

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140154.D
 Acq On : 30 Oct 2024 13:43
 Operator : RC/JU
 Sample : PB164531BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164531BS

Quant Time: Oct 30 14:28:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	105620	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	408885	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	234784	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	443747	20.000	ng	0.00
76) Chrysene-d12	14.074	240	268777	20.000	ng	0.02
86) Perylene-d12	15.574	264	246640	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	888404	131.678	ng	0.01
7) Phenol-d6	6.510	99	1131139	129.448	ng	0.00
23) Nitrobenzene-d5	7.445	82	774829	105.027	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	351986	160.278	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1418927	99.881	ng	0.00
79) Terphenyl-d14	13.010	244	1639392	99.389	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.758	88	130252	41.407	ng	100
3) Pyridine	3.505	79	325121	41.697	ng	96
4) n-Nitrosodimethylamine	3.463	42	207894	49.626	ng	# 93
6) Aniline	6.546	93	411553	50.536	ng	99
8) 2-Chlorophenol	6.669	128	360539	52.273	ng	99
9) Benzaldehyde	6.434	77	66464	13.521	ng	99
10) Phenol	6.522	94	463504	51.451	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	354492	50.911	ng	99
12) 1,3-Dichlorobenzene	6.828	146	388045	49.011	ng	99
13) 1,4-Dichlorobenzene	6.898	146	392076	49.567	ng	98
14) 1,2-Dichlorobenzene	7.051	146	374091	50.673	ng	99
15) Benzyl Alcohol	7.022	79	340672	53.149	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	621636	52.358	ng	99
17) 2-Methylphenol	7.128	107	299763	50.969	ng	98
18) Hexachloroethane	7.393	117	146702	52.008	ng	100
19) n-Nitroso-di-n-propyla...	7.293	70	266508	50.288	ng	100
20) 3+4-Methylphenols	7.281	107	366247	48.686	ng	# 87
22) Acetophenone	7.293	105	494591	49.385	ng	99
24) Nitrobenzene	7.463	77	410928	50.803	ng	99
25) Isophorone	7.698	82	740247	52.866	ng	99
26) 2-Nitrophenol	7.781	139	187293	61.378	ng	98
27) 2,4-Dimethylphenol	7.810	122	299480	58.858	ng	97
28) bis(2-Chloroethoxy)met...	7.910	93	434154	51.176	ng	100
29) 2,4-Dichlorophenol	8.016	162	307502	53.059	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	317020	49.435	ng	99
31) Naphthalene	8.187	128	1063751	50.444	ng	100
32) Benzoic acid	7.928	122	226251	50.982	ng	99
33) 4-Chloroaniline	8.228	127	257021	35.744	ng	99
34) Hexachlorobutadiene	8.298	225	210472	52.236	ng	99
35) Caprolactam	8.604	113	47590	25.825	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	341638	53.237	ng	99
37) 2-Methylnaphthalene	8.875	142	678725	52.553	ng	98
38) 1-Methylnaphthalene	8.975	142	635477	50.152	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	320179	50.548	ng	99
41) Hexachlorocyclopentadiene	9.028	237	427659	194.041	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	244563	54.535	ng	100

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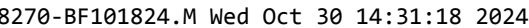
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	237854	51.408	ng	99
46) 1,1'-Biphenyl	9.345	154	823749	50.399	ng	99
47) 2-Chloronaphthalene	9.369	162	655209	49.773	ng	99
48) 2-Nitroaniline	9.463	65	244166	60.645	ng	99
49) Acenaphthylene	9.787	152	1036967	54.488	ng	99
50) Dimethylphthalate	9.651	163	794006	54.294	ng	100
51) 2,6-Dinitrotoluene	9.710	165	176385	55.705	ng	98
52) Acenaphthene	9.963	154	746544	60.639	ng	100
53) 3-Nitroaniline	9.881	138	140362	42.985	ng	95
54) 2,4-Dinitrophenol	9.986	184	212399	154.802	ng	# 1
55) Dibenzofuran	10.134	168	922175	52.207	ng	98
56) 4-Nitrophenol	10.039	139	292960	116.614	ng	91
57) 2,4-Dinitrotoluene	10.116	165	241461	62.011	ng	95
58) Fluorene	10.481	166	710796	52.833	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	203369	56.070	ng	99
60) Diethylphthalate	10.351	149	782318	54.483	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	353552	52.038	ng	99
62) 4-Nitroaniline	10.504	138	187243	60.714	ng	94
63) Azobenzene	10.634	77	802415	52.712	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	139053	76.824	ng	96
66) n-Nitrosodiphenylamine	10.592	169	657328	49.493	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	231219	50.579	ng	98
68) Hexachlorobenzene	11.028	284	257457	50.076	ng	99
69) Atrazine	11.122	200	223781	62.201	ng	99
70) Pentachlorophenol	11.222	266	323136	103.559	ng	99
71) Phenanthrene	11.445	178	1062070	50.670	ng	100
72) Anthracene	11.498	178	1090470	53.321	ng	100
73) Carbazole	11.651	167	962896	50.626	ng	99
74) Di-n-butylphthalate	11.980	149	1223149	55.662	ng	99
75) Fluoranthene	12.633	202	1117308	52.729	ng	99
77) Benzidine	12.757	184	223450	50.559	ng	97
78) Pyrene	12.869	202	1145259	48.679	ng	100
80) Butylbenzylphthalate	13.486	149	459601	65.160	ng	99
81) Benzo(a)anthracene	14.057	228	923039	52.756	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	221747	43.468	ng	99
83) Chrysene	14.098	228	849568	52.958	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	599211	75.719	ng	99
85) Di-n-octyl phthalate	14.680	149	946177	65.735	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	865265	54.532	ng	98
88) Benzo(b)fluoranthene	15.133	252	824119	54.853	ng	99
89) Benzo(k)fluoranthene	15.169	252	723371	55.828	ng	99
90) Benzo(a)pyrene	15.510	252	723819	58.550	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	701220	52.976	ng	99
92) Benzo(g,h,i)perylene	17.568	276	646218	48.876	ng	98

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

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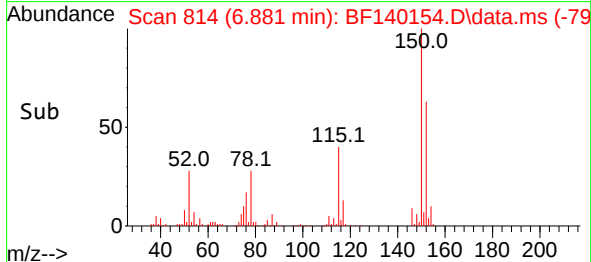
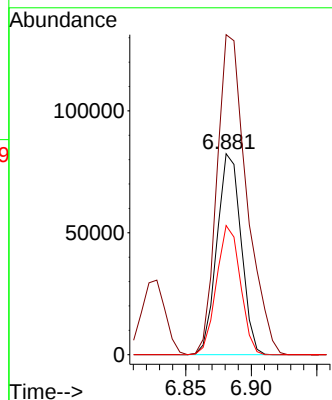
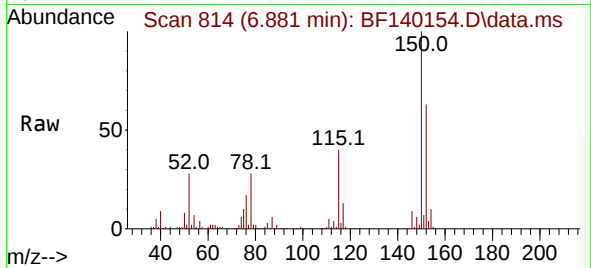




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

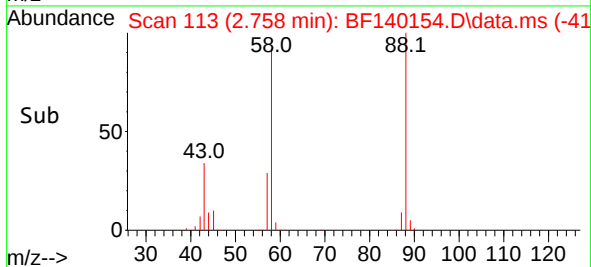
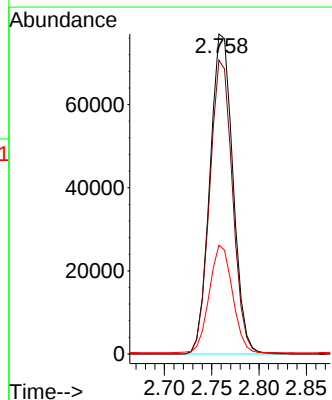
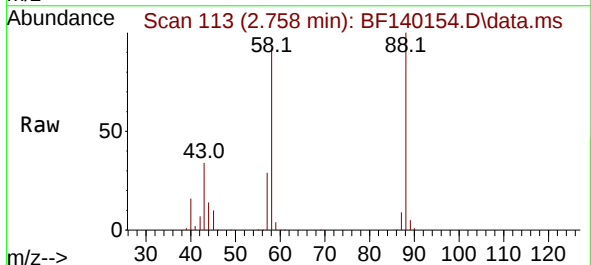
Instrument :
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PB164531BS

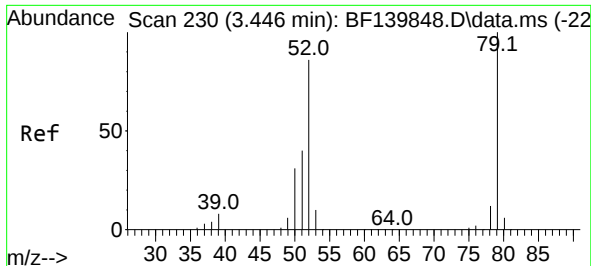
Tgt Ion:152 Resp: 105620
Ion Ratio Lower Upper
152 100
150 159.2 130.2 195.2
115 64.2 51.4 77.2



#2
1,4-Dioxane
Concen: 41.407 ng
RT: 2.758 min Scan# 113
Delta R.T. 0.071 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 88 Resp: 130252
Ion Ratio Lower Upper
88 100
58 91.2 73.3 109.9
43 34.0 27.1 40.7





#3

Pyridine

Concen: 41.697 ng

RT: 3.505 min Scan# 24

Delta R.T. 0.059 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

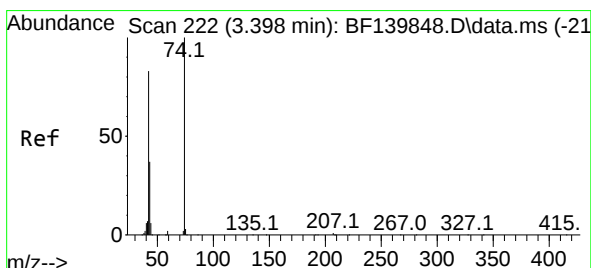
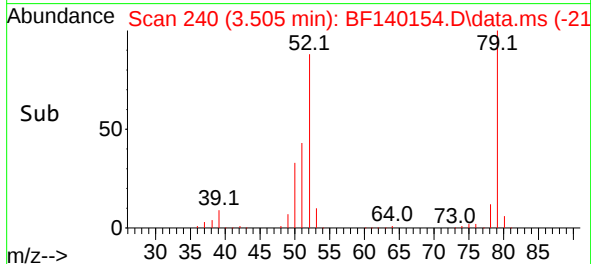
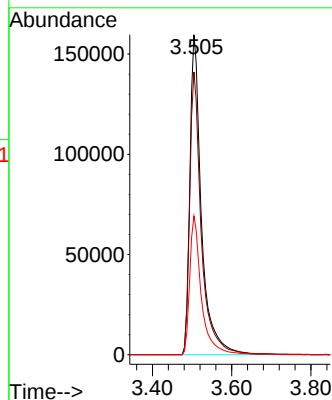
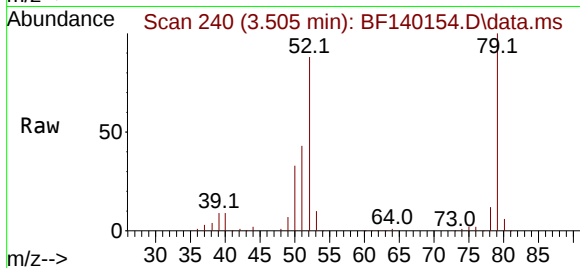
Tgt Ion: 79 Resp: 325121

Ion Ratio Lower Upper

79 100

52 88.4 68.5 102.7

51 43.4 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 49.626 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.065 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

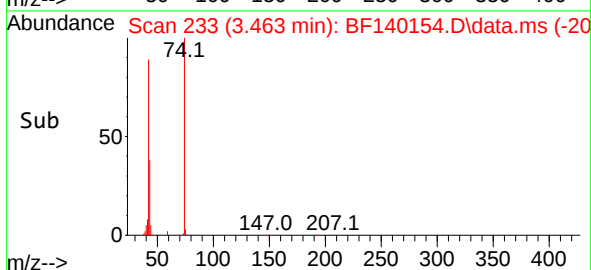
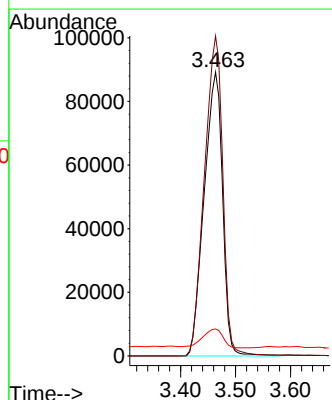
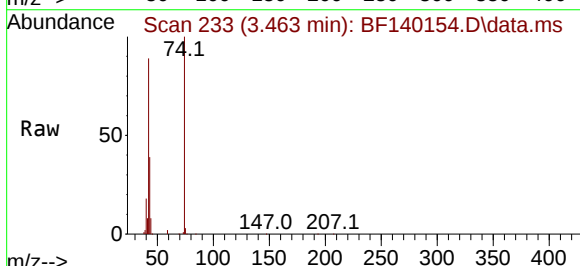
Tgt Ion: 42 Resp: 207894

Ion Ratio Lower Upper

42 100

74 112.7 96.2 144.4

44 9.5 6.2 9.2#

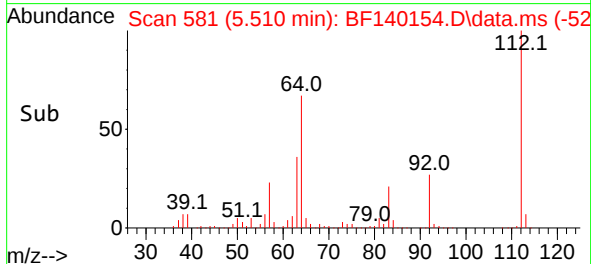
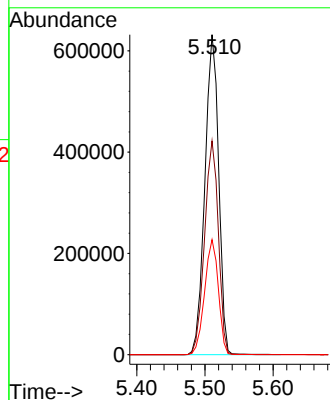
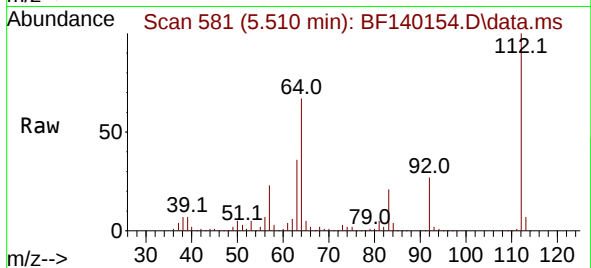




#5
2-Fluorophenol
Concen: 131.678 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

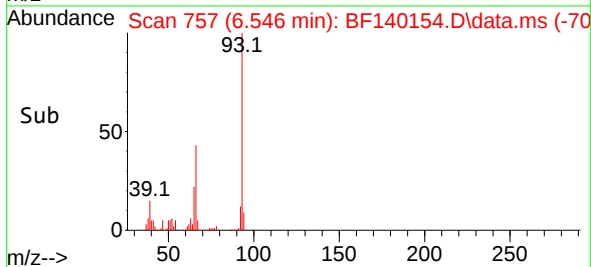
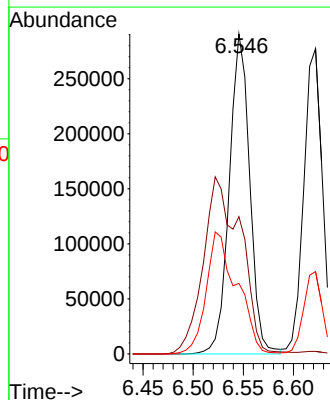
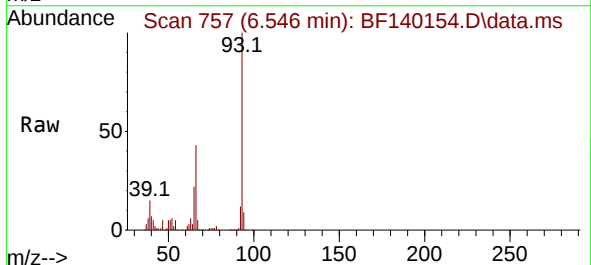
Instrument :
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Tgt Ion:112 Resp: 888404
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 35.9 27.0 40.4



#6
Aniline
Concen: 50.536 ng
RT: 6.546 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 93 Resp: 411553
Ion Ratio Lower Upper
93 100
66 42.9 34.0 51.0
65 22.1 17.4 26.0

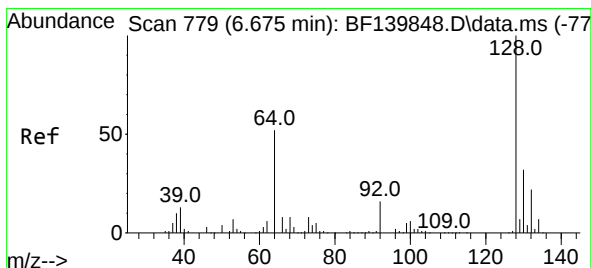
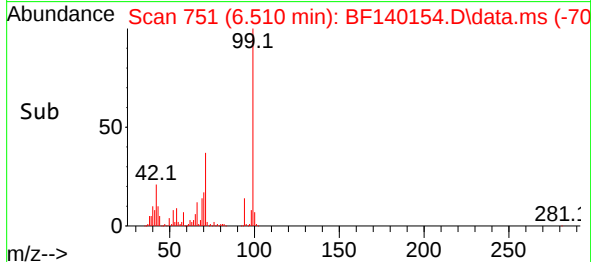
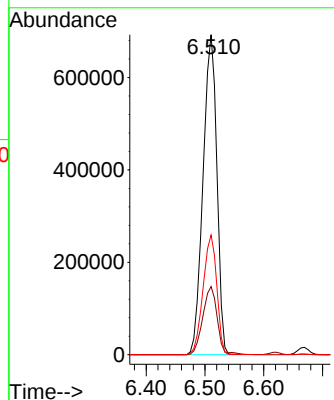
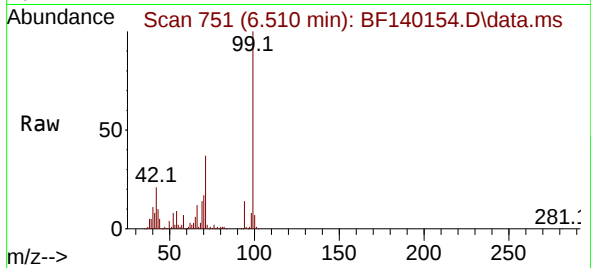




#7
Phenol-d6
Concen: 129.448 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

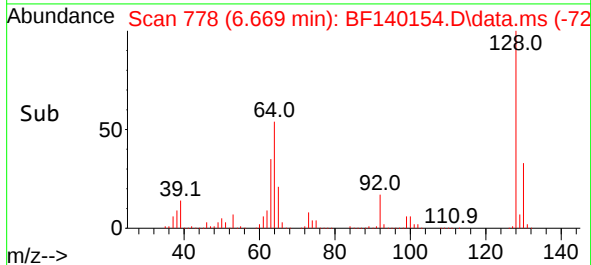
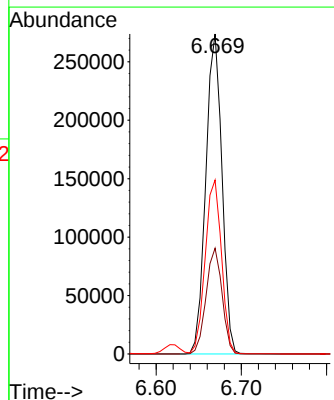
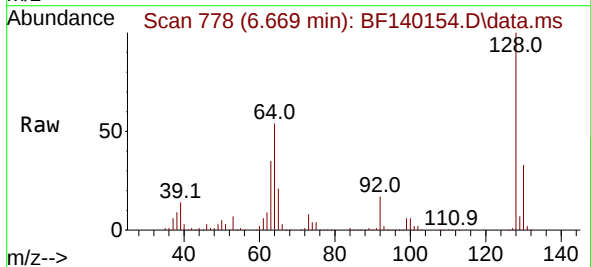
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1131139
Ion Ratio Lower Upper
99 100
42 21.3 16.7 25.1
71 37.4 27.7 41.5



#8
2-Chlorophenol
Concen: 52.273 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:128 Resp: 360539
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 54.3 34.6 74.6

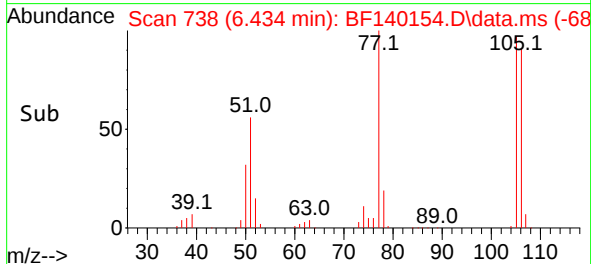
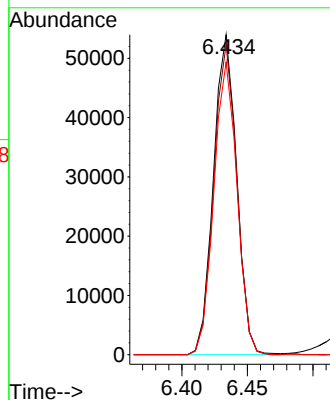
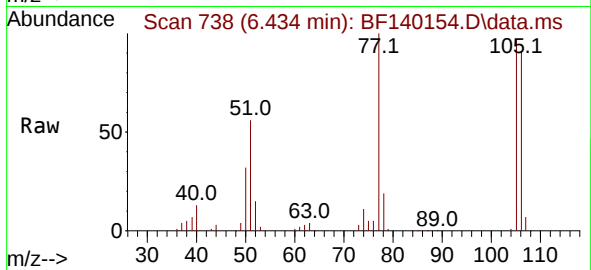




#9
Benzaldehyde
Concen: 13.521 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF140154.D
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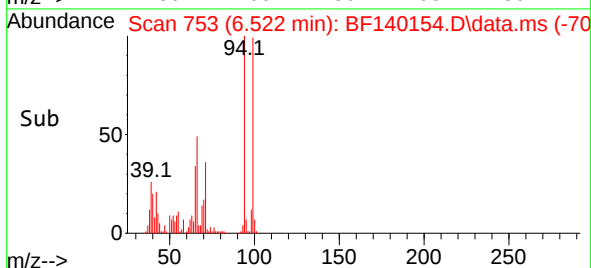
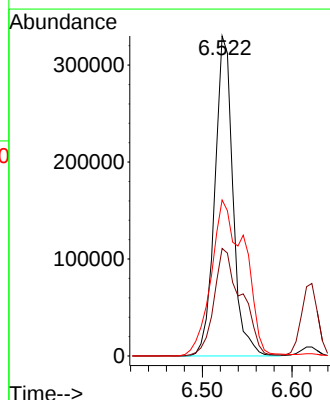
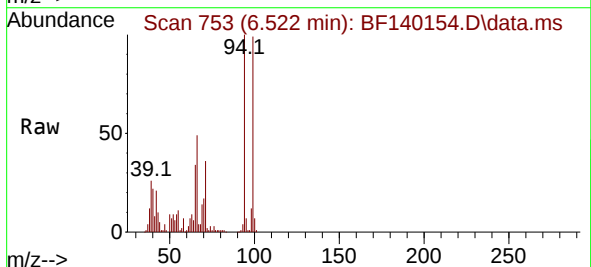
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 66464
Ion Ratio Lower Upper
77 100
105 96.9 75.5 115.5
106 91.4 71.7 111.7



