

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140263.D
 Acq On : 07 Nov 2024 09:54
 Operator : RC/JU
 Sample : PB164702BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164702BS

Quant Time: Nov 07 10:52:37 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	189444	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	717811	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	420554	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	766202	20.000	ng	0.00
76) Chrysene-d12	14.063	240	449132	20.000	ng	0.00
86) Perylene-d12	15.563	264	405153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1426156	124.757	ng	0.02
7) Phenol-d6	6.510	99	1800482	122.451	ng	0.00
23) Nitrobenzene-d5	7.440	82	1248338	86.465	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	619126	148.937	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2276371	86.432	ng	0.00
79) Terphenyl-d14	12.998	244	2666837	97.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	191062	36.354	ng	96
3) Pyridine	3.534	79	507430	39.569	ng	97
4) n-Nitrosodimethylamine	3.499	42	315837	42.659	ng	94
6) Aniline	6.540	93	549976	41.400	ng	92
8) 2-Chlorophenol	6.663	128	579870	48.480	ng	96
9) Benzaldehyde	6.428	77	90855	10.031	ng	98
10) Phenol	6.522	94	720155	46.116	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	560314	47.232	ng	98
12) 1,3-Dichlorobenzene	6.822	146	614397	43.834	ng	99
13) 1,4-Dichlorobenzene	6.898	146	622631	44.044	ng	99
14) 1,2-Dichlorobenzene	7.045	146	601259	45.539	ng	98
15) Benzyl Alcohol	7.022	79	543802	47.976	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	887765	46.232	ng	98
17) 2-Methylphenol	7.128	107	480306	48.138	ng	99
18) Hexachloroethane	7.387	117	236125	44.841	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	430219	45.864	ng	97
20) 3+4-Methylphenols	7.281	107	572150	45.658	ng	97
22) Acetophenone	7.287	105	795861	44.719	ng	98
24) Nitrobenzene	7.463	77	643626	42.486	ng	96
25) Isophorone	7.698	82	1172258	47.155	ng	99
26) 2-Nitrophenol	7.775	139	299675	49.729	ng	97
27) 2,4-Dimethylphenol	7.810	122	469544	57.274	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	692092	46.522	ng	100
29) 2,4-Dichlorophenol	8.016	162	485573	47.877	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	537498	44.226	ng	99
31) Naphthalene	8.181	128	1666815	44.968	ng	100
32) Benzoic acid	7.934	122	311120	46.242	ng	95
33) 4-Chloroaniline	8.228	127	268542	22.007	ng	97
34) Hexachlorobutadiene	8.298	225	366012	44.493	ng	99
35) Caprolactam	8.610	113	82511	26.743	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	543474	48.128	ng	98
37) 2-Methylnaphthalene	8.869	142	1128015	46.629	ng	99
38) 1-Methylnaphthalene	8.969	142	1036798	43.726	ng	98
40) 1,2,4,5-Tetrachloroben...	9.039	216	563138	45.740	ng	99
41) Hexachlorocyclopentadiene	9.022	237	678408	196.644	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	384966	50.458	ng	99

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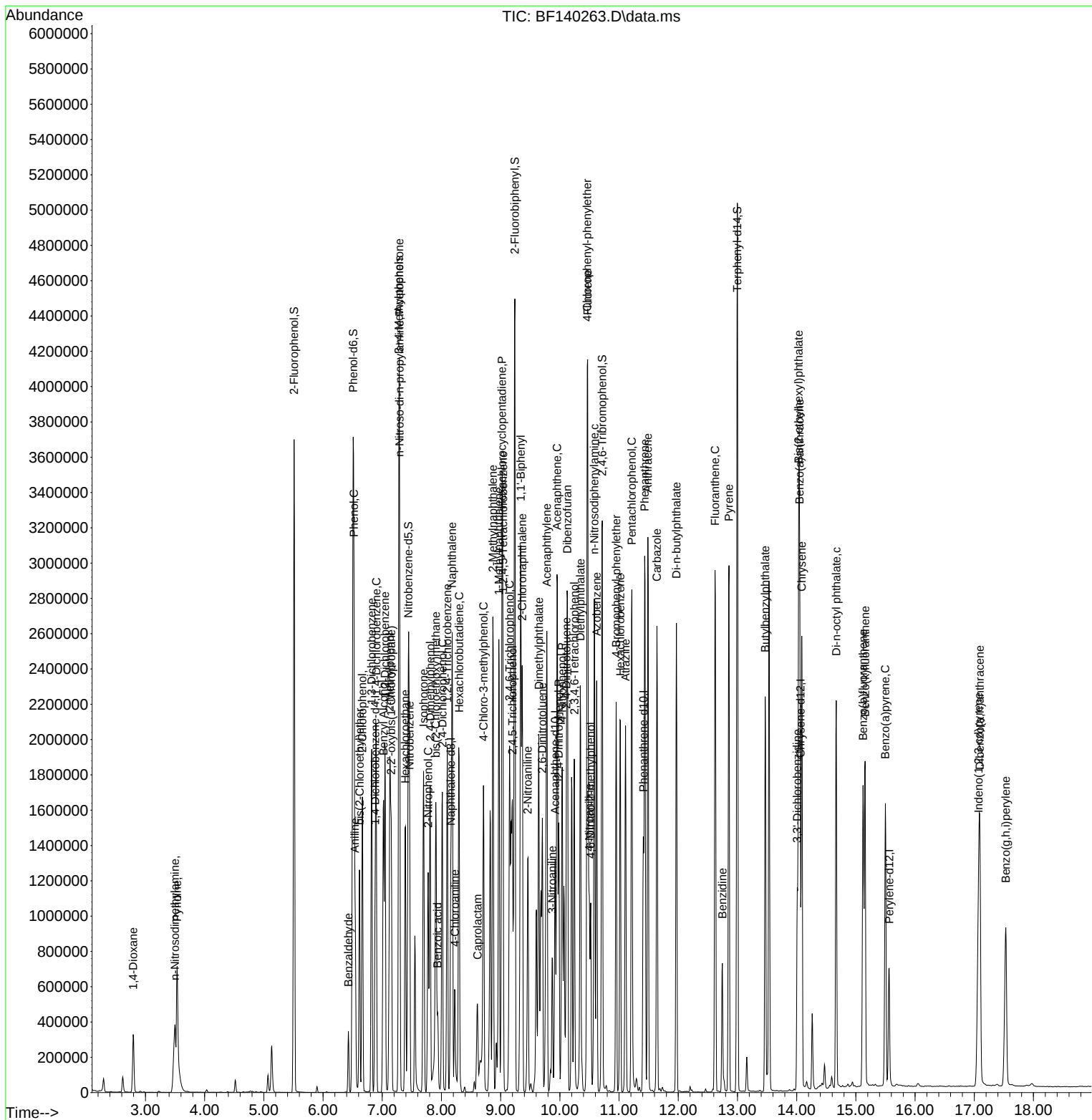
Instrument :
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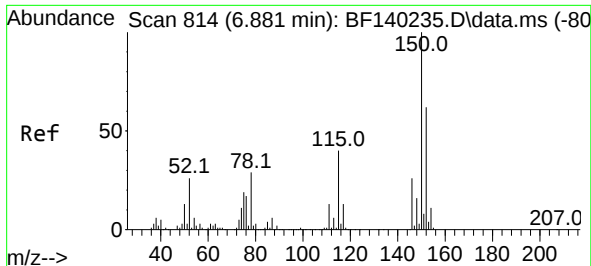
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	370500	46.186	ng	98
46) 1,1'-Biphenyl	9.339	154	1389319	45.704	ng	99
47) 2-Chloronaphthalene	9.363	162	1025026	44.802	ng	100
48) 2-Nitroaniline	9.457	65	358420	46.843	ng	98
49) Acenaphthylene	9.781	152	1595286	49.250	ng	99
50) Dimethylphthalate	9.645	163	1253758	48.407	ng	99
51) 2,6-Dinitrotoluene	9.704	165	284382	46.711	ng	98
52) Acenaphthene	9.951	154	1192905	51.921	ng	98
53) 3-Nitroaniline	9.875	138	165199	28.817	ng	96
54) 2,4-Dinitrophenol	9.981	184	279366	92.468	ng	91
55) Dibenzofuran	10.128	168	1496819	46.590	ng	100
56) 4-Nitrophenol	10.039	139	424764	105.381	ng	97
57) 2,4-Dinitrotoluene	10.110	165	385755	48.828	ng	98
58) Fluorene	10.469	166	1163758	45.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	339556	51.670	ng	97
60) Diethylphthalate	10.345	149	1235348	47.997	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	589156	45.711	ng	97
62) 4-Nitroaniline	10.498	138	266296	46.745	ng	95
63) Azobenzene	10.622	77	1218001	45.651	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	204242	50.754	ng	95
66) n-Nitrosodiphenylamine	10.581	169	1037989	47.101	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	389977	47.266	ng	98
68) Hexachlorobenzene	11.022	284	438918	46.670	ng	95
69) Atrazine	11.110	200	381716	63.311	ng	98
70) Pentachlorophenol	11.216	266	503578	99.717	ng	99
71) Phenanthrene	11.433	178	1726671	47.221	ng	100
72) Anthracene	11.486	178	1737994	48.472	ng	100
73) Carbazole	11.639	167	1521462	46.440	ng	100
74) Di-n-butylphthalate	11.969	149	1867096	48.145	ng	99
75) Fluoranthene	12.622	202	1788878	46.787	ng	99
77) Benzidine	12.745	184	403658	45.968	ng	99
78) Pyrene	12.857	202	1800007	48.539	ng	100
80) Butylbenzylphthalate	13.469	149	711541	53.286	ng	99
81) Benzo(a)anthracene	14.051	228	1419222	49.239	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	329931	36.451	ng	98
83) Chrysene	14.086	228	1292706	47.893	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	955248	51.041	ng	99
85) Di-n-octyl phthalate	14.669	149	1485254	52.726	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	1200098	50.462	ng	99
88) Benzo(b)fluoranthene	15.121	252	1231890	50.267	ng	100
89) Benzo(k)fluoranthene	15.157	252	1064300	47.328	ng	99
90) Benzo(a)pyrene	15.498	252	1057870	52.355	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	967859	49.465	ng	100
92) Benzo(g,h,i)perylene	17.533	276	899180	45.049	ng	99

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

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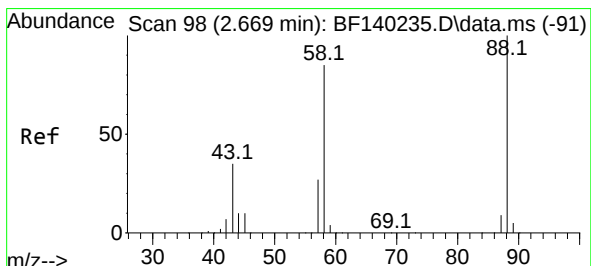
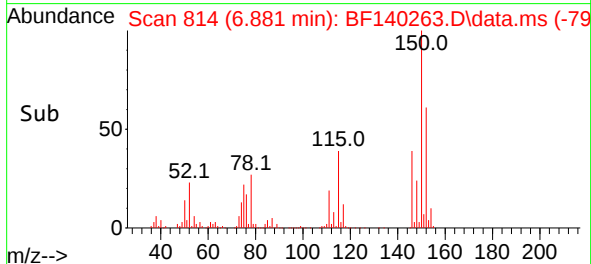
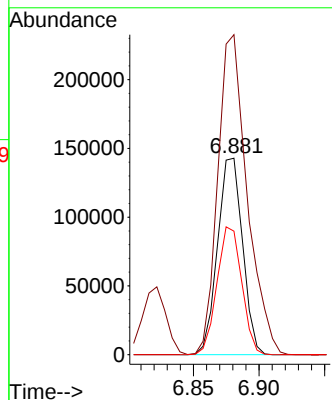
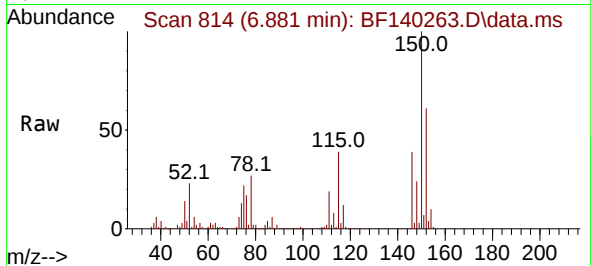




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

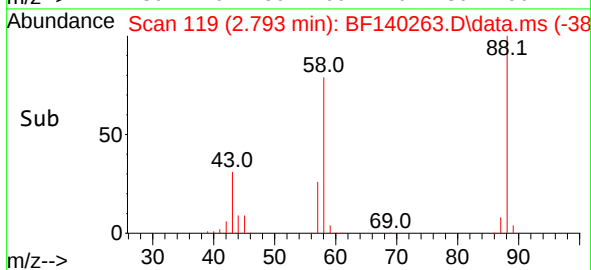
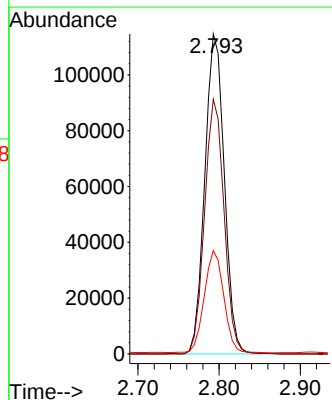
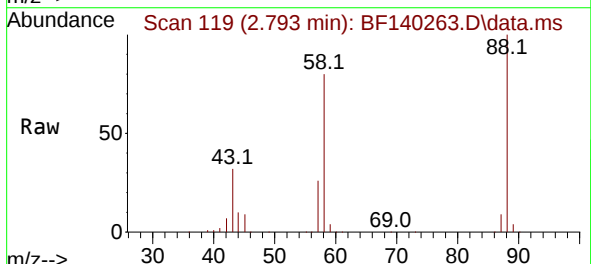
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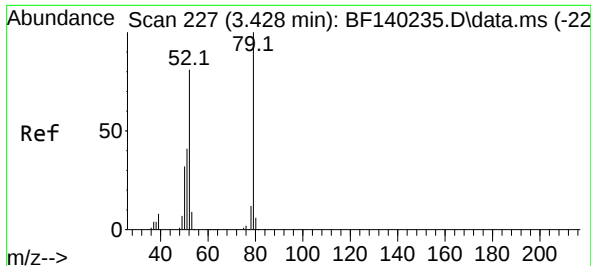
Tgt Ion:152 Resp: 189444
Ion Ratio Lower Upper
152 100
150 162.8 129.4 194.2
115 62.9 51.5 77.3



#2
1,4-Dioxane
Concen: 36.354 ng
RT: 2.793 min Scan# 119
Delta R.T. 0.124 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 88 Resp: 191062
Ion Ratio Lower Upper
88 100
58 79.8 66.7 100.1
43 31.9 27.8 41.8





#3

Pyridine

Concen: 39.569 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

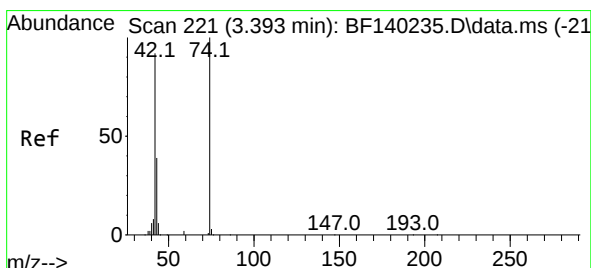
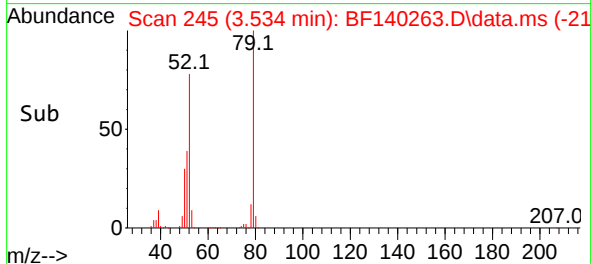
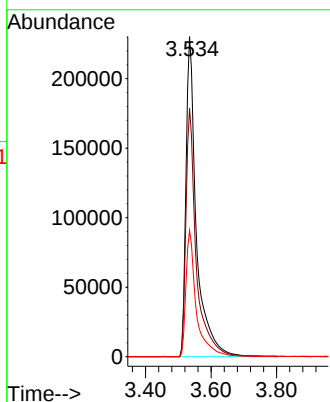
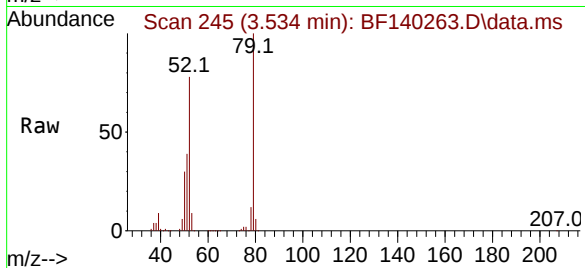
Tgt Ion: 79 Resp: 507430

Ion Ratio Lower Upper

79 100

52 77.6 64.6 97.0

51 39.5 32.5 48.7



#4

n-Nitrosodimethylamine

Concen: 42.659 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.106 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

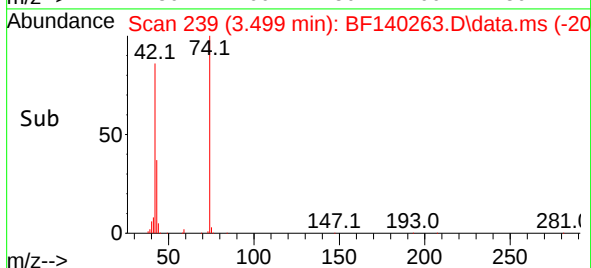
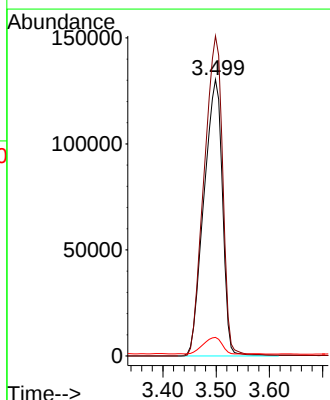
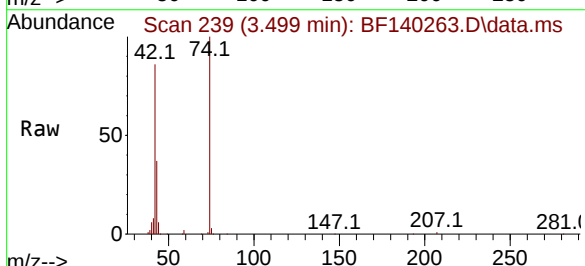
Tgt Ion: 42 Resp: 315837

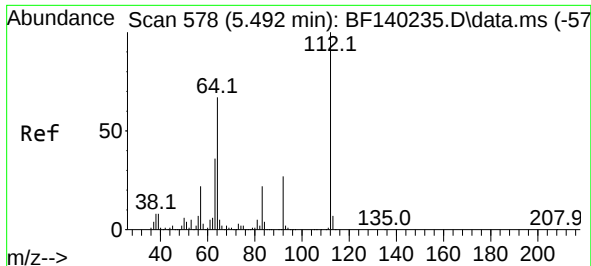
Ion Ratio Lower Upper

42 100

74 115.7 86.9 130.3

44 6.7 5.0 7.6

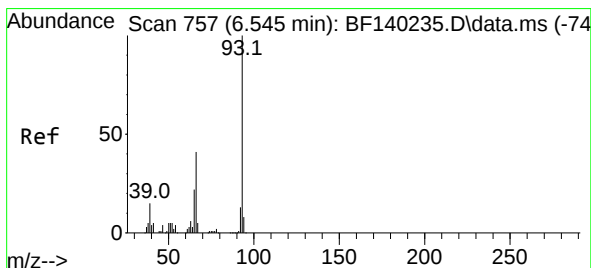
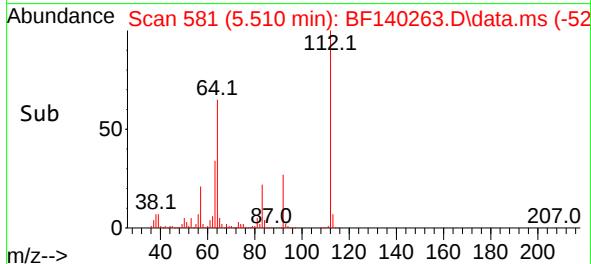
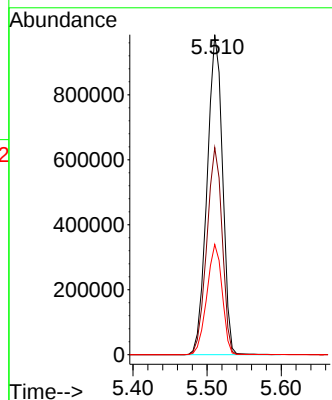
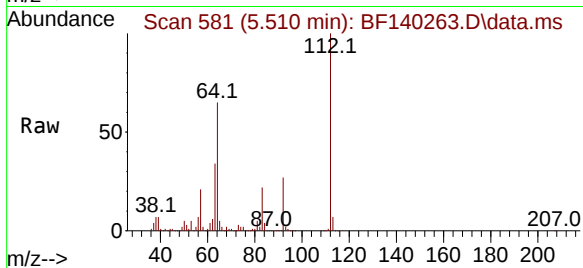




#5
2-Fluorophenol
Concen: 124.757 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

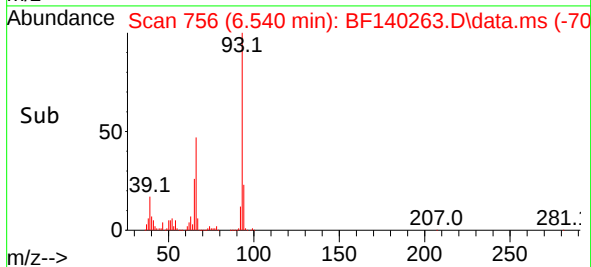
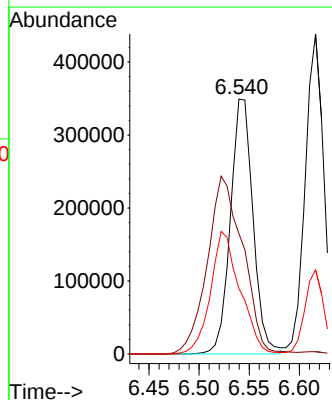
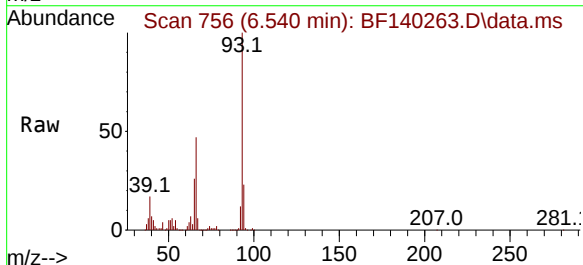
Instrument :
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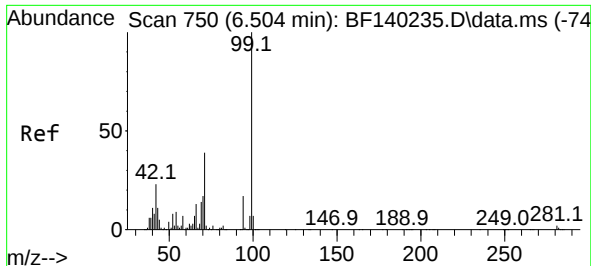
Tgt Ion:112 Resp: 1426156
Ion Ratio Lower Upper
112 100
64 64.7 53.4 80.2
63 34.5 28.9 43.3



#6
Aniline
Concen: 41.400 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 93 Resp: 549976
Ion Ratio Lower Upper
93 100
66 47.2 33.6 50.4
65 25.7 17.5 26.3





#7

Phenol-d6

Concen: 122.451 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

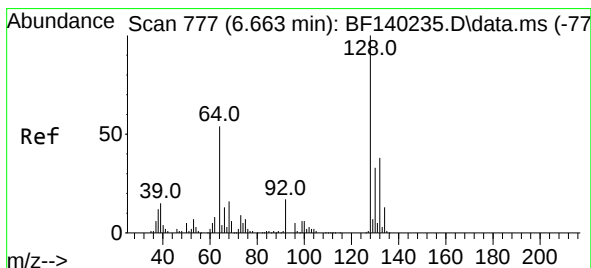
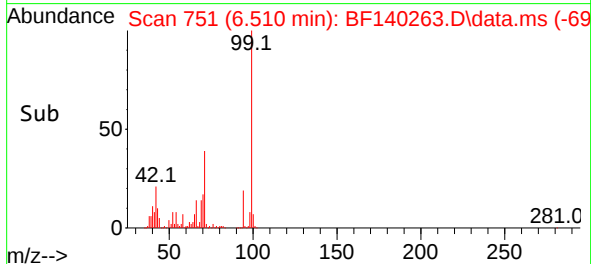
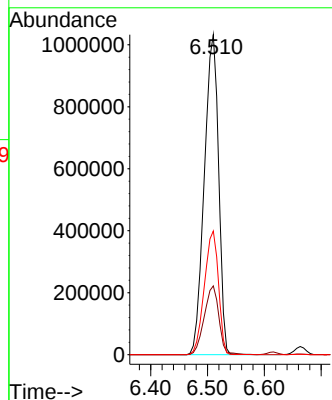
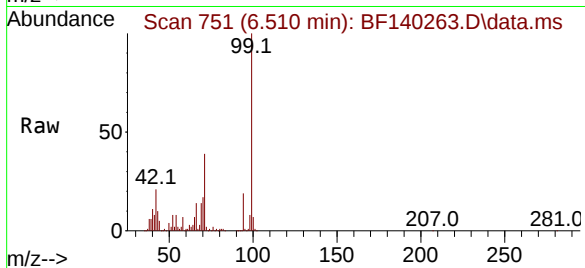
Tgt Ion: 99 Resp: 1800482

Ion Ratio Lower Upper

99 100

42 21.5 18.2 27.2

71 38.7 30.9 46.3



#8

2-Chlorophenol

Concen: 48.480 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

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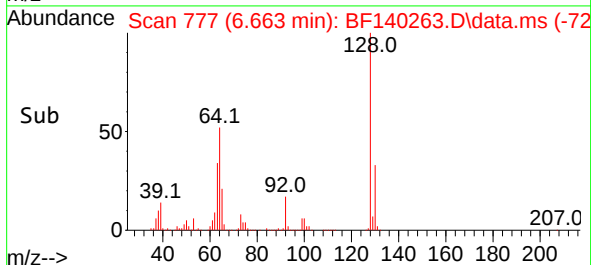
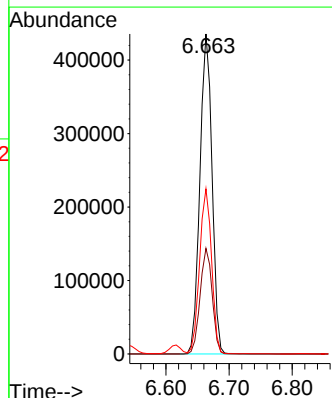
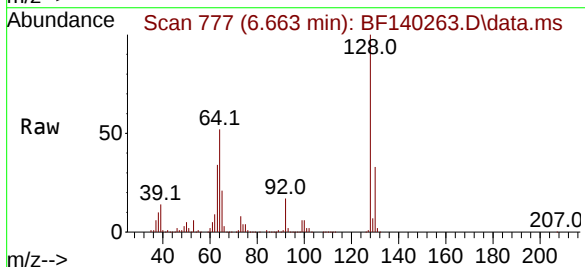
Tgt Ion:128 Resp: 579870

