

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140384.D
 Acq On : 15 Nov 2024 00:58
 Operator : RC/JU
 Sample : P4807-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BF-F14MS

Quant Time: Nov 15 02:37:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	114078	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	399733	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	179233	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	286710	20.000	ng	0.00
76) Chrysene-d12	14.051	240	177720	20.000	ng	0.00
86) Perylene-d12	15.533	264	137296	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	643246	96.273	ng	0.03
7) Phenol-d6	6.528	99	845241	93.373	ng	0.02
23) Nitrobenzene-d5	7.440	82	511654	66.691	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	159681	89.591	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	853248	76.528	ng	0.00
79) Terphenyl-d14	12.986	244	764846	74.703	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	144630	48.568	ng	99
3) Pyridine	3.475	79	367690	50.225	ng	99
4) n-Nitrosodimethylamine	3.428	42	190892	51.592	ng	98
6) Aniline	6.545	93	154474	19.617	ng	# 1
8) 2-Chlorophenol	6.675	128	366932	51.125	ng	97
9) Benzaldehyde	6.428	77	46915	8.647	ng	99
10) Phenol	6.545	94	461756	48.370	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	374140	51.725	ng	99
12) 1,3-Dichlorobenzene	6.822	146	386959	48.865	ng	99
13) 1,4-Dichlorobenzene	6.898	146	391308	48.733	ng	100
14) 1,2-Dichlorobenzene	7.045	146	369667	49.592	ng	99
15) Benzyl Alcohol	7.028	79	330408	50.661	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	474608	47.503	ng	# 23
17) 2-Methylphenol	7.145	107	274594	46.509	ng	# 87
18) Hexachloroethane	7.387	117	115246	38.824	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	268425	49.097	ng	100
20) 3+4-Methylphenols	7.304	107	377239	51.091	ng	# 65
22) Acetophenone	7.287	105	495289	53.274	ng	94
24) Nitrobenzene	7.457	77	402240	50.356	ng	98
25) Isophorone	7.698	82	695352	51.140	ng	100
26) 2-Nitrophenol	7.775	139	180565	50.940	ng	99
27) 2,4-Dimethylphenol	7.822	122	265151	58.428	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	425869	51.079	ng	100
29) 2,4-Dichlorophenol	8.028	162	276319	49.268	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	302792	48.492	ng	99
31) Naphthalene	8.181	128	1001427	49.386	ng	100
32) Benzoic acid	7.934	122	161731	40.501	ng	98
33) 4-Chloroaniline	8.234	127	62528	8.867	ng	98
34) Hexachlorobutadiene	8.292	225	200419	50.376	ng	99
35) Caprolactam	8.592	113	85469	45.850	ng	100
36) 4-Chloro-3-methylphenol	8.722	107	277501	44.648	ng	100
37) 2-Methylnaphthalene	8.875	142	614739	47.279	ng	100
38) 1-Methylnaphthalene	8.969	142	561842	44.126	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	286126	57.729	ng	99
41) Hexachlorocyclopentadiene	9.022	237	26821	21.076	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	176199	54.170	ng	100

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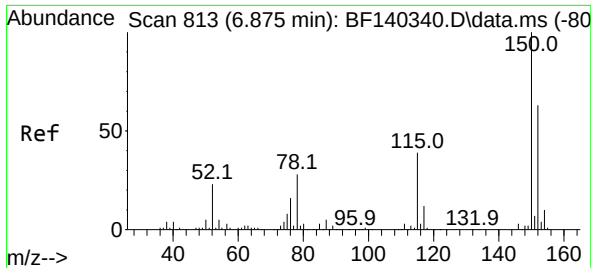
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	180171	50.663	ng	96
46) 1,1'-Biphenyl	9.334	154	731486	56.099	ng	100
47) 2-Chloronaphthalene	9.363	162	524700	52.825	ng	99
48) 2-Nitroaniline	9.463	65	168520	51.158	ng	99
49) Acenaphthylene	9.775	152	821125	54.639	ng	100
50) Dimethylphthalate	9.634	163	640934	54.862	ng	99
51) 2,6-Dinitrotoluene	9.698	165	126329	47.433	ng	99
52) Acenaphthene	9.951	154	494751	48.742	ng	100
53) 3-Nitroaniline	9.869	138	84546	30.227	ng	98
54) 2,4-Dinitrophenol	9.981	184	21949	15.981	ng	97
55) Dibenzofuran	10.122	168	723416	50.345	ng	99
56) 4-Nitrophenol	10.051	139	178721	87.601	ng	99
57) 2,4-Dinitrotoluene	10.104	165	158612	45.250	ng	98
58) Fluorene	10.463	166	539273	47.507	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	134449	47.881	ng	98
60) Diethylphthalate	10.333	149	602660	50.449	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	273135	48.739	ng	97
62) 4-Nitroaniline	10.481	138	100466	35.129	ng	100
63) Azobenzene	10.616	77	593194	50.256	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	20720	13.432	ng	95
66) n-Nitrosodiphenylamine	10.575	169	460092	55.540	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	154128	53.778	ng	98
68) Hexachlorobenzene	11.016	284	167917	52.073	ng	96
69) Atrazine	11.104	200	142169	56.725	ng	100
70) Pentachlorophenol	11.216	266	169233	97.428	ng	100
71) Phenanthrene	11.428	178	716282	53.183	ng	100
72) Anthracene	11.480	178	726040	55.004	ng	99
73) Carbazole	11.639	167	679456	52.131	ng	100
74) Di-n-butylphthalate	11.963	149	835374	53.402	ng	100
75) Fluoranthene	12.622	202	803303	53.162	ng	99
77) Benzidine	12.745	184	313106	45.903	ng	99
78) Pyrene	12.851	202	839322	55.213	ng	99
80) Butylbenzylphthalate	13.463	149	346607	59.353	ng	98
81) Benzo(a)anthracene	14.039	228	601203	51.472	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	165367	44.543	ng	99
83) Chrysene	14.080	228	566596	53.166	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	455135	58.390	ng	99
85) Di-n-octyl phthalate	14.639	149	657322	59.876	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	447986	52.821	ng	99
88) Benzo(b)fluoranthene	15.098	252	477779	53.197	ng	99
89) Benzo(k)fluoranthene	15.127	252	381011	51.930	ng	99
90) Benzo(a)pyrene	15.474	252	388572	55.713	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	373227	53.239	ng	100
92) Benzo(g,h,i)perylene	17.492	276	338780	47.269	ng	99

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

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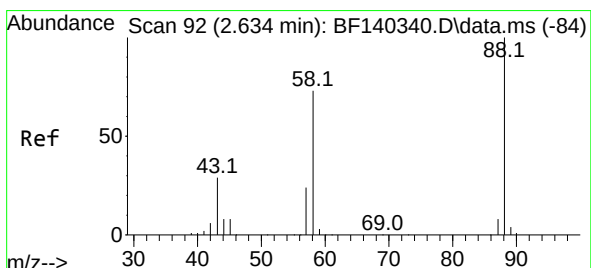
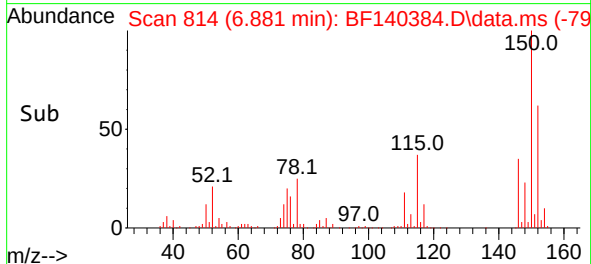
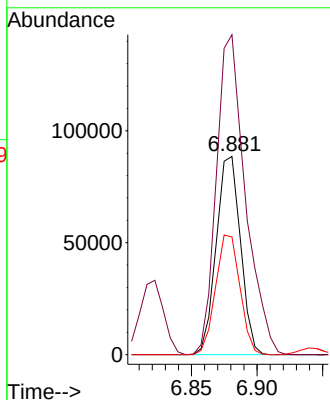
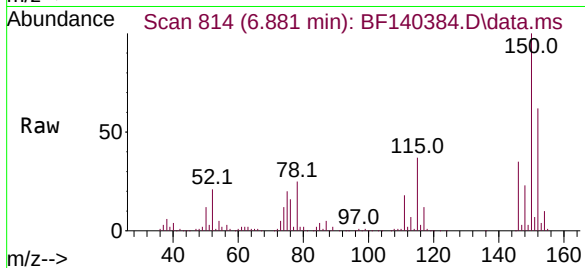




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140384.D
 Acq: 15 Nov 2024 00:58

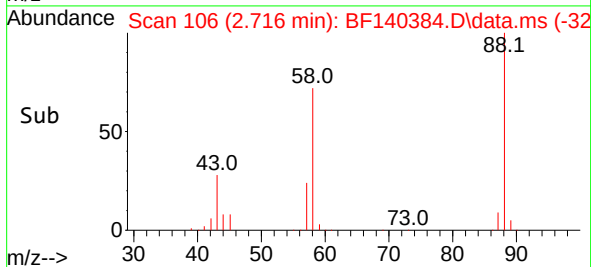
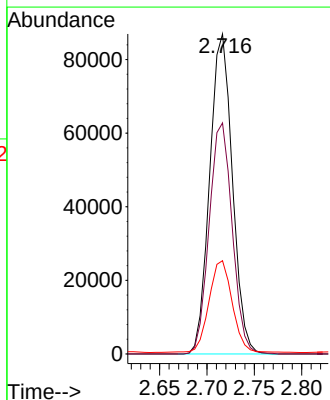
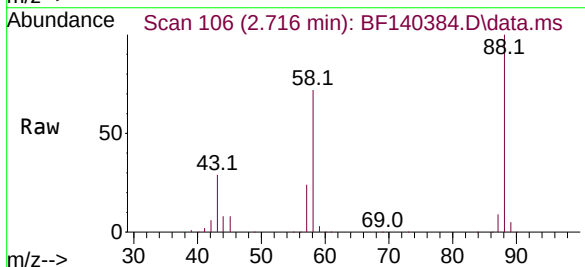
Instrument :
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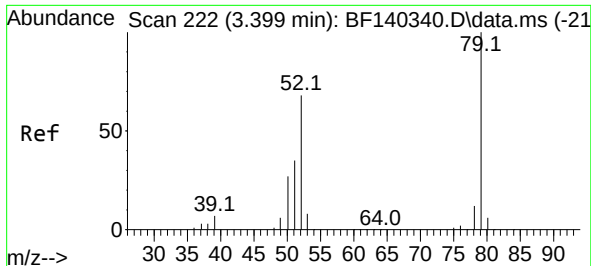
Tgt Ion:152 Resp: 114078
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.4 191.0
 115 59.4 47.4 71.2



#2
 1,4-Dioxane
 Concen: 48.568 ng
 RT: 2.716 min Scan# 106
 Delta R.T. 0.082 min
 Lab File: BF140384.D
 Acq: 15 Nov 2024 00:58

Tgt Ion: 88 Resp: 144630
 Ion Ratio Lower Upper
 88 100
 58 73.3 59.5 89.3
 43 29.8 23.4 35.2





#3

Pyridine

Concen: 50.225 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

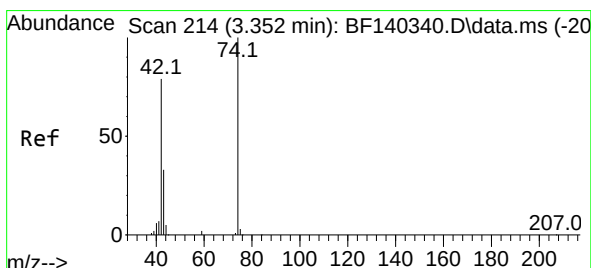
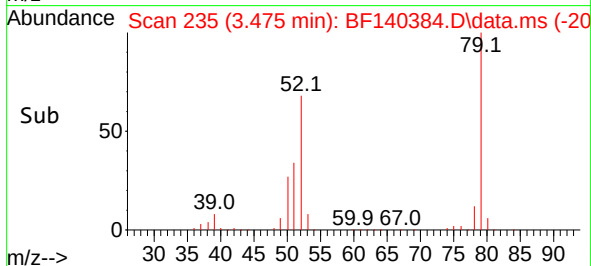
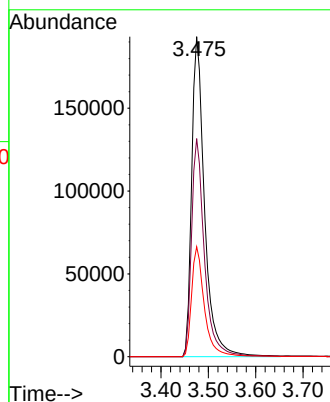
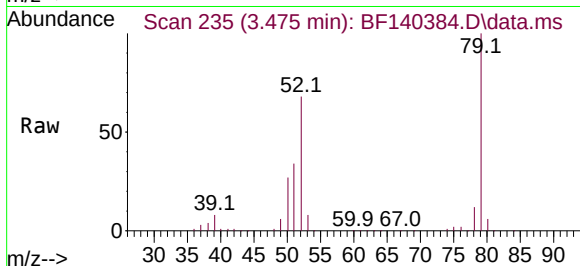
Tgt Ion: 79 Resp: 367690

Ion Ratio Lower Upper

79 100

52 68.2 53.8 80.6

51 34.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 51.592 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.071 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

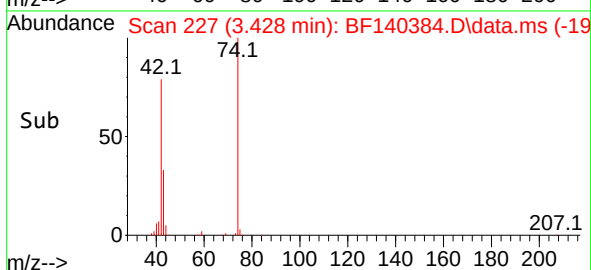
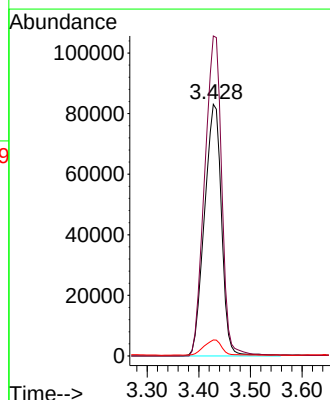
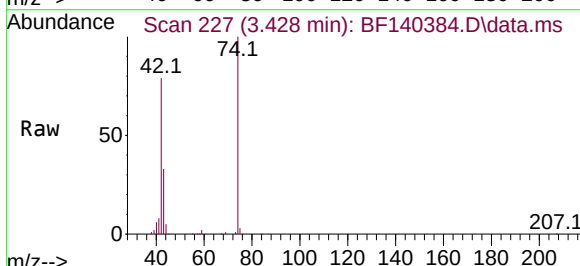
Tgt Ion: 42 Resp: 190892

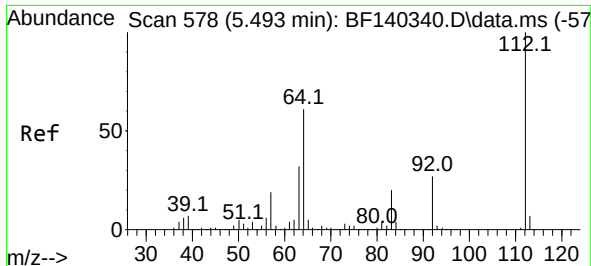
Ion Ratio Lower Upper

42 100

74 127.1 103.5 155.3

44 6.3 5.1 7.7

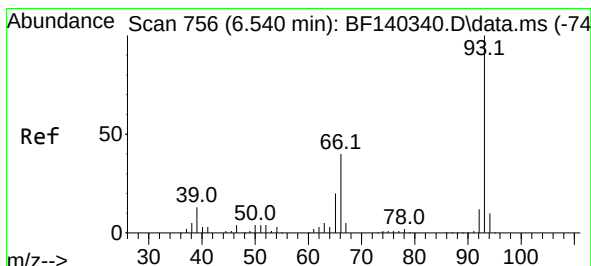
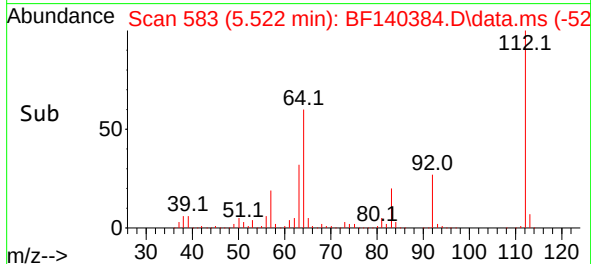
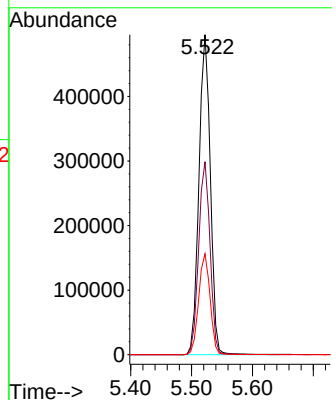
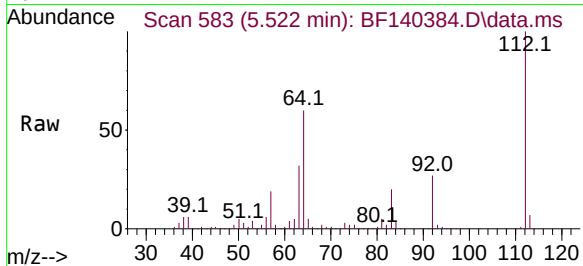




#5
2-Fluorophenol
Concen: 96.273 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

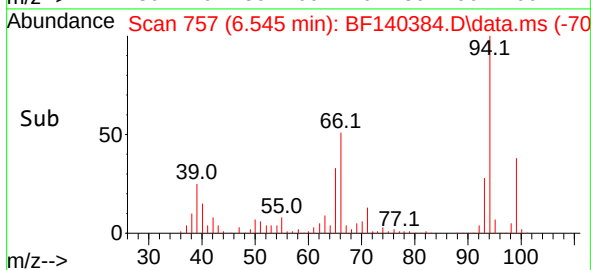
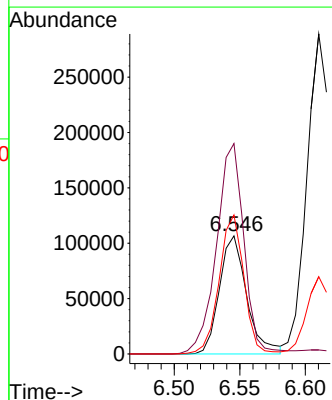
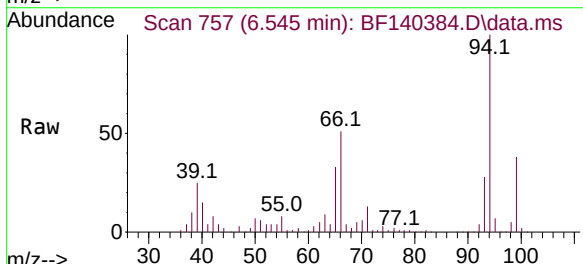
Instrument :
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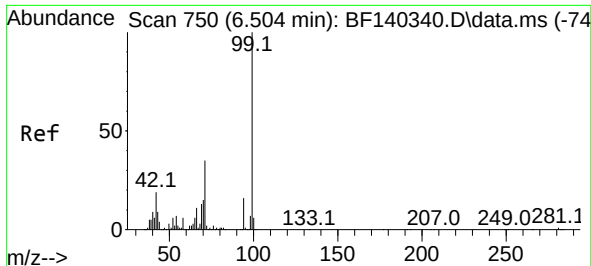
Tgt Ion:112 Resp: 643246
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.6 25.6 38.4



#6
Aniline
Concen: 19.617 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion: 93 Resp: 154474
Ion Ratio Lower Upper
93 100
66 178.1 32.8 49.2#
65 117.8 16.6 25.0#

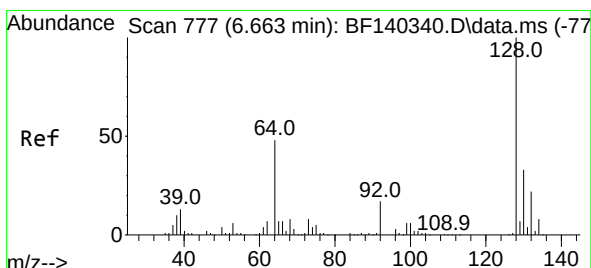
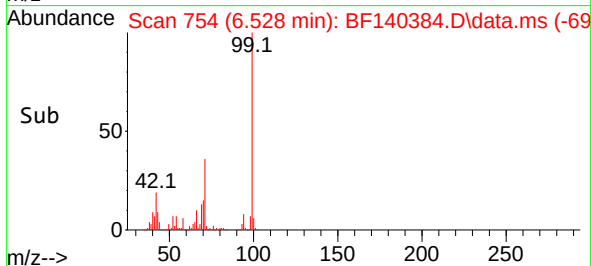
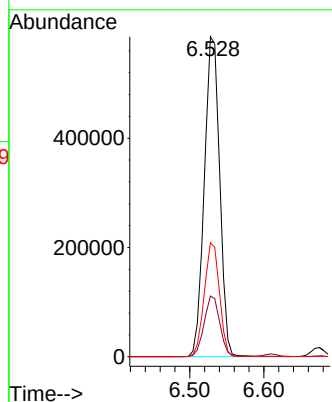
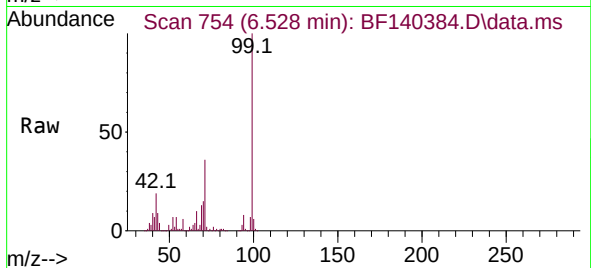




#7
Phenol-d6
Concen: 93.373 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.024 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

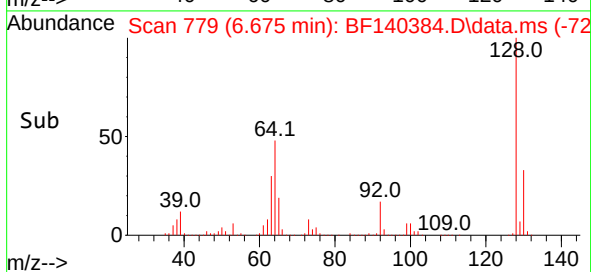
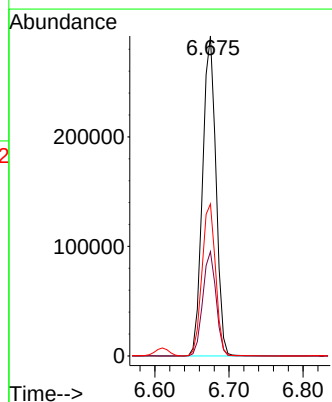
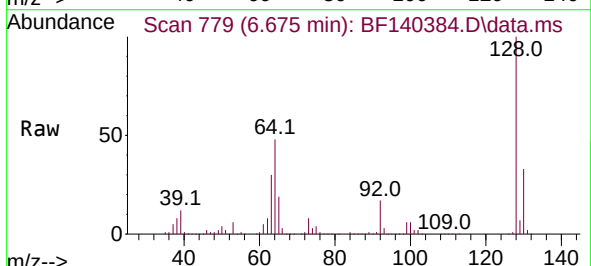
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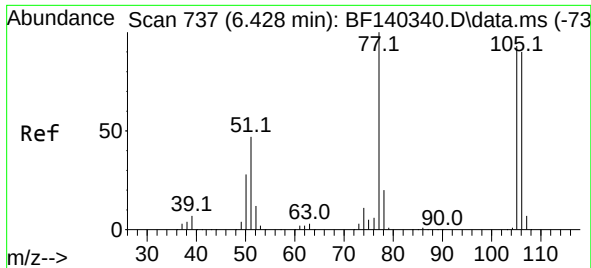
Tgt Ion: 99 Resp: 845241
Ion Ratio Lower Upper
99 100
42 19.0 15.1 22.7
71 35.6 27.9 41.9



#8
2-Chlorophenol
Concen: 51.125 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.012 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion: 128 Resp: 366932
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 47.5 30.2 70.2

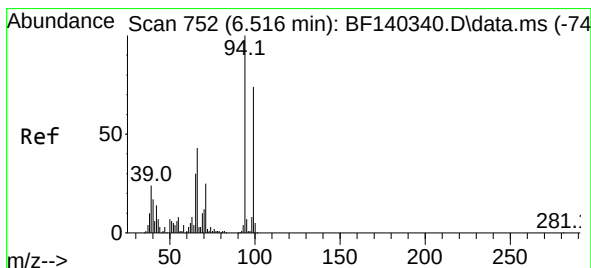
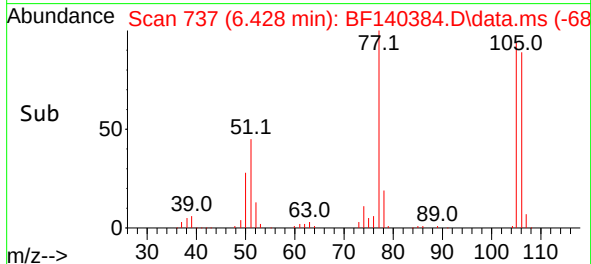
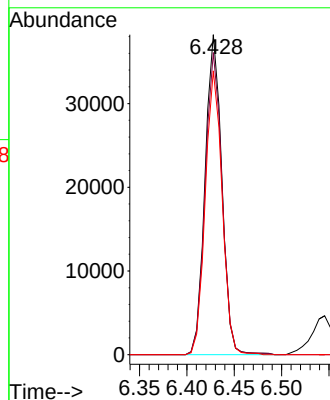
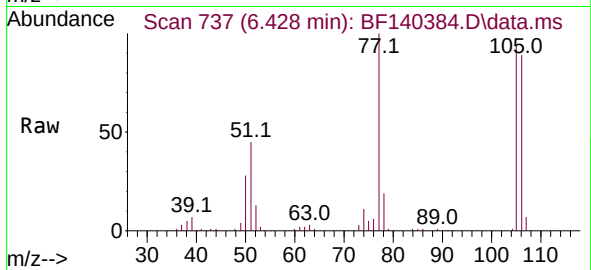