#10
Phenol
Concen: 51.451 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 94 Resp: 463504
Ion Ratio Lower Upper
94 100
65 33.6 11.1 51.1
66 48.8 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 50.911 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

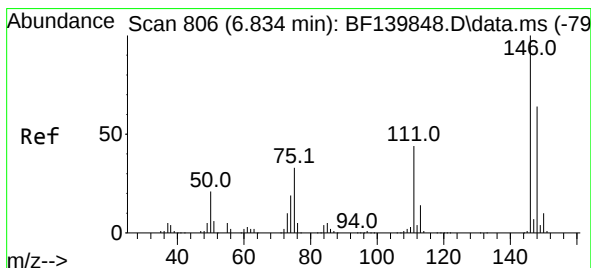
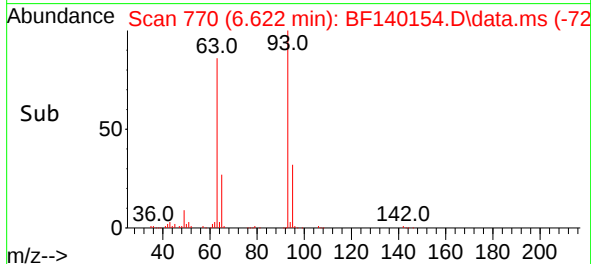
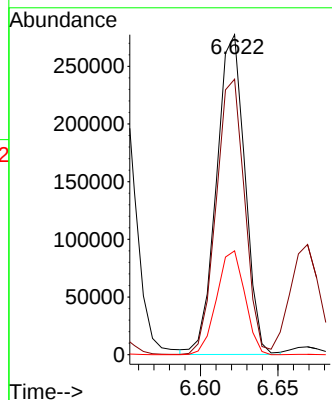
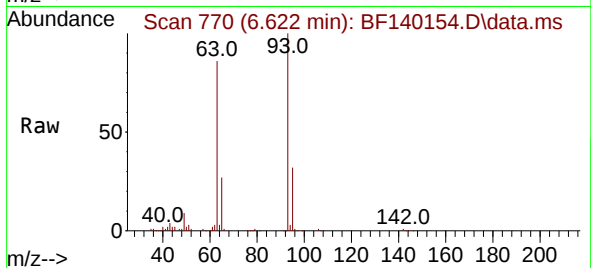
Tgt Ion: 93 Resp: 354492

Ion Ratio Lower Upper

93 100

63 86.1 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 49.011 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

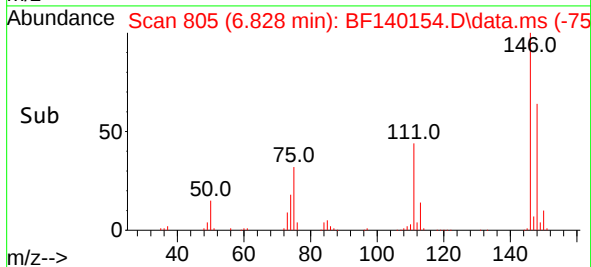
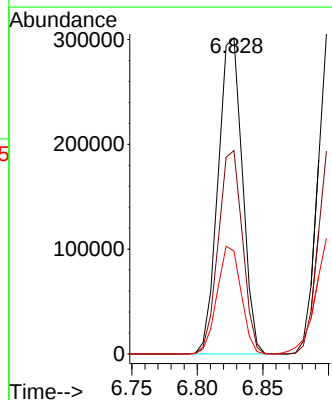
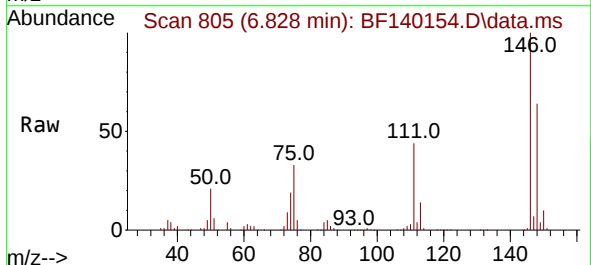
Tgt Ion: 146 Resp: 388045

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.4

75 32.6 26.4 39.6

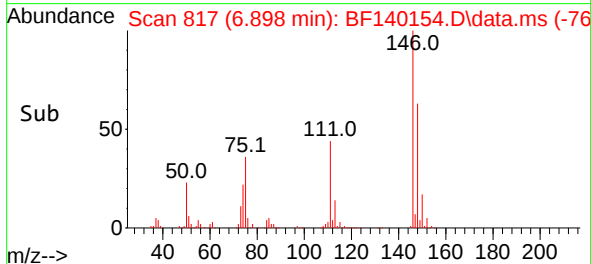
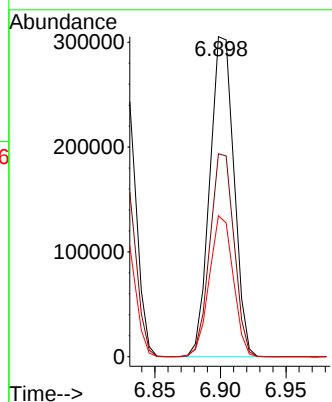
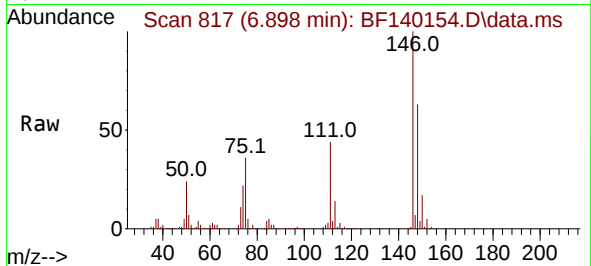




#13
1,4-Dichlorobenzene
Concen: 49.567 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

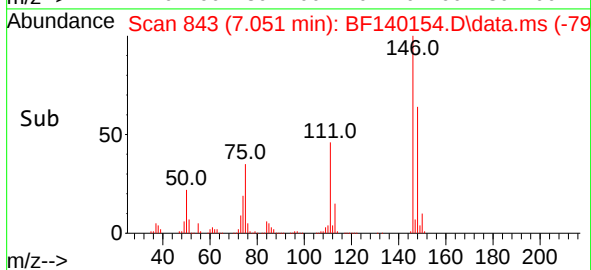
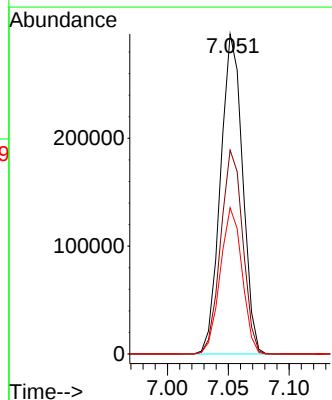
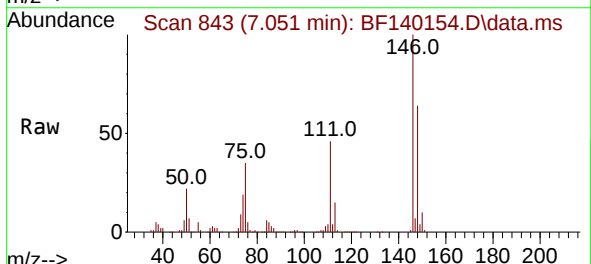
Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:146 Resp: 392076
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.8
111 44.0 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 50.673 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:146 Resp: 374091
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 45.7 36.7 55.1

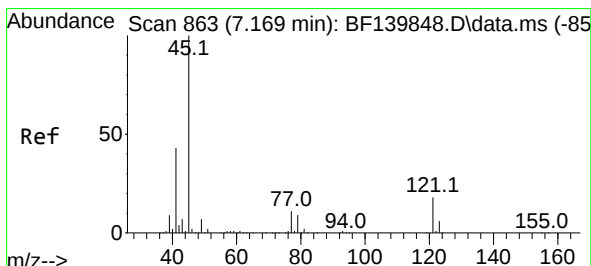
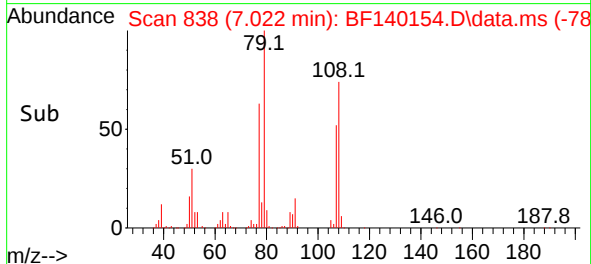
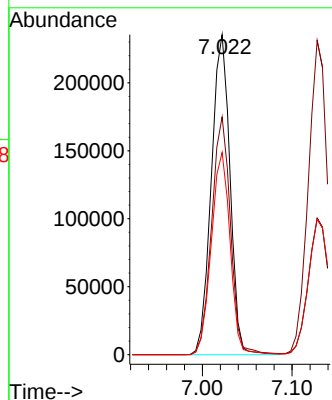
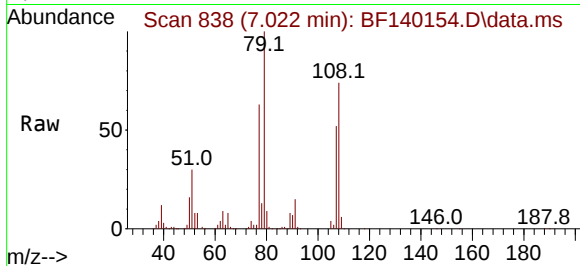




#15
Benzyl Alcohol
Concen: 53.149 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

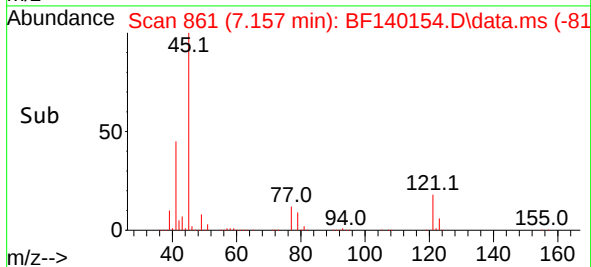
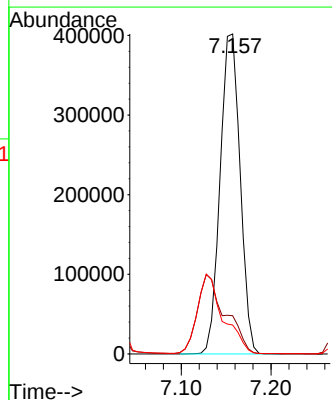
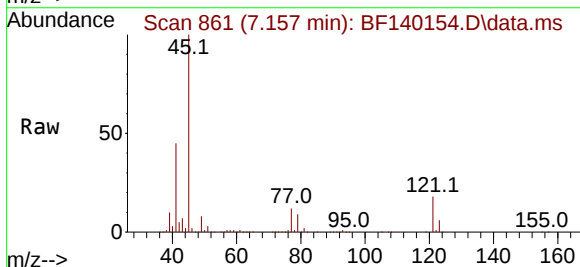
Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion: 79 Resp: 340672
Ion Ratio Lower Upper
79 100
108 74.3 61.4 92.0
77 63.2 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.358 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

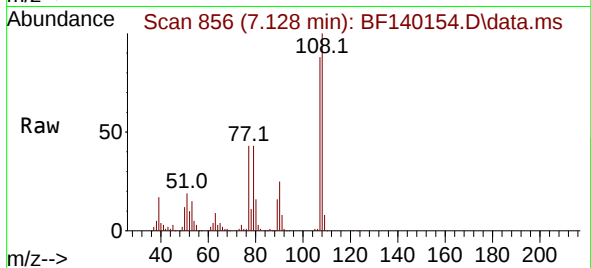
Tgt Ion: 45 Resp: 621636
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.5
79 9.1 0.0 29.1



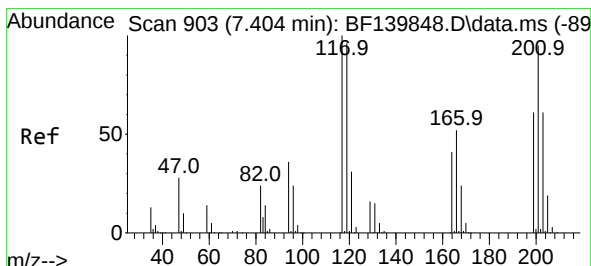
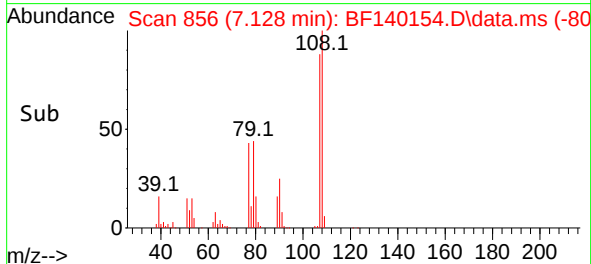
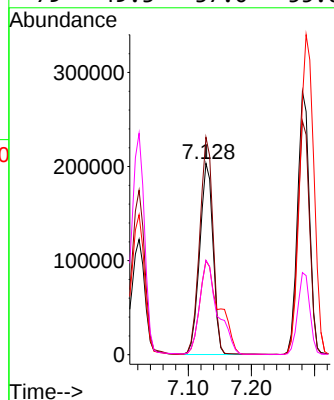


#17
2-Methylphenol
Concen: 50.969 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

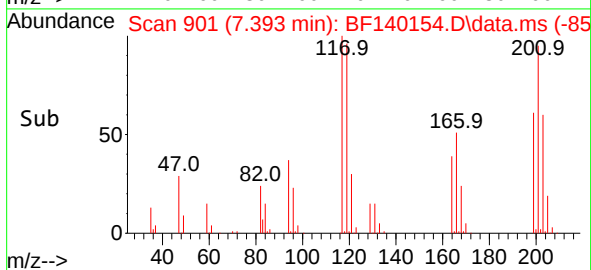
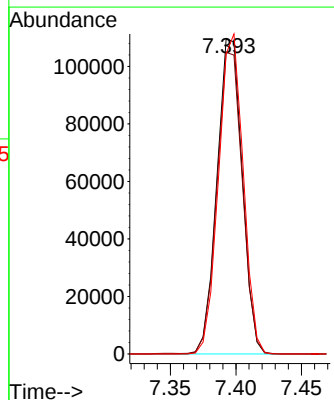
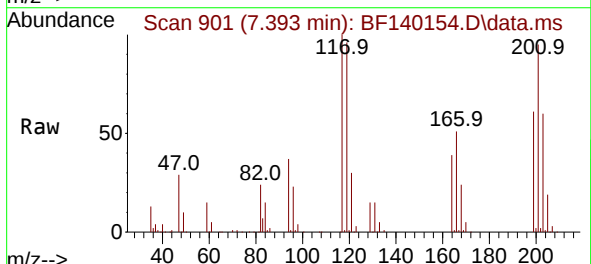


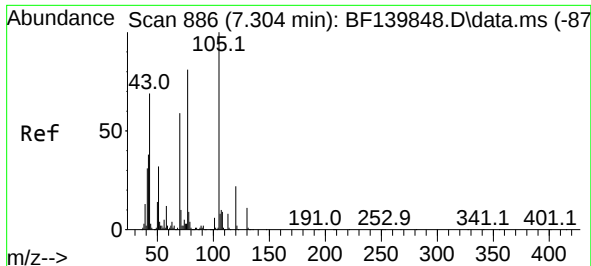
Tgt Ion:	107	Resp:	299763
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.3	136.9
77	49.1	37.1	55.7
79	49.3	37.0	55.6



#18
Hexachloroethane
Concen: 52.008 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:	117	Resp:	146702
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.4
201	95.3	76.2	114.4



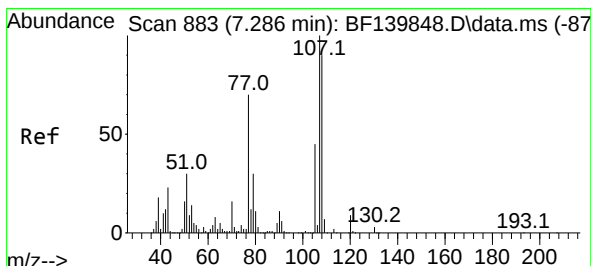
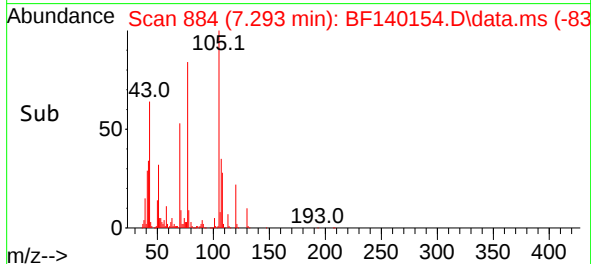
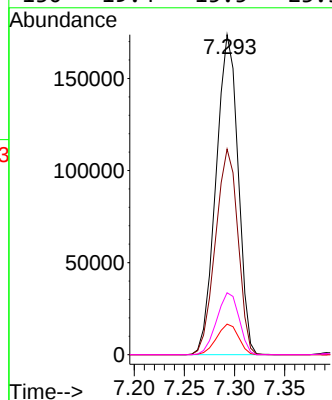
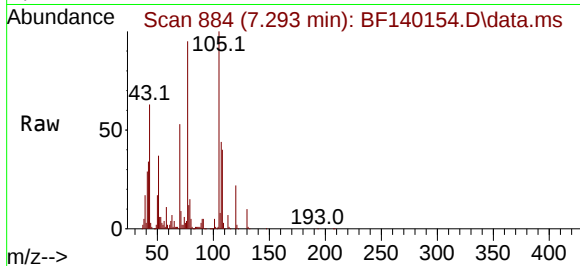


#19
n-Nitroso-di-n-propylamine
Concen: 50.288 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion: 70 Resp: 266508

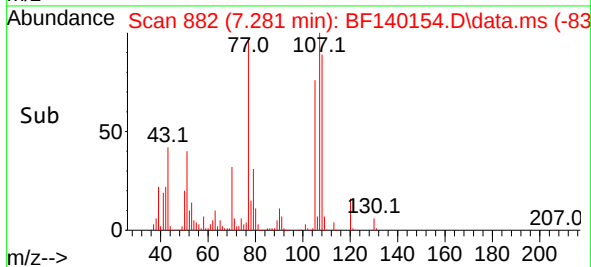
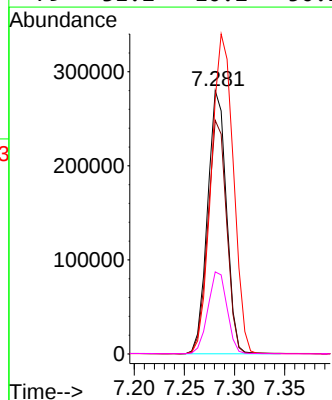
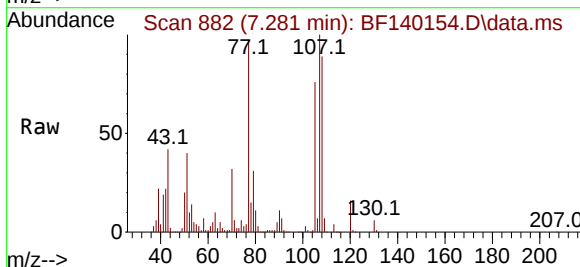
Ion	Ratio	Lower	Upper
70	100		
42	64.3	51.5	77.3
101	9.6	7.5	11.3
130	19.4	15.5	23.3



#20
3+4-Methylphenols
Concen: 48.686 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 107 Resp: 366247

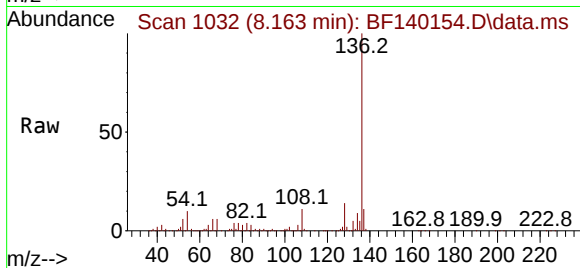
Ion	Ratio	Lower	Upper
107	100		
108	88.7	69.8	109.8
77	96.8	50.5	90.5
79	31.2	10.2	50.2



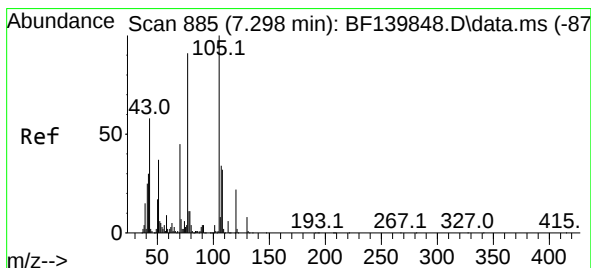
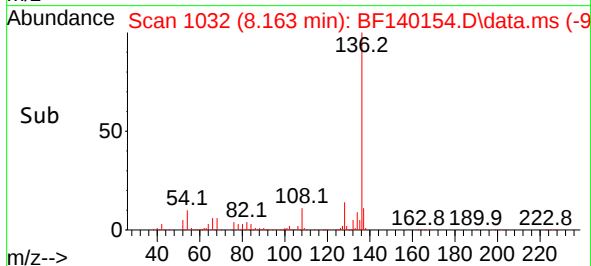
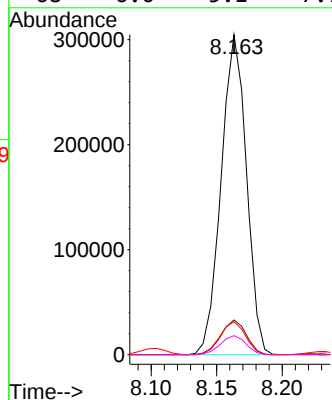


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

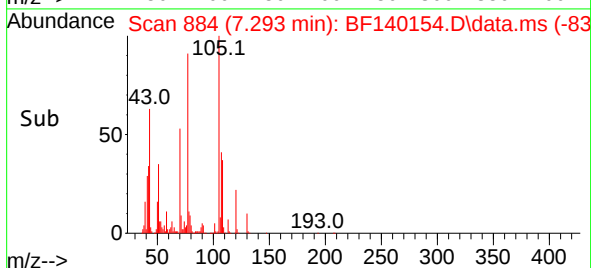
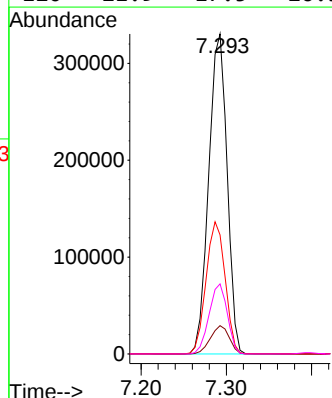
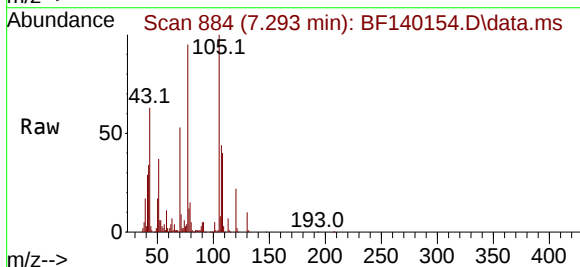


Tgt Ion:136	Resp: 408885
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 12.8
54 10.3	8.4 12.6
68 6.0	5.1 7.7



#22
Acetophenone
Concen: 49.385 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt	Ion:105	Resp:	494591
Ion	Ratio	Lower	Upper
105	100		
71	8.8	5.9	8.9
51	37.2	29.4	44.2
120	21.9	17.5	26.3





