

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140020.D
 Acq On : 25 Oct 2024 00:22
 Operator : RC/JU
 Sample : P4487-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F27MSD

Quant Time: Oct 25 01:11:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80543	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	298278	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	158034	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	239210	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	143604	20.000	ng	0.00
86) Perylene-d12	15.527	264	185741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	513946	99.894	ng	0.01
7) Phenol-d6	6.510	99	648815	97.369	ng	0.00
23) Nitrobenzene-d5	7.451	82	423314	78.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	171563	116.062	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	717517	75.037	ng	0.00
79) Terphenyl-d14	12.992	244	526925	59.790	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	97824	40.780	ng	97
3) Pyridine	3.493	79	253128	42.572	ng	98
4) n-Nitrosodimethylamine	3.440	42	152672	47.791	ng	93
6) Aniline	6.551	93	238833	38.458	ng	100
8) 2-Chlorophenol	6.675	128	274849	52.256	ng	96
9) Benzaldehyde	6.439	77	56735	15.135	ng	97
10) Phenol	6.528	94	342719m	49.888	ng	
11) bis(2-Chloroethyl)ether	6.622	93	260882	49.132	ng	99
12) 1,3-Dichlorobenzene	6.834	146	300305	49.739	ng	100
13) 1,4-Dichlorobenzene	6.910	146	301816	50.036	ng	100
14) 1,2-Dichlorobenzene	7.063	146	291771	51.827	ng	99
15) Benzyl Alcohol	7.028	79	263321	53.872	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	420071	46.397	ng	96
17) 2-Methylphenol	7.139	107	217445	48.484	ng	97
18) Hexachloroethane	7.404	117	111634	51.898	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	202244	50.043	ng	97
20) 3+4-Methylphenols	7.286	107	282325	49.215	ng	93
22) Acetophenone	7.298	105	382695	52.382	ng	99
24) Nitrobenzene	7.469	77	307045	52.037	ng	98
25) Isophorone	7.710	82	548163	53.665	ng	99
26) 2-Nitrophenol	7.786	139	141070	63.374	ng	98
27) 2,4-Dimethylphenol	7.822	122	212072	57.135	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	316515	51.144	ng	100
29) 2,4-Dichlorophenol	8.028	162	223962	52.974	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	242047	51.740	ng	99
31) Naphthalene	8.192	128	803102	52.206	ng	100
32) Benzoic acid	7.922	122	157414	48.624	ng	98
33) 4-Chloroaniline	8.239	127	63963	12.194	ng	98
34) Hexachlorobutadiene	8.310	225	165091	56.166	ng	99
35) Caprolactam	8.610	113	68797m	51.177	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245795	52.505	ng	100
37) 2-Methylnaphthalene	8.886	142	501231	53.201	ng	100
38) 1-Methylnaphthalene	8.986	142	465788	50.391	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	240761	56.470	ng	99
41) Hexachlorocyclopentadiene	9.039	237	288568	194.519	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	169849	56.269	ng	99

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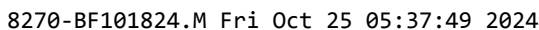
Instrument :
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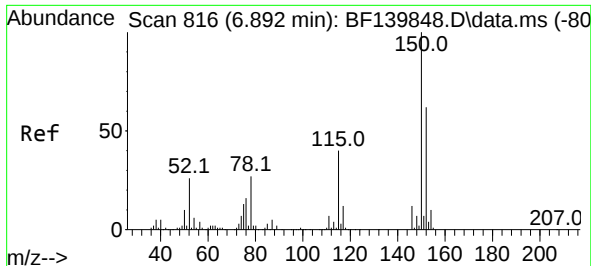
Quant Time: Oct 25 01:11:14 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	170012	54.591	ng	100
46) 1,1'-Biphenyl	9.351	154	600748	54.606	ng	98
47) 2-Chloronaphthalene	9.375	162	473283	53.414	ng	99
48) 2-Nitroaniline	9.469	65	158300	58.413	ng	94
49) Acenaphthylene	9.792	152	720960	56.281	ng	99
50) Dimethylphthalate	9.645	163	561206	57.012	ng	100
51) 2,6-Dinitrotoluene	9.710	165	118690	55.688	ng	98
52) Acenaphthene	9.963	154	502425	60.630	ng	99
53) 3-Nitroaniline	9.875	138	72763	33.105	ng	99
54) 2,4-Dinitrophenol	9.980	184	112839	123.556	ng	# 1
55) Dibenzofuran	10.133	168	645787	54.316	ng	98
56) 4-Nitrophenol	10.027	139	171107	101.188	ng	92
57) 2,4-Dinitrotoluene	10.110	165	158167	60.347	ng	# 100
58) Fluorene	10.475	166	484360	53.487	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	132835	54.410	ng	99
60) Diethylphthalate	10.351	149	537841	55.648	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	250061	54.680	ng	98
62) 4-Nitroaniline	10.492	138	102955	49.596	ng	93
63) Azobenzene	10.627	77	595637	58.131	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	77249	79.171	ng	96
66) n-Nitrosodiphenylamine	10.586	169	438458	61.242	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	152105	61.723	ng	98
68) Hexachlorobenzene	11.022	284	163024	58.821	ng	100
69) Atrazine	11.110	200	139917	72.144	ng	97
70) Pentachlorophenol	11.216	266	184631	109.765	ng	99
71) Phenanthrene	11.439	178	635689	56.259	ng	100
72) Anthracene	11.492	178	641611	58.199	ng	100
73) Carbazole	11.639	167	527613	51.459	ng	100
74) Di-n-butylphthalate	11.974	149	711730	60.083	ng	99
75) Fluoranthene	12.627	202	540952	47.358	ng	98
77) Benzidine	12.745	184	114163	48.347	ng	99
78) Pyrene	12.857	202	540672	43.013	ng	99
80) Butylbenzylphthalate	13.468	149	221854	58.870	ng	99
81) Benzo(a)anthracene	14.039	228	535529	57.287	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	108094	39.659	ng	99
83) Chrysene	14.080	228	474576	55.369	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	294429	69.636	ng	100
85) Di-n-octyl phthalate	14.645	149	553331	71.950	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	592179	49.558	ng	96
88) Benzo(b)fluoranthene	15.098	252	572713	50.617	ng	99
89) Benzo(k)fluoranthene	15.127	252	555644	56.943	ng	98
90) Benzo(a)pyrene	15.468	252	551447	59.232	ng	98
91) Dibenzo(a,h)anthracene	17.045	278	487494	48.904	ng	98
92) Benzo(g,h,i)perylene	17.480	276	411059	41.283	ng	96

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

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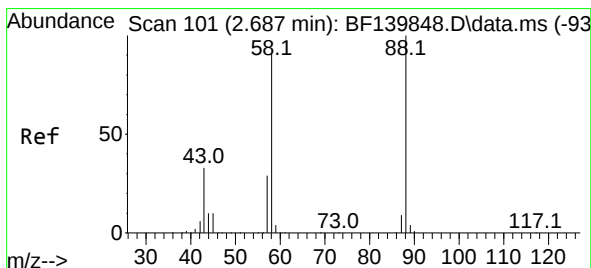
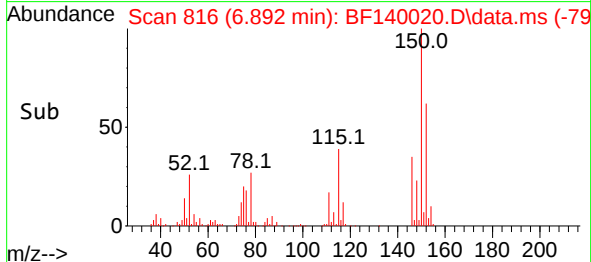
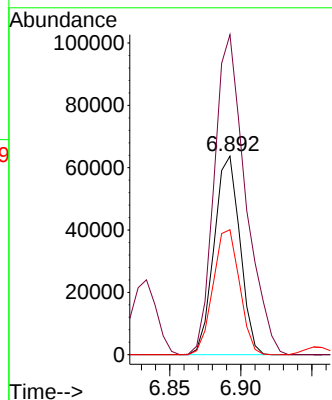
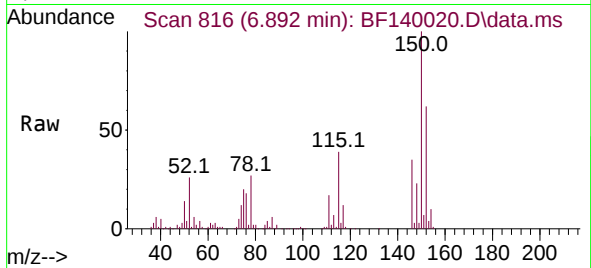




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

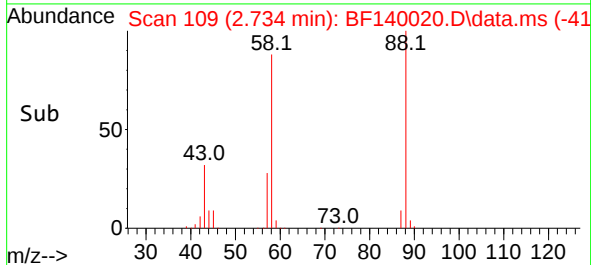
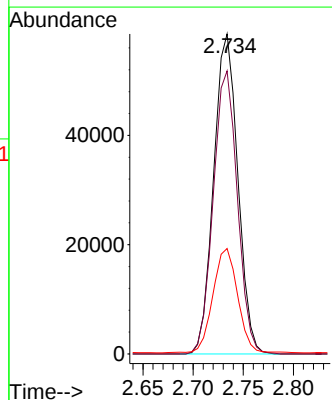
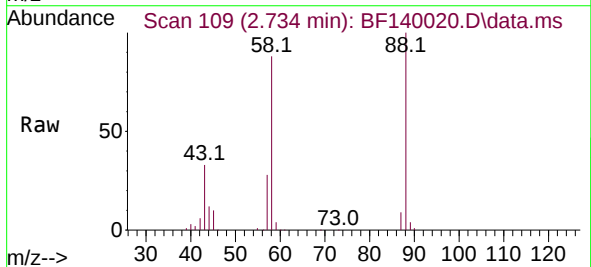
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BP-F27MSD

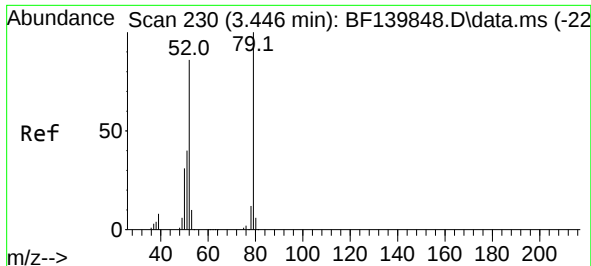
Tgt Ion:152 Resp: 80543
Ion Ratio Lower Upper
152 100
150 161.1 130.2 195.2
115 62.9 51.4 77.2



#2
1,4-Dioxane
Concen: 40.780 ng
RT: 2.734 min Scan# 109
Delta R.T. 0.047 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

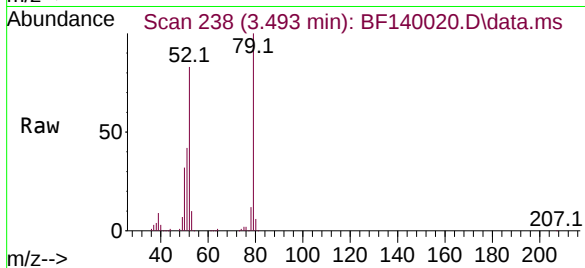
Tgt Ion: 88 Resp: 97824
Ion Ratio Lower Upper
88 100
58 88.5 73.3 109.9
43 33.5 27.1 40.7



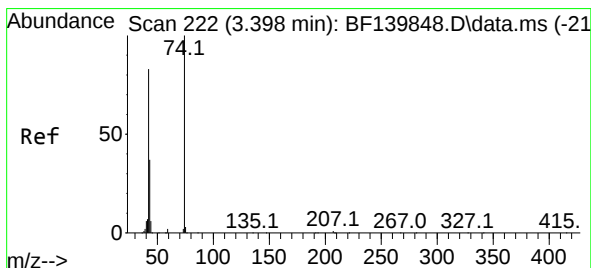
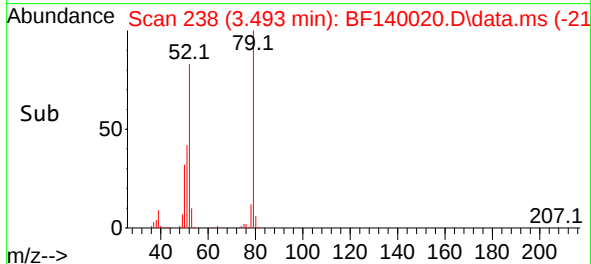
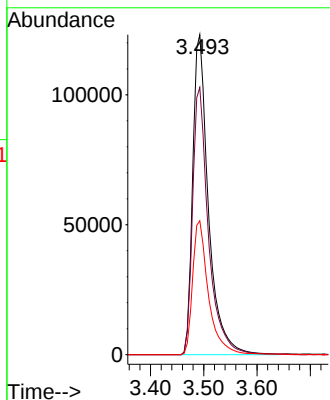


#3
Pyridine
Concen: 42.572 ng
RT: 3.493 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

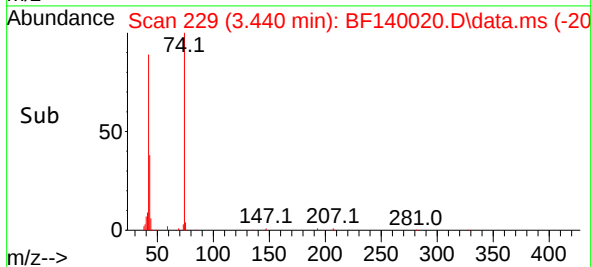
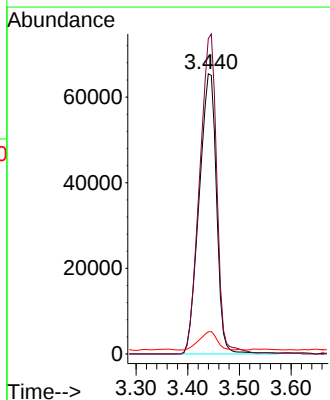
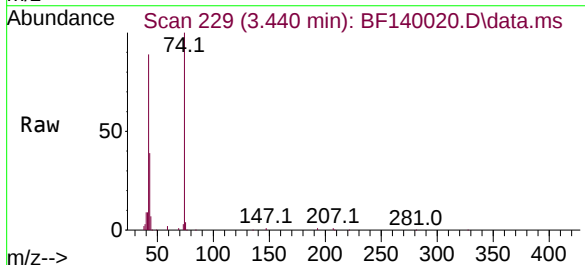


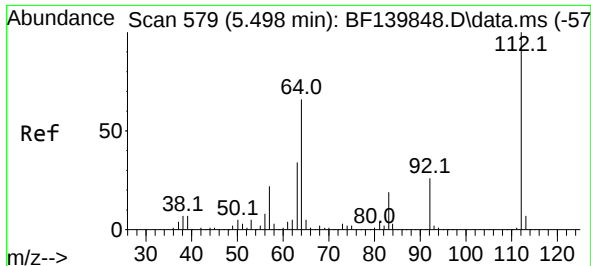
Tgt Ion: 79 Resp: 253128
Ion Ratio Lower Upper
79 100
52 83.5 68.5 102.7
51 41.8 32.3 48.5



#4
n-Nitrosodimethylamine
Concen: 47.791 ng
RT: 3.440 min Scan# 229
Delta R.T. 0.041 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion: 42 Resp: 152672
Ion Ratio Lower Upper
42 100
74 112.5 96.2 144.4
44 7.9 6.2 9.2

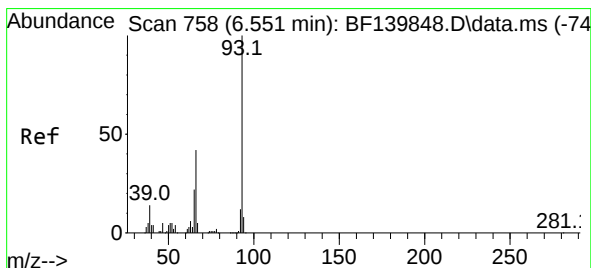
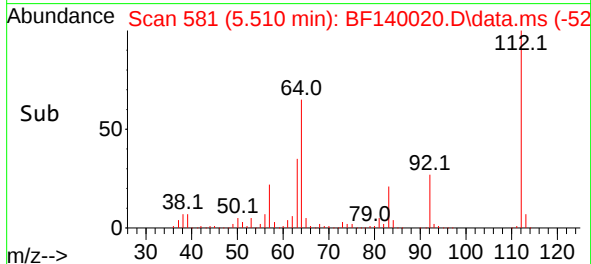
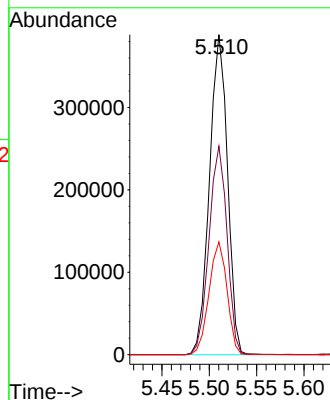
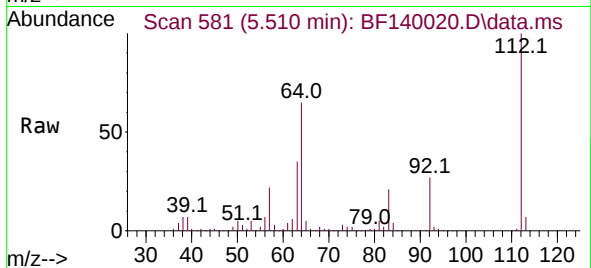




#5
2-Fluorophenol
Concen: 99.894 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

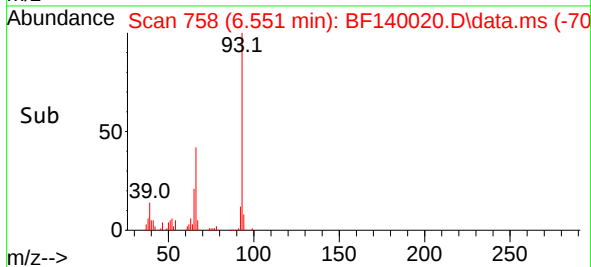
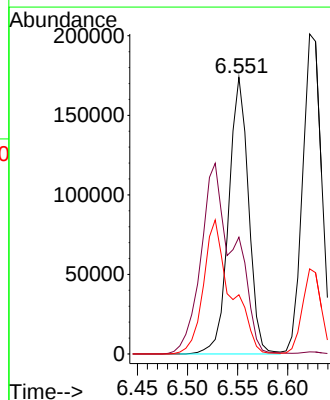
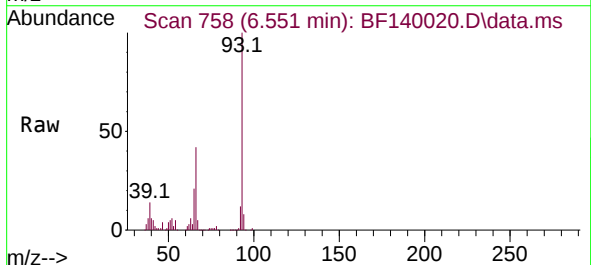
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ClientSampleId :
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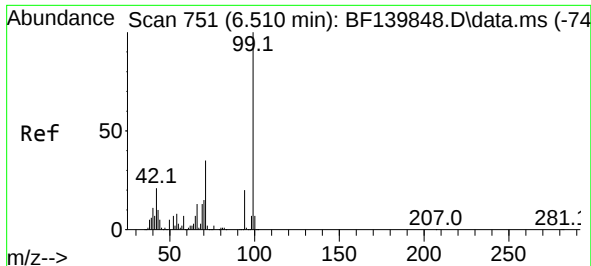
Tgt Ion: 112 Resp: 513946
Ion Ratio Lower Upper
112 100
64 65.2 53.0 79.6
63 35.3 27.0 40.4



#6
Aniline
Concen: 38.458 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion: 93 Resp: 238833
Ion Ratio Lower Upper
93 100
66 42.2 34.0 51.0
65 21.4 17.4 26.0

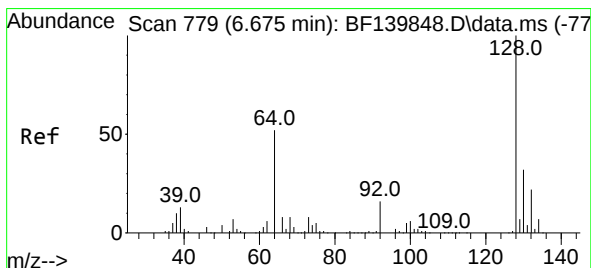
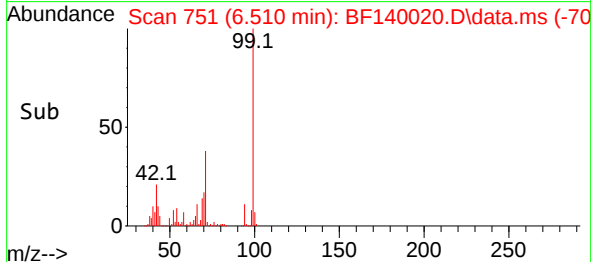
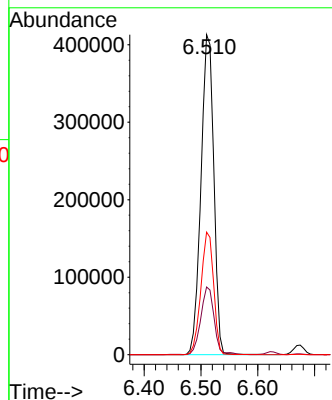
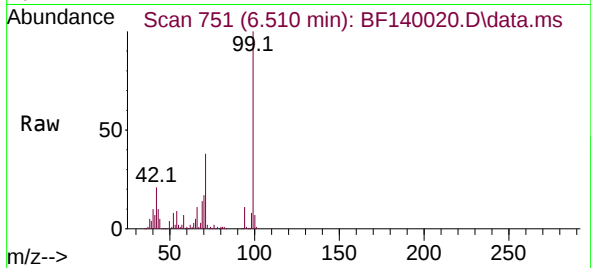




#7
Phenol-d6
Concen: 97.369 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

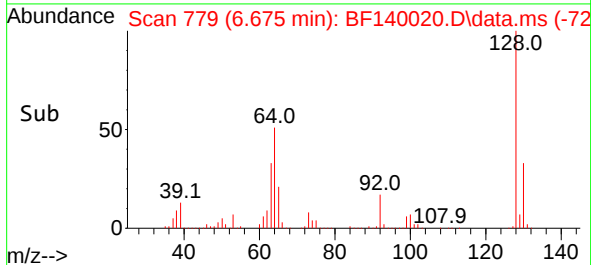
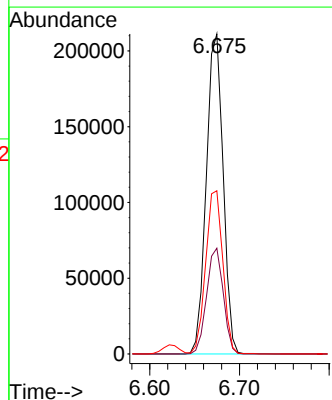
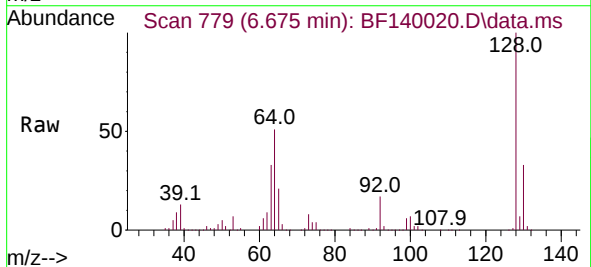
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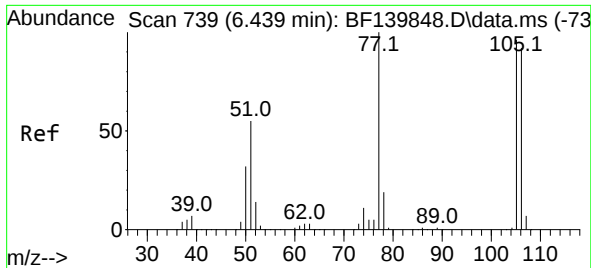
Tgt Ion: 99 Resp: 648815
Ion Ratio Lower Upper
99 100
42 21.2 16.7 25.1
71 38.3 27.7 41.5



#8
2-Chlorophenol
Concen: 52.256 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:128 Resp: 274849
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 51.0 34.6 74.6

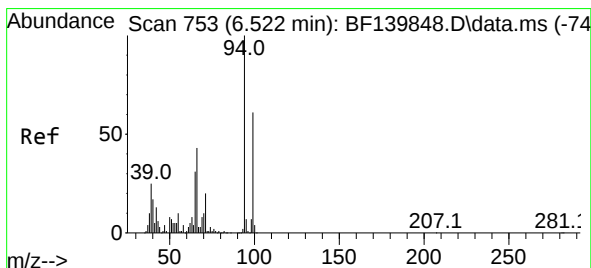
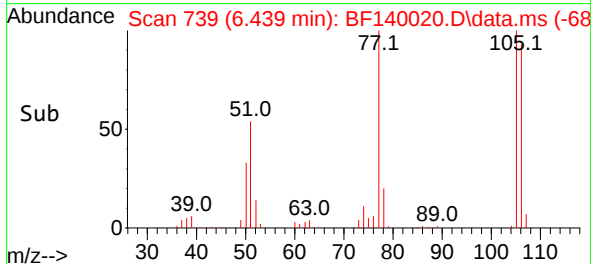
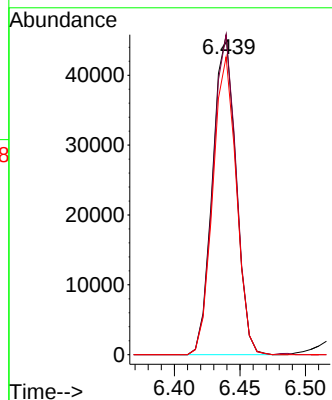
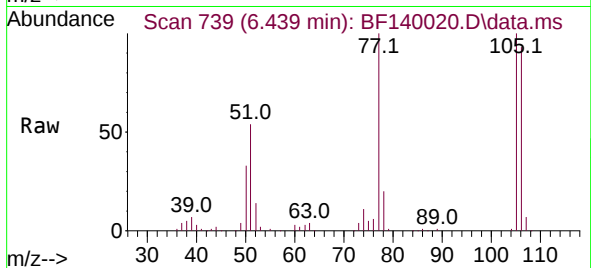




