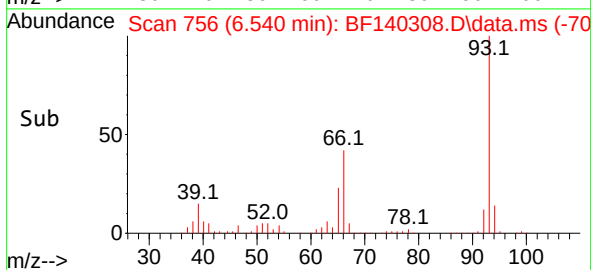
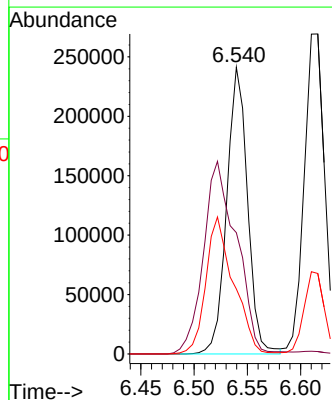
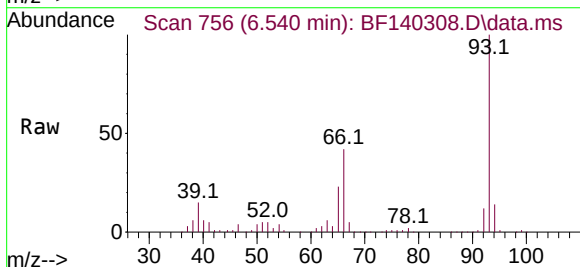
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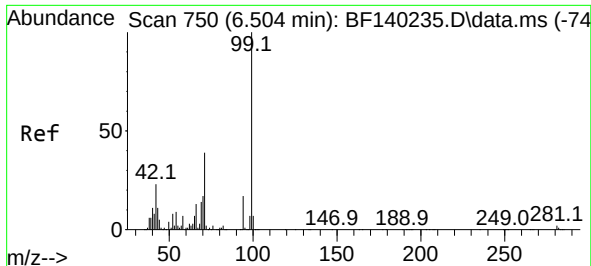
Tgt Ion:112 Resp: 651118
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 32.6 28.9 43.3



#6
Aniline
Concen: 42.542 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 93 Resp: 328258
Ion Ratio Lower Upper
93 100
66 42.3 33.6 50.4
65 22.7 17.5 26.3

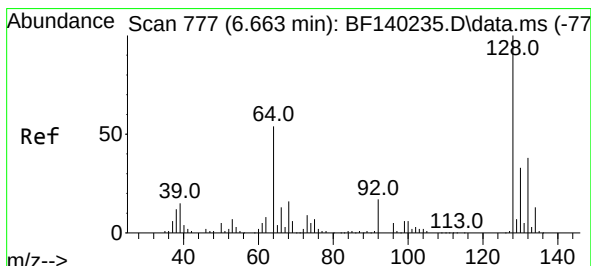
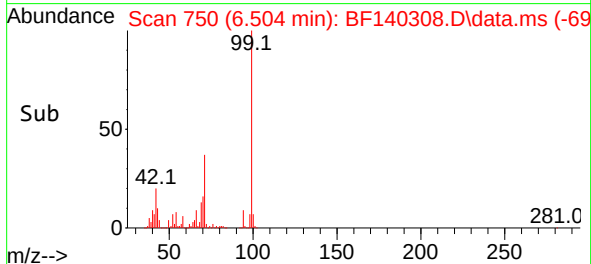
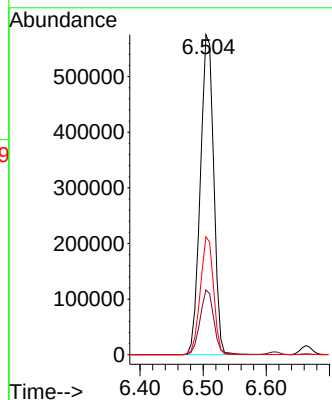
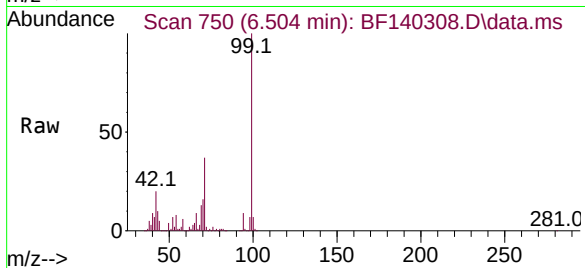




#7
Phenol-d6
Concen: 99.362 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

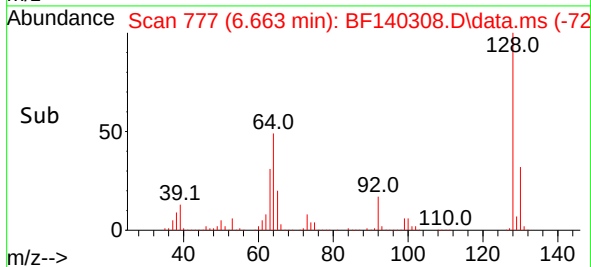
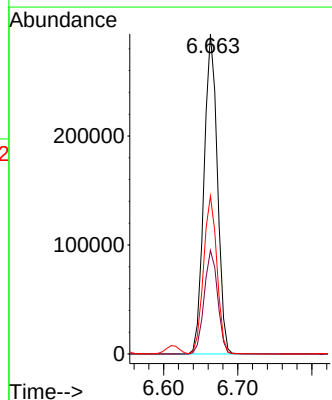
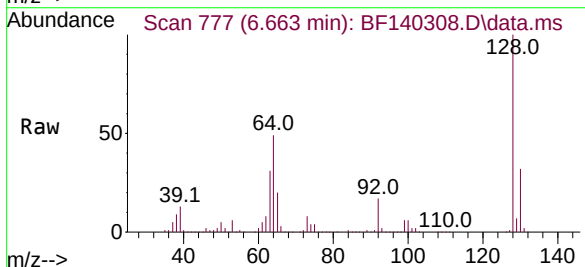
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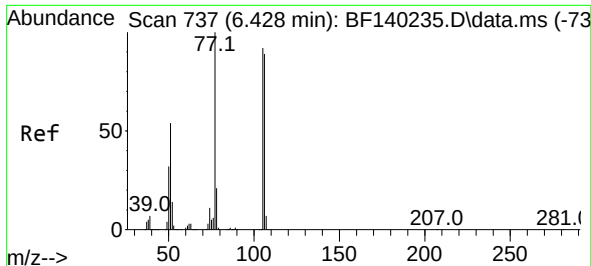
Tgt Ion: 99 Resp: 848597
Ion Ratio Lower Upper
99 100
42 20.2 18.2 27.2
71 36.8 30.9 46.3



#8
2-Chlorophenol
Concen: 53.294 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 128 Resp: 370250
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 49.3 36.3 76.3

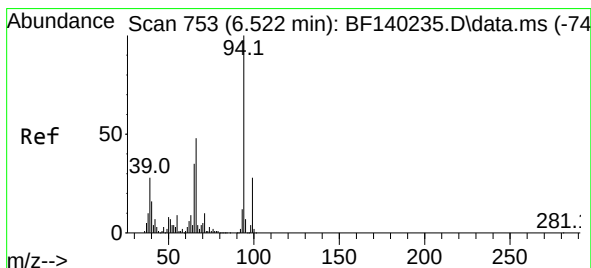
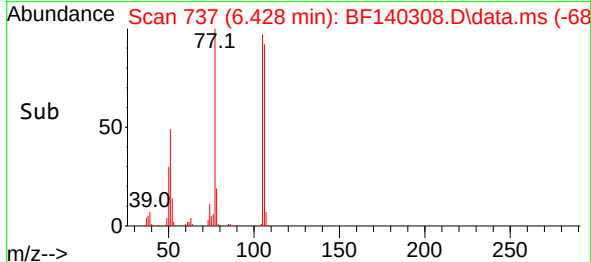
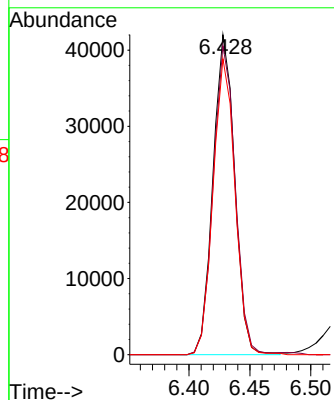
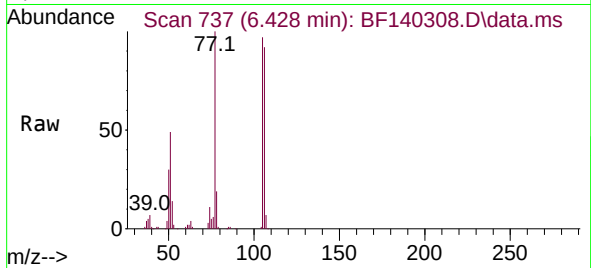




#9
Benzaldehyde
Concen: 9.886 ng
RT: 6.428 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

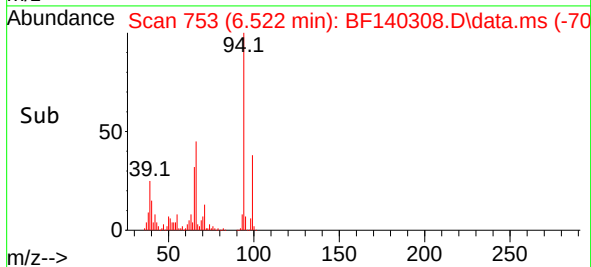
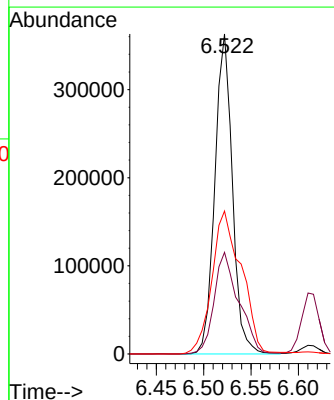
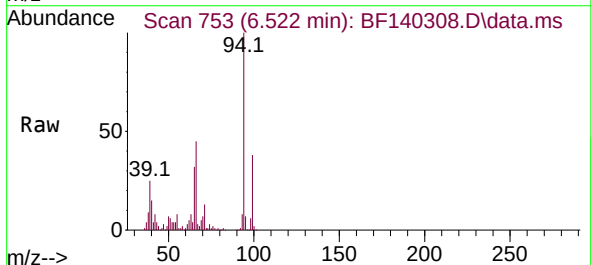
Instrument :
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ClientSampleId :
BP-B4MSD

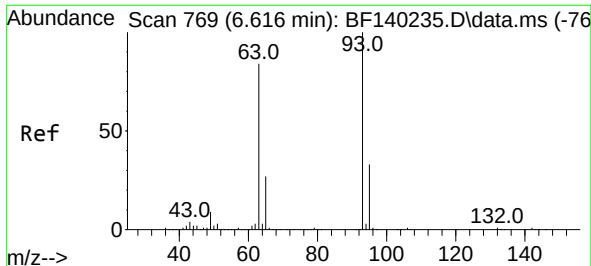
Tgt Ion: 77 Resp: 52010
Ion Ratio Lower Upper
77 100
105 96.6 72.1 112.1
106 92.5 68.8 108.8



#10
Phenol
Concen: 51.470 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 94 Resp: 466853
Ion Ratio Lower Upper
94 100
65 31.7 15.1 55.1
66 44.7 28.8 68.8

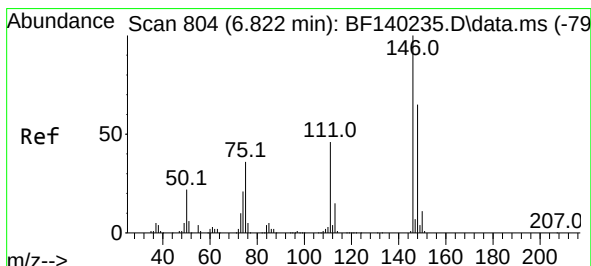
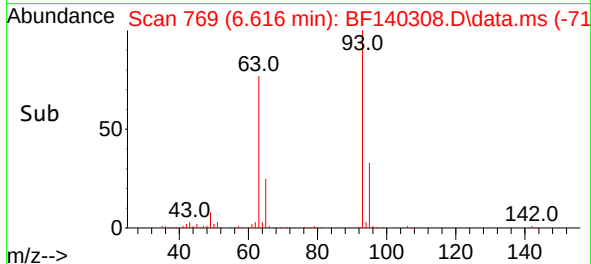
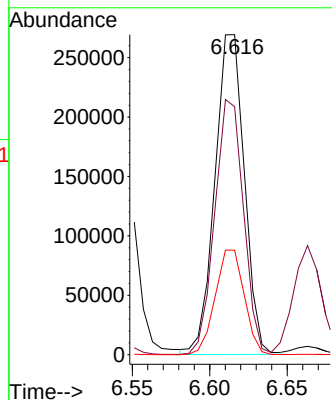
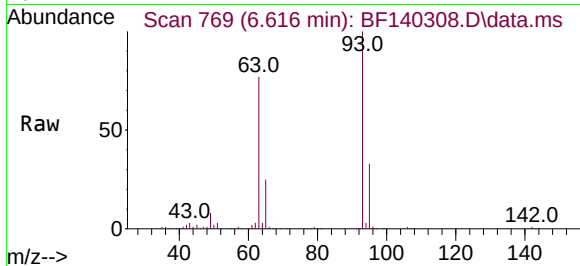




#11
bis(2-Chloroethyl)ether
Concen: 51.706 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

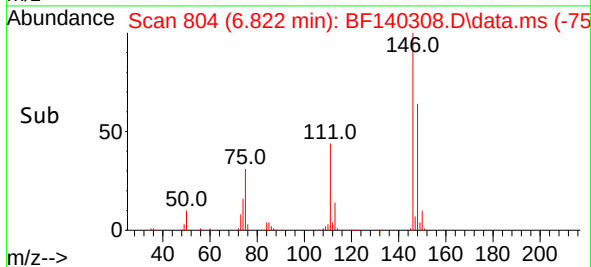
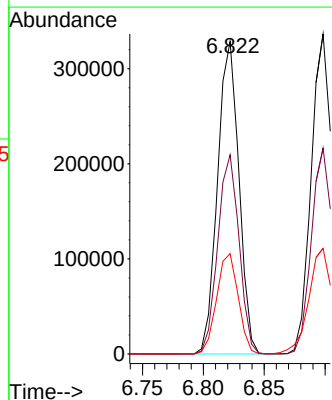
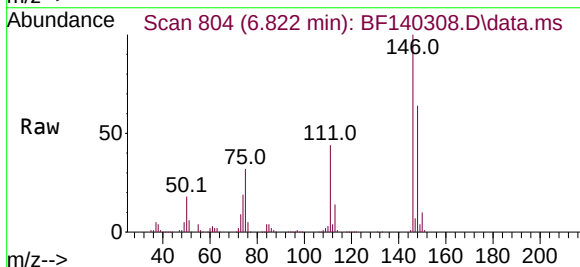
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

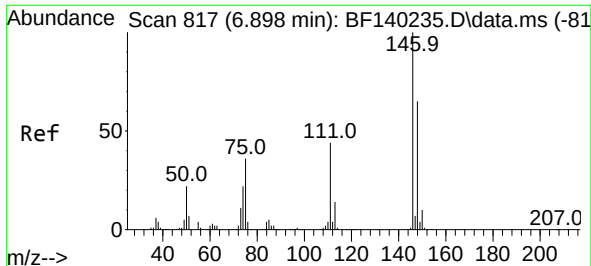
Tgt Ion: 93 Resp: 356278
Ion Ratio Lower Upper
93 100
63 77.5 63.6 103.6
95 32.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.260 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 146 Resp: 401039
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
75 32.1 28.4 42.6

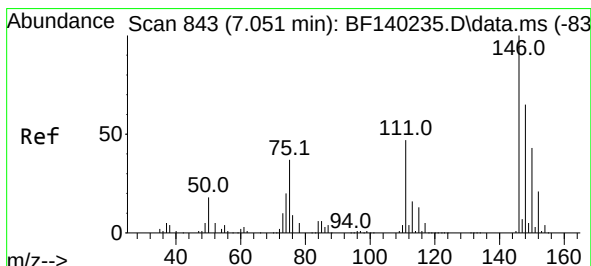
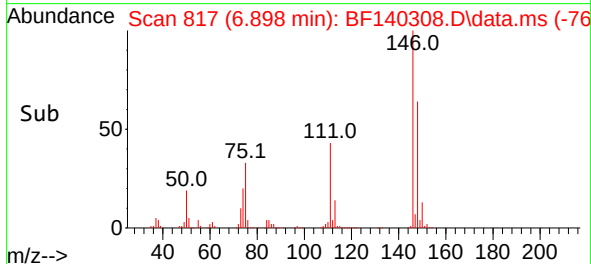
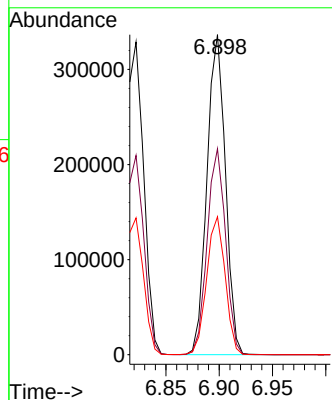
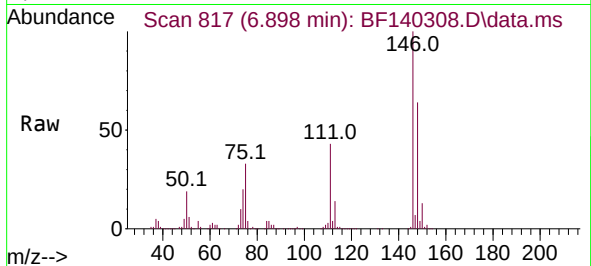




#13
1,4-Dichlorobenzene
Concen: 49.489 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

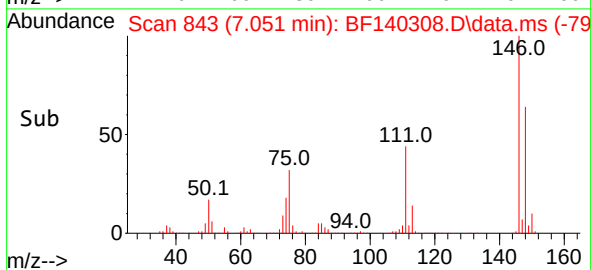
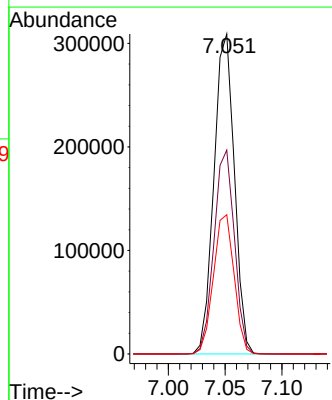
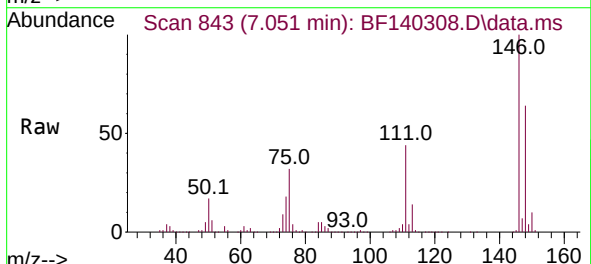
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

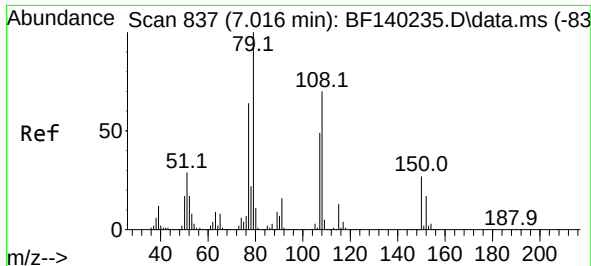
Tgt Ion:146 Resp: 406352
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 43.1 35.4 53.2



#14
1,2-Dichlorobenzene
Concen: 50.458 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:146 Resp: 386961
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 43.5 37.9 56.9

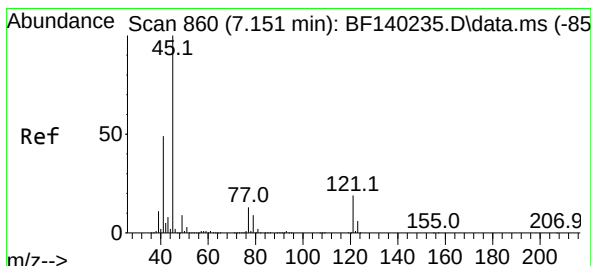
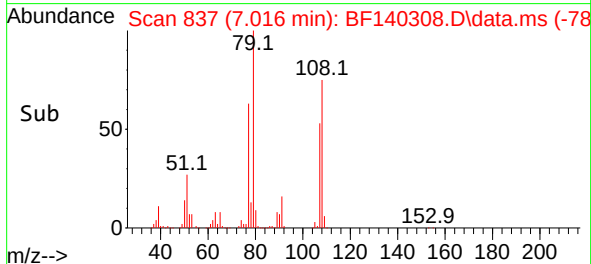
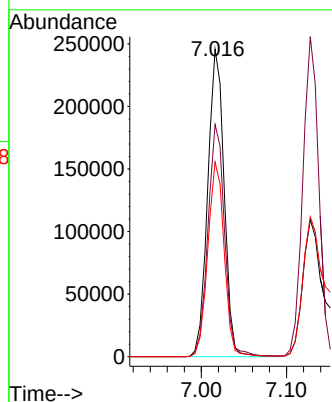
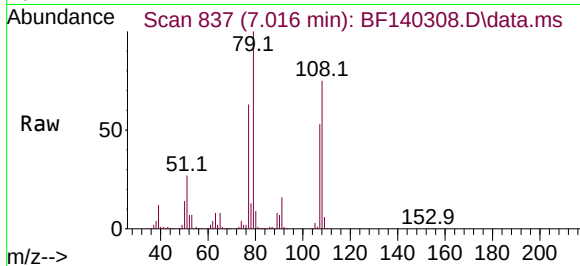




#15
Benzyl Alcohol
Concen: 49.931 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

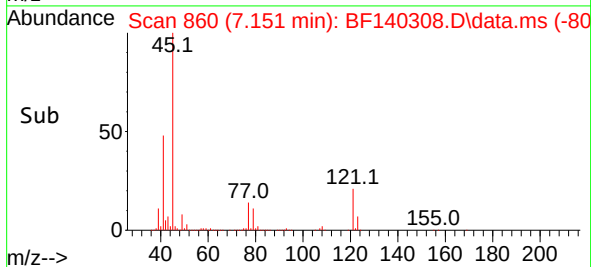
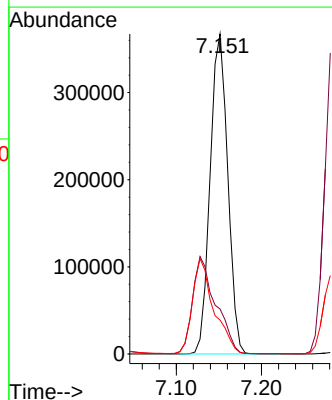
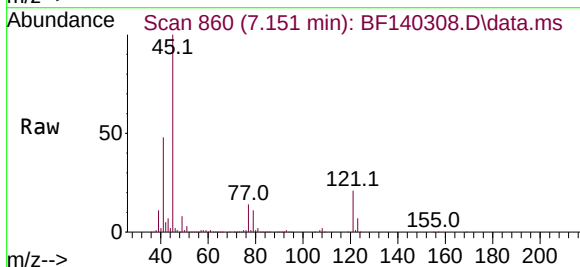
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

