

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111824\
 Data File : BF140445.D
 Acq On : 18 Nov 2024 11:05
 Operator : RC/JU
 Sample : PB165029BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165029BS

Quant Time: Nov 18 11:37:26 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	142797	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	543909	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	303339	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	568567	20.000	ng	0.00
76) Chrysene-d12	14.057	240	301677	20.000	ng	0.00
86) Perylene-d12	15.551	264	262350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1000875	119.672	ng	0.02
7) Phenol-d6	6.516	99	1300633	114.784	ng	0.01
23) Nitrobenzene-d5	7.440	82	860722	82.451	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	384780	127.560	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1602496	84.924	ng	0.00
79) Terphenyl-d14	12.986	244	1712516	98.535	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	137852	36.982	ng	98
3) Pyridine	3.493	79	354693	38.705	ng	99
4) n-Nitrosodimethylamine	3.446	42	187846	40.558	ng	99
6) Aniline	6.540	93	374120	37.954	ng	# 50
8) 2-Chlorophenol	6.663	128	405231	45.106	ng	98
9) Benzaldehyde	6.428	77	36468	5.370	ng	96
10) Phenol	6.534	94	499145	41.771	ng	# 73
11) bis(2-Chloroethyl)ether	6.610	93	393787	43.492	ng	100
12) 1,3-Dichlorobenzene	6.816	146	413257	41.691	ng	99
13) 1,4-Dichlorobenzene	6.893	146	417677	41.556	ng	99
14) 1,2-Dichlorobenzene	7.045	146	398765	42.737	ng	99
15) Benzyl Alcohol	7.016	79	369056	45.207	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	529036	42.301	ng	70
17) 2-Methylphenol	7.134	107	318180	43.053	ng	94
18) Hexachloroethane	7.387	117	158881	42.759	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	287998	42.083	ng	100
20) 3+4-Methylphenols	7.287	107	400760	43.360	ng	95
22) Acetophenone	7.281	105	529582	41.863	ng	99
24) Nitrobenzene	7.457	77	445374	40.977	ng	99
25) Isophorone	7.692	82	804333	43.474	ng	99
26) 2-Nitrophenol	7.775	139	214074	44.384	ng	98
27) 2,4-Dimethylphenol	7.810	122	326761	52.918	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	489908	43.184	ng	99
29) 2,4-Dichlorophenol	8.016	162	341063	44.692	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	355715	41.867	ng	98
31) Naphthalene	8.181	128	1168469	42.349	ng	100
32) Benzoic acid	7.939	122	218773	40.264	ng	95
33) 4-Chloroaniline	8.228	127	234759	24.465	ng	98
34) Hexachlorobutadiene	8.292	225	229108	42.323	ng	99
35) Caprolactam	8.598	113	73613	29.022	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	371125	43.883	ng	99
37) 2-Methylnaphthalene	8.869	142	765366	43.260	ng	100
38) 1-Methylnaphthalene	8.969	142	713542	41.186	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	360556	42.983	ng	98
41) Hexachlorocyclopentadiene	9.016	237	366390	170.119	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	243111	44.162	ng	99

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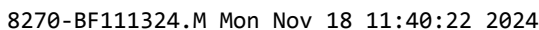
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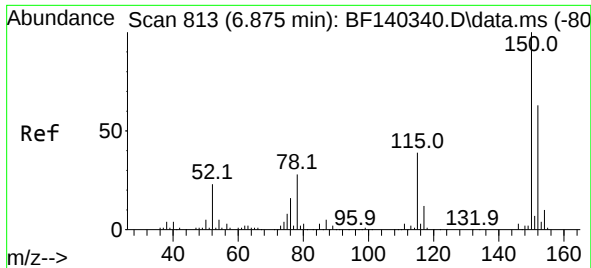
Quant Time: Nov 18 11:37:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	254080	42.215	ng	98
46) 1,1'-Biphenyl	9.334	154	953595	43.212	ng	99
47) 2-Chloronaphthalene	9.357	162	709256	42.191	ng	99
48) 2-Nitroaniline	9.457	65	246291	44.178	ng	98
49) Acenaphthylene	9.775	152	1176469	46.256	ng	100
50) Dimethylphthalate	9.633	163	883998	44.710	ng	99
51) 2,6-Dinitrotoluene	9.698	165	189531	42.048	ng	100
52) Acenaphthene	9.945	154	716507	41.709	ng	100
53) 3-Nitroaniline	9.869	138	130001	27.463	ng	98
54) 2,4-Dinitrophenol	9.981	184	198188	85.263	ng	99
55) Dibenzofuran	10.122	168	1070551	44.022	ng	100
56) 4-Nitrophenol	10.045	139	280804	81.325	ng	98
57) 2,4-Dinitrotoluene	10.104	165	263206	44.368	ng	100
58) Fluorene	10.463	166	833821	43.403	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	218568	45.992	ng	98
60) Diethylphthalate	10.333	149	885703	43.808	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	413629	43.611	ng	99
62) 4-Nitroaniline	10.486	138	199894	41.299	ng	99
63) Azobenzene	10.616	77	869372	43.520	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	139047	45.455	ng	98
66) n-Nitrosodiphenylamine	10.575	169	730437	44.463	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	249652	43.926	ng	98
68) Hexachlorobenzene	11.010	284	283562	44.343	ng	99
69) Atrazine	11.104	200	246446	49.585	ng	99
70) Pentachlorophenol	11.210	266	282690	82.067	ng	99
71) Phenanthrene	11.428	178	1183501	44.311	ng	100
72) Anthracene	11.480	178	1209578	46.209	ng	100
73) Carbazole	11.633	167	1099728	42.548	ng	99
74) Di-n-butylphthalate	11.957	149	1368135	44.103	ng	100
75) Fluoranthene	12.616	202	1255837	41.910	ng	99
77) Benzidine	12.739	184	313825	27.104	ng	100
78) Pyrene	12.851	202	1260459	48.846	ng	100
80) Butylbenzylphthalate	13.463	149	502582	50.700	ng	96
81) Benzo(a)anthracene	14.045	228	930920	46.952	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	177638	28.188	ng	100
83) Chrysene	14.080	228	816823	45.152	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	654935	49.499	ng	99
85) Di-n-octyl phthalate	14.657	149	849818	45.603	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	837971	51.707	ng	100
88) Benzo(b)fluoranthene	15.116	252	744683	43.392	ng	99
89) Benzo(k)fluoranthene	15.145	252	599133	42.735	ng	99
90) Benzo(a)pyrene	15.492	252	643530	48.287	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	681008	50.837	ng	99
92) Benzo(g,h,i)perylene	17.521	276	637219	46.529	ng	99

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

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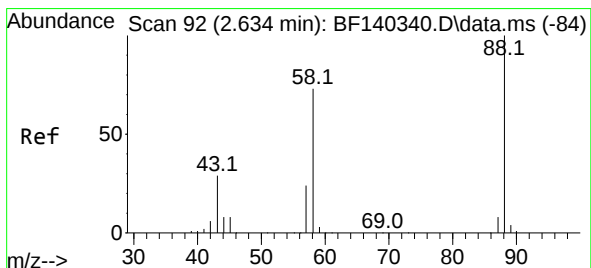
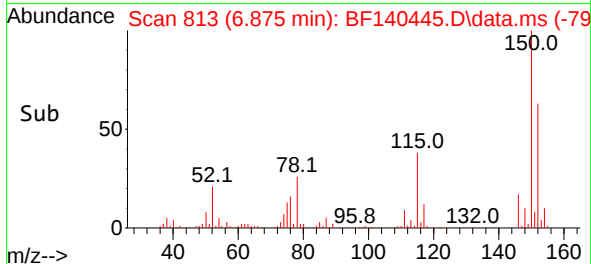
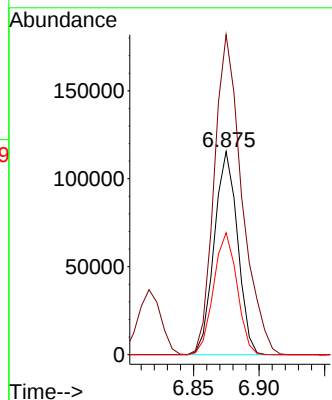
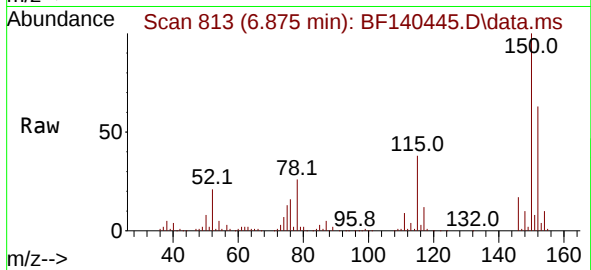




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

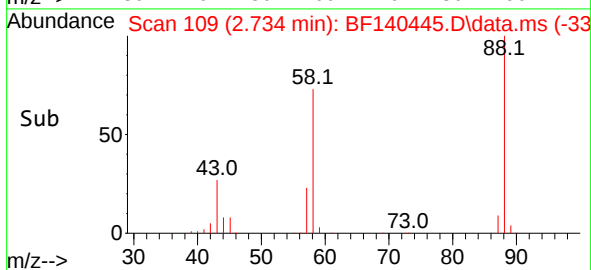
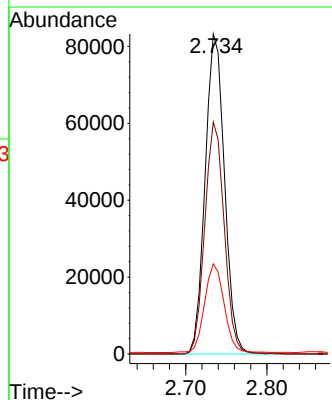
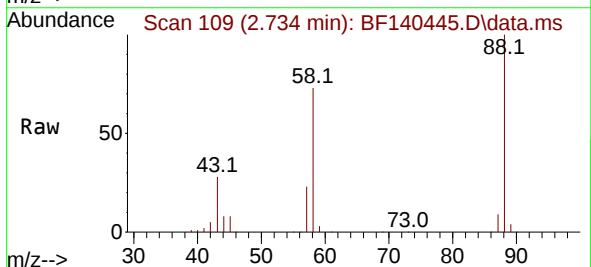
Instrument :
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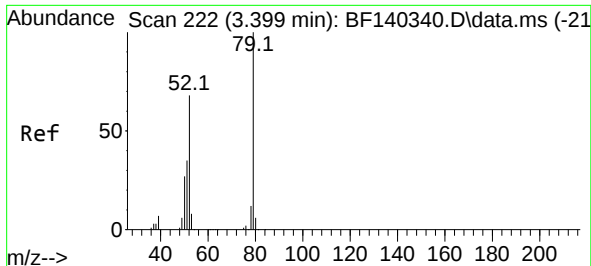
Tgt Ion:152 Resp: 142797
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 60.0 47.4 71.2



#2
1,4-Dioxane
Concen: 36.982 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.100 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 88 Resp: 137852
Ion Ratio Lower Upper
88 100
58 72.6 59.5 89.3
43 28.3 23.4 35.2





#3

Pyridine

Concen: 38.705 ng

RT: 3.493 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

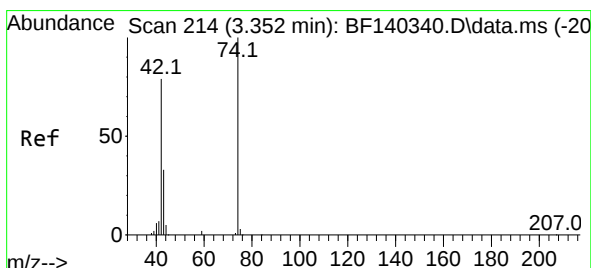
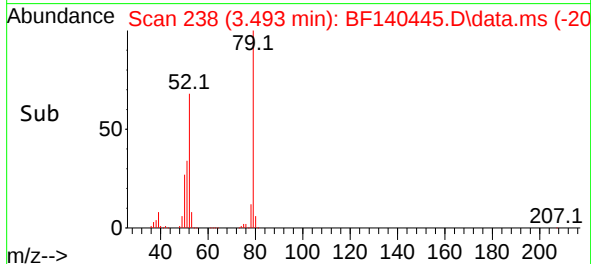
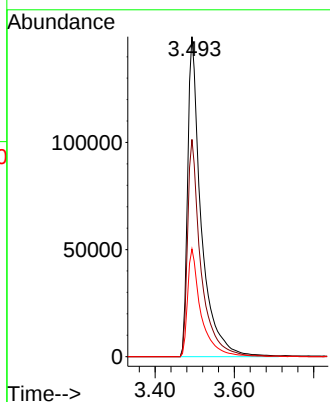
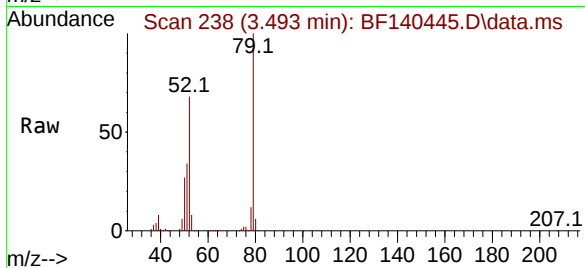
Tgt Ion: 79 Resp: 354693

Ion Ratio Lower Upper

79 100

52 67.9 53.8 80.6

51 33.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.558 ng

RT: 3.446 min Scan# 230

Delta R.T. 0.088 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

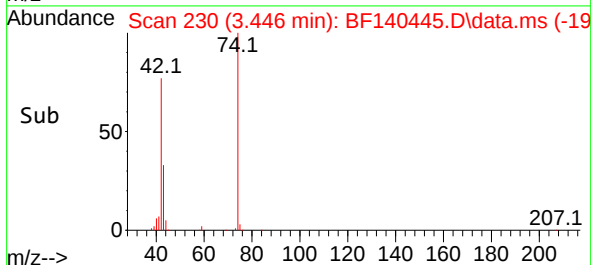
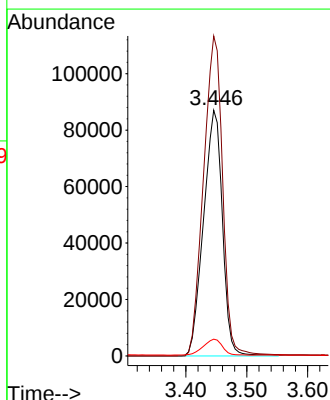
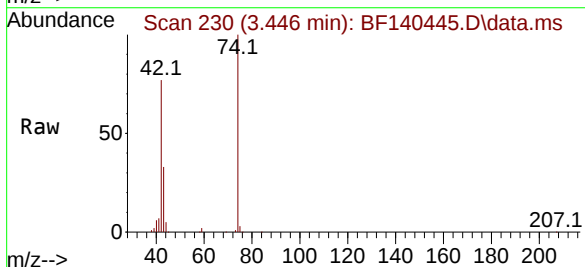
Tgt Ion: 42 Resp: 187846

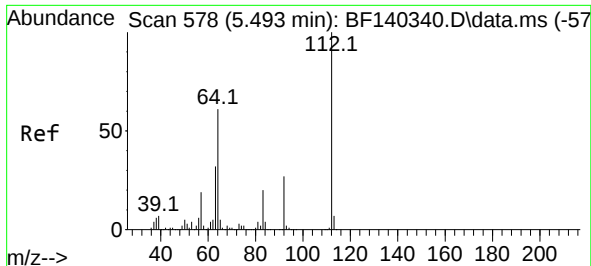
Ion Ratio Lower Upper

42 100

74 130.2 103.5 155.3

44 6.8 5.1 7.7

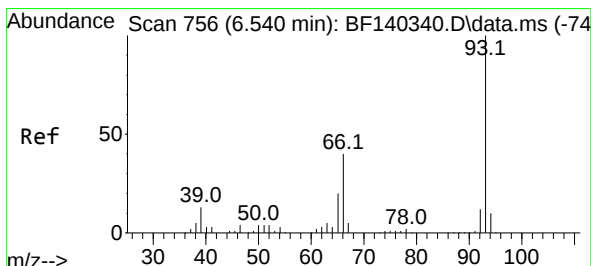
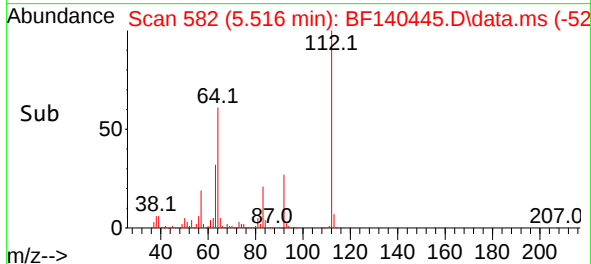
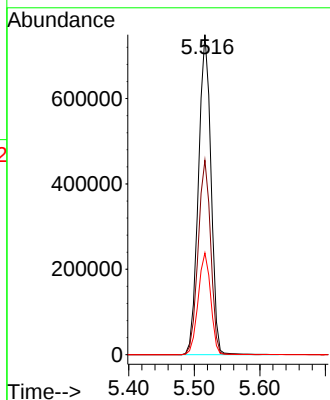
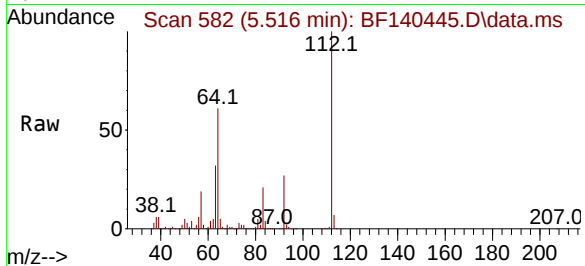




#5
2-Fluorophenol
Concen: 119.672 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

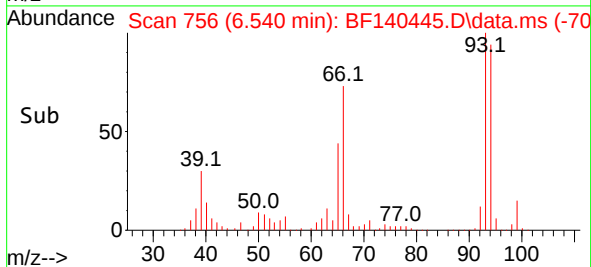
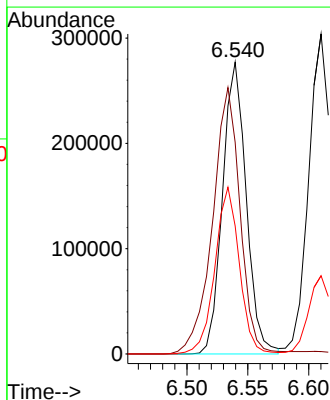
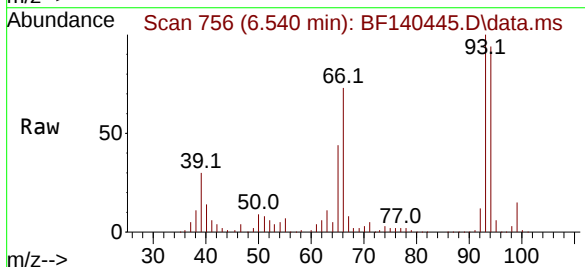
Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:112 Resp: 1000875
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 31.8 25.6 38.4



#6
Aniline
Concen: 37.954 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 93 Resp: 374120
Ion Ratio Lower Upper
93 100
66 72.5 32.8 49.2#
65 43.9 16.6 25.0#





#7

Phenol-d6

Concen: 114.784 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.012 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

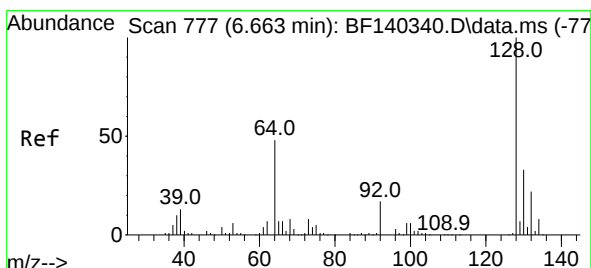
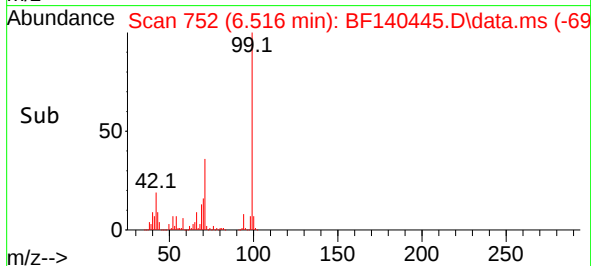
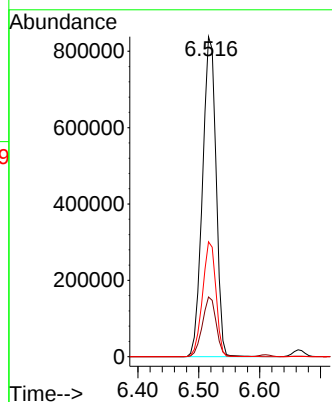
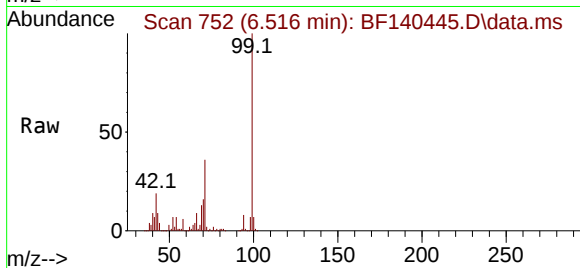
Tgt Ion: 99 Resp: 1300633

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

71 35.9 27.9 41.9



#8

2-Chlorophenol

Concen: 45.106 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

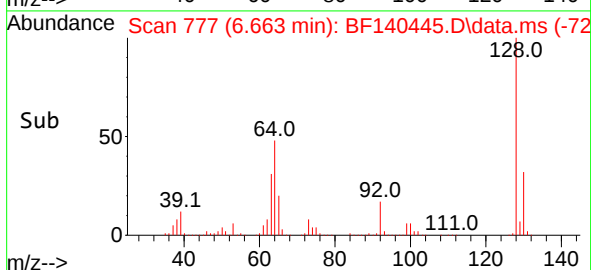
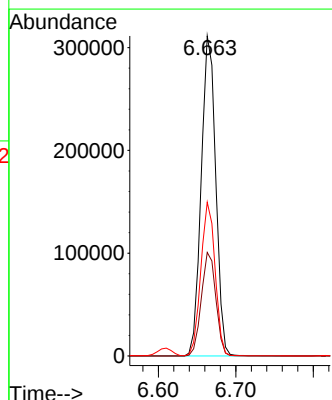
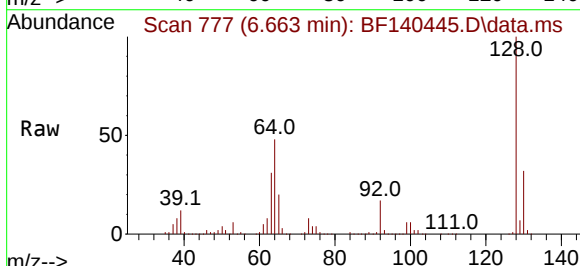
Tgt Ion:128 Resp: 405231

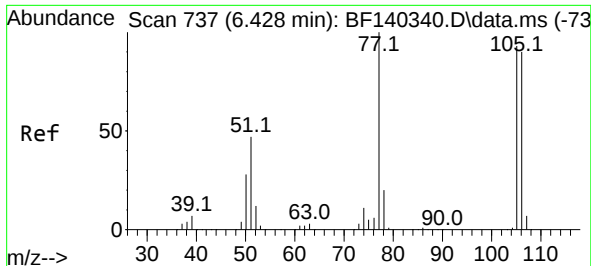
Ion Ratio Lower Upper

128 100

130 32.3 12.2 52.2

64 48.1 30.2 70.2

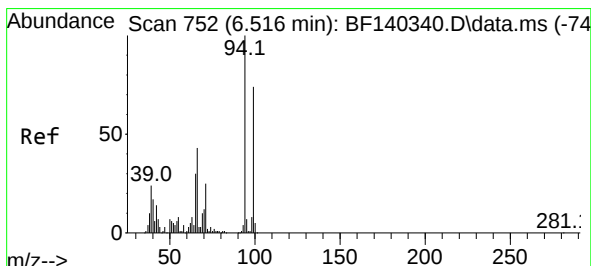
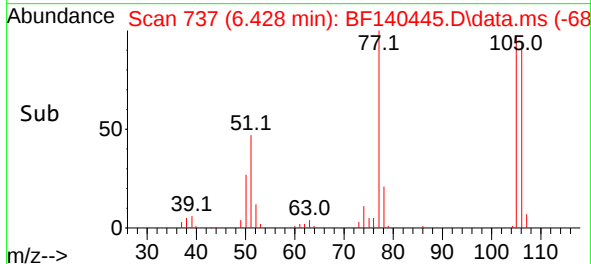
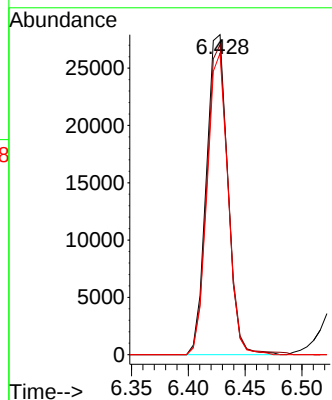
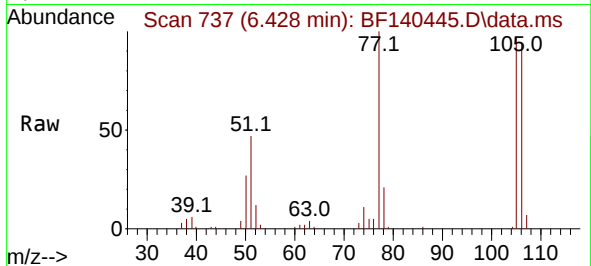




