

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140452.D
 Acq On : 18 Nov 2024 14:19
 Operator : RC/JU
 Sample : PB164969BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164969BS

Quant Time: Nov 18 14:43:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140355	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	542961	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	303542	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	562649	20.000	ng	0.00
76) Chrysene-d12	14.057	240	328358	20.000	ng	0.00
86) Perylene-d12	15.563	264	268372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	999853	121.630	ng	0.02
7) Phenol-d6	6.516	99	1309306	117.559	ng	0.01
23) Nitrobenzene-d5	7.440	82	861125	82.634	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	379070	125.583	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1581098	83.734	ng	0.00
79) Terphenyl-d14	12.986	244	1759527	93.014	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	139495	38.073	ng	98
3) Pyridine	3.487	79	360482	40.021	ng	99
4) n-Nitrosodimethylamine	3.440	42	190951	41.946	ng	97
6) Aniline	6.540	93	363568	37.525	ng	# 62
8) 2-Chlorophenol	6.663	128	404610	45.820	ng	98
9) Benzaldehyde	6.428	77	272367	40.804	ng	97
10) Phenol	6.528	94	505784	43.063	ng	83
11) bis(2-Chloroethyl)ether	6.610	93	390967	43.932	ng	99
12) 1,3-Dichlorobenzene	6.816	146	412463	42.335	ng	100
13) 1,4-Dichlorobenzene	6.893	146	424656	42.985	ng	100
14) 1,2-Dichlorobenzene	7.045	146	398966	43.502	ng	100
15) Benzyl Alcohol	7.016	79	364043	45.368	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	528778	43.016	ng	76
17) 2-Methylphenol	7.134	107	322080	44.338	ng	# 94
18) Hexachloroethane	7.387	117	157629	43.160	ng	100
19) n-Nitroso-di-n-propyla...	7.281	70	286509	42.594	ng	99
20) 3+4-Methylphenols	7.287	107	401362	44.181	ng	97
22) Acetophenone	7.281	105	530788	42.032	ng	99
24) Nitrobenzene	7.457	77	443530	40.878	ng	99
25) Isophorone	7.692	82	793111	42.943	ng	99
26) 2-Nitrophenol	7.769	139	215542	44.767	ng	98
27) 2,4-Dimethylphenol	7.810	122	314736	51.059	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	489301	43.206	ng	99
29) 2,4-Dichlorophenol	8.016	162	340155	44.651	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	350892	41.372	ng	99
31) Naphthalene	8.175	128	1165846	42.328	ng	100
32) Benzoic acid	7.940	122	230552	42.506	ng	99
33) 4-Chloroaniline	8.228	127	176404	18.416	ng	98
34) Hexachlorobutadiene	8.292	225	225130	41.660	ng	99
35) Caprolactam	8.592	113	71541	28.255	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	371810	44.041	ng	99
37) 2-Methylnaphthalene	8.869	142	765271	43.330	ng	100
38) 1-Methylnaphthalene	8.969	142	716759	41.444	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	364394	43.412	ng	99
41) Hexachlorocyclopentadiene	9.016	237	366320	169.973	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	236726	42.974	ng	99

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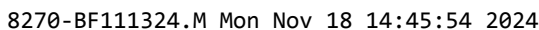
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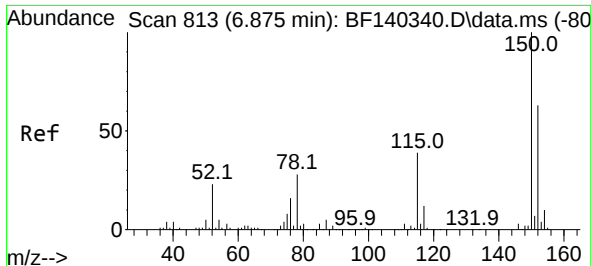
Quant Time: Nov 18 14:43:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	259469	43.082	ng	97
46) 1,1'-Biphenyl	9.334	154	954253	43.213	ng	100
47) 2-Chloronaphthalene	9.357	162	710122	42.215	ng	99
48) 2-Nitroaniline	9.457	65	237028	42.488	ng	98
49) Acenaphthylene	9.775	152	1185818	46.592	ng	100
50) Dimethylphthalate	9.634	163	874992	44.225	ng	100
51) 2,6-Dinitrotoluene	9.698	165	190545	42.244	ng	99
52) Acenaphthene	9.945	154	714910	41.588	ng	99
53) 3-Nitroaniline	9.869	138	123949	26.167	ng	99
54) 2,4-Dinitrophenol	9.981	184	206528	88.791	ng	98
55) Dibenzofuran	10.122	168	1059505	43.538	ng	100
56) 4-Nitrophenol	10.045	139	281641	81.513	ng	98
57) 2,4-Dinitrotoluene	10.104	165	260002	43.799	ng	97
58) Fluorene	10.463	166	826194	42.977	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	224479	47.205	ng	98
60) Diethylphthalate	10.333	149	877272	43.362	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	410675	43.271	ng	98
62) 4-Nitroaniline	10.486	138	199969	41.287	ng	98
63) Azobenzene	10.616	77	861268	43.086	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	144142	47.616	ng	97
66) n-Nitrosodiphenylamine	10.575	169	728262	44.797	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	251423	44.703	ng	99
68) Hexachlorobenzene	11.016	284	273875	43.279	ng	97
69) Atrazine	11.098	200	240154	48.827	ng	99
70) Pentachlorophenol	11.210	266	279391	81.963	ng	99
71) Phenanthrene	11.428	178	1172050	44.344	ng	99
72) Anthracene	11.480	178	1199257	46.297	ng	99
73) Carbazole	11.633	167	1102601	43.108	ng	100
74) Di-n-butylphthalate	11.957	149	1353096	44.077	ng	100
75) Fluoranthene	12.616	202	1265420	42.674	ng	99
77) Benzidine	12.739	184	350281	27.794	ng	99
78) Pyrene	12.851	202	1289241	45.902	ng	100
80) Butylbenzylphthalate	13.463	149	529440	49.070	ng	97
81) Benzo(a)anthracene	14.045	228	1010007	46.802	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	190474	27.769	ng	99
83) Chrysene	14.086	228	855844	43.465	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	707539	49.129	ng	98
85) Di-n-octyl phthalate	14.663	149	988217	48.721	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	831881	50.180	ng	100
88) Benzo(b)fluoranthene	15.127	252	689717	39.288	ng	99
89) Benzo(k)fluoranthene	15.157	252	702450	48.980	ng	99
90) Benzo(a)pyrene	15.504	252	651772	47.808	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	681797	49.754	ng	100
92) Benzo(g,h,i)perylene	17.533	276	639656	45.659	ng	99

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

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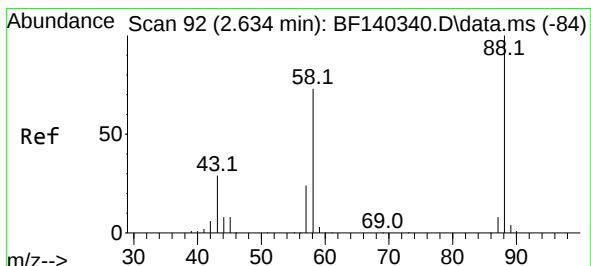
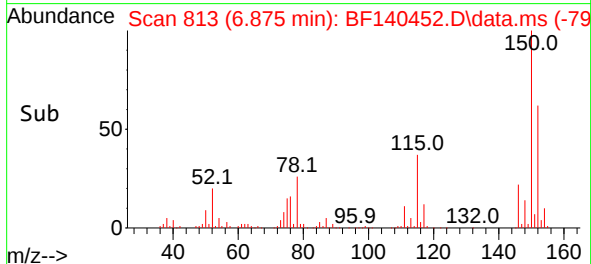
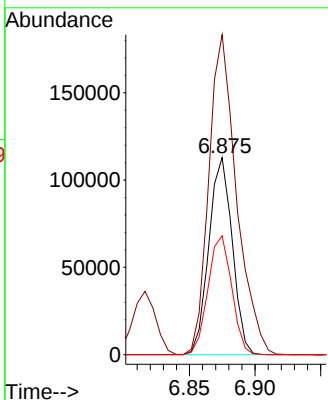
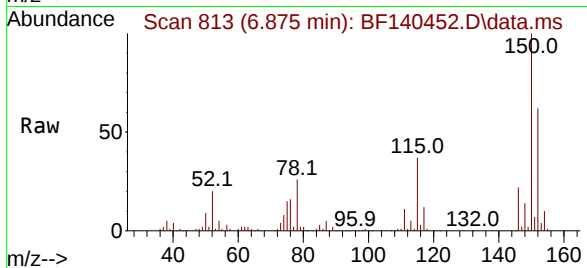




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19

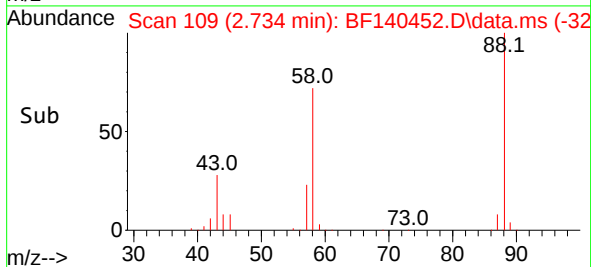
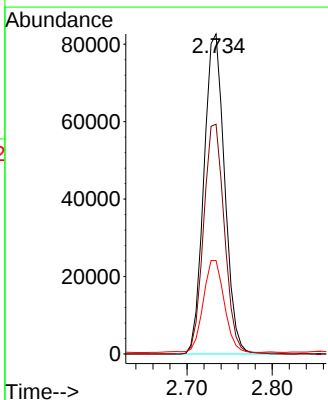
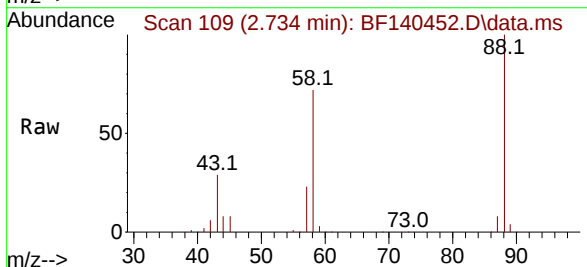
Instrument :
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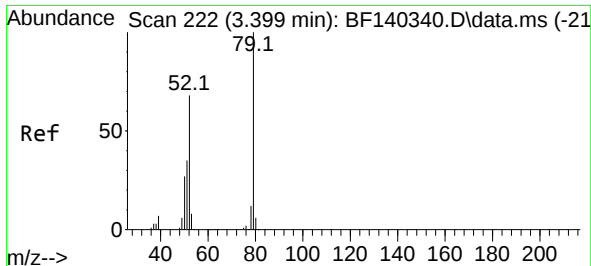
Tgt Ion:152 Resp: 140355
 Ion Ratio Lower Upper
 152 100
 150 162.3 127.4 191.0
 115 60.3 47.4 71.2



#2
 1,4-Dioxane
 Concen: 38.073 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140452.D
 Acq: 18 Nov 2024 14:19

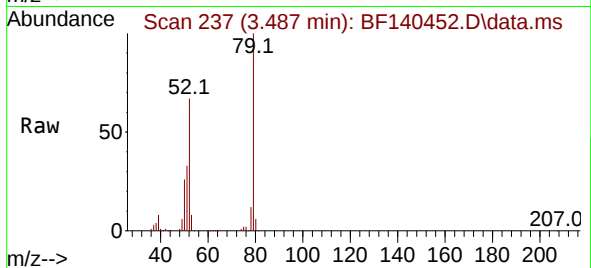
Tgt Ion: 88 Resp: 139495
 Ion Ratio Lower Upper
 88 100
 58 72.5 59.5 89.3
 43 29.3 23.4 35.2



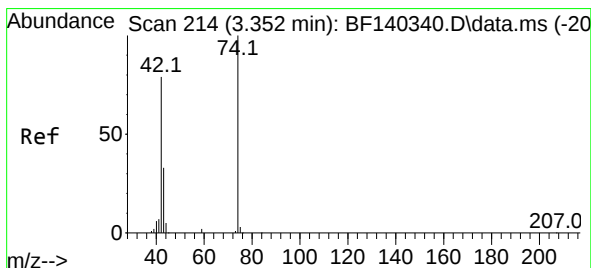
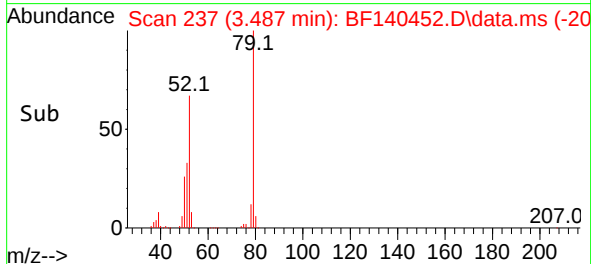
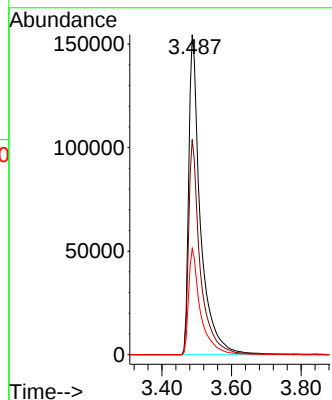


#3
Pyridine
Concen: 40.021 ng
RT: 3.487 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

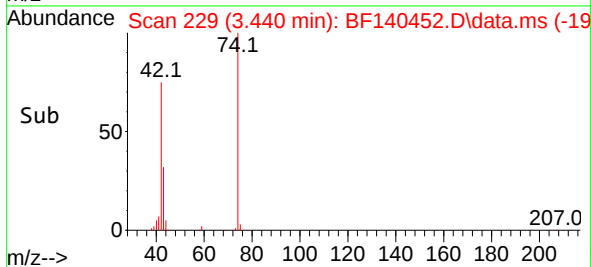
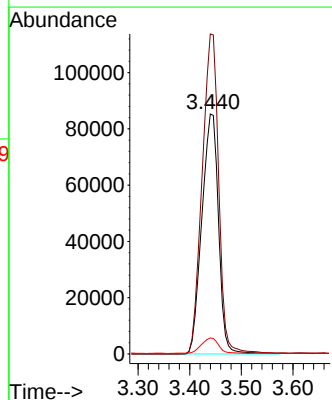
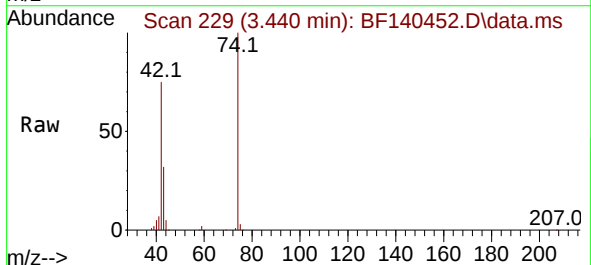


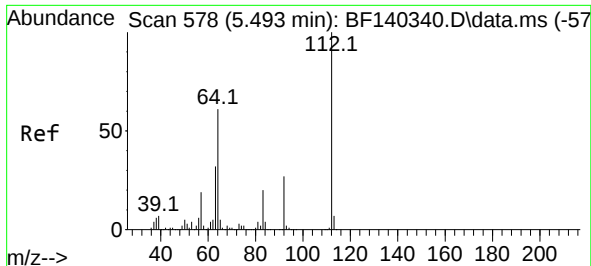
Tgt Ion: 79 Resp: 360482
Ion Ratio Lower Upper
79 100
52 67.3 53.8 80.6
51 33.2 27.3 40.9



#4
n-Nitrosodimethylamine
Concen: 41.946 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.082 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 42 Resp: 190951
Ion Ratio Lower Upper
42 100
74 133.3 103.5 155.3
44 6.7 5.1 7.7

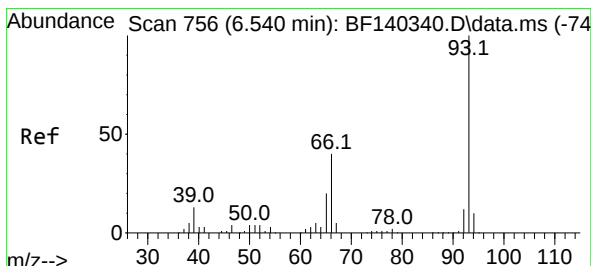
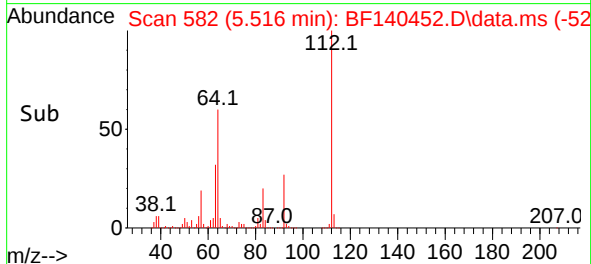
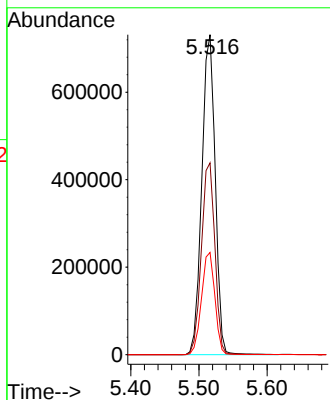
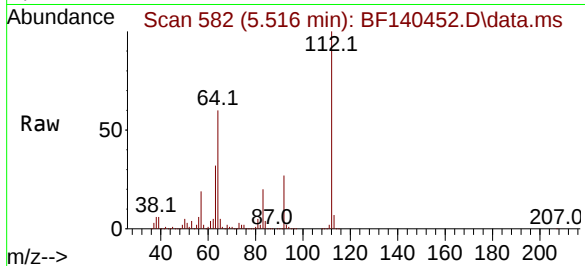




#5
2-Fluorophenol
Concen: 121.630 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

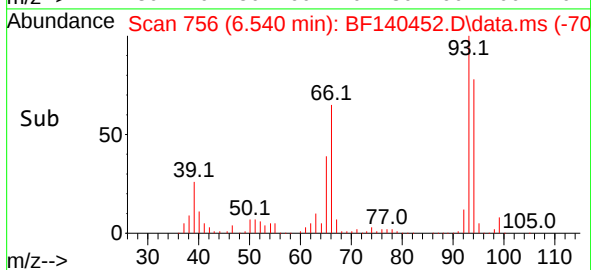
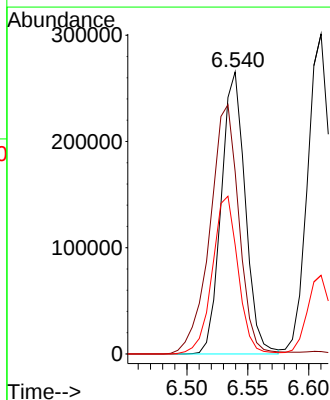
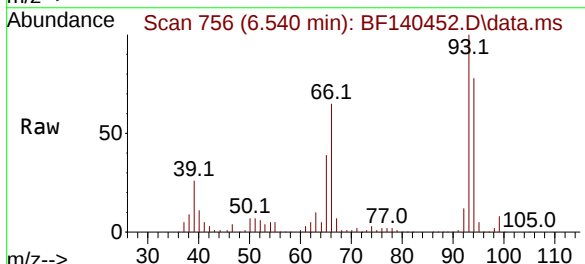
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:112 Resp: 999853
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.0 25.6 38.4



#6
Aniline
Concen: 37.525 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 93 Resp: 363568
Ion Ratio Lower Upper
93 100
66 64.6 32.8 49.2#
65 38.6 16.6 25.0#





#7

Phenol-d6

Concen: 117.559 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

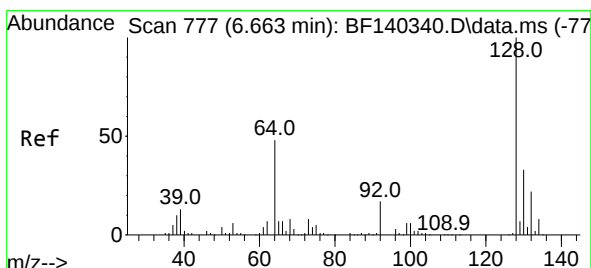
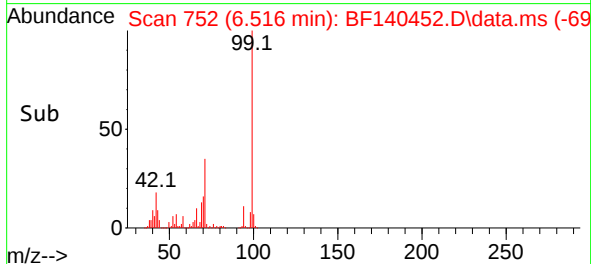
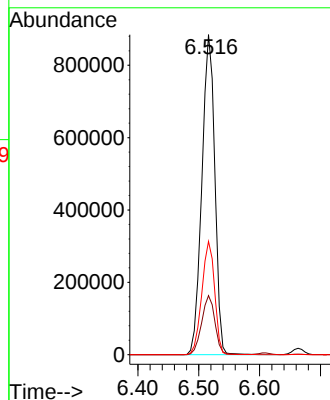
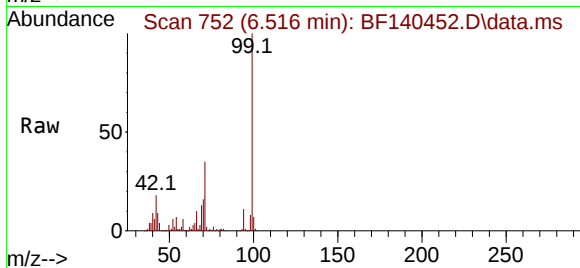
Tgt Ion: 99 Resp: 1309306

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.4 27.9 41.9



#8

2-Chlorophenol

Concen: 45.820 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

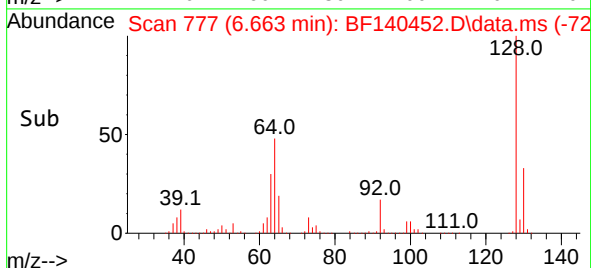
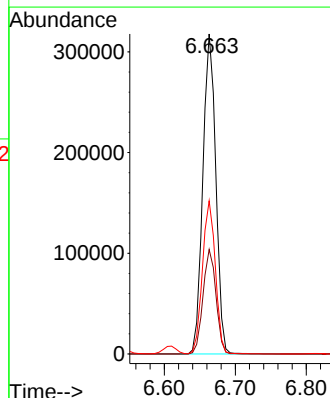
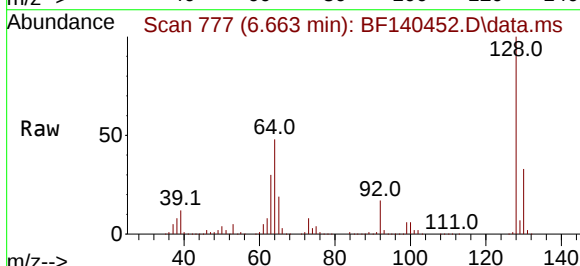
Tgt Ion: 128 Resp: 404610

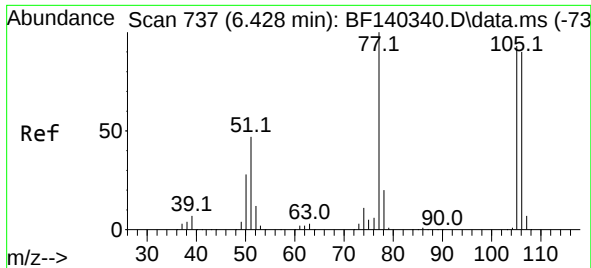
Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 47.8 30.2 70.2





#9

Benzaldehyde

Concen: 40.804 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

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BNA_F

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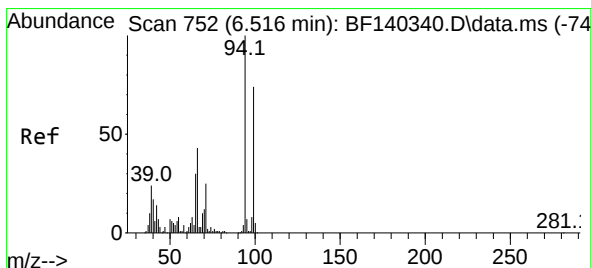
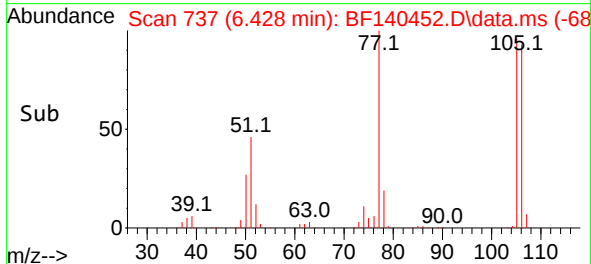
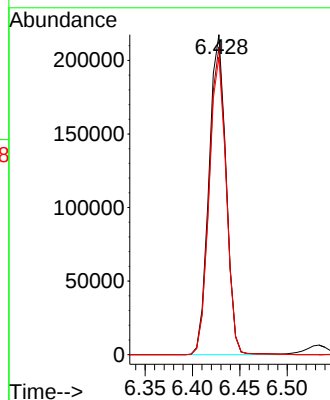
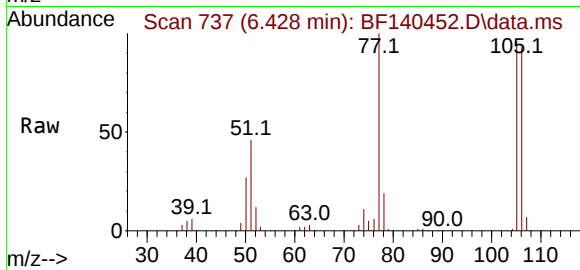
Tgt Ion: 77 Resp: 272367

