

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140822.D
 Acq On : 11 Dec 2024 12:04
 Operator : RC/JU
 Sample : PB165522BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165522BS

Quant Time: Dec 11 13:29:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	75200	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	308329	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	170764	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	341184	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	200432	20.000	ng	0.00
86) Perylene-d12	15.545	264	165537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	581037	131.831	ng	0.01
7) Phenol-d6	6.516	99	759928	130.421	ng	0.00
23) Nitrobenzene-d5	7.428	82	505338	83.833	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	274619	150.366	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1076435	93.921	ng	-0.02
79) Terphenyl-d14	12.980	244	1204995	93.615	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.722	88	74822	40.377	ng	96
3) Pyridine	3.534	79	188342	46.194	ng	98
4) n-Nitrosodimethylamine	3.446	42	100001	41.731	ng	99
6) Aniline	6.528	93	213454	52.047	ng	# 60
8) 2-Chlorophenol	6.657	128	239804	50.573	ng	95
9) Benzaldehyde	6.422	77	65935	21.376	ng	98
10) Phenol	6.528	94	294321	49.461	ng	89
11) bis(2-Chloroethyl)ether	6.598	93	225132	49.441	ng	99
12) 1,3-Dichlorobenzene	6.798	146	254738	47.811	ng	99
13) 1,4-Dichlorobenzene	6.875	146	257834	47.793	ng	100
14) 1,2-Dichlorobenzene	7.028	146	245531	48.570	ng	100
15) Benzyl Alcohol	7.016	79	216950	50.208	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	270874	50.353	ng	# 61
17) 2-Methylphenol	7.128	107	185439	48.855	ng	94
18) Hexachloroethane	7.369	117	99557	49.410	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	171777	49.883	ng	97
20) 3+4-Methylphenols	7.287	107	250975	51.442	ng	# 72
22) Acetophenone	7.275	105	334355	44.480	ng	95
24) Nitrobenzene	7.445	77	267385	42.919	ng	99
25) Isophorone	7.692	82	513174	51.041	ng	99
26) 2-Nitrophenol	7.763	139	144310	52.270	ng	96
27) 2,4-Dimethylphenol	7.804	122	204877	62.022	ng	96
28) bis(2-Chloroethoxy)met...	7.887	93	312701	51.053	ng	99
29) 2,4-Dichlorophenol	8.016	162	227185	51.903	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	235309	47.083	ng	100
31) Naphthalene	8.163	128	783126	49.310	ng	99
32) Benzoic acid	7.957	122	165829	56.236	ng	98
33) 4-Chloroaniline	8.222	127	149471	31.434	ng	98
34) Hexachlorobutadiene	8.275	225	156429	47.256	ng	99
35) Caprolactam	8.610	113	36732	27.117	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	247602	50.523	ng	98
37) 2-Methylnaphthalene	8.857	142	509718	50.530	ng	99
38) 1-Methylnaphthalene	8.951	142	468779	47.411	ng	99
40) 1,2,4,5-Tetrachloroben...	9.022	216	251111	50.231	ng	99
41) Hexachlorocyclopentadiene	9.004	237	107796	94.478	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	158849	50.639	ng	99

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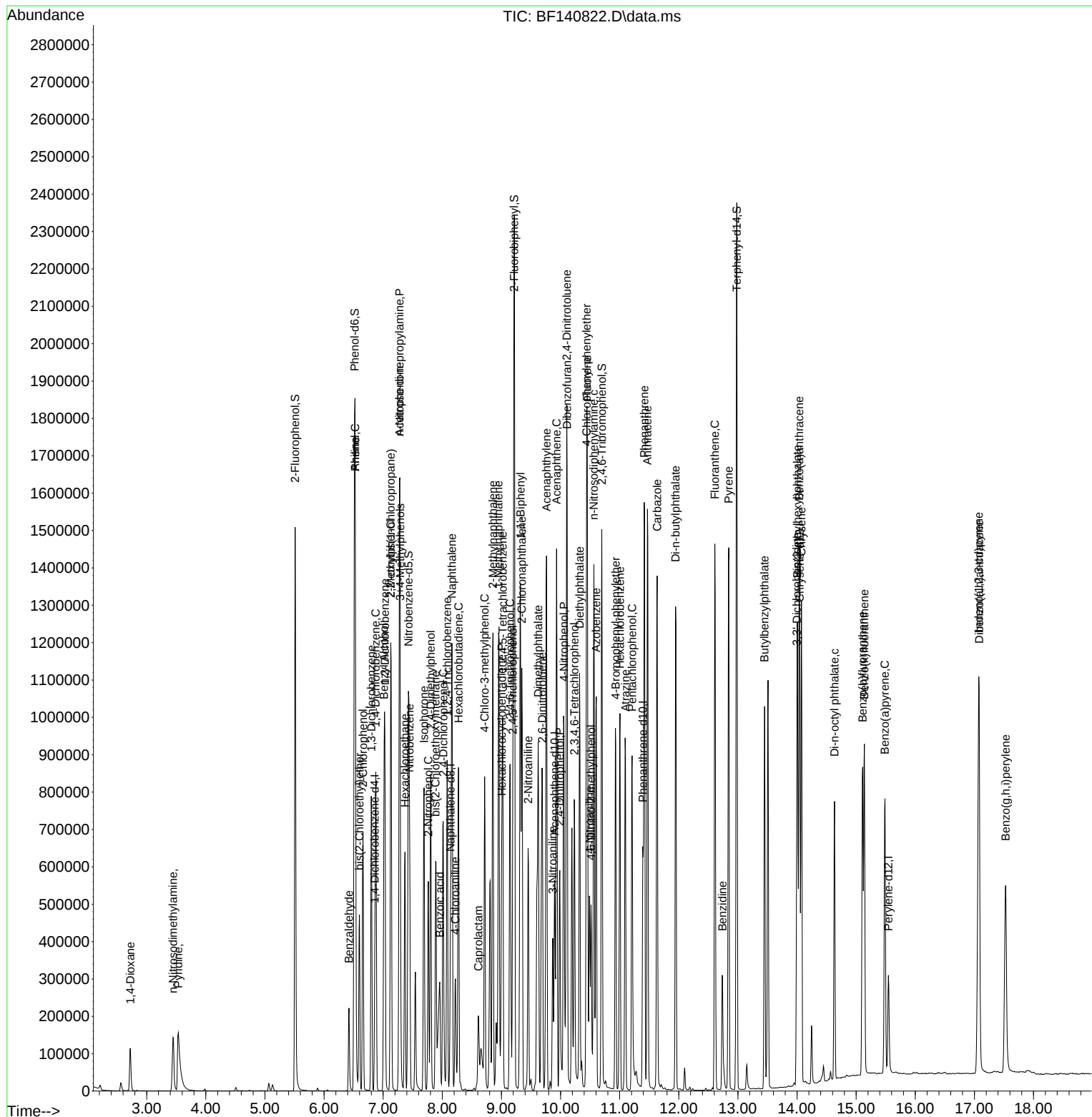
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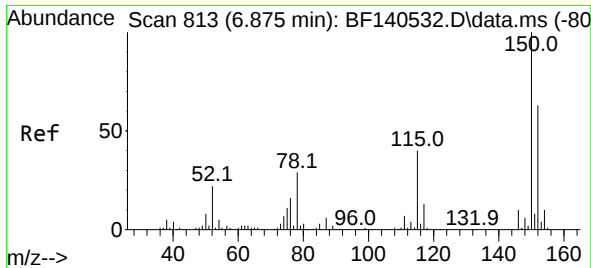
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	165579	48.636	ng	98
46) 1,1'-Biphenyl	9.322	154	642821	50.420	ng	99
47) 2-Chloronaphthalene	9.345	162	474254	49.092	ng	99
48) 2-Nitroaniline	9.451	65	159553	51.455	ng	99
49) Acenaphthylene	9.763	152	769099	52.691	ng	99
50) Dimethylphthalate	9.622	163	583863	51.915	ng	100
51) 2,6-Dinitrotoluene	9.692	165	124135	48.668	ng	96
52) Acenaphthene	9.933	154	469265	50.598	ng	100
53) 3-Nitroaniline	9.869	138	91730	36.771	ng	95
54) 2,4-Dinitrophenol	9.986	184	135345	100.262	ng	93
55) Dibenzofuran	10.110	168	702840	49.683	ng	99
56) 4-Nitrophenol	10.057	139	149404	87.816	ng	93
57) 2,4-Dinitrotoluene	10.104	165	169528	50.010	ng	# 93
58) Fluorene	10.451	166	578900	50.982	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	155157	59.301	ng	93
60) Diethylphthalate	10.322	149	589482	51.589	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	279522	50.161	ng	99
62) 4-Nitroaniline	10.492	138	135789	51.899	ng	93
63) Azobenzene	10.604	77	561122	51.855	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	99864	57.279	ng	96
66) n-Nitrosodiphenylamine	10.563	169	508969	50.444	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	175149	49.848	ng	95
68) Hexachlorobenzene	11.004	284	198003	48.667	ng	100
69) Atrazine	11.098	200	170052	59.911	ng	98
70) Pentachlorophenol	11.210	266	181552	101.390	ng	100
71) Phenanthrene	11.416	178	867358	52.886	ng	99
72) Anthracene	11.469	178	886525	55.260	ng	100
73) Carbazole	11.633	167	824604	53.431	ng	100
74) Di-n-butylphthalate	11.945	149	962743	54.033	ng	100
75) Fluoranthene	12.610	202	879064	49.367	ng	100
77) Benzidine	12.739	184	212771	36.512	ng	99
78) Pyrene	12.845	202	880335	47.502	ng	99
80) Butylbenzylphthalate	13.451	149	330583	49.517	ng	99
81) Benzo(a)anthracene	14.039	228	722410	54.448	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	142145	35.684	ng	98
83) Chrysene	14.074	228	636862	52.495	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	385620	45.744	ng	100
85) Di-n-octyl phthalate	14.633	149	508214	44.113	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	627844	58.199	ng	99
88) Benzo(b)fluoranthene	15.110	252	528946	50.872	ng	99
89) Benzo(k)fluoranthene	15.139	252	508093	55.842	ng	100
90) Benzo(a)pyrene	15.486	252	479712	56.743	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	513614	58.135	ng	99
92) Benzo(g,h,i)perylene	17.527	276	506690	56.202	ng	98

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

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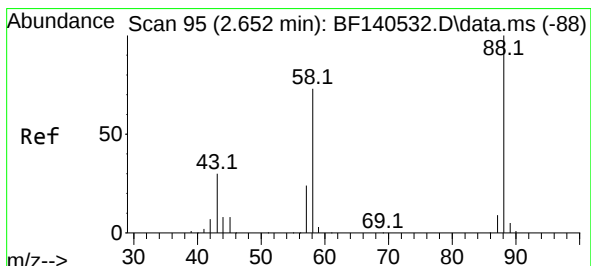
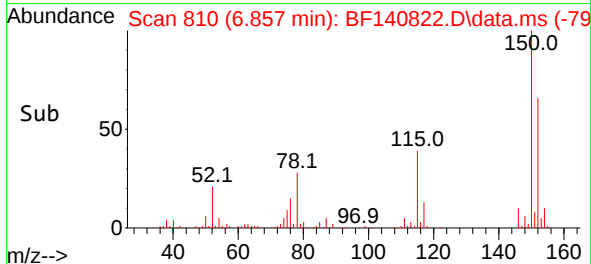
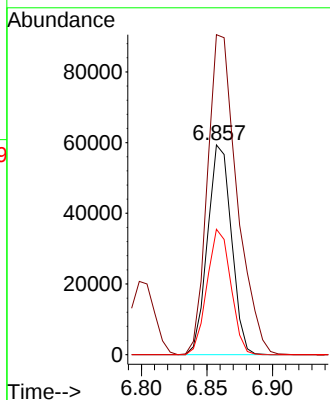
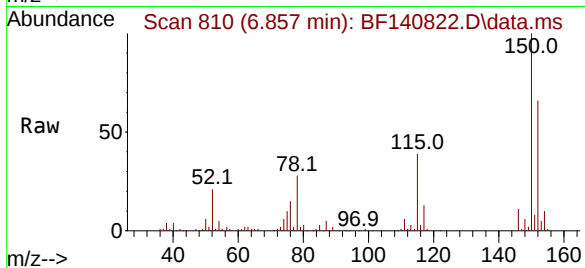




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140822.D
 Acq: 11 Dec 2024 12:04

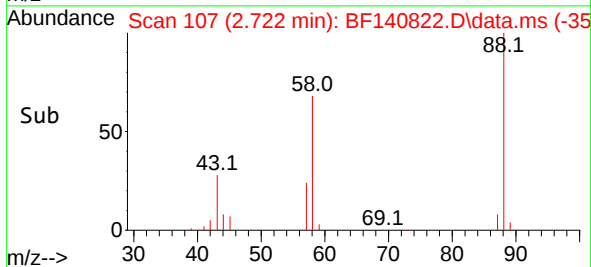
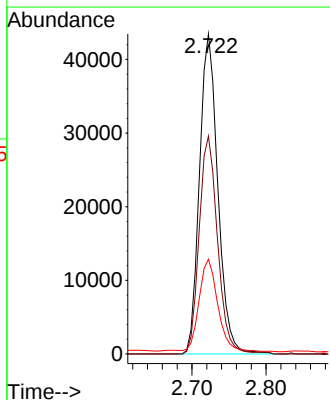
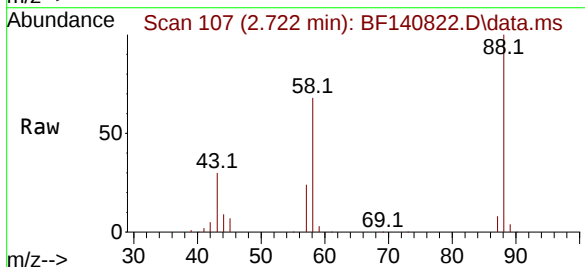
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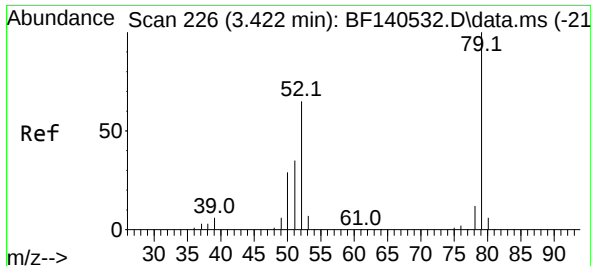
Tgt Ion:152 Resp: 75200
 Ion Ratio Lower Upper
 152 100
 150 152.6 128.5 192.7
 115 59.8 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.377 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.071 min
 Lab File: BF140822.D
 Acq: 11 Dec 2024 12:04

Tgt Ion: 88 Resp: 74822
 Ion Ratio Lower Upper
 88 100
 58 67.9 57.4 86.2
 43 29.6 24.3 36.5





#3

Pyridine

Concen: 46.194 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.112 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

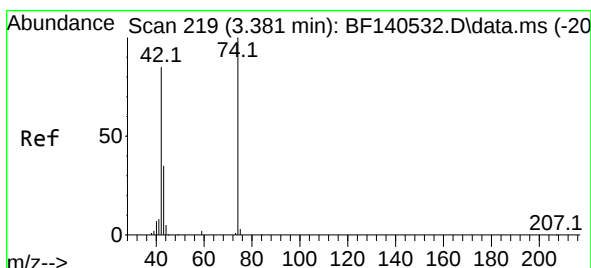
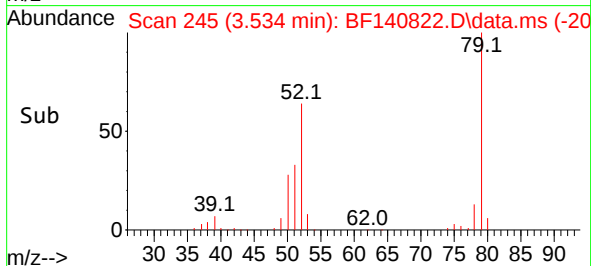
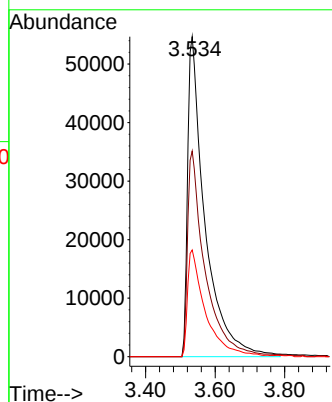
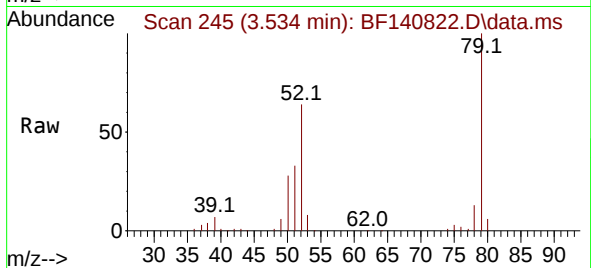
Tgt Ion: 79 Resp: 188342

Ion Ratio Lower Upper

79 100

52 64.3 52.1 78.1

51 33.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 41.731 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.065 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

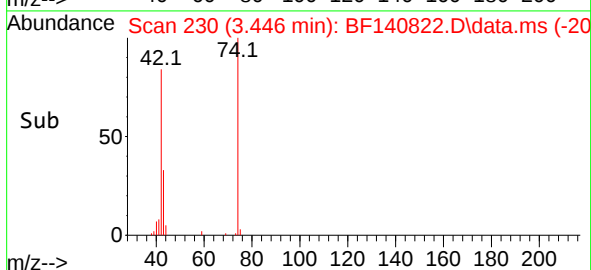
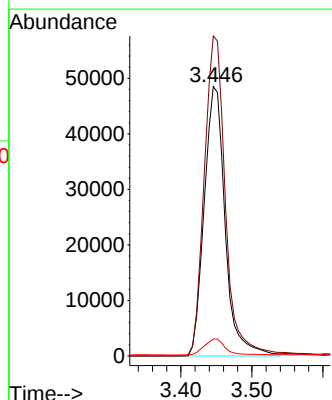
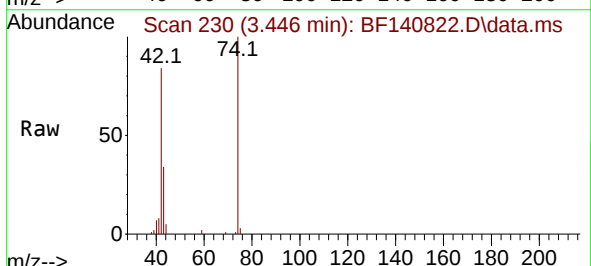
Tgt Ion: 42 Resp: 100001

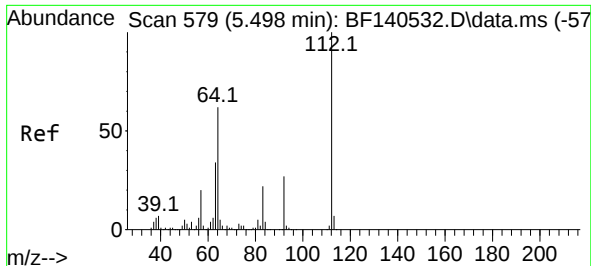
Ion Ratio Lower Upper

42 100

74 118.7 93.8 140.6

44 6.2 4.6 6.8

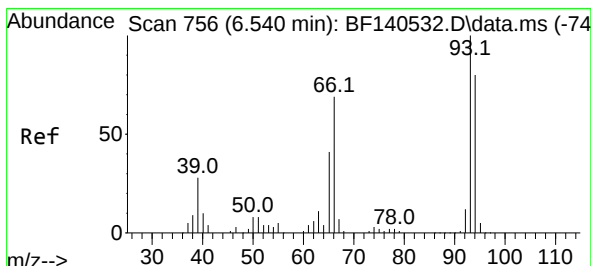
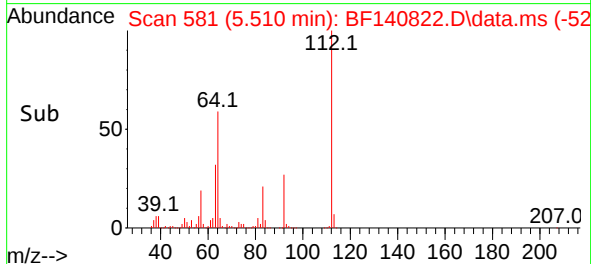
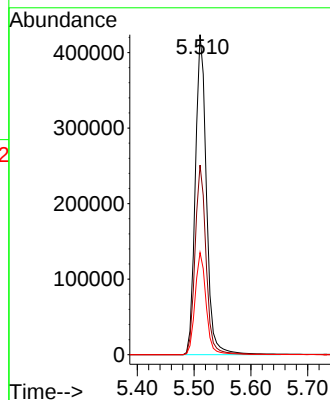
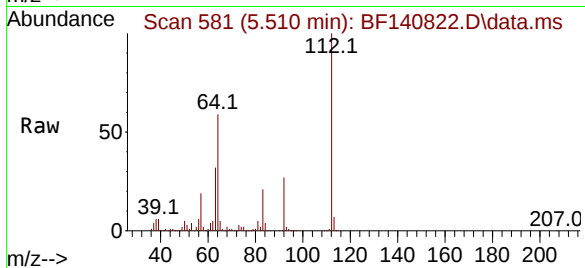




#5
2-Fluorophenol
Concen: 131.831 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

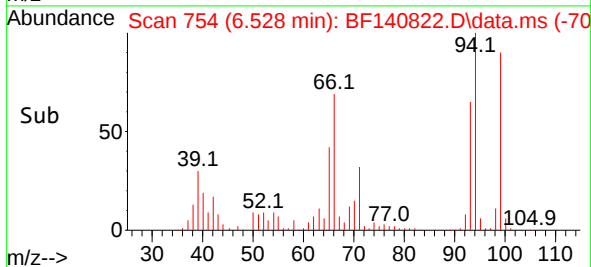
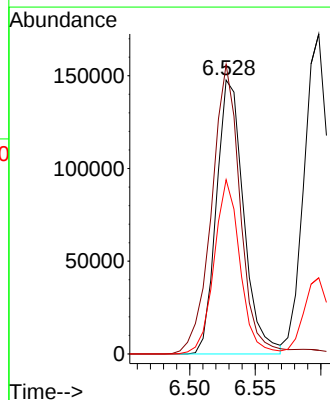
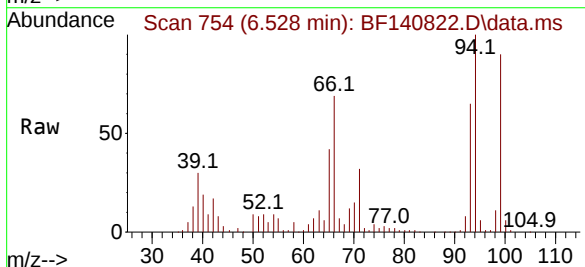
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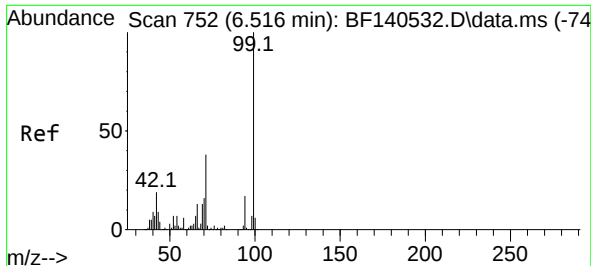
Tgt Ion:112 Resp: 581037
Ion Ratio Lower Upper
112 100
64 59.3 49.2 73.8
63 31.9 27.0 40.4



#6
Aniline
Concen: 52.047 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 93 Resp: 213454
Ion Ratio Lower Upper
93 100
66 105.7 56.5 84.7#
65 63.6 32.9 49.3#

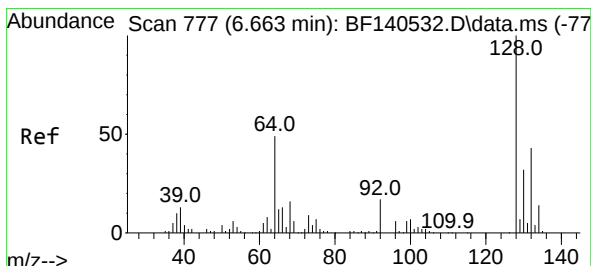
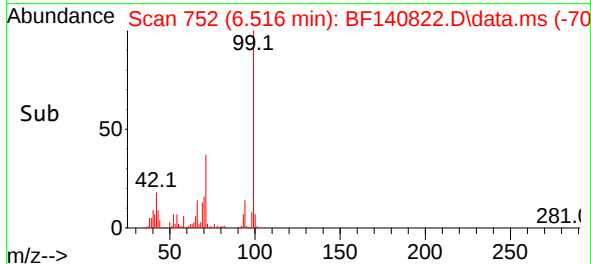
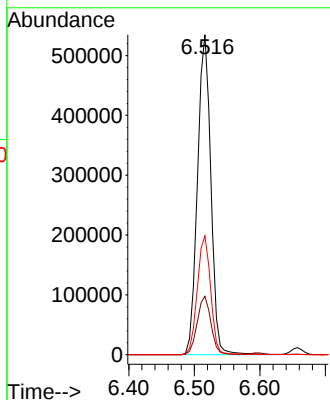
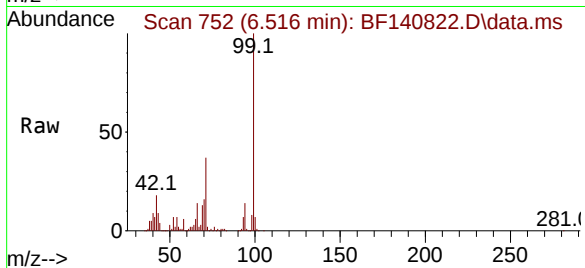




#7
Phenol-d6
Concen: 130.421 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

