

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140447.D
 Acq On : 18 Nov 2024 11:58
 Operator : RC/JU
 Sample : PB164846BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164846BSD

Quant Time: Nov 18 12:34:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	145420	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	559684	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	308958	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	581243	20.000	ng	0.00
76) Chrysene-d12	14.051	240	325114	20.000	ng	0.00
86) Perylene-d12	15.545	264	284093	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1076180	126.355	ng	0.02
7) Phenol-d6	6.516	99	1400041	121.328	ng	0.01
23) Nitrobenzene-d5	7.439	82	923338	85.956	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	404298	131.593	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1682238	87.529	ng	0.00
79) Terphenyl-d14	12.986	244	1867800	99.722	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	145798	38.408	ng	99
3) Pyridine	3.493	79	385293	41.286	ng	99
4) n-Nitrosodimethylamine	3.446	42	205712	43.614	ng	100
6) Aniline	6.540	93	391801	39.031	ng	# 45
8) 2-Chlorophenol	6.663	128	429419	46.936	ng	98
9) Benzaldehyde	6.428	77	49583	7.169	ng	97
10) Phenol	6.534	94	526833	43.293	ng	# 75
11) bis(2-Chloroethyl)ether	6.610	93	421887	45.755	ng	99
12) 1,3-Dichlorobenzene	6.816	146	444156	44.000	ng	99
13) 1,4-Dichlorobenzene	6.892	146	447701	43.740	ng	99
14) 1,2-Dichlorobenzene	7.045	146	429290	45.178	ng	99
15) Benzyl Alcohol	7.022	79	390233	46.938	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	565533	44.404	ng	68
17) 2-Methylphenol	7.134	107	342267	45.476	ng	93
18) Hexachloroethane	7.387	117	169487	44.791	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	309024	44.341	ng	100
20) 3+4-Methylphenols	7.287	107	423581	45.003	ng	94
22) Acetophenone	7.281	105	571412	43.897	ng	99
24) Nitrobenzene	7.457	77	480035	42.921	ng	99
25) Isophorone	7.692	82	853441	44.828	ng	100
26) 2-Nitrophenol	7.775	139	232910	46.929	ng	98
27) 2,4-Dimethylphenol	7.810	122	348177	54.796	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	525211	44.991	ng	100
29) 2,4-Dichlorophenol	8.016	162	357639	45.543	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	379026	43.353	ng	99
31) Naphthalene	8.175	128	1246423	43.901	ng	100
32) Benzoic acid	7.939	122	244574	43.744	ng	97
33) 4-Chloroaniline	8.228	127	219835	22.264	ng	99
34) Hexachlorobutadiene	8.292	225	243160	43.652	ng	99
35) Caprolactam	8.598	113	76265	29.220	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	389864	44.800	ng	98
37) 2-Methylnaphthalene	8.869	142	816319	44.840	ng	99
38) 1-Methylnaphthalene	8.969	142	761299	42.704	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	387962	45.409	ng	99
41) Hexachlorocyclopentadiene	9.022	237	398486	181.657	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	257007	45.838	ng	99

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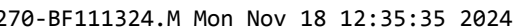
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 PB164846BSD

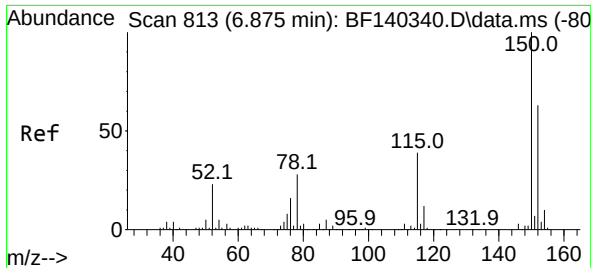
Quant Time: Nov 18 12:34:29 2024
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 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	271362	44.267	ng	98
46) 1,1'-Biphenyl	9.333	154	1010408	44.954	ng	99
47) 2-Chloronaphthalene	9.357	162	754929	44.092	ng	99
48) 2-Nitroaniline	9.457	65	256925	45.247	ng	99
49) Acenaphthylene	9.775	152	1249493	48.233	ng	100
50) Dimethylphthalate	9.633	163	927208	46.042	ng	99
51) 2,6-Dinitrotoluene	9.698	165	198478	43.232	ng	100
52) Acenaphthene	9.945	154	753229	43.049	ng	100
53) 3-Nitroaniline	9.869	138	137100	28.436	ng	99
54) 2,4-Dinitrophenol	9.980	184	229743	97.040	ng	99
55) Dibenzofuran	10.122	168	1124399	45.395	ng	100
56) 4-Nitrophenol	10.045	139	308272	87.657	ng	98
57) 2,4-Dinitrotoluene	10.104	165	275544	45.603	ng	98
58) Fluorene	10.463	166	868200	44.370	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	230652	47.652	ng	99
60) Diethylphthalate	10.333	149	933678	45.341	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	431231	44.640	ng	100
62) 4-Nitroaniline	10.486	138	215906	43.796	ng	98
63) Azobenzene	10.616	77	914747	44.959	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	157620	50.403	ng	98
66) n-Nitrosodiphenylamine	10.575	169	771009	45.910	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	261987	45.091	ng	99
68) Hexachlorobenzene	11.010	284	296988	45.430	ng	100
69) Atrazine	11.104	200	261734	51.512	ng	100
70) Pentachlorophenol	11.210	266	308690	87.661	ng	99
71) Phenanthrene	11.427	178	1253307	45.902	ng	100
72) Anthracene	11.480	178	1280432	47.849	ng	100
73) Carbazole	11.633	167	1181642	44.721	ng	100
74) Di-n-butylphthalate	11.957	149	1462532	46.118	ng	100
75) Fluoranthene	12.621	202	1360302	44.406	ng	100
77) Benzidine	12.739	184	344154	27.581	ng	99
78) Pyrene	12.851	202	1371060	49.302	ng	100
80) Butylbenzylphthalate	13.463	149	551247	51.601	ng	96
81) Benzo(a)anthracene	14.039	228	995805	46.604	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	209137	30.794	ng	99
83) Chrysene	14.080	228	923689	47.379	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	715477	50.176	ng	99
85) Di-n-octyl phthalate	14.645	149	962272	47.915	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	911905	51.963	ng	99
88) Benzo(b)fluoranthene	15.110	252	747769	40.237	ng	99
89) Benzo(k)fluoranthene	15.139	252	746427	49.166	ng	100
90) Benzo(a)pyrene	15.480	252	719976	49.889	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	743925	51.284	ng	99
92) Benzo(g,h,i)perylene	17.509	276	693632	46.772	ng	98

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

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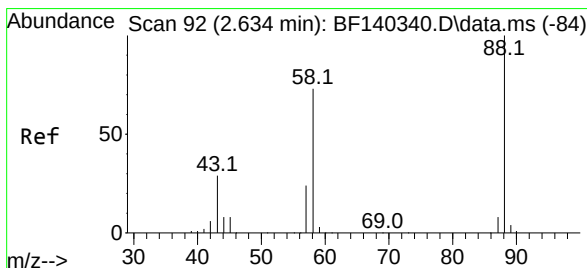
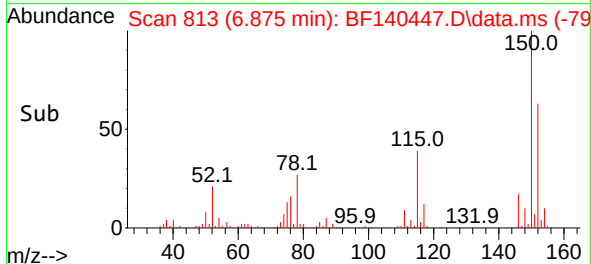
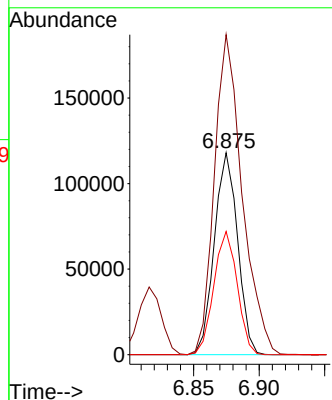
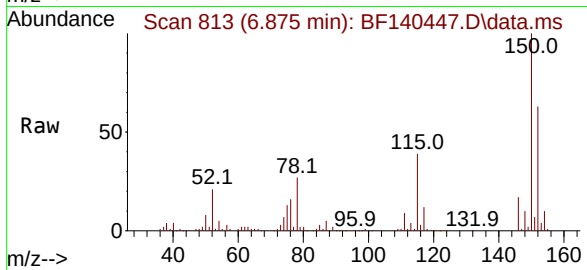




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58

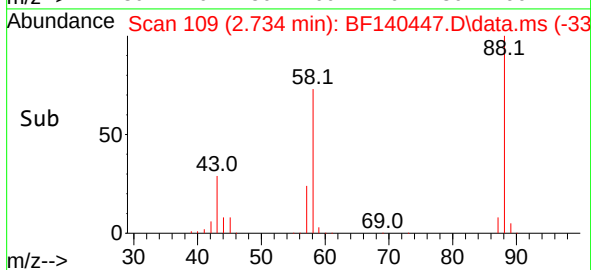
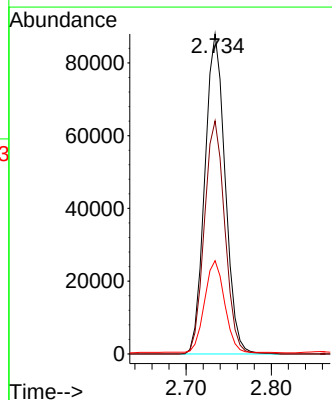
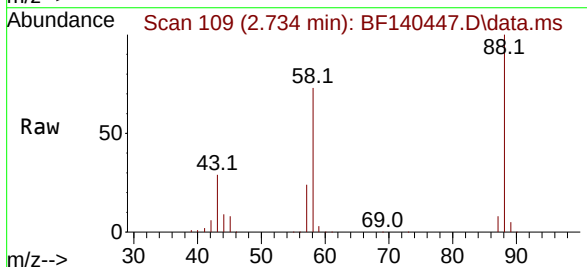
Instrument :
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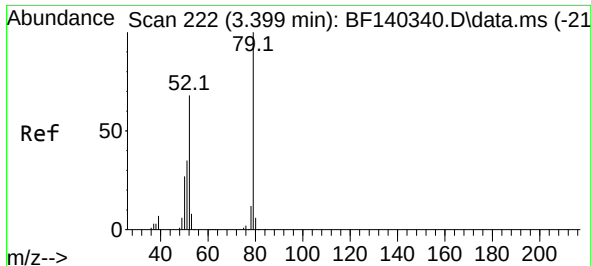
Tgt Ion:152 Resp: 145420
 Ion Ratio Lower Upper
 152 100
 150 158.5 127.4 191.0
 115 61.0 47.4 71.2



#2
 1,4-Dioxane
 Concen: 38.408 ng
 RT: 2.734 min Scan# 109
 Delta R.T. 0.100 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58

Tgt Ion: 88 Resp: 145798
 Ion Ratio Lower Upper
 88 100
 58 73.3 59.5 89.3
 43 28.8 23.4 35.2





#3

Pyridine

Concen: 41.286 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

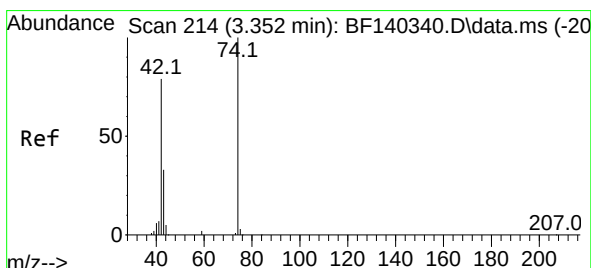
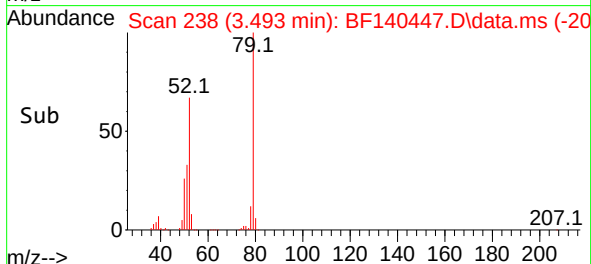
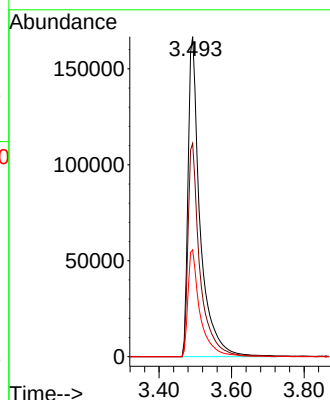
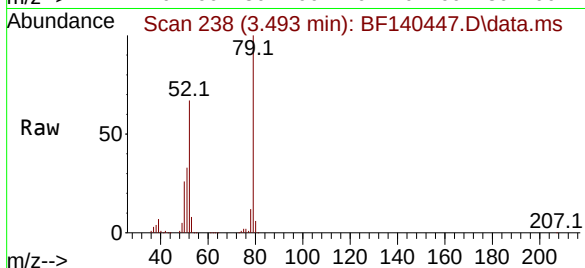
Tgt Ion: 79 Resp: 385293

Ion Ratio Lower Upper

79 100

52 66.7 53.8 80.6

51 33.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 43.614 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

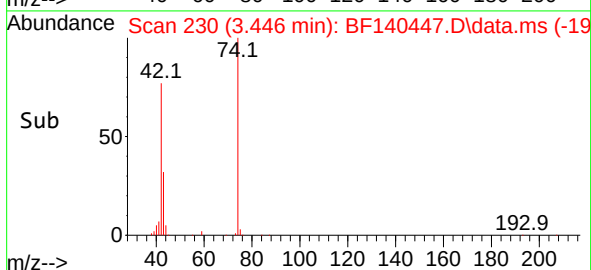
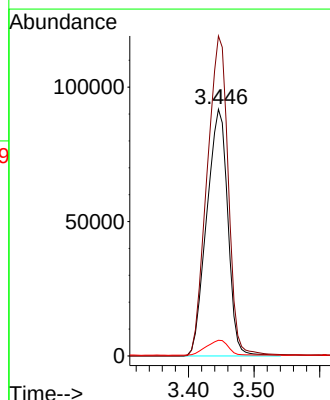
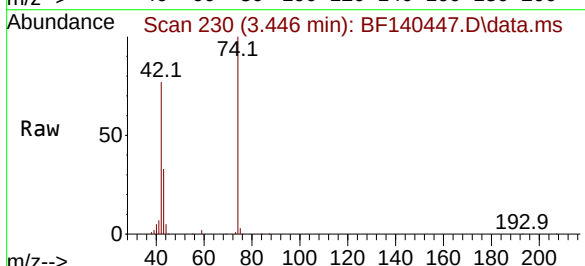
Tgt Ion: 42 Resp: 205712

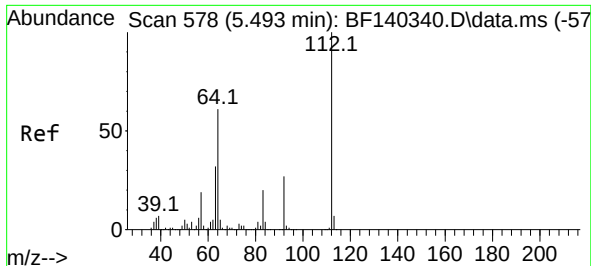
Ion Ratio Lower Upper

42 100

74 129.7 103.5 155.3

44 6.4 5.1 7.7

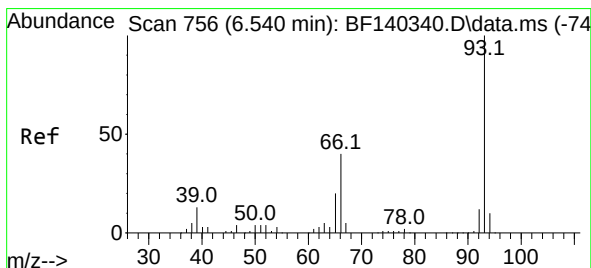
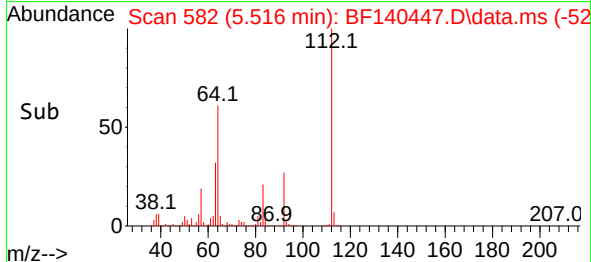
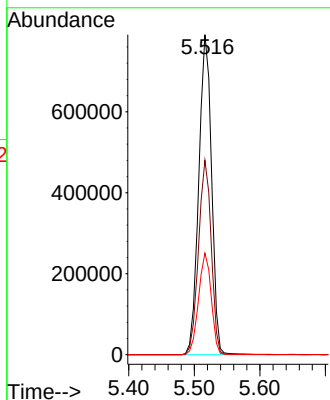
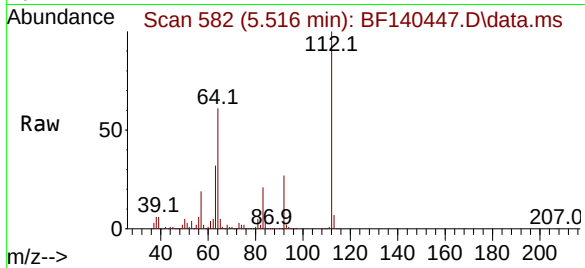




#5
2-Fluorophenol
Concen: 126.355 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

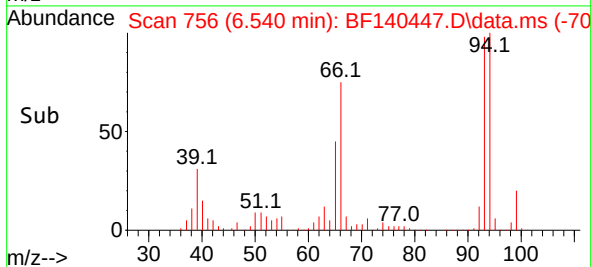
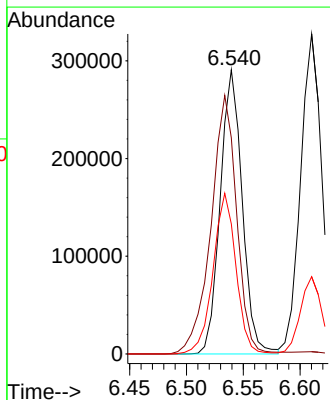
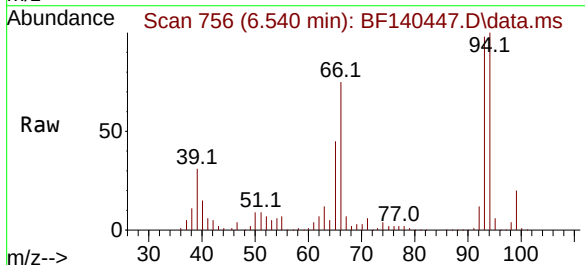
Instrument :
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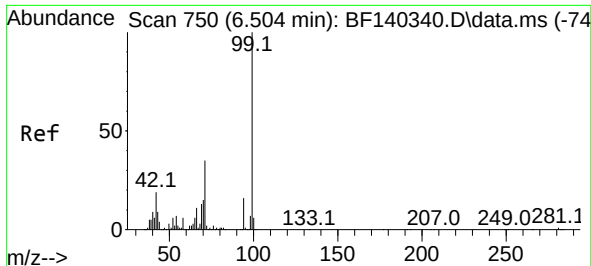
Tgt Ion:112 Resp: 1076180
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.8 25.6 38.4



#6
Aniline
Concen: 39.031 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 93 Resp: 391801
Ion Ratio Lower Upper
93 100
66 76.0 32.8 49.2#
65 45.8 16.6 25.0#

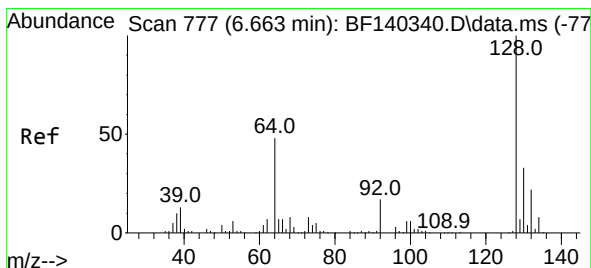
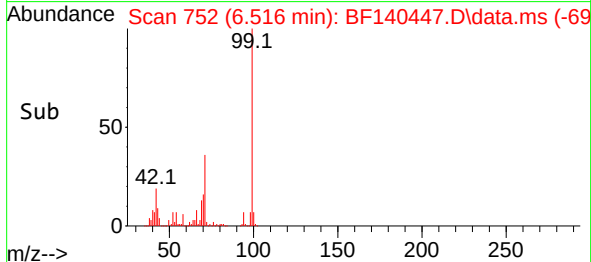
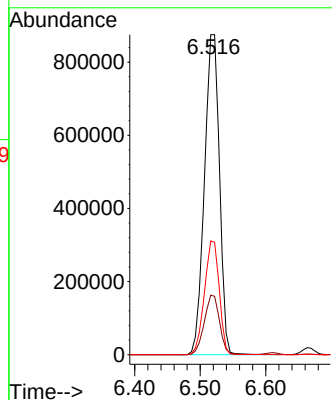
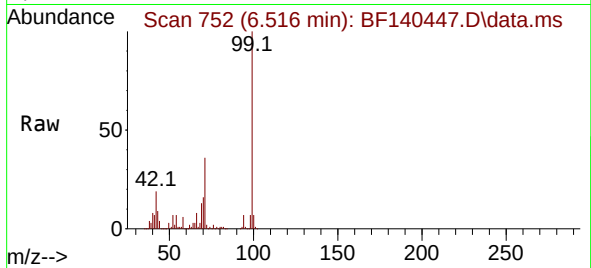




#7
Phenol-d6
Concen: 121.328 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

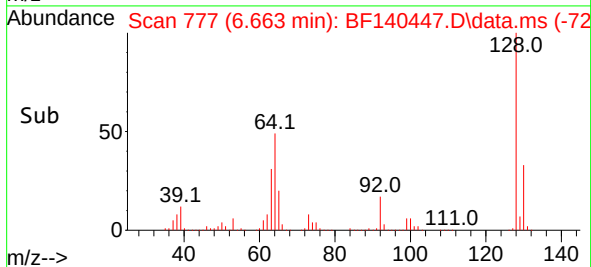
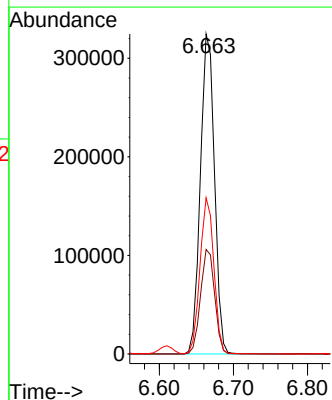
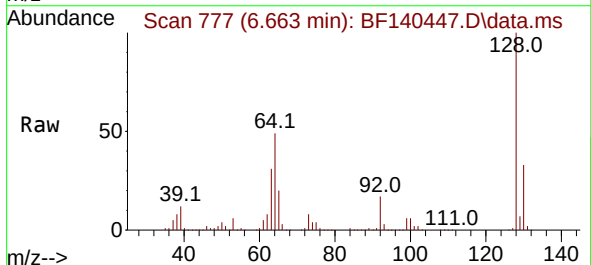
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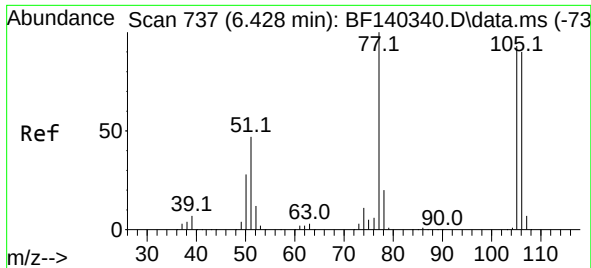
Tgt Ion: 99 Resp: 1400041
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 35.5 27.9 41.9



#8
2-Chlorophenol
Concen: 46.936 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 128 Resp: 429419
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 48.8 30.2 70.2

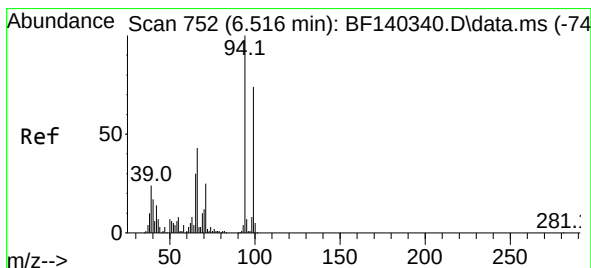
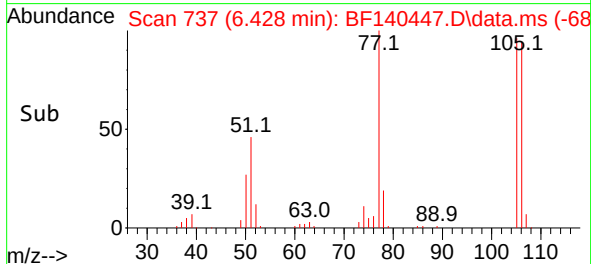
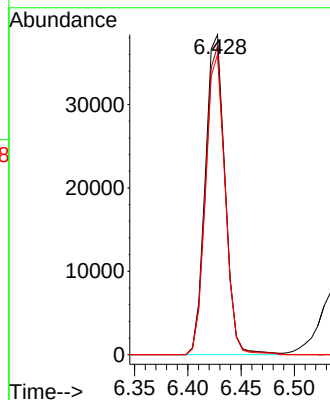
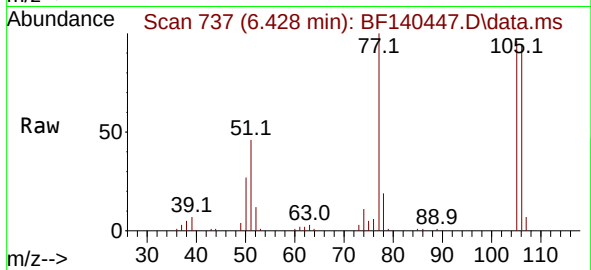