#9
Benzaldehyde
Concen: 15.135 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

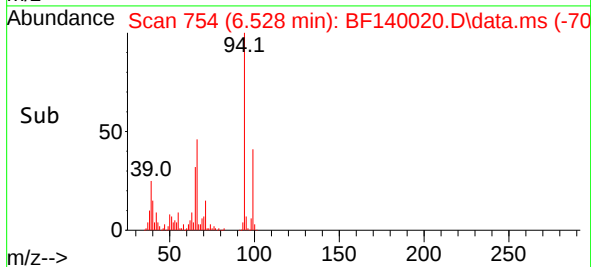
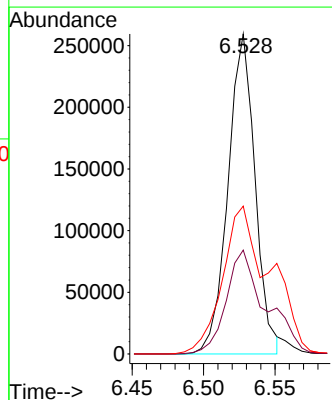
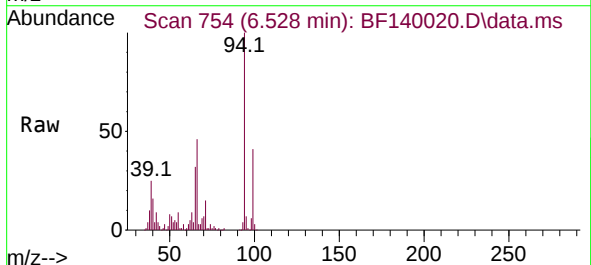
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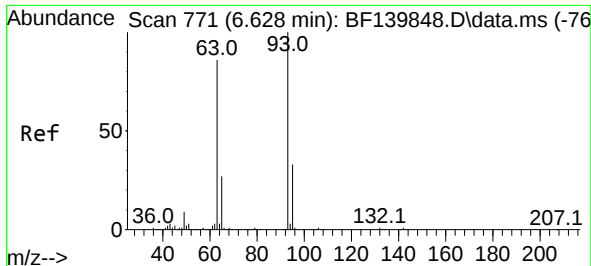
Tgt Ion:	77	Resp:	56735
Ion	Ratio	Lower	Upper
77	100		
105	100.1	75.5	115.5
106	93.2	71.7	111.7



#10
Phenol
Concen: 49.888 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:	94	Resp:	342719
Ion	Ratio	Lower	Upper
94	100		
65	32.5	11.1	51.1
66	46.2	22.7	62.7





#11

bis(2-Chloroethyl)ether

Concen: 49.132 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

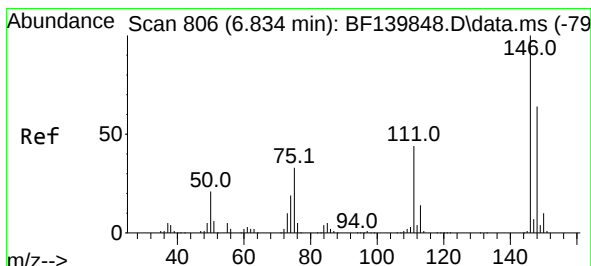
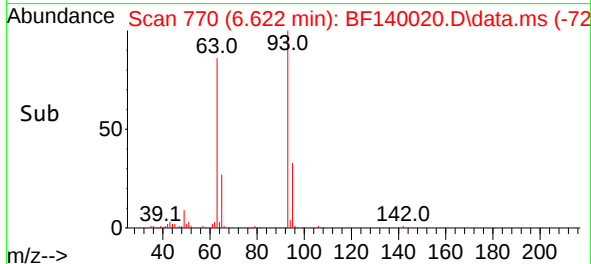
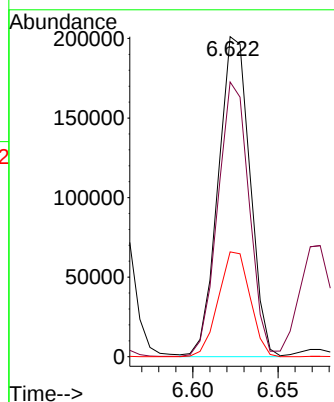
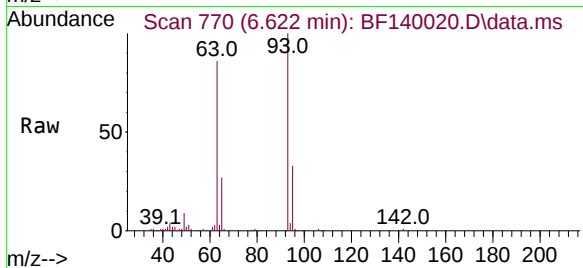
Tgt Ion: 93 Resp: 260882

Ion Ratio Lower Upper

93 100

63 85.8 65.0 105.0

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 49.739 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

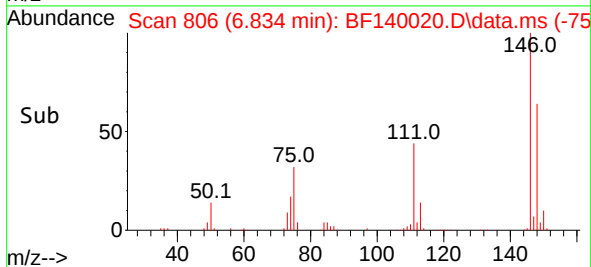
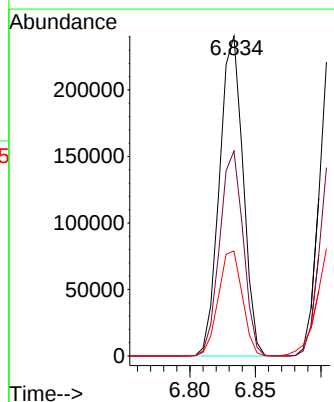
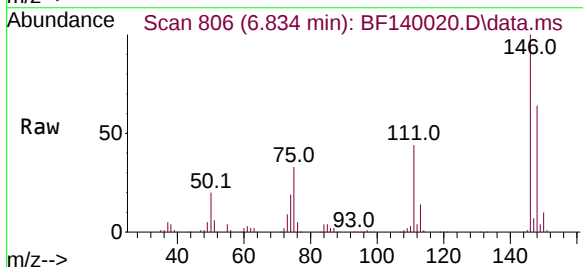
Tgt Ion:146 Resp: 300305

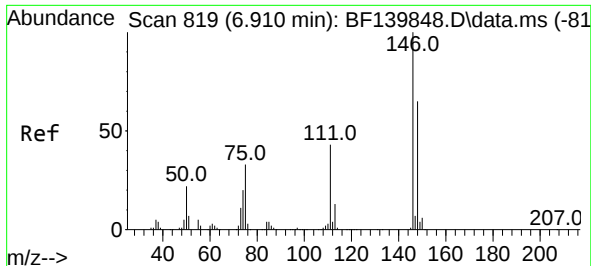
Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.4

75 32.8 26.4 39.6

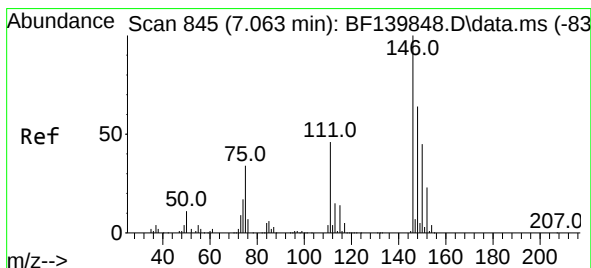
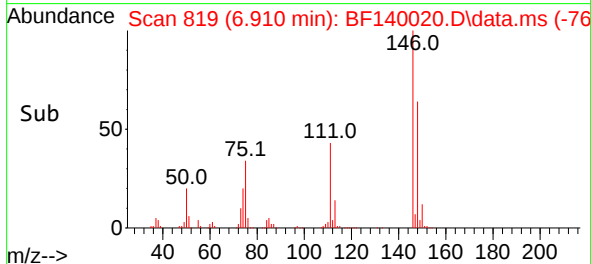
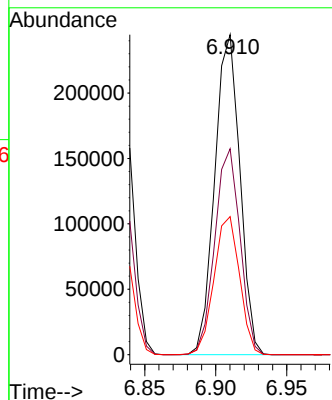
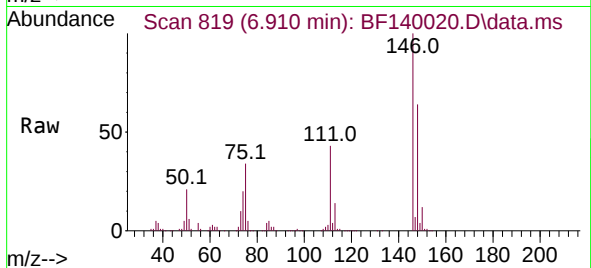




#13
1,4-Dichlorobenzene
Concen: 50.036 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

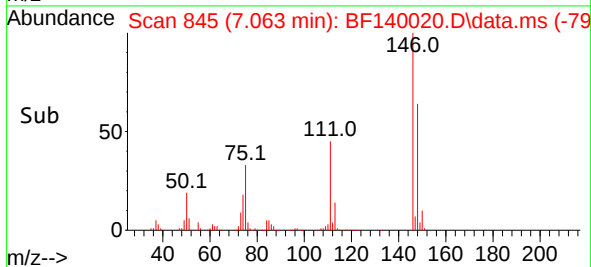
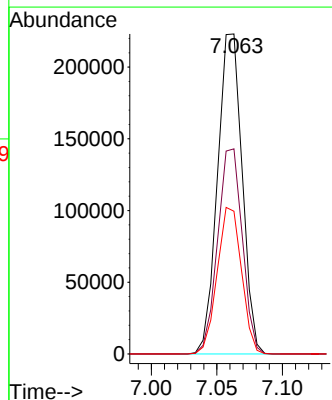
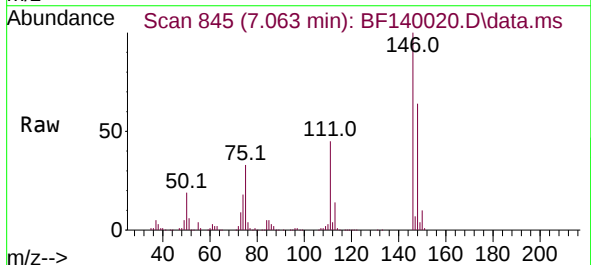
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

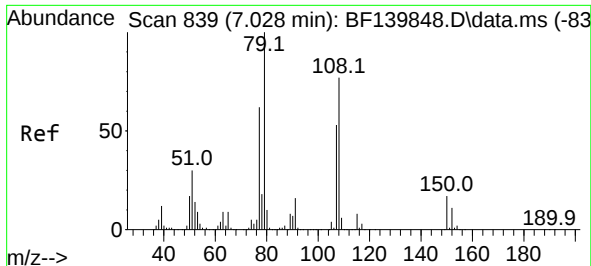
Tgt Ion:146 Resp: 301816
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 43.1 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 51.827 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:146 Resp: 291771
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 44.6 36.7 55.1

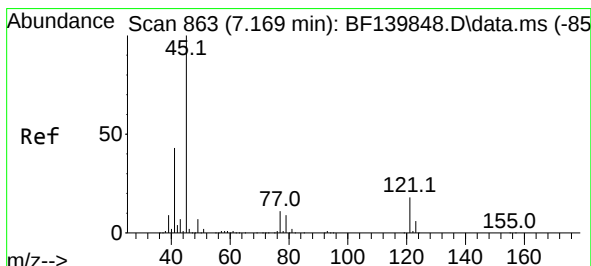
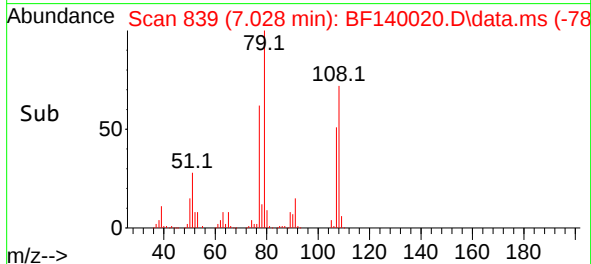
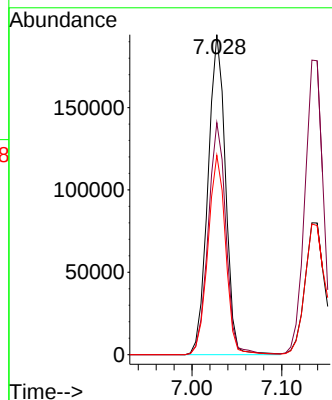
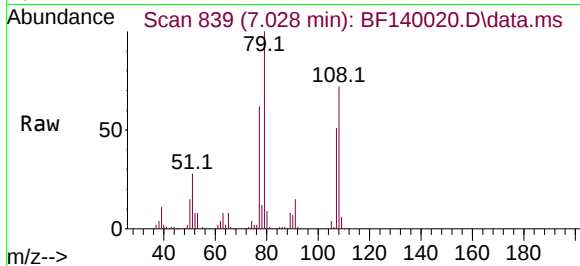




#15
Benzyl Alcohol
Concen: 53.872 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

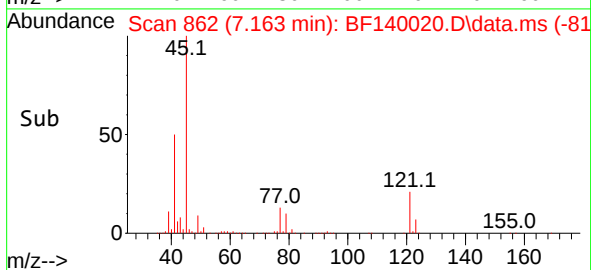
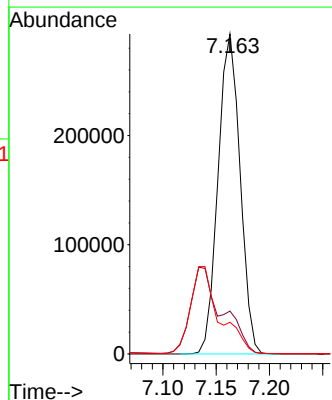
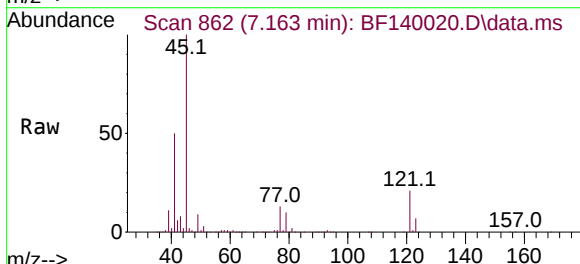
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

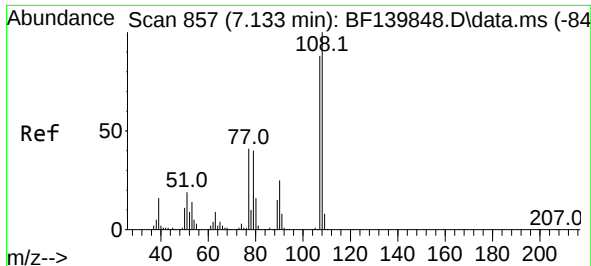
Tgt Ion: 79 Resp: 263321
Ion Ratio Lower Upper
79 100
108 72.5 61.4 92.0
77 62.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.397 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

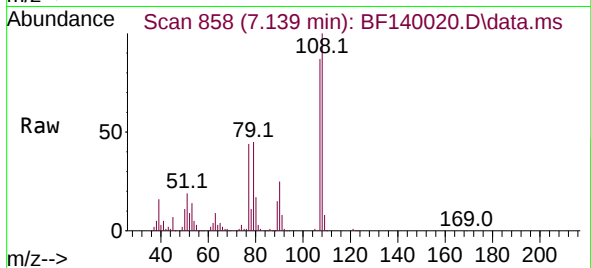
Tgt Ion: 45 Resp: 420071
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 9.9 0.0 29.1



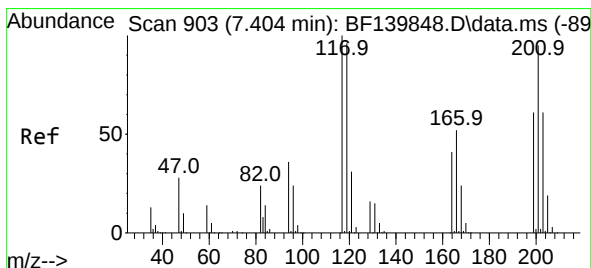
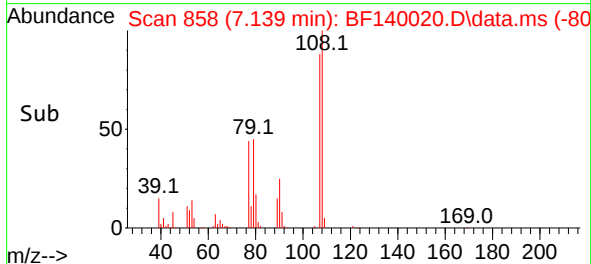
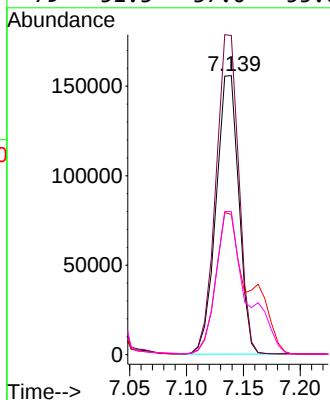


#17
2-Methylphenol
Concen: 48.484 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

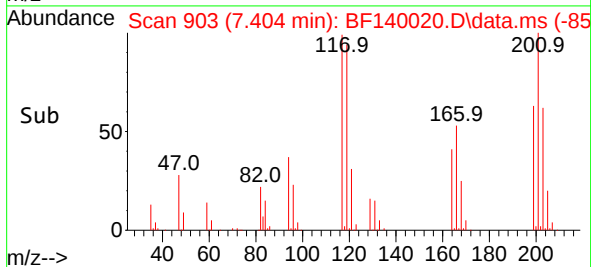
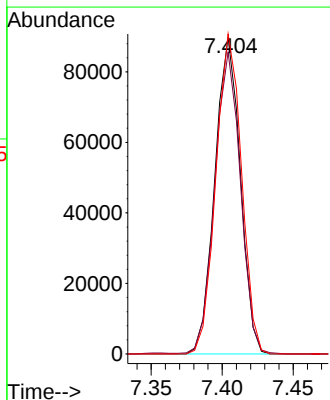
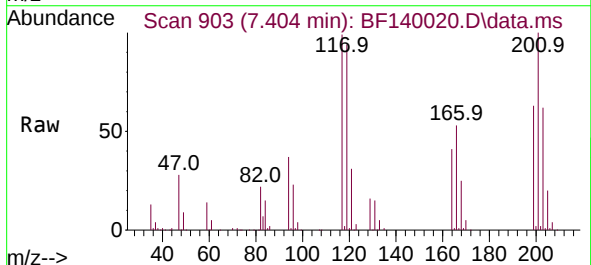


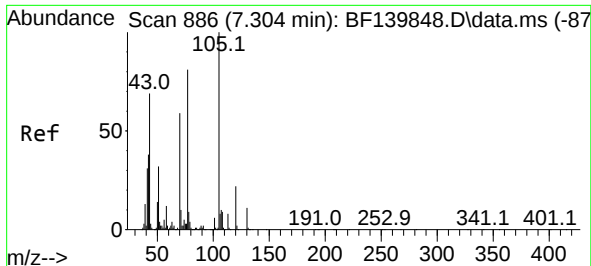
Tgt Ion:	107	Resp:	217445
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.3	136.9
77	50.3	37.1	55.7
79	51.3	37.0	55.6



#18
Hexachloroethane
Concen: 51.898 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:	117	Resp:	111634
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.0	115.4
201	101.1	76.2	114.4



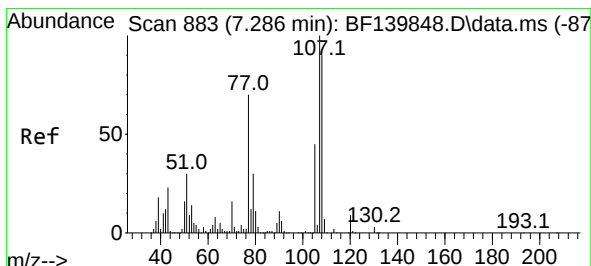
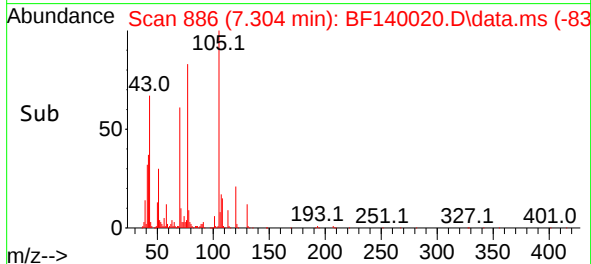
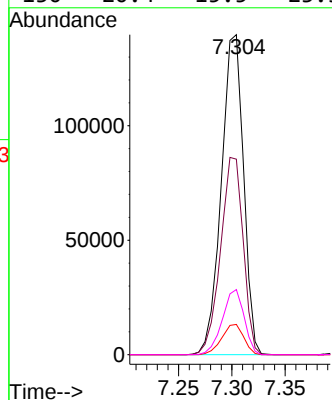
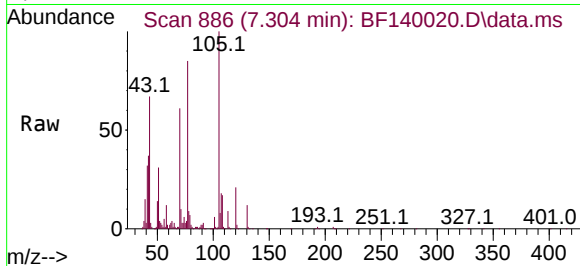


#19
n-Nitroso-di-n-propylamine
Concen: 50.043 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

Tgt Ion: 70 Resp: 202244

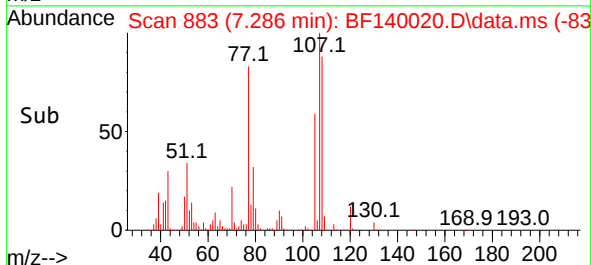
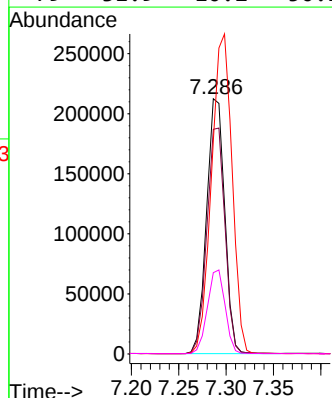
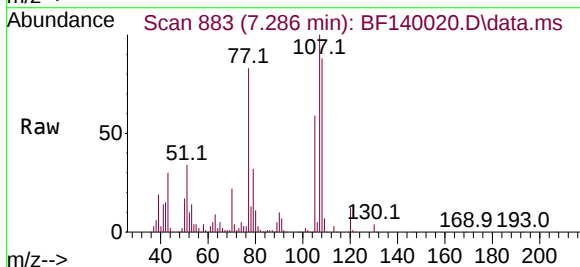
Ion	Ratio	Lower	Upper
70	100		
42	61.1	51.5	77.3
101	9.4	7.5	11.3
130	20.4	15.5	23.3

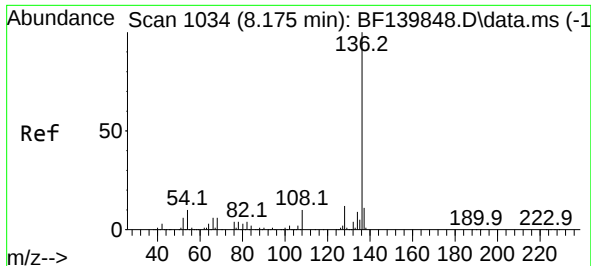


#20
3+4-Methylphenols
Concen: 49.215 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion: 107 Resp: 282325

Ion	Ratio	Lower	Upper
107	100		
108	88.0	69.8	109.8
77	83.5	50.5	90.5
79	31.9	10.2	50.2