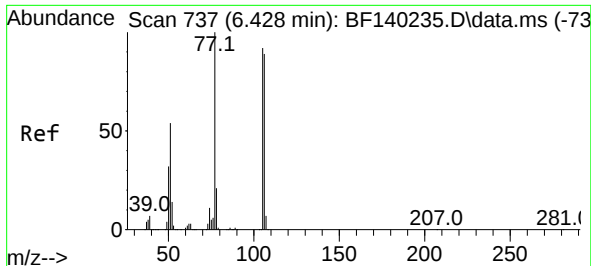
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 51.6 36.3 76.3

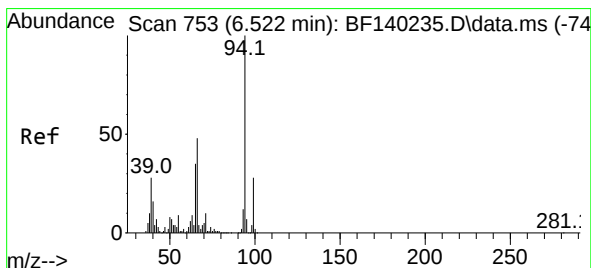
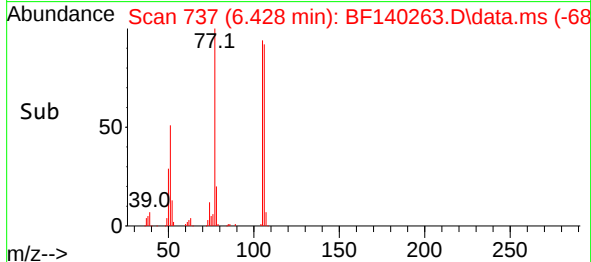
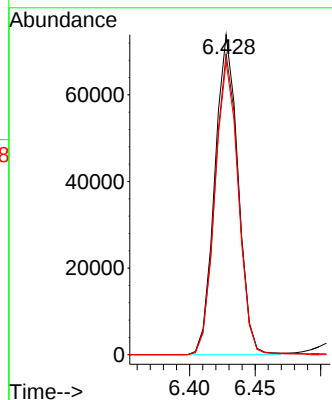
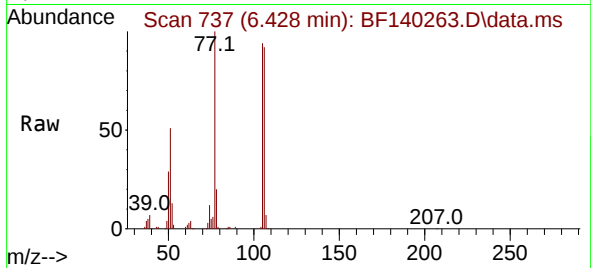




#9
Benzaldehyde
Concen: 10.031 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

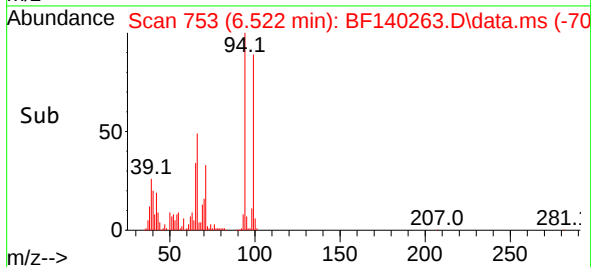
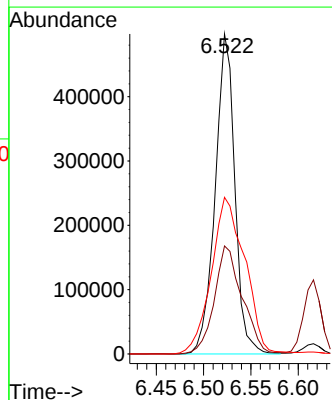
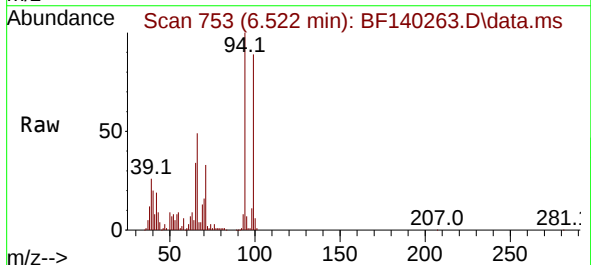
Instrument :
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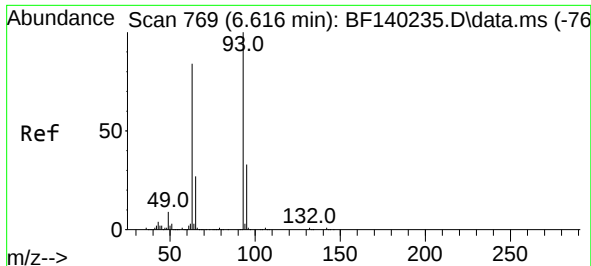
Tgt Ion: 77 Resp: 90855
Ion Ratio Lower Upper
77 100
105 93.9 72.1 112.1
106 91.6 68.8 108.8



#10
Phenol
Concen: 46.116 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 94 Resp: 720155
Ion Ratio Lower Upper
94 100
65 33.8 15.1 55.1
66 49.0 28.8 68.8

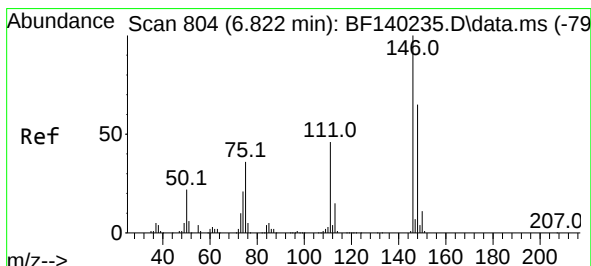
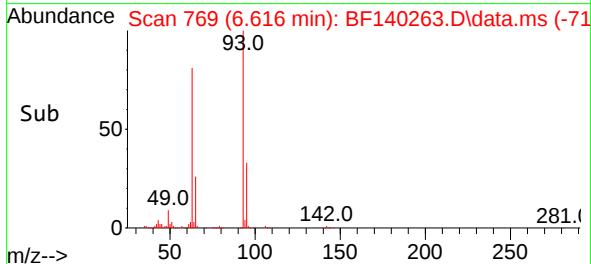
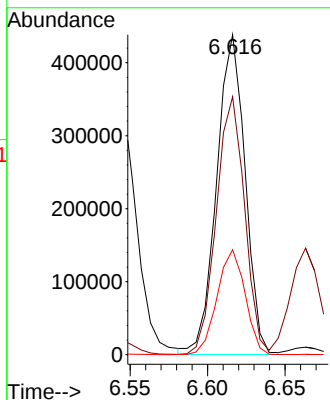
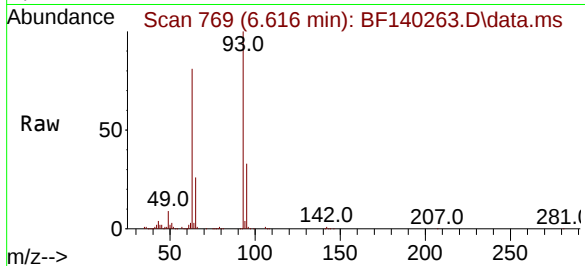




#11
bis(2-Chloroethyl)ether
Concen: 47.232 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

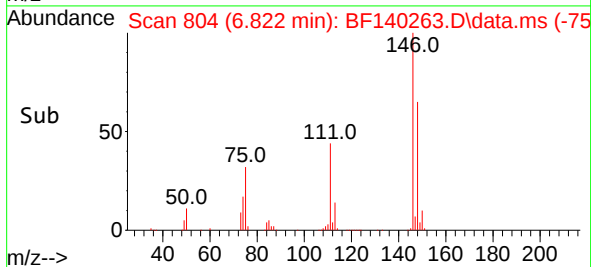
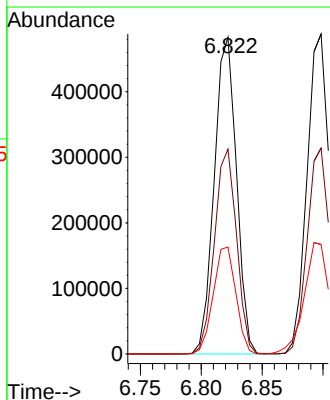
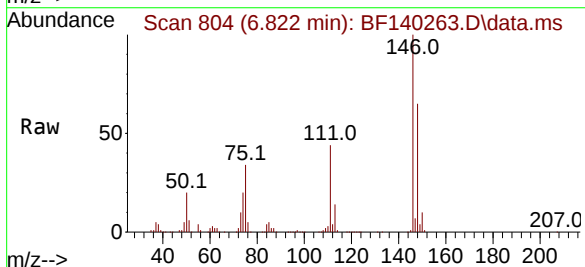
Instrument :
BNA_F
ClientSampleId :
PB164702BS

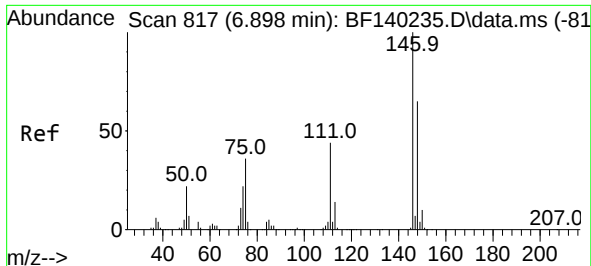
Tgt Ion: 93 Resp: 560314
Ion Ratio Lower Upper
93 100
63 80.6 63.6 103.6
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 43.834 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 146 Resp: 614397
Ion Ratio Lower Upper
146 100
148 64.7 51.7 77.5
75 33.7 28.4 42.6

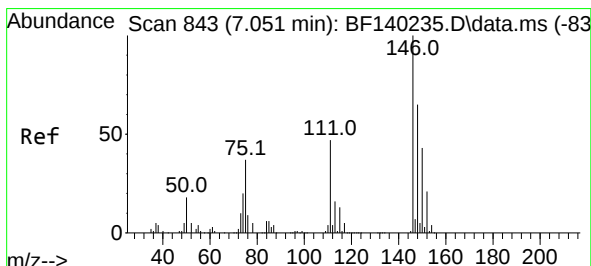
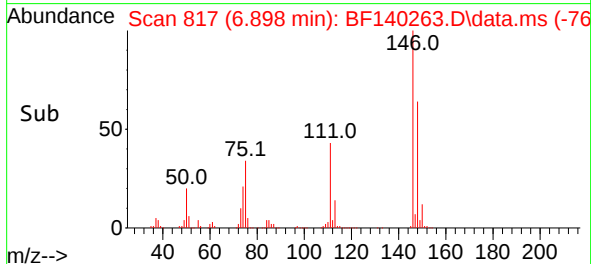
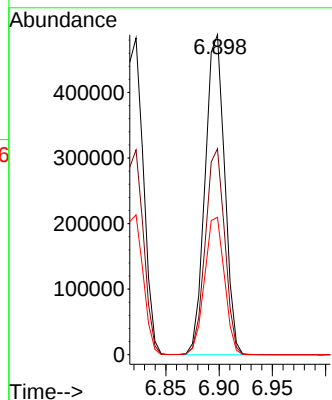
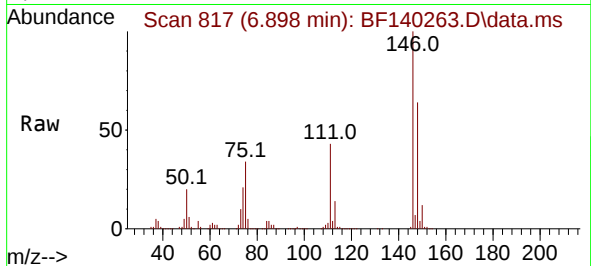




#13
1,4-Dichlorobenzene
Concen: 44.044 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

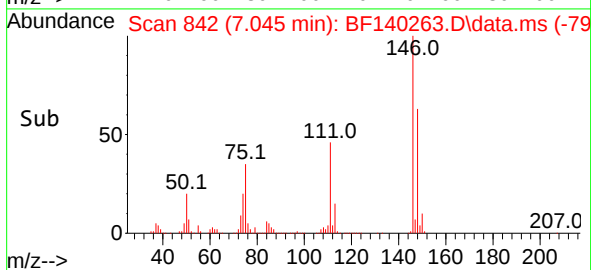
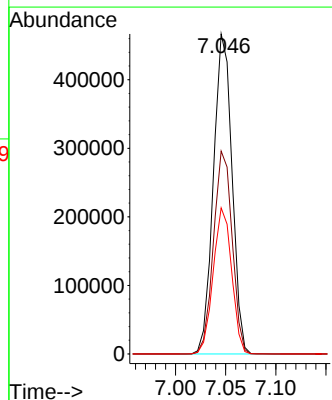
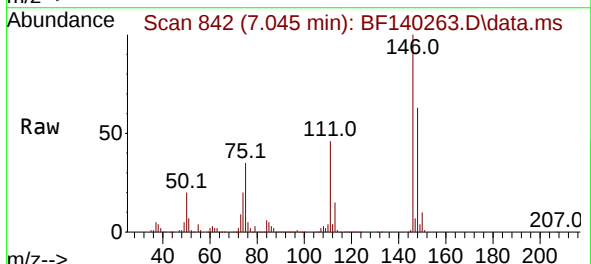
Instrument :
BNA_F
ClientSampleId :
PB164702BS

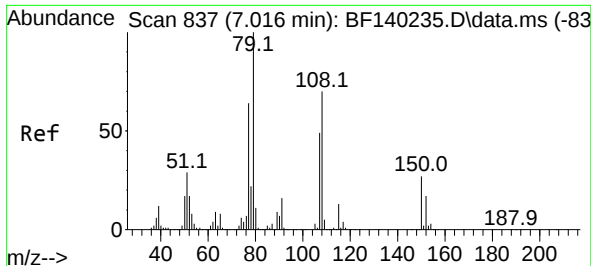
Tgt Ion:146 Resp: 622631
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 43.0 35.4 53.2



#14
1,2-Dichlorobenzene
Concen: 45.539 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:146 Resp: 601259
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
111 45.7 37.9 56.9

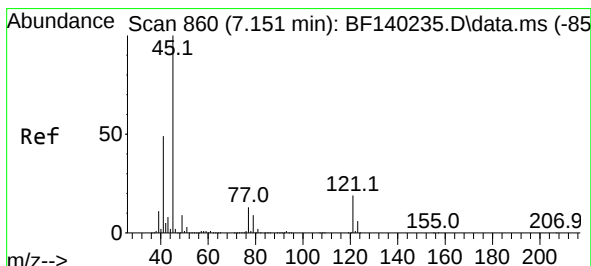
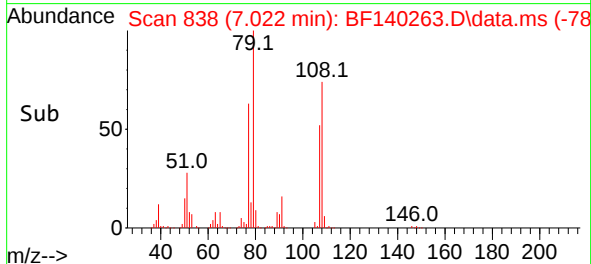
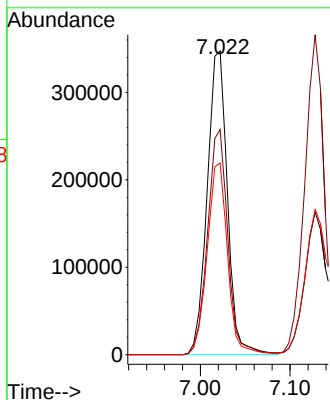
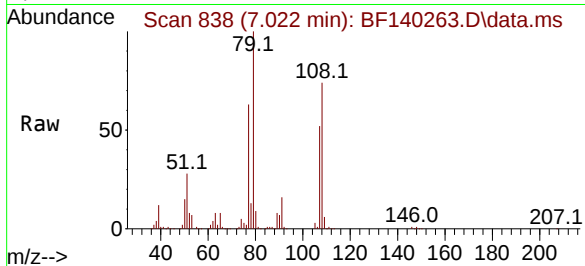




#15
Benzyl Alcohol
Concen: 47.976 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

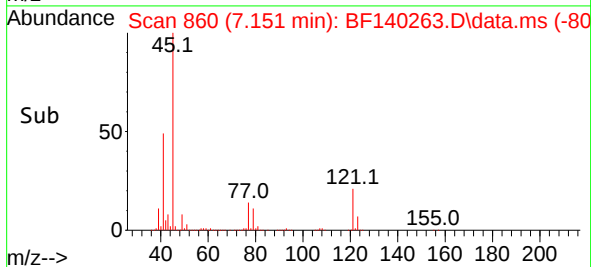
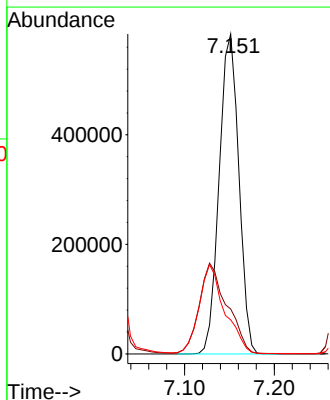
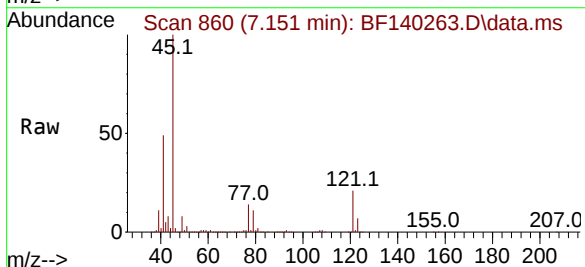
Instrument :
BNA_F
ClientSampleId :
PB164702BS

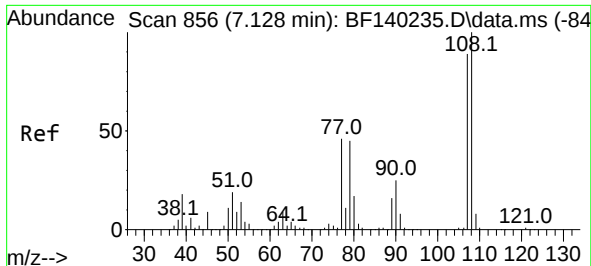
Tgt Ion: 79 Resp: 543802
Ion Ratio Lower Upper
79 100
108 74.1 55.8 83.6
77 63.1 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.232 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 45 Resp: 887765
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.3
79 10.6 0.0 29.9

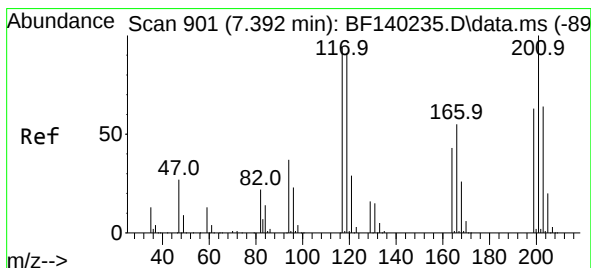
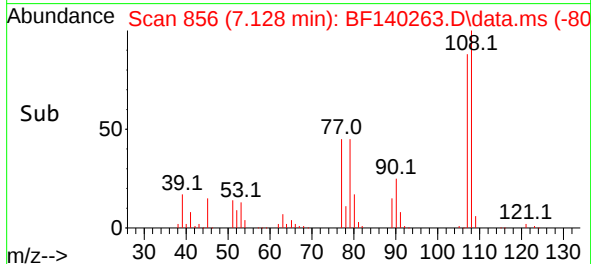
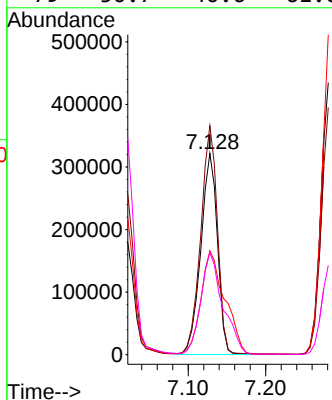
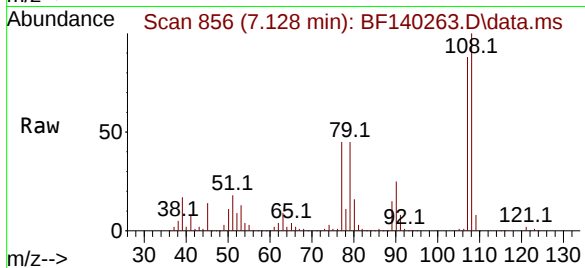




#17
2-Methylphenol
Concen: 48.138 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

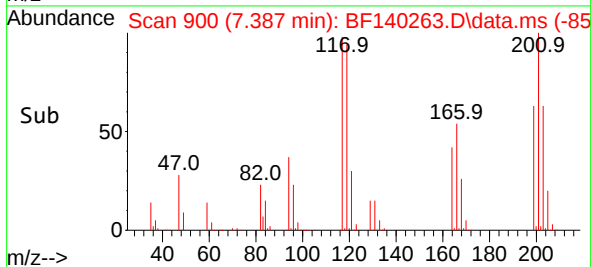
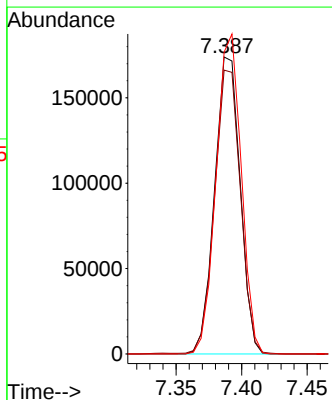
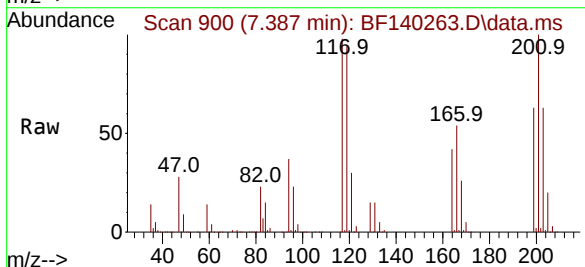
Instrument :
BNA_F
ClientSampleId :
PB164702BS

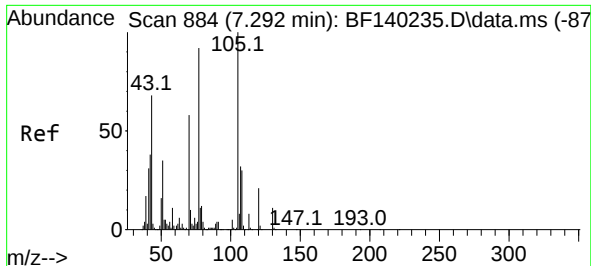
Tgt Ion:	107	Resp:	480306
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.5	135.7
77	51.6	41.8	62.6
79	50.7	40.6	61.0



#18
Hexachloroethane
Concen: 44.841 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:	117	Resp:	236125
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.3	115.9
201	101.6	85.1	127.7

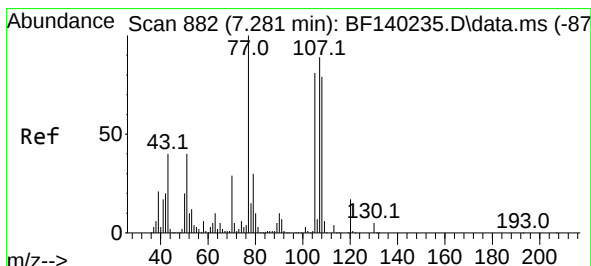
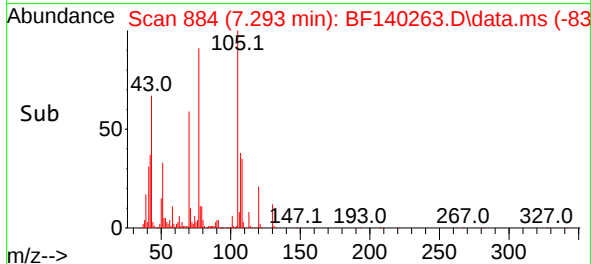
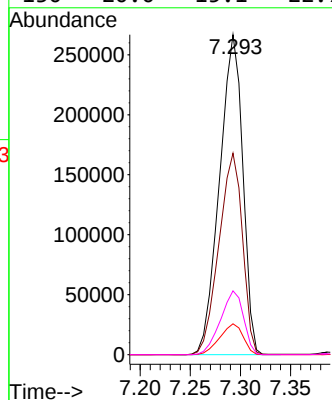
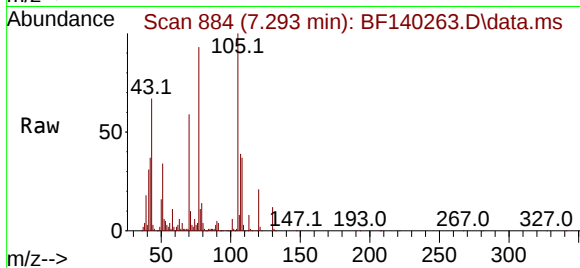




#19
n-Nitroso-di-n-propylamine
Concen: 45.864 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

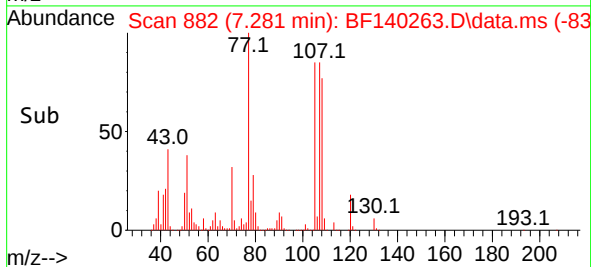
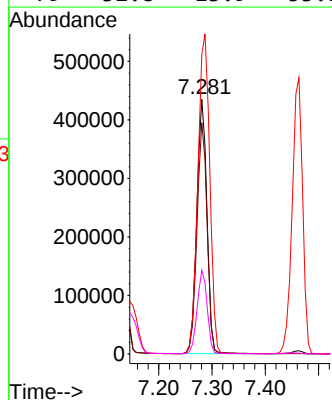
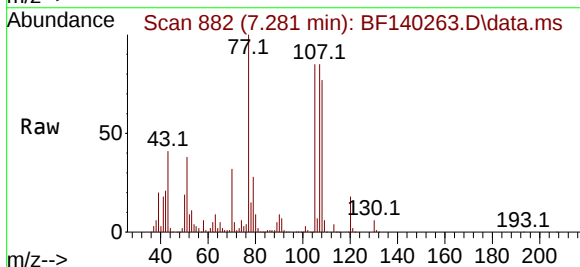
Instrument :
BNA_F
ClientSampleId :
PB164702BS