#9
Benzaldehyde
Concen: 7.169 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

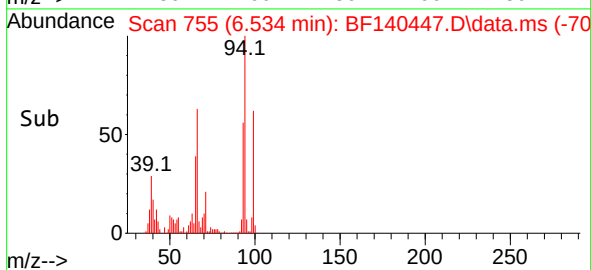
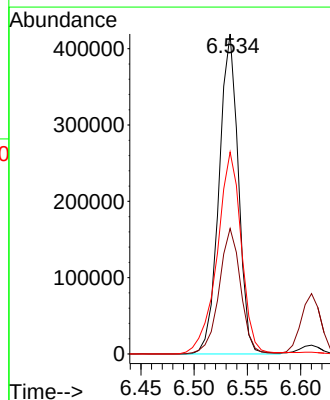
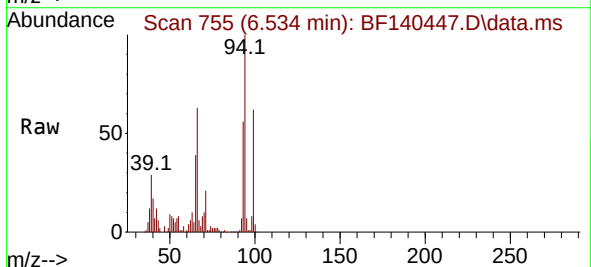
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

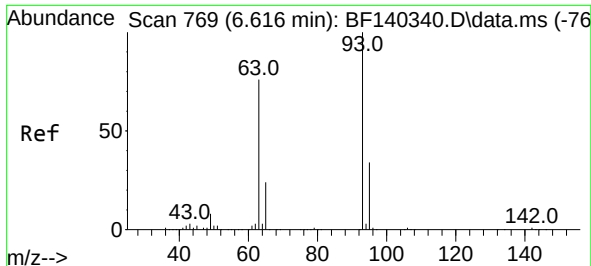
Tgt Ion:	77	Resp:	49583
Ion Ratio	Lower	Upper	
77	100		
105	96.3	74.4	114.4
106	93.8	69.9	109.9



#10
Phenol
Concen: 43.293 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:	94	Resp:	526833
Ion Ratio	Lower	Upper	
94	100		
65	39.2	10.4	50.4
66	63.1	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 45.755 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

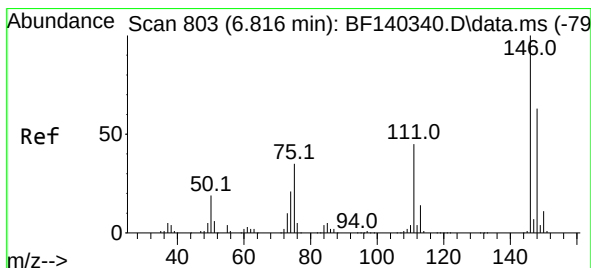
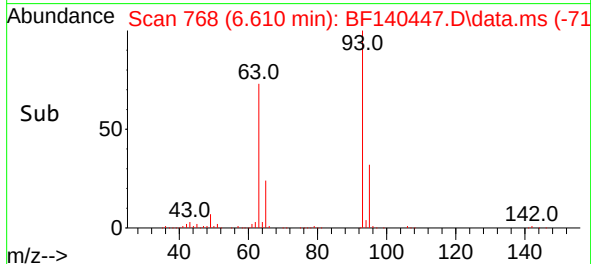
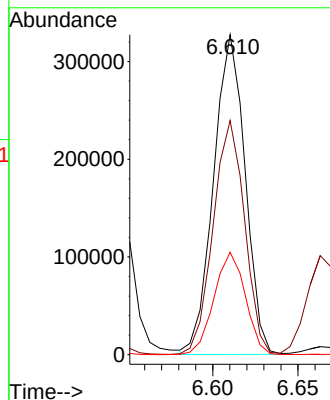
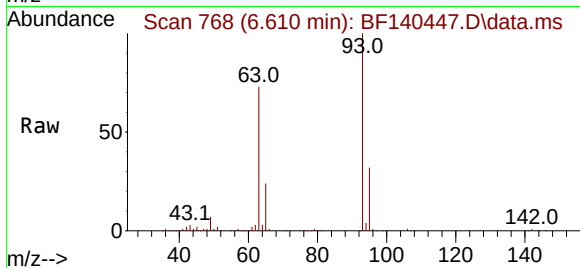
Tgt Ion: 93 Resp: 421887

Ion Ratio Lower Upper

93 100

63 73.2 54.0 94.0

95 32.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 44.000 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

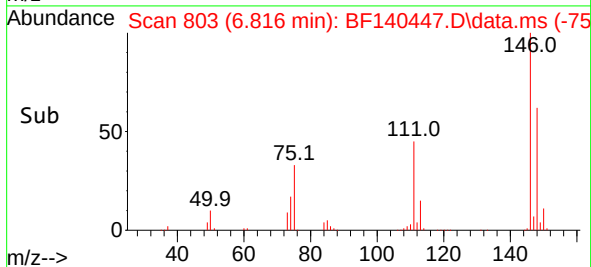
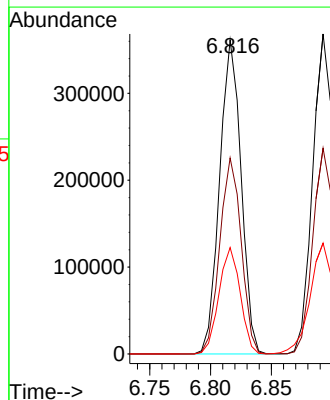
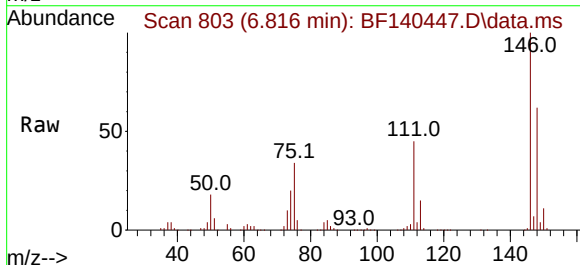
Tgt Ion:146 Resp: 444156

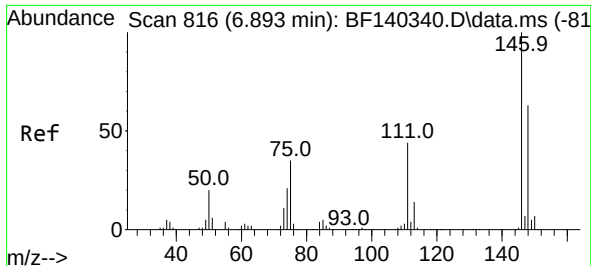
Ion Ratio Lower Upper

146 100

148 62.4 50.7 76.1

75 33.9 26.4 39.6

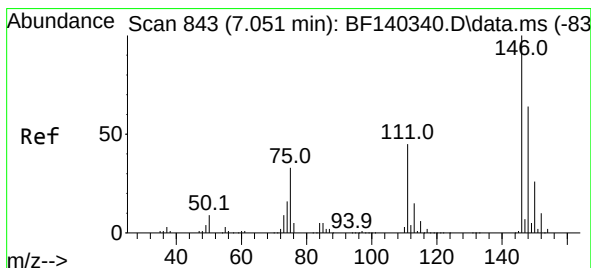
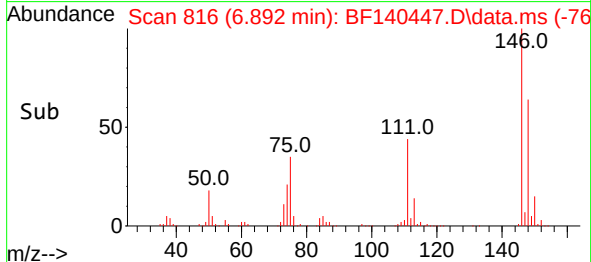
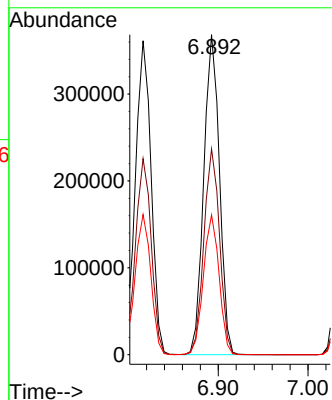
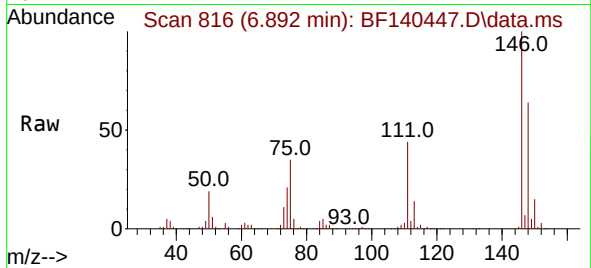




#13
1,4-Dichlorobenzene
Concen: 43.740 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

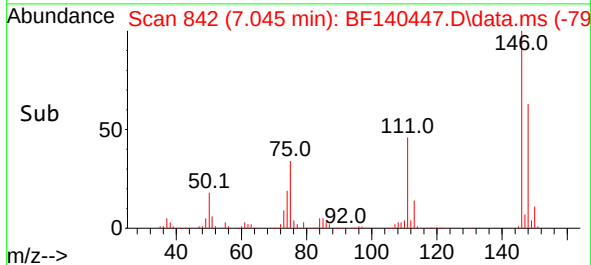
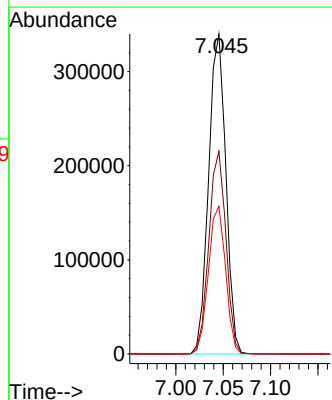
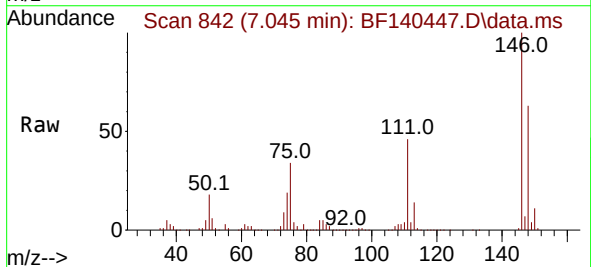
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

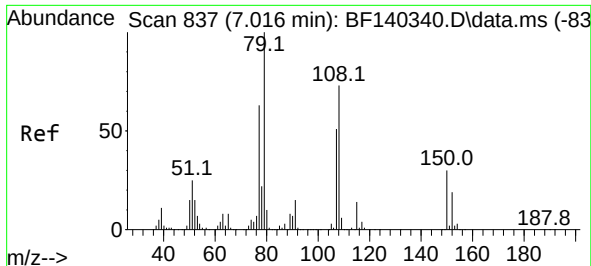
Tgt Ion:146 Resp: 447701
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 43.6 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 45.178 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:146 Resp: 429290
Ion Ratio Lower Upper
146 100
148 63.3 51.2 76.8
111 46.2 36.5 54.7

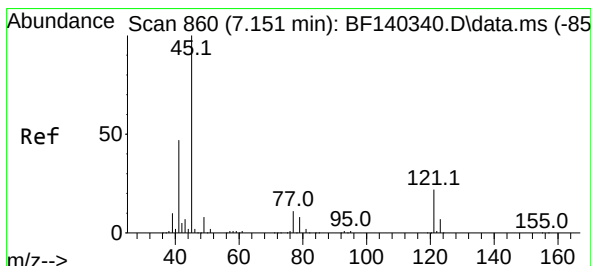
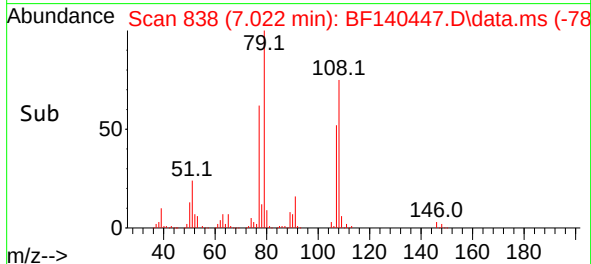
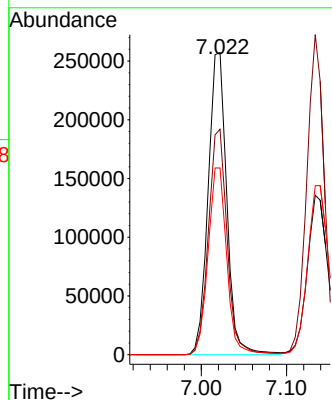
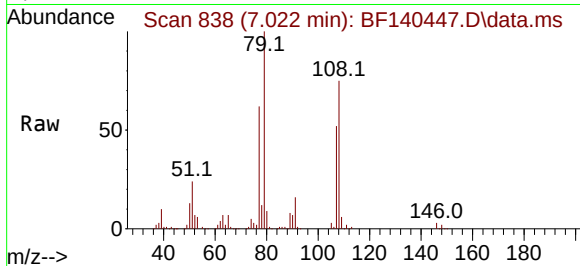




#15
Benzyl Alcohol
Concen: 46.938 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

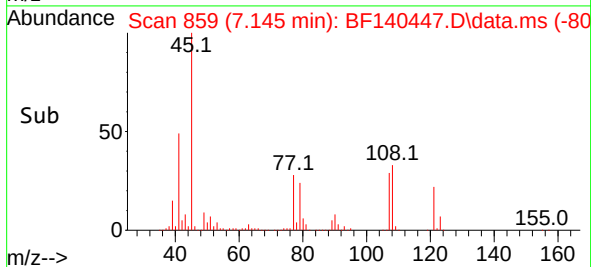
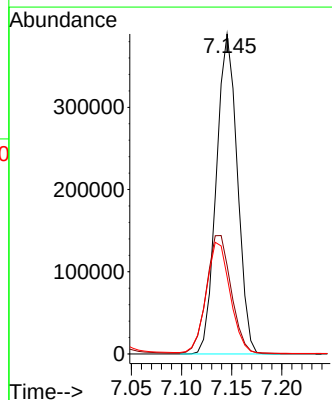
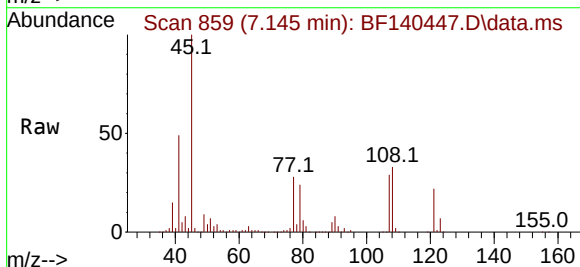
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

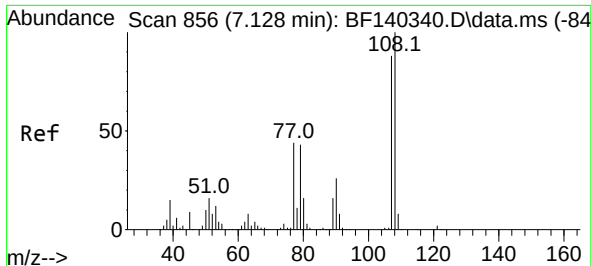
Tgt Ion: 79 Resp: 390233
Ion Ratio Lower Upper
79 100
108 74.6 57.8 86.6
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.404 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

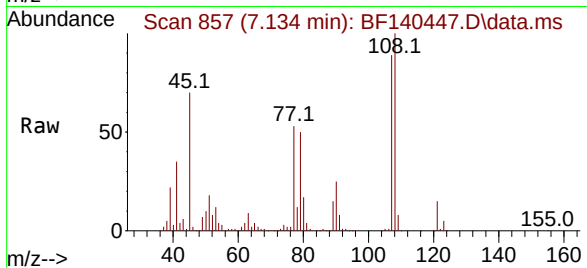
Tgt Ion: 45 Resp: 565533
Ion Ratio Lower Upper
45 100
77 27.7 0.0 34.8
79 24.2 0.0 31.4



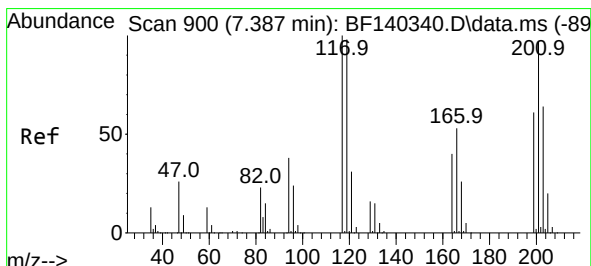
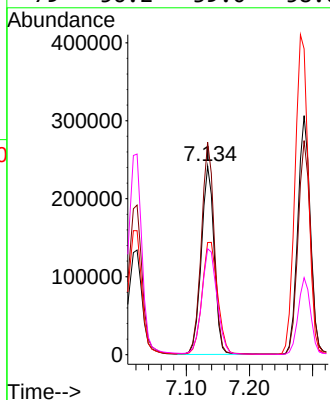
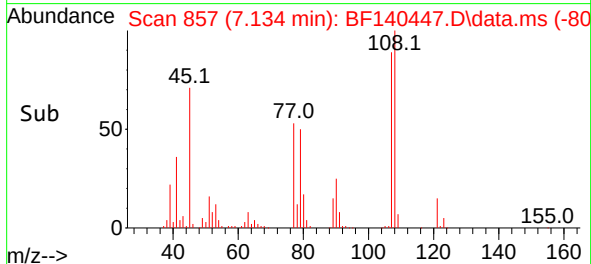


#17
2-Methylphenol
Concen: 45.476 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

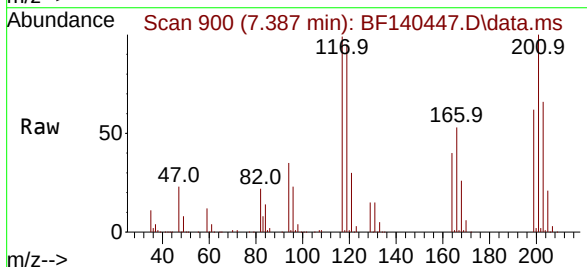
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



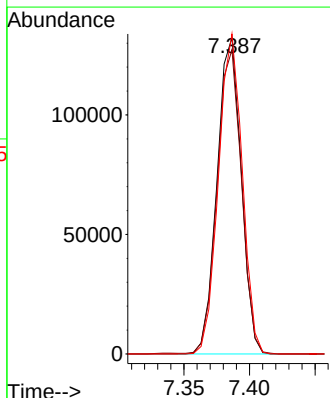
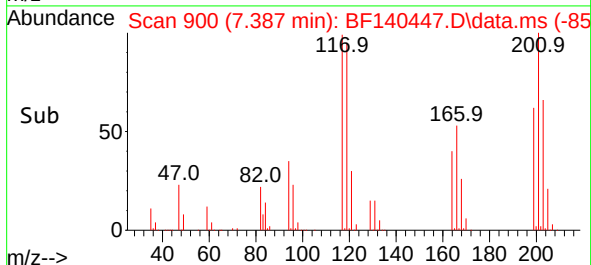
Tgt Ion:	107	Resp:	342267
Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.9	137.9
77	59.5	39.7	59.5
79	56.2	39.0	58.6

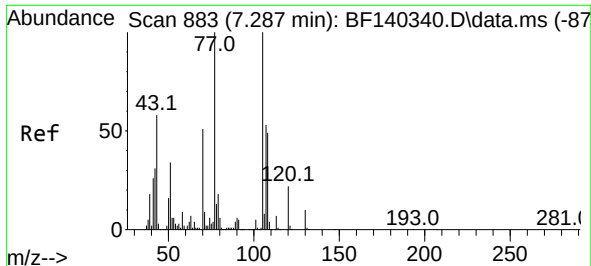


#18
Hexachloroethane
Concen: 44.791 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:	117	Resp:	169487
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.9	115.3
201	101.2	80.2	120.4



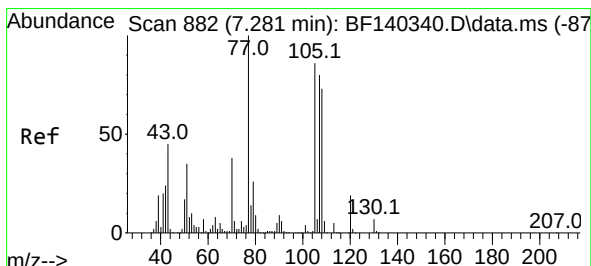
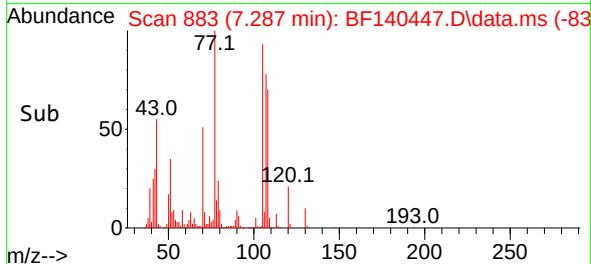
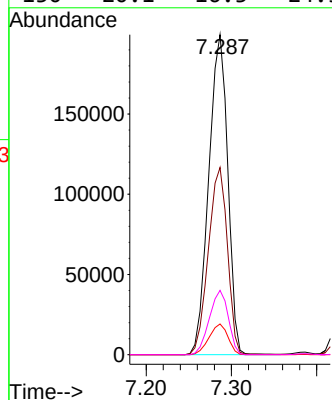
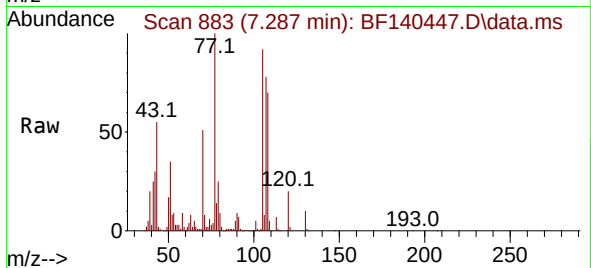


#19
n-Nitroso-di-n-propylamine
Concen: 44.341 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion: 70 Resp: 309024

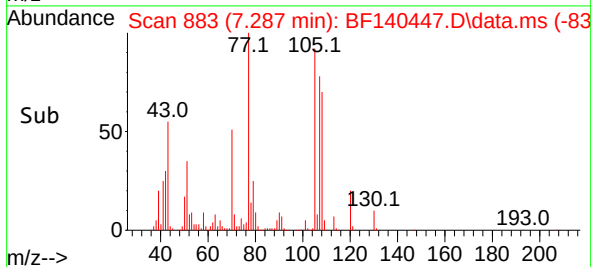
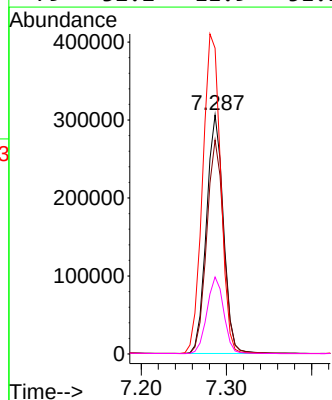
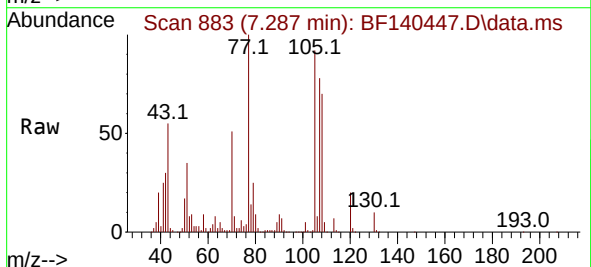
Ion	Ratio	Lower	Upper
70	100		
42	58.5	46.8	70.2
101	9.6	7.5	11.3
130	20.1	16.3	24.5

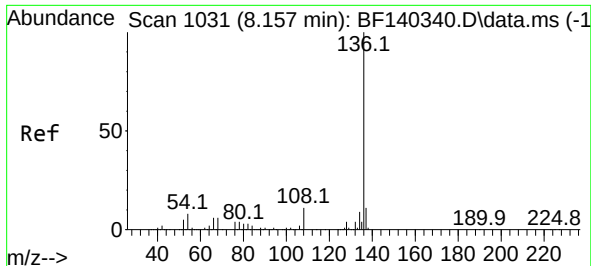


#20
3+4-Methylphenols
Concen: 45.003 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion: 107 Resp: 423581

Ion	Ratio	Lower	Upper
107	100		
108	89.6	71.4	111.4
77	127.9	97.0	137.0
79	32.2	11.9	51.9

