

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140661.D
 Acq On : 27 Nov 2024 11:22
 Operator : RC/JU
 Sample : PB165269BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165269BS

Quant Time: Nov 27 12:04:03 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	6.869	152	81937	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309564	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	172880	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	335256	20.000	ng	0.00
76) Chrysene-d12	14.051	240	212656	20.000	ng	0.00
86) Perylene-d12	15.545	264	172083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	644758	134.261	ng	0.01
7) Phenol-d6	6.510	99	838419	132.061	ng	0.00
23) Nitrobenzene-d5	7.434	82	549143	90.737	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	257855	139.459	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1052576	90.715	ng	0.00
79) Terphenyl-d14	12.986	244	1220883	89.397	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	87325	43.249	ng	99
3) Pyridine	3.499	79	221182	49.788	ng	98
4) n-Nitrosodimethylamine	3.446	42	120670	46.216	ng	92
6) Aniline	6.534	93	218411	48.877	ng	88
8) 2-Chlorophenol	6.663	128	260931	50.504	ng	95
9) Benzaldehyde	6.422	77	109280	32.515	ng	97
10) Phenol	6.528	94	325627	50.223	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	242296	48.836	ng	99
12) 1,3-Dichlorobenzene	6.810	146	270859	46.657	ng	99
13) 1,4-Dichlorobenzene	6.887	146	271941	46.263	ng	99
14) 1,2-Dichlorobenzene	7.040	146	263291	47.801	ng	99
15) Benzyl Alcohol	7.016	79	241323	51.256	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	295922	50.486	ng	92
17) 2-Methylphenol	7.128	107	204612	49.474	ng	98
18) Hexachloroethane	7.381	117	102177	46.541	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	181750	48.440	ng	98
20) 3+4-Methylphenols	7.281	107	267166	50.258	ng	95
22) Acetophenone	7.281	105	353162	46.795	ng	99
24) Nitrobenzene	7.457	77	286237	45.761	ng	97
25) Isophorone	7.692	82	492010	48.741	ng	100
26) 2-Nitrophenol	7.769	139	139631	50.373	ng	97
27) 2,4-Dimethylphenol	7.804	122	208219	62.782	ng	100
28) bis(2-Chloroethoxy)met...	7.898	93	298097	48.475	ng	100
29) 2,4-Dichlorophenol	8.016	162	218877	49.805	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	229213	45.681	ng	99
31) Naphthalene	8.175	128	755045	47.352	ng	99
32) Benzoic acid	7.939	122	113509	40.628	ng	99
33) 4-Chloroaniline	8.222	127	112860	23.640	ng	99
34) Hexachlorobutadiene	8.287	225	151953	45.721	ng	99
35) Caprolactam	8.598	113	46889	34.477	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	245586	49.912	ng	99
37) 2-Methylnaphthalene	8.863	142	499898	49.359	ng	100
38) 1-Methylnaphthalene	8.963	142	465106	46.852	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	242742	47.963	ng	99
41) Hexachlorocyclopentadiene	9.016	237	201037	167.902	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	153735	48.409	ng	99

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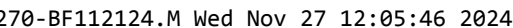
Instrument :
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 ClientSampleId :
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	166304	48.251	ng	97
46) 1,1'-Biphenyl	9.328	154	625897	48.491	ng	99
47) 2-Chloronaphthalene	9.357	162	467173	47.767	ng	99
48) 2-Nitroaniline	9.457	65	157156	50.062	ng	94
49) Acenaphthylene	9.769	152	776768	52.565	ng	100
50) Dimethylphthalate	9.628	163	570412	50.099	ng	100
51) 2,6-Dinitrotoluene	9.698	165	124046	48.038	ng	93
52) Acenaphthene	9.945	154	469623	50.017	ng	100
53) 3-Nitroaniline	9.869	138	77278	30.598	ng	94
54) 2,4-Dinitrophenol	9.980	184	120285	88.970	ng	97
55) Dibenzofuran	10.116	168	711379	49.671	ng	99
56) 4-Nitrophenol	10.045	139	165737	96.224	ng	94
57) 2,4-Dinitrotoluene	10.104	165	171788	50.057	ng	98
58) Fluorene	10.457	166	557636	48.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	143843	54.304	ng	94
60) Diethylphthalate	10.328	149	571522	49.405	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	273726	48.520	ng	96
62) 4-Nitroaniline	10.486	138	132572	50.049	ng	96
63) Azobenzene	10.610	77	542626	49.532	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	91952	53.673	ng	96
66) n-Nitrosodiphenylamine	10.569	169	489140	49.336	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	162836	47.163	ng	99
68) Hexachlorobenzene	11.010	284	193146	48.313	ng	99
69) Atrazine	11.098	200	160573	57.571	ng	98
70) Pentachlorophenol	11.210	266	166661	94.719	ng	100
71) Phenanthrene	11.427	178	816617	50.673	ng	99
72) Anthracene	11.480	178	827597	52.499	ng	100
73) Carbazole	11.633	167	764607	50.419	ng	100
74) Di-n-butylphthalate	11.957	149	865576	49.439	ng	99
75) Fluoranthene	12.616	202	902503	51.580	ng	99
77) Benzidine	12.739	184	240352	38.874	ng	98
78) Pyrene	12.845	202	922494	46.916	ng	100
80) Butylbenzylphthalate	13.457	149	353177	49.861	ng	99
81) Benzo(a)anthracene	14.039	228	719029	51.078	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	120844	28.592	ng	97
83) Chrysene	14.074	228	662761	51.489	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	460117	51.443	ng	99
85) Di-n-octyl phthalate	14.639	149	682003	55.795	ng	98
87) Indeno(1,2,3-cd)pyrene	17.062	276	733818	65.435	ng	# 96
88) Benzo(b)fluoranthene	15.110	252	590599	54.641	ng	98
89) Benzo(k)fluoranthene	15.139	252	453498	47.945	ng	99
90) Benzo(a)pyrene	15.486	252	484320	55.109	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	591976	64.456	ng	98
92) Benzo(g,h,i)perylene	17.515	276	450316	48.049	ng	98

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

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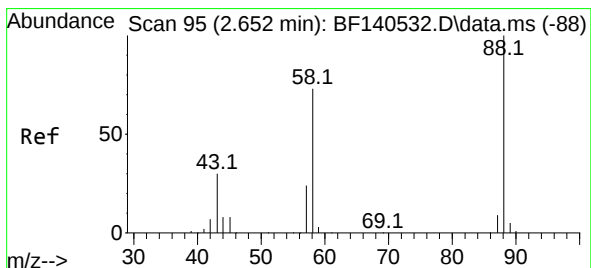
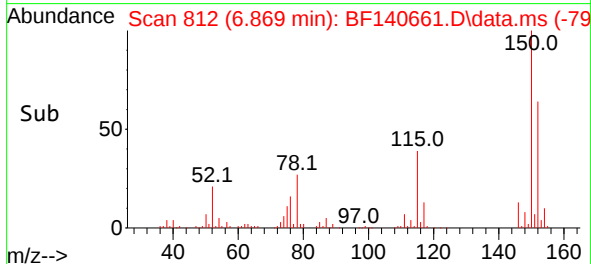
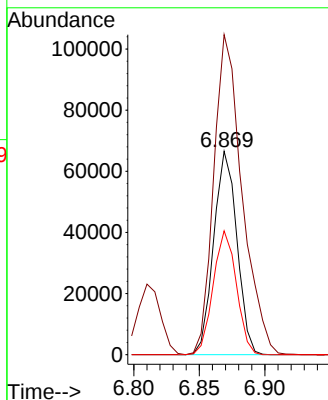
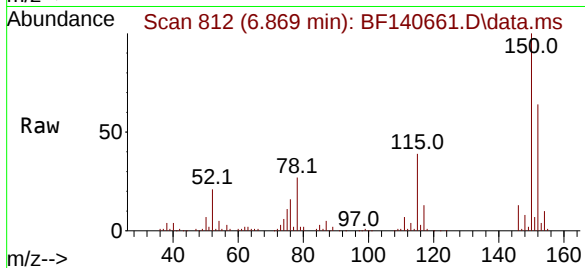




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140661.D
 Acq: 27 Nov 2024 11:22

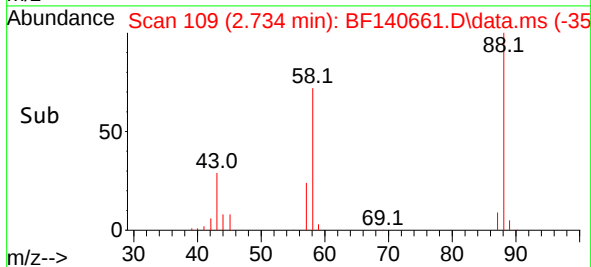
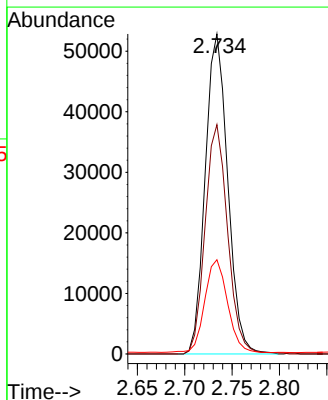
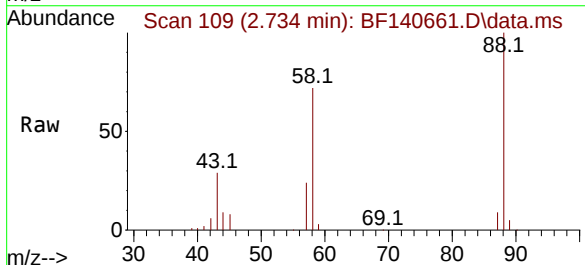
Instrument :
 BNA_F
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 PB165269BS

Tgt Ion:152 Resp: 81937
 Ion Ratio Lower Upper
 152 100
 150 157.4 128.5 192.7
 115 60.9 50.2 75.4



#2
 1,4-Dioxane
 Concen: 43.249 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.082 min
 Lab File: BF140661.D
 Acq: 27 Nov 2024 11:22

Tgt Ion: 88 Resp: 87325
 Ion Ratio Lower Upper
 88 100
 58 71.8 57.4 86.2
 43 29.2 24.3 36.5





#3

Pyridine

Concen: 49.788 ng

RT: 3.499 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

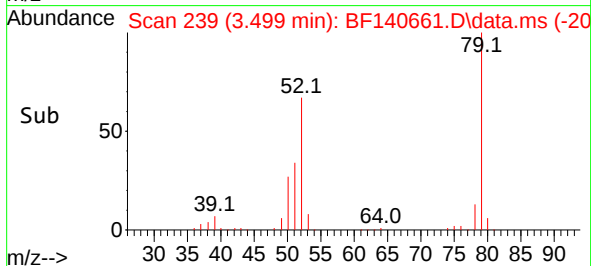
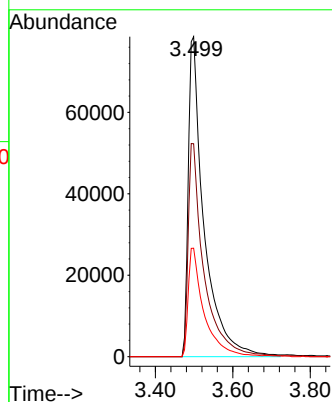
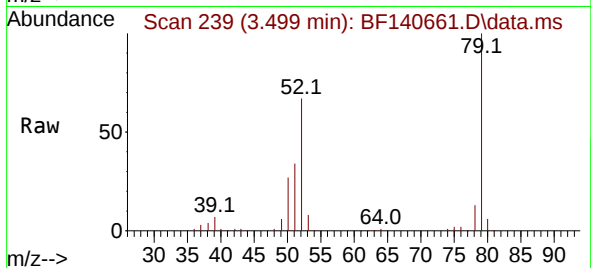
Tgt Ion: 79 Resp: 221182

Ion Ratio Lower Upper

79 100

52 66.5 52.1 78.1

51 33.9 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 46.216 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.065 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

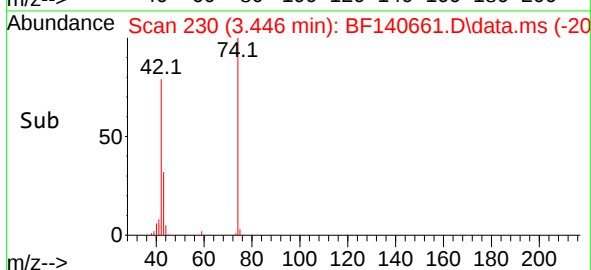
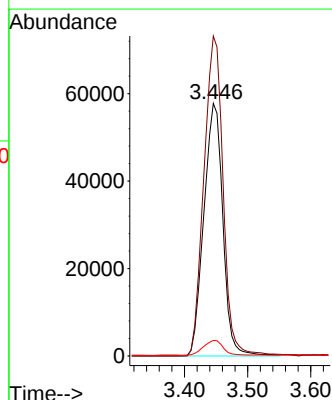
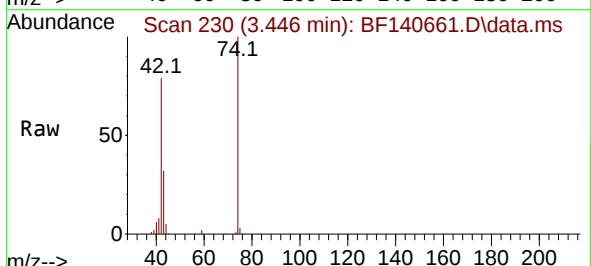
Tgt Ion: 42 Resp: 120670

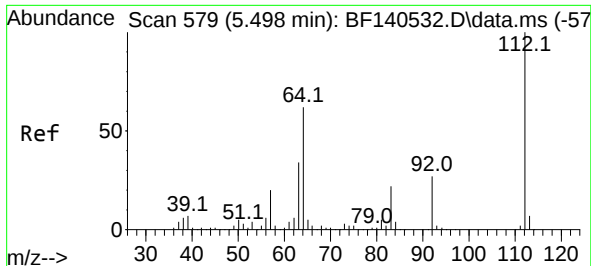
Ion Ratio Lower Upper

42 100

74 126.7 93.8 140.6

44 6.1 4.6 6.8

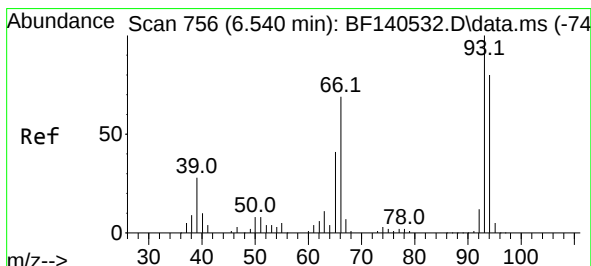
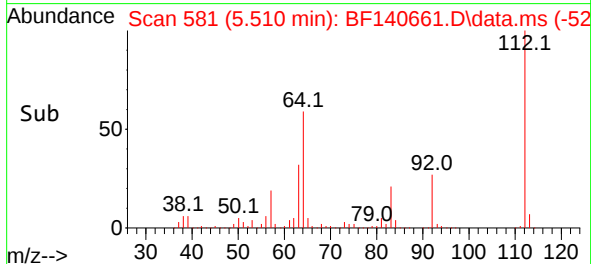
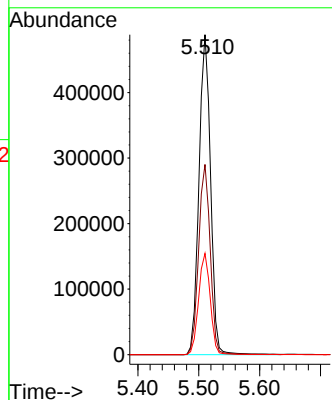
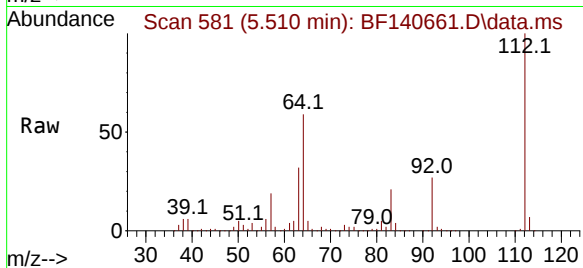




#5
2-Fluorophenol
Concen: 134.261 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

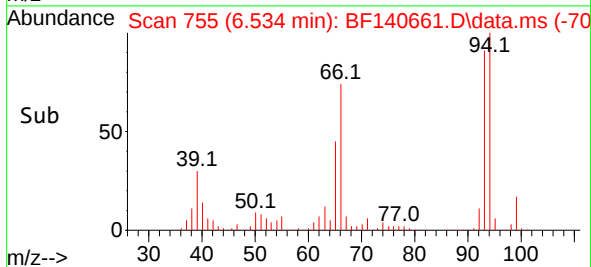
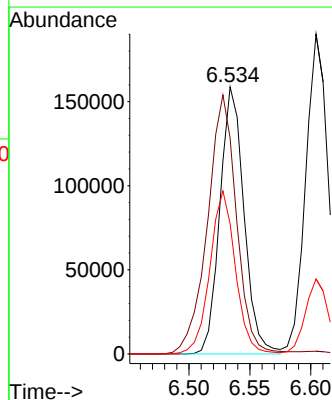
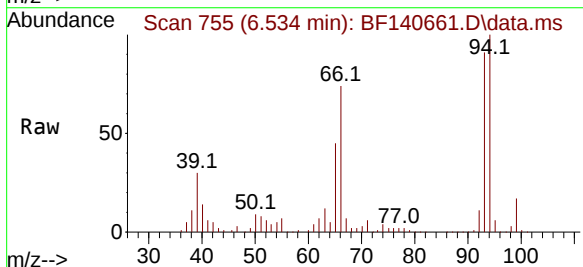
Instrument :
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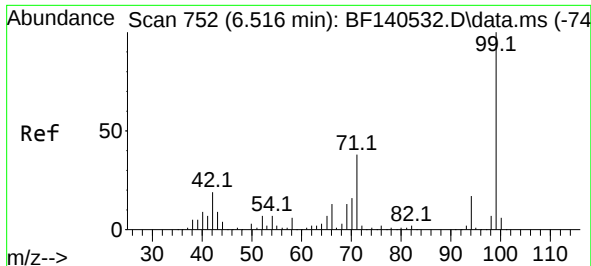
Tgt Ion:112 Resp: 644758
Ion Ratio Lower Upper
112 100
64 59.4 49.2 73.8
63 31.7 27.0 40.4



#6
Aniline
Concen: 48.877 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion: 93 Resp: 218411
Ion Ratio Lower Upper
93 100
66 80.9 56.5 84.7
65 48.8 32.9 49.3

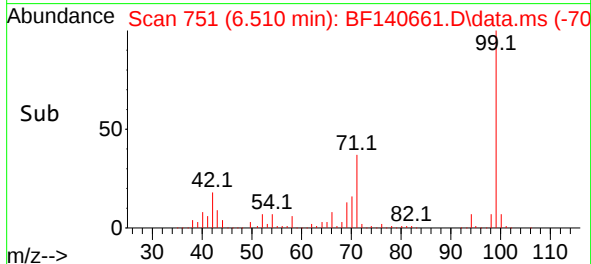
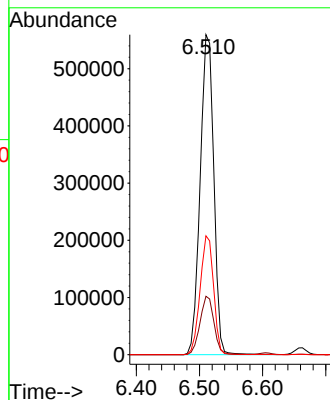
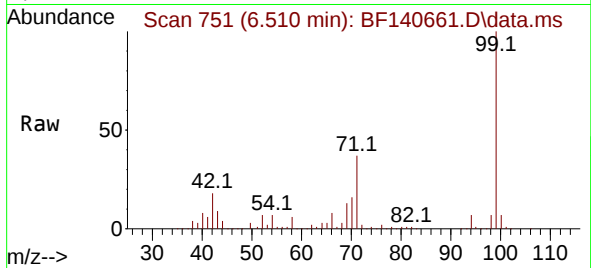




#7
Phenol-d6
Concen: 132.061 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

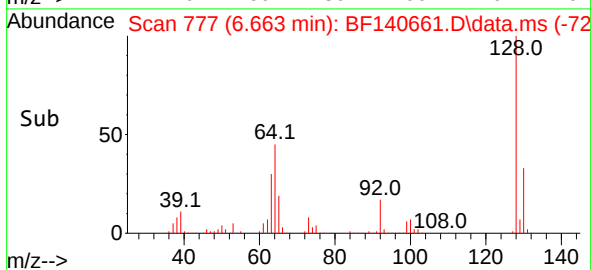
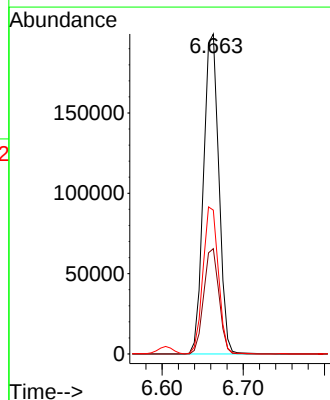
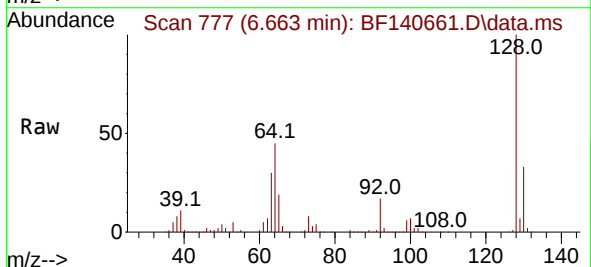
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion: 99 Resp: 838419
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.1 30.6 46.0



#8
2-Chlorophenol
Concen: 50.504 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:128 Resp: 260931
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 45.0 30.2 70.2





#9

Benzaldehyde

Concen: 32.515 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

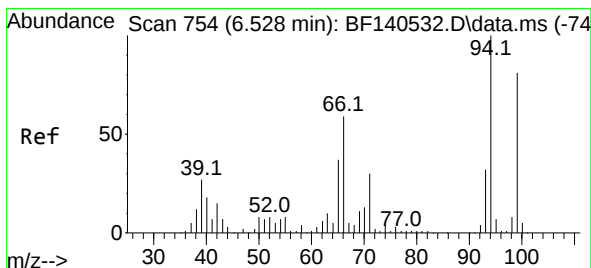
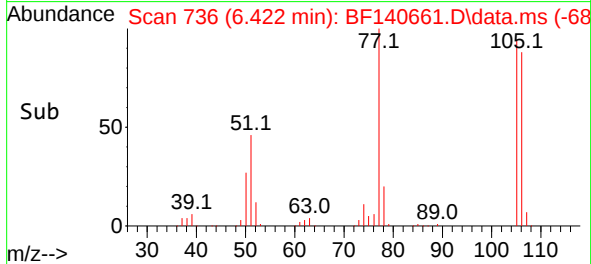
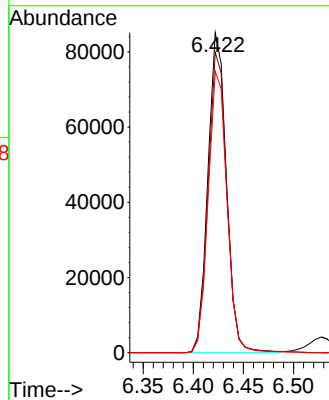
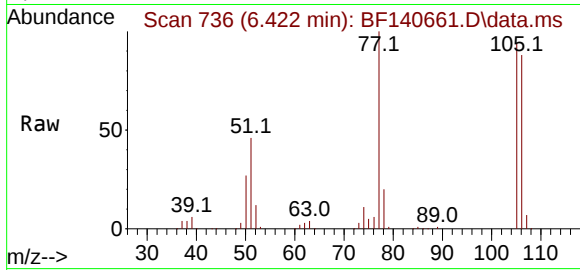
Tgt Ion: 77 Resp: 109280

