

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140840.D
 Acq On : 13 Dec 2024 13:13
 Operator : RC/JU
 Sample : PB165543BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

Quant Time: Dec 13 16:13:47 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	60043	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	223506	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	123716	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	224669	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	117791	20.000	ng	0.00
86) Perylene-d12	15.557	264	124437	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	509124	144.675	ng	0.00
7) Phenol-d6	6.510	99	638933	137.337	ng	0.00
23) Nitrobenzene-d5	7.428	82	413657	94.667	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	199137	150.502	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	841983	101.402	ng	-0.02
79) Terphenyl-d14	12.974	244	832236	110.017	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	66680	45.067	ng	99
3) Pyridine	3.493	79	164087	50.404	ng	99
4) n-Nitrosodimethylamine	3.428	42	90469	47.284	ng	96
6) Aniline	6.528	93	187649	57.305	ng	88
8) 2-Chlorophenol	6.651	128	193486	51.106	ng	96
9) Benzaldehyde	6.416	77	49771	20.209	ng	98
10) Phenol	6.522	94	240185	50.553	ng	89
11) bis(2-Chloroethyl)ether	6.593	93	182459	50.185	ng	99
12) 1,3-Dichlorobenzene	6.798	146	206632	48.572	ng	98
13) 1,4-Dichlorobenzene	6.875	146	214865	49.882	ng	99
14) 1,2-Dichlorobenzene	7.028	146	204151	50.579	ng	99
15) Benzyl Alcohol	7.010	79	172757	50.073	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	218583	50.890	ng	# 62
17) 2-Methylphenol	7.128	107	151915	50.126	ng	93
18) Hexachloroethane	7.363	117	79482	49.405	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	139347	50.681	ng	97
20) 3+4-Methylphenols	7.281	107	199022	51.091	ng	# 82
22) Acetophenone	7.269	105	274096	50.302	ng	95
24) Nitrobenzene	7.445	77	209347	46.356	ng	98
25) Isophorone	7.681	82	375087	51.465	ng	100
26) 2-Nitrophenol	7.763	139	102832	51.382	ng	97
27) 2,4-Dimethylphenol	7.798	122	151730m	63.364	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	224069	50.466	ng	100
29) 2,4-Dichlorophenol	8.010	162	164951	51.986	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	175347	48.401	ng	99
31) Naphthalene	8.163	128	566685	49.223	ng	100
32) Benzoic acid	7.945	122	104170	49.692	ng	99
33) 4-Chloroaniline	8.216	127	113354	32.886	ng	99
34) Hexachlorobutadiene	8.269	225	121128	50.479	ng	99
35) Caprolactam	8.592	113	46568m	47.425	ng	
36) 4-Chloro-3-methylphenol	8.710	107	176841	49.779	ng	98
37) 2-Methylnaphthalene	8.851	142	378632	51.780	ng	99
38) 1-Methylnaphthalene	8.951	142	347981	48.550	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	190879	52.703	ng	99
41) Hexachlorocyclopentadiene	8.998	237	96899	115.469	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	113169	49.796	ng	98

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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	119907	48.615	ng	97
46) 1,1'-Biphenyl	9.316	154	470038	50.888	ng	100
47) 2-Chloronaphthalene	9.345	162	353838	50.556	ng	99
48) 2-Nitroaniline	9.451	65	108589	48.337	ng	95
49) Acenaphthylene	9.763	152	571864	54.078	ng	99
50) Dimethylphthalate	9.622	163	423349	51.958	ng	100
51) 2,6-Dinitrotoluene	9.692	165	89378	48.368	ng	95
52) Acenaphthene	9.933	154	345937	51.485	ng	100
53) 3-Nitroaniline	9.863	138	61017	33.761	ng	97
54) 2,4-Dinitrophenol	9.981	184	78629	81.948	ng	99
55) Dibenzofuran	10.104	168	528217	51.539	ng	99
56) 4-Nitrophenol	10.051	139	85267	69.177	ng	97
57) 2,4-Dinitrotoluene	10.098	165	120084	48.896	ng	# 92
58) Fluorene	10.451	166	423625	51.495	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	101607	53.602	ng	94
60) Diethylphthalate	10.316	149	426479	51.517	ng	100
61) 4-Chlorophenyl-phenyle...	10.439	204	216460	53.616	ng	95
62) 4-Nitroaniline	10.486	138	86766	45.774	ng	97
63) Azobenzene	10.598	77	400449	51.080	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	62177	54.158	ng	96
66) n-Nitrosodiphenylamine	10.557	169	362012	54.487	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	125440	54.215	ng	97
68) Hexachlorobenzene	10.998	284	140002	52.257	ng	98
69) Atrazine	11.086	200	112674	60.282	ng	99
70) Pentachlorophenol	11.204	266	99371	84.275	ng	99
71) Phenanthrene	11.416	178	578602	53.576	ng	99
72) Anthracene	11.469	178	589315	55.785	ng	100
73) Carbazole	11.627	167	505022	49.694	ng	99
74) Di-n-butylphthalate	11.945	149	614007	52.332	ng	99
75) Fluoranthene	12.610	202	577909	49.286	ng	99
77) Benzidine	12.733	184	124326	36.303	ng	99
78) Pyrene	12.839	202	582508	53.484	ng	99
80) Butylbenzylphthalate	13.445	149	190050	48.439	ng	98
81) Benzo(a)anthracene	14.039	228	423511	54.315	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	85782	36.643	ng	99
83) Chrysene	14.074	228	368650	51.706	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	239318	48.306	ng	99
85) Di-n-octyl phthalate	14.639	149	394039	58.199	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	497948	61.404	ng	99
88) Benzo(b)fluoranthene	15.116	252	408661	52.285	ng	100
89) Benzo(k)fluoranthene	15.145	252	316837	46.323	ng	100
90) Benzo(a)pyrene	15.492	252	355825	55.991	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	404119	60.849	ng	99
92) Benzo(g,h,i)perylene	17.533	276	374022	55.189	ng	99

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

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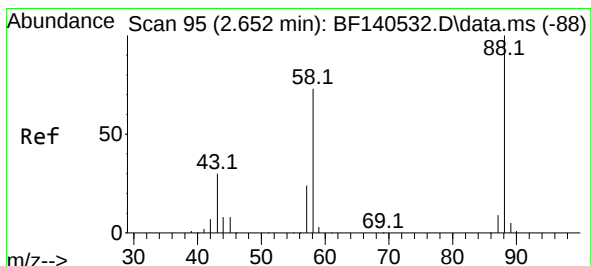
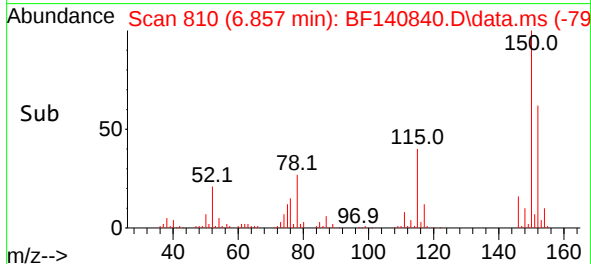
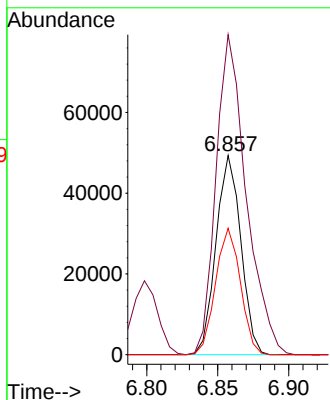
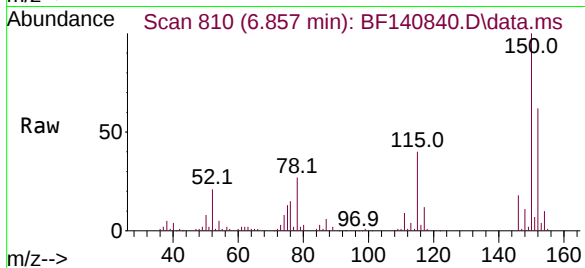




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140840.D
 Acq: 13 Dec 2024 13:13

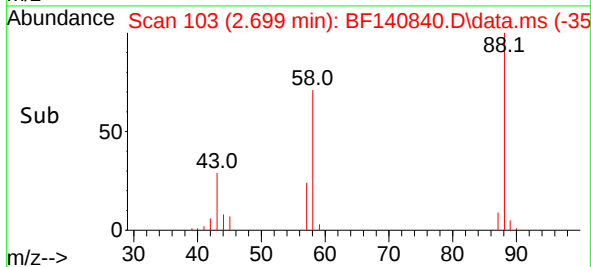
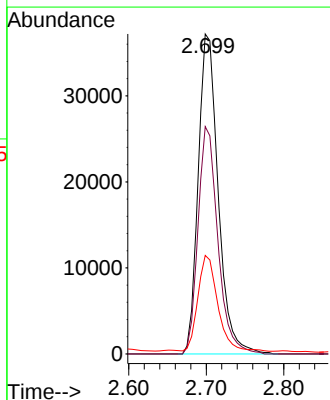
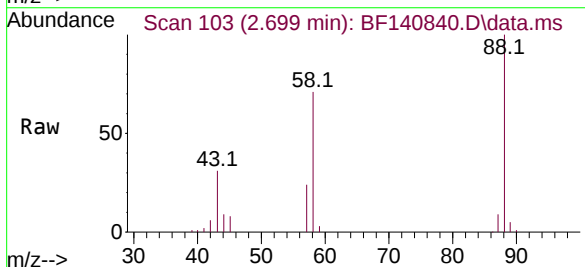
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

Tgt Ion:152 Resp: 60043
 Ion Ratio Lower Upper
 152 100
 150 160.6 128.5 192.7
 115 63.5 50.2 75.4



#2
 1,4-Dioxane
 Concen: 45.067 ng
 RT: 2.699 min Scan# 103
 Delta R.T. 0.047 min
 Lab File: BF140840.D
 Acq: 13 Dec 2024 13:13

Tgt Ion: 88 Resp: 66680
 Ion Ratio Lower Upper
 88 100
 58 70.5 57.4 86.2
 43 29.6 24.3 36.5





#3

Pyridine

Concen: 50.404 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

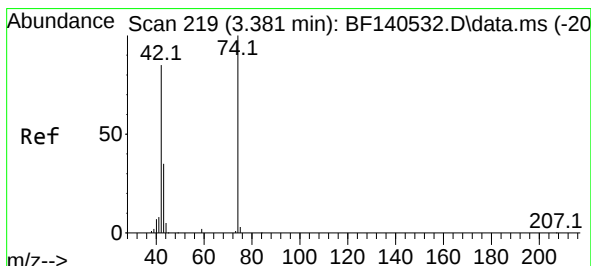
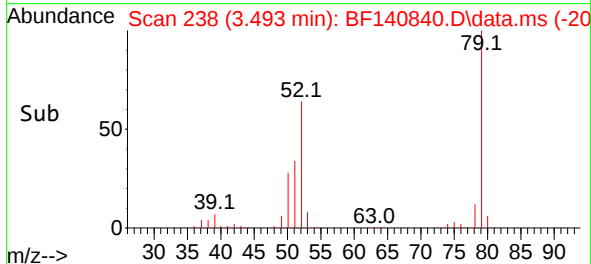
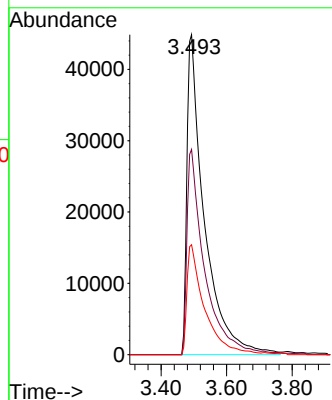
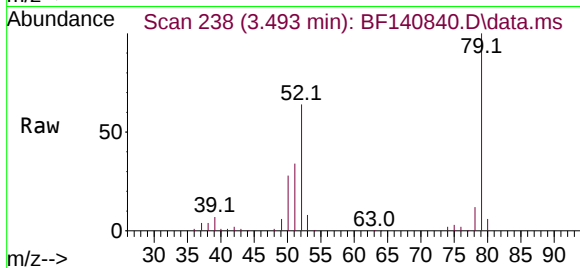
Tgt Ion: 79 Resp: 164087

Ion Ratio Lower Upper

79 100

52 64.2 52.1 78.1

51 34.3 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 47.284 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.047 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

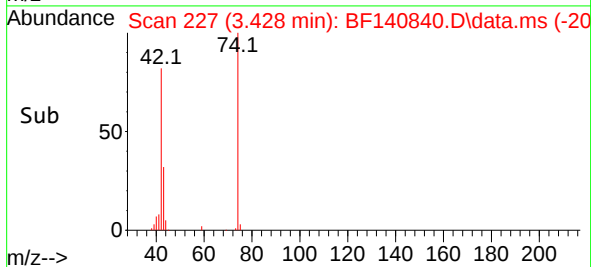
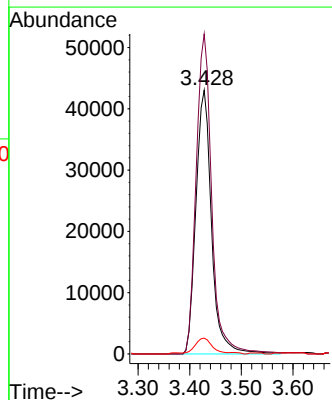
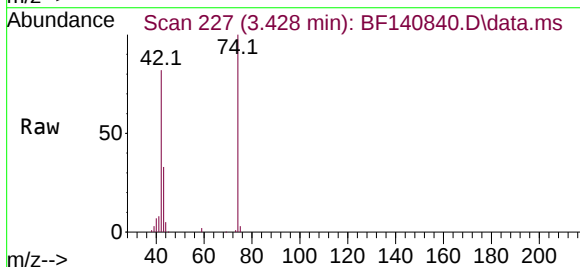
Tgt Ion: 42 Resp: 90469

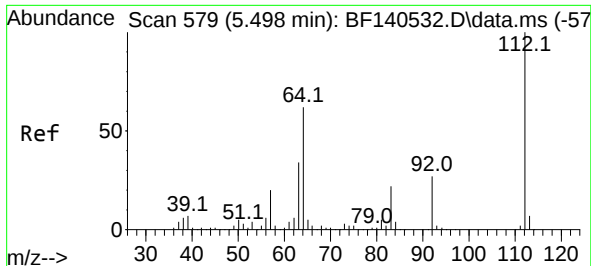
Ion Ratio Lower Upper

42 100

74 121.3 93.8 140.6

44 6.0 4.6 6.8

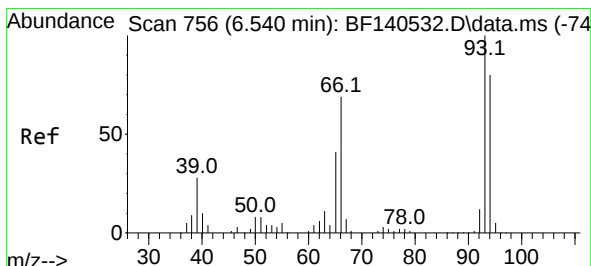
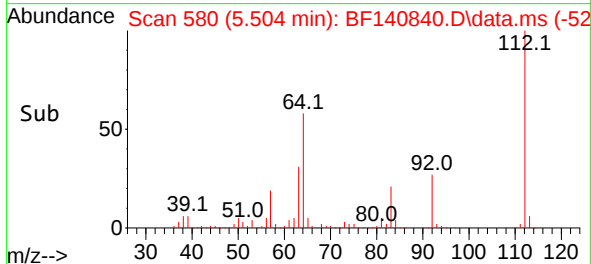
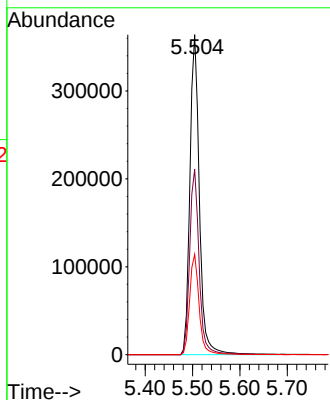
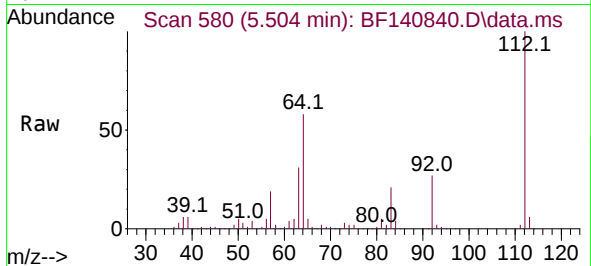




#5
2-Fluorophenol
Concen: 144.675 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

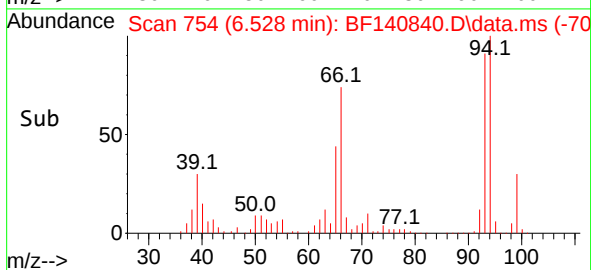
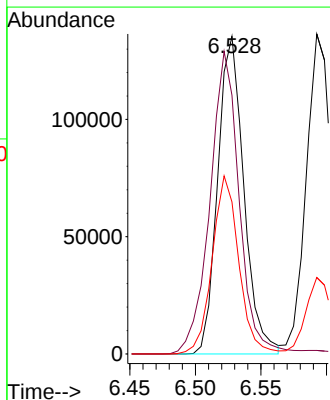
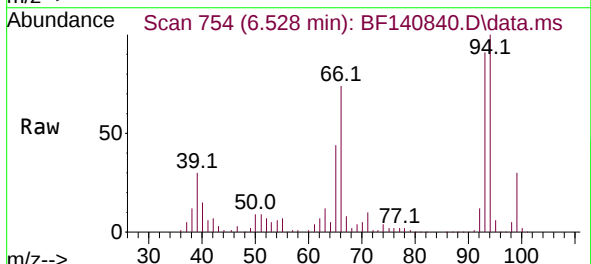
Instrument :
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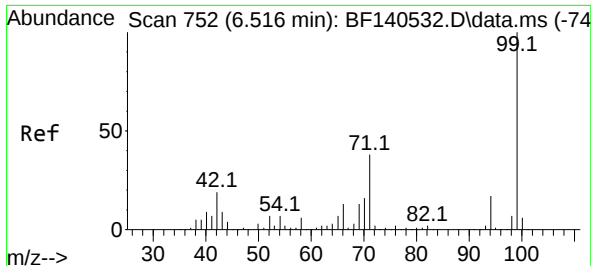
Tgt Ion:112 Resp: 509124
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.4 27.0 40.4



#6
Aniline
Concen: 57.305 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 93 Resp: 187649
Ion Ratio Lower Upper
93 100
66 81.5 56.5 84.7
65 47.9 32.9 49.3

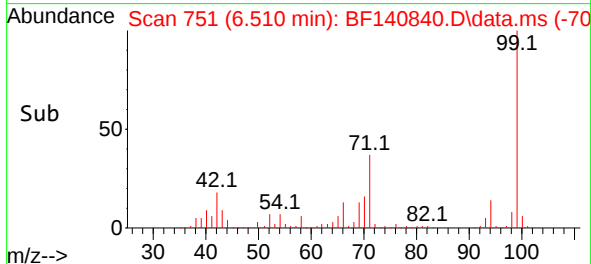
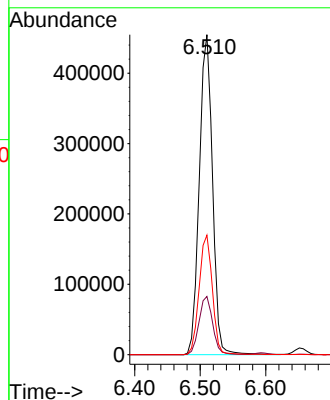
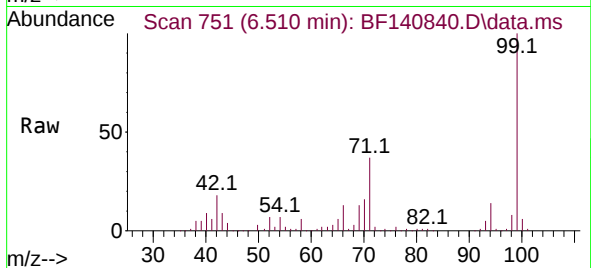




#7
Phenol-d6
Concen: 137.337 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

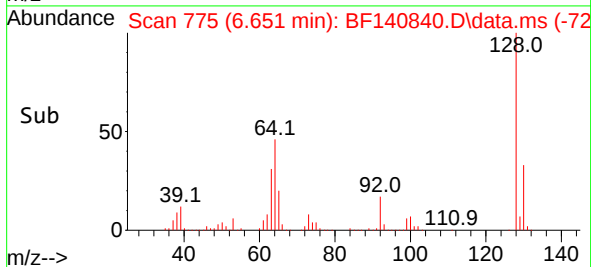
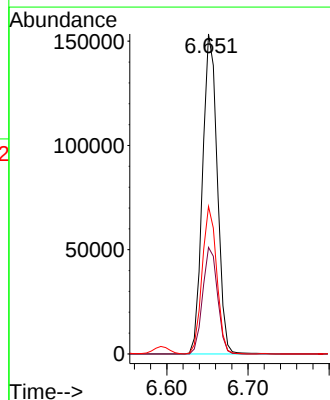
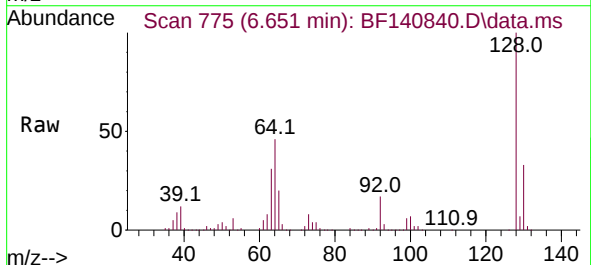
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ClientSampleId :
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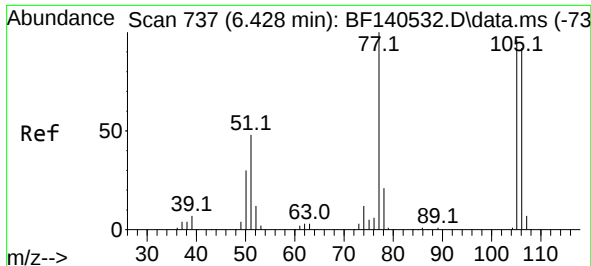
Tgt Ion: 99 Resp: 638933
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.4 30.6 46.0



#8
2-Chlorophenol
Concen: 51.106 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 128 Resp: 193486
Ion Ratio Lower Upper
128 100
130 33.3 12.3 52.3
64 46.1 30.2 70.2

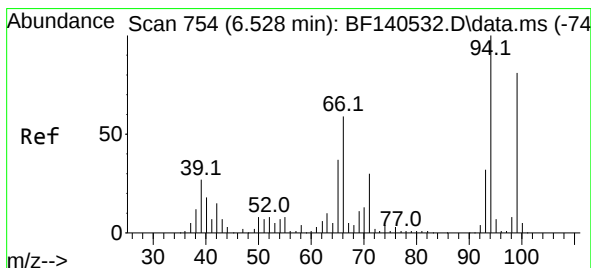
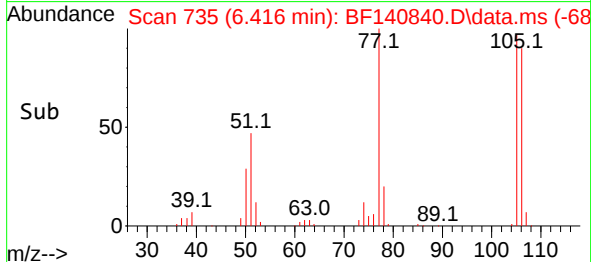
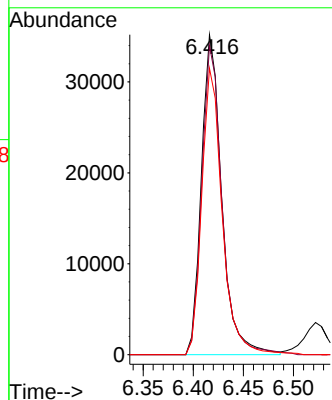
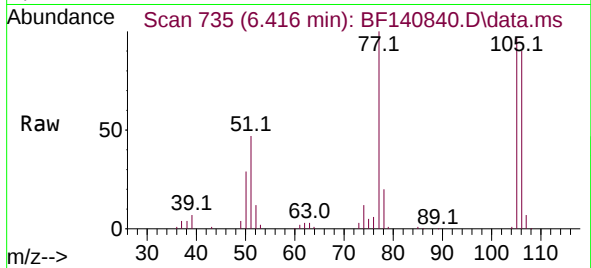