#23

Nitrobenzene-d5

Concen: 105.027 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

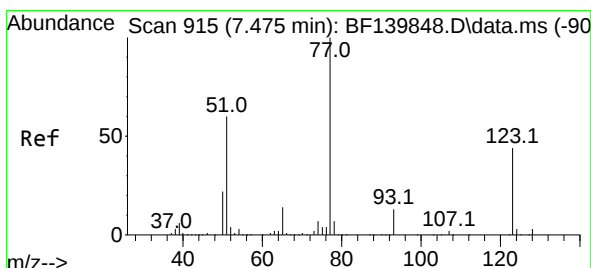
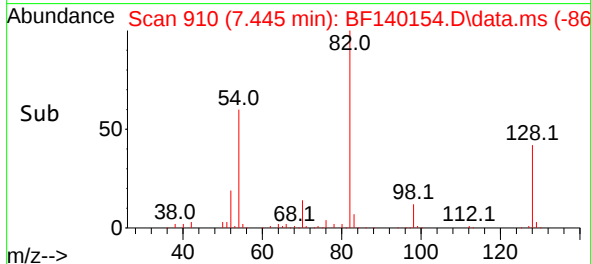
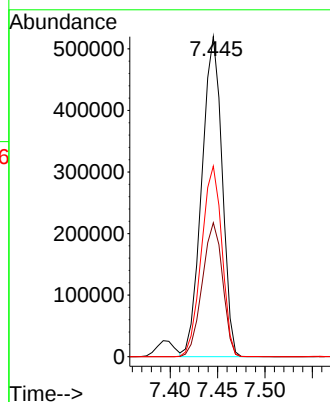
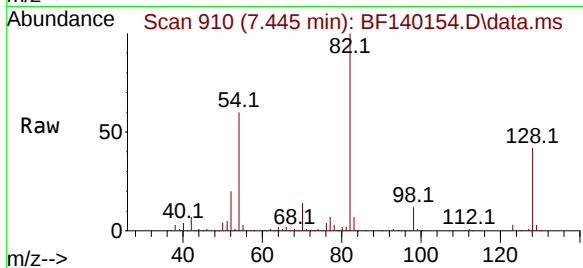
Tgt Ion: 82 Resp: 774829

Ion Ratio Lower Upper

82 100

128 41.9 33.4 50.0

54 59.6 47.8 71.8



#24

Nitrobenzene

Concen: 50.803 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

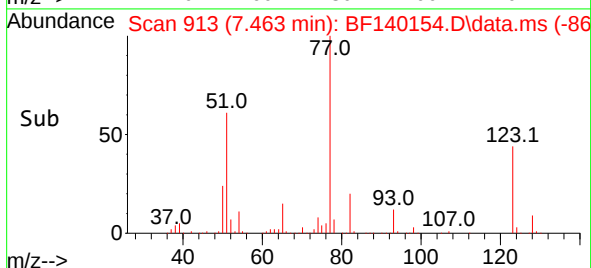
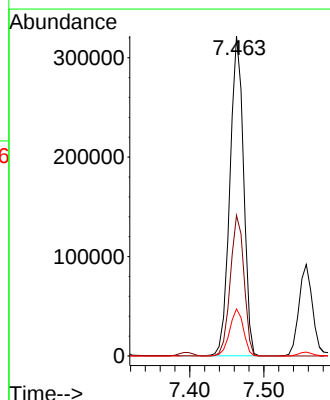
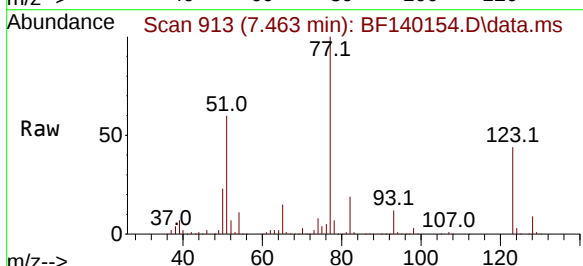
Tgt Ion: 77 Resp: 410928

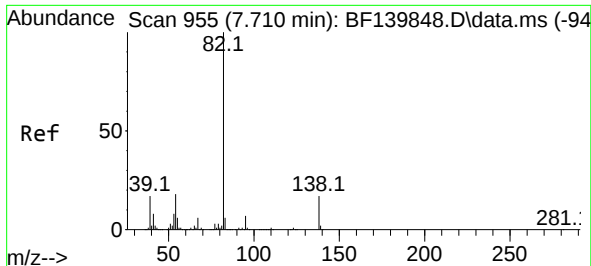
Ion Ratio Lower Upper

77 100

123 44.0 35.7 53.5

65 14.7 11.5 17.3

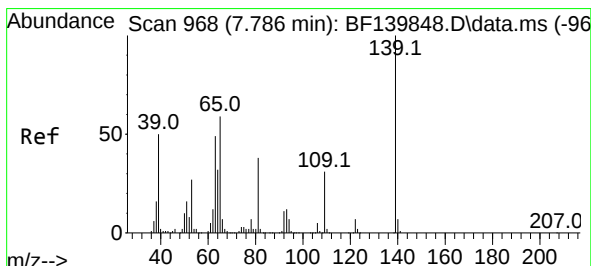
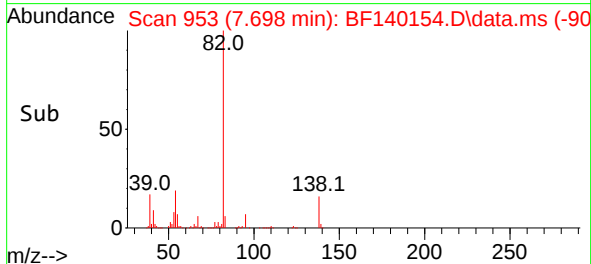
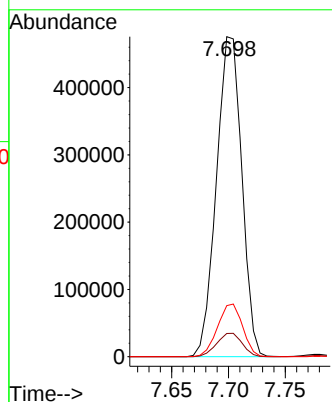
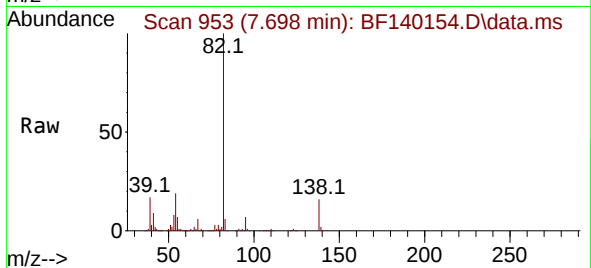




#25
Isophorone
Concen: 52.866 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

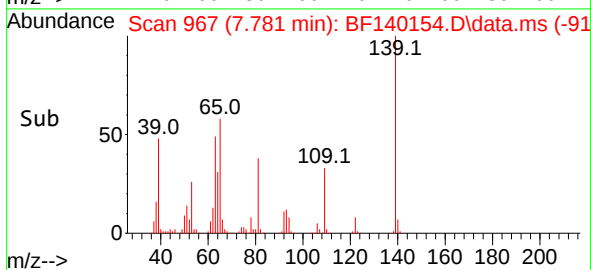
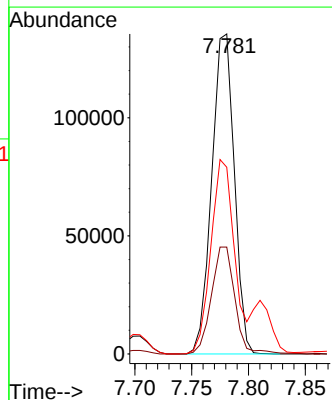
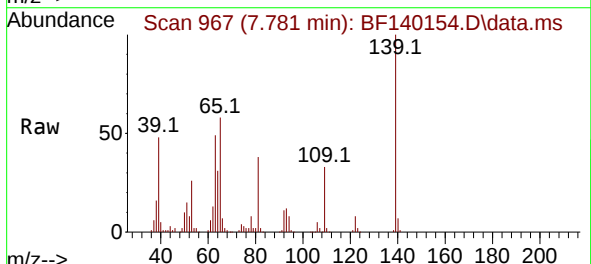
Instrument :
BNA_F
ClientSampleId :
PB164531BS

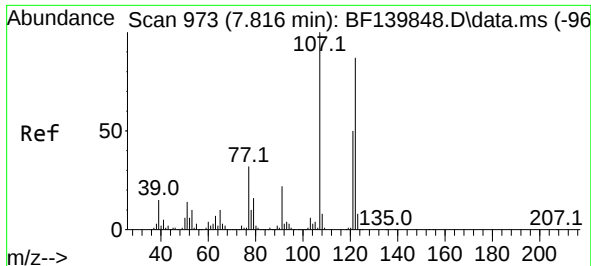
Tgt Ion: 82 Resp: 740247
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 15.9 13.2 19.8



#26
2-Nitrophenol
Concen: 61.378 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:139 Resp: 187293
Ion Ratio Lower Upper
139 100
109 33.4 25.1 37.7
65 58.4 47.5 71.3

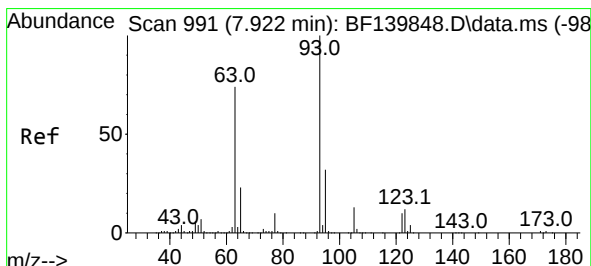
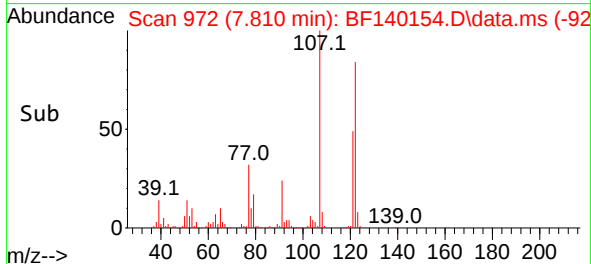
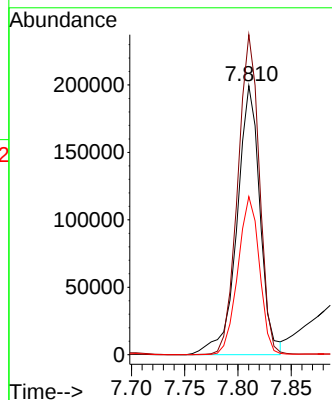
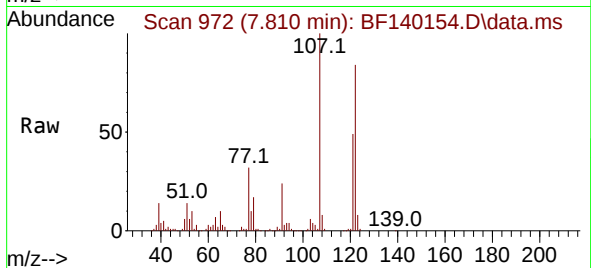




#27
2,4-Dimethylphenol
Concen: 58.858 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

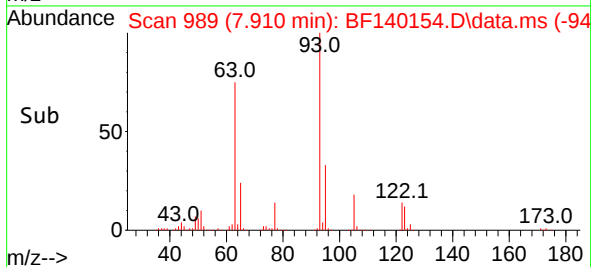
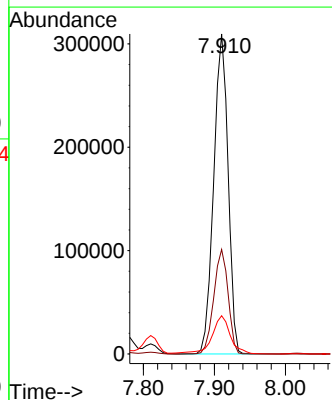
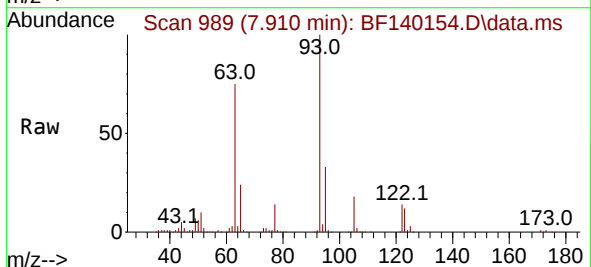
Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:122 Resp: 299480
Ion Ratio Lower Upper
122 100
107 119.0 91.9 137.9
121 58.8 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.176 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion: 93 Resp: 434154
Ion Ratio Lower Upper
93 100
95 32.7 26.0 39.0
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 53.059 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

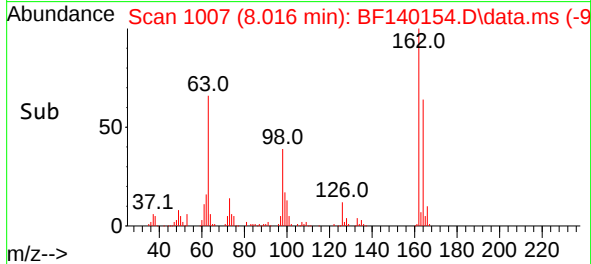
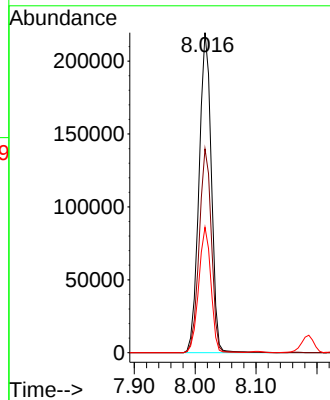
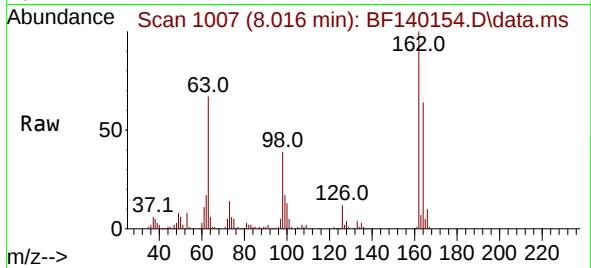
Tgt Ion:162 Resp: 307502

Ion Ratio Lower Upper

162 100

164 63.7 43.9 83.9

98 39.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 49.435 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

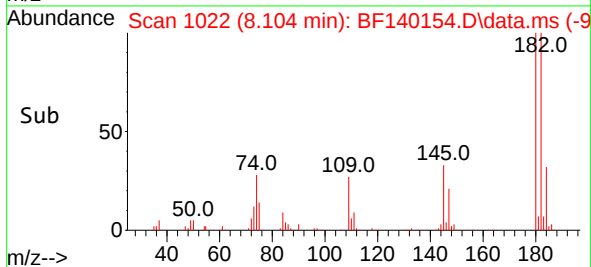
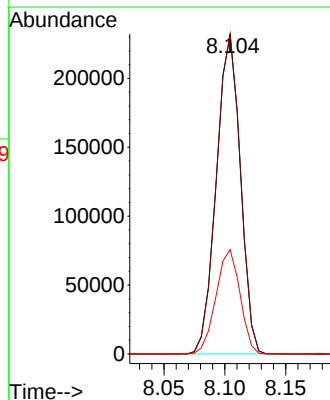
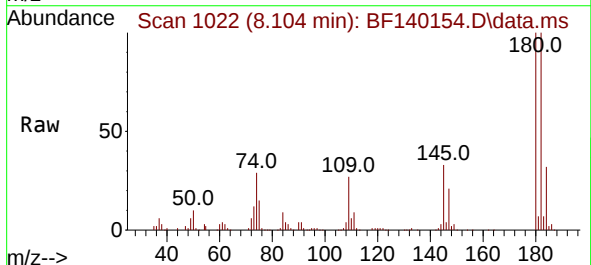
Tgt Ion:180 Resp: 317020

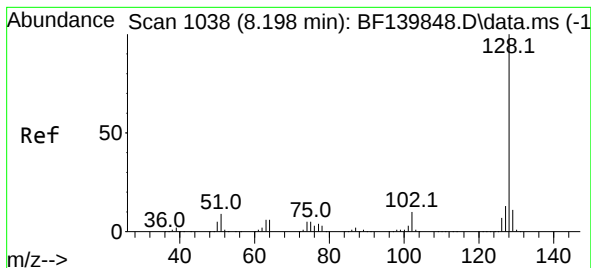
Ion Ratio Lower Upper

180 100

182 100.3 80.5 120.7

145 32.7 25.4 38.0





#31

Naphthalene

Concen: 50.444 ng

RT: 8.187 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

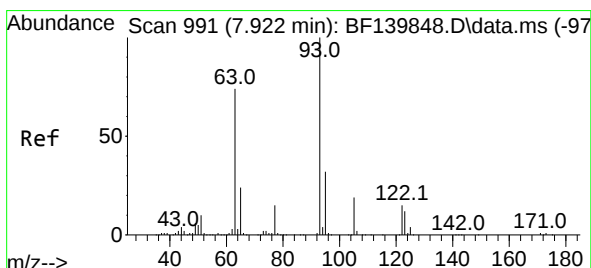
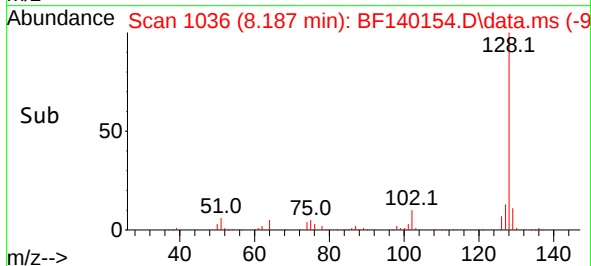
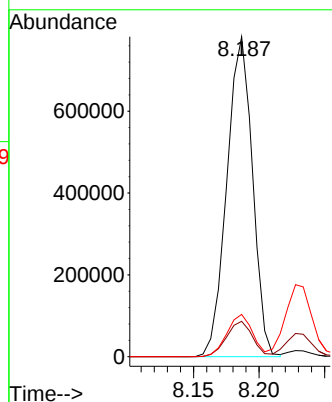
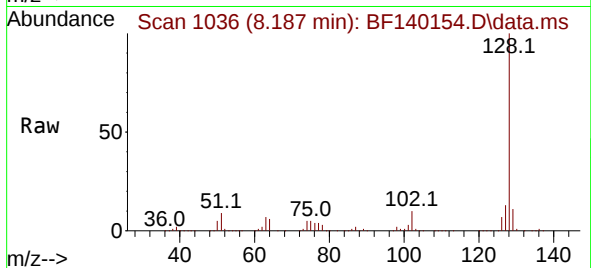
Tgt Ion:128 Resp: 1063751

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 50.982 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

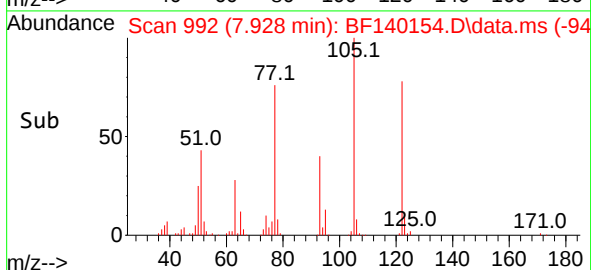
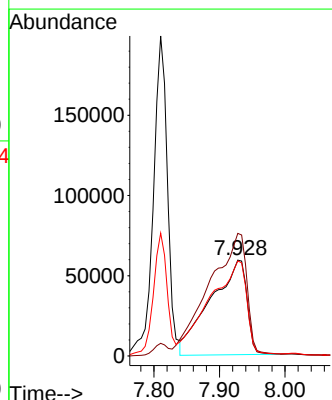
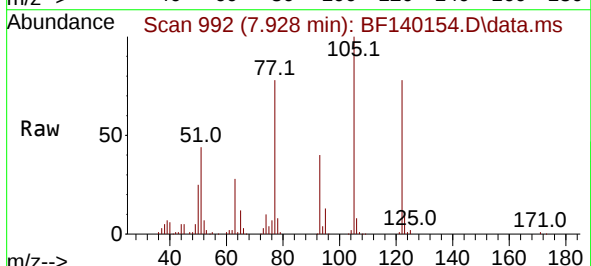
Tgt Ion:122 Resp: 226251

Ion Ratio Lower Upper

122 100

105 127.8 107.6 147.6

77 99.1 80.2 120.2

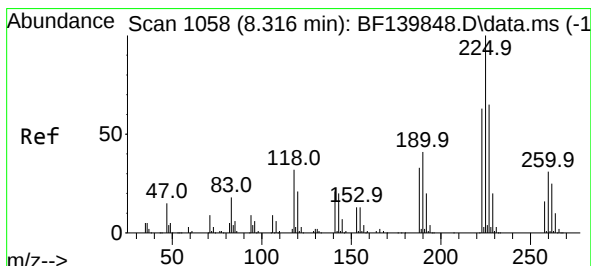
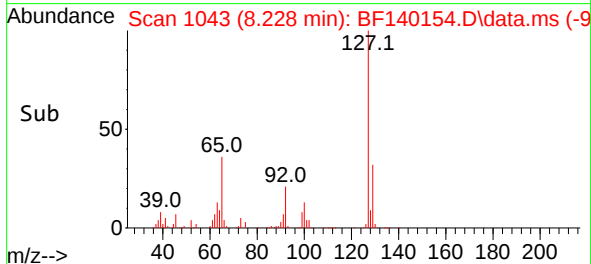
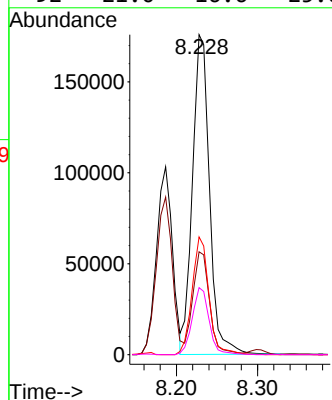
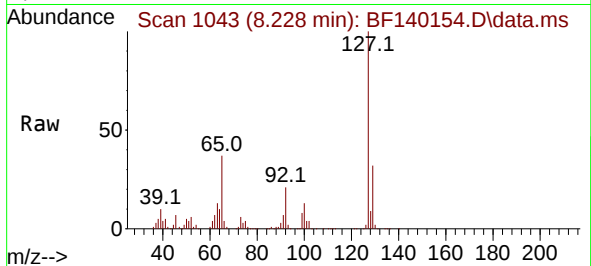




#33
4-Chloroaniline
Concen: 35.744 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

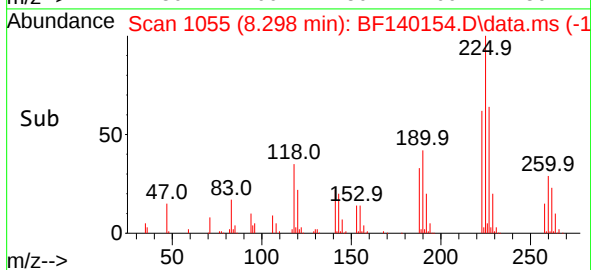
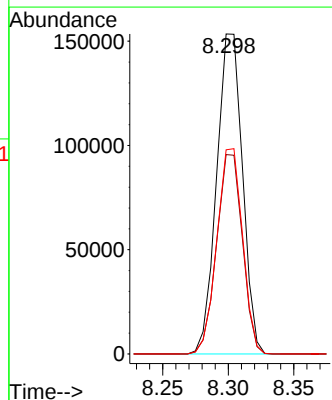
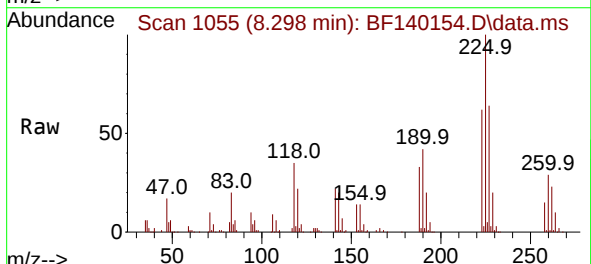
Instrument :
BNA_F
ClientSampleId :
PB164531BS

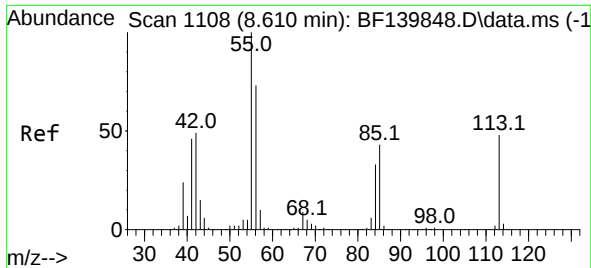
Tgt Ion:127	Resp: 257021
Ion Ratio	Lower Upper
127 100	
129 32.2	25.4 38.2
65 36.8	28.4 42.6
92 21.0	16.6 25.0



#34
Hexachlorobutadiene
Concen: 52.236 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.017 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:225	Resp: 210472
Ion Ratio	Lower Upper
225 100	
223 62.3	50.6 76.0
227 63.8	51.8 77.8