Ion Ratio Lower Upper

77 100

105 96.2 74.4 114.4

106 93.1 69.9 109.9



#10

Phenol

Concen: 43.063 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

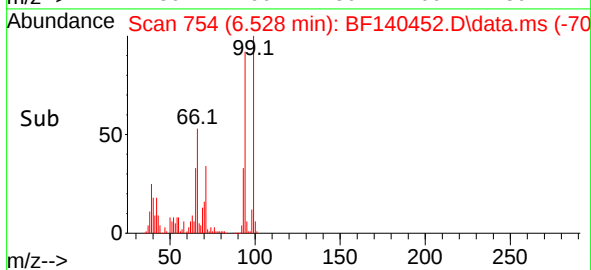
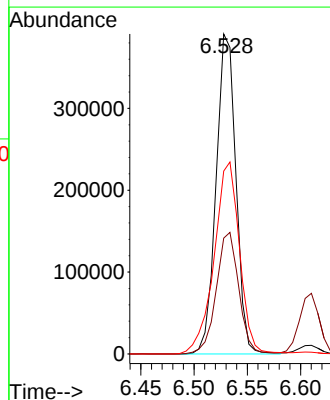
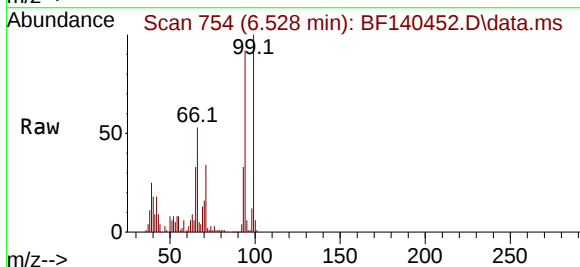
Tgt Ion: 94 Resp: 505784

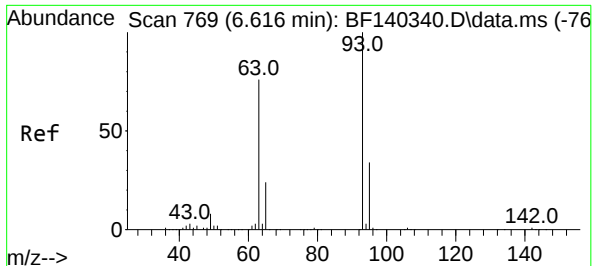
Ion Ratio Lower Upper

94 100

65 36.2 10.4 50.4

66 57.2 22.9 62.9

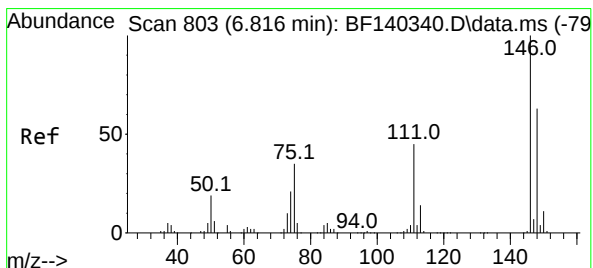
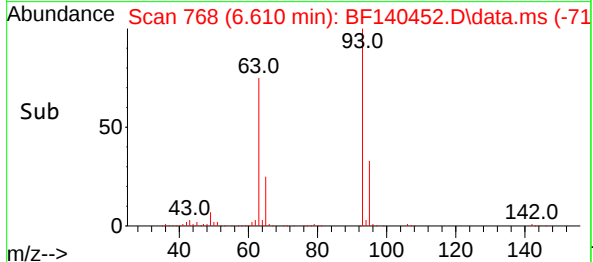
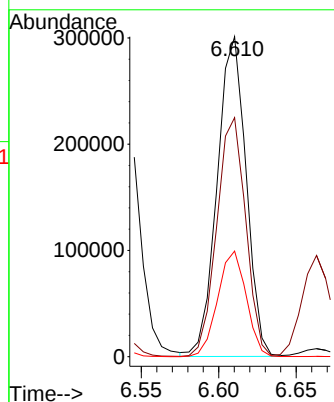
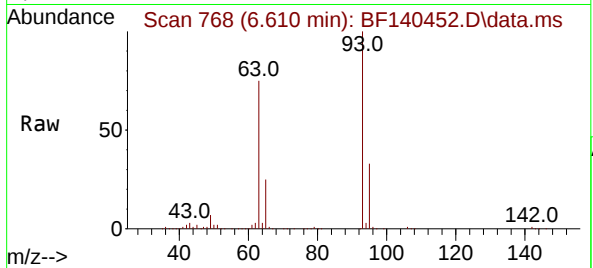




#11
bis(2-Chloroethyl)ether
Concen: 43.932 ng
RT: 6.610 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

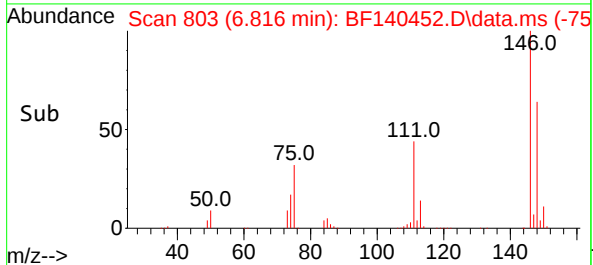
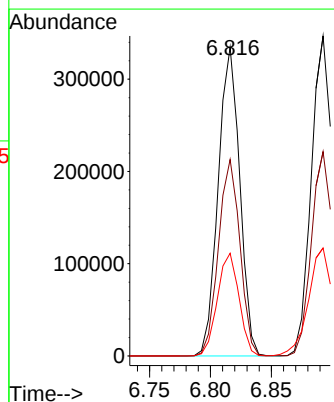
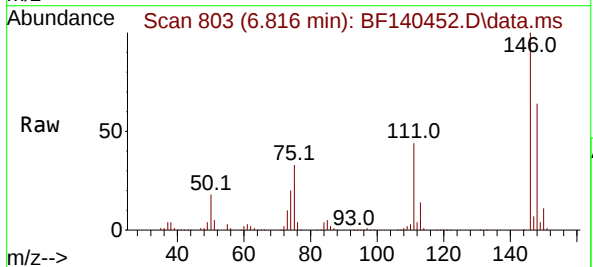
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion: 93 Resp: 390967
Ion Ratio Lower Upper
93 100
63 74.7 54.0 94.0
95 33.0 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.335 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 146 Resp: 412463
Ion Ratio Lower Upper
146 100
148 63.6 50.7 76.1
75 33.3 26.4 39.6

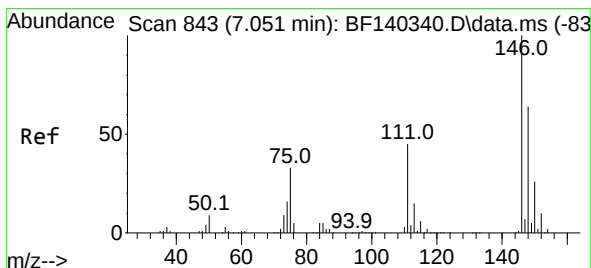
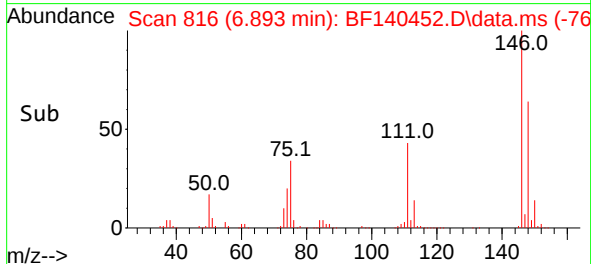
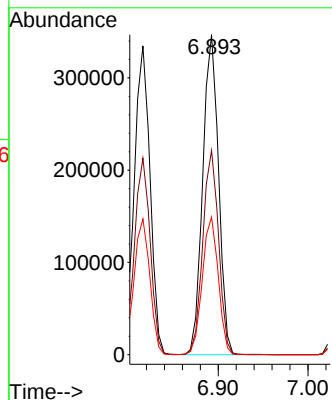
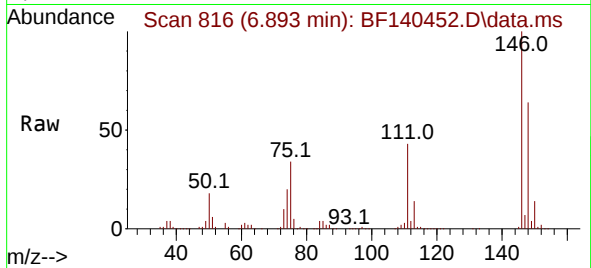




#13
1,4-Dichlorobenzene
Concen: 42.985 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

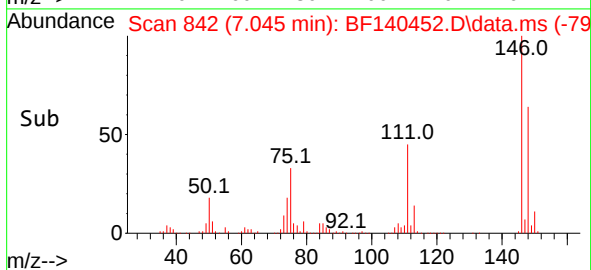
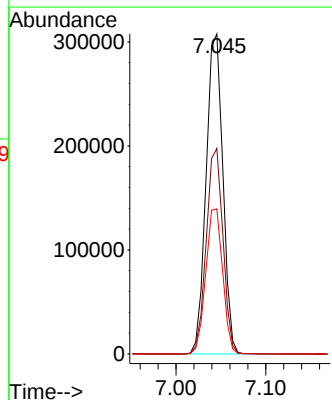
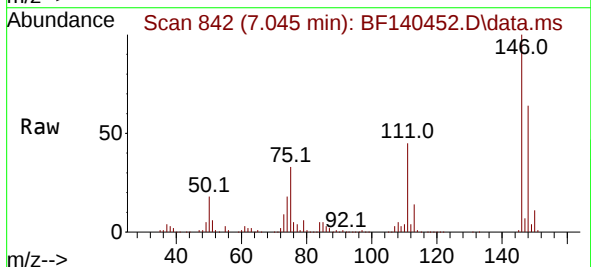
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:146 Resp: 424656
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 43.0 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 43.502 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:146 Resp: 398966
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 45.4 36.5 54.7

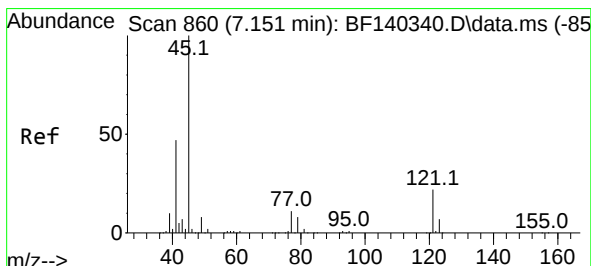
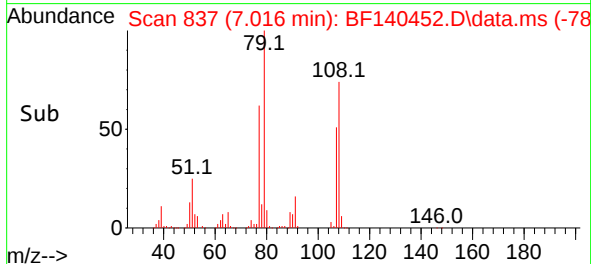
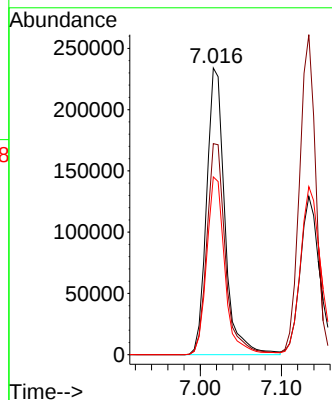
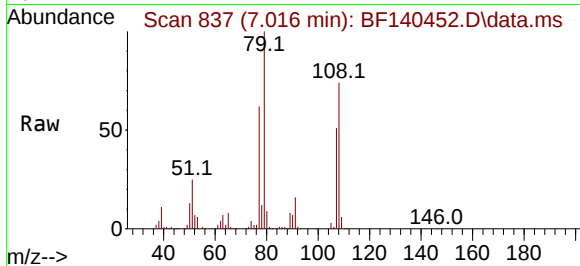




#15
Benzyl Alcohol
Concen: 45.368 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

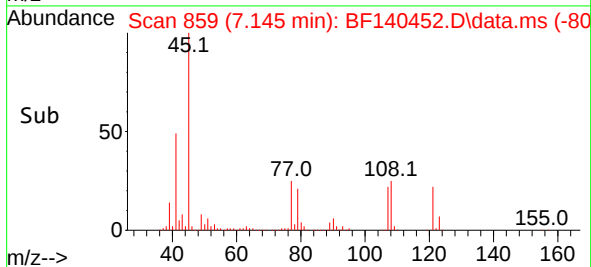
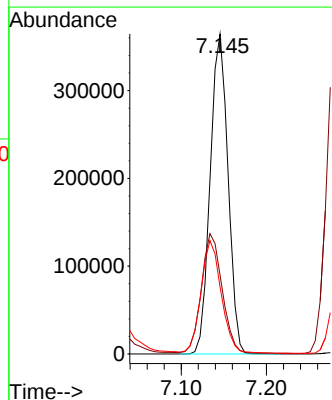
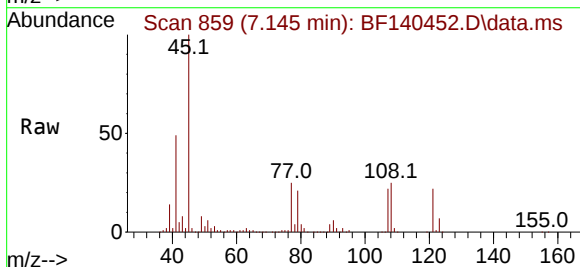
Instrument :
BNA_F
ClientSampleId :
PB164969BS

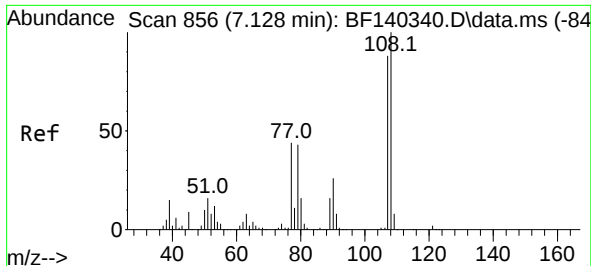
Tgt Ion: 79 Resp: 364043
Ion Ratio Lower Upper
79 100
108 73.6 57.8 86.6
77 62.0 49.8 74.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.016 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 45 Resp: 528778
Ion Ratio Lower Upper
45 100
77 24.6 0.0 34.8
79 21.0 0.0 31.4

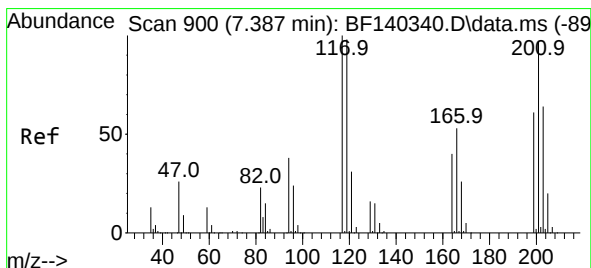
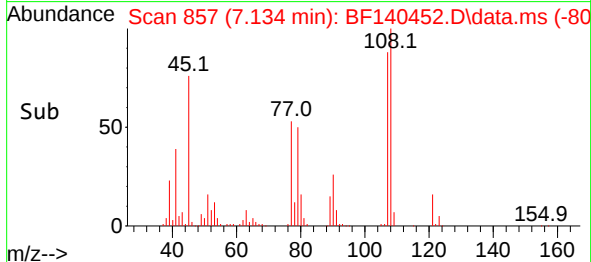
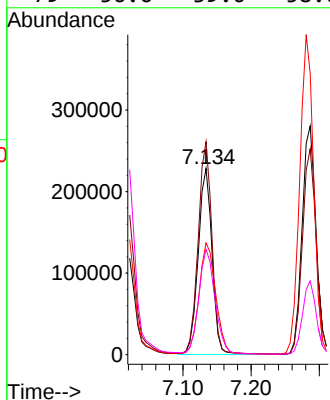
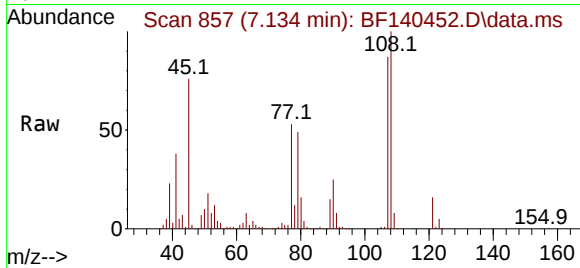




#17
2-Methylphenol
Concen: 44.338 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

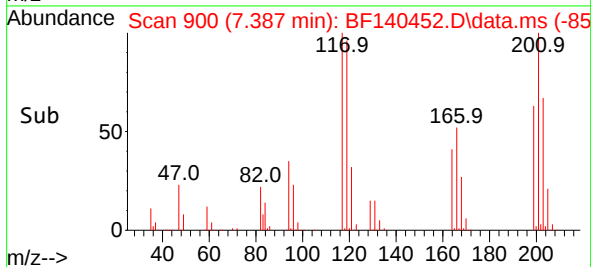
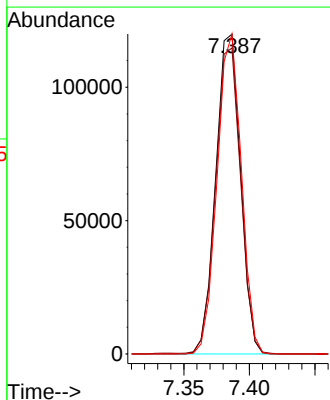
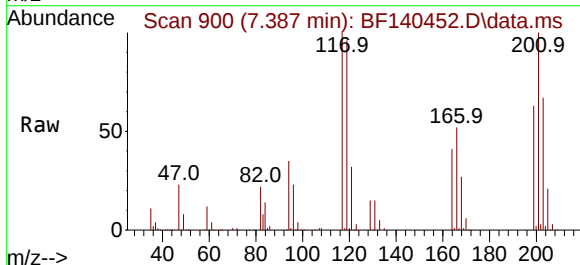
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:107 Resp: 322080
Ion Ratio Lower Upper
107 100
108 114.4 91.9 137.9
77 60.1 39.7 59.5#
79 56.6 39.0 58.6



#18
Hexachloroethane
Concen: 43.160 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:117 Resp: 157629
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3
201 100.1 80.2 120.4



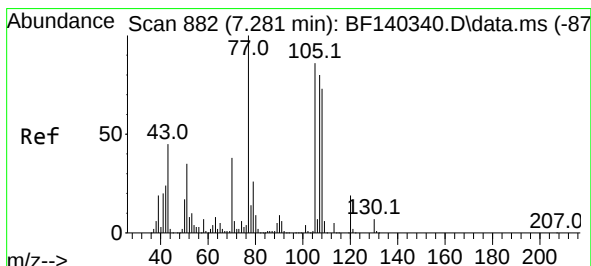
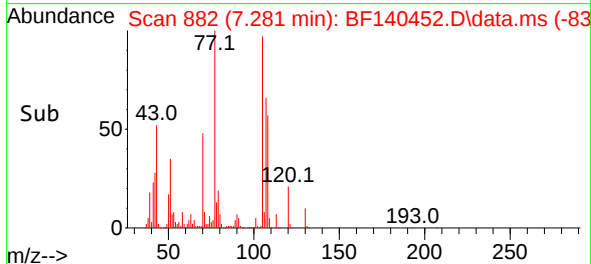
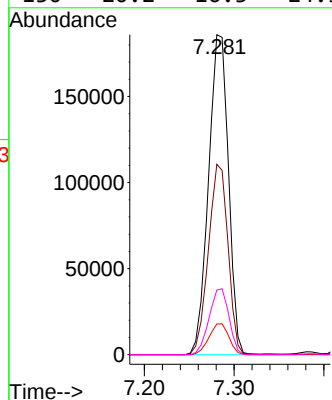
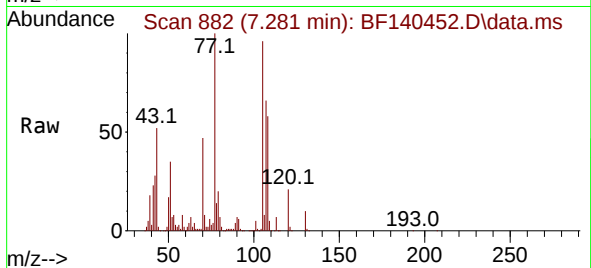


#19
n-Nitroso-di-n-propylamine
Concen: 42.594 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion: 70 Resp: 286509

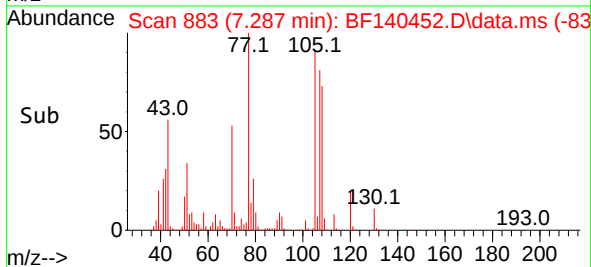
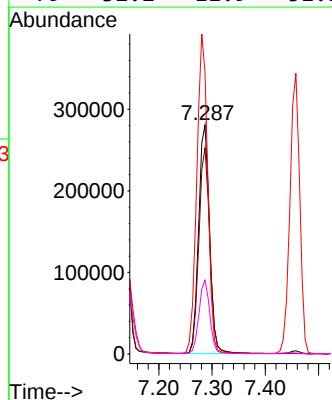
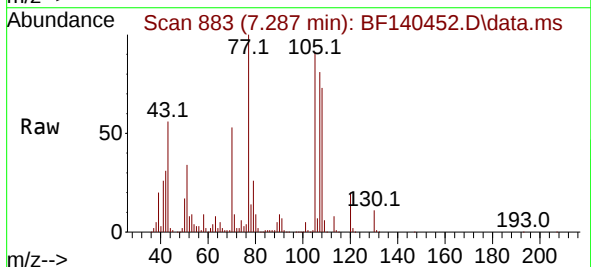
Ion	Ratio	Lower	Upper
70	100		
42	59.5	46.8	70.2
101	9.6	7.5	11.3
130	20.2	16.3	24.5

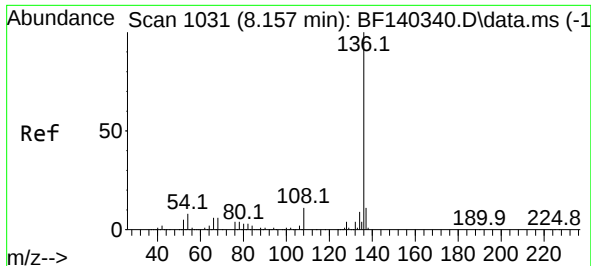


#20
3+4-Methylphenols
Concen: 44.181 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 107 Resp: 401362

Ion	Ratio	Lower	Upper
107	100		
108	90.0	71.4	111.4
77	123.0	97.0	137.0
79	32.2	11.9	51.9

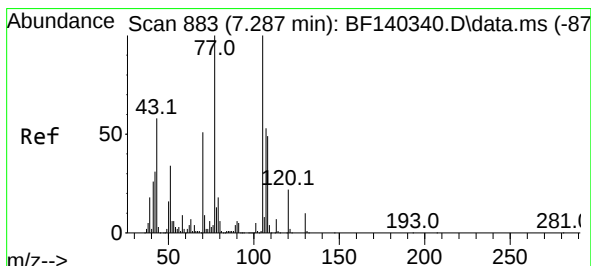
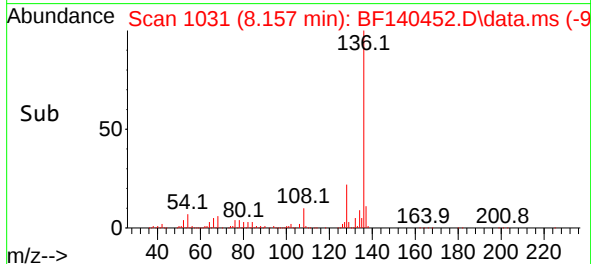
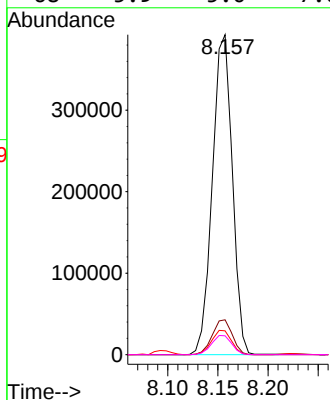
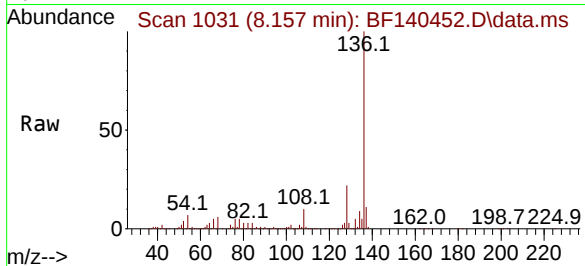