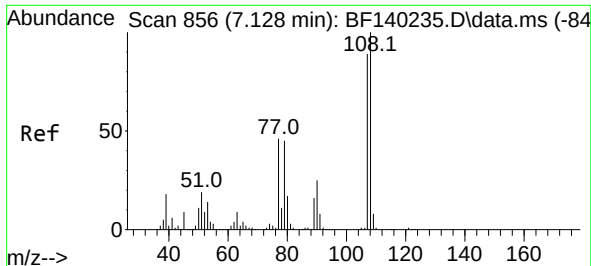
Tgt Ion: 79 Resp: 328732
Ion Ratio Lower Upper
79 100
108 75.5 55.8 83.6
77 63.3 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.256 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 45 Resp: 527068
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.3
79 10.6 0.0 29.9

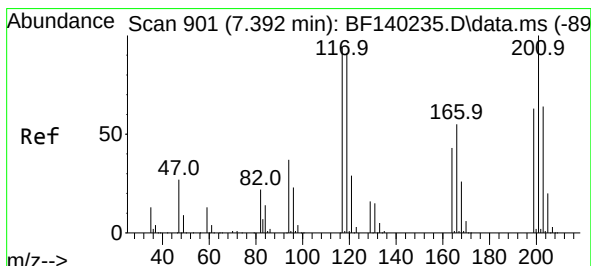
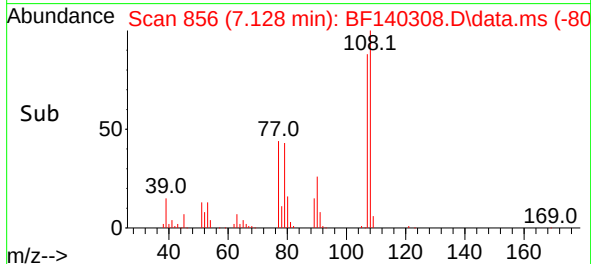
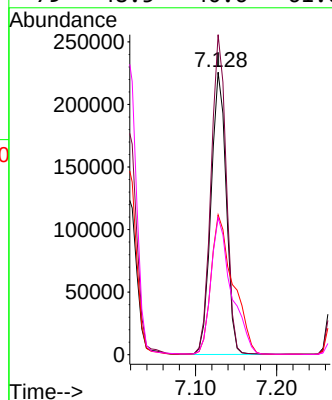
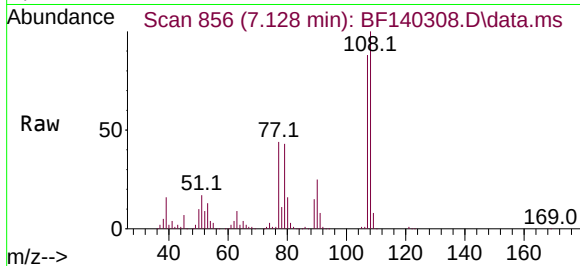




#17
2-Methylphenol
Concen: 50.530 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

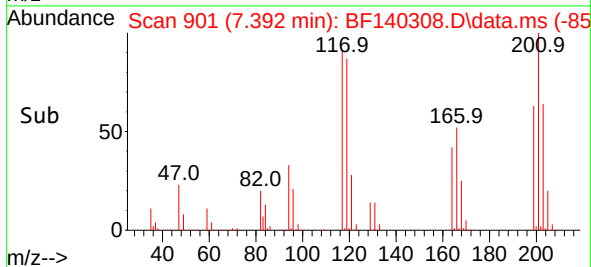
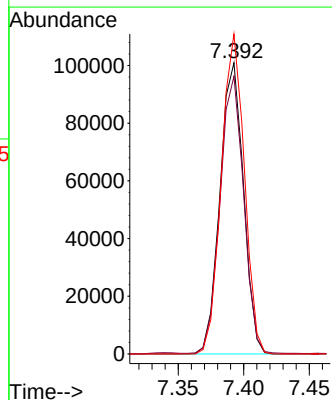
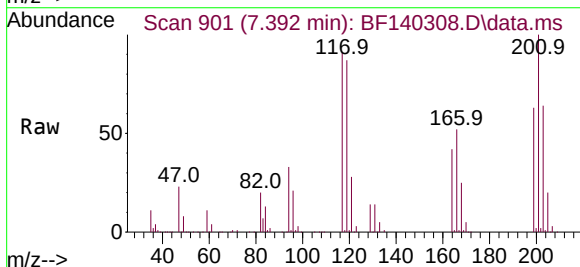
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

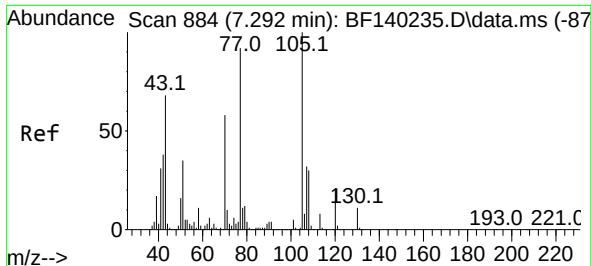
Tgt Ion:	107	Resp:	292846
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.5	135.7
77	49.5	41.8	62.6
79	48.5	40.6	61.0



#18
Hexachloroethane
Concen: 41.083 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:	117	Resp:	125654
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
201	109.9	85.1	127.7

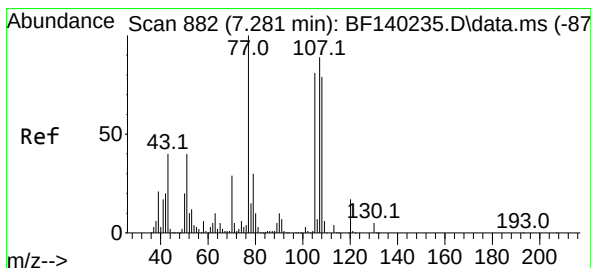
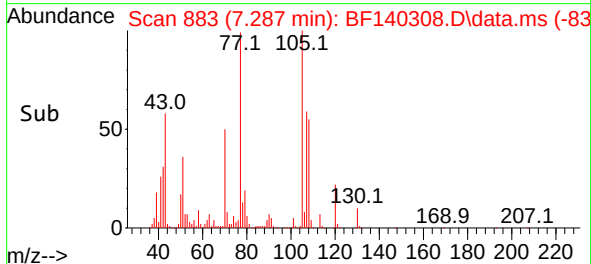
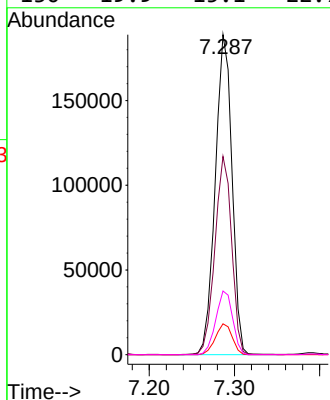
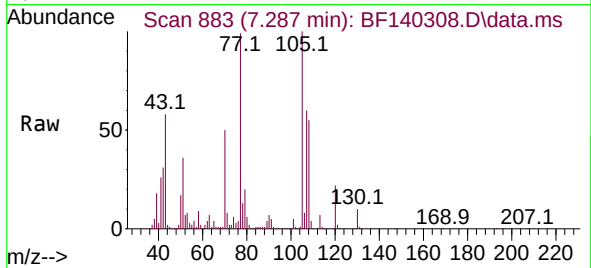




#19
n-Nitroso-di-n-propylamine
Concen: 47.280 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

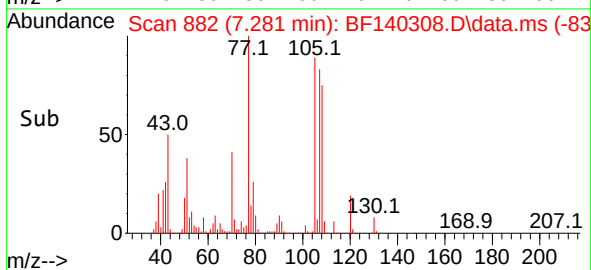
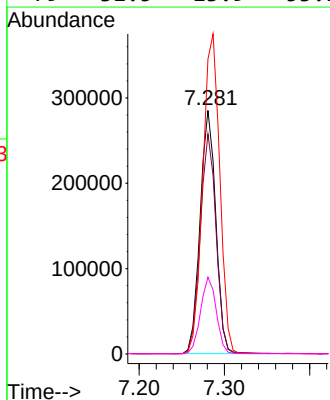
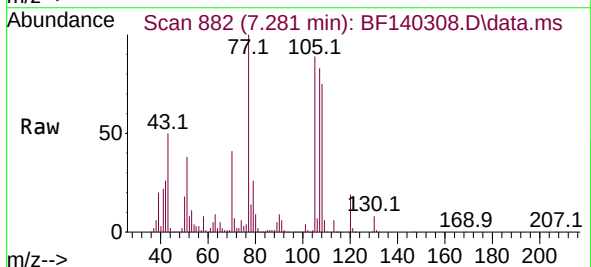
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

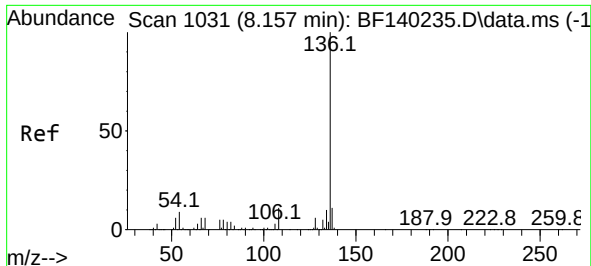
Tgt Ion: 70 Resp: 257604
Ion Ratio Lower Upper
70 100
42 62.0 52.8 79.2
101 9.7 7.4 11.2
130 19.9 15.1 22.7



#20
3+4-Methylphenols
Concen: 50.202 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 107 Resp: 365404
Ion Ratio Lower Upper
107 100
108 90.3 69.4 109.4
77 121.1 92.7 132.7
79 31.5 13.9 53.9

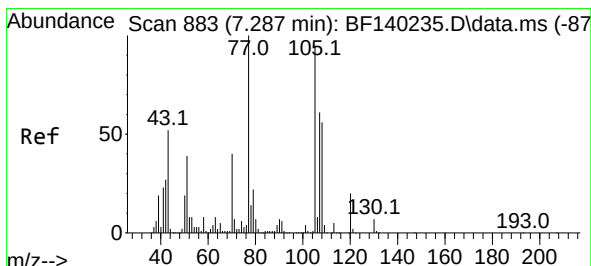
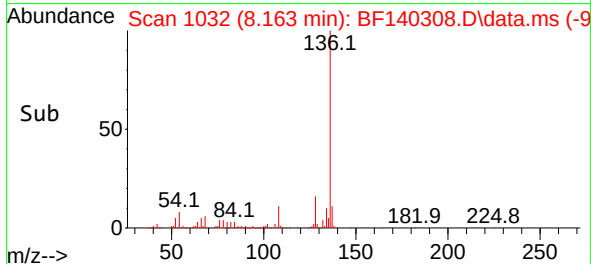
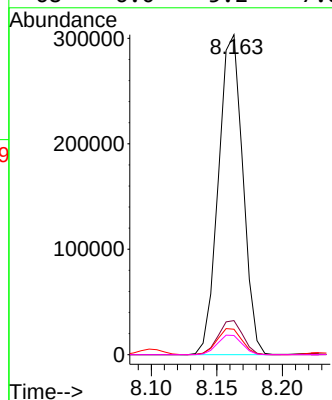
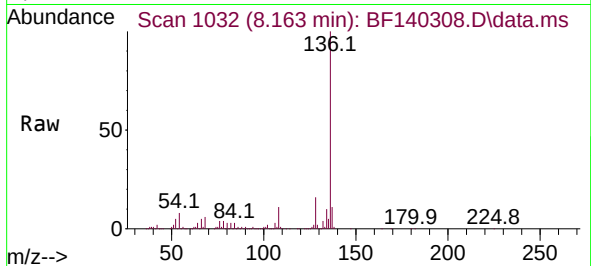




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

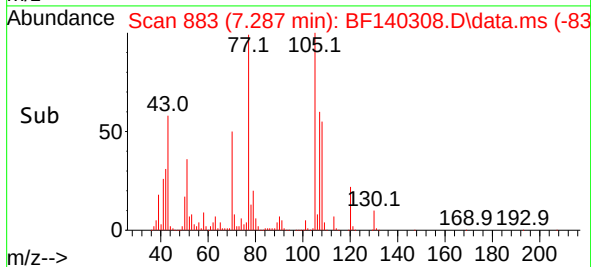
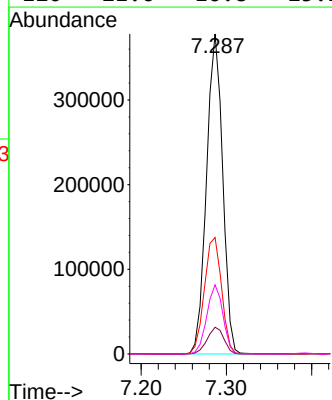
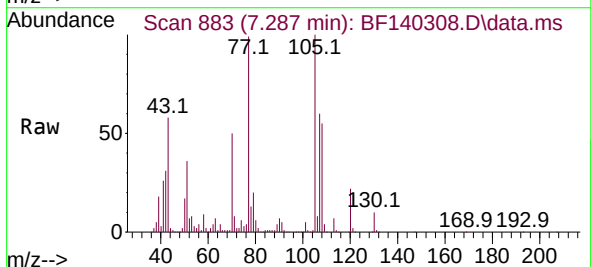
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

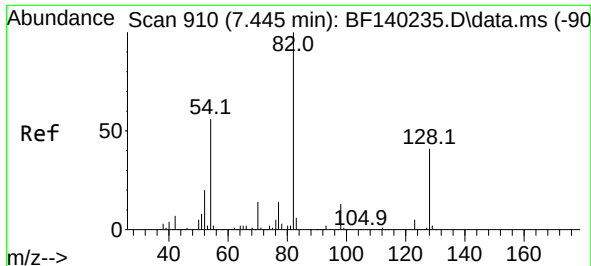
Tgt Ion:136	Resp:	391943	
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.9	7.7	11.5
68	6.0	5.2	7.8



#22
Acetophenone
Concen: 51.208 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt	Ion:105	Resp:	497624
Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.6	8.4
51	36.4	33.2	49.8
120	21.6	16.8	25.2

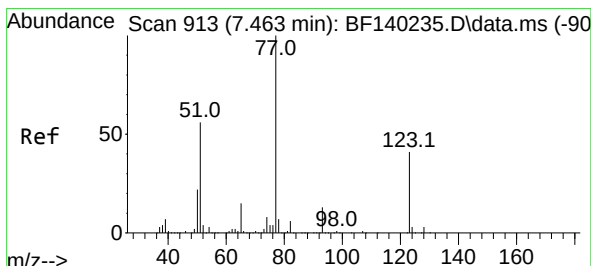
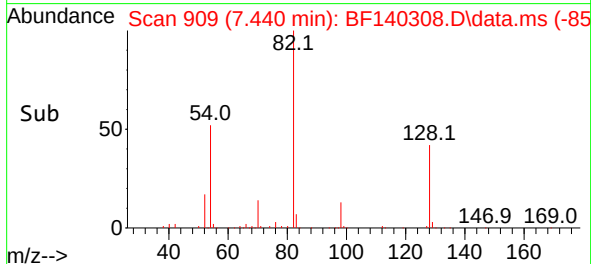
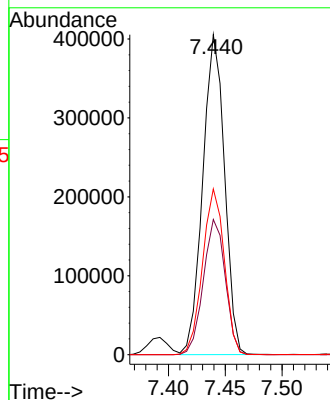
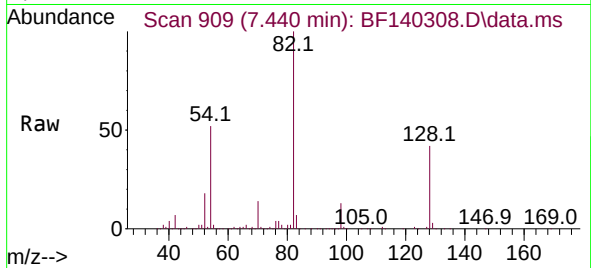




#23
Nitrobenzene-d5
Concen: 68.443 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

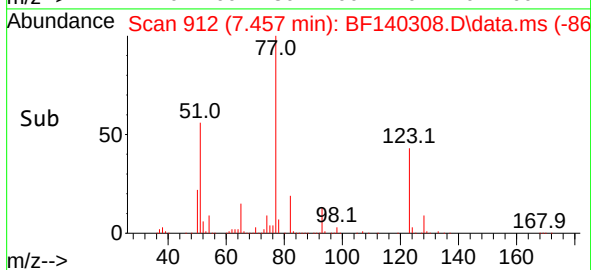
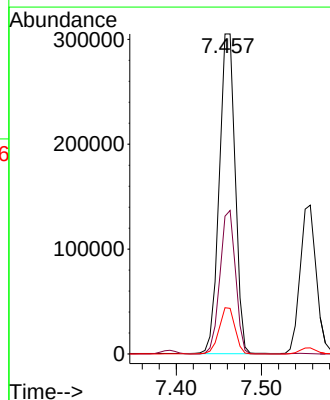
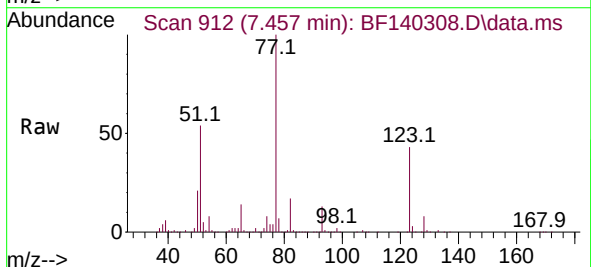
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

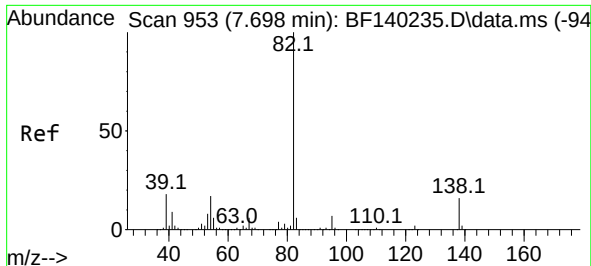
Tgt Ion: 82 Resp: 539554
Ion Ratio Lower Upper
82 100
128 42.2 32.8 49.2
54 51.8 44.3 66.5



#24
Nitrobenzene
Concen: 47.964 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 77 Resp: 396753
Ion Ratio Lower Upper
77 100
123 43.0 33.0 49.4
65 14.5 11.7 17.5

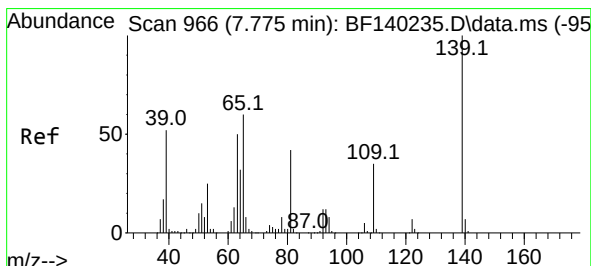
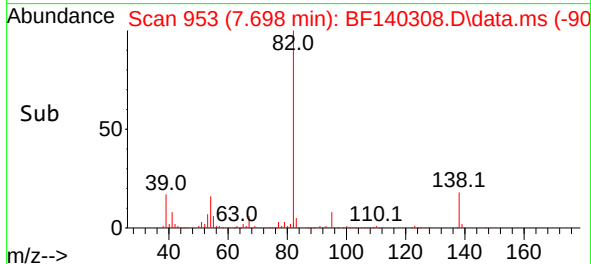
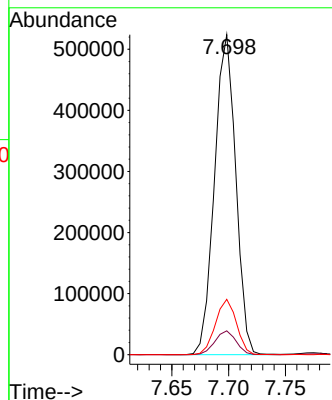
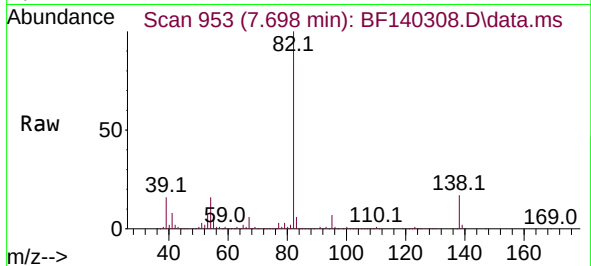




#25
Isophorone
Concen: 50.201 ng
RT: 7.698 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

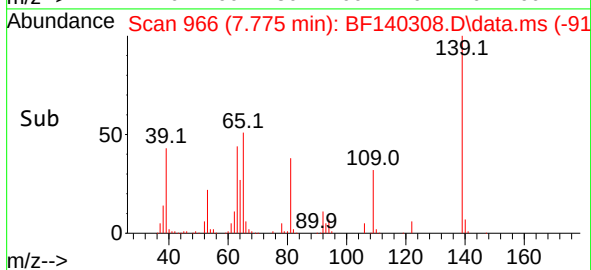
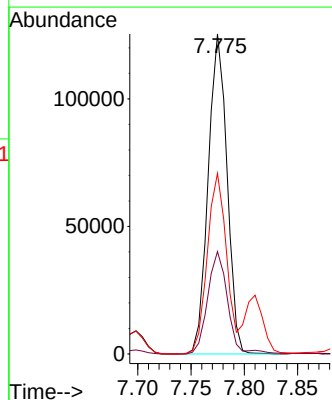
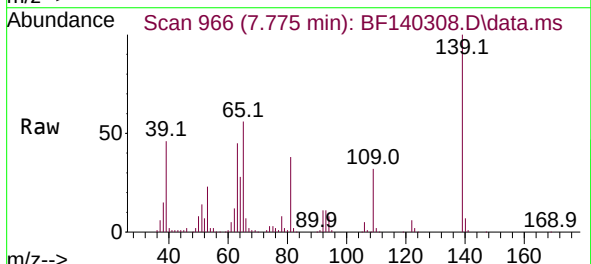
Instrument :
BNA_F
Client SampleId :
BP-B4MSD

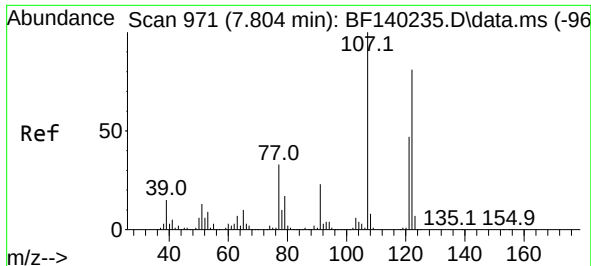
Tgt Ion: 82 Resp: 681430
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 17.3 12.9 19.3



#26
2-Nitrophenol
Concen: 46.891 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 139 Resp: 154293
Ion Ratio Lower Upper
139 100
109 32.0 27.8 41.8
65 56.5 48.2 72.2