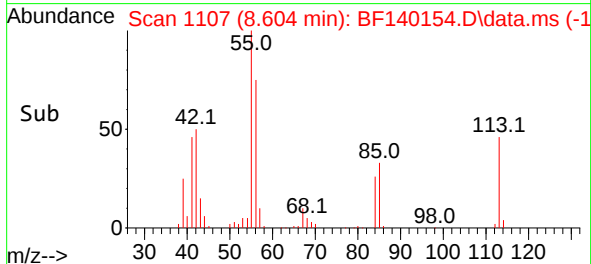
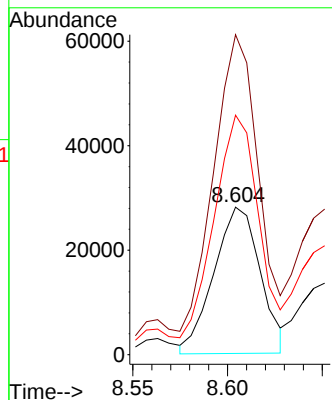
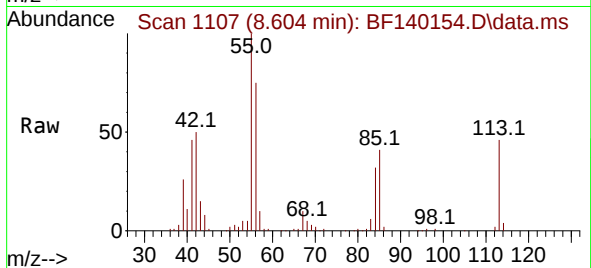




#35
Caprolactam
Concen: 25.825 ng
RT: 8.604 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

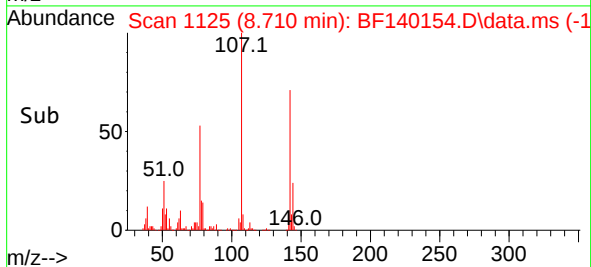
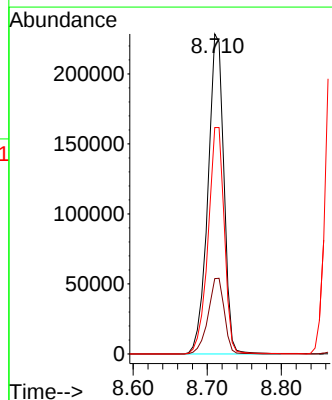
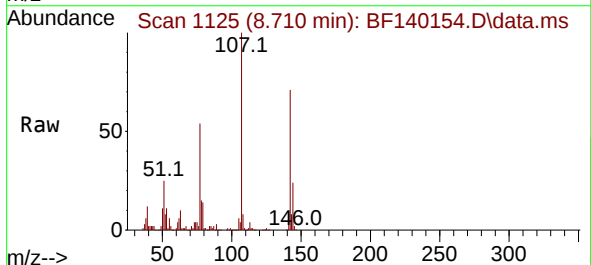
Instrument :
BNA_F
ClientSampleId :
PB164531BS

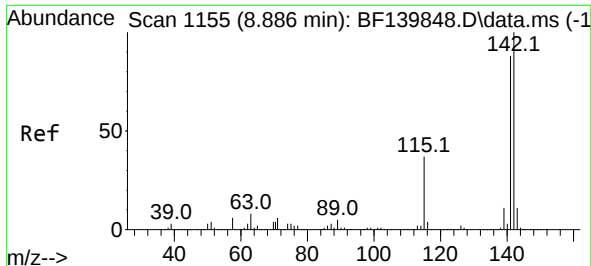
Tgt Ion:113 Resp: 47590
Ion Ratio Lower Upper
113 100
55 216.8 189.2 229.2
56 162.3 132.5 172.5



#36
4-Chloro-3-methylphenol
Concen: 53.237 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:107 Resp: 341638
Ion Ratio Lower Upper
107 100
144 23.6 19.1 28.7
142 70.7 57.2 85.8





#37

2-Methylnaphthalene

Concen: 52.553 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

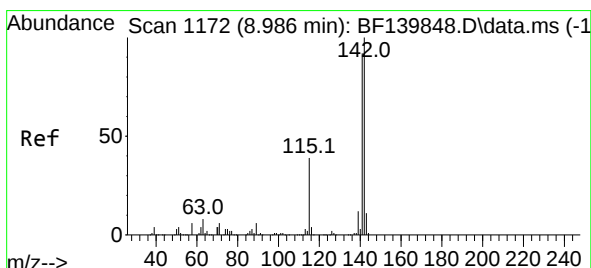
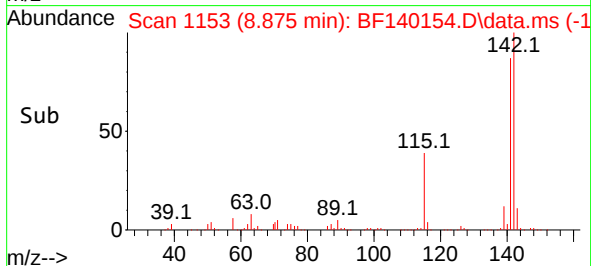
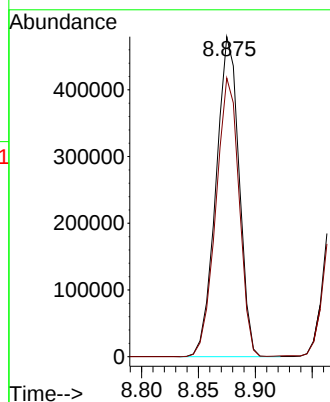
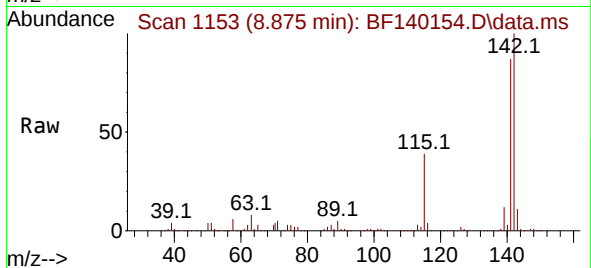
PB164531BS

Tgt Ion:142 Resp: 678725

Ion Ratio Lower Upper

142 100

141 87.1 70.8 106.2



#38

1-Methylnaphthalene

Concen: 50.152 ng

RT: 8.975 min Scan# 1170

Delta R.T. -0.012 min

Lab File: BF140154.D

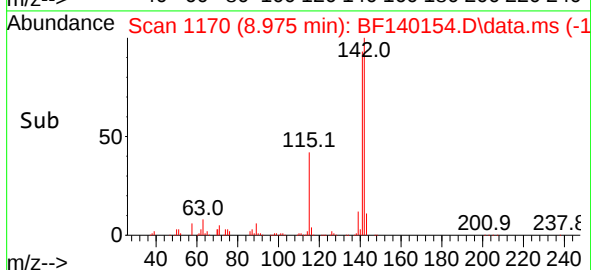
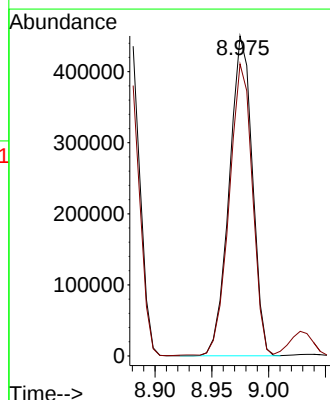
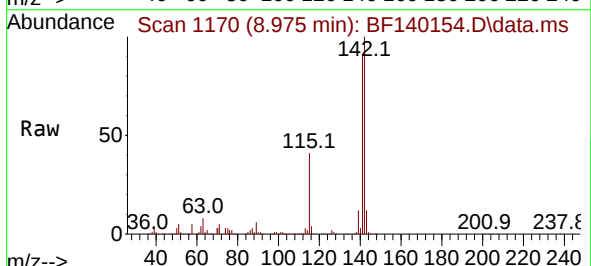
Acq: 30 Oct 2024 13:43

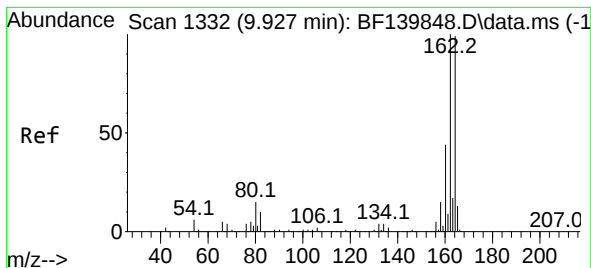
Tgt Ion:142 Resp: 635477

Ion Ratio Lower Upper

142 100

141 91.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. 0.001 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

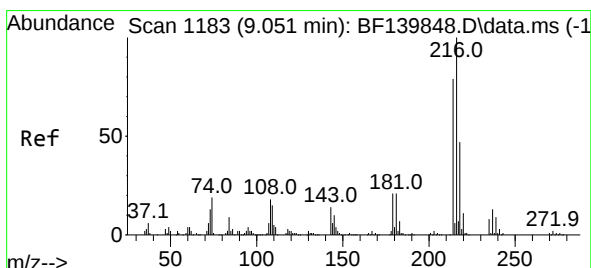
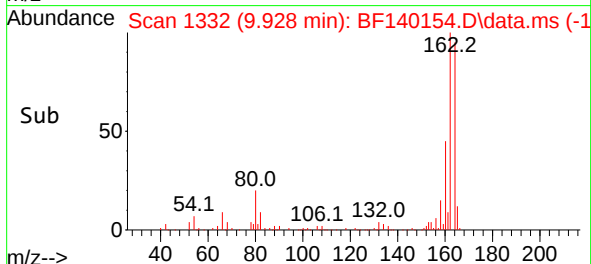
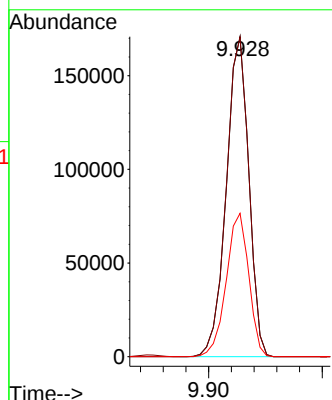
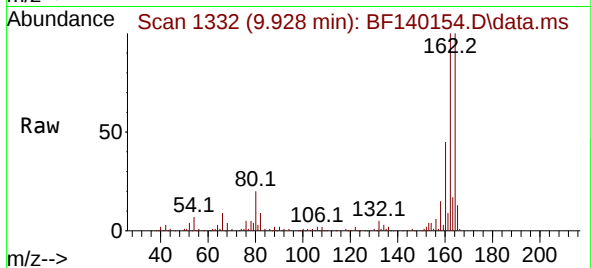
Tgt Ion:164 Resp: 234784

Ion Ratio Lower Upper

164 100

162 99.9 81.0 121.4

160 44.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.548 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Tgt Ion:216 Resp: 320179

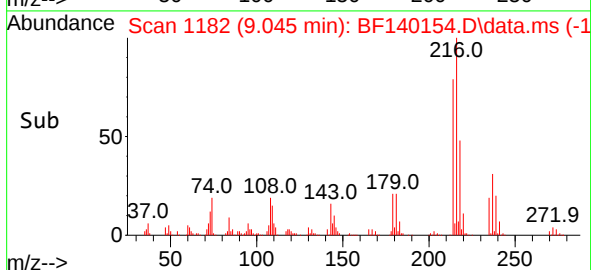
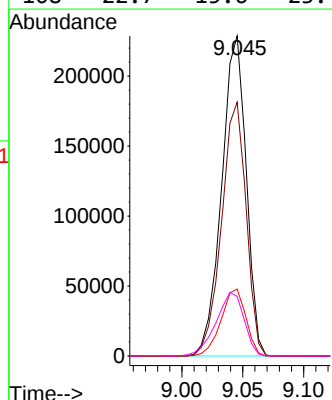
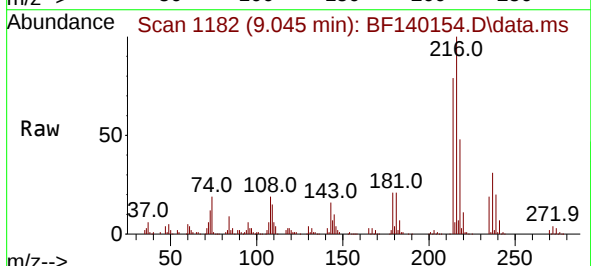
Ion Ratio Lower Upper

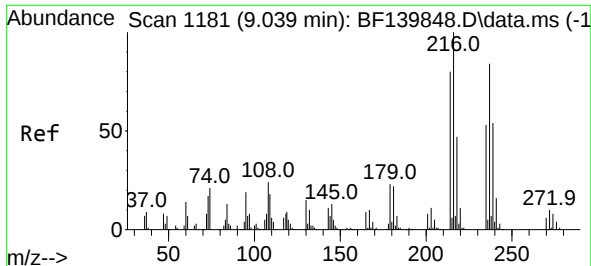
216 100

214 79.1 63.4 95.0

179 21.2 17.2 25.8

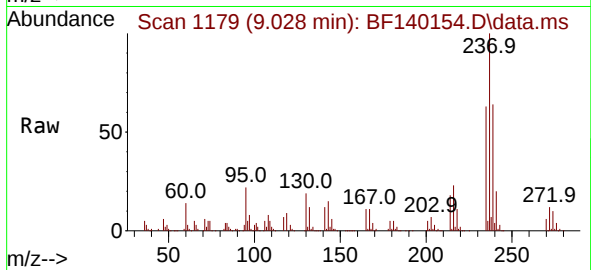
108 22.7 15.6 23.4



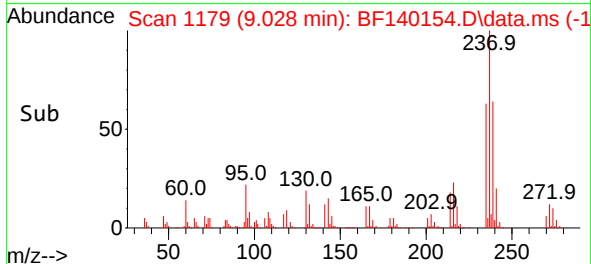
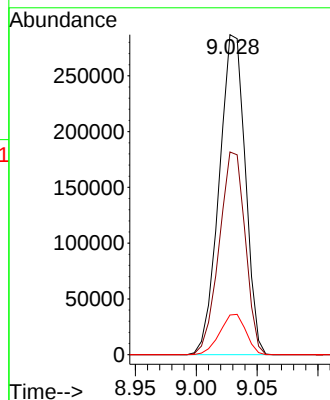


#41
Hexachlorocyclopentadiene
Concen: 194.041 ng
RT: 9.028 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

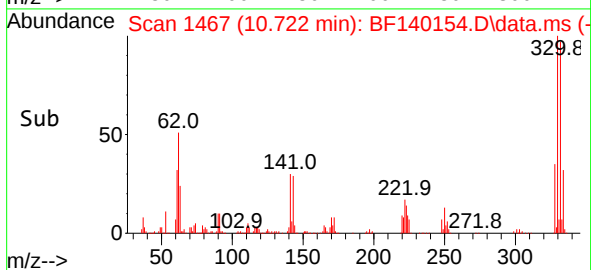
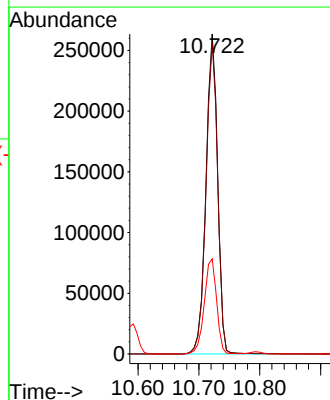
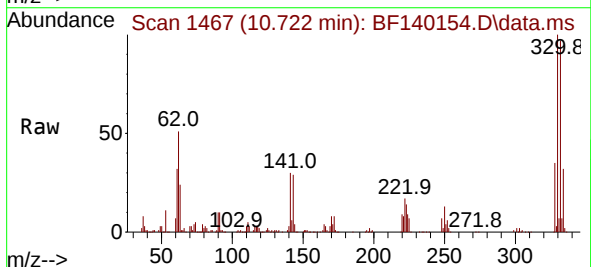


Tgt Ion:237 Resp: 427659
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 12.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 160.278 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:330 Resp: 351986
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 31.4 26.6 39.8

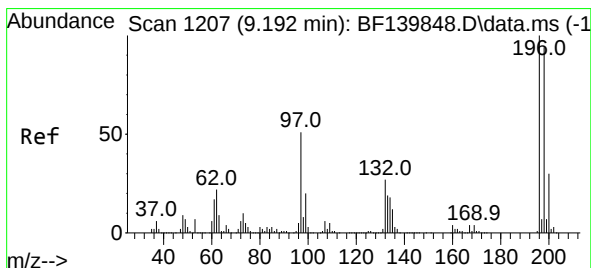
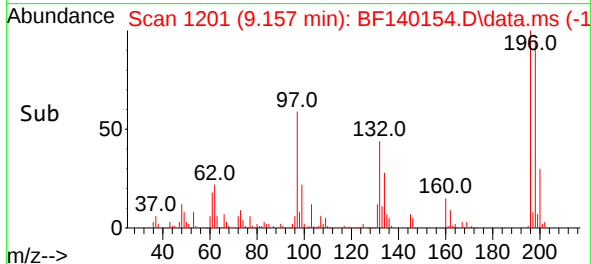
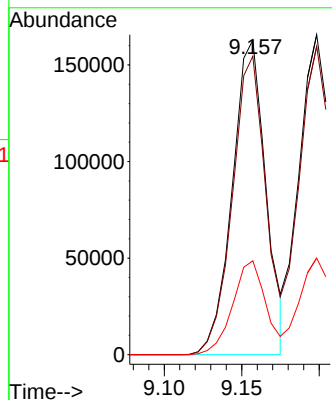
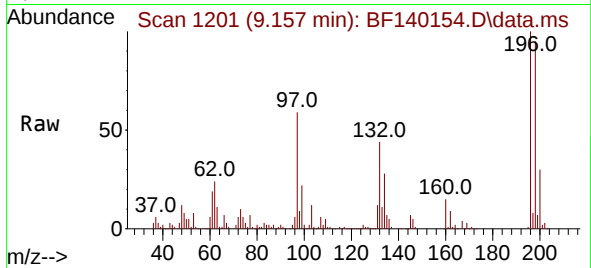




#43
2,4,6-Trichlorophenol
Concen: 54.535 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

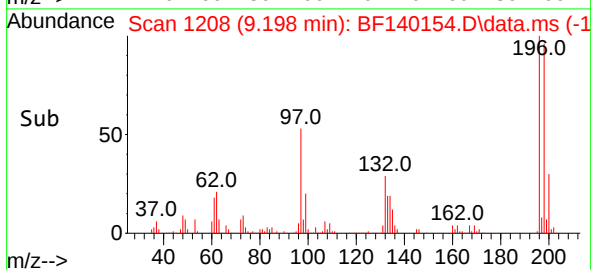
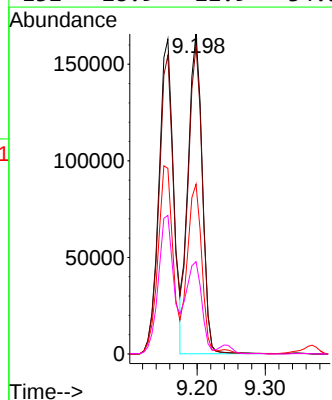
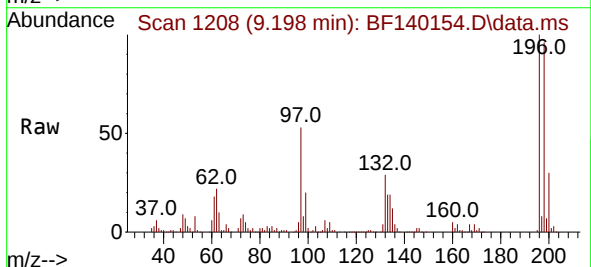
Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:196 Resp: 244563
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.2
200 29.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 51.408 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:196 Resp: 237854
Ion Ratio Lower Upper
196 100
198 96.4 75.8 113.6
97 53.0 41.8 62.6
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 99.881 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

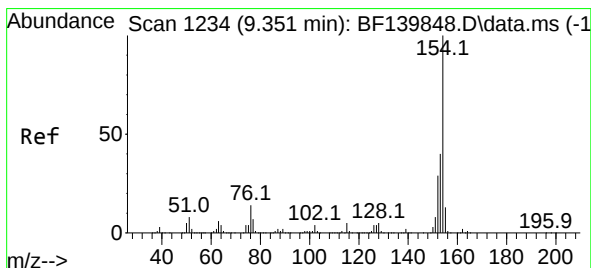
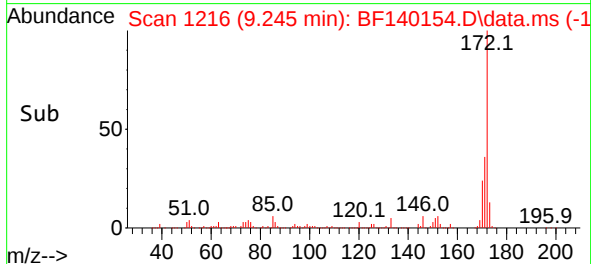
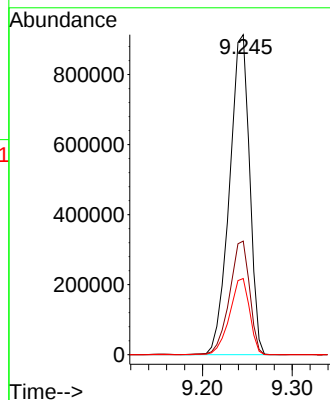
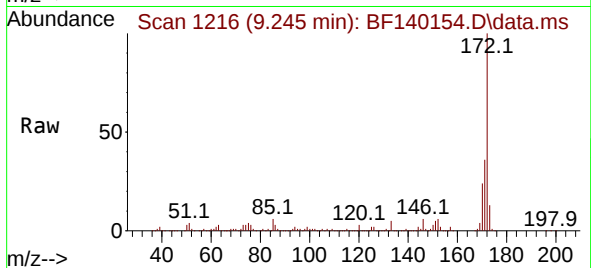
Tgt Ion:172 Resp: 1418927

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.399 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

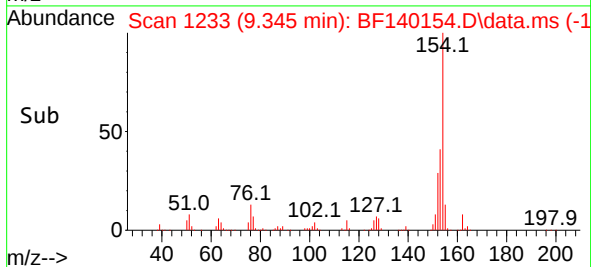
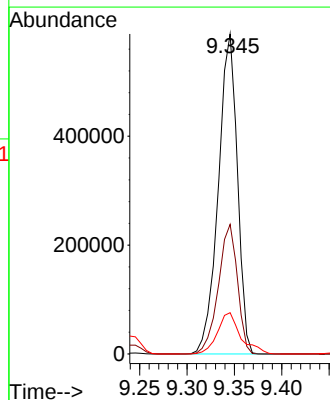
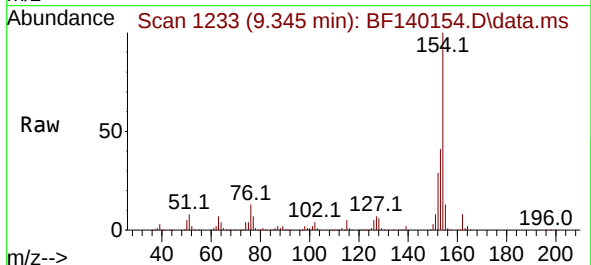
Tgt Ion:154 Resp: 823749

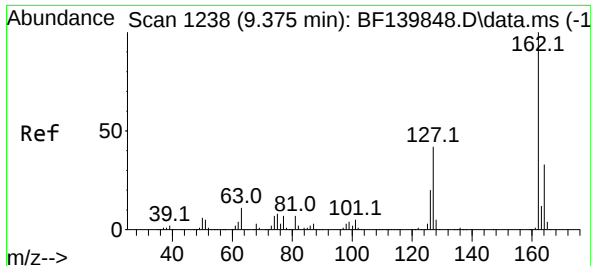
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 49.773 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

