

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140209.D
 Acq On : 01 Nov 2024 14:27
 Operator : RC/JU
 Sample : P4663-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:53:42 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	6.887	152	109344	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	436831	20.000	ng	-0.01
39) Acenaphthene-d10	9.928	164	250775	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	453631	20.000	ng	0.00
76) Chrysene-d12	14.074	240	223586	20.000	ng	0.02
86) Perylene-d12	15.568	264	232464	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	724961	103.793	ng	0.01
7) Phenol-d6	6.510	99	940607	103.977	ng	0.00
23) Nitrobenzene-d5	7.445	82	641831	81.433	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	260711	111.146	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1151750	75.904	ng	0.00
79) Terphenyl-d14	13.010	244	1184293	86.311	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	129899	39.888	ng	98
3) Pyridine	3.504	79	324457	40.195	ng	96
4) n-Nitrosodimethylamine	3.457	42	206659	47.651	ng	# 91
6) Aniline	6.545	93	340812	40.424	ng	97
8) 2-Chlorophenol	6.669	128	365786	51.227	ng	98
9) Benzaldehyde	6.434	77	64850	12.743	ng	98
10) Phenol	6.528	94	479589	51.424	ng	94
11) bis(2-Chloroethyl)ether	6.622	93	355594	49.330	ng	98
12) 1,3-Dichlorobenzene	6.828	146	390215	47.607	ng	100
13) 1,4-Dichlorobenzene	6.904	146	392139	47.886	ng	100
14) 1,2-Dichlorobenzene	7.051	146	375795	49.170	ng	100
15) Benzyl Alcohol	7.022	79	351797	53.015	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	638462	51.943	ng	99
17) 2-Methylphenol	7.134	107	310623	51.017	ng	97
18) Hexachloroethane	7.398	117	142700	48.867	ng	96
19) n-Nitroso-di-n-propyla...	7.292	70	276540	50.403	ng	99
20) 3+4-Methylphenols	7.287	107	376610	48.359	ng	# 77
22) Acetophenone	7.292	105	510174	47.682	ng	97
24) Nitrobenzene	7.463	77	421988	48.833	ng	99
25) Isophorone	7.704	82	763314	51.026	ng	99
26) 2-Nitrophenol	7.781	139	195206	59.879	ng	98
27) 2,4-Dimethylphenol	7.816	122	308534	56.758	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	445939	49.202	ng	99
29) 2,4-Dichlorophenol	8.022	162	310304	50.117	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	317160	46.293	ng	99
31) Naphthalene	8.187	128	1093246	48.526	ng	100
32) Benzoic acid	7.934	122	220440	46.495	ng	100
33) 4-Chloroaniline	8.234	127	162025	21.091	ng	99
34) Hexachlorobutadiene	8.304	225	211631	49.163	ng	98
35) Caprolactam	8.610	113	56397	28.646	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	349680	51.004	ng	99
37) 2-Methylnaphthalene	8.881	142	694334	50.322	ng	100
38) 1-Methylnaphthalene	8.981	142	644168	47.585	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	331887	49.056	ng	99
41) Hexachlorocyclopentadiene	9.034	237	382117	162.321	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	242443	50.615	ng	99

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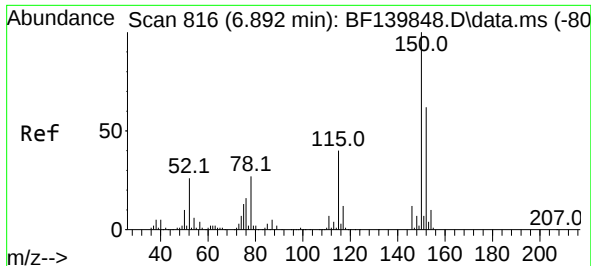
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	241760	48.921	ng	99
46) 1,1'-Biphenyl	9.345	154	845728	48.445	ng	99
47) 2-Chloronaphthalene	9.369	162	669578	47.621	ng	98
48) 2-Nitroaniline	9.469	65	247721	57.605	ng	98
49) Acenaphthylene	9.792	152	1054552	51.878	ng	99
50) Dimethylphthalate	9.651	163	803664	51.450	ng	100
51) 2,6-Dinitrotoluene	9.710	165	176490	52.184	ng	96
52) Acenaphthene	9.963	154	734613	55.865	ng	99
53) 3-Nitroaniline	9.881	138	120242	34.475	ng	96
54) 2,4-Dinitrophenol	9.992	184	186032	128.114	ng	# 1
55) Dibenzofuran	10.139	168	919276	48.725	ng	99
56) 4-Nitrophenol	10.045	139	284253	105.933	ng	93
57) 2,4-Dinitrotoluene	10.122	165	243168	58.467	ng	96
58) Fluorene	10.480	166	713514	49.653	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	201098	51.908	ng	99
60) Diethylphthalate	10.357	149	792783	51.692	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	359435	49.530	ng	98
62) 4-Nitroaniline	10.504	138	177917	54.011	ng	96
63) Azobenzene	10.633	77	941594	57.911	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	128815	69.617	ng	98
66) n-Nitrosodiphenylamine	10.592	169	661283	48.706	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	230172	49.253	ng	97
68) Hexachlorobenzene	11.028	284	250093	47.584	ng	98
69) Atrazine	11.122	200	219710	59.739	ng	99
70) Pentachlorophenol	11.227	266	300666	94.258	ng	99
71) Phenanthrene	11.445	178	1043455	48.697	ng	100
72) Anthracene	11.498	178	1057230	50.569	ng	100
73) Carbazole	11.651	167	926239	47.637	ng	99
74) Di-n-butylphthalate	11.980	149	1188190	52.893	ng	100
75) Fluoranthene	12.639	202	1039398	47.983	ng	99
77) Benzidine	12.763	184	323149	87.896	ng	98
78) Pyrene	12.869	202	1044880	53.389	ng	100
80) Butylbenzylphthalate	13.486	149	434089	73.982	ng	96
81) Benzo(a)anthracene	14.063	228	727202	49.963	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	168586	39.727	ng	97
83) Chrysene	14.098	228	683337	51.206	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	546086	82.954	ng	99
85) Di-n-octyl phthalate	14.668	149	775336	64.753	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	765016	51.155	ng	98
88) Benzo(b)fluoranthene	15.127	252	713676	50.398	ng	100
89) Benzo(k)fluoranthene	15.157	252	573519	46.962	ng	100
90) Benzo(a)pyrene	15.504	252	630220	54.087	ng	100
91) Dibenzo(a,h)anthracene	17.121	278	624384	50.048	ng	98
92) Benzo(g,h,i)perylene	17.562	276	554578	44.503	ng	98

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

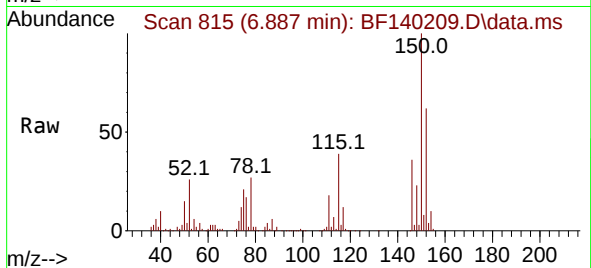
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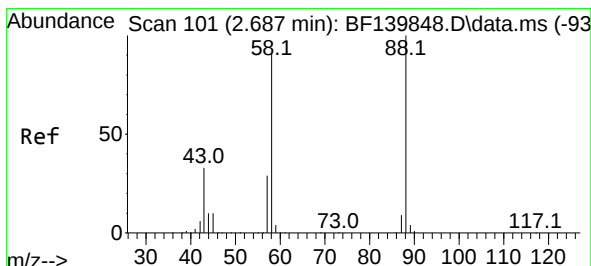
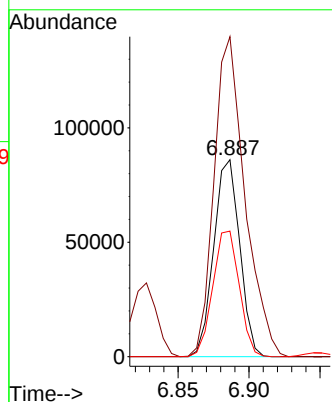
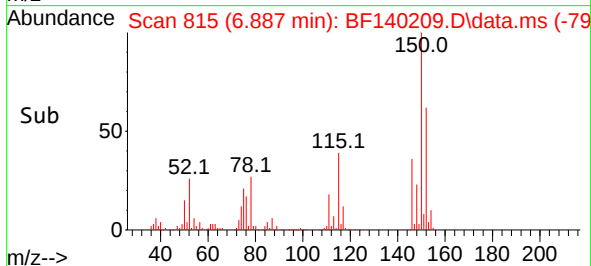


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.005 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

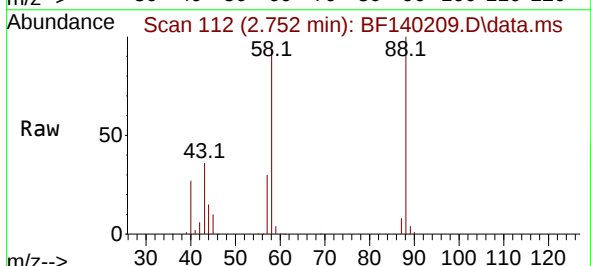
Instrument :
BNA_F
ClientSampleId :



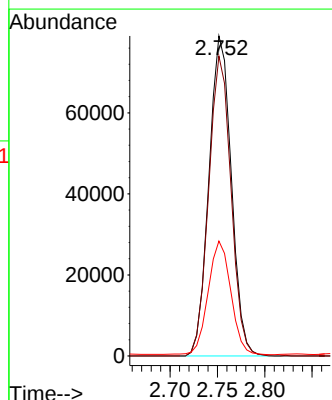
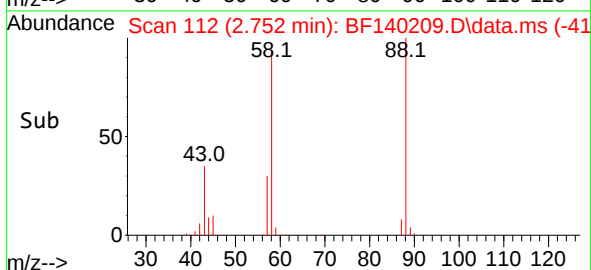
Tgt Ion:152 Resp: 109344
Ion Ratio Lower Upper
152 100
150 162.5 130.2 195.2
115 63.8 51.4 77.2

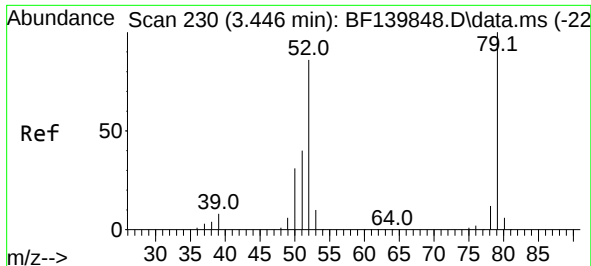


#2
1,4-Dioxane
Concen: 39.888 ng
RT: 2.752 min Scan# 112
Delta R.T. 0.065 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



Tgt Ion: 88 Resp: 129899
Ion Ratio Lower Upper
88 100
58 93.3 73.3 109.9
43 36.0 27.1 40.7

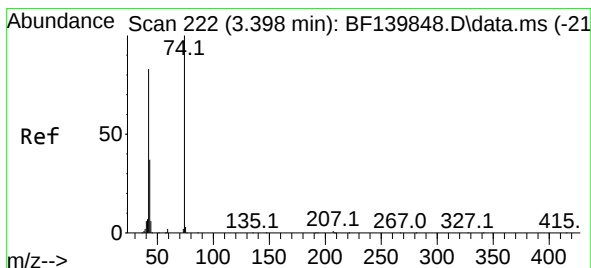
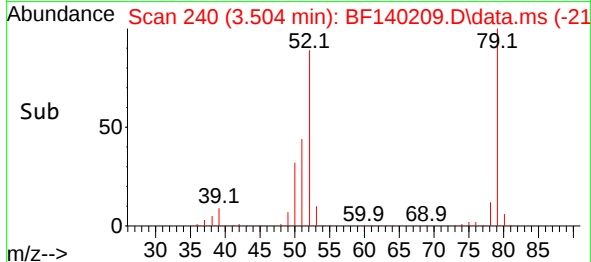
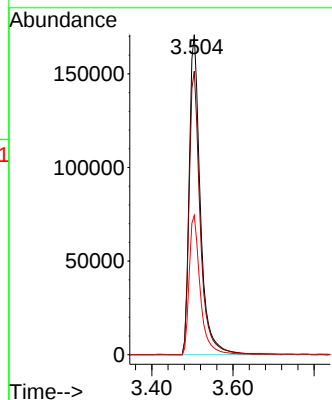
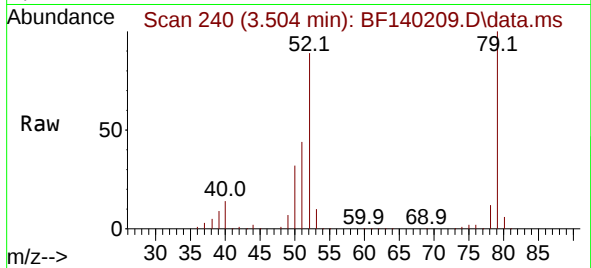




#3
Pyridine
Concen: 40.195 ng
RT: 3.504 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

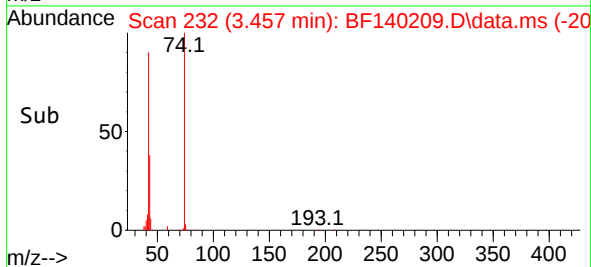
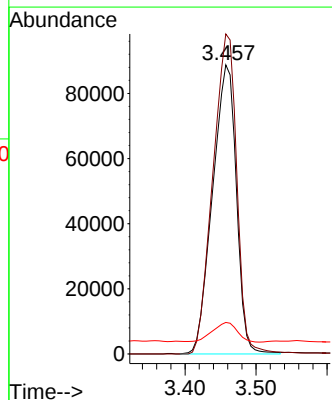
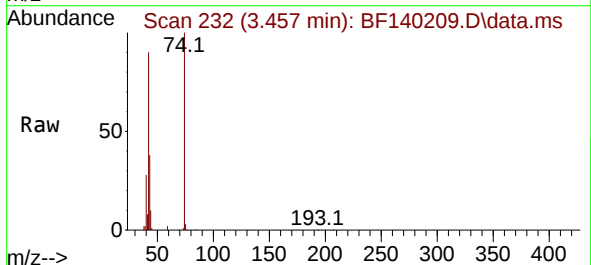
Instrument :
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ClientSampleId :

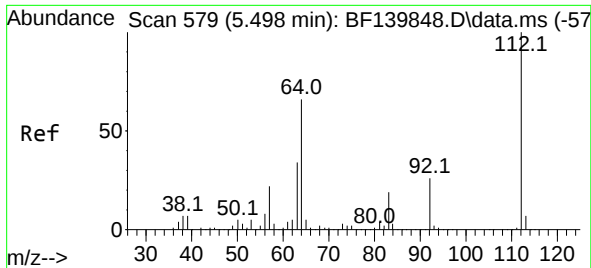
Tgt Ion: 79 Resp: 324457
Ion Ratio Lower Upper
79 100
52 88.6 68.5 102.7
51 43.5 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 47.651 ng
RT: 3.457 min Scan# 232
Delta R.T. 0.059 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion: 42 Resp: 206659
Ion Ratio Lower Upper
42 100
74 110.7 96.2 144.4
44 10.9 6.2 9.2#

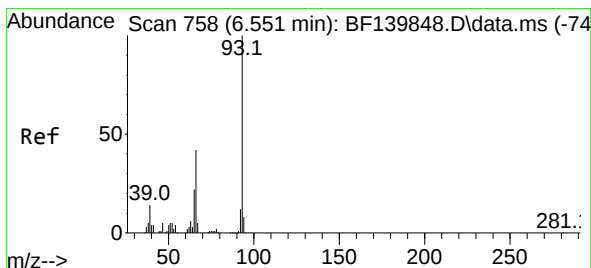
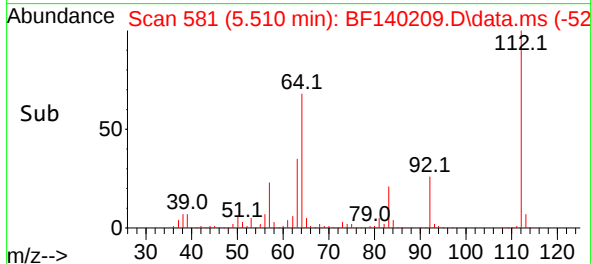
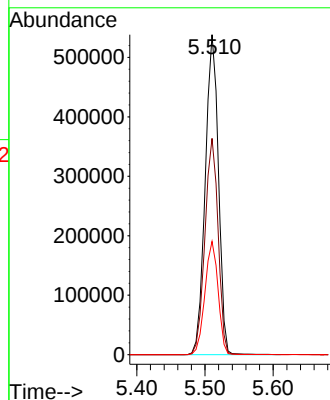
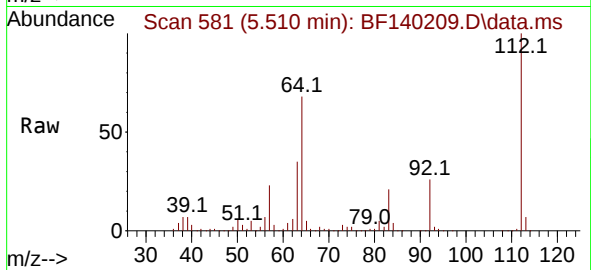




#5
2-Fluorophenol
Concen: 103.793 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

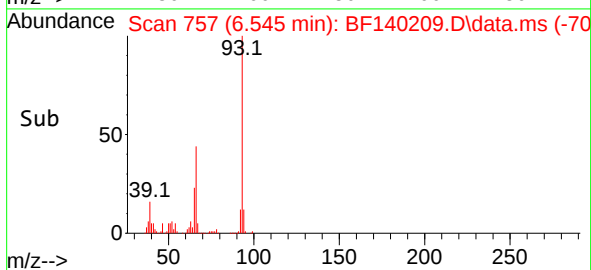
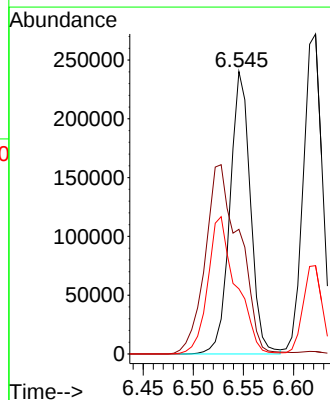
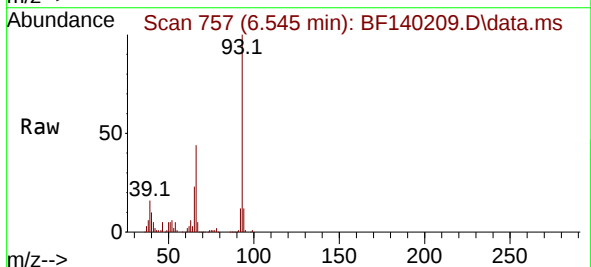
Instrument :
BNA_F
ClientSampleId :

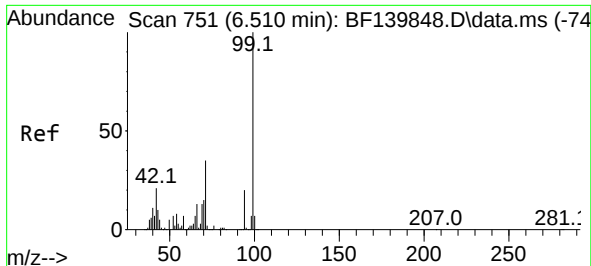
Tgt Ion:112 Resp: 724961
Ion Ratio Lower Upper
112 100
64 67.6 53.0 79.6
63 35.4 27.0 40.4



#6
Aniline
Concen: 40.424 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

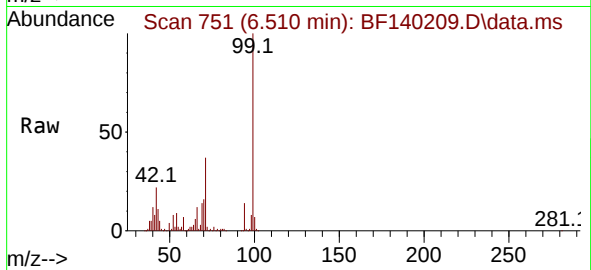
Tgt Ion: 93 Resp: 340812
Ion Ratio Lower Upper
93 100
66 44.1 34.0 51.0
65 23.1 17.4 26.0



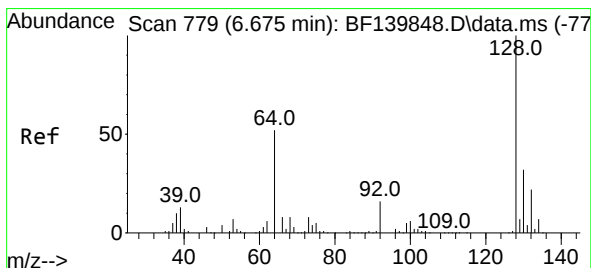
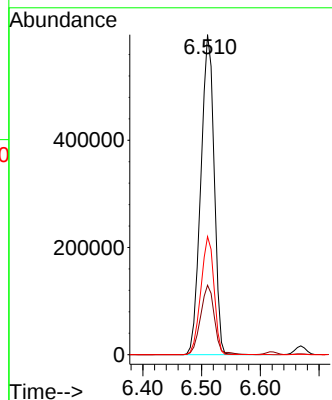
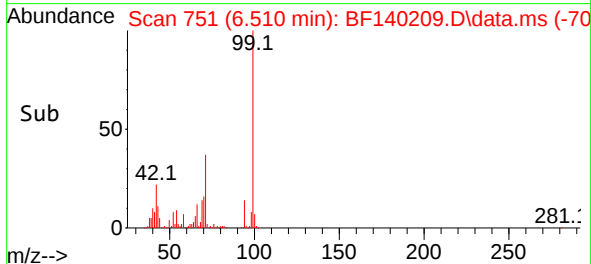


#7
Phenol-d6
Concen: 103.977 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
BNA_F
ClientSampleId :

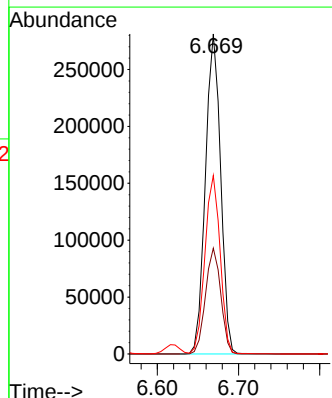
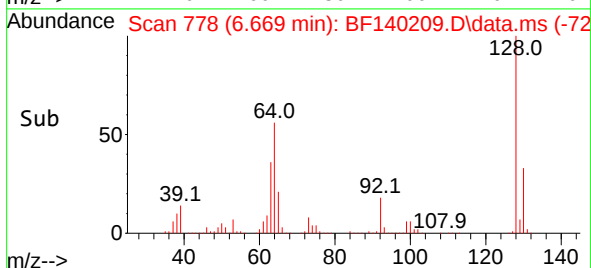
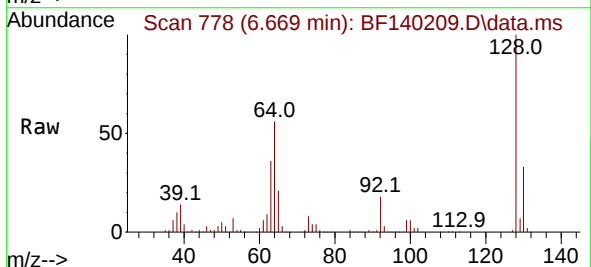


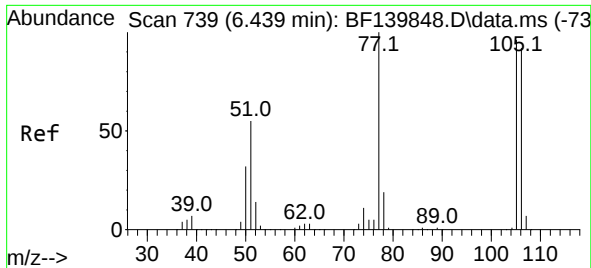
Tgt Ion: 99 Resp: 940607
Ion Ratio Lower Upper
99 100
42 21.7 16.7 25.1
71 36.9 27.7 41.5



#8
2-Chlorophenol
Concen: 51.227 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion: 128 Resp: 365786
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 55.8 34.6 74.6

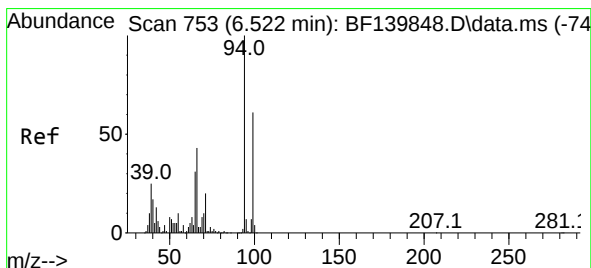
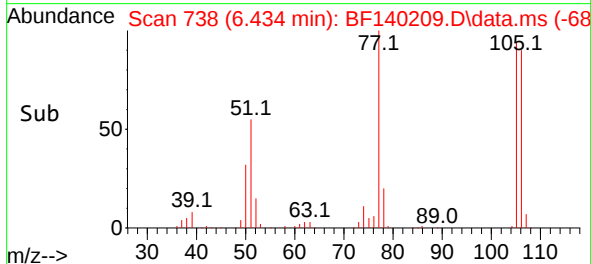
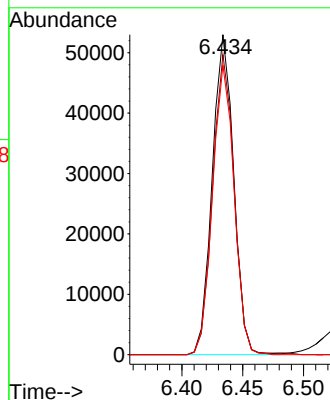
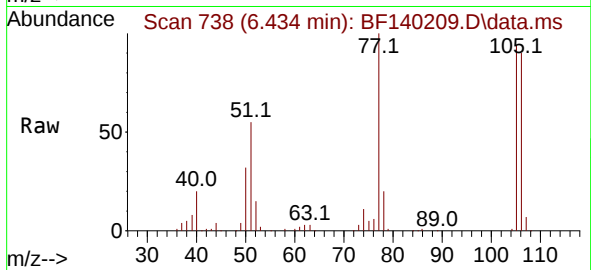