#9
Benzaldehyde
Concen: 20.209 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

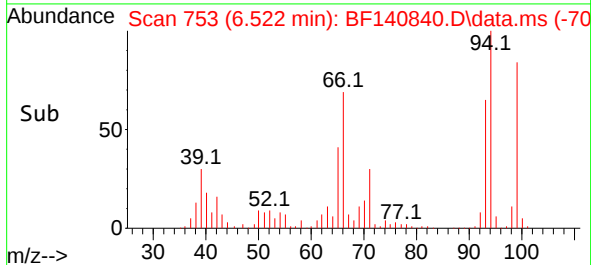
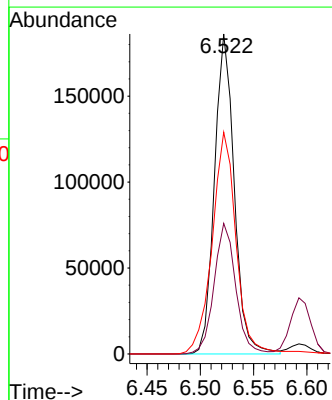
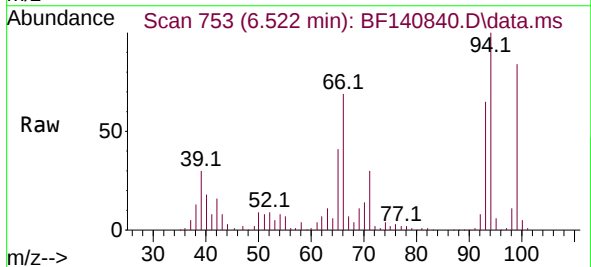
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion: 77 Resp: 49771
Ion Ratio Lower Upper
77 100
105 96.6 75.6 115.6
106 89.5 72.0 112.0



#10
Phenol
Concen: 50.553 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 94 Resp: 240185
Ion Ratio Lower Upper
94 100
65 40.8 17.2 57.2
66 69.3 39.2 79.2

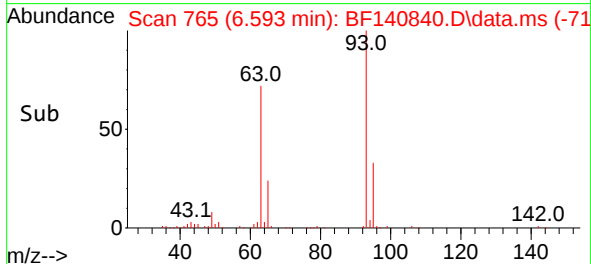
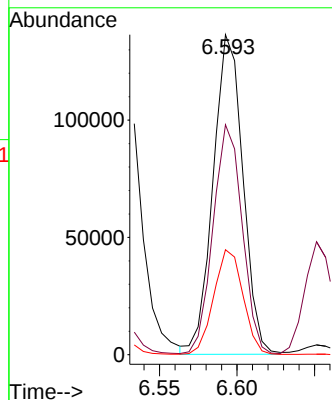
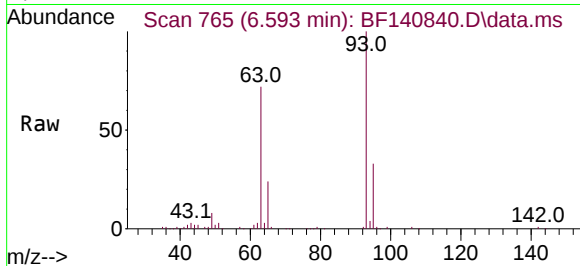




#11
bis(2-Chloroethyl)ether
Concen: 50.185 ng
RT: 6.593 min Scan# 70
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

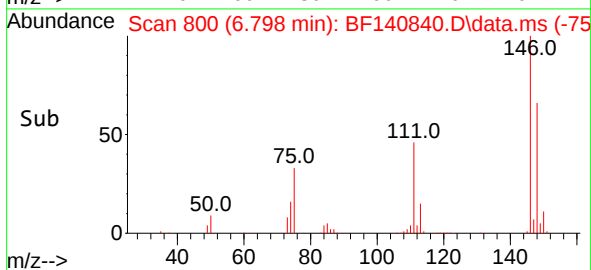
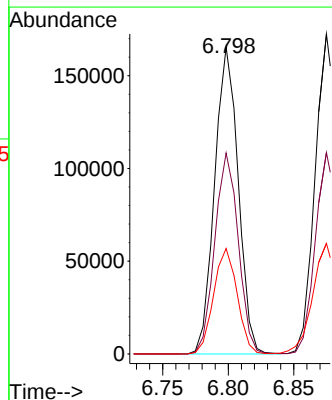
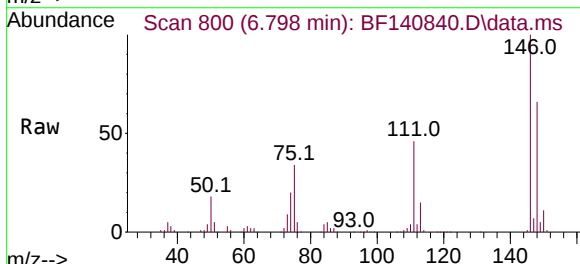
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion: 93 Resp: 182459
Ion Ratio Lower Upper
93 100
63 71.9 52.8 92.8
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.572 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:146 Resp: 206632
Ion Ratio Lower Upper
146 100
148 65.5 51.3 76.9
75 34.4 28.2 42.2

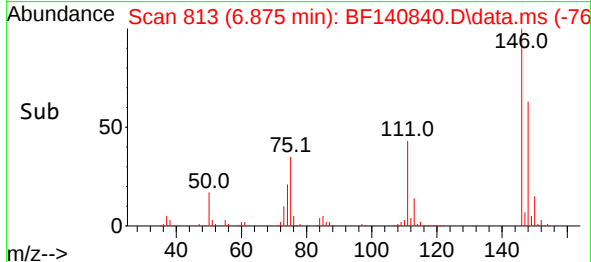
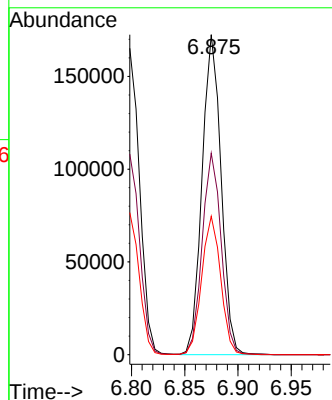
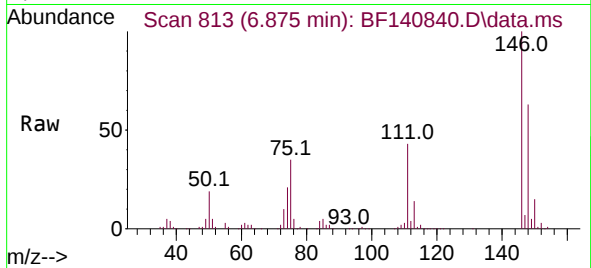




#13
1,4-Dichlorobenzene
Concen: 49.882 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

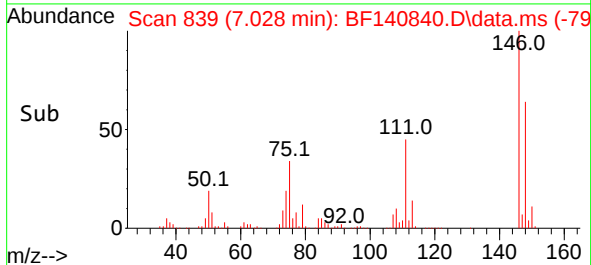
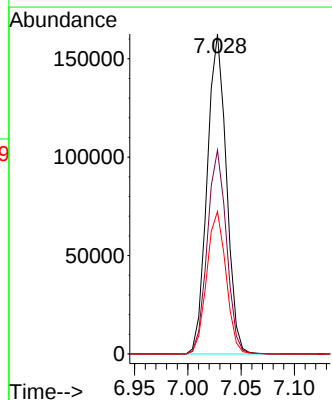
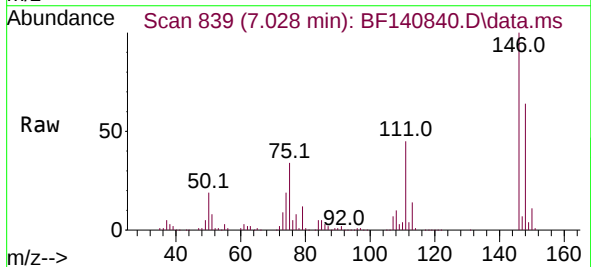
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:146 Resp: 214865
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 50.579 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:146 Resp: 204151
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 44.5 36.7 55.1

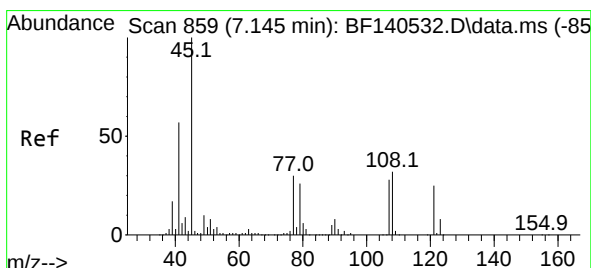
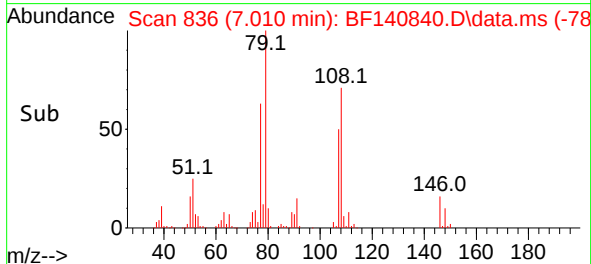
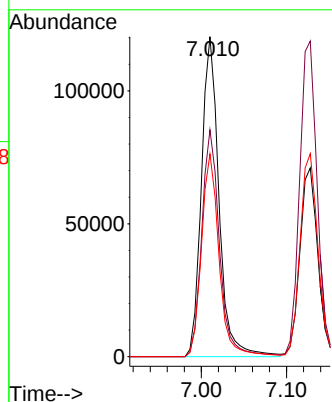
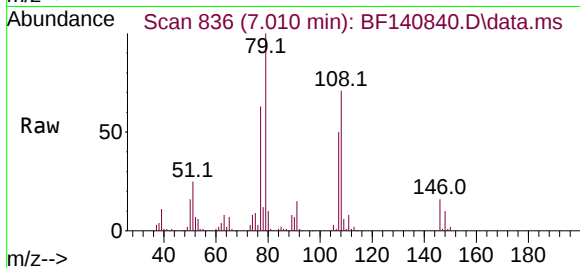




#15
Benzyl Alcohol
Concen: 50.073 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

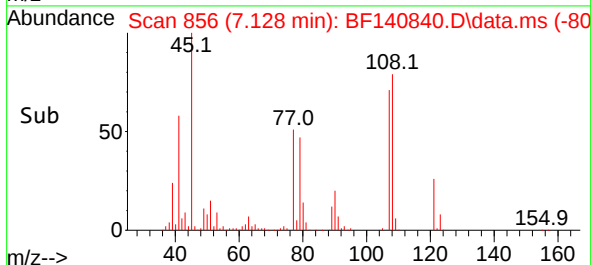
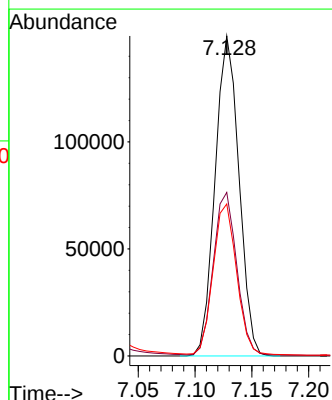
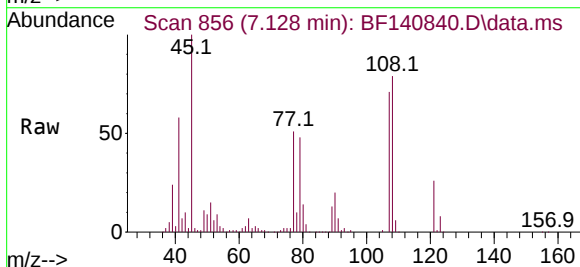
Instrument :
BNA_F
ClientSampleId :
PB165543BS

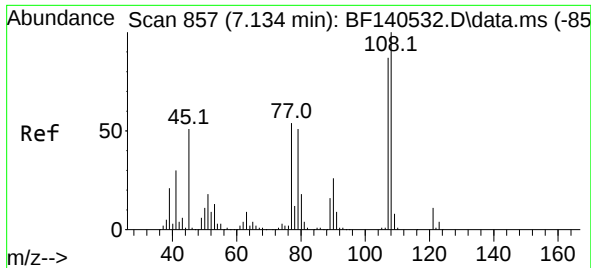
Tgt Ion: 79 Resp: 172757
Ion Ratio Lower Upper
79 100
108 70.9 55.0 82.6
77 63.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.890 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 45 Resp: 218583
Ion Ratio Lower Upper
45 100
77 51.1 10.7 50.7#
79 47.5 7.0 47.0#



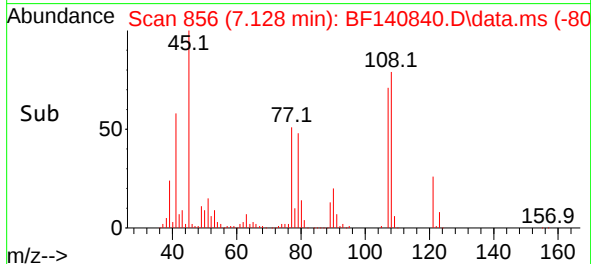
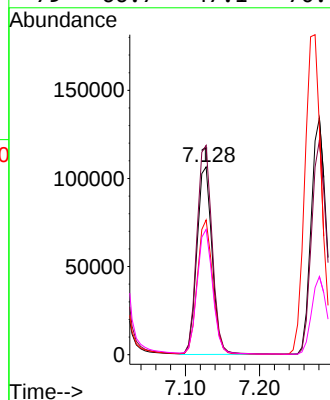
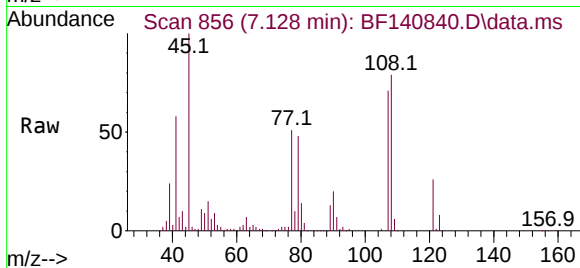


#17
2-Methylphenol
Concen: 50.126 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:107 Resp: 151915

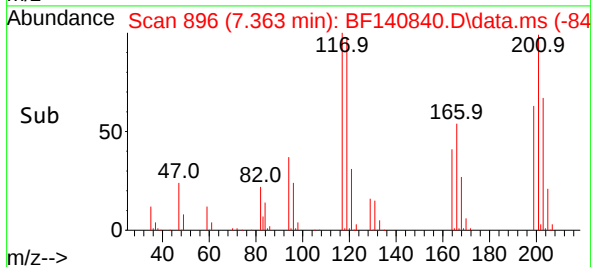
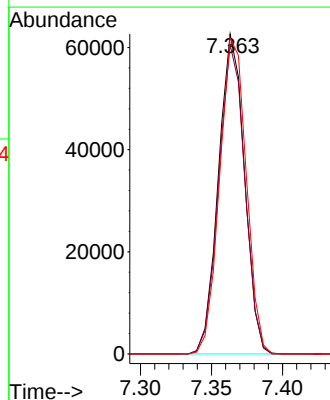
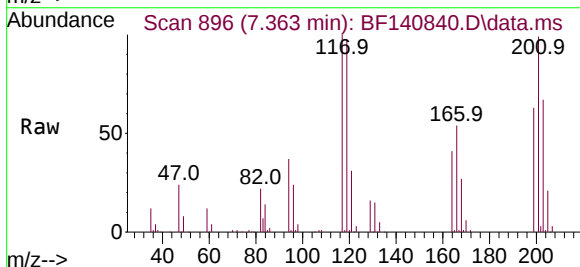
Ion	Ratio	Lower	Upper
107	100		
108	111.5	91.7	137.5
77	71.7	49.3	73.9
79	66.7	47.1	70.7



#18
Hexachloroethane
Concen: 49.405 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.023 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:117 Resp: 79482

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.1	115.7
201	98.8	81.1	121.7



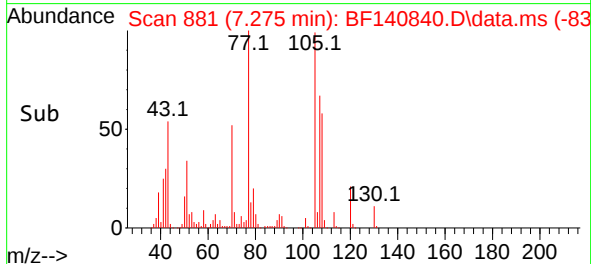
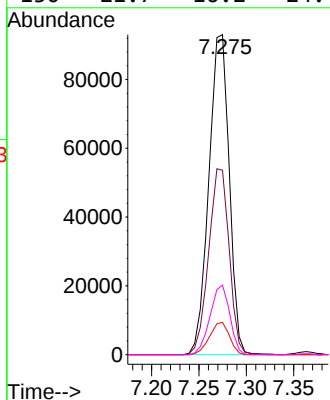
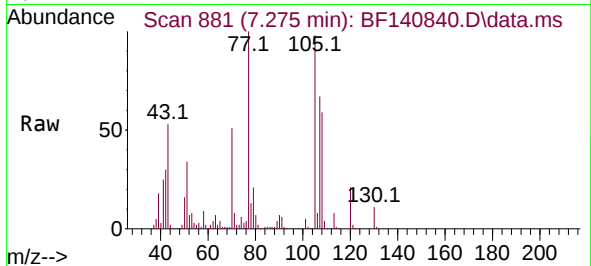


#19
n-Nitroso-di-n-propylamine
Concen: 50.681 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion: 70 Resp: 139347

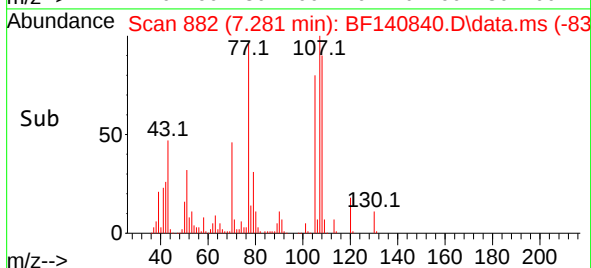
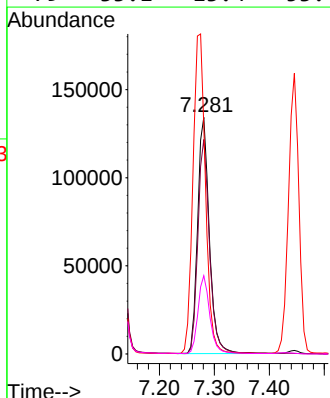
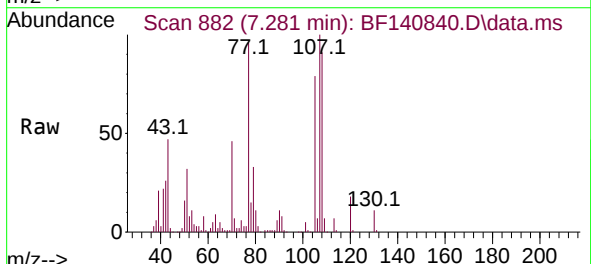
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.6	71.4
101	10.1	7.6	11.4
130	21.7	16.2	24.4



#20
3+4-Methylphenols
Concen: 51.091 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 107 Resp: 199022

Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.9	109.9
77	96.4	117.7	157.7#
79	33.1	13.4	53.4



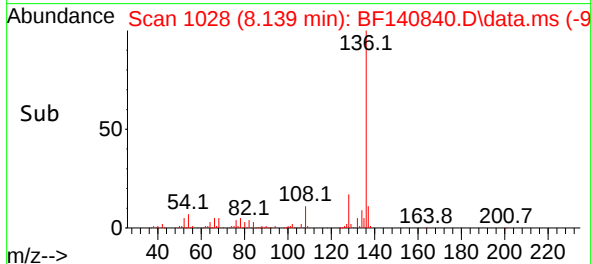
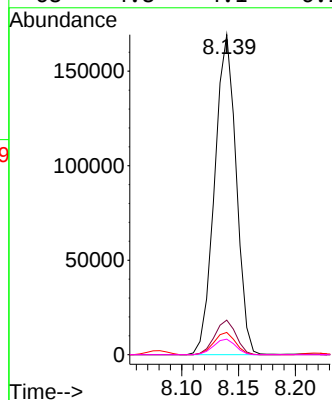
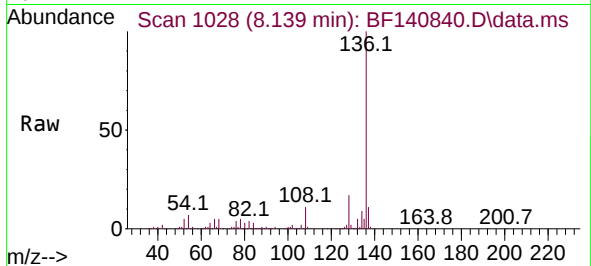


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:136 Resp: 223506

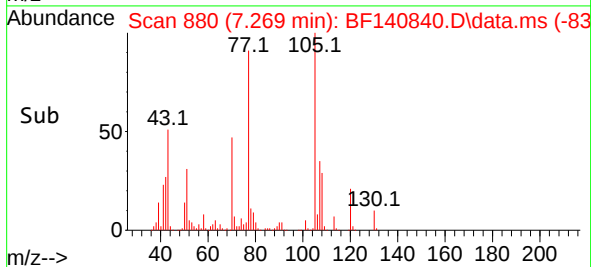
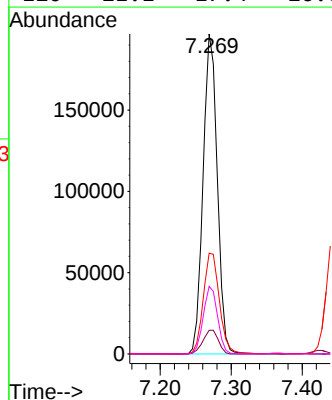
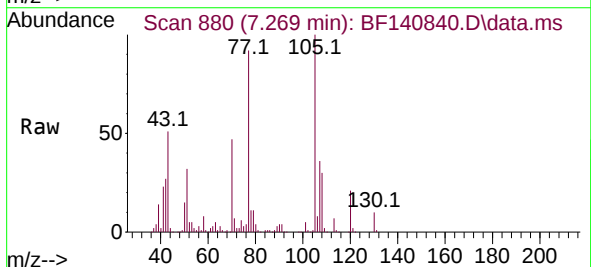
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	5.8	8.8
68	4.8	4.1	6.1



#22
Acetophenone
Concen: 50.302 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:105 Resp: 274096

Ion	Ratio	Lower	Upper
105	100		
71	7.4	6.2	9.2
51	31.5	29.0	43.6
120	21.1	17.4	26.0

