

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140727.D
 Acq On : 04 Dec 2024 14:27
 Operator : RC/JU
 Sample : PB165356BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165356BS

Quant Time: Dec 04 14:57:02 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	6.875	152	88586	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	352415	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	209007	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	388967	20.000	ng	0.00
76) Chrysene-d12	14.063	240	236570	20.000	ng	0.01
86) Perylene-d12	15.557	264	188640	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	741216	142.762	ng	0.02
7) Phenol-d6	6.522	99	985953	143.643	ng	0.00
23) Nitrobenzene-d5	7.445	82	649979	94.339	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	332079	148.558	ng	0.01
45) 2-Fluorobiphenyl	9.233	172	1331412	94.912	ng	0.00
79) Terphenyl-d14	12.992	244	1518337	99.939	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	77138	35.337	ng	98
3) Pyridine	3.510	79	197655	41.152	ng	99
4) n-Nitrosodimethylamine	3.463	42	121377	42.998	ng	96
6) Aniline	6.540	93	290879	60.208	ng	# 71
8) 2-Chlorophenol	6.669	128	286353	51.265	ng	95
9) Benzaldehyde	6.428	77	78464	21.594	ng	99
10) Phenol	6.540	94	362294	51.684	ng	89
11) bis(2-Chloroethyl)ether	6.610	93	264319	49.276	ng	99
12) 1,3-Dichlorobenzene	6.816	146	289259	46.086	ng	97
13) 1,4-Dichlorobenzene	6.892	146	289669	45.580	ng	100
14) 1,2-Dichlorobenzene	7.045	146	279347	46.910	ng	100
15) Benzyl Alcohol	7.022	79	264966	52.054	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	328089	51.773	ng	77
17) 2-Methylphenol	7.139	107	231814	51.844	ng	95
18) Hexachloroethane	7.381	117	111688	47.055	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	211534	52.146	ng	97
20) 3+4-Methylphenols	7.292	107	298468	51.932	ng	92
22) Acetophenone	7.287	105	397508	46.266	ng	98
24) Nitrobenzene	7.463	77	312507	43.886	ng	97
25) Isophorone	7.698	82	576214	50.142	ng	100
26) 2-Nitrophenol	7.775	139	156413	49.566	ng	99
27) 2,4-Dimethylphenol	7.816	122	241013m	63.834	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	346643	49.515	ng	99
29) 2,4-Dichlorophenol	8.022	162	256282	51.226	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	258545	45.261	ng	100
31) Naphthalene	8.181	128	851442	46.905	ng	99
32) Benzoic acid	7.963	122	139304	43.237	ng	99
33) 4-Chloroaniline	8.228	127	169037	31.102	ng	98
34) Hexachlorobutadiene	8.292	225	172049	45.473	ng	99
35) Caprolactam	8.616	113	75991m	49.081	ng	
36) 4-Chloro-3-methylphenol	8.728	107	289187	51.627	ng	100
37) 2-Methylnaphthalene	8.869	142	576699	50.019	ng	100
38) 1-Methylnaphthalene	8.969	142	536326	47.457	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	284847	46.554	ng	99
41) Hexachlorocyclopentadiene	9.022	237	240812	166.425	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	184923	48.164	ng	100

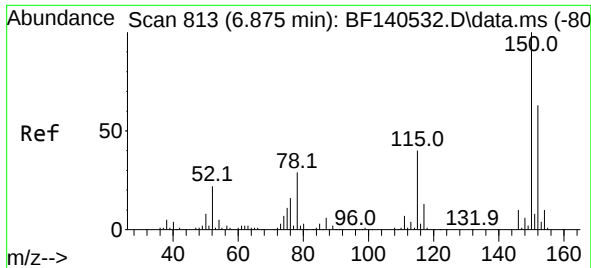
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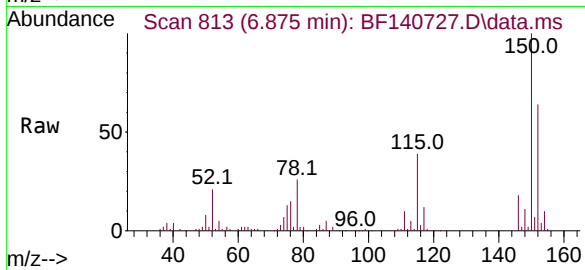
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	197071	47.295	ng	98
46) 1,1'-Biphenyl	9.333	154	740527	47.456	ng	100
47) 2-Chloronaphthalene	9.363	162	548003	46.347	ng	99
48) 2-Nitroaniline	9.463	65	176250	46.439	ng	96
49) Acenaphthylene	9.780	152	894171	50.051	ng	99
50) Dimethylphthalate	9.639	163	685868	49.827	ng	100
51) 2,6-Dinitrotoluene	9.704	165	147278	47.177	ng	97
52) Acenaphthene	9.951	154	546140	48.112	ng	100
53) 3-Nitroaniline	9.880	138	91829	30.075	ng	95
54) 2,4-Dinitrophenol	9.998	184	159772	96.978	ng	94
55) Dibenzofuran	10.122	168	830496	47.965	ng	99
56) 4-Nitrophenol	10.057	139	181585	87.202	ng	97
57) 2,4-Dinitrotoluene	10.116	165	192190	46.322	ng	94
58) Fluorene	10.469	166	666005	47.921	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	165809	51.777	ng	96
60) Diethylphthalate	10.339	149	700995	50.123	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	339697	49.805	ng	97
62) 4-Nitroaniline	10.498	138	144897	45.247	ng	97
63) Azobenzene	10.616	77	660276	49.854	ng	99
65) 4,6-Dinitro-2-methylph...	10.533	198	110738	55.713	ng	93
66) n-Nitrosodiphenylamine	10.580	169	582992	50.683	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	206614	51.579	ng	98
68) Hexachlorobenzene	11.016	284	226732	48.883	ng	98
69) Atrazine	11.104	200	190574	58.893	ng	100
70) Pentachlorophenol	11.222	266	200483	98.208	ng	99
71) Phenanthrene	11.433	178	929636	49.720	ng	99
72) Anthracene	11.486	178	944332	51.633	ng	99
73) Carbazole	11.645	167	836612	47.549	ng	100
74) Di-n-butylphthalate	11.963	149	1079841	53.160	ng	99
75) Fluoranthene	12.627	202	985791	48.560	ng	100
77) Benzidine	12.745	184	299256	43.508	ng	99
78) Pyrene	12.857	202	1002775	45.844	ng	100
80) Butylbenzylphthalate	13.463	149	417771	53.018	ng	99
81) Benzo(a)anthracene	14.051	228	802839	51.267	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	176998	37.645	ng	98
83) Chrysene	14.086	228	719172	50.224	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	542156	54.488	ng	98
85) Di-n-octyl phthalate	14.645	149	736757	54.182	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	624611	50.808	ng	99
88) Benzo(b)fluoranthene	15.121	252	647642	54.659	ng	100
89) Benzo(k)fluoranthene	15.151	252	497101	47.943	ng	100
90) Benzo(a)pyrene	15.498	252	517977	53.766	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	517980	51.449	ng	100
92) Benzo(g,h,i)perylene	17.545	276	471729	45.916	ng	99

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

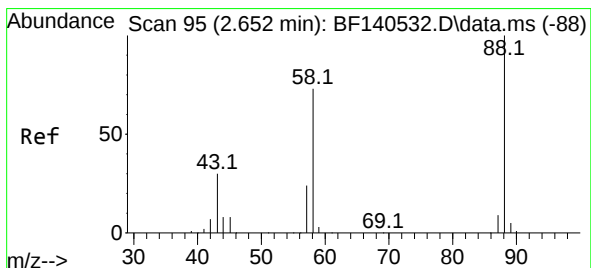
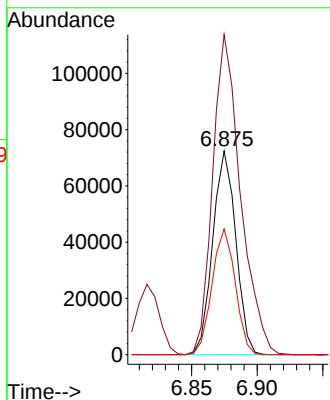
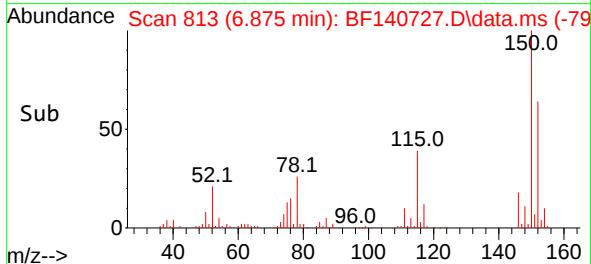


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Instrument :
BNA_F
ClientSampleId :
PB165356BS

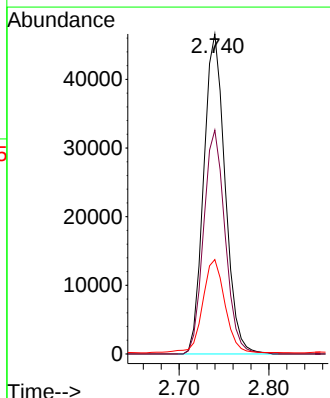
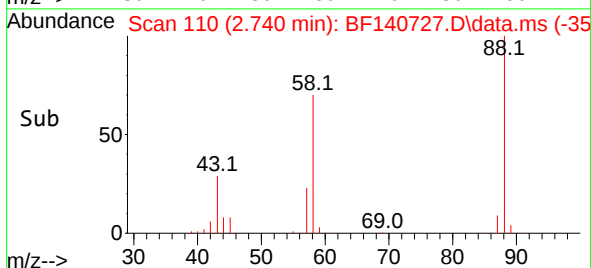
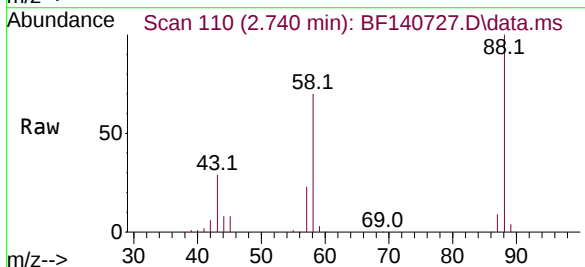


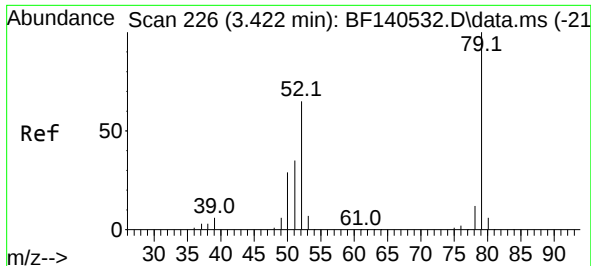
Tgt Ion:152 Resp: 88586
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 61.8 50.2 75.4



#2
1,4-Dioxane
Concen: 35.337 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.088 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 88 Resp: 77138
Ion Ratio Lower Upper
88 100
58 70.4 57.4 86.2
43 31.8 24.3 36.5

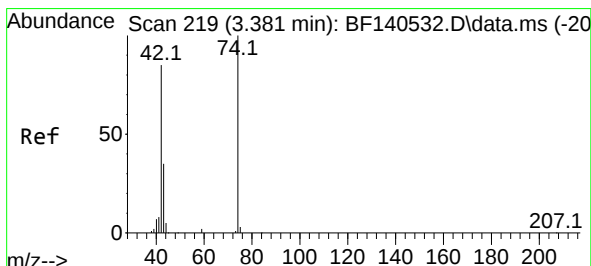
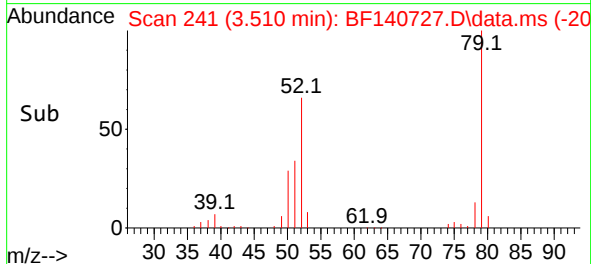
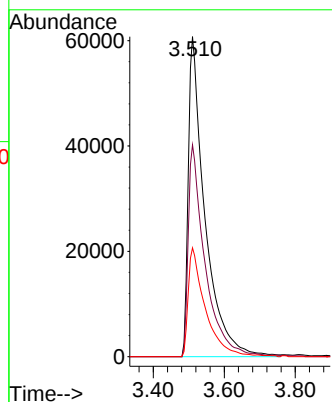
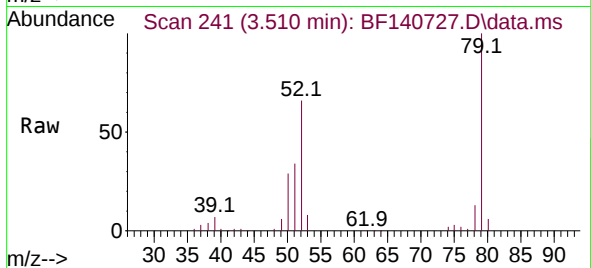




#3
Pyridine
Concen: 41.152 ng
RT: 3.510 min Scan# 241
Delta R.T. 0.088 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

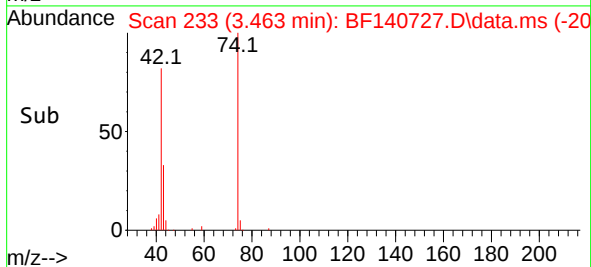
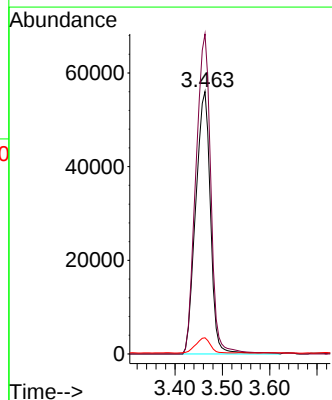
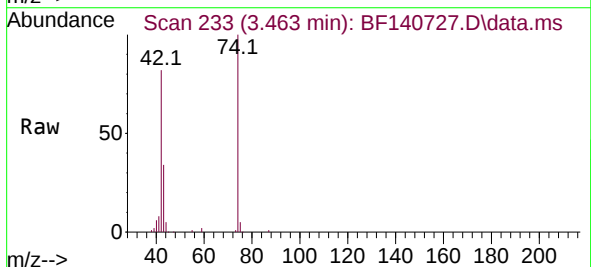
Instrument :
BNA_F
ClientSampleId :
PB165356BS

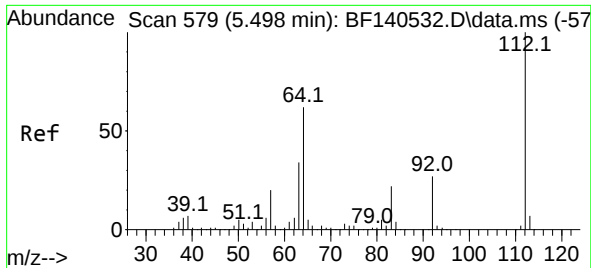
Tgt Ion: 79 Resp: 197655
Ion Ratio Lower Upper
79 100
52 66.2 52.1 78.1
51 34.0 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 42.998 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.082 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 42 Resp: 121377
Ion Ratio Lower Upper
42 100
74 121.9 93.8 140.6
44 6.1 4.6 6.8

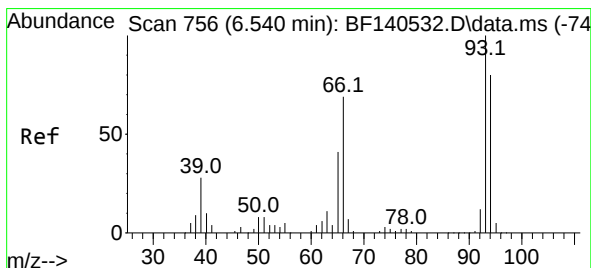
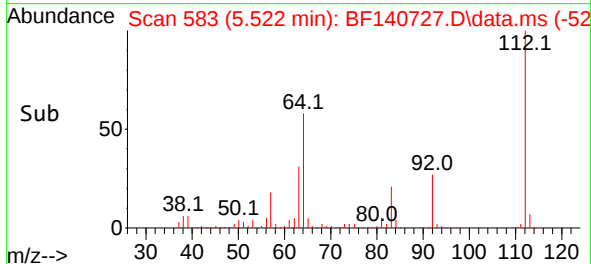
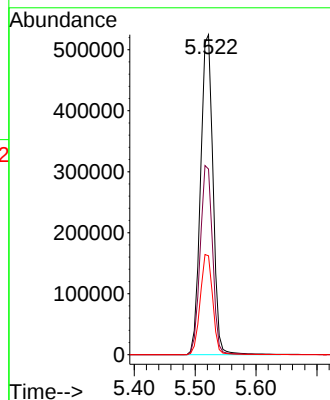
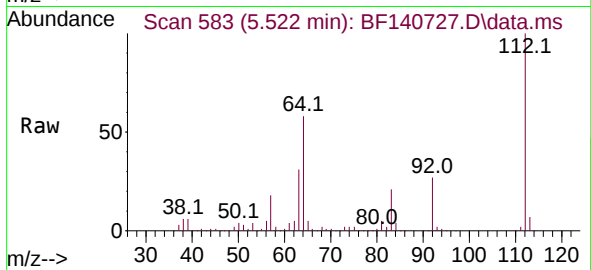




#5
2-Fluorophenol
Concen: 142.762 ng
RT: 5.522 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

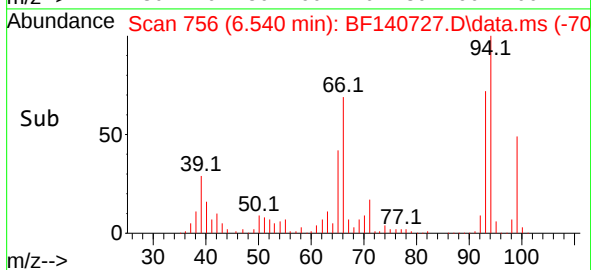
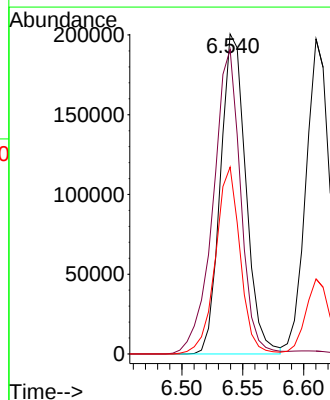
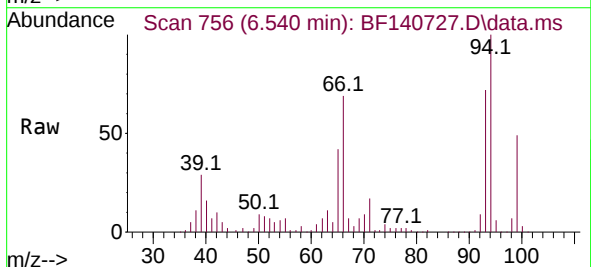
Instrument :
BNA_F
ClientSampleId :
PB165356BS

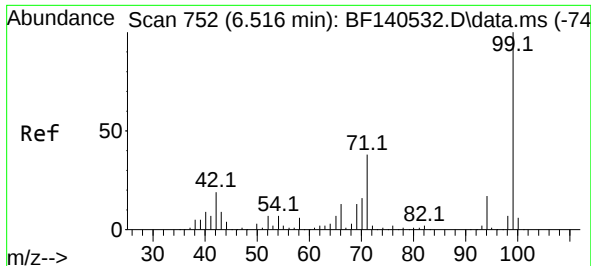
Tgt Ion:112 Resp: 741216
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 30.9 27.0 40.4



#6
Aniline
Concen: 60.208 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 93 Resp: 290879
Ion Ratio Lower Upper
93 100
66 95.2 56.5 84.7#
65 58.4 32.9 49.3#





#7

Phenol-d6

Concen: 143.643 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

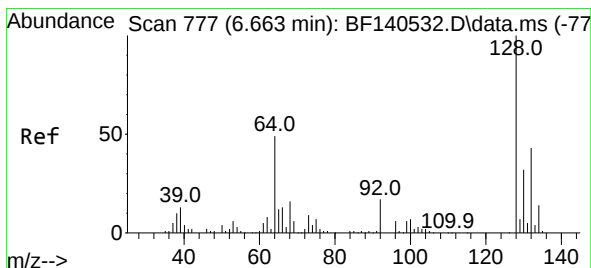
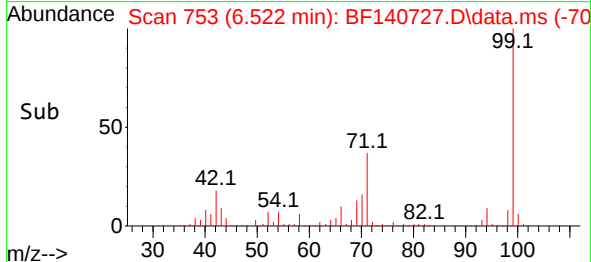
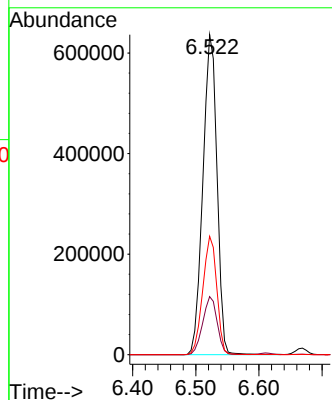
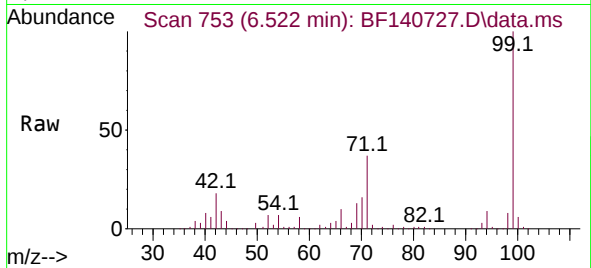
Tgt Ion: 99 Resp: 985953

Ion Ratio Lower Upper

99 100

42 18.2 15.4 23.0

71 37.0 30.6 46.0



#8

2-Chlorophenol

Concen: 51.265 ng

RT: 6.669 min Scan# 778

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

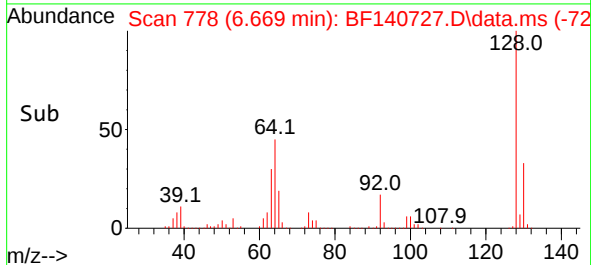
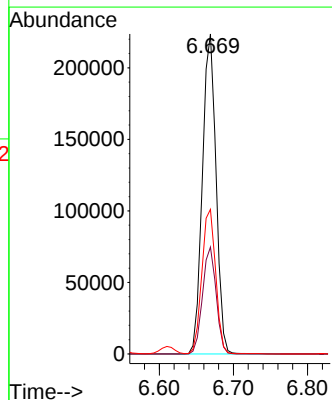
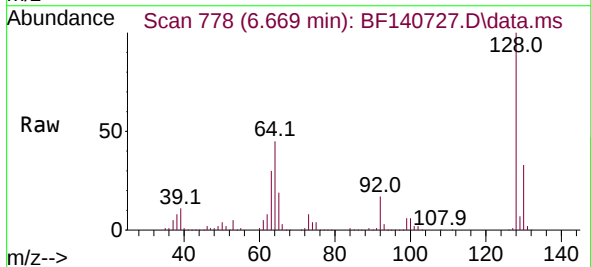
Tgt Ion:128 Resp: 286353

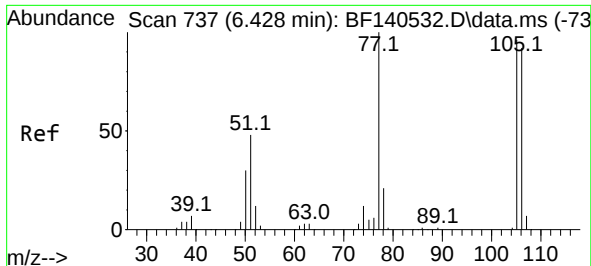
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 45.2 30.2 70.2



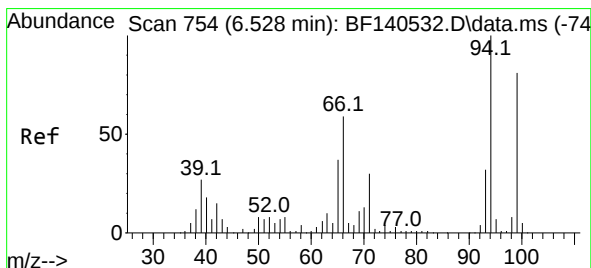
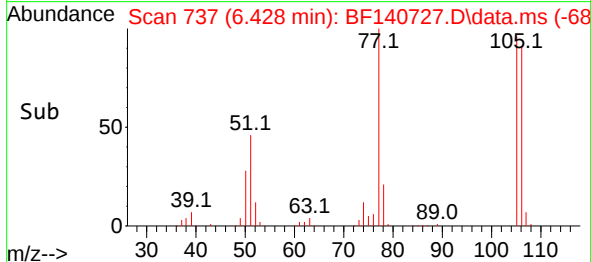
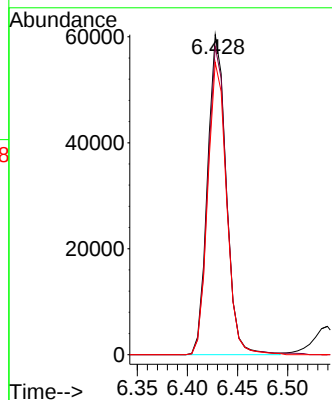
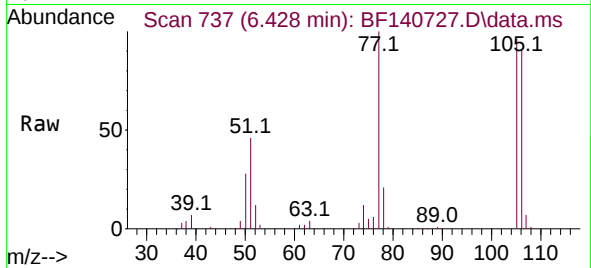