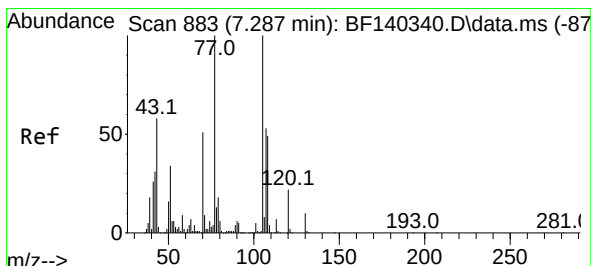
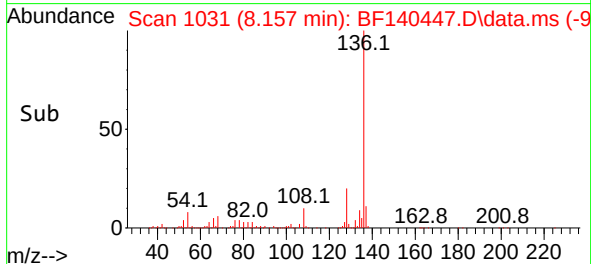
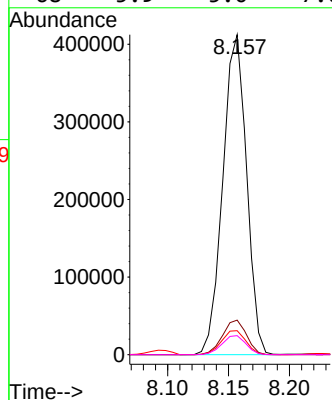
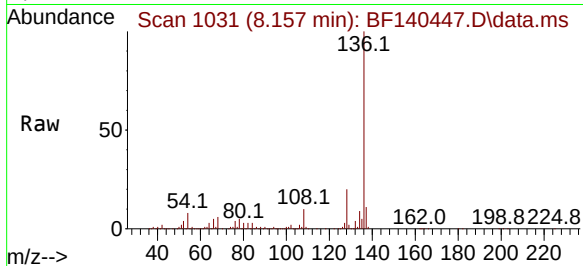




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

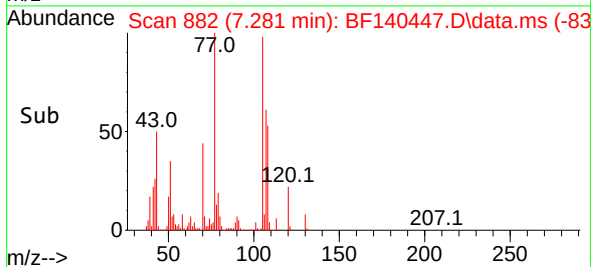
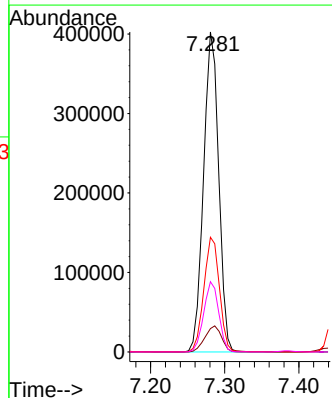
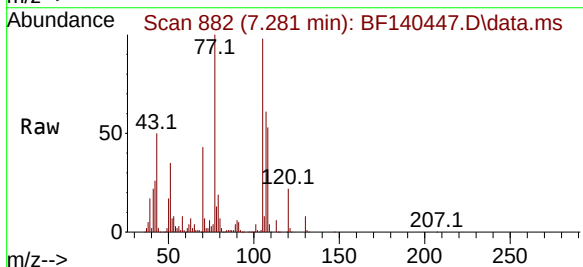
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

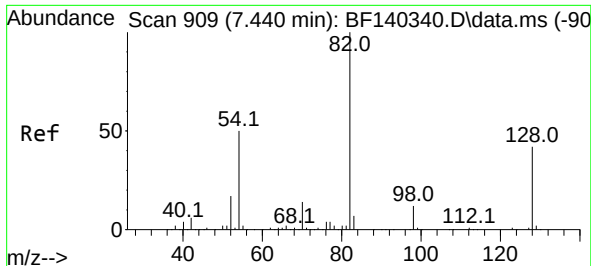
Tgt Ion:136 Resp: 559684
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.5 6.5 9.7
68 5.9 5.0 7.6



#22
Acetophenone
Concen: 43.897 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:105 Resp: 571412
Ion Ratio Lower Upper
105 100
71 7.3 6.9 10.3
51 35.9 28.6 43.0
120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 85.956 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

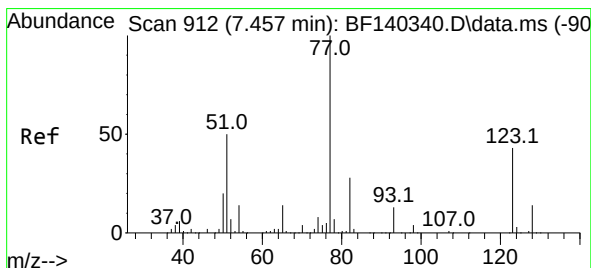
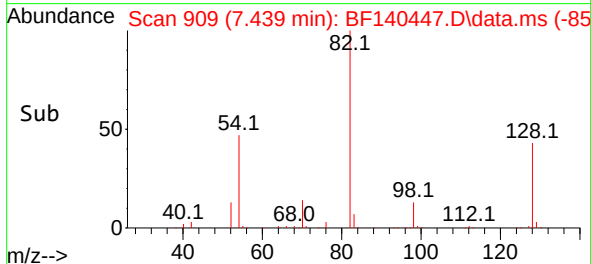
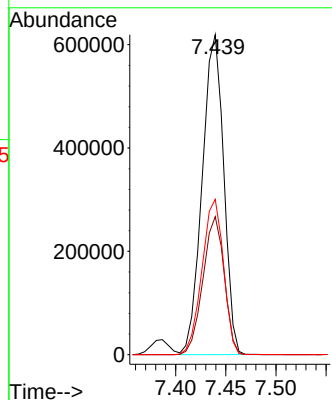
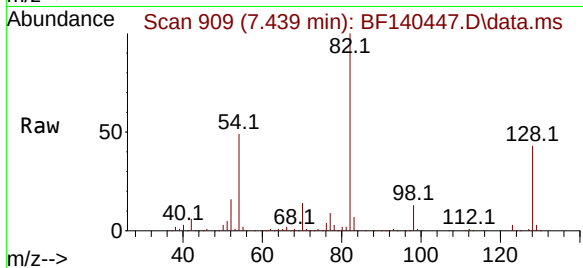
Tgt Ion: 82 Resp: 923338

Ion Ratio Lower Upper

82 100

128 43.2 33.3 49.9

54 48.5 39.8 59.8



#24

Nitrobenzene

Concen: 42.921 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

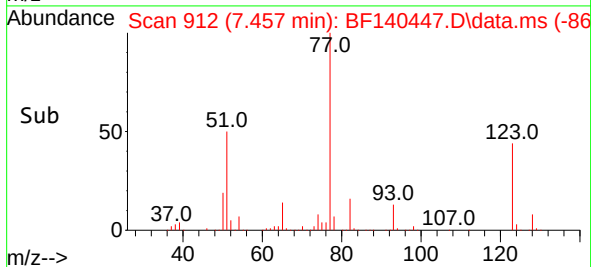
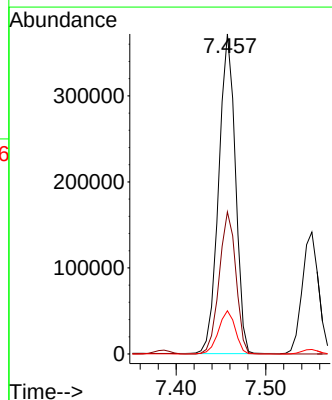
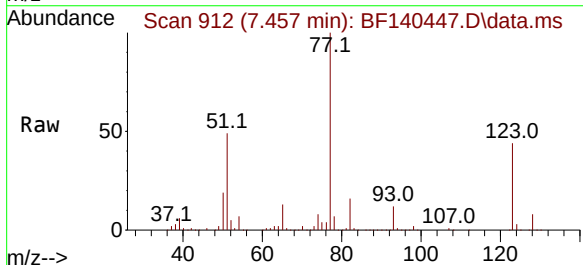
Tgt Ion: 77 Resp: 480035

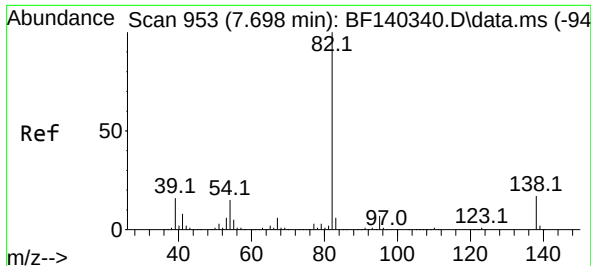
Ion Ratio Lower Upper

77 100

123 44.4 35.4 53.0

65 13.5 11.1 16.7

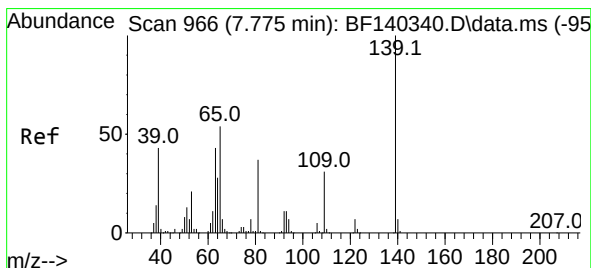
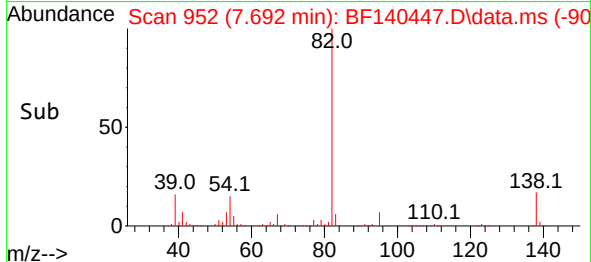
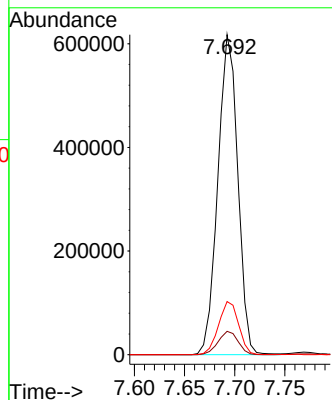
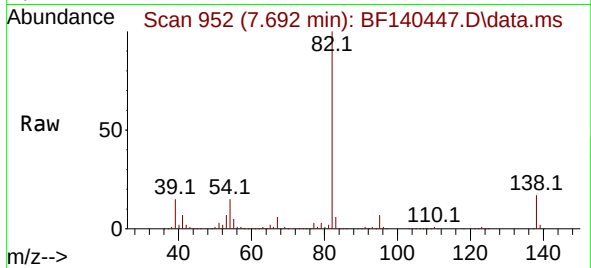




#25
Isophorone
Concen: 44.828 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

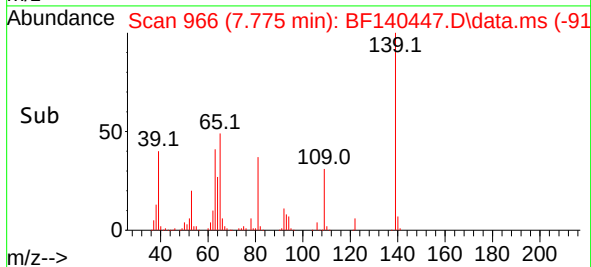
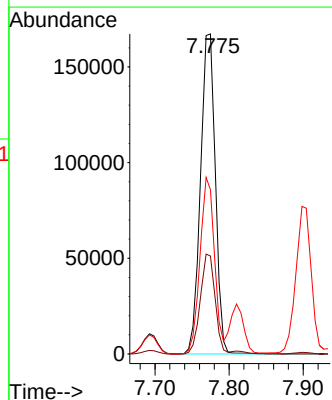
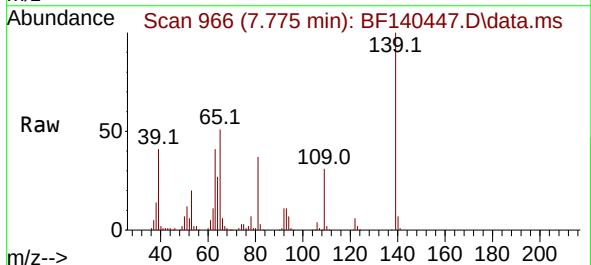
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

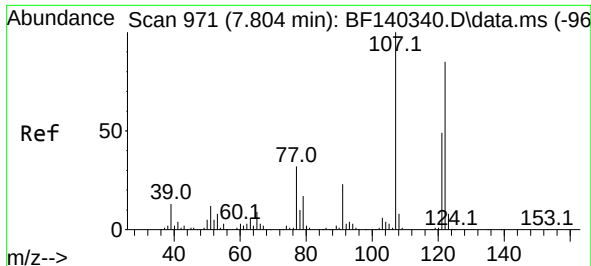
Tgt Ion: 82 Resp: 853441
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 46.929 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:139 Resp: 232910
Ion Ratio Lower Upper
139 100
109 30.6 24.4 36.6
65 51.4 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 54.796 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

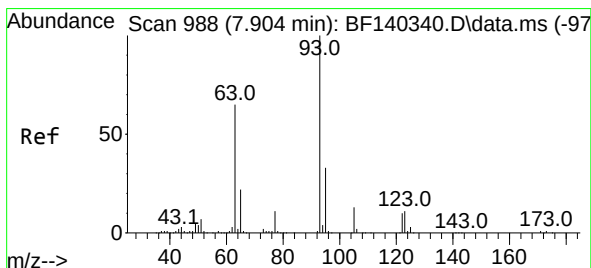
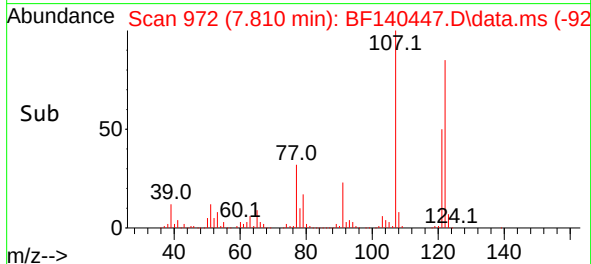
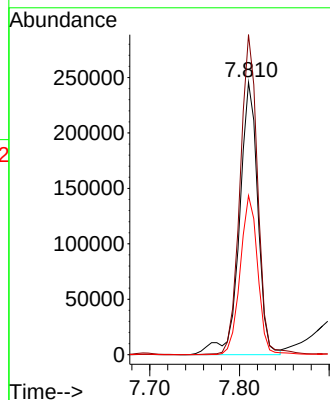
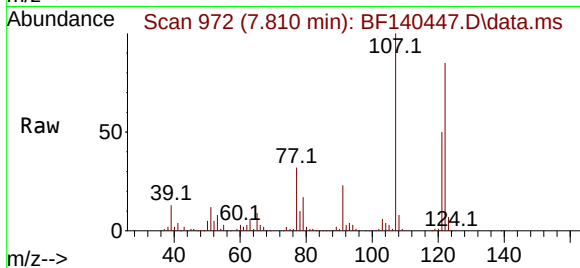
Tgt Ion:122 Resp: 348177

Ion Ratio Lower Upper

122 100

107 117.5 91.3 136.9

121 58.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 44.991 ng

RT: 7.904 min Scan# 988

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

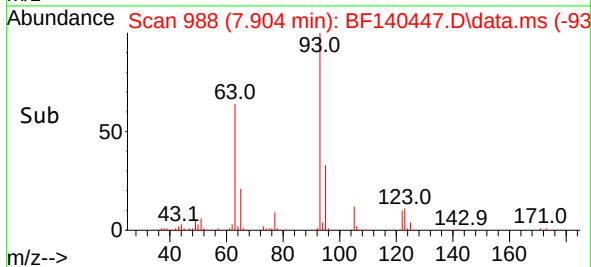
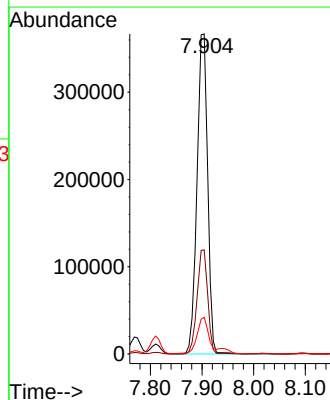
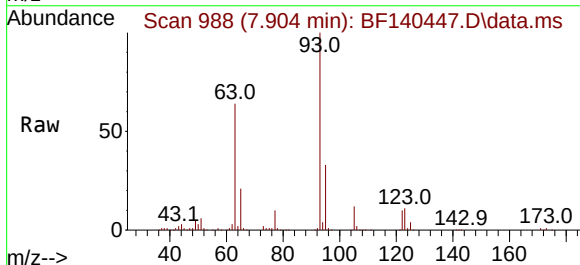
Tgt Ion: 93 Resp: 525211

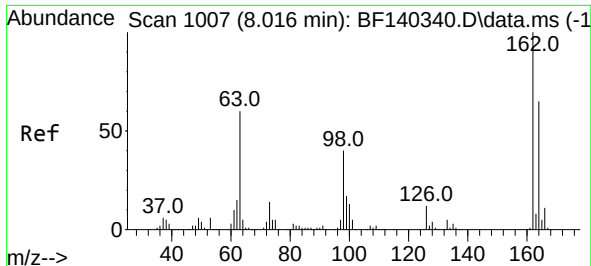
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.4 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.543 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

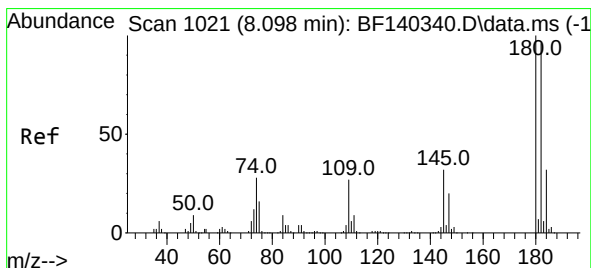
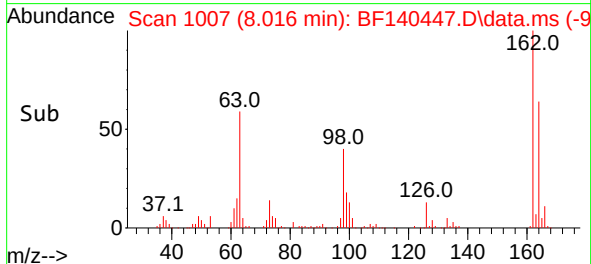
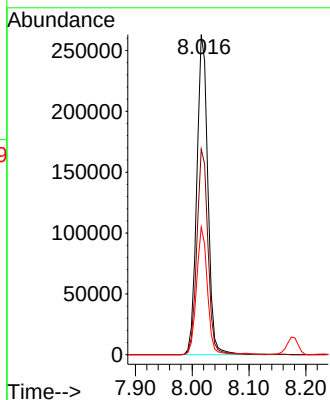
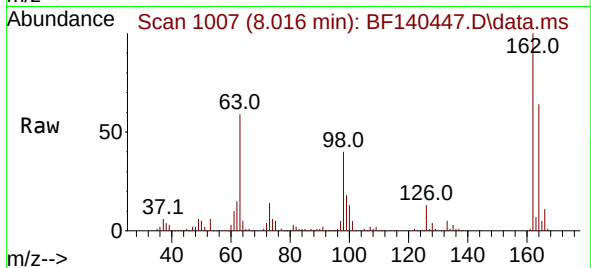
Tgt Ion:162 Resp: 357639

Ion Ratio Lower Upper

162 100

164 64.3 45.4 85.4

98 39.9 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 43.353 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

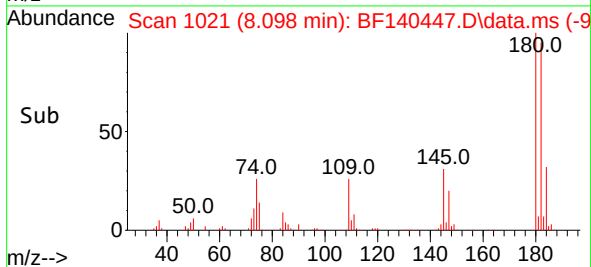
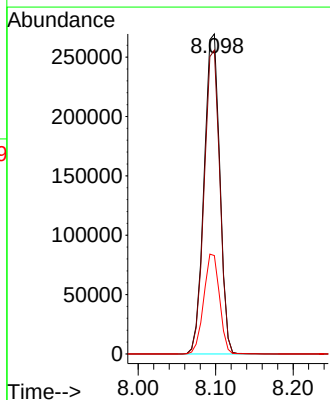
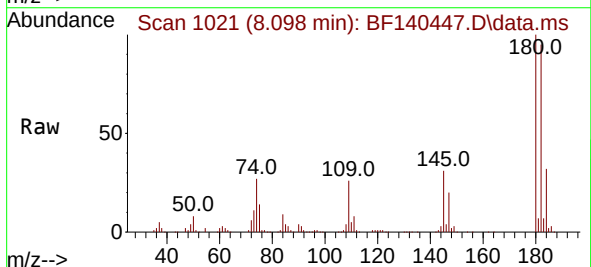
Tgt Ion:180 Resp: 379026

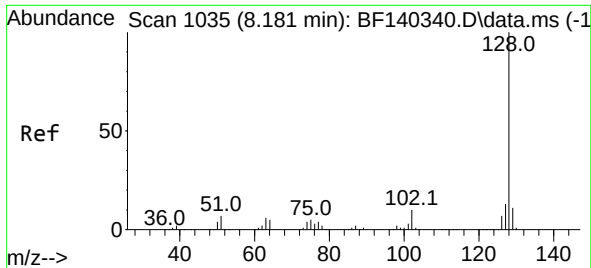
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

145 30.7 25.3 37.9

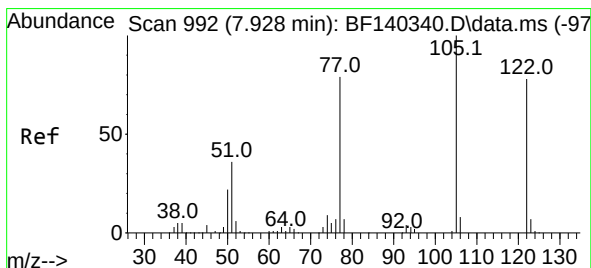
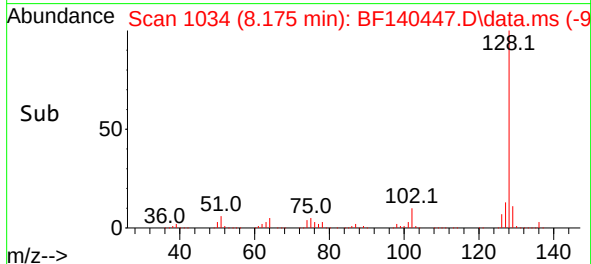
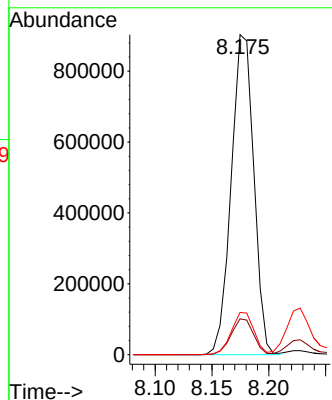
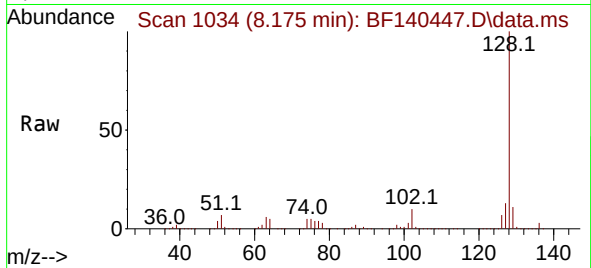




#31
Naphthalene
Concen: 43.901 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

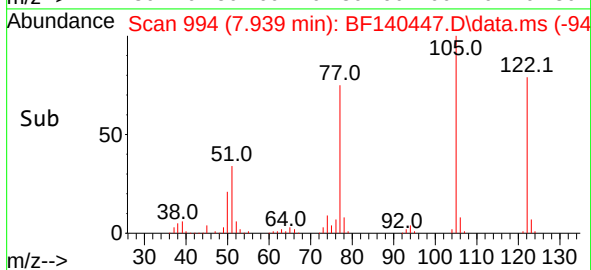
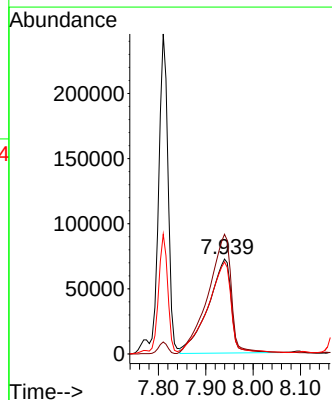
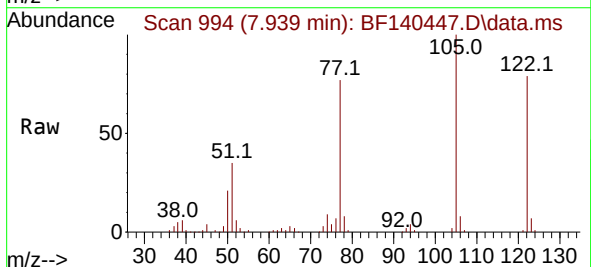
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

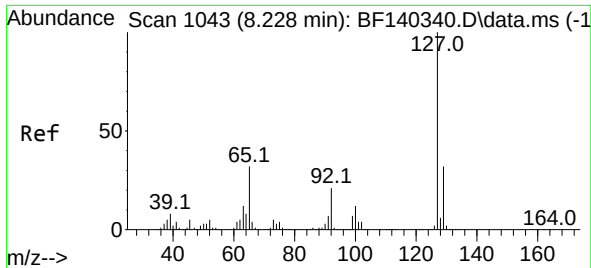
Tgt Ion:128 Resp: 1246423
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 43.744 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:122 Resp: 244574
Ion Ratio Lower Upper
122 100
105 126.2 100.9 140.9
77 97.0 76.0 116.0

