

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139039.D
 Acq On : 15 Aug 2024 23:47
 Operator : RC/JU
 Sample : P3573-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924MSD

Quant Time: Aug 16 00:49:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	39294	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	163267	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89298	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	143290	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	73082	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	76023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	251354	98.744	ng	0.00
7) Phenol-d6	6.487	99	336661	98.507	ng	0.00
23) Nitrobenzene-d5	7.404	82	218281	65.366	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	69004	94.336	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	382576	64.371	ng	-0.02
79) Terphenyl-d14	12.933	244	296202	67.858	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	50239	45.080	ng	95
3) Pyridine	3.422	79	128378	47.553	ng	94
4) n-Nitrosodimethylamine	3.393	42	98363	61.176	ng	82
6) Aniline	6.504	93	164290	53.903	ng	# 60
8) 2-Chlorophenol	6.628	128	146913	54.856	ng	98
9) Benzaldehyde	6.393	77	109807	53.598	ng	97
10) Phenol	6.498	94	194252	53.984	ng	# 76
11) bis(2-Chloroethyl)ether	6.575	93	137100	49.512	ng	99
12) 1,3-Dichlorobenzene	6.775	146	153279	51.129	ng	98
13) 1,4-Dichlorobenzene	6.851	146	158574	52.414	ng	99
14) 1,2-Dichlorobenzene	7.004	146	147964	52.331	ng	99
15) Benzyl Alcohol	6.987	79	146125	59.322	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	245364	51.488	ng	# 39
17) 2-Methylphenol	7.104	107	117656	53.202	ng	# 87
18) Hexachloroethane	7.340	117	61242	53.776	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	116345	56.364	ng	97
20) 3+4-Methylphenols	7.257	107	154629	54.496	ng	# 84
22) Acetophenone	7.251	105	215846	53.994	ng	99
24) Nitrobenzene	7.422	77	173965	51.195	ng	99
25) Isophorone	7.663	82	302179	52.994	ng	98
26) 2-Nitrophenol	7.740	139	76274	52.173	ng	90
27) 2,4-Dimethylphenol	7.781	122	110528	63.189	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	172434	49.658	ng	98
29) 2,4-Dichlorophenol	7.987	162	120589	53.650	ng	98
30) 1,2,4-Trichlorobenzene	8.057	180	128127	49.396	ng	99
31) Naphthalene	8.140	128	440995	51.315	ng	100
32) Benzoic acid	7.934	122	50231	36.532	ng	92
33) 4-Chloroaniline	8.192	127	90190	31.264	ng	96
34) Hexachlorobutadiene	8.245	225	81572	51.920	ng	97
35) Caprolactam	8.575	113	24288	36.214	ng	90
36) 4-Chloro-3-methylphenol	8.687	107	138794	54.031	ng	98
37) 2-Methylnaphthalene	8.828	142	284386	52.397	ng	98
38) 1-Methylnaphthalene	8.928	142	262690	49.392	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	128058	51.624	ng	98
41) Hexachlorocyclopentadiene	8.975	237	80577	119.003	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	75410	49.860	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	81034	49.010	ng	97
46) 1,1'-Biphenyl	9.292	154	358638	51.280	ng	99
47) 2-Chloronaphthalene	9.316	162	262748	50.515	ng	99
48) 2-Nitroaniline	9.422	65	98957	56.119	ng	94
49) Acenaphthylene	9.733	152	404292	54.803	ng	99
50) Dimethylphthalate	9.592	163	317510	55.608	ng	100
51) 2,6-Dinitrotoluene	9.663	165	68933	53.494	ng	# 84
52) Acenaphthene	9.904	154	259051	52.238	ng	99
53) 3-Nitroaniline	9.839	138	50642	38.016	ng	96
54) 2,4-Dinitrophenol	9.957	184	56124	94.615	ng	# 84
55) Dibenzofuran	10.075	168	374298	53.469	ng	97
56) 4-Nitrophenol	10.022	139	61786	77.129	ng	83
57) 2,4-Dinitrotoluene	10.075	165	91302	55.535	ng	# 78
58) Fluorene	10.422	166	300013	53.818	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	60859	48.145	ng	93
60) Diethylphthalate	10.292	149	308006	56.892	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	145982	53.246	ng	97
62) 4-Nitroaniline	10.457	138	60082	47.460	ng	86
63) Azobenzene	10.569	77	323287	53.840	ng	96
65) 4,6-Dinitro-2-methylph...	10.486	198	43991	50.322	ng	93
66) n-Nitrosodiphenylamine	10.528	169	255508	57.047	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	82017	52.867	ng	97
68) Hexachlorobenzene	10.969	284	85108	53.132	ng	97
69) Atrazine	11.057	200	83094	71.907	ng	99
70) Pentachlorophenol	11.175	266	50733	70.267	ng	99
71) Phenanthrene	11.380	178	406658	55.115	ng	100
72) Anthracene	11.433	178	407318	56.038	ng	99
73) Carbazole	11.592	167	323331	51.560	ng	98
74) Di-n-butylphthalate	11.910	149	437421	62.049	ng	99
75) Fluoranthene	12.569	202	339723	49.320	ng	98
77) Benzidine	12.698	184	107255	61.359	ng	100
78) Pyrene	12.798	202	335144	48.706	ng	100
80) Butylbenzylphthalate	13.410	149	133815	60.730	ng	97
81) Benzo(a)anthracene	13.986	228	279699	55.578	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	70169	54.485	ng	99
83) Chrysene	14.027	228	231355	50.955	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	177738	55.085	ng	100
85) Di-n-octyl phthalate	14.568	149	302017	50.591	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	195298	35.847	ng	96
88) Benzo(b)fluoranthene	15.039	252	265847	56.411	ng	97
89) Benzo(k)fluoranthene	15.063	252	241905	59.286	ng	98
90) Benzo(a)pyrene	15.404	252	233141	58.814	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	158502	35.442	ng	98
92) Benzo(g,h,i)perylene	17.380	276	138769	29.902	ng	96

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

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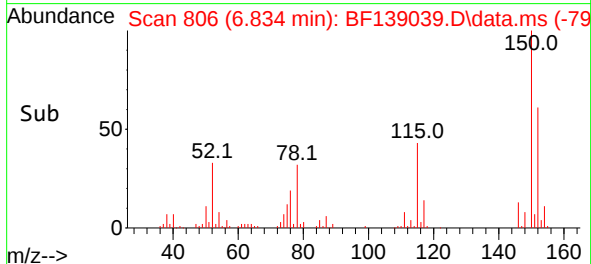
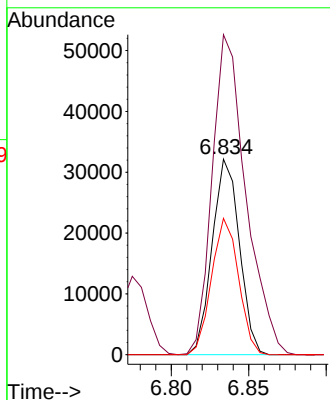
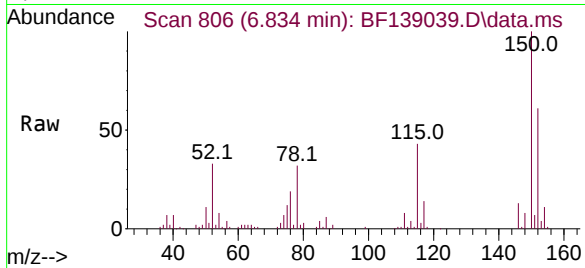




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BF139039.D
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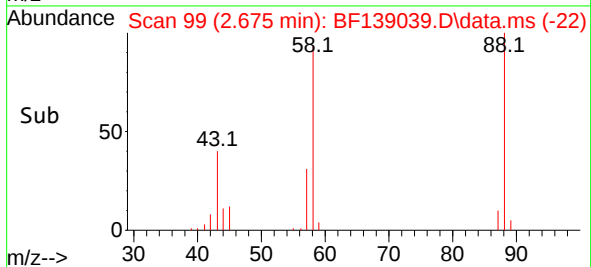
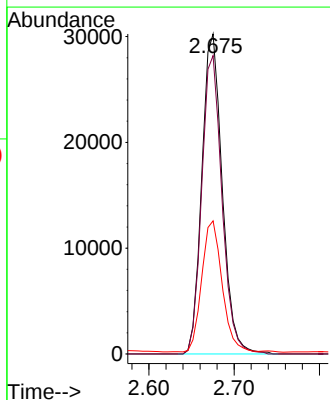
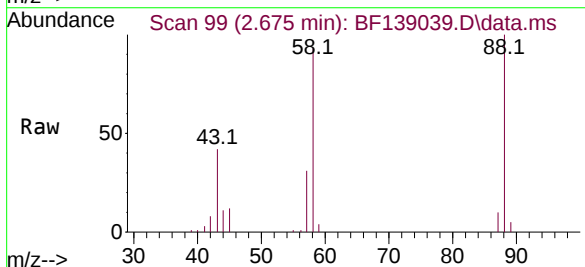
Instrument :
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Tgt Ion:152 Resp: 39294
 Ion Ratio Lower Upper
 152 100
 150 163.6 126.0 189.0
 115 69.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 45.080 ng
 RT: 2.675 min Scan# 99
 Delta R.T. 0.100 min
 Lab File: BF139039.D
 Acq: 15 Aug 2024 23:47

Tgt Ion: 88 Resp: 50239
 Ion Ratio Lower Upper
 88 100
 58 92.6 71.6 107.4
 43 40.8 28.7 43.1





#3

Pyridine

Concen: 47.553 ng

RT: 3.422 min Scan# 211

Delta R.T. 0.088 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

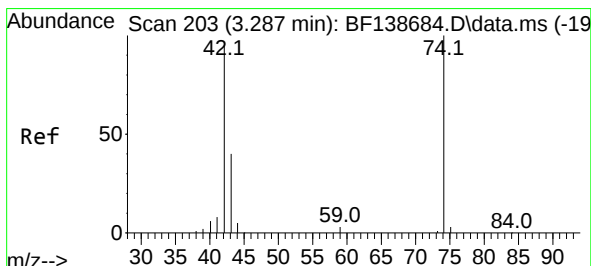
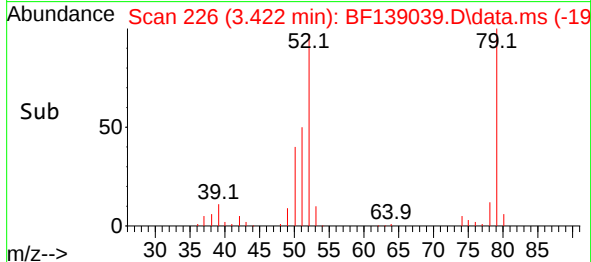
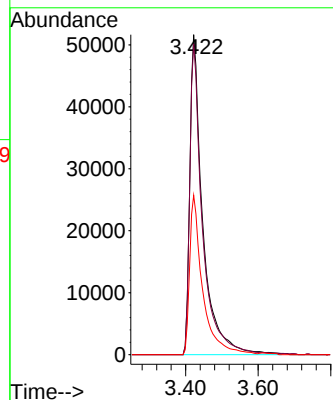
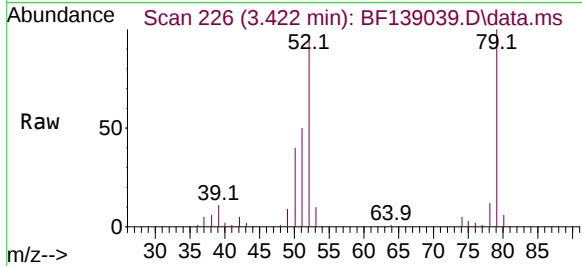
Tgt Ion: 79 Resp: 128378

Ion Ratio Lower Upper

79 100

52 97.2 74.7 112.1

51 49.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 61.176 ng

RT: 3.393 min Scan# 221

Delta R.T. 0.106 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

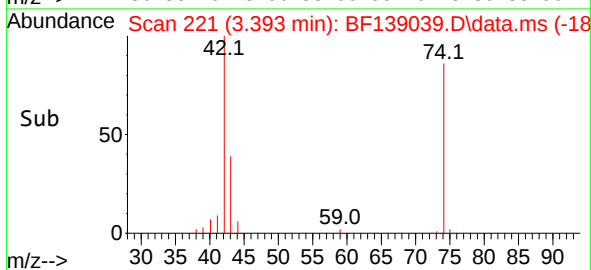
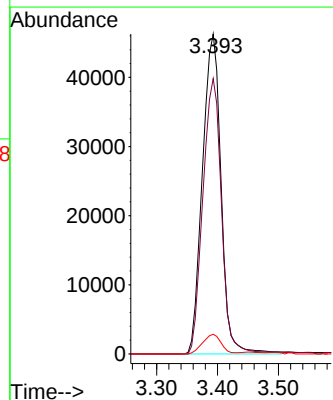
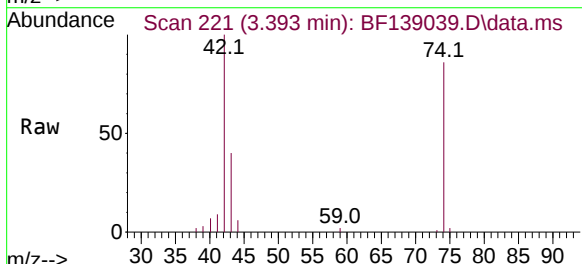
Tgt Ion: 42 Resp: 98363

Ion Ratio Lower Upper

42 100

74 86.1 84.2 126.4

44 6.1 4.9 7.3

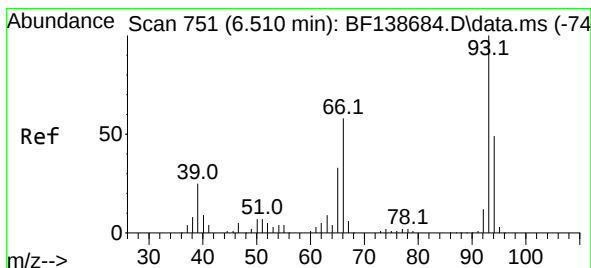
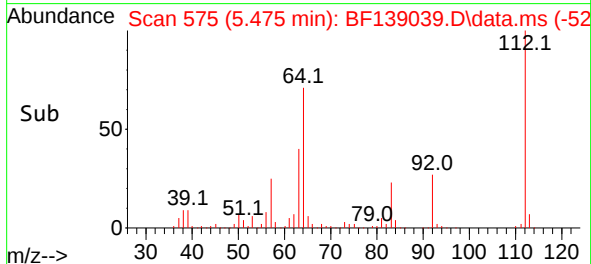
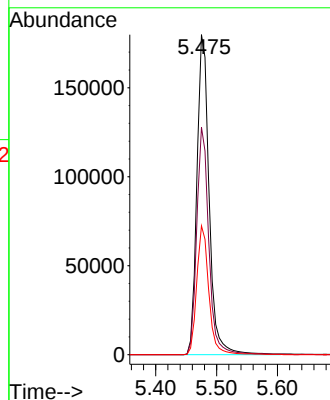
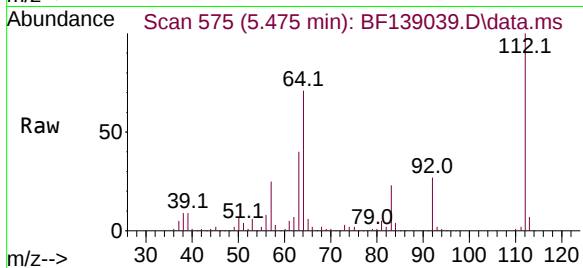




#5
2-Fluorophenol
Concen: 98.744 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

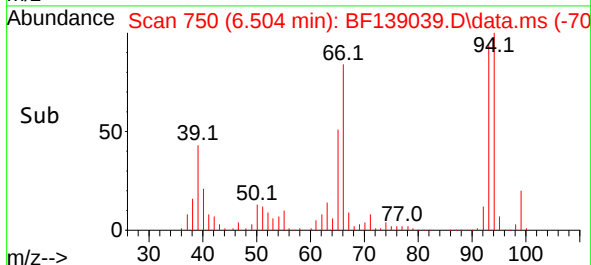
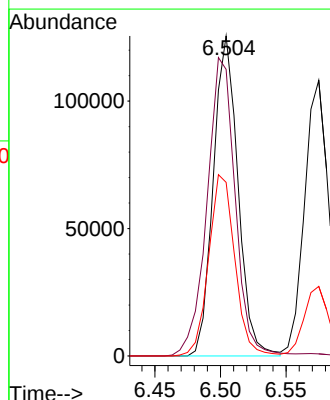
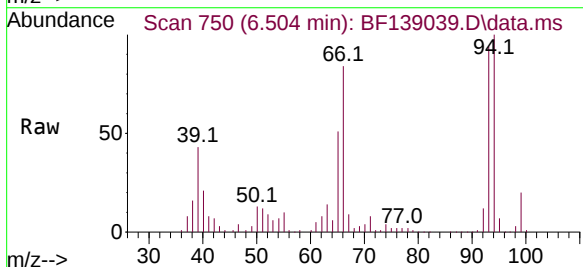
Instrument :
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Tgt Ion:112 Resp: 251354
Ion Ratio Lower Upper
112 100
64 71.0 54.2 81.4
63 40.2 28.7 43.1



#6
Aniline
Concen: 53.903 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion: 93 Resp: 164290
Ion Ratio Lower Upper
93 100
66 89.6 46.9 70.3#
65 54.3 26.5 39.7#

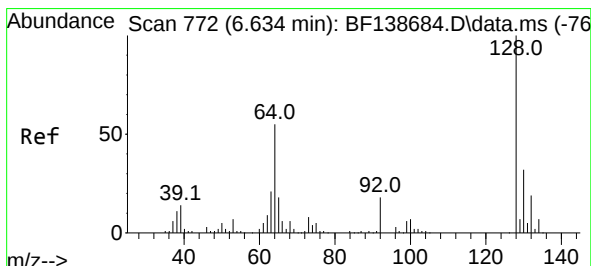
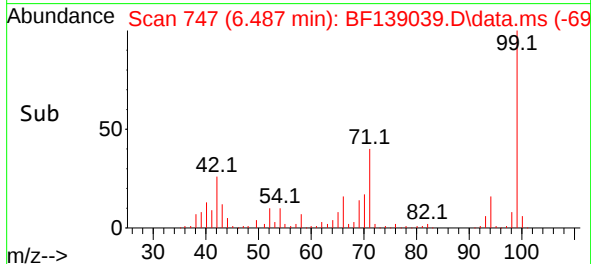
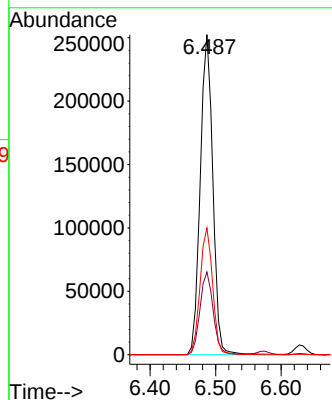
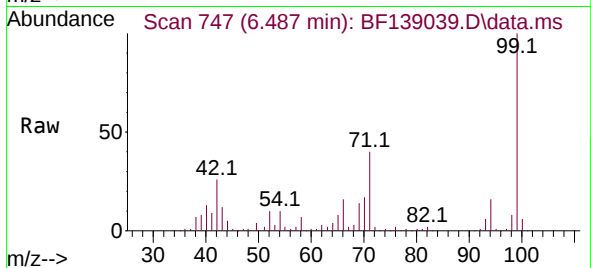




#7
Phenol-d6
Concen: 98.507 ng
RT: 6.487 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

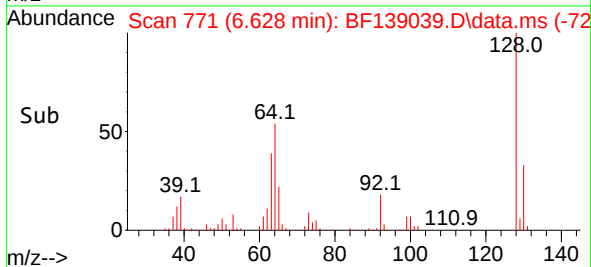
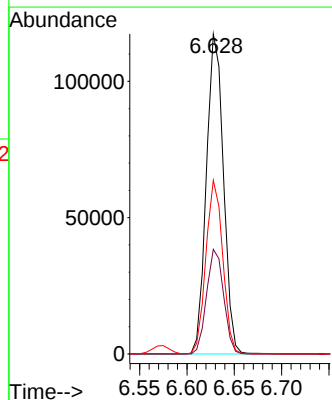
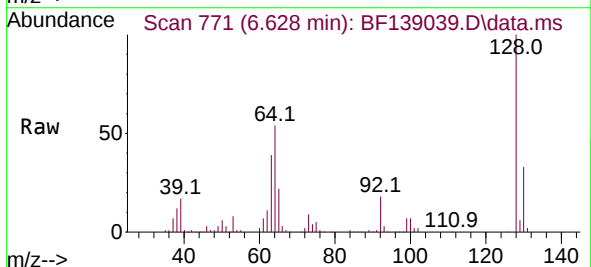
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 336661
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 39.6 28.1 42.1



#8
2-Chlorophenol
Concen: 54.856 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:128 Resp: 146913
Ion Ratio Lower Upper
128 100
130 32.7 12.0 52.0
64 54.2 36.3 76.3





#9

Benzaldehyde

Concen: 53.598 ng

RT: 6.393 min Scan# 71

Delta R.T. -0.005 min

Lab File: BF139039.D

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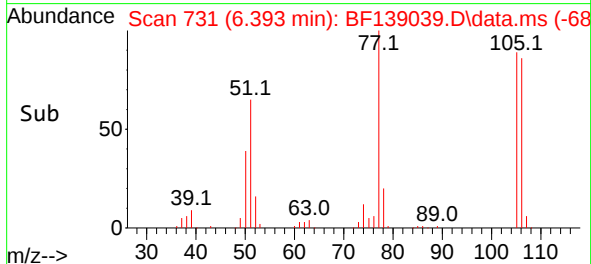
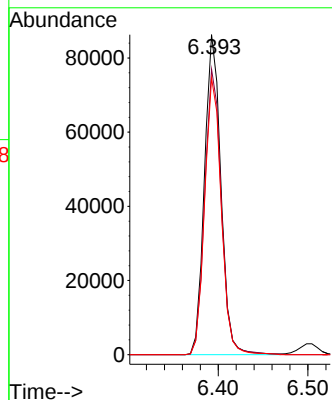
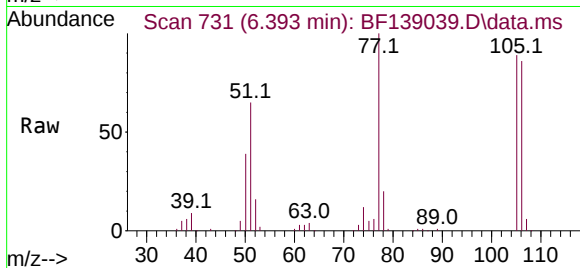
Tgt Ion: 77 Resp: 109807