#9
Benzaldehyde
Concen: 5.370 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

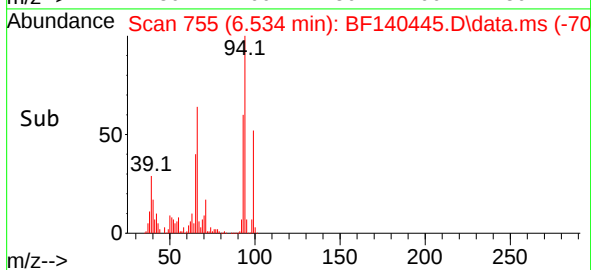
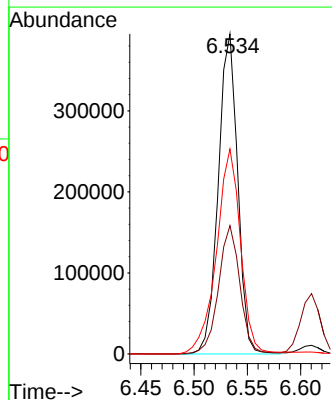
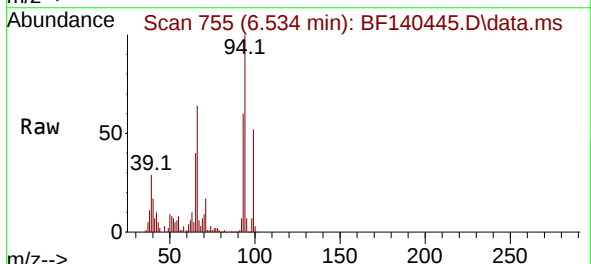
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Tgt Ion:	77	Resp:	36468
Ion	Ratio	Lower	Upper
77	100		
105	96.8	74.4	114.4
106	94.2	69.9	109.9



#10
Phenol
Concen: 41.771 ng
RT: 6.534 min Scan# 755
Delta R.T. 0.012 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:	94	Resp:	499145
Ion	Ratio	Lower	Upper
94	100		
65	40.1	10.4	50.4
66	64.1	22.9	62.9

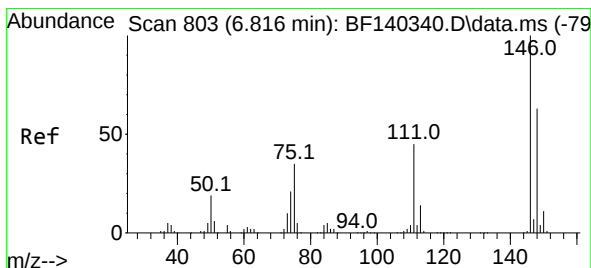
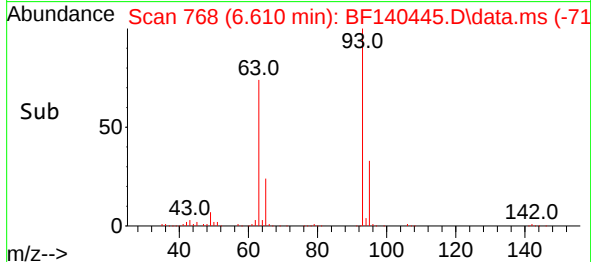
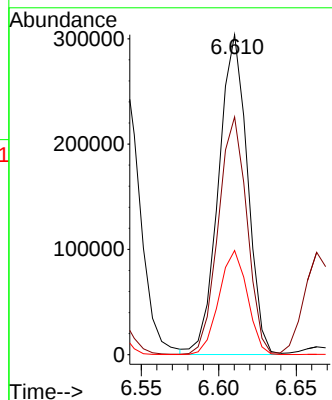
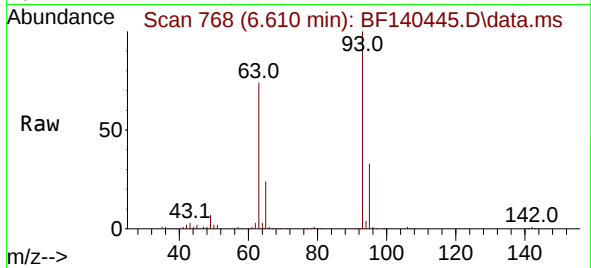




#11
bis(2-Chloroethyl)ether
Concen: 43.492 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

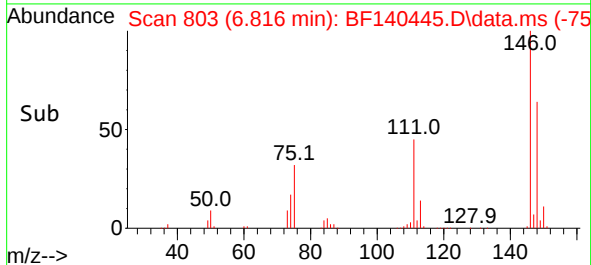
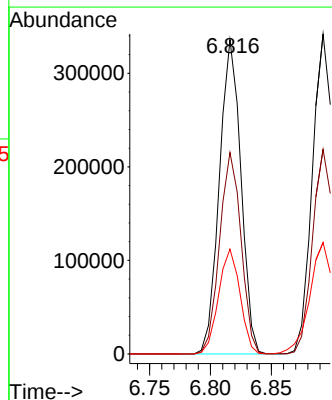
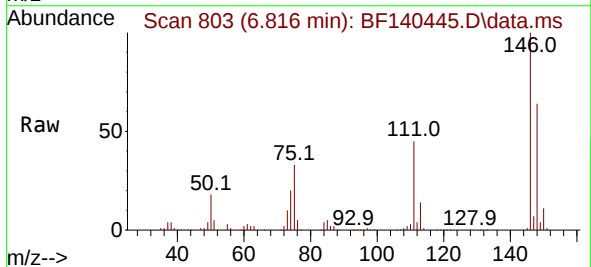
Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion: 93 Resp: 393787
Ion Ratio Lower Upper
93 100
63 74.3 54.0 94.0
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.691 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 146 Resp: 413257
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
75 33.4 26.4 39.6

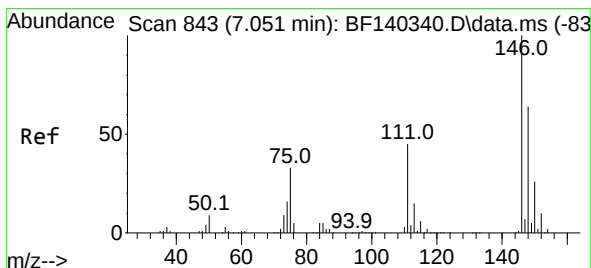
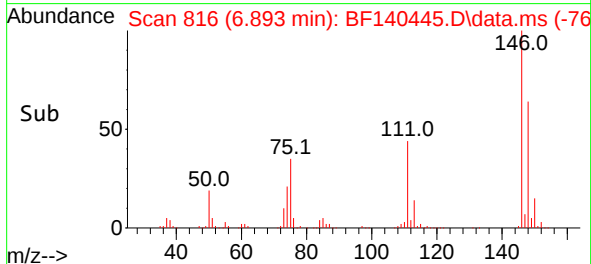
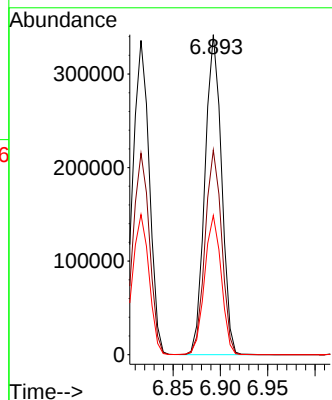
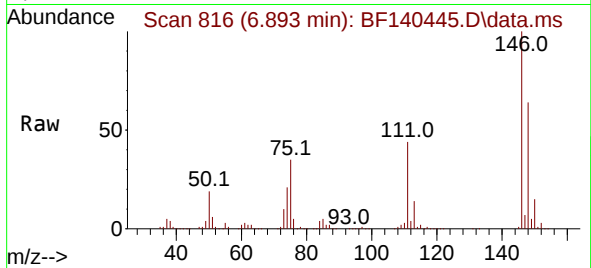




#13
1,4-Dichlorobenzene
Concen: 41.556 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

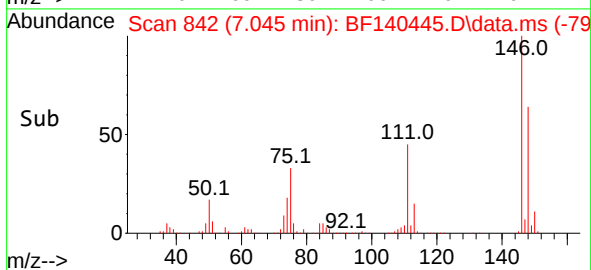
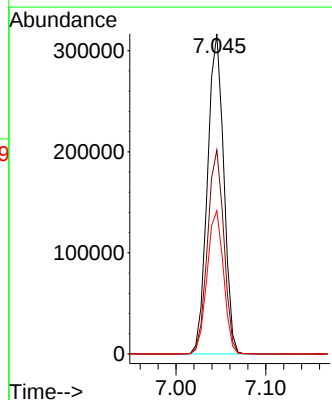
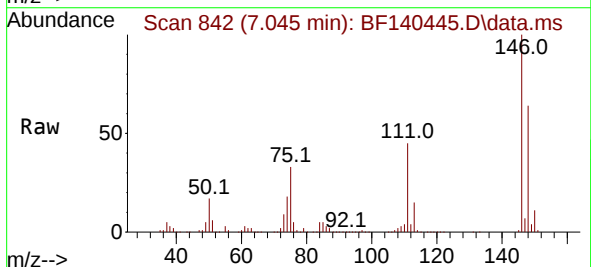
Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:146 Resp: 417677
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 43.5 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 42.737 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:146 Resp: 398765
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 44.8 36.5 54.7

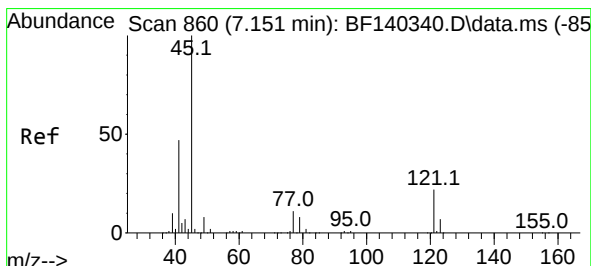
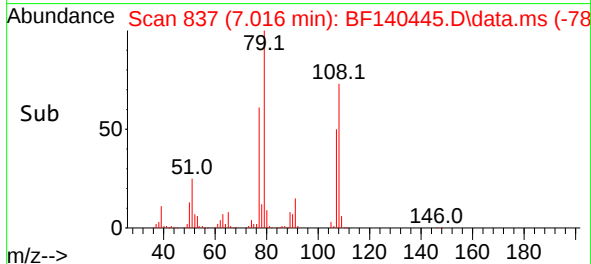
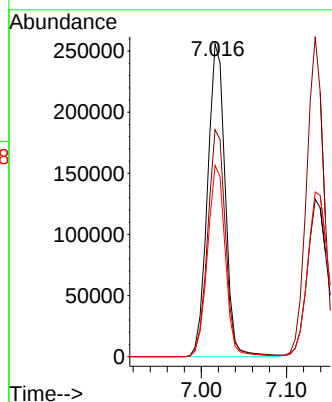
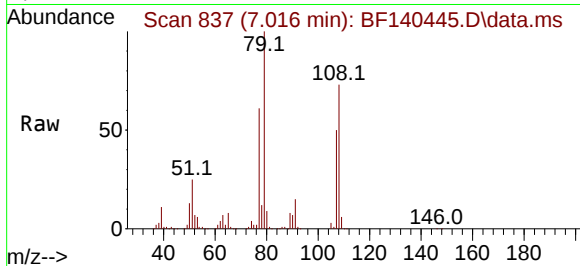




#15
Benzyl Alcohol
Concen: 45.207 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

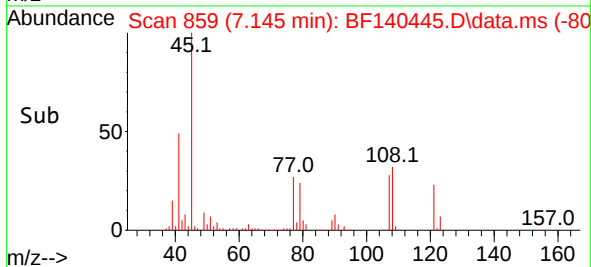
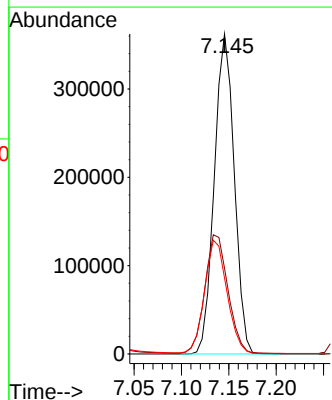
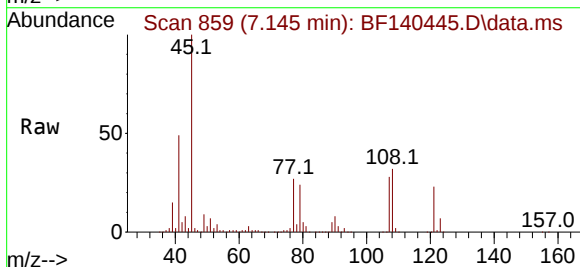
Instrument :
BNA_F
ClientSampleId :
PB165029BS

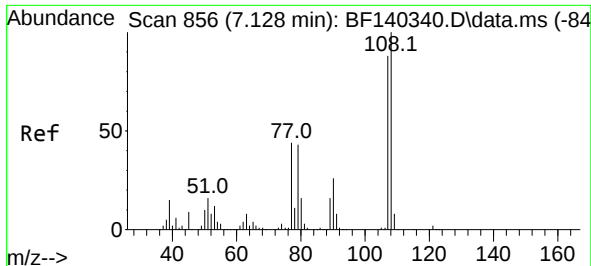
Tgt Ion: 79 Resp: 369056
Ion Ratio Lower Upper
79 100
108 72.6 57.8 86.6
77 61.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.301 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 45 Resp: 529036
Ion Ratio Lower Upper
45 100
77 26.8 0.0 34.8
79 23.7 0.0 31.4



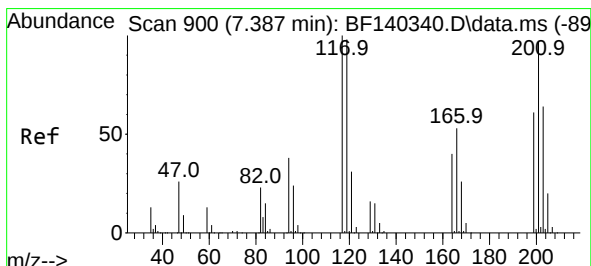
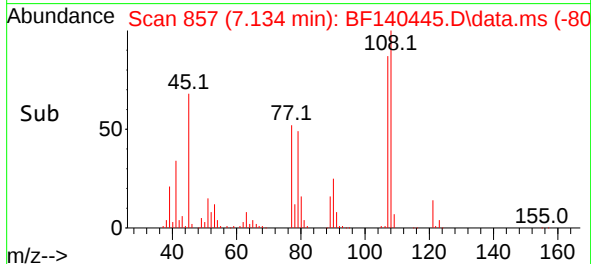
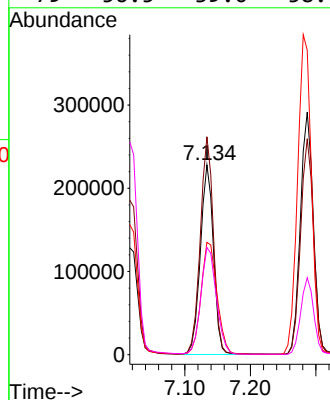
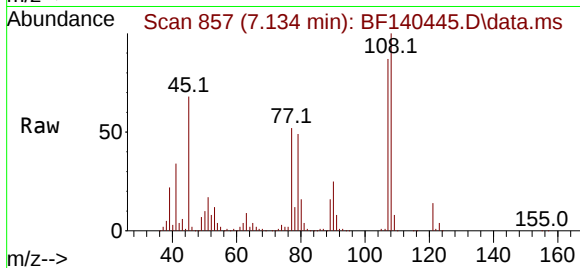


#17
2-Methylphenol
Concen: 43.053 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:107 Resp: 318180

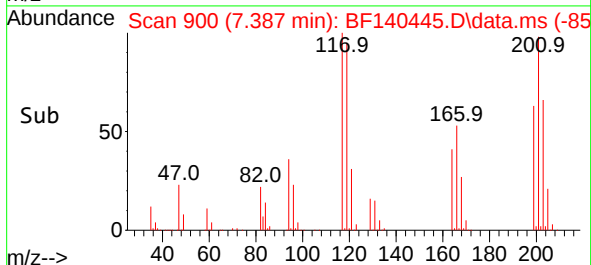
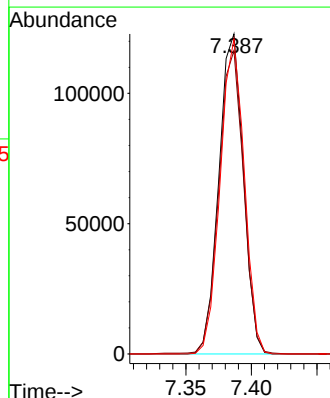
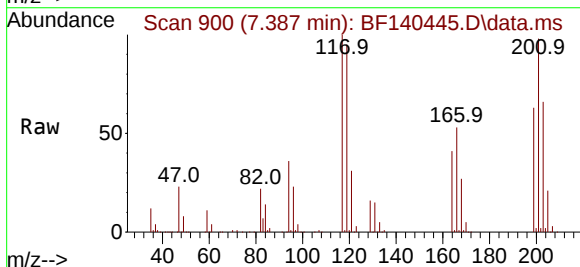
Ion	Ratio	Lower	Upper
107	100		
108	114.8	91.9	137.9
77	59.2	39.7	59.5
79	56.5	39.0	58.6



#18
Hexachloroethane
Concen: 42.759 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:117 Resp: 158881

Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	98.4	80.2	120.4



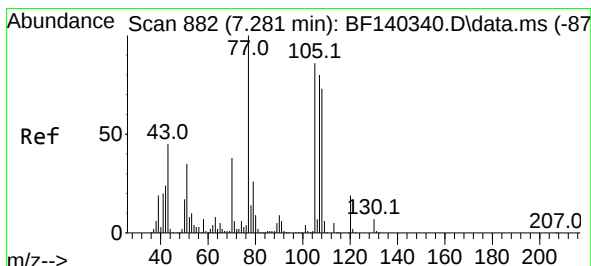
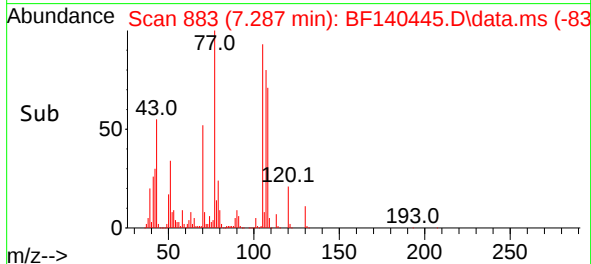
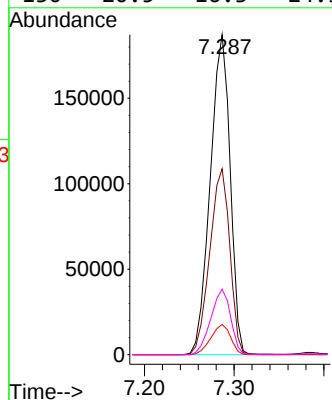
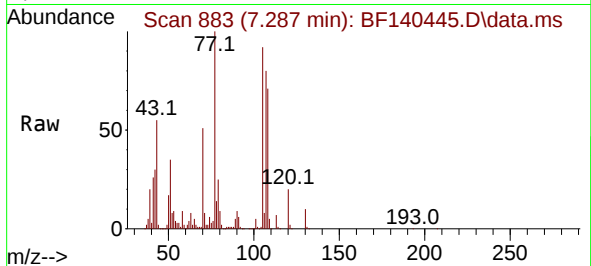


#19
n-Nitroso-di-n-propylamine
Concen: 42.083 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion: 70 Resp: 287998

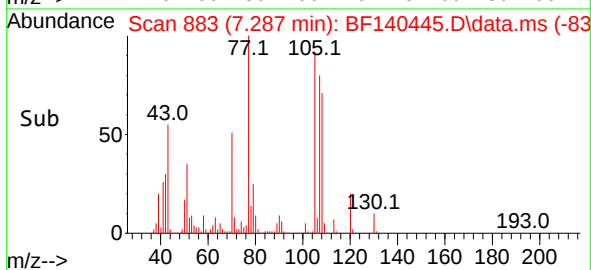
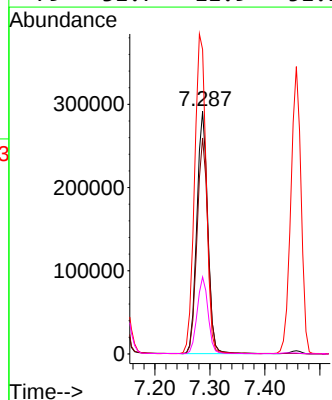
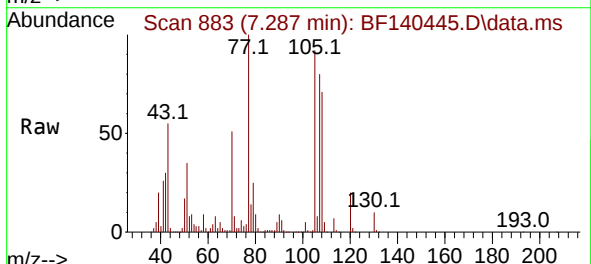
Ion	Ratio	Lower	Upper
70	100		
42	58.1	46.8	70.2
101	9.5	7.5	11.3
130	20.5	16.3	24.5

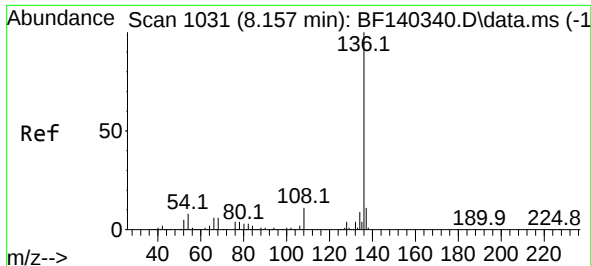


#20
3+4-Methylphenols
Concen: 43.360 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 107 Resp: 400760

Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	125.5	97.0	137.0
79	31.7	11.9	51.9



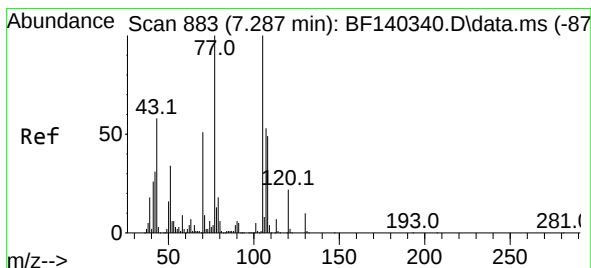
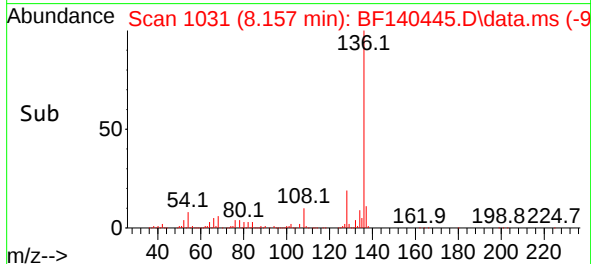
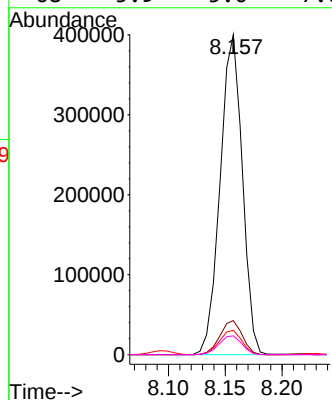
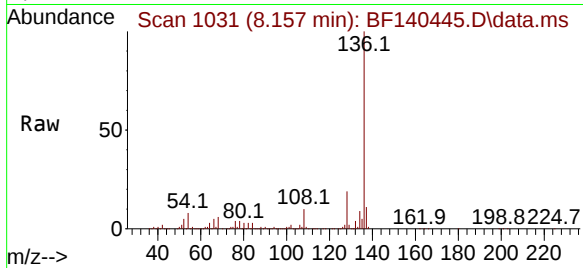