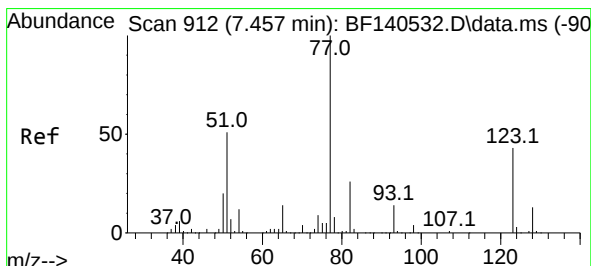
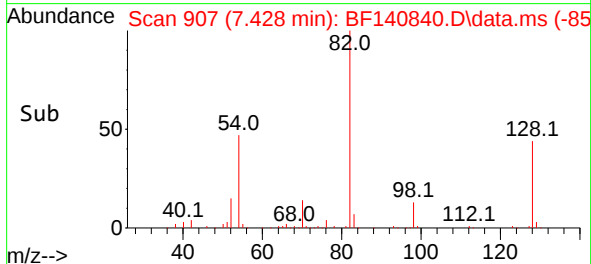
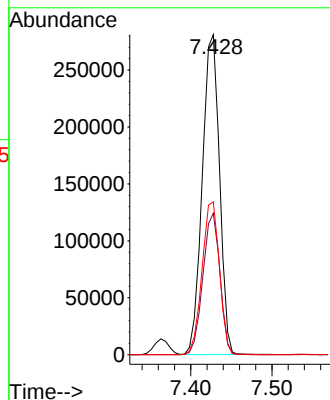
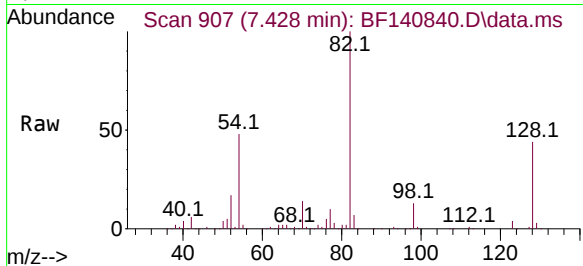




#23
 Nitrobenzene-d5
 Concen: 94.667 ng
 RT: 7.428 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF140840.D
 Acq: 13 Dec 2024 13:13

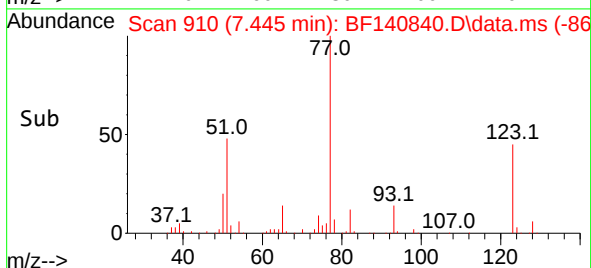
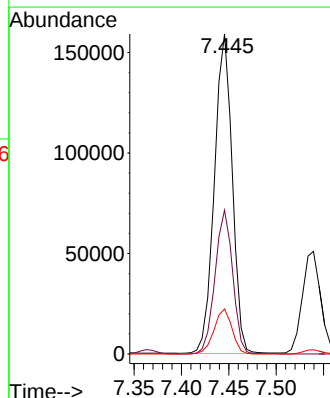
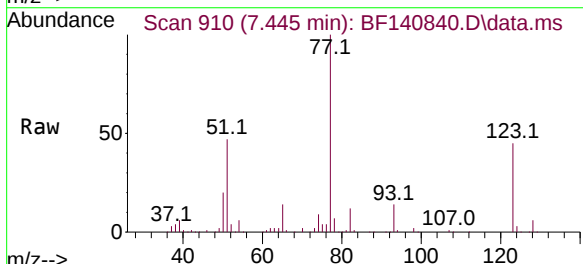
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

Tgt Ion: 82 Resp: 413657
 Ion Ratio Lower Upper
 82 100
 128 44.2 33.0 49.4
 54 47.8 39.5 59.3



#24
 Nitrobenzene
 Concen: 46.356 ng
 RT: 7.445 min Scan# 910
 Delta R.T. -0.012 min
 Lab File: BF140840.D
 Acq: 13 Dec 2024 13:13

Tgt Ion: 77 Resp: 209347
 Ion Ratio Lower Upper
 77 100
 123 44.9 34.3 51.5
 65 14.1 11.2 16.8

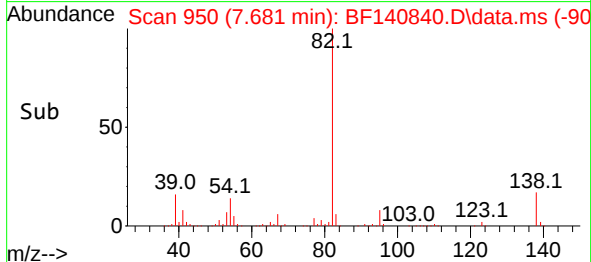
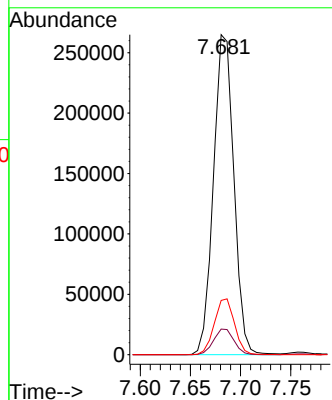
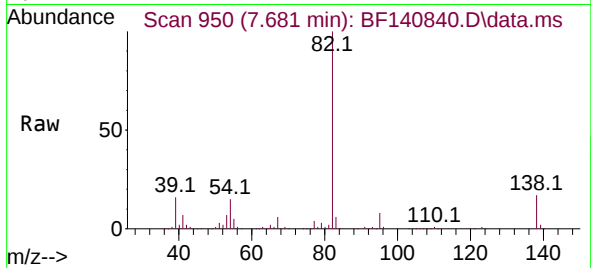




#25
Isophorone
Concen: 51.465 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

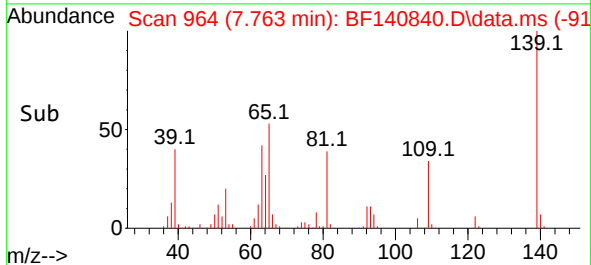
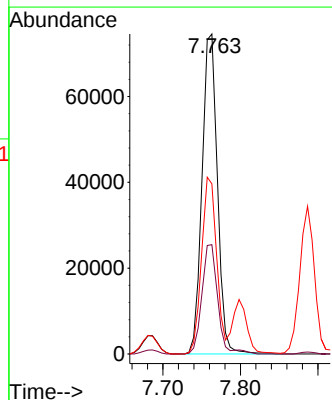
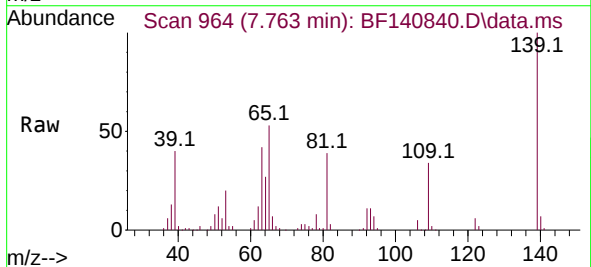
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion: 82 Resp: 375087
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 17.0 13.8 20.6



#26
2-Nitrophenol
Concen: 51.382 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:139 Resp: 102832
Ion Ratio Lower Upper
139 100
109 34.1 28.0 42.0
65 53.2 44.6 67.0

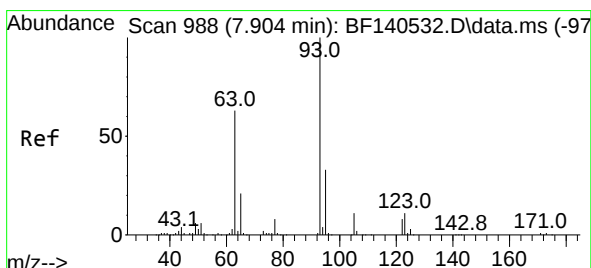
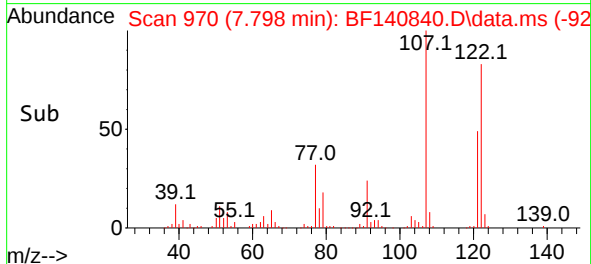
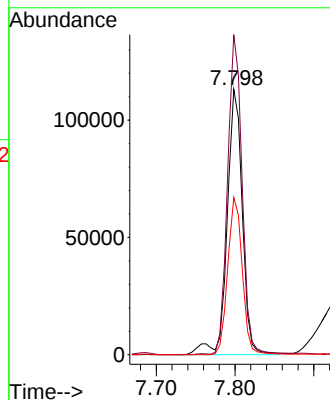
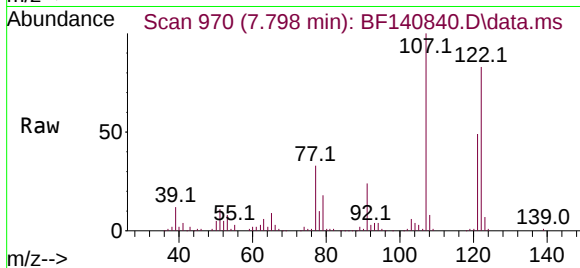




#27
2,4-Dimethylphenol
Concen: 63.364 ng m
RT: 7.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

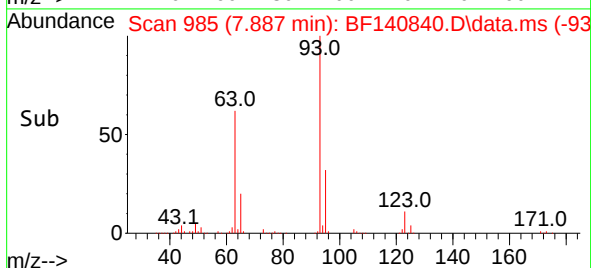
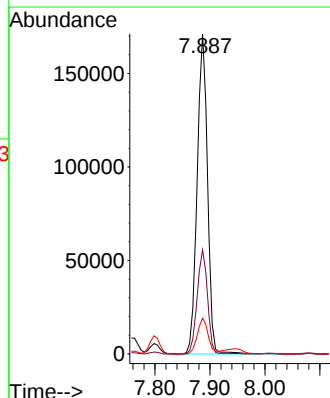
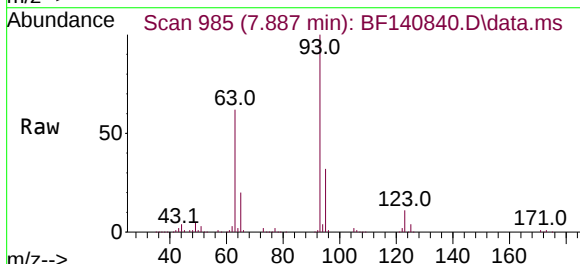
Instrument :
BNA_F
ClientSampleId :
PB165543BS

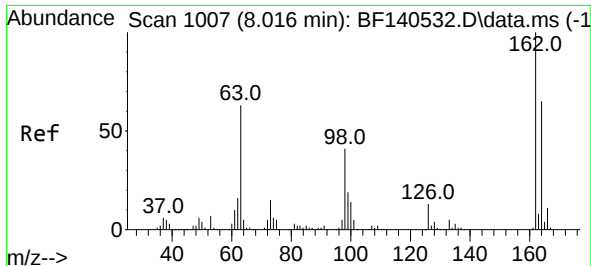
Tgt Ion:122 Resp: 151730
Ion Ratio Lower Upper
122 100
107 120.6 96.8 145.2
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 50.466 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 93 Resp: 224069
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.986 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

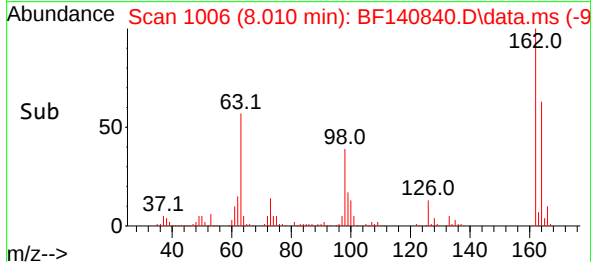
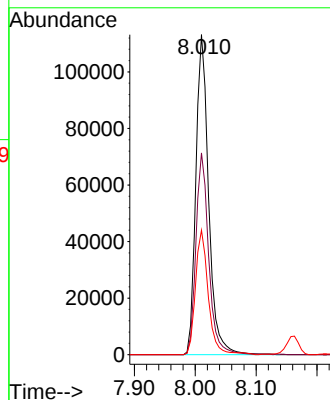
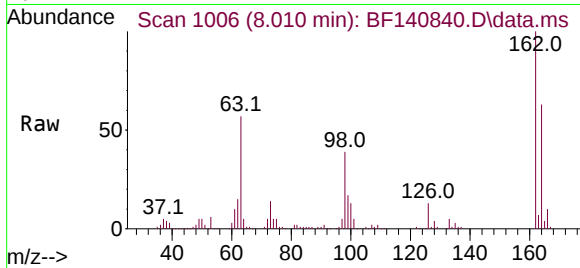
Tgt Ion:162 Resp: 164951

Ion Ratio Lower Upper

162 100

164 63.0 44.8 84.8

98 38.9 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.401 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

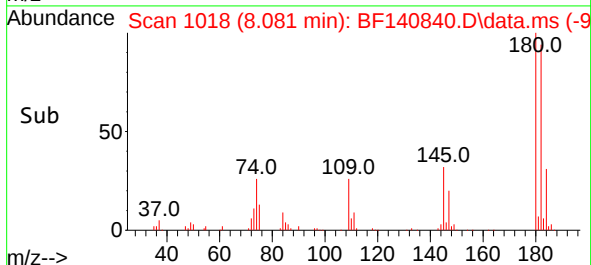
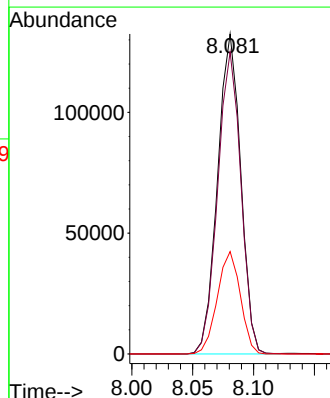
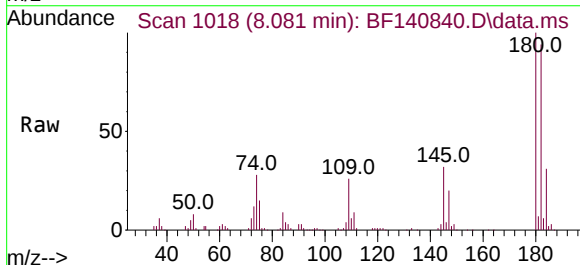
Tgt Ion:180 Resp: 175347

Ion Ratio Lower Upper

180 100

182 94.3 76.4 114.6

145 32.0 25.9 38.9

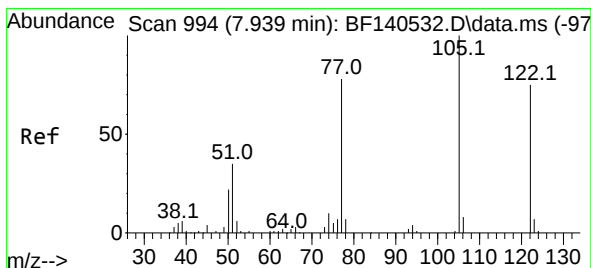
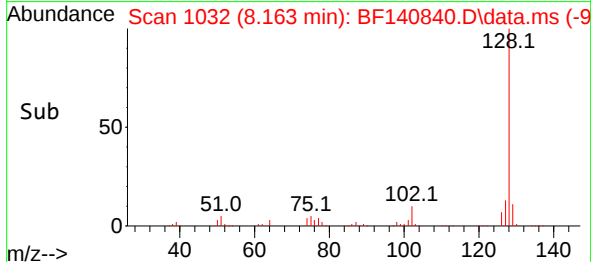
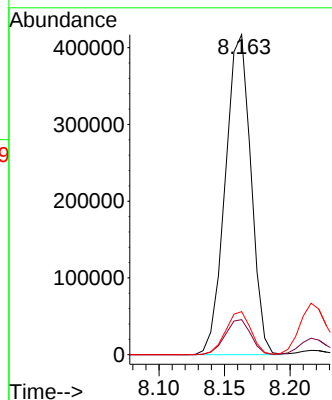
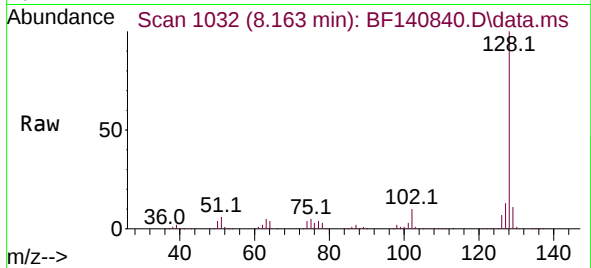




#31
Naphthalene
Concen: 49.223 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

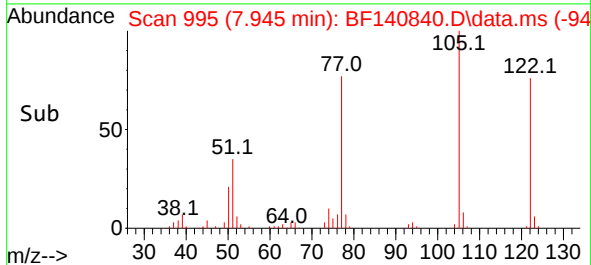
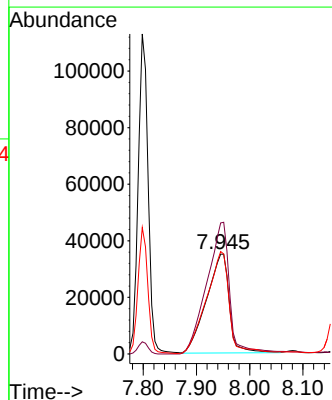
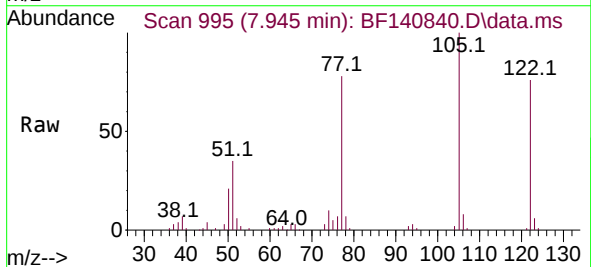
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:128 Resp: 566685
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 49.692 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:122 Resp: 104170
Ion Ratio Lower Upper
122 100
105 131.3 109.3 149.3
77 102.5 82.3 122.3

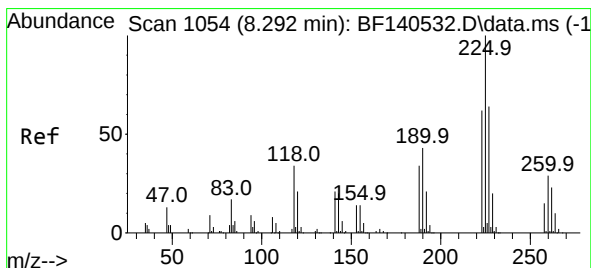
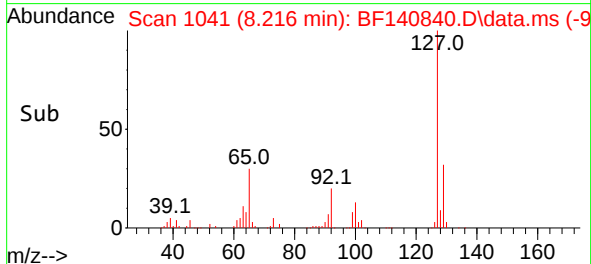
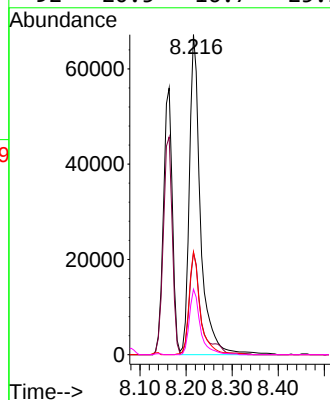
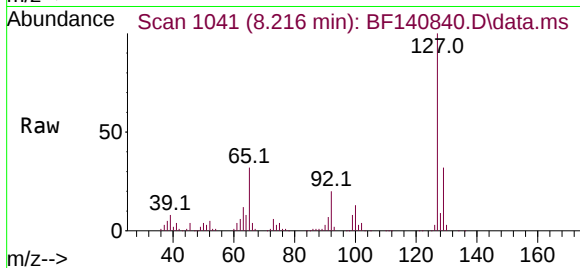




#33
4-Chloroaniline
Concen: 32.886 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

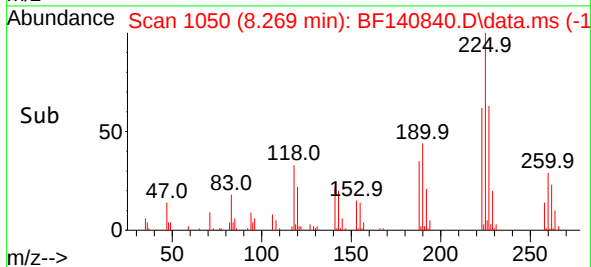
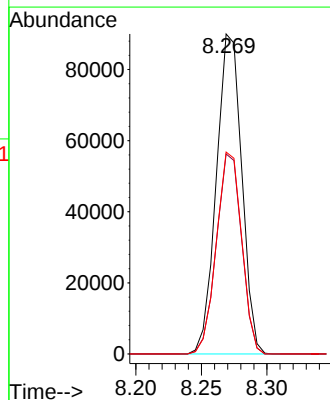
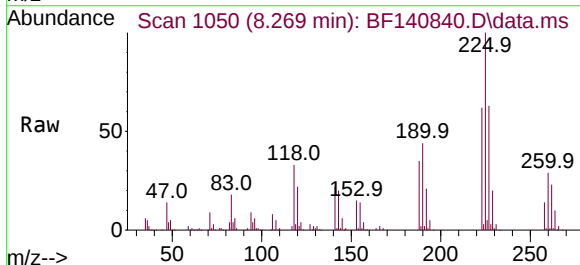
Instrument :
BNA_F
ClientSampleId :
PB165543BS

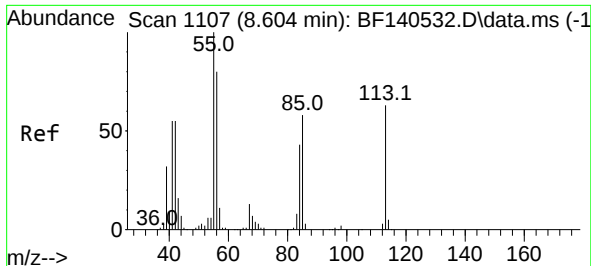
Tgt	Ion:127	Resp:	113354
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.0	39.0
65	32.1	26.0	39.0
92	20.5	16.7	25.1



#34
Hexachlorobutadiene
Concen: 50.479 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.023 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:225	Resp: 121128		
Ion Ratio	Lower	Upper	
225 100			
223 62.5	49.8	74.8	
227 63.1	51.3	76.9	

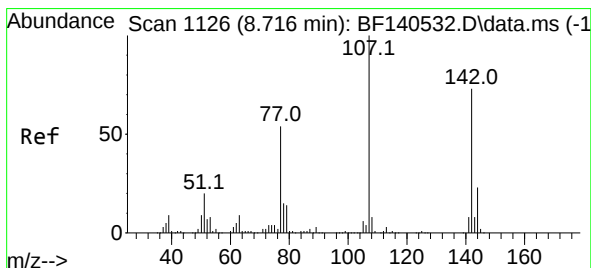
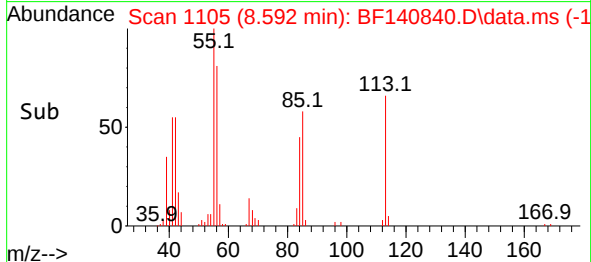
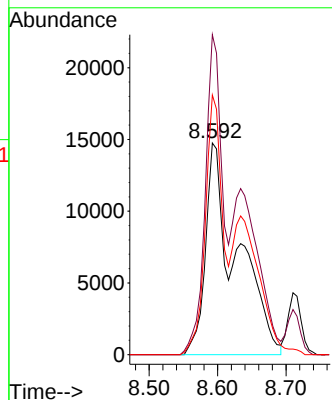
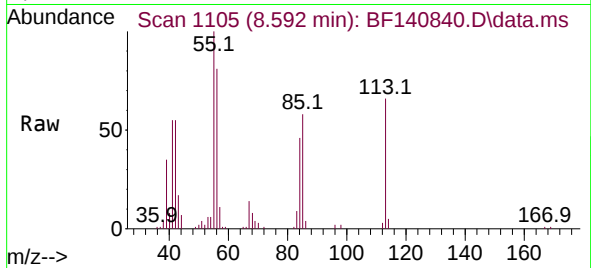