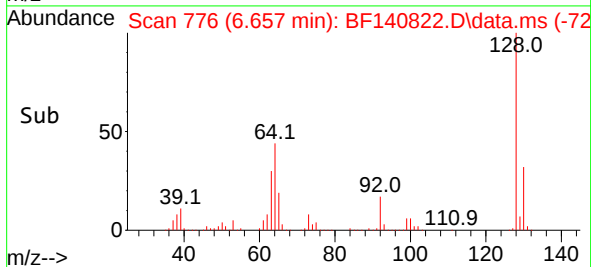
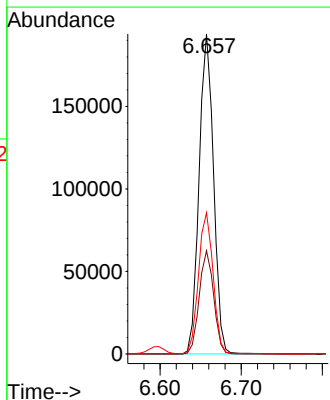
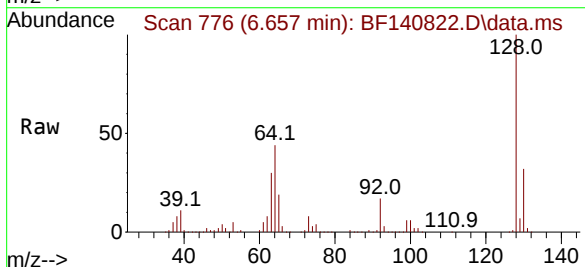
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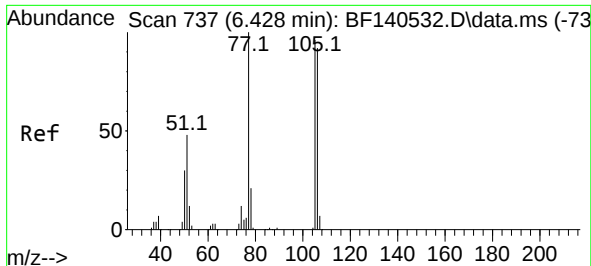
Tgt Ion: 99 Resp: 759928
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.2 30.6 46.0



#8
2-Chlorophenol
Concen: 50.573 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:128 Resp: 239804
Ion Ratio Lower Upper
128 100
130 32.3 12.3 52.3
64 44.2 30.2 70.2

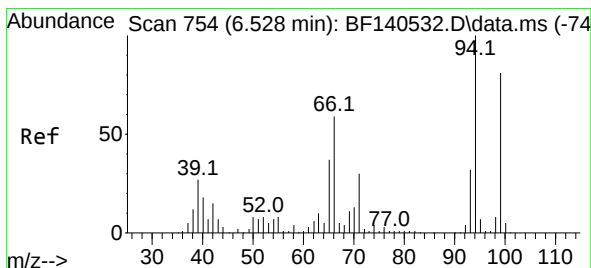
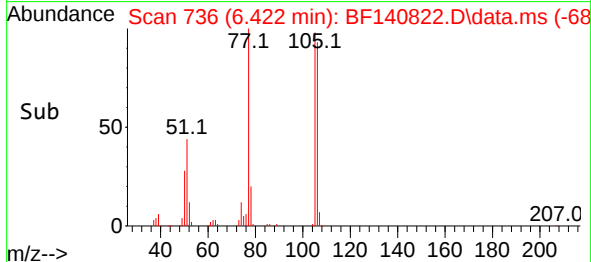
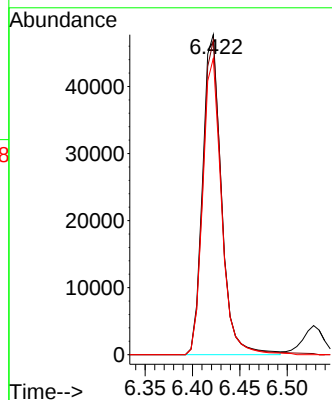
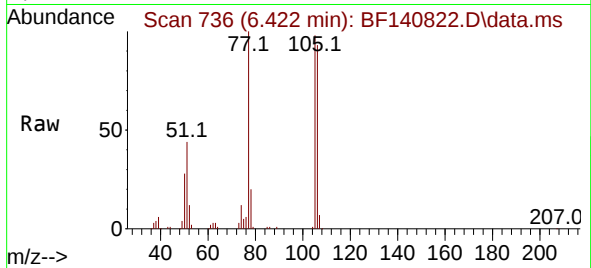




#9
Benzaldehyde
Concen: 21.376 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

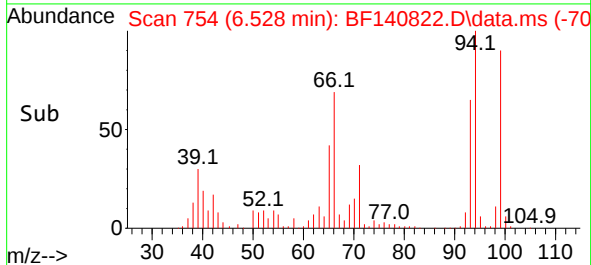
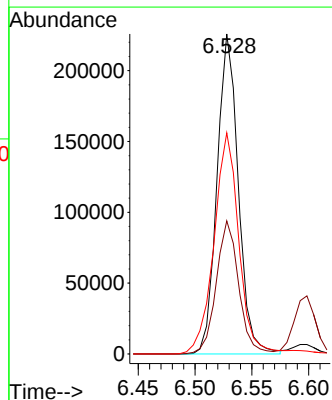
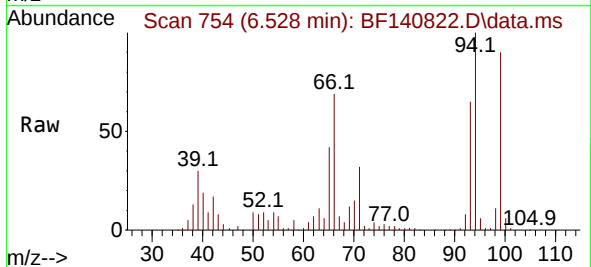
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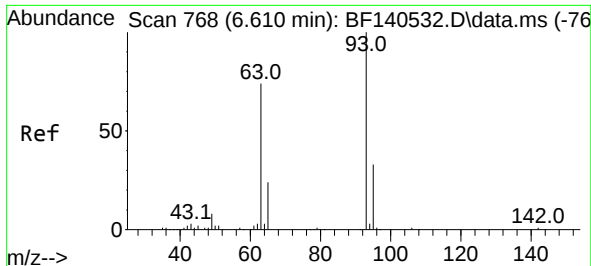
Tgt Ion: 77 Resp: 65935
Ion Ratio Lower Upper
77 100
105 98.2 75.6 115.6
106 92.6 72.0 112.0



#10
Phenol
Concen: 49.461 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 94 Resp: 294321
Ion Ratio Lower Upper
94 100
65 41.6 17.2 57.2
66 69.1 39.2 79.2

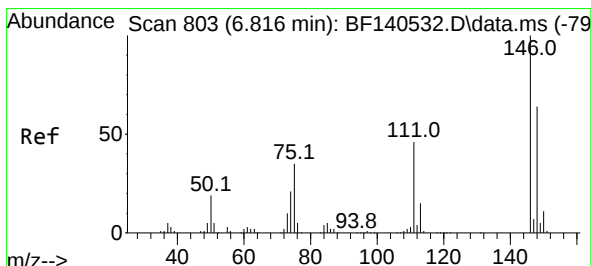
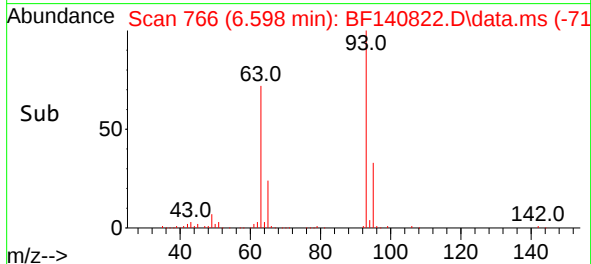
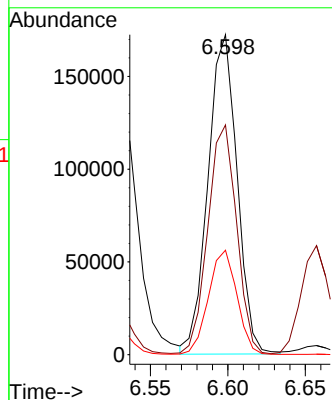
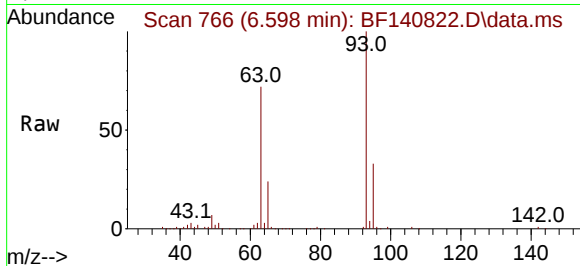




#11
bis(2-Chloroethyl)ether
Concen: 49.441 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

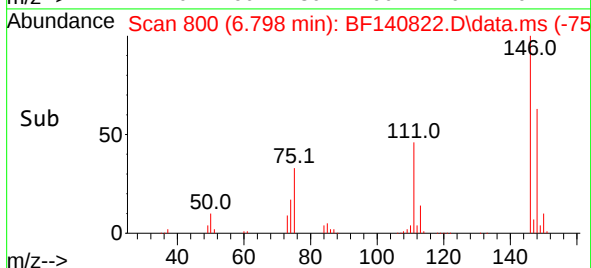
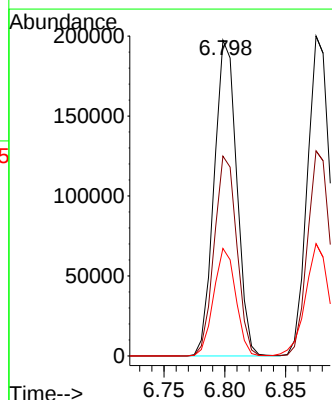
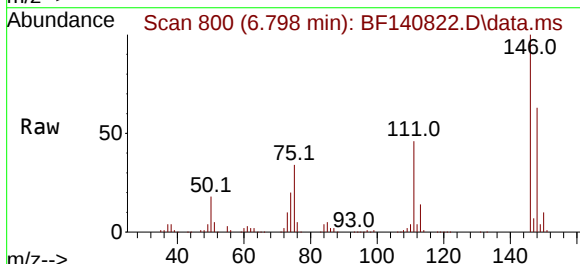
Instrument :
BNA_F
ClientSampleId :
PB165522BS

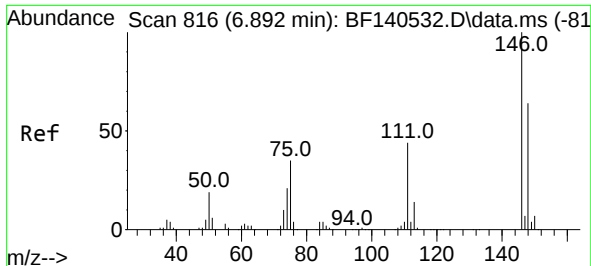
Tgt Ion: 93 Resp: 225132
Ion Ratio Lower Upper
93 100
63 71.8 52.8 92.8
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.811 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

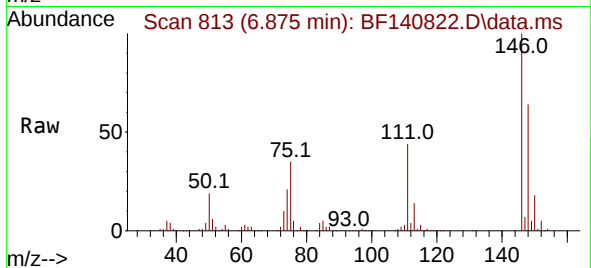
Tgt Ion: 146 Resp: 254738
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
75 34.1 28.2 42.2



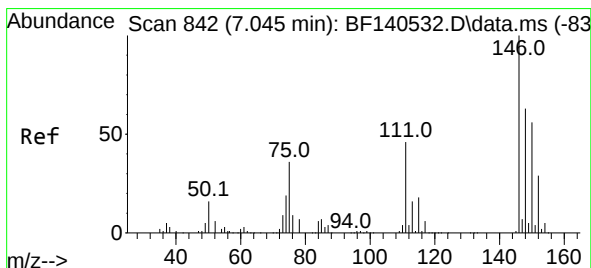
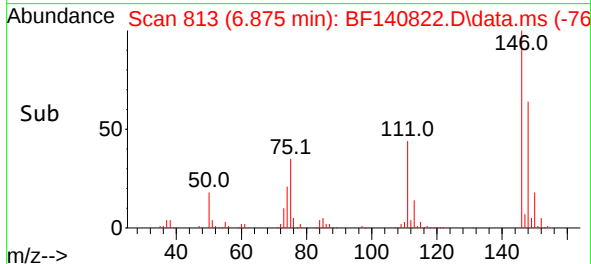
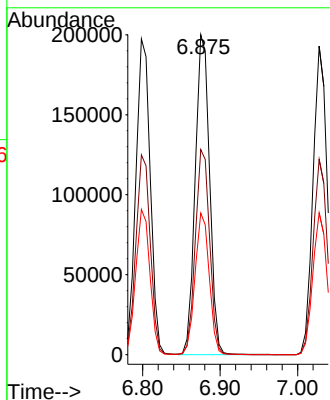


#13
1,4-Dichlorobenzene
Concen: 47.793 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB165522BS

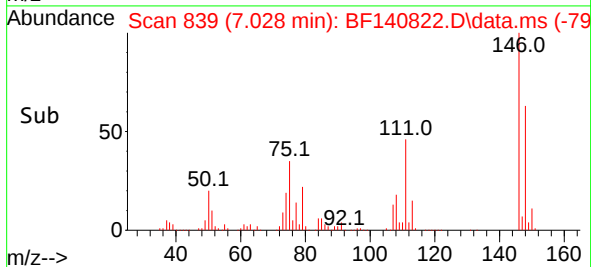
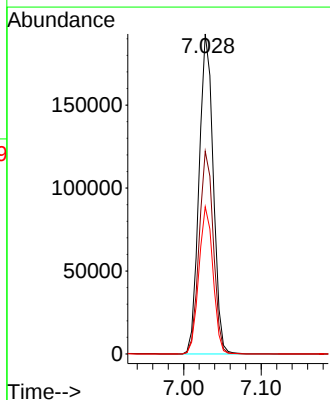
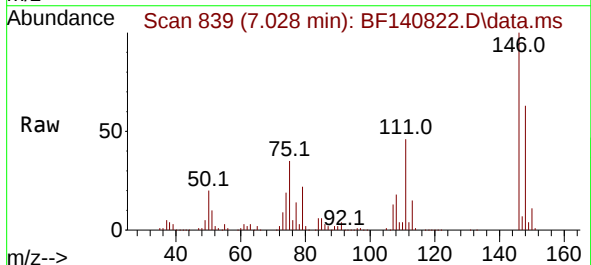


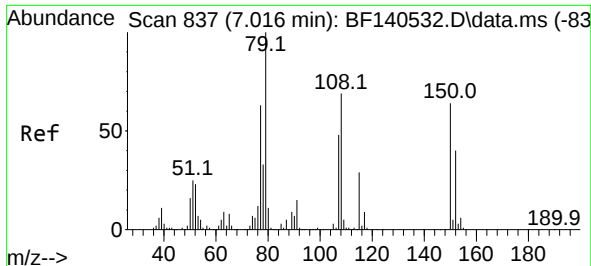
Tgt Ion:146 Resp: 257834
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 44.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 48.570 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:146 Resp: 245531
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 46.0 36.7 55.1

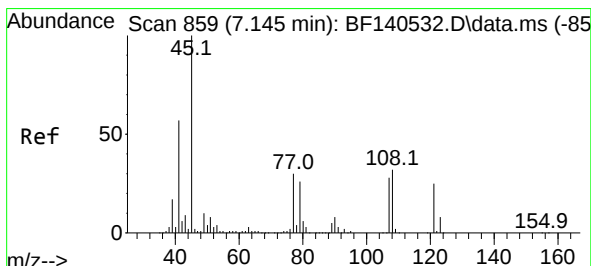
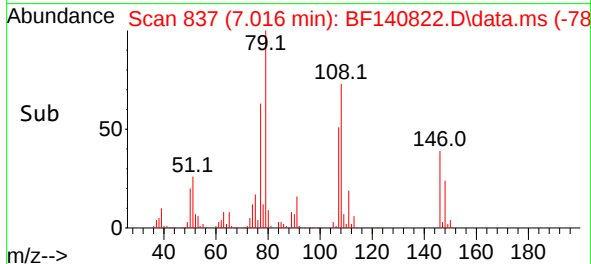
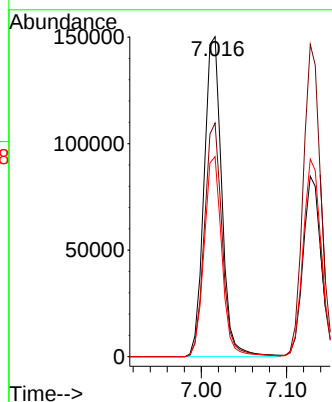
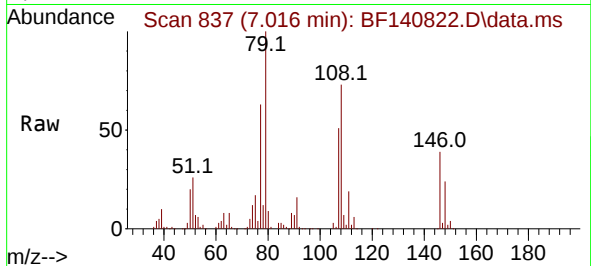




#15
Benzyl Alcohol
Concen: 50.208 ng
RT: 7.016 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

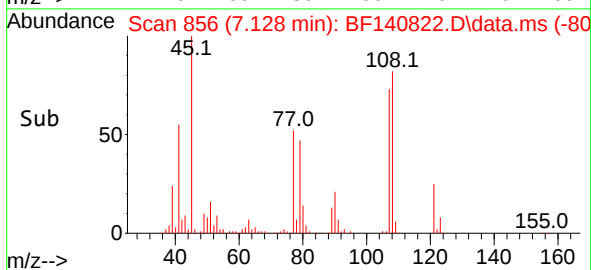
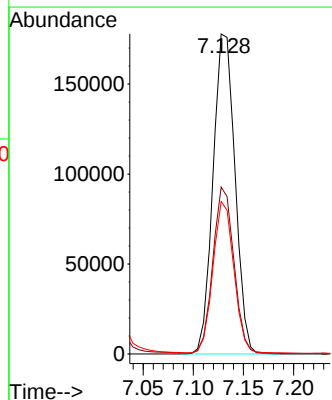
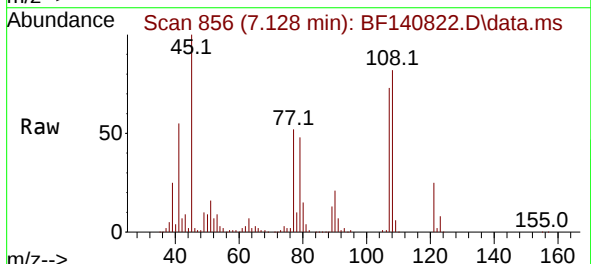
Instrument :
BNA_F
ClientSampleId :
PB165522BS

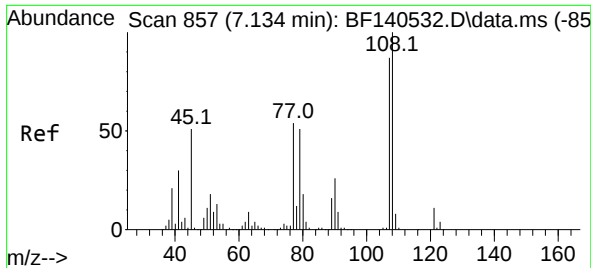
Tgt Ion: 79 Resp: 216950
Ion Ratio Lower Upper
79 100
108 73.0 55.0 82.6
77 62.5 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.353 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 45 Resp: 270874
Ion Ratio Lower Upper
45 100
77 52.2 10.7 50.7#
79 47.6 7.0 47.0#

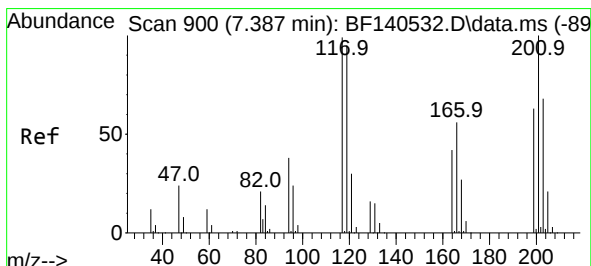
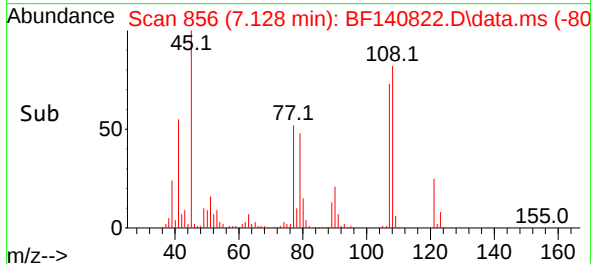
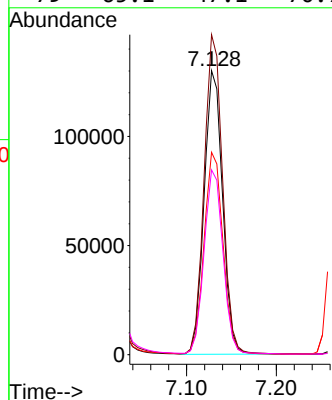
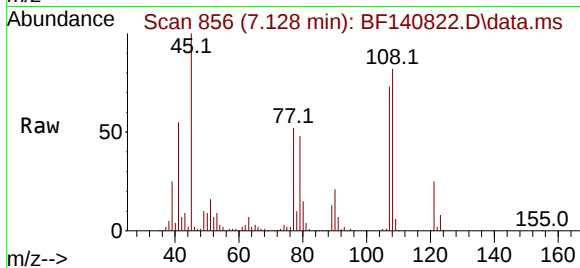




#17
2-Methylphenol
Concen: 48.855 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

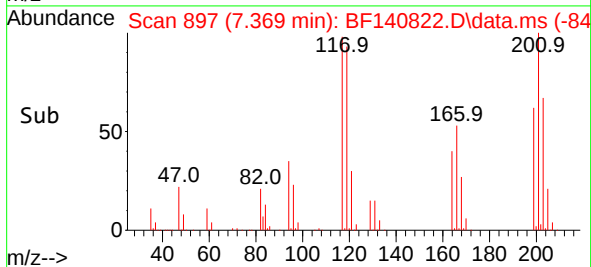
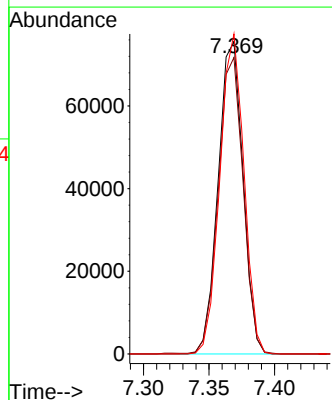
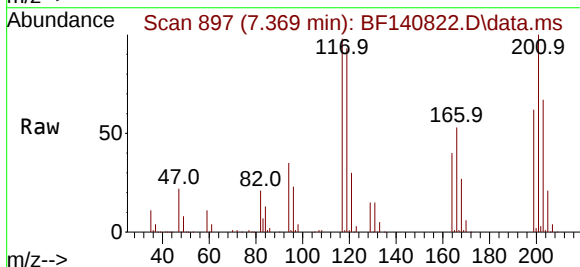
Instrument :
BNA_F
ClientSampleId :
PB165522BS

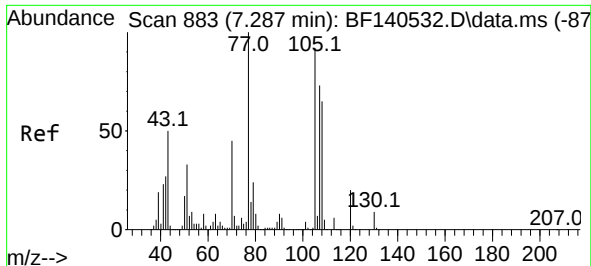
Tgt Ion:	107	Resp:	185439
Ion	Ratio	Lower	Upper
107	100		
108	112.7	91.7	137.5
77	71.3	49.3	73.9
79	65.1	47.1	70.7



#18
Hexachloroethane
Concen: 49.410 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:	117	Resp:	99557
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.1	115.7
201	102.4	81.1	121.7



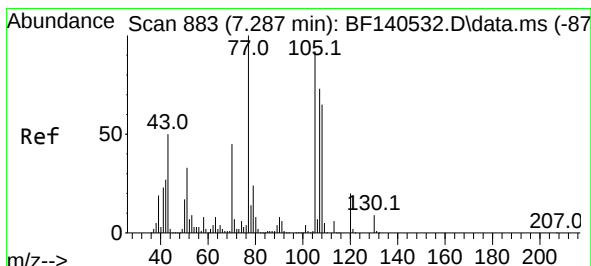
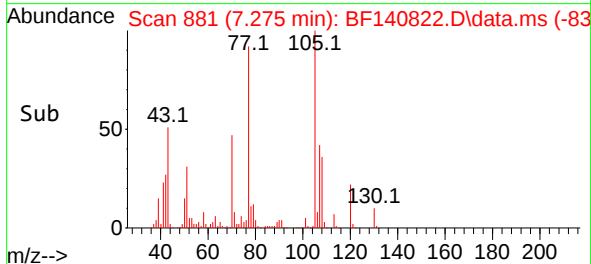
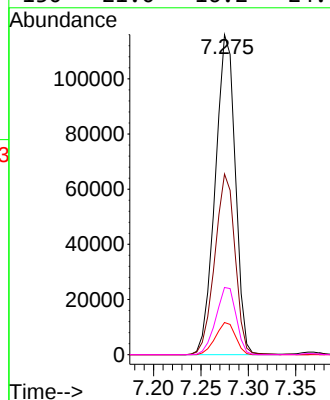
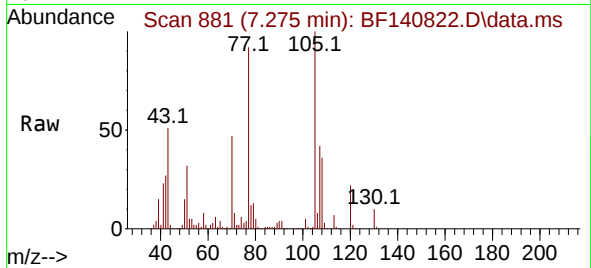


#19
n-Nitroso-di-n-propylamine
Concen: 49.883 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB165522BS

