

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140616.D
 Acq On : 25 Nov 2024 21:11
 Operator : RC/JU
 Sample : P4860-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006MS

Quant Time: Nov 26 00:10:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	62751	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	229868	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	123028	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	248895	20.000	ng	0.00
76) Chrysene-d12	14.045	240	146278	20.000	ng	0.00
86) Perylene-d12	15.533	264	146323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	377628	102.678	ng	0.00
7) Phenol-d6	6.510	99	503278	103.510	ng	0.00
23) Nitrobenzene-d5	7.434	82	323834	72.060	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	156051	118.598	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	623523	75.512	ng	-0.01
79) Terphenyl-d14	12.980	244	719566	76.598	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	68007	43.980	ng	99
3) Pyridine	3.416	79	168630	49.564	ng	98
4) n-Nitrosodimethylamine	3.363	42	91522	45.770	ng	99
6) Aniline	6.534	93	129224	37.760	ng	91
8) 2-Chlorophenol	6.657	128	189668	47.935	ng	96
9) Benzaldehyde	6.422	77	15474	6.012	ng	98
10) Phenol	6.522	94	239686	48.271	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	175845	46.279	ng	99
12) 1,3-Dichlorobenzene	6.810	146	201106	45.233	ng	100
13) 1,4-Dichlorobenzene	6.887	146	205910	45.740	ng	99
14) 1,2-Dichlorobenzene	7.040	146	195317	46.302	ng	99
15) Benzyl Alcohol	7.010	79	172200	47.757	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	215220	47.945	ng	96
17) 2-Methylphenol	7.128	107	149656	47.250	ng	97
18) Hexachloroethane	7.381	117	76865	45.716	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	133813	46.568	ng	98
20) 3+4-Methylphenols	7.281	107	192779	47.353	ng	99
22) Acetophenone	7.275	105	263695	47.054	ng	98
24) Nitrobenzene	7.451	77	206608	44.483	ng	98
25) Isophorone	7.687	82	352985	47.092	ng	99
26) 2-Nitrophenol	7.769	139	98861	48.030	ng	99
27) 2,4-Dimethylphenol	7.804	122	132314	53.727	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	211652	46.350	ng	100
29) 2,4-Dichlorophenol	8.016	162	156516	47.963	ng	97
30) 1,2,4-Trichlorobenzene	8.093	180	166588	44.710	ng	99
31) Naphthalene	8.175	128	550018	46.453	ng	99
32) Benzoic acid	7.928	122	86736	41.600	ng	95
33) 4-Chloroaniline	8.222	127	56843	16.035	ng	98
34) Hexachlorobutadiene	8.287	225	112272	45.493	ng	99
35) Caprolactam	8.587	113	32833	32.512	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	170772	46.740	ng	99
37) 2-Methylnaphthalene	8.863	142	363888	48.387	ng	98
38) 1-Methylnaphthalene	8.963	142	332371	45.089	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	176187	48.918	ng	99
41) Hexachlorocyclopentadiene	9.016	237	131768	155.219	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	107362	47.505	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

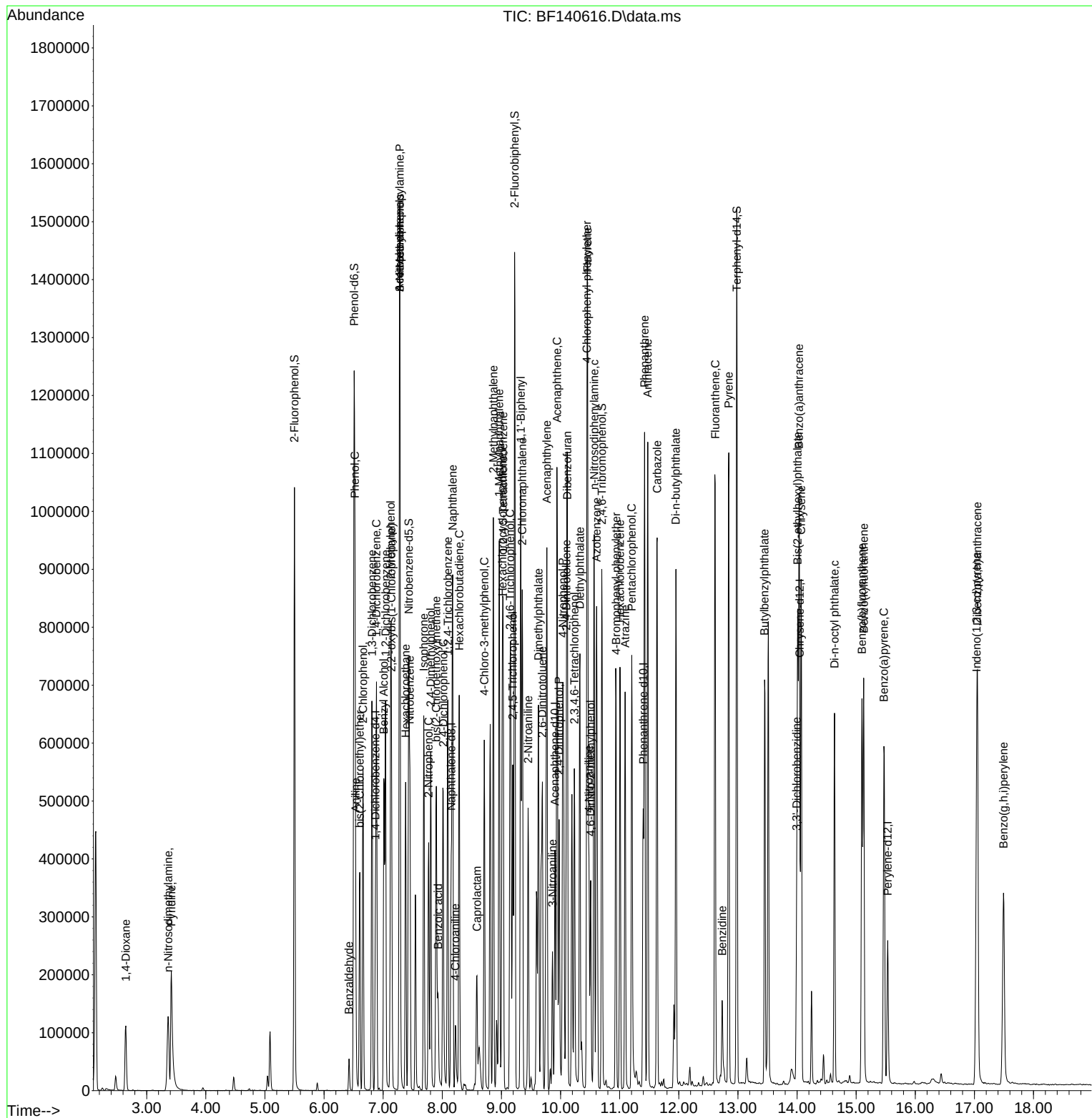
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	117775	48.018	ng	97
46) 1,1'-Biphenyl	9.328	154	444575	48.400	ng	99
47) 2-Chloronaphthalene	9.351	162	332645	47.794	ng	100
48) 2-Nitroaniline	9.451	65	110938	49.659	ng	98
49) Acenaphthylene	9.769	152	545669	51.889	ng	100
50) Dimethylphthalate	9.628	163	395798	48.849	ng	99
51) 2,6-Dinitrotoluene	9.692	165	86649	47.153	ng	95
52) Acenaphthene	9.939	154	331407	49.598	ng	98
53) 3-Nitroaniline	9.863	138	48119	26.773	ng	98
54) 2,4-Dinitrophenol	9.975	184	87224	90.510	ng	99
55) Dibenzofuran	10.116	168	508133	49.857	ng	100
56) 4-Nitrophenol	10.039	139	136997	111.767	ng	97
57) 2,4-Dinitrotoluene	10.098	165	121673	49.820	ng	96
58) Fluorene	10.457	166	401576	49.088	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	103962	55.152	ng	91
60) Diethylphthalate	10.328	149	400190	48.612	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	195456	48.685	ng	98
62) 4-Nitroaniline	10.481	138	92792	49.226	ng	96
63) Azobenzene	10.610	77	468119	60.046	ng	92
65) 4,6-Dinitro-2-methylph...	10.510	198	67030	52.702	ng	97
66) n-Nitrosodiphenylamine	10.569	169	346230	47.039	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	117568	45.867	ng	96
68) Hexachlorobenzene	11.004	284	134655	45.369	ng	98
69) Atrazine	11.092	200	113317	54.725	ng	99
70) Pentachlorophenol	11.204	266	130430	99.849	ng	99
71) Phenanthrene	11.422	178	589402	49.264	ng	99
72) Anthracene	11.475	178	606224	51.800	ng	100
73) Carbazole	11.633	167	573716	50.958	ng	100
74) Di-n-butylphthalate	11.951	149	626735	48.218	ng	100
75) Fluoranthene	12.616	202	642759	49.481	ng	99
77) Benzidine	12.733	184	86215	20.272	ng	99
78) Pyrene	12.845	202	659684	48.774	ng	99
80) Butylbenzylphthalate	13.451	149	230866	47.383	ng	96
81) Benzo(a)anthracene	14.033	228	474747	49.029	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	92607	31.854	ng	100
83) Chrysene	14.069	228	442822	50.014	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	293707	47.739	ng	100
85) Di-n-octyl phthalate	14.633	149	431370	51.305	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	449958	47.187	ng	99
88) Benzo(b)fluoranthene	15.098	252	400514	43.578	ng	100
89) Benzo(k)fluoranthene	15.127	252	407874	50.714	ng	99
90) Benzo(a)pyrene	15.469	252	389547	52.128	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	369027	47.254	ng	99
92) Benzo(g,h,i)perylene	17.492	276	325649	40.864	ng	98

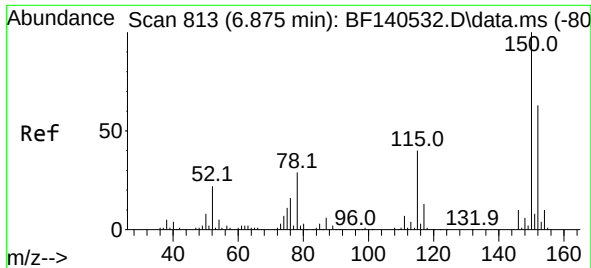
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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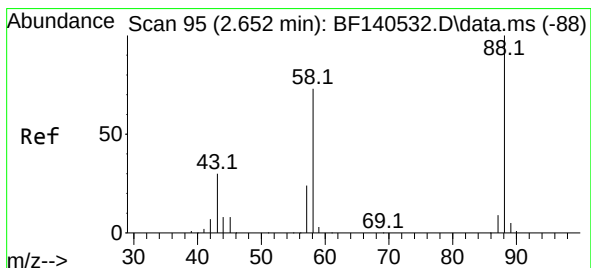
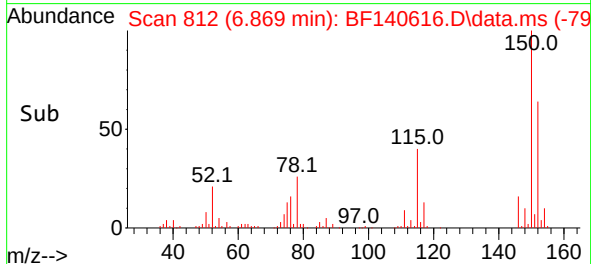
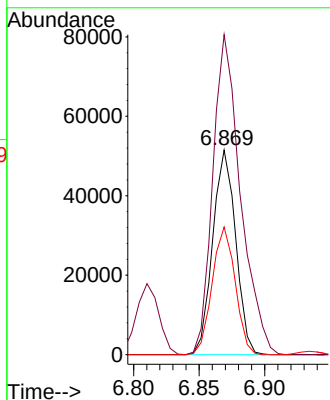
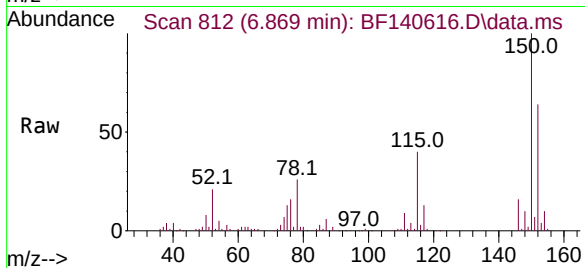




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140616.D
 Acq: 25 Nov 2024 21:11

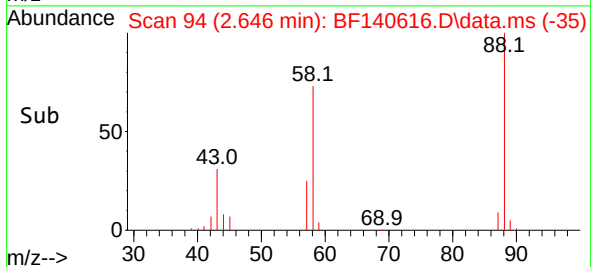
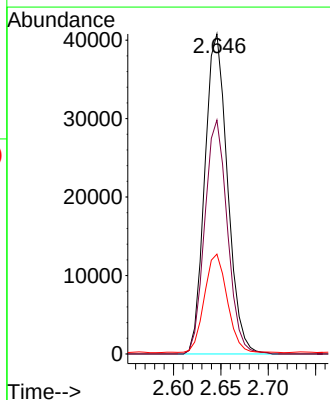
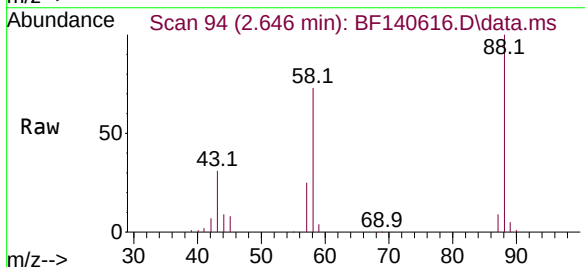
Instrument :
 BNA_F
 ClientSampleId :
 PH2-BOT-006MS

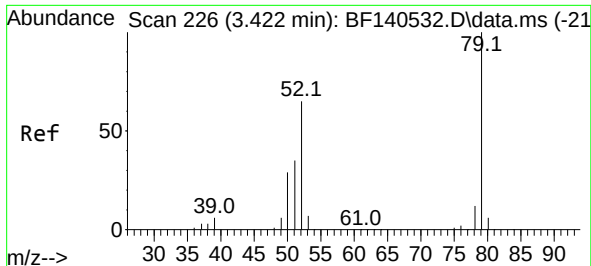
Tgt Ion:152 Resp: 62751
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.5 192.7
 115 62.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 43.980 ng
 RT: 2.646 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: BF140616.D
 Acq: 25 Nov 2024 21:11

Tgt Ion: 88 Resp: 68007
 Ion Ratio Lower Upper
 88 100
 58 72.8 57.4 86.2
 43 31.3 24.3 36.5





#3

Pyridine

Concen: 49.564 ng

RT: 3.416 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

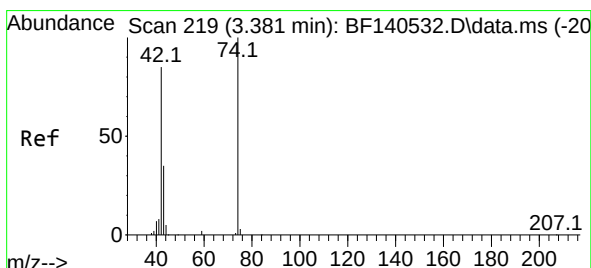
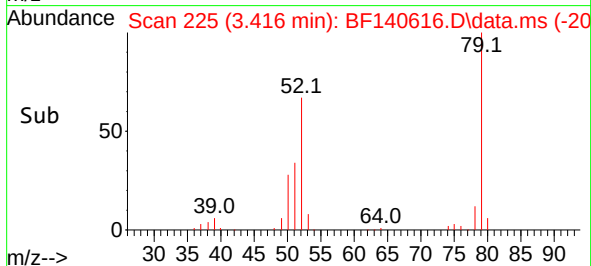
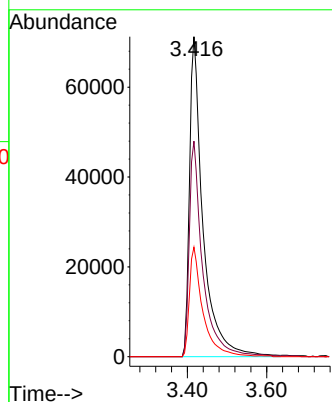
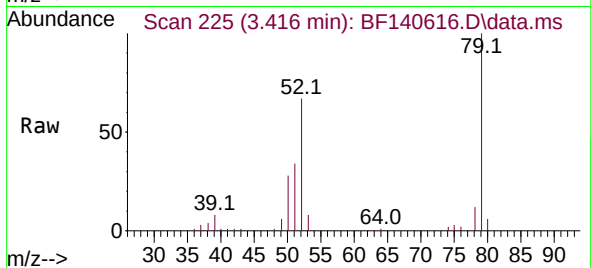
Tgt Ion: 79 Resp: 168630

Ion Ratio Lower Upper

79 100

52 67.3 52.1 78.1

51 34.2 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.770 ng

RT: 3.363 min Scan# 216

Delta R.T. -0.018 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

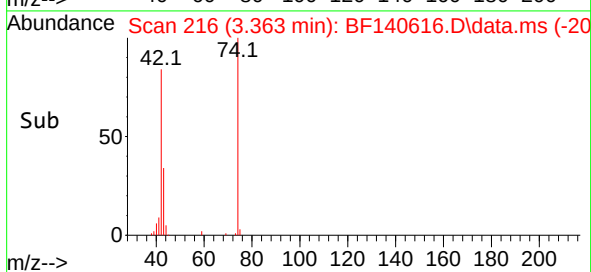
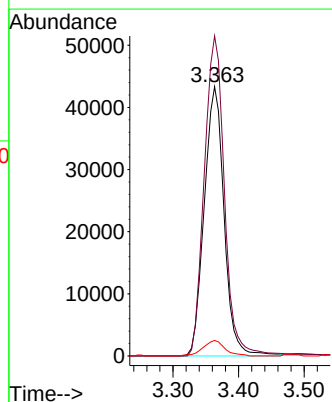
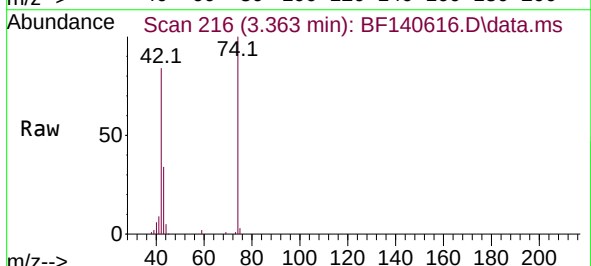
Tgt Ion: 42 Resp: 91522

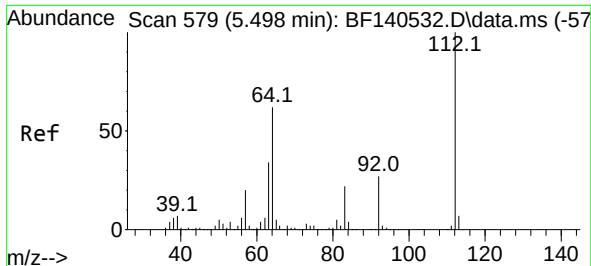
Ion Ratio Lower Upper

42 100

74 118.9 93.8 140.6

44 5.8 4.6 6.8

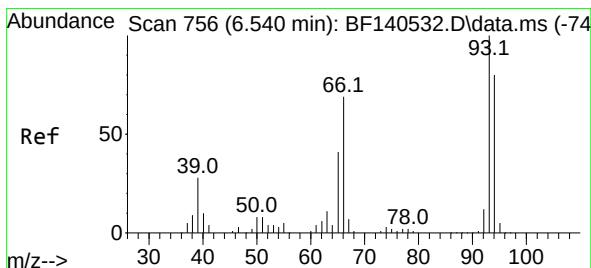
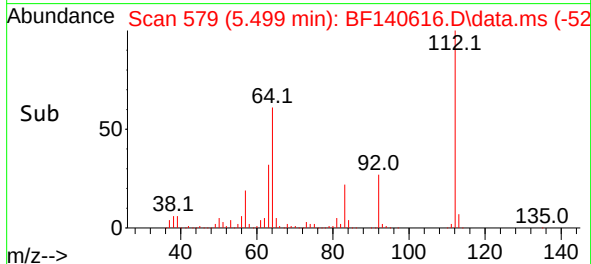
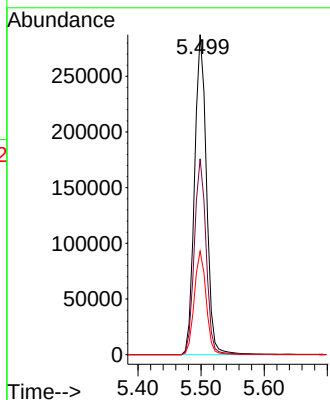
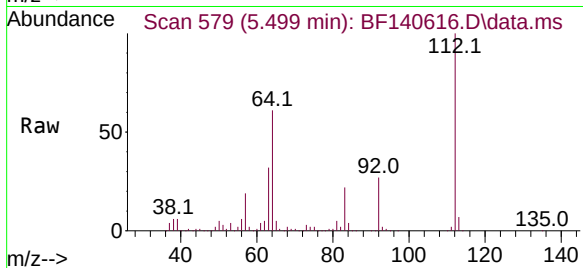




#5
2-Fluorophenol
Concen: 102.678 ng
RT: 5.499 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

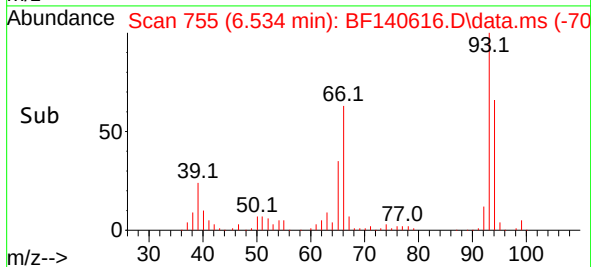
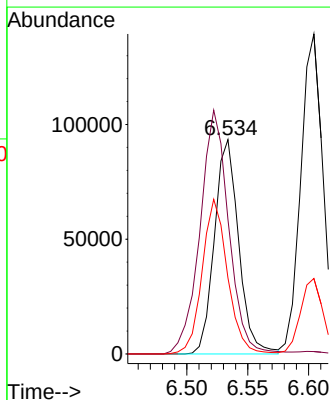
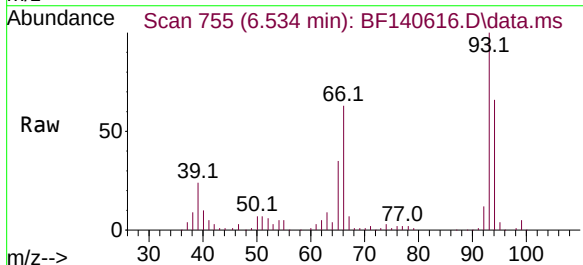
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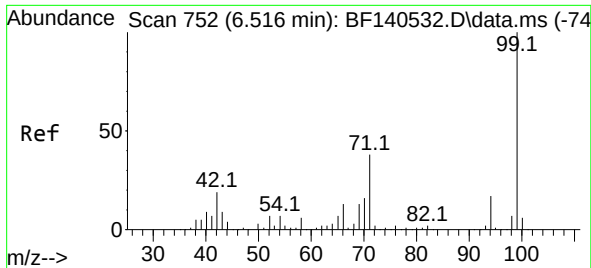
Tgt Ion:112 Resp: 377628
Ion Ratio Lower Upper
112 100
64 61.2 49.2 73.8
63 32.4 27.0 40.4



#6
Aniline
Concen: 37.760 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion: 93 Resp: 129224
Ion Ratio Lower Upper
93 100
66 62.7 56.5 84.7
65 35.5 32.9 49.3

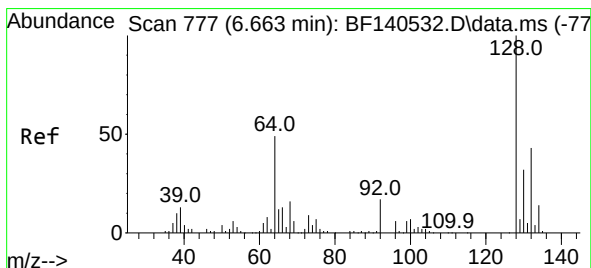
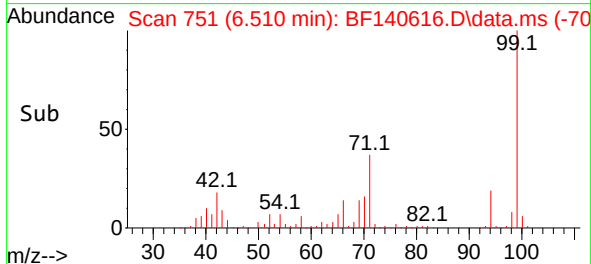
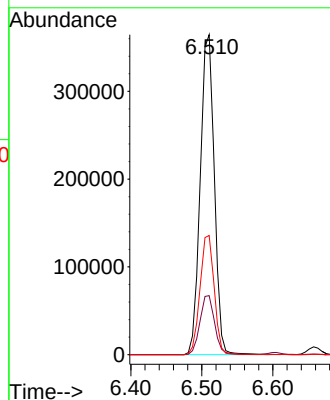
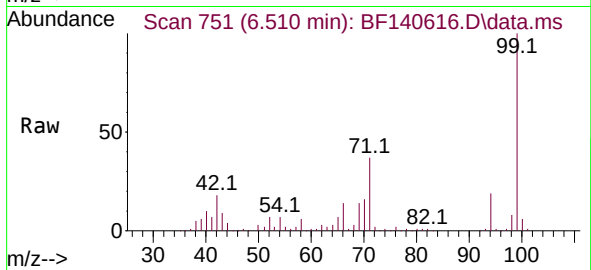




#7
Phenol-d6
Concen: 103.510 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