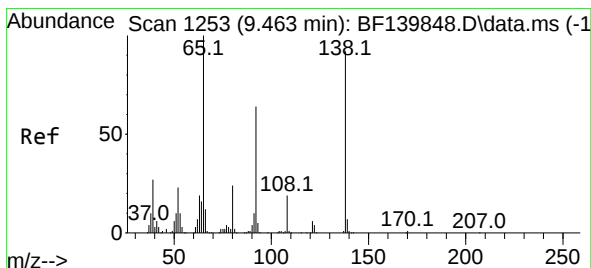
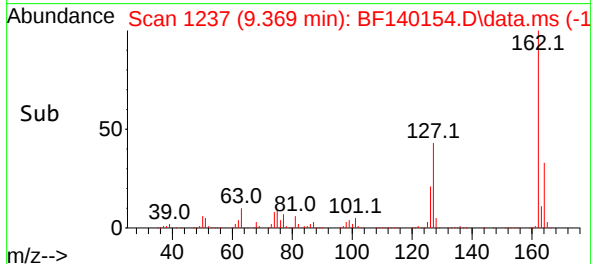
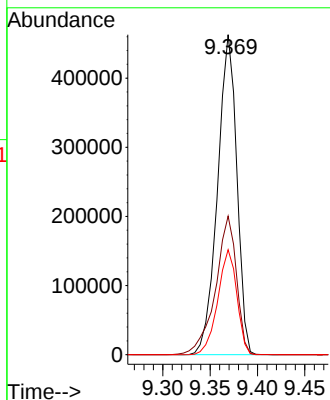
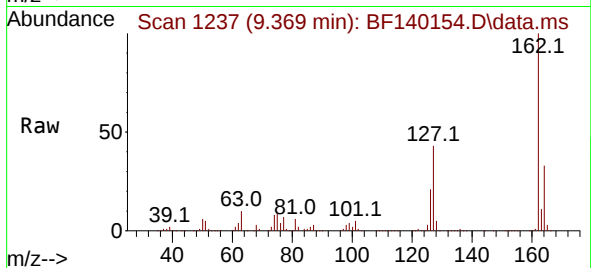
Tgt Ion:162 Resp: 655209

Ion Ratio Lower Upper

162 100

127 43.3 33.8 50.6

164 32.8 26.6 39.8



#48

2-Nitroaniline

Concen: 60.645 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

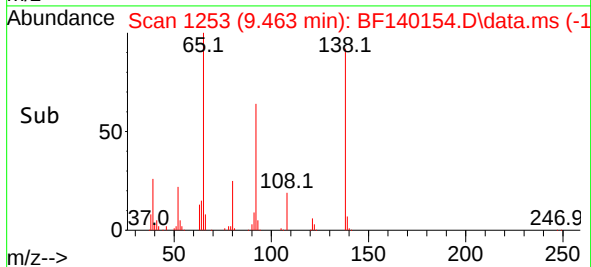
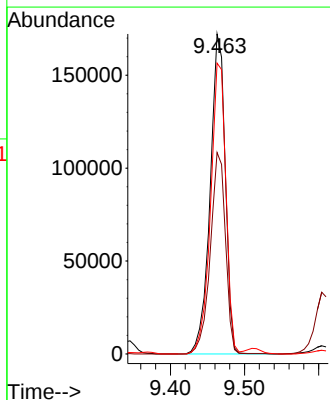
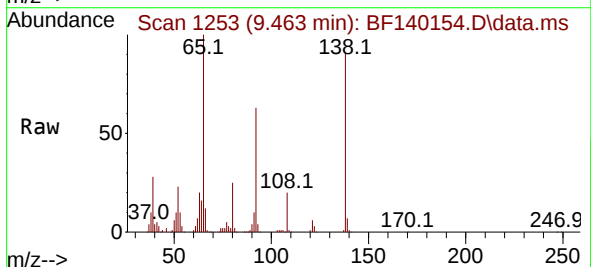
Tgt Ion: 65 Resp: 244166

Ion Ratio Lower Upper

65 100

92 63.0 50.9 76.3

138 90.9 73.4 110.0





#49

Acenaphthylene

Concen: 54.488 ng

RT: 9.787 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

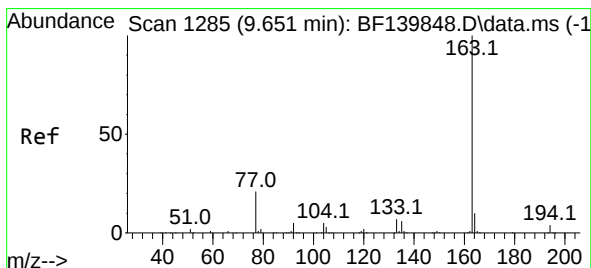
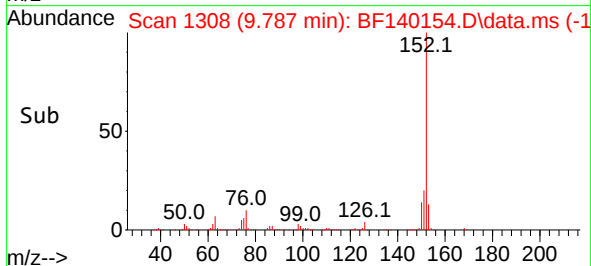
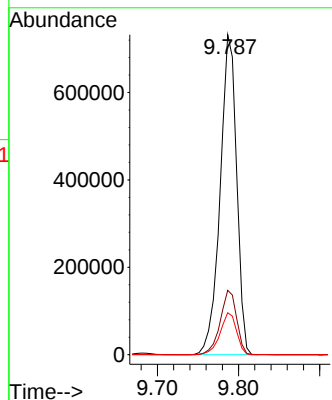
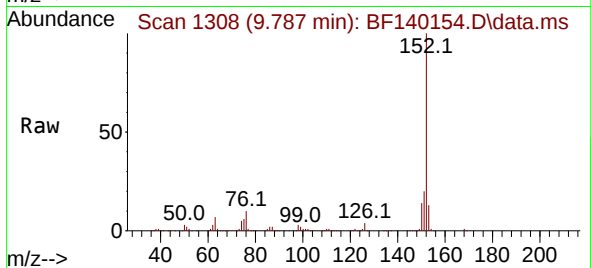
Tgt Ion:152 Resp: 1036967

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.7 16.1



#50

Dimethylphthalate

Concen: 54.294 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

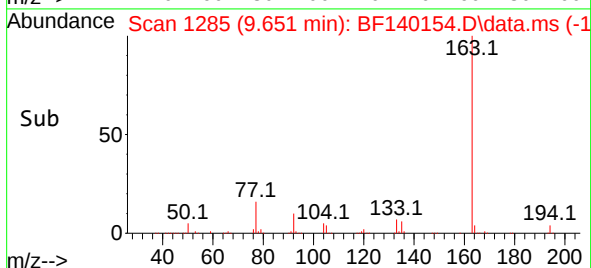
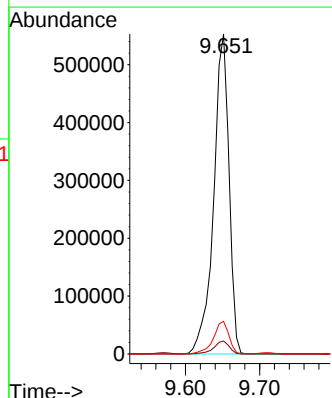
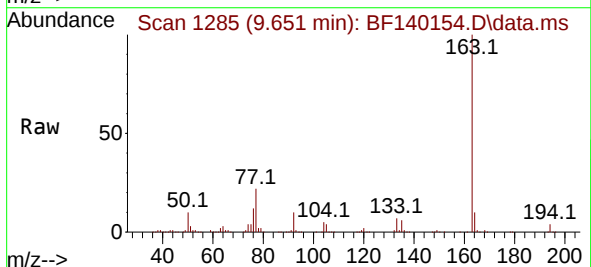
Tgt Ion:163 Resp: 794006

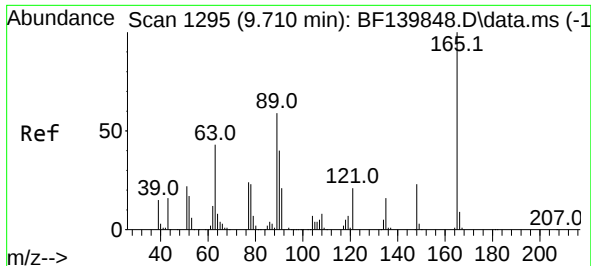
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.2 8.2 12.2

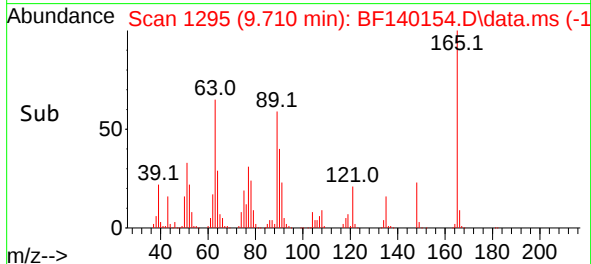
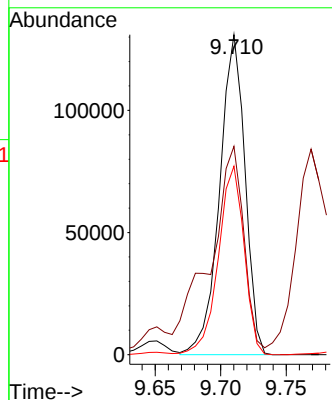
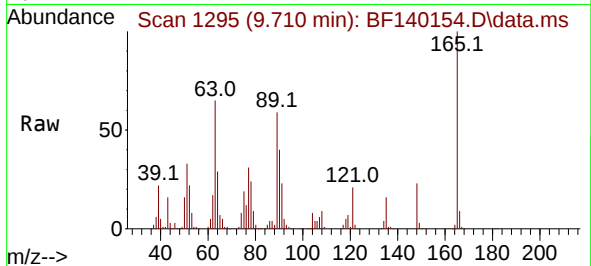




#51
2,6-Dinitrotoluene
Concen: 55.705 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

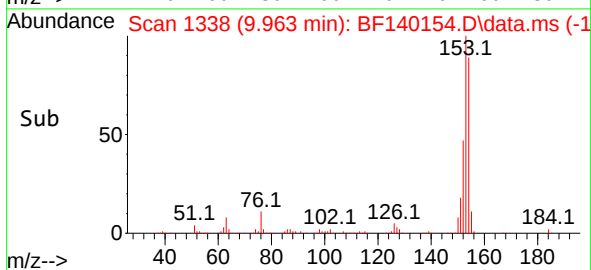
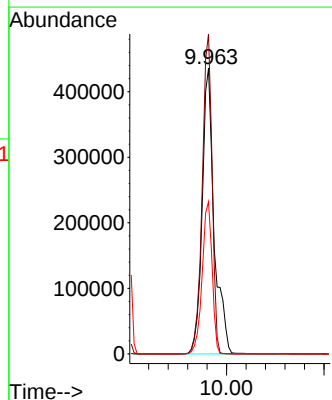
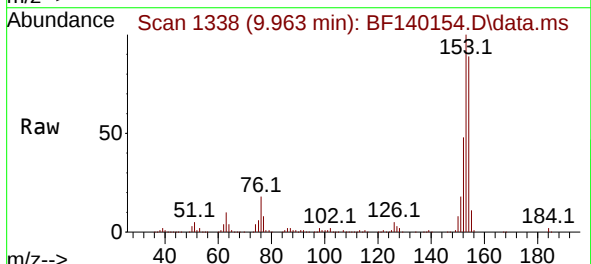
Instrument :
BNA_F
ClientSampleId :
PB164531BS

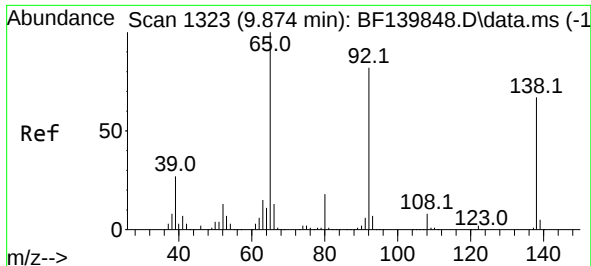
Tgt Ion:165 Resp: 176385
Ion Ratio Lower Upper
165 100
63 65.1 50.6 75.8
89 58.9 47.5 71.3



#52
Acenaphthene
Concen: 60.639 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:154 Resp: 746544
Ion Ratio Lower Upper
154 100
153 112.1 89.8 134.6
152 53.3 42.4 63.6

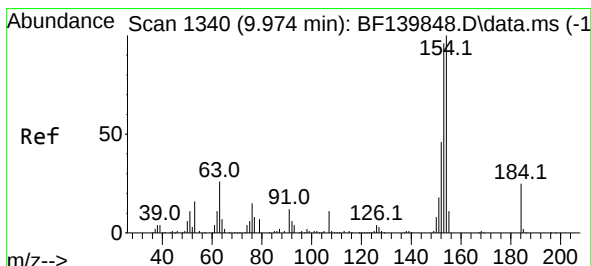
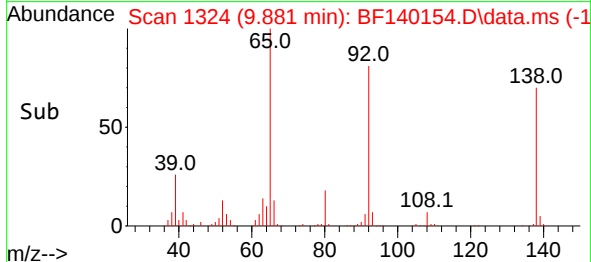
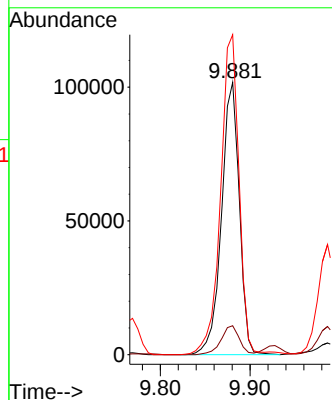
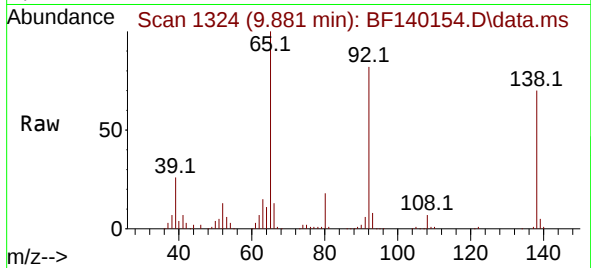




#53
3-Nitroaniline
Concen: 42.985 ng
RT: 9.881 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

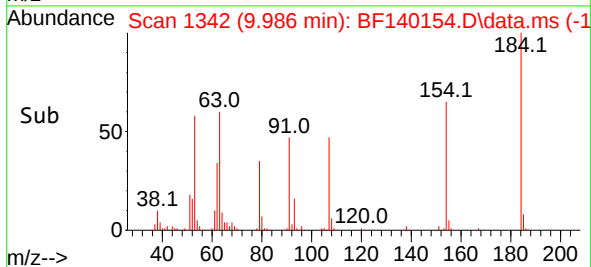
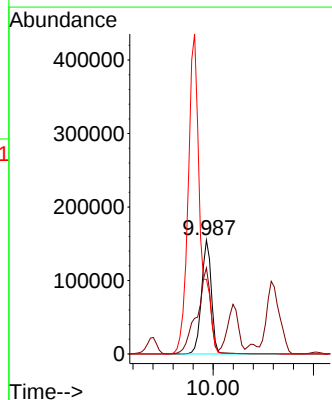
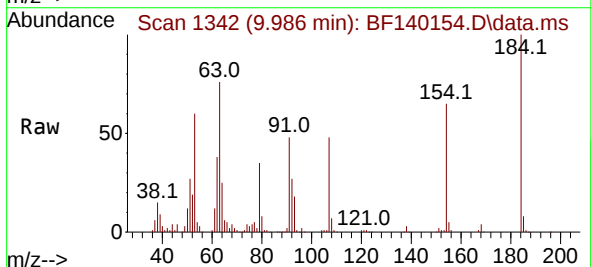
Instrument :
BNA_F
ClientSampleId :
PB164531BS

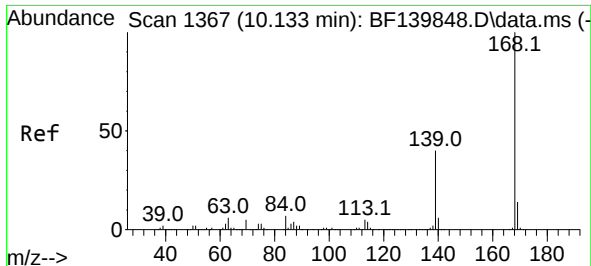
Tgt Ion:138 Resp: 140362
Ion Ratio Lower Upper
138 100
108 10.6 10.2 15.2
92 117.5 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 154.802 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:184 Resp: 212399
Ion Ratio Lower Upper
184 100
63 75.6 84.7 127.1#
154 65.5 338.2 507.2#

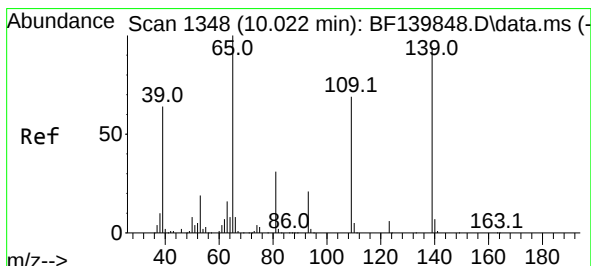
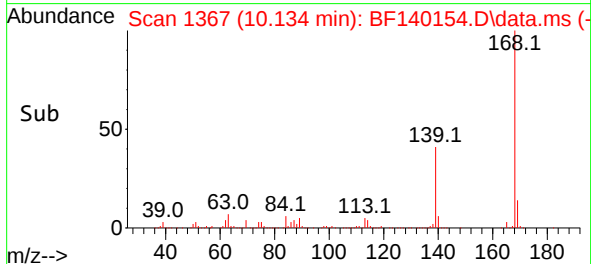
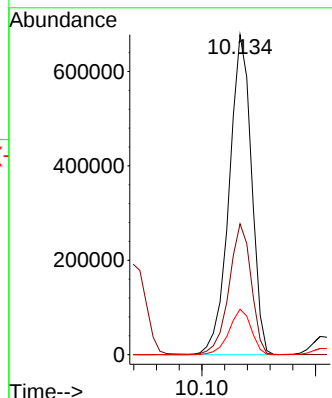
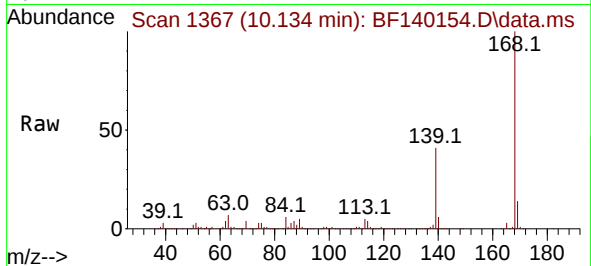




#55
Dibenzenofuran
Concen: 52.207 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

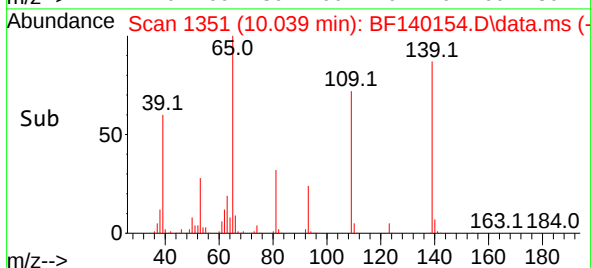
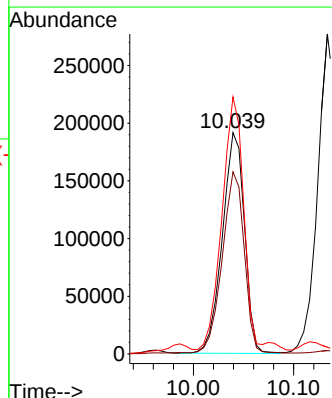
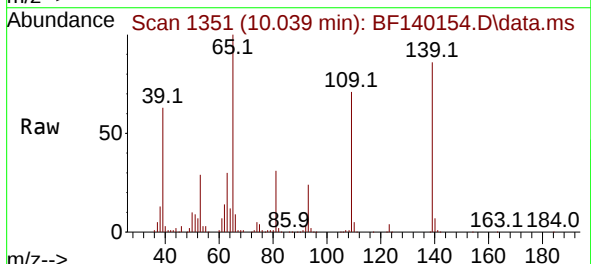
Instrument :
BNA_F
ClientSampleId :
PB164531BS

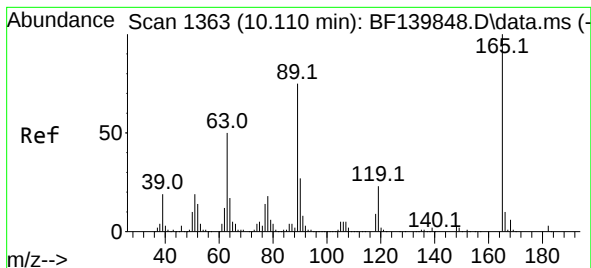
Tgt Ion:168 Resp: 922175
Ion Ratio Lower Upper
168 100
139 40.9 31.8 47.6
169 14.2 11.6 17.4



#56
4-Nitrophenol
Concen: 116.614 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:139 Resp: 292960
Ion Ratio Lower Upper
139 100
109 82.3 53.6 93.6
65 116.1 87.8 127.8

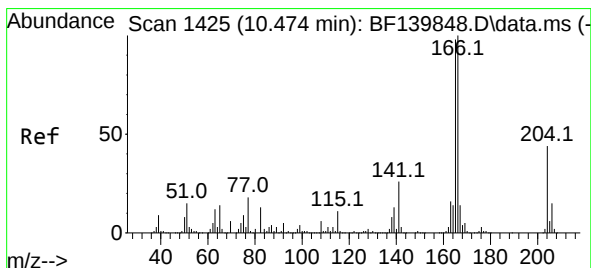
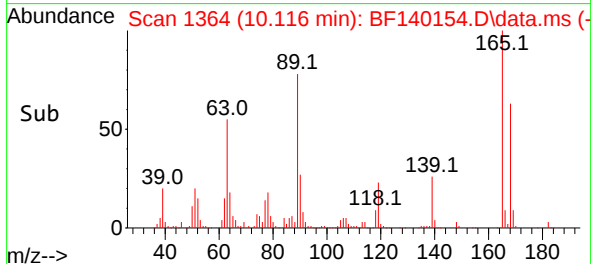
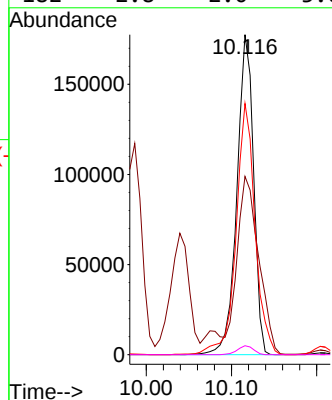
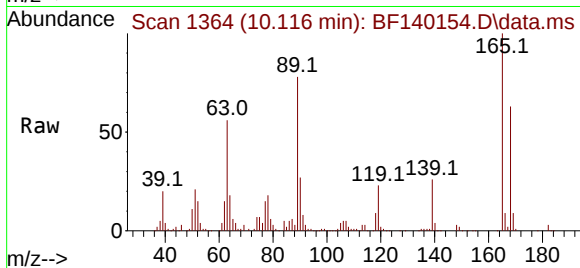




#57
2,4-Dinitrotoluene
Concen: 62.011 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

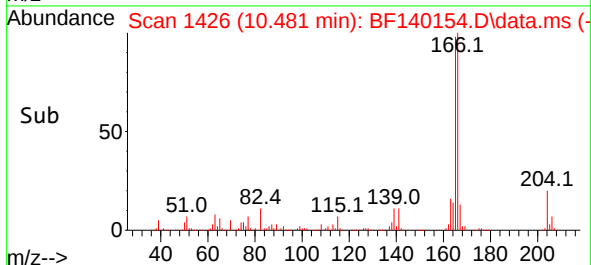
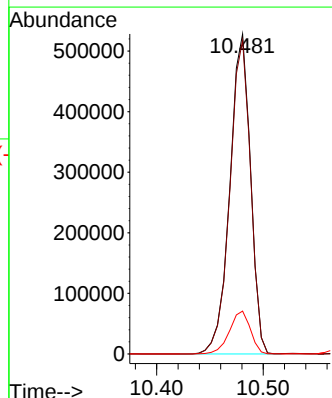
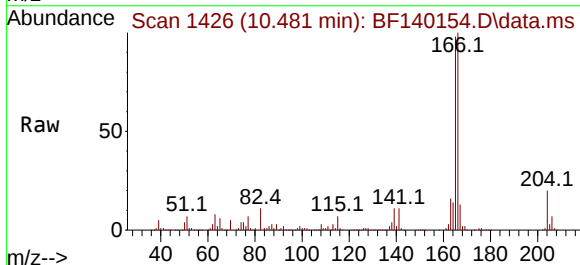
Instrument :
BNA_F
ClientSampleId :
PB164531BS