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

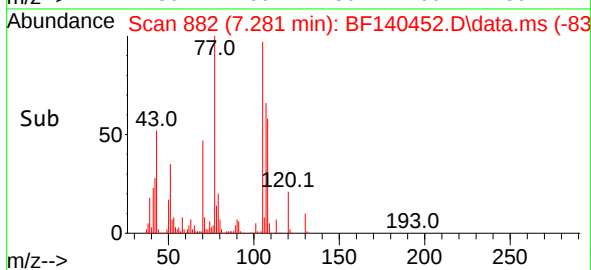
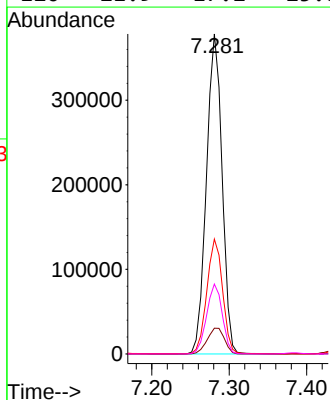
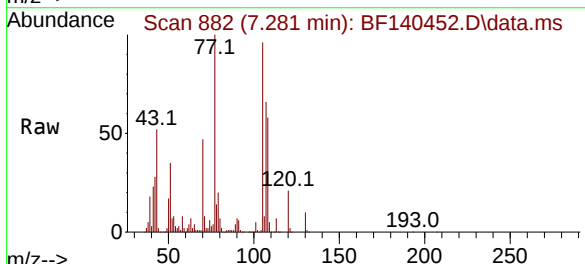
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:136 Resp: 542961
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.4 6.5 9.7
68 5.9 5.0 7.6



#22
Acetophenone
Concen: 42.032 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:105 Resp: 530788
Ion Ratio Lower Upper
105 100
71 8.0 6.9 10.3
51 35.9 28.6 43.0
120 21.9 17.2 25.8

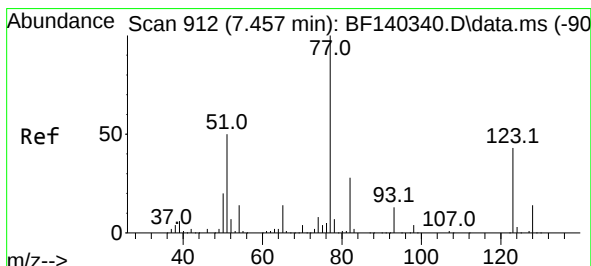
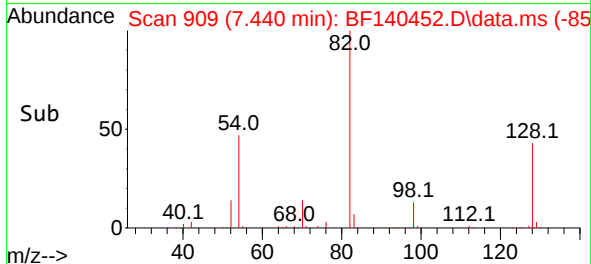
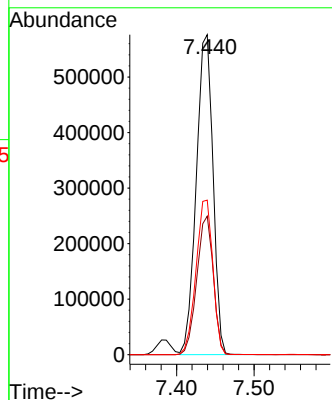
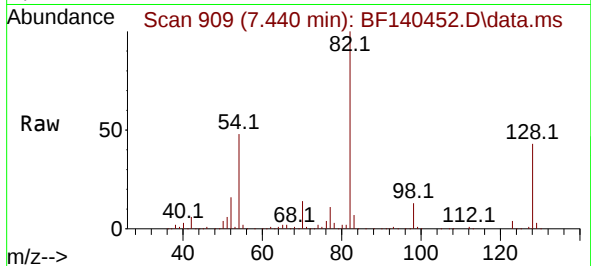




#23
Nitrobenzene-d5
Concen: 82.634 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

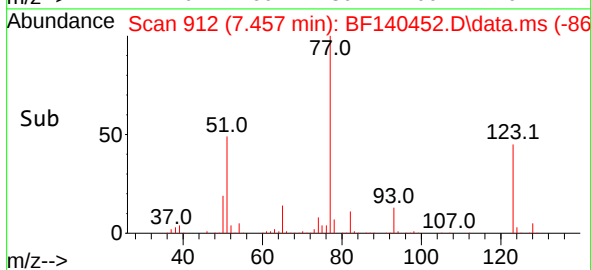
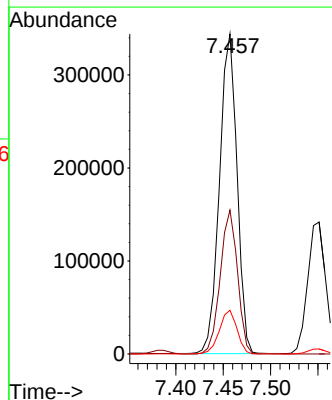
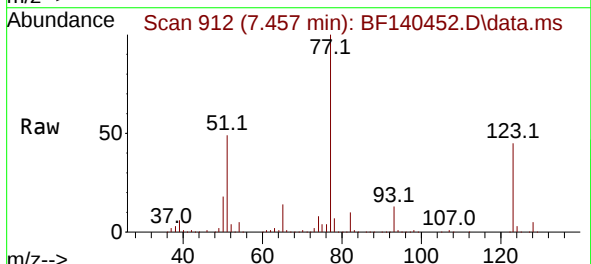
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion: 82 Resp: 861125
Ion Ratio Lower Upper
82 100
128 43.3 33.3 49.9
54 48.3 39.8 59.8



#24
Nitrobenzene
Concen: 40.878 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 77 Resp: 443530
Ion Ratio Lower Upper
77 100
123 44.9 35.4 53.0
65 13.6 11.1 16.7

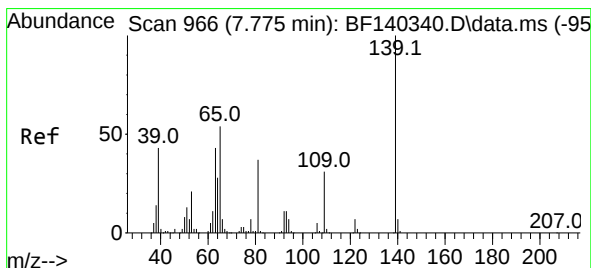
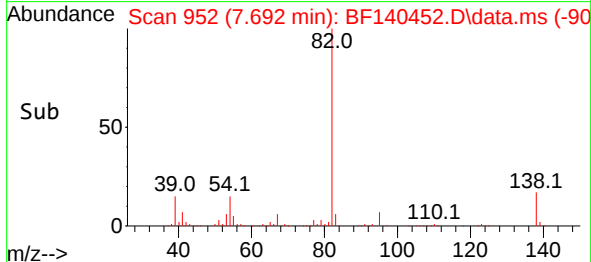
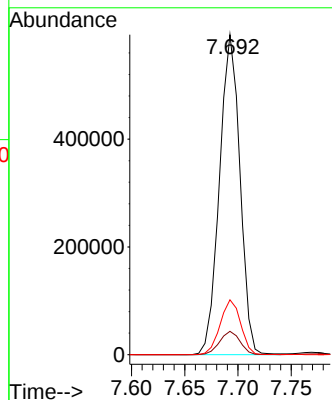
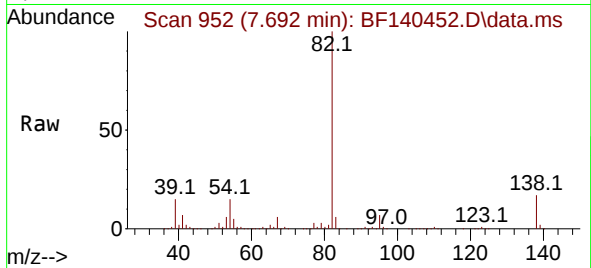




#25
Isophorone
Concen: 42.943 ng
RT: 7.692 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

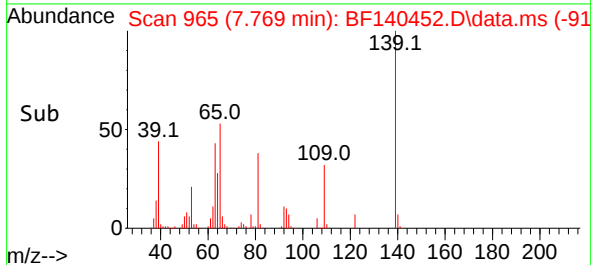
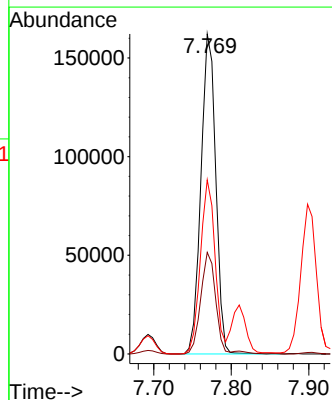
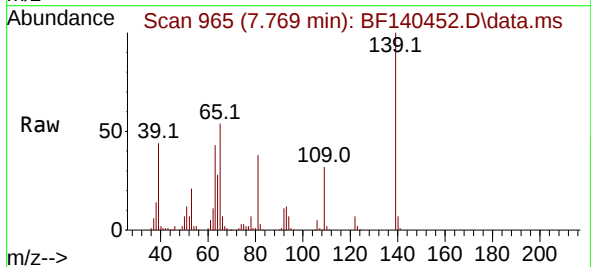
Instrument :
BNA_F
ClientSampleId :
PB164969BS

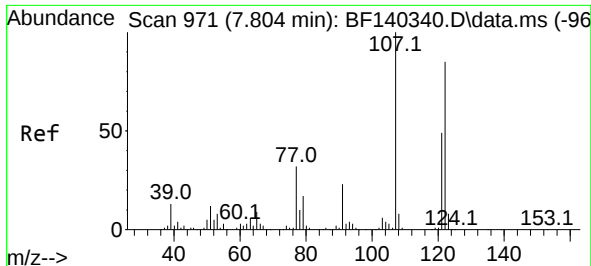
Tgt Ion: 82 Resp: 793111
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 17.1 13.4 20.2



#26
2-Nitrophenol
Concen: 44.767 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:139 Resp: 215542
Ion Ratio Lower Upper
139 100
109 31.7 24.4 36.6
65 54.4 42.8 64.2

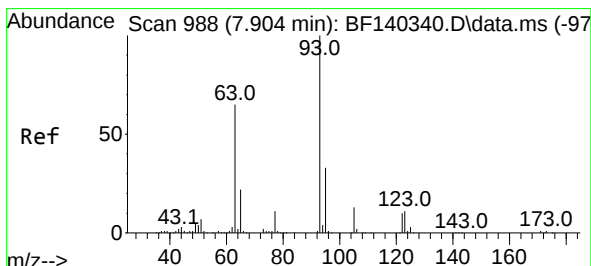
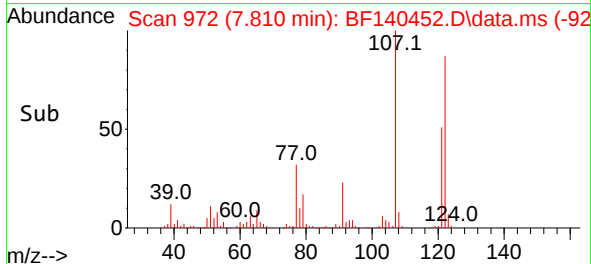
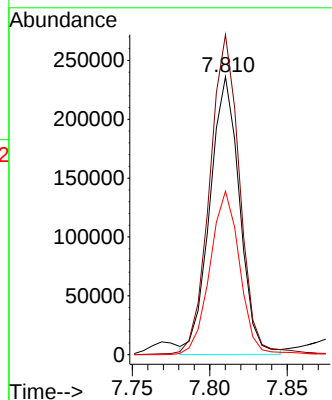
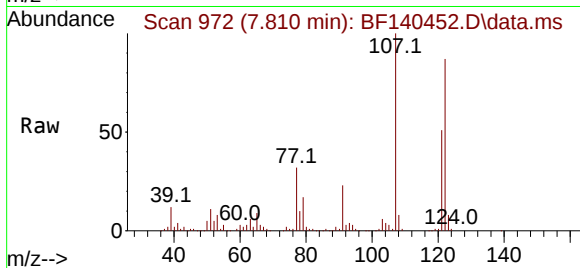




#27
2,4-Dimethylphenol
Concen: 51.059 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

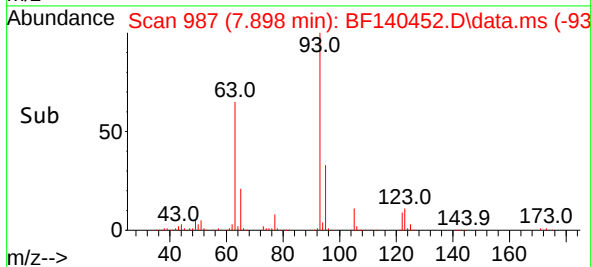
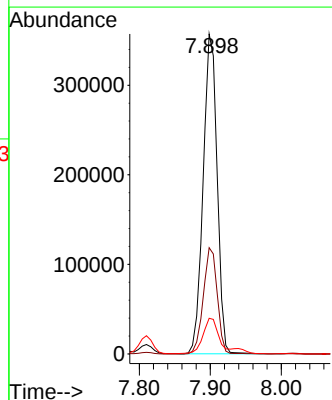
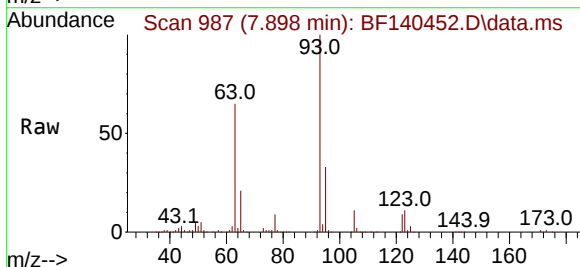
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:122 Resp: 314736
Ion Ratio Lower Upper
122 100
107 115.2 91.3 136.9
121 58.8 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.206 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion: 93 Resp: 489301
Ion Ratio Lower Upper
93 100
95 33.2 25.9 38.9
123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.651 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

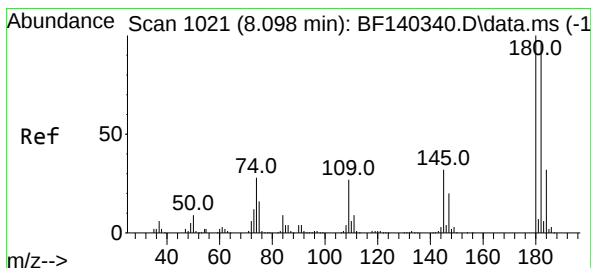
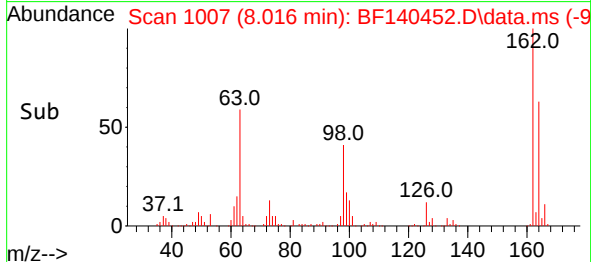
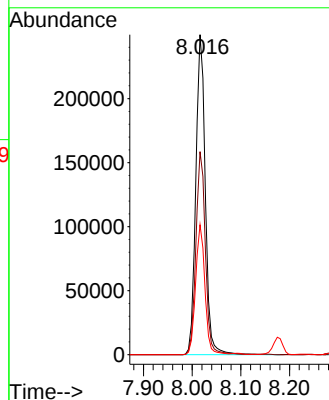
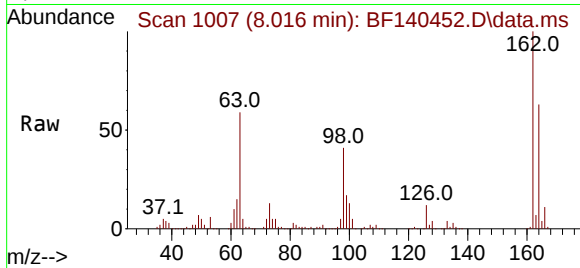
Tgt Ion:162 Resp: 340155

Ion Ratio Lower Upper

162 100

164 63.5 45.4 85.4

98 40.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.372 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

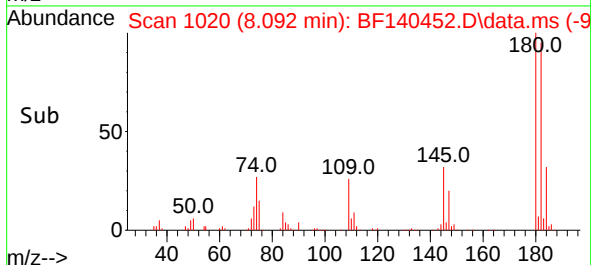
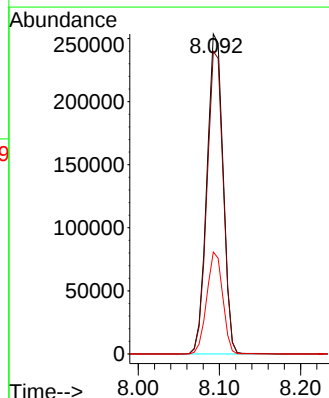
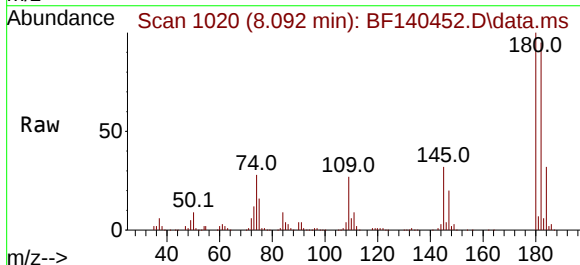
Tgt Ion:180 Resp: 350892

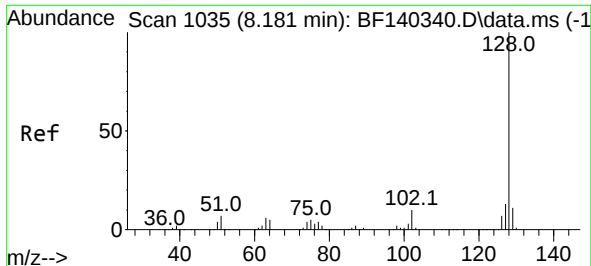
Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 31.9 25.3 37.9

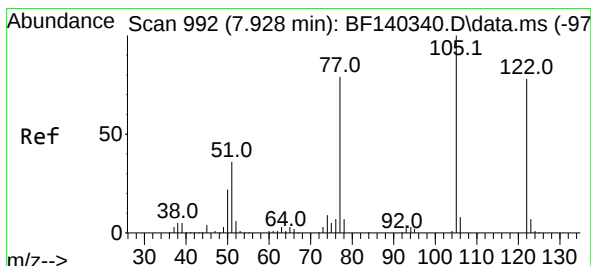
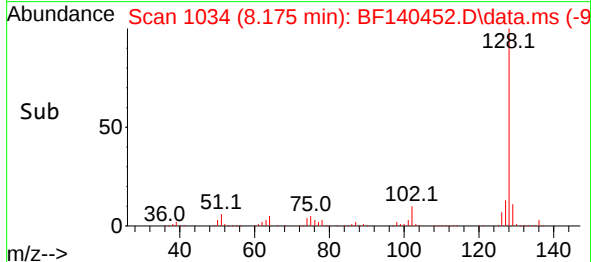
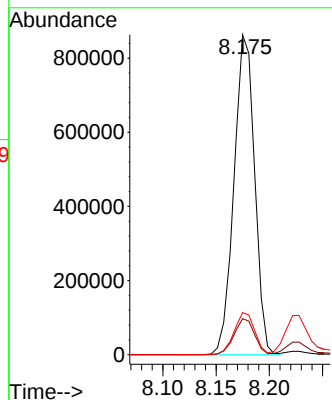
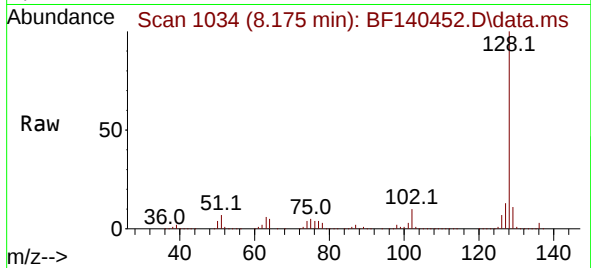




#31
Naphthalene
Concen: 42.328 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

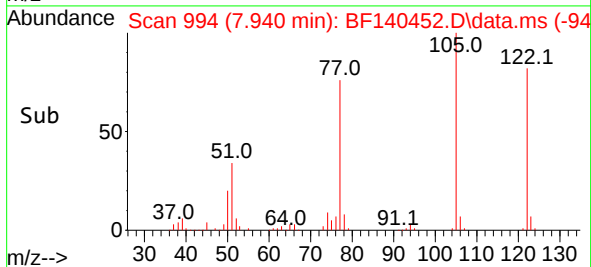
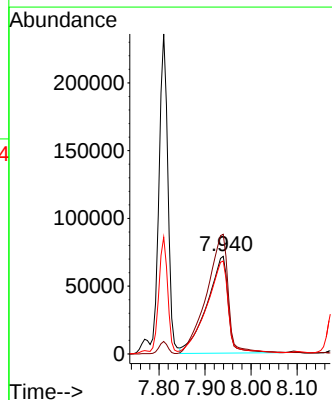
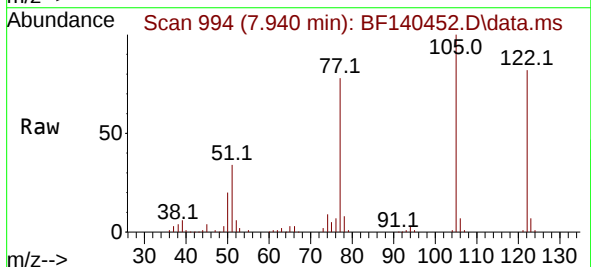
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:128 Resp: 1165846
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 42.506 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:122 Resp: 230552
Ion Ratio Lower Upper
122 100
105 122.6 100.9 140.9
77 95.3 76.0 116.0

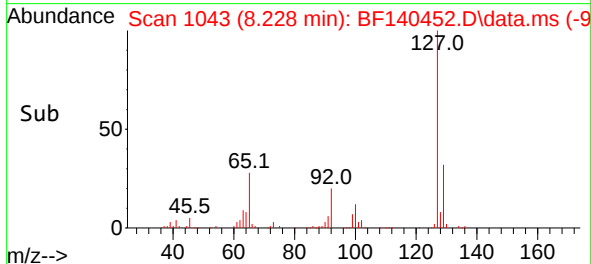
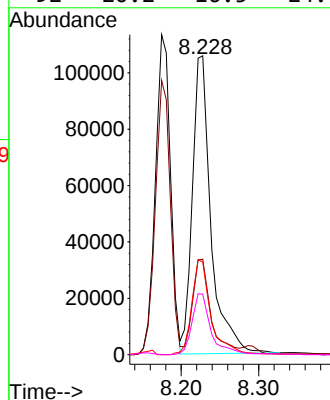
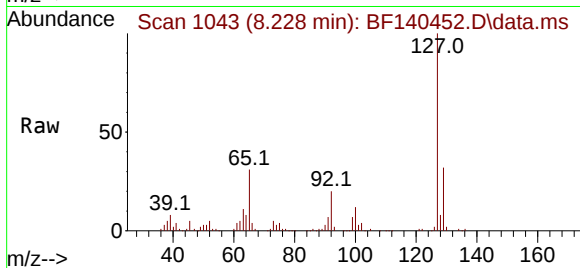




#33
4-Chloroaniline
Concen: 18.416 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