#35
 Caprolactam
 Concen: 47.425 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF140840.D
 Acq: 13 Dec 2024 13:13

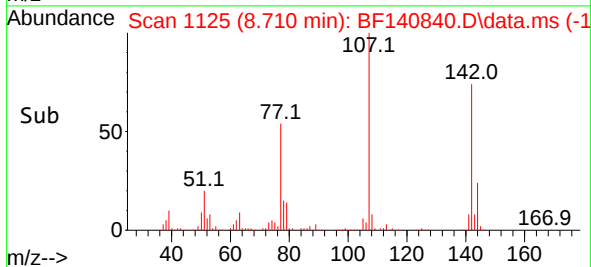
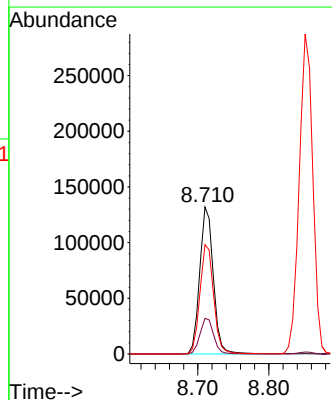
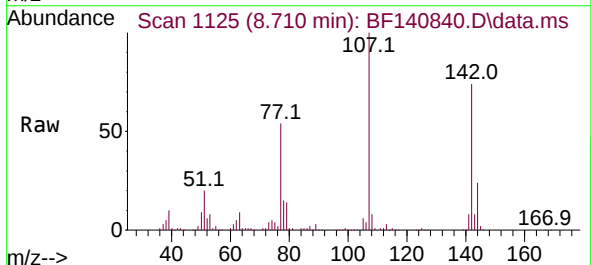
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

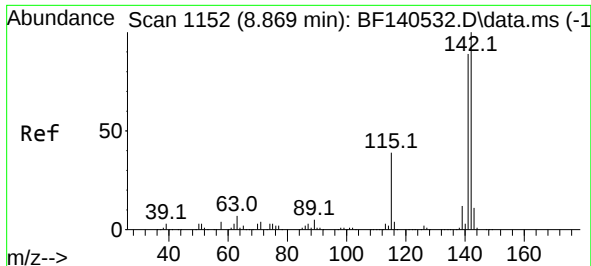
Tgt Ion:113 Resp: 46568
 Ion Ratio Lower Upper
 113 100
 55 151.2 137.7 177.7
 56 122.7 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.779 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: BF140840.D
 Acq: 13 Dec 2024 13:13

Tgt Ion:107 Resp: 176841
 Ion Ratio Lower Upper
 107 100
 144 24.2 18.7 28.1
 142 74.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 51.780 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

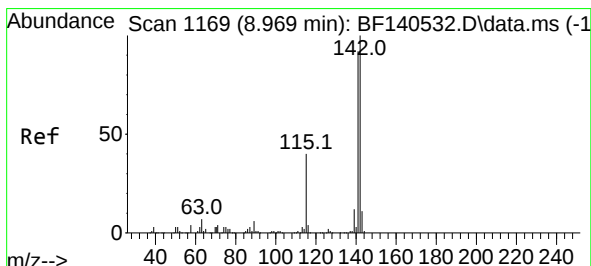
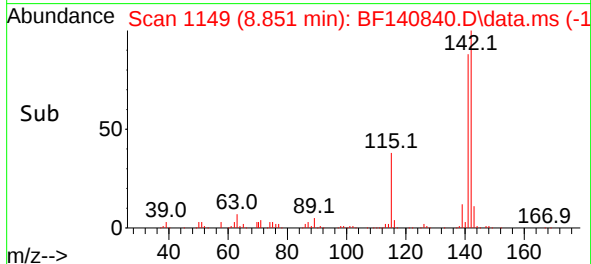
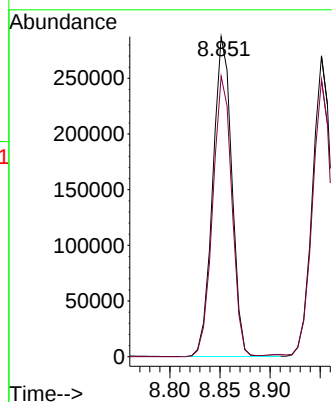
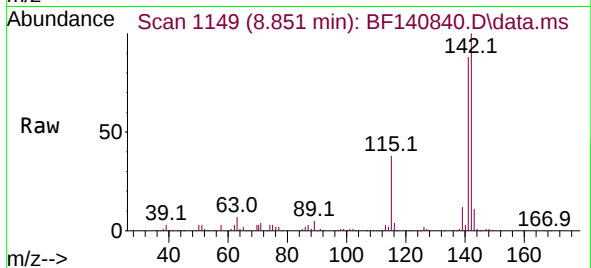
PB165543BS

Tgt Ion:142 Resp: 378632

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 48.550 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BF140840.D

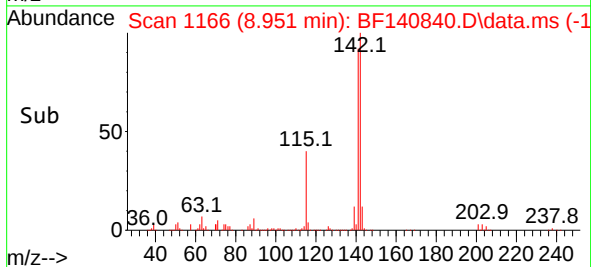
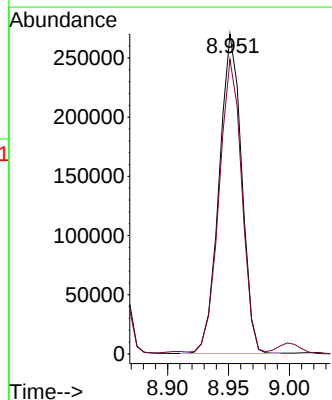
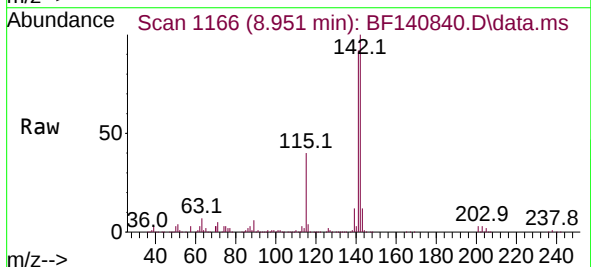
Acq: 13 Dec 2024 13:13

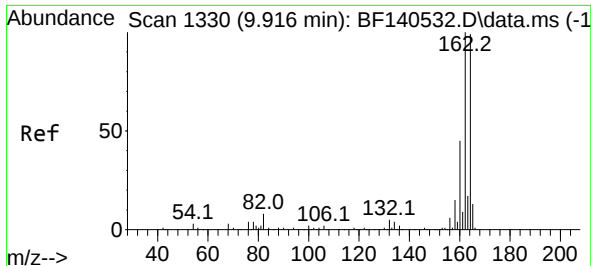
Tgt Ion:142 Resp: 347981

Ion Ratio Lower Upper

142 100

141 92.1 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: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

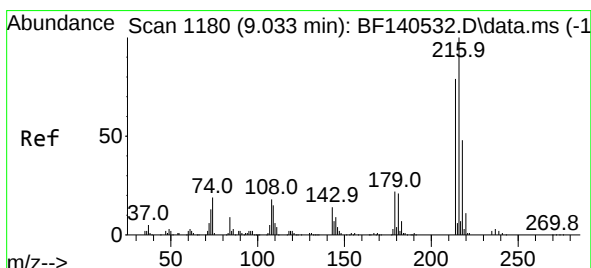
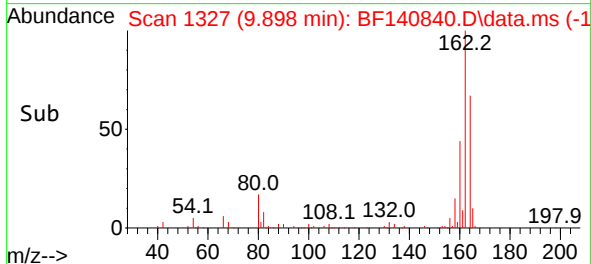
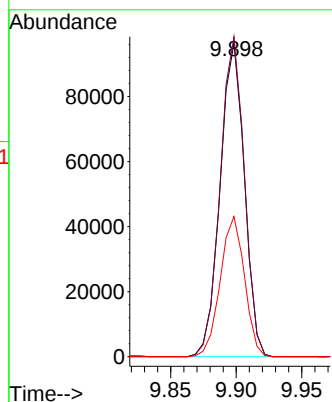
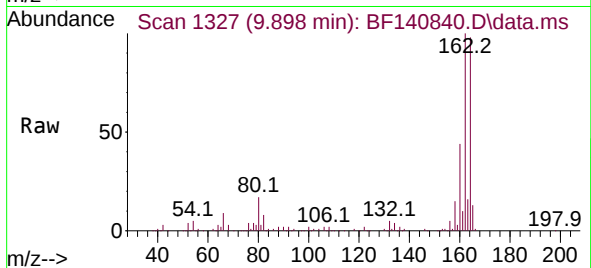
Tgt Ion:164 Resp: 123716

Ion Ratio Lower Upper

164 100

162 102.1 80.6 120.8

160 44.7 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.703 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Tgt Ion:216 Resp: 190879

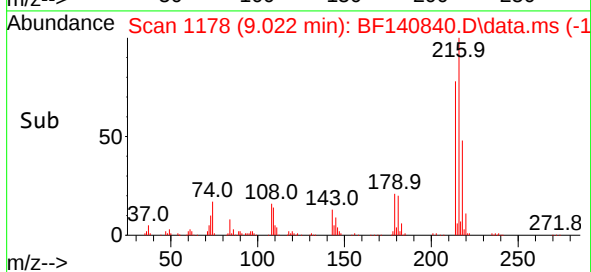
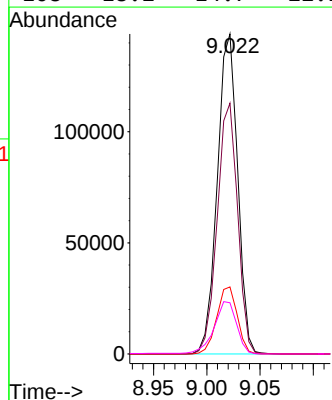
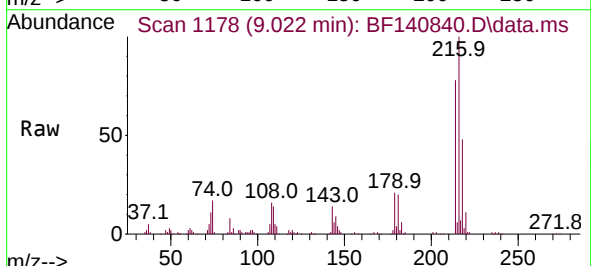
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.4

179 21.1 17.5 26.3

108 18.2 14.7 22.1

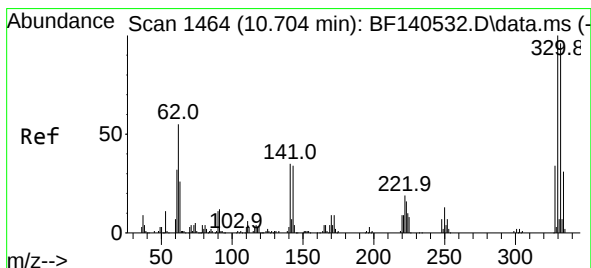
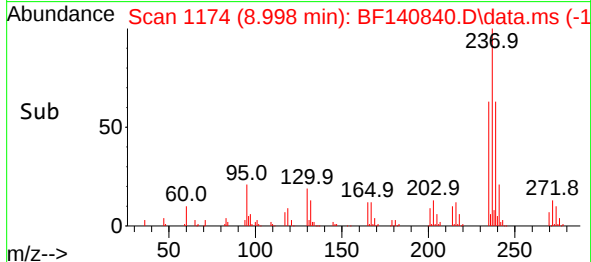
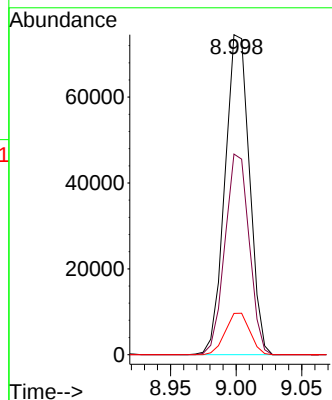
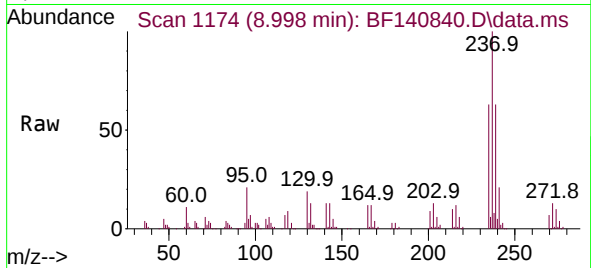




#41
Hexachlorocyclopentadiene
Concen: 115.469 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

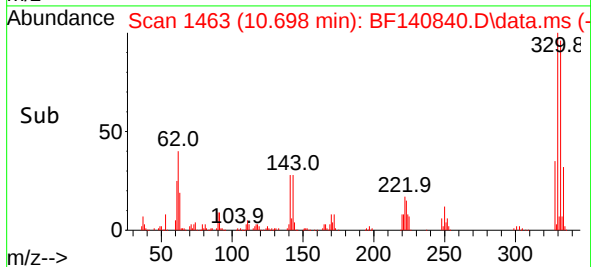
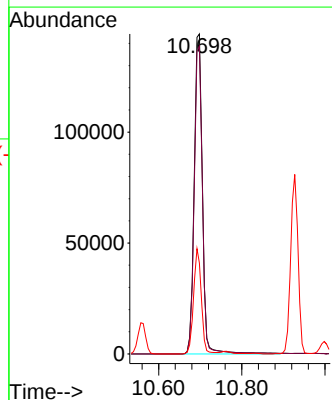
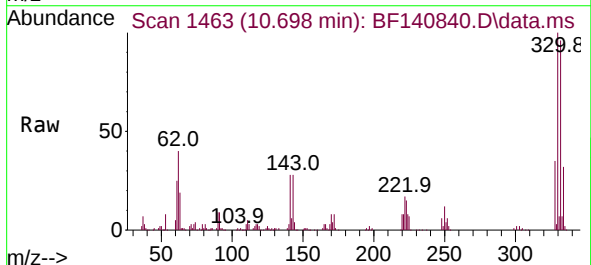
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:237 Resp: 96899
Ion Ratio Lower Upper
237 100
235 62.7 41.1 81.1
272 12.9 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 150.502 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:330 Resp: 199137
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 30.9 26.7 40.1

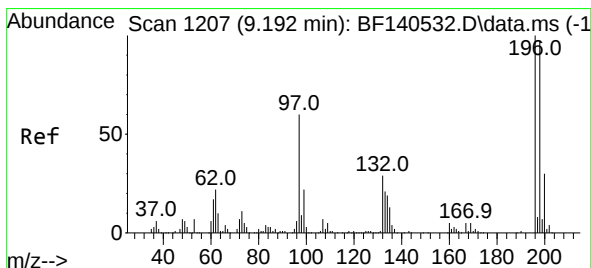
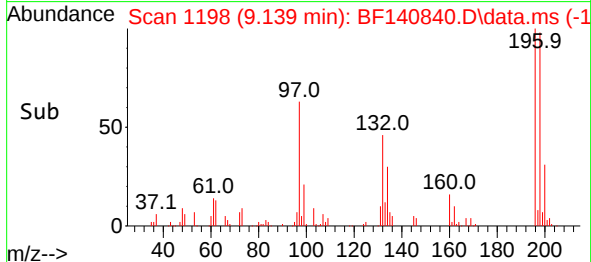
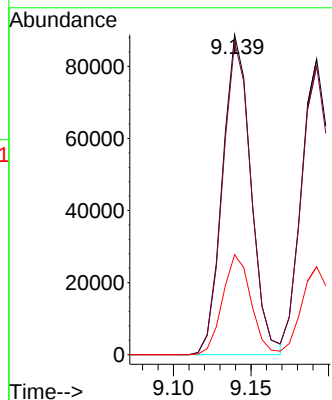
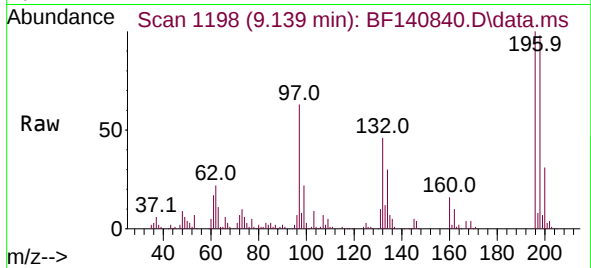




#43
2,4,6-Trichlorophenol
Concen: 49.796 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

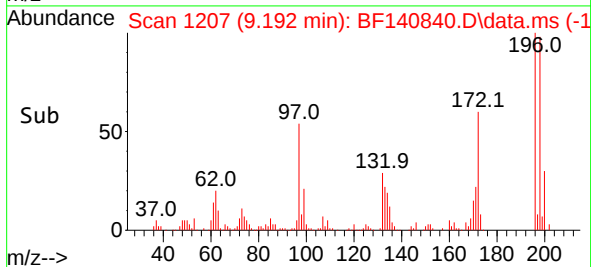
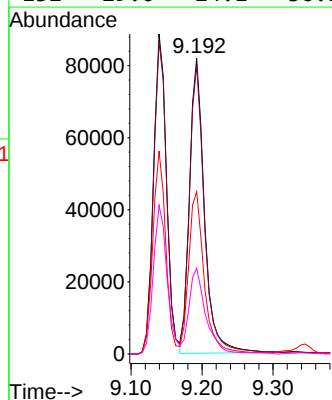
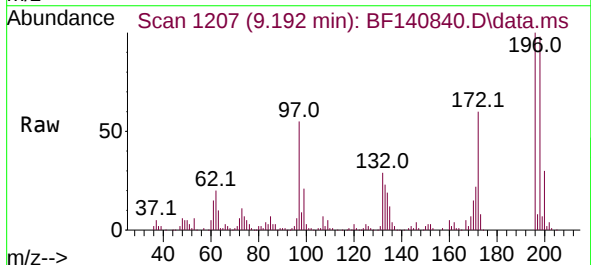
Instrument :
BNA_F
ClientSampleId :
PB165543BS

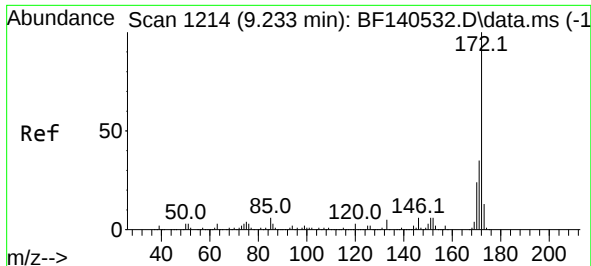
Tgt Ion:196 Resp: 113169
Ion Ratio Lower Upper
196 100
198 97.8 76.8 115.2
200 31.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 48.615 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:196 Resp: 119907
Ion Ratio Lower Upper
196 100
198 97.6 77.2 115.8
97 54.9 47.1 70.7
132 29.0 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 101.402 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

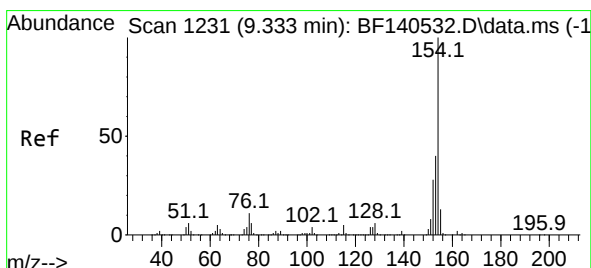
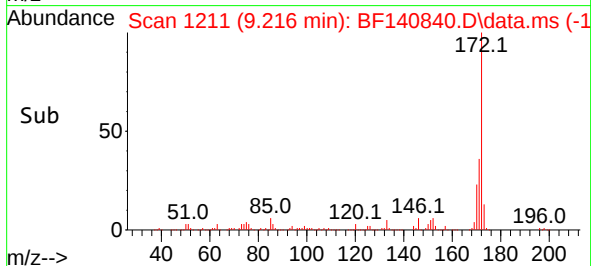
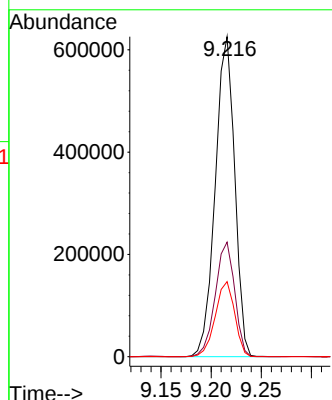
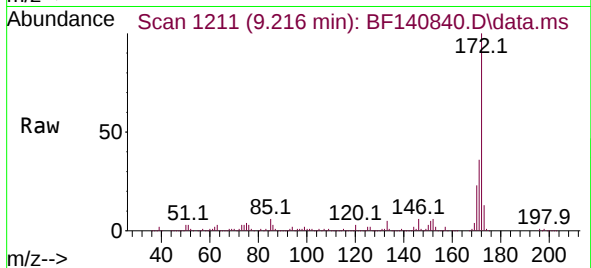
Tgt Ion:172 Resp: 841983

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 50.888 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

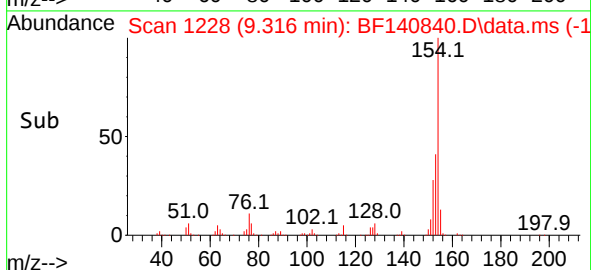
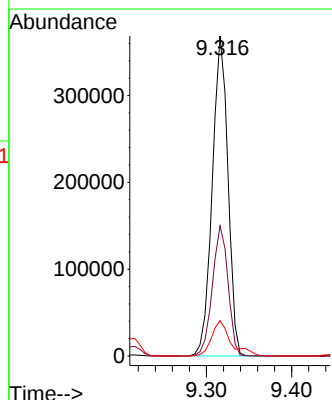
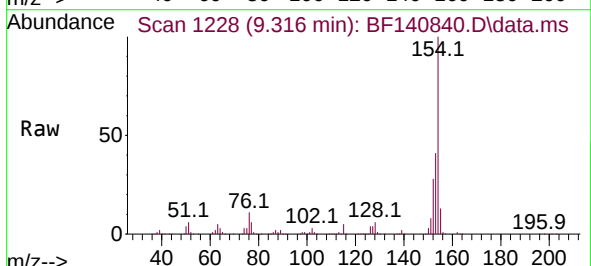
Tgt Ion:154 Resp: 470038

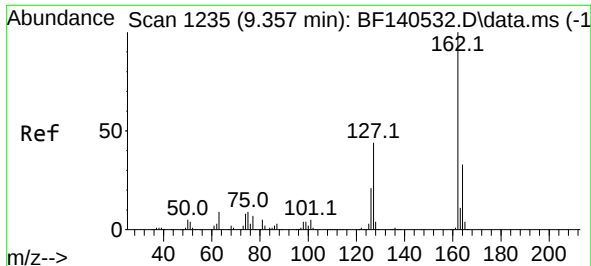
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 11.1 0.0 31.2