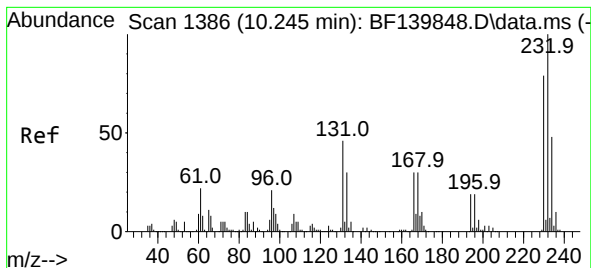
Tgt Ion:165 Resp: 241461
Ion Ratio Lower Upper
165 100
63 55.7 40.1 60.1
89 78.5 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 52.833 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:166 Resp: 710796
Ion Ratio Lower Upper
166 100
165 98.1 78.5 117.7
167 13.4 10.9 16.3

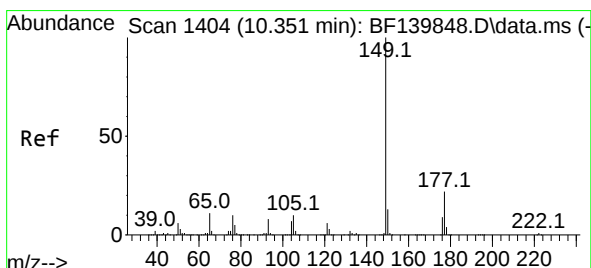
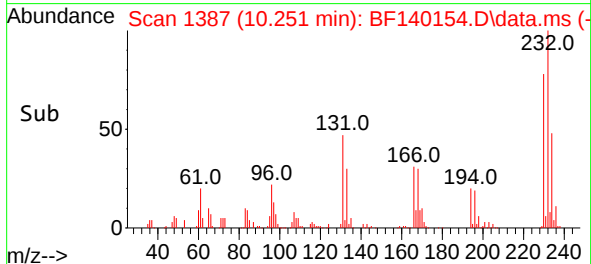
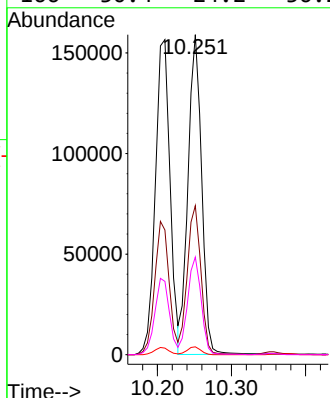
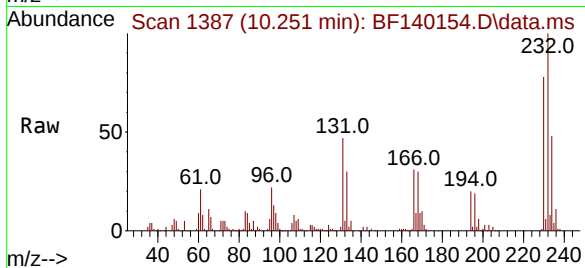




#59
2,3,4,6-Tetrachlorophenol
Concen: 56.070 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

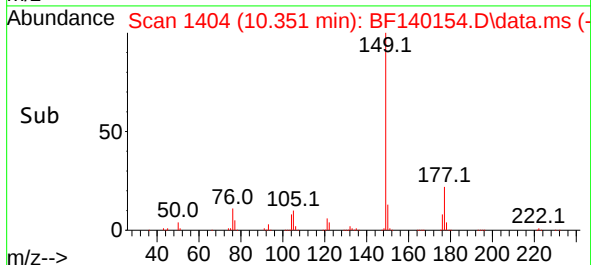
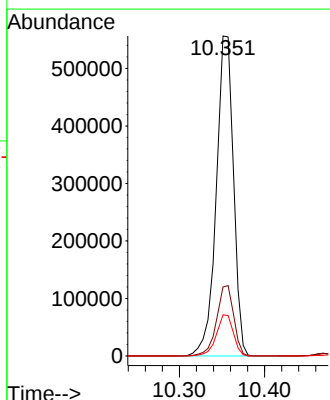
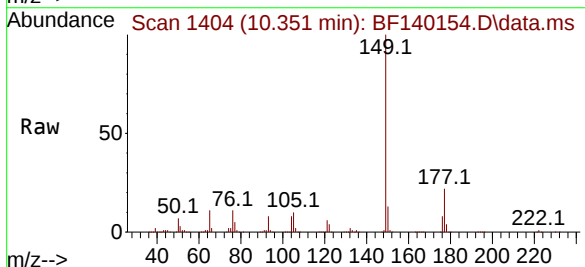
Instrument :
BNA_F
ClientSampleId :
PB164531BS

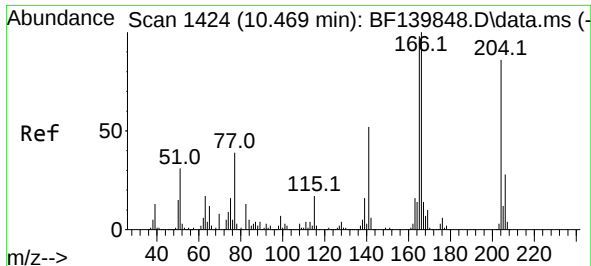
Tgt Ion:232 Resp: 203369
Ion Ratio Lower Upper
232 100
131 47.0 37.0 55.6
130 2.5 1.9 2.9
166 30.4 24.2 36.2



#60
Diethylphthalate
Concen: 54.483 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:149 Resp: 782318
Ion Ratio Lower Upper
149 100
177 21.6 17.9 26.9
150 12.8 10.1 15.1

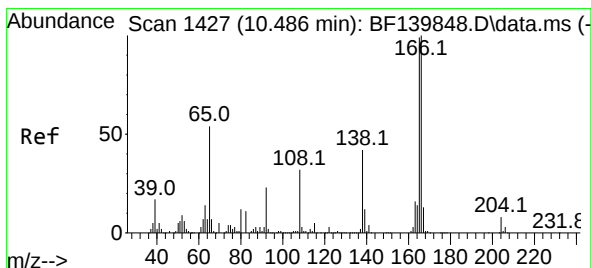
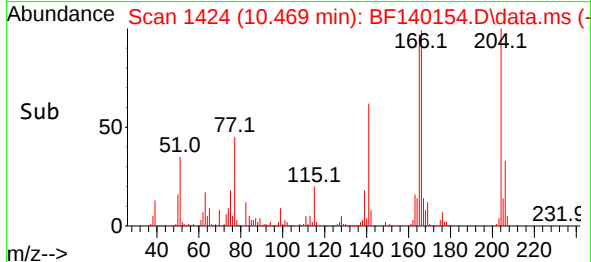
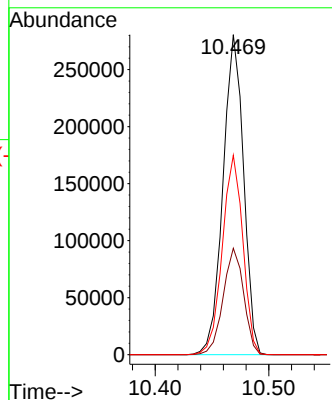
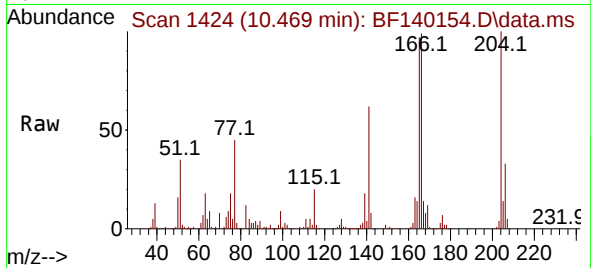




#61
4-Chlorophenyl-phenylether
Concen: 52.038 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

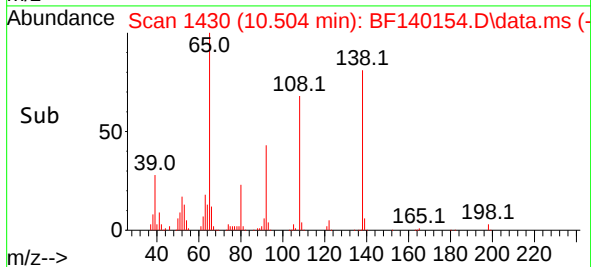
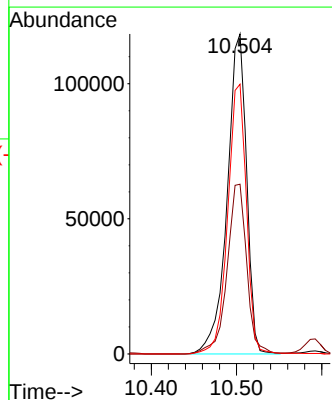
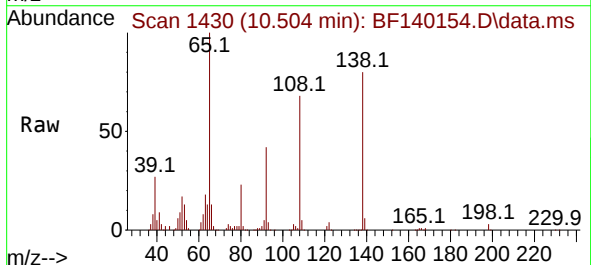
Instrument :
BNA_F
ClientSampleId :
PB164531BS

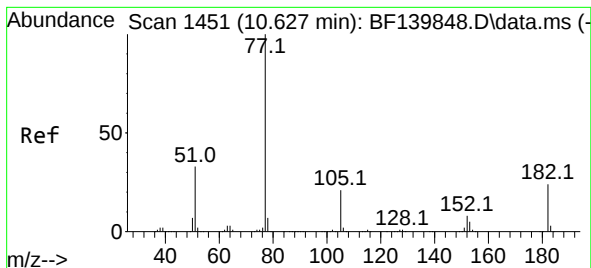
Tgt Ion:204 Resp: 353552
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 62.3 48.6 73.0



#62
4-Nitroaniline
Concen: 60.714 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:138 Resp: 187243
Ion Ratio Lower Upper
138 100
92 53.1 35.7 75.7
108 84.3 57.5 97.5





#63

Azobenzene

Concen: 52.712 ng

RT: 10.634 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

Tgt Ion: 77 Resp: 802415

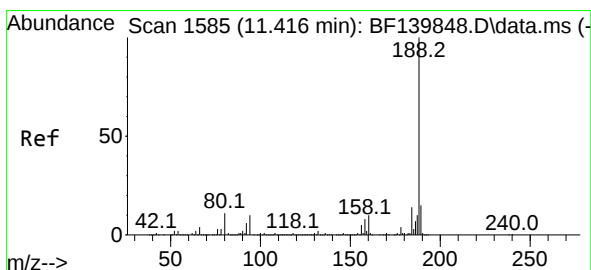
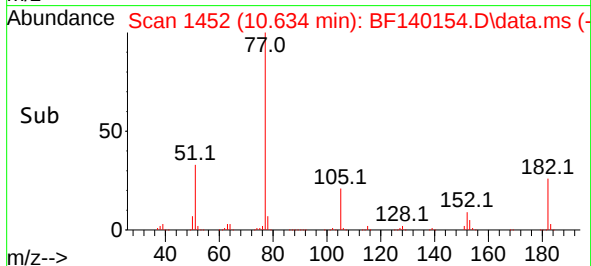
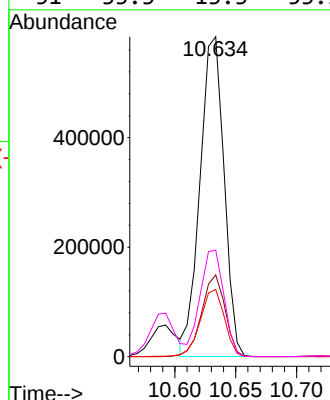
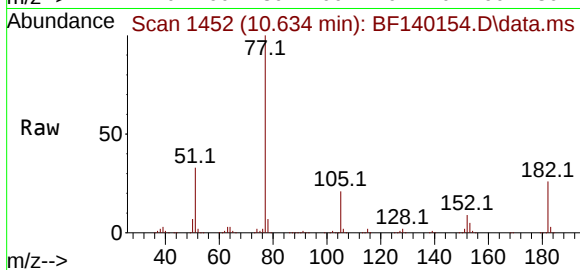
Ion Ratio Lower Upper

77 100

182 25.6 3.3 43.3

105 21.0 1.2 41.2

51 33.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

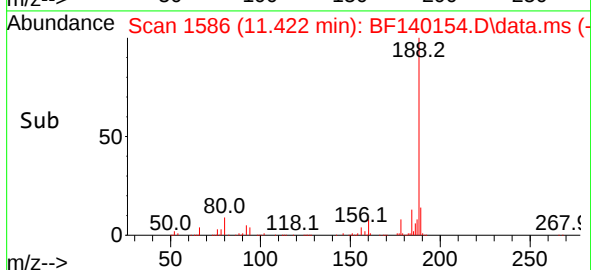
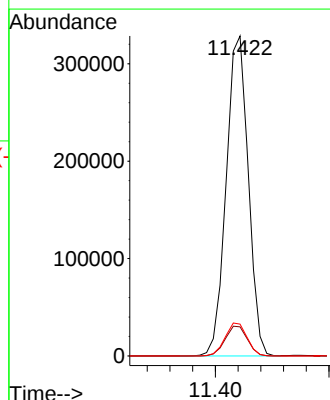
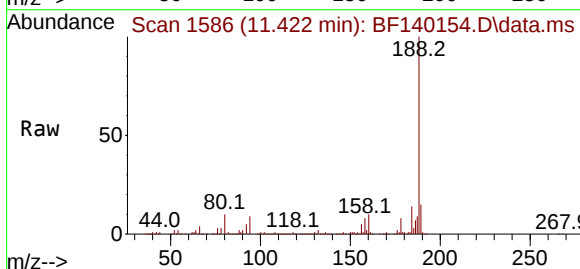
Tgt Ion:188 Resp: 443747

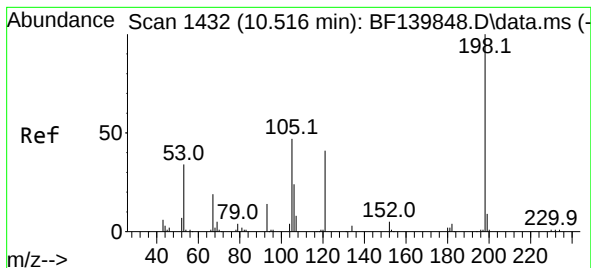
Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.9 9.0 13.4

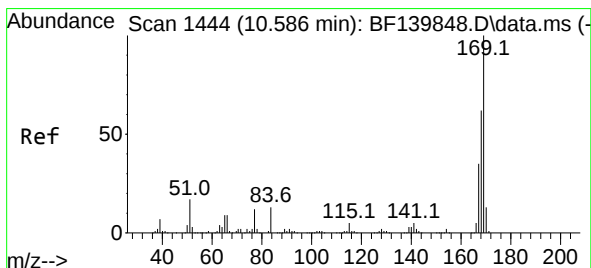
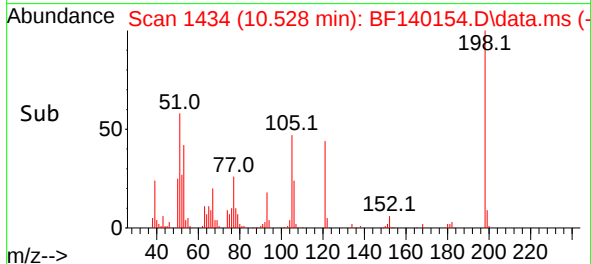
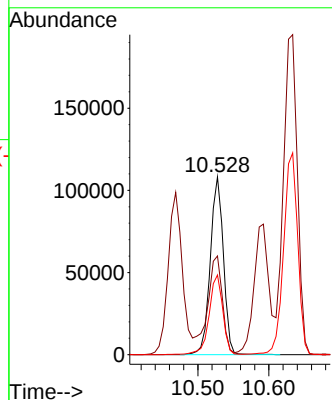
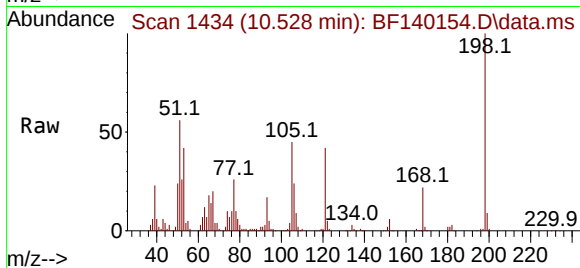




#65
4,6-Dinitro-2-methylphenol
Concen: 76.824 ng
RT: 10.528 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

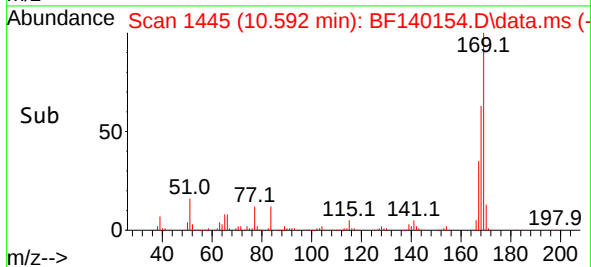
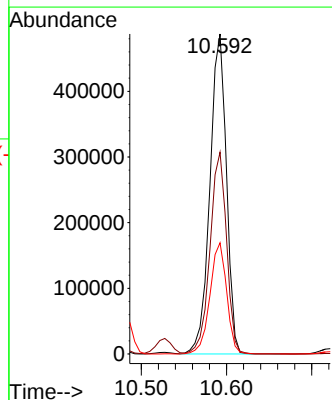
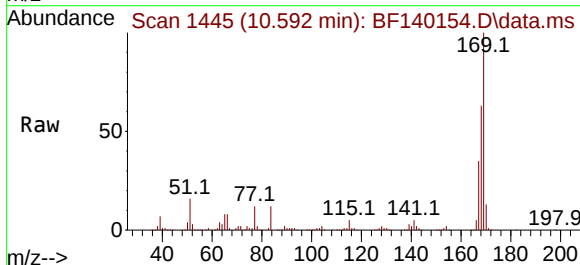
Instrument :
BNA_F
ClientSampleId :
PB164531BS

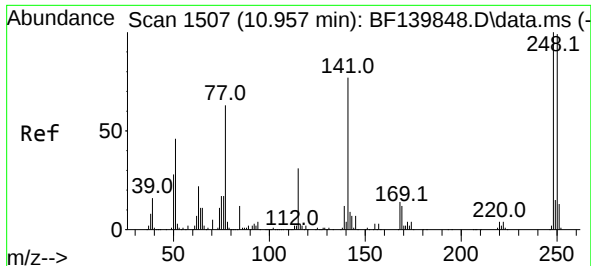
Tgt Ion:198 Resp: 139053
Ion Ratio Lower Upper
198 100
51 55.6 38.2 78.2
105 44.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 49.493 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:169 Resp: 657328
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 34.8 28.0 42.0

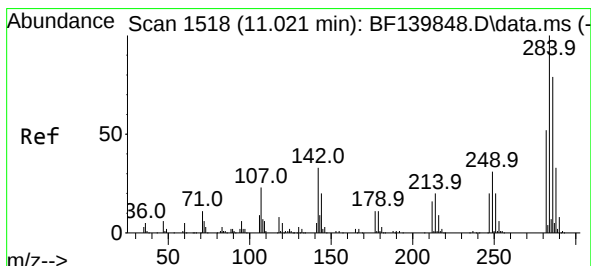
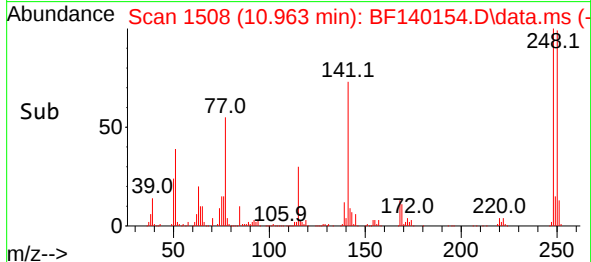
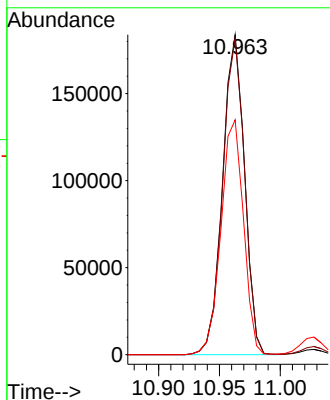
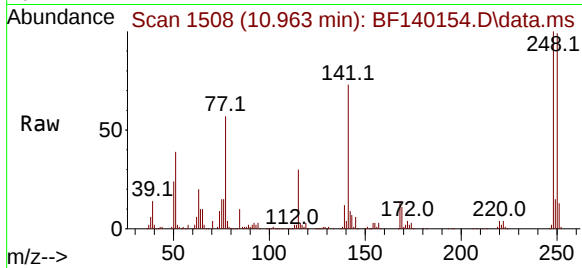




#67
4-Bromophenyl-phenylether
Concen: 50.579 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

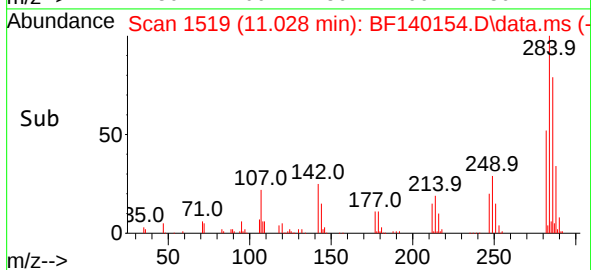
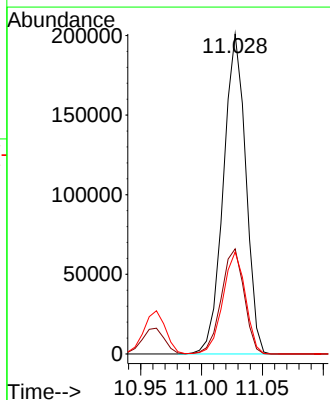
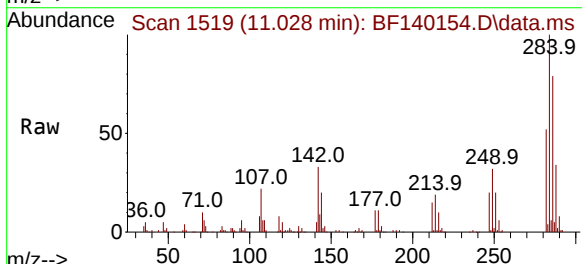
Instrument :
BNA_F
ClientSampleId :
PB164531BS

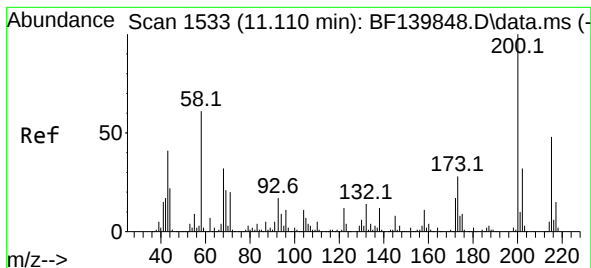
Tgt Ion:248 Resp: 231219
Ion Ratio Lower Upper
248 100
250 98.9 79.0 118.6
141 73.4 61.7 92.5



#68
Hexachlorobenzene
Concen: 50.076 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:284 Resp: 257457
Ion Ratio Lower Upper
284 100
142 32.8 26.9 40.3
249 31.8 25.3 37.9