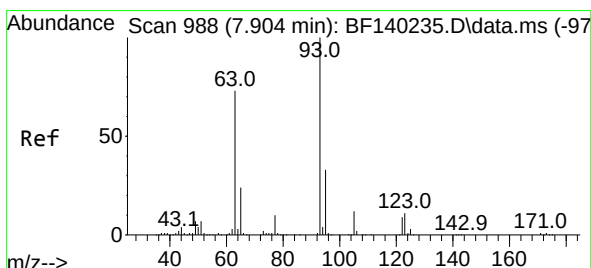
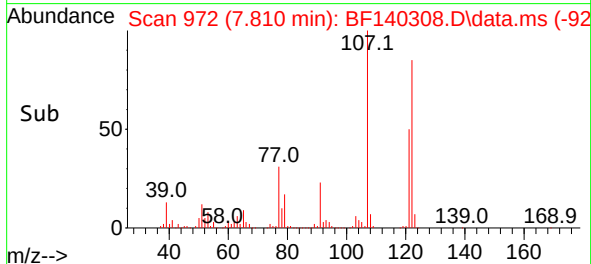
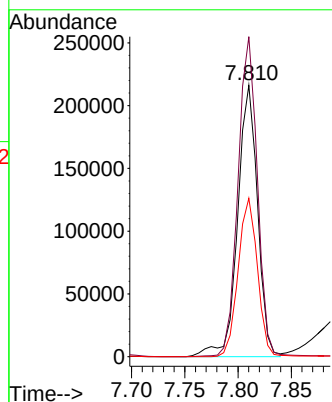
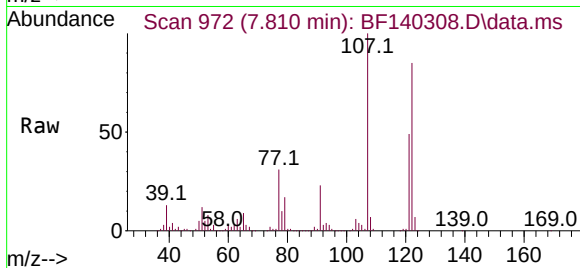




#27
2,4-Dimethylphenol
Concen: 63.062 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

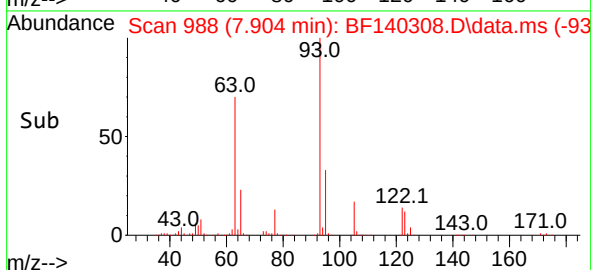
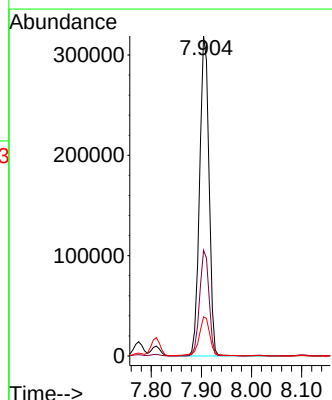
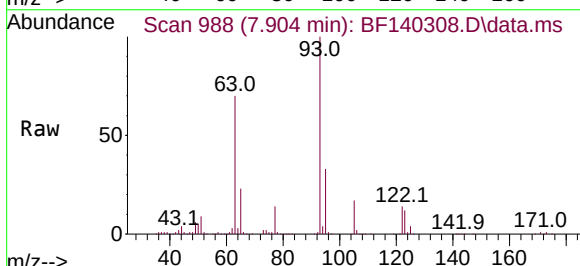
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

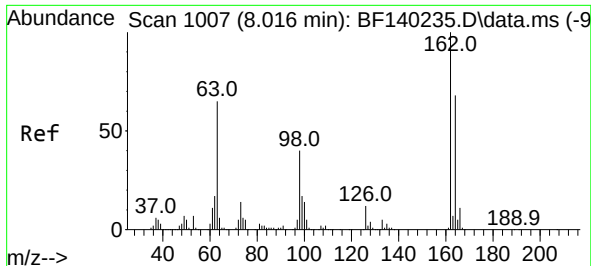
Tgt Ion:122 Resp: 282293
Ion Ratio Lower Upper
122 100
107 117.9 99.4 149.0
121 58.4 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 50.937 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 93 Resp: 413762
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 12.2 9.4 14.0

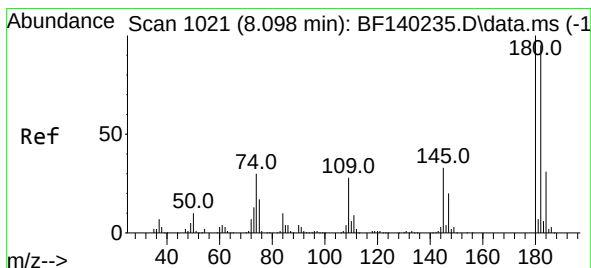
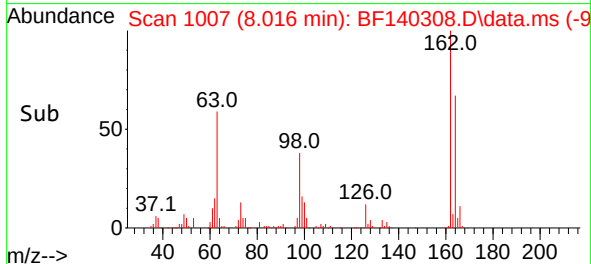
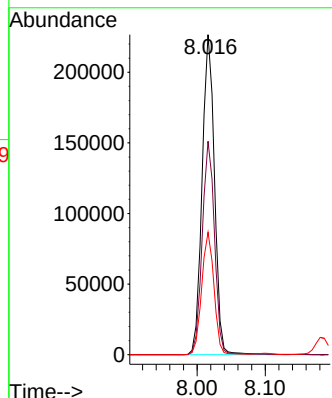
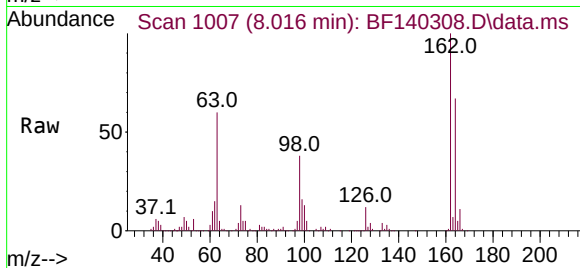




#29
2,4-Dichlorophenol
Concen: 51.621 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

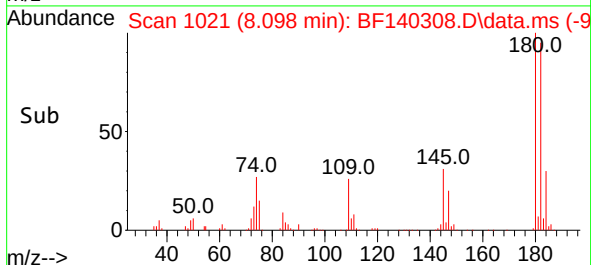
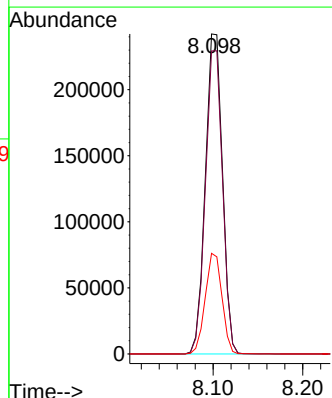
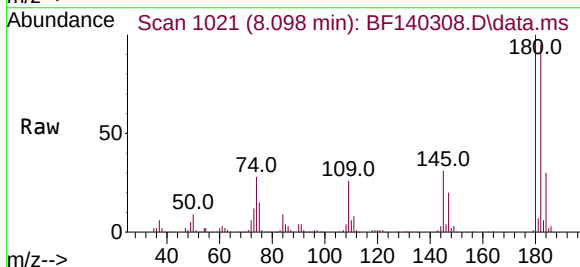
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

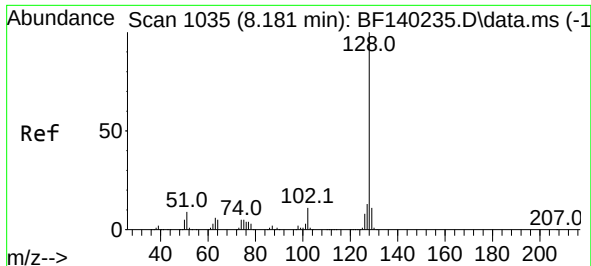
Tgt Ion:162 Resp: 285869
Ion Ratio Lower Upper
162 100
164 66.7 47.5 87.5
98 38.3 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 48.447 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:180 Resp: 321495
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 31.5 26.1 39.1

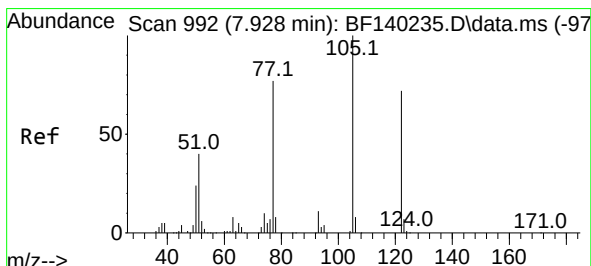
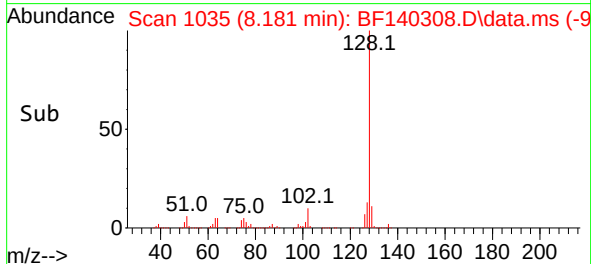
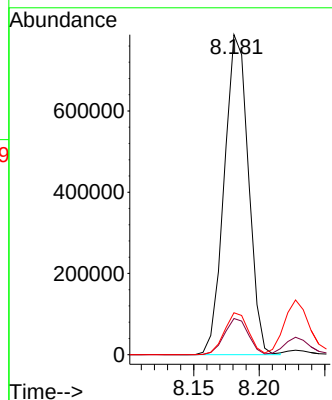
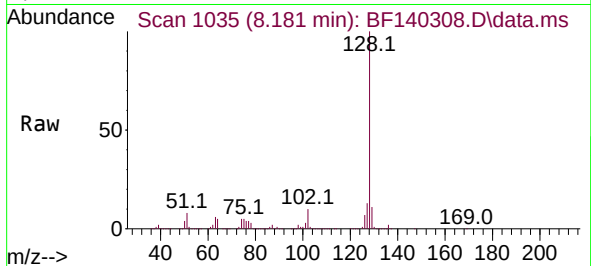




#31
Naphthalene
Concen: 49.841 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

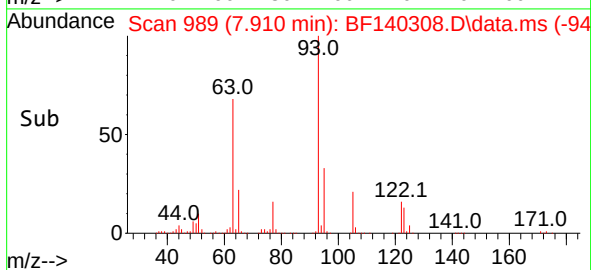
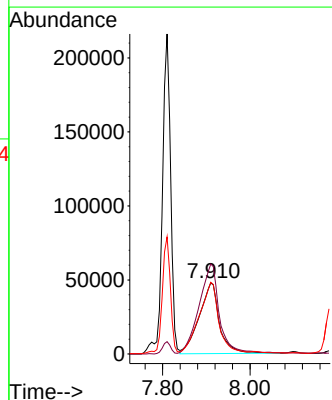
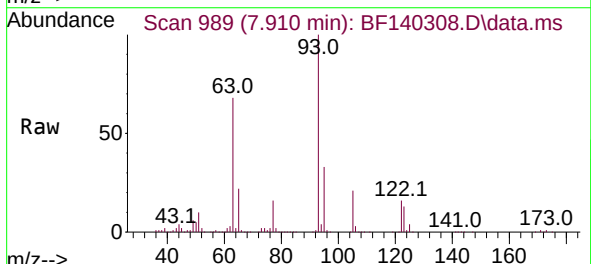
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

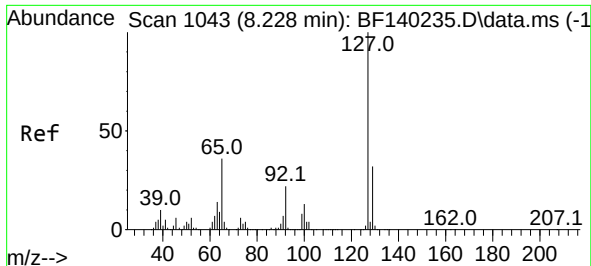
Tgt Ion:128 Resp: 1008739
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.1 10.7 16.1



#32
Benzoic acid
Concen: 41.812 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.018 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:122 Resp: 153605
Ion Ratio Lower Upper
122 100
105 126.7 112.6 152.6
77 101.1 84.3 124.3

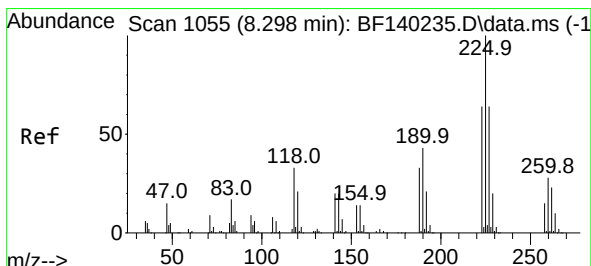
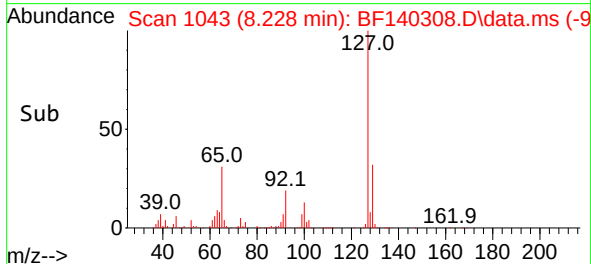
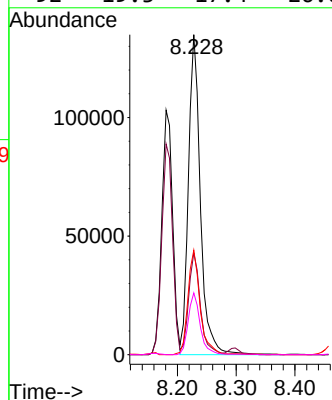
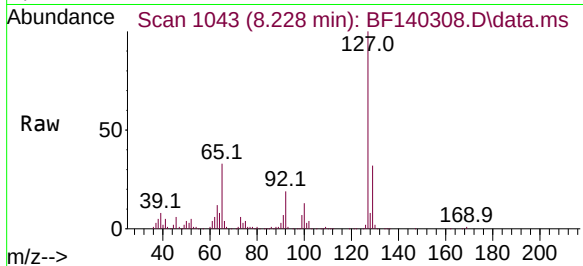




#33
4-Chloroaniline
Concen: 28.600 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

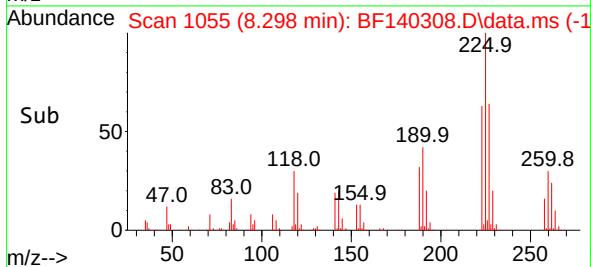
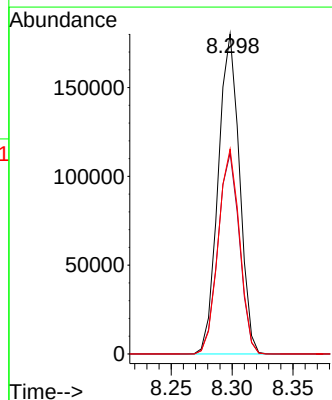
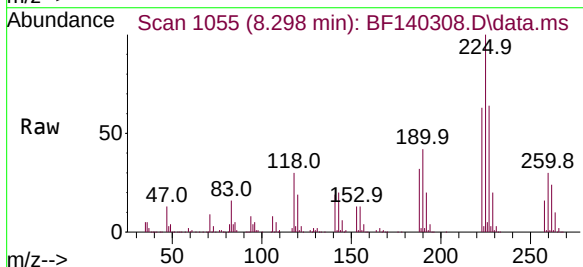
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

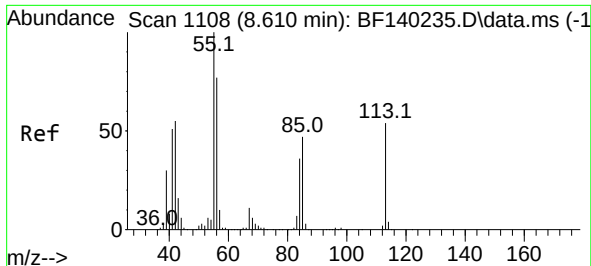
Tgt Ion:	127	Resp:	190562
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	32.6	29.0	43.6
92	19.3	17.4	26.0



#34
Hexachlorobutadiene
Concen: 48.682 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:	225	Resp:	218664
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.8	76.2
227	64.0	51.0	76.6

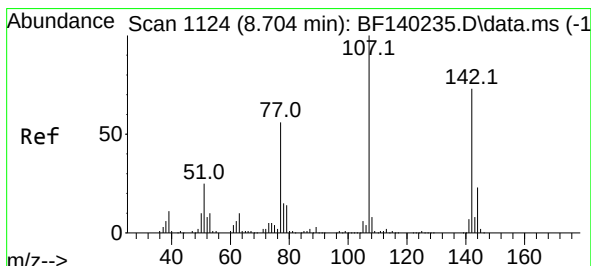
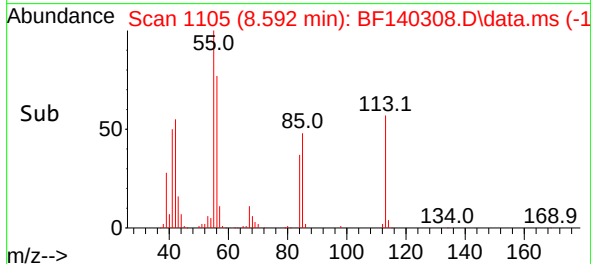
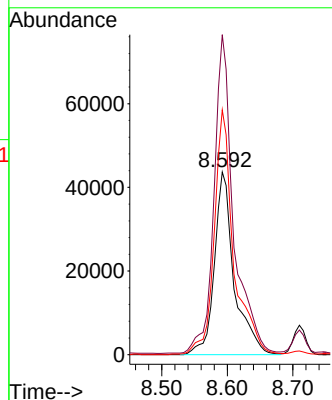
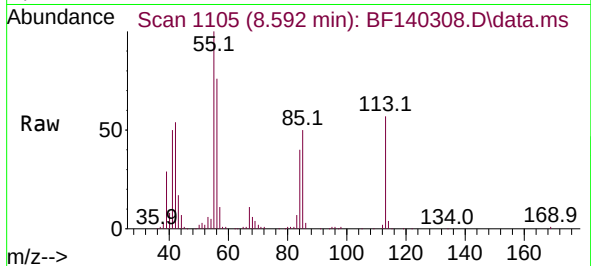




#35
 Caprolactam
 Concen: 54.344 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.018 min
 Lab File: BF140308.D
 Acq: 08 Nov 2024 19:22

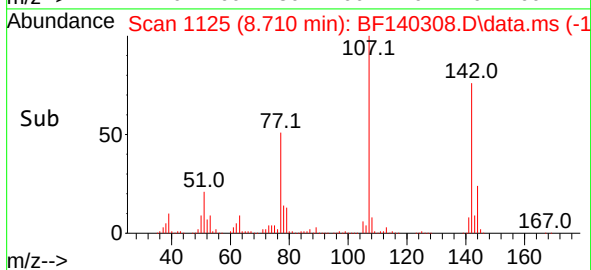
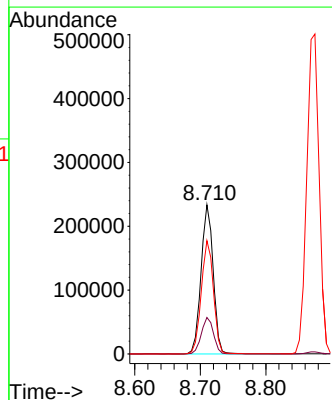
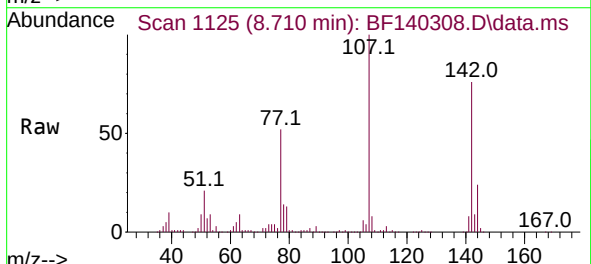
Instrument :
 BNA_F
 ClientSampleId :
 BP-B4MSD

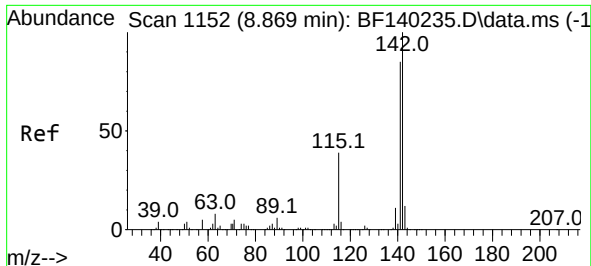
Tgt Ion:113 Resp: 91550
 Ion Ratio Lower Upper
 113 100
 55 175.2 165.2 205.2
 56 134.0 122.1 162.1



#36
 4-Chloro-3-methylphenol
 Concen: 49.129 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF140308.D
 Acq: 08 Nov 2024 19:22

Tgt Ion:107 Resp: 302921
 Ion Ratio Lower Upper
 107 100
 144 24.5 18.6 27.8
 142 75.9 58.1 87.1





#37

2-Methylnaphthalene

Concen: 49.310 ng

RT: 8.875 min Scan# 1152

Delta R.T. 0.006 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

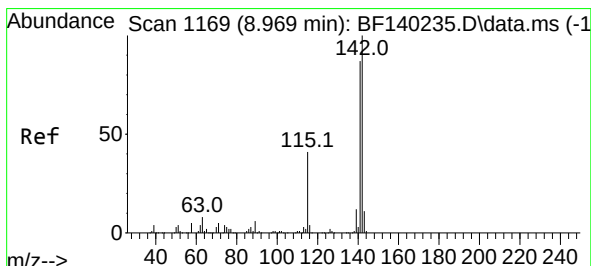
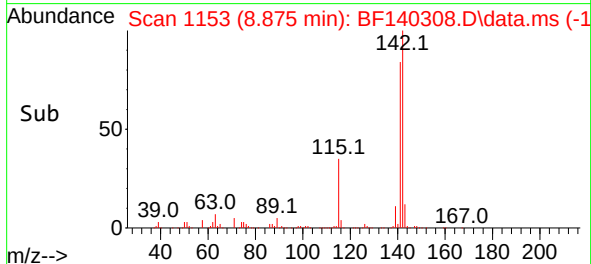
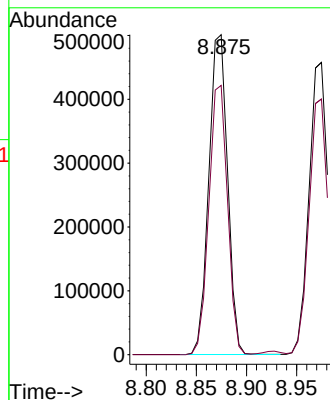
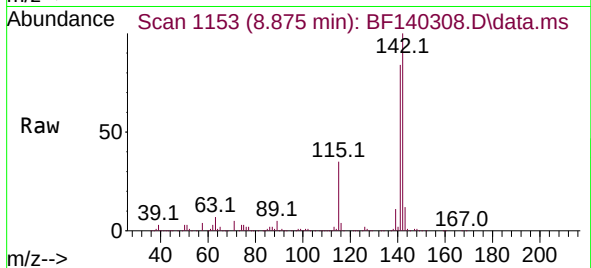
BP-B4MSD