Ion Ratio Lower Upper

77 100

105 89.2 72.9 112.9

106 86.5 68.4 108.4



#10

Phenol

Concen: 53.984 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

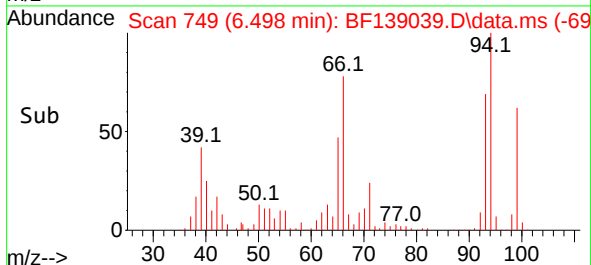
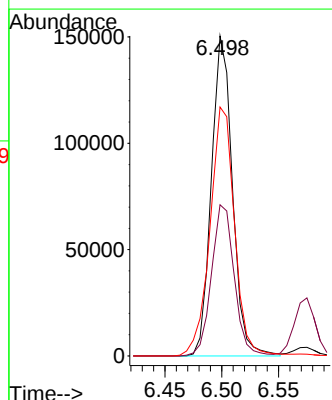
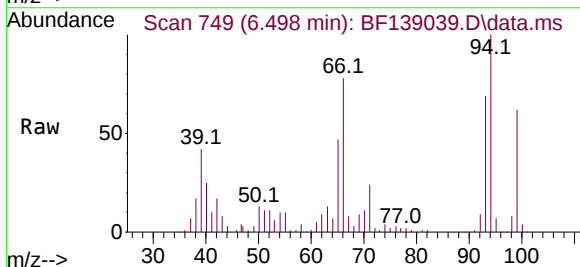
Tgt Ion: 94 Resp: 194252

Ion Ratio Lower Upper

94 100

65 47.3 16.9 56.9

66 77.8 36.5 76.5#

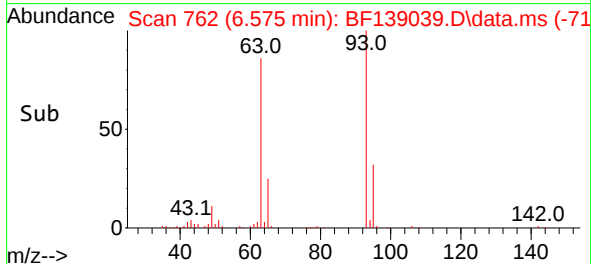
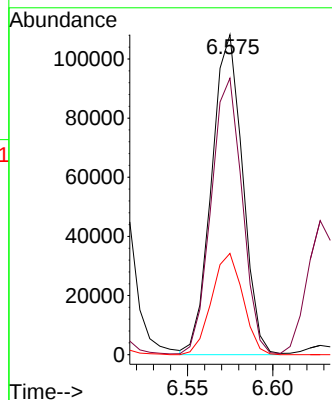
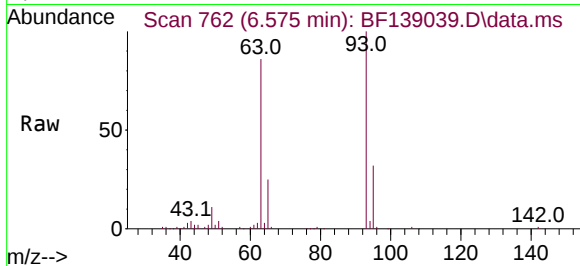




#11
bis(2-Chloroethyl)ether
Concen: 49.512 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
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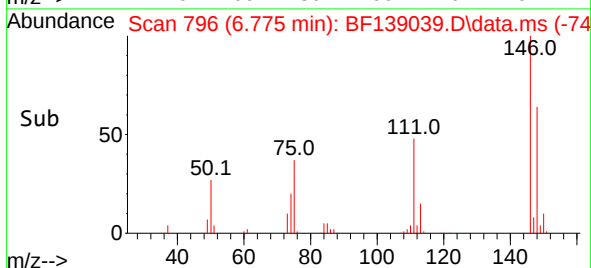
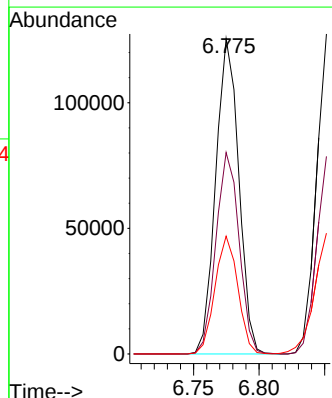
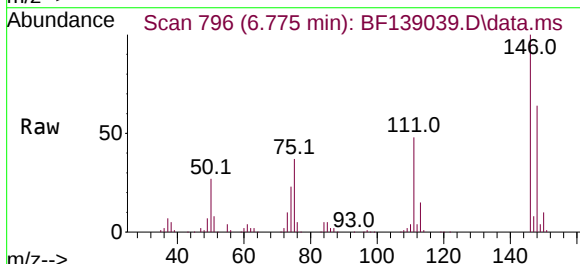
Instrument :
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Tgt Ion: 93 Resp: 137100
Ion Ratio Lower Upper
93 100
63 86.4 65.3 105.3
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 51.129 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion: 146 Resp: 153279
Ion Ratio Lower Upper
146 100
148 63.9 51.2 76.8
75 37.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 52.414 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139039.D

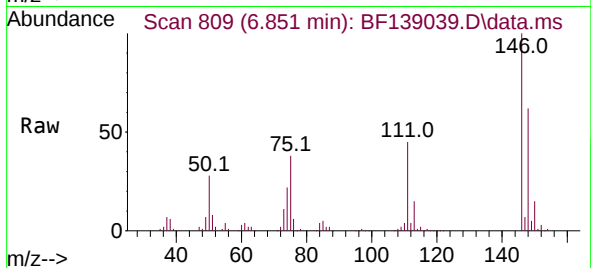
Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD



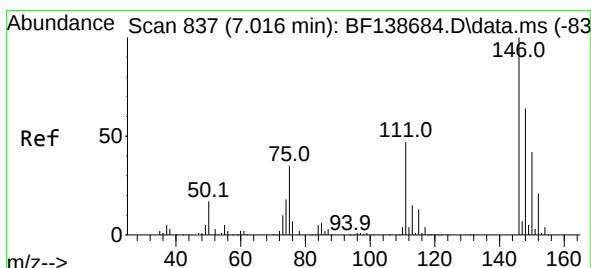
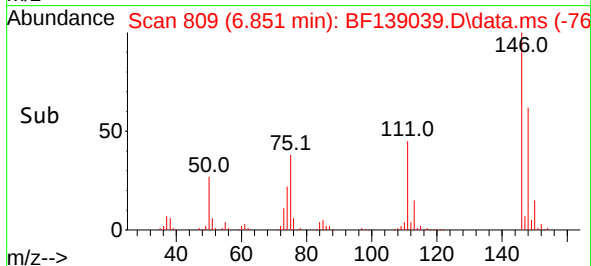
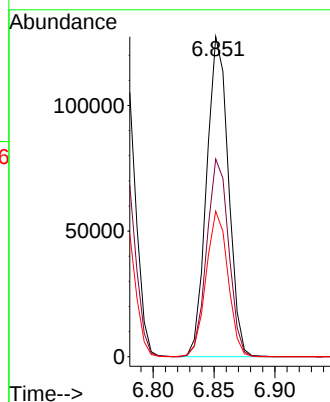
Tgt Ion:146 Resp: 158574

Ion Ratio Lower Upper

146 100

148 61.8 50.2 75.2

111 45.5 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 52.331 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

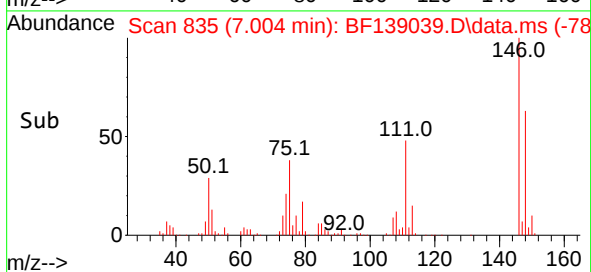
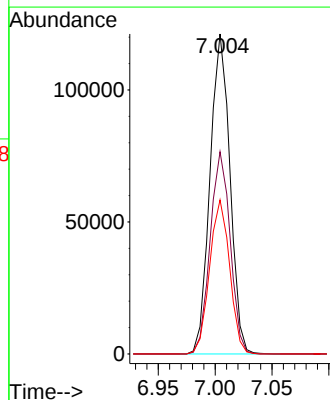
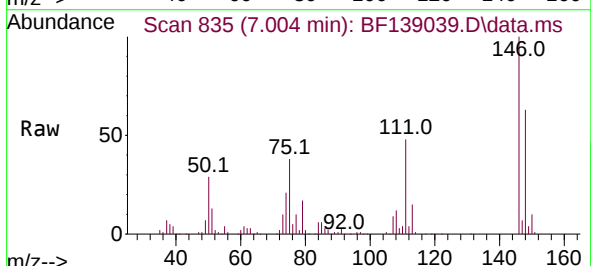
Tgt Ion:146 Resp: 147964

Ion Ratio Lower Upper

146 100

148 63.2 50.8 76.2

111 48.1 37.4 56.2

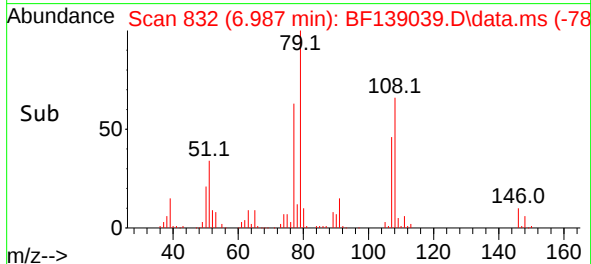
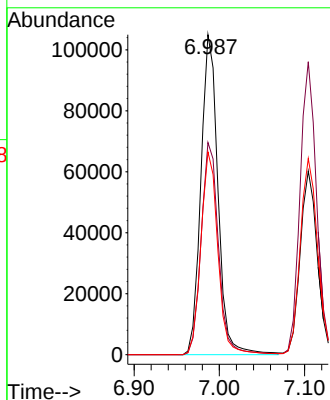
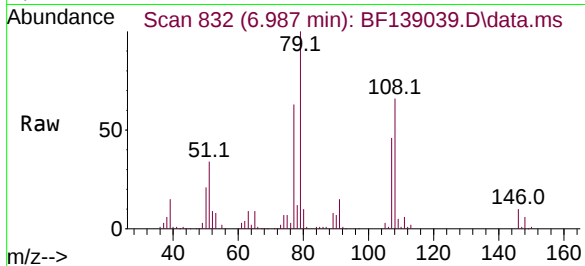




#15
Benzyl Alcohol
Concen: 59.322 ng
RT: 6.987 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

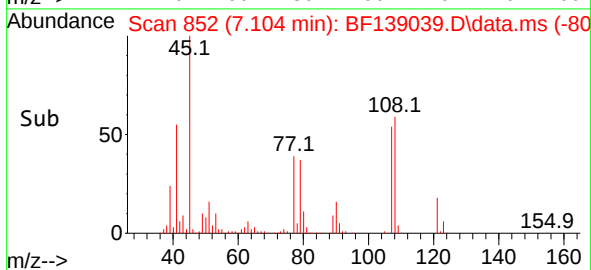
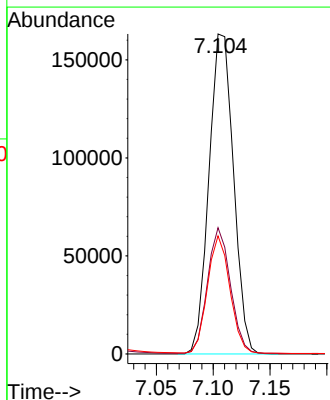
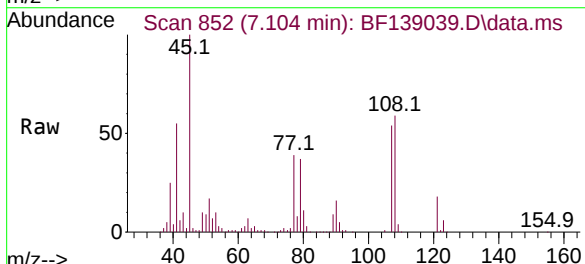
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

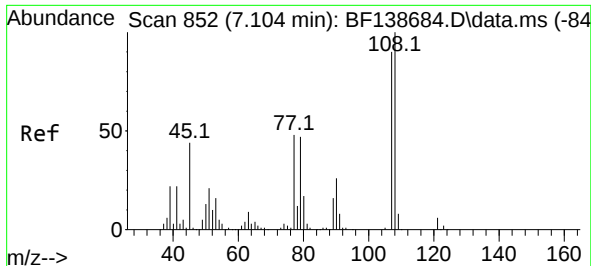
Tgt Ion: 79 Resp: 146125
Ion Ratio Lower Upper
79 100
108 66.3 56.6 85.0
77 63.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.488 ng
RT: 7.104 min Scan# 852
Delta R.T. -0.018 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion: 45 Resp: 245364
Ion Ratio Lower Upper
45 100
77 39.4 0.0 34.9#
79 36.9 0.0 32.2#

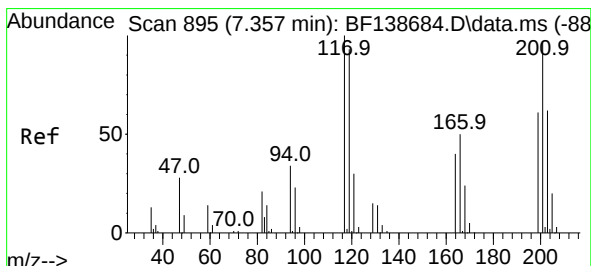
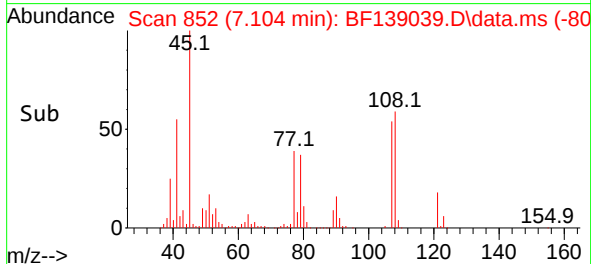
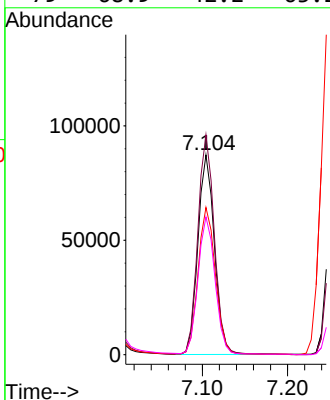
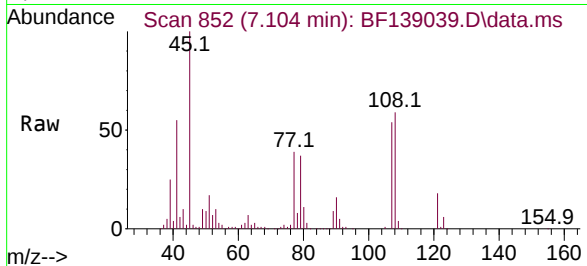




#17
2-Methylphenol
Concen: 53.202 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

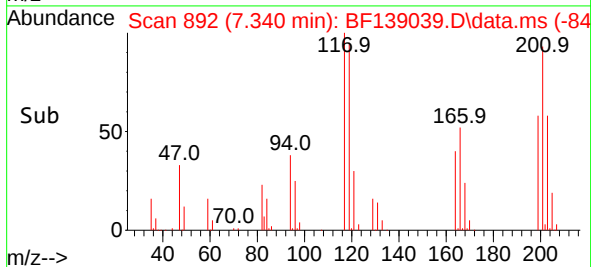
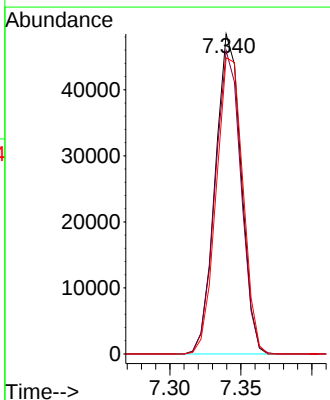
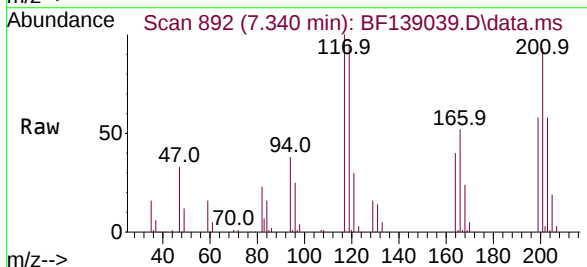
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:107 Resp: 117656
Ion Ratio Lower Upper
107 100
108 110.0 89.2 133.8
77 73.7 43.0 64.4#
79 68.9 42.2 63.2#



#18
Hexachloroethane
Concen: 53.776 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:117 Resp: 61242
Ion Ratio Lower Upper
117 100
119 94.8 74.6 111.8
201 92.6 77.2 115.8





#19

n-Nitroso-di-n-propylamine

Concen: 56.364 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF139039.D

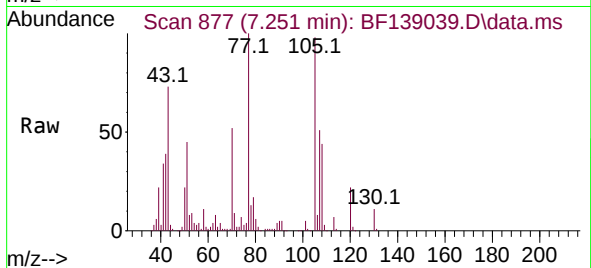
Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD



Tgt Ion: 70 Resp: 116345

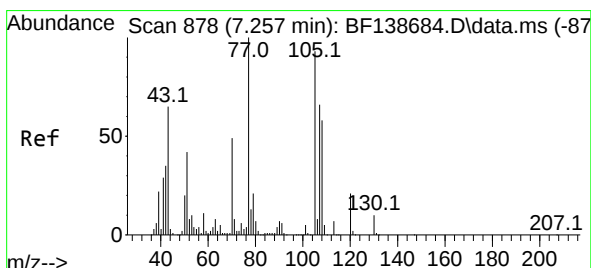
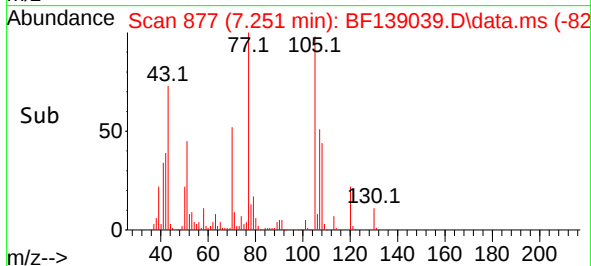
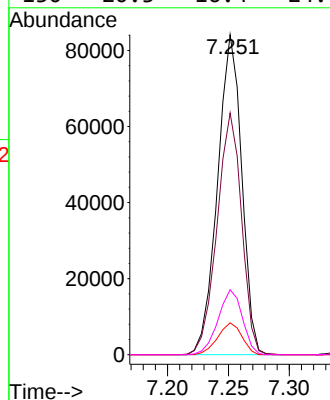
Ion Ratio Lower Upper

70 100

42 75.6 57.4 86.0

101 9.9 7.5 11.3

130 20.3 16.4 24.6



#20

3+4-Methylphenols

Concen: 54.496 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Tgt Ion:107 Resp: 154629

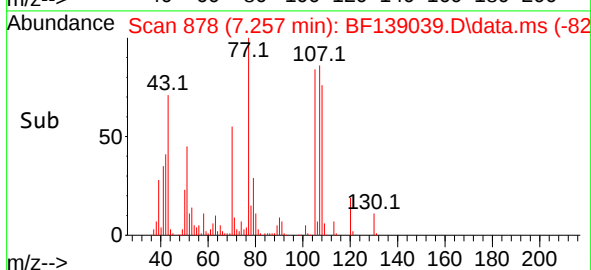
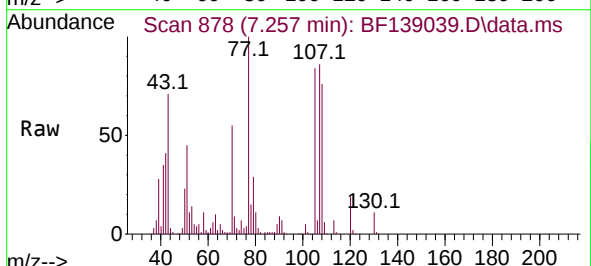
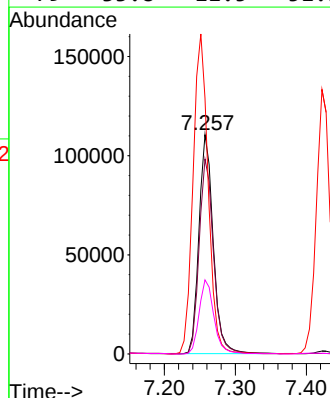
Ion Ratio Lower Upper

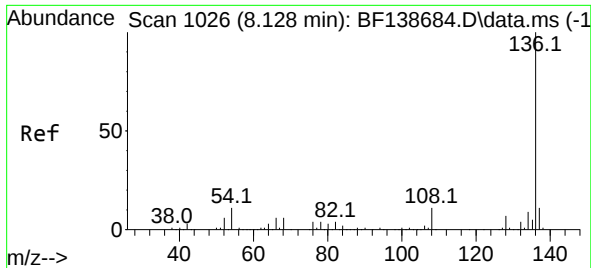
107 100

108 88.8 68.2 108.2

77 116.5 132.1 172.1#

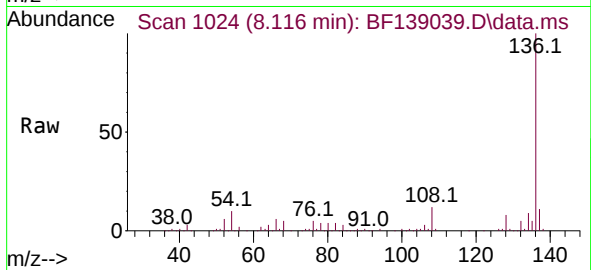
79 33.8 11.5 51.5



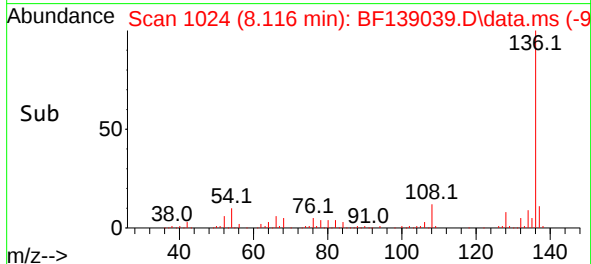
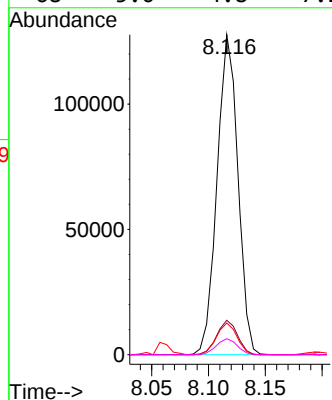


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

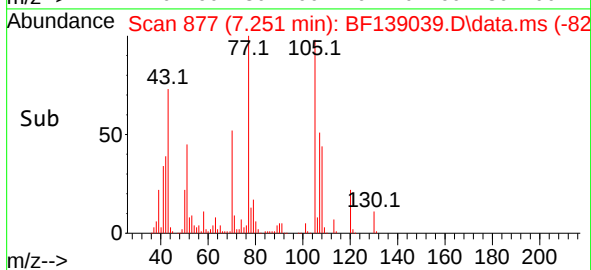
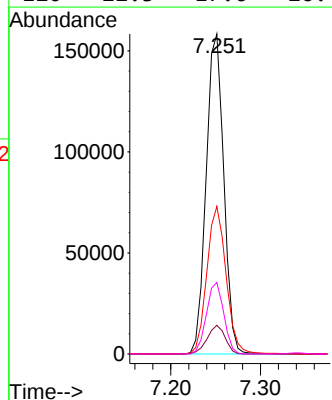
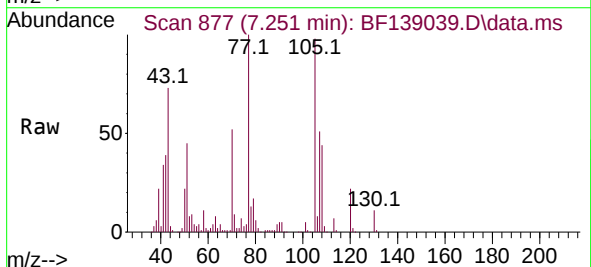