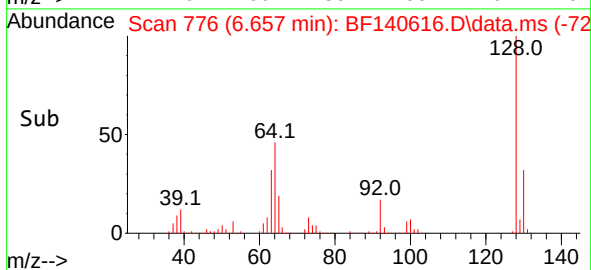
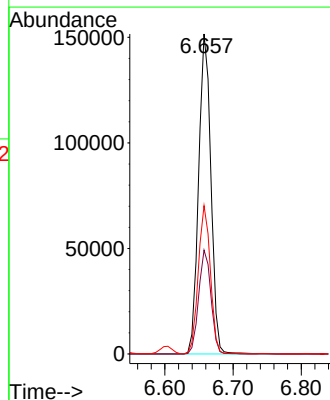
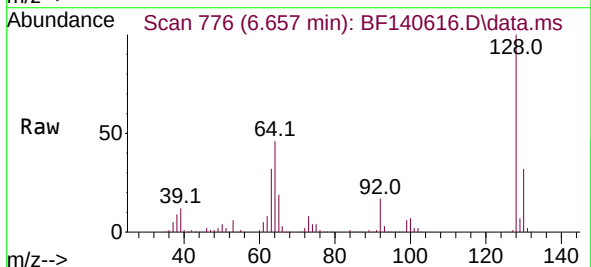
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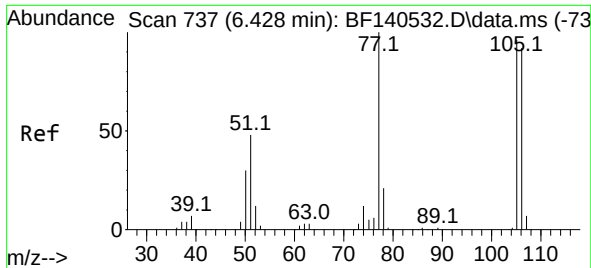
Tgt Ion: 99 Resp: 503278
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.3 30.6 46.0



#8
2-Chlorophenol
Concen: 47.935 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:128 Resp: 189668
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 46.3 30.2 70.2





#9

Benzaldehyde

Concen: 6.012 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

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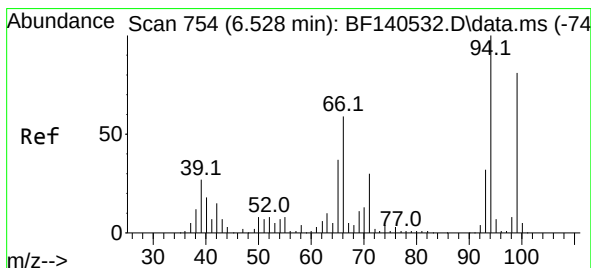
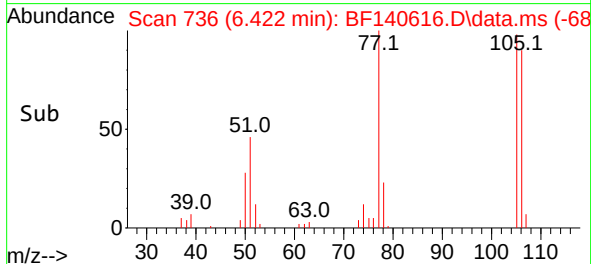
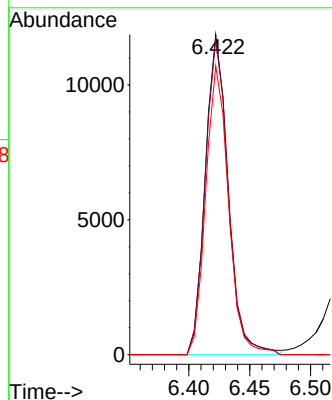
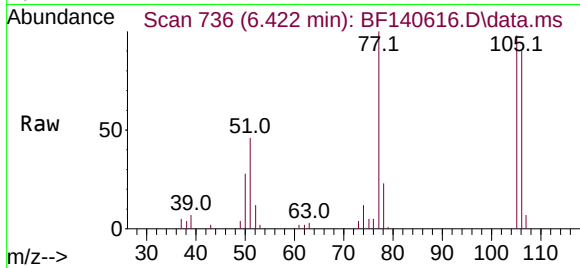
Tgt Ion: 77 Resp: 15474

Ion Ratio Lower Upper

77 100

105 98.5 75.6 115.6

106 90.2 72.0 112.0



#10

Phenol

Concen: 48.271 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

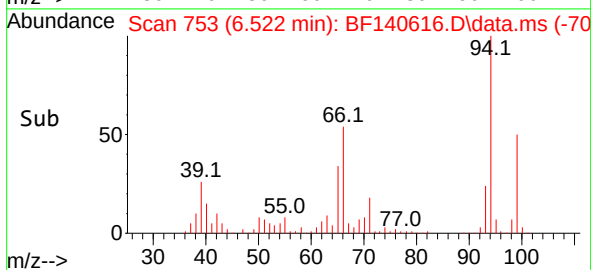
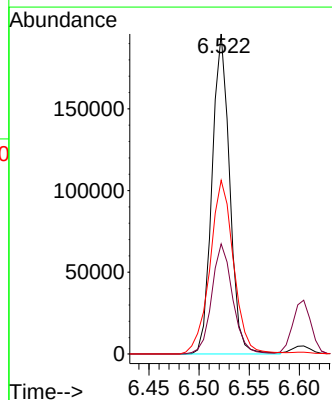
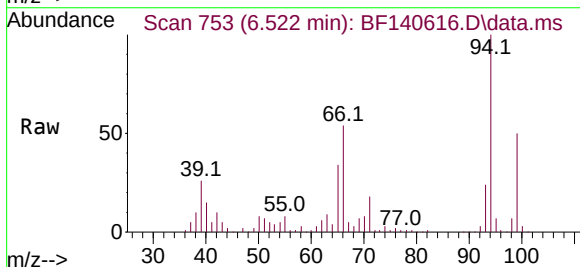
Tgt Ion: 94 Resp: 239686

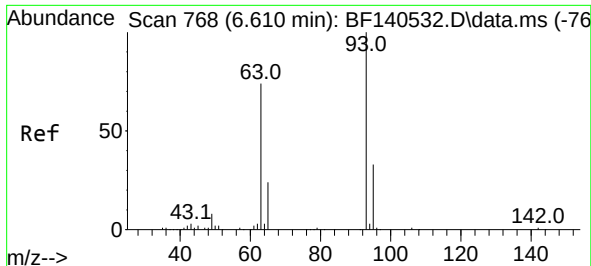
Ion Ratio Lower Upper

94 100

65 34.4 17.2 57.2

66 54.2 39.2 79.2



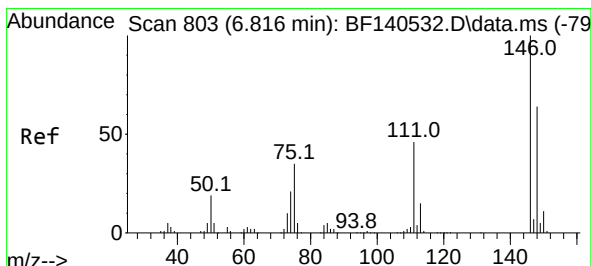
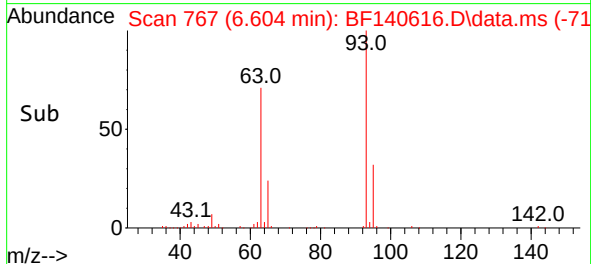
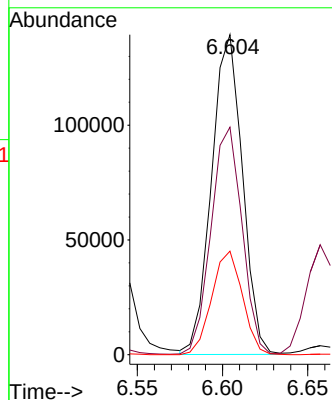
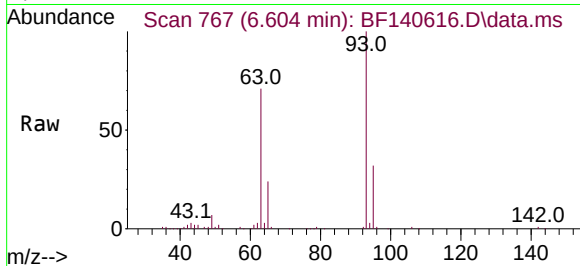


#11
bis(2-Chloroethyl)ether
Concen: 46.279 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion: 93 Resp: 175845

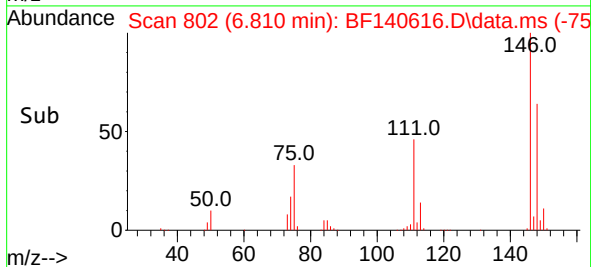
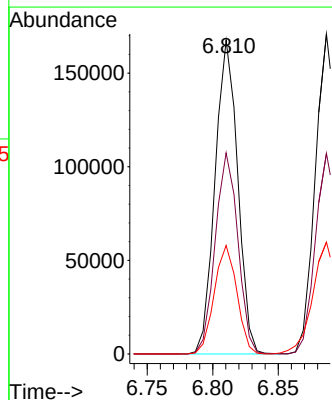
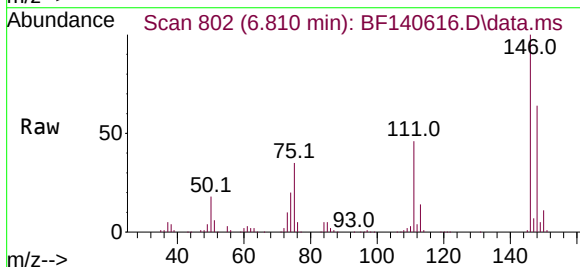
Ion	Ratio	Lower	Upper
93	100		
63	71.1	52.8	92.8
95	32.4	12.3	52.3

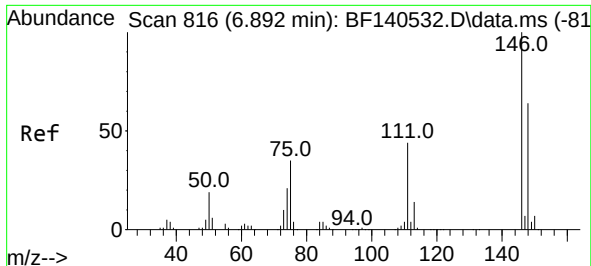


#12
1,3-Dichlorobenzene
Concen: 45.233 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion: 146 Resp: 201106

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	34.6	28.2	42.2

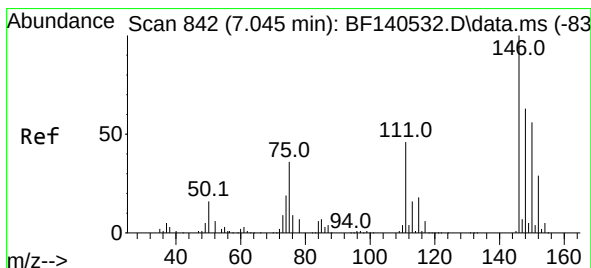
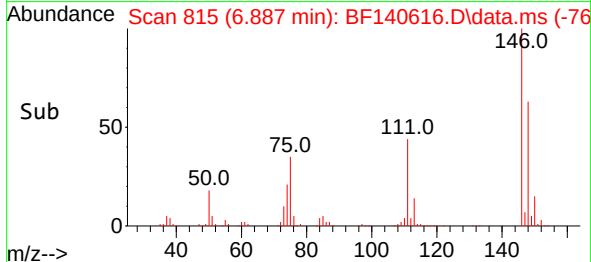
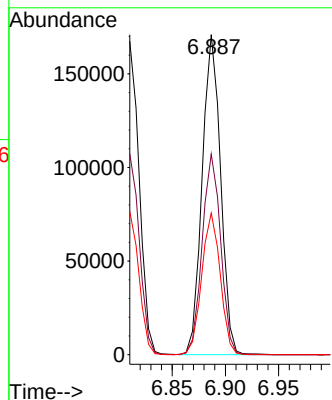
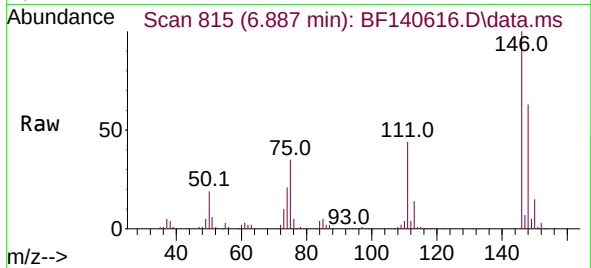




#13
1,4-Dichlorobenzene
Concen: 45.740 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

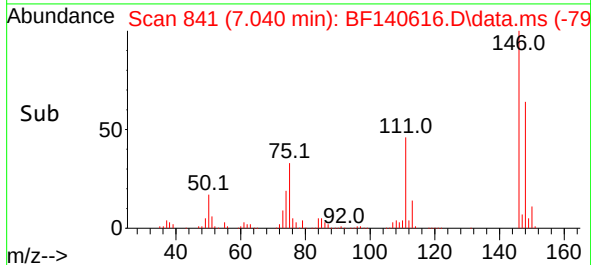
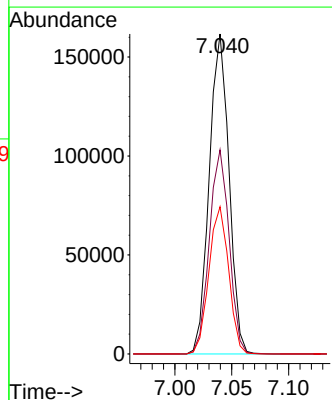
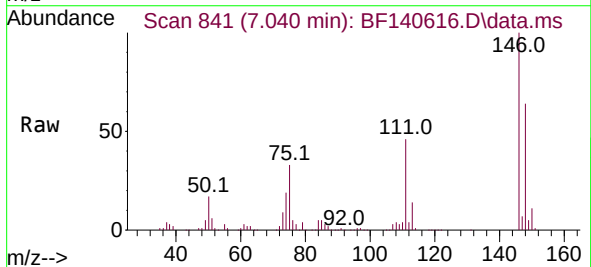
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

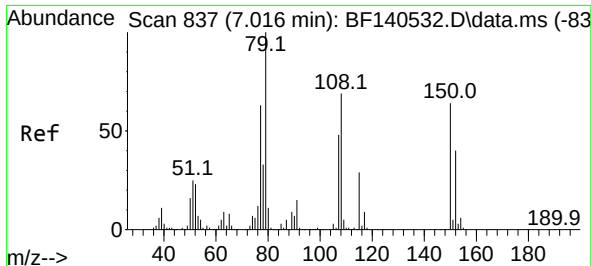
Tgt Ion:146 Resp: 205910
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
111 44.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 46.302 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:146 Resp: 195317
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 46.0 36.7 55.1

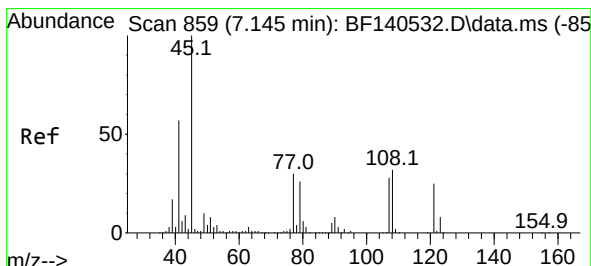
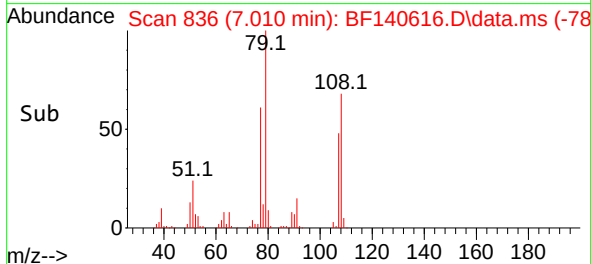
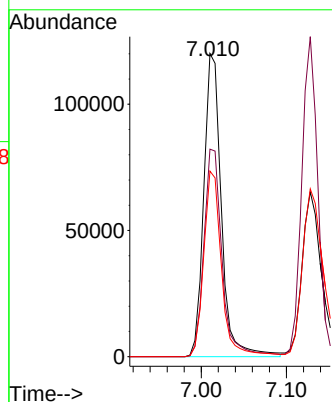
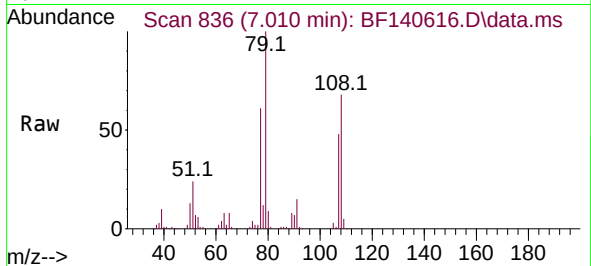




#15
Benzyl Alcohol
Concen: 47.757 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

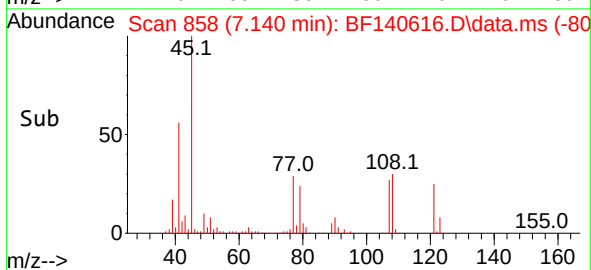
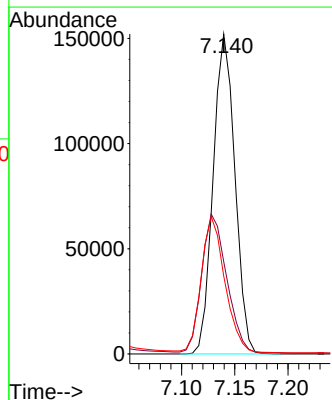
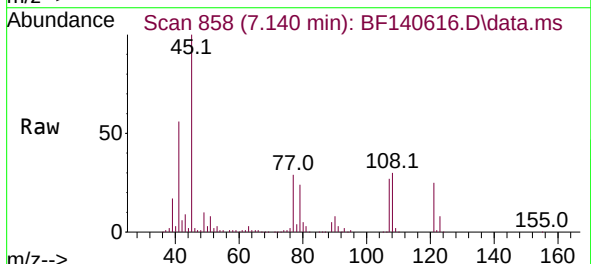
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

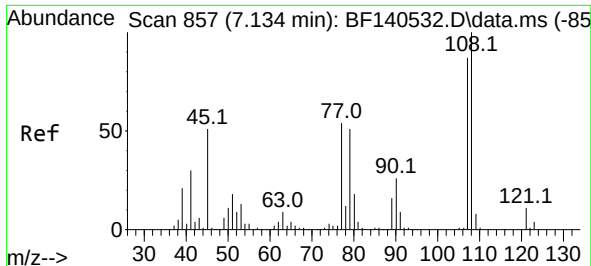
Tgt Ion: 79 Resp: 172200
Ion Ratio Lower Upper
79 100
108 68.4 55.0 82.6
77 61.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.945 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion: 45 Resp: 215220
Ion Ratio Lower Upper
45 100
77 28.9 10.7 50.7
79 24.3 7.0 47.0

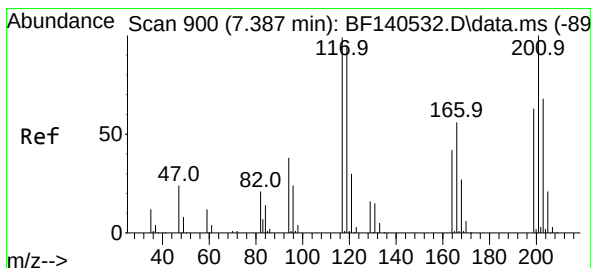
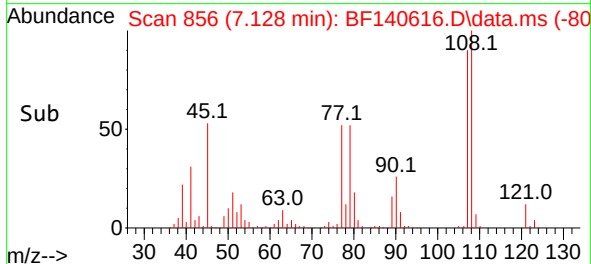
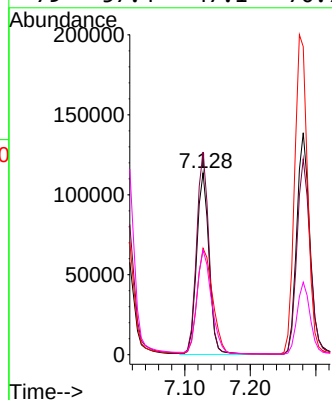
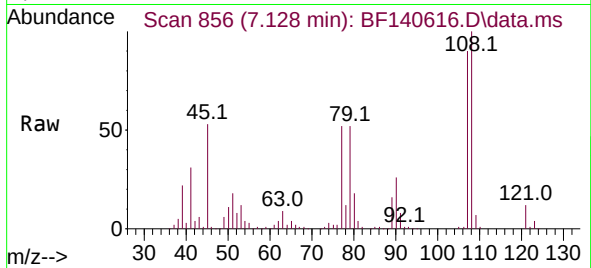




#17
2-Methylphenol
Concen: 47.250 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

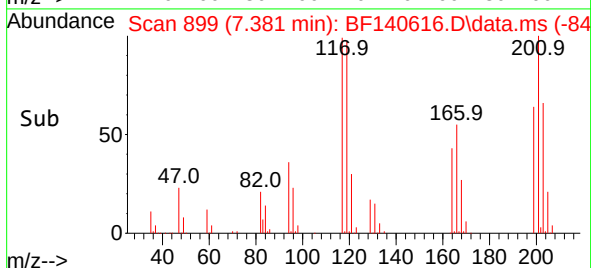
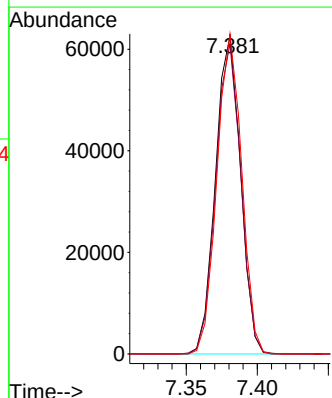
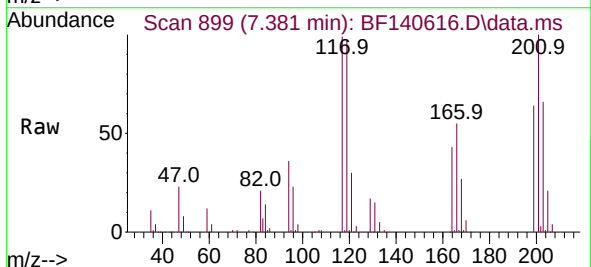
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

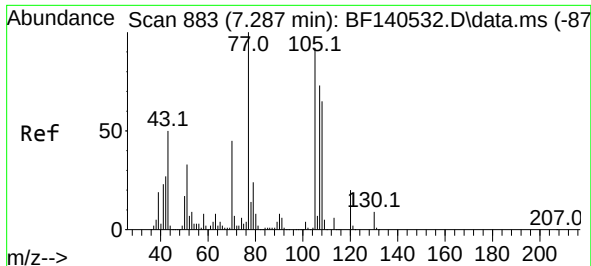
Tgt Ion:107 Resp: 149656
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 58.4 49.3 73.9
79 57.4 47.1 70.7



#18
Hexachloroethane
Concen: 45.716 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:117 Resp: 76865
Ion Ratio Lower Upper
117 100
119 97.6 77.1 115.7
201 100.7 81.1 121.7



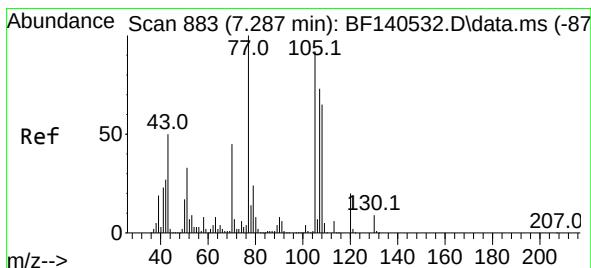
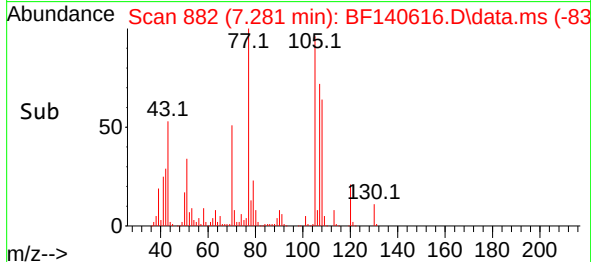
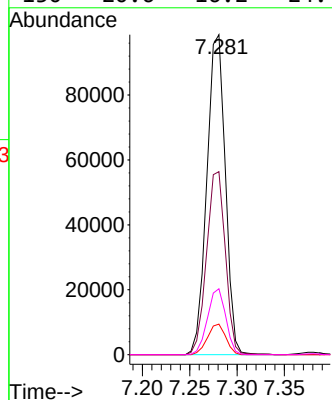
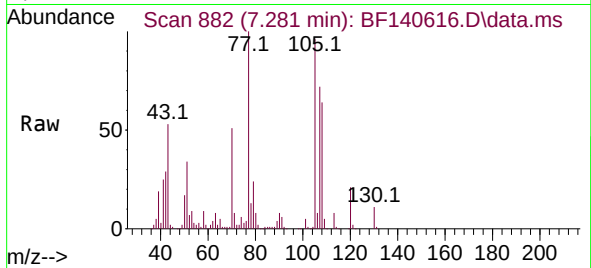


#19
n-Nitroso-di-n-propylamine
Concen: 46.568 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion: 70 Resp: 133813

