

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138739.D
 Acq On : 02 Aug 2024 10:55
 Operator : RC/JU
 Sample : P3396-17MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-01MS

Quant Time: Aug 02 11:22:06 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	6.845	152	61815	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	249938	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	129605	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	206224	20.000	ng	0.00
76) Chrysene-d12	14.010	240	111808	20.000	ng	0.00
86) Perylene-d12	15.474	264	129828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	234125	58.466	ng	0.00
7) Phenol-d6	6.481	99	191701	35.656	ng	0.00
23) Nitrobenzene-d5	7.410	82	475756	93.064	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	158072	148.894	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	838681	97.227	ng	0.00
79) Terphenyl-d14	12.951	244	747465	111.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	31626	18.039	ng	99
3) Pyridine	3.387	79	74118	17.452	ng	96
4) n-Nitrosodimethylamine	3.322	42	51982	20.551	ng	# 97
6) Aniline	6.510	93	171724	35.815	ng	# 83
8) 2-Chlorophenol	6.634	128	178952	42.475	ng	97
9) Benzaldehyde	6.398	77	12886	3.998	ng	97
10) Phenol	6.498	94	90465	15.981	ng	# 60
11) bis(2-Chloroethyl)ether	6.581	93	222239	51.018	ng	100
12) 1,3-Dichlorobenzene	6.787	146	190700	40.436	ng	99
13) 1,4-Dichlorobenzene	6.863	146	194355	40.836	ng	98
14) 1,2-Dichlorobenzene	7.016	146	186854	42.009	ng	98
15) Benzyl Alcohol	6.987	79	135560	34.983	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	379699	50.649	ng	91
17) 2-Methylphenol	7.104	107	119701	34.407	ng	# 92
18) Hexachloroethane	7.351	117	70585	39.399	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	179102	55.155	ng	98
20) 3+4-Methylphenols	7.257	107	134168	30.058	ng	# 76
22) Acetophenone	7.257	105	303298	49.561	ng	95
24) Nitrobenzene	7.434	77	255187	49.056	ng	97
25) Isophorone	7.669	82	484037	55.451	ng	99
26) 2-Nitrophenol	7.745	139	118260	52.841	ng	98
27) 2,4-Dimethylphenol	7.781	122	138204	51.612	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	287446	54.074	ng	99
29) 2,4-Dichlorophenol	7.992	162	172015	49.992	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	177024	44.581	ng	99
31) Naphthalene	8.151	128	625072	47.512	ng	99
32) Benzoic acid	7.886	122	21126	10.037	ng	96
33) 4-Chloroaniline	8.198	127	184865	41.861	ng	99
34) Hexachlorobutadiene	8.263	225	99170	41.233	ng	99
35) Caprolactam	8.575	113	8482	8.261	ng	96
36) 4-Chloro-3-methylphenol	8.681	107	189530	48.197	ng	99
37) 2-Methylnaphthalene	8.839	142	425674	51.232	ng	100
38) 1-Methylnaphthalene	8.939	142	395647	48.595	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	180380	50.102	ng	99
41) Hexachlorocyclopentadiene	8.986	237	131429	132.877	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	122169	55.655	ng	99

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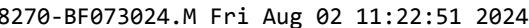
Instrument :
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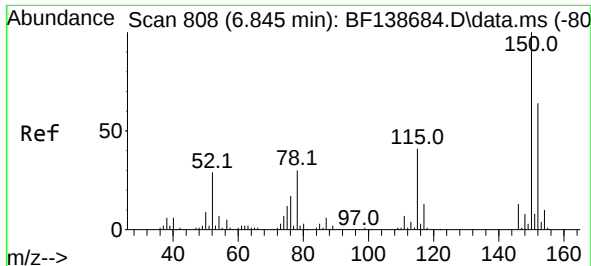
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	127498	53.130	ng	100
46) 1,1'-Biphenyl	9.304	154	519627	51.192	ng	99
47) 2-Chloronaphthalene	9.328	162	400111	53.000	ng	99
48) 2-Nitroaniline	9.428	65	148554	58.045	ng	97
49) Acenaphthylene	9.745	152	641082	59.875	ng	99
50) Dimethylphthalate	9.610	163	542625	65.478	ng	100
51) 2,6-Dinitrotoluene	9.669	165	107579	57.521	ng	95
52) Acenaphthene	9.916	154	389078	54.058	ng	99
53) 3-Nitroaniline	9.839	138	84626	43.770	ng	97
54) 2,4-Dinitrophenol	9.957	184	94923	110.256	ng	97
55) Dibenzofuran	10.086	168	576704	56.762	ng	100
56) 4-Nitrophenol	10.016	139	35071	30.164	ng	99
57) 2,4-Dinitrotoluene	10.075	165	140329	58.810	ng	98
58) Fluorene	10.433	166	456134	56.377	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	105947	57.748	ng	97
60) Diethylphthalate	10.304	149	480069	61.096	ng	99
61) 4-Chlorophenyl-phenylether	10.422	204	225557	56.684	ng	97
62) 4-Nitroaniline	10.457	138	99977	54.414	ng	98
63) Azobenzene	10.580	77	514613	59.050	ng	99
65) 4,6-Dinitro-2-methylph...	10.486	198	74315	59.067	ng	99
66) n-Nitrosodiphenylamine	10.545	169	392958	60.960	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	130192	58.310	ng	98
68) Hexachlorobenzene	10.975	284	134251	58.235	ng	99
69) Atrazine	11.069	200	118492	71.247	ng	99
70) Pentachlorophenol	11.174	266	104267	100.342	ng	97
71) Phenanthrene	11.392	178	626801	59.027	ng	99
72) Anthracene	11.445	178	652068	62.333	ng	100
73) Carbazole	11.604	167	526038	58.285	ng	100
74) Di-n-butylphthalate	11.927	149	703592	69.348	ng	100
75) Fluoranthene	12.580	202	574970	57.999	ng	100
77) Benzidine	12.704	184	154197	57.660	ng	99
78) Pyrene	12.810	202	565840	53.751	ng	99
80) Butylbenzylphthalate	13.421	149	236832	70.254	ng	100
81) Benzo(a)anthracene	13.998	228	457879	59.470	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	123506	62.684	ng	98
83) Chrysene	14.033	228	423902	61.026	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	341402	69.161	ng	100
85) Di-n-octyl phthalate	14.592	149	566978	62.080	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	535793	57.588	ng	99
88) Benzo(b)fluoranthene	15.045	252	475665	59.103	ng	99
89) Benzo(k)fluoranthene	15.074	252	407990	58.551	ng	100
90) Benzo(a)pyrene	15.415	252	418269	61.787	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	433893	56.812	ng	99
92) Benzo(g,h,i)perylene	17.392	276	411056	51.866	ng	99

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

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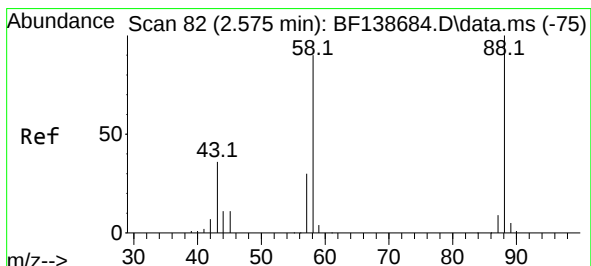
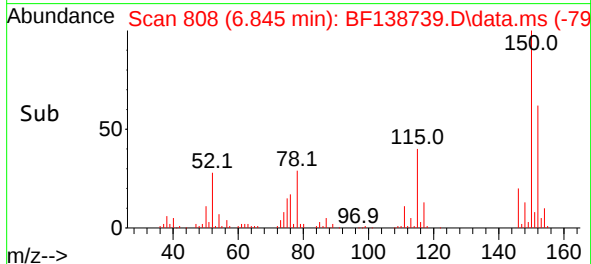
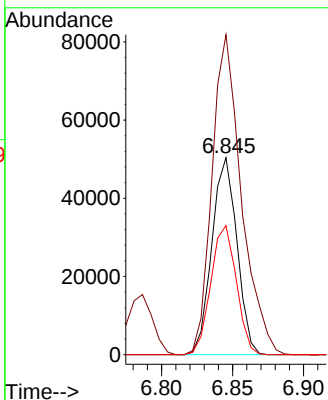
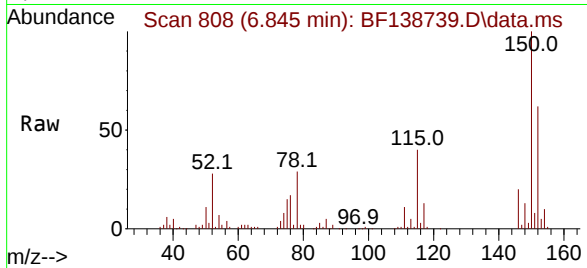




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138739.D
 Acq: 02 Aug 2024 10:55

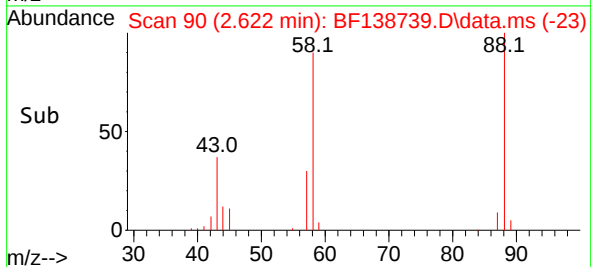
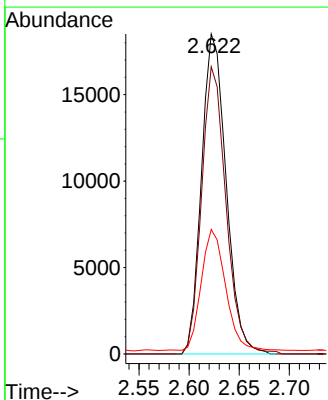
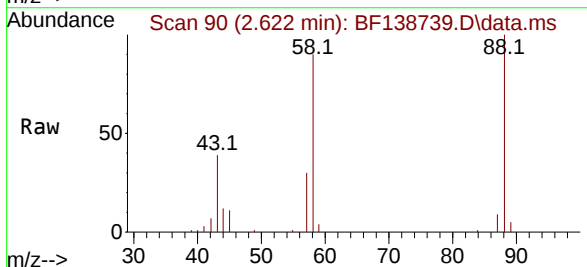
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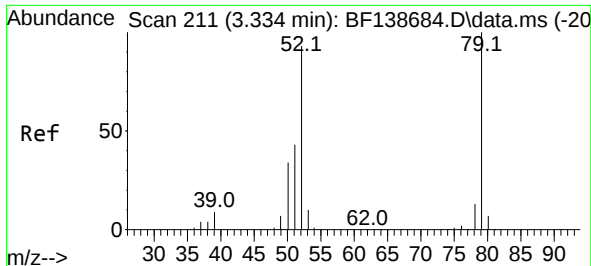
Tgt Ion:152 Resp: 61815
 Ion Ratio Lower Upper
 152 100
 150 162.4 126.0 189.0
 115 65.6 51.7 77.5