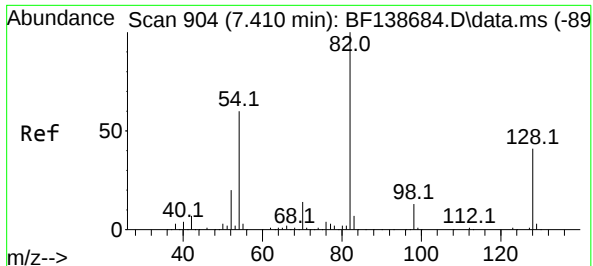
Tgt Ion:136 Resp: 163267
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 8.6 12.8
68 5.0 4.8 7.2



#22
Acetophenone
Concen: 53.994 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:105 Resp: 215846
Ion Ratio Lower Upper
105 100
71 9.0 7.2 10.8
51 46.1 35.9 53.9
120 22.3 17.6 26.4

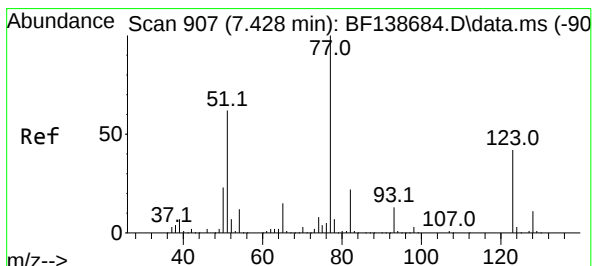
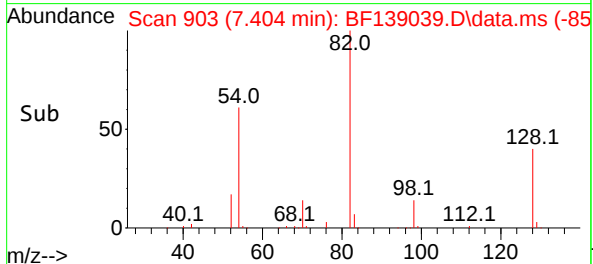
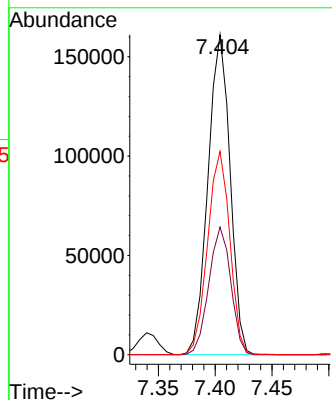
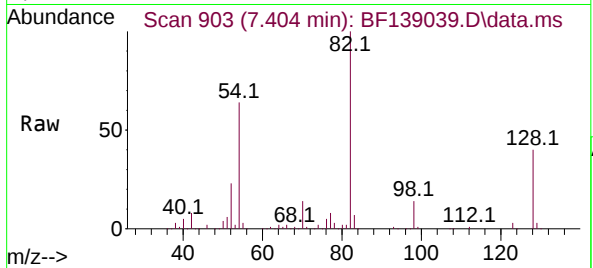




#23
Nitrobenzene-d5
Concen: 65.366 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

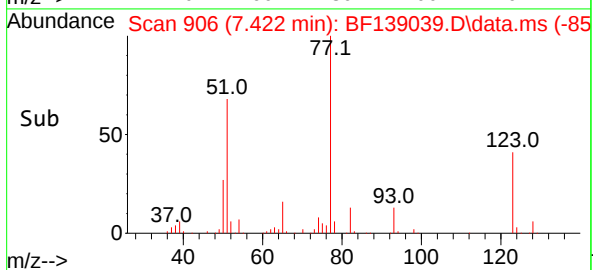
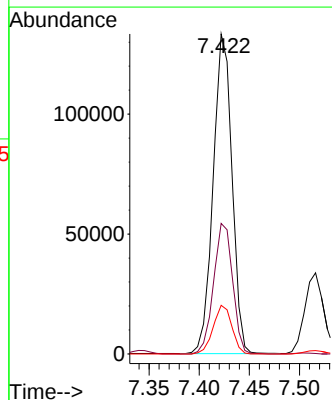
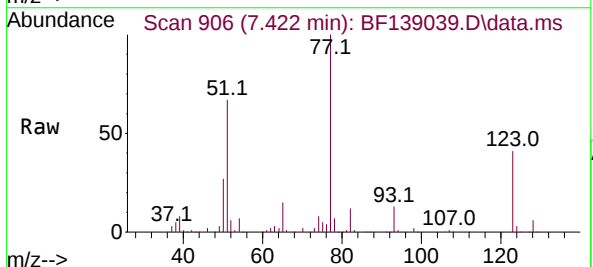
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

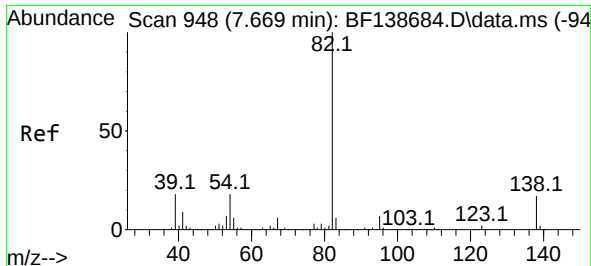
Tgt Ion: 82 Resp: 218281
Ion Ratio Lower Upper
82 100
128 39.9 32.8 49.2
54 63.5 48.3 72.5



#24
Nitrobenzene
Concen: 51.195 ng
RT: 7.422 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion: 77 Resp: 173965
Ion Ratio Lower Upper
77 100
123 40.8 33.3 49.9
65 15.2 11.9 17.9

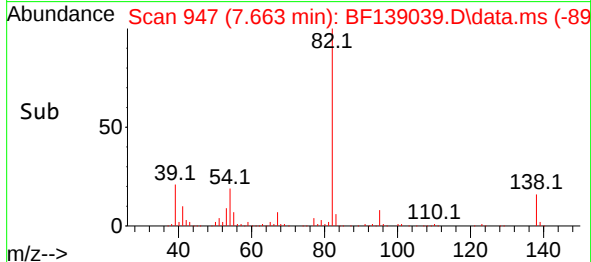
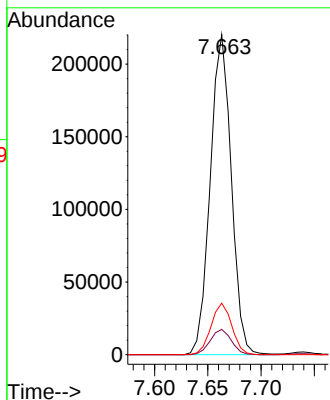
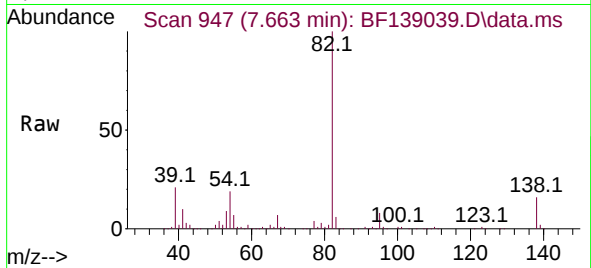




#25
Isophorone
Concen: 52.994 ng
RT: 7.663 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

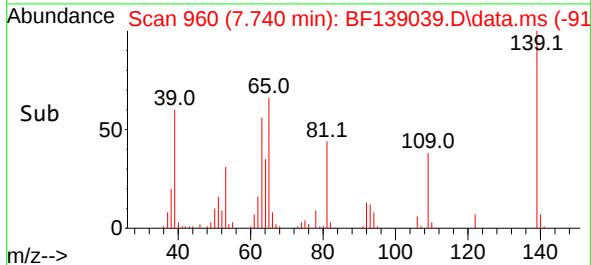
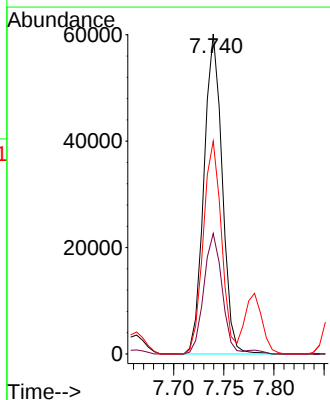
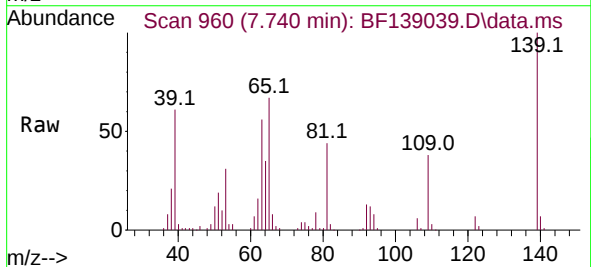
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

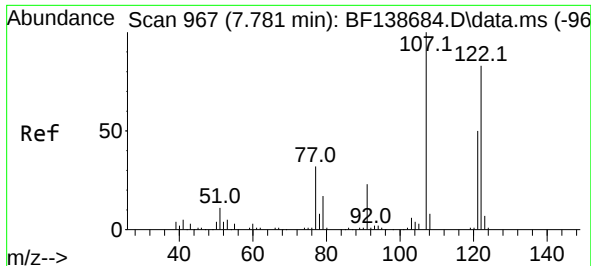
Tgt Ion: 82 Resp: 302179
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 16.1 13.7 20.5



#26
2-Nitrophenol
Concen: 52.173 ng
RT: 7.740 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:139 Resp: 76274
Ion Ratio Lower Upper
139 100
109 37.6 25.9 38.9
65 66.5 47.0 70.6

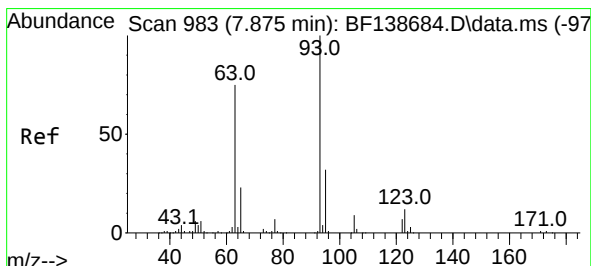
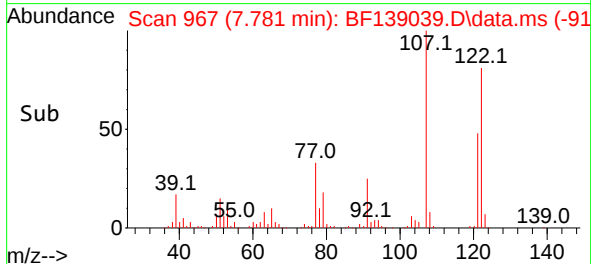
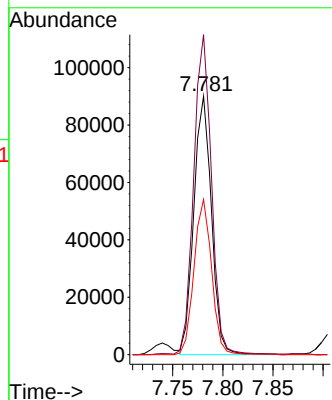
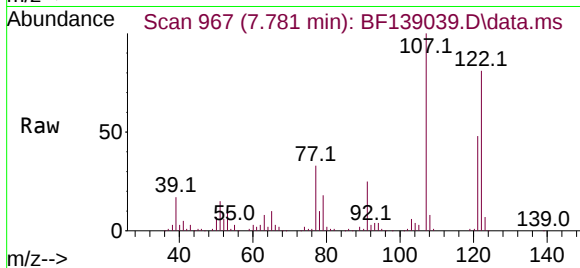




#27
2,4-Dimethylphenol
Concen: 63.189 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

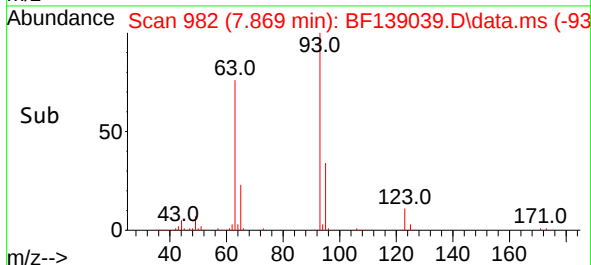
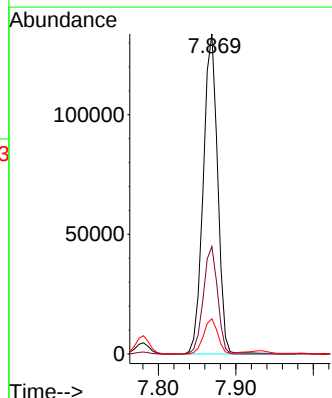
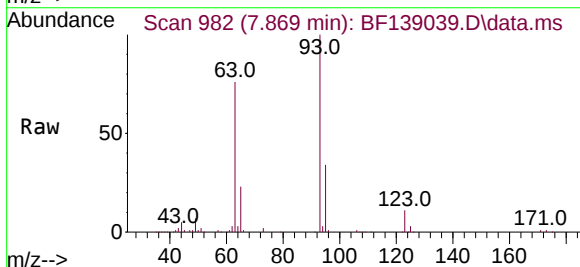
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:122 Resp: 110528
Ion Ratio Lower Upper
122 100
107 123.8 95.0 142.6
121 60.0 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 49.658 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion: 93 Resp: 172434
Ion Ratio Lower Upper
93 100
95 33.5 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 53.650 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

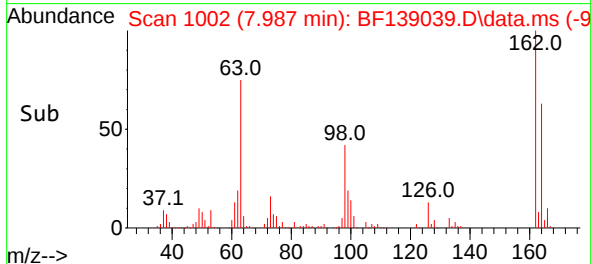
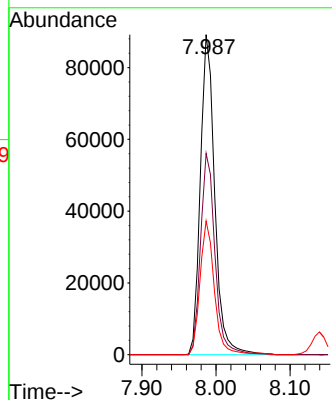
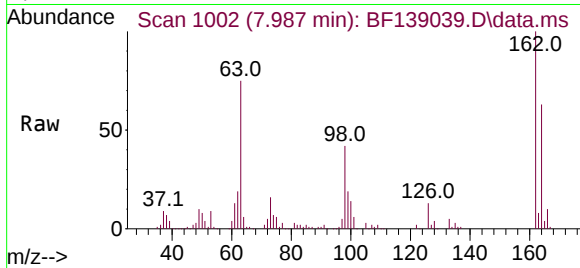
Tgt Ion:162 Resp: 120589

Ion Ratio Lower Upper

162 100

164 62.9 44.7 84.7

98 41.8 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 49.396 ng

RT: 8.057 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

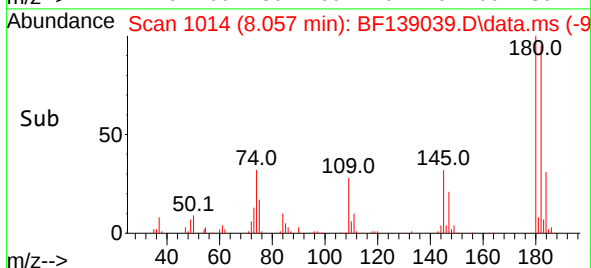
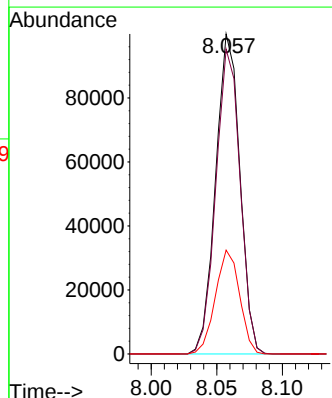
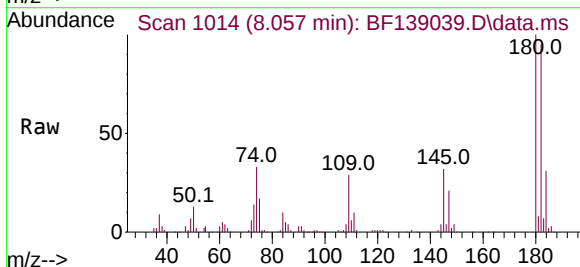
Tgt Ion:180 Resp: 128127

Ion Ratio Lower Upper

180 100

182 95.3 76.9 115.3

145 32.4 25.0 37.4

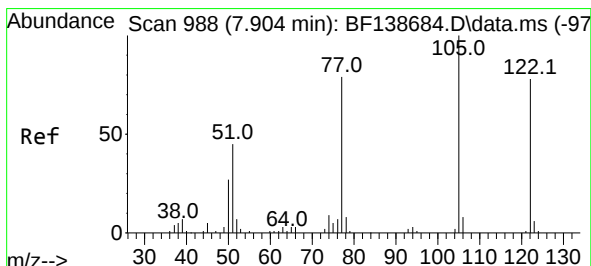
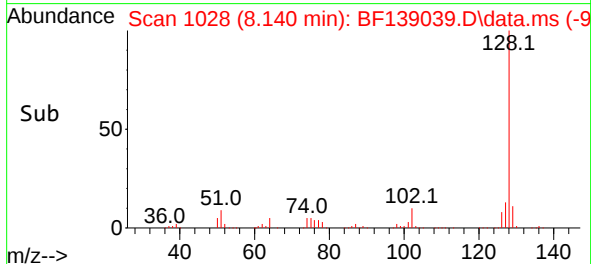
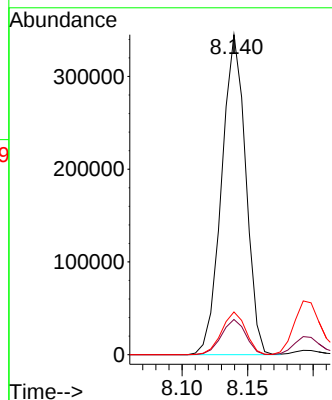
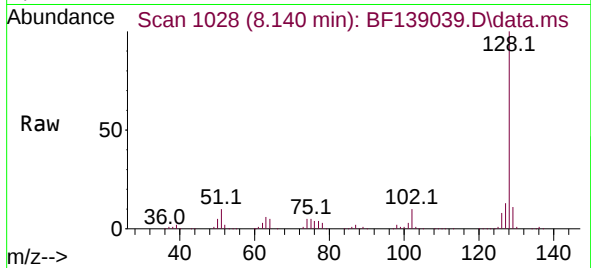




#31
Naphthalene
Concen: 51.315 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.011 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

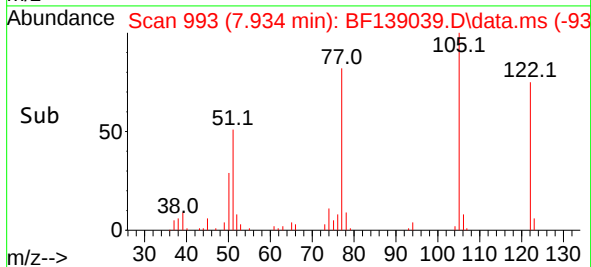
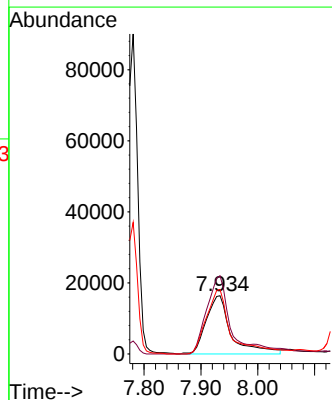
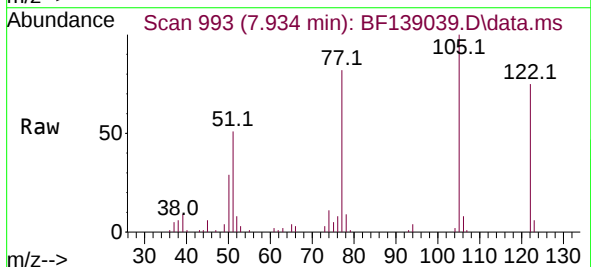
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:128 Resp: 440995
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 36.532 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.030 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:122 Resp: 50231
Ion Ratio Lower Upper
122 100
105 134.1 106.7 146.7
77 110.5 81.1 121.1

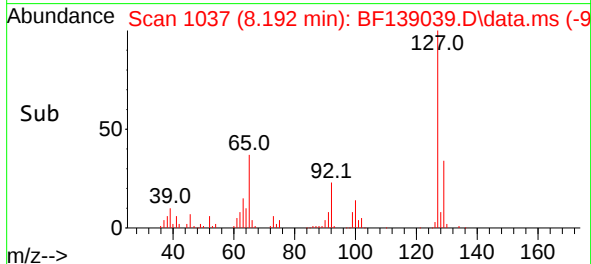
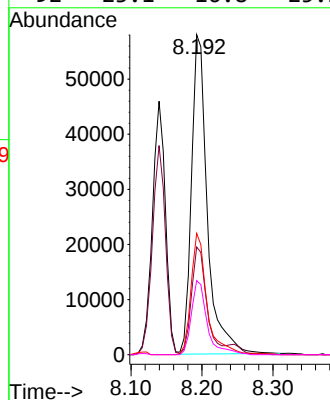
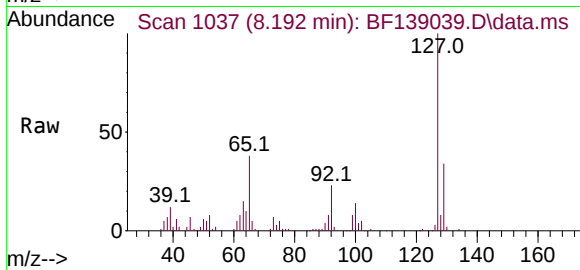




#33
4-Chloroaniline
Concen: 31.264 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

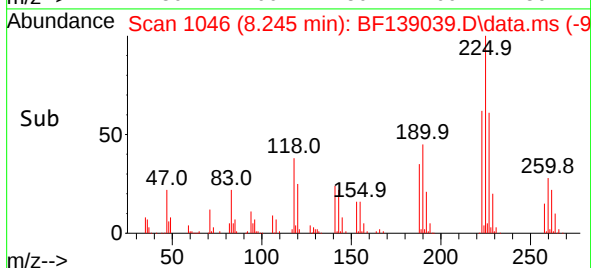
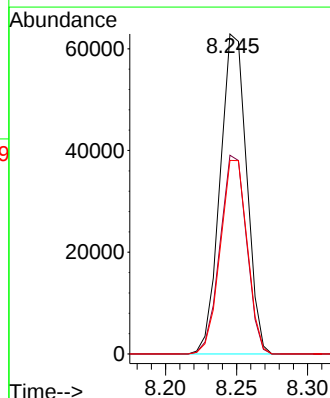
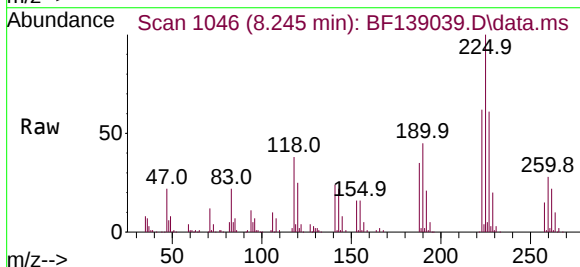
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