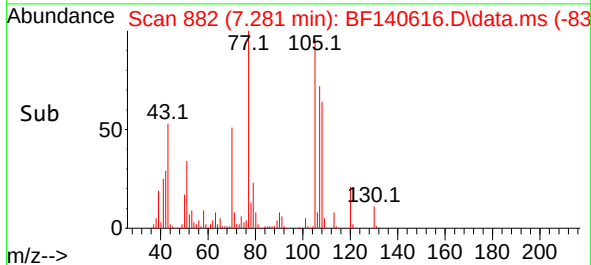
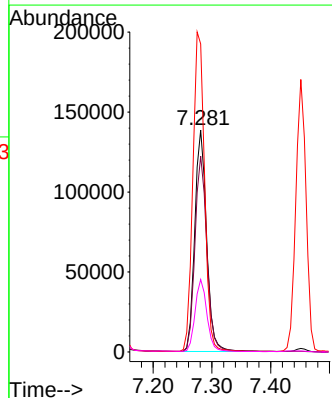
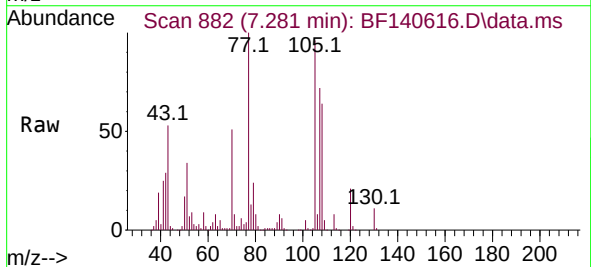
Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.6	71.4
101	9.6	7.6	11.4
130	20.6	16.2	24.4

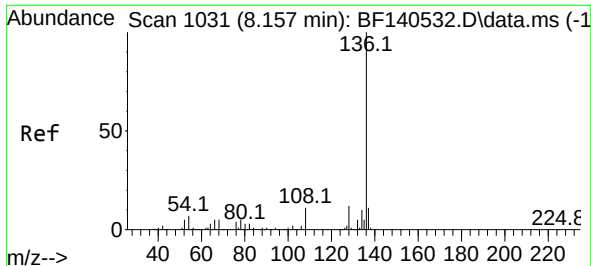


#20
3+4-Methylphenols
Concen: 47.353 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion: 107 Resp: 192779

Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.9	109.9
77	138.8	117.7	157.7
79	32.7	13.4	53.4



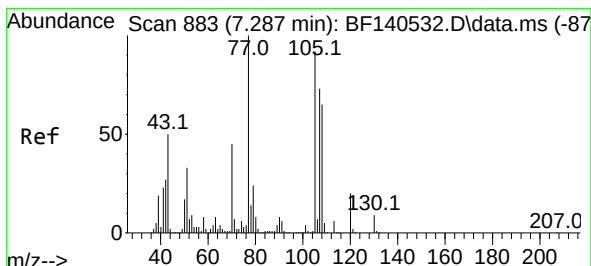
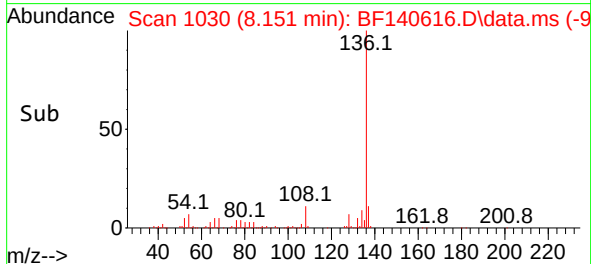
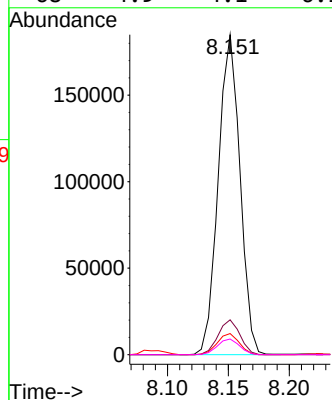
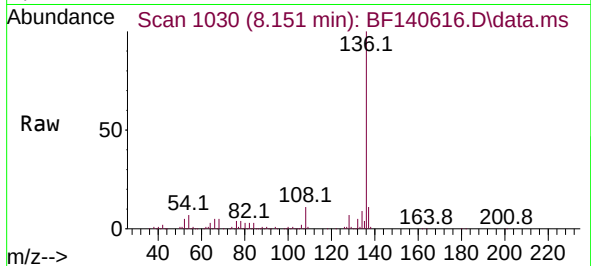


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion:136 Resp: 229868

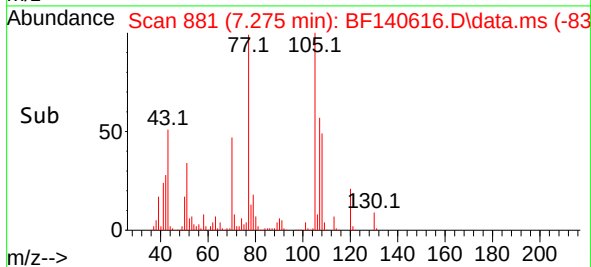
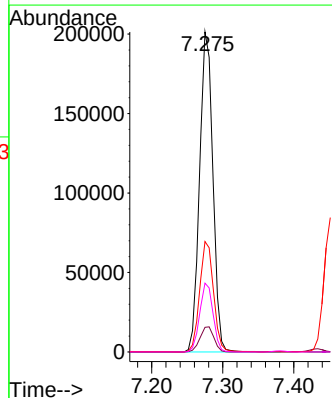
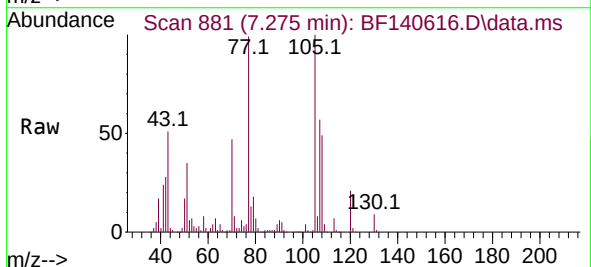
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.6	5.8	8.8
68	4.9	4.1	6.1

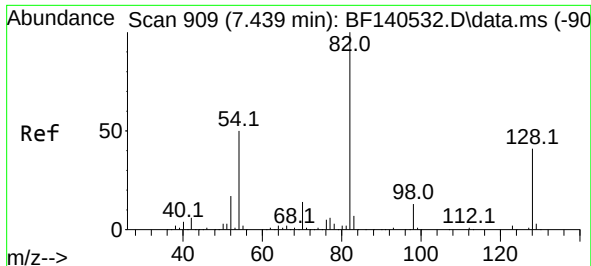


#22
Acetophenone
Concen: 47.054 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:105 Resp: 263695

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.2
51	34.5	29.0	43.6
120	21.5	17.4	26.0

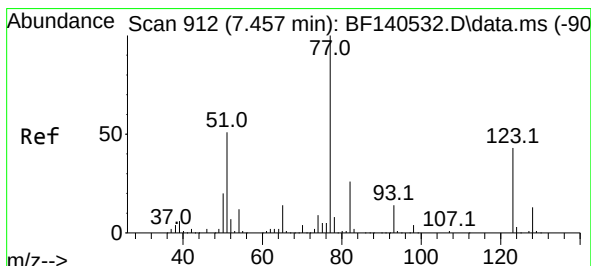
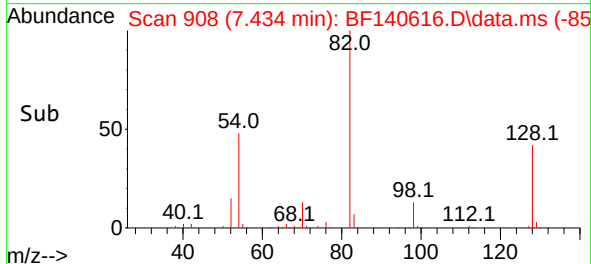
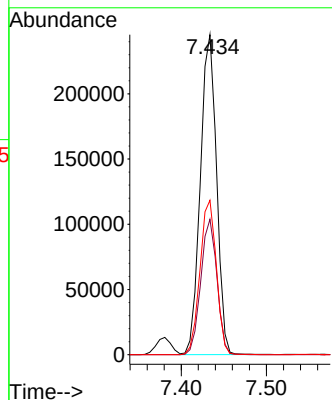
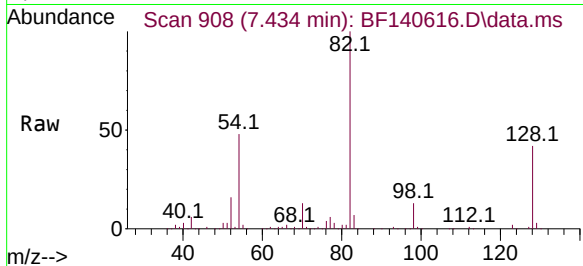




#23
Nitrobenzene-d5
Concen: 72.060 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

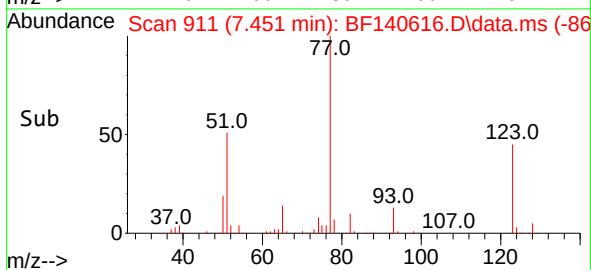
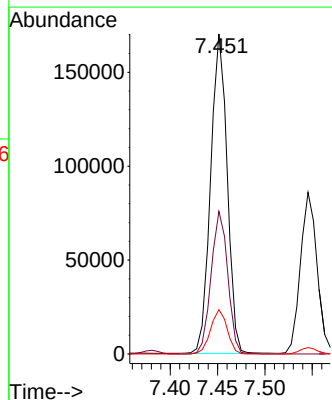
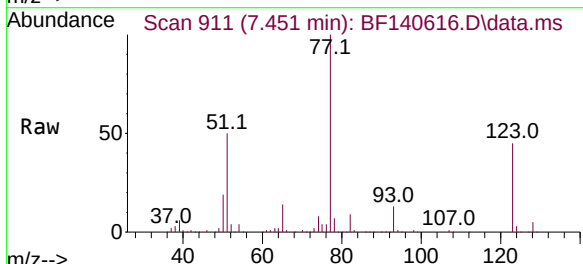
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

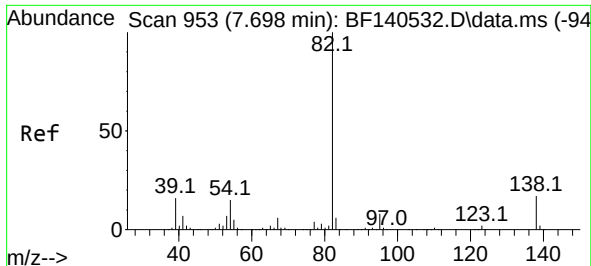
Tgt Ion: 82 Resp: 323834
Ion Ratio Lower Upper
82 100
128 42.3 33.0 49.4
54 48.3 39.5 59.3



#24
Nitrobenzene
Concen: 44.483 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion: 77 Resp: 206608
Ion Ratio Lower Upper
77 100
123 44.5 34.3 51.5
65 13.9 11.2 16.8

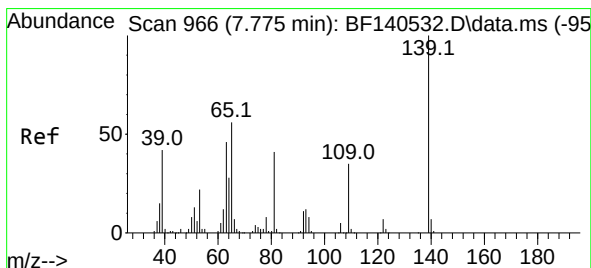
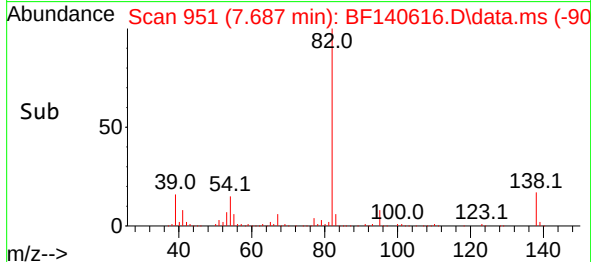
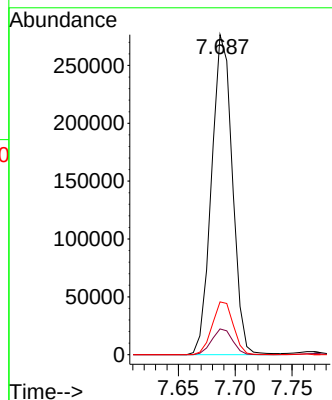
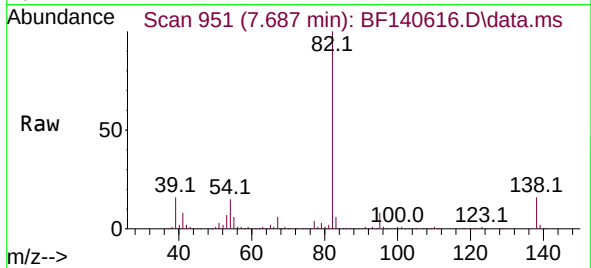




#25
Isophorone
Concen: 47.092 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

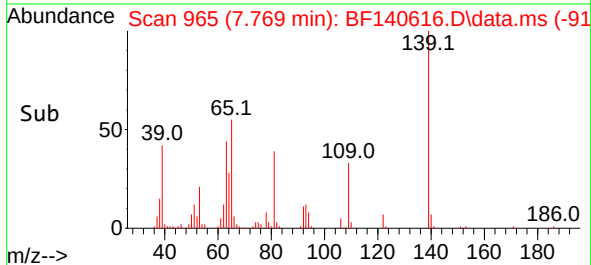
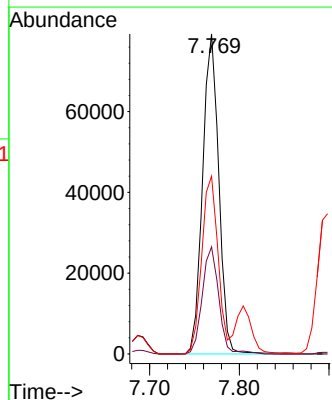
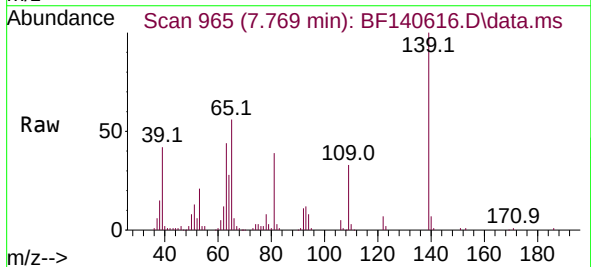
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

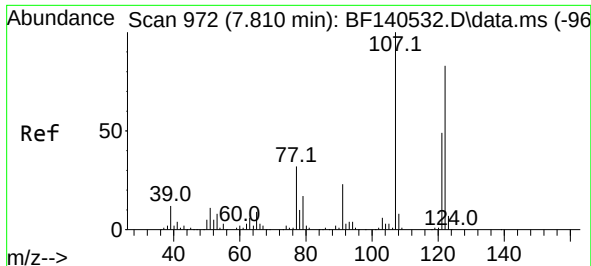
Tgt Ion: 82 Resp: 352985
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 16.5 13.8 20.6



#26
2-Nitrophenol
Concen: 48.030 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:139 Resp: 98861
Ion Ratio Lower Upper
139 100
109 33.5 28.0 42.0
65 55.6 44.6 67.0

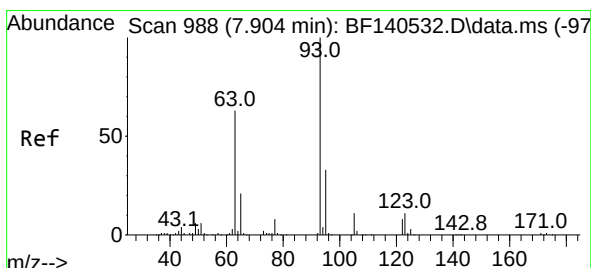
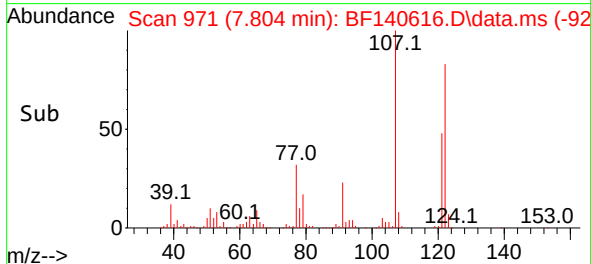
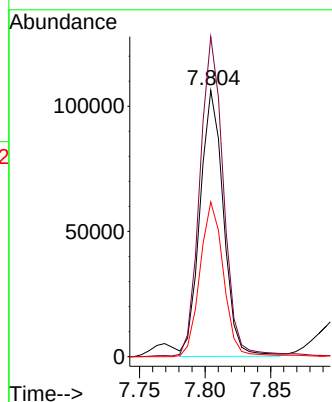
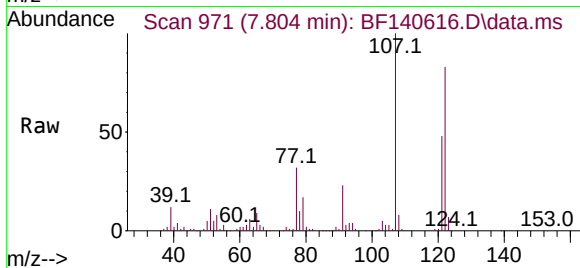




#27
2,4-Dimethylphenol
Concen: 53.727 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

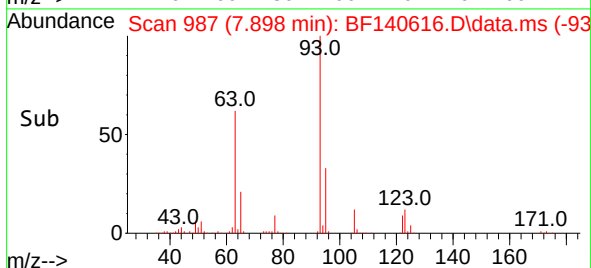
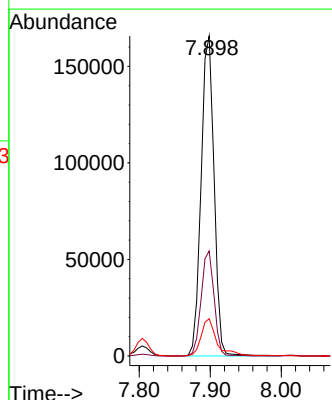
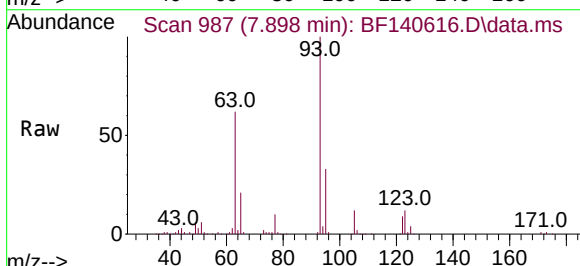
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

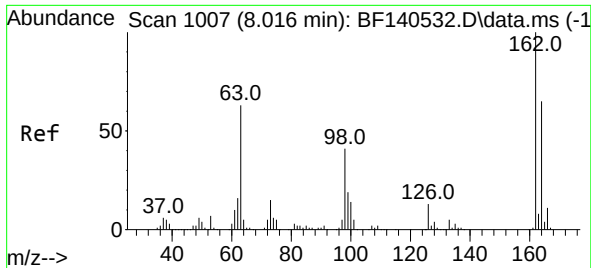
Tgt Ion:122 Resp: 132314
Ion Ratio Lower Upper
122 100
107 120.2 96.8 145.2
121 58.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 46.350 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion: 93 Resp: 211652
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.963 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

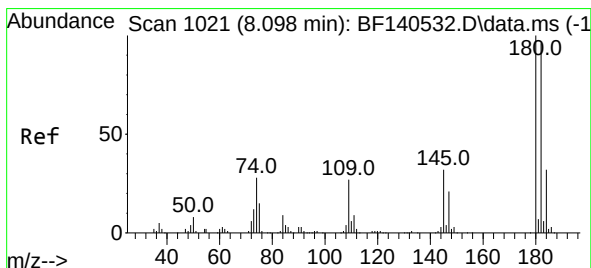
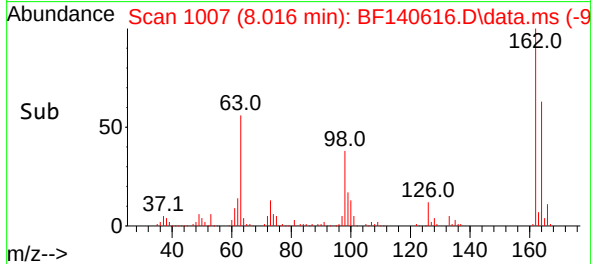
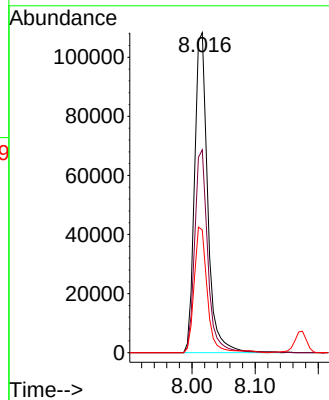
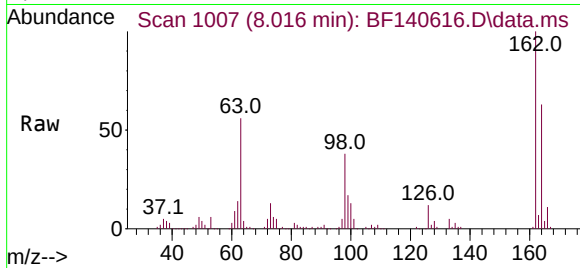
Tgt Ion:162 Resp: 156516

Ion Ratio Lower Upper

162 100

164 63.4 44.8 84.8

98 38.4 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 44.710 ng

RT: 8.093 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

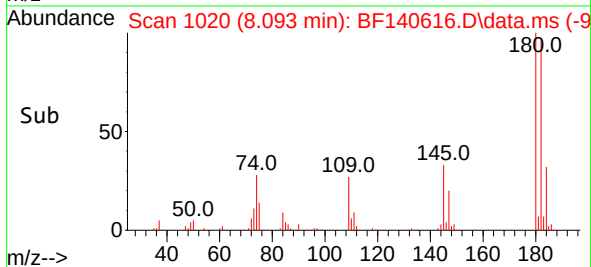
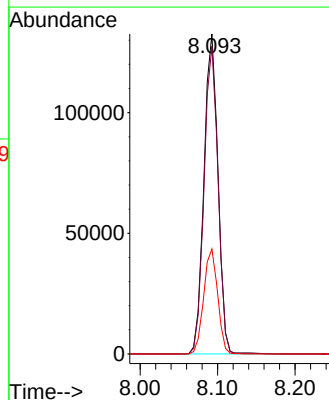
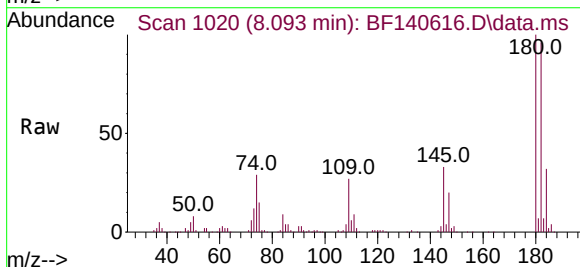
Tgt Ion:180 Resp: 166588

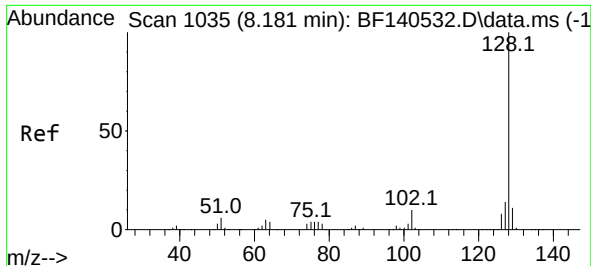
Ion Ratio Lower Upper

180 100

182 96.2 76.4 114.6

145 32.8 25.9 38.9

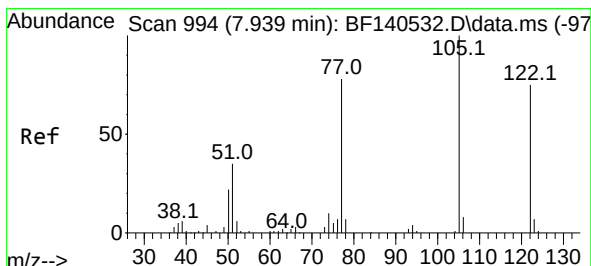
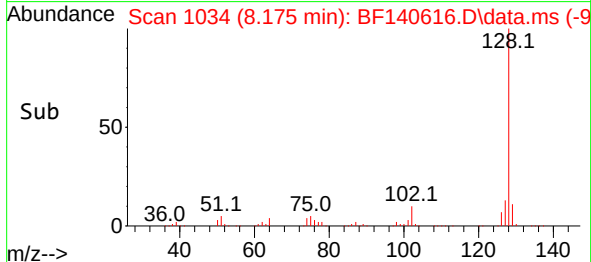
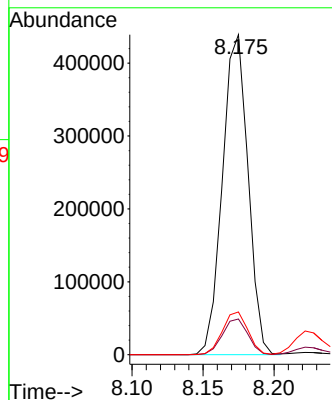
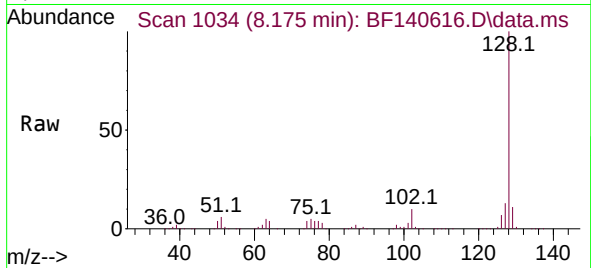




#31
Naphthalene
Concen: 46.453 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