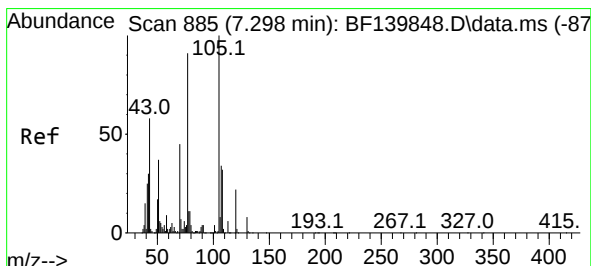
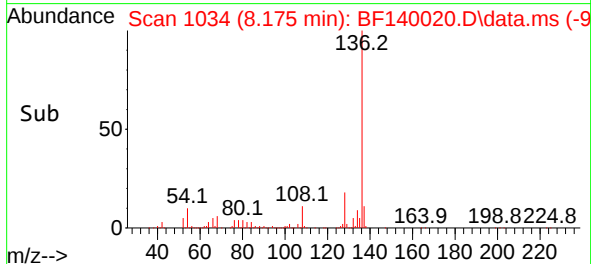
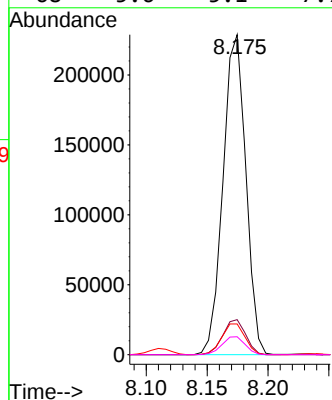
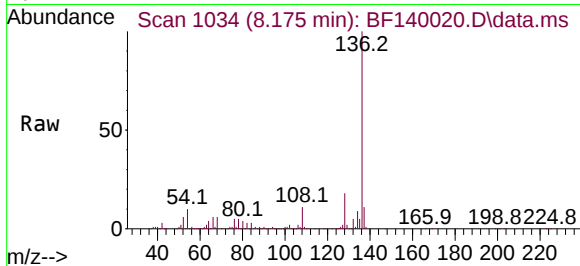


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

Tgt Ion:136 Resp: 298278

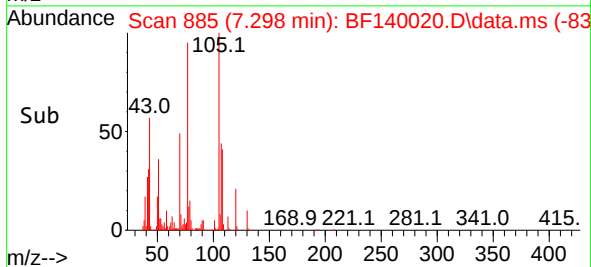
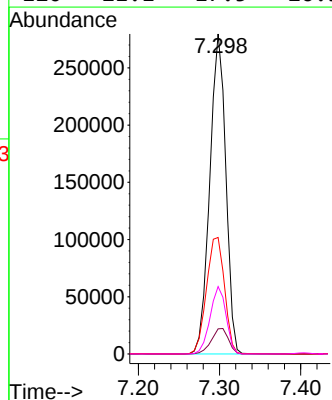
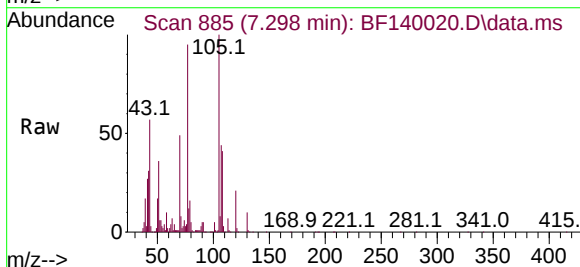
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.4	12.6
68	5.6	5.1	7.7

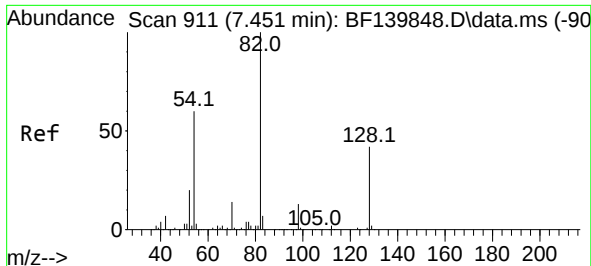


#22
Acetophenone
Concen: 52.382 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:105 Resp: 382695

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	36.4	29.4	44.2
120	21.1	17.5	26.3





#23

Nitrobenzene-d5

Concen: 78.657 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

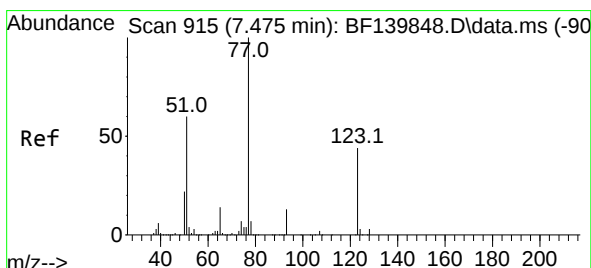
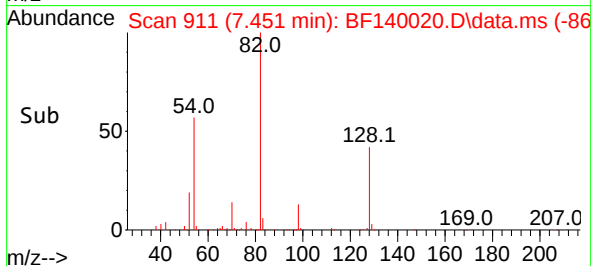
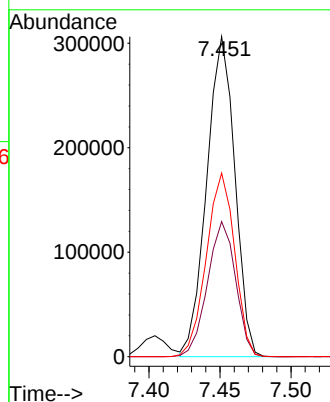
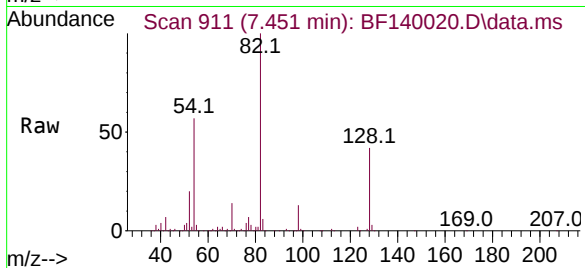
Tgt Ion: 82 Resp: 423314

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 57.3 47.8 71.8



#24

Nitrobenzene

Concen: 52.037 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

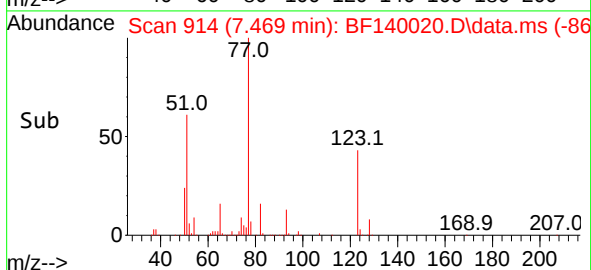
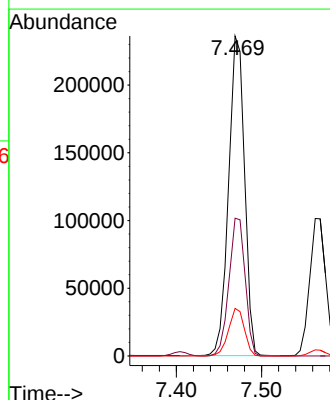
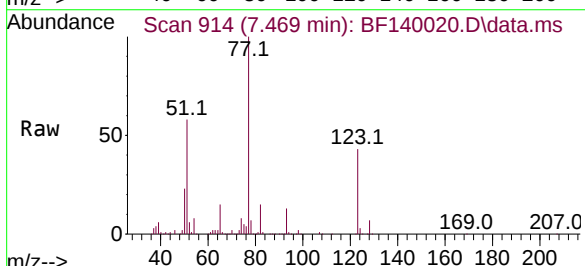
Tgt Ion: 77 Resp: 307045

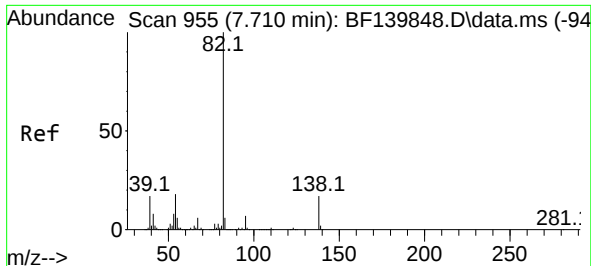
Ion Ratio Lower Upper

77 100

123 43.1 35.7 53.5

65 14.8 11.5 17.3

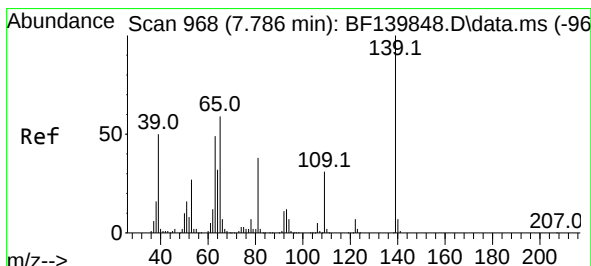
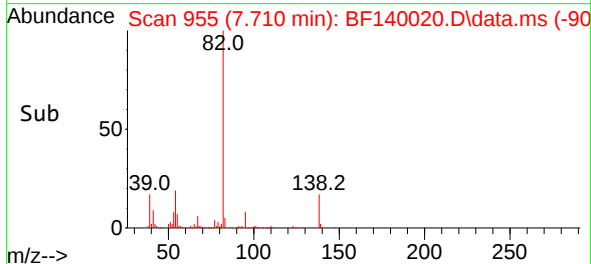
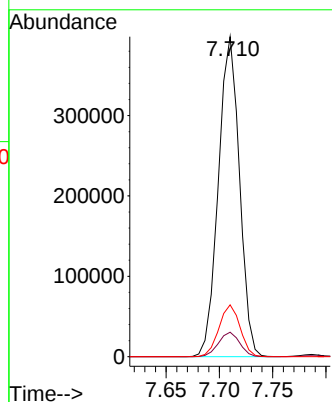
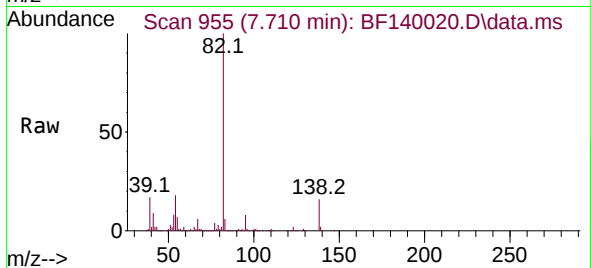




#25
Isophorone
Concen: 53.665 ng
RT: 7.710 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

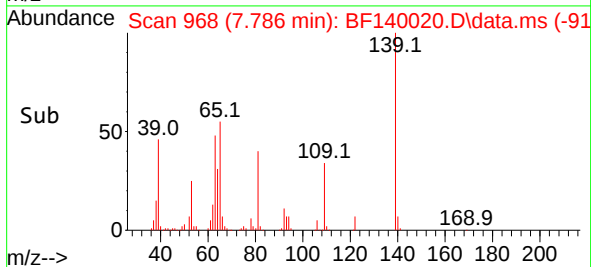
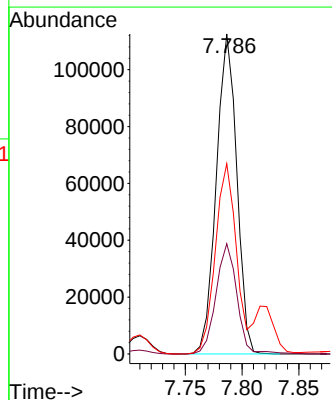
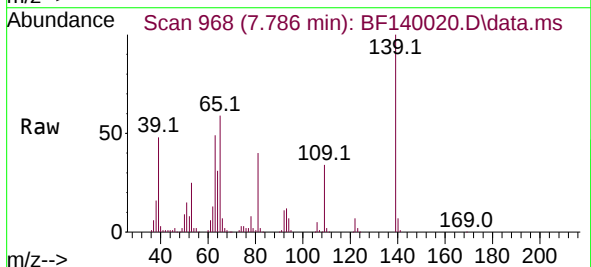
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

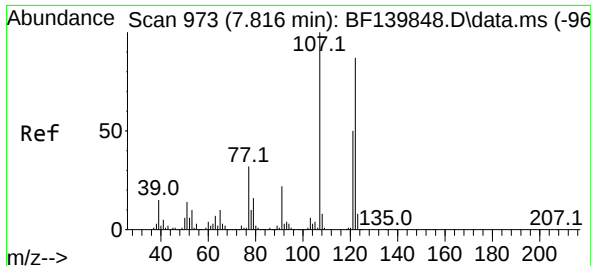
Tgt Ion: 82 Resp: 548163
Ion Ratio Lower Upper
82 100
95 7.7 5.5 8.3
138 16.2 13.2 19.8



#26
2-Nitrophenol
Concen: 63.374 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:139 Resp: 141070
Ion Ratio Lower Upper
139 100
109 34.4 25.1 37.7
65 59.5 47.5 71.3

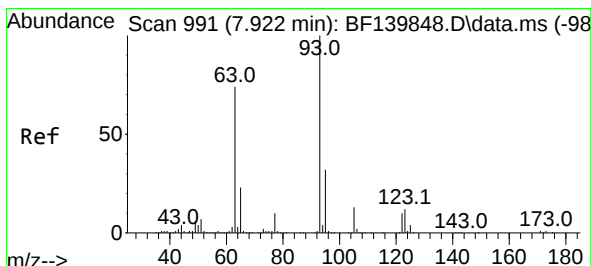
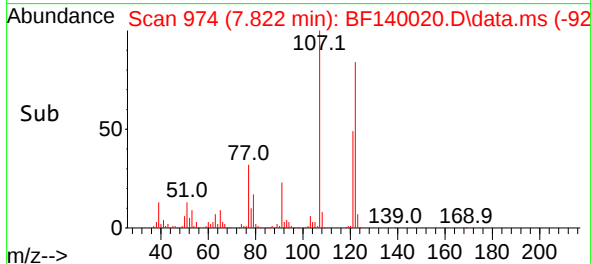
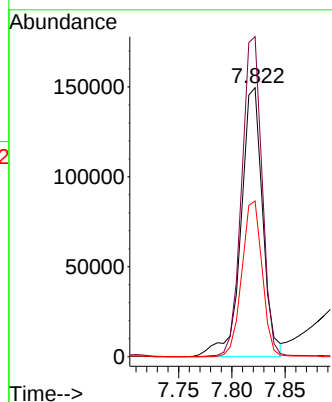
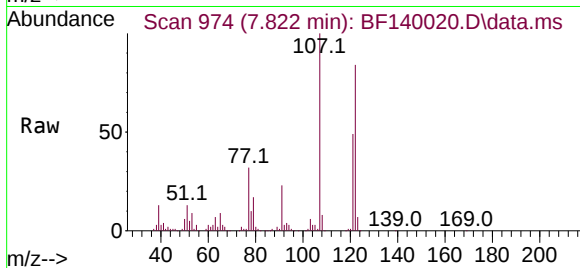




#27
2,4-Dimethylphenol
Concen: 57.135 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

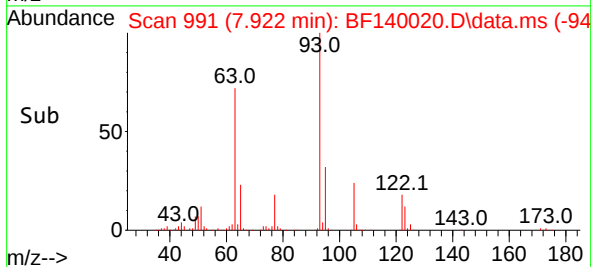
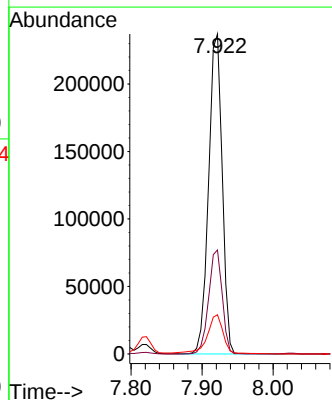
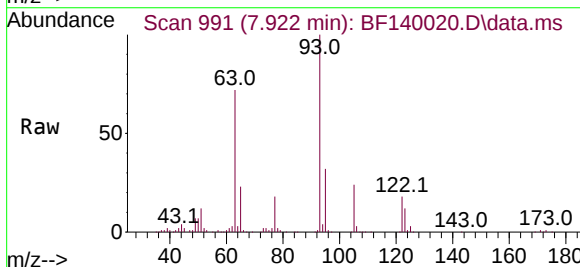
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

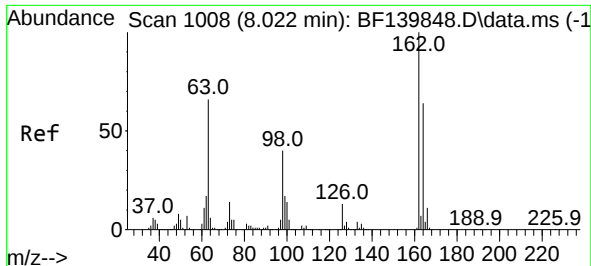
Tgt Ion:122 Resp: 212072
Ion Ratio Lower Upper
122 100
107 119.0 91.9 137.9
121 57.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.144 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion: 93 Resp: 316515
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 52.974 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

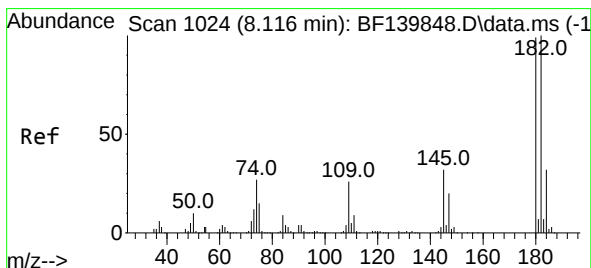
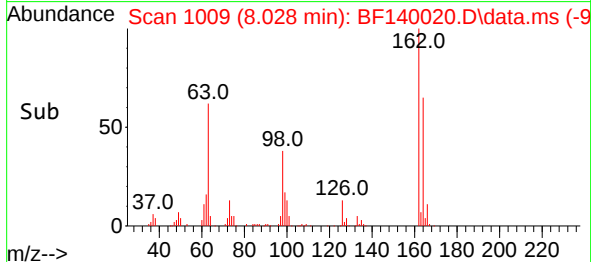
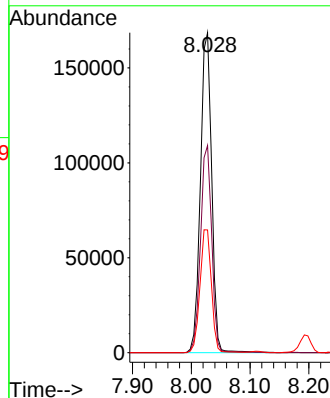
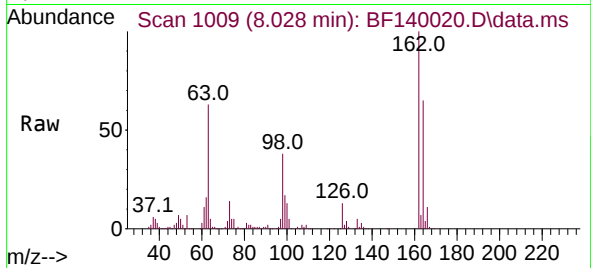
Tgt Ion:162 Resp: 223962

Ion Ratio Lower Upper

162 100

164 64.7 43.9 83.9

98 38.3 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 51.740 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

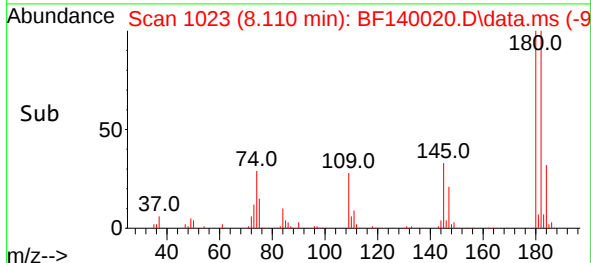
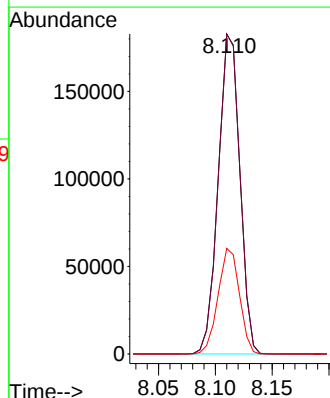
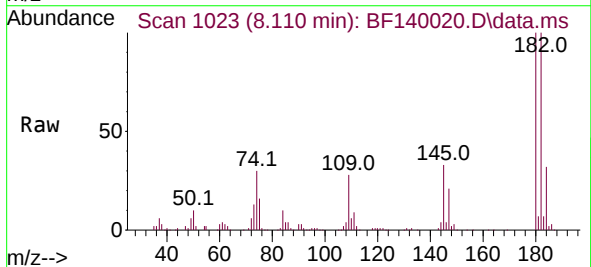
Tgt Ion:180 Resp: 242047

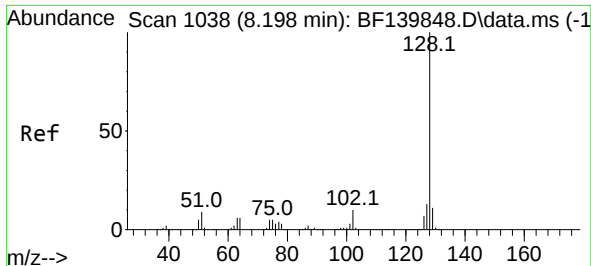
Ion Ratio Lower Upper

180 100

182 99.8 80.5 120.7

145 33.0 25.4 38.0

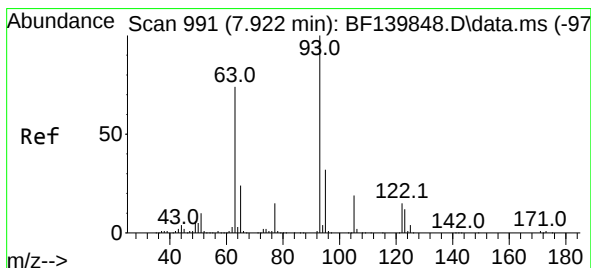
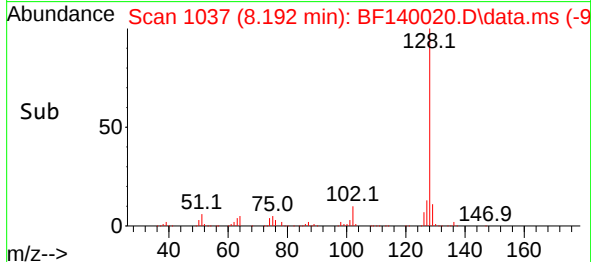
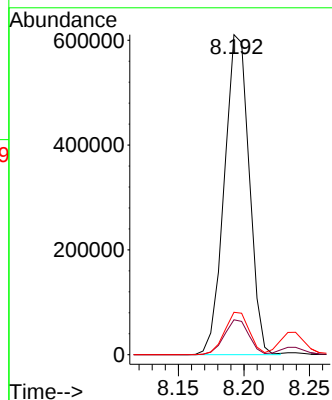
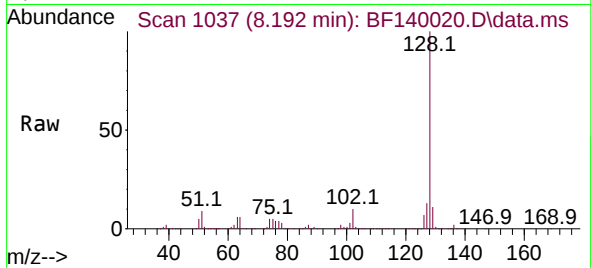




#31
Naphthalene
Concen: 52.206 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

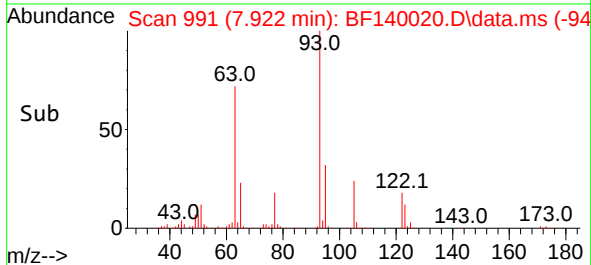
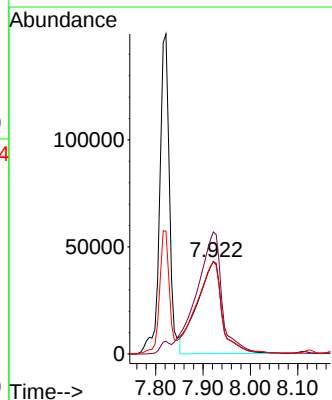
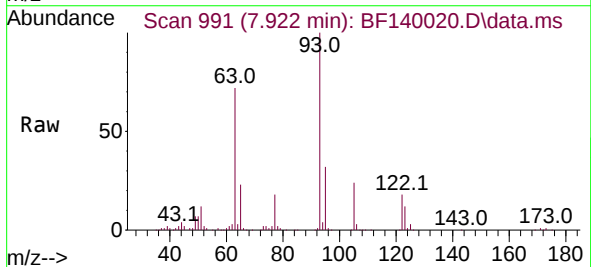
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

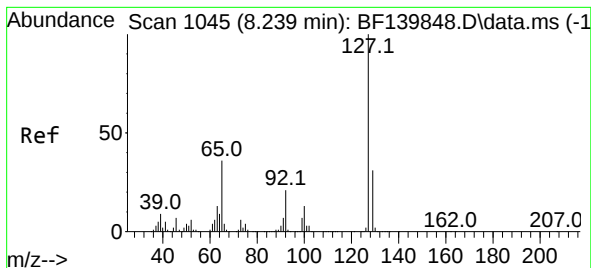
Tgt Ion:128 Resp: 803102
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 48.624 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:122 Resp: 157414
Ion Ratio Lower Upper
122 100
105 132.0 107.6 147.6
77 99.7 80.2 120.2