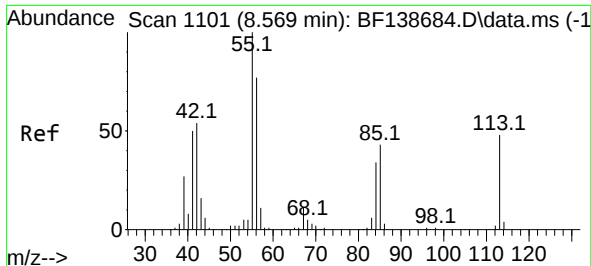
Tgt Ion:	127	Resp:	90190
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.9	38.9
65	37.9	27.6	41.4
92	23.1	16.8	25.2



#34
Hexachlorobutadiene
Concen: 51.920 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.018 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:	225	Resp:	81572
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.2	76.8
227	60.5	51.1	76.7

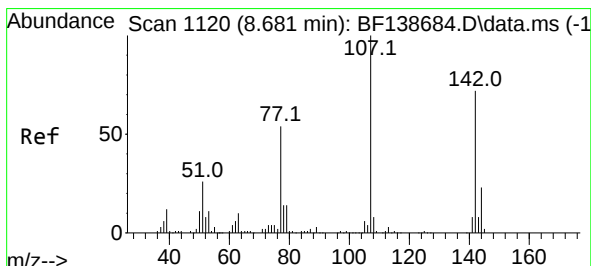
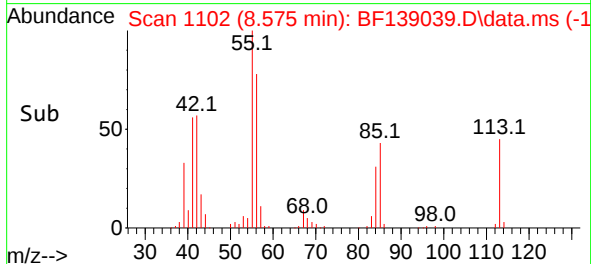
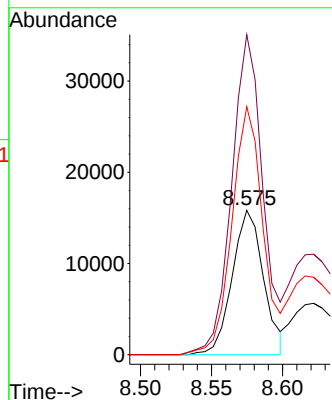
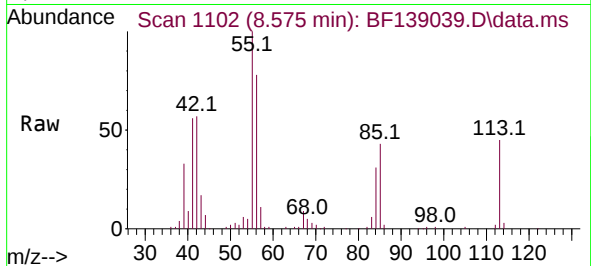




#35
 Caprolactam
 Concen: 36.214 ng
 RT: 8.575 min Scan# 1102
 Delta R.T. 0.006 min
 Lab File: BF139039.D
 Acq: 15 Aug 2024 23:47

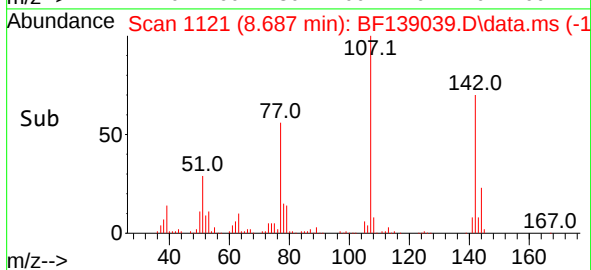
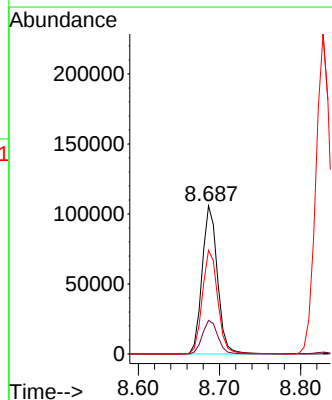
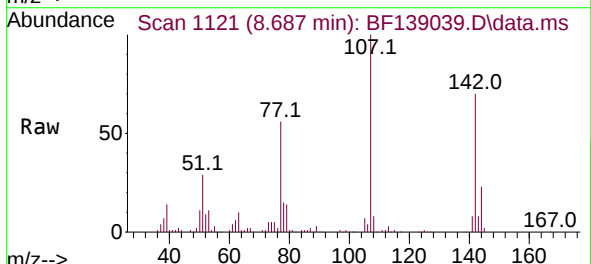
Instrument :
 BNA_F
 ClientSampleId :
 S-856-J-S0-1-1.5-080924MSD

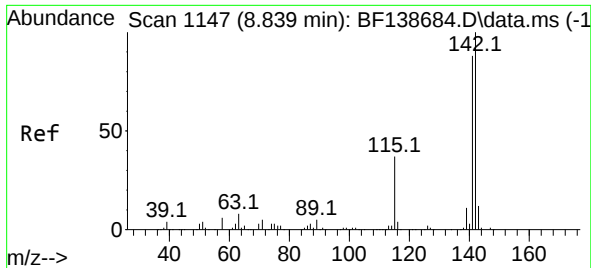
Tgt Ion:113 Resp: 24288
 Ion Ratio Lower Upper
 113 100
 55 221.7 186.7 226.7
 56 171.8 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.031 ng
 RT: 8.687 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF139039.D
 Acq: 15 Aug 2024 23:47

Tgt Ion:107 Resp: 138794
 Ion Ratio Lower Upper
 107 100
 144 22.7 18.2 27.2
 142 70.0 57.4 86.2

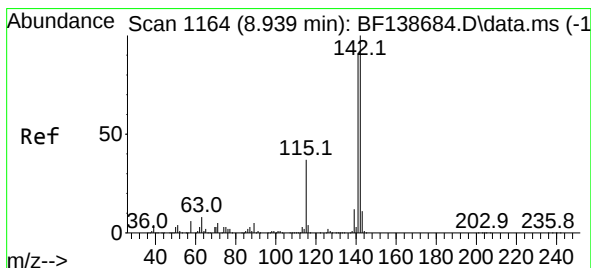
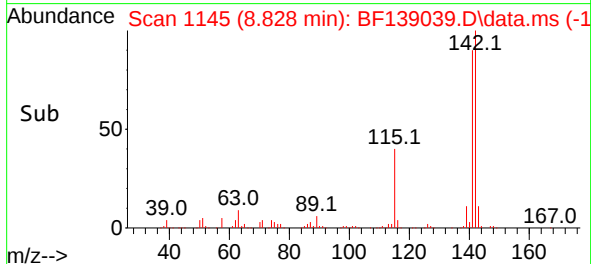
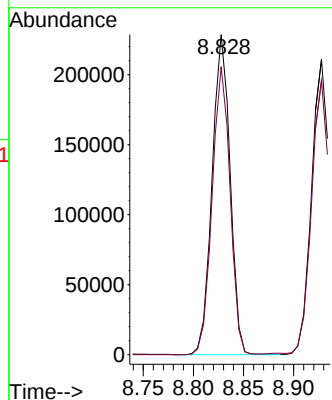
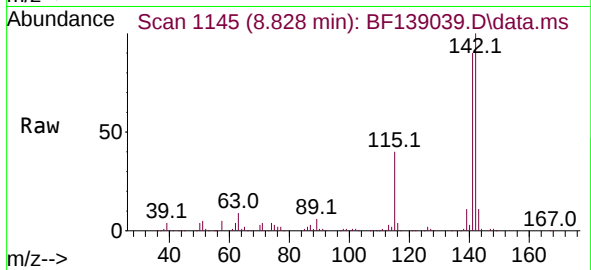




#37
2-Methylnaphthalene
Concen: 52.397 ng
RT: 8.828 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

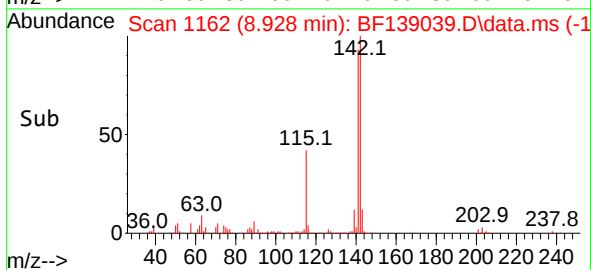
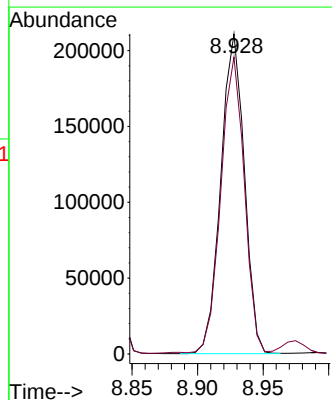
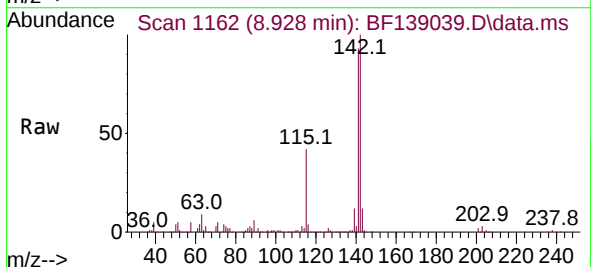
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

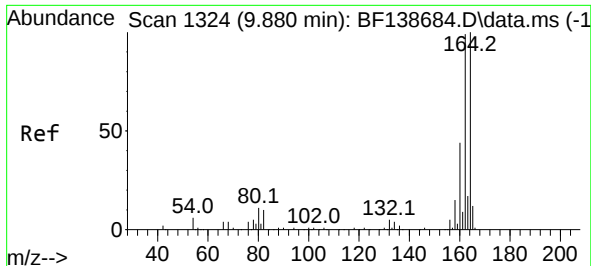
Tgt Ion:142 Resp: 284386
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2



#38
1-Methylnaphthalene
Concen: 49.392 ng
RT: 8.928 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:142 Resp: 262690
Ion Ratio Lower Upper
142 100
141 92.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.011 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

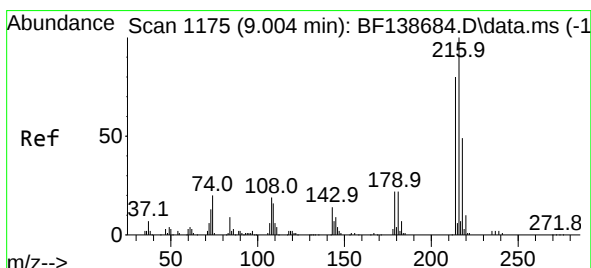
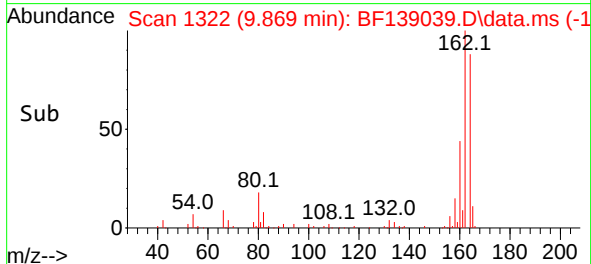
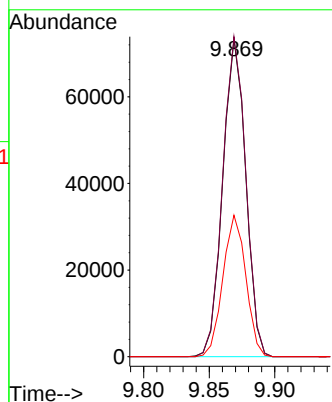
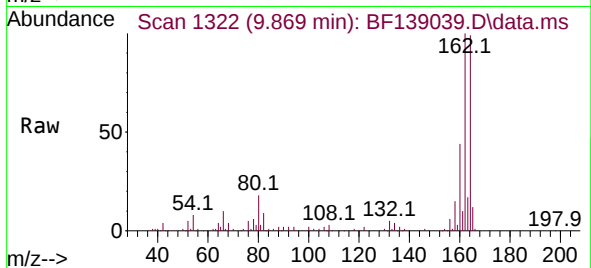
Tgt Ion:164 Resp: 89298

Ion Ratio Lower Upper

164 100

162 100.8 79.4 119.0

160 44.5 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.624 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Tgt Ion:216 Resp: 128058

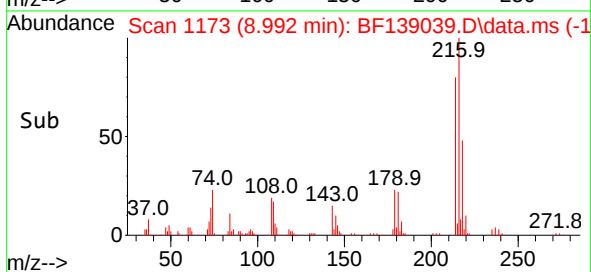
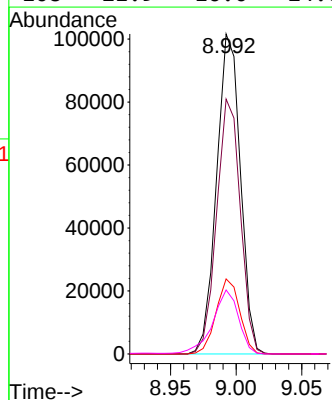
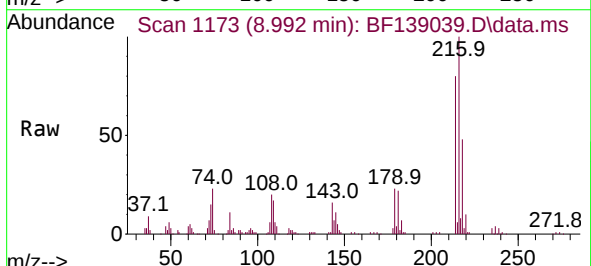
Ion Ratio Lower Upper

216 100

214 79.2 63.9 95.9

179 23.3 17.8 26.6

108 21.9 16.0 24.0

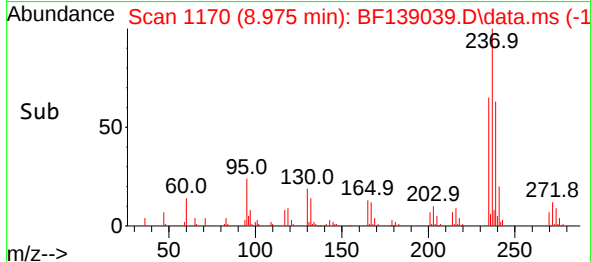
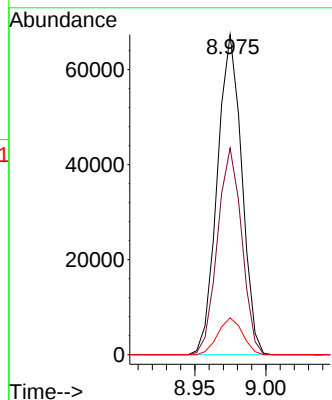
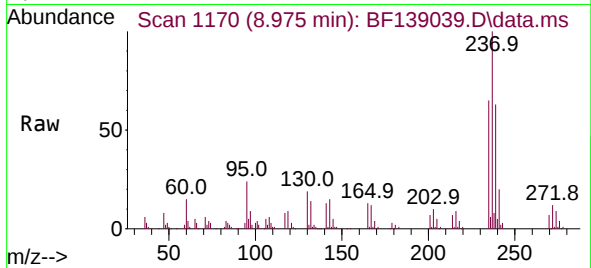




#41
Hexachlorocyclopentadiene
Concen: 119.003 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

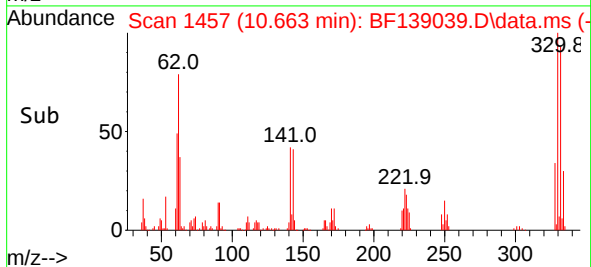
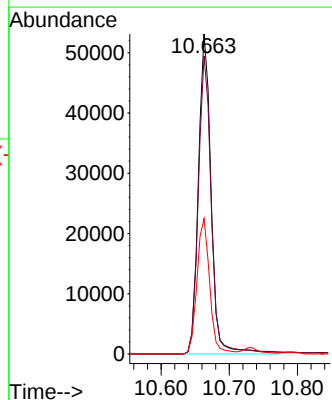
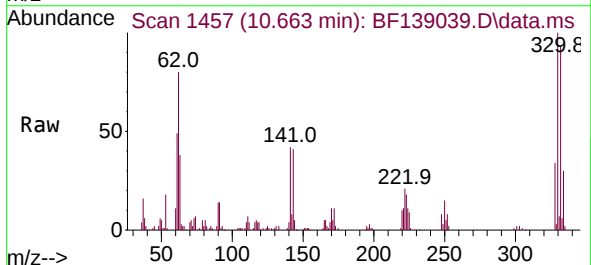
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

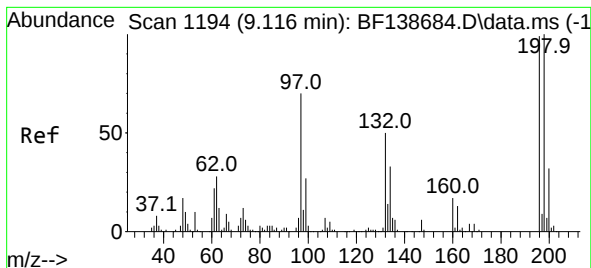
Tgt Ion:237 Resp: 80577
Ion Ratio Lower Upper
237 100
235 64.5 41.8 81.8
272 11.5 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 94.336 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:330 Resp: 69004
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 42.0 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 49.860 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF139039.D

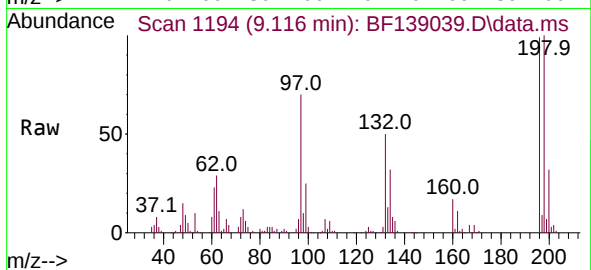
Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD



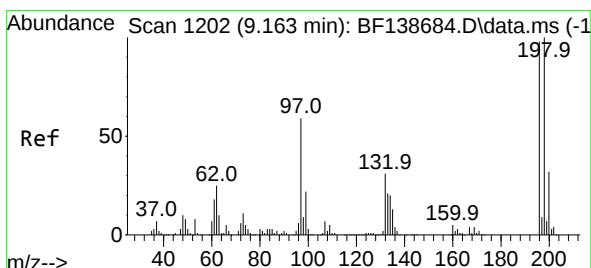
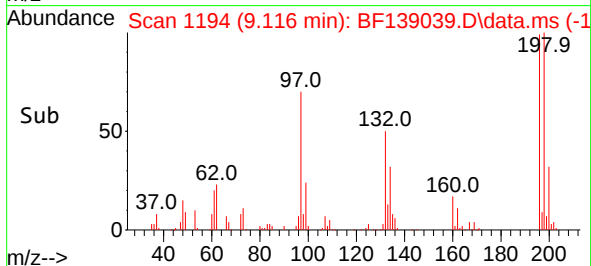
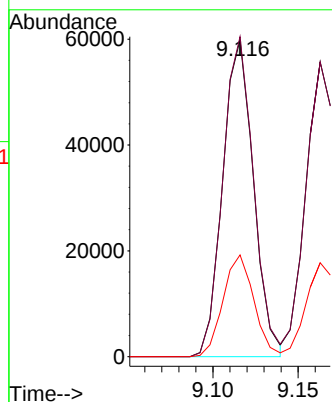
Tgt Ion:196 Resp: 75410

Ion Ratio Lower Upper

196 100

198 100.9 80.5 120.7

200 32.1 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 49.010 ng

RT: 9.163 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Tgt Ion:196 Resp: 81034

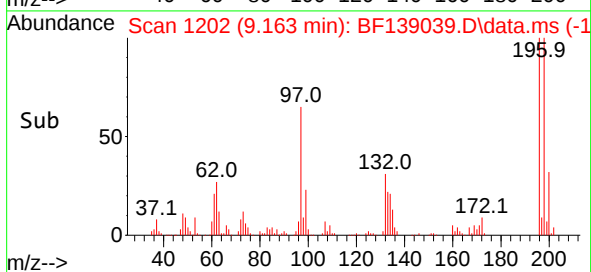
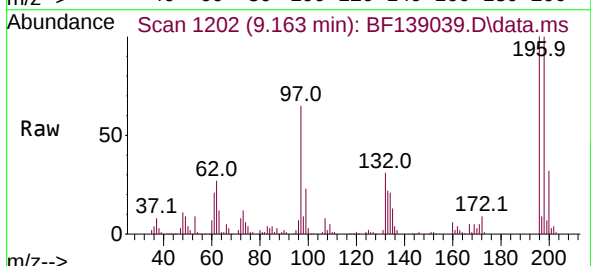
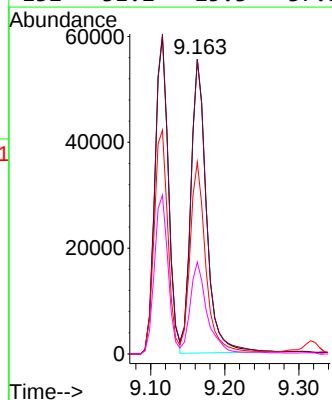
Ion Ratio Lower Upper

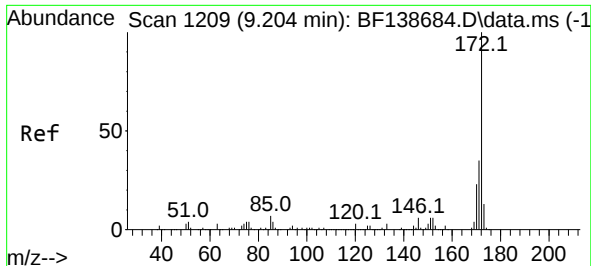
196 100

198 99.9 81.2 121.8

97 65.0 47.8 71.6

132 31.2 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 64.371 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

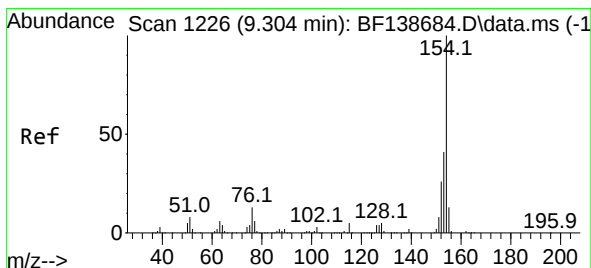
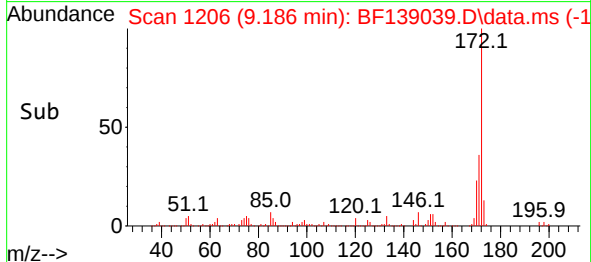
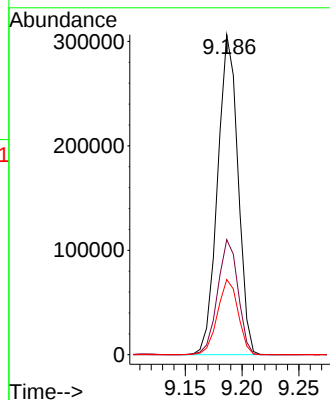
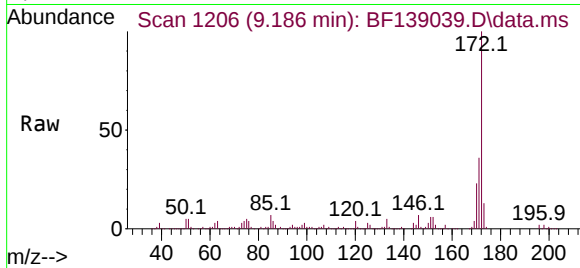
Tgt Ion:172 Resp: 382576