#9
Benzaldehyde
Concen: 21.594 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Instrument :
BNA_F
ClientSampleId :
PB165356BS

Tgt Ion: 77 Resp: 78464

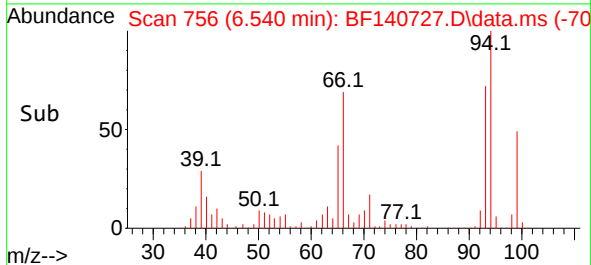
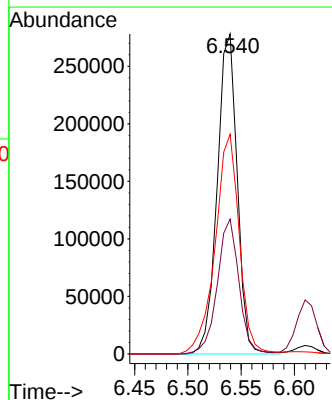
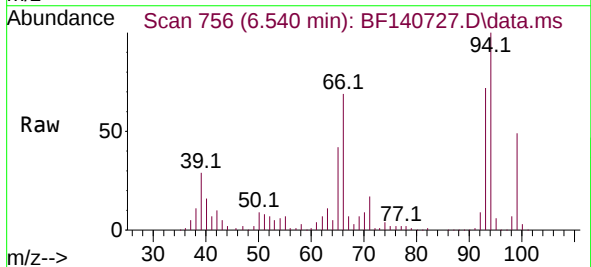
Ion	Ratio	Lower	Upper
77	100		
105	96.2	75.6	115.6
106	91.3	72.0	112.0

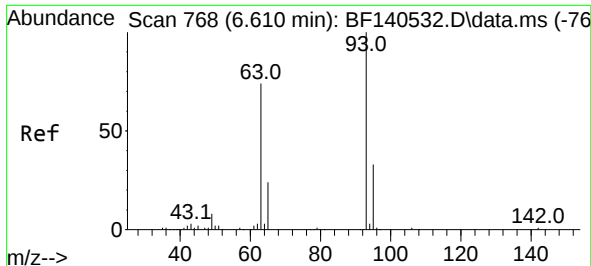


#10
Phenol
Concen: 51.684 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 94 Resp: 362294

Ion	Ratio	Lower	Upper
94	100		
65	42.1	17.2	57.2
66	68.7	39.2	79.2

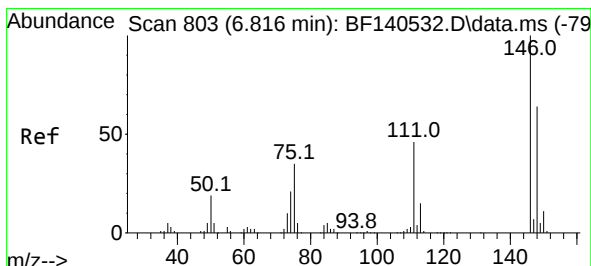
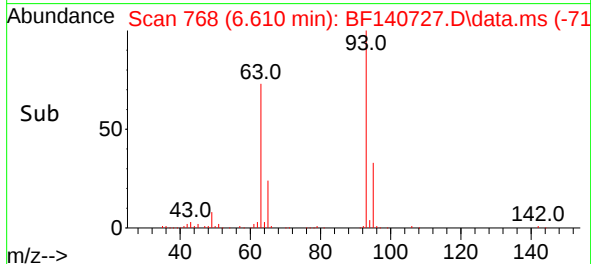
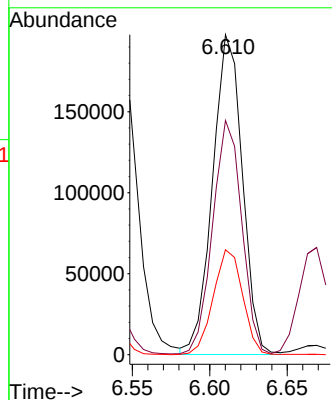
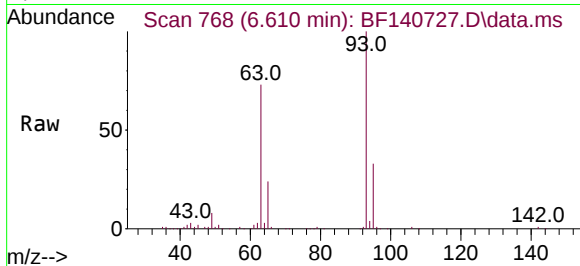




#11
bis(2-Chloroethyl)ether
Concen: 49.276 ng
RT: 6.610 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

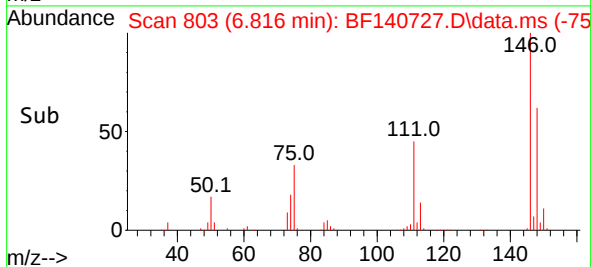
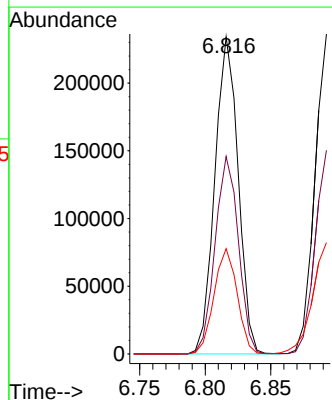
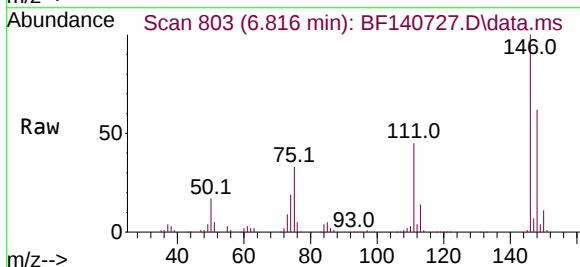
Instrument :
BNA_F
ClientSampleId :
PB165356BS

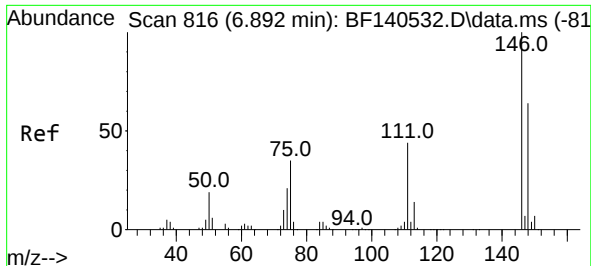
Tgt Ion: 93 Resp: 264319
Ion Ratio Lower Upper
93 100
63 73.2 52.8 92.8
95 32.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.086 ng
RT: 6.816 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 146 Resp: 289259
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
75 33.2 28.2 42.2

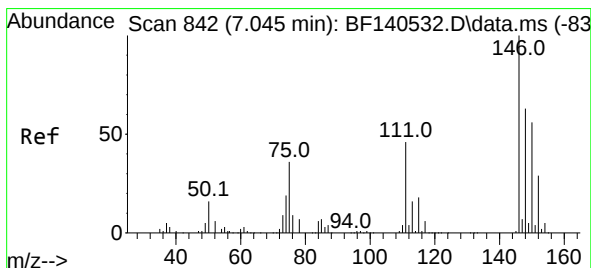
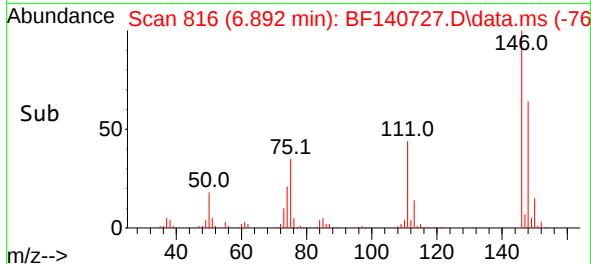
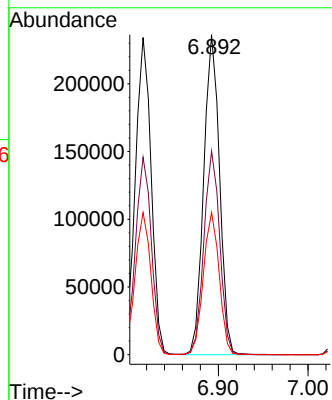
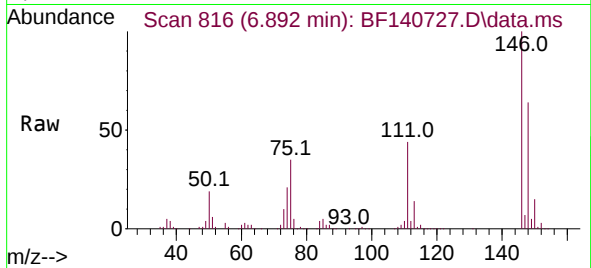




#13
1,4-Dichlorobenzene
Concen: 45.580 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

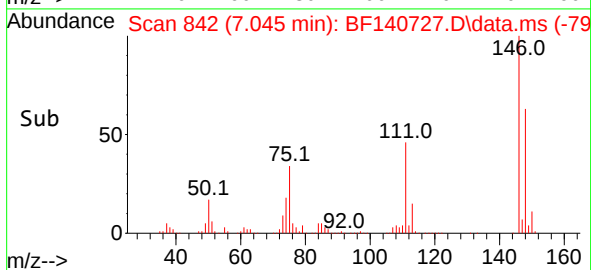
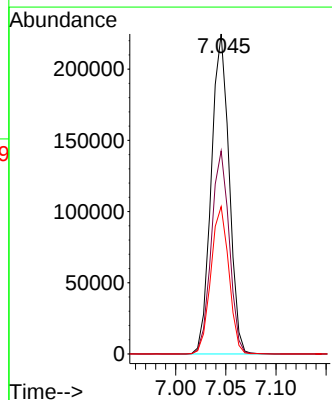
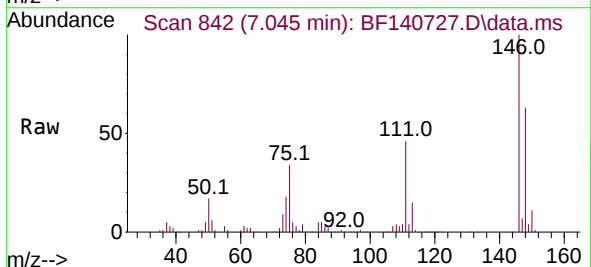
Instrument :
BNA_F
ClientSampleId :
PB165356BS

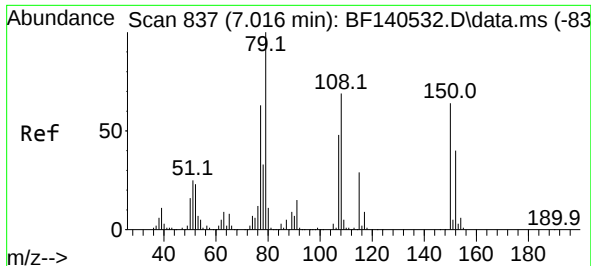
Tgt Ion:146 Resp: 289669
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 44.5 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 46.910 ng
RT: 7.045 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:146 Resp: 279347
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 46.1 36.7 55.1

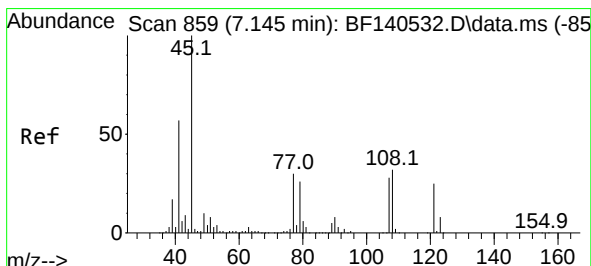
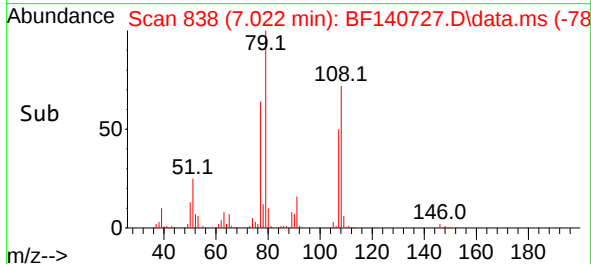
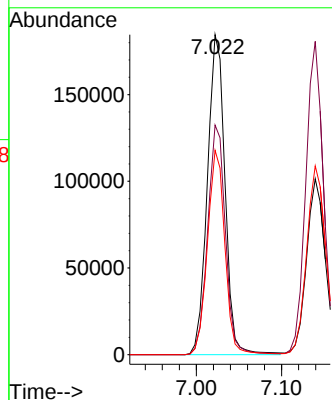
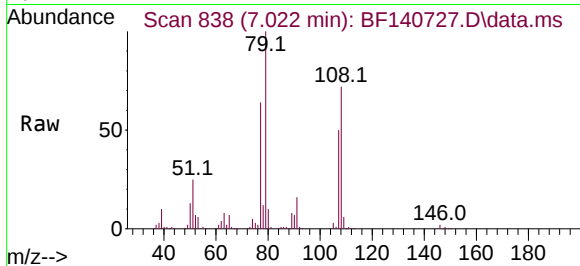




#15
Benzyl Alcohol
Concen: 52.054 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

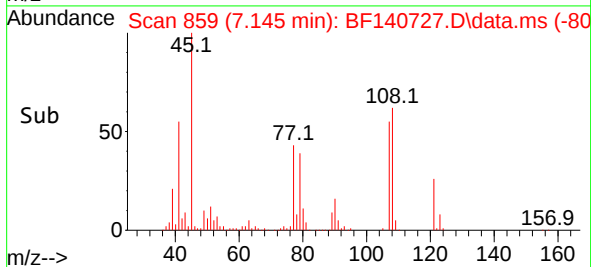
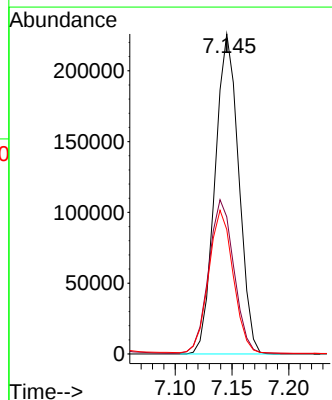
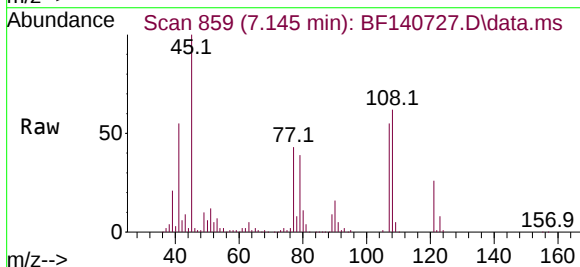
Instrument :
BNA_F
ClientSampleId :
PB165356BS

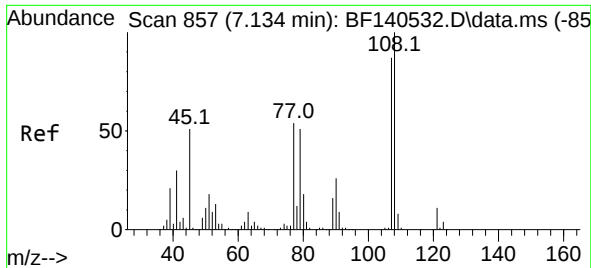
Tgt Ion: 79 Resp: 264966
Ion Ratio Lower Upper
79 100
108 71.7 55.0 82.6
77 63.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.773 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 45 Resp: 328089
Ion Ratio Lower Upper
45 100
77 42.9 10.7 50.7
79 38.9 7.0 47.0



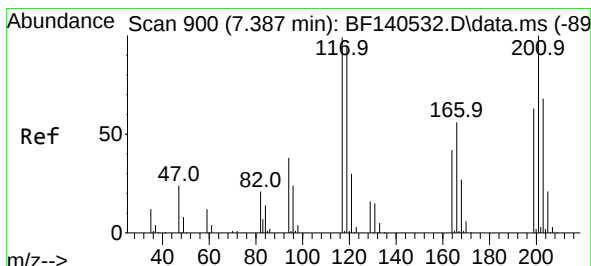
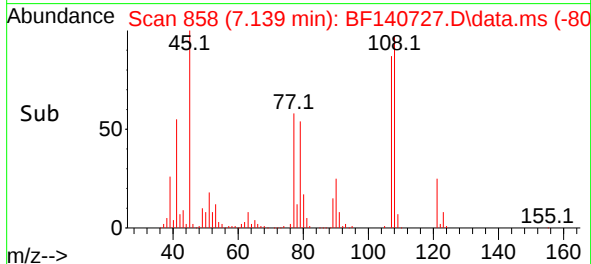
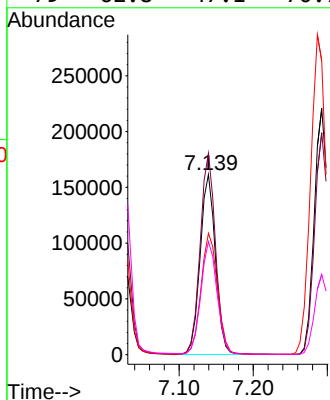
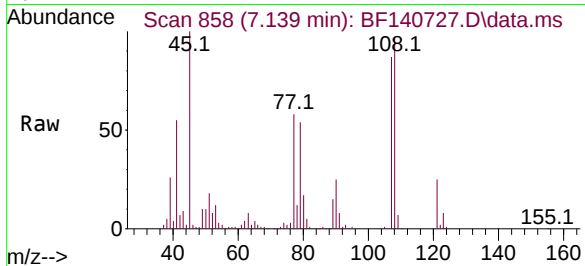


#17
2-Methylphenol
Concen: 51.844 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Instrument :
BNA_F
ClientSampleId :
PB165356BS

Tgt Ion:107 Resp: 231814

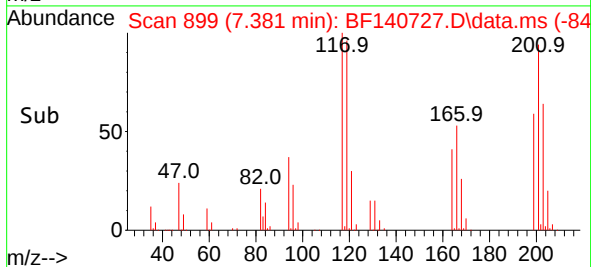
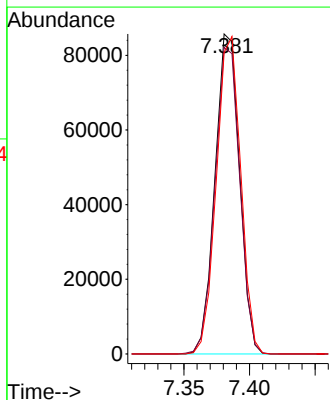
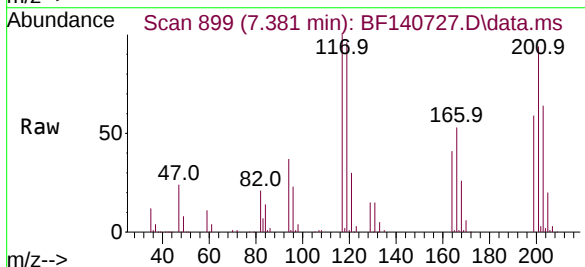
Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.7	137.5
77	67.4	49.3	73.9
79	62.8	47.1	70.7

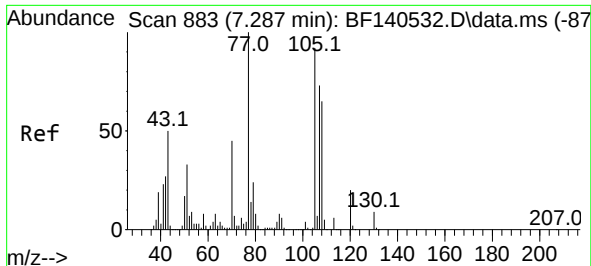


#18
Hexachloroethane
Concen: 47.055 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:117 Resp: 111688

Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.1	115.7
201	94.1	81.1	121.7



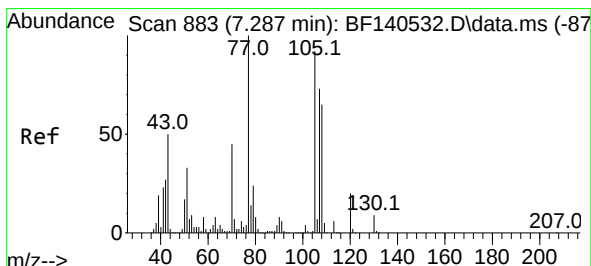
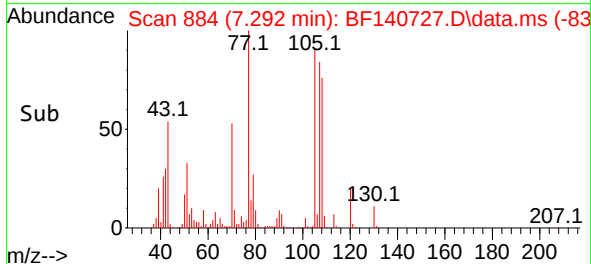
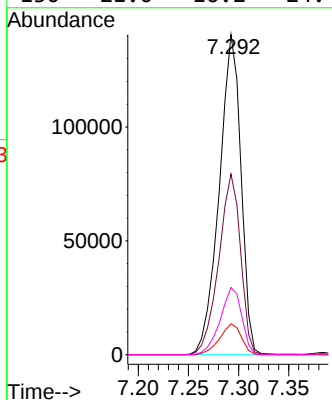
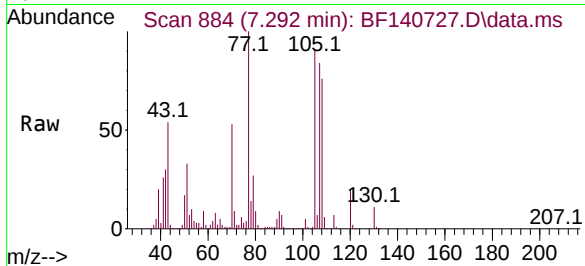


#19
n-Nitroso-di-n-propylamine
Concen: 52.146 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Instrument :
BNA_F
ClientSampleId :
PB165356BS

Tgt Ion: 70 Resp: 211534

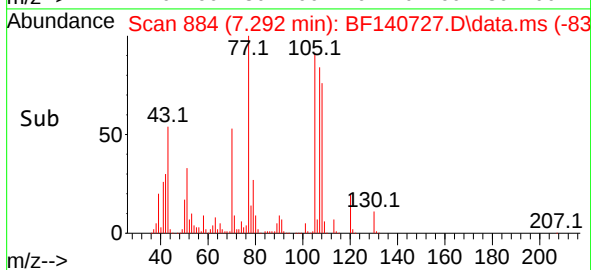
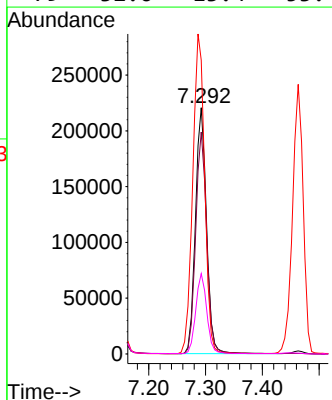
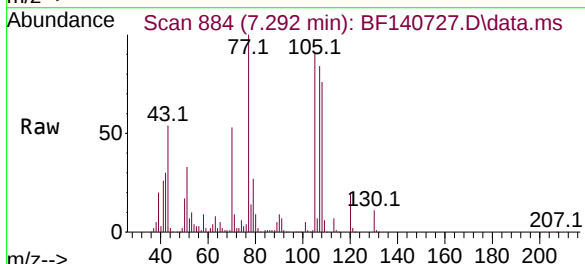
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.6	71.4
101	9.6	7.6	11.4
130	21.0	16.2	24.4

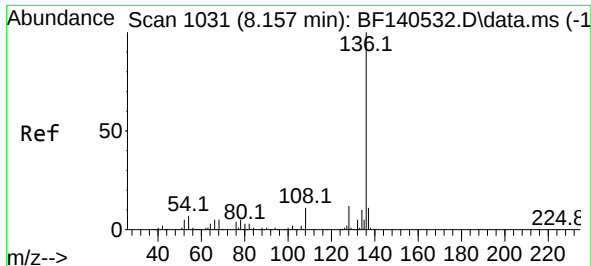


#20
3+4-Methylphenols
Concen: 51.932 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 107 Resp: 298468

Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	119.3	117.7	157.7
79	32.6	13.4	53.4