#9
Benzaldehyde
Concen: 8.647 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

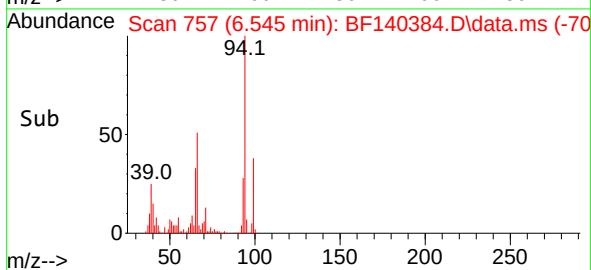
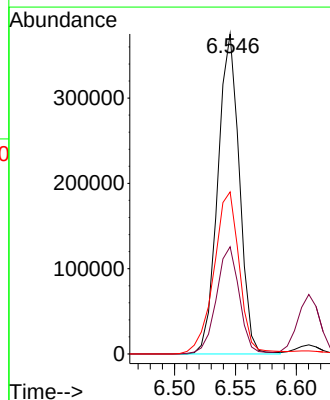
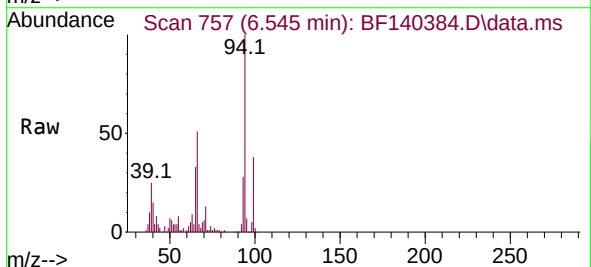
Instrument :
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ClientSampleId :
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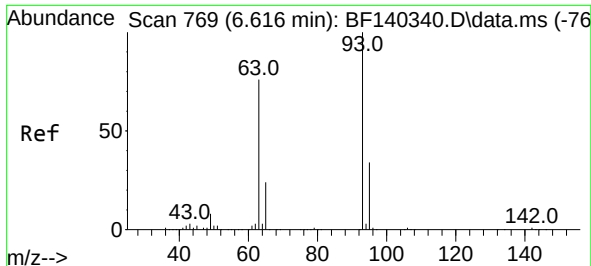
Tgt Ion:	77	Resp:	46915
Ion	Ratio	Lower	Upper
77	100		
105	94.4	74.4	114.4
106	88.7	69.9	109.9



#10
Phenol
Concen: 48.370 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.024 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:	94	Resp:	461756
Ion	Ratio	Lower	Upper
94	100		
65	33.5	10.4	50.4
66	50.6	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 51.725 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

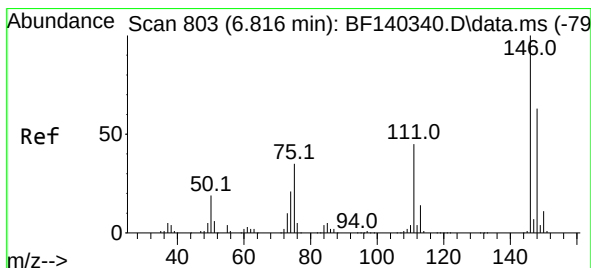
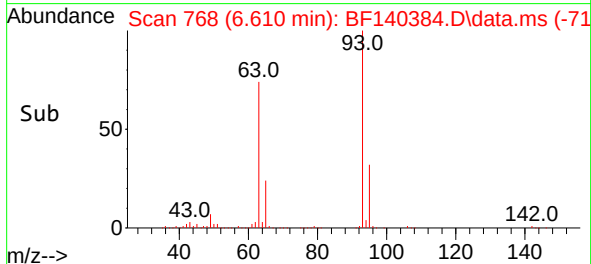
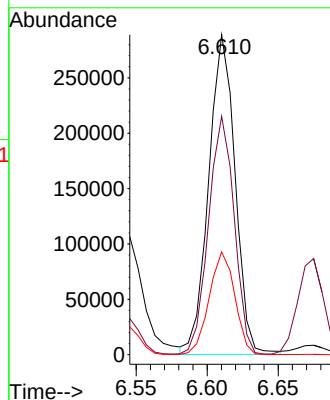
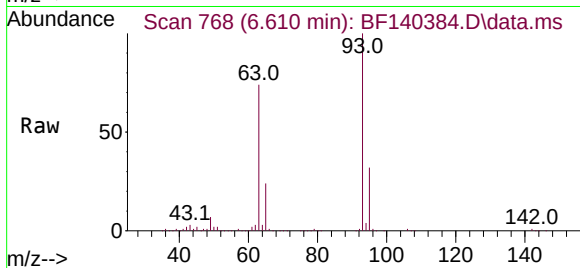
Tgt Ion: 93 Resp: 374140

Ion Ratio Lower Upper

93 100

63 74.5 54.0 94.0

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.865 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

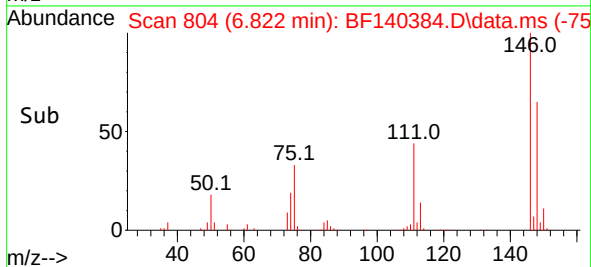
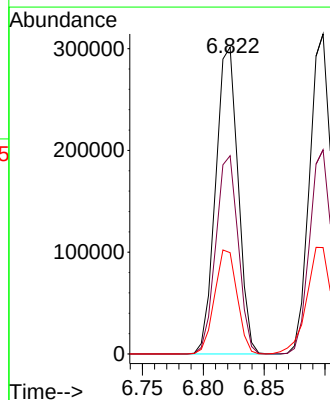
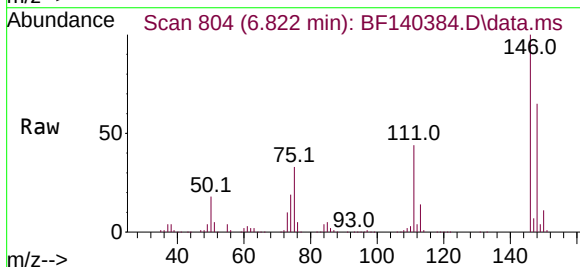
Tgt Ion: 146 Resp: 386959

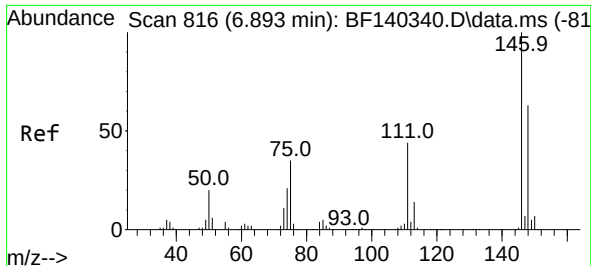
Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

75 33.0 26.4 39.6

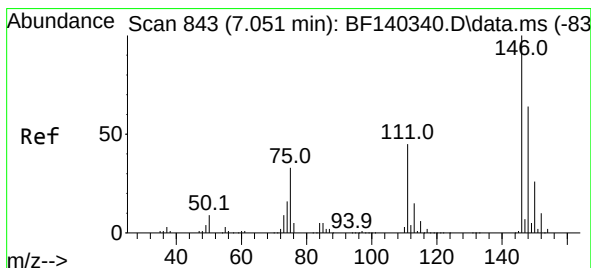
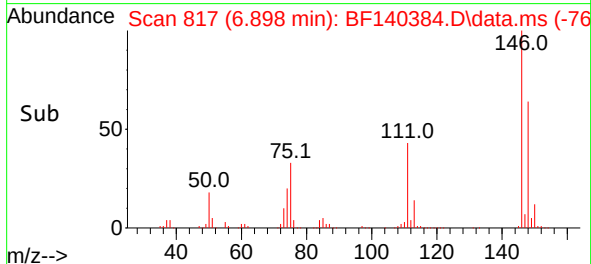
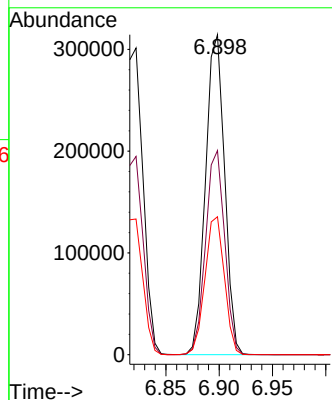
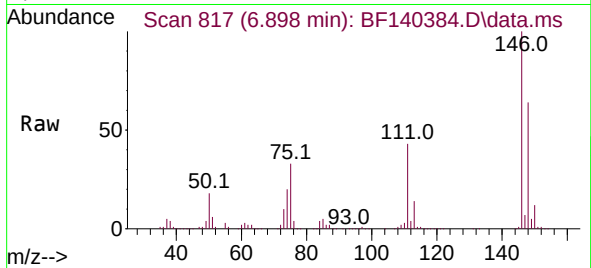




#13
1,4-Dichlorobenzene
Concen: 48.733 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

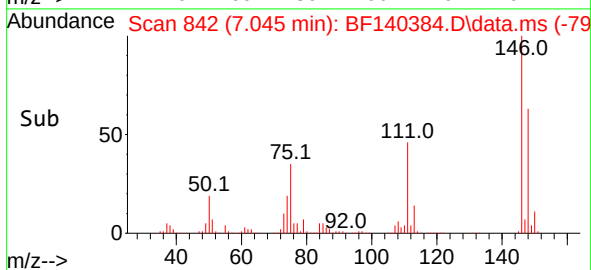
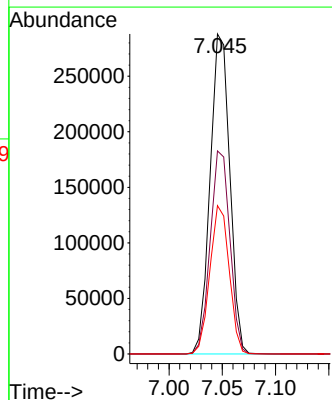
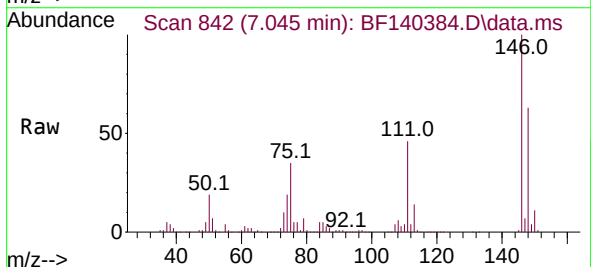
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

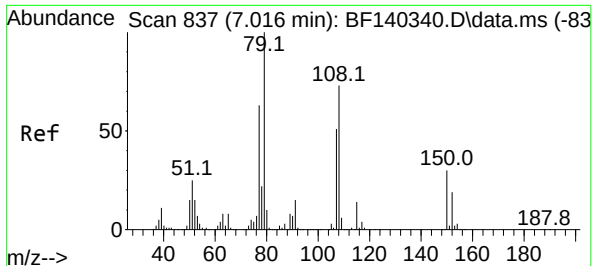
Tgt Ion:146 Resp: 391308
Ion Ratio Lower Upper
146 100
148 63.8 50.8 76.2
111 43.1 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 49.592 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:146 Resp: 369667
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 46.3 36.5 54.7

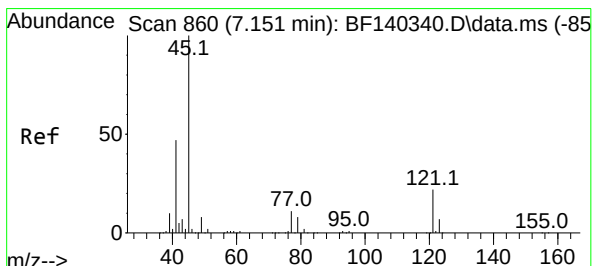
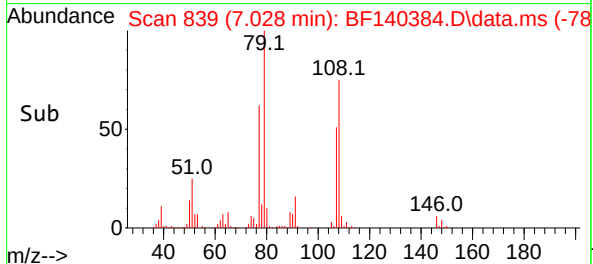
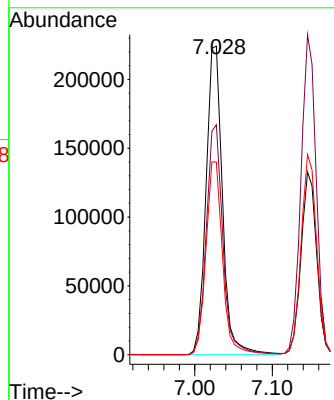
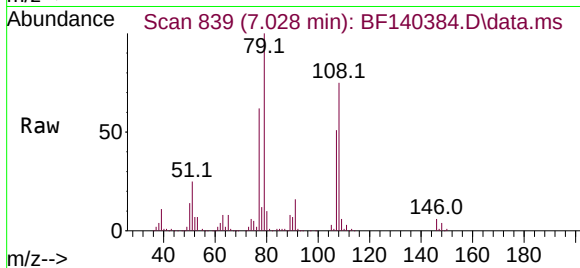




#15
Benzyl Alcohol
Concen: 50.661 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

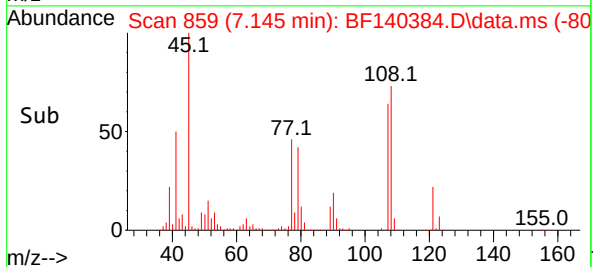
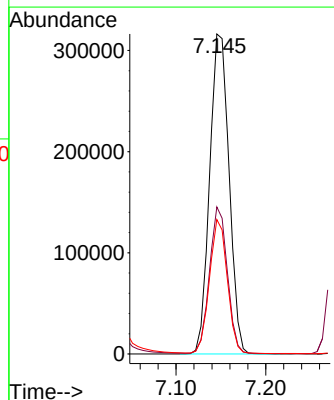
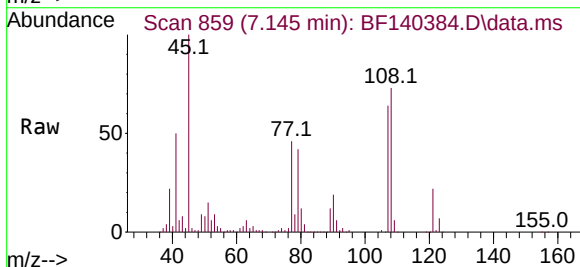
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

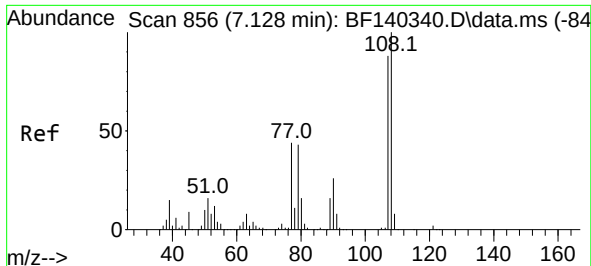
Tgt Ion: 79 Resp: 330408
Ion Ratio Lower Upper
79 100
108 74.6 57.8 86.6
77 62.5 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.503 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion: 45 Resp: 474608
Ion Ratio Lower Upper
45 100
77 46.0 0.0 34.8#
79 42.0 0.0 31.4#

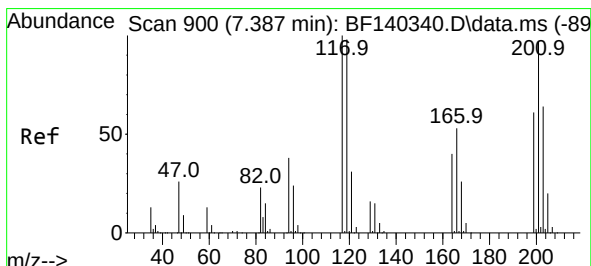
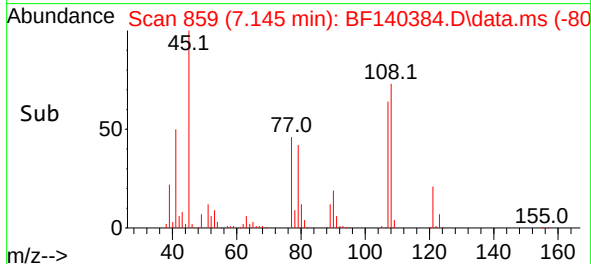
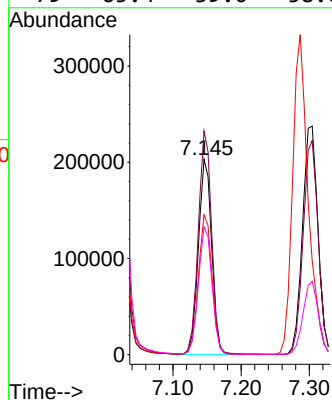
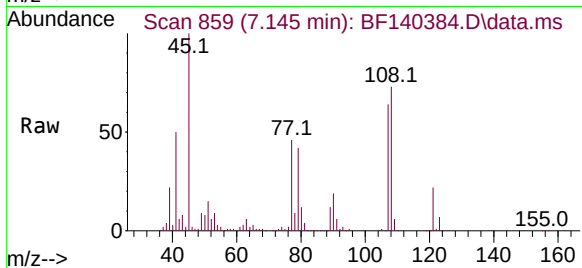




#17
2-Methylphenol
Concen: 46.509 ng
RT: 7.145 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

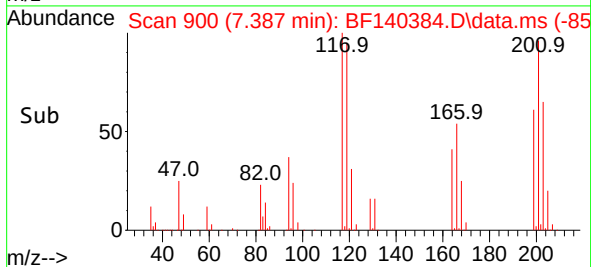
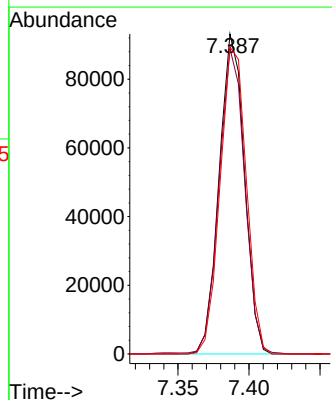
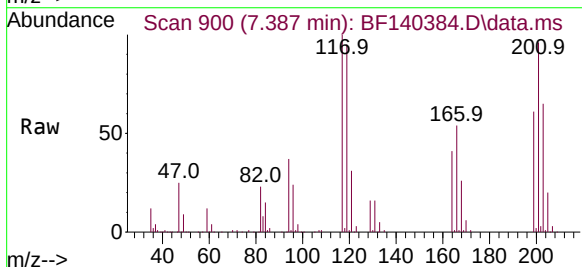
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

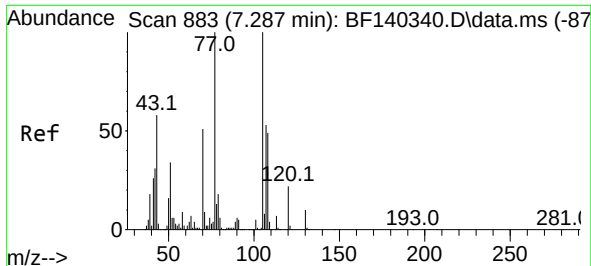
Tgt Ion:107 Resp: 274594
Ion Ratio Lower Upper
107 100
108 114.6 91.9 137.9
77 71.6 39.7 59.5#
79 65.4 39.0 58.6#



#18
Hexachloroethane
Concen: 38.824 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:117 Resp: 115246
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3
201 95.9 80.2 120.4

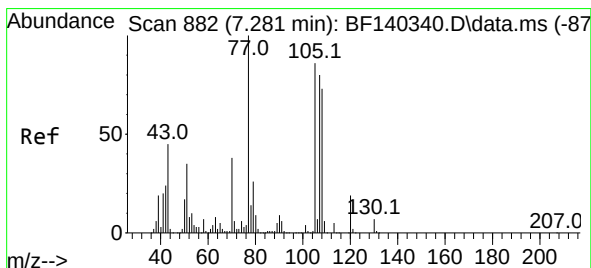
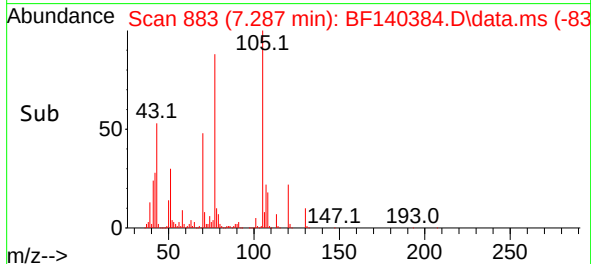
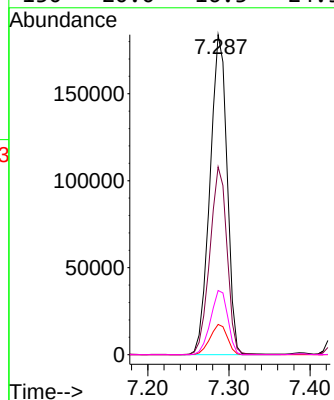
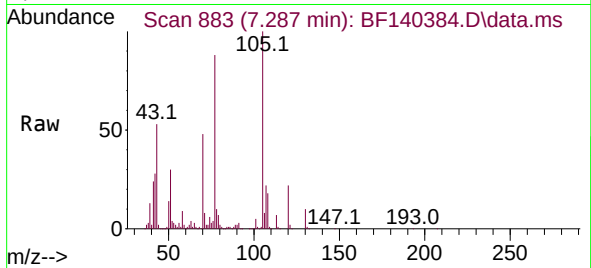




#19
n-Nitroso-di-n-propylamine
Concen: 49.097 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

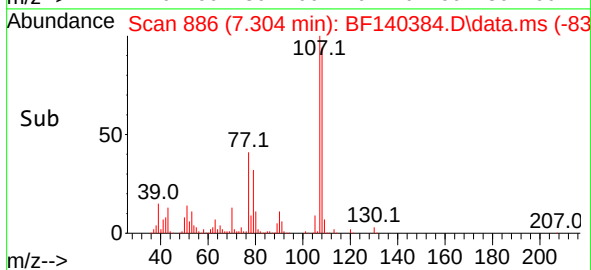
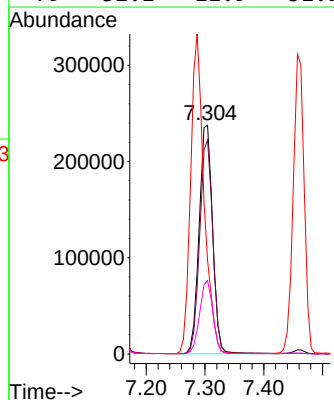
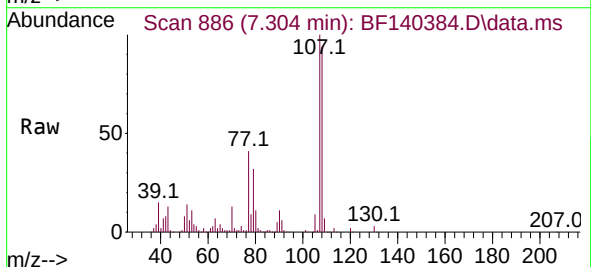
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

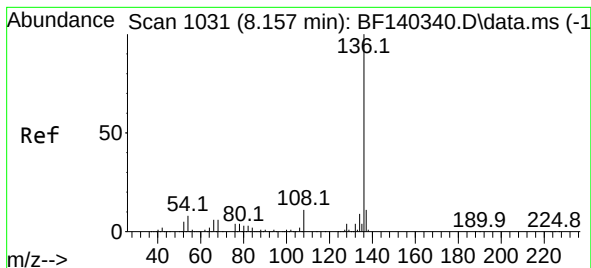
Tgt Ion: 70 Resp: 268425
Ion Ratio Lower Upper
70 100
42 58.7 46.8 70.2
101 9.5 7.5 11.3
130 20.0 16.3 24.5



#20
3+4-Methylphenols
Concen: 51.091 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.024 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion: 107 Resp: 377239
Ion Ratio Lower Upper
107 100
108 93.6 71.4 111.4
77 41.1 97.0 137.0#
79 32.1 11.9 51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

Tgt Ion:136 Resp: 399733

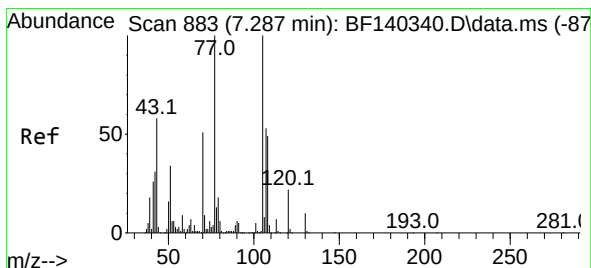
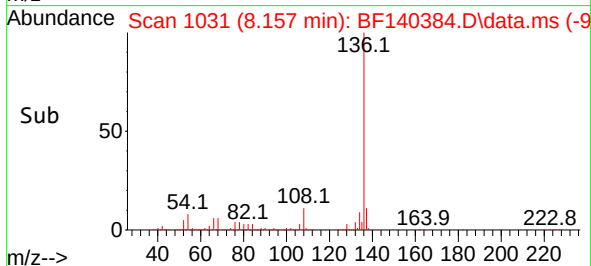
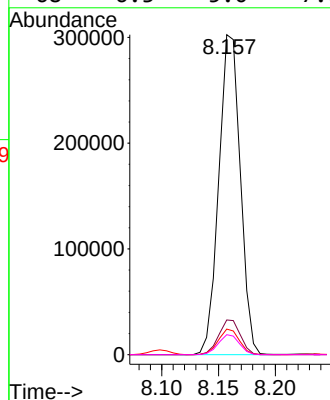
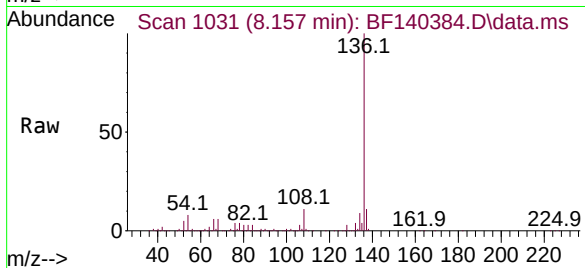
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.0 6.5 9.7

