

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140301.D
 Acq On : 08 Nov 2024 16:17
 Operator : RC/JU
 Sample : P4737-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2MSD

Quant Time: Nov 08 16:48:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	119710	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	448822	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	245092	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	382682	20.000	ng	0.00
76) Chrysene-d12	14.063	240	271857	20.000	ng	0.00
86) Perylene-d12	15.568	264	209874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	707023	97.877	ng	0.01
7) Phenol-d6	6.504	99	907237	97.644	ng	0.00
23) Nitrobenzene-d5	7.440	82	586573	64.978	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243042	100.323	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1061614	69.165	ng	0.00
79) Terphenyl-d14	12.998	244	987187	59.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	160220	48.244	ng	96
3) Pyridine	3.475	79	404702	49.942	ng	94
4) n-Nitrosodimethylamine	3.434	42	221005	47.239	ng	90
6) Aniline	6.540	93	282537	33.658	ng	99
8) 2-Chlorophenol	6.663	128	415790	55.012	ng	93
9) Benzaldehyde	6.428	77	59185	10.341	ng	94
10) Phenol	6.522	94	525062	53.209	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	390458	52.087	ng	97
12) 1,3-Dichlorobenzene	6.822	146	452119	51.046	ng	97
13) 1,4-Dichlorobenzene	6.898	146	456247	51.075	ng	99
14) 1,2-Dichlorobenzene	7.045	146	437197	52.402	ng	97
15) Benzyl Alcohol	7.016	79	382038	53.338	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	596260	49.140	ng	98
17) 2-Methylphenol	7.128	107	336623	53.390	ng	98
18) Hexachloroethane	7.392	117	158006	47.486	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	295664	49.881	ng	96
20) 3+4-Methylphenols	7.281	107	417440	52.717	ng	96
22) Acetophenone	7.287	105	562225	50.524	ng	94
24) Nitrobenzene	7.457	77	458829	48.439	ng	97
25) Isophorone	7.698	82	790520	50.858	ng	98
26) 2-Nitrophenol	7.775	139	213989	56.792	ng	96
27) 2,4-Dimethylphenol	7.810	122	331546	64.678	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	478264	51.416	ng	100
29) 2,4-Dichlorophenol	8.016	162	346357	54.617	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	373131	49.102	ng	98
31) Naphthalene	8.181	128	1177194	50.793	ng	100
32) Benzoic acid	7.922	122	215983	51.341	ng	93
33) 4-Chloroaniline	8.228	127	134686	17.652	ng	96
34) Hexachlorobutadiene	8.298	225	250291	48.661	ng	100
35) Caprolactam	8.598	113	100532	52.113	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	369630	52.351	ng	96
37) 2-Methylnaphthalene	8.869	142	788546	52.132	ng	99
38) 1-Methylnaphthalene	8.969	142	724494	48.867	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	388187	54.102	ng	98
41) Hexachlorocyclopentadiene	9.022	237	140584	69.923	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	258151	58.060	ng	99

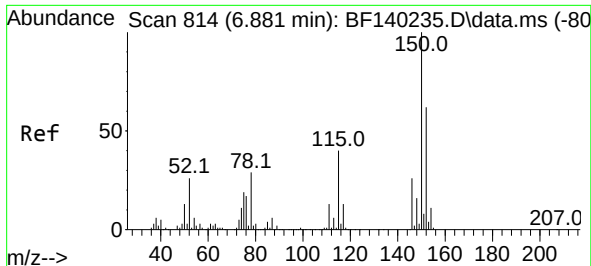
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	251975	53.898	ng	96
46) 1,1'-Biphenyl	9.339	154	942328	53.192	ng	100
47) 2-Chloronaphthalene	9.363	162	698040	52.352	ng	99
48) 2-Nitroaniline	9.457	65	239264	53.657	ng	94
49) Acenaphthylene	9.781	152	1079221	57.170	ng	99
50) Dimethylphthalate	9.639	163	839973	55.648	ng	100
51) 2,6-Dinitrotoluene	9.704	165	186666	52.611	ng	92
52) Acenaphthene	9.951	154	721934	53.918	ng	98
53) 3-Nitroaniline	9.869	138	102769	30.761	ng	96
54) 2,4-Dinitrophenol	9.981	184	87575	52.571	ng	# 85
55) Dibenzofuran	10.128	168	1000456	53.434	ng	97
56) 4-Nitrophenol	10.034	139	269861	114.880	ng	93
57) 2,4-Dinitrotoluene	10.110	165	243593	52.907	ng	92
58) Fluorene	10.469	166	755037	50.660	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	211093	55.118	ng	95
60) Diethylphthalate	10.339	149	806545	53.771	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	390395	51.974	ng	97
62) 4-Nitroaniline	10.486	138	147319	44.373	ng	93
63) Azobenzene	10.622	77	843817	54.268	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	73274	36.457	ng	92
66) n-Nitrosodiphenylamine	10.581	169	661174	60.071	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	237645	57.669	ng	97
68) Hexachlorobenzene	11.022	284	254423	54.165	ng	93
69) Atrazine	11.104	200	219876	73.017	ng	98
70) Pentachlorophenol	11.216	266	280367	111.156	ng	98
71) Phenanthrene	11.433	178	993889	54.421	ng	99
72) Anthracene	11.486	178	1011935	56.507	ng	99
73) Carbazole	11.639	167	881409	53.866	ng	99
74) Di-n-butylphthalate	11.969	149	1046068	54.007	ng	99
75) Fluoranthene	12.627	202	1021638	53.499	ng	99
77) Benzidine	12.745	184	432175	81.308	ng	99
78) Pyrene	12.857	202	1053558	46.936	ng	99
80) Butylbenzylphthalate	13.474	149	409683	50.687	ng	93
81) Benzo(a)anthracene	14.051	228	953468	54.651	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	290667	53.053	ng	99
83) Chrysene	14.092	228	894365	54.742	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	544158	48.036	ng	99
85) Di-n-octyl phthalate	14.668	149	893074	52.378	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	620206	50.343	ng	98
88) Benzo(b)fluoranthene	15.127	252	784745	61.816	ng	100
89) Benzo(k)fluoranthene	15.157	252	622046	53.400	ng	100
90) Benzo(a)pyrene	15.504	252	619573	59.195	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	507411	50.062	ng	100
92) Benzo(g,h,i)perylene	17.539	276	462817	44.762	ng	99

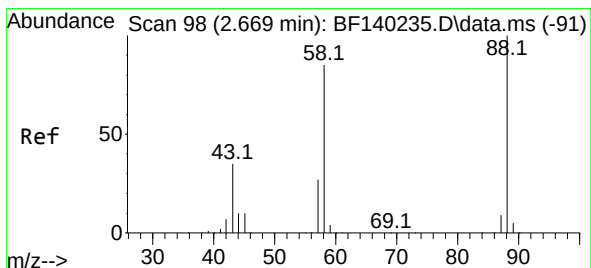
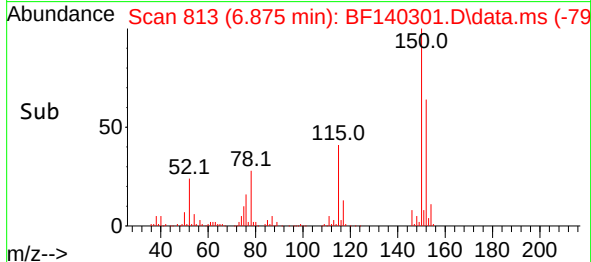
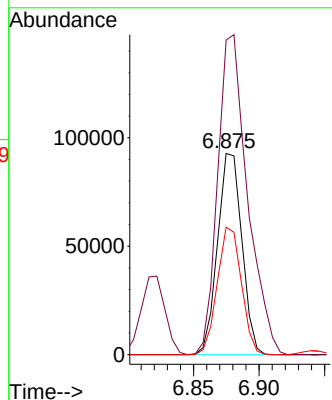
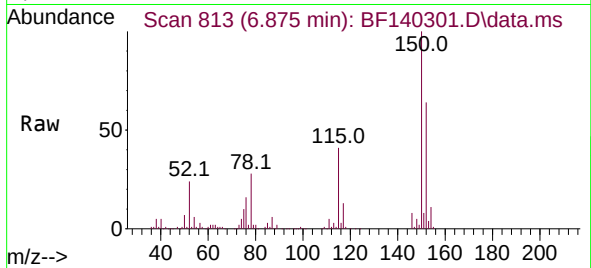
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF140301.D
 Acq: 08 Nov 2024 16:17

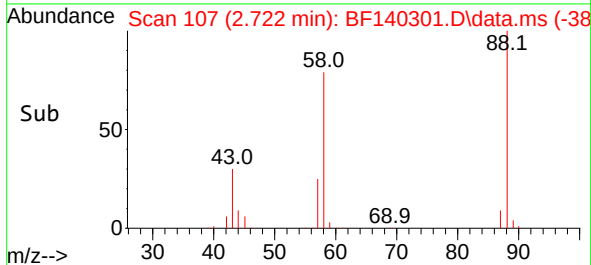
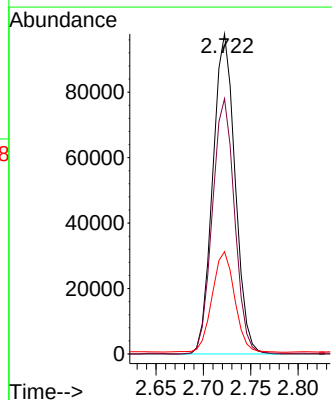
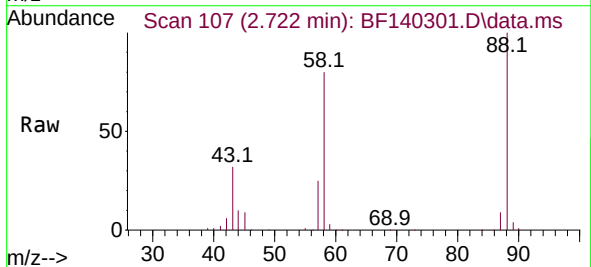
Instrument :
 BNA_F
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 TP2MSD

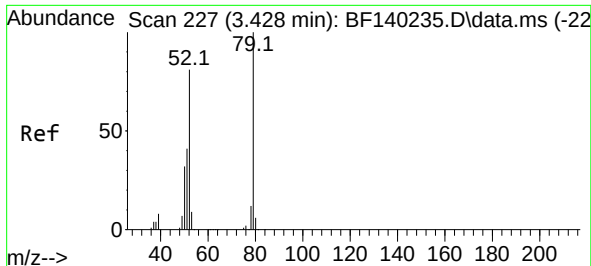
Tgt Ion:152 Resp: 119710
 Ion Ratio Lower Upper
 152 100
 150 156.3 129.4 194.2
 115 63.3 51.5 77.3



#2
 1,4-Dioxane
 Concen: 48.244 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.053 min
 Lab File: BF140301.D
 Acq: 08 Nov 2024 16:17

Tgt Ion: 88 Resp: 160220
 Ion Ratio Lower Upper
 88 100
 58 79.7 66.7 100.1
 43 31.8 27.8 41.8





#3

Pyridine

Concen: 49.942 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

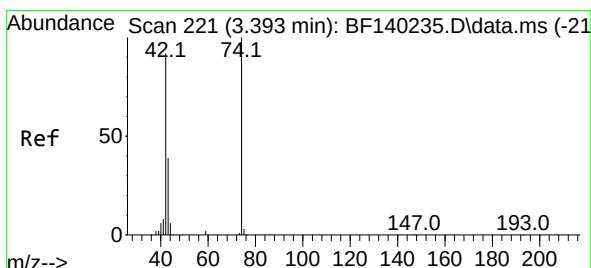
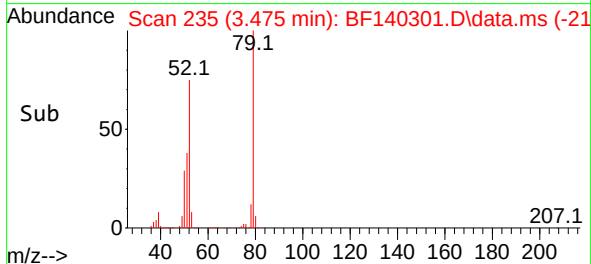
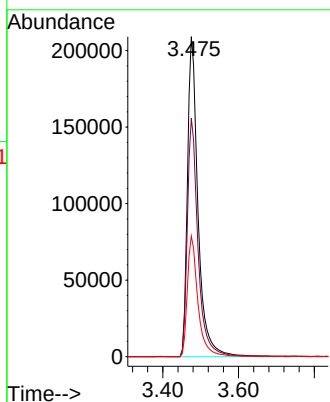
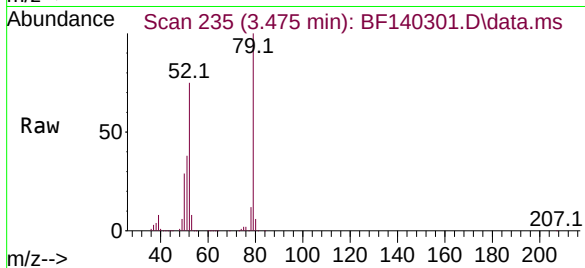
Tgt Ion: 79 Resp: 404702

Ion Ratio Lower Upper

79 100

52 74.6 64.6 97.0

51 37.7 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 47.239 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.041 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

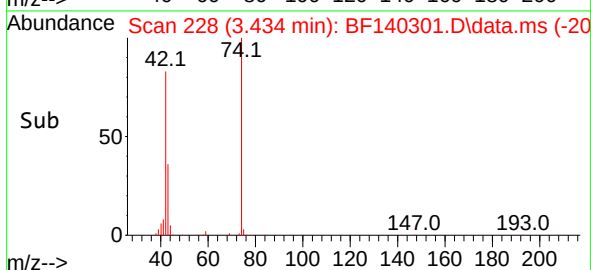
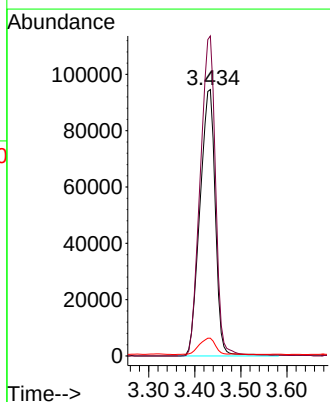
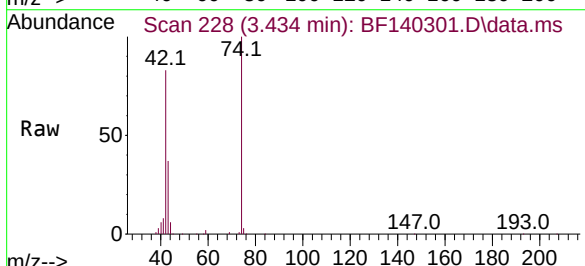
Tgt Ion: 42 Resp: 221005

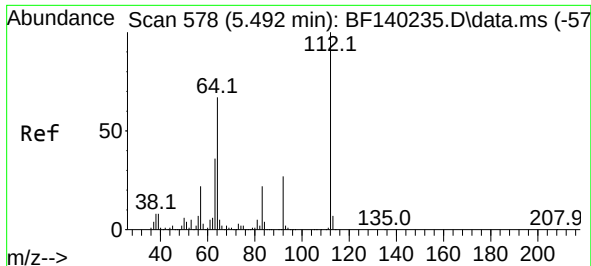
Ion Ratio Lower Upper

42 100

74 120.1 86.9 130.3

44 6.7 5.0 7.6

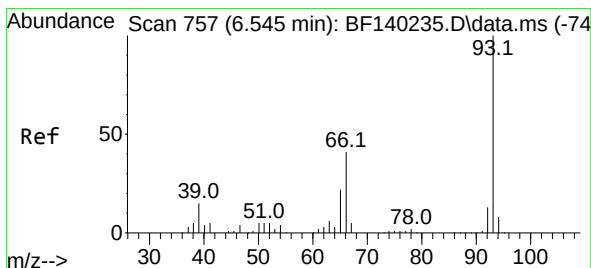
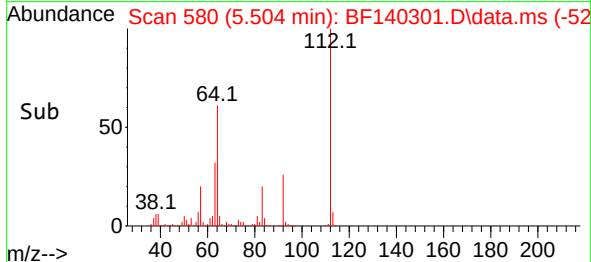
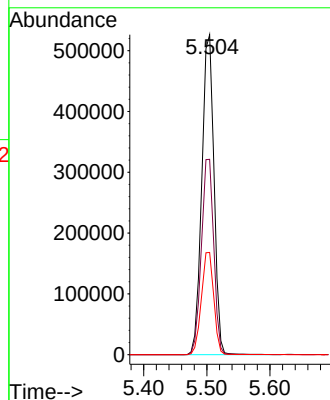
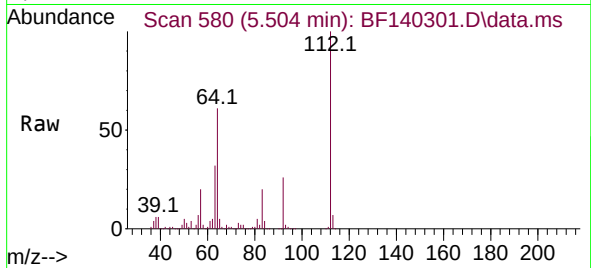




#5
2-Fluorophenol
Concen: 97.877 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

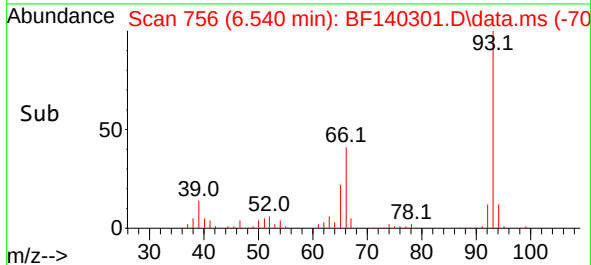
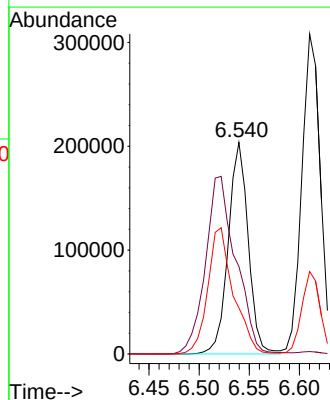
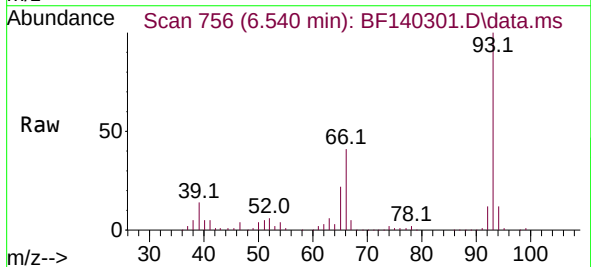
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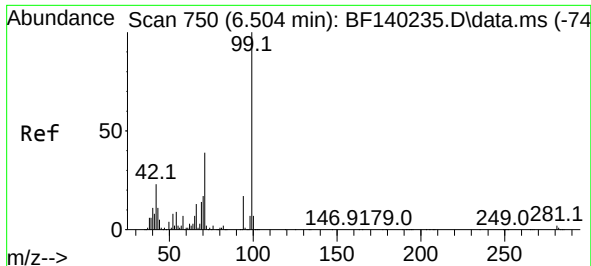
Tgt Ion:112 Resp: 707023
Ion Ratio Lower Upper
112 100
64 61.1 53.4 80.2
63 32.0 28.9 43.3



#6
Aniline
Concen: 33.658 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 93 Resp: 282537
Ion Ratio Lower Upper
93 100
66 41.4 33.6 50.4
65 21.8 17.5 26.3

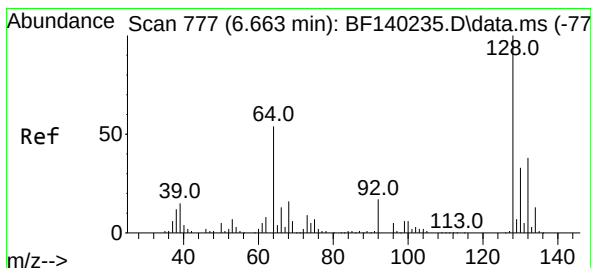
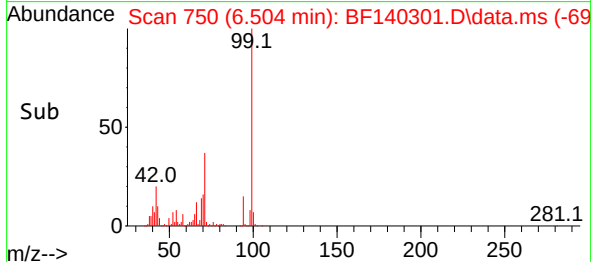
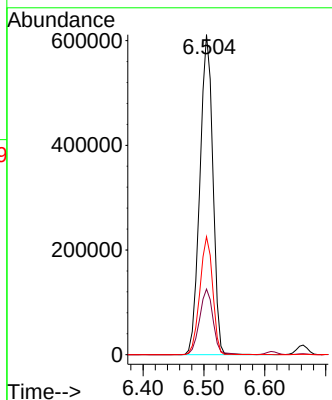
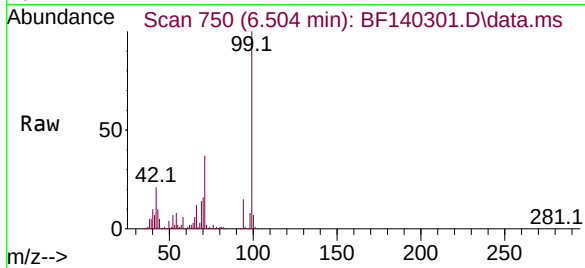




#7
Phenol-d6
Concen: 97.644 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

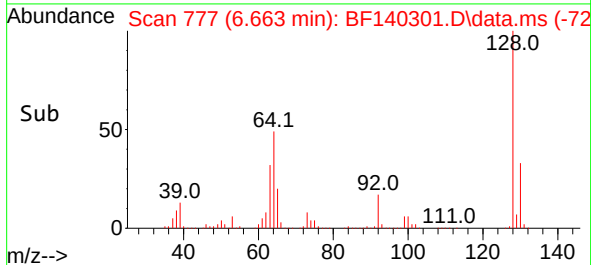
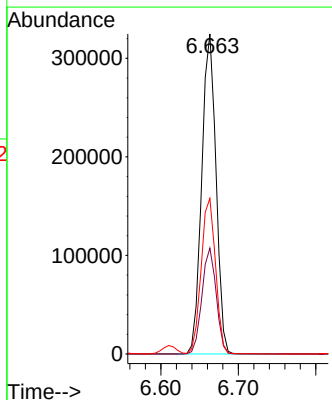
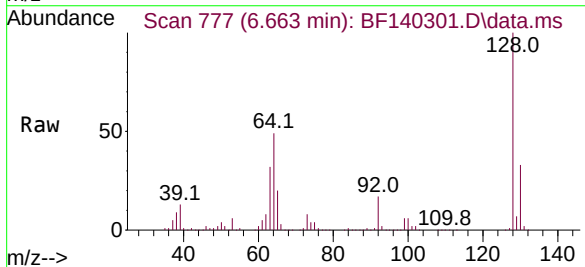
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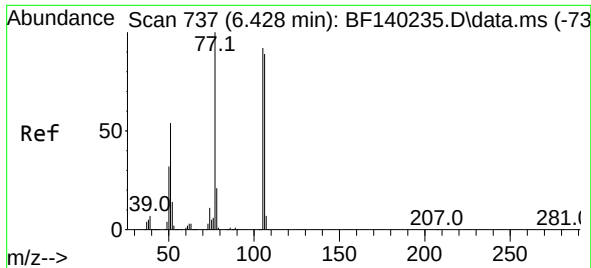
Tgt Ion: 99 Resp: 907237
Ion Ratio Lower Upper
99 100
42 20.5 18.2 27.2
71 36.8 30.9 46.3



#8
2-Chlorophenol
Concen: 55.012 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 128 Resp: 415790
Ion Ratio Lower Upper
128 100
130 33.1 12.9 52.9
64 48.6 36.3 76.3

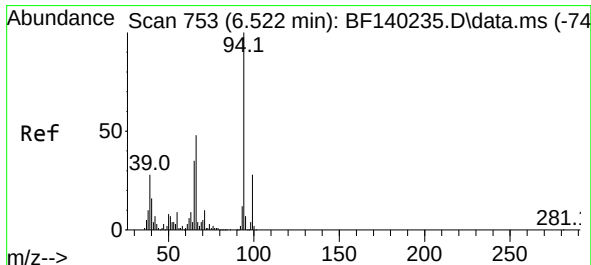
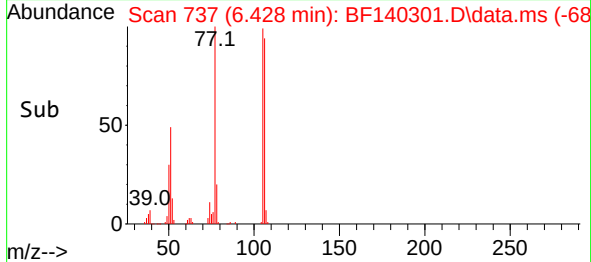
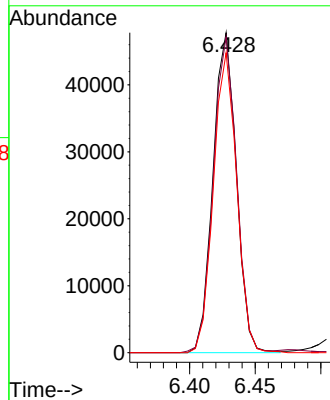
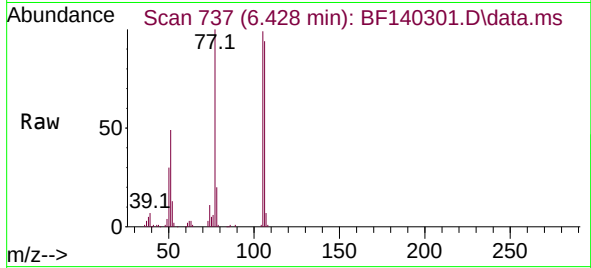