#33

4-Chloroaniline

Concen: 12.194 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

Tgt Ion:127 Resp: 63963

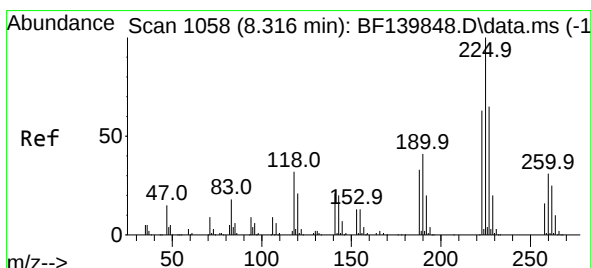
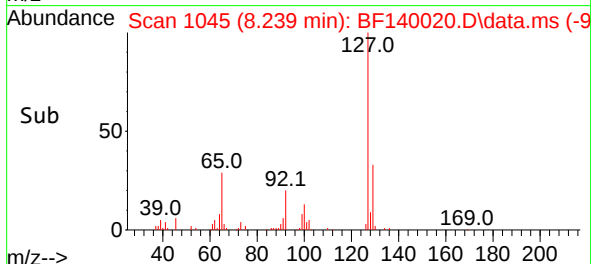
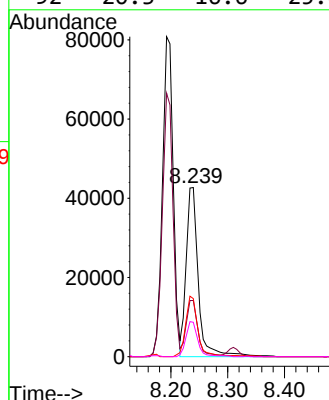
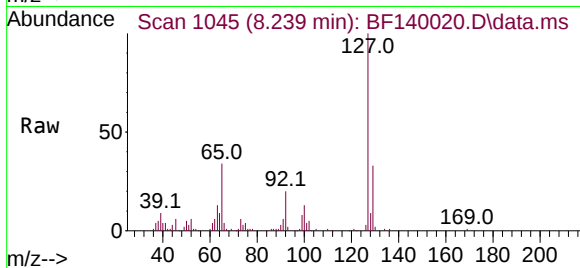
Ion Ratio Lower Upper

127 100

129 33.2 25.4 38.2

65 34.3 28.4 42.6

92 20.3 16.6 25.0



#34

Hexachlorobutadiene

Concen: 56.166 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

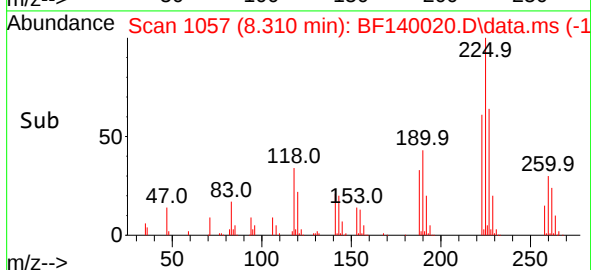
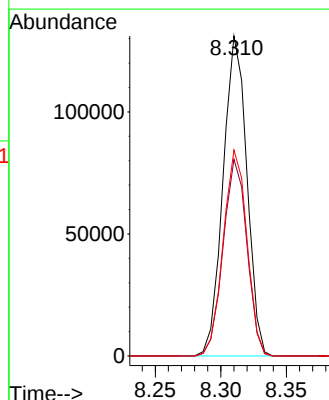
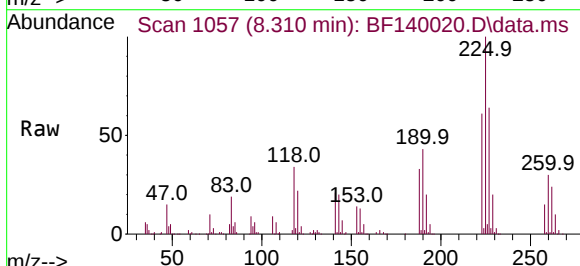
Tgt Ion:225 Resp: 165091

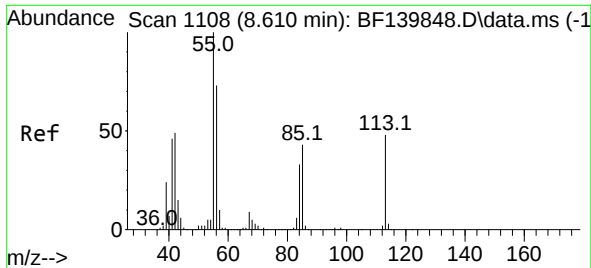
Ion Ratio Lower Upper

225 100

223 61.5 50.6 76.0

227 64.4 51.8 77.8

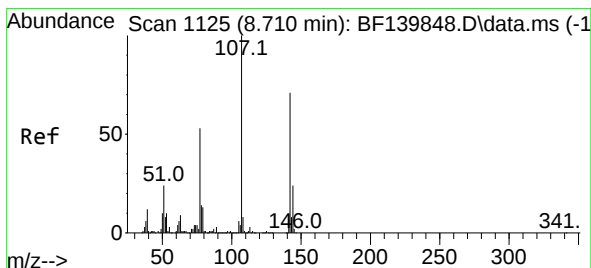
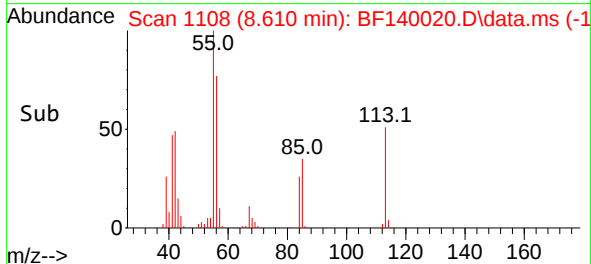
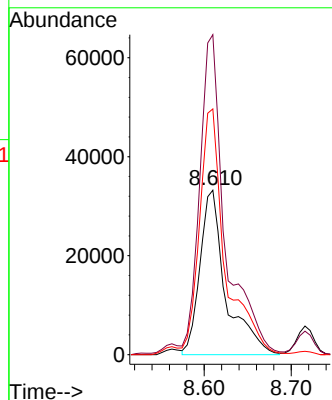
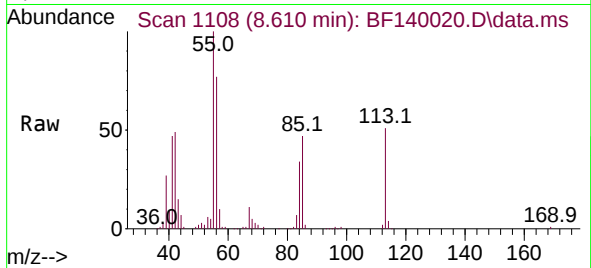




#35
Caprolactam
Concen: 51.177 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

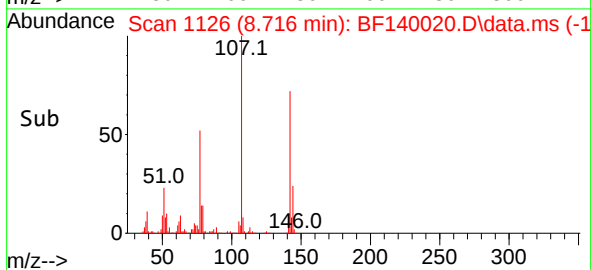
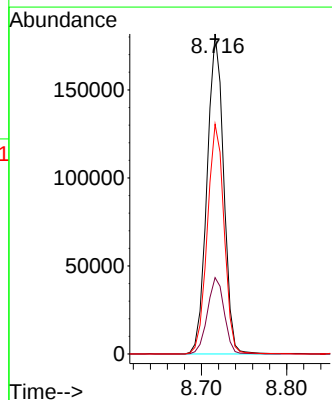
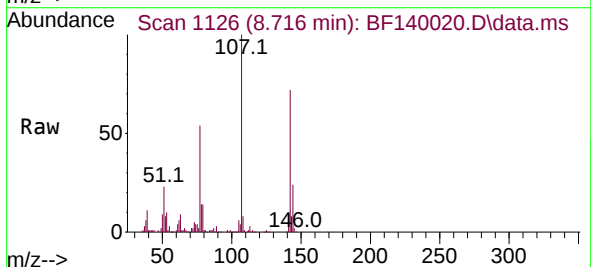
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

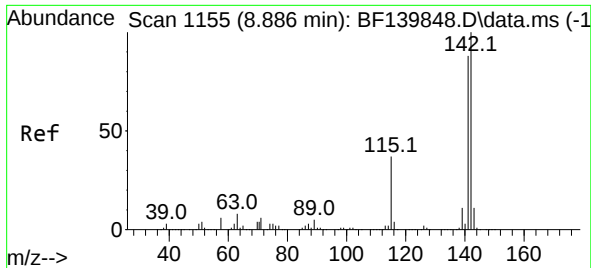
Tgt Ion:113 Resp: 68797
Ion Ratio Lower Upper
113 100
55 194.5 189.2 229.2
56 149.3 132.5 172.5



#36
4-Chloro-3-methylphenol
Concen: 52.505 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:107 Resp: 245795
Ion Ratio Lower Upper
107 100
144 23.9 19.1 28.7
142 71.8 57.2 85.8

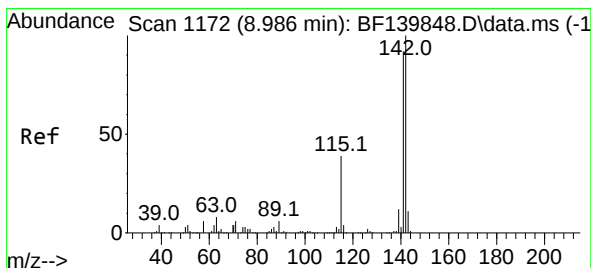
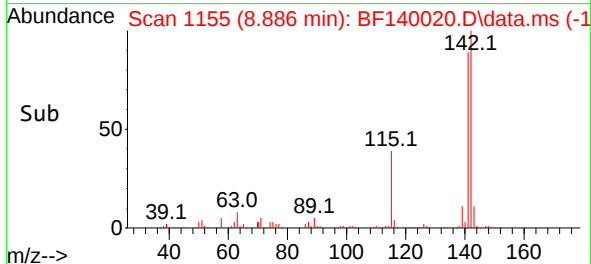
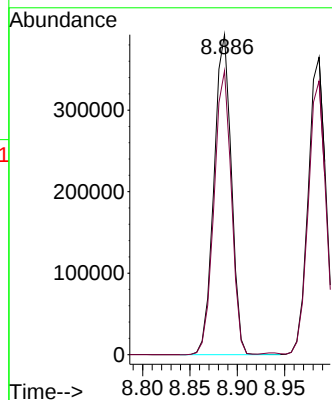
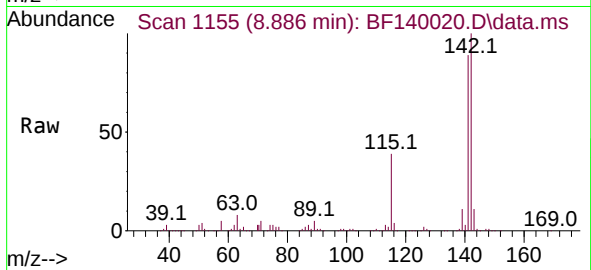




#37
2-Methylnaphthalene
Concen: 53.201 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

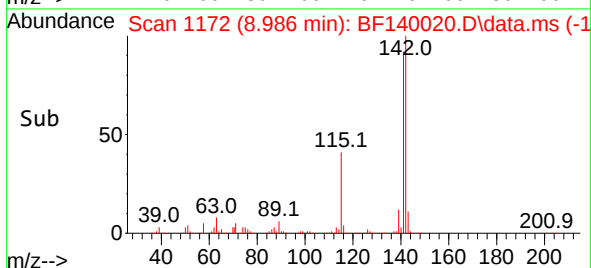
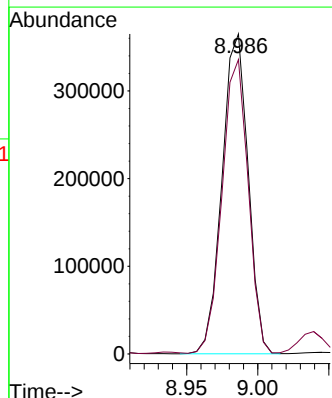
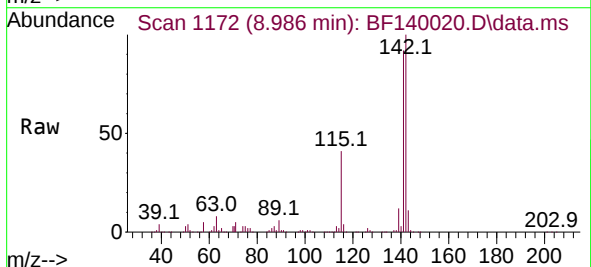
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

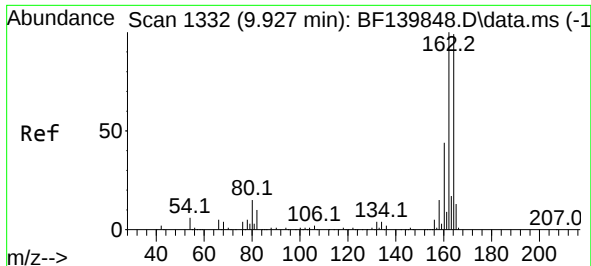
Tgt Ion:142 Resp: 501231
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2



#38
1-Methylnaphthalene
Concen: 50.391 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:142 Resp: 465788
Ion Ratio Lower Upper
142 100
141 92.0 73.5 110.3

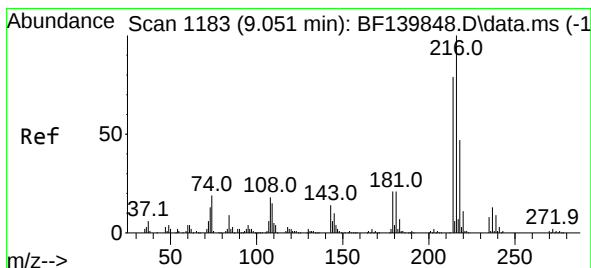
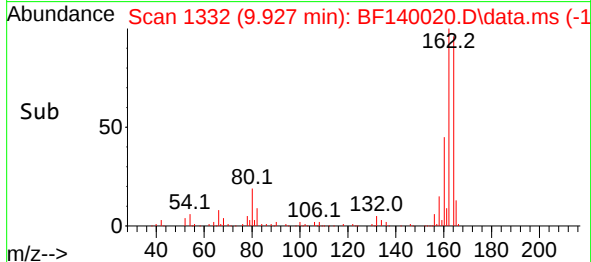
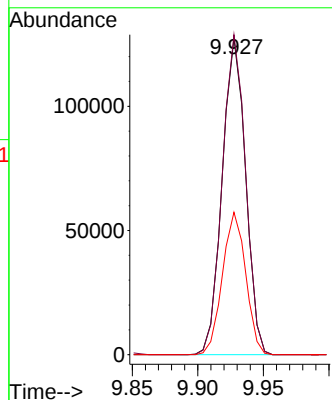
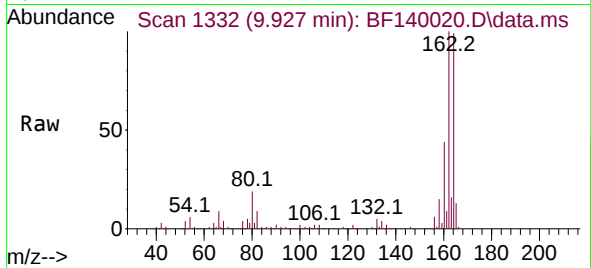




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

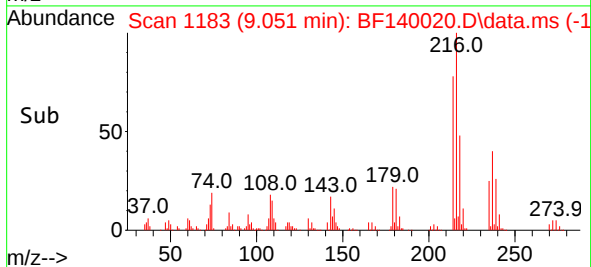
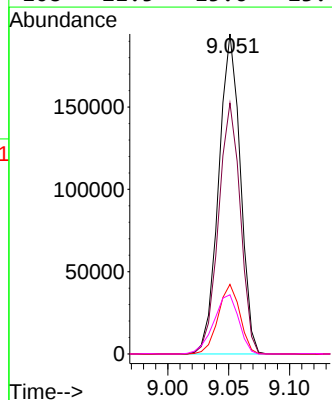
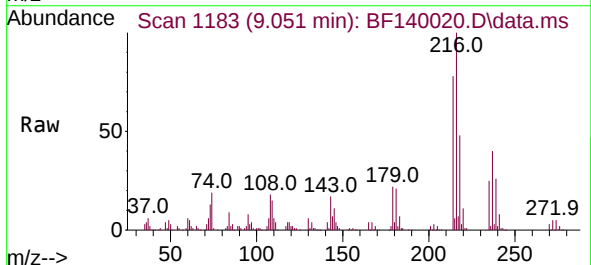
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

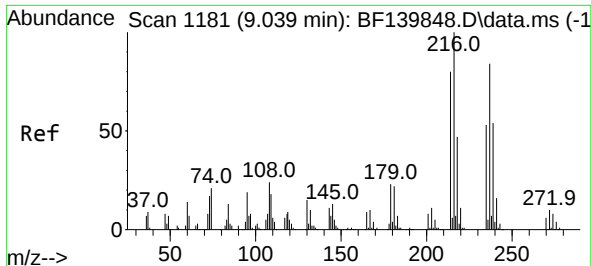
Tgt Ion:164 Resp: 158034
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 45.0 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.470 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:216 Resp: 240761
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 21.8 17.2 25.8
108 21.5 15.6 23.4

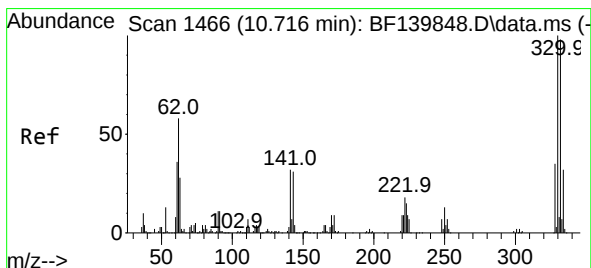
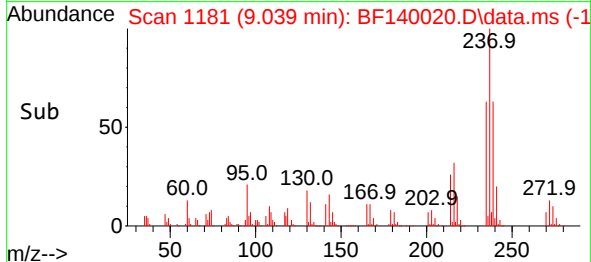
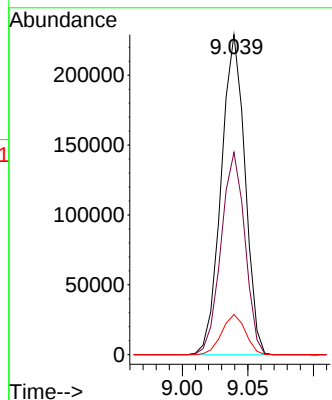
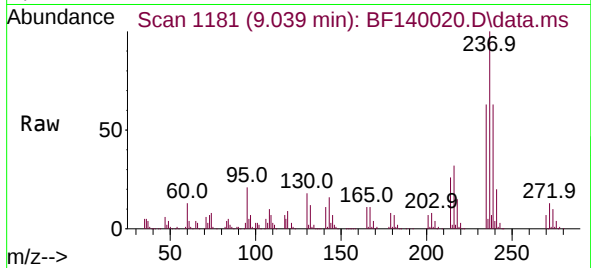




#41
Hexachlorocyclopentadiene
Concen: 194.519 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

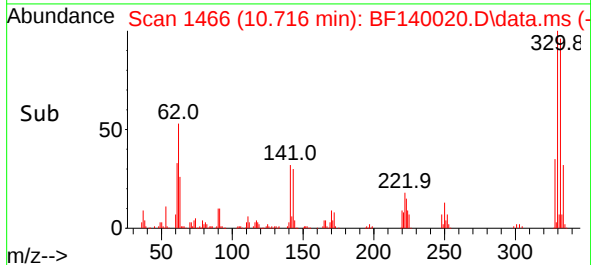
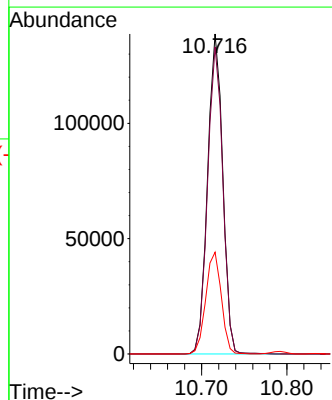
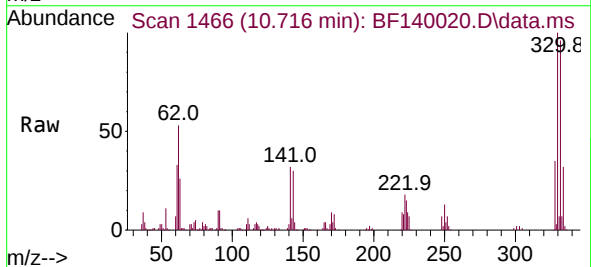
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

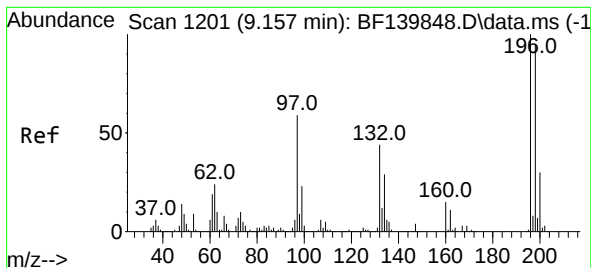
Tgt Ion:237 Resp: 288568
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 12.6 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 116.062 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:330 Resp: 171563
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 32.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 56.269 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

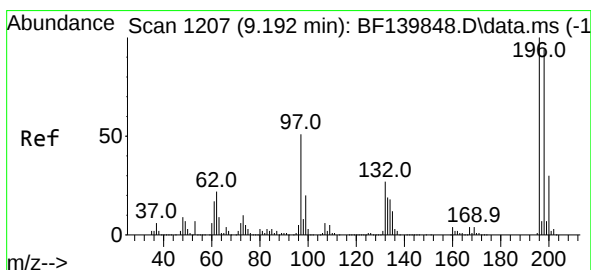
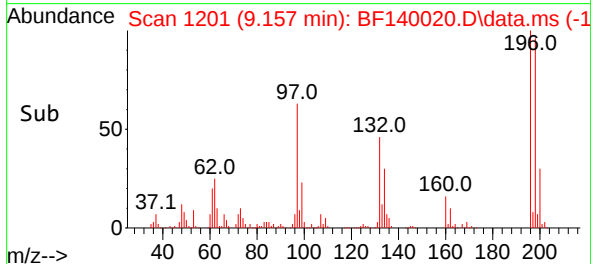
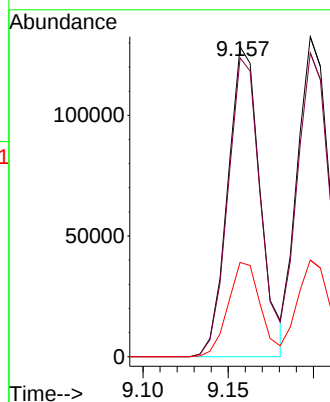
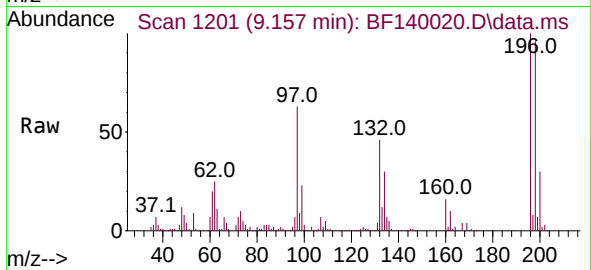
Tgt Ion:196 Resp: 169849

Ion Ratio Lower Upper

196 100

198 96.4 76.2 114.2

200 30.4 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 54.591 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Tgt Ion:196 Resp: 170012

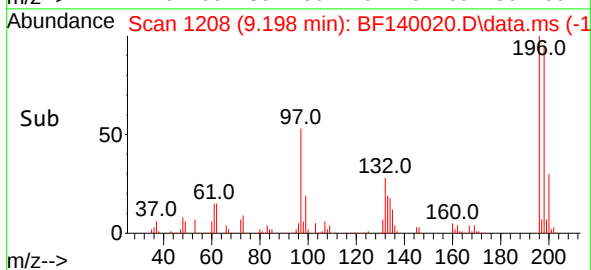
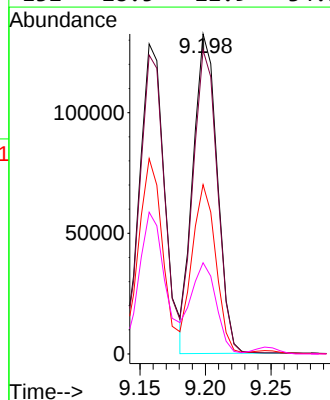
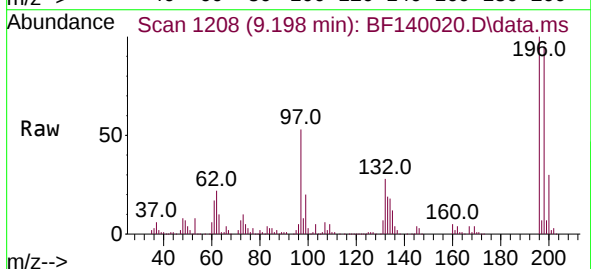
Ion Ratio Lower Upper