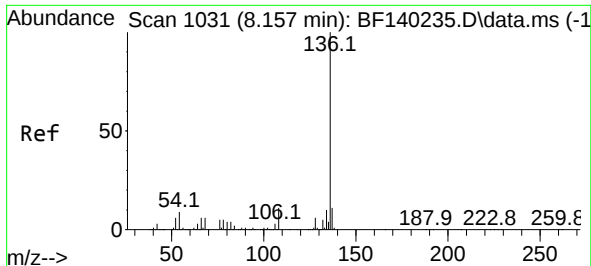
Tgt Ion: 70 Resp: 430219
Ion Ratio Lower Upper
70 100
42 63.0 52.8 79.2
101 9.7 7.4 11.2
130 20.0 15.1 22.7



#20
3+4-Methylphenols
Concen: 45.658 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 107 Resp: 572150
Ion Ratio Lower Upper
107 100
108 90.8 69.4 109.4
77 117.6 92.7 132.7
79 32.8 13.9 53.9



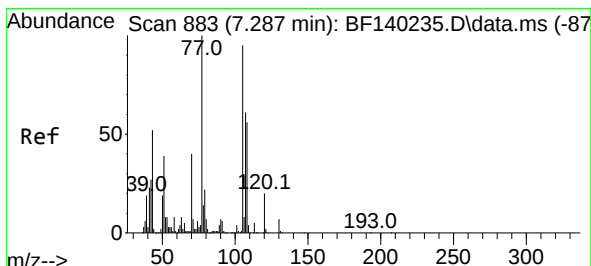
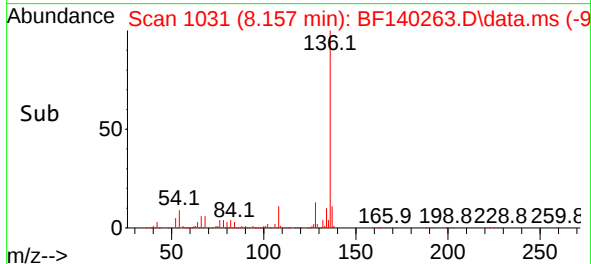
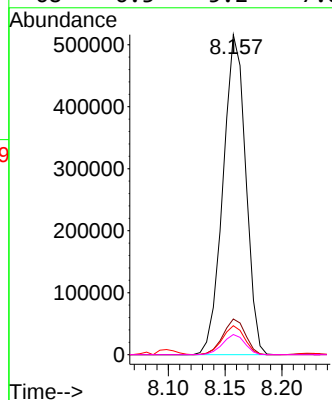
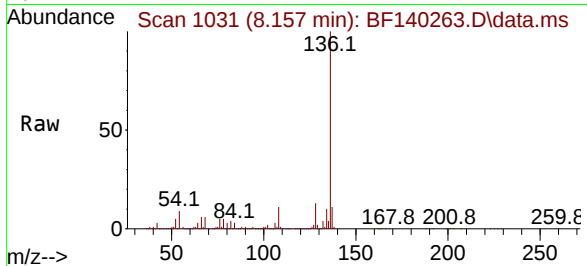


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Instrument :
BNA_F
ClientSampleId :
PB164702BS

Tgt Ion:136 Resp: 717811

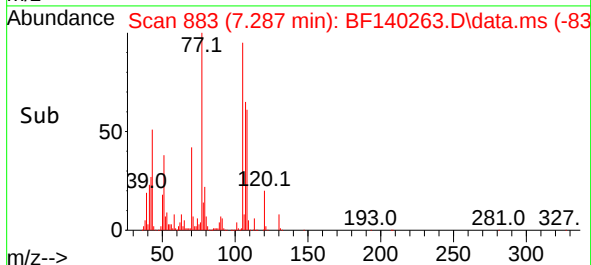
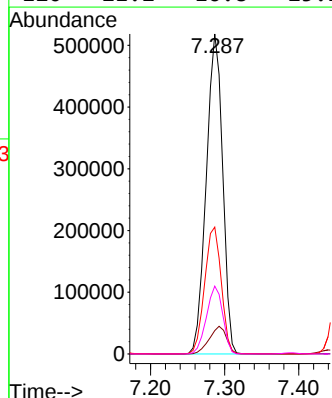
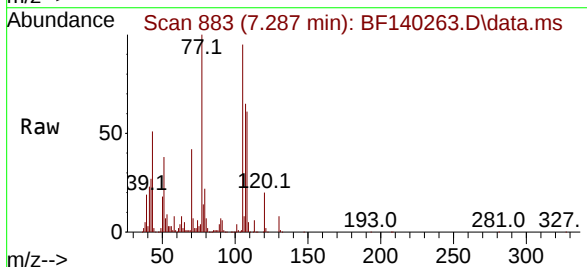
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.1	7.7	11.5
68	6.3	5.2	7.8

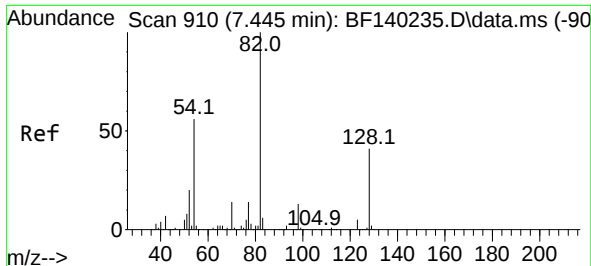


#22
Acetophenone
Concen: 44.719 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:105 Resp: 795861

Ion	Ratio	Lower	Upper
105	100		
71	7.3	5.6	8.4
51	39.6	33.2	49.8
120	21.2	16.8	25.2





#23

Nitrobenzene-d5

Concen: 86.465 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

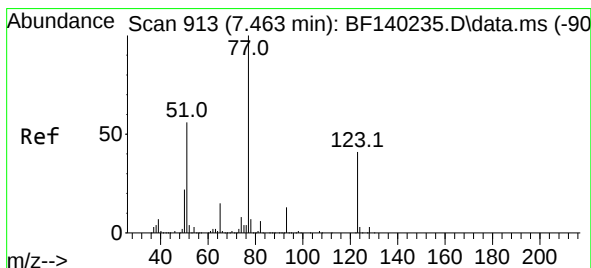
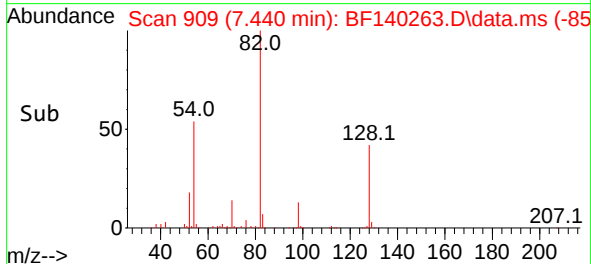
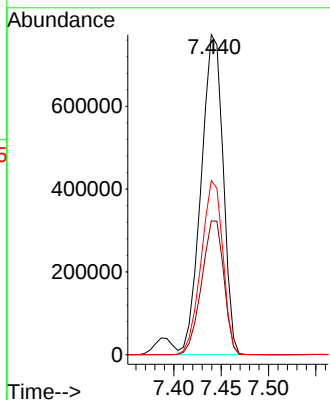
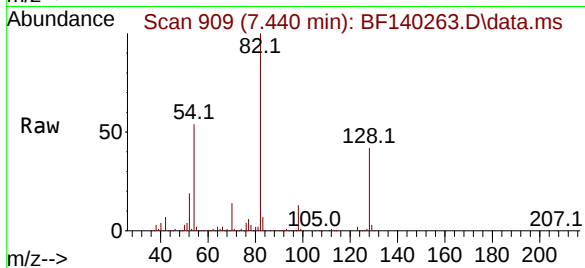
BNA_F

ClientSampleId :

PB164702BS

Tgt Ion: 82 Resp: 1248338

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	54.4	44.3	66.5



#24

Nitrobenzene

Concen: 42.486 ng

RT: 7.463 min Scan# 913

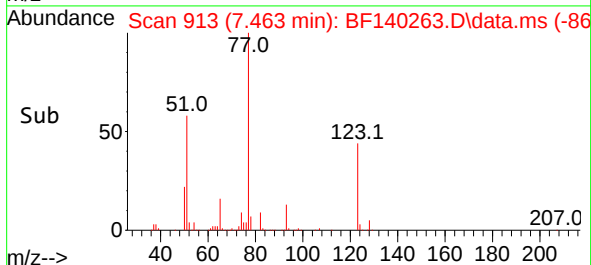
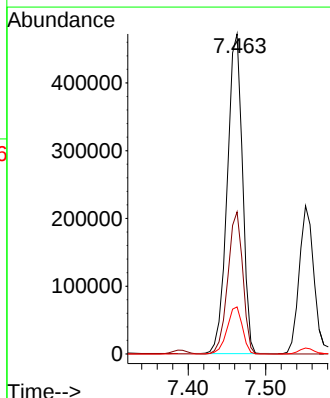
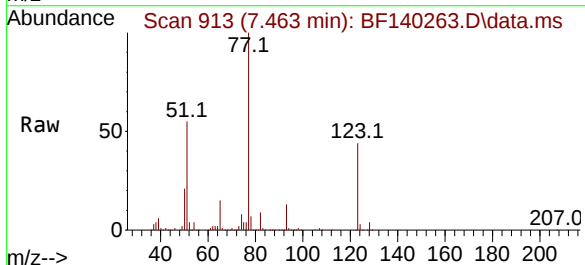
Delta R.T. 0.000 min

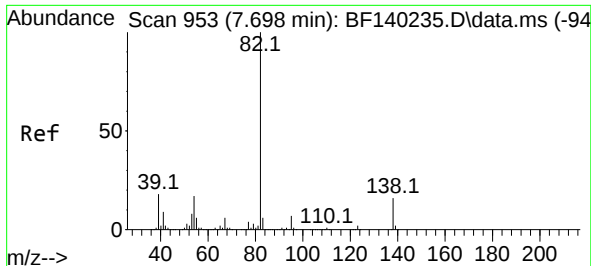
Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Tgt Ion: 77 Resp: 643626

Ion	Ratio	Lower	Upper
77	100		
123	44.4	33.0	49.4
65	14.7	11.7	17.5

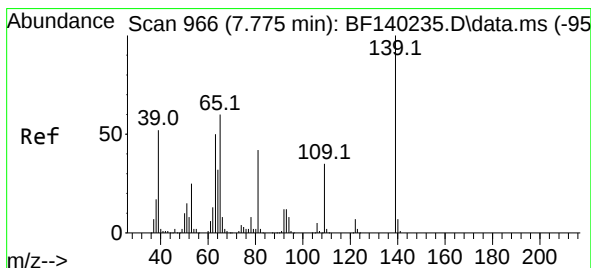
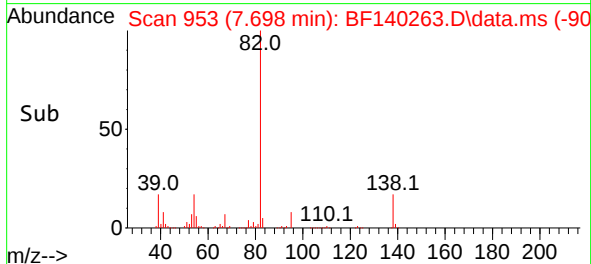
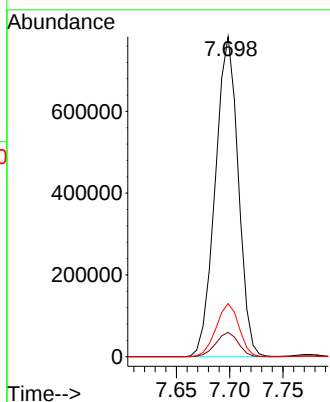
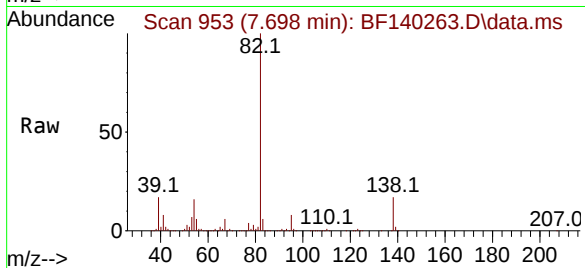




#25
Isophorone
Concen: 47.155 ng
RT: 7.698 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

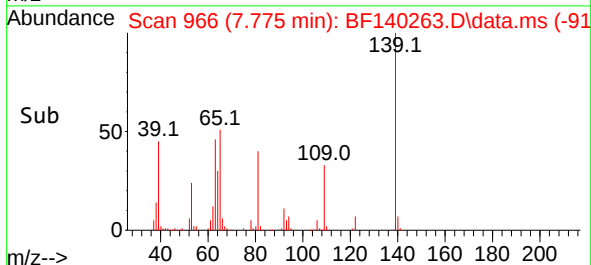
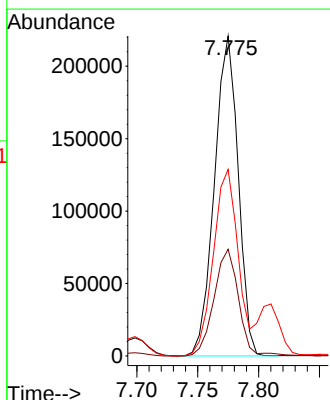
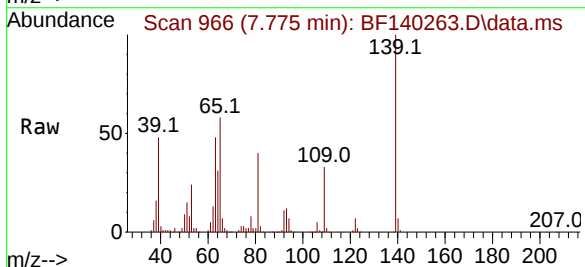
Instrument :
BNA_F
ClientSampleId :
PB164702BS

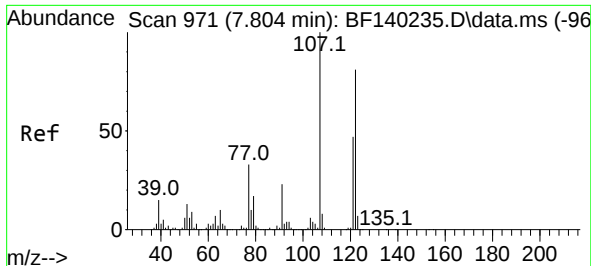
Tgt Ion: 82 Resp: 1172258
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.6 12.9 19.3



#26
2-Nitrophenol
Concen: 49.729 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:139 Resp: 299675
Ion Ratio Lower Upper
139 100
109 33.4 27.8 41.8
65 58.3 48.2 72.2

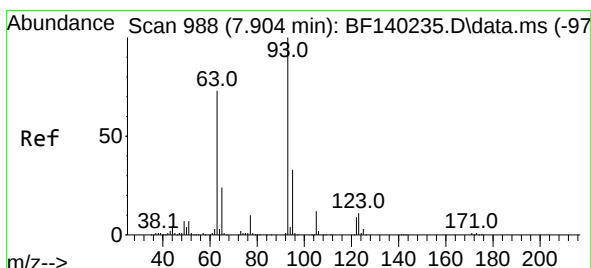
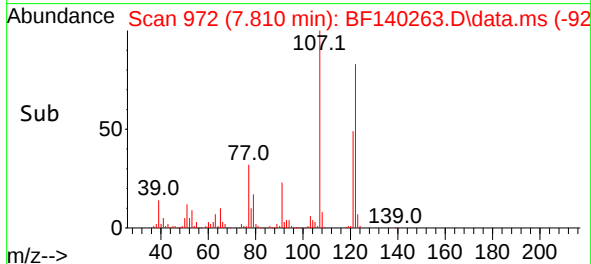
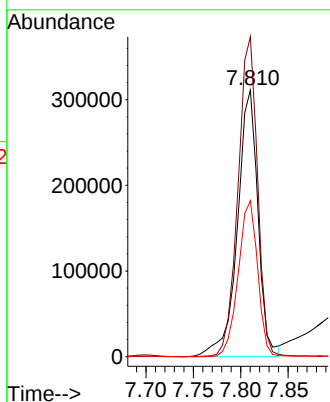
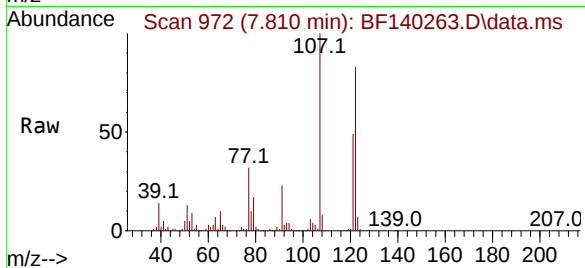




#27
2,4-Dimethylphenol
Concen: 57.274 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

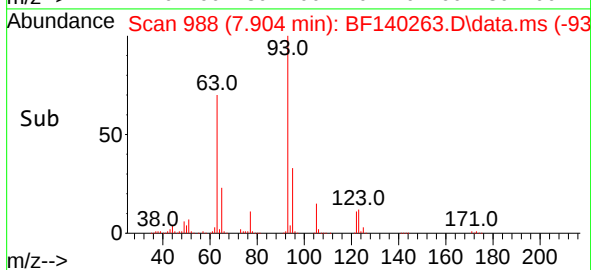
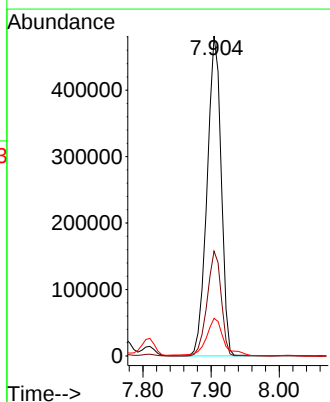
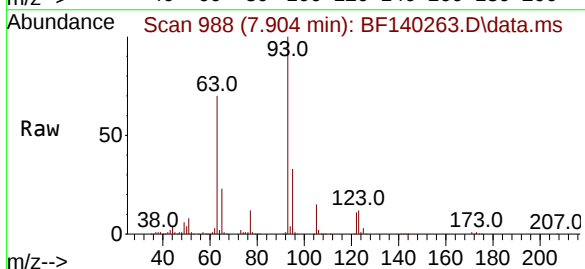
Instrument :
BNA_F
ClientSampleId :
PB164702BS

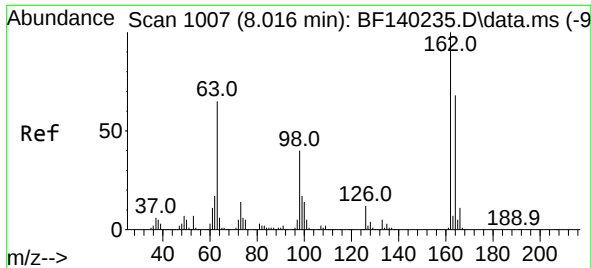
Tgt Ion:122 Resp: 469544
Ion Ratio Lower Upper
122 100
107 120.0 99.4 149.0
121 58.5 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 46.522 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion: 93 Resp: 692092
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.877 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

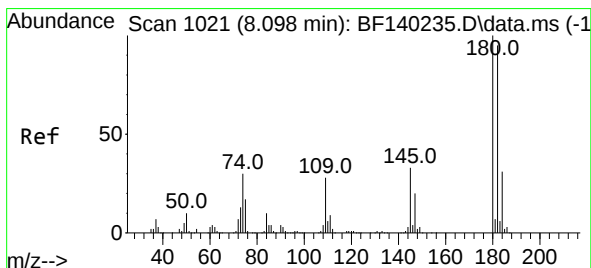
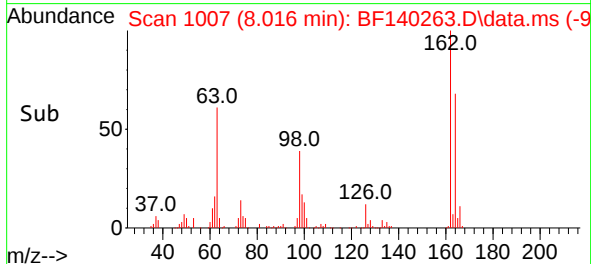
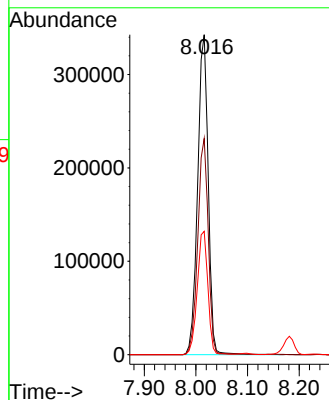
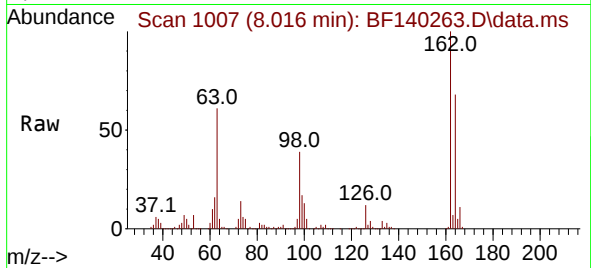
Tgt Ion:162 Resp: 485573

Ion Ratio Lower Upper

162 100

164 67.6 47.5 87.5

98 38.5 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 44.226 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

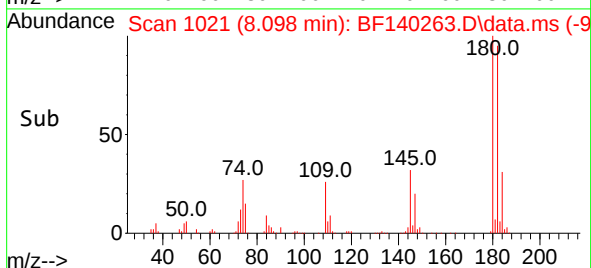
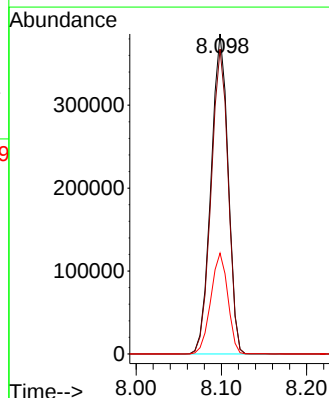
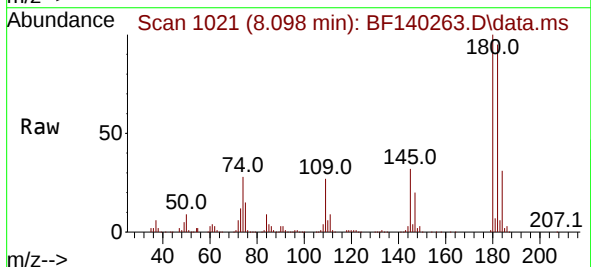
Tgt Ion:180 Resp: 537498

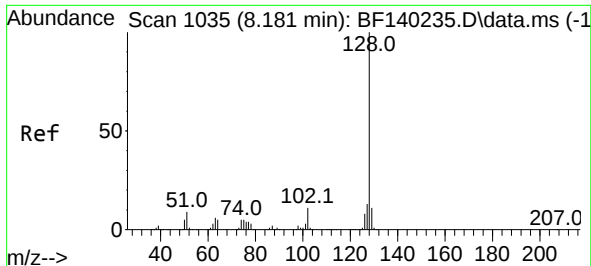
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 31.5 26.1 39.1

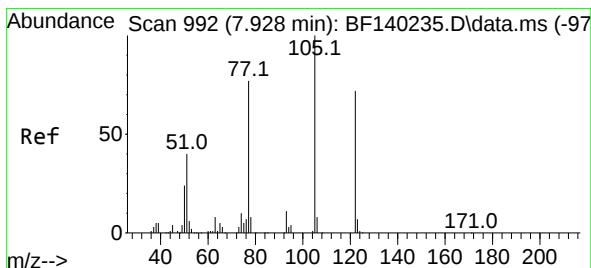
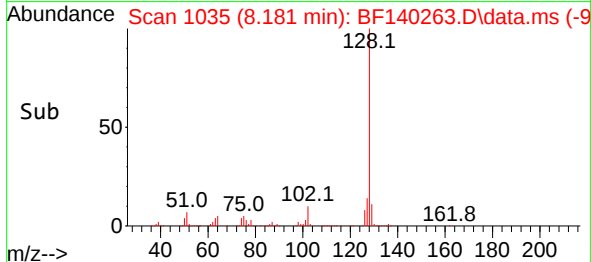
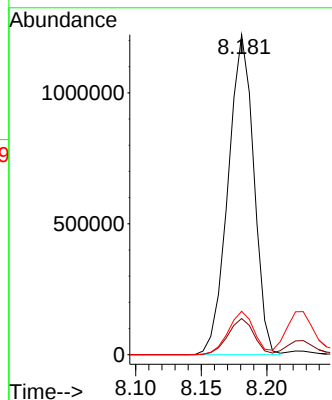
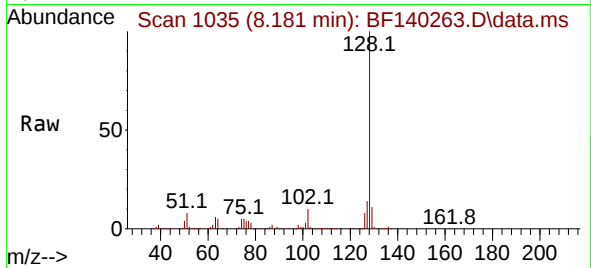




#31
Naphthalene
Concen: 44.968 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