Tgt Ion: 70 Resp: 171777

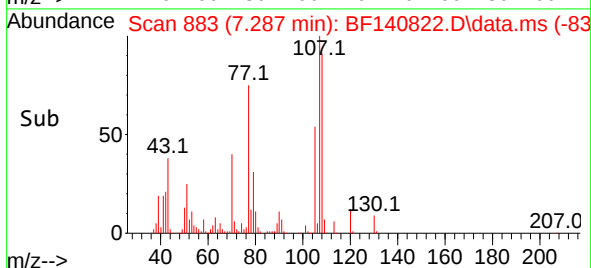
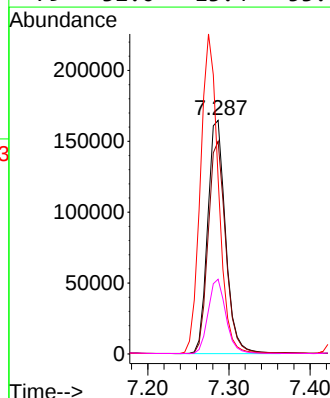
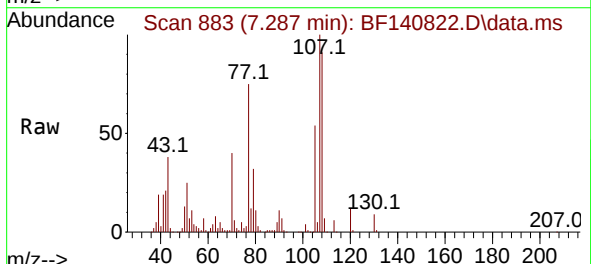
Ion	Ratio	Lower	Upper
70	100		
42	56.5	47.6	71.4
101	10.0	7.6	11.4
130	21.0	16.2	24.4

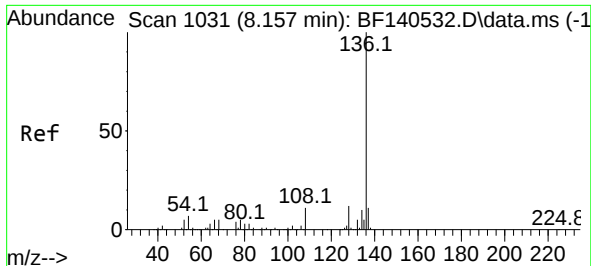


#20
3+4-Methylphenols
Concen: 51.442 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 107 Resp: 250975

Ion	Ratio	Lower	Upper
107	100		
108	91.0	69.9	109.9
77	75.1	117.7	157.7#
79	32.0	13.4	53.4



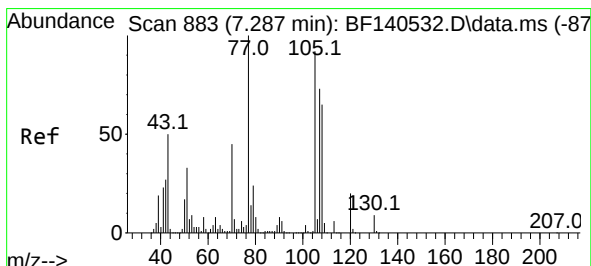
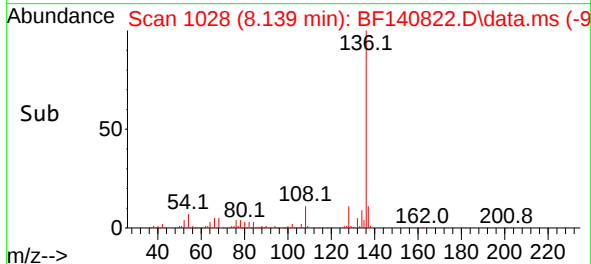
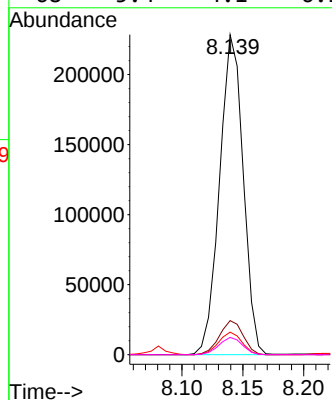
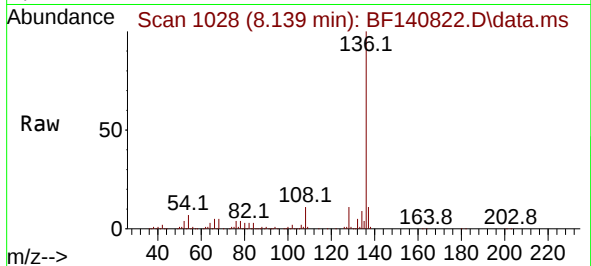


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB165522BS

Tgt Ion:136 Resp: 308329

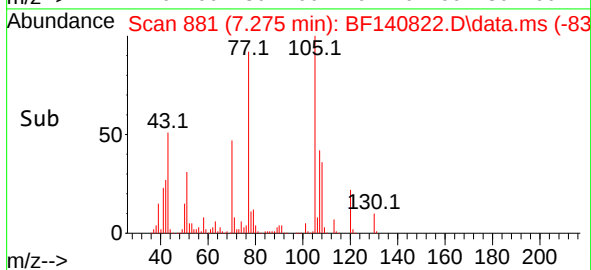
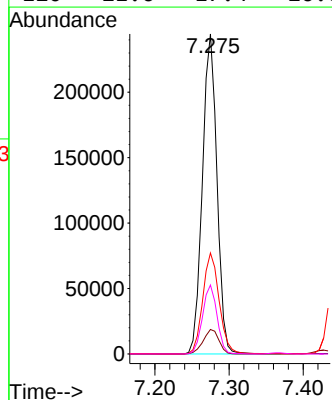
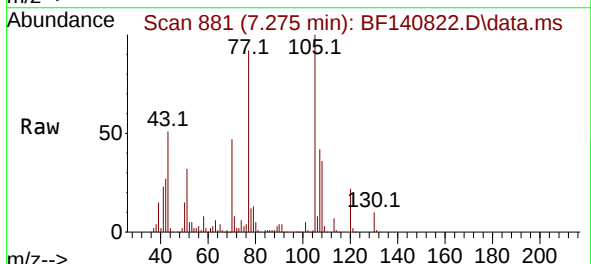
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	5.8	8.8
68	5.4	4.1	6.1

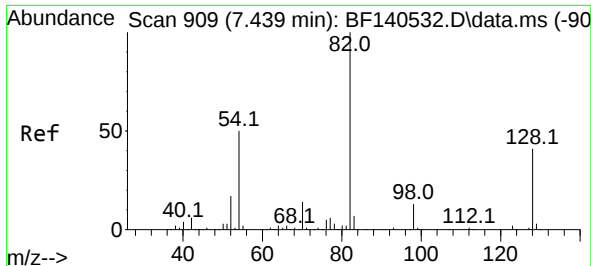


#22
Acetophenone
Concen: 44.480 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:105 Resp: 334355

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.2
51	31.6	29.0	43.6
120	21.6	17.4	26.0

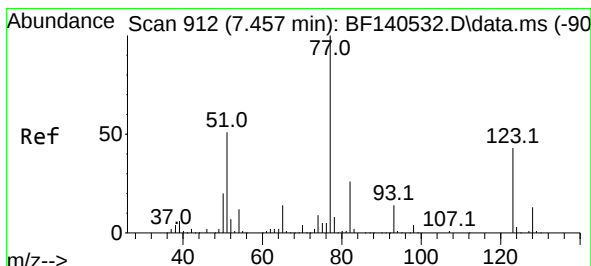
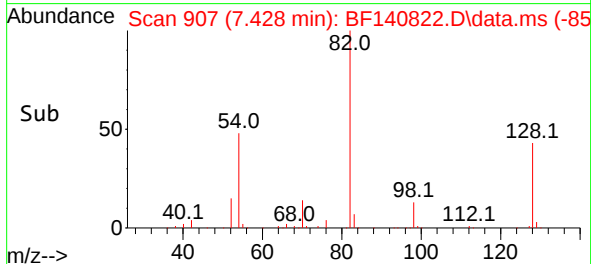
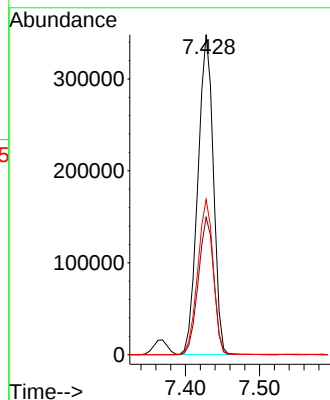
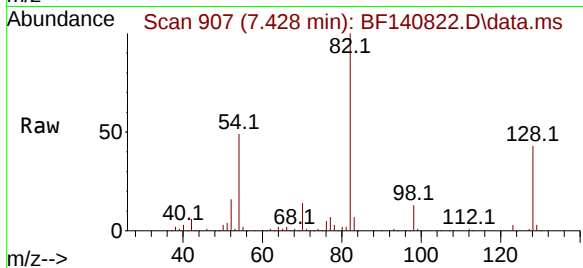




#23
Nitrobenzene-d5
Concen: 83.833 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

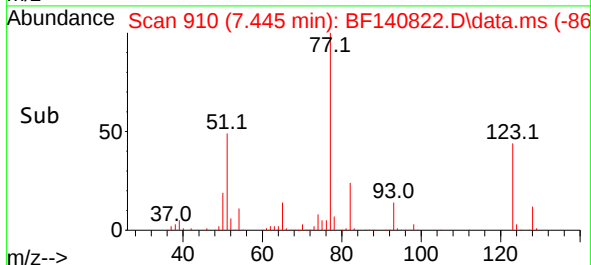
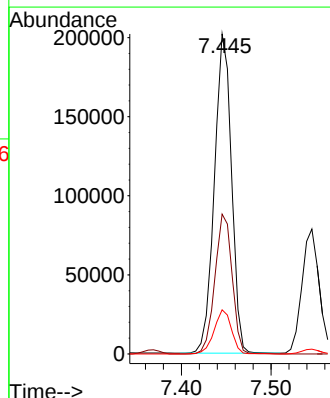
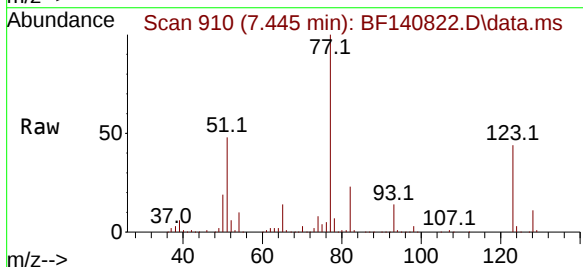
Instrument :
BNA_F
ClientSampleId :
PB165522BS

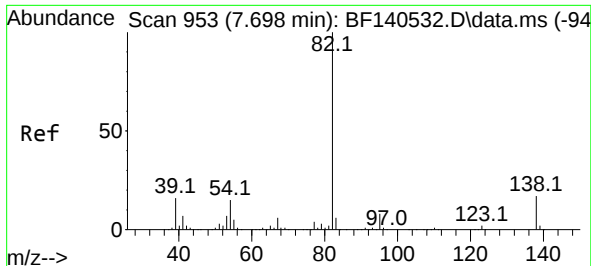
Tgt Ion: 82 Resp: 505338
Ion Ratio Lower Upper
82 100
128 42.9 33.0 49.4
54 48.5 39.5 59.3



#24
Nitrobenzene
Concen: 42.919 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 77 Resp: 267385
Ion Ratio Lower Upper
77 100
123 43.7 34.3 51.5
65 13.8 11.2 16.8

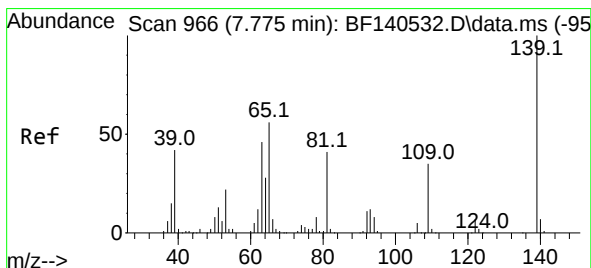
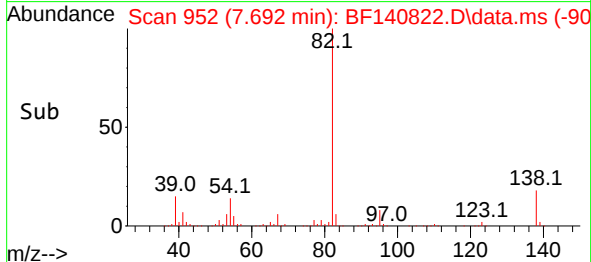
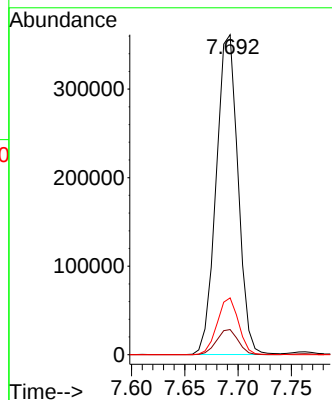
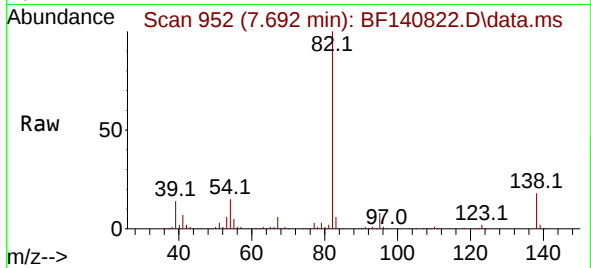




#25
Isophorone
Concen: 51.041 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

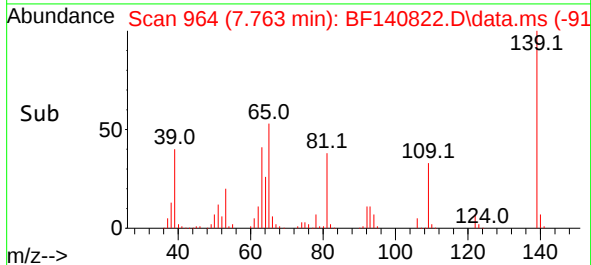
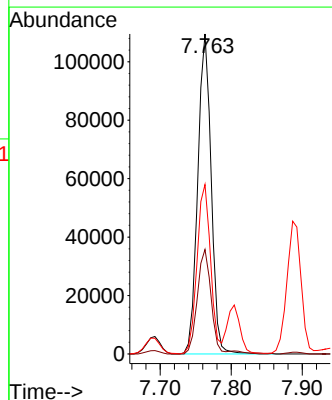
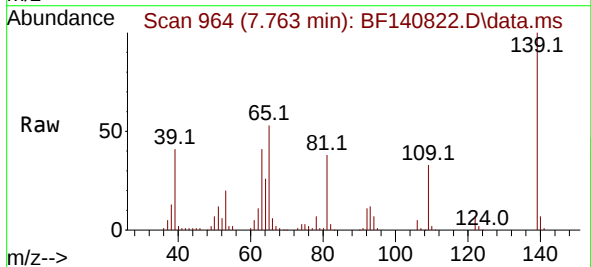
Instrument :
BNA_F
ClientSampleId :
PB165522BS

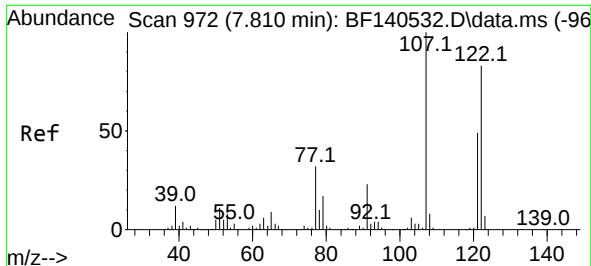
Tgt Ion: 82 Resp: 513174
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.7 13.8 20.6



#26
2-Nitrophenol
Concen: 52.270 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:139 Resp: 144310
Ion Ratio Lower Upper
139 100
109 32.7 28.0 42.0
65 53.0 44.6 67.0

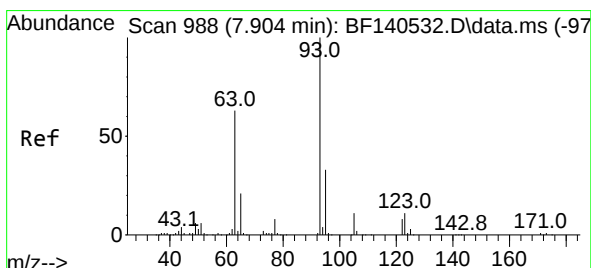
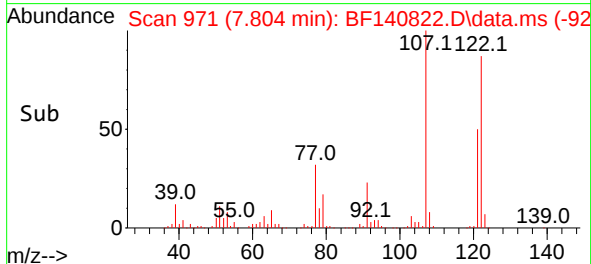
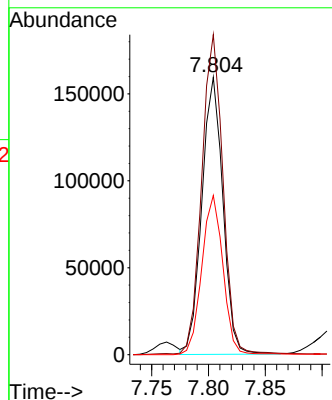
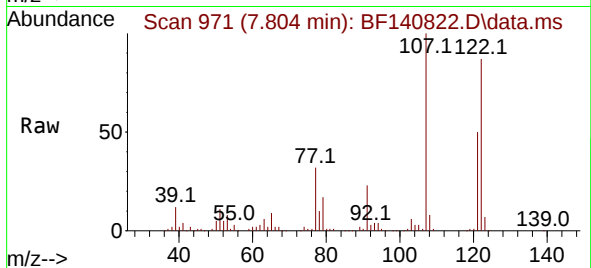




#27
2,4-Dimethylphenol
Concen: 62.022 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

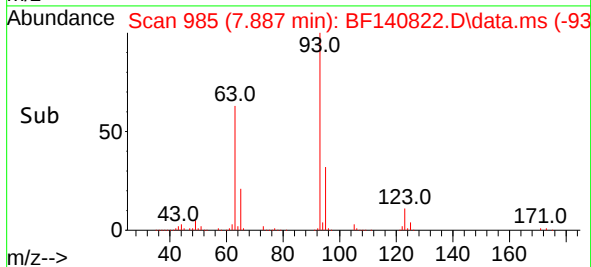
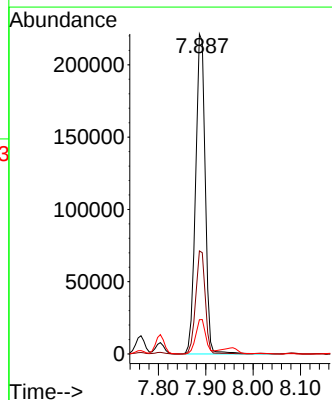
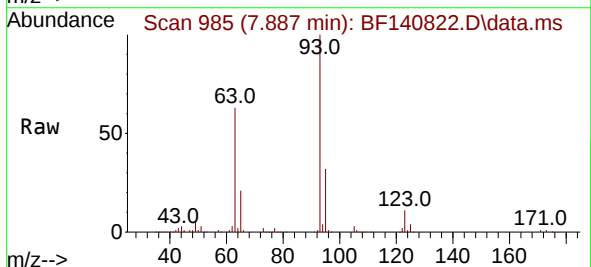
Instrument :
BNA_F
ClientSampleId :
PB165522BS

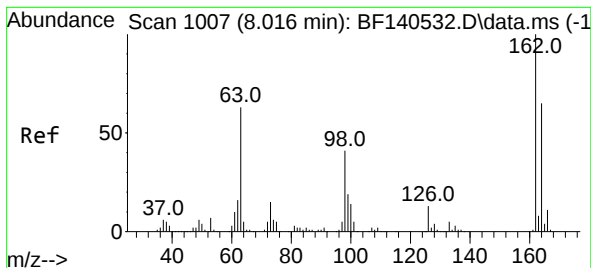
Tgt Ion:122 Resp: 204877
Ion Ratio Lower Upper
122 100
107 115.3 96.8 145.2
121 57.4 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 51.053 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 93 Resp: 312701
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 10.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.903 ng

RT: 8.016 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

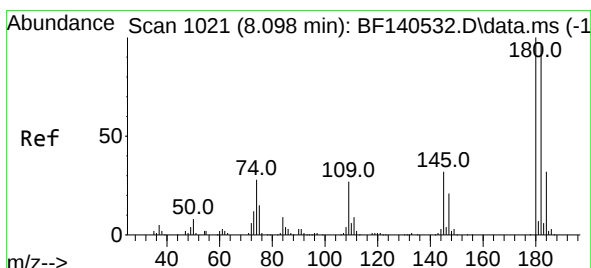
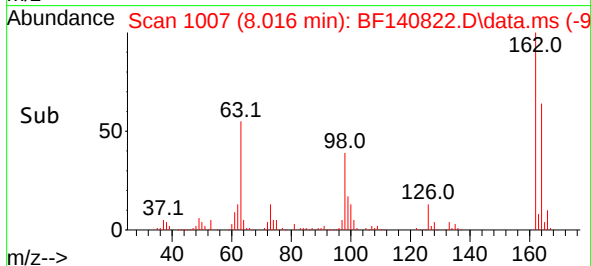
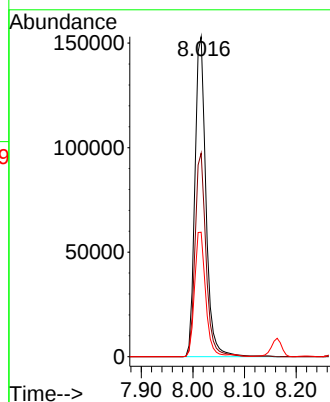
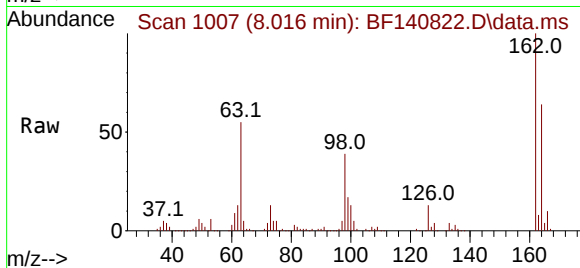
Tgt Ion:162 Resp: 227185

Ion Ratio Lower Upper

162 100

164 63.6 44.8 84.8

98 38.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 47.083 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

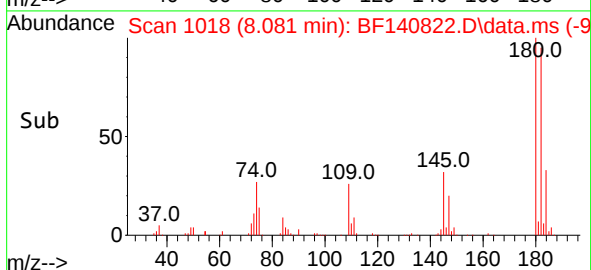
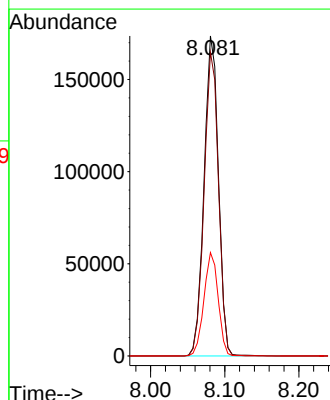
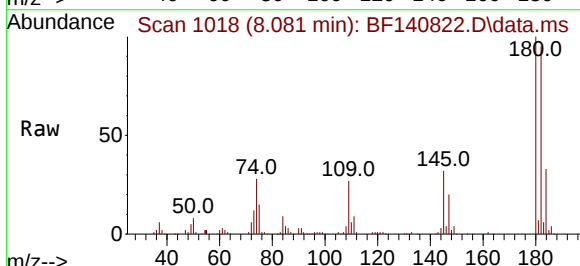
Tgt Ion:180 Resp: 235309

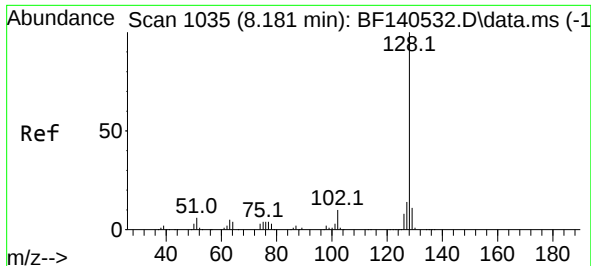
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

145 32.3 25.9 38.9

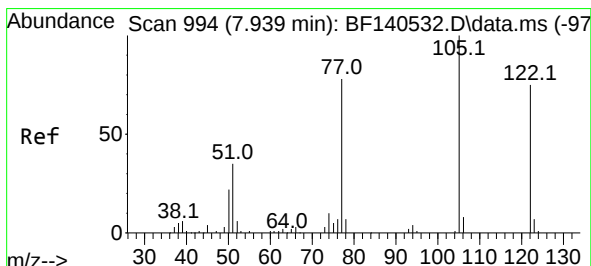
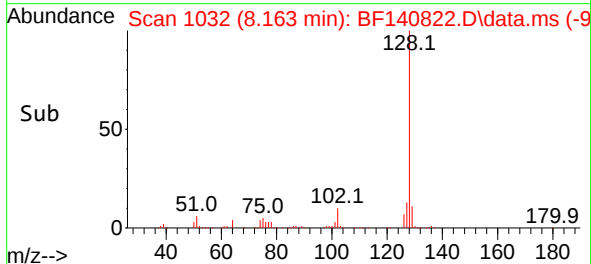
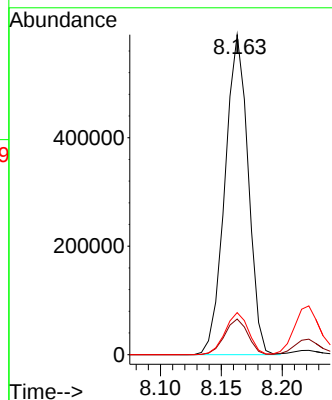
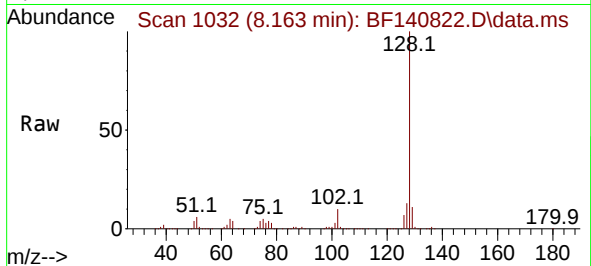




#31
Naphthalene
Concen: 49.310 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