Tgt Ion:142 Resp: 651335

Ion Ratio Lower Upper

142 100

141 84.2 67.8 101.8



#38

1-Methylnaphthalene

Concen: 46.285 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF140308.D

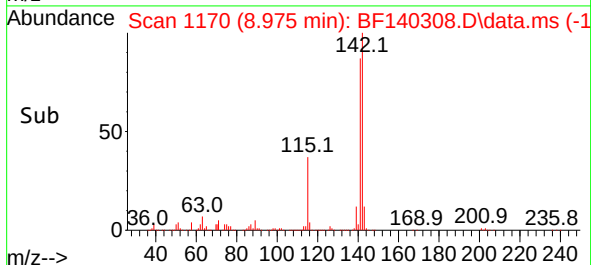
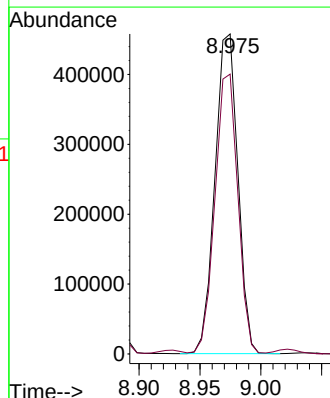
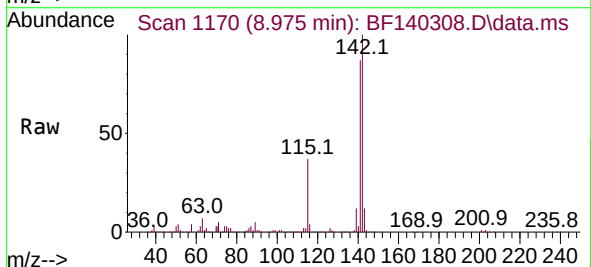
Acq: 08 Nov 2024 19:22

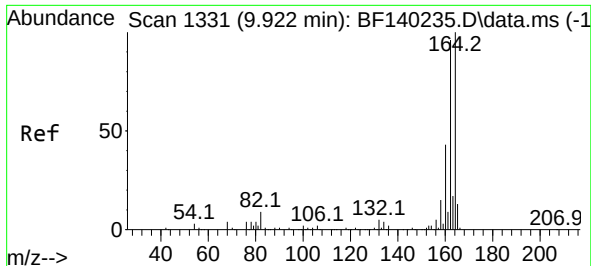
Tgt Ion:142 Resp: 599255

Ion Ratio Lower Upper

142 100

141 87.5 69.7 104.5

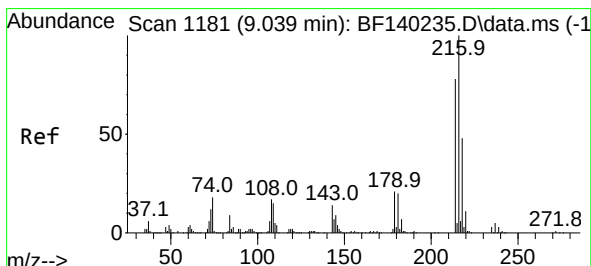
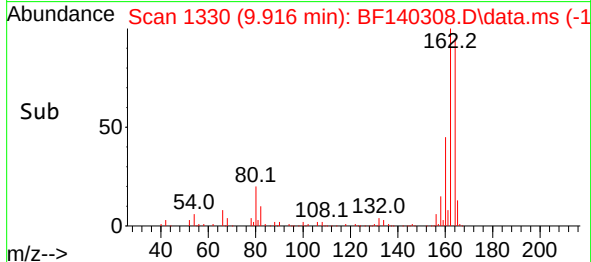
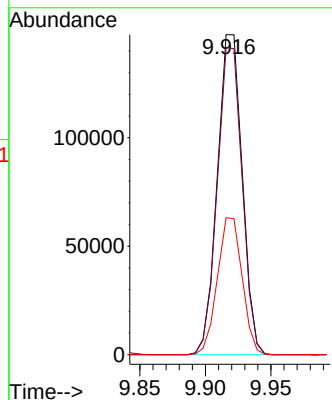
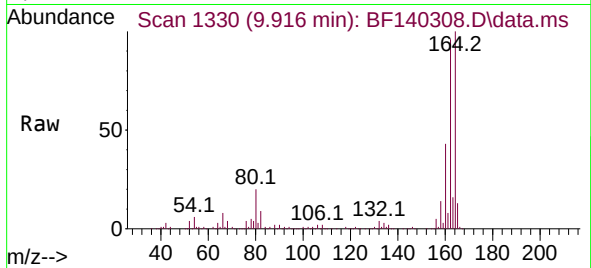




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

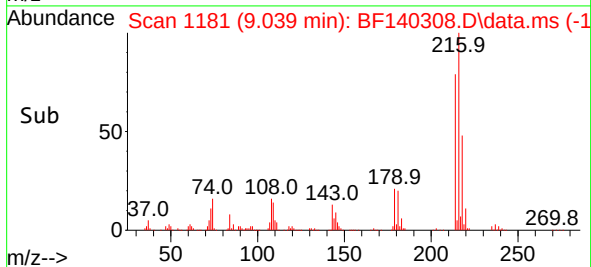
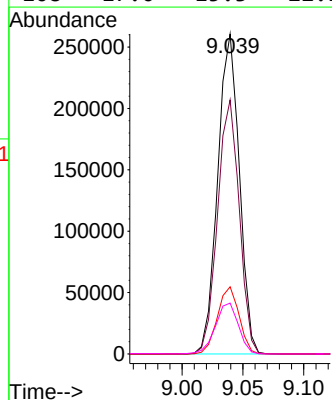
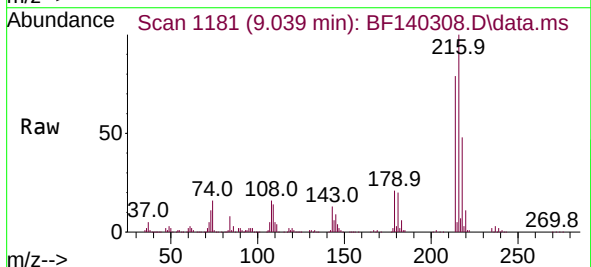
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

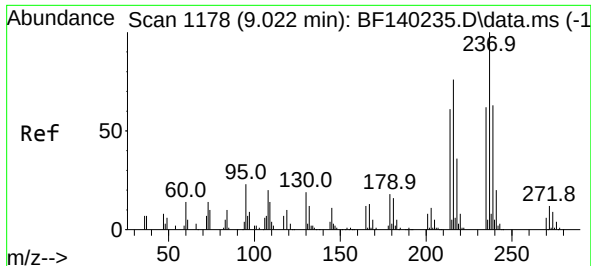
Tgt Ion:164 Resp: 195155
Ion Ratio Lower Upper
164 100
162 96.0 77.0 115.4
160 42.8 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.441 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:216 Resp: 322457
Ion Ratio Lower Upper
216 100
214 79.4 62.8 94.2
179 21.0 17.3 25.9
108 17.0 15.3 22.9

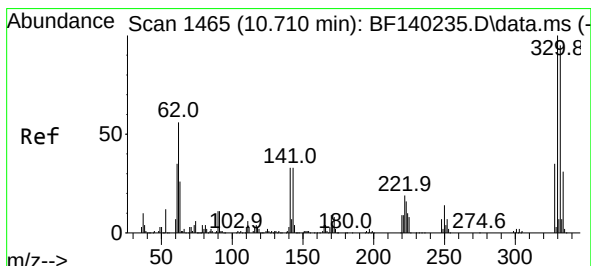
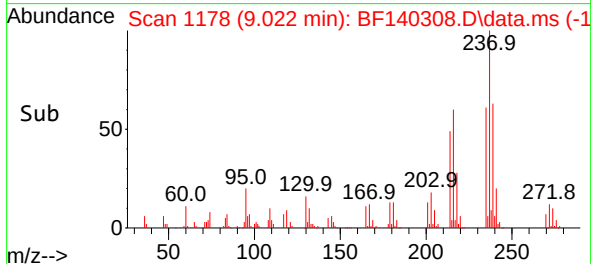
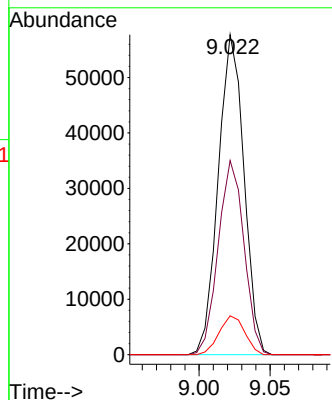
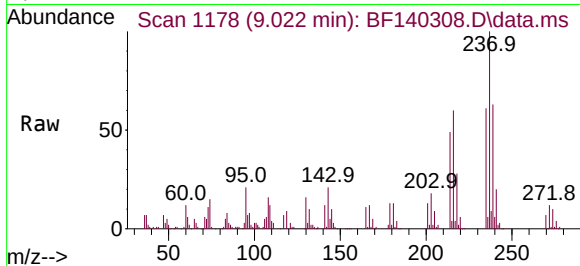




#41
Hexachlorocyclopentadiene
Concen: 45.355 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

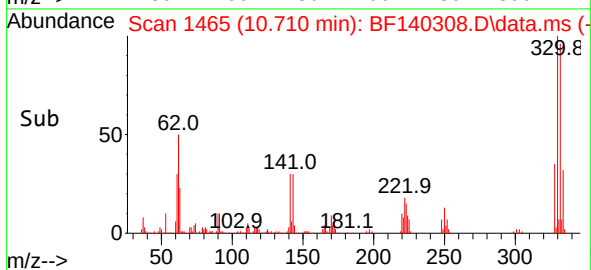
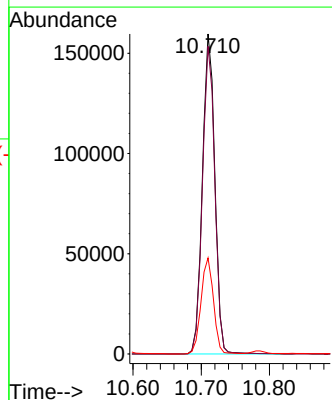
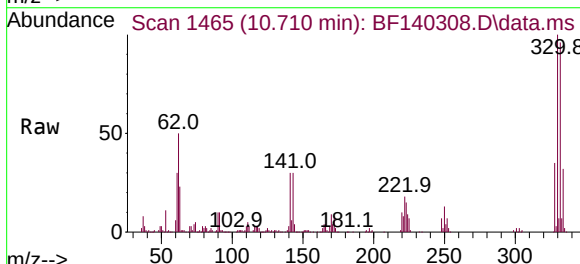
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

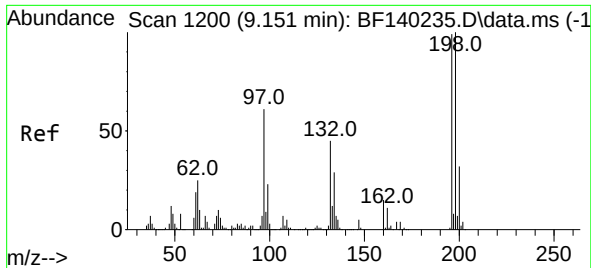
Tgt Ion:	237	Resp:	72609
Ion Ratio	Lower	Upper	
237	100		
235	60.6	41.8	81.8
272	12.2	0.0	31.8



#42
2,4,6-Tribromophenol
Concen: 104.695 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:	330	Resp:	201957
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.4	114.6
141	30.2	27.0	40.4

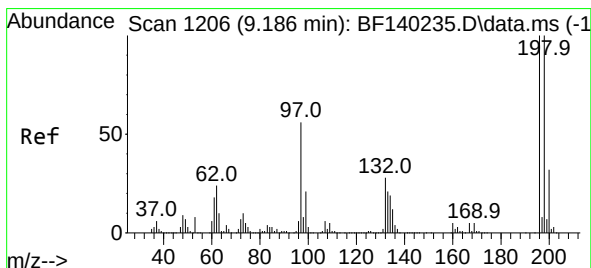
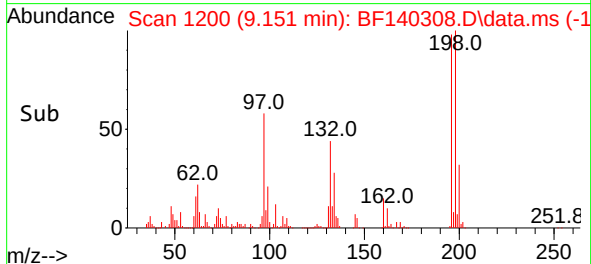
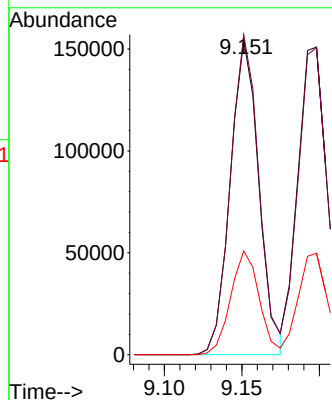
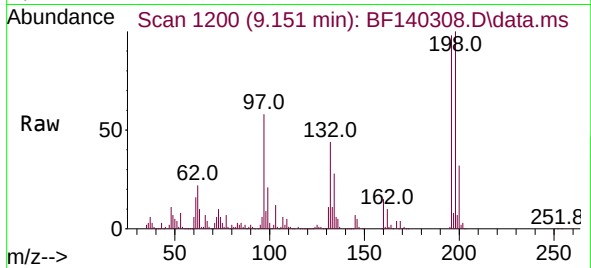




#43
2,4,6-Trichlorophenol
Concen: 55.802 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

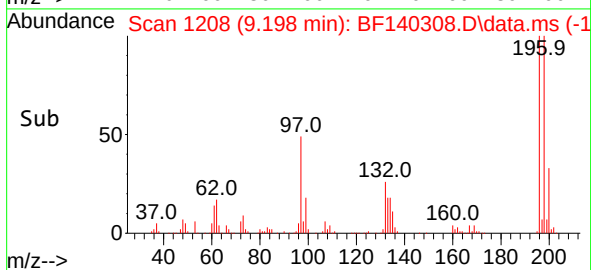
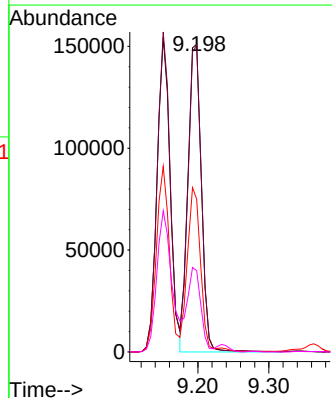
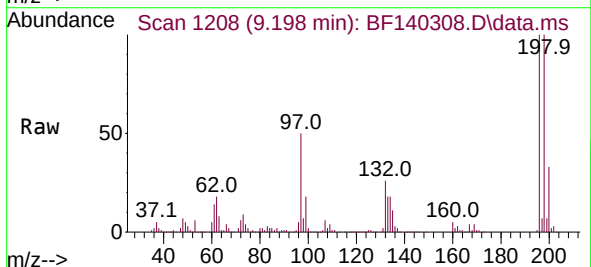
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

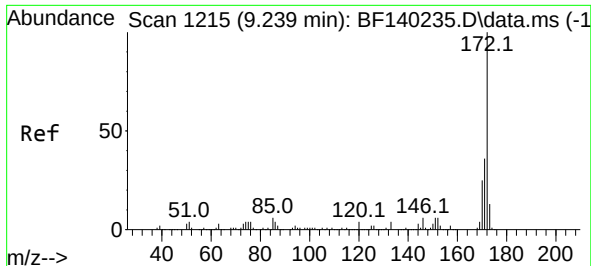
Tgt Ion:196 Resp: 197560
Ion Ratio Lower Upper
196 100
198 101.7 80.8 121.2
200 33.0 26.0 39.0



#44
2,4,5-Trichlorophenol
Concen: 53.530 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:196 Resp: 199268
Ion Ratio Lower Upper
196 100
198 99.8 80.0 120.0
97 49.7 45.7 68.5
132 26.4 23.0 34.6

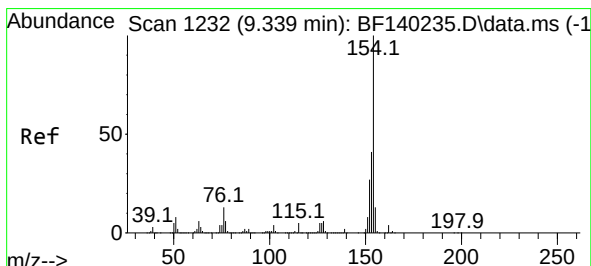
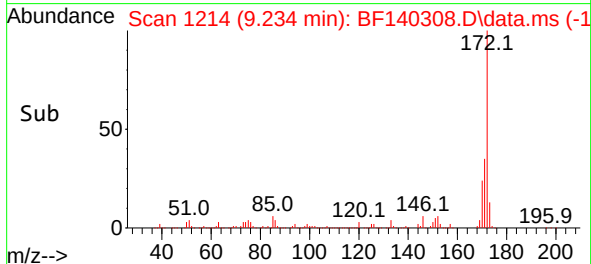
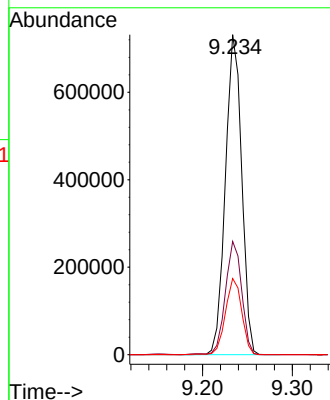
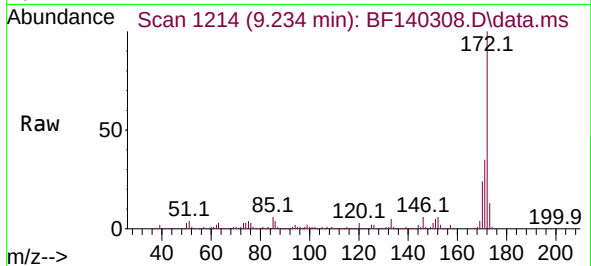




#45
2-Fluorobiphenyl
Concen: 75.450 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

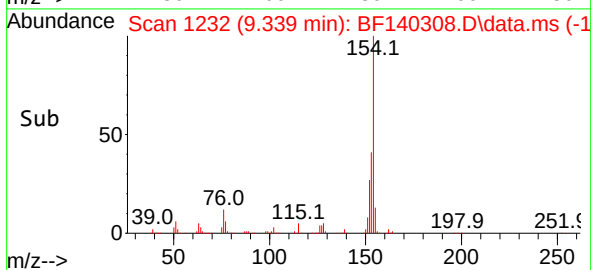
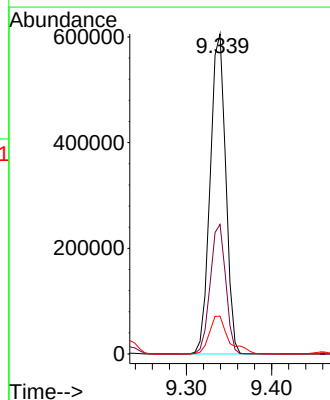
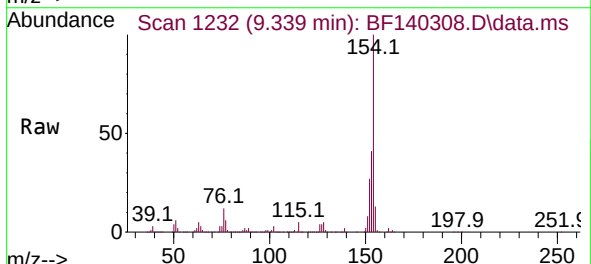
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

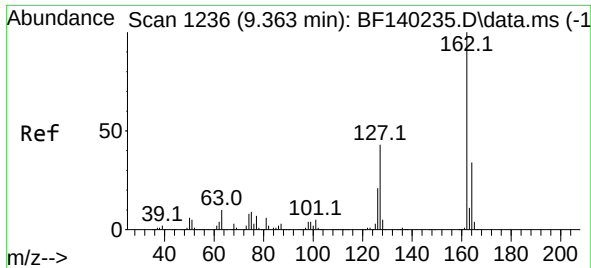
Tgt Ion:172 Resp: 922122
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.8 19.6 29.4



#46
1,1'-Biphenyl
Concen: 54.487 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:154 Resp: 768600
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.8 0.0 32.6

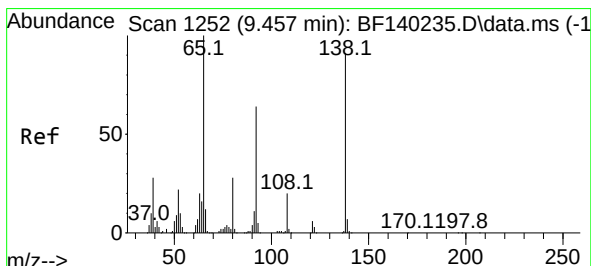
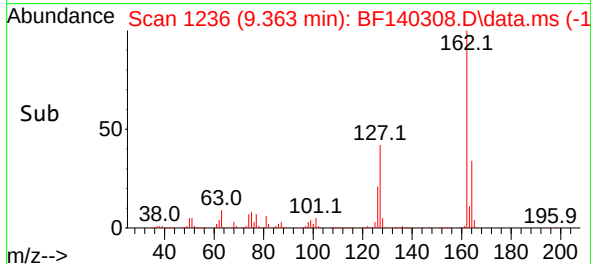
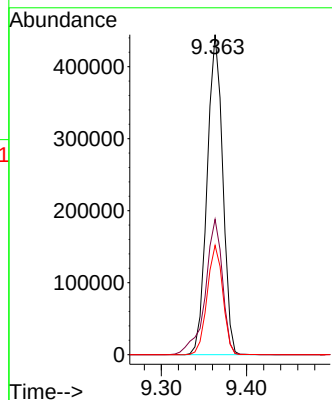
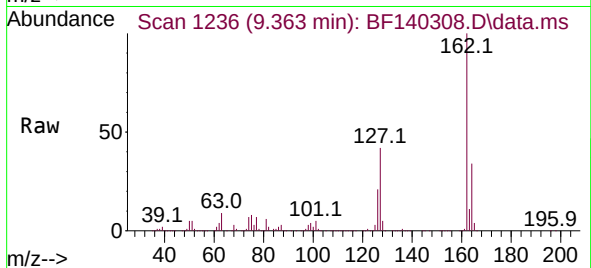




#47
2-Chloronaphthalene
Concen: 53.160 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

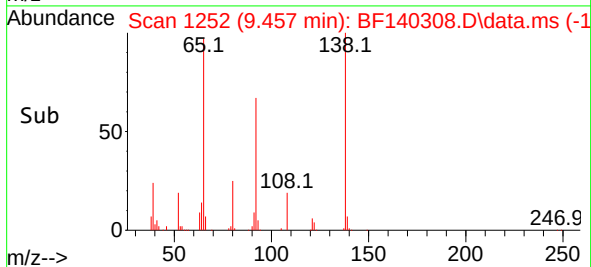
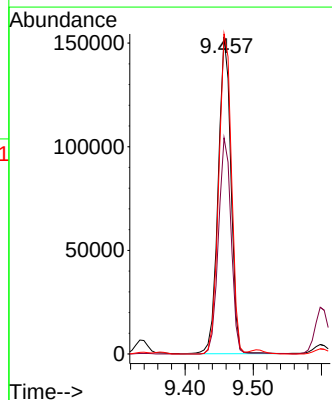
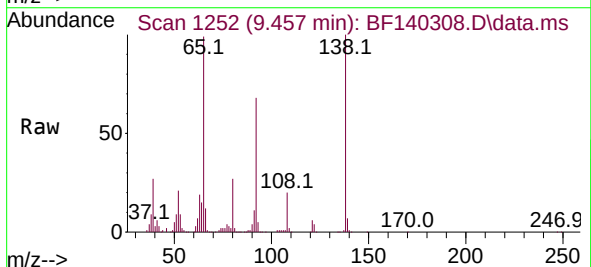
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