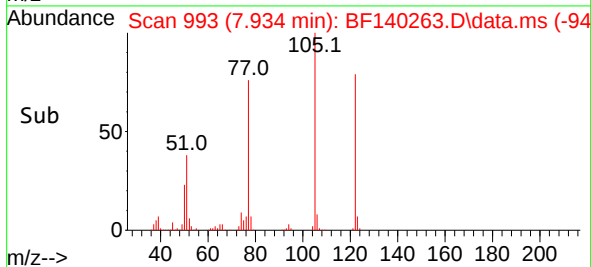
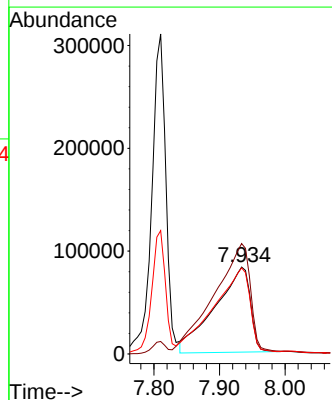
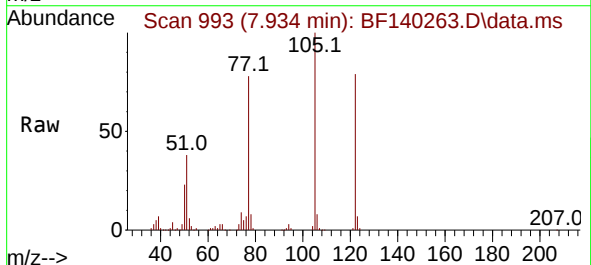
Instrument :
BNA_F
ClientSampleId :
PB164702BS

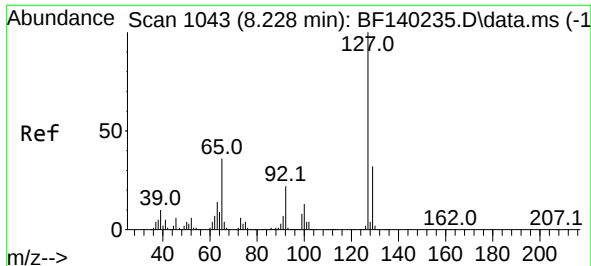
Tgt Ion:128 Resp: 1666815
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 46.242 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:122 Resp: 311120
Ion Ratio Lower Upper
122 100
105 127.1 112.6 152.6
77 99.1 84.3 124.3

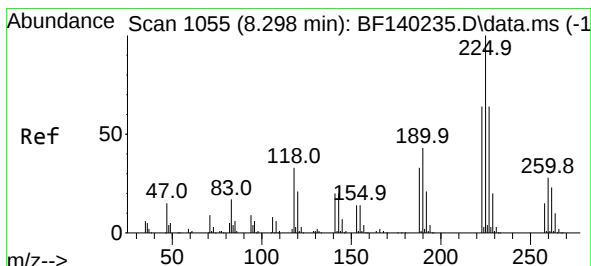
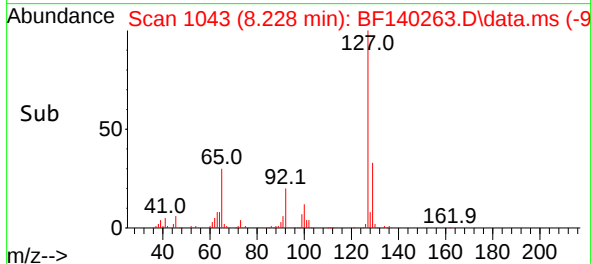
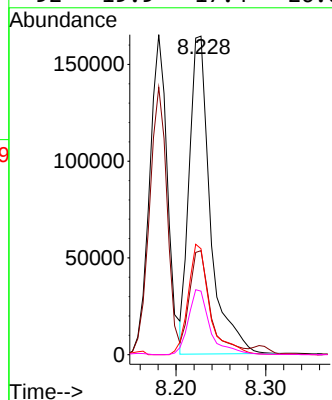
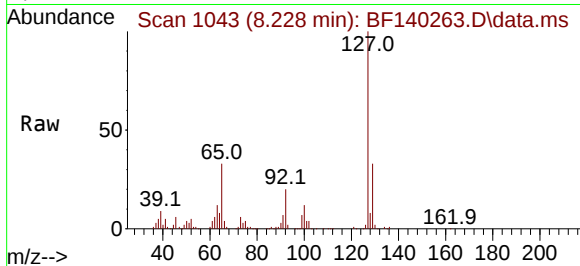




#33
4-Chloroaniline
Concen: 22.007 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

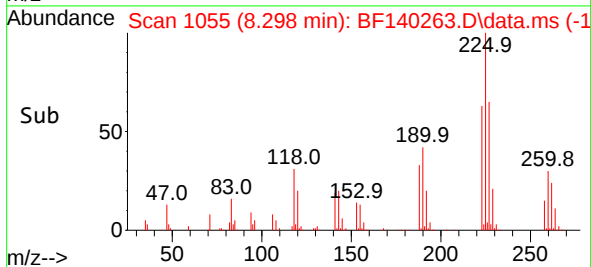
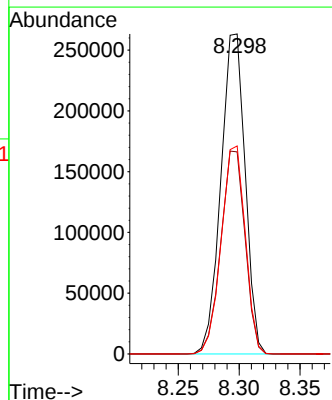
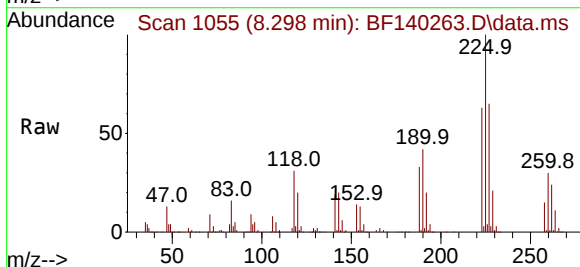
Instrument :
BNA_F
ClientSampleId :
PB164702BS

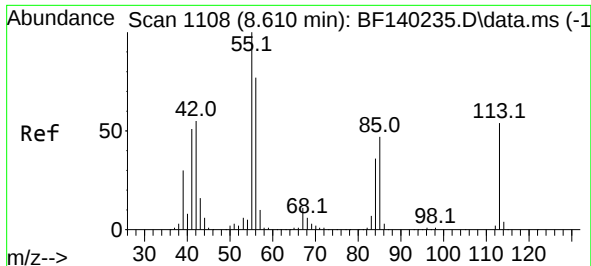
Tgt Ion:	127	Resp:	268542
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.8	38.6
65	33.2	29.0	43.6
92	19.9	17.4	26.0



#34
Hexachlorobutadiene
Concen: 44.493 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:	225	Resp:	366012
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.8	76.2
227	65.0	51.0	76.6

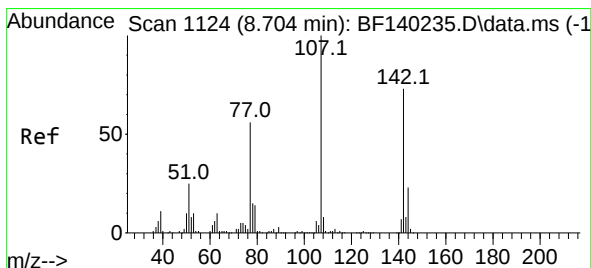
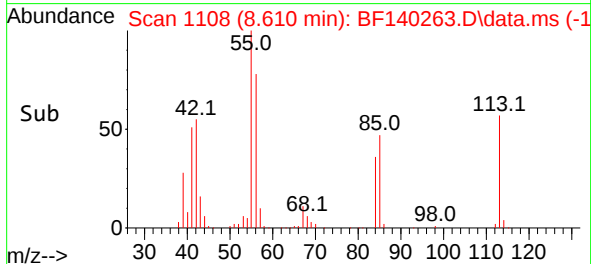
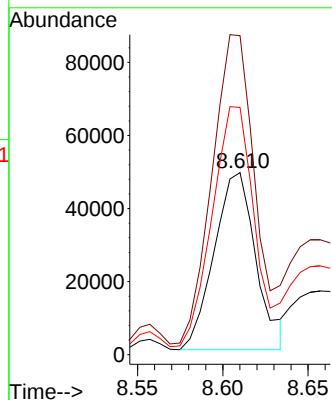
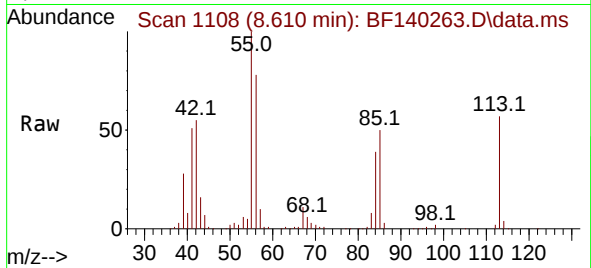




#35
 Caprolactam
 Concen: 26.743 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140263.D
 Acq: 07 Nov 2024 09:54

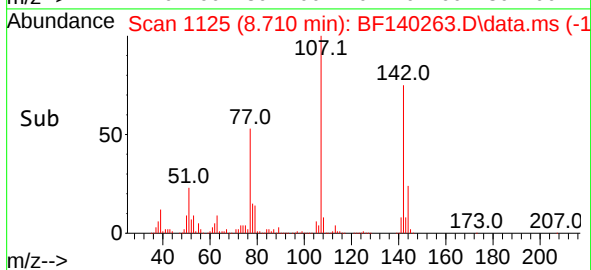
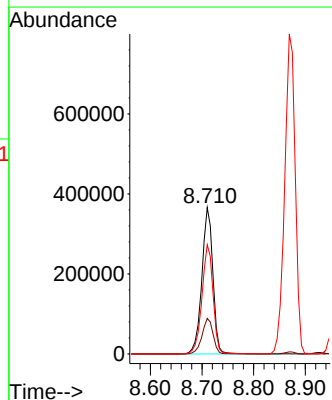
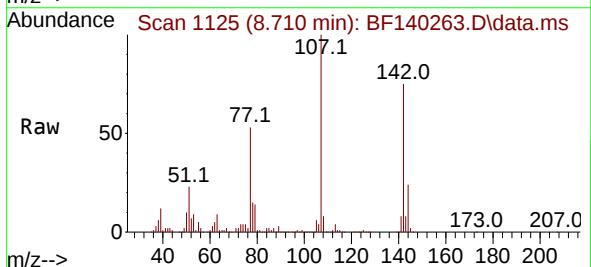
Instrument :
 BNA_F
 ClientSampleId :
 PB164702BS

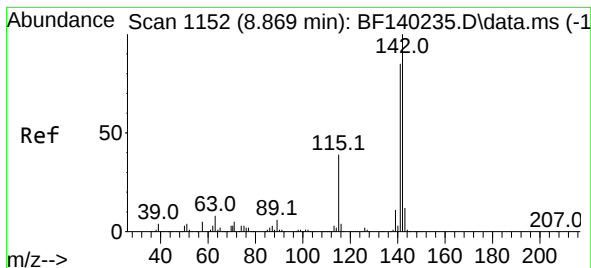
Tgt Ion:113 Resp: 82511
 Ion Ratio Lower Upper
 113 100
 55 175.2 165.2 205.2
 56 135.8 122.1 162.1



#36
 4-Chloro-3-methylphenol
 Concen: 48.128 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF140263.D
 Acq: 07 Nov 2024 09:54

Tgt Ion:107 Resp: 543474
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.6 27.8
 142 74.7 58.1 87.1

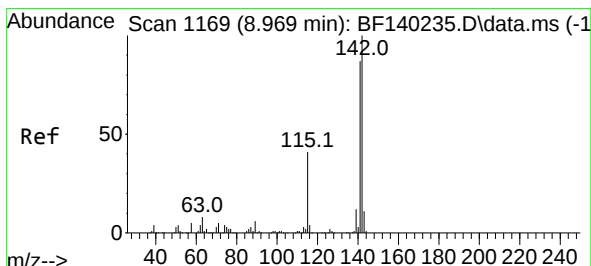
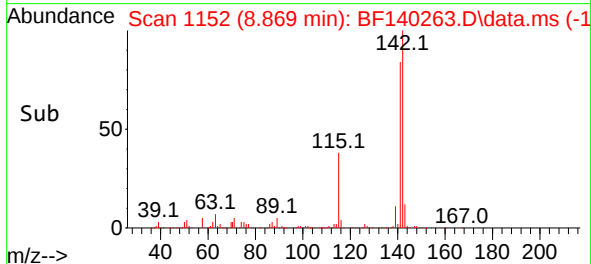
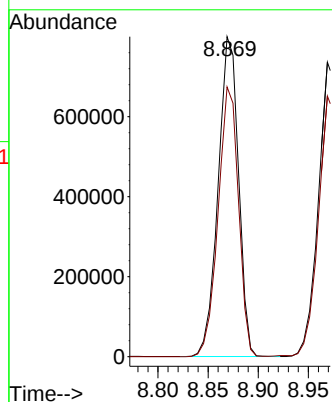
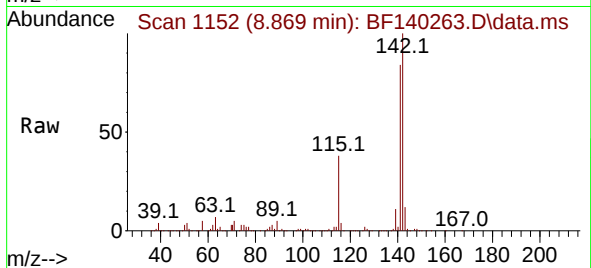




#37
2-Methylnaphthalene
Concen: 46.629 ng
RT: 8.869 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

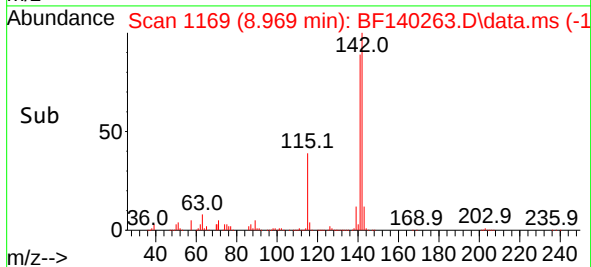
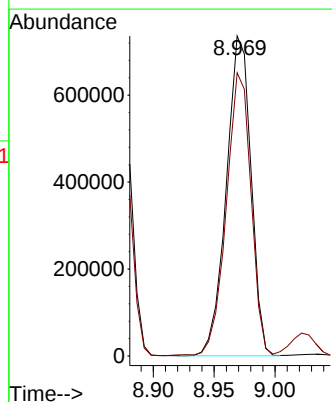
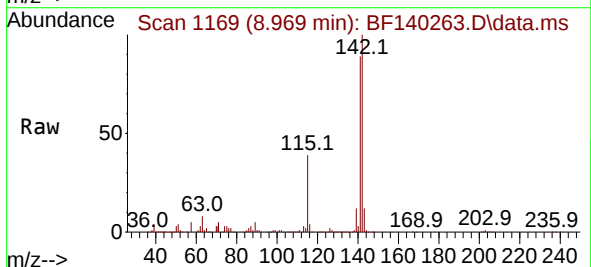
Instrument :
BNA_F
ClientSampleId :
PB164702BS

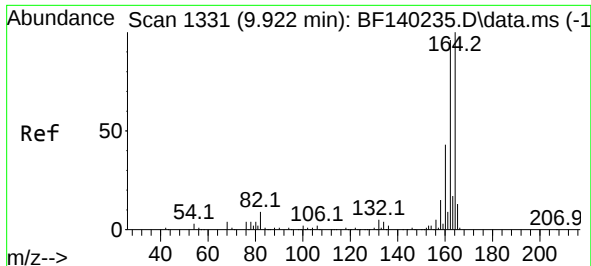
Tgt Ion:142 Resp: 1128015
Ion Ratio Lower Upper
142 100
141 84.3 67.8 101.8



#38
1-Methylnaphthalene
Concen: 43.726 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

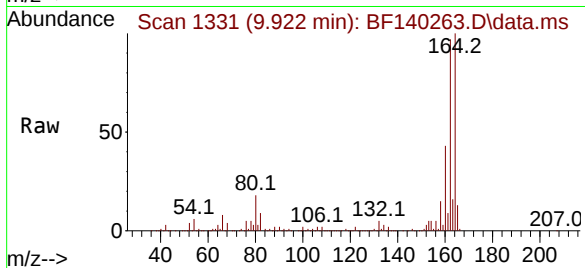
Tgt Ion:142 Resp: 1036798
Ion Ratio Lower Upper
142 100
141 88.5 69.7 104.5



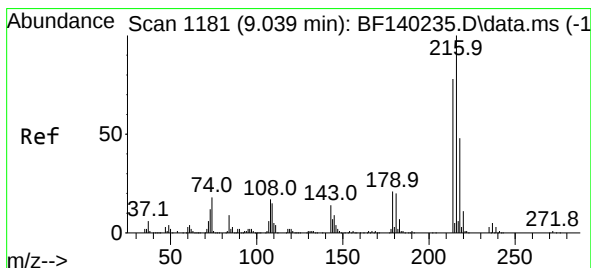
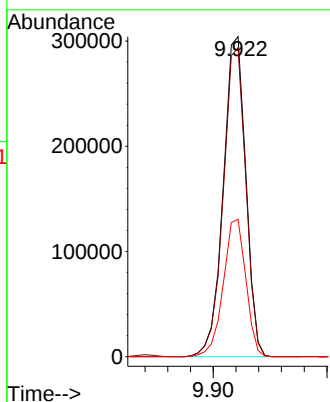
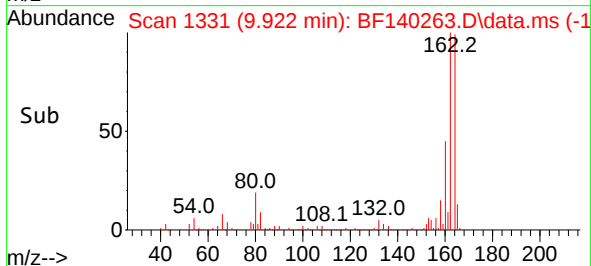


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

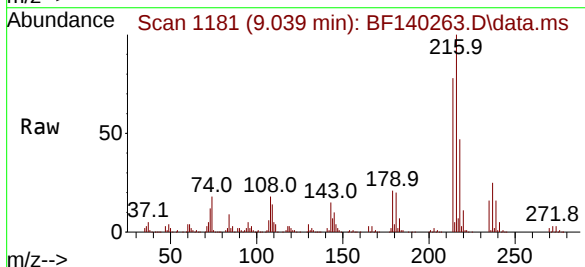
Instrument :
BNA_F
ClientSampleId :
PB164702BS



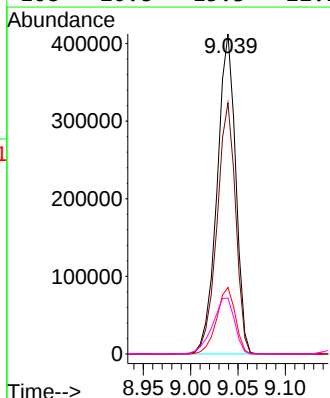
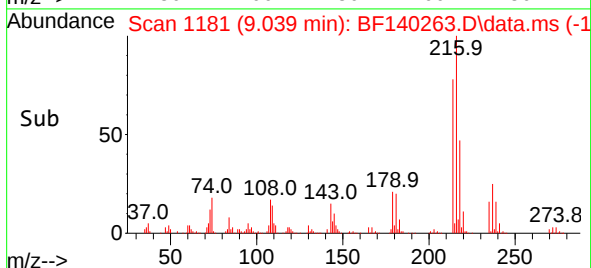
Tgt Ion:164 Resp: 420554
Ion Ratio Lower Upper
164 100
162 96.5 77.0 115.4
160 42.9 34.1 51.1

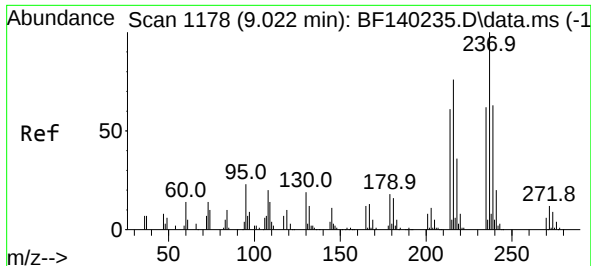


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.740 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54



Tgt Ion:216 Resp: 563138
Ion Ratio Lower Upper
216 100
214 78.4 62.8 94.2
179 20.9 17.3 25.9
108 20.8 15.3 22.9

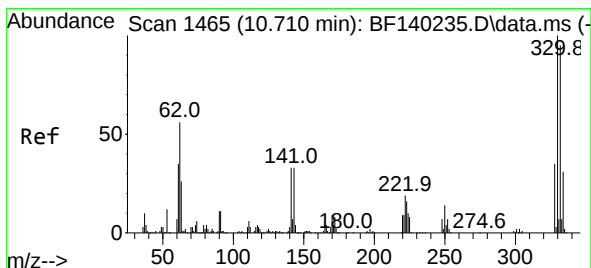
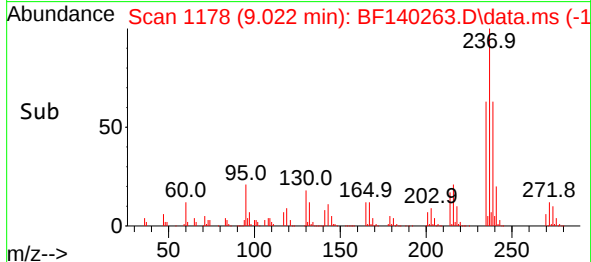
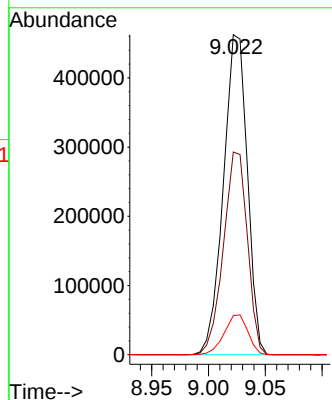
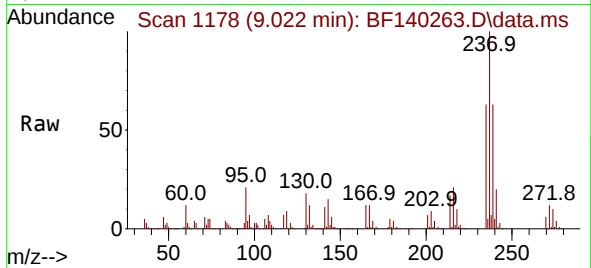




#41
Hexachlorocyclopentadiene
Concen: 196.644 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

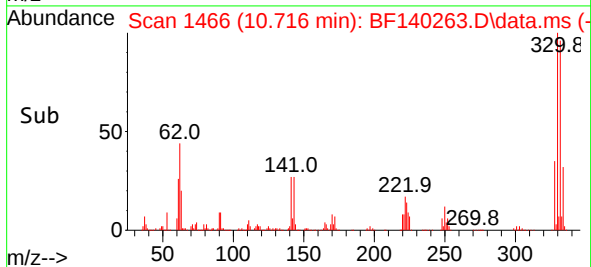
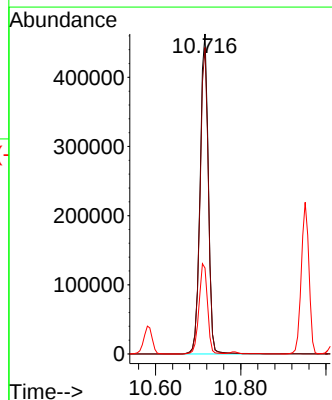
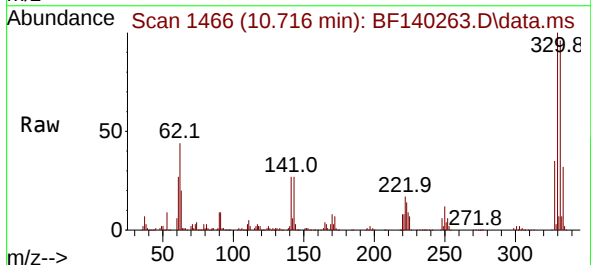
Instrument :
BNA_F
ClientSampleId :
PB164702BS

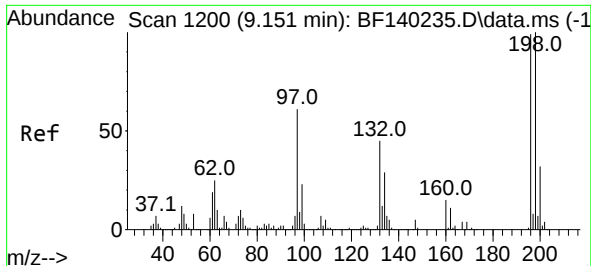
Tgt Ion:237 Resp: 678408
Ion Ratio Lower Upper
237 100
235 63.4 41.8 81.8
272 12.2 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 148.937 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:330 Resp: 619126
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 29.3 27.0 40.4





#43

2,4,6-Trichlorophenol

Concen: 50.458 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

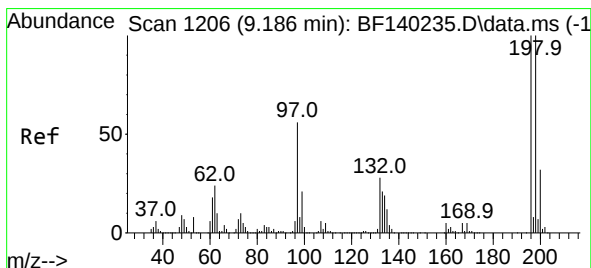
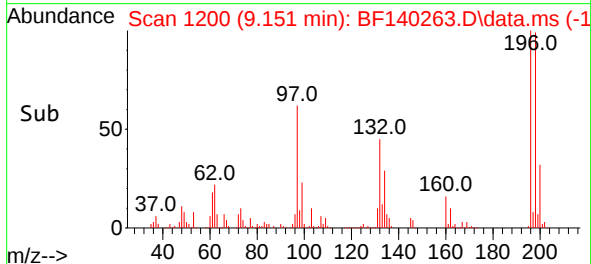
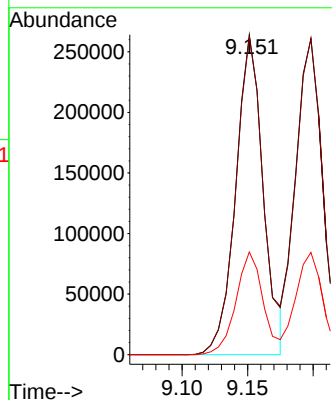
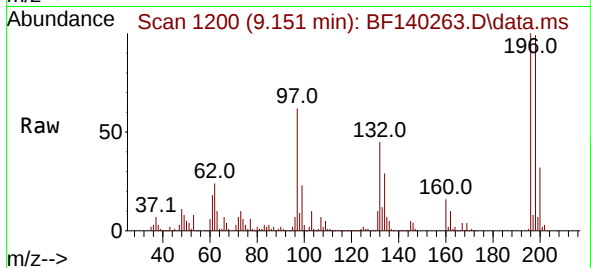
Tgt Ion:196 Resp: 384966