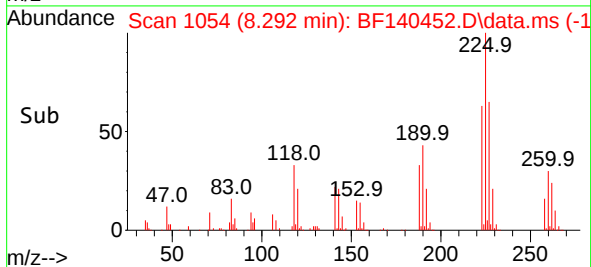
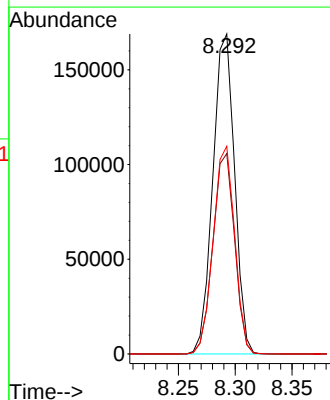
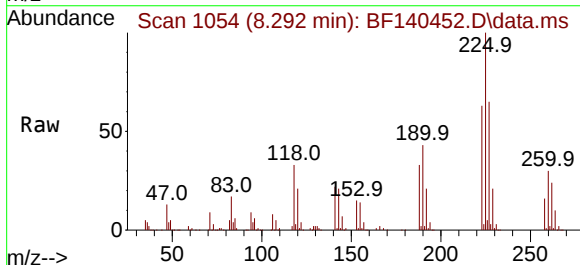
Instrument :
BNA_F
ClientSampleId :
PB164969BS

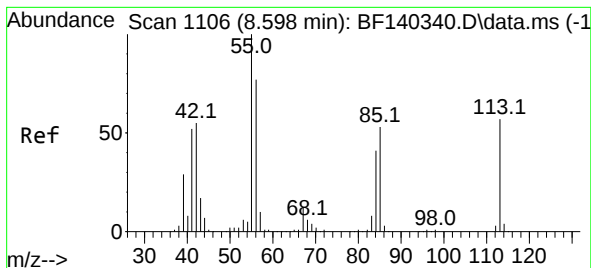
Tgt Ion:	127	Resp:	176404
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	30.9	25.8	38.6
92	20.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.660 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:	225	Resp:	225130
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.1	75.1
227	64.9	51.3	76.9





#35

Caprolactam

Concen: 28.255 ng

RT: 8.592 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

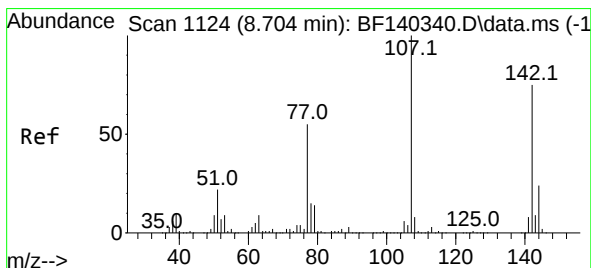
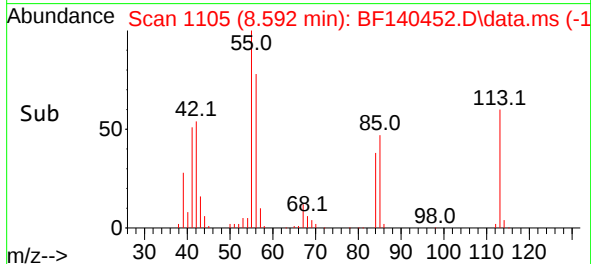
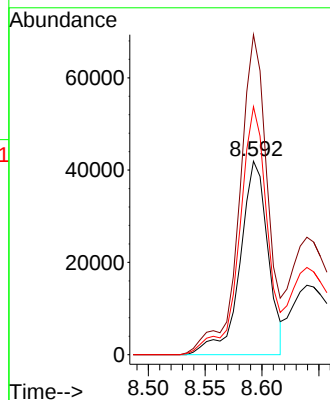
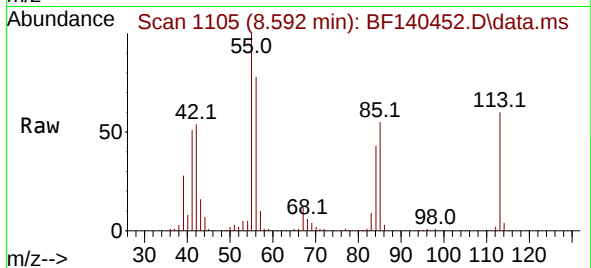
Tgt Ion:113 Resp: 71541

Ion Ratio Lower Upper

113 100

55 165.4 150.0 190.0

56 128.2 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 44.041 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

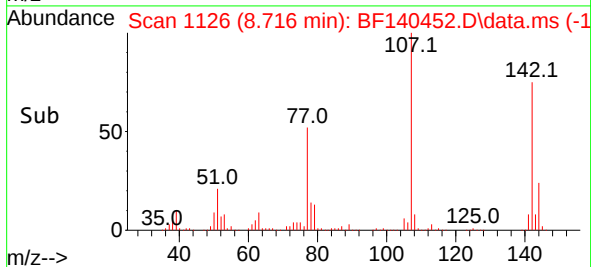
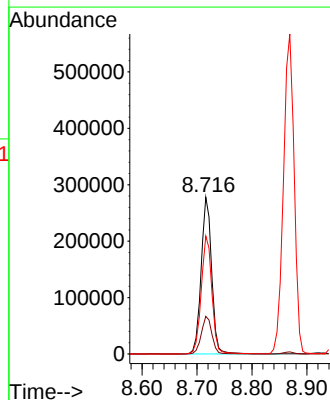
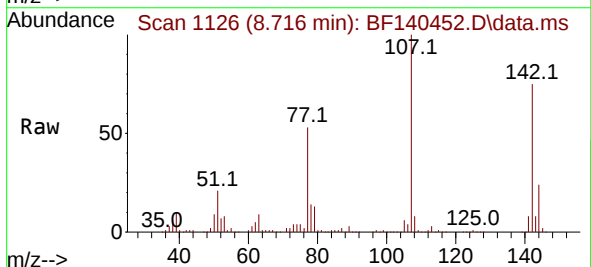
Tgt Ion:107 Resp: 371810

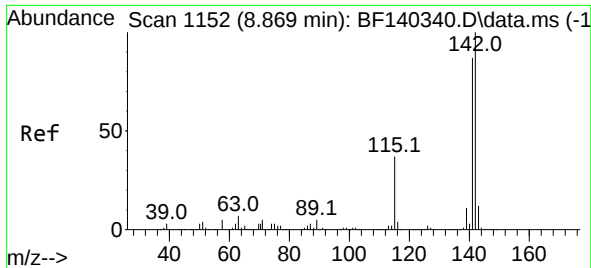
Ion Ratio Lower Upper

107 100

144 23.9 19.3 28.9

142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 43.330 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

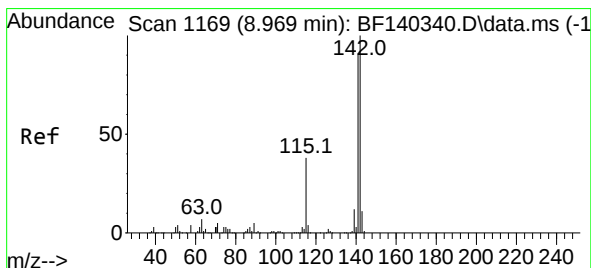
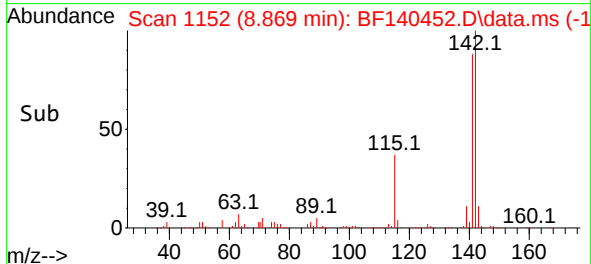
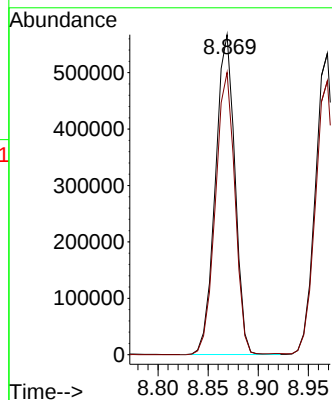
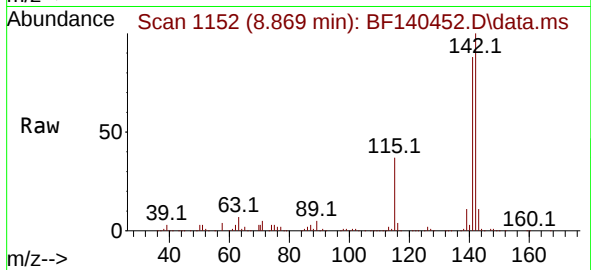
PB164969BS

Tgt Ion:142 Resp: 765271

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 41.444 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140452.D

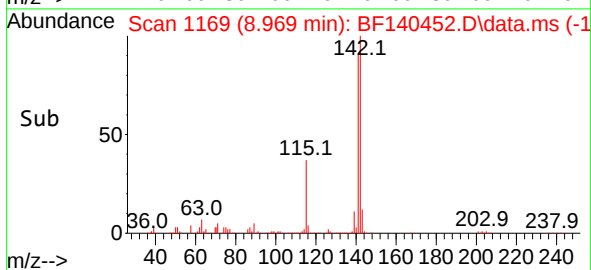
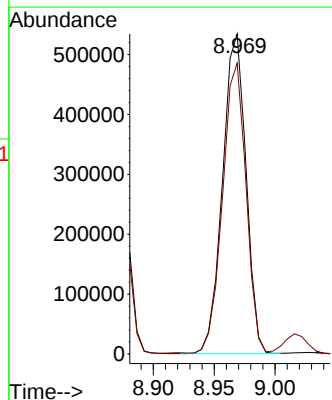
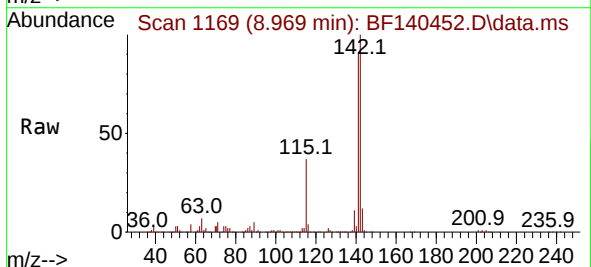
Acq: 18 Nov 2024 14:19

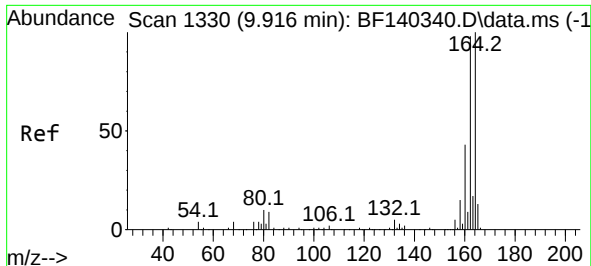
Tgt Ion:142 Resp: 716759

Ion Ratio Lower Upper

142 100

141 90.9 73.6 110.4

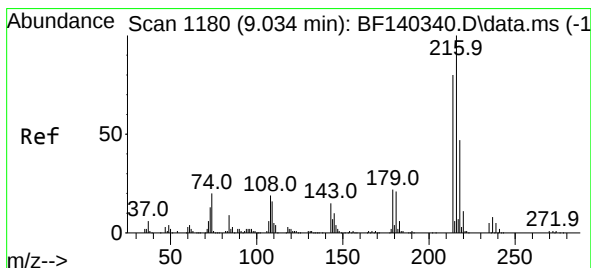
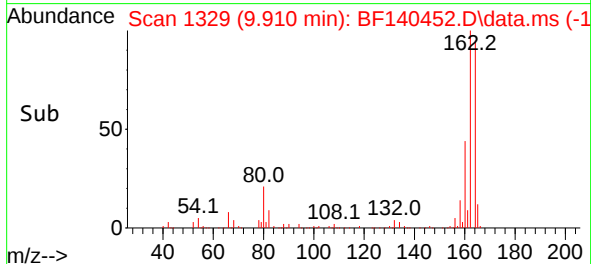
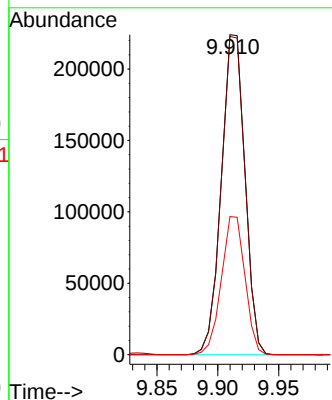
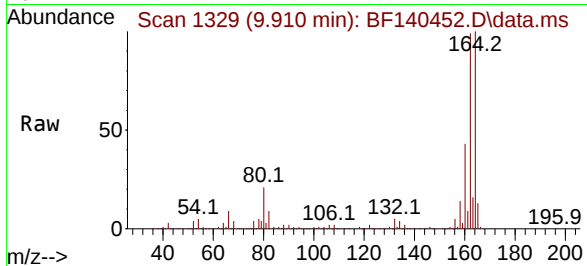




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

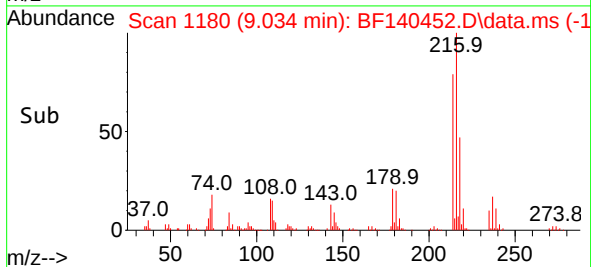
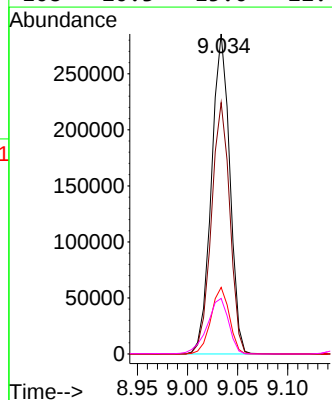
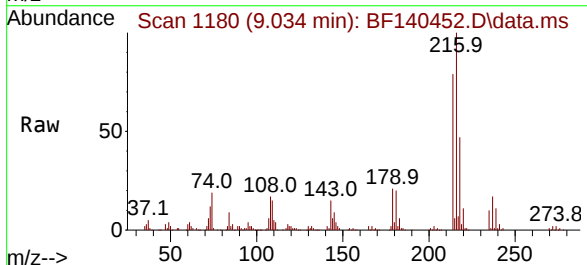
Instrument :
BNA_F
ClientSampleId :
PB164969BS

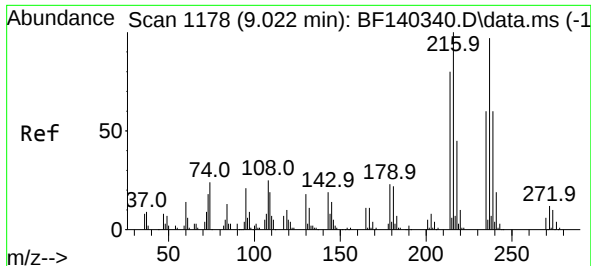
Tgt Ion:164 Resp: 303542
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 43.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.412 ng
RT: 9.034 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

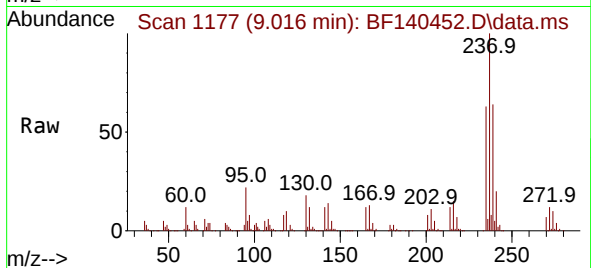
Tgt Ion:216 Resp: 364394
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 20.8 17.2 25.8
108 20.3 15.0 22.4



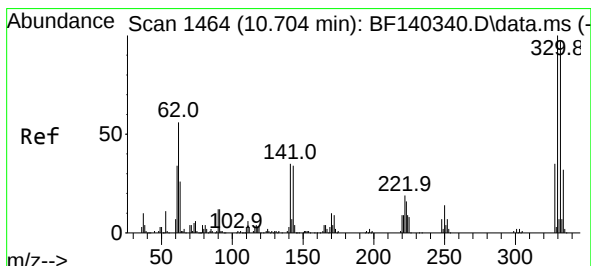
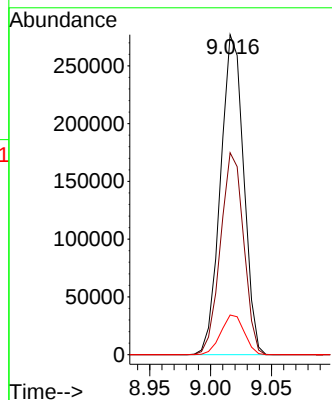
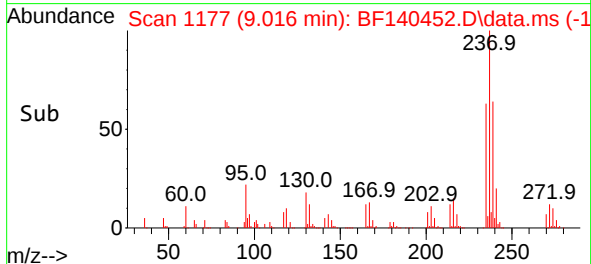


#41
Hexachlorocyclopentadiene
Concen: 169.973 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

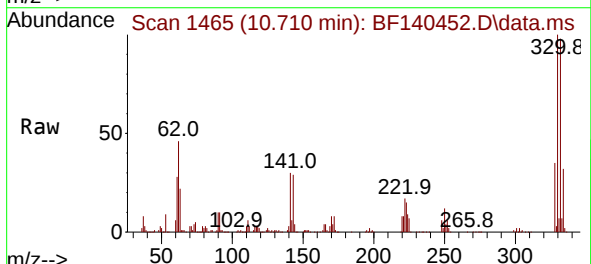
Instrument :
BNA_F
ClientSampleId :
PB164969BS



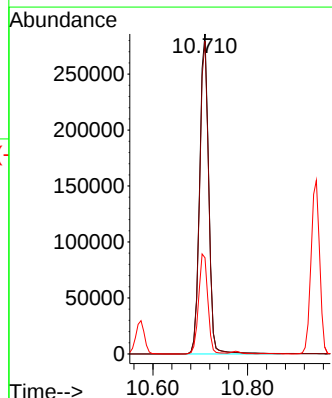
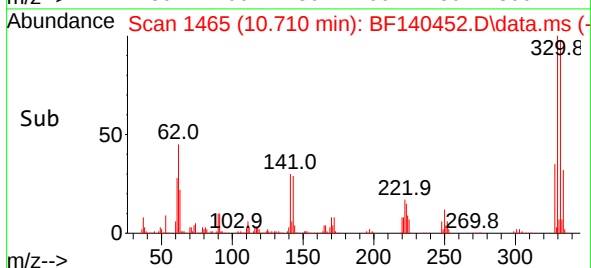
Tgt Ion:237 Resp: 366320
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 12.4 0.0 33.1

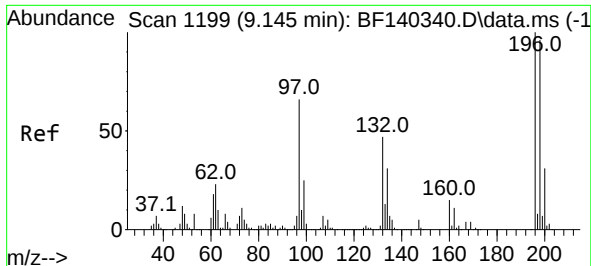


#42
2,4,6-Tribromophenol
Concen: 125.583 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19



Tgt Ion:330 Resp: 379070
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 31.9 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 42.974 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

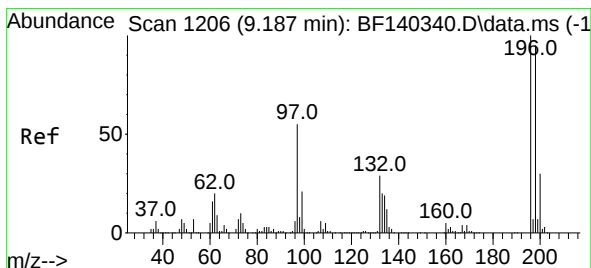
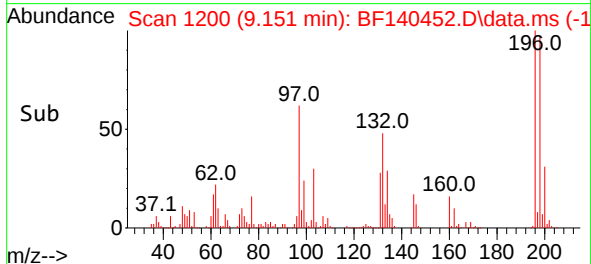
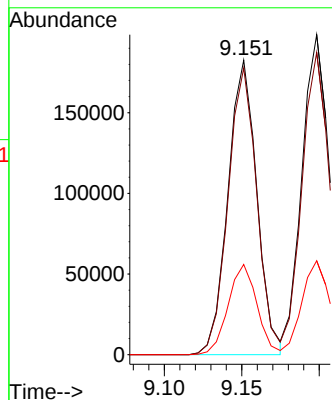
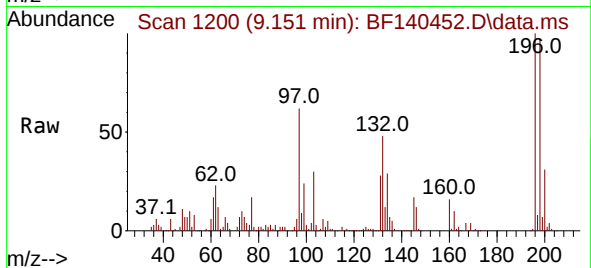
Tgt Ion:196 Resp: 236726

Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.4

200 30.6 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 43.082 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:196 Resp: 259469

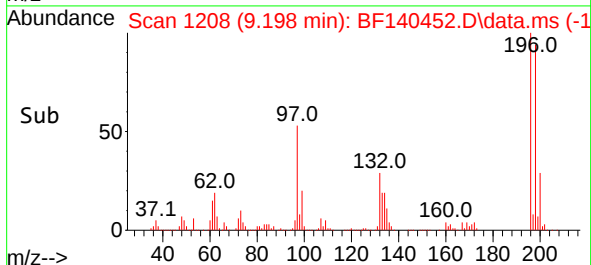
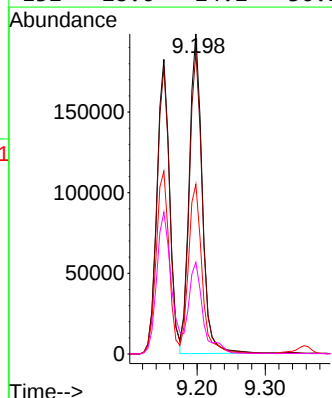
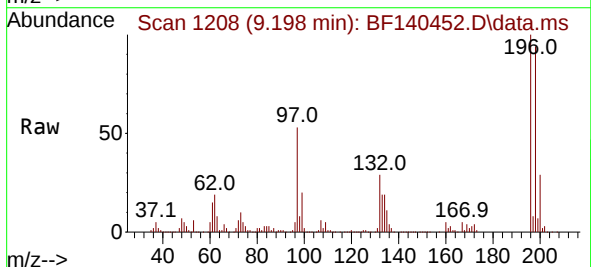
Ion Ratio Lower Upper

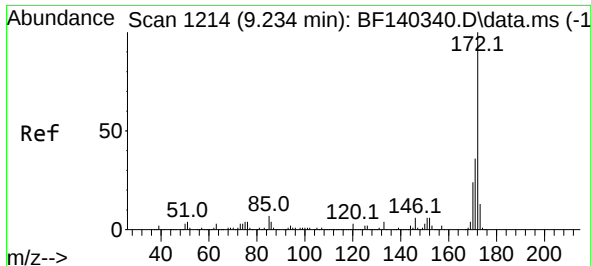
196 100

198 94.5 77.6 116.4

97 53.0 45.4 68.2

132 28.6 24.2 36.2

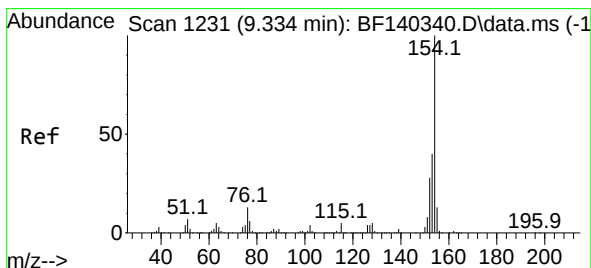
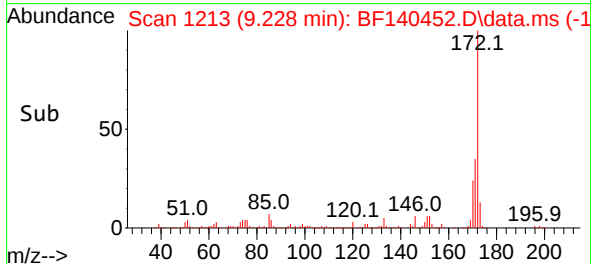
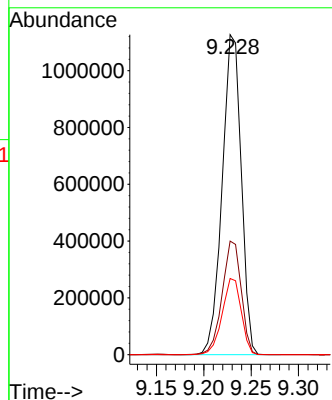
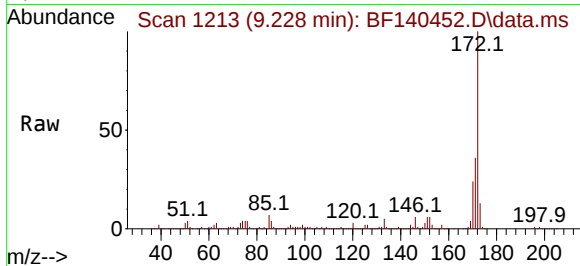