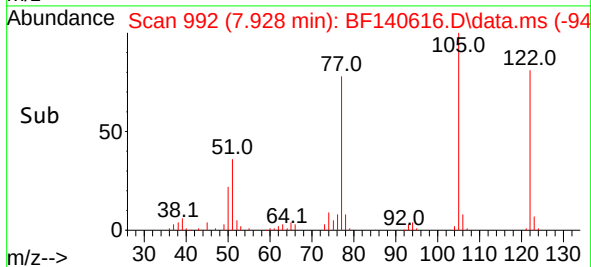
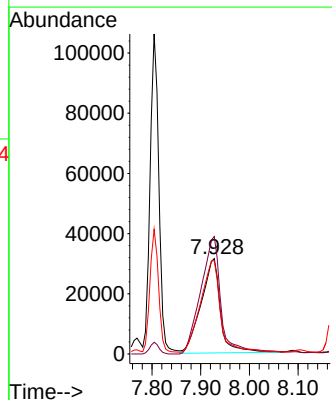
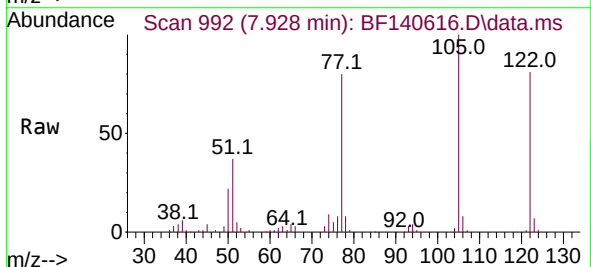
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

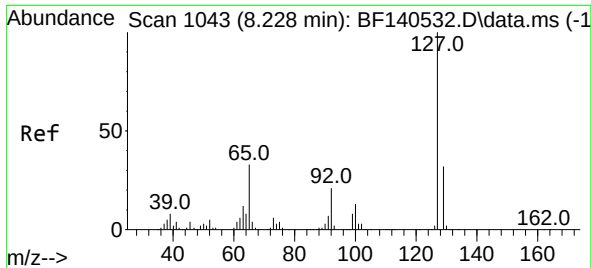
Tgt Ion:128 Resp: 550018
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 41.600 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.011 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:122 Resp: 86736
Ion Ratio Lower Upper
122 100
105 123.1 109.3 149.3
77 97.9 82.3 122.3

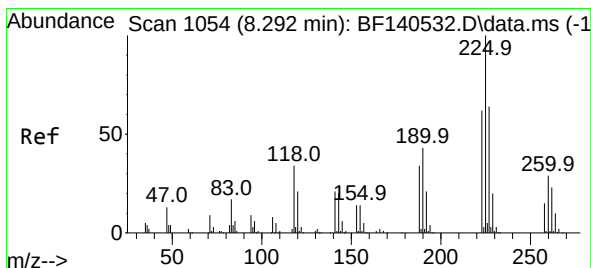
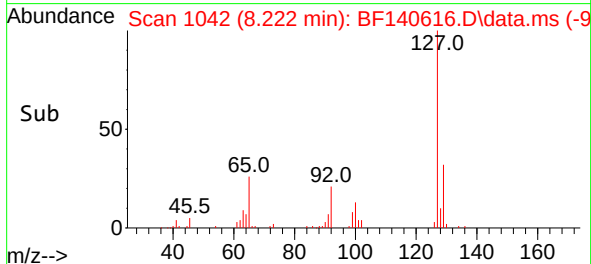
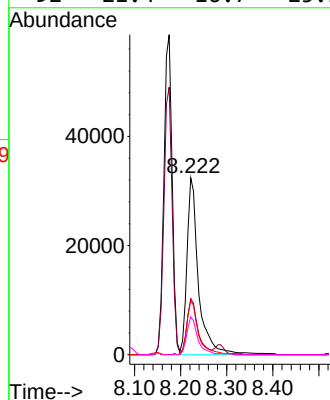
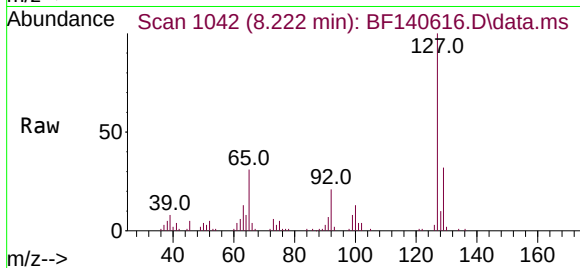




#33
4-Chloroaniline
Concen: 16.035 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

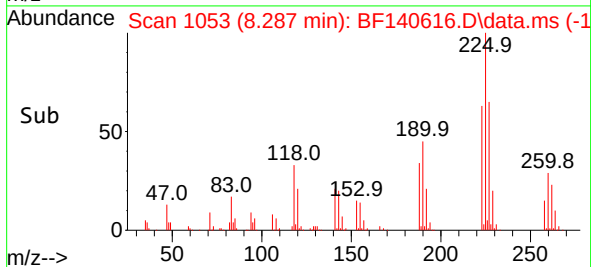
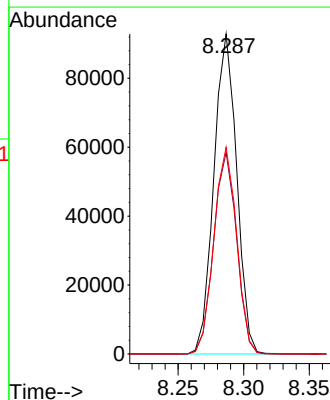
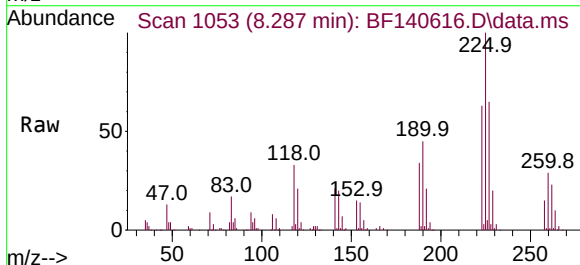
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

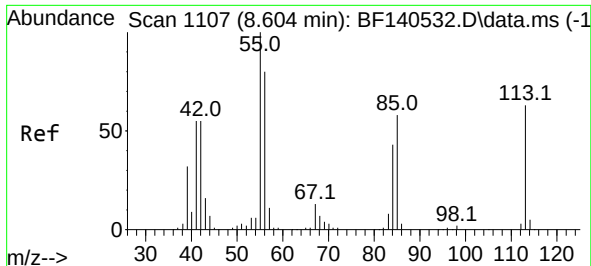
Tgt Ion:	127	Resp:	56843
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	30.6	26.0	39.0
92	21.4	16.7	25.1



#34
Hexachlorobutadiene
Concen: 45.493 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:	225	Resp:	112272
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.8
227	64.6	51.3	76.9

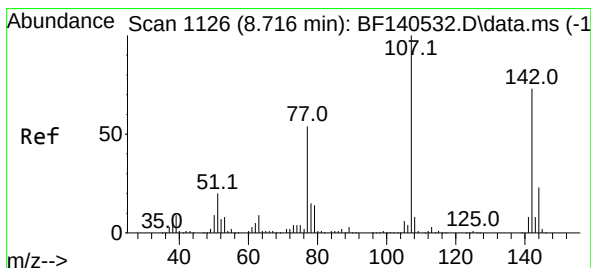
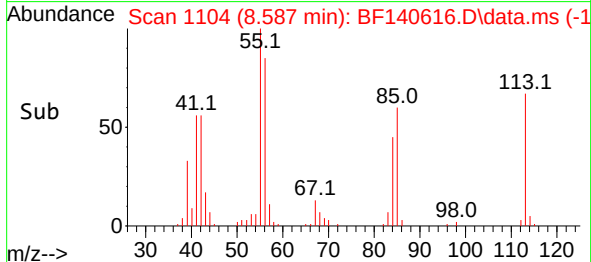
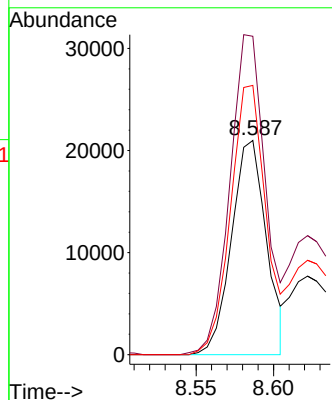
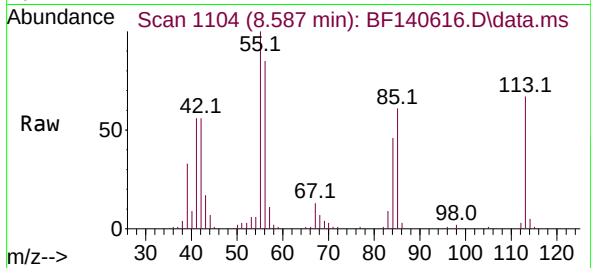




#35
Caprolactam
Concen: 32.512 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

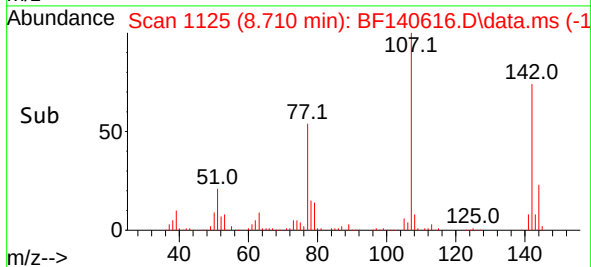
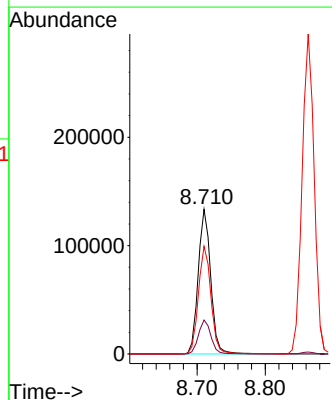
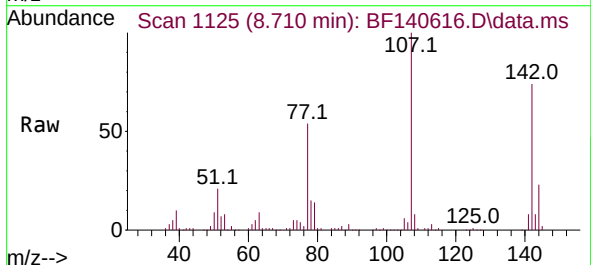
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

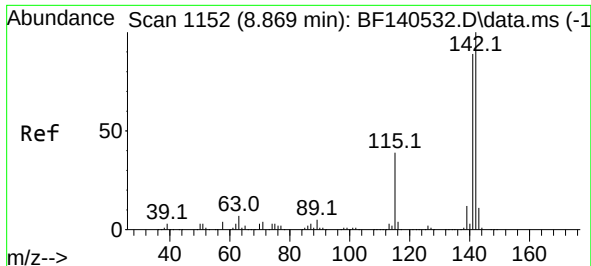
Tgt Ion:113 Resp: 32833
Ion Ratio Lower Upper
113 100
55 148.6 137.7 177.7
56 125.7 106.4 146.4



#36
4-Chloro-3-methylphenol
Concen: 46.740 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:107 Resp: 170772
Ion Ratio Lower Upper
107 100
144 23.5 18.7 28.1
142 74.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 48.387 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

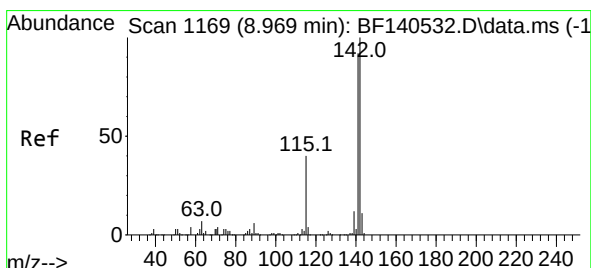
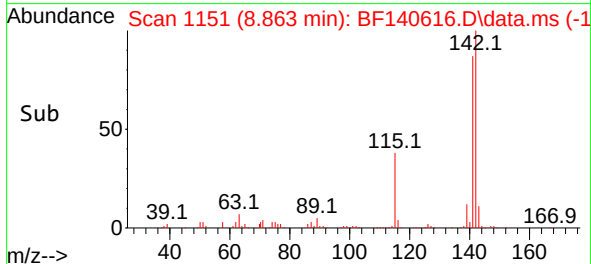
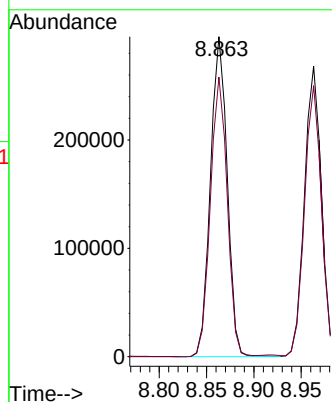
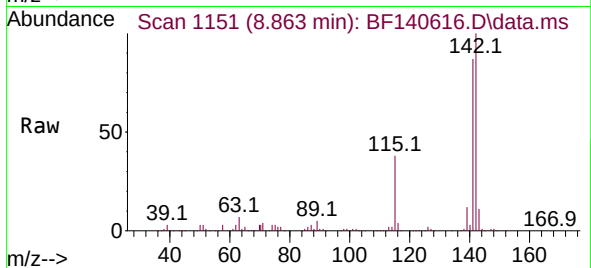
PH2-BOT-006MS

Tgt Ion:142 Resp: 363888

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.089 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140616.D

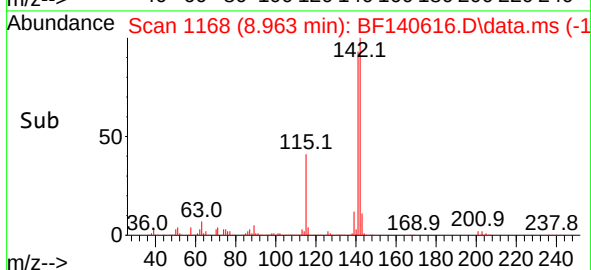
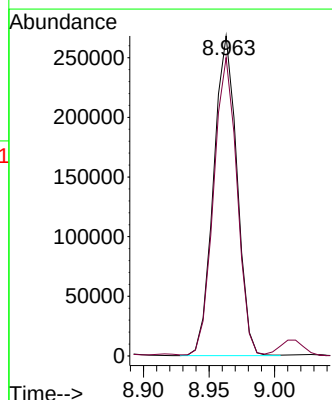
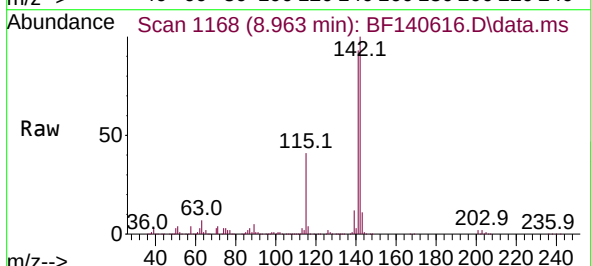
Acq: 25 Nov 2024 21:11

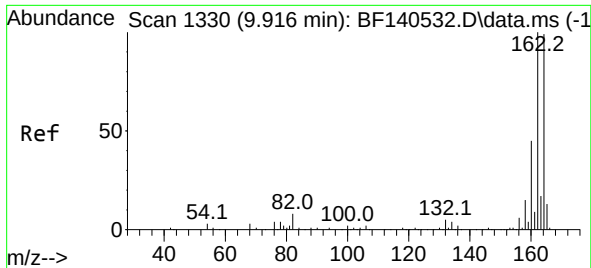
Tgt Ion:142 Resp: 332371

Ion Ratio Lower Upper

142 100

141 93.3 73.3 109.9

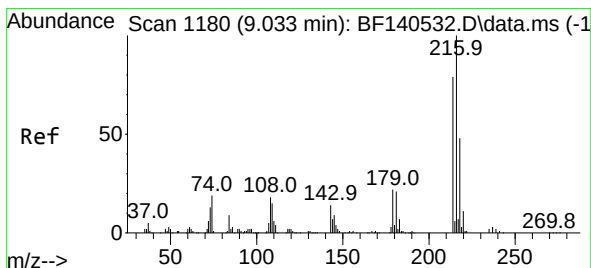
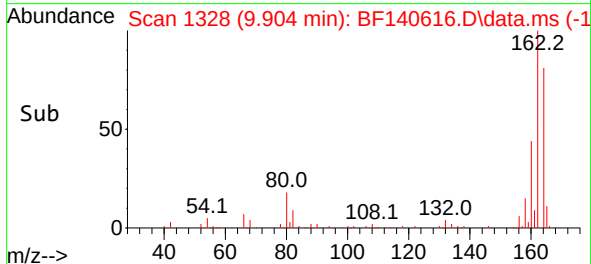
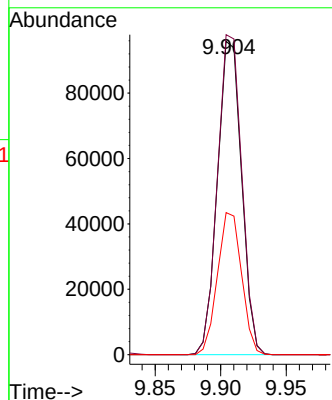
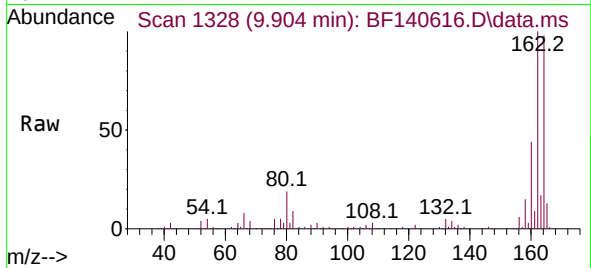




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

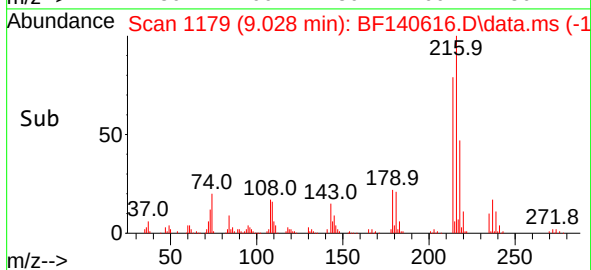
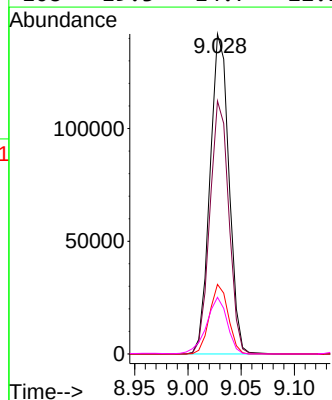
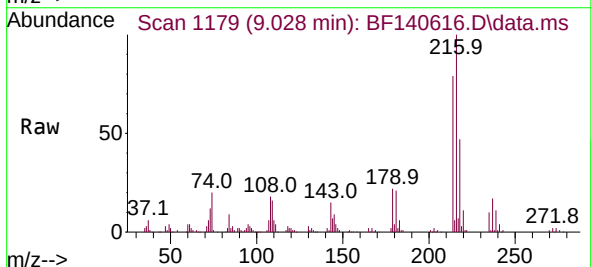
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

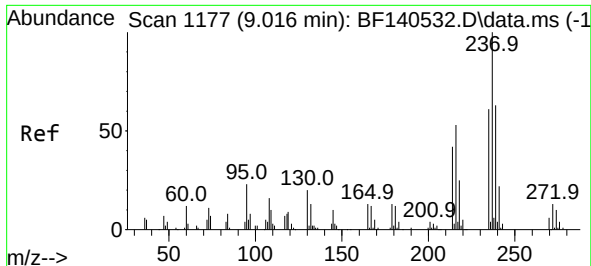
Tgt Ion:164 Resp: 123028
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 45.3 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.918 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:216 Resp: 176187
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 21.3 17.5 26.3
108 19.3 14.7 22.1

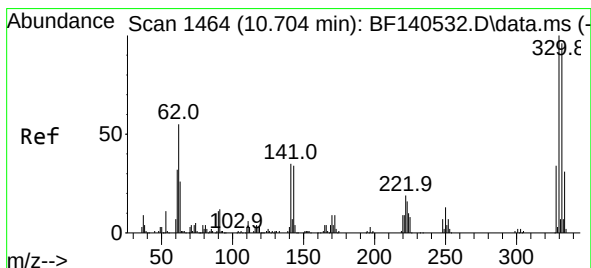
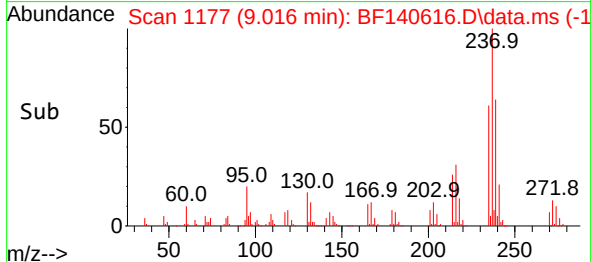
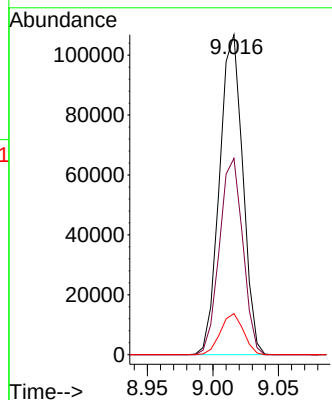
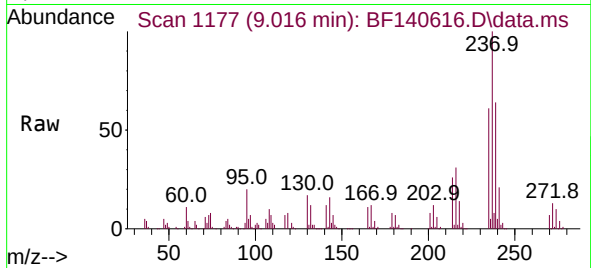




#41
Hexachlorocyclopentadiene
Concen: 155.219 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

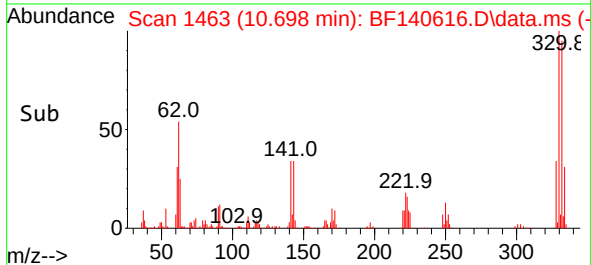
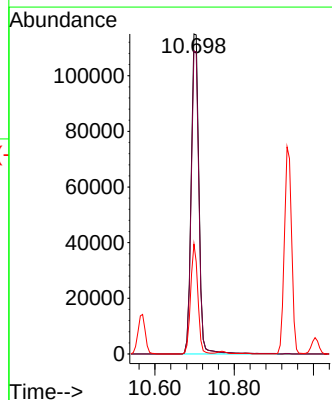
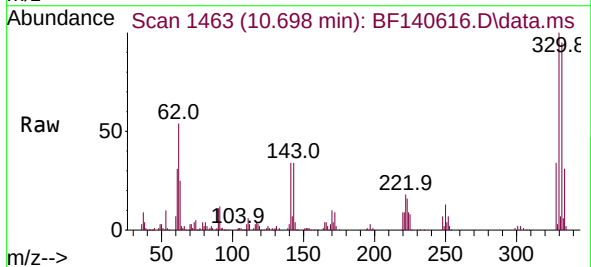
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

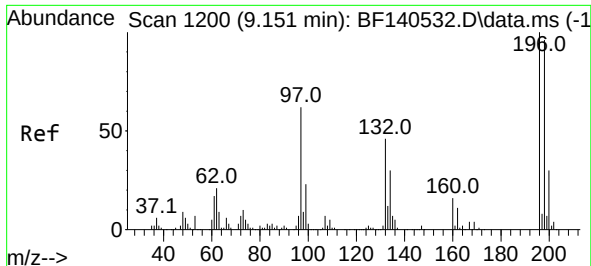
Tgt Ion:237 Resp: 131768
Ion Ratio Lower Upper
237 100
235 61.3 41.1 81.1
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 118.598 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:330 Resp: 156051
Ion Ratio Lower Upper
330 100
332 94.3 76.9 115.3
141 32.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 47.505 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

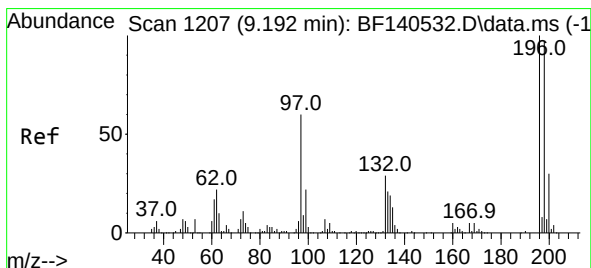
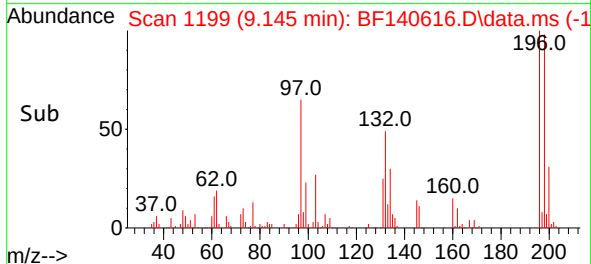
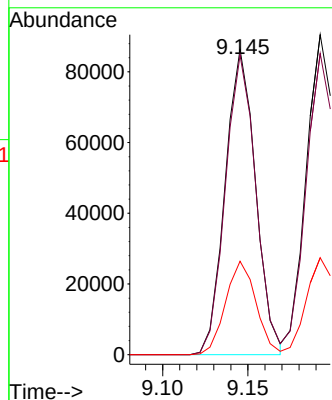
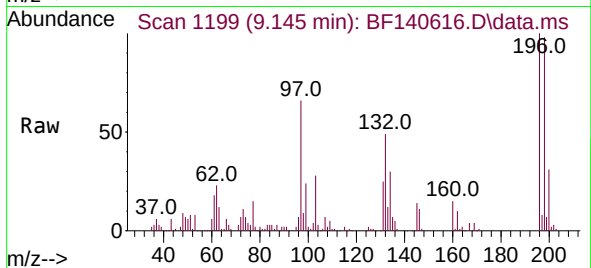
Tgt Ion:196 Resp: 107362

