

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140040.D
 Acq On : 25 Oct 2024 16:29
 Operator : RC/JU
 Sample : P4487-04MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B5MSD

Quant Time: Oct 25 16:56:57 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	96720	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	384393	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	222223	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	406780	20.000	ng	0.00
76) Chrysene-d12	14.057	240	215360	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	226810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	844885	136.751	ng	0.02
7) Phenol-d6	6.516	99	1012218	126.498	ng	0.00
23) Nitrobenzene-d5	7.451	82	755768	108.970	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	371426	178.690	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1381765	102.763	ng	0.00
79) Terphenyl-d14	12.998	244	1530355	115.791	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.869	88	119155	41.365	ng	# 81
3) Pyridine	3.575	79	227256	31.828	ng	97
4) n-Nitrosodimethylamine	3.510	42	179566	46.808	ng	98
6) Aniline	6.551	93	201019	26.955	ng	100
8) 2-Chlorophenol	6.675	128	337340	53.410	ng	97
9) Benzaldehyde	6.439	77	24738	5.496	ng	98
10) Phenol	6.528	94	388801	47.130	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	320996	50.342	ng	98
12) 1,3-Dichlorobenzene	6.834	146	354241	48.859	ng	99
13) 1,4-Dichlorobenzene	6.910	146	360410	49.756	ng	99
14) 1,2-Dichlorobenzene	7.057	146	344338	50.935	ng	99
15) Benzyl Alcohol	7.028	79	324071	55.211	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	508734	46.791	ng	96
17) 2-Methylphenol	7.139	107	281085	52.191	ng	99
18) Hexachloroethane	7.404	117	129611	50.178	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	251632	51.850	ng	96
20) 3+4-Methylphenols	7.292	107	348740	50.625	ng	# 77
22) Acetophenone	7.298	105	473666	50.309	ng	98
24) Nitrobenzene	7.469	77	381506	50.171	ng	98
25) Isophorone	7.710	82	695715	52.851	ng	100
26) 2-Nitrophenol	7.786	139	176626	61.571	ng	98
27) 2,4-Dimethylphenol	7.816	122	288592	60.332	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	405964	50.902	ng	100
29) 2,4-Dichlorophenol	8.022	162	291527	53.507	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	299819	49.732	ng	99
31) Naphthalene	8.192	128	992422	50.060	ng	100
32) Benzoic acid	7.933	122	212284	50.883	ng	99
33) 4-Chloroaniline	8.233	127	49759	7.361	ng	98
34) Hexachlorobutadiene	8.310	225	194908	51.455	ng	98
35) Caprolactam	8.604	113	58506	33.772	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	336956	55.853	ng	99
37) 2-Methylnaphthalene	8.886	142	639184	52.645	ng	99
38) 1-Methylnaphthalene	8.980	142	603480	50.661	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	306281	51.087	ng	99
41) Hexachlorocyclopentadiene	9.039	237	398120	190.849	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	233222	54.946	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	240582	54.937	ng	100
46) 1,1'-Biphenyl	9.351	154	800113	51.720	ng	99
47) 2-Chloronaphthalene	9.375	162	635870	51.034	ng	99
48) 2-Nitroaniline	9.469	65	225907	59.282	ng	94
49) Acenaphthylene	9.792	152	1011768	56.169	ng	99
50) Dimethylphthalate	9.651	163	781973	56.494	ng	100
51) 2,6-Dinitrotoluene	9.710	165	171035	57.068	ng	99
52) Acenaphthene	9.963	154	716997	61.531	ng	99
53) 3-Nitroaniline	9.875	138	58200	18.831	ng	96
54) 2,4-Dinitrophenol	9.986	184	198988	153.291	ng	# 1
55) Dibenzofuran	10.133	168	897970	53.711	ng	99
56) 4-Nitrophenol	10.033	139	260041	109.361	ng	96
57) 2,4-Dinitrotoluene	10.116	165	239520	64.989	ng	98
58) Fluorene	10.480	166	692718	54.400	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	205122	59.750	ng	99
60) Diethylphthalate	10.351	149	758046	55.777	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	351581	54.673	ng	100
62) 4-Nitroaniline	10.492	138	160537	54.997	ng	96
63) Azobenzene	10.627	77	758666	52.655	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	135409	81.609	ng	93
66) n-Nitrosodiphenylamine	10.586	169	627851	51.570	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	229965	54.876	ng	99
68) Hexachlorobenzene	11.027	284	255635	54.240	ng	96
69) Atrazine	11.110	200	139509	42.301	ng	99
70) Pentachlorophenol	11.216	266	324003	113.273	ng	99
71) Phenanthrene	11.439	178	1036190	53.927	ng	100
72) Anthracene	11.492	178	1053485	56.194	ng	100
73) Carbazole	11.645	167	895296	51.349	ng	99
74) Di-n-butylphthalate	11.974	149	1186740	58.913	ng	100
75) Fluoranthene	12.627	202	1036682	53.370	ng	99
77) Benzidine	12.745	184	59750	16.873	ng	99
78) Pyrene	12.857	202	1036157	54.965	ng	100
80) Butylbenzylphthalate	13.474	149	396566	70.169	ng	98
81) Benzo(a)anthracene	14.045	228	792552	56.533	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	96132	23.518	ng	95
83) Chrysene	14.080	228	707693	55.056	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	506808	79.928	ng	# 99
85) Di-n-octyl phthalate	14.645	149	786434	68.189	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	820439	56.228	ng	97
88) Benzo(b)fluoranthene	15.098	252	716626	51.868	ng	99
89) Benzo(k)fluoranthene	15.127	252	732276	61.456	ng	99
90) Benzo(a)pyrene	15.468	252	695400	61.169	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	681083	55.953	ng	98
92) Benzo(g,h,i)perylene	17.486	276	588522	48.404	ng	98

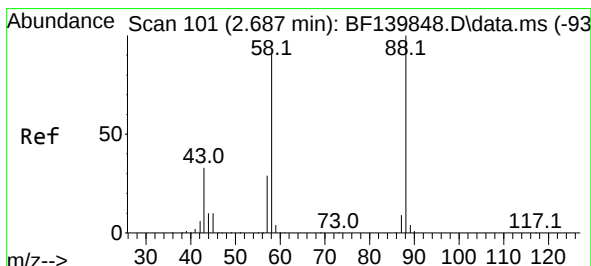
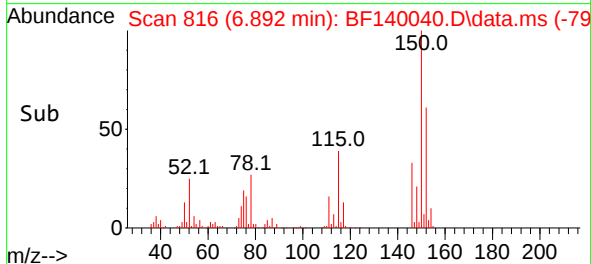
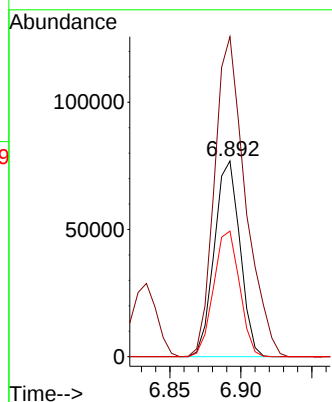
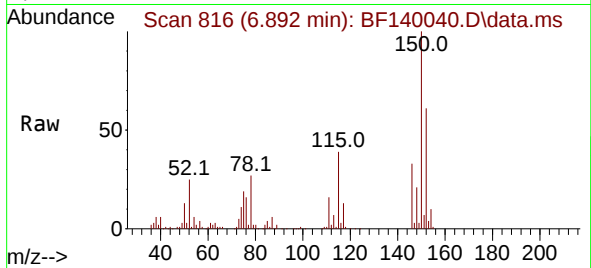
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140040.D
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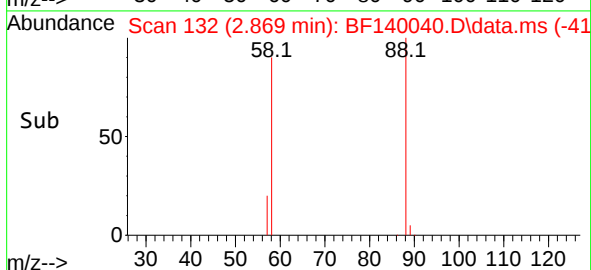
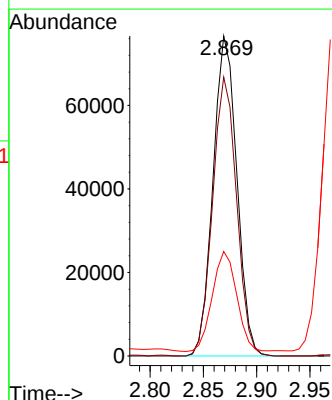
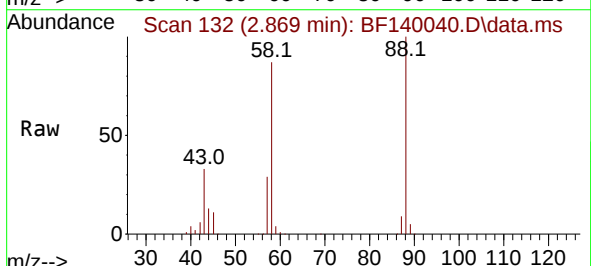
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:152 Resp: 96720
Ion Ratio Lower Upper
152 100
150 163.5 130.2 195.2
115 64.2 51.4 77.2



#2
1,4-Dioxane
Concen: 41.365 ng
RT: 2.869 min Scan# 132
Delta R.T. 0.182 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion: 88 Resp: 119155
Ion Ratio Lower Upper
88 100
58 87.7 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 31.828 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.129 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

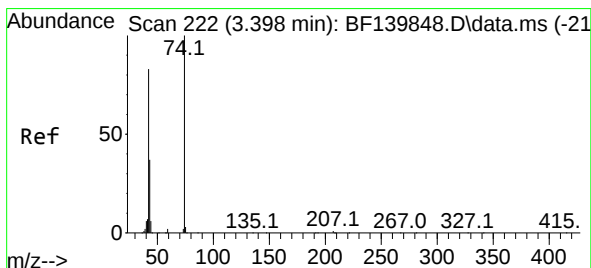
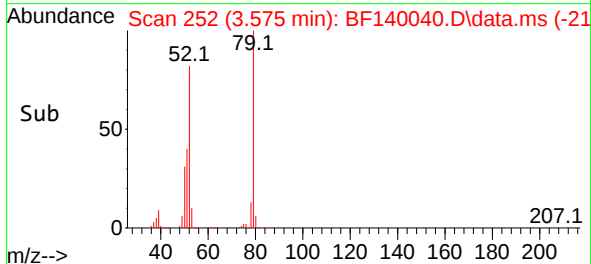
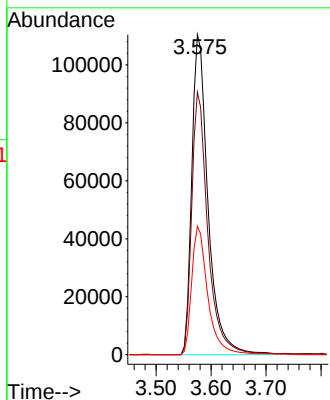
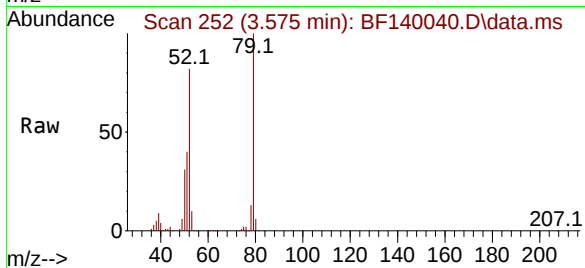
Tgt Ion: 79 Resp: 227256

Ion Ratio Lower Upper

79 100

52 82.0 68.5 102.7

51 40.1 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 46.808 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.112 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

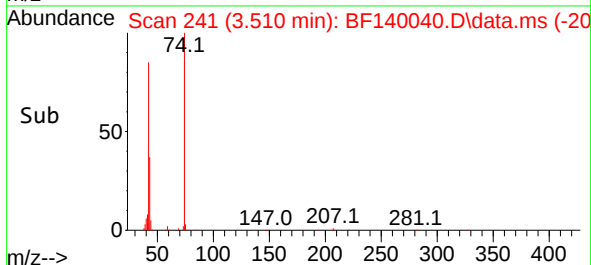
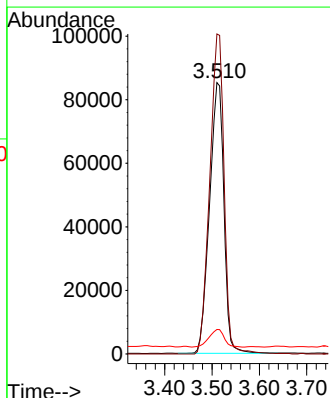
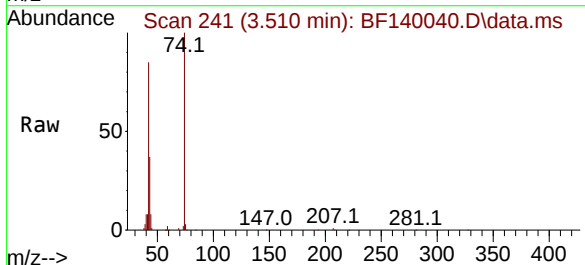
Tgt Ion: 42 Resp: 179566

Ion Ratio Lower Upper

42 100

74 117.9 96.2 144.4

44 9.0 6.2 9.2

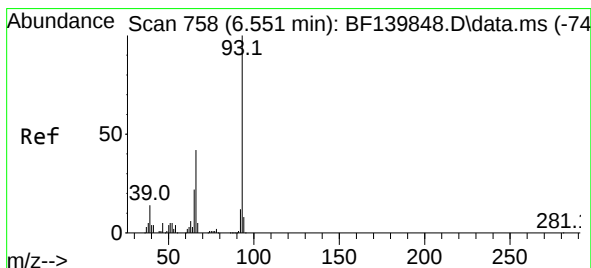
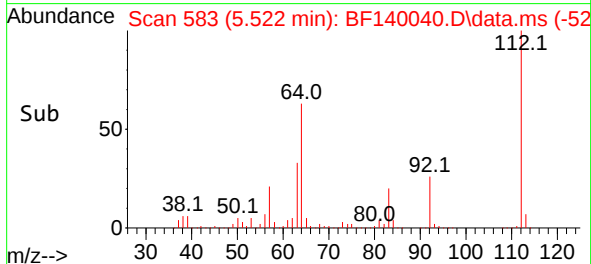
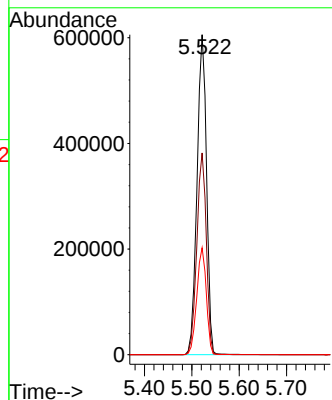
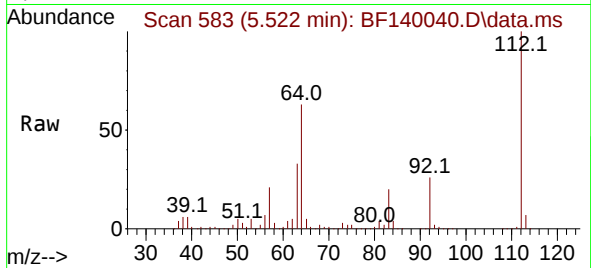




#5
2-Fluorophenol
Concen: 136.751 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

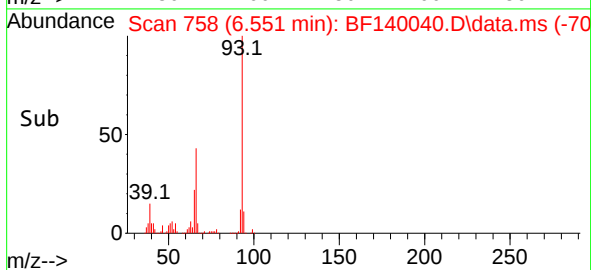
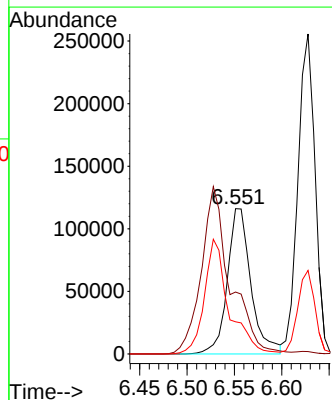
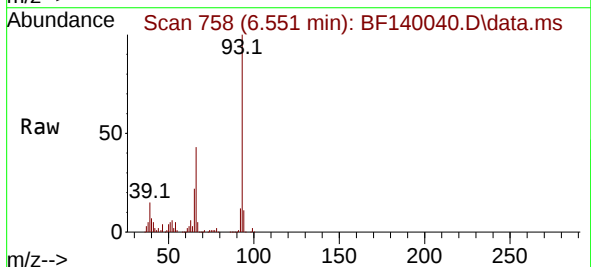
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:112 Resp: 844885
Ion Ratio Lower Upper
112 100
64 63.1 53.0 79.6
63 33.4 27.0 40.4



#6
Aniline
Concen: 26.955 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion: 93 Resp: 201019
Ion Ratio Lower Upper
93 100
66 42.7 34.0 51.0
65 22.1 17.4 26.0

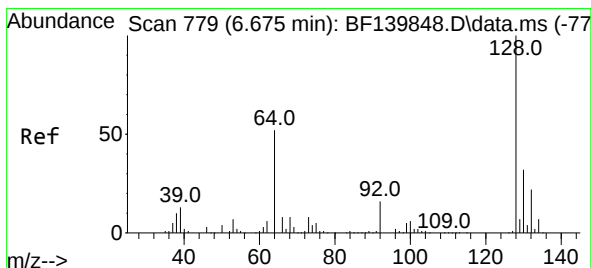
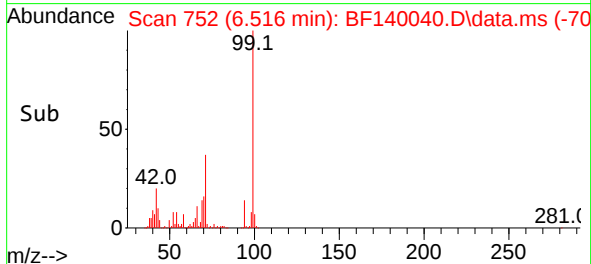
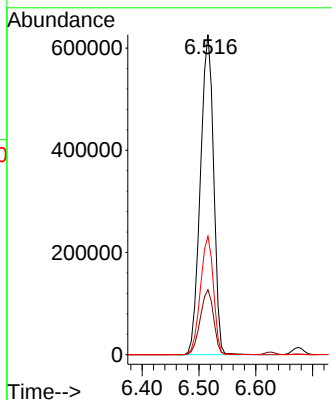
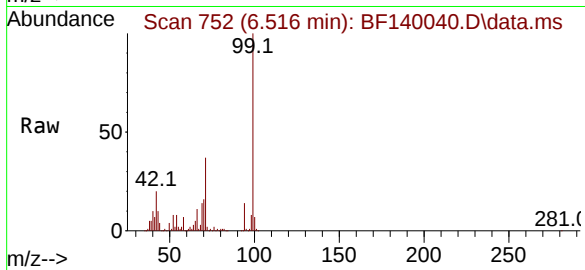




#7
Phenol-d6
Concen: 126.498 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

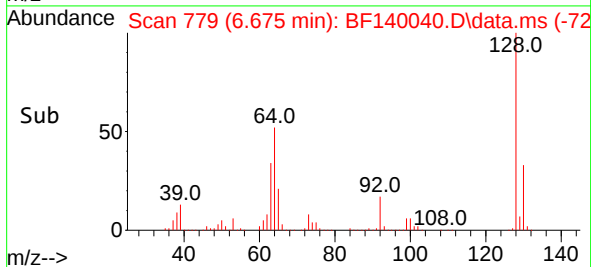
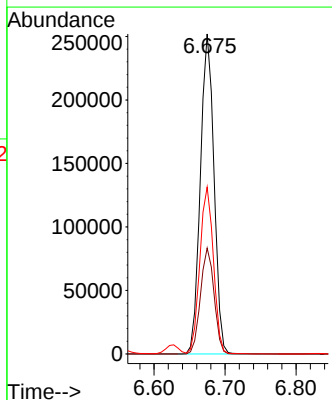
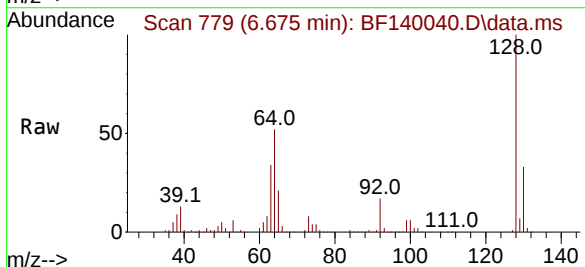
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ClientSampleId :
BP-B5MSD

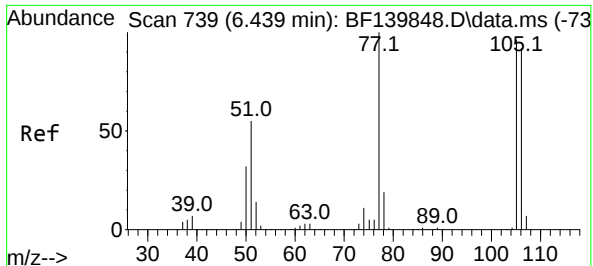
Tgt Ion: 99 Resp: 1012218
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 37.0 27.7 41.5



#8
2-Chlorophenol
Concen: 53.410 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:128 Resp: 337340
Ion Ratio Lower Upper
128 100
130 33.1 12.3 52.3
64 52.1 34.6 74.6

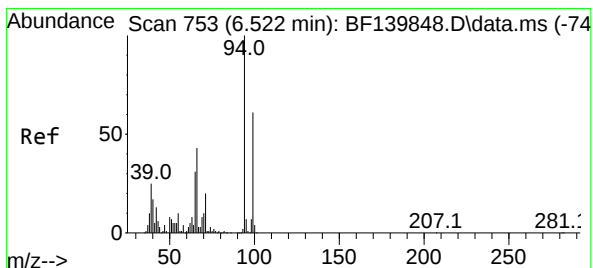
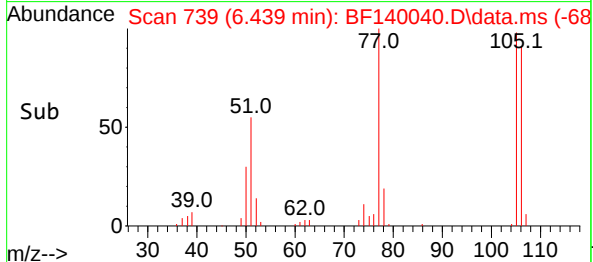
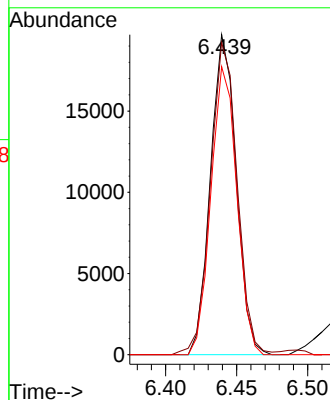
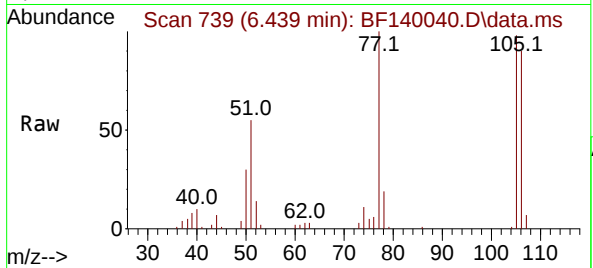




#9
Benzaldehyde
Concen: 5.496 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