#2
 1,4-Dioxane
 Concen: 18.039 ng
 RT: 2.622 min Scan# 90
 Delta R.T. 0.047 min
 Lab File: BF138739.D
 Acq: 02 Aug 2024 10:55

Tgt Ion: 88 Resp: 31626
 Ion Ratio Lower Upper
 88 100
 58 89.0 71.6 107.4
 43 37.4 28.7 43.1





#3

Pyridine

Concen: 17.452 ng

RT: 3.387 min Scan# 211

Delta R.T. 0.053 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

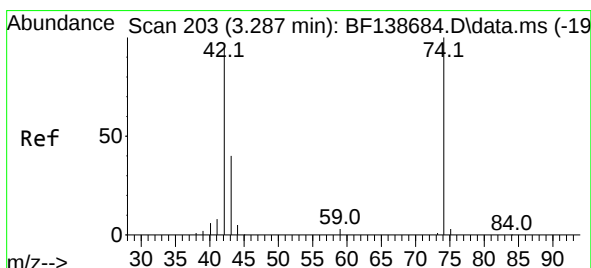
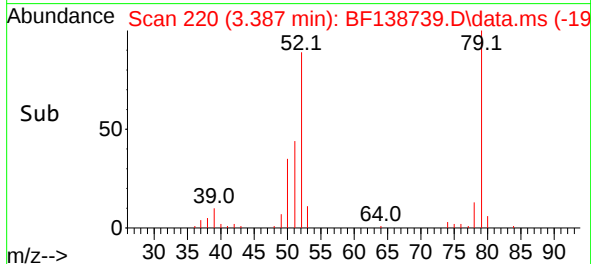
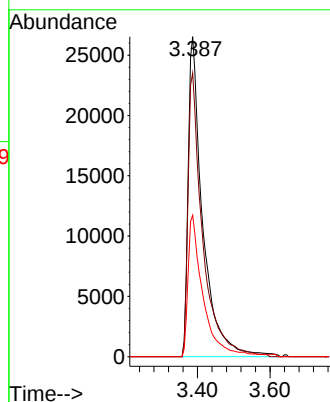
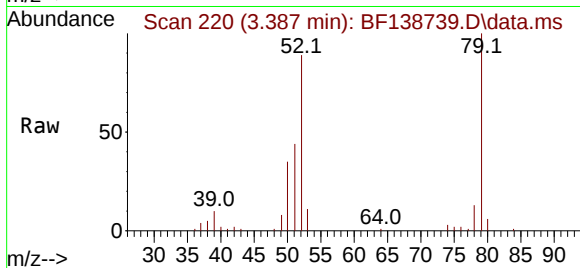
Tgt Ion: 79 Resp: 74118

Ion Ratio Lower Upper

79 100

52 88.7 74.7 112.1

51 44.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 20.551 ng

RT: 3.322 min Scan# 209

Delta R.T. 0.035 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

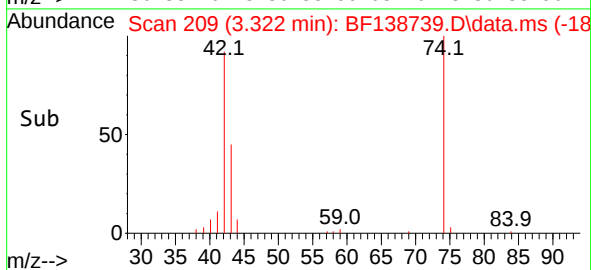
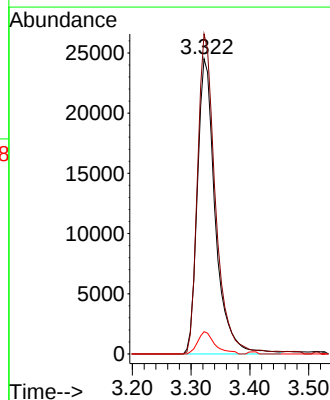
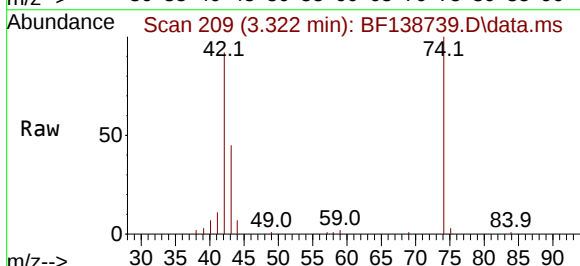
Tgt Ion: 42 Resp: 51982

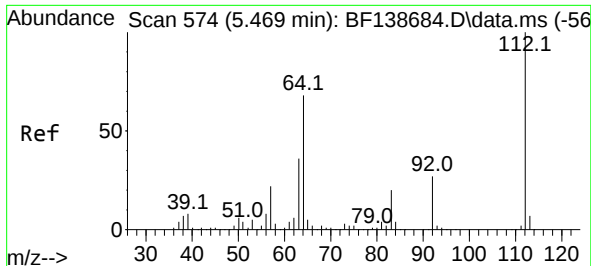
Ion Ratio Lower Upper

42 100

74 108.4 84.2 126.4

44 7.6 4.9 7.3#

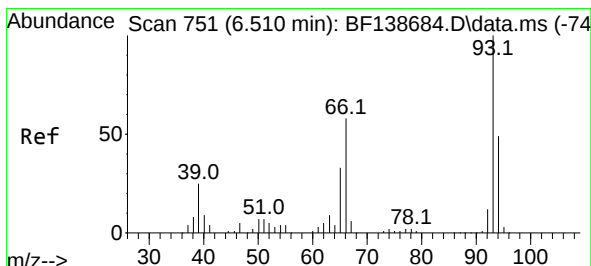
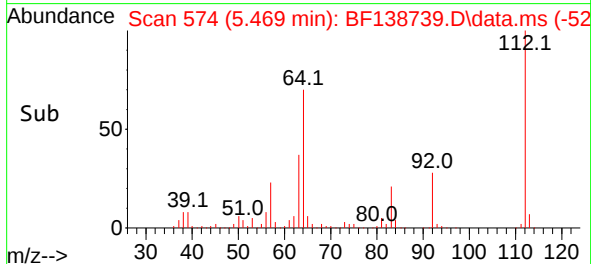
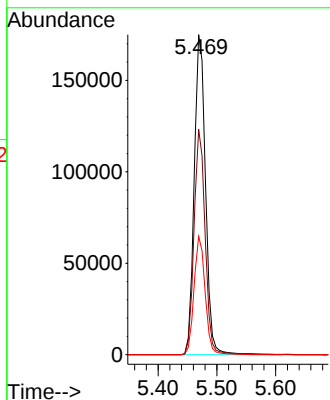
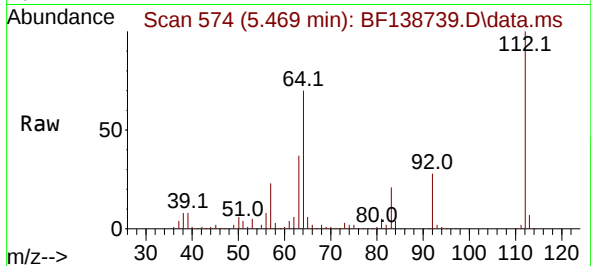




#5
2-Fluorophenol
Concen: 58.466 ng
RT: 5.469 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

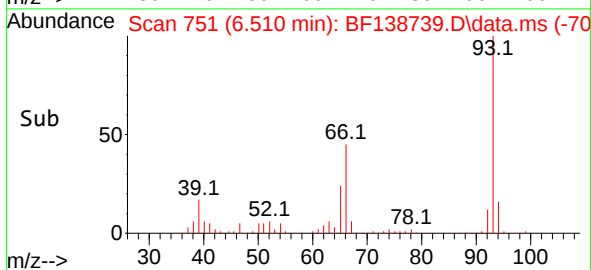
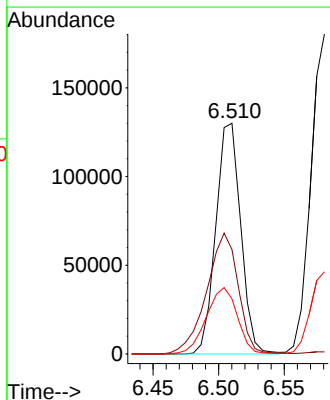
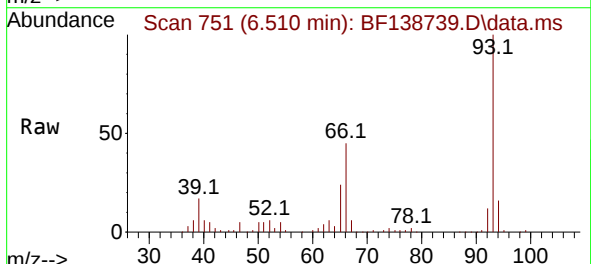
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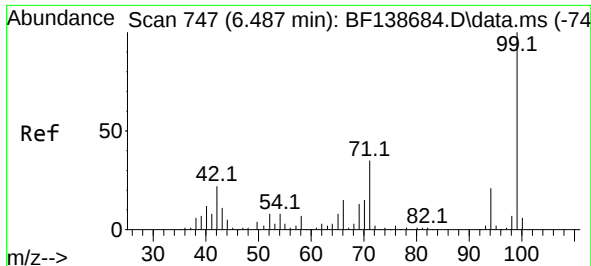
Tgt Ion:112 Resp: 234125
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 37.0 28.7 43.1



#6
Aniline
Concen: 35.815 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion: 93 Resp: 171724
Ion Ratio Lower Upper
93 100
66 45.3 46.9 70.3#
65 23.9 26.5 39.7#

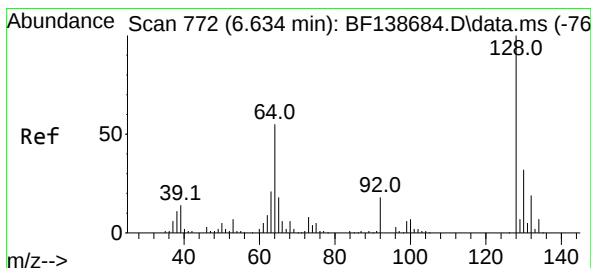
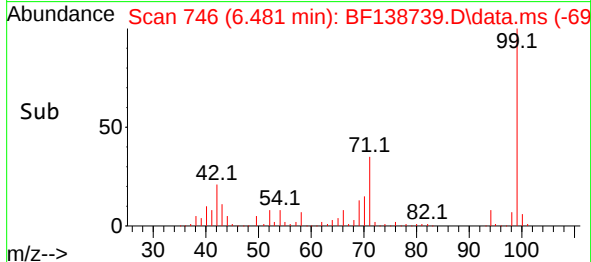
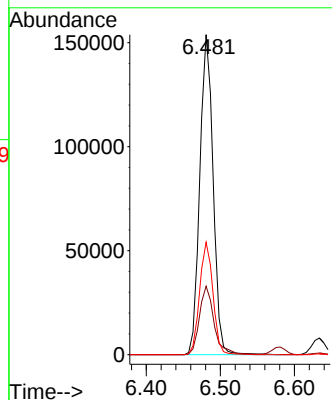
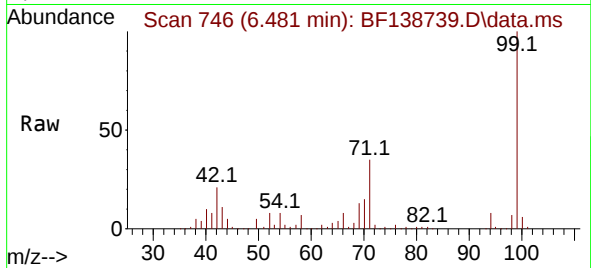