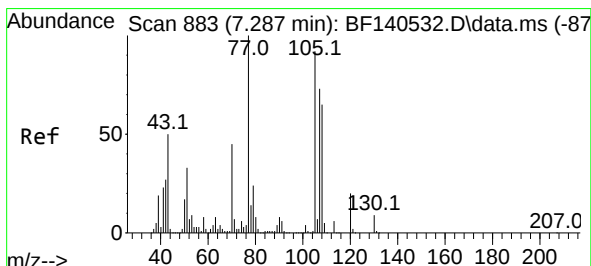
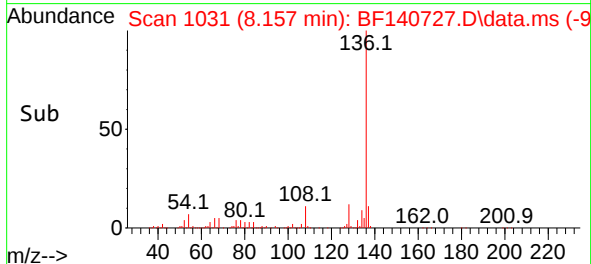
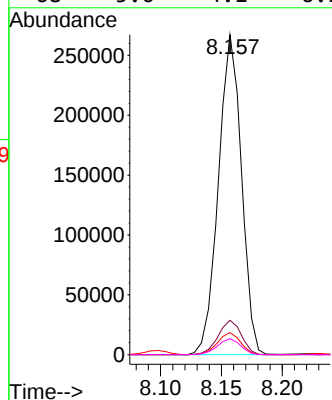
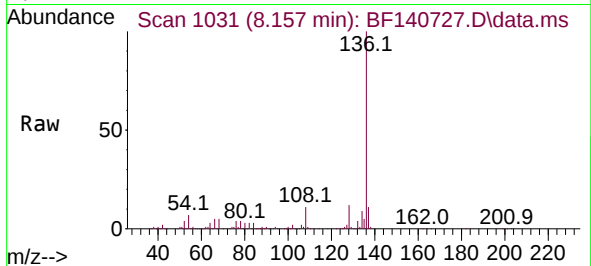


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Instrument :
BNA_F
ClientSampleId :
PB165356BS

Tgt Ion:136 Resp: 352415

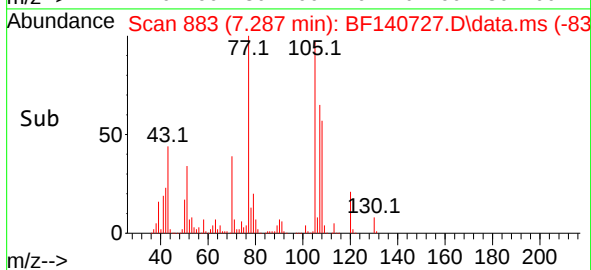
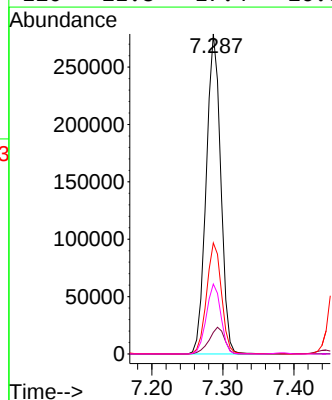
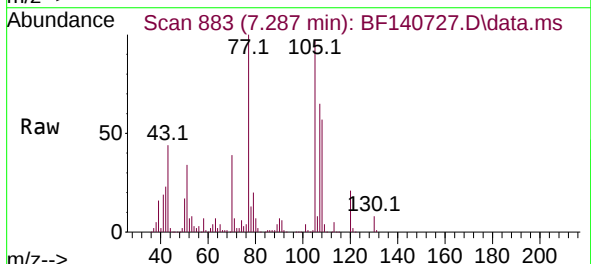
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	5.8	8.8
68	5.0	4.1	6.1

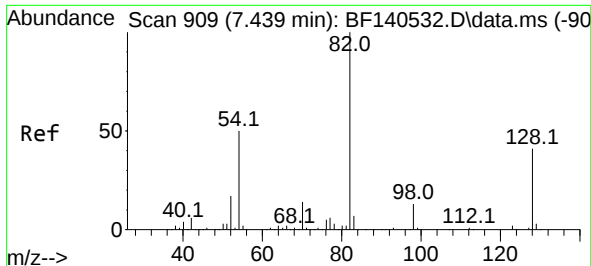


#22
Acetophenone
Concen: 46.266 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:105 Resp: 397508

Ion	Ratio	Lower	Upper
105	100		
71	6.7	6.2	9.2
51	34.7	29.0	43.6
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 94.339 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

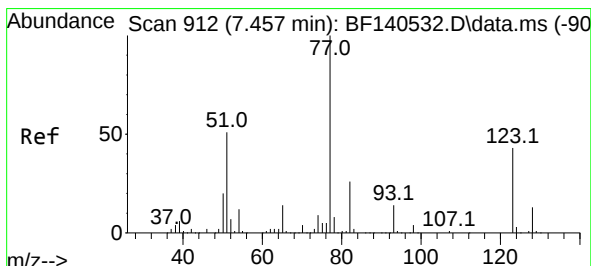
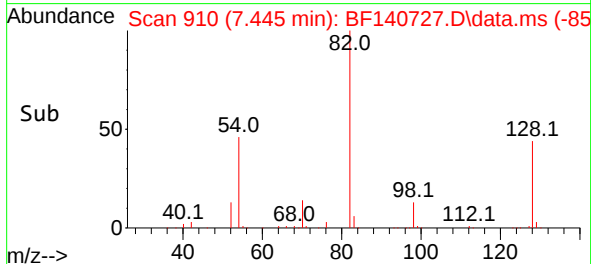
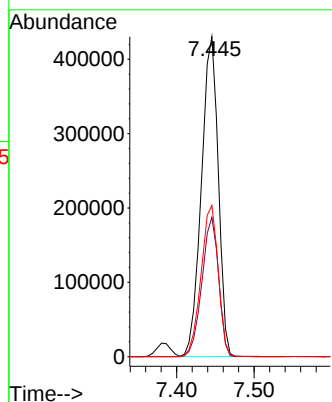
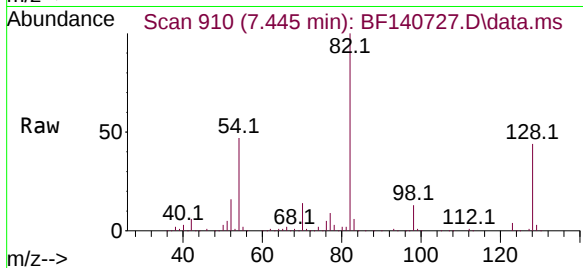
Tgt Ion: 82 Resp: 649979

Ion Ratio Lower Upper

82 100

128 43.5 33.0 49.4

54 47.3 39.5 59.3



#24

Nitrobenzene

Concen: 43.886 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

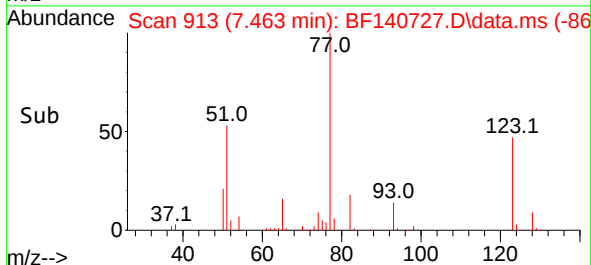
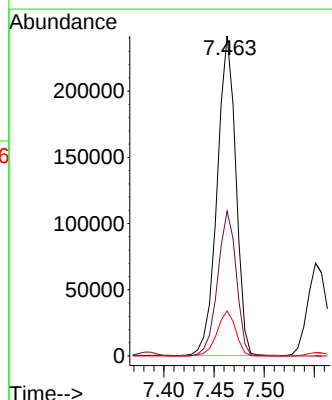
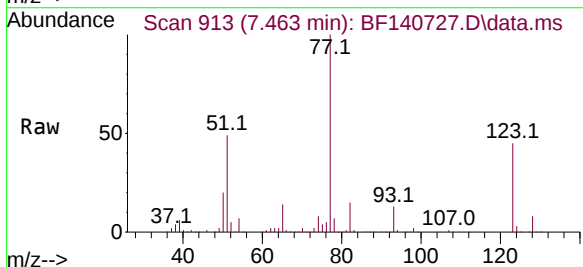
Tgt Ion: 77 Resp: 312507

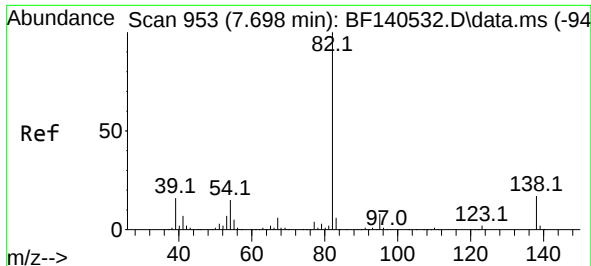
Ion Ratio Lower Upper

77 100

123 45.2 34.3 51.5

65 14.0 11.2 16.8

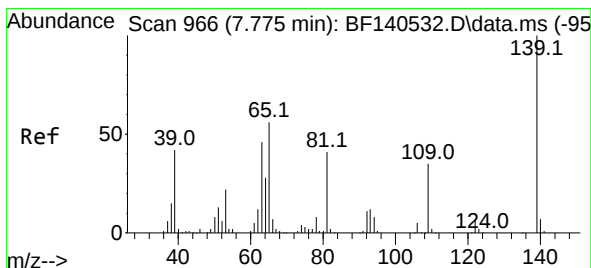
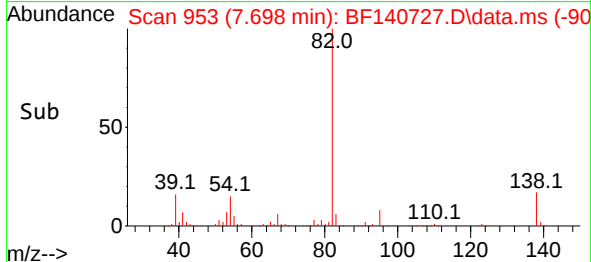
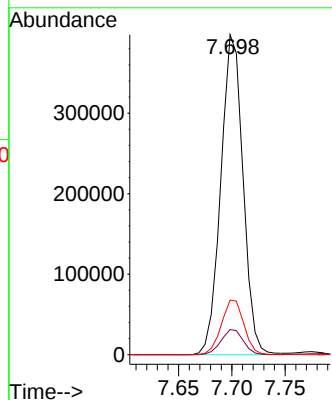
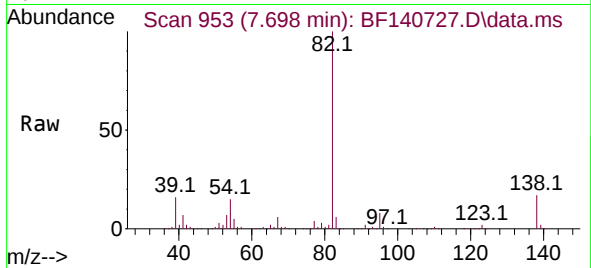




#25
Isophorone
Concen: 50.142 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

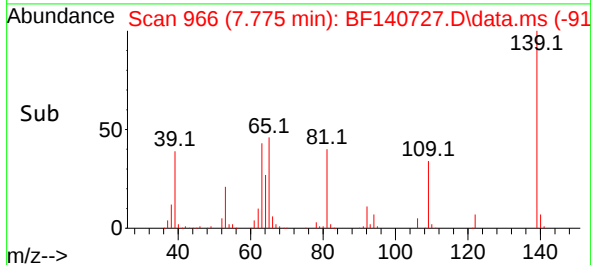
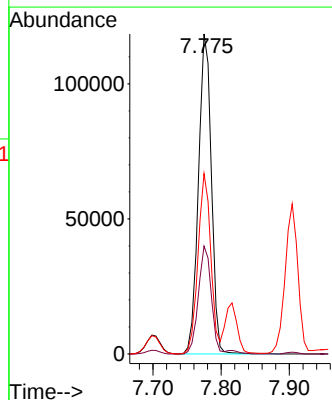
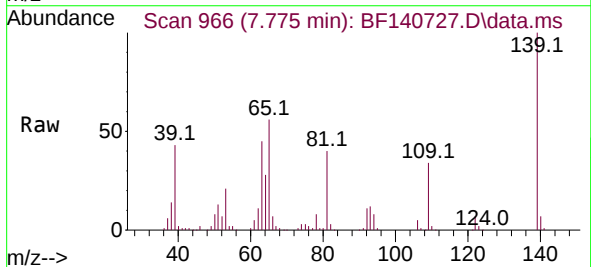
Instrument :
BNA_F
ClientSampleId :
PB165356BS

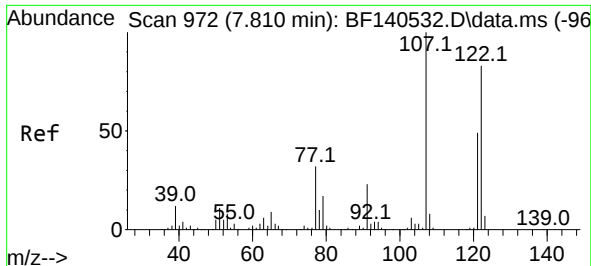
Tgt Ion: 82 Resp: 576214
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.1 13.8 20.6



#26
2-Nitrophenol
Concen: 49.566 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:139 Resp: 156413
Ion Ratio Lower Upper
139 100
109 33.7 28.0 42.0
65 56.3 44.6 67.0

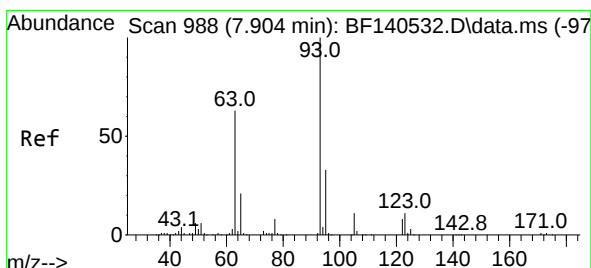
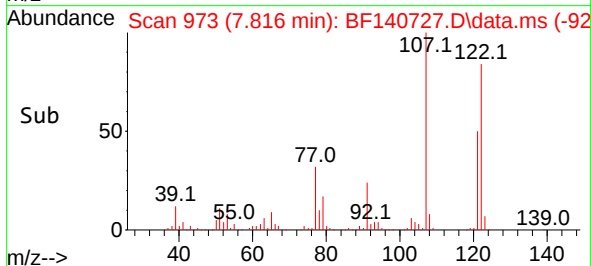
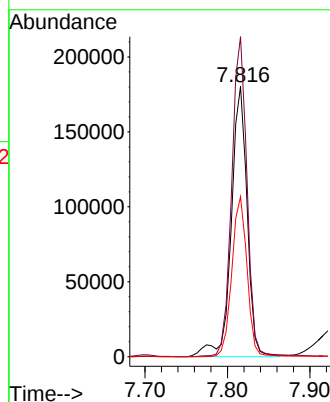
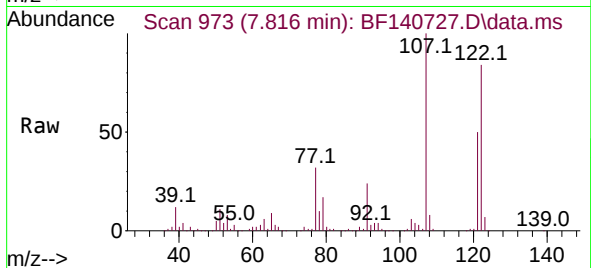




#27
2,4-Dimethylphenol
Concen: 63.834 ng m
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

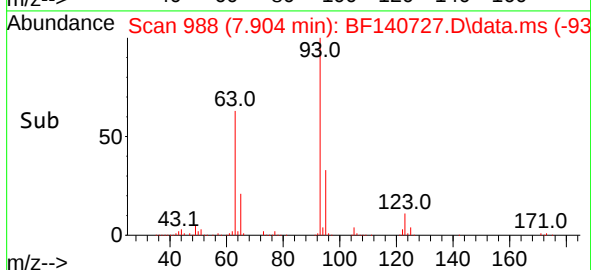
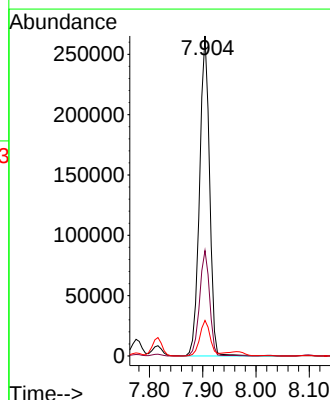
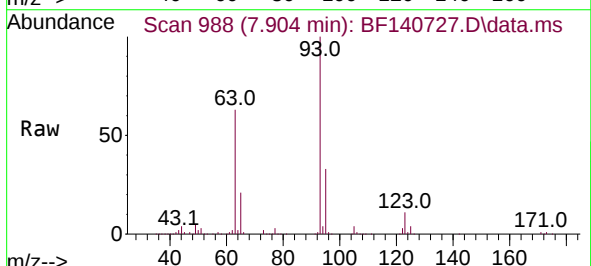
Instrument :
BNA_F
ClientSampleId :
PB165356BS

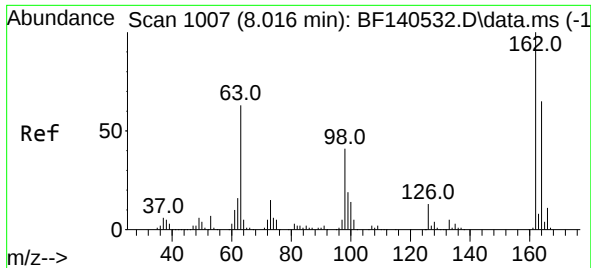
Tgt Ion:122 Resp: 241013
Ion Ratio Lower Upper
122 100
107 118.4 96.8 145.2
121 59.2 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.515 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion: 93 Resp: 346643
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 51.226 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

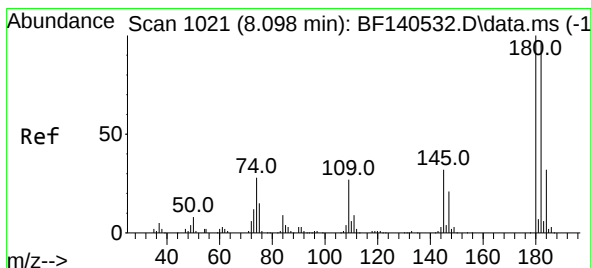
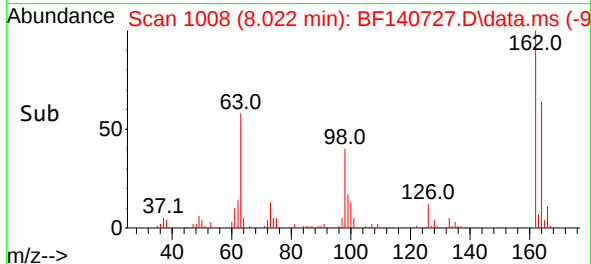
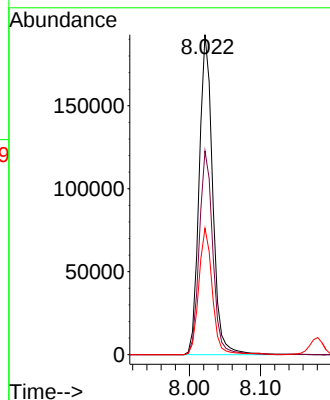
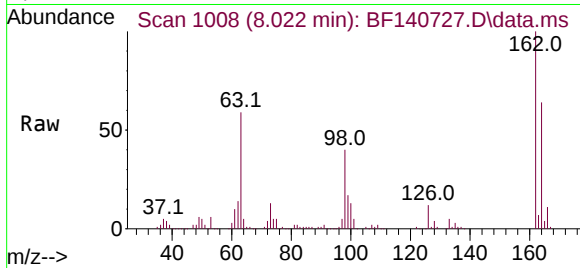
Tgt Ion:162 Resp: 256282

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

98 39.5 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.261 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

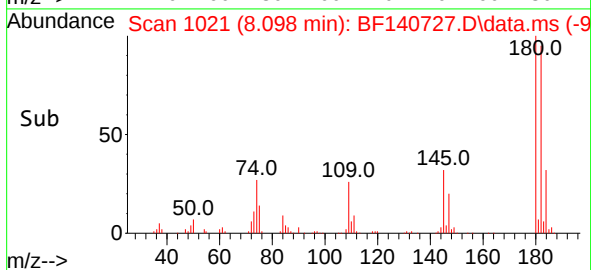
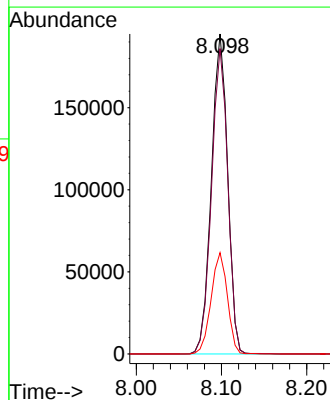
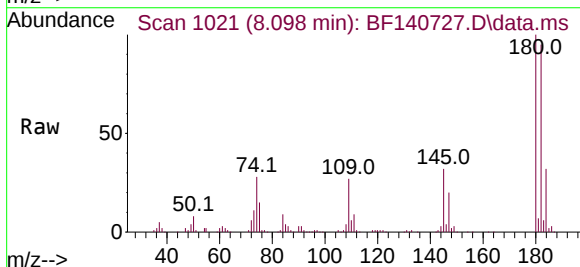
Tgt Ion:180 Resp: 258545

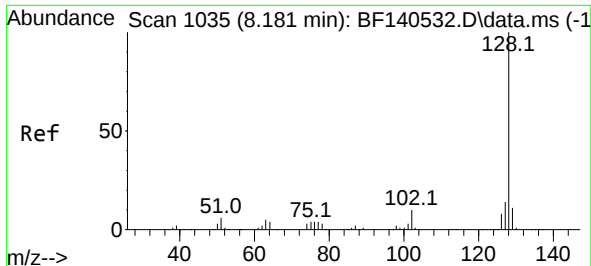
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.6 25.9 38.9

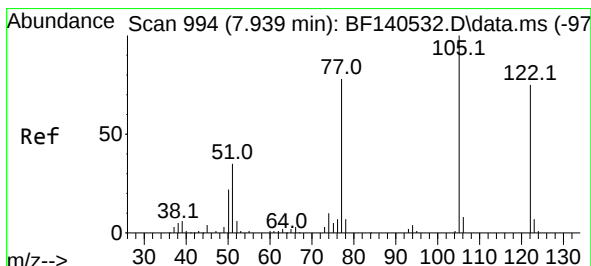
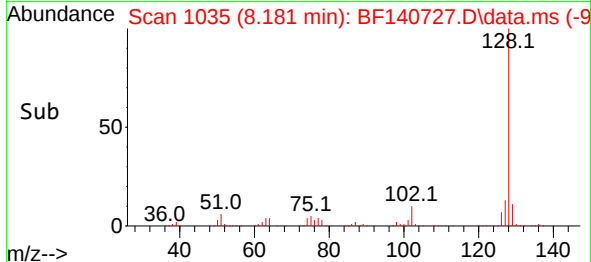
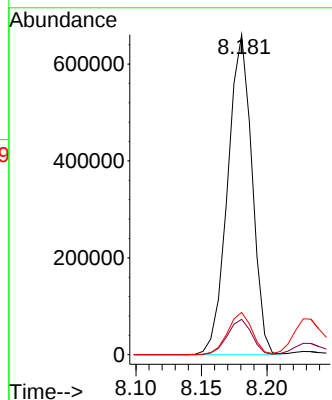
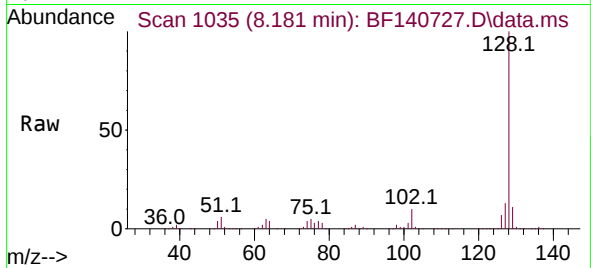




#31
Naphthalene
Concen: 46.905 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

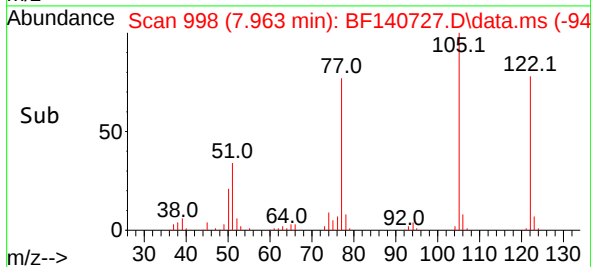
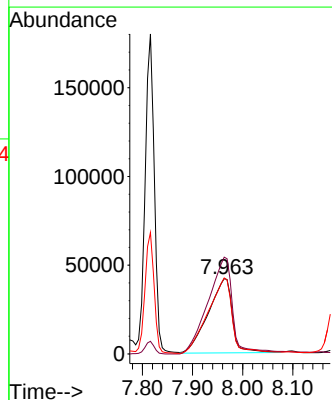
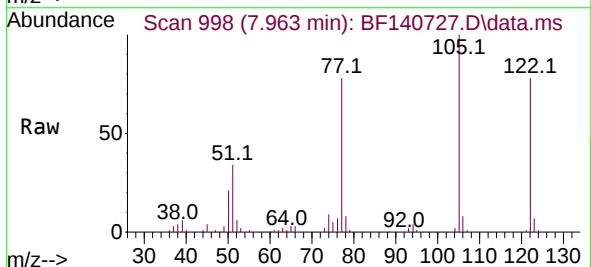
Instrument :
BNA_F
ClientSampleId :
PB165356BS

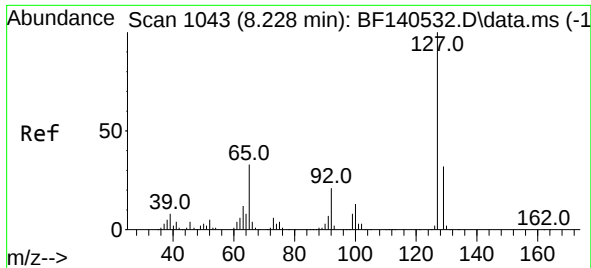
Tgt Ion:128 Resp: 851442
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 43.237 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:122 Resp: 139304
Ion Ratio Lower Upper
122 100
105 128.3 109.3 149.3
77 100.7 82.3 122.3