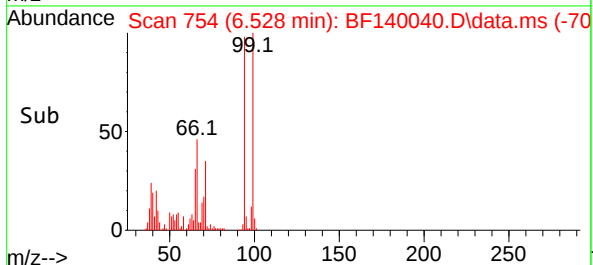
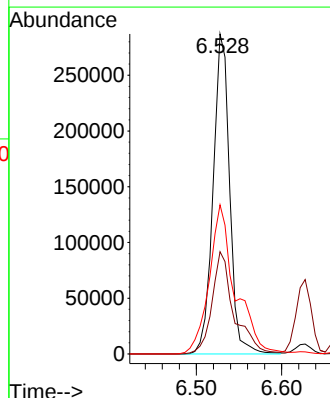
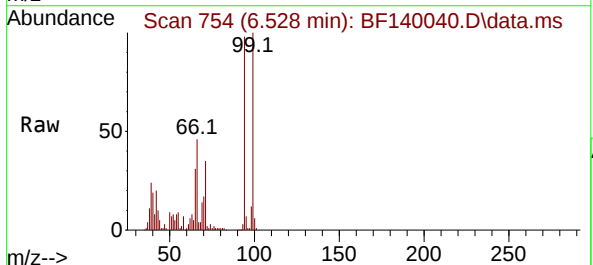
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Tgt Ion:	77	Resp:	24738
Ion	Ratio	Lower	Upper
77	100		
105	97.6	75.5	115.5
106	90.0	71.7	111.7



#10
Phenol
Concen: 47.130 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:	94	Resp:	388801
Ion	Ratio	Lower	Upper
94	100		
65	32.0	11.1	51.1
66	46.6	22.7	62.7

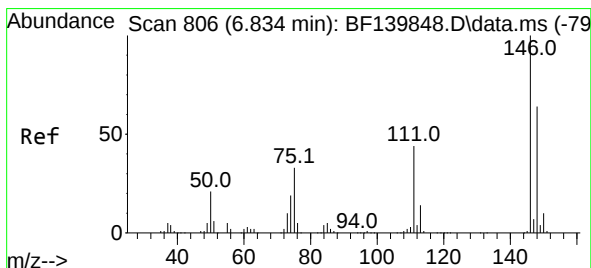
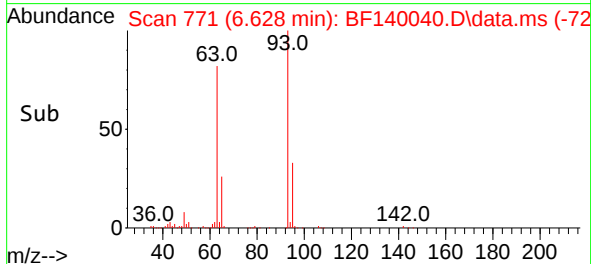
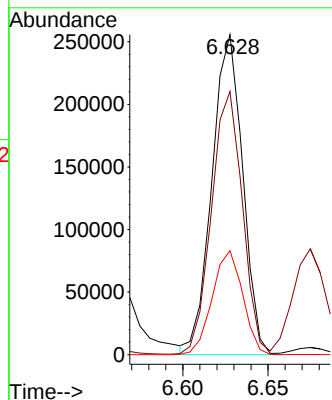
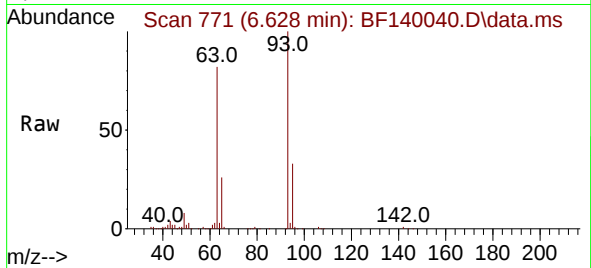




#11
bis(2-Chloroethyl)ether
Concen: 50.342 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

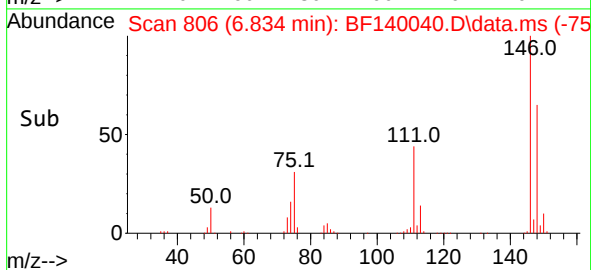
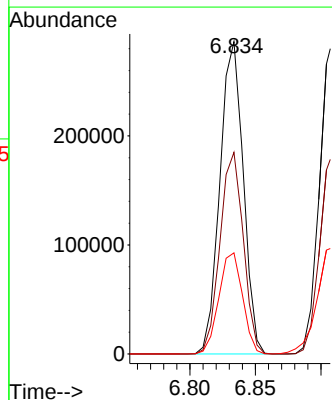
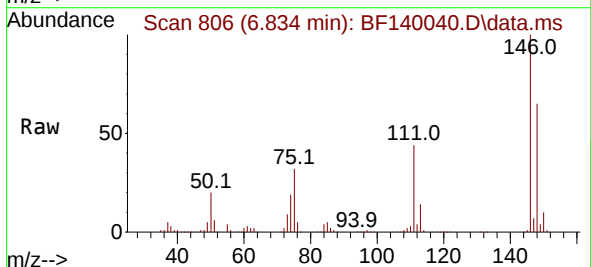
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:	93	Resp:	320996
Ion	Ratio	Lower	Upper
93	100		
63	82.3	65.0	105.0
95	32.5	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 48.859 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:	146	Resp:	354241
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
75	32.4	26.4	39.6

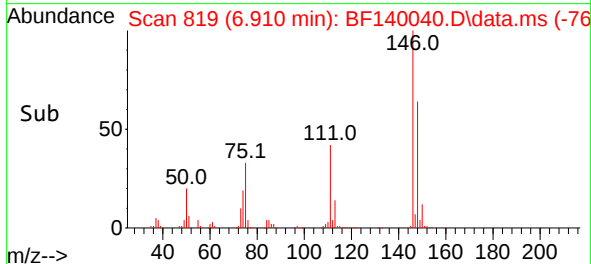
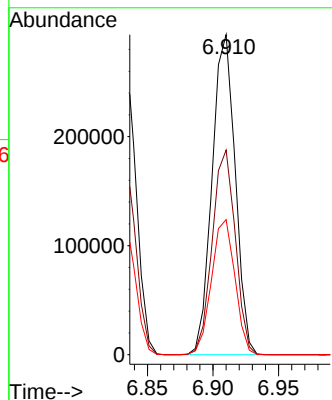
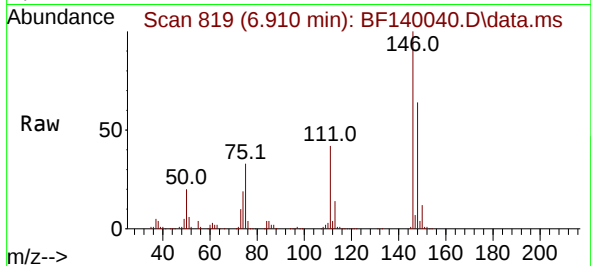




#13
1,4-Dichlorobenzene
Concen: 49.756 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

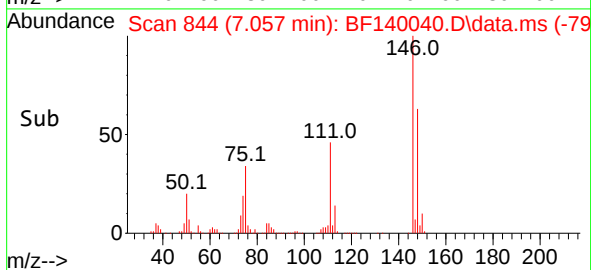
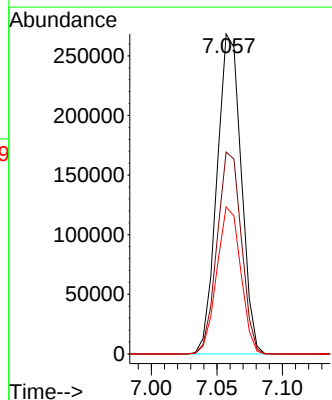
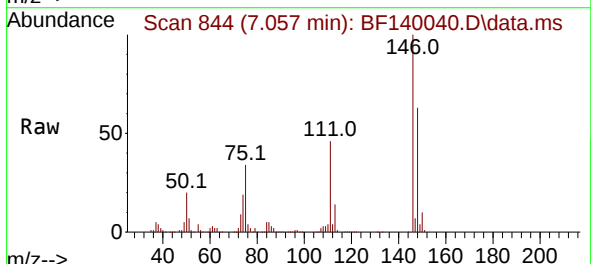
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:146 Resp: 360410
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 42.2 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 50.935 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:146 Resp: 344338
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 46.0 36.7 55.1

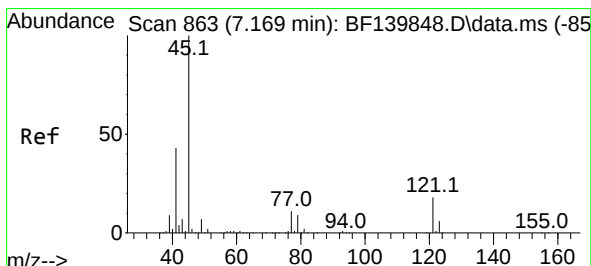
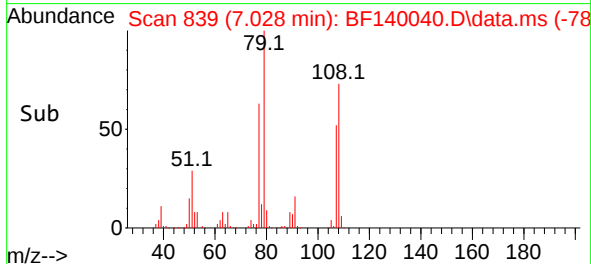
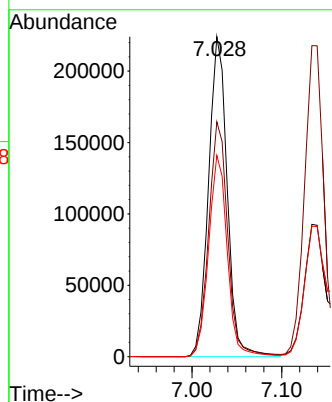
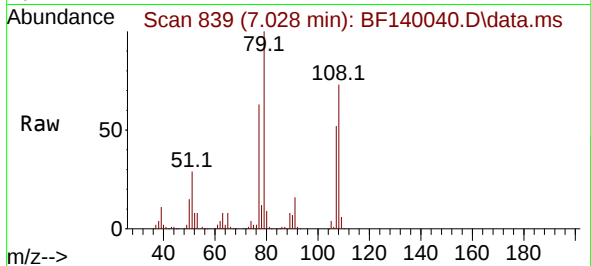




#15
Benzyl Alcohol
Concen: 55.211 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

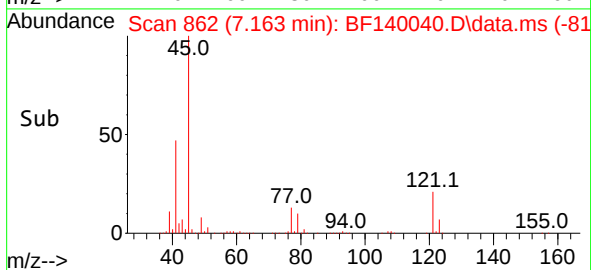
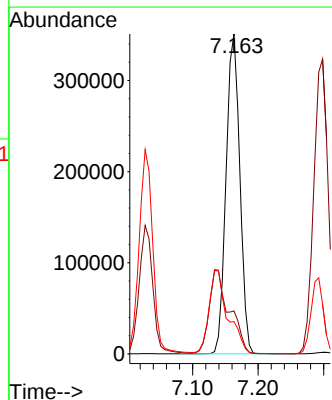
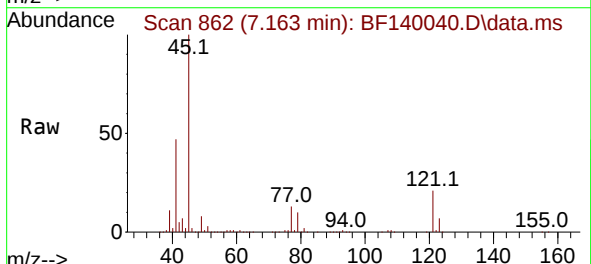
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion: 79 Resp: 324071
Ion Ratio Lower Upper
79 100
108 73.4 61.4 92.0
77 62.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.791 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion: 45 Resp: 508734
Ion Ratio Lower Upper
45 100
77 13.5 0.0 31.5
79 10.1 0.0 29.1

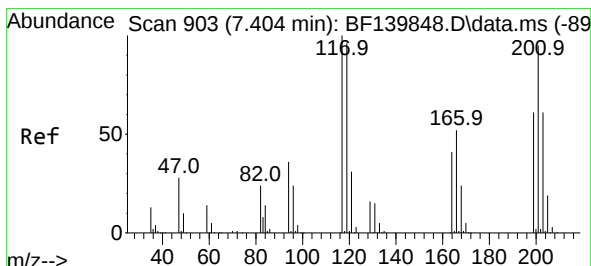
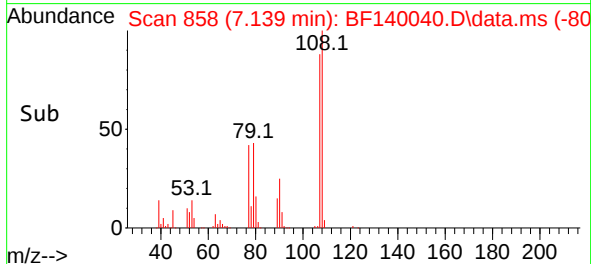
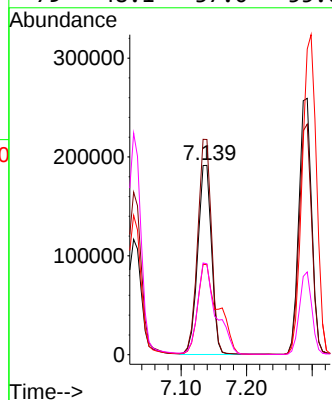
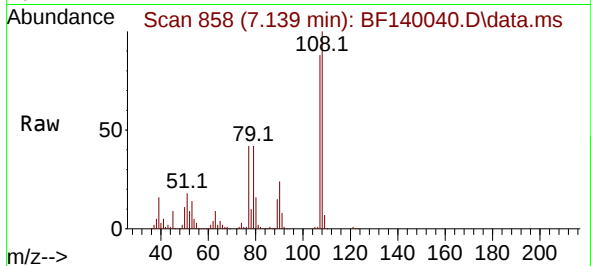




#17
2-Methylphenol
Concen: 52.191 ng
RT: 7.139 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

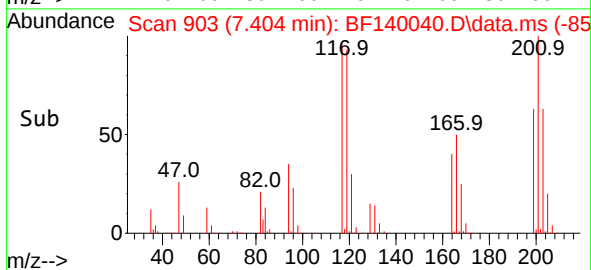
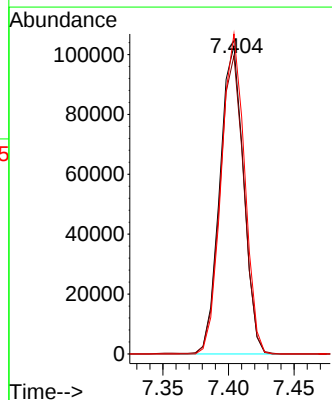
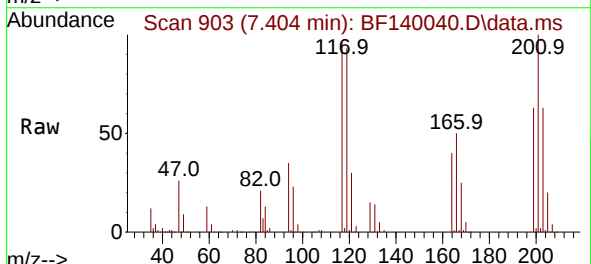
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

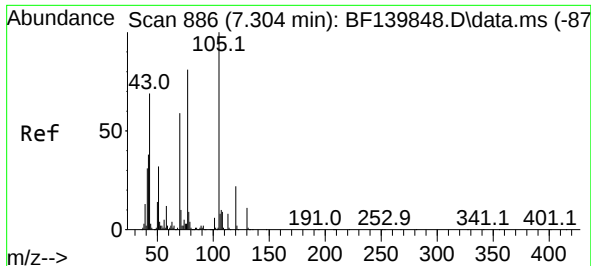
Tgt Ion:	107	Resp:	281085
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.3	136.9
77	47.6	37.1	55.7
79	48.1	37.0	55.6



#18
Hexachloroethane
Concen: 50.178 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:	117	Resp:	129611
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.4
201	103.8	76.2	114.4



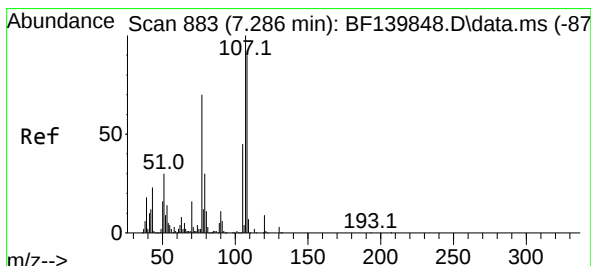
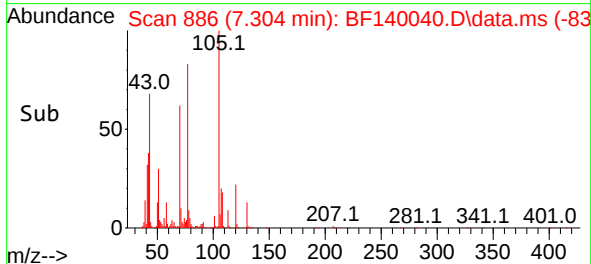
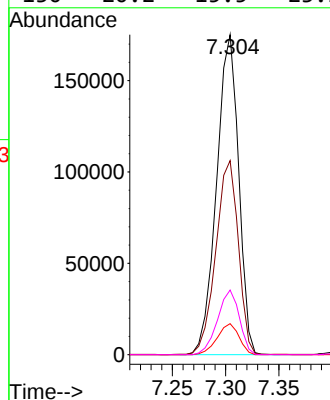
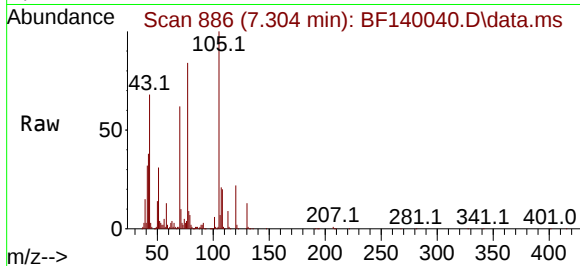


#19
n-Nitroso-di-n-propylamine
Concen: 51.850 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion: 70 Resp: 251632

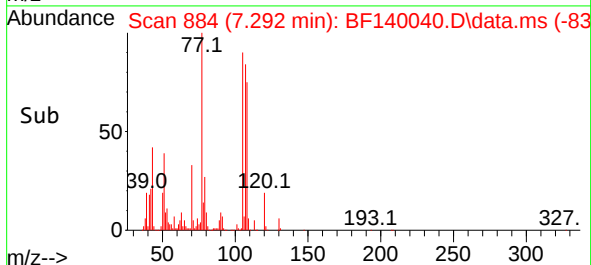
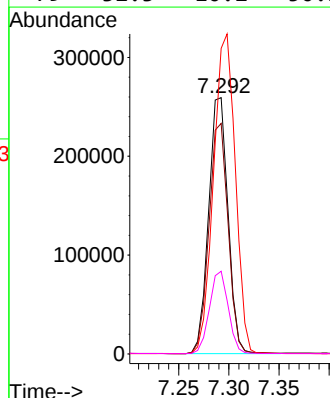
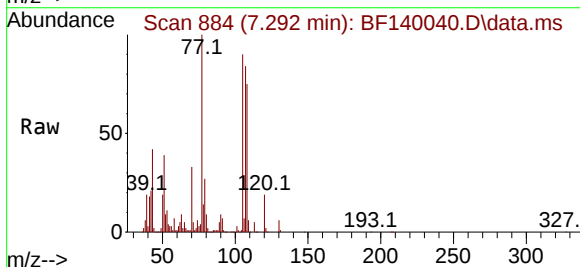
Ion	Ratio	Lower	Upper
70	100		
42	60.7	51.5	77.3
101	9.7	7.5	11.3
130	20.2	15.5	23.3



#20
3+4-Methylphenols
Concen: 50.625 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion: 107 Resp: 348740

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.8	109.8
77	119.3	50.5	90.5#
79	32.3	10.2	50.2



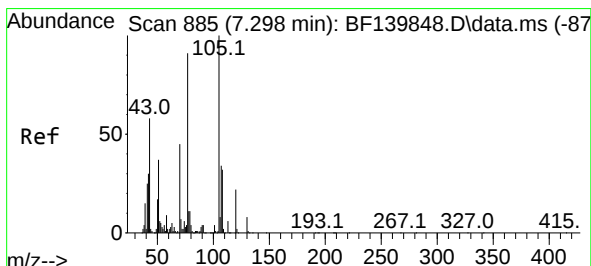
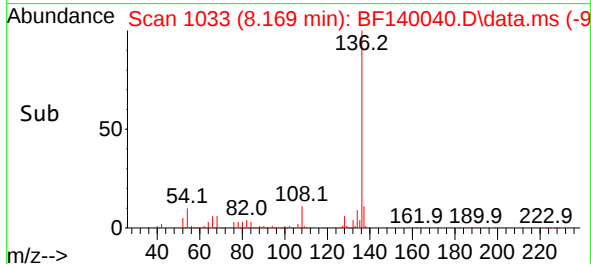
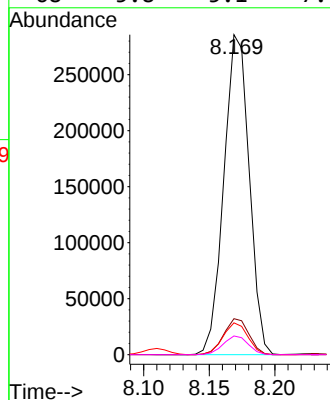
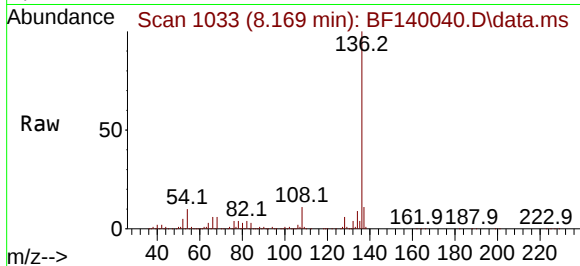


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:136 Resp: 384393

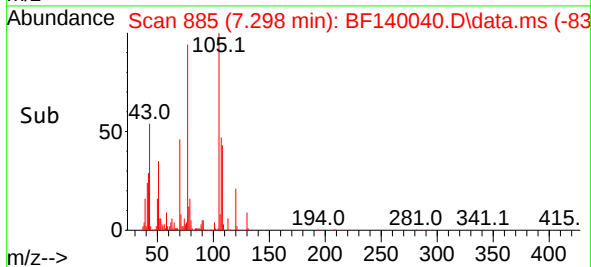
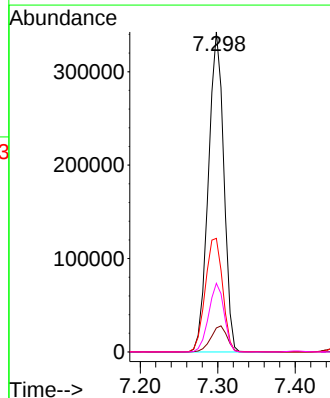
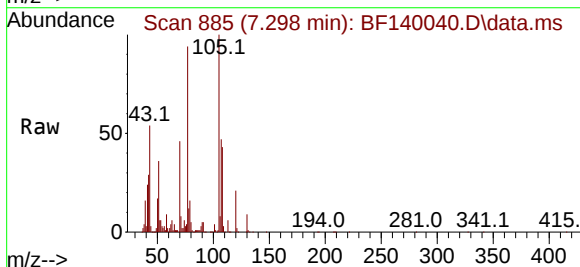
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.0	8.4	12.6
68	5.8	5.1	7.7