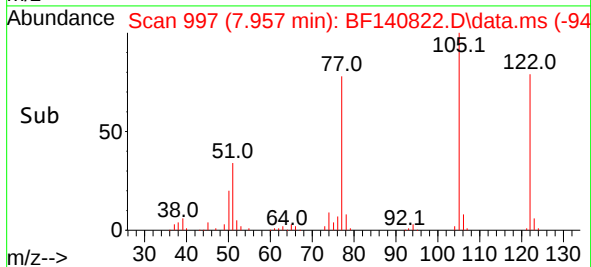
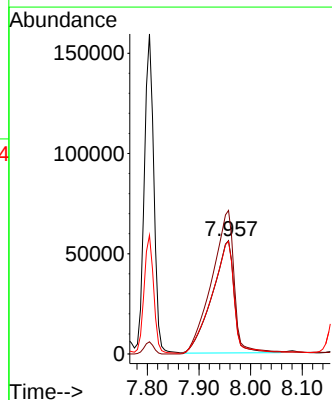
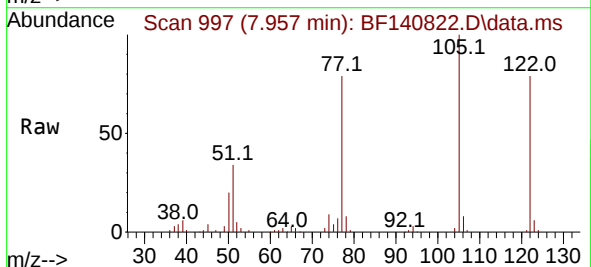
Instrument :
BNA_F
ClientSampleId :
PB165522BS

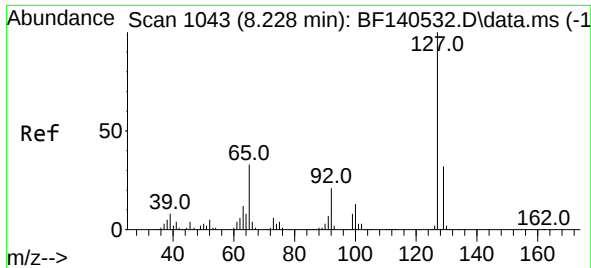
Tgt Ion:128 Resp: 783126
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 56.236 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:122 Resp: 165829
Ion Ratio Lower Upper
122 100
105 126.8 109.3 149.3
77 99.6 82.3 122.3

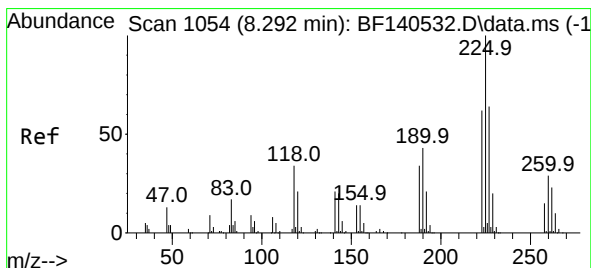
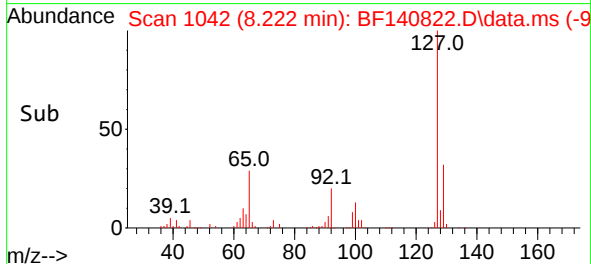
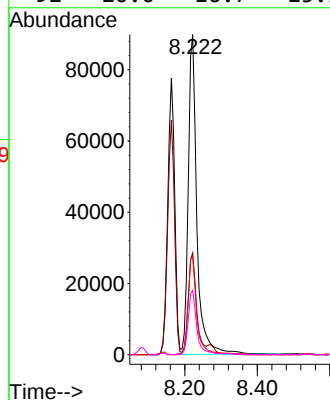
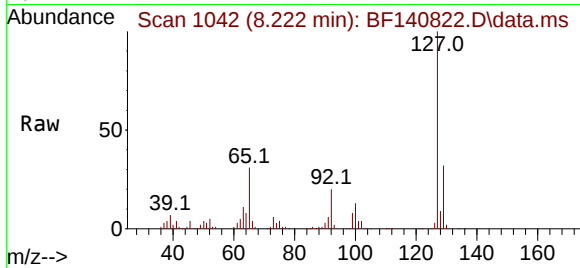




#33
4-Chloroaniline
Concen: 31.434 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

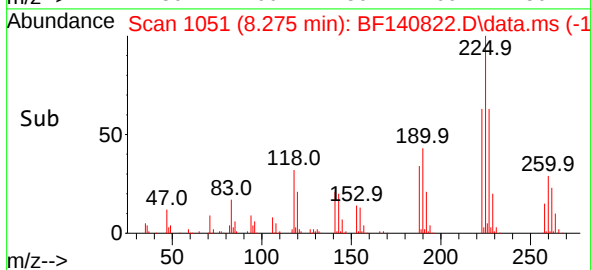
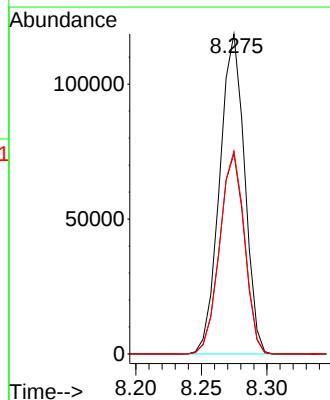
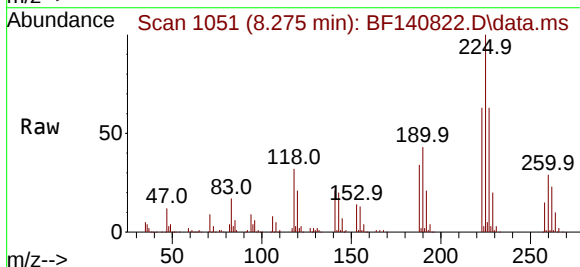
Instrument :
BNA_F
ClientSampleId :
PB165522BS

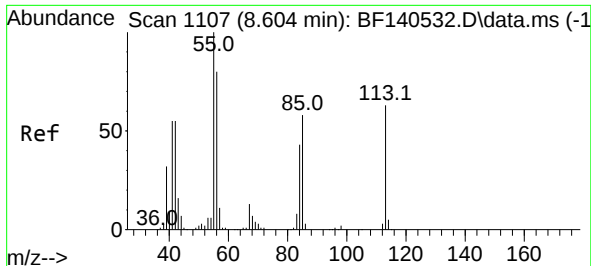
Tgt Ion:	127	Resp:	149471
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	30.7	26.0	39.0
92	20.0	16.7	25.1



#34
Hexachlorobutadiene
Concen: 47.256 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:	225	Resp:	156429
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.4	51.3	76.9

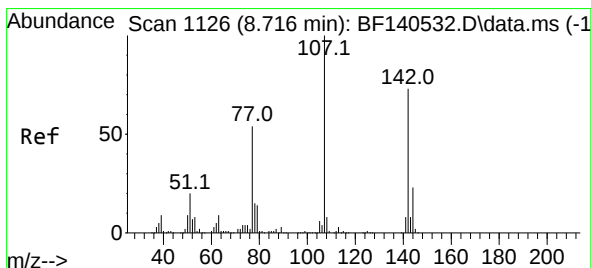
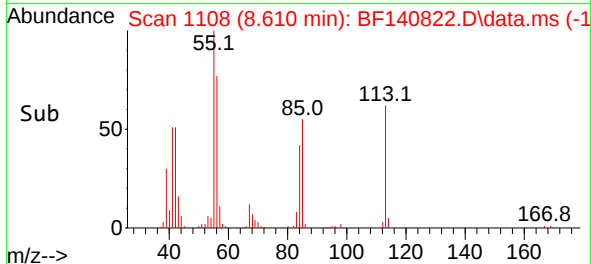
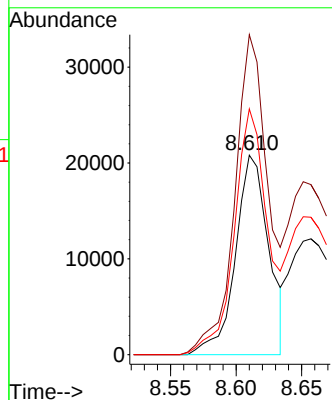
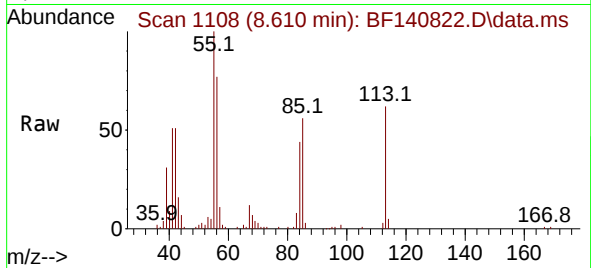




#35
Caprolactam
Concen: 27.117 ng
RT: 8.610 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

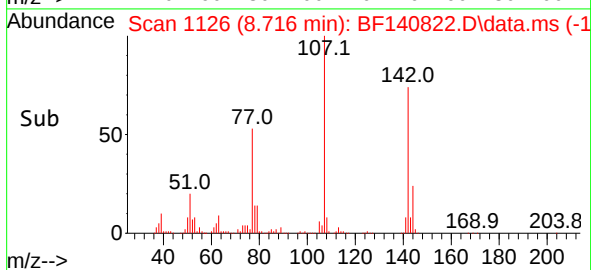
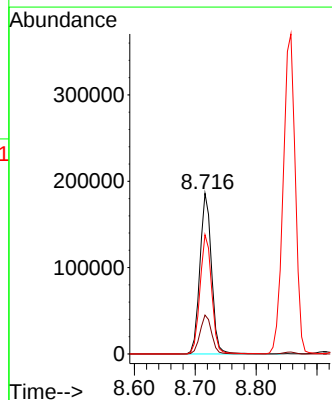
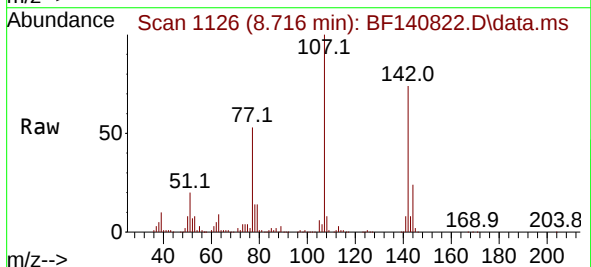
Instrument :
BNA_F
ClientSampleId :
PB165522BS

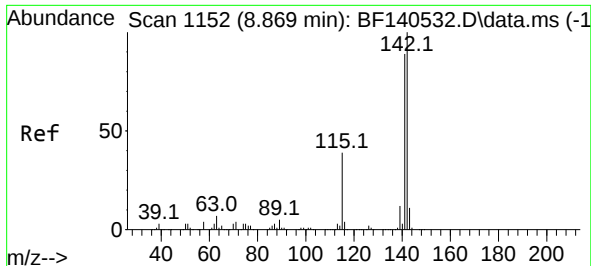
Tgt Ion:113 Resp: 36732
Ion Ratio Lower Upper
113 100
55 160.4 137.7 177.7
56 123.2 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 50.523 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:107 Resp: 247602
Ion Ratio Lower Upper
107 100
144 24.2 18.7 28.1
142 74.3 58.3 87.5

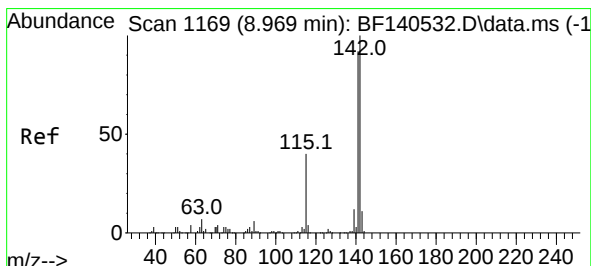
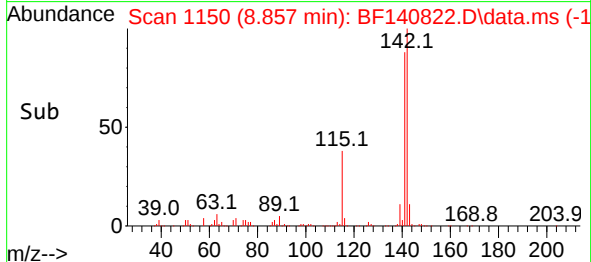
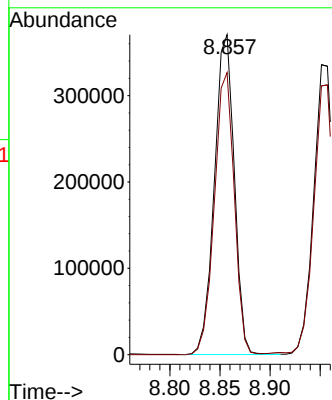
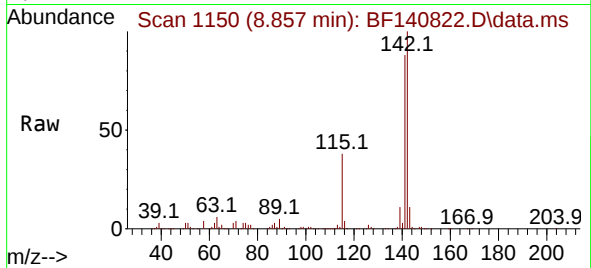




#37
2-Methylnaphthalene
Concen: 50.530 ng
RT: 8.857 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

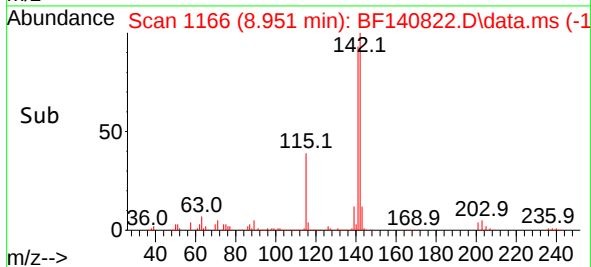
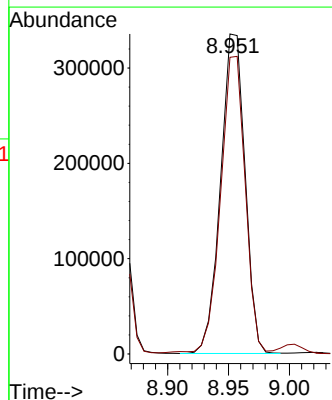
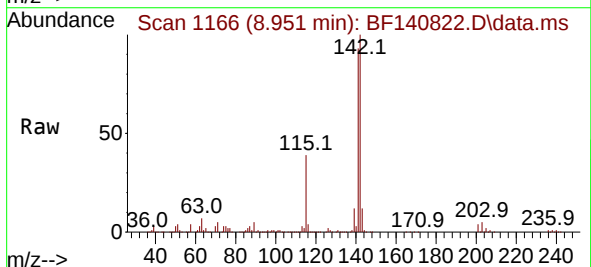
Instrument :
BNA_F
ClientSampleId :
PB165522BS

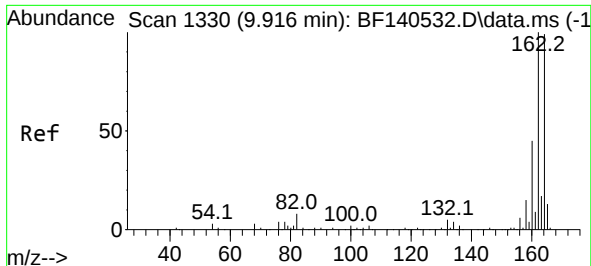
Tgt Ion:142 Resp: 509718
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6



#38
1-Methylnaphthalene
Concen: 47.411 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:142 Resp: 468779
Ion Ratio Lower Upper
142 100
141 92.7 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1178

Delta R.T. -0.018 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

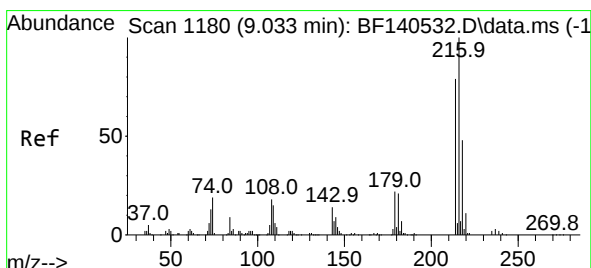
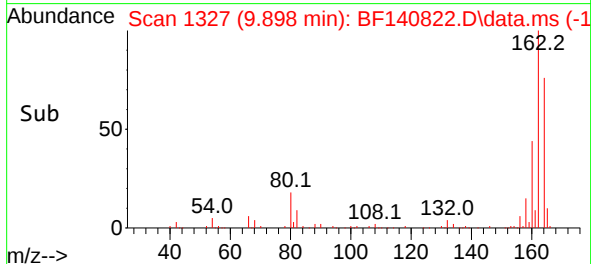
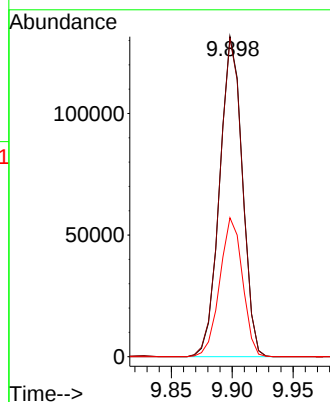
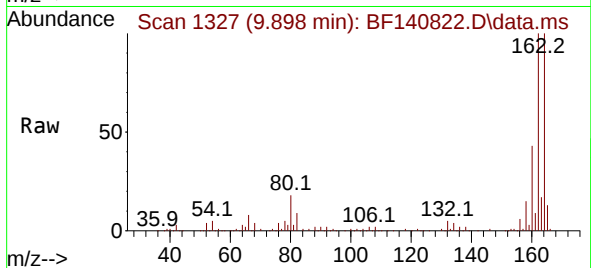
Tgt Ion:164 Resp: 170764

Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

160 43.4 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.231 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Tgt Ion:216 Resp: 251111

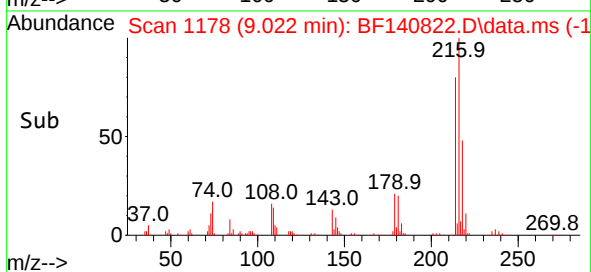
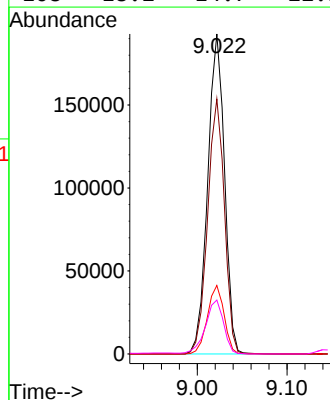
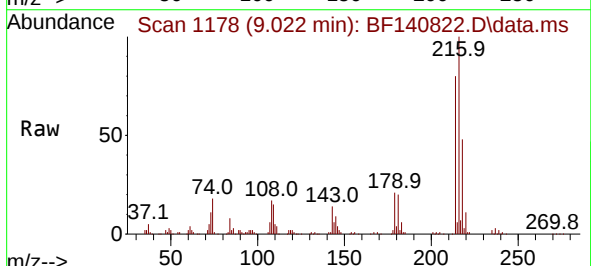
Ion Ratio Lower Upper

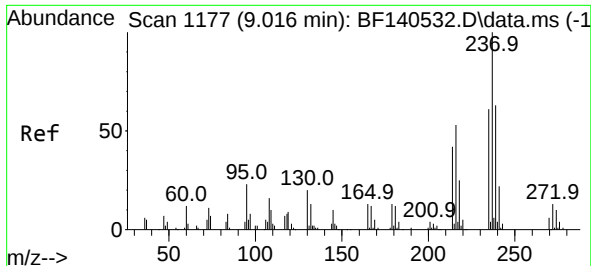
216 100

214 79.7 63.0 94.4

179 21.2 17.5 26.3

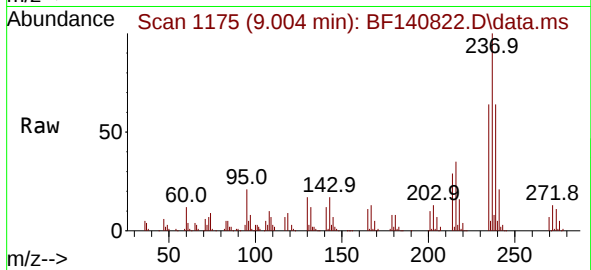
108 18.2 14.7 22.1



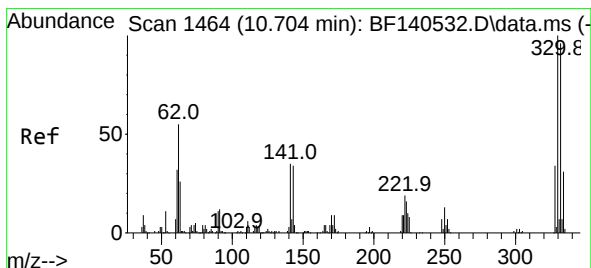
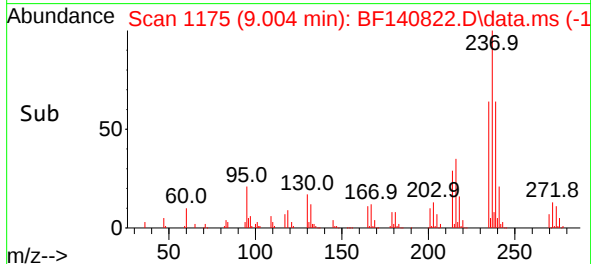
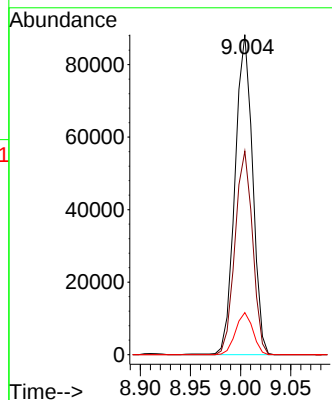


#41
Hexachlorocyclopentadiene
Concen: 94.478 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB165522BS

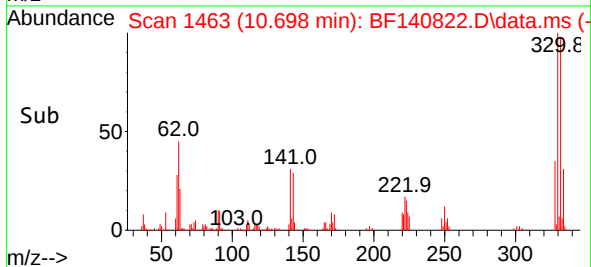
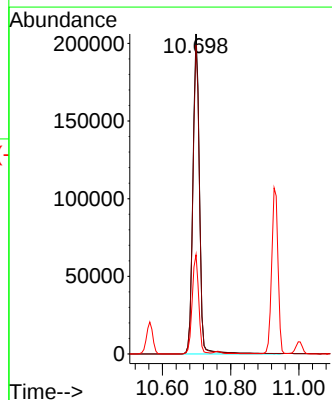
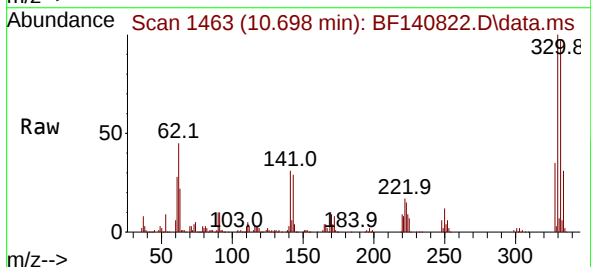


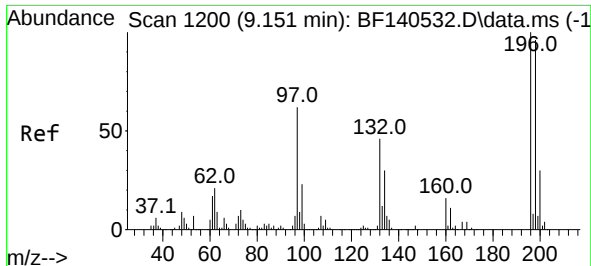
Tgt Ion:237 Resp: 107796
Ion Ratio Lower Upper
237 100
235 63.6 41.1 81.1
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 150.366 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:330 Resp: 274619
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 30.7 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 50.639 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

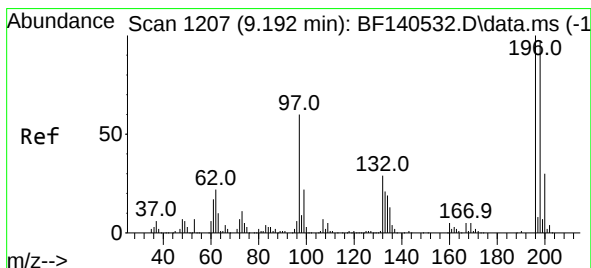
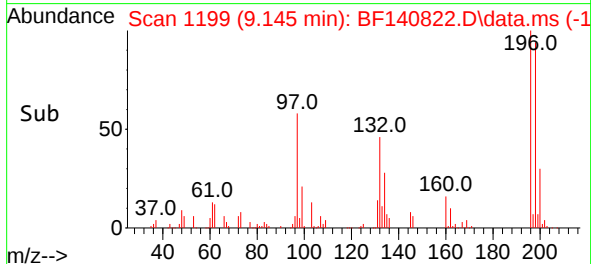
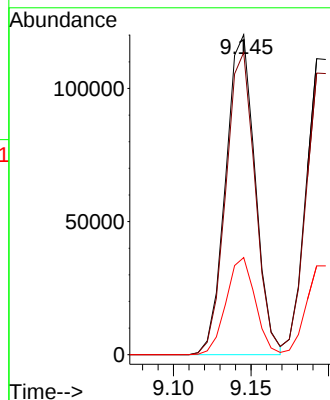
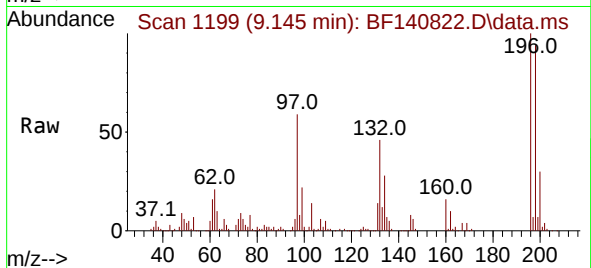
Tgt Ion:196 Resp: 158849