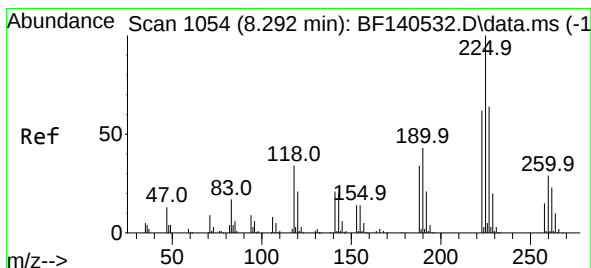
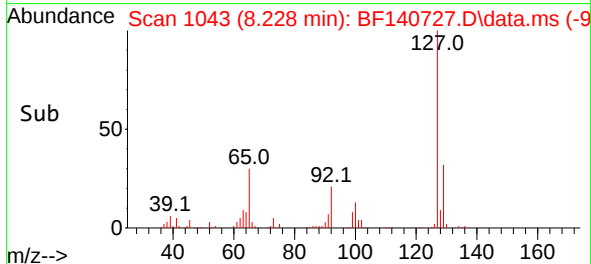
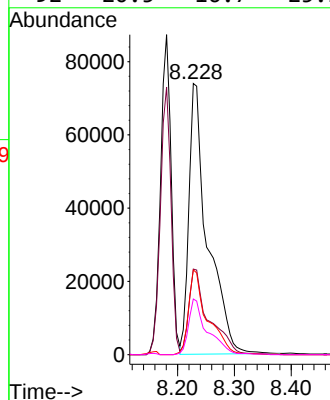
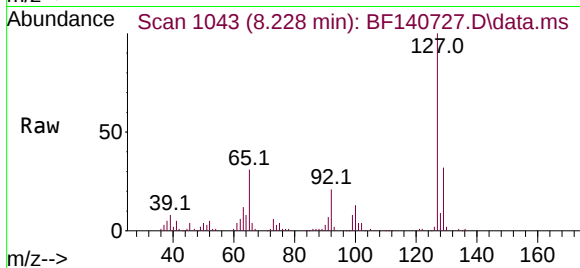




#33
4-Chloroaniline
Concen: 31.102 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

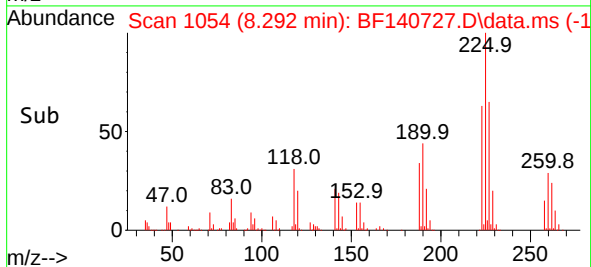
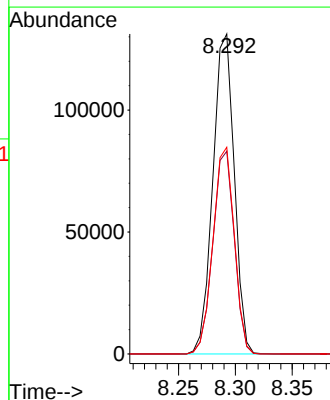
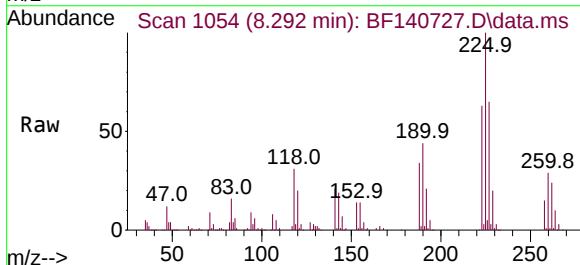
Instrument :
BNA_F
ClientSampleId :
PB165356BS

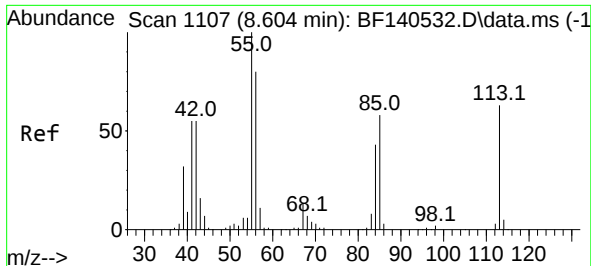
Tgt Ion:127	Resp: 169037
Ion Ratio	Lower Upper
127 100	
129 31.6	26.0 39.0
65 31.3	26.0 39.0
92 20.5	16.7 25.1



#34
Hexachlorobutadiene
Concen: 45.473 ng
RT: 8.292 min Scan# 1054
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:225	Resp: 172049
Ion Ratio	Lower Upper
225 100	
223 63.4	49.8 74.8
227 64.6	51.3 76.9

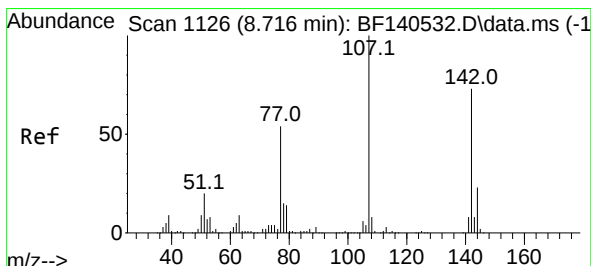
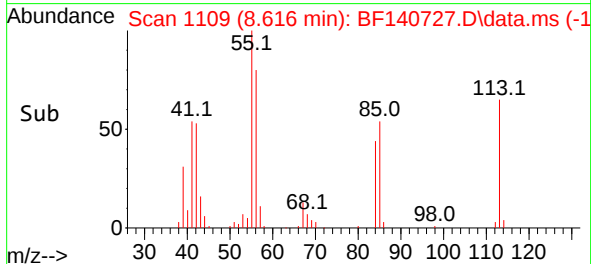
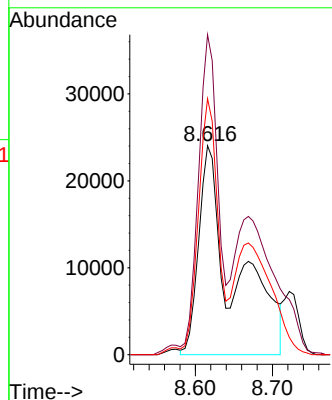
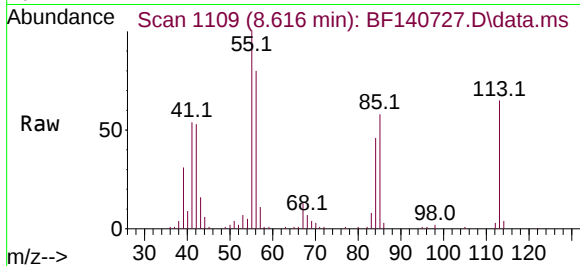




#35
Caprolactam
Concen: 49.081 ng m
RT: 8.616 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

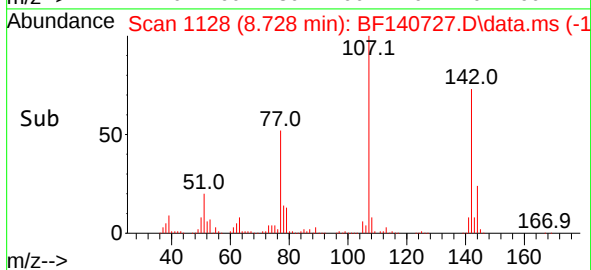
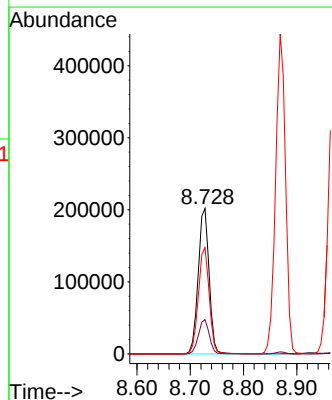
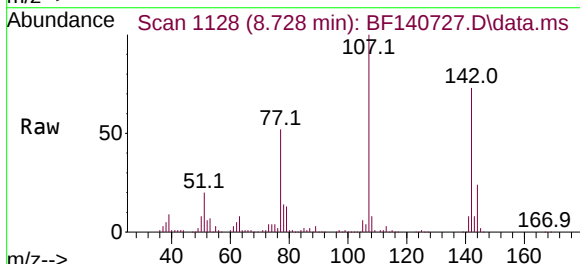
Instrument :
BNA_F
ClientSampleId :
PB165356BS

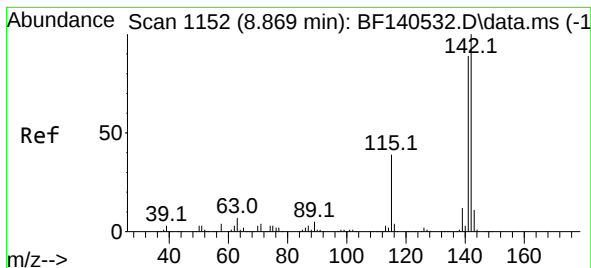
Tgt Ion:113 Resp: 75991
Ion Ratio Lower Upper
113 100
55 153.1 137.7 177.7
56 122.5 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 51.627 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:107 Resp: 289187
Ion Ratio Lower Upper
107 100
144 23.7 18.7 28.1
142 73.2 58.3 87.5





#37

2-Methylnaphthalene

Concen: 50.019 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

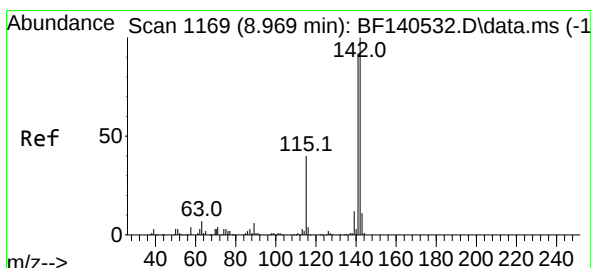
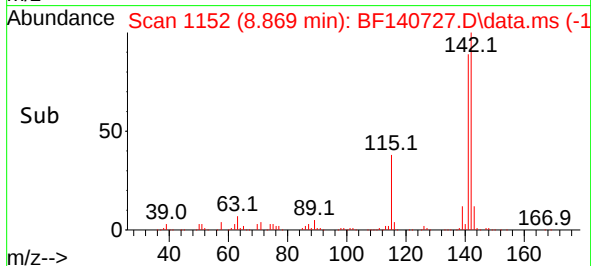
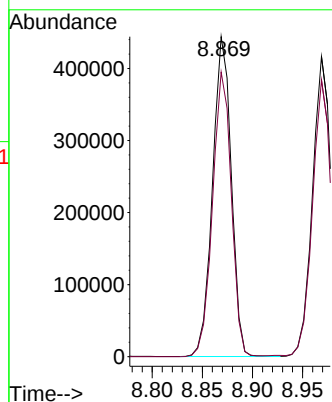
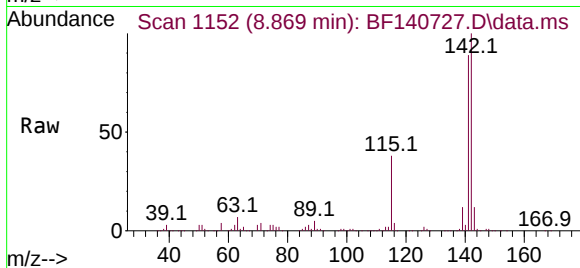
PB165356BS

Tgt Ion:142 Resp: 576699

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.457 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140727.D

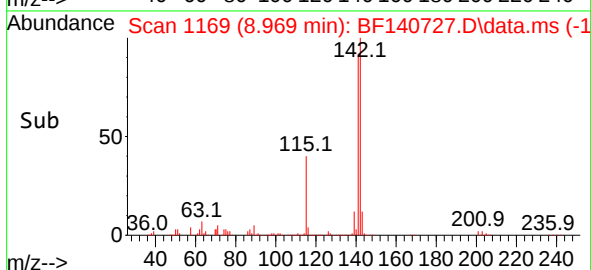
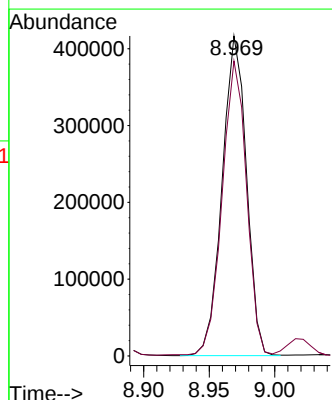
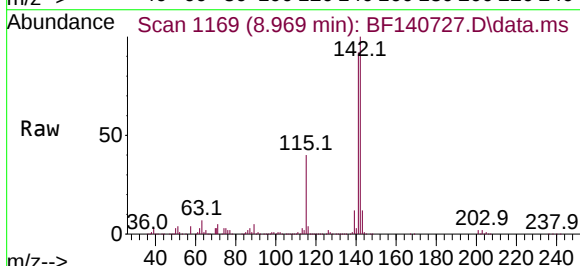
Acq: 04 Dec 2024 14:27

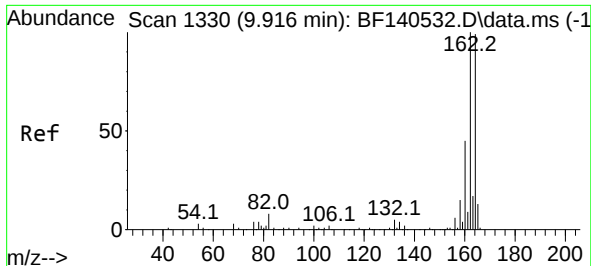
Tgt Ion:142 Resp: 536326

Ion Ratio Lower Upper

142 100

141 92.2 73.3 109.9

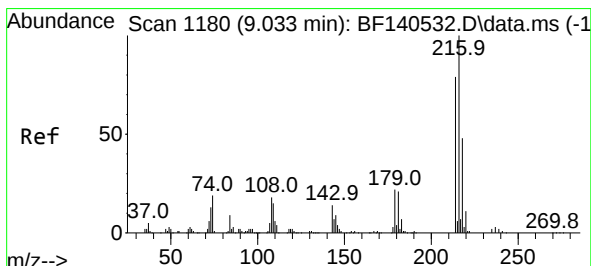
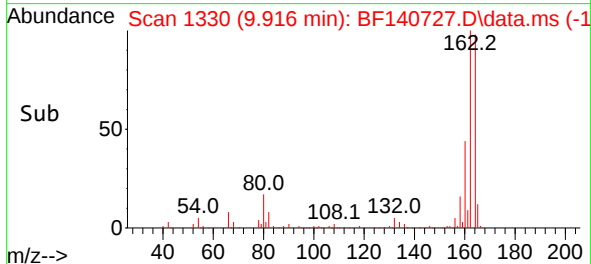
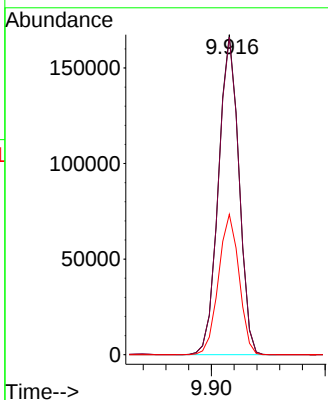
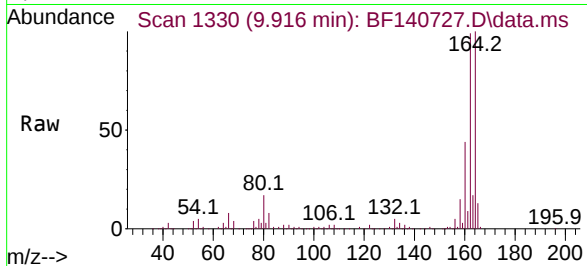




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

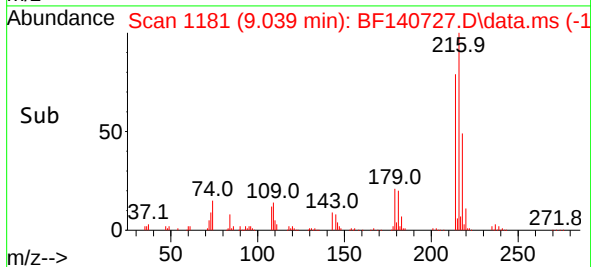
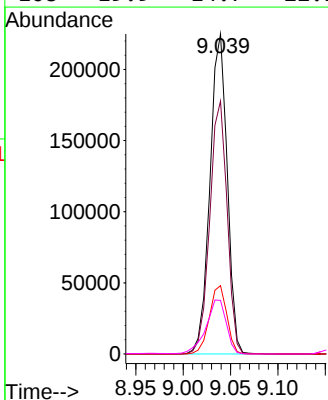
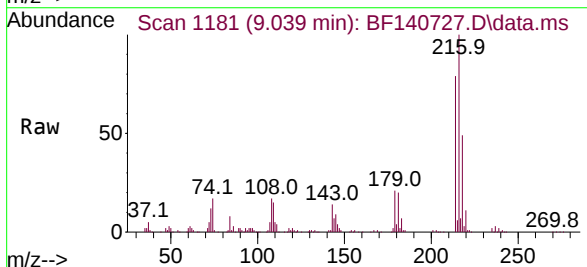
Instrument :
BNA_F
ClientSampleId :
PB165356BS

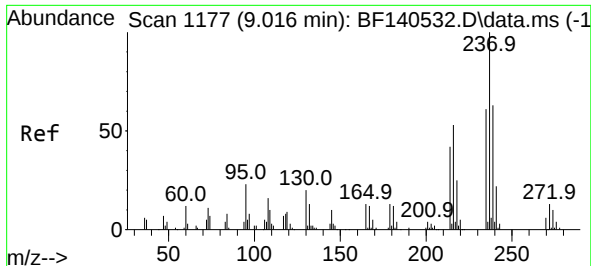
Tgt Ion:164 Resp: 209007
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 43.8 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.554 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

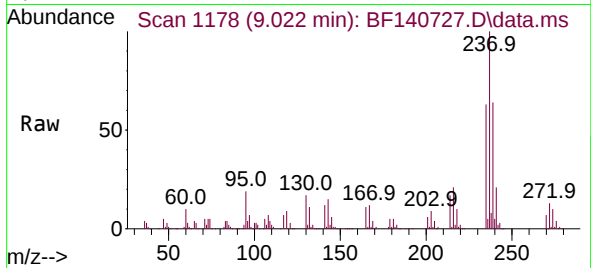
Tgt Ion:216 Resp: 284847
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 21.6 17.5 26.3
108 19.9 14.7 22.1



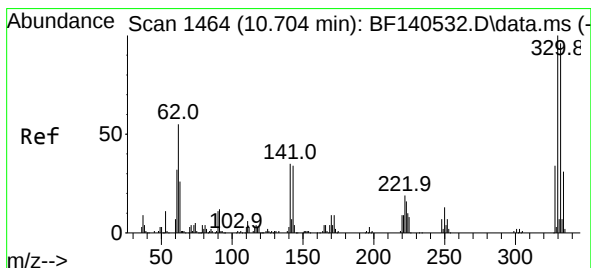
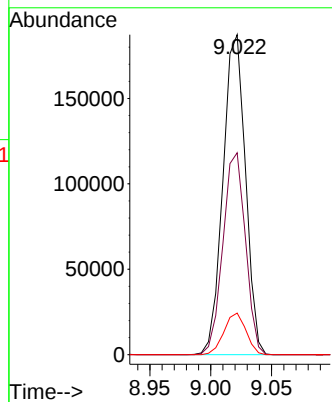
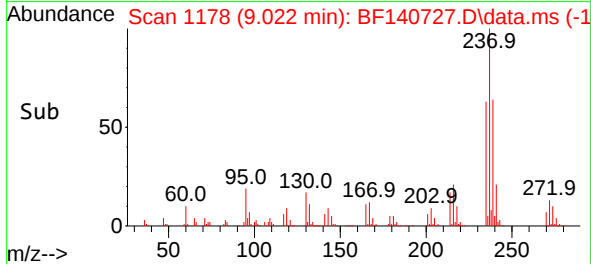


#41
Hexachlorocyclopentadiene
Concen: 166.425 ng
RT: 9.022 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

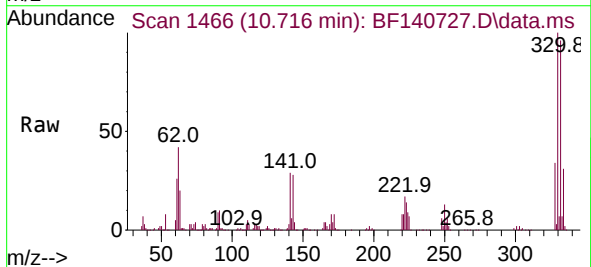
Instrument :
BNA_F
ClientSampleId :
PB165356BS



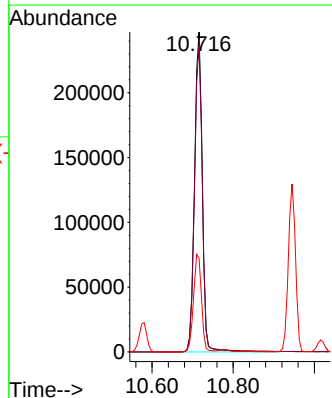
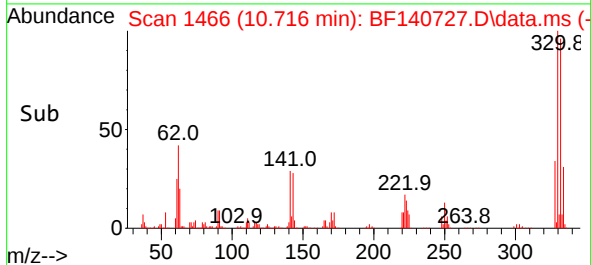
Tgt Ion:237 Resp: 240812
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.0 0.0 32.6

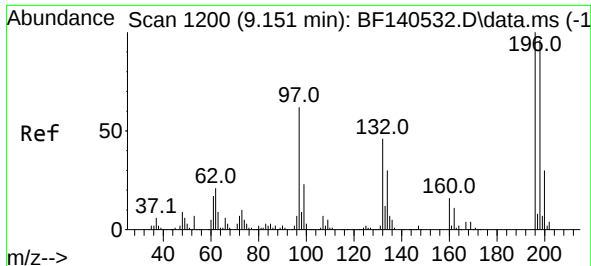


#42
2,4,6-Tribromophenol
Concen: 148.558 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27



Tgt Ion:330 Resp: 332079
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 31.1 26.7 40.1

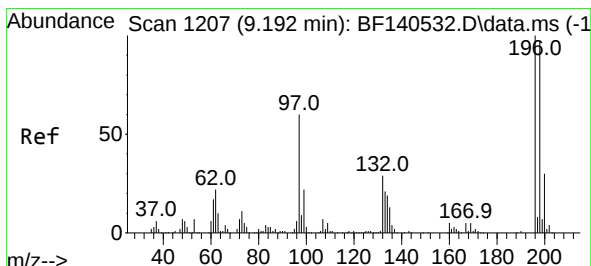
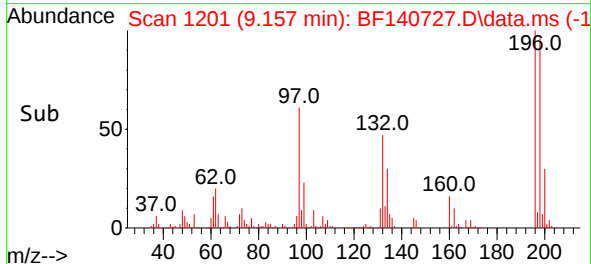
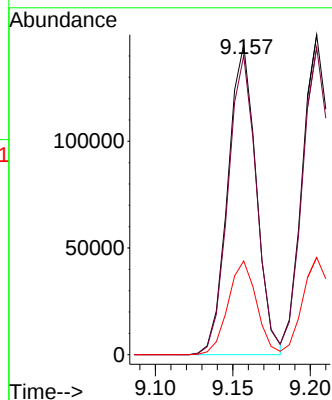
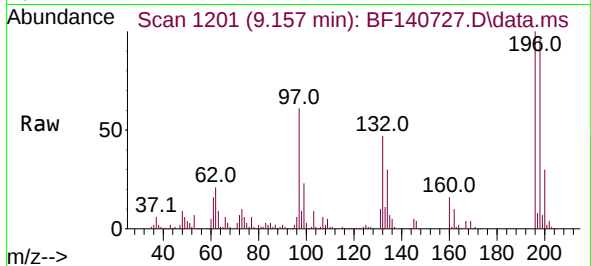




#43
2,4,6-Trichlorophenol
Concen: 48.164 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

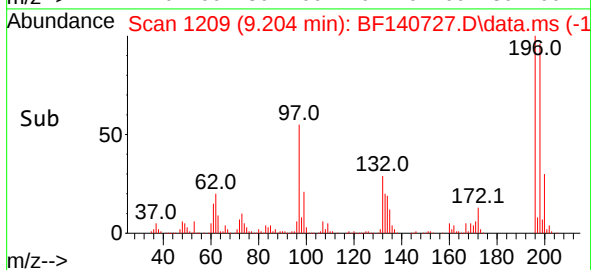
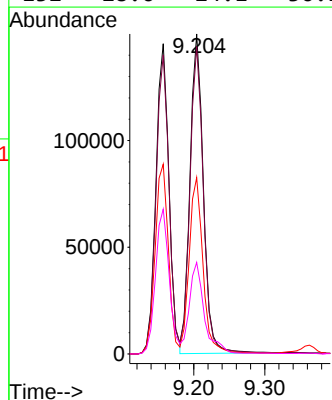
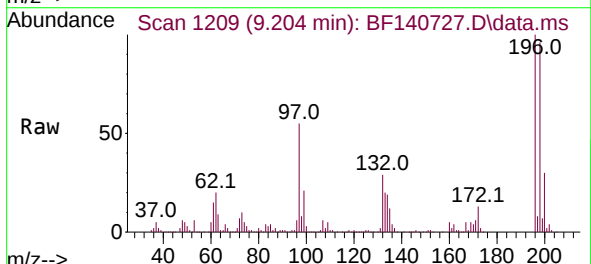
Instrument :
BNA_F
ClientSampleId :
PB165356BS