#45
2-Fluorobiphenyl
Concen: 83.734 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

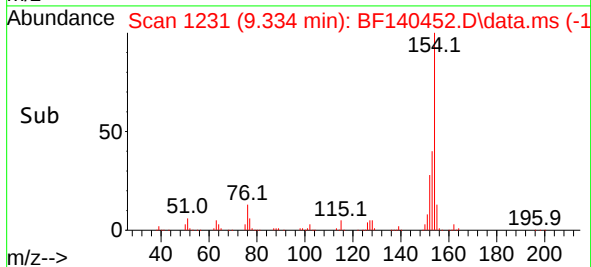
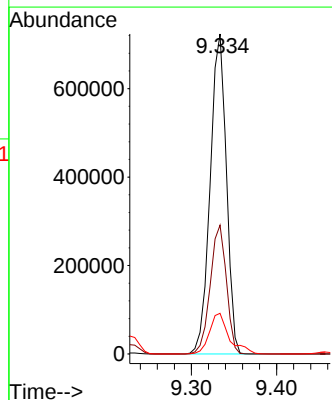
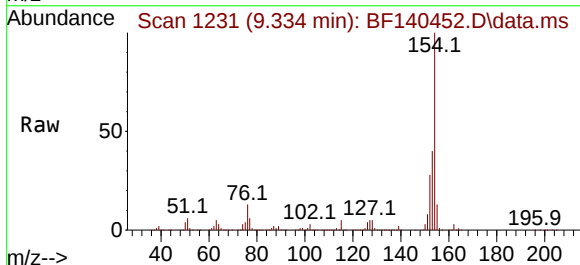
Instrument :
BNA_F
ClientSampleId :
PB164969BS

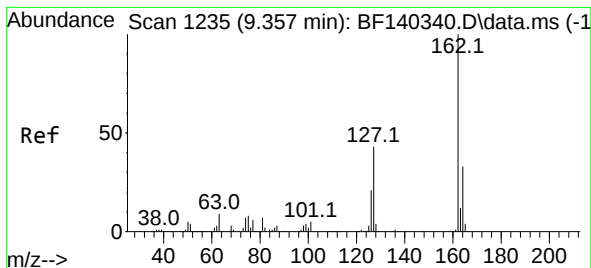
Tgt Ion:172 Resp: 1581098
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.8 19.1 28.7



#46
1,1'-Biphenyl
Concen: 43.213 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:154 Resp: 954253
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 12.7 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.215 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

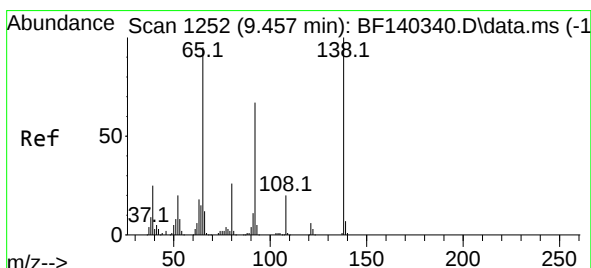
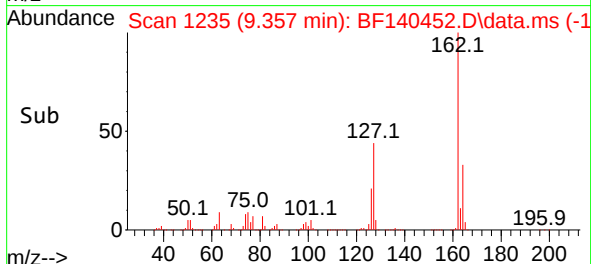
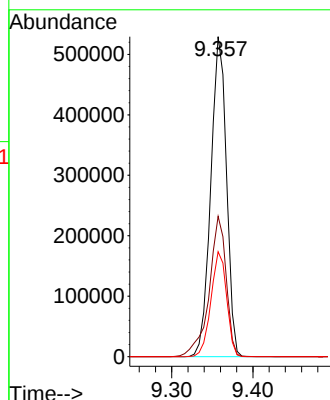
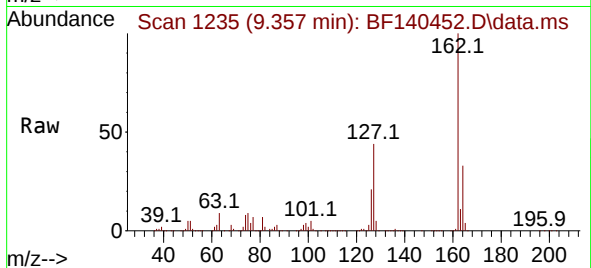
Tgt Ion:162 Resp: 710122

Ion Ratio Lower Upper

162 100

127 43.8 34.0 51.0

164 32.8 26.5 39.7



#48

2-Nitroaniline

Concen: 42.488 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

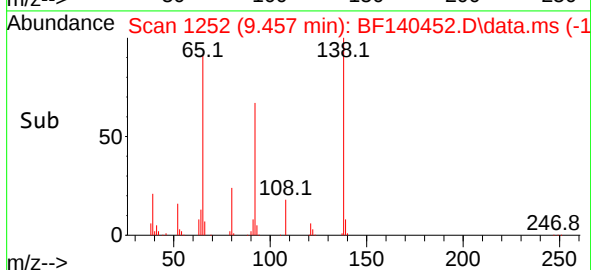
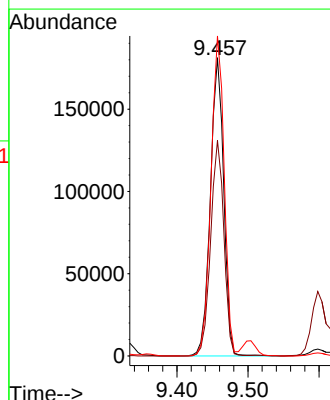
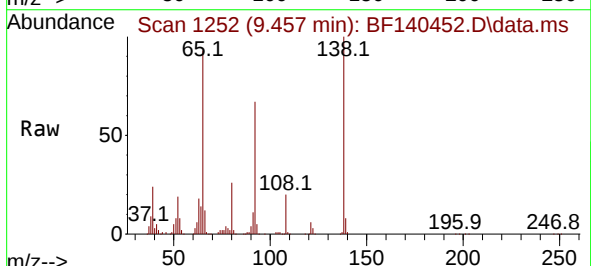
Tgt Ion: 65 Resp: 237028

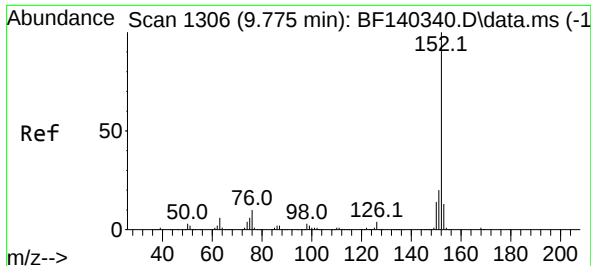
Ion Ratio Lower Upper

65 100

92 72.3 56.4 84.6

138 107.3 84.8 127.2





#49

Acenaphthylene

Concen: 46.592 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

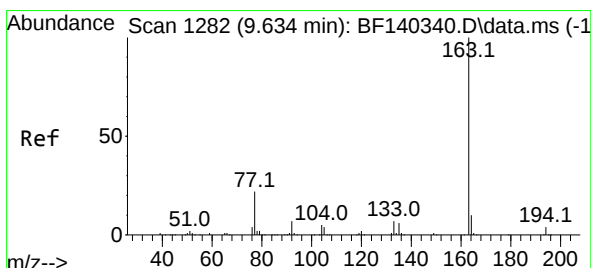
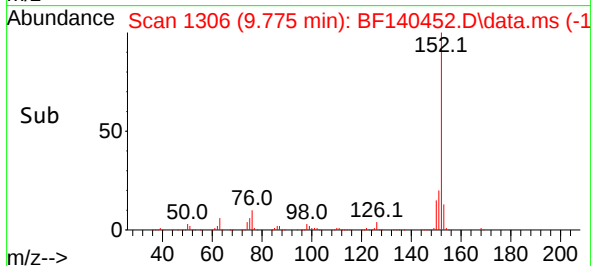
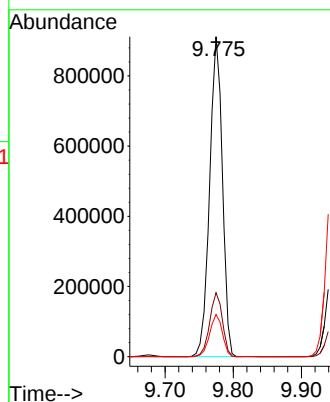
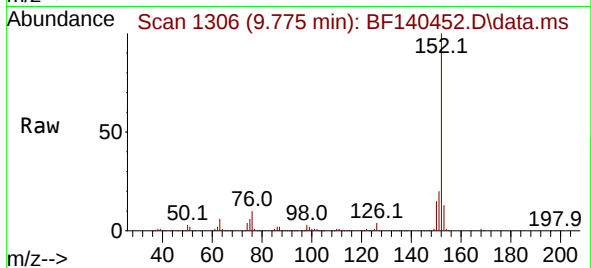
Tgt Ion:152 Resp: 1185818

Ion Ratio Lower Upper

152 100

151 20.0 16.1 24.1

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 44.225 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

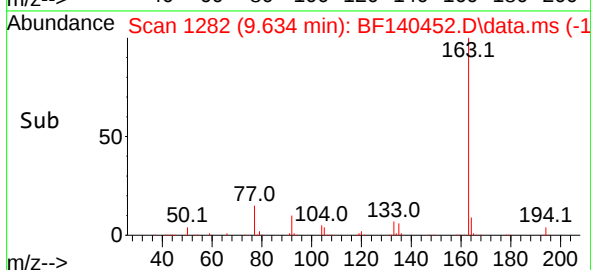
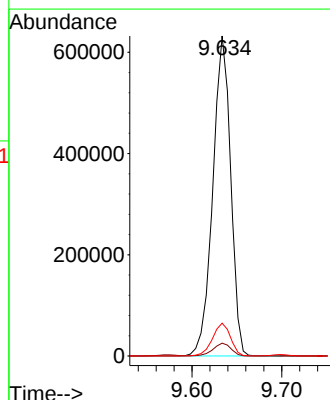
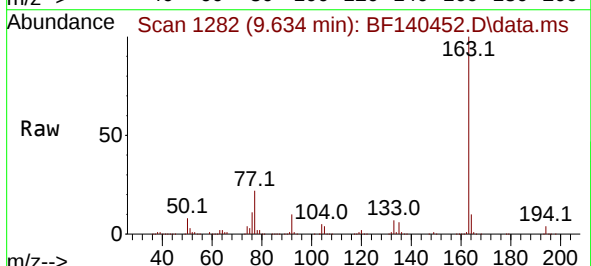
Tgt Ion:163 Resp: 874992

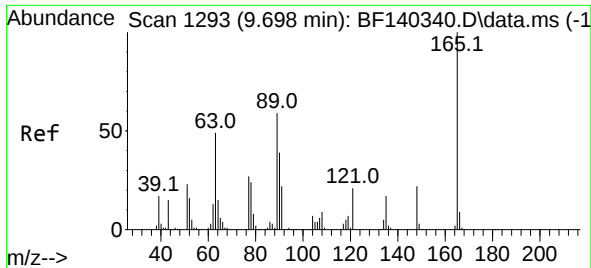
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.3 8.2 12.4

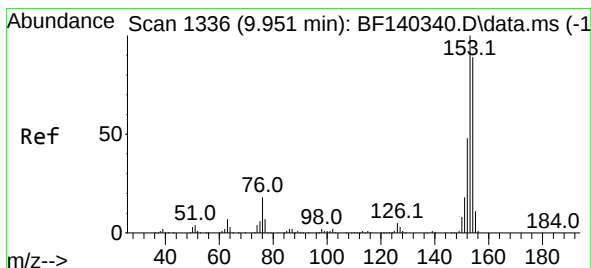
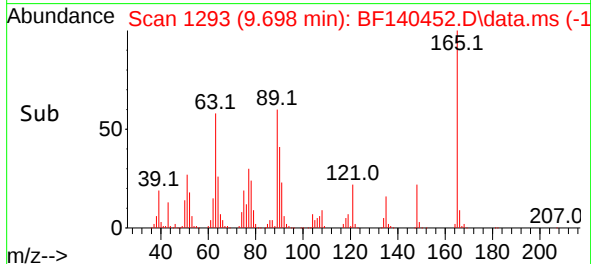
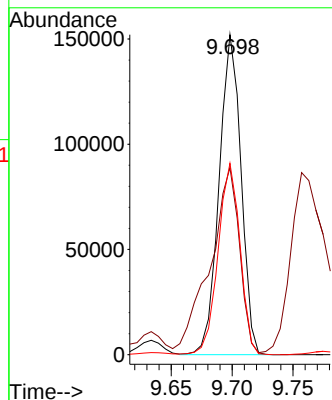
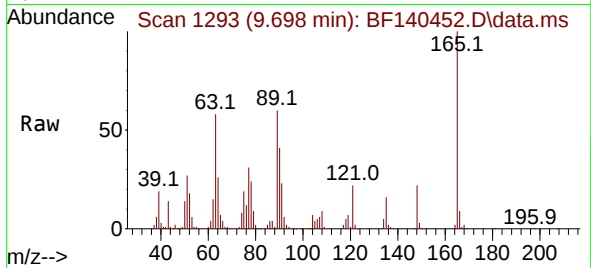




#51
2,6-Dinitrotoluene
Concen: 42.244 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

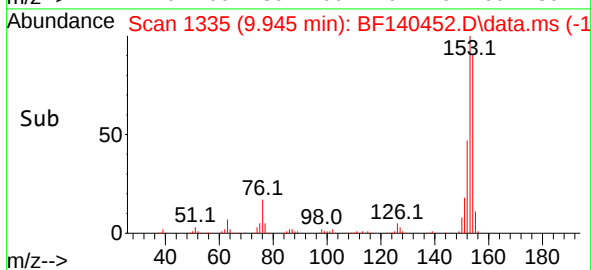
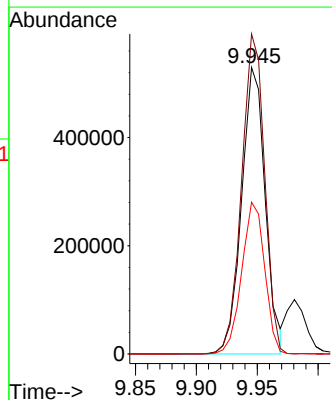
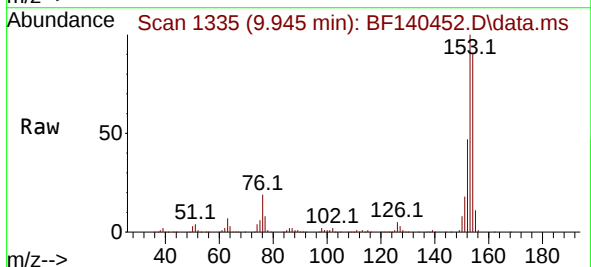
Instrument :
BNA_F
ClientSampleId :
PB164969BS

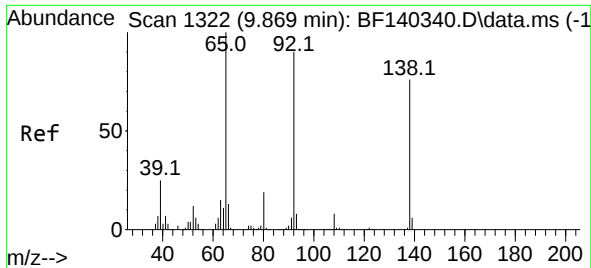
Tgt Ion:165 Resp: 190545
Ion Ratio Lower Upper
165 100
63 58.4 47.6 71.4
89 59.8 48.1 72.1



#52
Acenaphthene
Concen: 41.588 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:154 Resp: 714910
Ion Ratio Lower Upper
154 100
153 111.7 89.8 134.8
152 53.0 42.6 64.0

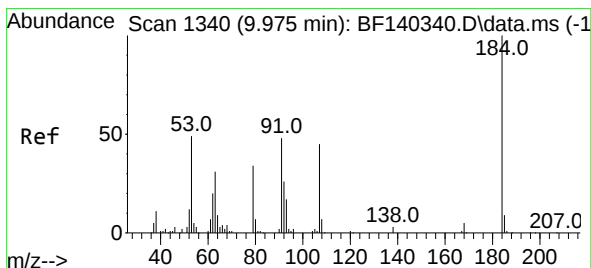
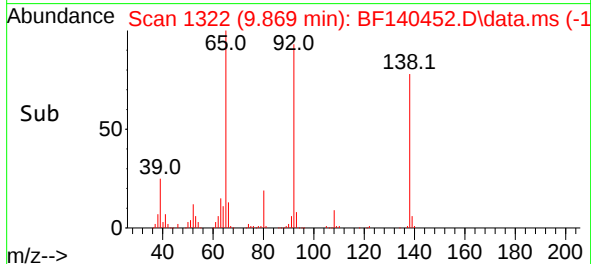
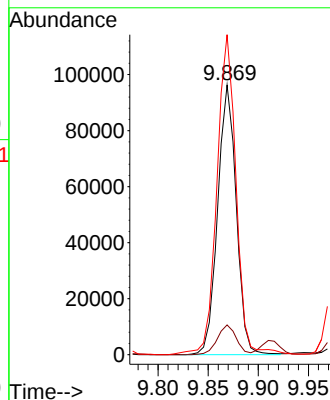
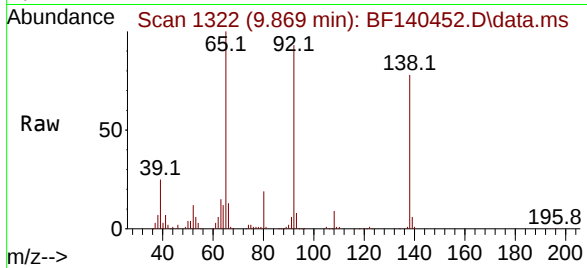




#53
3-Nitroaniline
Concen: 26.167 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

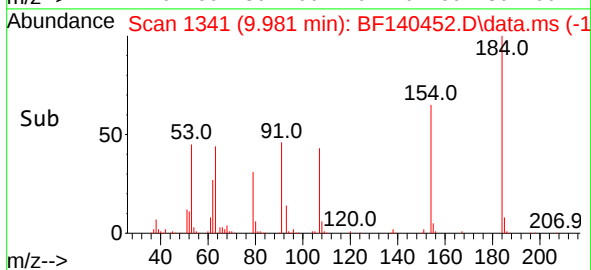
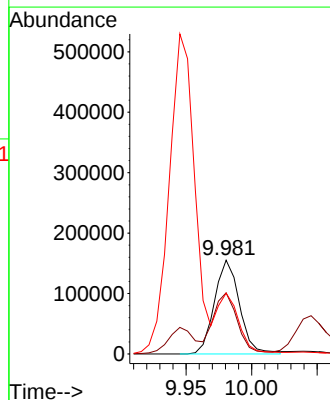
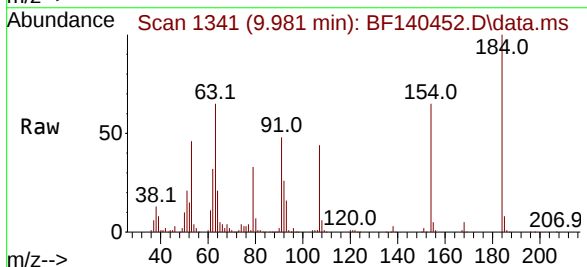
Instrument :
BNA_F
ClientSampleId :
PB164969BS

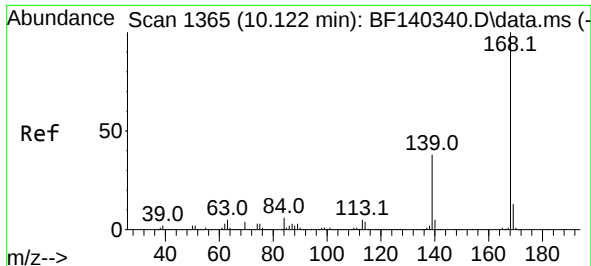
Tgt Ion:138 Resp: 123949
Ion Ratio Lower Upper
138 100
108 11.1 8.4 12.6
92 118.7 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 88.791 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:184 Resp: 206528
Ion Ratio Lower Upper
184 100
63 65.2 53.5 80.3
154 64.9 51.3 76.9

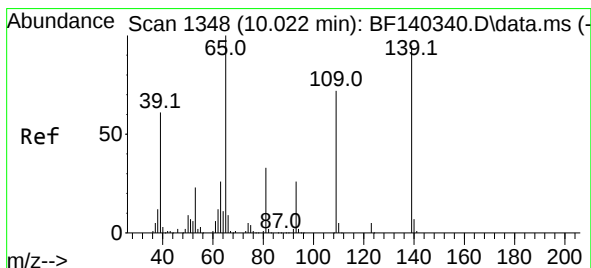
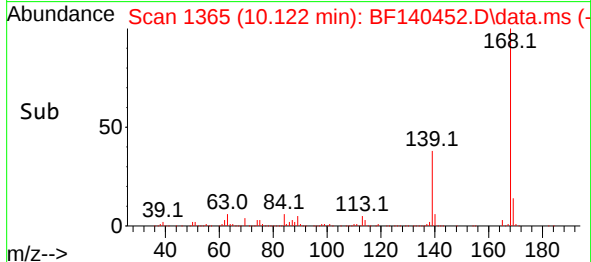
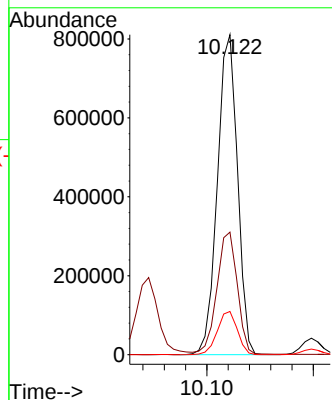
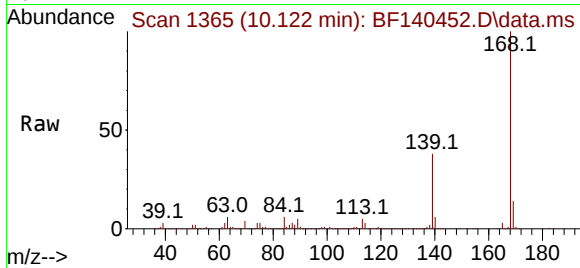




#55
Dibenzofuran
Concen: 43.538 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

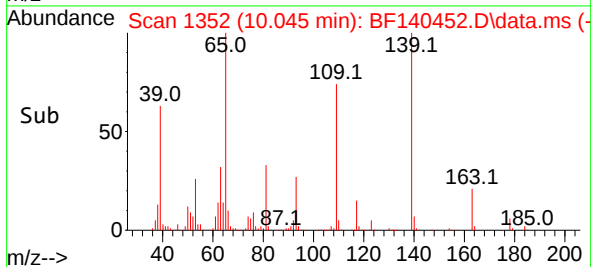
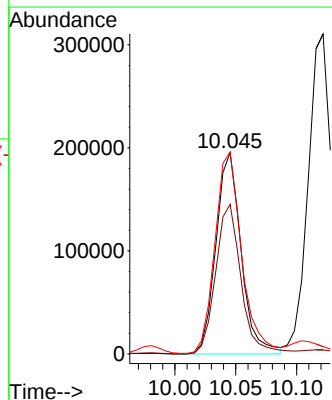
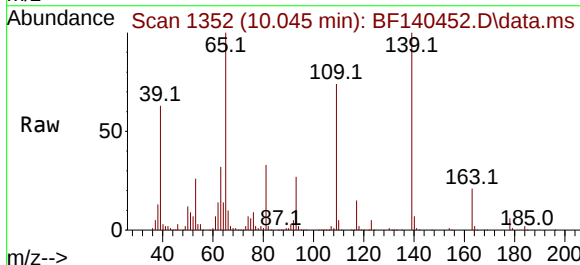
Instrument :
BNA_F
ClientSampleId :
PB164969BS

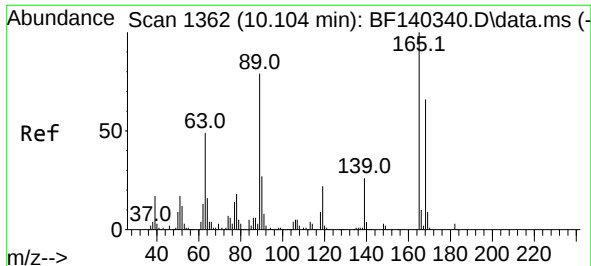
Tgt Ion:168 Resp: 1059505
Ion Ratio Lower Upper
168 100
139 38.3 30.8 46.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 81.513 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:139 Resp: 281641
Ion Ratio Lower Upper
139 100
109 74.4 54.5 94.5
65 100.3 84.4 124.4