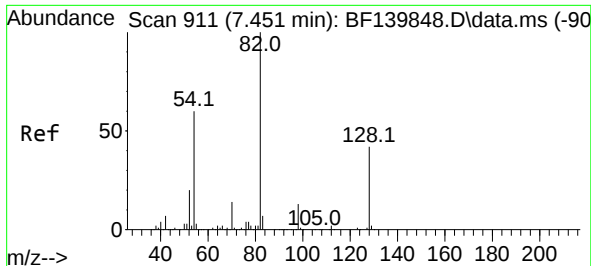


#22
Acetophenone
Concen: 50.309 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:105 Resp: 473666

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.9	8.9
51	35.5	29.4	44.2
120	21.5	17.5	26.3





#23

Nitrobenzene-d5

Concen: 108.970 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

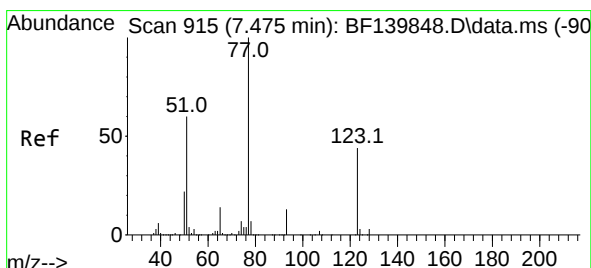
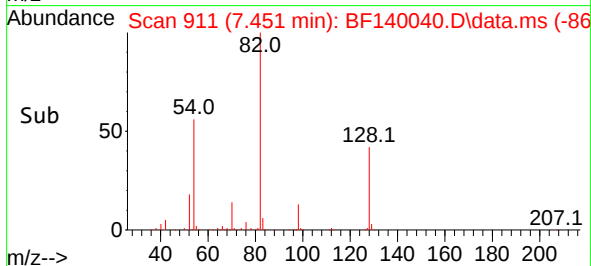
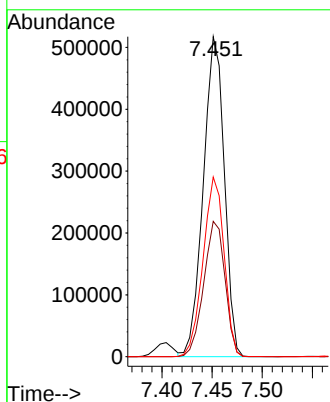
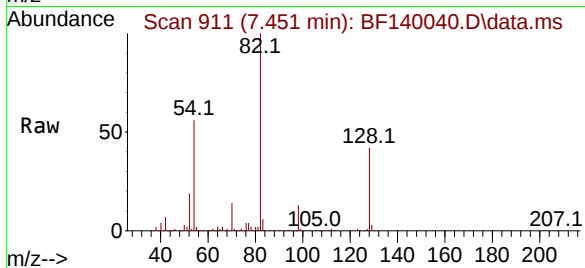
Tgt Ion: 82 Resp: 755768

Ion Ratio Lower Upper

82 100

128 42.3 33.4 50.0

54 56.1 47.8 71.8



#24

Nitrobenzene

Concen: 50.171 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

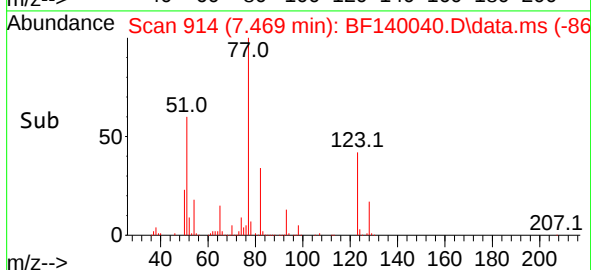
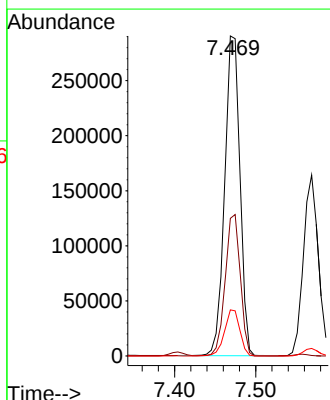
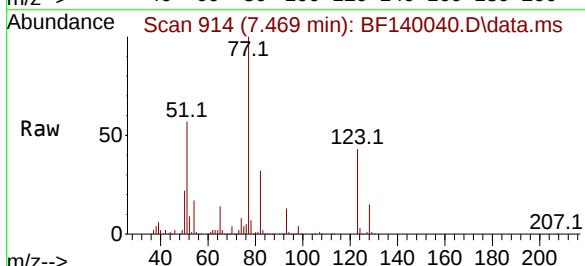
Tgt Ion: 77 Resp: 381506

Ion Ratio Lower Upper

77 100

123 43.0 35.7 53.5

65 14.4 11.5 17.3

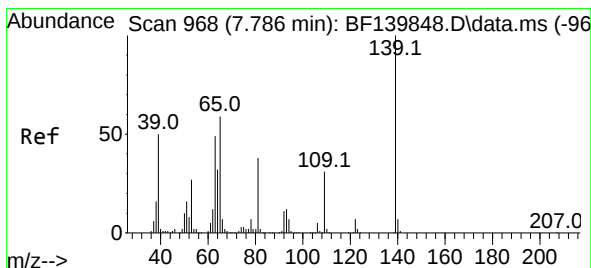
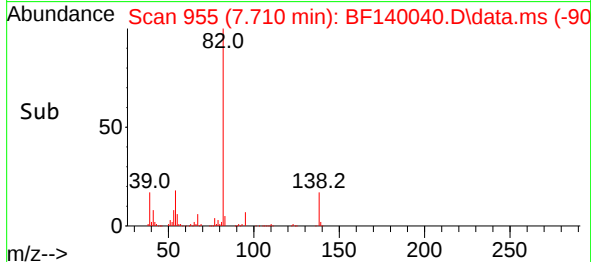
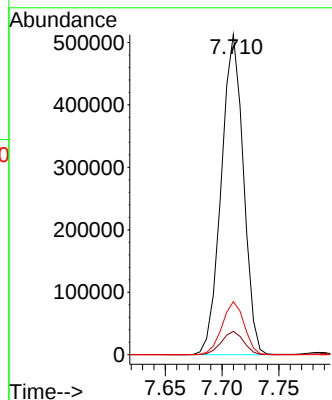
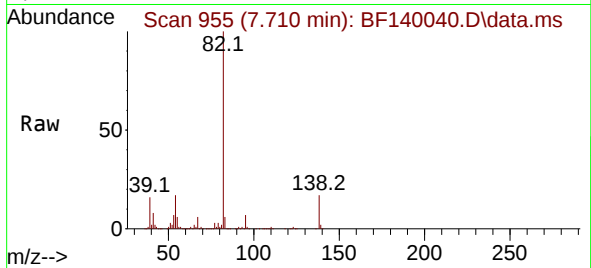




#25
Isophorone
Concen: 52.851 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

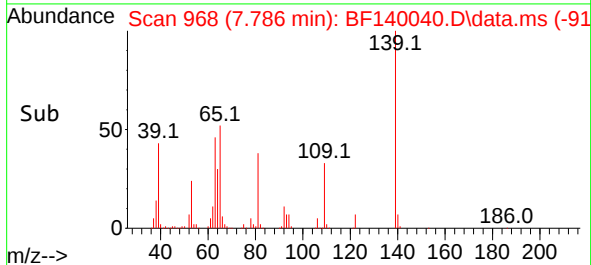
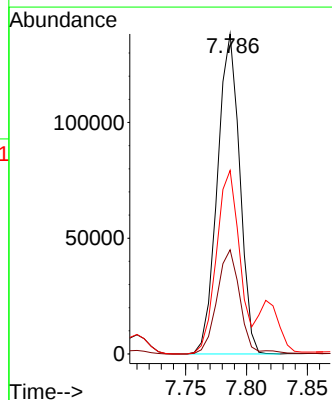
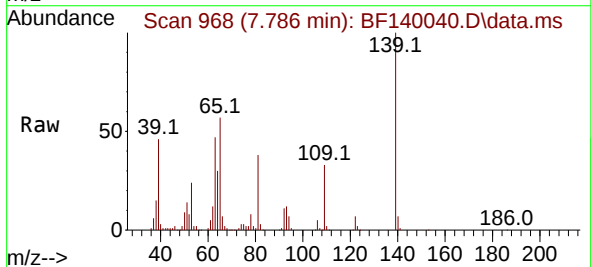
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion: 82 Resp: 695715
Ion Ratio Lower Upper
82 100
95 7.3 5.5 8.3
138 16.6 13.2 19.8



#26
2-Nitrophenol
Concen: 61.571 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:139 Resp: 176626
Ion Ratio Lower Upper
139 100
109 32.5 25.1 37.7
65 57.4 47.5 71.3

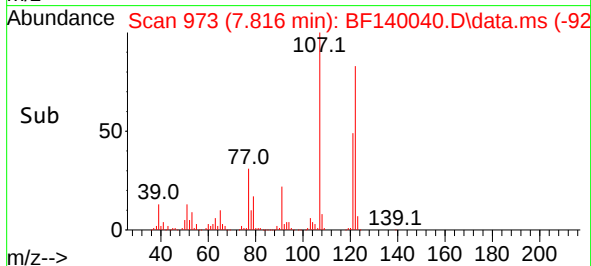
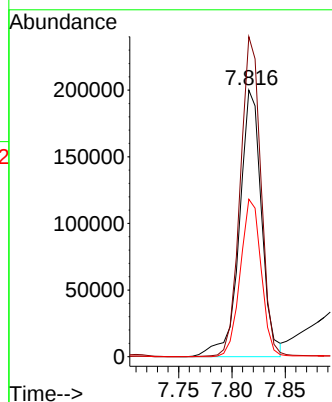
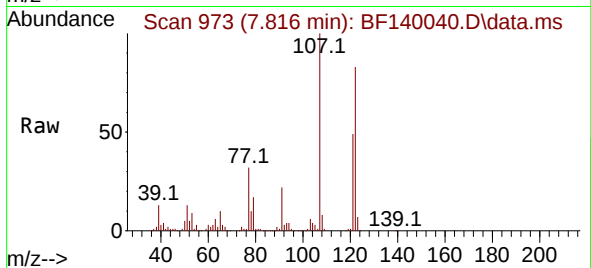




#27
2,4-Dimethylphenol
Concen: 60.332 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

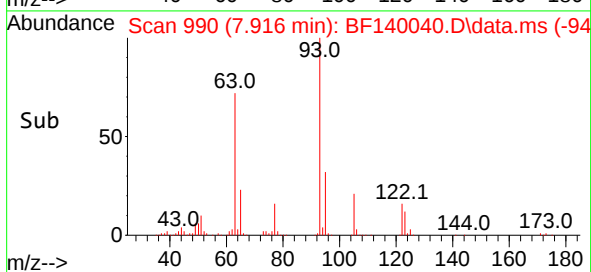
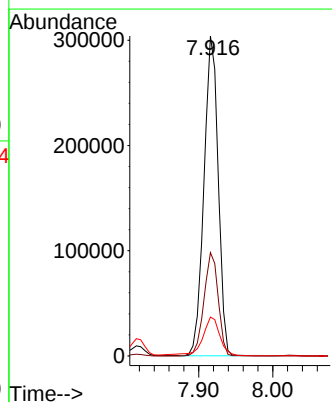
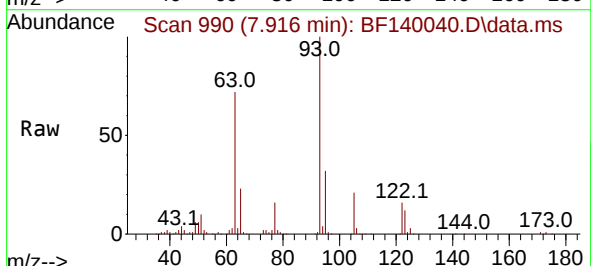
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:122 Resp: 288592
Ion Ratio Lower Upper
122 100
107 120.0 91.9 137.9
121 59.0 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 50.902 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion: 93 Resp: 405964
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 53.507 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

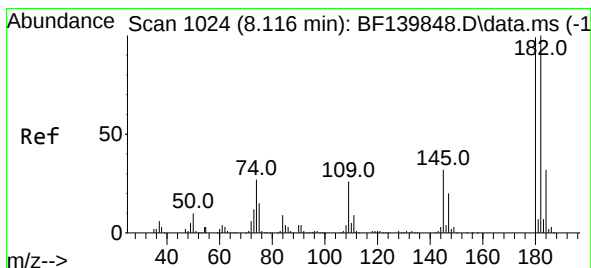
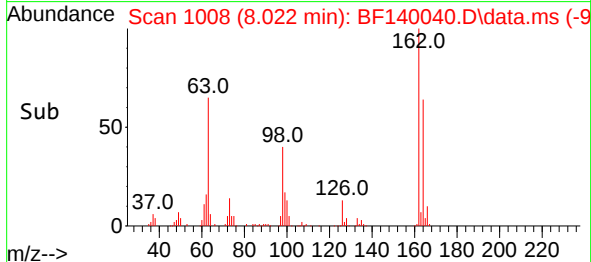
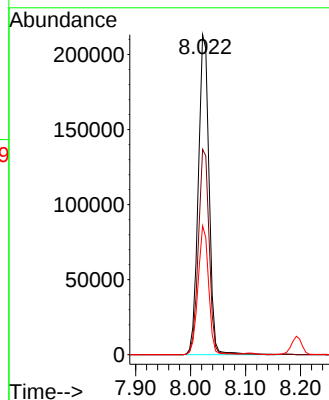
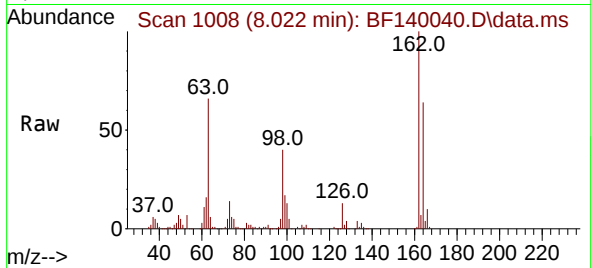
Tgt Ion:162 Resp: 291527

Ion Ratio Lower Upper

162 100

164 64.2 43.9 83.9

98 40.3 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 49.732 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

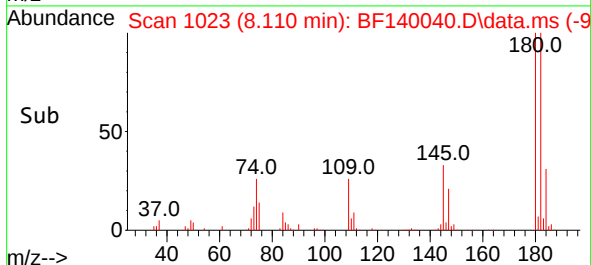
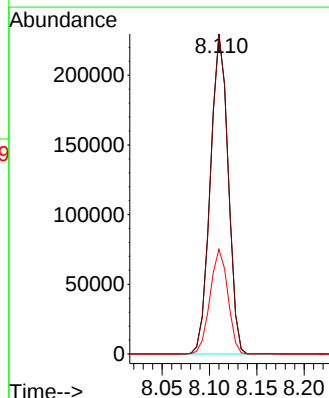
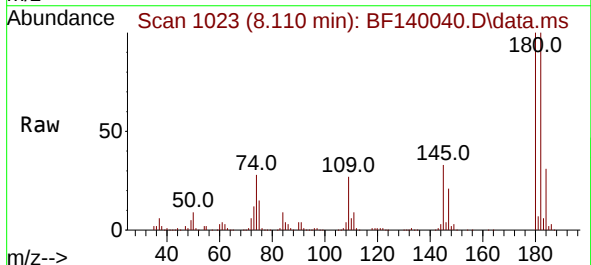
Tgt Ion:180 Resp: 299819

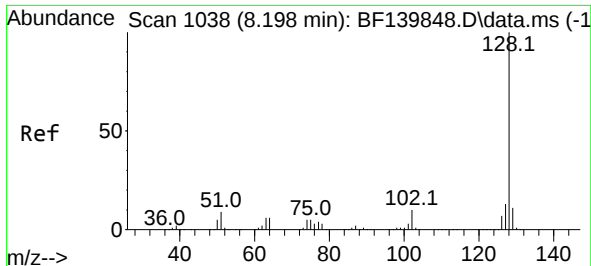
Ion Ratio Lower Upper

180 100

182 99.8 80.5 120.7

145 32.7 25.4 38.0

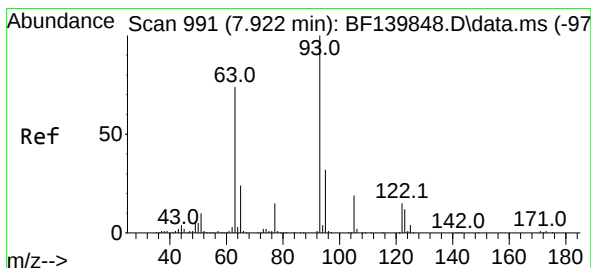
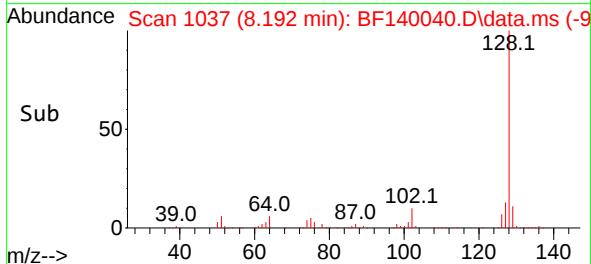
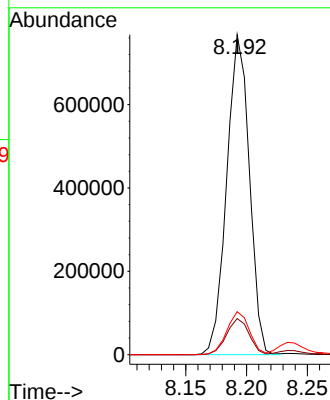
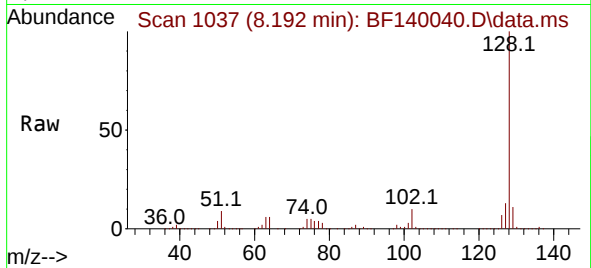




#31
Naphthalene
Concen: 50.060 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

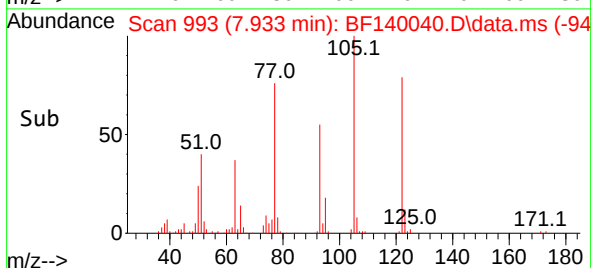
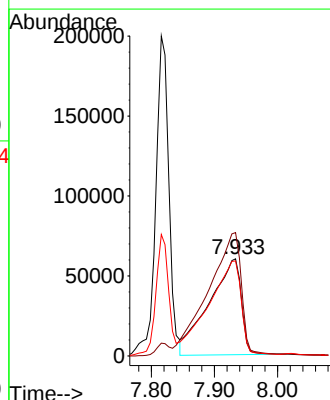
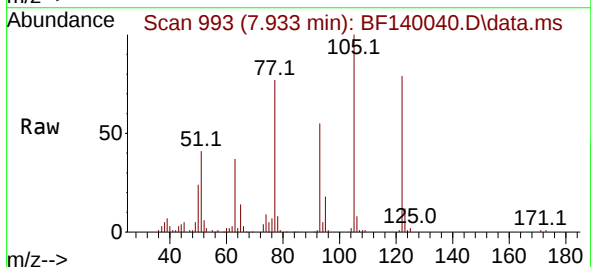
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:128 Resp: 992422
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 50.883 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.011 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:122 Resp: 212284
Ion Ratio Lower Upper
122 100
105 126.9 107.6 147.6
77 97.8 80.2 120.2

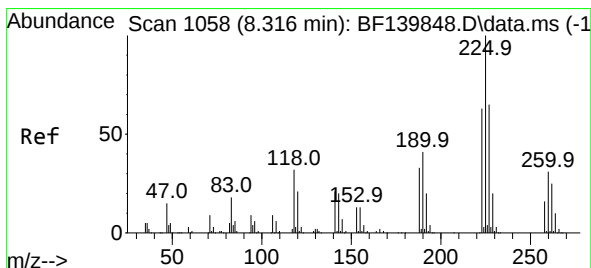
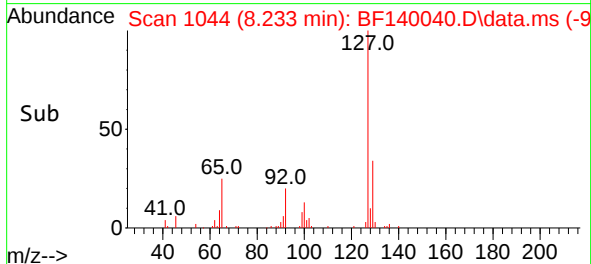
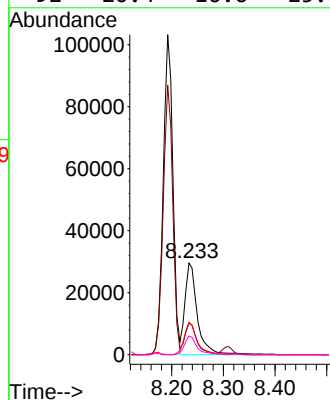
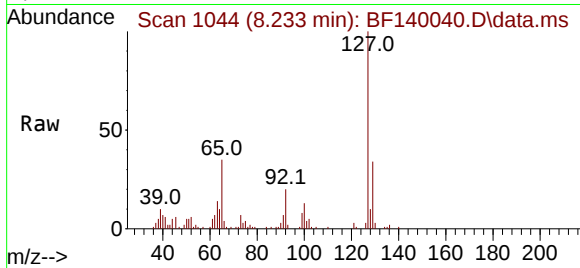




#33
4-Chloroaniline
Concen: 7.361 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

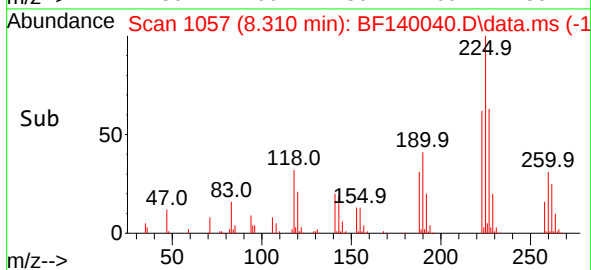
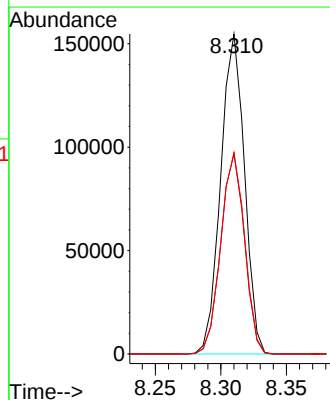
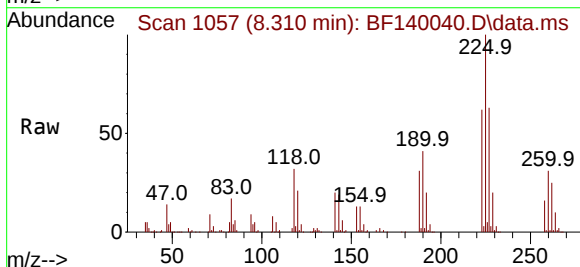
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