#9
Benzaldehyde
Concen: 12.743 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

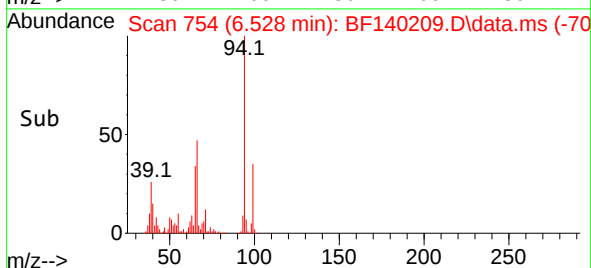
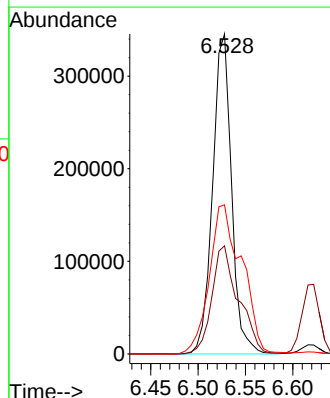
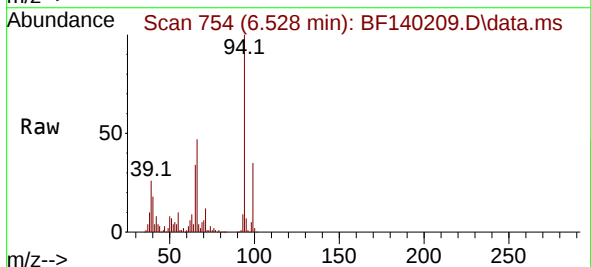
Instrument :
BNA_F
ClientSampleId :

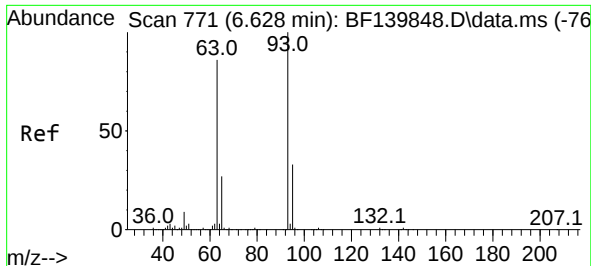
Tgt Ion: 77 Resp: 64850
Ion Ratio Lower Upper
77 100
105 93.8 75.5 115.5
106 90.4 71.7 111.7



#10
Phenol
Concen: 51.424 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

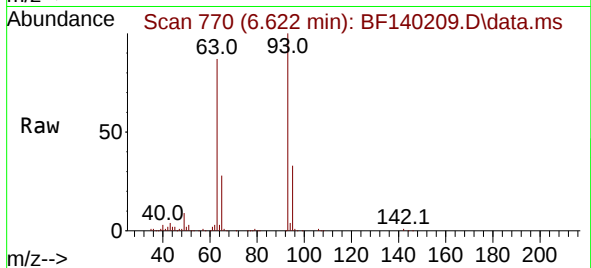
Tgt Ion: 94 Resp: 479589
Ion Ratio Lower Upper
94 100
65 33.8 11.1 51.1
66 46.6 22.7 62.7



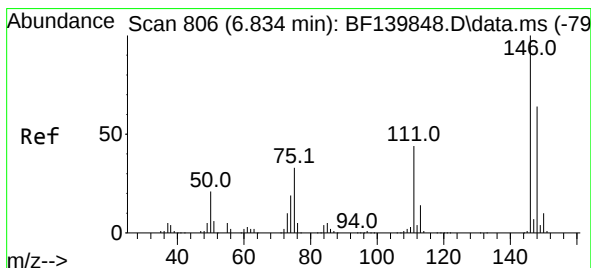
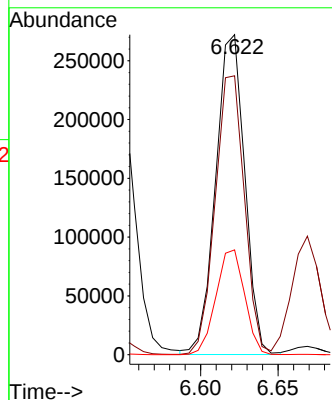
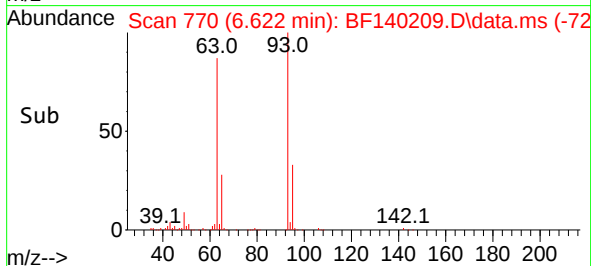


#11
bis(2-Chloroethyl)ether
Concen: 49.330 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
BNA_F
ClientSampleId :

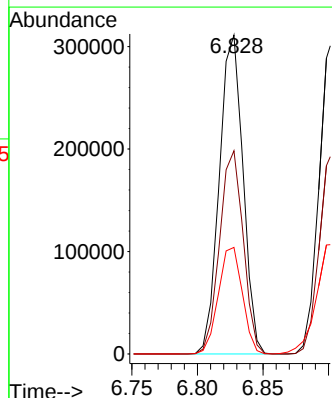
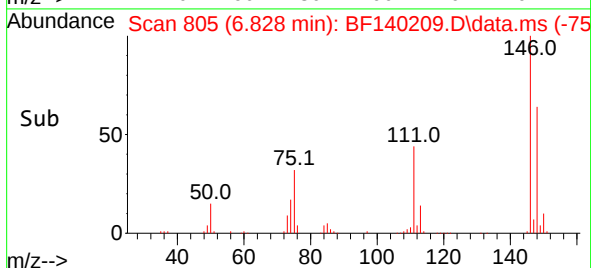
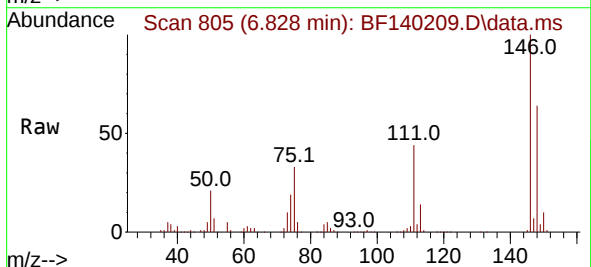


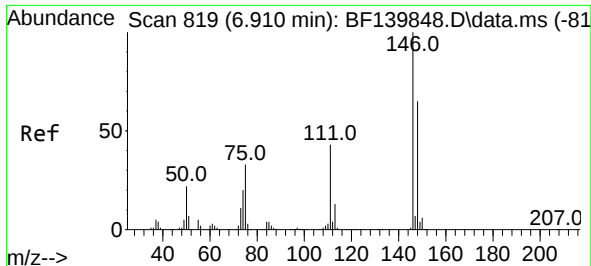
Tgt Ion: 93 Resp: 355594
Ion Ratio Lower Upper
93 100
63 87.2 65.0 105.0
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.607 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion: 146 Resp: 390215
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 33.4 26.4 39.6

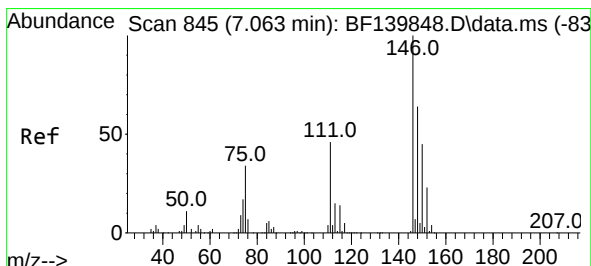
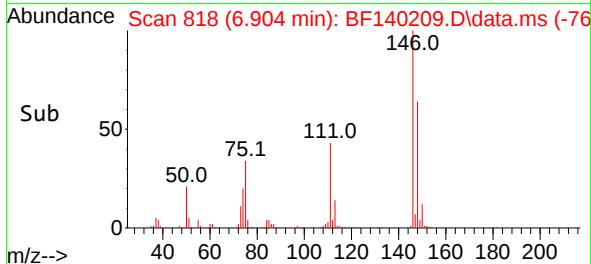
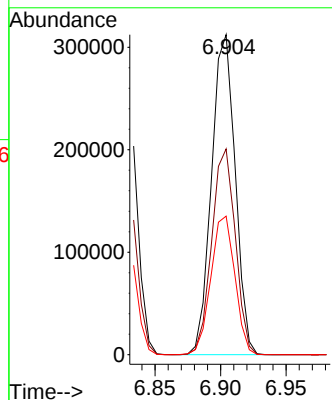
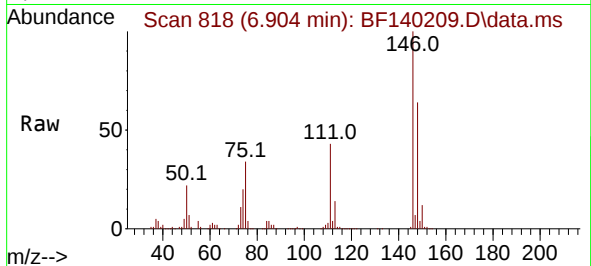




#13
1,4-Dichlorobenzene
Concen: 47.886 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

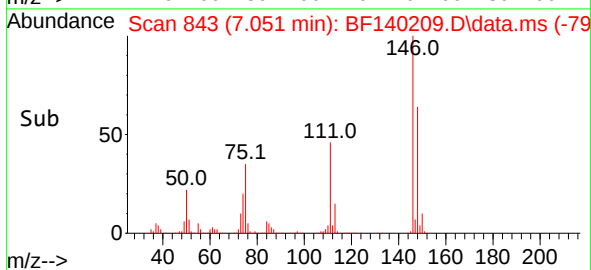
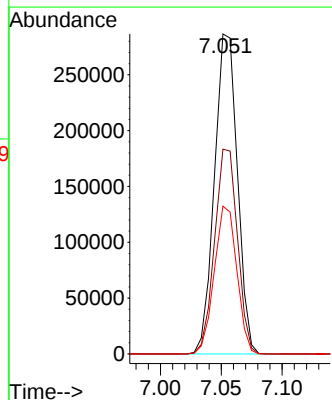
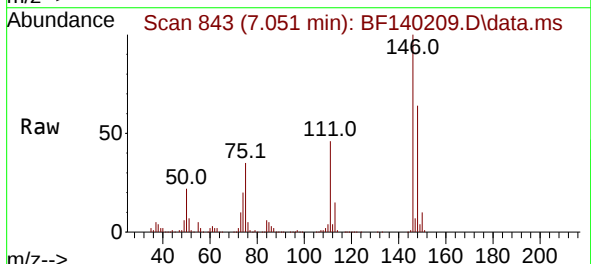
Instrument :
BNA_F
ClientSampleId :

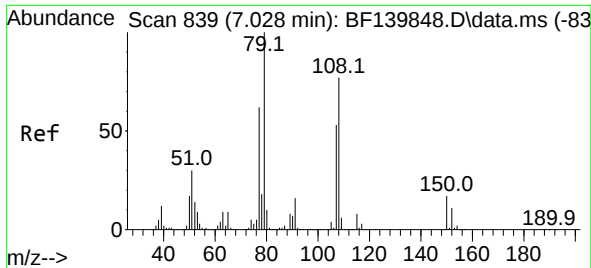
Tgt Ion:146 Resp: 392139
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 43.3 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 49.170 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:146 Resp: 375795
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 46.2 36.7 55.1

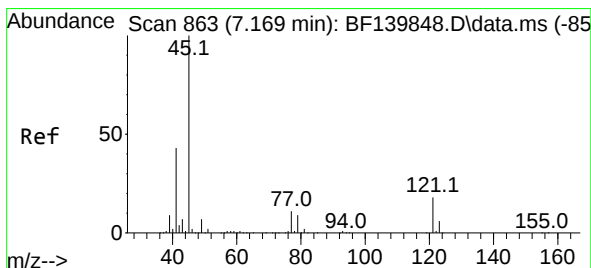
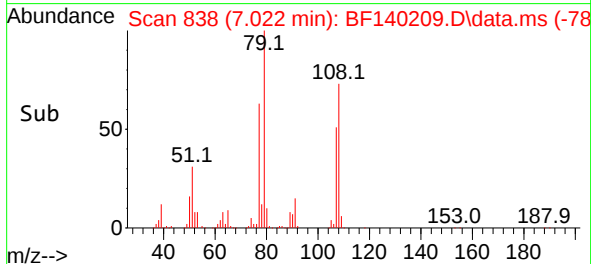
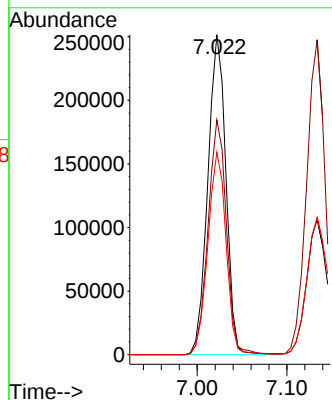
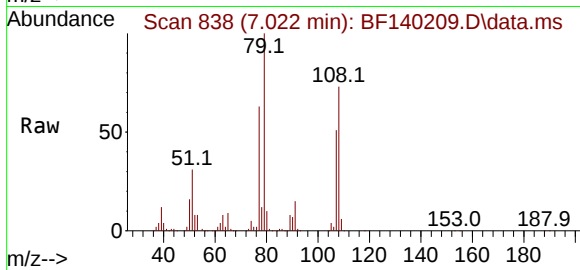




#15
Benzyl Alcohol
Concen: 53.015 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

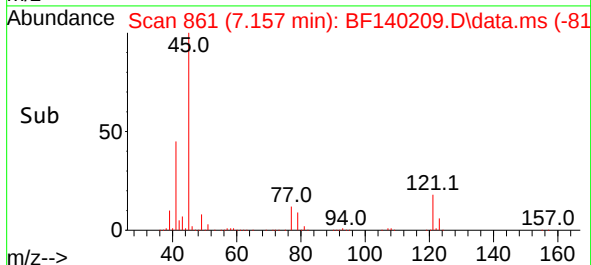
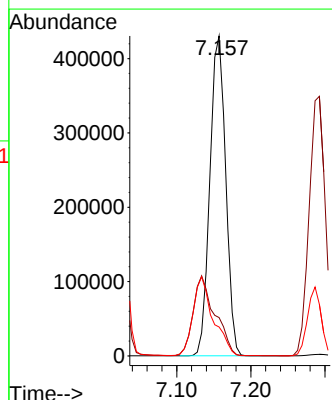
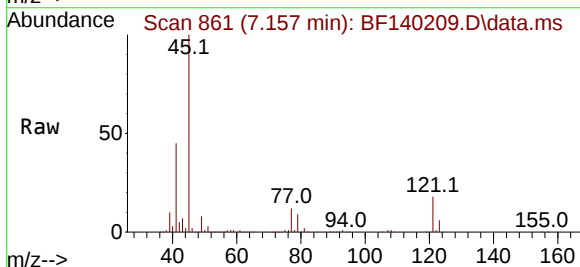
Instrument :
BNA_F
ClientSampleId :

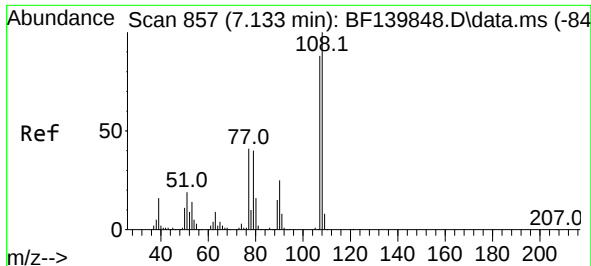
Tgt Ion: 79 Resp: 351797
Ion Ratio Lower Upper
79 100
108 73.4 61.4 92.0
77 63.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.943 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

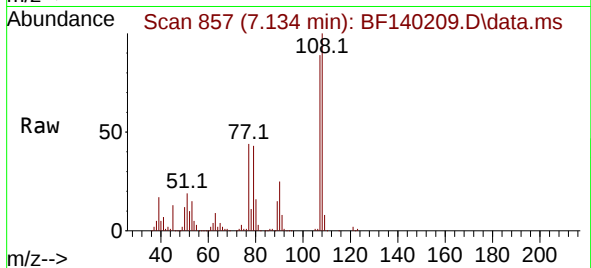
Tgt Ion: 45 Resp: 638462
Ion Ratio Lower Upper
45 100
77 12.0 0.0 31.5
79 9.0 0.0 29.1



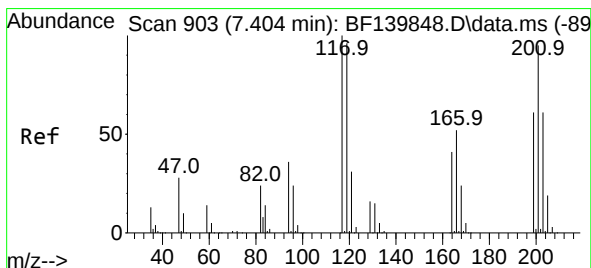
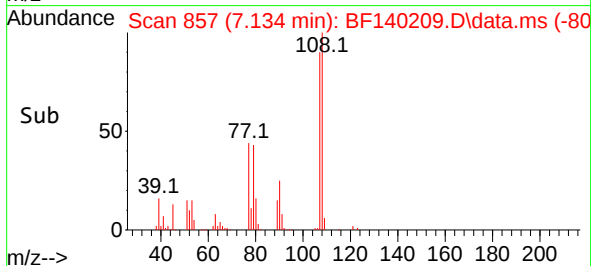
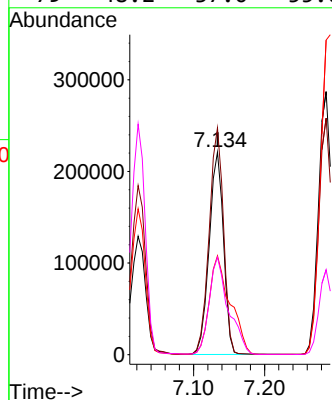


#17
2-Methylphenol
Concen: 51.017 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
BNA_F
ClientSampleId :

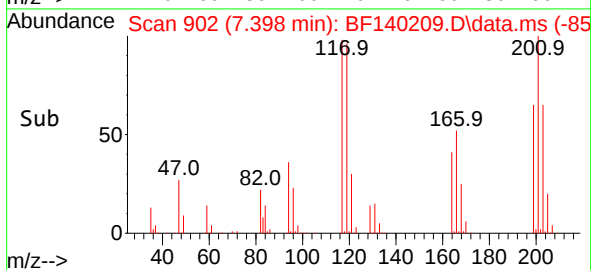
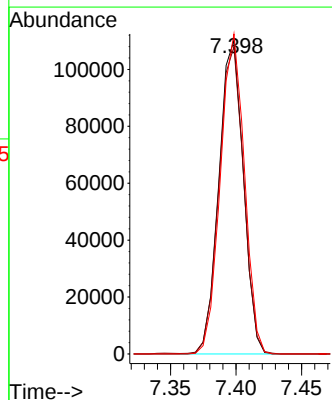
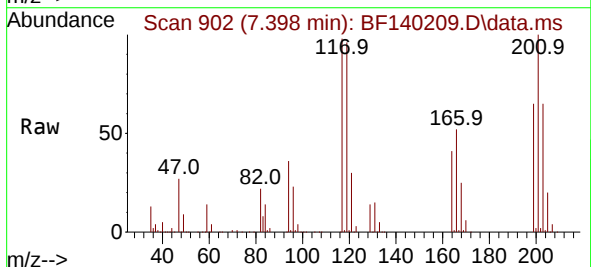


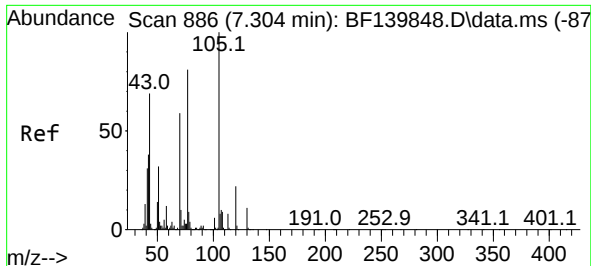
Tgt Ion:	107	Resp:	310623
Ion	Ratio	Lower	Upper
107	100		
108	112.0	91.3	136.9
77	48.8	37.1	55.7
79	48.2	37.0	55.6



#18
Hexachloroethane
Concen: 48.867 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

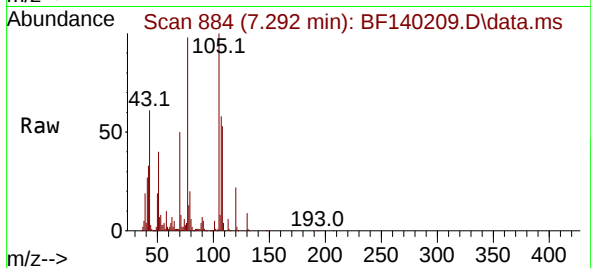
Tgt Ion:	117	Resp:	142700
Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.0	115.4
201	102.1	76.2	114.4





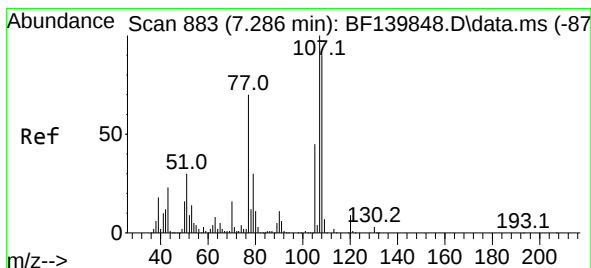
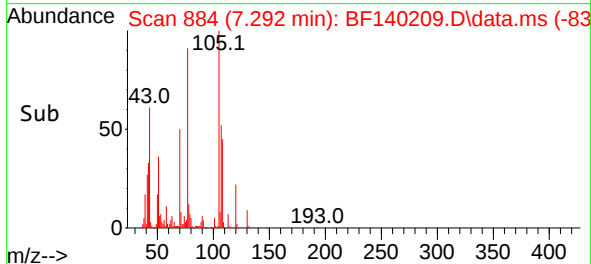
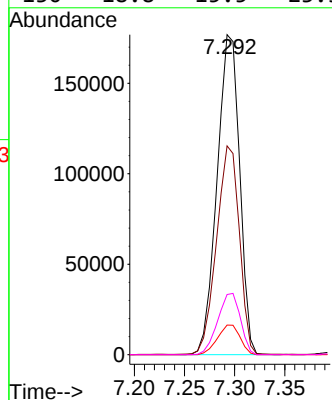
#19
n-Nitroso-di-n-propylamine
Concen: 50.403 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 70 Resp: 276540

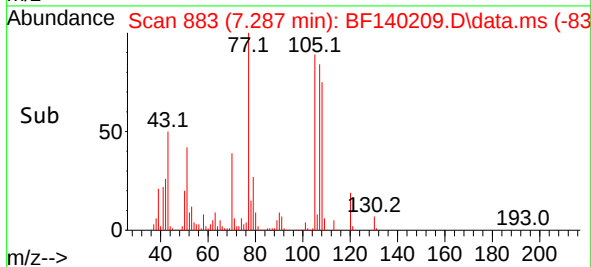
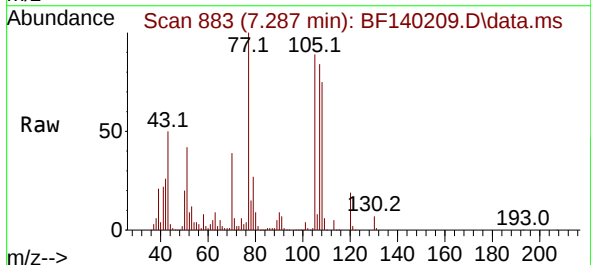
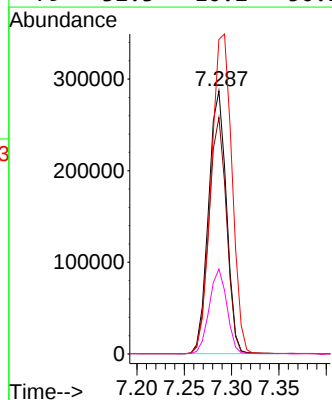
Ion	Ratio	Lower	Upper
70	100		
42	65.3	51.5	77.3
101	9.3	7.5	11.3
130	18.8	15.5	23.3

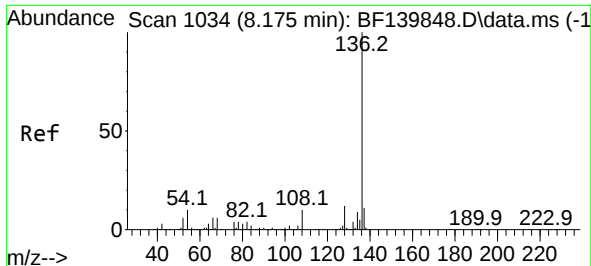


#20
3+4-Methylphenols
Concen: 48.359 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion: 107 Resp: 376610

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.8	109.8
77	119.5	50.5	90.5#
79	32.3	10.2	50.2



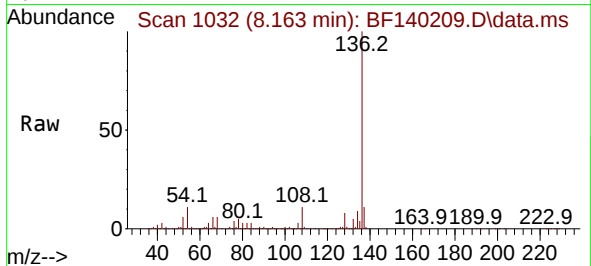


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :