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 51.280 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

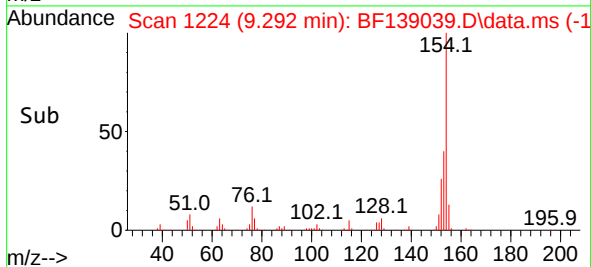
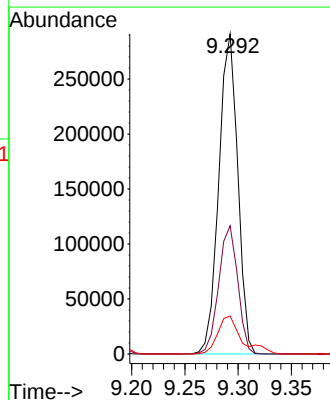
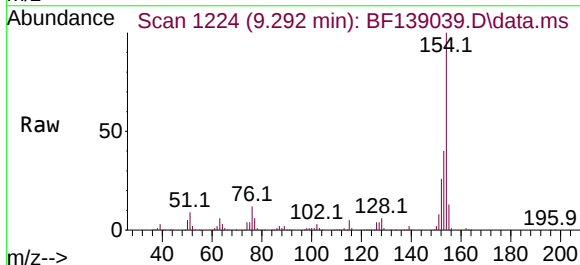
Tgt Ion:154 Resp: 358638

Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 50.515 ng

RT: 9.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

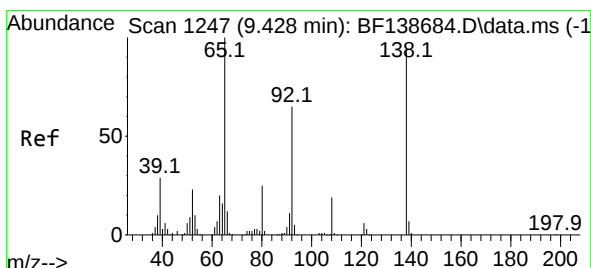
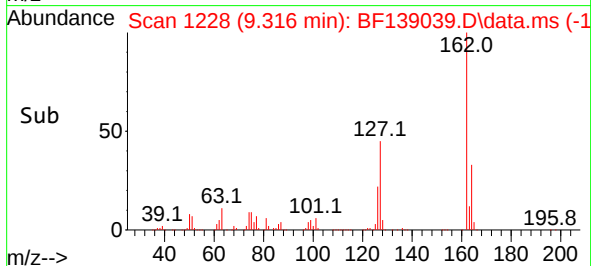
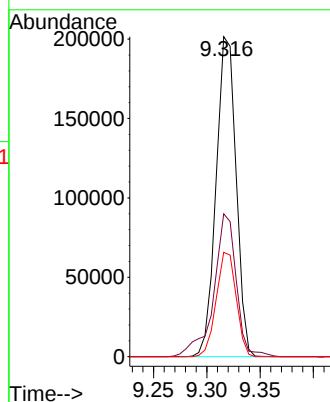
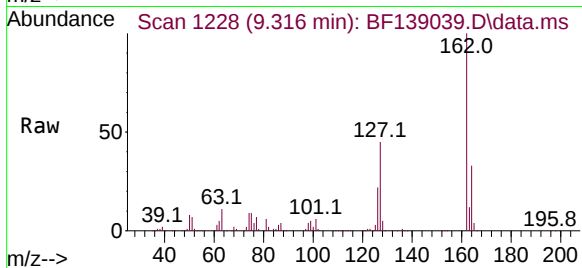
Tgt Ion:162 Resp: 262748

Ion Ratio Lower Upper

162 100

127 44.7 35.4 53.2

164 32.6 25.6 38.4



#48

2-Nitroaniline

Concen: 56.119 ng

RT: 9.422 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

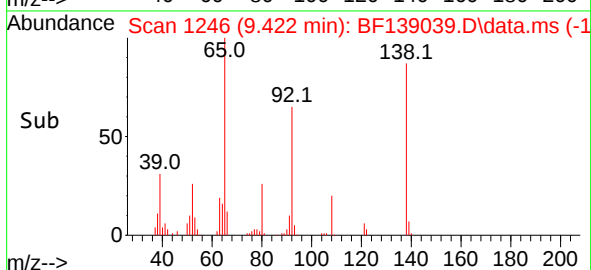
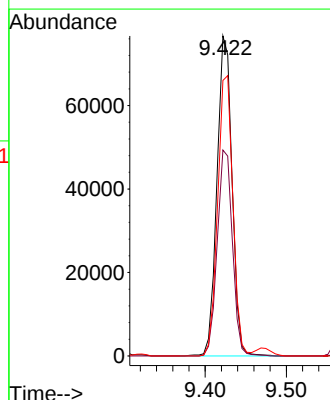
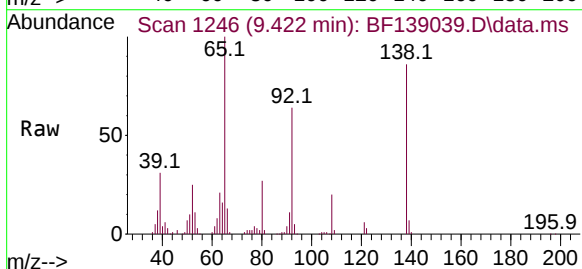
Tgt Ion: 65 Resp: 98957

Ion Ratio Lower Upper

65 100

92 64.4 52.0 78.0

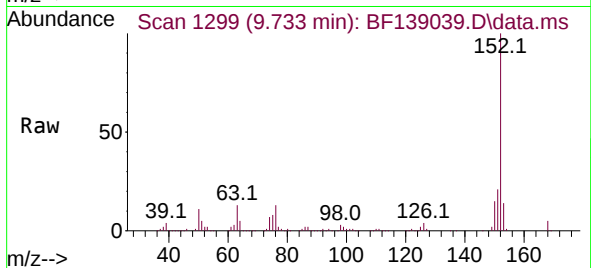
138 86.1 76.2 114.4



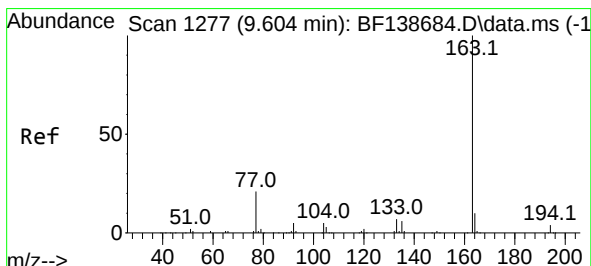
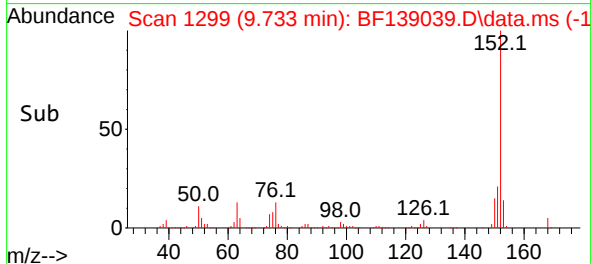
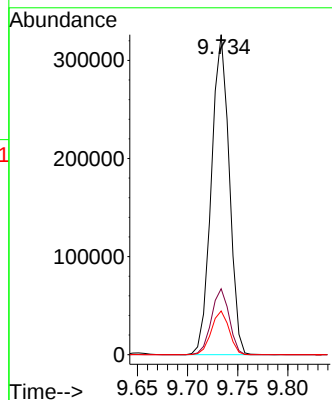


#49
Acenaphthylene
Concen: 54.803 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

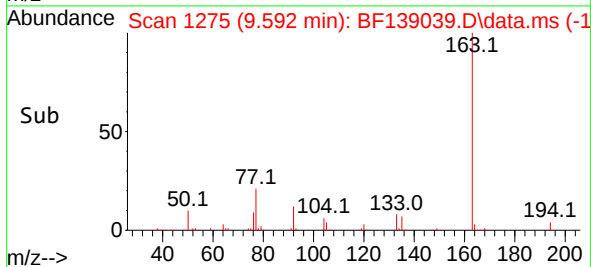
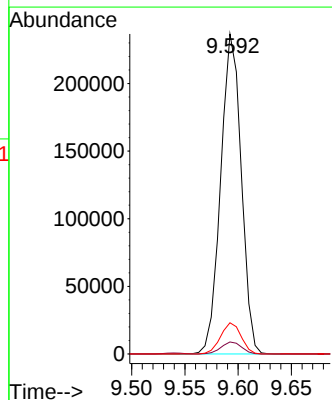
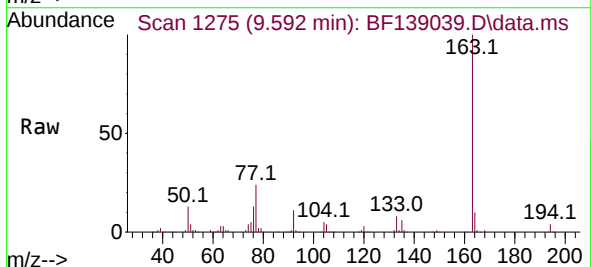


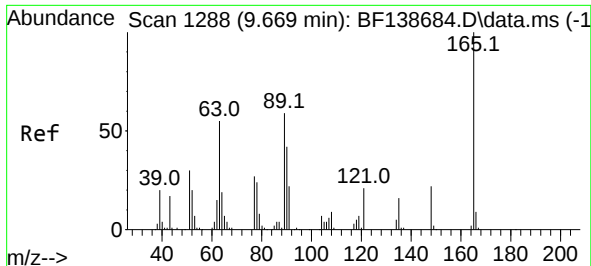
Tgt Ion:152 Resp: 404292
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.7 11.0 16.4



#50
Dimethylphthalate
Concen: 55.608 ng
RT: 9.592 min Scan# 1275
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:163 Resp: 317510
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.8 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 53.494 ng

RT: 9.663 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

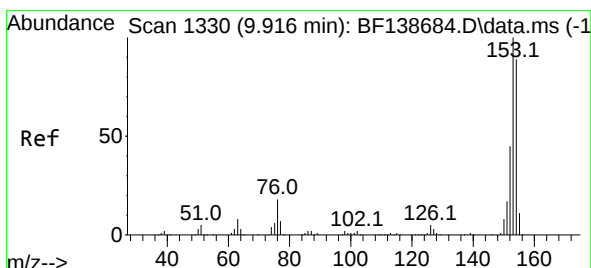
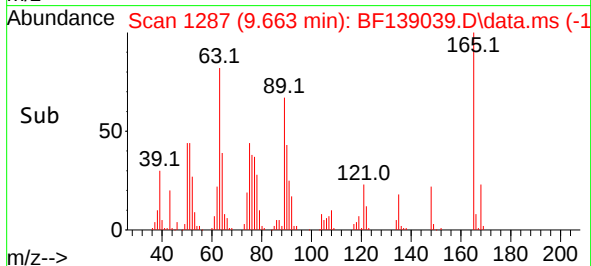
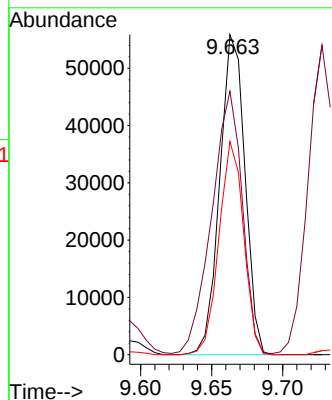
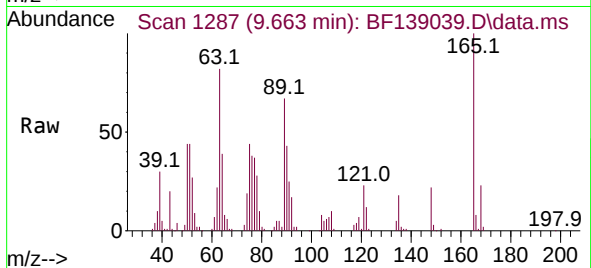
Tgt Ion:165 Resp: 68933

Ion Ratio Lower Upper

165 100

63 82.3 52.0 78.0#

89 66.6 47.0 70.6



#52

Acenaphthene

Concen: 52.238 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

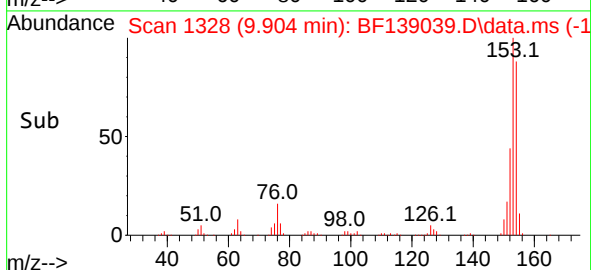
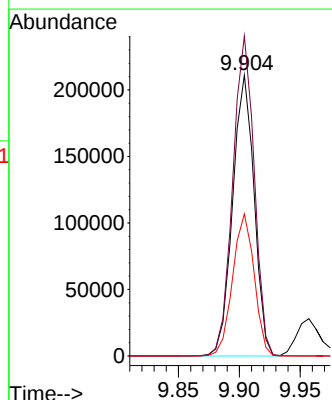
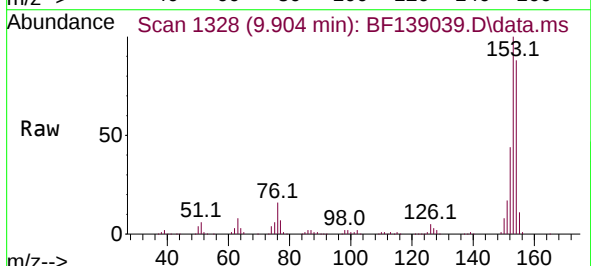
Tgt Ion:154 Resp: 259051

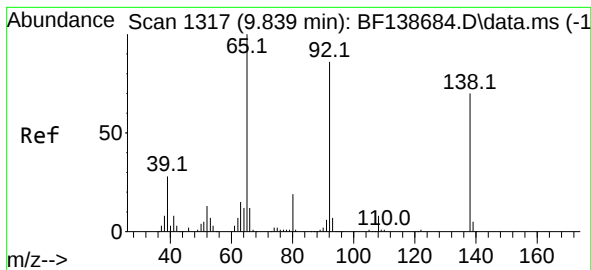
Ion Ratio Lower Upper

154 100

153 114.0 89.9 134.9

152 50.6 40.6 60.8





#53

3-Nitroaniline

Concen: 38.016 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

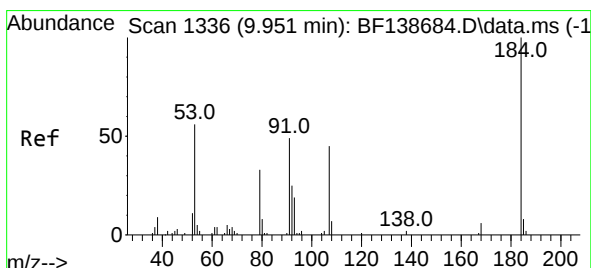
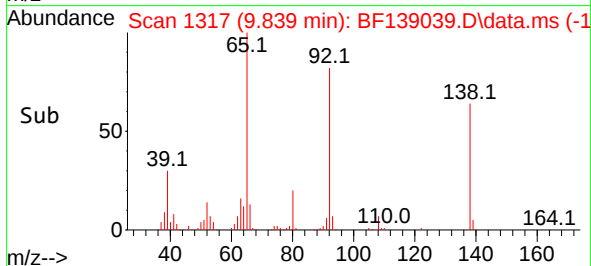
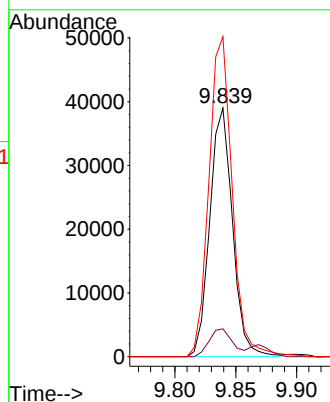
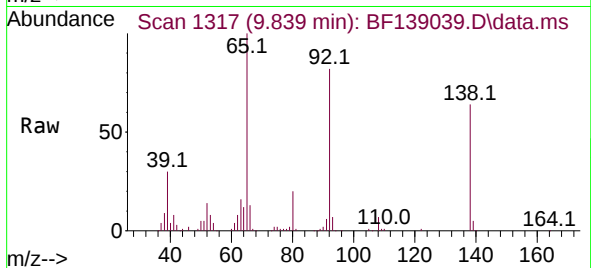
Tgt Ion:138 Resp: 50642

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

92 128.8 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 94.615 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

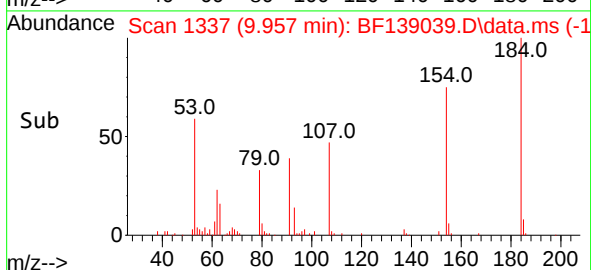
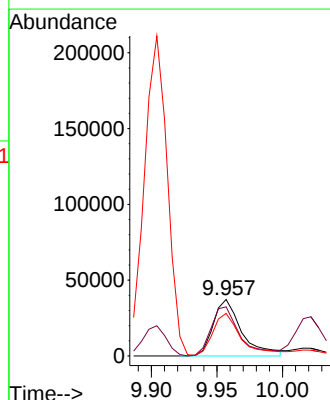
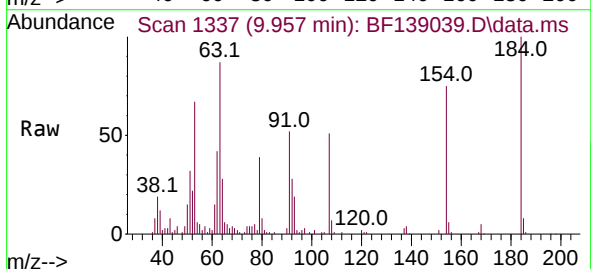
Tgt Ion:184 Resp: 56124

Ion Ratio Lower Upper

184 100

63 87.0 57.5 86.3#

154 75.3 51.7 77.5

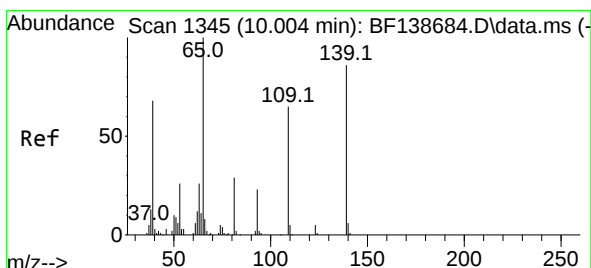
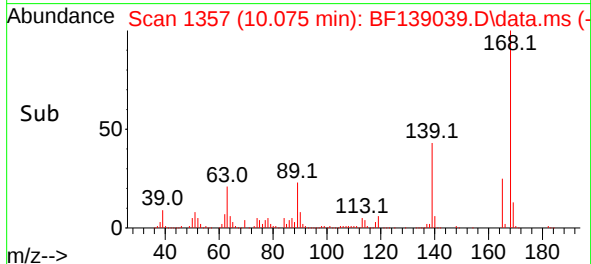
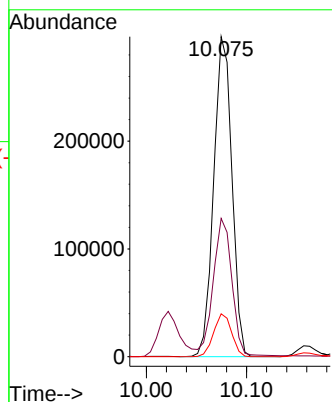
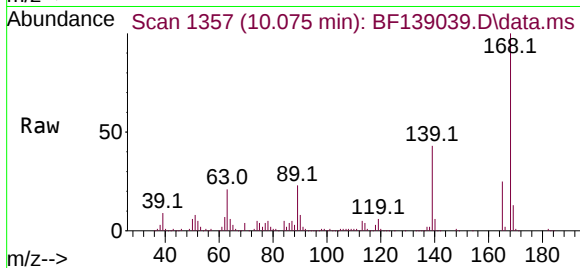




#55
Dibenzenofuran
Concen: 53.469 ng
RT: 10.075 min Scan# 1357
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

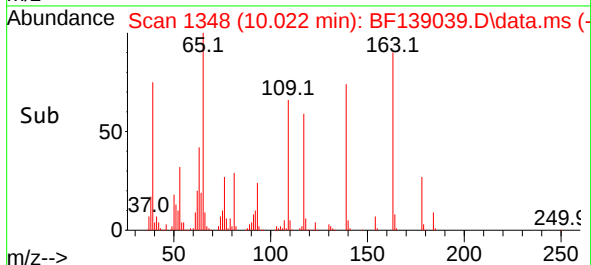
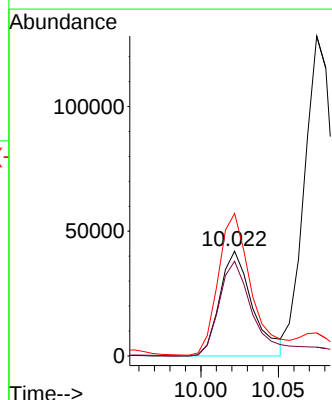
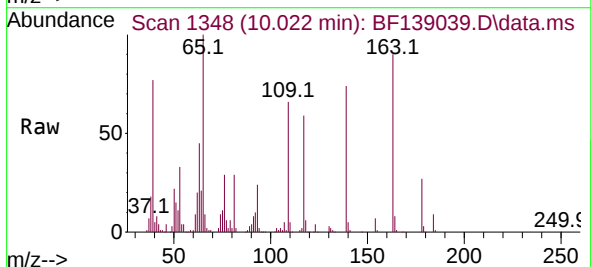
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:168 Resp: 374298
Ion Ratio Lower Upper
168 100
139 43.2 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 77.129 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:139 Resp: 61786
Ion Ratio Lower Upper
139 100
109 90.3 55.5 95.5
65 135.9 96.7 136.7