#9
Benzaldehyde
Concen: 10.341 ng
RT: 6.428 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

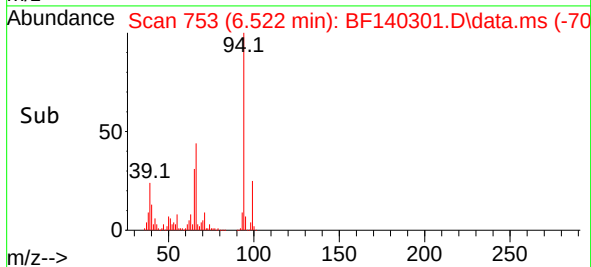
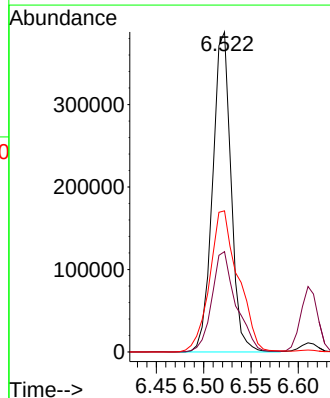
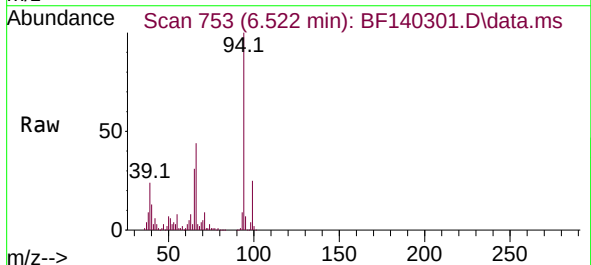
Instrument :
BNA_F
ClientSampleId :
TP2MSD

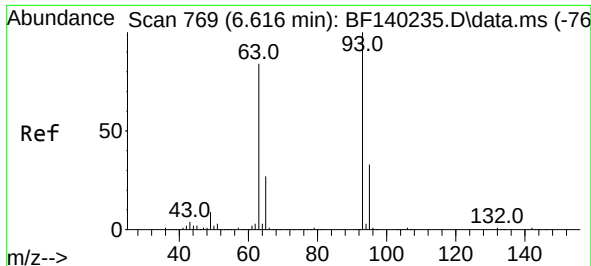
Tgt Ion: 77 Resp: 59185
Ion Ratio Lower Upper
77 100
105 98.7 72.1 112.1
106 93.7 68.8 108.8



#10
Phenol
Concen: 53.209 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 94 Resp: 525062
Ion Ratio Lower Upper
94 100
65 31.3 15.1 55.1
66 44.1 28.8 68.8

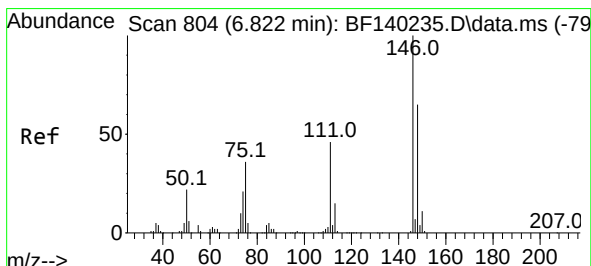
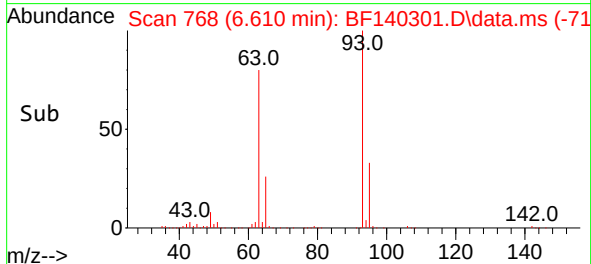
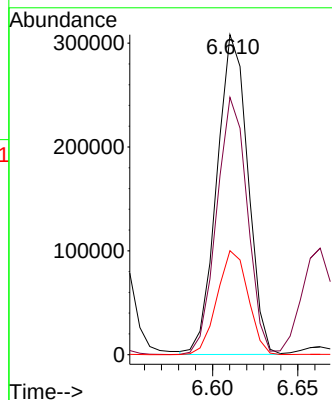
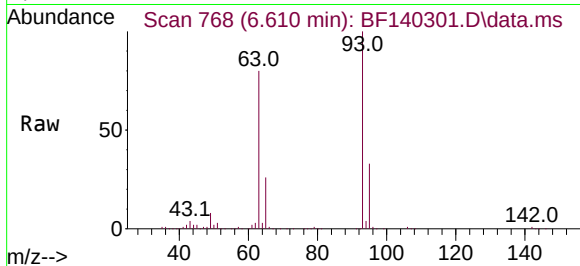




#11
bis(2-Chloroethyl)ether
Concen: 52.087 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

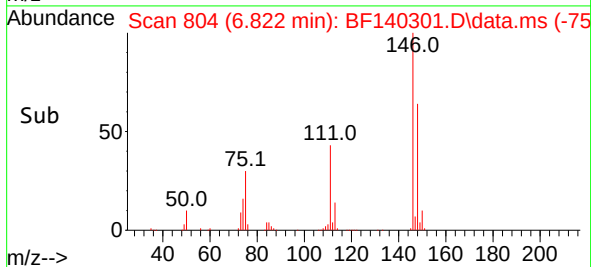
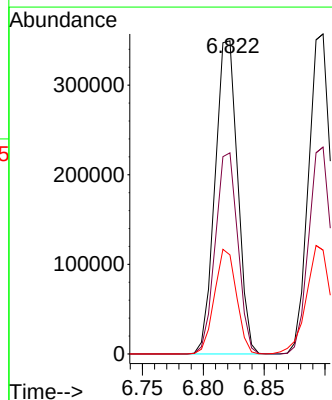
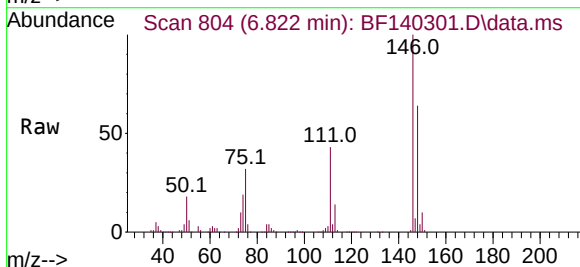
Instrument :
BNA_F
ClientSampleId :
TP2MSD

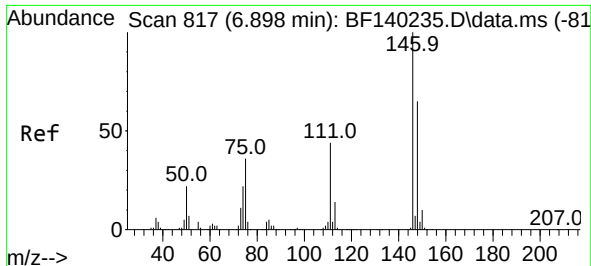
Tgt Ion: 93 Resp: 390458
Ion Ratio Lower Upper
93 100
63 80.4 63.6 103.6
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 51.046 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 146 Resp: 452119
Ion Ratio Lower Upper
146 100
148 64.3 51.7 77.5
75 31.6 28.4 42.6

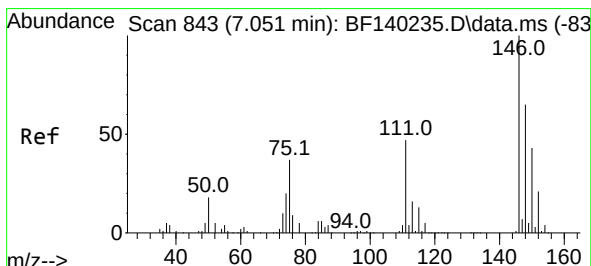
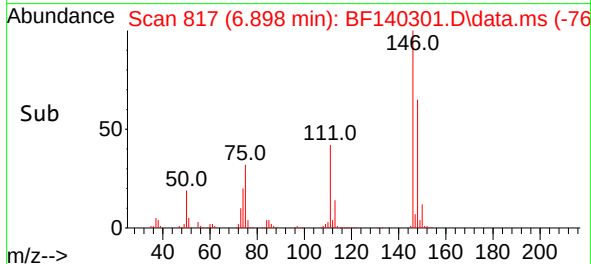
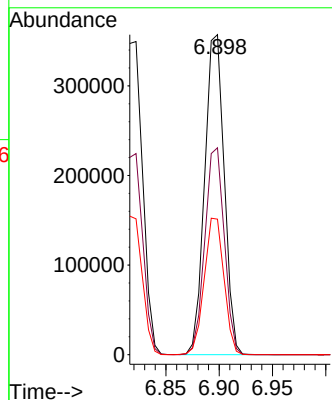
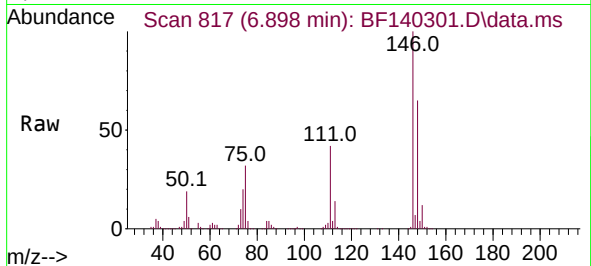




#13
1,4-Dichlorobenzene
Concen: 51.075 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

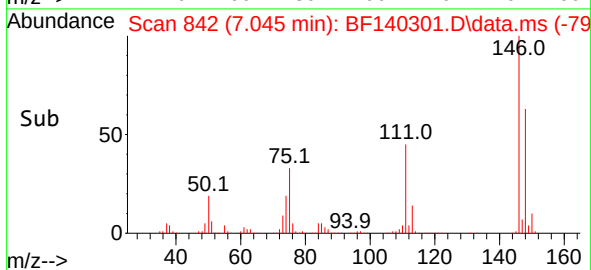
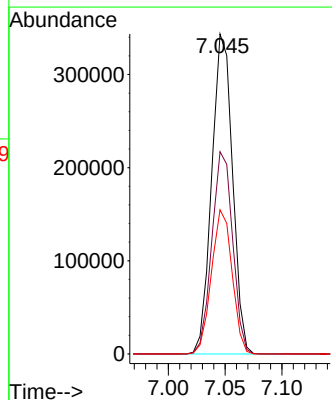
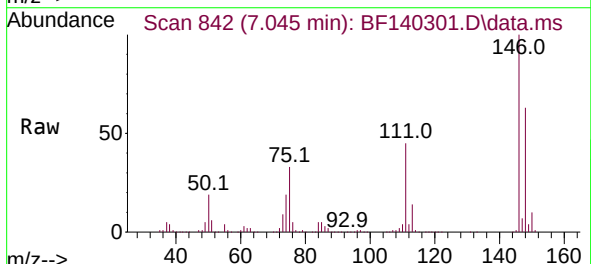
Instrument :
BNA_F
ClientSampleId :
TP2MSD

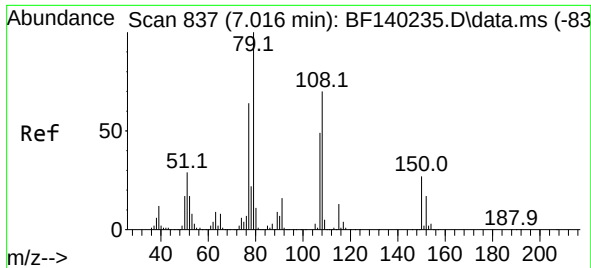
Tgt Ion:146 Resp: 456247
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
111 42.3 35.4 53.2



#14
1,2-Dichlorobenzene
Concen: 52.402 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:146 Resp: 437197
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
111 45.1 37.9 56.9

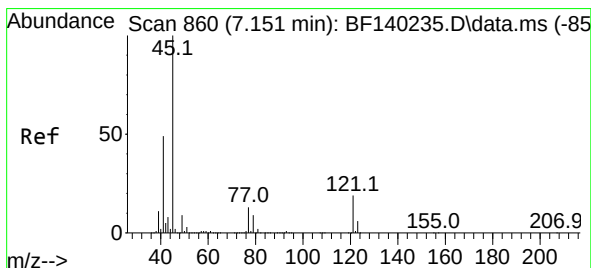
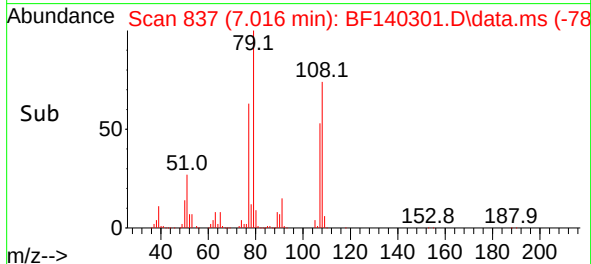
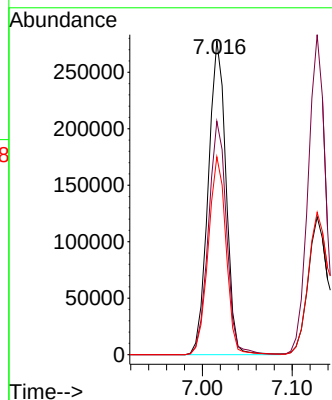
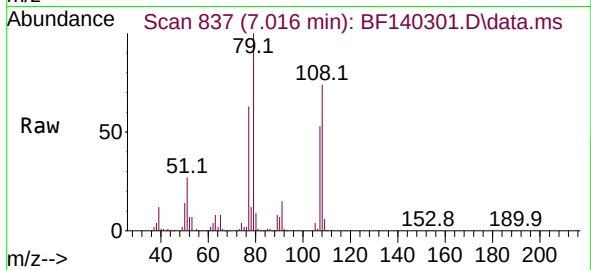




#15
Benzyl Alcohol
Concen: 53.338 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

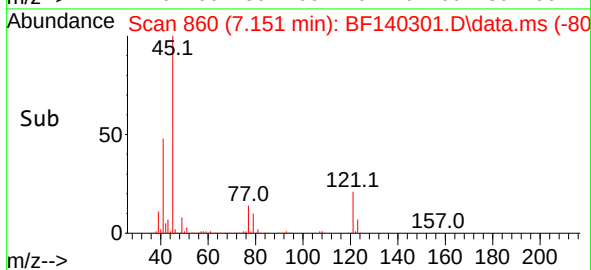
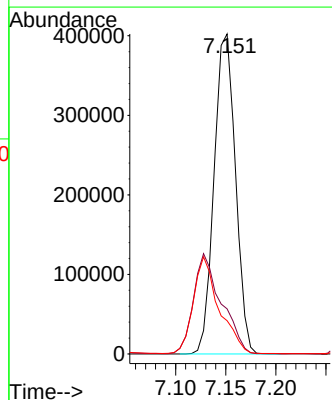
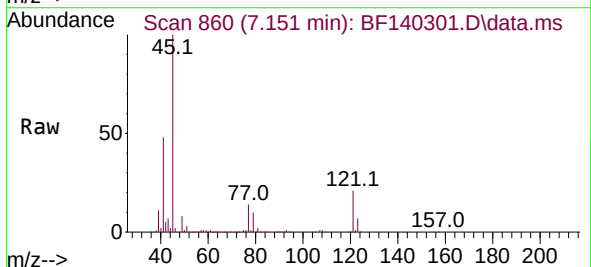
Instrument :
BNA_F
ClientSampleId :
TP2MSD

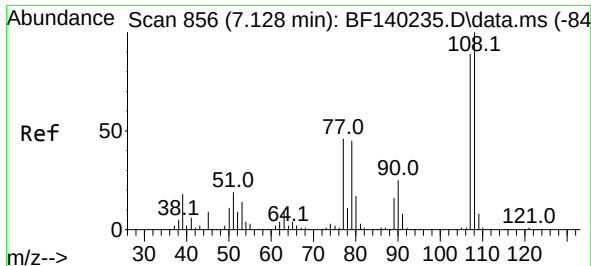
Tgt Ion: 79 Resp: 382038
Ion Ratio Lower Upper
79 100
108 74.3 55.8 83.6
77 63.1 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.140 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 45 Resp: 596260
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.3
79 10.4 0.0 29.9

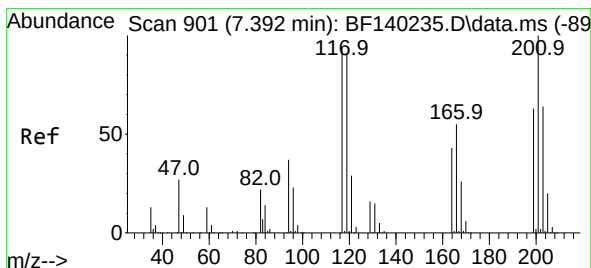
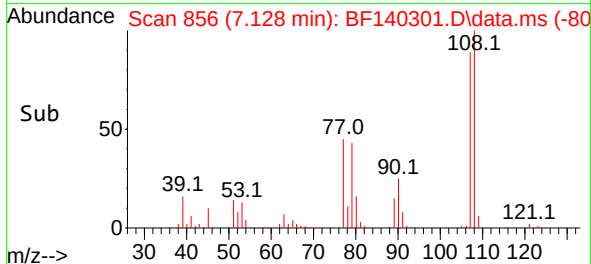
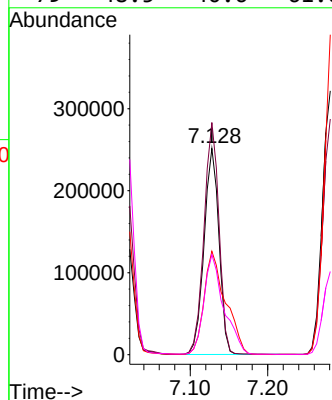
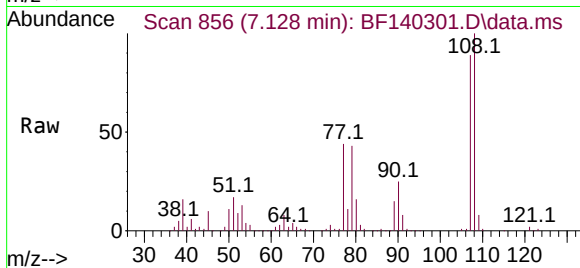




#17
2-Methylphenol
Concen: 53.390 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

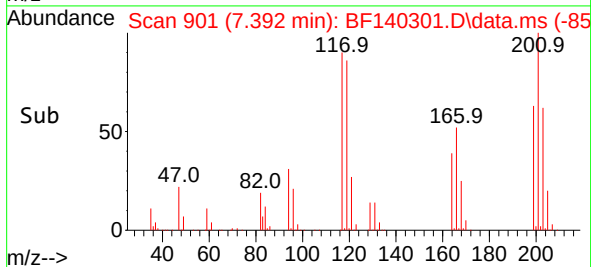
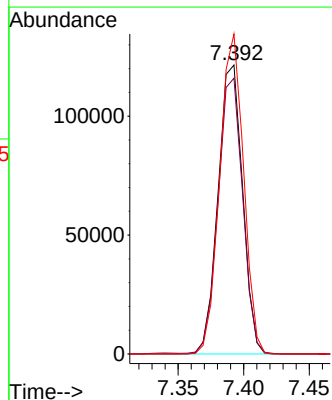
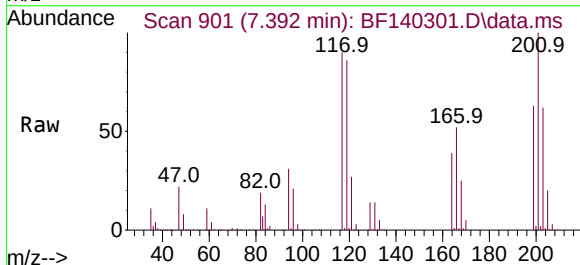
Instrument :
BNA_F
ClientSampleId :
TP2MSD

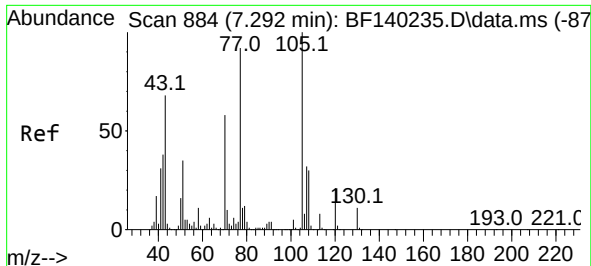
Tgt Ion:107 Resp: 336623
Ion Ratio Lower Upper
107 100
108 112.6 90.5 135.7
77 50.1 41.8 62.6
79 48.5 40.6 61.0



#18
Hexachloroethane
Concen: 47.486 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:117 Resp: 158006
Ion Ratio Lower Upper
117 100
119 95.5 77.3 115.9
201 110.8 85.1 127.7

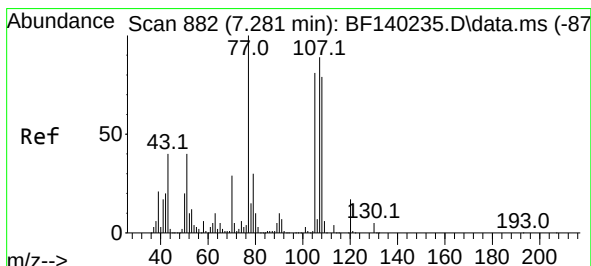
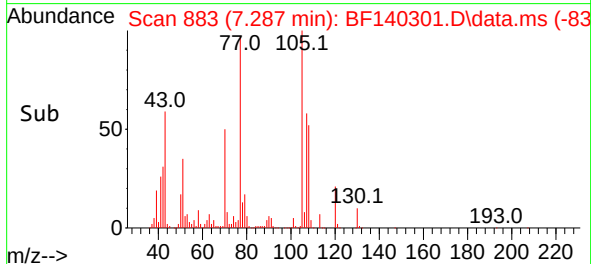
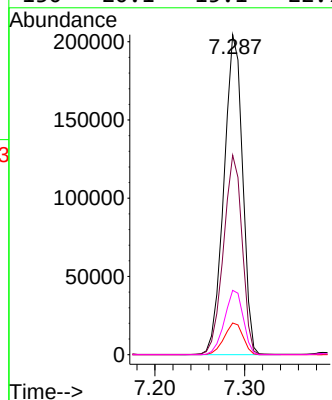
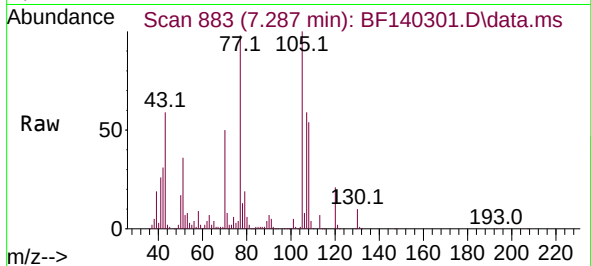




#19
n-Nitroso-di-n-propylamine
Concen: 49.881 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

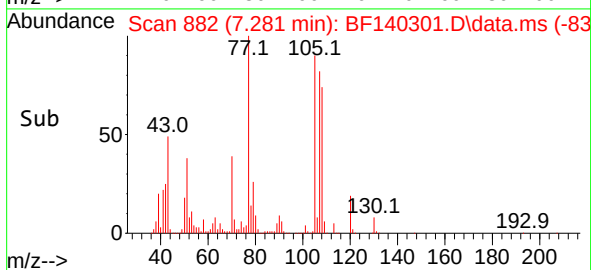
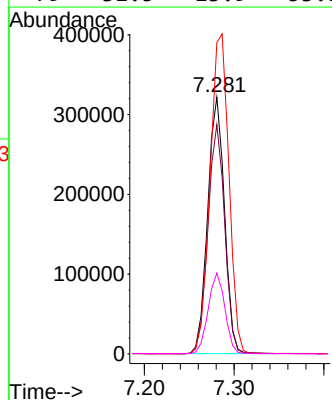
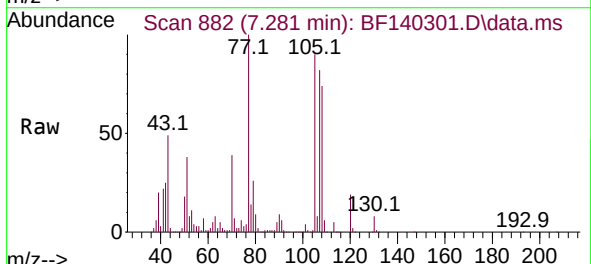
Instrument :
BNA_F
ClientSampleId :
TP2MSD

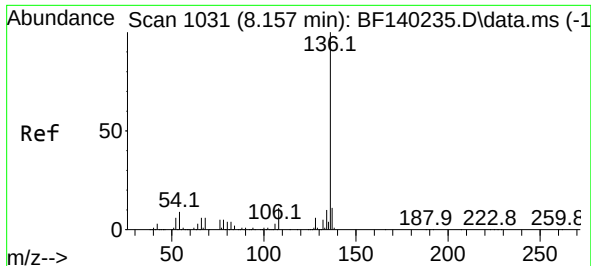
Tgt Ion: 70 Resp: 295664
Ion Ratio Lower Upper
70 100
42 62.4 52.8 79.2
101 9.9 7.4 11.2
130 20.1 15.1 22.7



#20
3+4-Methylphenols
Concen: 52.717 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 107 Resp: 417440
Ion Ratio Lower Upper
107 100
108 89.3 69.4 109.4
77 121.3 92.7 132.7
79 31.5 13.9 53.9