Ion Ratio Lower Upper

196 100

198 99.3 80.8 121.2

200 32.1 26.0 39.0



#44

2,4,5-Trichlorophenol

Concen: 46.186 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Tgt Ion:196 Resp: 370500

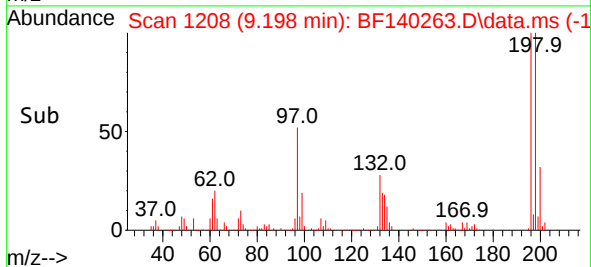
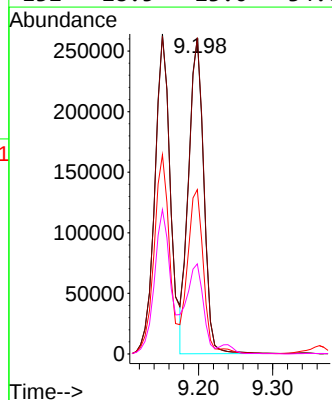
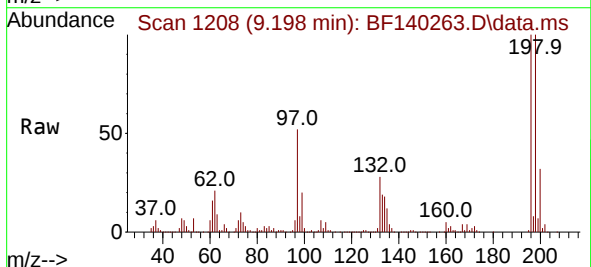
Ion Ratio Lower Upper

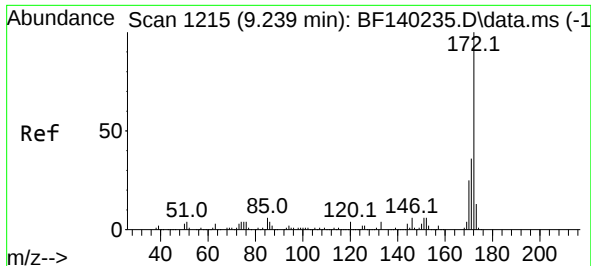
196 100

198 100.2 80.0 120.0

97 52.1 45.7 68.5

132 28.5 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 86.432 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

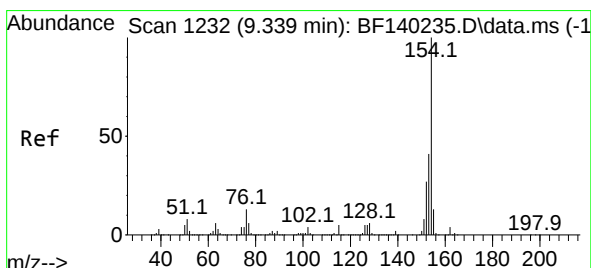
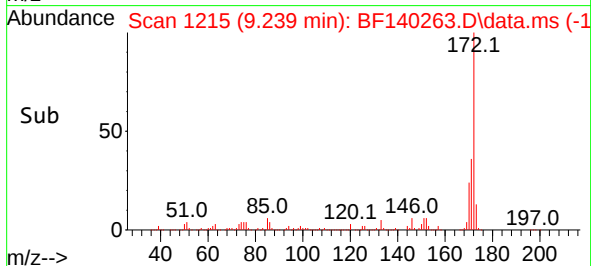
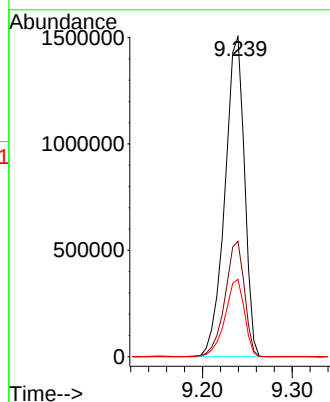
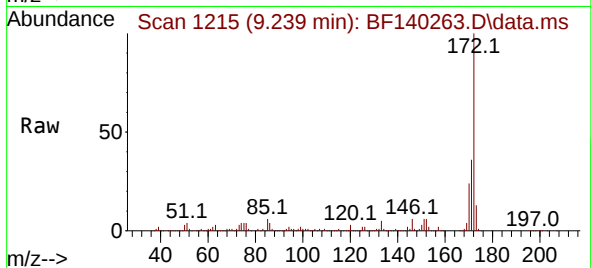
Tgt Ion:172 Resp: 2276371

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.1 19.6 29.4



#46

1,1'-Biphenyl

Concen: 45.704 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

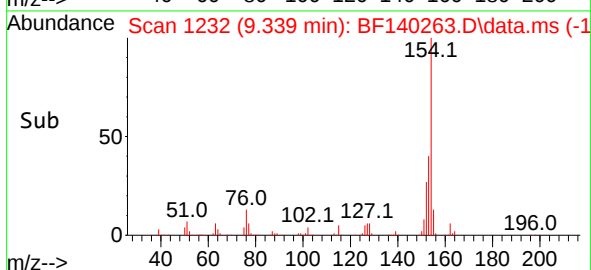
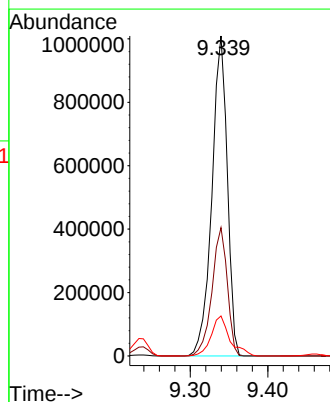
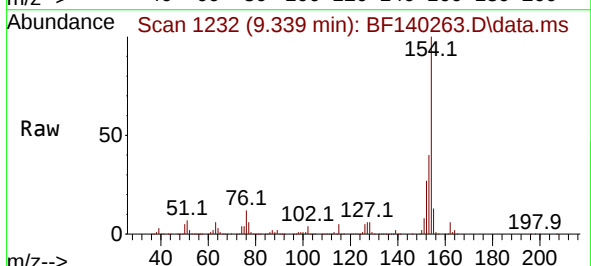
Tgt Ion:154 Resp: 1389319

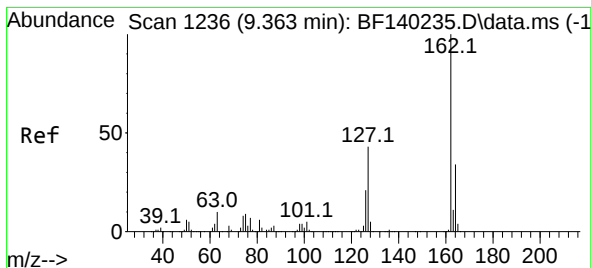
Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

76 12.5 0.0 32.6





#47

2-Chloronaphthalene

Concen: 44.802 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

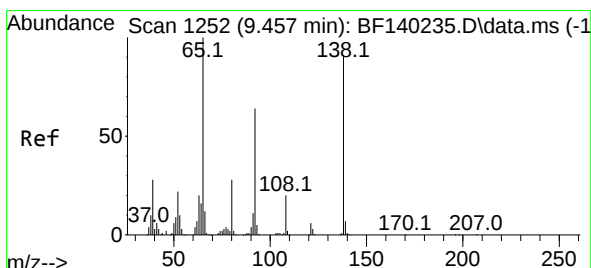
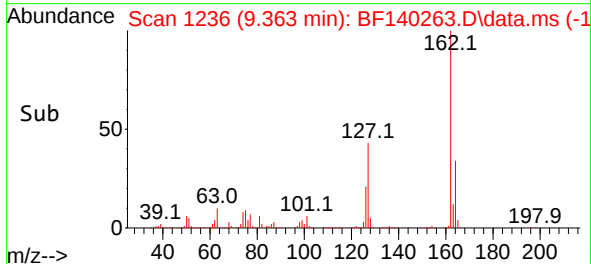
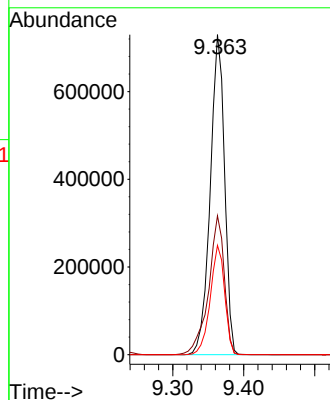
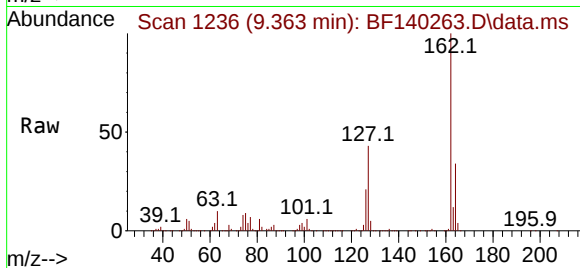
Tgt Ion:162 Resp: 1025026

Ion Ratio Lower Upper

162 100

127 43.4 34.8 52.2

164 34.1 27.3 40.9



#48

2-Nitroaniline

Concen: 46.843 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

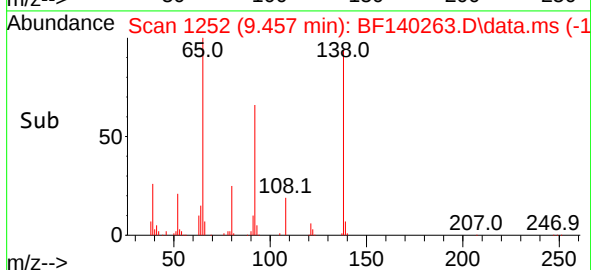
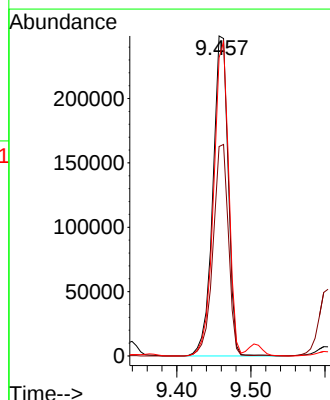
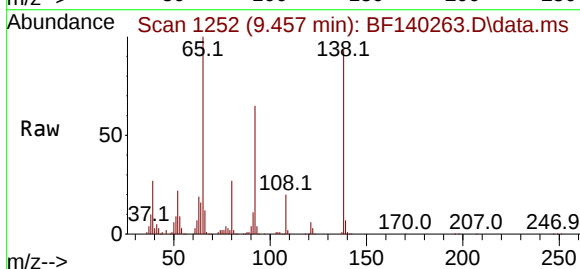
Tgt Ion: 65 Resp: 358420

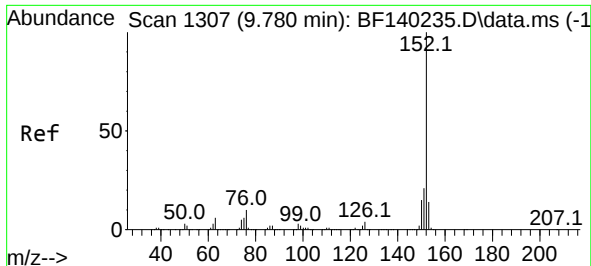
Ion Ratio Lower Upper

65 100

92 65.5 51.6 77.4

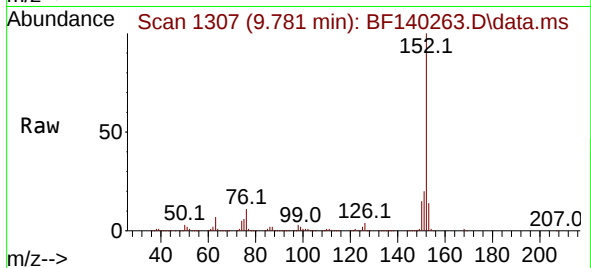
138 93.2 73.0 109.6



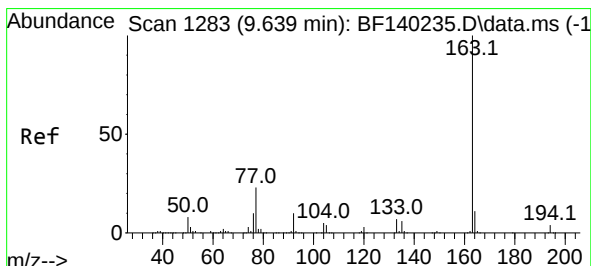
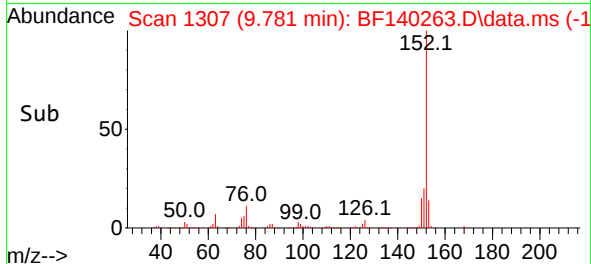
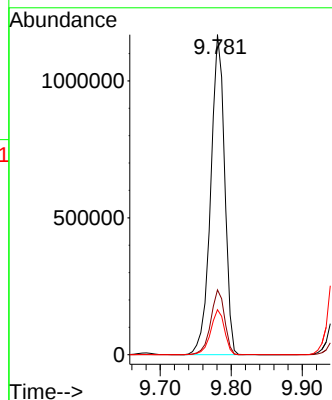


#49
Acenaphthylene
Concen: 49.250 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Instrument :
BNA_F
ClientSampleId :
PB164702BS

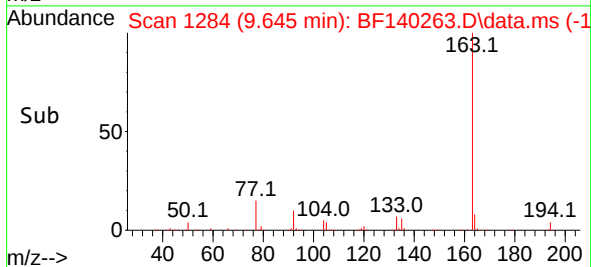
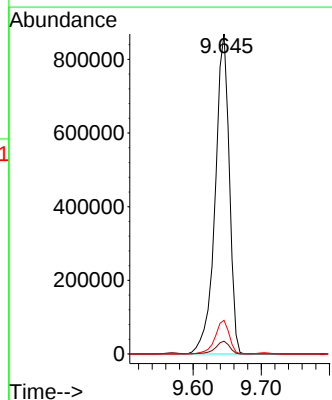
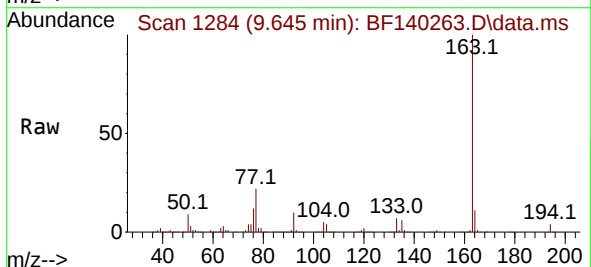


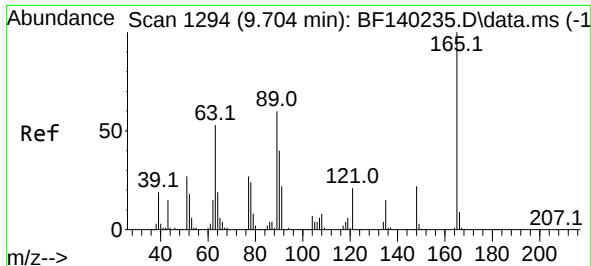
Tgt Ion:152 Resp: 1595286
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 14.1 11.1 16.7



#50
Dimethylphthalate
Concen: 48.407 ng
RT: 9.645 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:163 Resp: 1253758
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: 46.711 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

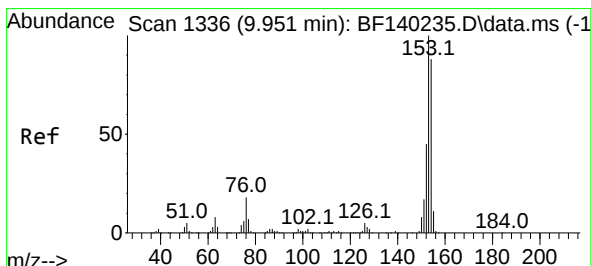
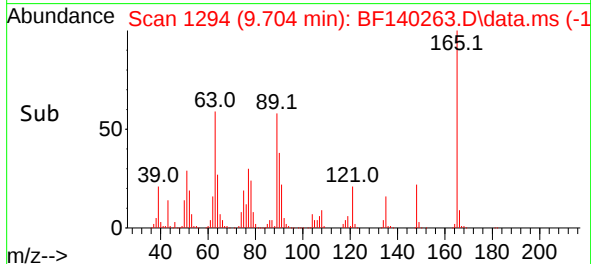
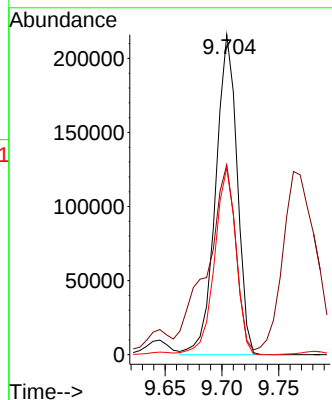
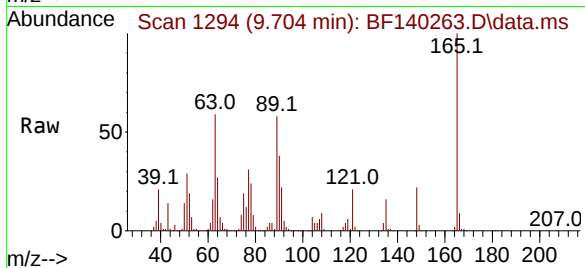
Tgt Ion:165 Resp: 284382

Ion Ratio Lower Upper

165 100

63 59.3 48.8 73.2

89 58.3 48.1 72.1



#52

Acenaphthene

Concen: 51.921 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

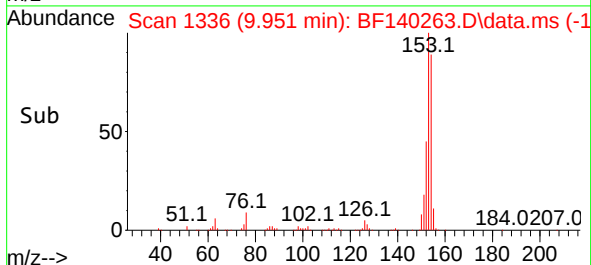
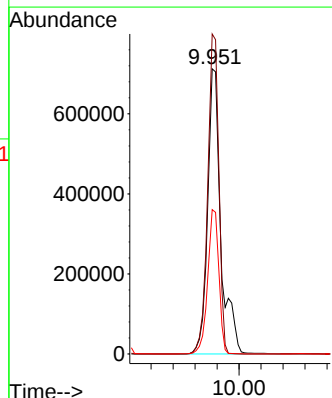
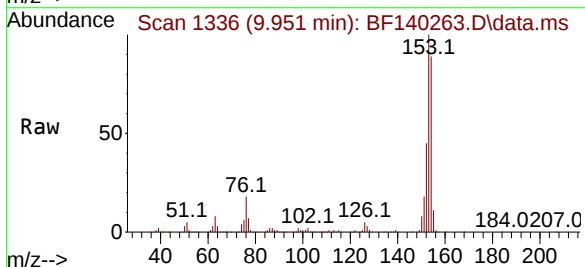
Tgt Ion:154 Resp: 1192905

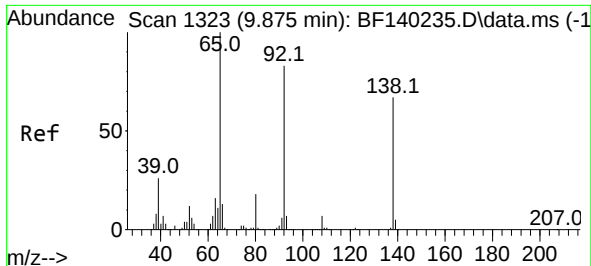
Ion Ratio Lower Upper

154 100

153 112.3 91.3 136.9

152 50.6 41.4 62.2

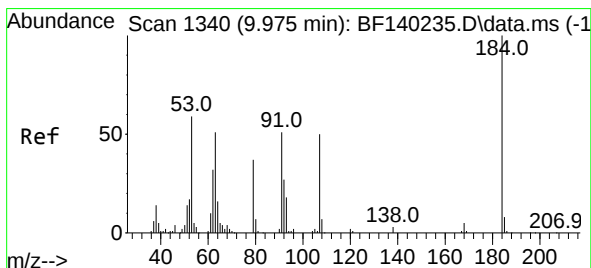
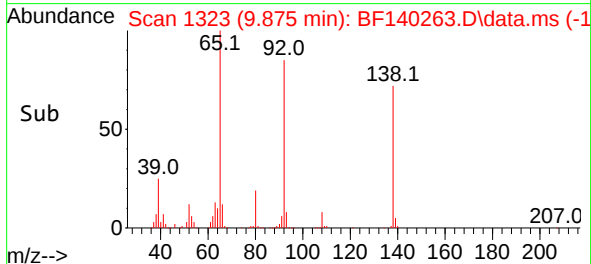
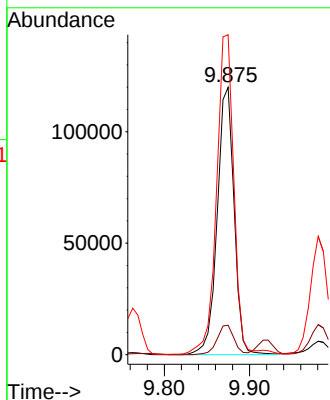
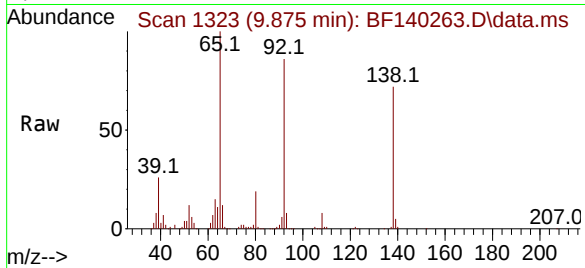




#53
3-Nitroaniline
Concen: 28.817 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

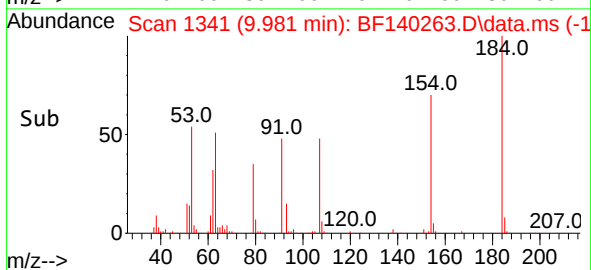
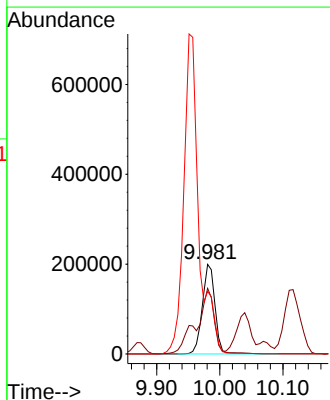
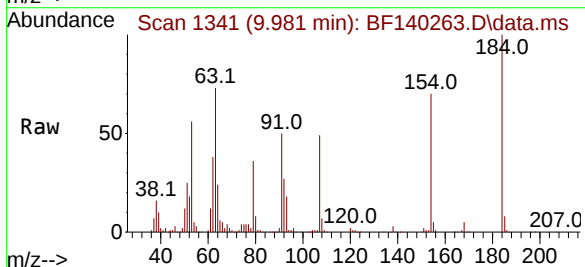
Instrument :
BNA_F
ClientSampleId :
PB164702BS

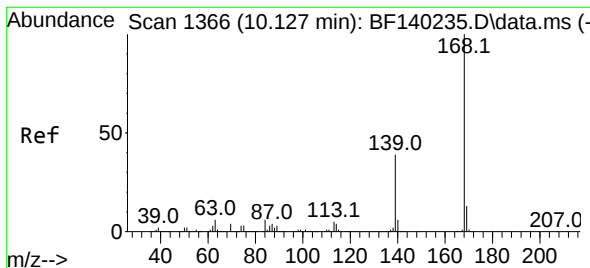
Tgt Ion:138 Resp: 165199
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 119.7 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 92.468 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:184 Resp: 279366
Ion Ratio Lower Upper
184 100
63 73.3 60.1 90.1
154 69.7 66.3 99.5





#55

Dibenzofuran

Concen: 46.590 ng

RT: 10.128 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

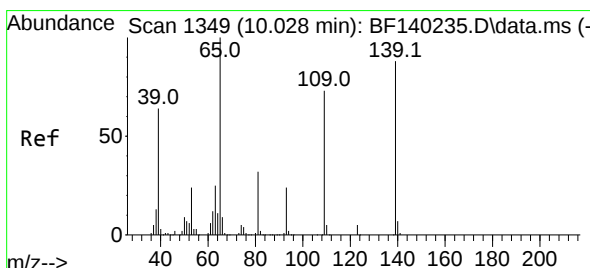
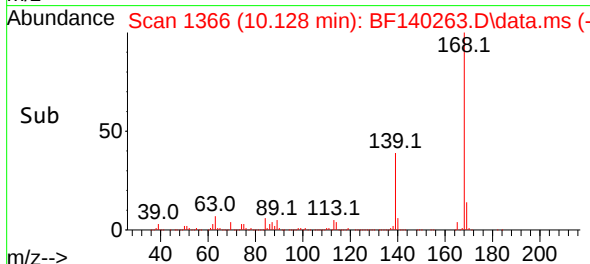
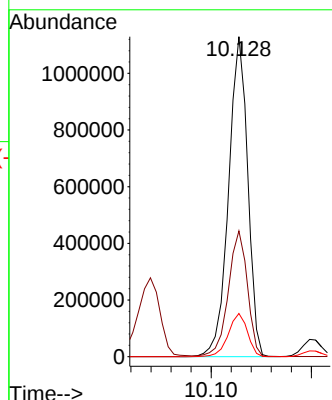
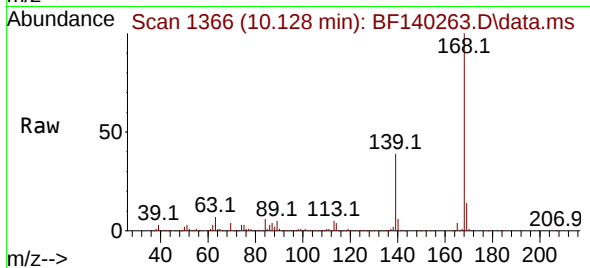
Tgt Ion:168 Resp: 1496819