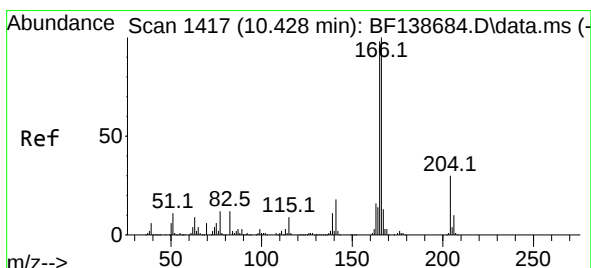
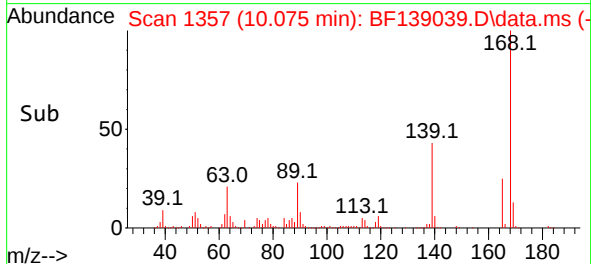
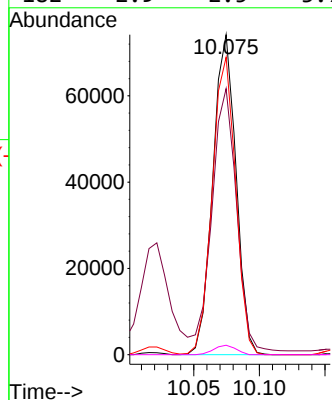
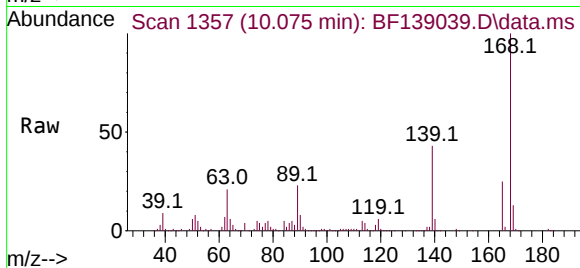




#57
2,4-Dinitrotoluene
Concen: 55.535 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

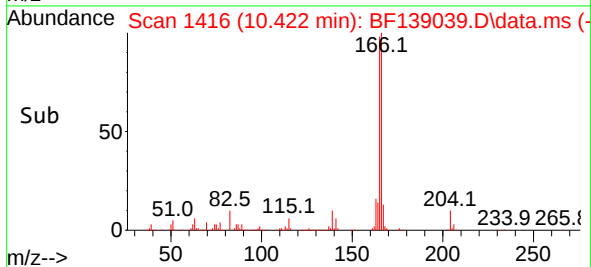
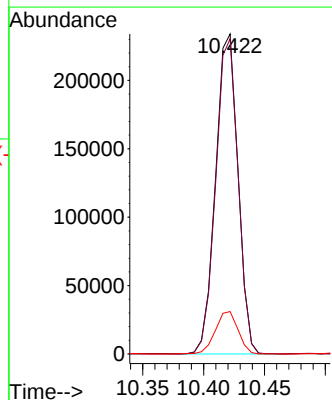
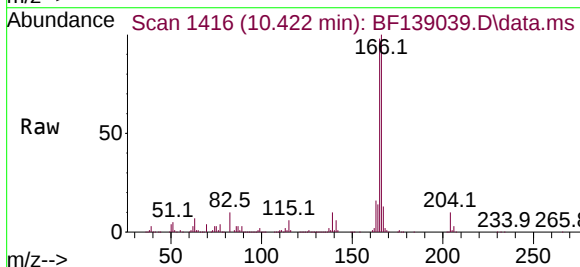
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:	165	Resp:	91302
Ion Ratio	Lower	Upper	
165	100		
63	83.1	46.3	69.5#
89	92.9	64.2	96.4
182	2.9	2.5	3.7



#58
Fluorene
Concen: 53.818 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:	166	Resp:	300013
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.4	117.6
167	13.3	10.6	16.0



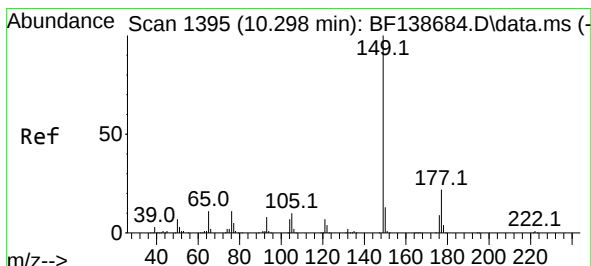
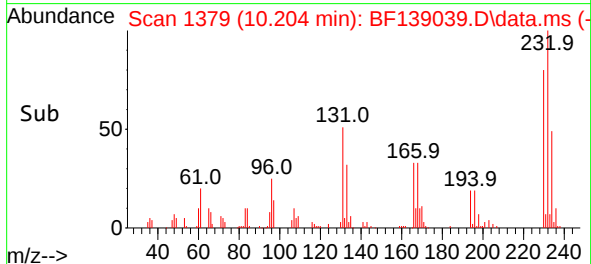
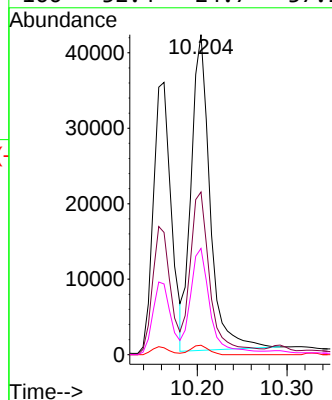
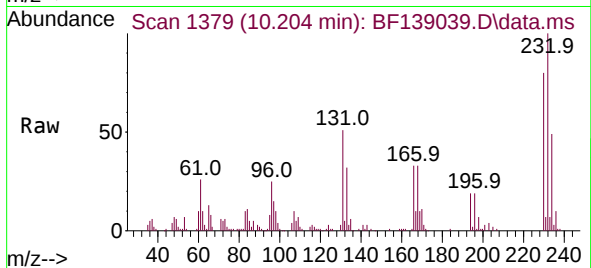


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.145 ng
RT: 10.204 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:232 Resp: 60859

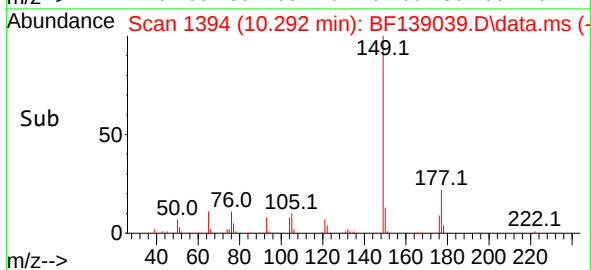
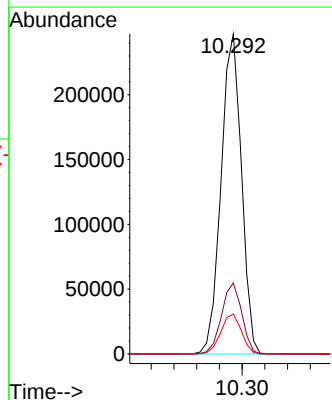
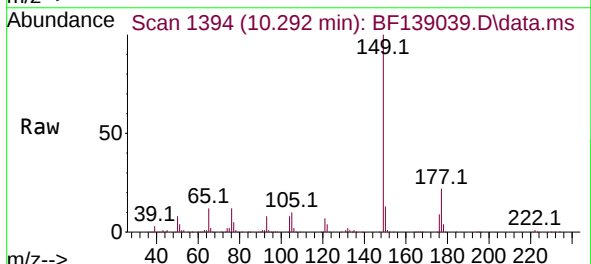
Ion	Ratio	Lower	Upper
232	100		
131	53.0	37.0	55.4
130	2.9	2.0	3.0
166	32.4	24.7	37.1

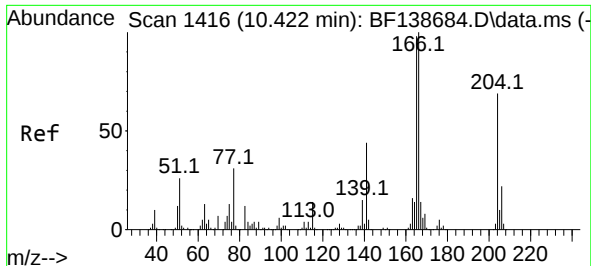


#60
Diethylphthalate
Concen: 56.892 ng
RT: 10.292 min Scan# 1394
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:149 Resp: 308006

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.8	26.8
150	12.5	10.1	15.1

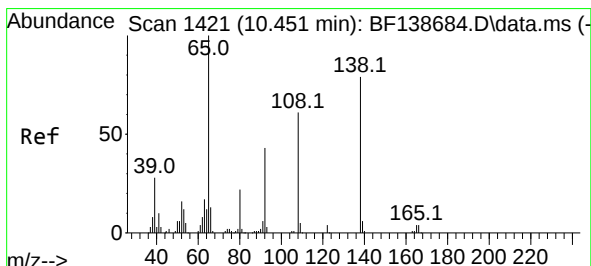
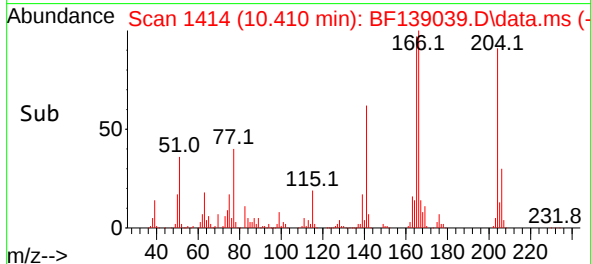
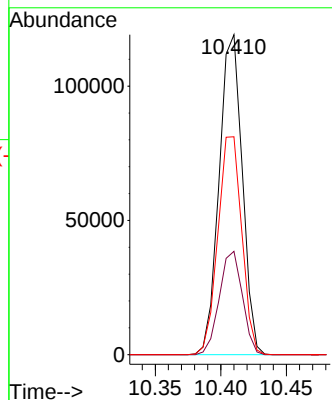
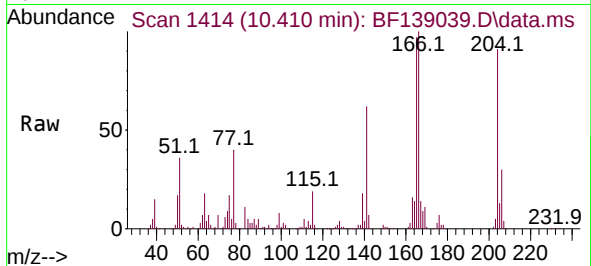




#61
4-Chlorophenyl-phenylether
Concen: 53.246 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

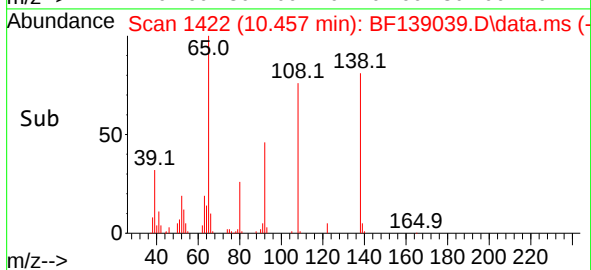
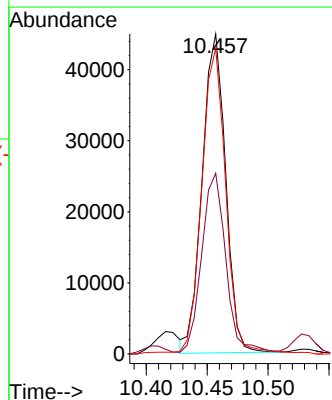
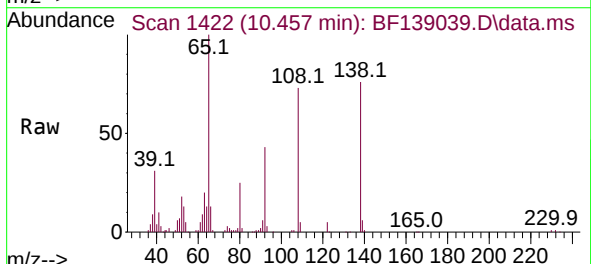
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

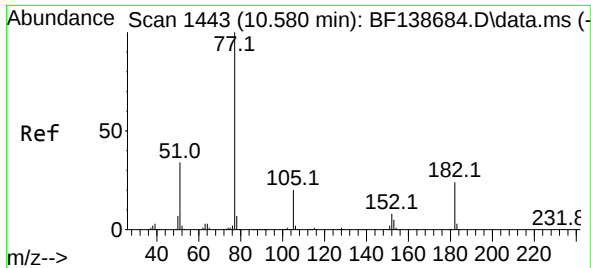
Tgt Ion:204 Resp: 145982
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 68.1 51.4 77.0



#62
4-Nitroaniline
Concen: 47.460 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:138 Resp: 60082
Ion Ratio Lower Upper
138 100
92 56.4 34.2 74.2
108 95.6 56.2 96.2

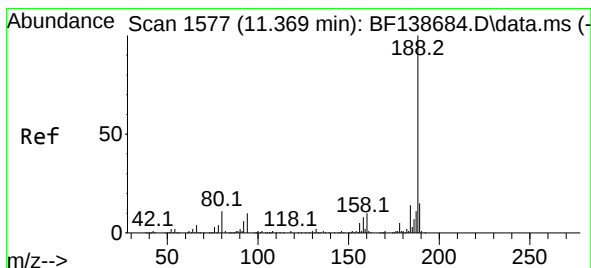
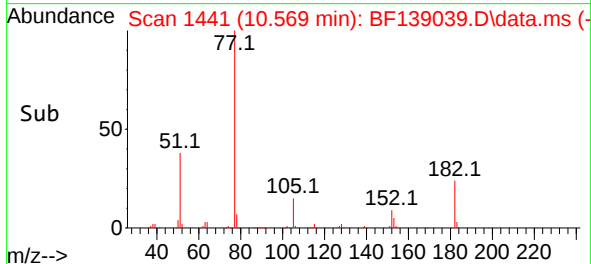
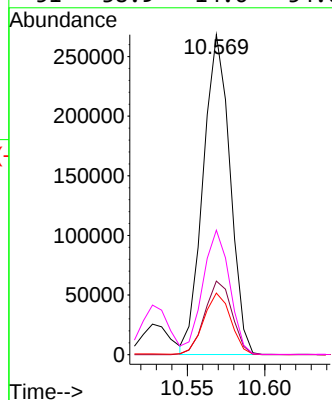
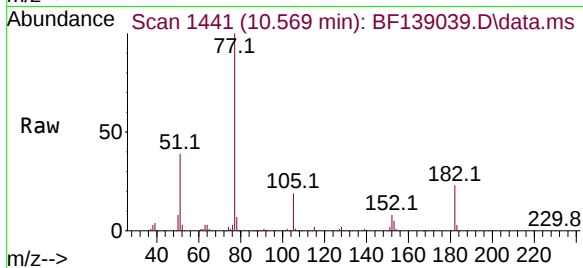




#63
Azobenzene
Concen: 53.840 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

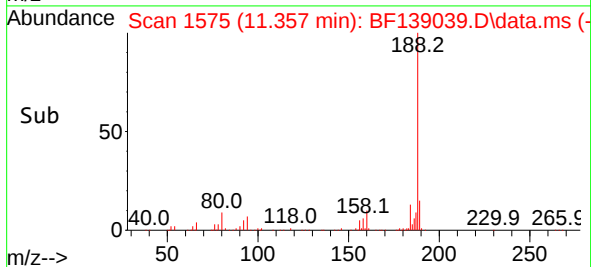
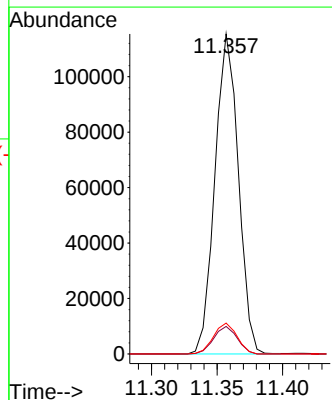
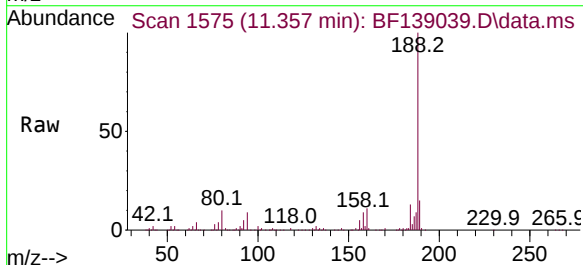
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

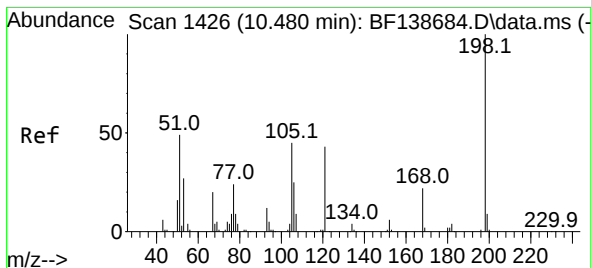
Tgt Ion: 77	Resp: 323287
Ion Ratio	Lower Upper
77 100	
182 23.0	3.4 43.4
105 19.3	0.2 40.2
51 38.9	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:188	Resp: 143290
Ion Ratio	Lower Upper
188 100	
94 8.6	7.6 11.4
80 9.6	8.6 12.8

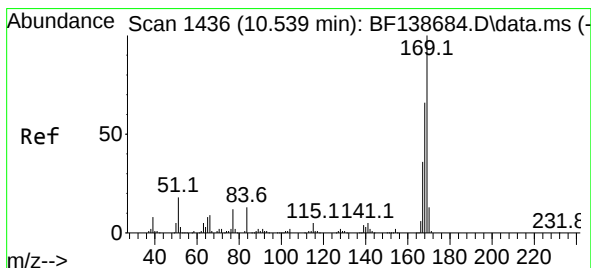
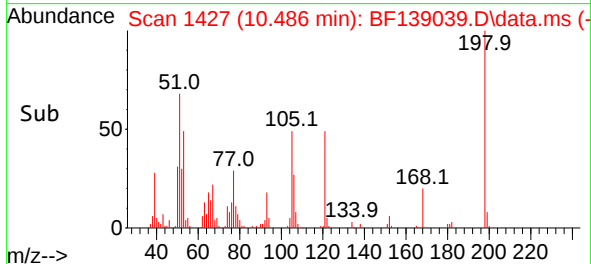
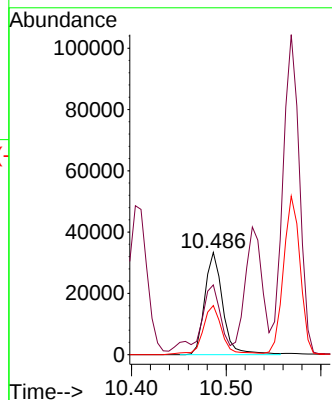
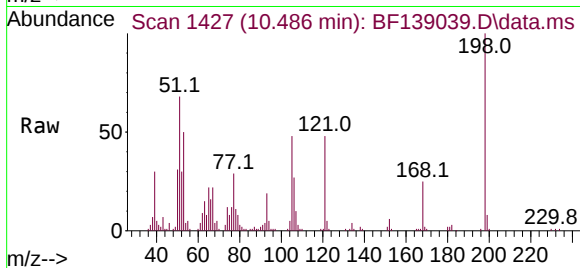




#65
4,6-Dinitro-2-methylphenol
Concen: 50.322 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

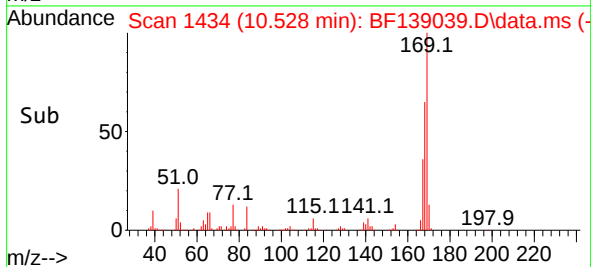
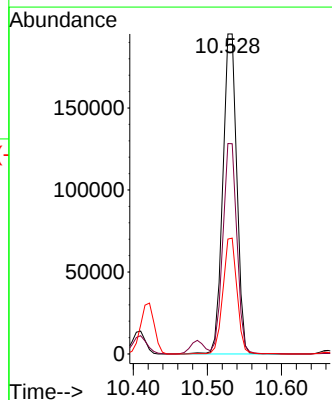
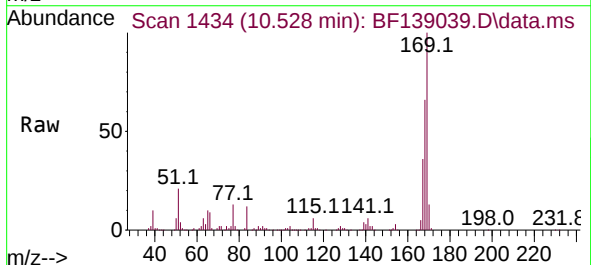
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

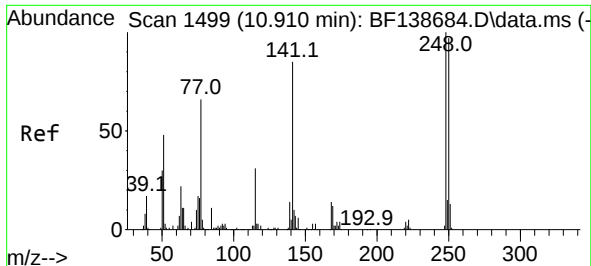
Tgt Ion:198 Resp: 43991
Ion Ratio Lower Upper
198 100
51 68.2 39.9 79.9
105 48.1 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 57.047 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:169 Resp: 255508
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 35.9 29.0 43.6

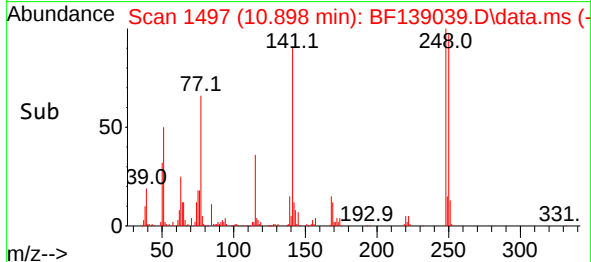
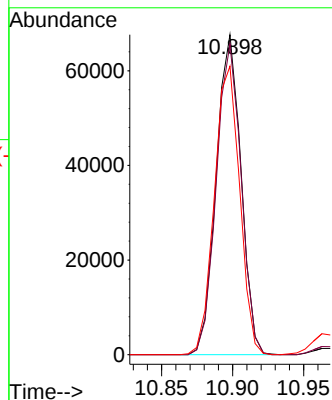
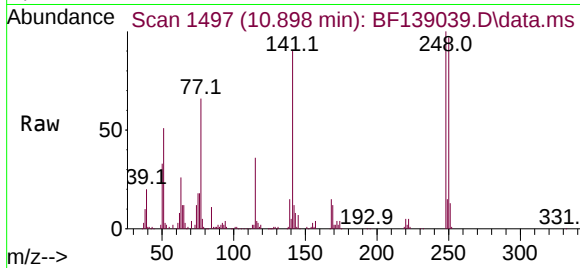




#67
4-Bromophenyl-phenylether
Concen: 52.867 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

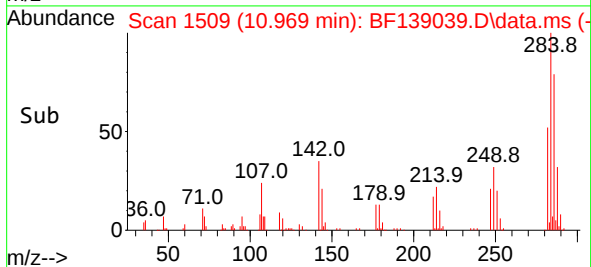
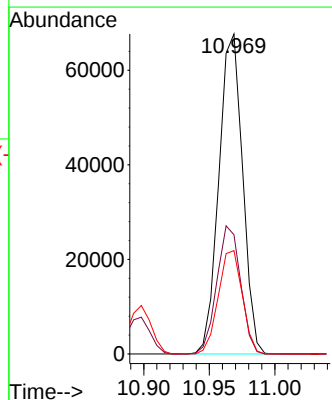
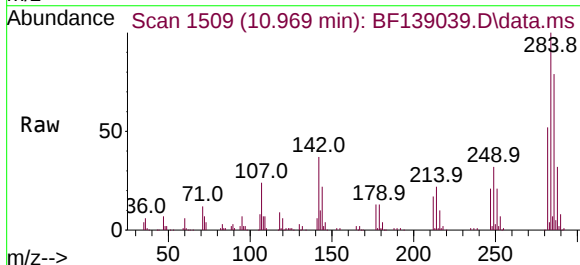
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