Ion Ratio Lower Upper

196 100

198 94.4 76.8 115.2

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.636 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Tgt Ion:196 Resp: 165579

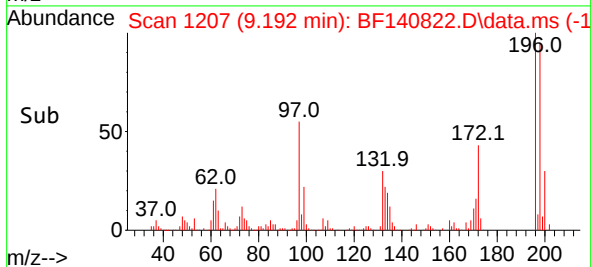
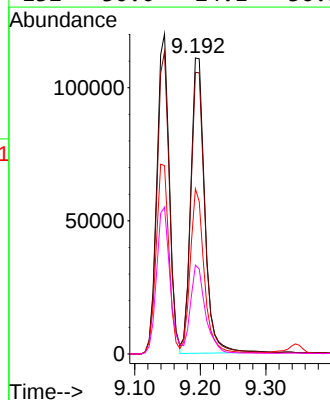
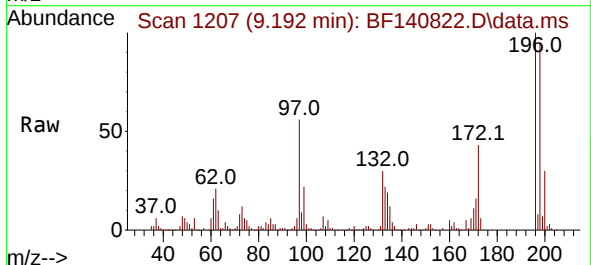
Ion Ratio Lower Upper

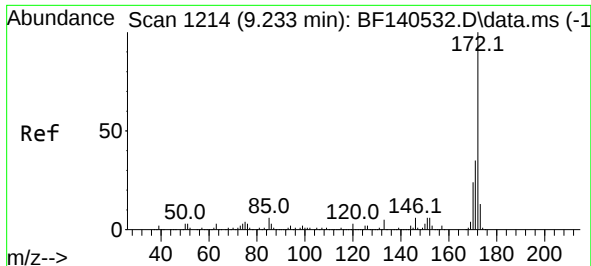
196 100

198 95.2 77.2 115.8

97 55.8 47.1 70.7

132 30.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 93.921 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

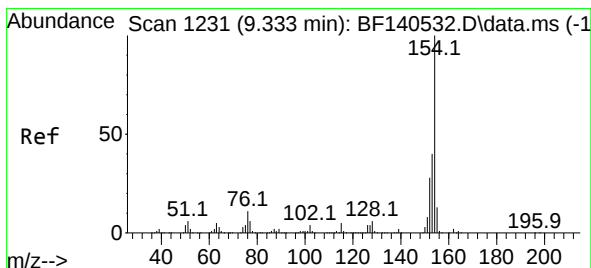
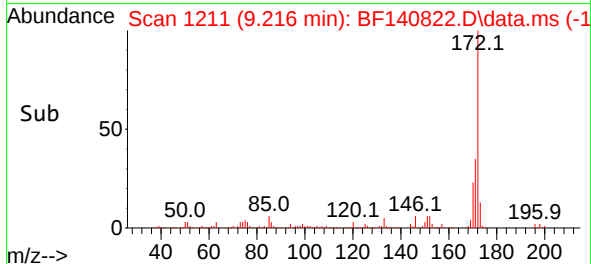
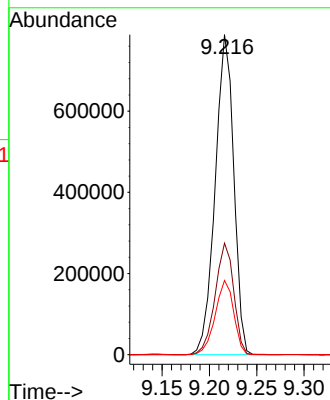
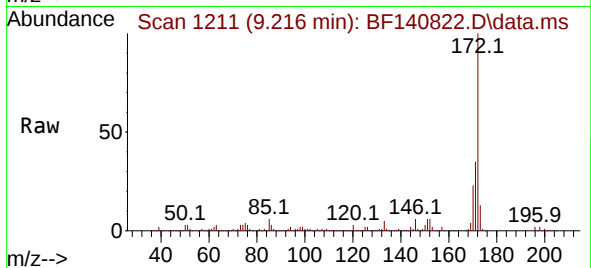
Tgt Ion:172 Resp: 1076435

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 50.420 ng

RT: 9.322 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

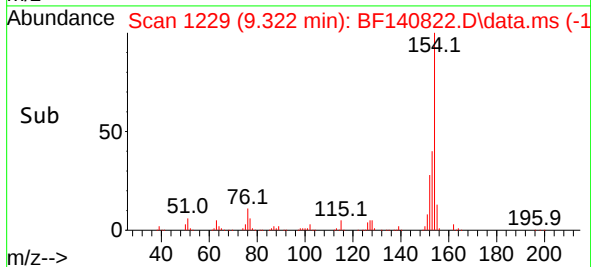
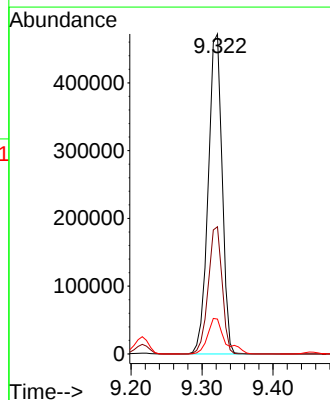
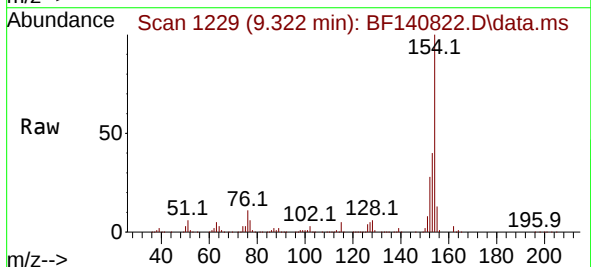
Tgt Ion:154 Resp: 642821

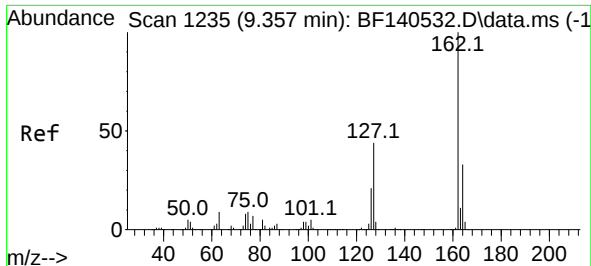
Ion Ratio Lower Upper

154 100

153 39.7 20.4 60.4

76 10.9 0.0 31.2

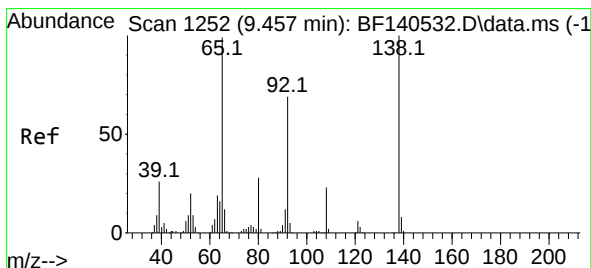
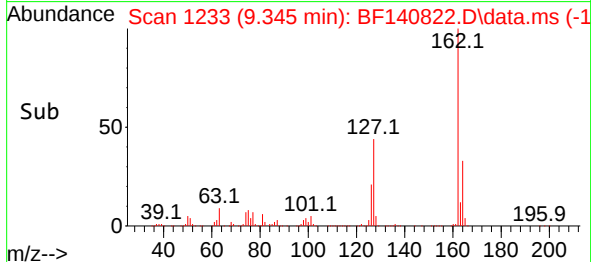
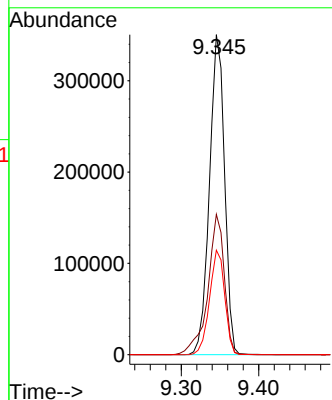
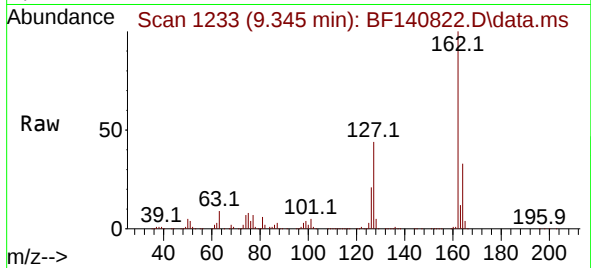




#47
2-Chloronaphthalene
Concen: 49.092 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

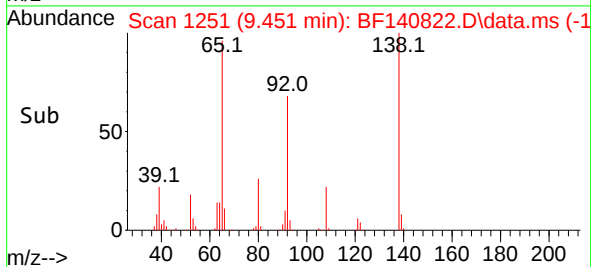
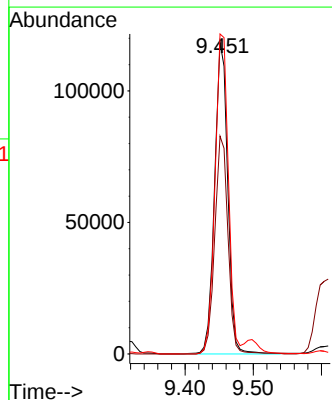
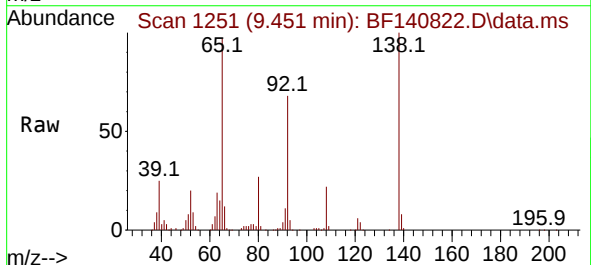
Instrument :
BNA_F
ClientSampleId :
PB165522BS

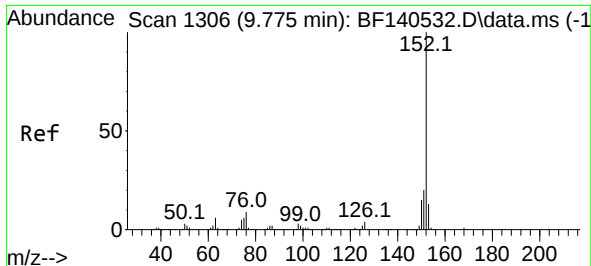
Tgt Ion:162 Resp: 474254
Ion Ratio Lower Upper
162 100
127 43.9 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 51.455 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion: 65 Resp: 159553
Ion Ratio Lower Upper
65 100
92 69.9 56.1 84.1
138 102.7 81.0 121.6

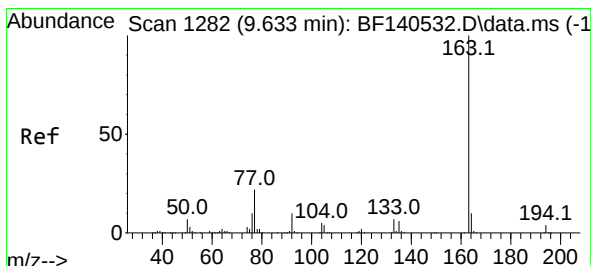
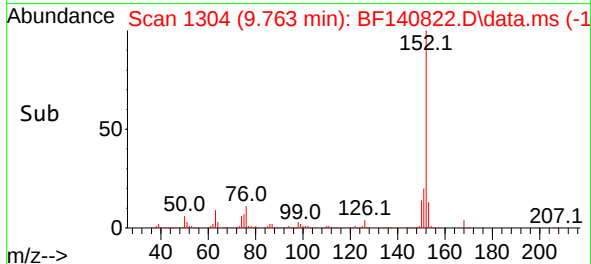
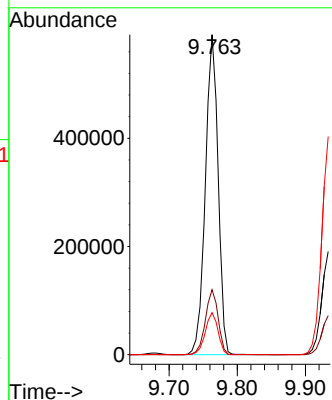
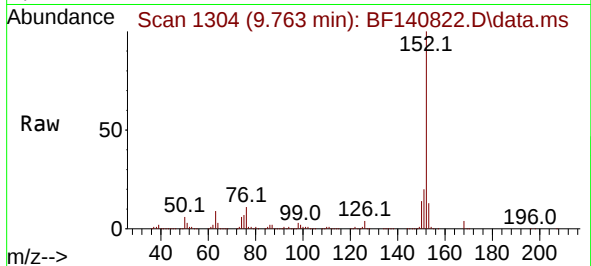




#49
Acenaphthylene
Concen: 52.691 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

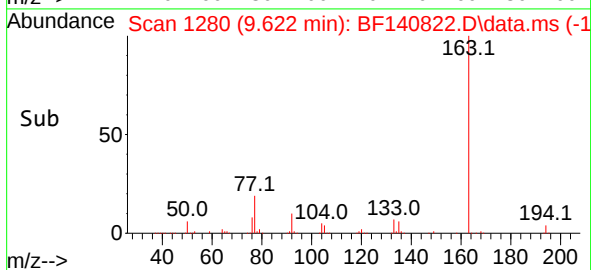
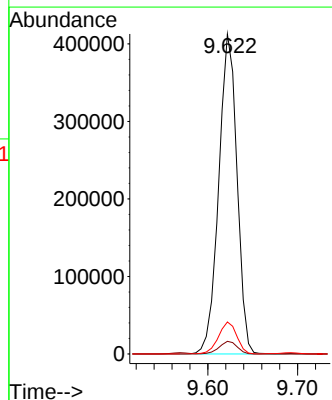
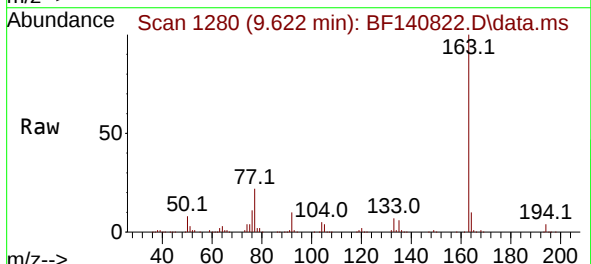
Instrument :
BNA_F
ClientSampleId :
PB165522BS

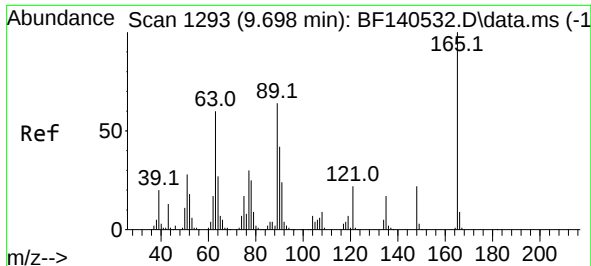
Tgt Ion:152 Resp: 769099
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 51.915 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:163 Resp: 583863
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.2 12.2

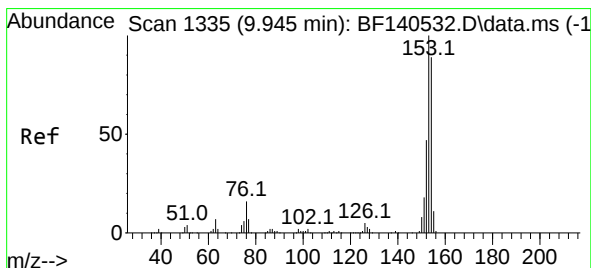
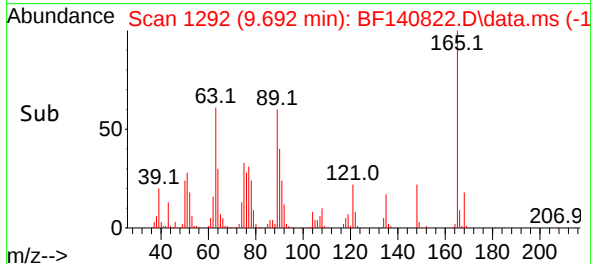
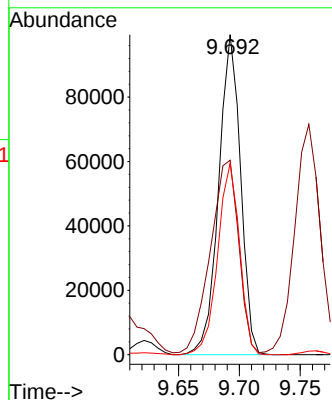
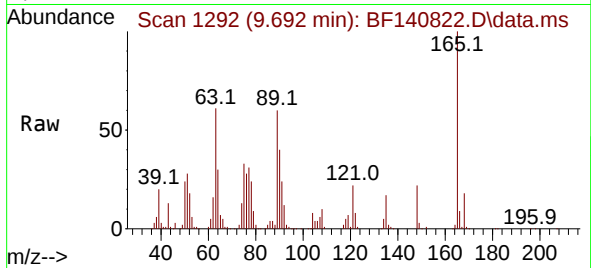




#51
2,6-Dinitrotoluene
Concen: 48.668 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

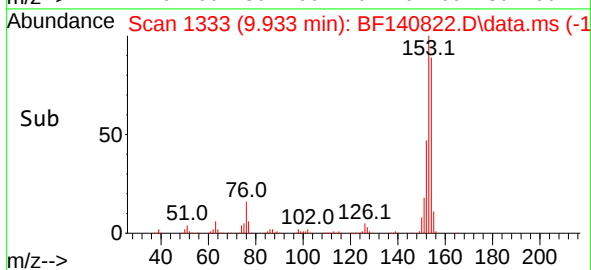
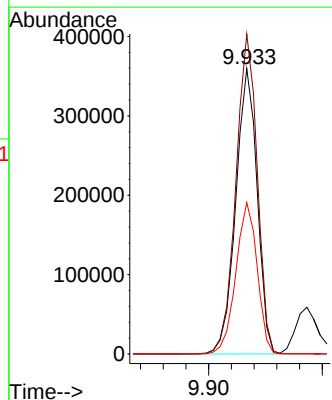
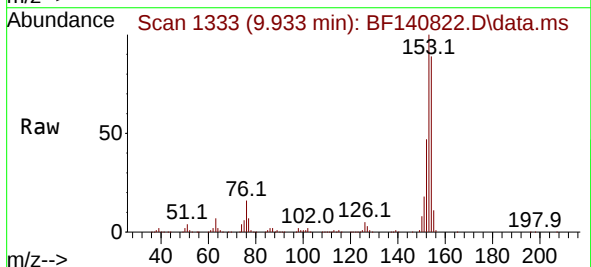
Instrument :
BNA_F
ClientSampleId :
PB165522BS

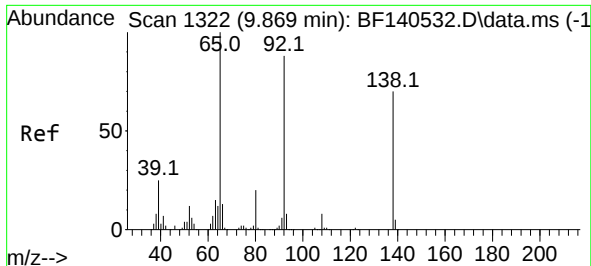
Tgt Ion:165 Resp: 124135
Ion Ratio Lower Upper
165 100
63 60.7 49.9 74.9
89 59.8 50.9 76.3



#52
Acenaphthene
Concen: 50.598 ng
RT: 9.933 min Scan# 1333
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:154 Resp: 469265
Ion Ratio Lower Upper
154 100
153 112.2 89.7 134.5
152 53.1 42.5 63.7

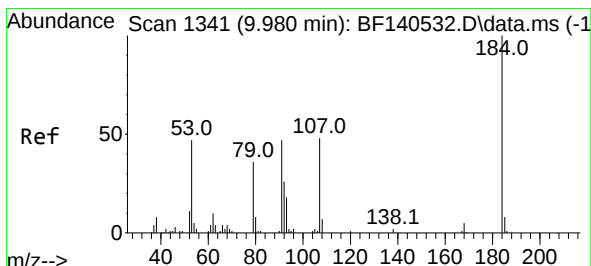
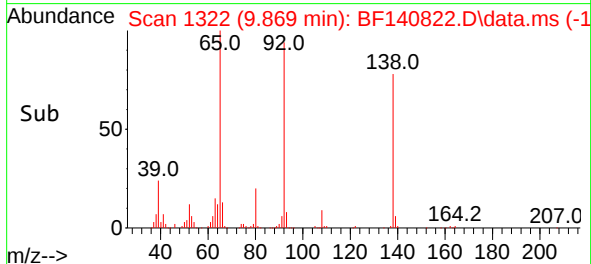
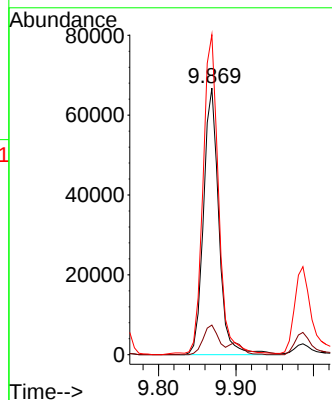
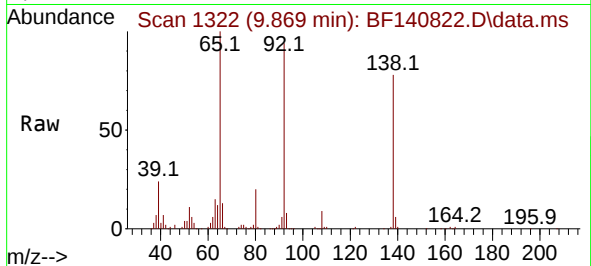




#53
3-Nitroaniline
Concen: 36.771 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

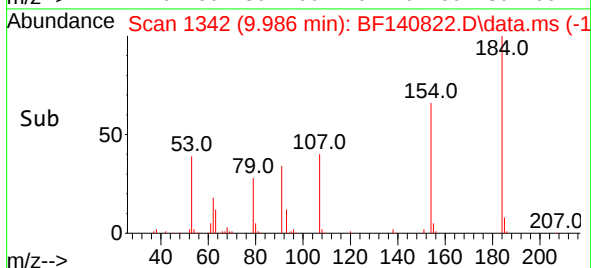
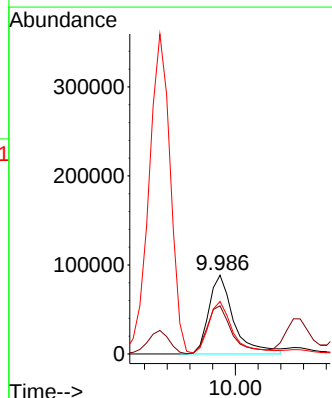
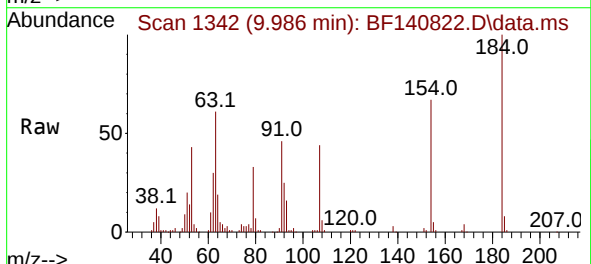
Instrument :
BNA_F
ClientSampleId :
PB165522BS

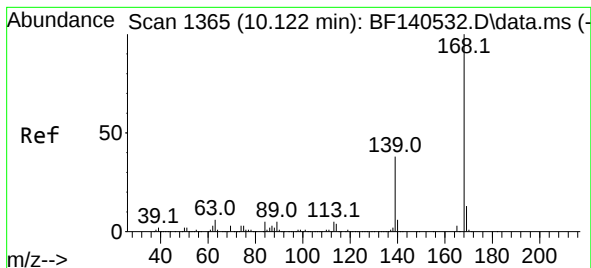
Tgt Ion:138 Resp: 91730
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 120.0 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 100.262 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:184 Resp: 135345
Ion Ratio Lower Upper
184 100
63 61.2 54.1 81.1
154 66.6 57.4 86.0





#55

Dibenzenofuran

Concen: 49.683 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

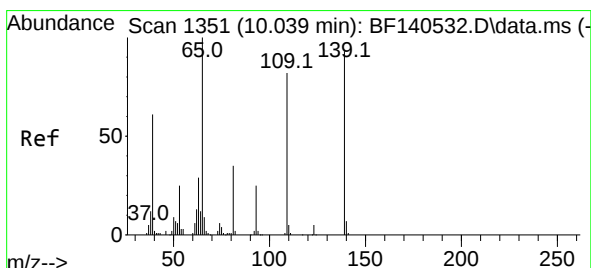
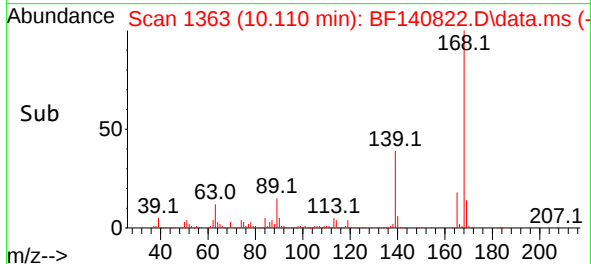
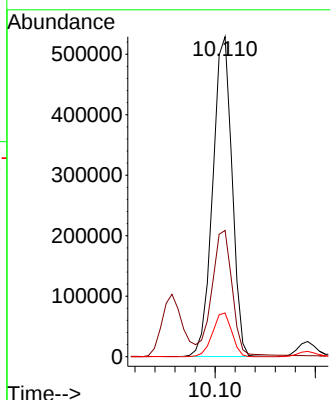
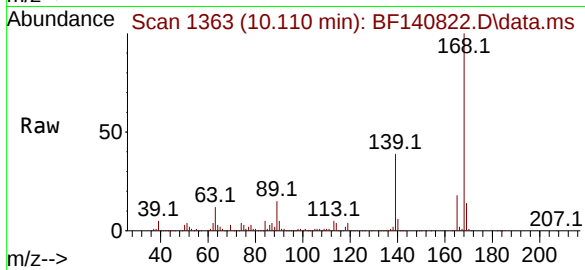
Tgt Ion:168 Resp: 702840