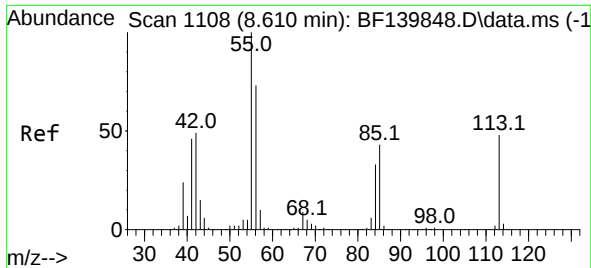
Tgt Ion:	127	Resp:	49759
Ion Ratio	Lower	Upper	
127	100		
129	34.5	25.4	38.2
65	35.3	28.4	42.6
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 51.455 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:	225	Resp:	194908
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.6	76.0
227	62.9	51.8	77.8

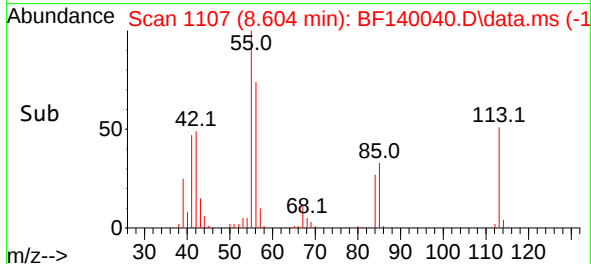
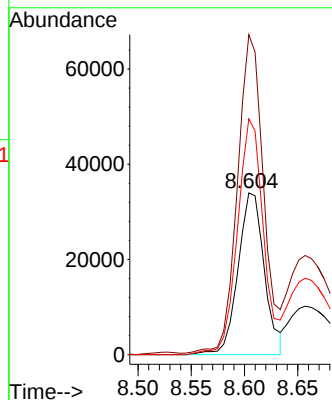
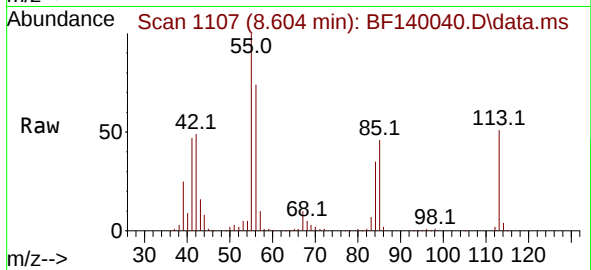




#35
Caprolactam
Concen: 33.772 ng
RT: 8.604 min Scan# 1107
Delta R.T. -0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

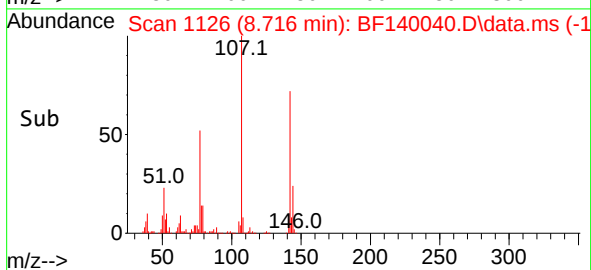
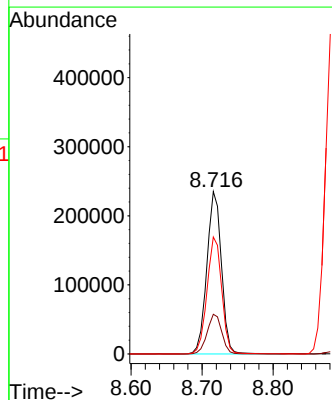
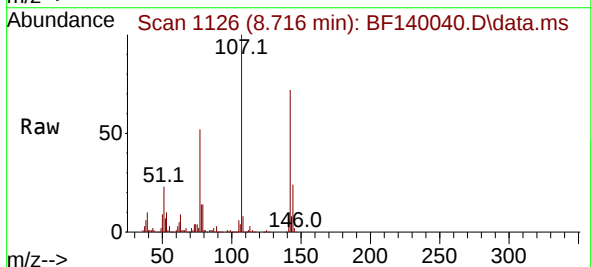
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

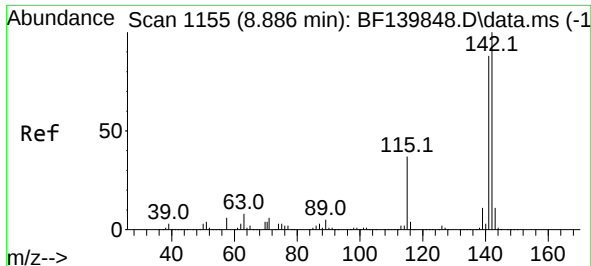
Tgt Ion:113 Resp: 58506
Ion Ratio Lower Upper
113 100
55 197.9 189.2 229.2
56 145.8 132.5 172.5



#36
4-Chloro-3-methylphenol
Concen: 55.853 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:107 Resp: 336956
Ion Ratio Lower Upper
107 100
144 24.4 19.1 28.7
142 72.0 57.2 85.8





#37

2-Methylnaphthalene

Concen: 52.645 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

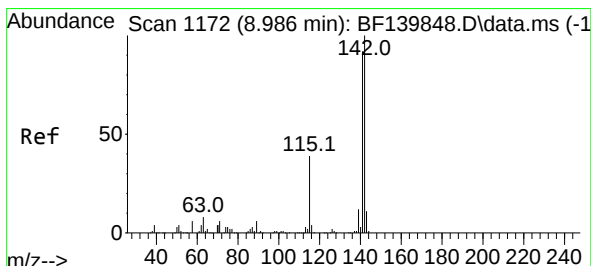
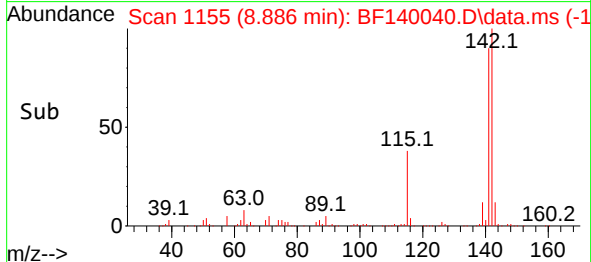
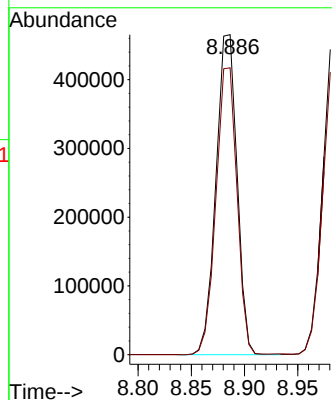
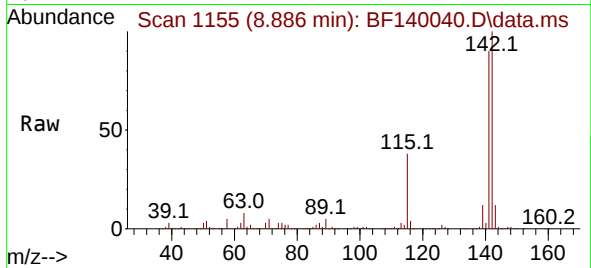
BP-B5MSD

Tgt Ion:142 Resp: 639184

Ion Ratio Lower Upper

142 100

141 89.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 50.661 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF140040.D

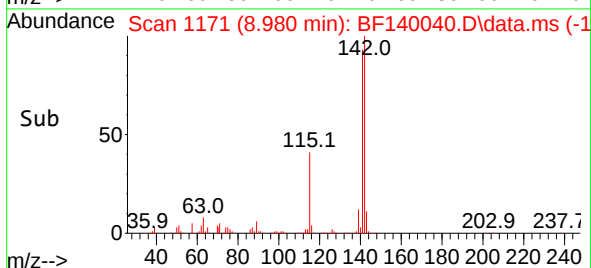
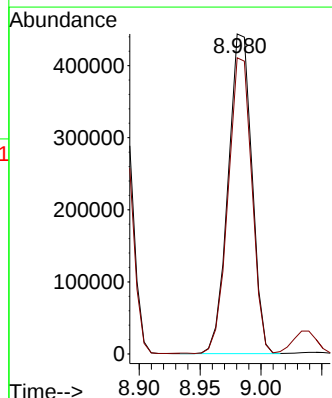
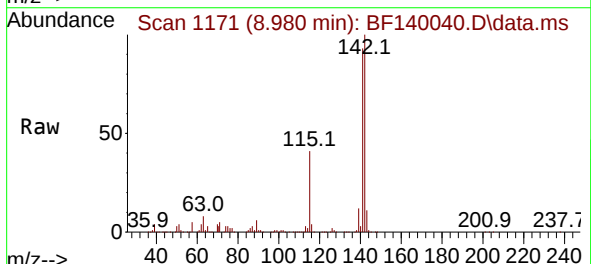
Acq: 25 Oct 2024 16:29

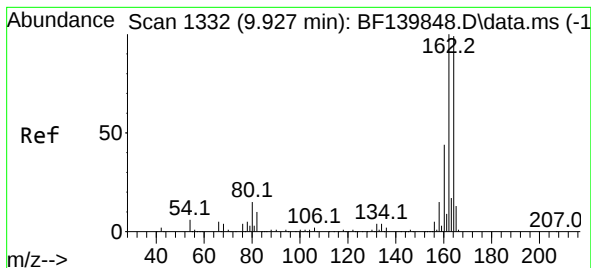
Tgt Ion:142 Resp: 603480

Ion Ratio Lower Upper

142 100

141 92.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

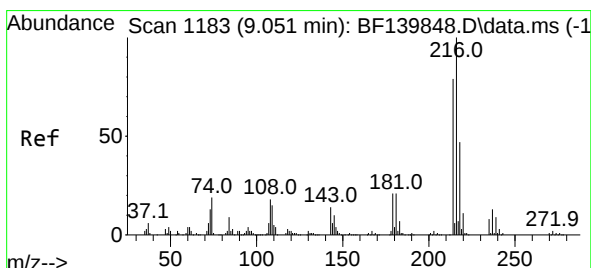
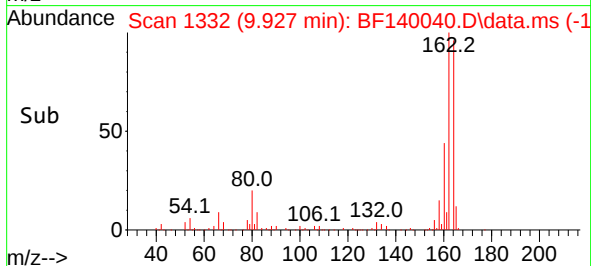
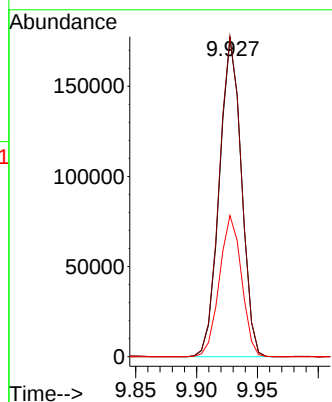
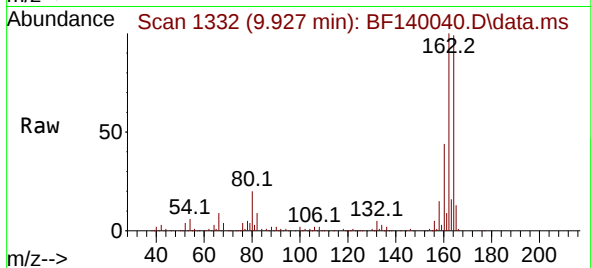
Tgt Ion:164 Resp: 222223

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

160 44.4 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.087 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Tgt Ion:216 Resp: 306281

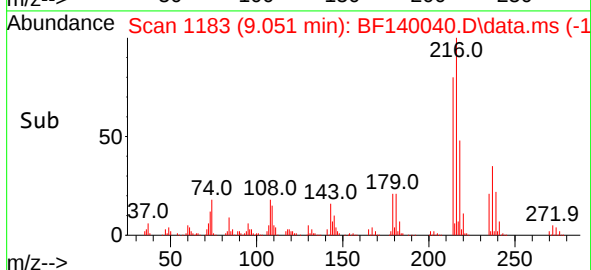
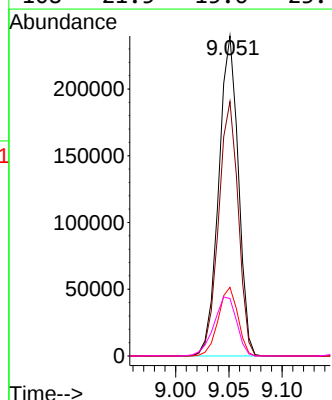
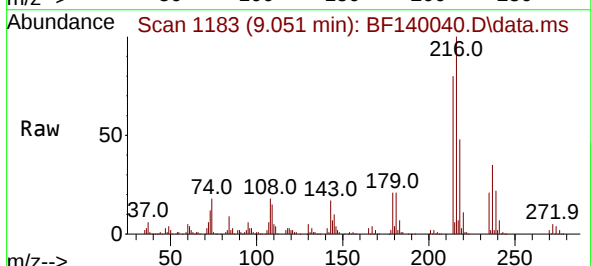
Ion Ratio Lower Upper

216 100

214 79.7 63.4 95.0

179 21.5 17.2 25.8

108 21.5 15.6 23.4

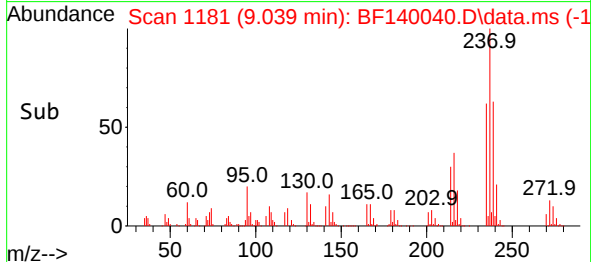
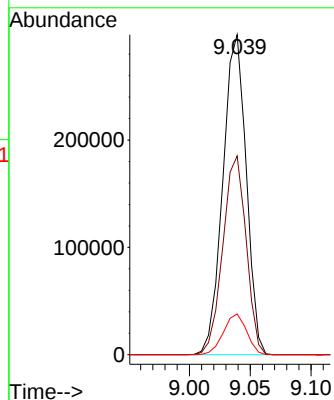
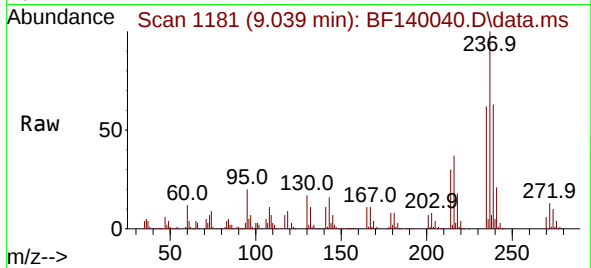




#41
Hexachlorocyclopentadiene
Concen: 190.849 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

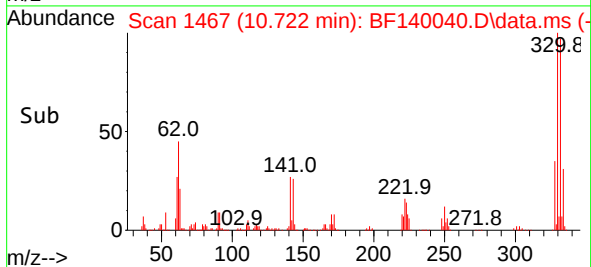
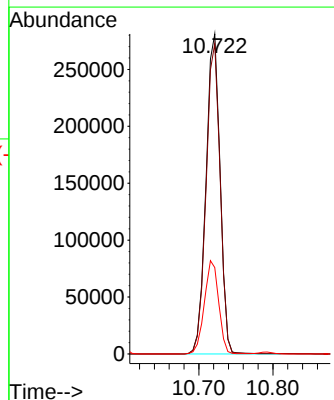
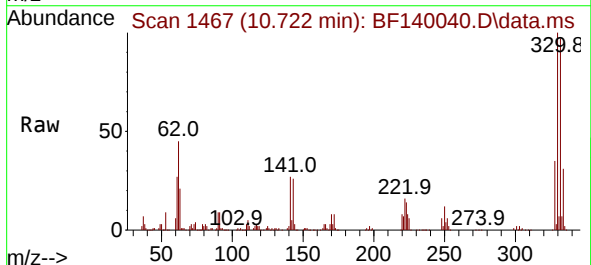
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:237 Resp: 398120
Ion Ratio Lower Upper
237 100
235 62.1 42.9 82.9
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 178.690 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:330 Resp: 371426
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 29.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 54.946 ng

RT: 9.157 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

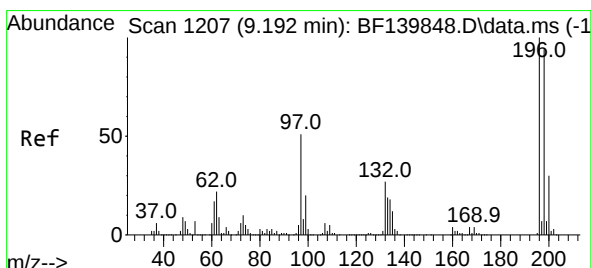
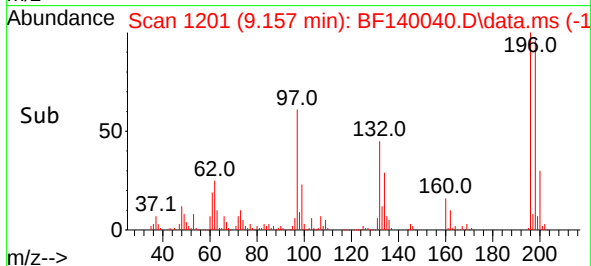
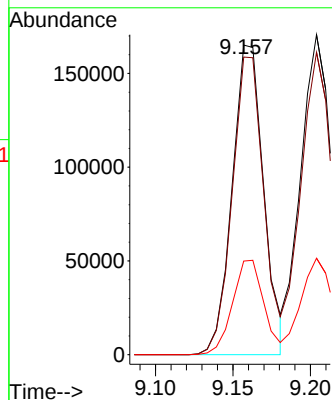
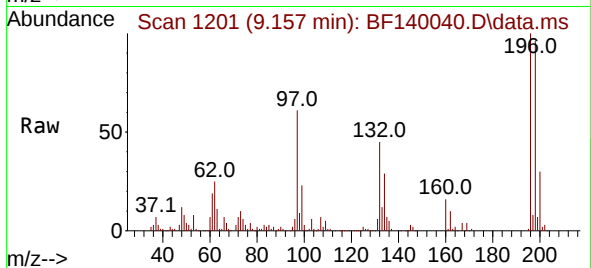
Tgt Ion:196 Resp: 233222

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 54.937 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Tgt Ion:196 Resp: 240582

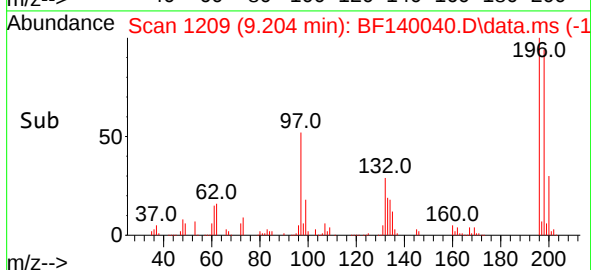
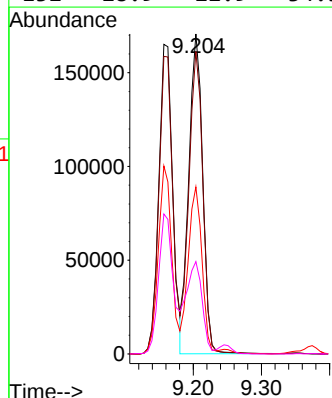
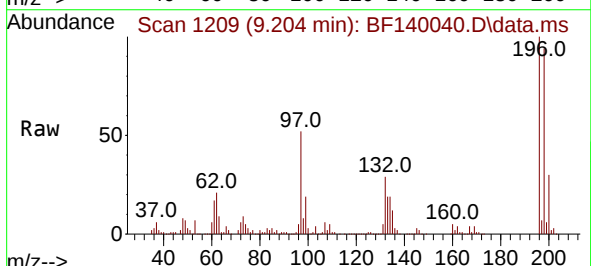
Ion Ratio Lower Upper

196 100

198 94.5 75.8 113.6

97 52.2 41.8 62.6

132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 102.763 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

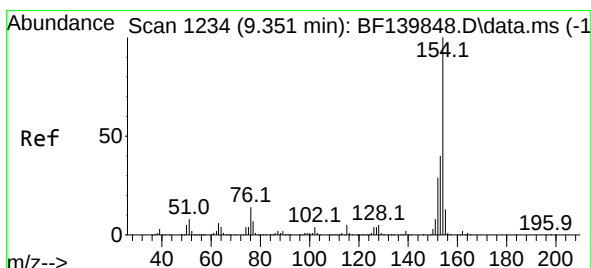
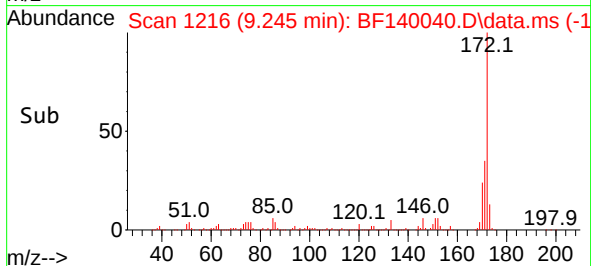
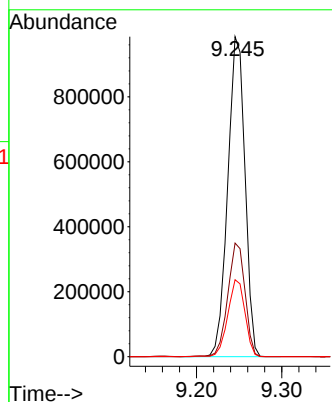
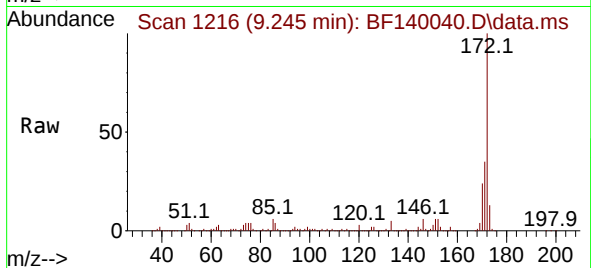
Tgt Ion:172 Resp: 1381765

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 51.720 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

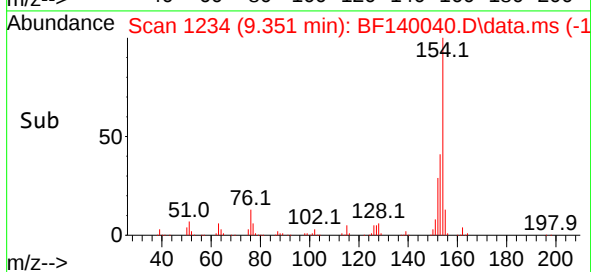
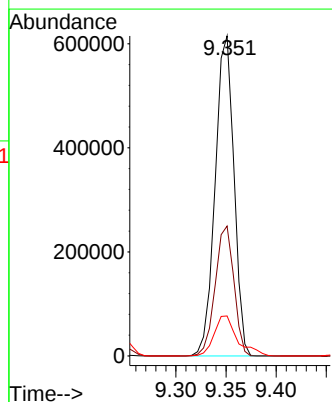
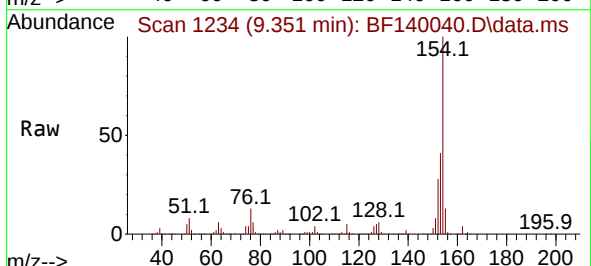
Tgt Ion:154 Resp: 800113