68 6.3 5.0 7.6



#22

Acetophenone

Concen: 53.274 ng

RT: 7.287 min Scan# 883

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Tgt Ion:105 Resp: 495289

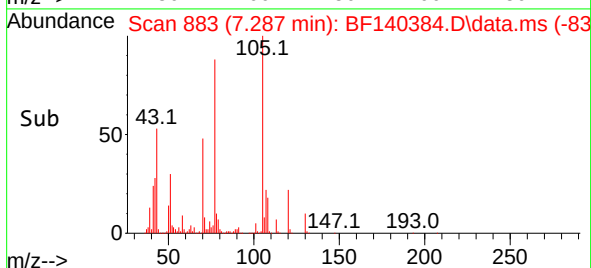
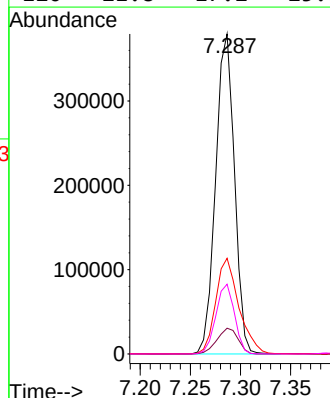
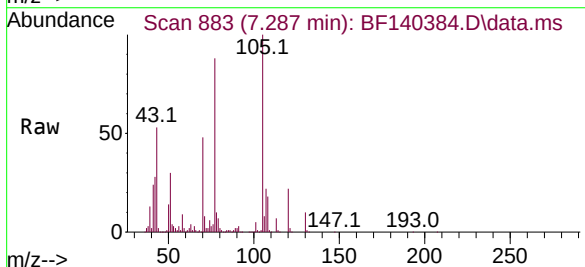
Ion Ratio Lower Upper

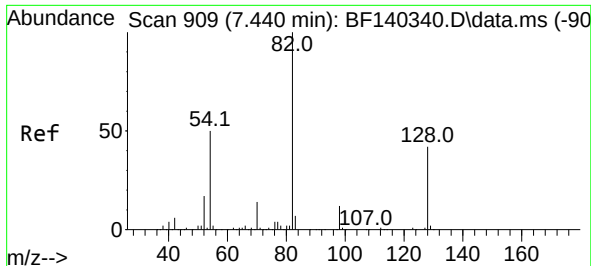
105 100

71 8.1 6.9 10.3

51 29.9 28.6 43.0

120 21.8 17.2 25.8





#23

Nitrobenzene-d5

Concen: 66.691 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

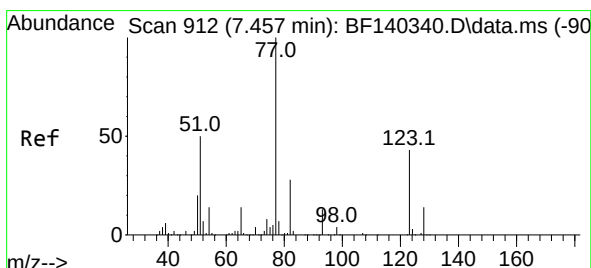
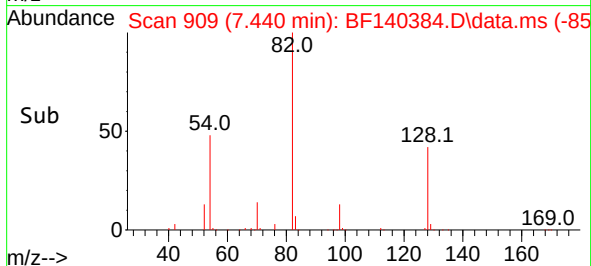
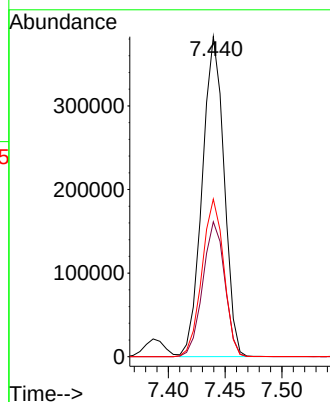
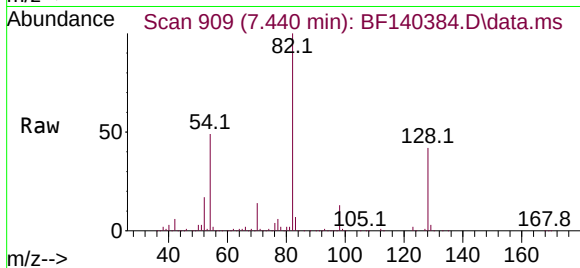
Tgt Ion: 82 Resp: 511654

Ion Ratio Lower Upper

82 100

128 42.2 33.3 49.9

54 49.2 39.8 59.8



#24

Nitrobenzene

Concen: 50.356 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

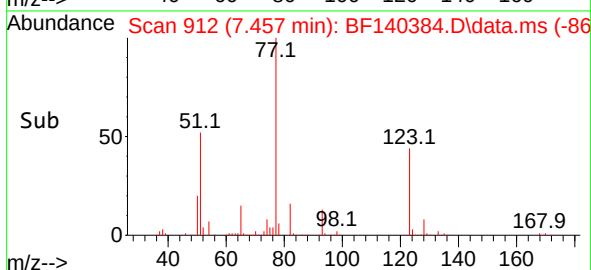
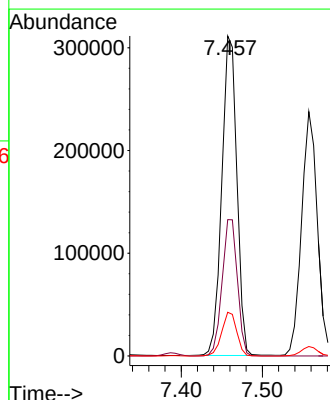
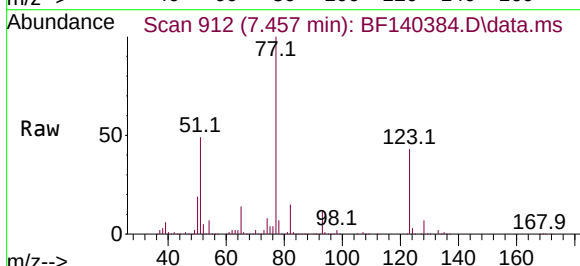
Tgt Ion: 77 Resp: 402240

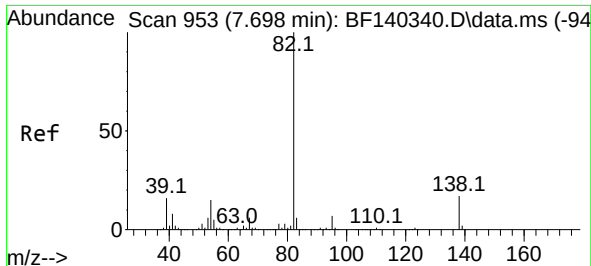
Ion Ratio Lower Upper

77 100

123 42.6 35.4 53.0

65 13.7 11.1 16.7

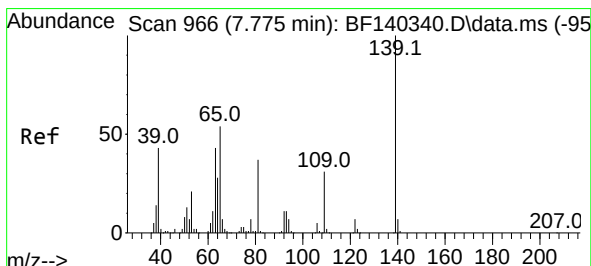
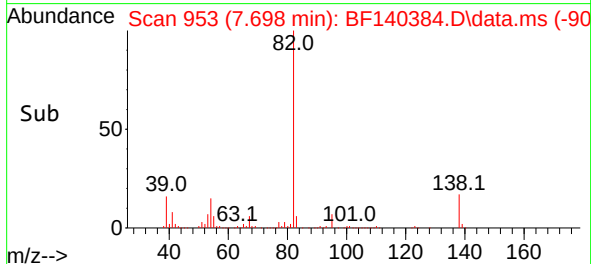
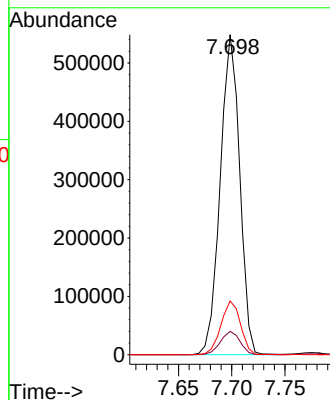
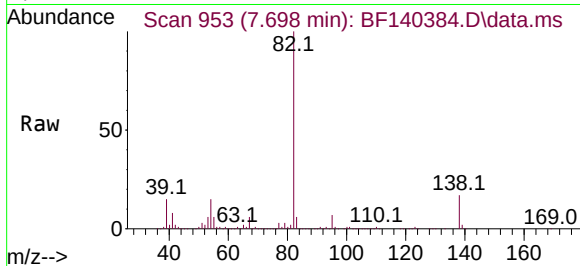




#25
Isophorone
Concen: 51.140 ng
RT: 7.698 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

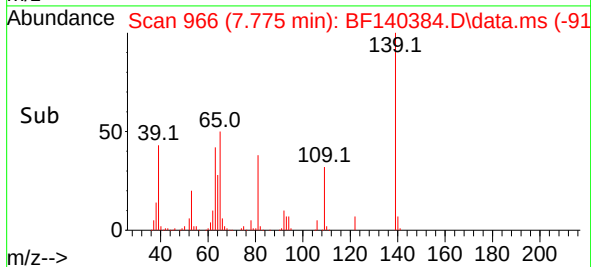
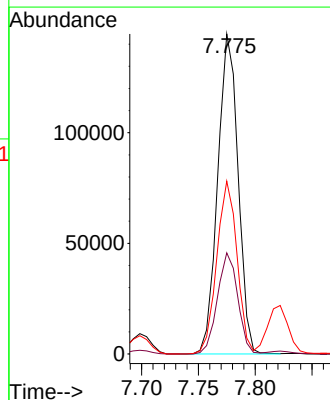
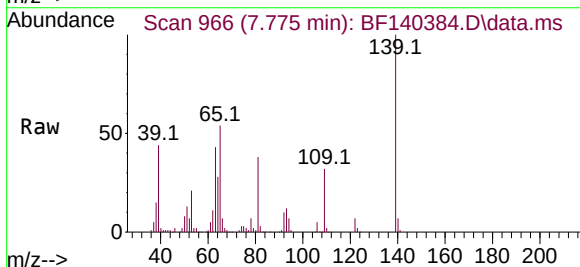
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

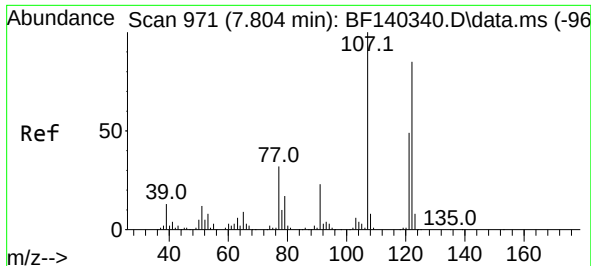
Tgt Ion: 82 Resp: 695352
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.8 13.4 20.2



#26
2-Nitrophenol
Concen: 50.940 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

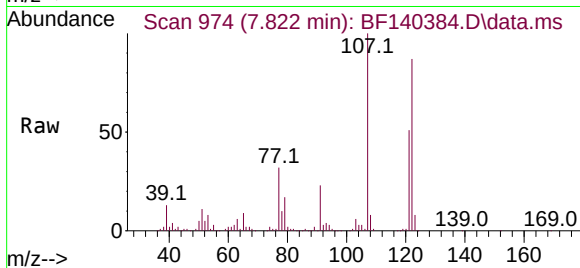
Tgt Ion:139 Resp: 180565
Ion Ratio Lower Upper
139 100
109 31.6 24.4 36.6
65 54.0 42.8 64.2



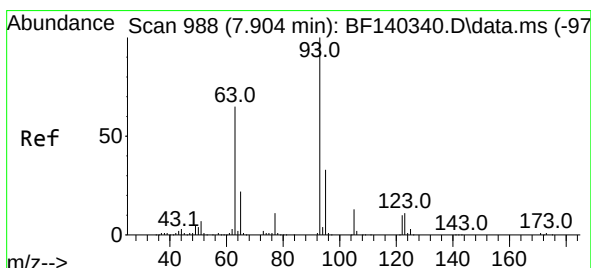
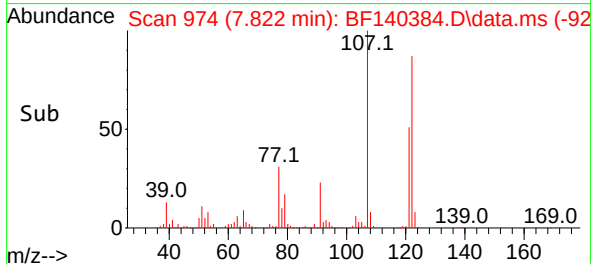
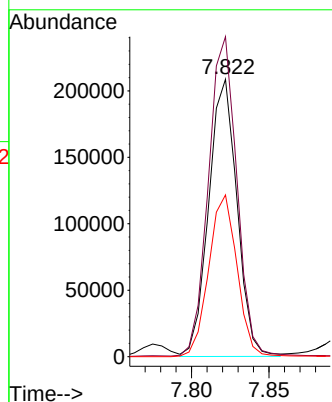


#27
2,4-Dimethylphenol
Concen: 58.428 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Instrument :
BNA_F
ClientSampleId :
BF-F14MS

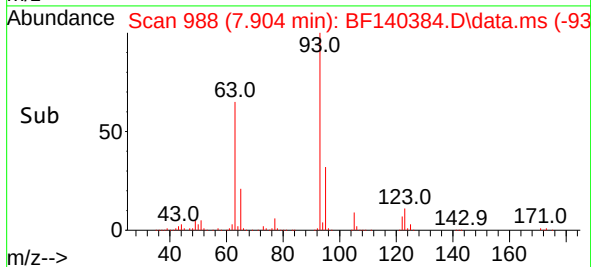
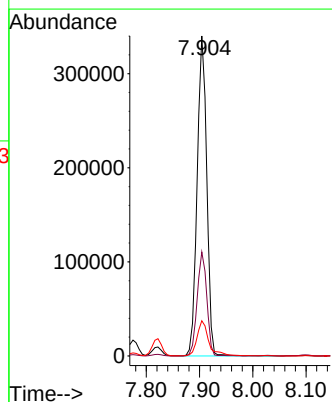
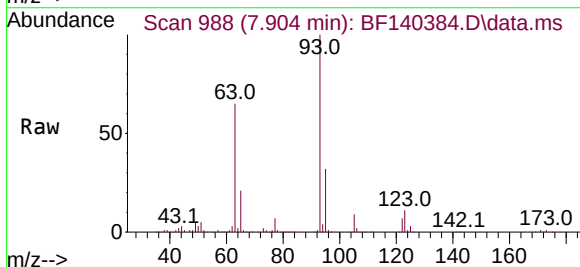


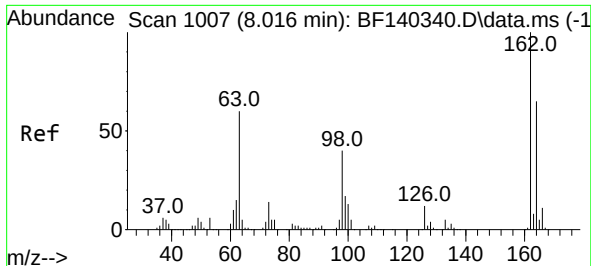
Tgt Ion:122 Resp: 265151
Ion Ratio Lower Upper
122 100
107 115.4 91.3 136.9
121 58.3 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 51.079 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion: 93 Resp: 425869
Ion Ratio Lower Upper
93 100
95 32.5 25.9 38.9
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.268 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

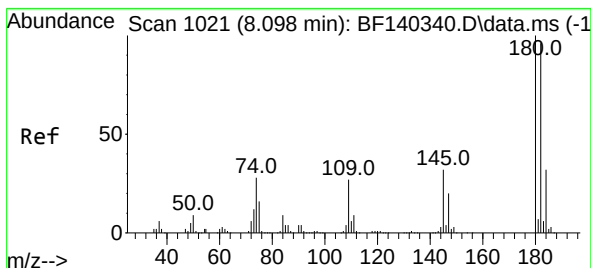
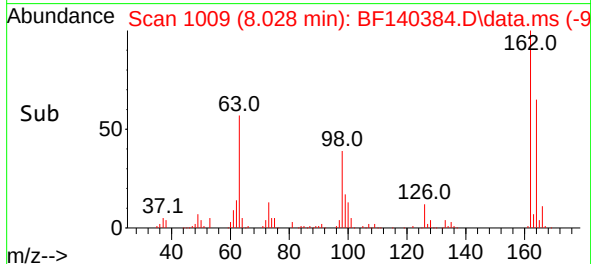
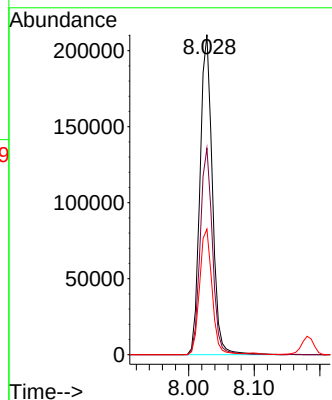
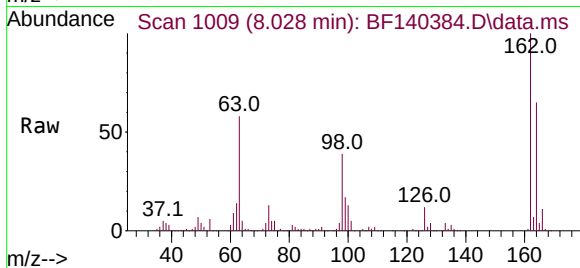
Tgt Ion:162 Resp: 276319

Ion Ratio Lower Upper

162 100

164 64.5 45.4 85.4

98 39.3 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 48.492 ng

RT: 8.098 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

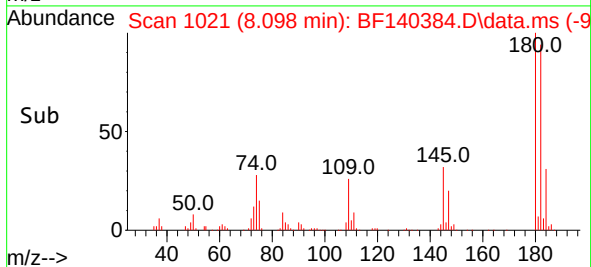
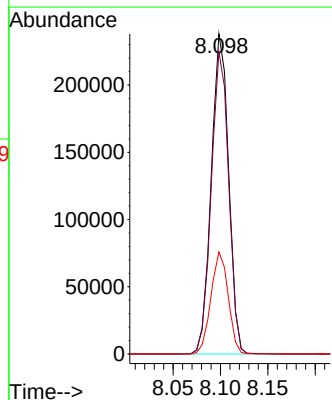
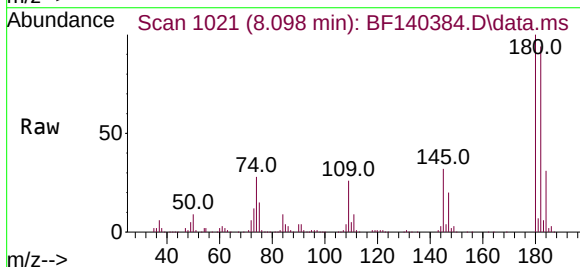
Tgt Ion:180 Resp: 302792

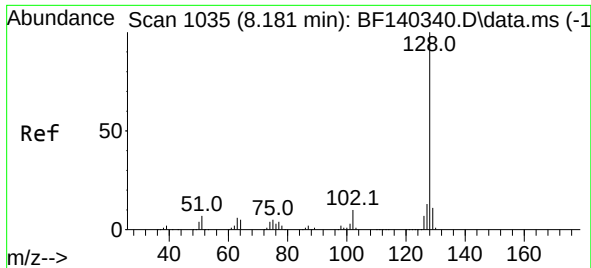
Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 31.9 25.3 37.9

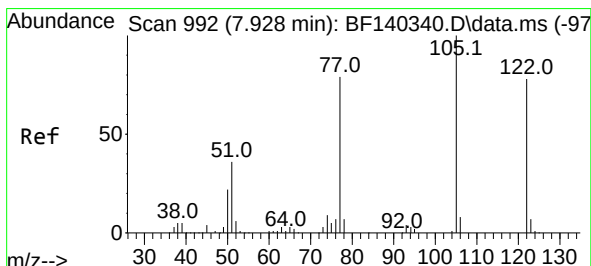
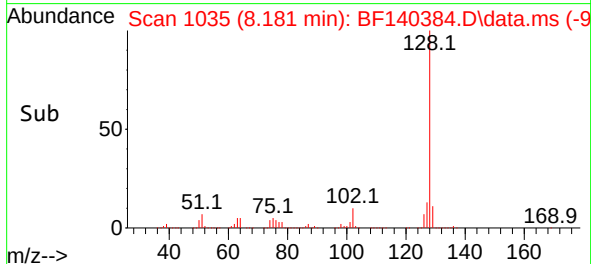
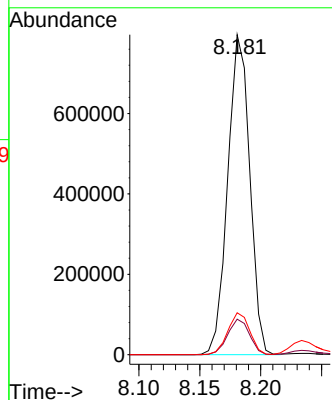
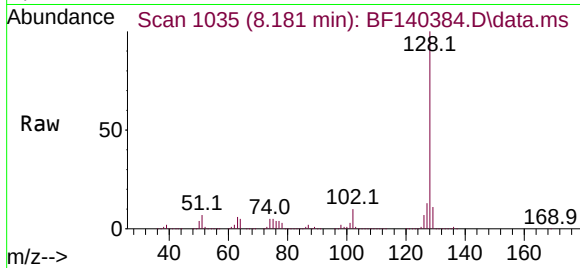




#31
Naphthalene
Concen: 49.386 ng
RT: 8.181 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

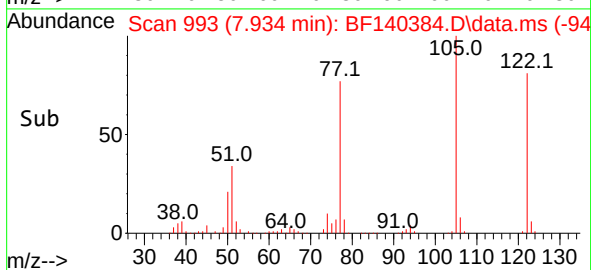
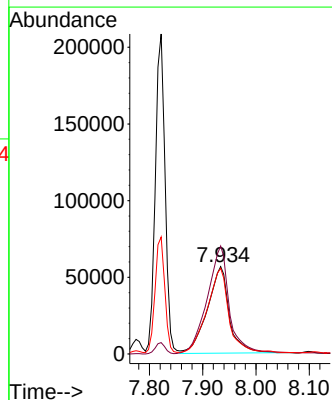
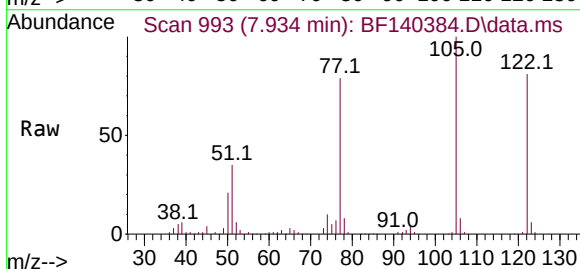
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

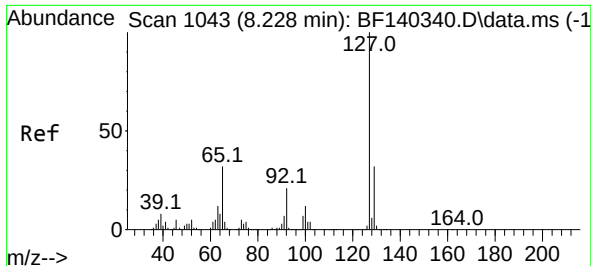
Tgt Ion:128 Resp: 1001427
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 15.8



#32
Benzoic acid
Concen: 40.501 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:122 Resp: 161731
Ion Ratio Lower Upper
122 100
105 123.6 100.9 140.9
77 98.1 76.0 116.0