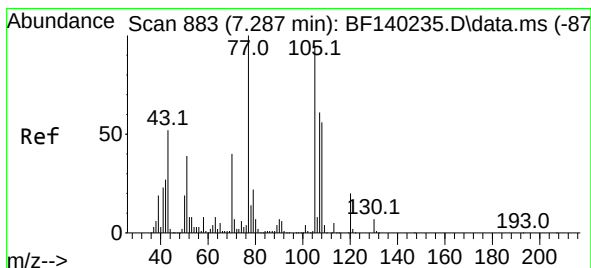
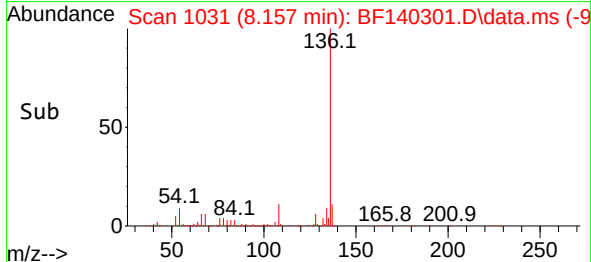
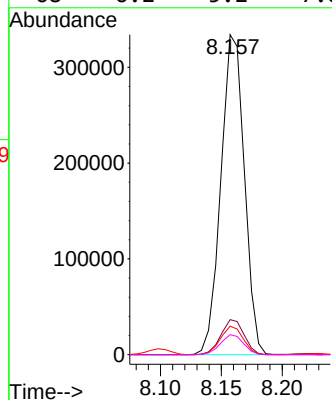
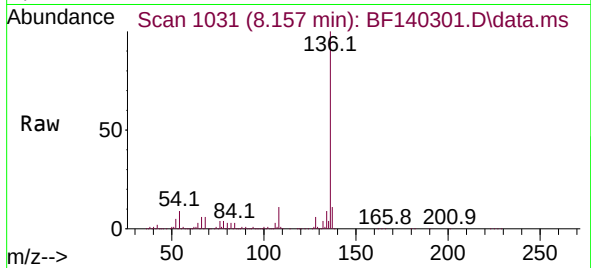


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Instrument :
BNA_F
ClientSampleId :
TP2MSD

Tgt Ion:136 Resp: 448822

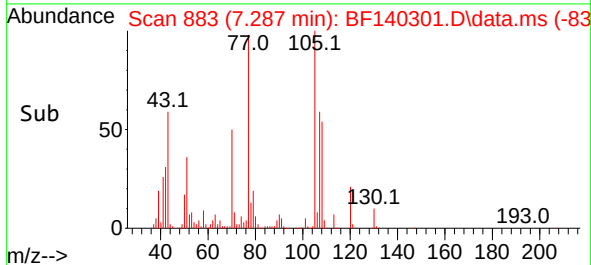
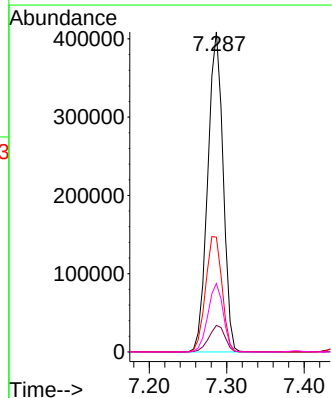
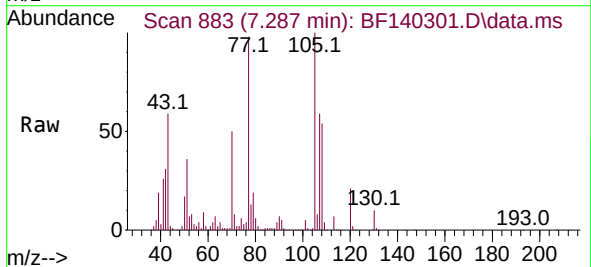
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.9	7.7	11.5
68	6.2	5.2	7.8

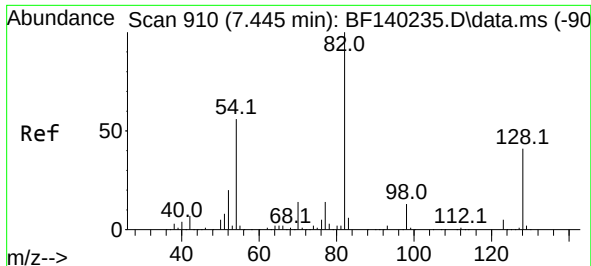


#22
Acetophenone
Concen: 50.524 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:105 Resp: 562225

Ion	Ratio	Lower	Upper
105	100		
71	8.3	5.6	8.4
51	35.9	33.2	49.8
120	21.4	16.8	25.2





#23

Nitrobenzene-d5

Concen: 64.978 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

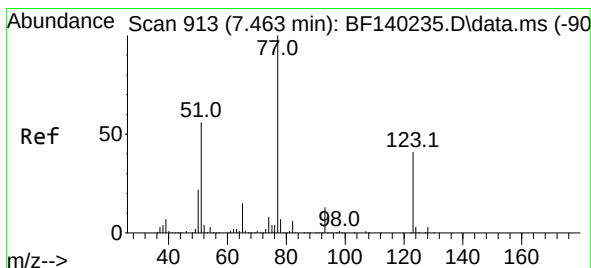
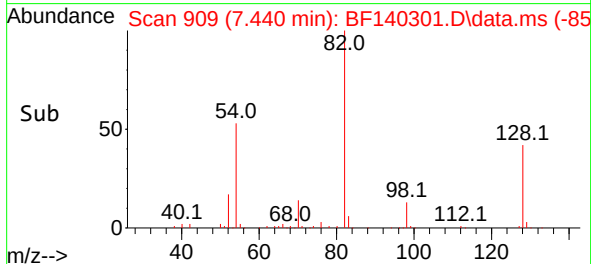
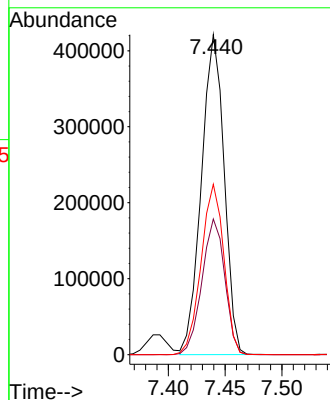
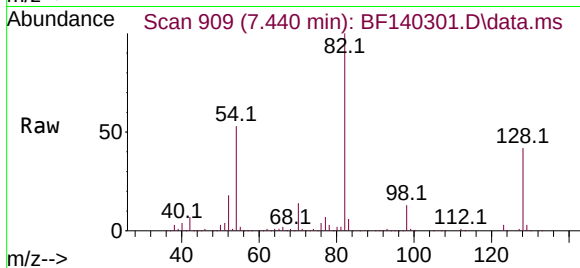
Tgt Ion: 82 Resp: 586573

Ion Ratio Lower Upper

82 100

128 42.4 32.8 49.2

54 53.2 44.3 66.5



#24

Nitrobenzene

Concen: 48.439 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

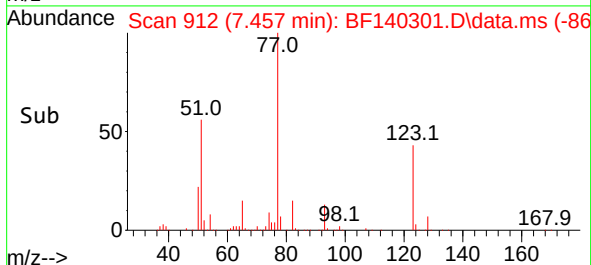
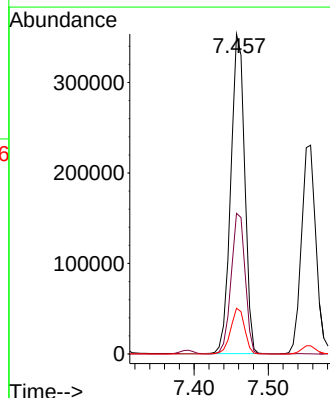
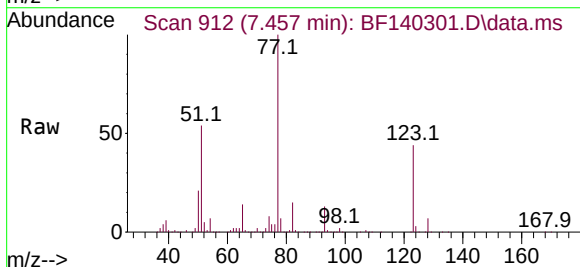
Tgt Ion: 77 Resp: 458829

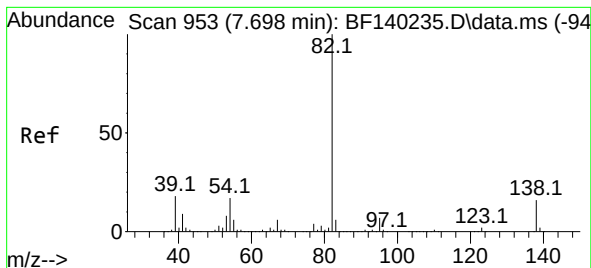
Ion Ratio Lower Upper

77 100

123 43.9 33.0 49.4

65 14.3 11.7 17.5





#25

Isophorone

Concen: 50.858 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

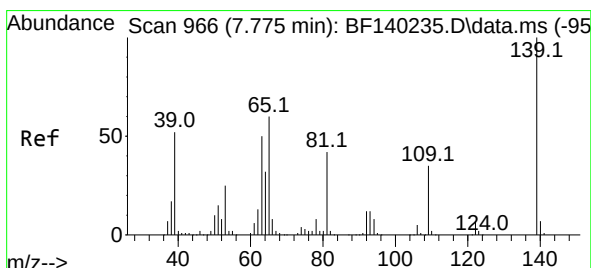
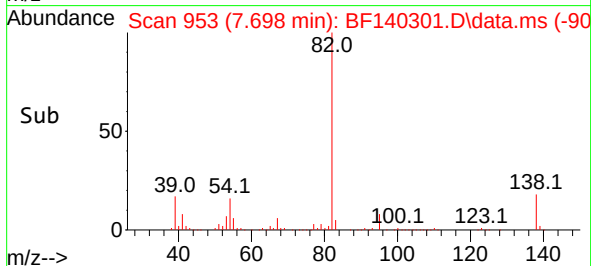
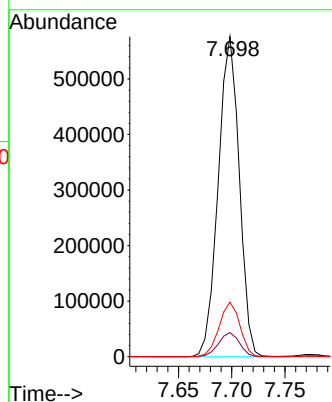
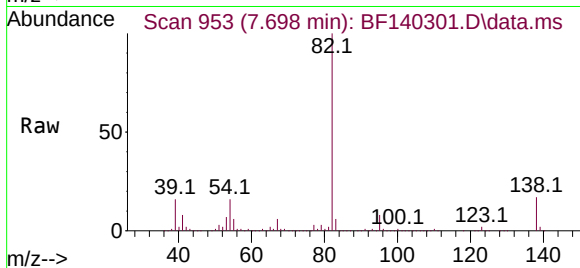
Tgt Ion: 82 Resp: 790520

Ion Ratio Lower Upper

82 100

95 7.6 6.0 9.0

138 17.1 12.9 19.3



#26

2-Nitrophenol

Concen: 56.792 ng

RT: 7.775 min Scan# 966

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

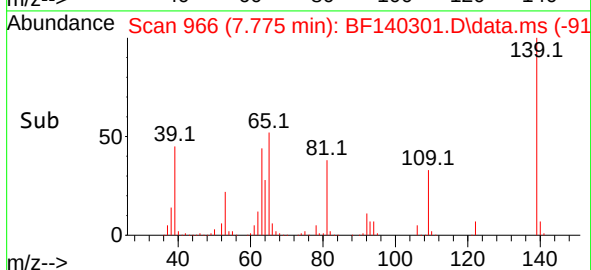
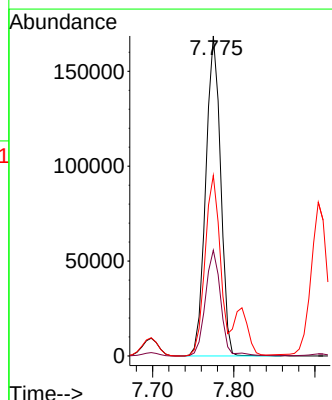
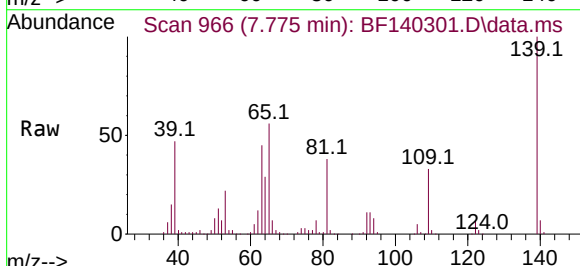
Tgt Ion:139 Resp: 213989

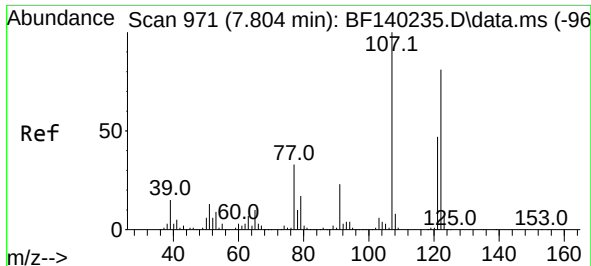
Ion Ratio Lower Upper

139 100

109 33.1 27.8 41.8

65 56.4 48.2 72.2

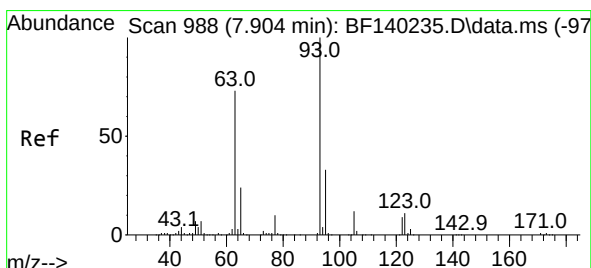
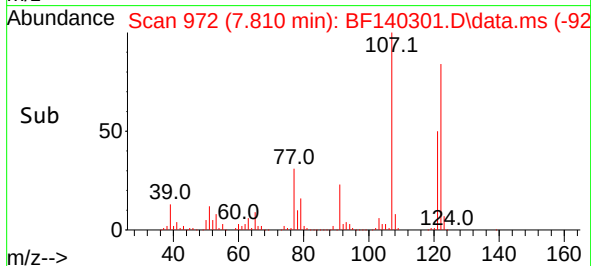
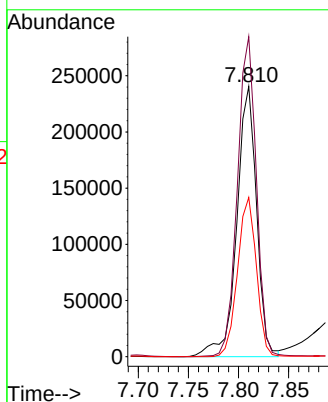
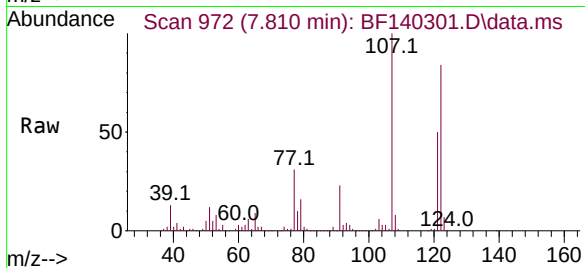




#27
2,4-Dimethylphenol
Concen: 64.678 ng
RT: 7.810 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

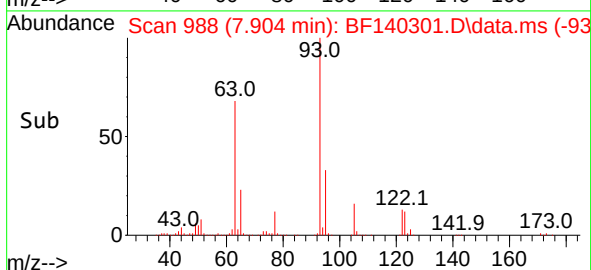
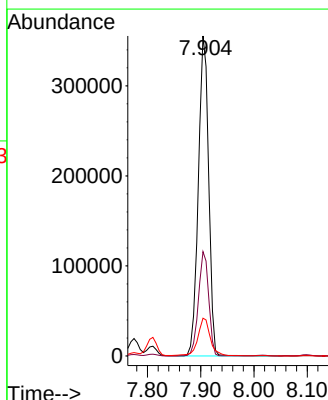
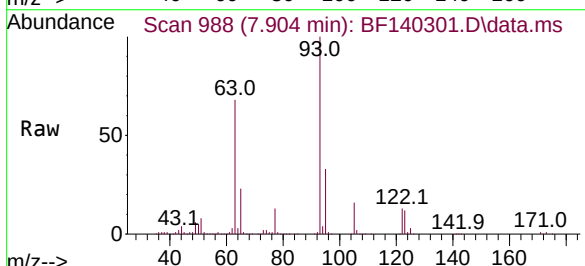
Instrument :
BNA_F
ClientSampleId :
TP2MSD

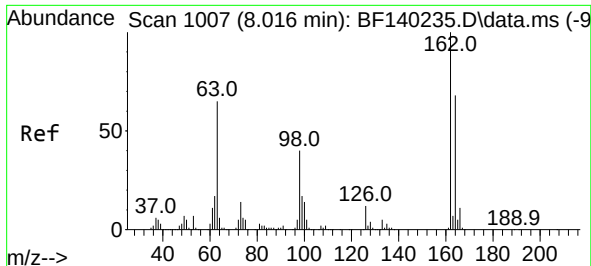
Tgt Ion:122 Resp: 331546
Ion Ratio Lower Upper
122 100
107 118.4 99.4 149.0
121 58.9 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 51.416 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 93 Resp: 478264
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.617 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

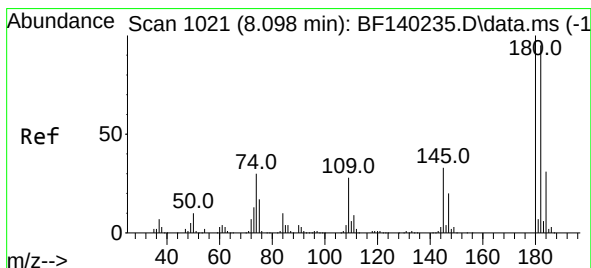
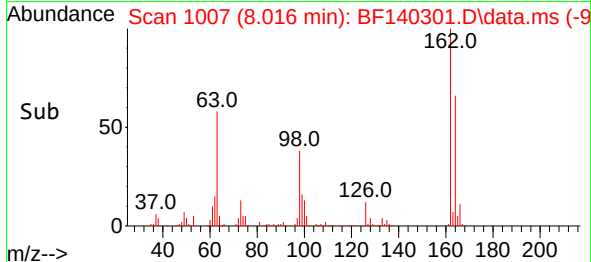
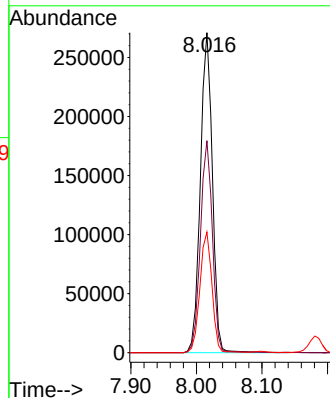
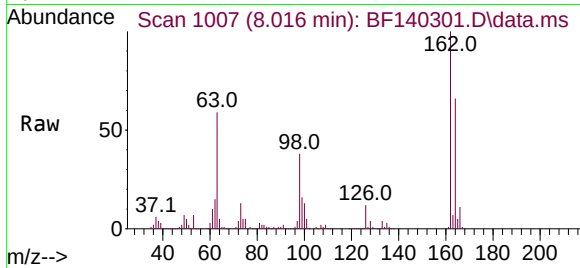
Tgt Ion:162 Resp: 346357

Ion Ratio Lower Upper

162 100

164 66.2 47.5 87.5

98 37.7 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 49.102 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

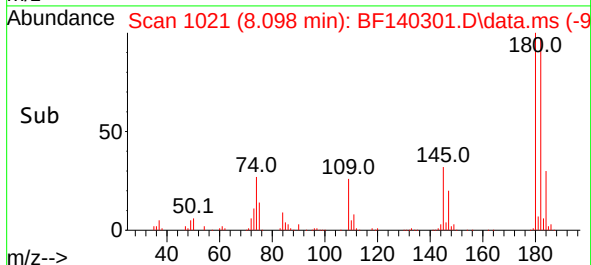
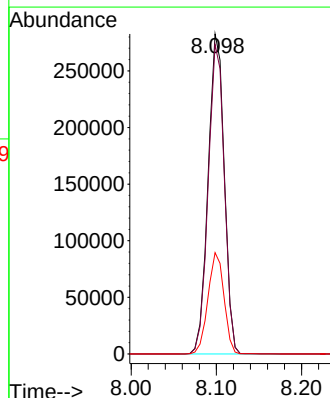
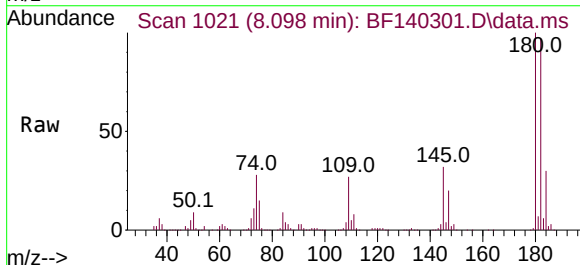
Tgt Ion:180 Resp: 373131

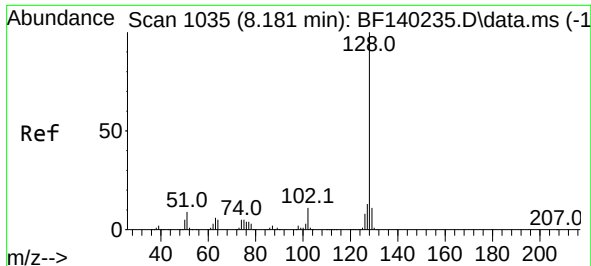
Ion Ratio Lower Upper

180 100

182 96.7 75.9 113.9

145 31.6 26.1 39.1

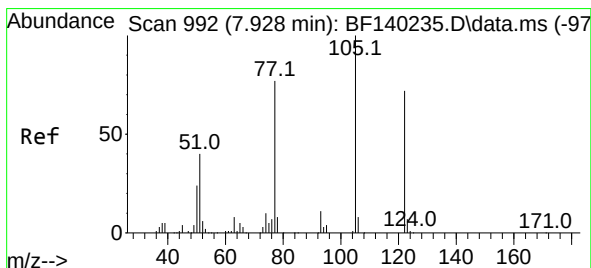
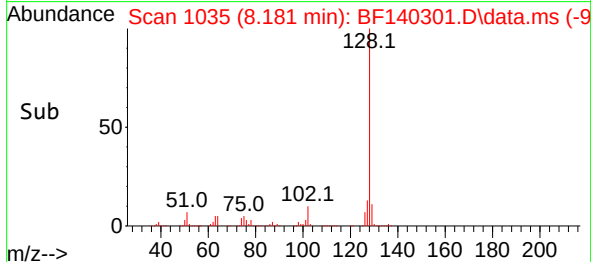
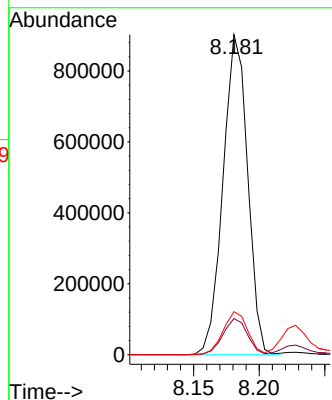
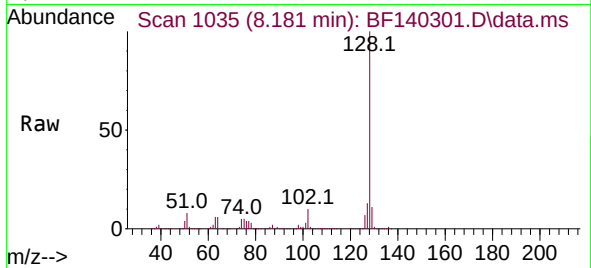




#31
Naphthalene
Concen: 50.793 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

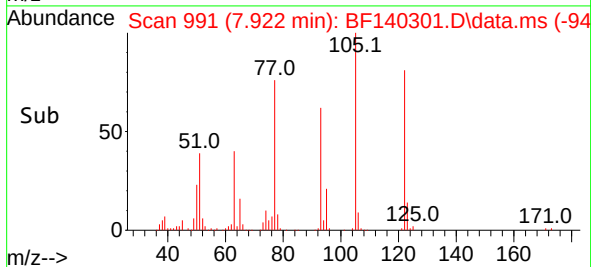
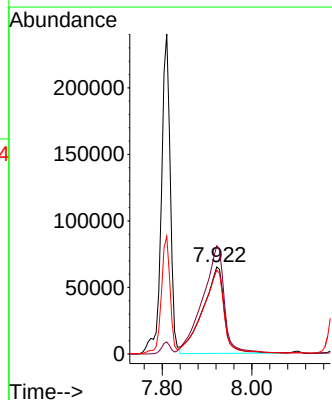
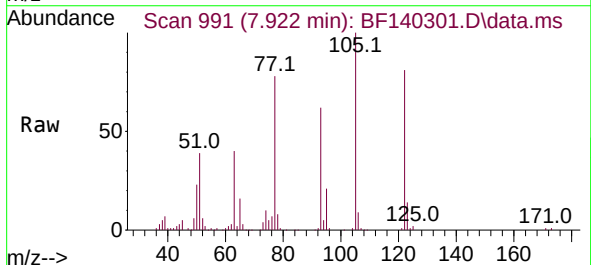
Instrument :
BNA_F
ClientSampleId :
TP2MSD

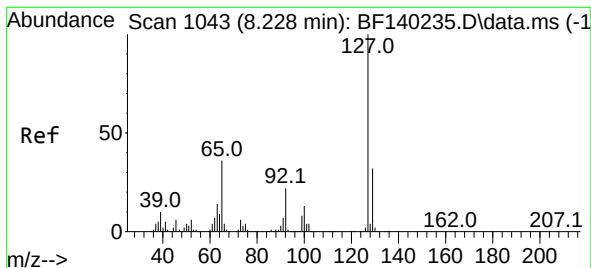
Tgt Ion:128 Resp: 1177194
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 51.341 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:122 Resp: 215983
Ion Ratio Lower Upper
122 100
105 124.2 112.6 152.6
77 96.4 84.3 124.3