#7
Phenol-d6
Concen: 35.656 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

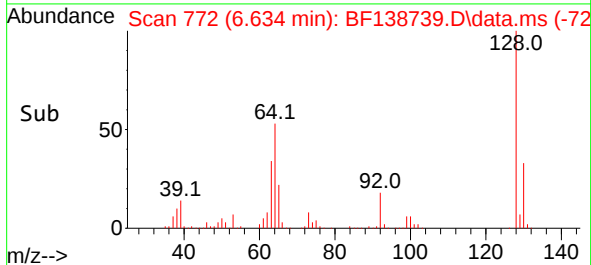
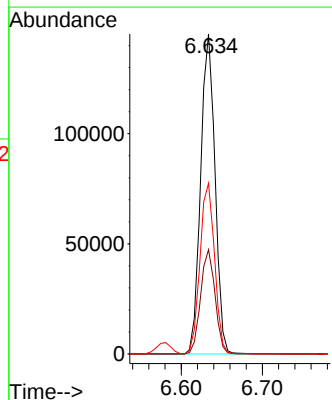
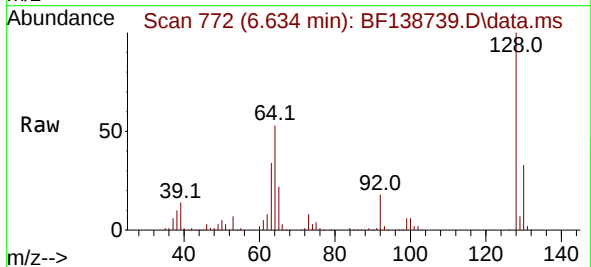
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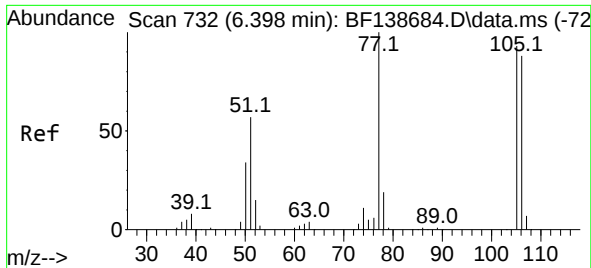
Tgt Ion: 99 Resp: 191701
Ion Ratio Lower Upper
99 100
42 21.4 17.4 26.0
71 35.2 28.1 42.1



#8
2-Chlorophenol
Concen: 42.475 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion: 128 Resp: 178952
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 53.4 36.3 76.3

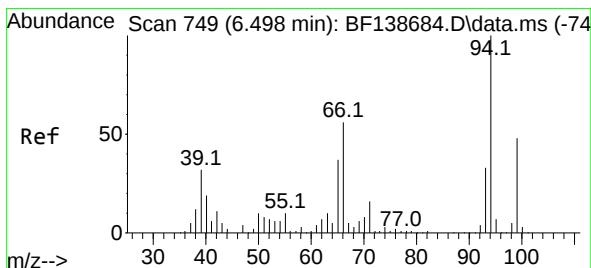
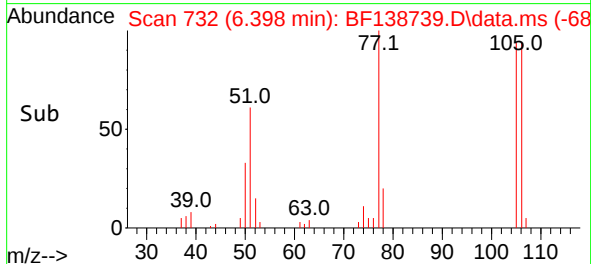
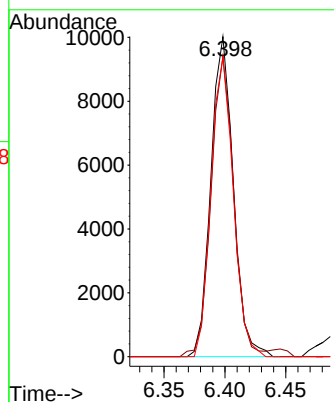
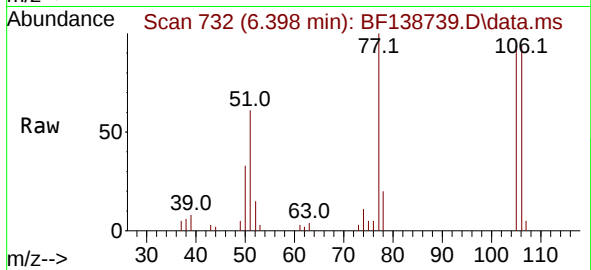




#9
Benzaldehyde
Concen: 3.998 ng
RT: 6.398 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

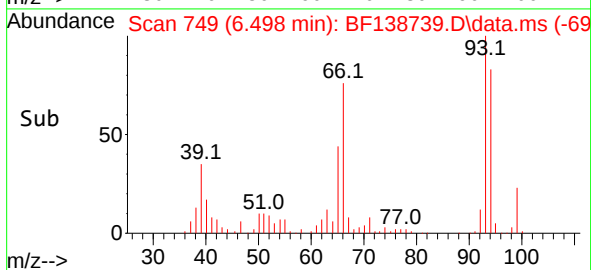
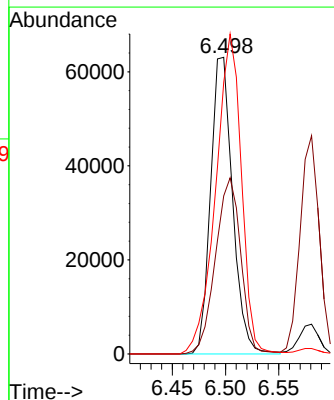
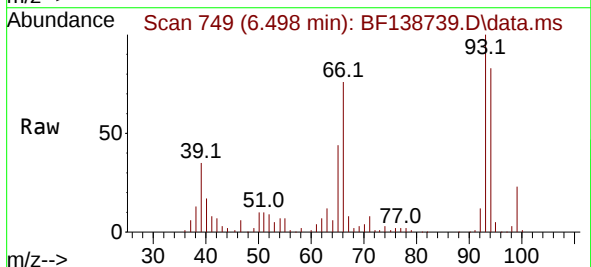
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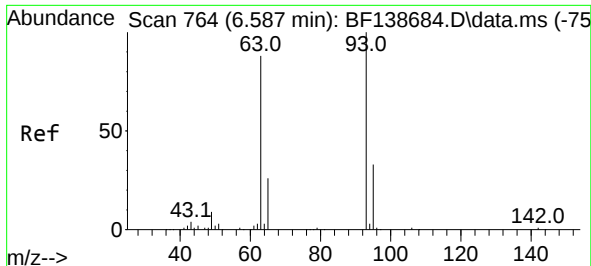
Tgt Ion:	77	Resp:	12886
Ion	Ratio	Lower	Upper
77	100		
105	93.8	72.9	112.9
106	93.6	68.4	108.4



#10
Phenol
Concen: 15.981 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:	94	Resp:	90465
Ion	Ratio	Lower	Upper
94	100		
65	53.3	16.9	56.9
66	91.5	36.5	76.5

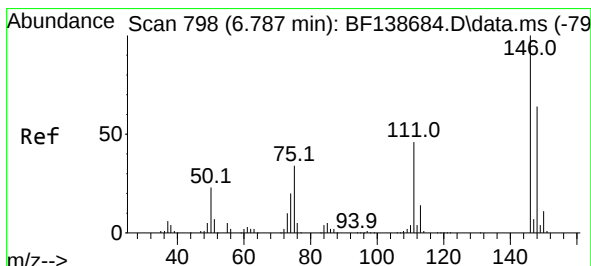
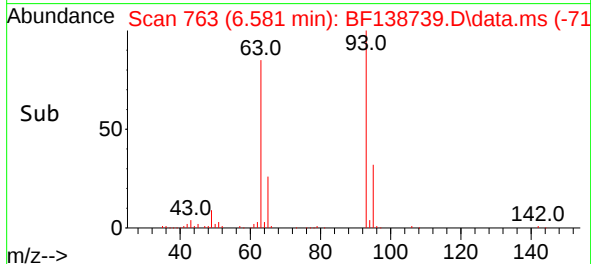
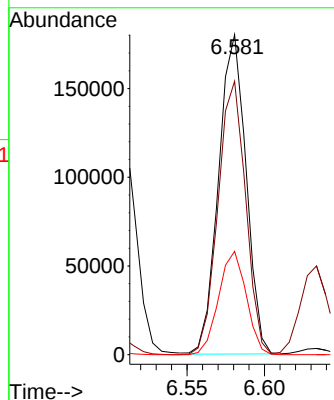
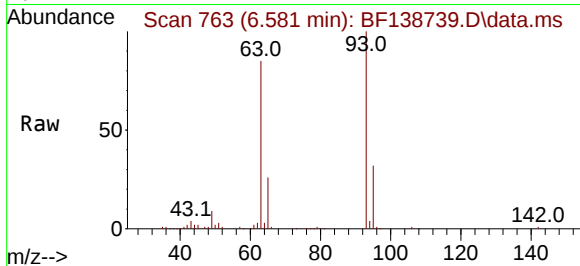




#11
bis(2-Chloroethyl)ether
Concen: 51.018 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