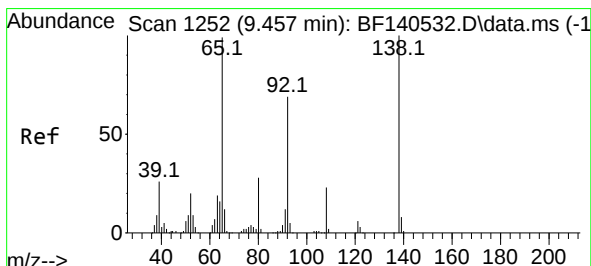
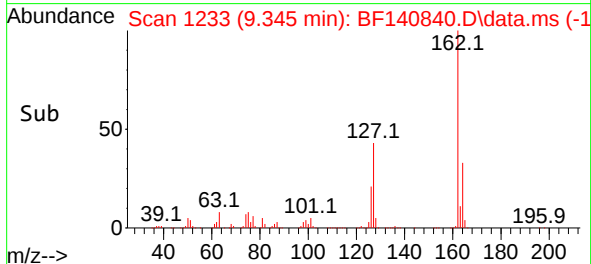
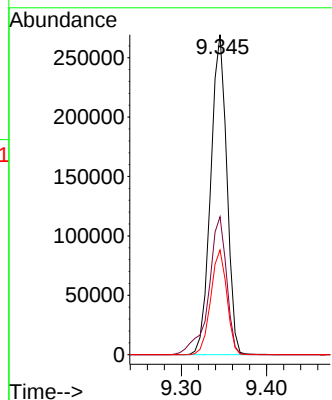
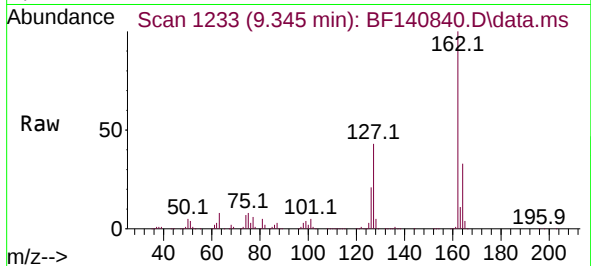




#47
2-Chloronaphthalene
Concen: 50.556 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

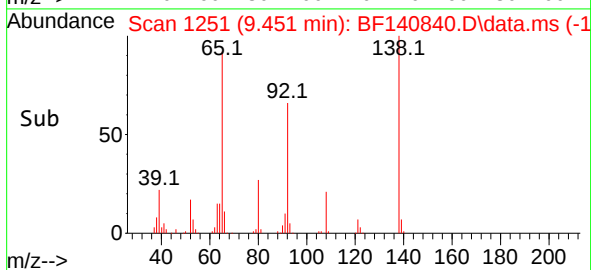
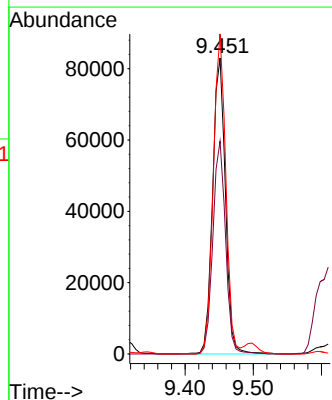
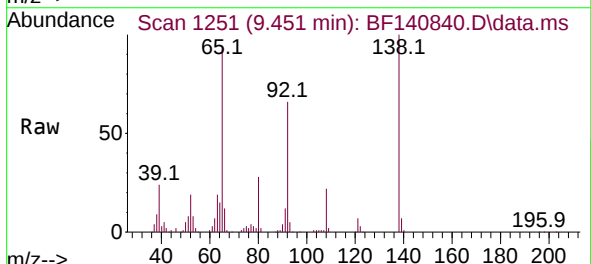
Instrument :
BNA_F
ClientSampleId :
PB165543BS

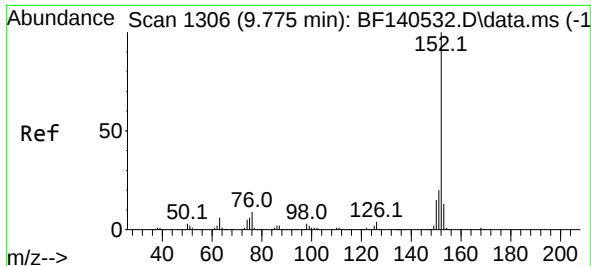
Tgt Ion:162 Resp: 353838
Ion Ratio Lower Upper
162 100
127 43.1 35.7 53.5
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 48.337 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion: 65 Resp: 108589
Ion Ratio Lower Upper
65 100
92 71.9 56.1 84.1
138 108.1 81.0 121.6





#49

Acenaphthylene

Concen: 54.078 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

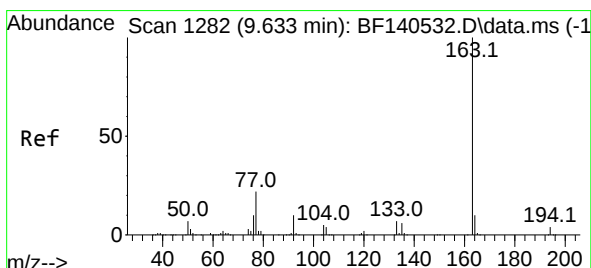
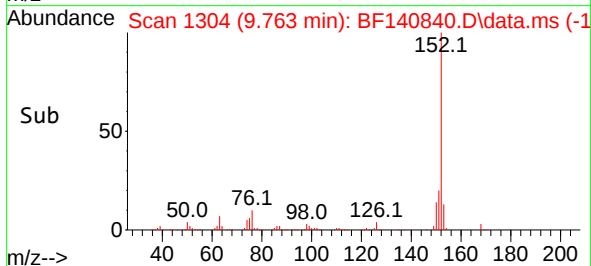
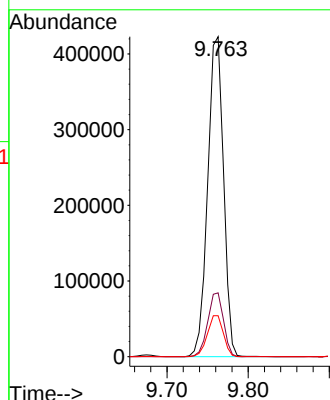
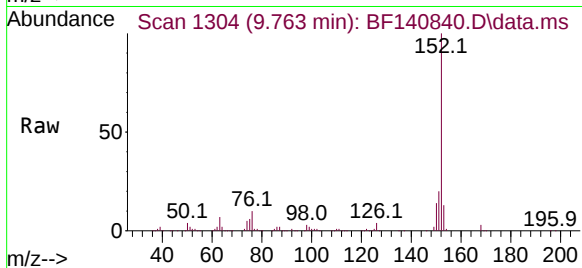
Tgt Ion:152 Resp: 571864

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 12.8 10.6 16.0



#50

Dimethylphthalate

Concen: 51.958 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

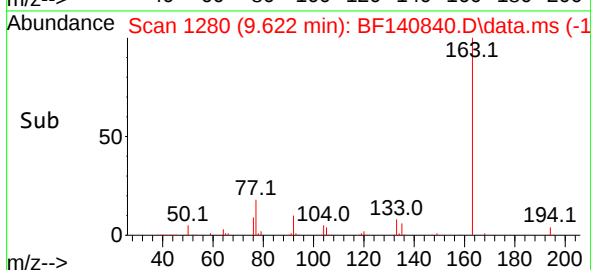
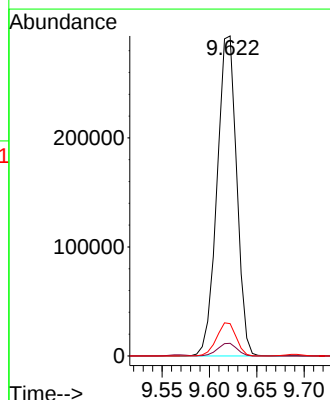
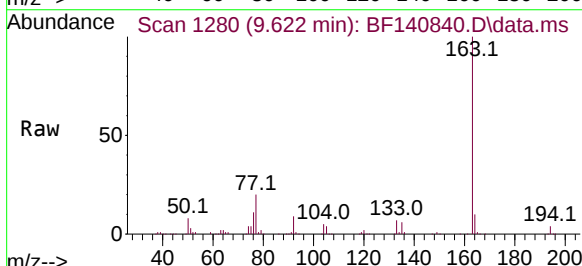
Tgt Ion:163 Resp: 423349

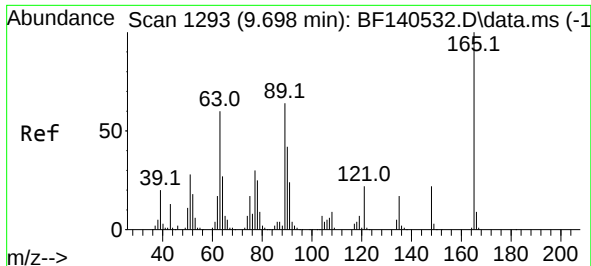
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 48.368 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

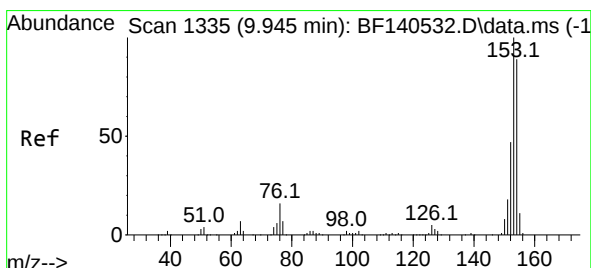
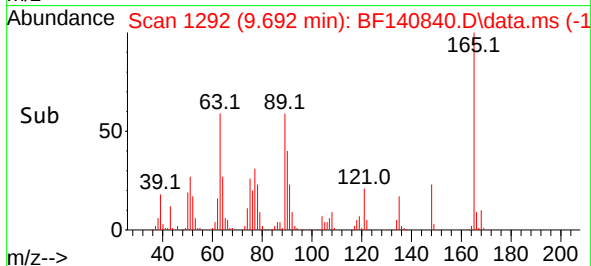
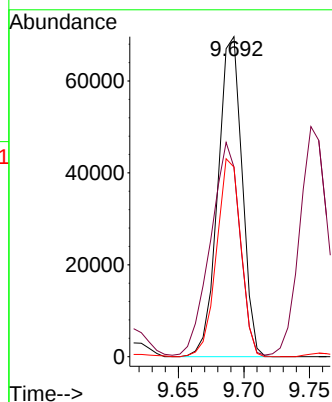
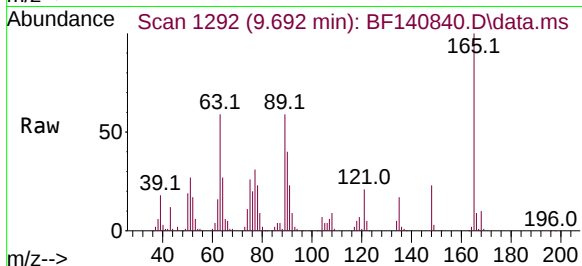
Tgt Ion:165 Resp: 89378

Ion Ratio Lower Upper

165 100

63 59.3 49.9 74.9

89 59.3 50.9 76.3



#52

Acenaphthene

Concen: 51.485 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

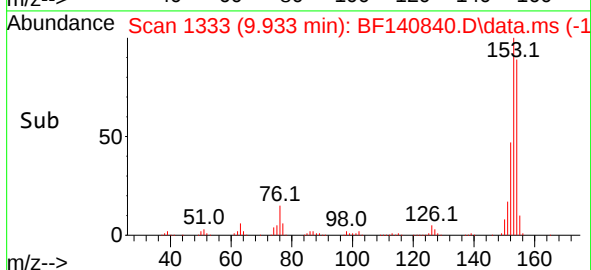
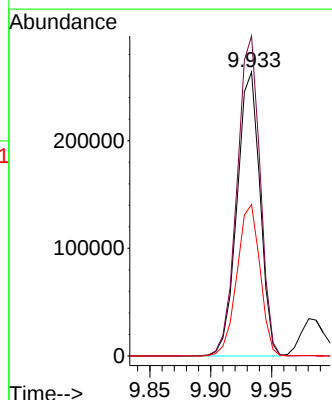
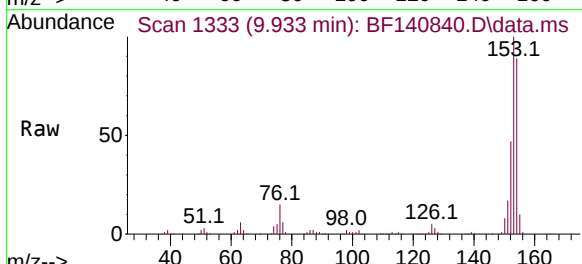
Tgt Ion:154 Resp: 345937

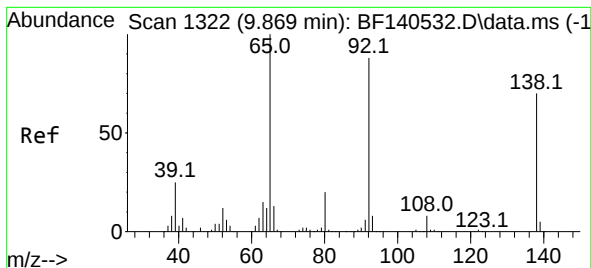
Ion Ratio Lower Upper

154 100

153 112.7 89.7 134.5

152 53.3 42.5 63.7





#53

3-Nitroaniline

Concen: 33.761 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

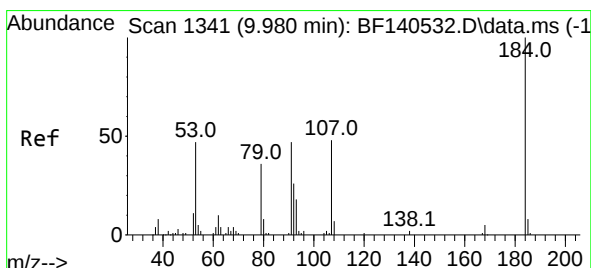
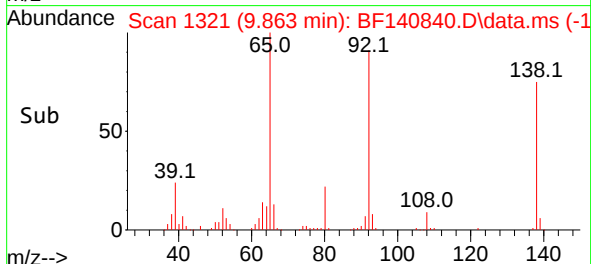
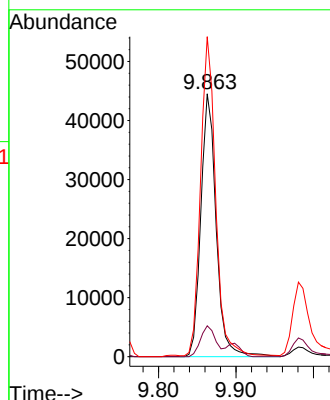
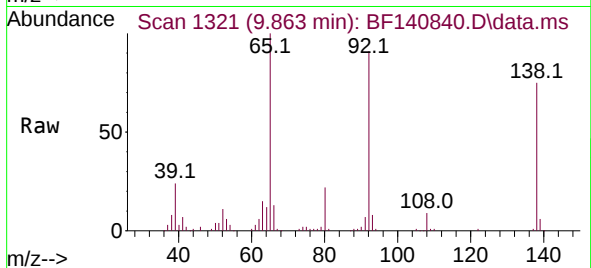
Tgt Ion:138 Resp: 61017

Ion Ratio Lower Upper

138 100

108 11.8 9.2 13.8

92 121.7 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 81.948 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.001 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

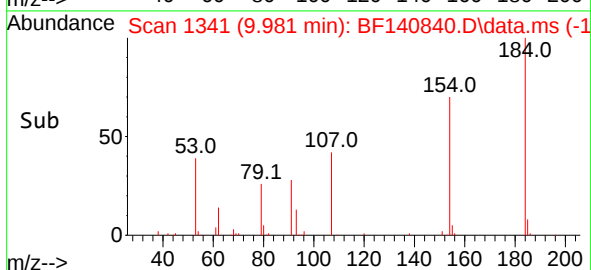
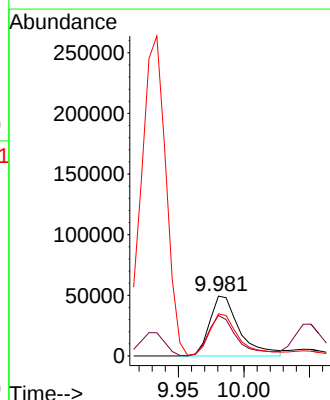
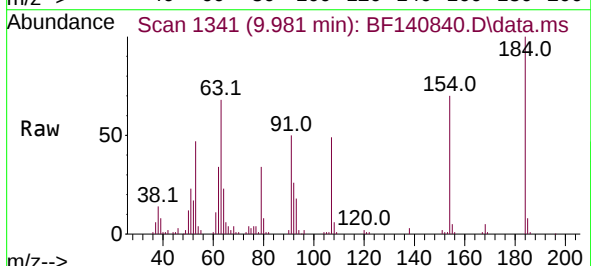
Tgt Ion:184 Resp: 78629

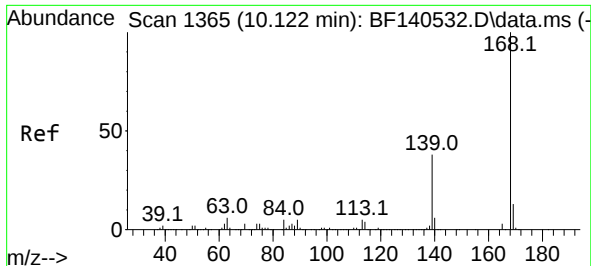
Ion Ratio Lower Upper

184 100

63 67.7 54.1 81.1

154 70.3 57.4 86.0

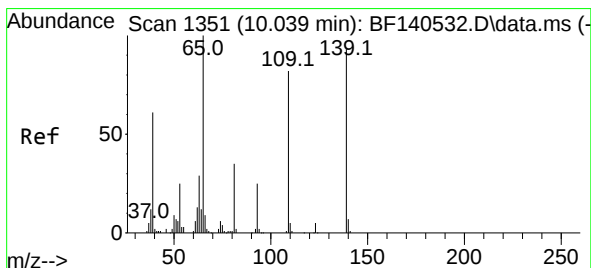
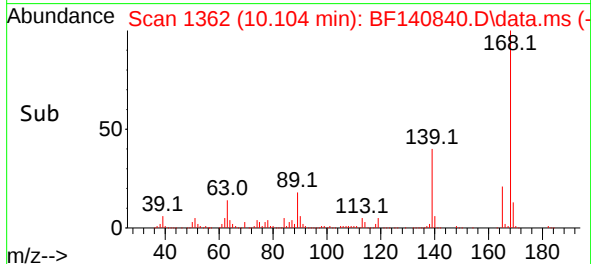
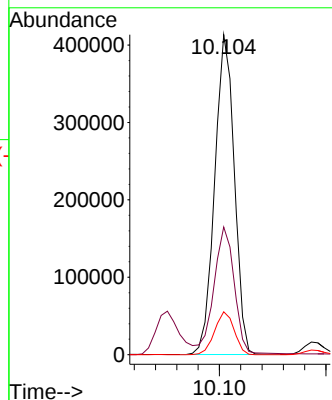
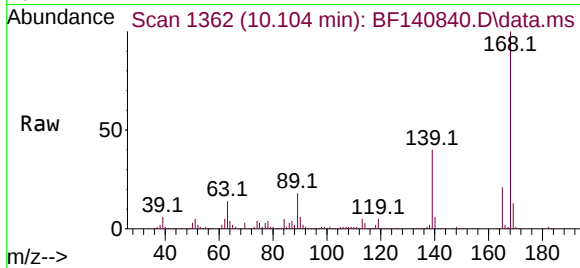




#55
Dibenzenofuran
Concen: 51.539 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

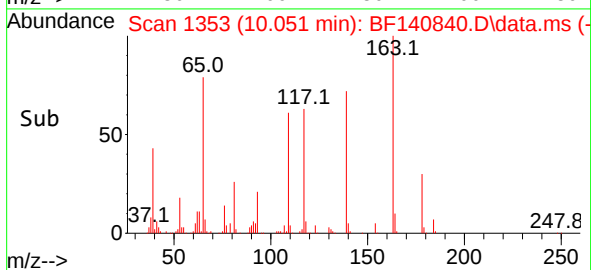
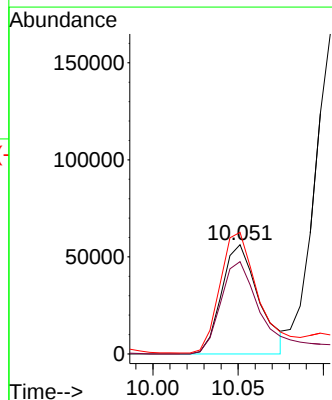
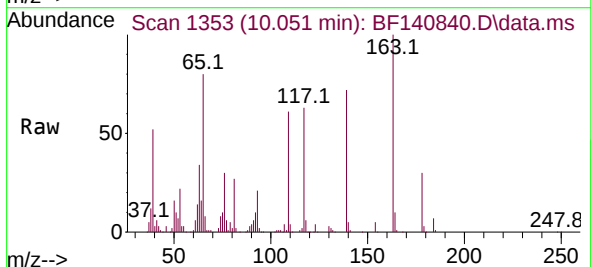
Instrument :
BNA_F
ClientSampleId :
PB165543BS

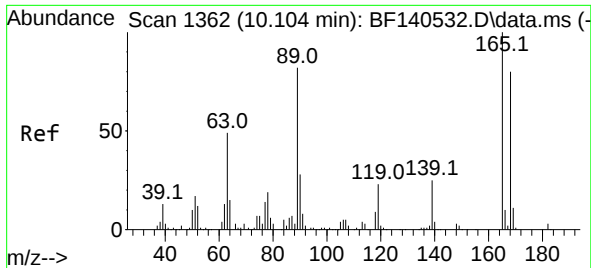
Tgt Ion:168 Resp: 528217
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 69.177 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:139 Resp: 85267
Ion Ratio Lower Upper
139 100
109 84.4 68.4 108.4
65 111.2 88.6 128.6

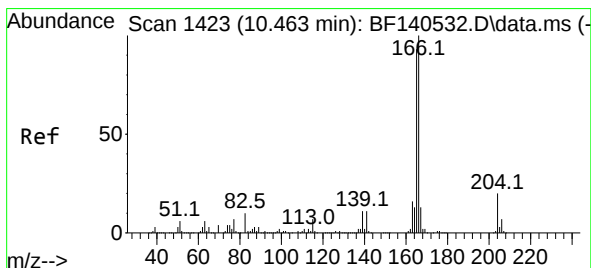
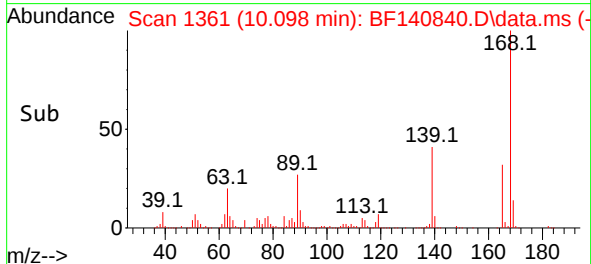
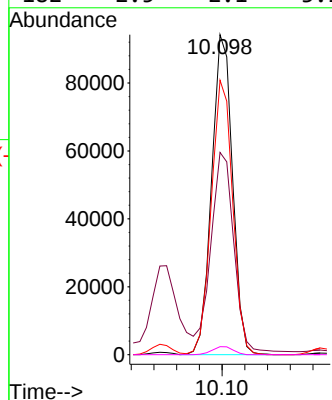
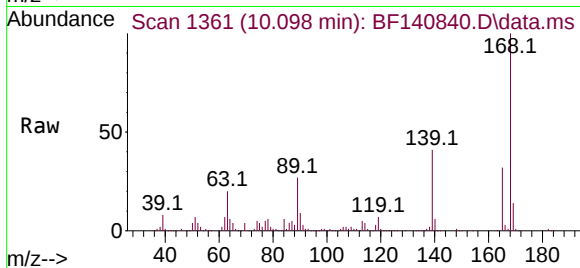