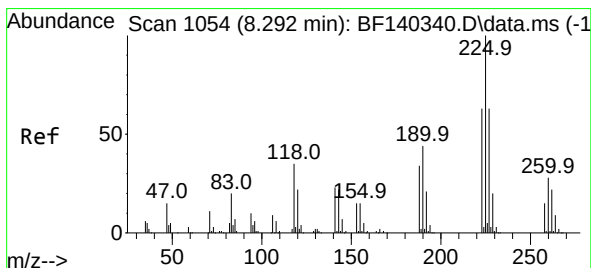
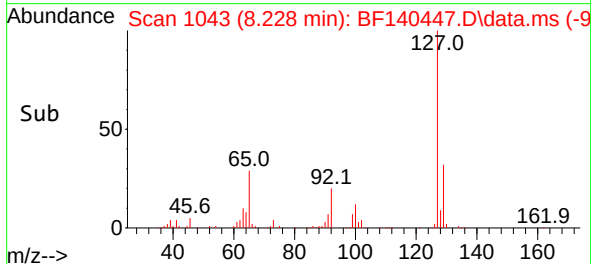
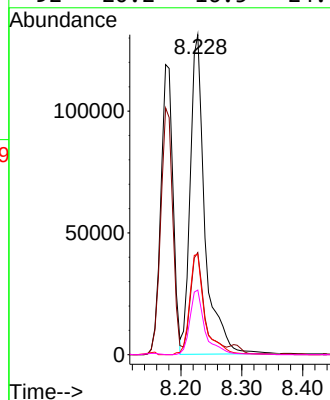
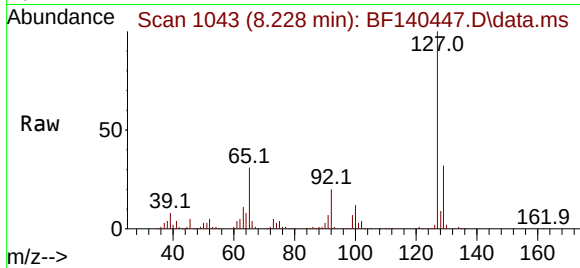




#33
4-Chloroaniline
Concen: 22.264 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

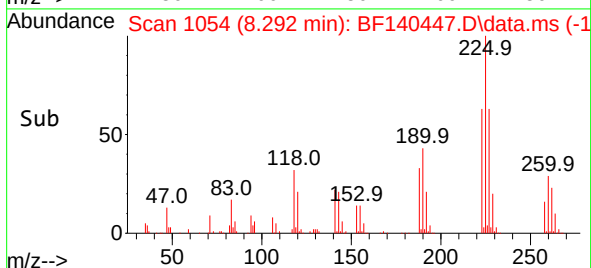
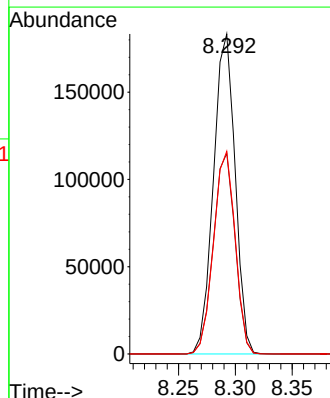
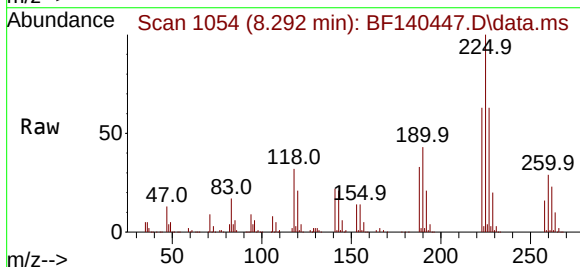
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

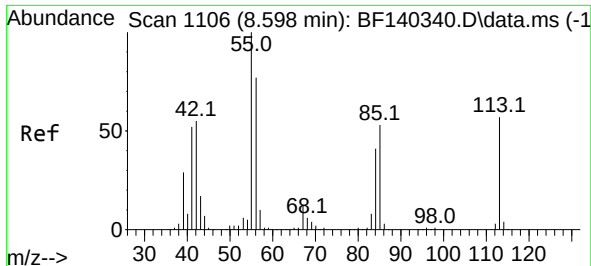
Tgt Ion:	127	Resp:	219835
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.4
65	31.4	25.8	38.6
92	20.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 43.652 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:	225	Resp:	243160
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.4	51.3	76.9

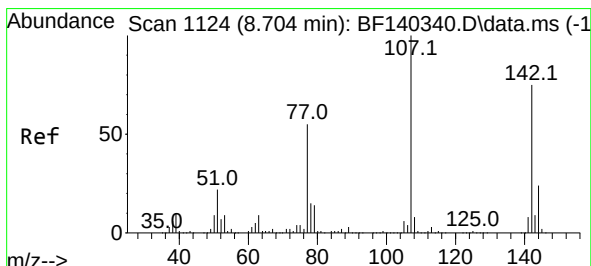
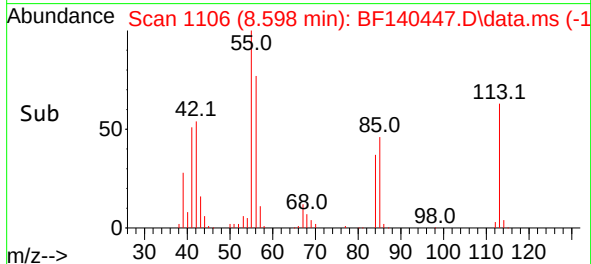
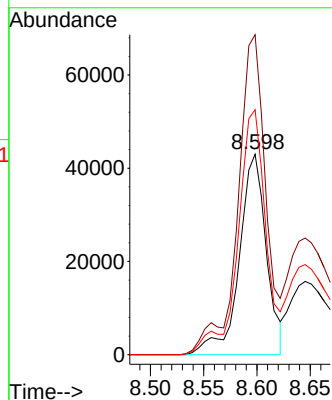
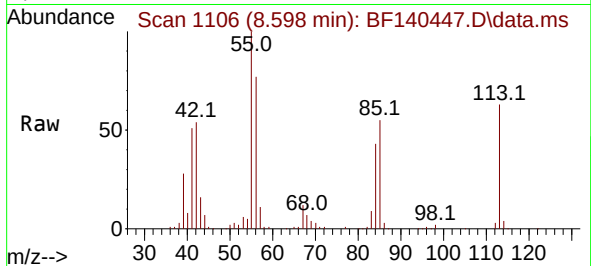




#35
 Caprolactam
 Concen: 29.220 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.000 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58

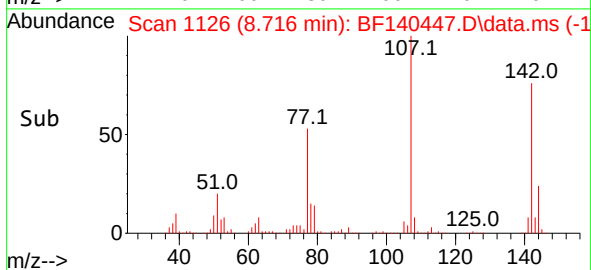
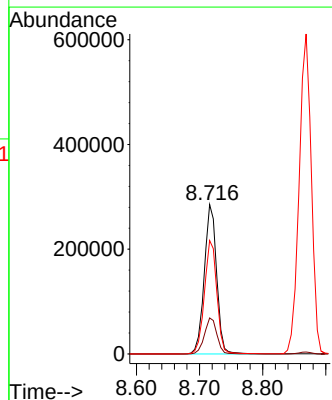
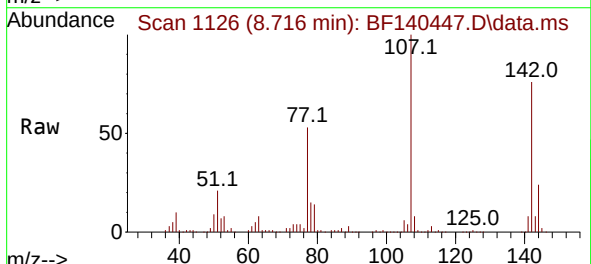
Instrument :
 BNA_F
 ClientSampleId :
 PB164846BSD

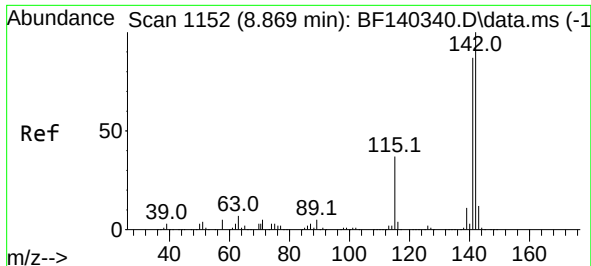
Tgt Ion:113 Resp: 76265
 Ion Ratio Lower Upper
 113 100
 55 159.7 150.0 190.0
 56 122.2 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.800 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF140447.D
 Acq: 18 Nov 2024 11:58

Tgt Ion:107 Resp: 389864
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 76.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 44.840 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

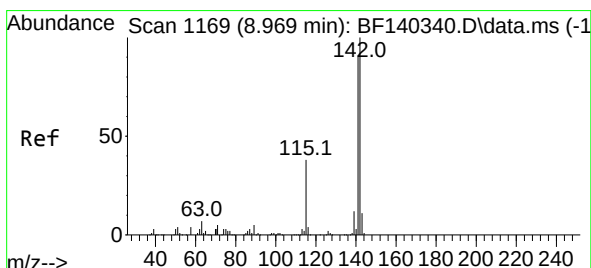
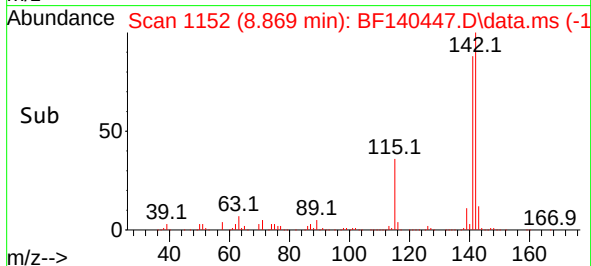
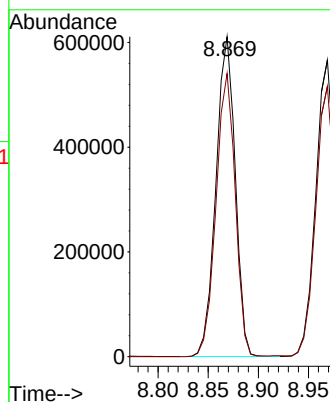
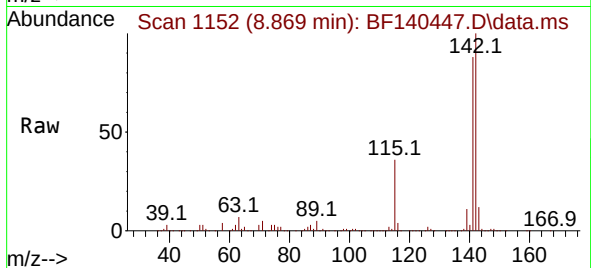
PB164846BSD

Tgt Ion:142 Resp: 816319

Ion Ratio Lower Upper

142 100

141 88.5 70.4 105.6



#38

1-Methylnaphthalene

Concen: 42.704 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF140447.D

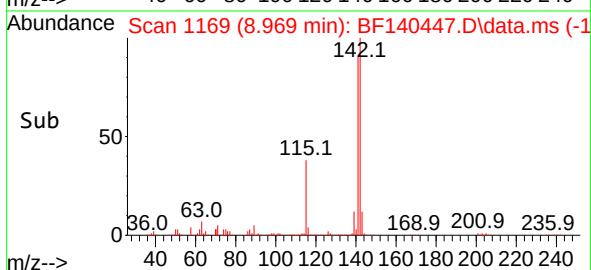
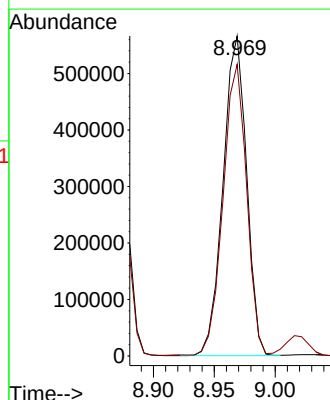
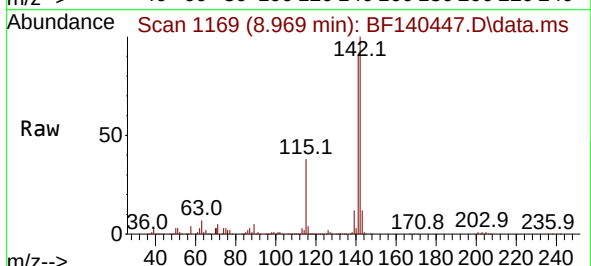
Acq: 18 Nov 2024 11:58

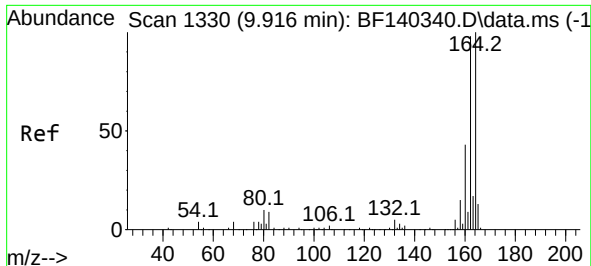
Tgt Ion:142 Resp: 761299

Ion Ratio Lower Upper

142 100

141 91.1 73.6 110.4

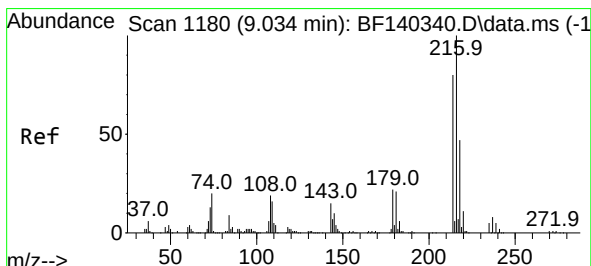
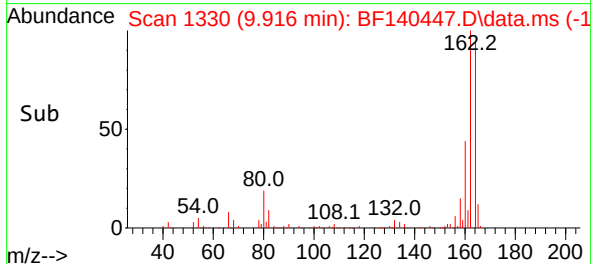
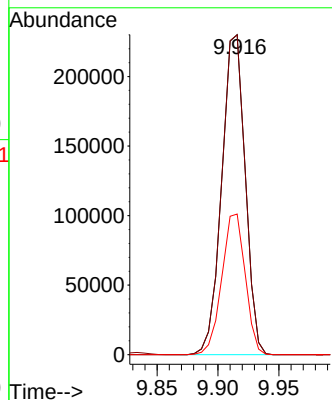
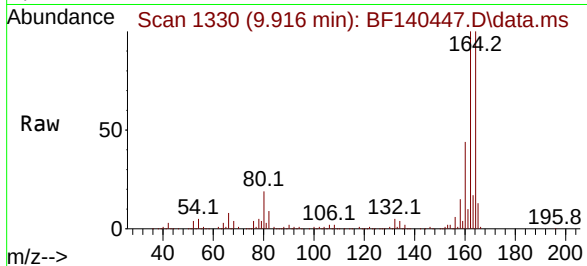




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

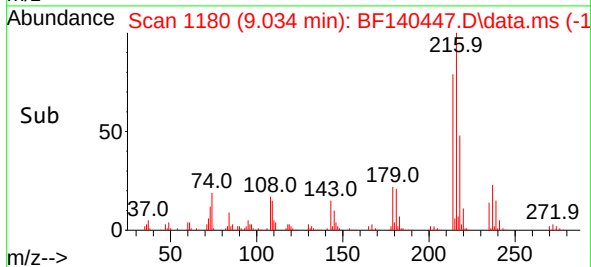
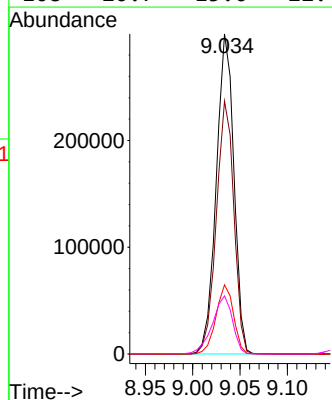
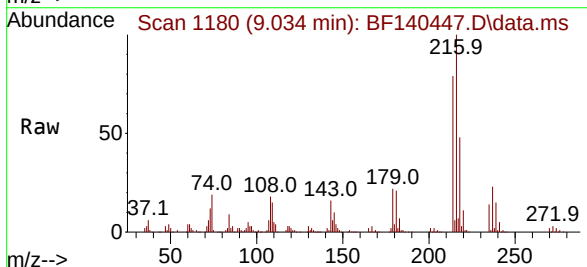
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

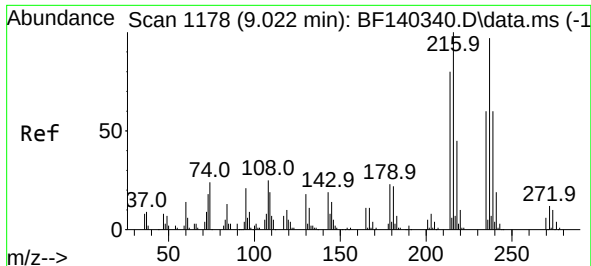
Tgt Ion:164 Resp: 308958
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 44.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.409 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

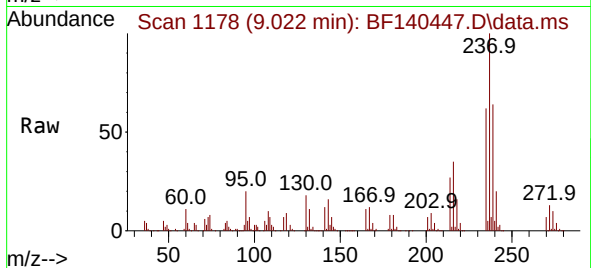
Tgt Ion:216 Resp: 387962
Ion Ratio Lower Upper
216 100
214 78.6 63.2 94.8
179 21.5 17.2 25.8
108 20.7 15.0 22.4



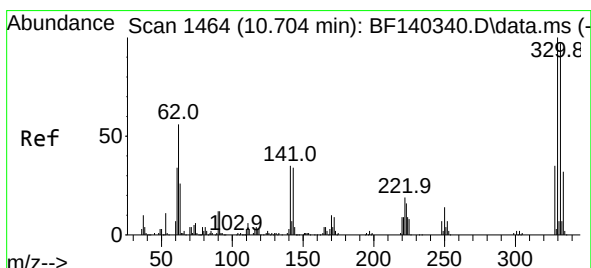
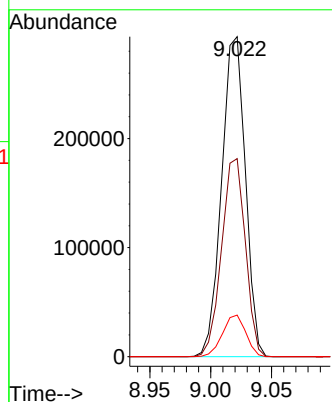
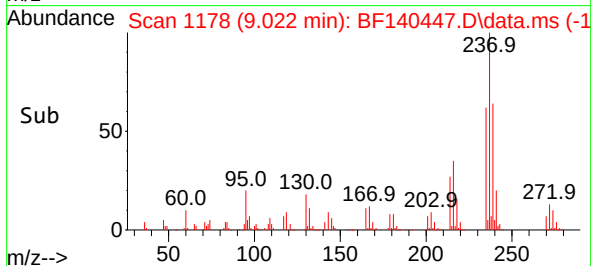


#41
Hexachlorocyclopentadiene
Concen: 181.657 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

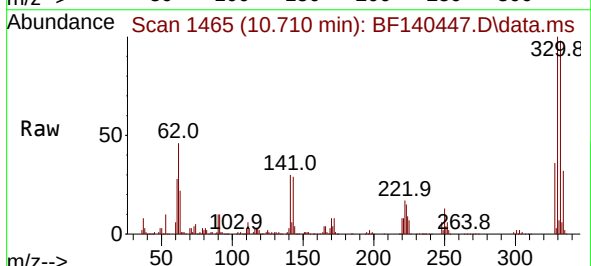
Instrument :
BNA_F
ClientSampleId :
PB164846BSD



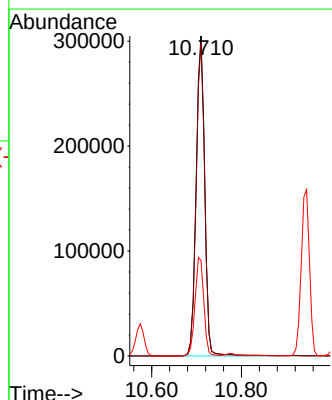
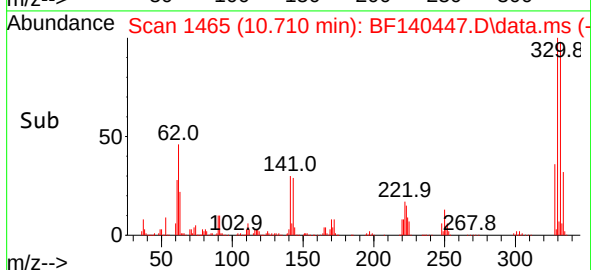
Tgt Ion:237 Resp: 398486
Ion Ratio Lower Upper
237 100
235 61.9 42.8 82.8
272 13.0 0.0 33.1

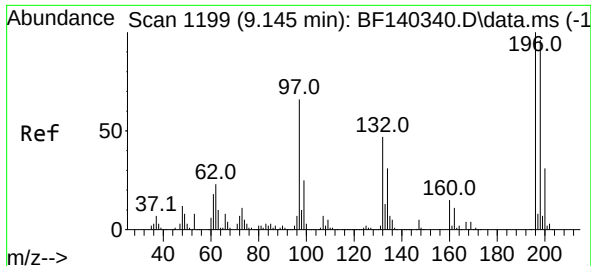


#42
2,4,6-Tribromophenol
Concen: 131.593 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58



Tgt Ion:330 Resp: 404298
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 31.5 26.9 40.3

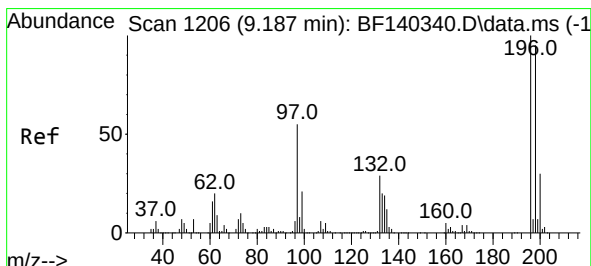
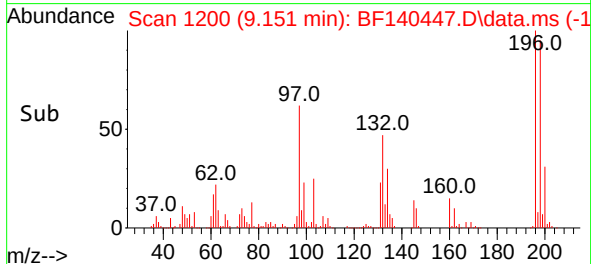
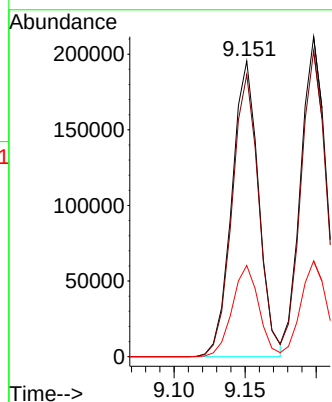
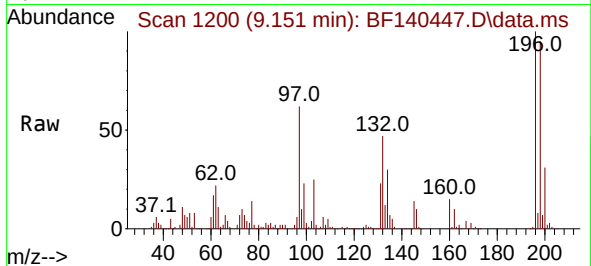




#43
2,4,6-Trichlorophenol
Concen: 45.838 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

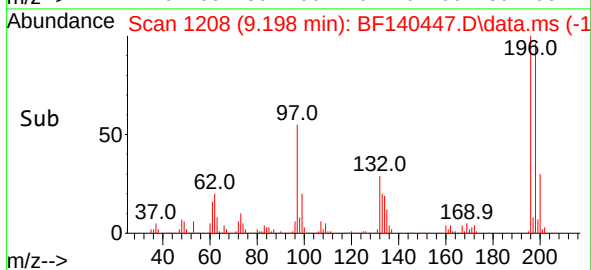
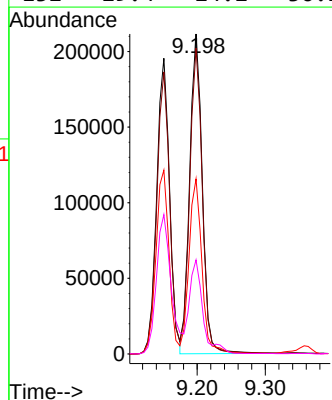
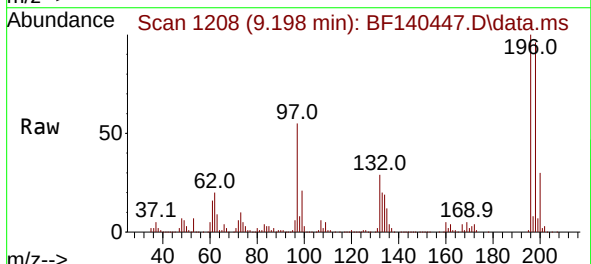
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

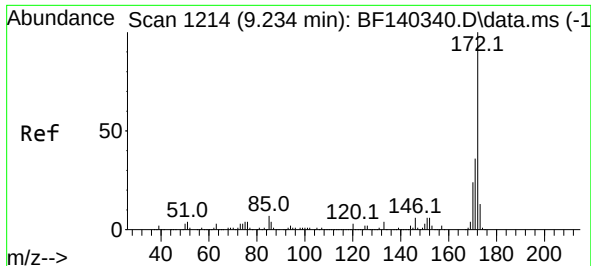
Tgt Ion:196 Resp: 257007
Ion Ratio Lower Upper
196 100
198 95.4 77.0 115.4
200 30.8 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 44.267 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:196 Resp: 271362
Ion Ratio Lower Upper
196 100
198 95.6 77.6 116.4
97 54.7 45.4 68.2
132 29.4 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 87.529 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