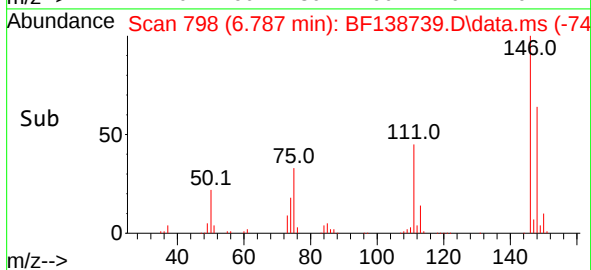
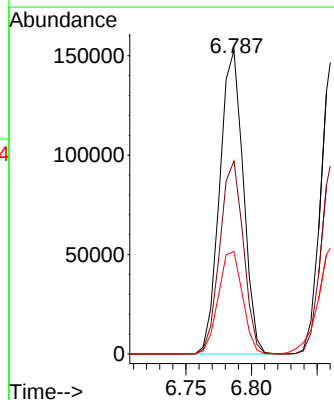
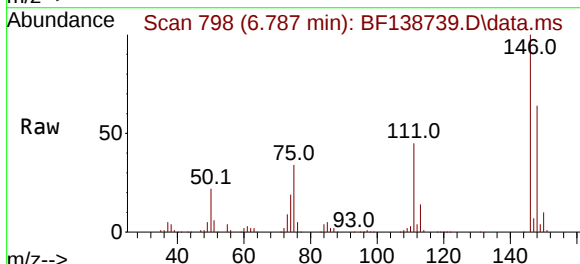
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

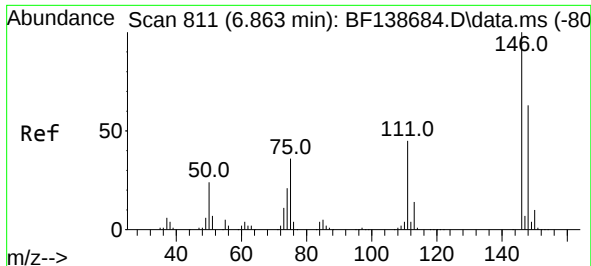
Tgt Ion: 93 Resp: 222239
Ion Ratio Lower Upper
93 100
63 85.5 65.3 105.3
95 32.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.436 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:146 Resp: 190700
Ion Ratio Lower Upper
146 100
148 63.6 51.2 76.8
75 33.7 27.4 41.2

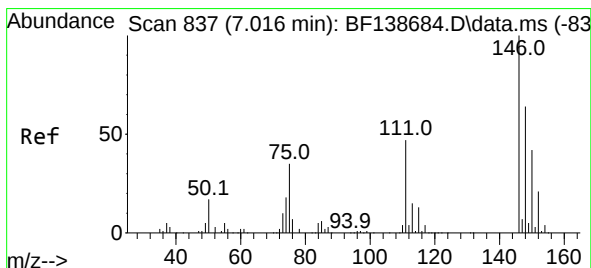
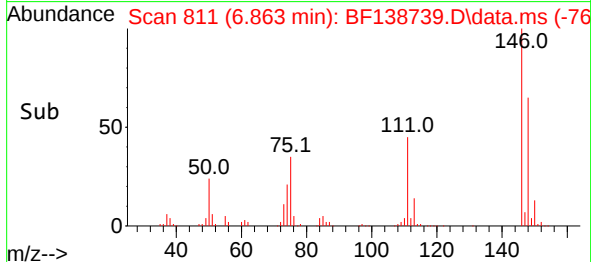
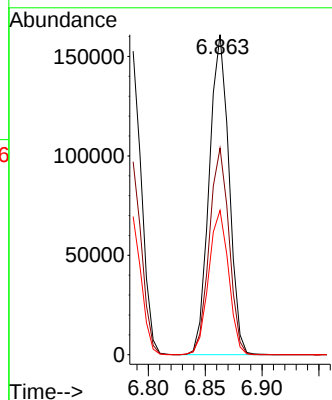
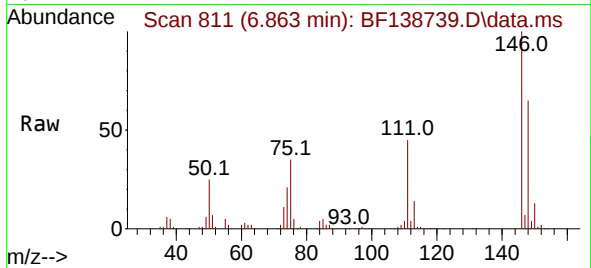




#13
1,4-Dichlorobenzene
Concen: 40.836 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

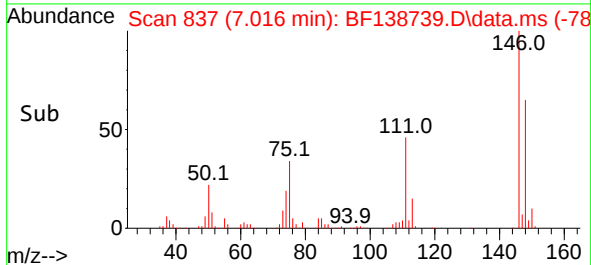
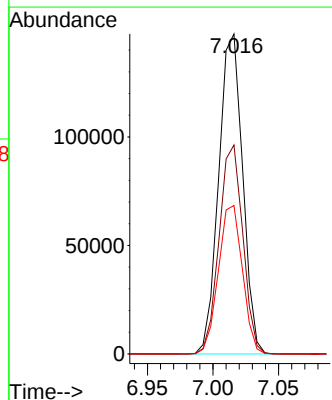
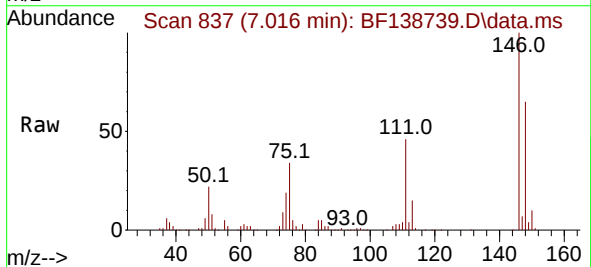
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

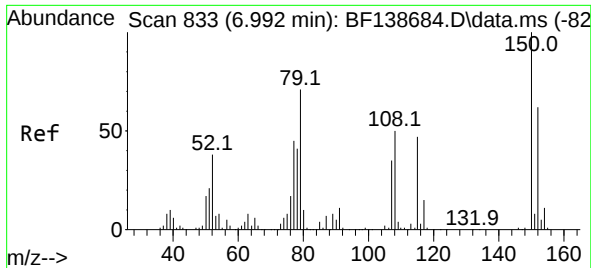
Tgt Ion:146 Resp: 194355
Ion Ratio Lower Upper
146 100
148 64.5 50.2 75.2
111 45.1 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 42.009 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:146 Resp: 186854
Ion Ratio Lower Upper
146 100
148 65.3 50.8 76.2
111 46.4 37.4 56.2

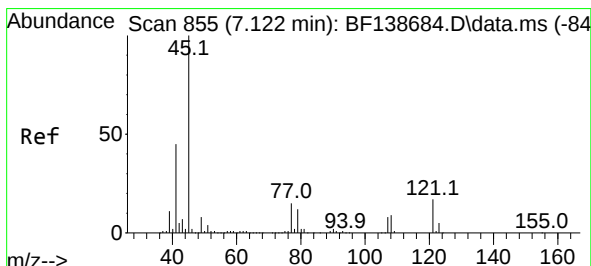
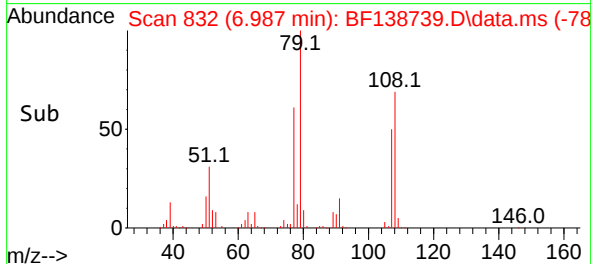
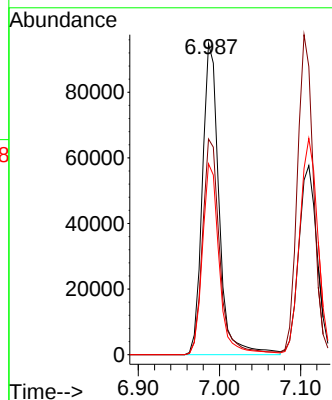
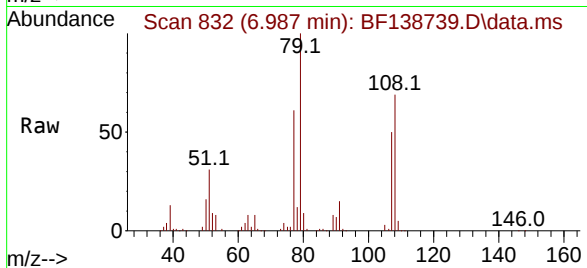




#15
Benzyl Alcohol
Concen: 34.983 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

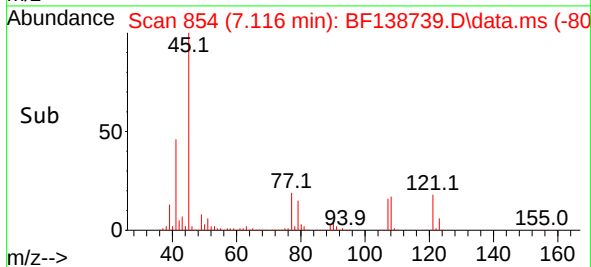
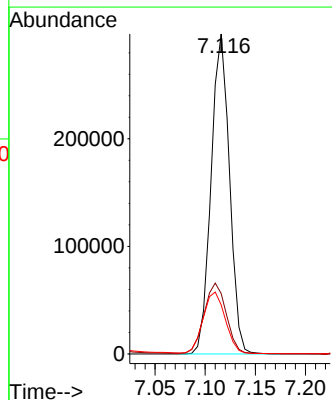
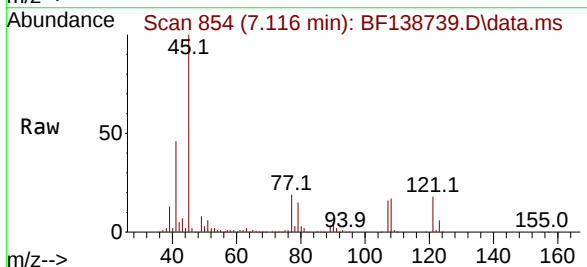
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

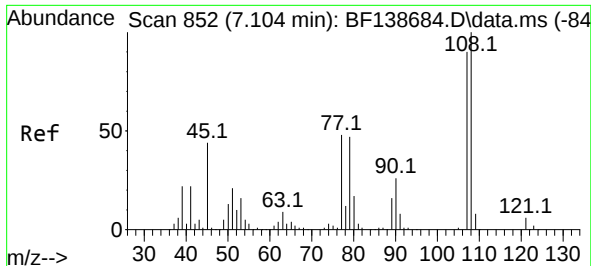
Tgt Ion: 79 Resp: 135560
Ion Ratio Lower Upper
79 100
108 69.3 56.6 85.0
77 61.3 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.649 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion: 45 Resp: 379699
Ion Ratio Lower Upper
45 100
77 18.9 0.0 34.9
79 15.4 0.0 32.2