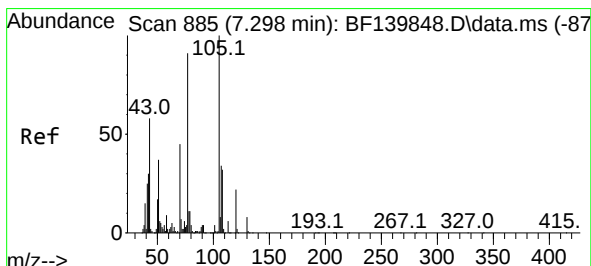
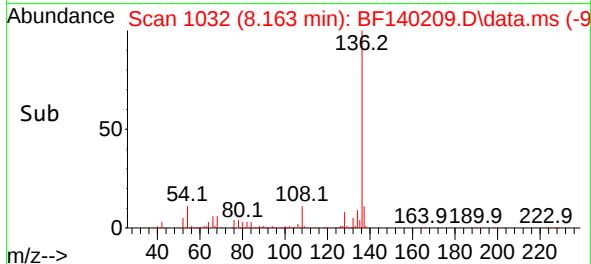
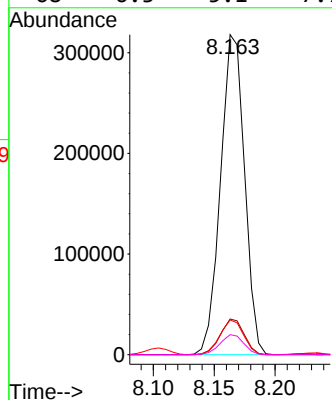
BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 436831

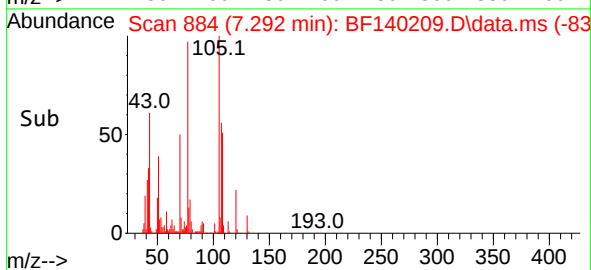
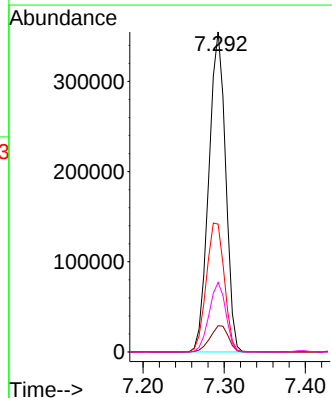
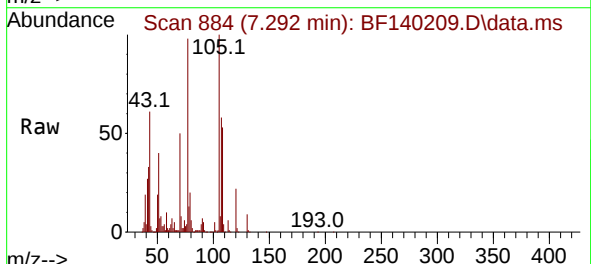
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.8	8.4	12.6
68	6.3	5.1	7.7

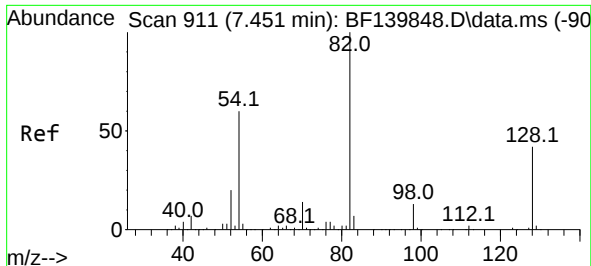


#22
Acetophenone
Concen: 47.682 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:105 Resp: 510174

Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.9	8.9
51	39.9	29.4	44.2
120	21.7	17.5	26.3





#23

Nitrobenzene-d5

Concen: 81.433 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

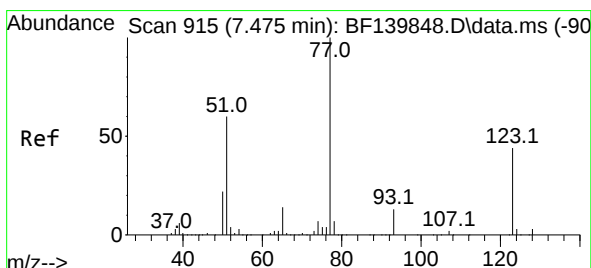
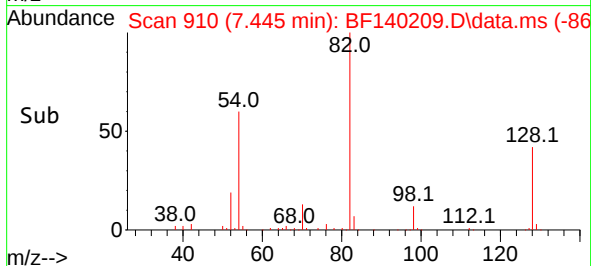
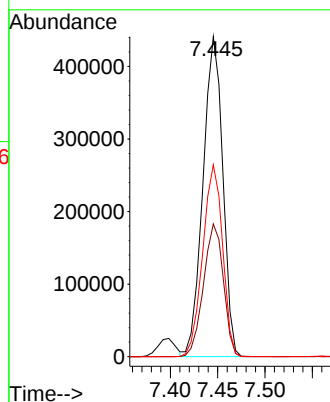
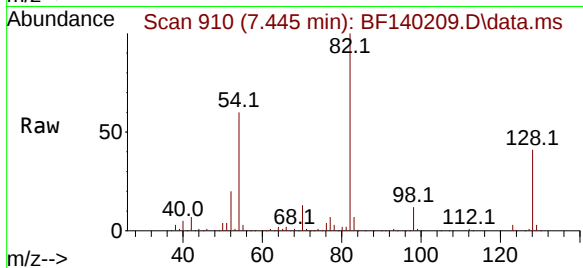
Tgt Ion: 82 Resp: 641831

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.0

54 59.9 47.8 71.8



#24

Nitrobenzene

Concen: 48.833 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

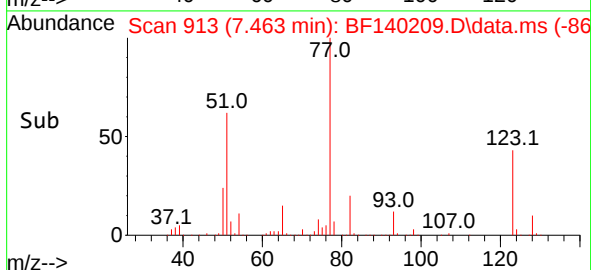
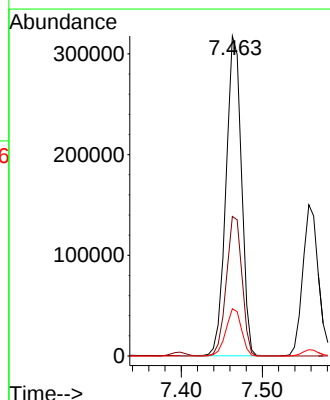
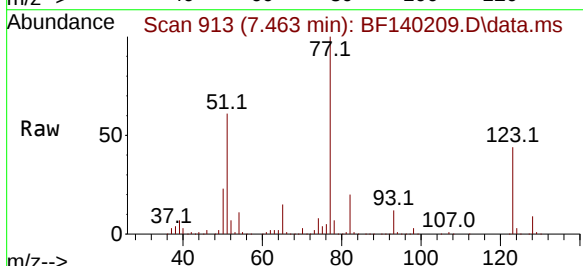
Tgt Ion: 77 Resp: 421988

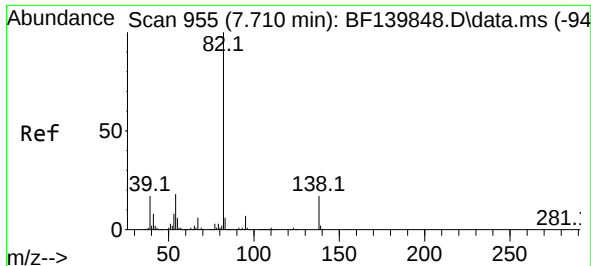
Ion Ratio Lower Upper

77 100

123 43.6 35.7 53.5

65 14.8 11.5 17.3

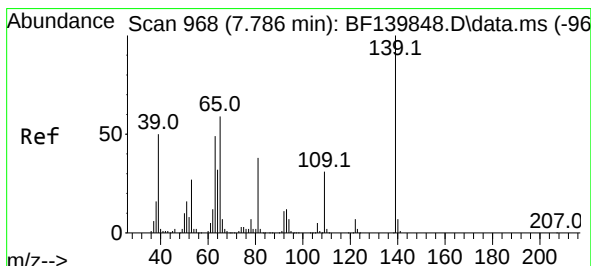
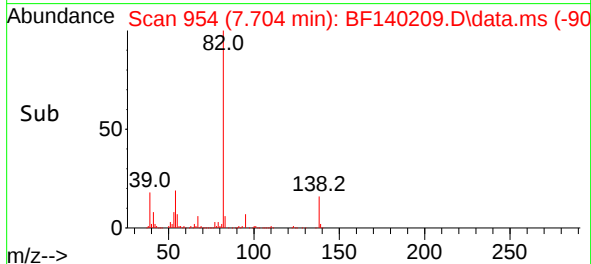
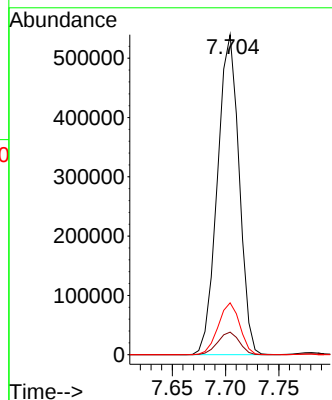
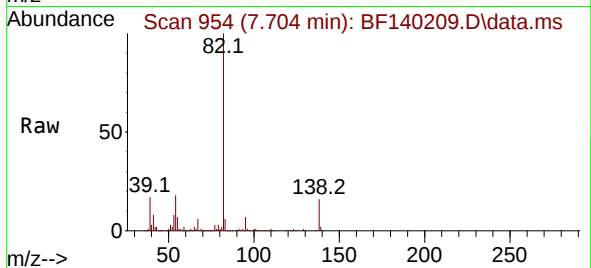




#25
Isophorone
Concen: 51.026 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

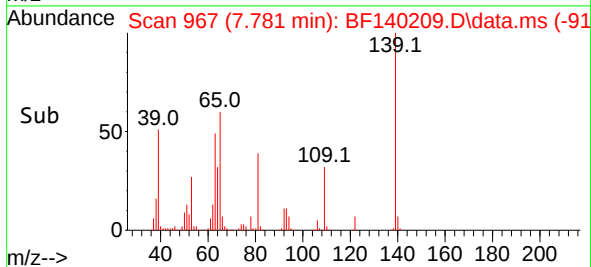
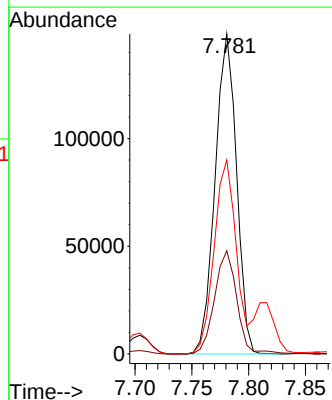
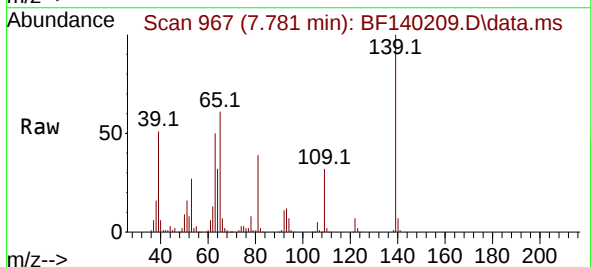
Instrument :
BNA_F
ClientSampleId :

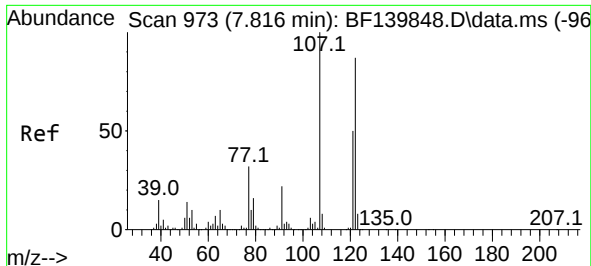
Tgt Ion: 82 Resp: 763314
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.2 13.2 19.8



#26
2-Nitrophenol
Concen: 59.879 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:139 Resp: 195206
Ion Ratio Lower Upper
139 100
109 32.2 25.1 37.7
65 60.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 56.758 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

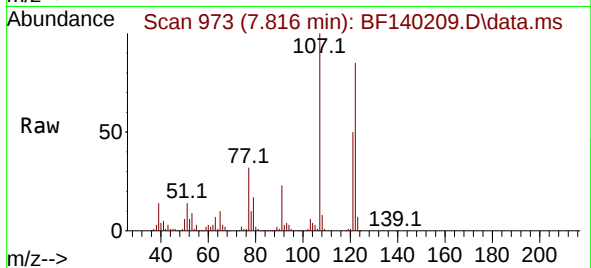
Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :



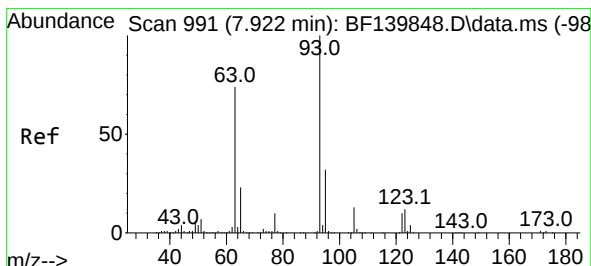
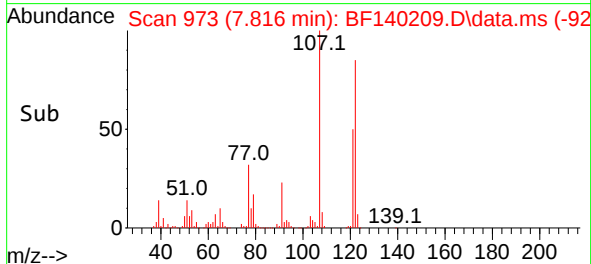
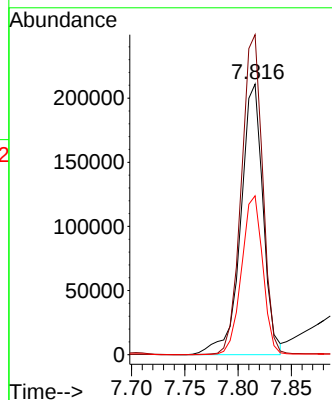
Tgt Ion:122 Resp: 308534

Ion Ratio Lower Upper

122 100

107 118.3 91.9 137.9

121 58.7 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 49.202 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

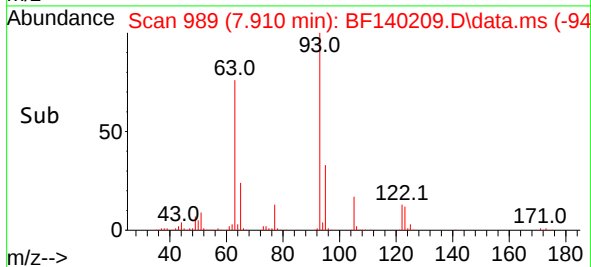
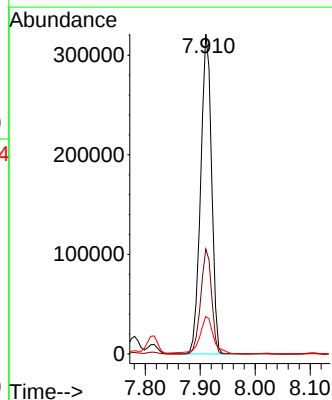
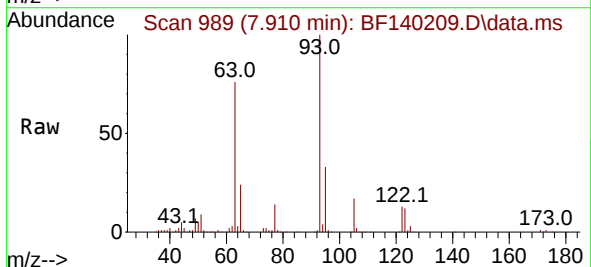
Tgt Ion: 93 Resp: 445939

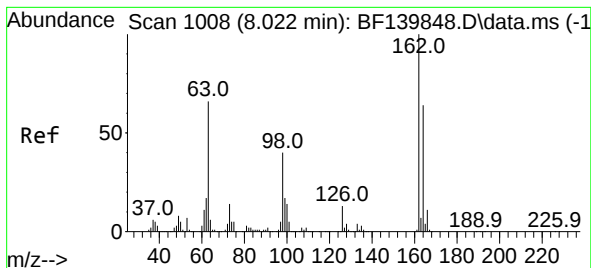
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.7 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.117 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

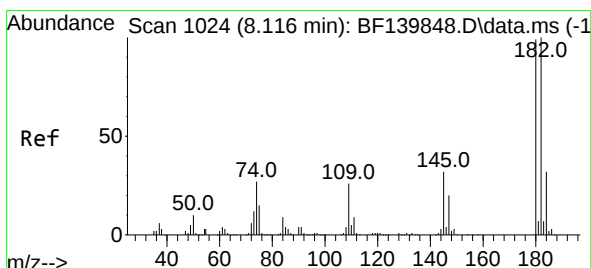
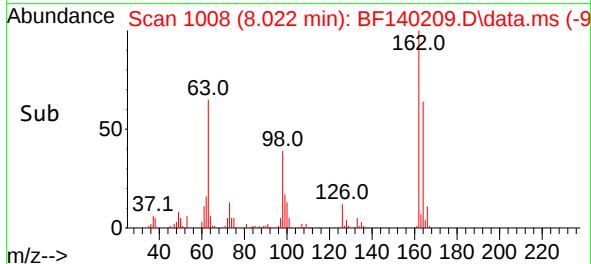
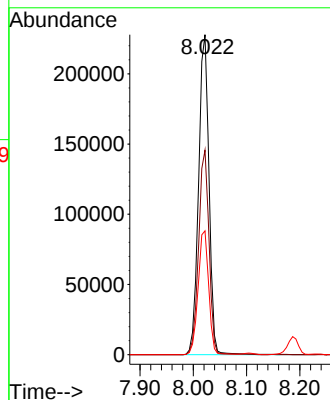
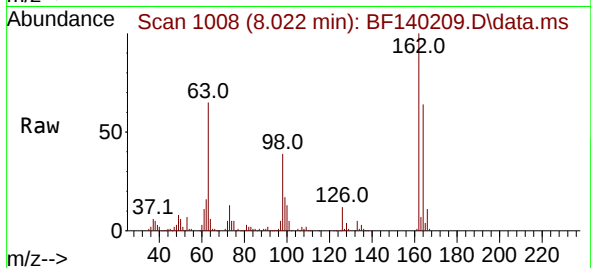
Tgt Ion:162 Resp: 310304

Ion Ratio Lower Upper

162 100

164 63.9 43.9 83.9

98 38.7 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 46.293 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

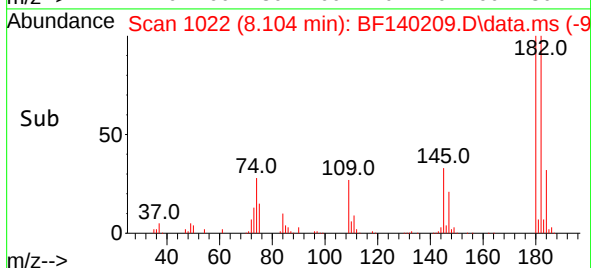
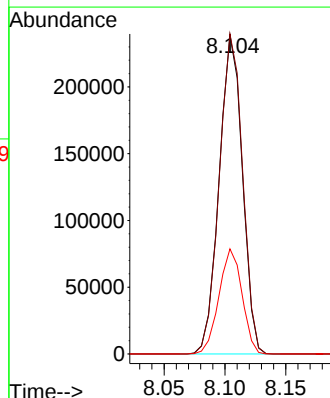
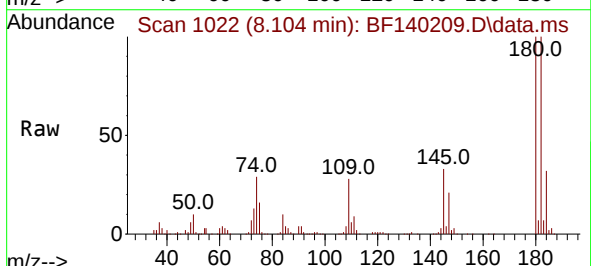
Tgt Ion:180 Resp: 317160

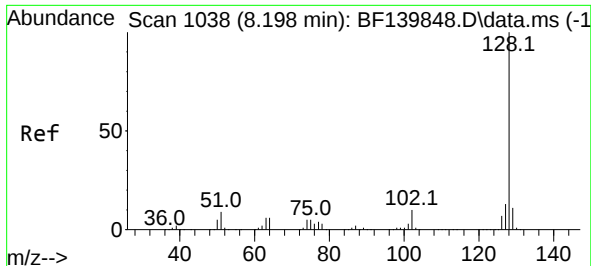
Ion Ratio Lower Upper

180 100

182 100.4 80.5 120.7

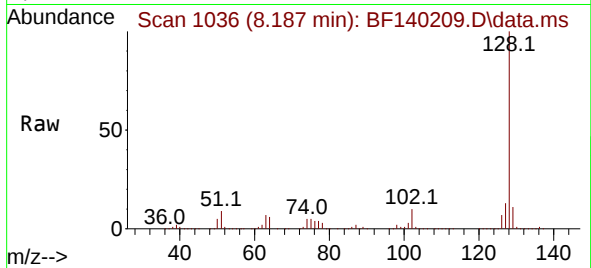
145 33.0 25.4 38.0



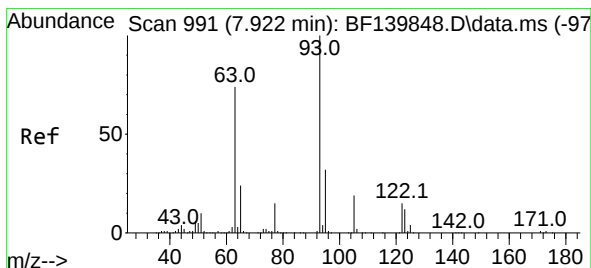
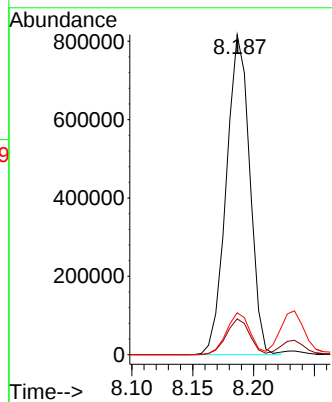
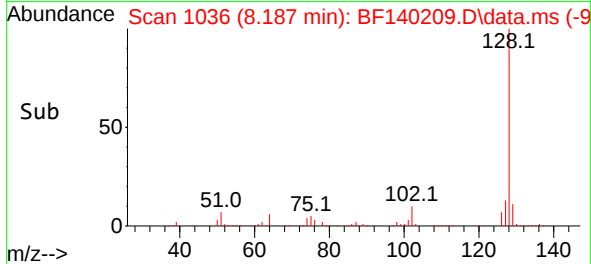


#31
Naphthalene
Concen: 48.526 ng
RT: 8.187 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

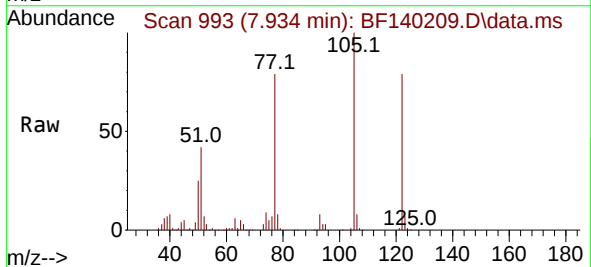
Instrument :
BNA_F
ClientSampleId :



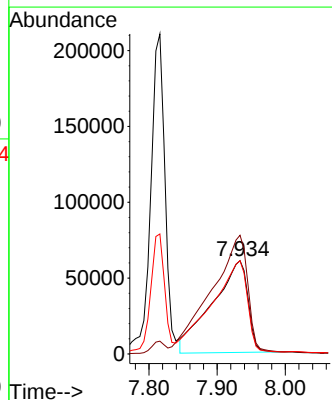
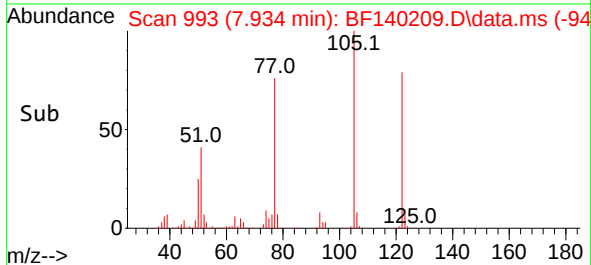
Tgt Ion:128 Resp: 1093246
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.6 16.0

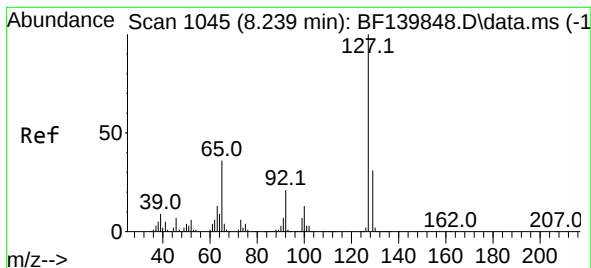


#32
Benzoic acid
Concen: 46.495 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27