Ion Ratio Lower Upper

77 100

105 93.9 75.6 115.6

106 87.9 72.0 112.0



#10

Phenol

Concen: 50.223 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

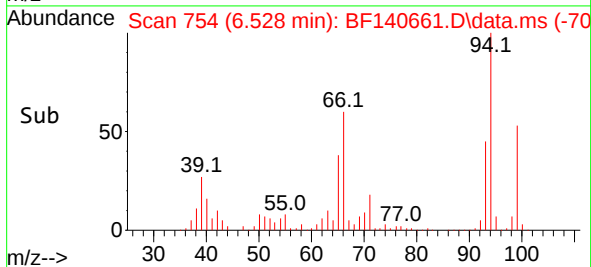
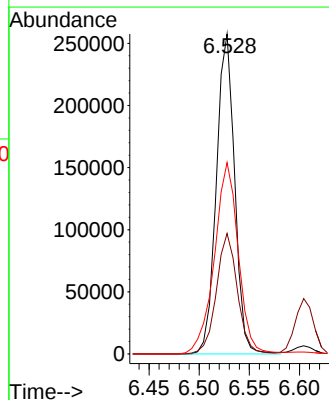
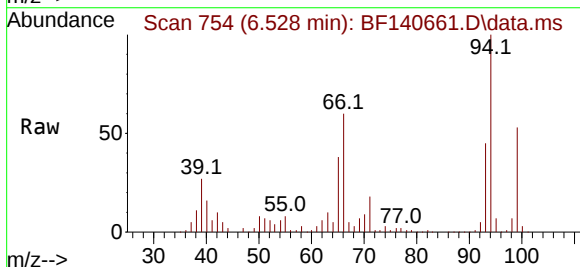
Tgt Ion: 94 Resp: 325627

Ion Ratio Lower Upper

94 100

65 37.6 17.2 57.2

66 59.8 39.2 79.2

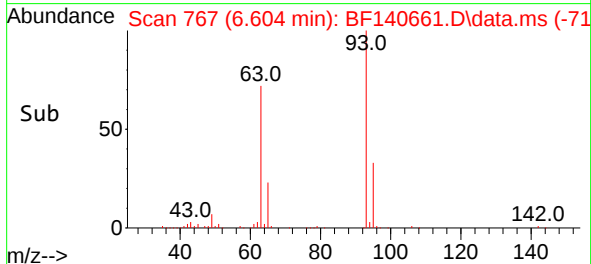
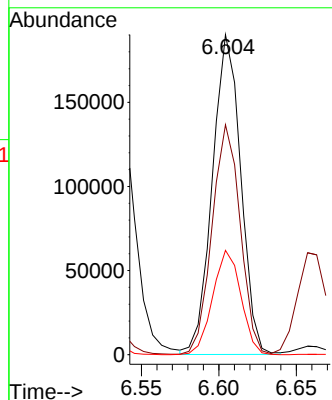
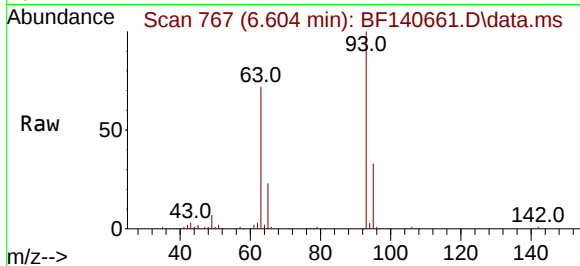




#11
bis(2-Chloroethyl)ether
Concen: 48.836 ng
RT: 6.604 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

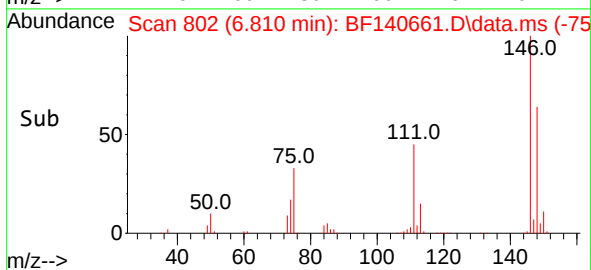
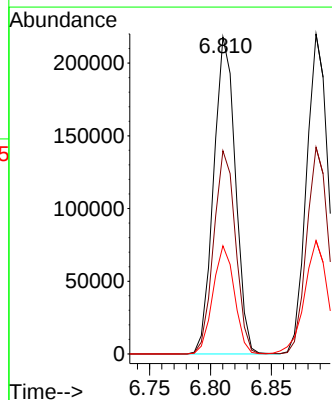
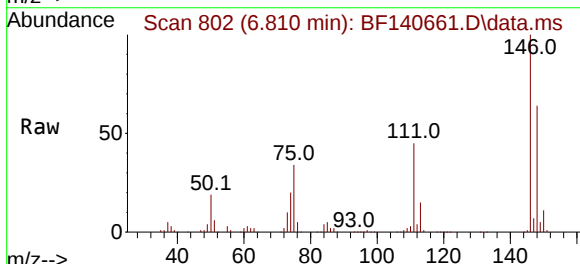
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion: 93 Resp: 242296
Ion Ratio Lower Upper
93 100
63 71.9 52.8 92.8
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.657 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:146 Resp: 270859
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 34.1 28.2 42.2

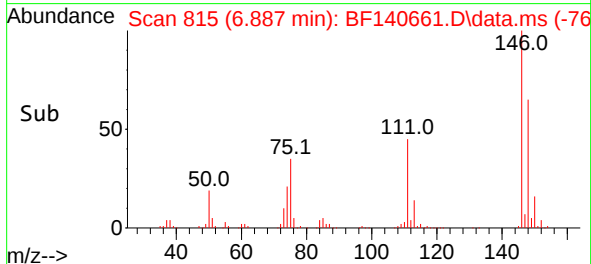
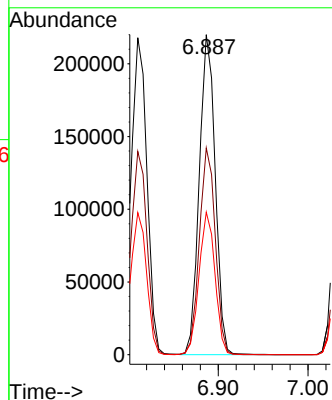
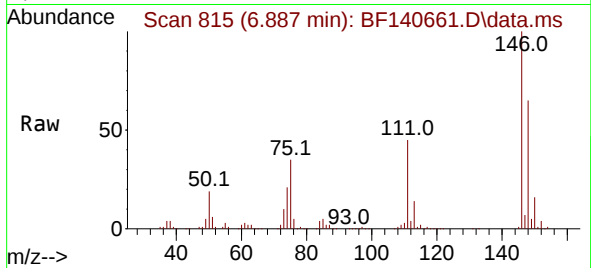




#13
1,4-Dichlorobenzene
Concen: 46.263 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

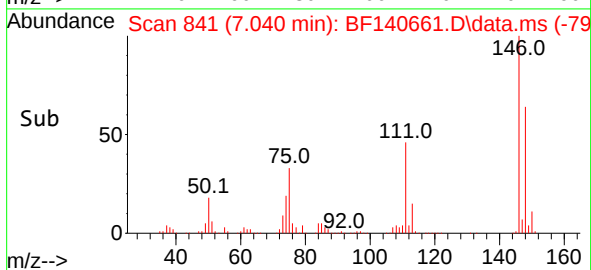
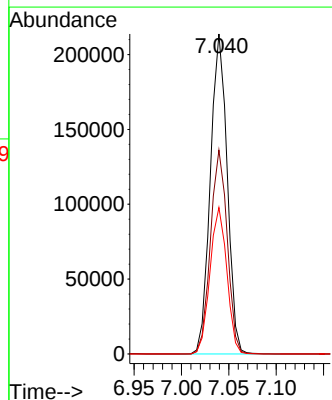
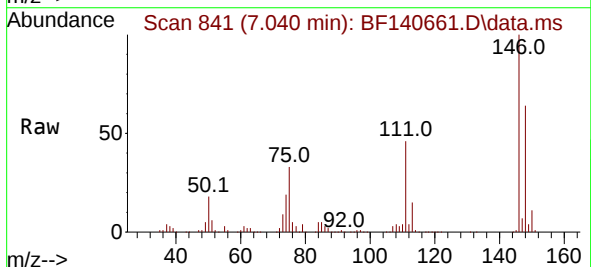
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:146 Resp: 271941
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 44.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.801 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:146 Resp: 263291
Ion Ratio Lower Upper
146 100
148 63.7 50.5 75.7
111 45.8 36.7 55.1

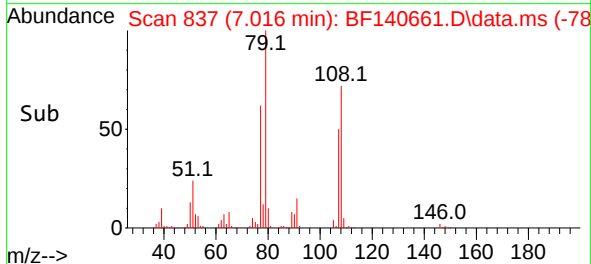
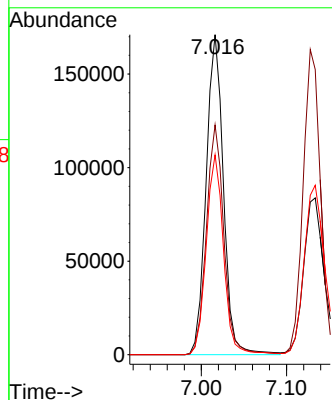
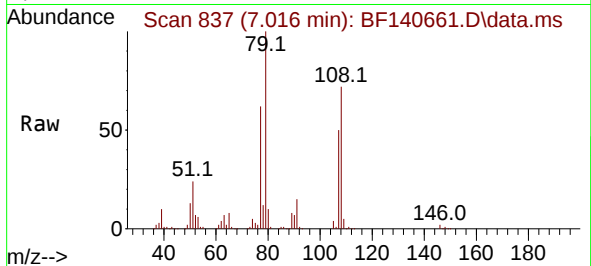




#15
Benzyl Alcohol
Concen: 51.256 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

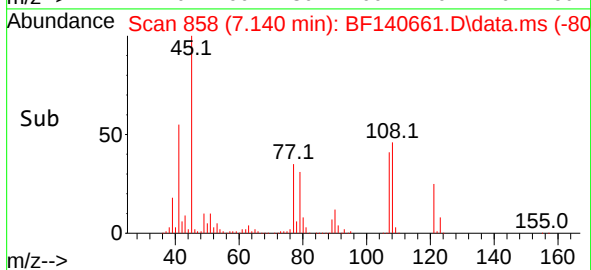
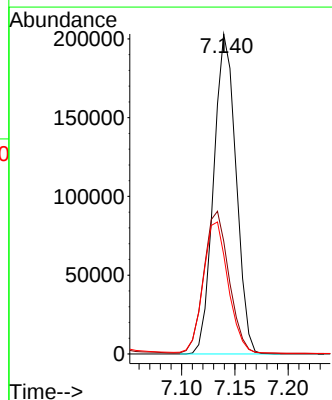
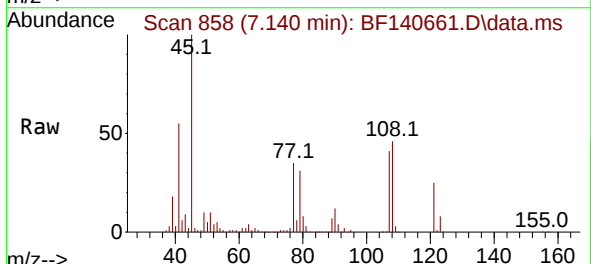
Instrument :
BNA_F
ClientSampleId :
PB165269BS

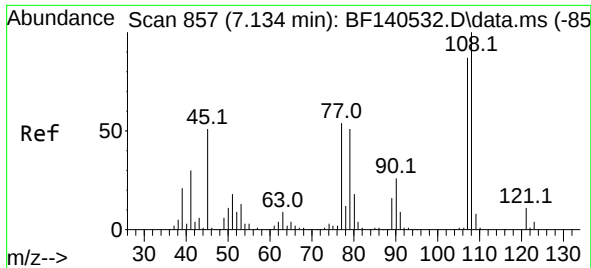
Tgt Ion: 79 Resp: 241323
Ion Ratio Lower Upper
79 100
108 71.8 55.0 82.6
77 62.4 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.486 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion: 45 Resp: 295922
Ion Ratio Lower Upper
45 100
77 35.3 10.7 50.7
79 31.0 7.0 47.0

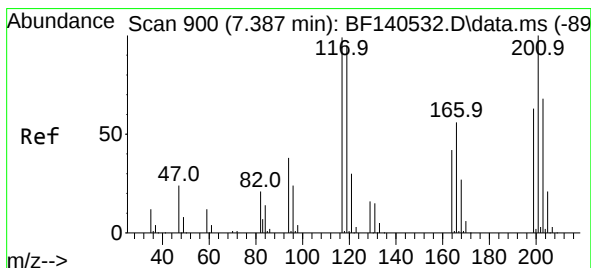
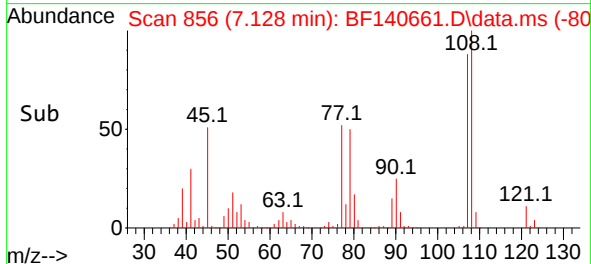
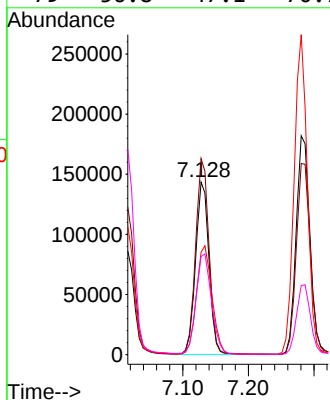
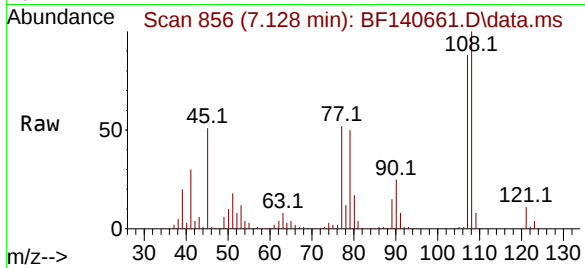




#17
2-Methylphenol
Concen: 49.474 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

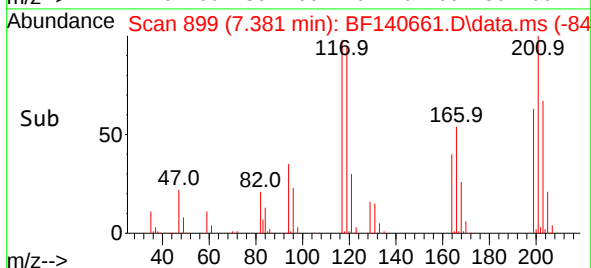
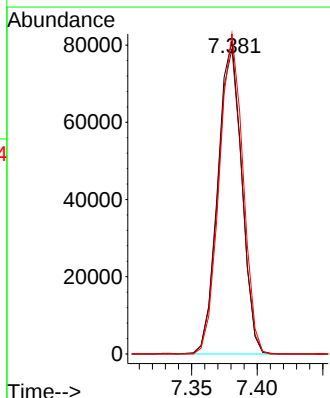
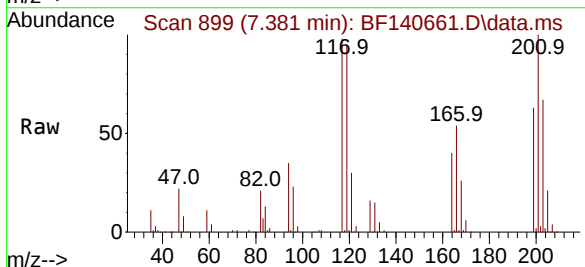
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:	107	Resp:	204612
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.7	137.5
77	59.4	49.3	73.9
79	56.8	47.1	70.7



#18
Hexachloroethane
Concen: 46.541 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:	117	Resp:	102177
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.1	115.7
201	102.3	81.1	121.7



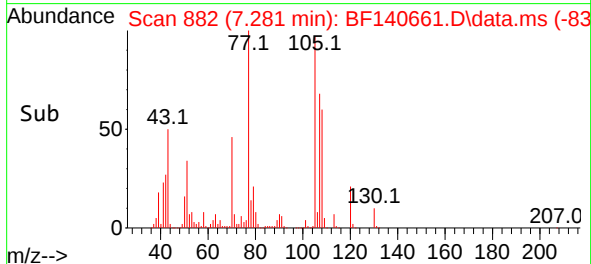
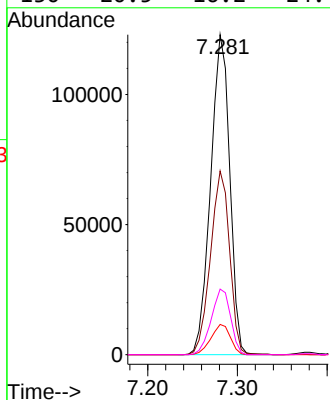
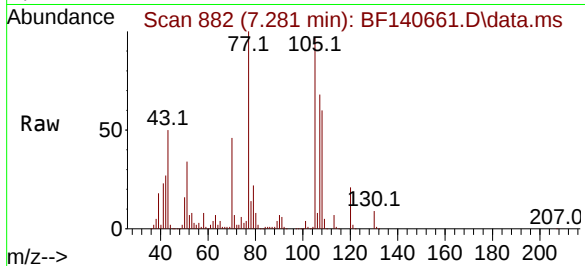


#19
n-Nitroso-di-n-propylamine
Concen: 48.440 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion: 70 Resp: 181750

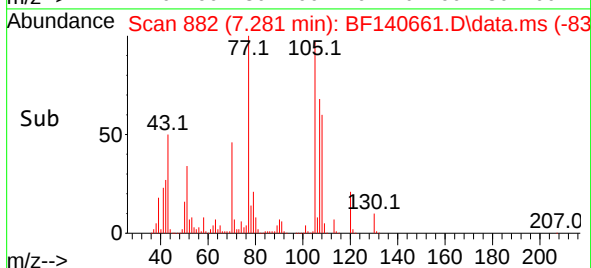
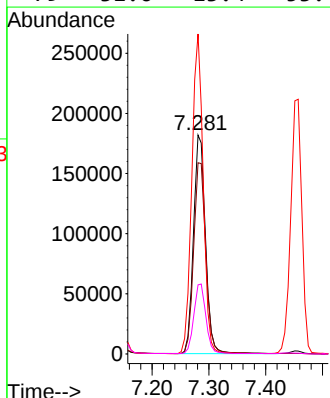
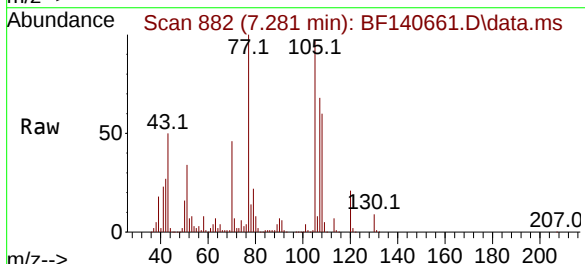
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.6	71.4
101	9.4	7.6	11.4
130	20.5	16.2	24.4



#20
3+4-Methylphenols
Concen: 50.258 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion: 107 Resp: 267166

Ion	Ratio	Lower	Upper
107	100		
108	87.4	69.9	109.9
77	146.2	117.7	157.7
79	31.6	13.4	53.4



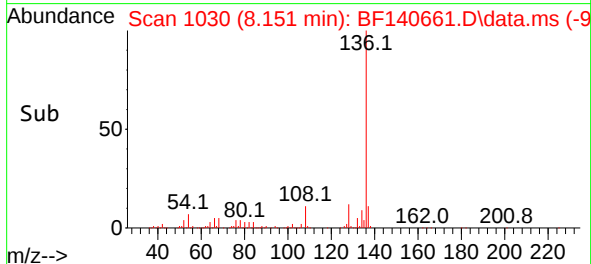
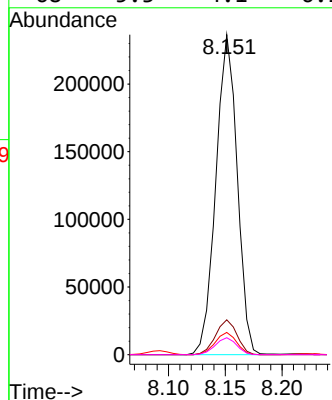
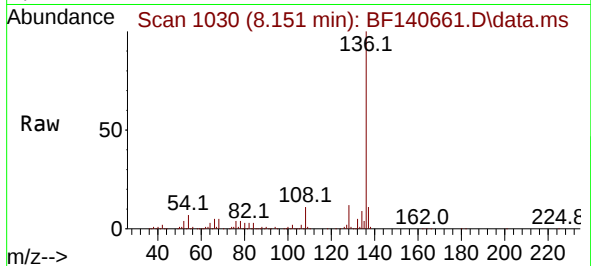


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:136 Resp: 309564

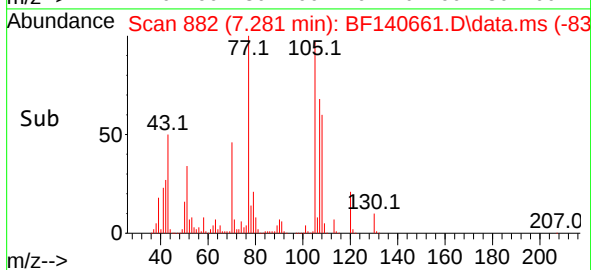
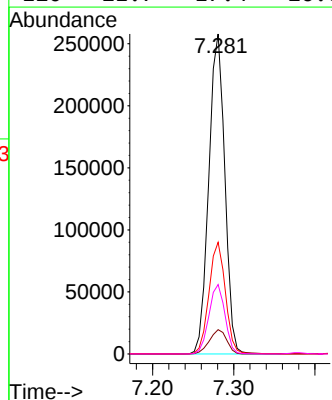
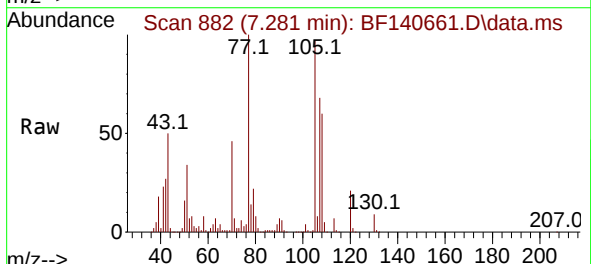
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.9	5.8	8.8
68	5.3	4.1	6.1



#22
Acetophenone
Concen: 46.795 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:105 Resp: 353162

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.2
51	34.9	29.0	43.6
120	21.7	17.4	26.0





#23

Nitrobenzene-d5

Concen: 90.737 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

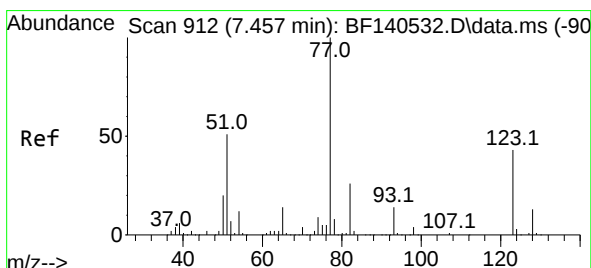
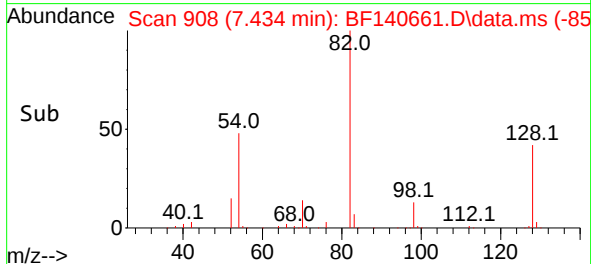
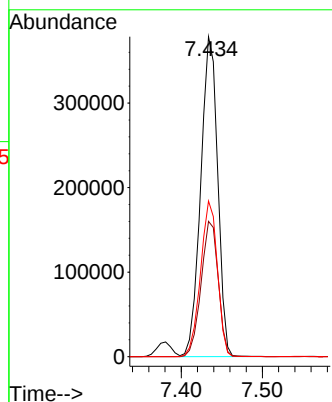
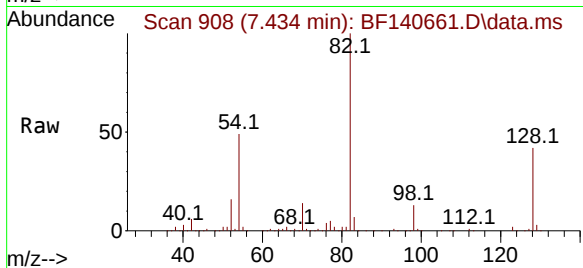
Tgt Ion: 82 Resp: 549143