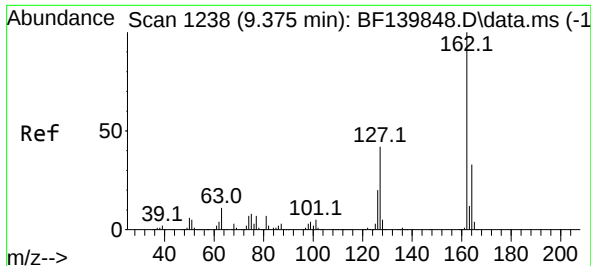
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 12.5 0.0 33.9

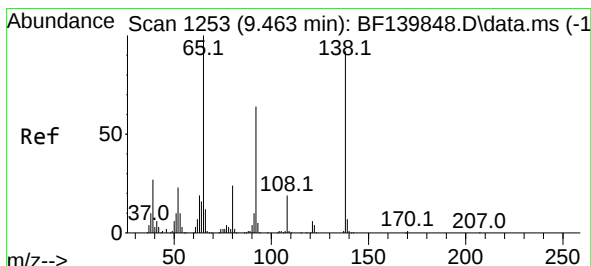
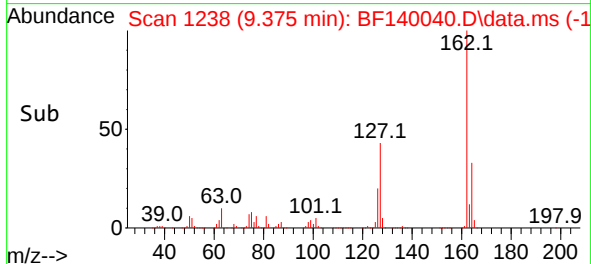
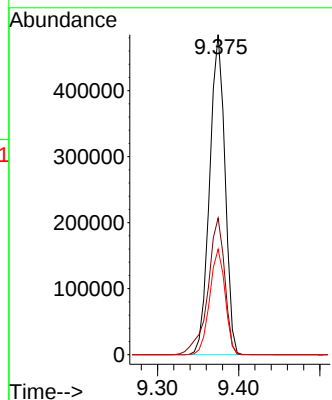
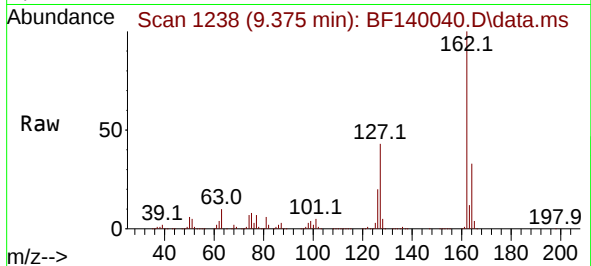




#47
2-Chloronaphthalene
Concen: 51.034 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

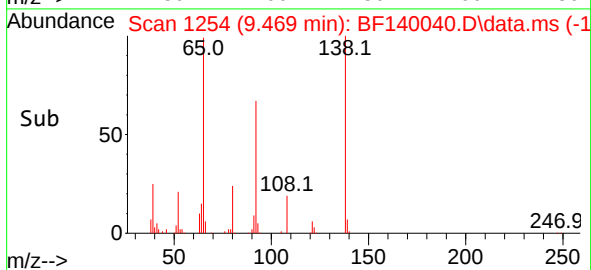
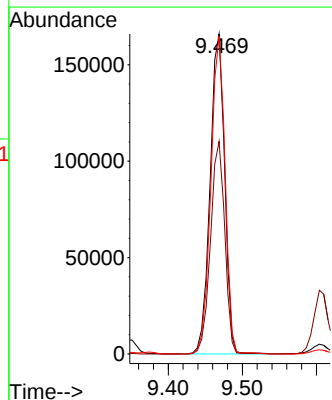
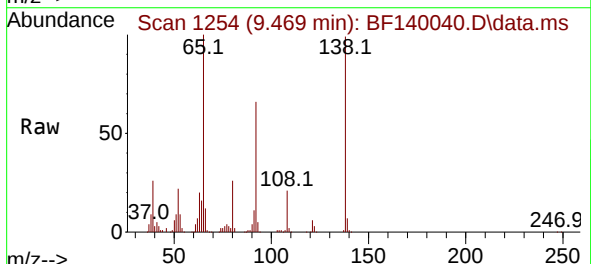
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:162 Resp: 635870
Ion Ratio Lower Upper
162 100
127 42.7 33.8 50.6
164 33.0 26.6 39.8



#48
2-Nitroaniline
Concen: 59.282 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion: 65 Resp: 225907
Ion Ratio Lower Upper
65 100
92 66.4 50.9 76.3
138 99.3 73.4 110.0

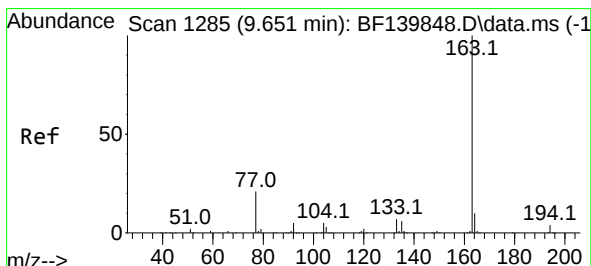
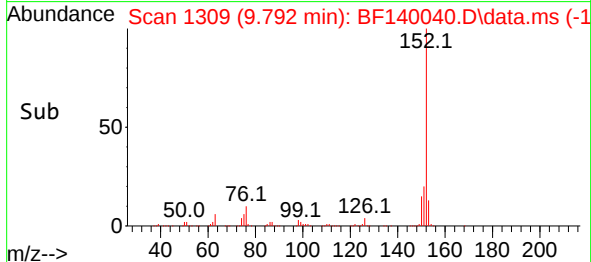
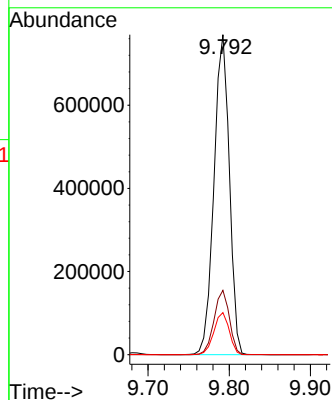
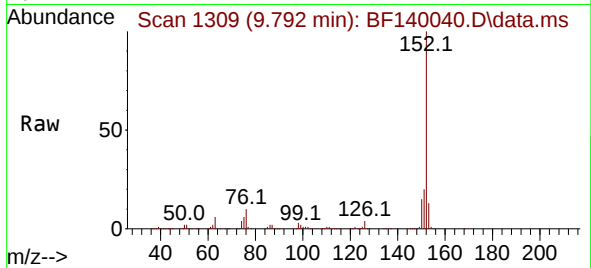




#49
Acenaphthylene
Concen: 56.169 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

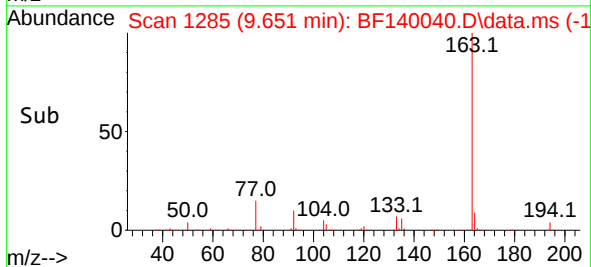
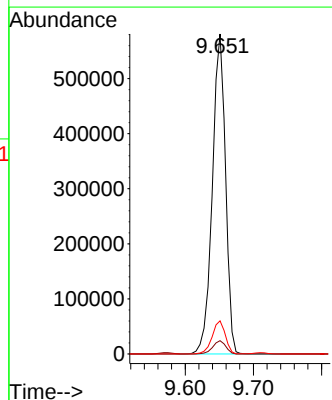
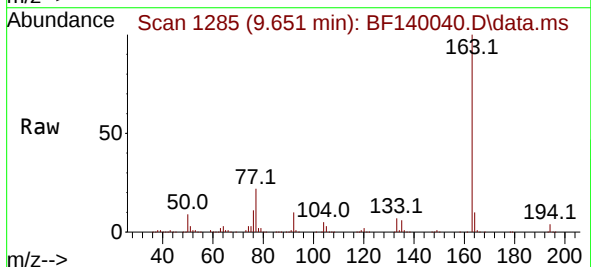
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

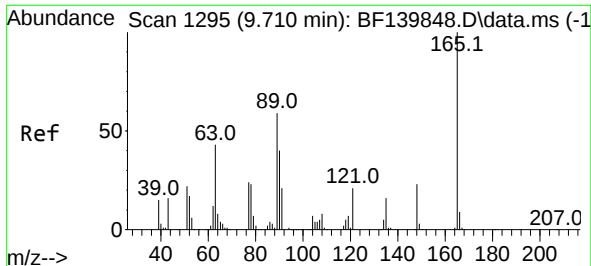
Tgt Ion:152 Resp: 1011768
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 56.494 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:163 Resp: 781973
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.3 8.2 12.2

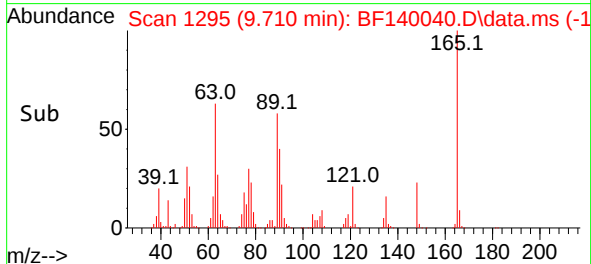
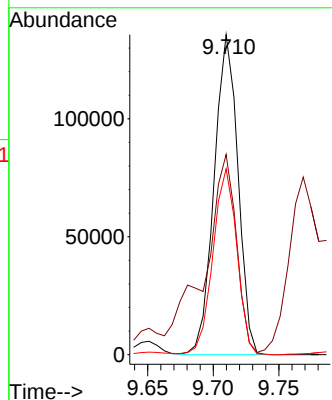
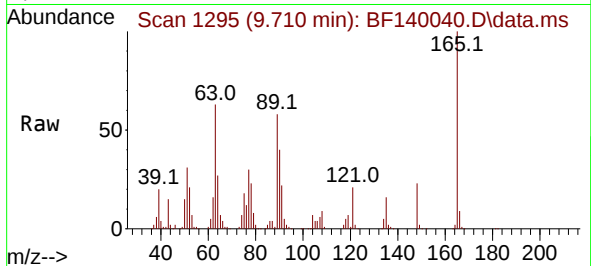




#51
2,6-Dinitrotoluene
Concen: 57.068 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

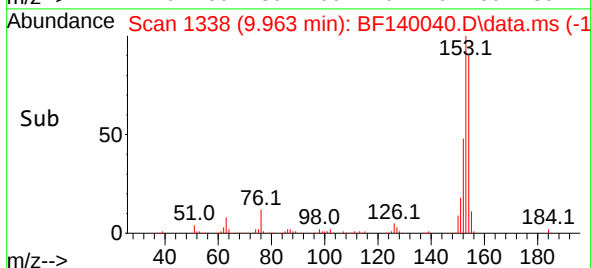
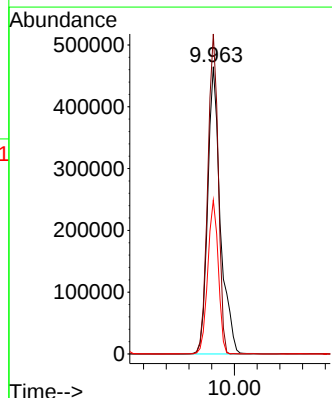
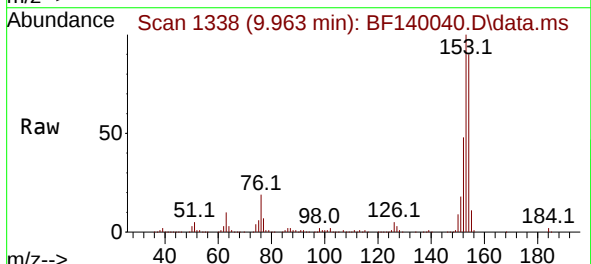
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

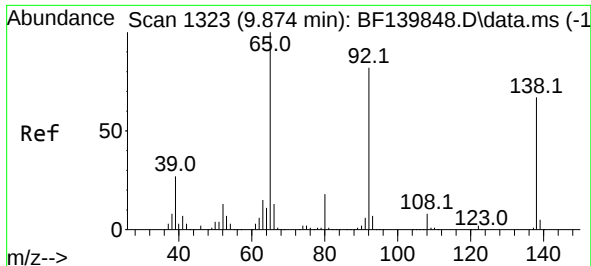
Tgt Ion:165 Resp: 171035
Ion Ratio Lower Upper
165 100
63 62.6 50.6 75.8
89 58.1 47.5 71.3



#52
Acenaphthene
Concen: 61.531 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:154 Resp: 716997
Ion Ratio Lower Upper
154 100
153 111.4 89.8 134.6
152 53.5 42.4 63.6

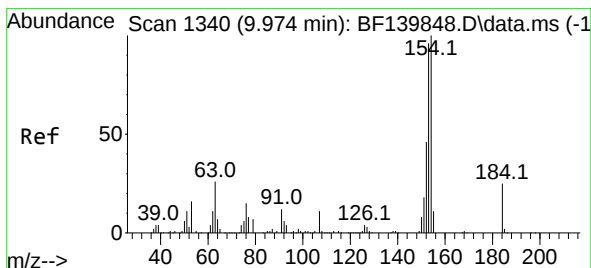
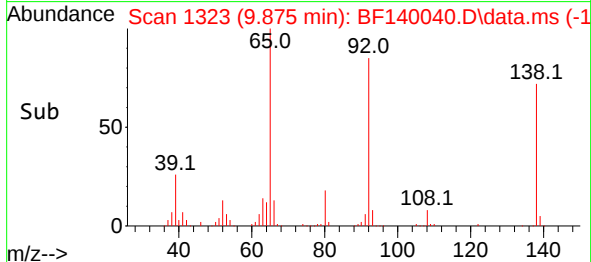
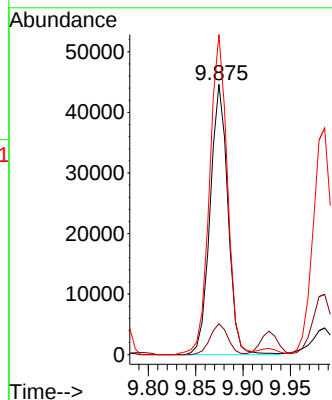
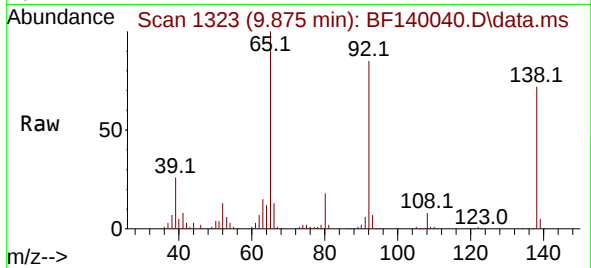




#53
3-Nitroaniline
Concen: 18.831 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

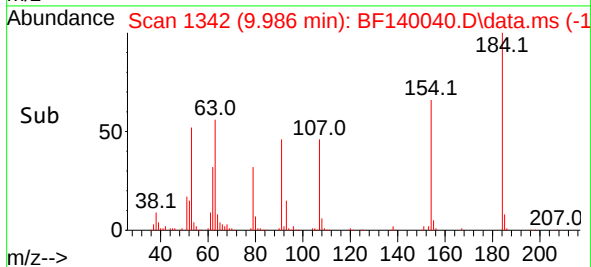
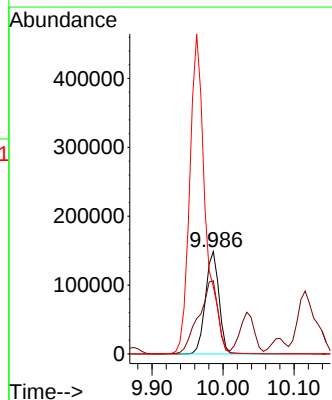
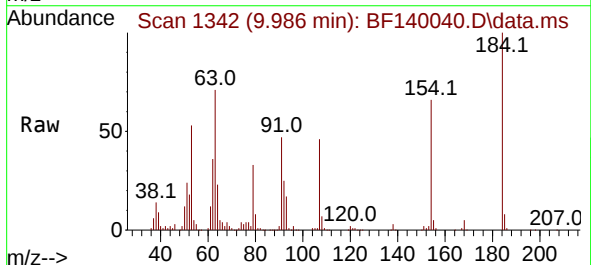
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

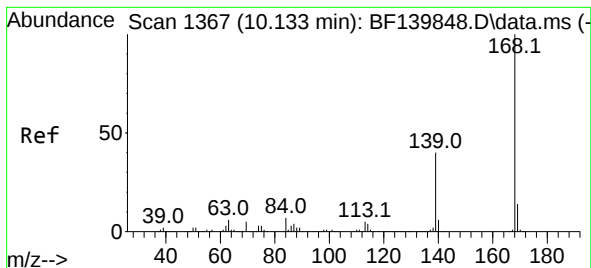
Tgt Ion:138 Resp: 58200
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.2
92 118.4 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 153.291 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:184 Resp: 198988
Ion Ratio Lower Upper
184 100
63 71.3 84.7 127.1#
154 65.8 338.2 507.2#





#55

Dibenzofuran

Concen: 53.711 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

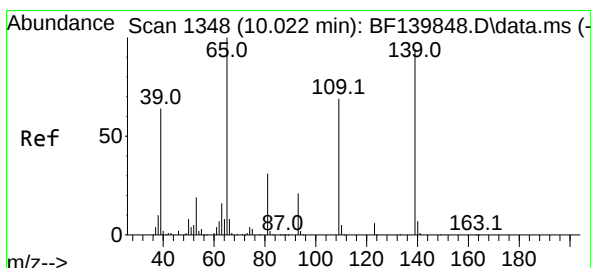
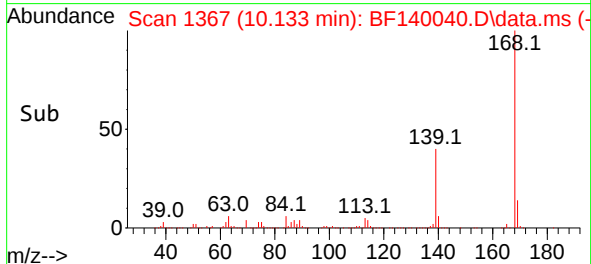
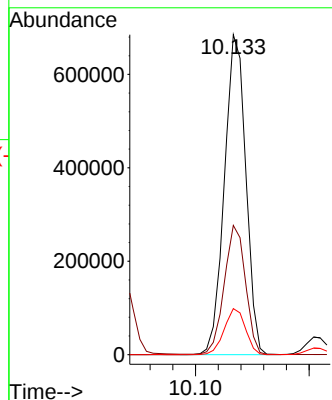
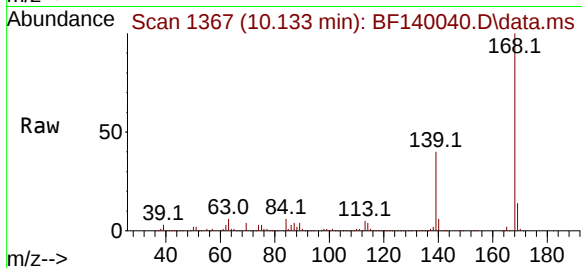
Tgt Ion:168 Resp: 897970

Ion Ratio Lower Upper

168 100

139 40.4 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 109.361 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

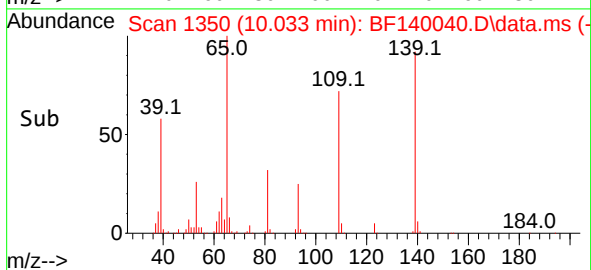
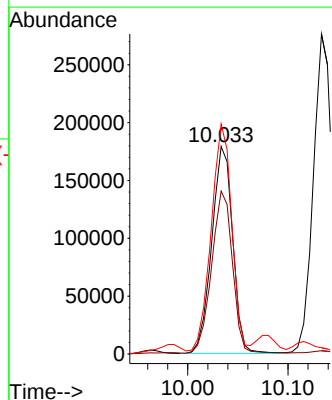
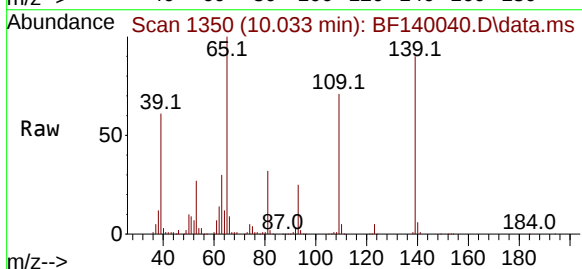
Tgt Ion:139 Resp: 260041

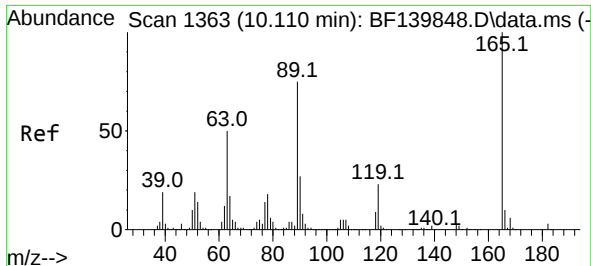
Ion Ratio Lower Upper

139 100

109 78.5 53.6 93.6

65 110.9 87.8 127.8

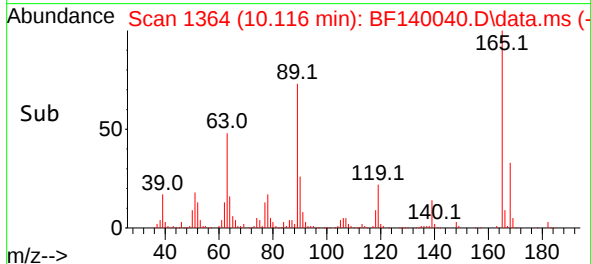
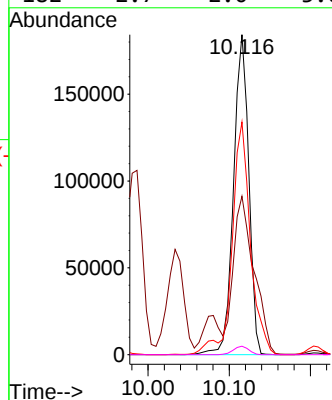
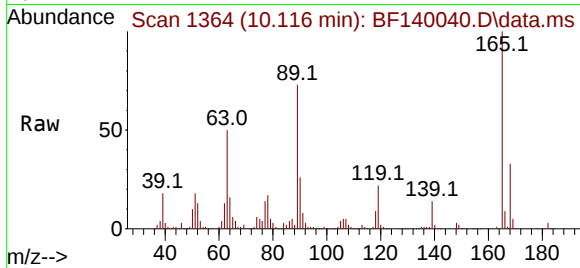




#57
2,4-Dinitrotoluene
Concen: 64.989 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

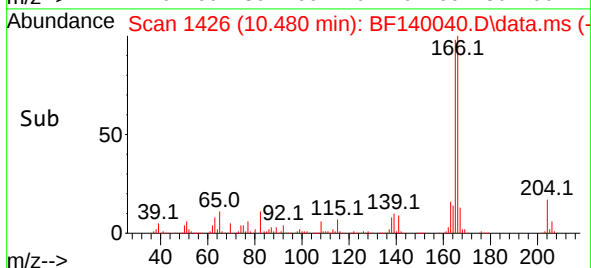
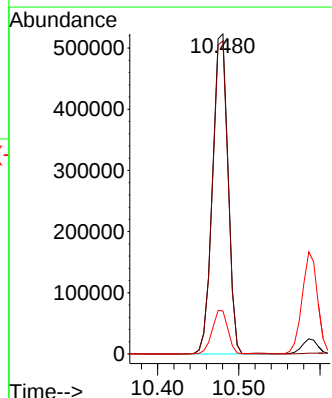
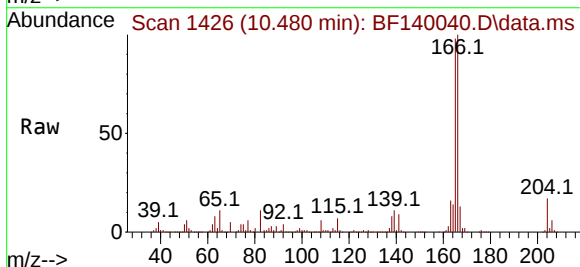
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