Ion Ratio Lower Upper

168 100

139 39.3 31.5 47.3

169 13.5 10.6 15.8



#56

4-Nitrophenol

Concen: 105.381 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.012 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

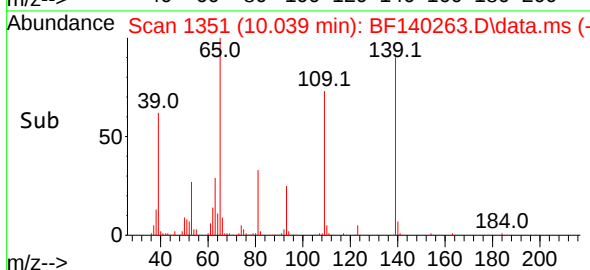
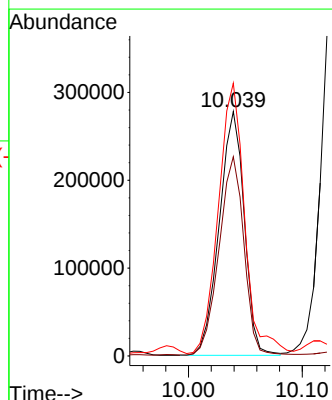
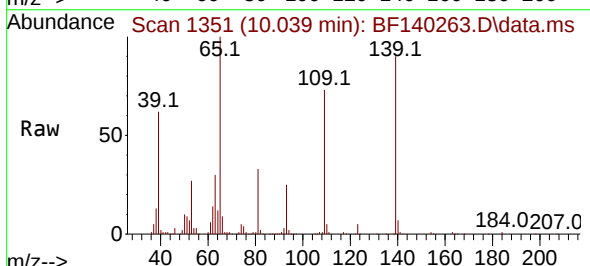
Tgt Ion:139 Resp: 424764

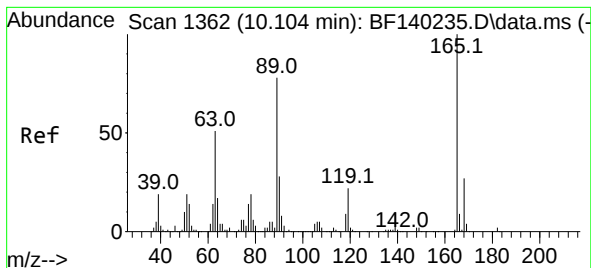
Ion Ratio Lower Upper

139 100

109 81.5 63.8 103.8

65 111.5 94.7 134.7

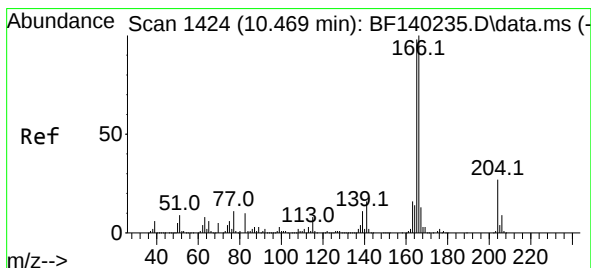
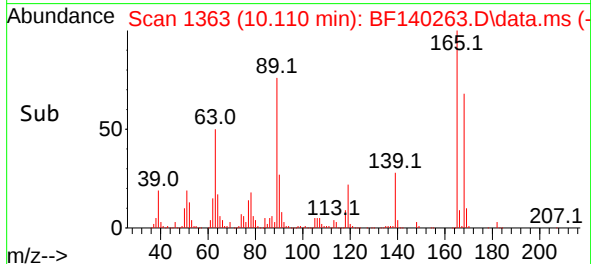
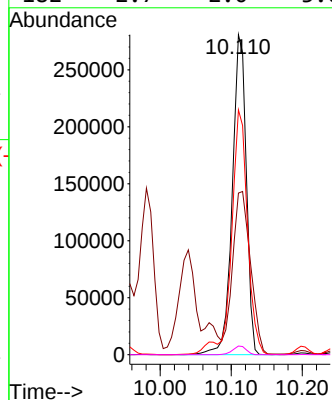
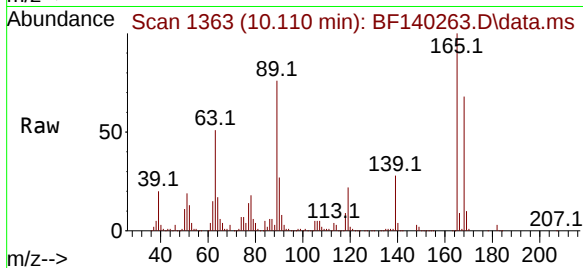




#57
2,4-Dinitrotoluene
Concen: 48.828 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

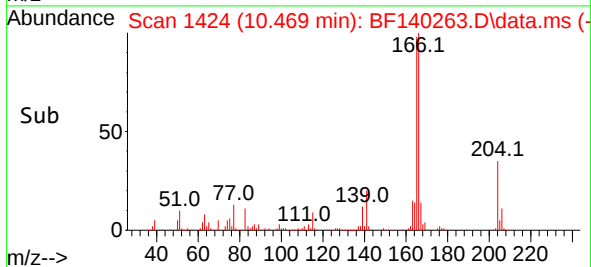
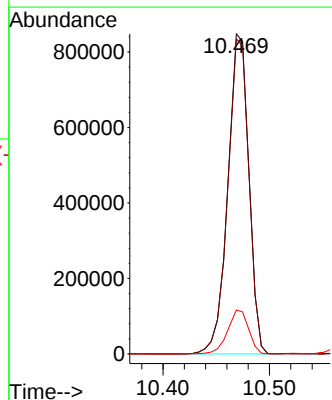
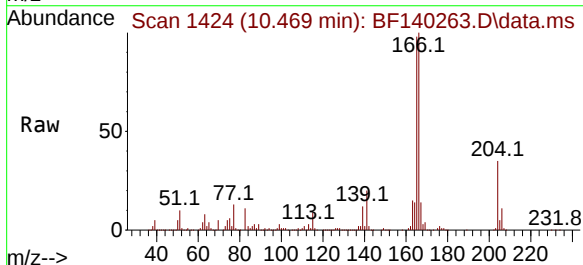
Instrument :
BNA_F
ClientSampleId :
PB164702BS

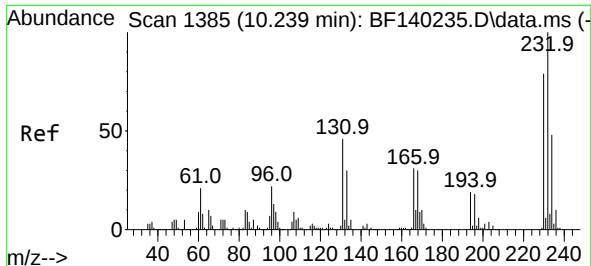
Tgt Ion:165 Resp: 385755
Ion Ratio Lower Upper
165 100
63 50.5 41.3 61.9
89 76.5 62.6 94.0
182 2.7 2.0 3.0



#58
Fluorene
Concen: 45.506 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:166 Resp: 1163758
Ion Ratio Lower Upper
166 100
165 98.5 78.7 118.1
167 13.7 10.8 16.2

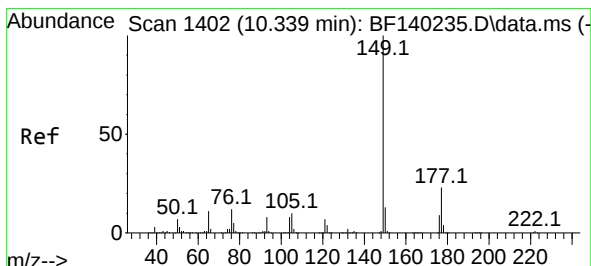
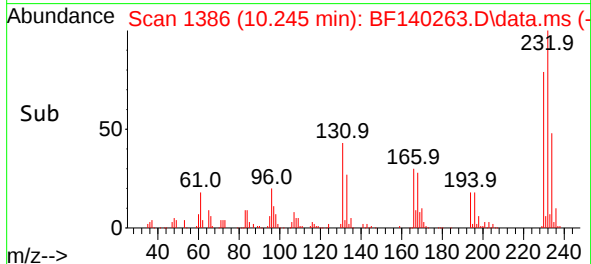
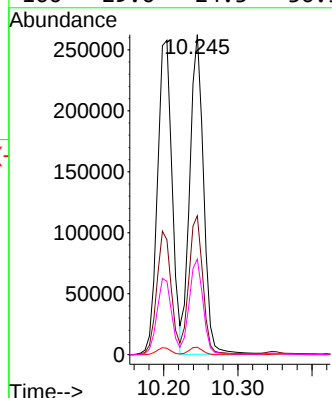
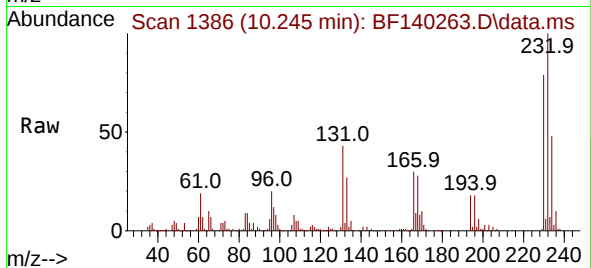




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.670 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

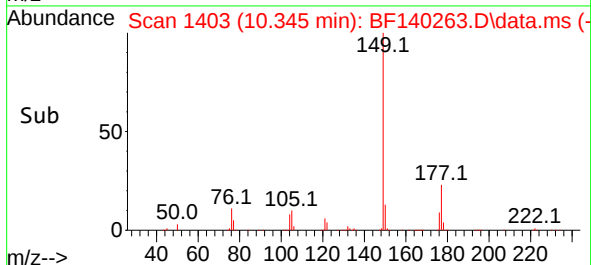
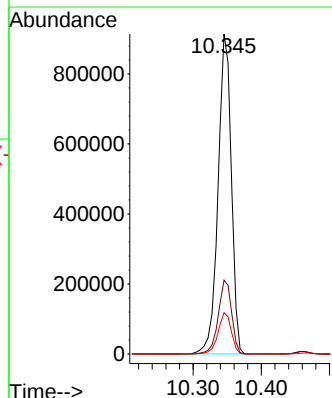
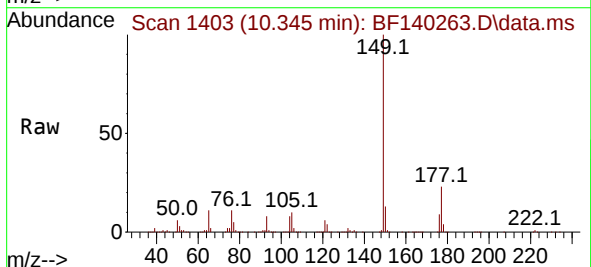
Instrument :
BNA_F
ClientSampleId :
PB164702BS

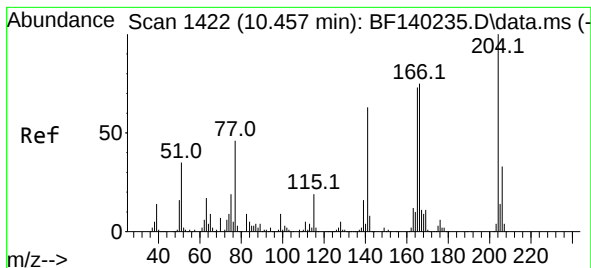
Tgt Ion:232 Resp: 339556
Ion Ratio Lower Upper
232 100
131 44.0 37.2 55.8
130 2.3 1.8 2.8
166 29.6 24.3 36.5



#60
Diethylphthalate
Concen: 47.997 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:149 Resp: 1235348
Ion Ratio Lower Upper
149 100
177 23.1 18.1 27.1
150 12.9 10.2 15.4

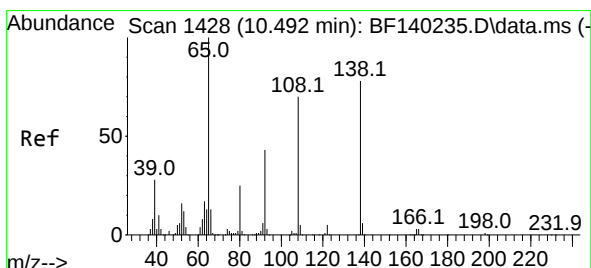
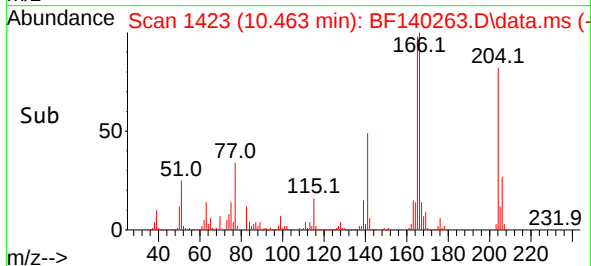
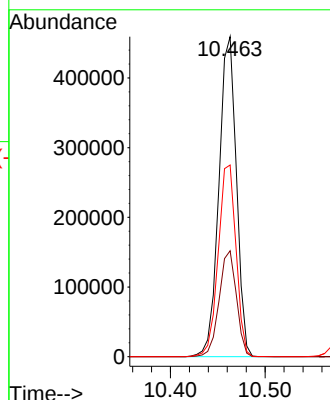
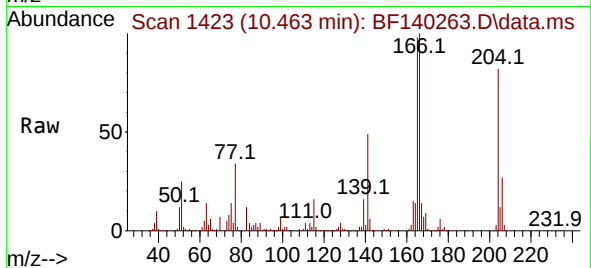




#61
4-Chlorophenyl-phenylether
Concen: 45.711 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

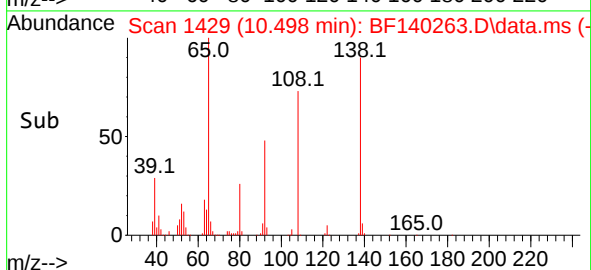
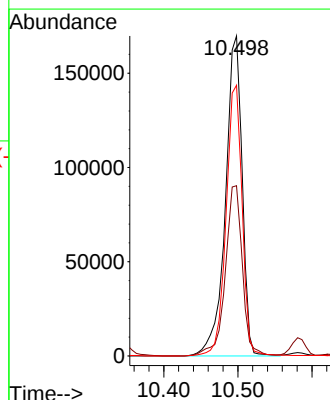
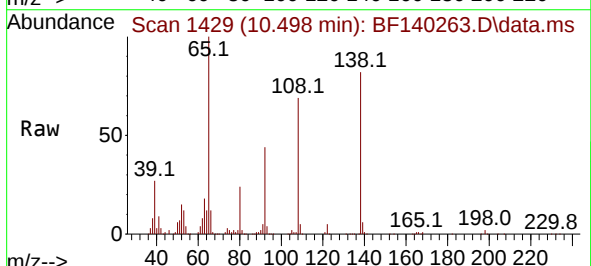
Instrument :
BNA_F
ClientSampleId :
PB164702BS

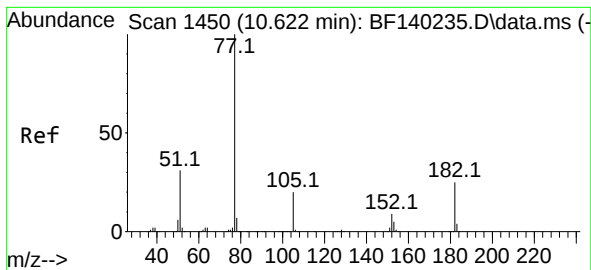
Tgt Ion:204 Resp: 589156
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 59.9 50.3 75.5



#62
4-Nitroaniline
Concen: 46.745 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:138 Resp: 266296
Ion Ratio Lower Upper
138 100
92 53.2 35.3 75.3
108 84.6 70.1 110.1





#63

Azobenzene

Concen: 45.651 ng

RT: 10.622 min Scan# 1450

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

Tgt Ion: 77 Resp: 1218001

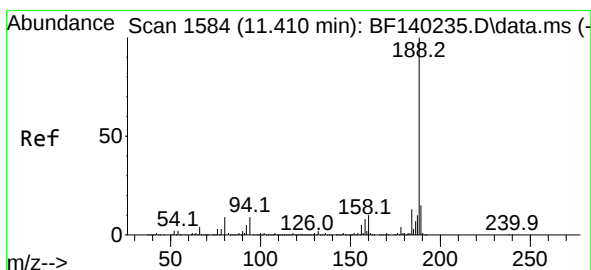
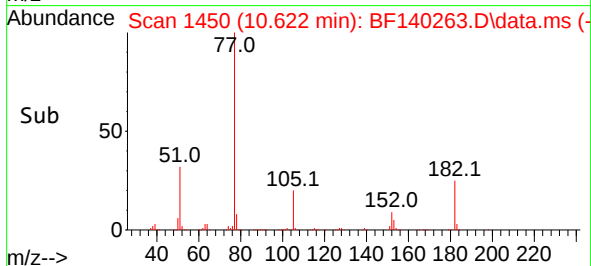
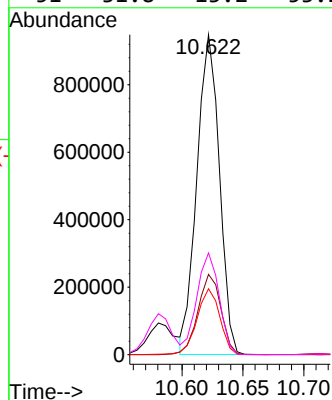
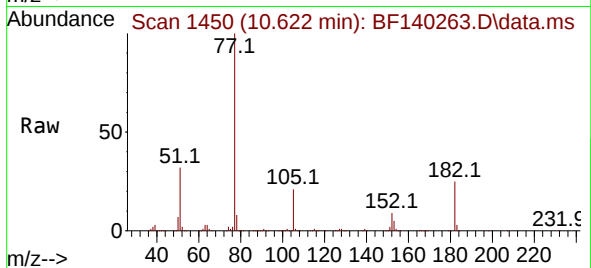
Ion Ratio Lower Upper

77 100

182 25.1 4.7 44.7

105 20.6 0.0 40.0

51 31.8 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: BF140263.D

Acq: 07 Nov 2024 09:54

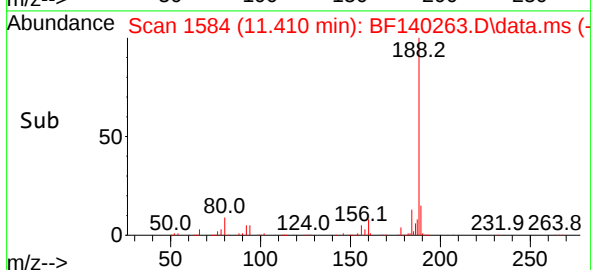
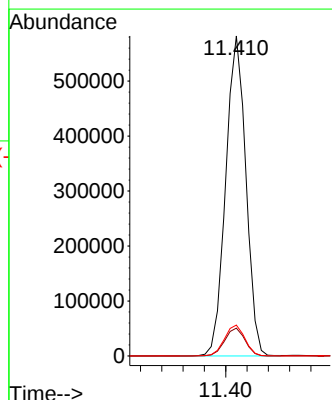
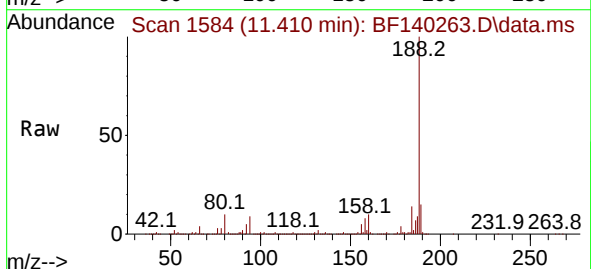
Tgt Ion: 188 Resp: 766202

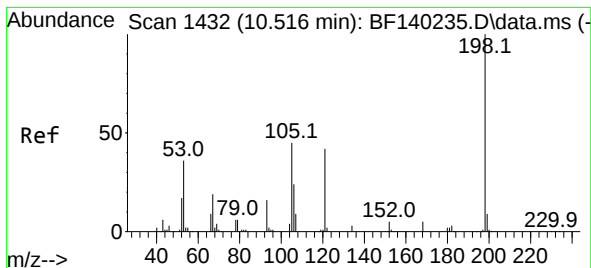
Ion Ratio Lower Upper

188 100

94 8.7 6.9 10.3

80 9.6 7.5 11.3

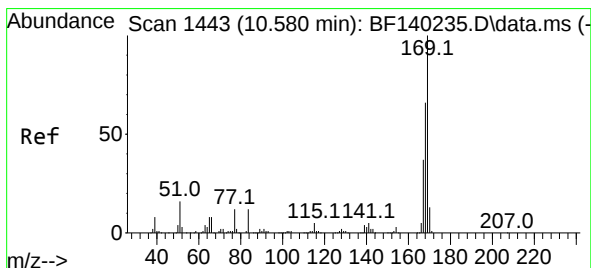
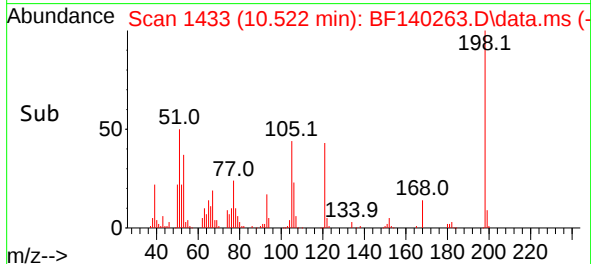
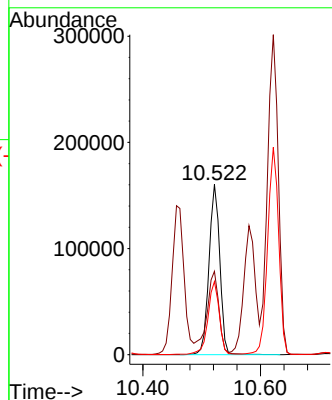
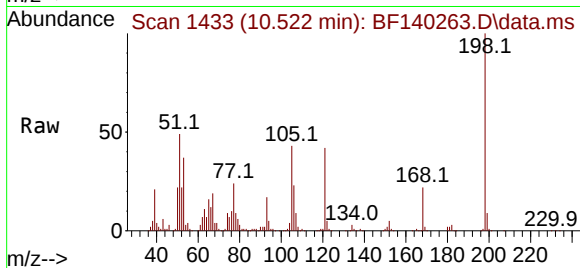




#65
4,6-Dinitro-2-methylphenol
Concen: 50.754 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

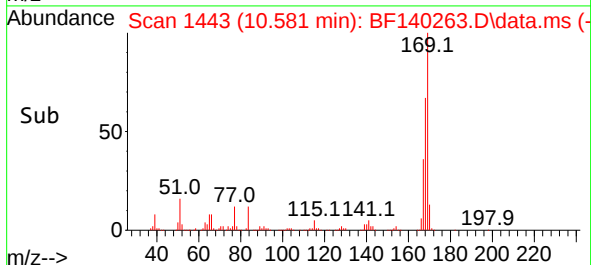
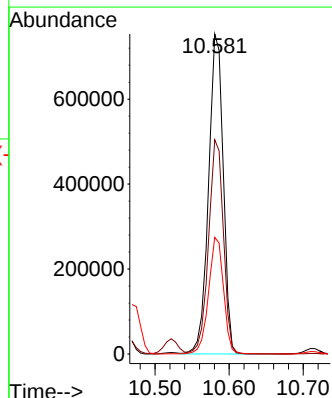
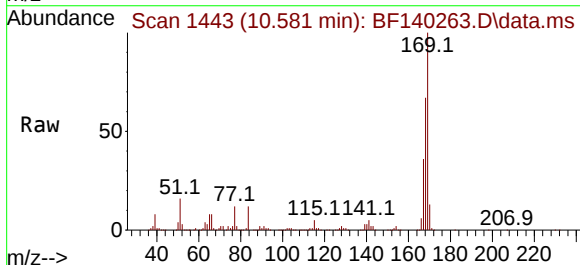
Instrument :
BNA_F
ClientSampleId :
PB164702BS

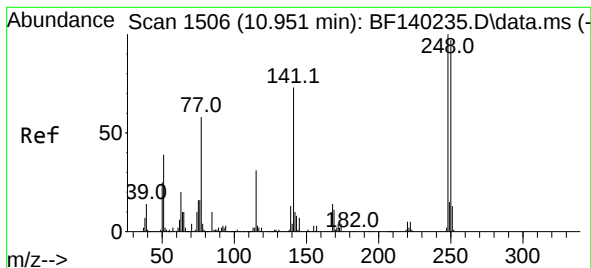
Tgt Ion:198 Resp: 204242
Ion Ratio Lower Upper
198 100
51 49.0 34.0 74.0
105 43.0 25.1 65.1



#66
n-Nitrosodiphenylamine
Concen: 47.101 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:169 Resp: 1037989
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.5 29.4 44.2

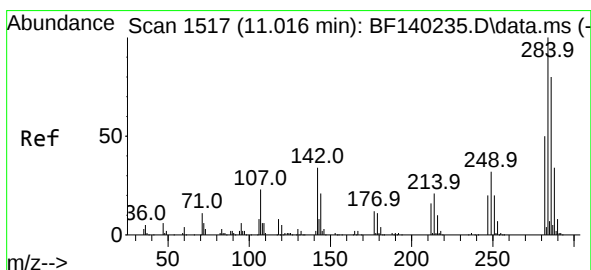
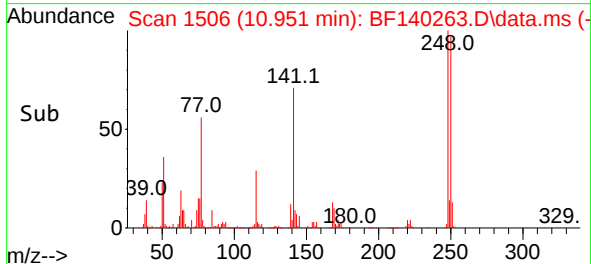
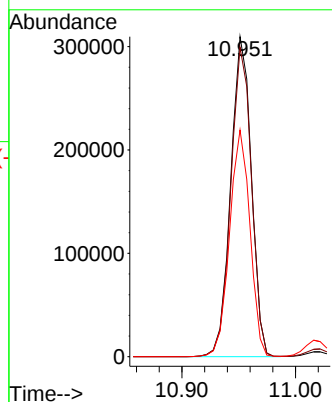
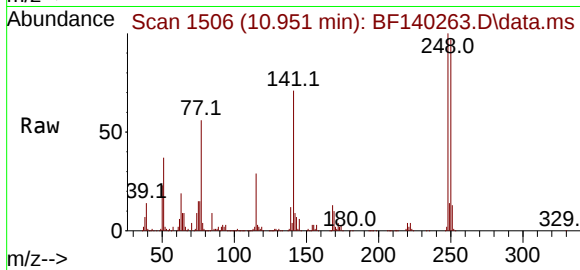