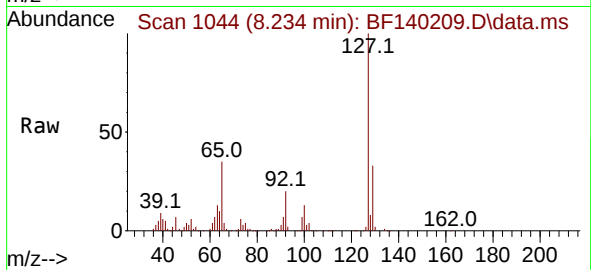
Tgt Ion:122 Resp: 220440
Ion Ratio Lower Upper
122 100
105 127.3 107.6 147.6
77 100.0 80.2 120.2



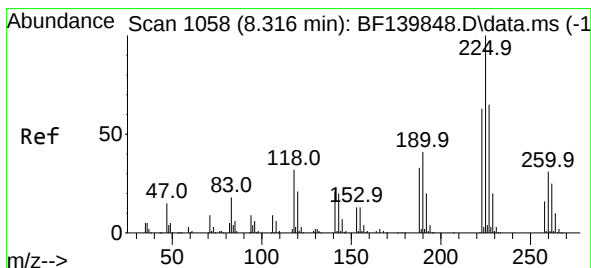
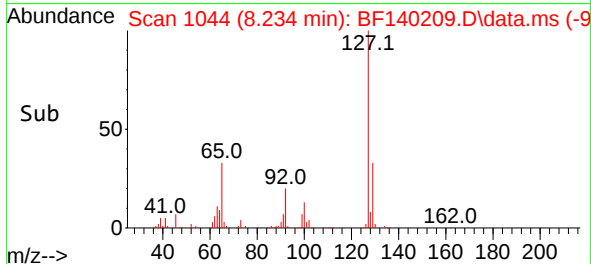
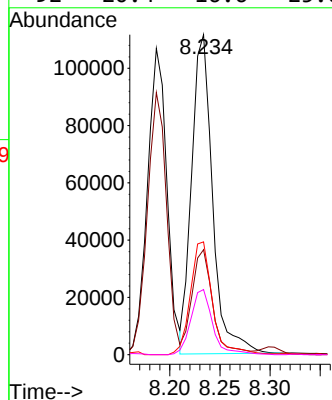


#33
4-Chloroaniline
Concen: 21.091 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
BNA_F
ClientSampleId :

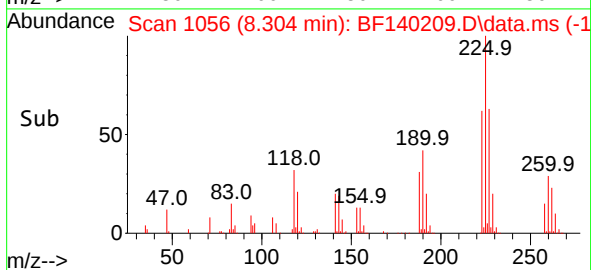
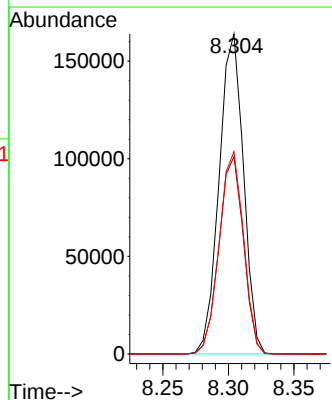
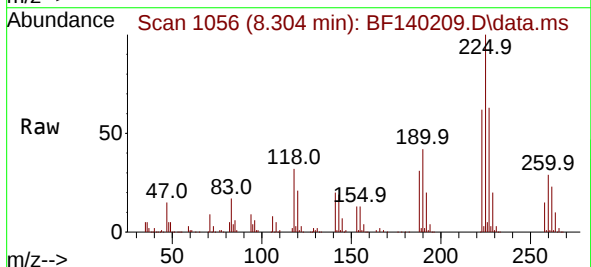


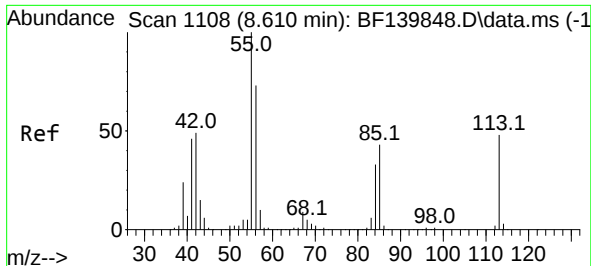
Tgt Ion:	127	Resp:	162025
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	35.3	28.4	42.6
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 49.163 ng
RT: 8.304 min Scan# 1056
Delta R.T. -0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:	225	Resp:	211631
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	63.3	51.8	77.8

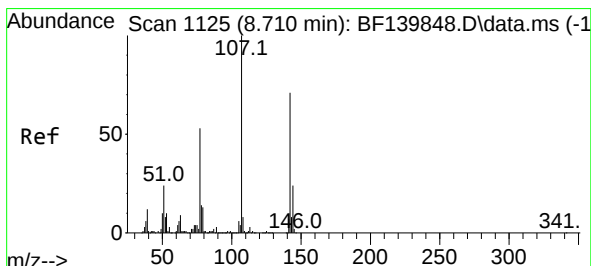
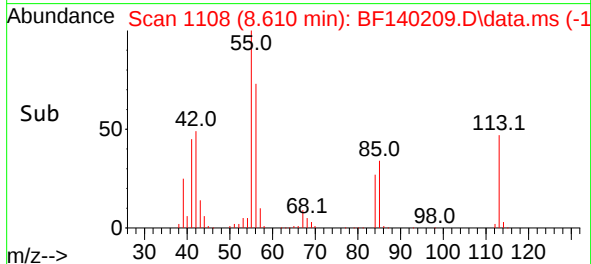
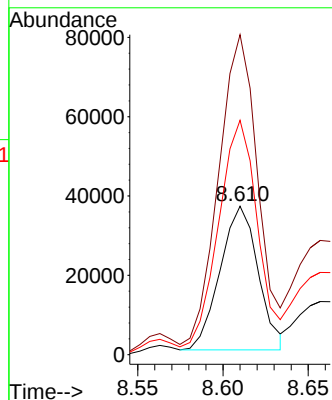
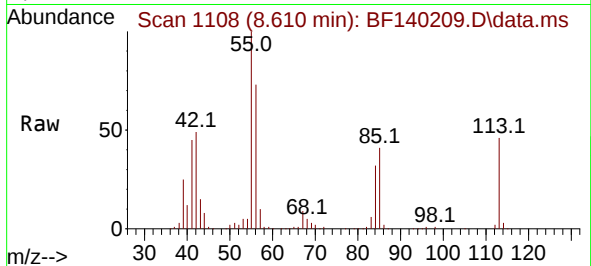




#35
 Caprolactam
 Concen: 28.646 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27

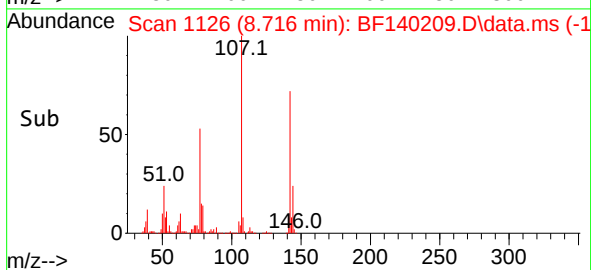
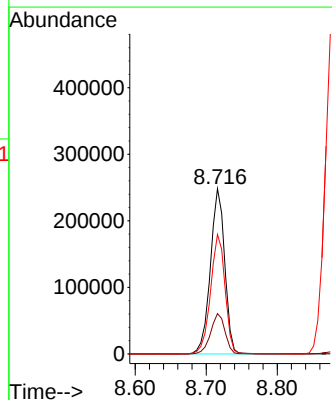
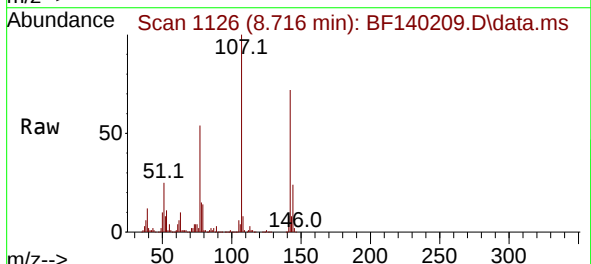
Instrument :
 BNA_F
 ClientSampleId :

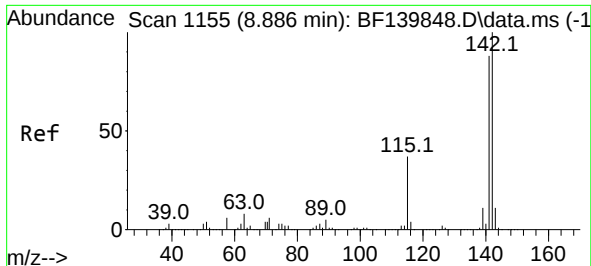
Tgt Ion:113 Resp: 56397
 Ion Ratio Lower Upper
 113 100
 55 215.4 189.2 229.2
 56 157.8 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.004 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140209.D
 Acq: 01 Nov 2024 14:27

Tgt Ion:107 Resp: 349680
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.1 28.7
 142 72.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 50.322 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

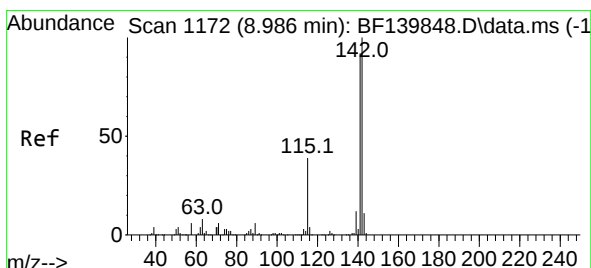
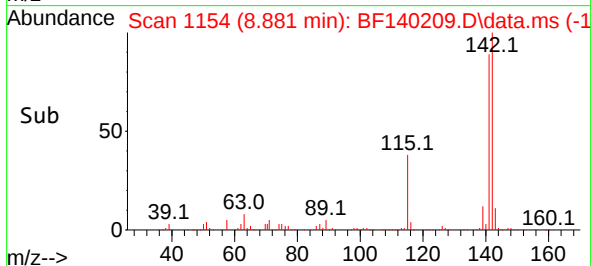
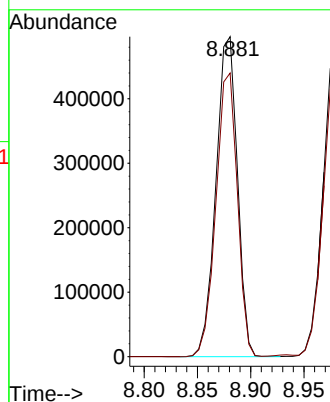
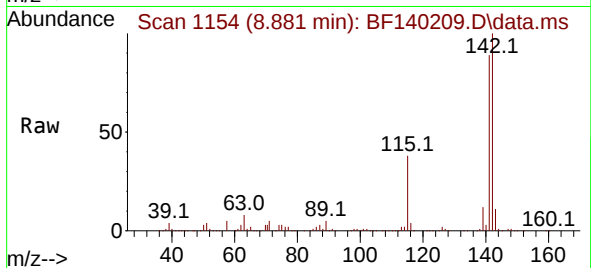
ClientSampleId :

Tgt Ion:142 Resp: 694334

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2



#38

1-Methylnaphthalene

Concen: 47.585 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140209.D

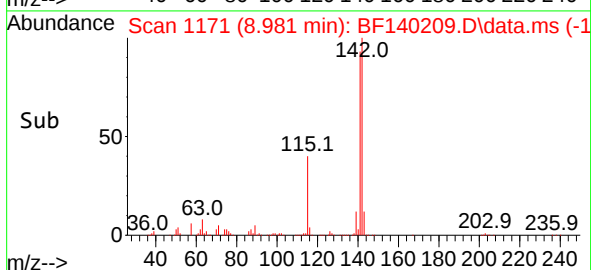
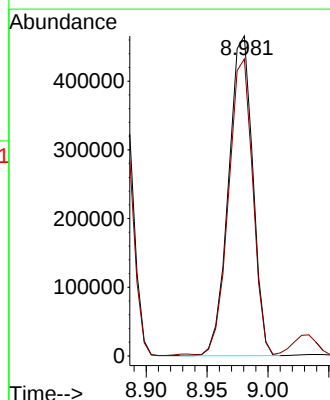
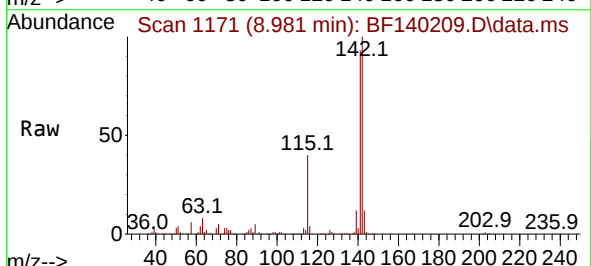
Acq: 01 Nov 2024 14:27

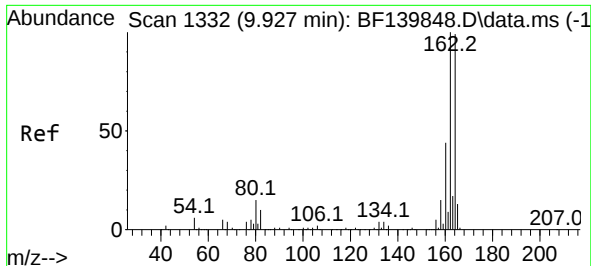
Tgt Ion:142 Resp: 644168

Ion Ratio Lower Upper

142 100

141 92.8 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. 0.001 min

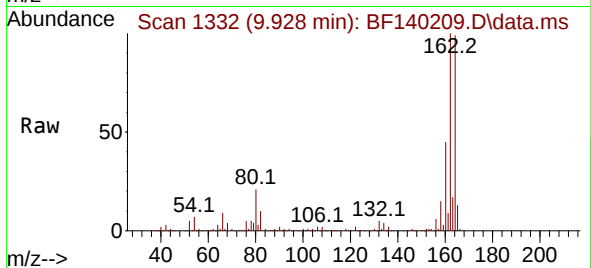
Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :



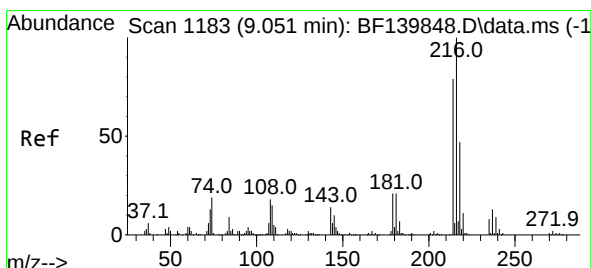
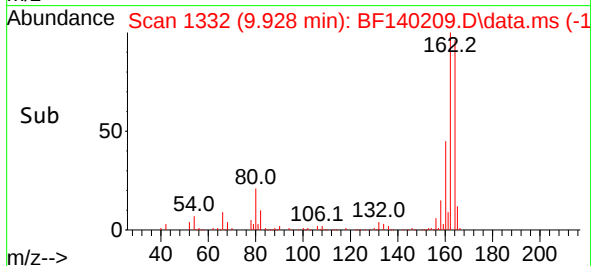
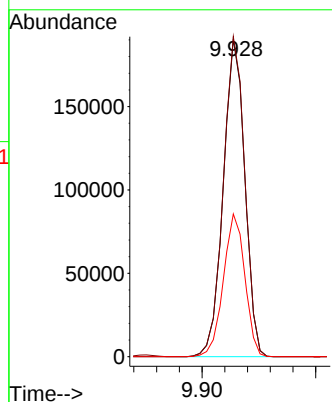
Tgt Ion:164 Resp: 250775

Ion Ratio Lower Upper

164 100

162 100.8 81.0 121.4

160 45.0 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.056 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Tgt Ion:216 Resp: 331887

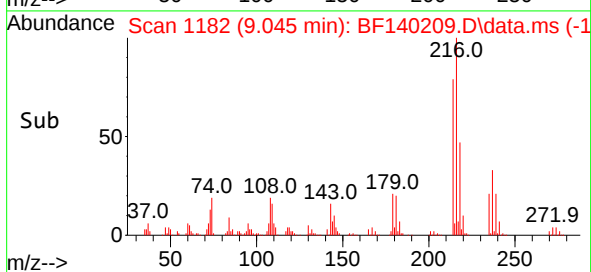
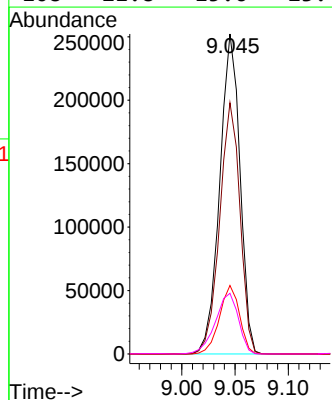
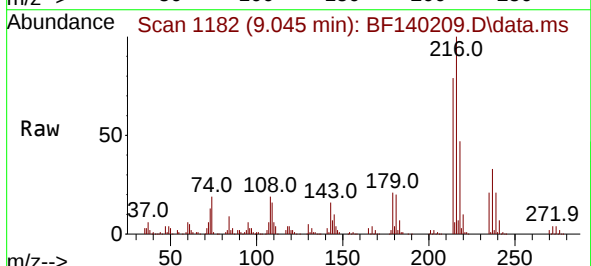
Ion Ratio Lower Upper

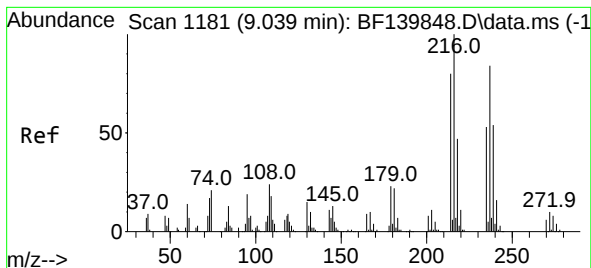
216 100

214 78.8 63.4 95.0

179 21.3 17.2 25.8

108 21.8 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 162.321 ng

RT: 9.034 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

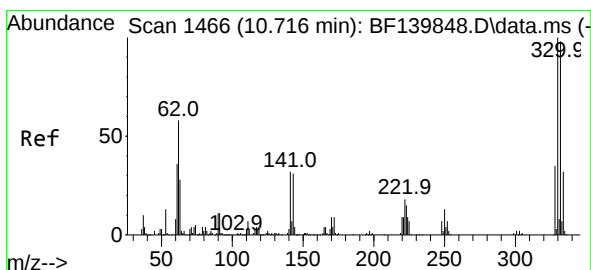
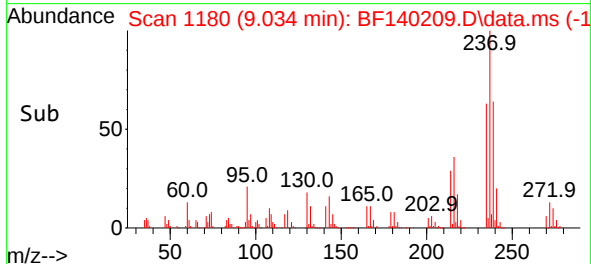
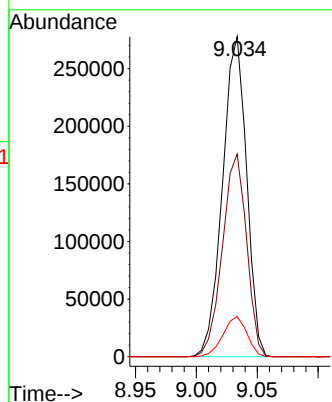
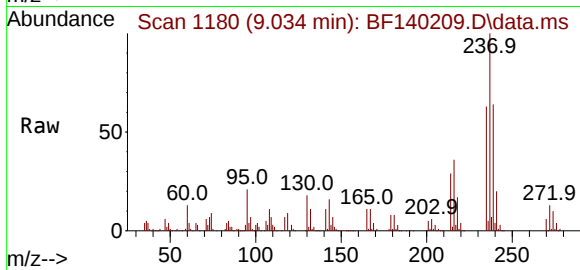
Tgt Ion:237 Resp: 382117

Ion Ratio Lower Upper

237 100

235 63.3 42.9 82.9

272 12.5 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 111.146 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

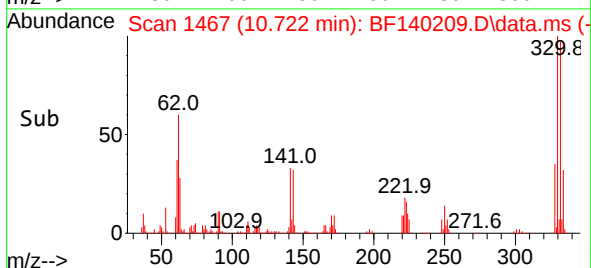
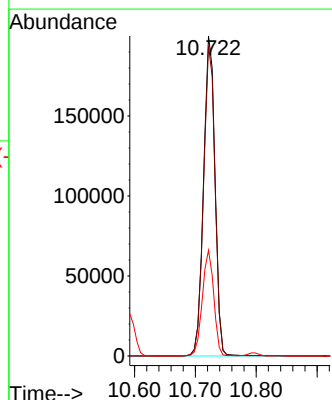
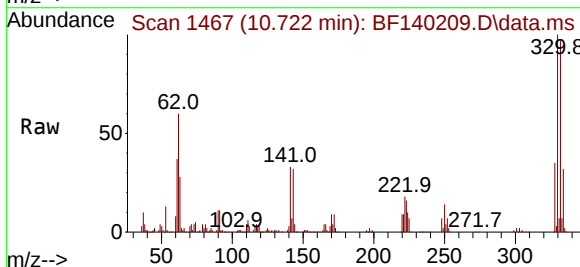
Tgt Ion:330 Resp: 260711

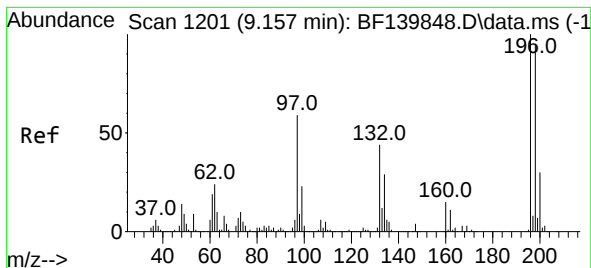
Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 33.0 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 50.615 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

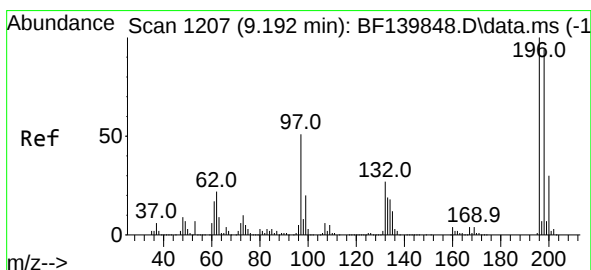
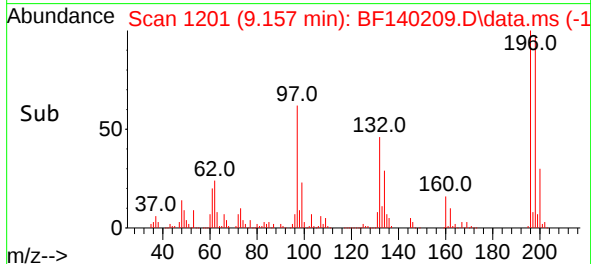
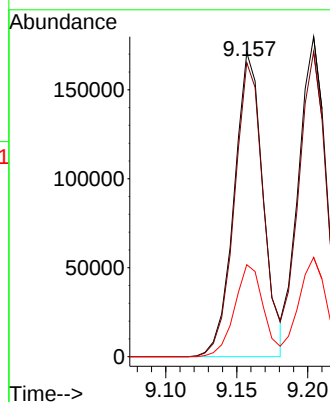
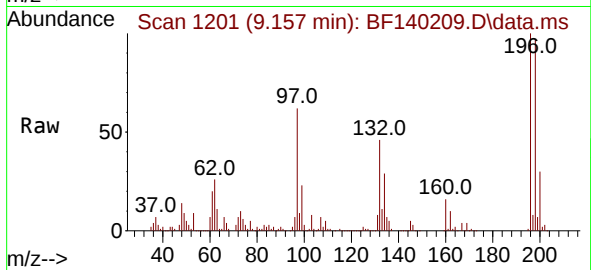
Tgt Ion:196 Resp: 242443

Ion Ratio Lower Upper

196 100

198 96.7 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 48.921 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Tgt Ion:196 Resp: 241760

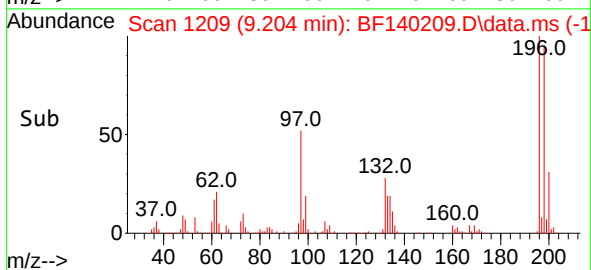
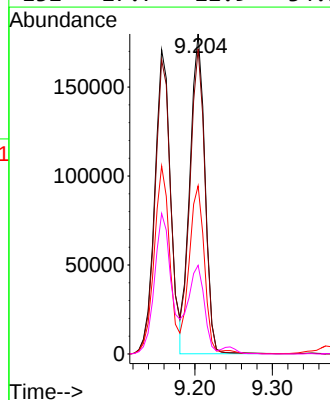
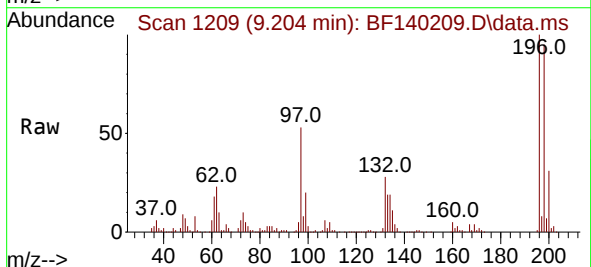
Ion Ratio Lower Upper

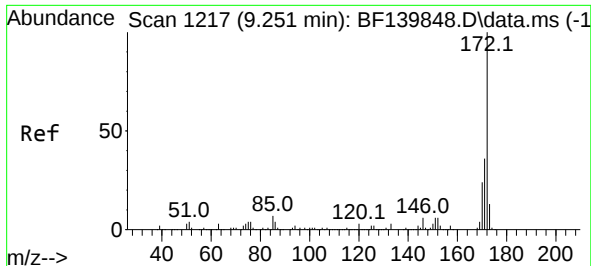
196 100

198 95.4 75.8 113.6

97 52.5 41.8 62.6

132 27.7 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 75.904 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