Ion Ratio Lower Upper

168 100

139 39.5 31.3 46.9

169 13.6 10.5 15.7



#56

4-Nitrophenol

Concen: 87.816 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

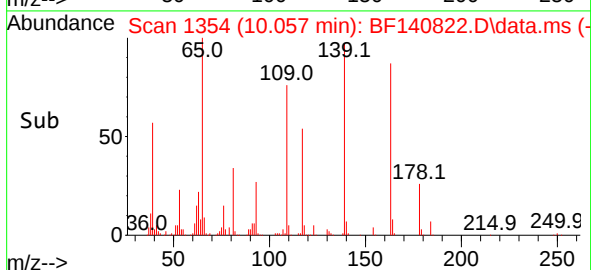
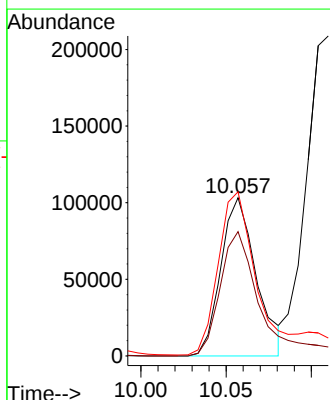
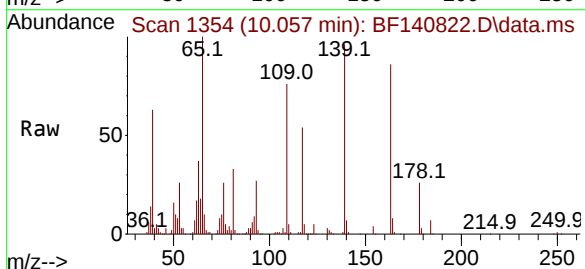
Tgt Ion:139 Resp: 149404

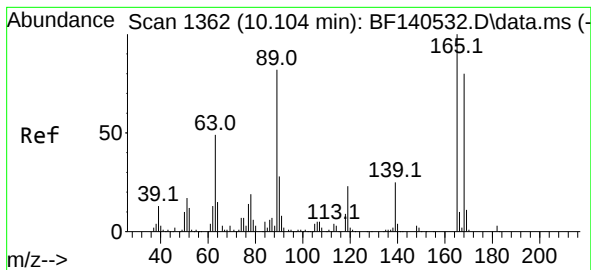
Ion Ratio Lower Upper

139 100

109 78.6 68.4 108.4

65 103.7 88.6 128.6

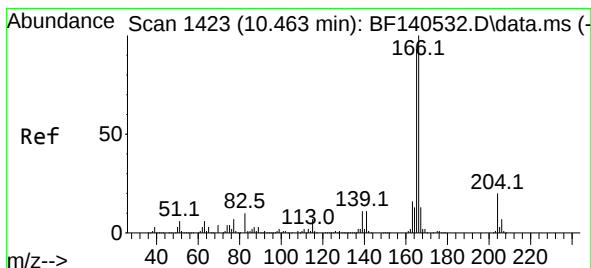
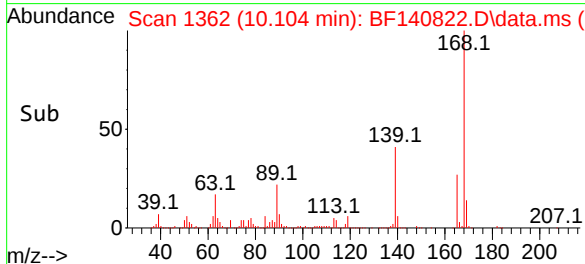
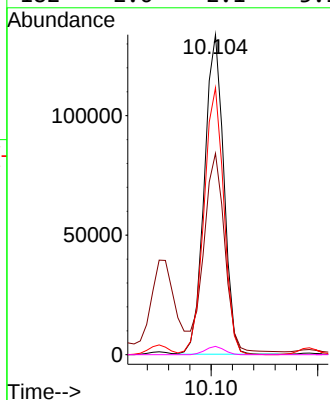
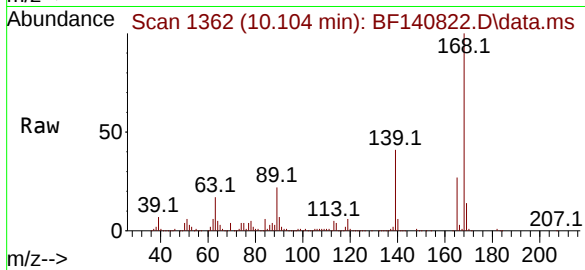




#57
2,4-Dinitrotoluene
Concen: 50.010 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

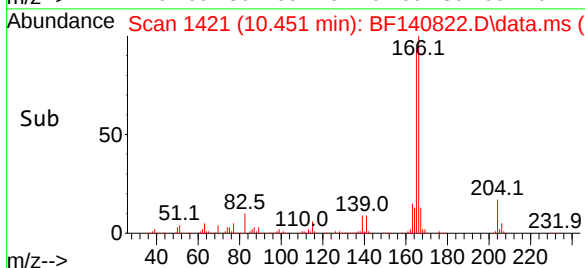
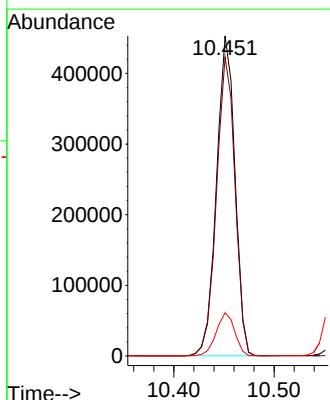
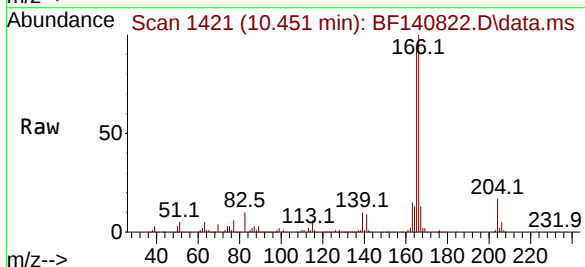
Instrument :
BNA_F
ClientSampleId :
PB165522BS

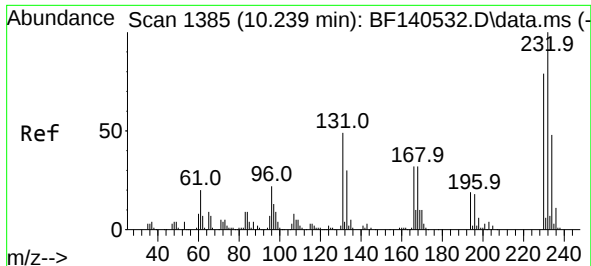
Tgt Ion:165 Resp: 169528
Ion Ratio Lower Upper
165 100
63 62.9 41.7 62.5#
89 83.4 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.982 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:166 Resp: 578900
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.5 10.6 16.0

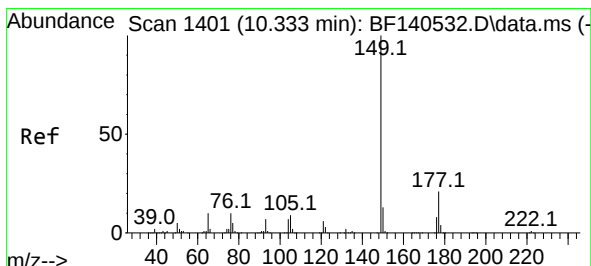
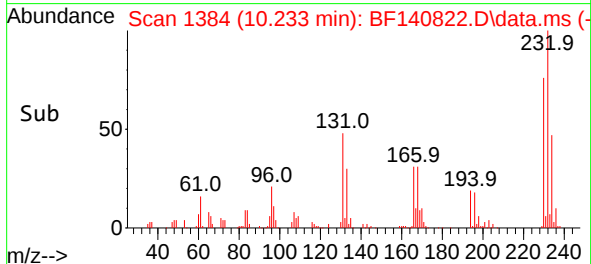
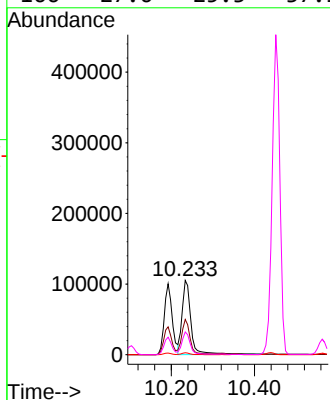
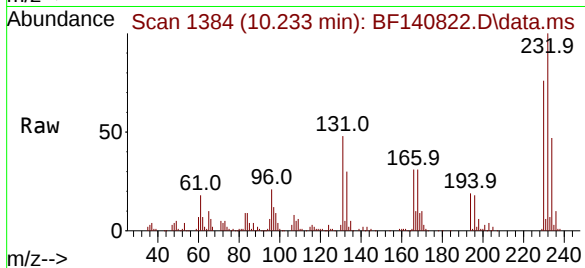




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.301 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

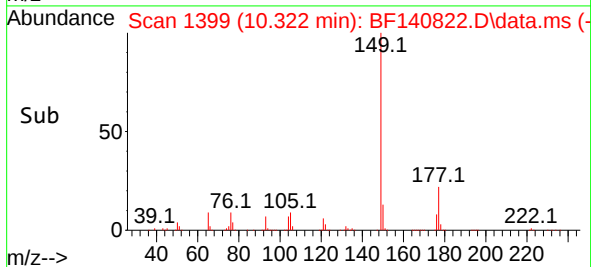
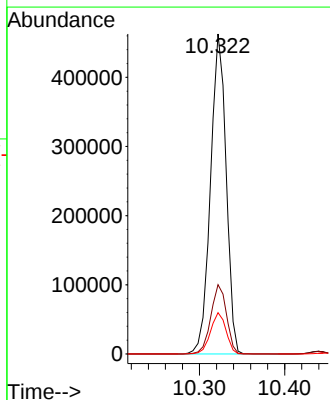
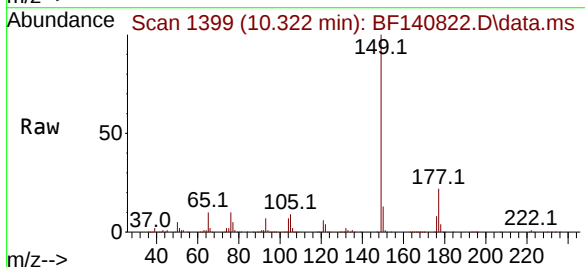
Instrument :
BNA_F
ClientSampleId :
PB165522BS

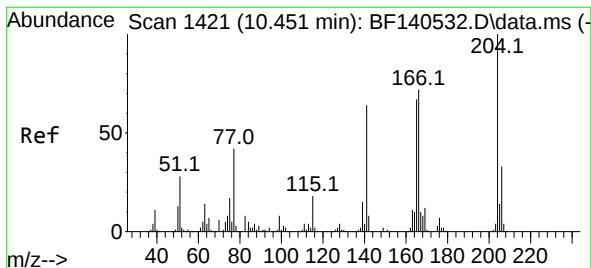
Tgt Ion:232 Resp: 155157
Ion Ratio Lower Upper
232 100
131 44.1 39.6 59.4
130 2.4 1.9 2.9
166 27.6 25.3 37.9



#60
Diethylphthalate
Concen: 51.589 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:149 Resp: 589482
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.9 10.1 15.1

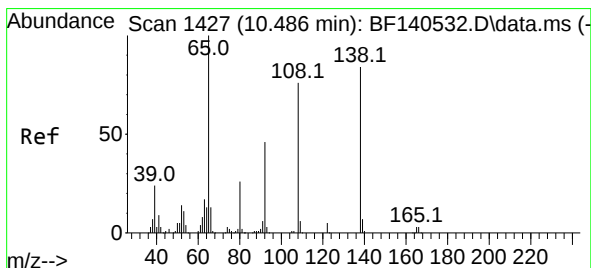
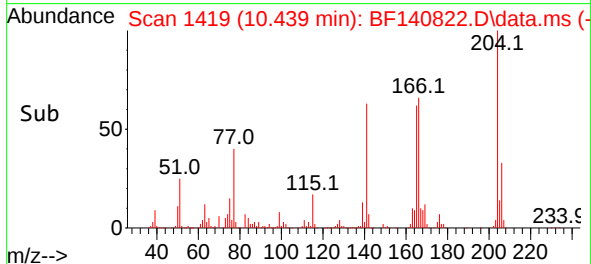
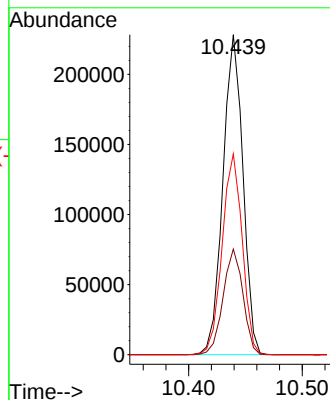
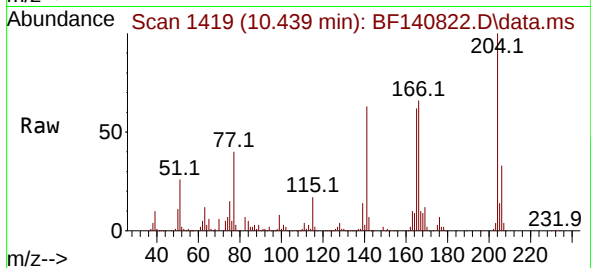




#61
4-Chlorophenyl-phenylether
Concen: 50.161 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

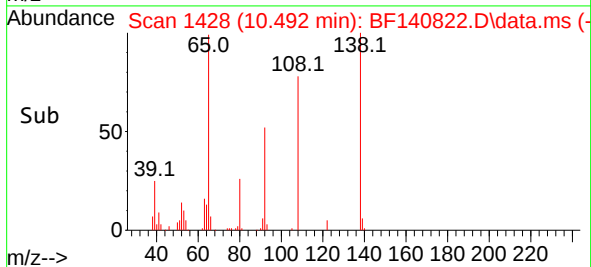
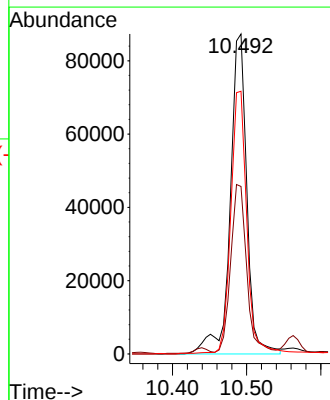
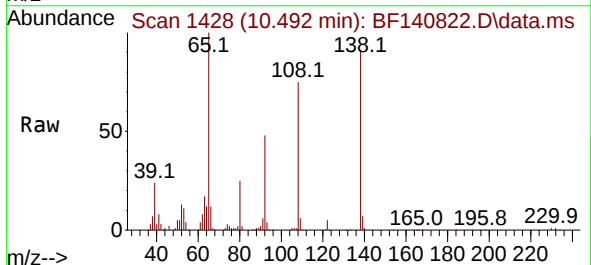
Instrument :
BNA_F
ClientSampleId :
PB165522BS

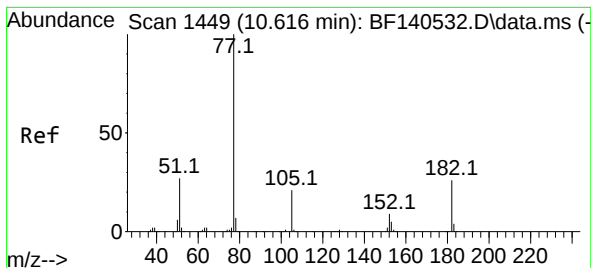
Tgt Ion:204 Resp: 279522
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 62.8 51.1 76.7



#62
4-Nitroaniline
Concen: 51.899 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:138 Resp: 135789
Ion Ratio Lower Upper
138 100
92 52.3 34.5 74.5
108 82.1 70.6 110.6





#63

Azobenzene

Concen: 51.855 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

Tgt Ion: 77 Resp: 561122

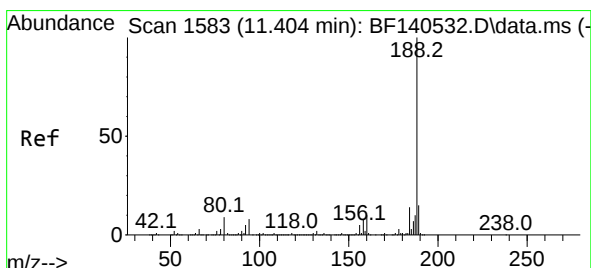
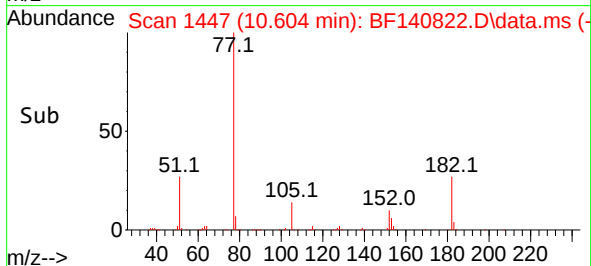
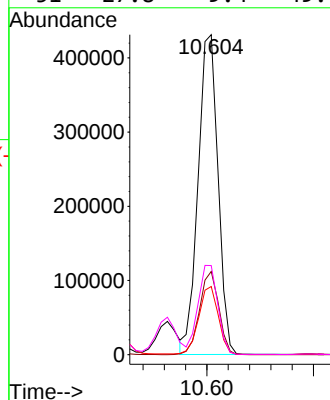
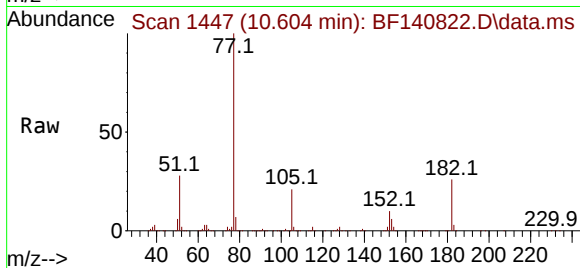
Ion Ratio Lower Upper

77 100

182 26.0 5.3 45.3

105 21.3 0.3 40.3

51 27.8 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

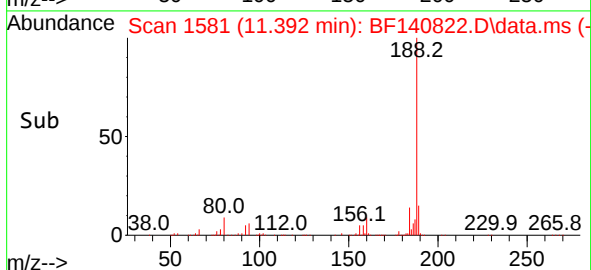
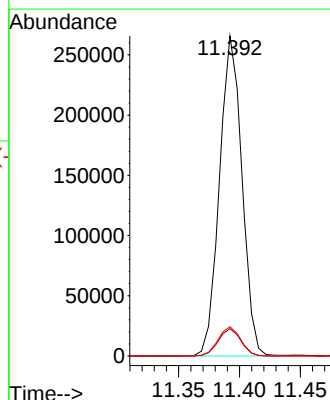
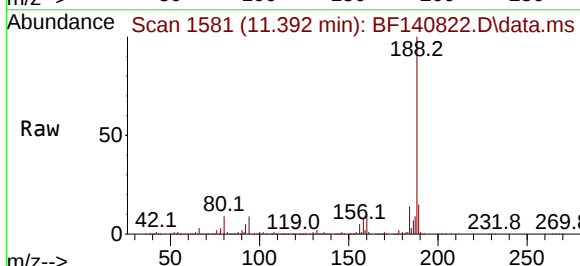
Tgt Ion: 188 Resp: 341184

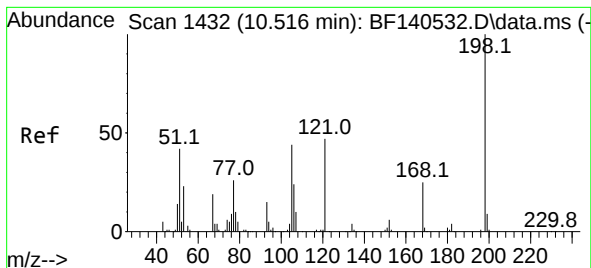
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.2 6.9 10.3

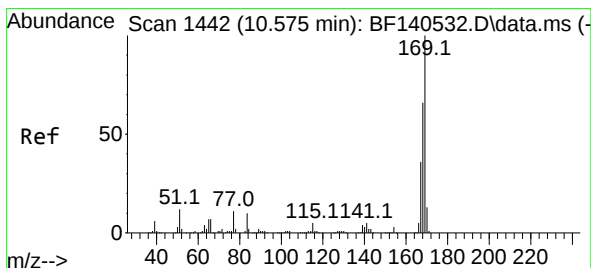
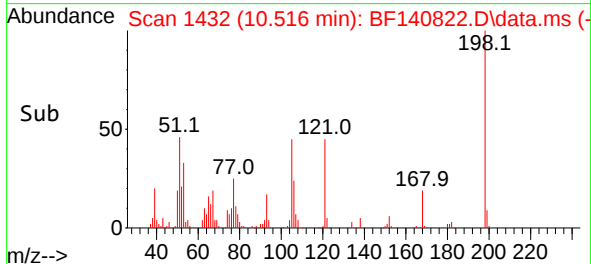
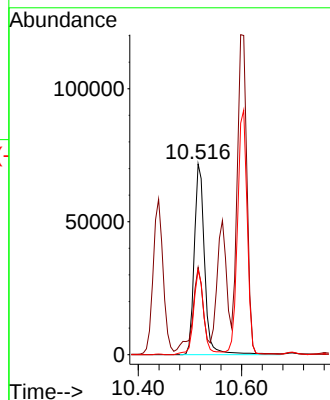
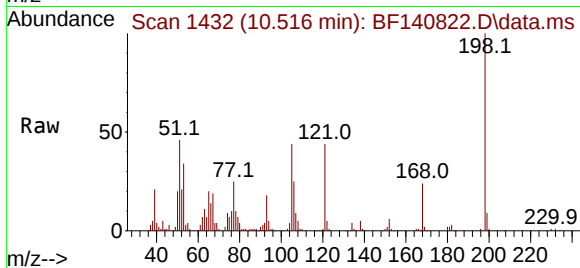




#65
4,6-Dinitro-2-methylphenol
Concen: 57.279 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

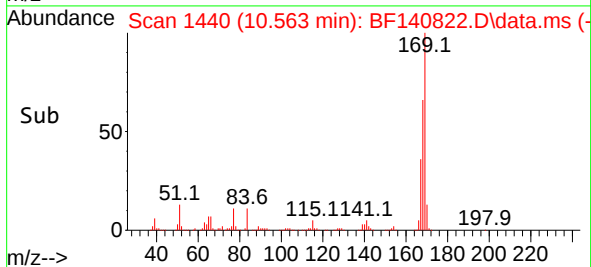
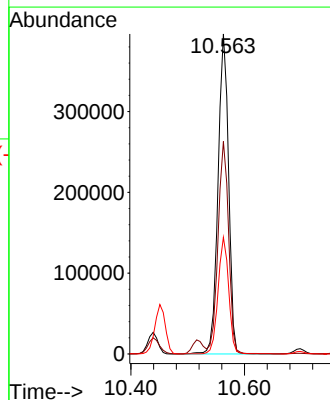
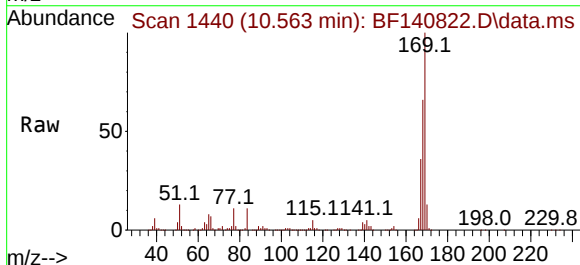
Instrument :
BNA_F
ClientSampleId :
PB165522BS

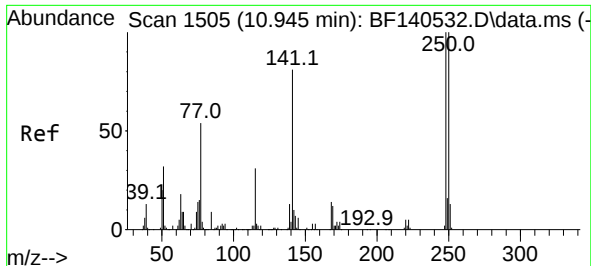
Tgt Ion:198 Resp: 99864
Ion Ratio Lower Upper
198 100
51 45.7 29.4 69.4
105 44.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 50.444 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:169 Resp: 508969
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.5 29.0 43.6





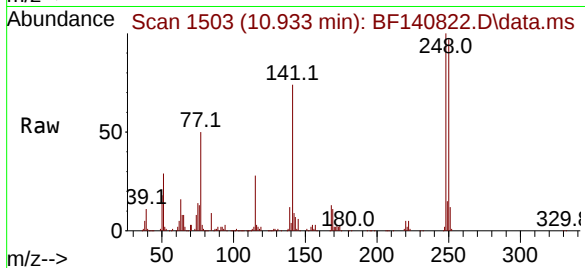
#67
4-Bromophenyl-phenylether
Concen: 49.848 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Instrument :

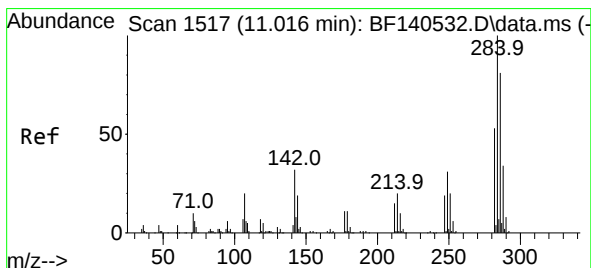
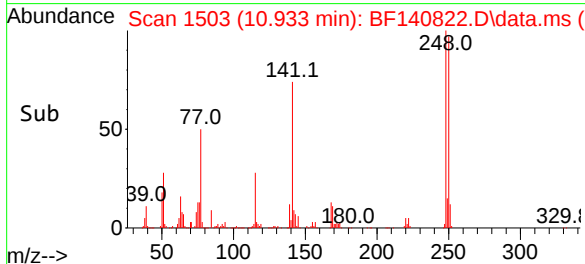
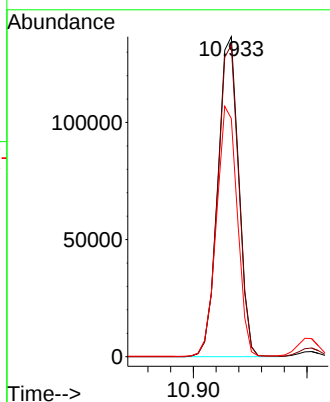
BNA_F