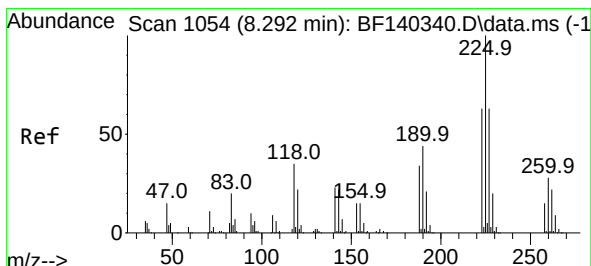
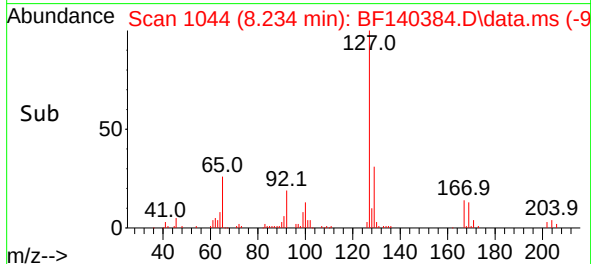
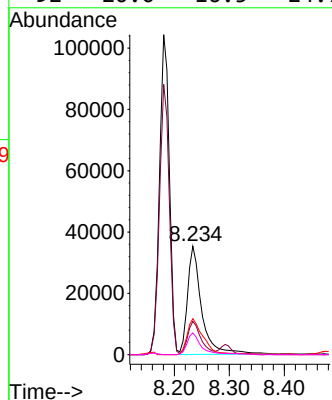
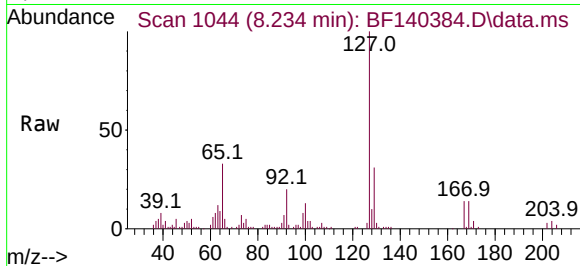




#33
4-Chloroaniline
Concen: 8.867 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

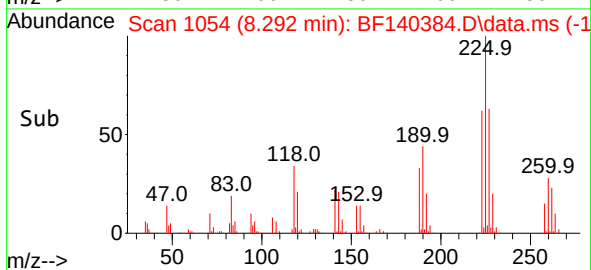
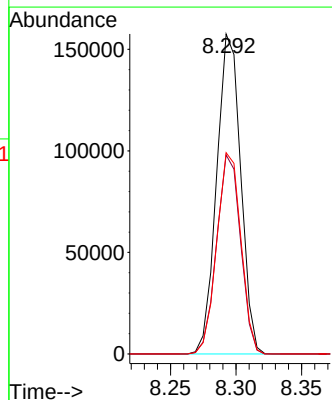
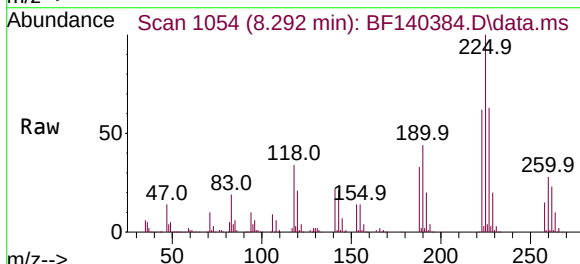
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

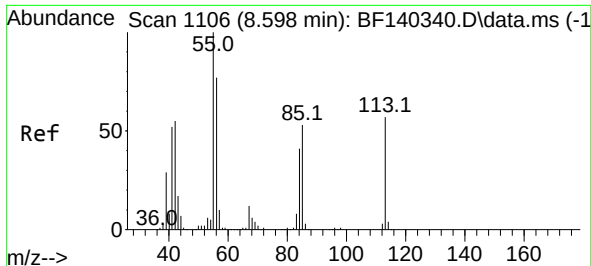
Tgt Ion:	127	Resp:	62528
Ion Ratio	Lower	Upper	
127	100		
129	30.7	26.2	39.4
65	33.2	25.8	38.6
92	20.0	16.5	24.7



#34
Hexachlorobutadiene
Concen: 50.376 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:	225	Resp:	200419
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.1	75.1
227	62.9	51.3	76.9

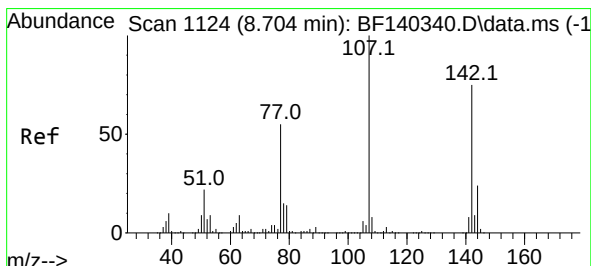
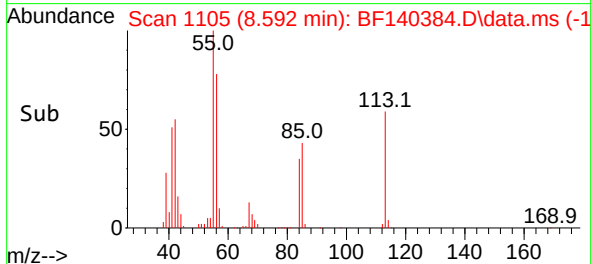
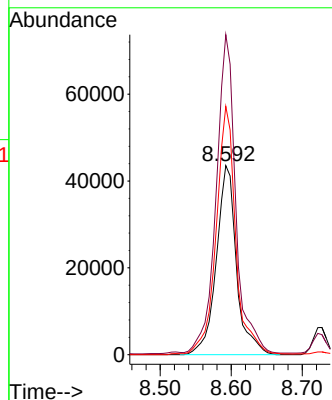
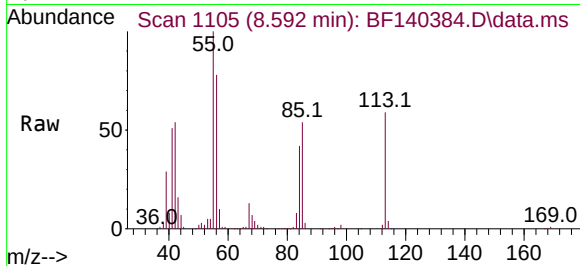




#35
 Caprolactam
 Concen: 45.850 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF140384.D
 Acq: 15 Nov 2024 00:58

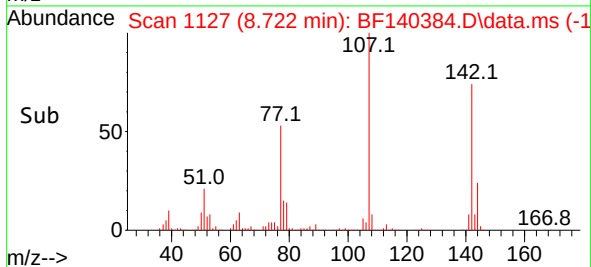
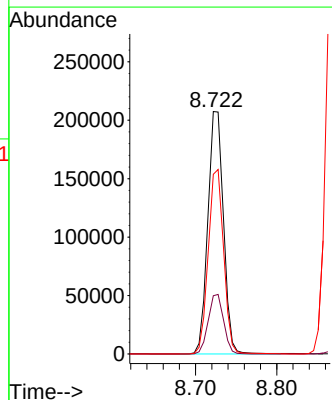
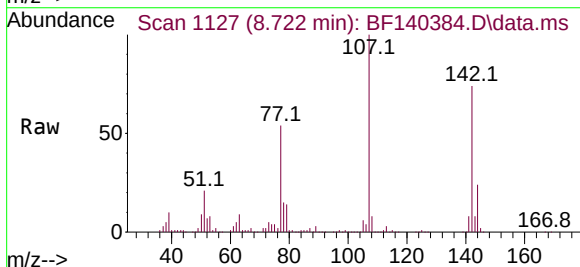
Instrument :
 BNA_F
 ClientSampleId :
 BF-F14MS

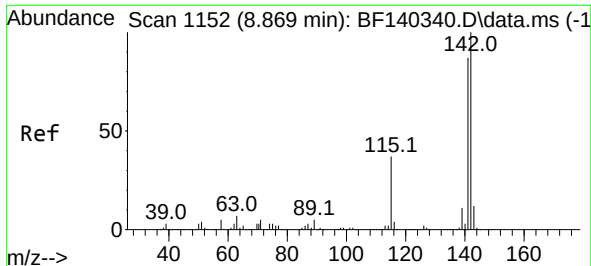
Tgt Ion:113 Resp: 85469
 Ion Ratio Lower Upper
 113 100
 55 169.2 150.0 190.0
 56 131.3 111.1 151.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.648 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.018 min
 Lab File: BF140384.D
 Acq: 15 Nov 2024 00:58

Tgt Ion:107 Resp: 277501
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 74.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 47.279 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

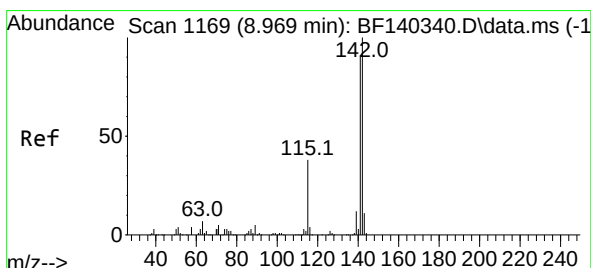
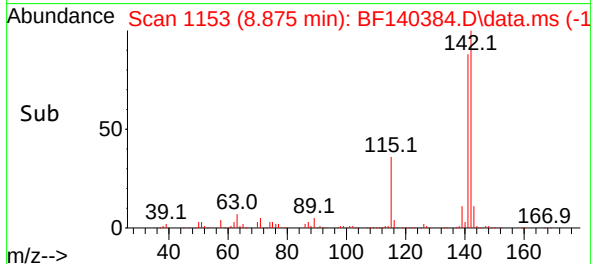
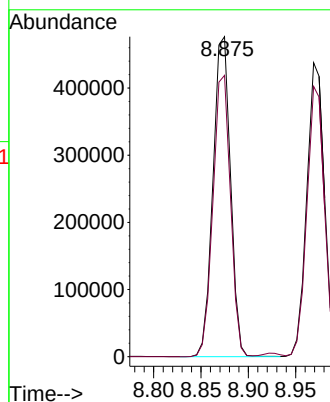
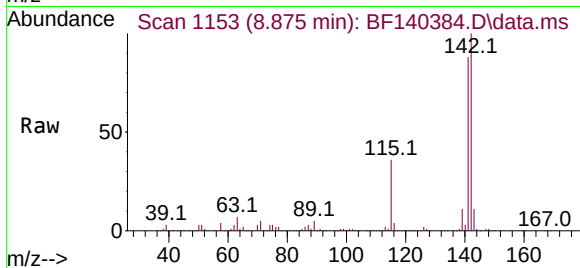
BF-F14MS

Tgt Ion:142 Resp: 614739

Ion Ratio Lower Upper

142 100

141 87.9 70.4 105.6



#38

1-Methylnaphthalene

Concen: 44.126 ng

RT: 8.969 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF140384.D

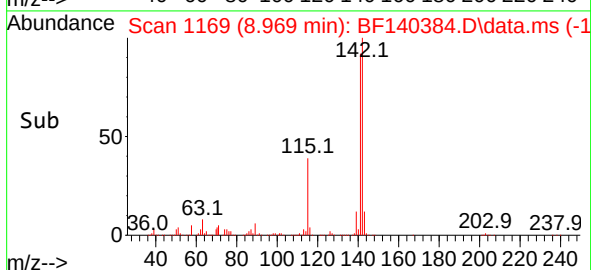
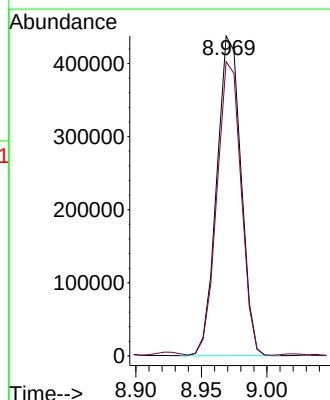
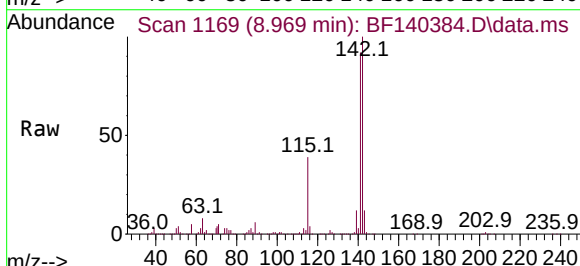
Acq: 15 Nov 2024 00:58

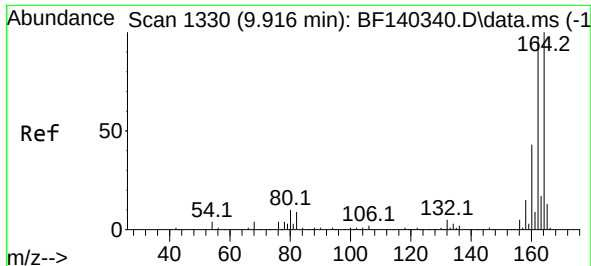
Tgt Ion:142 Resp: 561842

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

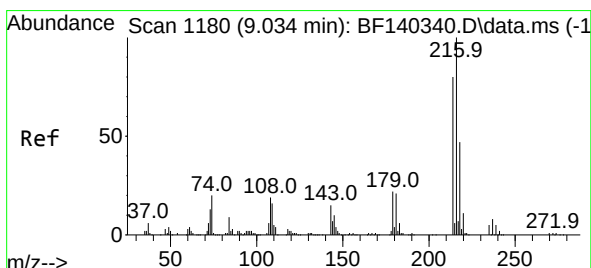
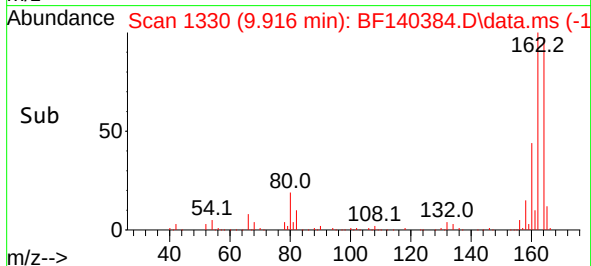
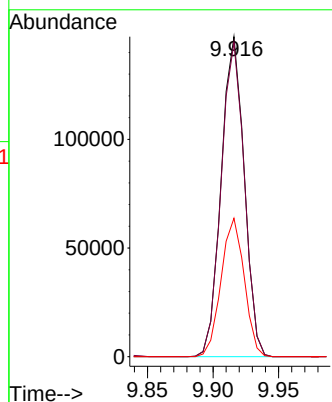
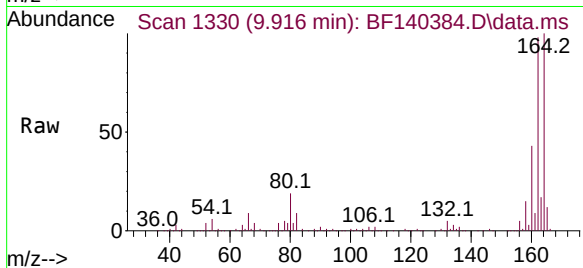
Tgt Ion:164 Resp: 179233

Ion Ratio Lower Upper

164 100

162 98.2 79.8 119.8

160 43.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 57.729 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Tgt Ion:216 Resp: 286126

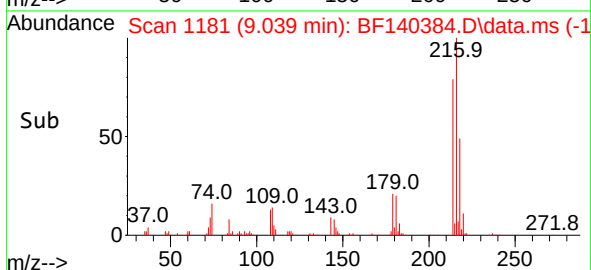
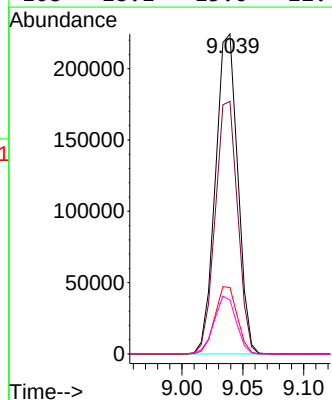
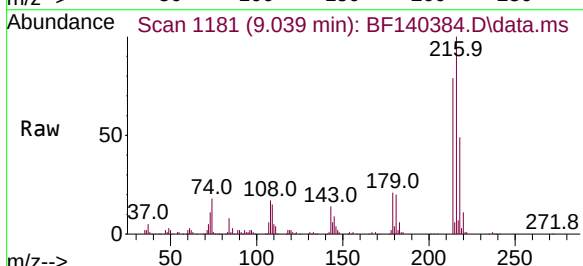
Ion Ratio Lower Upper

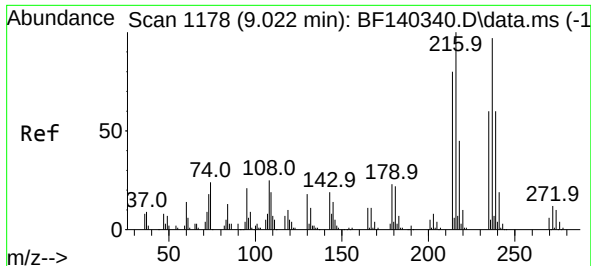
216 100

214 79.3 63.2 94.8

179 21.1 17.2 25.8

108 18.1 15.0 22.4

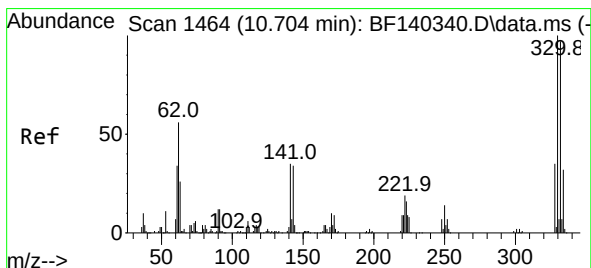
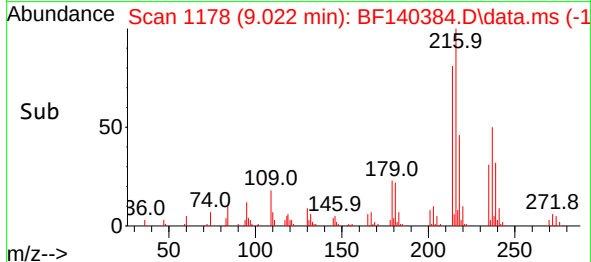
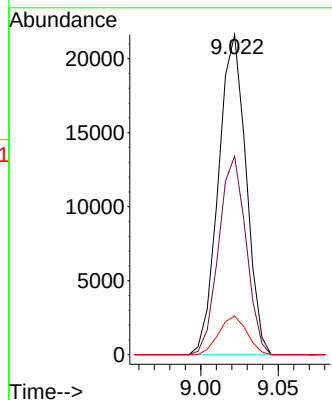
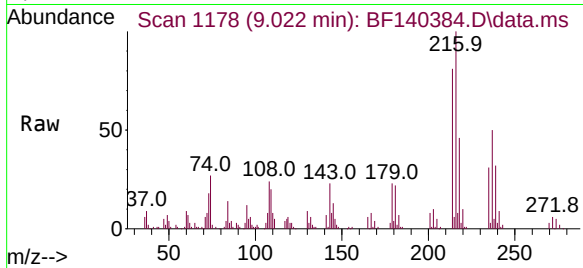




#41
Hexachlorocyclopentadiene
Concen: 21.076 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

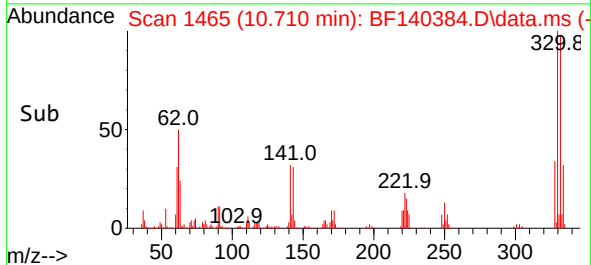
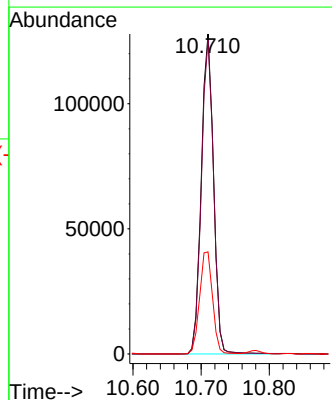
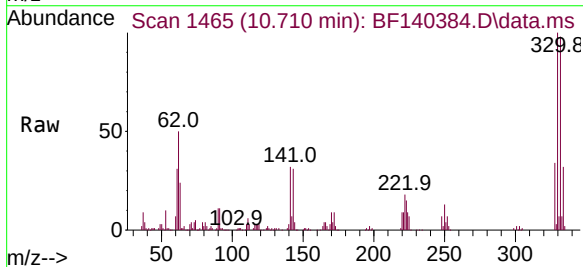
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

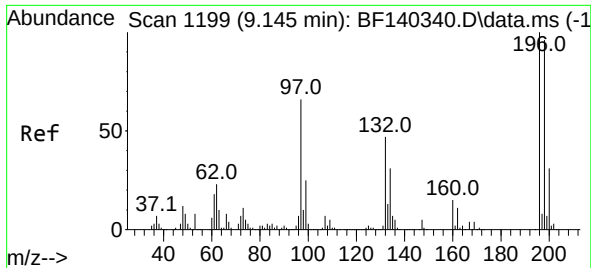
Tgt Ion:237 Resp: 26821
Ion Ratio Lower Upper
237 100
235 62.1 42.8 82.8
272 12.1 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 89.591 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:330 Resp: 159681
Ion Ratio Lower Upper
330 100
332 97.5 75.9 113.9
141 33.7 26.9 40.3

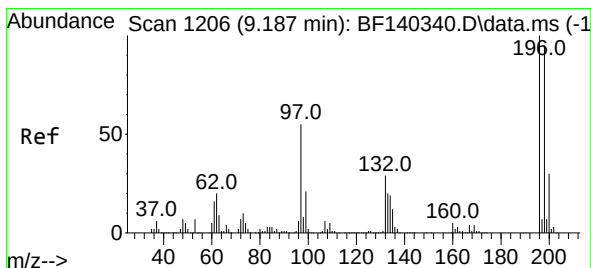
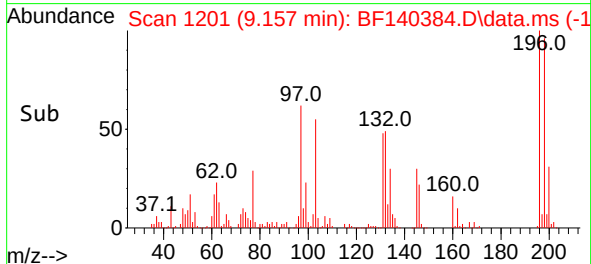
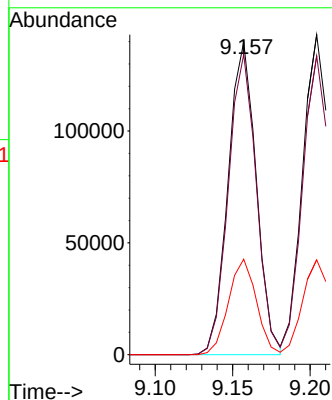
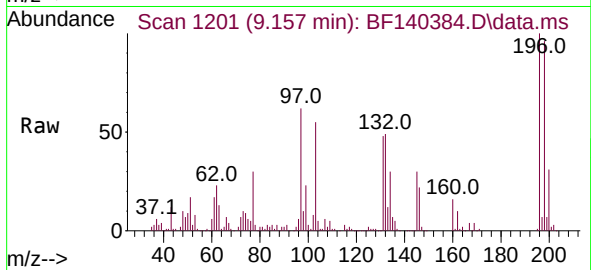




#43
 2,4,6-Trichlorophenol
 Concen: 54.170 ng
 RT: 9.157 min Scan# 1199
 Delta R.T. 0.012 min
 Lab File: BF140384.D
 Acq: 15 Nov 2024 00:58

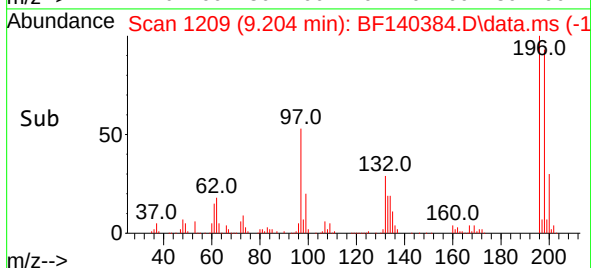
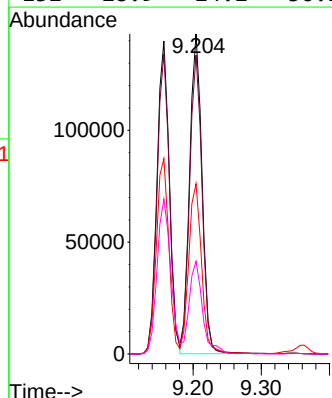
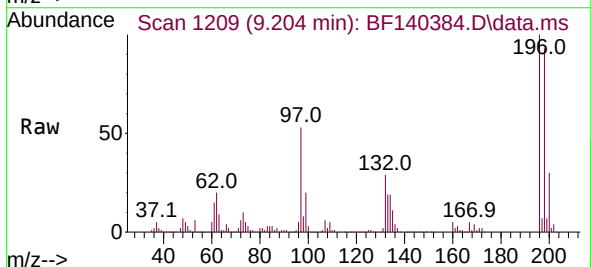
Instrument :
 BNA_F
 ClientSampleId :
 BF-F14MS

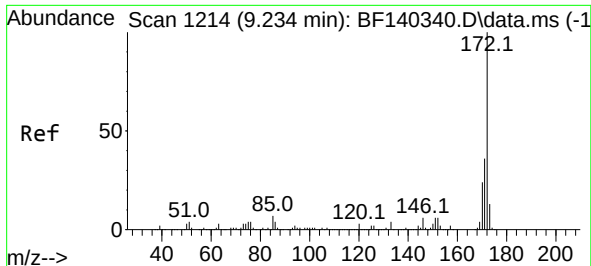
Tgt Ion:196 Resp: 176199
 Ion Ratio Lower Upper
 196 100
 198 96.0 77.0 115.4
 200 30.5 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 50.663 ng
 RT: 9.204 min Scan# 1209
 Delta R.T. 0.018 min
 Lab File: BF140384.D
 Acq: 15 Nov 2024 00:58