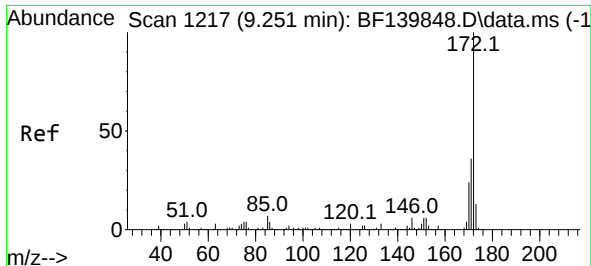
196 100

198 94.9 75.8 113.6

97 52.9 41.8 62.6

132 28.5 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 75.037 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

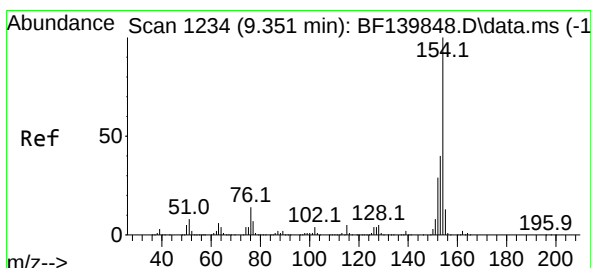
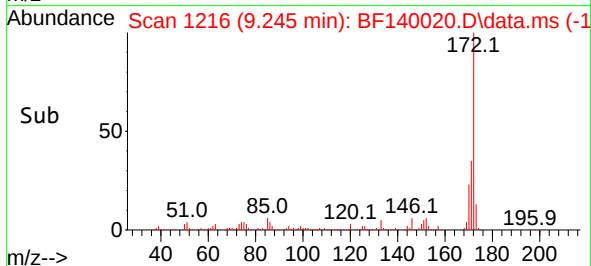
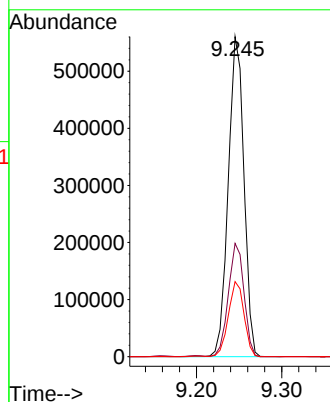
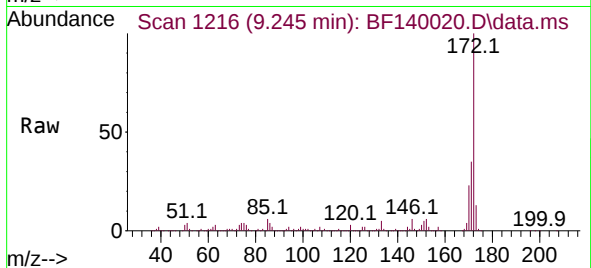
Tgt Ion:172 Resp: 717517

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 54.606 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

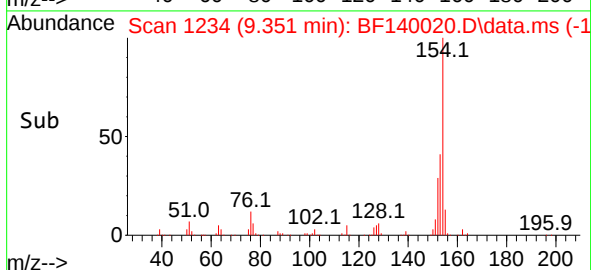
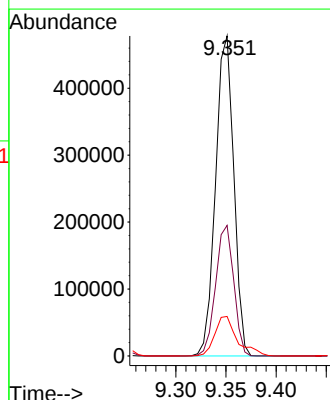
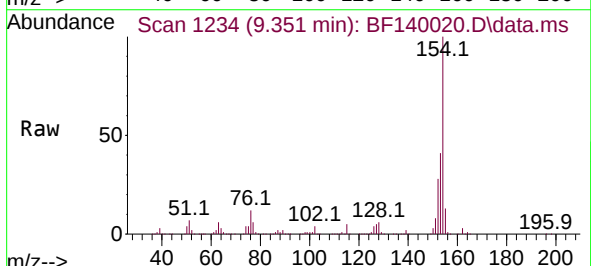
Tgt Ion:154 Resp: 600748

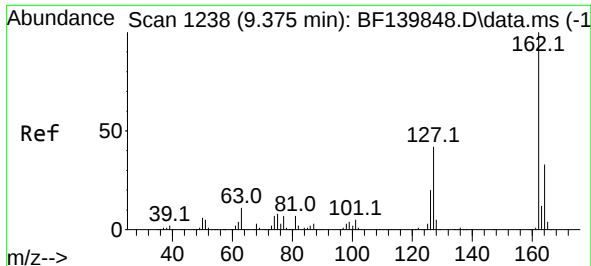
Ion Ratio Lower Upper

154 100

153 40.8 20.3 60.3

76 12.3 0.0 33.9

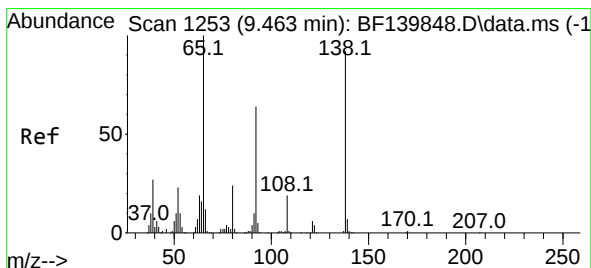
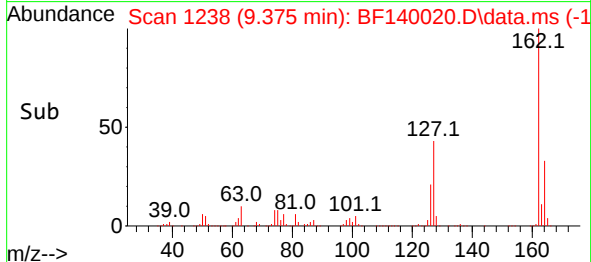
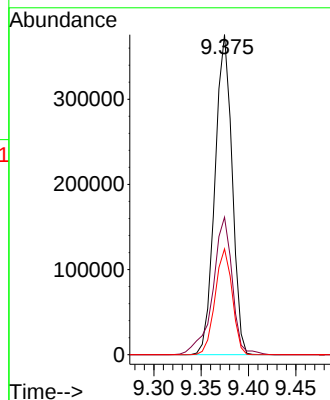
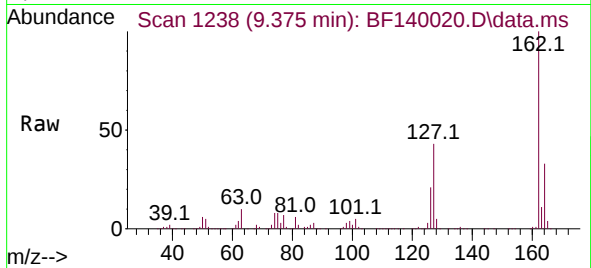




#47
2-Chloronaphthalene
Concen: 53.414 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

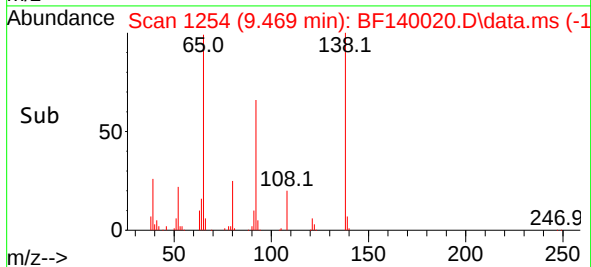
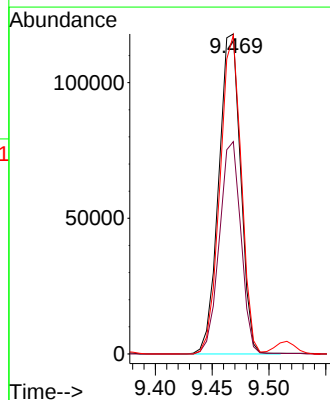
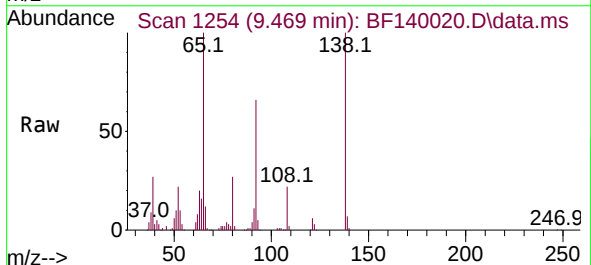
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

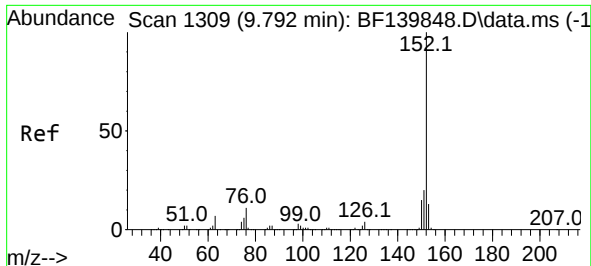
Tgt Ion:162 Resp: 473283
Ion Ratio Lower Upper
162 100
127 42.9 33.8 50.6
164 33.1 26.6 39.8



#48
2-Nitroaniline
Concen: 58.413 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion: 65 Resp: 158300
Ion Ratio Lower Upper
65 100
92 66.4 50.9 76.3
138 99.6 73.4 110.0

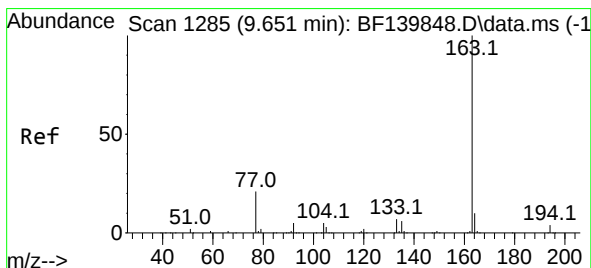
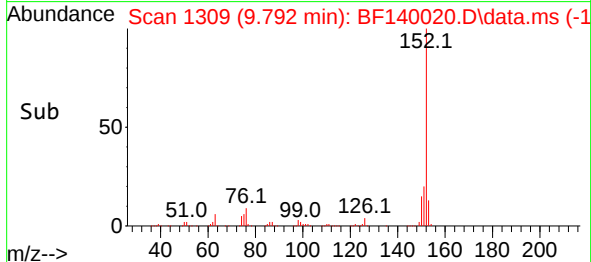
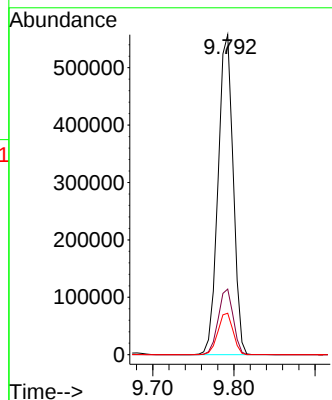
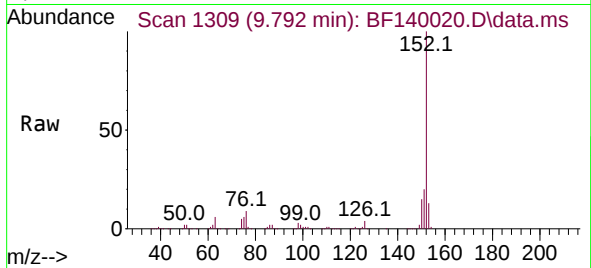




#49
Acenaphthylene
Concen: 56.281 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

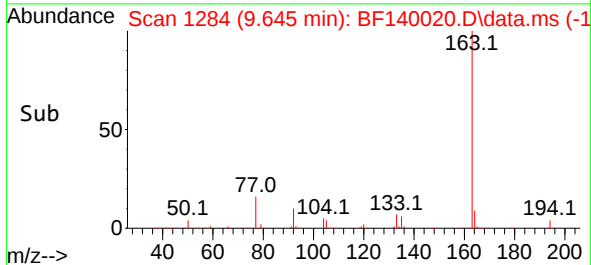
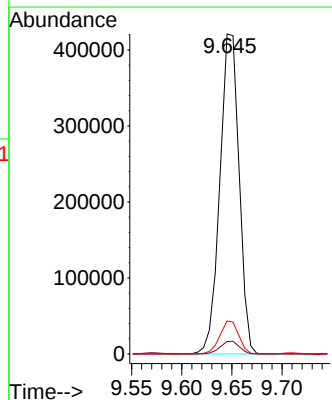
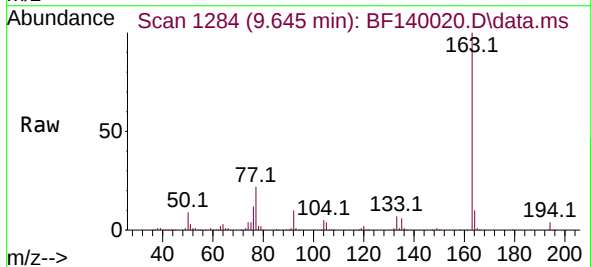
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

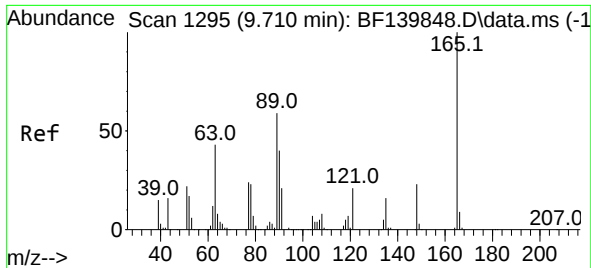
Tgt Ion:152 Resp: 720960
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.0 10.7 16.1



#50
Dimethylphthalate
Concen: 57.012 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:163 Resp: 561206
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.3 8.2 12.2

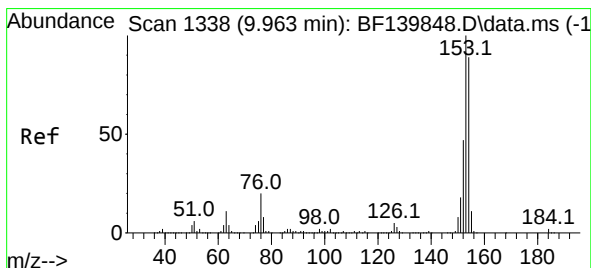
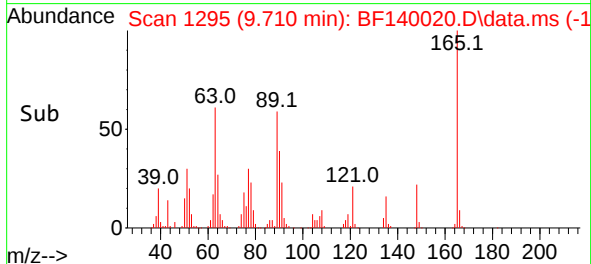
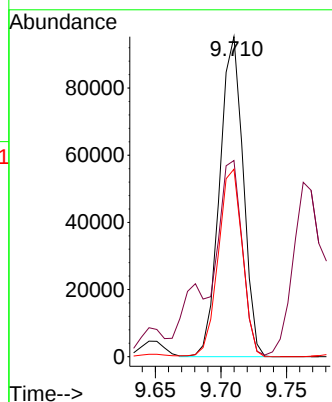
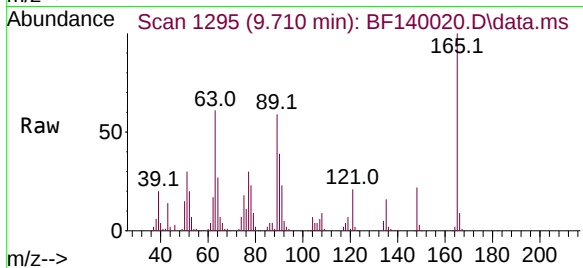




#51
2,6-Dinitrotoluene
Concen: 55.688 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

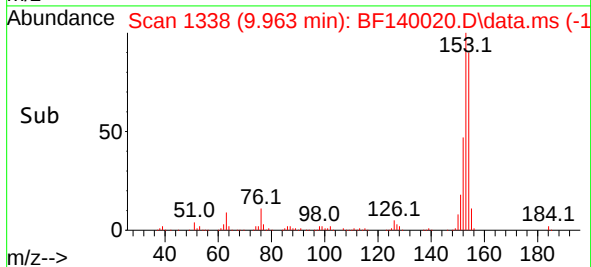
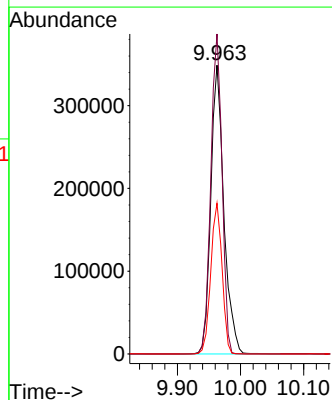
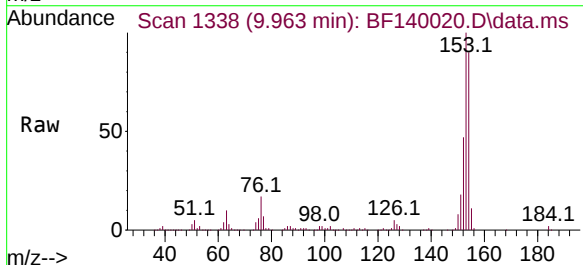
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

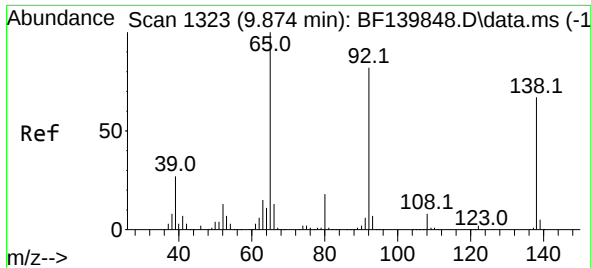
Tgt Ion:165 Resp: 118690
Ion Ratio Lower Upper
165 100
63 61.3 50.6 75.8
89 58.6 47.5 71.3



#52
Acenaphthene
Concen: 60.630 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:154 Resp: 502425
Ion Ratio Lower Upper
154 100
153 110.8 89.8 134.6
152 52.2 42.4 63.6

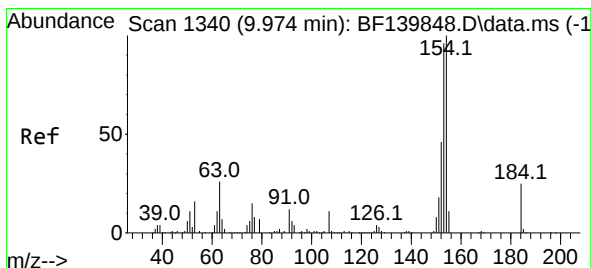
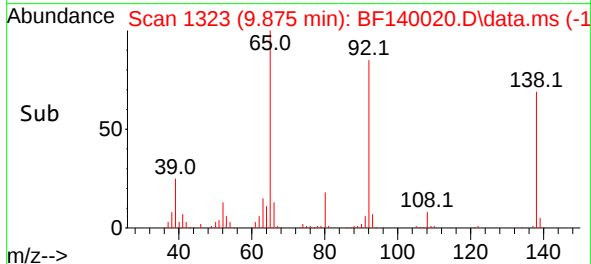
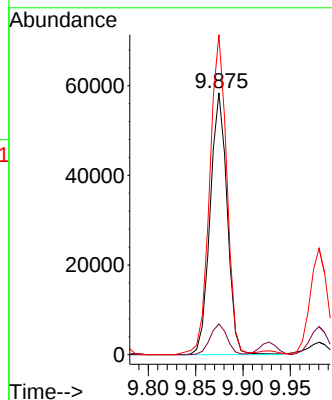
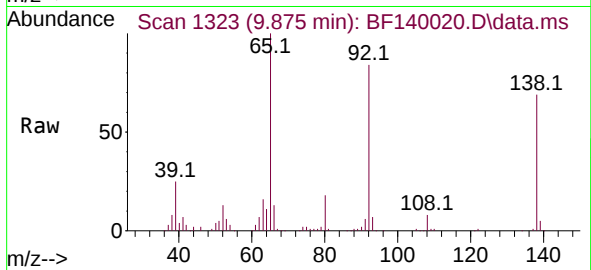




#53
3-Nitroaniline
Concen: 33.105 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

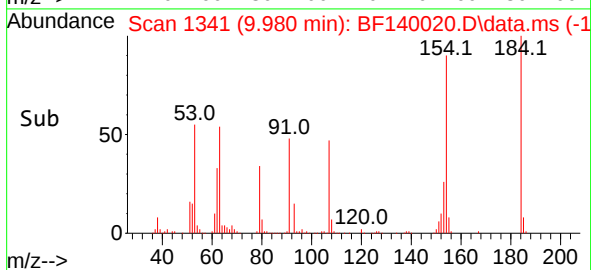
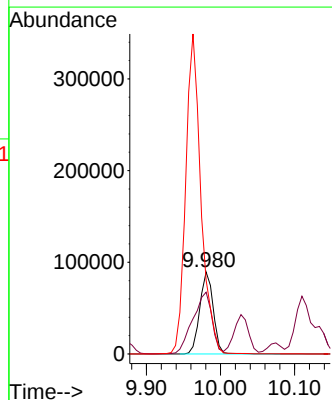
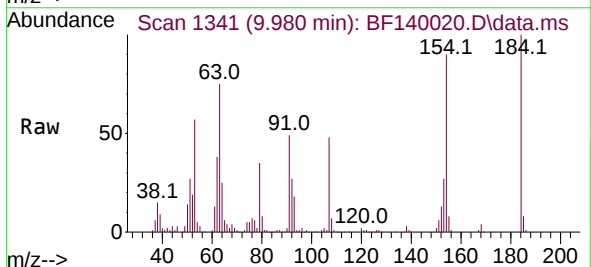
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

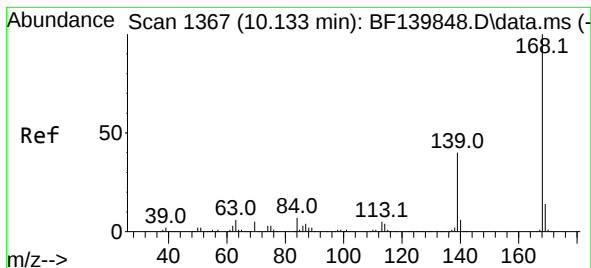
Tgt Ion:138 Resp: 72763
Ion Ratio Lower Upper
138 100
108 11.8 10.2 15.2
92 122.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 123.556 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:184 Resp: 112839
Ion Ratio Lower Upper
184 100
63 75.5 84.7 127.1#
154 90.1 338.2 507.2#





#55

Dibenzofuran

Concen: 54.316 ng

RT: 10.133 min Scan# 1367

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

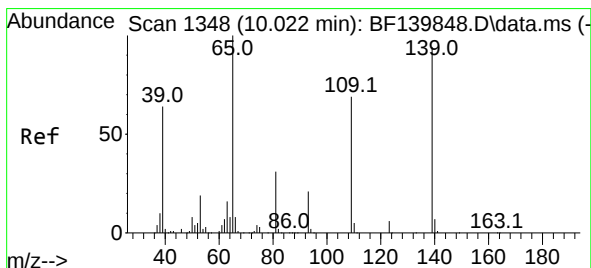
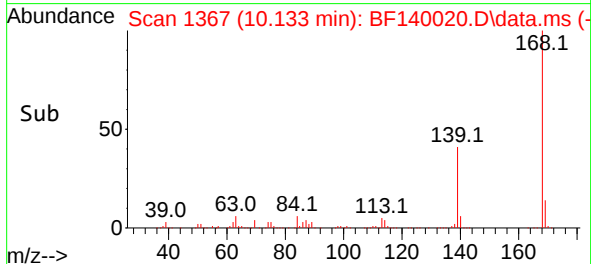
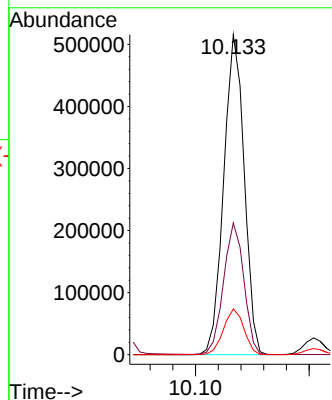
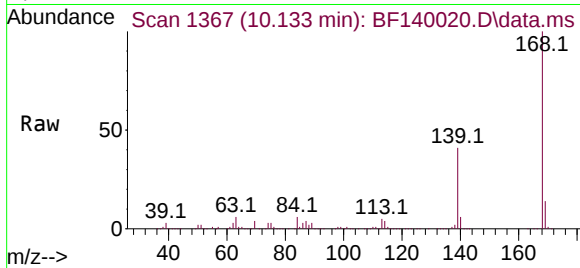
Tgt Ion:168 Resp: 645787

Ion Ratio Lower Upper

168 100

139 41.2 31.8 47.6

169 14.3 11.6 17.4



#56

4-Nitrophenol

Concen: 101.188 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

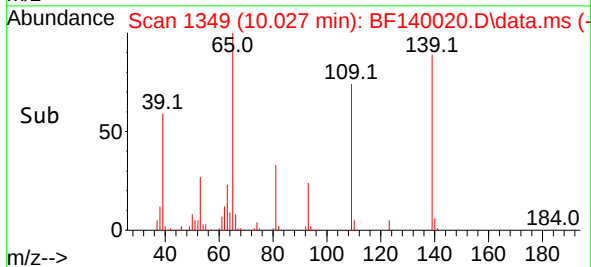
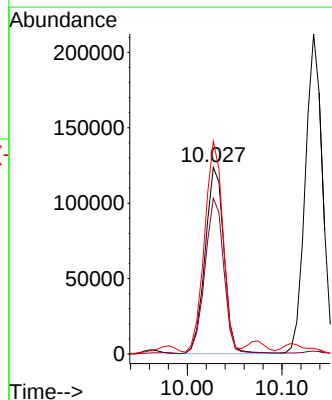
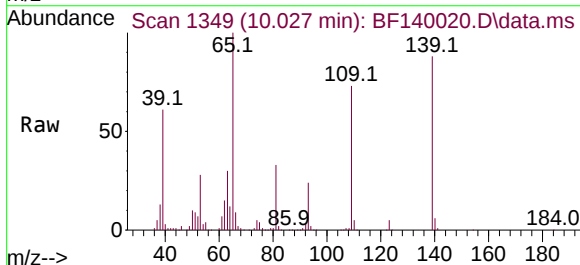
Tgt Ion:139 Resp: 171107