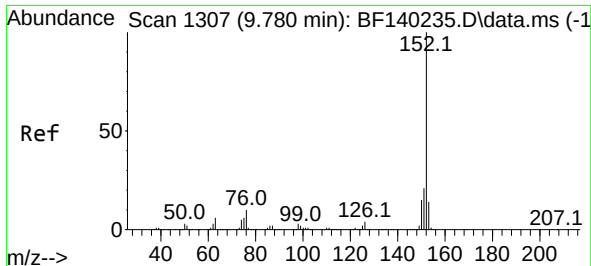
Tgt Ion:162 Resp: 564395
Ion Ratio Lower Upper
162 100
127 42.3 34.8 52.2
164 34.2 27.3 40.9



#48
2-Nitroaniline
Concen: 56.009 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion: 65 Resp: 198865
Ion Ratio Lower Upper
65 100
92 68.1 51.6 77.4
138 100.8 73.0 109.6

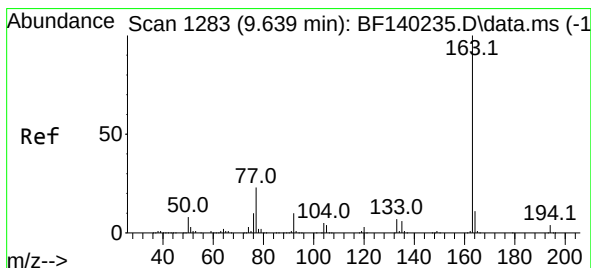
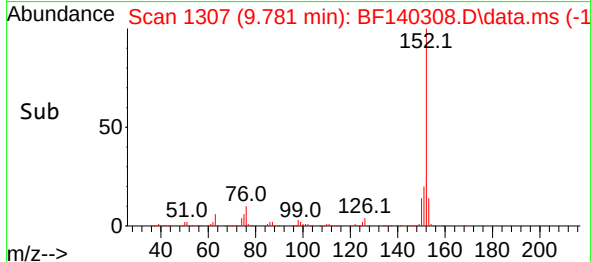
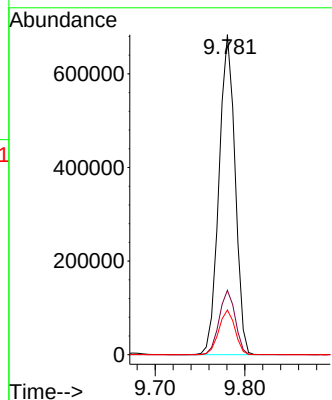
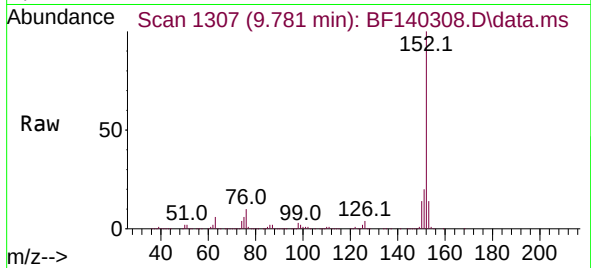




#49
Acenaphthylene
Concen: 56.787 ng
RT: 9.781 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

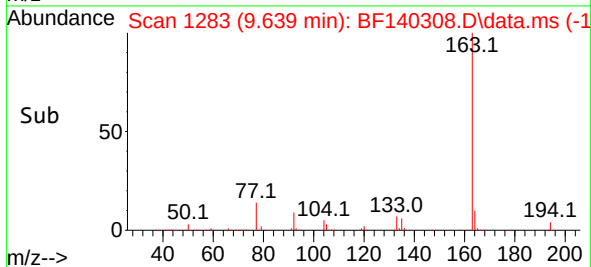
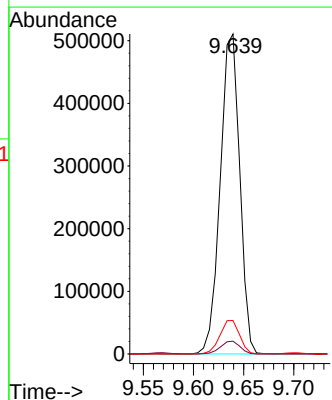
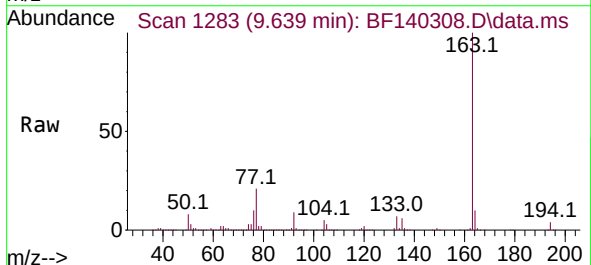
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

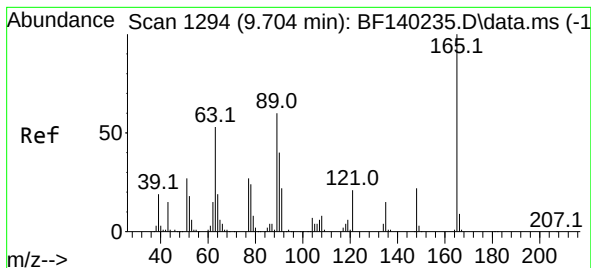
Tgt Ion:152 Resp: 853582
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 57.344 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:163 Resp: 689205
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.5 8.6 13.0

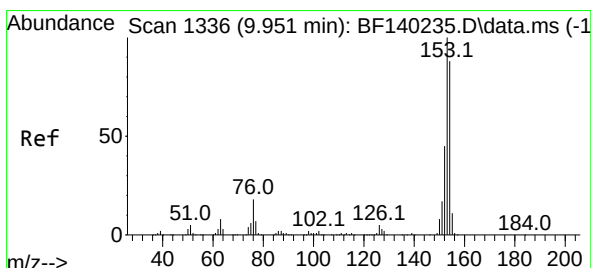
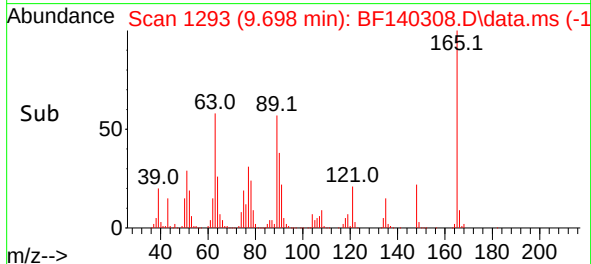
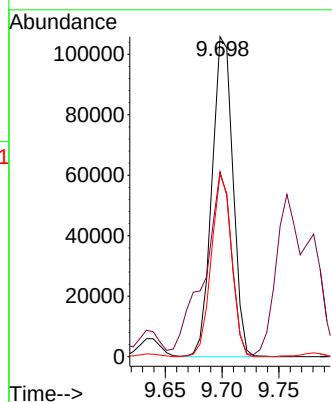
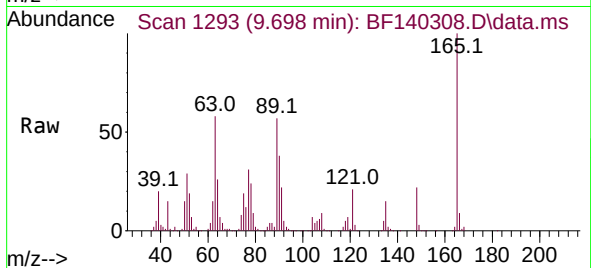




#51
2,6-Dinitrotoluene
Concen: 48.081 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

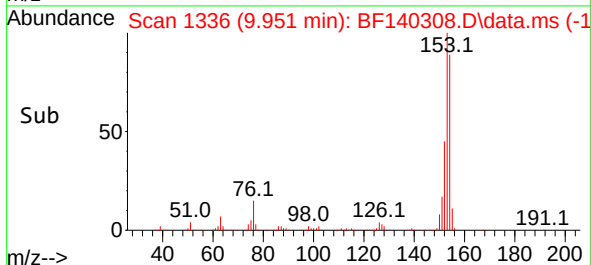
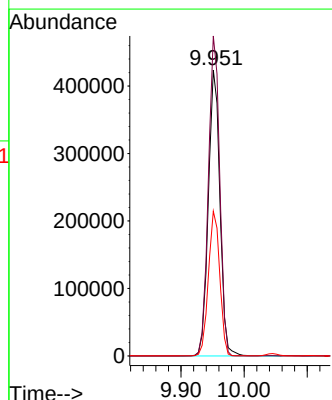
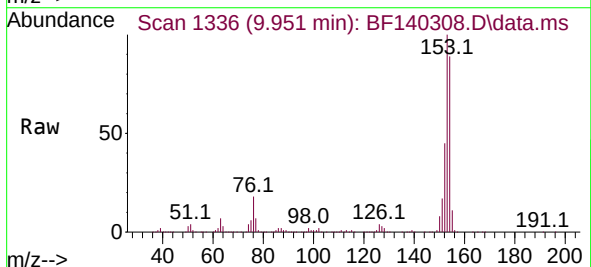
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

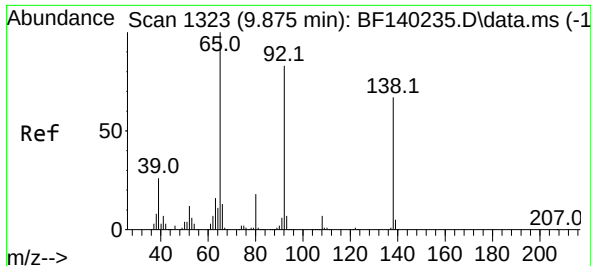
Tgt Ion:165 Resp: 135835
Ion Ratio Lower Upper
165 100
63 57.8 48.8 73.2
89 57.1 48.1 72.1



#52
Acenaphthene
Concen: 50.806 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:154 Resp: 541661
Ion Ratio Lower Upper
154 100
153 111.9 91.3 136.9
152 50.6 41.4 62.2

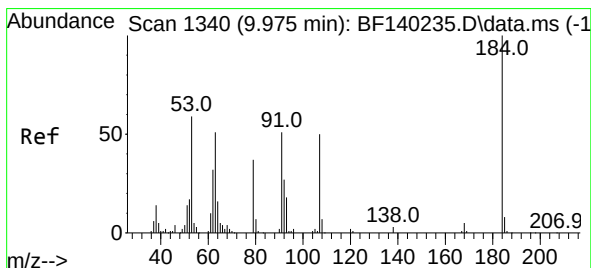
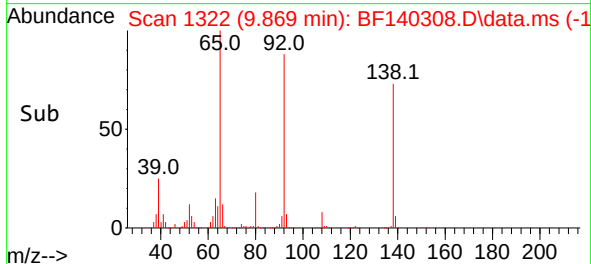
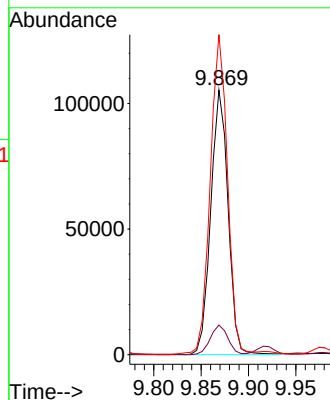
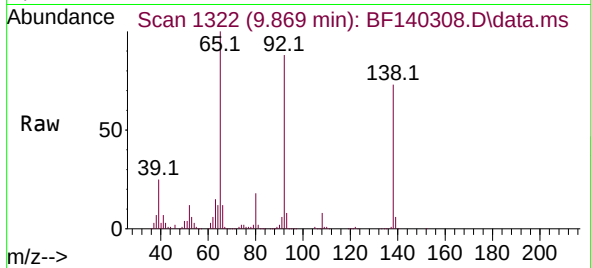




#53
3-Nitroaniline
Concen: 50.258 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

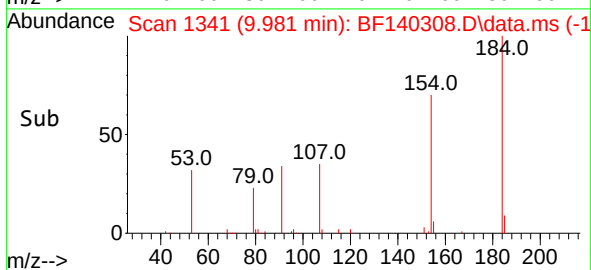
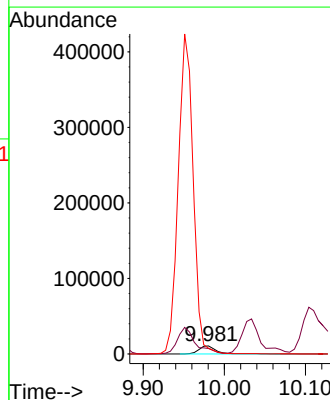
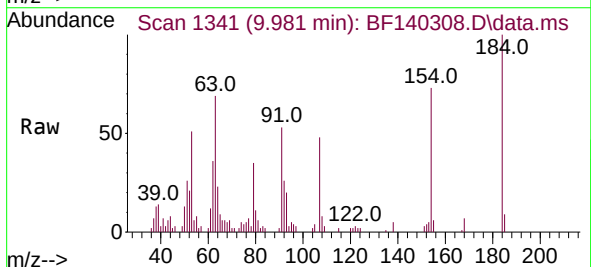
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

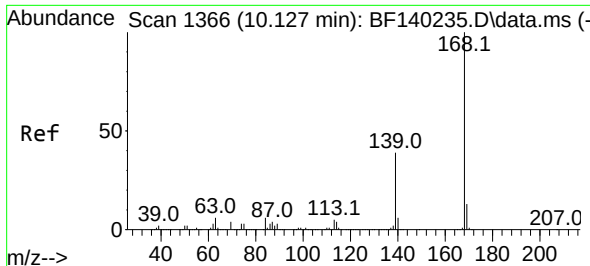
Tgt Ion:138 Resp: 133697
Ion Ratio Lower Upper
138 100
108 11.2 8.8 13.2
92 120.9 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 16.648 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:184 Resp: 15791
Ion Ratio Lower Upper
184 100
63 69.3 60.1 90.1
154 73.1 66.3 99.5

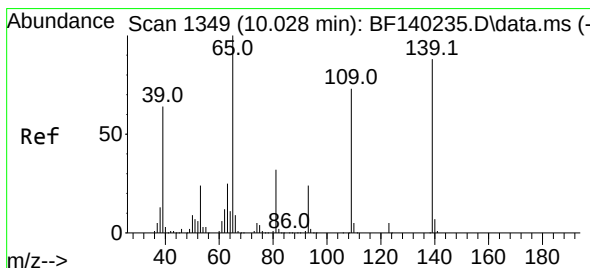
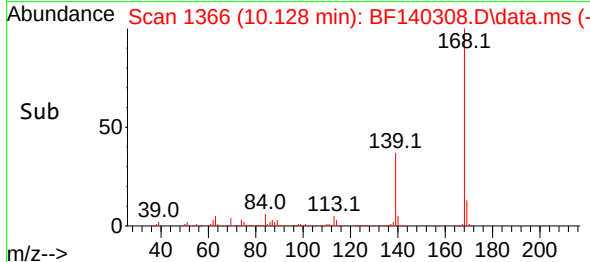
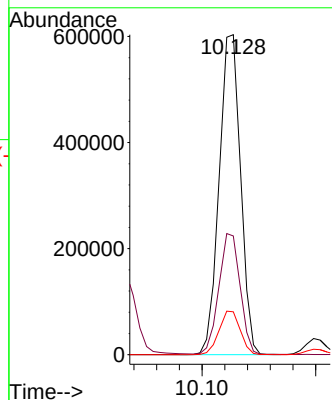
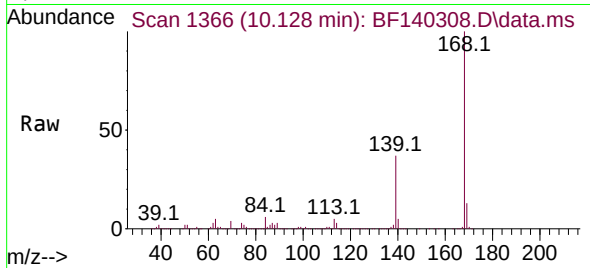




#55
Dibenzofuran
Concen: 53.069 ng
RT: 10.128 min Scan# 1366
Delta R.T. 0.001 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

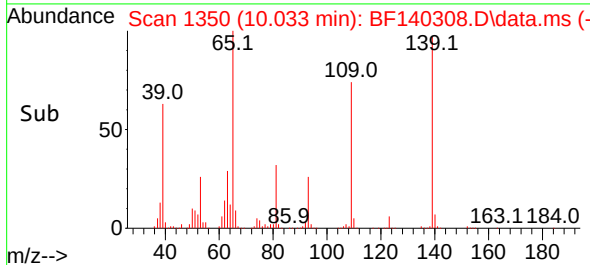
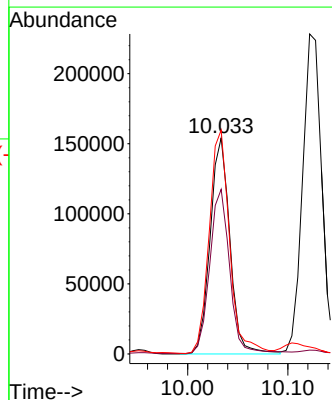
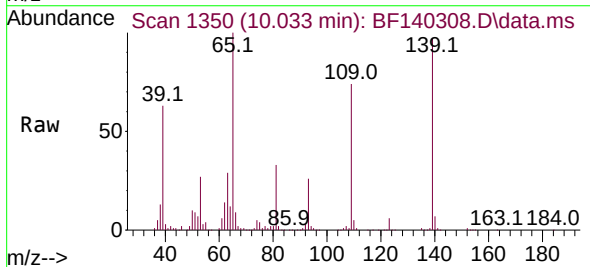
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

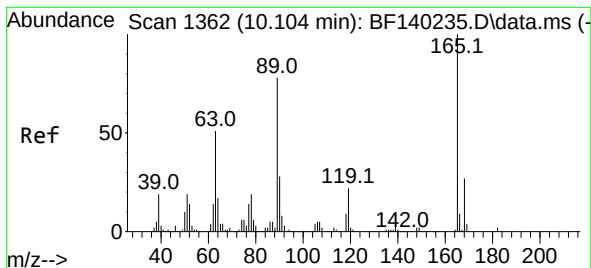
Tgt Ion:168 Resp: 791168
Ion Ratio Lower Upper
168 100
139 37.1 31.5 47.3
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 112.924 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:139 Resp: 211218
Ion Ratio Lower Upper
139 100
109 76.3 63.8 103.8
65 103.6 94.7 134.7

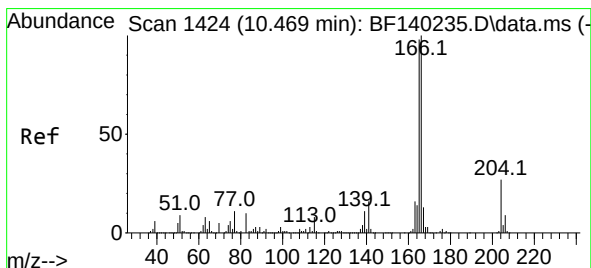
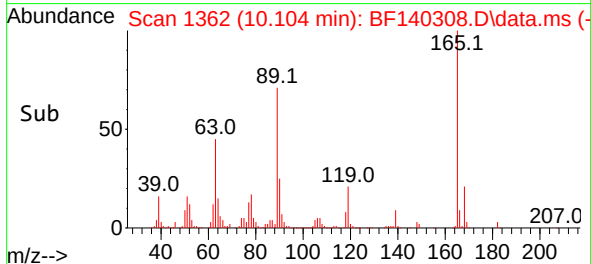
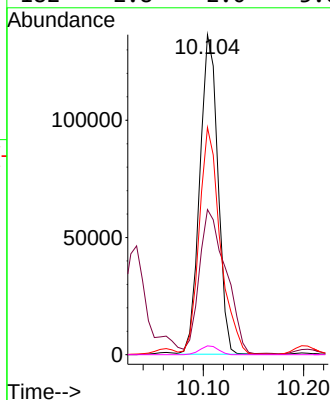
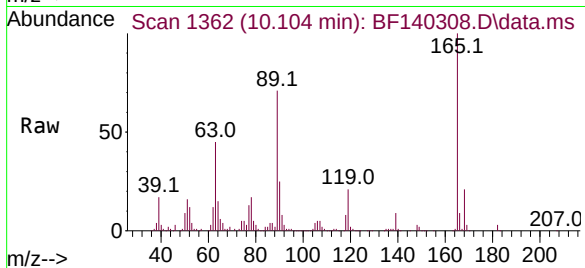




#57
2,4-Dinitrotoluene
Concen: 46.817 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

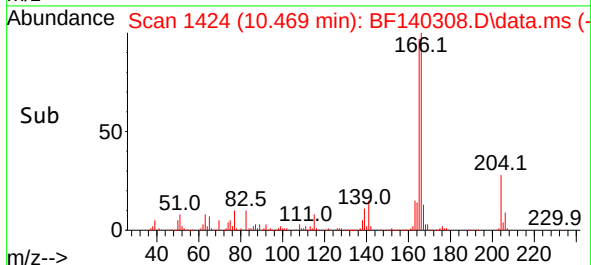
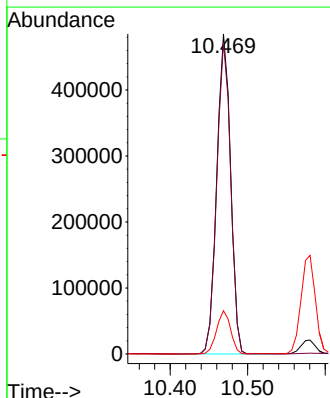
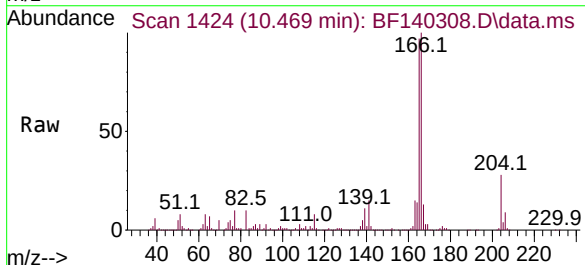
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

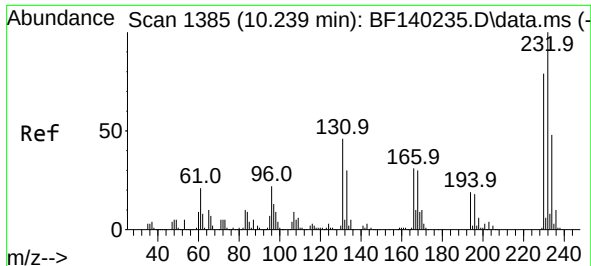
Tgt Ion:165 Resp: 171637
Ion Ratio Lower Upper
165 100
63 45.3 41.3 61.9
89 71.0 62.6 94.0
182 2.8 2.0 3.0



#58
Fluorene
Concen: 50.792 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:166 Resp: 602772
Ion Ratio Lower Upper
166 100
165 97.4 78.7 118.1
167 13.5 10.8 16.2