Ion Ratio Lower Upper

196 100

198 98.0 76.8 115.2

200 30.6 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.018 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Tgt Ion:196 Resp: 117775

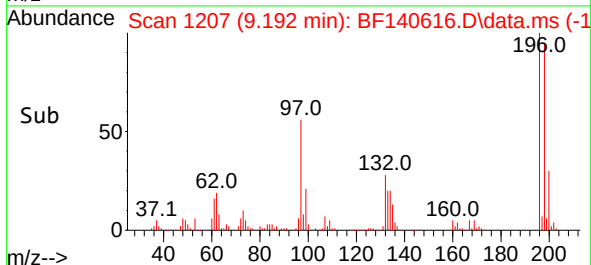
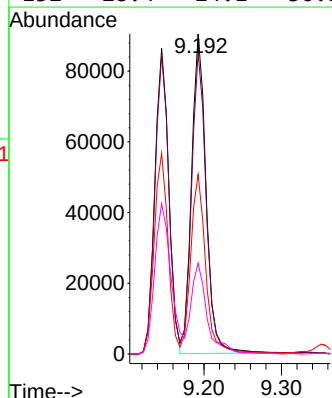
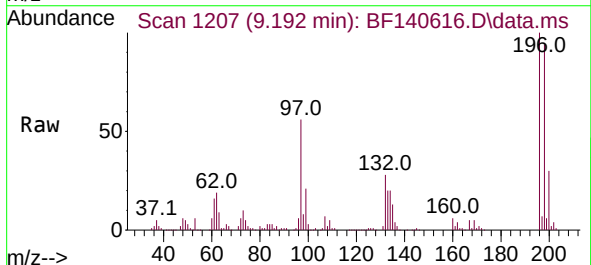
Ion Ratio Lower Upper

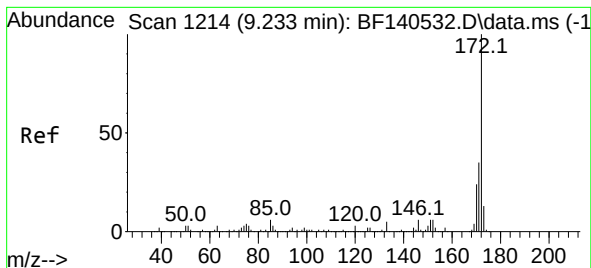
196 100

198 94.1 77.2 115.8

97 56.1 47.1 70.7

132 28.4 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 75.512 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

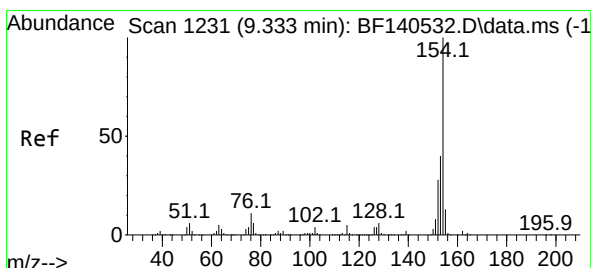
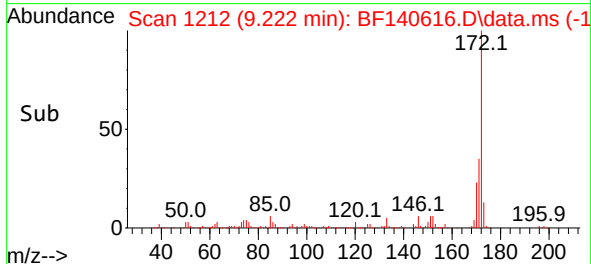
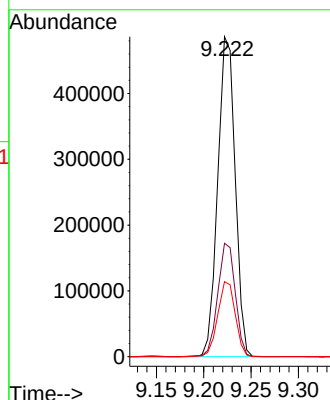
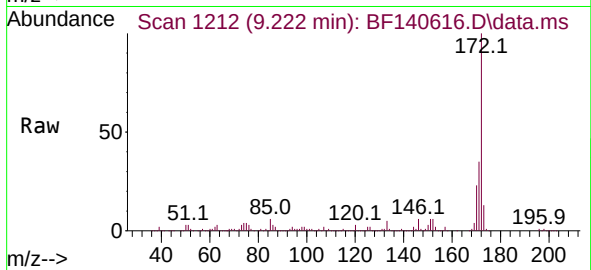
Tgt Ion:172 Resp: 623523

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.400 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

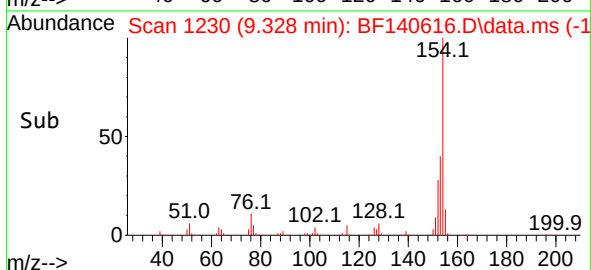
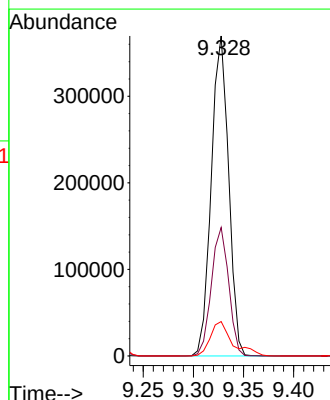
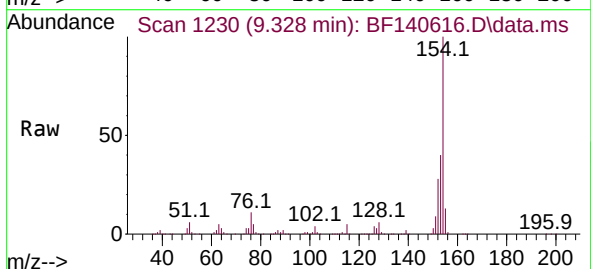
Tgt Ion:154 Resp: 444575

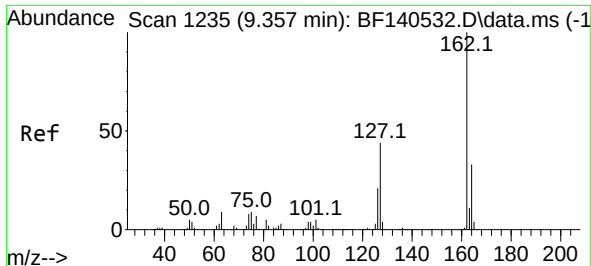
Ion Ratio Lower Upper

154 100

153 40.1 20.4 60.4

76 10.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 47.794 ng

RT: 9.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

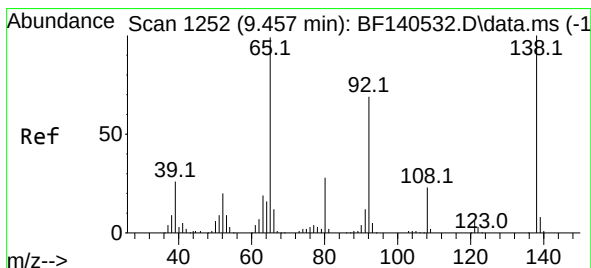
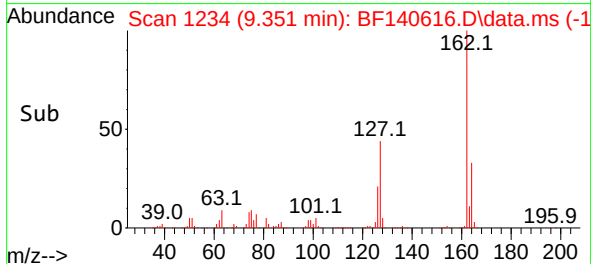
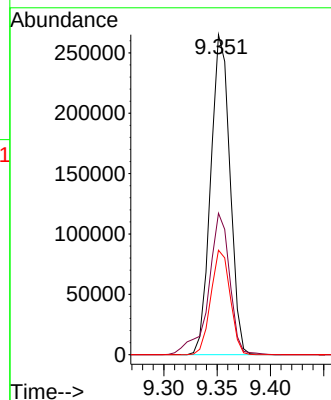
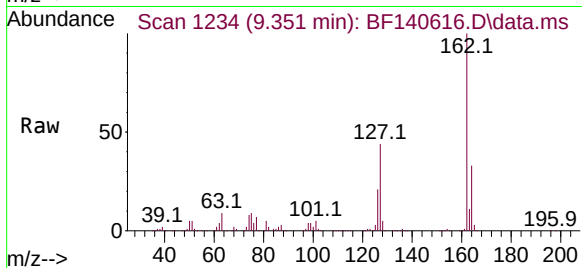
Tgt Ion:162 Resp: 332645

Ion Ratio Lower Upper

162 100

127 44.2 35.7 53.5

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 49.659 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

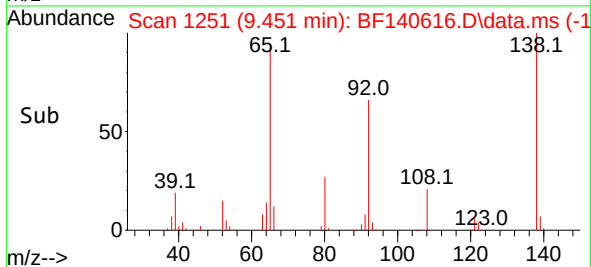
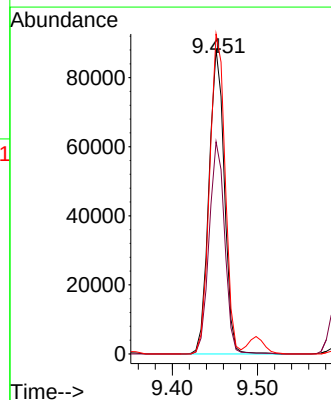
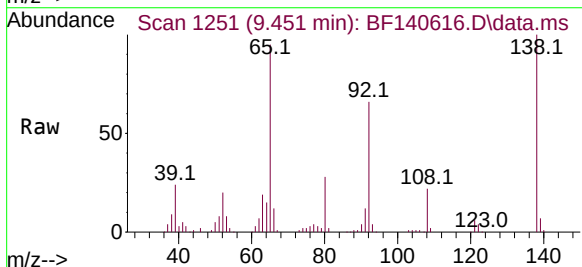
Tgt Ion: 65 Resp: 110938

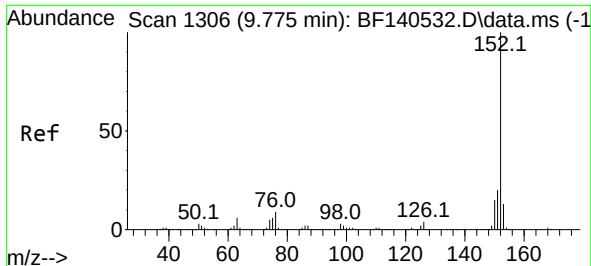
Ion Ratio Lower Upper

65 100

92 69.6 56.1 84.1

138 105.0 81.0 121.6

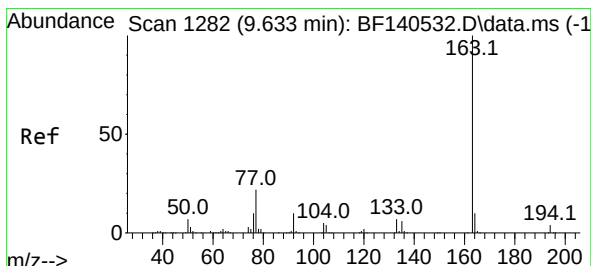
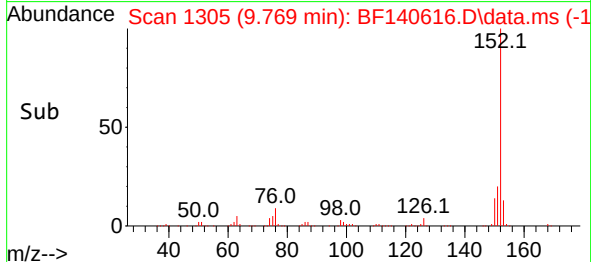
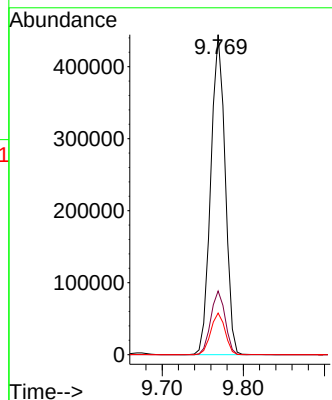
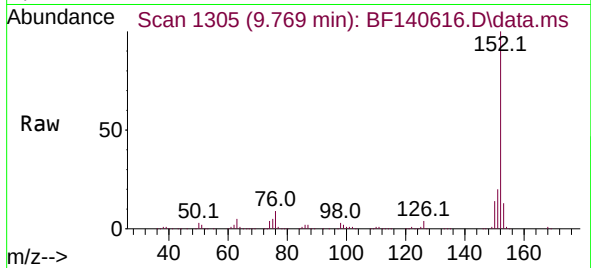




#49
Acenaphthylene
Concen: 51.889 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

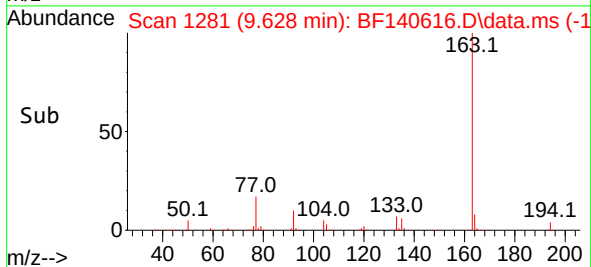
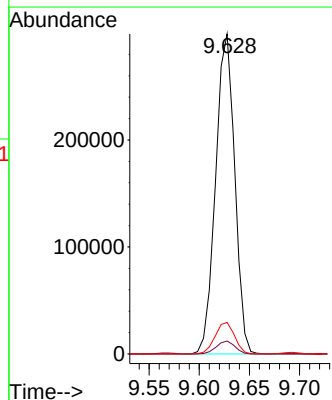
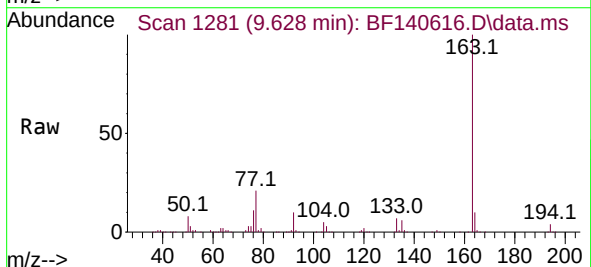
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

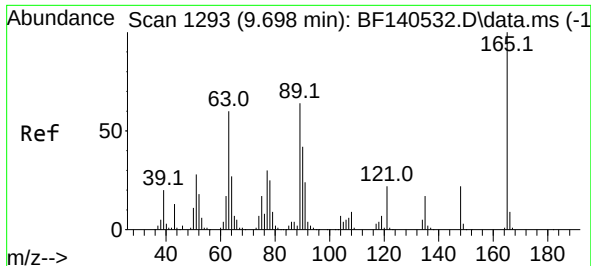
Tgt Ion:152 Resp: 545669
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.6 16.0



#50
Dimethylphthalate
Concen: 48.849 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:163 Resp: 395798
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 8.2 12.2

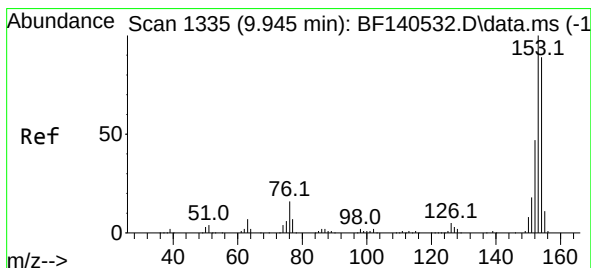
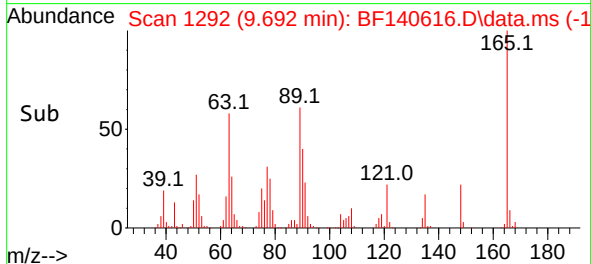
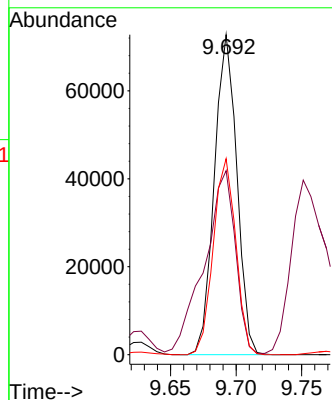
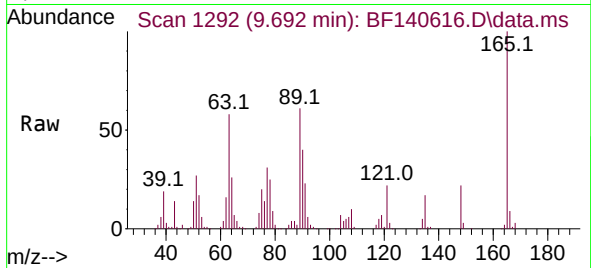




#51
2,6-Dinitrotoluene
Concen: 47.153 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

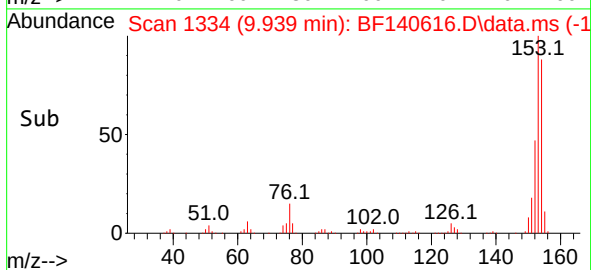
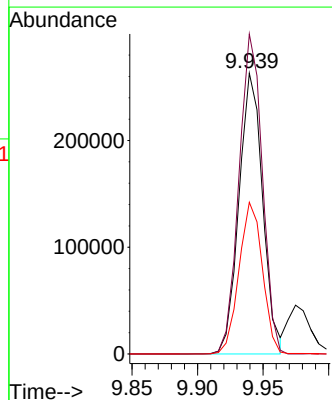
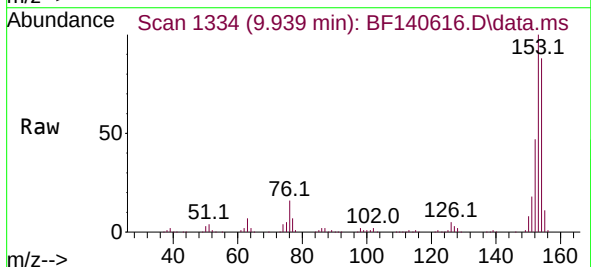
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

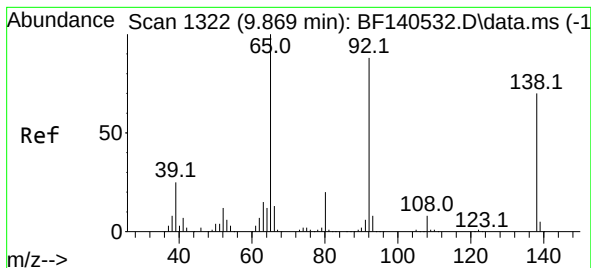
Tgt Ion:165 Resp: 86649
Ion Ratio Lower Upper
165 100
63 57.5 49.9 74.9
89 61.2 50.9 76.3



#52
Acenaphthene
Concen: 49.598 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:154 Resp: 331407
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 54.0 42.5 63.7





#53

3-Nitroaniline

Concen: 26.773 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

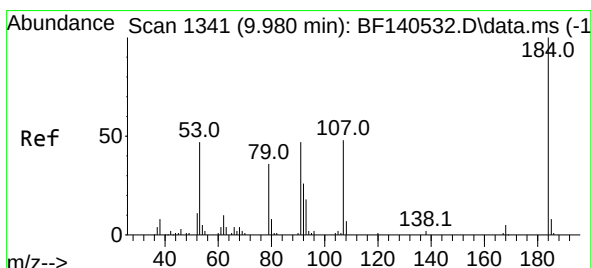
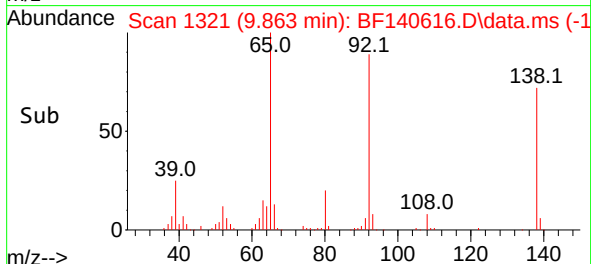
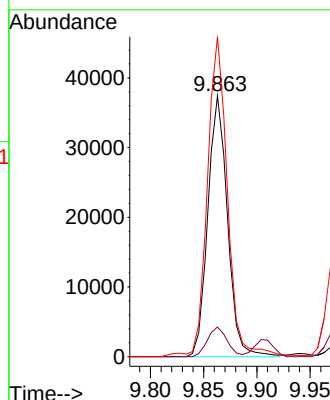
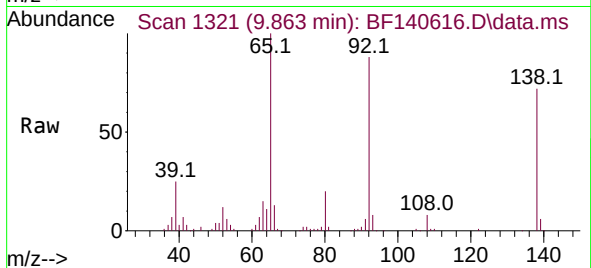
Tgt Ion:138 Resp: 48119

Ion Ratio Lower Upper

138 100

108 11.4 9.2 13.8

92 122.7 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 90.510 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.005 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

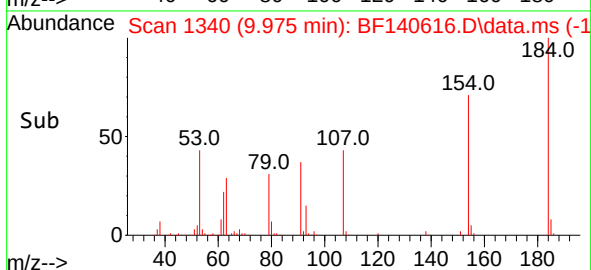
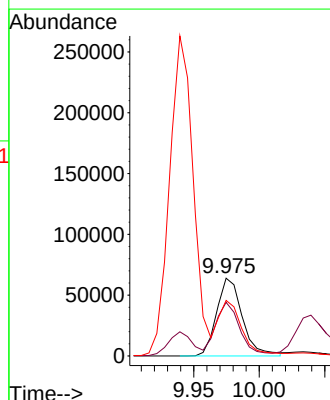
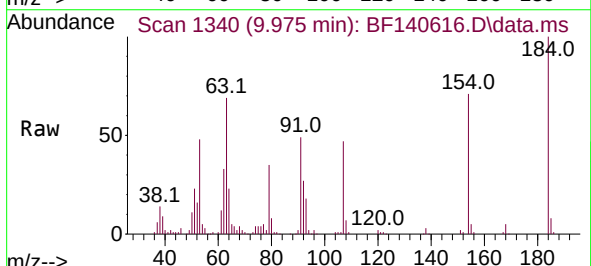
Tgt Ion:184 Resp: 87224

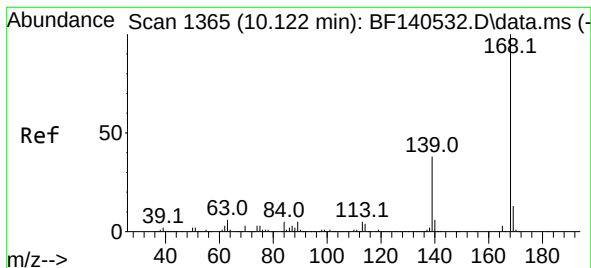
Ion Ratio Lower Upper

184 100

63 69.0 54.1 81.1

154 71.5 57.4 86.0





#55

Dibenzenofuran

Concen: 49.857 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

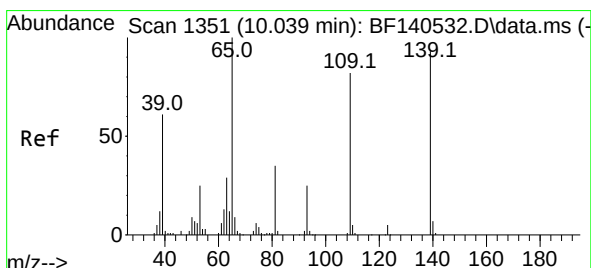
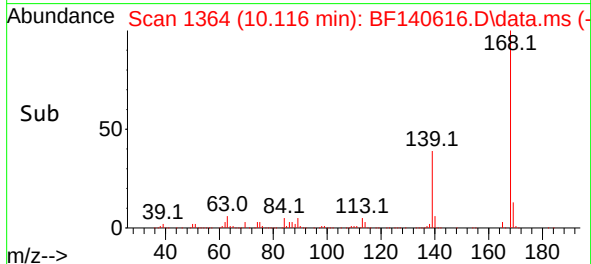
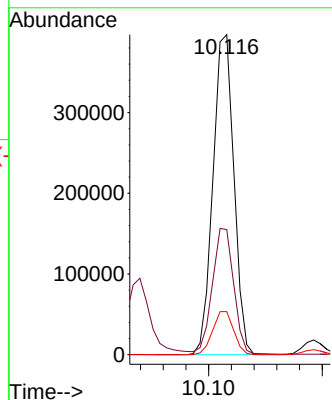
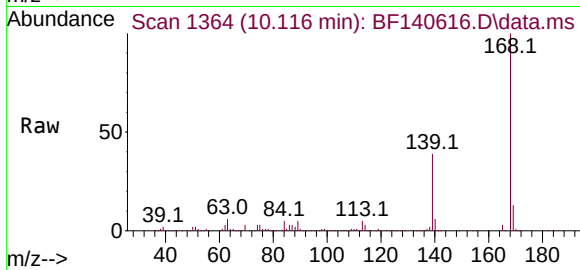
Tgt Ion:168 Resp: 508133