ClientSampleId :

PB165522BS

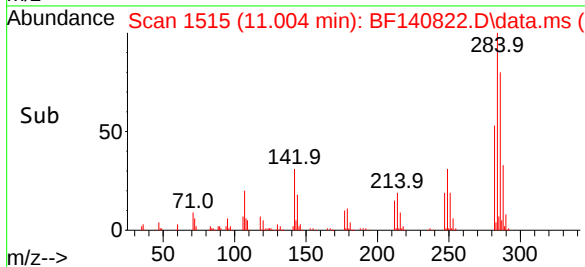
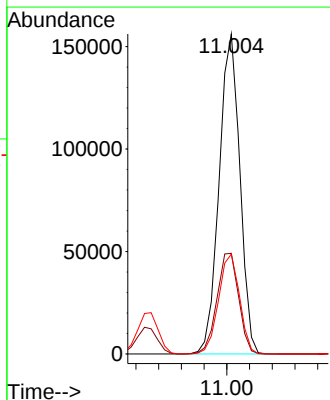
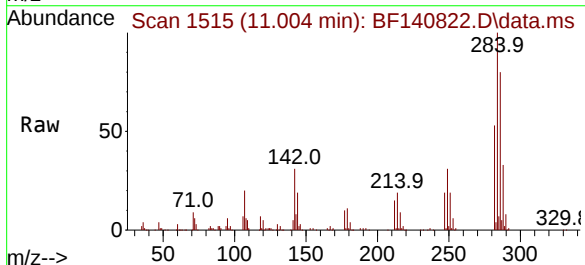


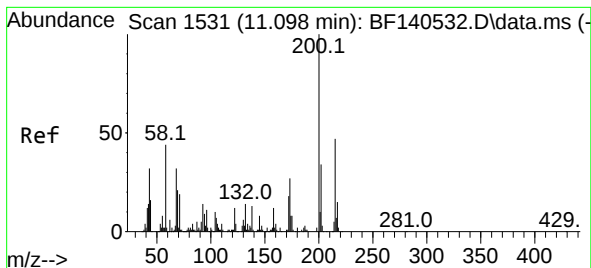
Tgt Ion:248 Resp: 175149
Ion Ratio Lower Upper
248 100
250 97.3 79.8 119.8
141 74.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 48.667 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:284 Resp: 198003
Ion Ratio Lower Upper
284 100
142 31.4 25.3 37.9
249 31.2 24.8 37.2





#69

Atrazine

Concen: 59.911 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

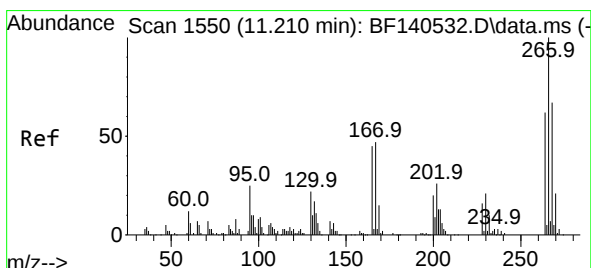
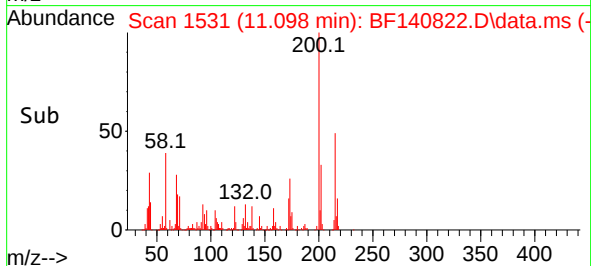
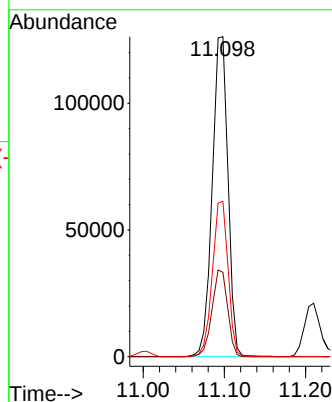
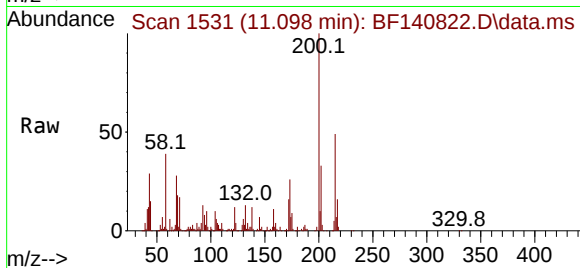
Tgt Ion:200 Resp: 170052

Ion Ratio Lower Upper

200 100

173 26.3 7.0 47.0

215 48.6 26.7 66.7



#70

Pentachlorophenol

Concen: 101.390 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

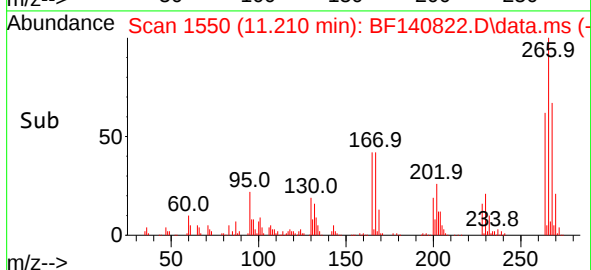
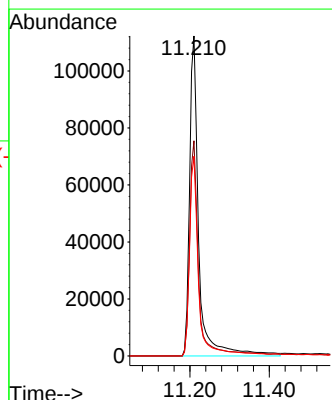
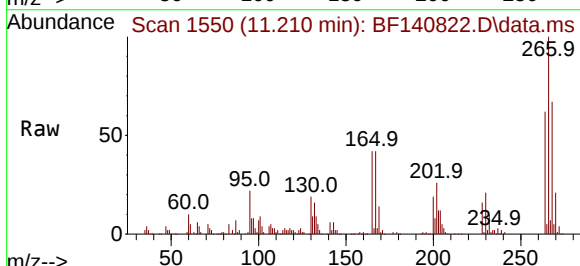
Tgt Ion:266 Resp: 181552

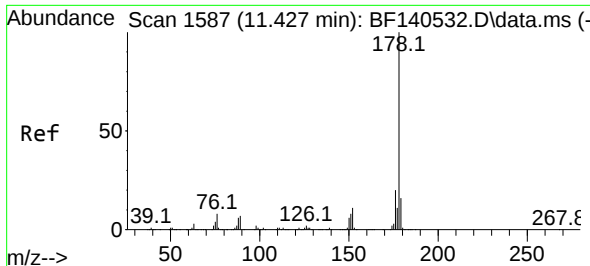
Ion Ratio Lower Upper

266 100

268 67.2 53.7 80.5

264 62.4 49.8 74.8

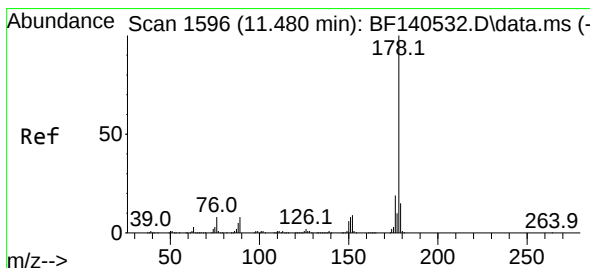
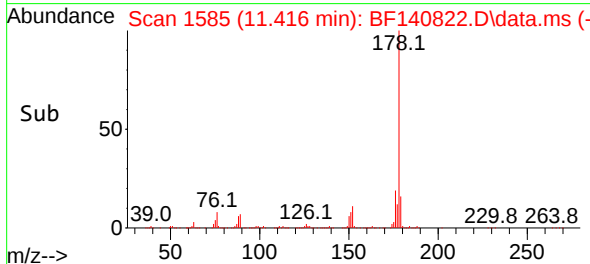
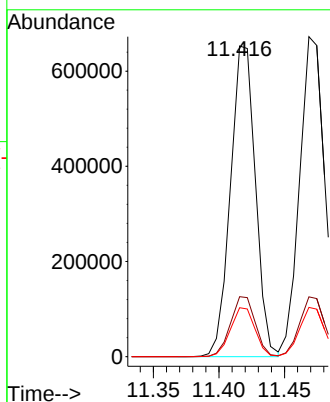
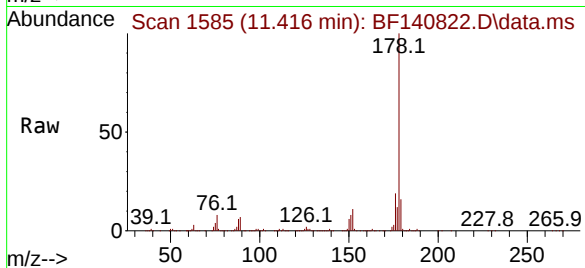




#71
Phenanthrene
Concen: 52.886 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

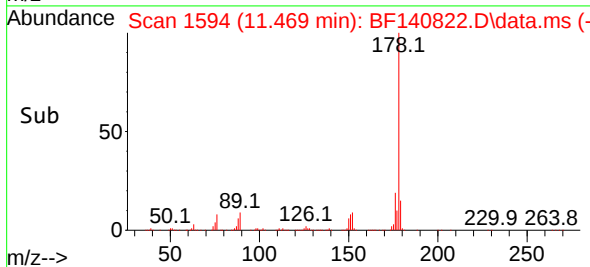
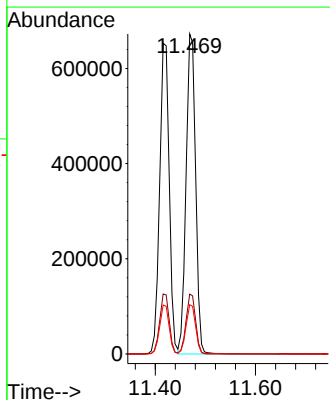
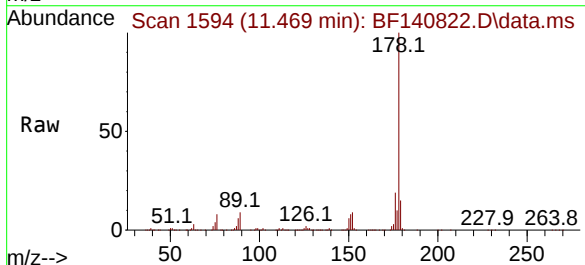
Instrument :
BNA_F
ClientSampleId :
PB165522BS

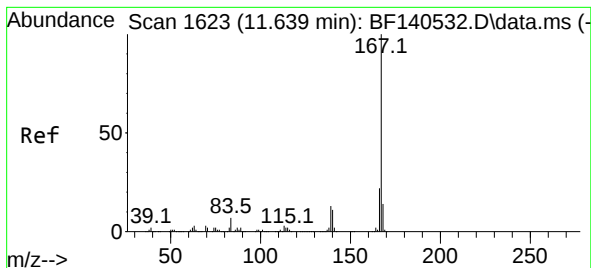
Tgt Ion:178 Resp: 867358
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.8 12.4 18.6



#72
Anthracene
Concen: 55.260 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:178 Resp: 886525
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.2 18.4





#73

Carbazole

Concen: 53.431 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

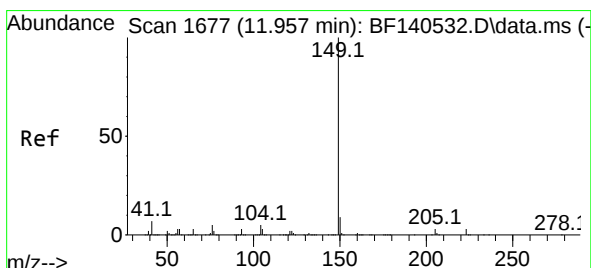
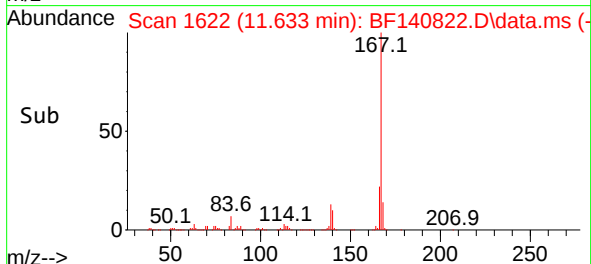
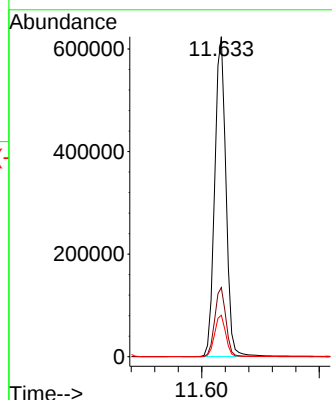
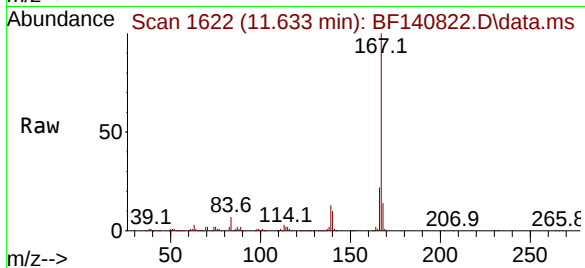
Tgt Ion:167 Resp: 824604

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 54.033 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

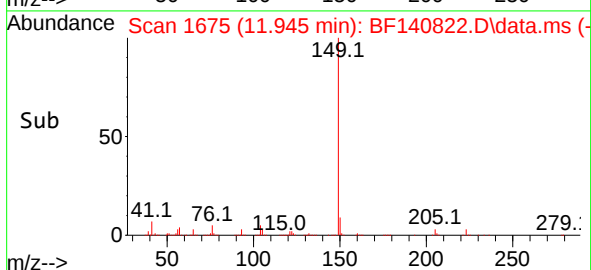
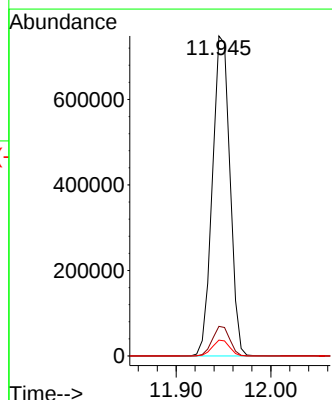
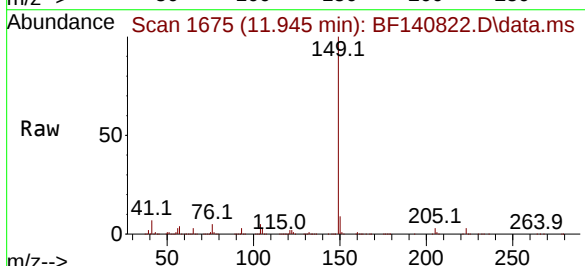
Tgt Ion:149 Resp: 962743

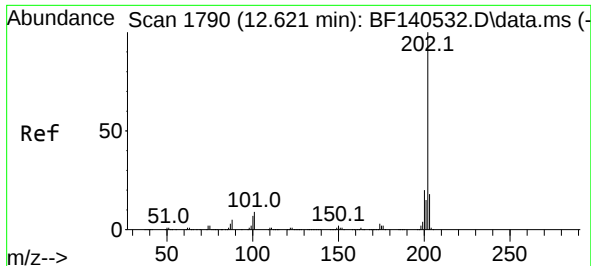
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

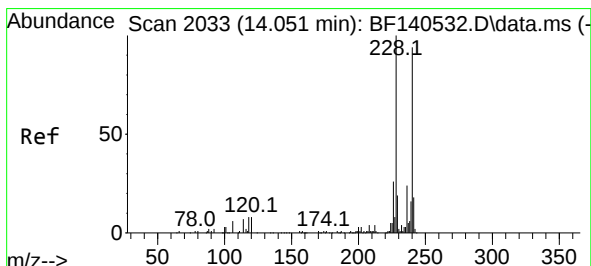
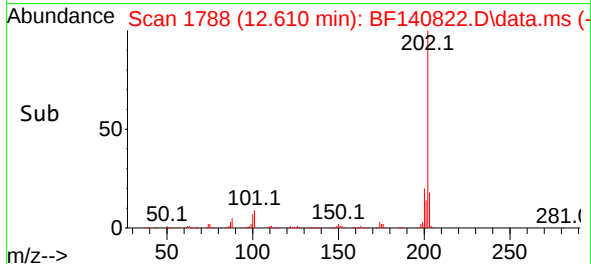
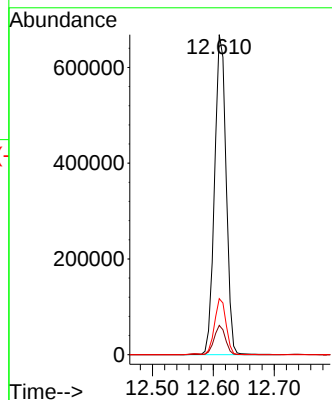
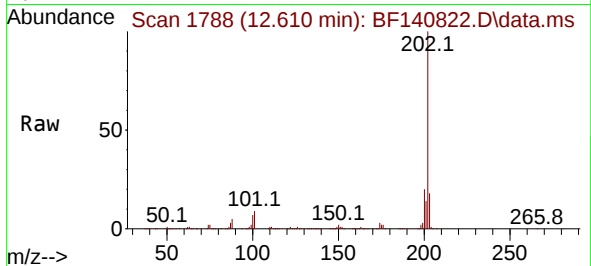




#75
Fluoranthene
Concen: 49.367 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

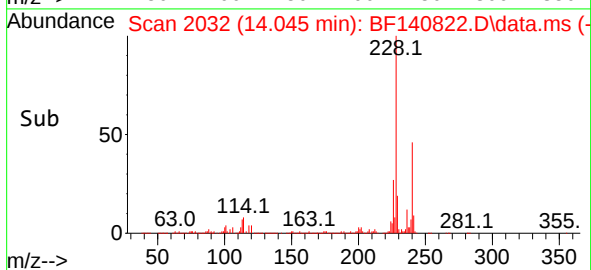
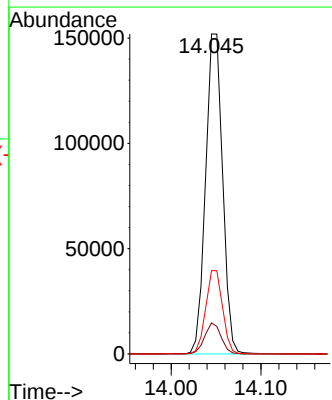
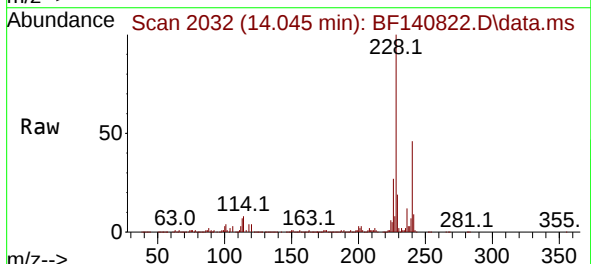
Instrument :
BNA_F
ClientSampleId :
PB165522BS

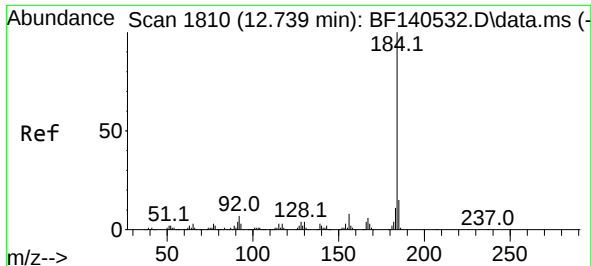
Tgt Ion:202 Resp: 879064
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:240 Resp: 200432
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.1 20.6 31.0

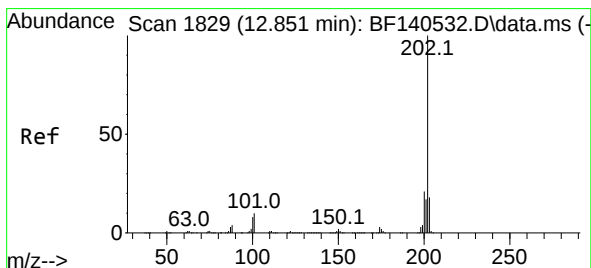
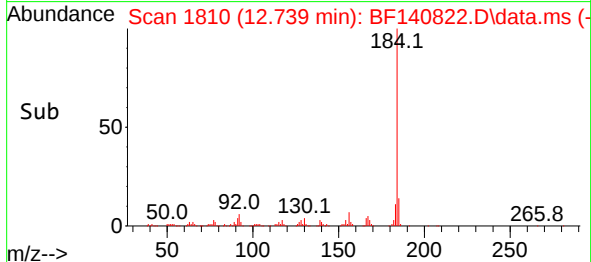
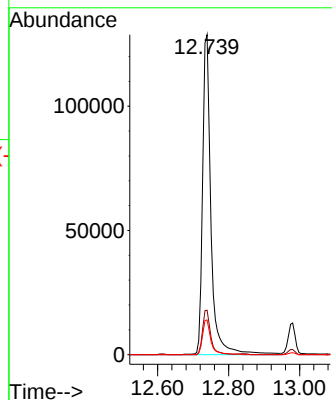
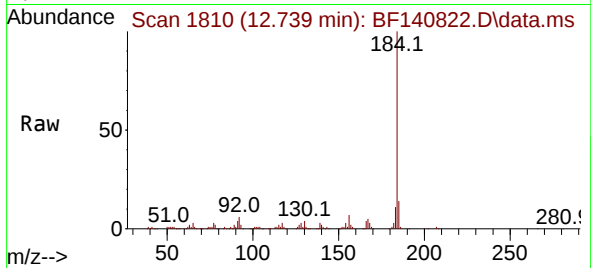




#77
Benzidine
Concen: 36.512 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

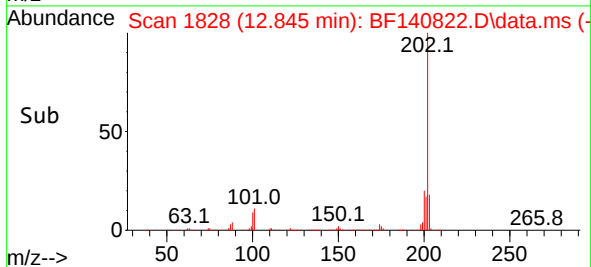
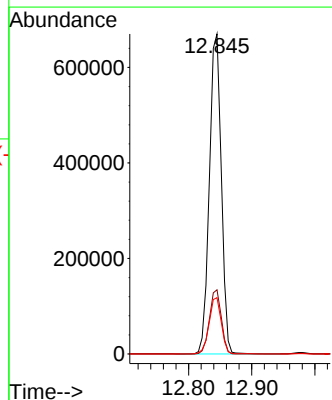
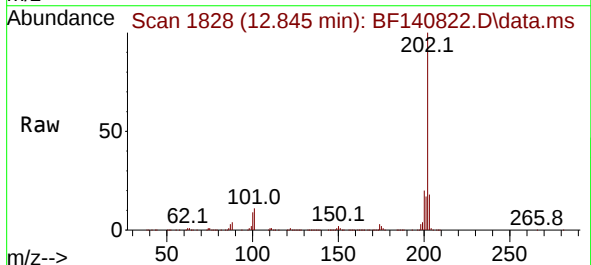
Instrument :
BNA_F
ClientSampleId :
PB165522BS

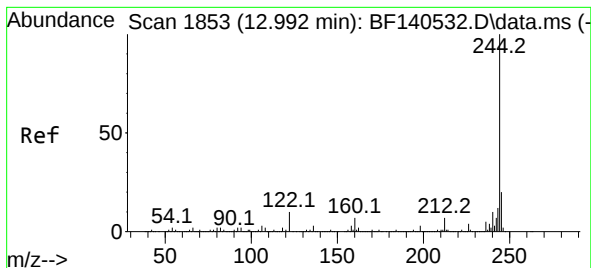
Tgt Ion:184 Resp: 212771
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 10.8 8.8 13.2



#78
Pyrene
Concen: 47.502 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:202 Resp: 880335
Ion Ratio Lower Upper
202 100
200 20.1 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 93.615 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

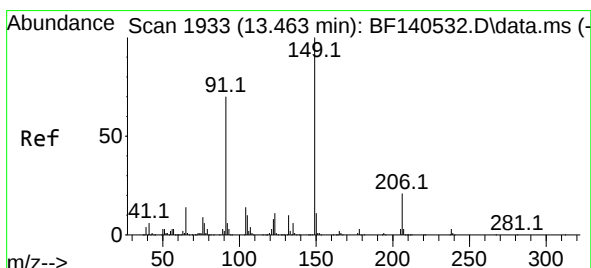
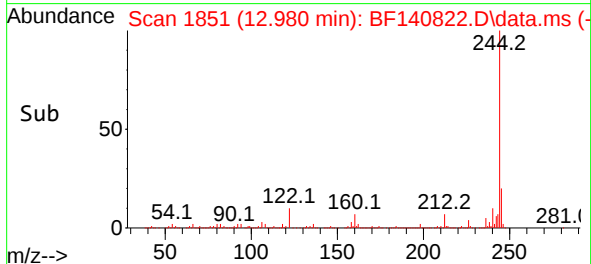
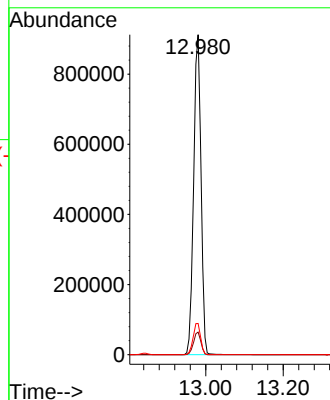
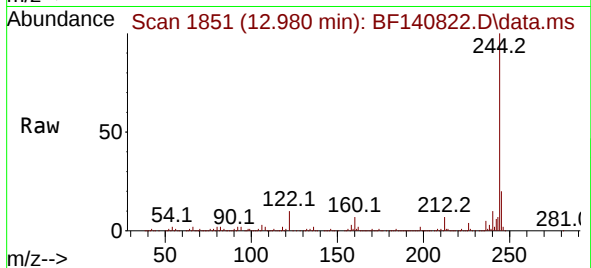
Tgt Ion:244 Resp: 1204995