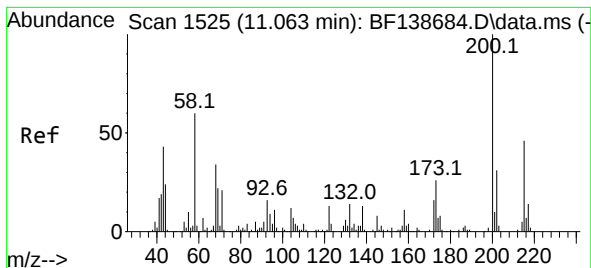
Tgt Ion:	248	Resp:	82017
Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.7	116.5
141	90.1	68.0	102.0



#68
Hexachlorobenzene
Concen: 53.132 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:	284	Resp:	85108
Ion	Ratio	Lower	Upper
284	100		
142	37.2	31.3	46.9
249	32.3	27.2	40.8





#69

Atrazine

Concen: 71.907 ng

RT: 11.057 min Scan# 1524

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

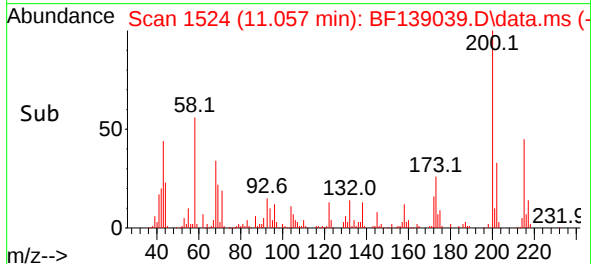
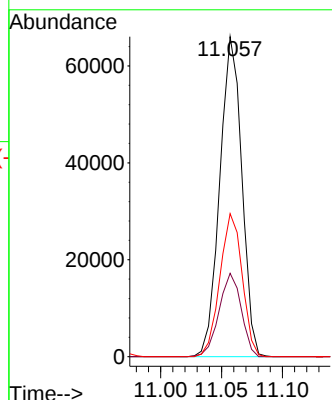
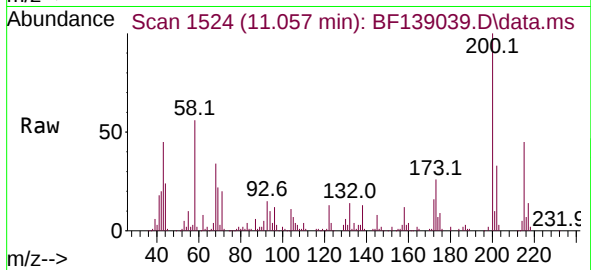
Tgt Ion:200 Resp: 83094

Ion Ratio Lower Upper

200 100

173 26.1 6.0 46.0

215 44.7 26.1 66.1



#70

Pentachlorophenol

Concen: 70.267 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

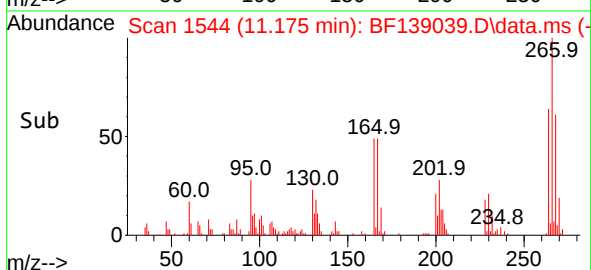
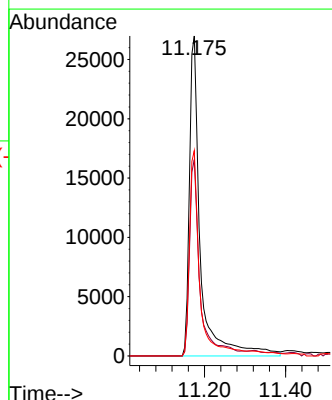
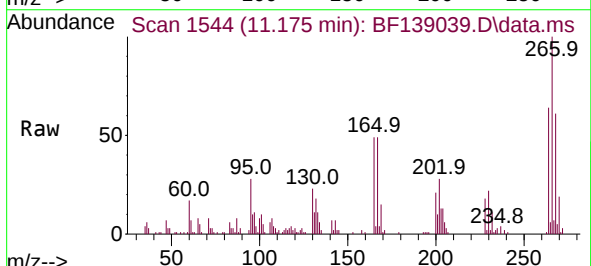
Tgt Ion:266 Resp: 50733

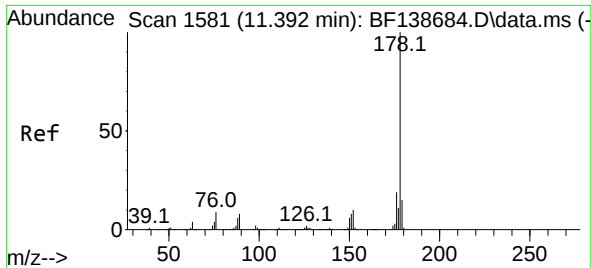
Ion Ratio Lower Upper

266 100

268 61.3 49.2 73.8

264 64.2 49.8 74.6

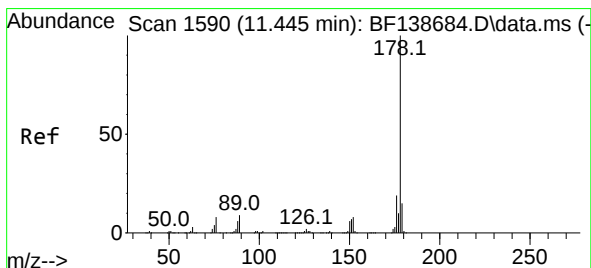
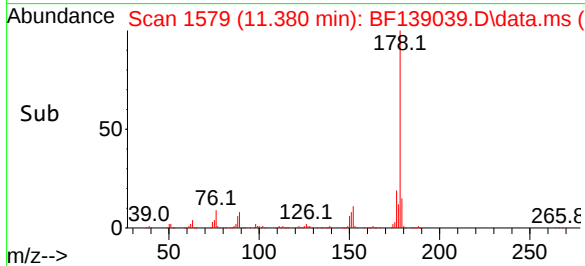
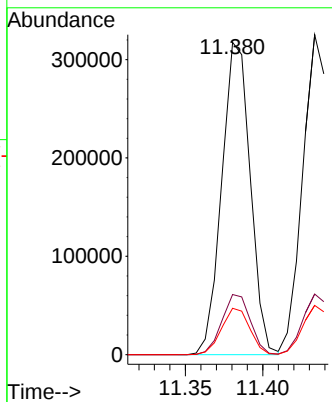
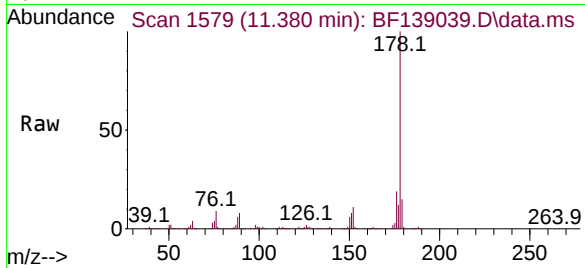




#71
Phenanthrene
Concen: 55.115 ng
RT: 11.380 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

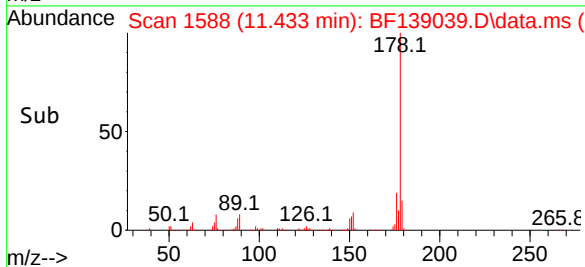
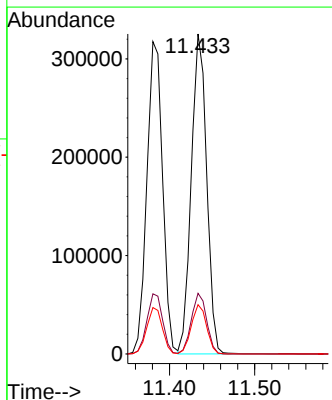
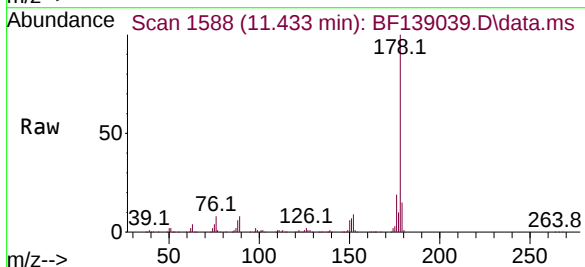
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

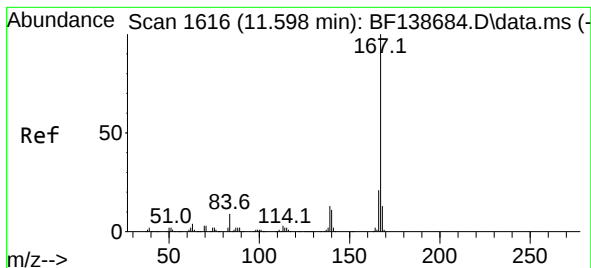
Tgt Ion:178 Resp: 406658
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 56.038 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:178 Resp: 407318
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 51.560 ng

RT: 11.592 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

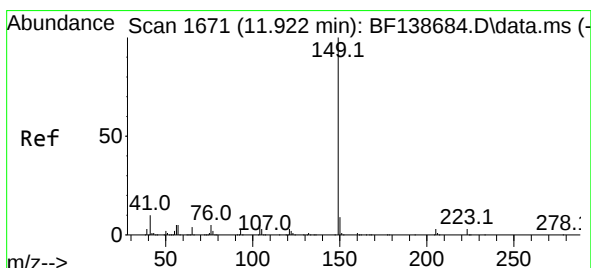
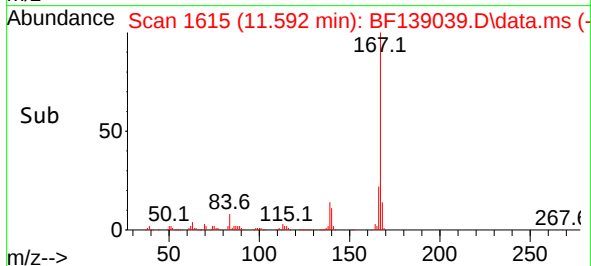
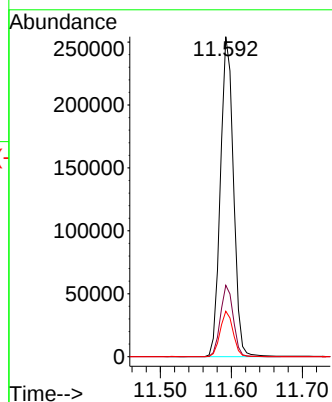
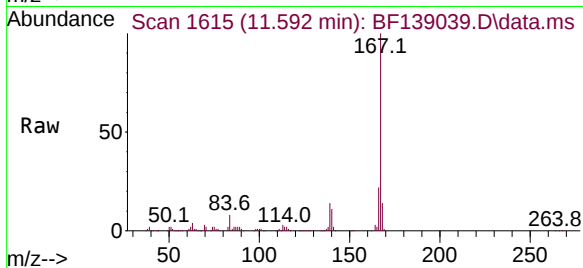
Tgt Ion:167 Resp: 323331

Ion Ratio Lower Upper

167 100

166 22.3 17.2 25.8

139 14.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 62.049 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

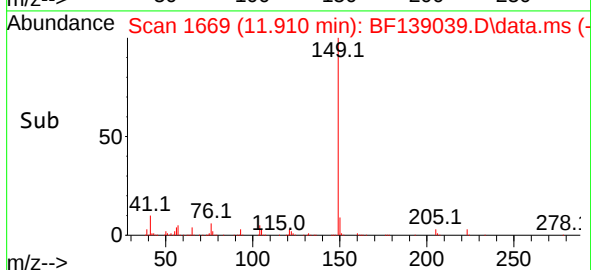
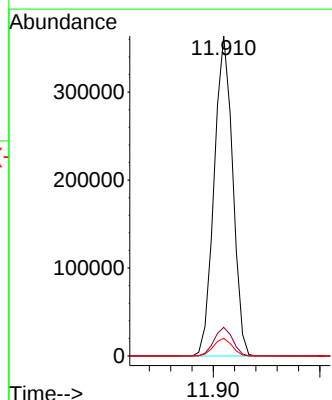
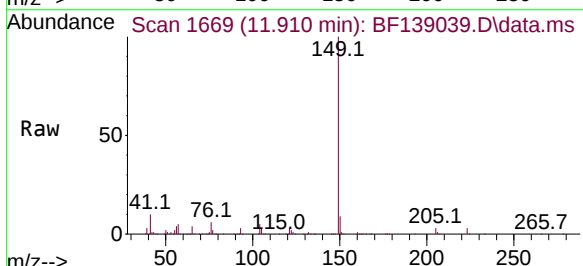
Tgt Ion:149 Resp: 437421

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.5 4.1 6.1

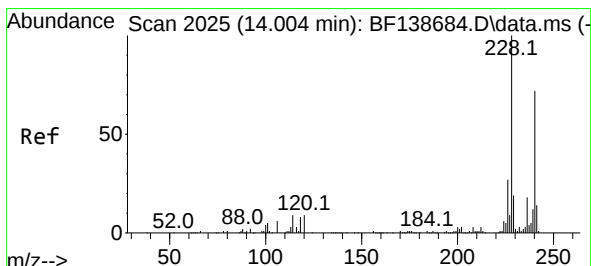
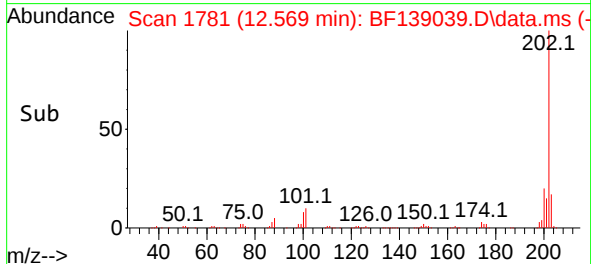
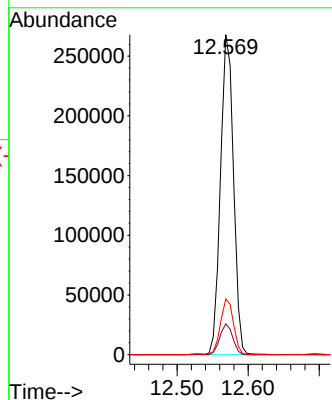
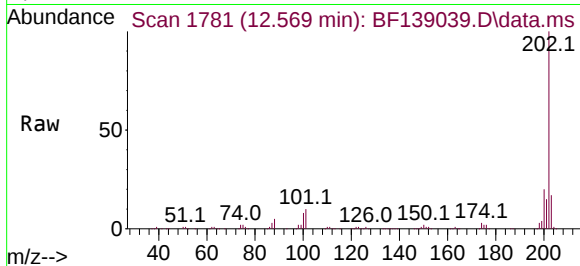




#75
Fluoranthene
Concen: 49.320 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

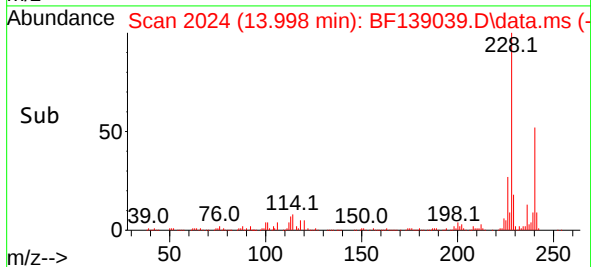
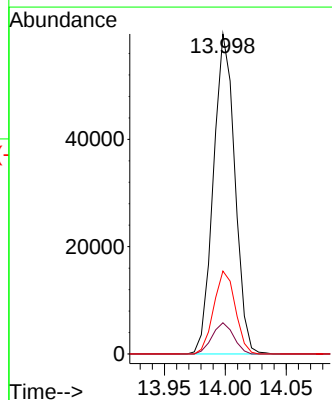
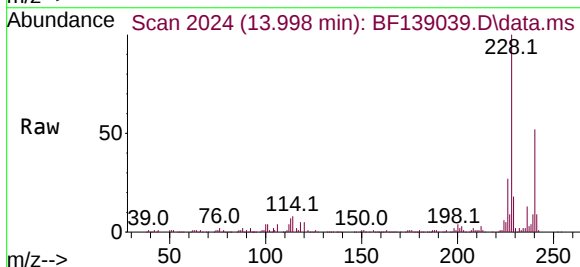
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

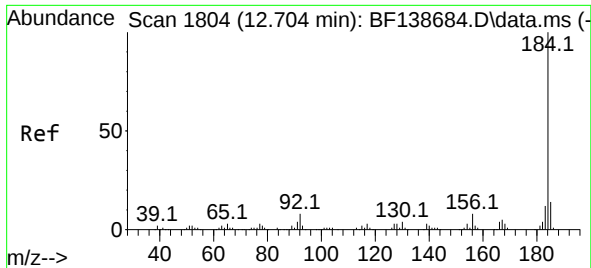
Tgt Ion:202 Resp: 339723
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:240 Resp: 73082
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.9 19.8 29.8

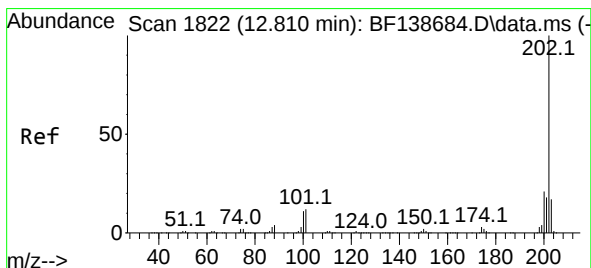
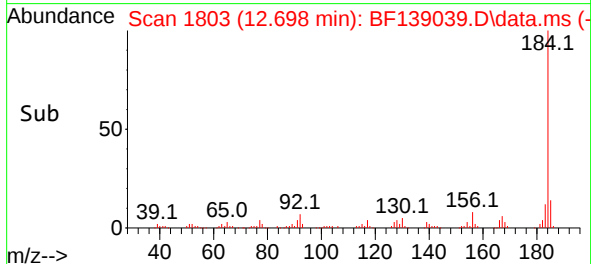
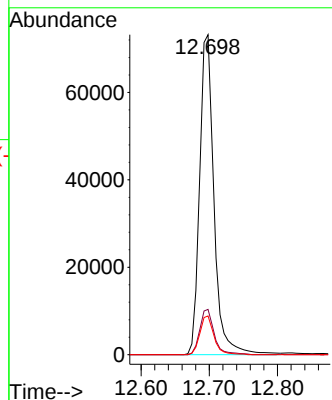
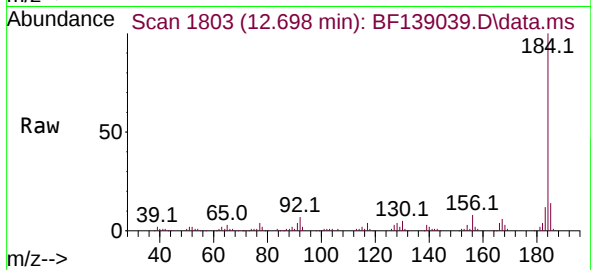




#77
Benzidine
Concen: 61.359 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

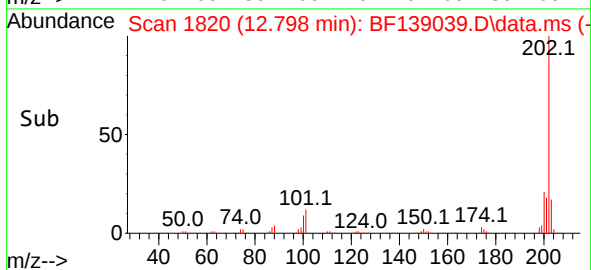
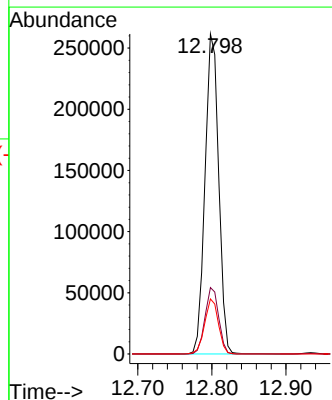
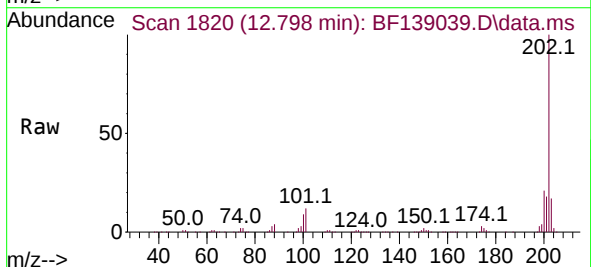
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:184 Resp: 107255
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 12.1 9.6 14.4



#78
Pyrene
Concen: 48.706 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:202 Resp: 335144
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 67.858 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

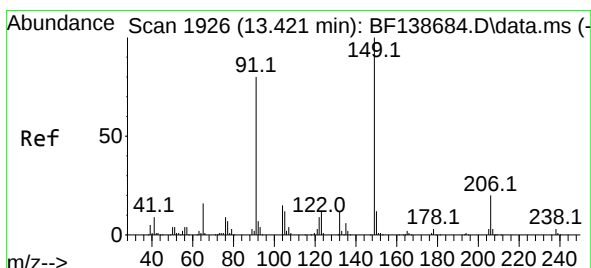
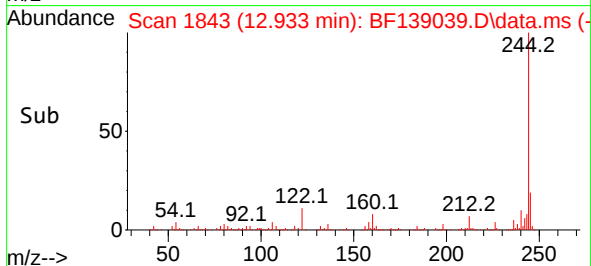
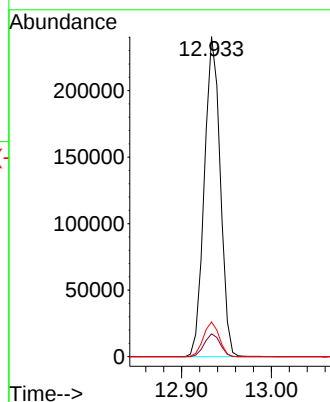
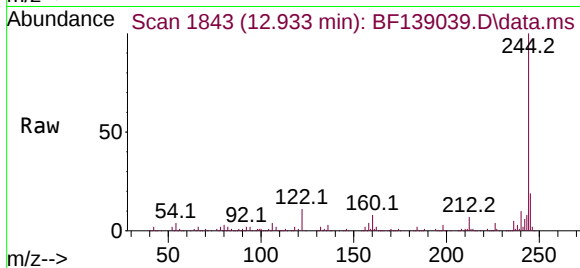
Tgt Ion:244 Resp: 296202