#33

4-Chloroaniline

Concen: 17.652 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

Tgt Ion:127 Resp: 134686

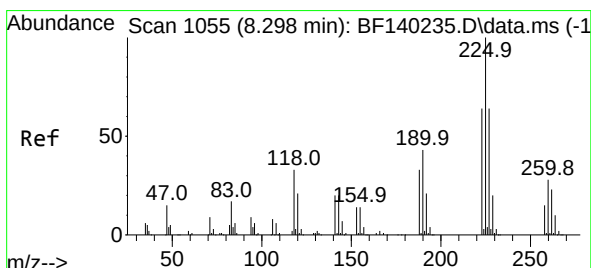
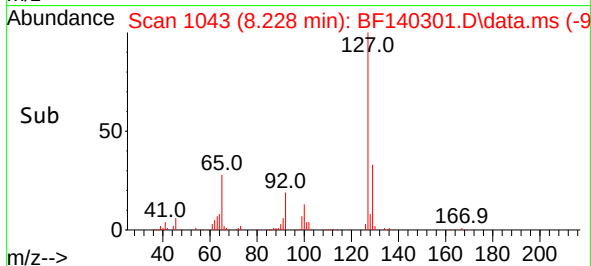
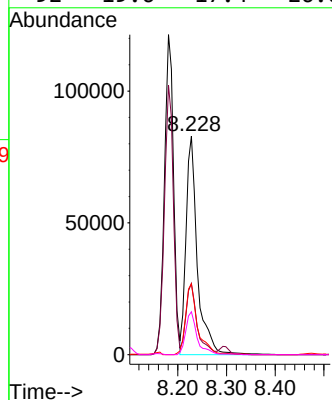
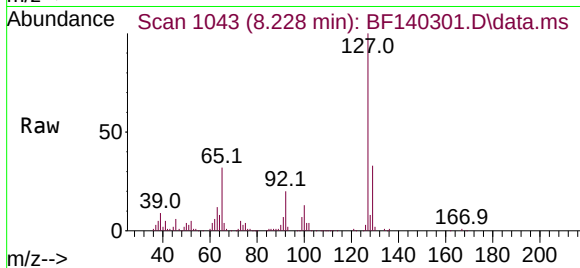
Ion Ratio Lower Upper

127 100

129 32.6 25.8 38.6

65 32.4 29.0 43.6

92 19.6 17.4 26.0



#34

Hexachlorobutadiene

Concen: 48.661 ng

RT: 8.298 min Scan# 1055

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

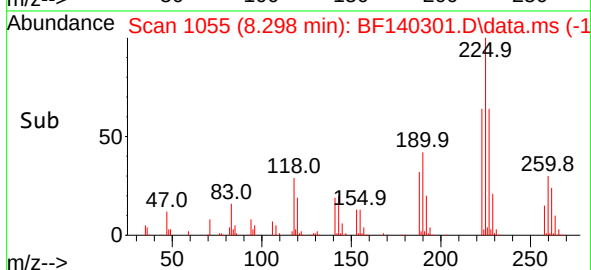
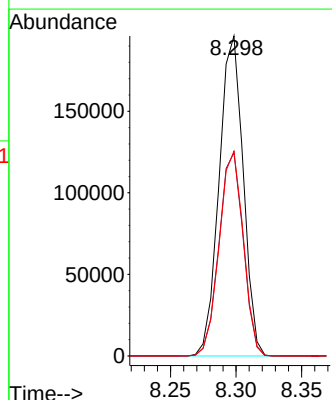
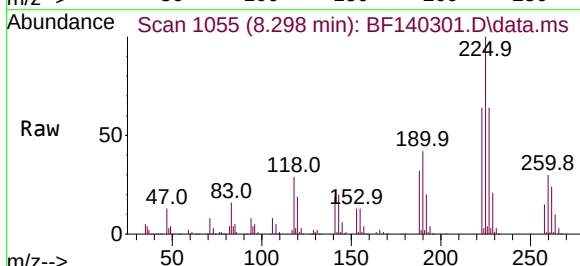
Tgt Ion:225 Resp: 250291

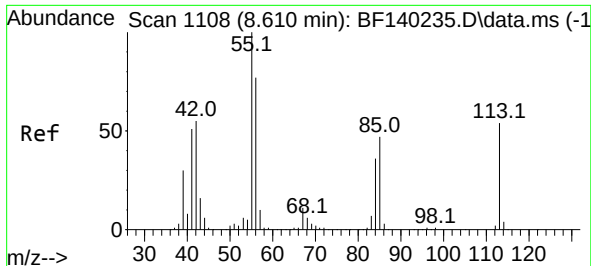
Ion Ratio Lower Upper

225 100

223 63.6 50.8 76.2

227 64.0 51.0 76.6

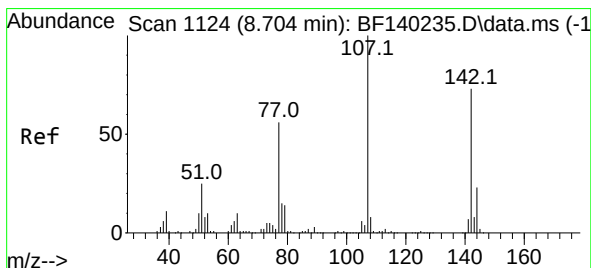
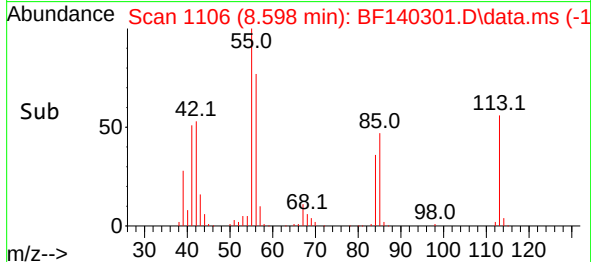
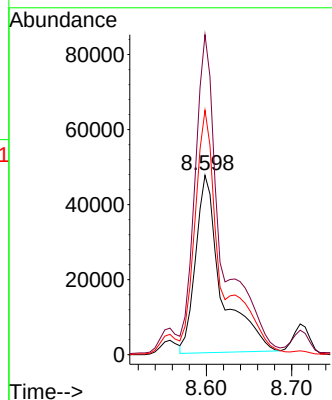
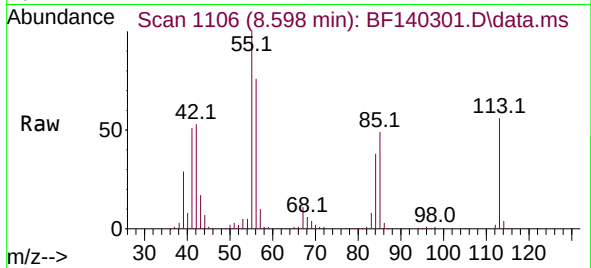




#35
Caprolactam
Concen: 52.113 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.012 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

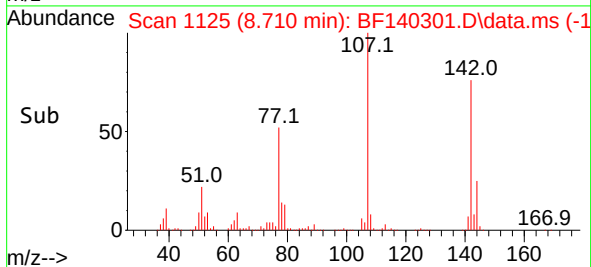
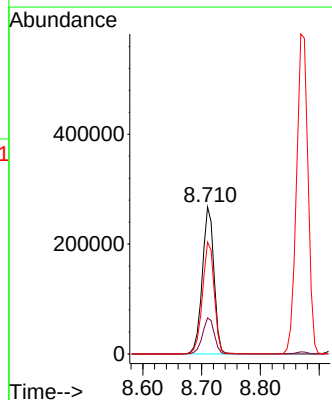
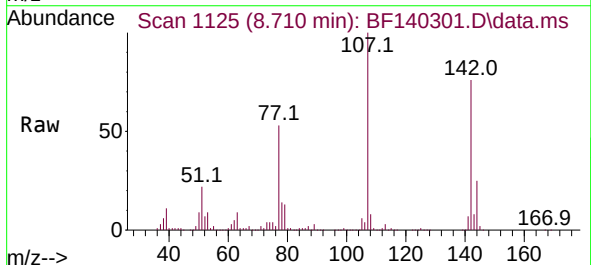
Instrument :
BNA_F
ClientSampleId :
TP2MSD

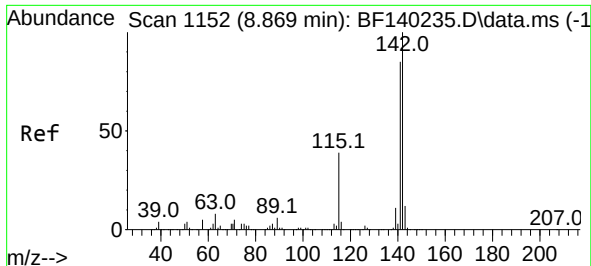
Tgt Ion:113 Resp: 100532
Ion Ratio Lower Upper
113 100
55 178.4 165.2 205.2
56 136.3 122.1 162.1



#36
4-Chloro-3-methylphenol
Concen: 52.351 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:107 Resp: 369630
Ion Ratio Lower Upper
107 100
144 24.5 18.6 27.8
142 76.1 58.1 87.1

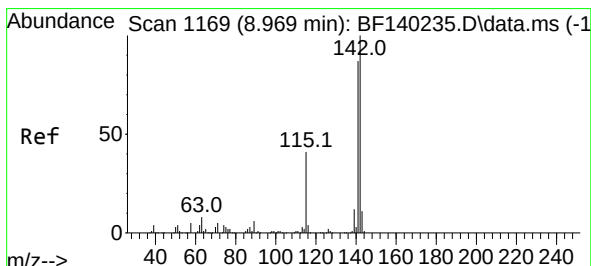
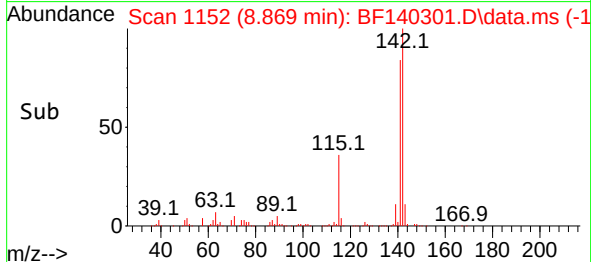
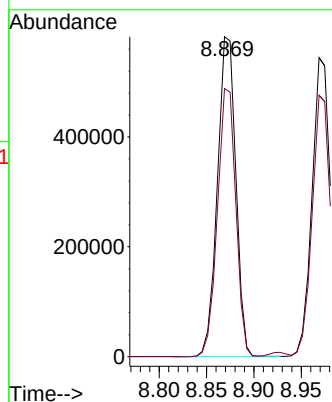
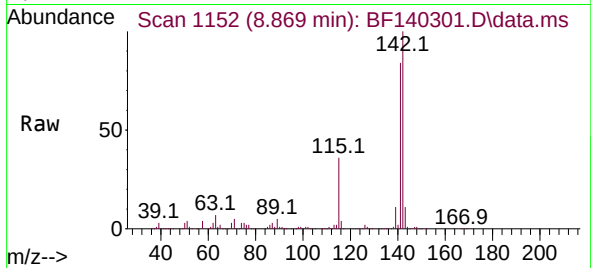




#37
2-Methylnaphthalene
Concen: 52.132 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

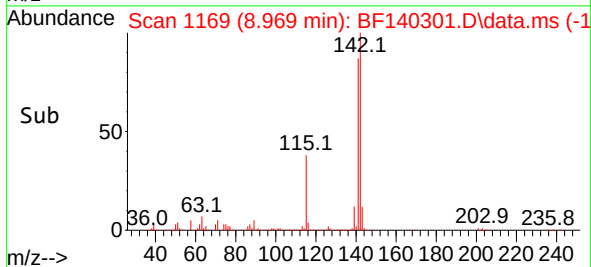
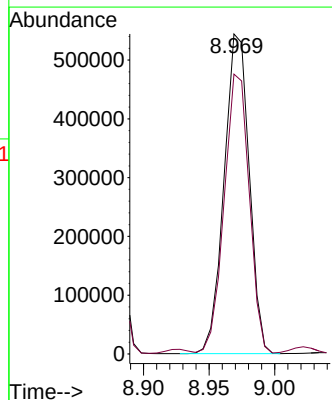
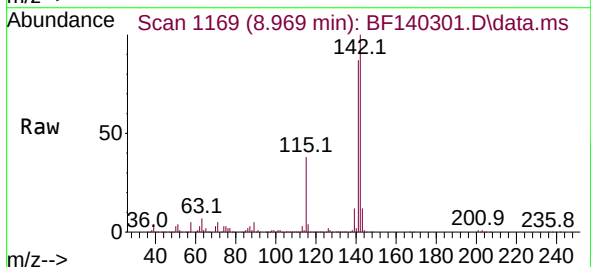
Instrument :
BNA_F
ClientSampleId :
TP2MSD

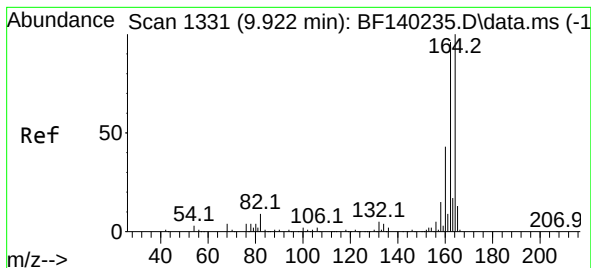
Tgt Ion:142 Resp: 788546
Ion Ratio Lower Upper
142 100
141 83.8 67.8 101.8



#38
1-Methylnaphthalene
Concen: 48.867 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:142 Resp: 724494
Ion Ratio Lower Upper
142 100
141 87.4 69.7 104.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

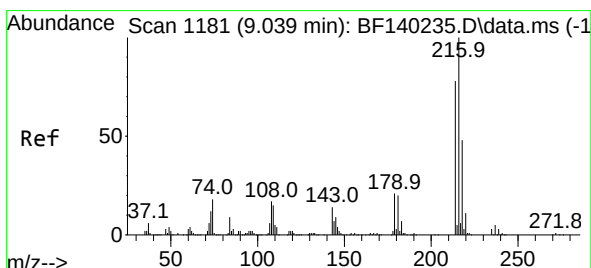
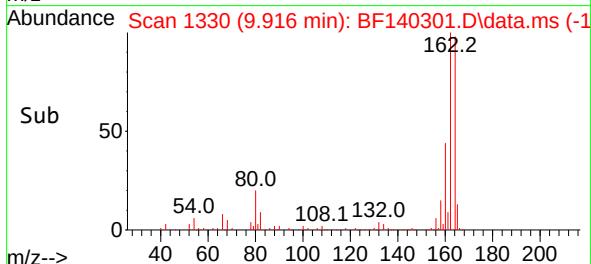
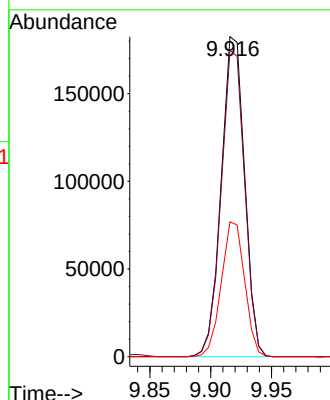
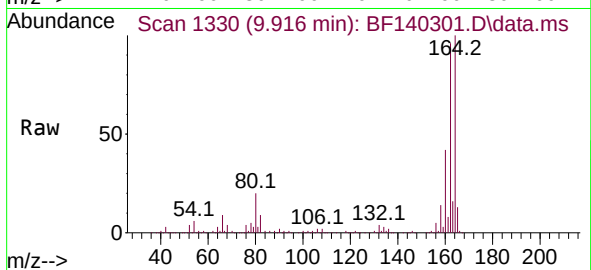
Tgt Ion:164 Resp: 245092

Ion Ratio Lower Upper

164 100

162 95.8 77.0 115.4

160 42.1 34.1 51.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.102 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Tgt Ion:216 Resp: 388187

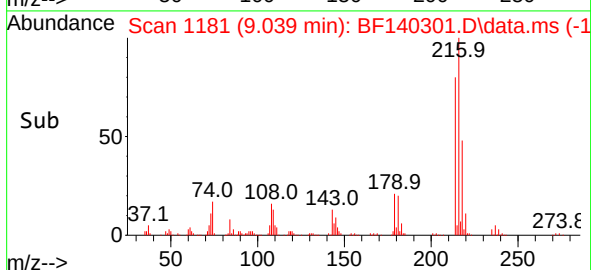
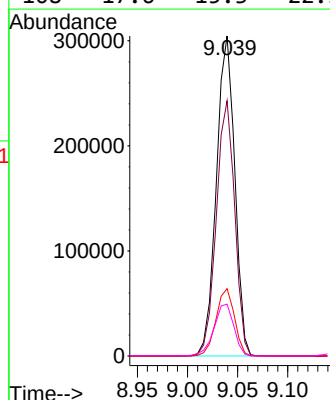
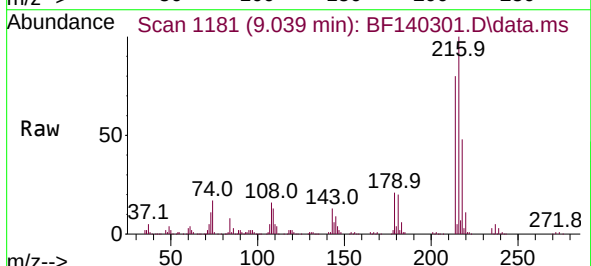
Ion Ratio Lower Upper

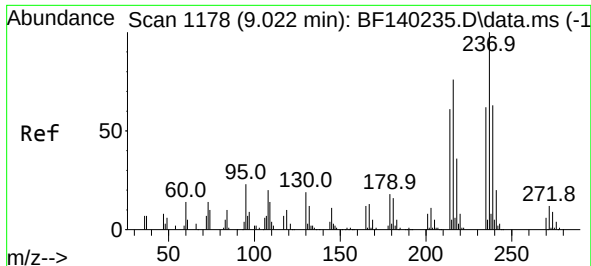
216 100

214 79.7 62.8 94.2

179 21.1 17.3 25.9

108 17.6 15.3 22.9

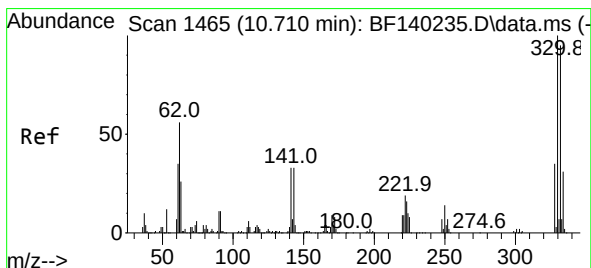
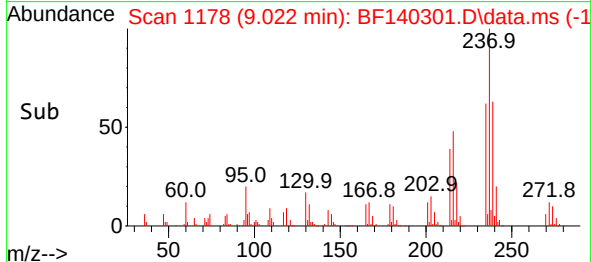
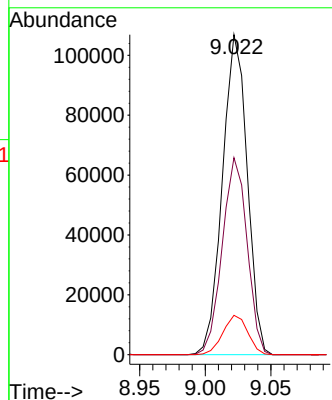
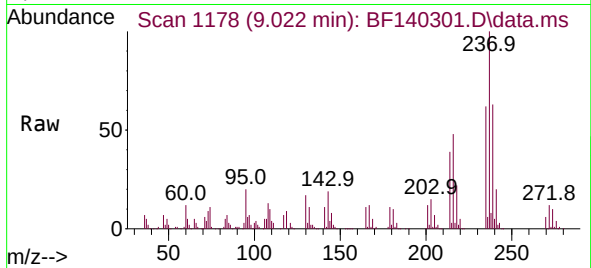




#41
Hexachlorocyclopentadiene
Concen: 69.923 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

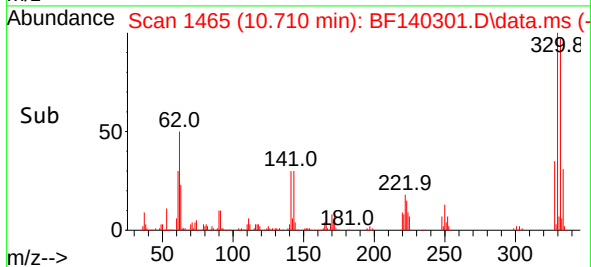
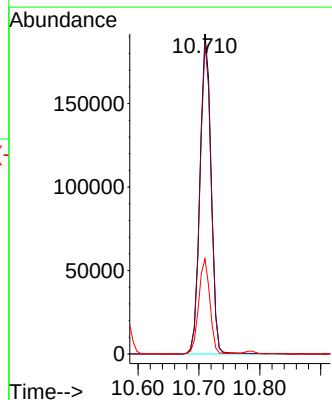
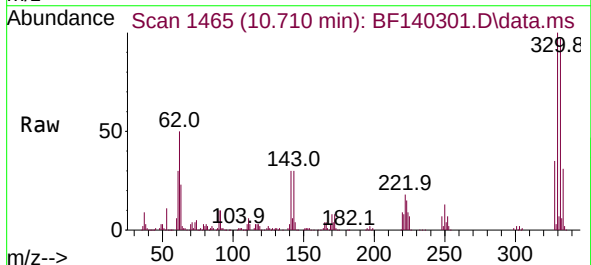
Instrument :
BNA_F
ClientSampleId :
TP2MSD

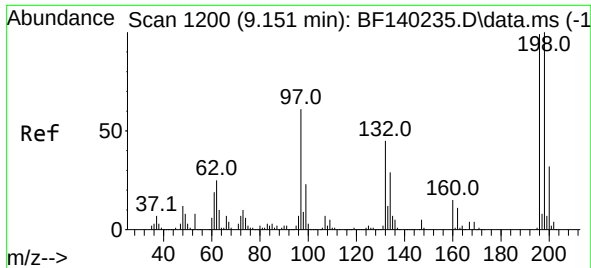
Tgt Ion:237 Resp: 140584
Ion Ratio Lower Upper
237 100
235 61.5 41.8 81.8
272 12.3 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 100.323 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:330 Resp: 243042
Ion Ratio Lower Upper
330 100
332 97.0 76.4 114.6
141 29.7 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 58.060 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

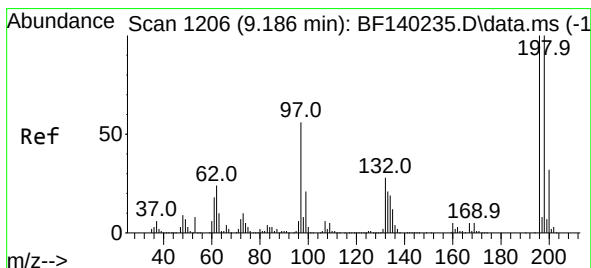
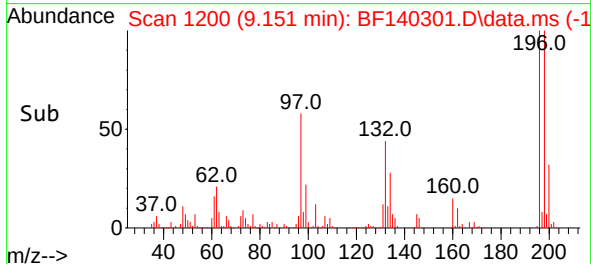
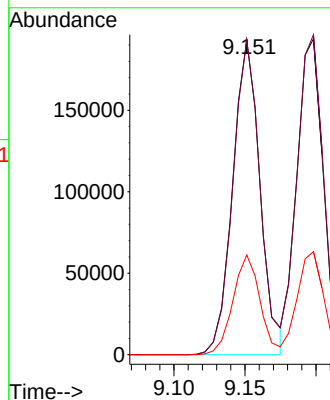
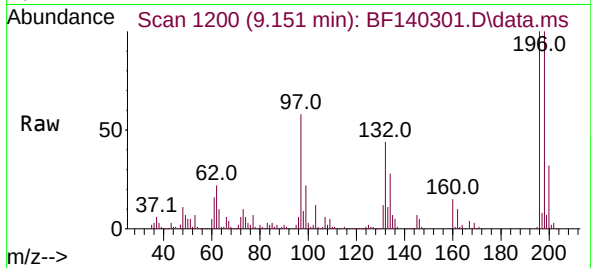
Tgt Ion:196 Resp: 258151

Ion Ratio Lower Upper

196 100

198 100.0 80.8 121.2

200 31.7 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 53.898 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Tgt Ion:196 Resp: 251975

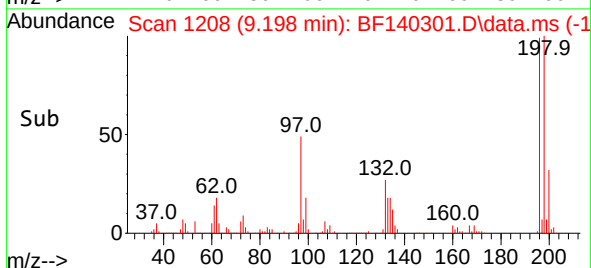
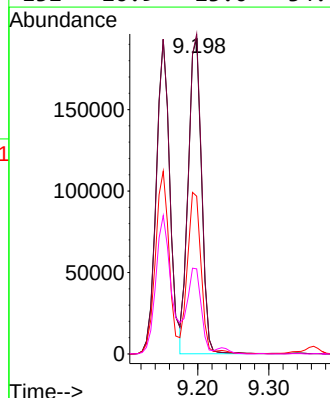
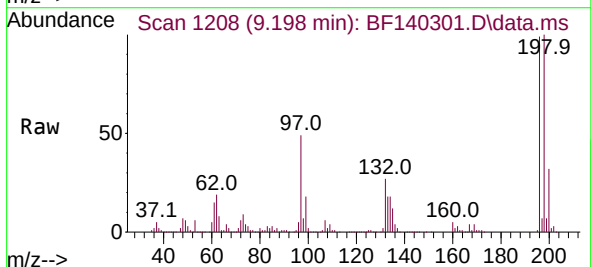
Ion Ratio Lower Upper