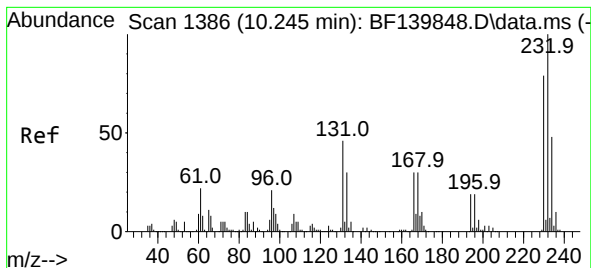
Tgt Ion:165 Resp: 239520
Ion Ratio Lower Upper
165 100
63 49.5 40.1 60.1
89 72.7 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 54.400 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:166 Resp: 692718
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.5 10.9 16.3

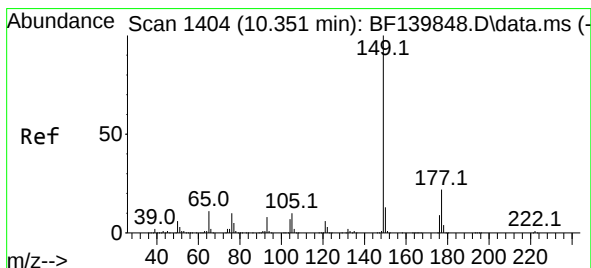
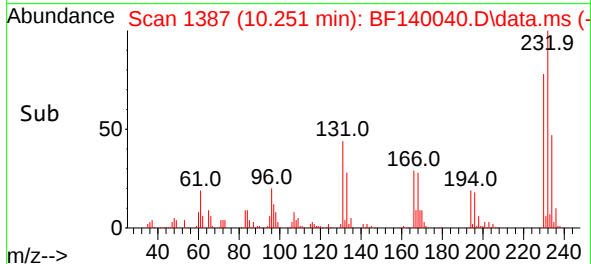
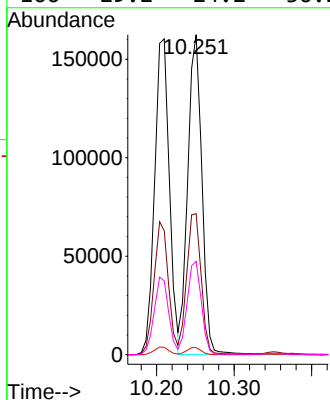
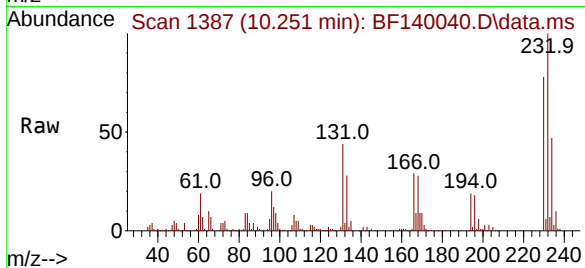




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.750 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

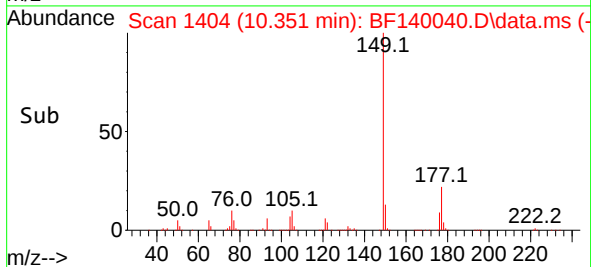
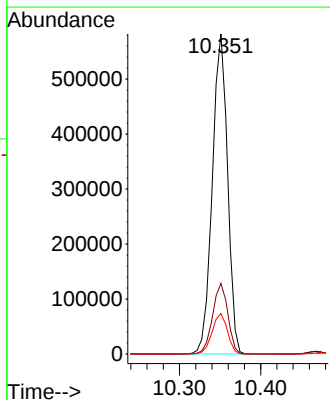
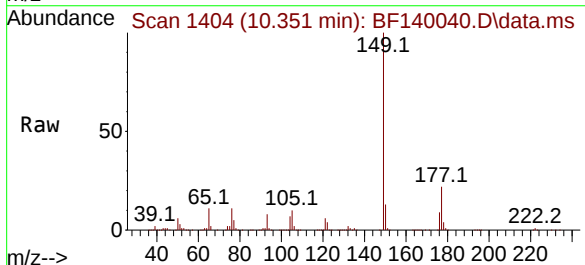
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

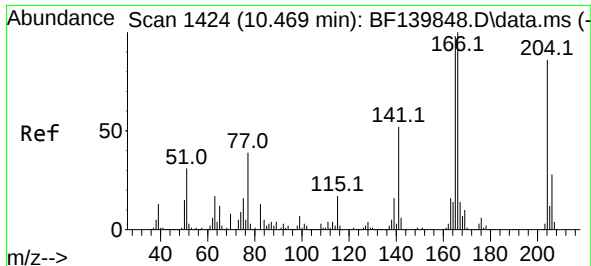
Tgt Ion:232 Resp: 205122
Ion Ratio Lower Upper
232 100
131 45.5 37.0 55.6
130 2.3 1.9 2.9
166 29.2 24.2 36.2



#60
Diethylphthalate
Concen: 55.777 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:149 Resp: 758046
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1

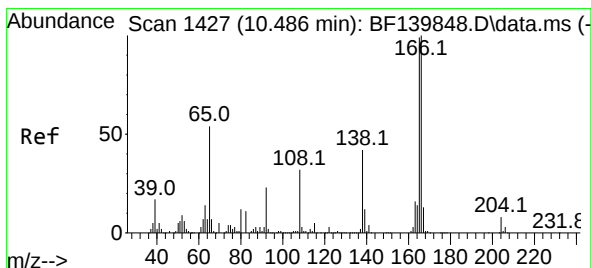
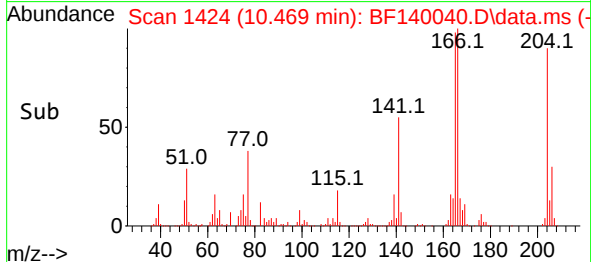
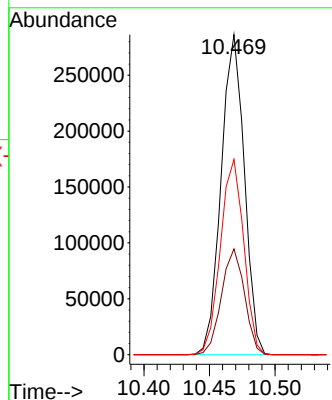
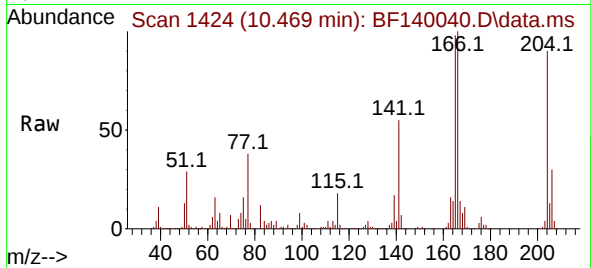




#61
4-Chlorophenyl-phenylether
Concen: 54.673 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

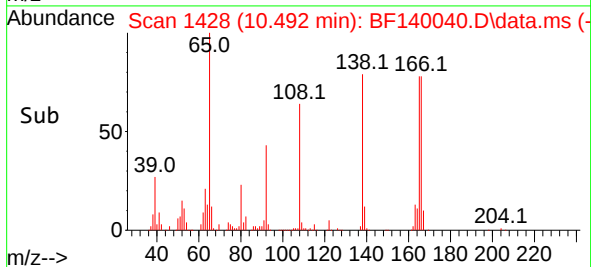
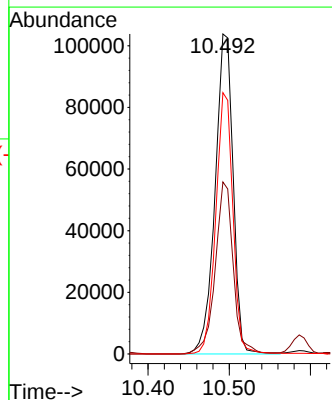
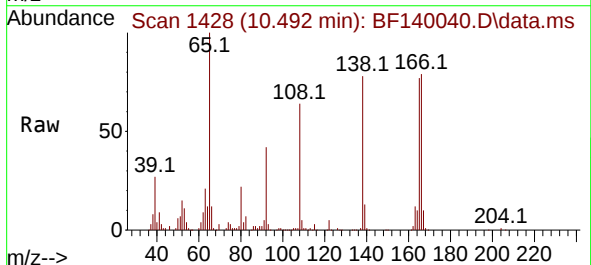
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

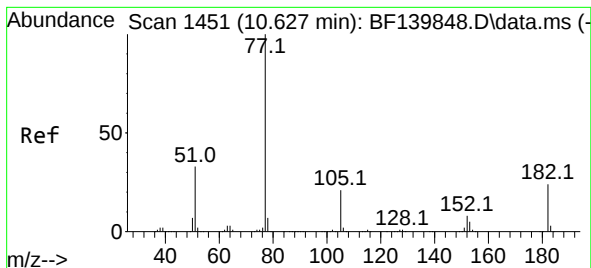
Tgt Ion:204 Resp: 351581
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 61.0 48.6 73.0



#62
4-Nitroaniline
Concen: 54.997 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:138 Resp: 160537
Ion Ratio Lower Upper
138 100
92 53.7 35.7 75.7
108 81.7 57.5 97.5





#63

Azobenzene

Concen: 52.655 ng

RT: 10.627 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

Tgt Ion: 77 Resp: 758666

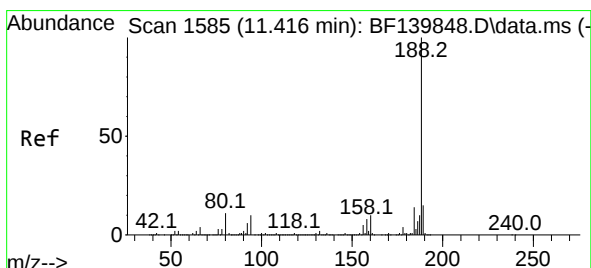
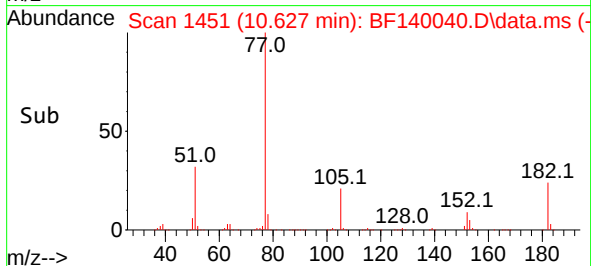
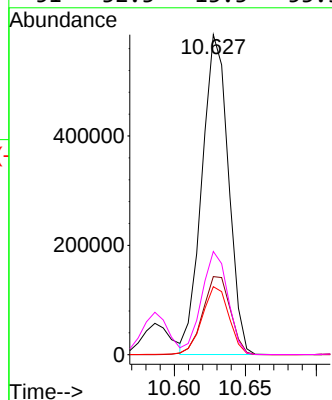
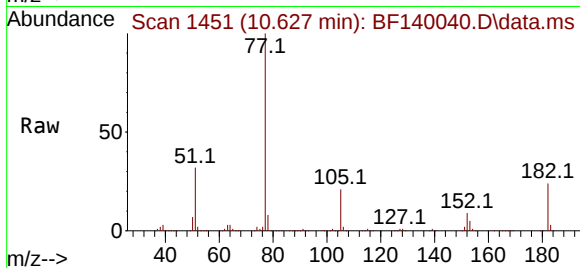
Ion Ratio Lower Upper

77 100

182 24.4 3.3 43.3

105 21.3 1.2 41.2

51 32.3 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: BF140040.D

Acq: 25 Oct 2024 16:29

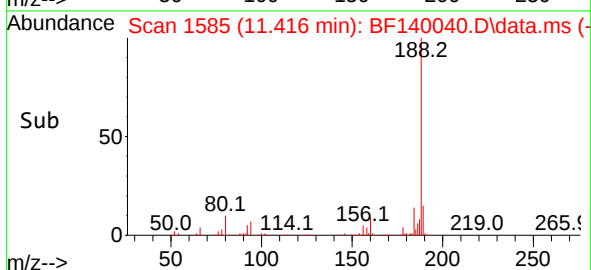
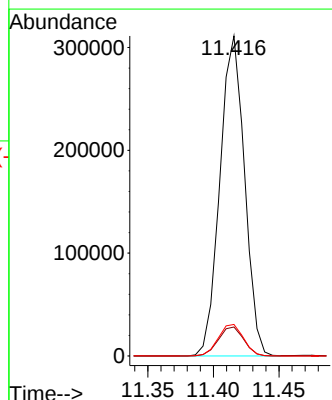
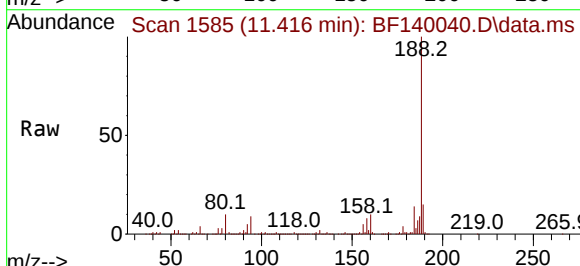
Tgt Ion:188 Resp: 406780

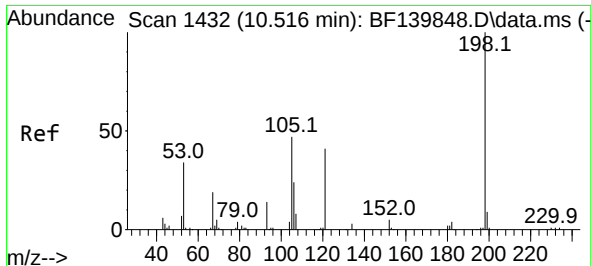
Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 9.8 9.0 13.4

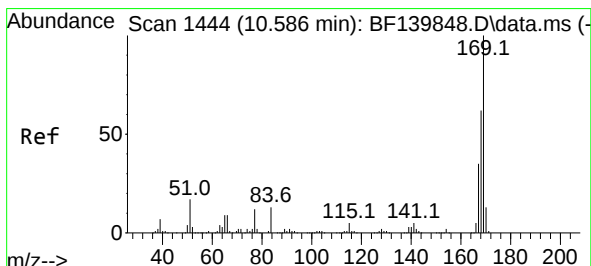
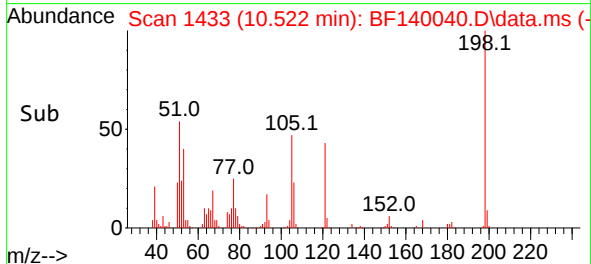
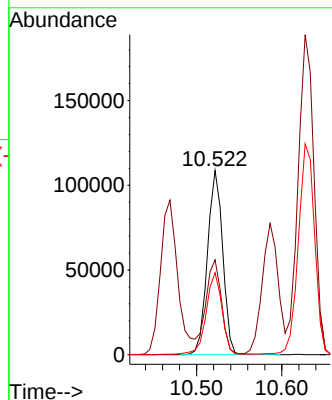
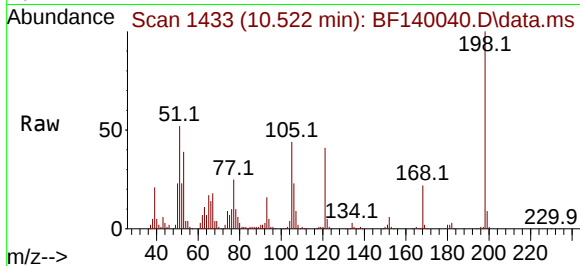




#65
4,6-Dinitro-2-methylphenol
Concen: 81.609 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

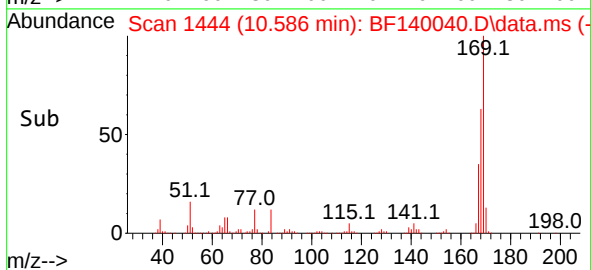
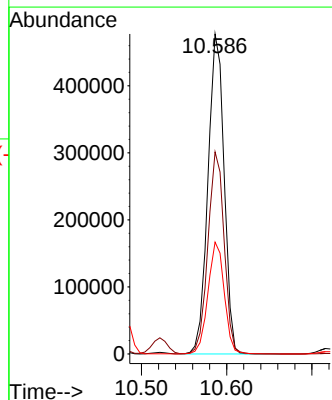
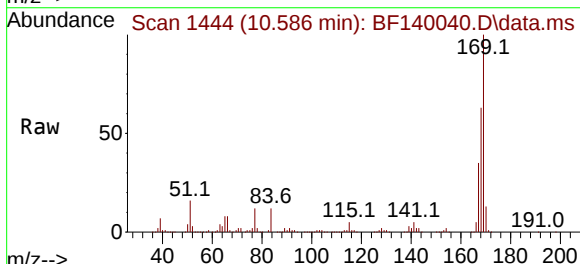
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

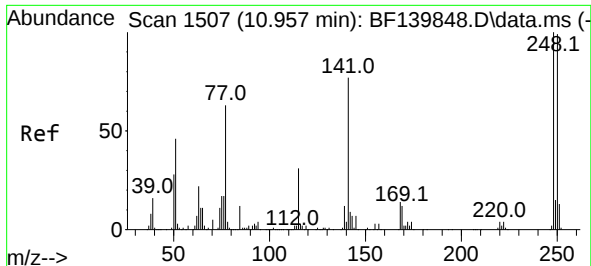
Tgt Ion:198 Resp: 135409
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 44.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 51.570 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:169 Resp: 627851
Ion Ratio Lower Upper
169 100
168 63.2 49.8 74.6
167 35.0 28.0 42.0

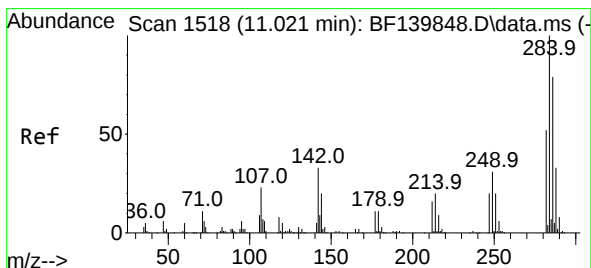
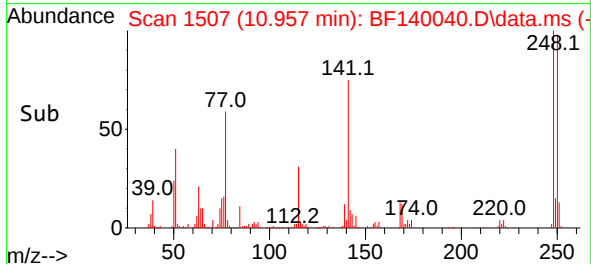
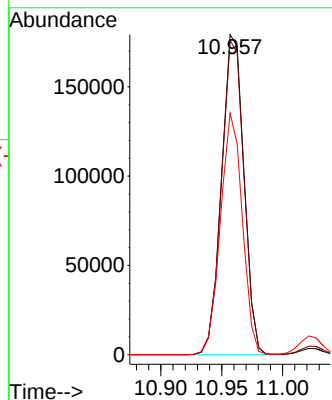
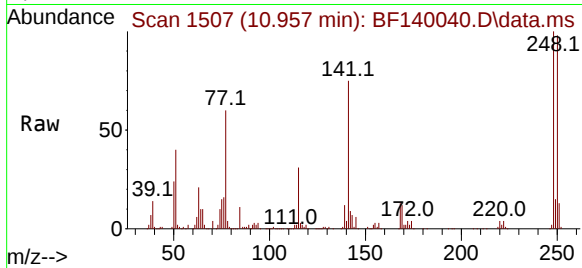




#67
4-Bromophenyl-phenylether
Concen: 54.876 ng
RT: 10.957 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

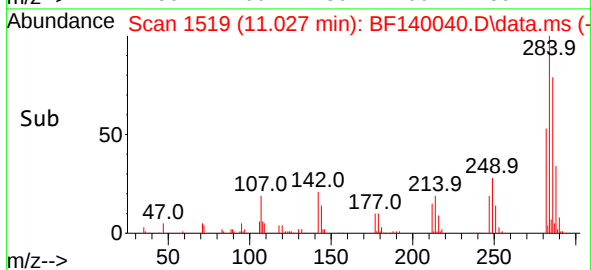
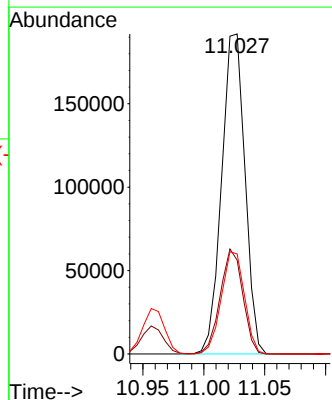
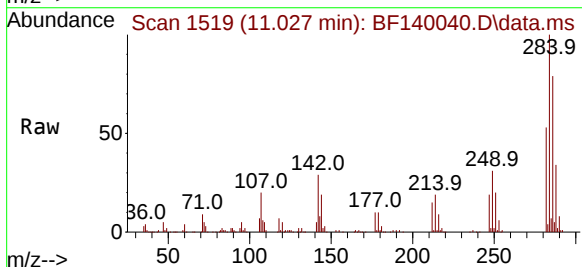
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

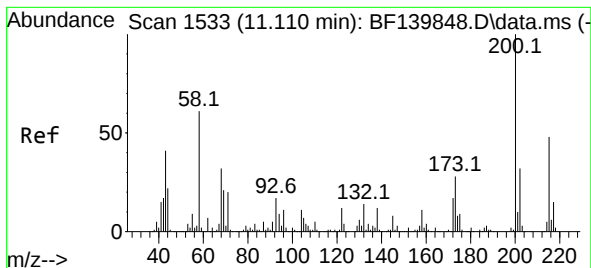
Tgt Ion:248 Resp: 229965
Ion Ratio Lower Upper
248 100
250 98.1 79.0 118.6
141 75.4 61.7 92.5



#68
Hexachlorobenzene
Concen: 54.240 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:284 Resp: 255635
Ion Ratio Lower Upper
284 100
142 29.3 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 42.301 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