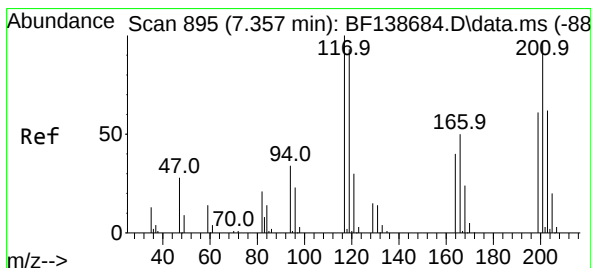
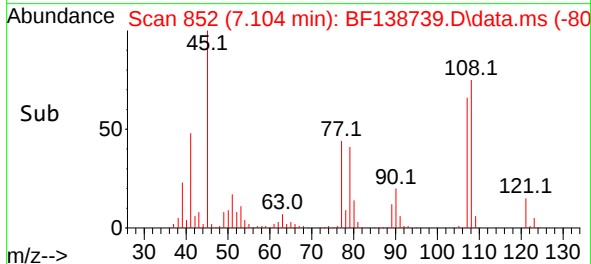
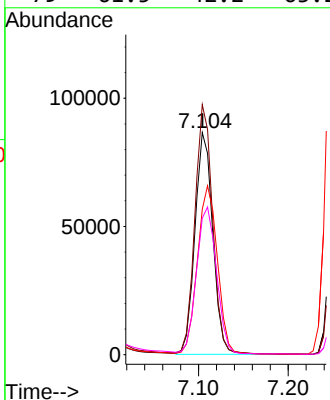
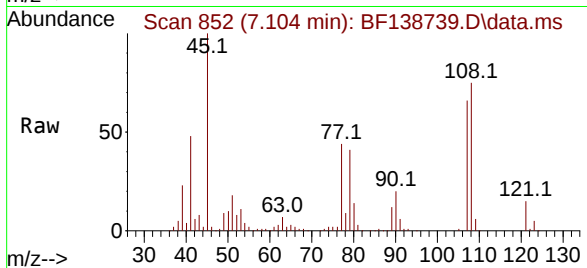




#17
2-Methylphenol
Concen: 34.407 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

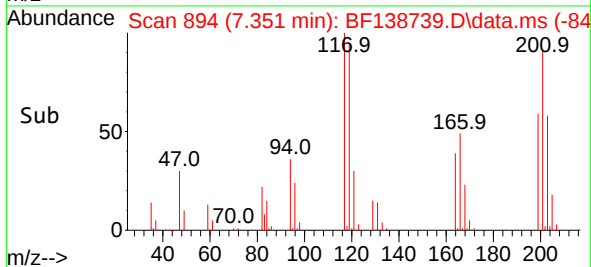
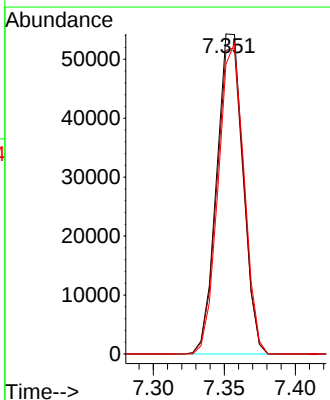
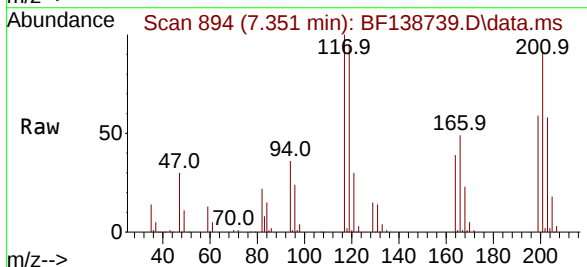
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

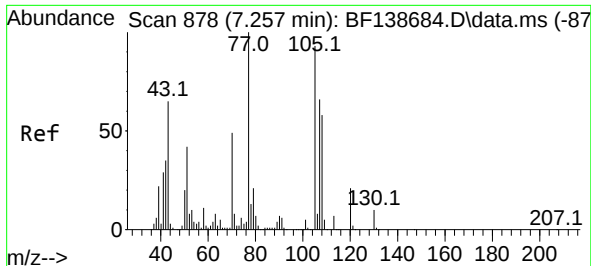
Tgt Ion:	107	Resp:	119701
Ion	Ratio	Lower	Upper
107	100		
108	112.6	89.2	133.8
77	65.5	43.0	64.4#
79	61.5	42.2	63.2



#18
Hexachloroethane
Concen: 39.399 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:	117	Resp:	70585
Ion	Ratio	Lower	Upper
117	100		
119	94.9	74.6	111.8
201	90.5	77.2	115.8





#19

n-Nitroso-di-n-propylamine

Concen: 55.155 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

Tgt Ion: 70 Resp: 179102

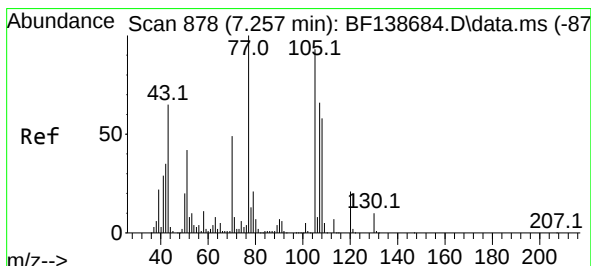
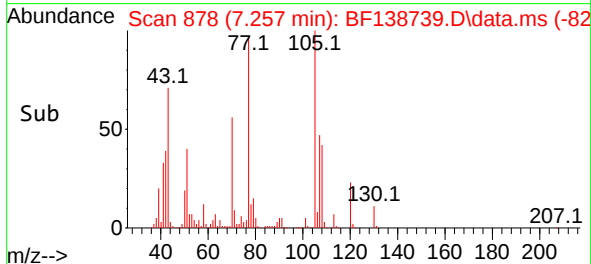
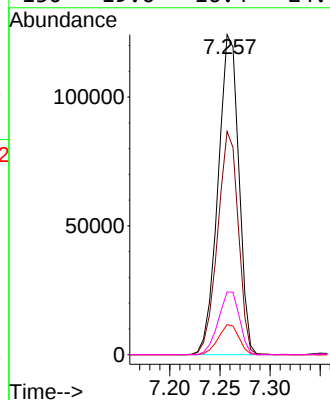
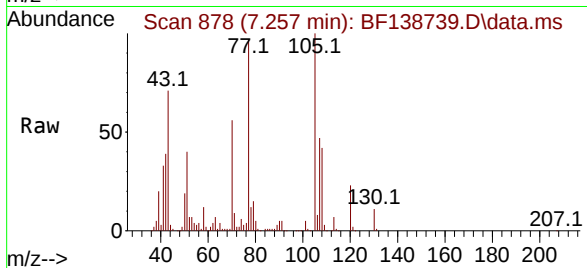
Ion Ratio Lower Upper

70 100

42 69.7 57.4 86.0

101 9.4 7.5 11.3

130 19.6 16.4 24.6



#20

3+4-Methylphenols

Concen: 30.058 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Tgt Ion:107 Resp: 134168

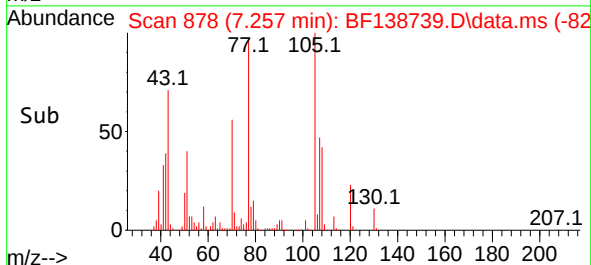
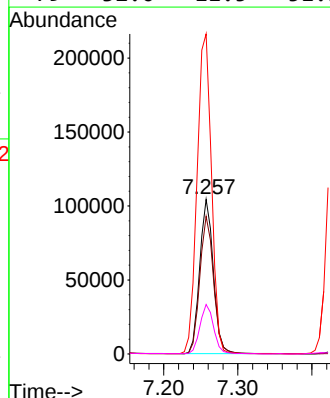
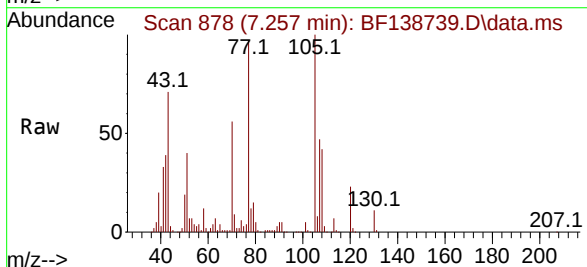
Ion Ratio Lower Upper

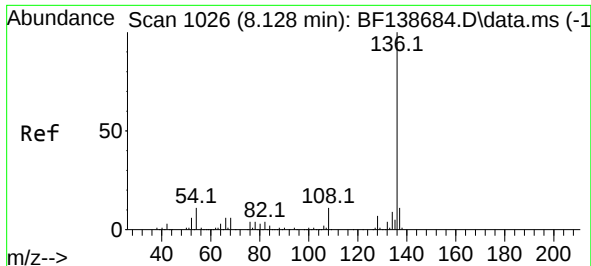
107 100

108 89.0 68.2 108.2

77 207.0 132.1 172.1#

79 32.0 11.5 51.5

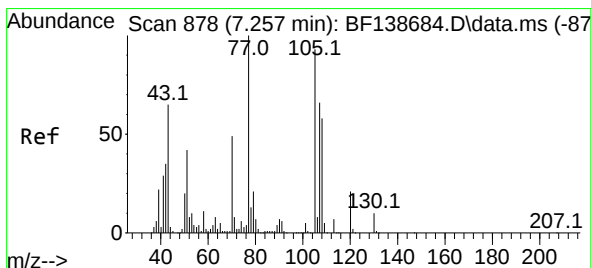
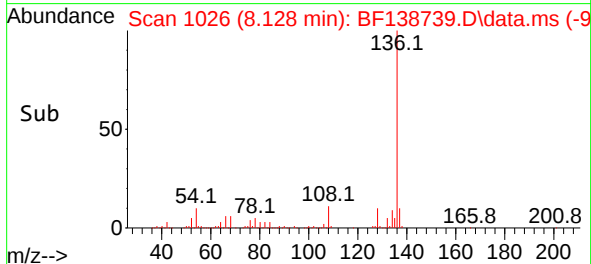
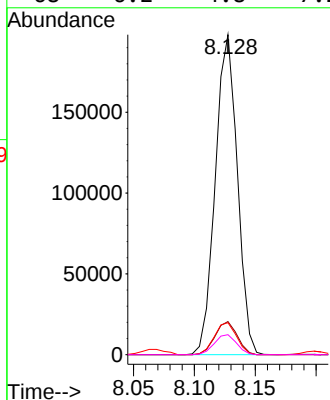
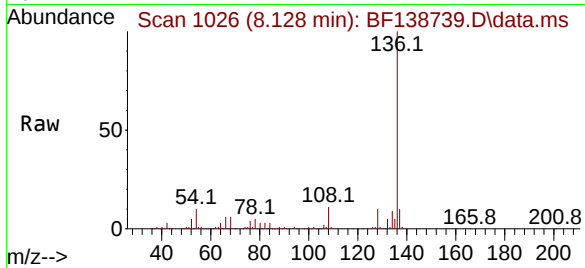