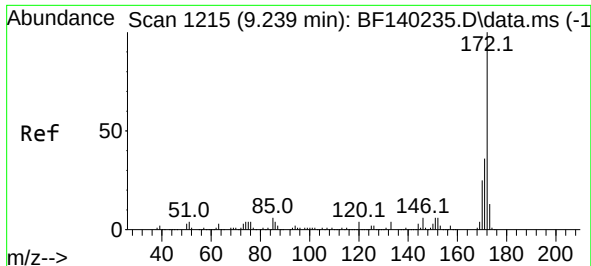
196 100

198 101.3 80.0 120.0

97 49.9 45.7 68.5

132 26.9 23.0 34.6

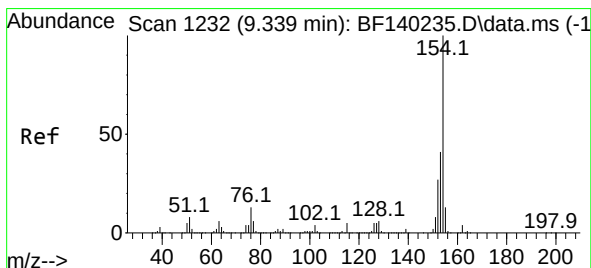
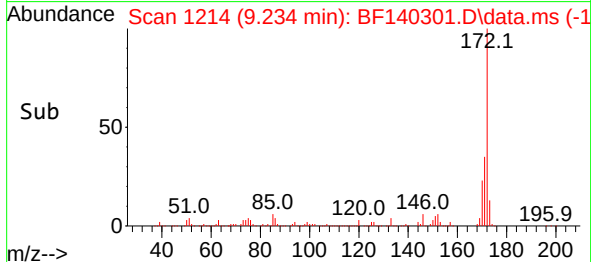
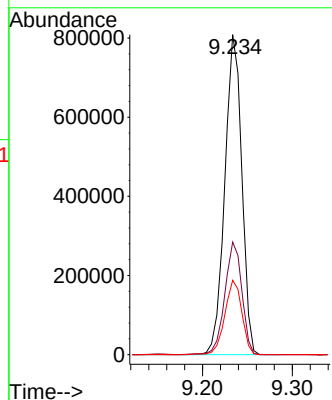
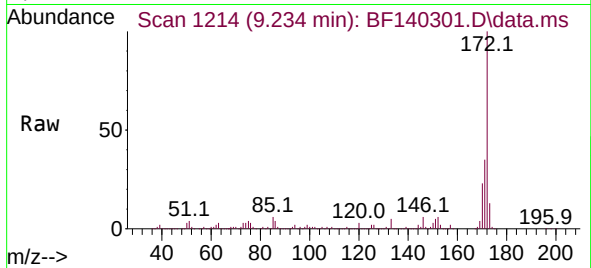




#45
2-Fluorobiphenyl
Concen: 69.165 ng
RT: 9.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

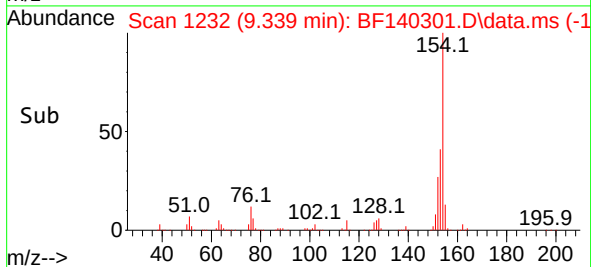
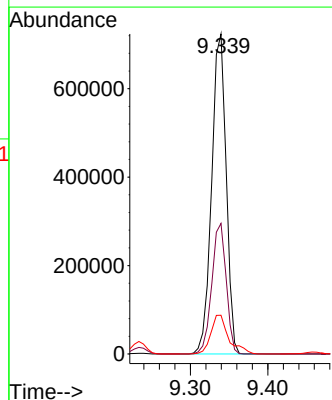
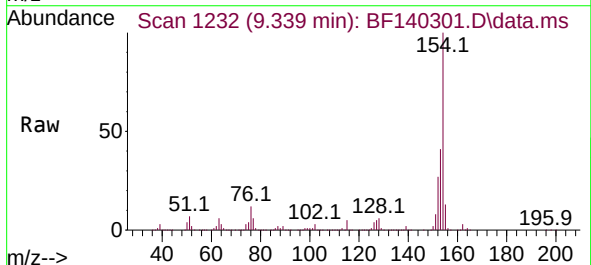
Instrument :
BNA_F
ClientSampleId :
TP2MSD

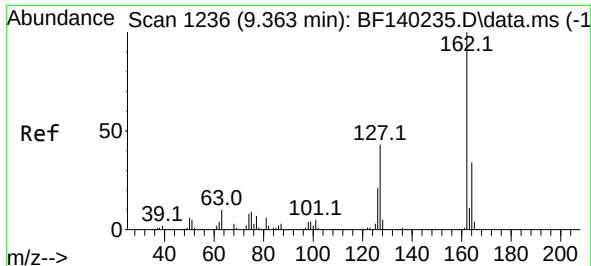
Tgt Ion:172 Resp: 1061614
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.3 19.6 29.4



#46
1,1'-Biphenyl
Concen: 53.192 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:154 Resp: 942328
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.1 0.0 32.6

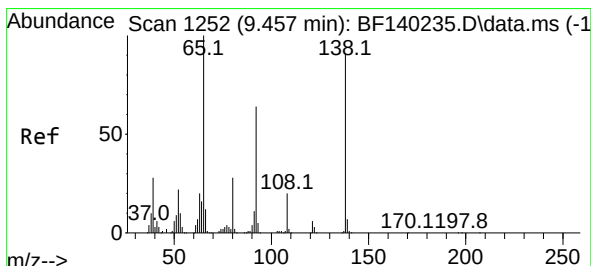
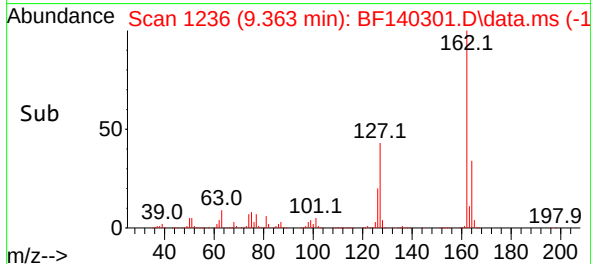
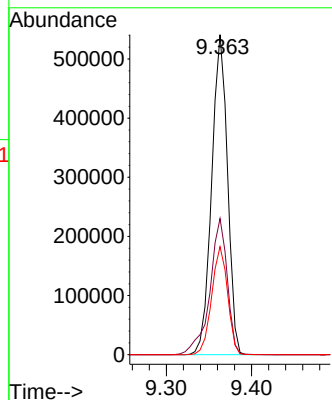
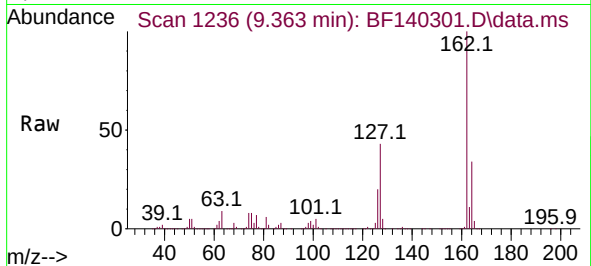




#47
2-Chloronaphthalene
Concen: 52.352 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

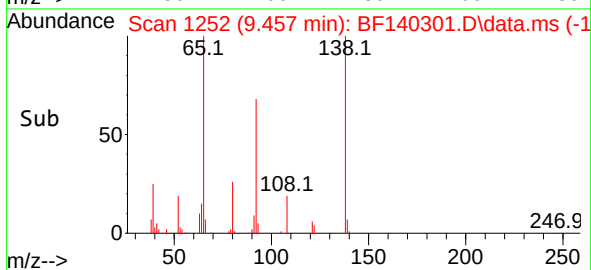
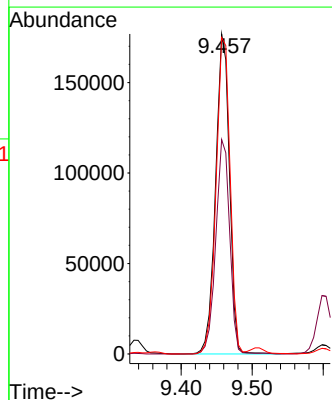
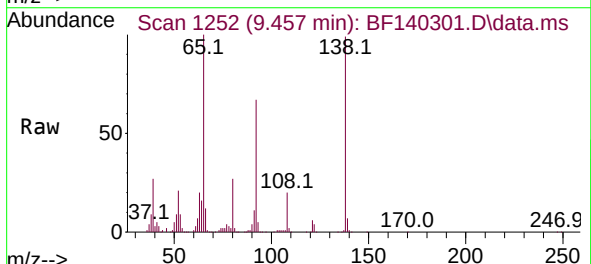
Instrument :
BNA_F
ClientSampleId :
TP2MSD

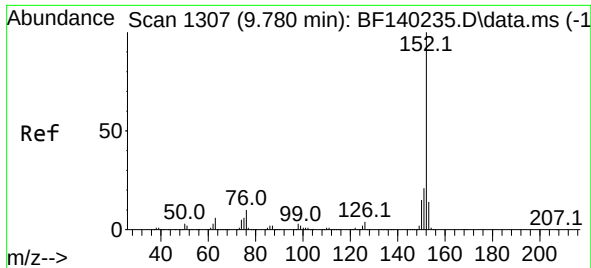
Tgt Ion:162 Resp: 698040
Ion Ratio Lower Upper
162 100
127 42.5 34.8 52.2
164 33.8 27.3 40.9



#48
2-Nitroaniline
Concen: 53.657 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion: 65 Resp: 239264
Ion Ratio Lower Upper
65 100
92 67.0 51.6 77.4
138 98.8 73.0 109.6

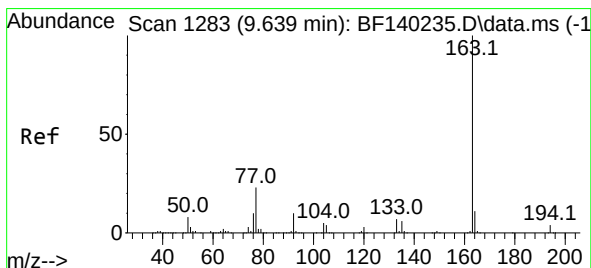
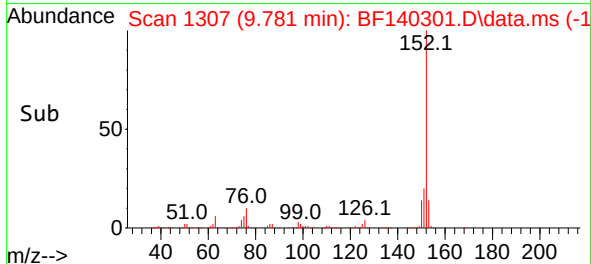
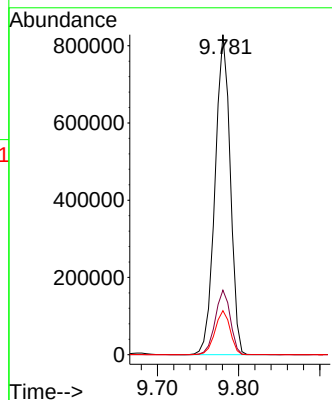
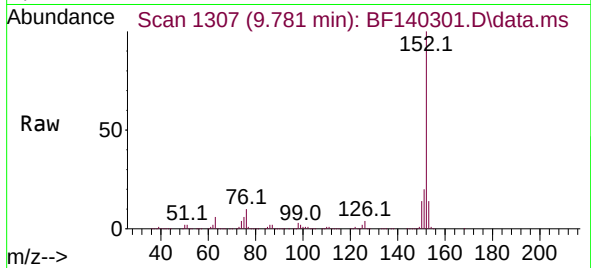




#49
Acenaphthylene
Concen: 57.170 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

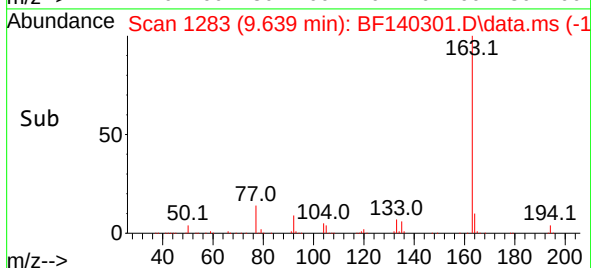
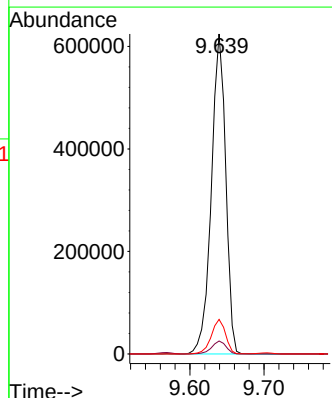
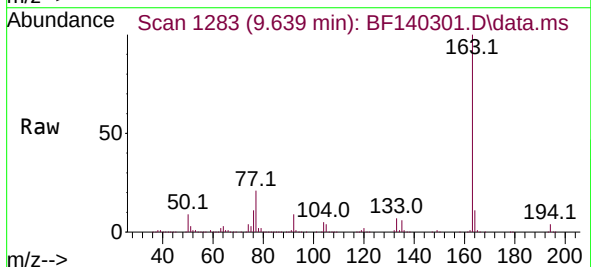
Instrument :
BNA_F
ClientSampleId :
TP2MSD

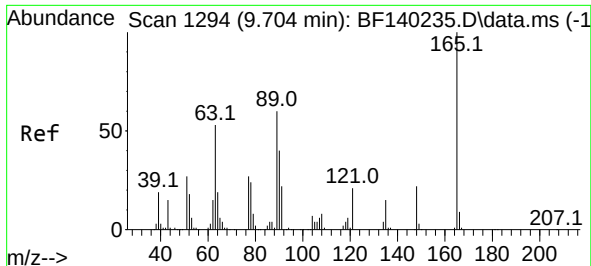
Tgt Ion:152 Resp: 1079221
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 55.648 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:163 Resp: 839973
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.8 8.6 13.0

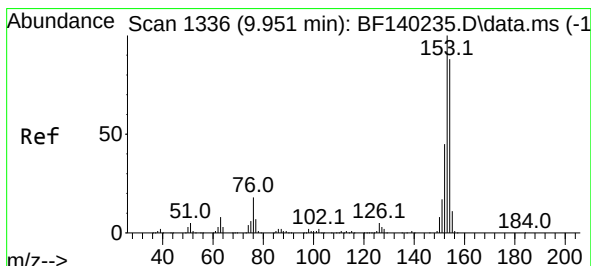
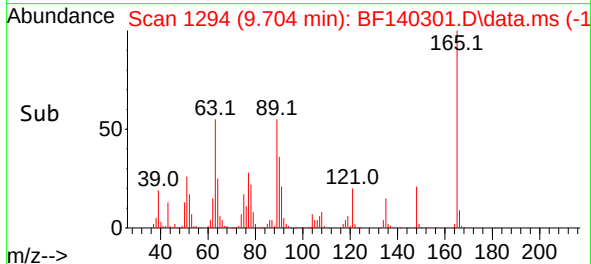
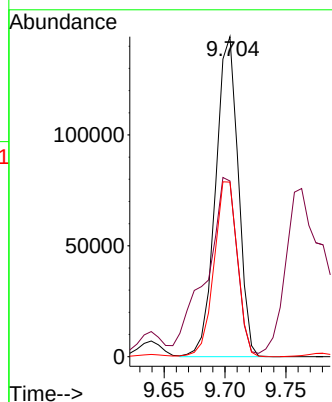
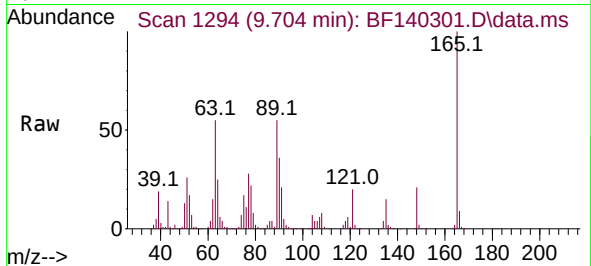




#51
2,6-Dinitrotoluene
Concen: 52.611 ng
RT: 9.704 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

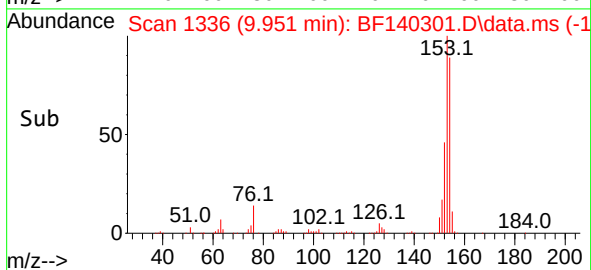
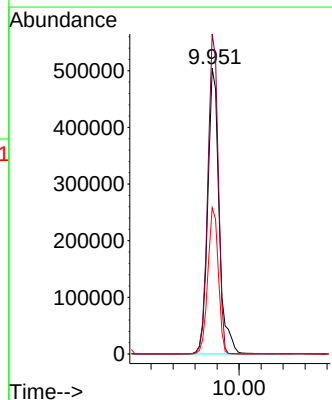
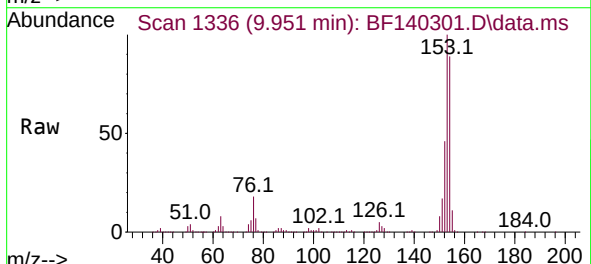
Instrument :
BNA_F
ClientSampleId :
TP2MSD

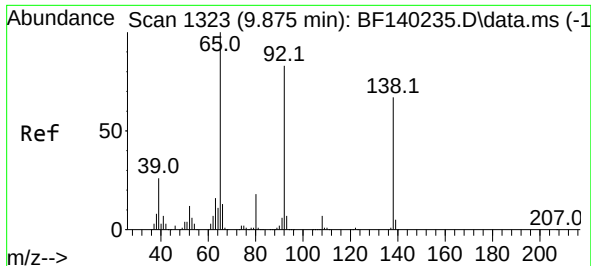
Tgt Ion:165 Resp: 186666
Ion Ratio Lower Upper
165 100
63 54.9 48.8 73.2
89 54.6 48.1 72.1



#52
Acenaphthene
Concen: 53.918 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:154 Resp: 721934
Ion Ratio Lower Upper
154 100
153 112.1 91.3 136.9
152 51.2 41.4 62.2

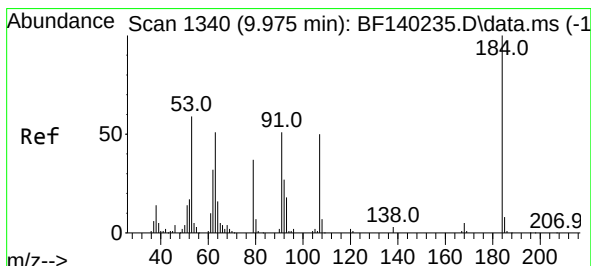
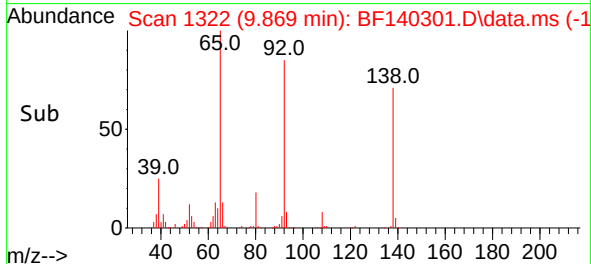
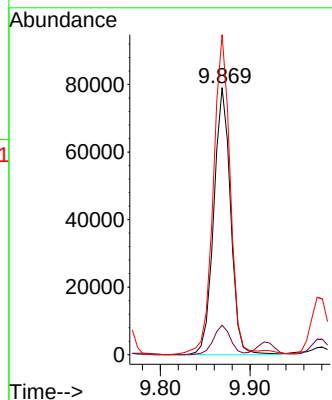
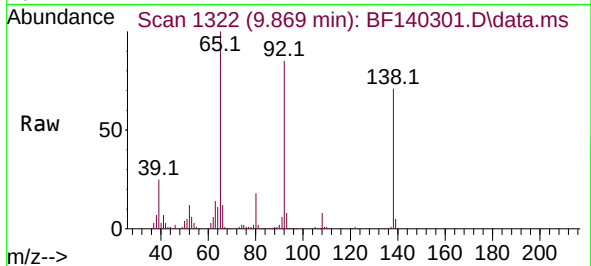




#53
3-Nitroaniline
Concen: 30.761 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

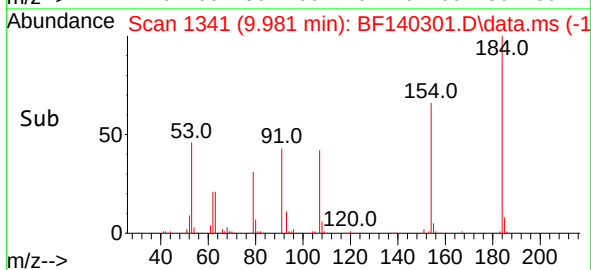
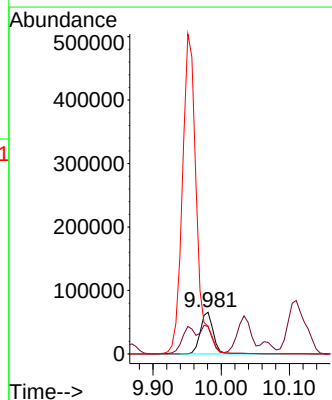
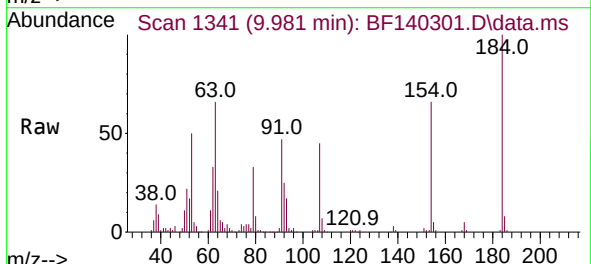
Instrument :
BNA_F
ClientSampleId :
TP2MSD

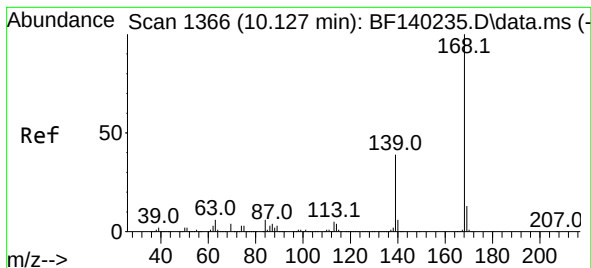
Tgt Ion:138 Resp: 102769
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 119.8 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 52.571 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:184 Resp: 87575
Ion Ratio Lower Upper
184 100
63 66.0 60.1 90.1
154 66.1 66.3 99.5#





#55

Dibenzenofuran

Concen: 53.434 ng

RT: 10.128 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

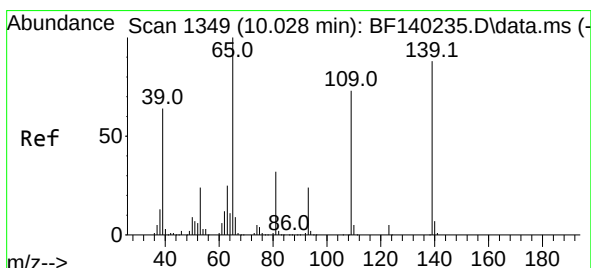
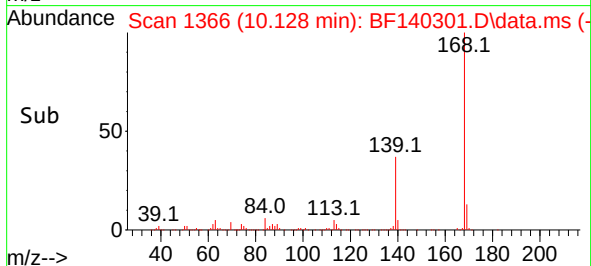
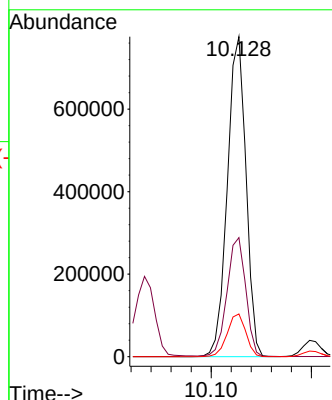
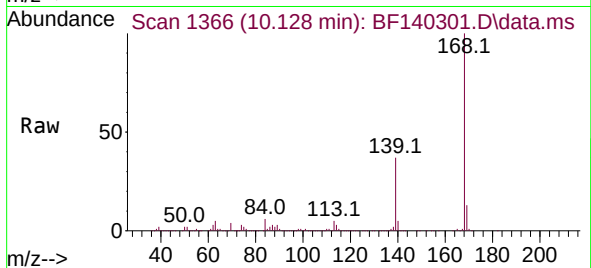
Tgt Ion:168 Resp: 1000456

Ion Ratio Lower Upper

168 100

139 37.2 31.5 47.3

169 13.4 10.6 15.8



#56

4-Nitrophenol

Concen: 114.880 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

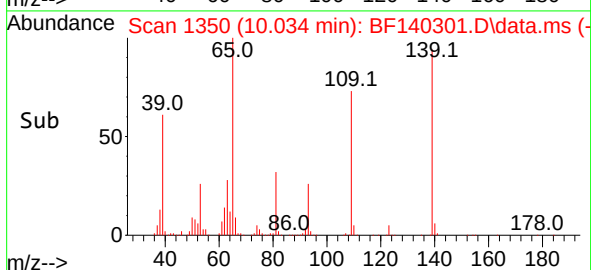
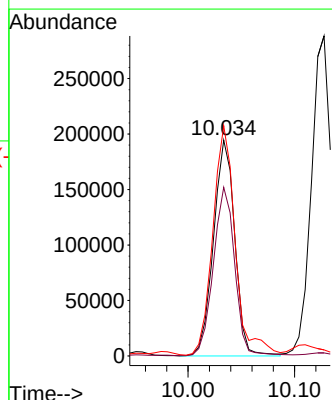
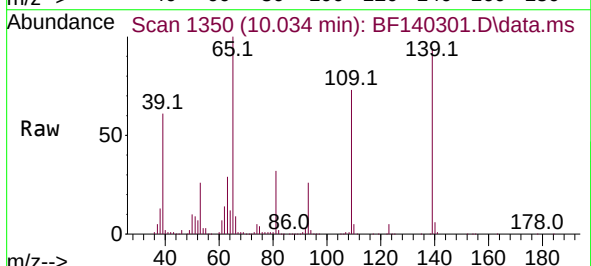
Tgt Ion:139 Resp: 269861