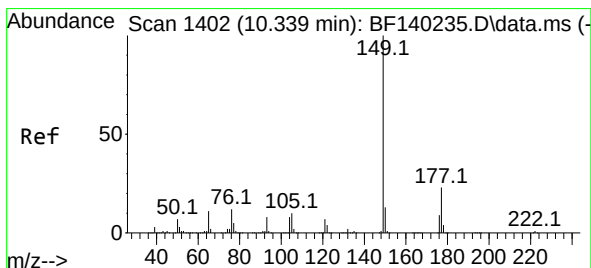
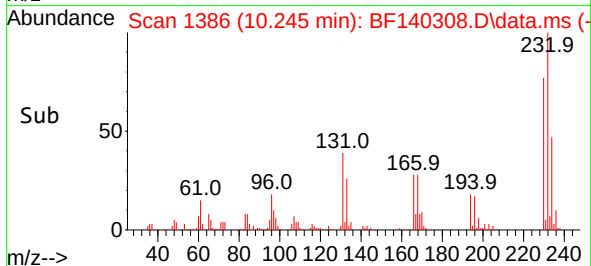
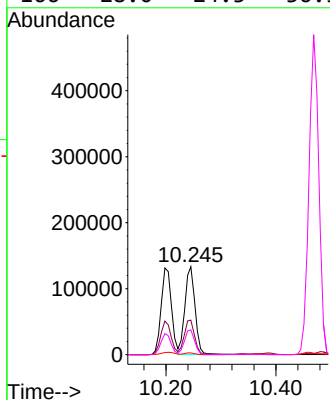
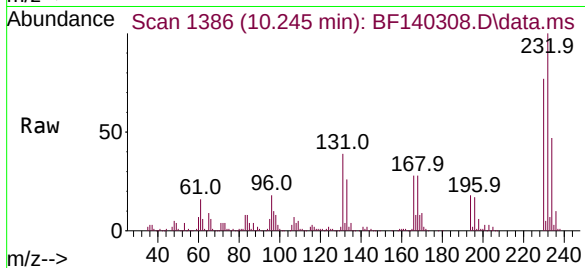




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.256 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

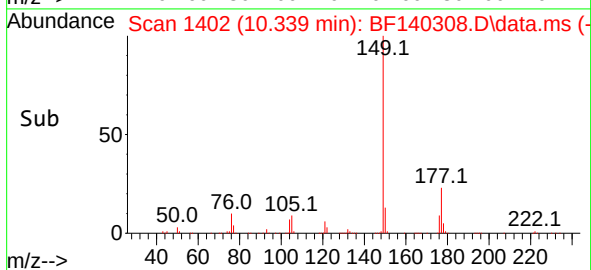
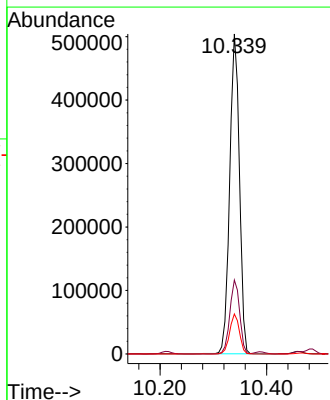
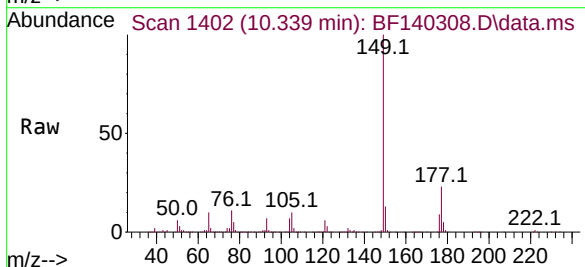
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

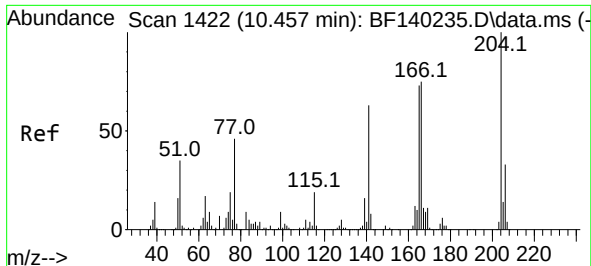
Tgt Ion:232 Resp: 171553
Ion Ratio Lower Upper
232 100
131 40.1 37.2 55.8
130 1.9 1.8 2.8
166 28.0 24.3 36.5



#60
Diethylphthalate
Concen: 53.560 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:149 Resp: 639698
Ion Ratio Lower Upper
149 100
177 23.1 18.1 27.1
150 12.5 10.2 15.4

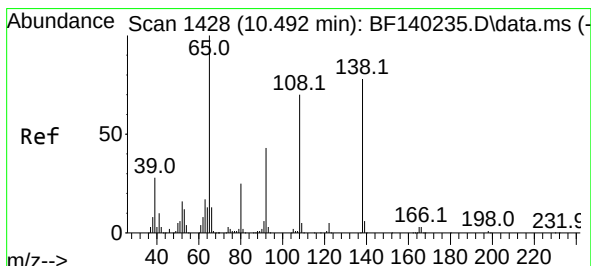
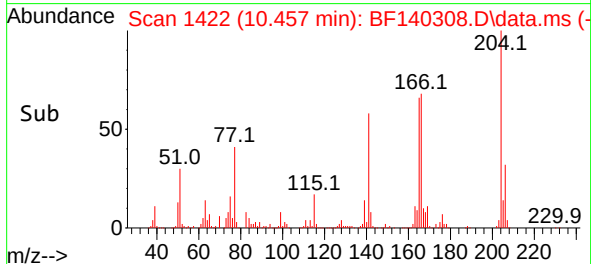
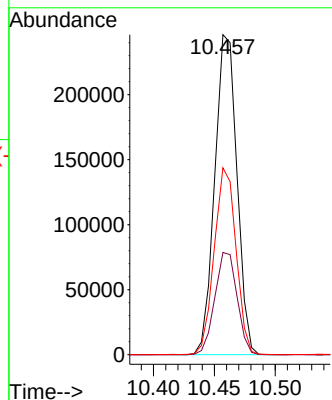
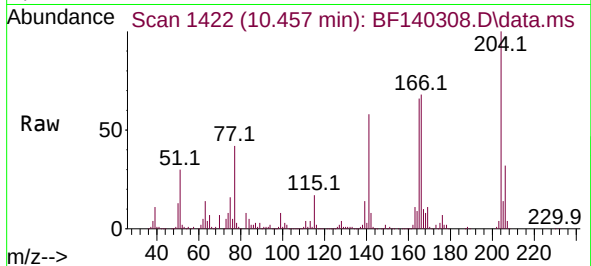




#61
4-Chlorophenyl-phenylether
Concen: 52.221 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

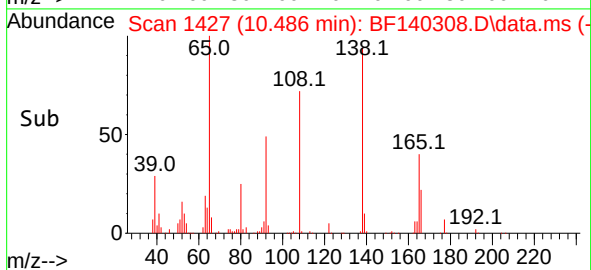
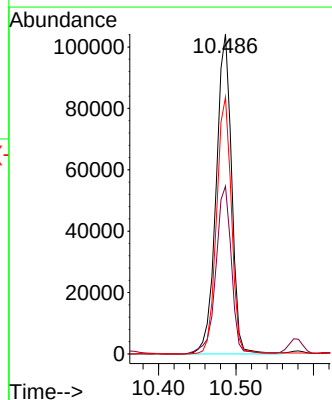
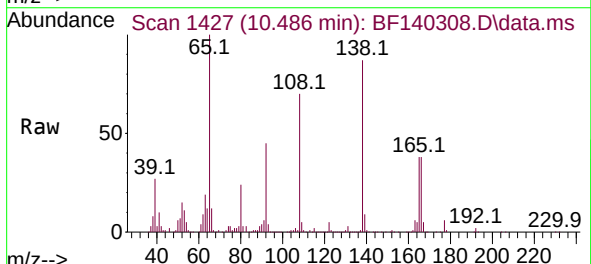
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

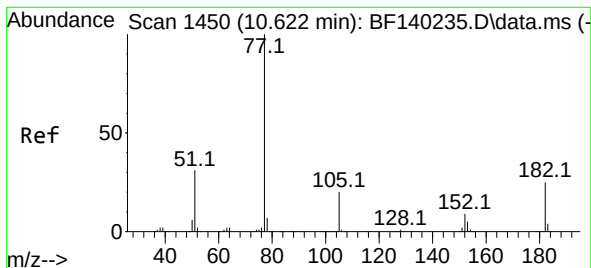
Tgt Ion:204 Resp: 312335
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.4
141 58.4 50.3 75.5



#62
4-Nitroaniline
Concen: 54.904 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:138 Resp: 145143
Ion Ratio Lower Upper
138 100
92 52.4 35.3 75.3
108 80.3 70.1 110.1





#63

Azobenzene

Concen: 53.140 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

Tgt Ion: 77 Resp: 657925

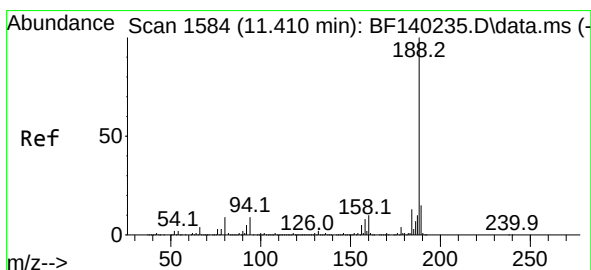
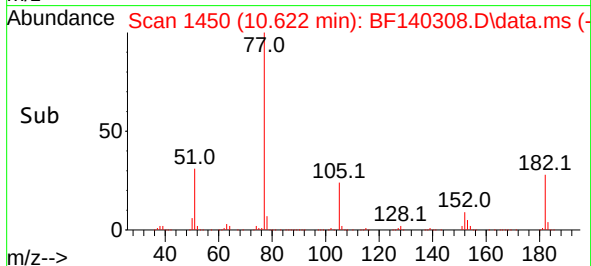
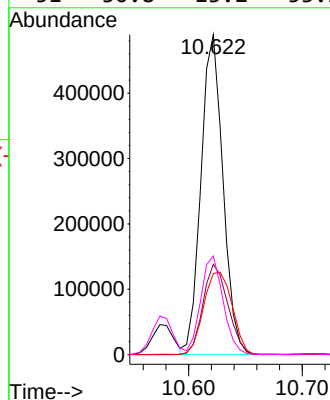
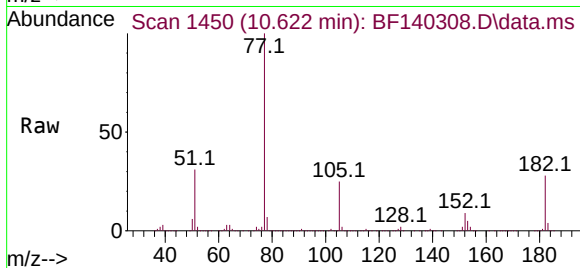
Ion Ratio Lower Upper

77 100

182 28.2 4.7 44.7

105 25.3 0.0 40.0

51 30.8 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: BF140308.D

Acq: 08 Nov 2024 19:22

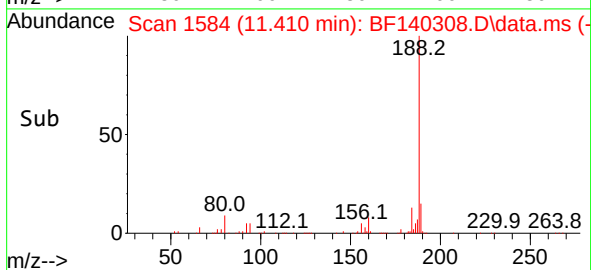
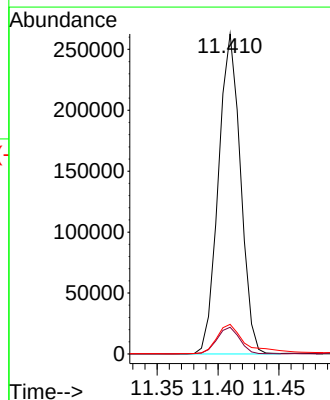
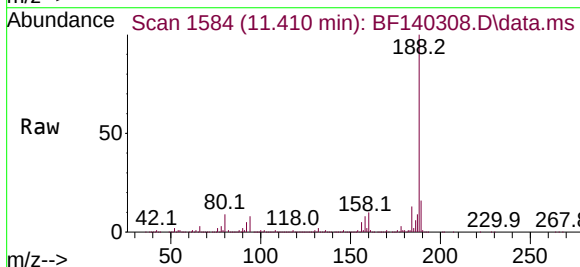
Tgt Ion: 188 Resp: 332415

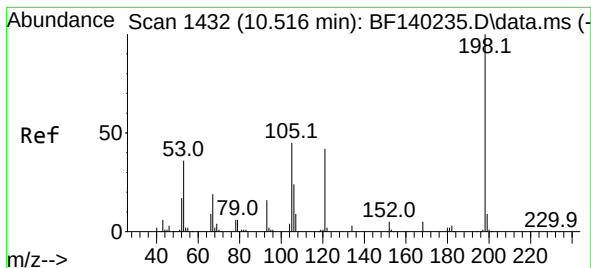
Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

80 9.2 7.5 11.3

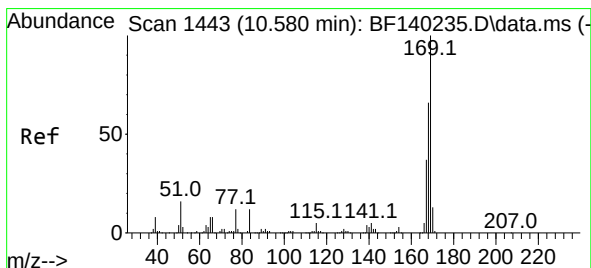
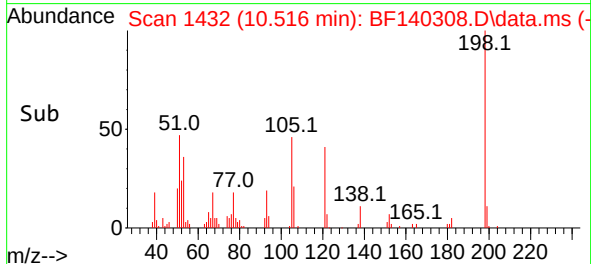
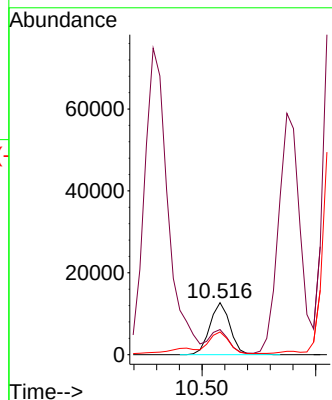
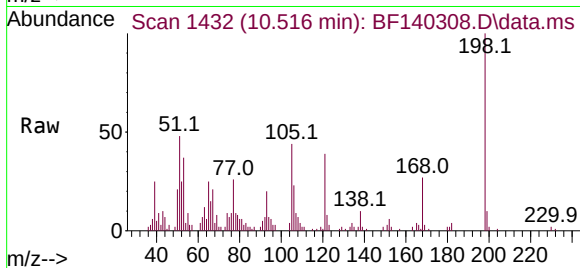




#65
4,6-Dinitro-2-methylphenol
Concen: 8.992 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

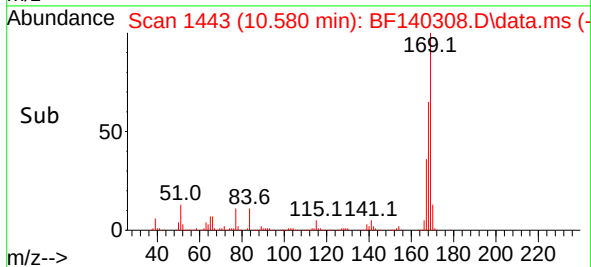
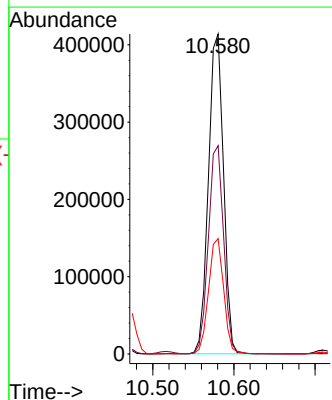
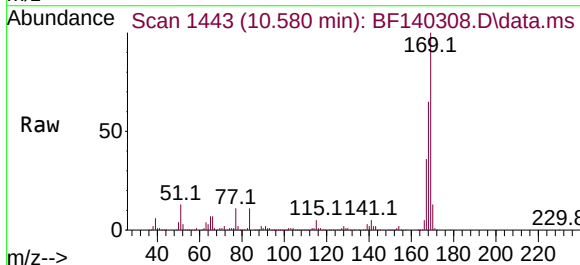
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

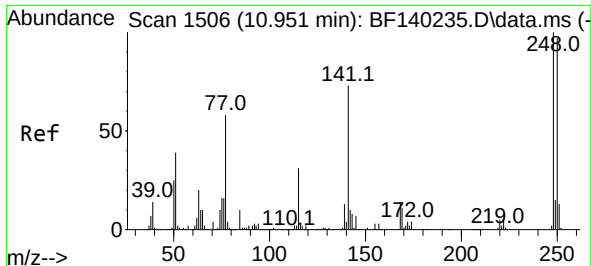
Tgt Ion:198 Resp: 15698
Ion Ratio Lower Upper
198 100
51 48.2 34.0 74.0
105 43.7 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 55.660 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:169 Resp: 532155
Ion Ratio Lower Upper
169 100
168 65.1 53.0 79.6
167 36.1 29.4 44.2

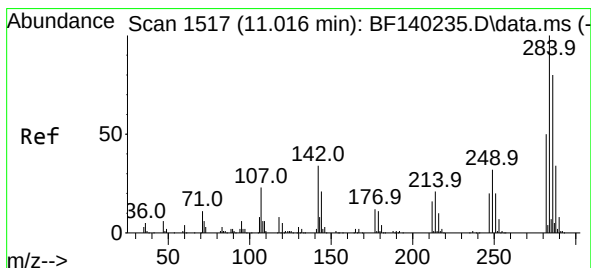
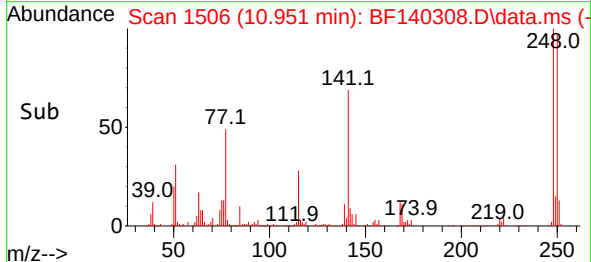
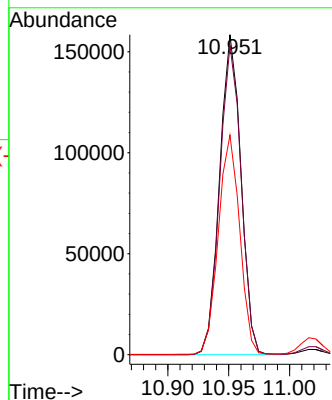
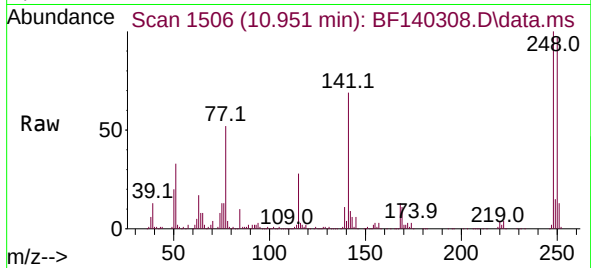




#67
4-Bromophenyl-phenylether
Concen: 54.018 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

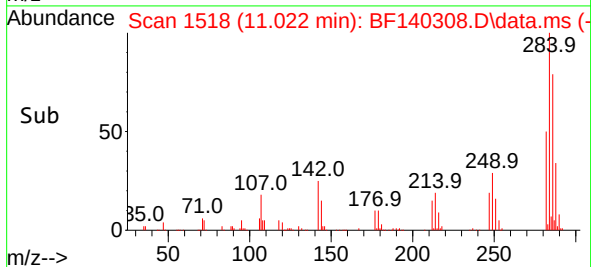
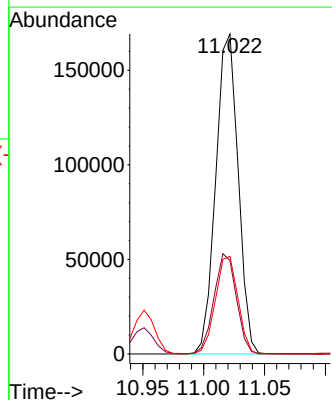
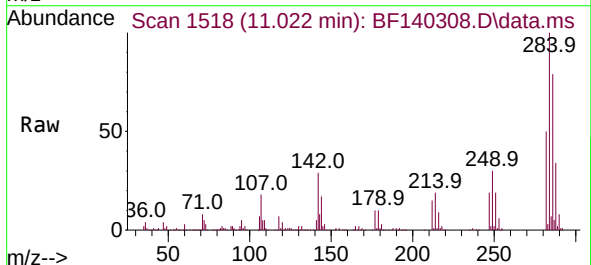
Instrument :
BNA_F
ClientSampleId :
BP-B4MSD

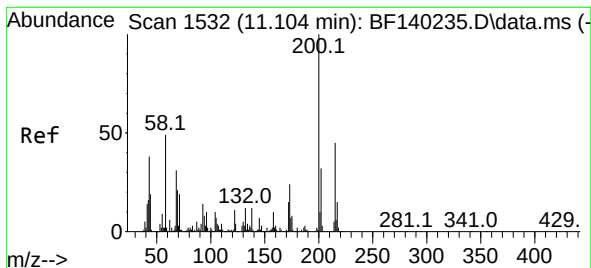
Tgt Ion:248 Resp: 193359
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 68.6 58.6 88.0



#68
Hexachlorobenzene
Concen: 53.036 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140308.D
Acq: 08 Nov 2024 19:22

Tgt Ion:284 Resp: 216397
Ion Ratio Lower Upper
284 100
142 29.2 27.5 41.3
249 30.5 26.2 39.2





#69

Atrazine

Concen: 69.233 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

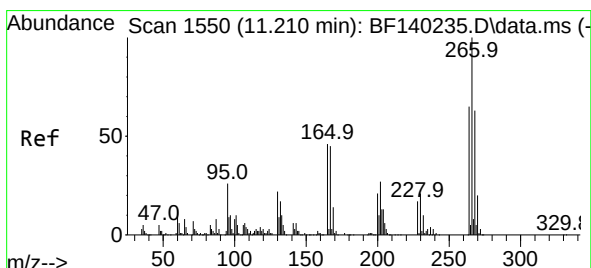
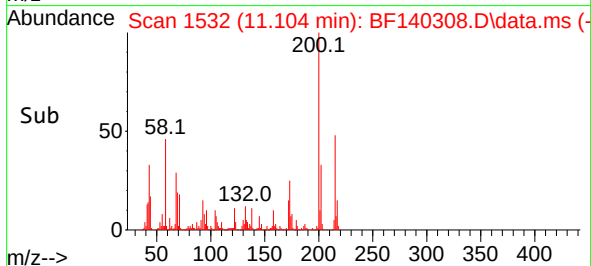
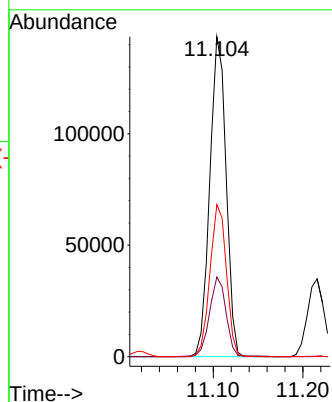
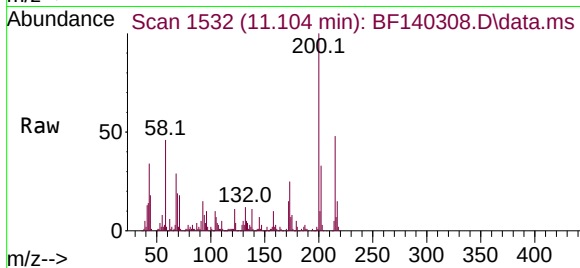
Tgt Ion:200 Resp: 181096