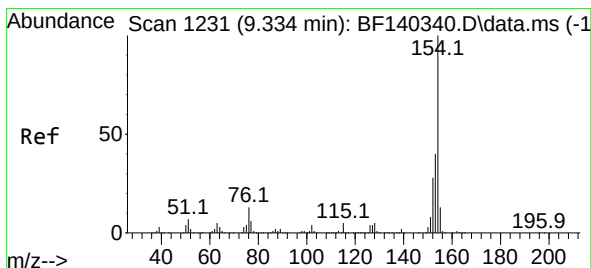
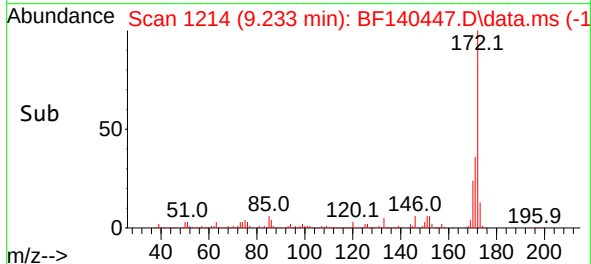
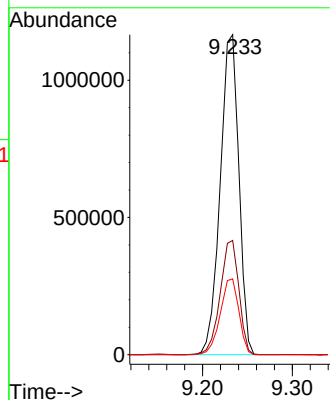
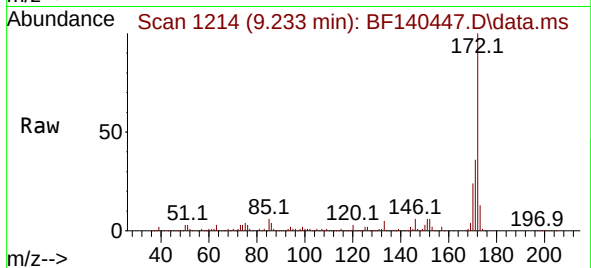
Tgt Ion:172 Resp: 1682238

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.954 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

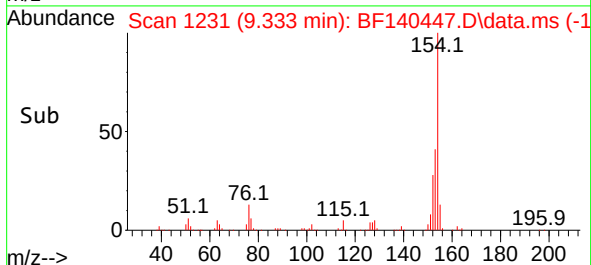
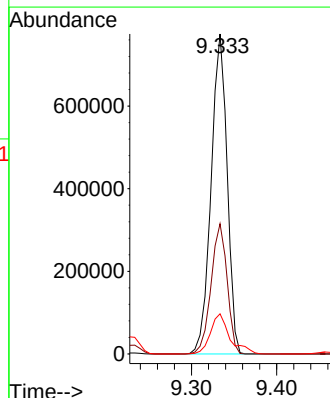
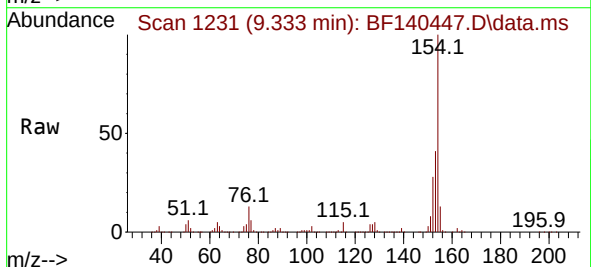
Tgt Ion:154 Resp: 1010408

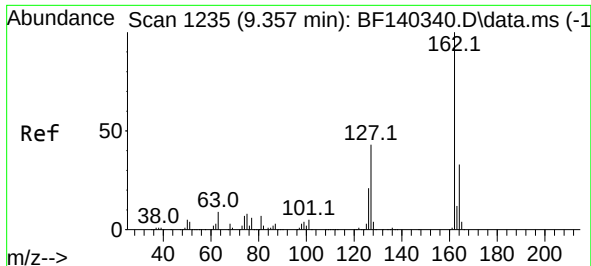
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 12.6 0.0 32.9





#47

2-Chloronaphthalene

Concen: 44.092 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

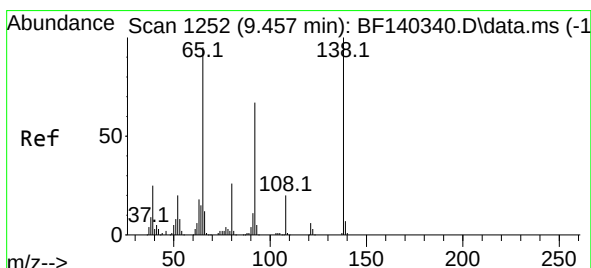
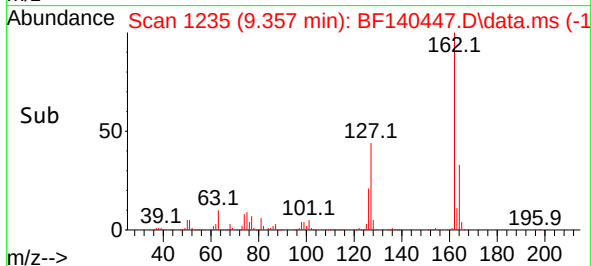
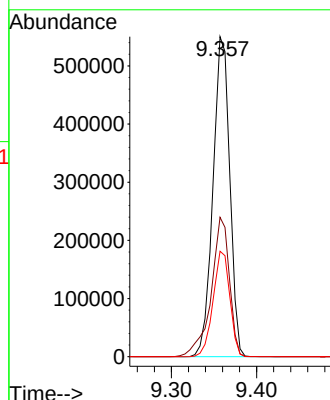
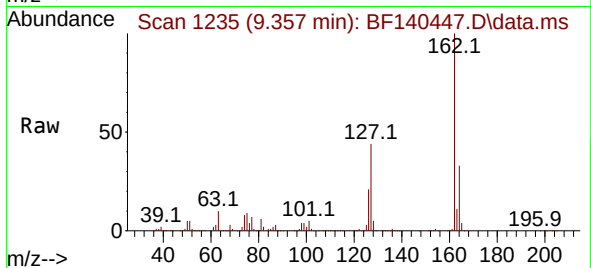
Tgt Ion:162 Resp: 754929

Ion Ratio Lower Upper

162 100

127 43.5 34.0 51.0

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 45.247 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

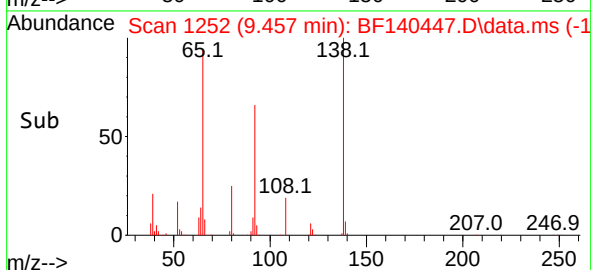
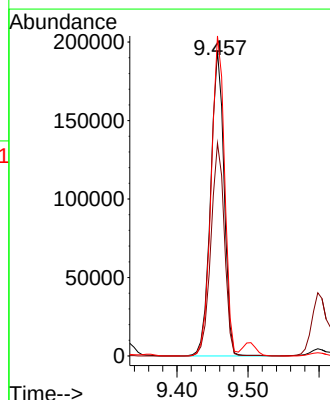
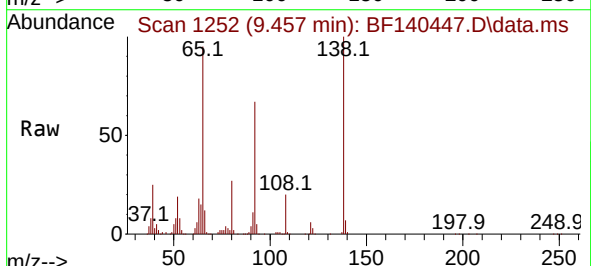
Tgt Ion: 65 Resp: 256925

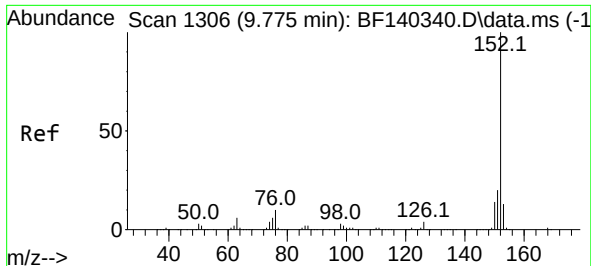
Ion Ratio Lower Upper

65 100

92 69.7 56.4 84.6

138 104.9 84.8 127.2





#49

Acenaphthylene

Concen: 48.233 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

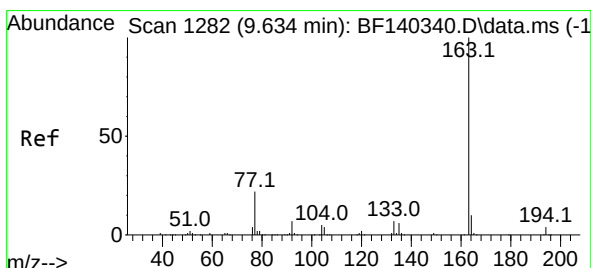
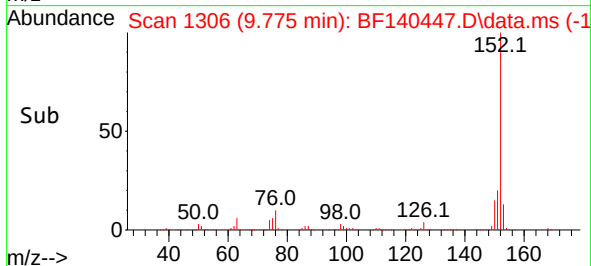
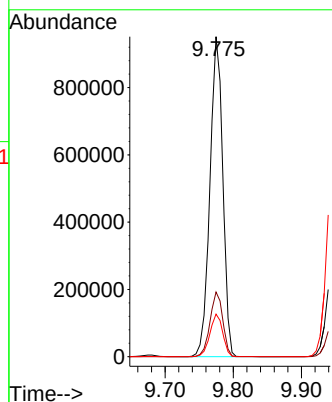
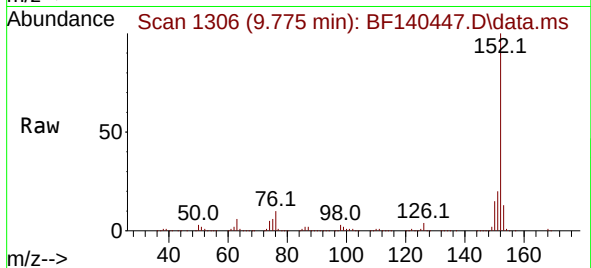
Tgt Ion:152 Resp: 1249493

Ion Ratio Lower Upper

152 100

151 20.2 16.1 24.1

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 46.042 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

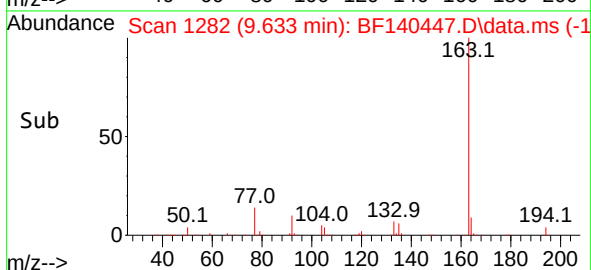
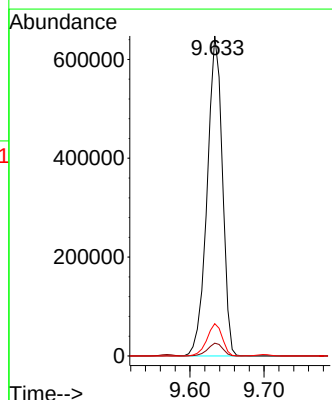
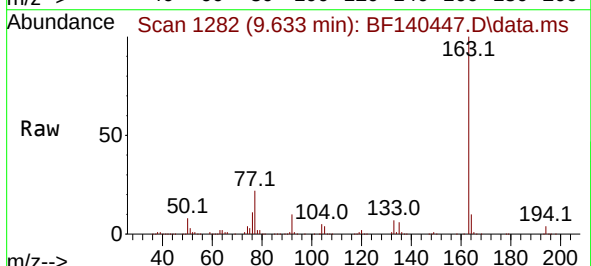
Tgt Ion:163 Resp: 927208

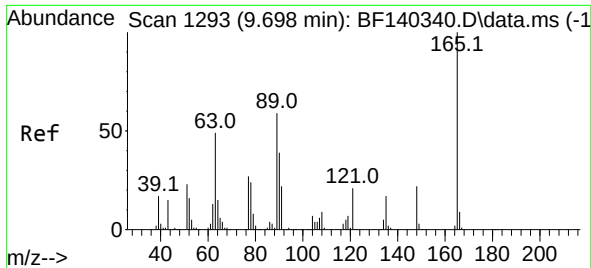
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.1 8.2 12.4

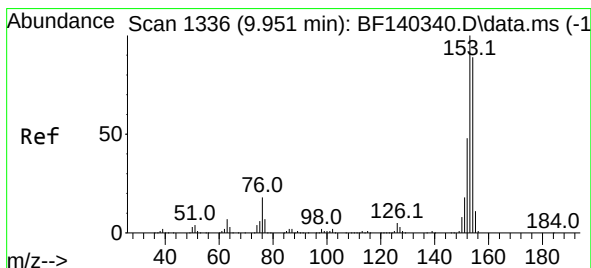
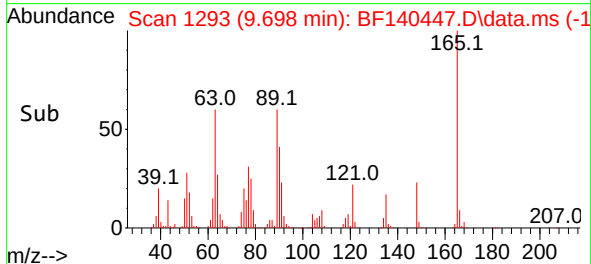
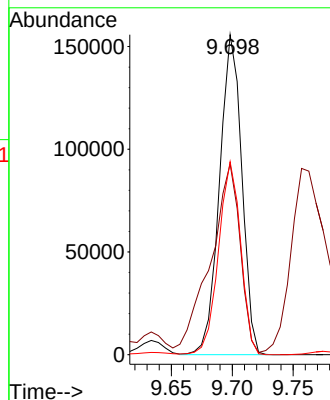
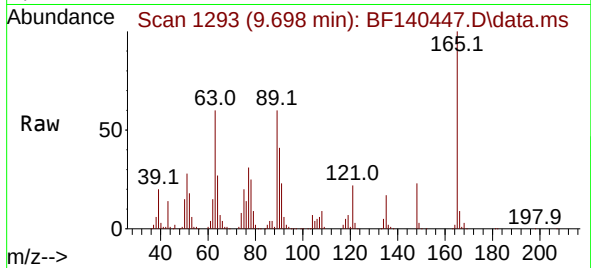




#51
2,6-Dinitrotoluene
Concen: 43.232 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

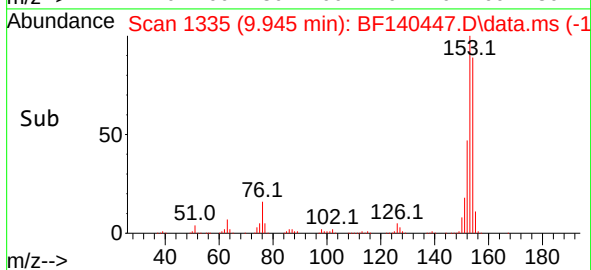
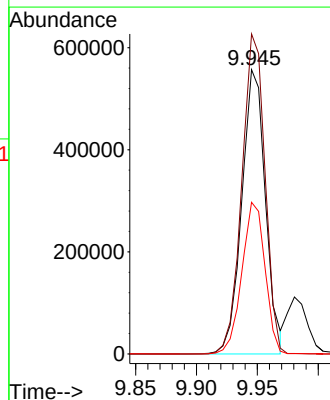
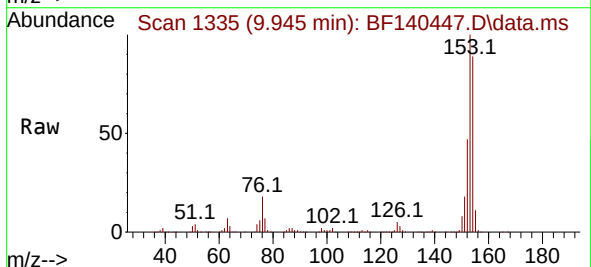
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

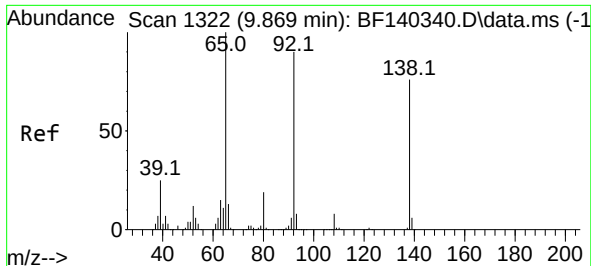
Tgt Ion:165 Resp: 198478
Ion Ratio Lower Upper
165 100
63 59.6 47.6 71.4
89 60.3 48.1 72.1



#52
Acenaphthene
Concen: 43.049 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:154 Resp: 753229
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.8
152 53.3 42.6 64.0

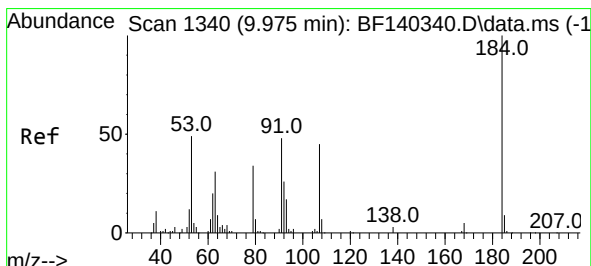
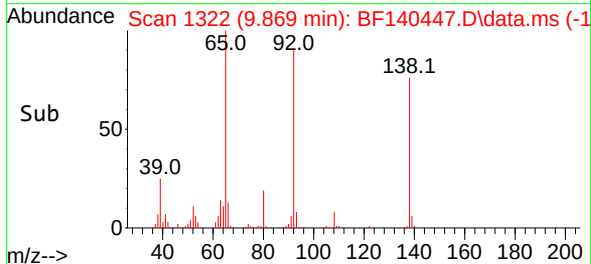
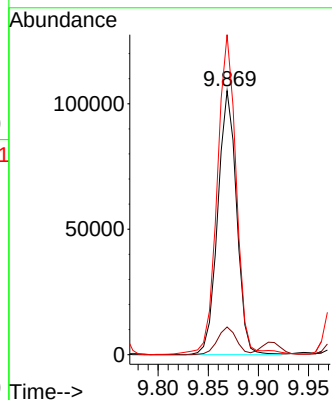
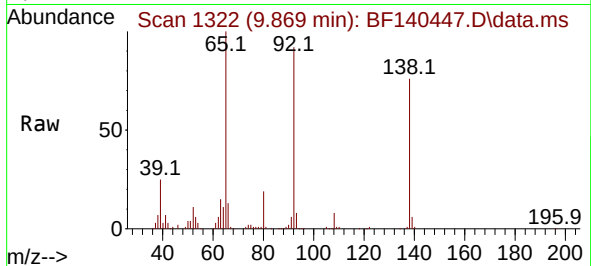




#53
3-Nitroaniline
Concen: 28.436 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

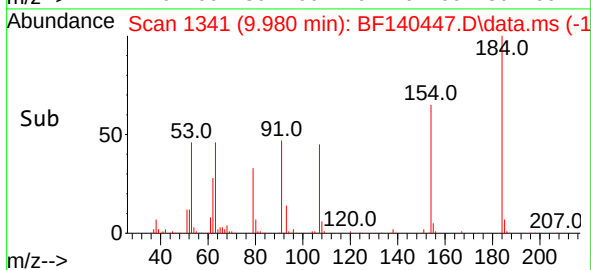
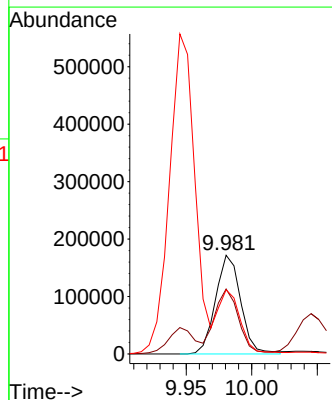
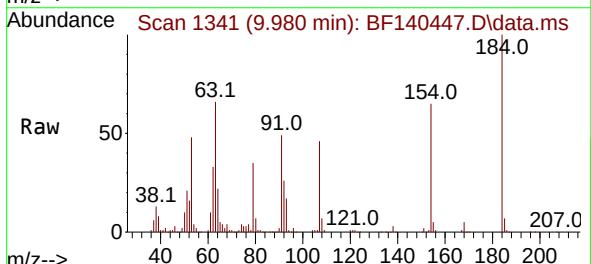
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

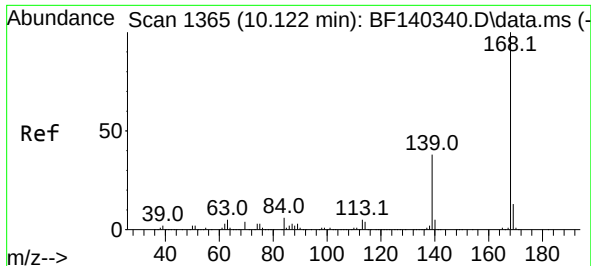
Tgt Ion:138 Resp: 137100
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 121.2 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 97.040 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:184 Resp: 229743
Ion Ratio Lower Upper
184 100
63 65.9 53.5 80.3
154 64.9 51.3 76.9

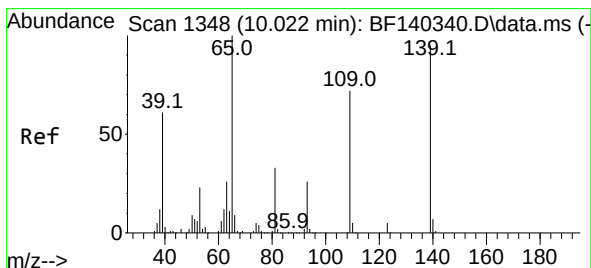
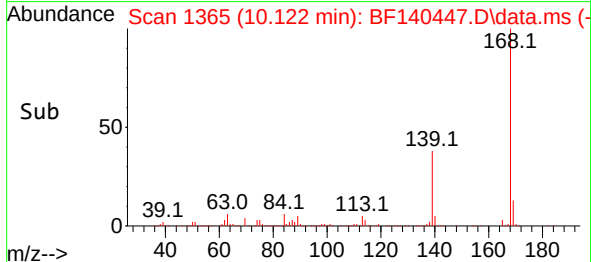
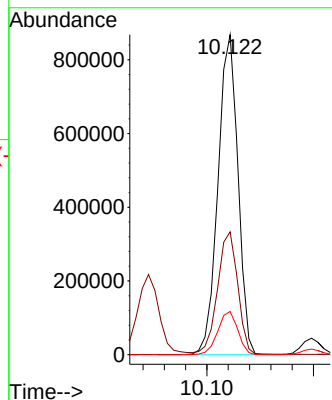
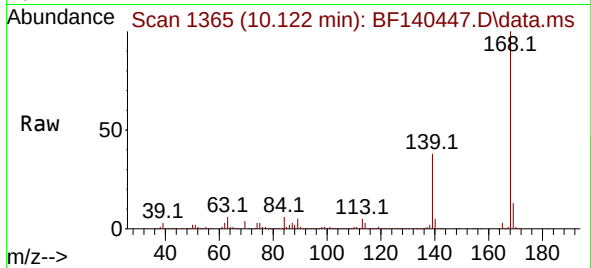




#55
Dibenzofuran
Concen: 45.395 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

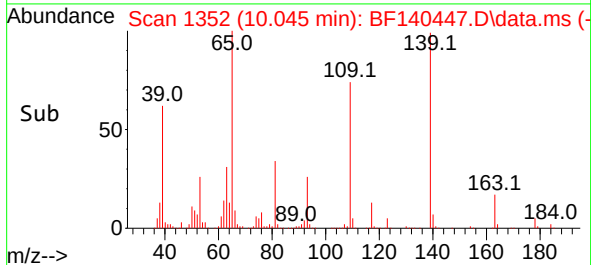
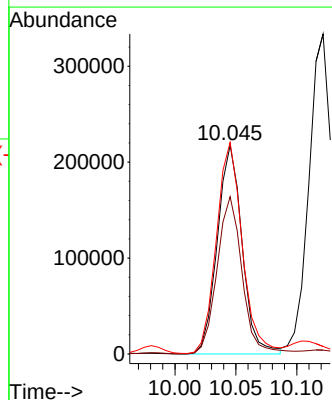
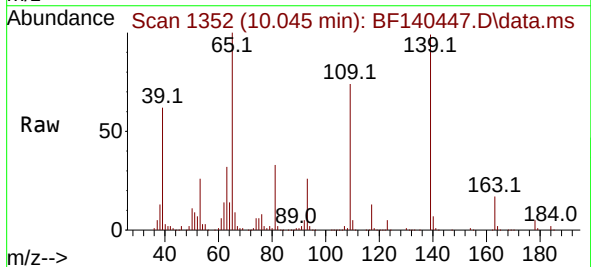
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