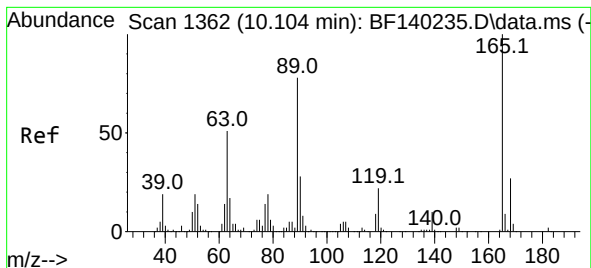
Ion Ratio Lower Upper

139 100

109 78.2 63.8 103.8

65 106.7 94.7 134.7

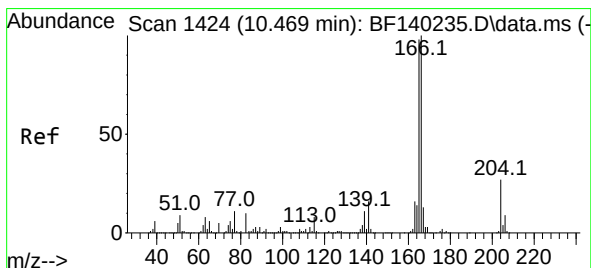
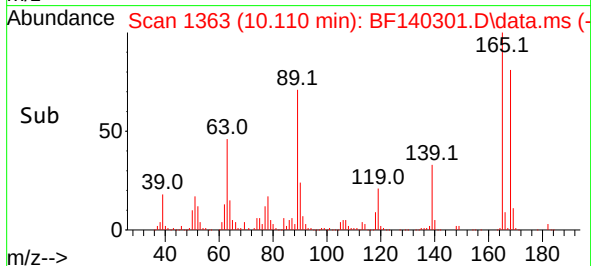
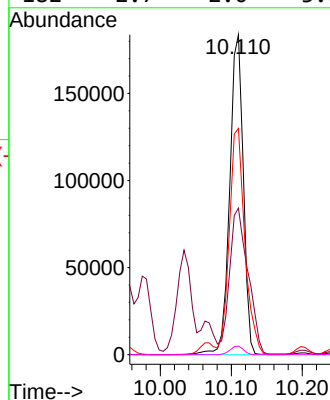
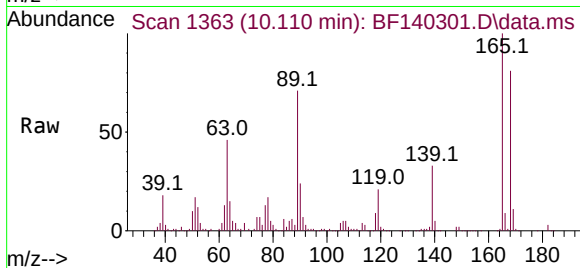




#57
2,4-Dinitrotoluene
Concen: 52.907 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

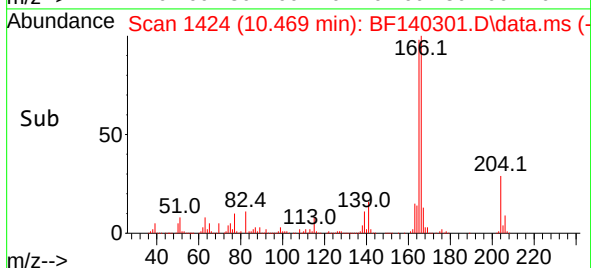
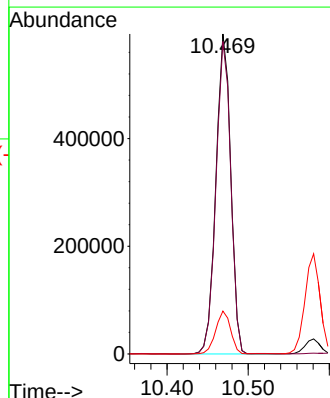
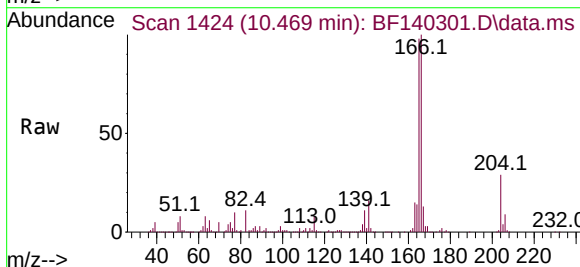
Instrument :
BNA_F
ClientSampleId :
TP2MSD

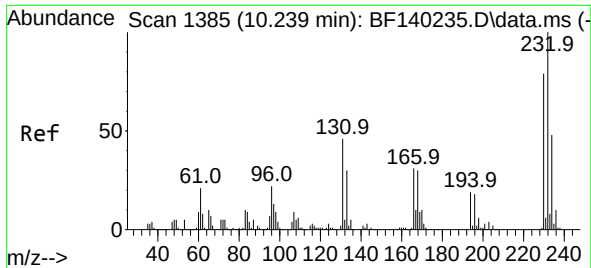
Tgt Ion:165 Resp: 243593
Ion Ratio Lower Upper
165 100
63 45.8 41.3 61.9
89 70.7 62.6 94.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 50.660 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:166 Resp: 755037
Ion Ratio Lower Upper
166 100
165 97.7 78.7 118.1
167 13.4 10.8 16.2

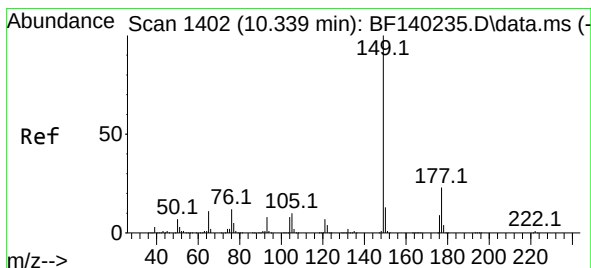
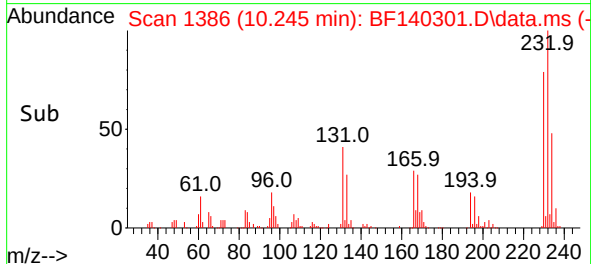
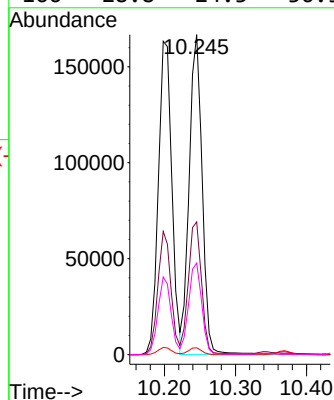
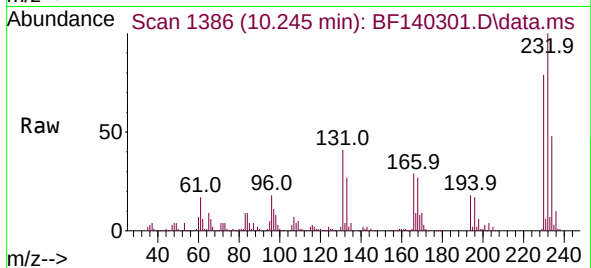




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.118 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

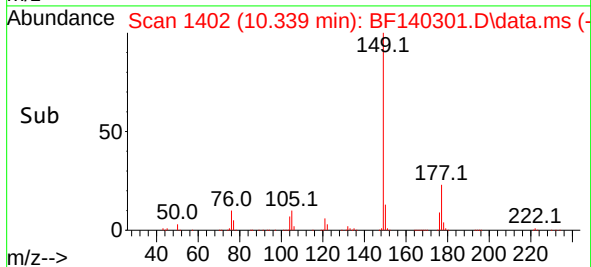
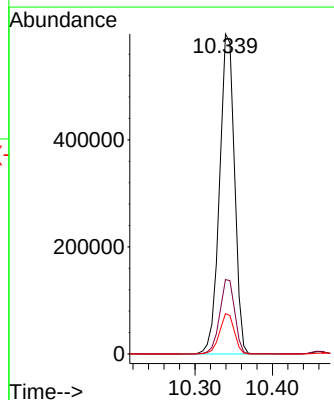
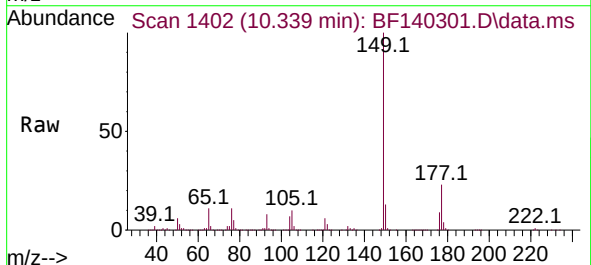
Instrument :
BNA_F
ClientSampleId :
TP2MSD

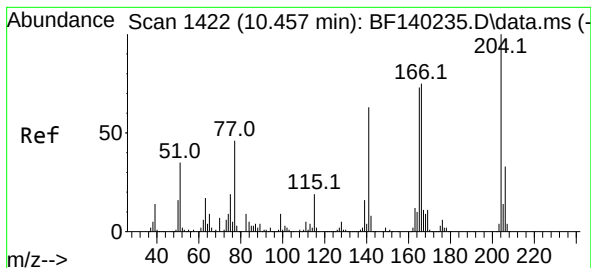
Tgt Ion:232 Resp: 211093
Ion Ratio Lower Upper
232 100
131 41.9 37.2 55.8
130 2.3 1.8 2.8
166 28.8 24.3 36.5



#60
Diethylphthalate
Concen: 53.771 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 806545
Ion Ratio Lower Upper
149 100
177 23.3 18.1 27.1
150 12.6 10.2 15.4

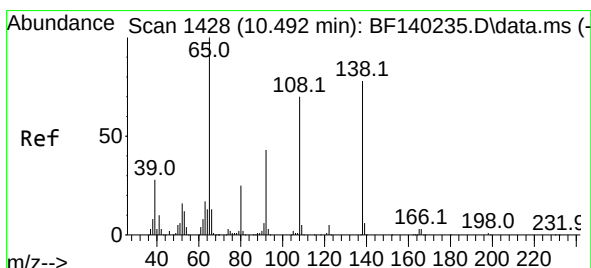
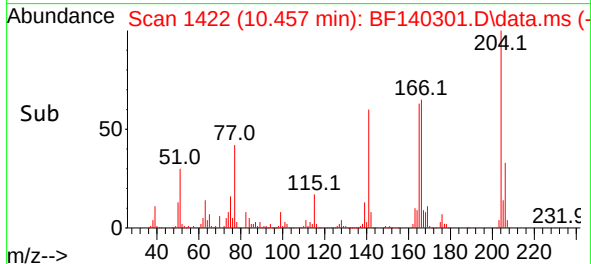
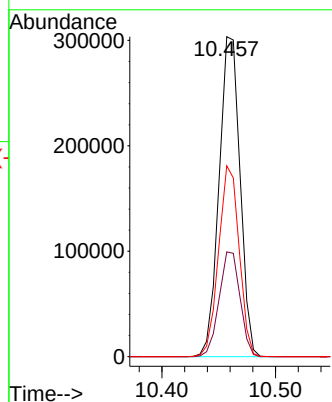
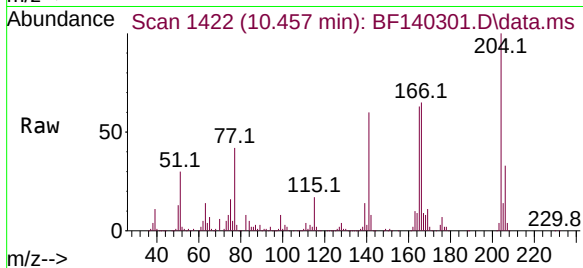




#61
4-Chlorophenyl-phenylether
Concen: 51.974 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

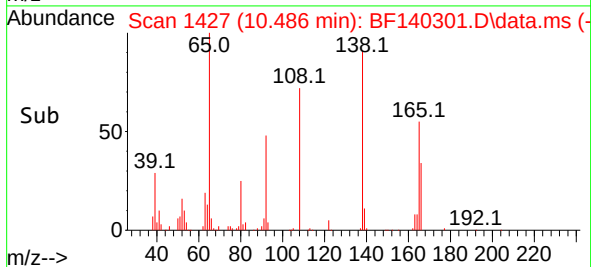
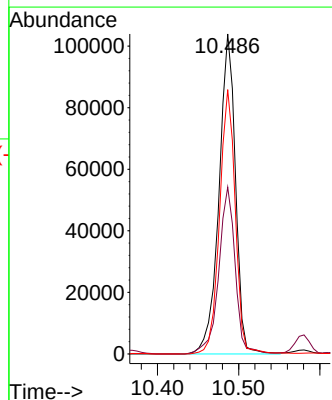
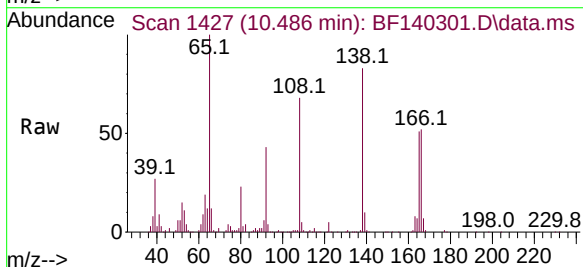
Instrument :
BNA_F
ClientSampleId :
TP2MSD

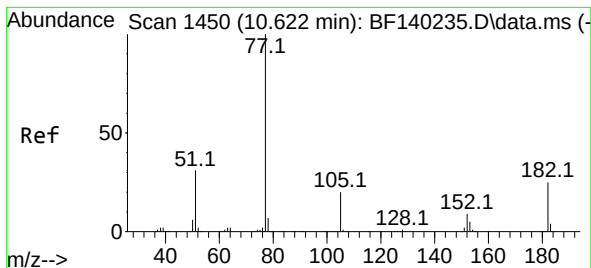
Tgt Ion:204 Resp: 390395
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 59.6 50.3 75.5



#62
4-Nitroaniline
Concen: 44.373 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:138 Resp: 147319
Ion Ratio Lower Upper
138 100
92 52.2 35.3 75.3
108 82.6 70.1 110.1





#63

Azobenzene

Concen: 54.268 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

Tgt Ion: 77 Resp: 843817

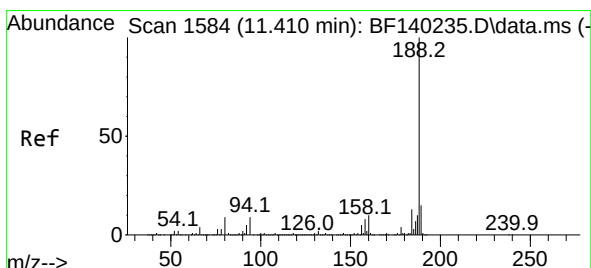
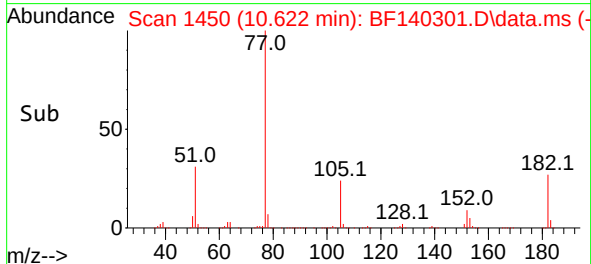
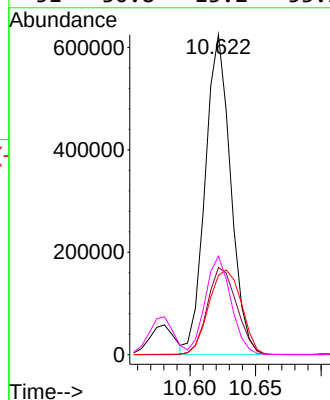
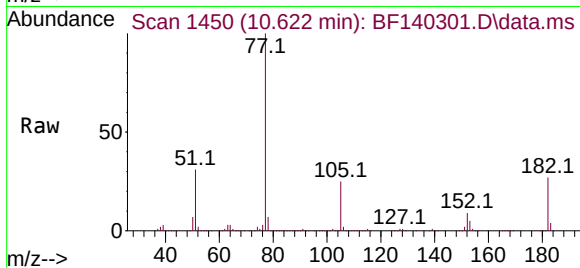
Ion Ratio Lower Upper

77 100

182 27.3 4.7 44.7

105 24.7 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: BF140301.D

Acq: 08 Nov 2024 16:17

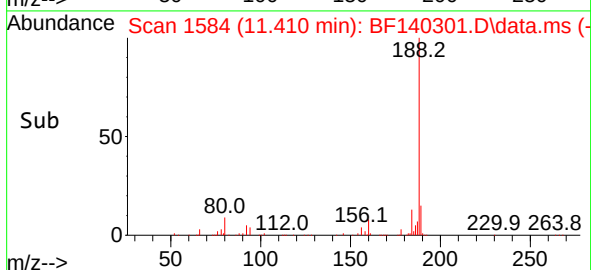
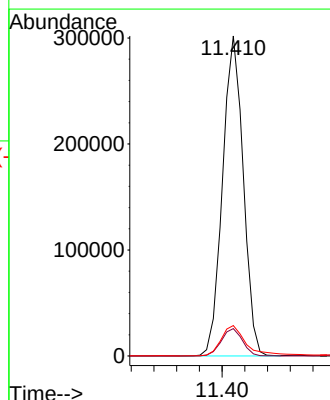
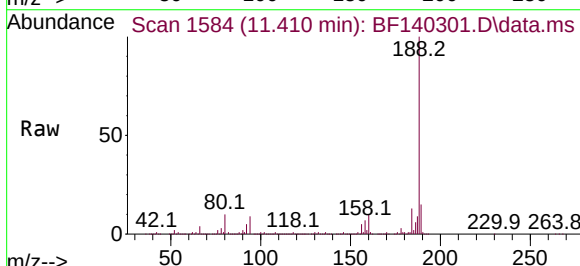
Tgt Ion:188 Resp: 382682

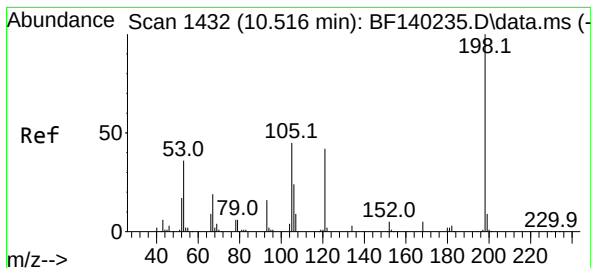
Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.5 7.5 11.3

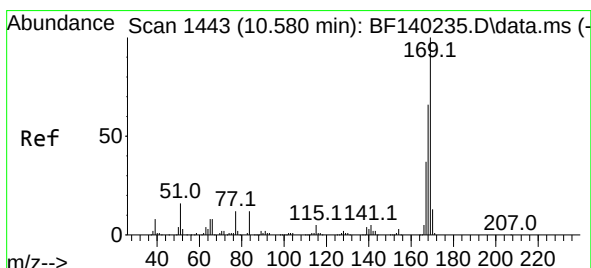
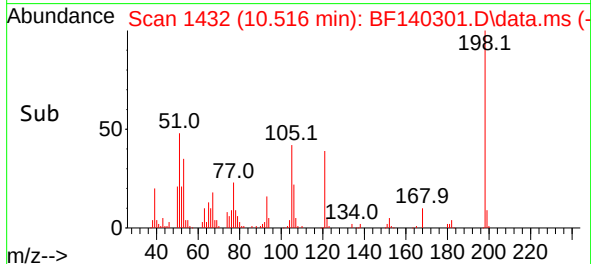
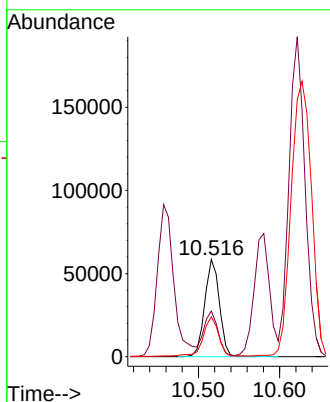
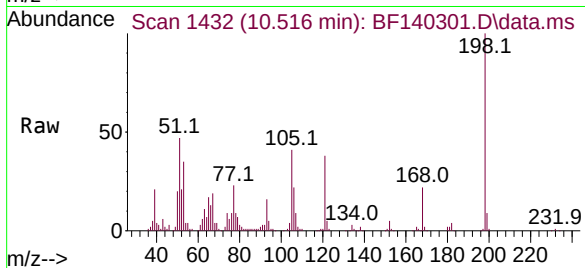




#65
4,6-Dinitro-2-methylphenol
Concen: 36.457 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

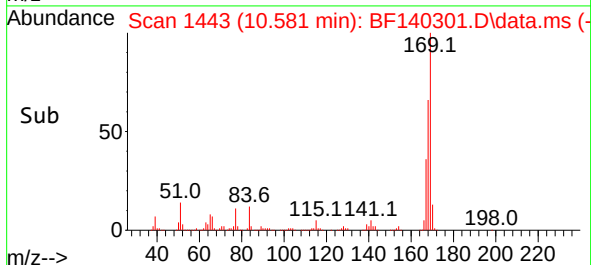
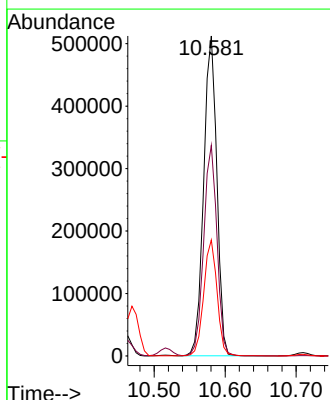
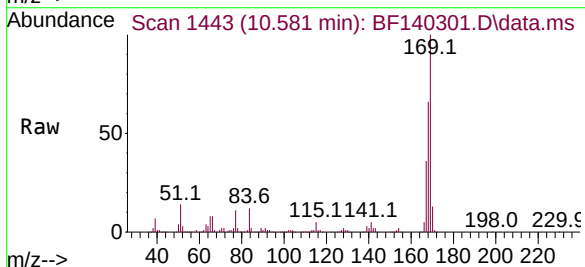
Instrument :
BNA_F
ClientSampleId :
TP2MSD

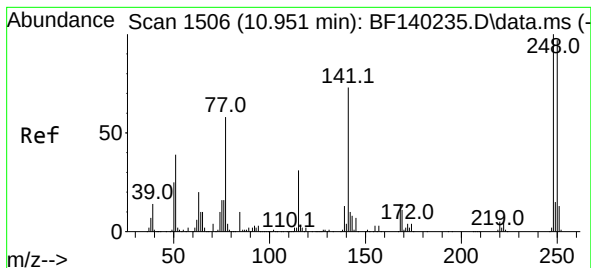
Tgt Ion:198 Resp: 73274
Ion Ratio Lower Upper
198 100
51 47.0 34.0 74.0
105 41.1 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 60.071 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:169 Resp: 661174
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.3 29.4 44.2

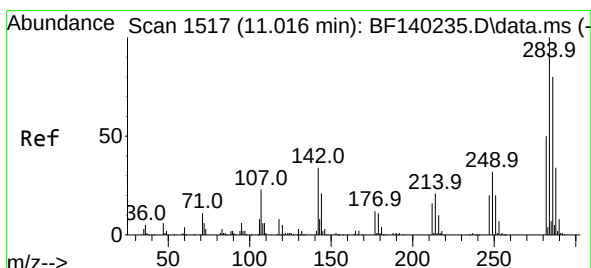
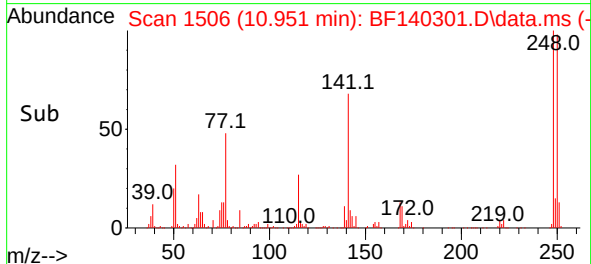
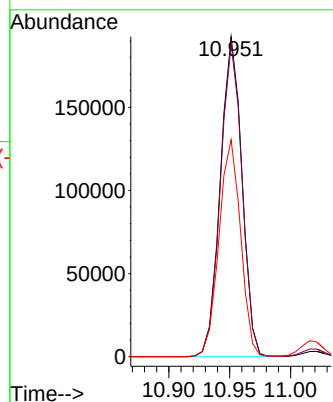
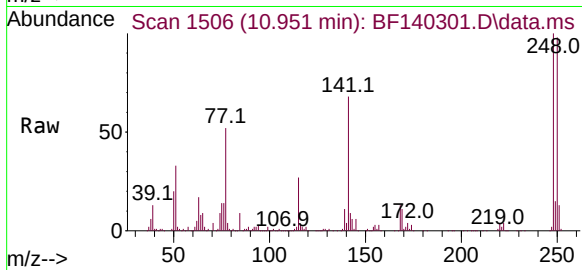




#67
4-Bromophenyl-phenylether
Concen: 57.669 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