Ion Ratio Lower Upper

168 100

139 39.1 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 111.767 ng

RT: 10.039 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

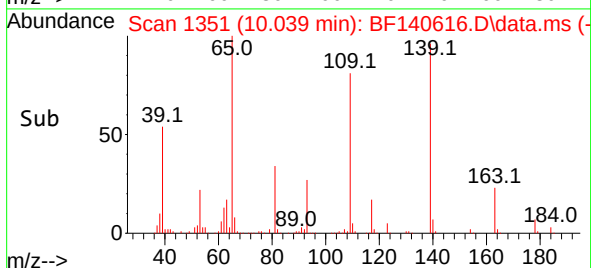
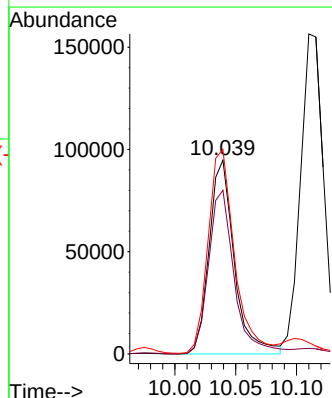
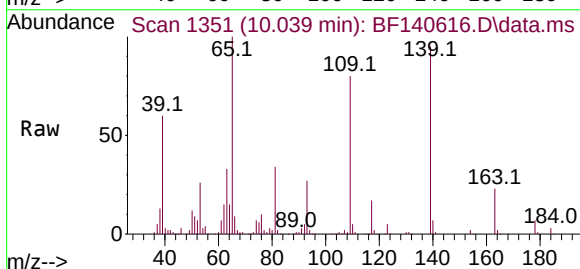
Tgt Ion:139 Resp: 136997

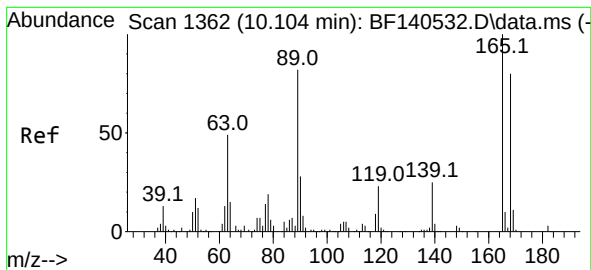
Ion Ratio Lower Upper

139 100

109 84.5 68.4 108.4

65 105.6 88.6 128.6

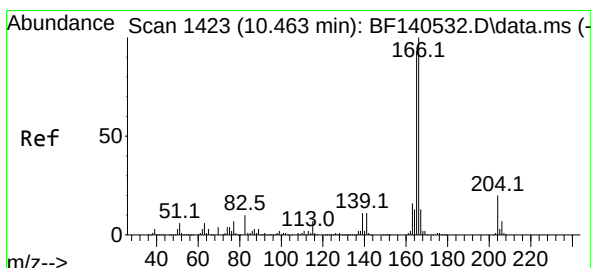
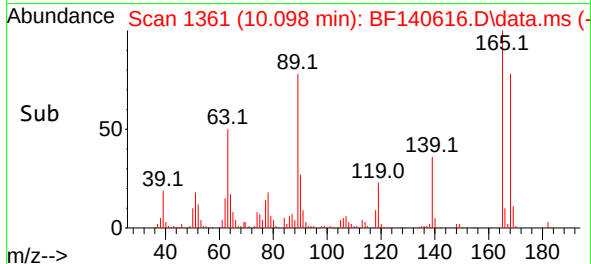
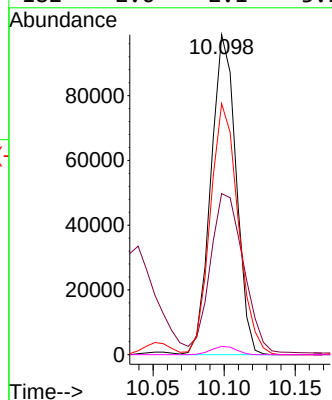
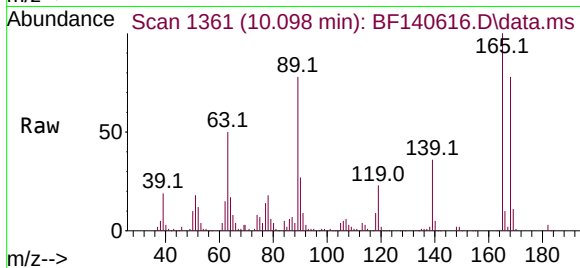




#57
2,4-Dinitrotoluene
Concen: 49.820 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

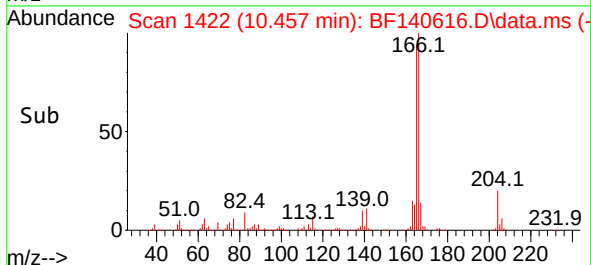
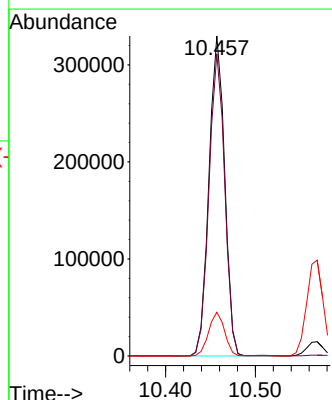
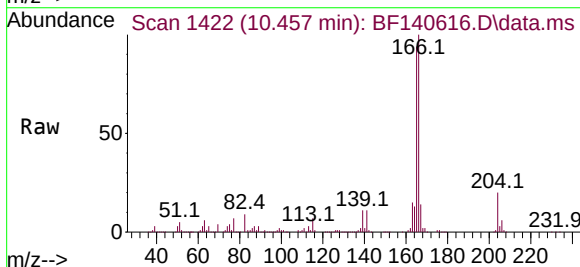
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

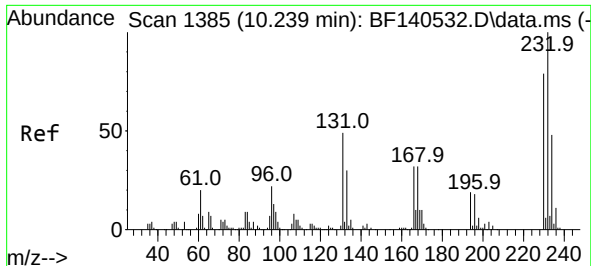
Tgt Ion:165 Resp: 121673
Ion Ratio Lower Upper
165 100
63 50.4 41.7 62.5
89 78.5 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 49.088 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:166 Resp: 401576
Ion Ratio Lower Upper
166 100
165 94.4 74.6 111.8
167 13.6 10.6 16.0

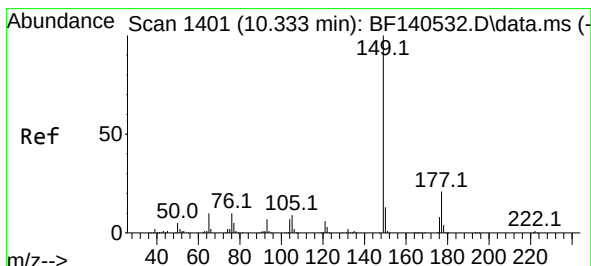
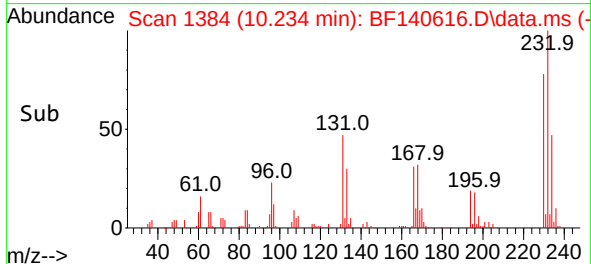
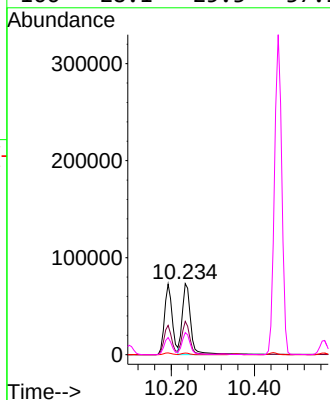
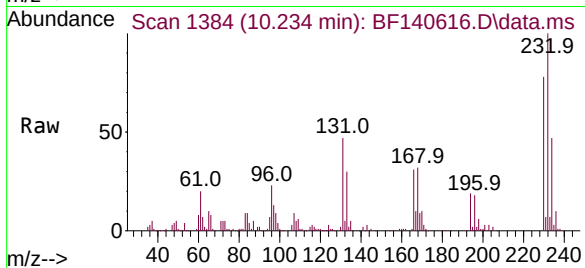




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.152 ng
RT: 10.234 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

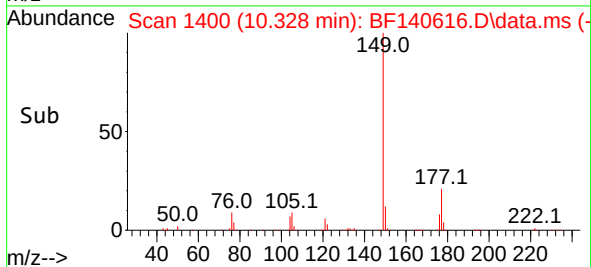
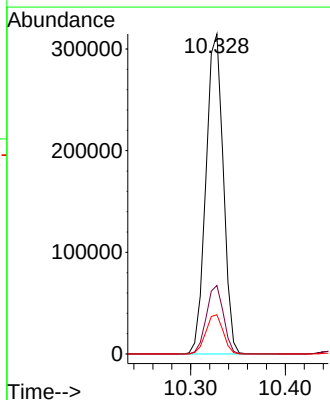
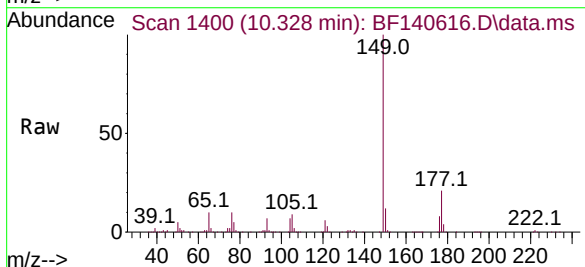
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

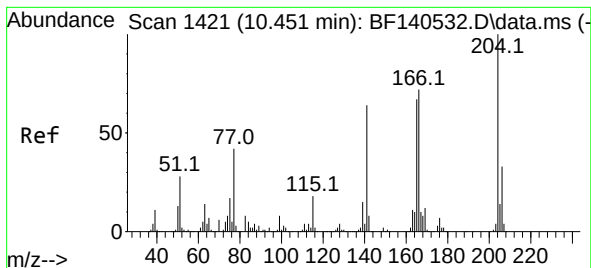
Tgt Ion:232 Resp: 103962
Ion Ratio Lower Upper
232 100
131 42.0 39.6 59.4
130 2.1 1.9 2.9
166 28.1 25.3 37.9



#60
Diethylphthalate
Concen: 48.612 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:149 Resp: 400190
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.3 10.1 15.1

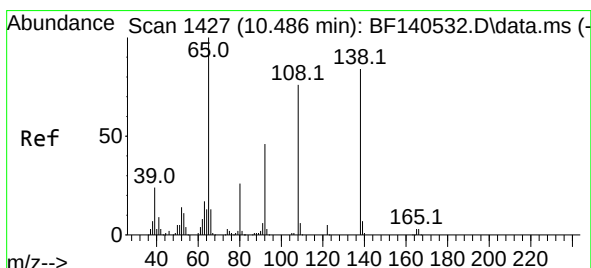
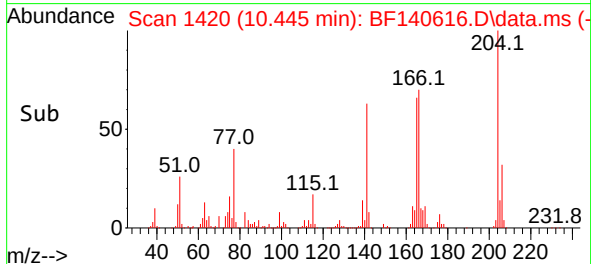
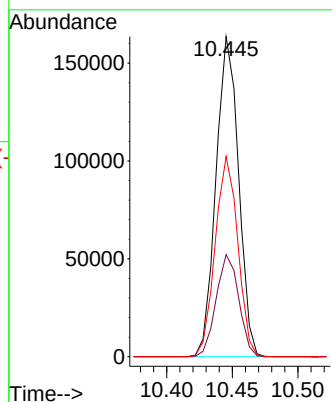
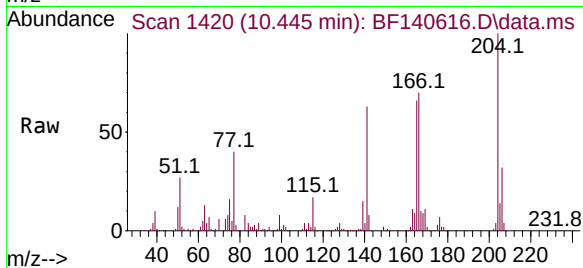




#61
4-Chlorophenyl-phenylether
Concen: 48.685 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

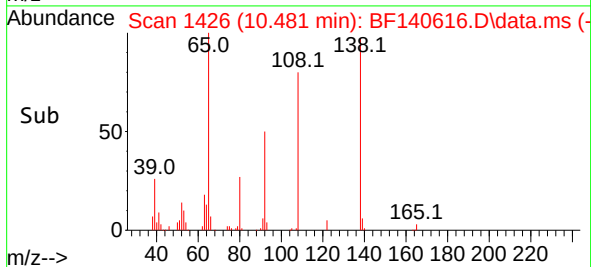
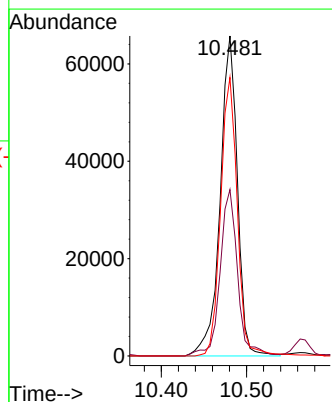
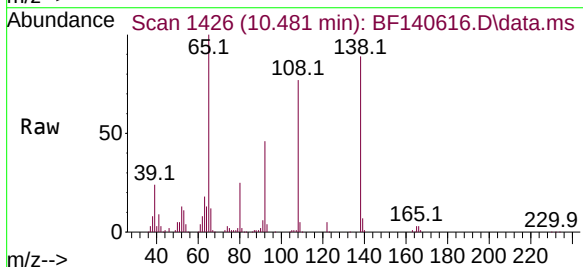
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

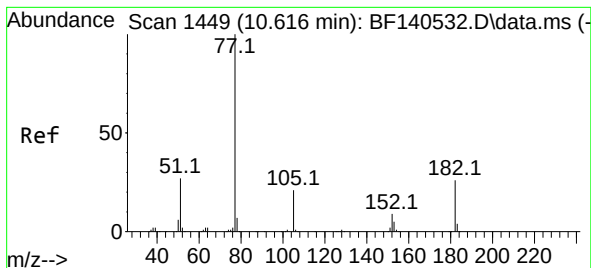
Tgt Ion:204 Resp: 195456
Ion Ratio Lower Upper
204 100
206 31.9 26.6 40.0
141 62.6 51.1 76.7



#62
4-Nitroaniline
Concen: 49.226 ng
RT: 10.481 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:138 Resp: 92792
Ion Ratio Lower Upper
138 100
92 52.0 34.5 74.5
108 87.1 70.6 110.6





#63

Azobenzene

Concen: 60.046 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

Tgt Ion: 77 Resp: 468119

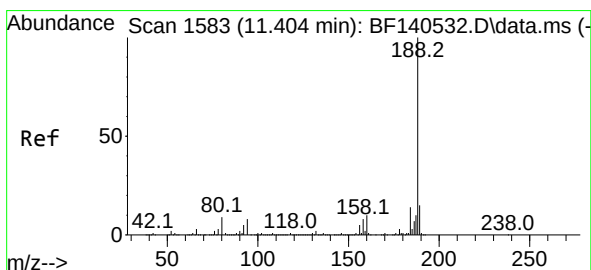
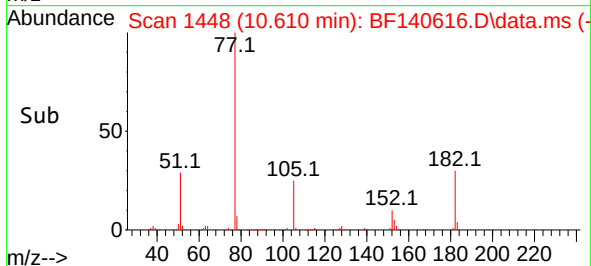
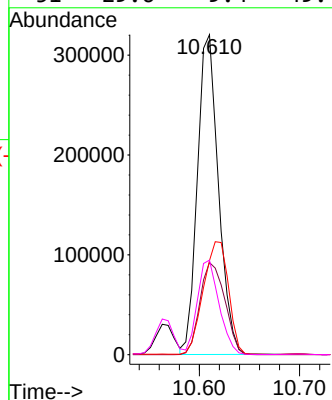
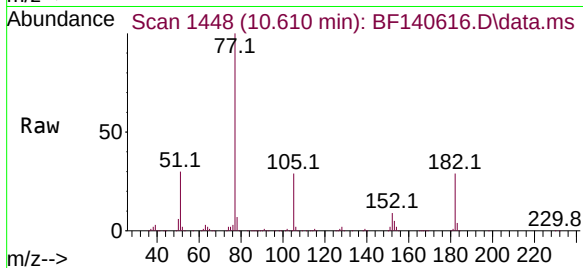
Ion Ratio Lower Upper

77 100

182 28.8 5.3 45.3

105 29.4 0.3 40.3

51 29.6 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

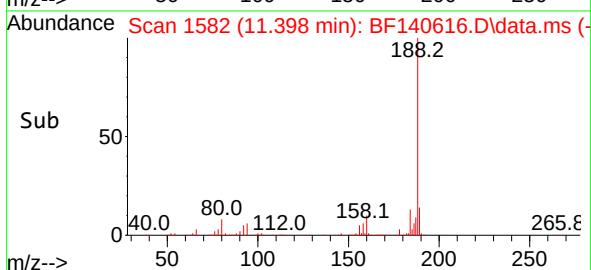
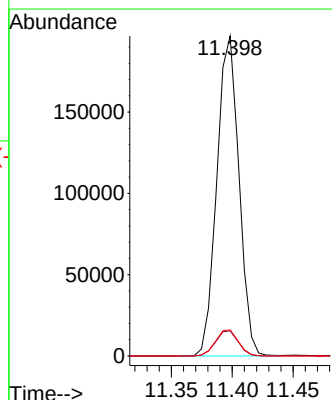
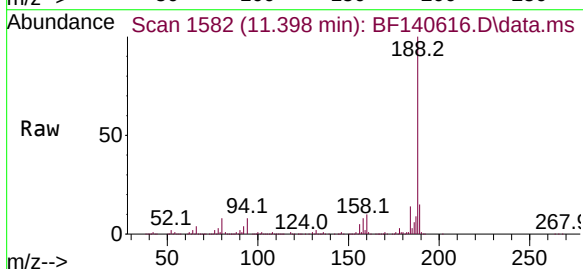
Tgt Ion: 188 Resp: 248895

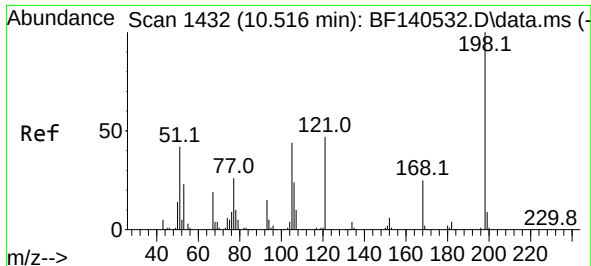
Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.1 6.9 10.3

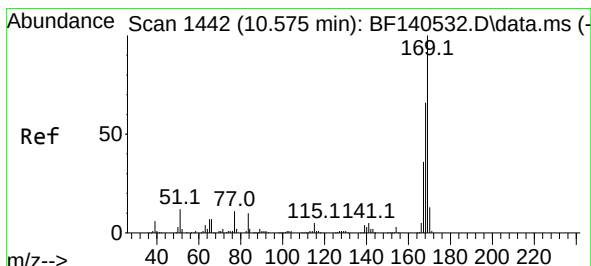
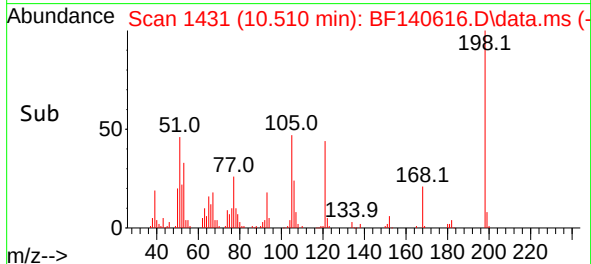
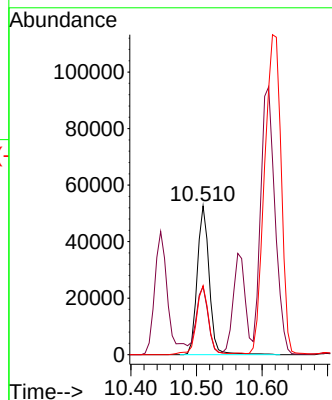
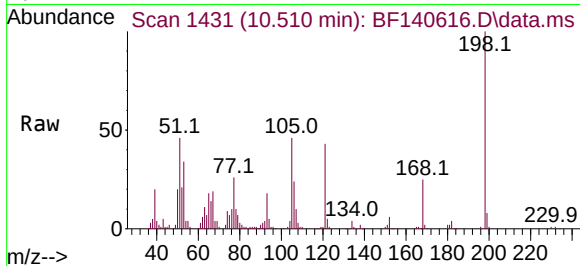




#65
4,6-Dinitro-2-methylphenol
Concen: 52.702 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

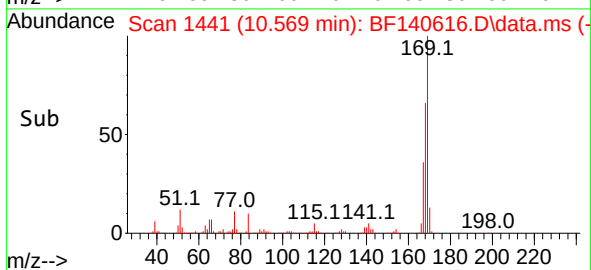
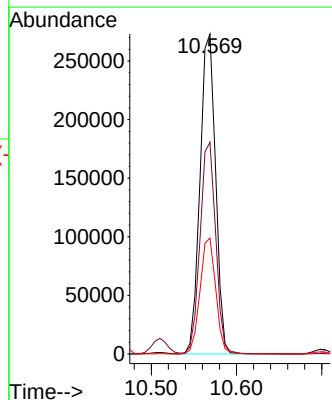
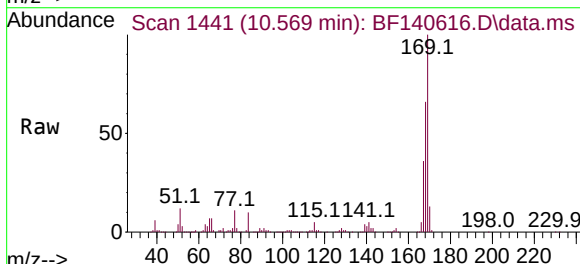
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

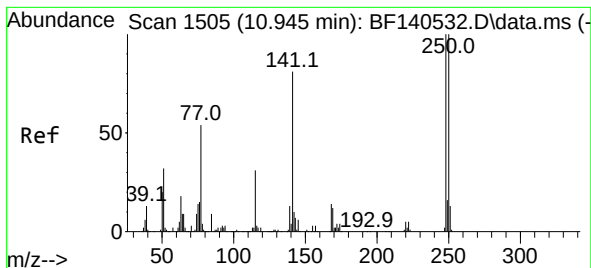
Tgt Ion:198 Resp: 67030
Ion Ratio Lower Upper
198 100
51 45.8 29.4 69.4
105 46.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 47.039 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:169 Resp: 346230
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 36.2 29.0 43.6

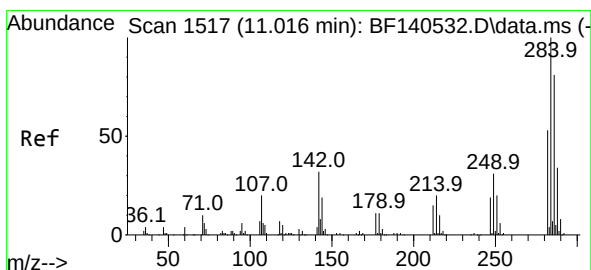
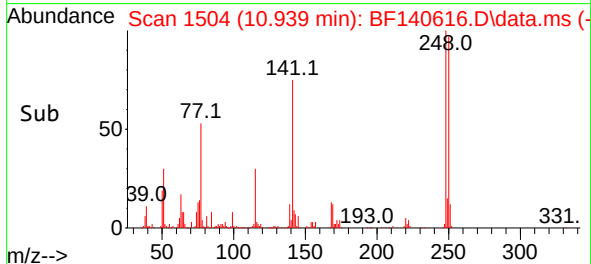
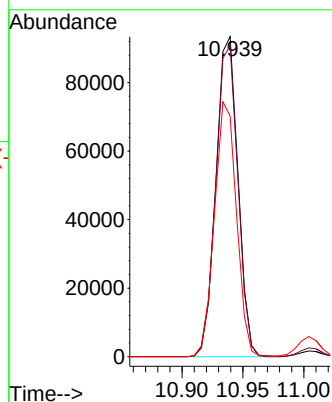
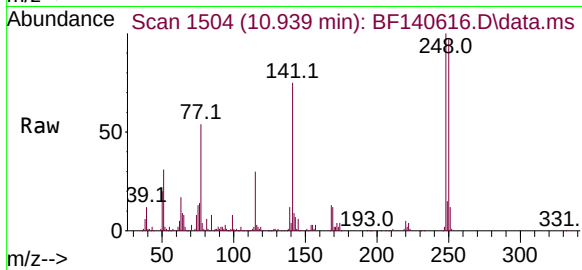