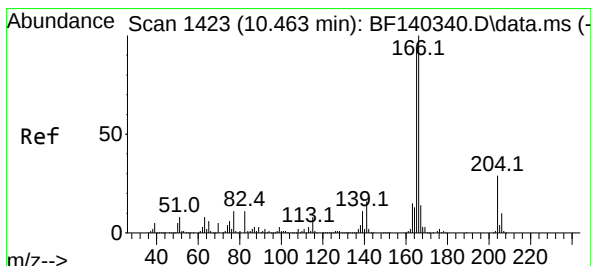
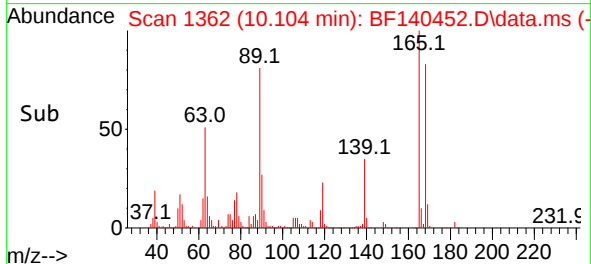
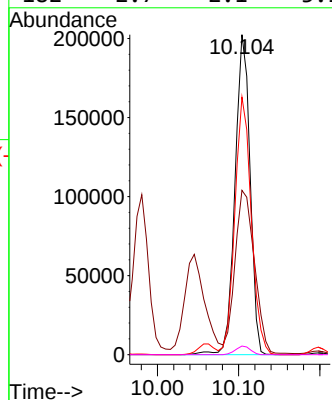
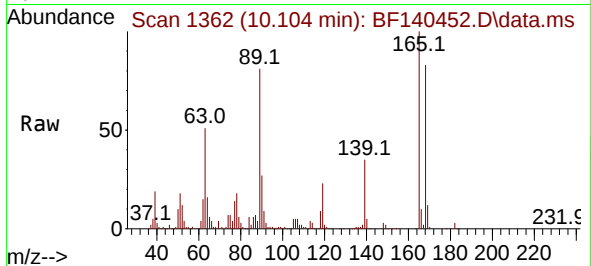




#57
2,4-Dinitrotoluene
Concen: 43.799 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

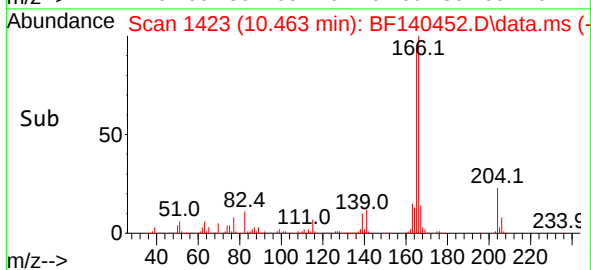
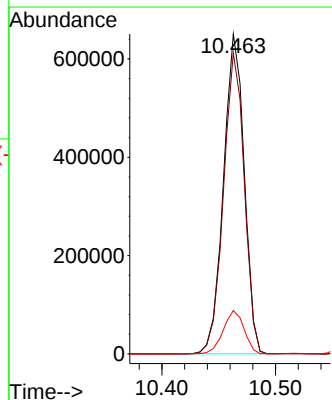
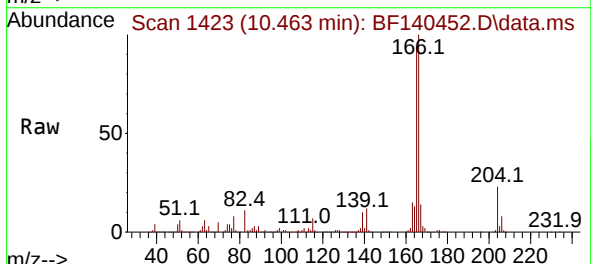
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:165 Resp: 260002
Ion Ratio Lower Upper
165 100
63 51.4 39.4 59.0
89 80.5 62.4 93.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.977 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:166 Resp: 826194
Ion Ratio Lower Upper
166 100
165 94.1 73.9 110.9
167 13.6 10.9 16.3

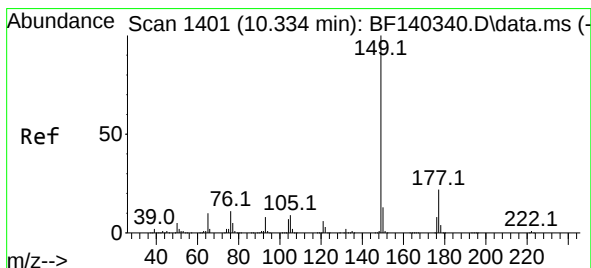
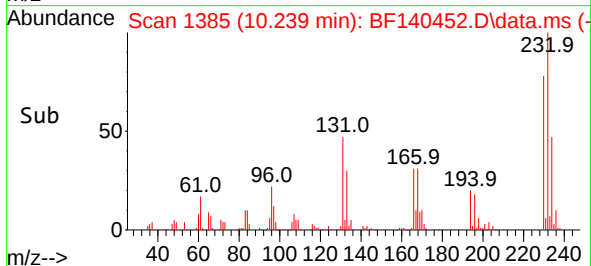
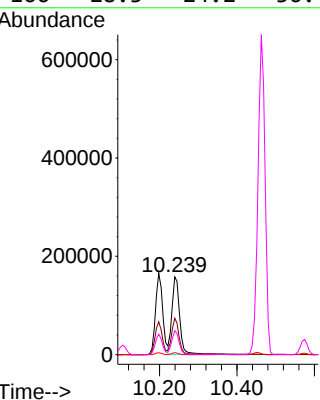
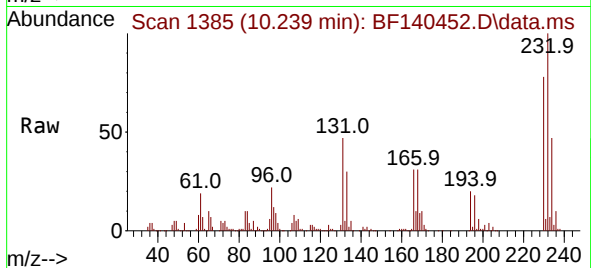




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.205 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

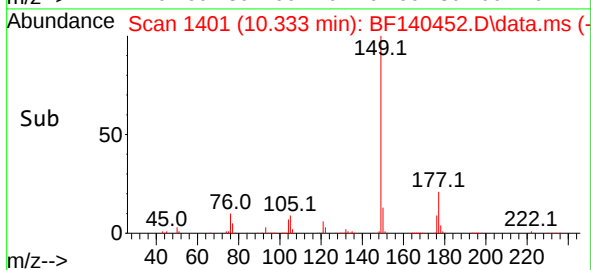
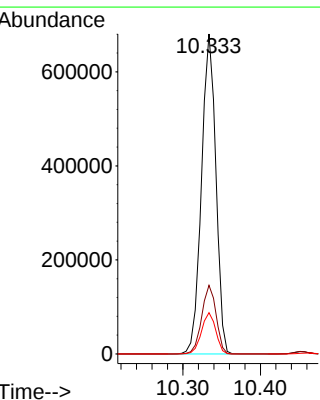
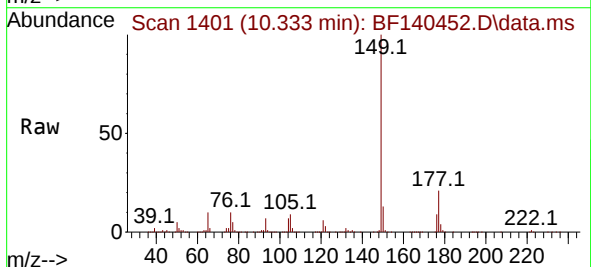
Instrument :
BNA_F
ClientSampleId :
PB164969BS

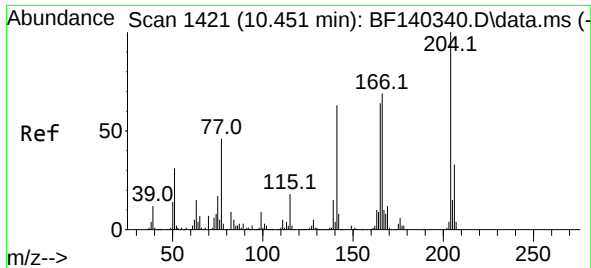
Tgt Ion:232 Resp: 224479
Ion Ratio Lower Upper
232 100
131 45.1 36.8 55.2
130 2.4 1.9 2.9
166 28.3 24.2 36.4



#60
Diethylphthalate
Concen: 43.362 ng
RT: 10.333 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:149 Resp: 877272
Ion Ratio Lower Upper
149 100
177 21.5 17.5 26.3
150 12.9 10.1 15.1

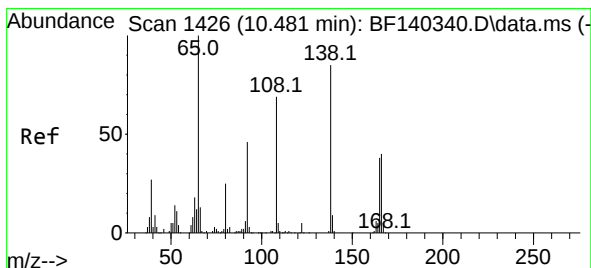
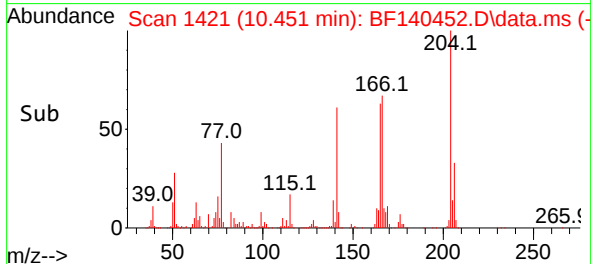
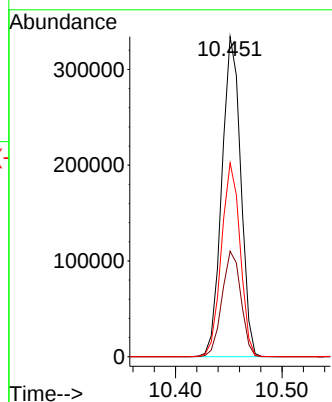
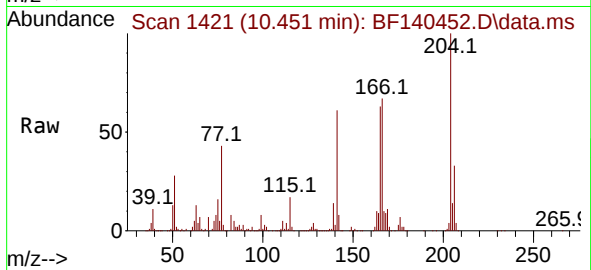




#61
4-Chlorophenyl-phenylether
Concen: 43.271 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

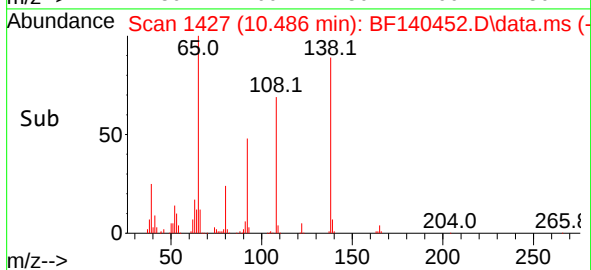
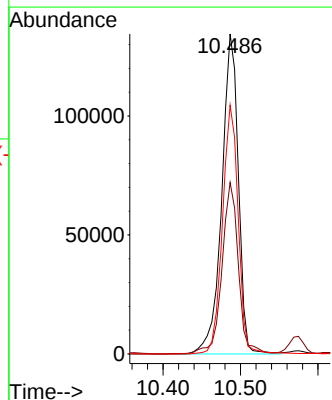
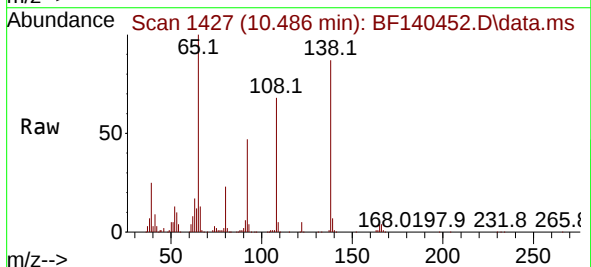
Instrument :
BNA_F
ClientSampleId :
PB164969BS

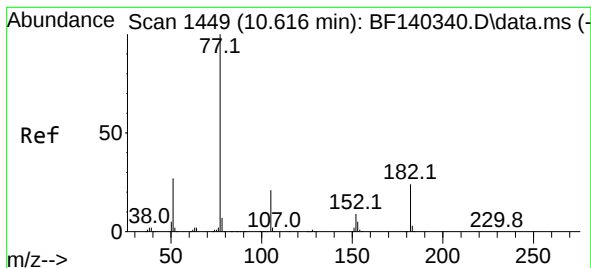
Tgt Ion:204 Resp: 410675
Ion Ratio Lower Upper
204 100
206 33.0 26.0 39.0
141 60.6 49.8 74.8



#62
4-Nitroaniline
Concen: 41.287 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:138 Resp: 199969
Ion Ratio Lower Upper
138 100
92 53.6 33.8 73.8
108 77.7 59.9 99.9





#63

Azobenzene

Concen: 43.086 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

Tgt Ion: 77 Resp: 861268

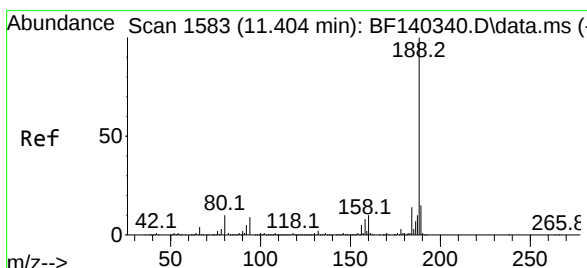
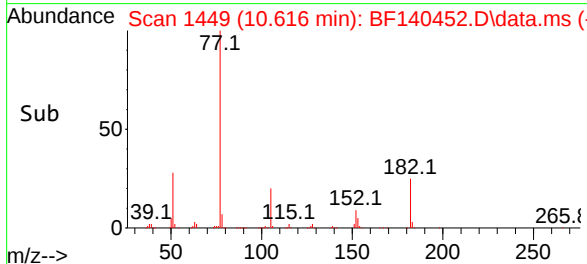
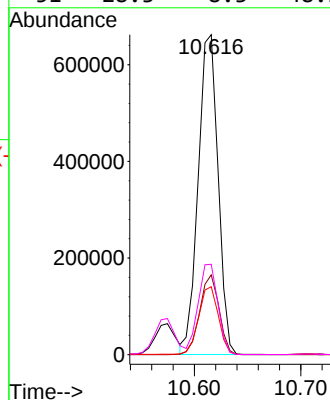
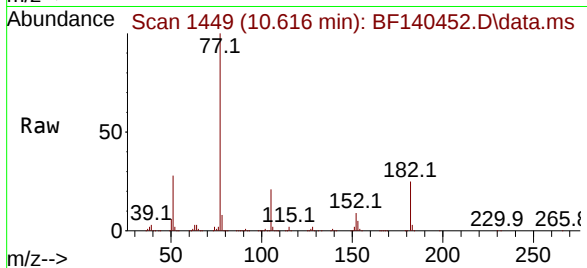
Ion Ratio Lower Upper

77 100

182 25.0 4.6 44.6

105 21.3 0.9 40.9

51 28.3 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

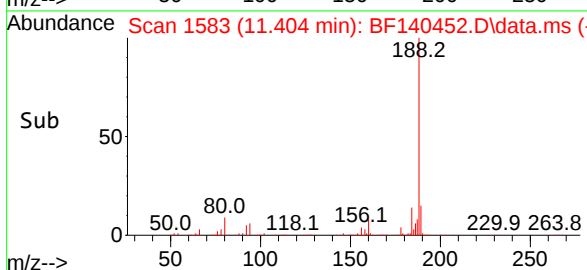
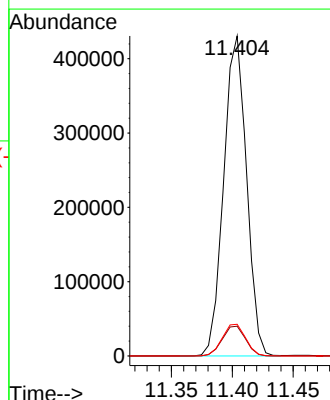
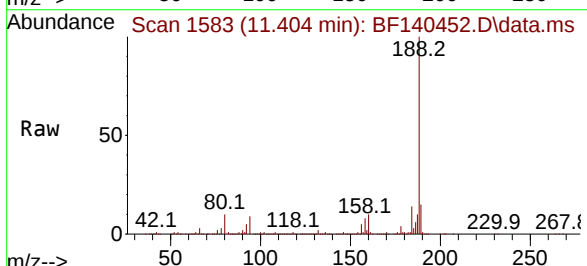
Tgt Ion: 188 Resp: 562649

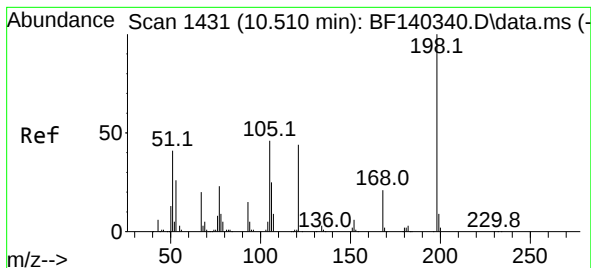
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 9.9 8.0 12.0

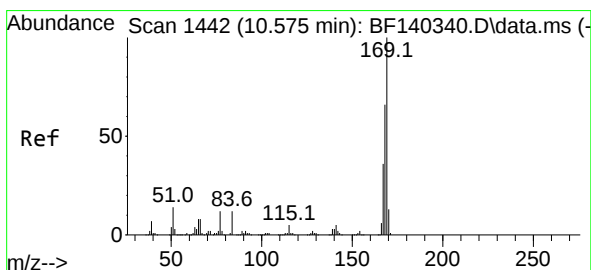
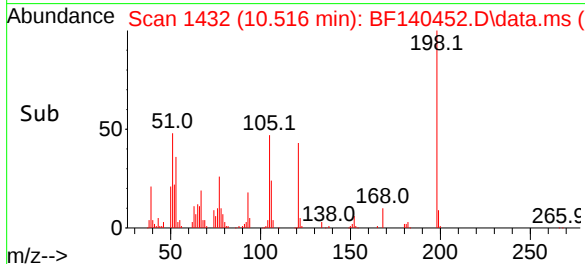
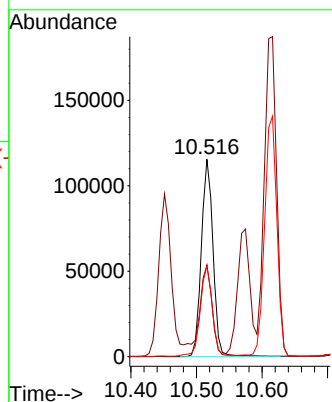
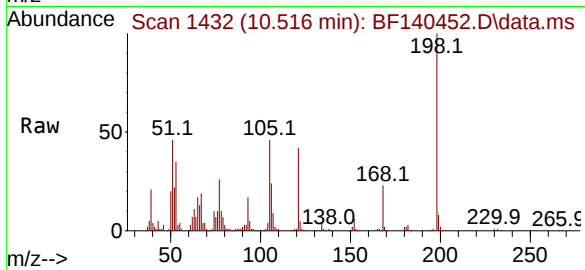




#65
4,6-Dinitro-2-methylphenol
Concen: 47.616 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

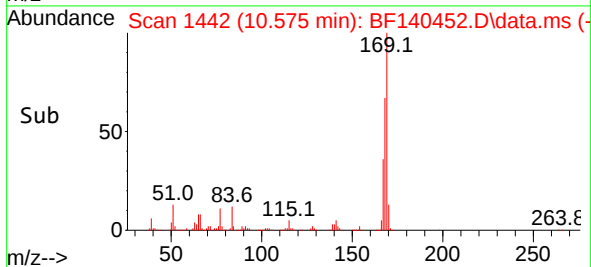
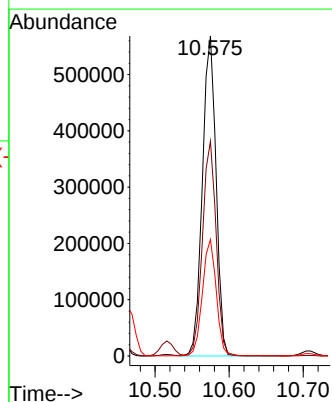
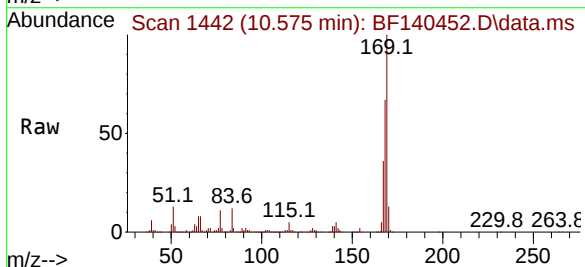
Instrument :
BNA_F
ClientSampleId :
PB164969BS

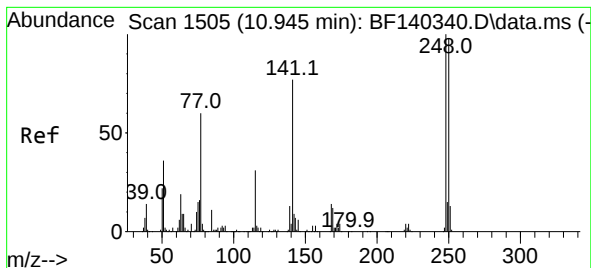
Tgt Ion:198 Resp: 144142
Ion Ratio Lower Upper
198 100
51 46.4 29.7 69.7
105 45.8 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 44.797 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:169 Resp: 728262
Ion Ratio Lower Upper
169 100
168 67.2 52.7 79.1
167 36.4 29.3 43.9

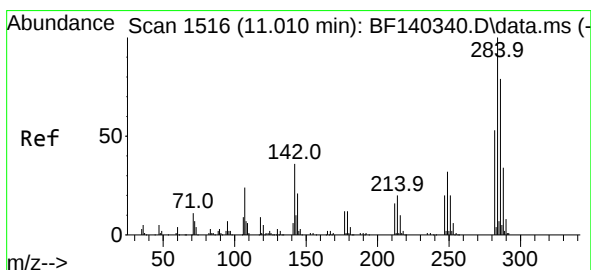
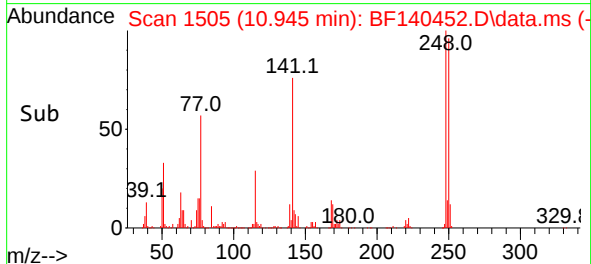
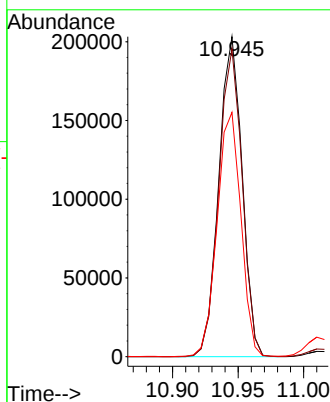
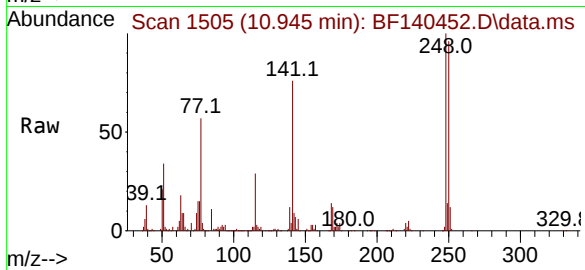




#67
4-Bromophenyl-phenylether
Concen: 44.703 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

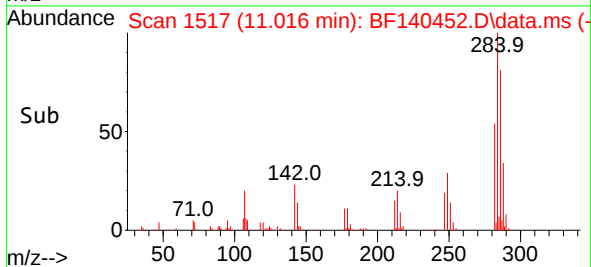
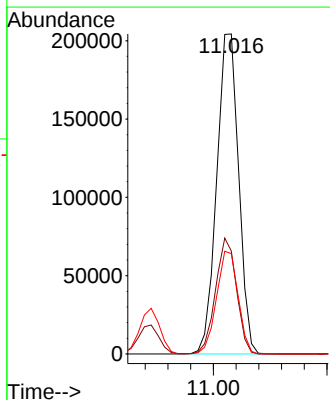
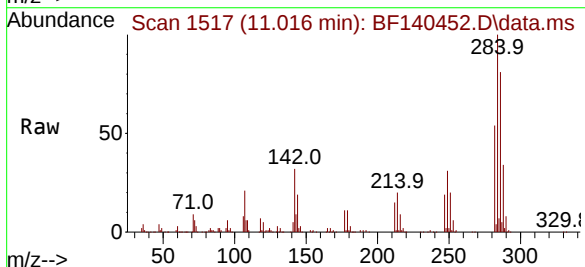
Instrument :
BNA_F
ClientSampleId :
PB164969BS