#57
2,4-Dinitrotoluene
Concen: 48.896 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

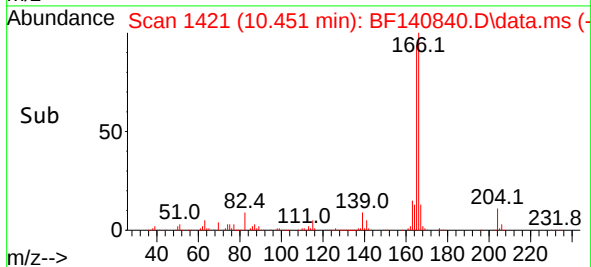
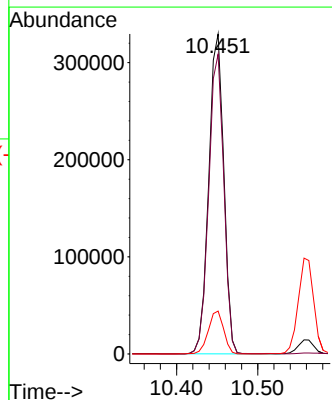
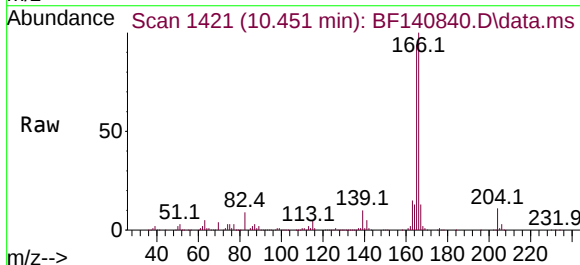
Instrument :
BNA_F
ClientSampleId :
PB165543BS

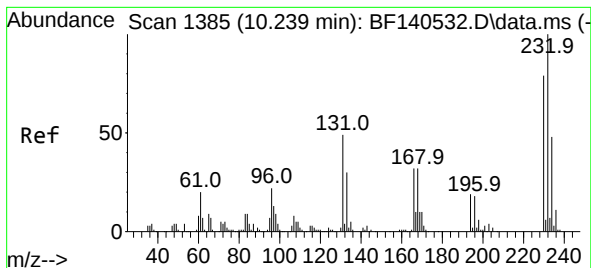
Tgt Ion:165 Resp: 120084
Ion Ratio Lower Upper
165 100
63 63.2 41.7 62.5#
89 85.7 65.8 98.8
182 2.5 2.1 3.1



#58
Fluorene
Concen: 51.495 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:166 Resp: 423625
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.4 10.6 16.0

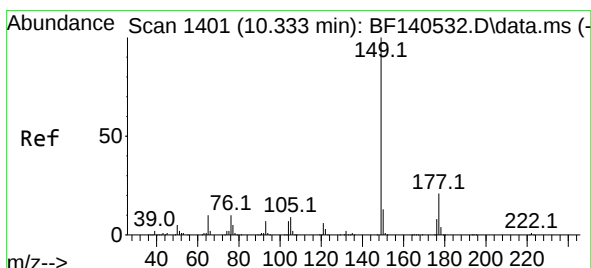
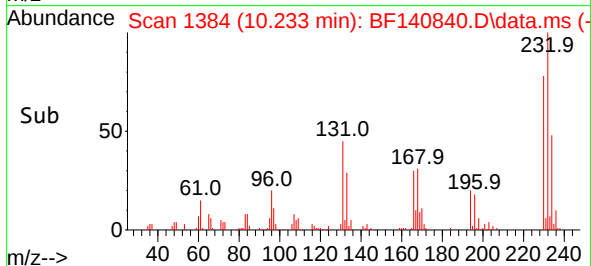
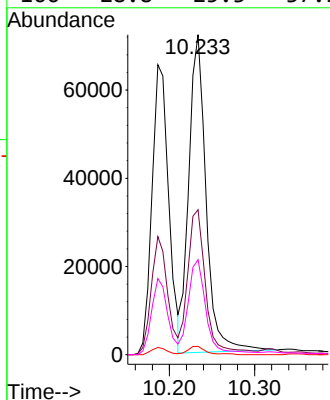
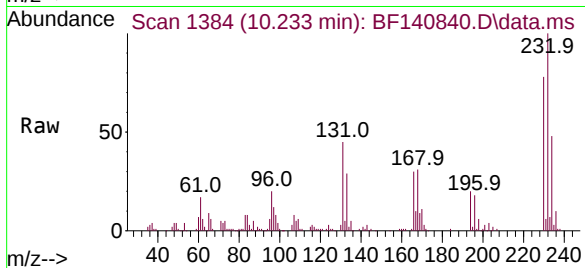




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.602 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

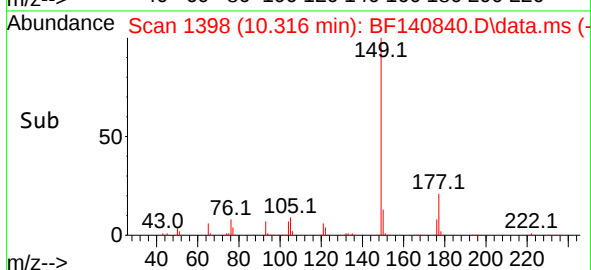
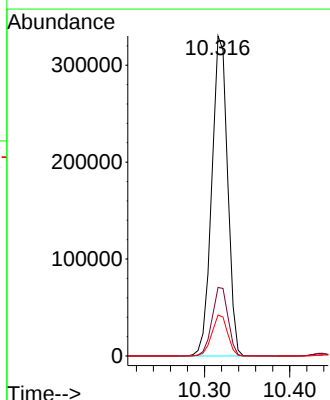
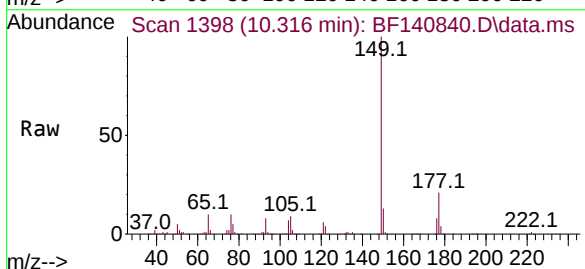
Instrument :
BNA_F
ClientSampleId :
PB165543BS

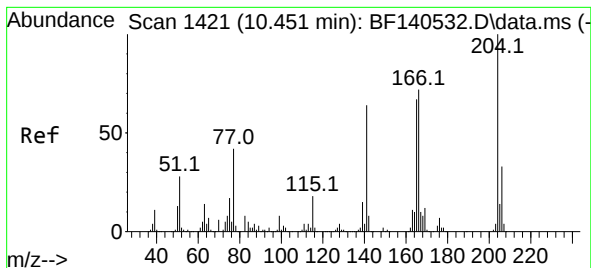
Tgt Ion:232 Resp: 101607
Ion Ratio Lower Upper
232 100
131 44.8 39.6 59.4
130 2.8 1.9 2.9
166 28.8 25.3 37.9



#60
Diethylphthalate
Concen: 51.517 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:149 Resp: 426479
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.8 10.1 15.1

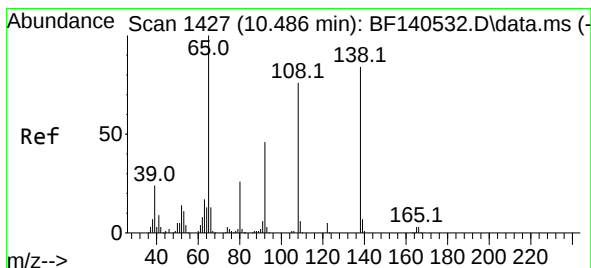
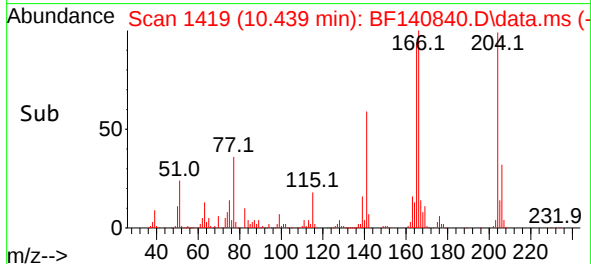
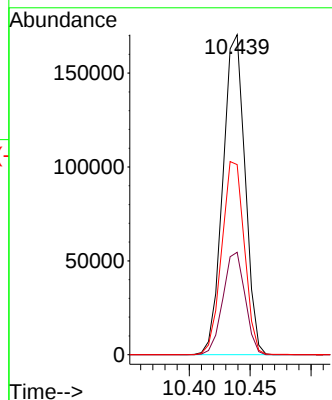
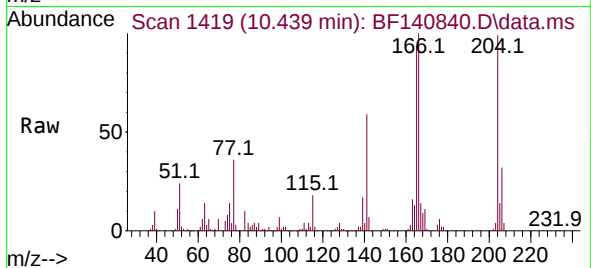




#61
4-Chlorophenyl-phenylether
Concen: 53.616 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

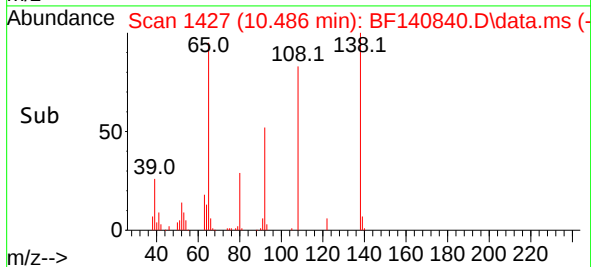
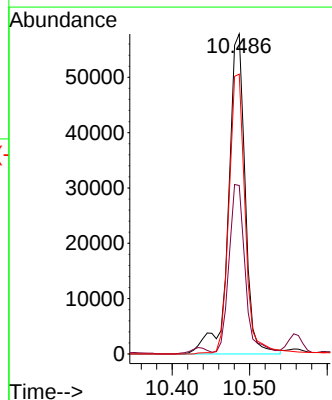
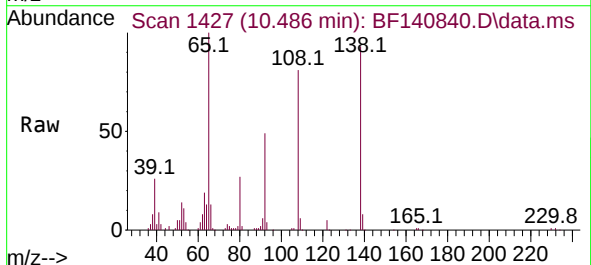
Instrument :
BNA_F
ClientSampleId :
PB165543BS

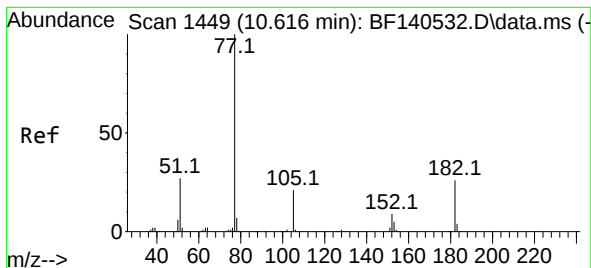
Tgt Ion:204 Resp: 216460
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 59.4 51.1 76.7



#62
4-Nitroaniline
Concen: 45.774 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:138 Resp: 86766
Ion Ratio Lower Upper
138 100
92 52.7 34.5 74.5
108 87.4 70.6 110.6





#63

Azobenzene

Concen: 51.080 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

Tgt Ion: 77 Resp: 400449

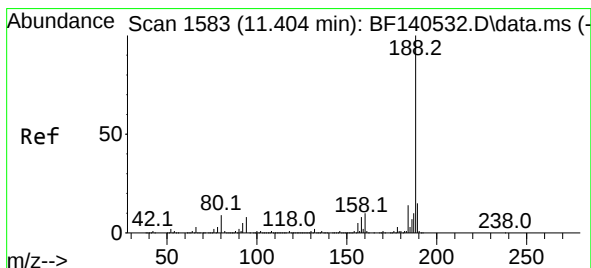
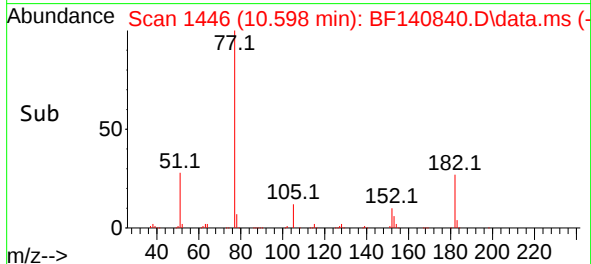
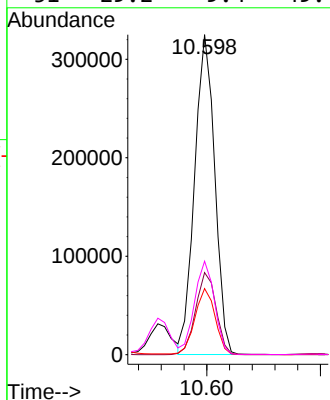
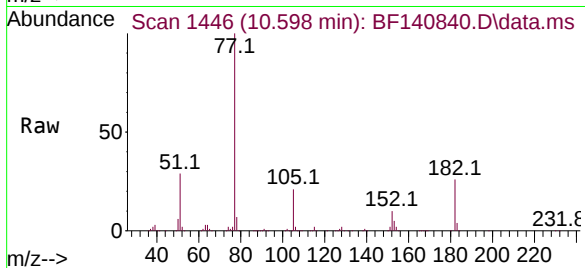
Ion Ratio Lower Upper

77 100

182 25.6 5.3 45.3

105 20.6 0.3 40.3

51 29.2 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: BF140840.D

Acq: 13 Dec 2024 13:13

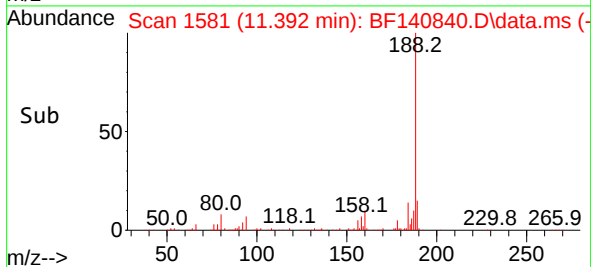
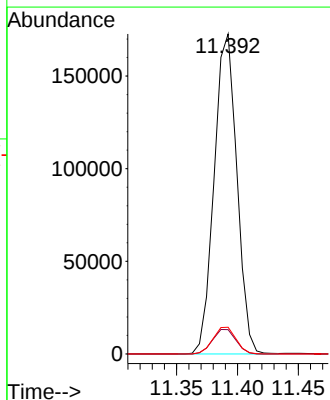
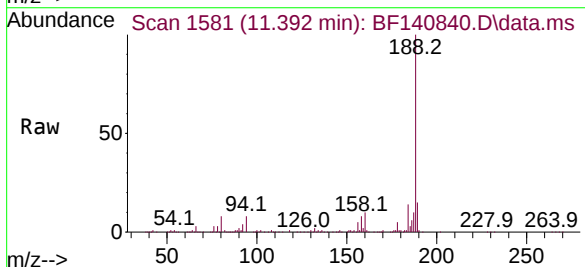
Tgt Ion: 188 Resp: 224669

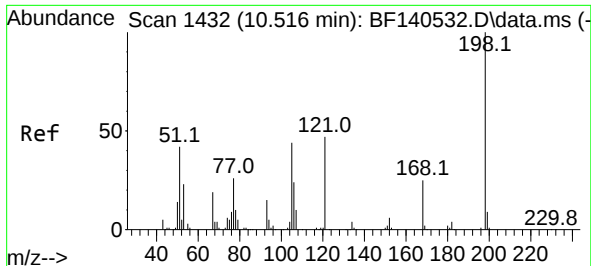
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.3 6.9 10.3

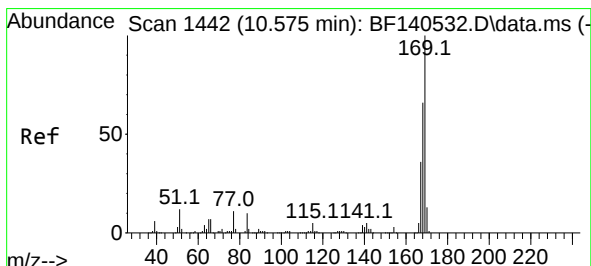
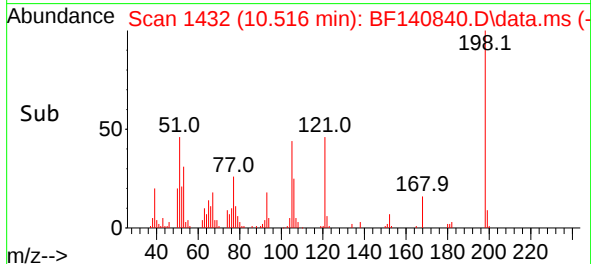
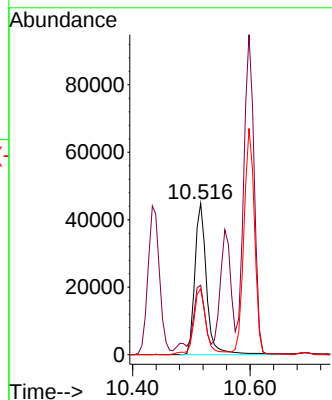
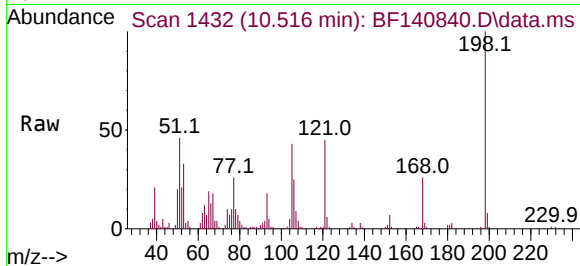




#65
4,6-Dinitro-2-methylphenol
Concen: 54.158 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

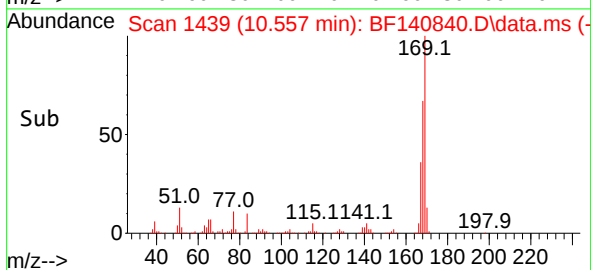
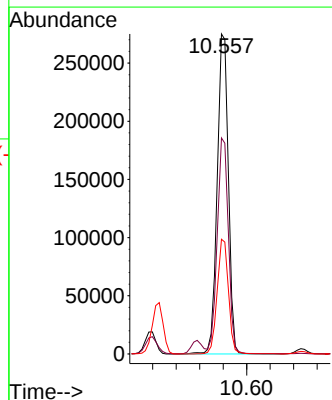
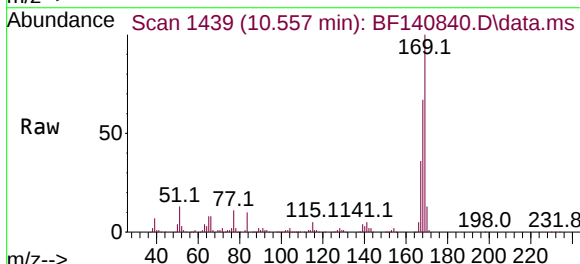
Instrument :
BNA_F
ClientSampleId :
PB165543BS

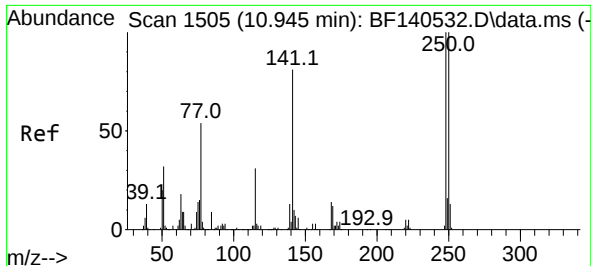
Tgt Ion:198 Resp: 62177
Ion Ratio Lower Upper
198 100
51 45.9 29.4 69.4
105 43.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 54.487 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

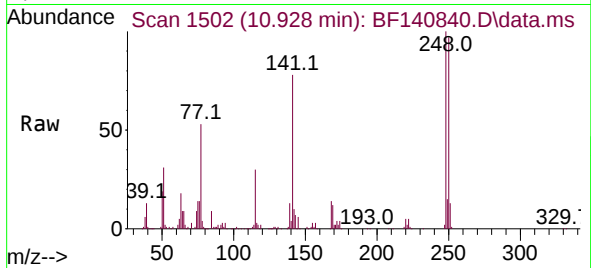
Tgt Ion:169 Resp: 362012
Ion Ratio Lower Upper
169 100
168 67.5 53.2 79.8
167 35.9 29.0 43.6



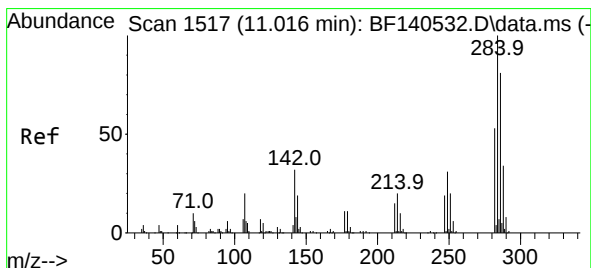
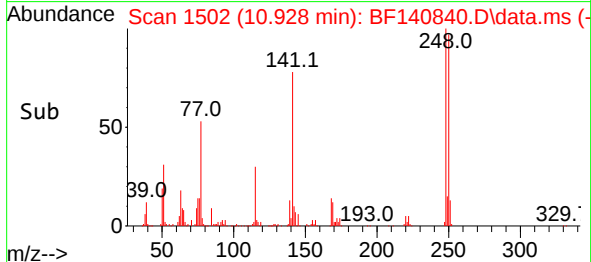
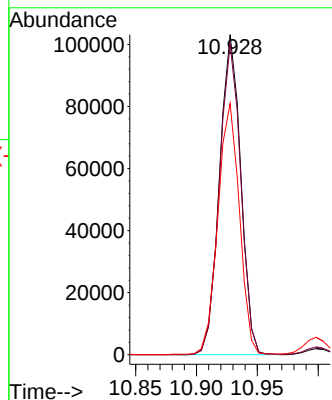


#67
4-Bromophenyl-phenylether
Concen: 54.215 ng
RT: 10.928 min Scan# 1514
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165543BS

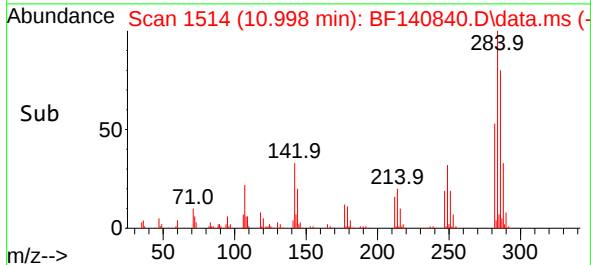
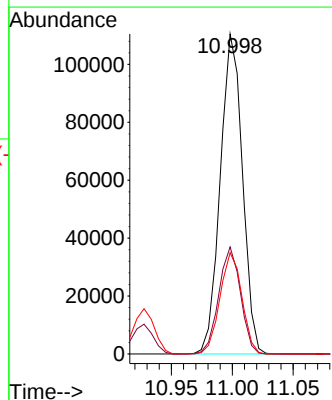
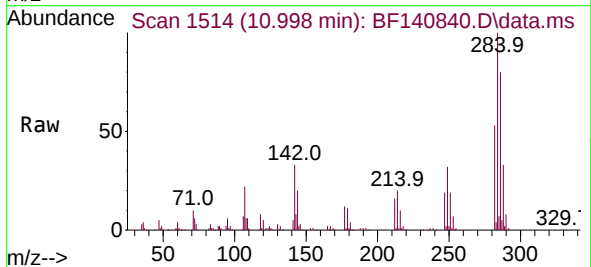


Tgt Ion:248 Resp: 125440
Ion Ratio Lower Upper
248 100
250 97.0 79.8 119.8
141 78.5 64.7 97.1