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:136 Resp: 543909

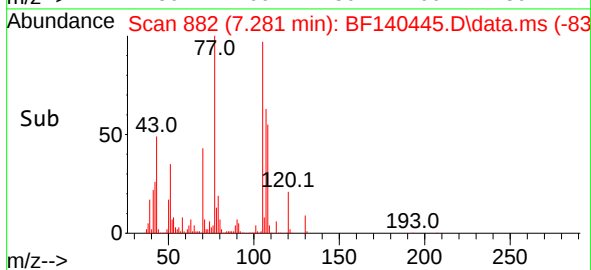
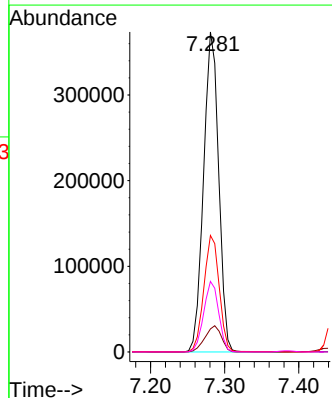
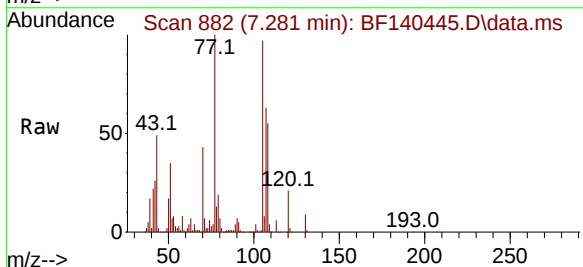
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.6	6.5	9.7
68	5.9	5.0	7.6



#22
Acetophenone
Concen: 41.863 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:105 Resp: 529582

Ion	Ratio	Lower	Upper
105	100		
71	7.2	6.9	10.3
51	36.4	28.6	43.0
120	22.1	17.2	25.8





#23

Nitrobenzene-d5

Concen: 82.451 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

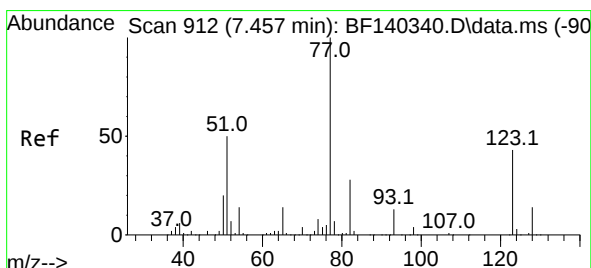
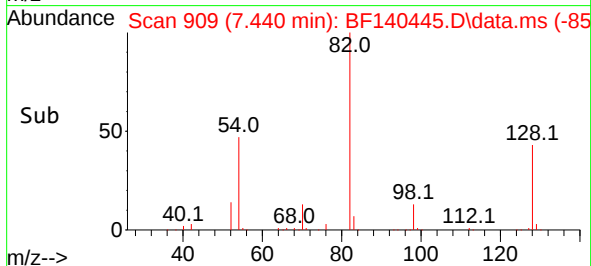
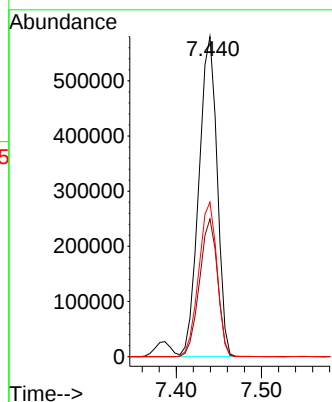
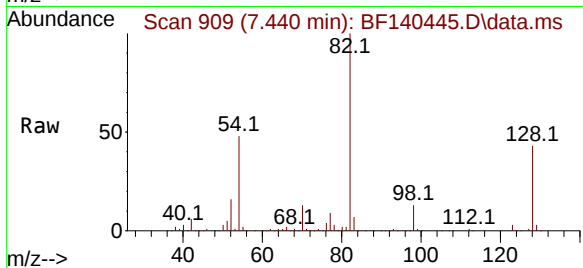
Tgt Ion: 82 Resp: 860722

Ion Ratio Lower Upper

82 100

128 43.0 33.3 49.9

54 48.2 39.8 59.8



#24

Nitrobenzene

Concen: 40.977 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

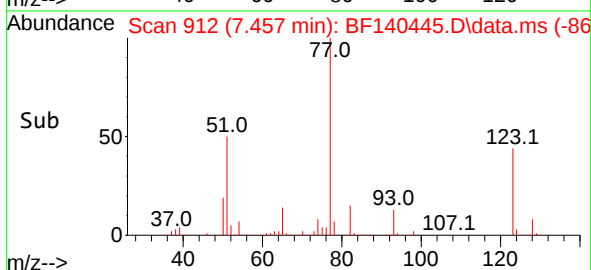
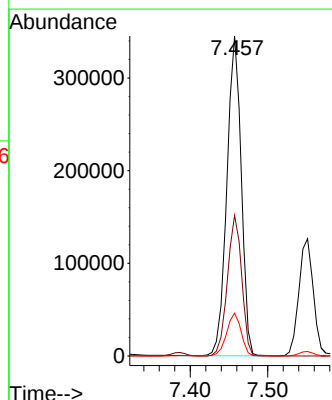
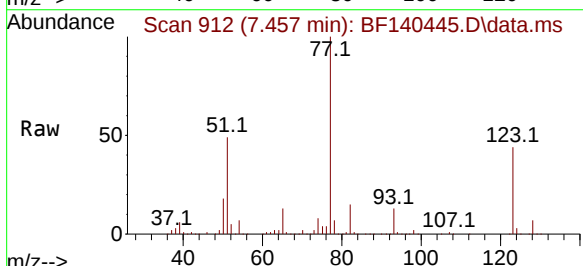
Tgt Ion: 77 Resp: 445374

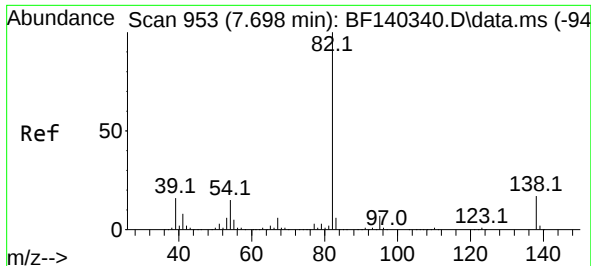
Ion Ratio Lower Upper

77 100

123 44.0 35.4 53.0

65 13.4 11.1 16.7

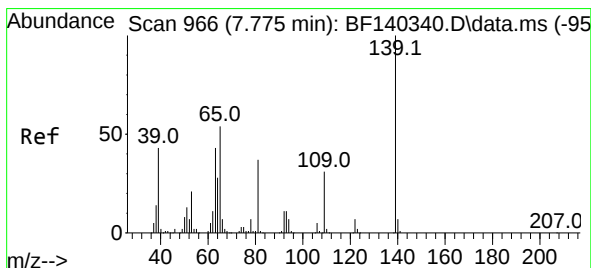
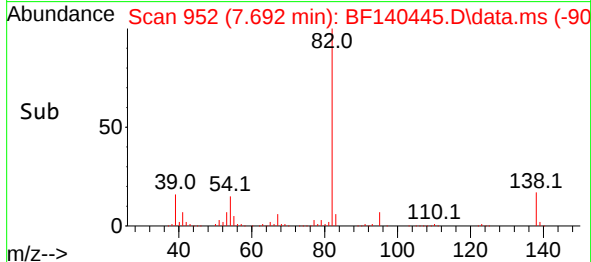
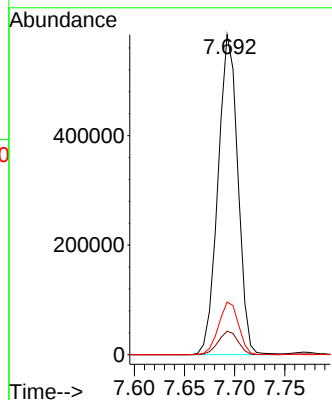
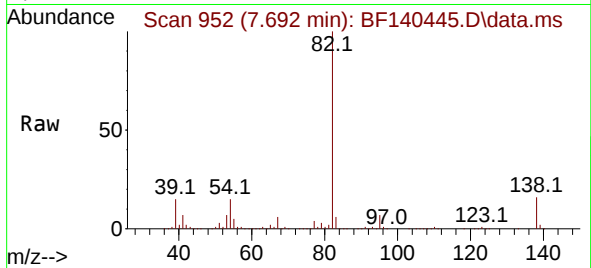




#25
Isophorone
Concen: 43.474 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

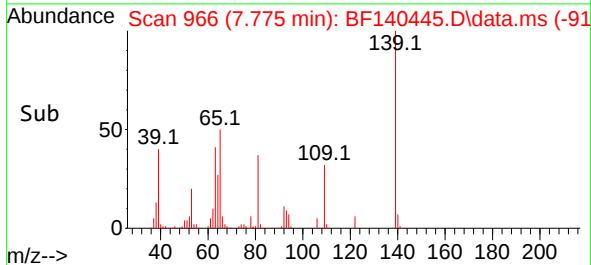
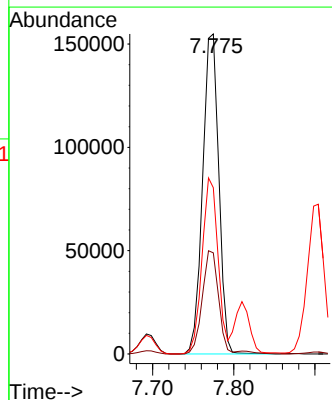
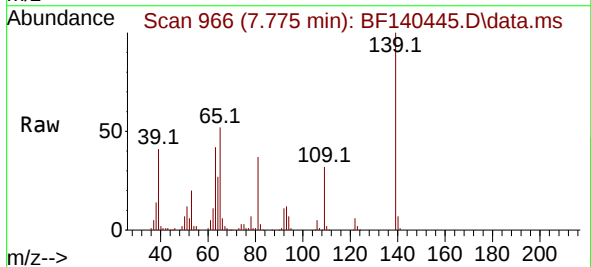
Instrument :
BNA_F
ClientSampleId :
PB165029BS

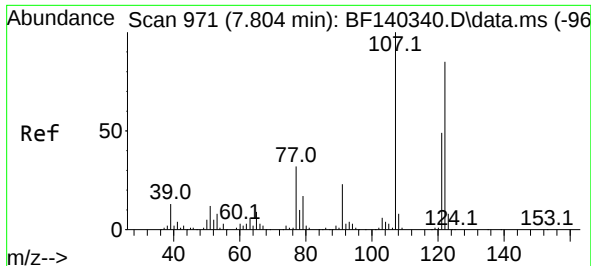
Tgt Ion: 82 Resp: 804333
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 16.5 13.4 20.2



#26
2-Nitrophenol
Concen: 44.384 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:139 Resp: 214074
Ion Ratio Lower Upper
139 100
109 31.6 24.4 36.6
65 52.0 42.8 64.2

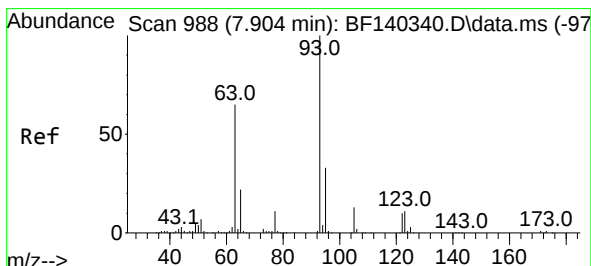
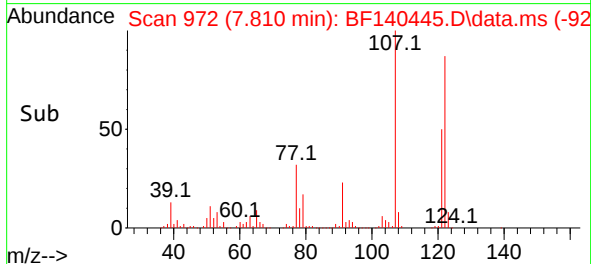
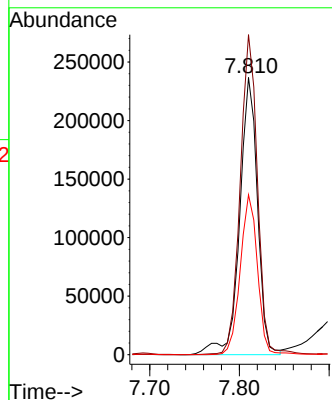
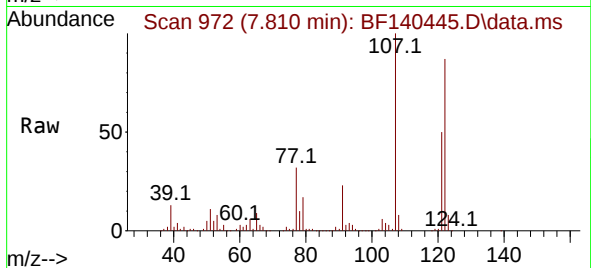




#27
2,4-Dimethylphenol
Concen: 52.918 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

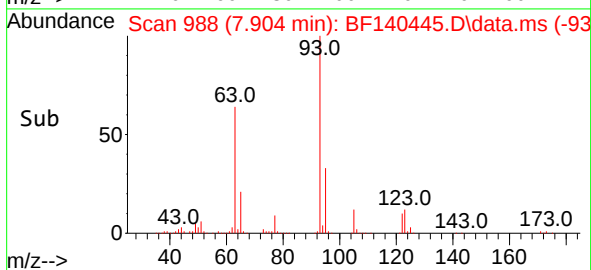
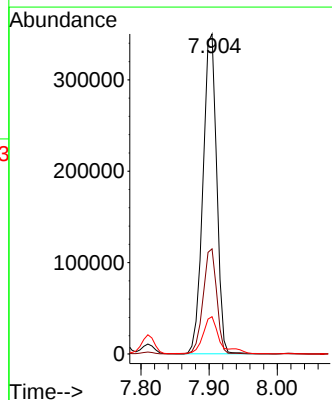
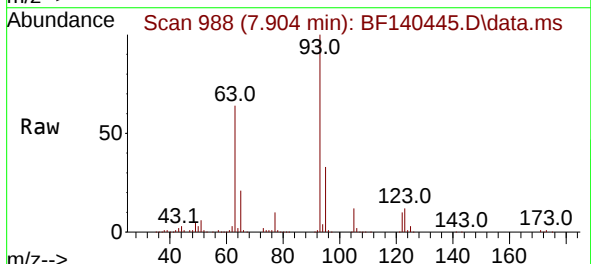
Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:122 Resp: 326761
Ion Ratio Lower Upper
122 100
107 115.5 91.3 136.9
121 57.7 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 43.184 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 93 Resp: 489908
Ion Ratio Lower Upper
93 100
95 32.9 25.9 38.9
123 11.6 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.692 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

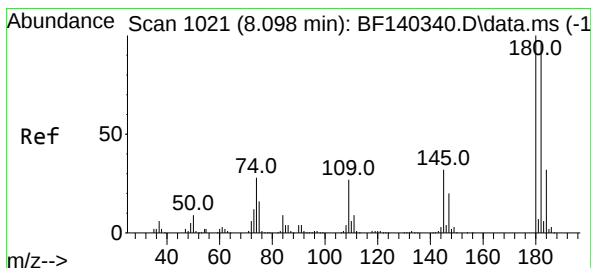
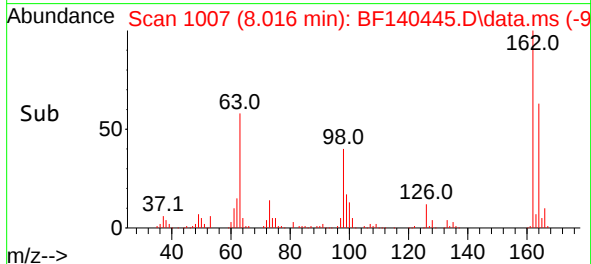
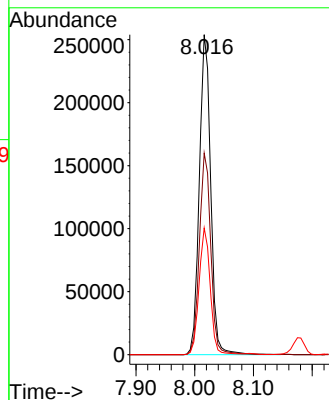
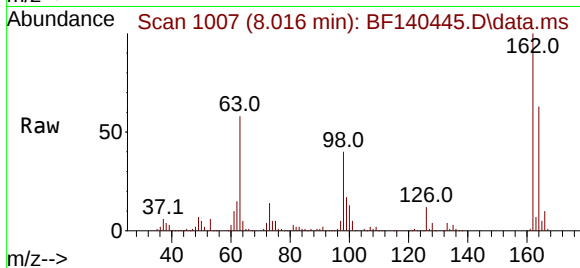
Tgt Ion:162 Resp: 341063

Ion Ratio Lower Upper

162 100

164 63.0 45.4 85.4

98 39.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.867 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

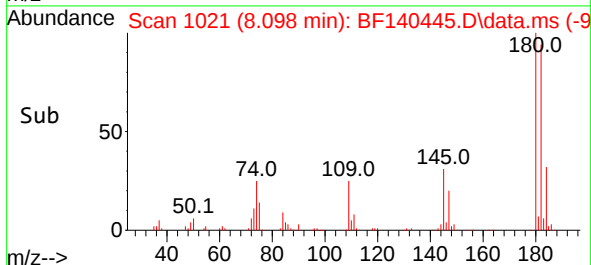
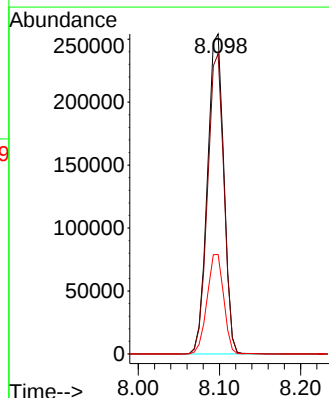
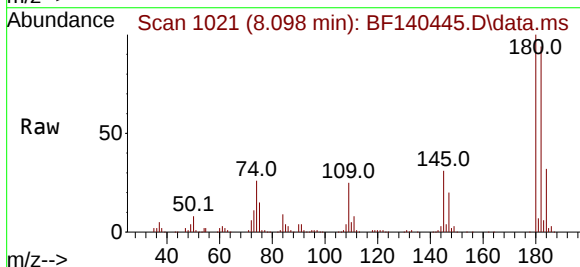
Tgt Ion:180 Resp: 355715

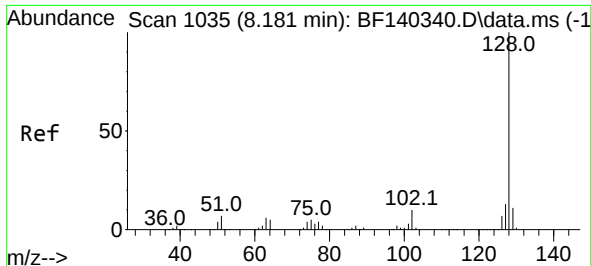
Ion Ratio Lower Upper

180 100

182 93.8 76.5 114.7

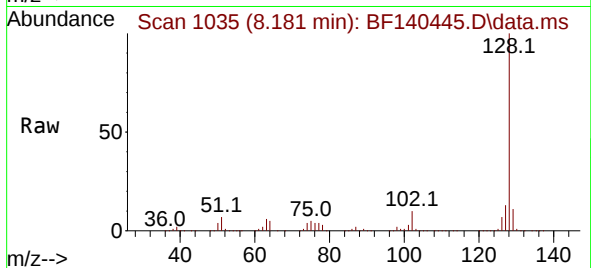
145 31.1 25.3 37.9



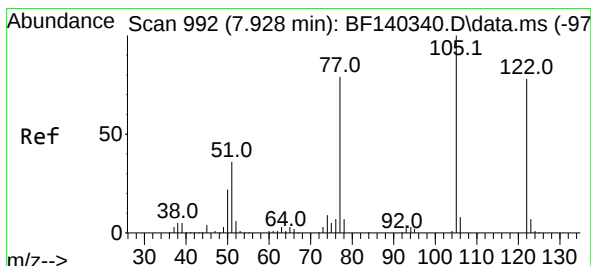
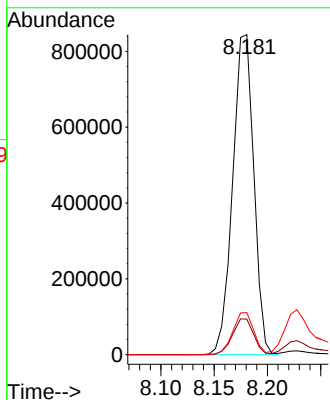
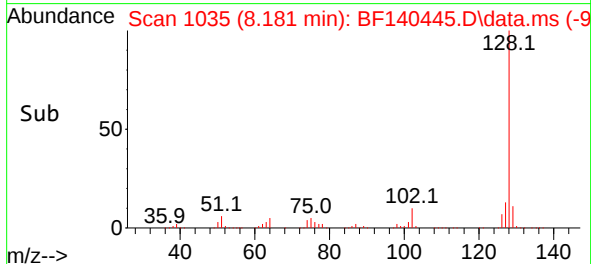


#31
Naphthalene
Concen: 42.349 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB165029BS

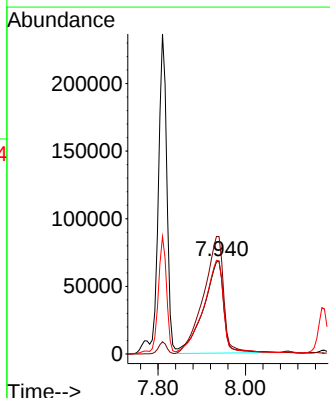
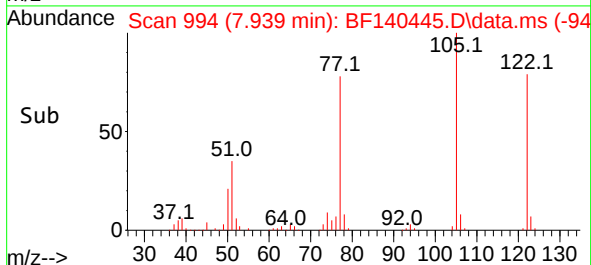
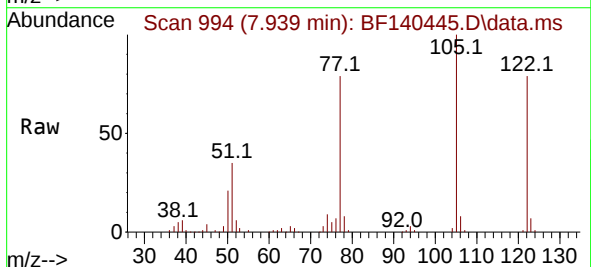


Tgt Ion:128 Resp: 1168469
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 40.264 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.012 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:122 Resp: 218773
Ion Ratio Lower Upper
122 100
105 126.5 100.9 140.9
77 100.2 76.0 116.0

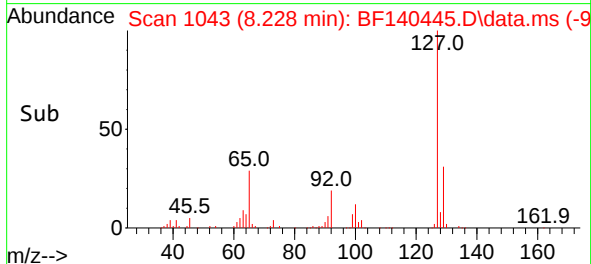
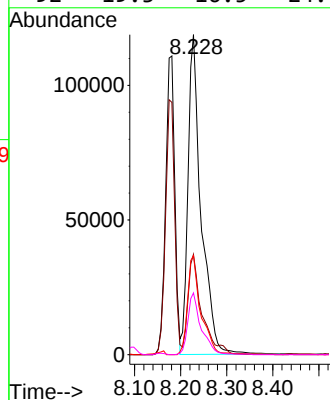
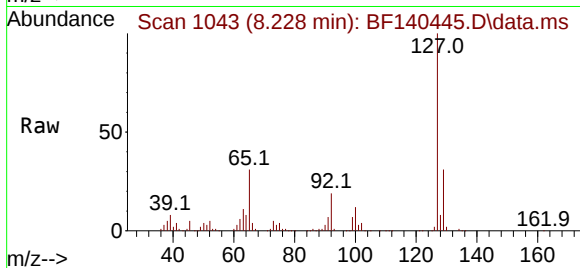




#33
4-Chloroaniline
Concen: 24.465 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

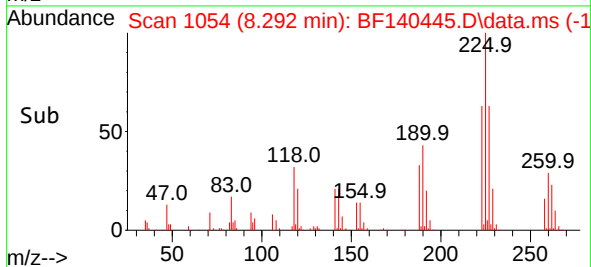
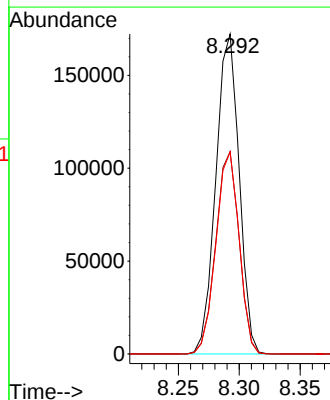
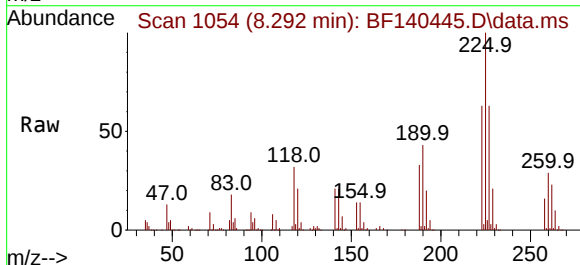
Instrument :
BNA_F
ClientSampleId :
PB165029BS