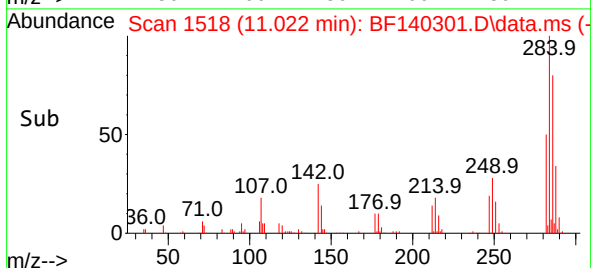
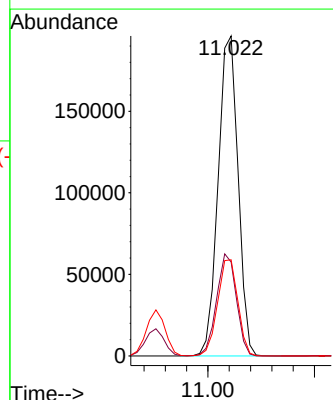
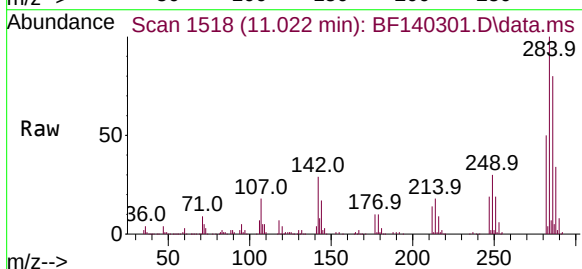
Instrument :
BNA_F
ClientSampleId :
TP2MSD

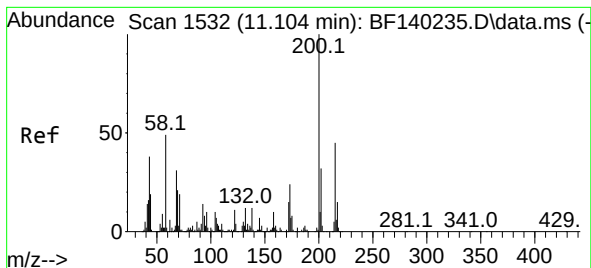
Tgt Ion:248 Resp: 237645
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 67.8 58.6 88.0



#68
Hexachlorobenzene
Concen: 54.165 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:284 Resp: 254423
Ion Ratio Lower Upper
284 100
142 29.3 27.5 41.3
249 30.1 26.2 39.2





#69

Atrazine

Concen: 73.017 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

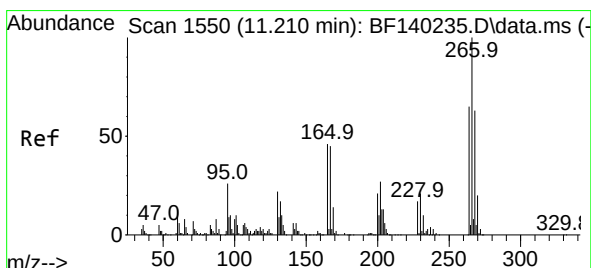
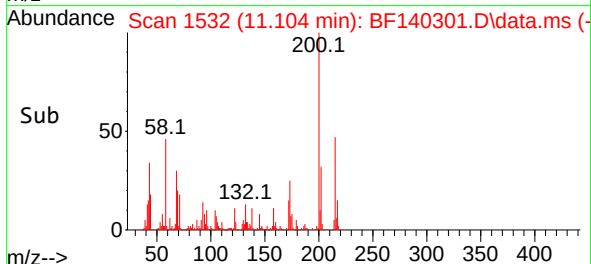
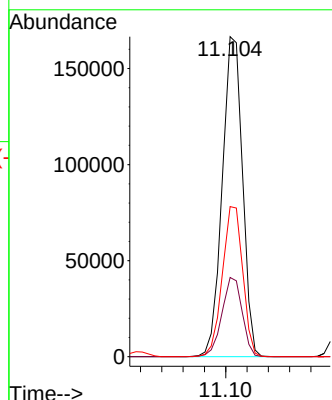
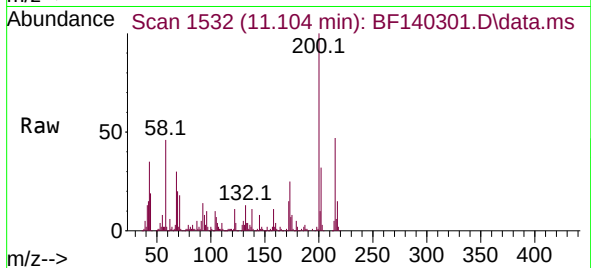
Tgt Ion:200 Resp: 219876

Ion Ratio Lower Upper

200 100

173 24.8 4.4 44.4

215 46.9 25.2 65.2



#70

Pentachlorophenol

Concen: 111.156 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

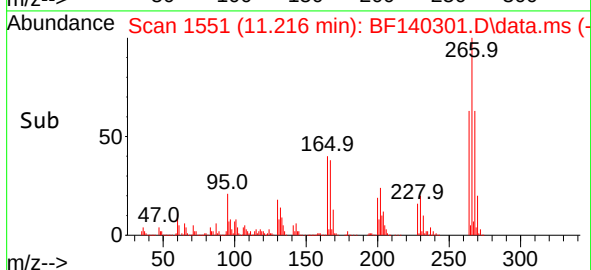
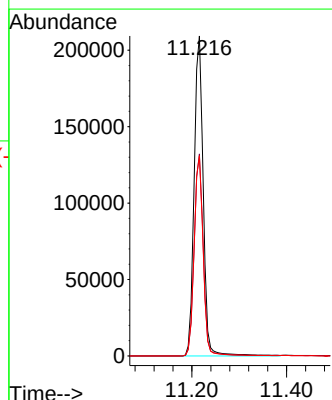
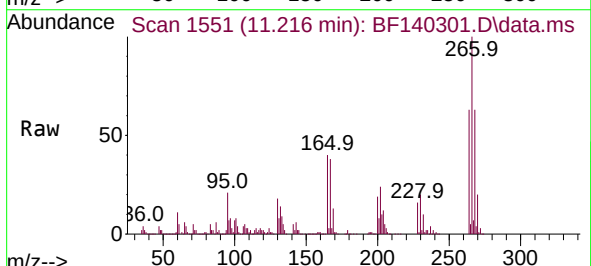
Tgt Ion:266 Resp: 280367

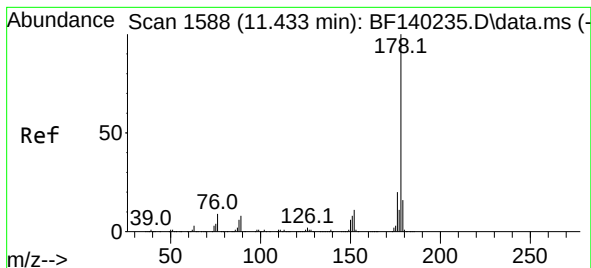
Ion Ratio Lower Upper

266 100

268 63.1 50.2 75.4

264 62.6 52.2 78.4





#71

Phenanthrene

Concen: 54.421 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

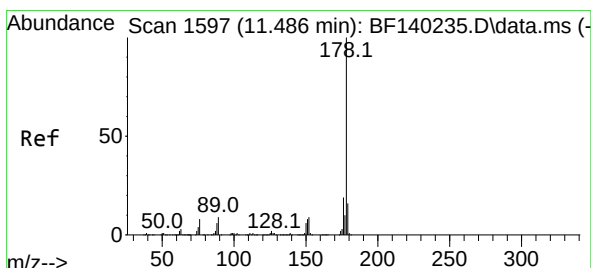
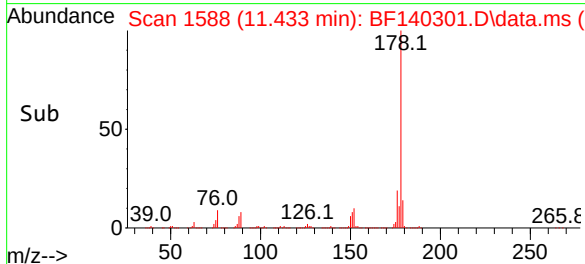
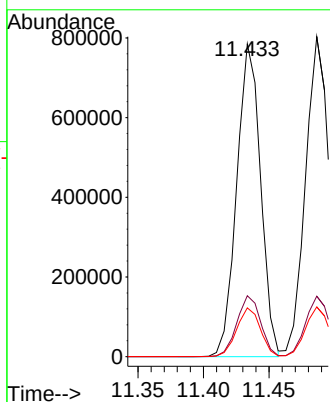
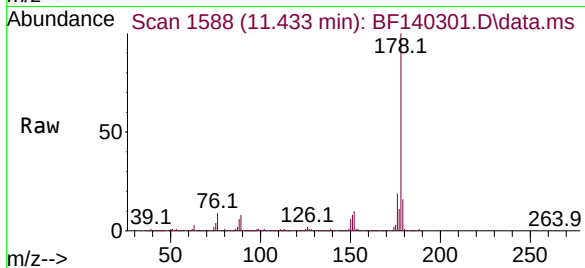
Tgt Ion:178 Resp: 993889

Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.6 12.6 18.8



#72

Anthracene

Concen: 56.507 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

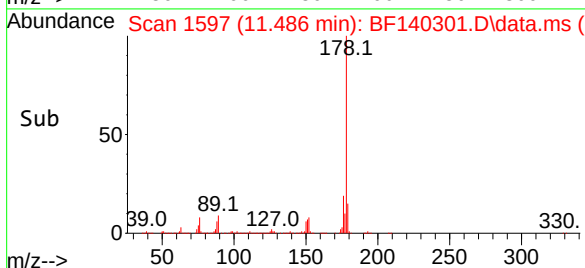
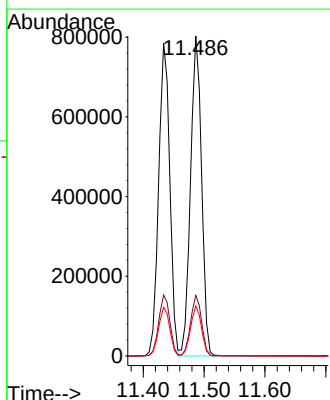
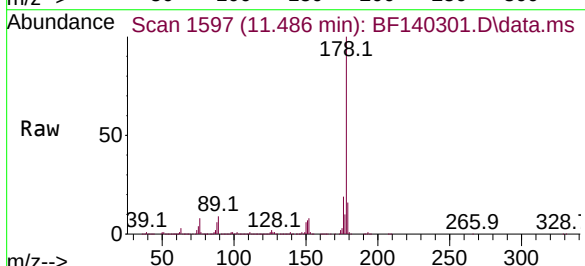
Tgt Ion:178 Resp: 1011935

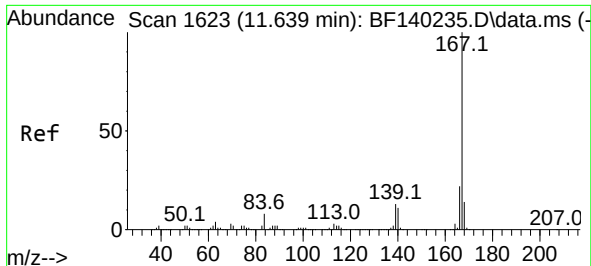
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.0

179 15.5 12.7 19.1

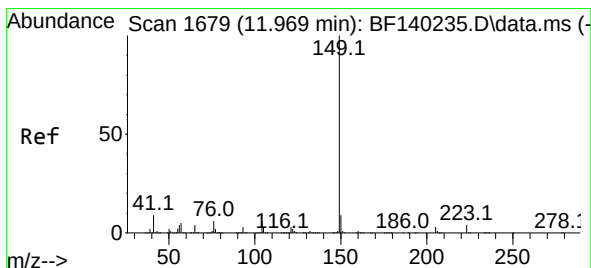
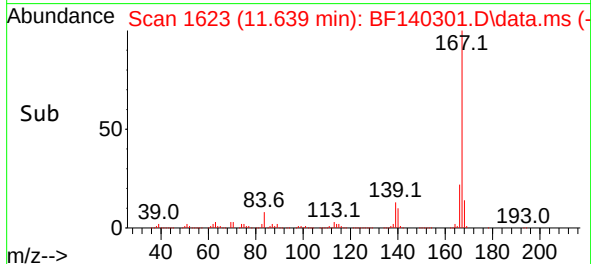
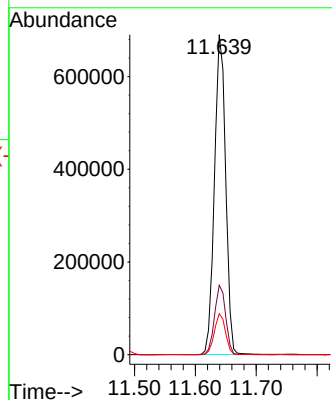
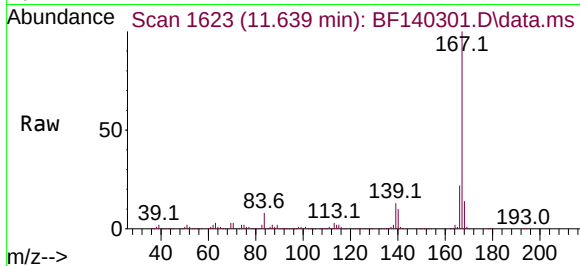




#73
 Carbazole
 Concen: 53.866 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF140301.D
 Acq: 08 Nov 2024 16:17

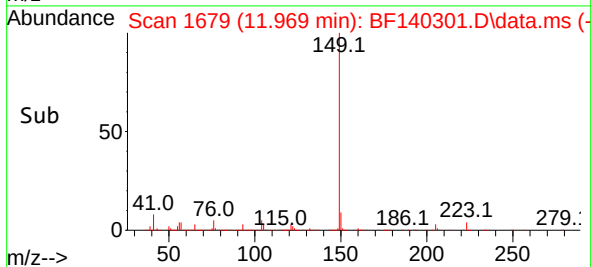
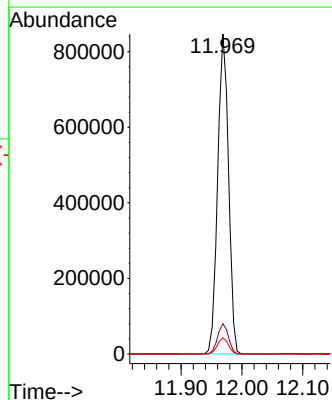
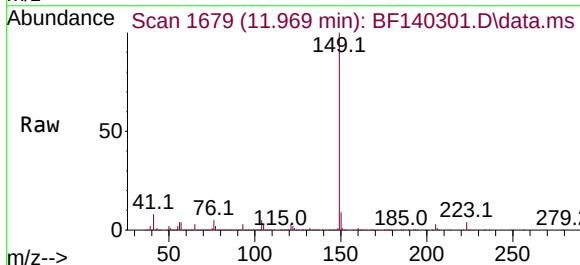
Instrument :
 BNA_F
 ClientSampleId :
 TP2MSD

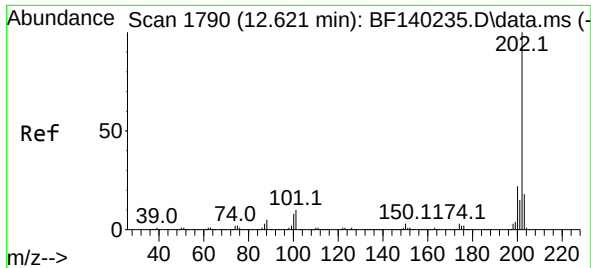
Tgt Ion:167 Resp: 881409
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 12.8 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 54.007 ng
 RT: 11.969 min Scan# 1679
 Delta R.T. 0.000 min
 Lab File: BF140301.D
 Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 1046068
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.5 6.7

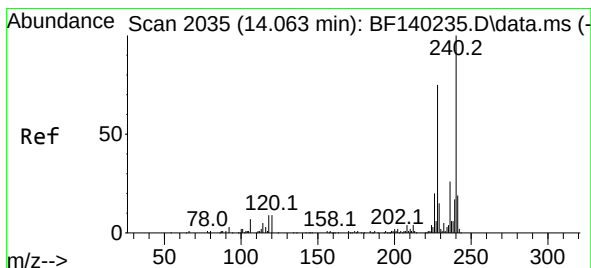
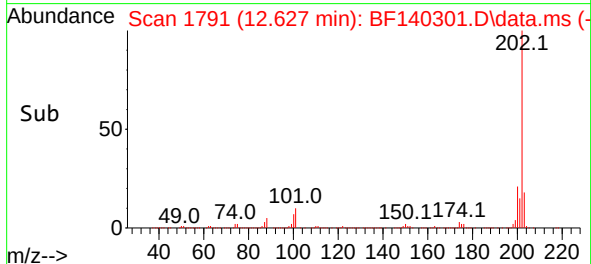
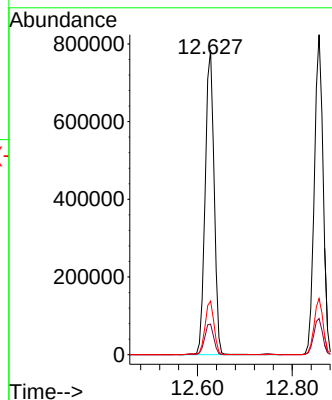
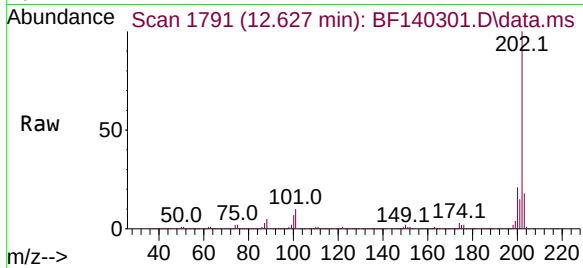




#75
Fluoranthene
Concen: 53.499 ng
RT: 12.627 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

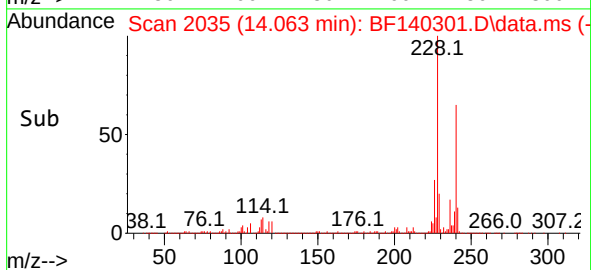
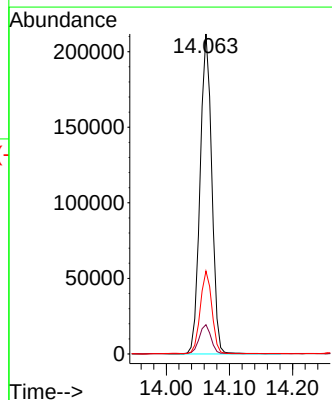
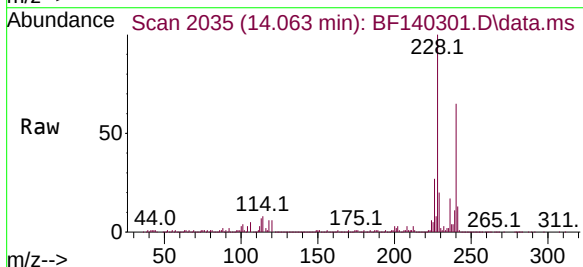
Instrument :
BNA_F
ClientSampleId :
TP2MSD

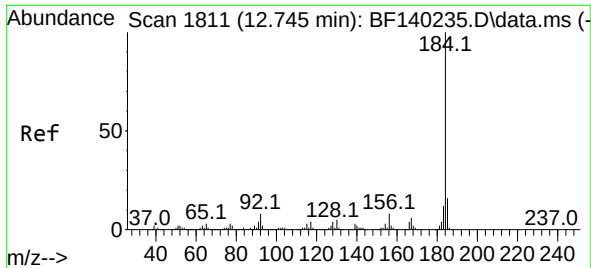
Tgt Ion:202 Resp: 1021638
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:240 Resp: 271857
Ion Ratio Lower Upper
240 100
120 9.2 7.5 11.3
236 25.9 20.9 31.3

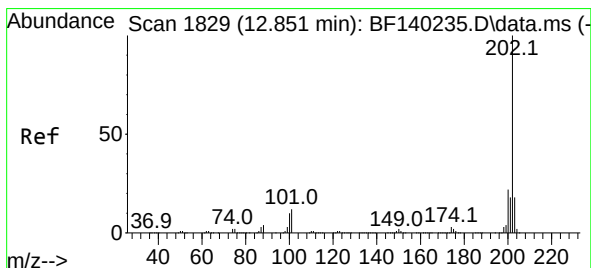
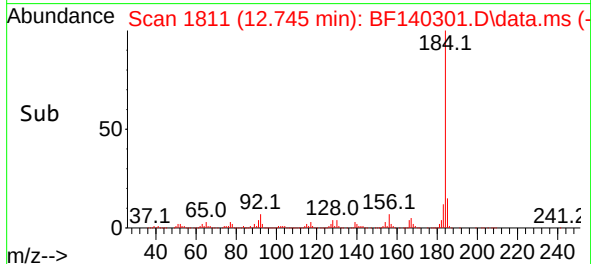
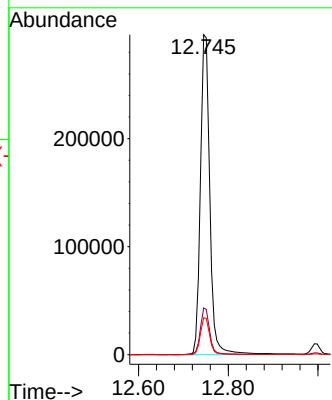
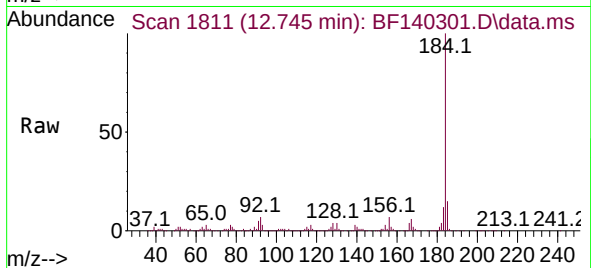




#77
Benzidine
Concen: 81.308 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

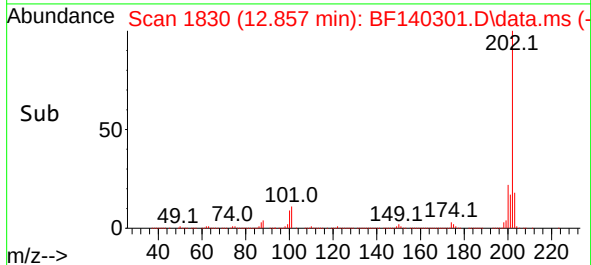
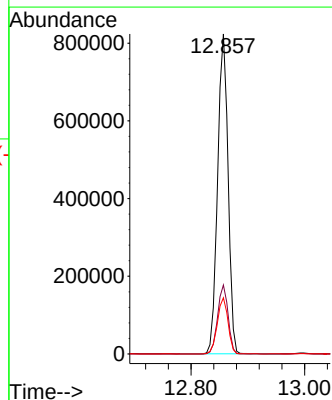
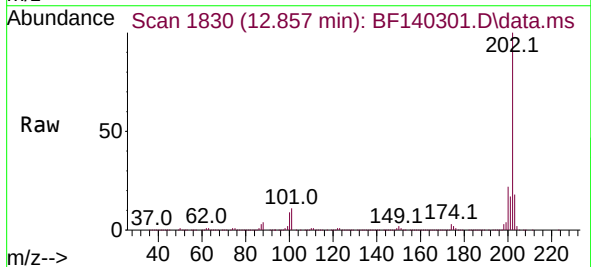
Instrument :
BNA_F
ClientSampleId :
TP2MSD

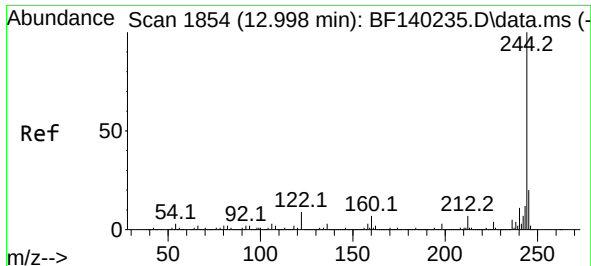
Tgt Ion:184 Resp: 432175
Ion Ratio Lower Upper
184 100
185 14.6 12.5 18.7
183 11.6 9.3 13.9



#78
Pyrene
Concen: 46.936 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:202 Resp: 1053558
Ion Ratio Lower Upper
202 100
200 21.6 17.5 26.3
203 17.6 14.4 21.6

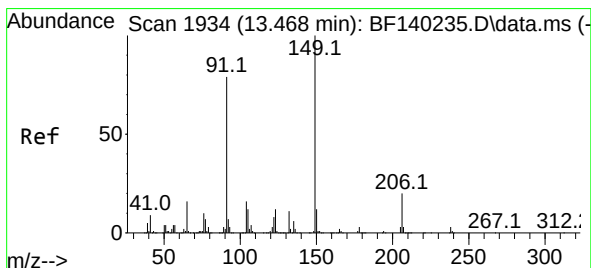
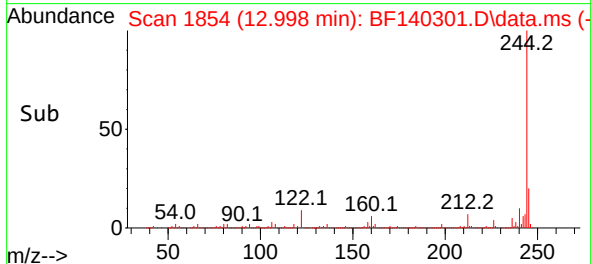
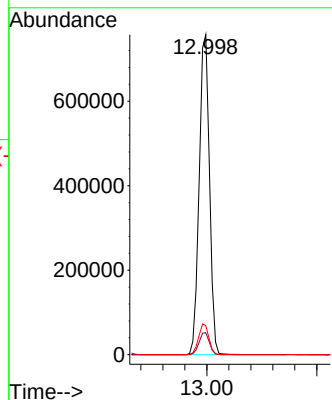
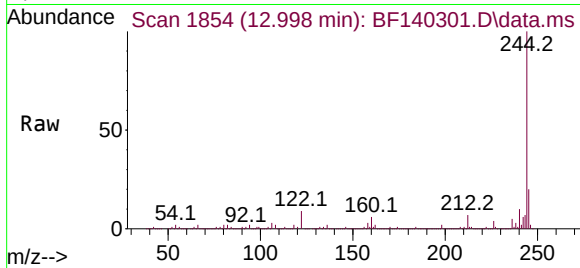




#79
 Terphenyl-d14
 Concen: 59.485 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140301.D
 Acq: 08 Nov 2024 16:17