Ion Ratio Lower Upper

82 100

128 42.3 33.0 49.4

54 48.7 39.5 59.3



#24

Nitrobenzene

Concen: 45.761 ng

RT: 7.457 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

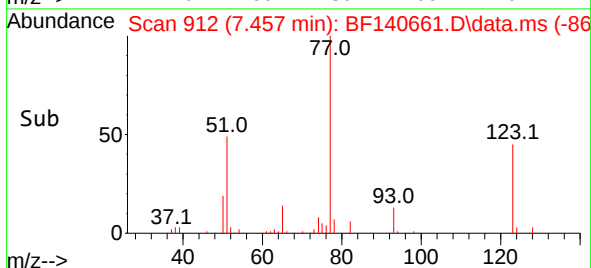
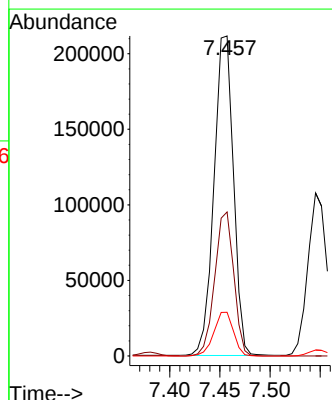
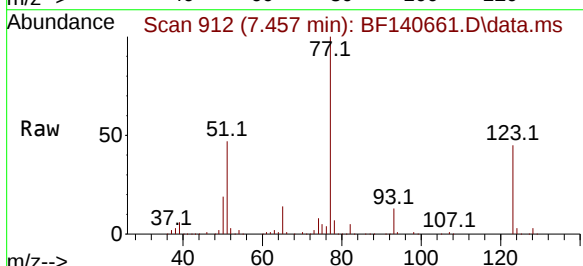
Tgt Ion: 77 Resp: 286237

Ion Ratio Lower Upper

77 100

123 45.0 34.3 51.5

65 13.6 11.2 16.8

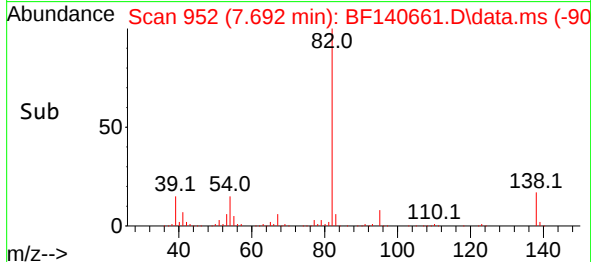
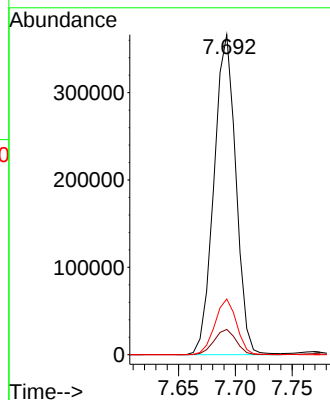
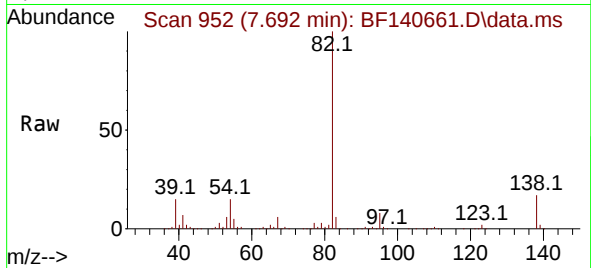




#25
Isophorone
Concen: 48.741 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

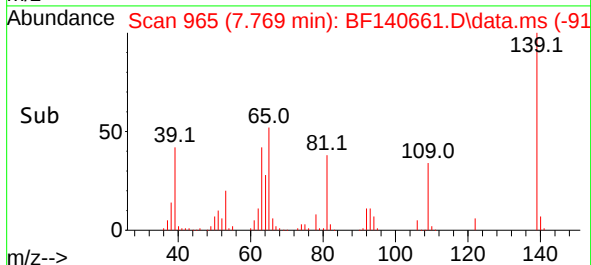
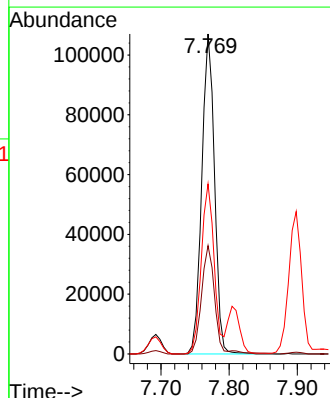
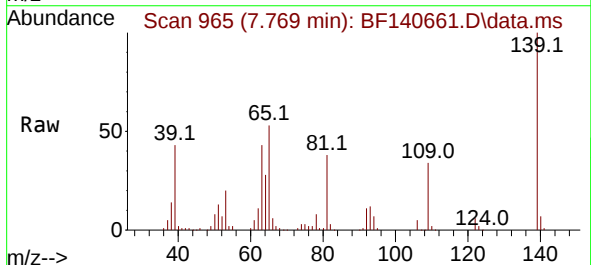
Instrument :
BNA_F
ClientSampleId :
PB165269BS

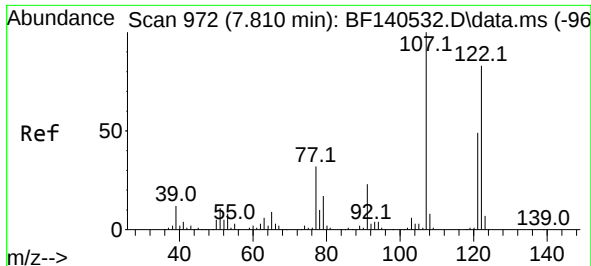
Tgt Ion: 82 Resp: 492010
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 50.373 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:139 Resp: 139631
Ion Ratio Lower Upper
139 100
109 33.8 28.0 42.0
65 53.2 44.6 67.0

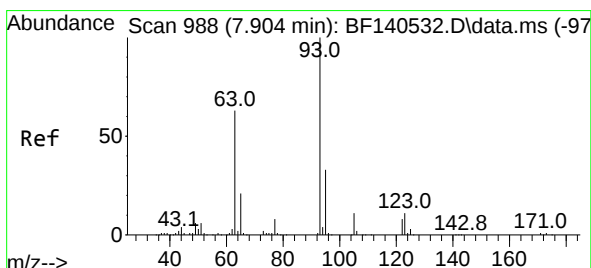
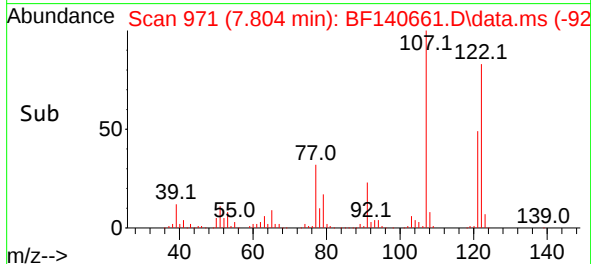
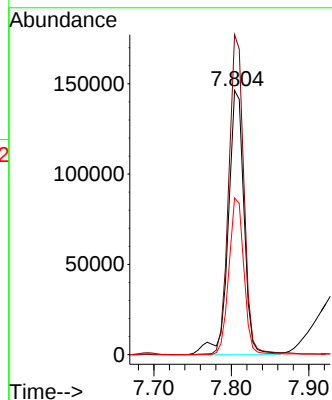
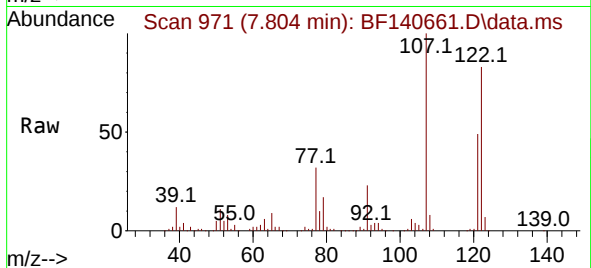




#27
2,4-Dimethylphenol
Concen: 62.782 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

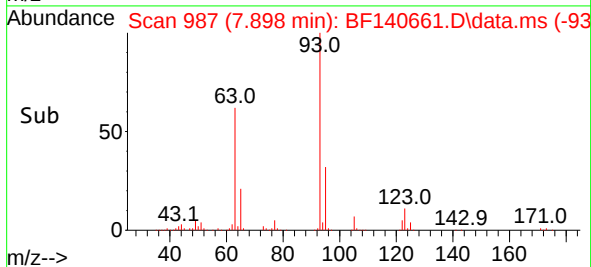
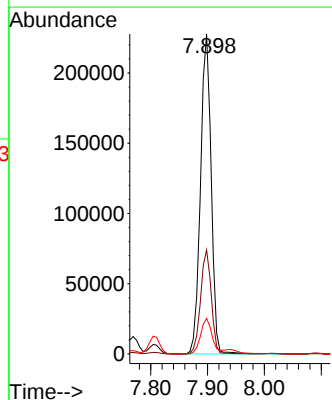
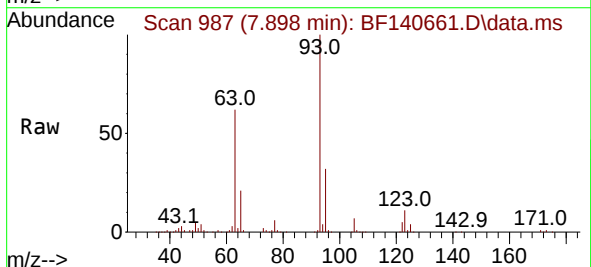
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:122 Resp: 208219
Ion Ratio Lower Upper
122 100
107 121.1 96.8 145.2
121 59.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 48.475 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion: 93 Resp: 298097
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.805 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

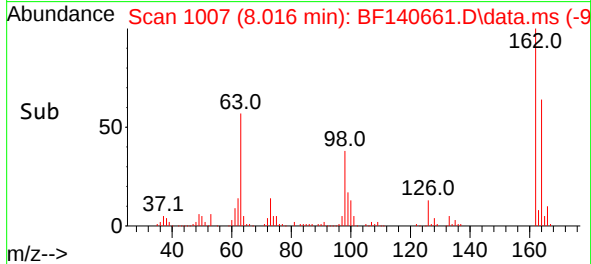
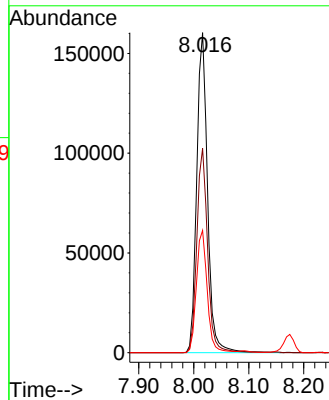
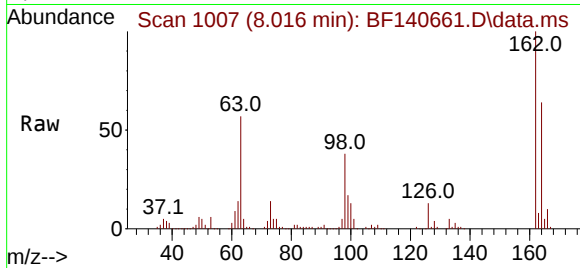
Tgt Ion:162 Resp: 218877

Ion Ratio Lower Upper

162 100

164 63.8 44.8 84.8

98 38.2 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.681 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

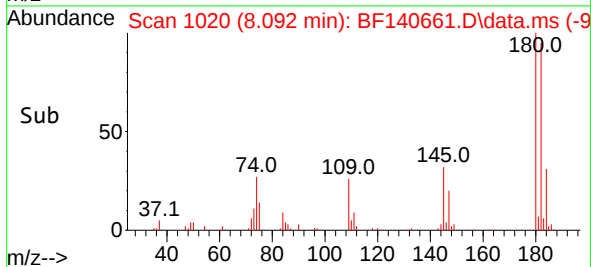
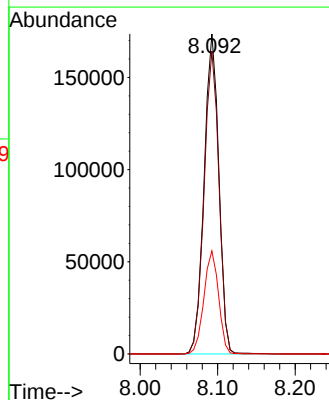
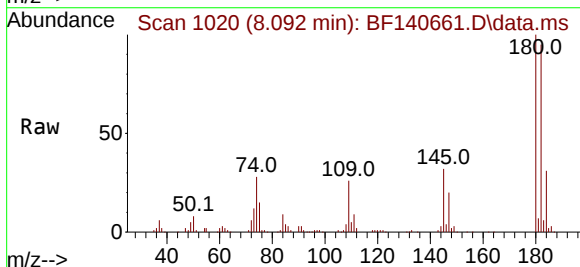
Tgt Ion:180 Resp: 229213

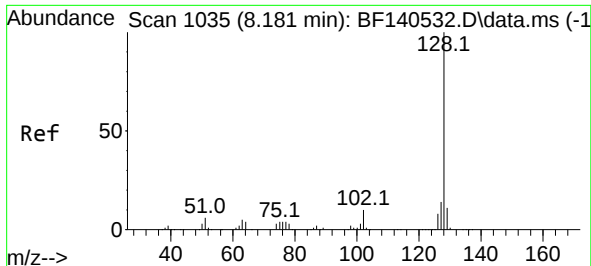
Ion Ratio Lower Upper

180 100

182 94.6 76.4 114.6

145 32.2 25.9 38.9

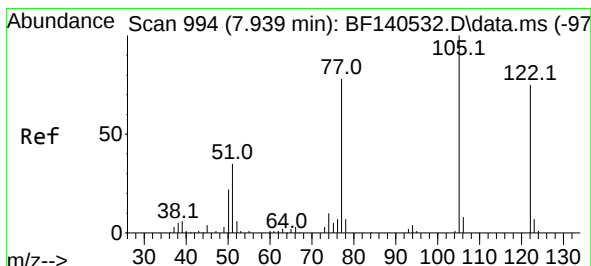
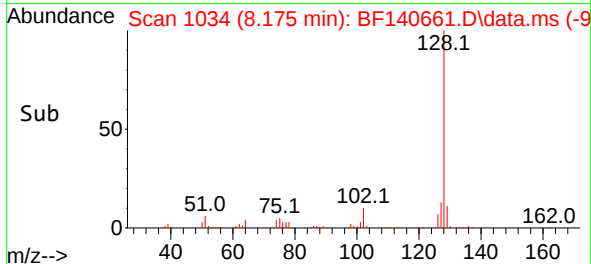
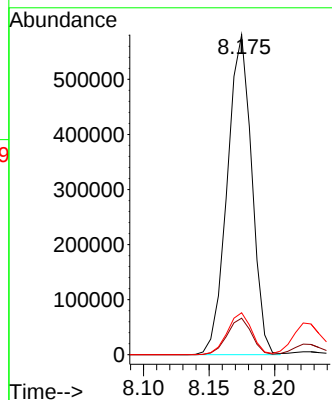
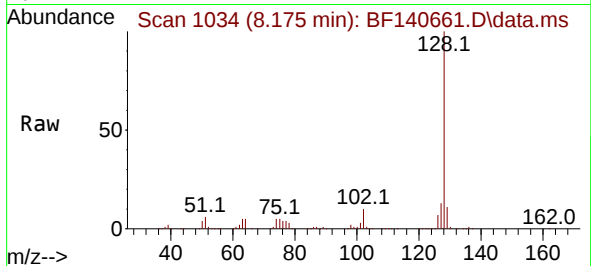




#31
Naphthalene
Concen: 47.352 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

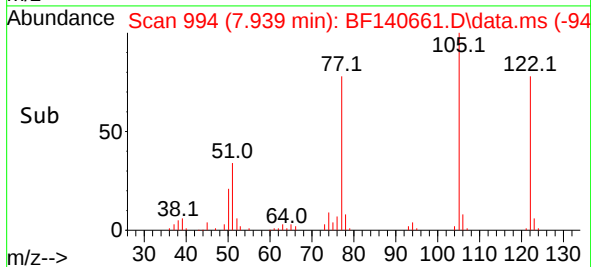
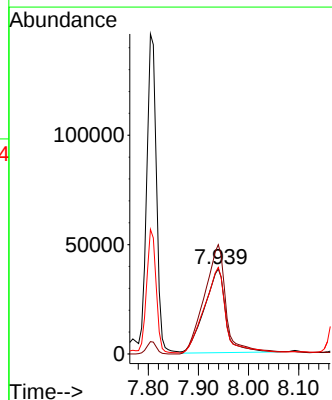
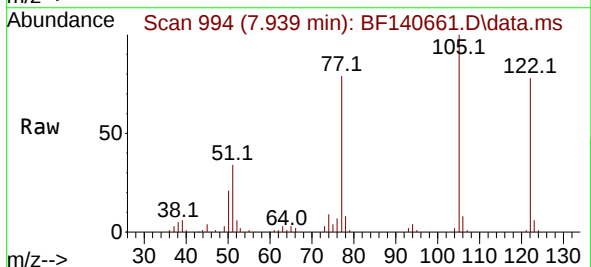
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:128 Resp: 755045
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 40.628 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:122 Resp: 113509
Ion Ratio Lower Upper
122 100
105 128.4 109.3 149.3
77 101.7 82.3 122.3

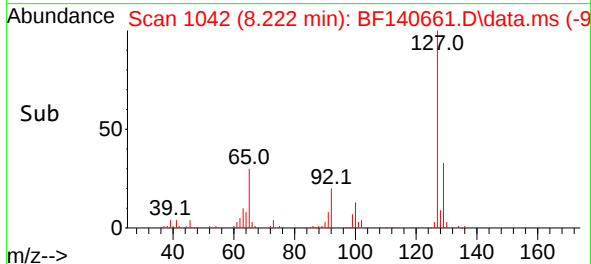
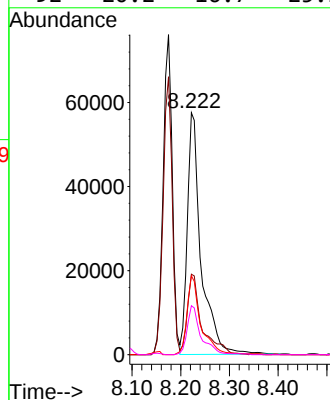
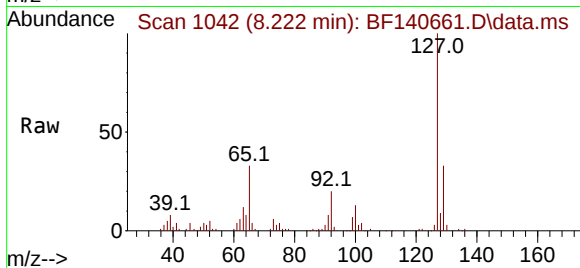




#33
4-Chloroaniline
Concen: 23.640 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

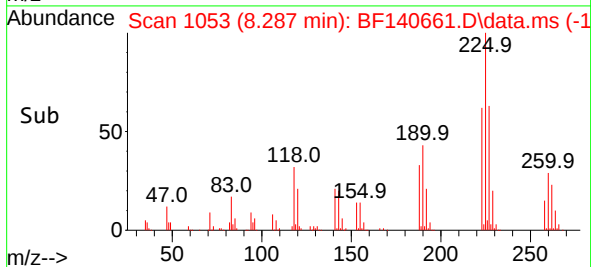
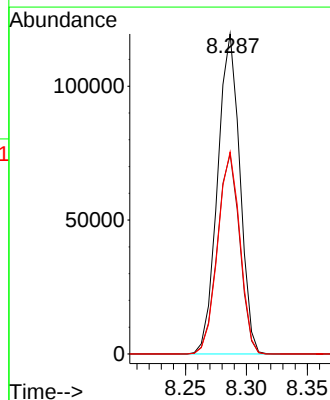
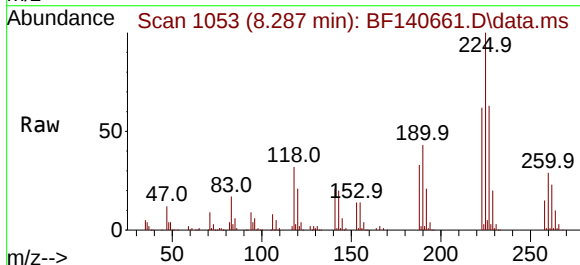
Instrument :
BNA_F
ClientSampleId :
PB165269BS

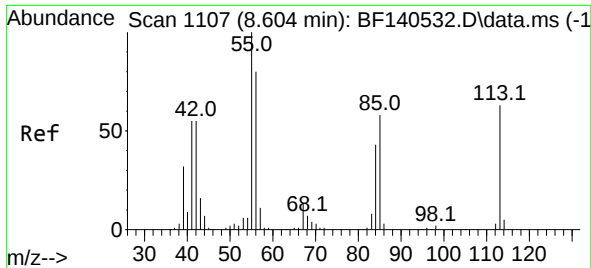
Tgt Ion:127	Resp:	112860
Ion	Ratio	Lower Upper
127	100	
129	33.2	26.0 39.0
65	32.6	26.0 39.0
92	20.2	16.7 25.1



#34
Hexachlorobutadiene
Concen: 45.721 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:225	Resp:	151953
Ion	Ratio	Lower Upper
225	100	
223	62.4	49.8 74.8
227	63.2	51.3 76.9

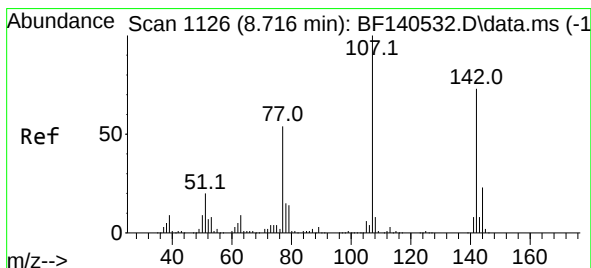
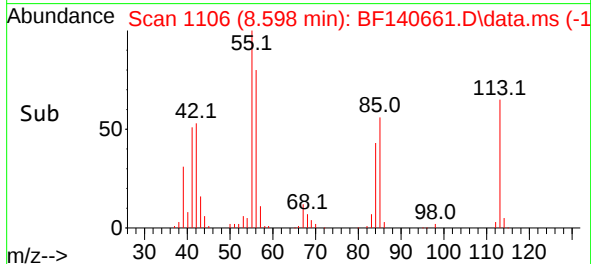
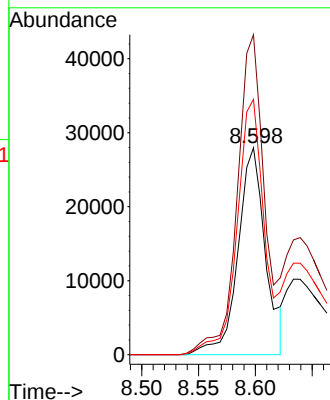
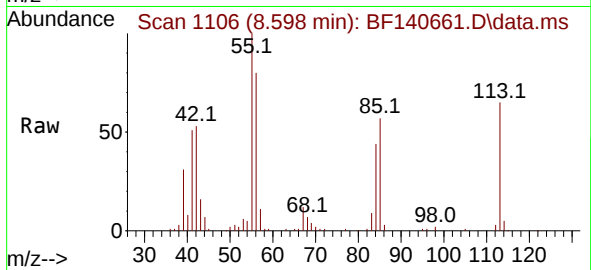