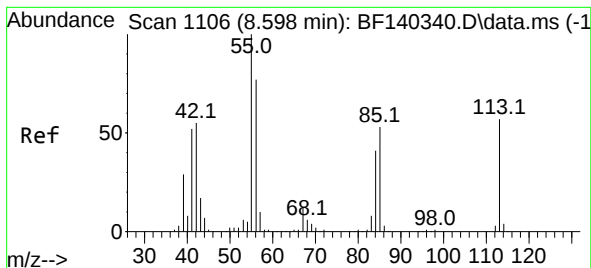
Tgt Ion:	127	Resp:	234759
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.4
65	31.0	25.8	38.6
92	19.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 42.323 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:	225	Resp:	229108
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.1	75.1
227	63.1	51.3	76.9





#35

Caprolactam

Concen: 29.022 ng

RT: 8.598 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

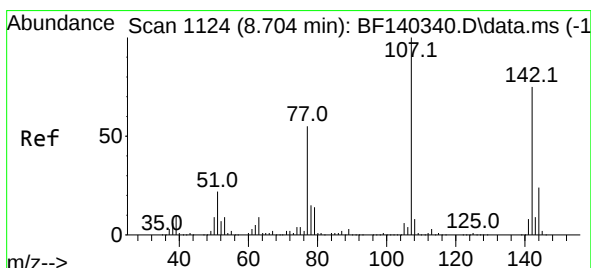
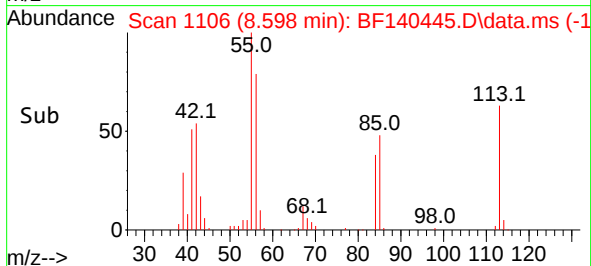
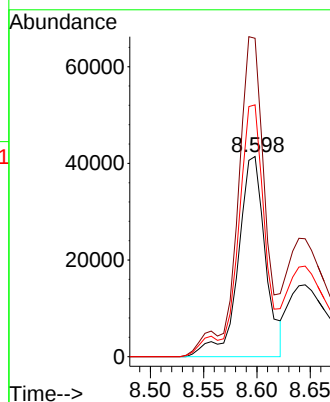
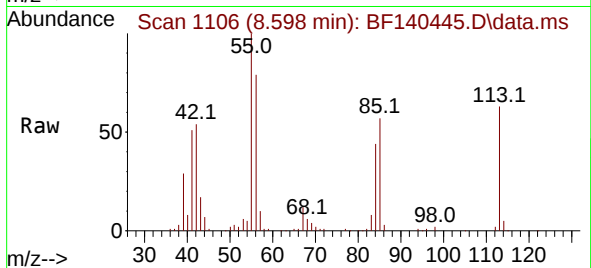
Tgt Ion:113 Resp: 73613

Ion Ratio Lower Upper

113 100

55 159.1 150.0 190.0

56 125.8 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 43.883 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.012 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

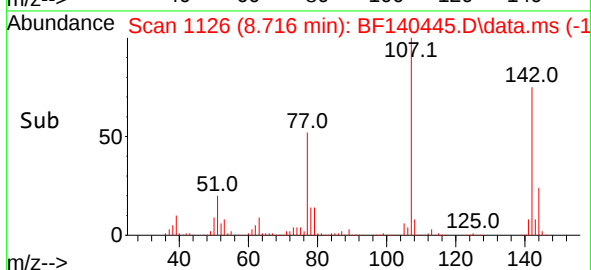
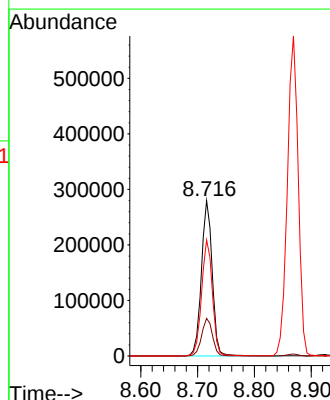
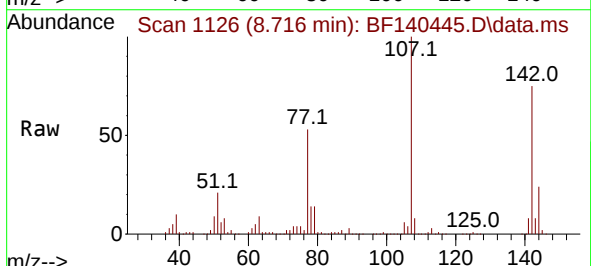
Tgt Ion:107 Resp: 371125

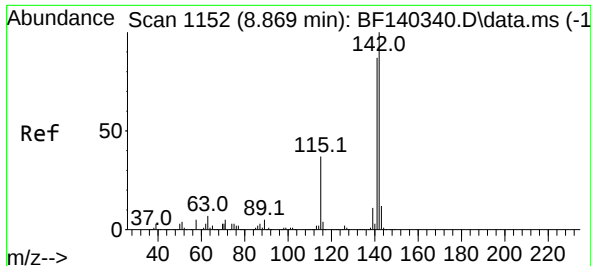
Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

142 74.7 59.4 89.0

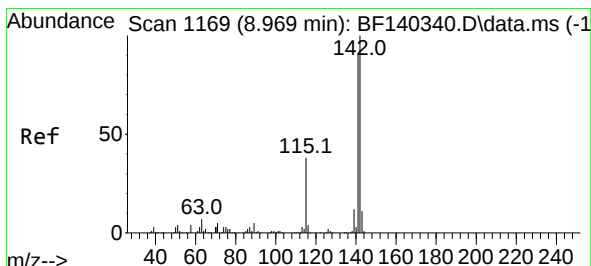
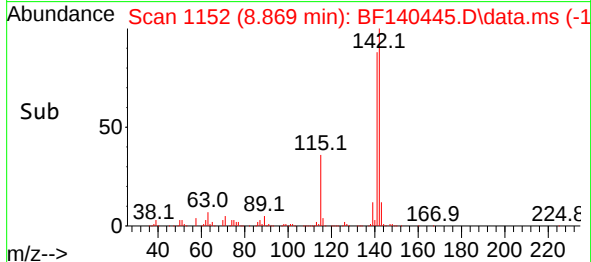
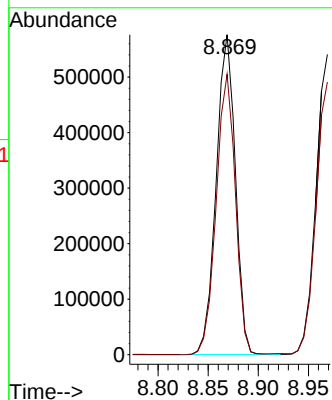
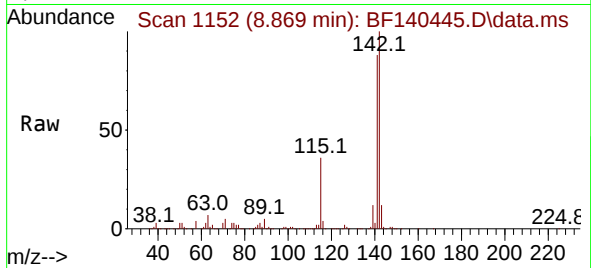




#37
2-Methylnaphthalene
Concen: 43.260 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

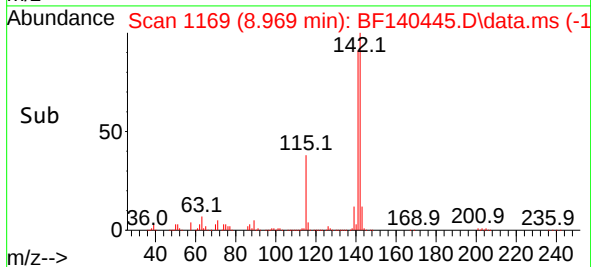
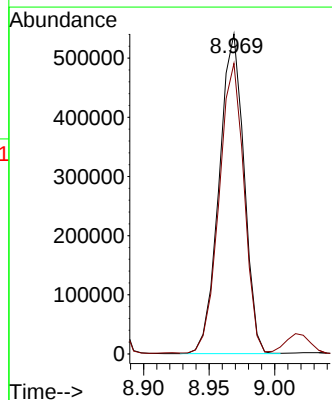
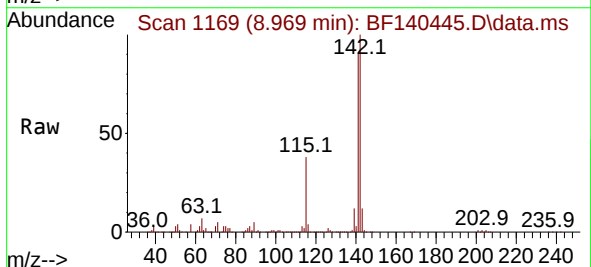
Instrument :
BNA_F
ClientSampleId :
PB165029BS

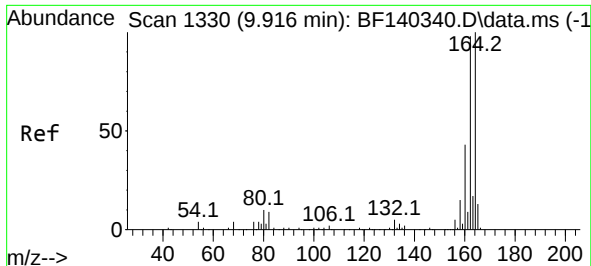
Tgt Ion:142 Resp: 765366
Ion Ratio Lower Upper
142 100
141 87.6 70.4 105.6



#38
1-Methylnaphthalene
Concen: 41.186 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:142 Resp: 713542
Ion Ratio Lower Upper
142 100
141 90.8 73.6 110.4

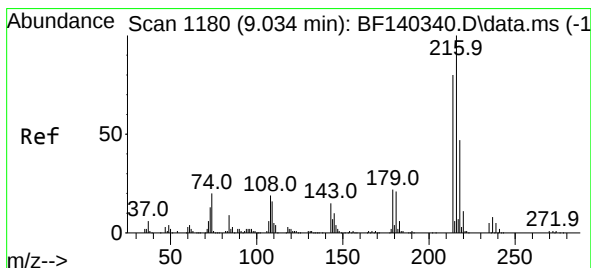
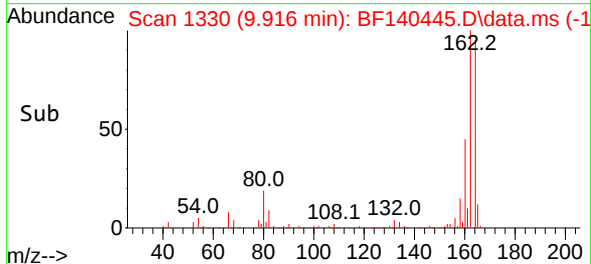
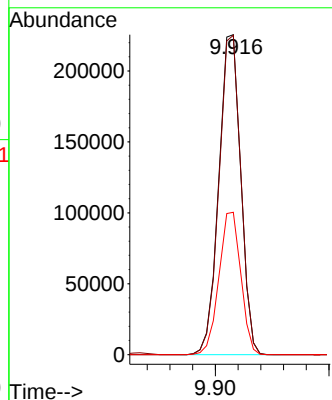
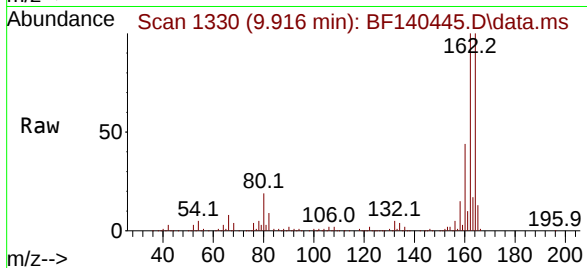




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

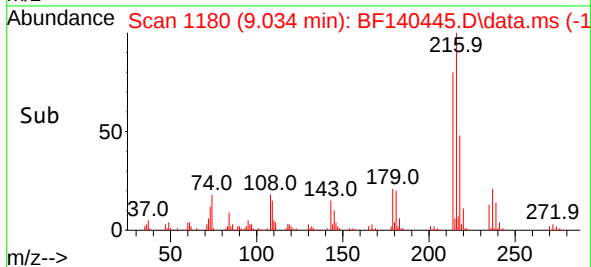
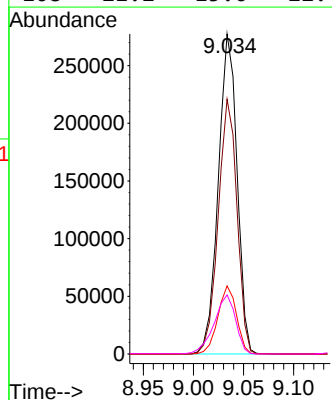
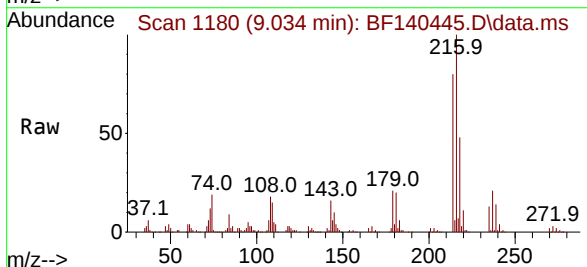
Instrument :
BNA_F
ClientSampleId :
PB165029BS

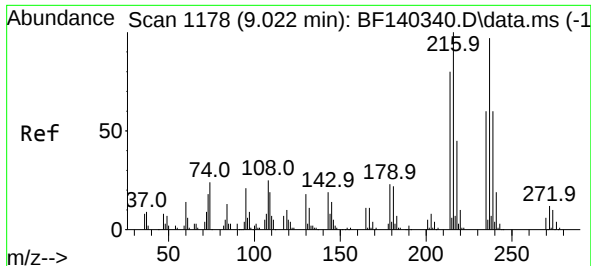
Tgt Ion:164 Resp: 303339
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 44.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.983 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:216 Resp: 360556
Ion Ratio Lower Upper
216 100
214 79.7 63.2 94.8
179 21.1 17.2 25.8
108 21.2 15.0 22.4

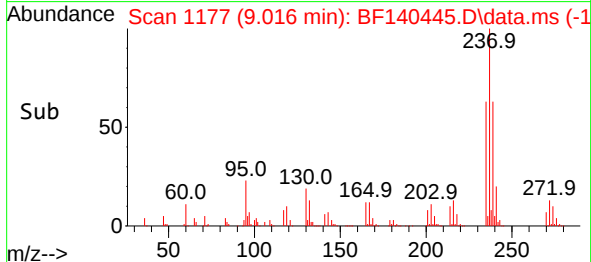
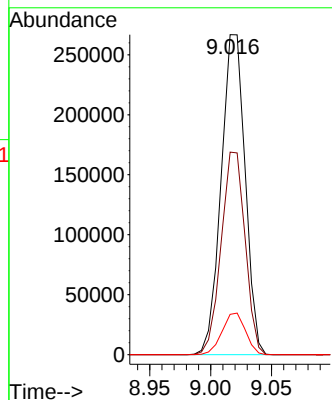
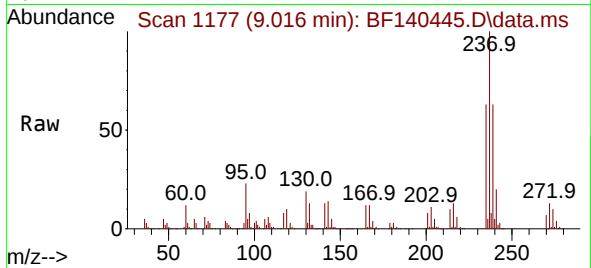




#41
Hexachlorocyclopentadiene
Concen: 170.119 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

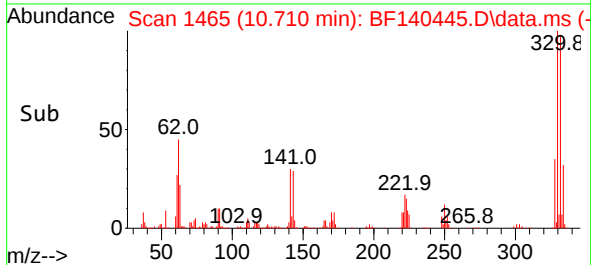
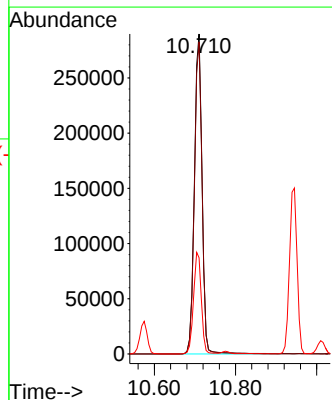
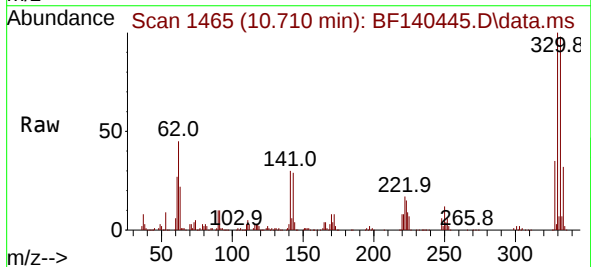
Instrument :
BNA_F
ClientSampleId :
PB165029BS

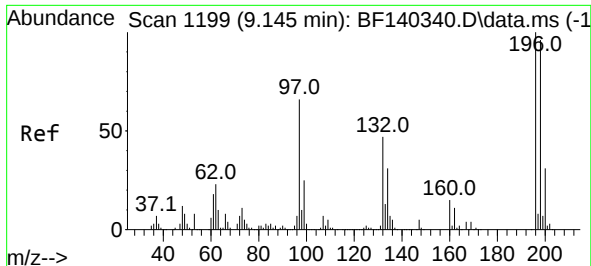
Tgt Ion:237 Resp: 366390
Ion Ratio Lower Upper
237 100
235 63.3 42.8 82.8
272 12.6 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 127.560 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:330 Resp: 384780
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 32.1 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 44.162 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

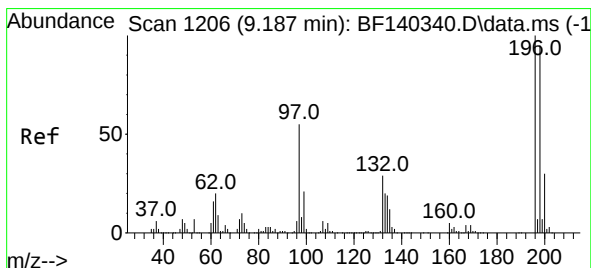
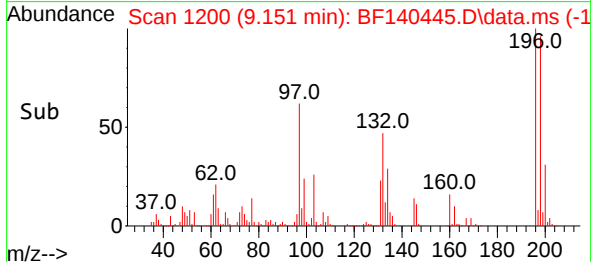
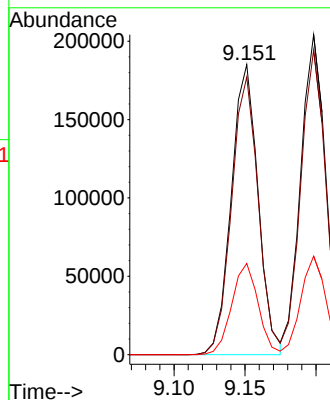
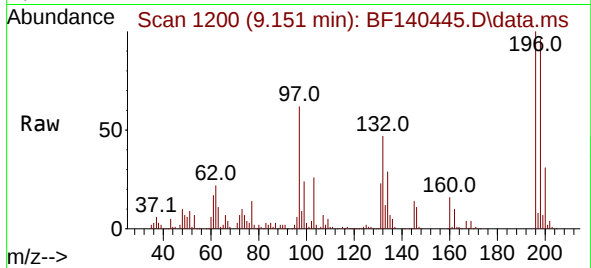
Tgt Ion:196 Resp: 243111

Ion Ratio Lower Upper

196 100

198 95.7 77.0 115.4

200 31.4 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 42.215 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Tgt Ion:196 Resp: 254080

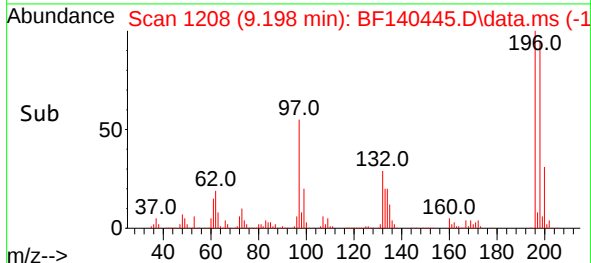
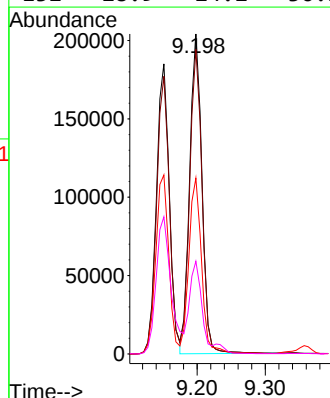
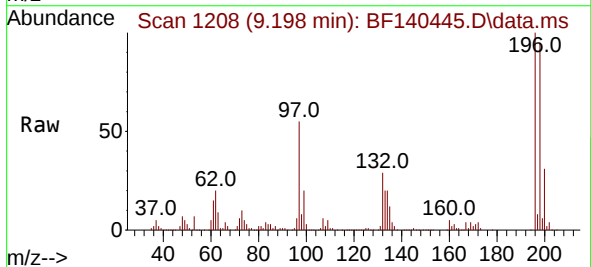
Ion Ratio Lower Upper

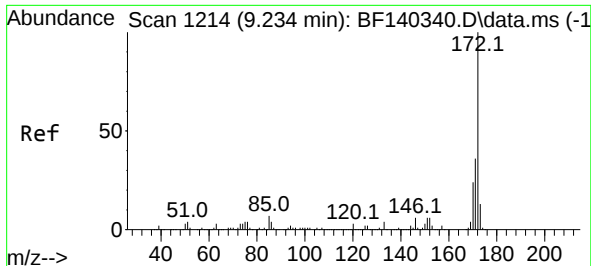
196 100

198 95.2 77.6 116.4

97 54.9 45.4 68.2

132 28.9 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 84.924 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

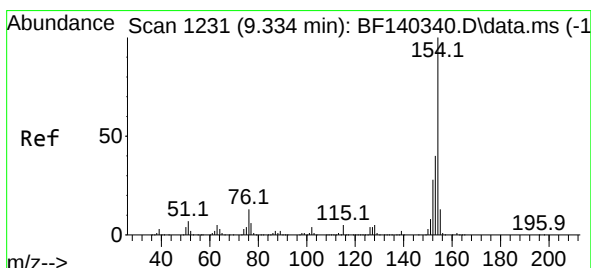
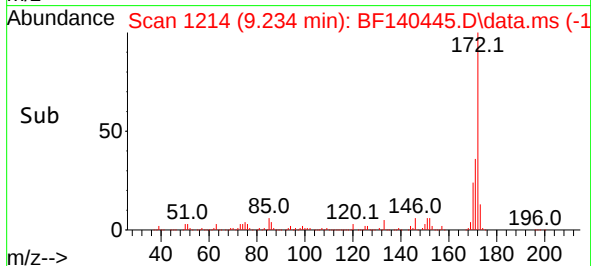
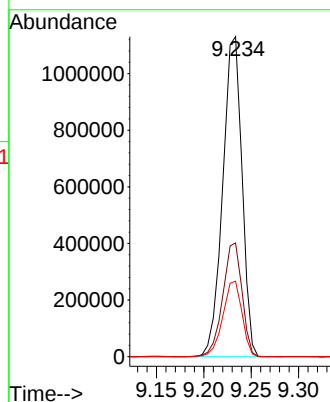
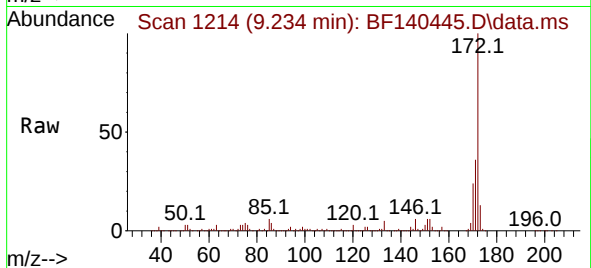
Tgt Ion:172 Resp: 1602496