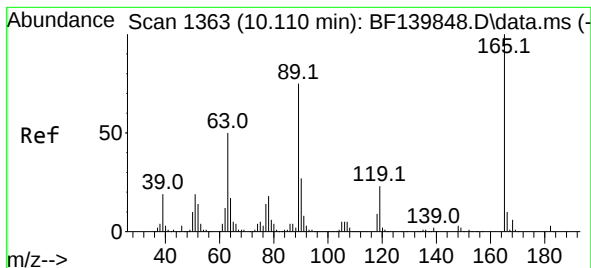
Ion Ratio Lower Upper

139 100

109 83.5 53.6 93.6

65 114.0 87.8 127.8

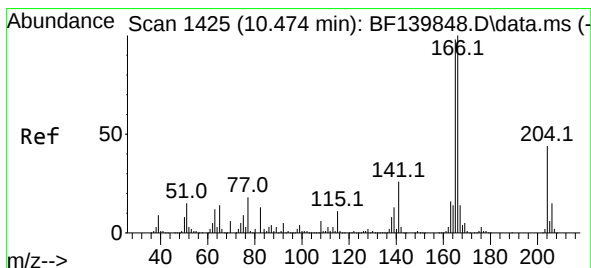
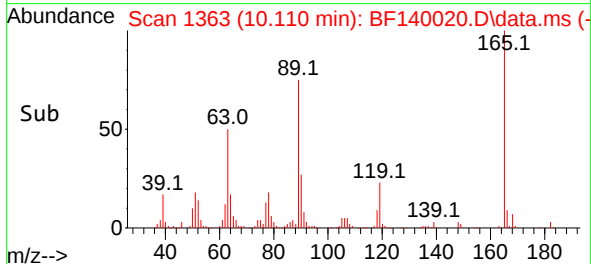
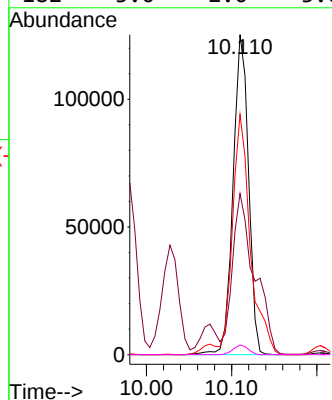
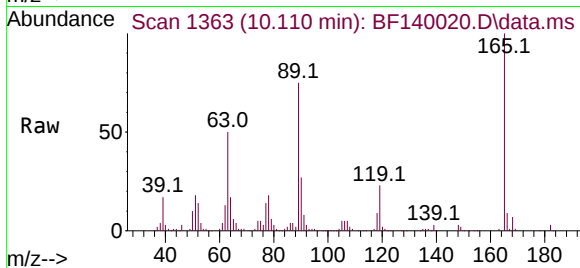




#57
2,4-Dinitrotoluene
Concen: 60.347 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

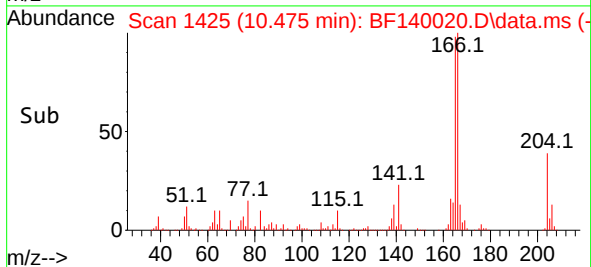
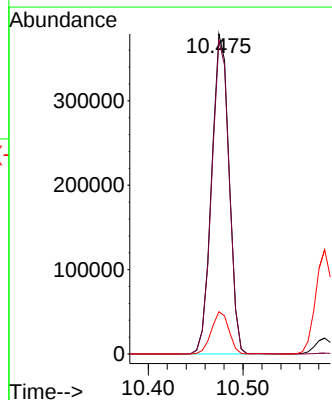
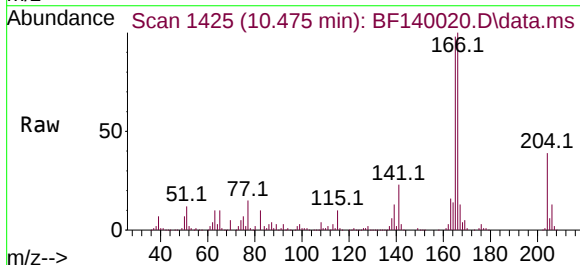
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

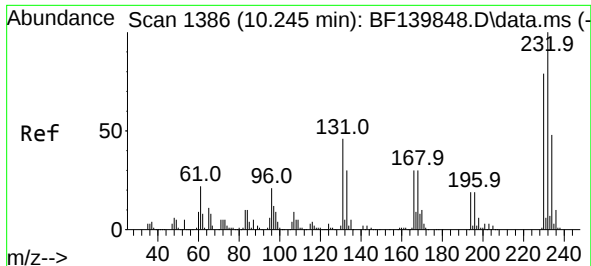
Tgt Ion:165 Resp: 158167
Ion Ratio Lower Upper
165 100
63 50.4 40.1 60.1
89 75.0 60.4 90.6
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 53.487 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:166 Resp: 484360
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.2 10.9 16.3

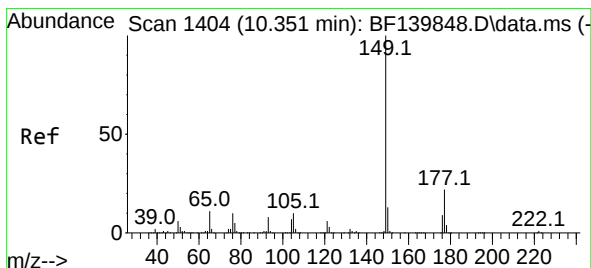
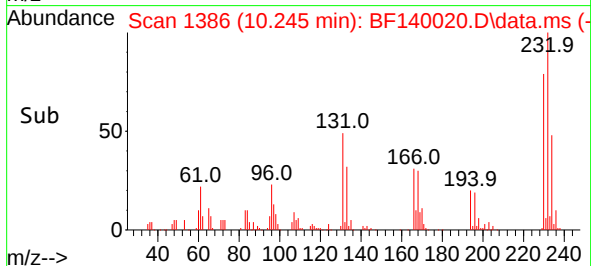
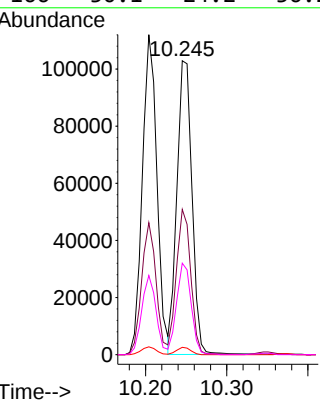
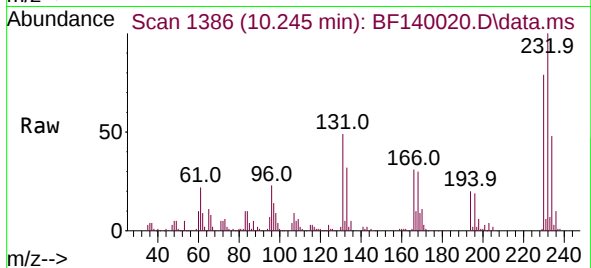




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.410 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

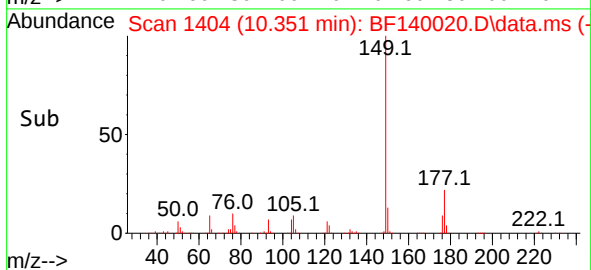
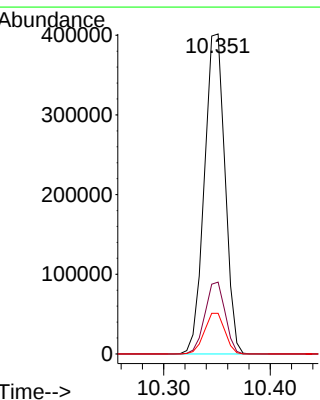
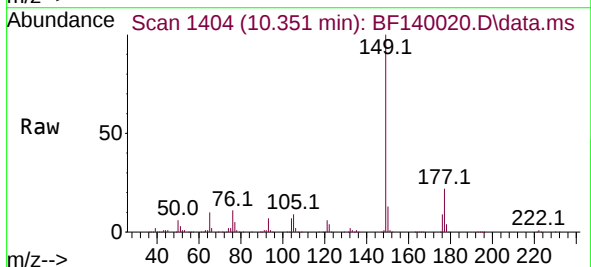
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

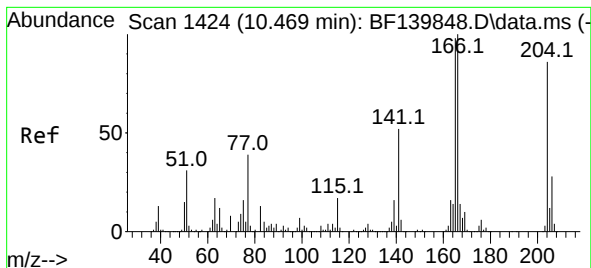
Tgt Ion:232 Resp: 132835
Ion Ratio Lower Upper
232 100
131 47.4 37.0 55.6
130 2.3 1.9 2.9
166 30.1 24.2 36.2



#60
Diethylphthalate
Concen: 55.648 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:149 Resp: 537841
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 10.1 15.1

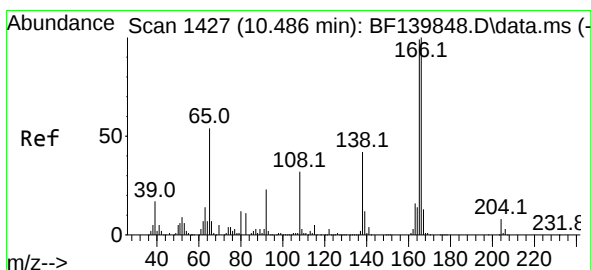
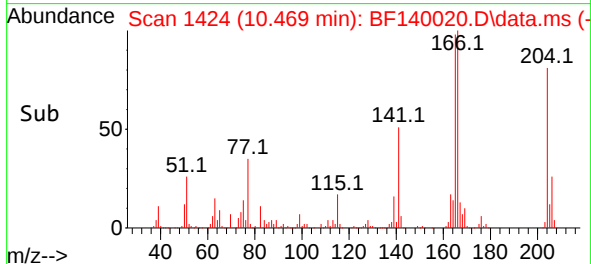
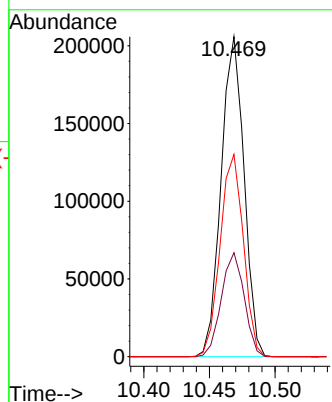
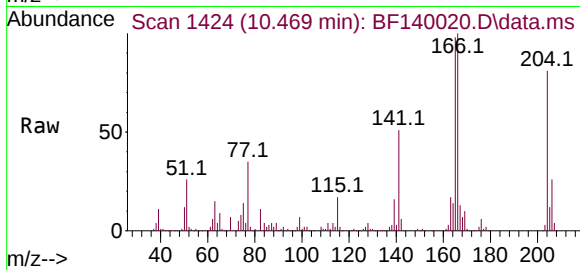




#61
4-Chlorophenyl-phenylether
Concen: 54.680 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

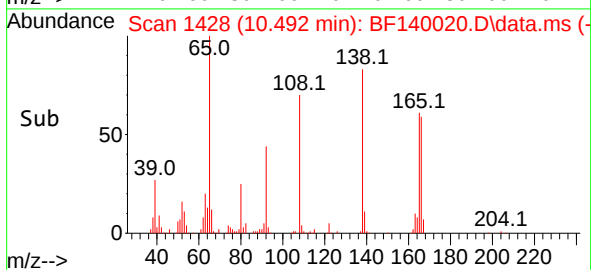
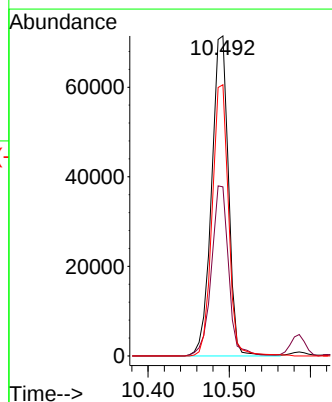
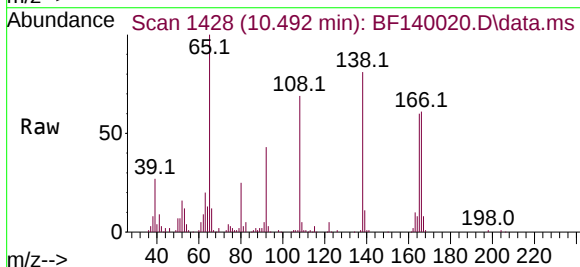
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

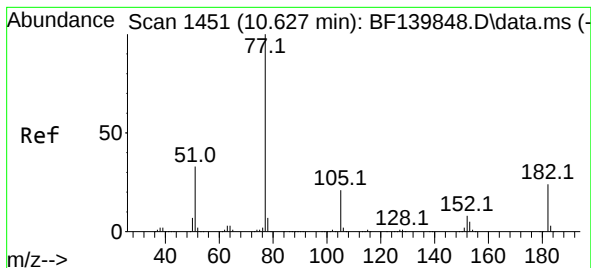
Tgt Ion:204 Resp: 250061
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 63.2 48.6 73.0



#62
4-Nitroaniline
Concen: 49.596 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:138 Resp: 102955
Ion Ratio Lower Upper
138 100
92 52.8 35.7 75.7
108 84.7 57.5 97.5





#63

Azobenzene

Concen: 58.131 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

Tgt Ion: 77 Resp: 595637

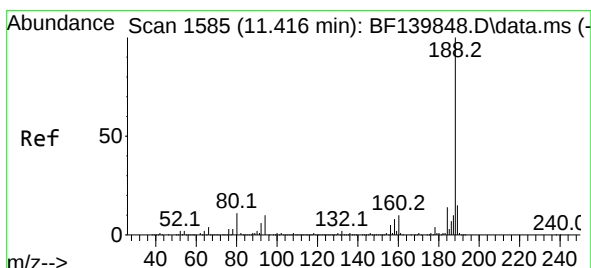
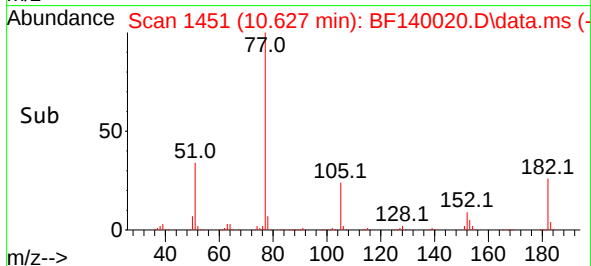
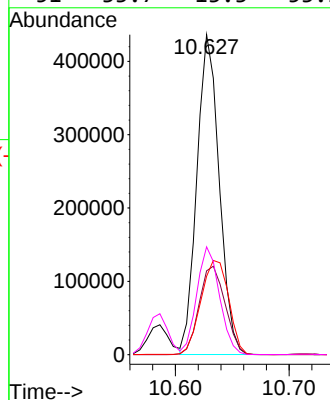
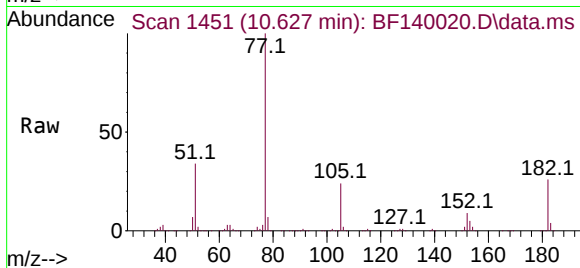
Ion Ratio Lower Upper

77 100

182 26.2 3.3 43.3

105 24.5 1.2 41.2

51 33.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

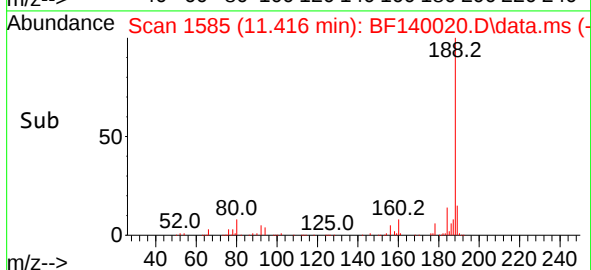
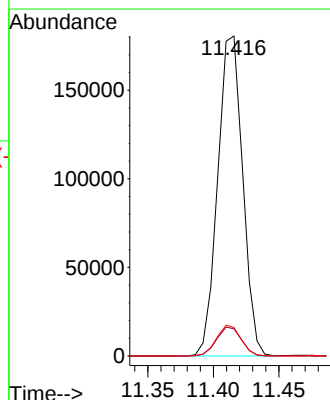
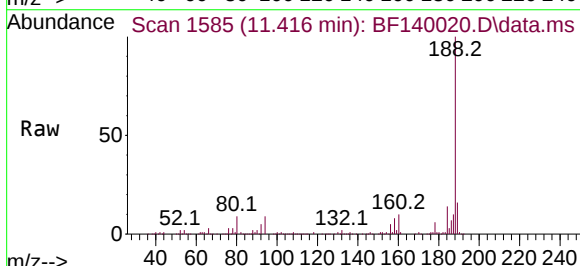
Tgt Ion:188 Resp: 239210

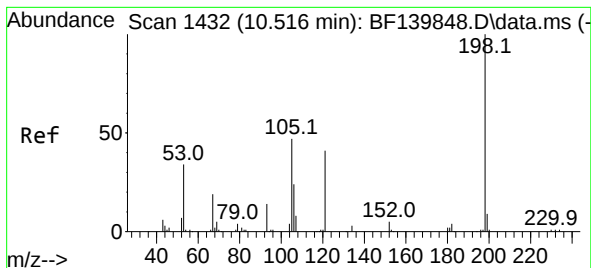
Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 8.9 9.0 13.4

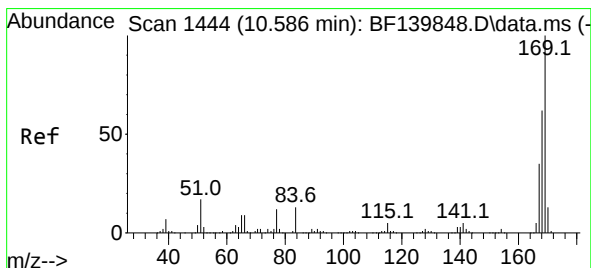
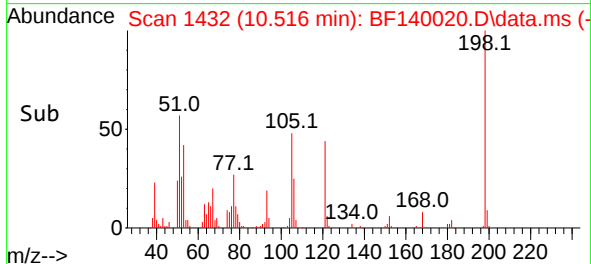
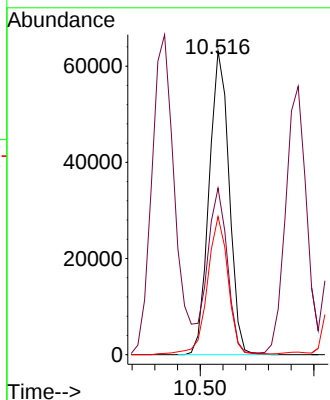
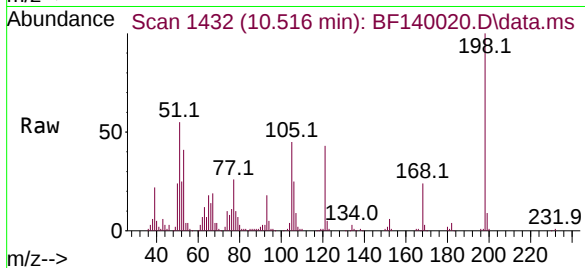




#65
4,6-Dinitro-2-methylphenol
Concen: 79.171 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

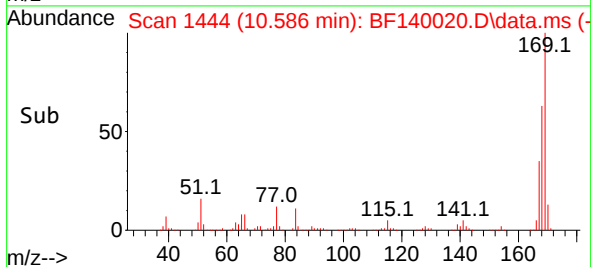
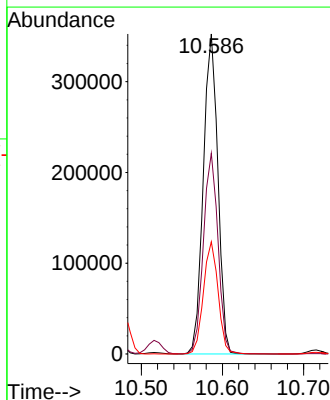
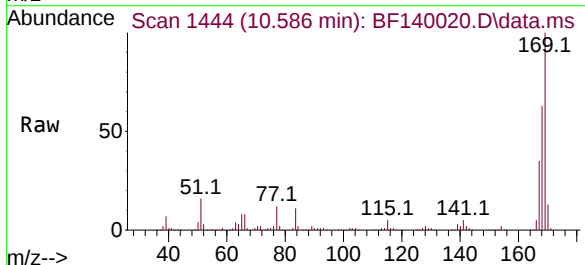
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

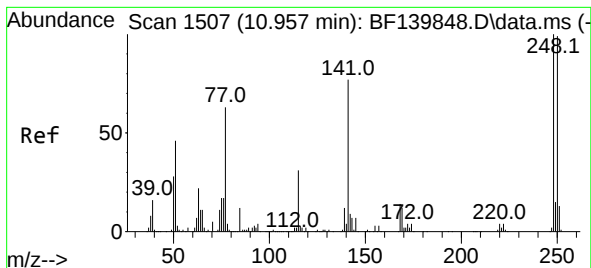
Tgt Ion:198 Resp: 77249
Ion Ratio Lower Upper
198 100
51 54.9 38.2 78.2
105 45.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 61.242 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:169 Resp: 438458
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 35.0 28.0 42.0

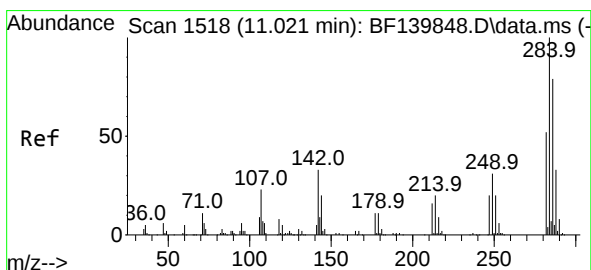
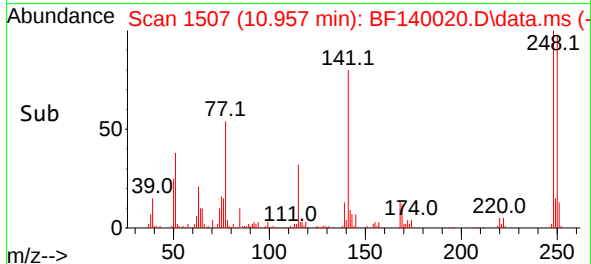
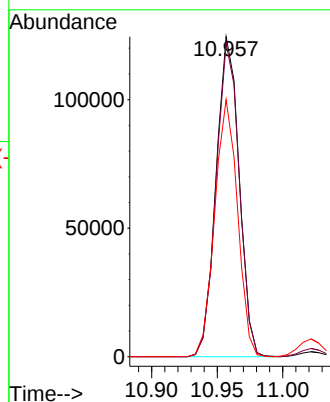
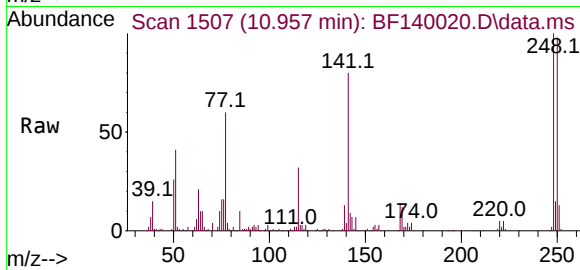




#67
4-Bromophenyl-phenylether
Concen: 61.723 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