#35
 Caprolactam
 Concen: 34.477 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.006 min
 Lab File: BF140661.D
 Acq: 27 Nov 2024 11:22

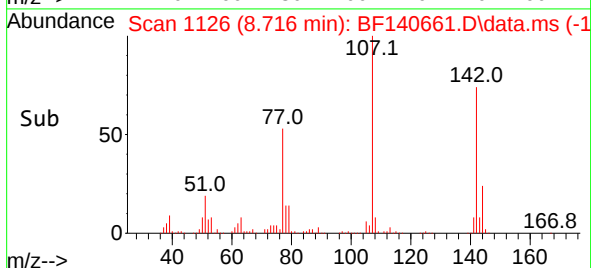
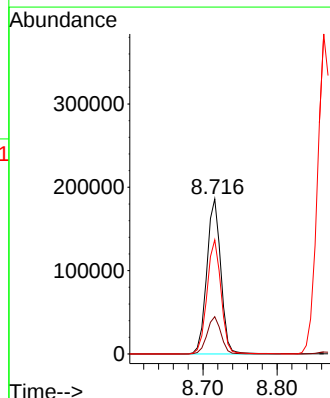
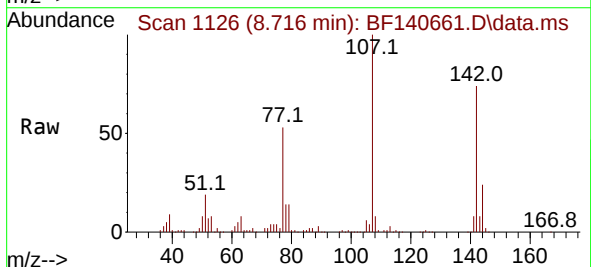
Instrument :
 BNA_F
 ClientSampleId :
 PB165269BS

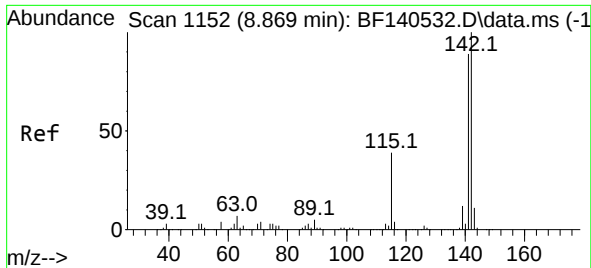
Tgt Ion:113 Resp: 46889
 Ion Ratio Lower Upper
 113 100
 55 154.7 137.7 177.7
 56 123.5 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.912 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140661.D
 Acq: 27 Nov 2024 11:22

Tgt Ion:107 Resp: 245586
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.7 28.1
 142 73.6 58.3 87.5

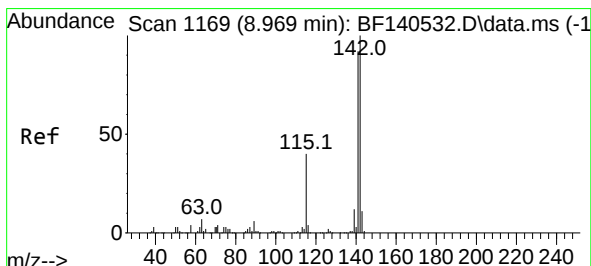
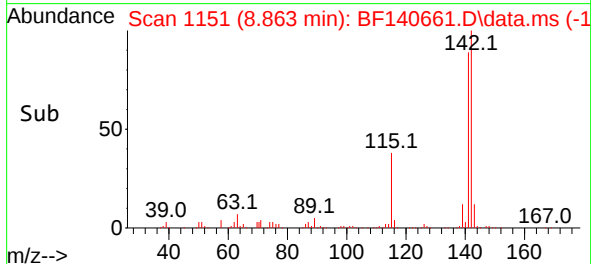
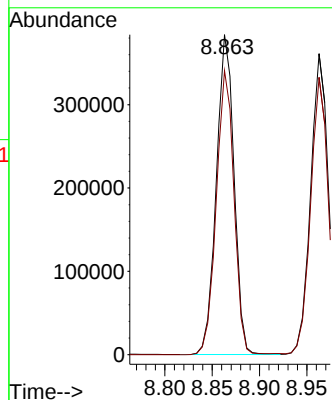
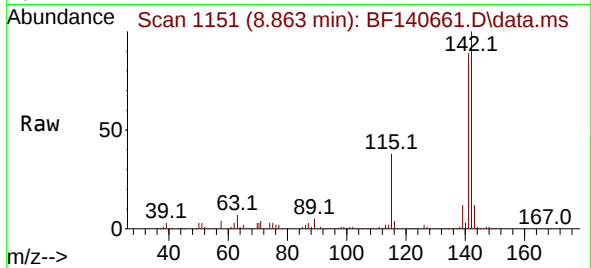




#37
2-Methylnaphthalene
Concen: 49.359 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

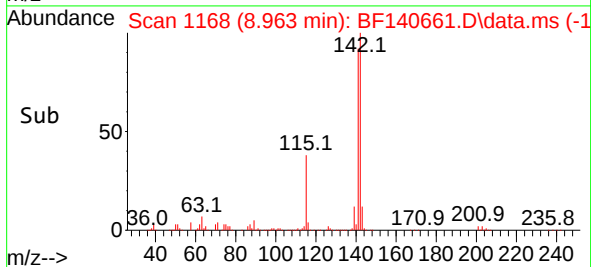
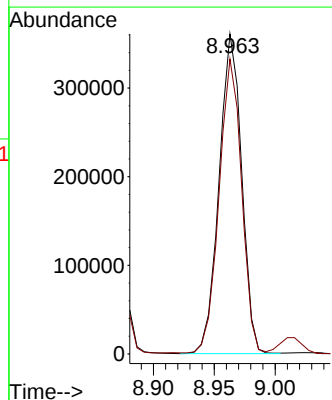
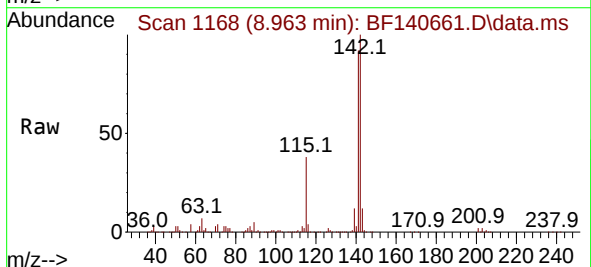
Instrument :
BNA_F
ClientSampleId :
PB165269BS

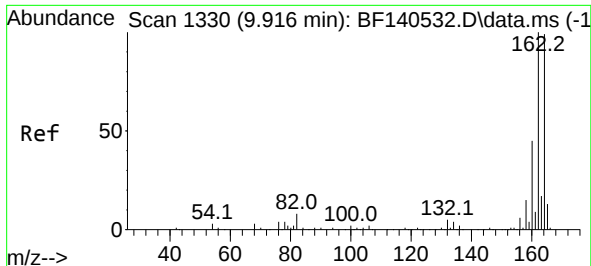
Tgt Ion:142 Resp: 499898
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.852 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:142 Resp: 465106
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

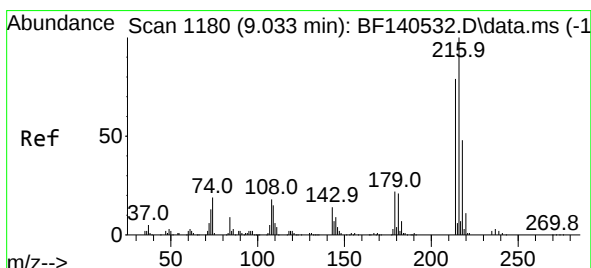
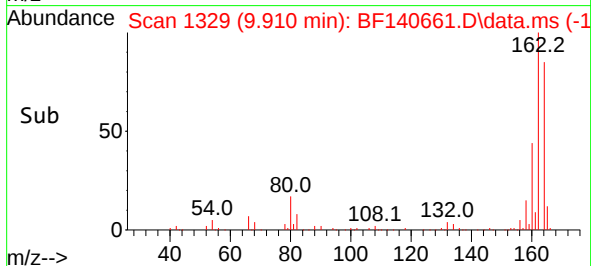
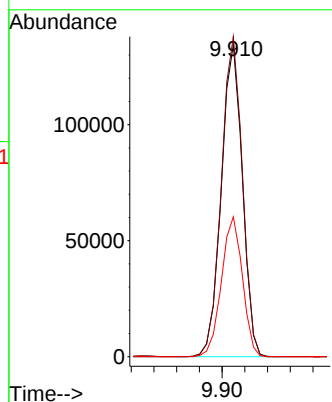
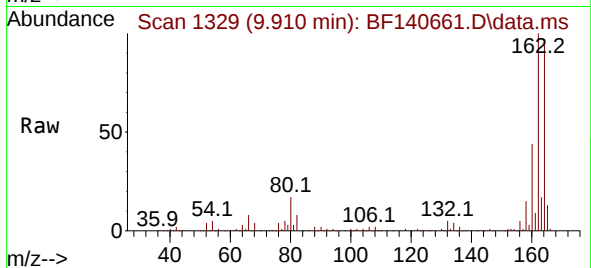
Tgt Ion:164 Resp: 172880

Ion Ratio Lower Upper

164 100

162 102.6 80.6 120.8

160 44.8 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.963 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:216 Resp: 242742

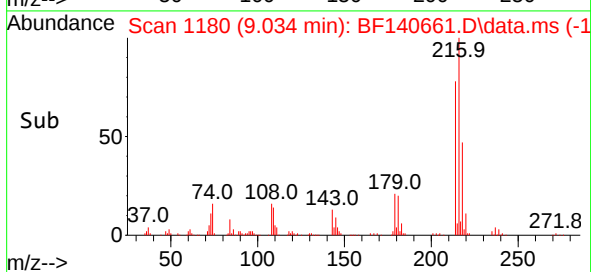
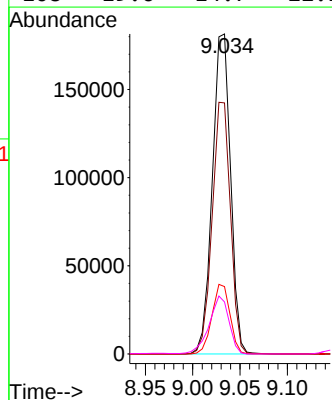
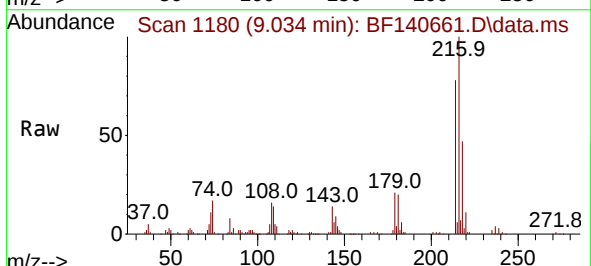
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 21.4 17.5 26.3

108 19.6 14.7 22.1

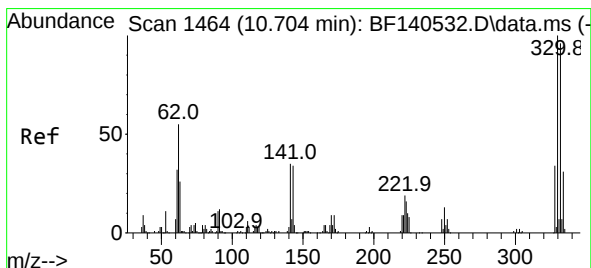
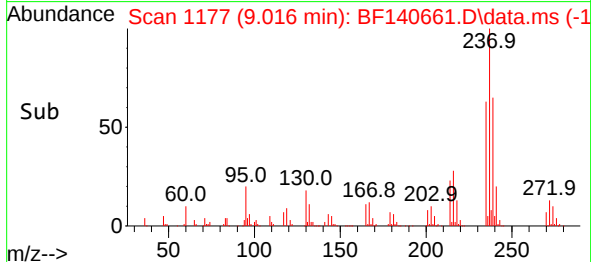
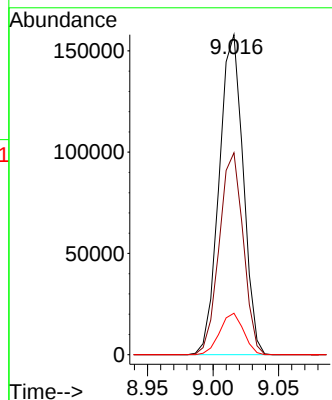
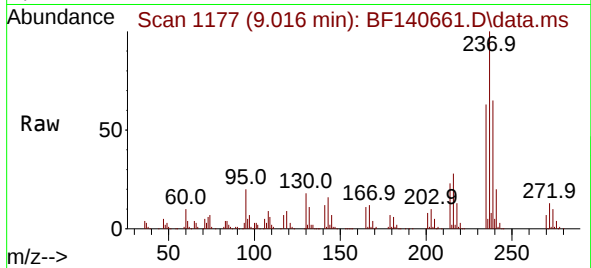




#41
Hexachlorocyclopentadiene
Concen: 167.902 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

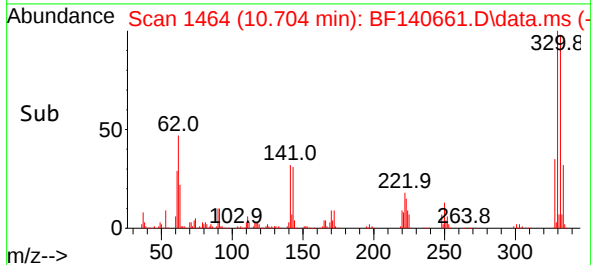
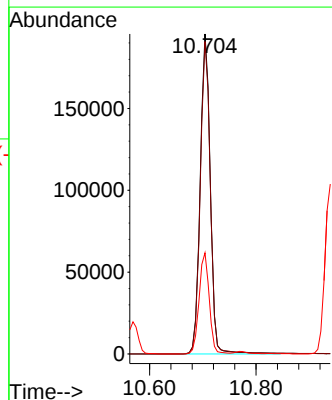
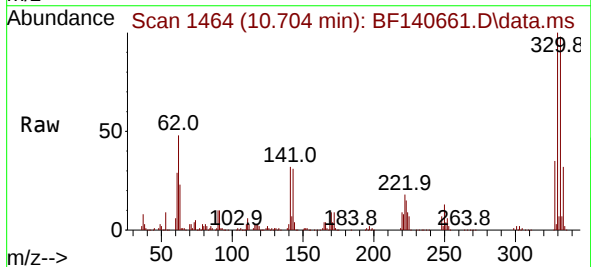
Instrument :
BNA_F
ClientSampleId :
PB165269BS

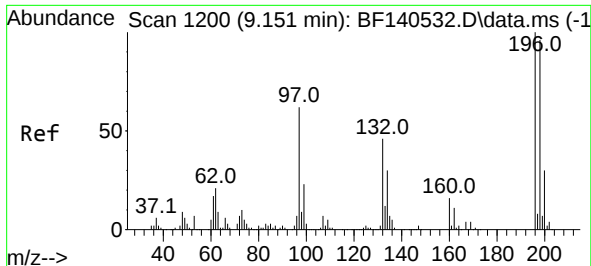
Tgt Ion:237 Resp: 201037
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.0 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 139.459 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:330 Resp: 257855
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 31.9 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 48.409 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

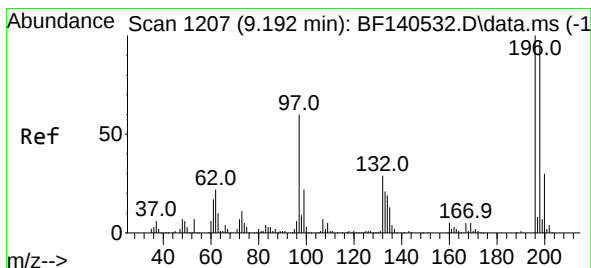
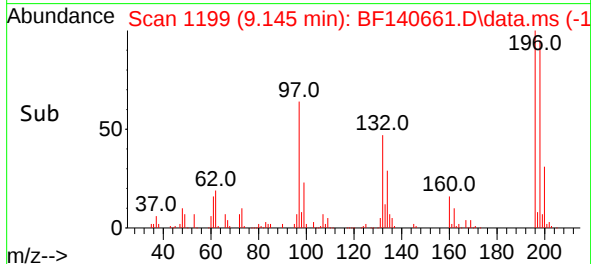
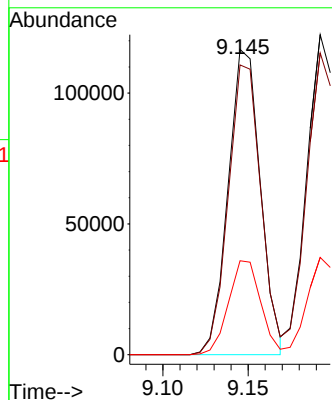
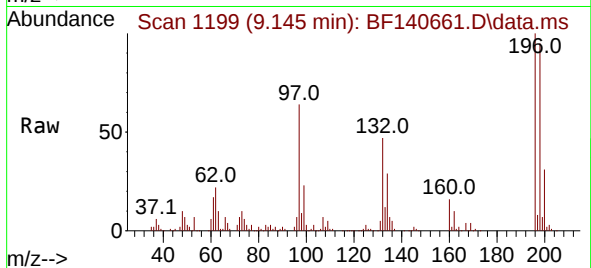
Tgt Ion:196 Resp: 153735

Ion Ratio Lower Upper

196 100

198 94.9 76.8 115.2

200 30.8 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.251 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:196 Resp: 166304

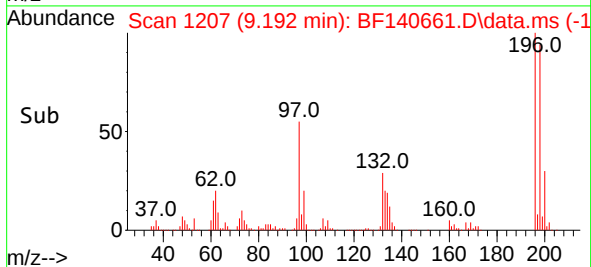
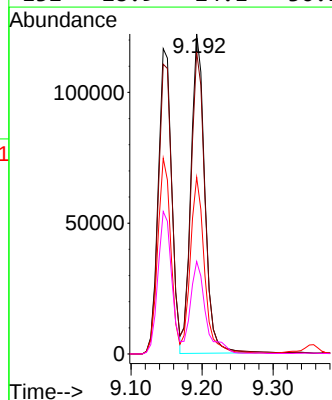
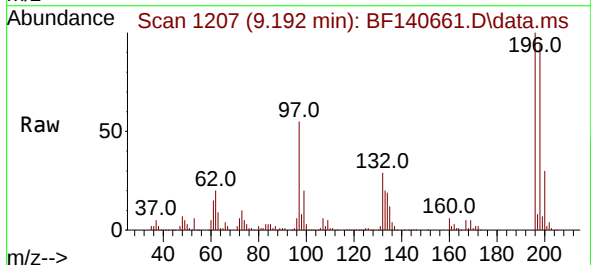
Ion Ratio Lower Upper

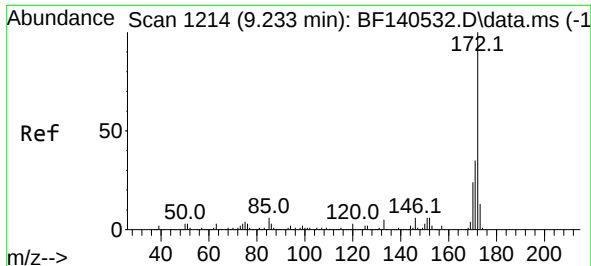
196 100

198 94.3 77.2 115.8

97 55.2 47.1 70.7

132 28.9 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 90.715 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

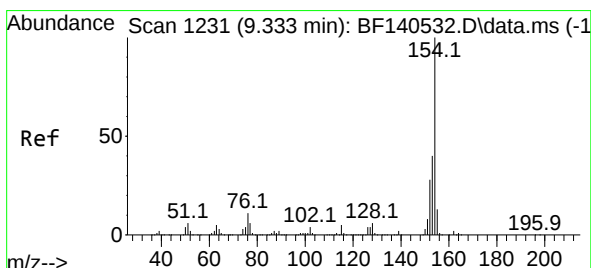
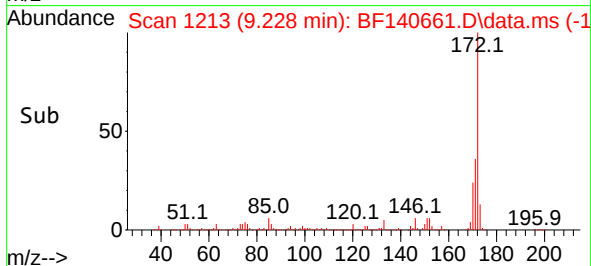
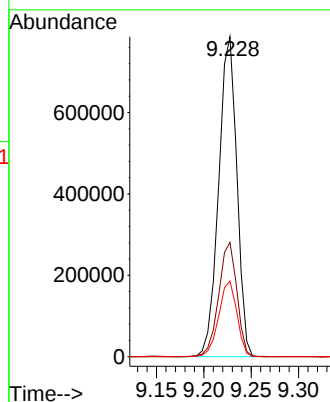
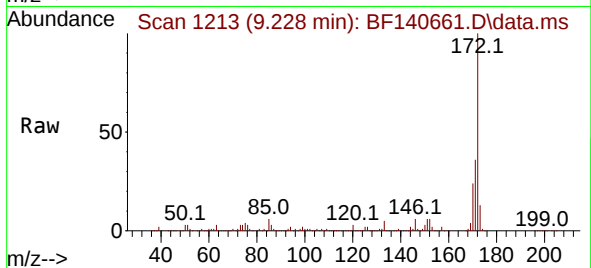
Tgt Ion:172 Resp: 1052576

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.491 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

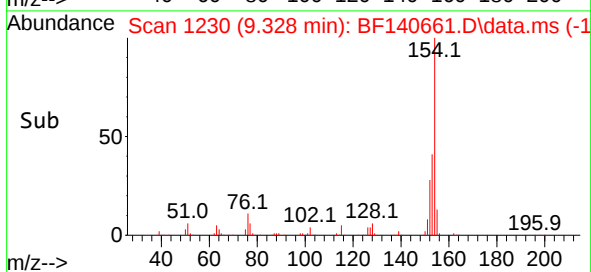
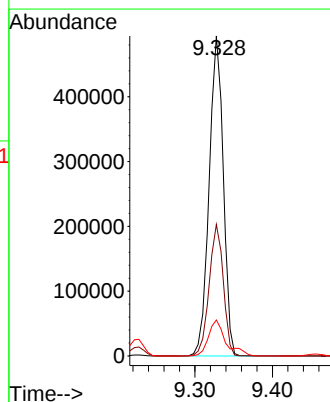
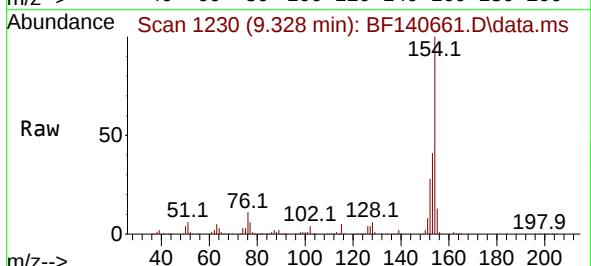
Tgt Ion:154 Resp: 625897