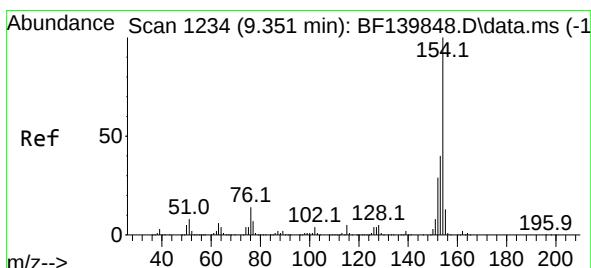
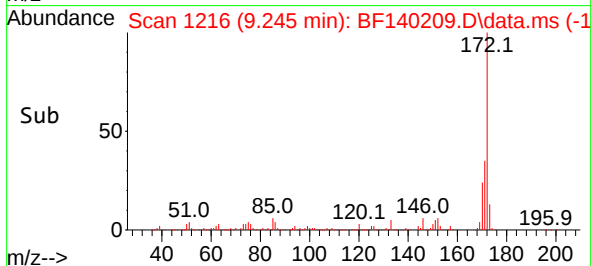
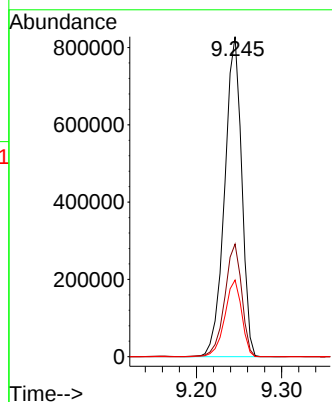
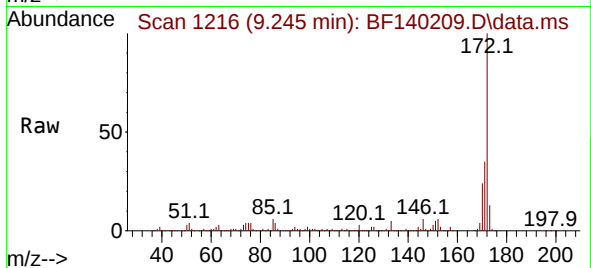
Tgt Ion:172 Resp: 1151750

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 48.445 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

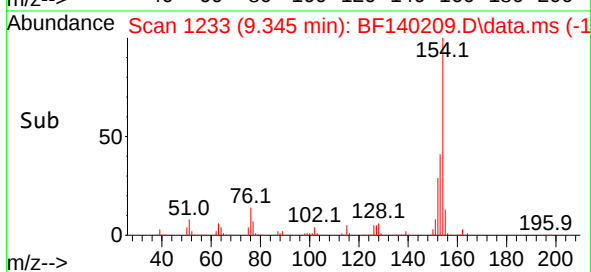
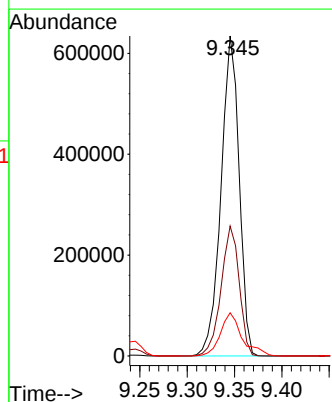
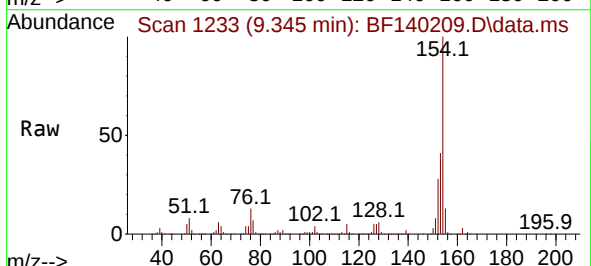
Tgt Ion:154 Resp: 845728

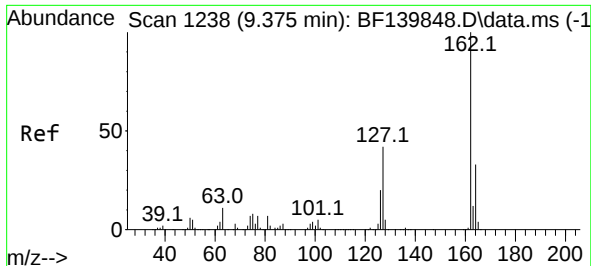
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 47.621 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

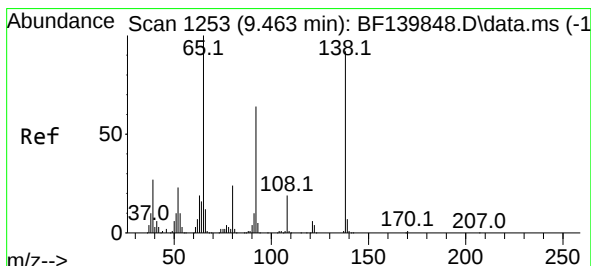
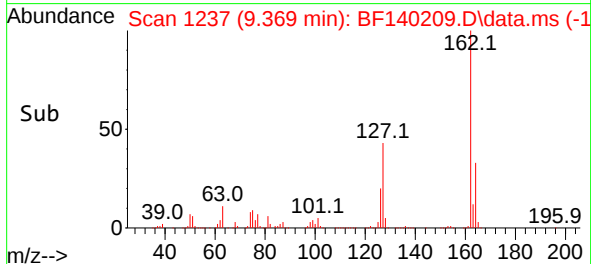
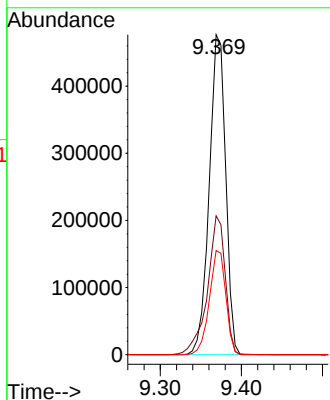
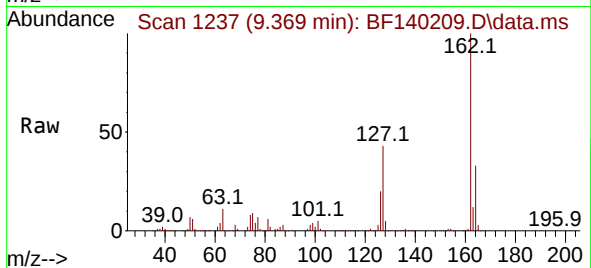
Tgt Ion:162 Resp: 669578

Ion Ratio Lower Upper

162 100

127 43.4 33.8 50.6

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 57.605 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

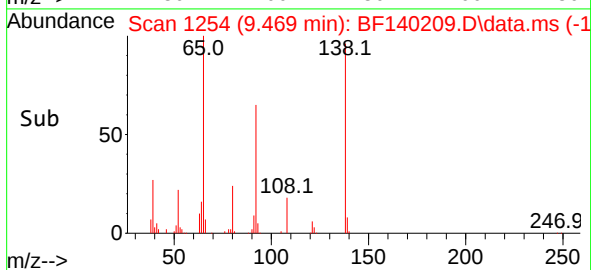
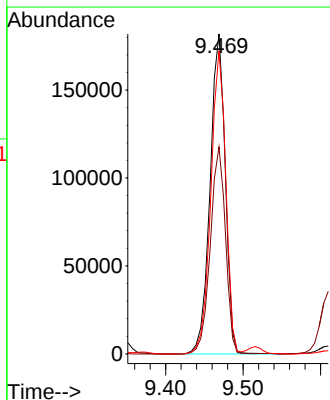
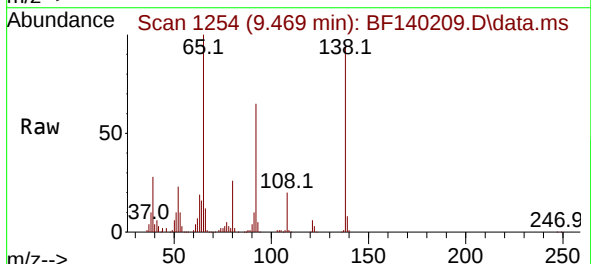
Tgt Ion: 65 Resp: 247721

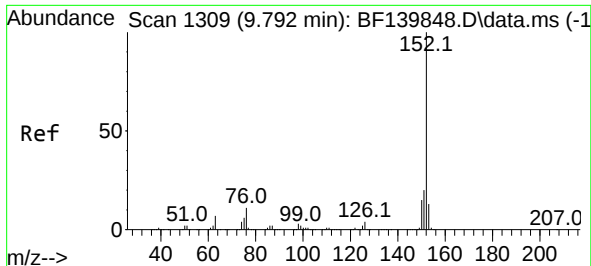
Ion Ratio Lower Upper

65 100

92 64.7 50.9 76.3

138 94.7 73.4 110.0

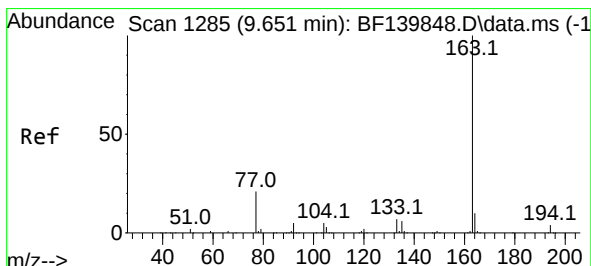
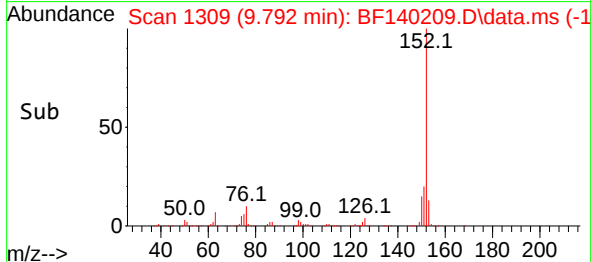
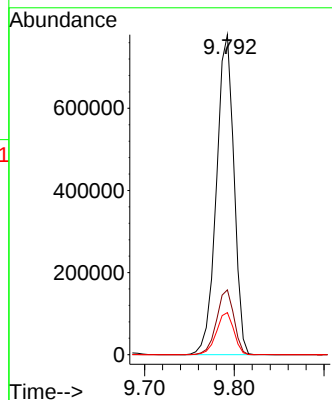
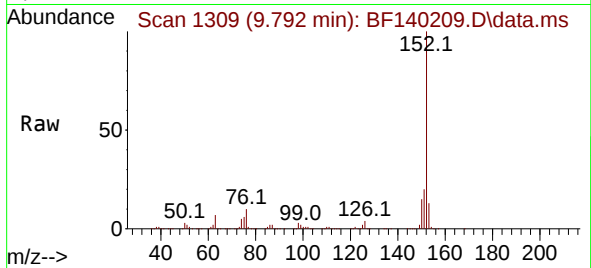




#49
Acenaphthylene
Concen: 51.878 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

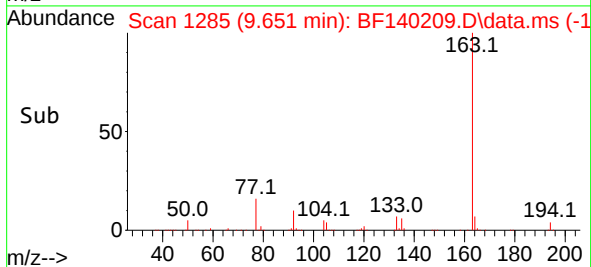
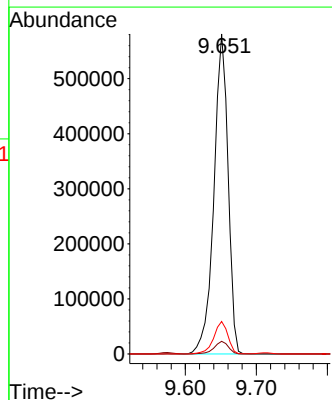
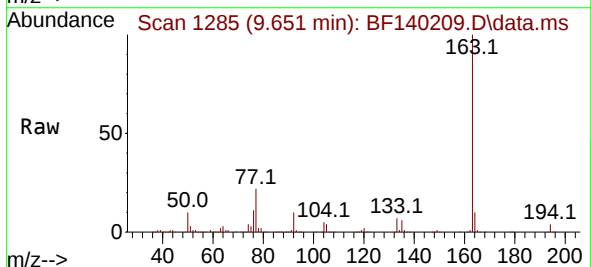
Instrument :
BNA_F
ClientSampleId :

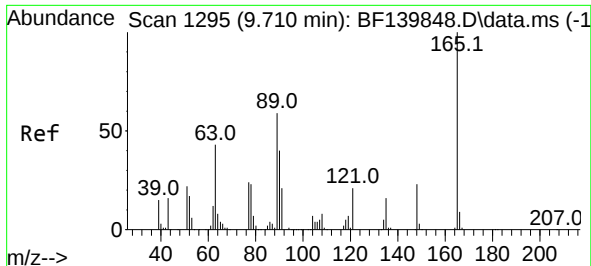
Tgt Ion:152 Resp: 1054552
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 51.450 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:163 Resp: 803664
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.2 8.2 12.2

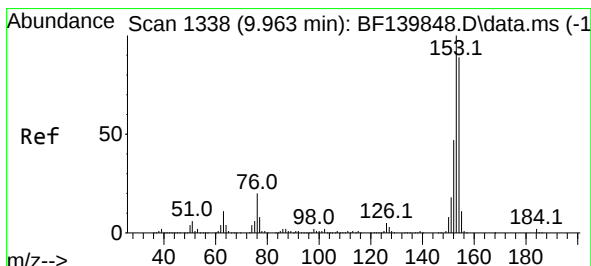
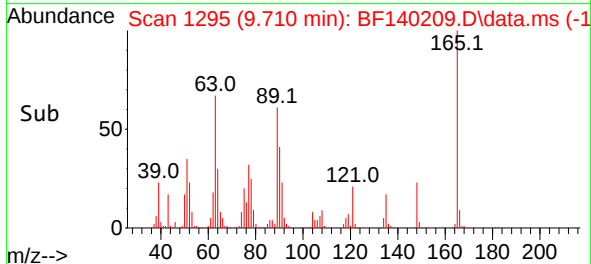
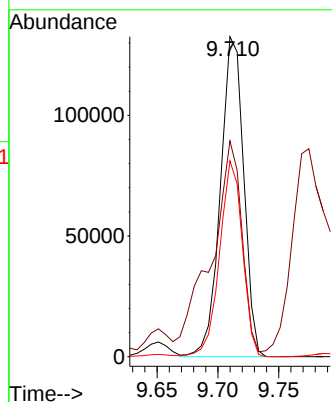
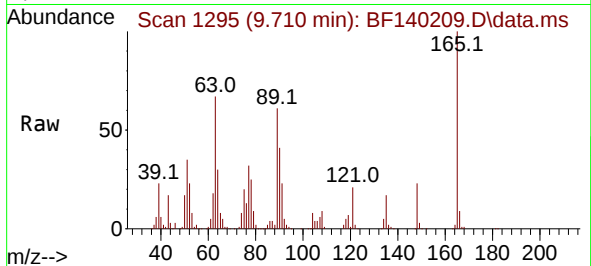




#51
2,6-Dinitrotoluene
Concen: 52.184 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

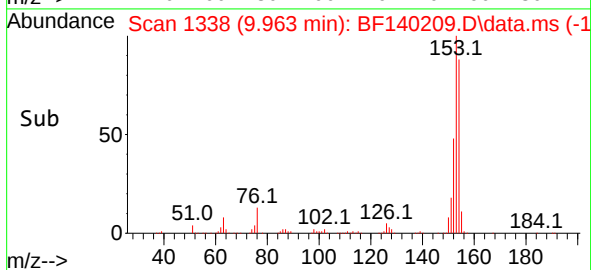
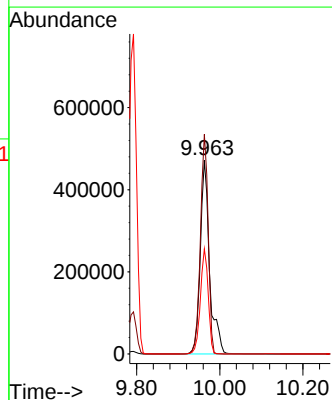
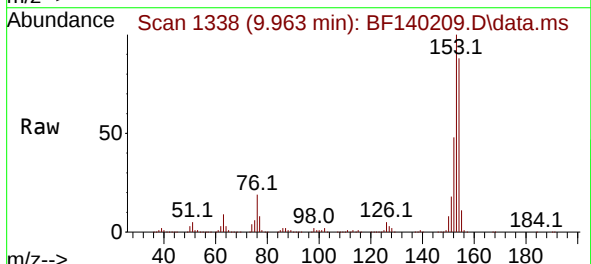
Instrument :
BNA_F
ClientSampleId :

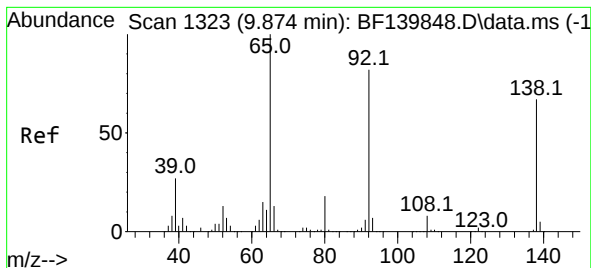
Tgt Ion:165 Resp: 176490
Ion Ratio Lower Upper
165 100
63 67.4 50.6 75.8
89 61.2 47.5 71.3



#52
Acenaphthene
Concen: 55.865 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:154 Resp: 734613
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 54.3 42.4 63.6





#53

3-Nitroaniline

Concen: 34.475 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

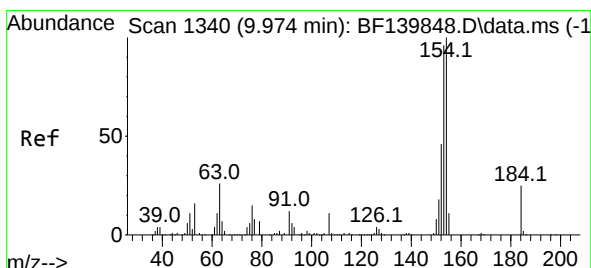
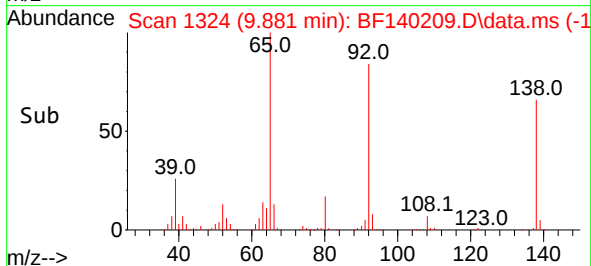
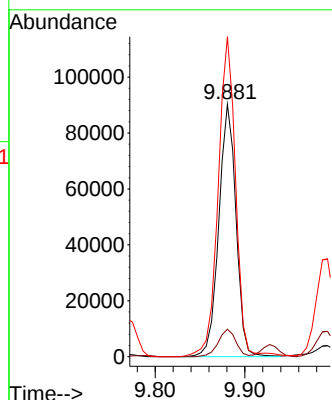
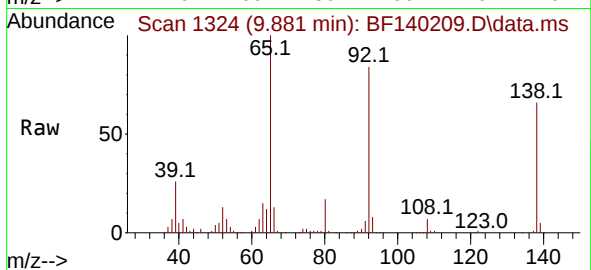
Tgt Ion:138 Resp: 120242

Ion Ratio Lower Upper

138 100

108 10.9 10.2 15.2

92 126.8 98.3 147.5



#54

2,4-Dinitrophenol

Concen: 128.114 ng

RT: 9.992 min Scan# 1343

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

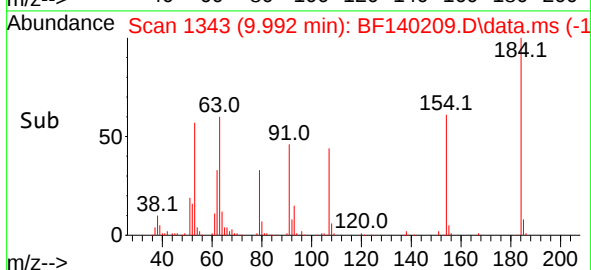
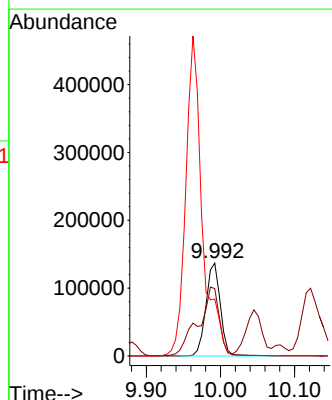
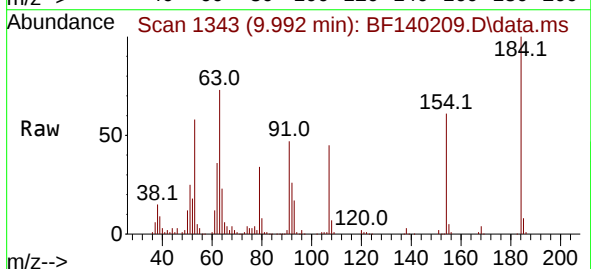
Tgt Ion:184 Resp: 186032

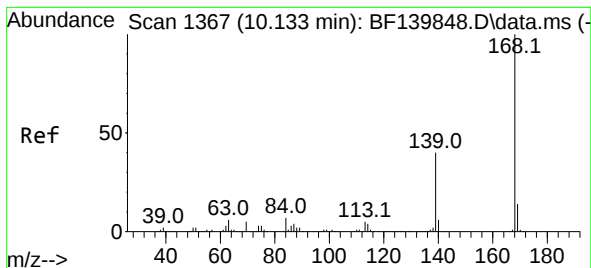
Ion Ratio Lower Upper

184 100

63 72.6 84.7 127.1#

154 61.5 338.2 507.2#





#55

Dibenzenofuran

Concen: 48.725 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

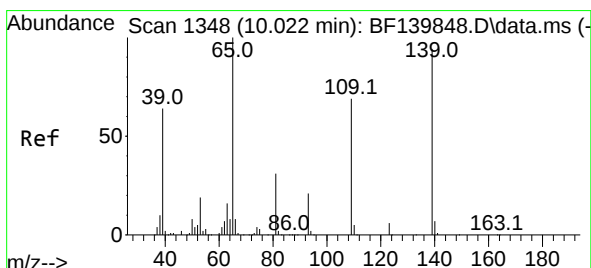
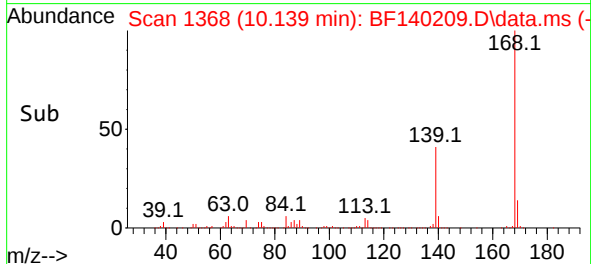
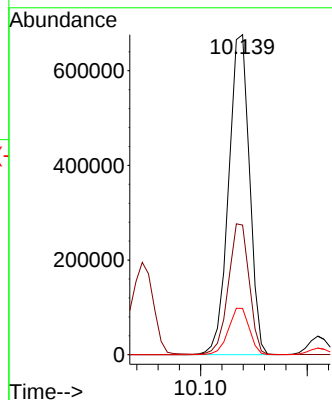
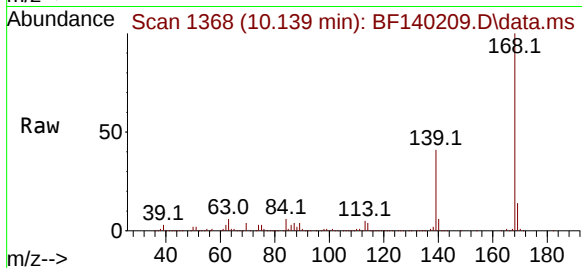
Tgt Ion:168 Resp: 919276

Ion Ratio Lower Upper

168 100

139 40.5 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 105.933 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.024 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

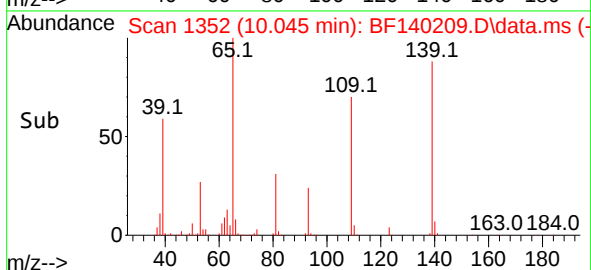
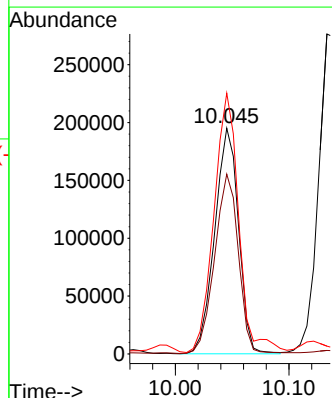
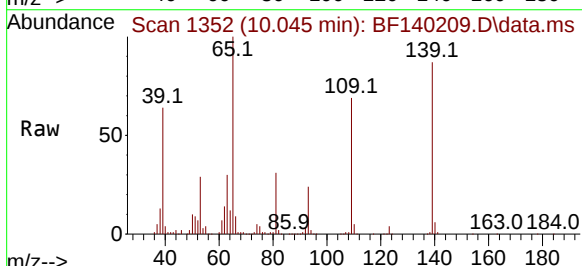
Tgt Ion:139 Resp: 284253