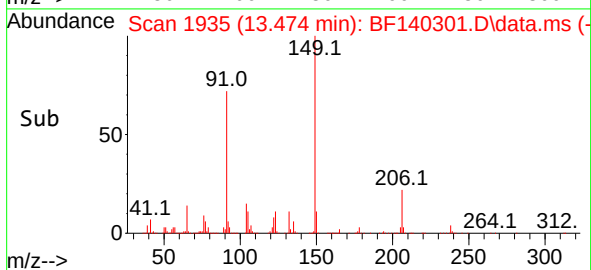
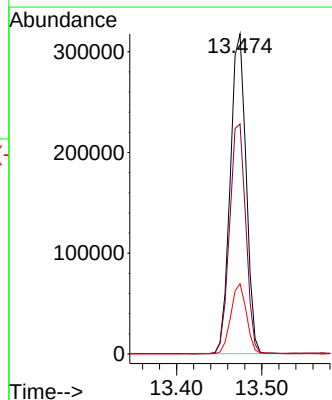
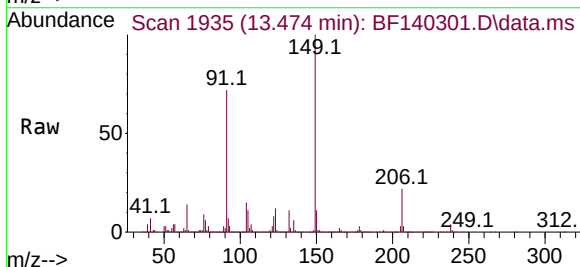
Instrument :
 BNA_F
 ClientSampleId :
 TP2MSD

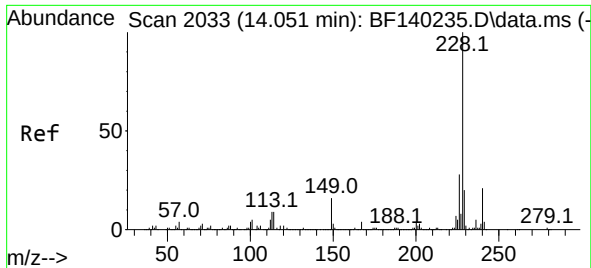
Tgt Ion:244 Resp: 987187
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.1 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 50.687 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.006 min
 Lab File: BF140301.D
 Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 409683
 Ion Ratio Lower Upper
 149 100
 91 71.8 63.0 94.4
 206 21.9 16.4 24.6

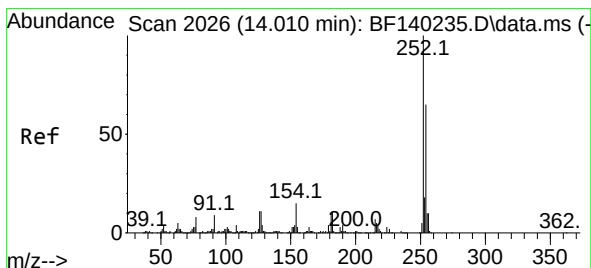
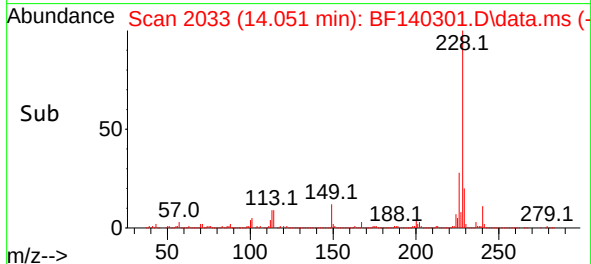
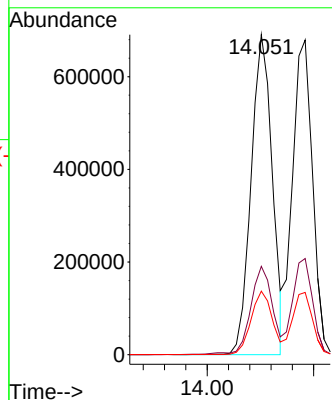
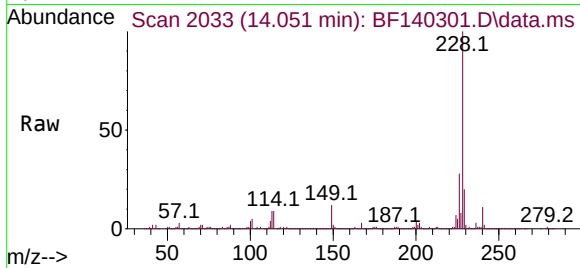




#81
Benzo(a)anthracene
Concen: 54.651 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

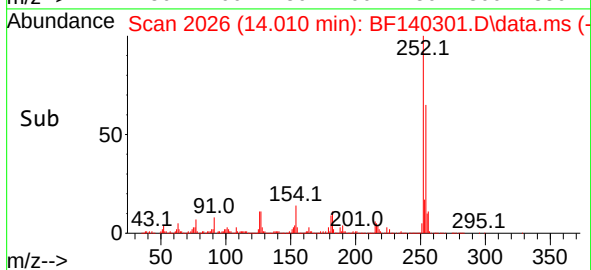
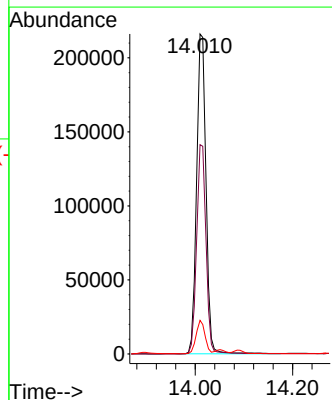
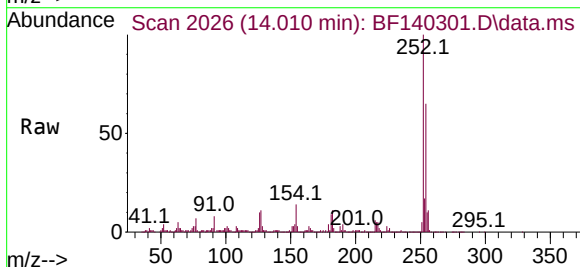
Instrument :
BNA_F
ClientSampleId :
TP2MSD

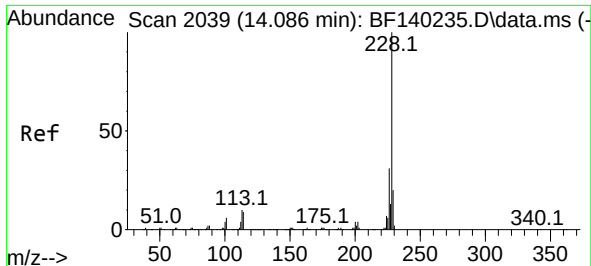
Tgt Ion:228 Resp: 953468
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 53.053 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:252 Resp: 290667
Ion Ratio Lower Upper
252 100
254 65.4 51.8 77.8
126 10.5 8.6 12.8

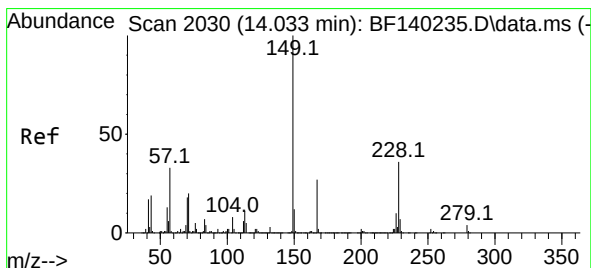
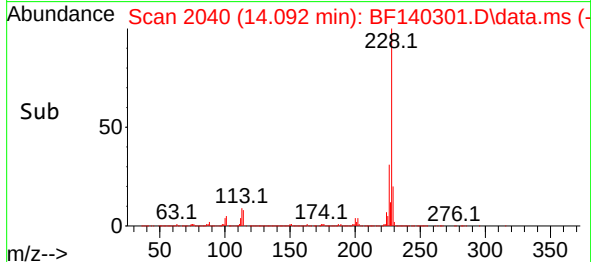
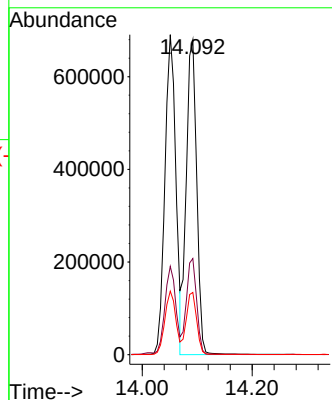
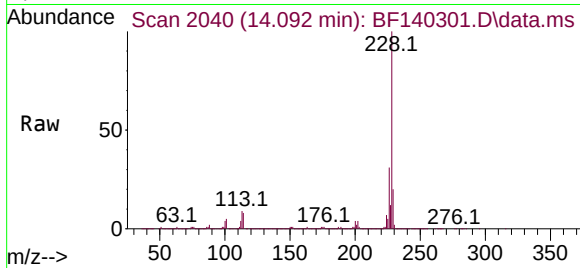




#83
Chrysene
Concen: 54.742 ng
RT: 14.092 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

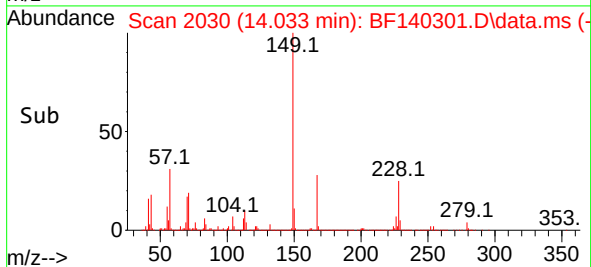
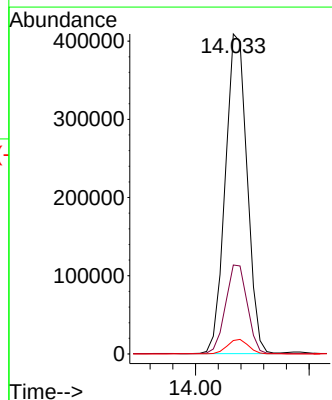
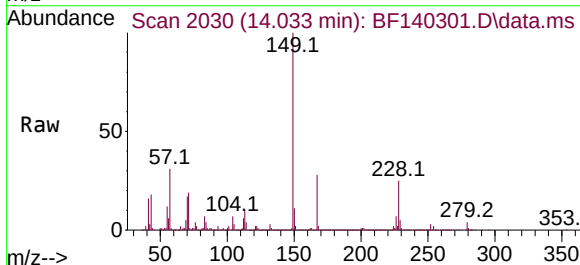
Instrument :
BNA_F
ClientSampleId :
TP2MSD

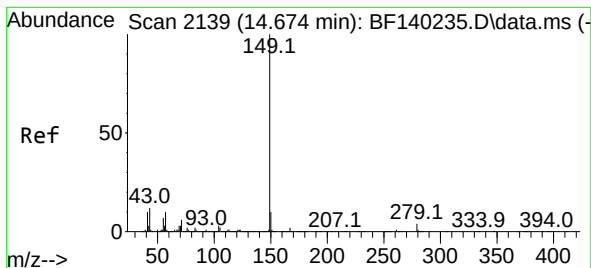
Tgt Ion:228 Resp: 894365
Ion Ratio Lower Upper
228 100
226 30.6 24.6 36.8
229 19.8 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.036 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140301.D
Acq: 08 Nov 2024 16:17

Tgt Ion:149 Resp: 544158
Ion Ratio Lower Upper
149 100
167 27.8 21.8 32.8
279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.378 ng

RT: 14.668 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

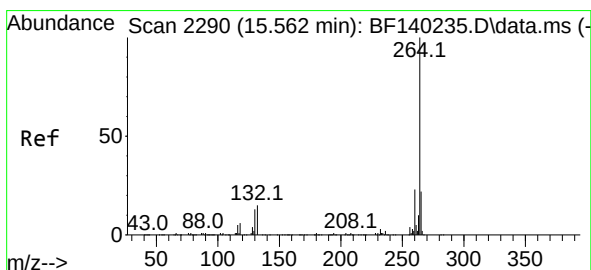
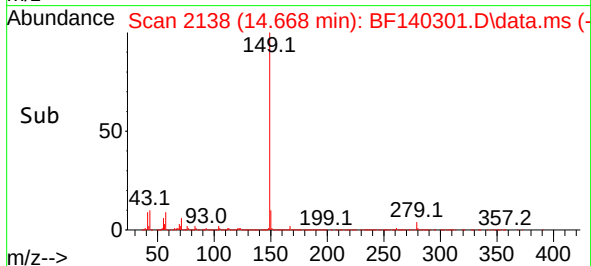
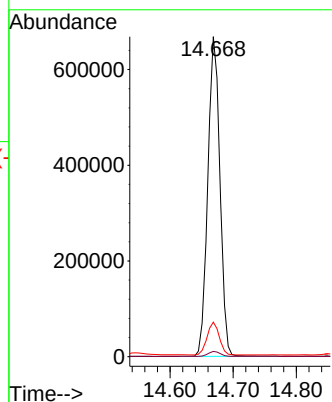
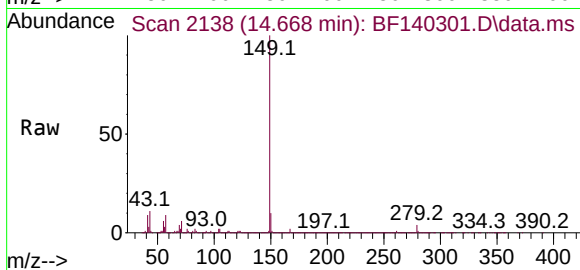
Tgt Ion:149 Resp: 893074

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.2 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.006 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

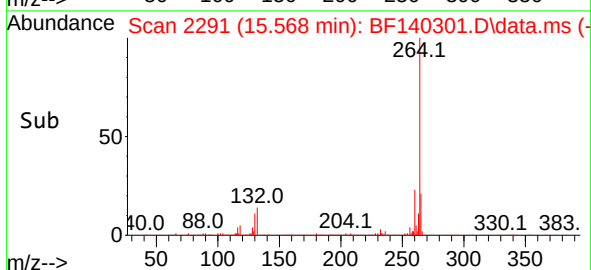
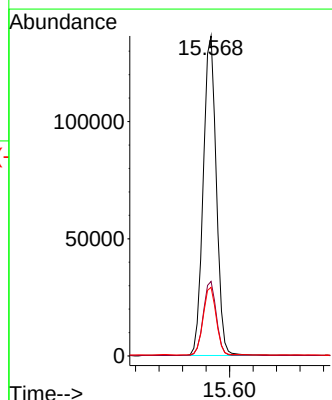
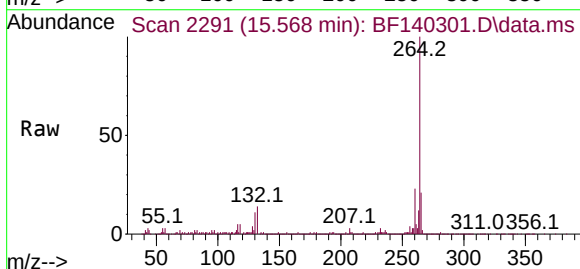
Tgt Ion:264 Resp: 209874

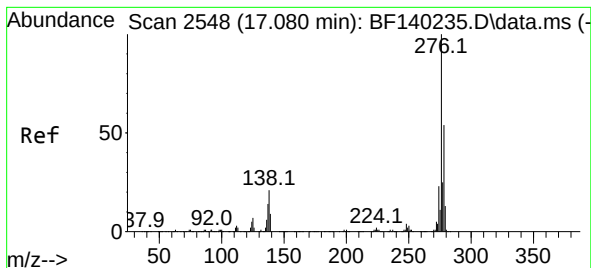
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.4 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.343 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

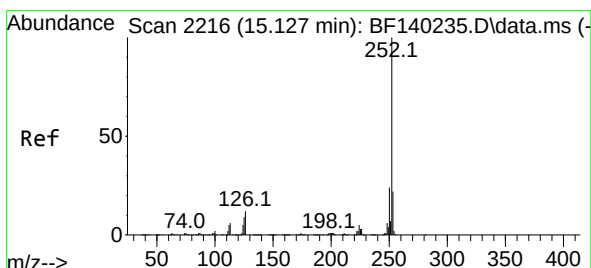
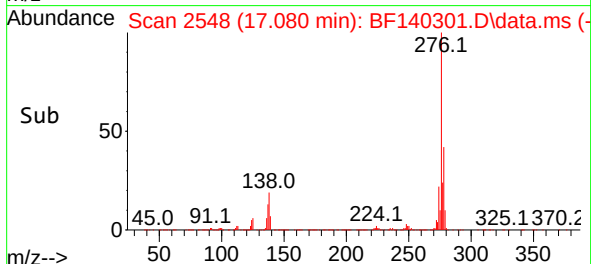
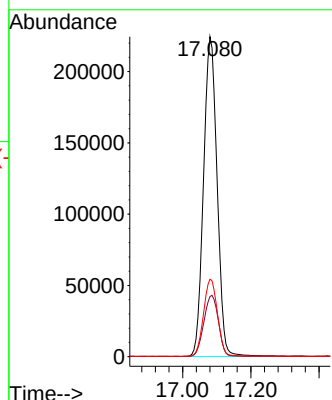
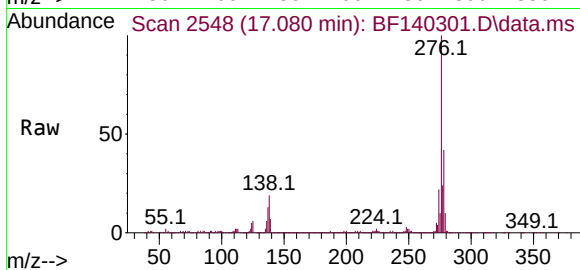
Tgt Ion:276 Resp: 620206

Ion Ratio Lower Upper

276 100

138 20.6 17.6 26.4

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 61.816 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

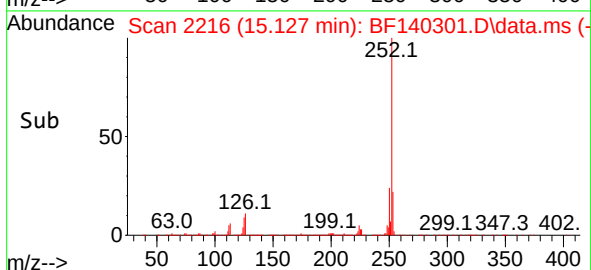
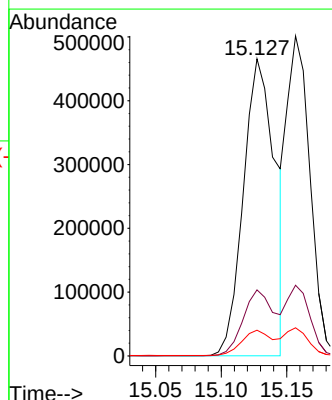
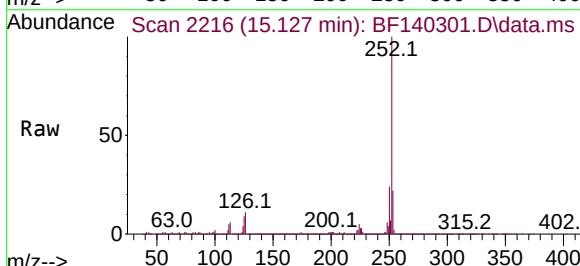
Tgt Ion:252 Resp: 784745

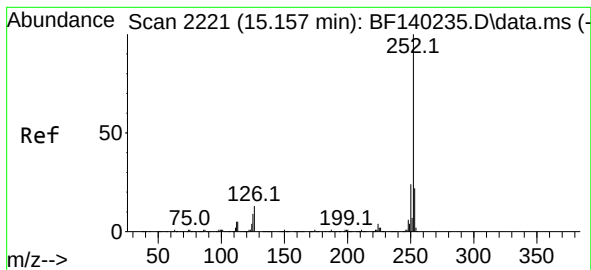
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.7 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 53.400 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

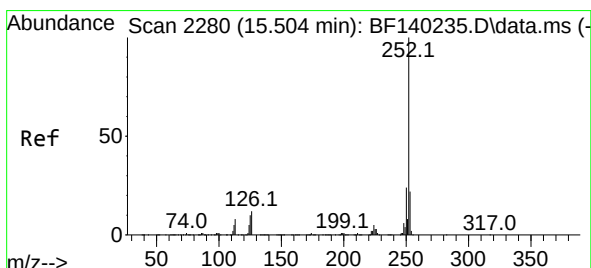
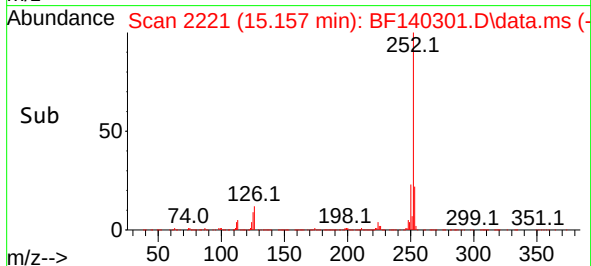
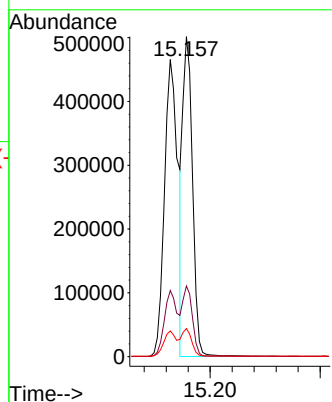
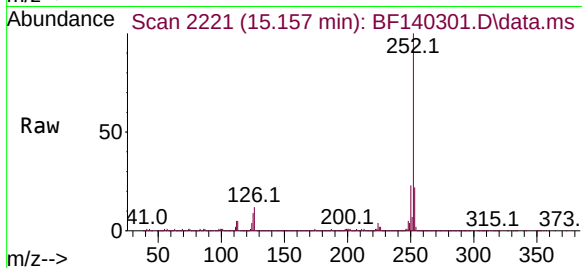
Tgt Ion:252 Resp: 622046

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 8.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 59.195 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

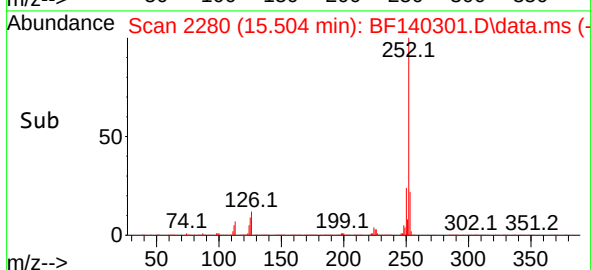
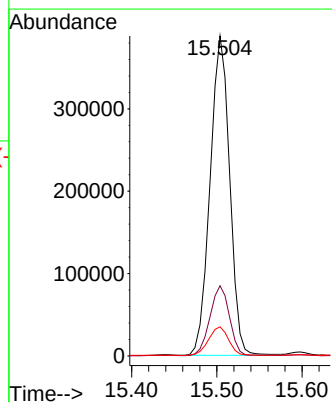
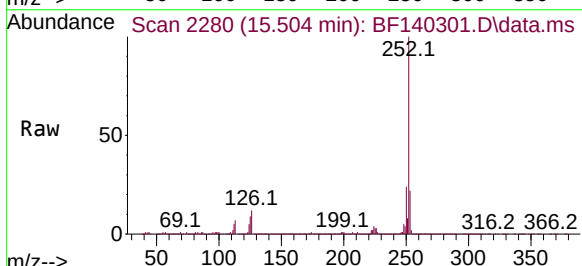
Tgt Ion:252 Resp: 619573

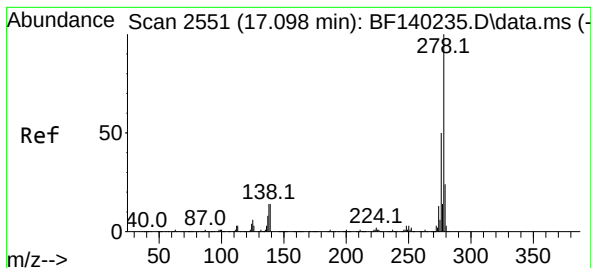
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.1 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 50.062 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Instrument :

BNA_F

ClientSampleId :

TP2MSD

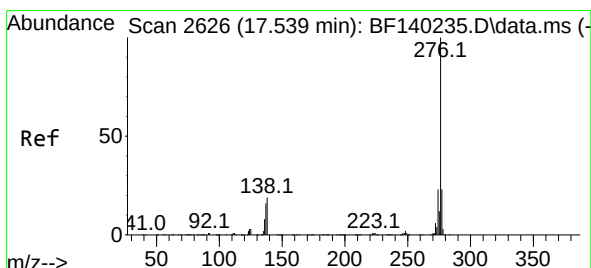
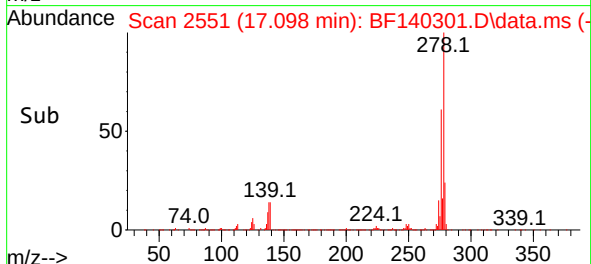
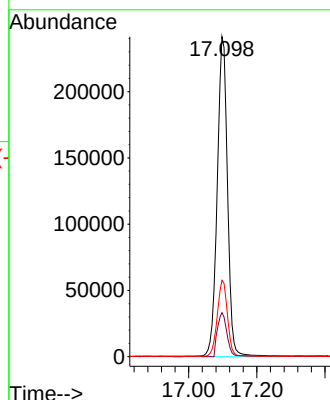
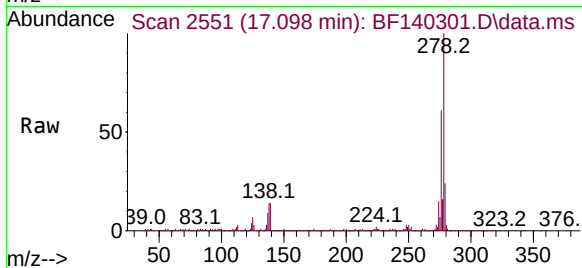
Tgt Ion:278 Resp: 507411

Ion Ratio Lower Upper

278 100

139 13.7 11.1 16.7

279 23.8 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.762 ng

RT: 17.539 min Scan# 2626

Delta R.T. 0.000 min

Lab File: BF140301.D

Acq: 08 Nov 2024 16:17

Tgt Ion:276 Resp: 462817

Ion Ratio Lower Upper

276 100

277 23.1 18.8 28.2

138 18.1 15.3 22.9