#67
4-Bromophenyl-phenylether
Concen: 45.867 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

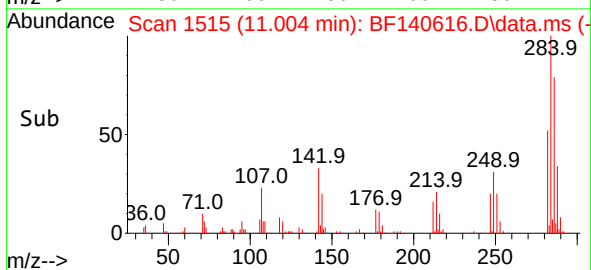
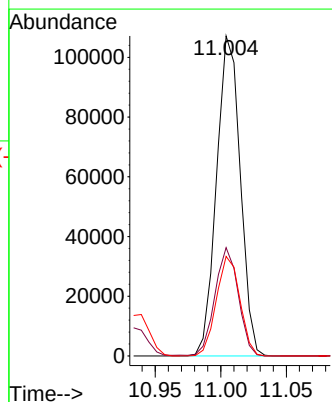
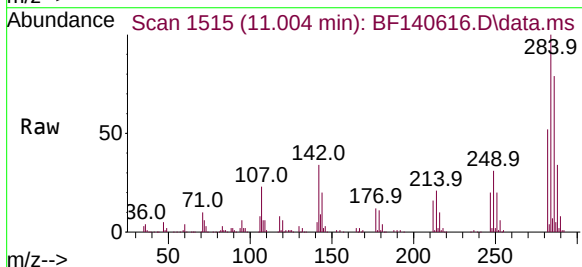
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

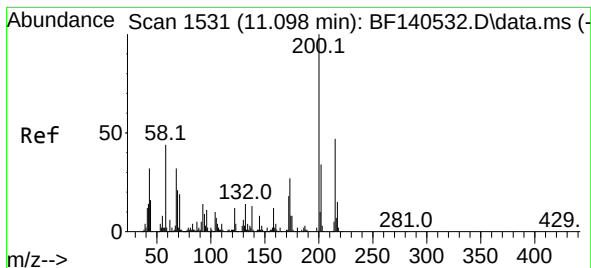
Tgt Ion:248 Resp: 117568
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 75.2 64.7 97.1



#68
Hexachlorobenzene
Concen: 45.369 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:284 Resp: 134655
Ion Ratio Lower Upper
284 100
142 33.8 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 54.725 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

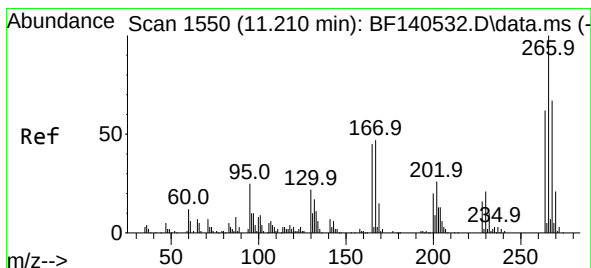
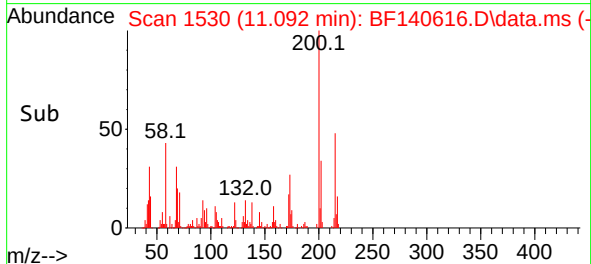
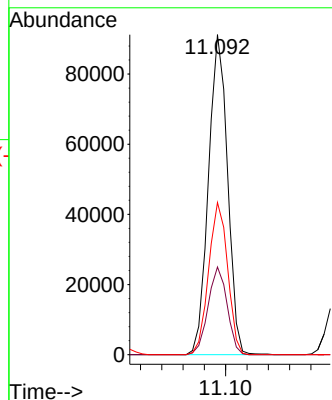
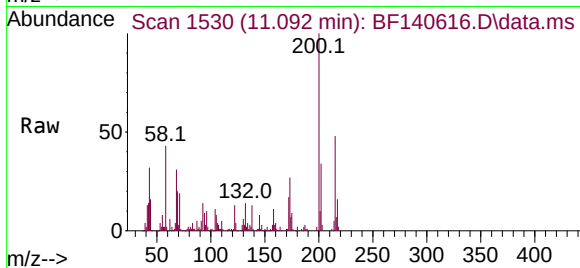
Tgt Ion:200 Resp: 113317

Ion Ratio Lower Upper

200 100

173 27.4 7.0 47.0

215 47.6 26.7 66.7



#70

Pentachlorophenol

Concen: 99.849 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

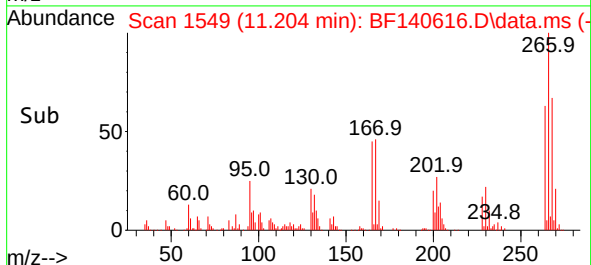
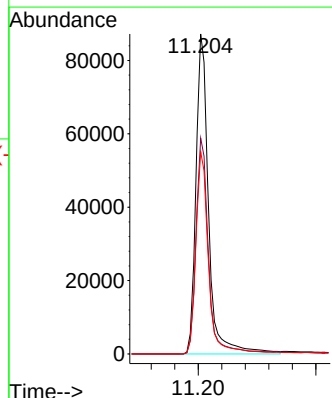
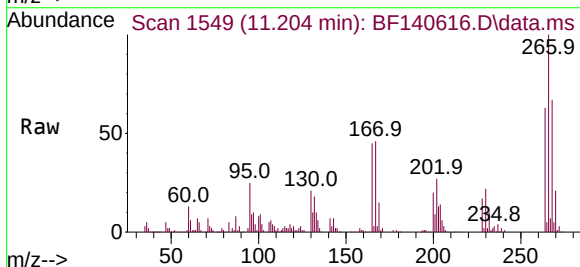
Tgt Ion:266 Resp: 130430

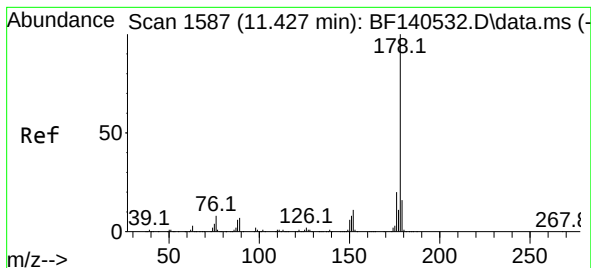
Ion Ratio Lower Upper

266 100

268 67.5 53.7 80.5

264 63.2 49.8 74.8





#71

Phenanthrene

Concen: 49.264 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

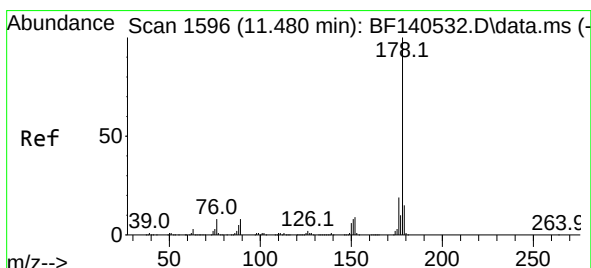
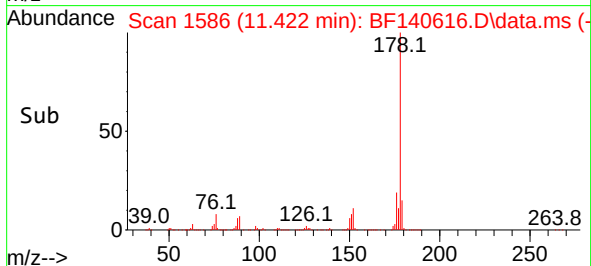
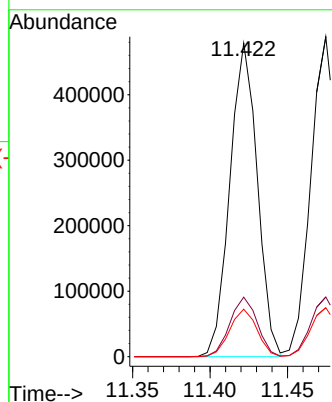
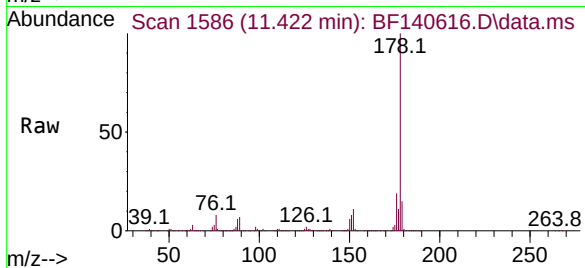
Tgt Ion:178 Resp: 589402

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

179 15.2 12.4 18.6



#72

Anthracene

Concen: 51.800 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

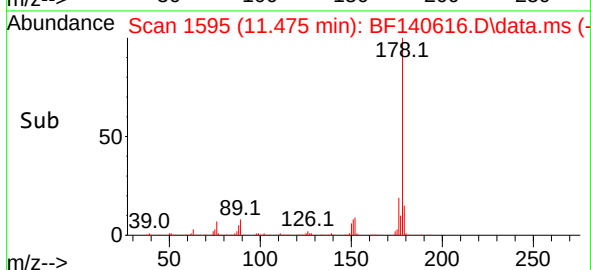
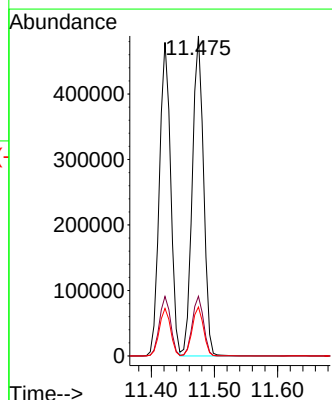
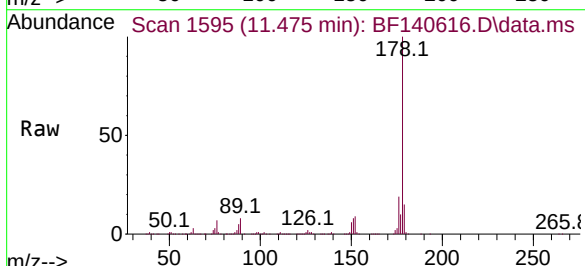
Tgt Ion:178 Resp: 606224

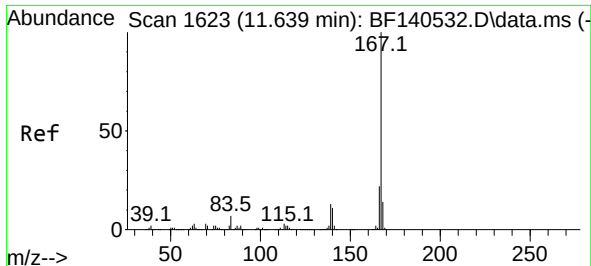
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.3 12.2 18.4

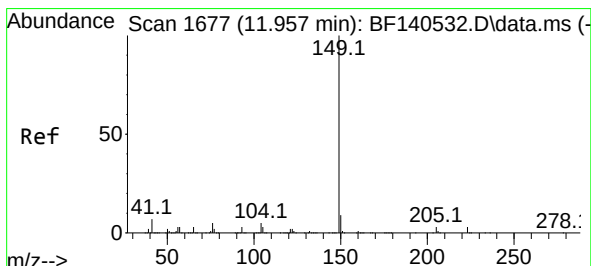
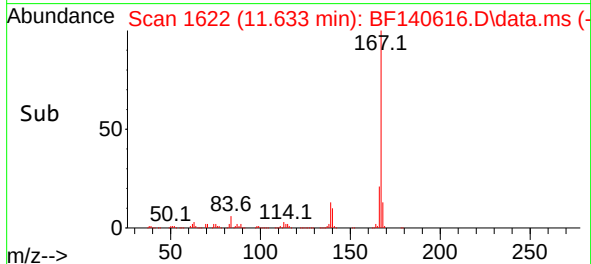
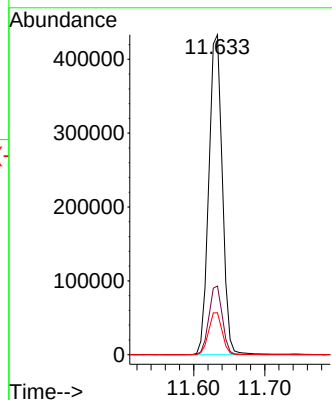
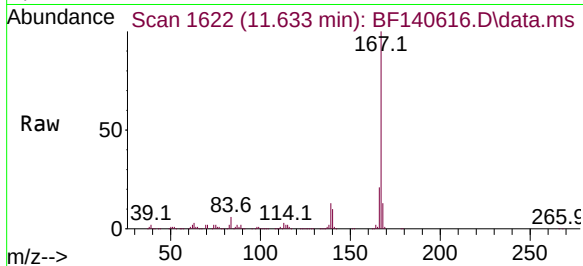




#73
Carbazole
Concen: 50.958 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

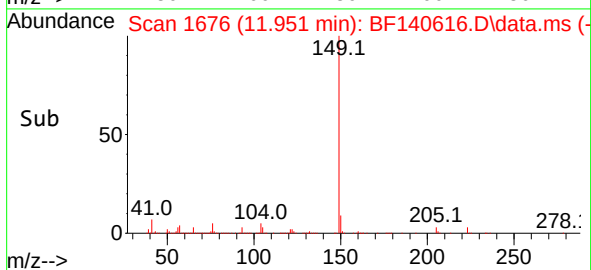
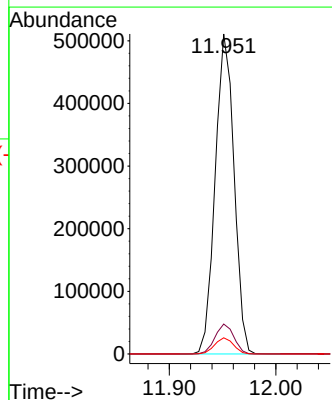
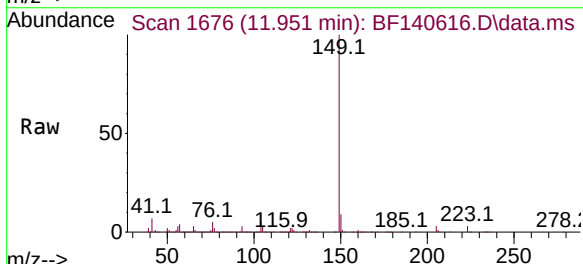
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

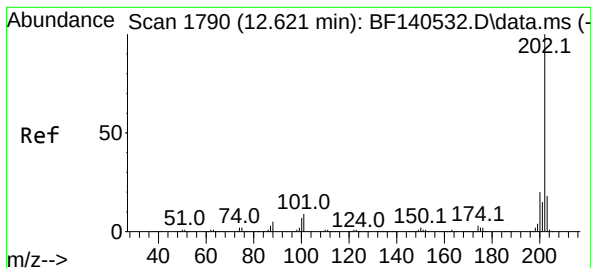
Tgt Ion:167 Resp: 573716
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.1 10.6 15.8



#74
Di-n-butylphthalate
Concen: 48.218 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:149 Resp: 626735
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 49.481 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

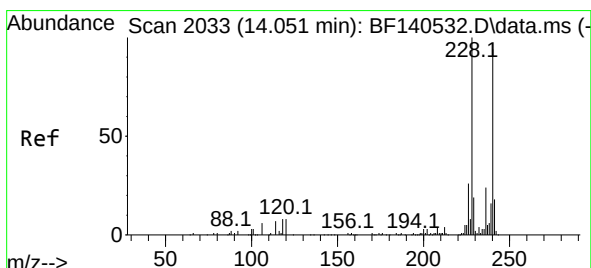
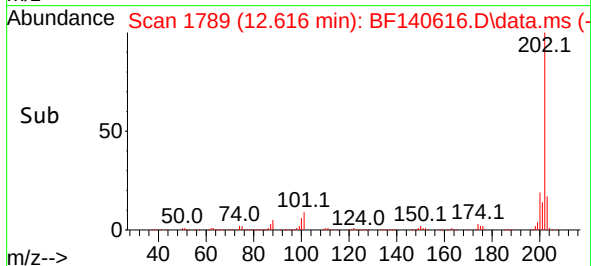
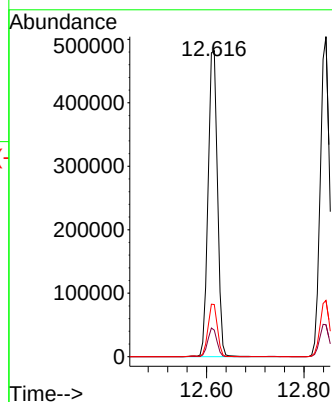
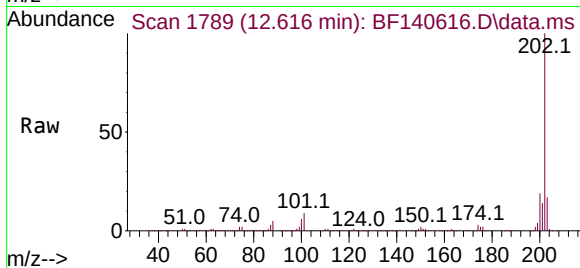
Tgt Ion:202 Resp: 642759

Ion Ratio Lower Upper

202 100

101 8.7 0.0 28.9

203 17.0 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

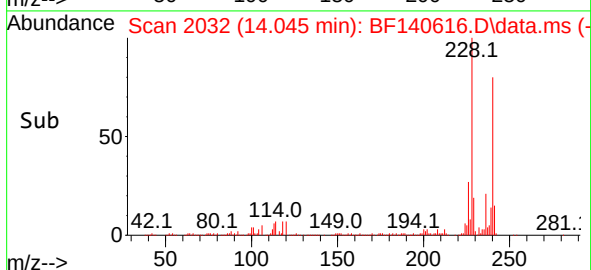
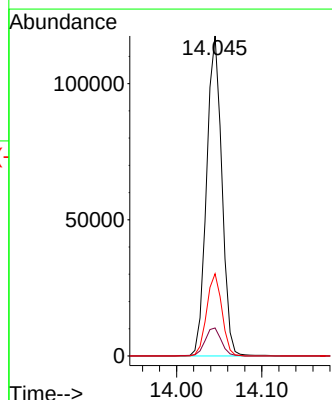
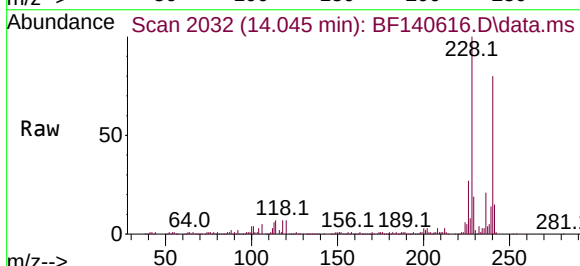
Tgt Ion:240 Resp: 146278

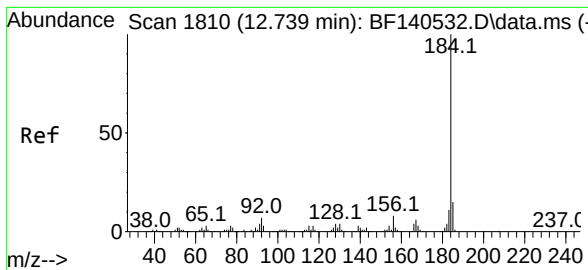
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.7 20.6 31.0

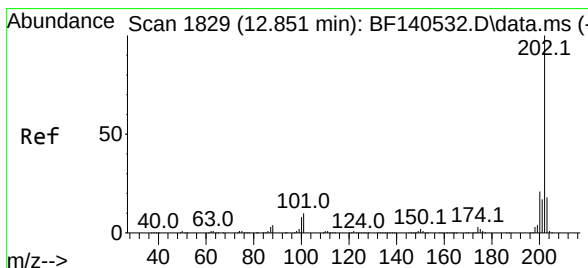
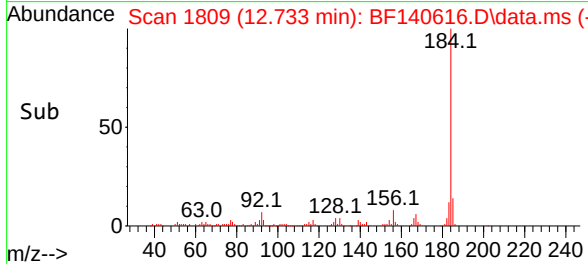
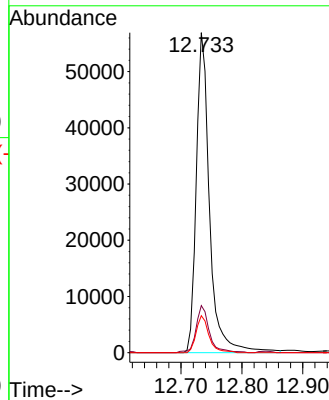
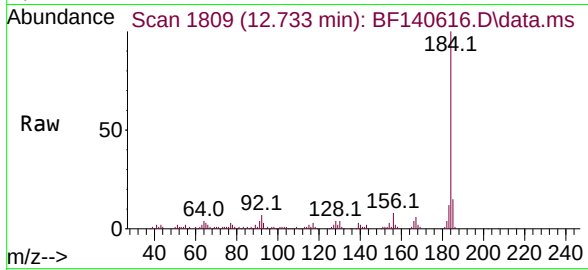




#77
Benzidine
Concen: 20.272 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

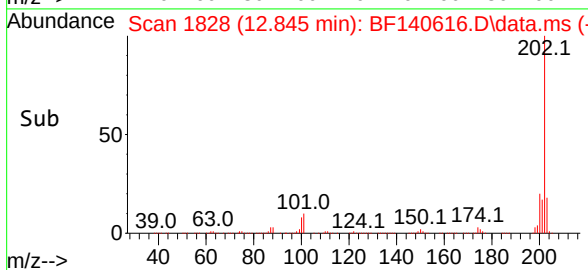
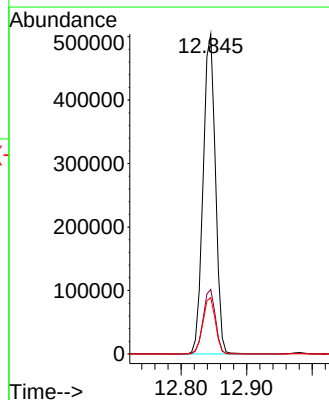
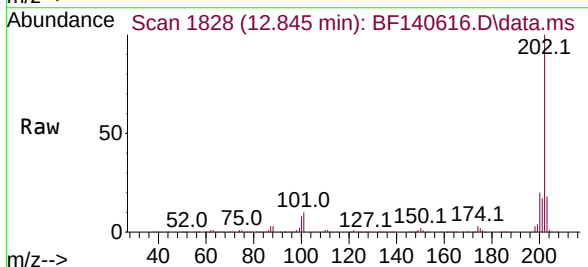
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

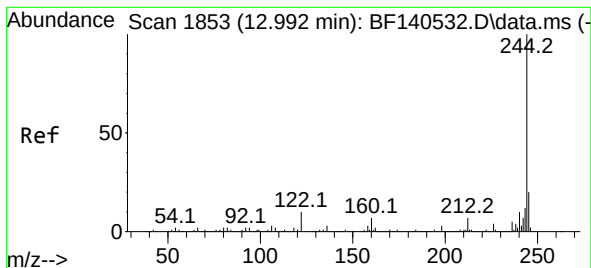
Tgt Ion:184 Resp: 86215
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.6 8.8 13.2



#78
Pyrene
Concen: 48.774 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:202 Resp: 659684
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 76.598 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140616.D

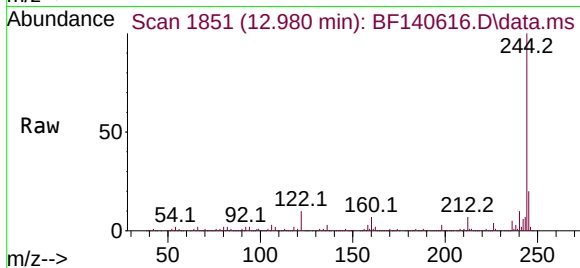
Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS



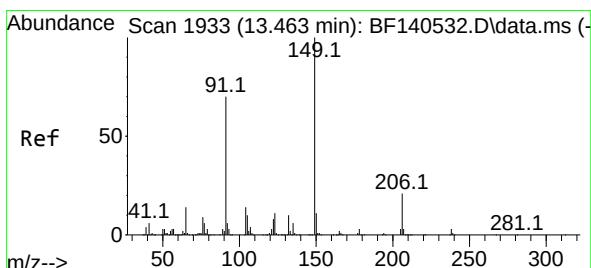
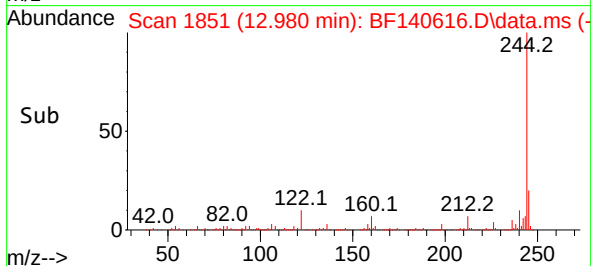
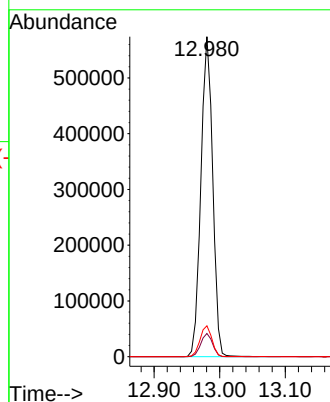
Tgt Ion:244 Resp: 719566