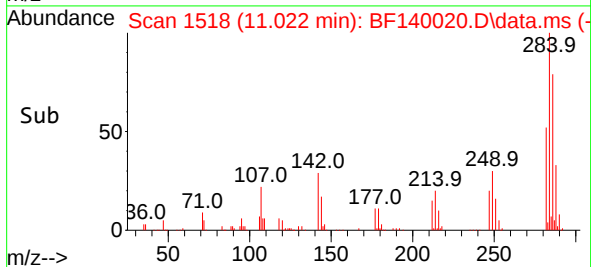
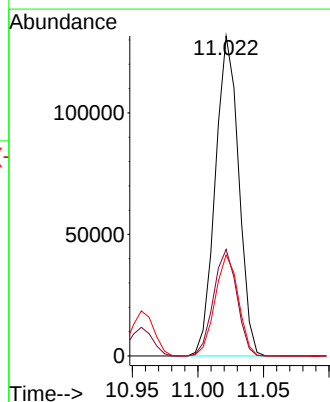
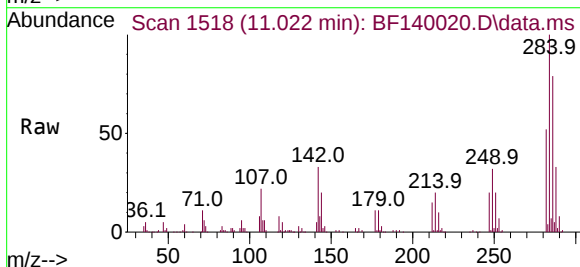
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

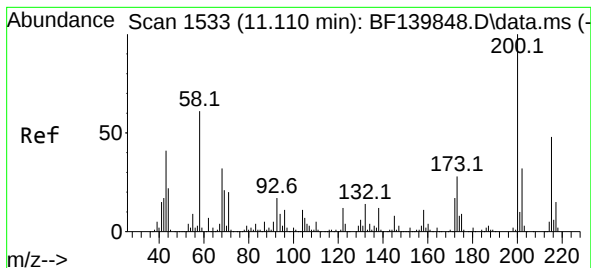
Tgt Ion:248 Resp: 152105
Ion Ratio Lower Upper
248 100
250 97.9 79.0 118.6
141 80.3 61.7 92.5



#68
Hexachlorobenzene
Concen: 58.821 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:284 Resp: 163024
Ion Ratio Lower Upper
284 100
142 33.3 26.9 40.3
249 31.6 25.3 37.9





#69

Atrazine

Concen: 72.144 ng

RT: 11.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

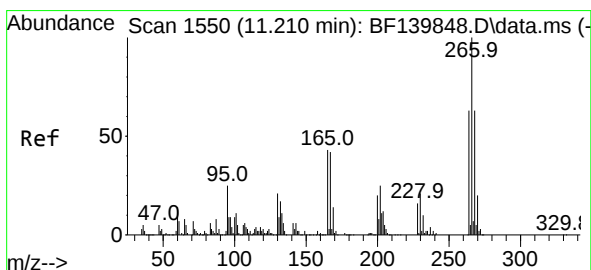
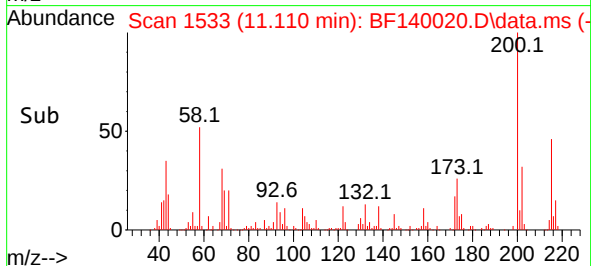
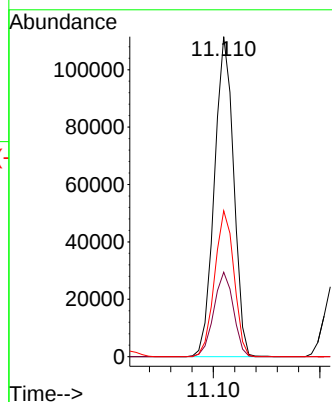
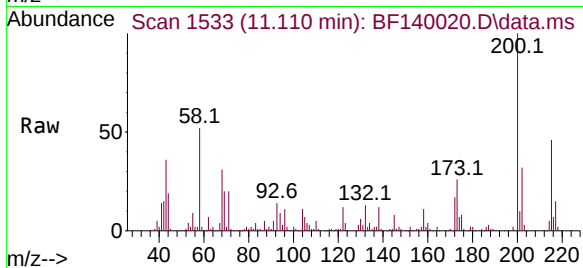
Tgt Ion:200 Resp: 139917

Ion Ratio Lower Upper

200 100

173 26.4 7.7 47.7

215 45.6 27.7 67.7



#70

Pentachlorophenol

Concen: 109.765 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

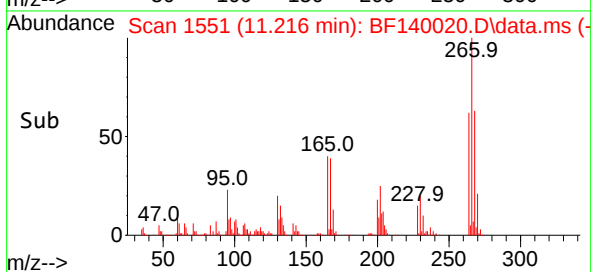
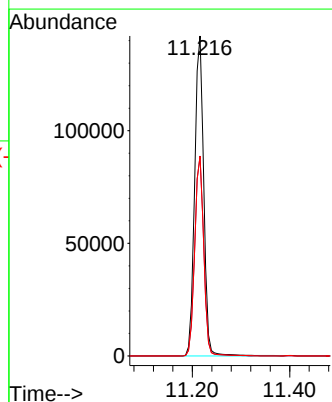
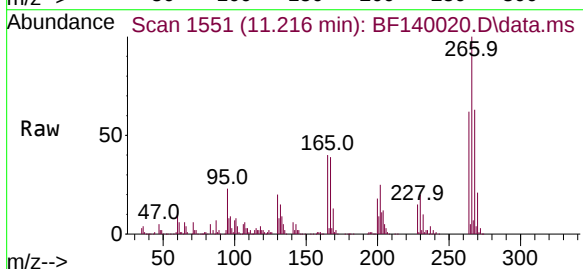
Tgt Ion:266 Resp: 184631

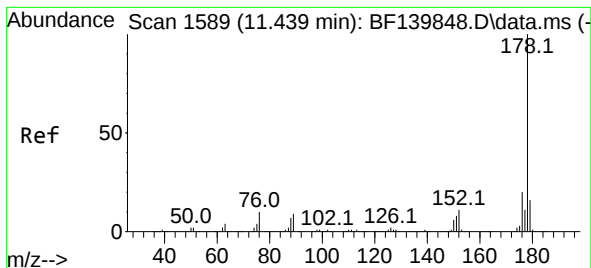
Ion Ratio Lower Upper

266 100

268 62.5 50.4 75.6

264 62.4 50.6 75.8





#71

Phenanthrene

Concen: 56.259 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

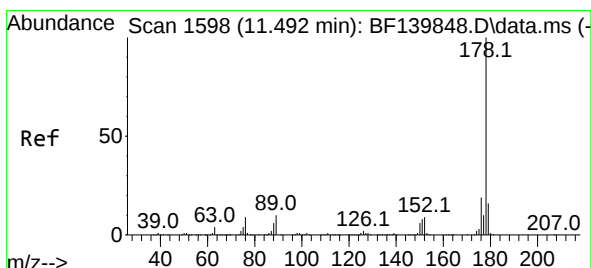
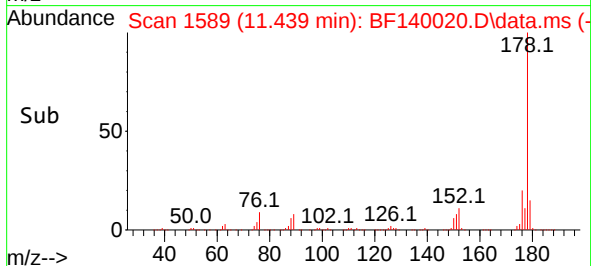
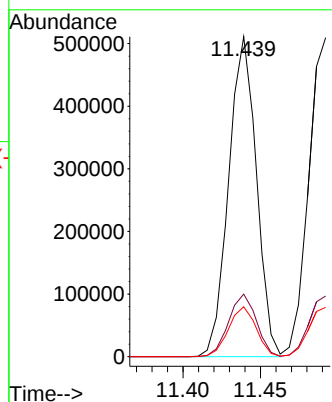
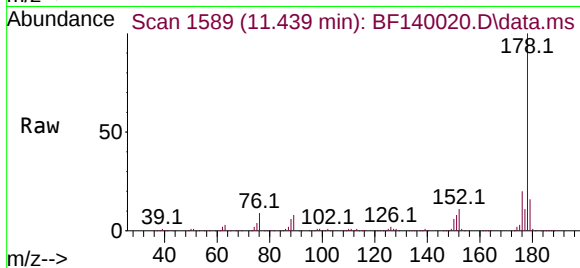
Tgt Ion:178 Resp: 635689

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 58.199 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

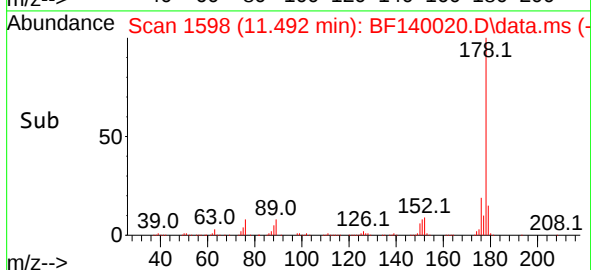
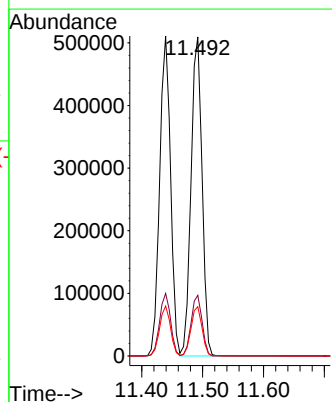
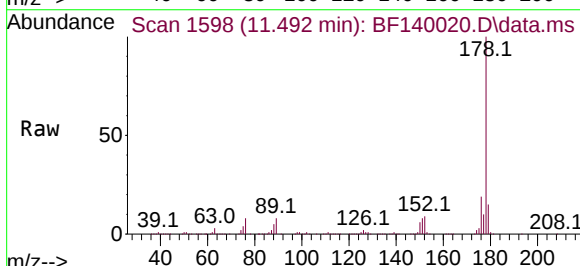
Tgt Ion:178 Resp: 641611

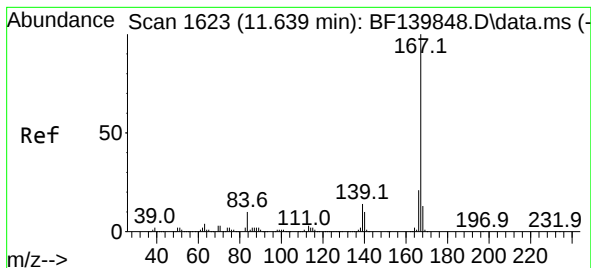
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 15.4 12.4 18.6





#73

Carbazole

Concen: 51.459 ng

RT: 11.639 min Scan# 1623

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

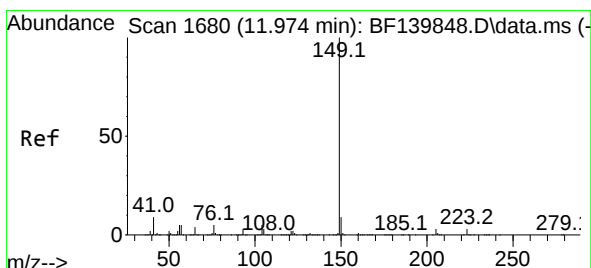
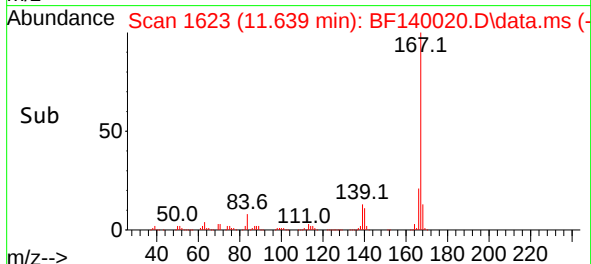
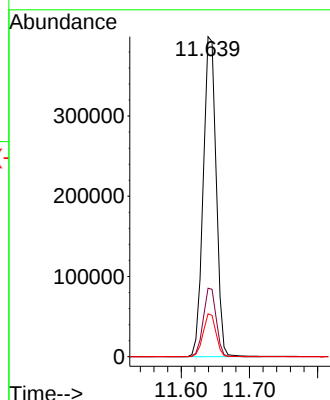
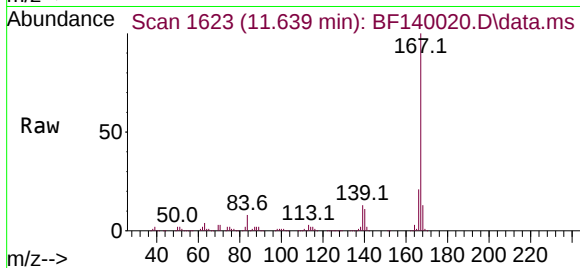
Tgt Ion:167 Resp: 527613

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 60.083 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

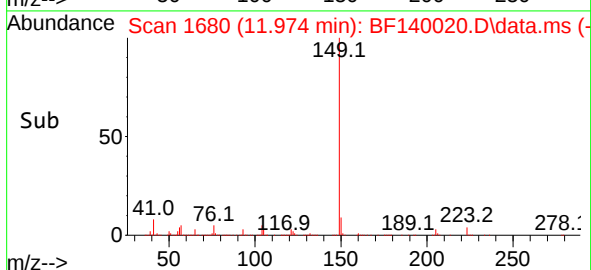
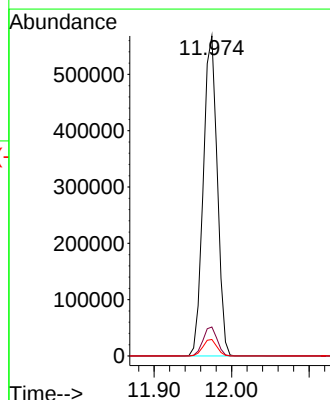
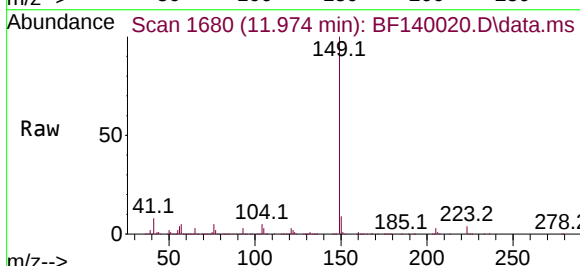
Tgt Ion:149 Resp: 711730

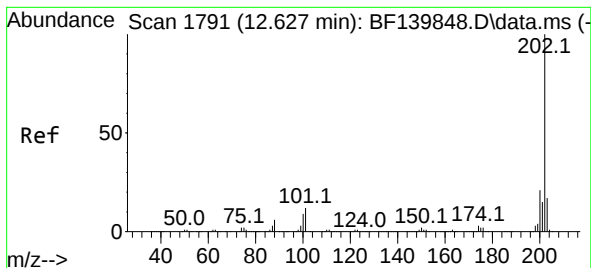
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 47.358 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

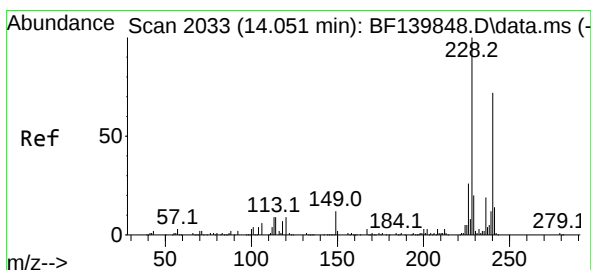
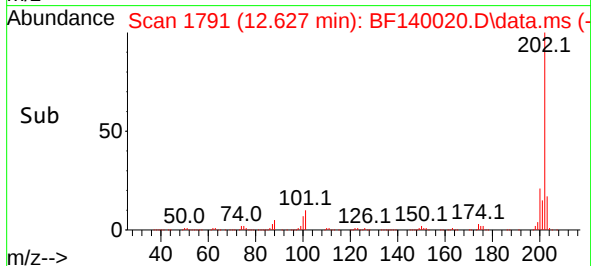
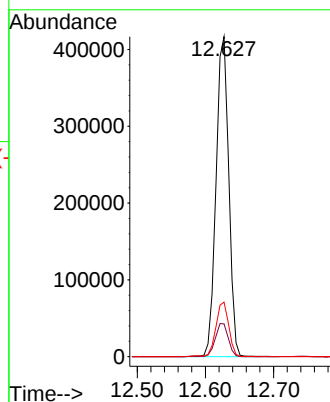
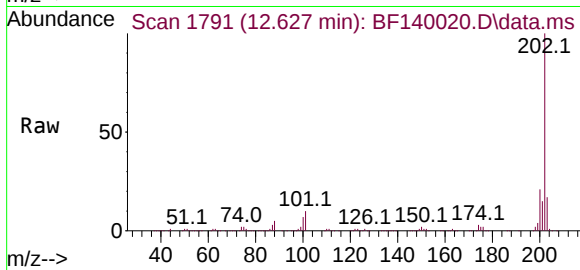
Tgt Ion:202 Resp: 540952

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.9

203 17.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

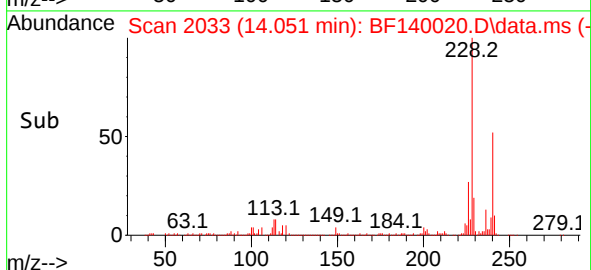
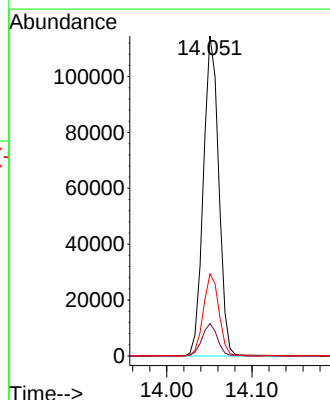
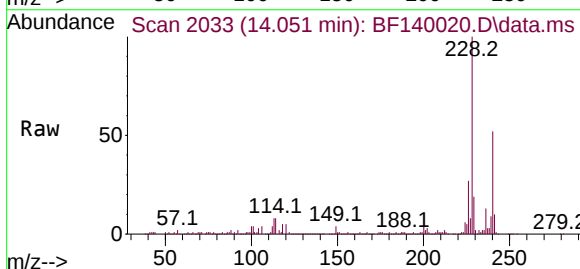
Tgt Ion:240 Resp: 143604

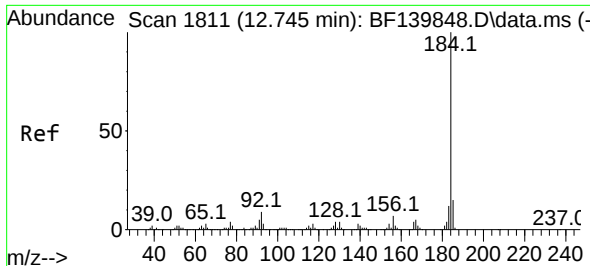
Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 25.6 20.9 31.3

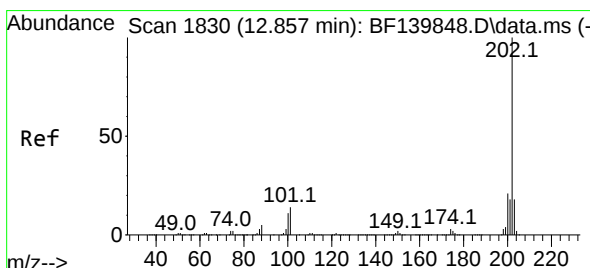
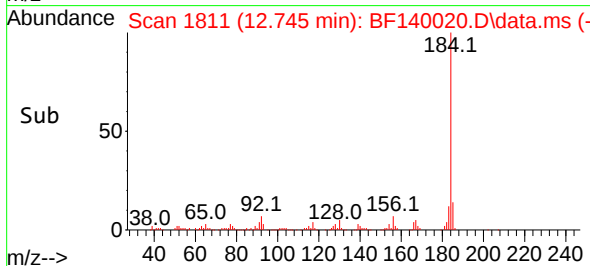
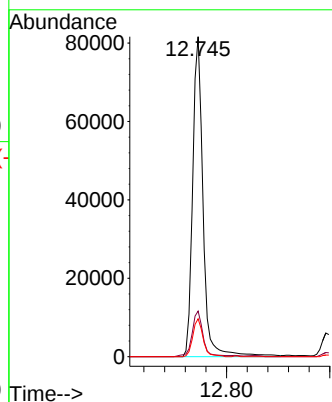
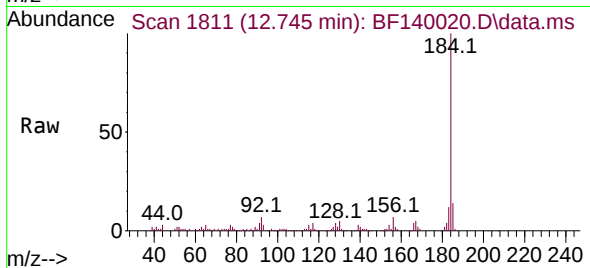




#77
Benzidine
Concen: 48.347 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

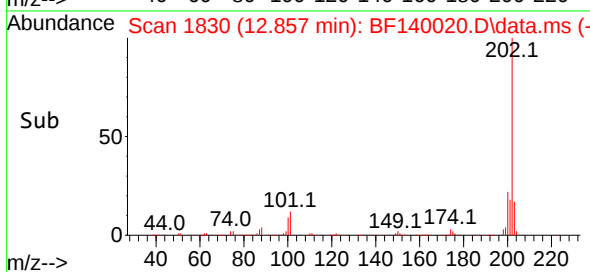
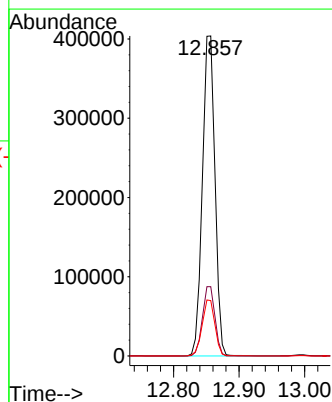
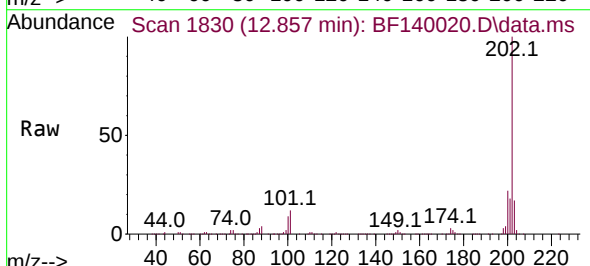
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

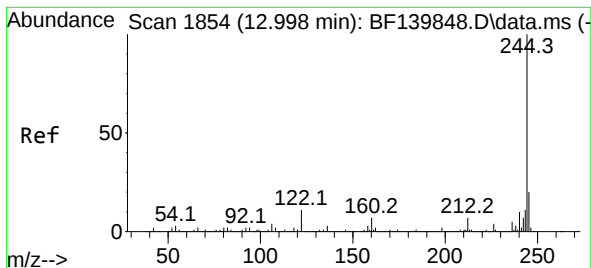
Tgt Ion:184 Resp: 114163
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.8 9.4 14.2



#78
Pyrene
Concen: 43.013 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:202 Resp: 540672
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 59.790 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

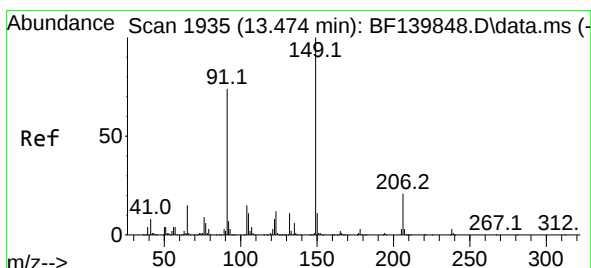
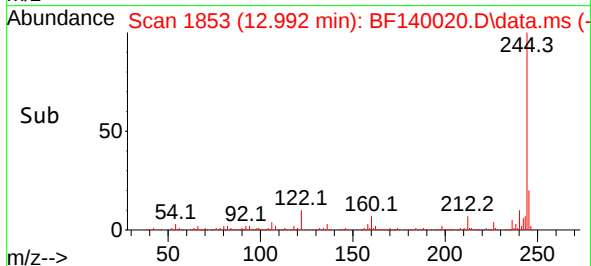
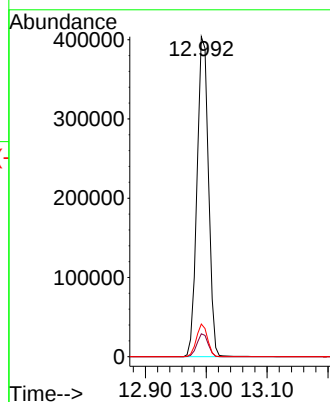
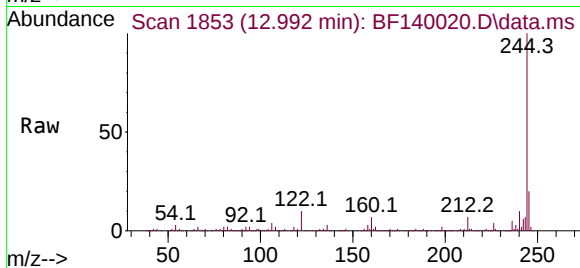
Tgt Ion:244 Resp: 526925