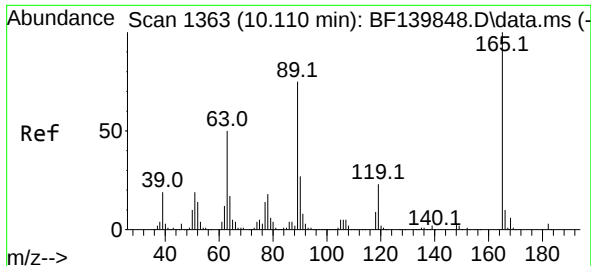
Ion Ratio Lower Upper

139 100

109 79.7 53.6 93.6

65 115.5 87.8 127.8

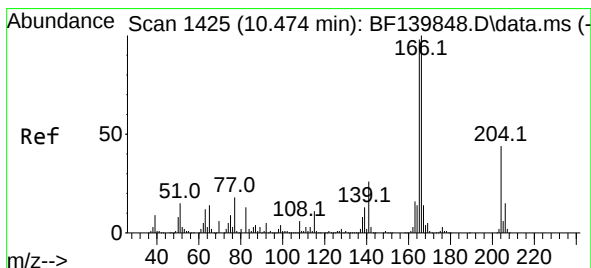
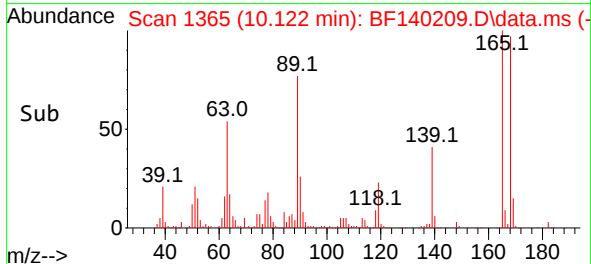
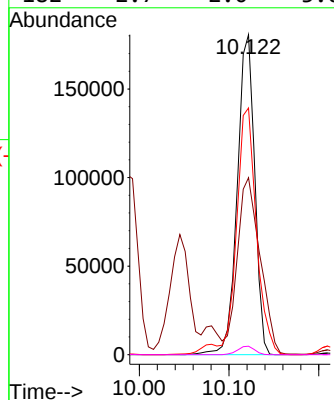
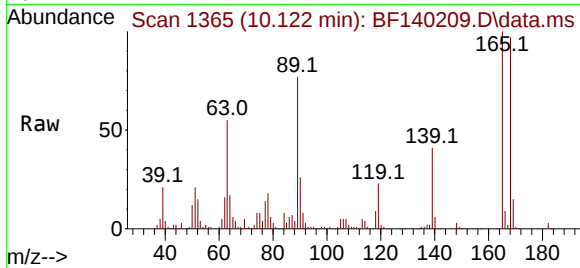




#57
2,4-Dinitrotoluene
Concen: 58.467 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

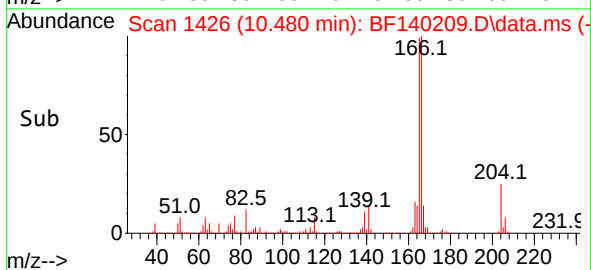
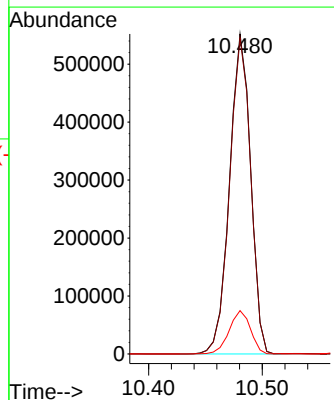
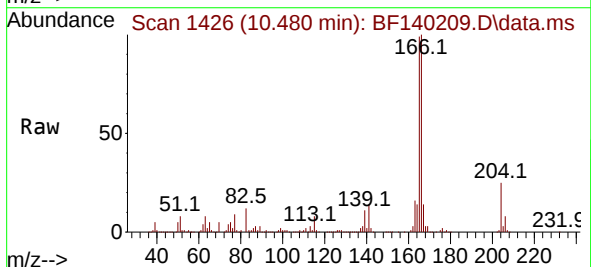
Instrument :
BNA_F
ClientSampleId :

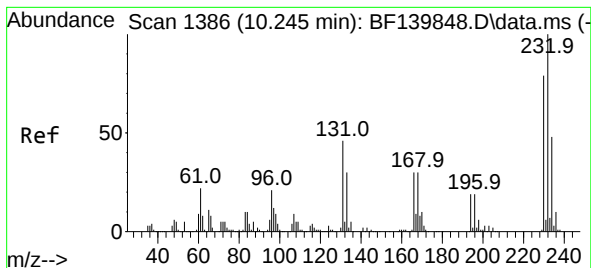
Tgt Ion:165 Resp: 243168
Ion Ratio Lower Upper
165 100
63 55.3 40.1 60.1
89 77.1 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 49.653 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

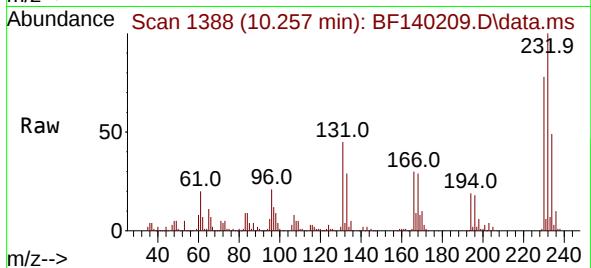
Tgt Ion:166 Resp: 713514
Ion Ratio Lower Upper
166 100
165 98.8 78.5 117.7
167 13.6 10.9 16.3



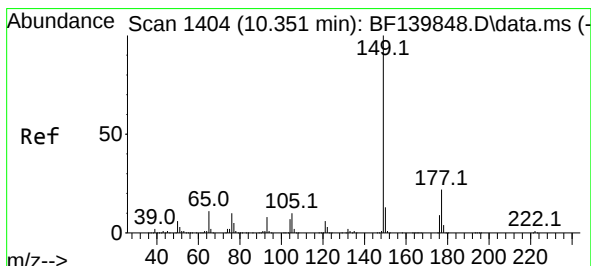
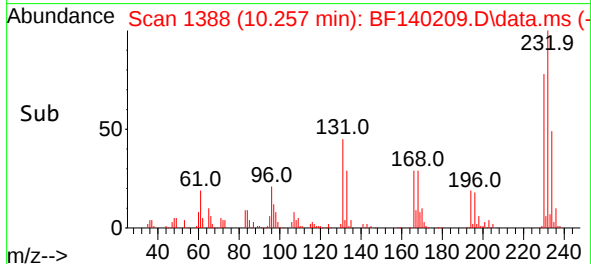
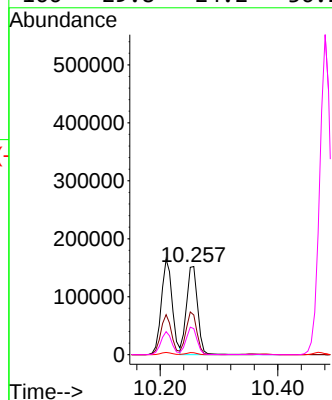


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.908 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Instrument :
BNA_F
ClientSampleId :

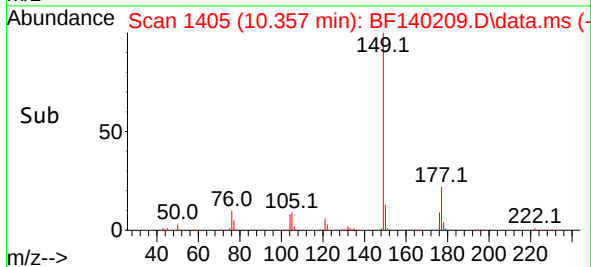
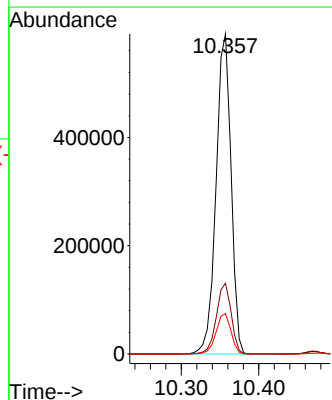
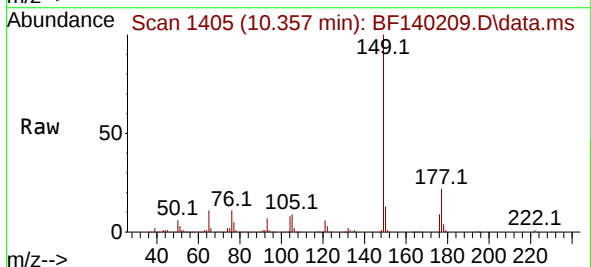


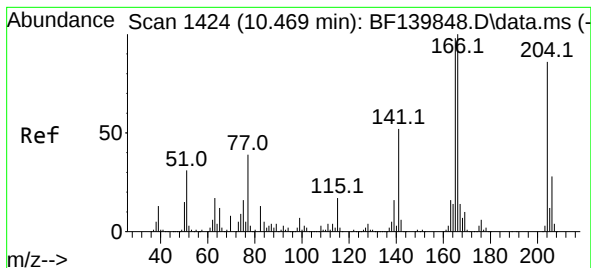
Tgt Ion:232 Resp: 201098
Ion Ratio Lower Upper
232 100
131 46.6 37.0 55.6
130 2.2 1.9 2.9
166 29.8 24.2 36.2



#60
Diethylphthalate
Concen: 51.692 ng
RT: 10.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:149 Resp: 792783
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1

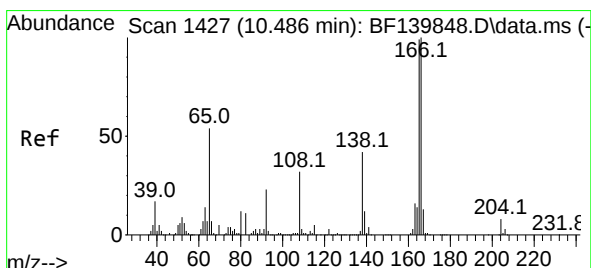
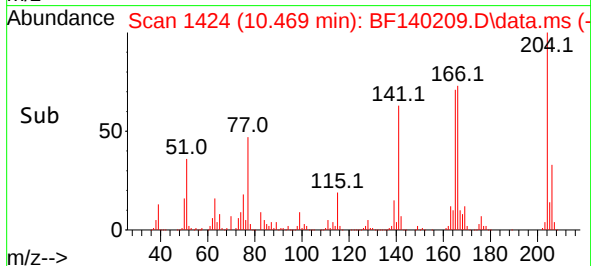
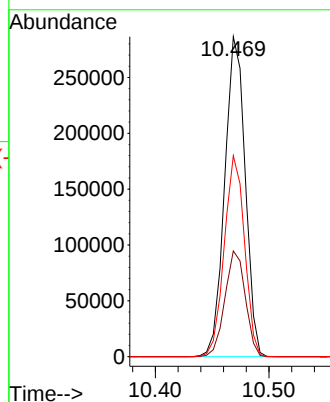
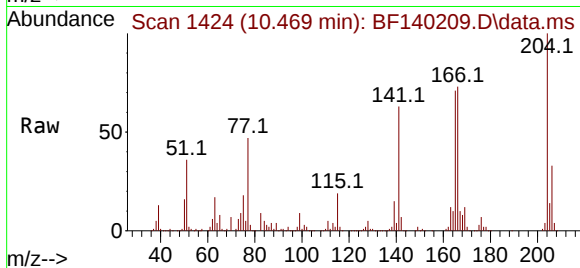




#61
4-Chlorophenyl-phenylether
Concen: 49.530 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

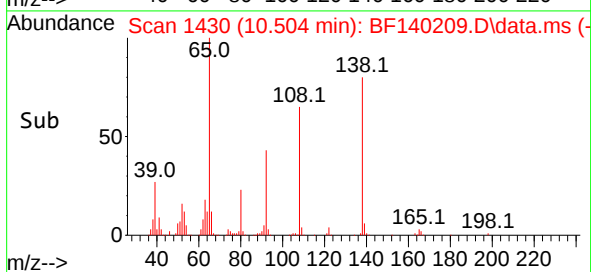
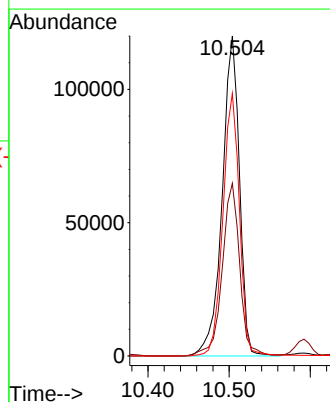
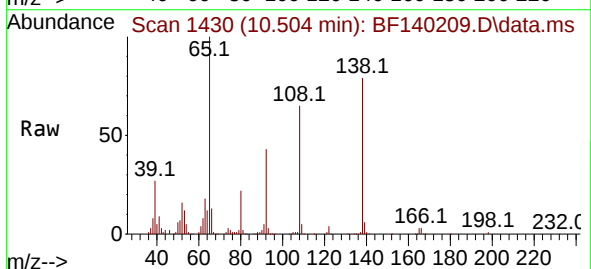
Instrument :
BNA_F
ClientSampleId :

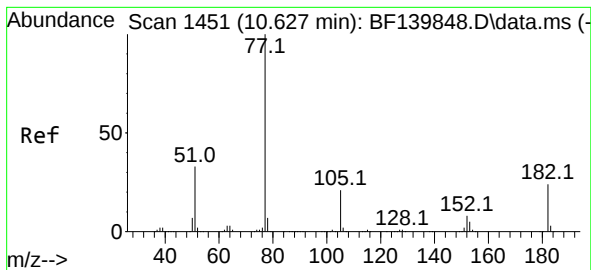
Tgt Ion:204 Resp: 359435
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 62.8 48.6 73.0



#62
4-Nitroaniline
Concen: 54.011 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.018 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:138 Resp: 177917
Ion Ratio Lower Upper
138 100
92 54.0 35.7 75.7
108 82.1 57.5 97.5

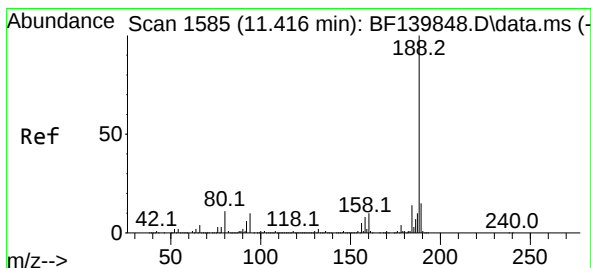
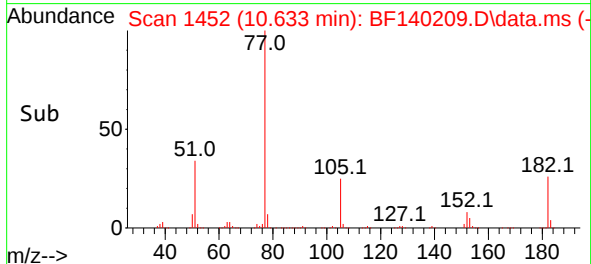
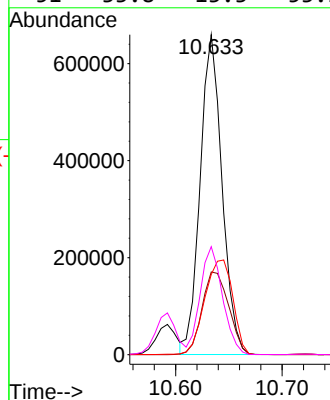
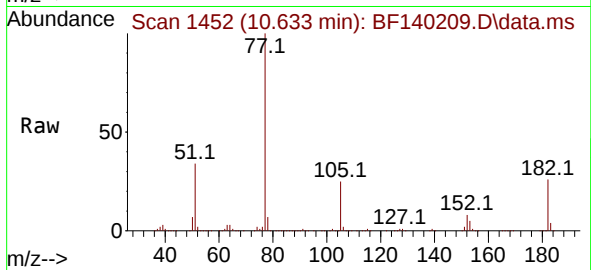




#63
Azobenzene
Concen: 57.911 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

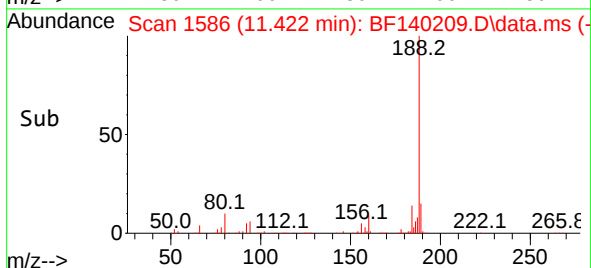
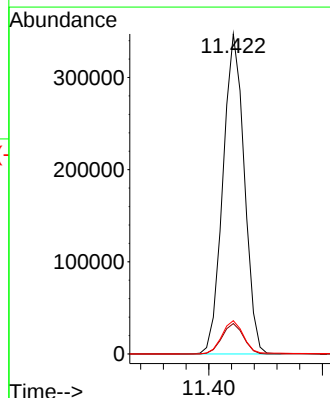
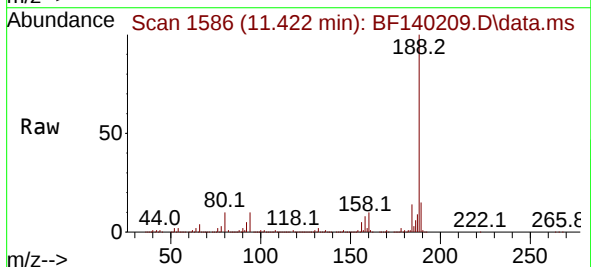
Instrument :
BNA_F
ClientSampleId :

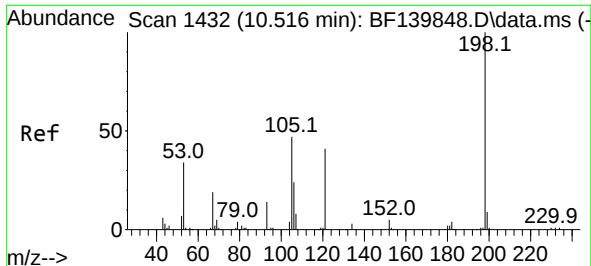
Tgt Ion: 77	Resp: 941594
Ion Ratio	Lower Upper
77 100	
182 25.9	3.3 43.3
105 25.1	1.2 41.2
51 33.8	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion: 188	Resp: 453631
Ion Ratio	Lower Upper
188 100	
94 9.5	7.9 11.9
80 10.4	9.0 13.4

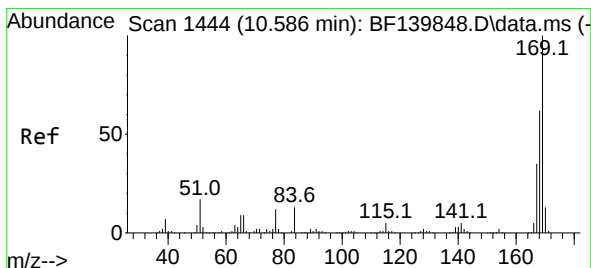
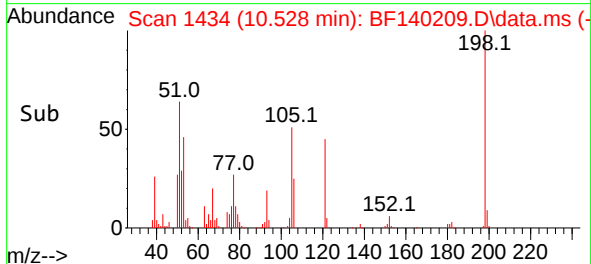
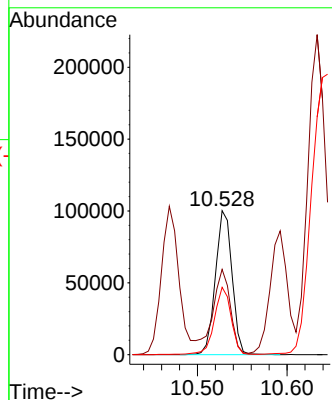
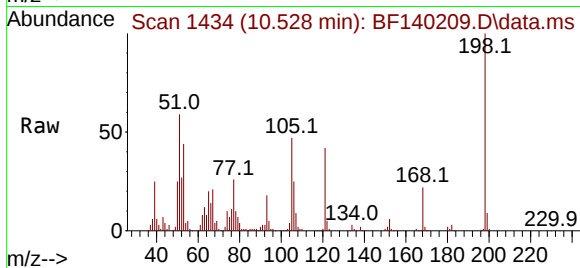




#65
4,6-Dinitro-2-methylphenol
Concen: 69.617 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.012 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

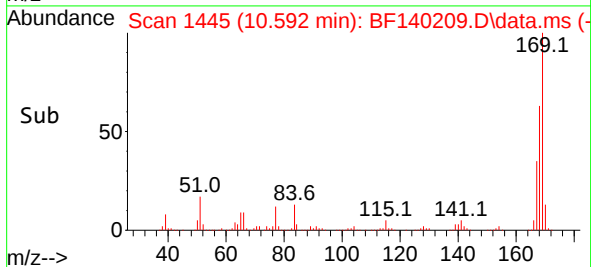
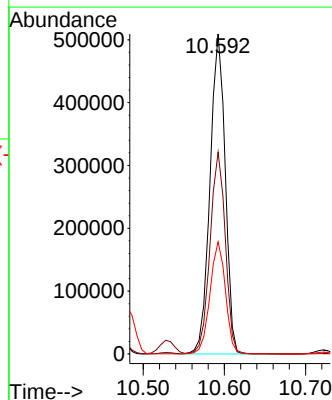
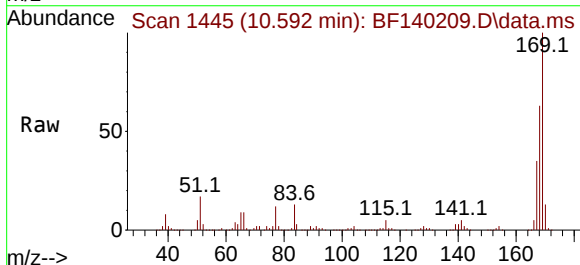
Instrument :
BNA_F
ClientSampleId :

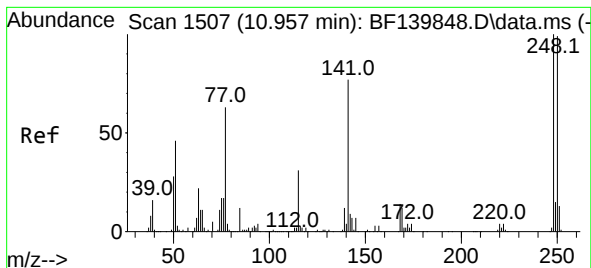
Tgt Ion:198 Resp: 128815
Ion Ratio Lower Upper
198 100
51 59.2 38.2 78.2
105 46.7 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 48.706 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:169 Resp: 661283
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 35.0 28.0 42.0

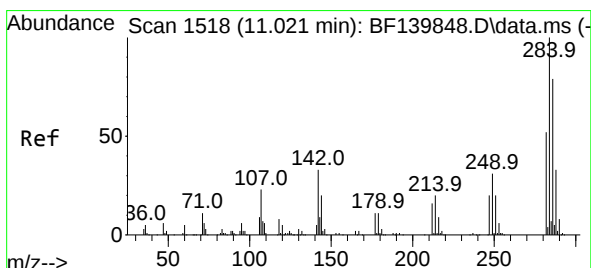
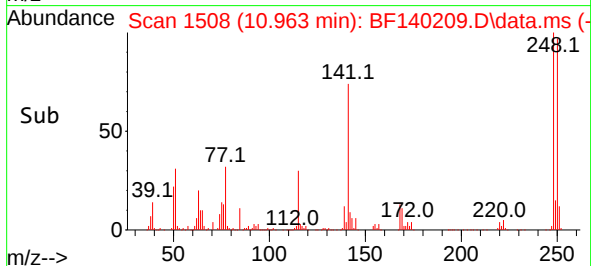
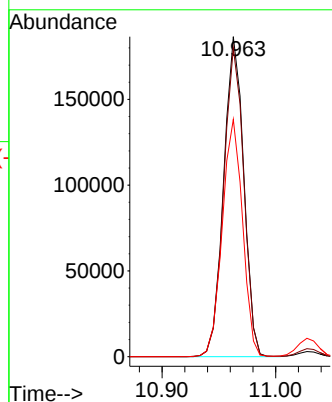
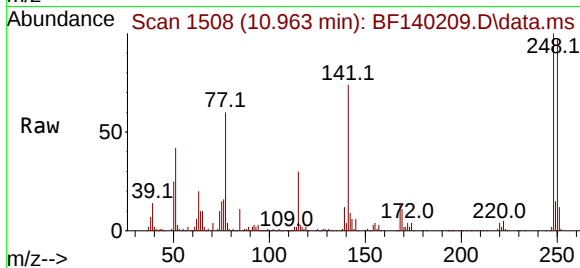




#67
4-Bromophenyl-phenylether
Concen: 49.253 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

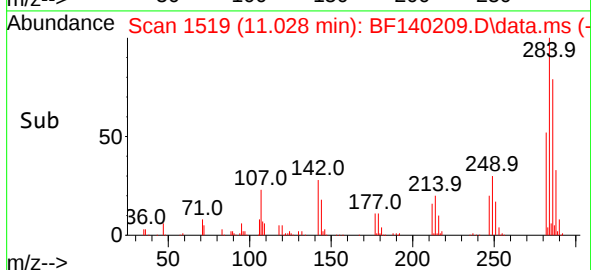
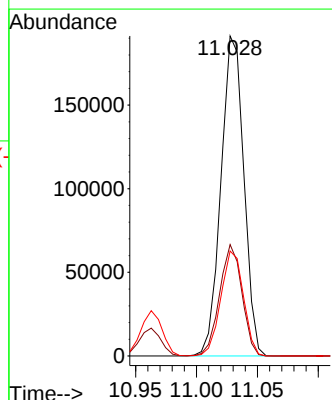
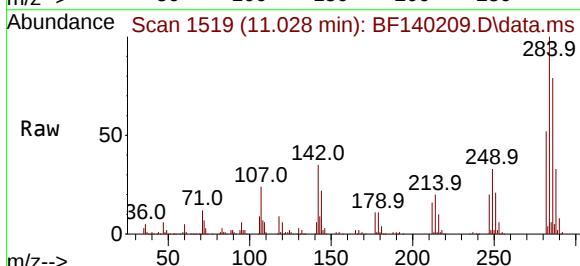
Instrument :
BNA_F
ClientSampleId :