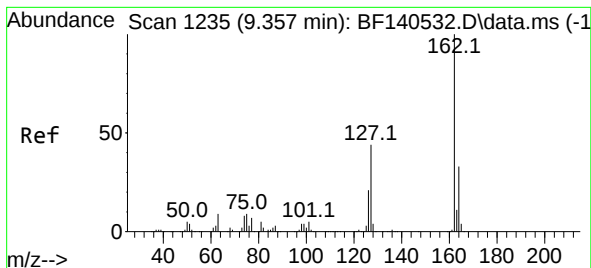
Ion Ratio Lower Upper

154 100

153 41.1 20.4 60.4

76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.767 ng

RT: 9.357 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

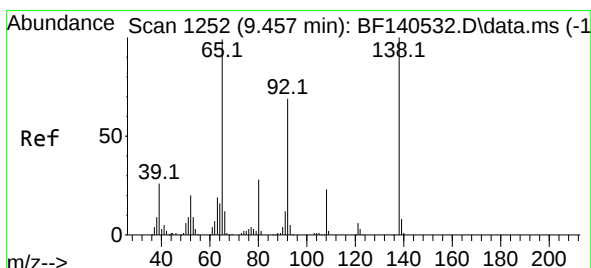
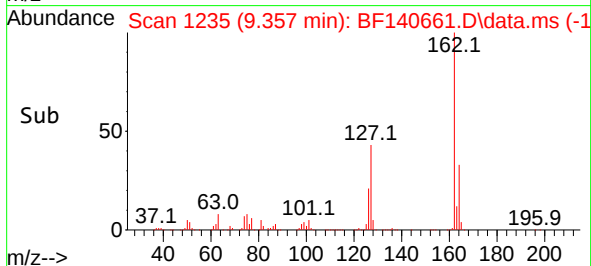
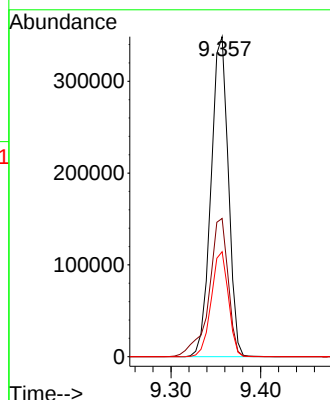
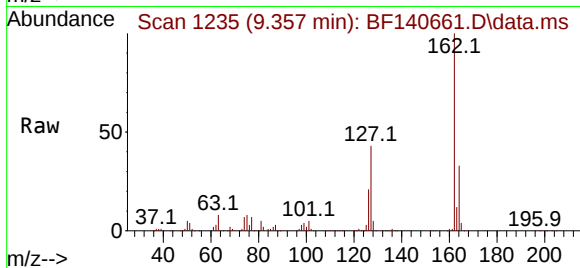
Tgt Ion:162 Resp: 467173

Ion Ratio Lower Upper

162 100

127 43.2 35.7 53.5

164 32.8 26.1 39.1



#48

2-Nitroaniline

Concen: 50.062 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

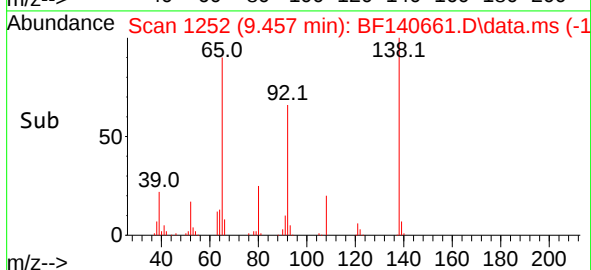
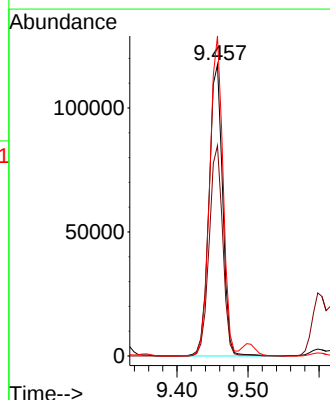
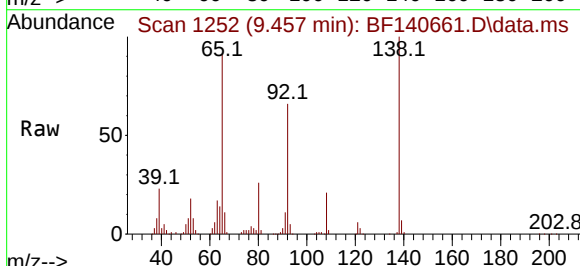
Tgt Ion: 65 Resp: 157156

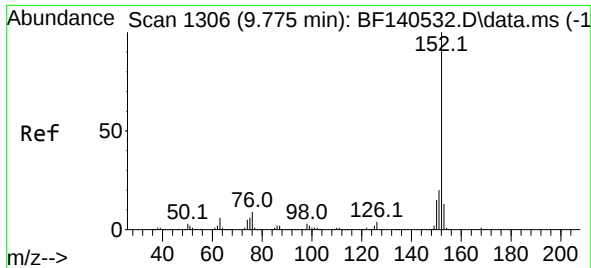
Ion Ratio Lower Upper

65 100

92 72.2 56.1 84.1

138 109.8 81.0 121.6





#49

Acenaphthylene

Concen: 52.565 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

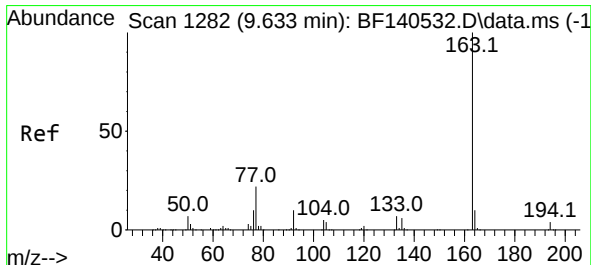
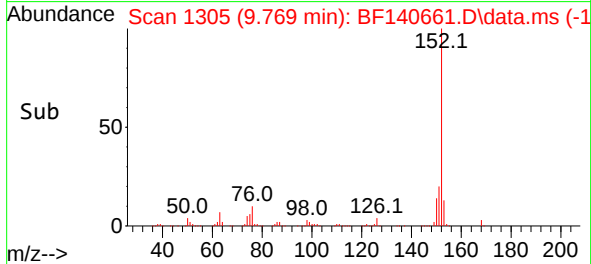
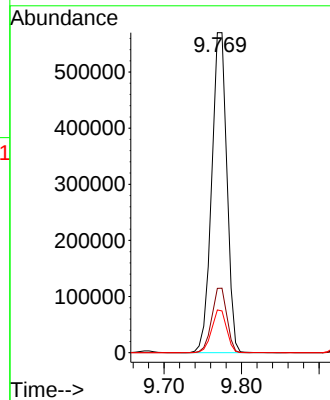
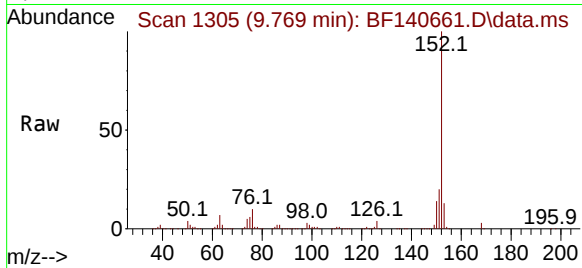
Tgt Ion:152 Resp: 776768

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 50.099 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

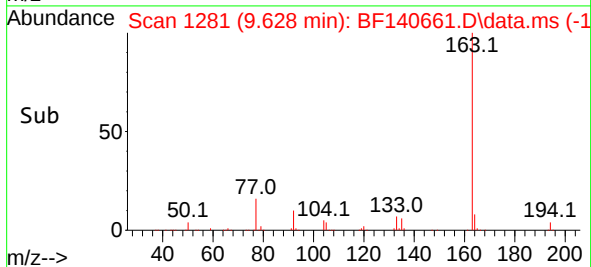
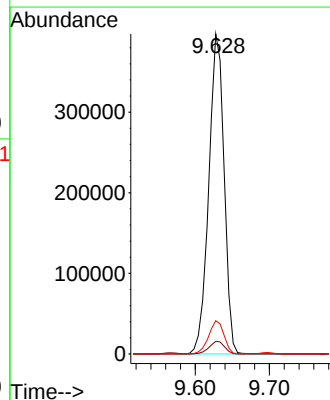
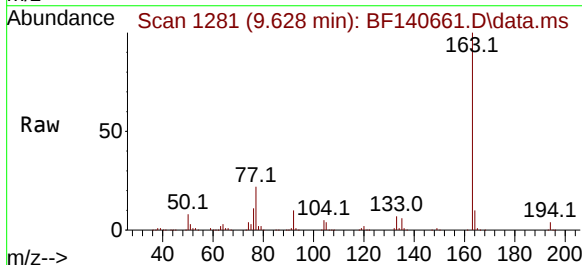
Tgt Ion:163 Resp: 570412

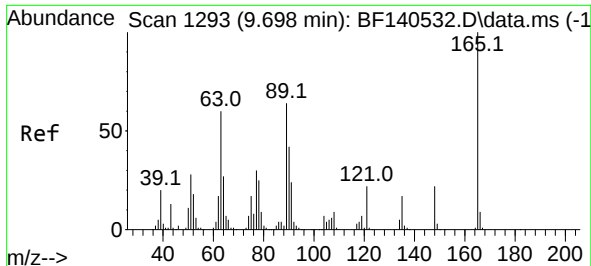
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.2

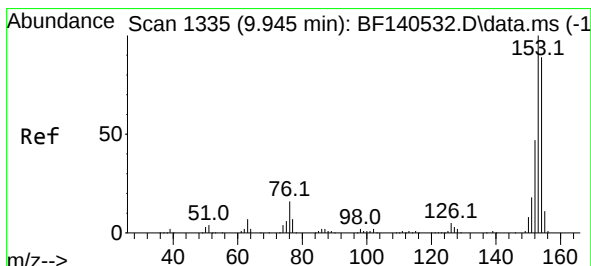
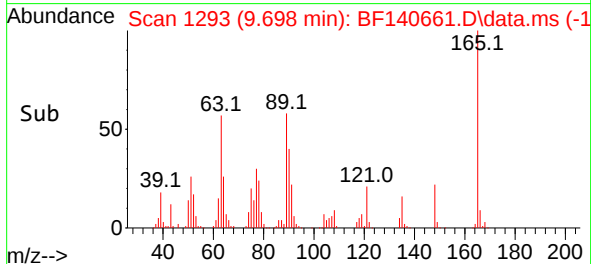
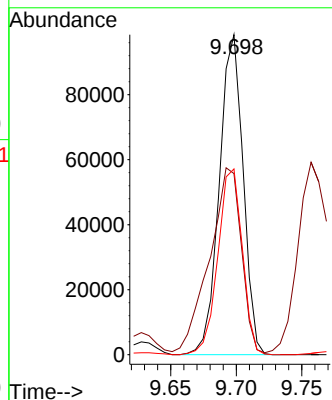
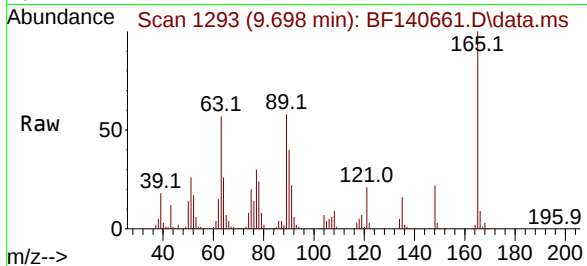




#51
2,6-Dinitrotoluene
Concen: 48.038 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

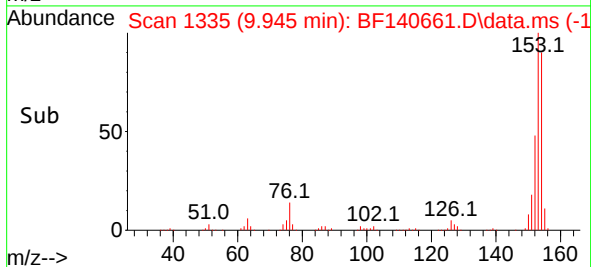
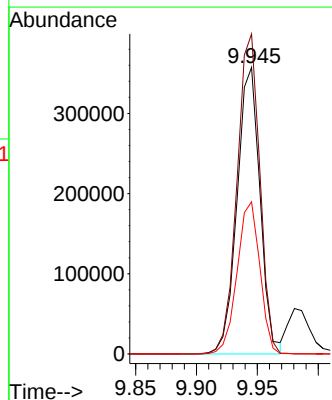
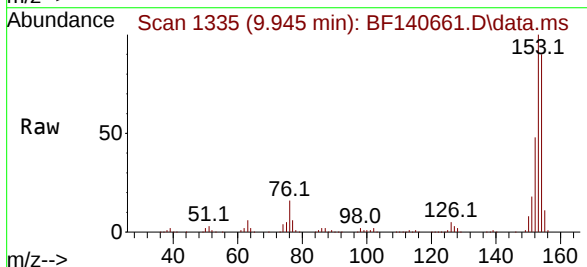
Instrument :
BNA_F
ClientSampleId :
PB165269BS

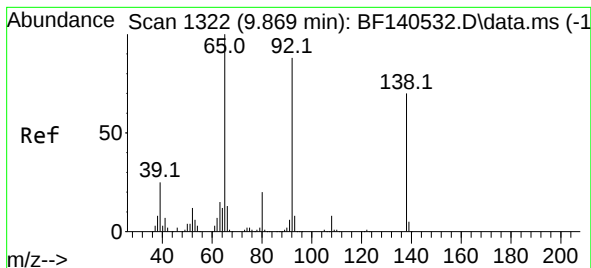
Tgt Ion:165 Resp: 124046
Ion Ratio Lower Upper
165 100
63 56.6 49.9 74.9
89 58.1 50.9 76.3



#52
Acenaphthene
Concen: 50.017 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:154 Resp: 469623
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 53.1 42.5 63.7





#53

3-Nitroaniline

Concen: 30.598 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

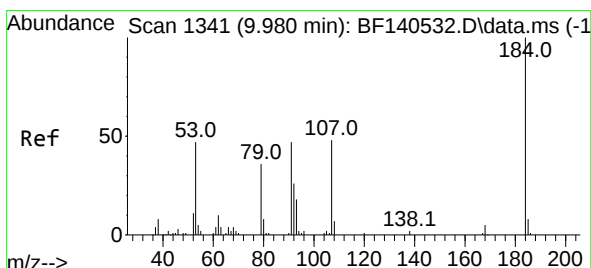
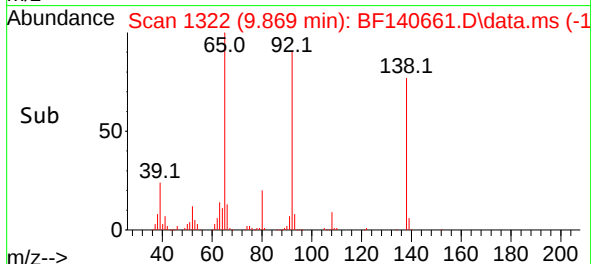
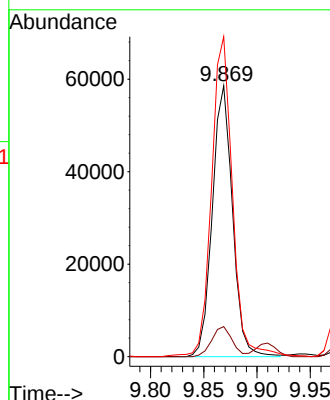
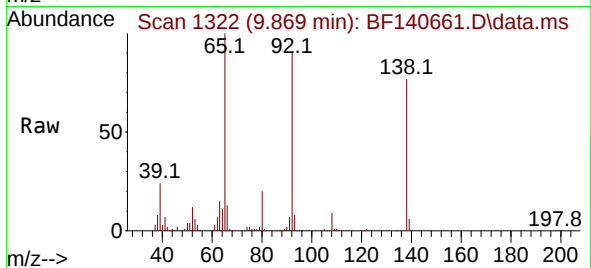
Tgt Ion:138 Resp: 77278

Ion Ratio Lower Upper

138 100

108 11.1 9.2 13.8

92 118.2 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 88.970 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

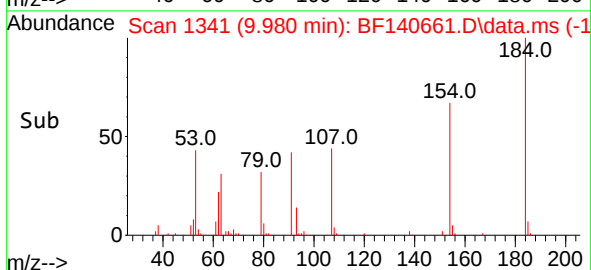
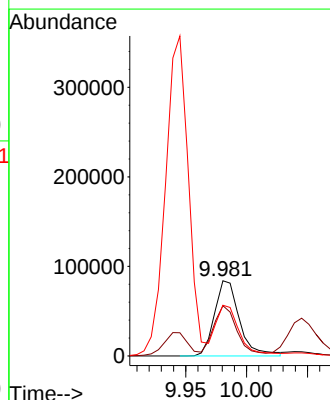
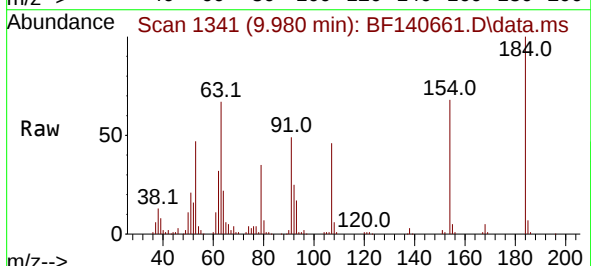
Tgt Ion:184 Resp: 120285

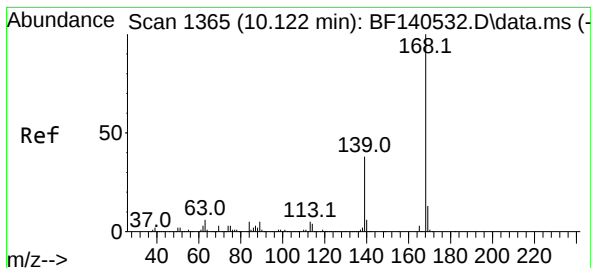
Ion Ratio Lower Upper

184 100

63 66.8 54.1 81.1

154 67.5 57.4 86.0





#55

Dibenzenofuran

Concen: 49.671 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

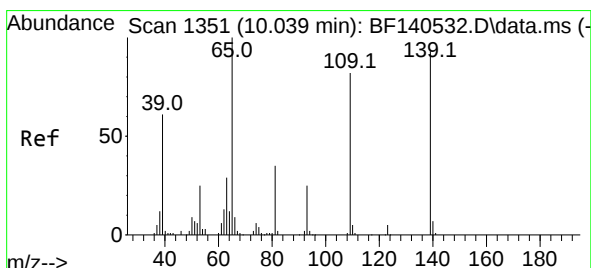
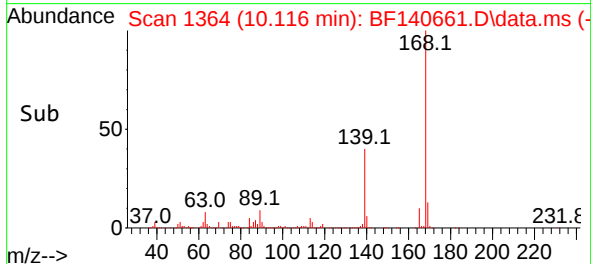
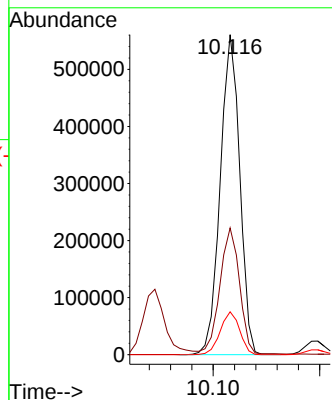
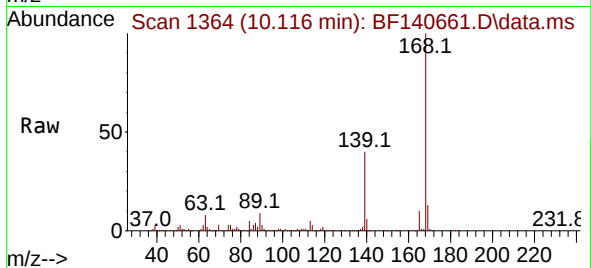
Tgt Ion:168 Resp: 711379

Ion Ratio Lower Upper

168 100

139 39.6 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 96.224 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

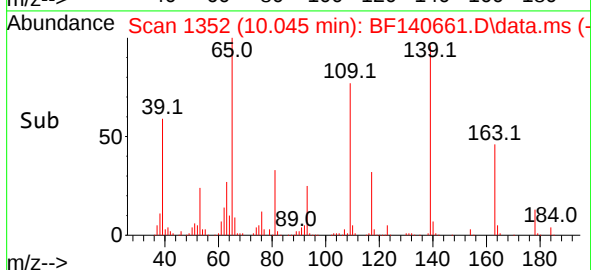
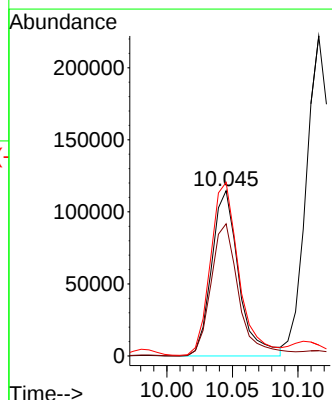
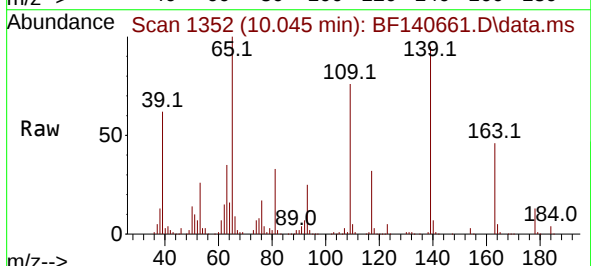
Tgt Ion:139 Resp: 165737

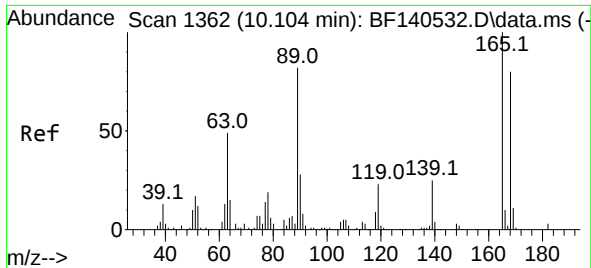
Ion Ratio Lower Upper

139 100

109 80.0 68.4 108.4

65 105.0 88.6 128.6

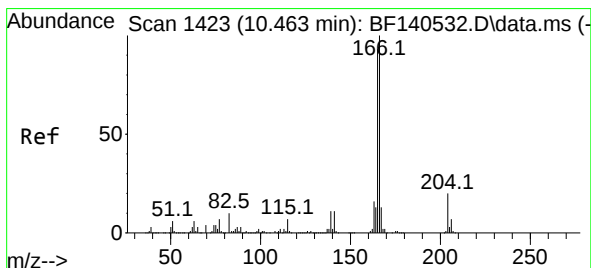
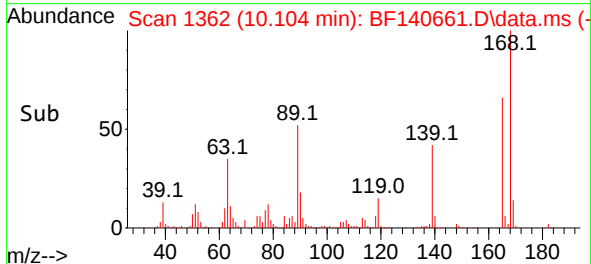
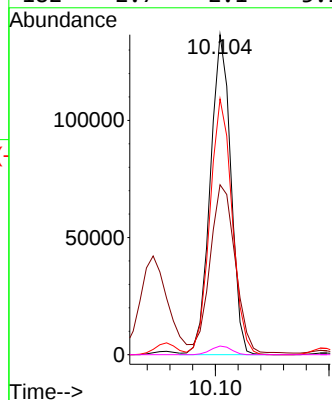
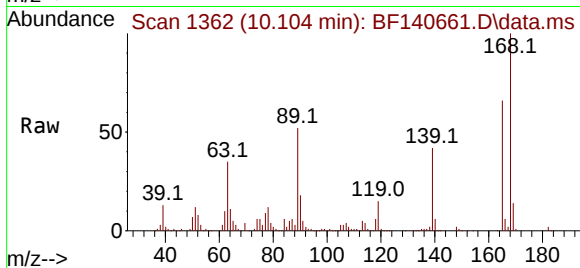




#57
2,4-Dinitrotoluene
Concen: 50.057 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