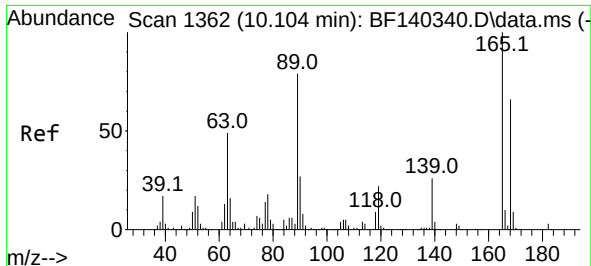
Tgt Ion:168 Resp: 1124399
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 87.657 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:139 Resp: 308272
Ion Ratio Lower Upper
139 100
109 75.4 54.5 94.5
65 101.4 84.4 124.4



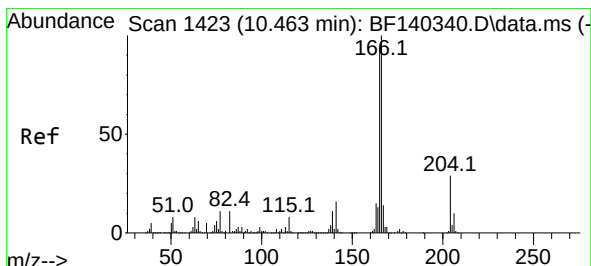
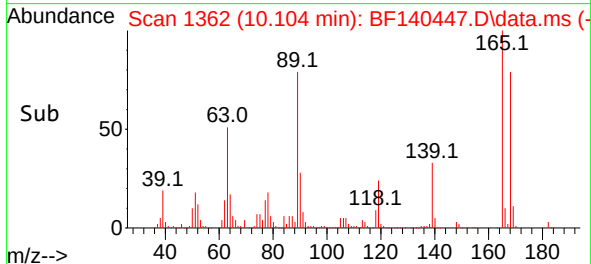
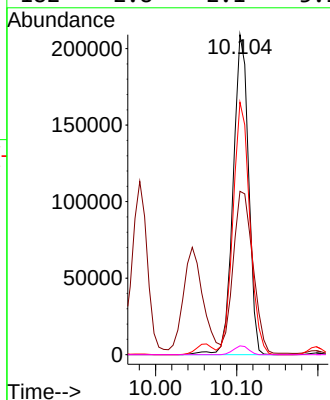
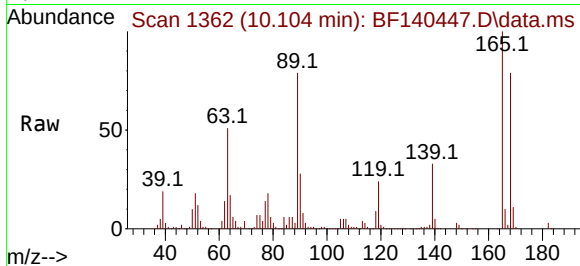


#57
2,4-Dinitrotoluene
Concen: 45.603 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion:165 Resp: 275544

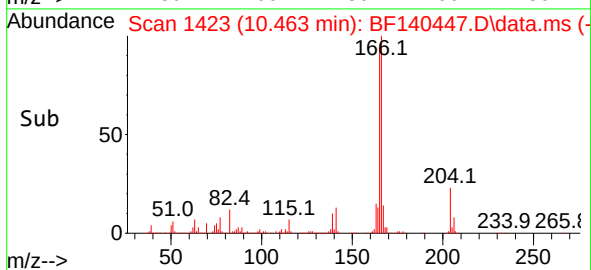
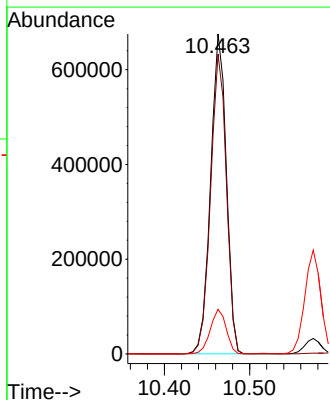
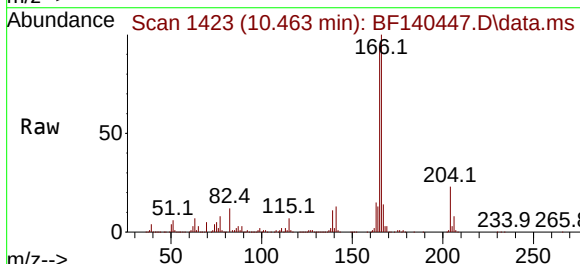
Ion	Ratio	Lower	Upper
165	100		
63	51.1	39.4	59.0
89	78.9	62.4	93.6
182	2.8	2.1	3.1

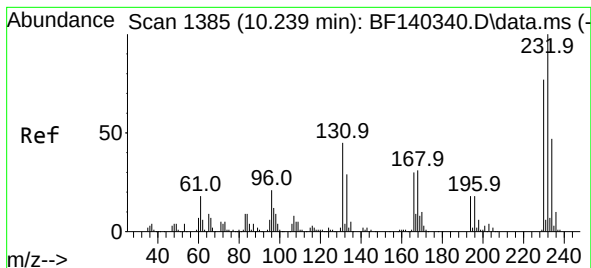


#58
Fluorene
Concen: 44.370 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:166 Resp: 868200

Ion	Ratio	Lower	Upper
166	100		
165	93.7	73.9	110.9
167	14.0	10.9	16.3



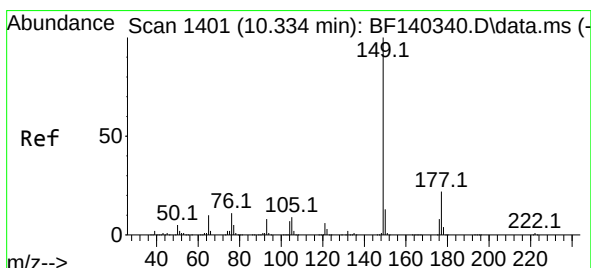
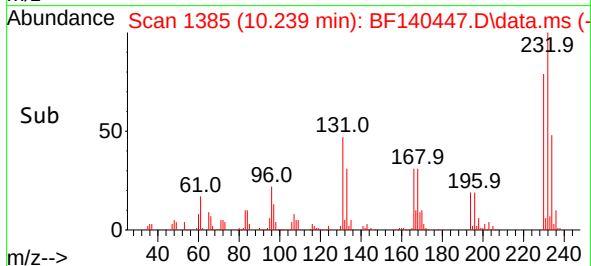
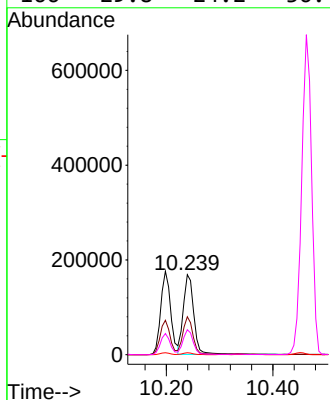
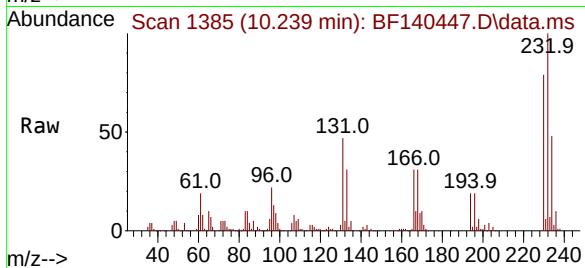


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.652 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion:232 Resp: 230652

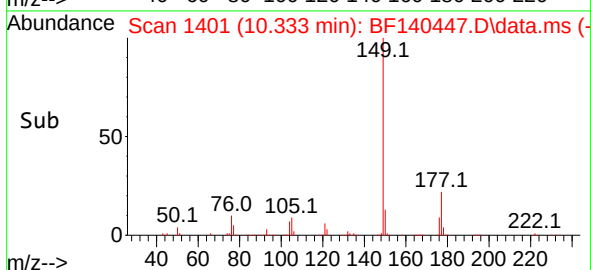
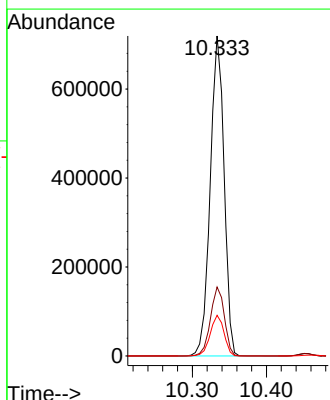
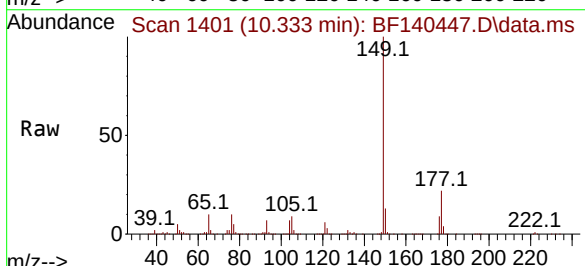
Ion	Ratio	Lower	Upper
232	100		
131	46.6	36.8	55.2
130	2.5	1.9	2.9
166	29.8	24.2	36.4

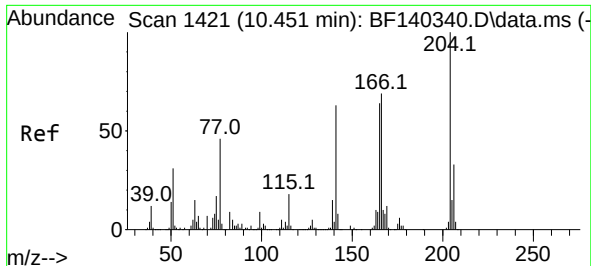


#60
Diethylphthalate
Concen: 45.341 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:149 Resp: 933678

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.7	10.1	15.1

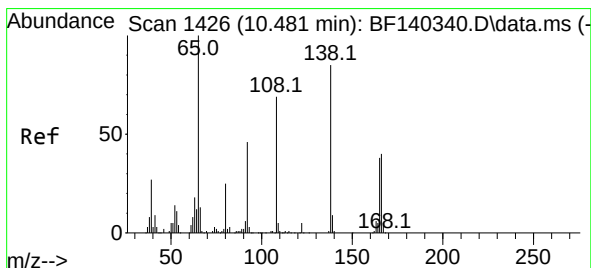
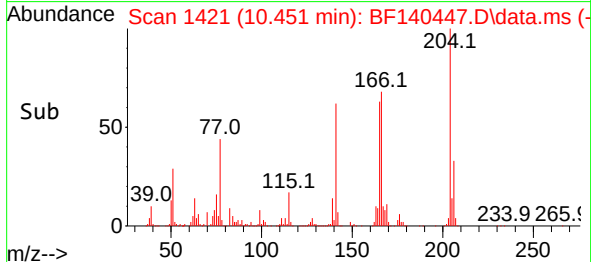
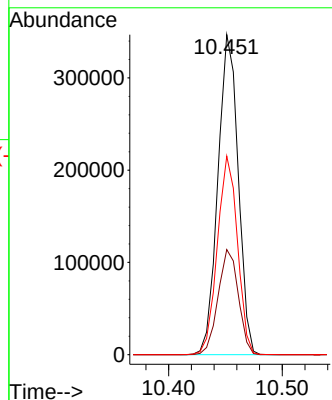
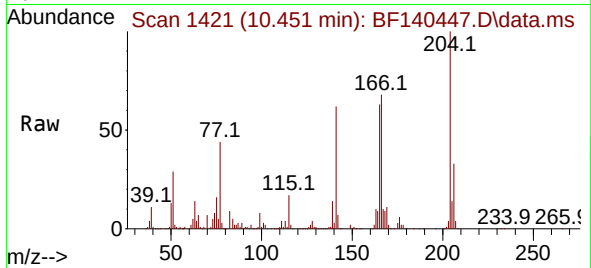




#61
4-Chlorophenyl-phenylether
Concen: 44.640 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

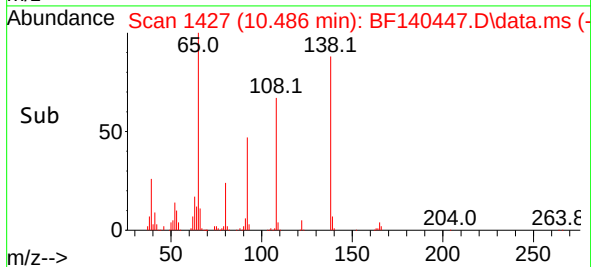
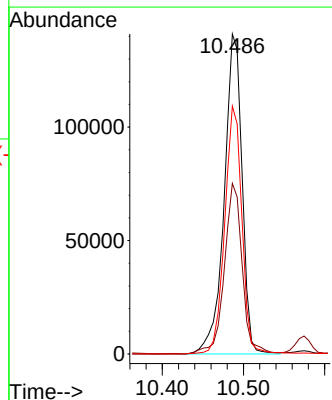
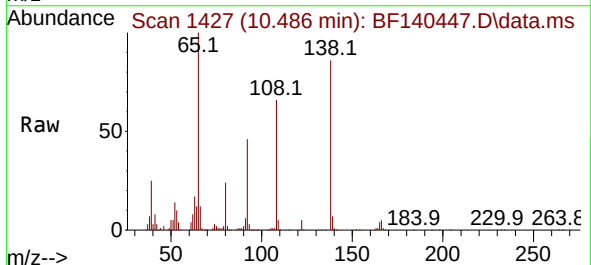
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

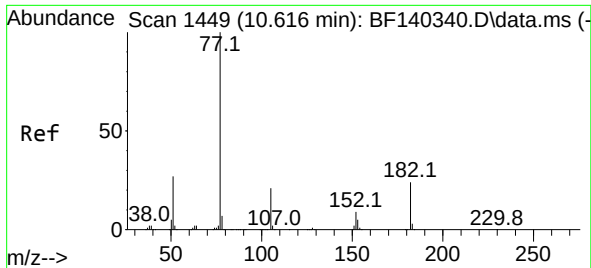
Tgt Ion:204 Resp: 431231
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 62.1 49.8 74.8



#62
4-Nitroaniline
Concen: 43.796 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:138 Resp: 215906
Ion Ratio Lower Upper
138 100
92 53.3 33.8 73.8
108 77.4 59.9 99.9

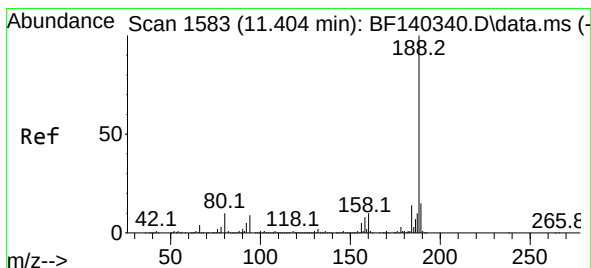
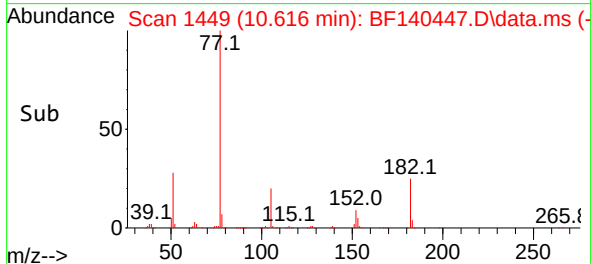
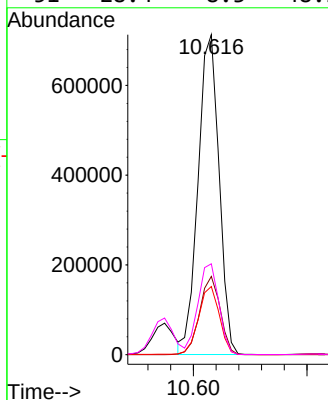
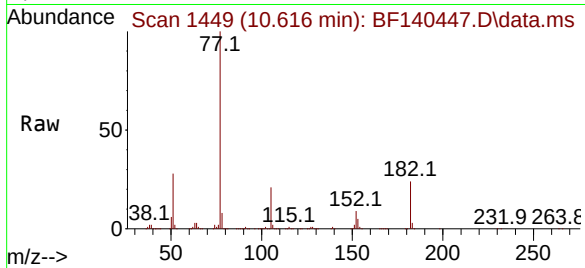




#63
Azobenzene
Concen: 44.959 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

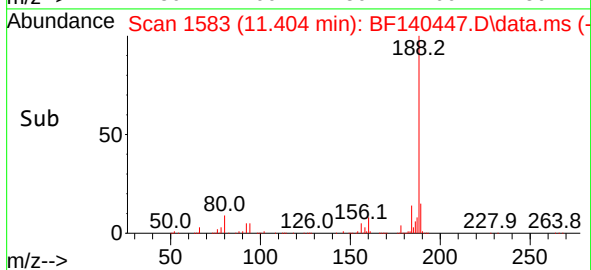
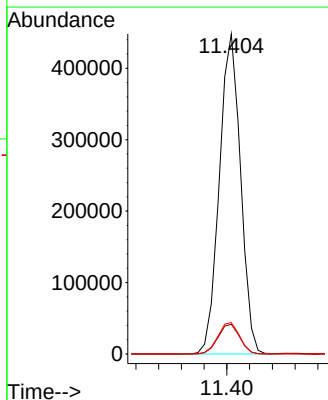
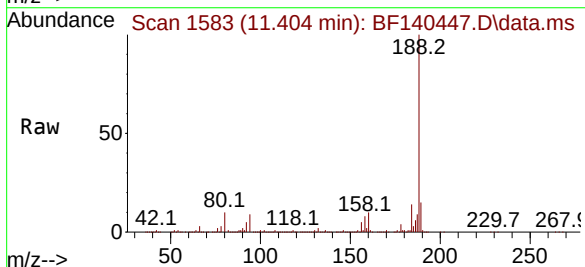
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

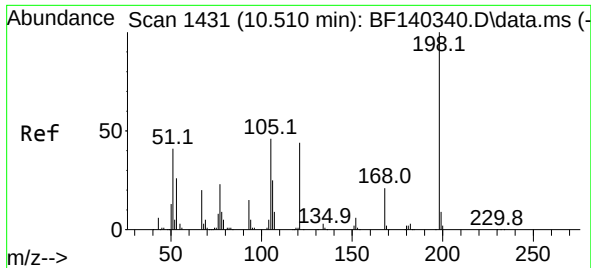
Tgt Ion: 77	Resp: 914747
Ion Ratio	Lower Upper
77 100	
182 24.5	4.6 44.6
105 21.3	0.9 40.9
51 28.4	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt	Ion:188	Resp:	581243
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.6	11.4
80	9.8	8.0	12.0

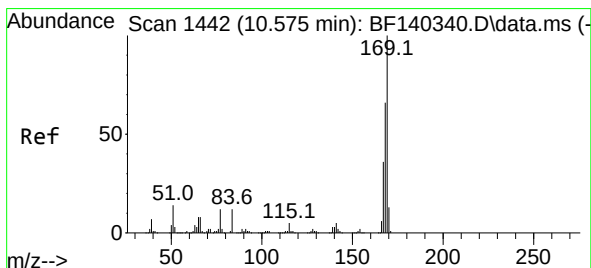
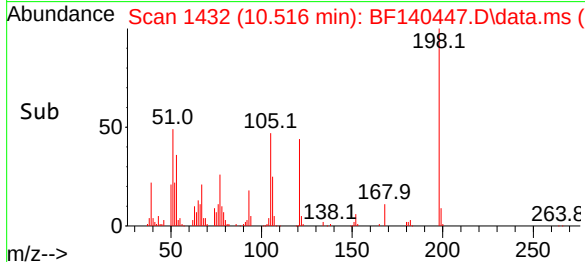
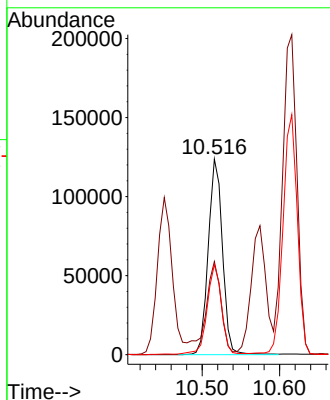
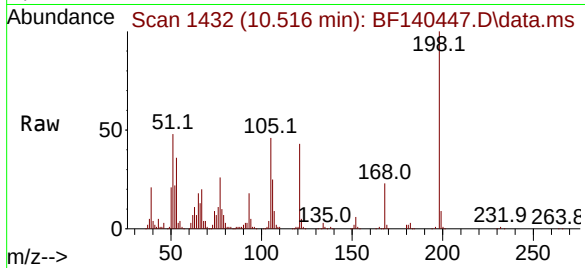




#65
4,6-Dinitro-2-methylphenol
Concen: 50.403 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

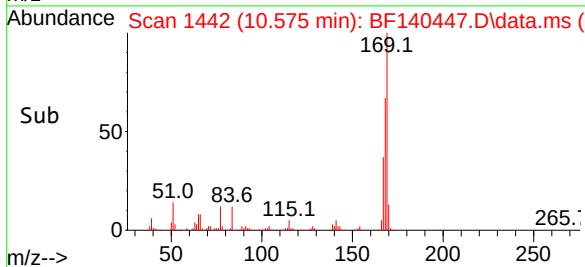
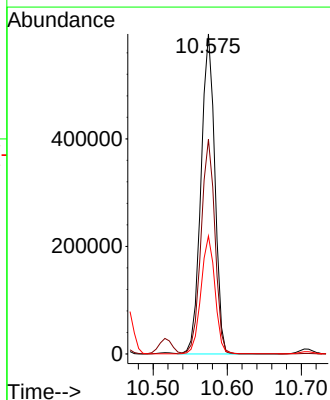
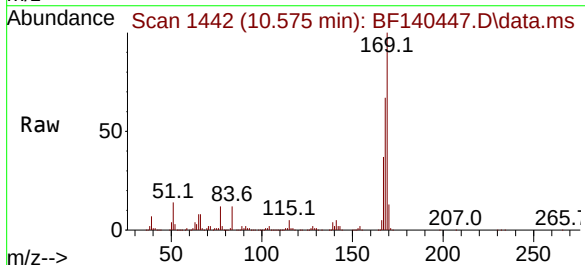
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

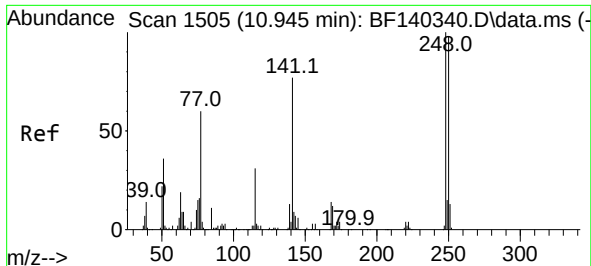
Tgt Ion:198 Resp: 157620
Ion Ratio Lower Upper
198 100
51 47.6 29.7 69.7
105 46.1 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 45.910 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:169 Resp: 771009
Ion Ratio Lower Upper
169 100
168 67.1 52.7 79.1
167 36.8 29.3 43.9

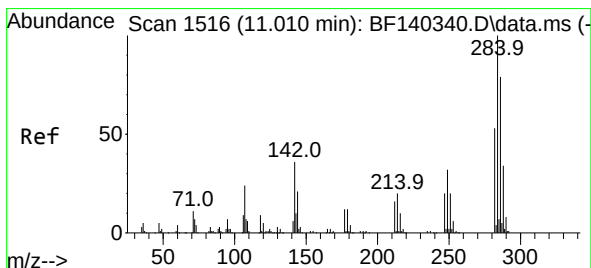
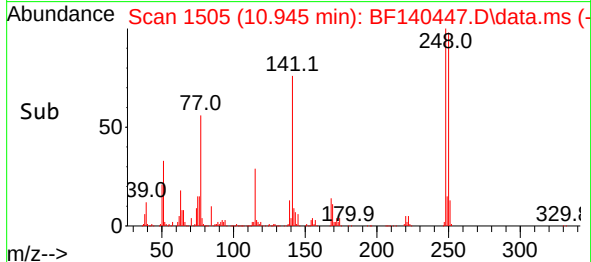
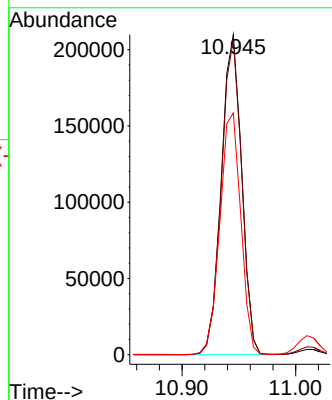
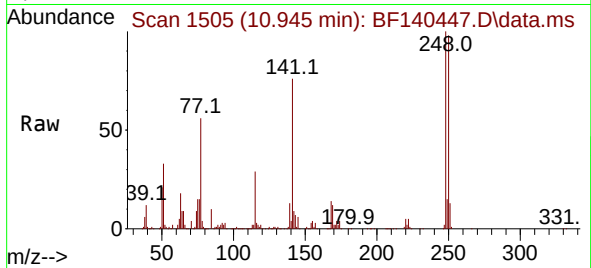




#67
4-Bromophenyl-phenylether
Concen: 45.091 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