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.6 19.1 28.7



#46

1,1'-Biphenyl

Concen: 43.212 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

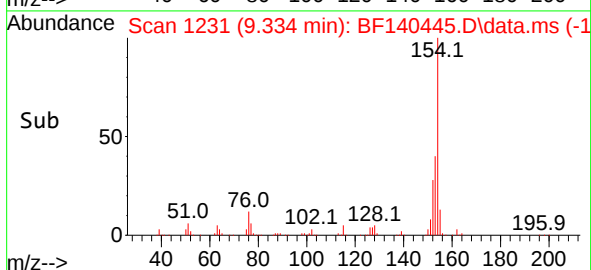
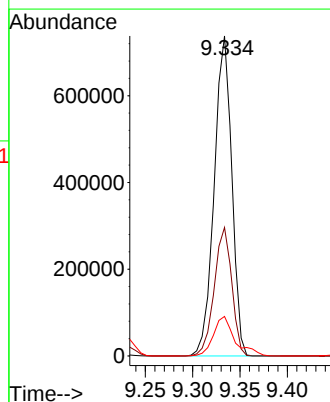
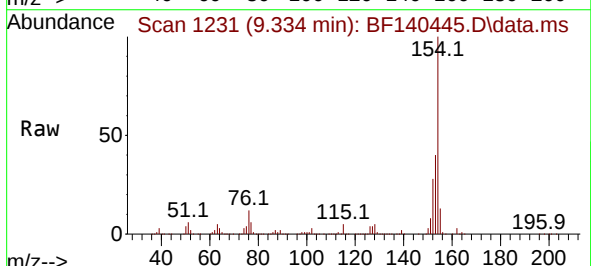
Tgt Ion:154 Resp: 953595

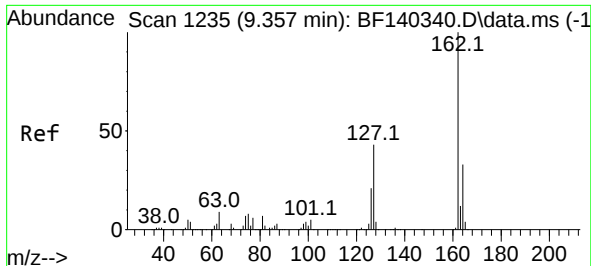
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 12.4 0.0 32.9

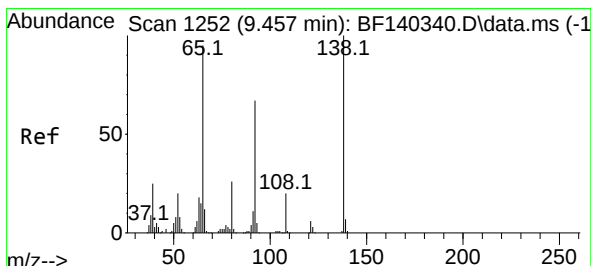
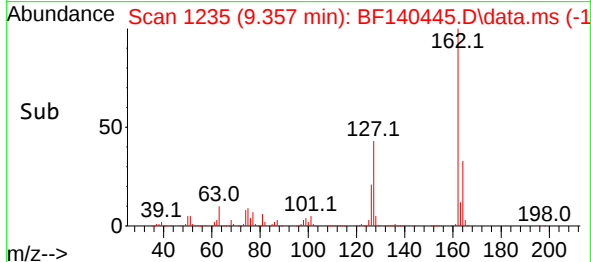
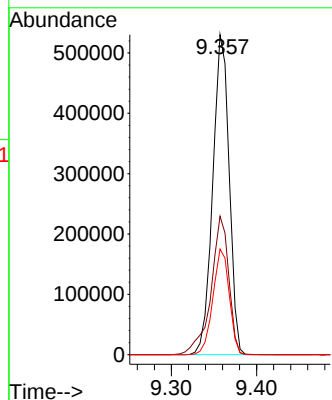
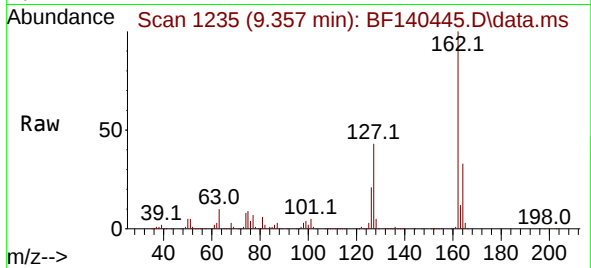




#47
2-Chloronaphthalene
Concen: 42.191 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

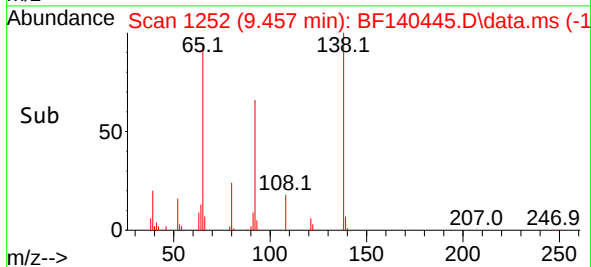
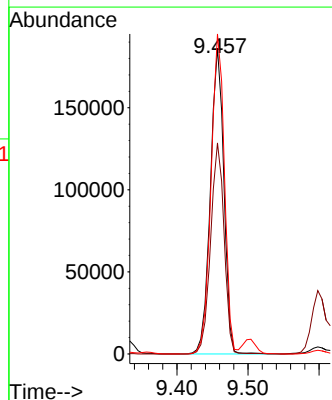
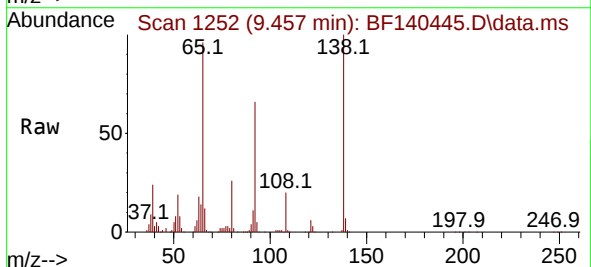
Instrument :
BNA_F
ClientSampleId :
PB165029BS

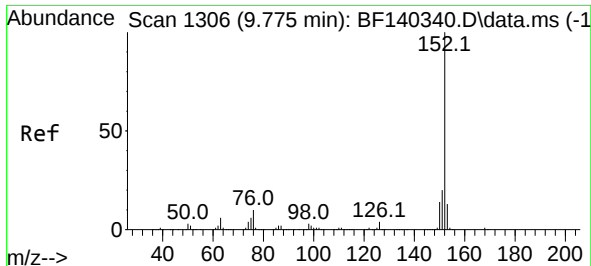
Tgt Ion:162 Resp: 709256
Ion Ratio Lower Upper
162 100
127 43.2 34.0 51.0
164 33.0 26.5 39.7



#48
2-Nitroaniline
Concen: 44.178 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion: 65 Resp: 246291
Ion Ratio Lower Upper
65 100
92 69.0 56.4 84.6
138 104.6 84.8 127.2

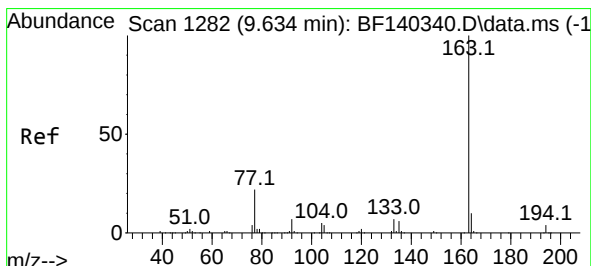
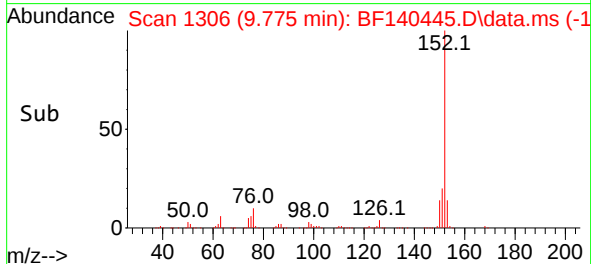
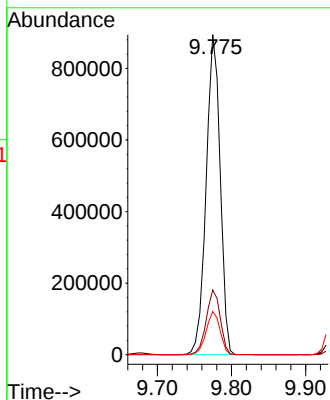
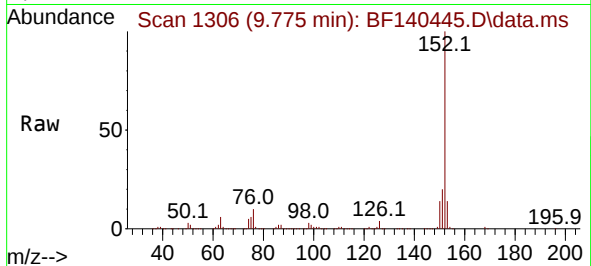




#49
Acenaphthylene
Concen: 46.256 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

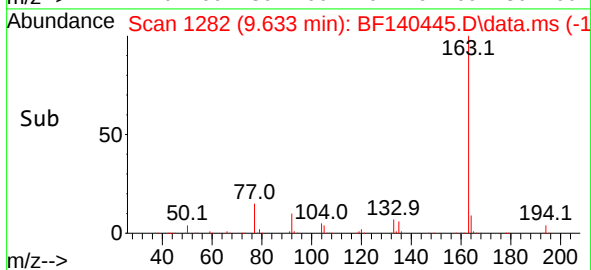
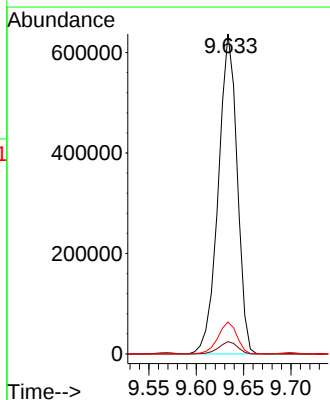
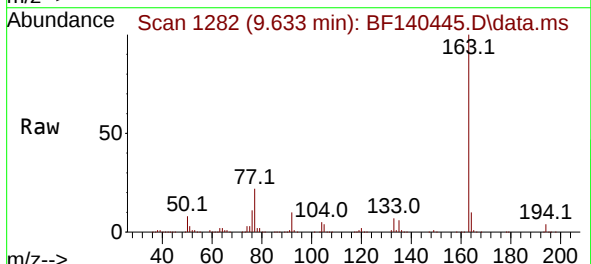
Instrument :
BNA_F
ClientSampleId :
PB165029BS

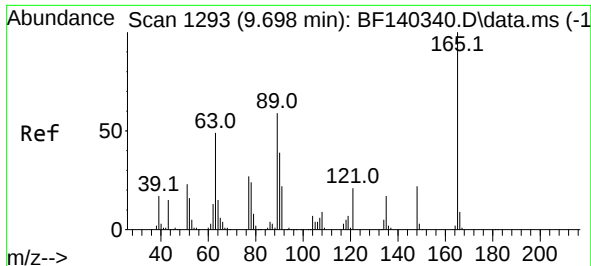
Tgt Ion:152 Resp: 1176469
Ion Ratio Lower Upper
152 100
151 20.3 16.1 24.1
153 13.5 10.7 16.1



#50
Dimethylphthalate
Concen: 44.710 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:163 Resp: 883998
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 42.048 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

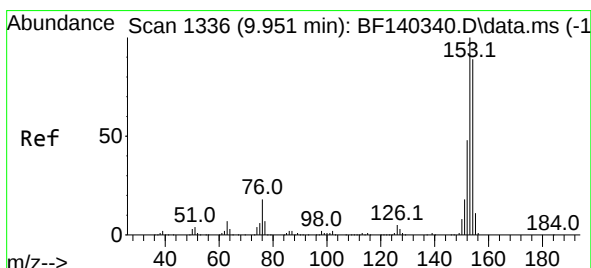
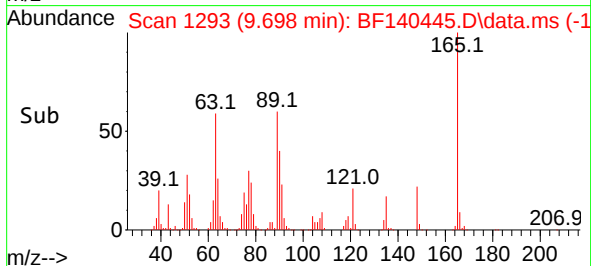
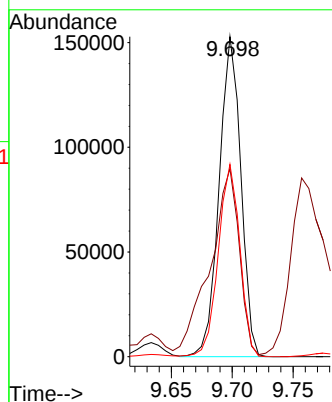
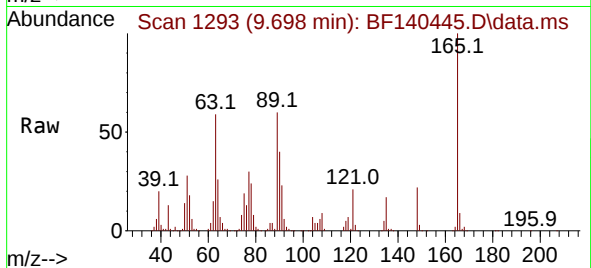
Tgt Ion:165 Resp: 189531

Ion Ratio Lower Upper

165 100

63 58.8 47.6 71.4

89 60.1 48.1 72.1



#52

Acenaphthene

Concen: 41.709 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

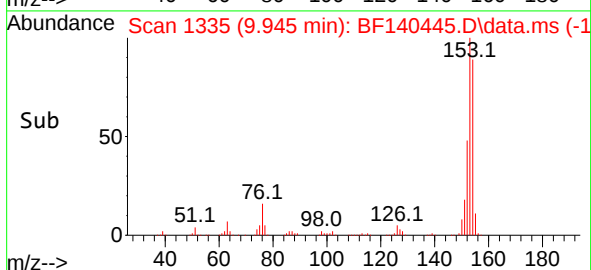
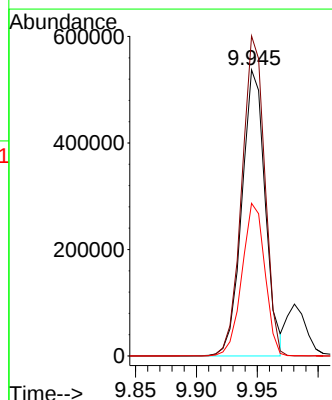
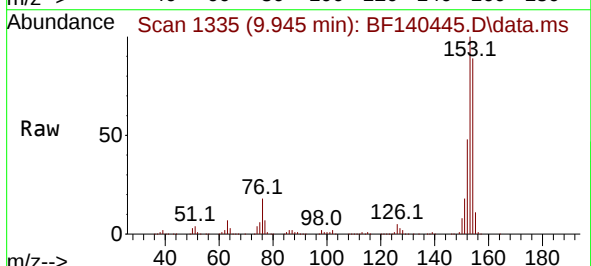
Tgt Ion:154 Resp: 716507

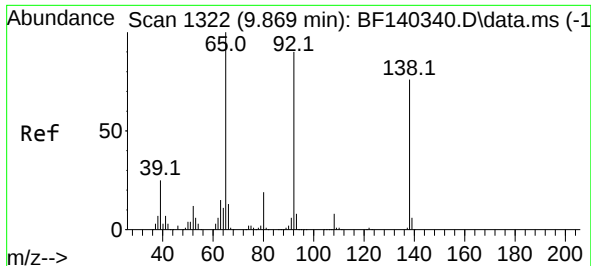
Ion Ratio Lower Upper

154 100

153 111.8 89.8 134.8

152 53.3 42.6 64.0

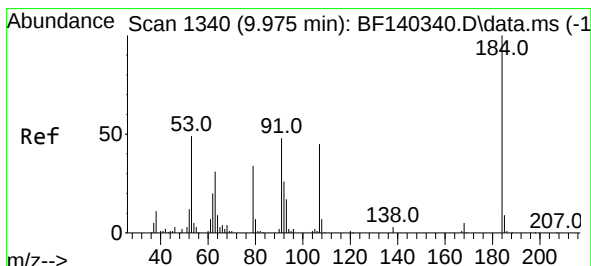
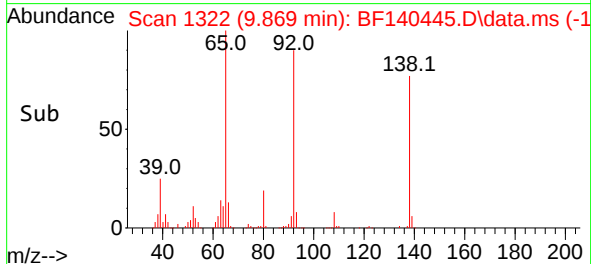
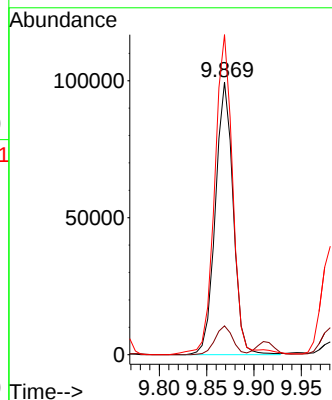
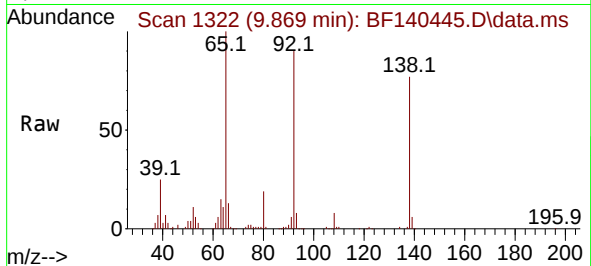




#53
3-Nitroaniline
Concen: 27.463 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

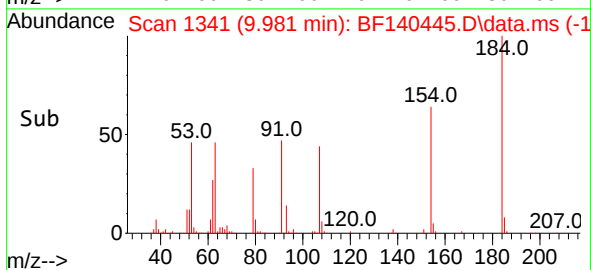
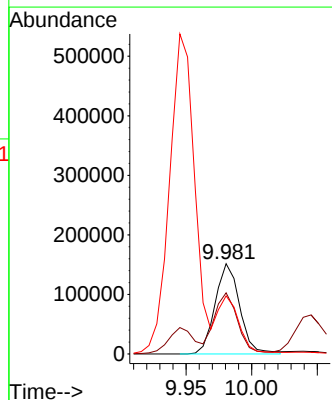
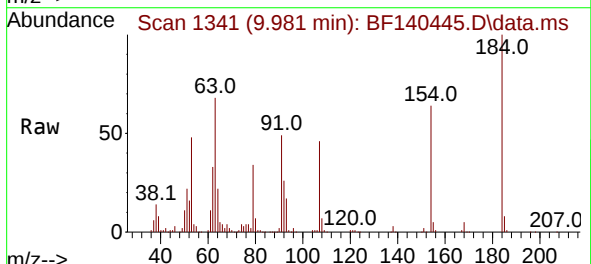
Instrument :
BNA_F
ClientSampleId :
PB165029BS

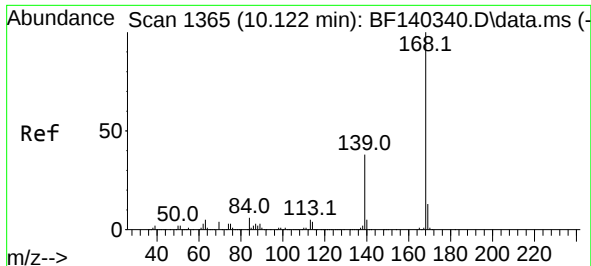
Tgt Ion:138 Resp: 130001
Ion Ratio Lower Upper
138 100
108 10.5 8.4 12.6
92 117.4 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 85.263 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:184 Resp: 198188
Ion Ratio Lower Upper
184 100
63 67.8 53.5 80.3
154 64.4 51.3 76.9

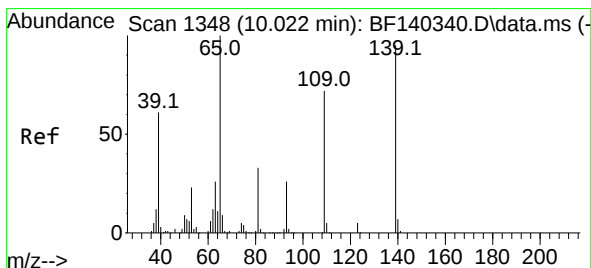
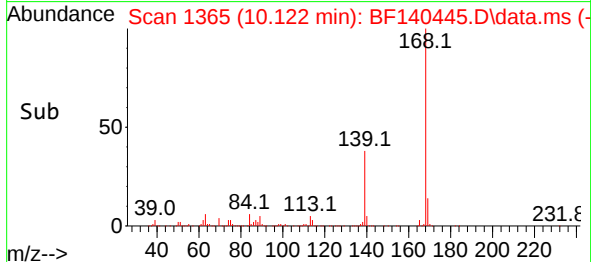
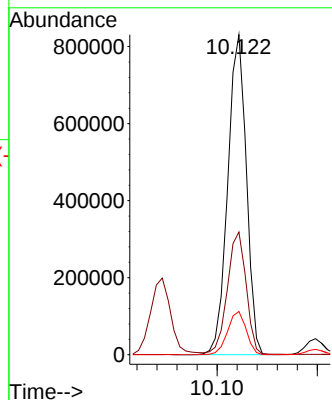
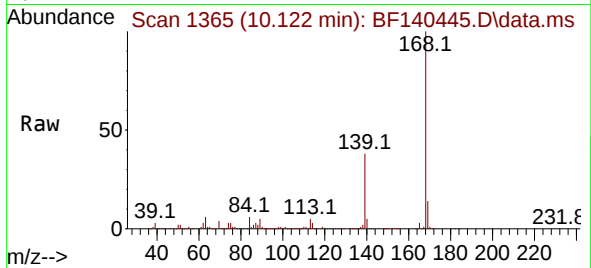




#55
Dibenzenofuran
Concen: 44.022 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

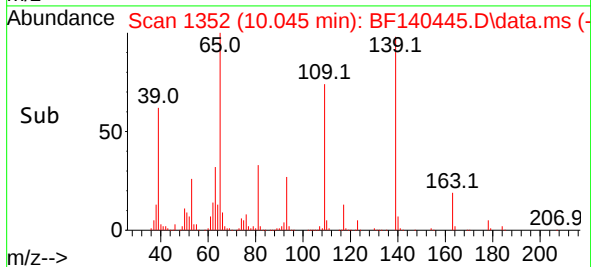
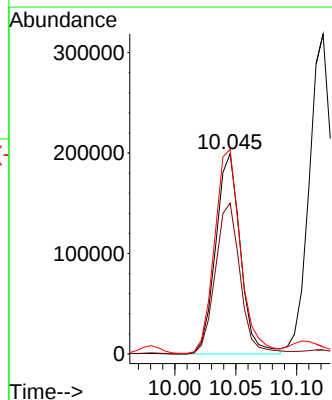
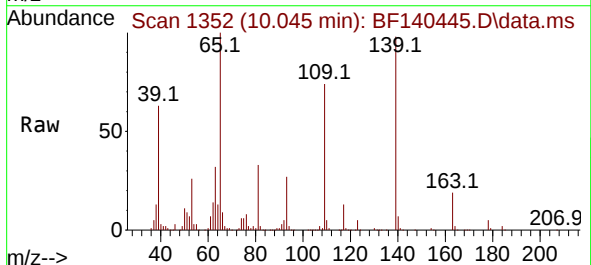
Instrument :
BNA_F
ClientSampleId :
PB165029BS

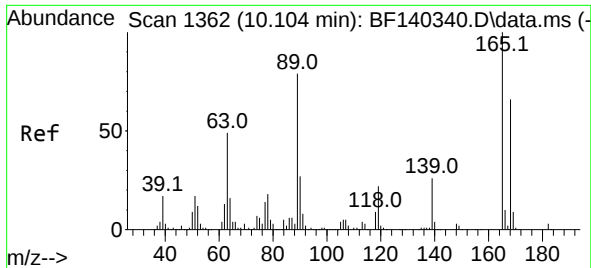
Tgt Ion:168 Resp: 1070551
Ion Ratio Lower Upper
168 100
139 38.3 30.8 46.2
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 81.325 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:139 Resp: 280804
Ion Ratio Lower Upper
139 100
109 75.4 54.5 94.5
65 102.2 84.4 124.4