Tgt Ion:196 Resp: 180171
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.6 116.4
 97 53.2 45.4 68.2
 132 28.9 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 76.528 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

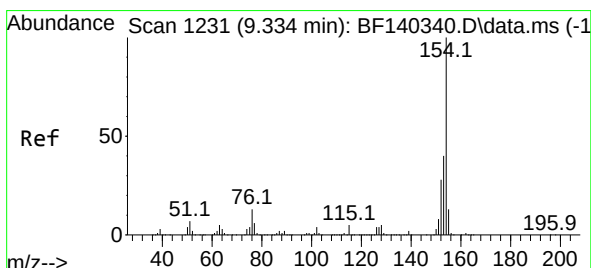
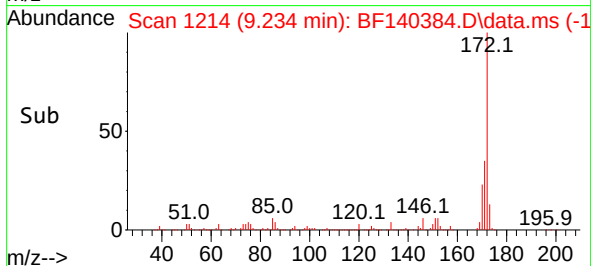
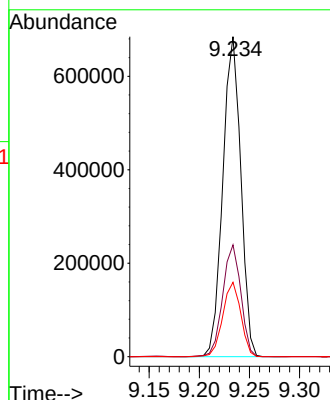
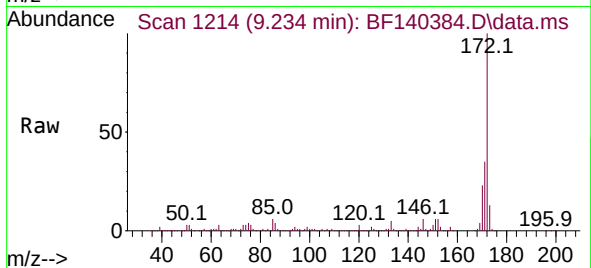
Tgt Ion:172 Resp: 853248

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.3 19.1 28.7



#46

1,1'-Biphenyl

Concen: 56.099 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

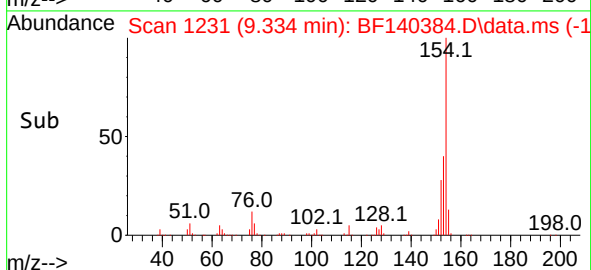
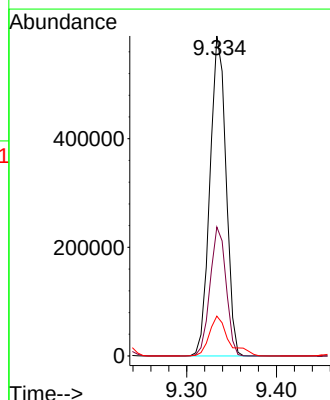
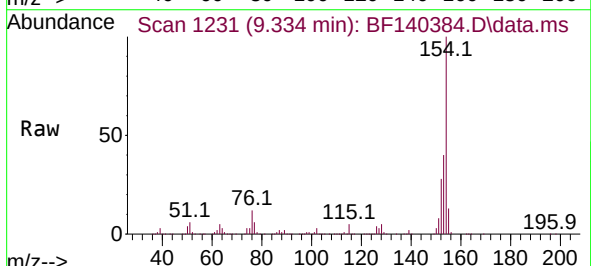
Tgt Ion:154 Resp: 731486

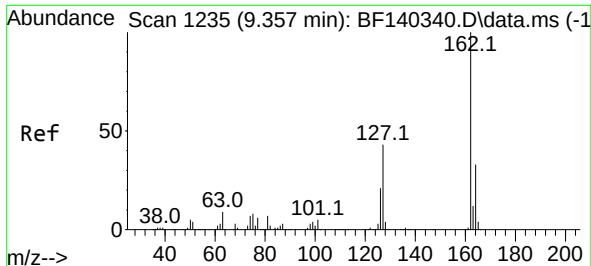
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 12.4 0.0 32.9

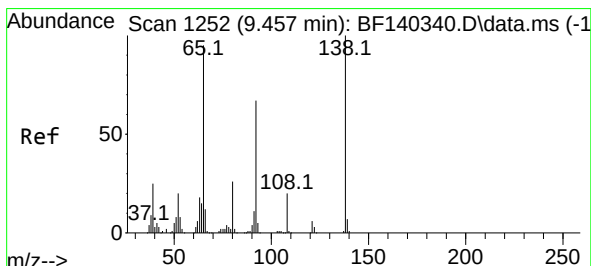
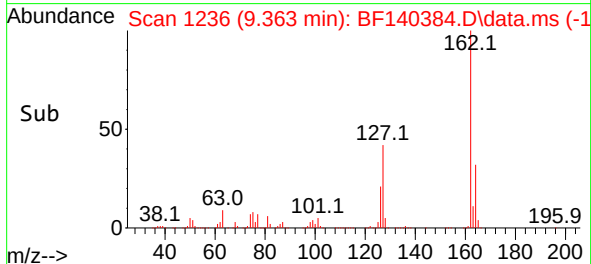
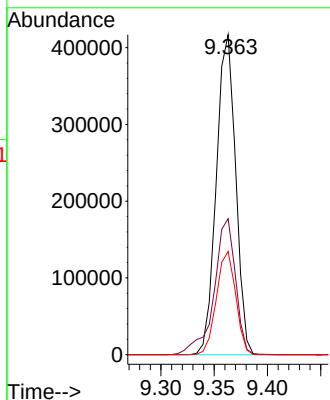
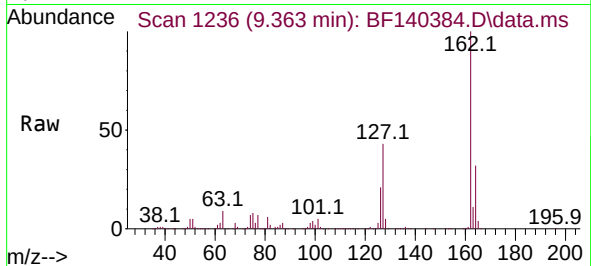




#47
2-Chloronaphthalene
Concen: 52.825 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

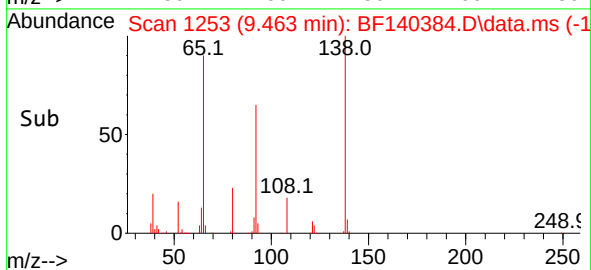
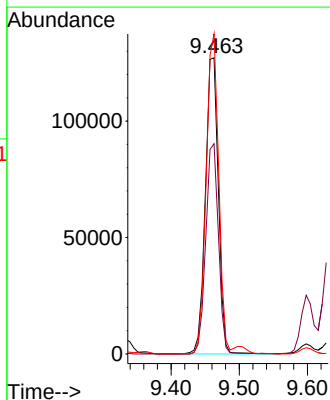
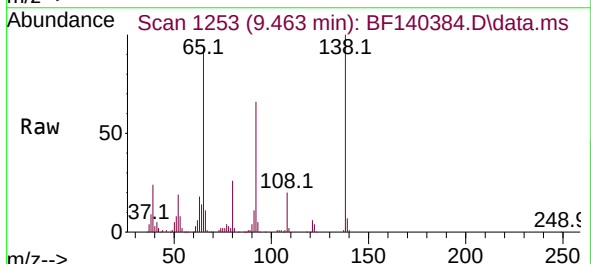
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

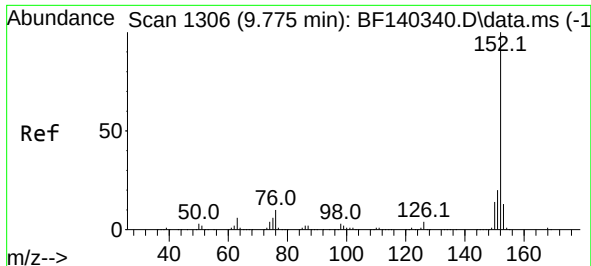
Tgt Ion:162 Resp: 524700
Ion Ratio Lower Upper
162 100
127 42.5 34.0 51.0
164 32.2 26.5 39.7



#48
2-Nitroaniline
Concen: 51.158 ng
RT: 9.463 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion: 65 Resp: 168520
Ion Ratio Lower Upper
65 100
92 71.0 56.4 84.6
138 108.0 84.8 127.2





#49

Acenaphthylene

Concen: 54.639 ng

RT: 9.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

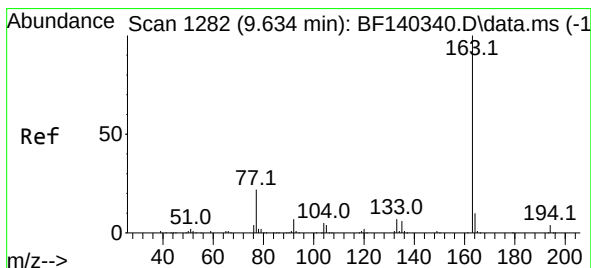
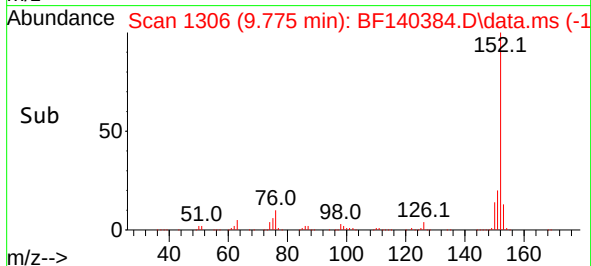
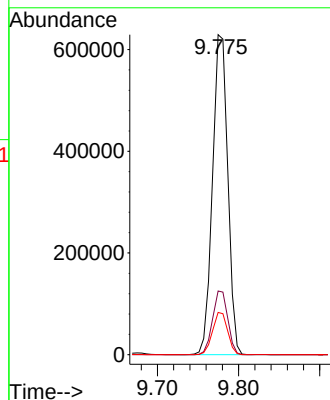
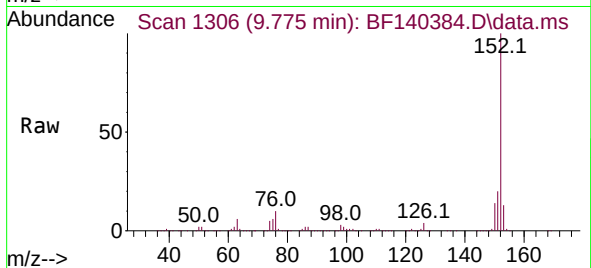
Tgt Ion:152 Resp: 821125

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 54.862 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

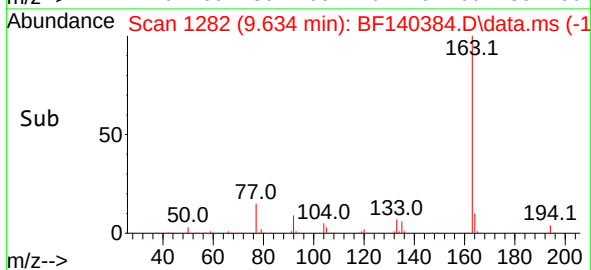
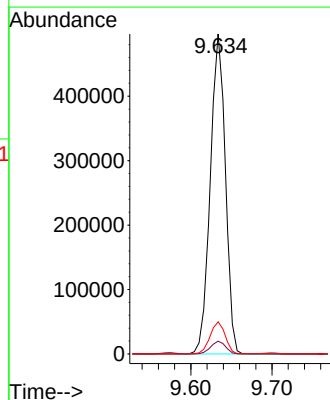
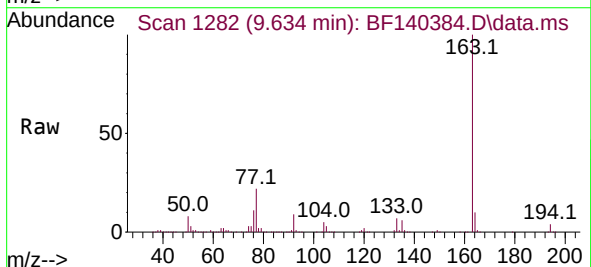
Tgt Ion:163 Resp: 640934

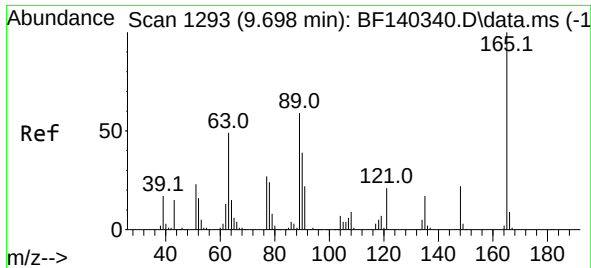
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.1 8.2 12.4

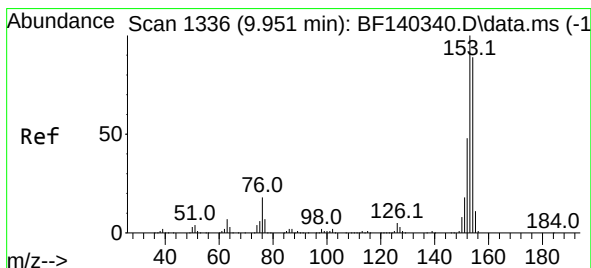
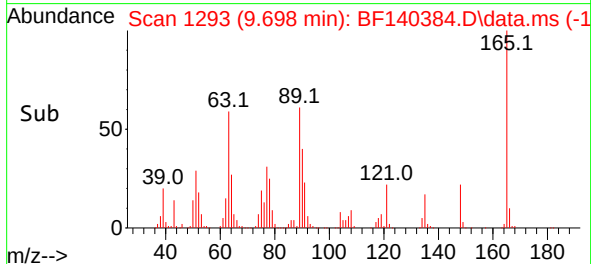
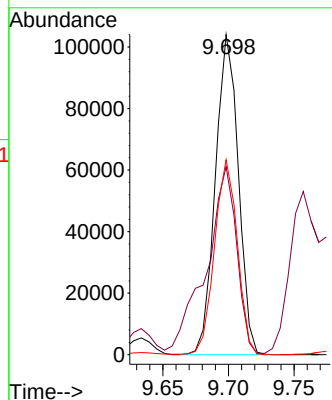
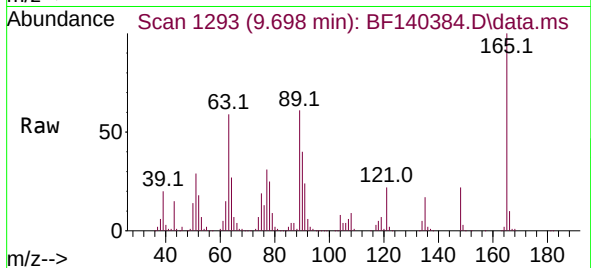




#51
2,6-Dinitrotoluene
Concen: 47.433 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

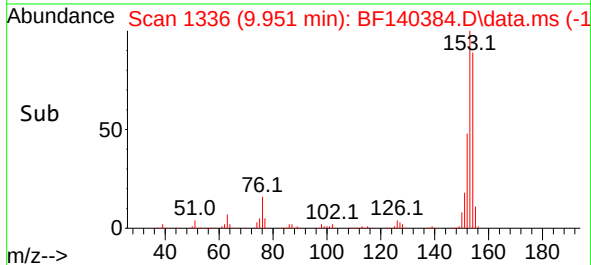
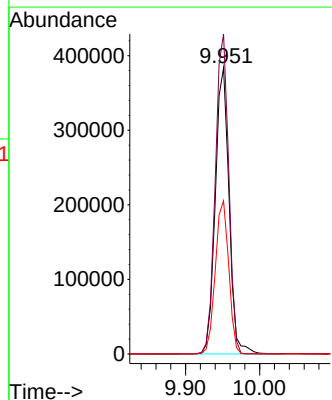
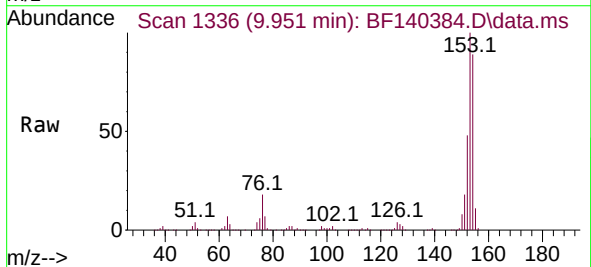
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

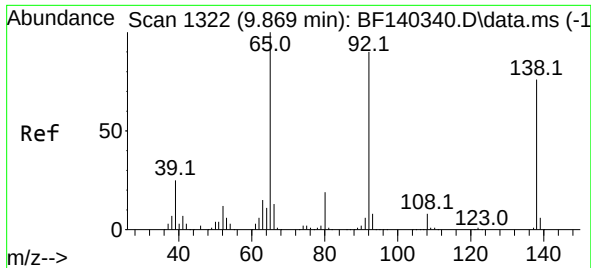
Tgt Ion:165 Resp: 126329
Ion Ratio Lower Upper
165 100
63 58.8 47.6 71.4
89 60.9 48.1 72.1



#52
Acenaphthene
Concen: 48.742 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:154 Resp: 494751
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.8
152 53.6 42.6 64.0

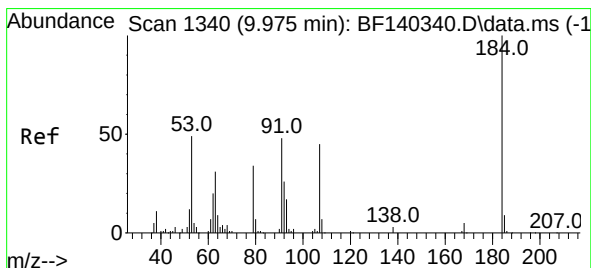
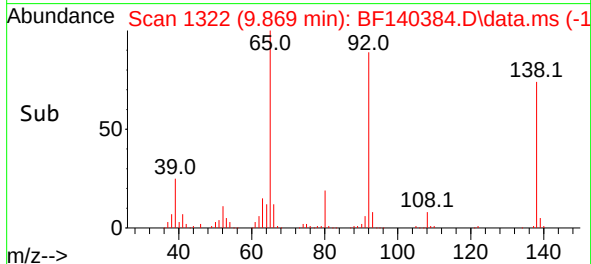
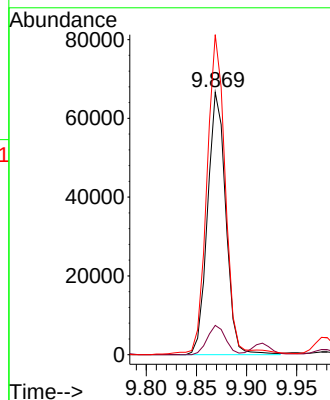
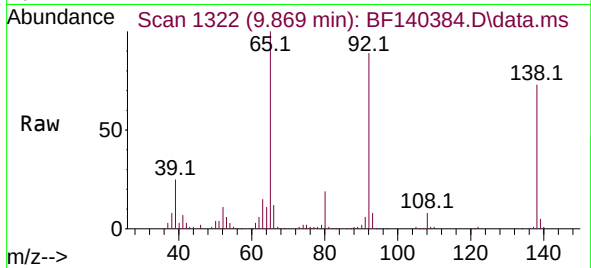




#53
3-Nitroaniline
Concen: 30.227 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

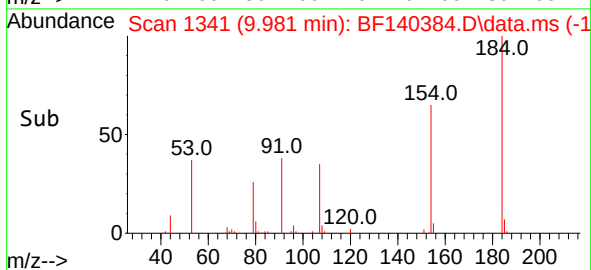
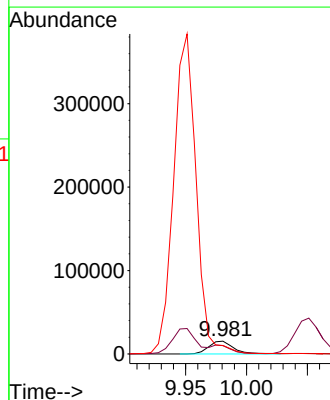
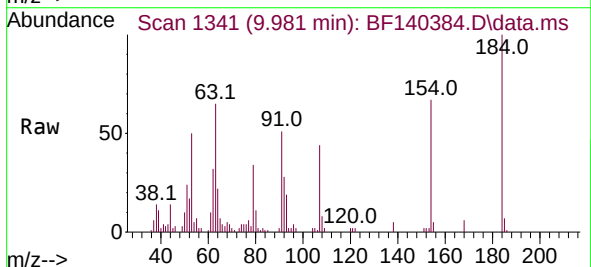
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

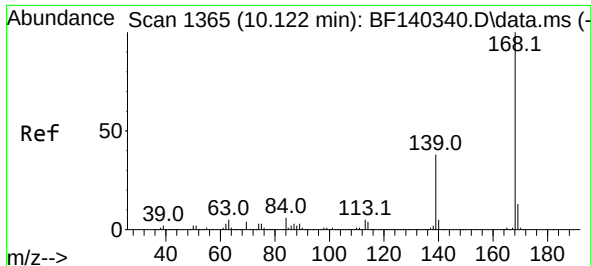
Tgt Ion:138 Resp: 84546
Ion Ratio Lower Upper
138 100
108 11.2 8.4 12.6
92 121.9 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 15.981 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:184 Resp: 21949
Ion Ratio Lower Upper
184 100
63 65.2 53.5 80.3
154 66.5 51.3 76.9

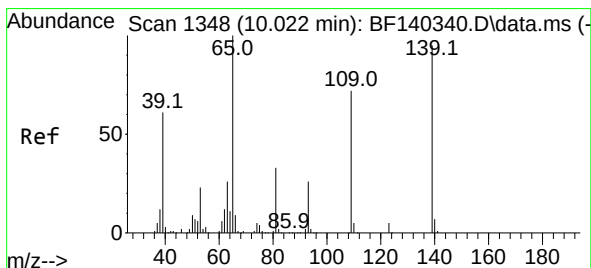
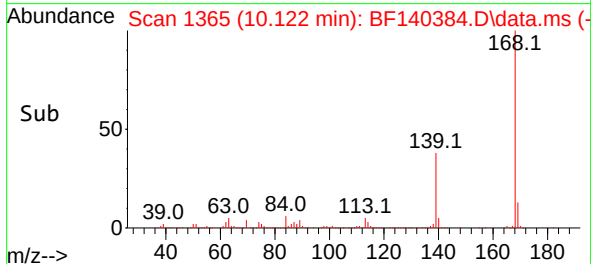
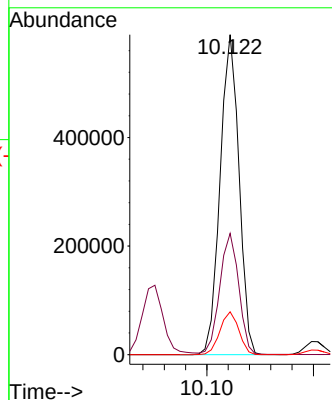
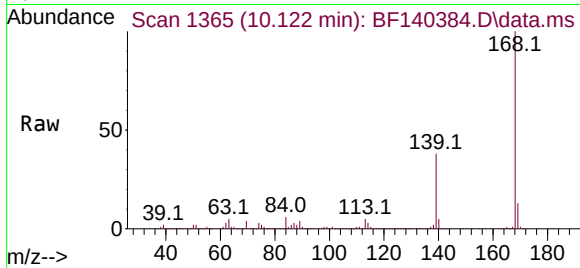




#55
Dibenzofuran
Concen: 50.345 ng
RT: 10.122 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

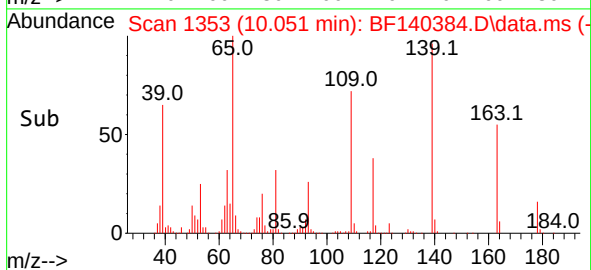
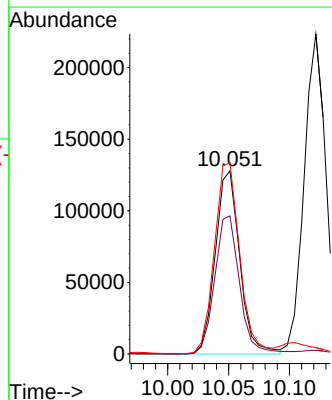
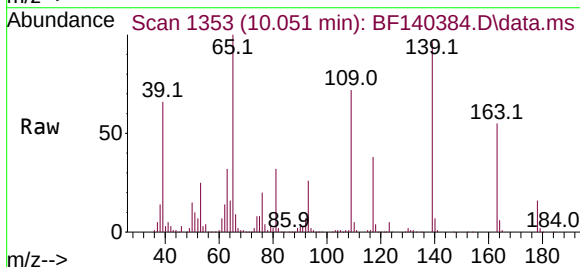
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