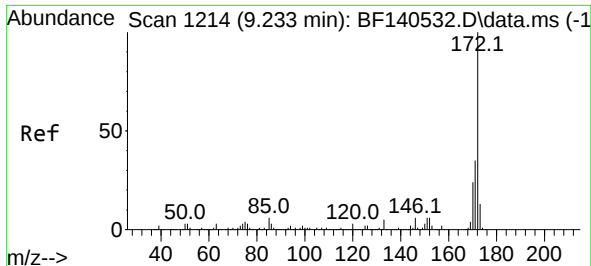
Tgt Ion:196 Resp: 184923
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
200 30.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.295 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:196 Resp: 197071
Ion Ratio Lower Upper
196 100
198 96.1 77.2 115.8
97 55.1 47.1 70.7
132 28.6 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 94.912 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

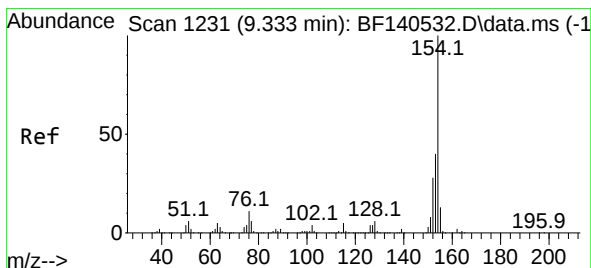
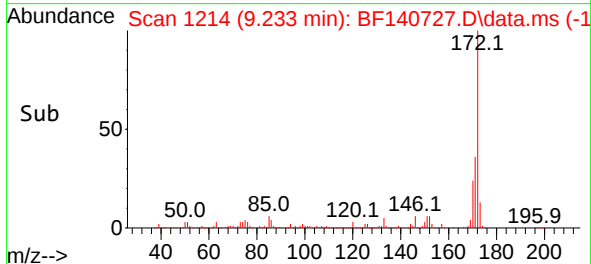
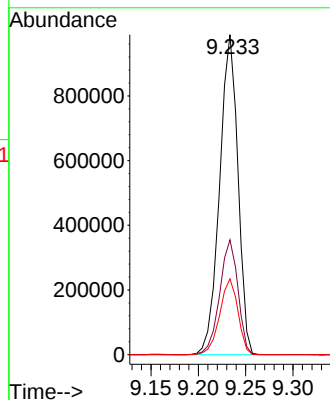
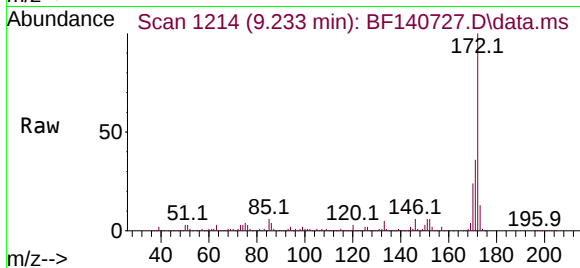
Tgt Ion:172 Resp: 1331412

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.456 ng

RT: 9.333 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

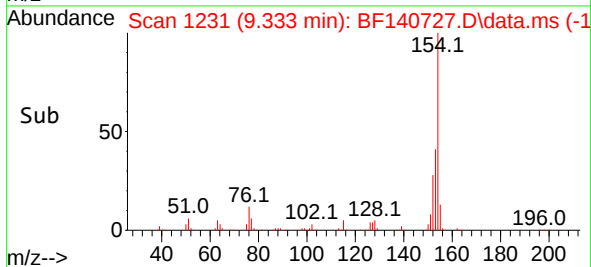
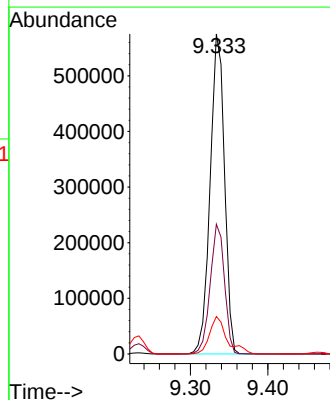
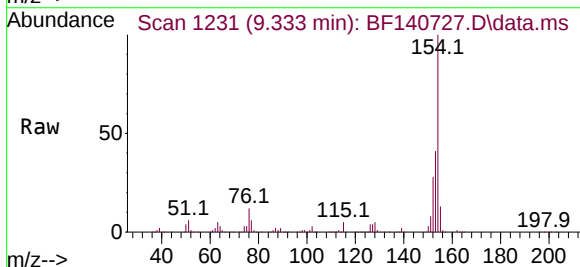
Tgt Ion:154 Resp: 740527

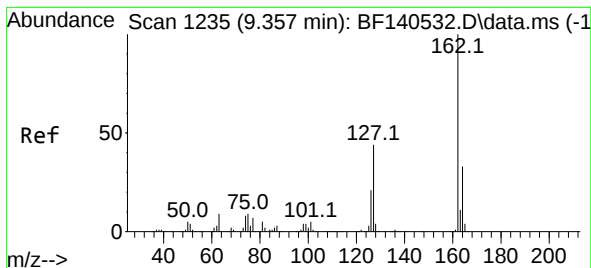
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 11.7 0.0 31.2





#47

2-Chloronaphthalene

Concen: 46.347 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

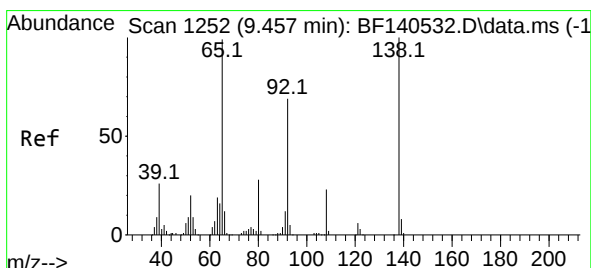
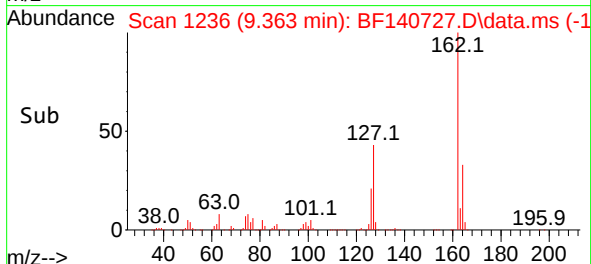
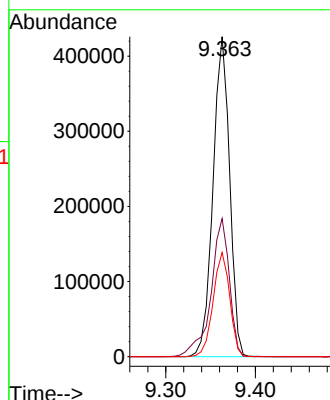
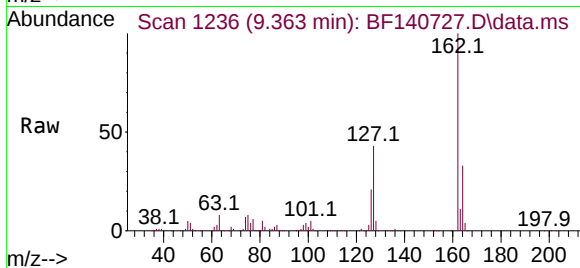
Tgt Ion:162 Resp: 548003

Ion Ratio Lower Upper

162 100

127 43.2 35.7 53.5

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 46.439 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

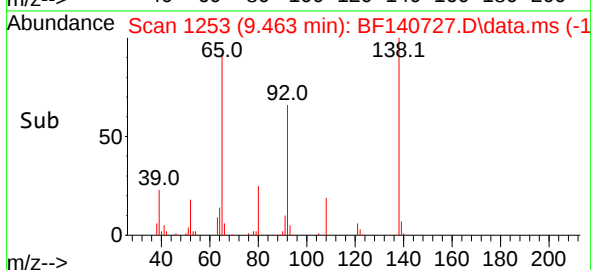
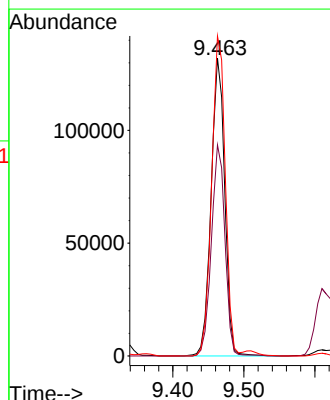
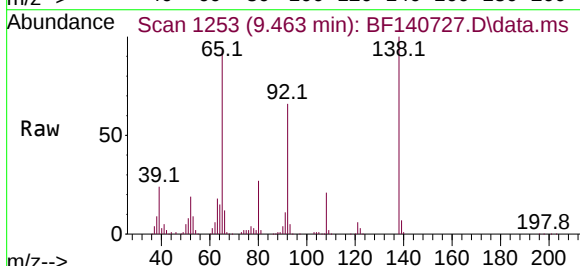
Tgt Ion: 65 Resp: 176250

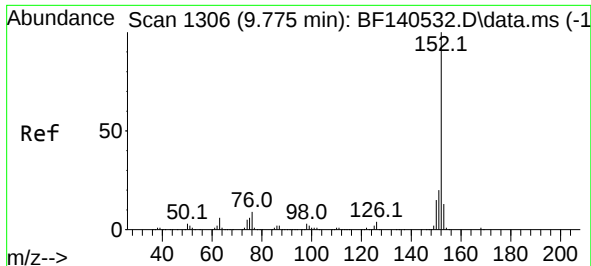
Ion Ratio Lower Upper

65 100

92 70.8 56.1 84.1

138 107.4 81.0 121.6

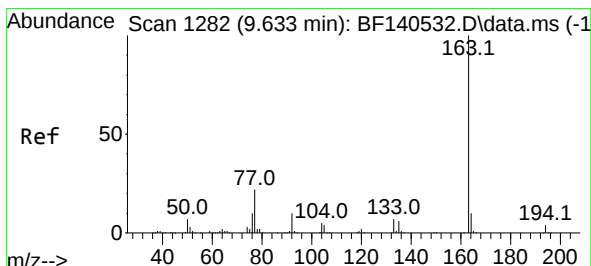
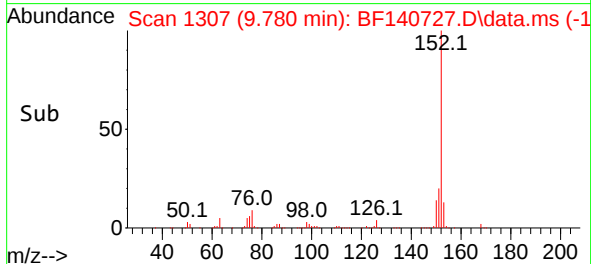
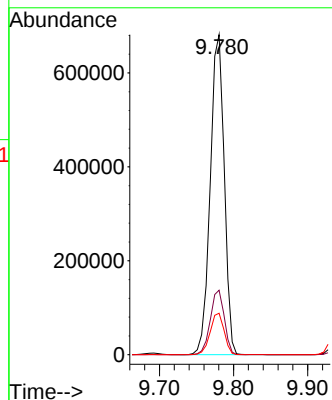
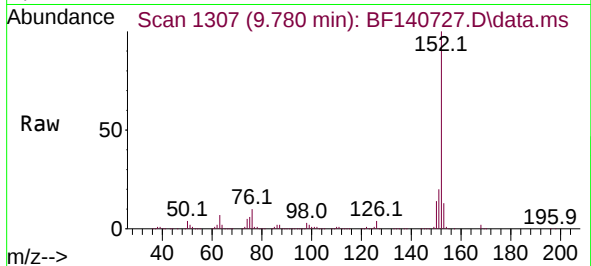




#49
Acenaphthylene
Concen: 50.051 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

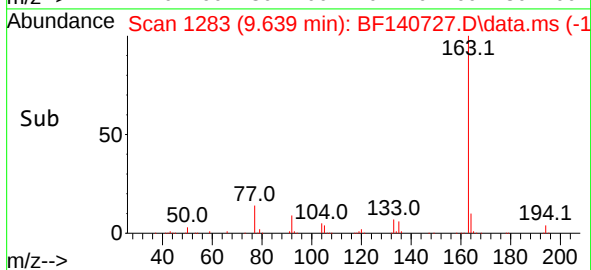
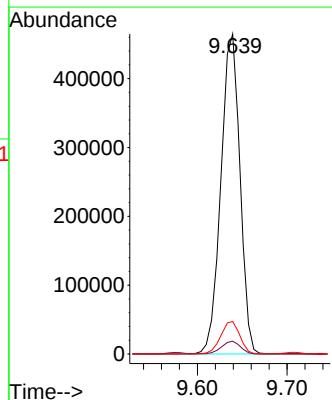
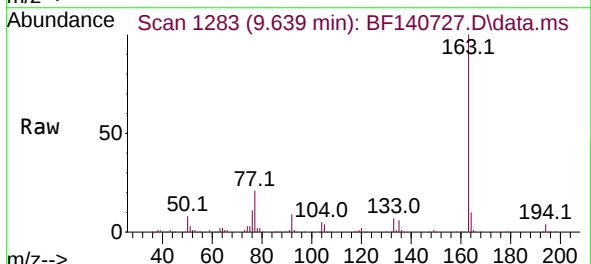
Instrument :
BNA_F
ClientSampleId :
PB165356BS

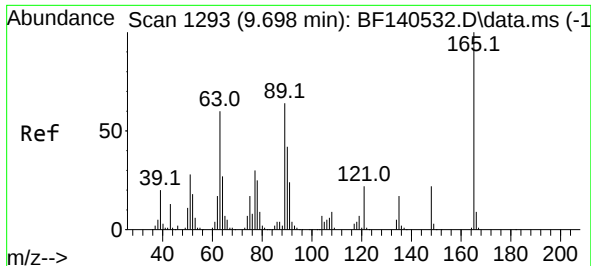
Tgt Ion:152 Resp: 894171
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.9 10.6 16.0



#50
Dimethylphthalate
Concen: 49.827 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:163 Resp: 685868
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.177 ng

RT: 9.704 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

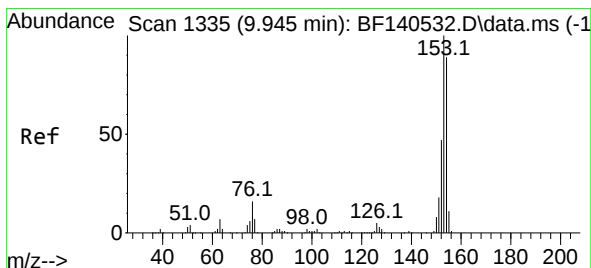
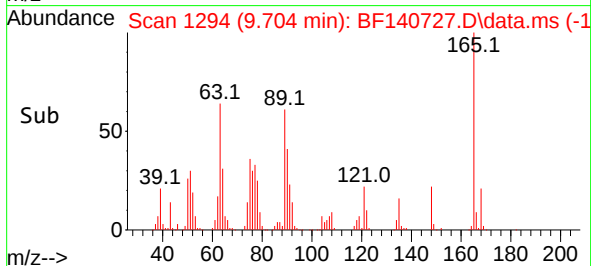
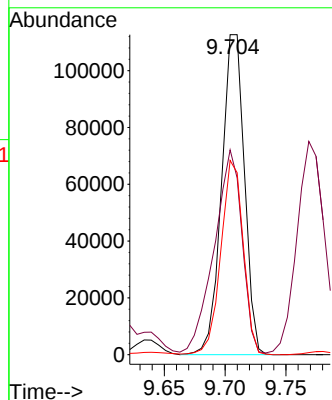
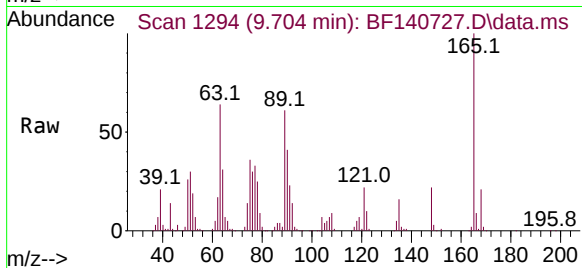
Tgt Ion:165 Resp: 147278

Ion Ratio Lower Upper

165 100

63 64.0 49.9 74.9

89 60.7 50.9 76.3



#52

Acenaphthene

Concen: 48.112 ng

RT: 9.951 min Scan# 1336

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

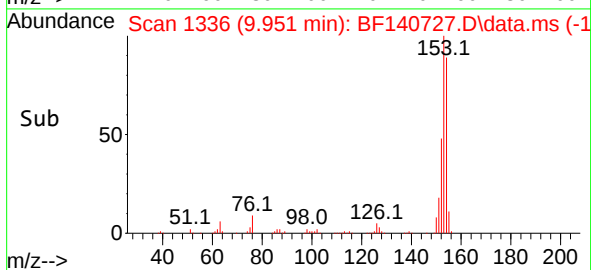
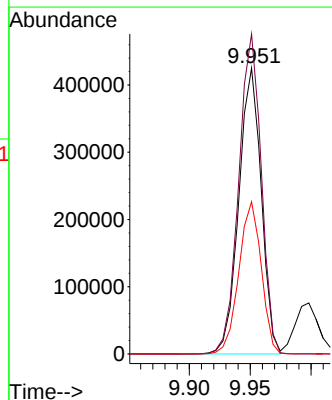
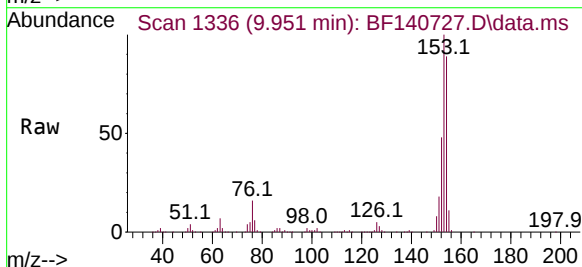
Tgt Ion:154 Resp: 546140

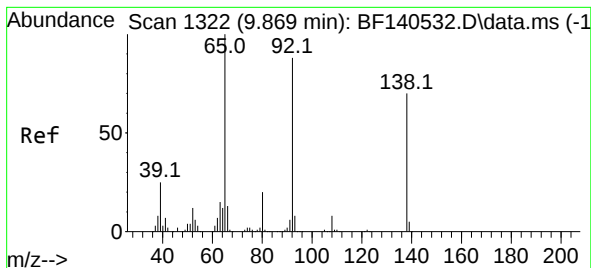
Ion Ratio Lower Upper

154 100

153 111.9 89.7 134.5

152 53.2 42.5 63.7





#53

3-Nitroaniline

Concen: 30.075 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

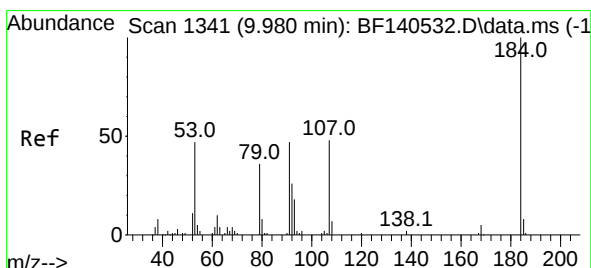
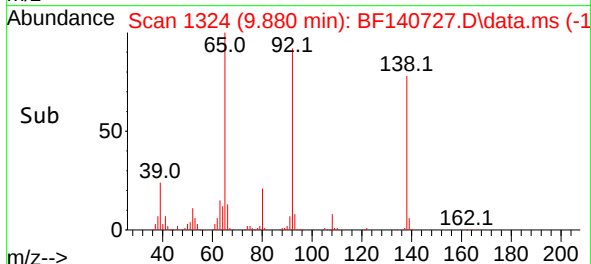
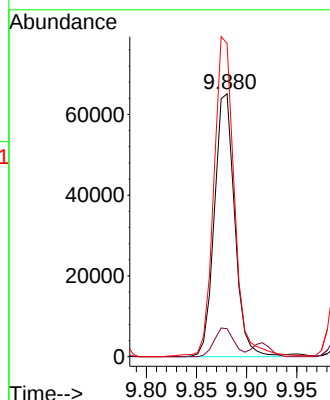
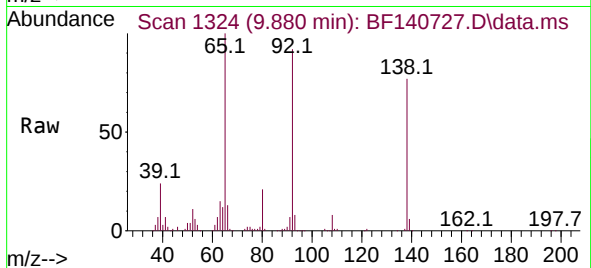
Tgt Ion:138 Resp: 91829

Ion Ratio Lower Upper

138 100

108 10.7 9.2 13.8

92 119.1 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 96.978 ng

RT: 9.998 min Scan# 1344

Delta R.T. 0.018 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

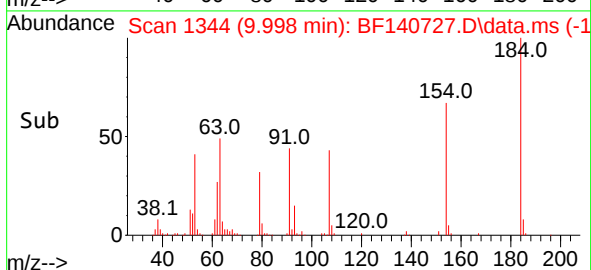
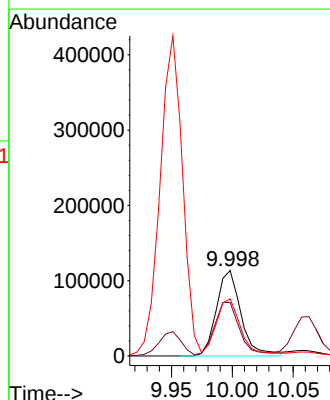
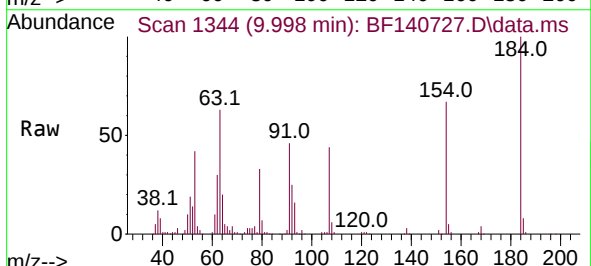
Tgt Ion:184 Resp: 159772

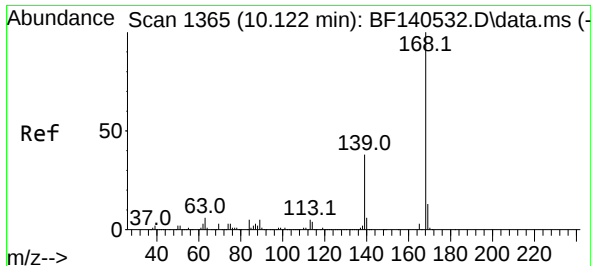
Ion Ratio Lower Upper

184 100

63 62.5 54.1 81.1

154 66.9 57.4 86.0

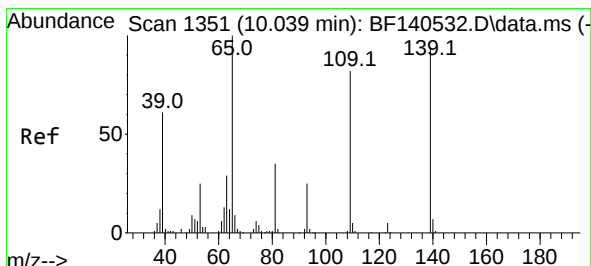
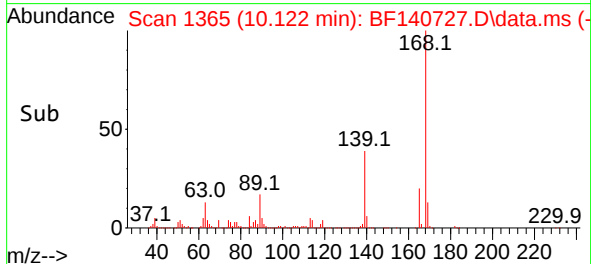
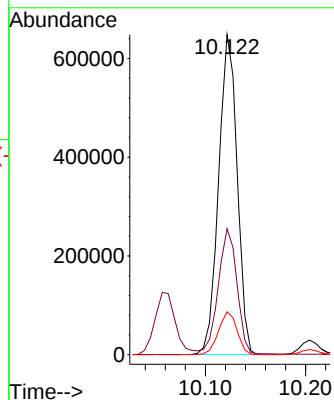
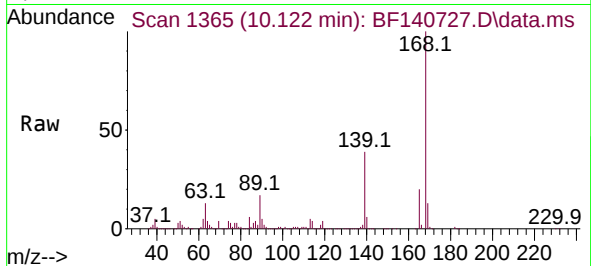




#55
Dibenzenofuran
Concen: 47.965 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

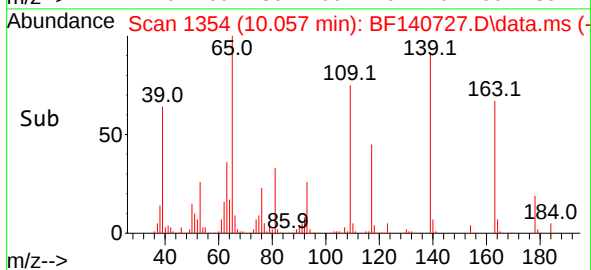
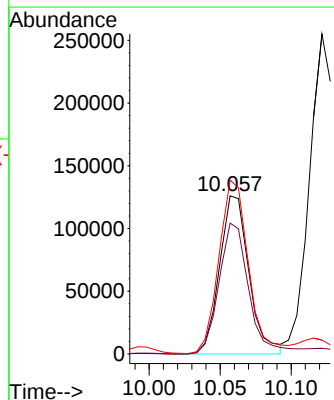
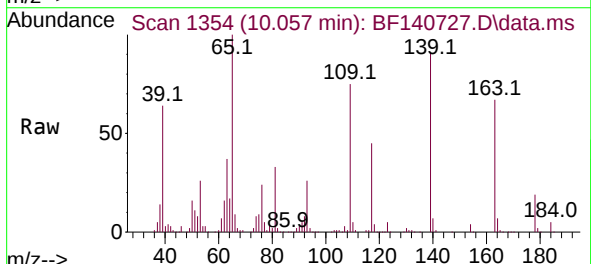
Instrument :
BNA_F
ClientSampleId :
PB165356BS