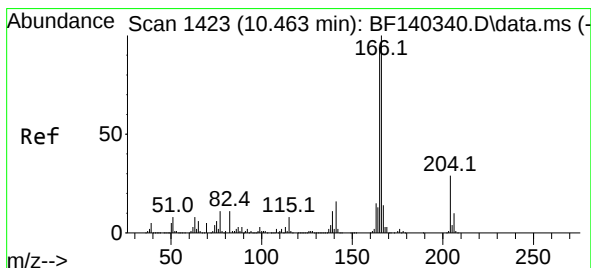
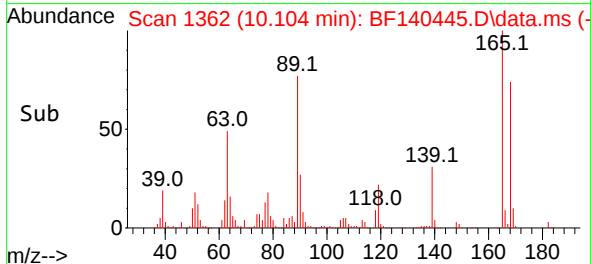
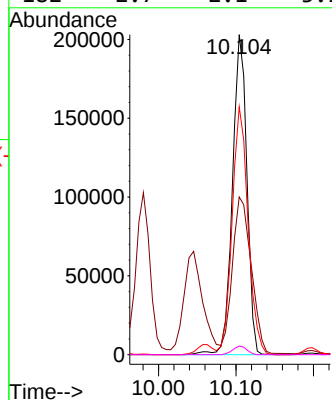
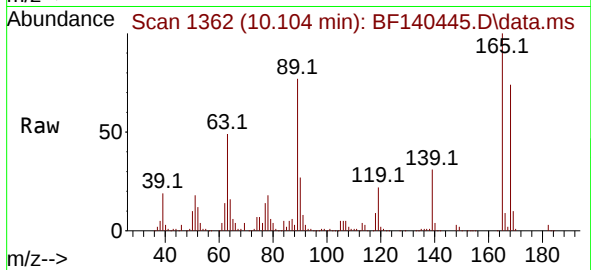




#57
2,4-Dinitrotoluene
Concen: 44.368 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

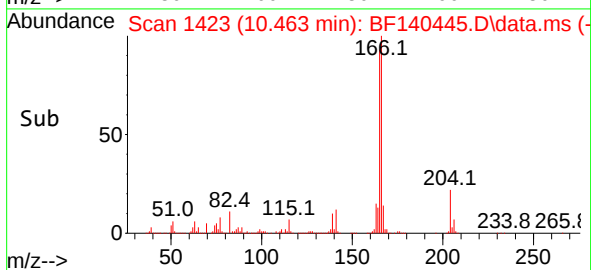
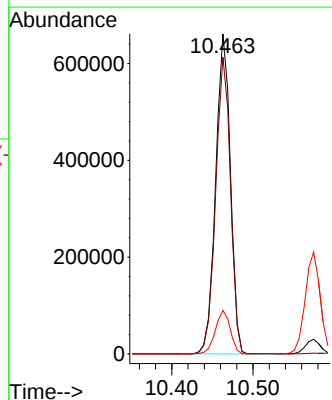
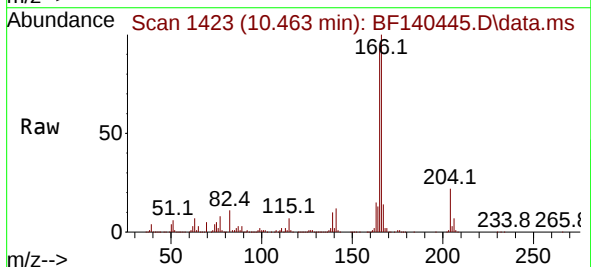
Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:165 Resp: 263206
Ion Ratio Lower Upper
165 100
63 49.3 39.4 59.0
89 77.4 62.4 93.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 43.403 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:166 Resp: 833821
Ion Ratio Lower Upper
166 100
165 92.7 73.9 110.9
167 13.6 10.9 16.3



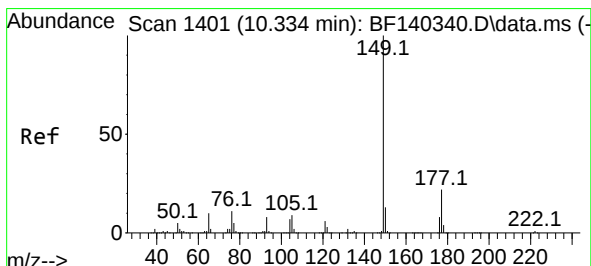
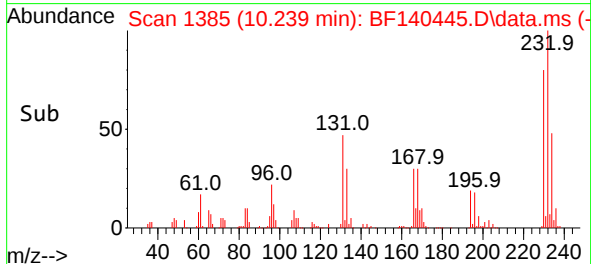
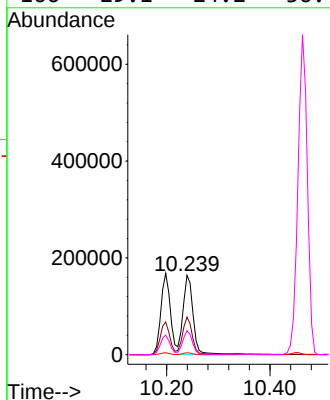
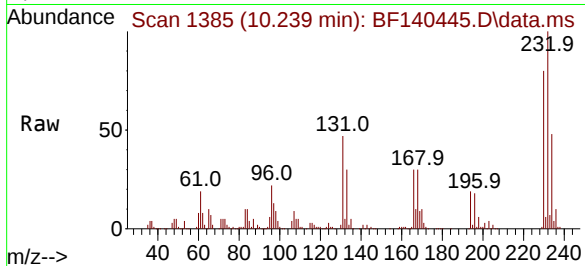


#59
2,3,4,6-Tetrachlorophenol
Concen: 45.992 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB165029BS

Tgt Ion:232 Resp: 218568

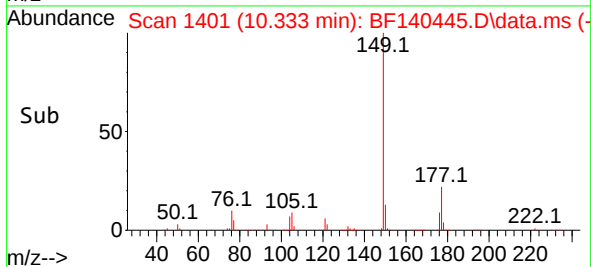
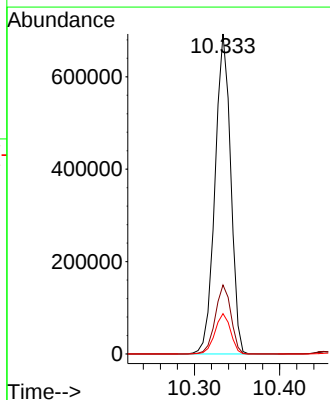
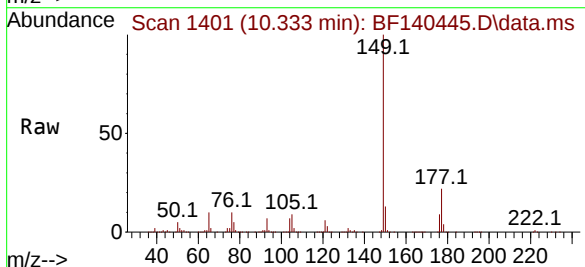
Ion	Ratio	Lower	Upper
232	100		
131	46.8	36.8	55.2
130	2.2	1.9	2.9
166	29.1	24.2	36.4

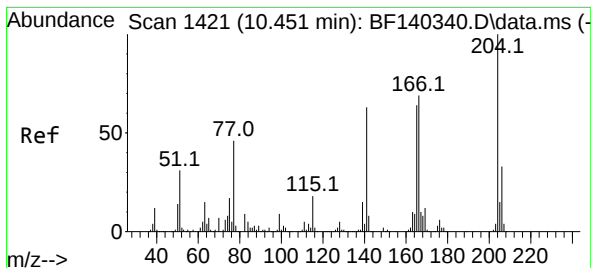


#60
Diethylphthalate
Concen: 43.808 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:149 Resp: 885703

Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.5	26.3
150	12.6	10.1	15.1

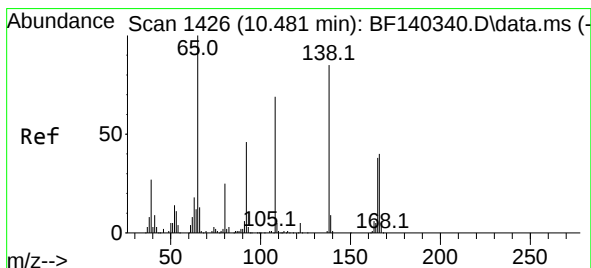
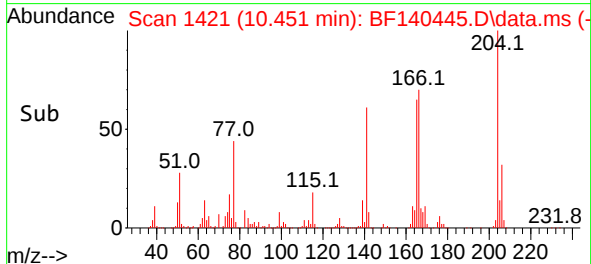
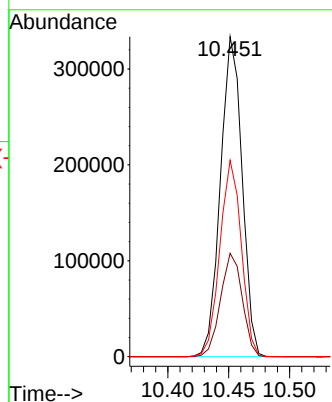
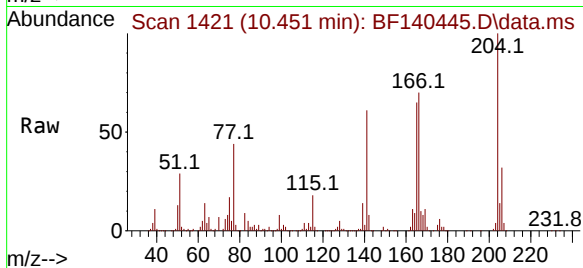




#61
4-Chlorophenyl-phenylether
Concen: 43.611 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

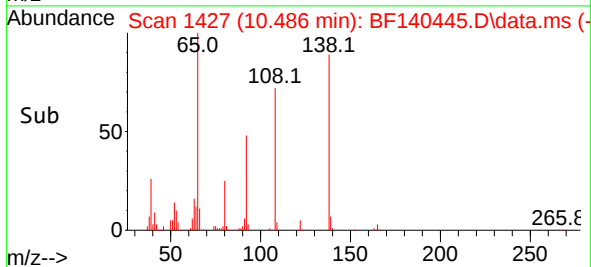
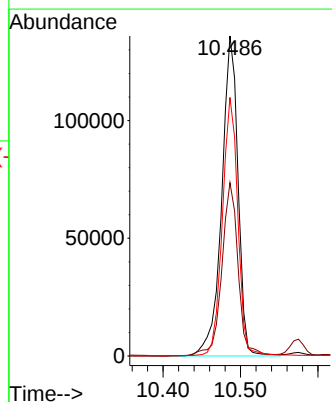
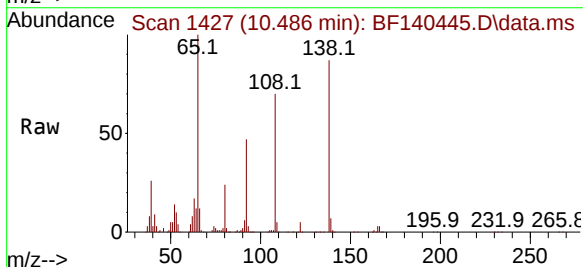
Instrument :
BNA_F
ClientSampleId :
PB165029BS

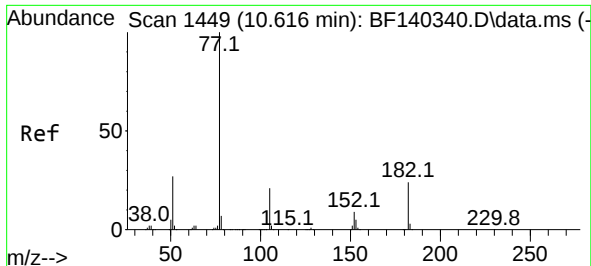
Tgt Ion:204 Resp: 413629
Ion Ratio Lower Upper
204 100
206 32.3 26.0 39.0
141 61.4 49.8 74.8



#62
4-Nitroaniline
Concen: 41.299 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:138 Resp: 199894
Ion Ratio Lower Upper
138 100
92 54.2 33.8 73.8
108 80.8 59.9 99.9

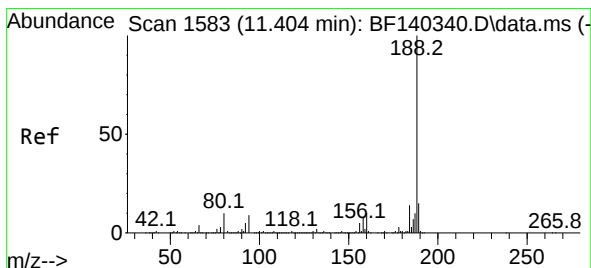
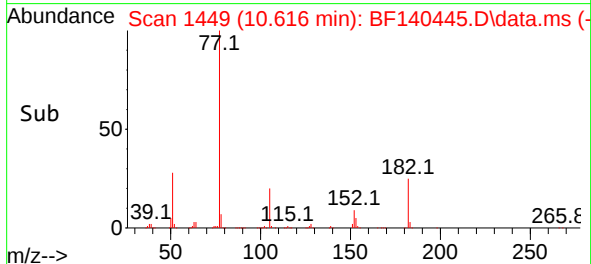
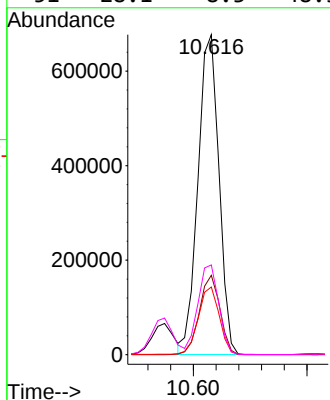
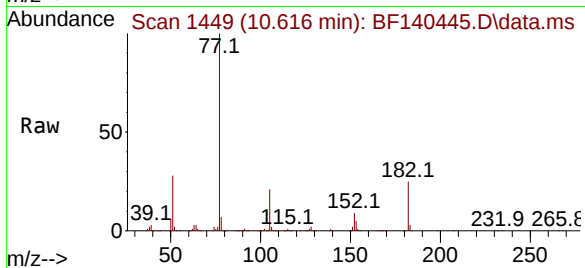




#63
Azobenzene
Concen: 43.520 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

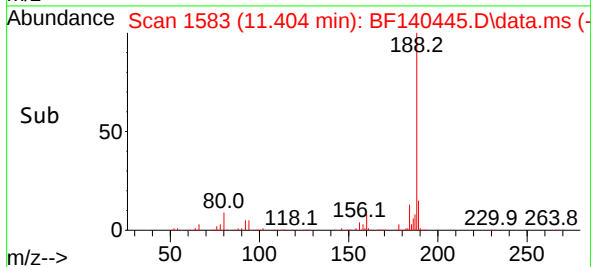
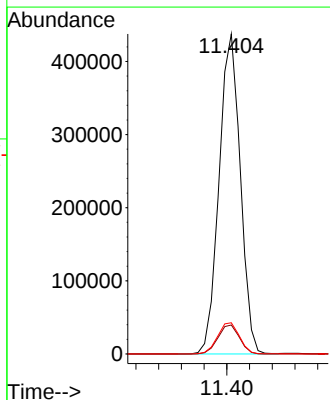
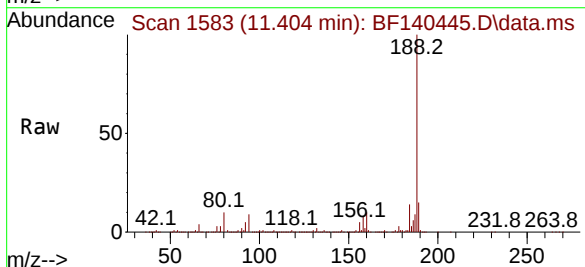
Instrument :
BNA_F
ClientSampleId :
PB165029BS

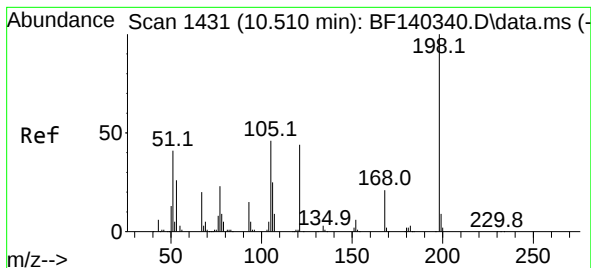
Tgt Ion: 77	Resp: 869372
Ion Ratio	Lower Upper
77 100	
182 24.8	4.6 44.6
105 21.2	0.9 40.9
51 28.1	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:188	Resp: 568567
Ion Ratio	Lower Upper
188 100	
94 9.0	7.6 11.4
80 9.8	8.0 12.0

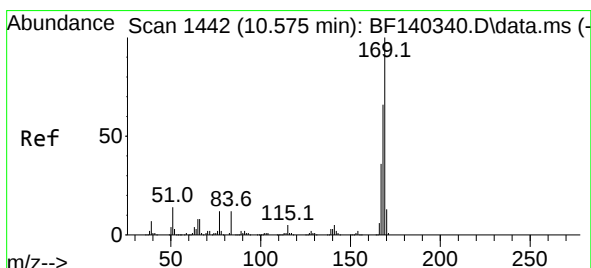
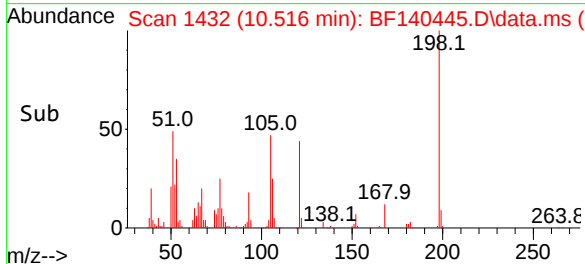
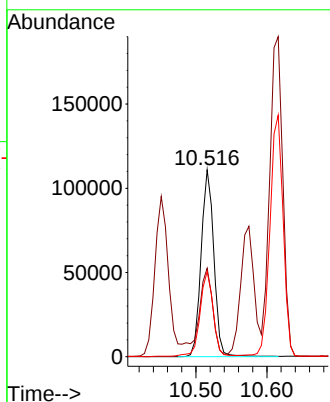
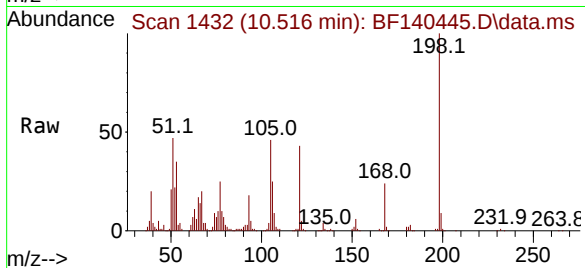




#65
4,6-Dinitro-2-methylphenol
Concen: 45.455 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

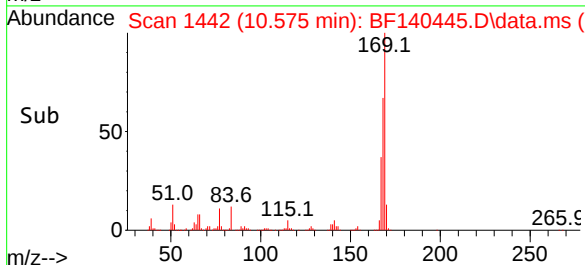
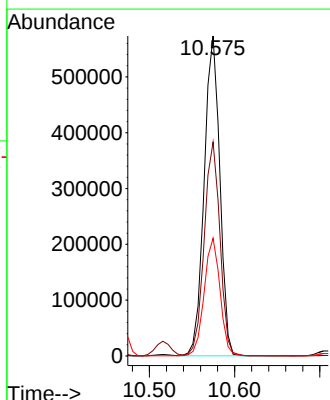
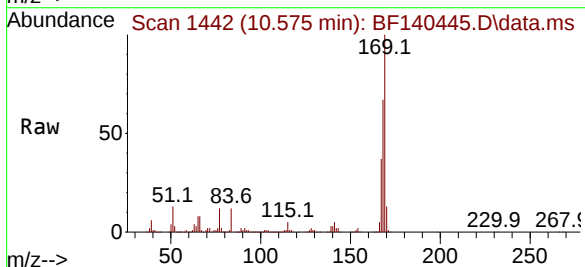
Instrument :
BNA_F
ClientSampleId :
PB165029BS

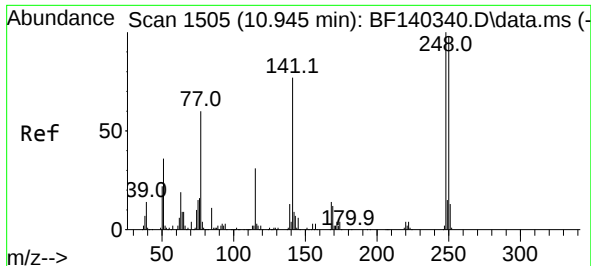
Tgt Ion:198 Resp: 139047
Ion Ratio Lower Upper
198 100
51 47.4 29.7 69.7
105 45.6 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 44.463 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:169 Resp: 730437
Ion Ratio Lower Upper
169 100
168 66.8 52.7 79.1
167 36.8 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 43.926 ng

RT: 10.945 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

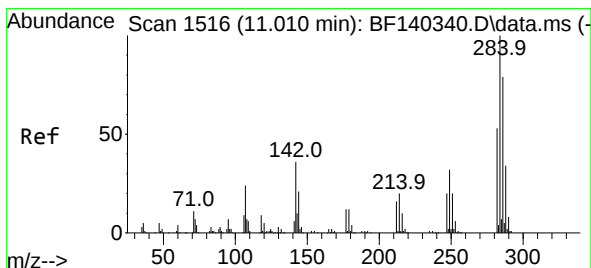
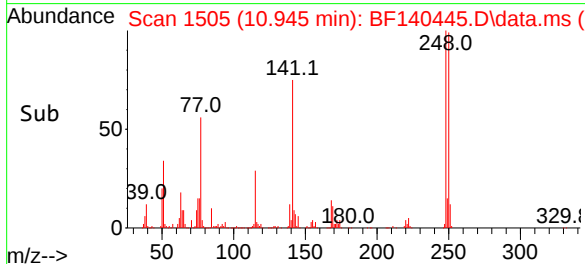
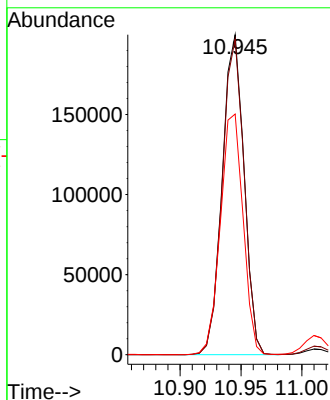
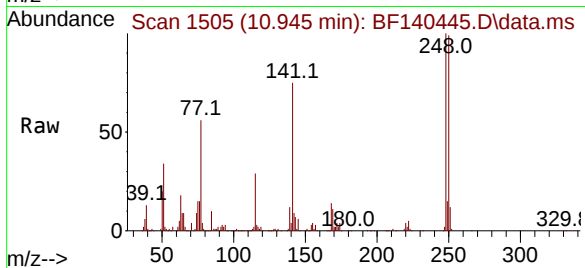
Tgt Ion:248 Resp: 249652

Ion Ratio Lower Upper

248 100

250 98.6 77.9 116.9

141 75.2 61.8 92.6



#68

Hexachlorobenzene

Concen: 44.343 ng

RT: 11.010 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

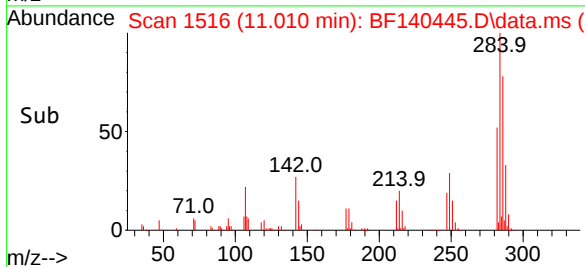
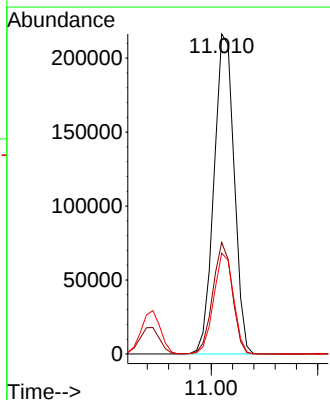
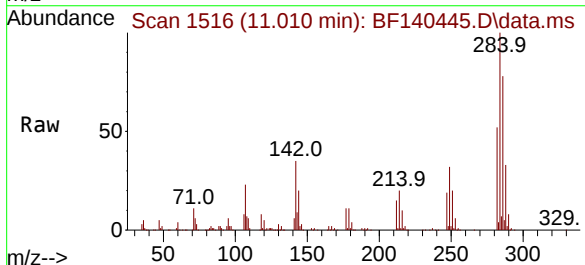
Tgt Ion:284 Resp: 283562