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

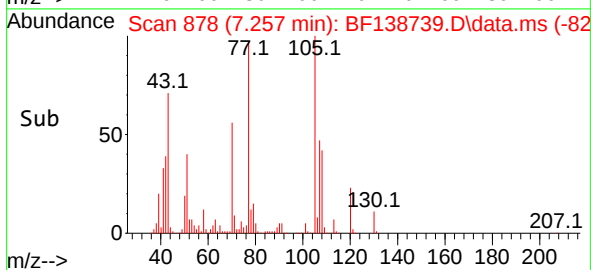
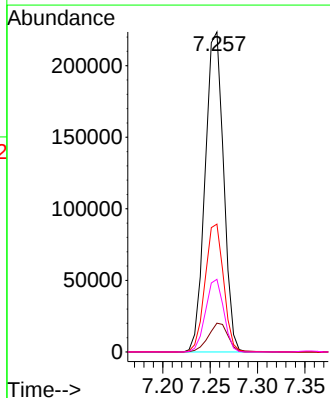
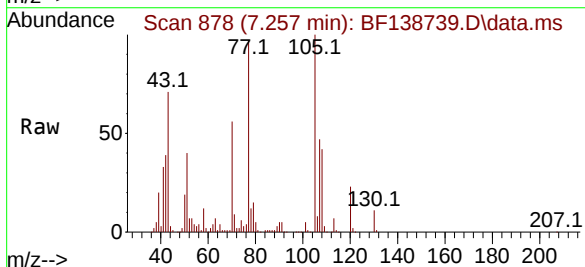
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

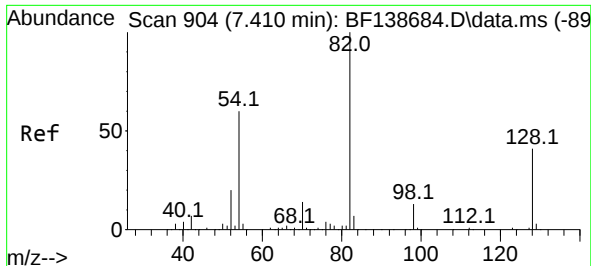
Tgt Ion:	136	Resp:	249938
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	10.0	8.6	12.8
68	6.2	4.8	7.2



#22
Acetophenone
Concen: 49.561 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:	105	Resp:	303298
Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.2	10.8
51	40.0	35.9	53.9
120	22.7	17.6	26.4





#23

Nitrobenzene-d5

Concen: 93.064 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

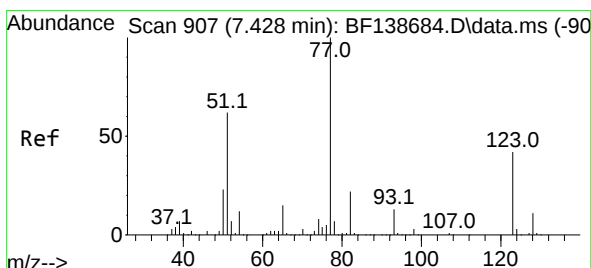
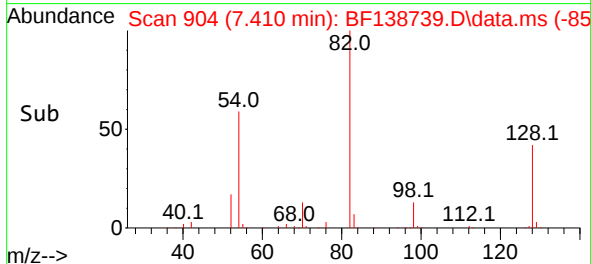
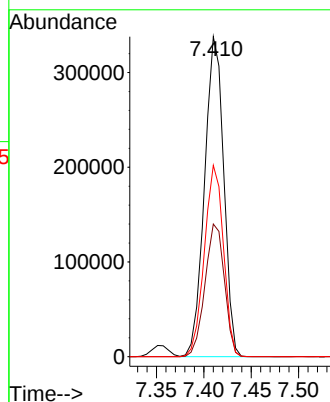
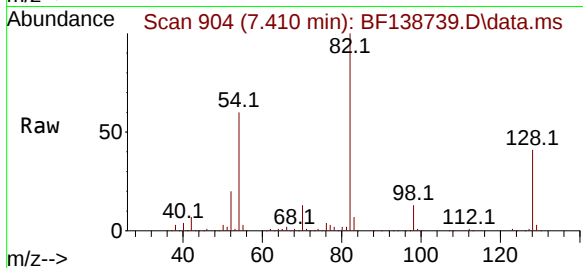
Tgt Ion: 82 Resp: 475756

Ion Ratio Lower Upper

82 100

128 41.4 32.8 49.2

54 59.8 48.3 72.5



#24

Nitrobenzene

Concen: 49.056 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

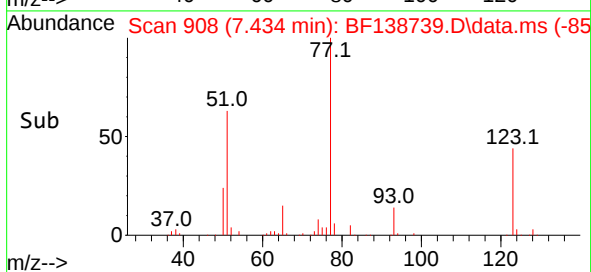
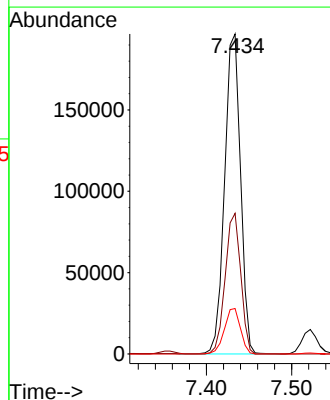
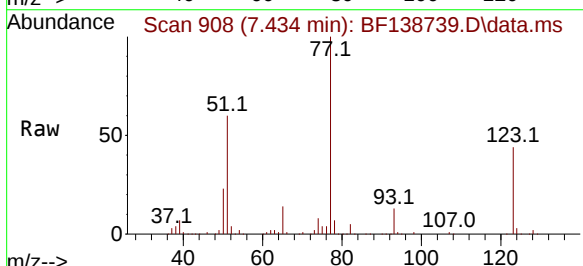
Tgt Ion: 77 Resp: 255187

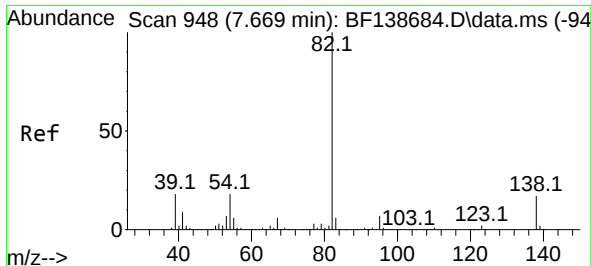
Ion Ratio Lower Upper

77 100

123 43.9 33.3 49.9

65 14.2 11.9 17.9

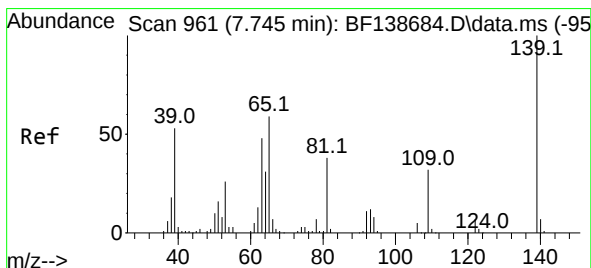
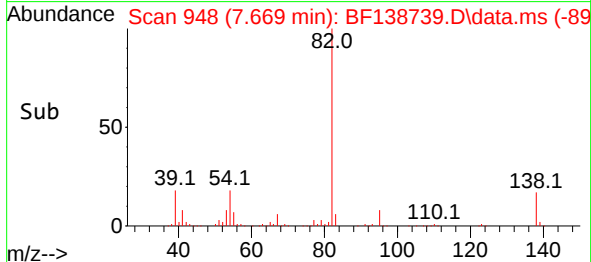
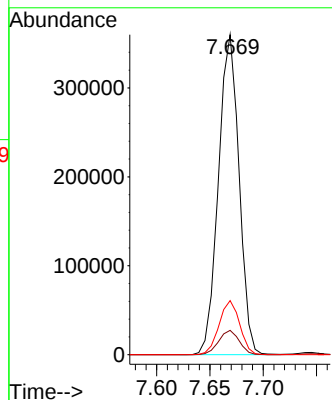
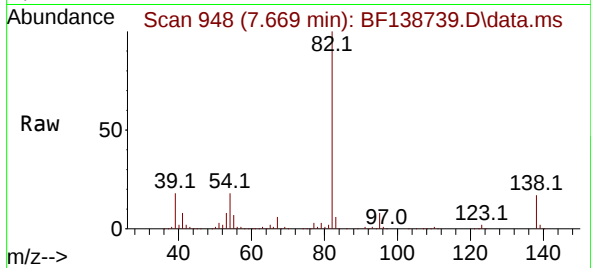




#25
Isophorone
Concen: 55.451 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

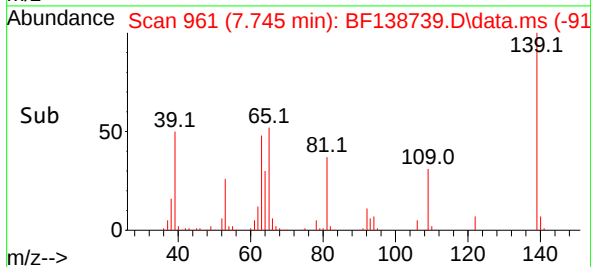
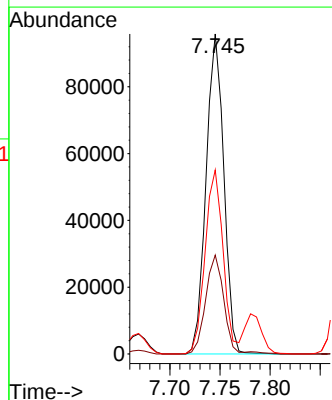
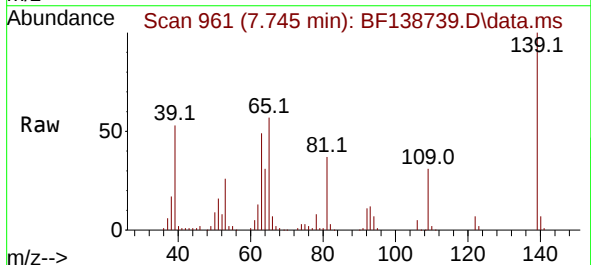
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