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.517 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

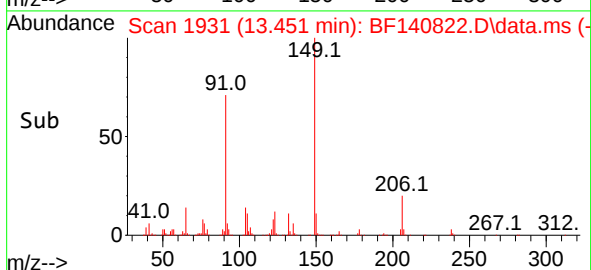
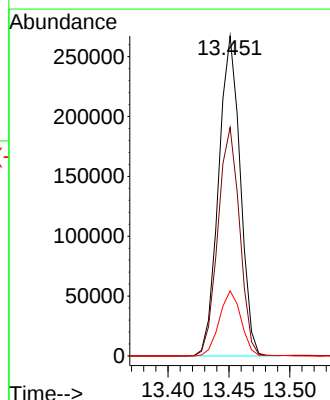
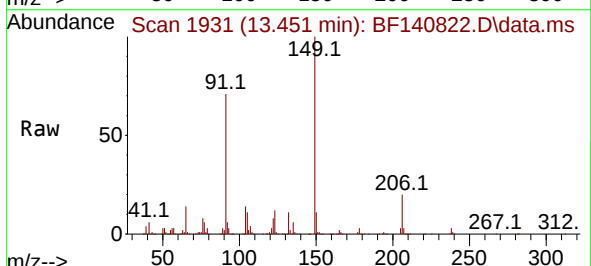
Tgt Ion:149 Resp: 330583

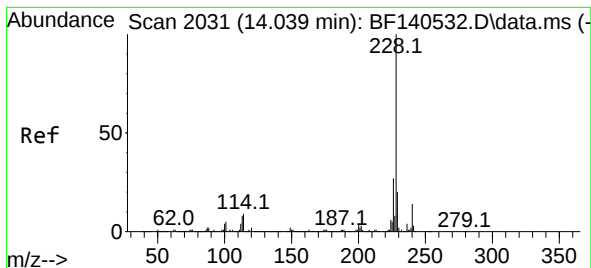
Ion Ratio Lower Upper

149 100

91 71.4 56.2 84.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.448 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

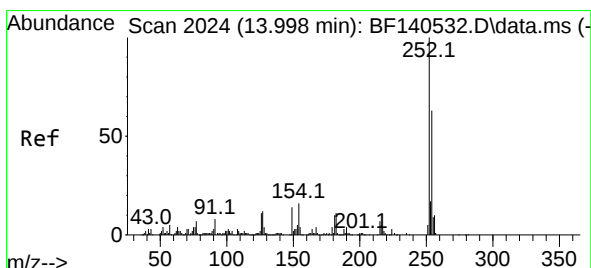
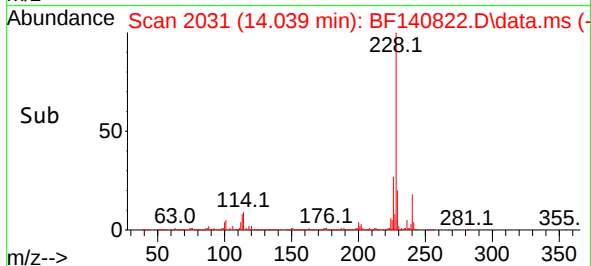
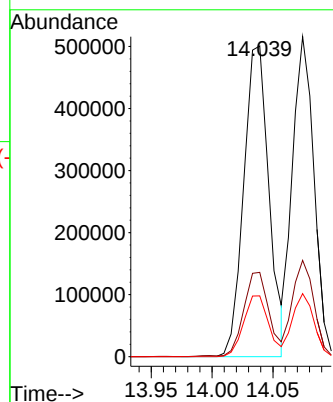
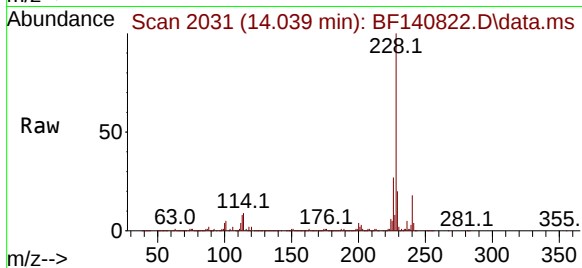
Tgt Ion:228 Resp: 722410

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.684 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

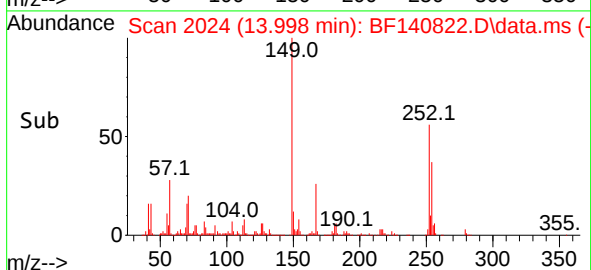
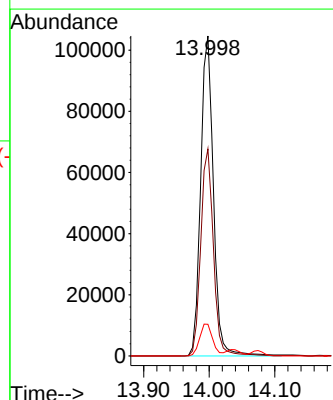
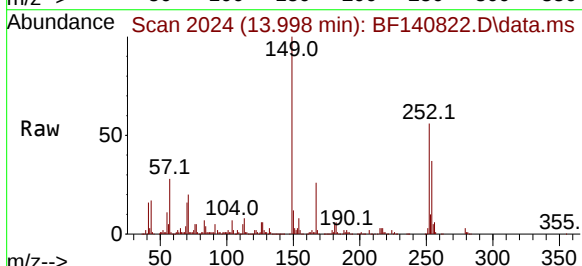
Tgt Ion:252 Resp: 142145

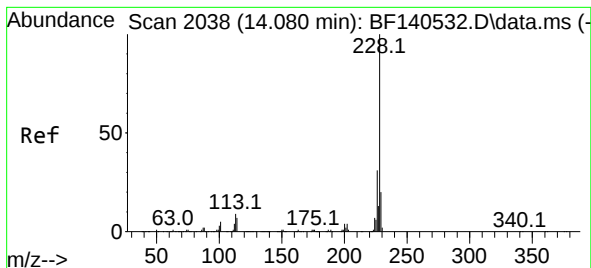
Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 9.9 8.6 13.0





#83

Chrysene

Concen: 52.495 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

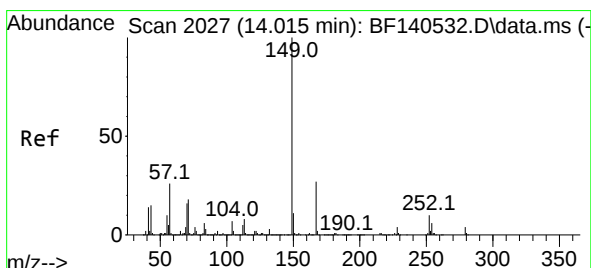
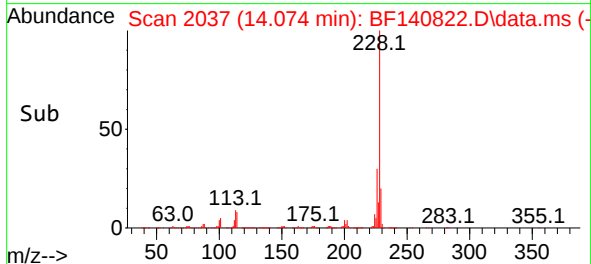
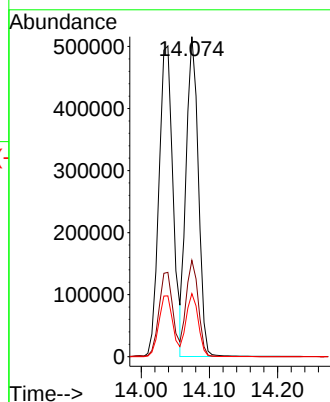
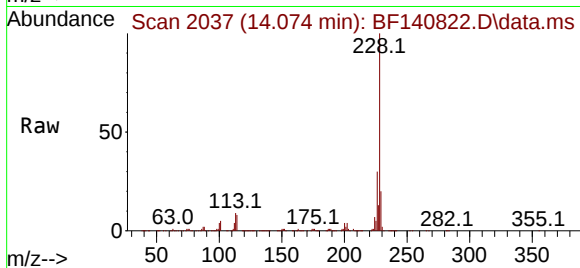
Tgt Ion:228 Resp: 636862

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.744 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

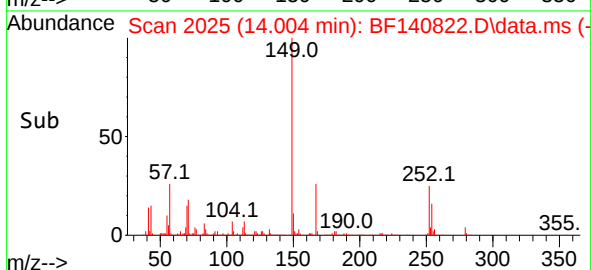
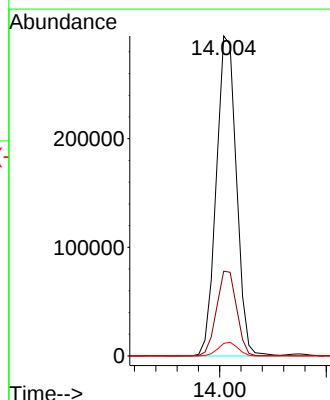
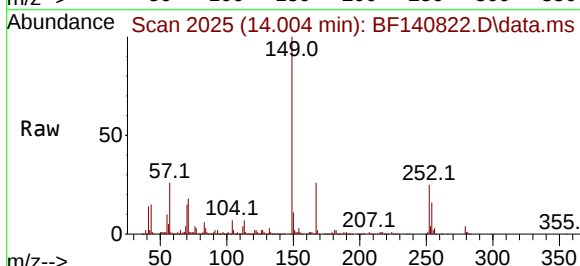
Tgt Ion:149 Resp: 385620

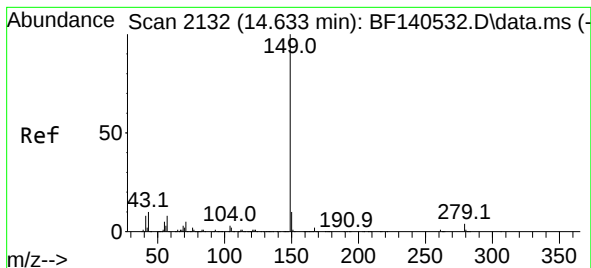
Ion Ratio Lower Upper

149 100

167 26.5 21.2 31.8

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 44.113 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

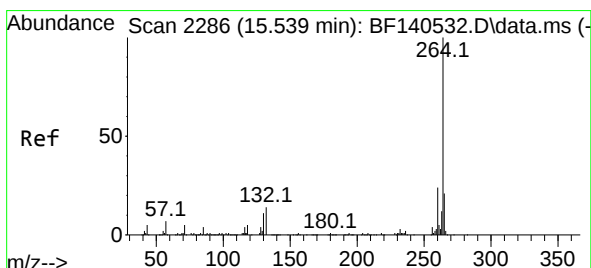
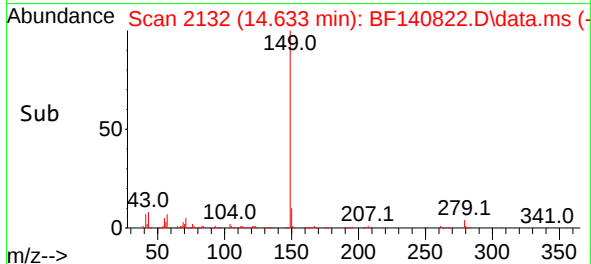
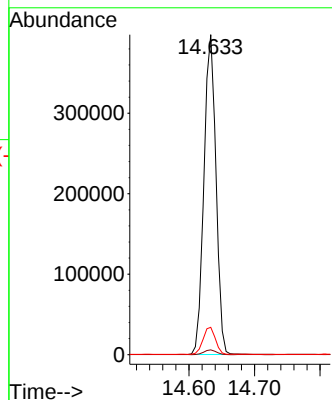
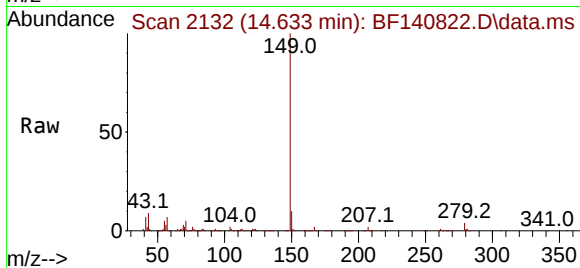
Tgt Ion:149 Resp: 508214

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

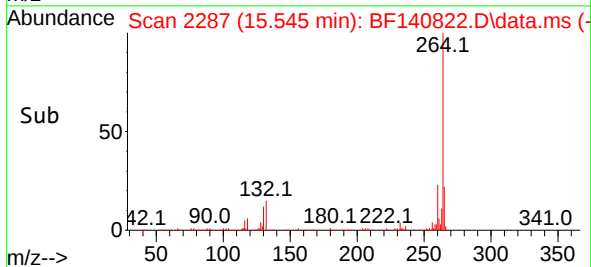
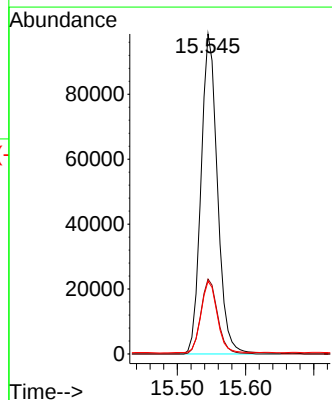
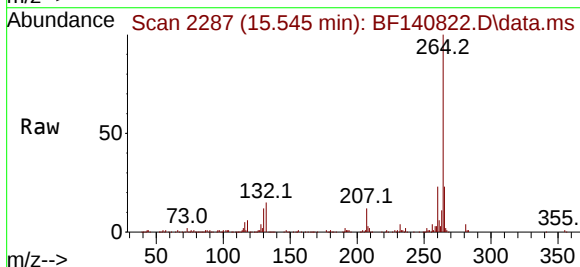
Tgt Ion:264 Resp: 165537

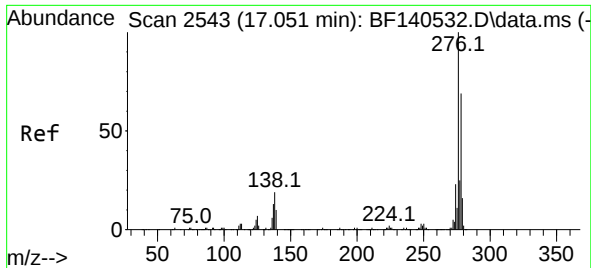
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 22.7 16.6 25.0

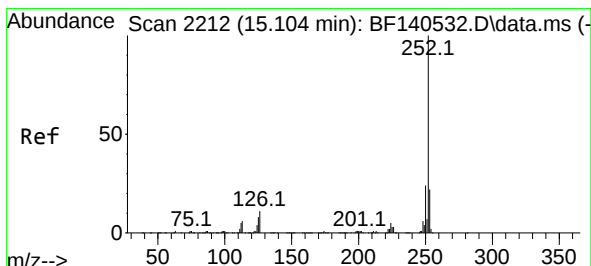
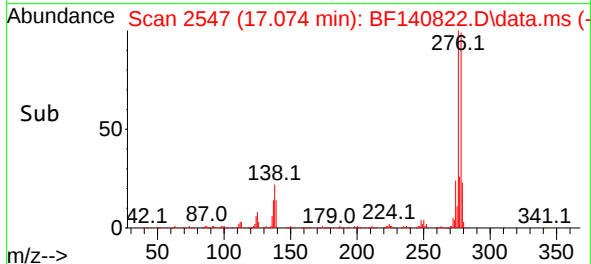
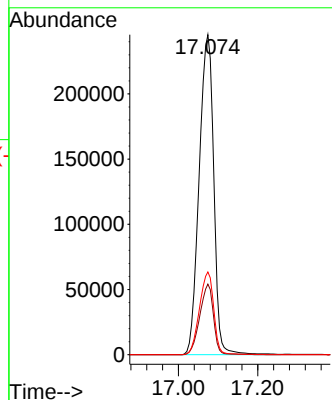
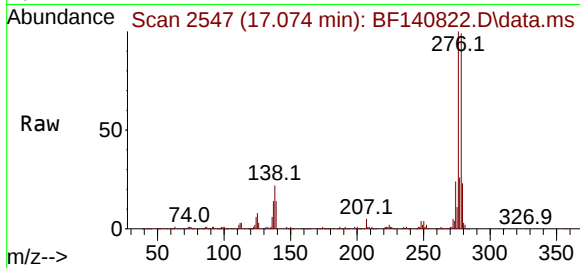




#87
Indeno(1,2,3-cd)pyrene
Concen: 58.199 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

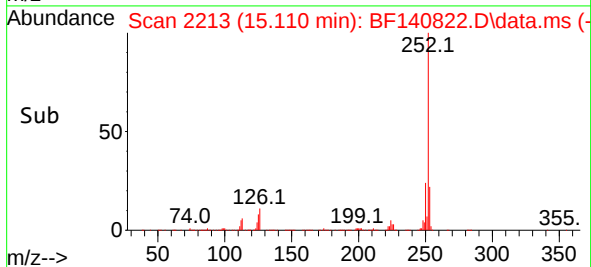
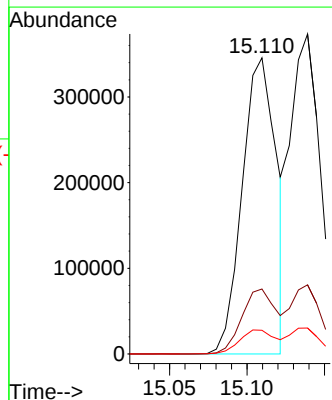
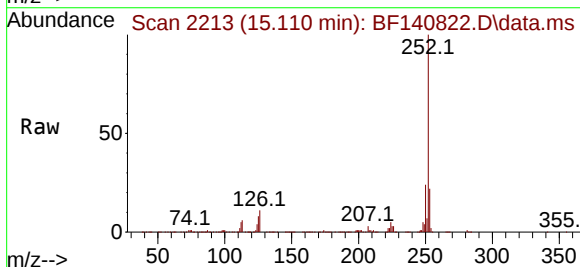
Instrument :
BNA_F
ClientSampleId :
PB165522BS

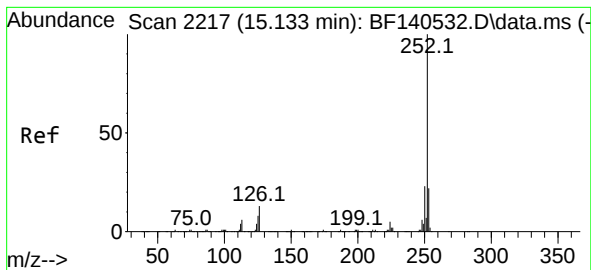
Tgt Ion:276 Resp: 627844
Ion Ratio Lower Upper
276 100
138 20.6 15.5 23.3
277 25.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 50.872 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:252 Resp: 528946
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 8.0 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 55.842 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

Instrument :

BNA_F

ClientSampleId :

PB165522BS

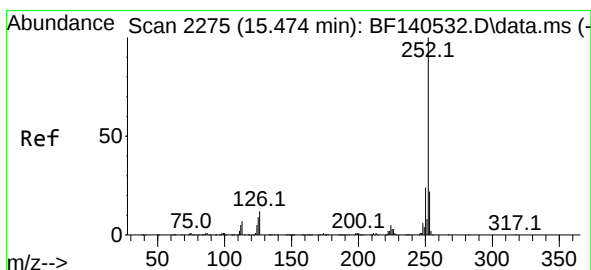
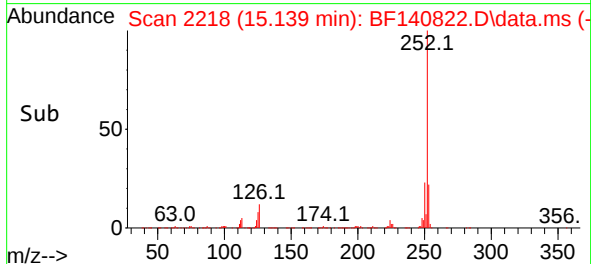
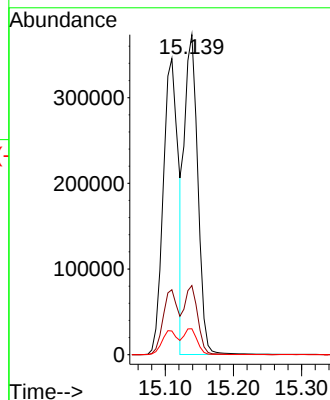
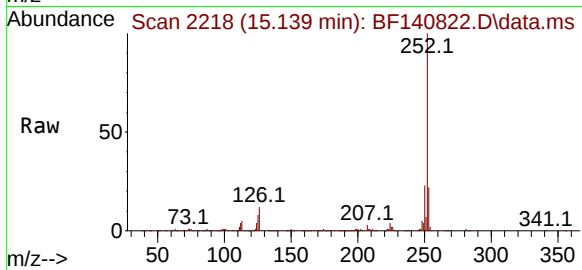
Tgt Ion:252 Resp: 508093

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.1 6.5 9.7



#90

Benzo(a)pyrene

Concen: 56.743 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140822.D

Acq: 11 Dec 2024 12:04

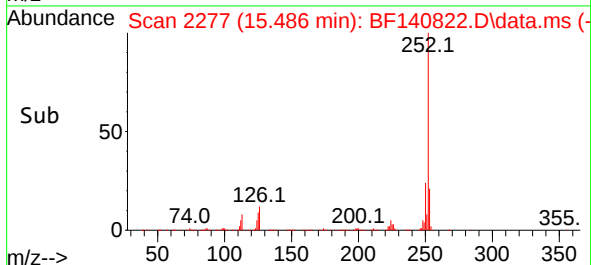
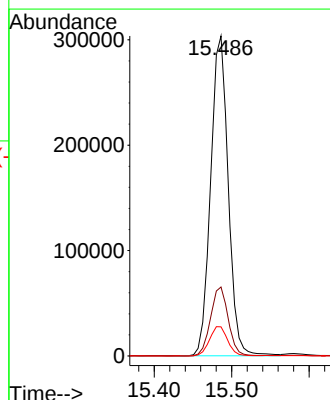
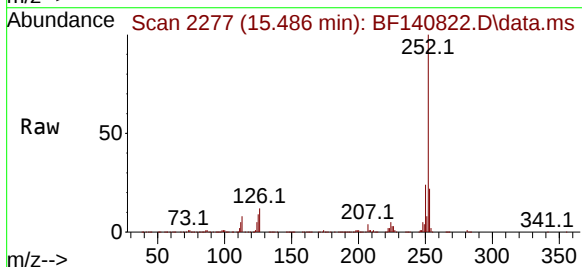
Tgt Ion:252 Resp: 479712

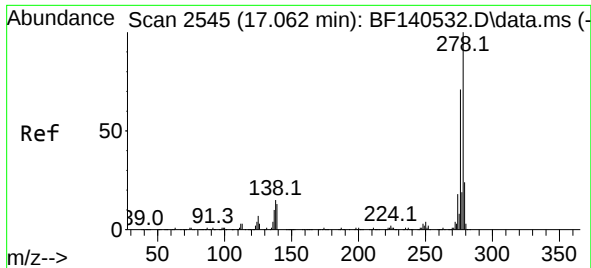
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.1 7.0 10.6

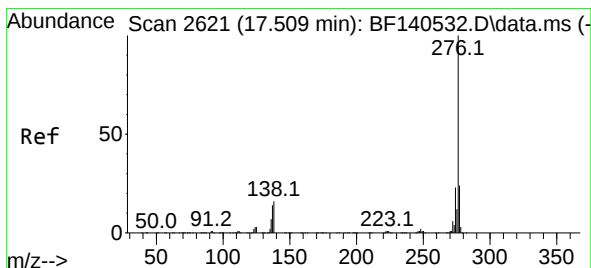
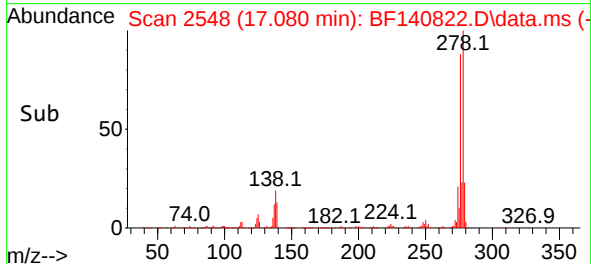
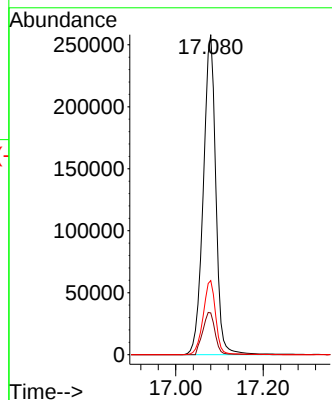
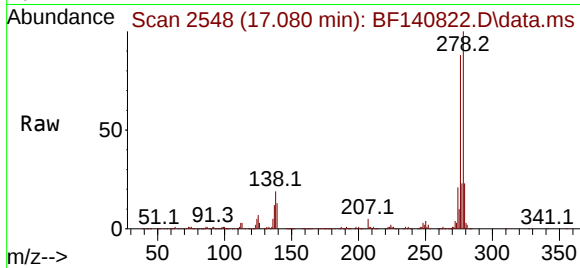




#91
Dibenzo(a,h)anthracene
Concen: 58.135 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Instrument :
BNA_F
ClientSampleId :
PB165522BS

Tgt Ion:278 Resp: 513614
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 56.202 ng
RT: 17.527 min Scan# 2624
Delta R.T. 0.018 min
Lab File: BF140822.D
Acq: 11 Dec 2024 12:04

Tgt Ion:276 Resp: 506690
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.1 13.2 19.8