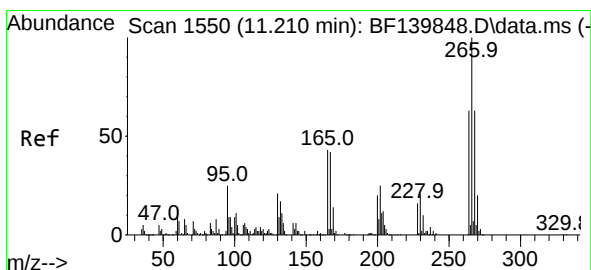
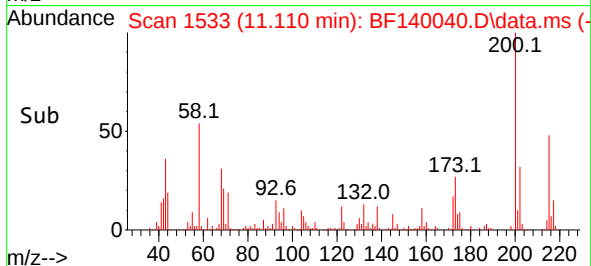
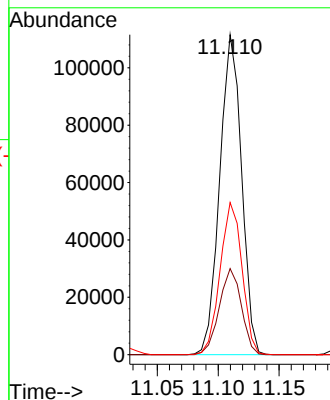
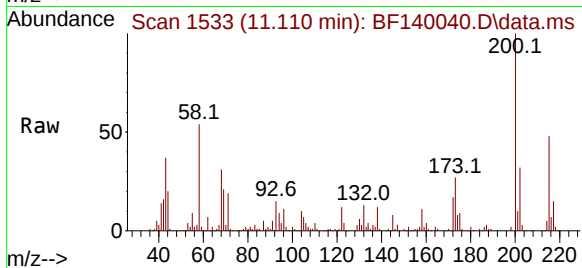
Tgt Ion:200 Resp: 139509

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.5 27.7 67.7



#70

Pentachlorophenol

Concen: 113.273 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

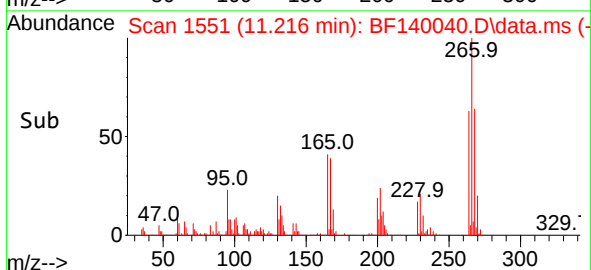
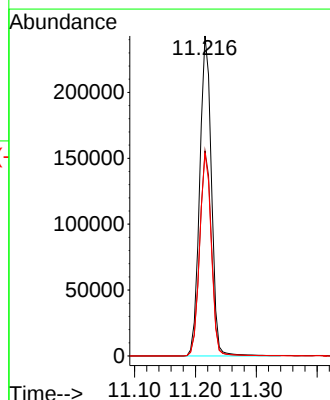
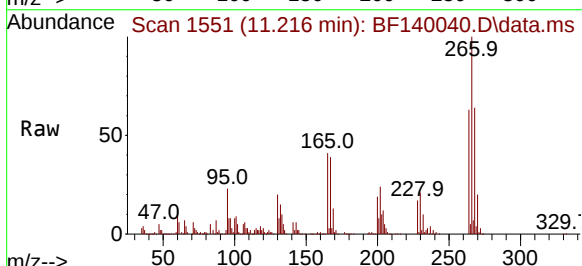
Tgt Ion:266 Resp: 324003

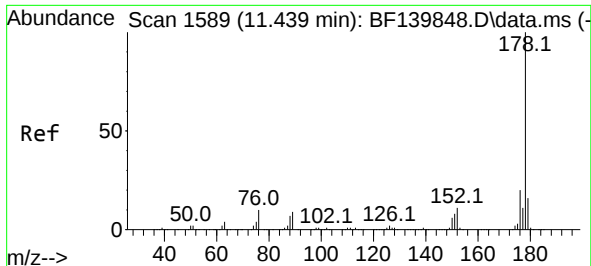
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

264 63.3 50.6 75.8





#71

Phenanthrene

Concen: 53.927 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

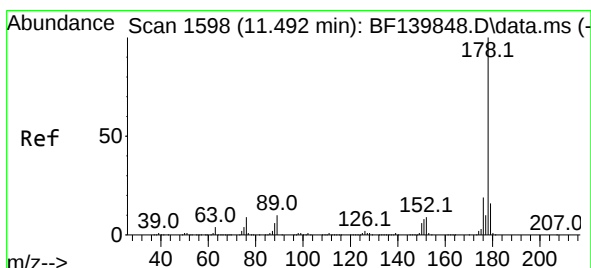
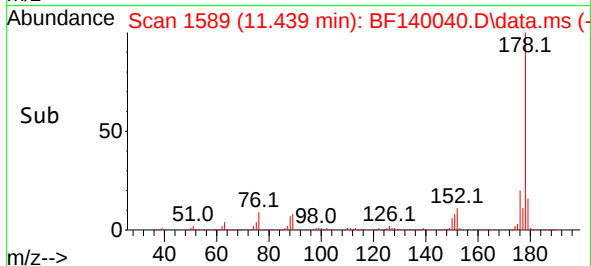
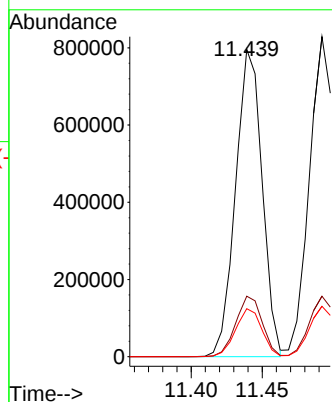
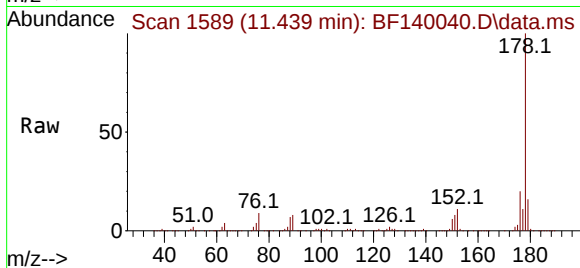
Tgt Ion:178 Resp: 1036190

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 56.194 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

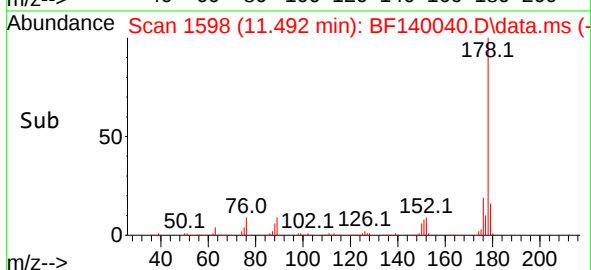
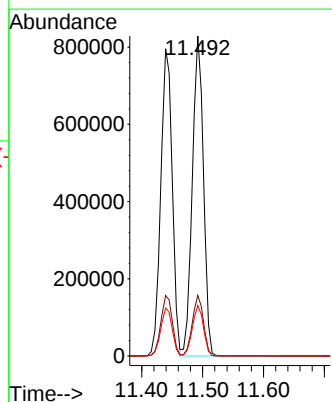
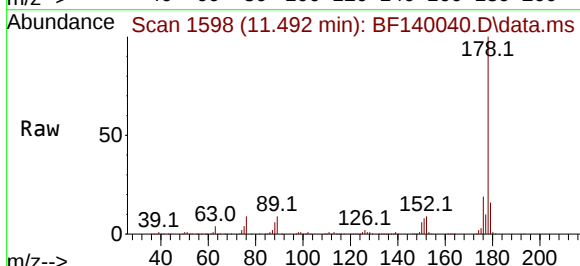
Tgt Ion:178 Resp: 1053485

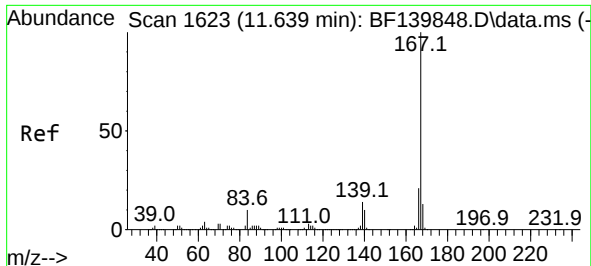
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.7 12.4 18.6

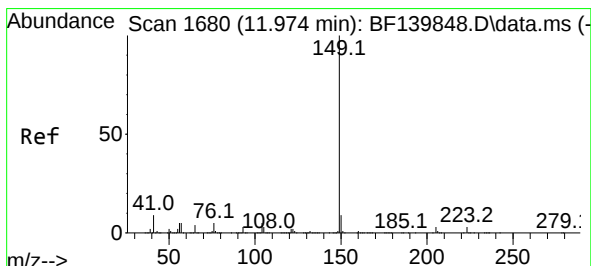
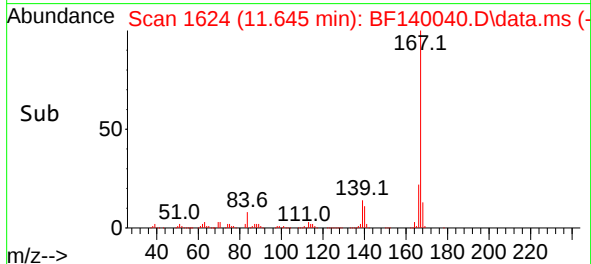
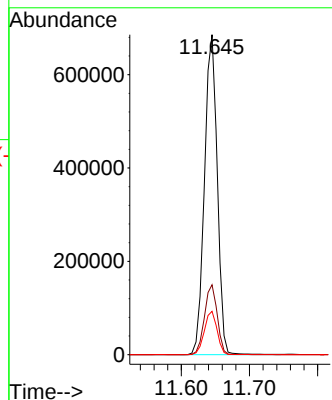
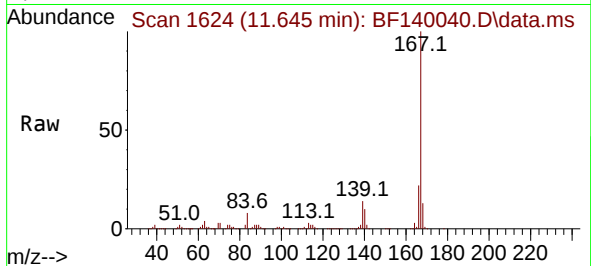




#73
Carbazole
Concen: 51.349 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

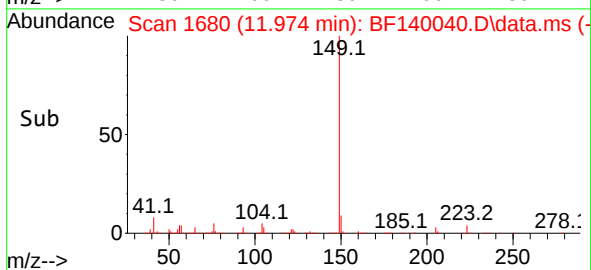
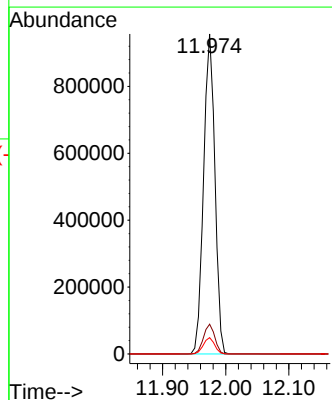
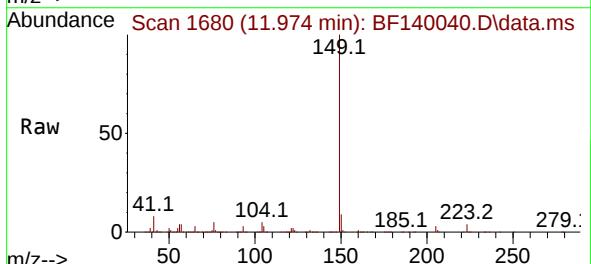
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

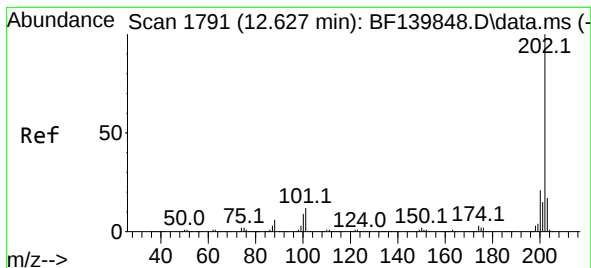
Tgt Ion:167 Resp: 895296
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.6 10.8 16.2



#74
Di-n-butylphthalate
Concen: 58.913 ng
RT: 11.974 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:149 Resp: 1186740
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 53.370 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

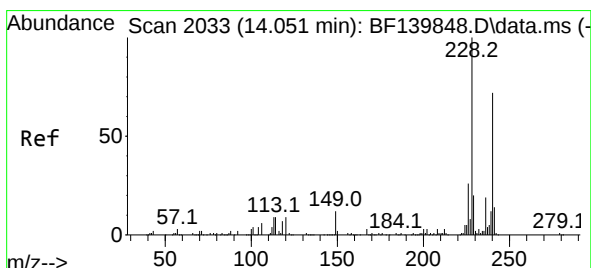
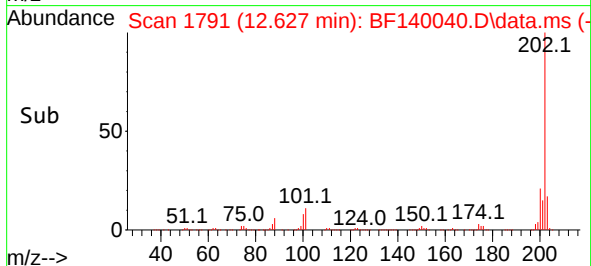
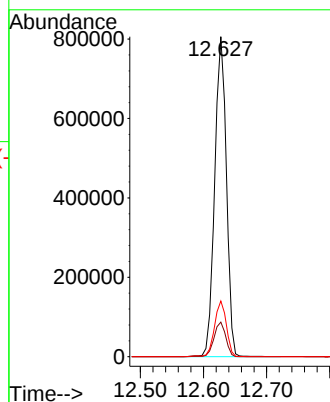
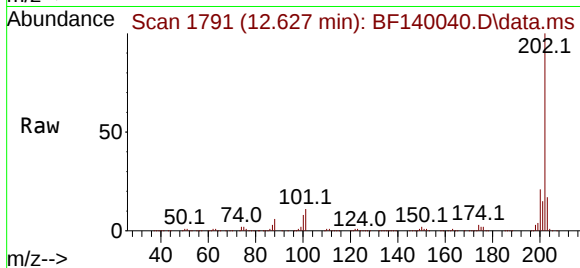
Tgt Ion:202 Resp: 1036682

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.9

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

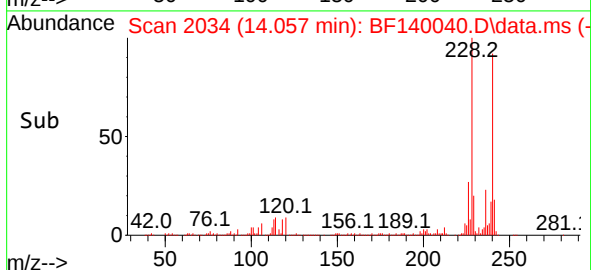
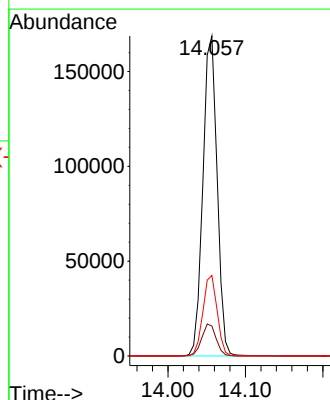
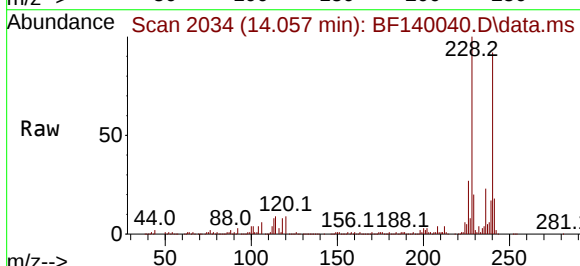
Tgt Ion:240 Resp: 215360

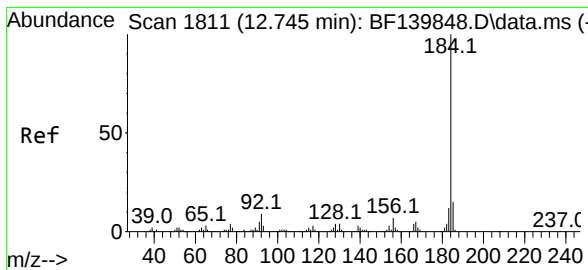
Ion Ratio Lower Upper

240 100

120 9.3 9.4 14.2#

236 25.1 20.9 31.3

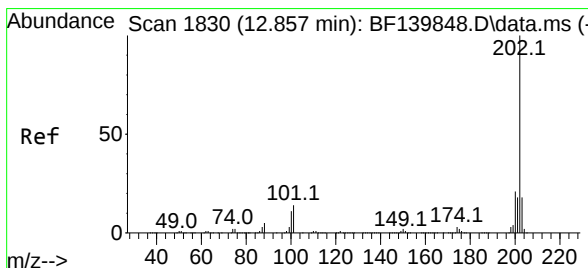
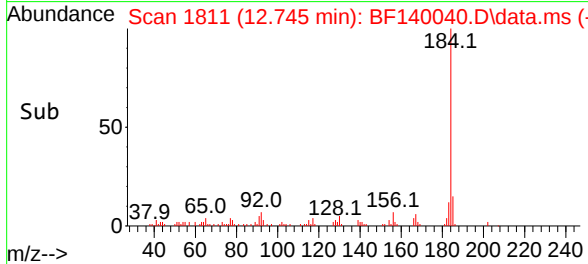
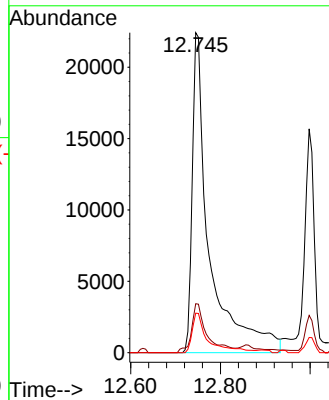
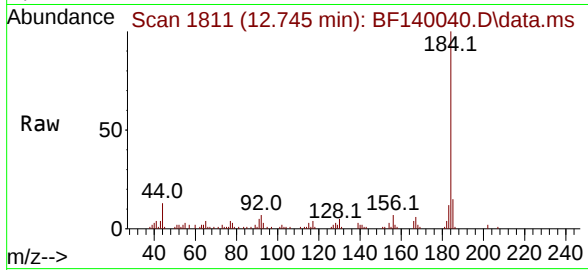




#77
Benzidine
Concen: 16.873 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

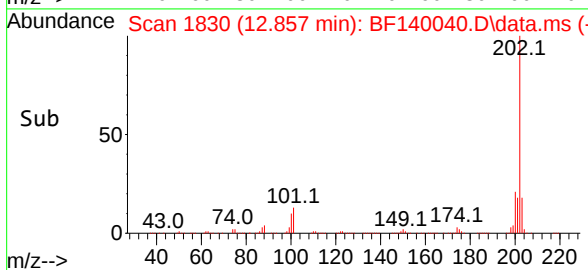
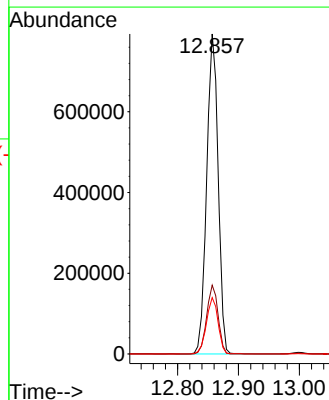
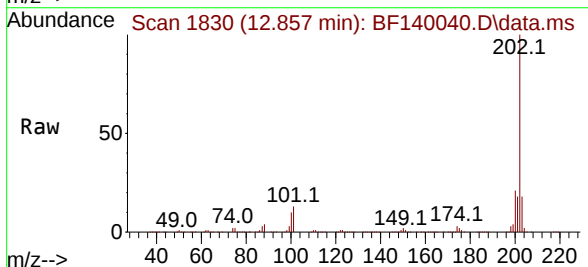
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

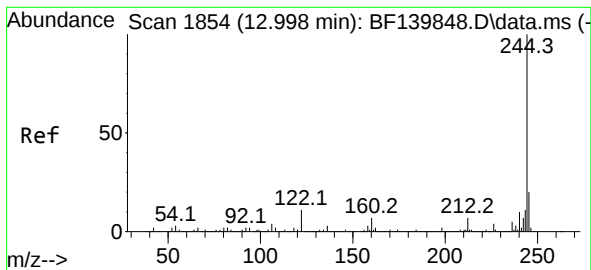
Tgt Ion:184 Resp: 59750
Ion Ratio Lower Upper
184 100
185 15.3 12.0 18.0
183 12.3 9.4 14.2



#78
Pyrene
Concen: 54.965 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:202 Resp: 1036157
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 115.791 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

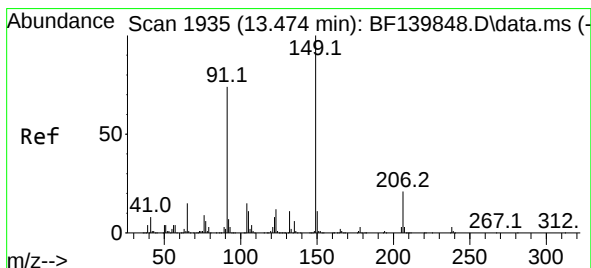
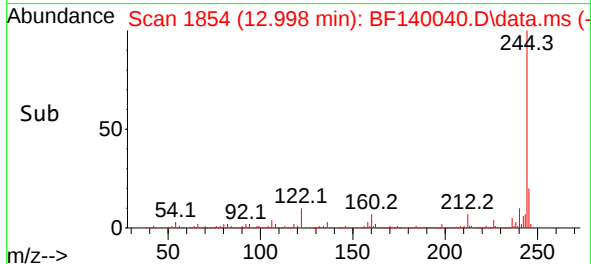
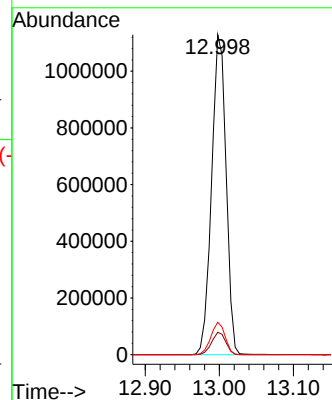
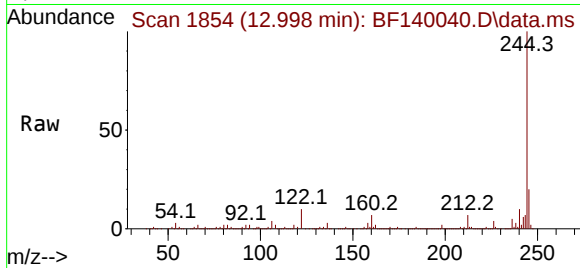
Tgt Ion:244 Resp: 1530355

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.2 8.6 13.0



#80

Butylbenzylphthalate

Concen: 70.169 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

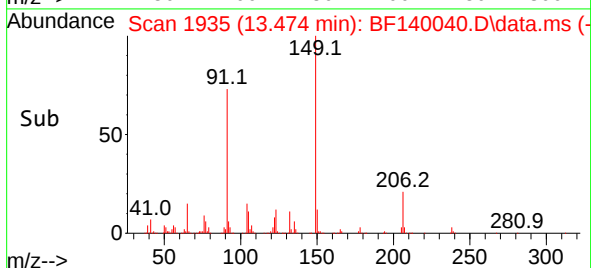
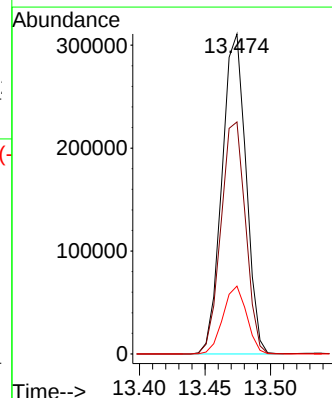
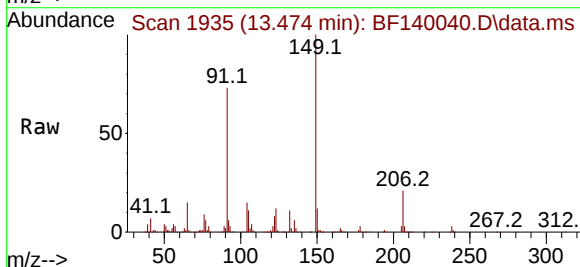
Tgt Ion:149 Resp: 396566