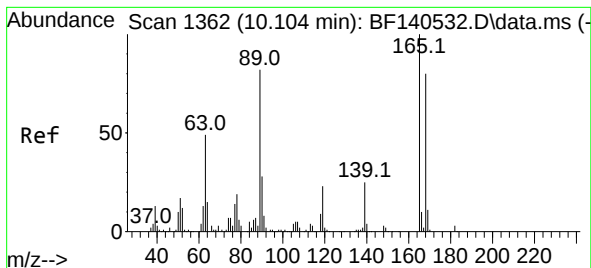
Tgt Ion:168 Resp: 830496
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 87.202 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:139 Resp: 181585
Ion Ratio Lower Upper
139 100
109 82.8 68.4 108.4
65 109.9 88.6 128.6

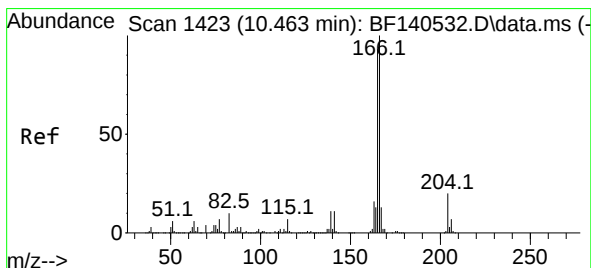
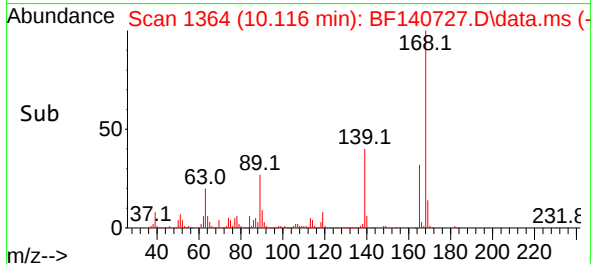
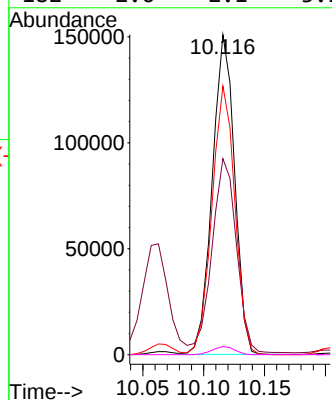
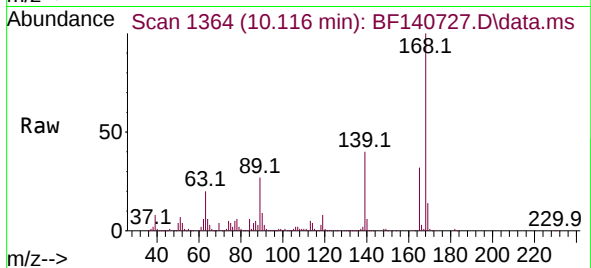




#57
2,4-Dinitrotoluene
Concen: 46.322 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

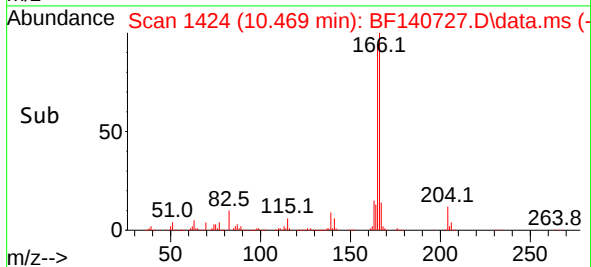
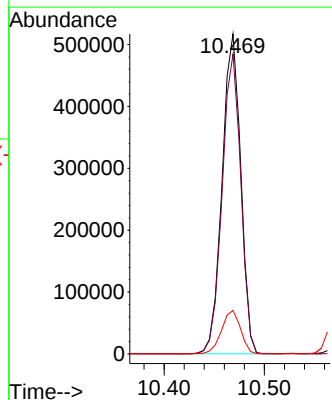
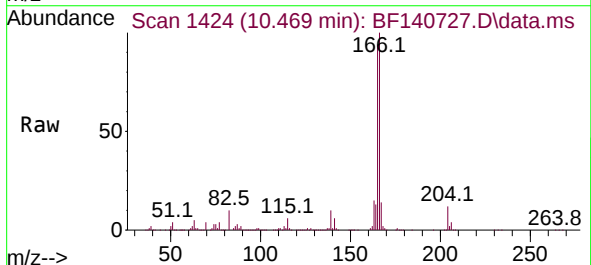
Instrument :
BNA_F
ClientSampleId :
PB165356BS

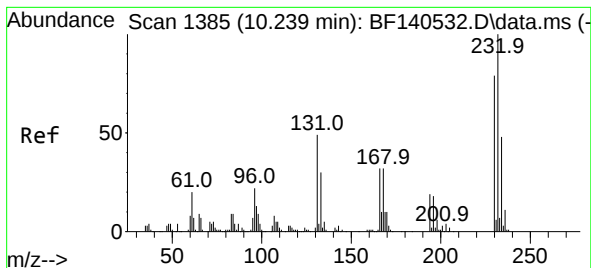
Tgt Ion:165 Resp: 192190
Ion Ratio Lower Upper
165 100
63 61.3 41.7 62.5
89 84.0 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 47.921 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

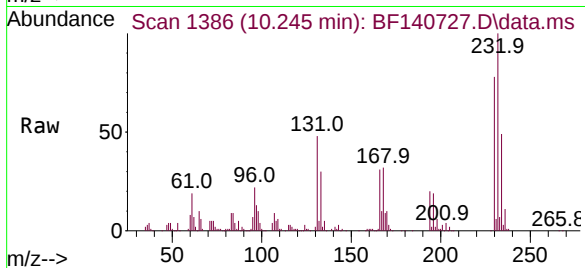
Tgt Ion:166 Resp: 666005
Ion Ratio Lower Upper
166 100
165 93.7 74.6 111.8
167 13.6 10.6 16.0



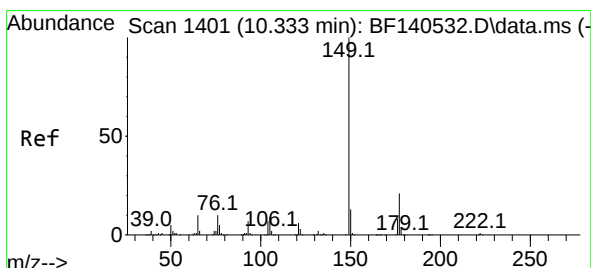
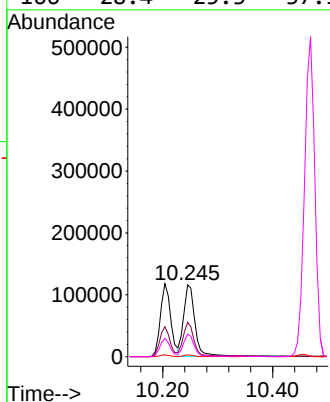
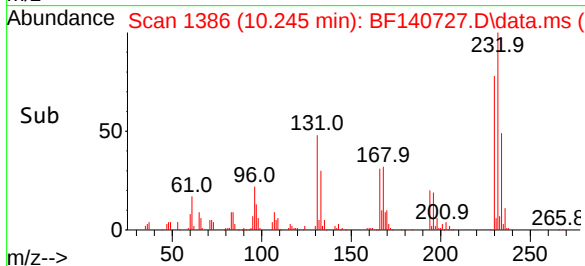


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.777 ng
RT: 10.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

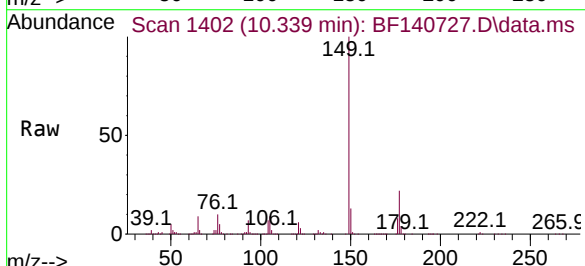
Instrument :
BNA_F
ClientSampleId :
PB165356BS



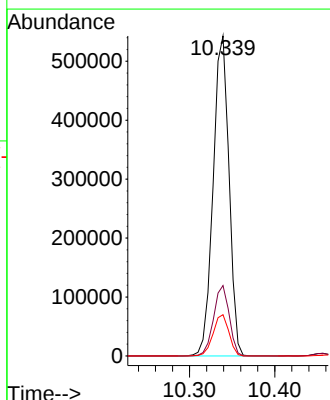
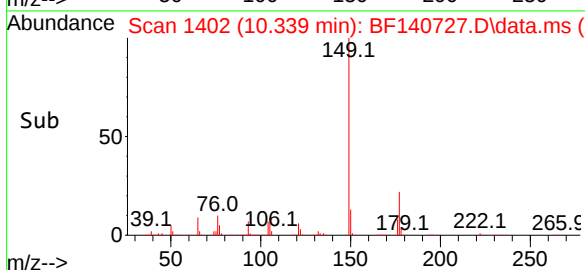
Tgt Ion:232 Resp: 165809
Ion Ratio Lower Upper
232 100
131 47.1 39.6 59.4
130 2.4 1.9 2.9
166 28.4 25.3 37.9

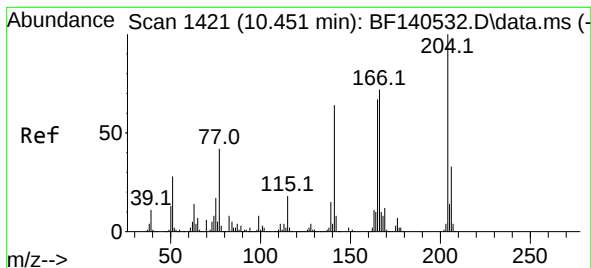


#60
Diethylphthalate
Concen: 50.123 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27



Tgt Ion:149 Resp: 700995
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.9 10.1 15.1

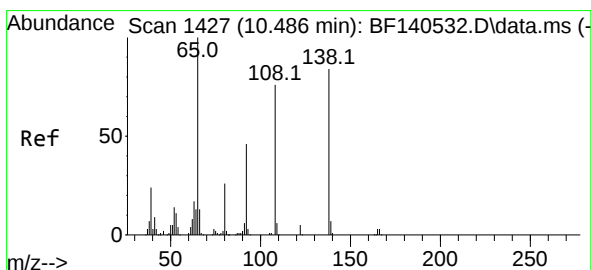
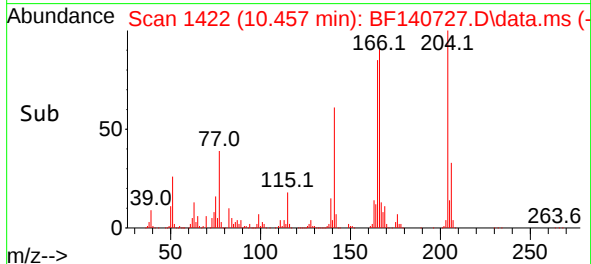
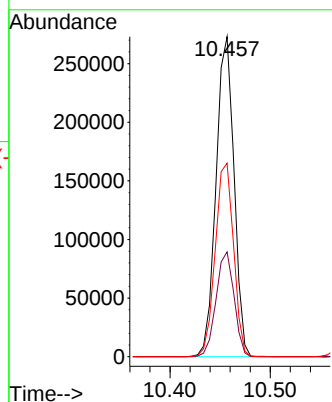
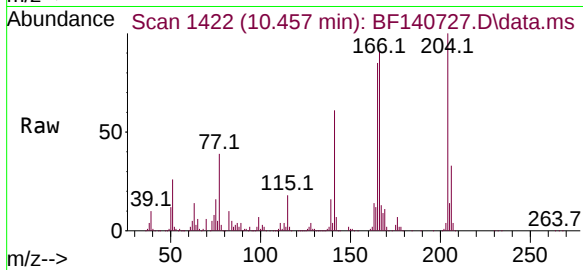




#61
4-Chlorophenyl-phenylether
Concen: 49.805 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

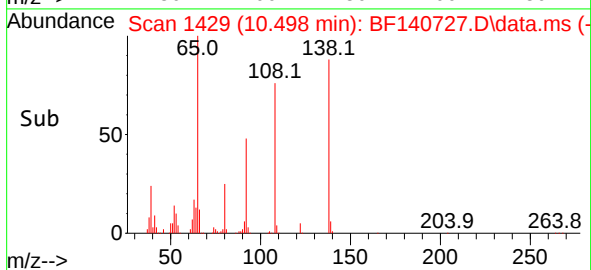
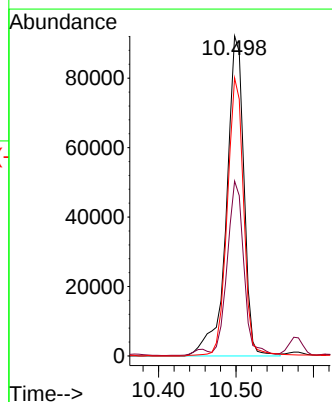
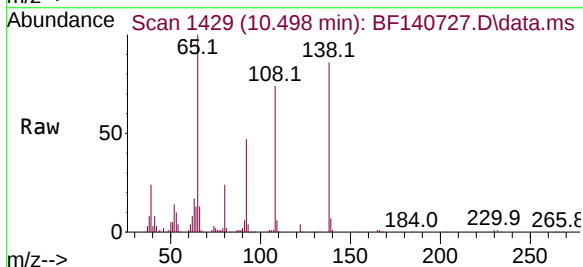
Instrument :
BNA_F
ClientSampleId :
PB165356BS

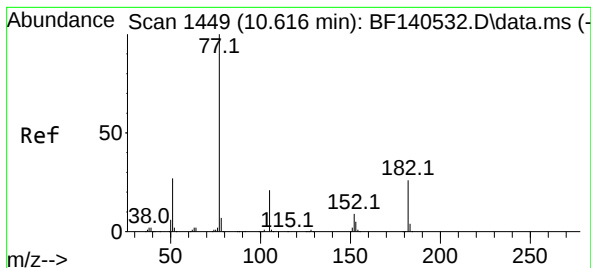
Tgt Ion:204 Resp: 339697
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 60.5 51.1 76.7



#62
4-Nitroaniline
Concen: 45.247 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:138 Resp: 144897
Ion Ratio Lower Upper
138 100
92 54.7 34.5 74.5
108 86.9 70.6 110.6





#63

Azobenzene

Concen: 49.854 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

Tgt Ion: 77 Resp: 660276

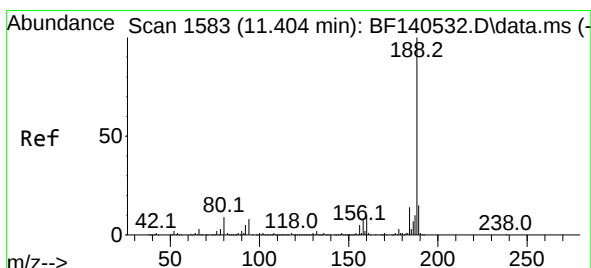
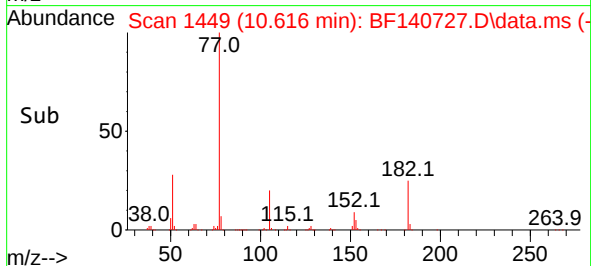
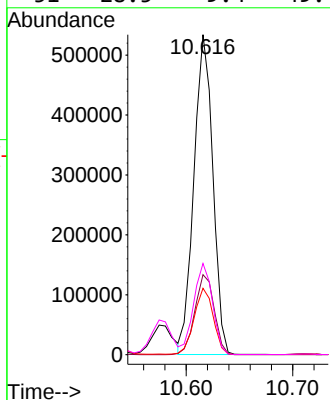
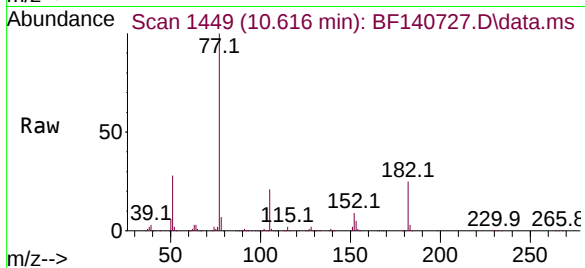
Ion Ratio Lower Upper

77 100

182 25.0 5.3 45.3

105 20.7 0.3 40.3

51 28.5 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

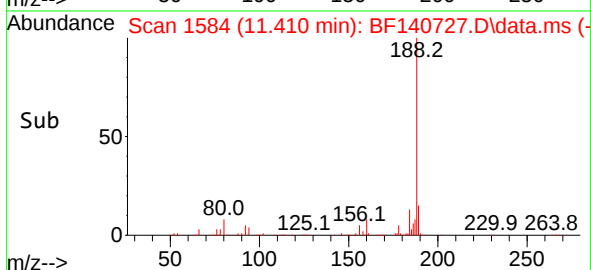
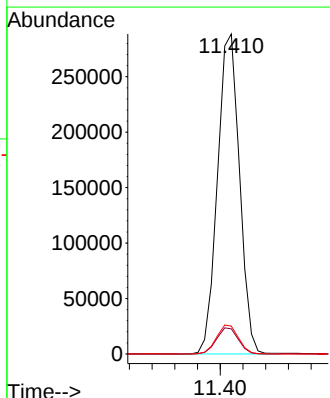
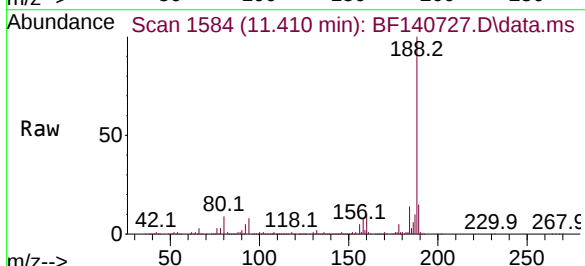
Tgt Ion: 188 Resp: 388967

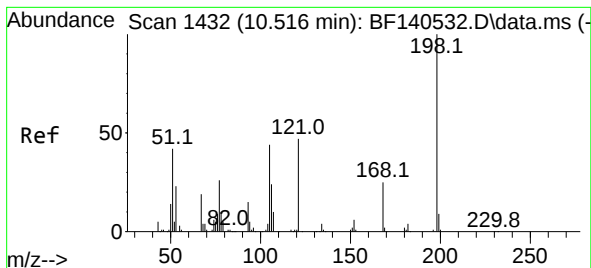
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.7 6.9 10.3

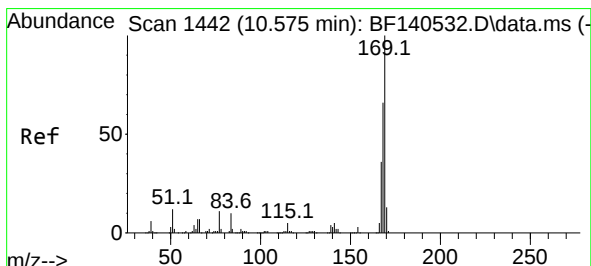
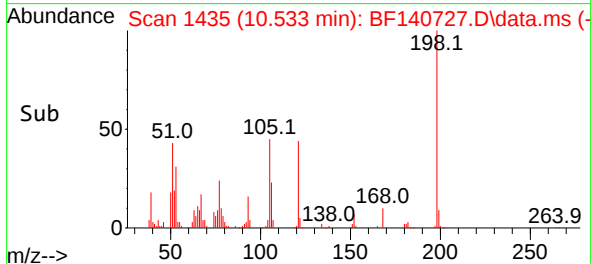
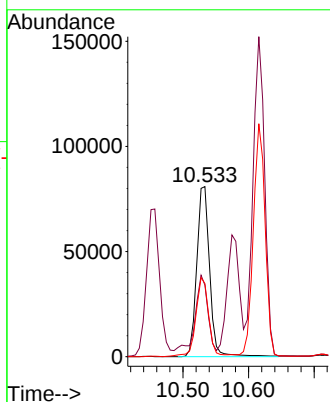
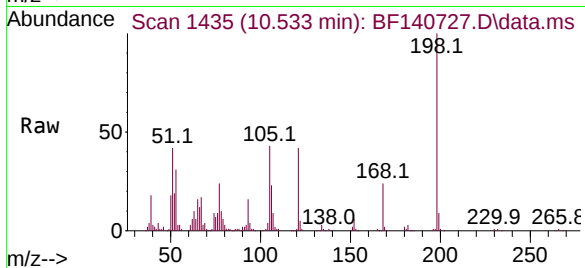




#65
4,6-Dinitro-2-methylphenol
Concen: 55.713 ng
RT: 10.533 min Scan# 1432
Delta R.T. 0.017 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

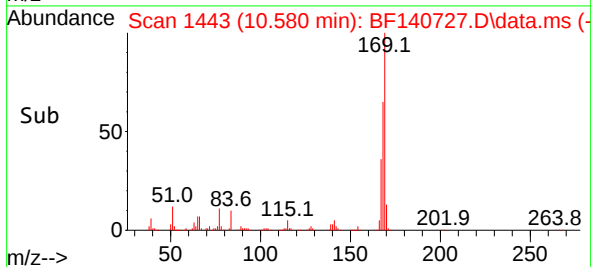
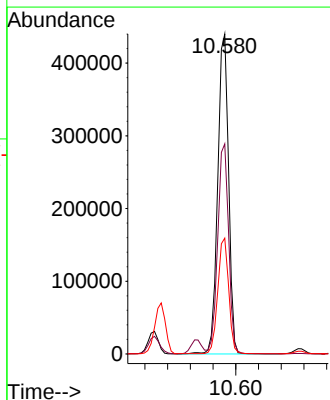
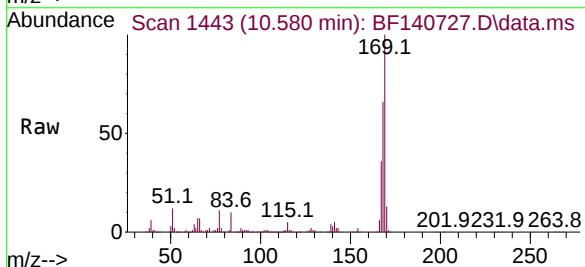
Instrument :
BNA_F
ClientSampleId :
PB165356BS

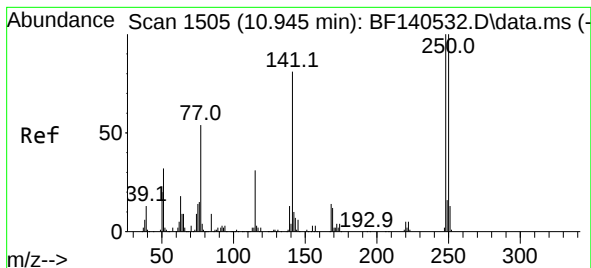
Tgt Ion:198 Resp: 110738
Ion Ratio Lower Upper
198 100
51 42.1 29.4 69.4
105 43.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 50.683 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:169 Resp: 582992
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.2 29.0 43.6

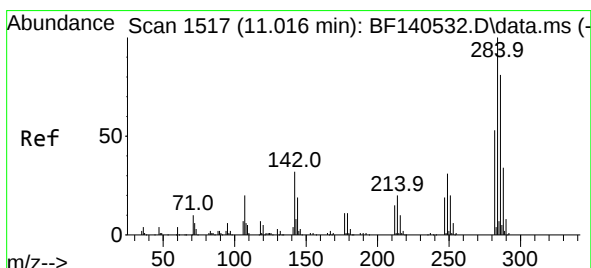
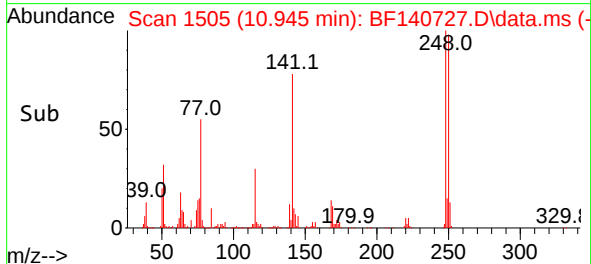
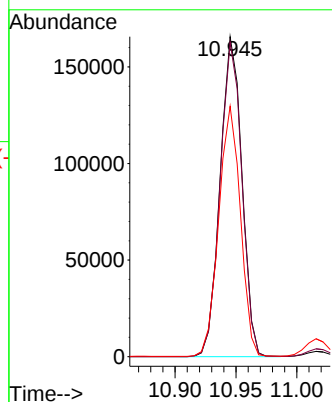
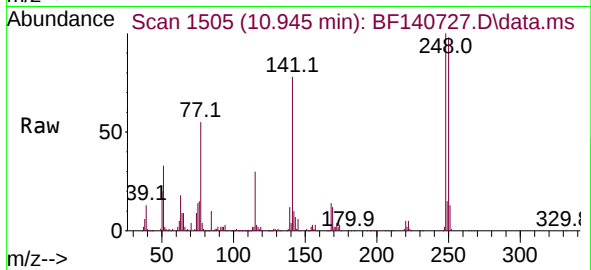




#67
4-Bromophenyl-phenylether
Concen: 51.579 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