Ion Ratio Lower Upper

284 100

142 34.8 28.1 42.1

249 31.5 24.9 37.3





#69

Atrazine

Concen: 49.585 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

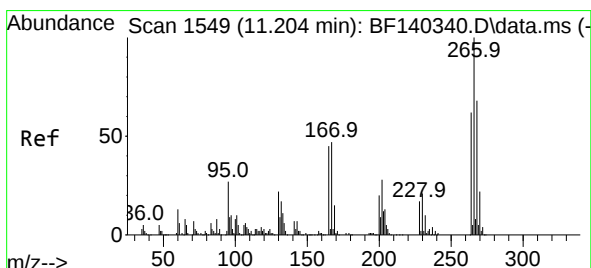
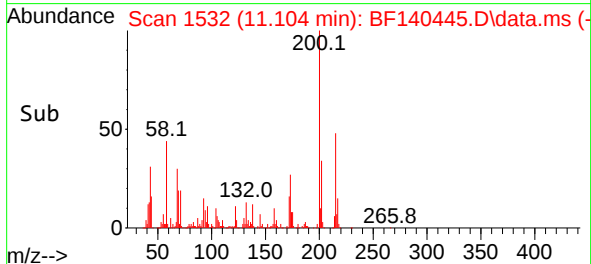
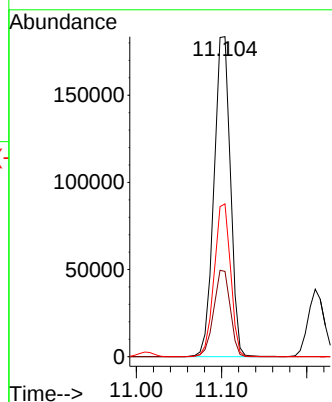
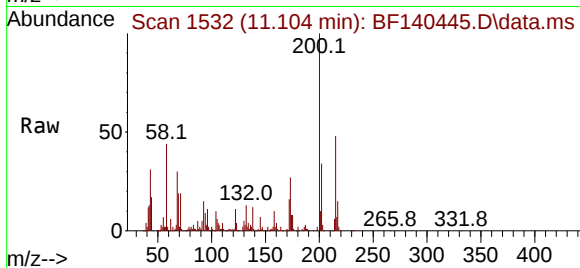
Tgt Ion:200 Resp: 246446

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 47.8 27.2 67.2



#70

Pentachlorophenol

Concen: 82.067 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

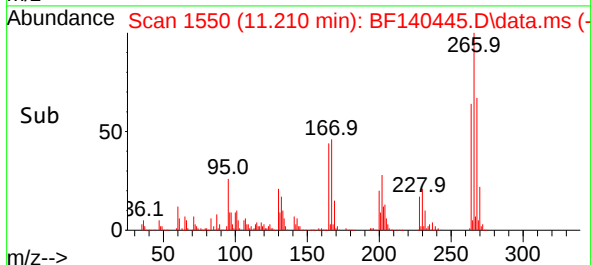
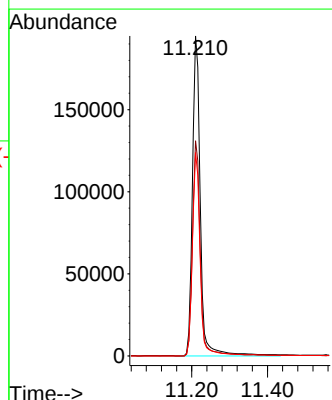
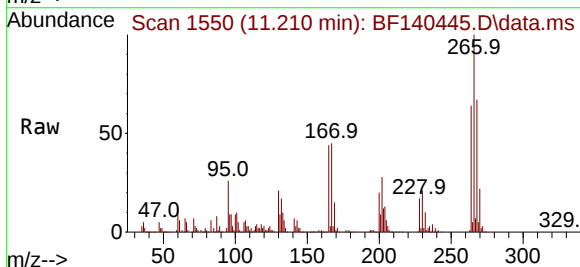
Tgt Ion:266 Resp: 282690

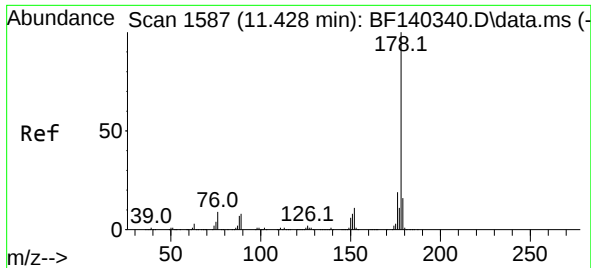
Ion Ratio Lower Upper

266 100

268 67.3 52.9 79.3

264 63.5 50.3 75.5

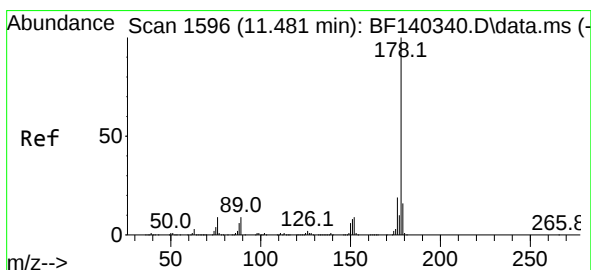
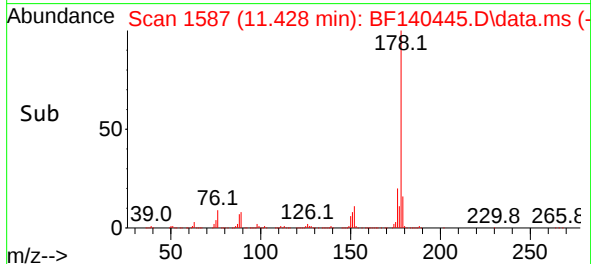
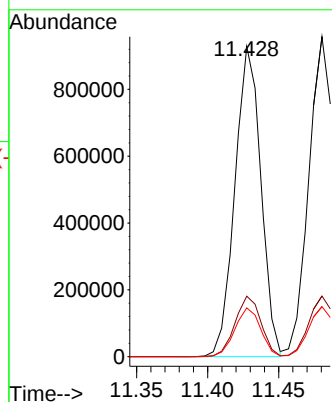
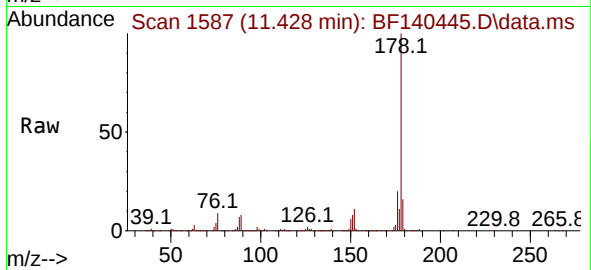




#71
Phenanthrene
Concen: 44.311 ng
RT: 11.428 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

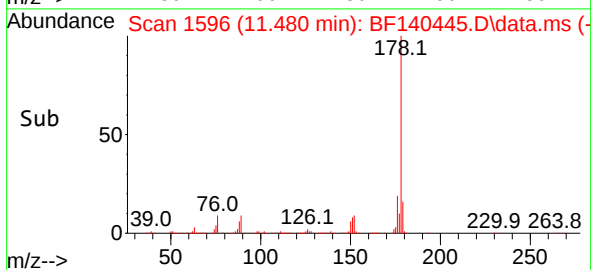
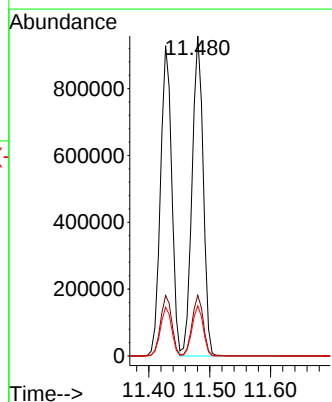
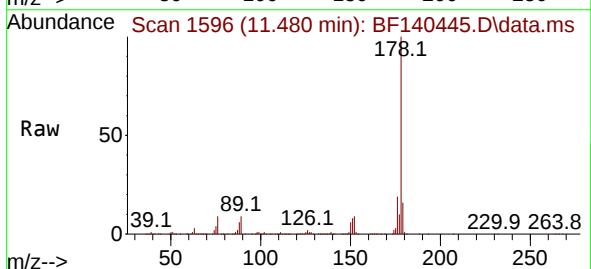
Instrument :
BNA_F
ClientSampleId :
PB165029BS

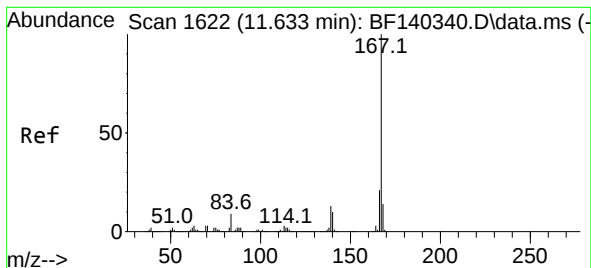
Tgt Ion:178 Resp: 1183501
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 15.7 12.4 18.6



#72
Anthracene
Concen: 46.209 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:178 Resp: 1209578
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.7 12.6 18.8





#73

Carbazole

Concen: 42.548 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

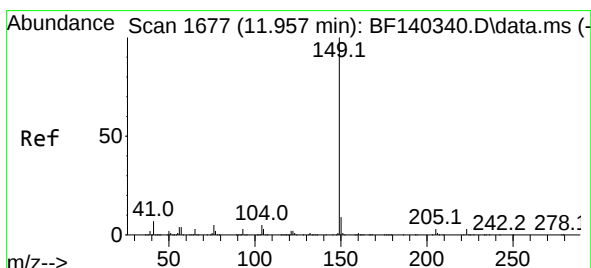
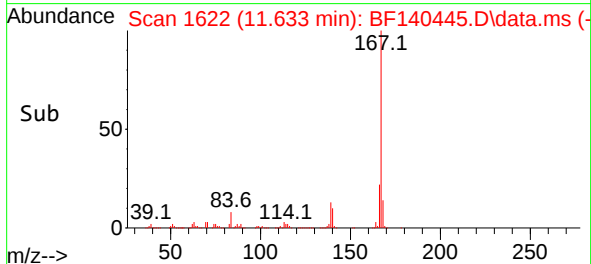
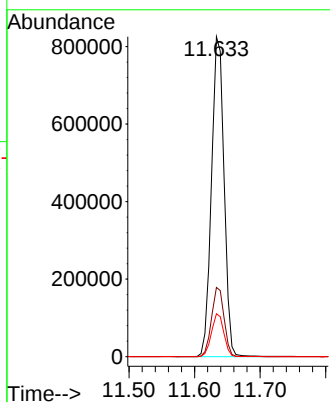
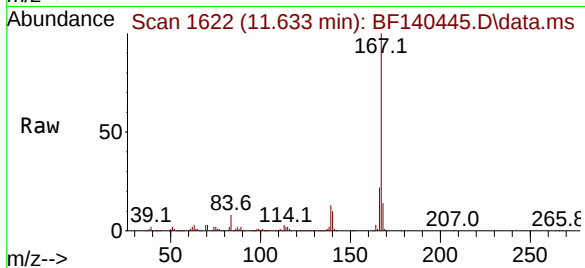
BNA_F

ClientSampleId :

PB165029BS

Tgt Ion:167 Resp: 1099728

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.4	10.4	15.6



#74

Di-n-butylphthalate

Concen: 44.103 ng

RT: 11.957 min Scan# 1677

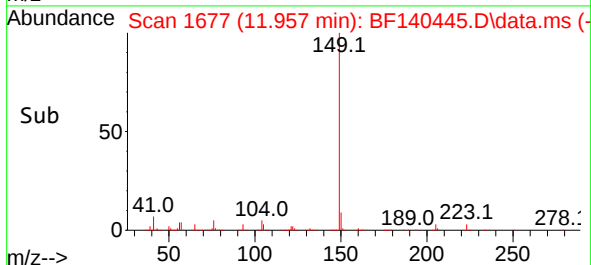
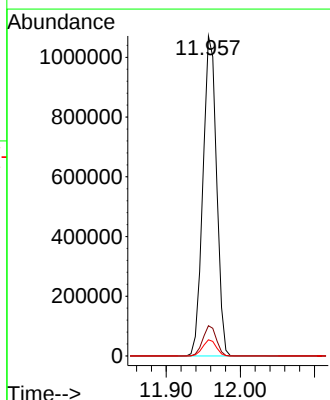
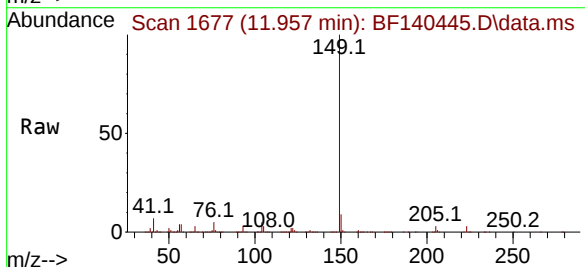
Delta R.T. -0.000 min

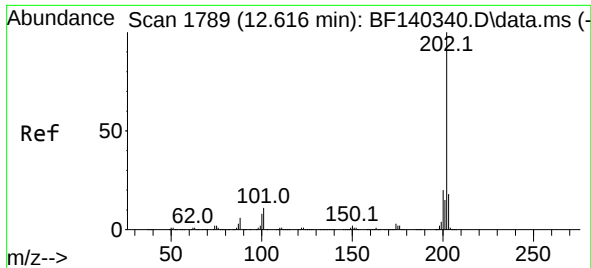
Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Tgt Ion:149 Resp: 1368135

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.1	4.0	6.0

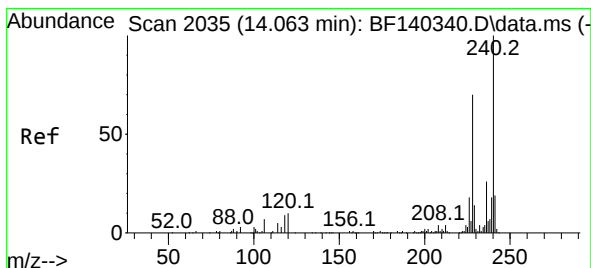
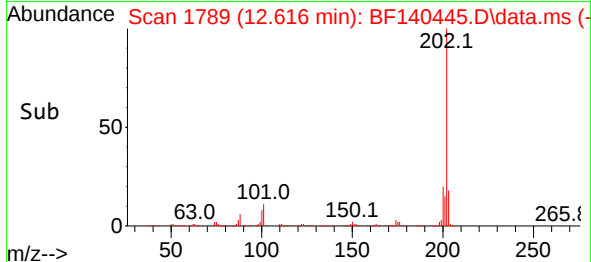
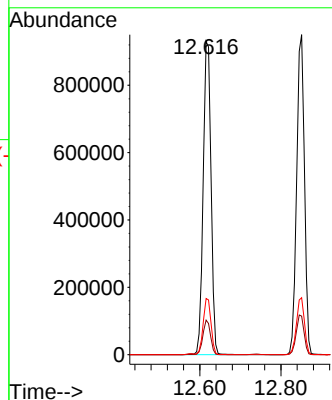
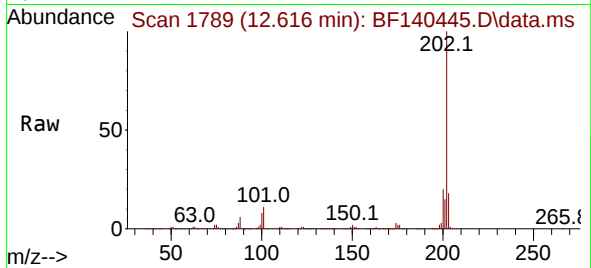




#75
Fluoranthene
Concen: 41.910 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

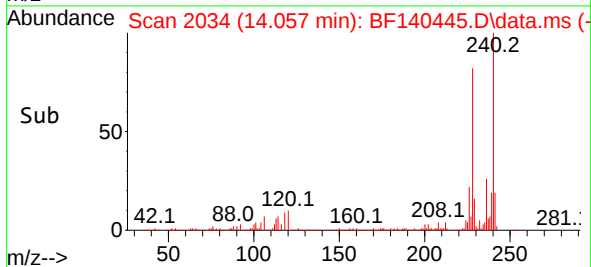
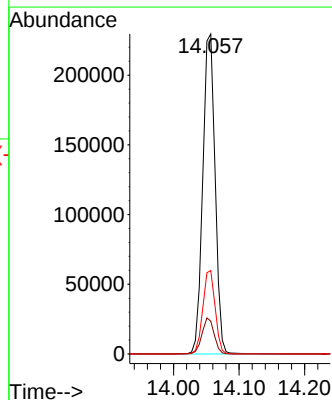
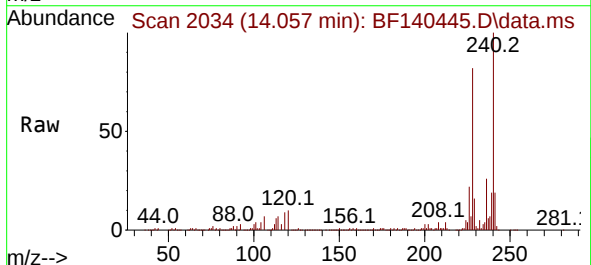
Instrument :
BNA_F
ClientSampleId :
PB165029BS

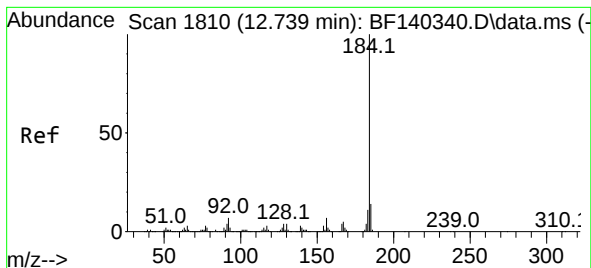
Tgt Ion:202 Resp: 1255837
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.7
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:240 Resp: 301677
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 26.0 20.9 31.3





#77

Benzidine

Concen: 27.104 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

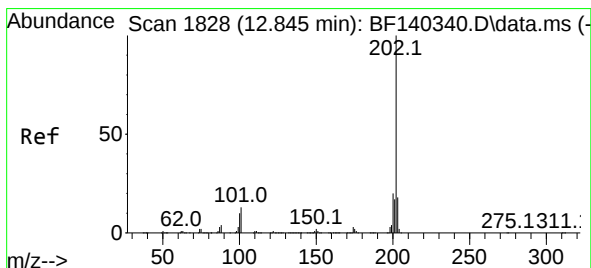
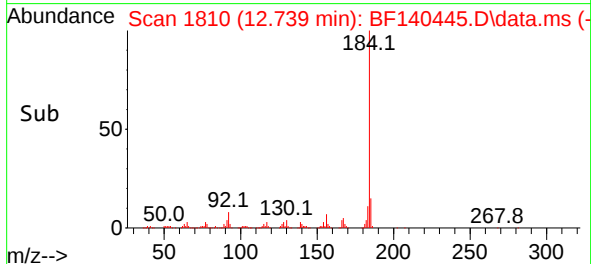
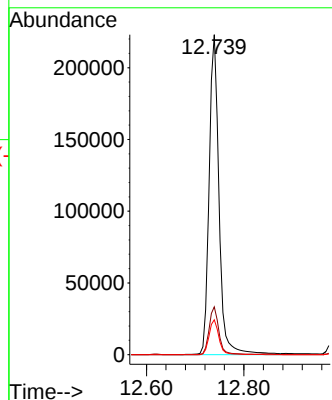
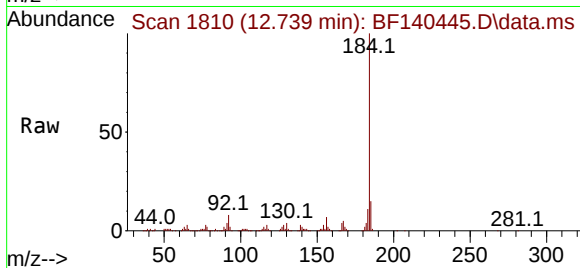
Tgt Ion:184 Resp: 313825

Ion Ratio Lower Upper

184 100

185 14.9 11.9 17.9

183 10.9 8.6 13.0



#78

Pyrene

Concen: 48.846 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

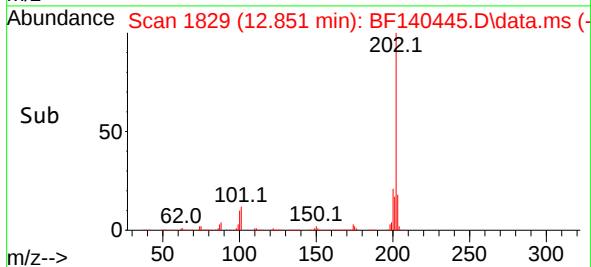
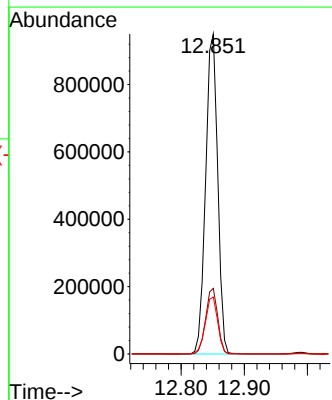
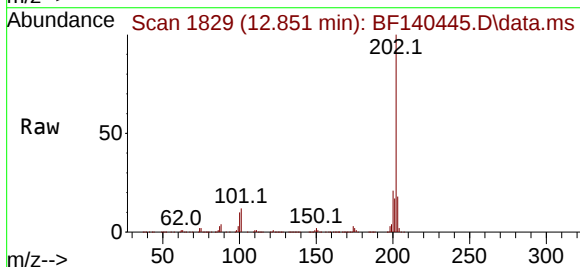
Tgt Ion:202 Resp: 1260459

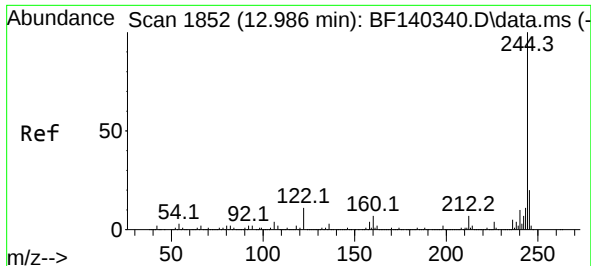
Ion Ratio Lower Upper

202 100

200 20.5 16.2 24.2

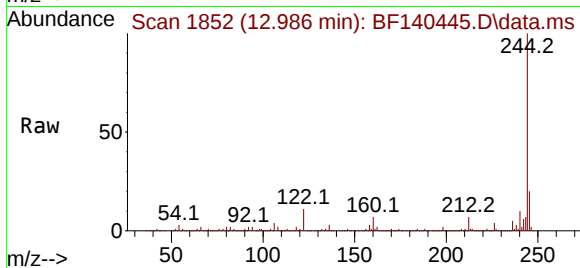
203 17.8 14.2 21.4



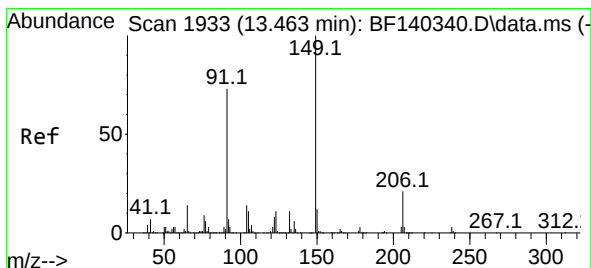
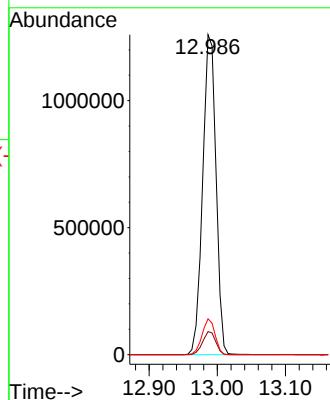
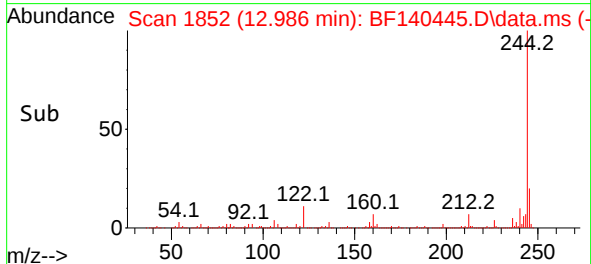


#79
 Terphenyl-d14
 Concen: 98.535 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140445.D
 Acq: 18 Nov 2024 11:05