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.7 8.0 12.0



#80

Butylbenzylphthalate

Concen: 47.383 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

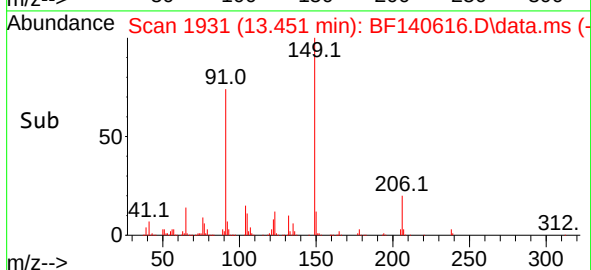
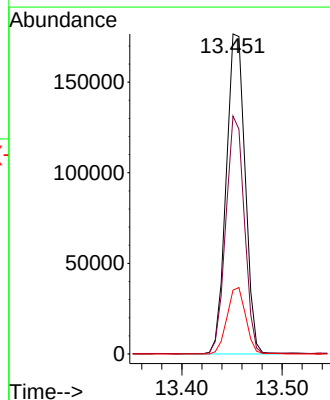
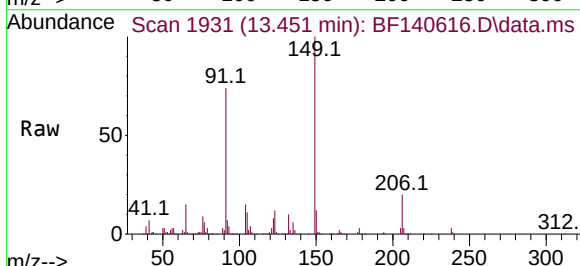
Tgt Ion:149 Resp: 230866

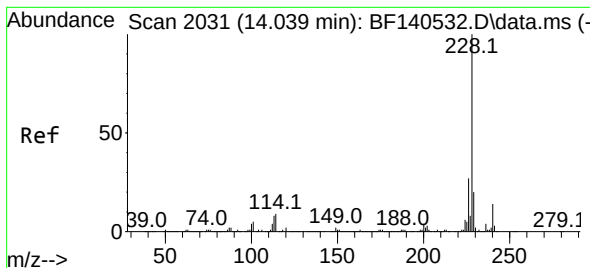
Ion Ratio Lower Upper

149 100

91 74.4 56.2 84.2

206 20.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.029 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

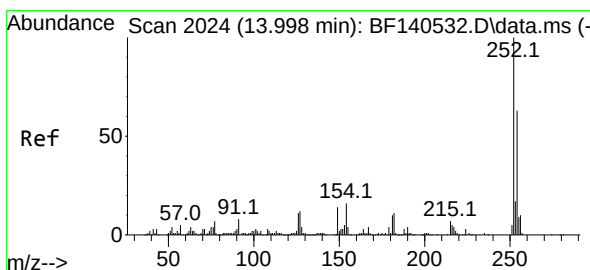
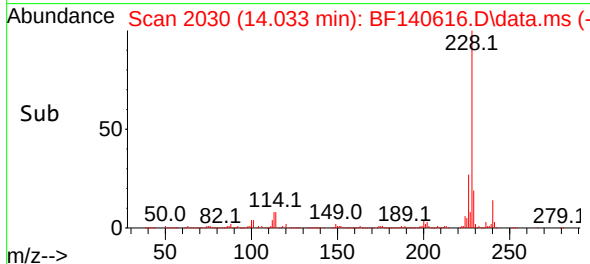
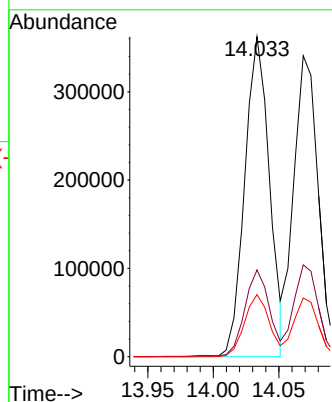
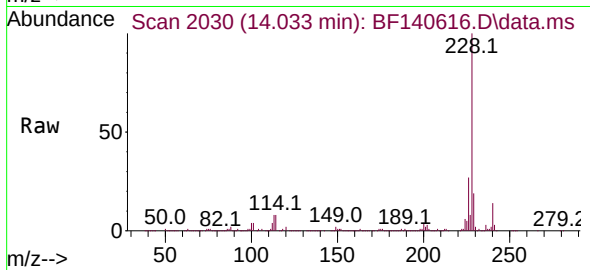
Tgt Ion:228 Resp: 474747

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.4 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.854 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

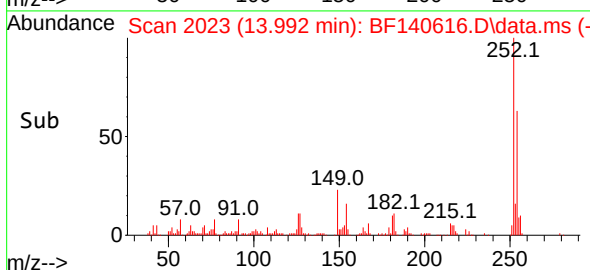
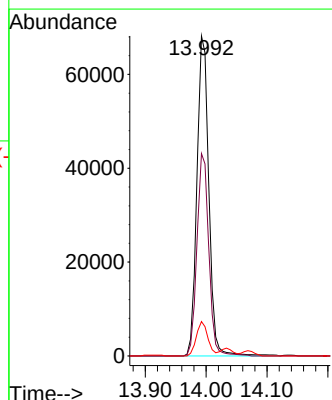
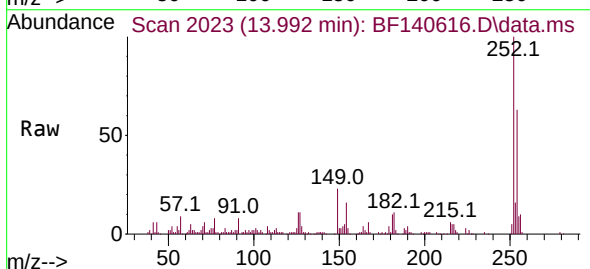
Tgt Ion:252 Resp: 92607

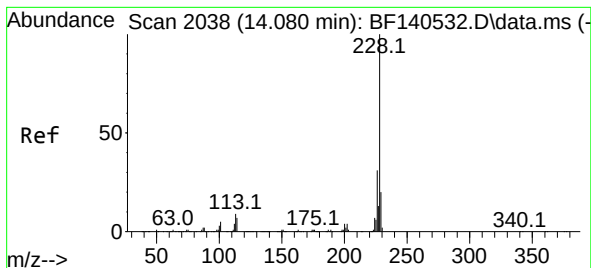
Ion Ratio Lower Upper

252 100

254 63.2 50.8 76.2

126 10.8 8.6 13.0





#83

Chrysene

Concen: 50.014 ng

RT: 14.069 min Scan# 2038

Delta R.T. -0.012 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

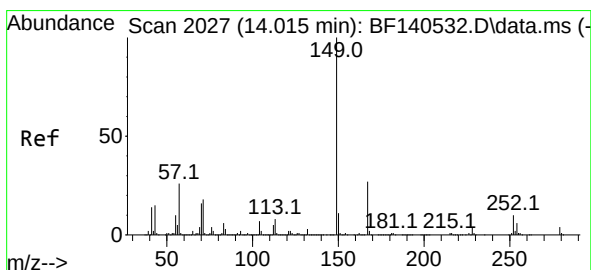
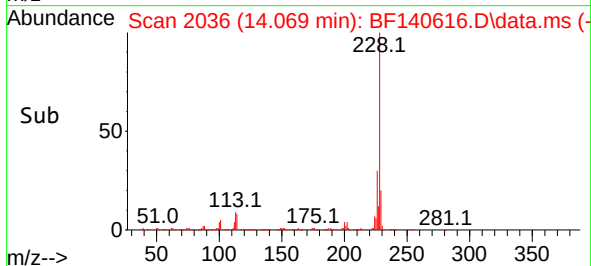
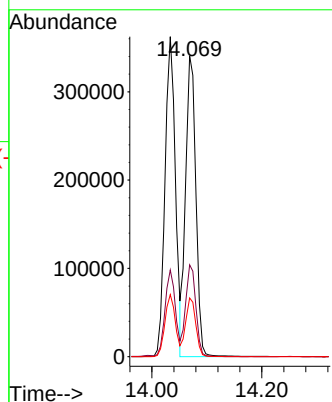
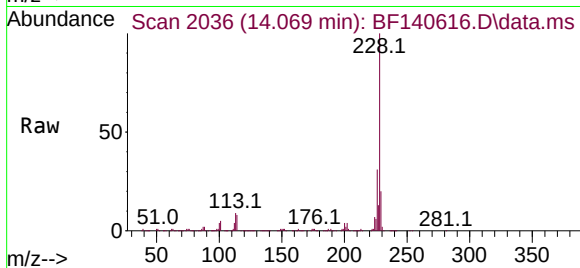
Tgt Ion:228 Resp: 442822

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.739 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

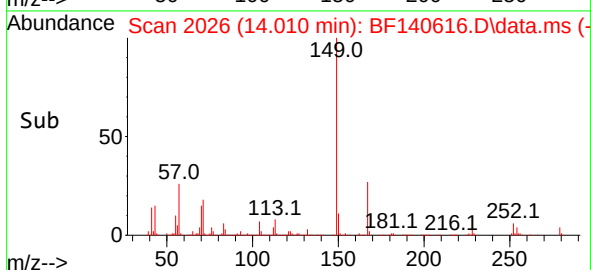
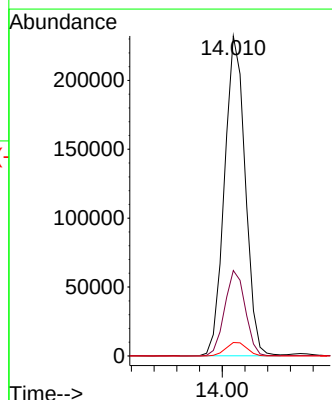
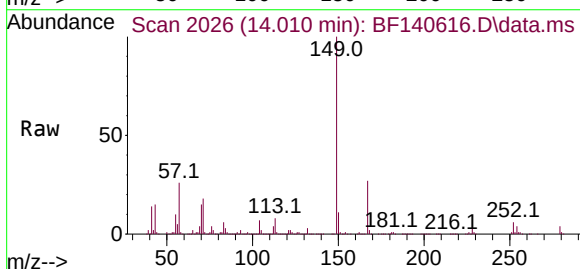
Tgt Ion:149 Resp: 293707

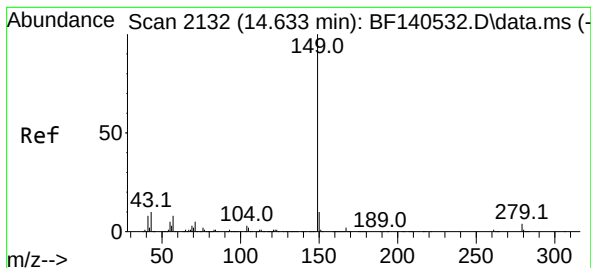
Ion Ratio Lower Upper

149 100

167 26.7 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 51.305 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

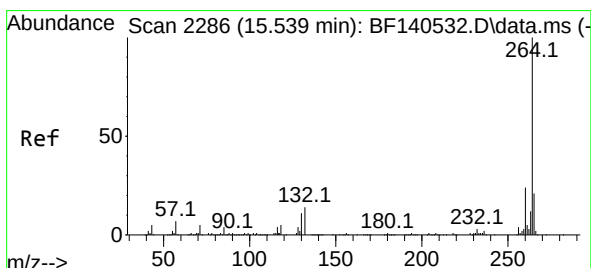
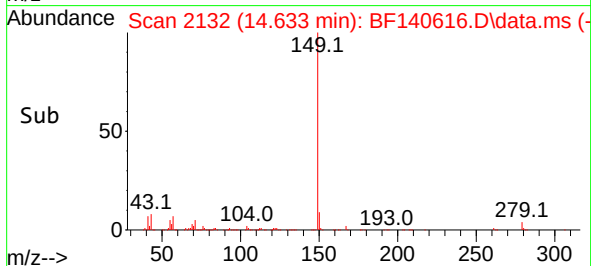
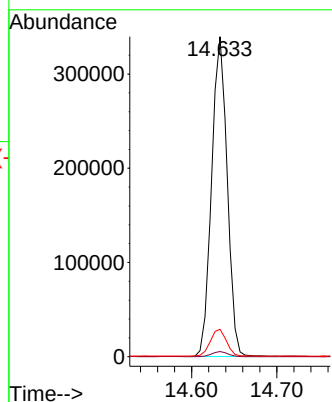
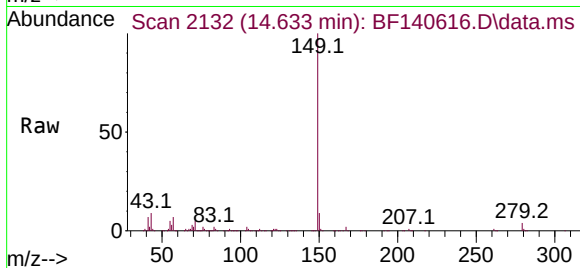
Tgt Ion:149 Resp: 431370

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

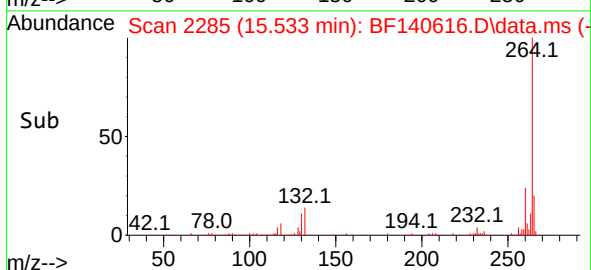
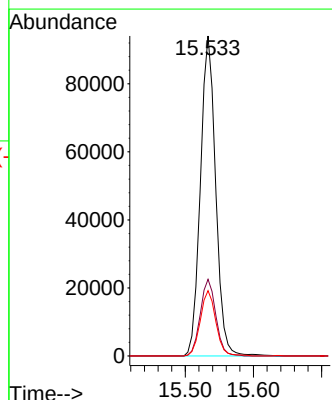
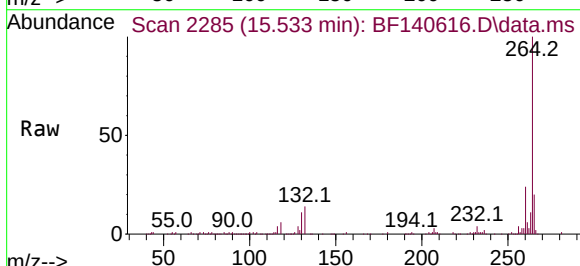
Tgt Ion:264 Resp: 146323

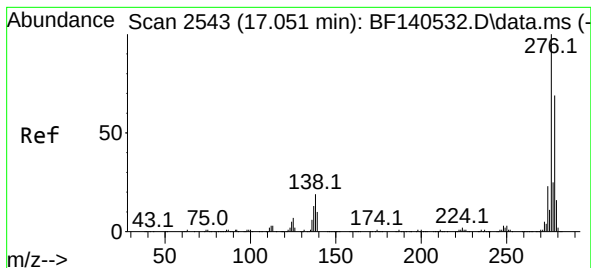
Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.6

265 20.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.187 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

Instrument :

BNA_F

ClientSampleId :

PH2-BOT-006MS

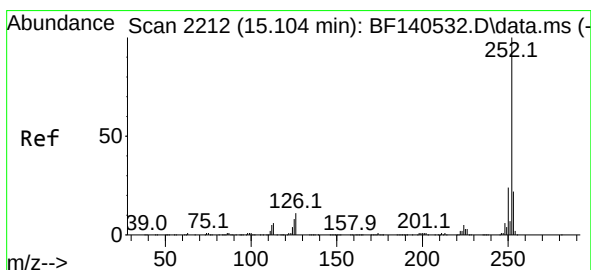
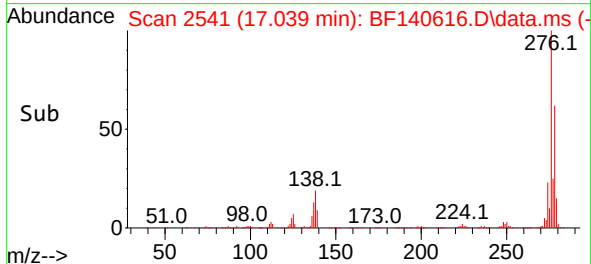
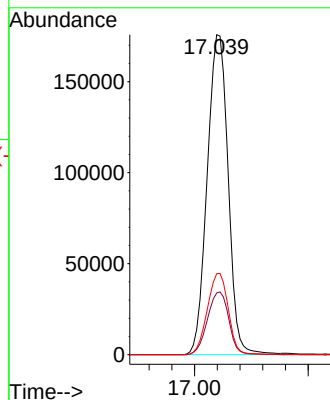
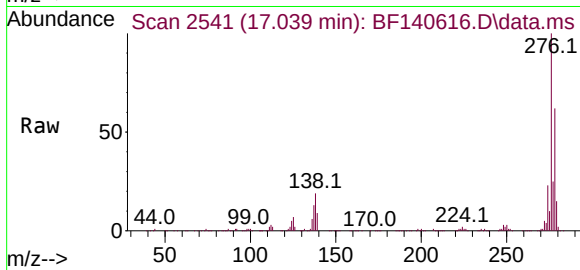
Tgt Ion:276 Resp: 449958

Ion Ratio Lower Upper

276 100

138 20.0 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.578 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.006 min

Lab File: BF140616.D

Acq: 25 Nov 2024 21:11

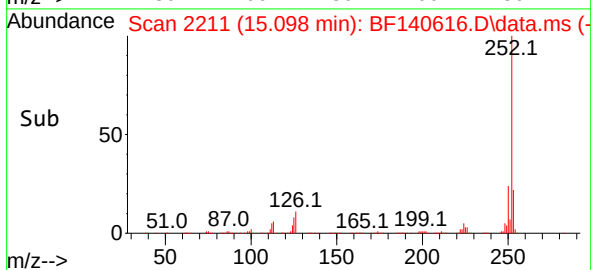
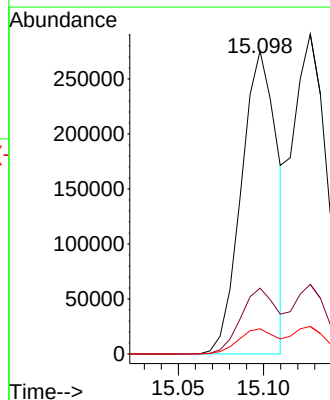
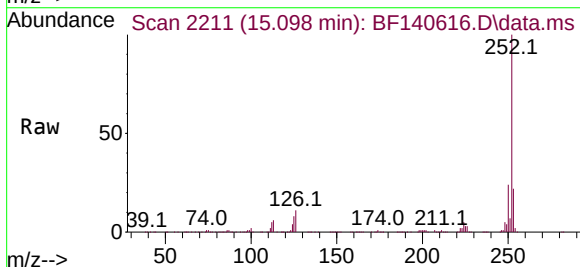
Tgt Ion:252 Resp: 400514

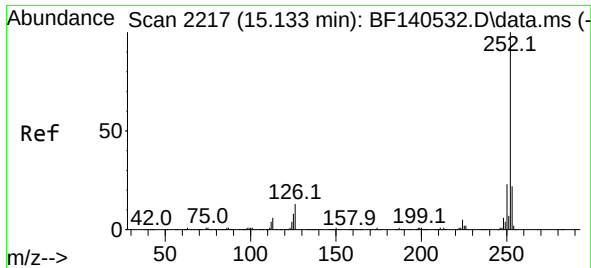
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.3 6.7 10.1

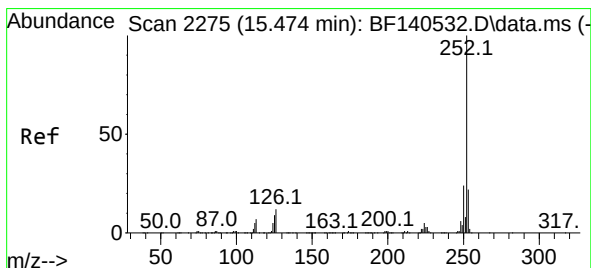
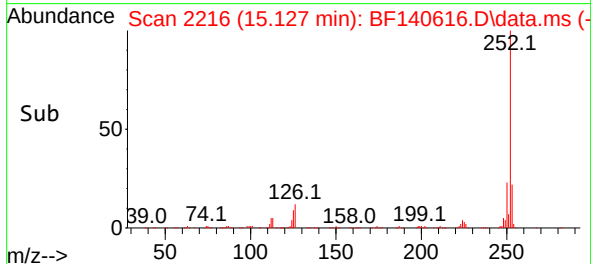
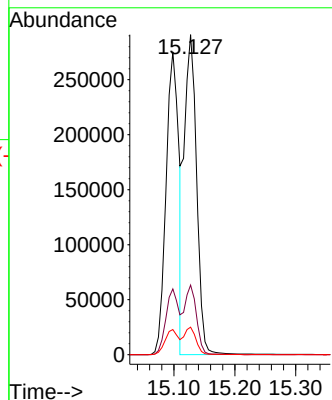
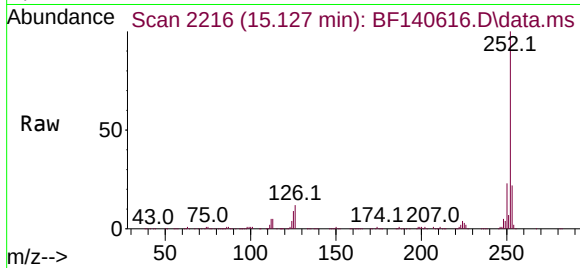




#89
Benzo(k)fluoranthene
Concen: 50.714 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

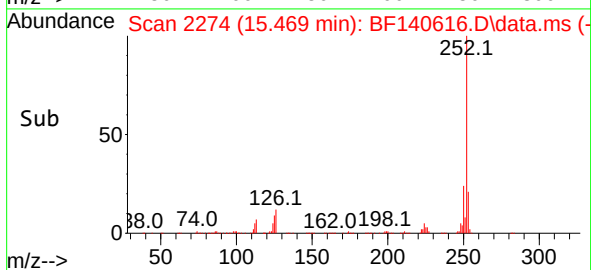
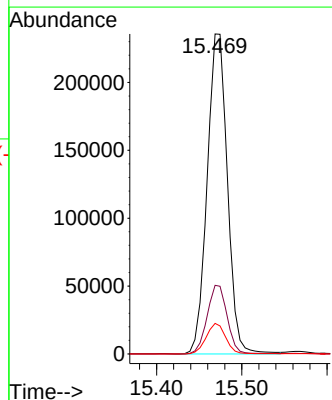
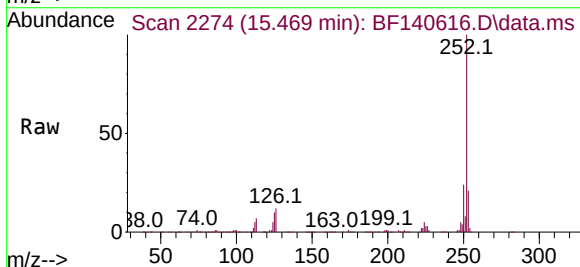
Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

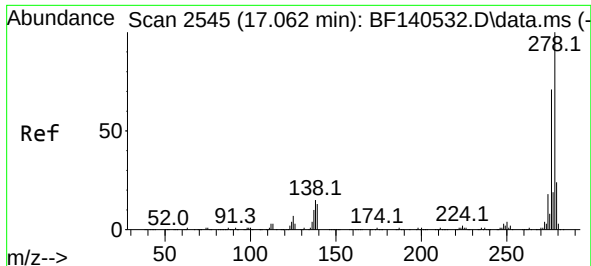
Tgt Ion:252 Resp: 407874
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.6 6.5 9.7



#90
Benzo(a)pyrene
Concen: 52.128 ng
RT: 15.469 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:252 Resp: 389547
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.5 7.0 10.6

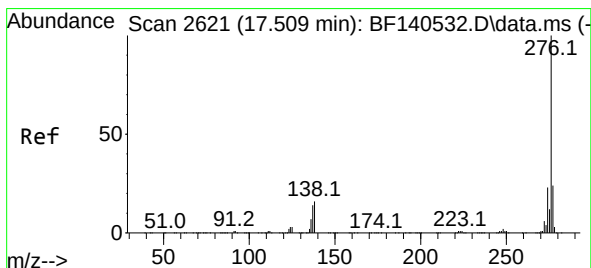
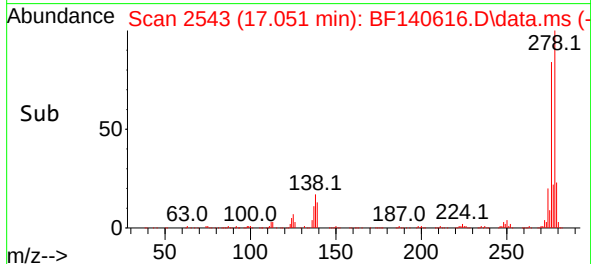
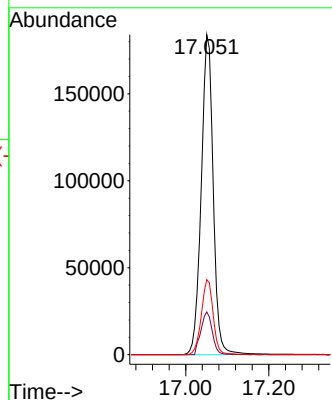
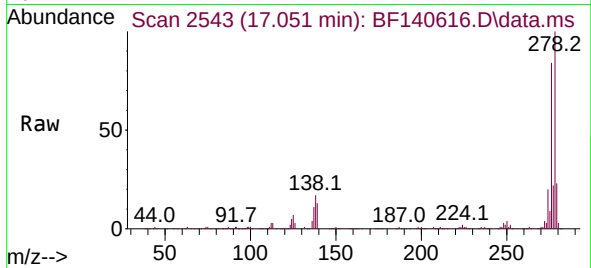




#91
Dibenzo(a,h)anthracene
Concen: 47.254 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Instrument :
BNA_F
ClientSampleId :
PH2-BOT-006MS

Tgt Ion:278 Resp: 369027
Ion Ratio Lower Upper
278 100
139 13.3 10.2 15.4
279 23.5 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.864 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.017 min
Lab File: BF140616.D
Acq: 25 Nov 2024 21:11

Tgt Ion:276 Resp: 325649
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 18.0 13.2 19.8