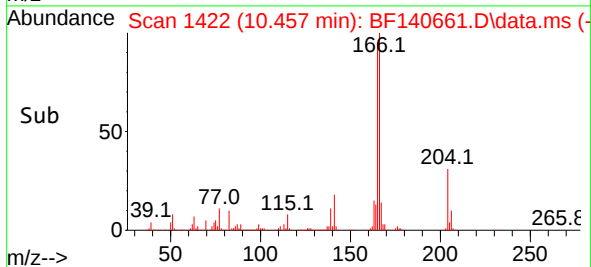
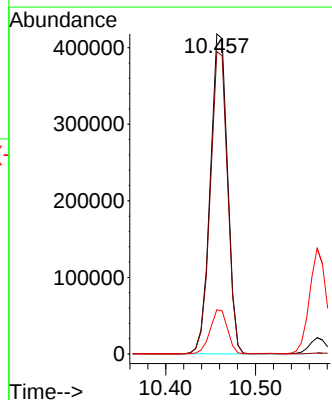
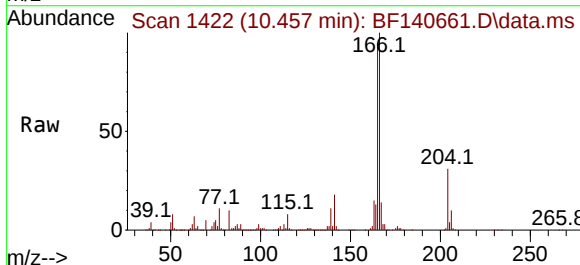
Instrument :
BNA_F
ClientSampleId :
PB165269BS

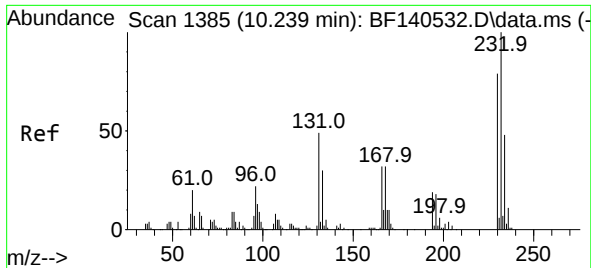
Tgt Ion:165 Resp: 171788
Ion Ratio Lower Upper
165 100
63 53.1 41.7 62.5
89 80.0 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.508 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:166 Resp: 557636
Ion Ratio Lower Upper
166 100
165 94.5 74.6 111.8
167 13.8 10.6 16.0

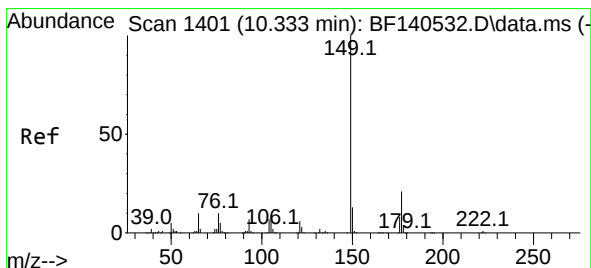
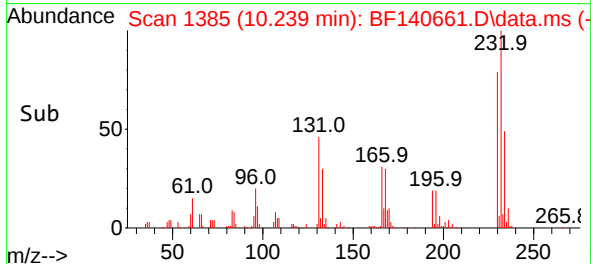
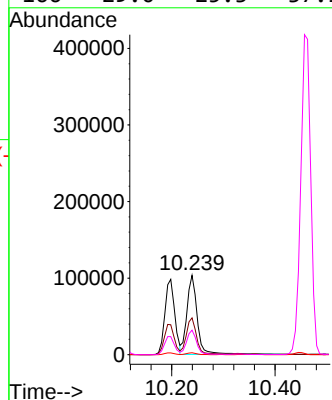
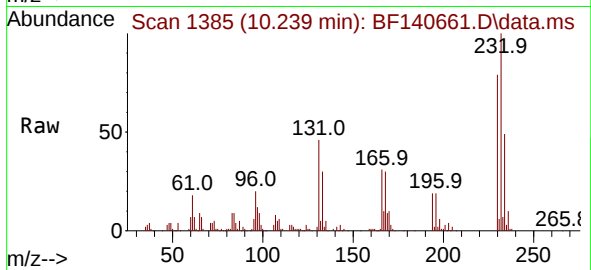




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.304 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

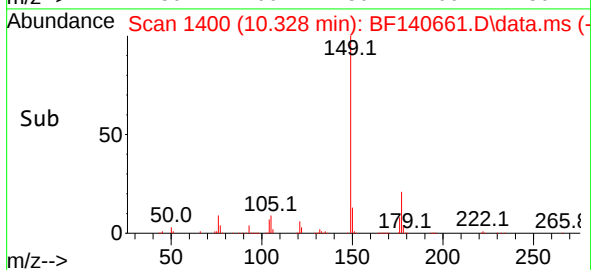
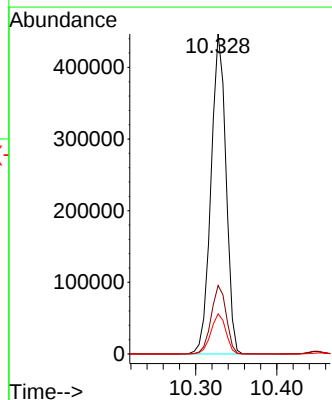
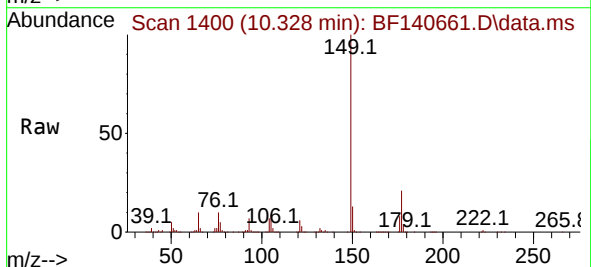
Instrument :
BNA_F
ClientSampleId :
PB165269BS

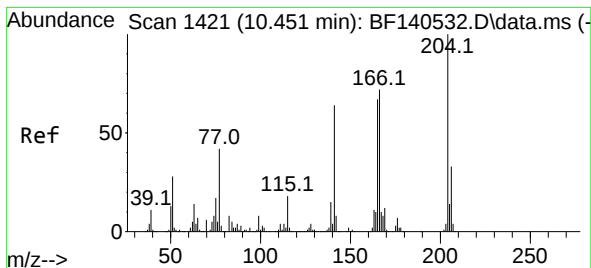
Tgt Ion:232 Resp: 143843
Ion Ratio Lower Upper
232 100
131 44.2 39.6 59.4
130 2.3 1.9 2.9
166 29.0 25.3 37.9



#60
Diethylphthalate
Concen: 49.405 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:149 Resp: 571522
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.6 10.1 15.1

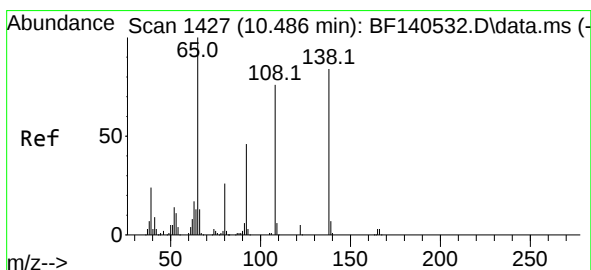
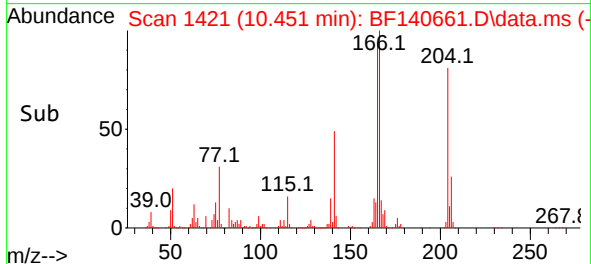
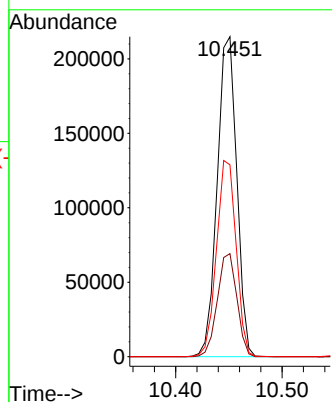
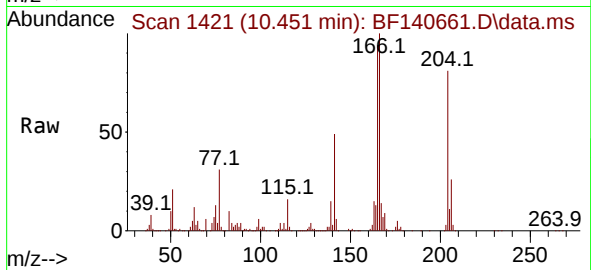




#61
4-Chlorophenyl-phenylether
Concen: 48.520 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

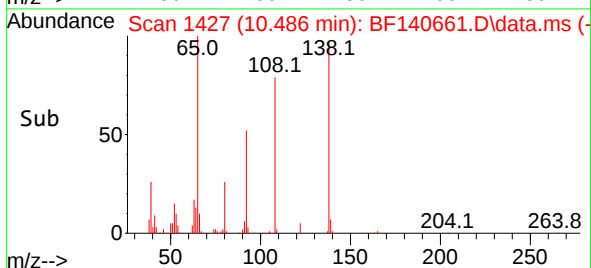
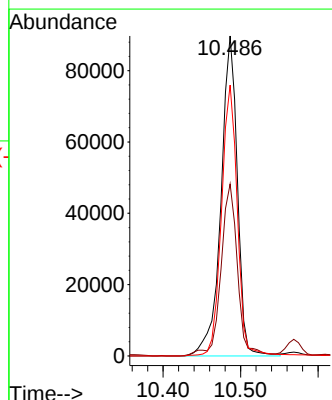
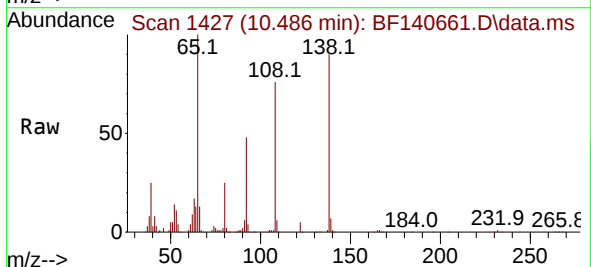
Instrument :
BNA_F
ClientSampleId :
PB165269BS

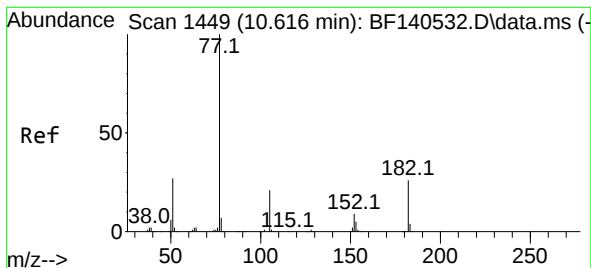
Tgt Ion:204 Resp: 273726
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 60.0 51.1 76.7



#62
4-Nitroaniline
Concen: 50.049 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:138 Resp: 132572
Ion Ratio Lower Upper
138 100
92 53.7 34.5 74.5
108 84.6 70.6 110.6





#63

Azobenzene

Concen: 49.532 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

Tgt Ion: 77 Resp: 542626

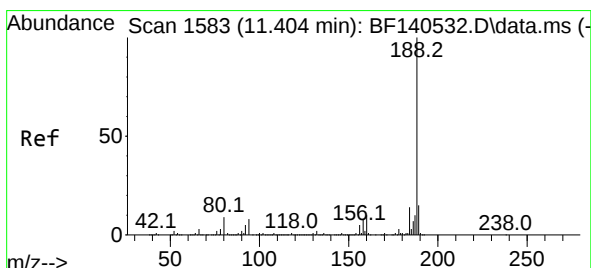
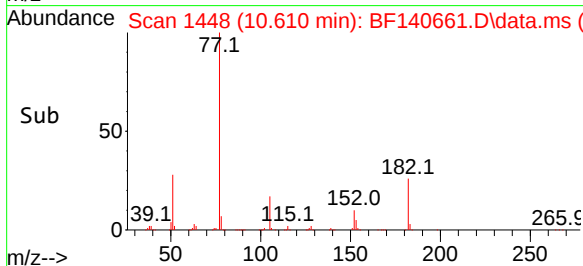
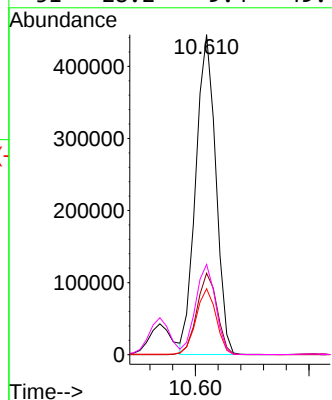
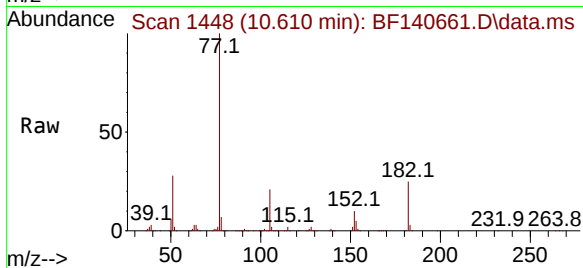
Ion Ratio Lower Upper

77 100

182 25.4 5.3 45.3

105 20.6 0.3 40.3

51 28.2 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

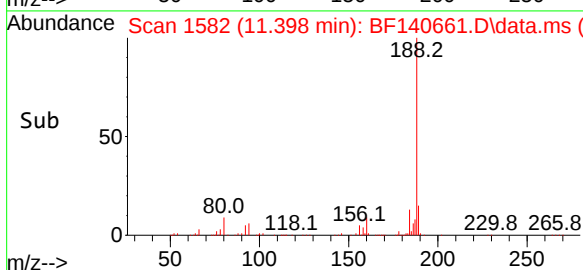
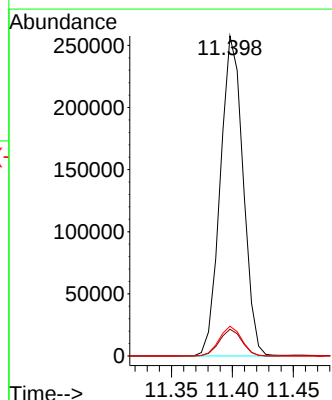
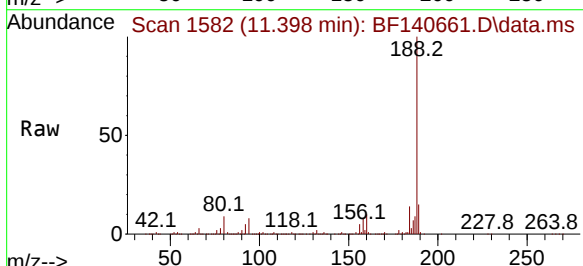
Tgt Ion:188 Resp: 335256

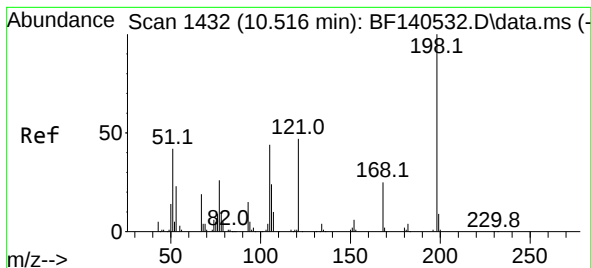
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.3 6.9 10.3

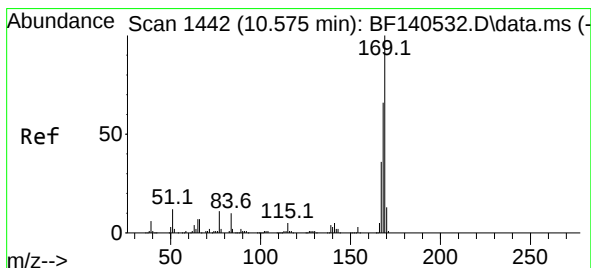
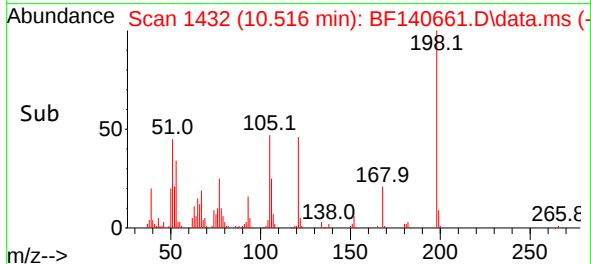
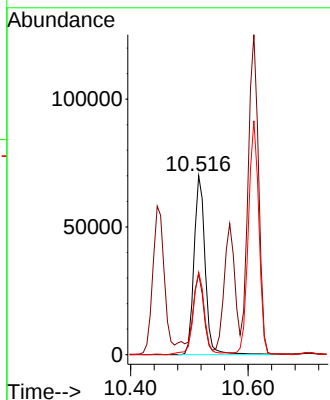
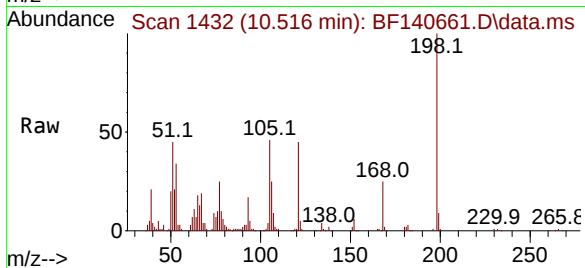




#65
4,6-Dinitro-2-methylphenol
Concen: 53.673 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

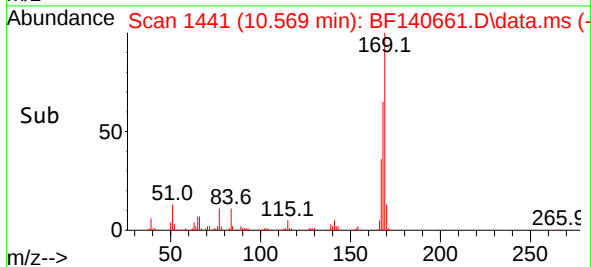
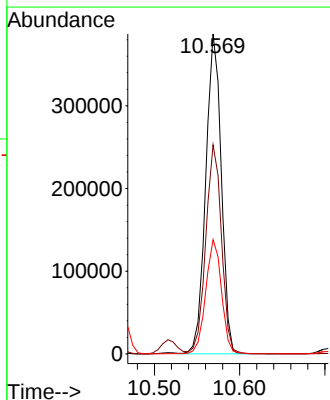
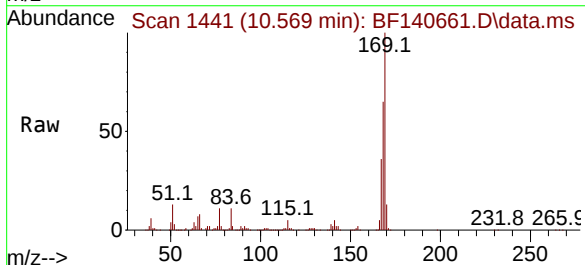
Instrument :
BNA_F
ClientSampleId :
PB165269BS

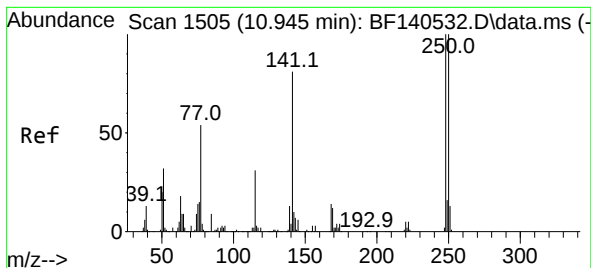
Tgt Ion:198 Resp: 91952
Ion Ratio Lower Upper
198 100
51 45.0 29.4 69.4
105 46.2 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 49.336 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:169 Resp: 489140
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.7 29.0 43.6

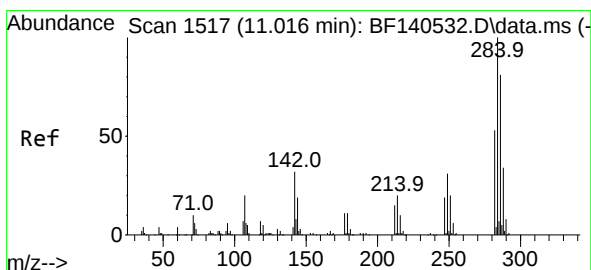
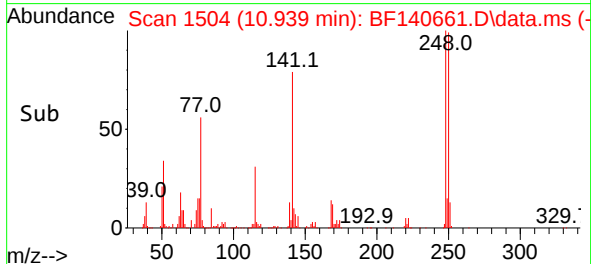
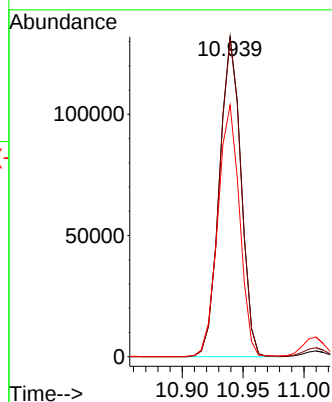
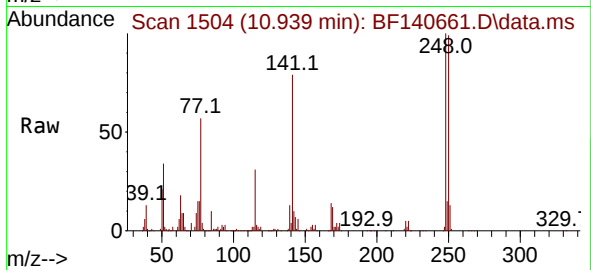




#67
4-Bromophenyl-phenylether
Concen: 47.163 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

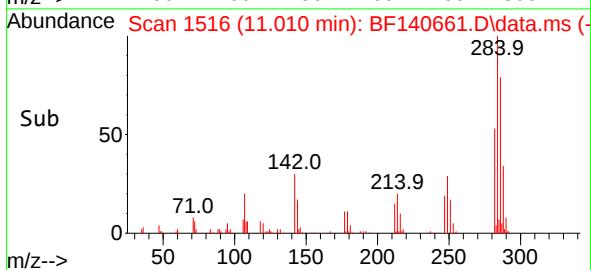
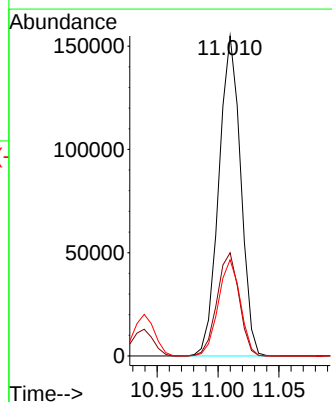
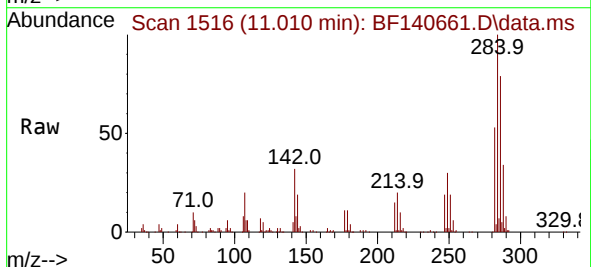
Instrument :
BNA_F
ClientSampleId :
PB165269BS

Tgt Ion:248 Resp: 162836
Ion Ratio Lower Upper
248 100
250 99.2 79.8 119.8
141 78.7 64.7 97.1



#68
Hexachlorobenzene
Concen: 48.313 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:284 Resp: 193146
Ion Ratio Lower Upper
284 100
142 32.2 25.3 37.9
249 30.1 24.8 37.2