Instrument :
 BNA_F
 ClientSampleId :
 PB165029BS

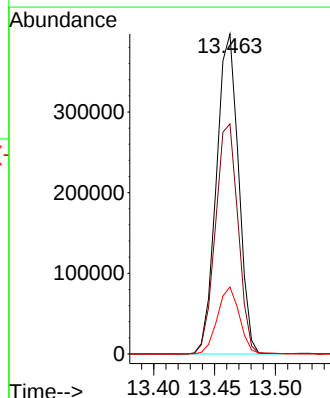
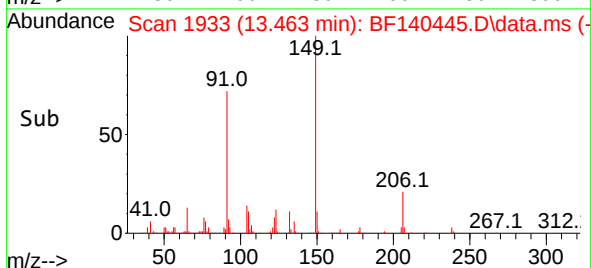
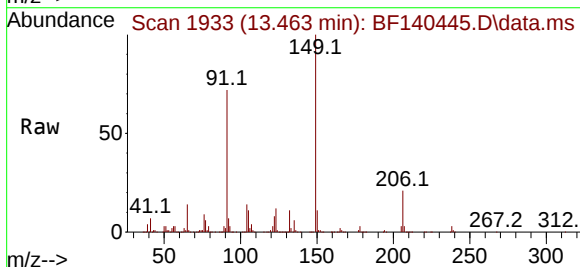


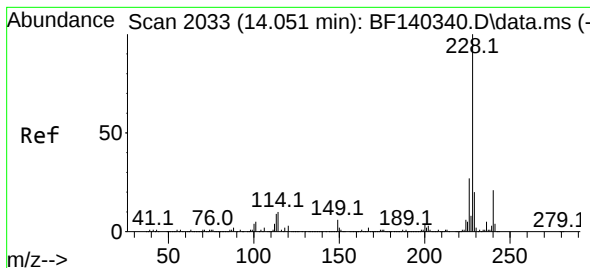
Tgt Ion:244 Resp: 1712516
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.2 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 50.700 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.006 min
 Lab File: BF140445.D
 Acq: 18 Nov 2024 11:05

Tgt Ion:149 Resp: 502582
 Ion Ratio Lower Upper
 149 100
 91 71.9 61.0 91.4
 206 20.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 46.952 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

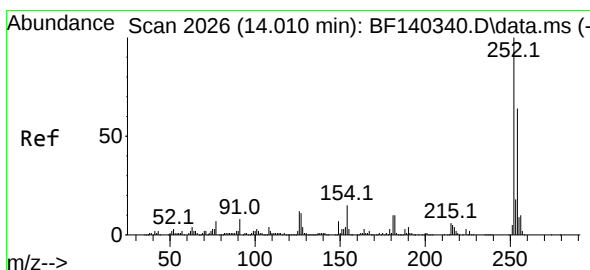
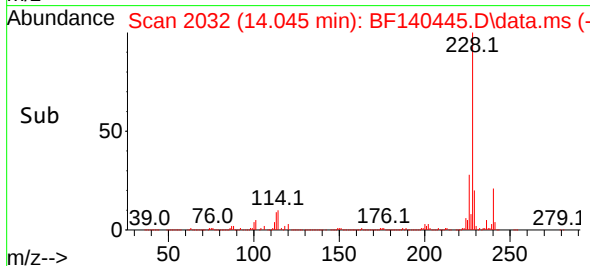
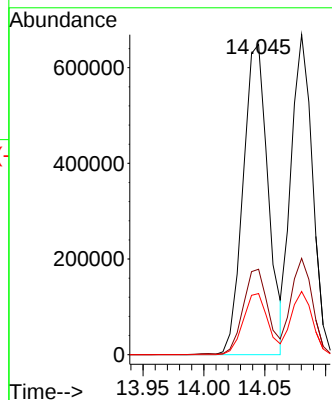
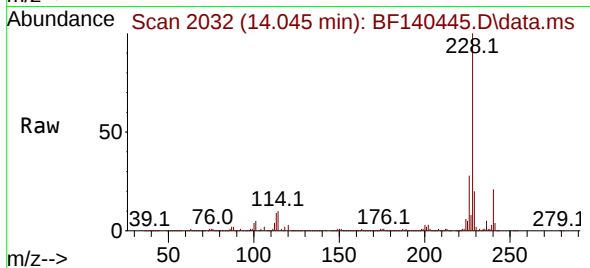
Tgt Ion:228 Resp: 930920

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 28.188 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

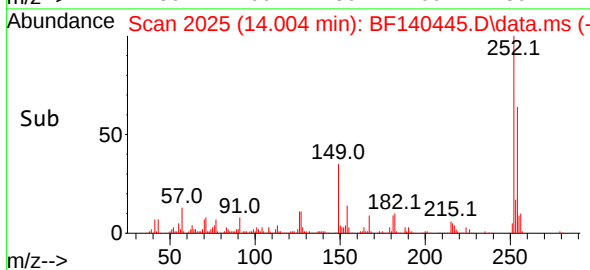
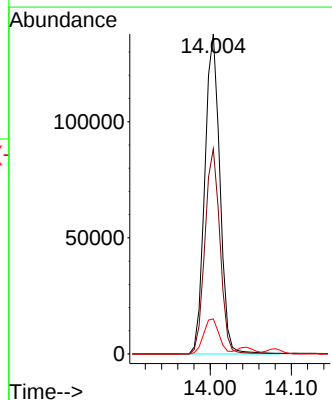
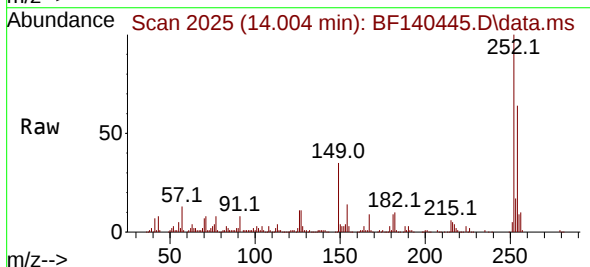
Tgt Ion:252 Resp: 177638

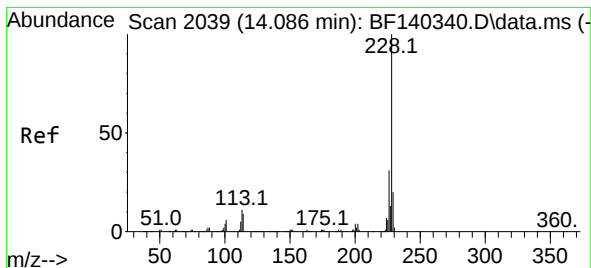
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.2

126 11.0 9.4 14.0





#83

Chrysene

Concen: 45.152 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

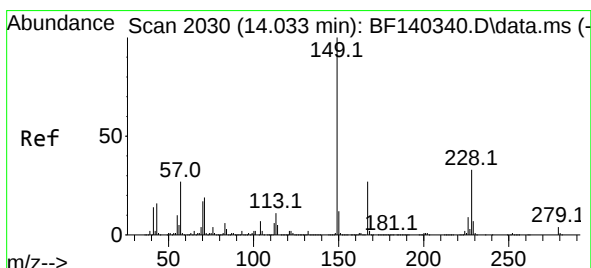
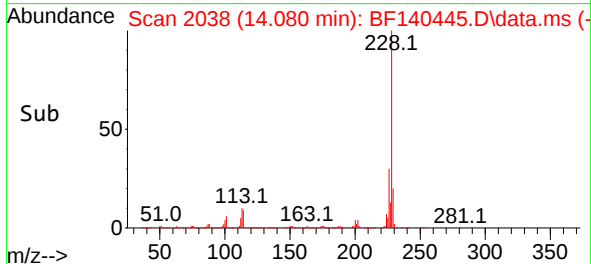
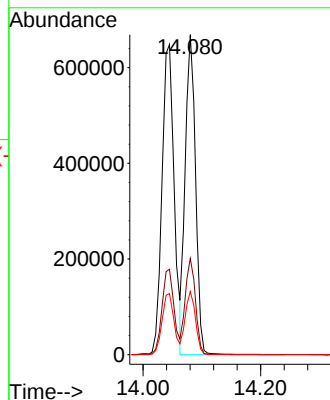
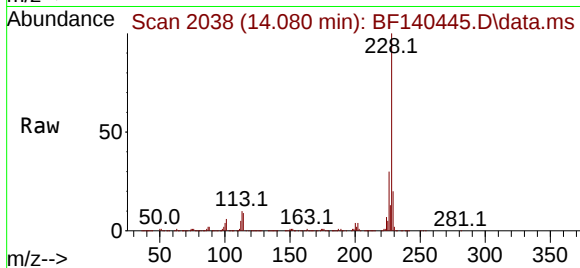
Tgt Ion:228 Resp: 816823

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.499 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

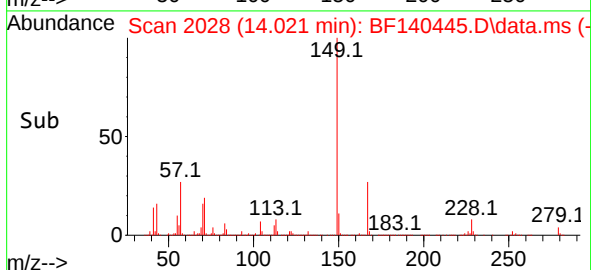
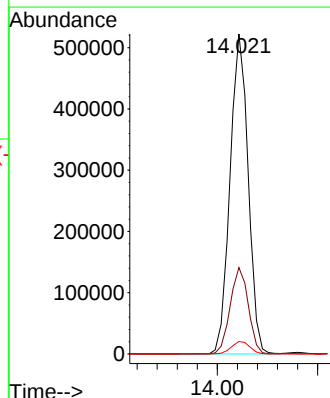
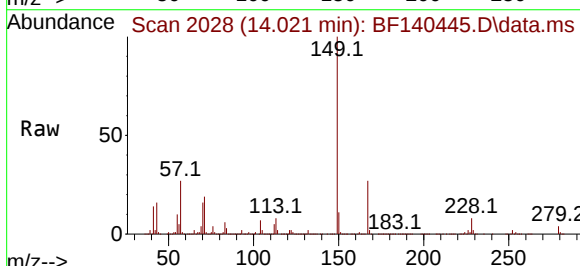
Tgt Ion:149 Resp: 654935

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 45.603 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

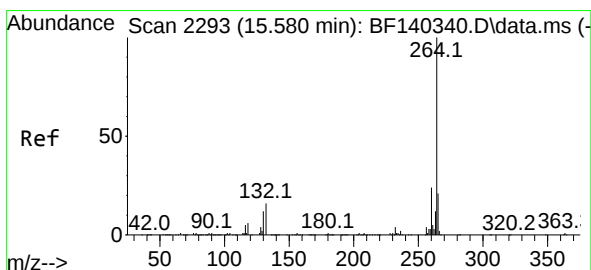
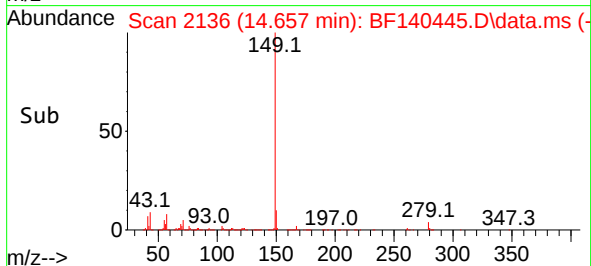
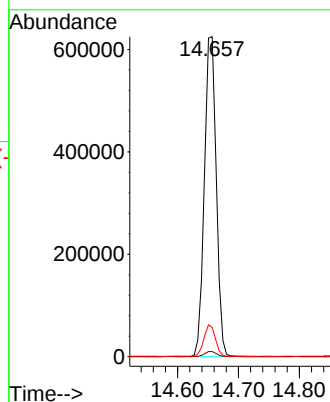
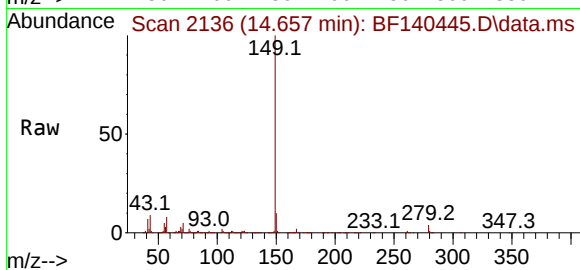
Tgt Ion:149 Resp: 849818

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. -0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

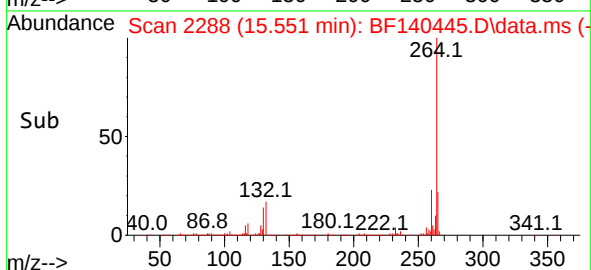
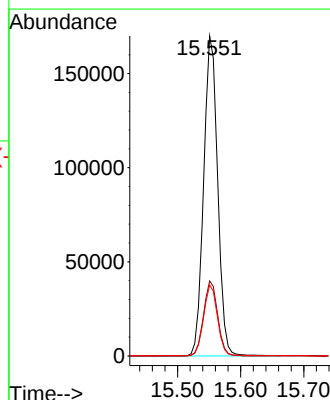
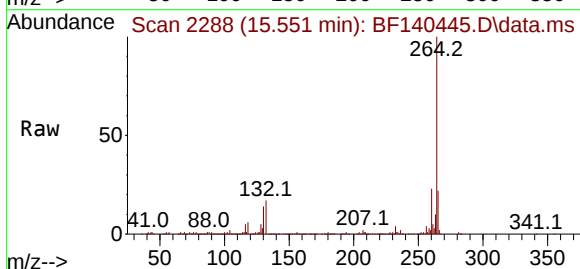
Tgt Ion:264 Resp: 262350

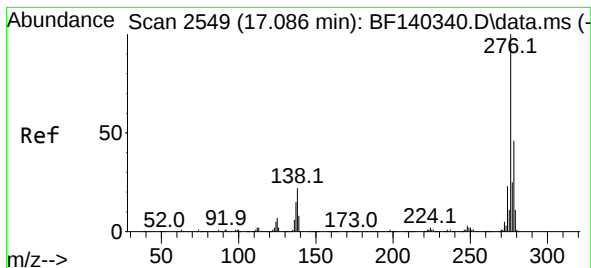
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 22.2 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.707 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

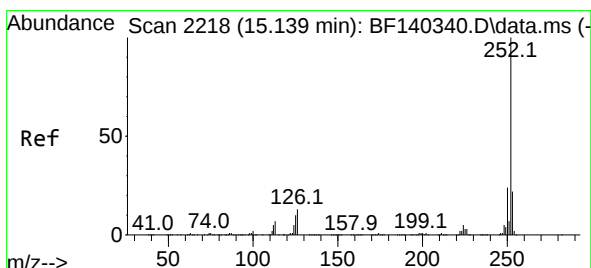
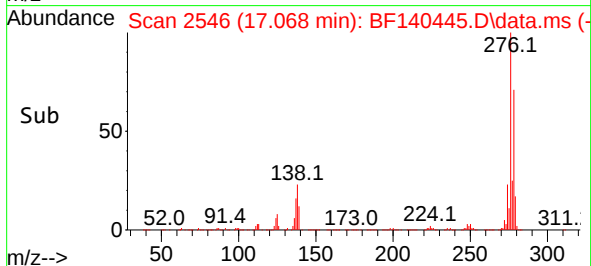
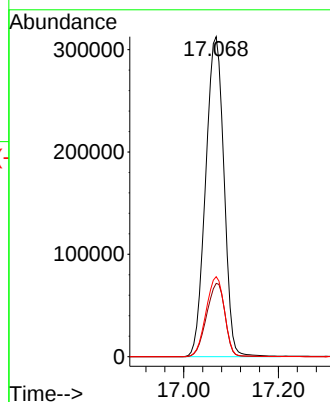
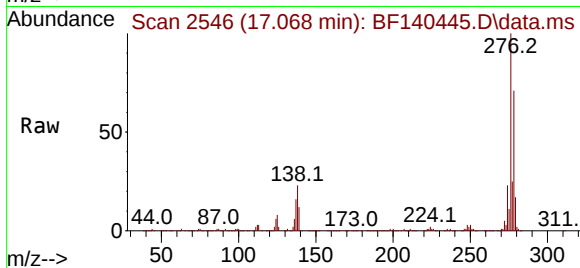
Tgt Ion:276 Resp: 837971

Ion Ratio Lower Upper

276 100

138 23.2 18.8 28.2

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 43.392 ng

RT: 15.116 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

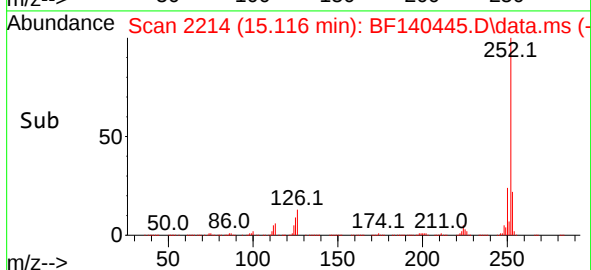
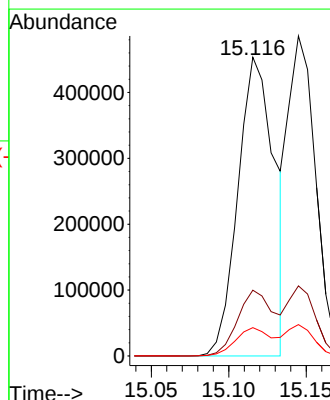
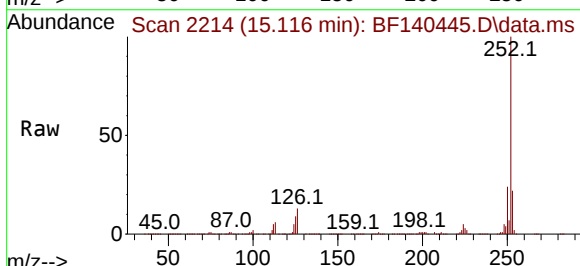
Tgt Ion:252 Resp: 744683

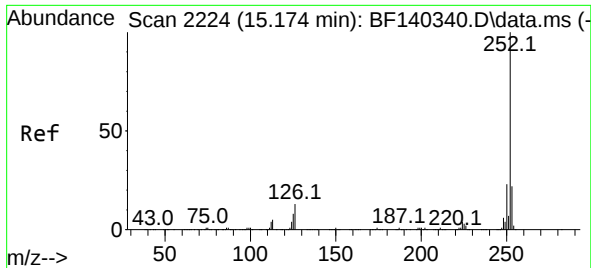
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

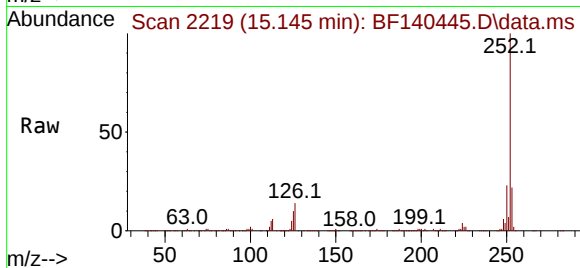
125 9.5 8.0 12.0



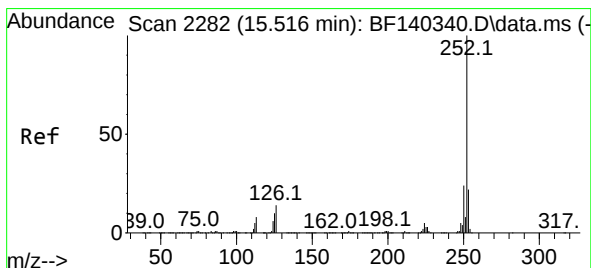
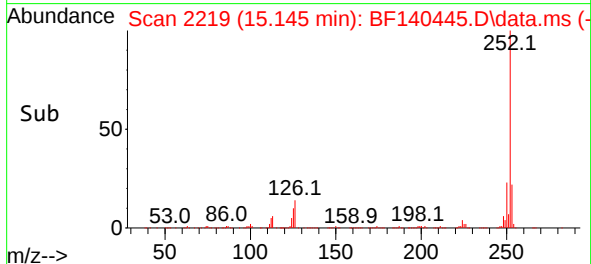
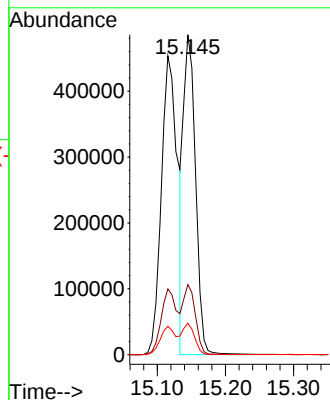


#89
Benzo(k)fluoranthene
Concen: 42.735 ng
RT: 15.145 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Instrument :
BNA_F
ClientSampleId :
PB165029BS

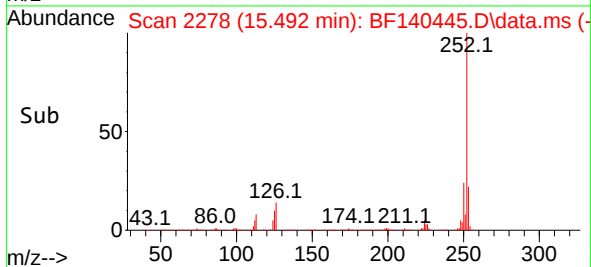
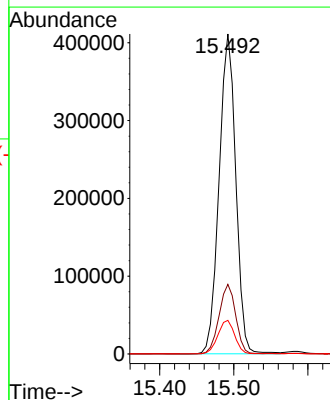
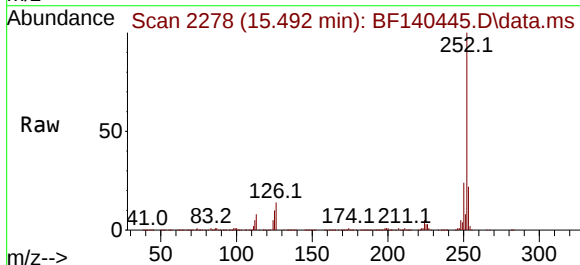


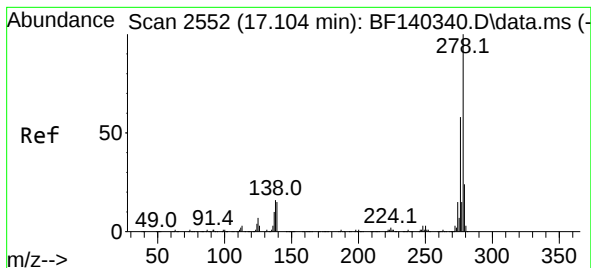
Tgt Ion:252 Resp: 599133
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 48.287 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BF140445.D
Acq: 18 Nov 2024 11:05

Tgt Ion:252 Resp: 643530
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.837 ng

RT: 17.080 min Scan# 2548

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Instrument :

BNA_F

ClientSampleId :

PB165029BS

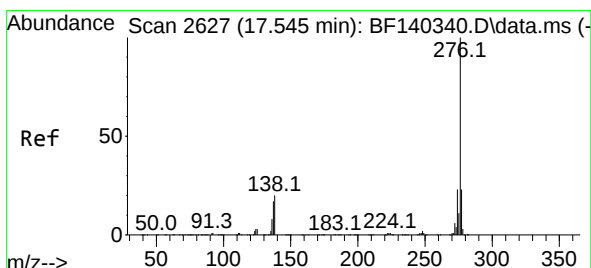
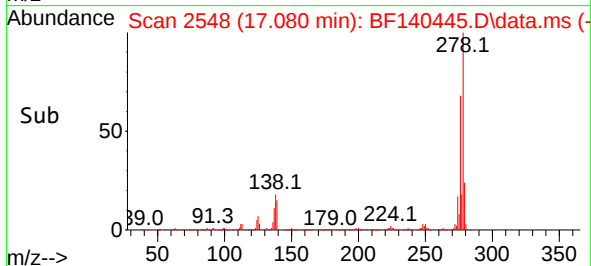
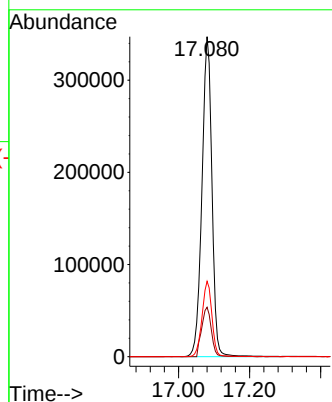
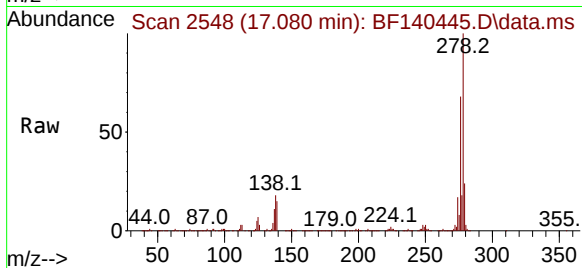
Tgt Ion:278 Resp: 681008

Ion Ratio Lower Upper

278 100

139 15.5 11.8 17.8

279 23.6 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.529 ng

RT: 17.521 min Scan# 2623

Delta R.T. 0.006 min

Lab File: BF140445.D

Acq: 18 Nov 2024 11:05

Tgt Ion:276 Resp: 637219

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 20.2 16.0 24.0