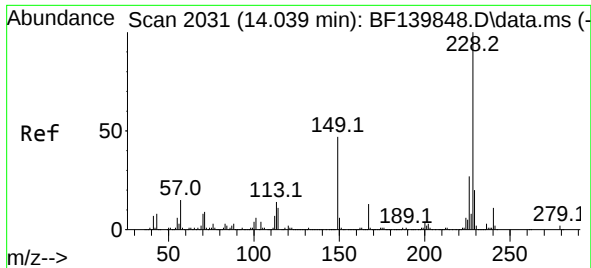
Ion Ratio Lower Upper

149 100

91 72.5 59.4 89.2

206 21.2 16.4 24.6

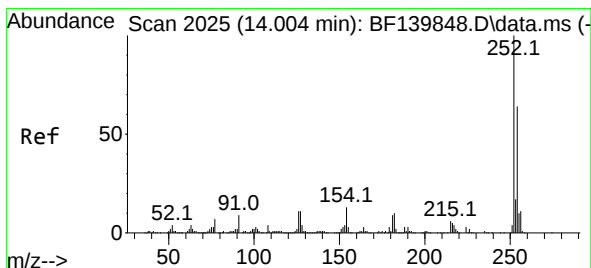
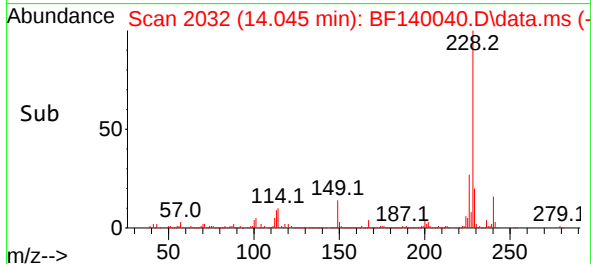
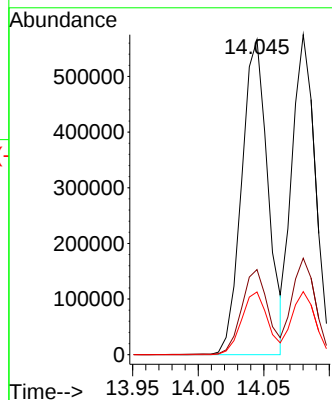
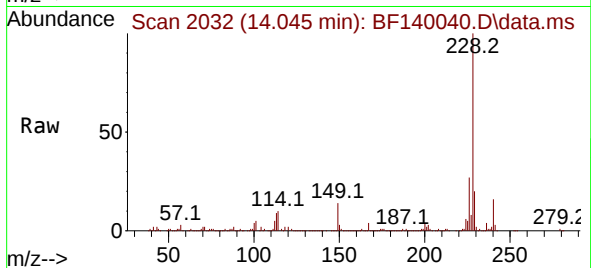




#81
Benzo(a)anthracene
Concen: 56.533 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

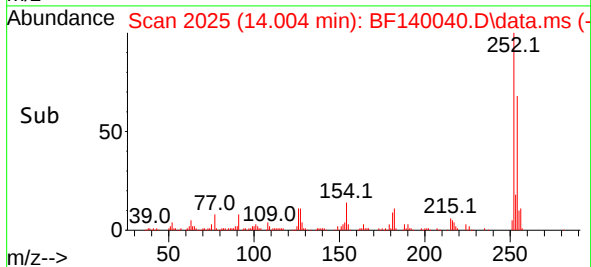
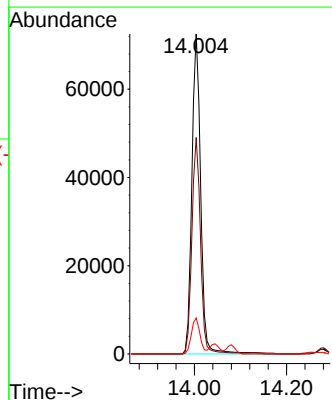
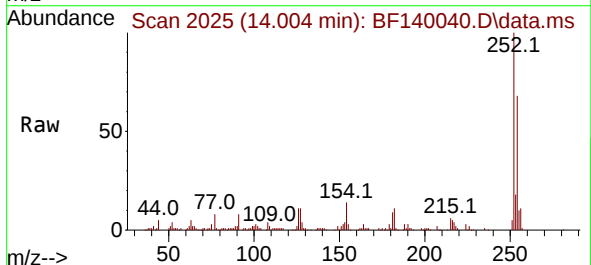
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:228 Resp: 792552
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 23.518 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:252 Resp: 96132
Ion Ratio Lower Upper
252 100
254 67.7 50.8 76.2
126 11.2 8.9 13.3





#83

Chrysene

Concen: 55.056 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

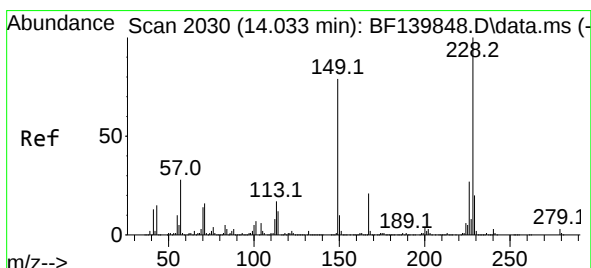
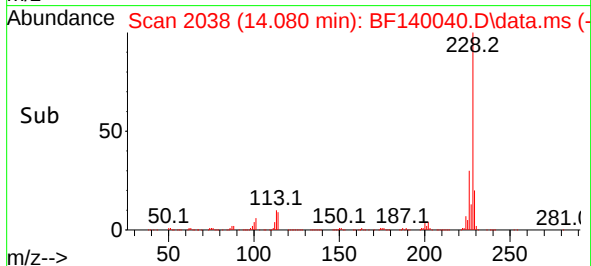
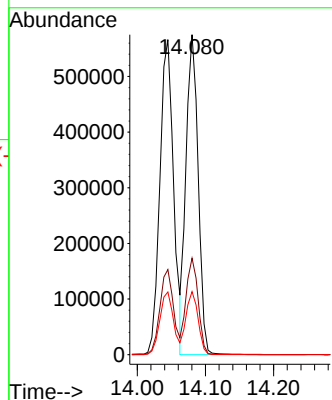
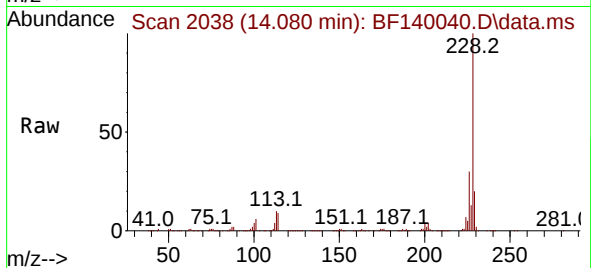
Tgt Ion:228 Resp: 707693

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.928 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

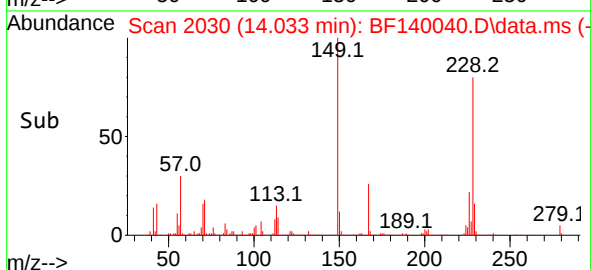
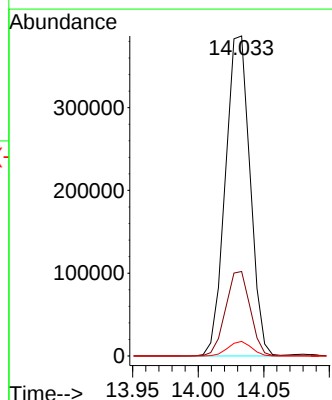
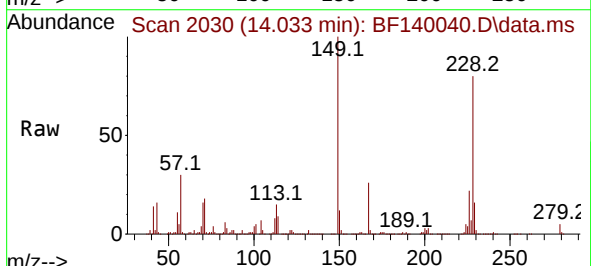
Tgt Ion:149 Resp: 506808

Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 68.189 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

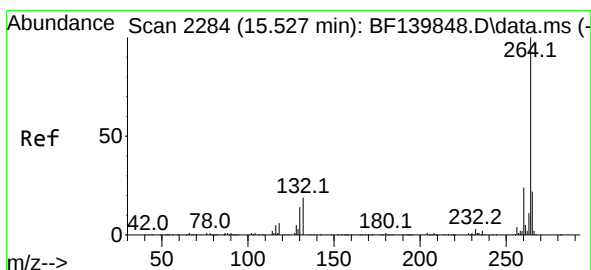
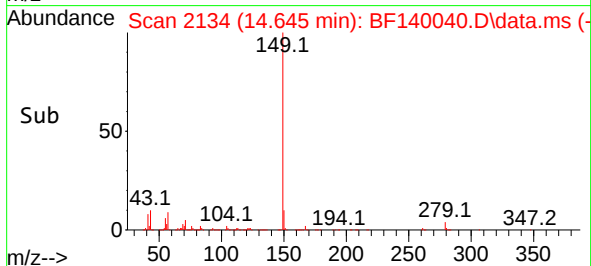
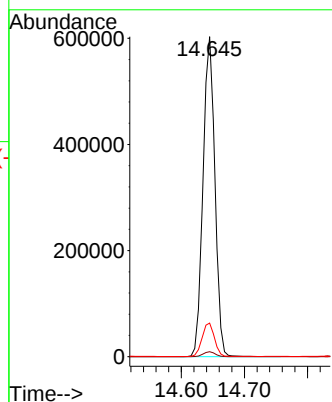
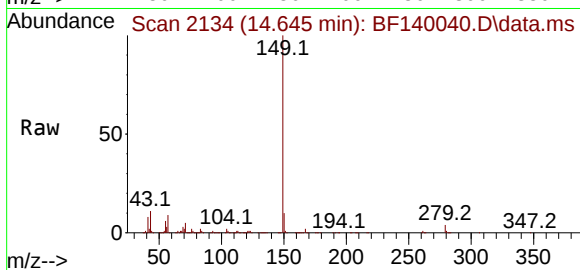
Tgt Ion:149 Resp: 786434

Ion Ratio Lower Upper

149 100

167 1.6 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: BF140040.D

Acq: 25 Oct 2024 16:29

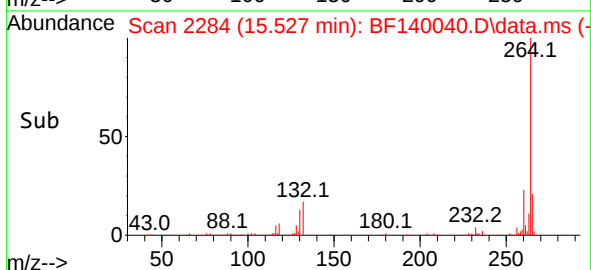
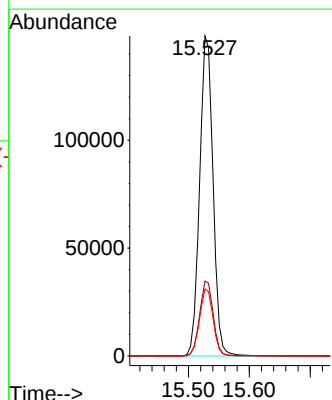
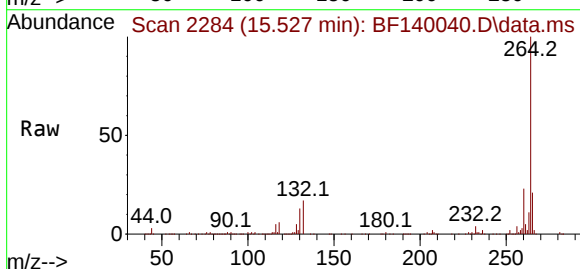
Tgt Ion:264 Resp: 226810

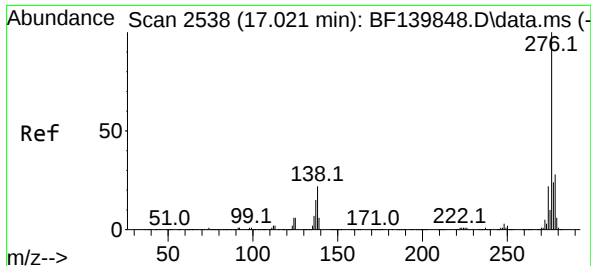
Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.0 17.4 26.0

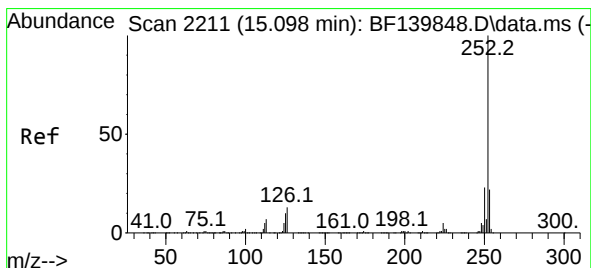
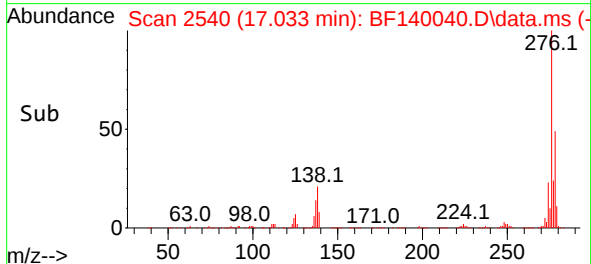
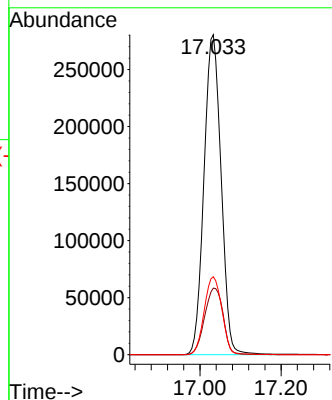
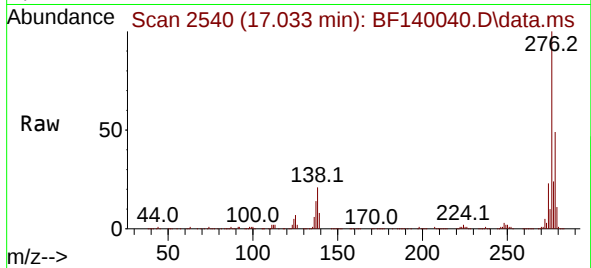




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.228 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

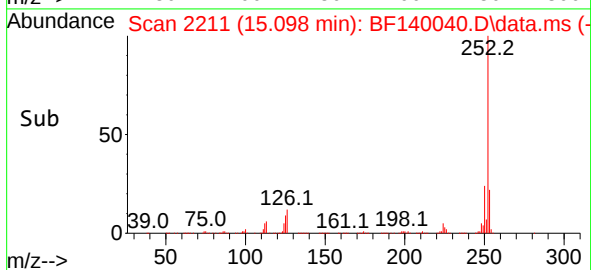
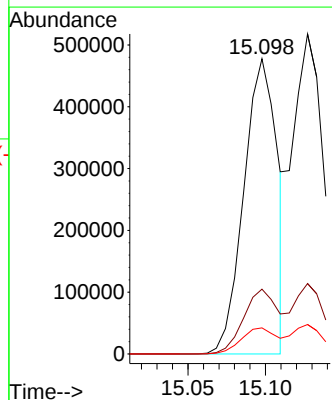
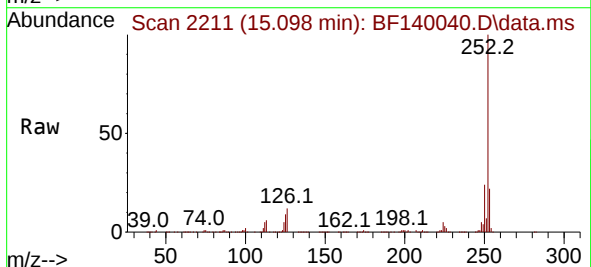
Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

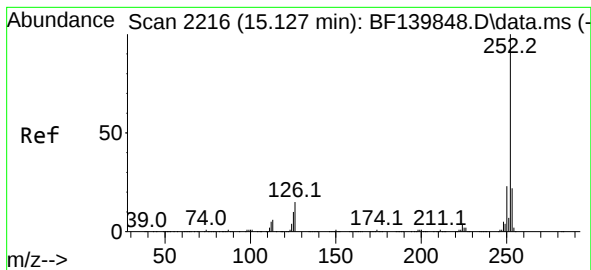
Tgt Ion:276 Resp: 820439
Ion Ratio Lower Upper
276 100
138 22.6 20.4 30.6
277 25.1 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 51.868 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:252 Resp: 716626
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 8.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 61.456 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

Instrument :

BNA_F

ClientSampleId :

BP-B5MSD

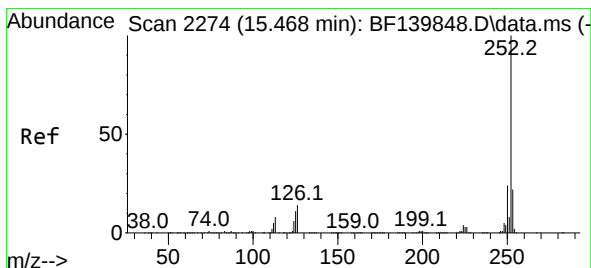
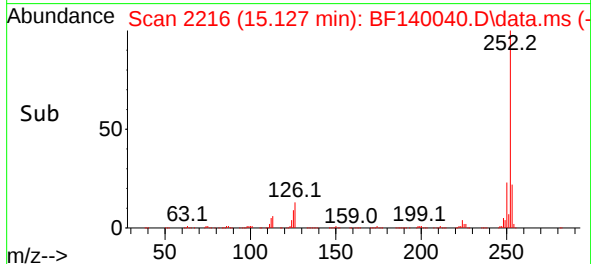
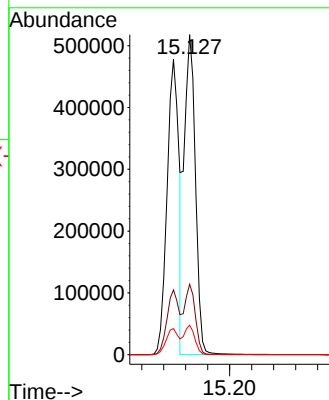
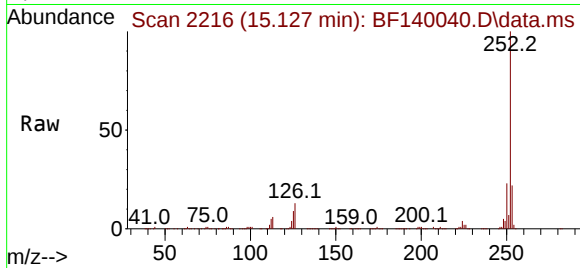
Tgt Ion:252 Resp: 732276

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.2 7.9 11.9



#90

Benzo(a)pyrene

Concen: 61.169 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140040.D

Acq: 25 Oct 2024 16:29

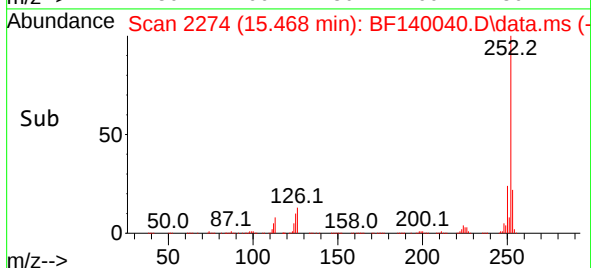
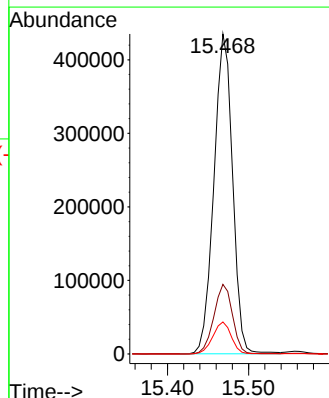
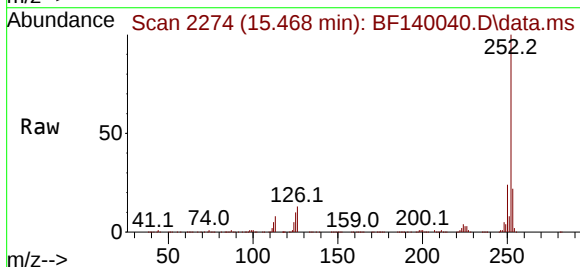
Tgt Ion:252 Resp: 695400

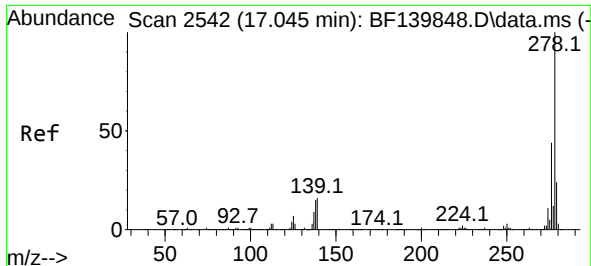
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.0 8.7 13.1

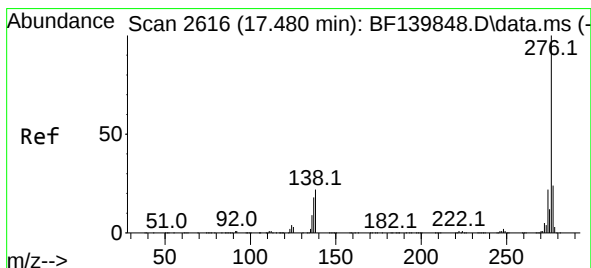
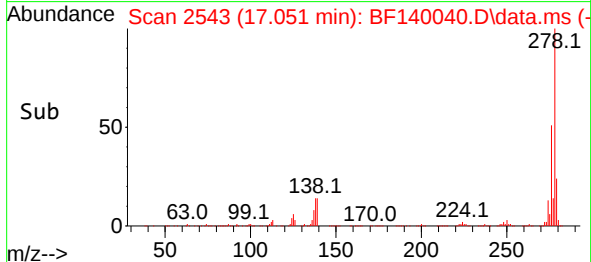
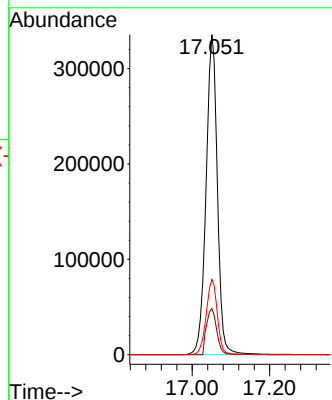
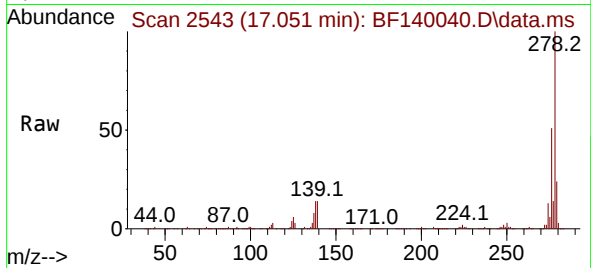




#91
Dibenzo(a,h)anthracene
Concen: 55.953 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Instrument :
BNA_F
ClientSampleId :
BP-B5MSD

Tgt Ion:278 Resp: 681083
Ion Ratio Lower Upper
278 100
139 14.4 13.1 19.7
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.404 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140040.D
Acq: 25 Oct 2024 16:29

Tgt Ion:276 Resp: 588522
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 19.5 17.4 26.0