Ion Ratio Lower Upper

200 100

173 24.9 4.4 44.4

215 47.5 25.2 65.2



#70

Pentachlorophenol

Concen: 113.935 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

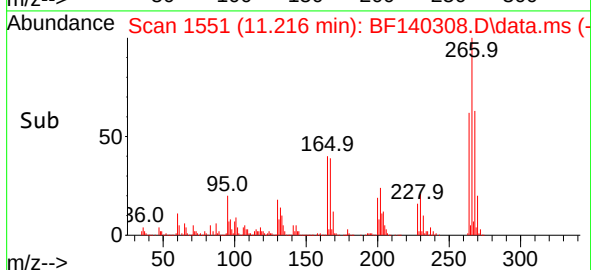
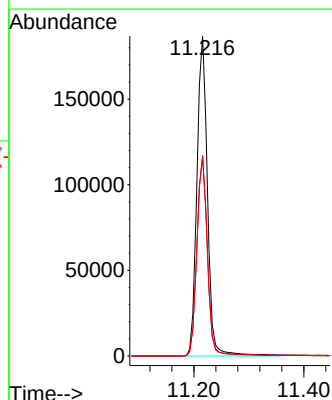
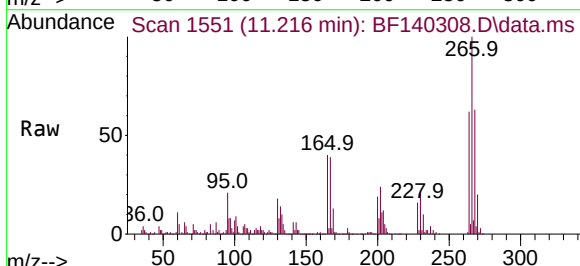
Tgt Ion:266 Resp: 249628

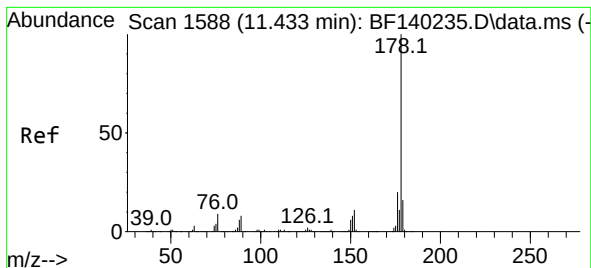
Ion Ratio Lower Upper

266 100

268 62.6 50.2 75.4

264 62.1 52.2 78.4





#71

Phenanthrene

Concen: 55.712 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

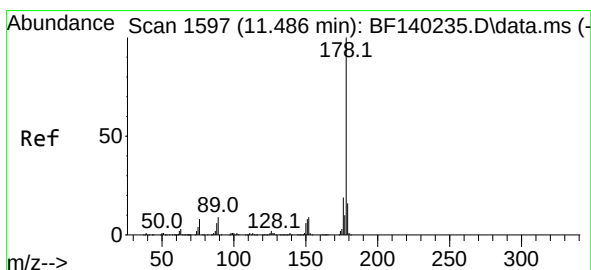
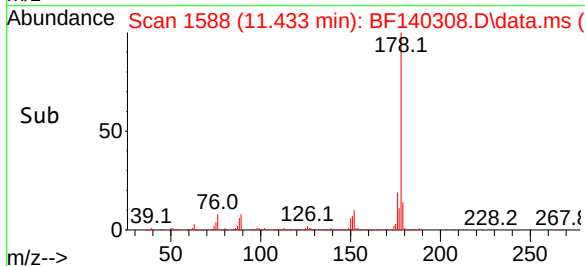
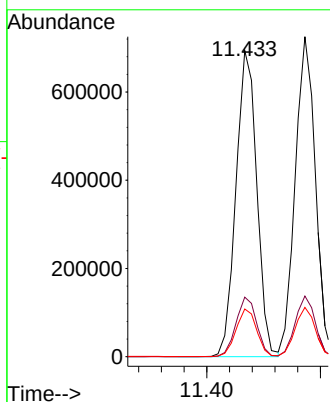
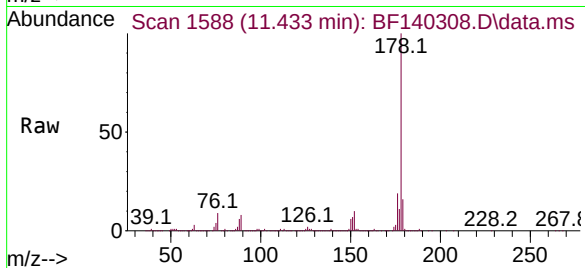
Tgt Ion:178 Resp: 883817

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.6 12.6 18.8



#72

Anthracene

Concen: 57.468 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

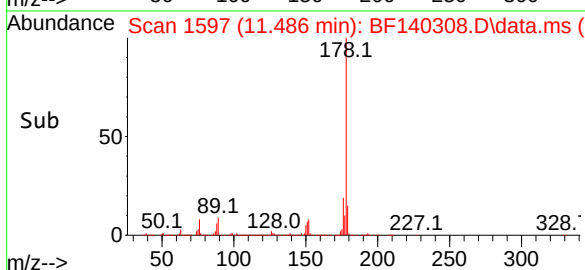
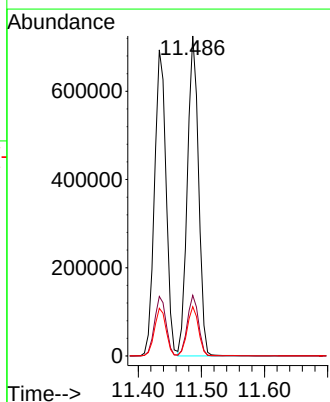
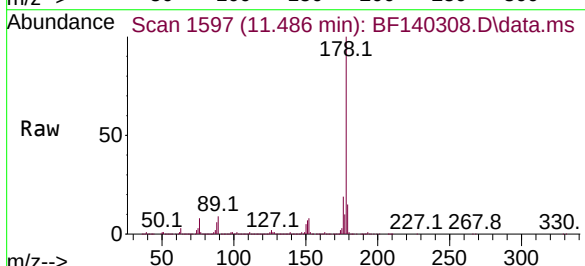
Tgt Ion:178 Resp: 893958

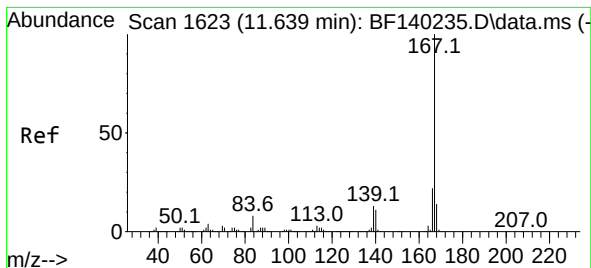
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.4 12.7 19.1





#73

Carbazole

Concen: 57.257 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

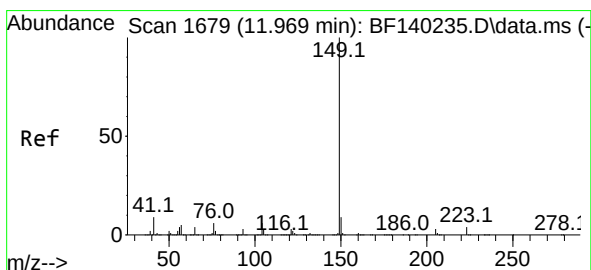
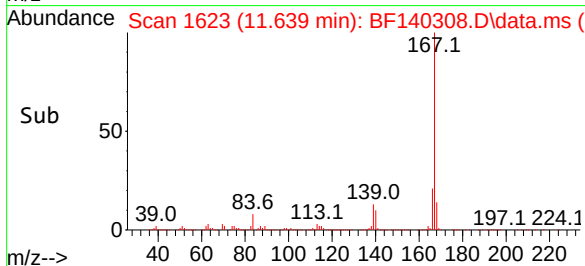
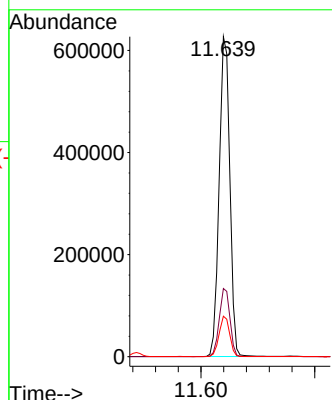
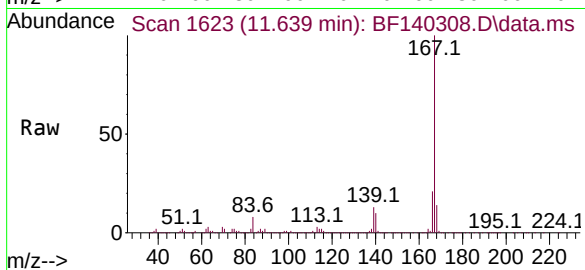
Tgt Ion:167 Resp: 813834

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.7 10.7 16.1



#74

Di-n-butylphthalate

Concen: 54.437 ng

RT: 11.969 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

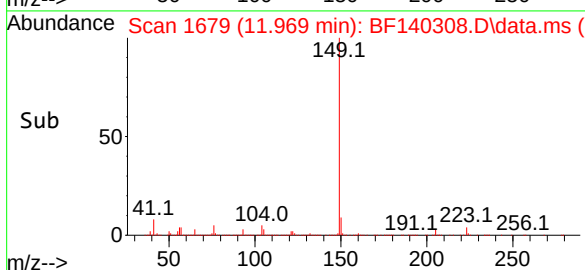
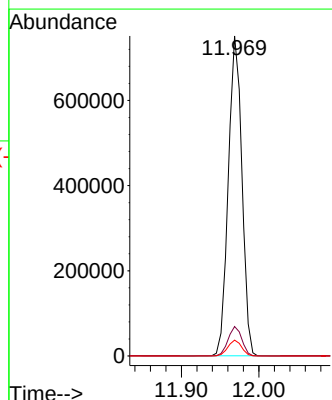
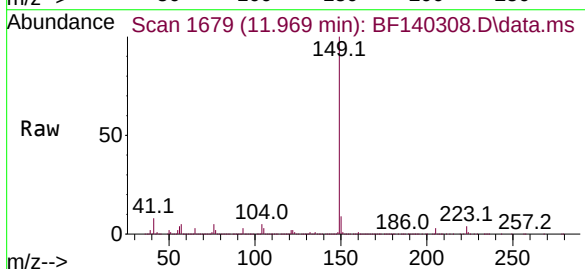
Tgt Ion:149 Resp: 915899

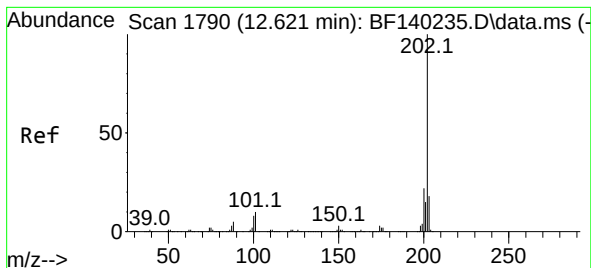
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.0 4.5 6.7





#75

Fluoranthene

Concen: 59.204 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

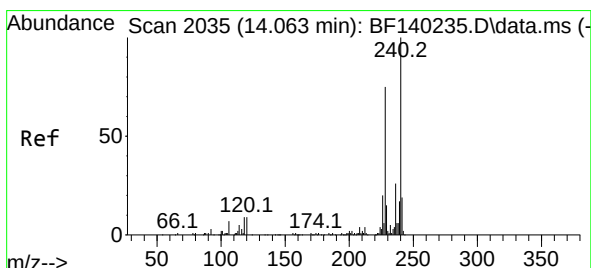
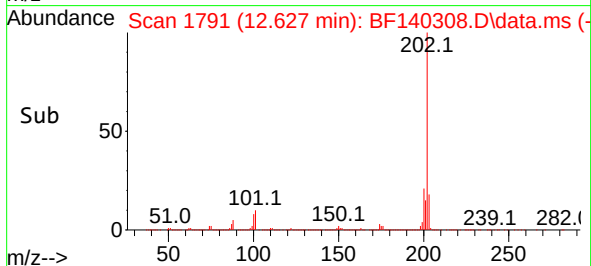
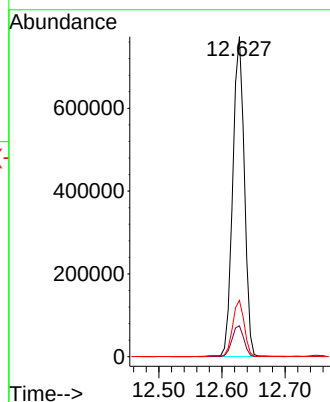
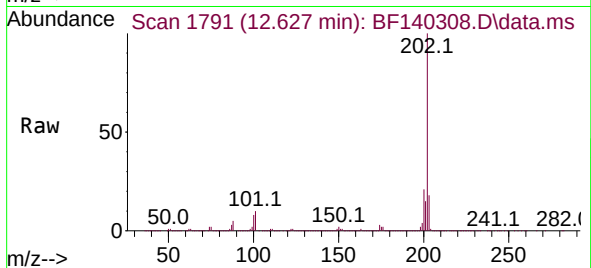
Tgt Ion:202 Resp: 982071

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.4

203 17.6 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: BF140308.D

Acq: 08 Nov 2024 19:22

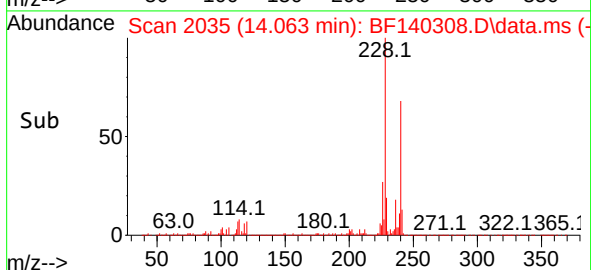
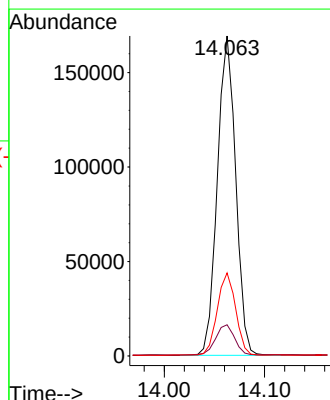
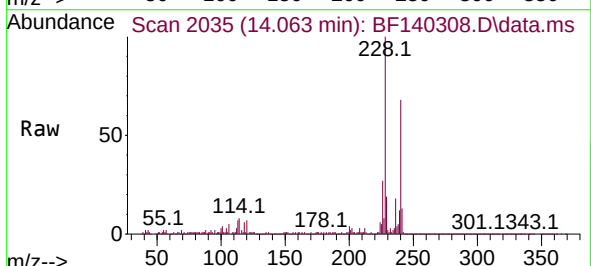
Tgt Ion:240 Resp: 214633

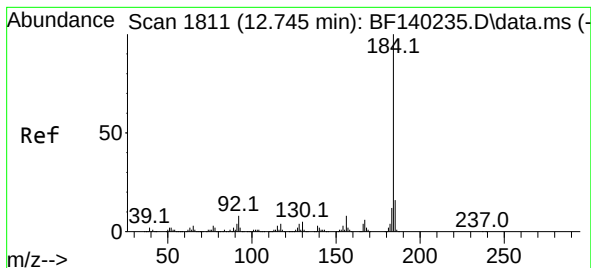
Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

236 25.9 20.9 31.3





#77

Benzidine

Concen: 144.165 ng

RT: 12.751 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

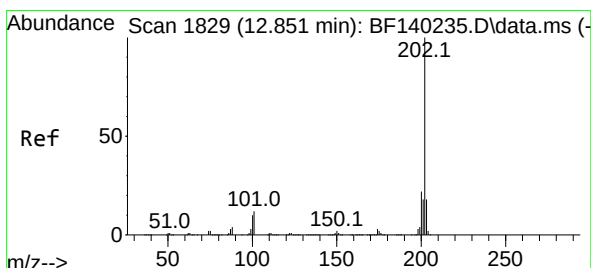
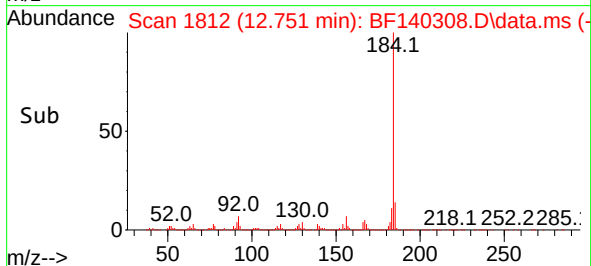
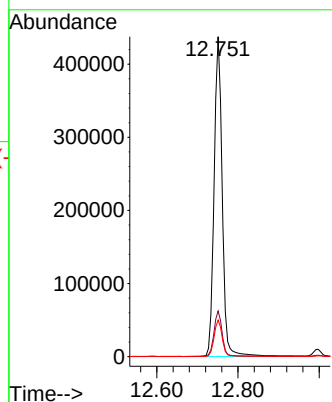
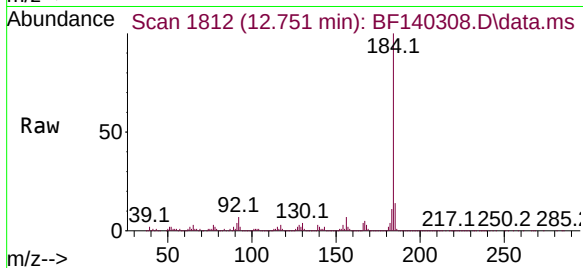
Tgt Ion:184 Resp: 604981

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

183 11.5 9.3 13.9



#78

Pyrene

Concen: 56.582 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

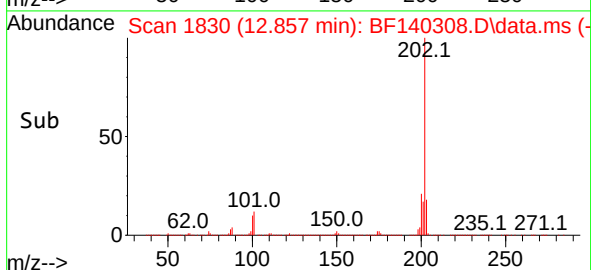
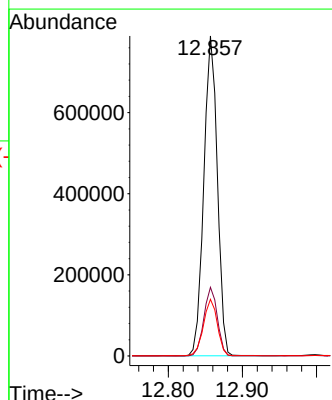
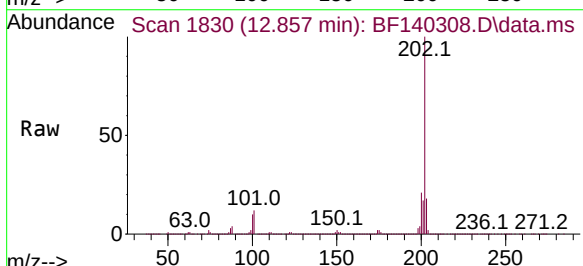
Tgt Ion:202 Resp: 1002732

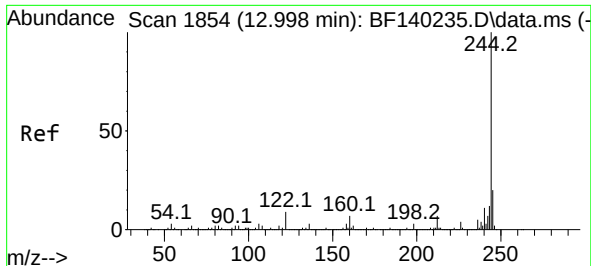
Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

203 17.7 14.4 21.6

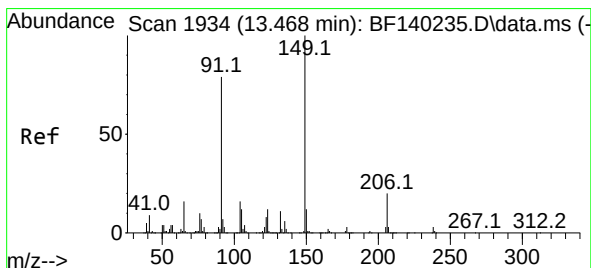
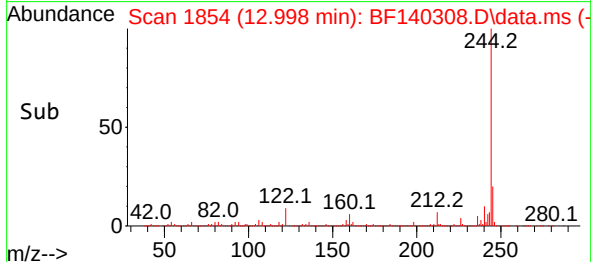
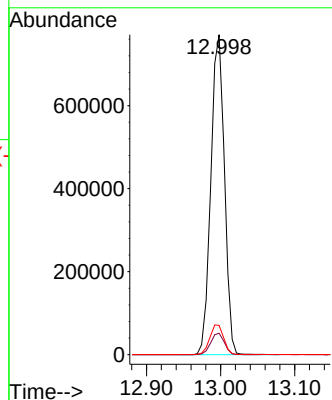
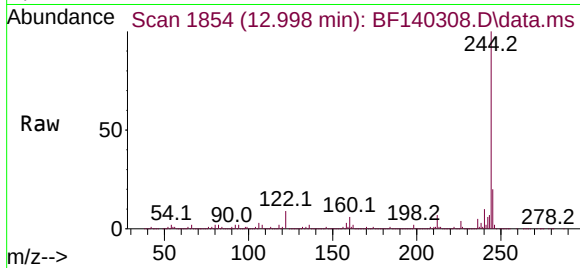




#79
 Terphenyl-d14
 Concen: 74.992 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140308.D
 Acq: 08 Nov 2024 19:22

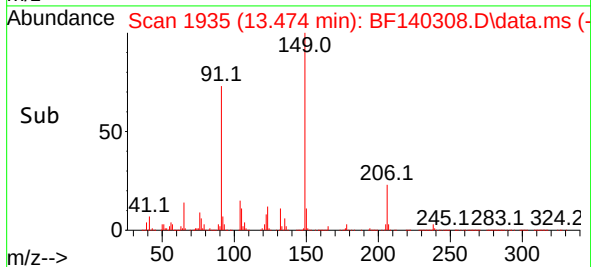
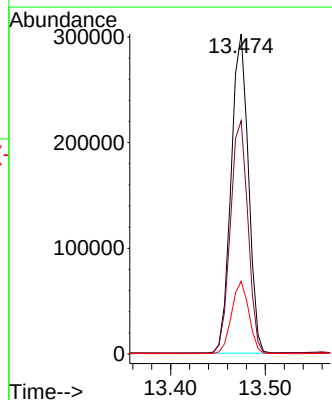
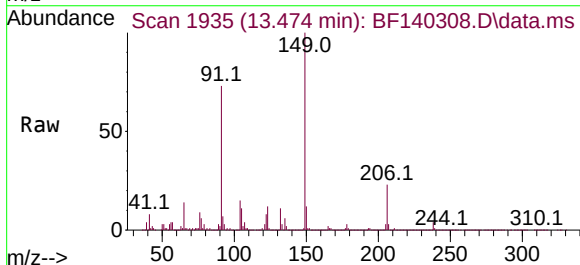
Instrument :
 BNA_F
 ClientSampleId :
 BP-B4MSD

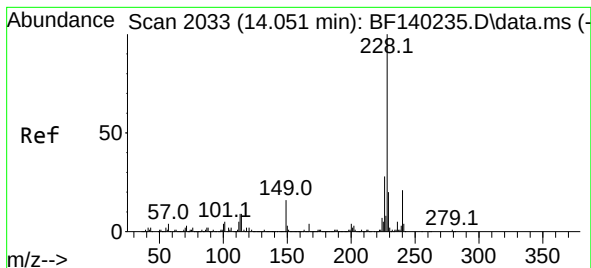
Tgt Ion:244 Resp: 982573
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 9.1 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 59.869 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.006 min
 Lab File: BF140308.D
 Acq: 08 Nov 2024 19:22

Tgt Ion:149 Resp: 382041
 Ion Ratio Lower Upper
 149 100
 91 72.9 63.0 94.4
 206 22.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 56.372 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