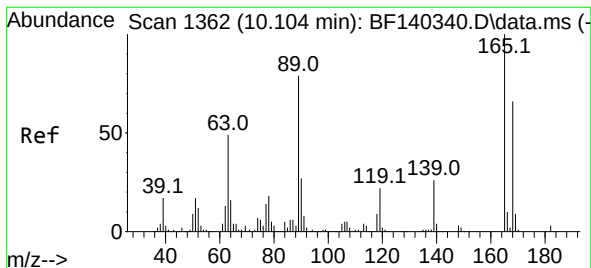
Tgt Ion:168 Resp: 723416
Ion Ratio Lower Upper
168 100
139 37.9 30.8 46.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 87.601 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.029 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:139 Resp: 178721
Ion Ratio Lower Upper
139 100
109 75.4 54.5 94.5
65 104.5 84.4 124.4

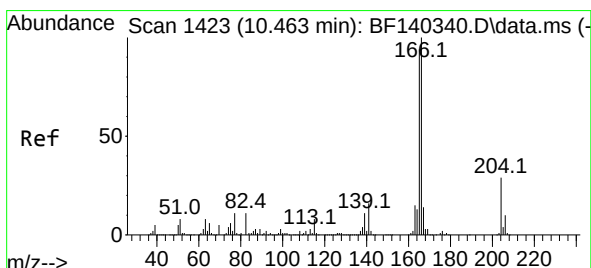
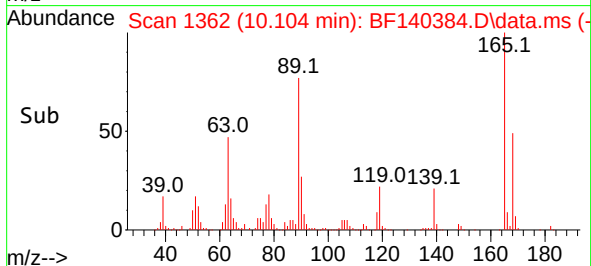
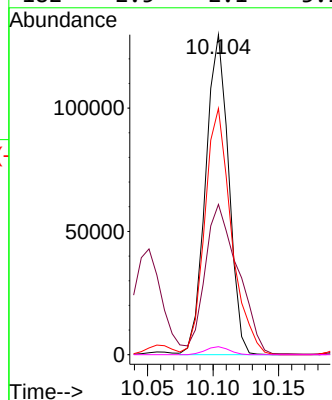
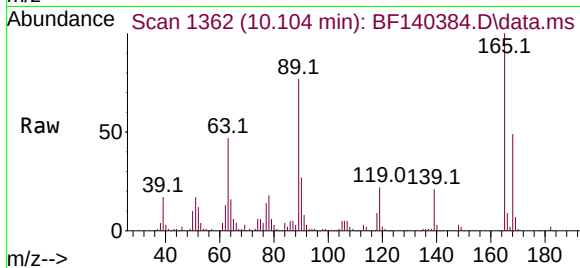




#57
2,4-Dinitrotoluene
Concen: 45.250 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

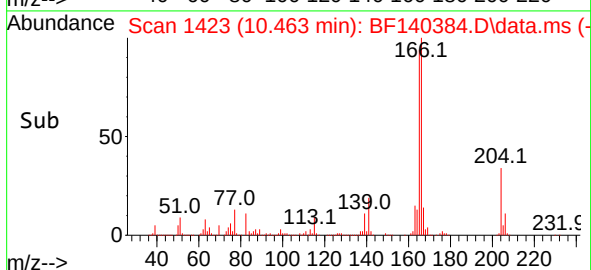
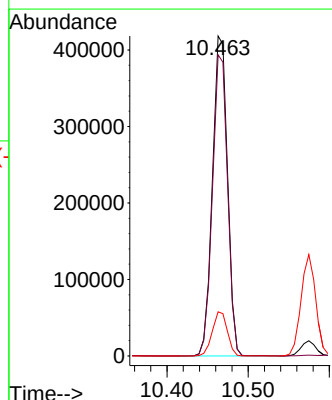
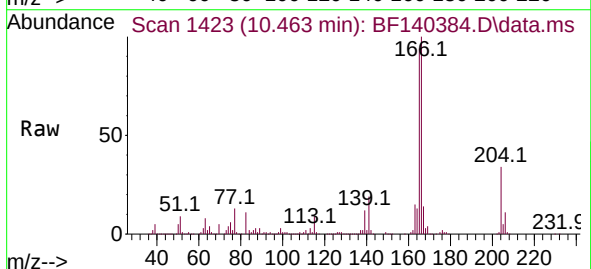
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

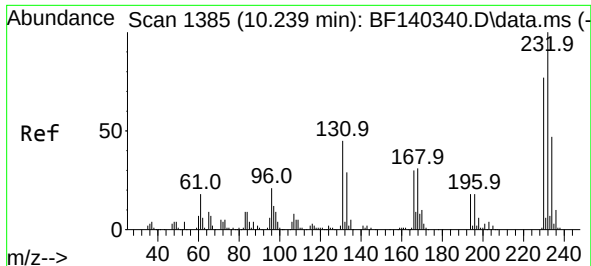
Tgt Ion:165 Resp: 158612
Ion Ratio Lower Upper
165 100
63 46.9 39.4 59.0
89 77.0 62.4 93.6
182 2.5 2.1 3.1



#58
Fluorene
Concen: 47.507 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:166 Resp: 539273
Ion Ratio Lower Upper
166 100
165 94.1 73.9 110.9
167 13.8 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.881 ng

RT: 10.245 min Scan# 1386

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

Tgt Ion:232 Resp: 134449

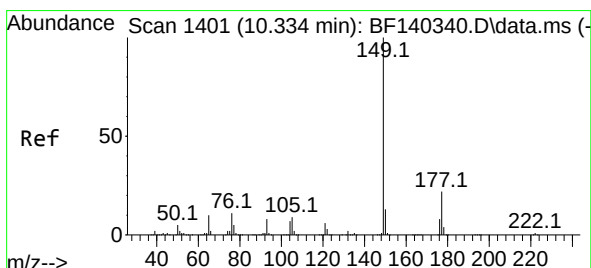
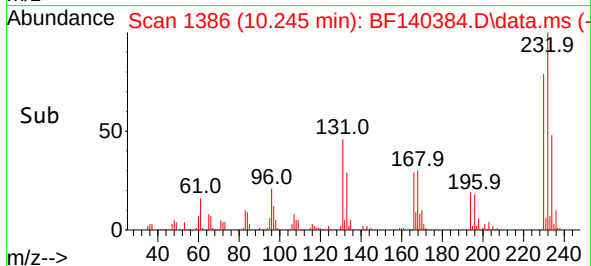
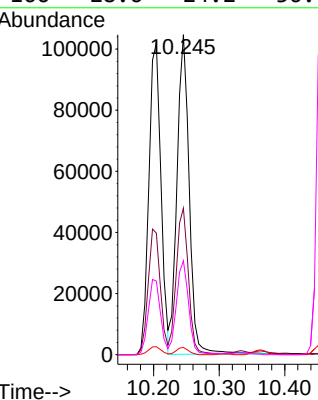
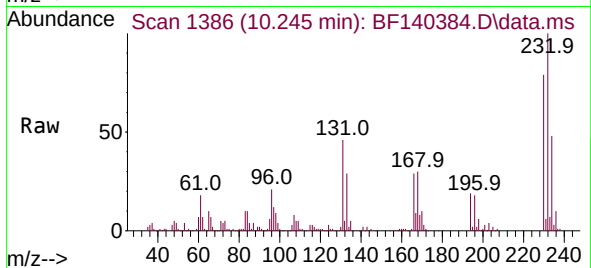
Ion Ratio Lower Upper

232 100

131 44.9 36.8 55.2

130 2.3 1.9 2.9

166 28.6 24.2 36.4



#60

Diethylphthalate

Concen: 50.449 ng

RT: 10.333 min Scan# 1401

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

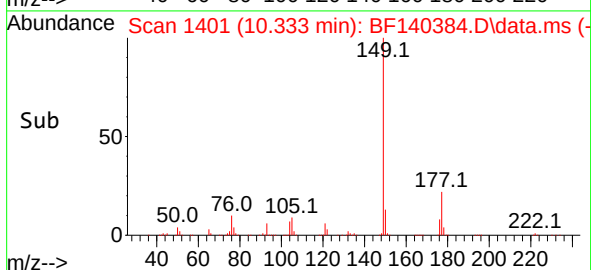
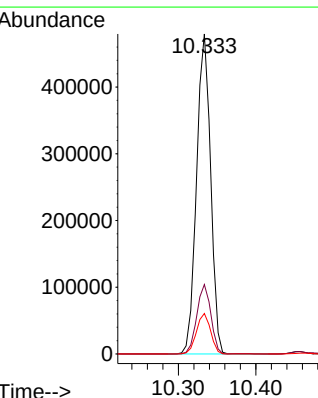
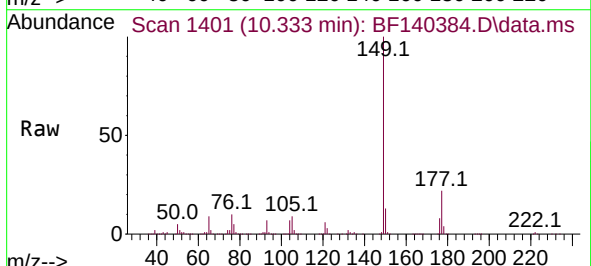
Tgt Ion:149 Resp: 602660

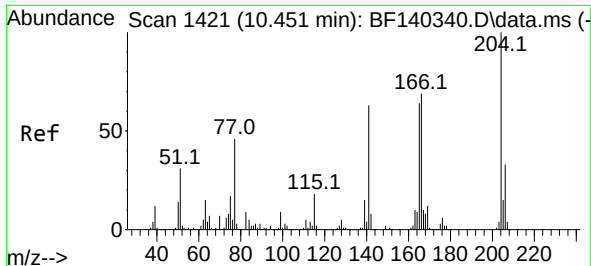
Ion Ratio Lower Upper

149 100

177 21.7 17.5 26.3

150 12.6 10.1 15.1

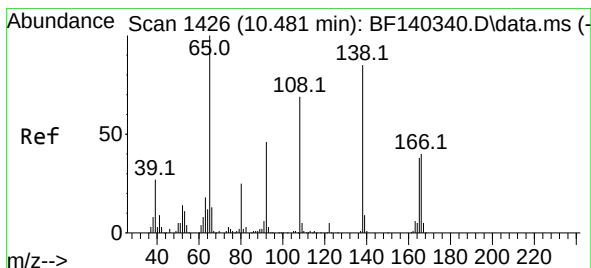
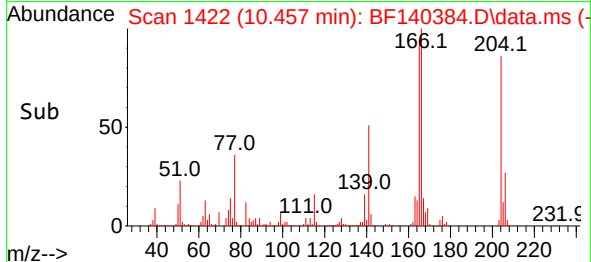
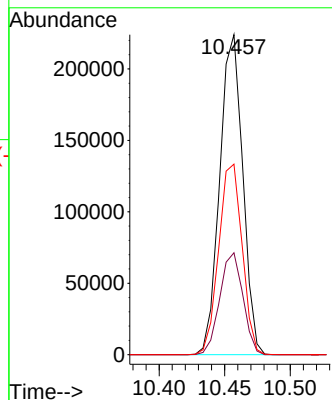
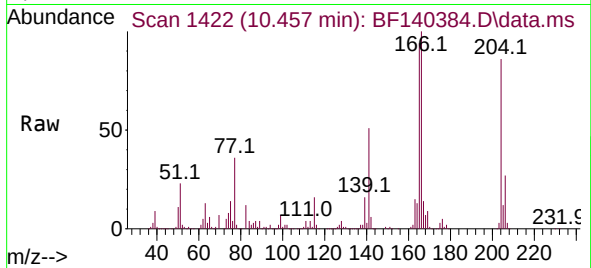




#61
4-Chlorophenyl-phenylether
Concen: 48.739 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

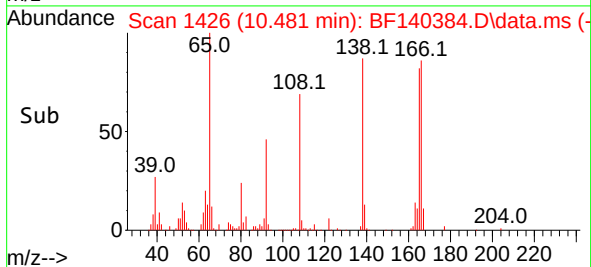
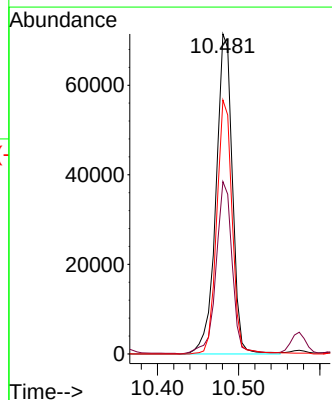
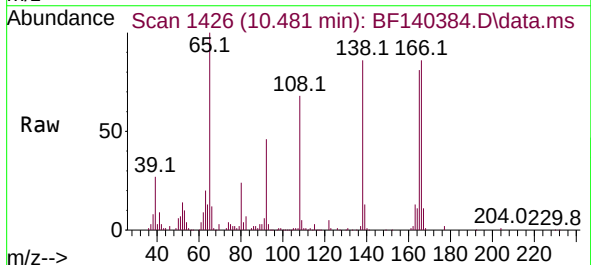
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

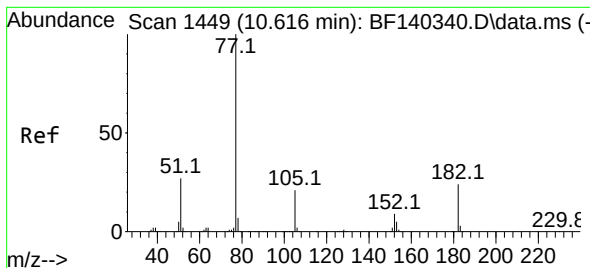
Tgt Ion:204 Resp: 273135
Ion Ratio Lower Upper
204 100
206 31.9 26.0 39.0
141 59.5 49.8 74.8



#62
4-Nitroaniline
Concen: 35.129 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:138 Resp: 100466
Ion Ratio Lower Upper
138 100
92 53.9 33.8 73.8
108 79.3 59.9 99.9





#63

Azobenzene

Concen: 50.256 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

Tgt Ion: 77 Resp: 593194

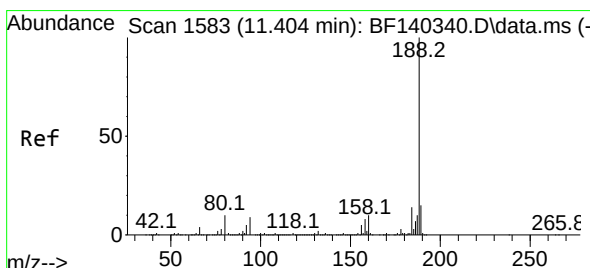
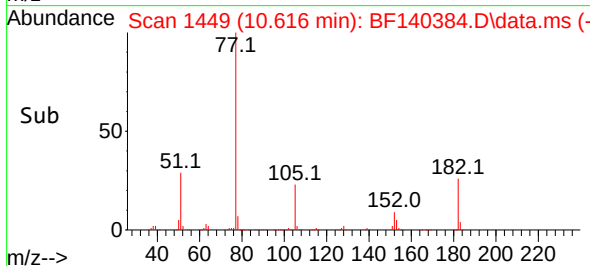
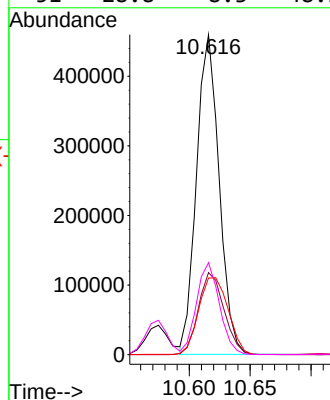
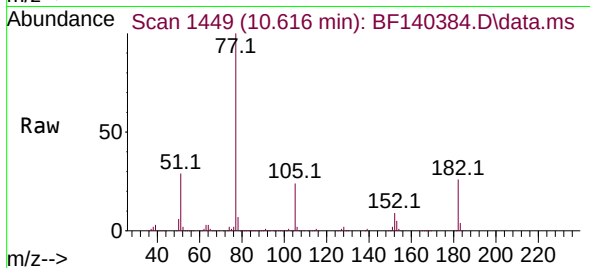
Ion Ratio Lower Upper

77 100

182 25.7 4.6 44.6

105 23.9 0.9 40.9

51 28.8 8.3 48.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

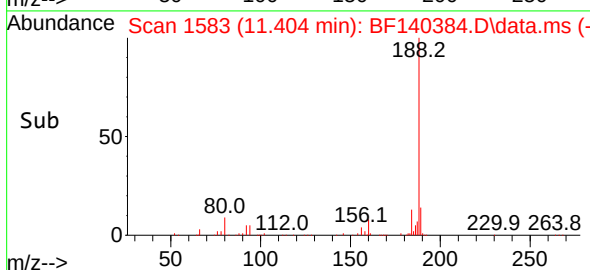
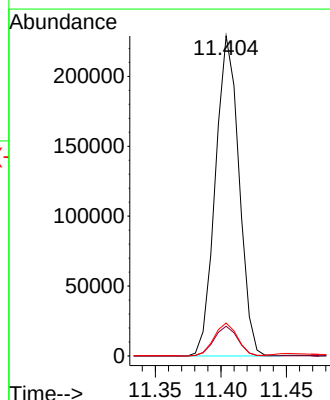
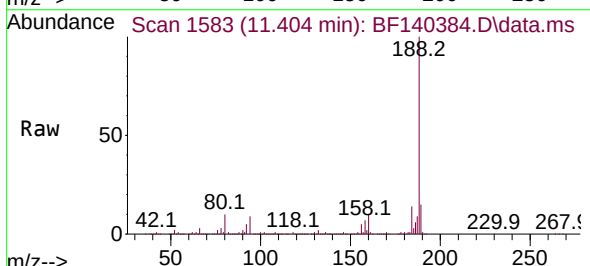
Tgt Ion: 188 Resp: 286710

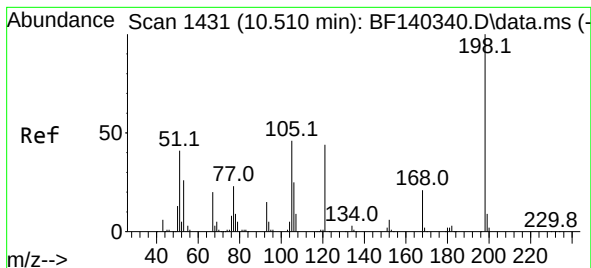
Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.3 8.0 12.0

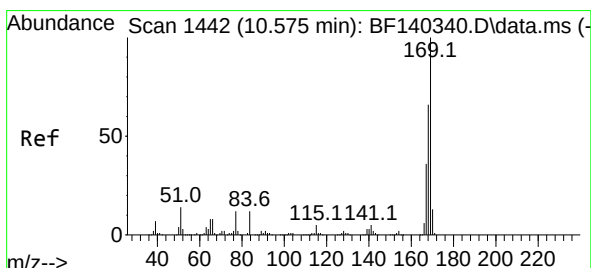
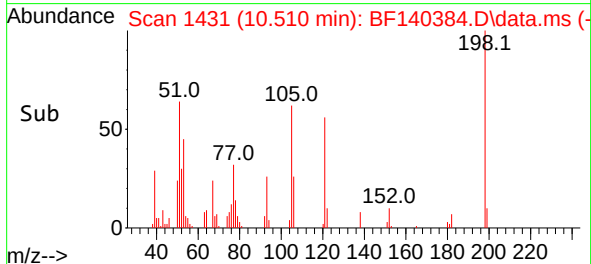
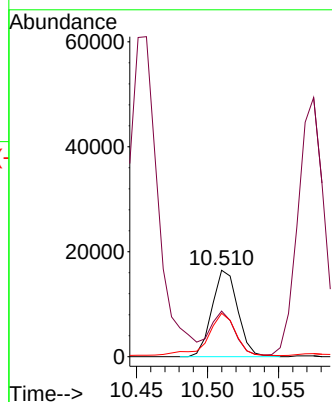
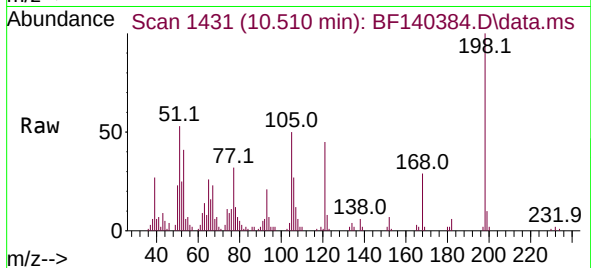




#65
4,6-Dinitro-2-methylphenol
Concen: 13.432 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

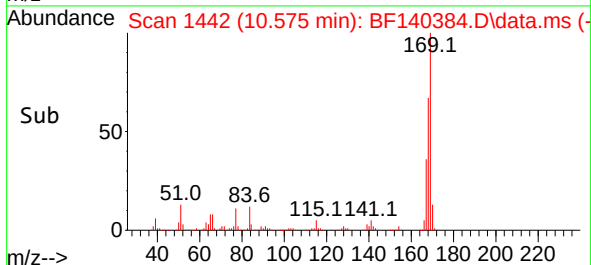
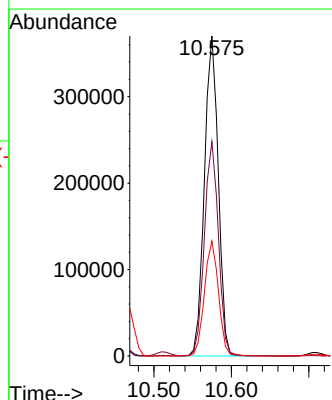
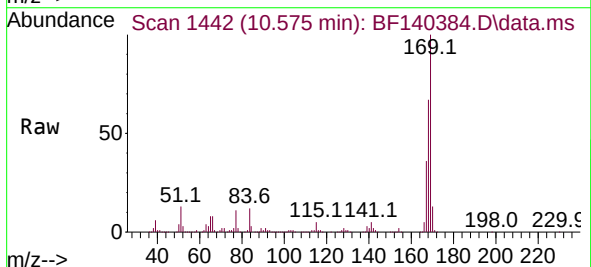
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

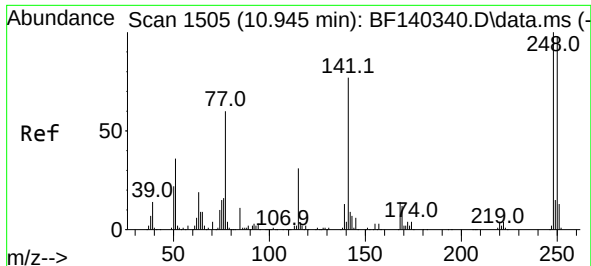
Tgt Ion:198 Resp: 20720
Ion Ratio Lower Upper
198 100
51 52.9 29.7 69.7
105 50.2 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 55.540 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:169 Resp: 460092
Ion Ratio Lower Upper
169 100
168 66.9 52.7 79.1
167 35.8 29.3 43.9

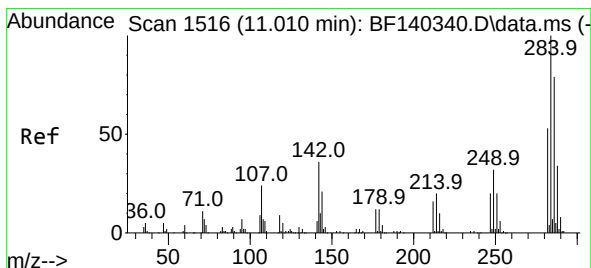
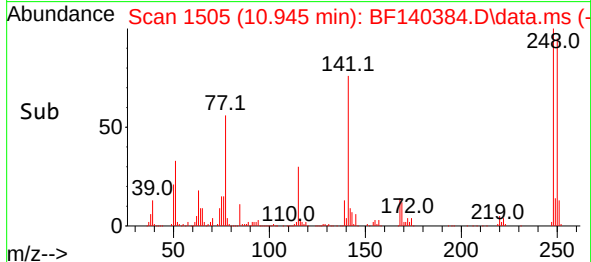
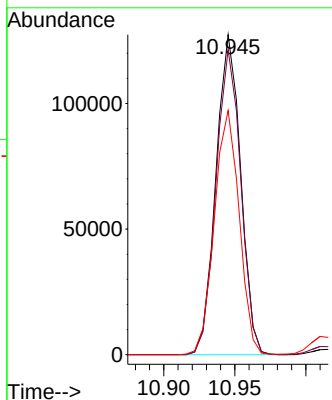
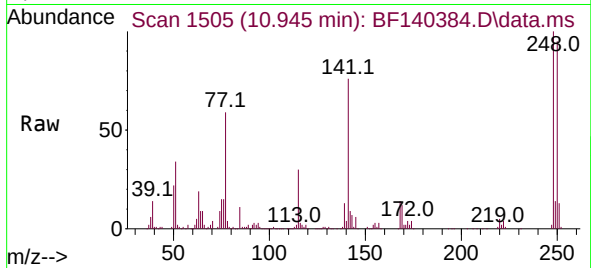




#67
4-Bromophenyl-phenylether
Concen: 53.778 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