Tgt Ion:248 Resp: 251423
Ion Ratio Lower Upper
248 100
250 96.2 77.9 116.9
141 76.3 61.8 92.6



#68
Hexachlorobenzene
Concen: 43.279 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:284 Resp: 273875
Ion Ratio Lower Upper
284 100
142 32.2 28.1 42.1
249 31.3 24.9 37.3





#69

Atrazine

Concen: 48.827 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

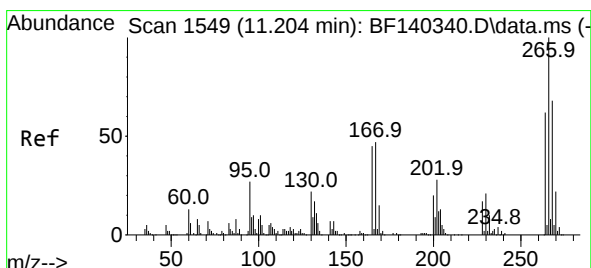
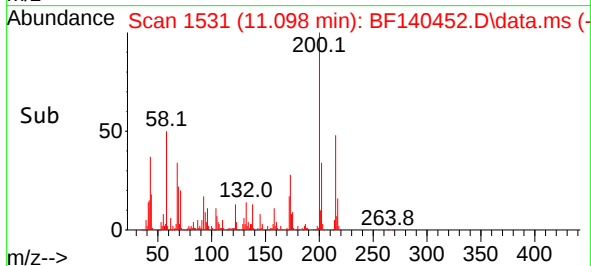
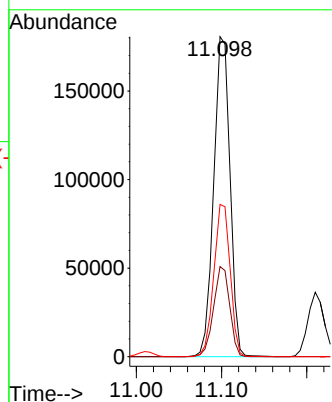
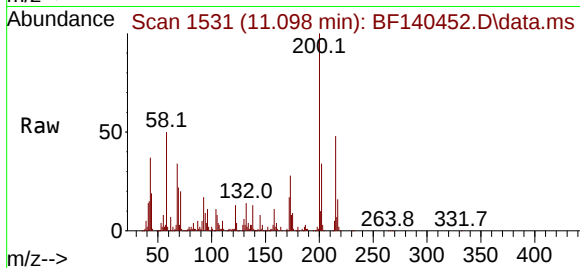
Tgt Ion:200 Resp: 240154

Ion Ratio Lower Upper

200 100

173 28.2 6.6 46.6

215 47.6 27.2 67.2



#70

Pentachlorophenol

Concen: 81.963 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

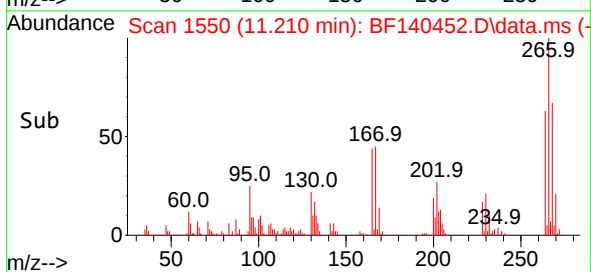
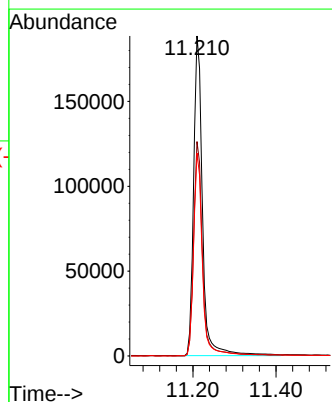
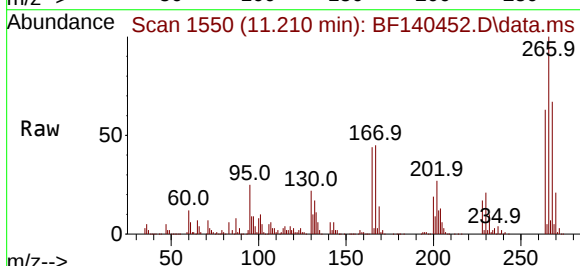
Tgt Ion:266 Resp: 279391

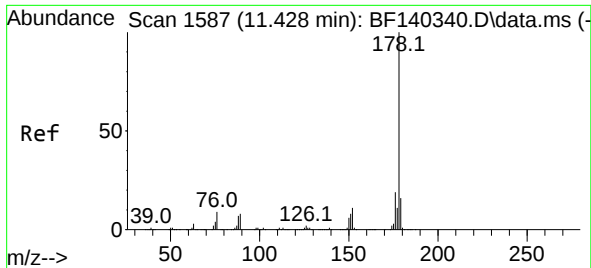
Ion Ratio Lower Upper

266 100

268 67.0 52.9 79.3

264 63.4 50.3 75.5

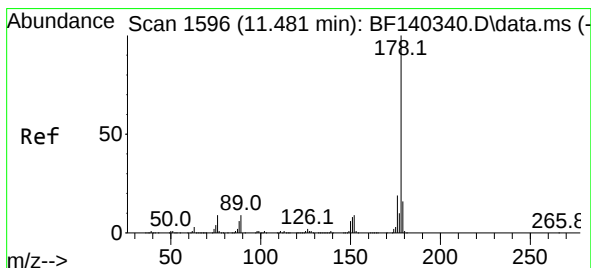
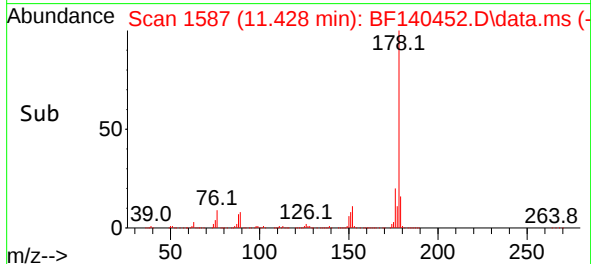
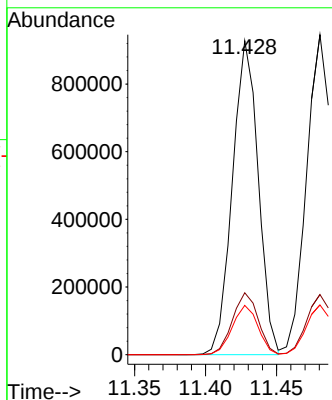
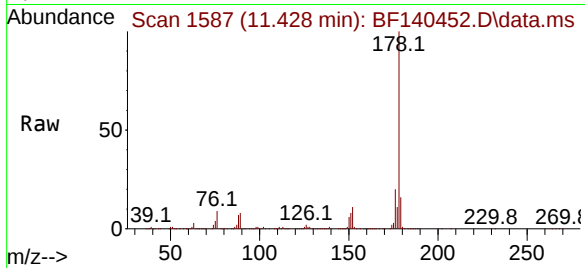




#71
Phenanthrene
Concen: 44.344 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

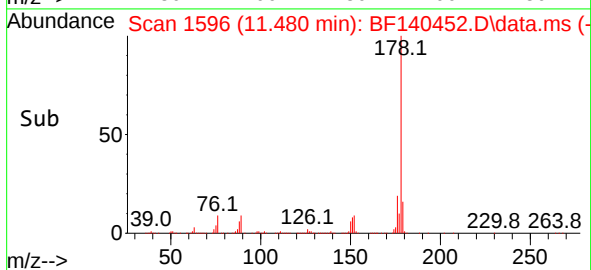
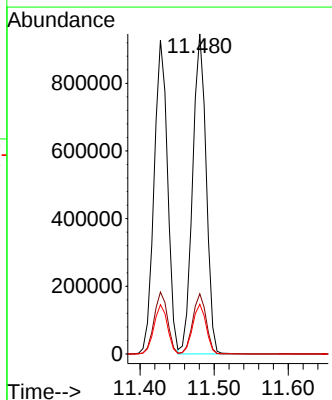
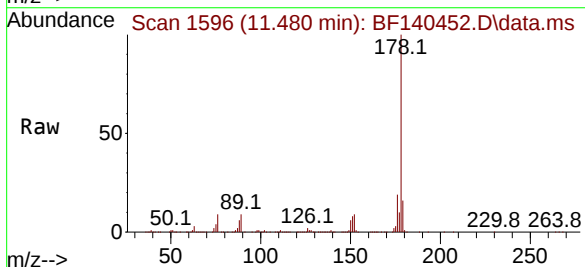
Instrument :
BNA_F
ClientSampleId :
PB164969BS

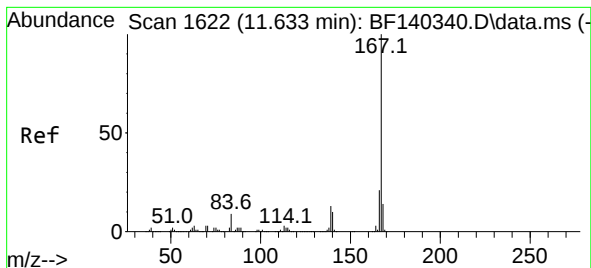
Tgt Ion:178 Resp: 1172050
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.7 12.4 18.6



#72
Anthracene
Concen: 46.297 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:178 Resp: 1199257
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.6 12.6 18.8





#73

Carbazole

Concen: 43.108 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

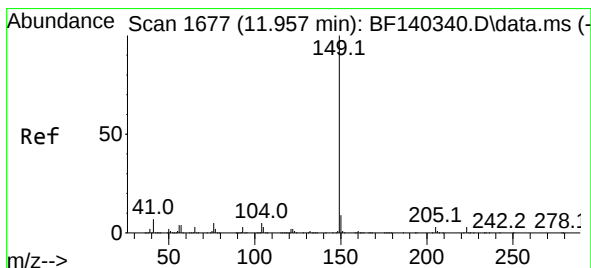
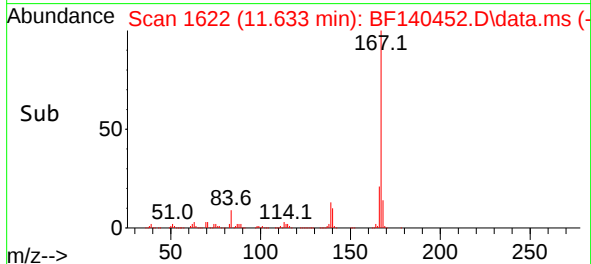
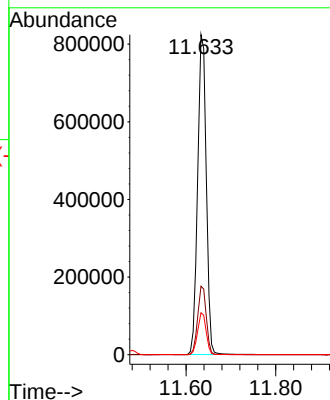
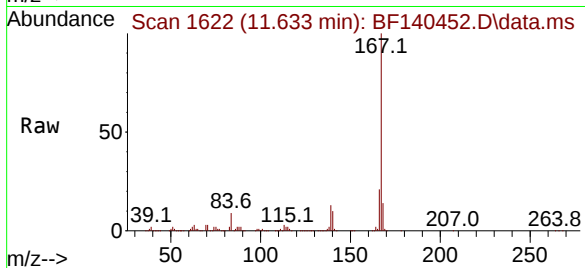
Tgt Ion:167 Resp: 1102601

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.1 10.4 15.6



#74

Di-n-butylphthalate

Concen: 44.077 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

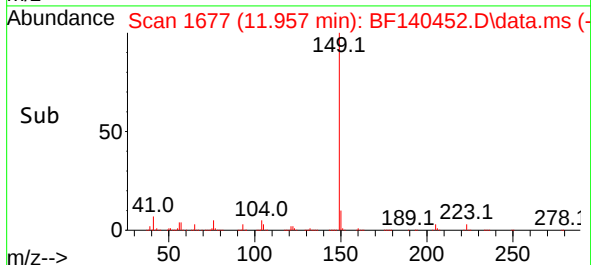
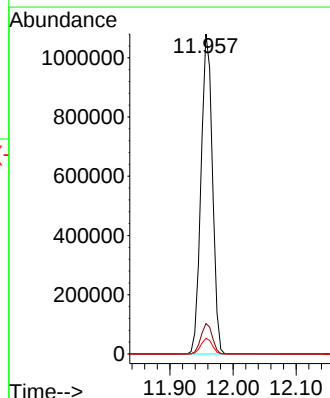
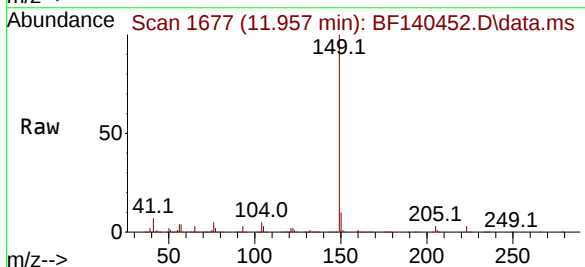
Tgt Ion:149 Resp: 1353096

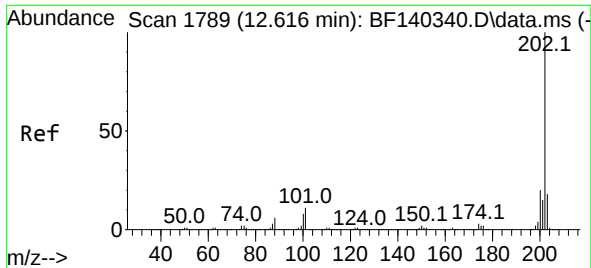
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 4.9 4.0 6.0

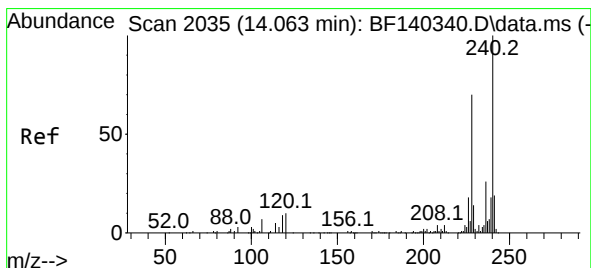
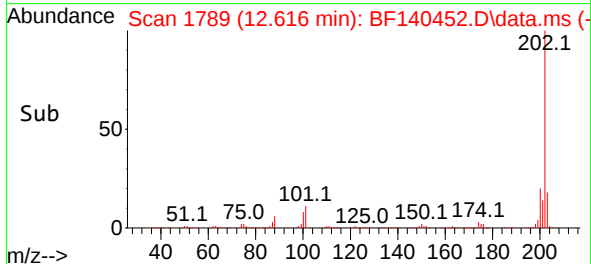
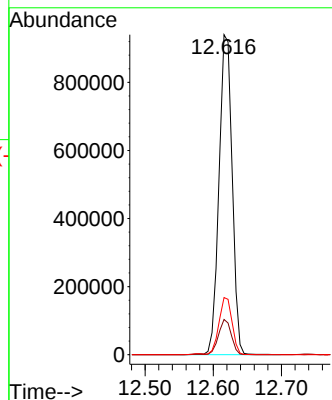
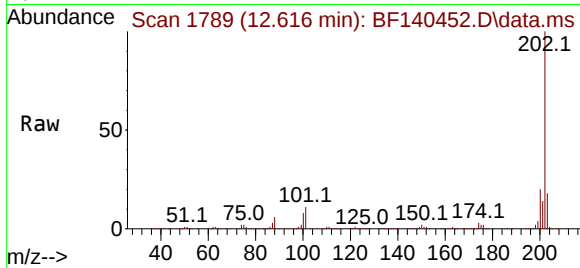




#75
Fluoranthene
Concen: 42.674 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

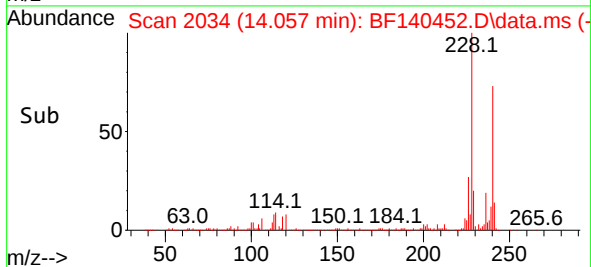
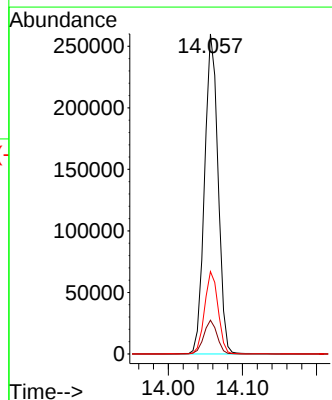
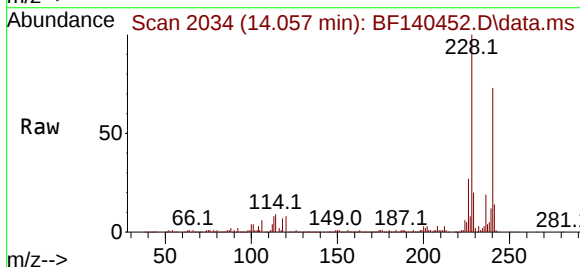
Instrument :
BNA_F
ClientSampleId :
PB164969BS

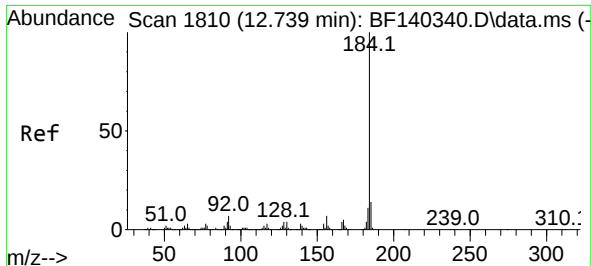
Tgt Ion:202 Resp: 1265420
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:240 Resp: 328358
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.7 20.9 31.3

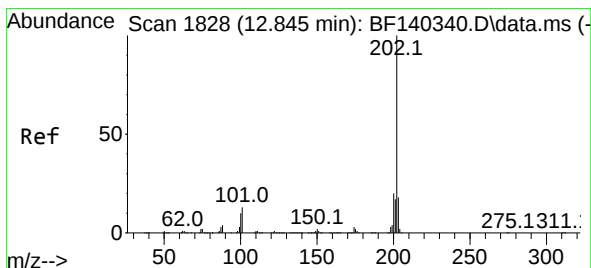
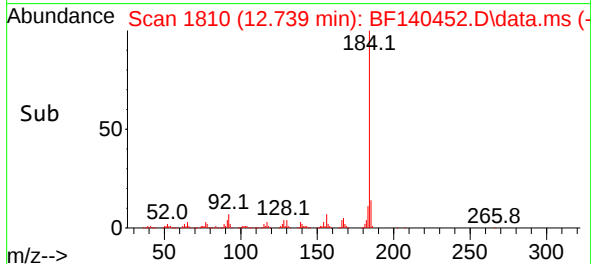
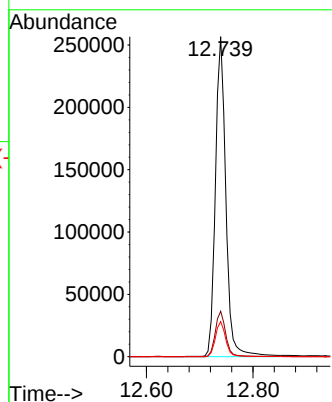
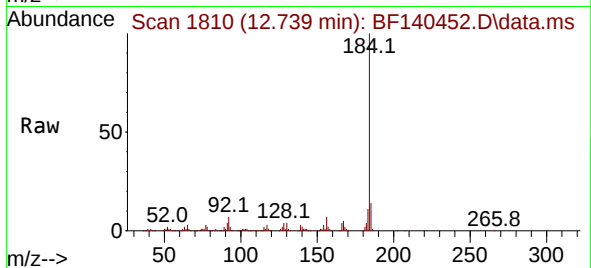




#77
Benzidine
Concen: 27.794 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

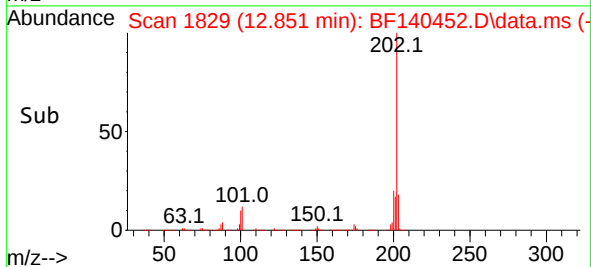
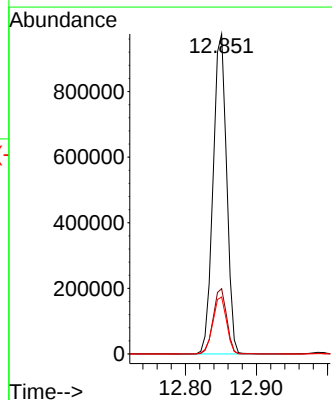
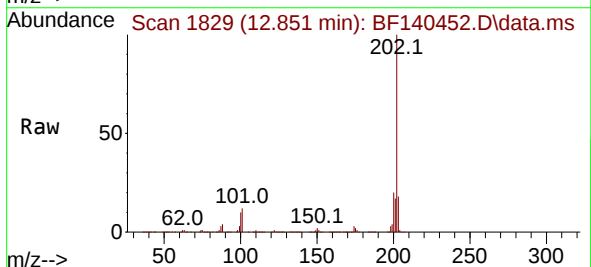
Instrument :
BNA_F
ClientSampleId :
PB164969BS

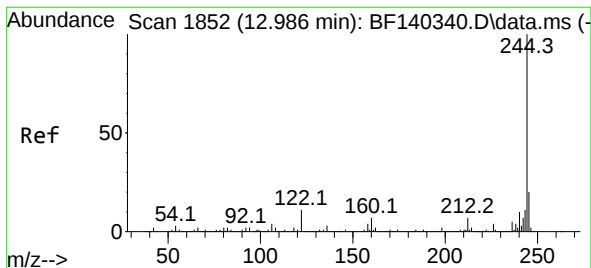
Tgt Ion:184 Resp: 350281
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 10.9 8.6 13.0



#78
Pyrene
Concen: 45.902 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140452.D
Acq: 18 Nov 2024 14:19

Tgt Ion:202 Resp: 1289241
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 93.014 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

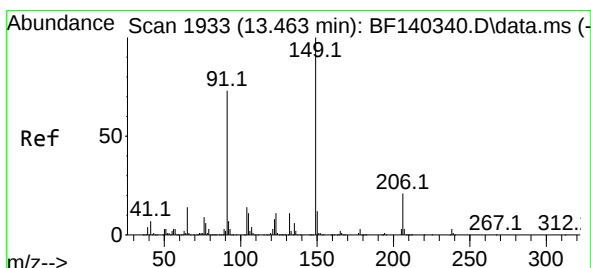
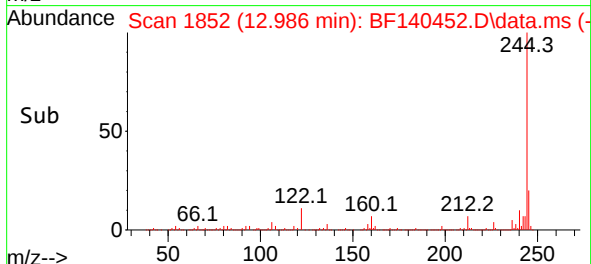
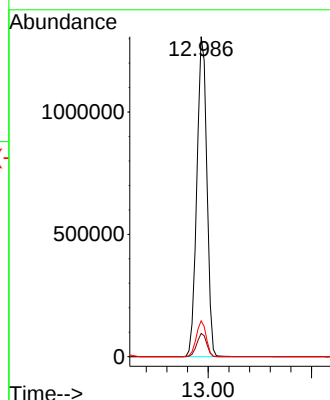
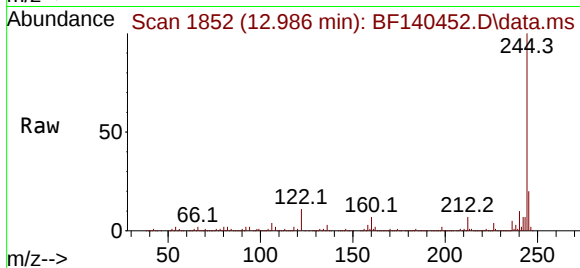
Tgt Ion:244 Resp: 1759527