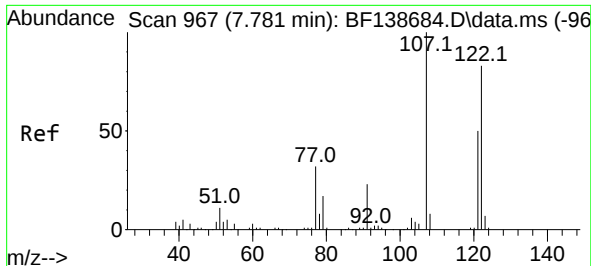
Tgt Ion: 82 Resp: 484037
Ion Ratio Lower Upper
82 100
95 7.6 5.7 8.5
138 16.9 13.7 20.5



#26
2-Nitrophenol
Concen: 52.841 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:139 Resp: 118260
Ion Ratio Lower Upper
139 100
109 30.9 25.9 38.9
65 57.5 47.0 70.6

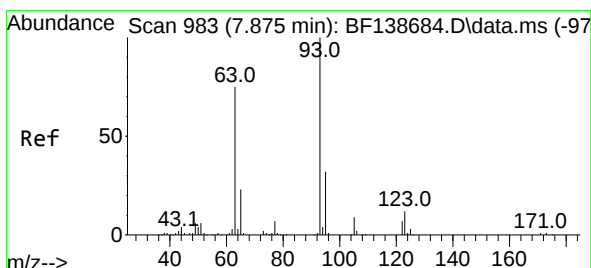
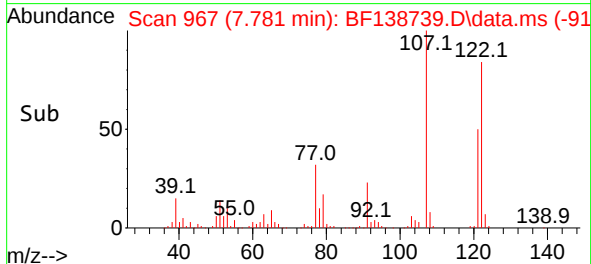
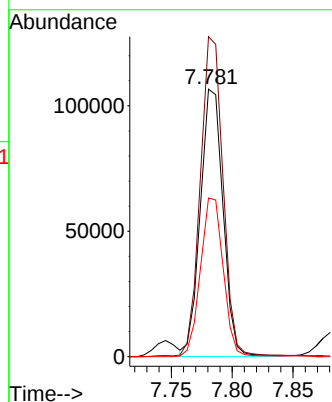
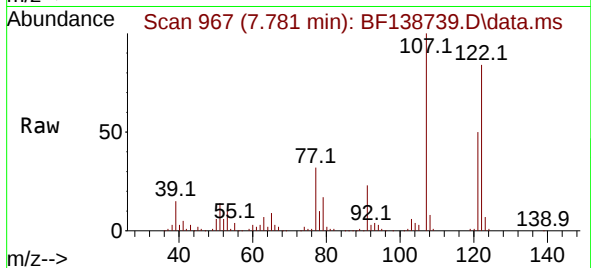




#27
2,4-Dimethylphenol
Concen: 51.612 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

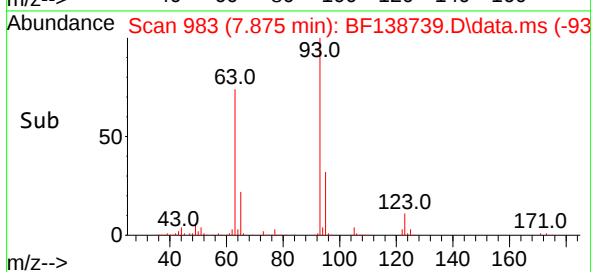
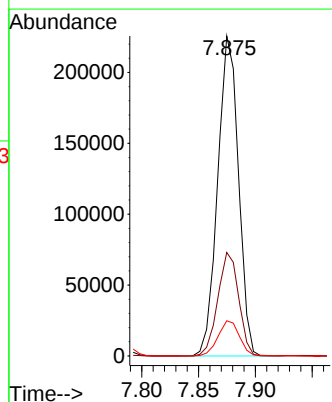
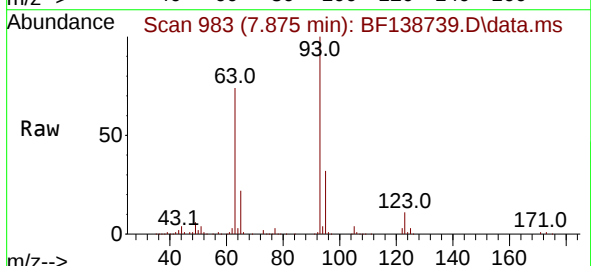
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

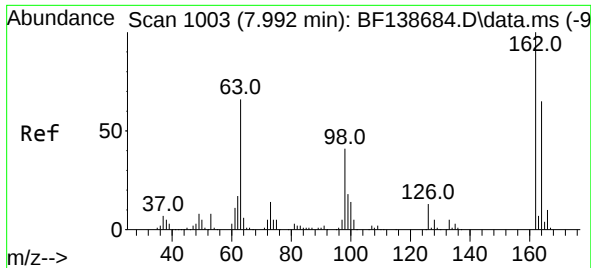
Tgt Ion:122 Resp: 138204
Ion Ratio Lower Upper
122 100
107 119.6 95.0 142.6
121 59.3 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 54.074 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion: 93 Resp: 287446
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.992 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

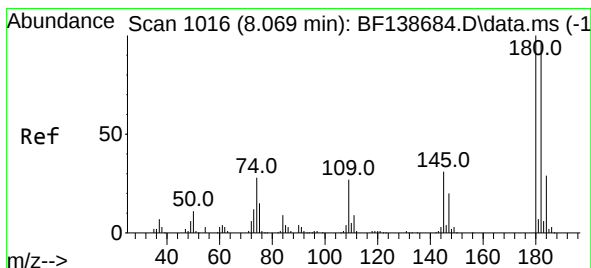
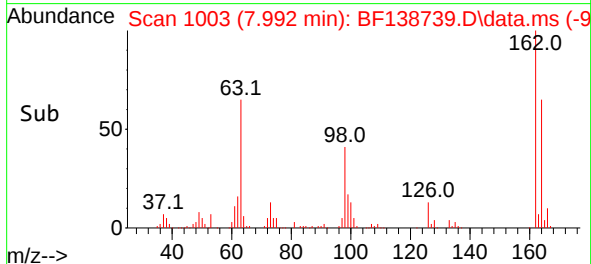
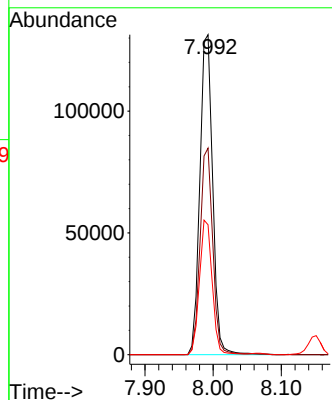
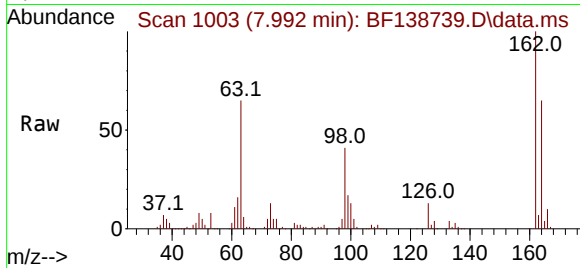
Tgt Ion:162 Resp: 172015

Ion Ratio Lower Upper

162 100

164 64.5 44.7 84.7

98 40.6 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.581 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

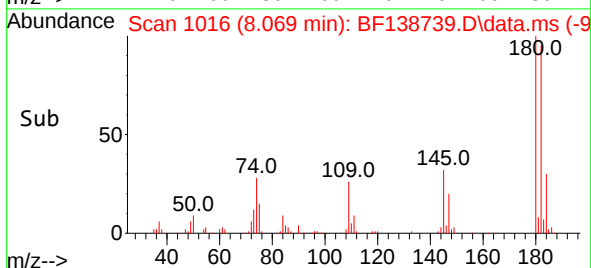
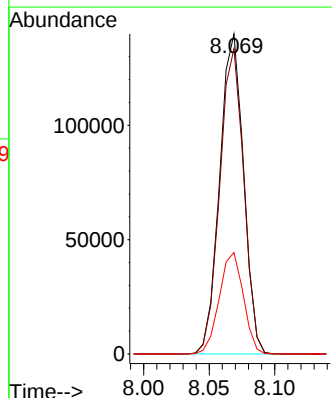
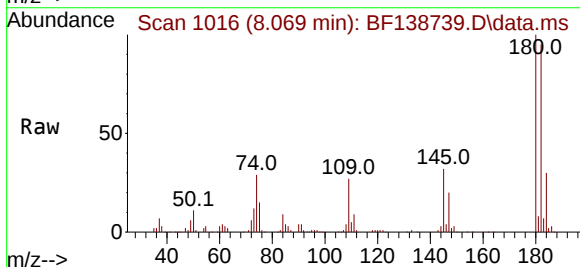
Tgt Ion:180 Resp: 177024

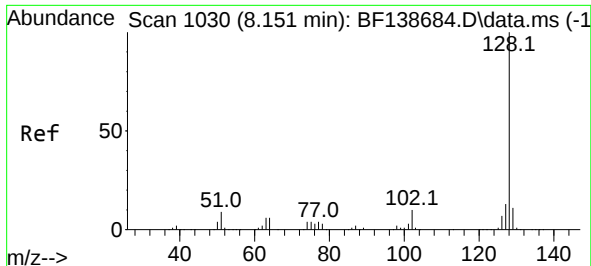
Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

145 31.7 25.0 37.4

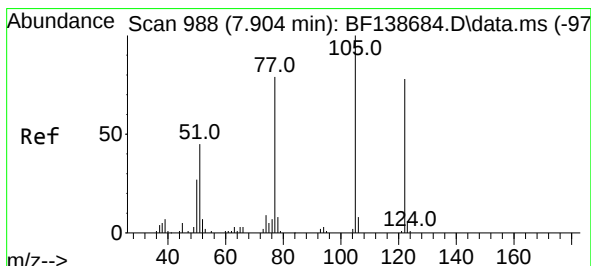
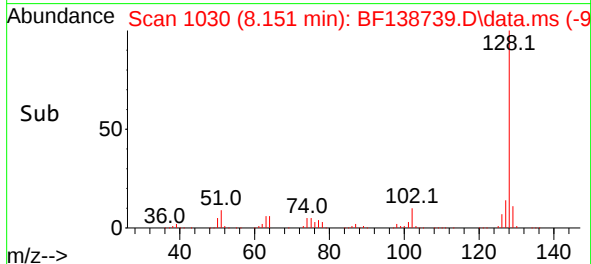
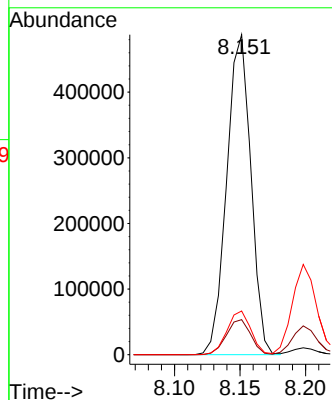
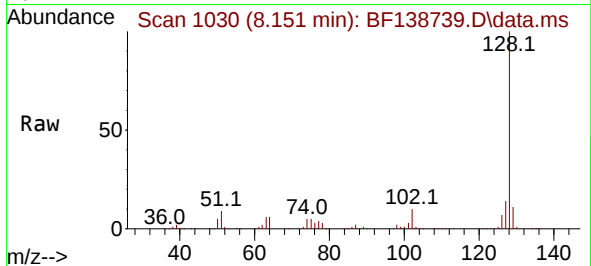