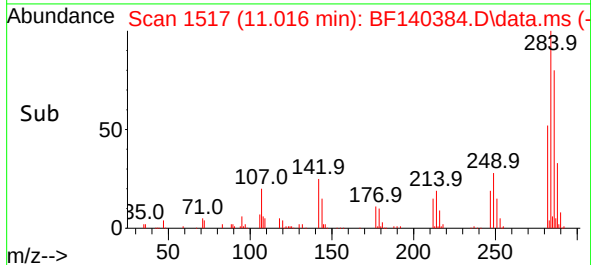
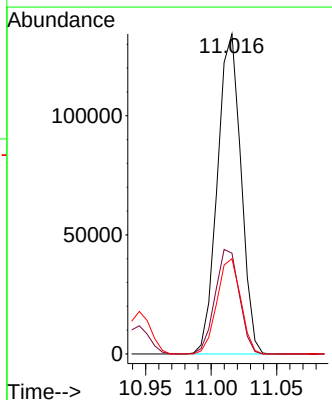
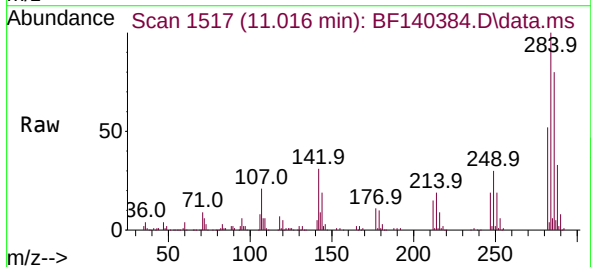
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

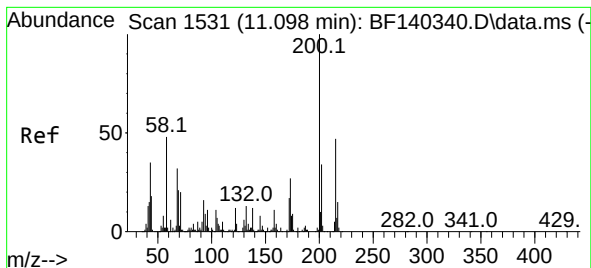
Tgt Ion:248 Resp: 154128
Ion Ratio Lower Upper
248 100
250 95.3 77.9 116.9
141 76.3 61.8 92.6



#68
Hexachlorobenzene
Concen: 52.073 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:284 Resp: 167917
Ion Ratio Lower Upper
284 100
142 31.5 28.1 42.1
249 29.8 24.9 37.3





#69

Atrazine

Concen: 56.725 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

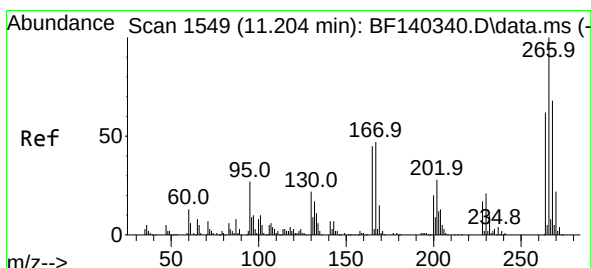
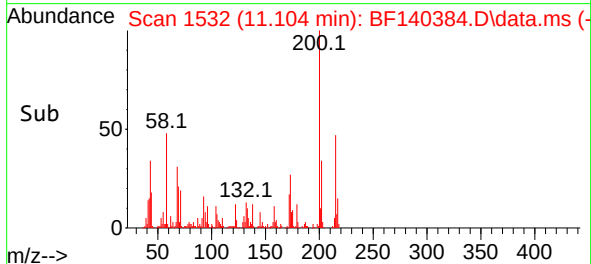
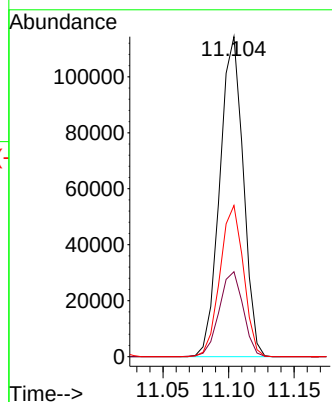
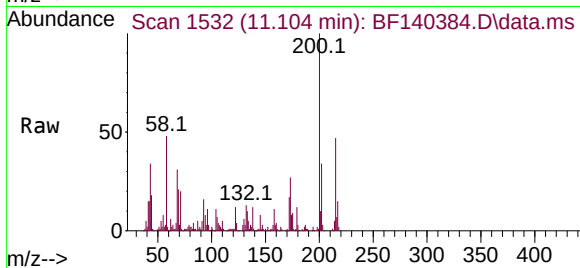
Tgt Ion:200 Resp: 142169

Ion Ratio Lower Upper

200 100

173 26.5 6.6 46.6

215 47.3 27.2 67.2



#70

Pentachlorophenol

Concen: 97.428 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.012 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

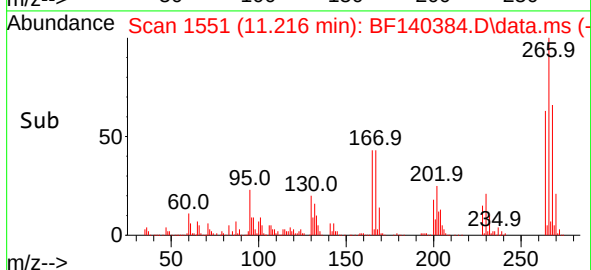
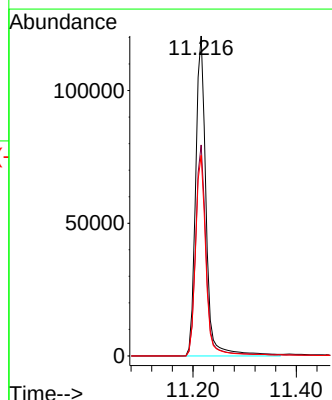
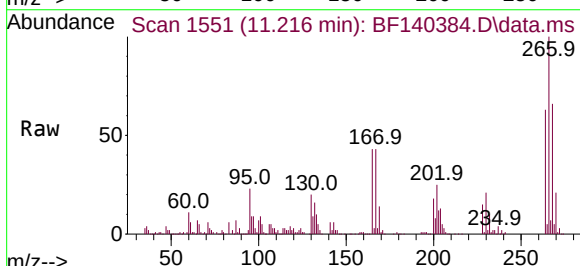
Tgt Ion:266 Resp: 169233

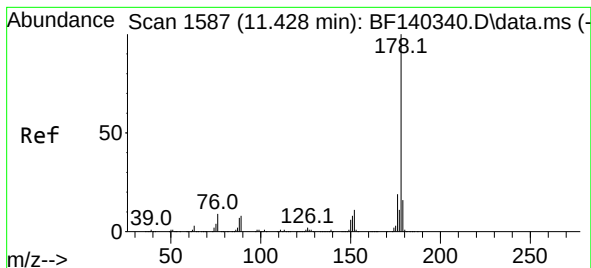
Ion Ratio Lower Upper

266 100

268 65.9 52.9 79.3

264 62.7 50.3 75.5





#71

Phenanthrene

Concen: 53.183 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

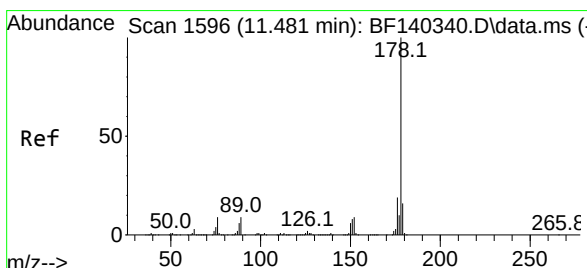
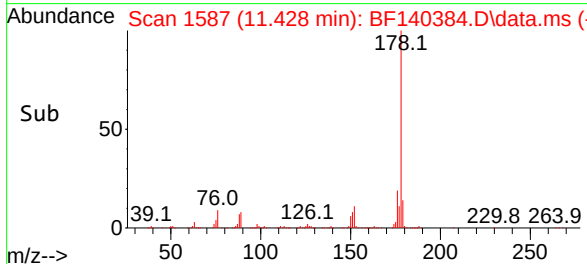
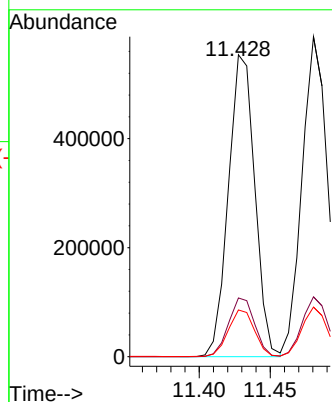
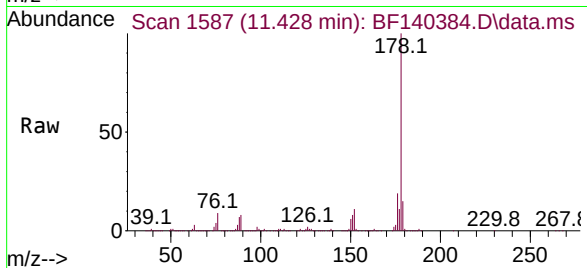
Tgt Ion:178 Resp: 716282

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

179 15.5 12.4 18.6



#72

Anthracene

Concen: 55.004 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

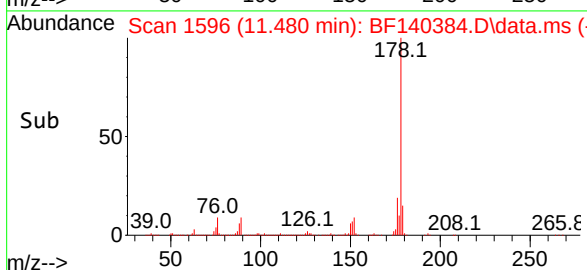
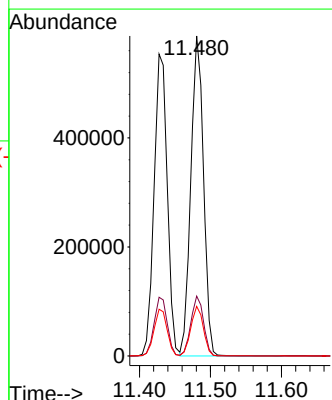
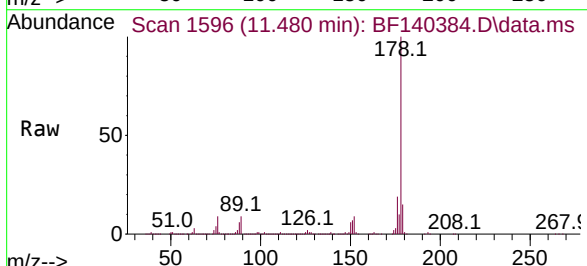
Tgt Ion:178 Resp: 726040

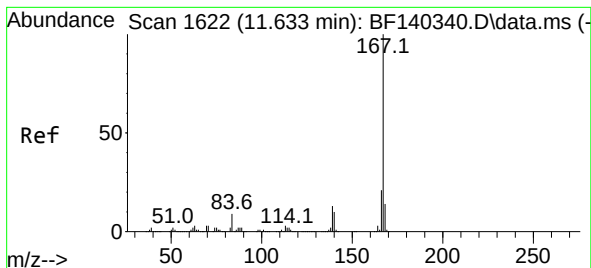
Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

179 15.5 12.6 18.8





#73

Carbazole

Concen: 52.131 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

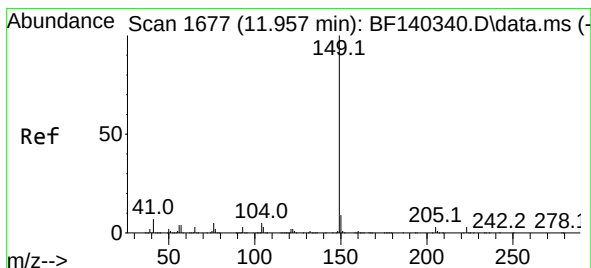
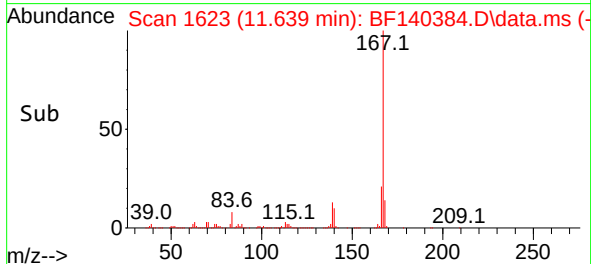
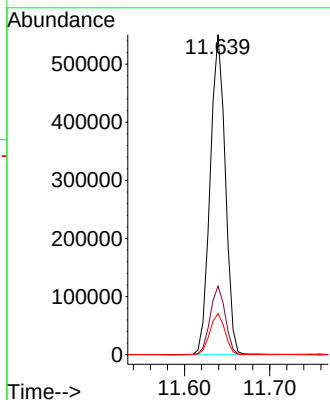
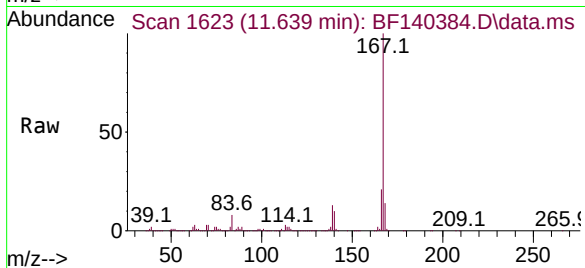
Tgt Ion:167 Resp: 679456

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.8 10.4 15.6



#74

Di-n-butylphthalate

Concen: 53.402 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

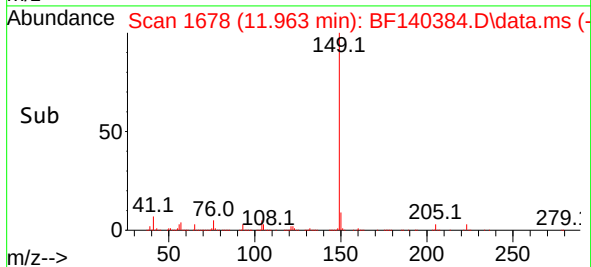
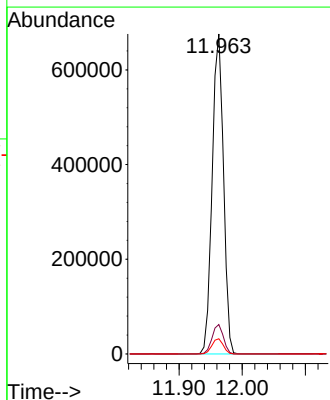
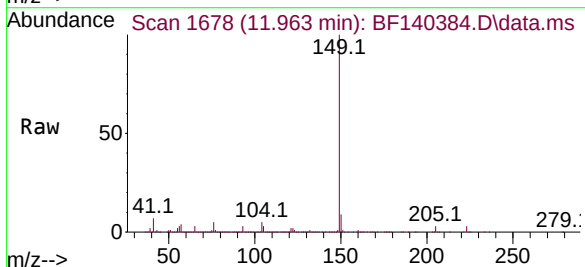
Tgt Ion:149 Resp: 835374

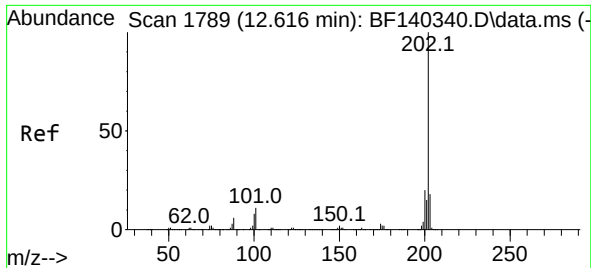
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.8 4.0 6.0

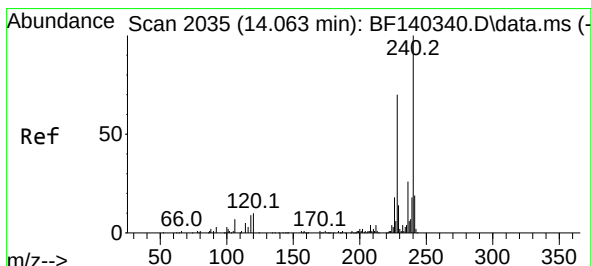
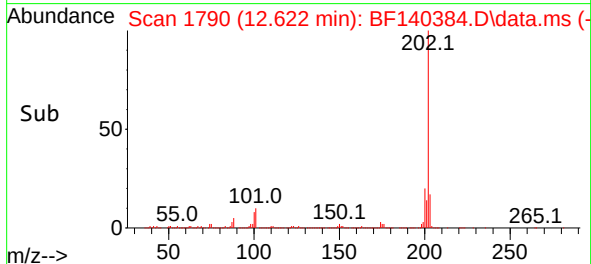
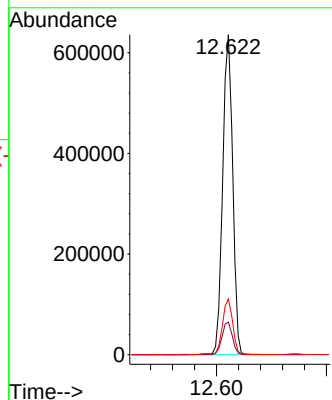
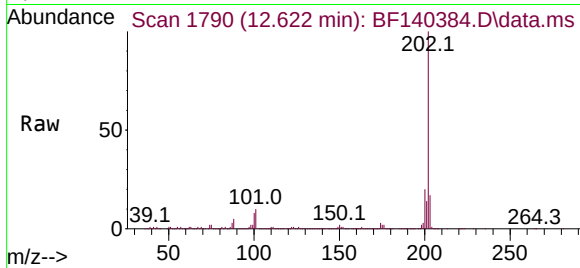




#75
Fluoranthene
Concen: 53.162 ng
RT: 12.622 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

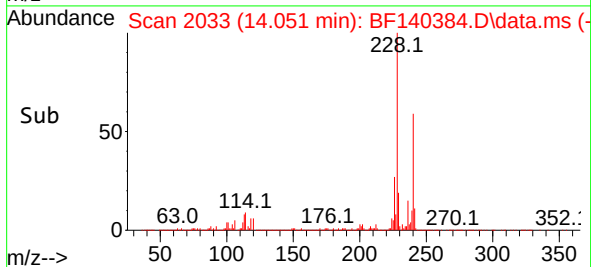
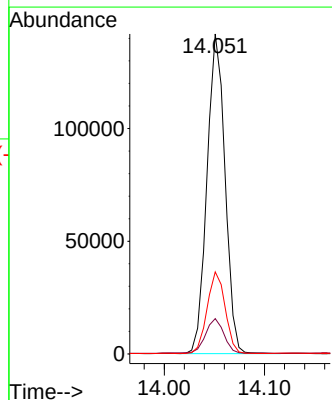
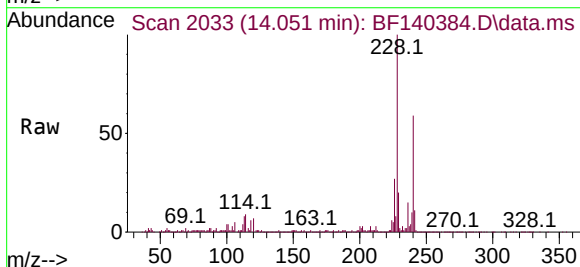
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

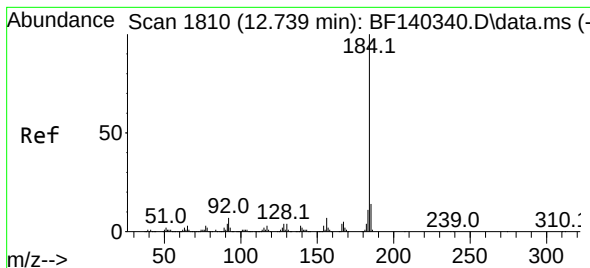
Tgt Ion:202 Resp: 803303
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.7
203 17.4 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:240 Resp: 177720
Ion Ratio Lower Upper
240 100
120 11.1 8.8 13.2
236 25.7 20.9 31.3





#77

Benzidine

Concen: 45.903 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.012 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

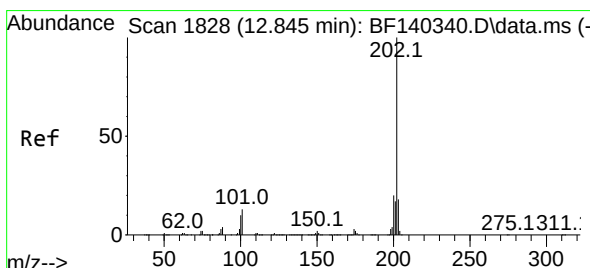
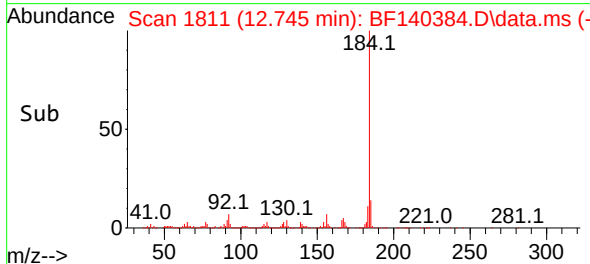
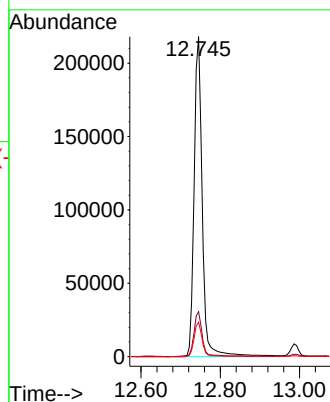
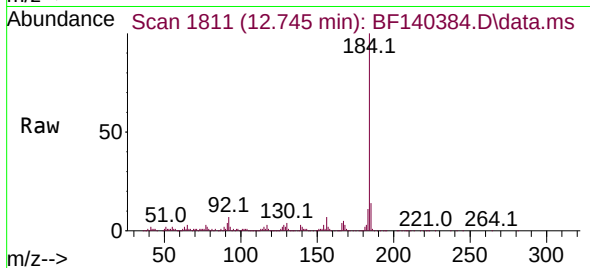
Tgt Ion:184 Resp: 313106

Ion Ratio Lower Upper

184 100

185 14.1 11.9 17.9

183 10.7 8.6 13.0



#78

Pyrene

Concen: 55.213 ng

RT: 12.851 min Scan# 1829

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

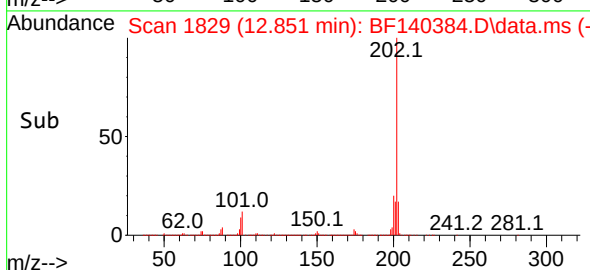
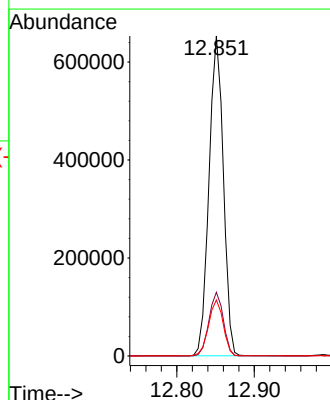
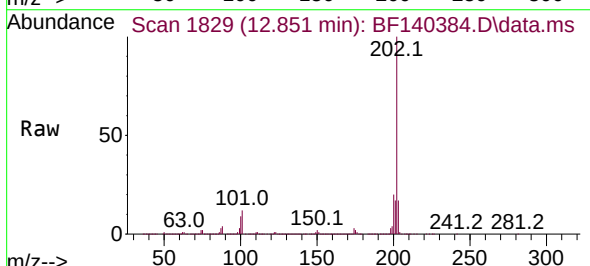
Tgt Ion:202 Resp: 839322

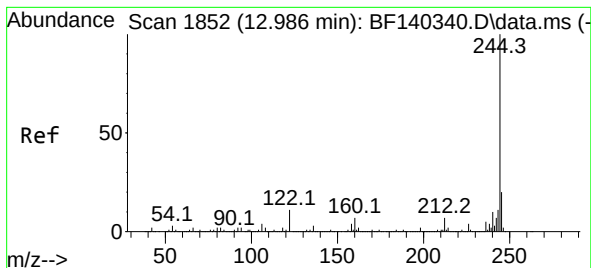
Ion Ratio Lower Upper

202 100

200 19.9 16.2 24.2

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 74.703 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

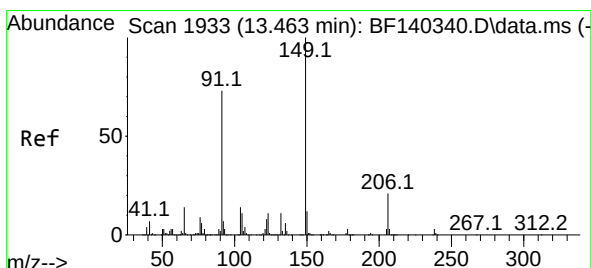
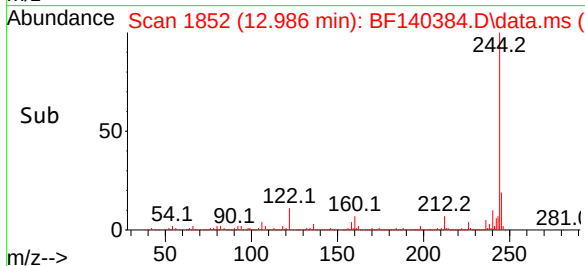
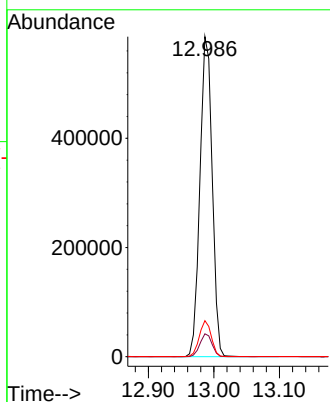
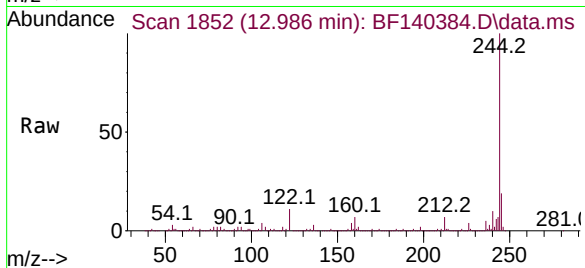
Tgt Ion:244 Resp: 764846

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 59.353 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.006 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