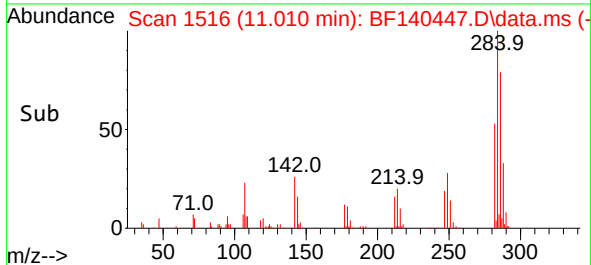
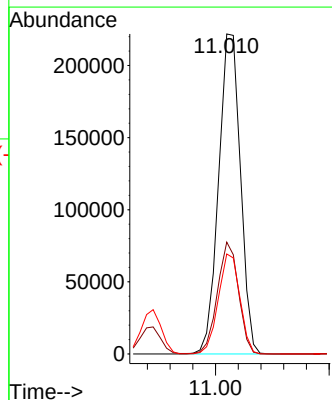
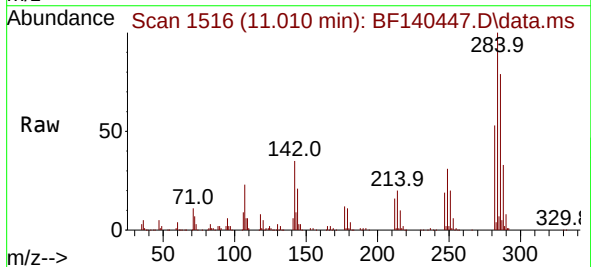
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

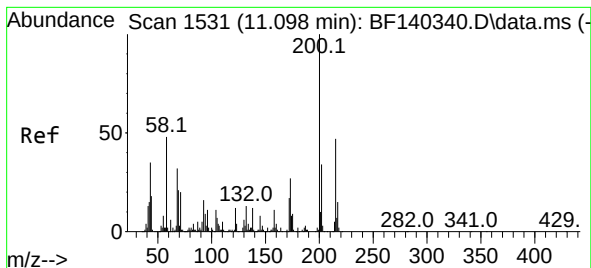
Tgt Ion:248 Resp: 261987
Ion Ratio Lower Upper
248 100
250 98.4 77.9 116.9
141 75.5 61.8 92.6



#68
Hexachlorobenzene
Concen: 45.430 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:284 Resp: 296988
Ion Ratio Lower Upper
284 100
142 35.0 28.1 42.1
249 31.3 24.9 37.3





#69

Atrazine

Concen: 51.512 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

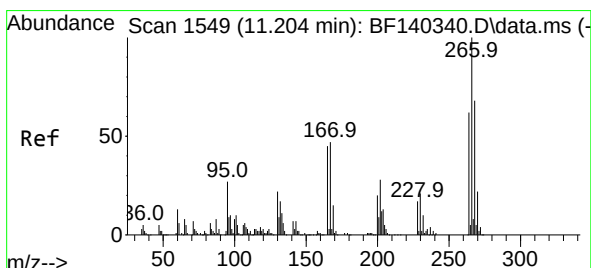
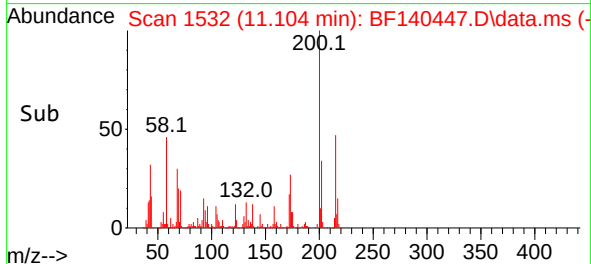
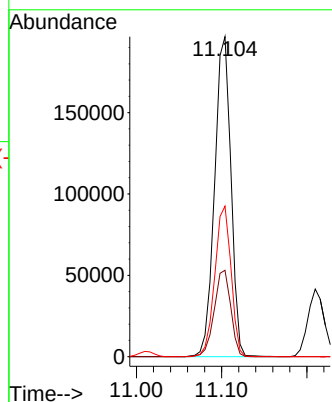
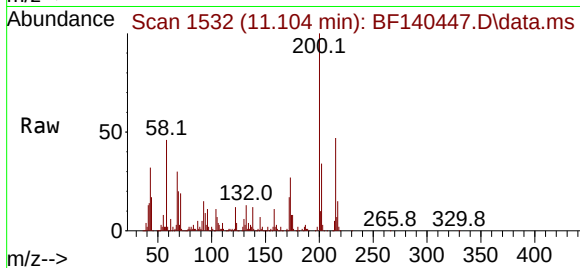
Tgt Ion:200 Resp: 261734

Ion Ratio Lower Upper

200 100

173 27.0 6.6 46.6

215 47.1 27.2 67.2



#70

Pentachlorophenol

Concen: 87.661 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

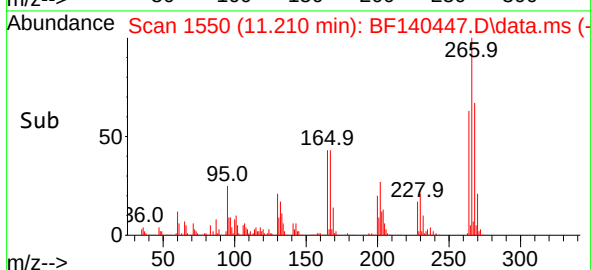
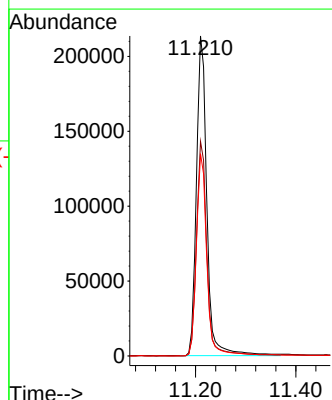
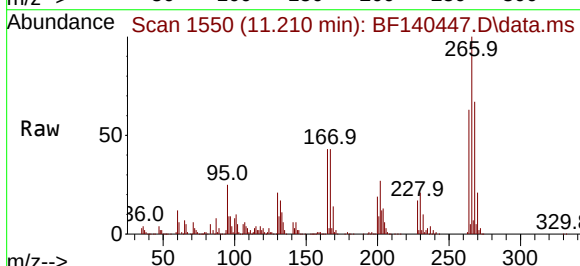
Tgt Ion:266 Resp: 308690

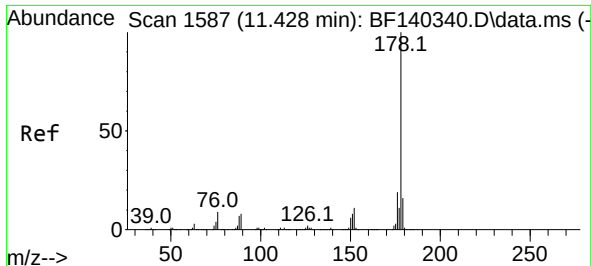
Ion Ratio Lower Upper

266 100

268 67.1 52.9 79.3

264 63.2 50.3 75.5

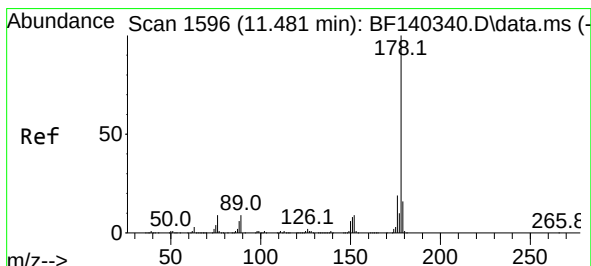
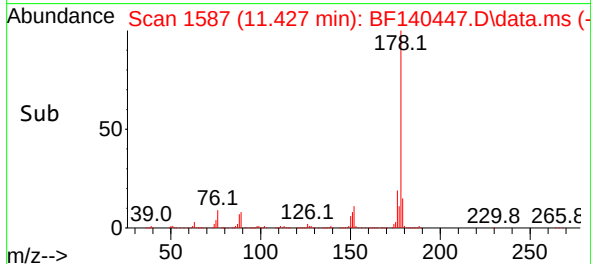
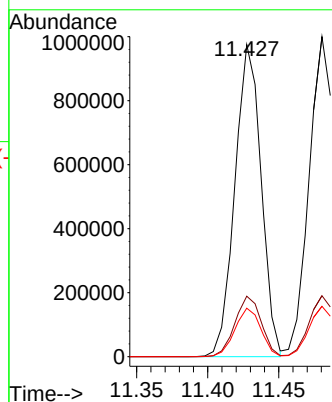
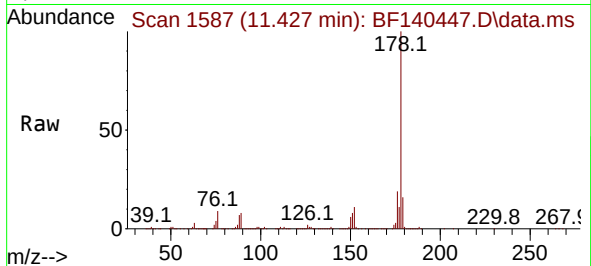




#71
Phenanthrene
Concen: 45.902 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

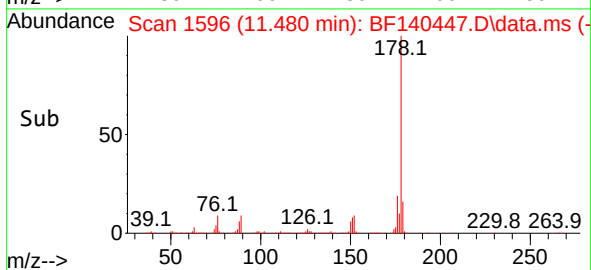
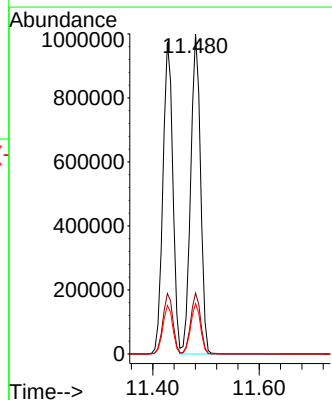
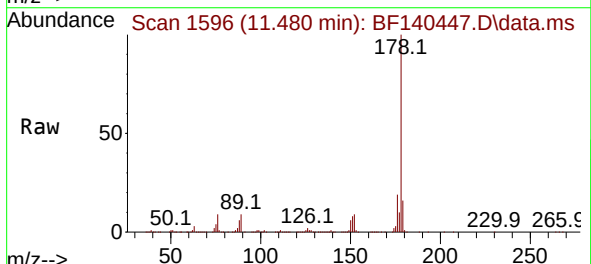
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

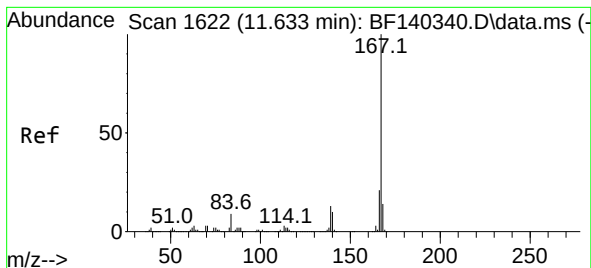
Tgt Ion:178 Resp: 1253307
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.6 12.4 18.6



#72
Anthracene
Concen: 47.849 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:178 Resp: 1280432
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.7 12.6 18.8





#73

Carbazole

Concen: 44.721 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

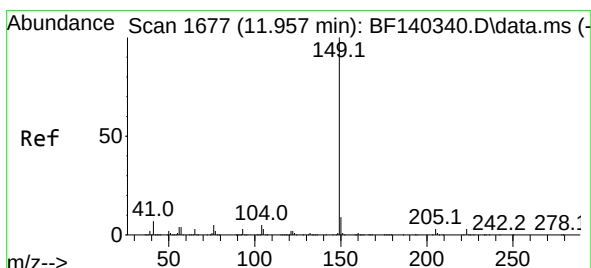
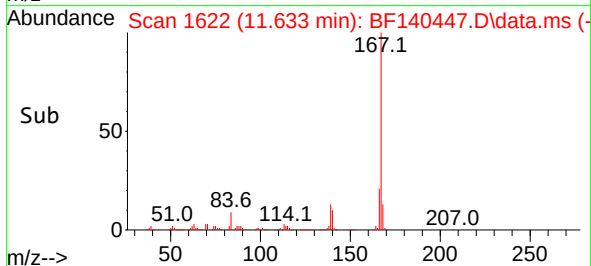
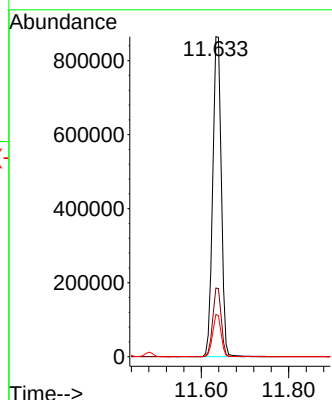
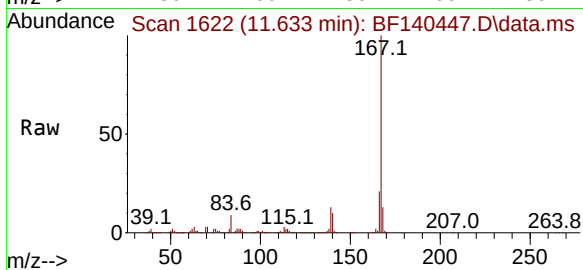
Tgt Ion:167 Resp: 1181642

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.2 10.4 15.6



#74

Di-n-butylphthalate

Concen: 46.118 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

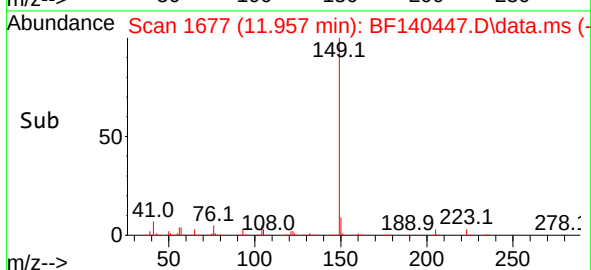
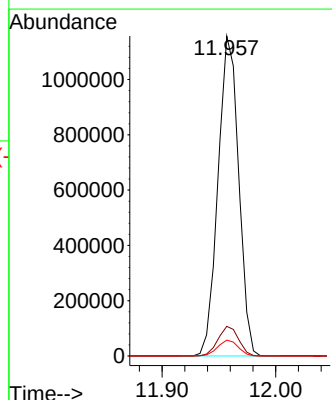
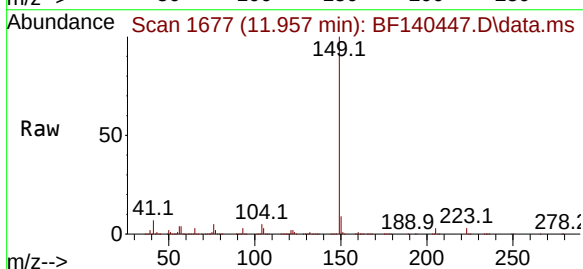
Tgt Ion:149 Resp: 1462532

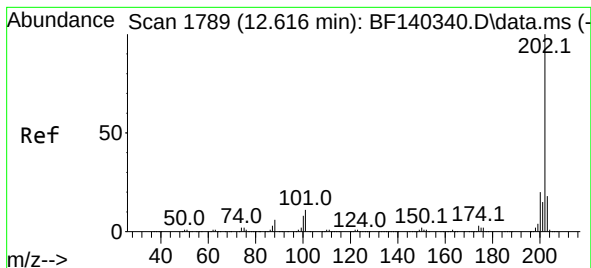
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 44.406 ng

RT: 12.621 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

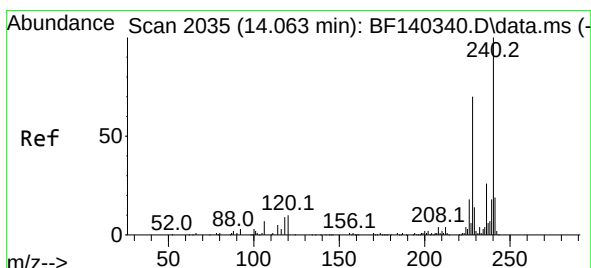
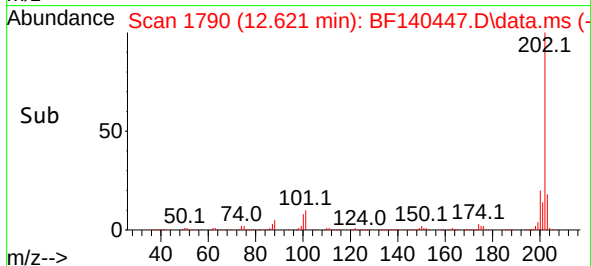
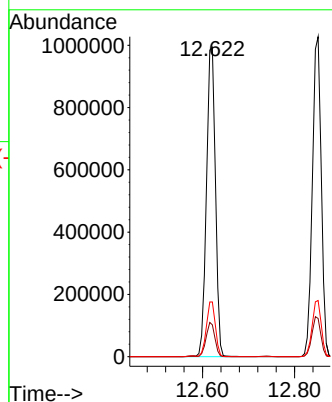
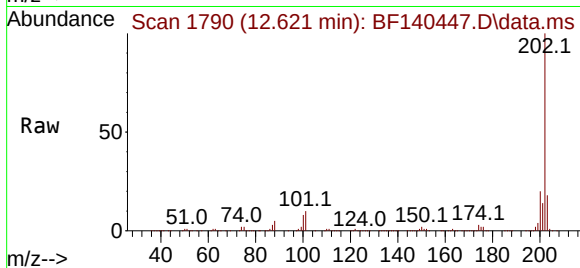
Tgt Ion:202 Resp: 1360302

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.7

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

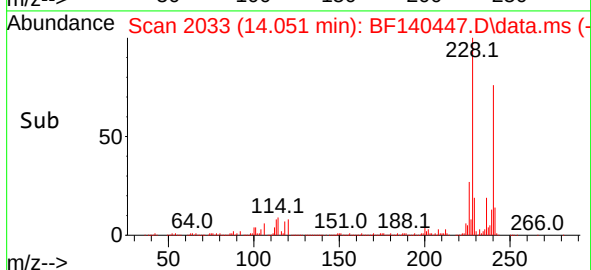
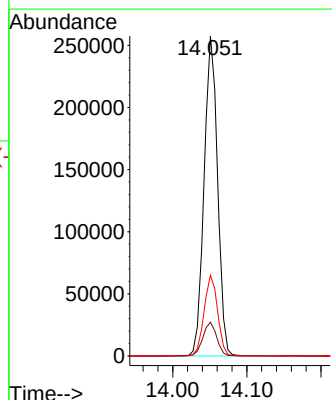
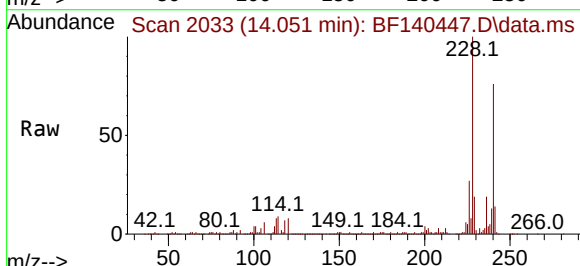
Tgt Ion:240 Resp: 325114

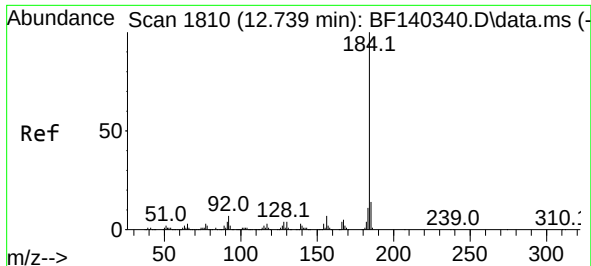
Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 25.3 20.9 31.3

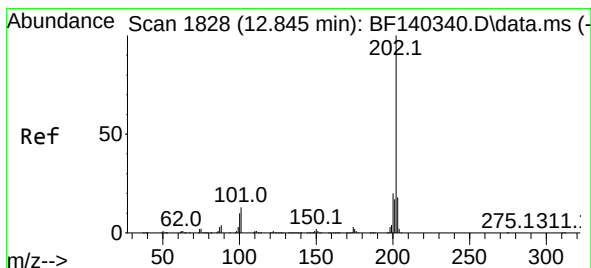
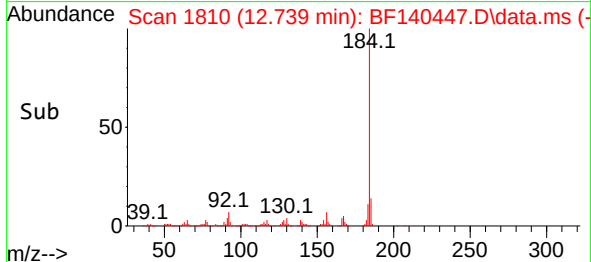
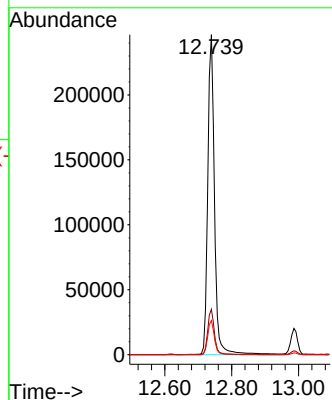
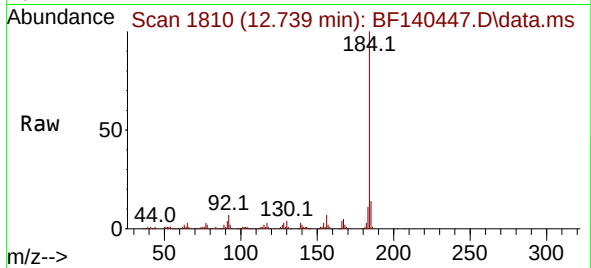




#77
Benzidine
Concen: 27.581 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

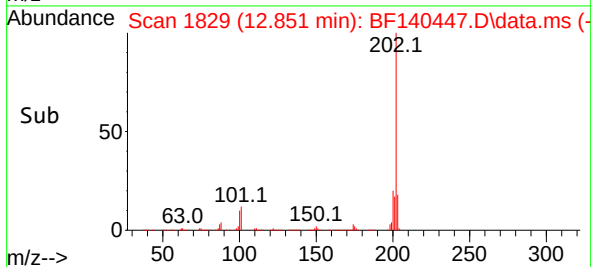
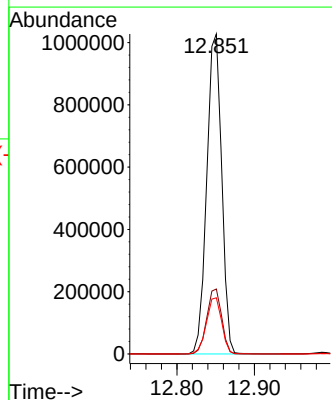
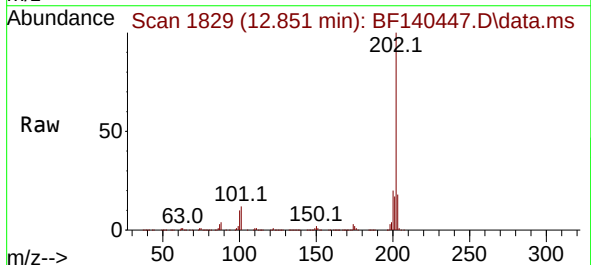
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

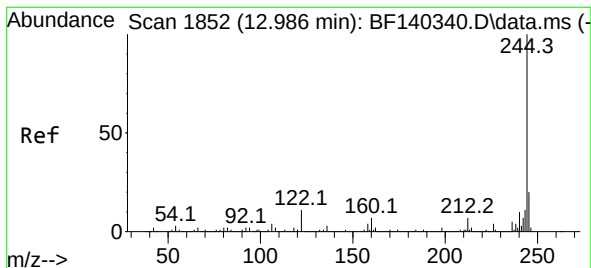
Tgt Ion:184 Resp: 344154
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 10.7 8.6 13.0



#78
Pyrene
Concen: 49.302 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:202 Resp: 1371060
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 99.722 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

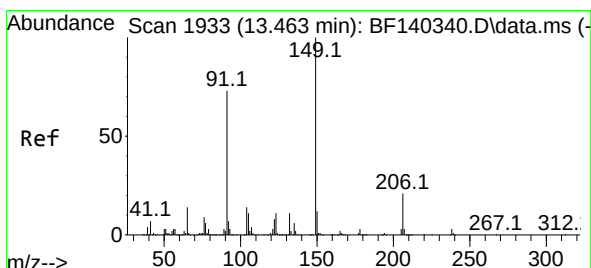
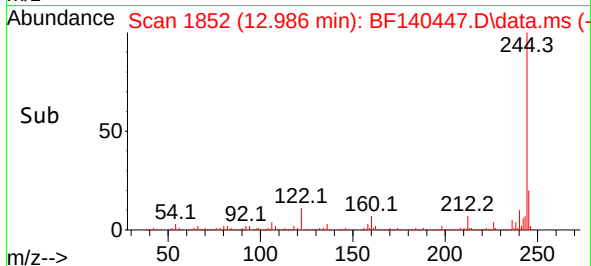
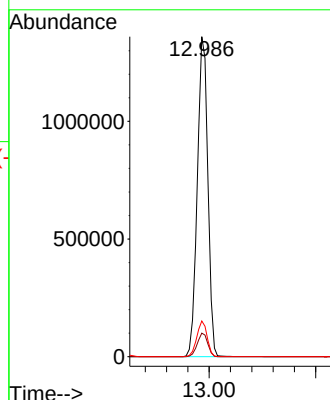
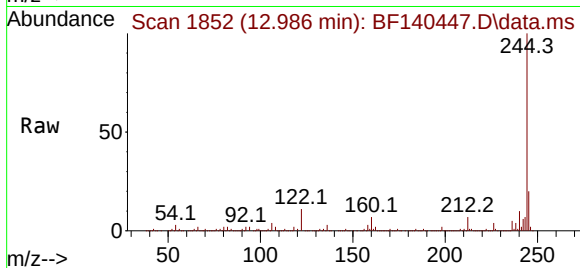
Tgt Ion:244 Resp: 1867800

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 11.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 51.601 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