#69

Atrazine

Concen: 62.201 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

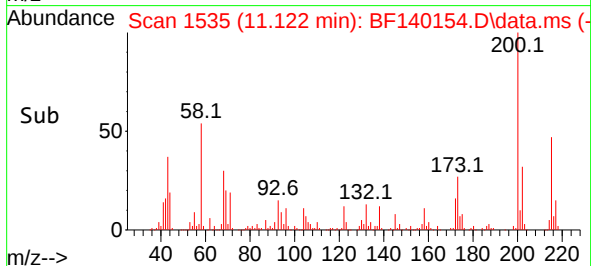
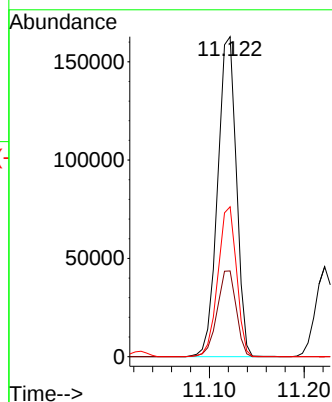
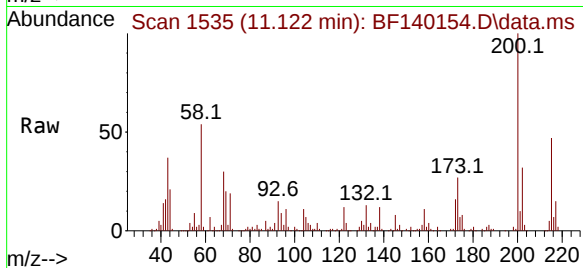
Tgt Ion:200 Resp: 223781

Ion Ratio Lower Upper

200 100

173 26.8 7.7 47.7

215 46.8 27.7 67.7



#70

Pentachlorophenol

Concen: 103.559 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

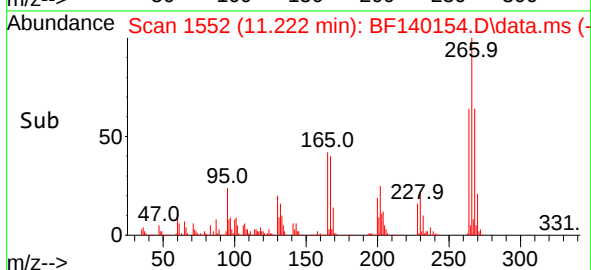
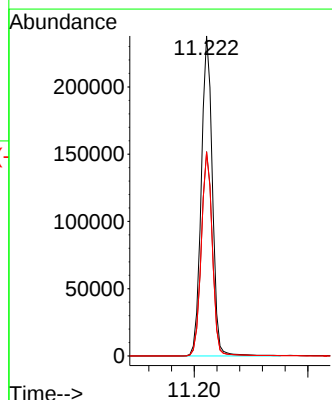
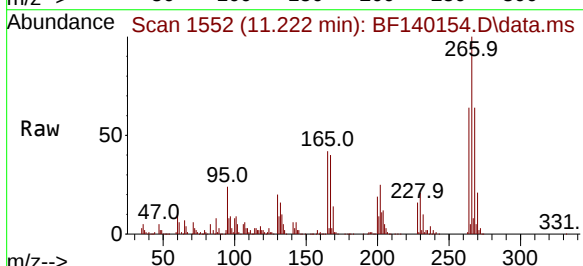
Tgt Ion:266 Resp: 323136

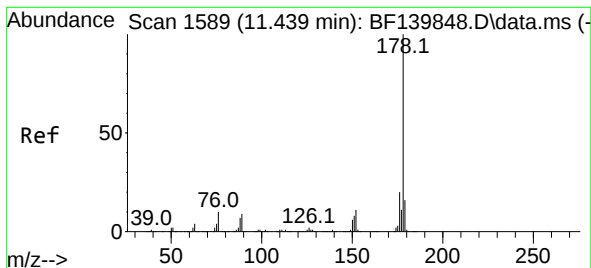
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.6 50.6 75.8





#71

Phenanthrene

Concen: 50.670 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

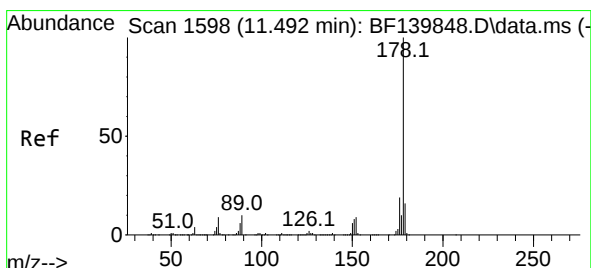
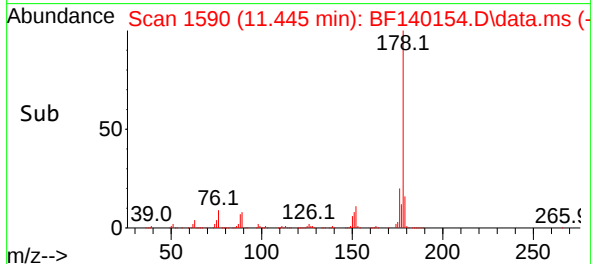
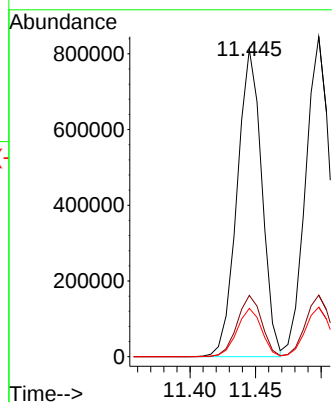
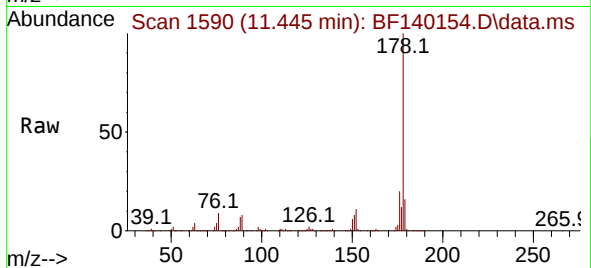
Tgt Ion:178 Resp: 1062070

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 15.7 12.6 18.8



#72

Anthracene

Concen: 53.321 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

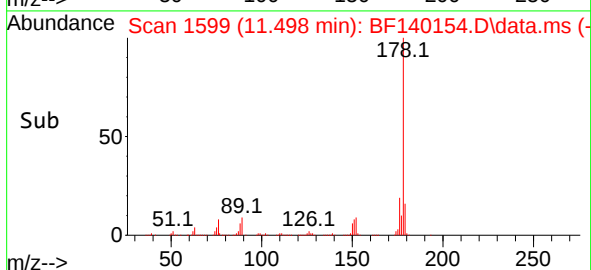
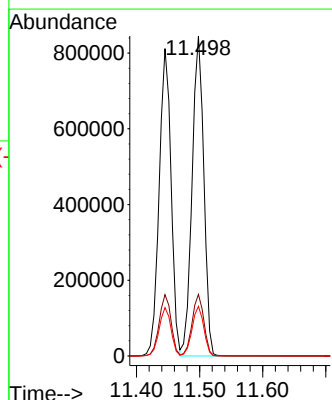
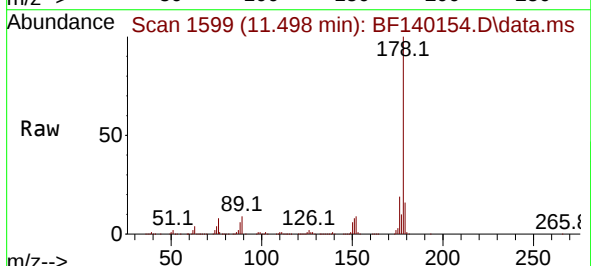
Tgt Ion:178 Resp: 1090470

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.5 12.4 18.6





#73

Carbazole

Concen: 50.626 ng

RT: 11.651 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

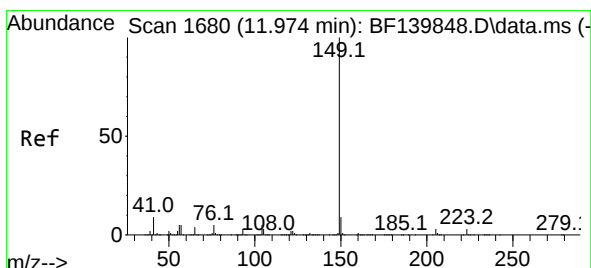
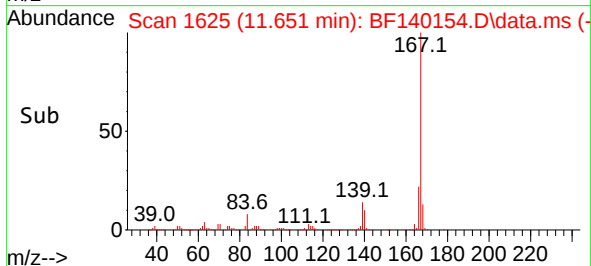
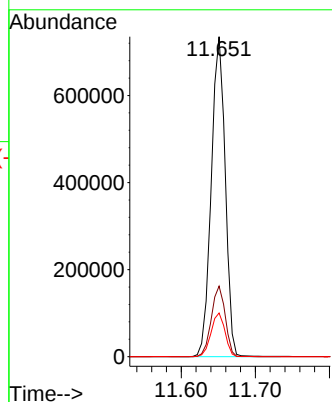
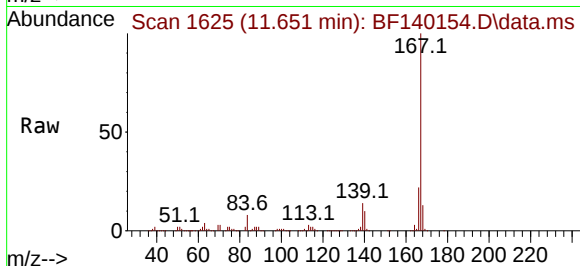
Tgt Ion:167 Resp: 962896

Ion Ratio Lower Upper

167 100

166 22.0 17.0 25.6

139 13.7 10.8 16.2



#74

Di-n-butylphthalate

Concen: 55.662 ng

RT: 11.980 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

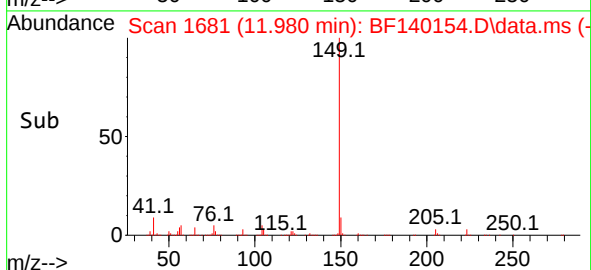
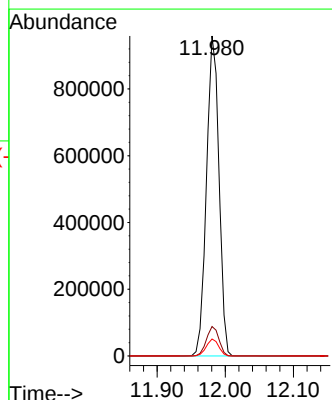
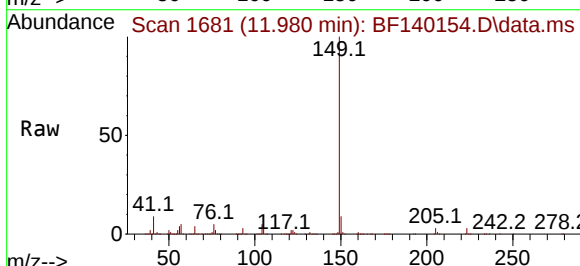
Tgt Ion:149 Resp: 1223149

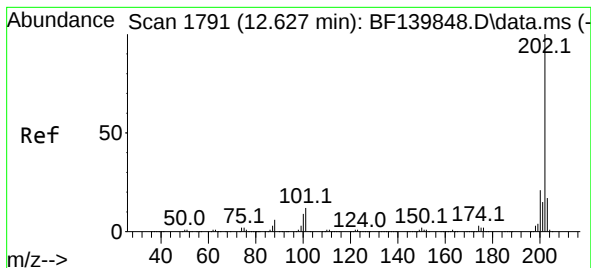
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 52.729 ng

RT: 12.633 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

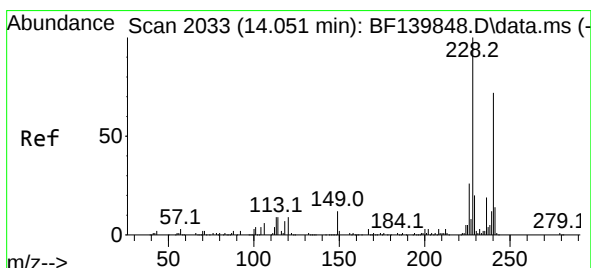
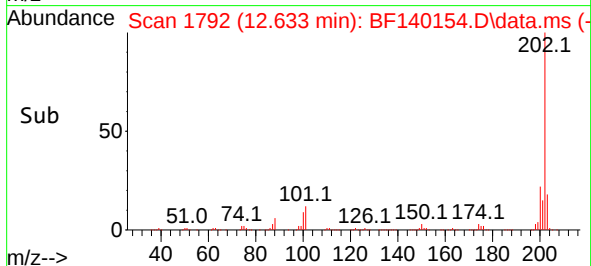
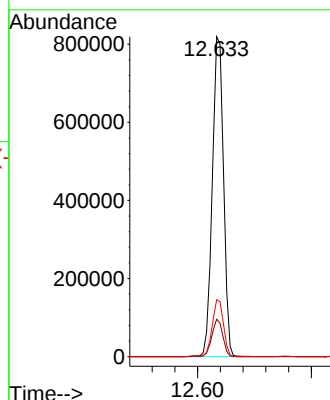
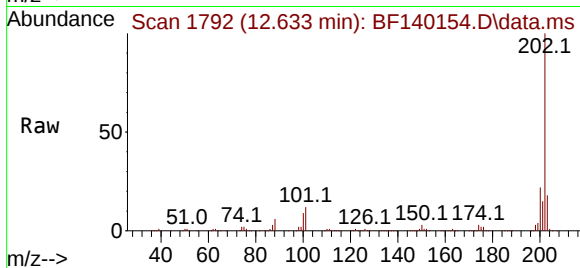
Tgt Ion:202 Resp: 1117308

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

203 17.8 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.024 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

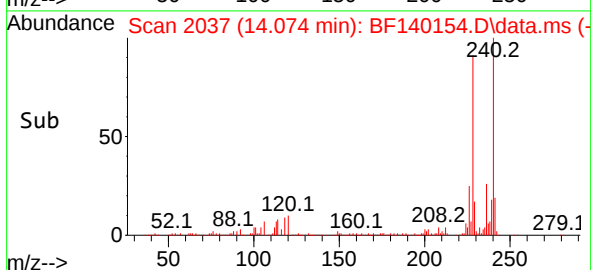
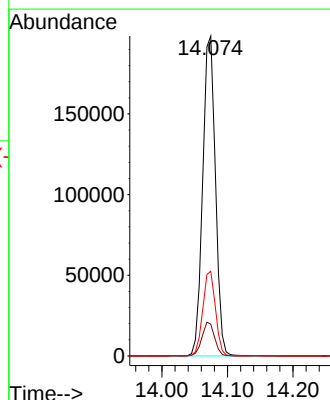
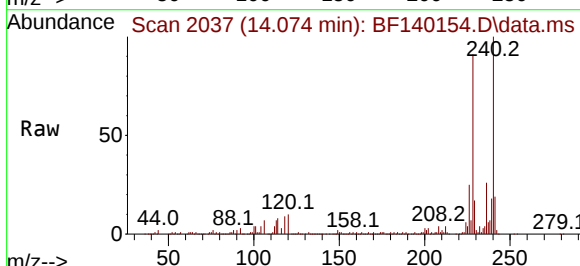
Tgt Ion:240 Resp: 268777

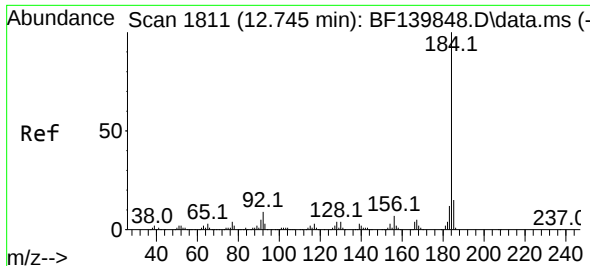
Ion Ratio Lower Upper

240 100

120 9.9 9.4 14.2

236 26.5 20.9 31.3

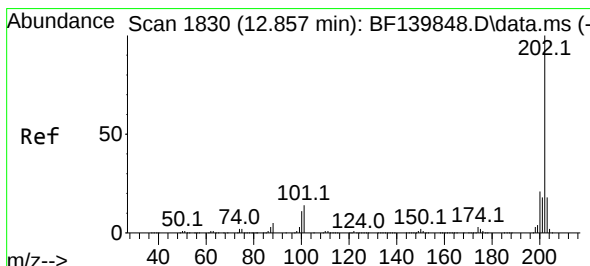
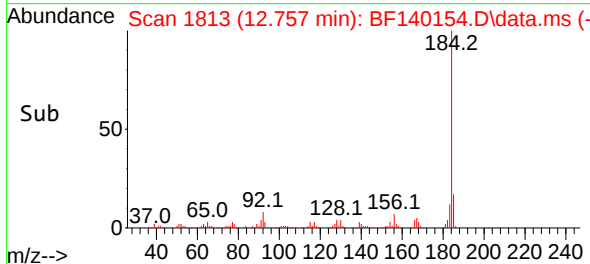
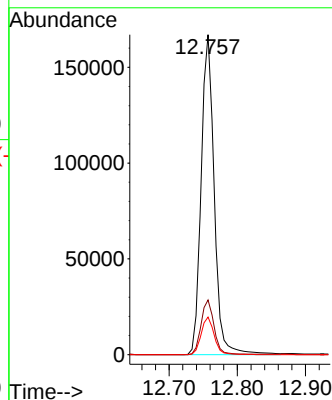
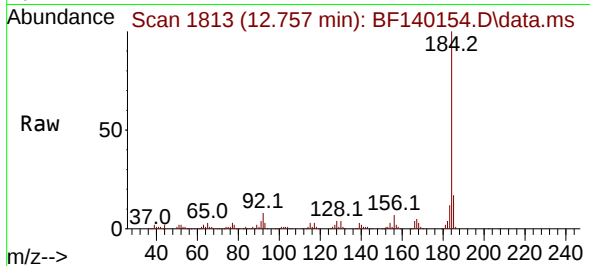




#77
Benzidine
Concen: 50.559 ng
RT: 12.757 min Scan# 1813
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

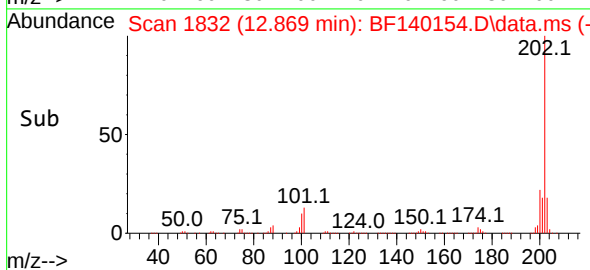
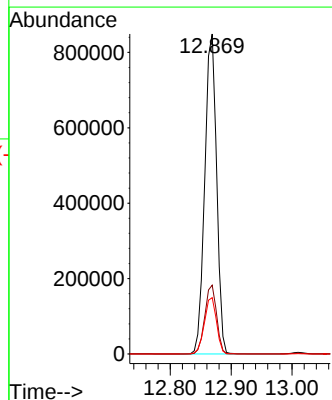
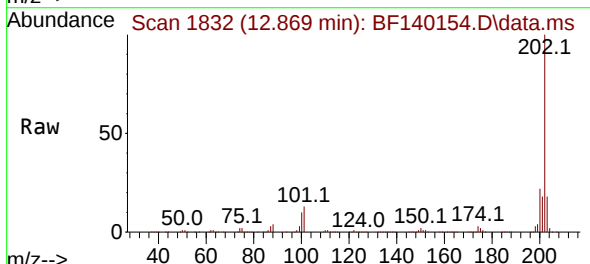
Instrument :
BNA_F
ClientSampleId :
PB164531BS

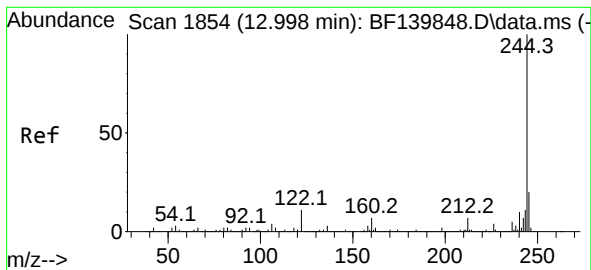
Tgt Ion:184 Resp: 223450
Ion Ratio Lower Upper
184 100
185 17.1 12.0 18.0
183 11.8 9.4 14.2



#78
Pyrene
Concen: 48.679 ng
RT: 12.869 min Scan# 1832
Delta R.T. 0.012 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:202 Resp: 1145259
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 99.389 ng

RT: 13.010 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

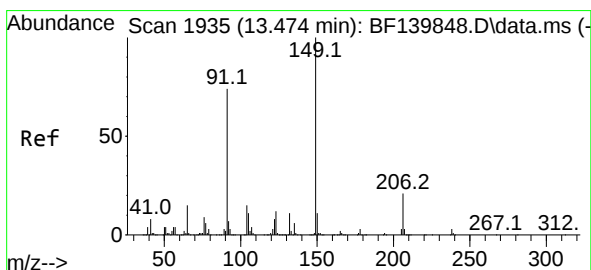
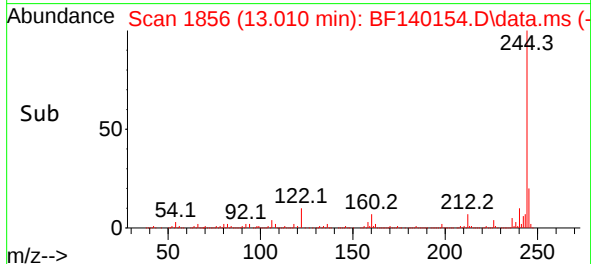
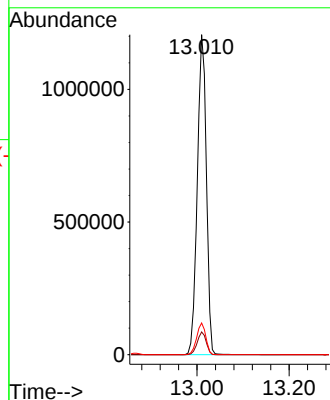
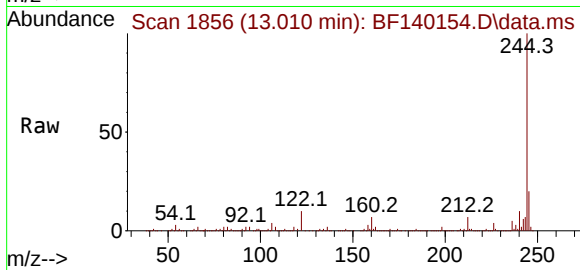
Tgt Ion:244 Resp: 1639392

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 9.9 8.6 13.0



#80

Butylbenzylphthalate

Concen: 65.160 ng

RT: 13.486 min Scan# 1937

Delta R.T. 0.012 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

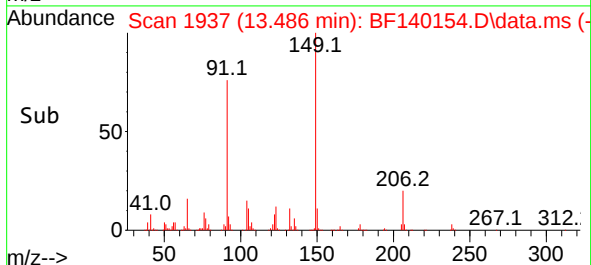
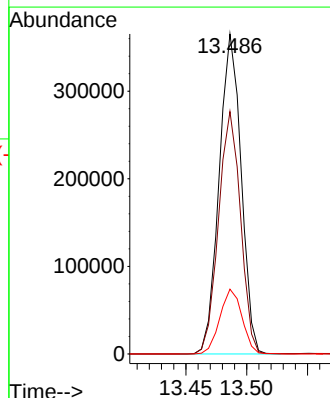
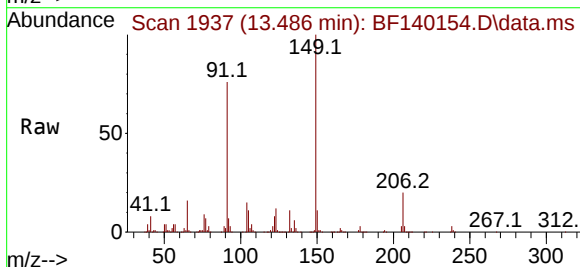
Tgt Ion:149 Resp: 459601