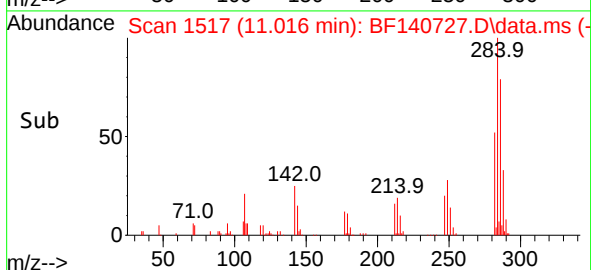
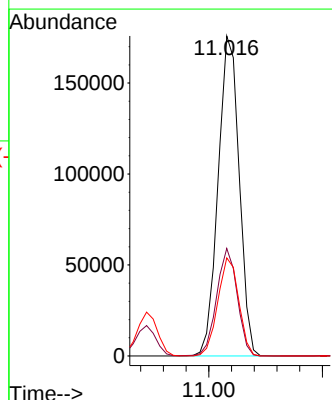
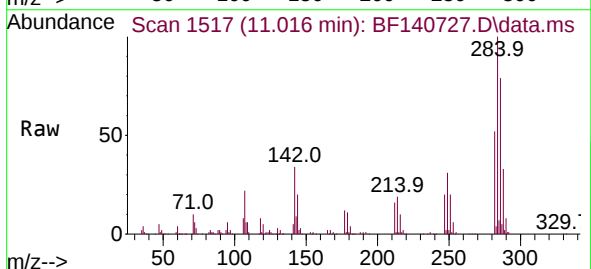
Instrument :
BNA_F
ClientSampleId :
PB165356BS

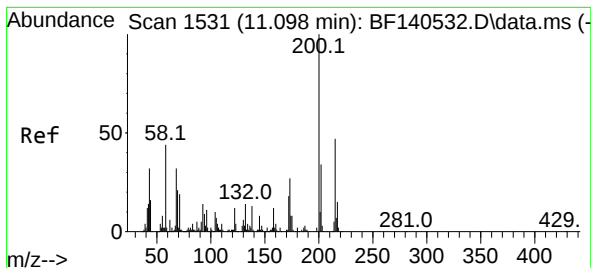
Tgt Ion:248 Resp: 206614
Ion Ratio Lower Upper
248 100
250 98.2 79.8 119.8
141 78.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 48.883 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.000 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:284 Resp: 226732
Ion Ratio Lower Upper
284 100
142 33.6 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 58.893 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

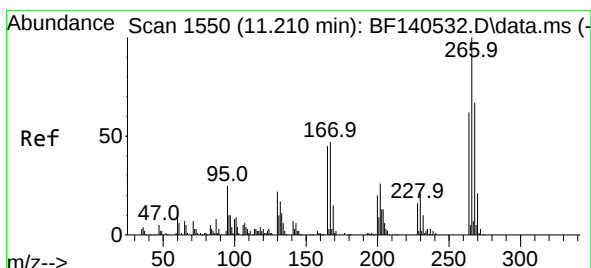
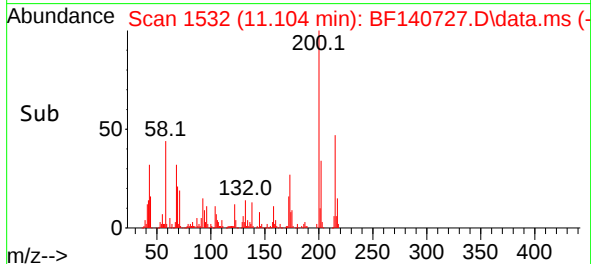
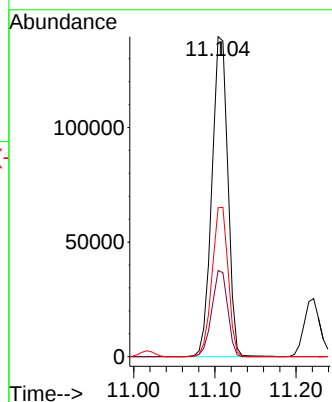
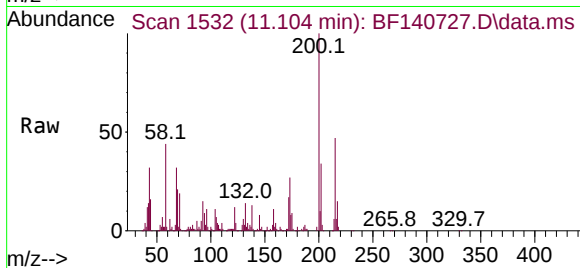
Tgt Ion:200 Resp: 190574

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

215 46.6 26.7 66.7



#70

Pentachlorophenol

Concen: 98.208 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.012 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

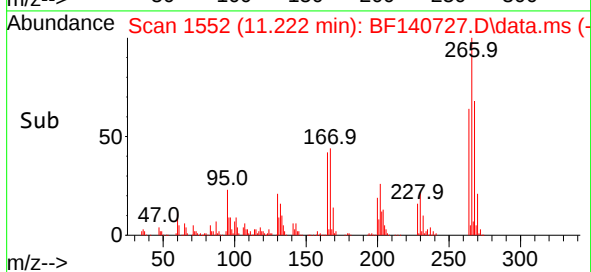
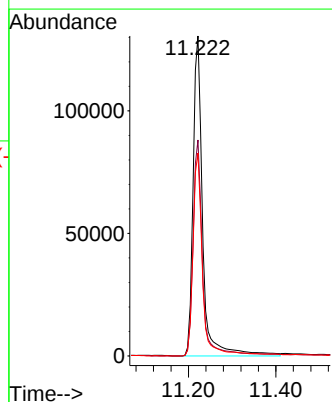
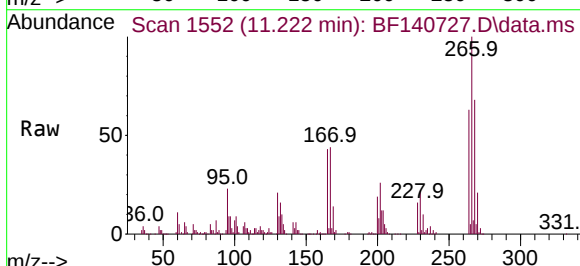
Tgt Ion:266 Resp: 200483

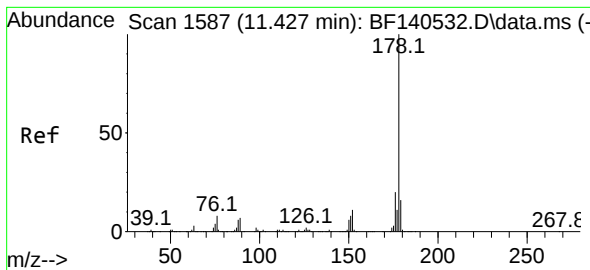
Ion Ratio Lower Upper

266 100

268 67.5 53.7 80.5

264 63.4 49.8 74.8





#71

Phenanthrene

Concen: 49.720 ng

RT: 11.433 min Scan# 1588

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

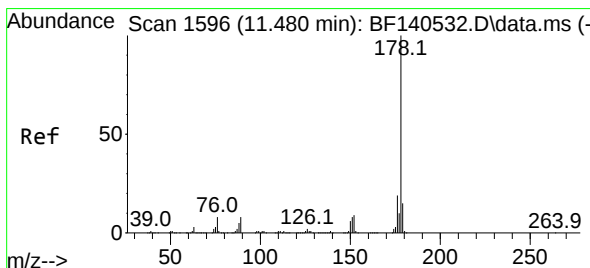
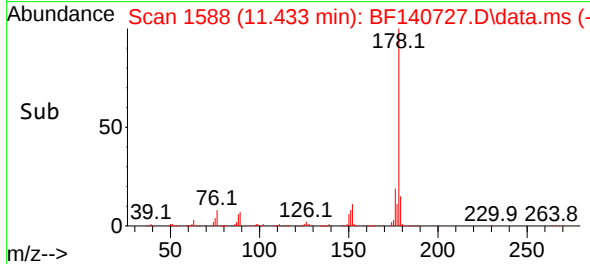
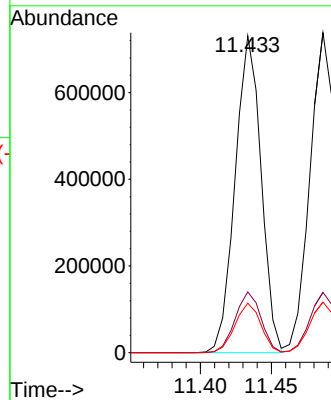
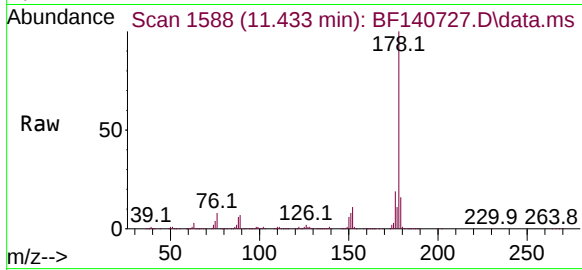
Tgt Ion:178 Resp: 929636

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 51.633 ng

RT: 11.486 min Scan# 1597

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

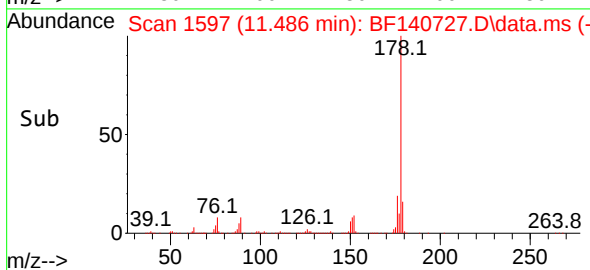
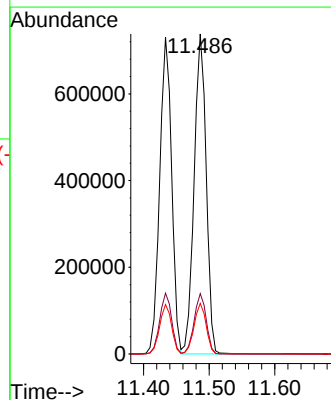
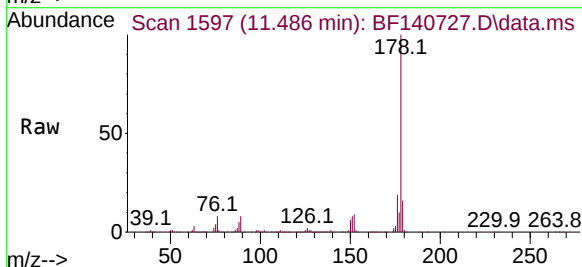
Tgt Ion:178 Resp: 944332

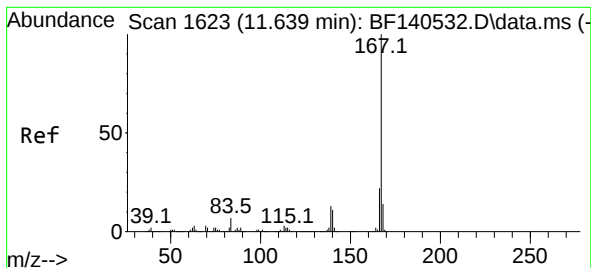
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.8 12.2 18.4





#73

Carbazole

Concen: 47.549 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

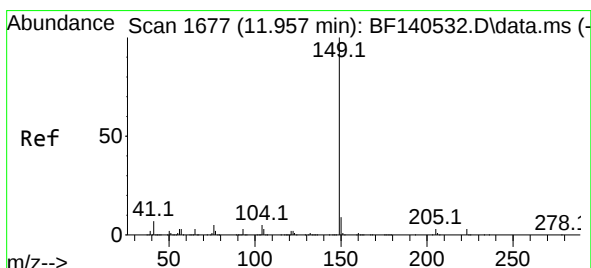
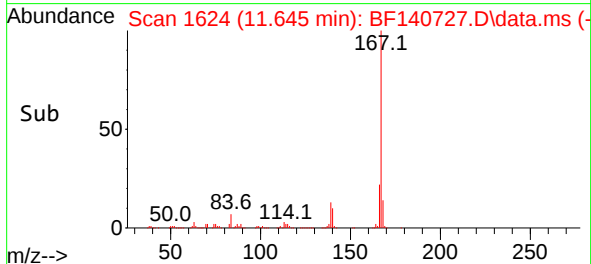
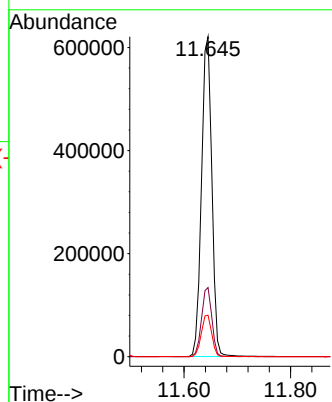
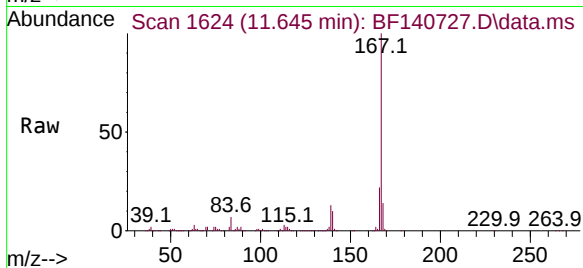
Tgt Ion:167 Resp: 836612

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 53.160 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

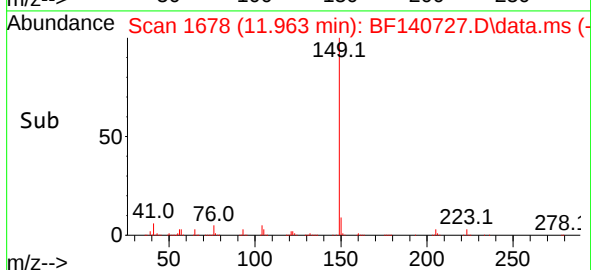
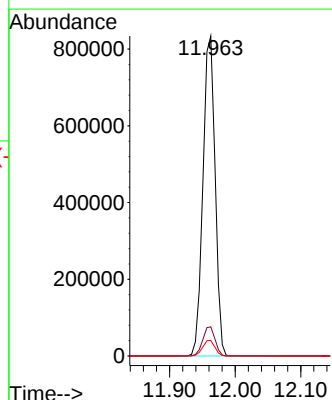
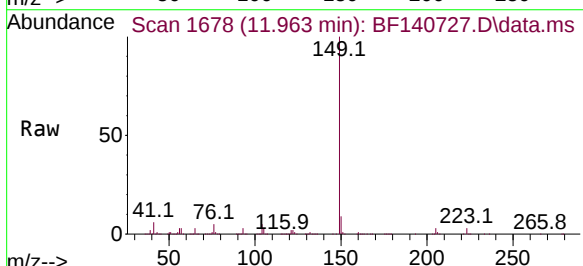
Tgt Ion:149 Resp: 1079841

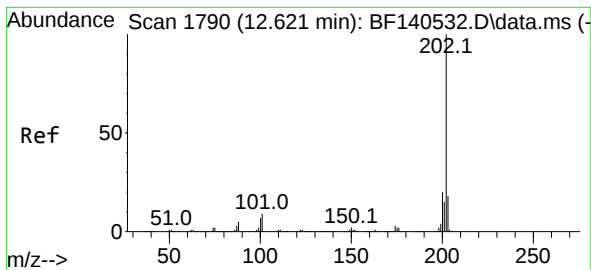
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 48.560 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

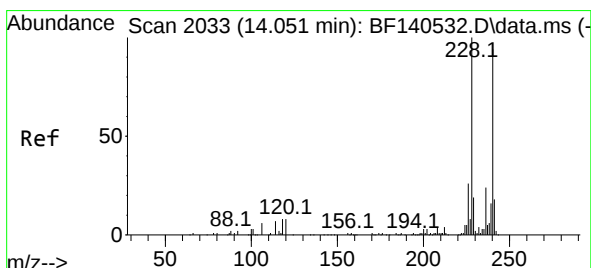
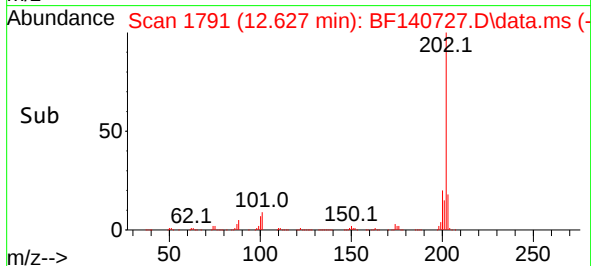
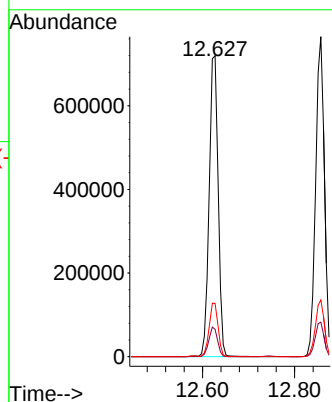
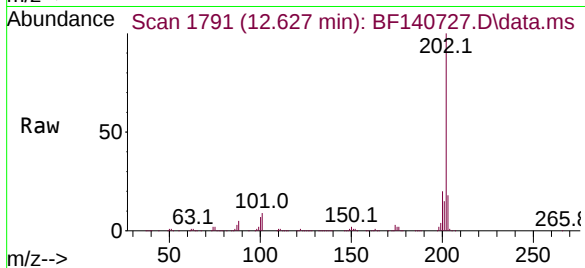
Tgt Ion:202 Resp: 985791

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

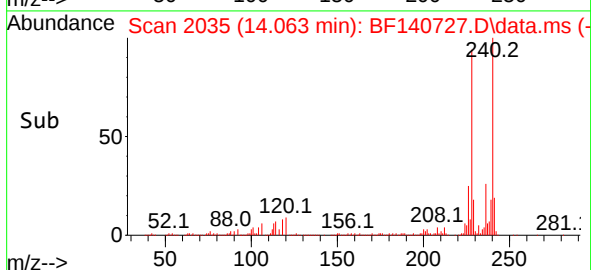
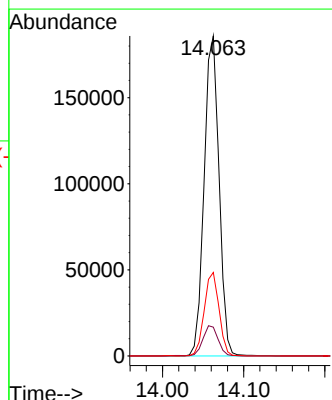
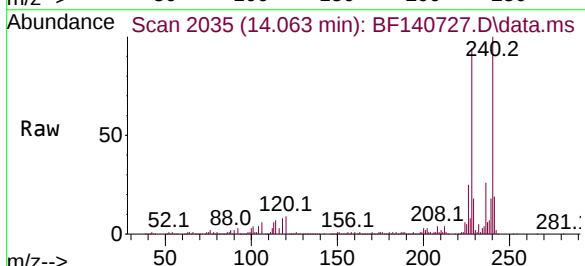
Tgt Ion:240 Resp: 236570

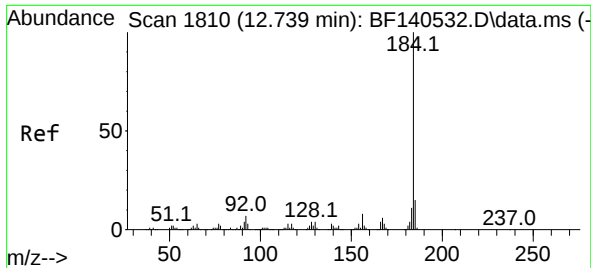
Ion Ratio Lower Upper

240 100

120 9.0 7.3 10.9

236 26.1 20.6 31.0

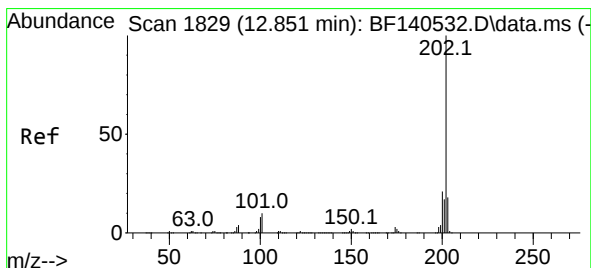
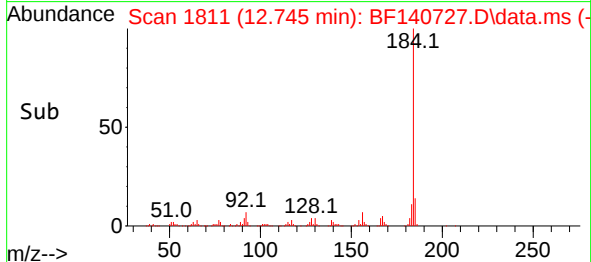
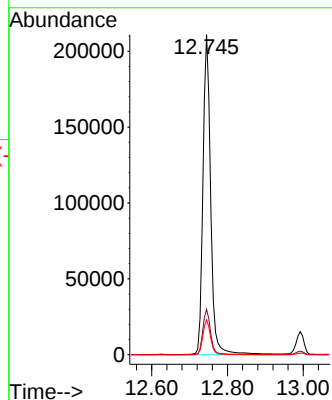
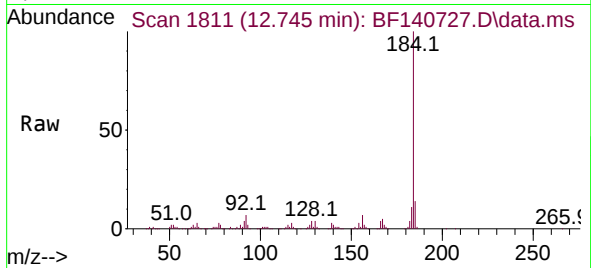




#77
Benzidine
Concen: 43.508 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

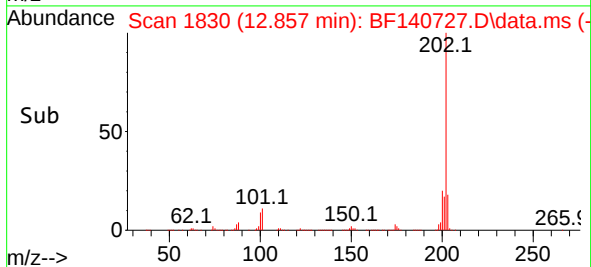
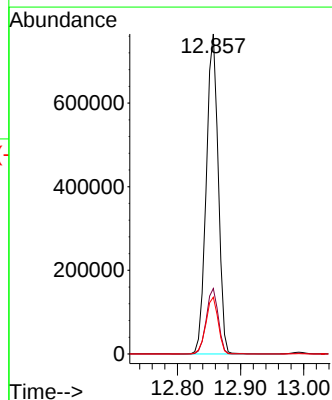
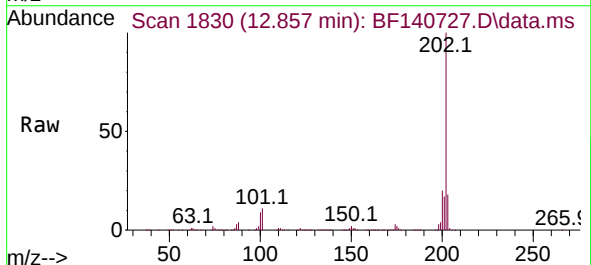
Instrument :
BNA_F
ClientSampleId :
PB165356BS

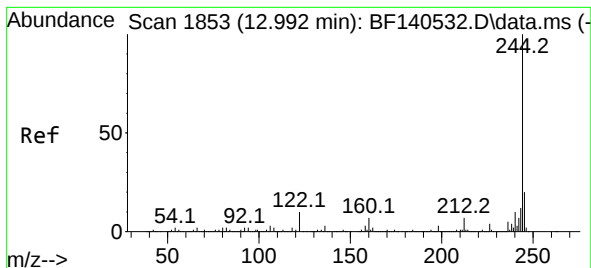
Tgt Ion:184 Resp: 299256
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.8 8.8 13.2



#78
Pyrene
Concen: 45.844 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.006 min
Lab File: BF140727.D
Acq: 04 Dec 2024 14:27

Tgt Ion:202 Resp: 1002775
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 99.939 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

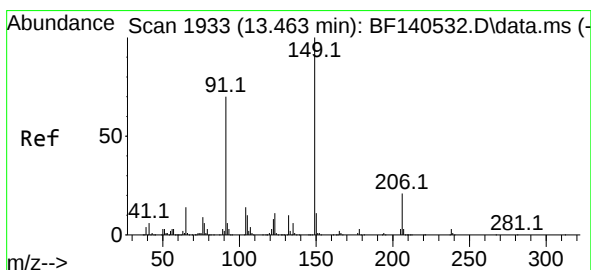
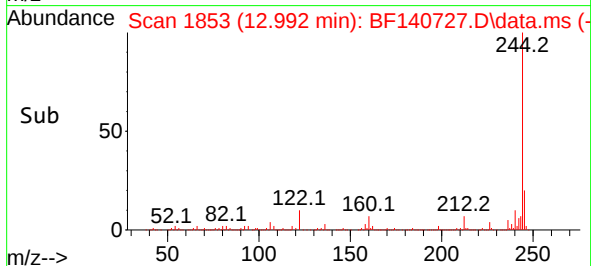
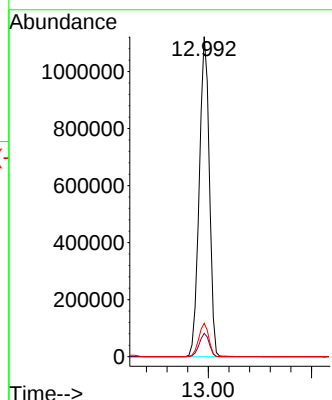
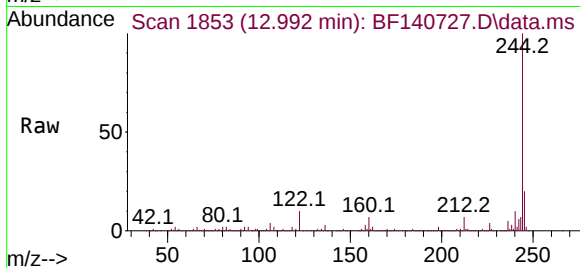
Tgt Ion:244 Resp: 1518337