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.9 9.6 14.4



#80

Butylbenzylphthalate

Concen: 60.730 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

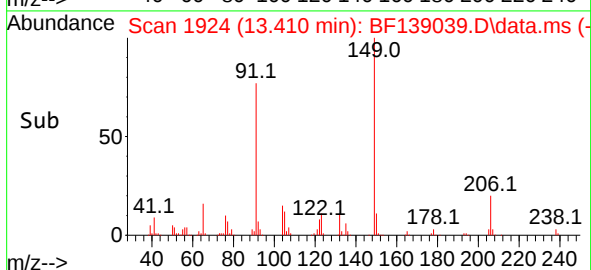
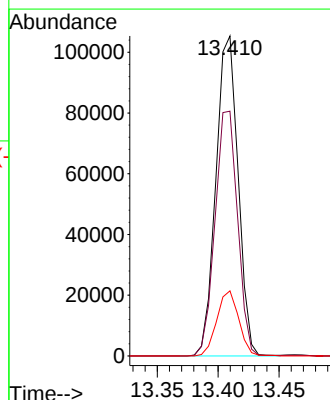
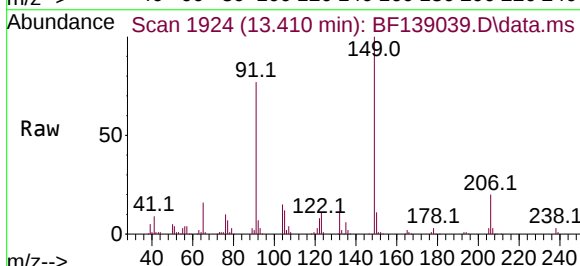
Tgt Ion:149 Resp: 133815

Ion Ratio Lower Upper

149 100

91 76.5 63.7 95.5

206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 55.578 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

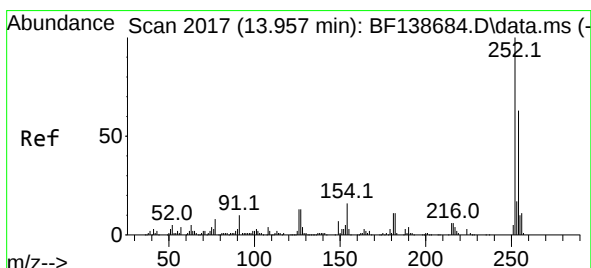
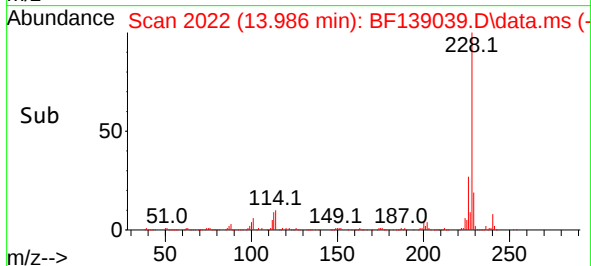
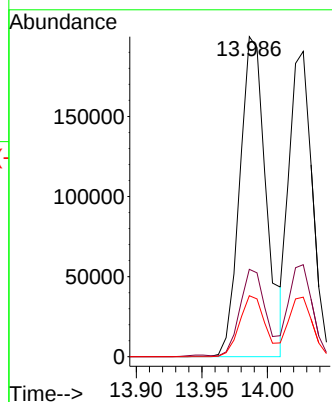
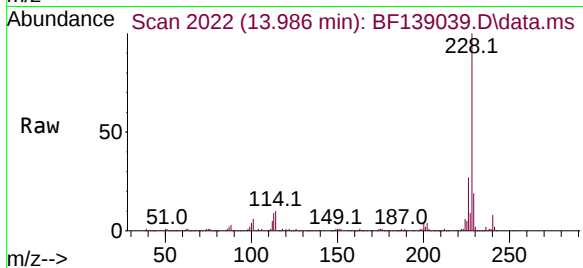
Tgt Ion:228 Resp: 279699

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.1 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 54.485 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

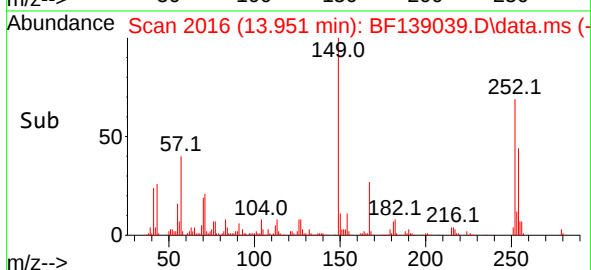
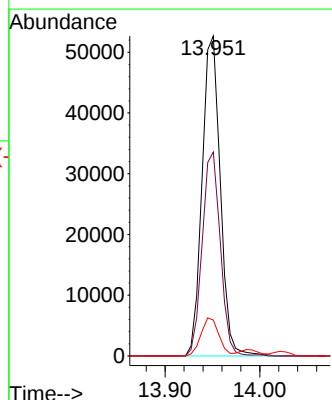
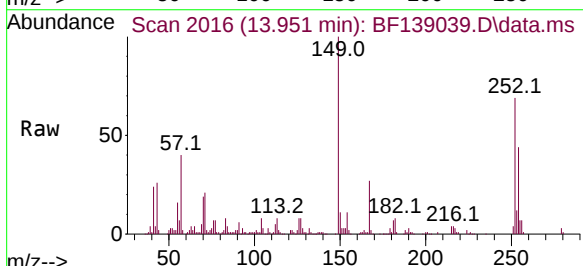
Tgt Ion:252 Resp: 70169

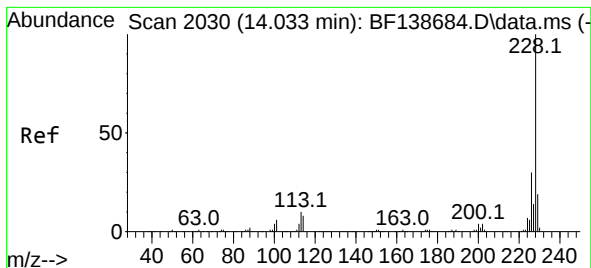
Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 11.3 10.2 15.2





#83

Chrysene

Concen: 50.955 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

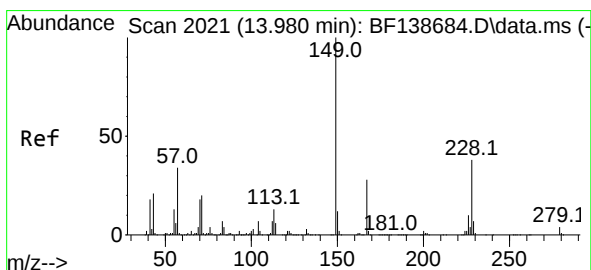
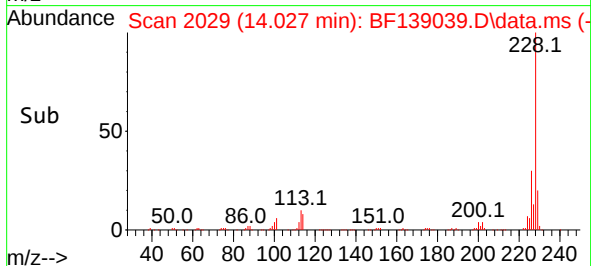
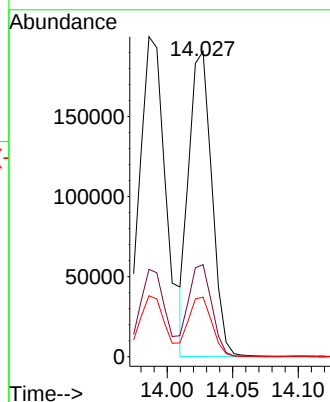
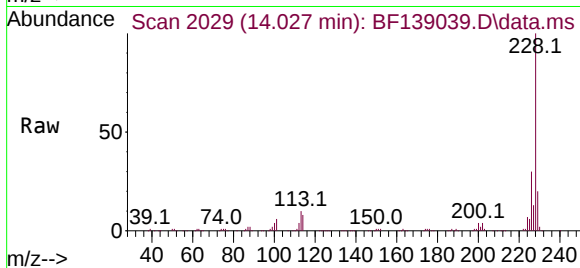
Tgt Ion:228 Resp: 231355

Ion Ratio Lower Upper

228 100

226 30.1 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.085 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

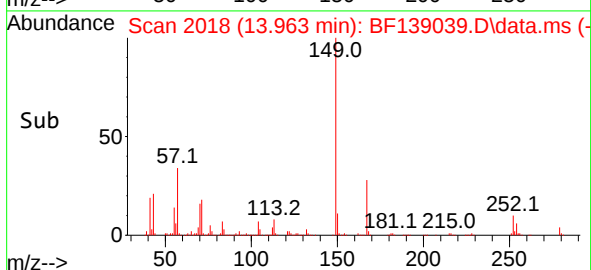
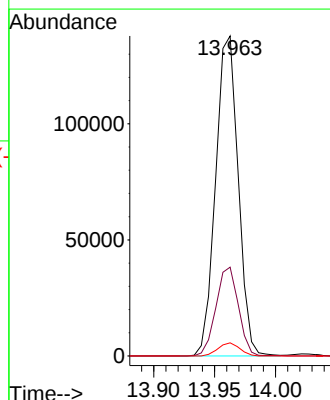
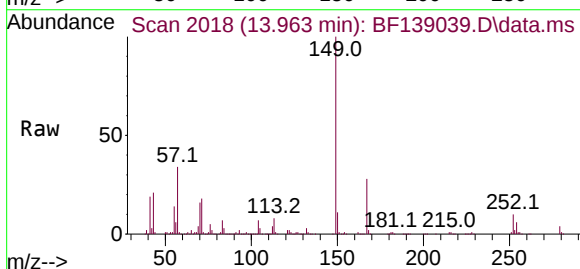
Tgt Ion:149 Resp: 177738

Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 50.591 ng

RT: 14.568 min Scan# 2121

Delta R.T. -0.023 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

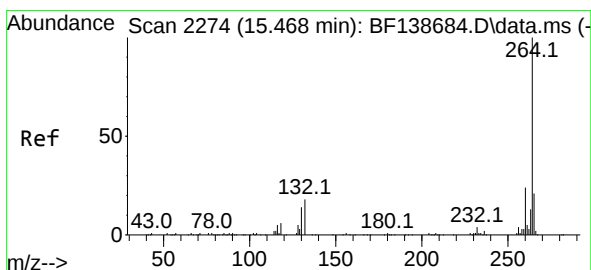
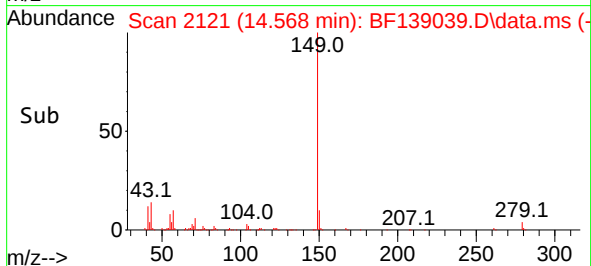
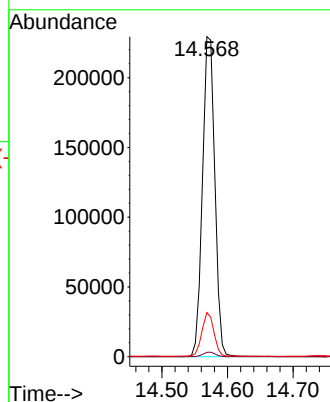
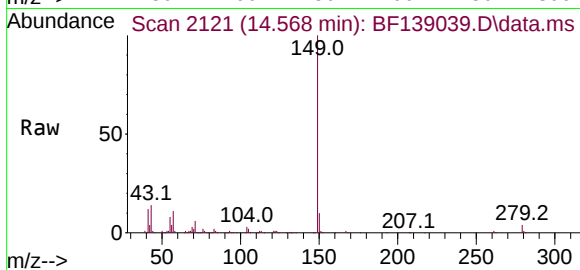
Tgt Ion:149 Resp: 302017

Ion Ratio Lower Upper

149 100

167 1.4 1.4 2.0

43 13.3 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

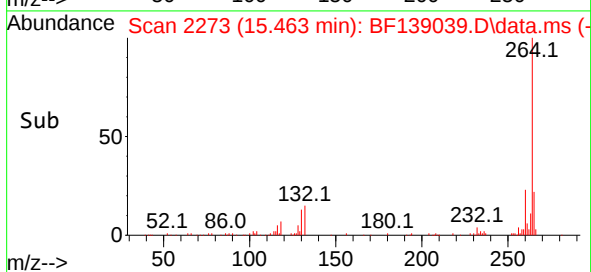
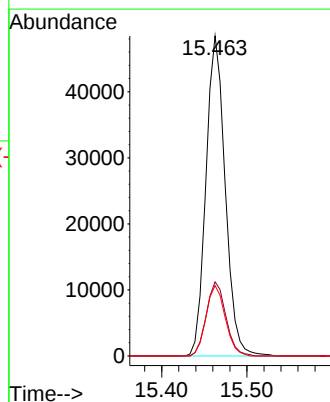
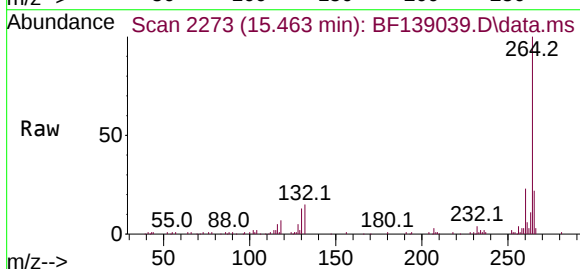
Tgt Ion:264 Resp: 76023

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 35.847 ng

RT: 16.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

Instrument :

BNA_F

ClientSampleId :

S-856-J-S0-1-1.5-080924MSD

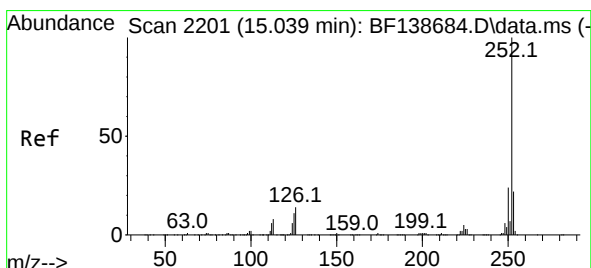
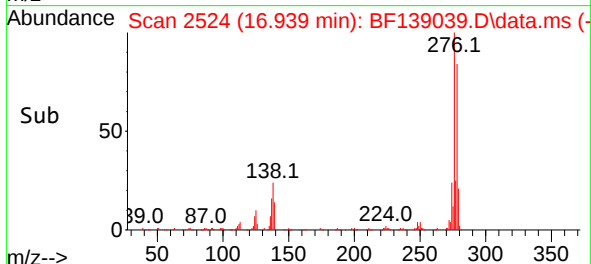
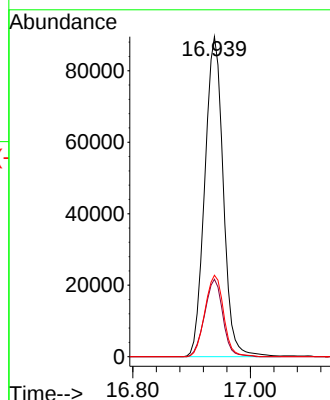
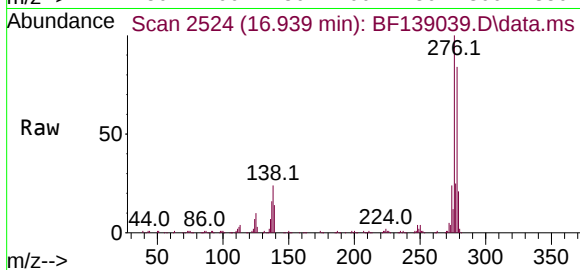
Tgt Ion:276 Resp: 195298

Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 56.411 ng

RT: 15.039 min Scan# 2201

Delta R.T. 0.000 min

Lab File: BF139039.D

Acq: 15 Aug 2024 23:47

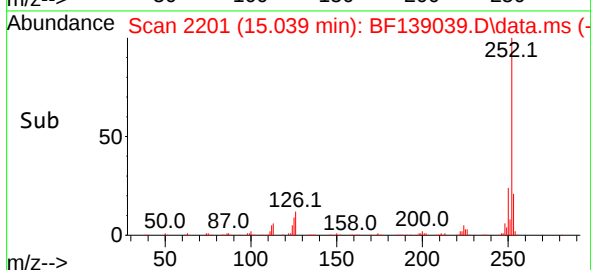
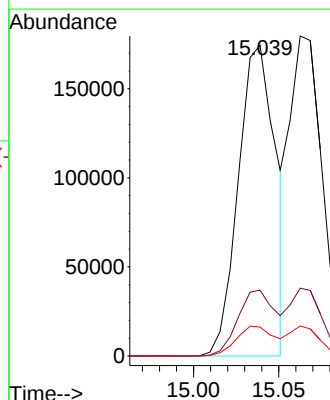
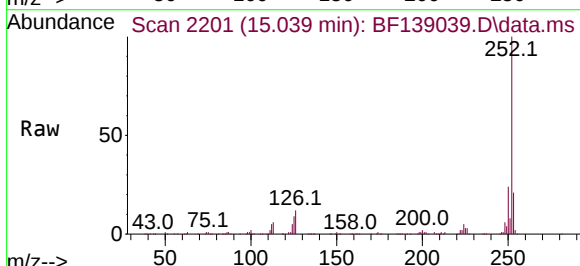
Tgt Ion:252 Resp: 265847

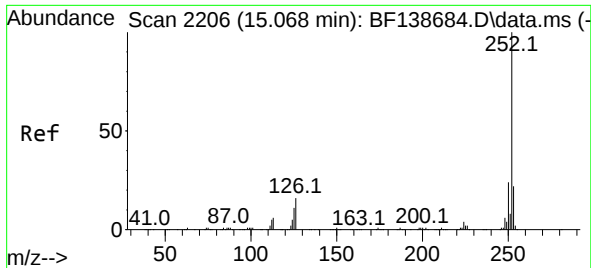
Ion Ratio Lower Upper

252 100

253 21.2 17.5 26.3

125 9.3 8.9 13.3

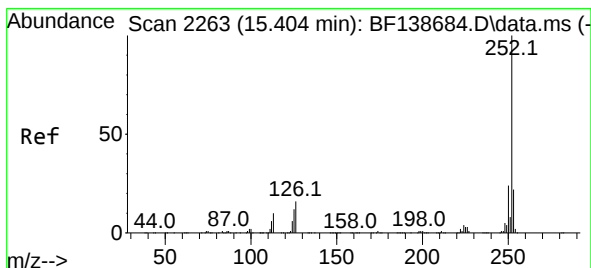
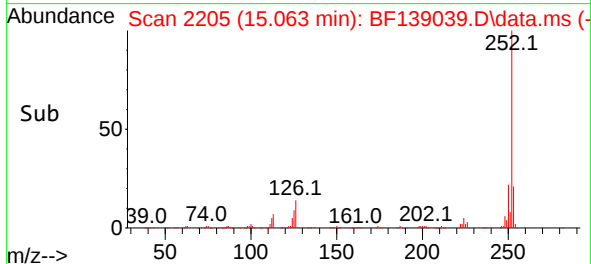
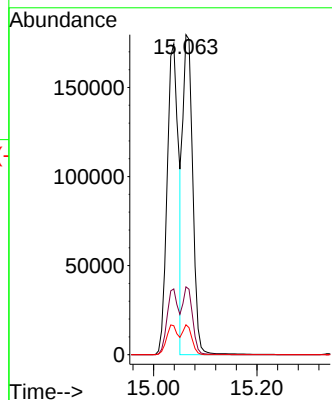
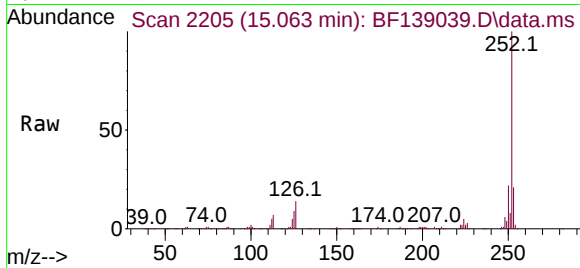




#89
Benzo(k)fluoranthene
Concen: 59.286 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

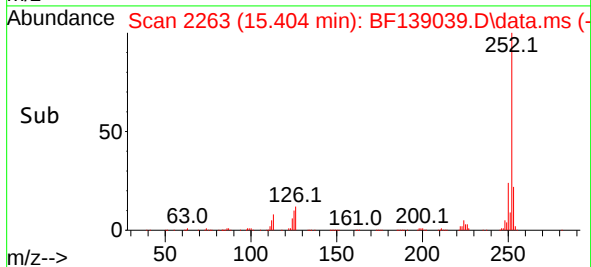
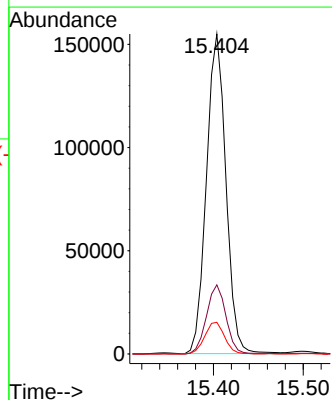
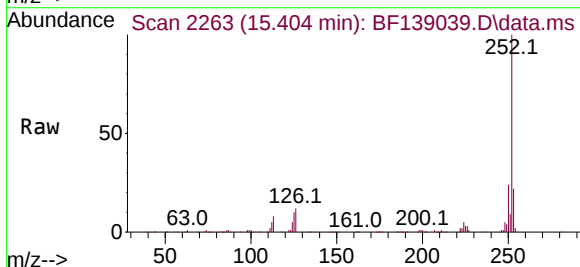
Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:252 Resp: 241905
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 9.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 58.814 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:252 Resp: 233141
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.9 9.5 14.3

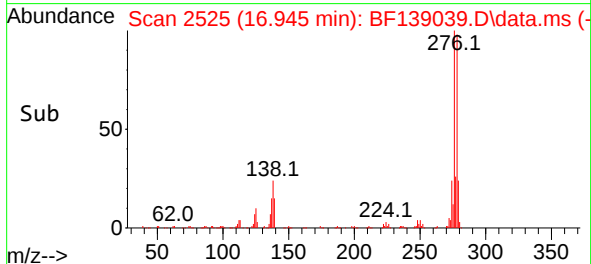
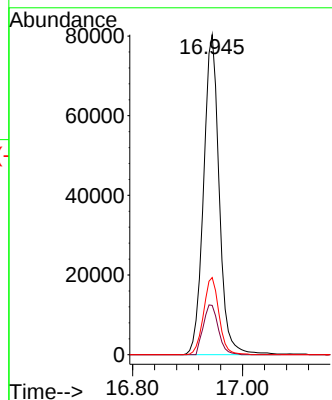
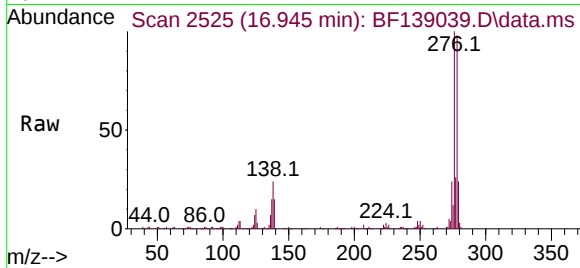




#91
Dibenzo(a,h)anthracene
Concen: 35.442 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Instrument :
BNA_F
ClientSampleId :
S-856-J-S0-1-1.5-080924MSD

Tgt Ion:278 Resp: 158502
Ion Ratio Lower Upper
278 100
139 15.4 14.0 21.0
279 24.1 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 29.902 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF139039.D
Acq: 15 Aug 2024 23:47

Tgt Ion:276 Resp: 138769
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 19.5 18.5 27.7