#68
Hexachlorobenzene
Concen: 52.257 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.018 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:284 Resp: 140002
Ion Ratio Lower Upper
284 100
142 33.5 25.3 37.9
249 31.6 24.8 37.2





#69

Atrazine

Concen: 60.282 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

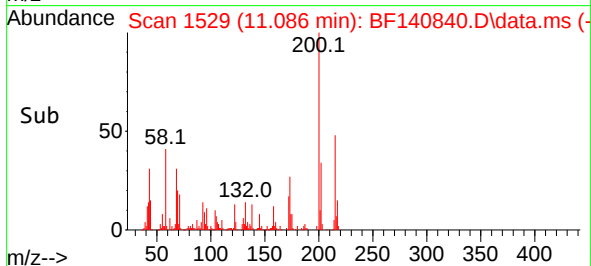
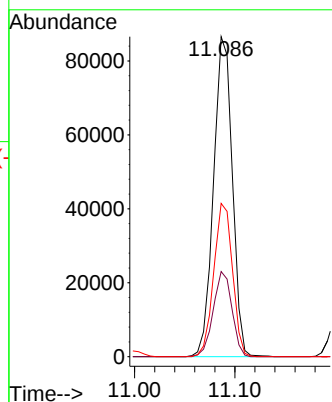
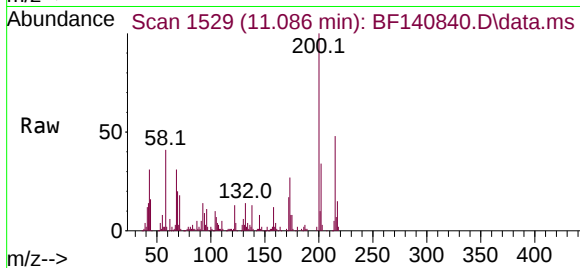
Tgt Ion:200 Resp: 112674

Ion Ratio Lower Upper

200 100

173 26.6 7.0 47.0

215 47.9 26.7 66.7



#70

Pentachlorophenol

Concen: 84.275 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

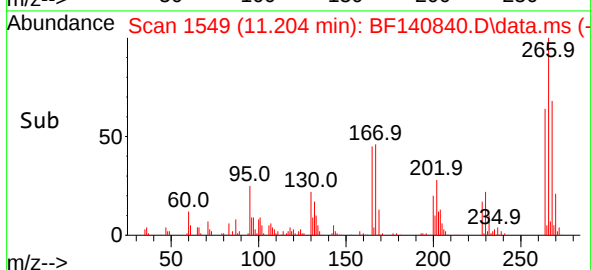
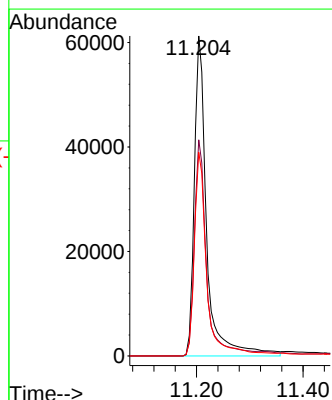
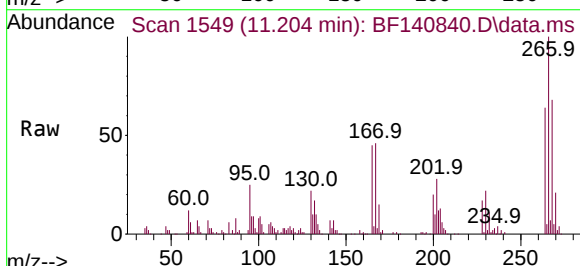
Tgt Ion:266 Resp: 99371

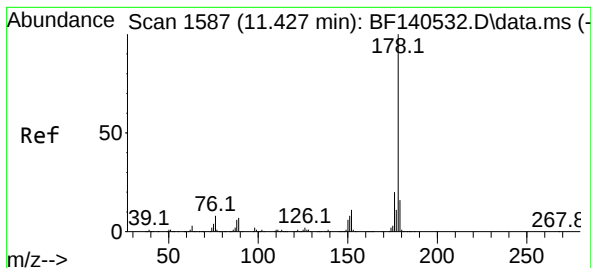
Ion Ratio Lower Upper

266 100

268 67.5 53.7 80.5

264 63.6 49.8 74.8





#71

Phenanthrene

Concen: 53.576 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

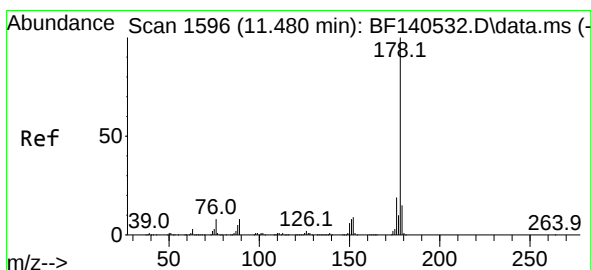
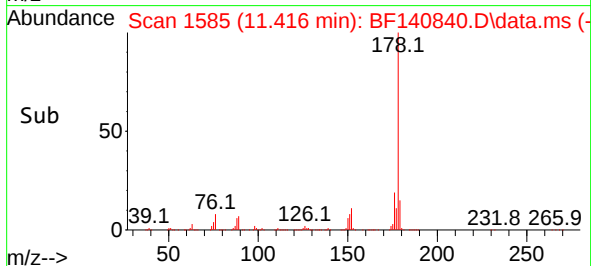
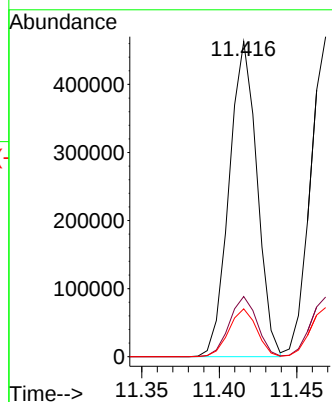
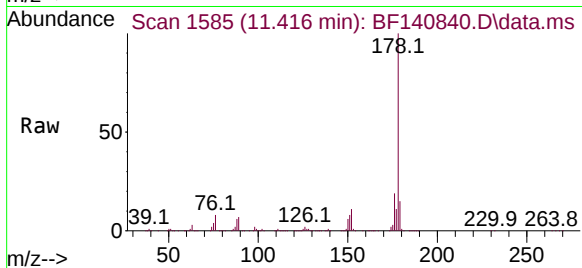
Tgt Ion:178 Resp: 578602

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

179 15.2 12.4 18.6



#72

Anthracene

Concen: 55.785 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

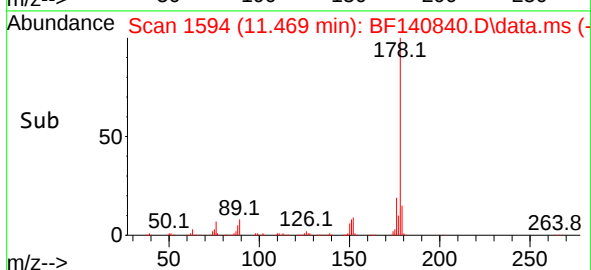
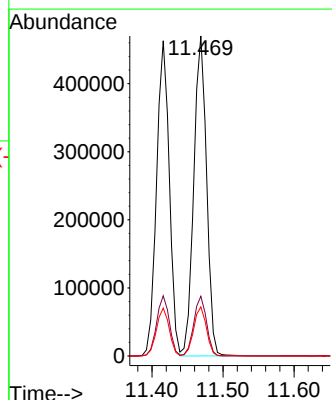
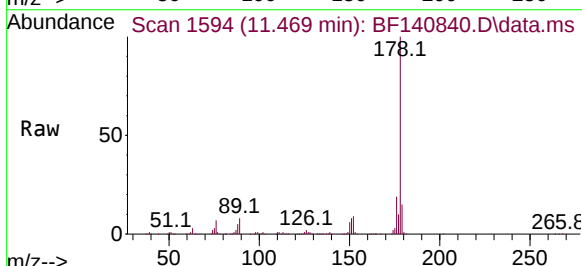
Tgt Ion:178 Resp: 589315

Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.4 12.2 18.4





#73

Carbazole

Concen: 49.694 ng

RT: 11.627 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

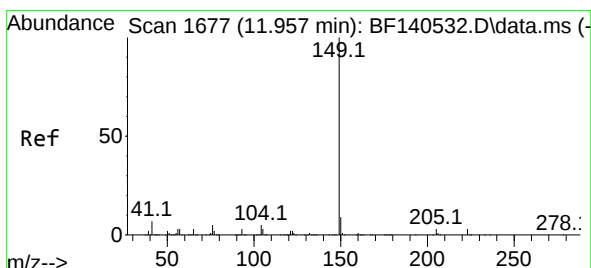
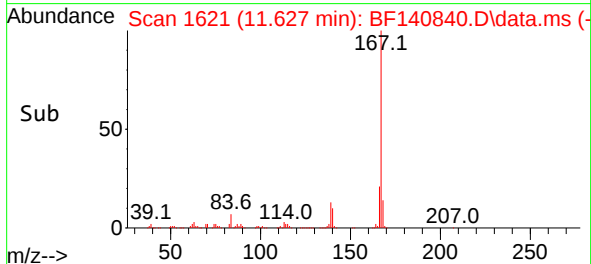
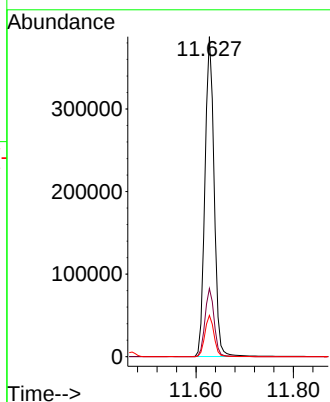
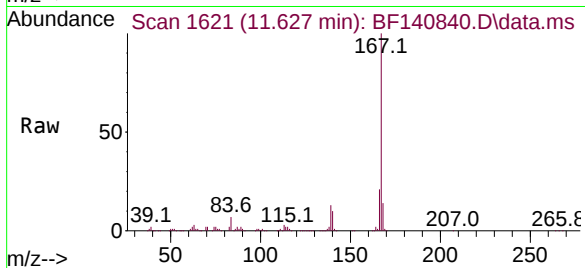
Tgt Ion:167 Resp: 505022

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 52.332 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

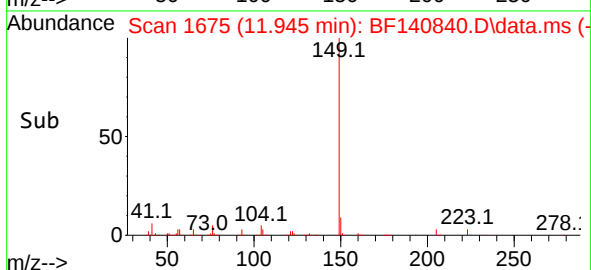
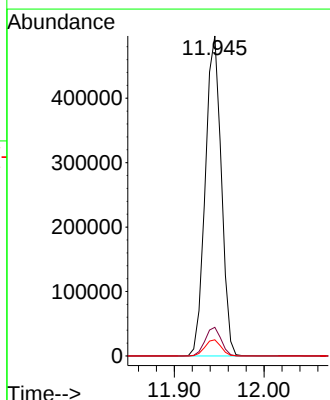
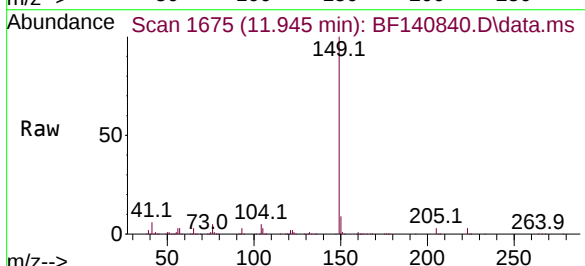
Tgt Ion:149 Resp: 614007

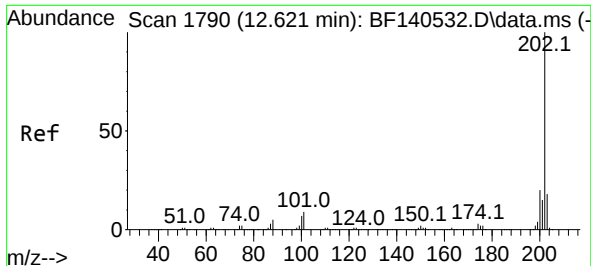
Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

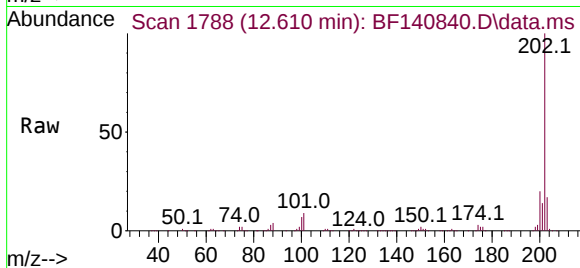
104 5.0 4.1 6.1



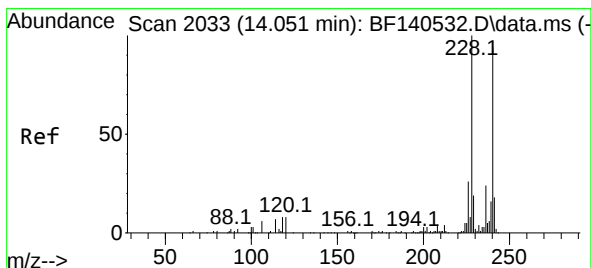
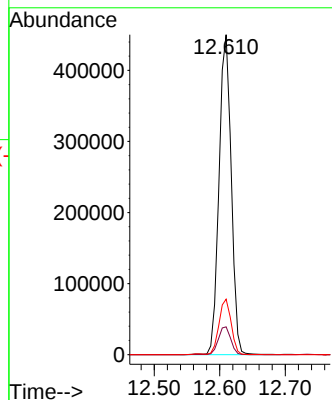
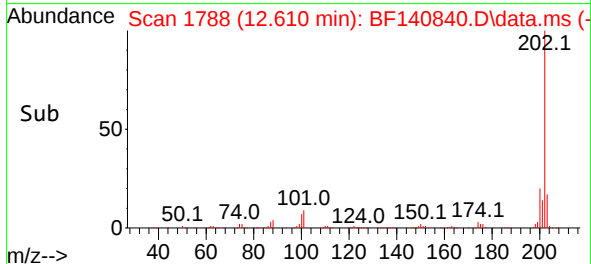


#75
Fluoranthene
Concen: 49.286 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165543BS

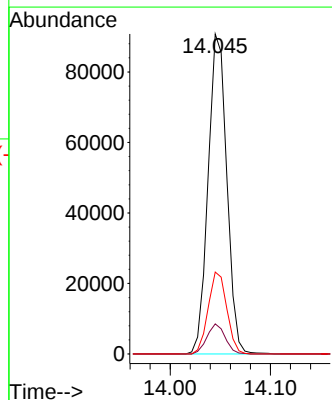
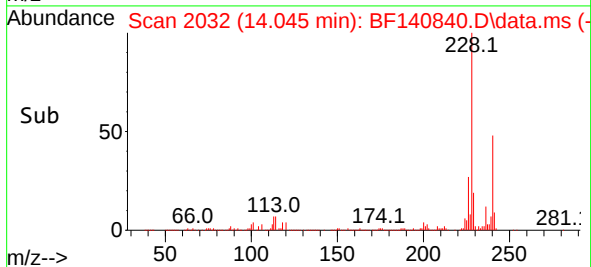
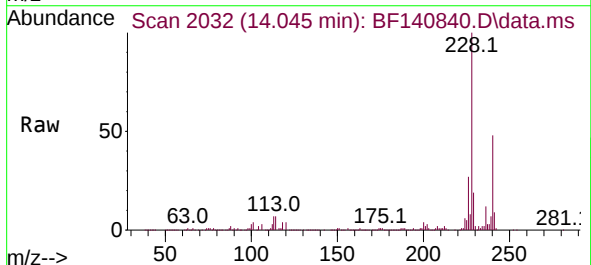


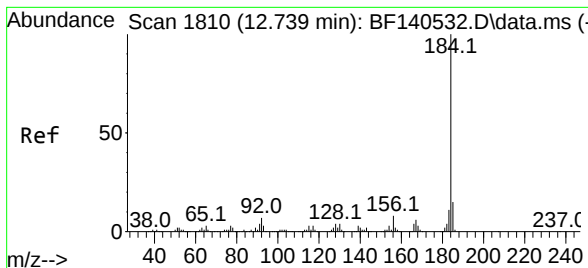
Tgt Ion:202 Resp: 577909
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.9
203 17.4 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:240 Resp: 117791
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.6 20.6 31.0





#77

Benzidine

Concen: 36.303 ng

RT: 12.733 min Scan# 1809

Delta R.T. -0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

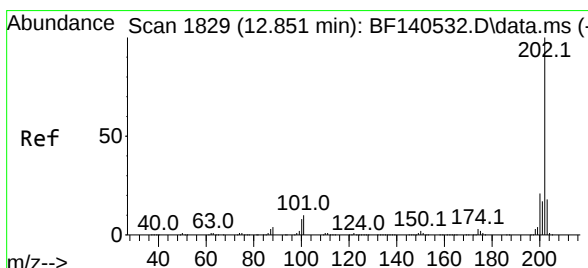
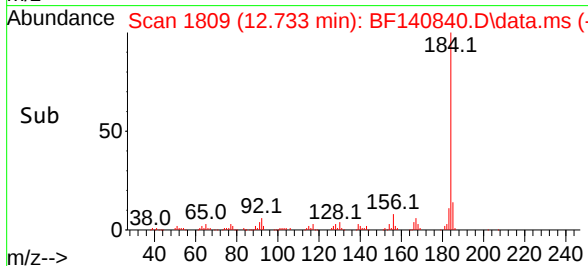
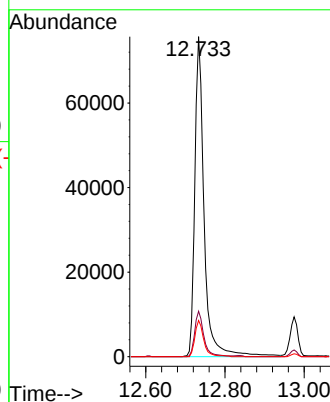
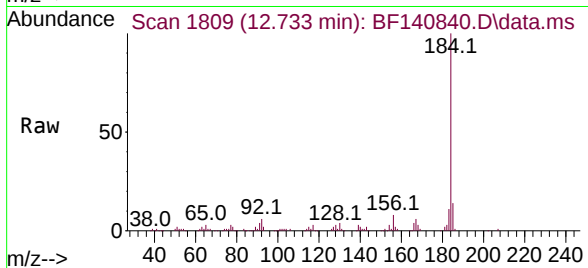
Tgt Ion:184 Resp: 124326

Ion Ratio Lower Upper

184 100

185 14.2 11.7 17.5

183 11.3 8.8 13.2



#78

Pyrene

Concen: 53.484 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

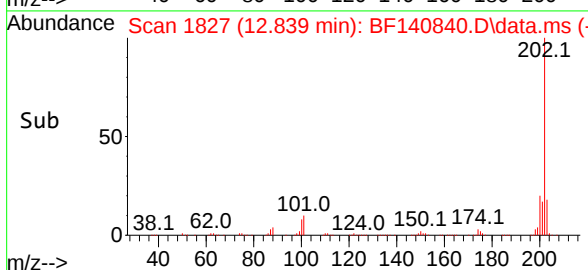
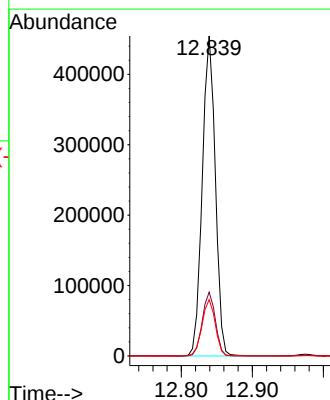
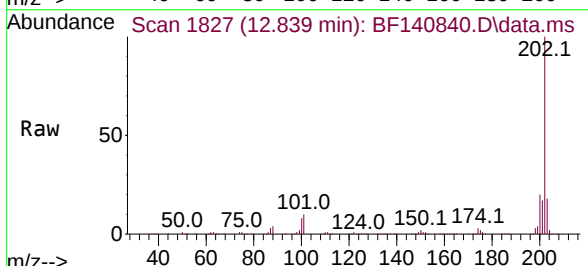
Tgt Ion:202 Resp: 582508

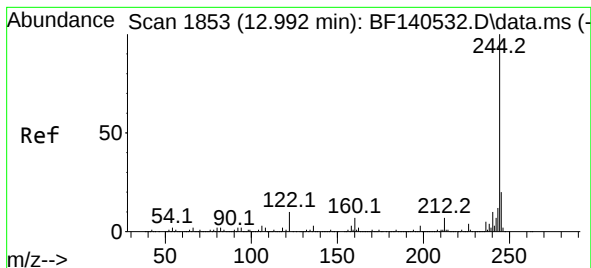
Ion Ratio Lower Upper

202 100

200 19.9 16.5 24.7

203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 110.017 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

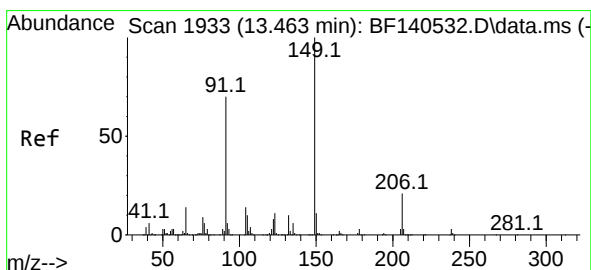
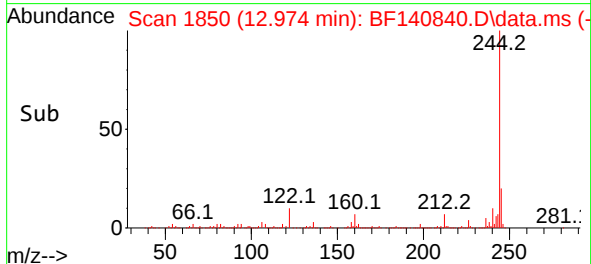
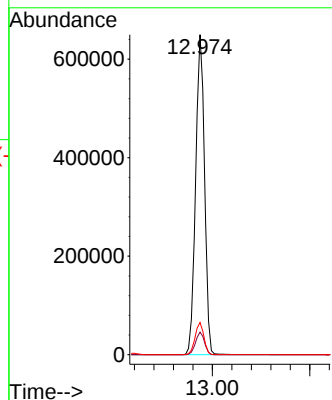
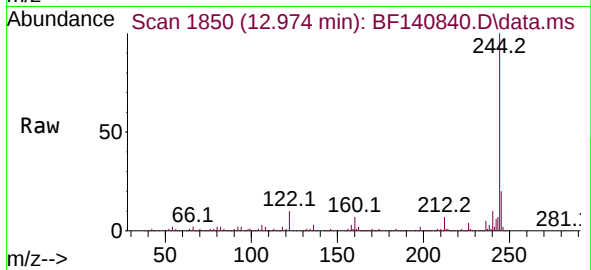
Tgt Ion:244 Resp: 832236

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 48.439 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

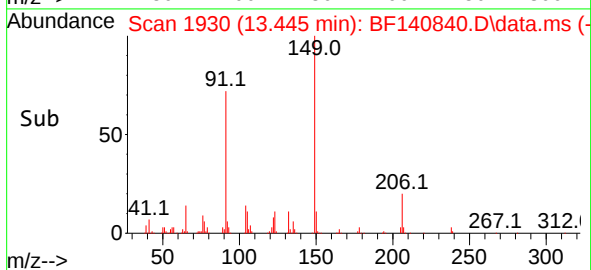
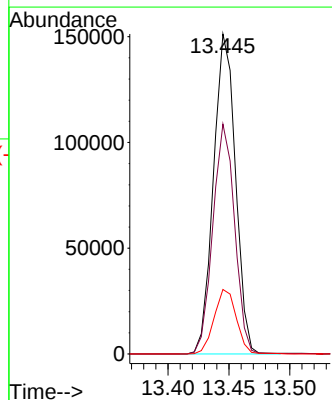
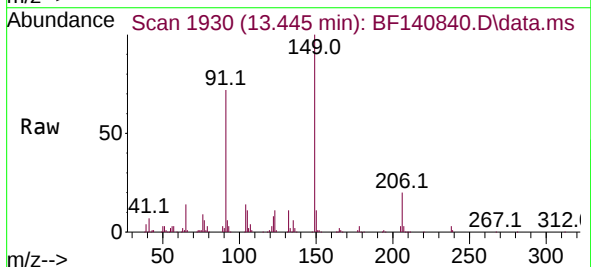
Tgt Ion:149 Resp: 190050