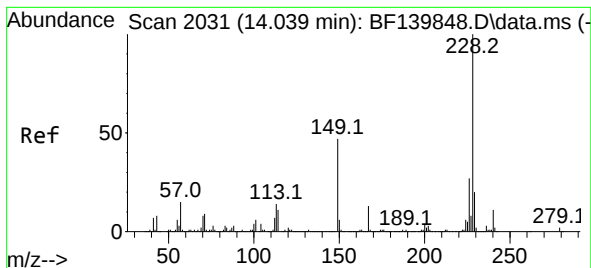
Ion Ratio Lower Upper

149 100

91 75.7 59.4 89.2

206 20.3 16.4 24.6

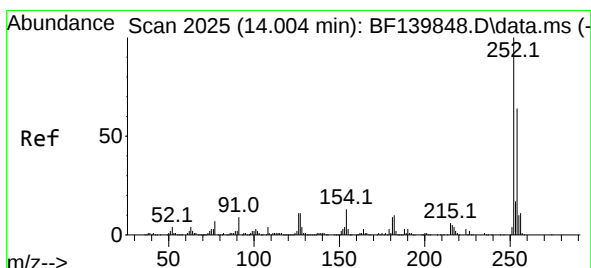
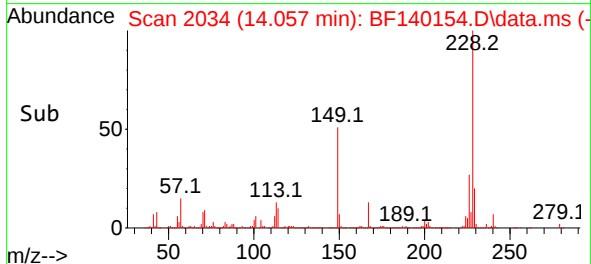
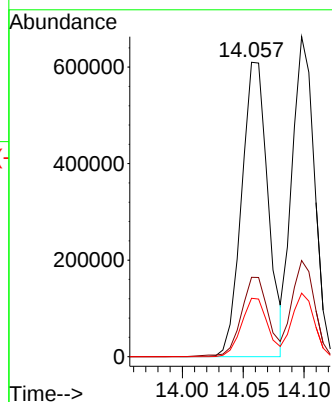
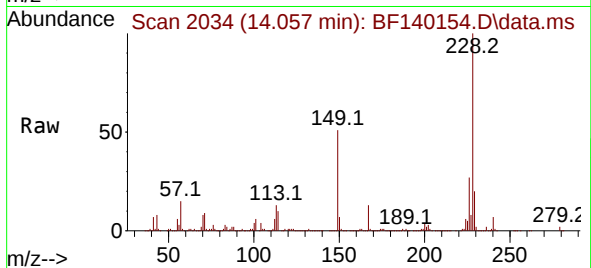




#81
Benzo(a)anthracene
Concen: 52.756 ng
RT: 14.057 min Scan# 2031
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

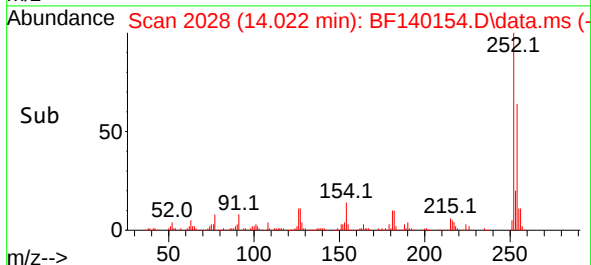
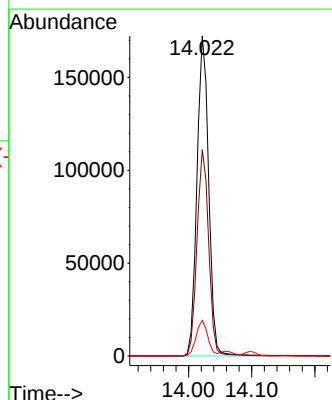
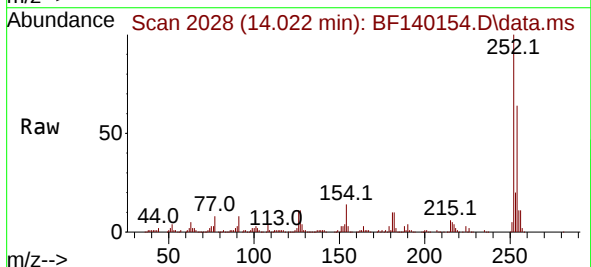
Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:228 Resp: 923039
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.8 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 43.468 ng
RT: 14.022 min Scan# 2028
Delta R.T. 0.018 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:252 Resp: 221747
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 11.1 8.9 13.3





#83

Chrysene

Concen: 52.958 ng

RT: 14.098 min Scan# 2038

Delta R.T. 0.018 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

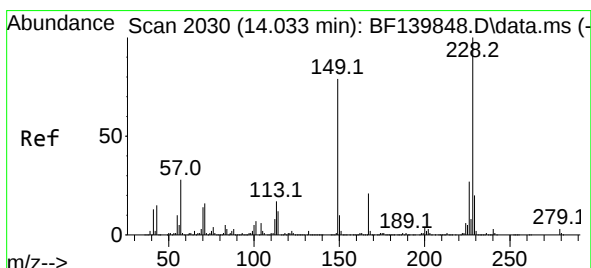
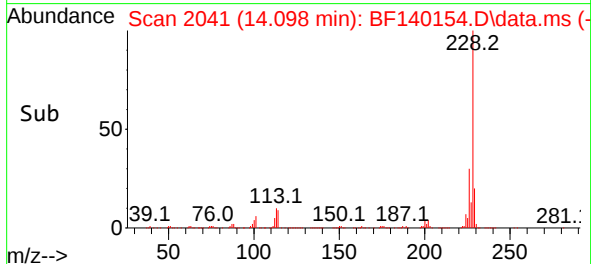
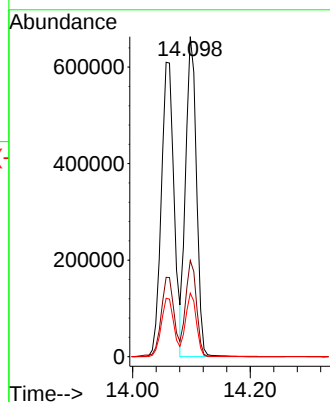
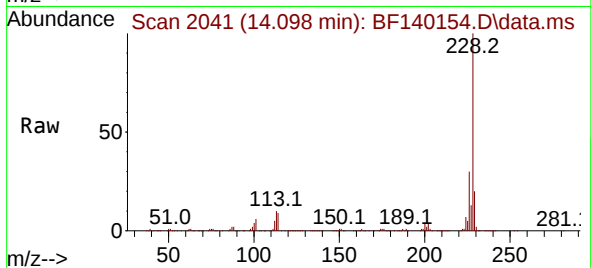
Tgt Ion:228 Resp: 849568

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 75.719 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

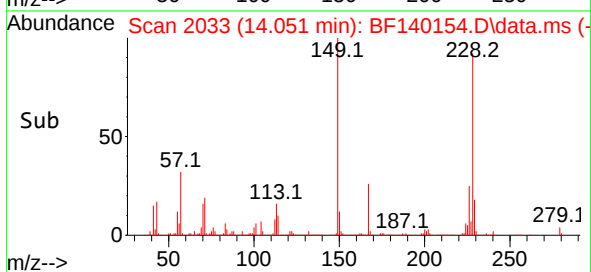
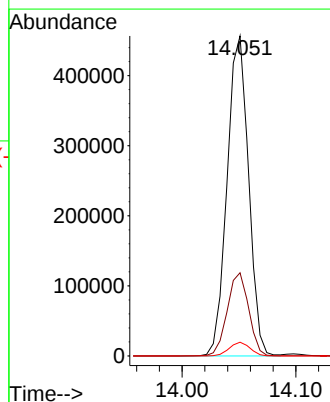
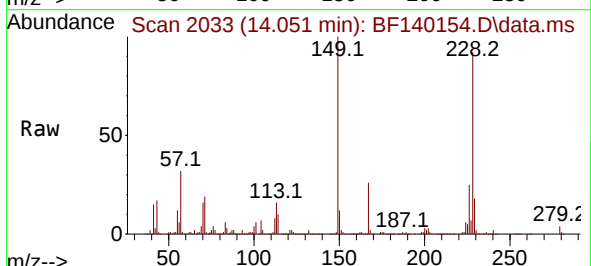
Tgt Ion:149 Resp: 599211

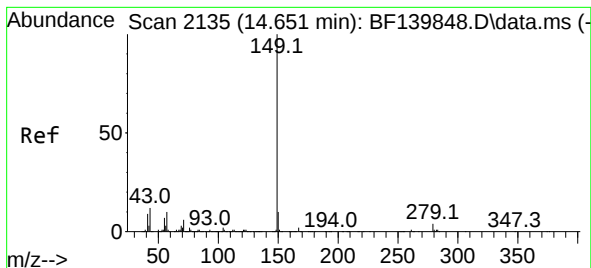
Ion Ratio Lower Upper

149 100

167 26.0 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 65.735 ng

RT: 14.680 min Scan# 2140

Delta R.T. 0.029 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

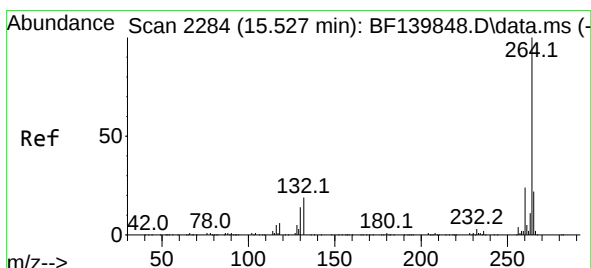
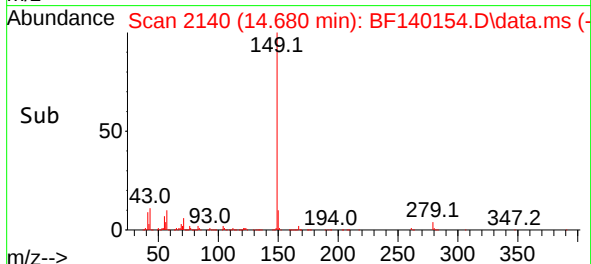
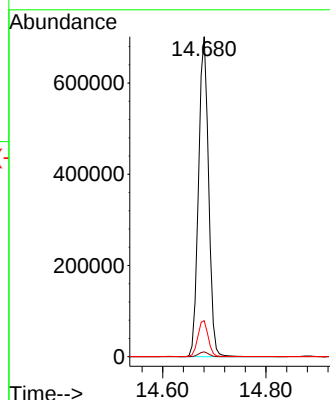
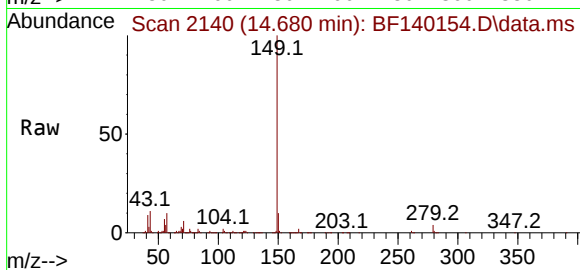
Tgt Ion:149 Resp: 946177

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.6 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.047 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

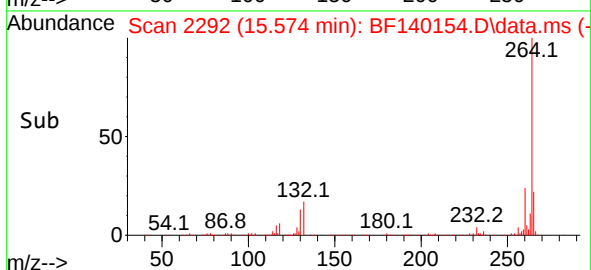
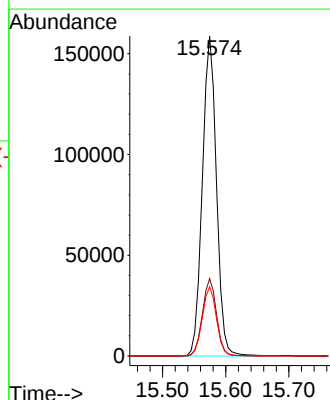
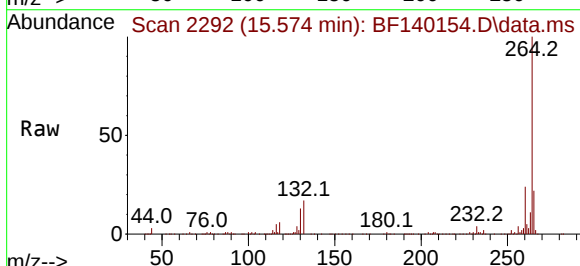
Tgt Ion:264 Resp: 246640

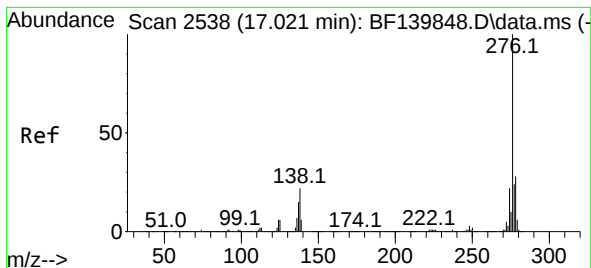
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.532 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

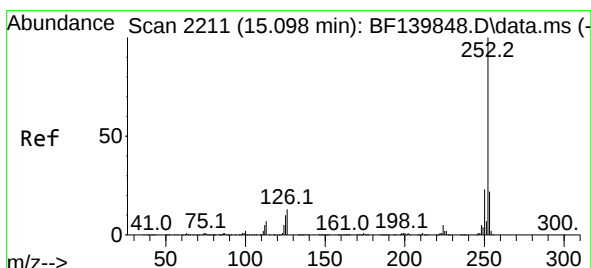
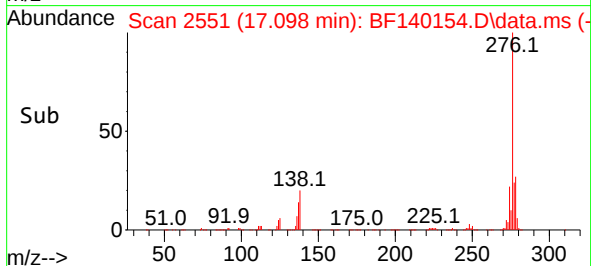
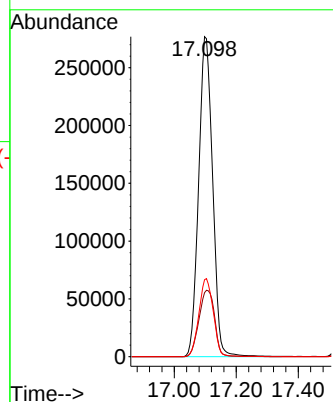
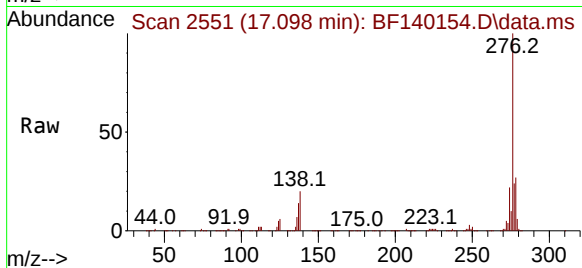
Tgt Ion:276 Resp: 865265

Ion Ratio Lower Upper

276 100

138 23.2 20.4 30.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 54.853 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.036 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

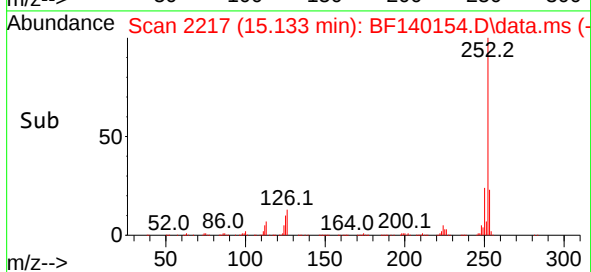
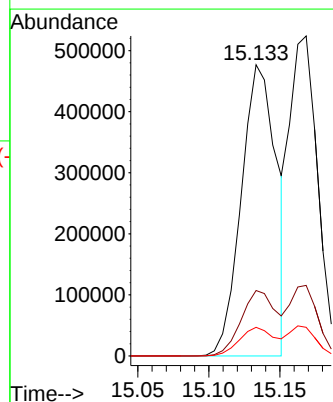
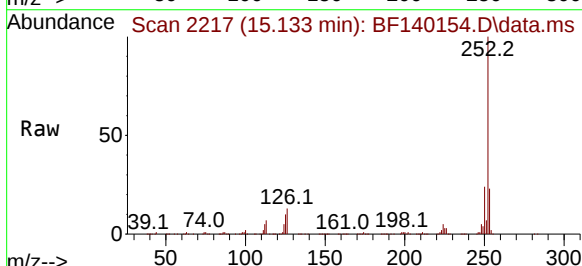
Tgt Ion:252 Resp: 824119

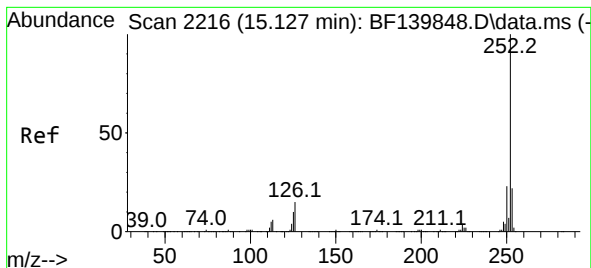
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 55.828 ng

RT: 15.169 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

Instrument :

BNA_F

ClientSampleId :

PB164531BS

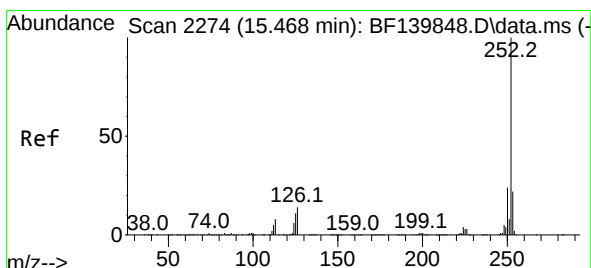
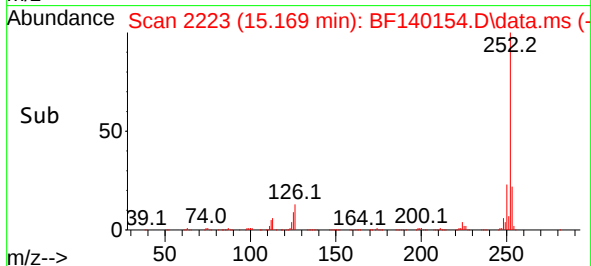
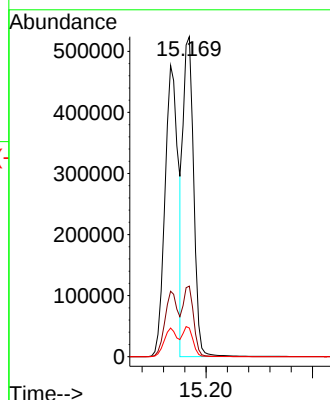
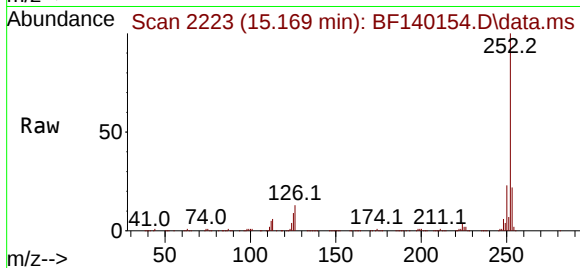
Tgt Ion:252 Resp: 723371

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 58.550 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.041 min

Lab File: BF140154.D

Acq: 30 Oct 2024 13:43

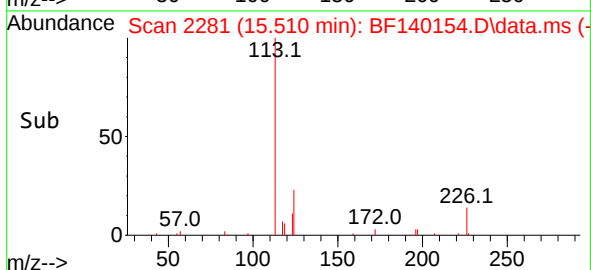
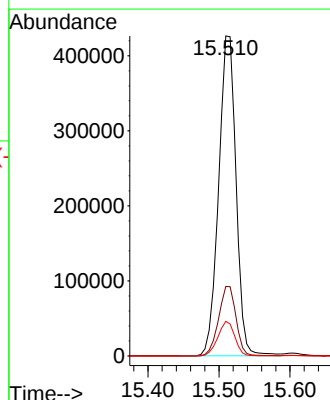
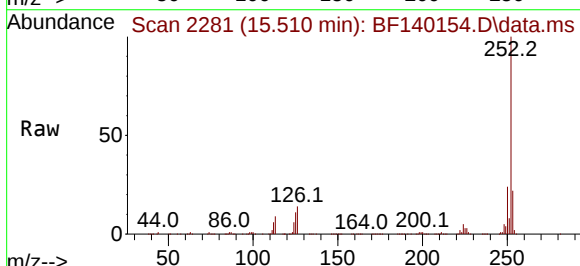
Tgt Ion:252 Resp: 723819

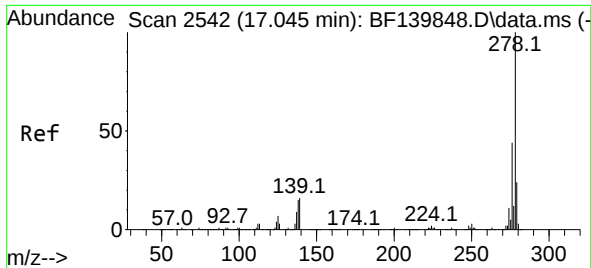
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.8 8.7 13.1

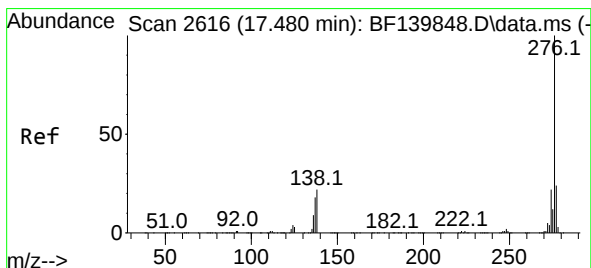
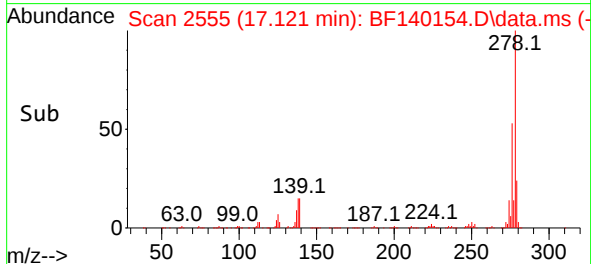
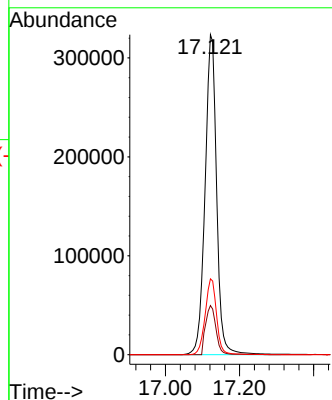
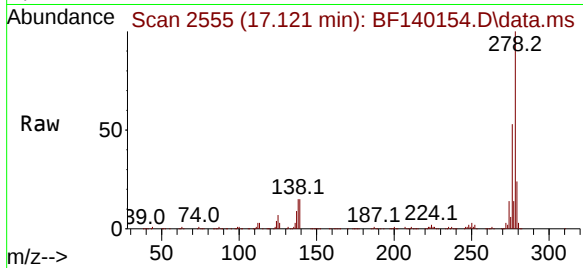




#91
Dibenzo(a,h)anthracene
Concen: 52.976 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.077 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Instrument :
BNA_F
ClientSampleId :
PB164531BS

Tgt Ion:278 Resp: 701220
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.876 ng
RT: 17.568 min Scan# 2631
Delta R.T. 0.088 min
Lab File: BF140154.D
Acq: 30 Oct 2024 13:43

Tgt Ion:276 Resp: 646218
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.1 17.4 26.0