#67
4-Bromophenyl-phenylether
Concen: 47.266 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

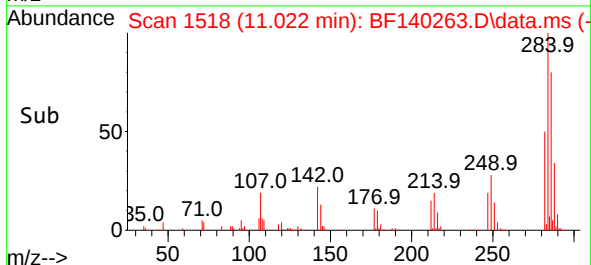
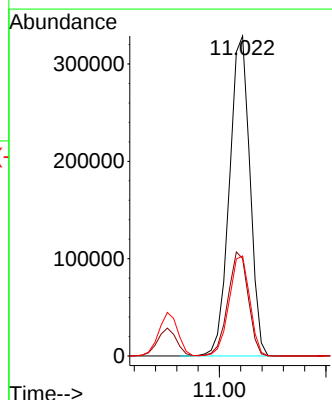
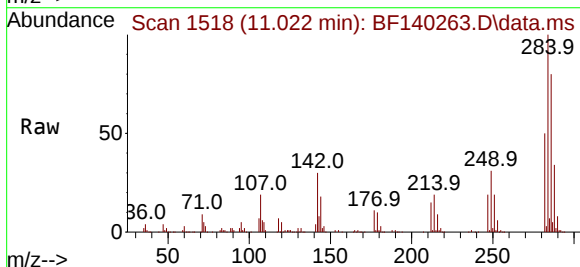
Instrument :
BNA_F
ClientSampleId :
PB164702BS

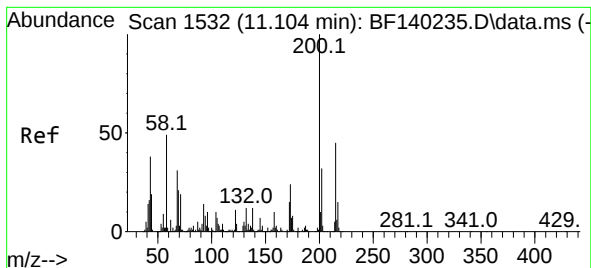
Tgt Ion:248 Resp: 389977
Ion Ratio Lower Upper
248 100
250 96.7 77.9 116.9
141 70.9 58.6 88.0



#68
Hexachlorobenzene
Concen: 46.670 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:284 Resp: 438918
Ion Ratio Lower Upper
284 100
142 30.4 27.5 41.3
249 31.2 26.2 39.2





#69

Atrazine

Concen: 63.311 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

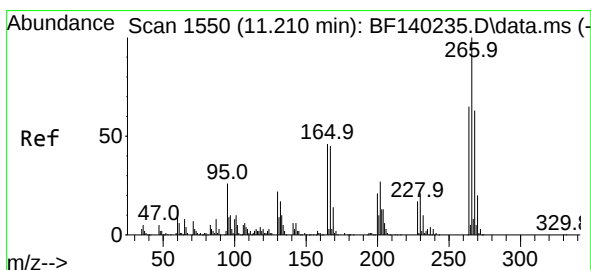
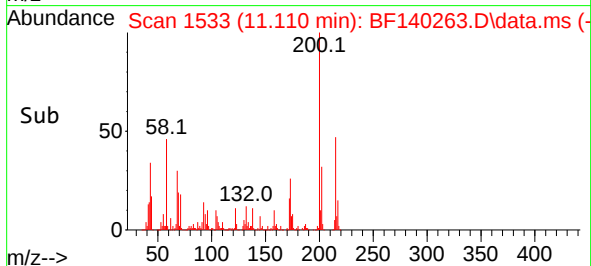
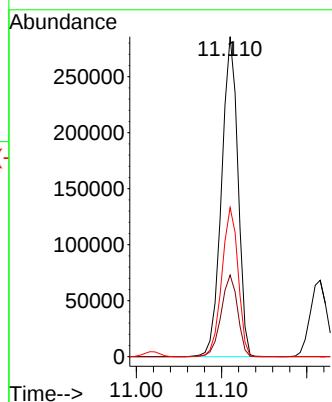
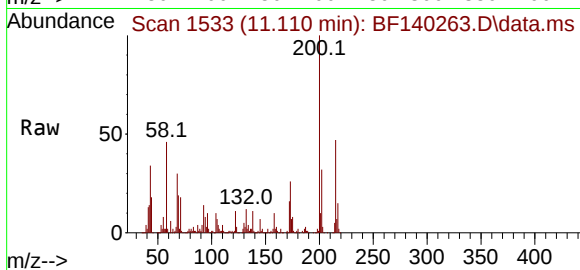
Tgt Ion:200 Resp: 381716

Ion Ratio Lower Upper

200 100

173 25.5 4.4 44.4

215 46.6 25.2 65.2



#70

Pentachlorophenol

Concen: 99.717 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

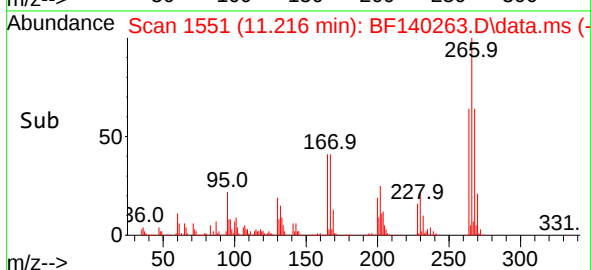
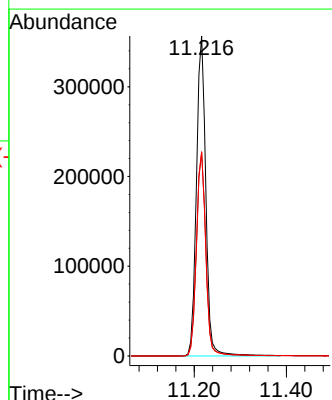
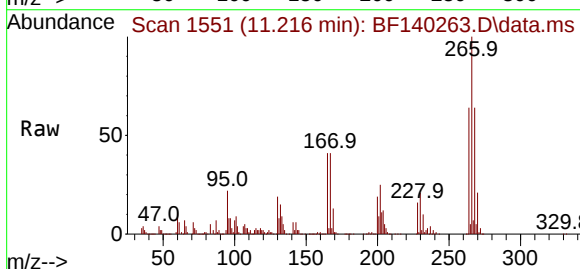
Tgt Ion:266 Resp: 503578

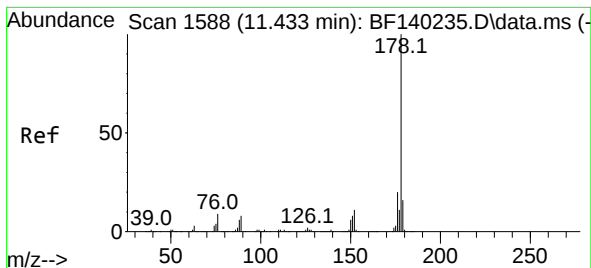
Ion Ratio Lower Upper

266 100

268 63.7 50.2 75.4

264 63.9 52.2 78.4





#71

Phenanthrene

Concen: 47.221 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

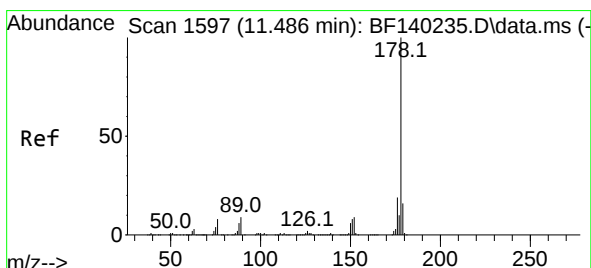
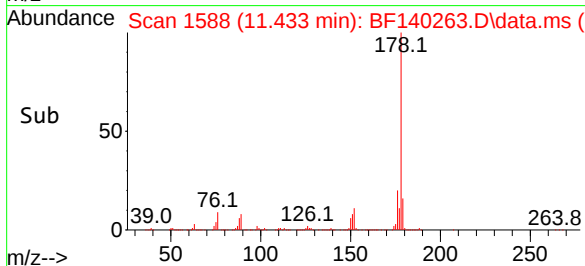
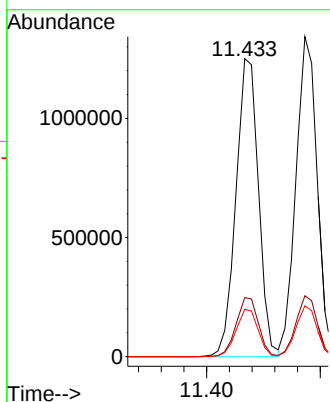
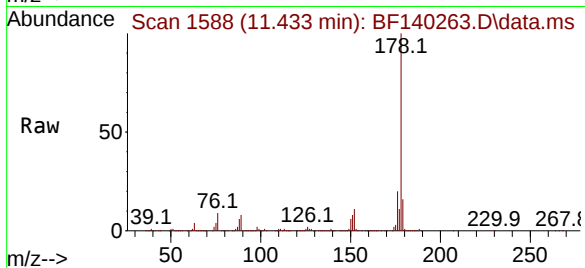
Tgt Ion:178 Resp: 1726671

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

179 15.8 12.6 18.8



#72

Anthracene

Concen: 48.472 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

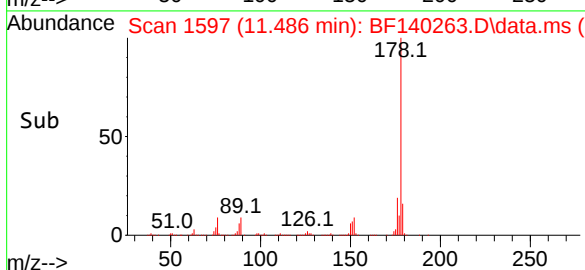
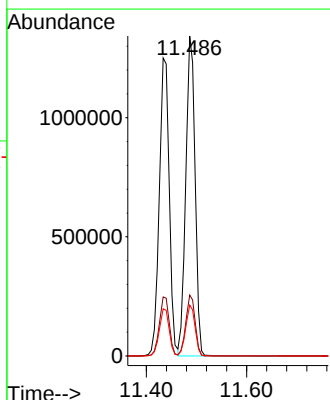
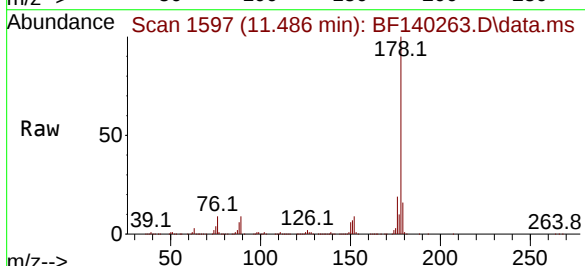
Tgt Ion:178 Resp: 1737994

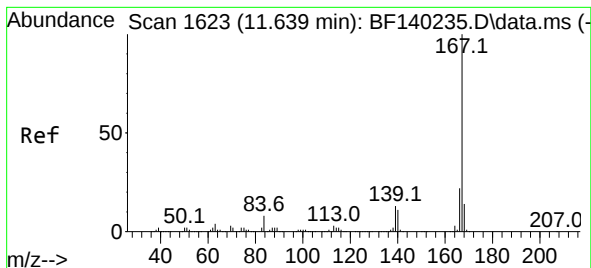
Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.0

179 15.9 12.7 19.1





#73

Carbazole

Concen: 46.440 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

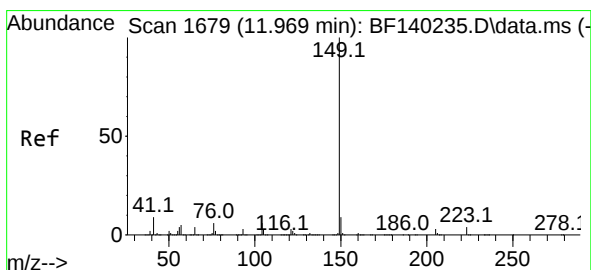
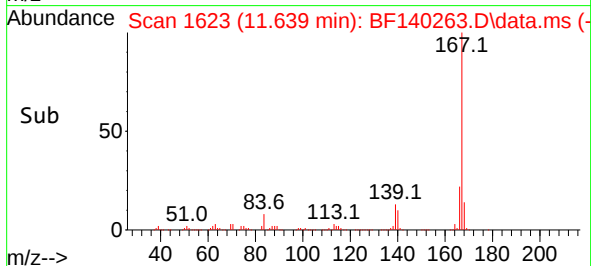
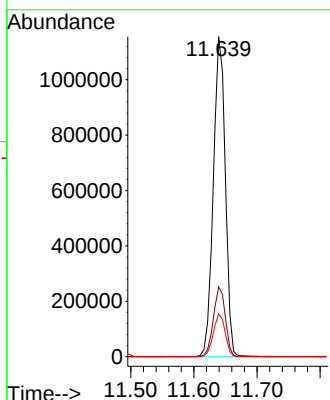
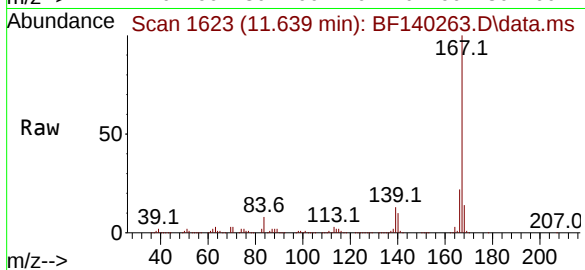
Tgt Ion:167 Resp: 1521462

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.4 10.7 16.1



#74

Di-n-butylphthalate

Concen: 48.145 ng

RT: 11.969 min Scan# 1679

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

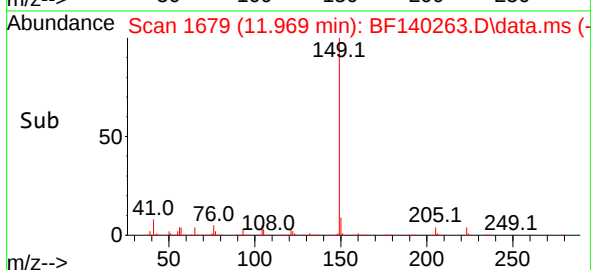
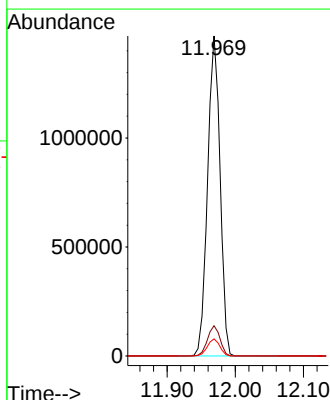
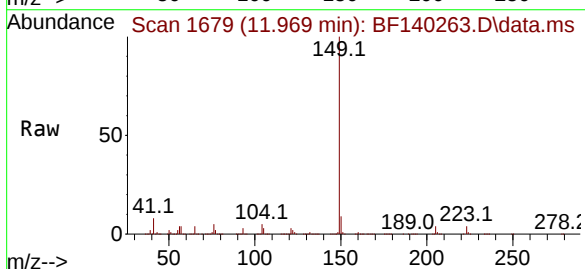
Tgt Ion:149 Resp: 1867096

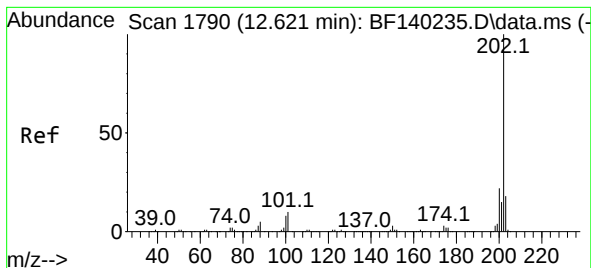
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.3 4.5 6.7

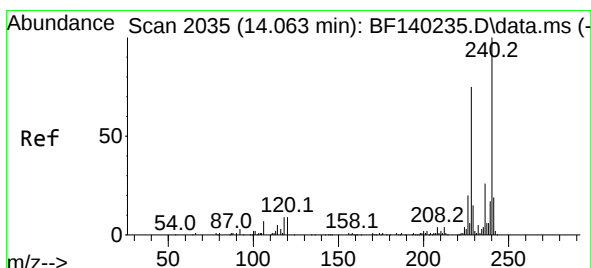
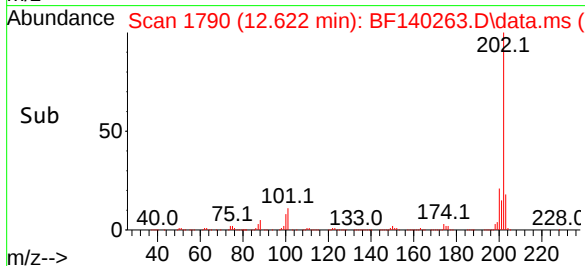
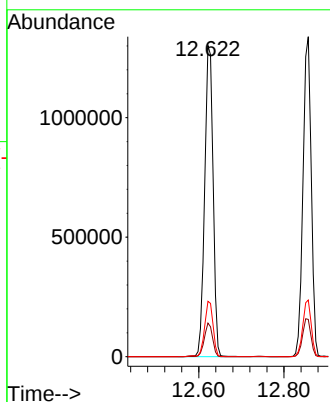
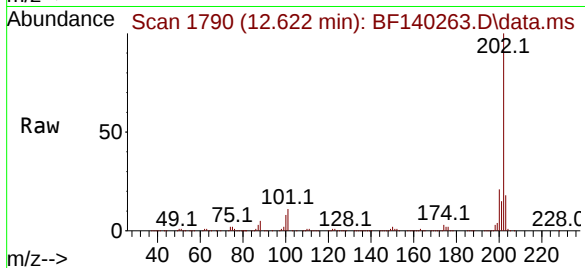




#75
Fluoranthene
Concen: 46.787 ng
RT: 12.622 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

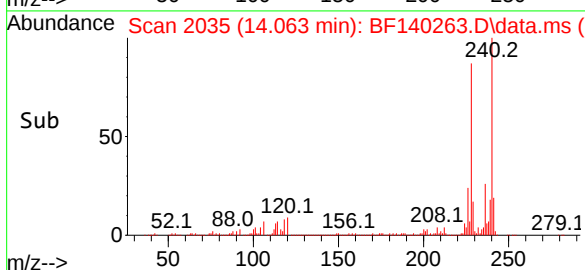
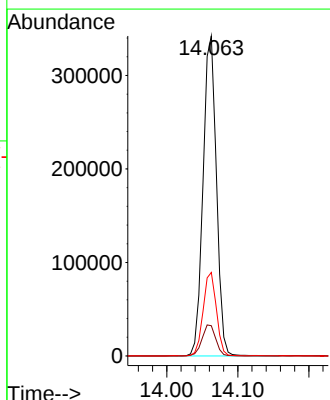
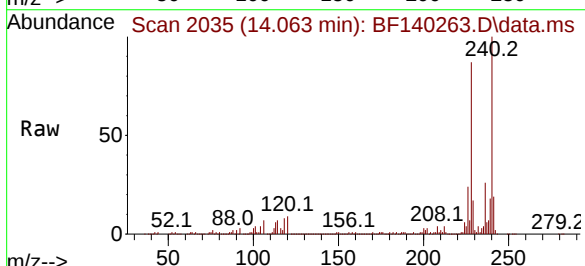
Instrument :
BNA_F
ClientSampleId :
PB164702BS

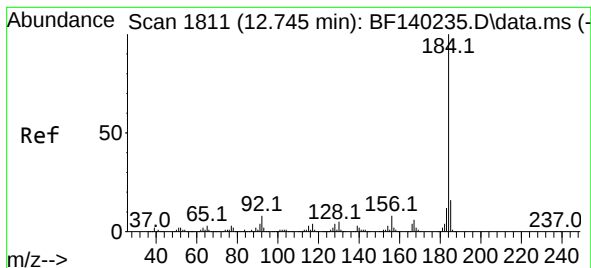
Tgt Ion:202 Resp: 1788878
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.4
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:240 Resp: 449132
Ion Ratio Lower Upper
240 100
120 9.5 7.5 11.3
236 26.1 20.9 31.3





#77

Benzidine

Concen: 45.968 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

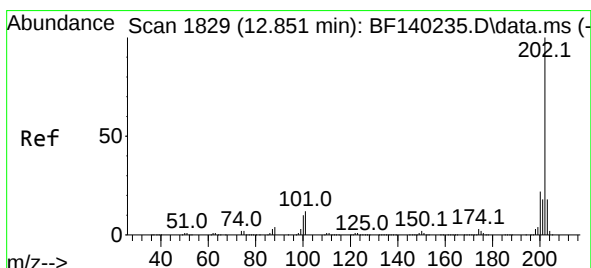
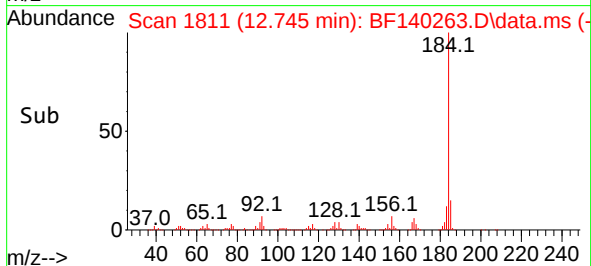
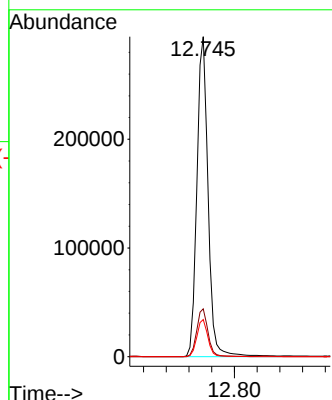
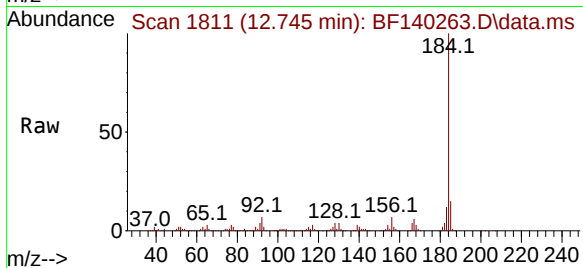
Tgt Ion:184 Resp: 403658

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

183 11.6 9.3 13.9



#78

Pyrene

Concen: 48.539 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

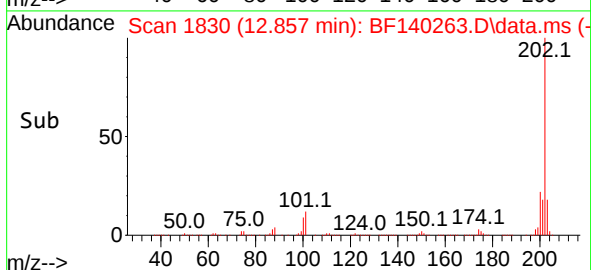
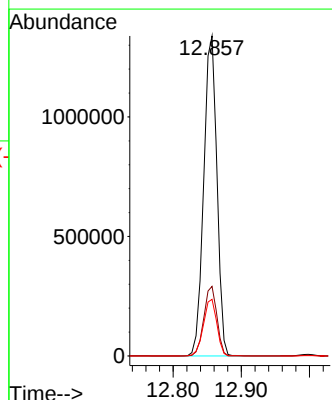
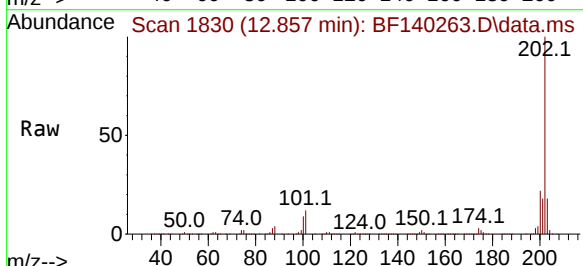
Tgt Ion:202 Resp: 1800007

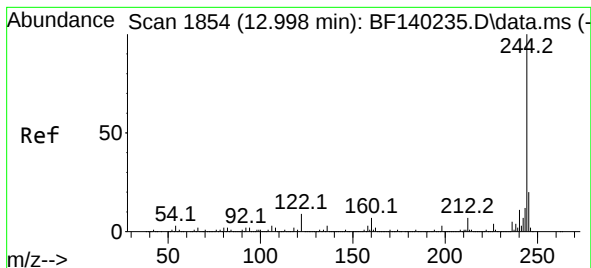
Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 97.268 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

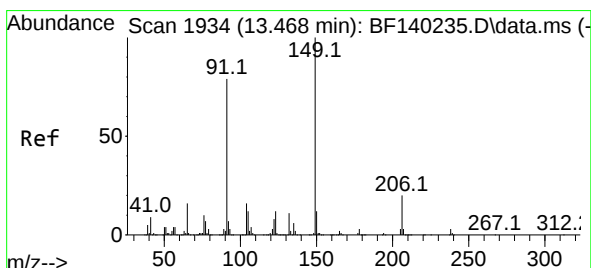
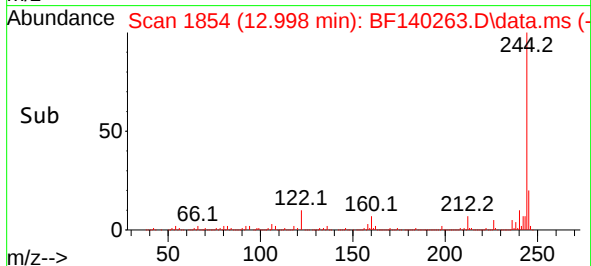
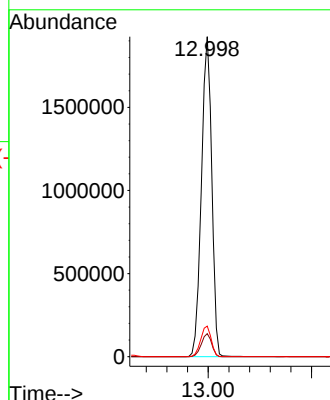
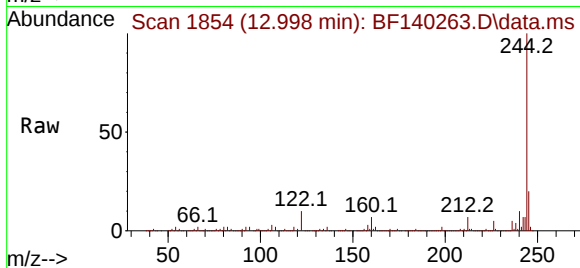
Tgt Ion:244 Resp: 2666837