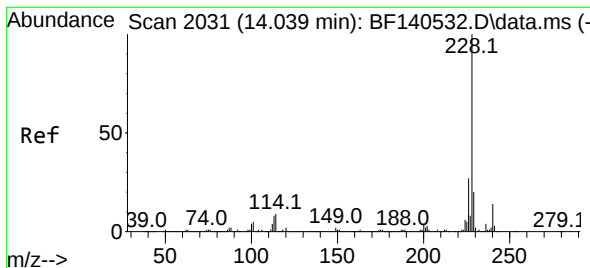
Ion Ratio Lower Upper

149 100

91 71.9 56.2 84.2

206 20.1 16.4 24.6

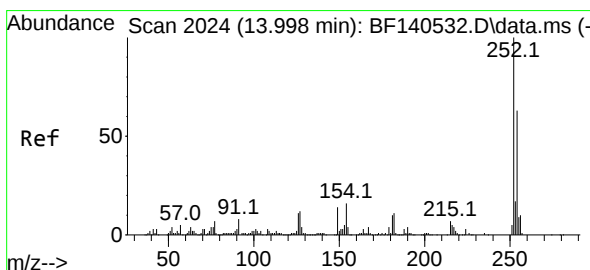
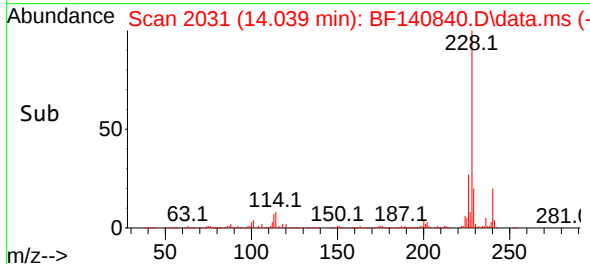
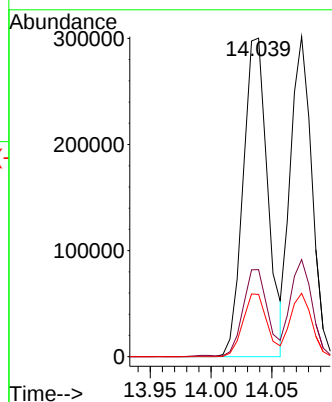
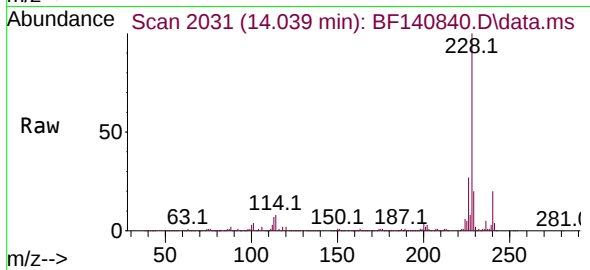




#81
Benzo(a)anthracene
Concen: 54.315 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

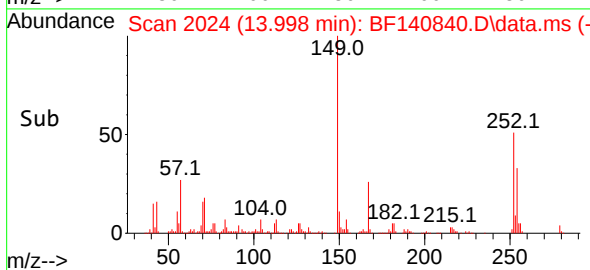
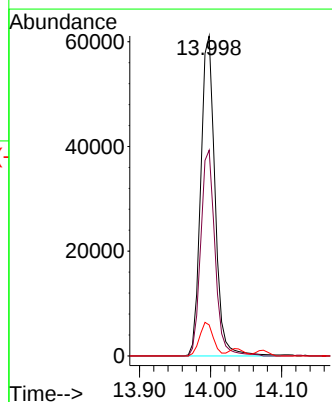
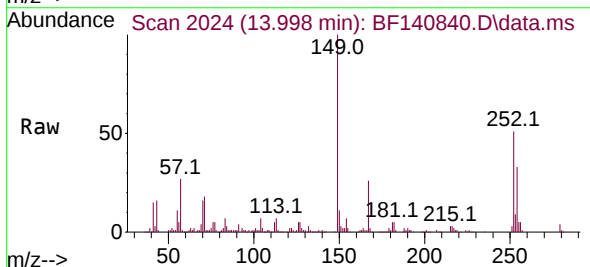
Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:228 Resp: 423511
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.643 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:252 Resp: 85782
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 9.7 8.6 13.0





#83

Chrysene

Concen: 51.706 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

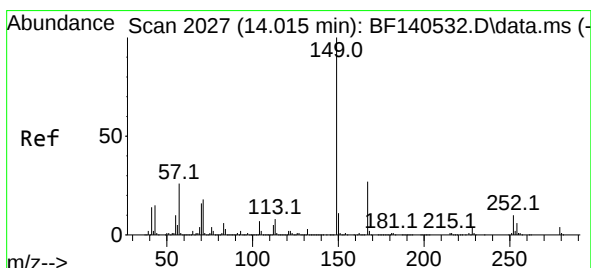
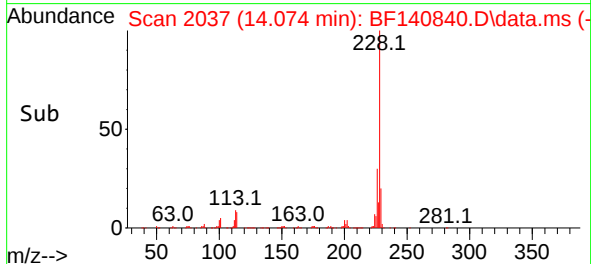
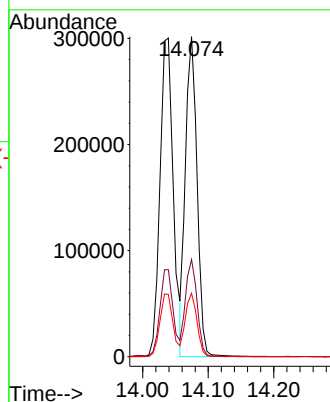
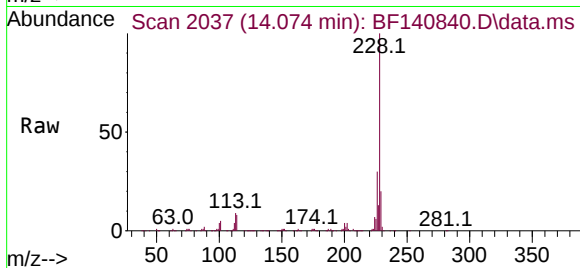
Tgt Ion:228 Resp: 368650

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.306 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

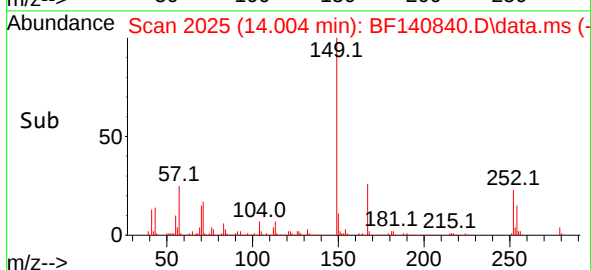
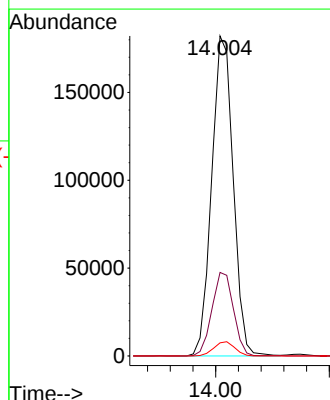
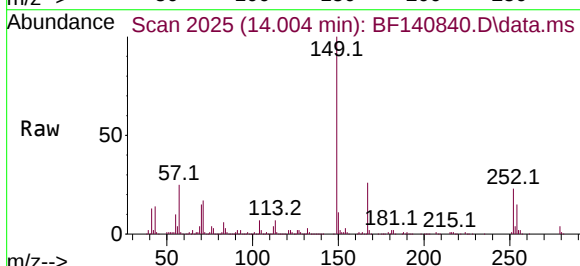
Tgt Ion:149 Resp: 239318

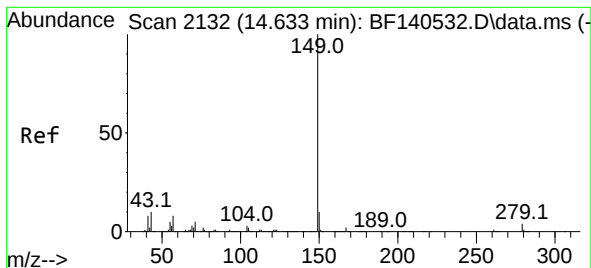
Ion Ratio Lower Upper

149 100

167 26.1 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.199 ng

RT: 14.639 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

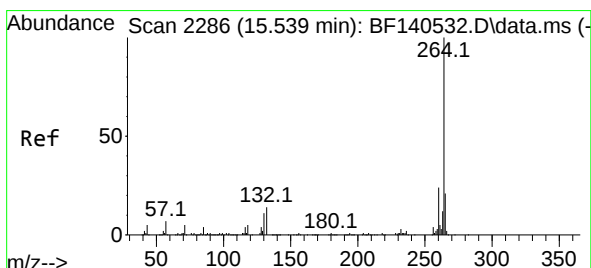
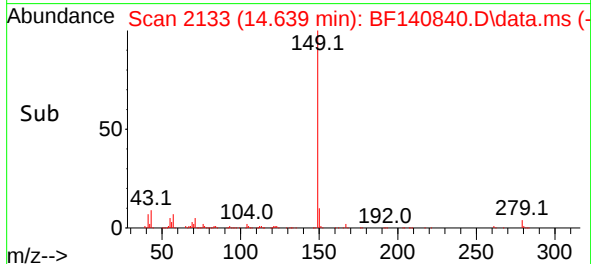
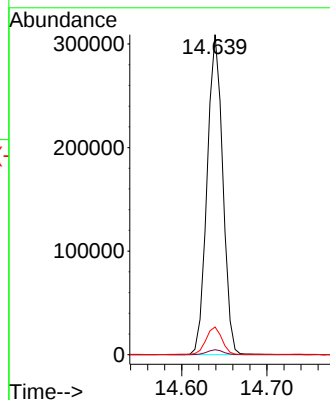
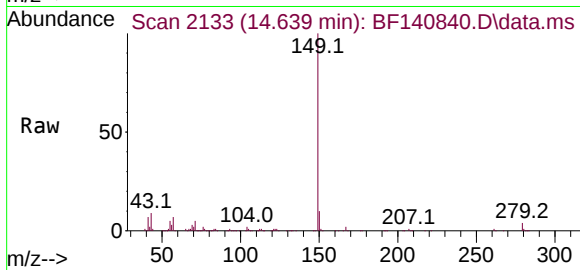
Tgt Ion:149 Resp: 394039

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

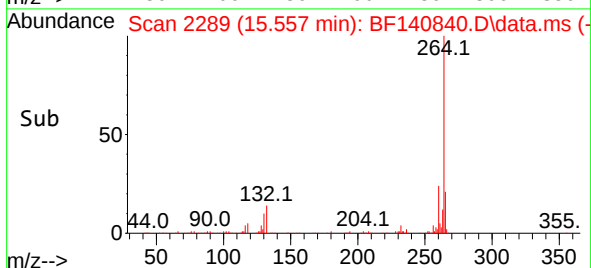
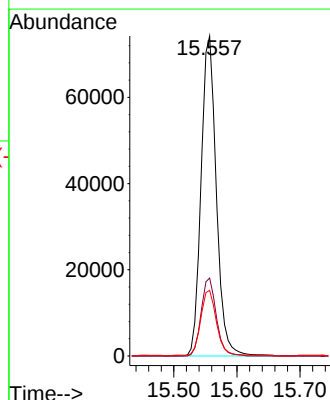
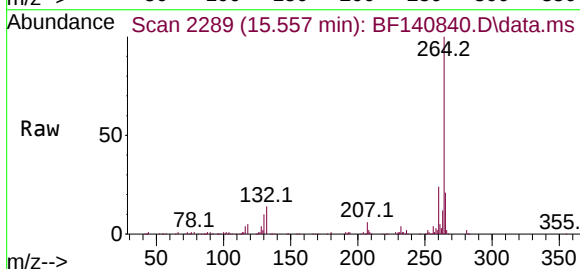
Tgt Ion:264 Resp: 124437

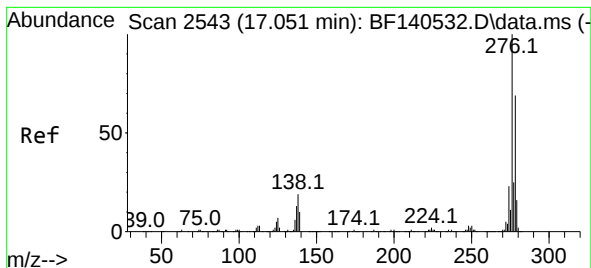
Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 20.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.404 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

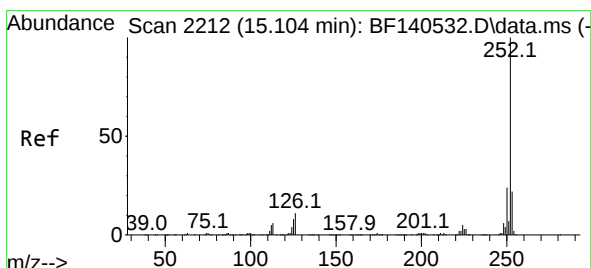
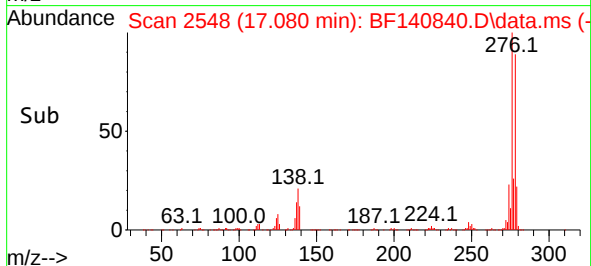
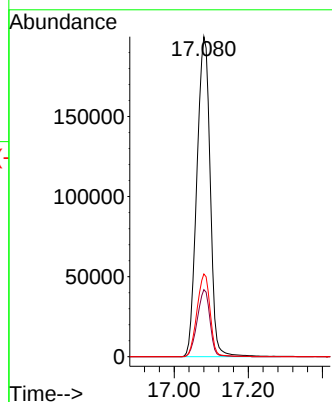
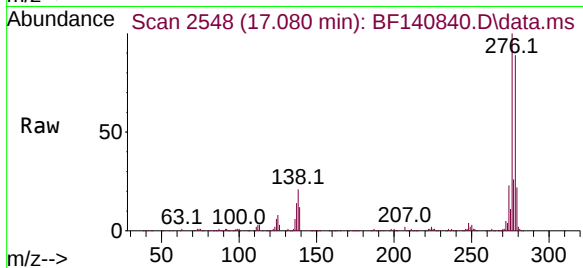
Tgt Ion:276 Resp: 497948

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 52.285 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

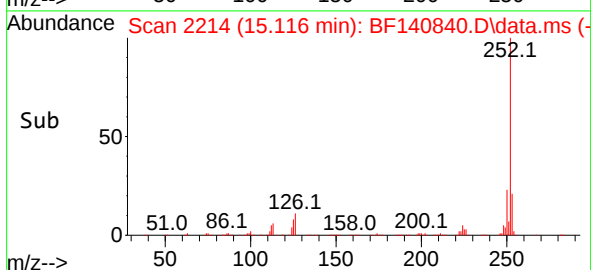
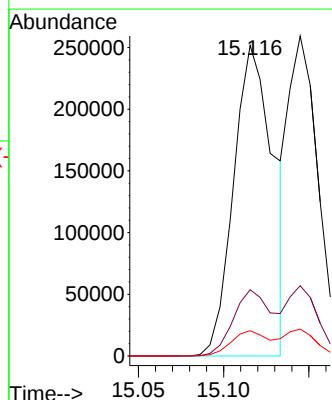
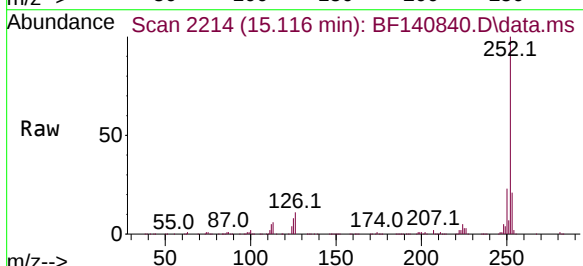
Tgt Ion:252 Resp: 408661

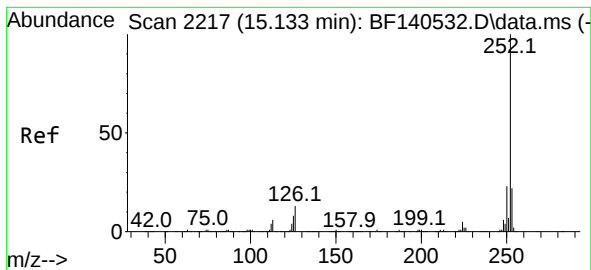
Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 8.2 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 46.323 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB165543BS

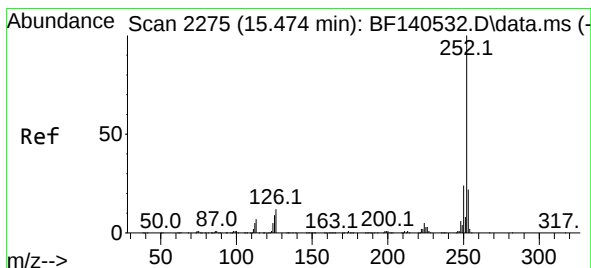
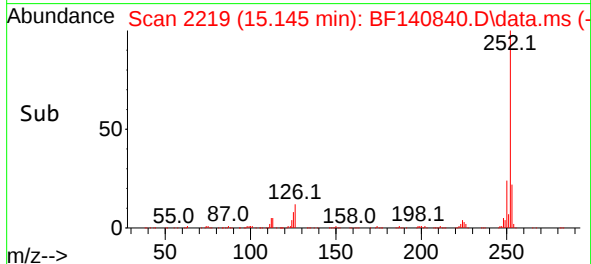
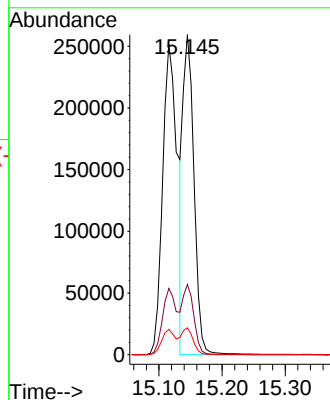
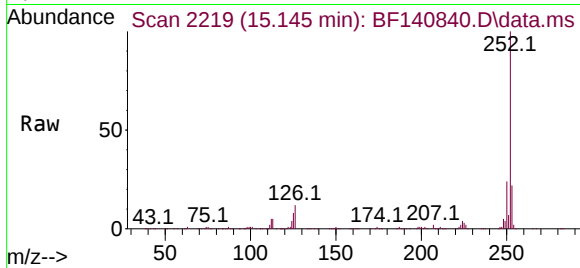
Tgt Ion:252 Resp: 316837

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.4 6.5 9.7



#90

Benzo(a)pyrene

Concen: 55.991 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140840.D

Acq: 13 Dec 2024 13:13

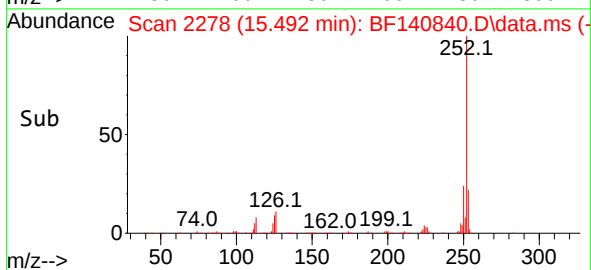
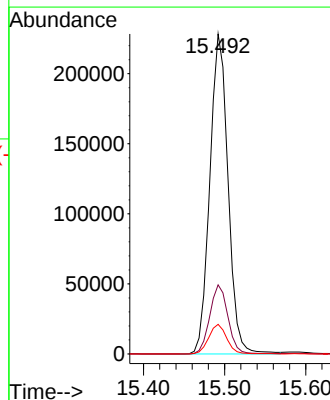
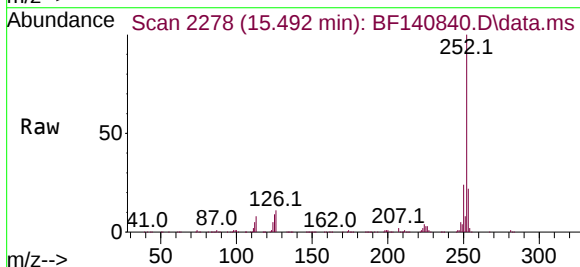
Tgt Ion:252 Resp: 355825

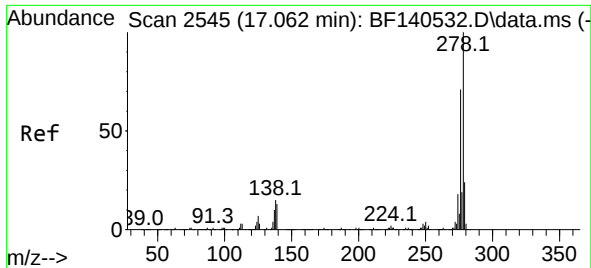
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.2 7.0 10.6

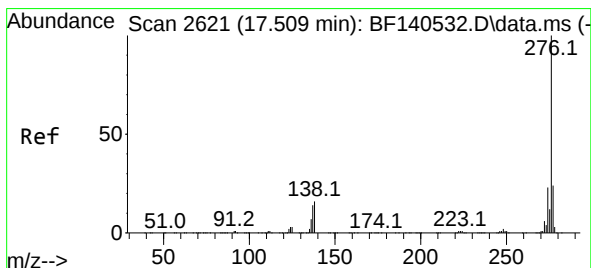
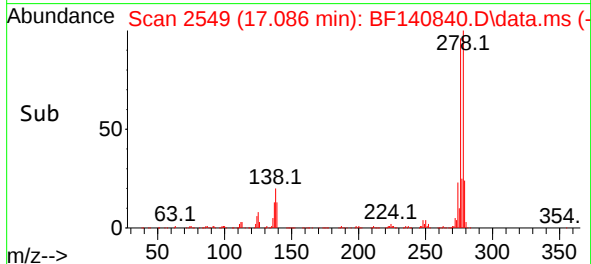
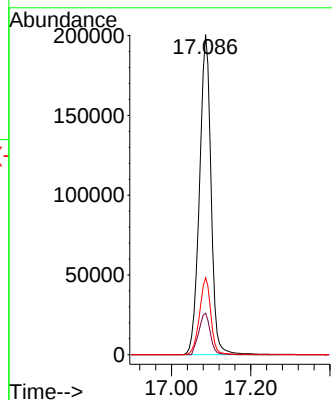
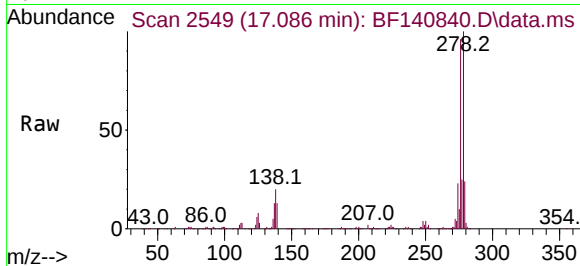




#91
Dibenzo(a,h)anthracene
Concen: 60.849 ng
RT: 17.086 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB165543BS

Tgt Ion:278 Resp: 404119
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 55.189 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.024 min
Lab File: BF140840.D
Acq: 13 Dec 2024 13:13

Tgt Ion:276 Resp: 374022
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 17.1 13.2 19.8