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.2 8.6 13.0



#80

Butylbenzylphthalate

Concen: 58.870 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

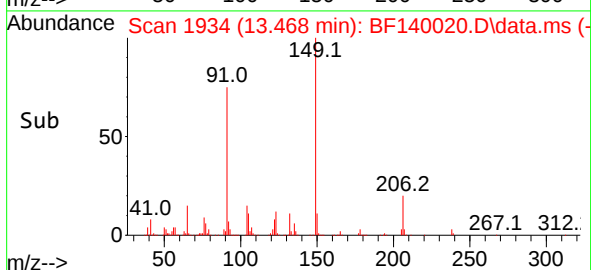
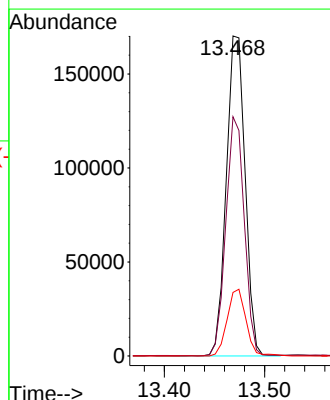
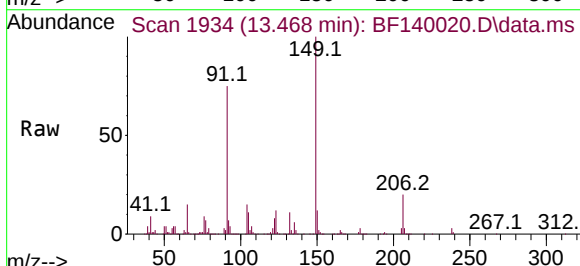
Tgt Ion:149 Resp: 221854

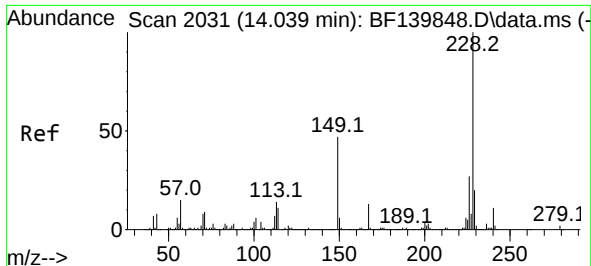
Ion Ratio Lower Upper

149 100

91 74.8 59.4 89.2

206 19.9 16.4 24.6

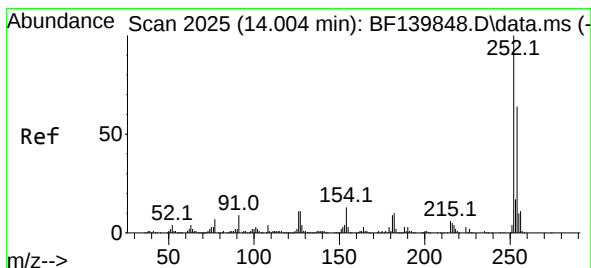
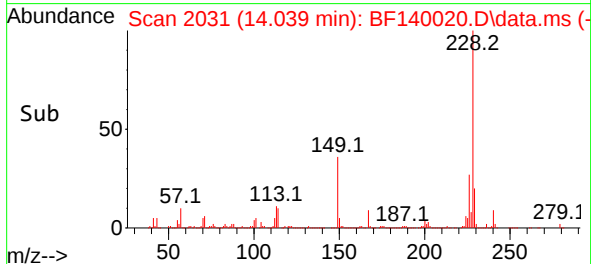
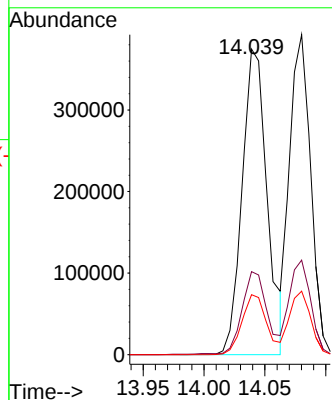
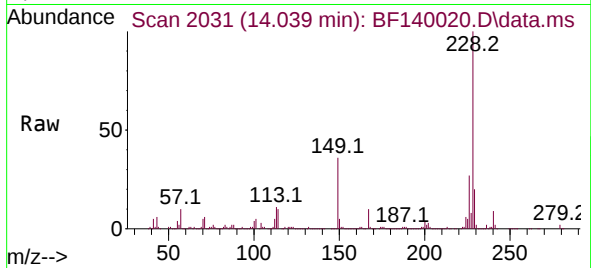




#81
Benzo(a)anthracene
Concen: 57.287 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

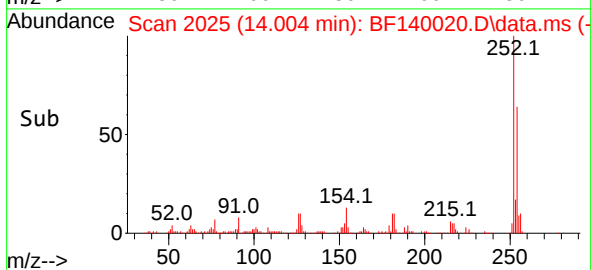
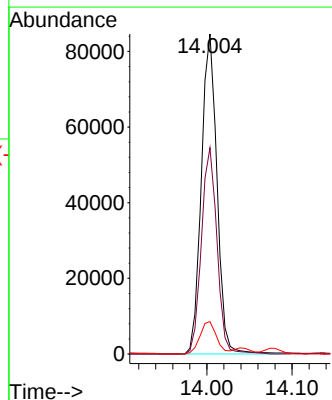
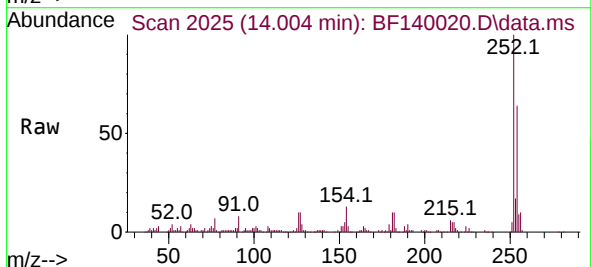
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

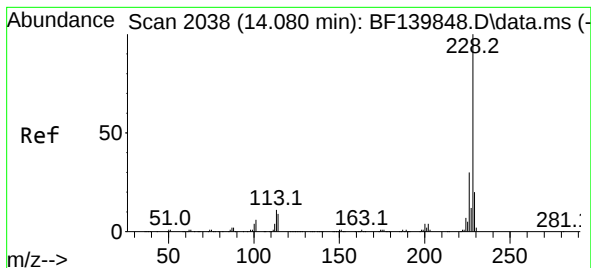
Tgt Ion:228 Resp: 535529
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 19.7 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.659 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:252 Resp: 108094
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 10.1 8.9 13.3





#83

Chrysene

Concen: 55.369 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

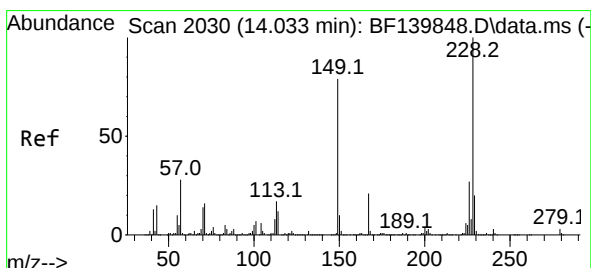
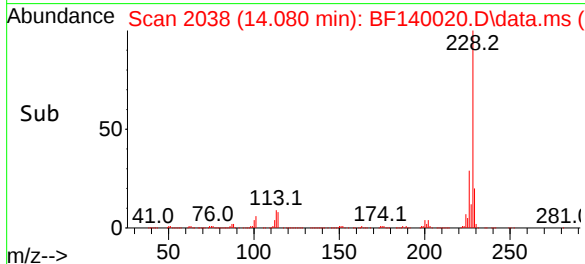
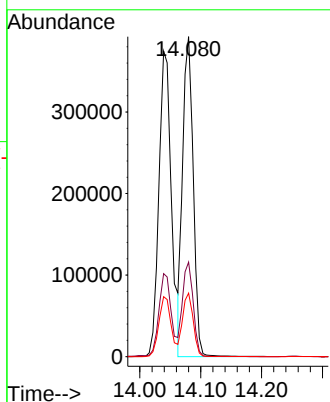
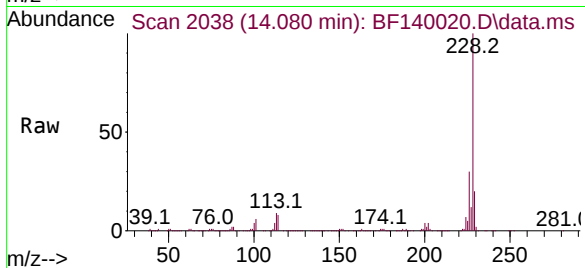
Tgt Ion:228 Resp: 474576

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.636 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

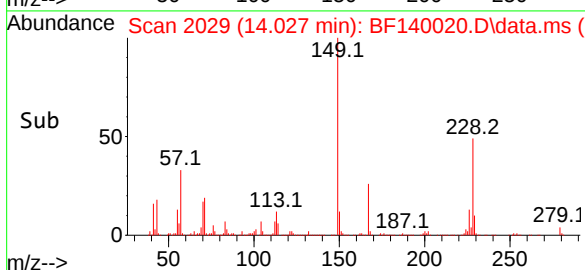
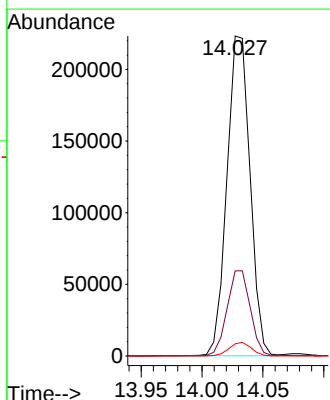
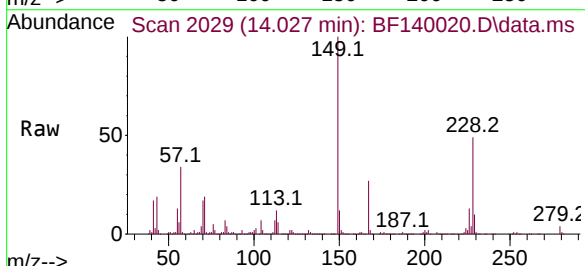
Tgt Ion:149 Resp: 294429

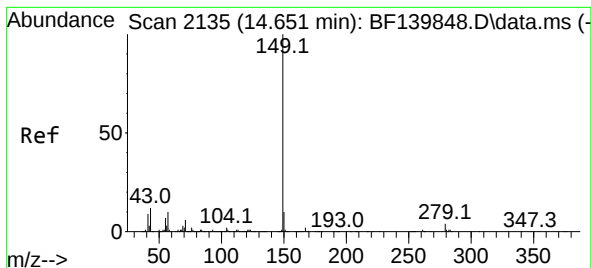
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.0

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 71.950 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

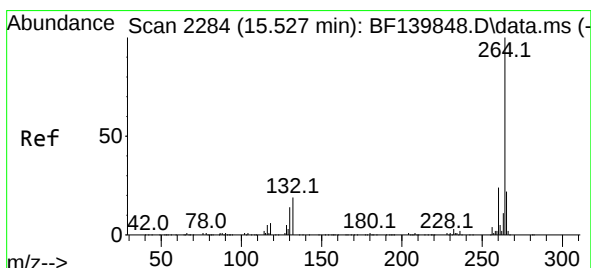
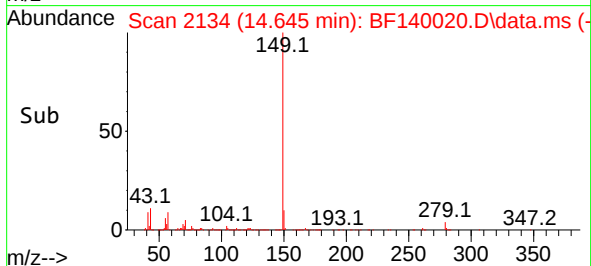
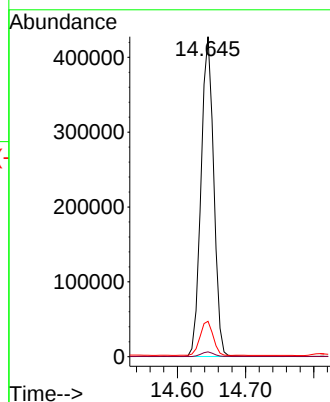
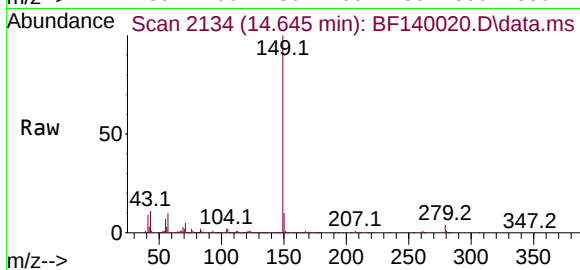
Tgt Ion:149 Resp: 553331

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.9 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

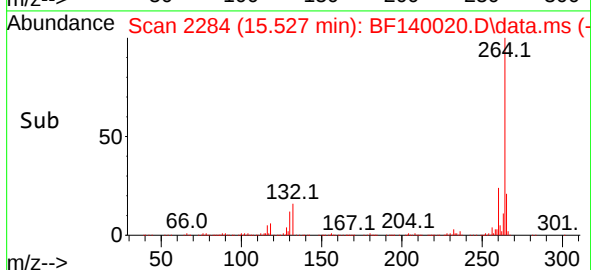
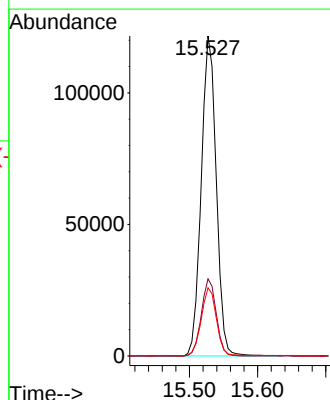
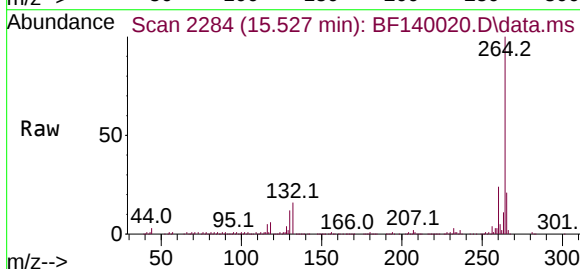
Tgt Ion:264 Resp: 185741

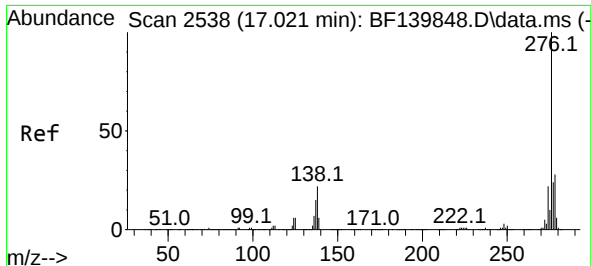
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.3 17.4 26.0

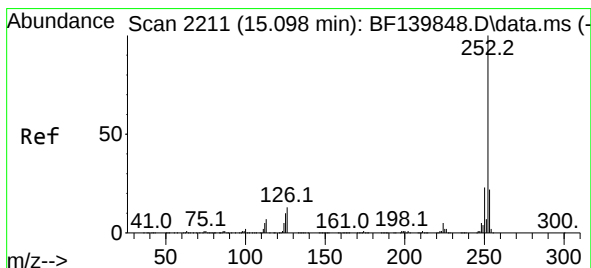
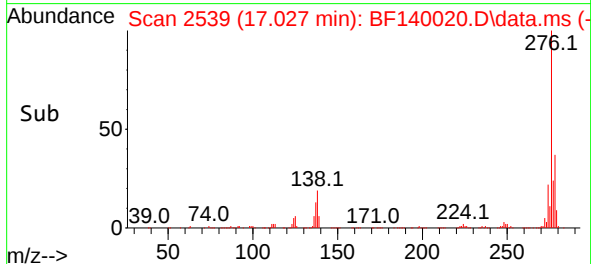
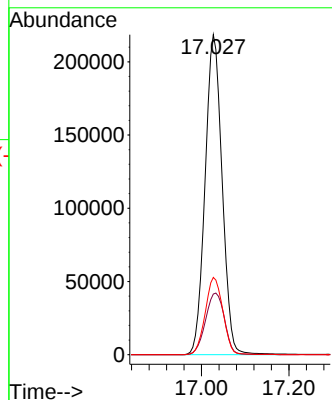
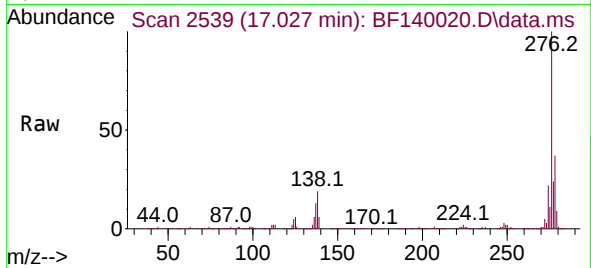




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.558 ng
RT: 17.027 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

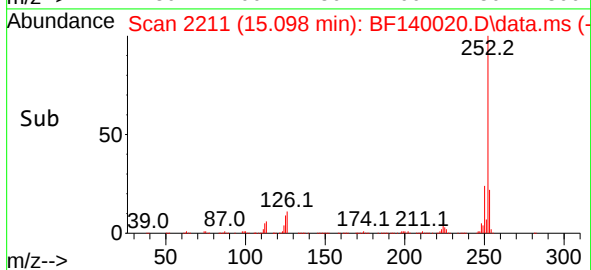
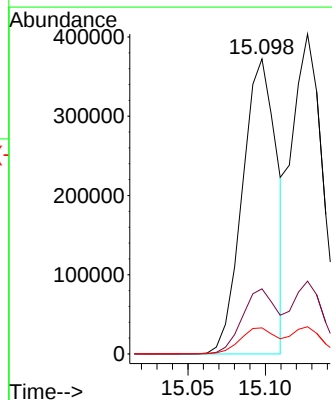
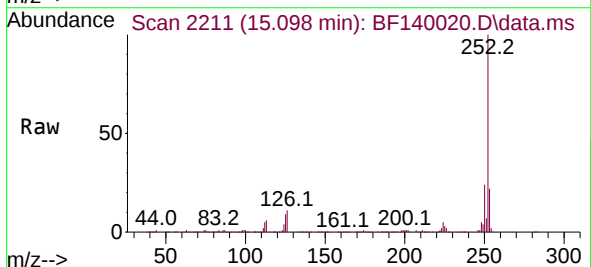
Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

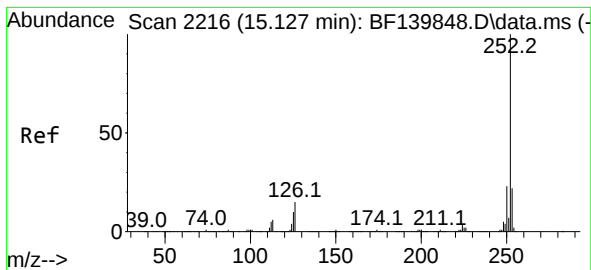
Tgt Ion:276 Resp: 592179
Ion Ratio Lower Upper
276 100
138 21.5 20.4 30.6
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 50.617 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:252 Resp: 572713
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 8.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 56.943 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

Instrument :

BNA_F

ClientSampleId :

BP-F27MSD

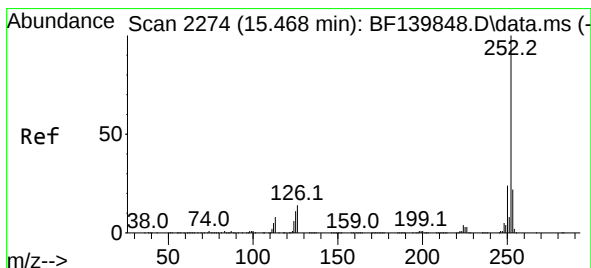
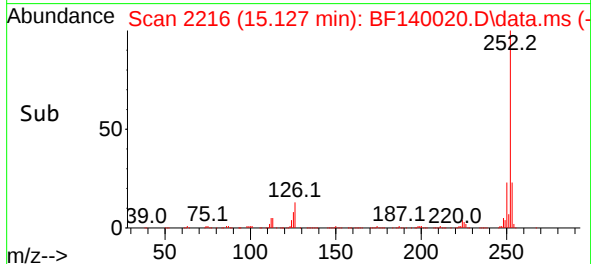
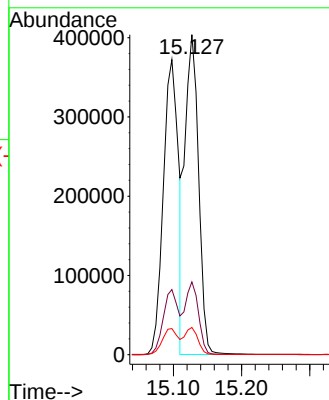
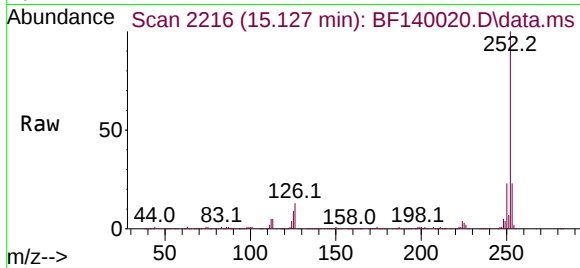
Tgt Ion:252 Resp: 555644

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 8.5 7.9 11.9



#90

Benzo(a)pyrene

Concen: 59.232 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140020.D

Acq: 25 Oct 2024 00:22

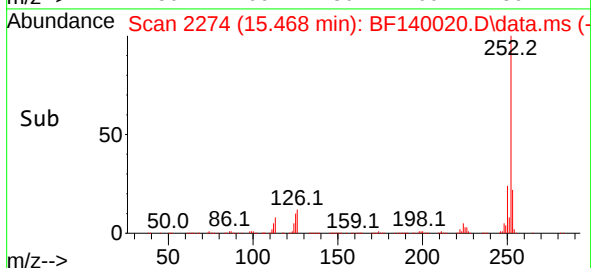
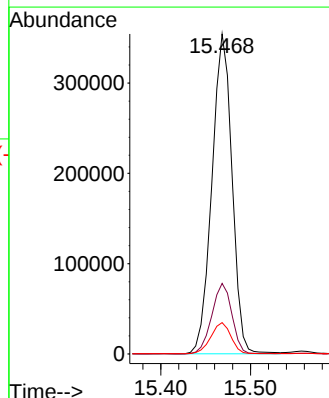
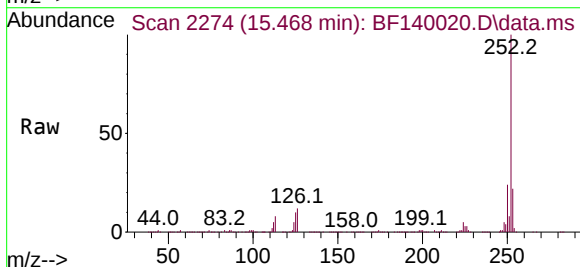
Tgt Ion:252 Resp: 551447

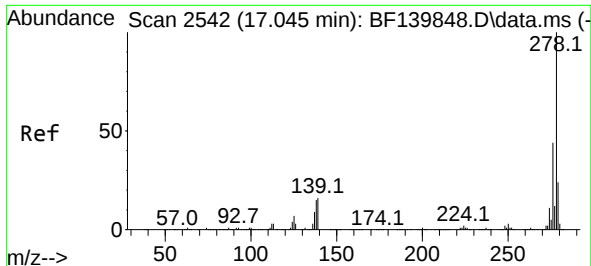
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 9.8 8.7 13.1

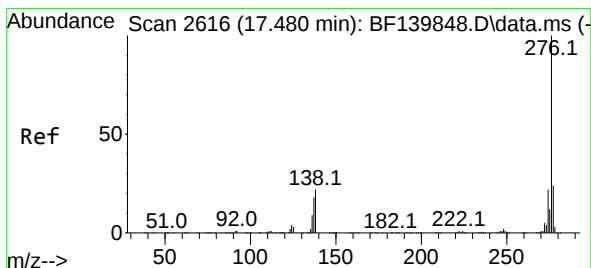
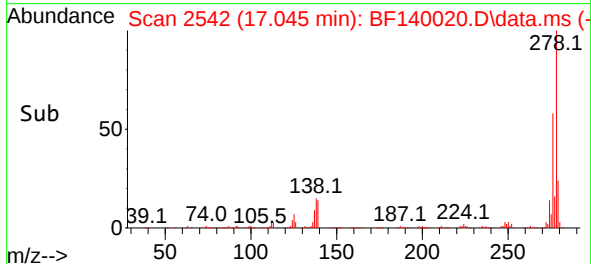
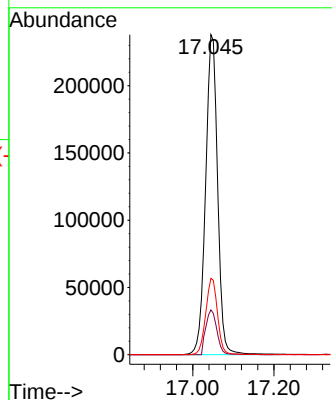
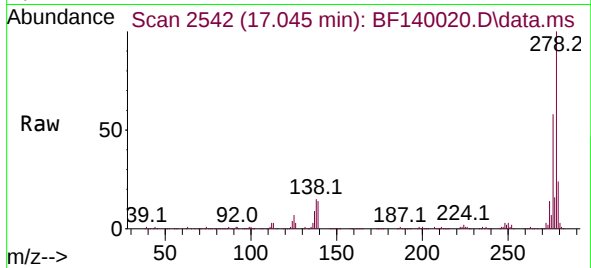




#91
Dibenzo(a,h)anthracene
Concen: 48.904 ng
RT: 17.045 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Instrument :
BNA_F
ClientSampleId :
BP-F27MSD

Tgt Ion:278 Resp: 487494
Ion Ratio Lower Upper
278 100
139 14.0 13.1 19.7
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 41.283 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF140020.D
Acq: 25 Oct 2024 00:22

Tgt Ion:276 Resp: 411059
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 18.3 17.4 26.0