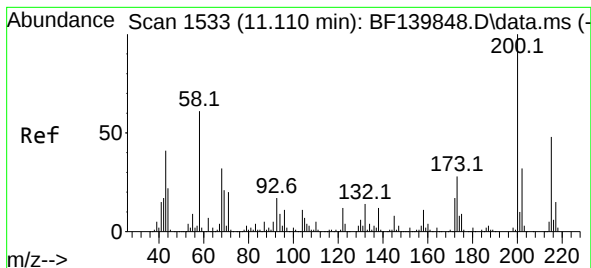
Tgt Ion:248 Resp: 230172
Ion Ratio Lower Upper
248 100
250 96.5 79.0 118.6
141 74.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 47.584 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140209.D
Acq: 01 Nov 2024 14:27

Tgt Ion:284 Resp: 250093
Ion Ratio Lower Upper
284 100
142 34.8 26.9 40.3
249 32.8 25.3 37.9





#69

Atrazine

Concen: 59.739 ng

RT: 11.122 min Scan# 1535

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

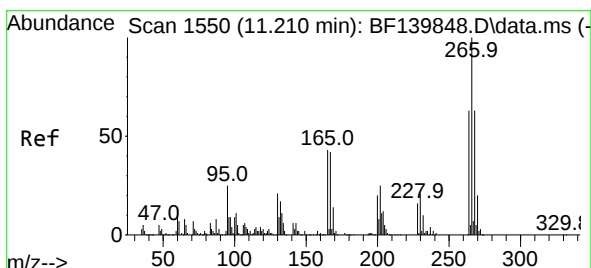
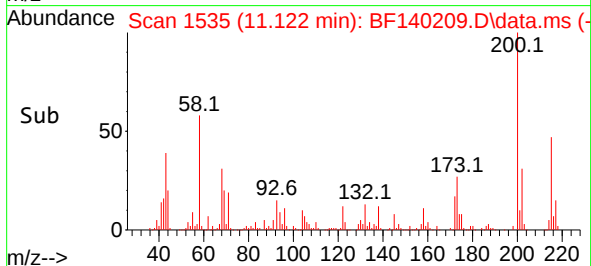
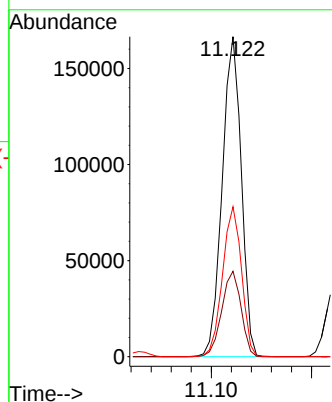
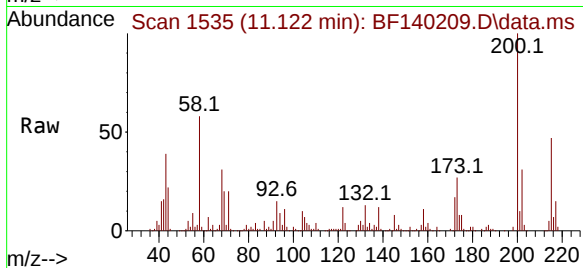
Tgt Ion:200 Resp: 219710

Ion Ratio Lower Upper

200 100

173 26.7 7.7 47.7

215 46.9 27.7 67.7



#70

Pentachlorophenol

Concen: 94.258 ng

RT: 11.227 min Scan# 1553

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

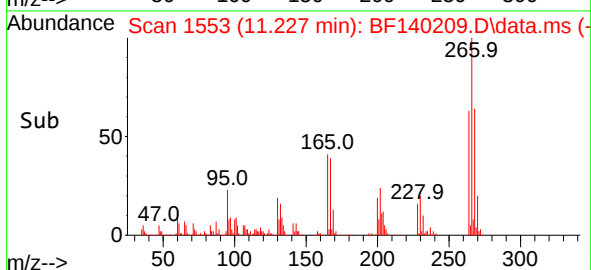
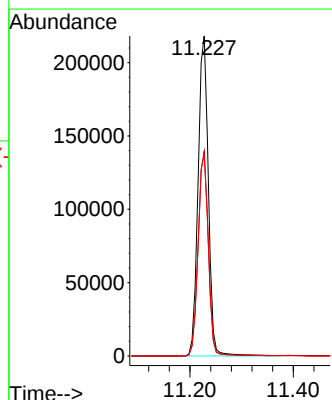
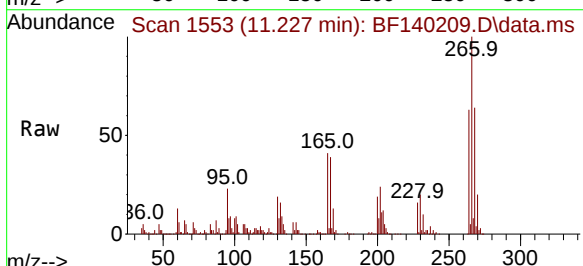
Tgt Ion:266 Resp: 300666

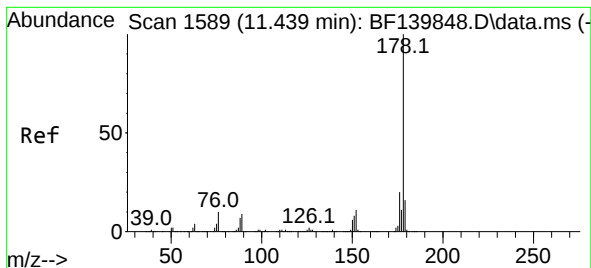
Ion Ratio Lower Upper

266 100

268 63.9 50.4 75.6

264 63.3 50.6 75.8





#71

Phenanthrene

Concen: 48.697 ng

RT: 11.445 min Scan# 1589

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

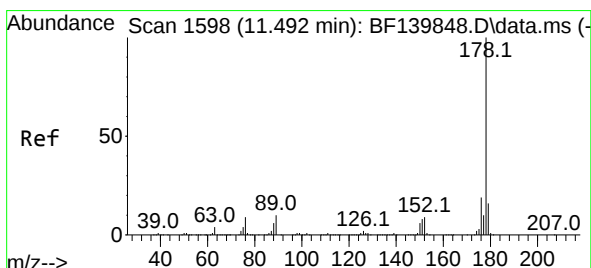
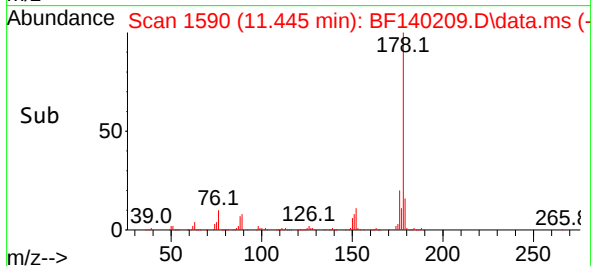
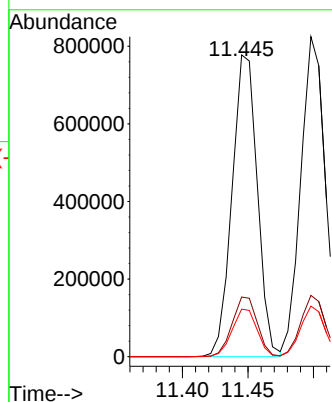
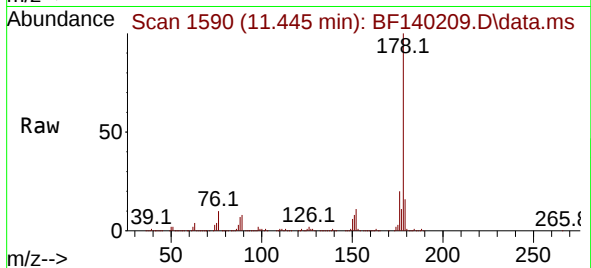
Tgt Ion:178 Resp: 1043455

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.8 12.6 18.8



#72

Anthracene

Concen: 50.569 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

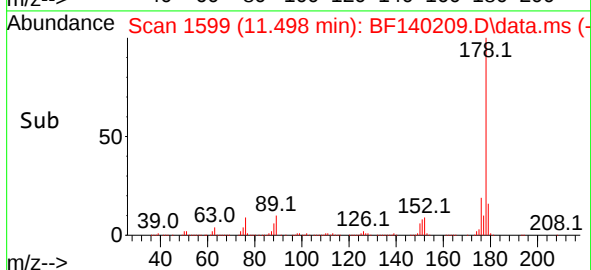
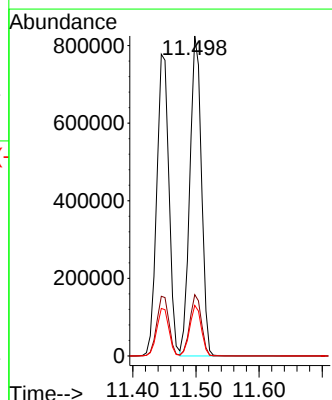
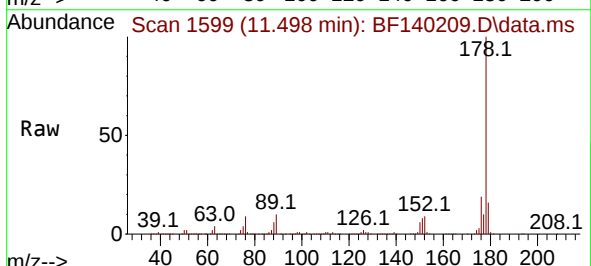
Tgt Ion:178 Resp: 1057230

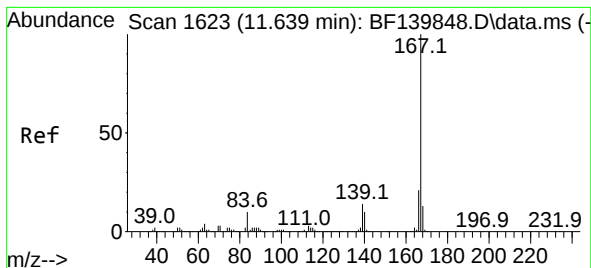
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.8 12.4 18.6





#73

Carbazole

Concen: 47.637 ng

RT: 11.651 min Scan# 1

Delta R.T. 0.012 min

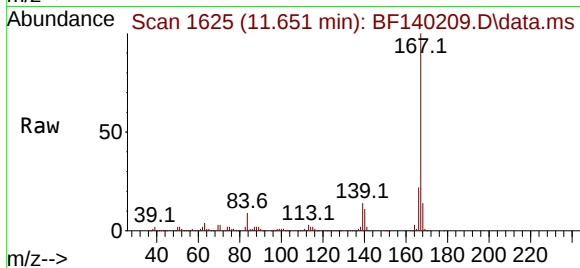
Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :



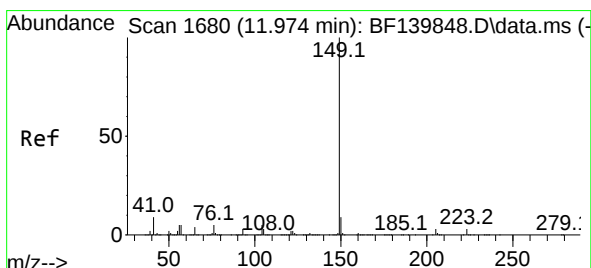
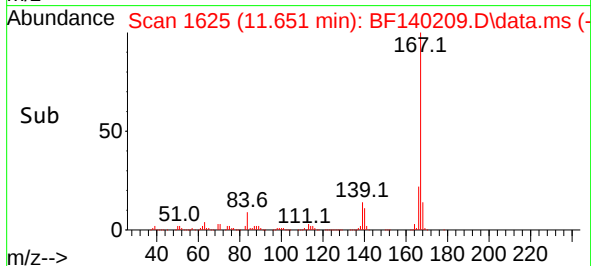
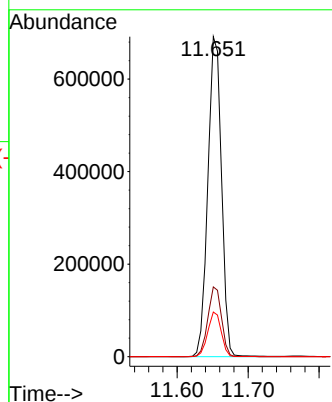
Tgt Ion:167 Resp: 926239

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 14.0 10.8 16.2



#74

Di-n-butylphthalate

Concen: 52.893 ng

RT: 11.980 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

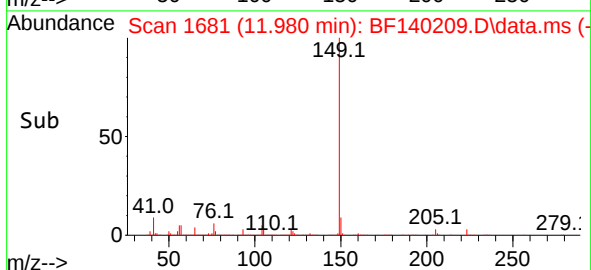
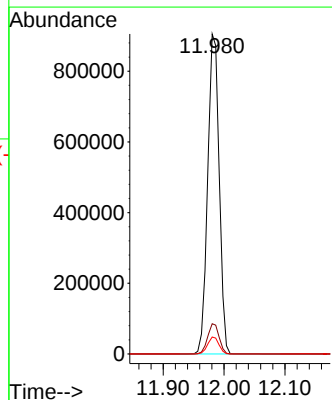
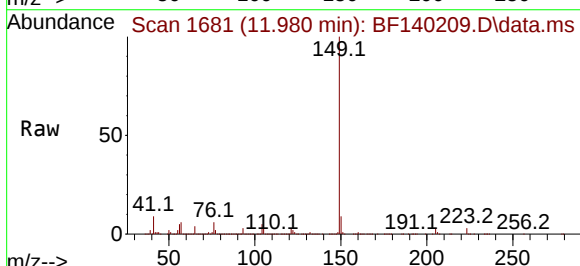
Tgt Ion:149 Resp: 1188190

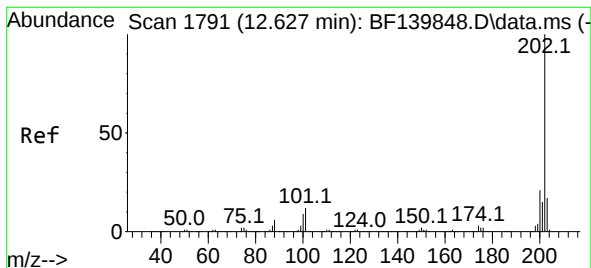
Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 47.983 ng

RT: 12.639 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

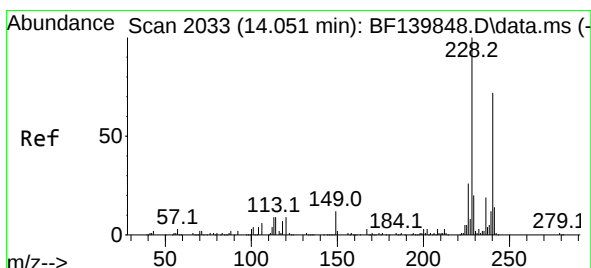
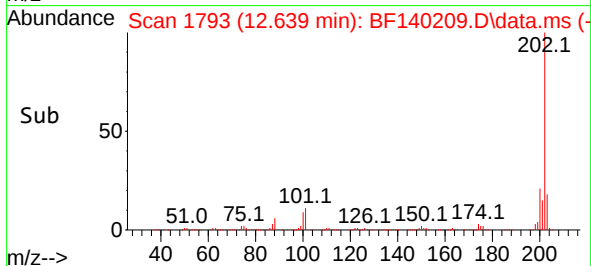
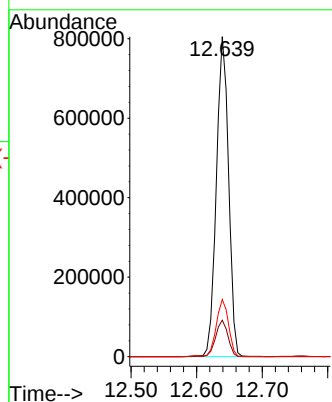
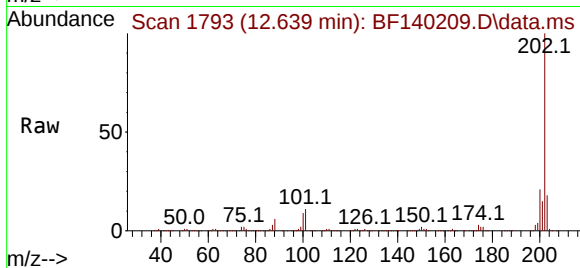
Tgt Ion:202 Resp: 1039398

Ion Ratio Lower Upper

202 100

101 11.4 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: BF140209.D

Acq: 01 Nov 2024 14:27

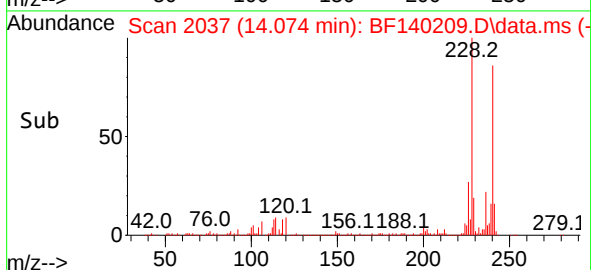
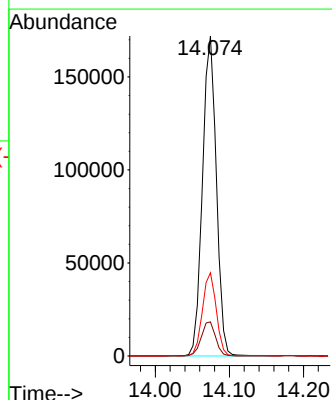
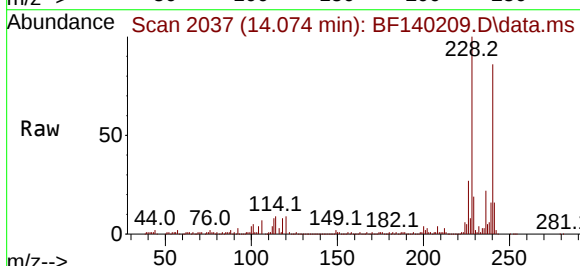
Tgt Ion:240 Resp: 223586

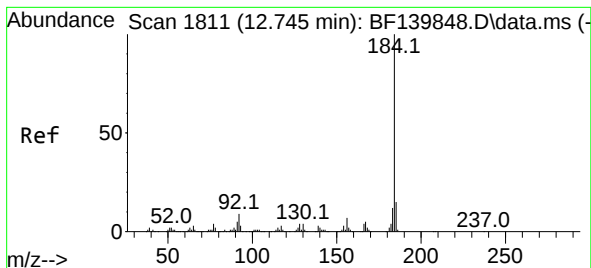
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.0 20.9 31.3





#77

Benzidine

Concen: 87.896 ng

RT: 12.763 min Scan# 1814

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

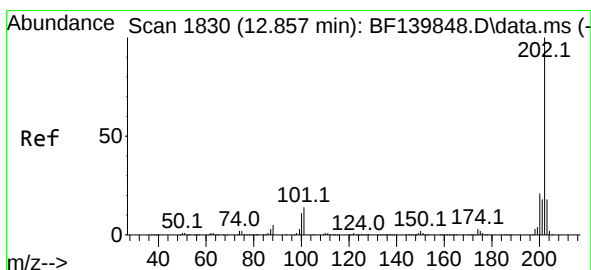
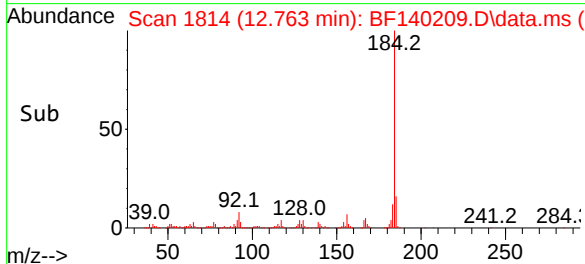
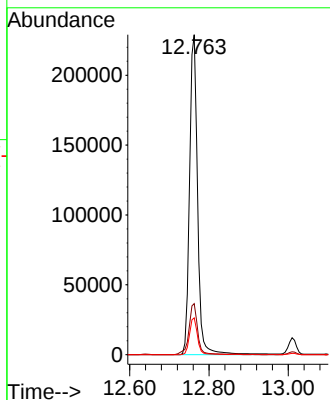
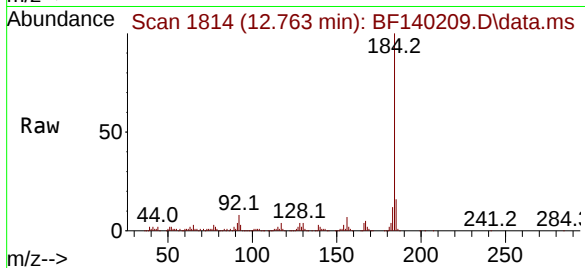
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184 Resp: 323149

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.0	18.0
183	11.5	9.4	14.2



#78

Pyrene

Concen: 53.389 ng

RT: 12.869 min Scan# 1832

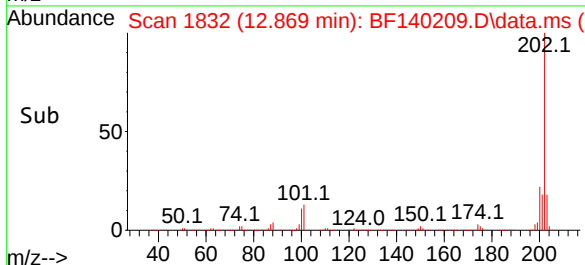
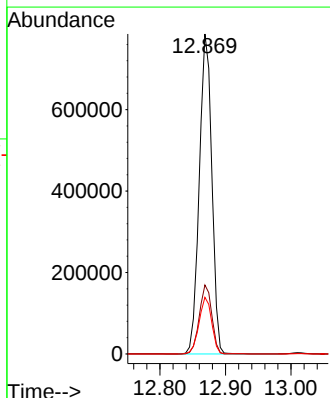
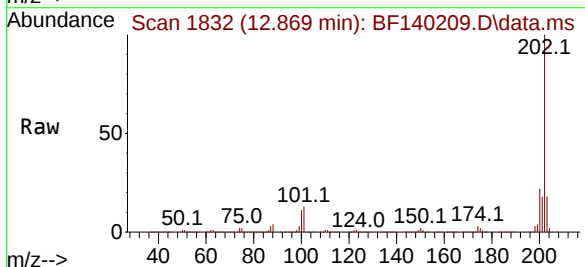
Delta R.T. 0.012 min

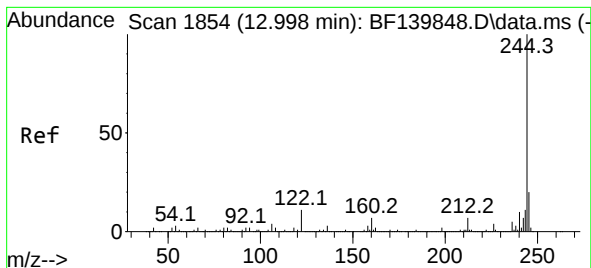
Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Tgt Ion:202 Resp: 1044880

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.7	14.2	21.4





#79

Terphenyl-d14

Concen: 86.311 ng

RT: 13.010 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

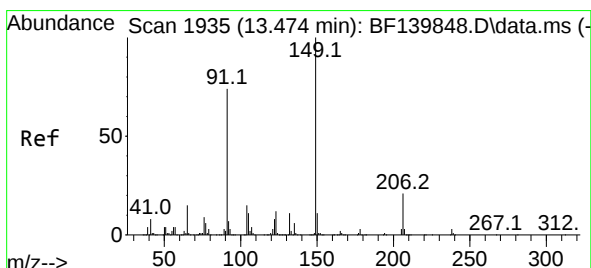
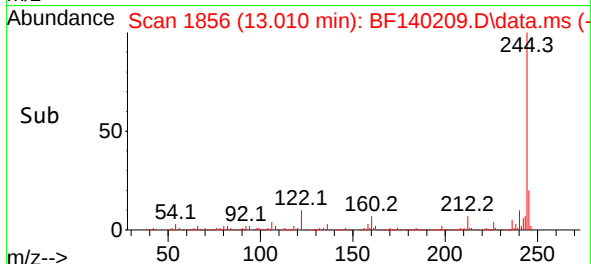
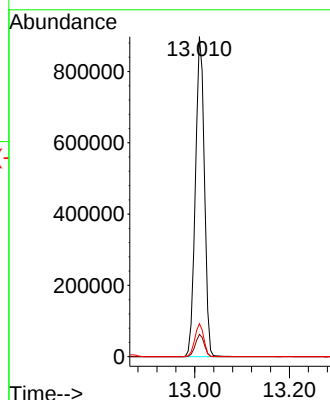
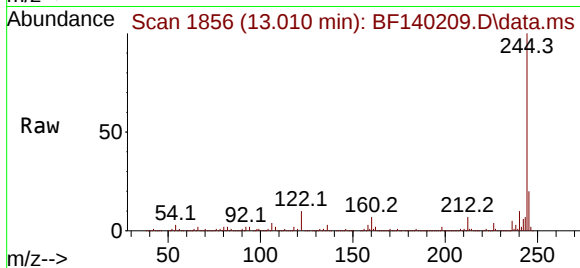
Tgt Ion:244 Resp: 1184293