#69

Atrazine

Concen: 57.571 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

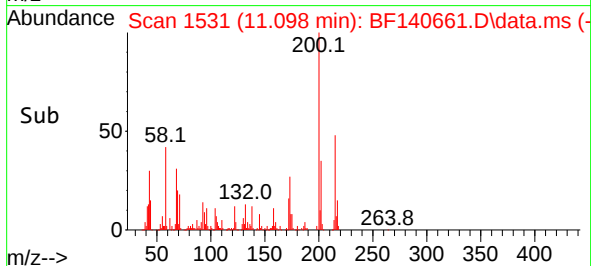
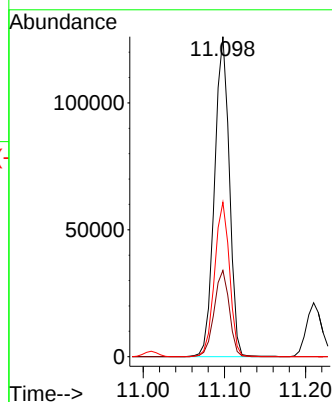
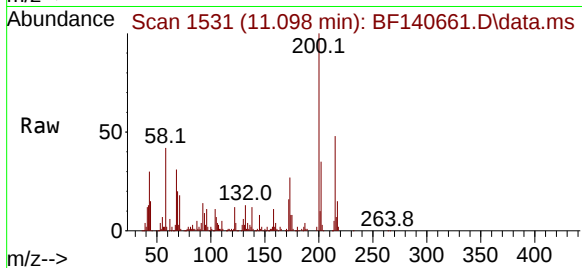
Tgt Ion:200 Resp: 160573

Ion Ratio Lower Upper

200 100

173 27.0 7.0 47.0

215 48.2 26.7 66.7



#70

Pentachlorophenol

Concen: 94.719 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

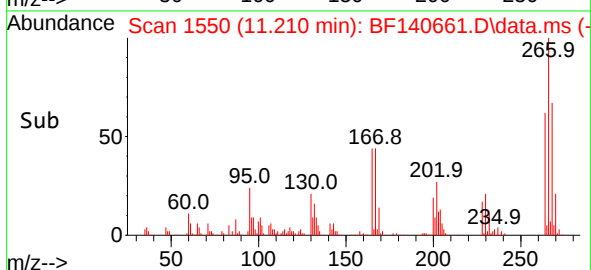
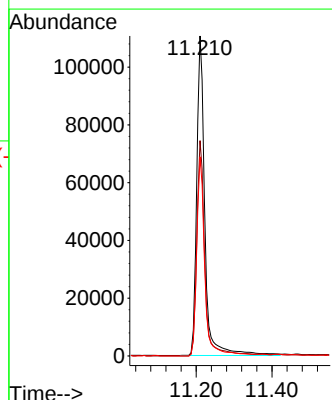
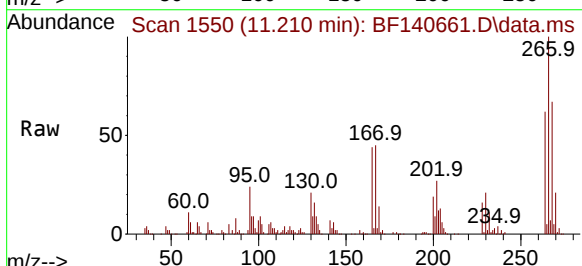
Tgt Ion:266 Resp: 166661

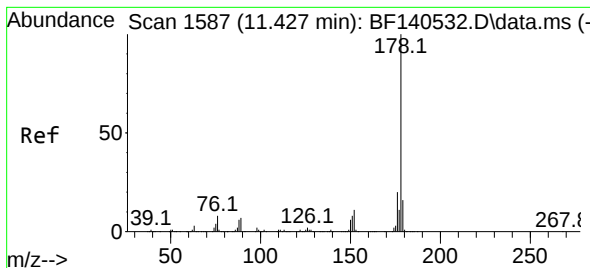
Ion Ratio Lower Upper

266 100

268 67.3 53.7 80.5

264 62.3 49.8 74.8





#71

Phenanthrene

Concen: 50.673 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

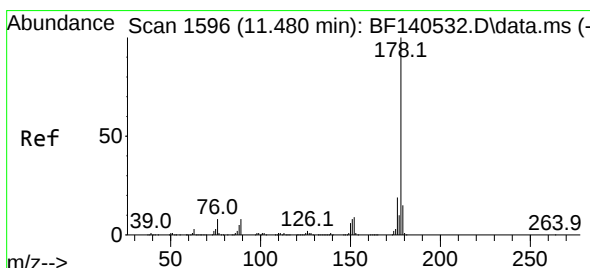
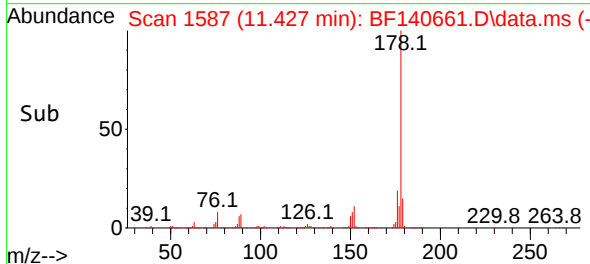
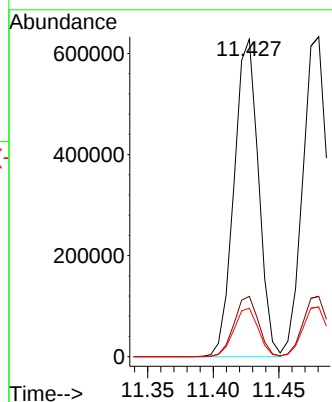
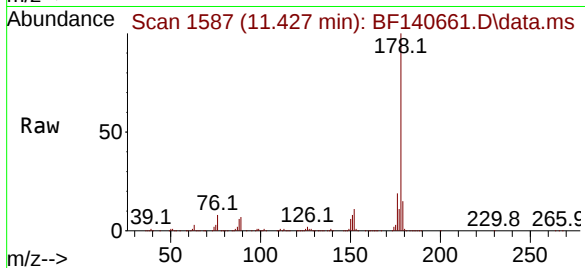
Tgt Ion:178 Resp: 816617

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

179 15.2 12.4 18.6



#72

Anthracene

Concen: 52.499 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

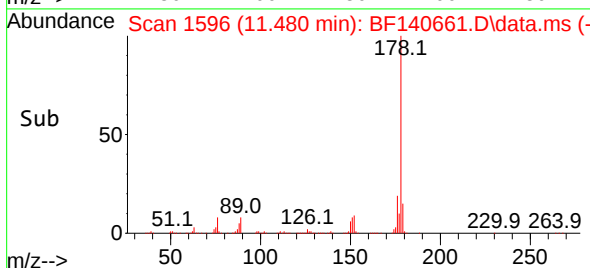
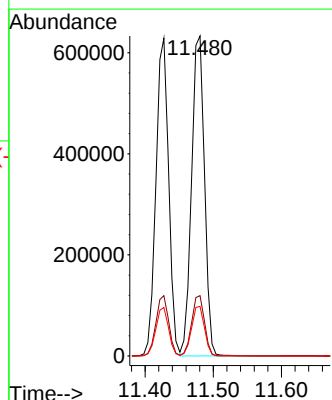
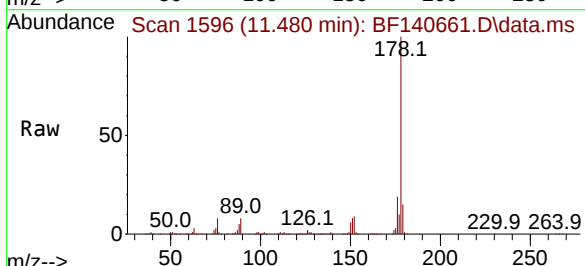
Tgt Ion:178 Resp: 827597

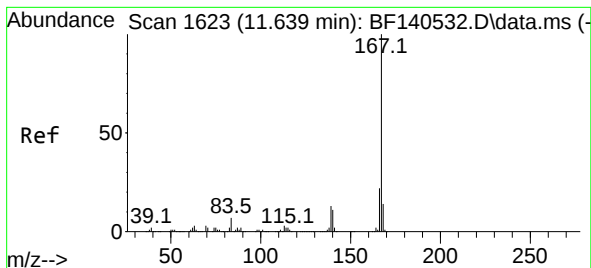
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 50.419 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

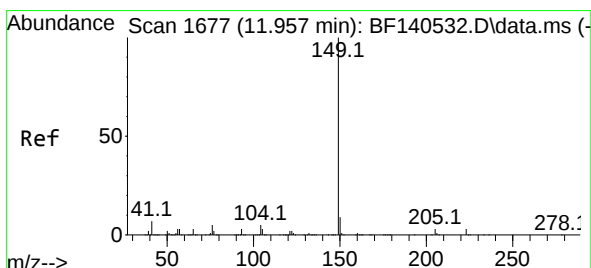
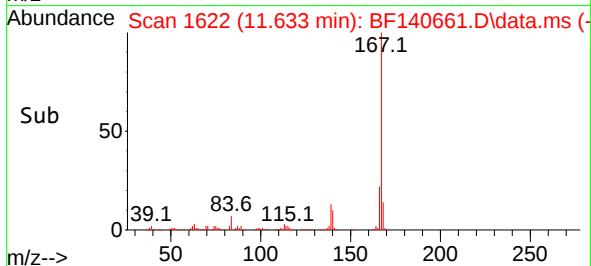
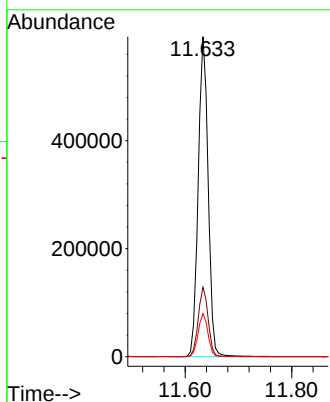
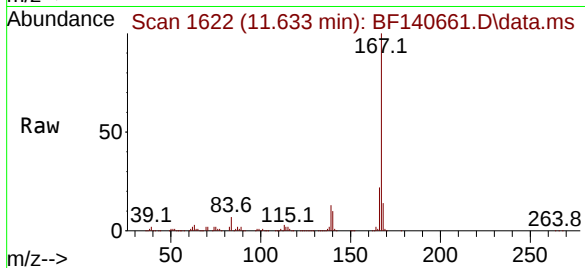
Tgt Ion:167 Resp: 764607

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.5 10.6 15.8



#74

Di-n-butylphthalate

Concen: 49.439 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

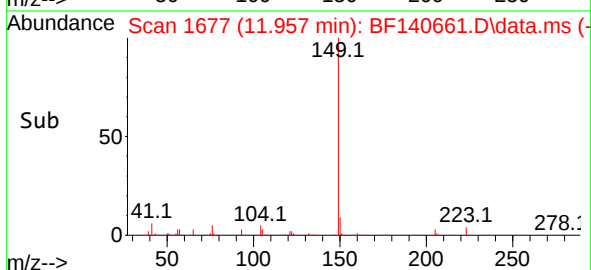
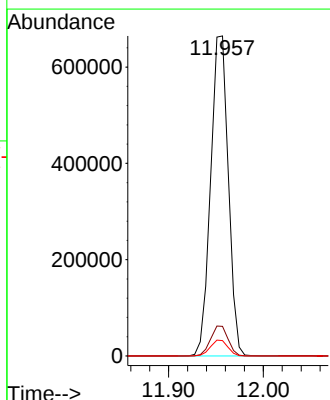
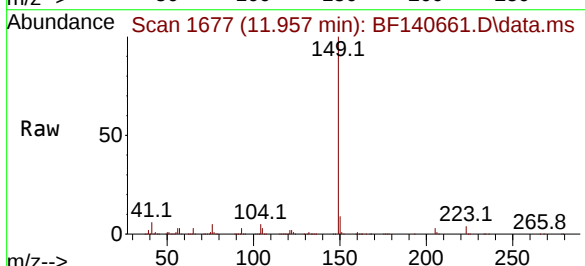
Tgt Ion:149 Resp: 865576

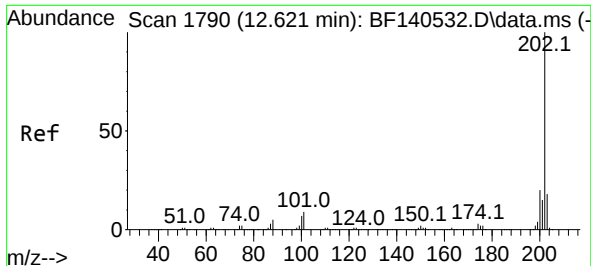
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

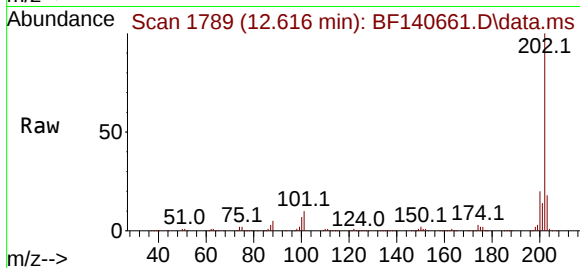
104 4.8 4.1 6.1



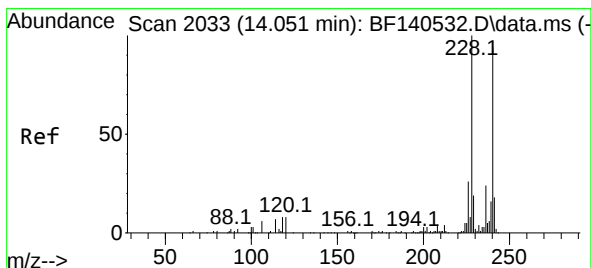
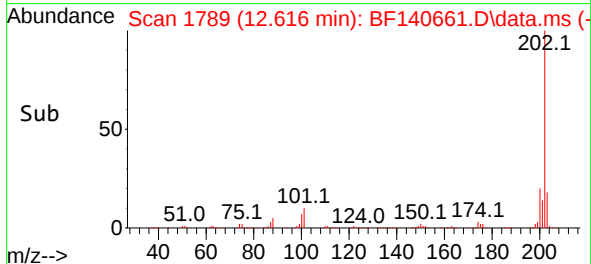
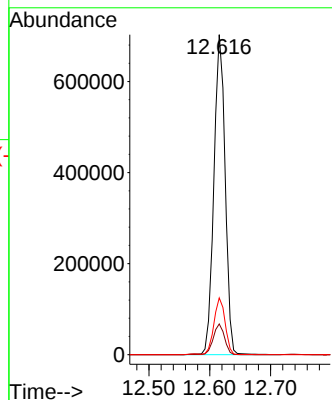


#75
Fluoranthene
Concen: 51.580 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB165269BS

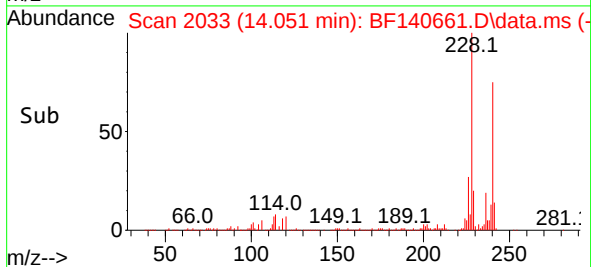
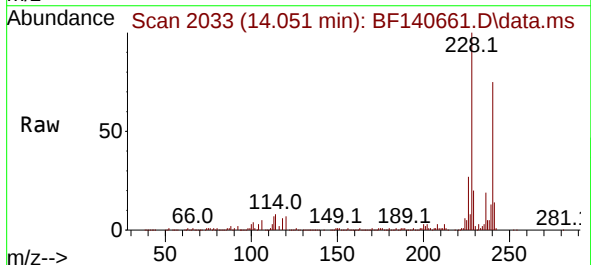
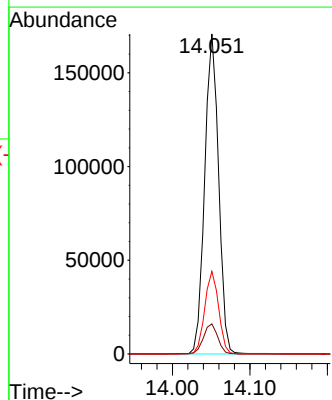


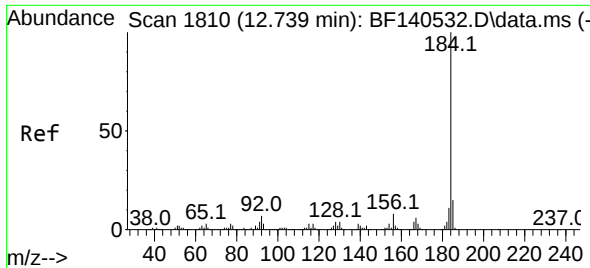
Tgt Ion:202 Resp: 902503
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 17.8 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:240 Resp: 212656
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.8 20.6 31.0

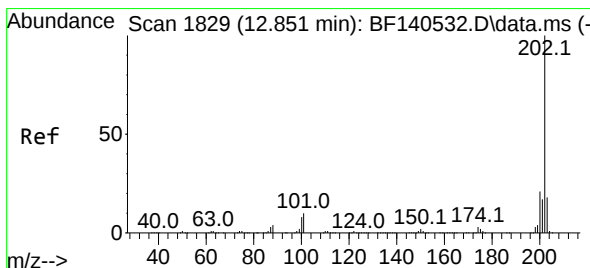
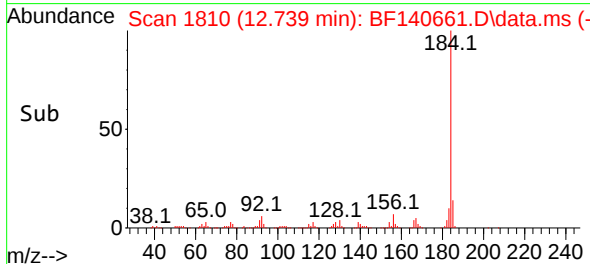
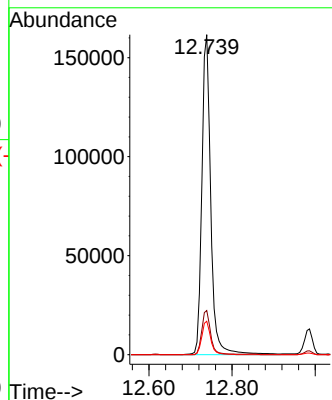
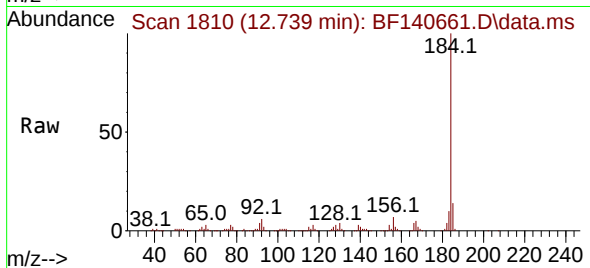




#77
Benzidine
Concen: 38.874 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

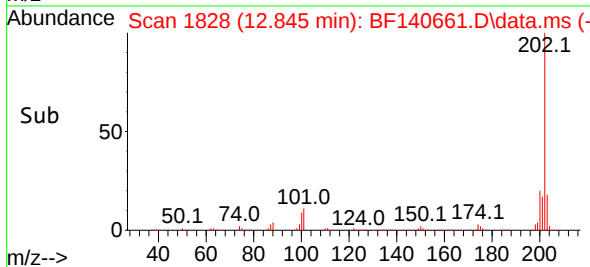
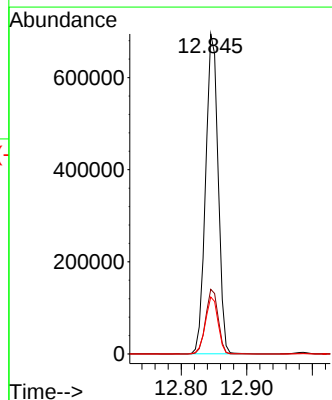
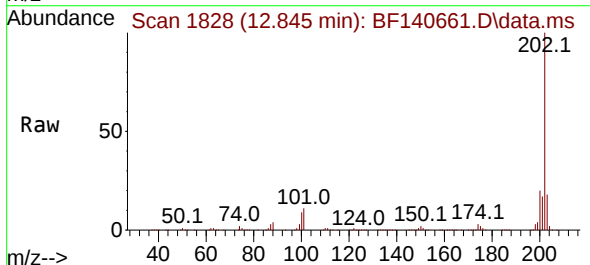
Instrument :
BNA_F
ClientSampleId :
PB165269BS

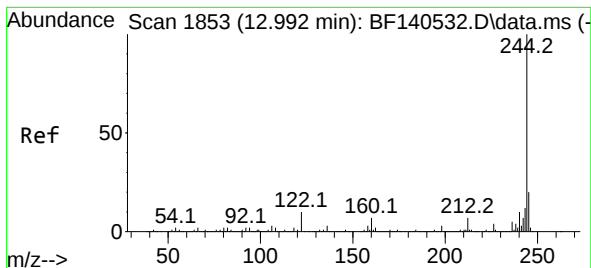
Tgt Ion:184 Resp: 240352
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 10.5 8.8 13.2



#78
Pyrene
Concen: 46.916 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140661.D
Acq: 27 Nov 2024 11:22

Tgt Ion:202 Resp: 922494
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 89.397 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

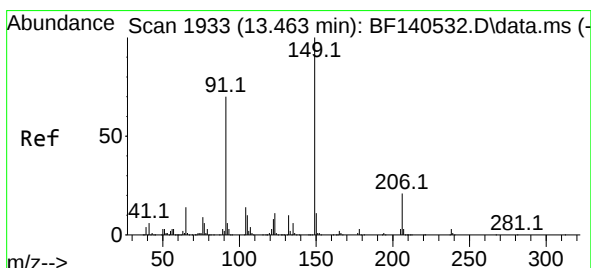
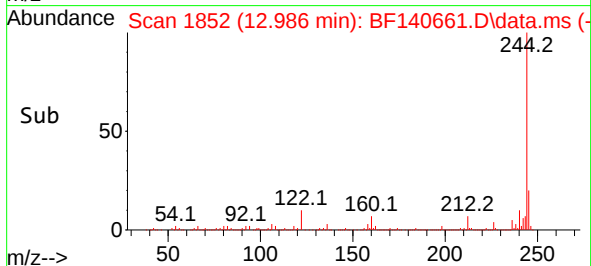
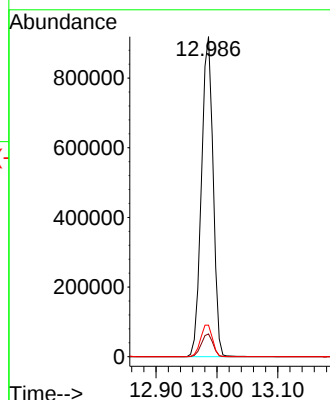
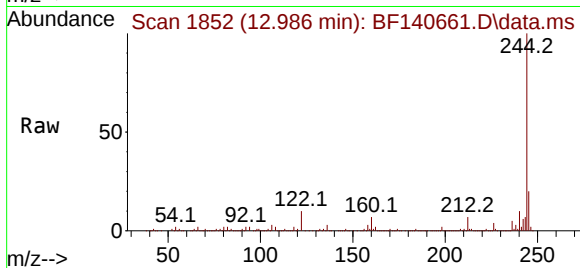
Tgt Ion:244 Resp: 1220883

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 49.861 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