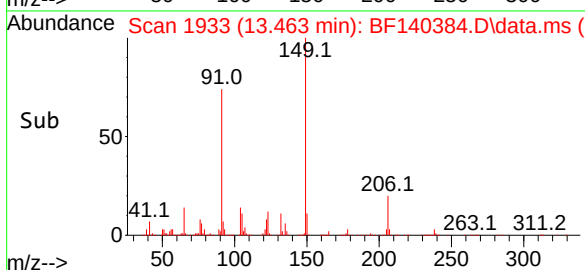
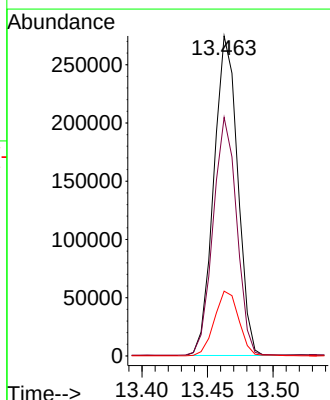
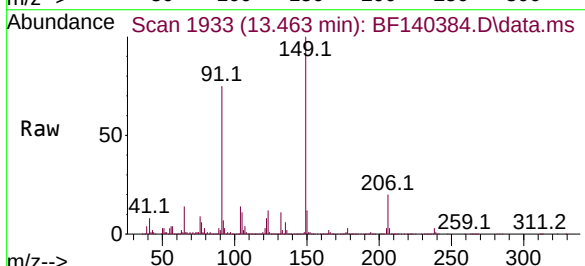
Tgt Ion:149 Resp: 346607

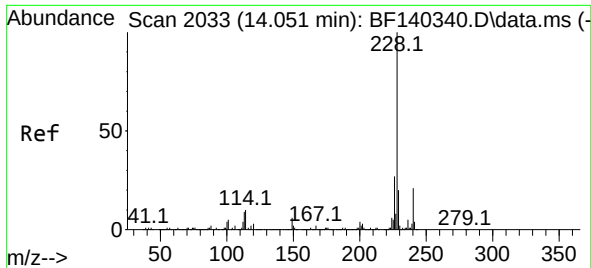
Ion Ratio Lower Upper

149 100

91 74.6 61.0 91.4

206 20.2 16.1 24.1

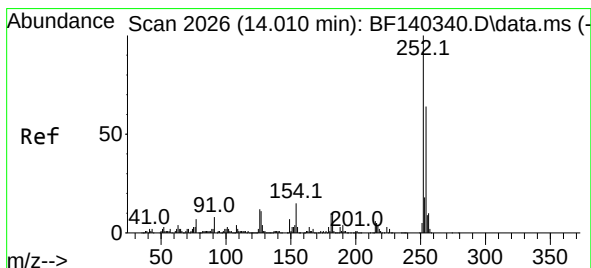
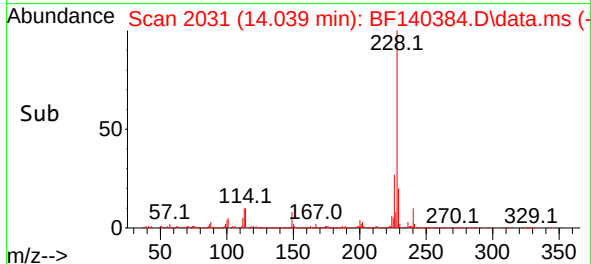
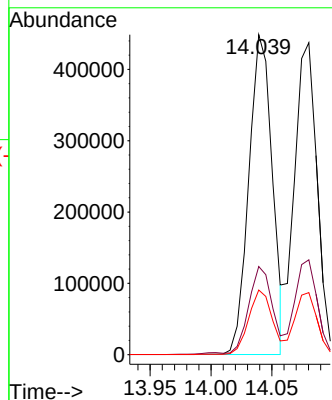
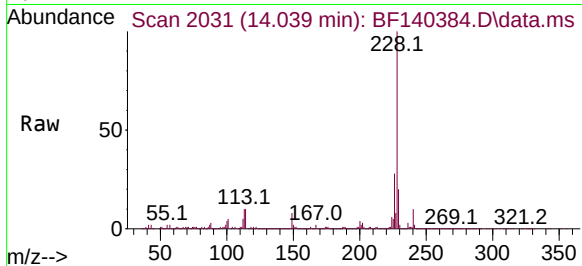




#81
Benzo(a)anthracene
Concen: 51.472 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

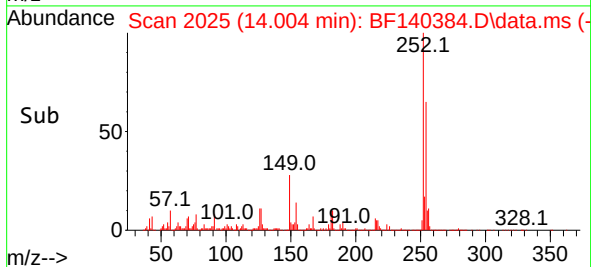
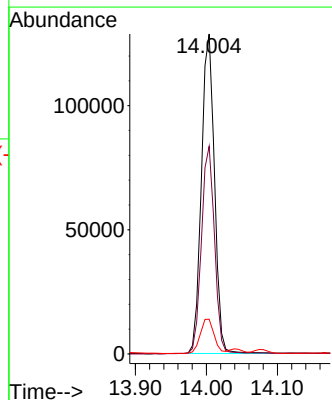
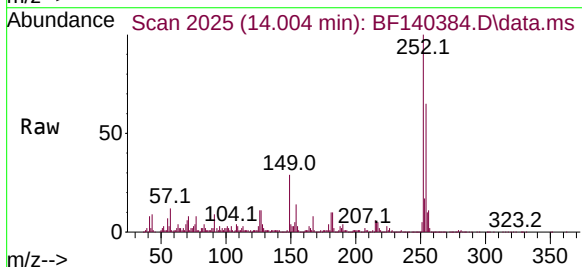
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

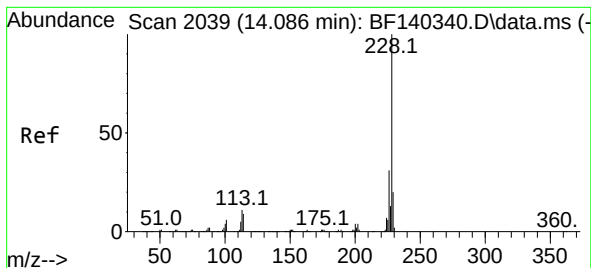
Tgt Ion:228 Resp: 601203
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 20.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 44.543 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:252 Resp: 165367
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 10.9 9.4 14.0





#83

Chrysene

Concen: 53.166 ng

RT: 14.080 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

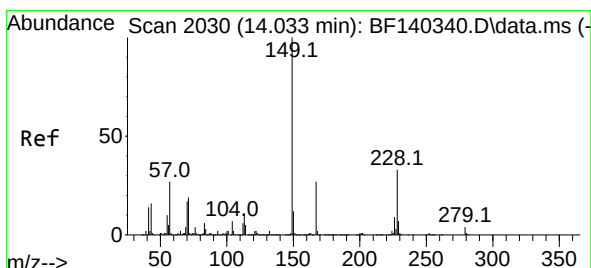
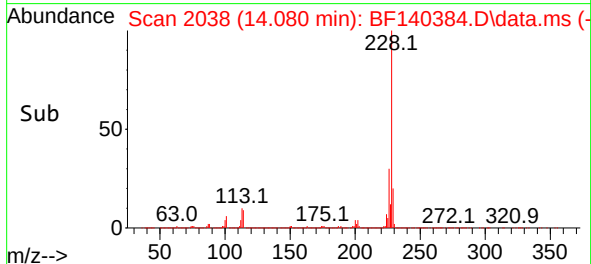
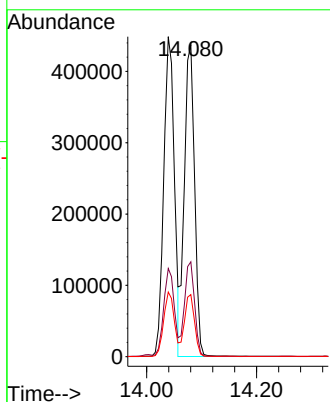
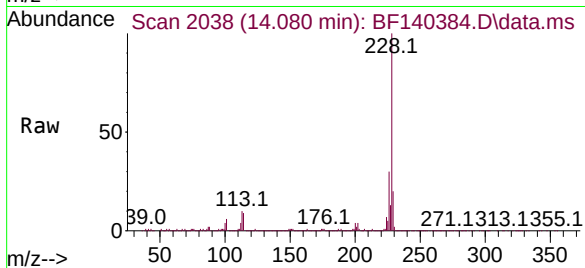
Tgt Ion:228 Resp: 566596

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.390 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

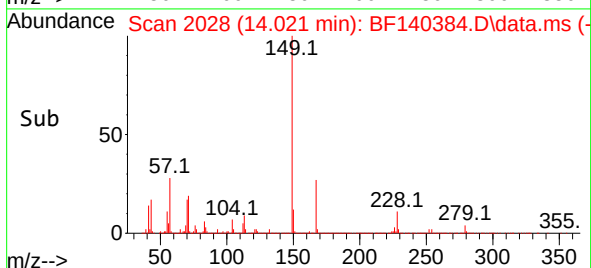
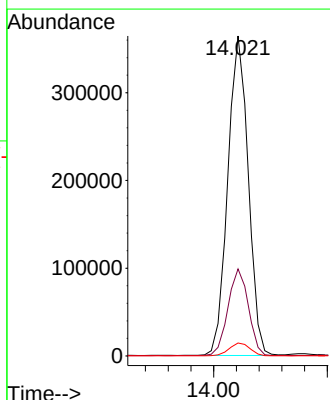
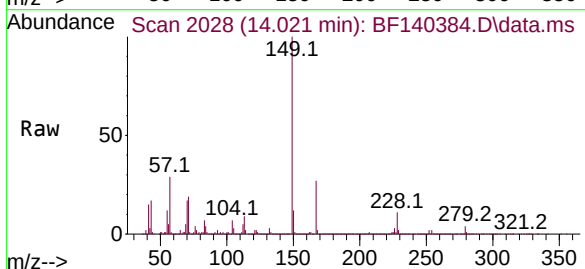
Tgt Ion:149 Resp: 455135

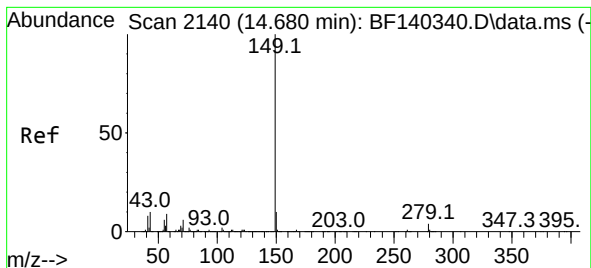
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 59.876 ng

RT: 14.639 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

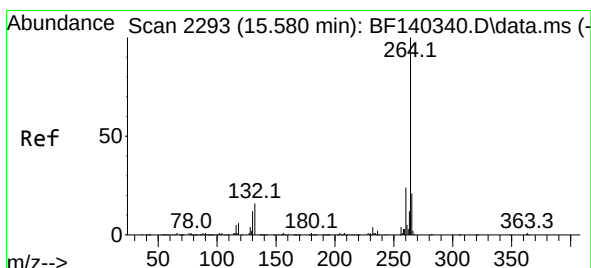
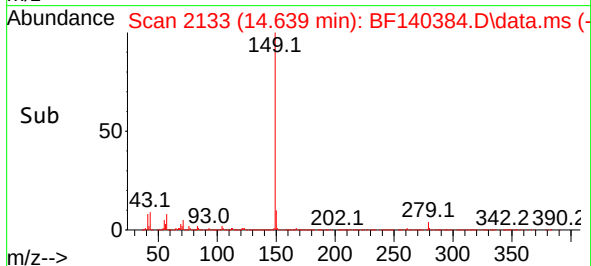
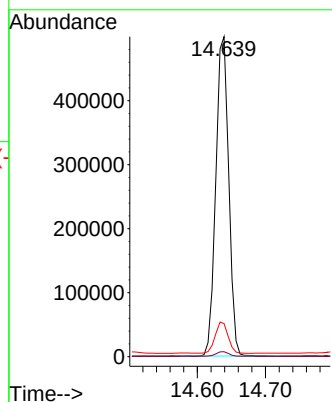
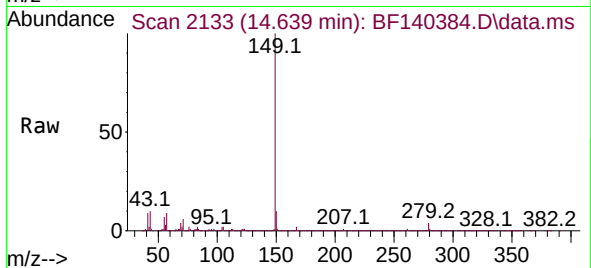
Tgt Ion:149 Resp: 657322

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.8 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.024 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

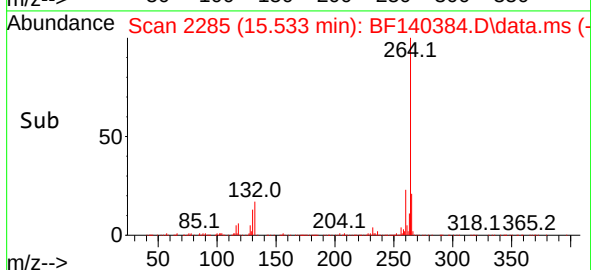
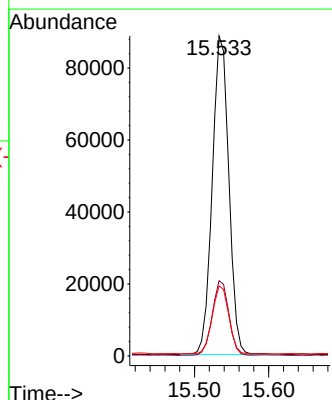
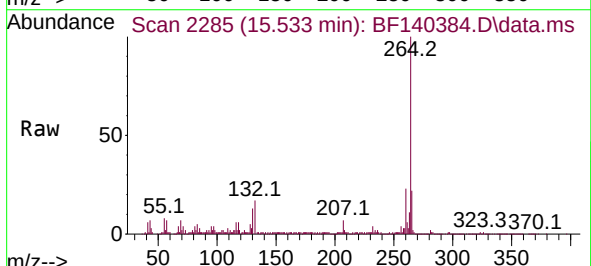
Tgt Ion:264 Resp: 137296

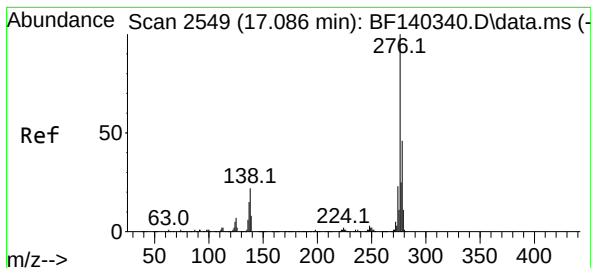
Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.821 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

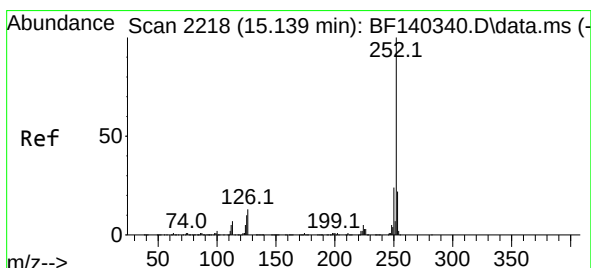
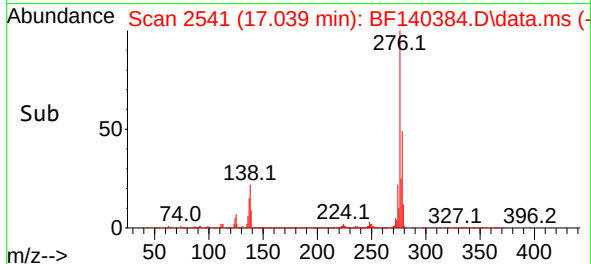
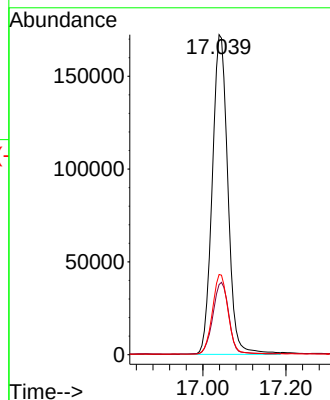
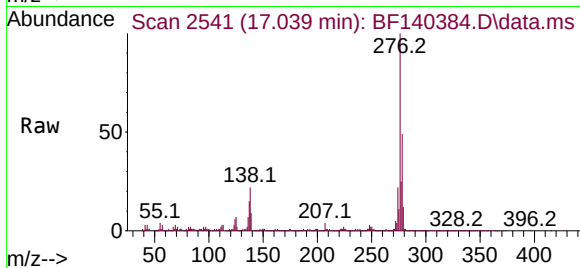
Tgt Ion:276 Resp: 447986

Ion Ratio Lower Upper

276 100

138 22.8 18.8 28.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 53.197 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.018 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

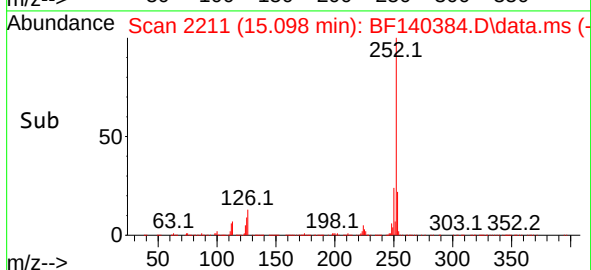
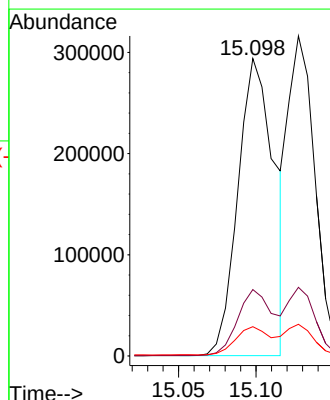
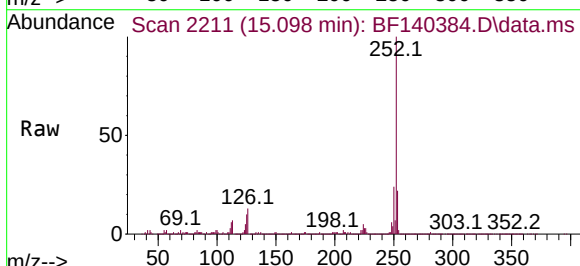
Tgt Ion:252 Resp: 477779

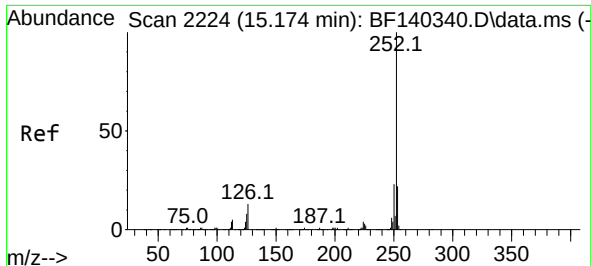
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 9.9 8.0 12.0

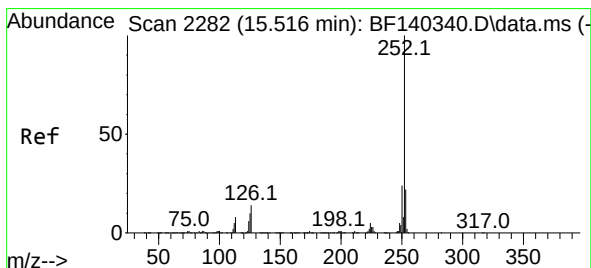
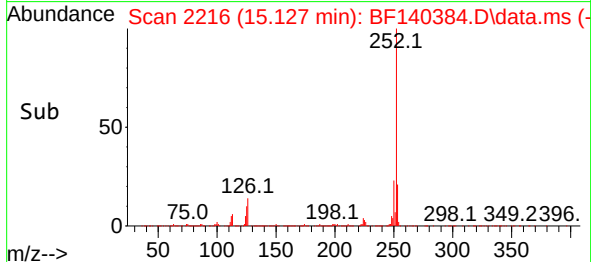
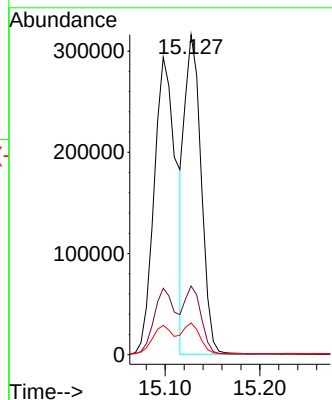
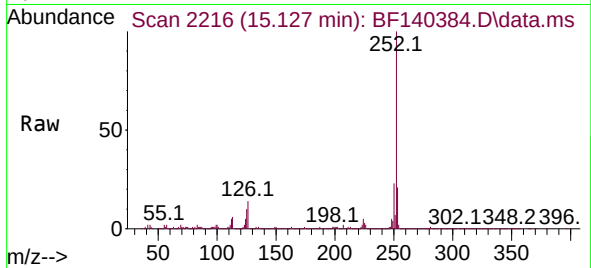




#89
Benzo(k)fluoranthene
Concen: 51.930 ng
RT: 15.127 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

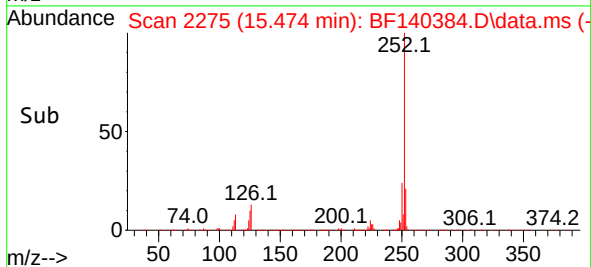
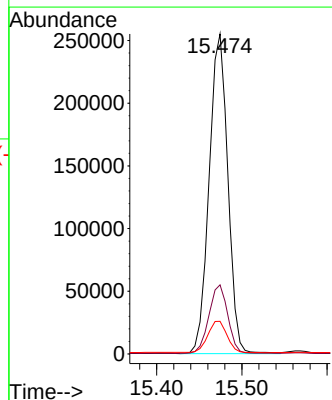
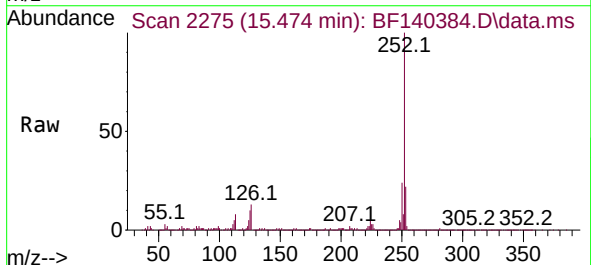
Instrument :
BNA_F
ClientSampleId :
BF-F14MS

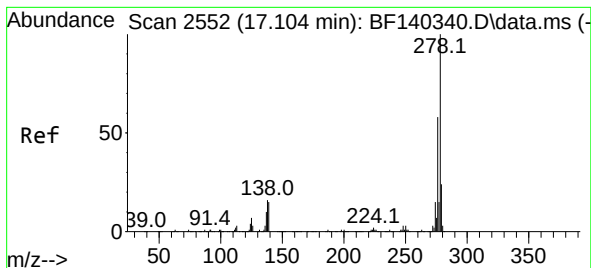
Tgt Ion:252 Resp: 381011
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 55.713 ng
RT: 15.474 min Scan# 2275
Delta R.T. -0.018 min
Lab File: BF140384.D
Acq: 15 Nov 2024 00:58

Tgt Ion:252 Resp: 388572
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 53.239 ng

RT: 17.057 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Instrument :

BNA_F

ClientSampleId :

BF-F14MS

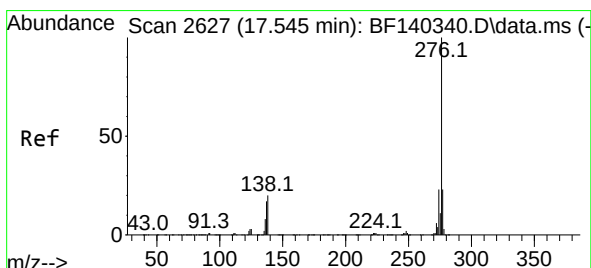
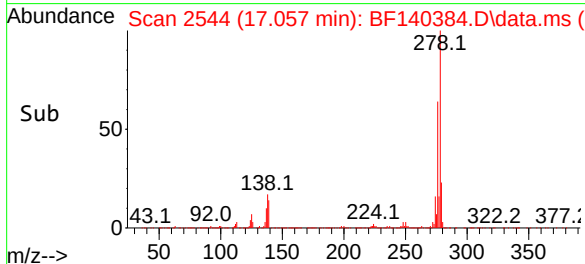
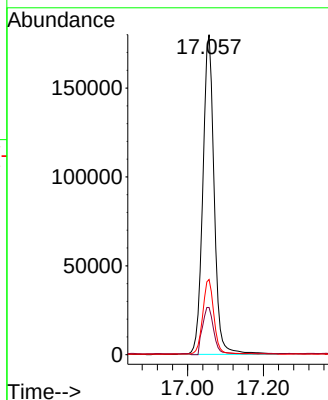
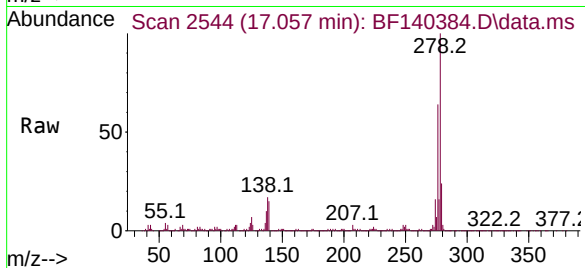
Tgt Ion:278 Resp: 373227

Ion Ratio Lower Upper

278 100

139 14.8 11.8 17.8

279 23.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 47.269 ng

RT: 17.492 min Scan# 2618

Delta R.T. -0.024 min

Lab File: BF140384.D

Acq: 15 Nov 2024 00:58

Tgt Ion:276 Resp: 338780

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 19.6 16.0 24.0