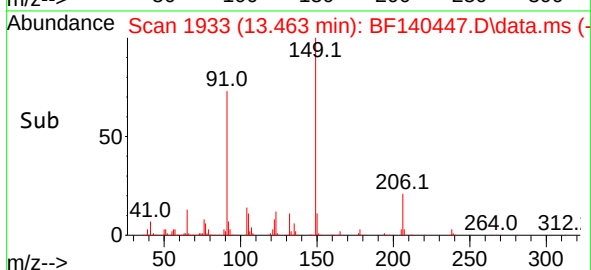
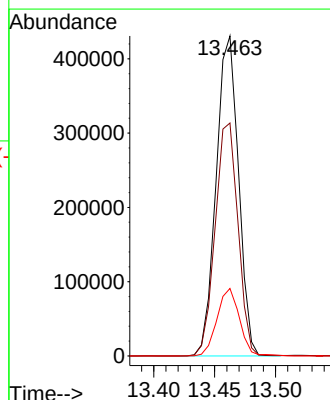
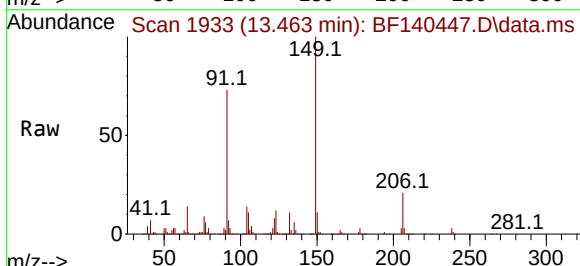
Tgt Ion:149 Resp: 551247

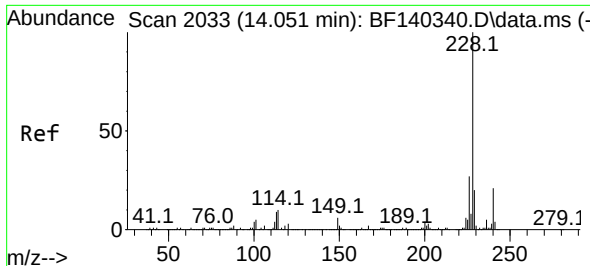
Ion Ratio Lower Upper

149 100

91 72.8 61.0 91.4

206 21.1 16.1 24.1

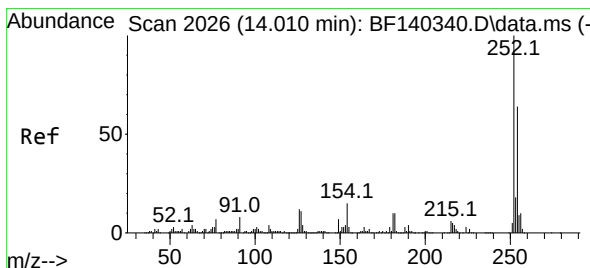
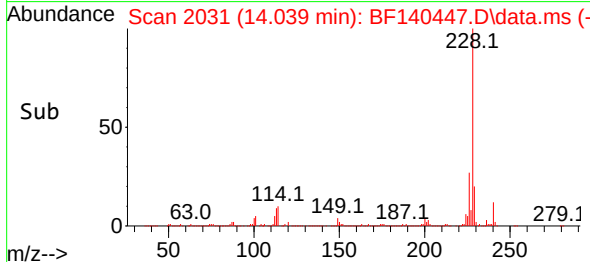
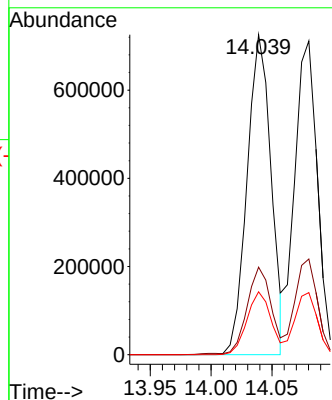
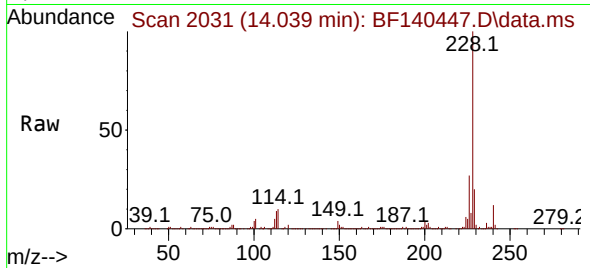




#81
Benzo(a)anthracene
Concen: 46.604 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

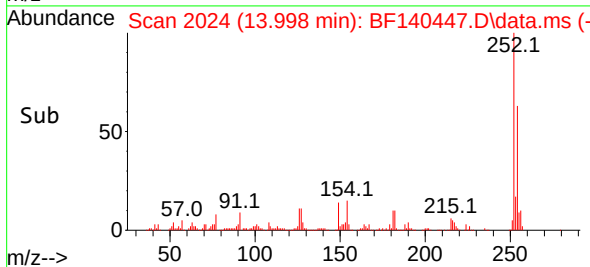
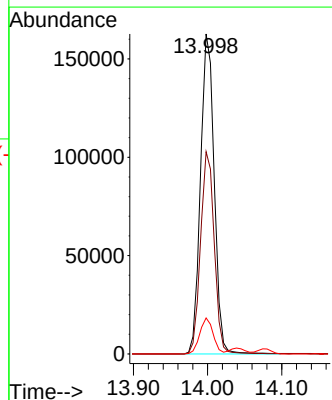
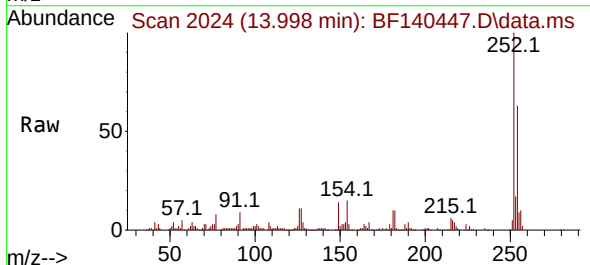
Instrument :
BNA_F
ClientSampleId :
PB164846BSD

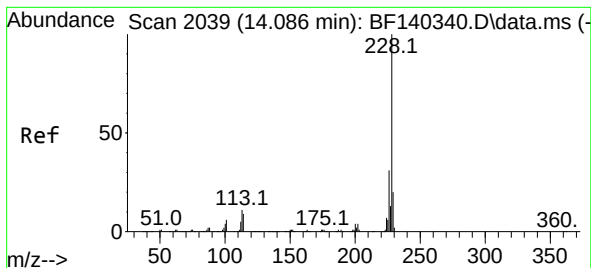
Tgt Ion:228 Resp: 995805
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.794 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:252 Resp: 209137
Ion Ratio Lower Upper
252 100
254 63.2 51.4 77.2
126 11.3 9.4 14.0





#83

Chrysene

Concen: 47.379 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

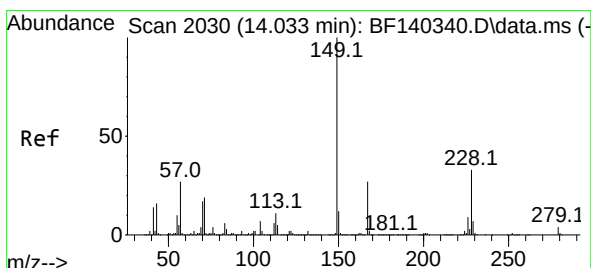
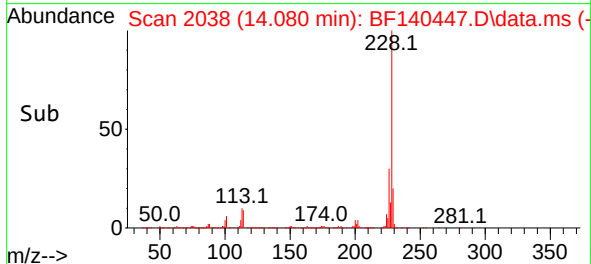
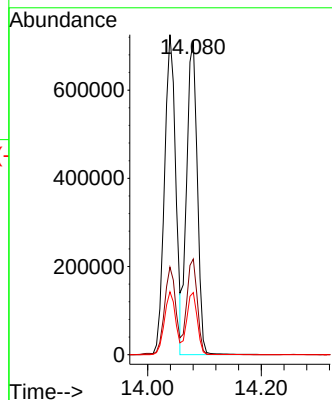
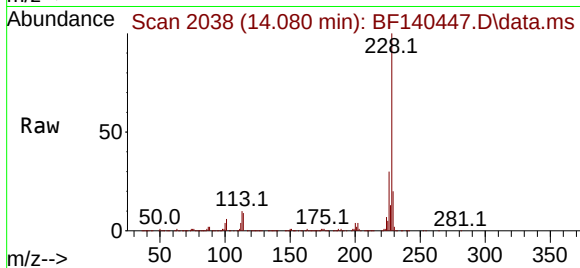
Tgt Ion:228 Resp: 923689

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.176 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

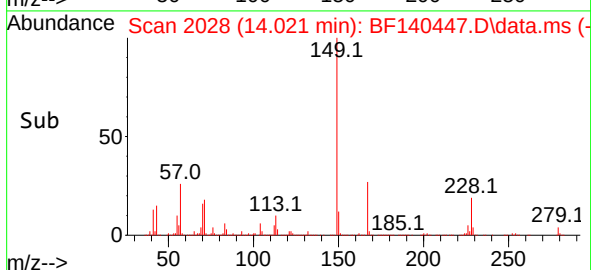
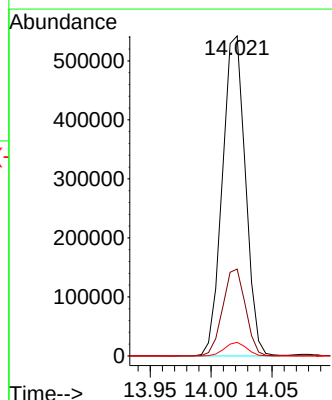
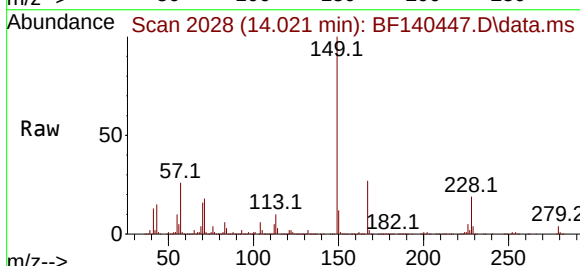
Tgt Ion:149 Resp: 715477

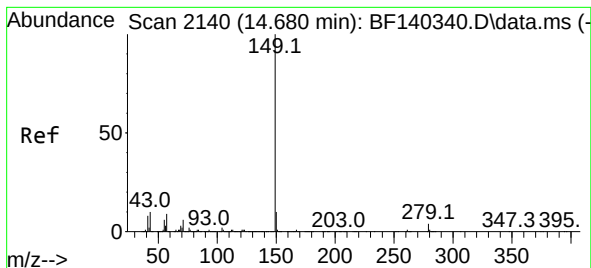
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.915 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

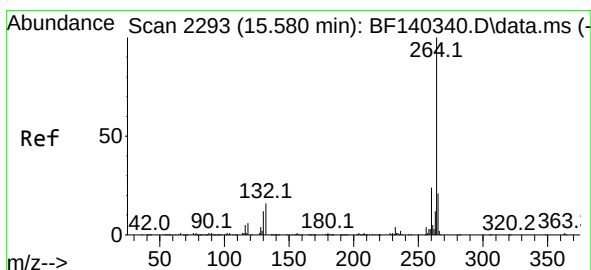
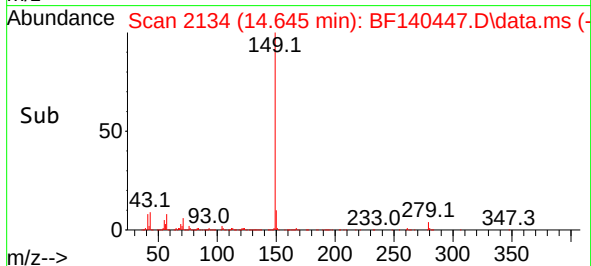
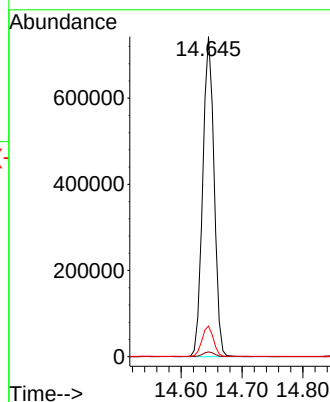
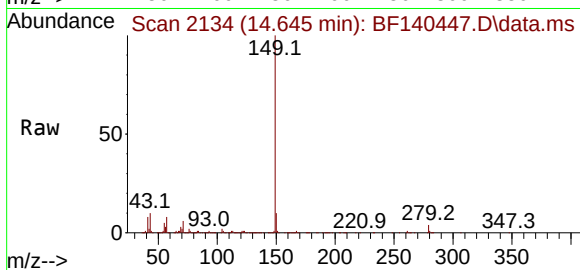
Tgt Ion:149 Resp: 962272

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. -0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

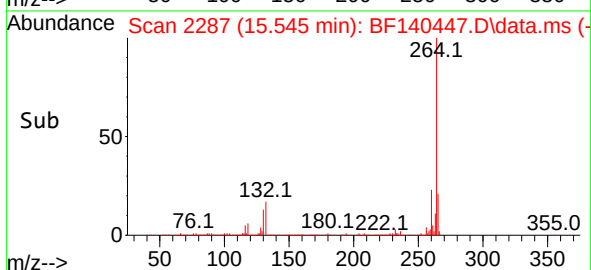
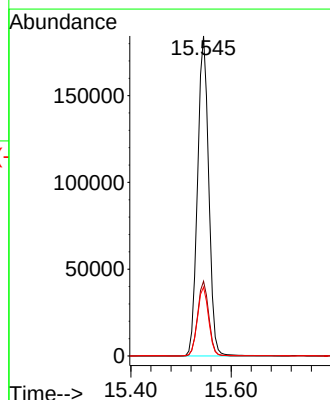
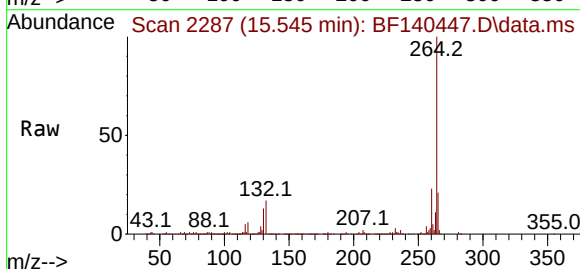
Tgt Ion:264 Resp: 284093

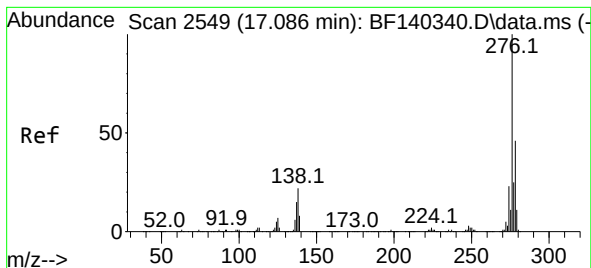
Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.963 ng

RT: 17.057 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

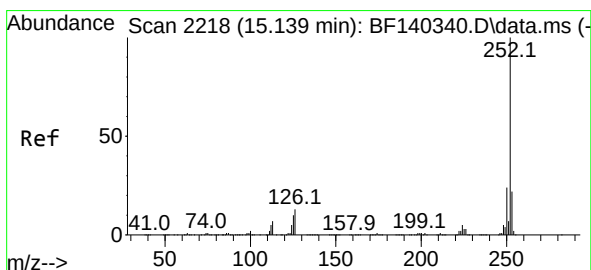
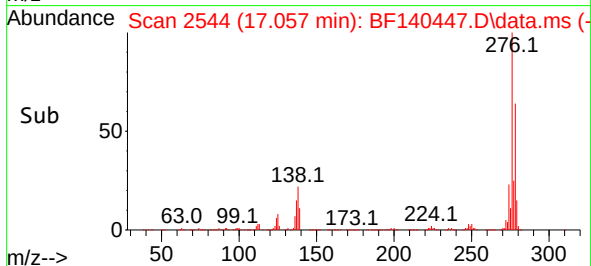
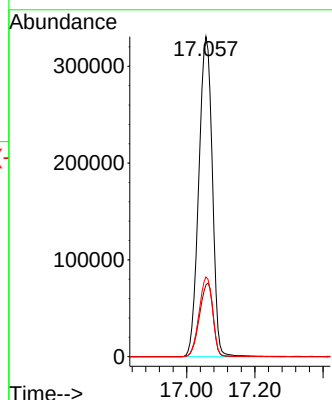
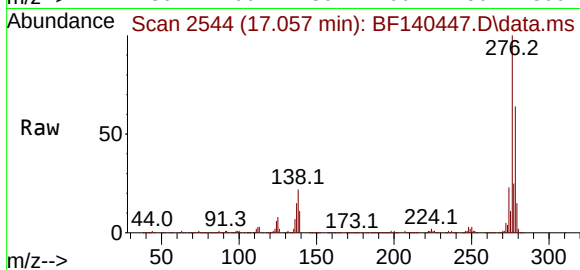
Tgt Ion:276 Resp: 911905

Ion Ratio Lower Upper

276 100

138 23.2 18.8 28.2

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 40.237 ng

RT: 15.110 min Scan# 2213

Delta R.T. -0.006 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

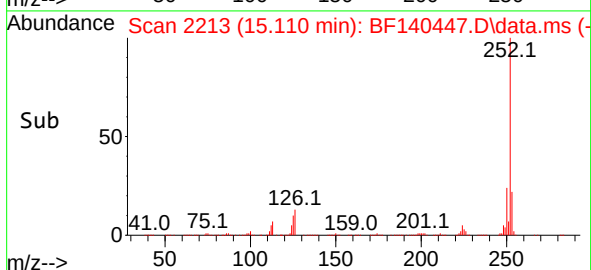
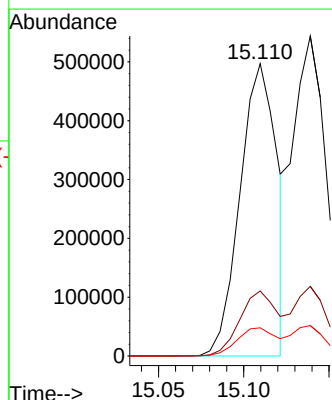
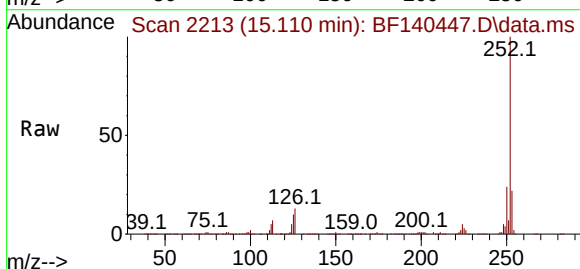
Tgt Ion:252 Resp: 747769

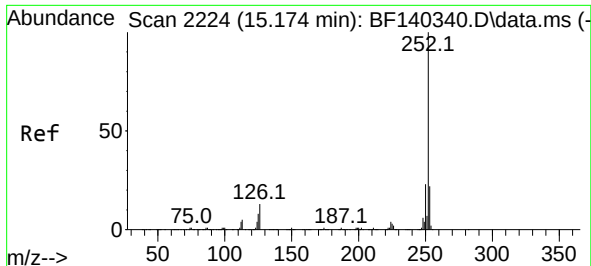
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 9.7 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.166 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

Instrument :

BNA_F

ClientSampleId :

PB164846BSD

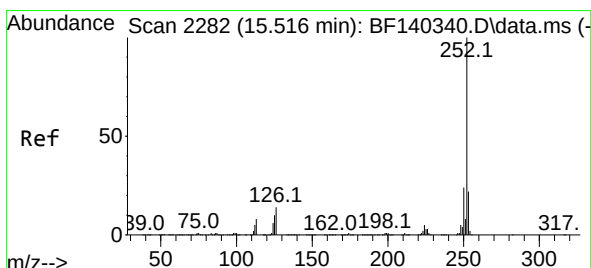
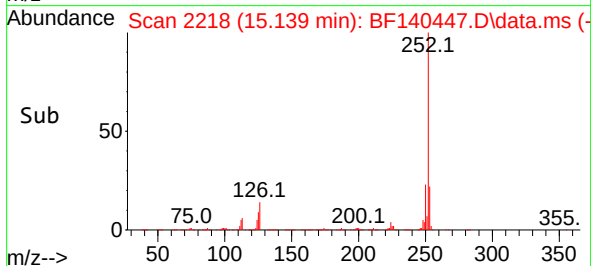
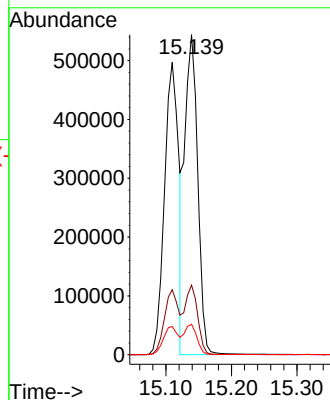
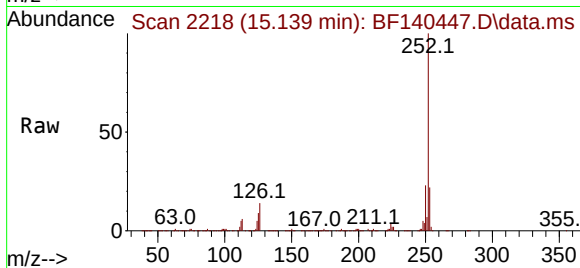
Tgt Ion:252 Resp: 746427

Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 49.889 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.012 min

Lab File: BF140447.D

Acq: 18 Nov 2024 11:58

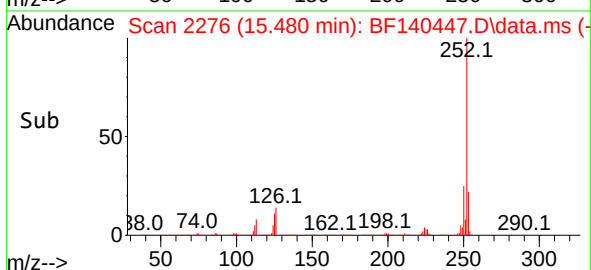
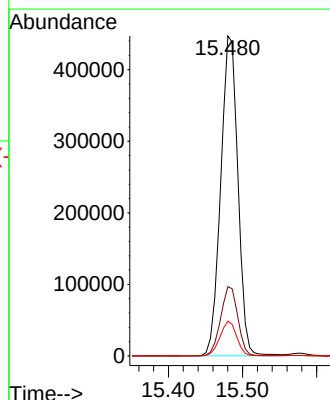
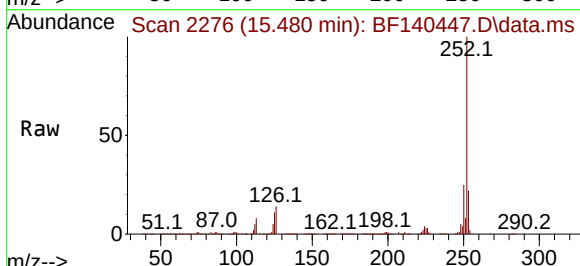
Tgt Ion:252 Resp: 719976

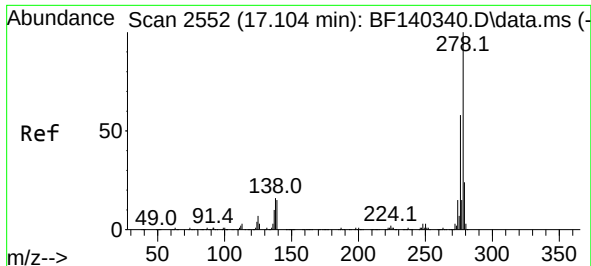
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.9 8.4 12.6

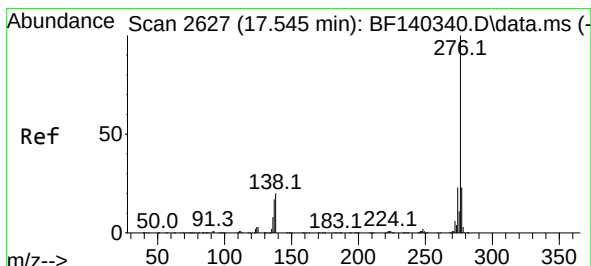
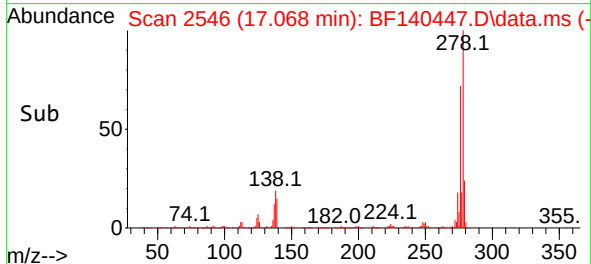
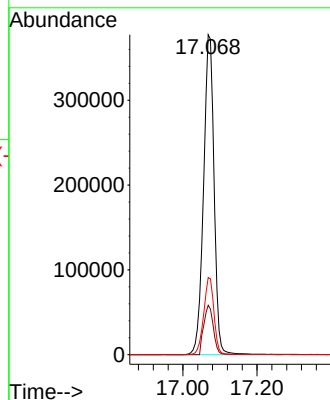
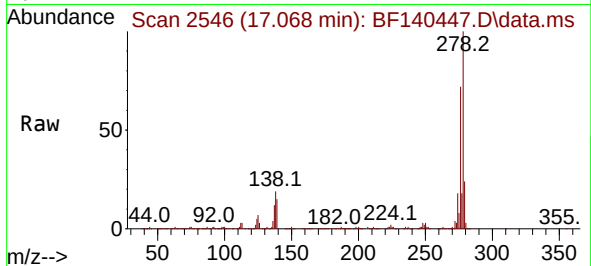




#91
Dibenzo(a,h)anthracene
Concen: 51.284 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Instrument :
BNA_F
ClientSampleId :
PB164846BSD

Tgt Ion:278 Resp: 743925
Ion Ratio Lower Upper
278 100
139 15.5 11.8 17.8
279 24.1 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 46.772 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF140447.D
Acq: 18 Nov 2024 11:58

Tgt Ion:276 Resp: 693632
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 20.8 16.0 24.0