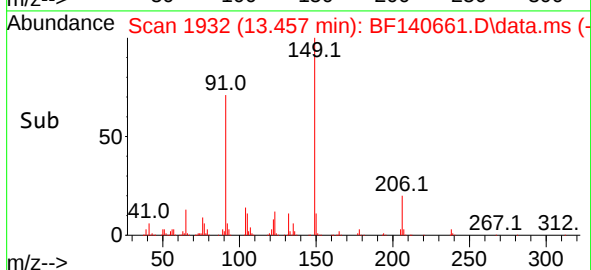
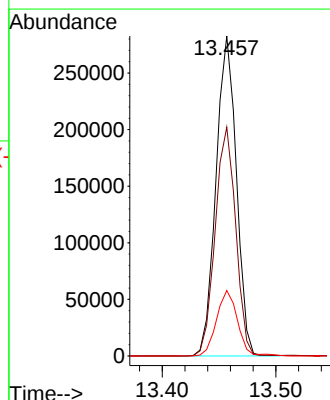
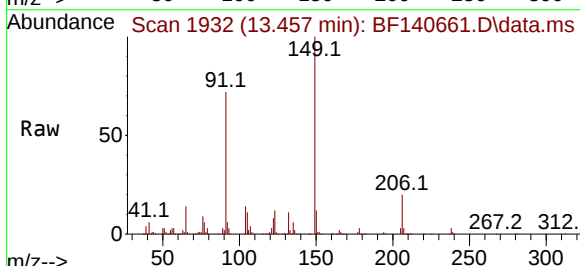
Tgt Ion:149 Resp: 353177

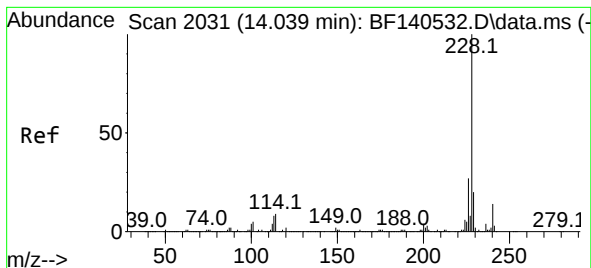
Ion Ratio Lower Upper

149 100

91 71.5 56.2 84.2

206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.078 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

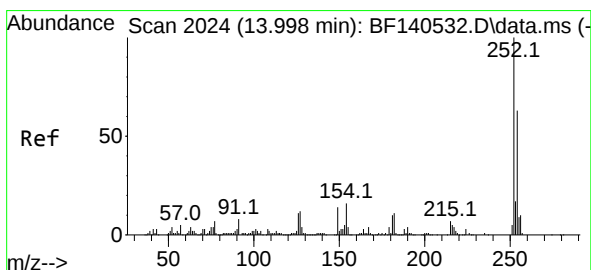
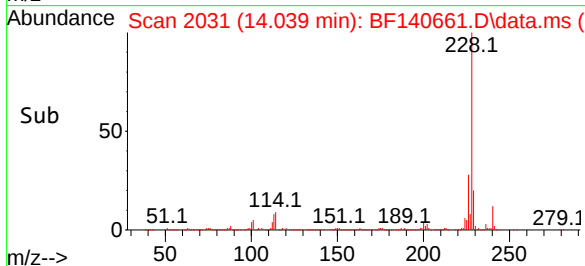
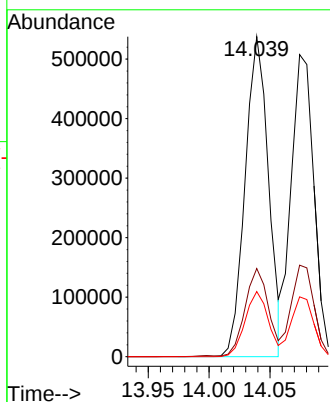
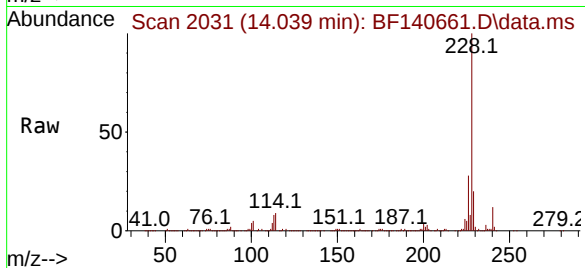
Tgt Ion:228 Resp: 719029

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 20.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 28.592 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

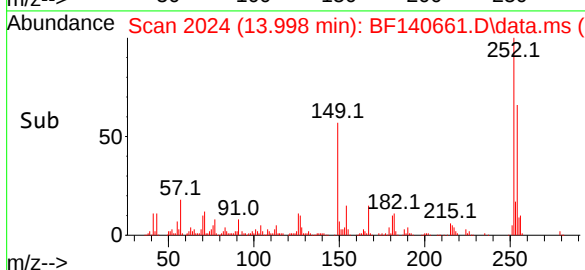
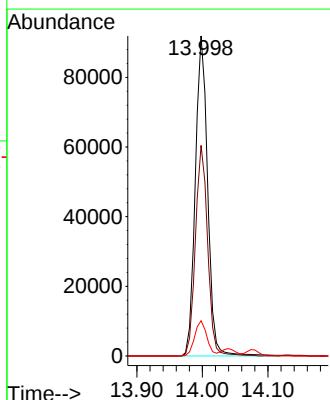
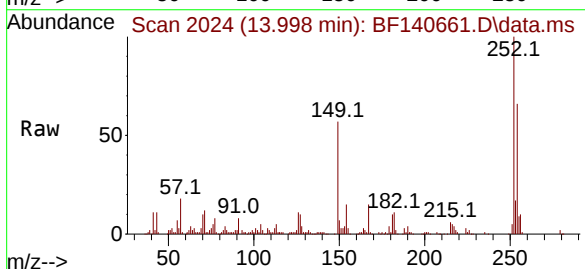
Tgt Ion:252 Resp: 120844

Ion Ratio Lower Upper

252 100

254 65.8 50.8 76.2

126 11.0 8.6 13.0





#83

Chrysene

Concen: 51.489 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

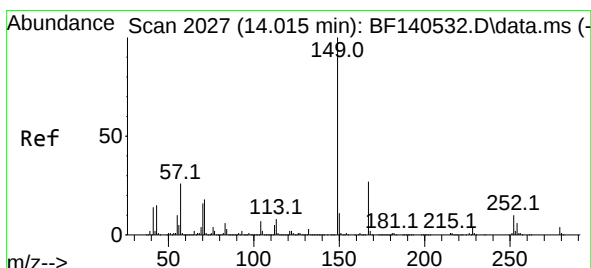
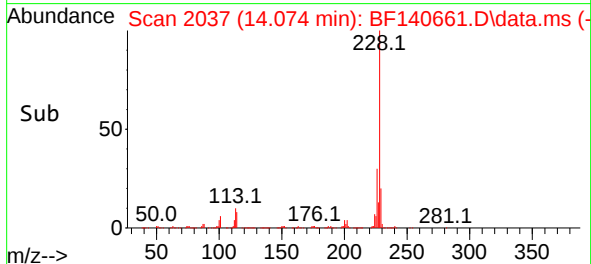
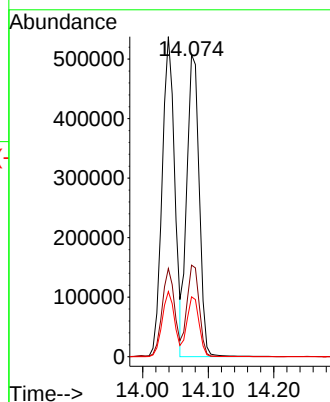
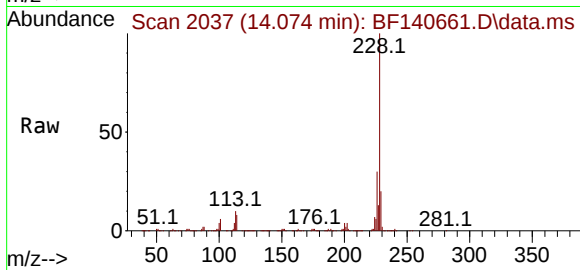
Tgt Ion:228 Resp: 662761

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.443 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

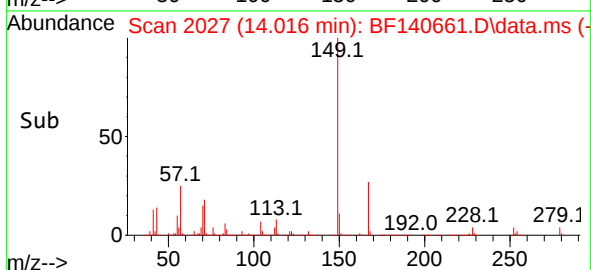
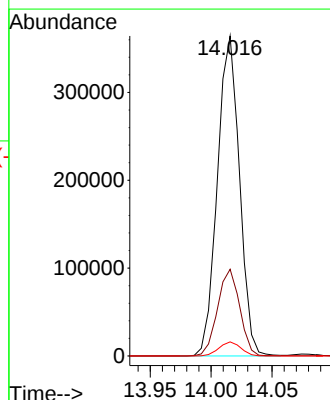
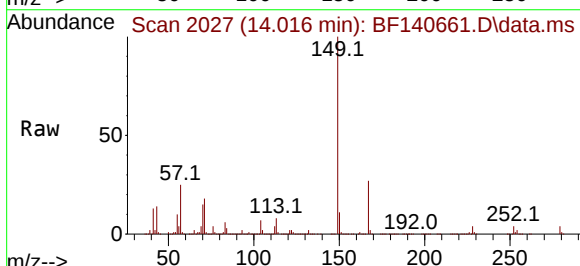
Tgt Ion:149 Resp: 460117

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.795 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

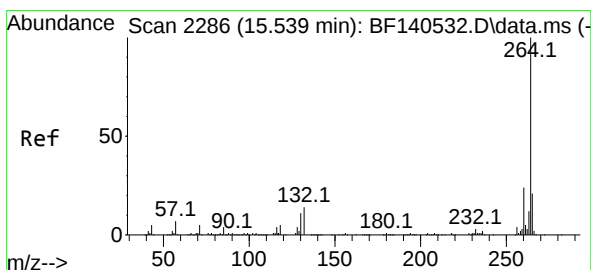
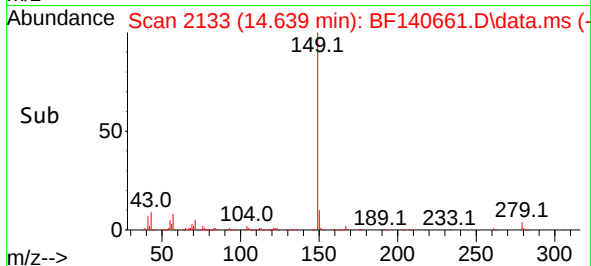
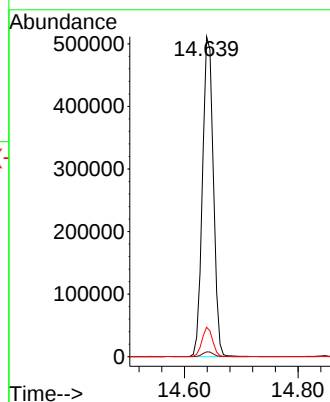
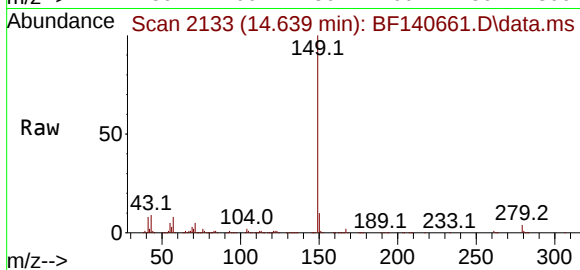
Tgt Ion:149 Resp: 682003

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 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: BF140661.D

Acq: 27 Nov 2024 11:22

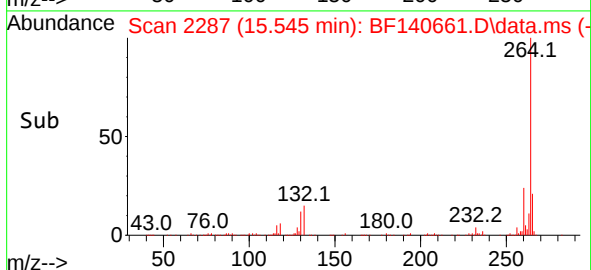
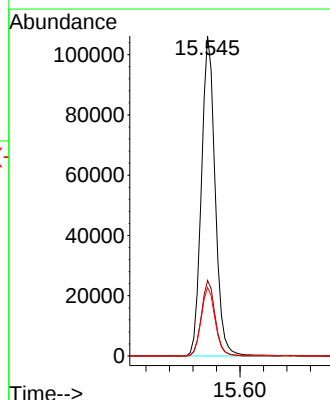
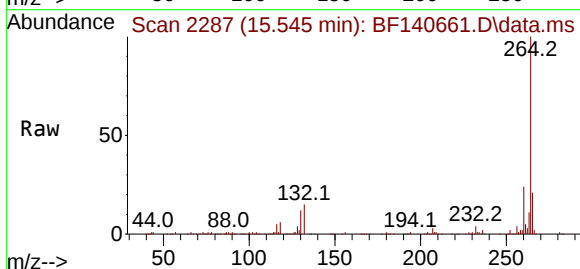
Tgt Ion:264 Resp: 172083

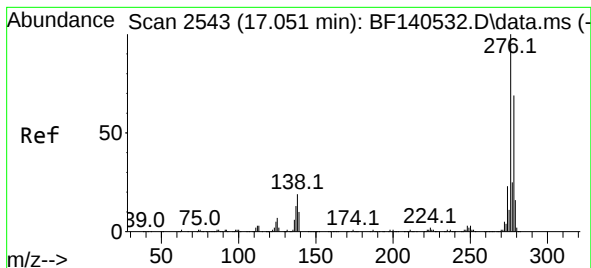
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 65.435 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

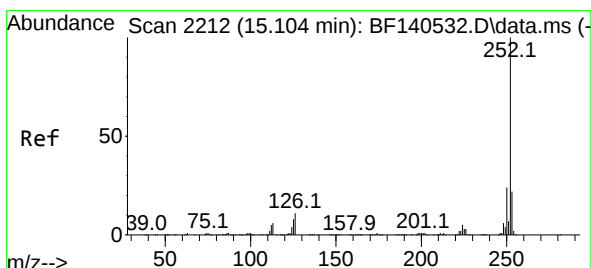
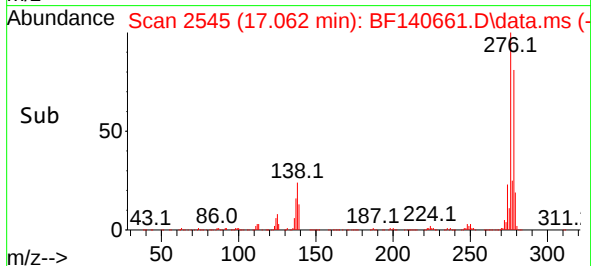
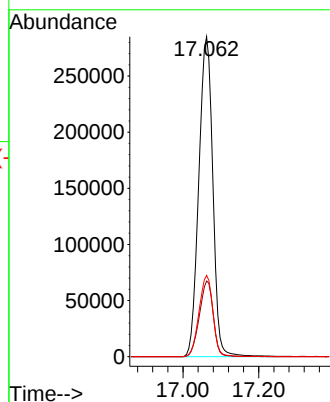
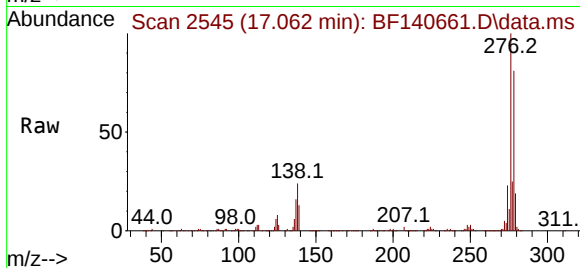
Tgt Ion:276 Resp: 733818

Ion Ratio Lower Upper

276 100

138 23.3 15.5 23.3#

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.641 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

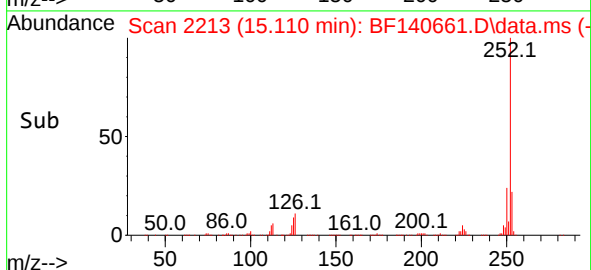
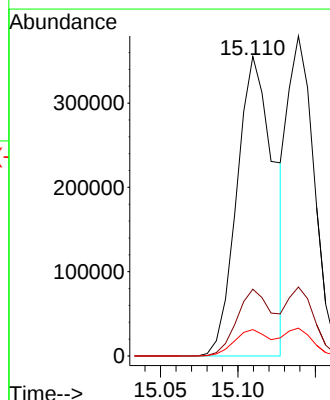
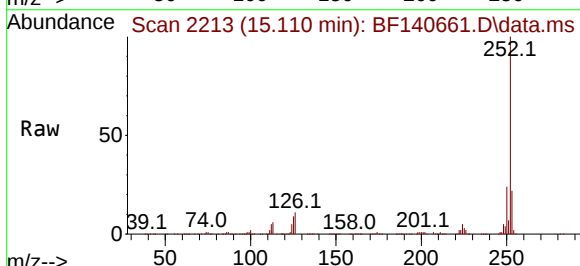
Tgt Ion:252 Resp: 590599

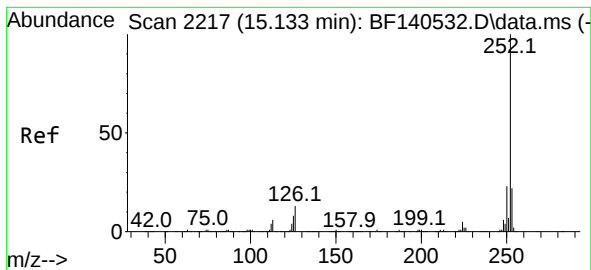
Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 8.8 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 47.945 ng

RT: 15.139 min Scan# 2217

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

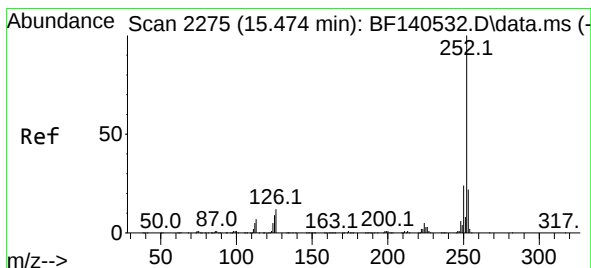
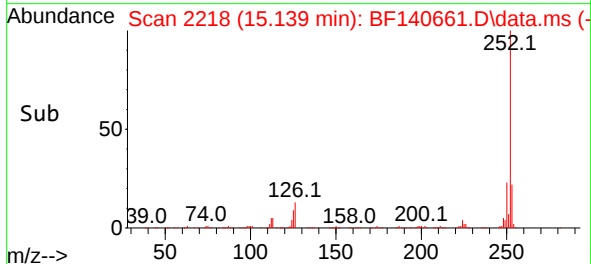
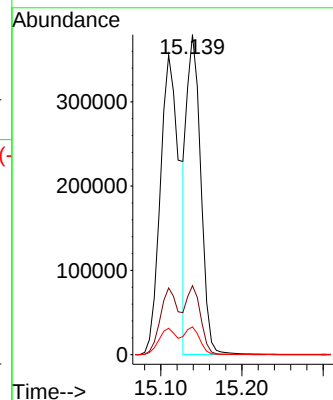
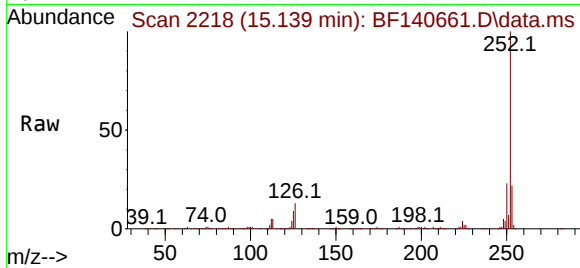
Tgt Ion:252 Resp: 453498

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 8.7 6.5 9.7



#90

Benzo(a)pyrene

Concen: 55.109 ng

RT: 15.486 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

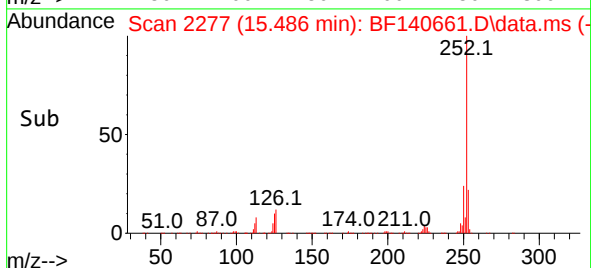
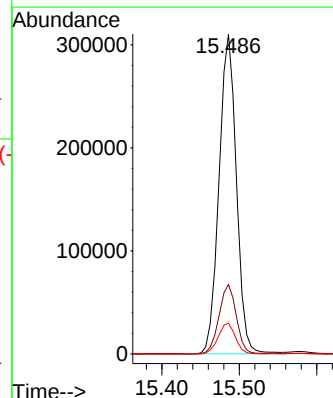
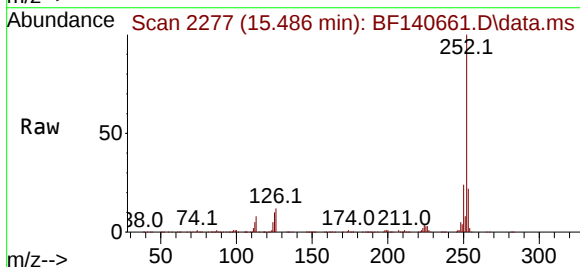
Tgt Ion:252 Resp: 484320

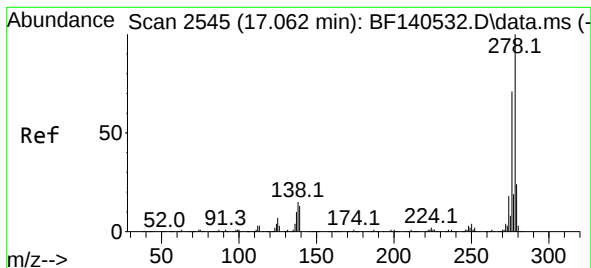
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.6 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 64.456 ng

RT: 17.074 min Scan# 2547

Delta R.T. 0.012 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB165269BS

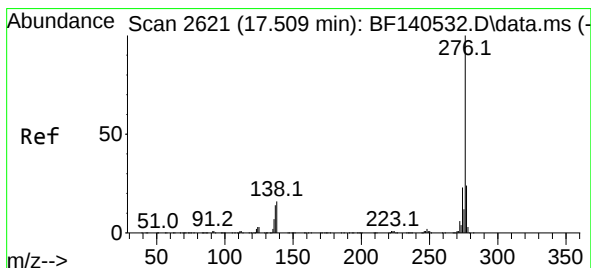
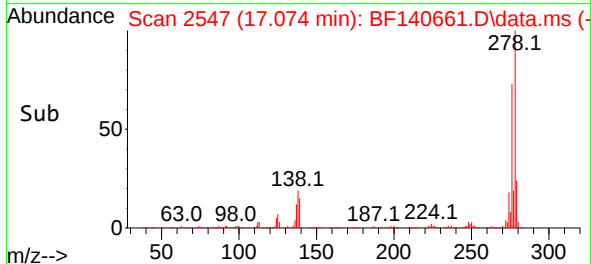
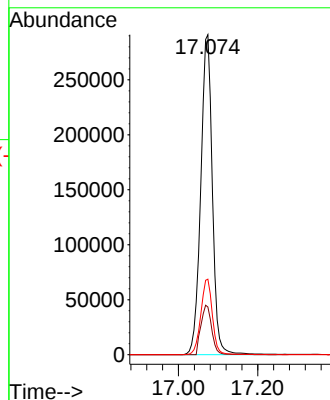
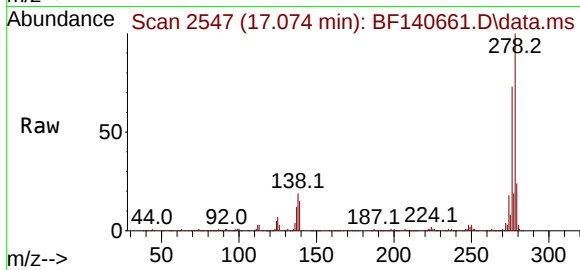
Tgt Ion:278 Resp: 591976

Ion Ratio Lower Upper

278 100

139 14.9 10.2 15.4

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 48.049 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.006 min

Lab File: BF140661.D

Acq: 27 Nov 2024 11:22

Tgt Ion:276 Resp: 450316

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 18.7 13.2 19.8