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.3 8.6 13.0



#80

Butylbenzylphthalate

Concen: 73.982 ng

RT: 13.486 min Scan# 1937

Delta R.T. 0.012 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

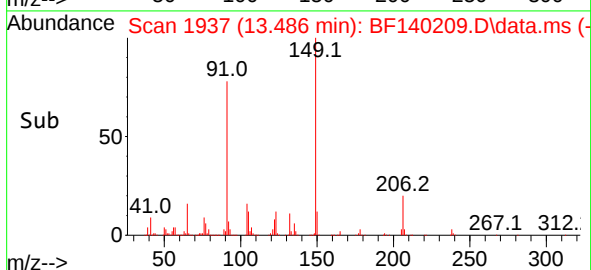
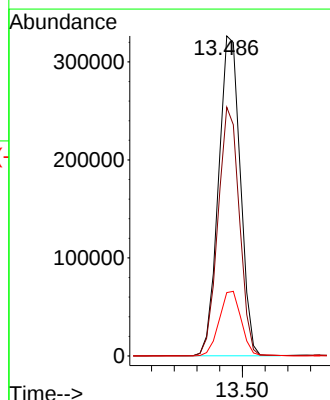
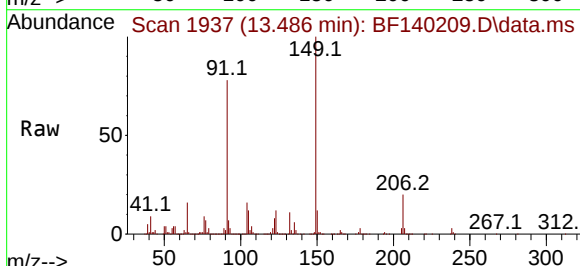
Tgt Ion:149 Resp: 434089

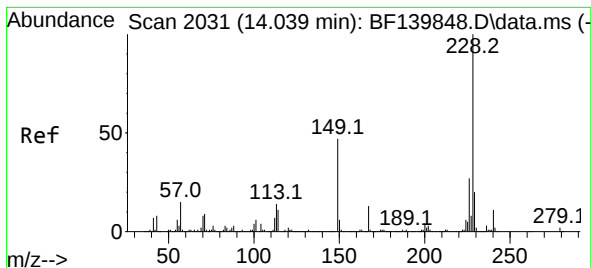
Ion Ratio Lower Upper

149 100

91 77.7 59.4 89.2

206 19.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 49.963 ng

RT: 14.063 min Scan# 2031

Delta R.T. 0.024 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

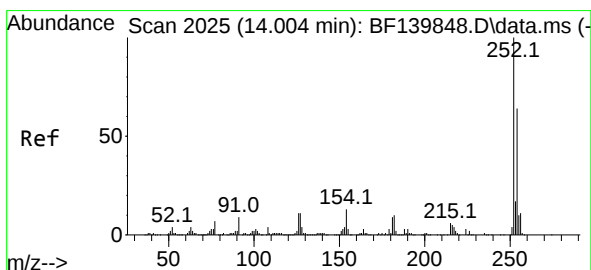
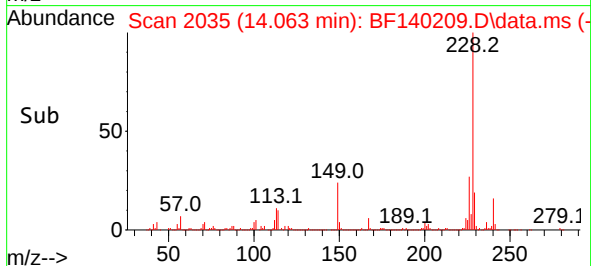
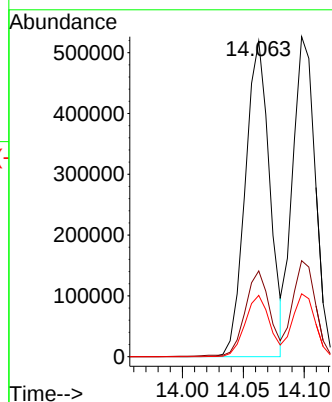
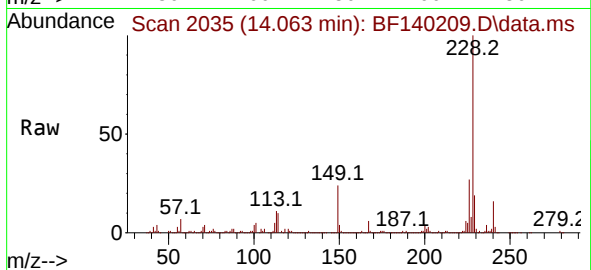
Tgt Ion:228 Resp: 727202

Ion Ratio Lower Upper

228 100

226 27.2 21.6 32.4

229 19.4 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 39.727 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

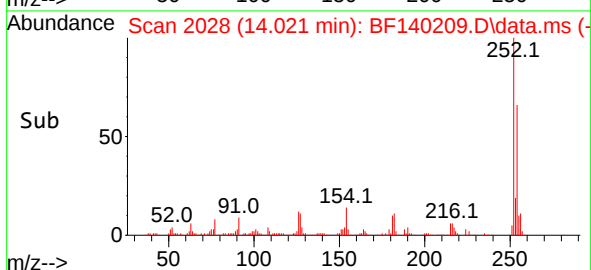
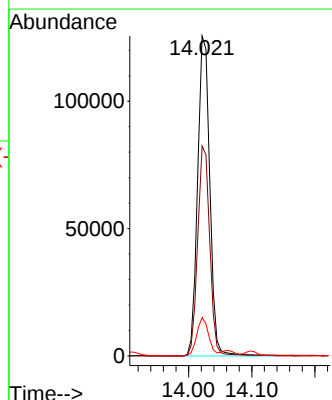
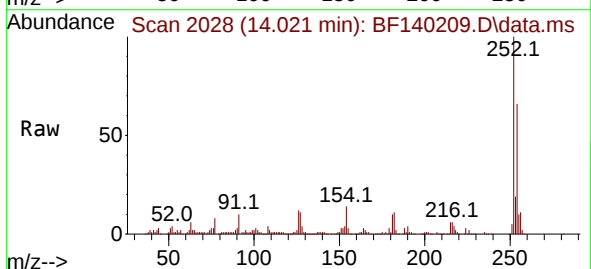
Tgt Ion:252 Resp: 168586

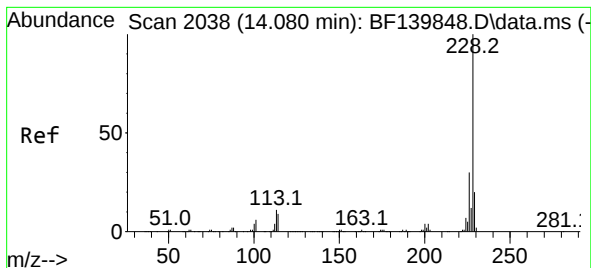
Ion Ratio Lower Upper

252 100

254 65.6 50.8 76.2

126 12.0 8.9 13.3





#83

Chrysene

Concen: 51.206 ng

RT: 14.098 min Scan# 2041

Delta R.T. 0.018 min

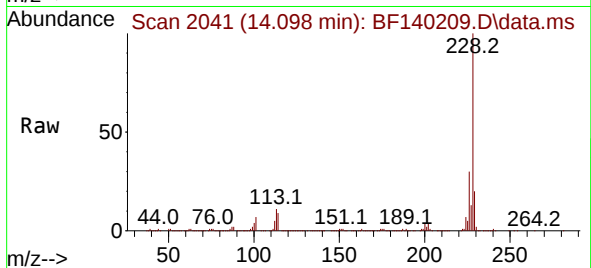
Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :



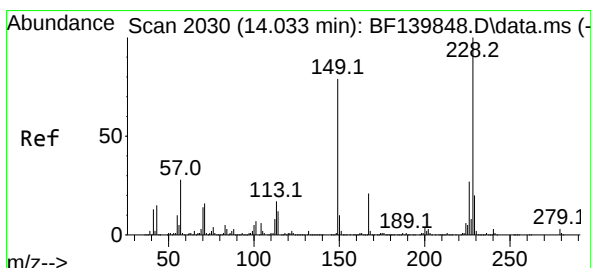
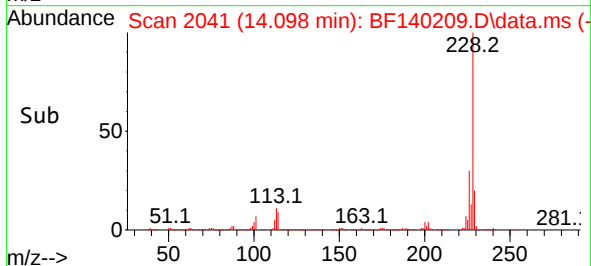
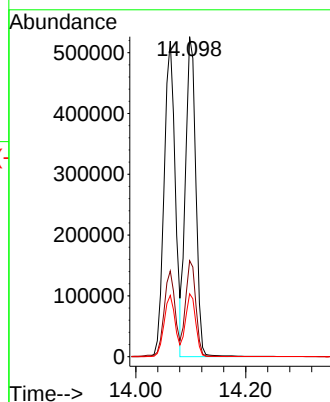
Tgt Ion:228 Resp: 683337

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 82.954 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

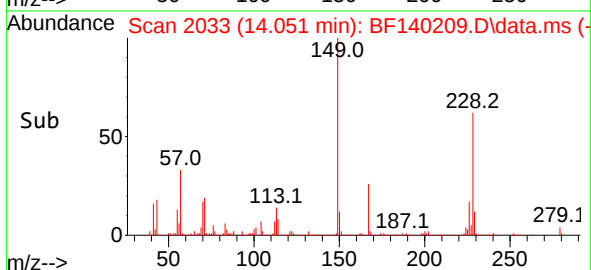
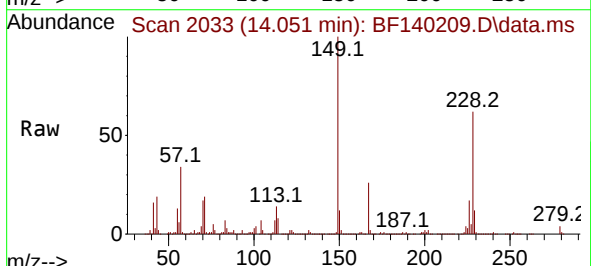
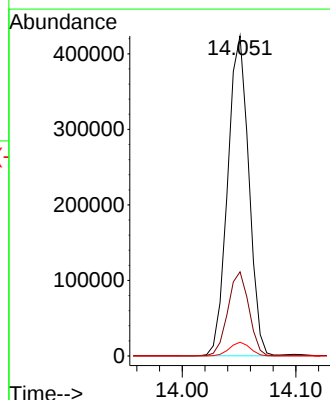
Tgt Ion:149 Resp: 546086

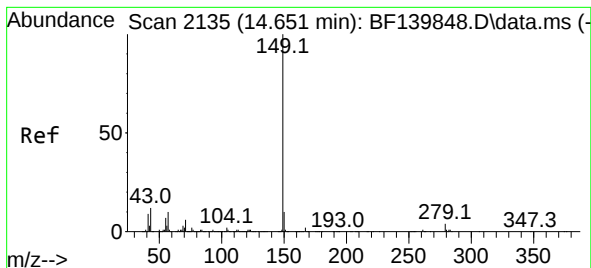
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 64.753 ng

RT: 14.668 min Scan# 21

Delta R.T. 0.017 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

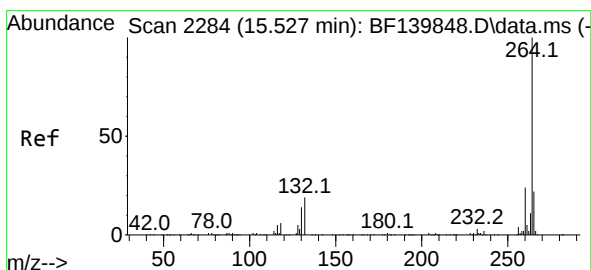
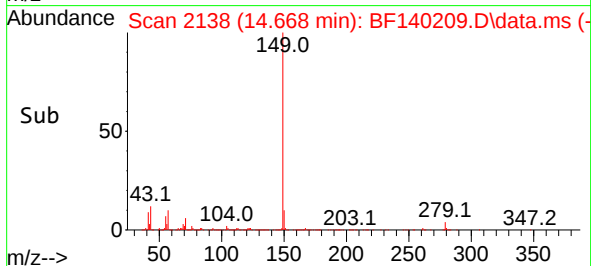
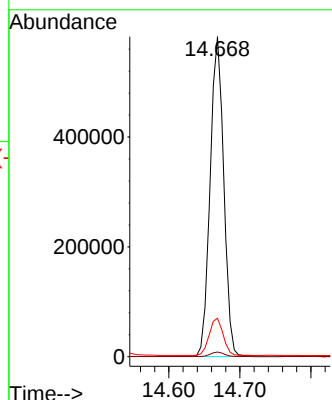
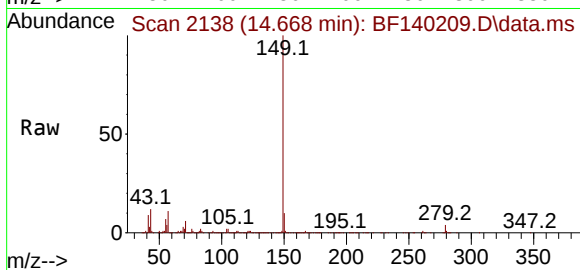
Tgt Ion:149 Resp: 775336

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.8 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.041 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

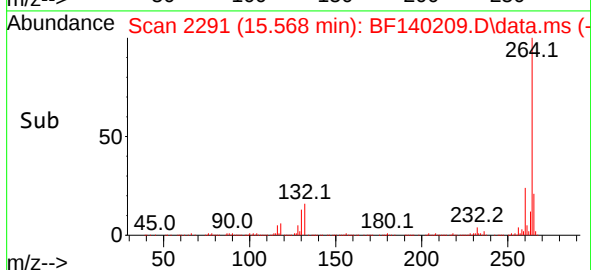
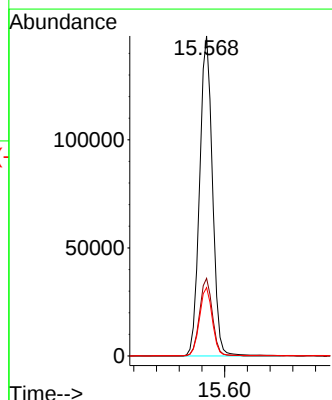
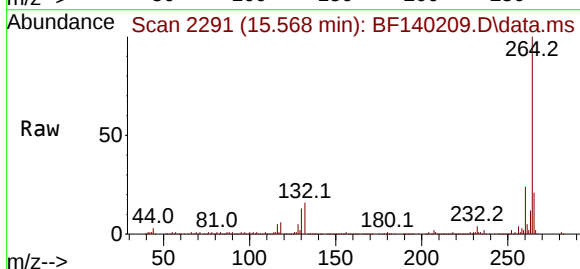
Tgt Ion:264 Resp: 232464

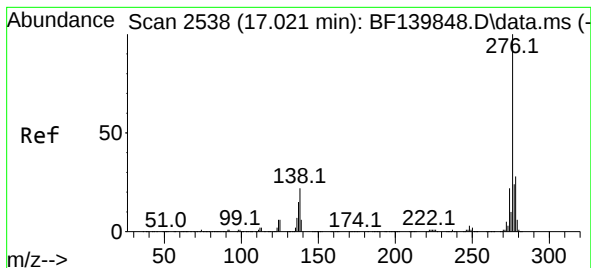
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.155 ng

RT: 17.098 min Scan# 2116

Delta R.T. 0.077 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

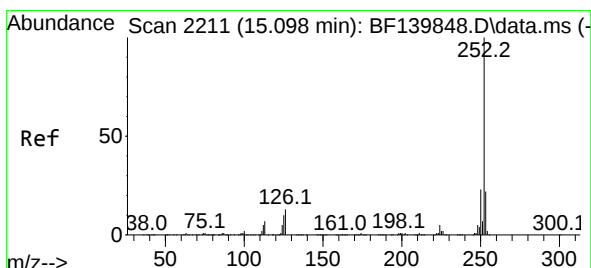
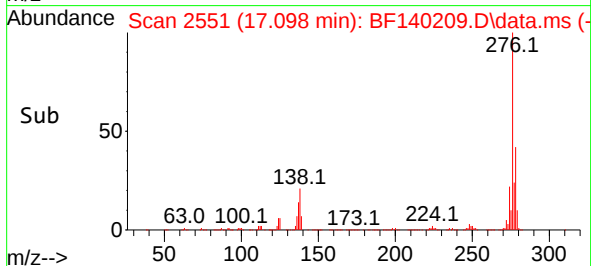
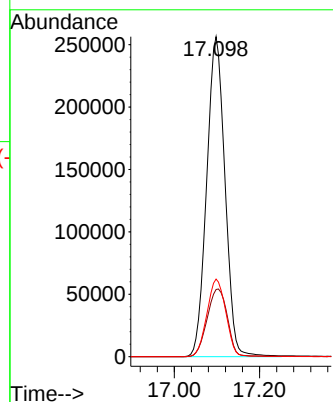
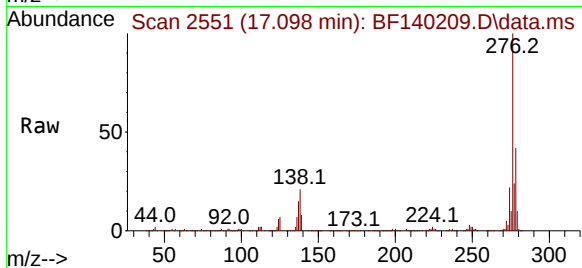
Tgt Ion:276 Resp: 765016

Ion Ratio Lower Upper

276 100

138 23.5 20.4 30.6

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 50.398 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.030 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

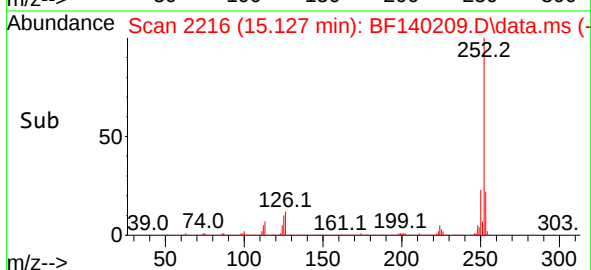
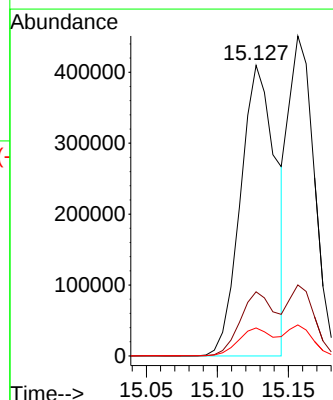
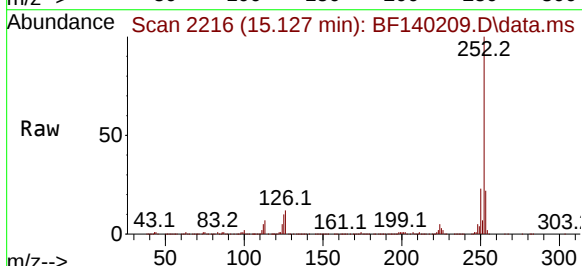
Tgt Ion:252 Resp: 713676

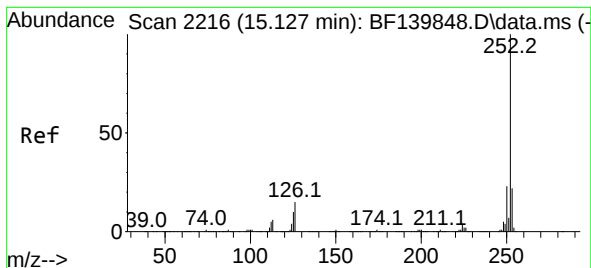
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.6 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 46.962 ng

RT: 15.157 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

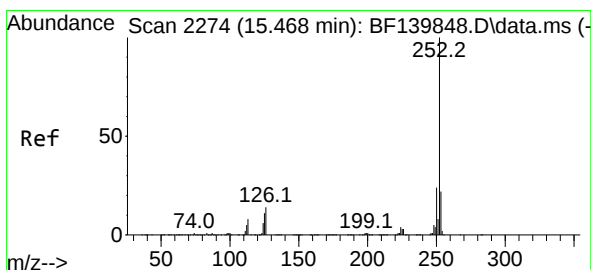
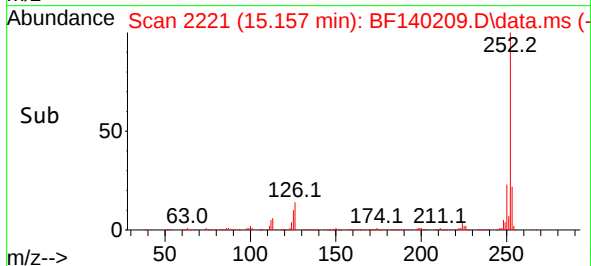
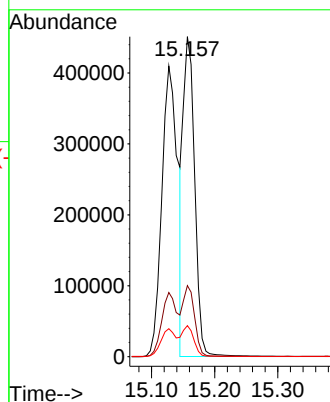
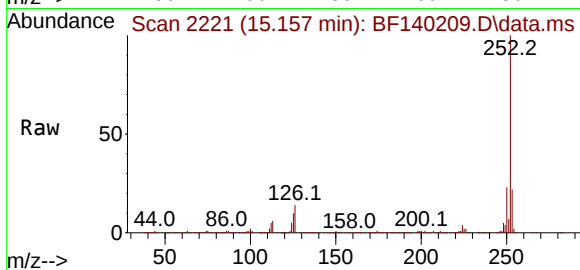
Tgt Ion:252 Resp: 573519

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 54.087 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.035 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

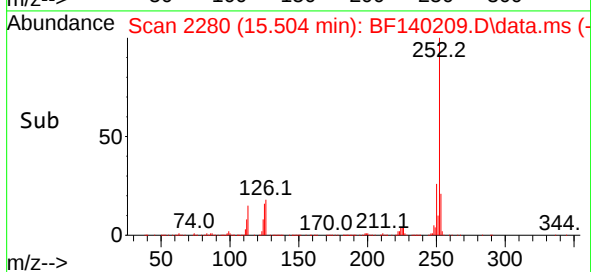
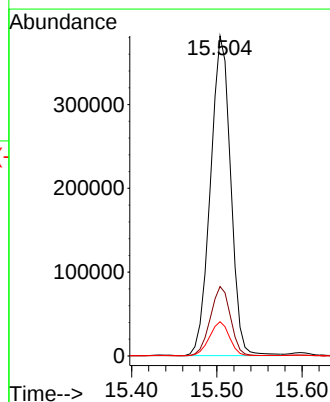
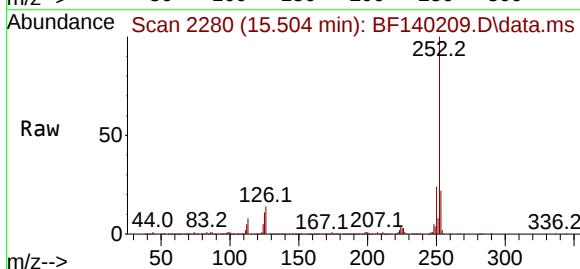
Tgt Ion:252 Resp: 630220

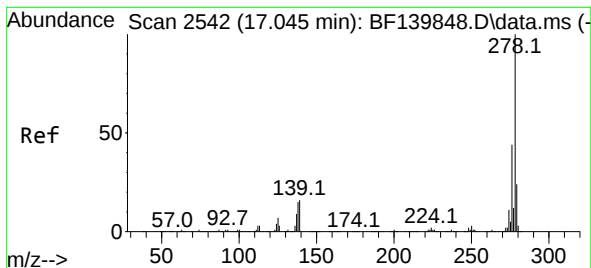
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.048 ng

RT: 17.121 min Scan# 2

Delta R.T. 0.077 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Instrument :

BNA_F

ClientSampleId :

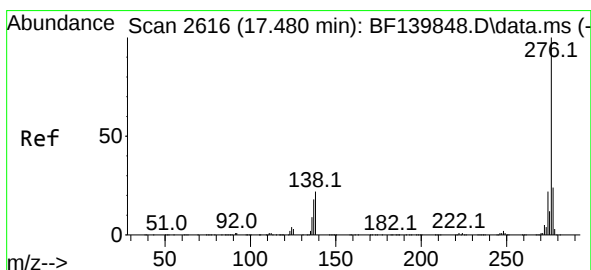
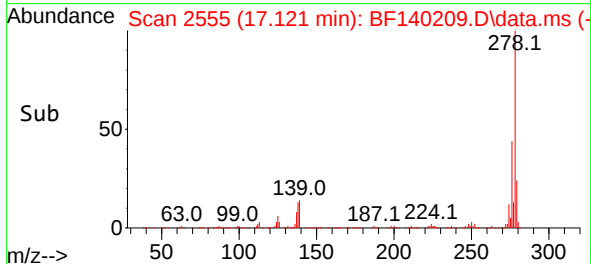
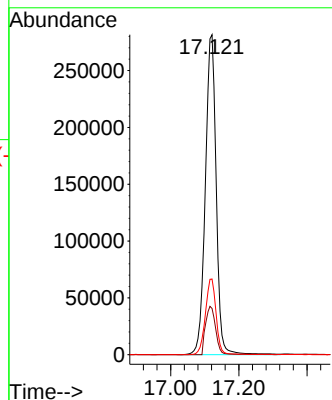
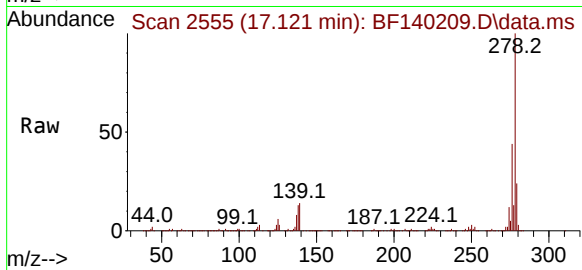
Tgt Ion:278 Resp: 624384

Ion Ratio Lower Upper

278 100

139 14.4 13.1 19.7

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 44.503 ng

RT: 17.562 min Scan# 2630

Delta R.T. 0.082 min

Lab File: BF140209.D

Acq: 01 Nov 2024 14:27

Tgt Ion:276 Resp: 554578

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 20.2 17.4 26.0