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 11.2 8.8 13.2



#80

Butylbenzylphthalate

Concen: 49.070 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

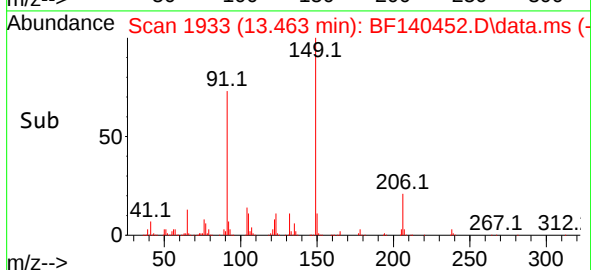
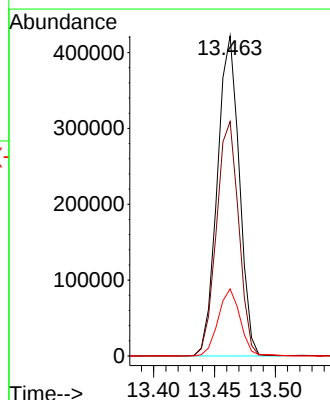
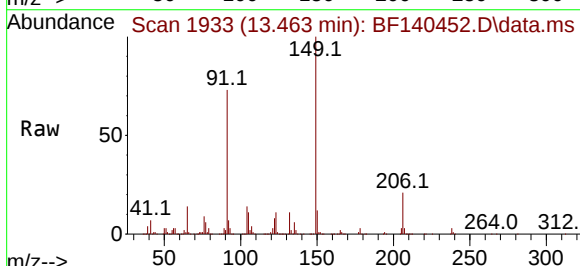
Tgt Ion:149 Resp: 529440

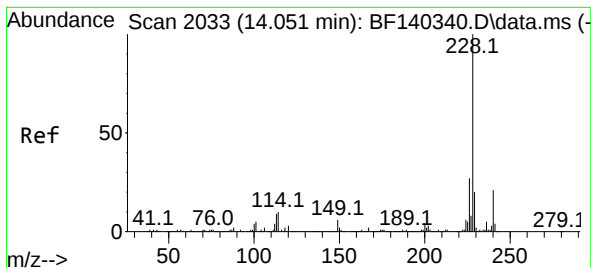
Ion Ratio Lower Upper

149 100

91 73.2 61.0 91.4

206 21.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 46.802 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

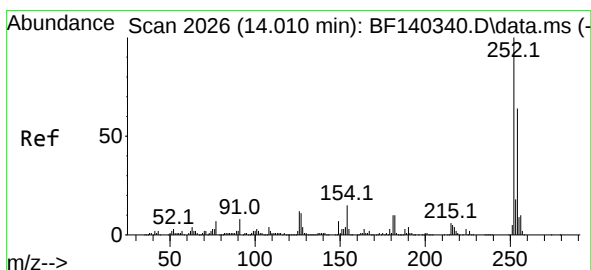
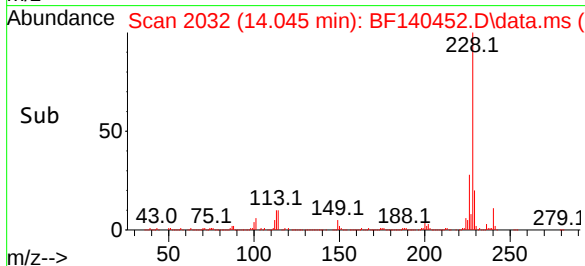
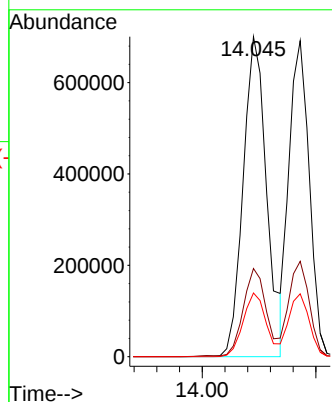
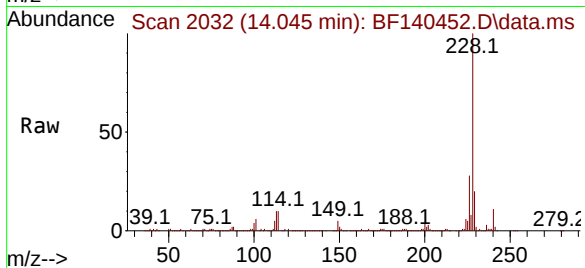
Tgt Ion:228 Resp: 1010007

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 27.769 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

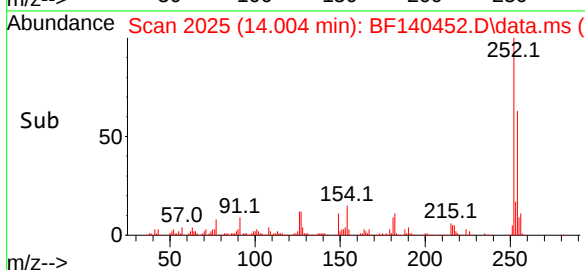
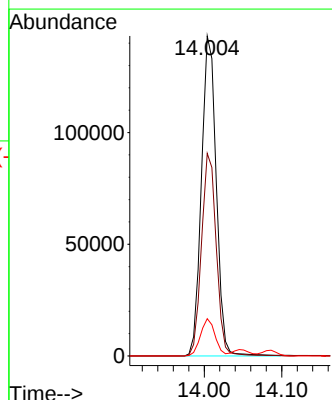
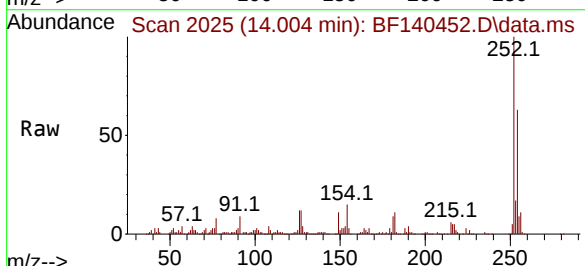
Tgt Ion:252 Resp: 190474

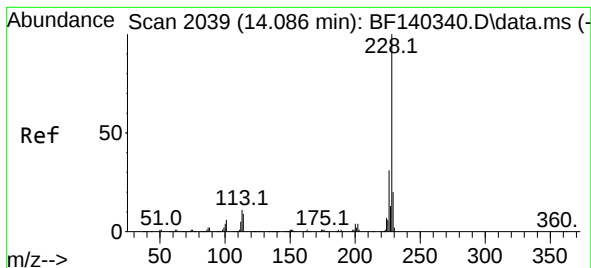
Ion Ratio Lower Upper

252 100

254 63.3 51.4 77.2

126 11.6 9.4 14.0





#83

Chrysene

Concen: 43.465 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

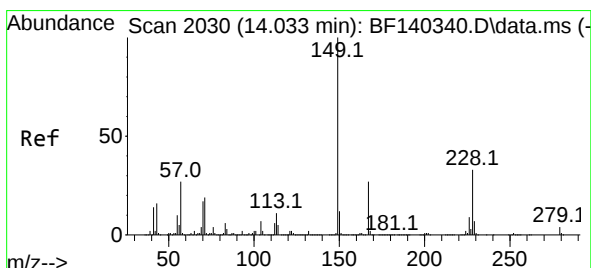
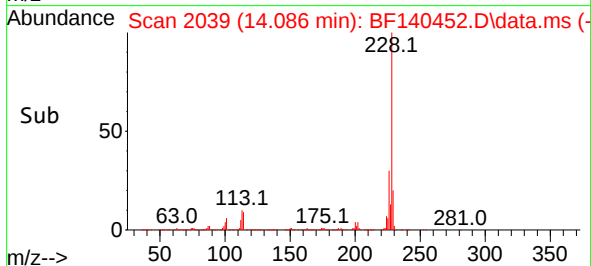
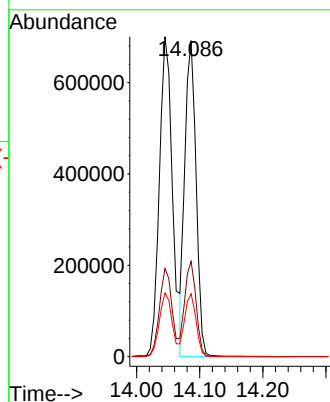
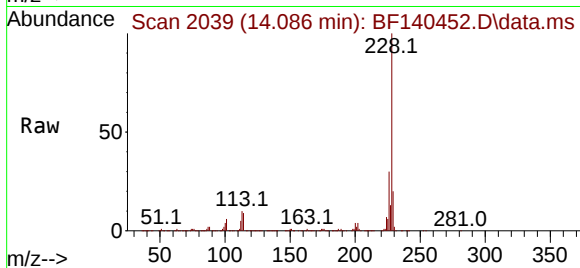
Tgt Ion:228 Resp: 855844

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.129 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

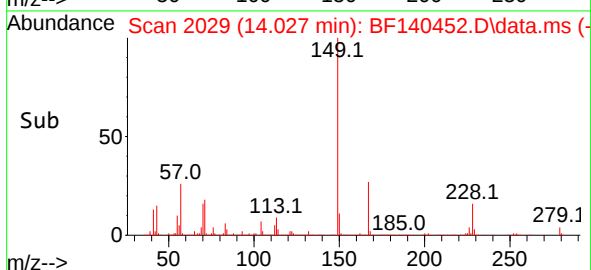
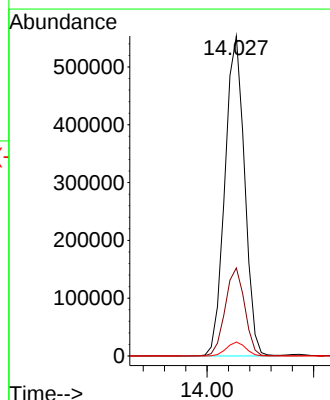
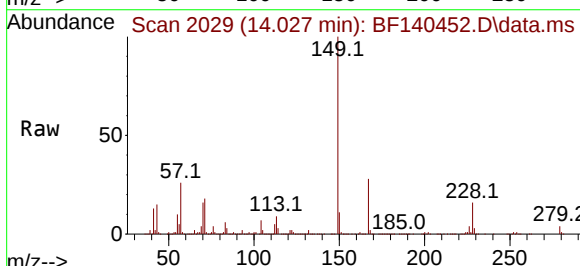
Tgt Ion:149 Resp: 707539

Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 48.721 ng

RT: 14.663 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

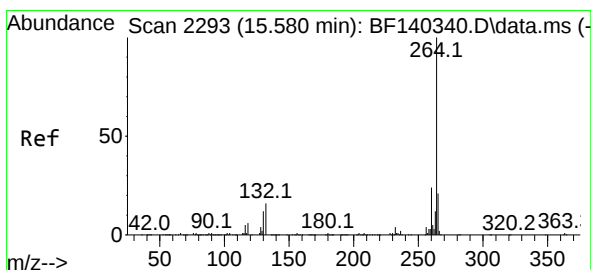
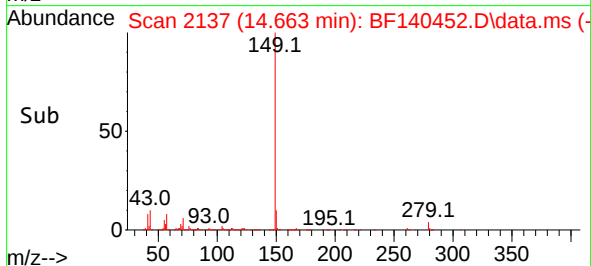
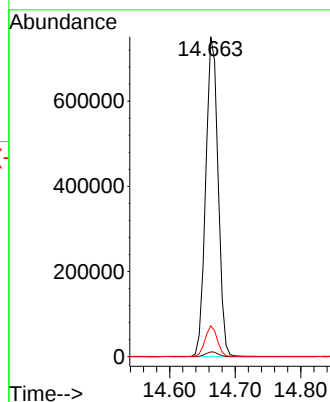
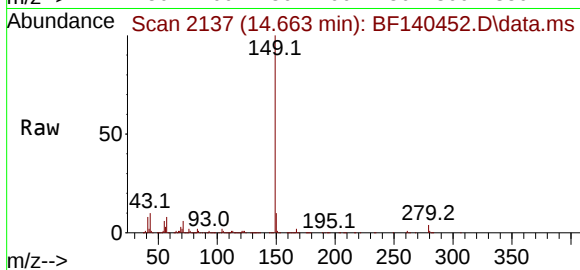
Tgt Ion:149 Resp: 988217

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.3 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

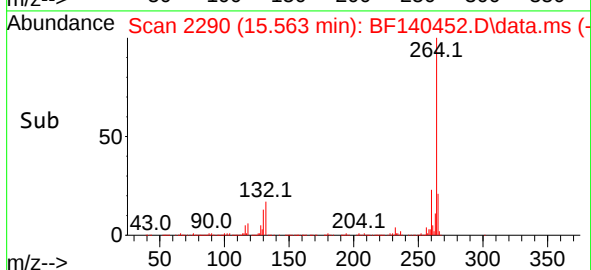
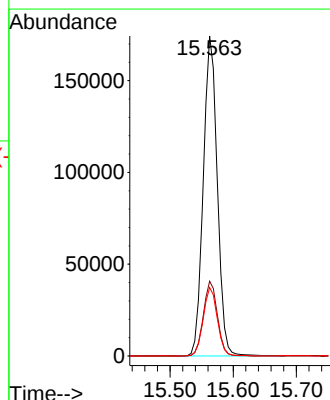
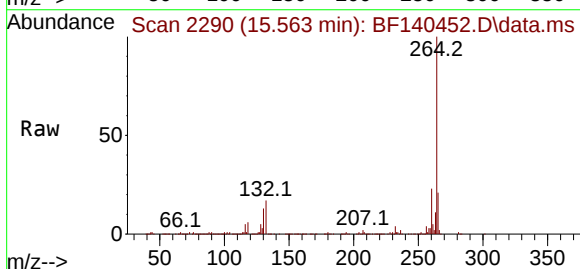
Tgt Ion:264 Resp: 268372

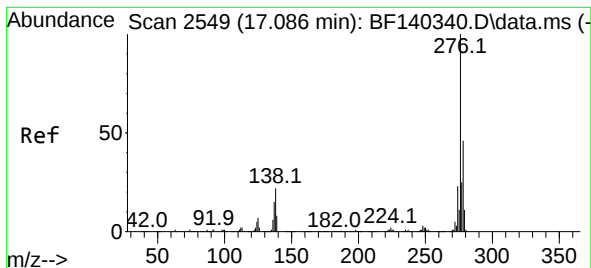
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.4 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.180 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

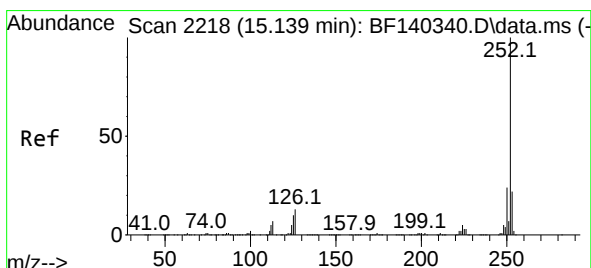
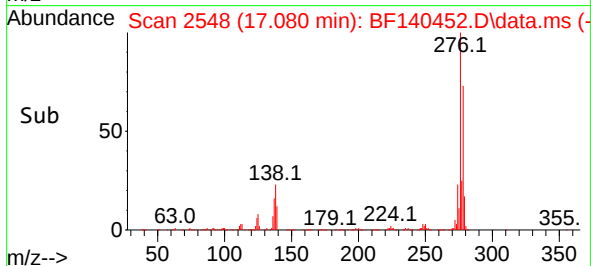
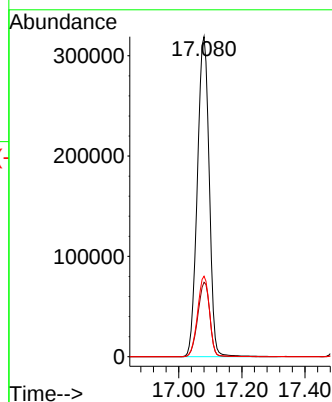
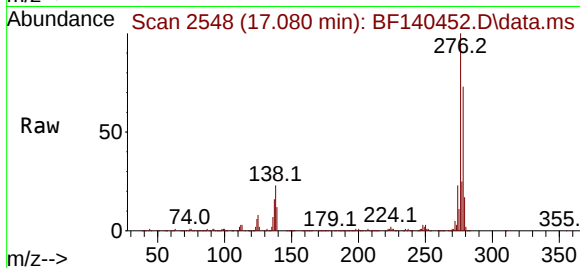
Tgt Ion:276 Resp: 831881

Ion Ratio Lower Upper

276 100

138 23.5 18.8 28.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.288 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

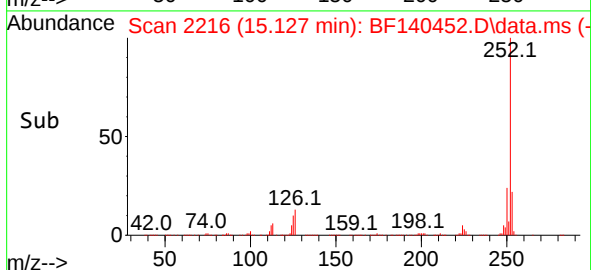
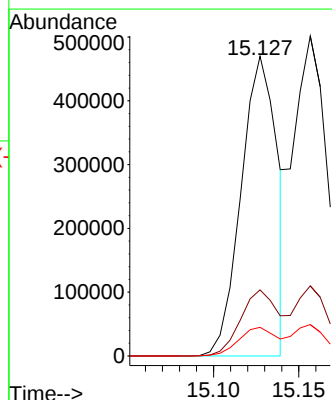
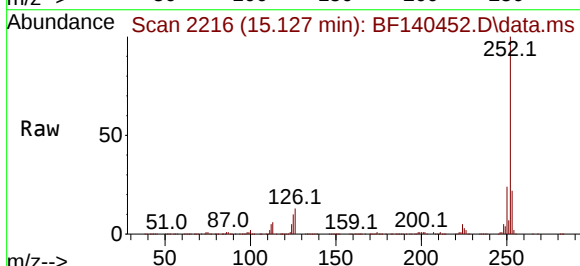
Tgt Ion:252 Resp: 689717

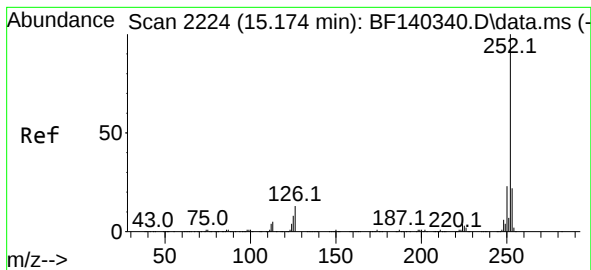
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.5 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 48.980 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

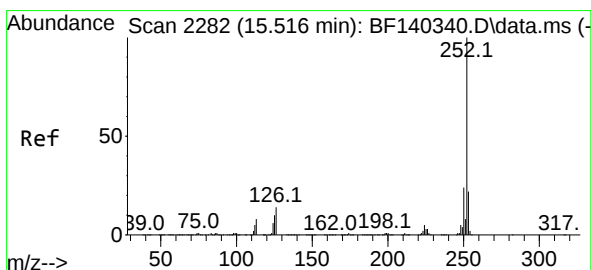
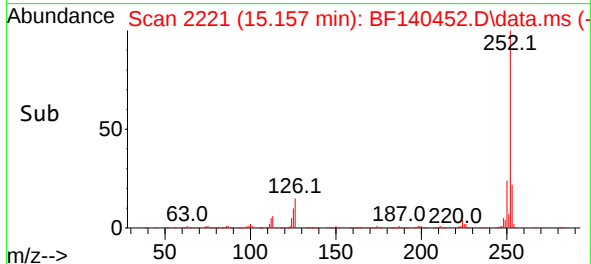
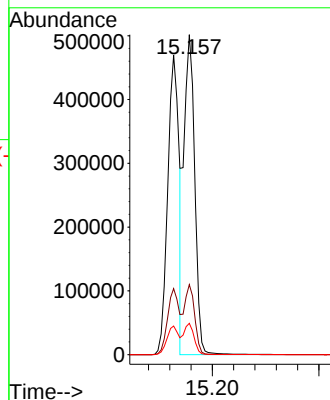
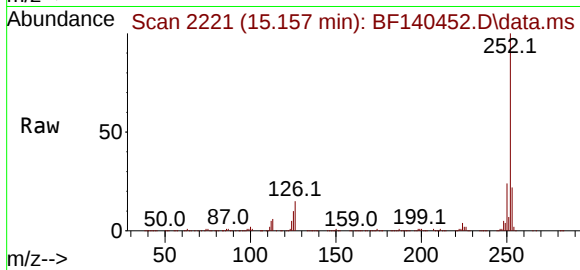
Tgt Ion:252 Resp: 702450

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.808 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

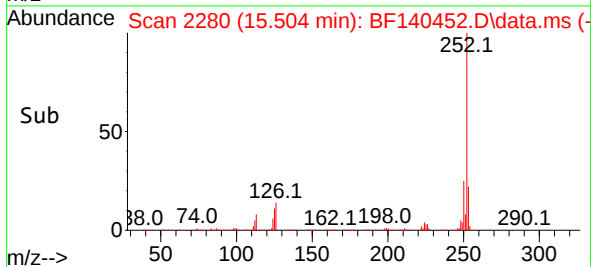
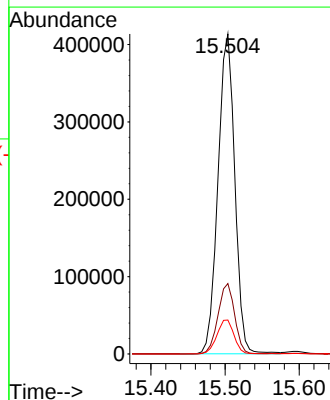
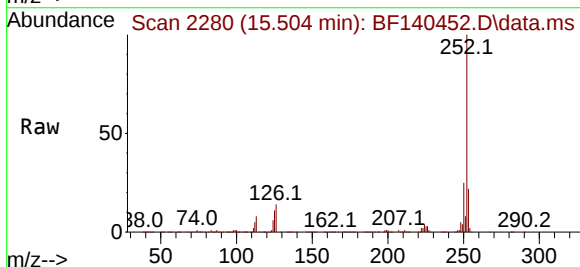
Tgt Ion:252 Resp: 651772

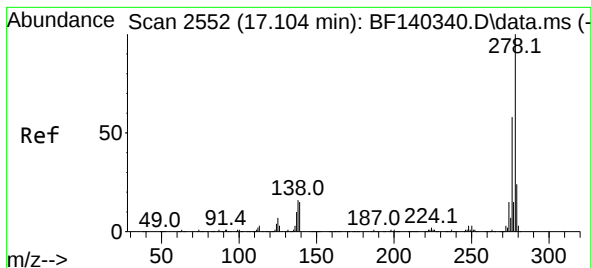
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.6 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 49.754 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Instrument :

BNA_F

ClientSampleId :

PB164969BS

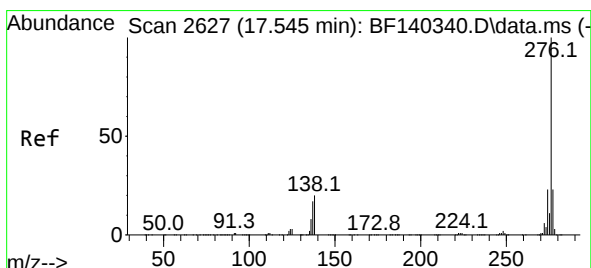
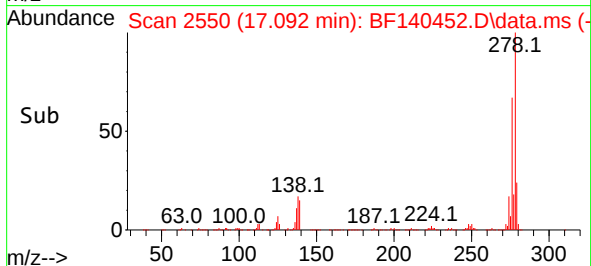
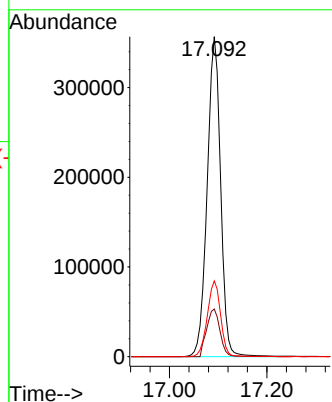
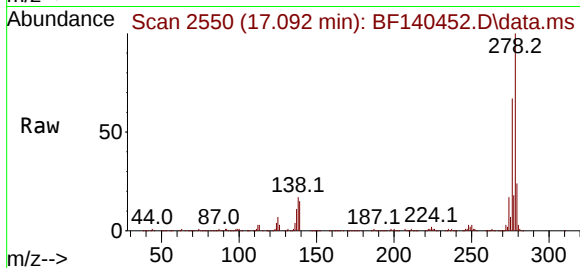
Tgt Ion:278 Resp: 681797

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.8

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 45.659 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.018 min

Lab File: BF140452.D

Acq: 18 Nov 2024 14:19

Tgt Ion:276 Resp: 639656

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 20.9 16.0 24.0