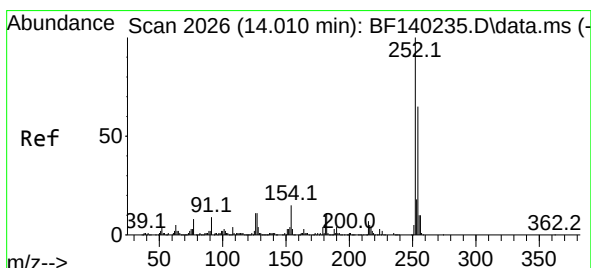
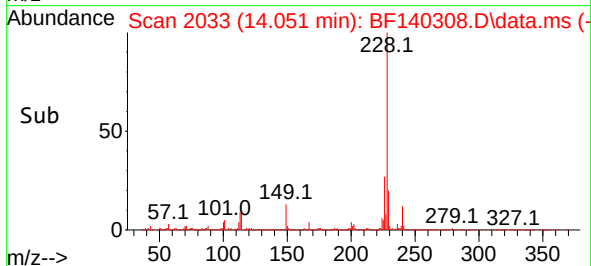
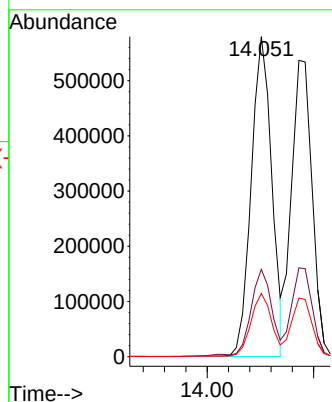
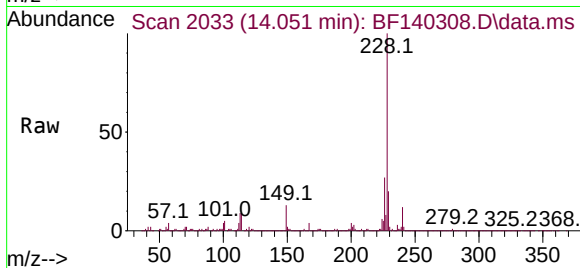
Tgt Ion:228 Resp: 776477

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 63.226 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

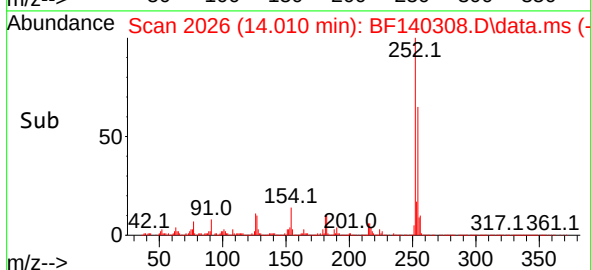
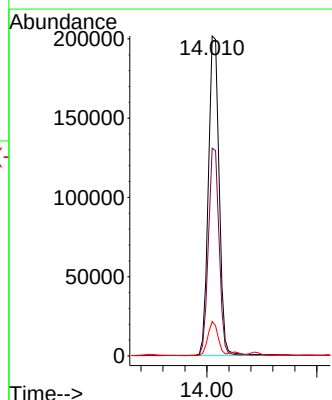
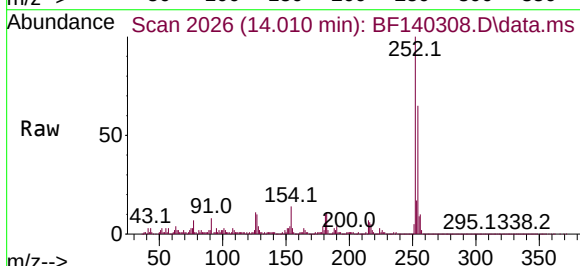
Tgt Ion:252 Resp: 273487

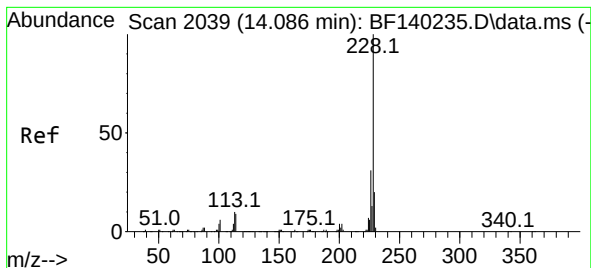
Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

126 10.8 8.6 12.8





#83

Chrysene

Concen: 55.892 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

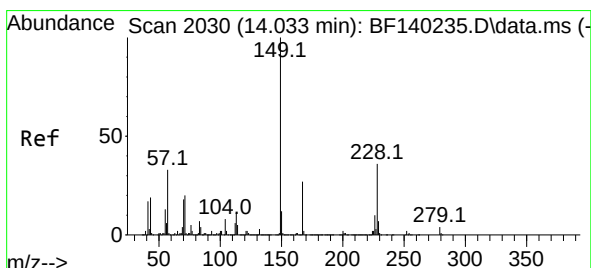
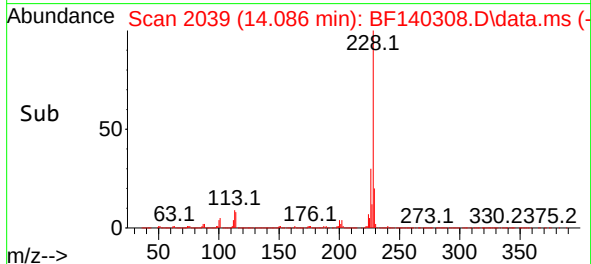
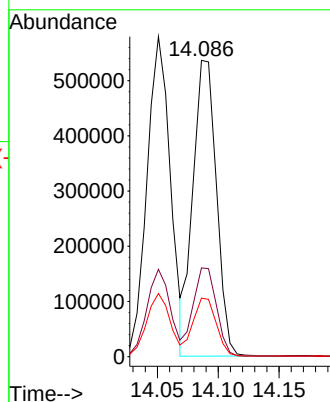
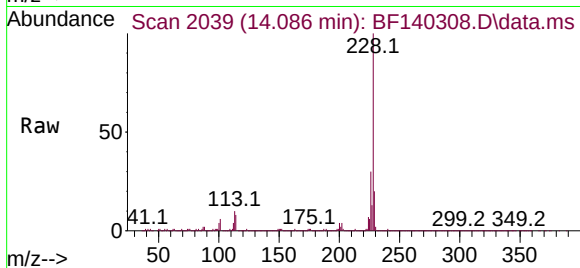
Tgt Ion:228 Resp: 720945

Ion Ratio Lower Upper

228 100

226 30.0 24.6 36.8

229 19.8 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.831 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

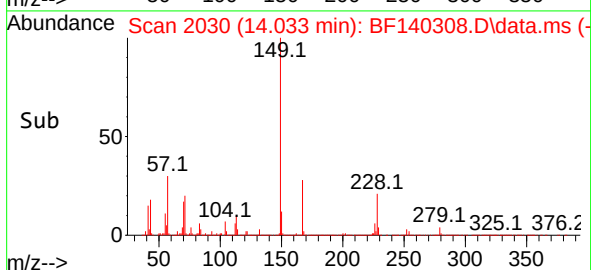
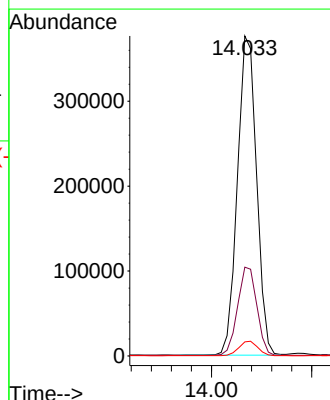
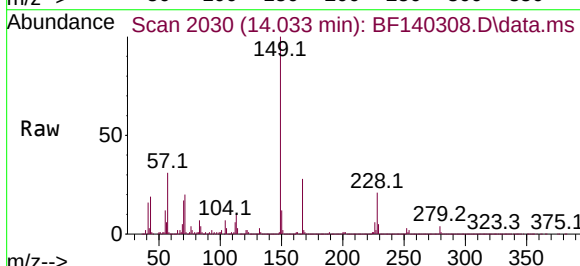
Tgt Ion:149 Resp: 499336

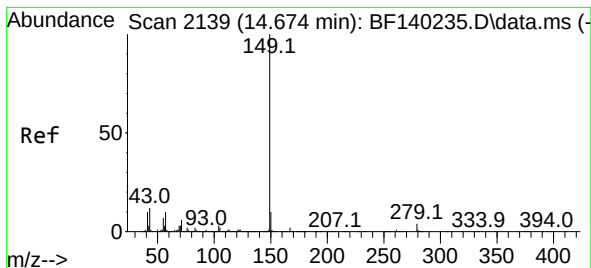
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.623 ng

RT: 14.663 min Scan# 2139

Delta R.T. -0.012 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

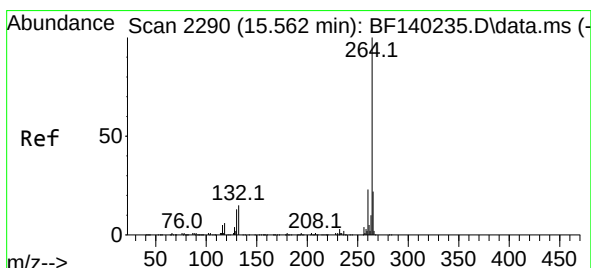
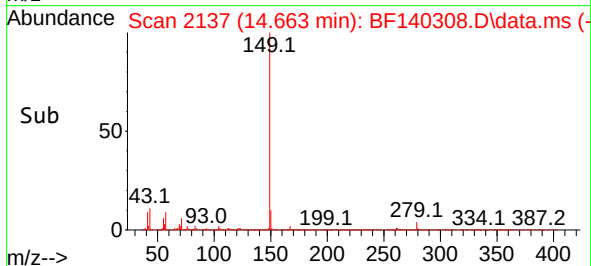
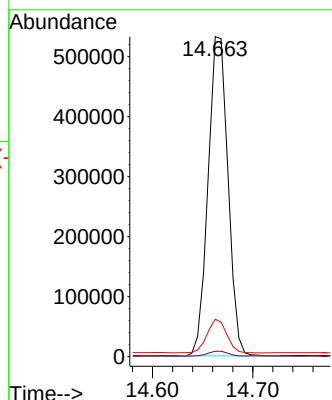
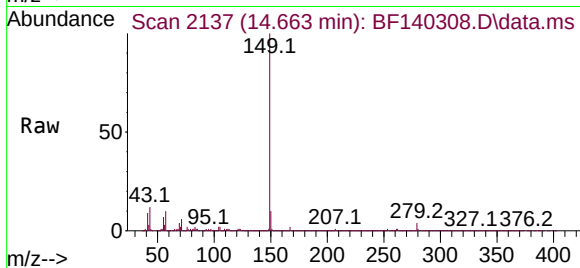
Tgt Ion:149 Resp: 735318

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.3 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: BF140308.D

Acq: 08 Nov 2024 19:22

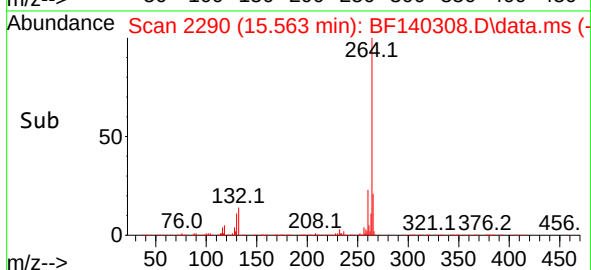
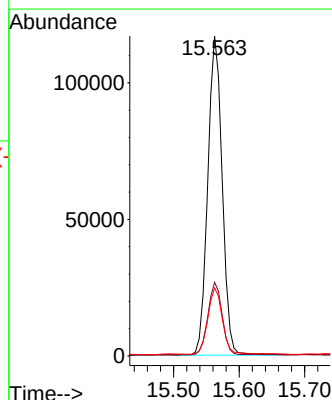
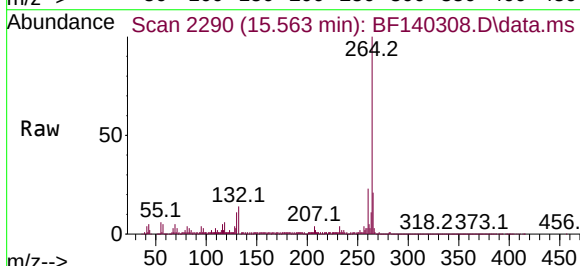
Tgt Ion:264 Resp: 179498

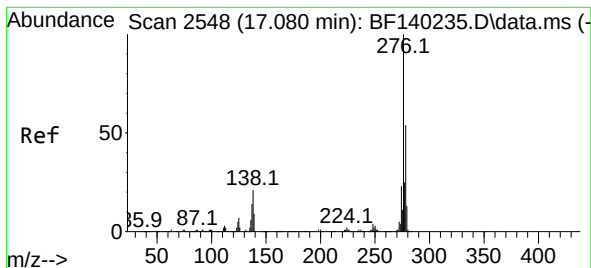
Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.401 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

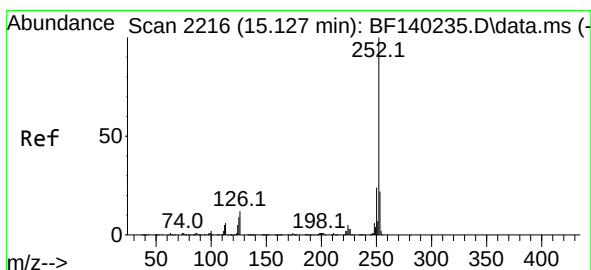
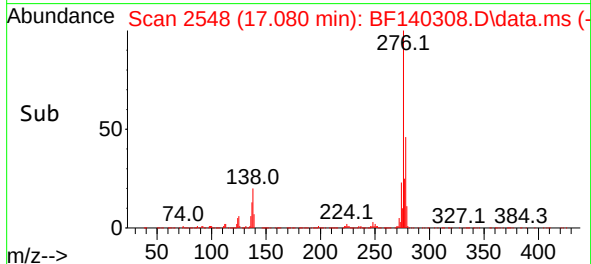
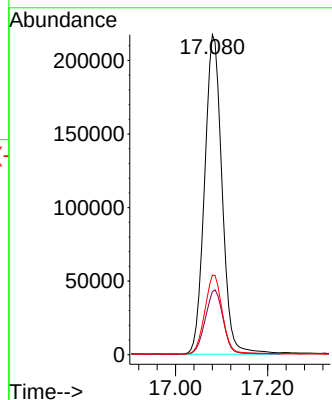
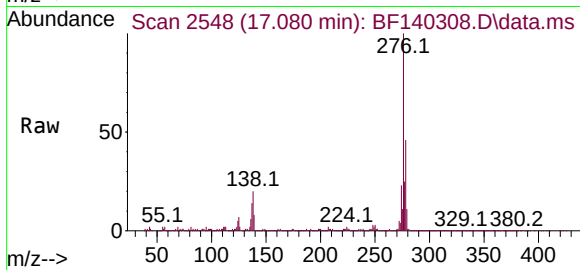
Tgt Ion:276 Resp: 573198

Ion Ratio Lower Upper

276 100

138 20.6 17.6 26.4

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 55.220 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

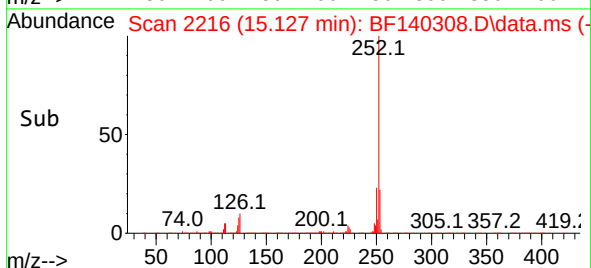
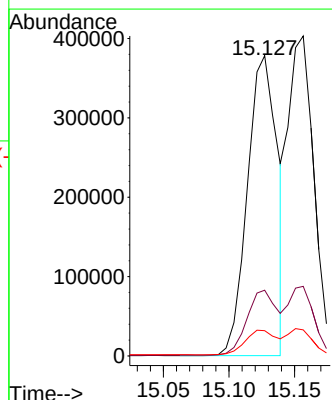
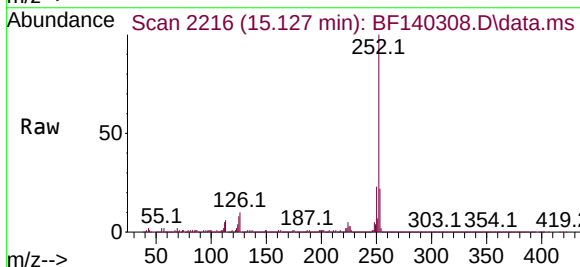
Tgt Ion:252 Resp: 599549

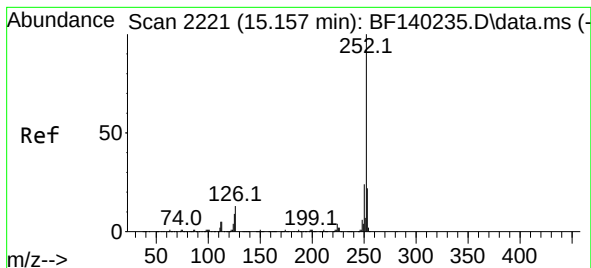
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 8.4 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 54.874 ng

RT: 15.157 min Scan# 2221

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

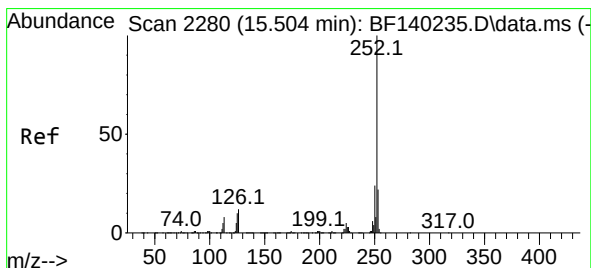
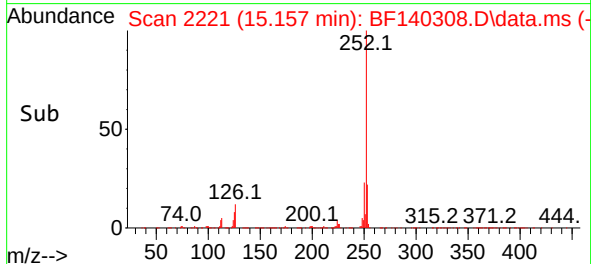
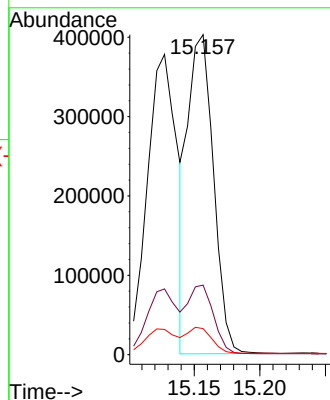
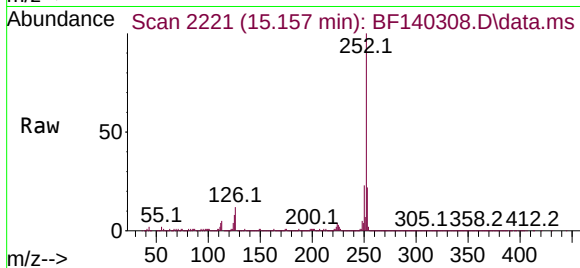
Tgt Ion:252 Resp: 546704

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 58.758 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

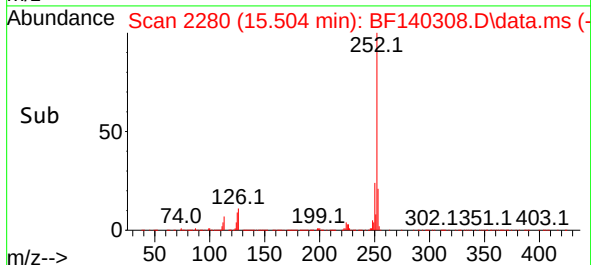
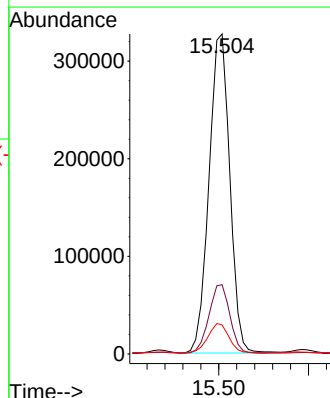
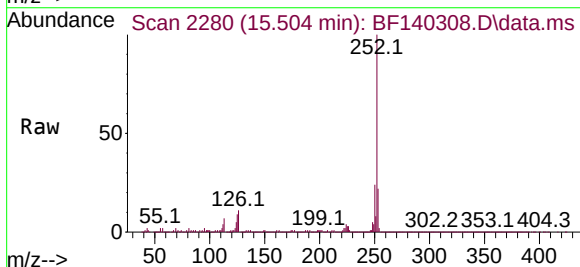
Tgt Ion:252 Resp: 525993

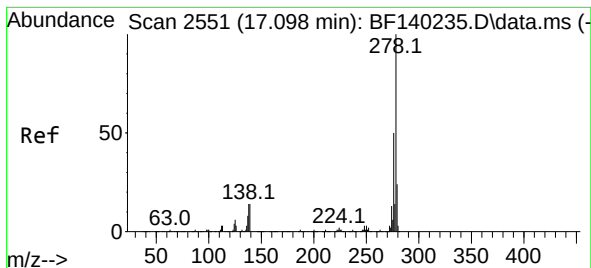
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 9.1 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 53.623 ng

RT: 17.098 min Scan# 2551

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Instrument :

BNA_F

ClientSampleId :

BP-B4MSD

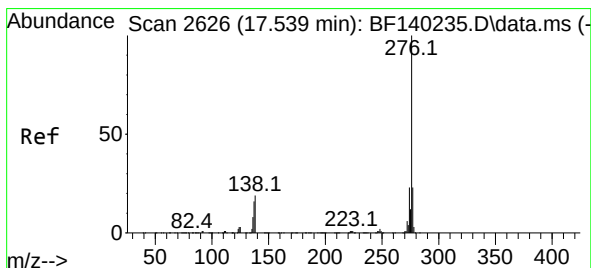
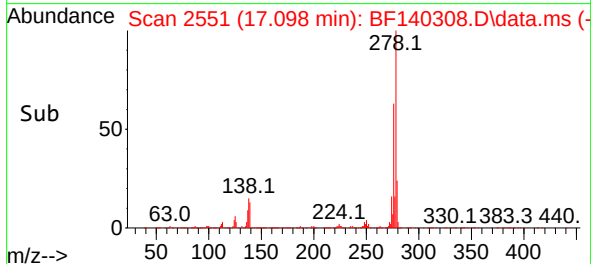
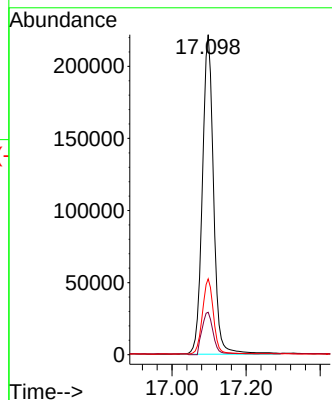
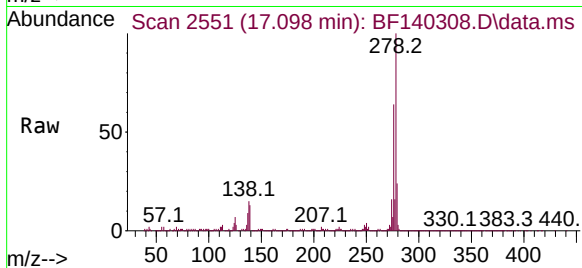
Tgt Ion:278 Resp: 464840

Ion Ratio Lower Upper

278 100

139 13.2 11.1 16.7

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 48.105 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.000 min

Lab File: BF140308.D

Acq: 08 Nov 2024 19:22

Tgt Ion:276 Resp: 425396

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 18.3 15.3 22.9