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.5 7.6 11.4



#80

Butylbenzylphthalate

Concen: 53.286 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

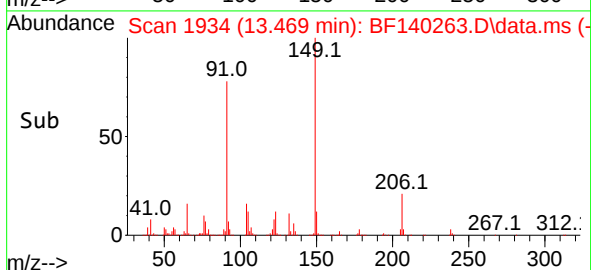
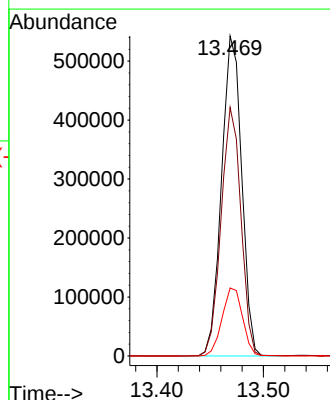
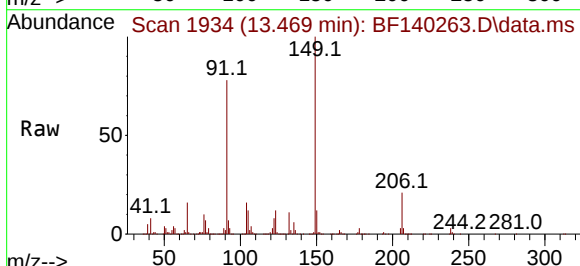
Tgt Ion:149 Resp: 711541

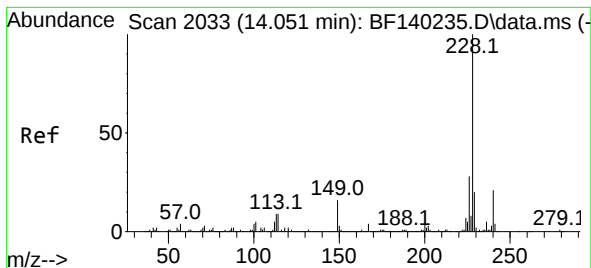
Ion Ratio Lower Upper

149 100

91 77.7 63.0 94.4

206 21.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.239 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

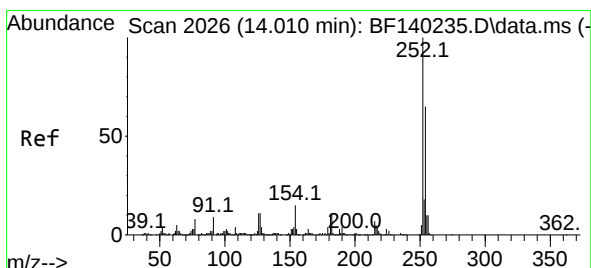
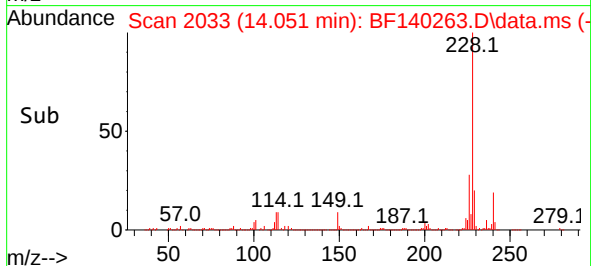
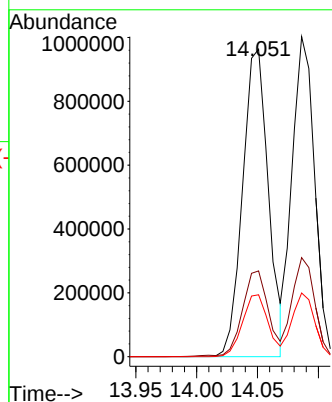
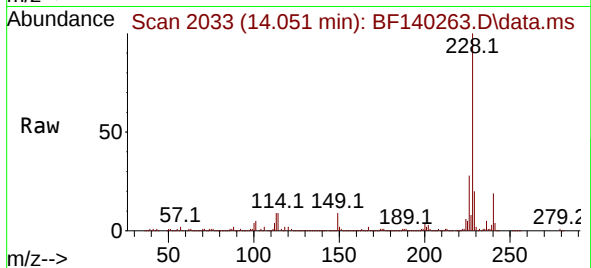
Tgt Ion:228 Resp: 1419222

Ion Ratio Lower Upper

228 100

226 27.9 22.3 33.5

229 20.2 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 36.451 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

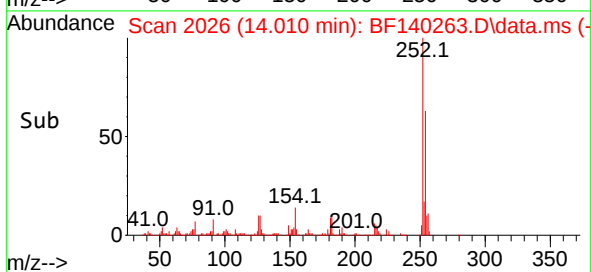
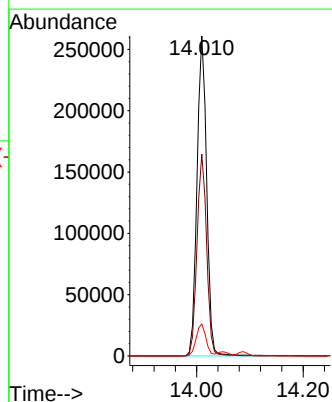
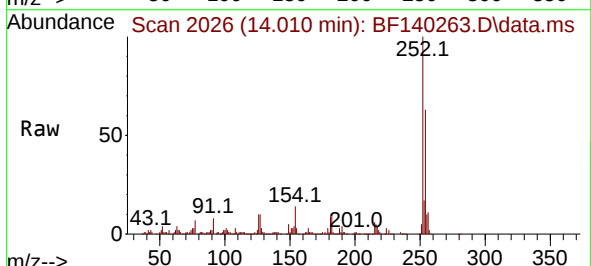
Tgt Ion:252 Resp: 329931

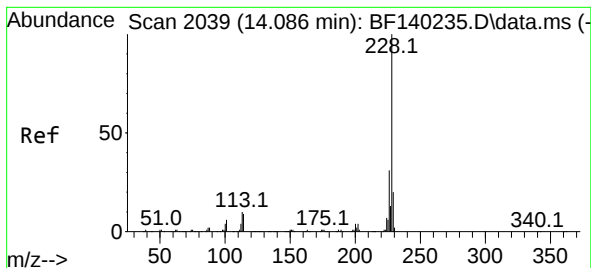
Ion Ratio Lower Upper

252 100

254 63.1 51.8 77.8

126 10.0 8.6 12.8





#83

Chrysene

Concen: 47.893 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

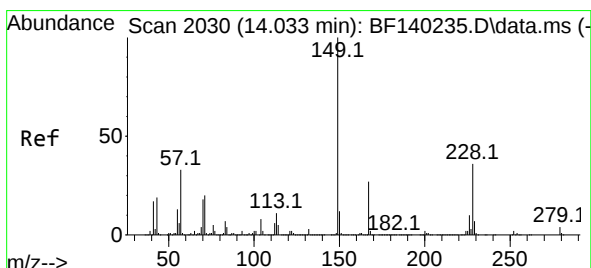
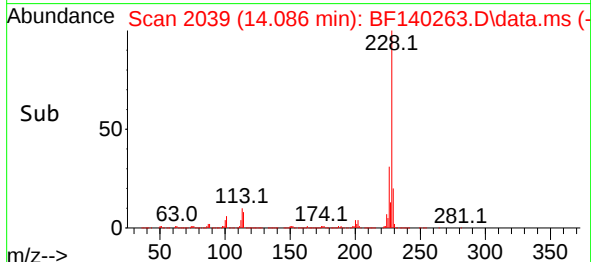
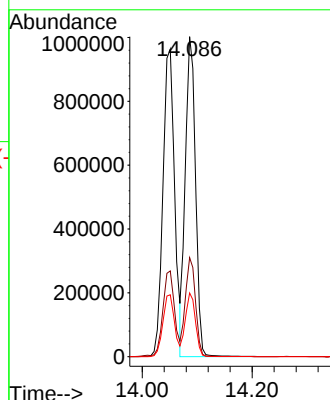
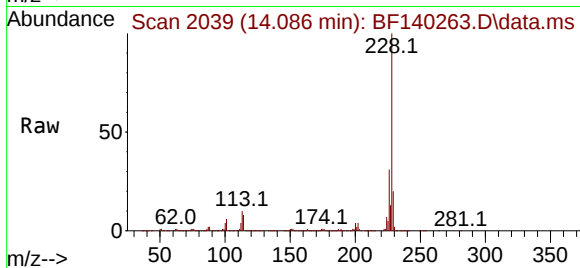
Tgt Ion:228 Resp: 1292706

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

229 19.9 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.041 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

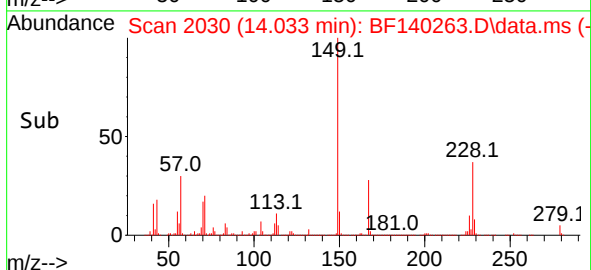
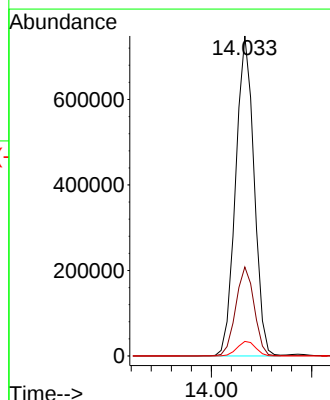
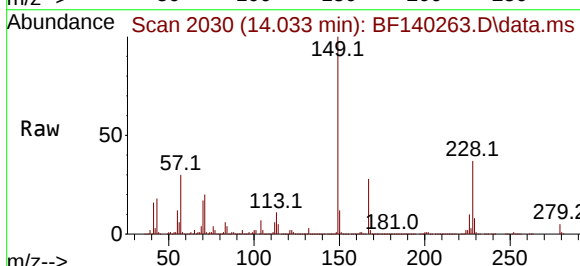
Tgt Ion:149 Resp: 955248

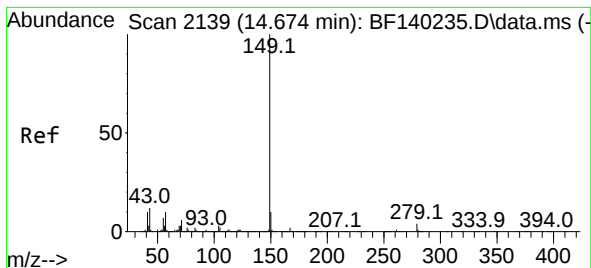
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.726 ng

RT: 14.669 min Scan# 2138

Delta R.T. -0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

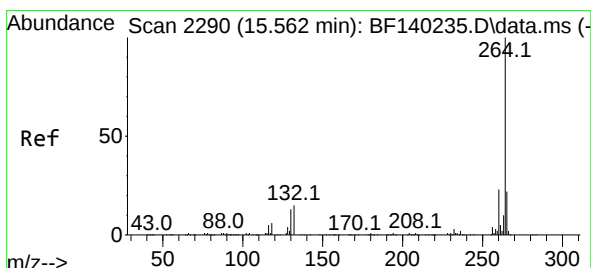
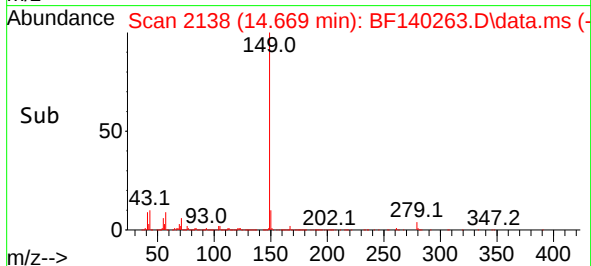
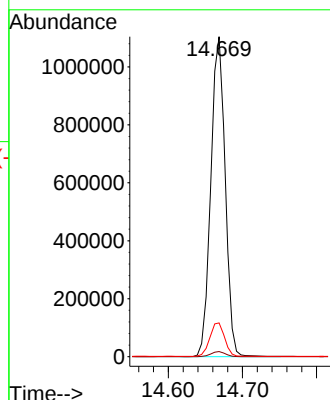
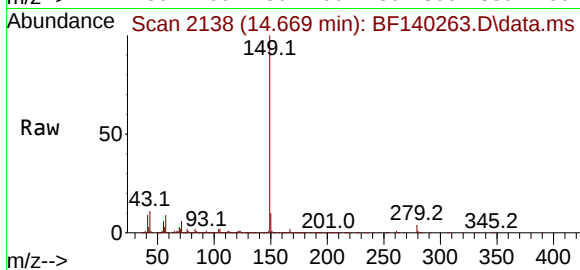
Tgt Ion:149 Resp: 1485254

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 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: BF140263.D

Acq: 07 Nov 2024 09:54

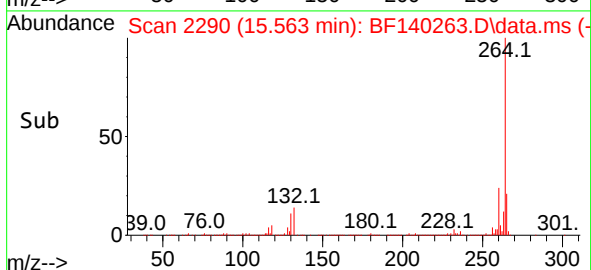
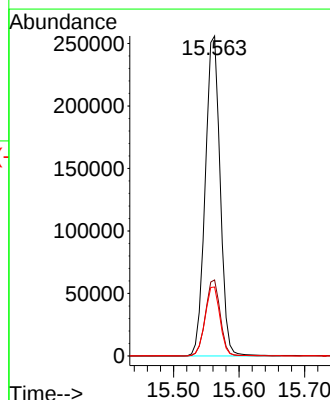
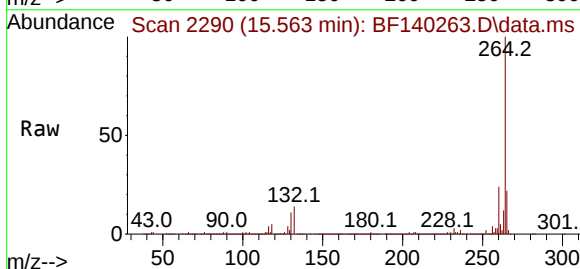
Tgt Ion:264 Resp: 405153

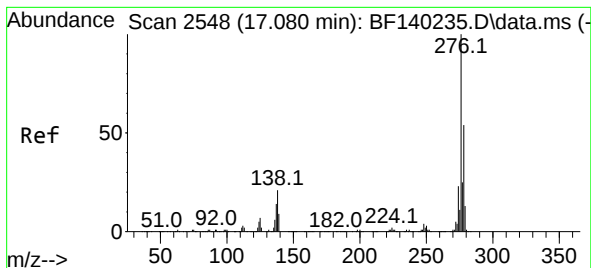
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.462 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

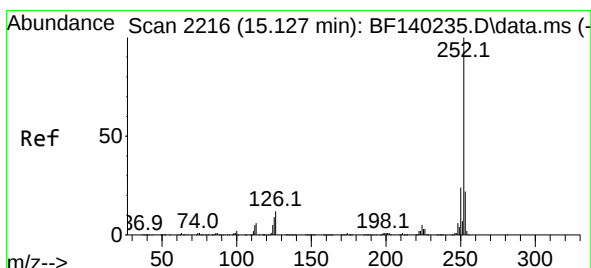
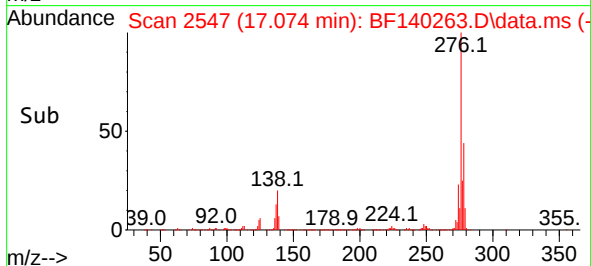
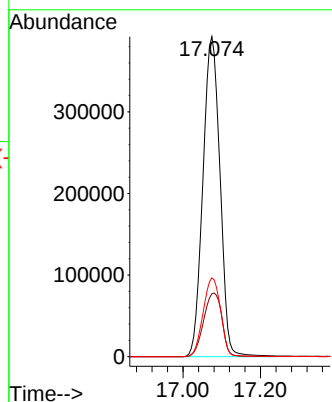
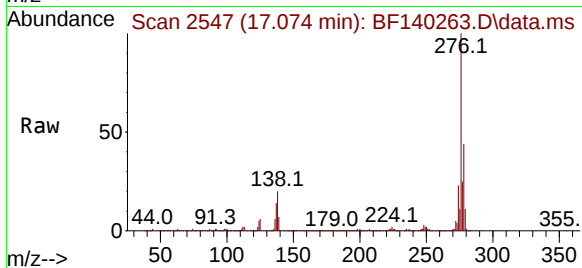
Tgt Ion:276 Resp: 1200098

Ion Ratio Lower Upper

276 100

138 21.4 17.6 26.4

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 50.267 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

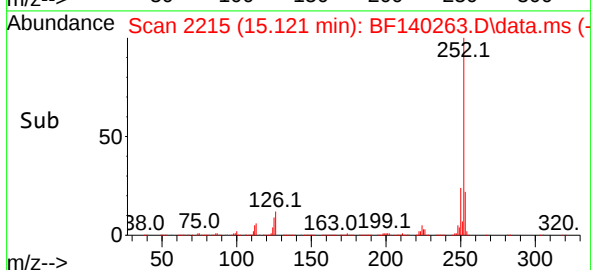
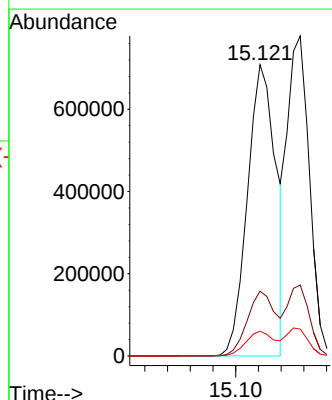
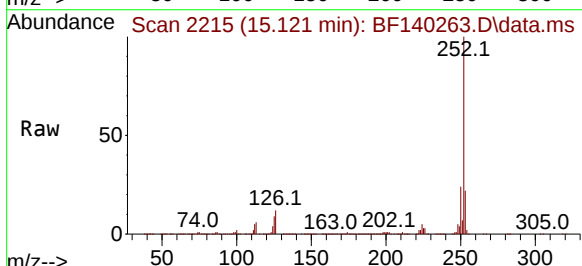
Tgt Ion:252 Resp: 1231890

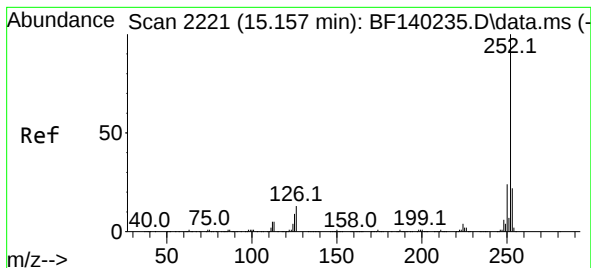
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 8.5 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 47.328 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

Instrument :

BNA_F

ClientSampleId :

PB164702BS

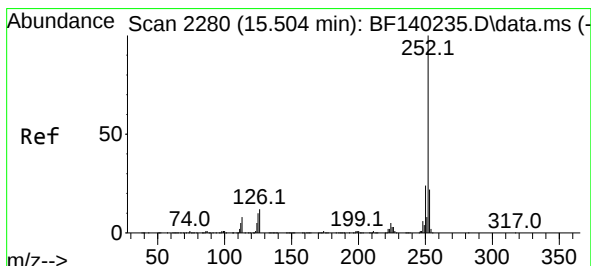
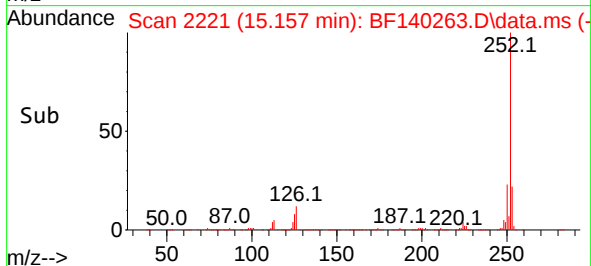
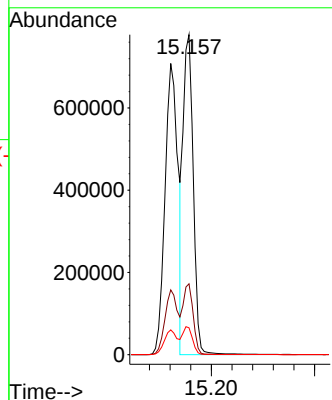
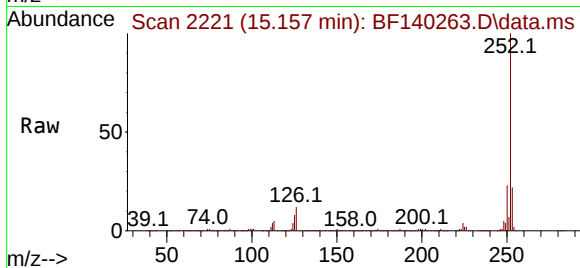
Tgt Ion:252 Resp: 1064300

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 8.4 7.2 10.8



#90

Benzo(a)pyrene

Concen: 52.355 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF140263.D

Acq: 07 Nov 2024 09:54

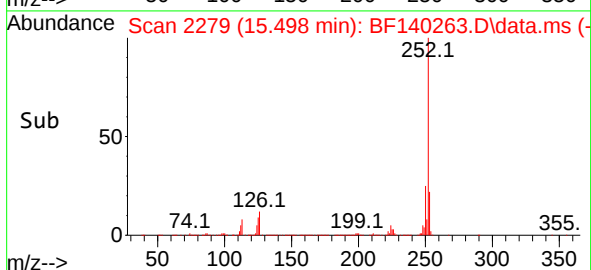
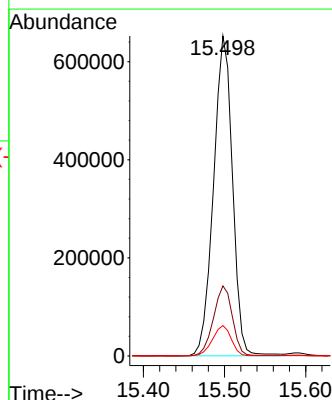
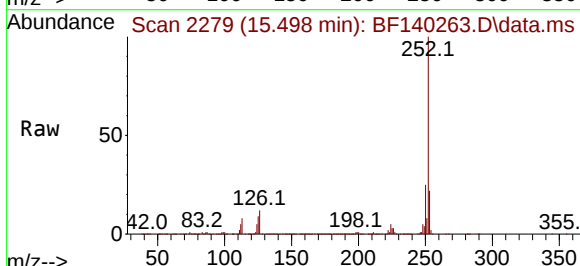
Tgt Ion:252 Resp: 1057870

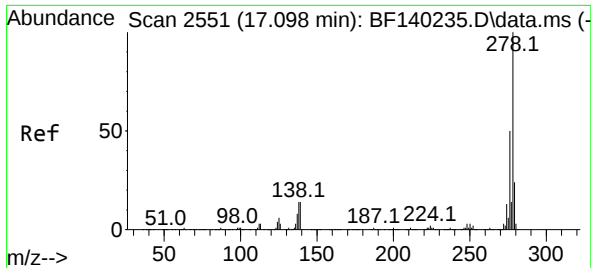
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.5 7.6 11.4

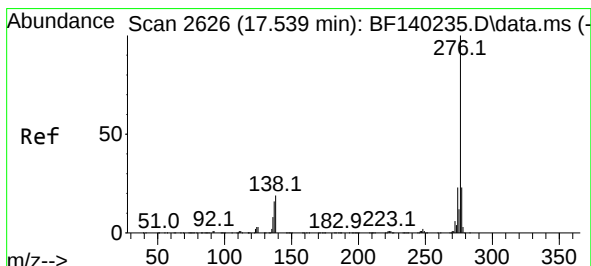
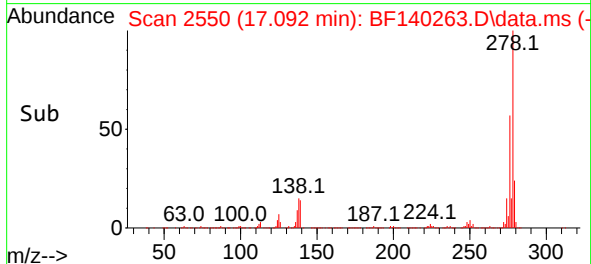
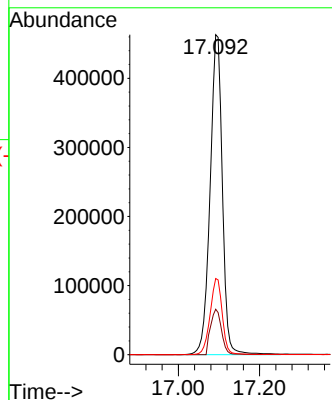
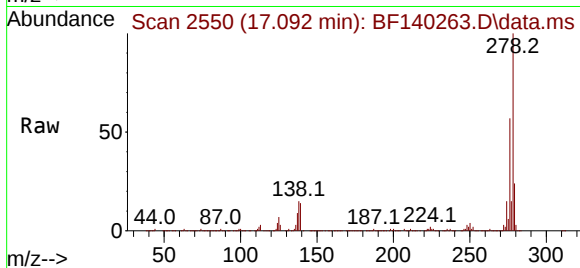




#91
Dibenzo(a,h)anthracene
Concen: 49.465 ng
RT: 17.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Instrument :
BNA_F
ClientSampleId :
PB164702BS

Tgt Ion:278 Resp: 967859
Ion Ratio Lower Upper
278 100
139 14.2 11.1 16.7
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 45.049 ng
RT: 17.533 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BF140263.D
Acq: 07 Nov 2024 09:54

Tgt Ion:276 Resp: 899180
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 18.3 15.3 22.9