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 8.0 12.0



#80

Butylbenzylphthalate

Concen: 53.018 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

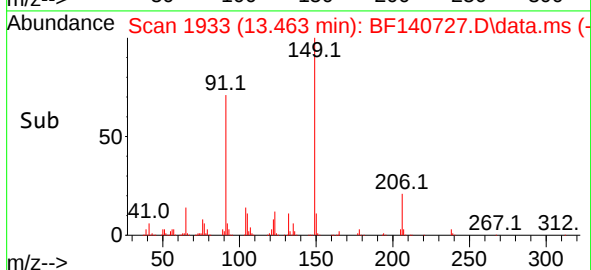
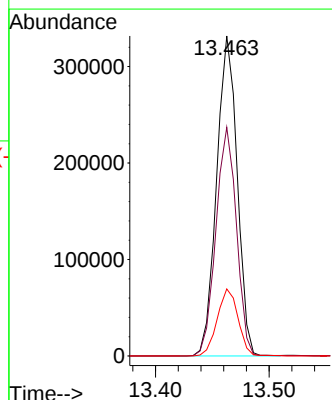
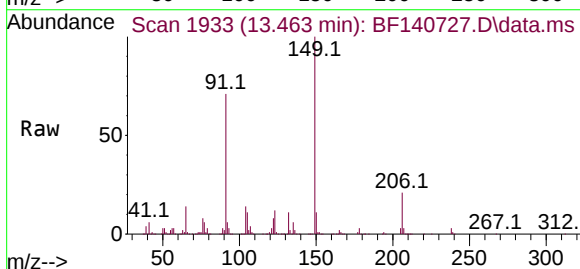
Tgt Ion:149 Resp: 417771

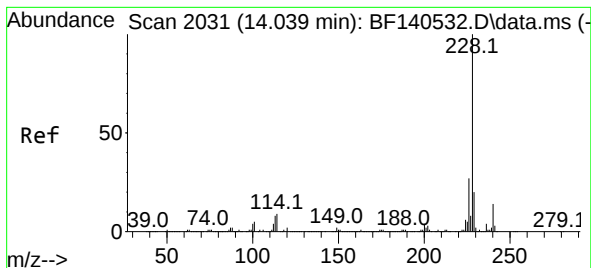
Ion Ratio Lower Upper

149 100

91 71.4 56.2 84.2

206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.267 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

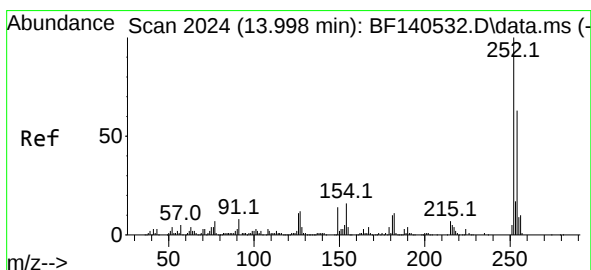
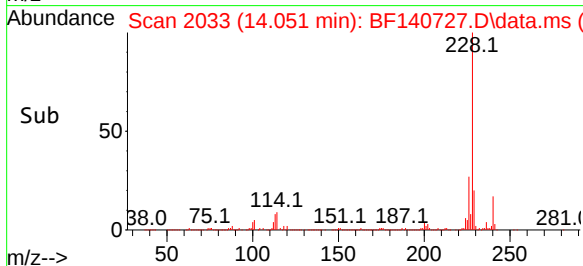
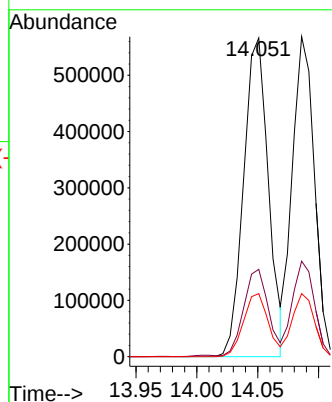
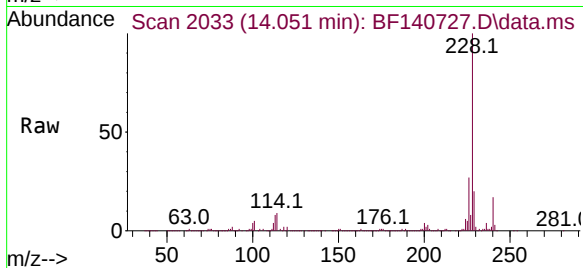
Tgt Ion:228 Resp: 802839

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 37.645 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

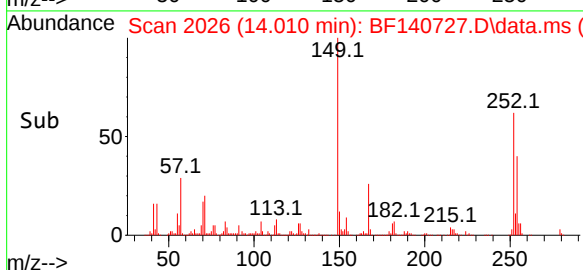
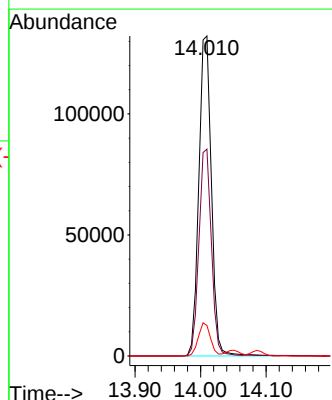
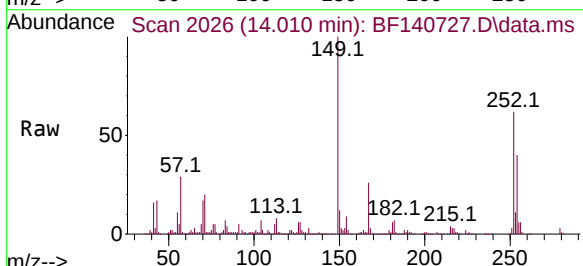
Tgt Ion:252 Resp: 176998

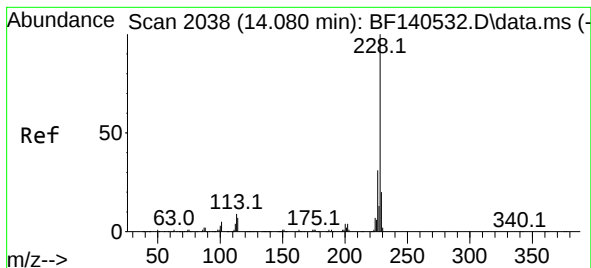
Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 9.6 8.6 13.0





#83

Chrysene

Concen: 50.224 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

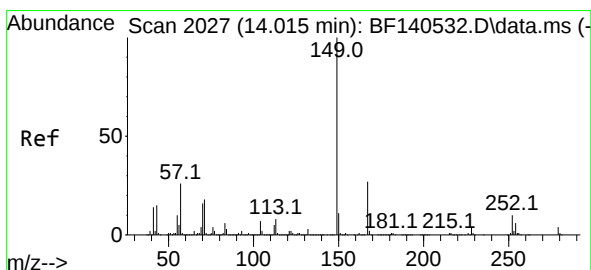
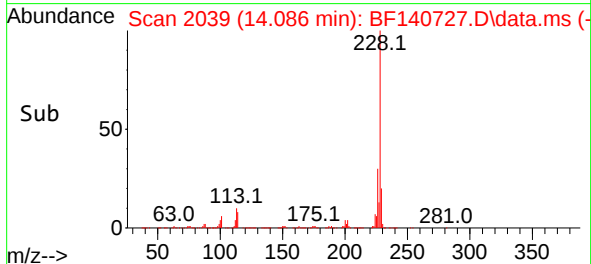
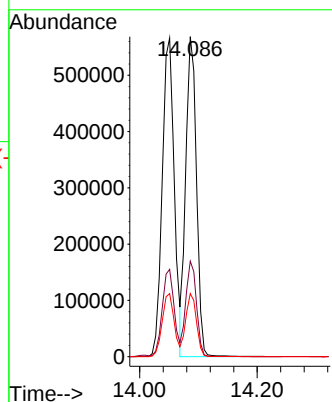
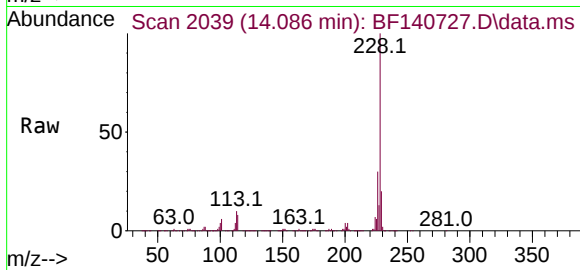
Tgt Ion:228 Resp: 719172

Ion Ratio Lower Upper

228 100

226 29.8 24.4 36.6

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.488 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

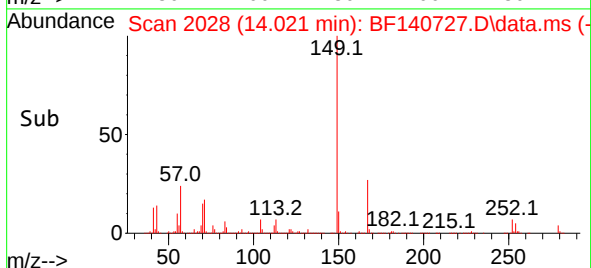
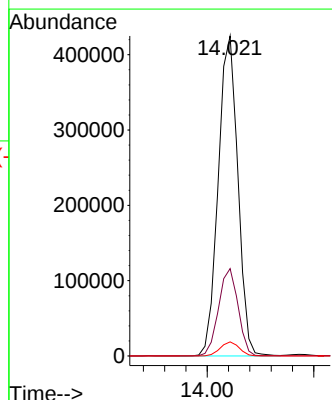
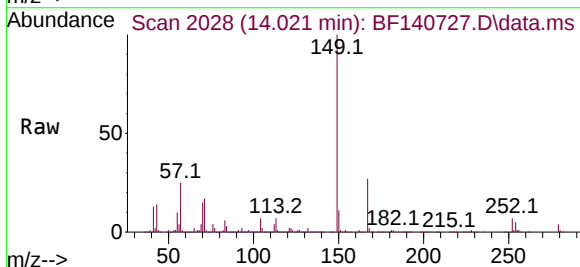
Tgt Ion:149 Resp: 542156

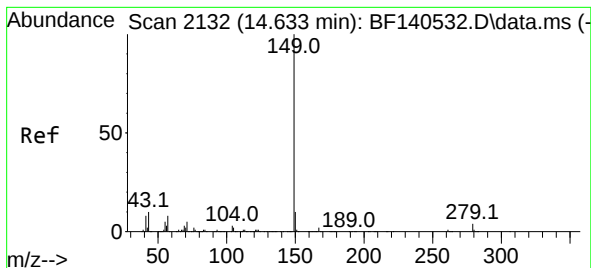
Ion Ratio Lower Upper

149 100

167 27.3 21.2 31.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 54.182 ng

RT: 14.645 min Scan# 2134

Delta R.T. 0.012 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

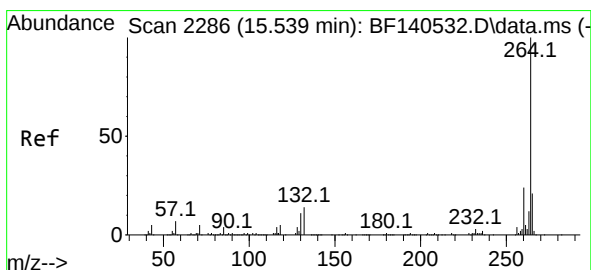
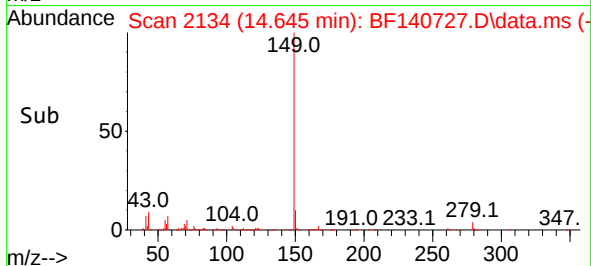
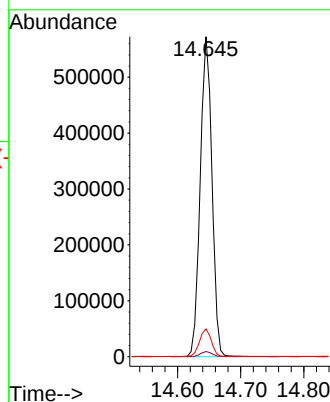
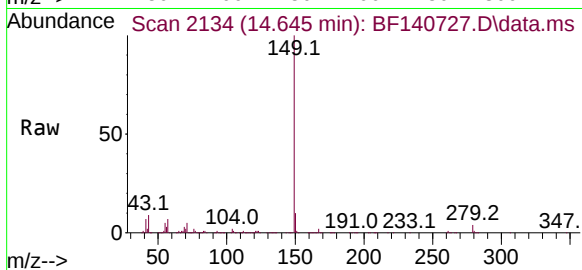
Tgt Ion:149 Resp: 736757

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: BF140727.D

Acq: 04 Dec 2024 14:27

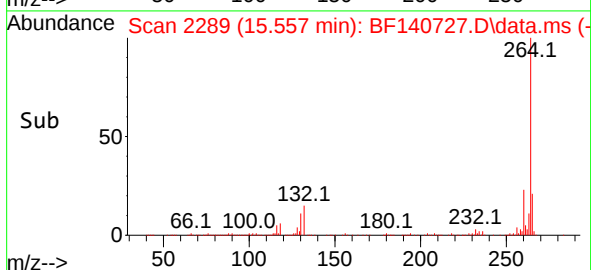
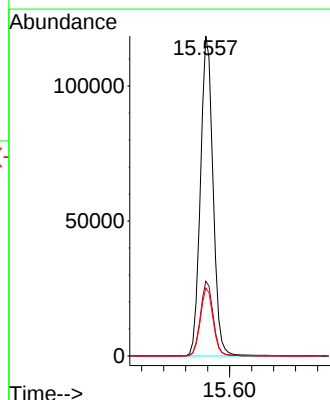
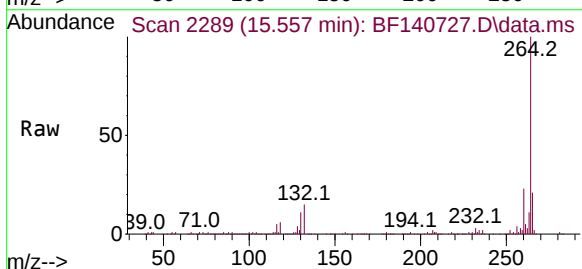
Tgt Ion:264 Resp: 188640

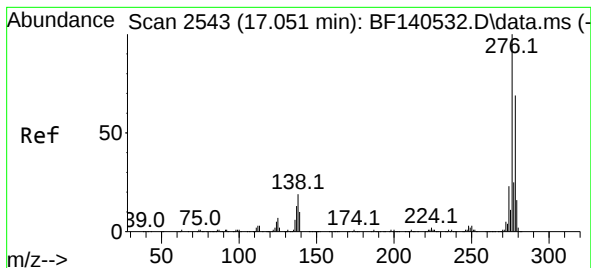
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.3 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.808 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

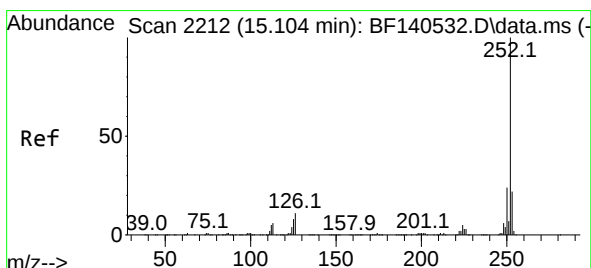
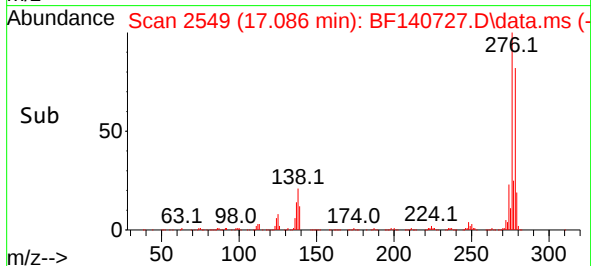
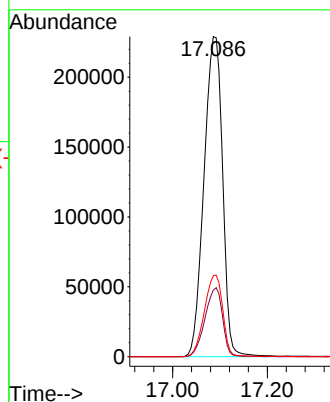
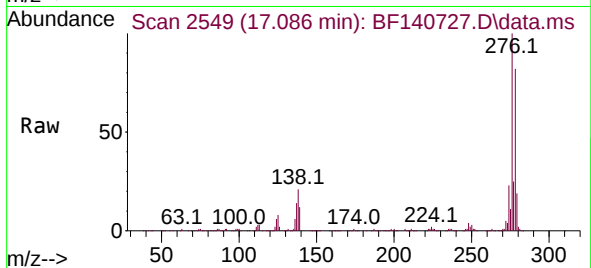
Tgt Ion:276 Resp: 624611

Ion Ratio Lower Upper

276 100

138 20.4 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 54.659 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

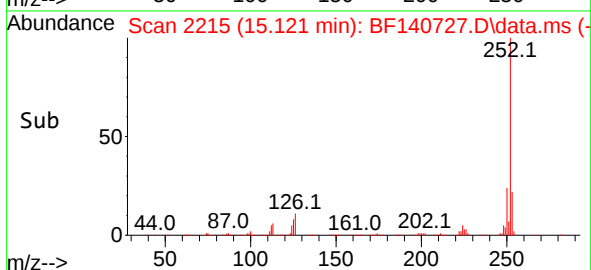
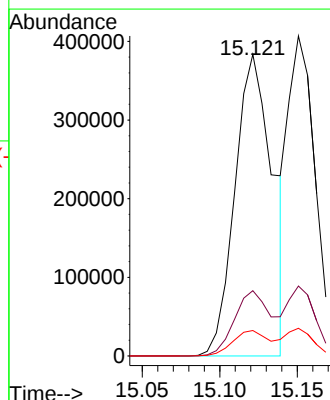
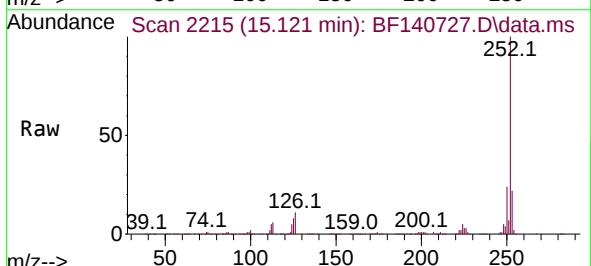
Tgt Ion:252 Resp: 647642

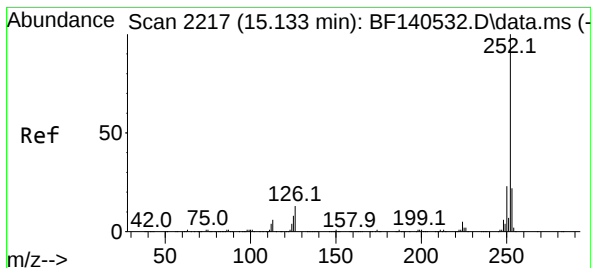
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 47.943 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

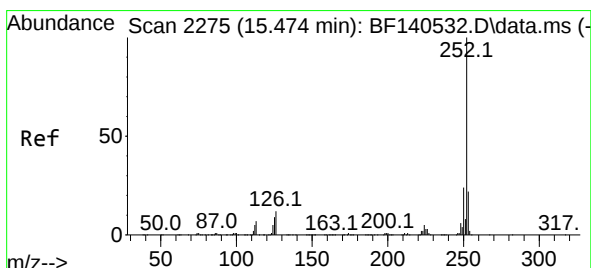
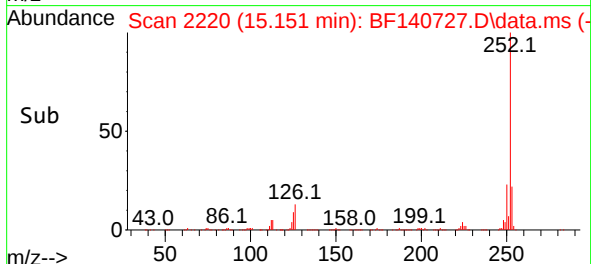
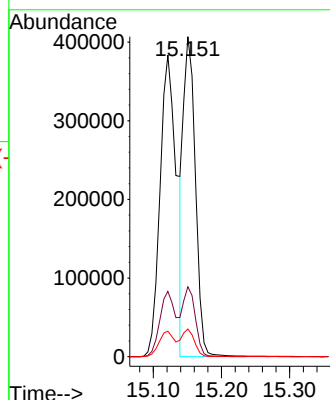
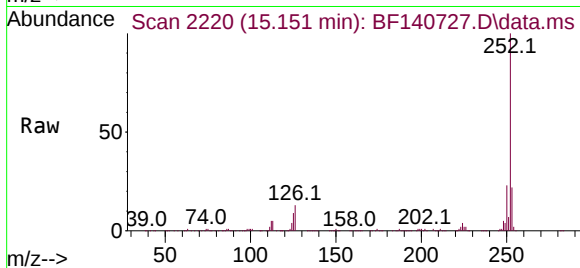
Tgt Ion:252 Resp: 497101

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.6 6.5 9.7



#90

Benzo(a)pyrene

Concen: 53.766 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.024 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

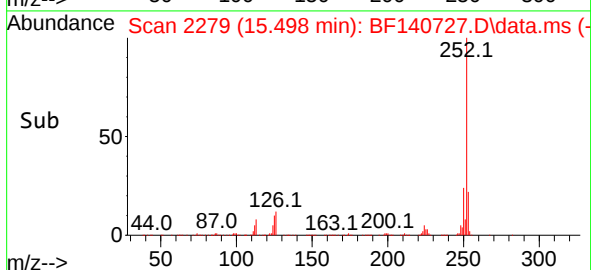
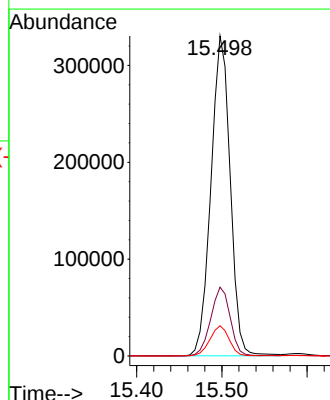
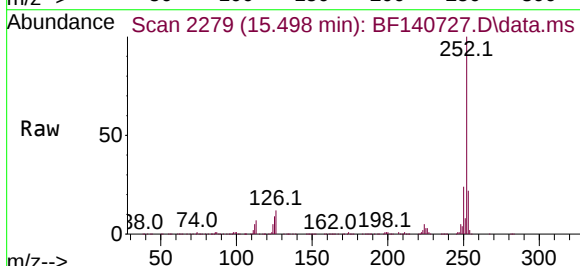
Tgt Ion:252 Resp: 517977

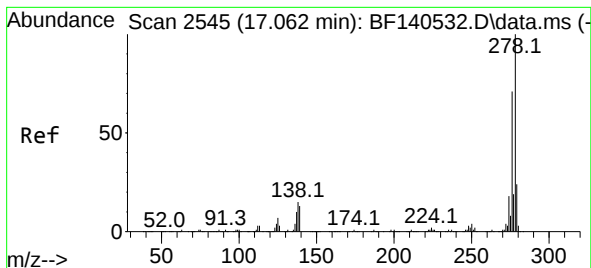
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

125 9.4 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 51.449 ng

RT: 17.098 min Scan# 2551

Delta R.T. 0.035 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Instrument :

BNA_F

ClientSampleId :

PB165356BS

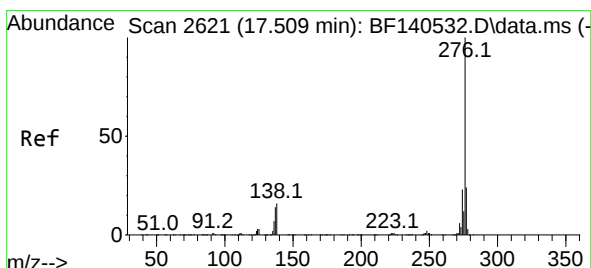
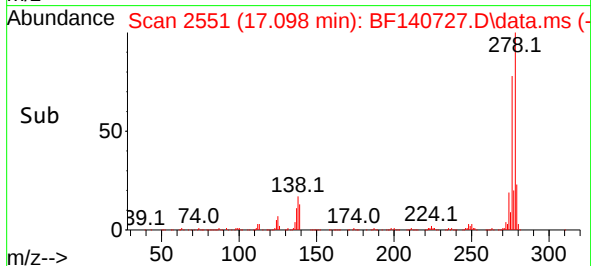
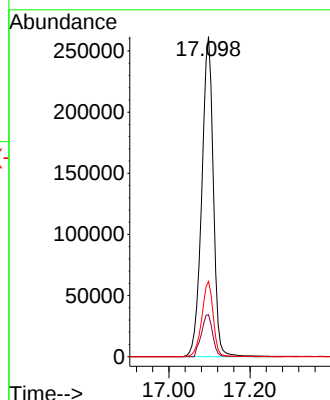
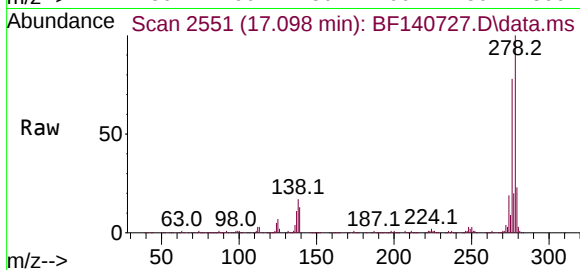
Tgt Ion:278 Resp: 517980

Ion Ratio Lower Upper

278 100

139 13.1 10.2 15.4

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 45.916 ng

RT: 17.545 min Scan# 2627

Delta R.T. 0.035 min

Lab File: BF140727.D

Acq: 04 Dec 2024 14:27

Tgt Ion:276 Resp: 471729

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 17.5 13.2 19.8