#31
Naphthalene
Concen: 47.512 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

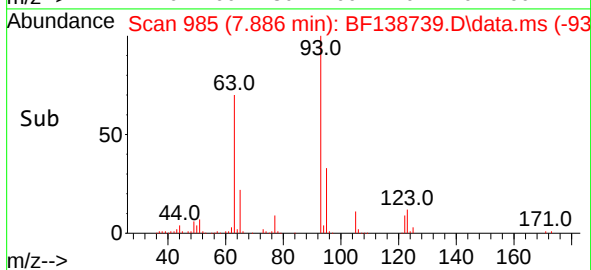
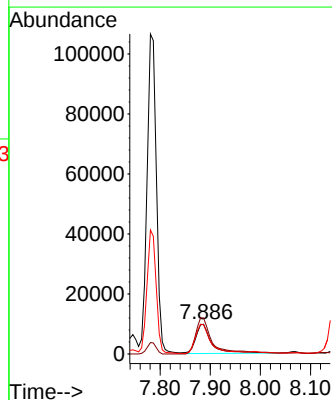
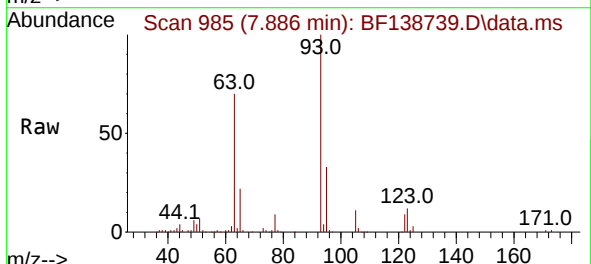
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

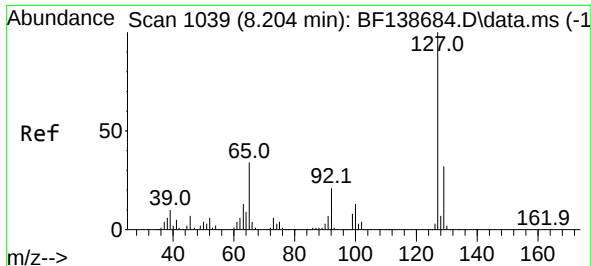
Tgt Ion:128 Resp: 625072
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 10.037 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:122 Resp: 21126
Ion Ratio Lower Upper
122 100
105 121.4 106.7 146.7
77 98.4 81.1 121.1





#33

4-Chloroaniline

Concen: 41.861 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

Tgt Ion:127 Resp: 184865

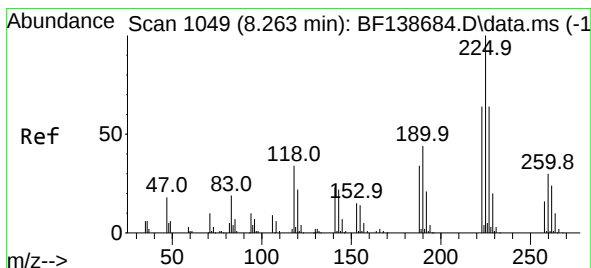
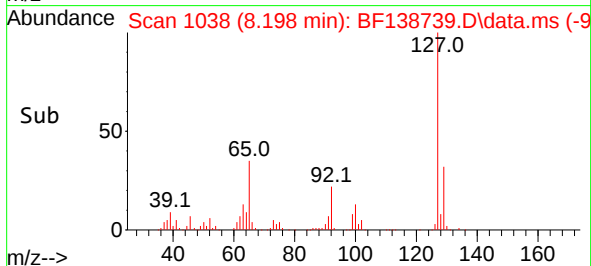
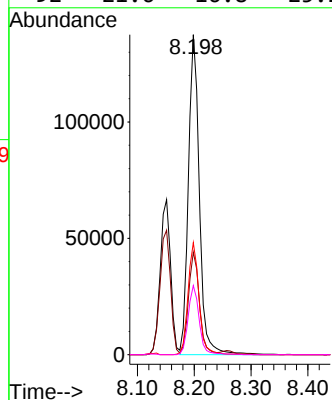
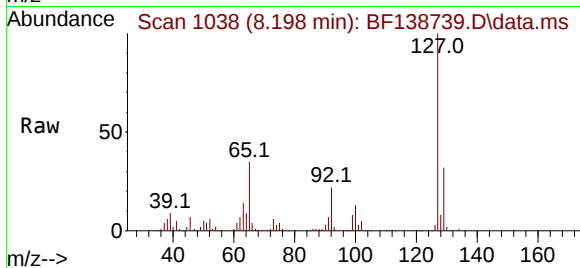
Ion Ratio Lower Upper

127 100

129 32.0 25.9 38.9

65 35.0 27.6 41.4

92 21.6 16.8 25.2



#34

Hexachlorobutadiene

Concen: 41.233 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

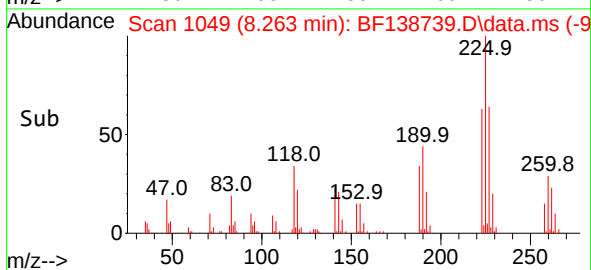
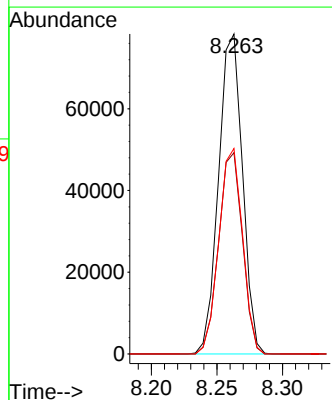
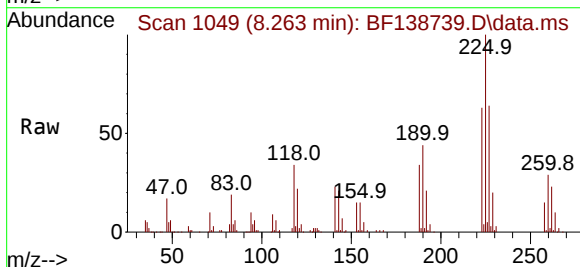
Tgt Ion:225 Resp: 99170

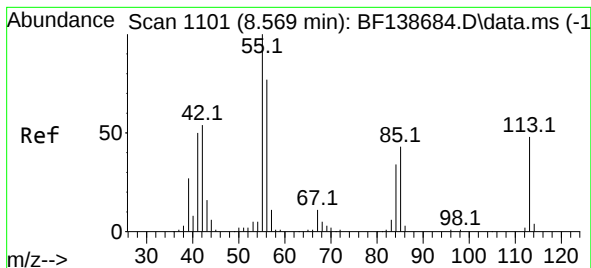
Ion Ratio Lower Upper

225 100

223 62.9 51.2 76.8

227 64.2 51.1 76.7





#35

Caprolactam

Concen: 8.261 ng

RT: 8.575 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

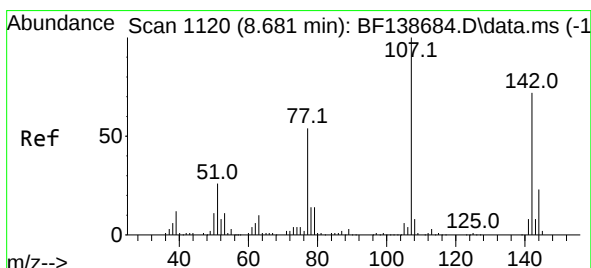
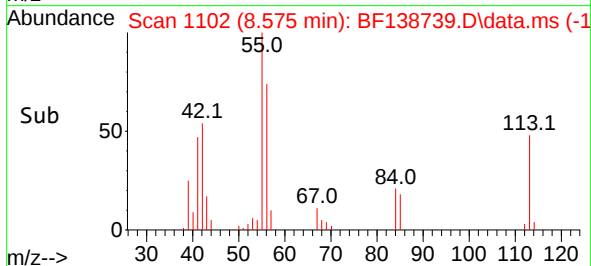
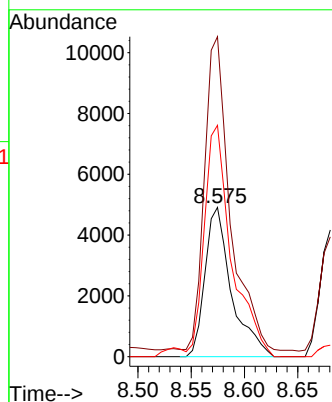
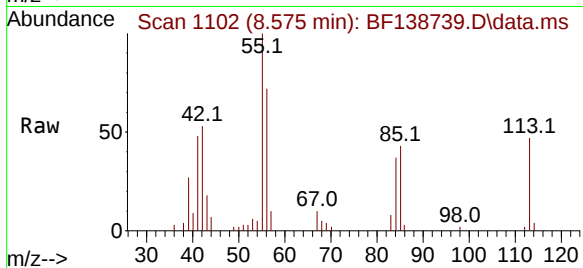
Tgt Ion:113 Resp: 8482

Ion Ratio Lower Upper

113 100

55 214.4 186.7 226.7

56 155.0 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 48.197 ng

RT: 8.681 min Scan# 1120

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

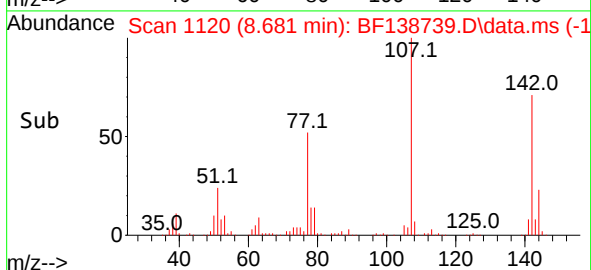
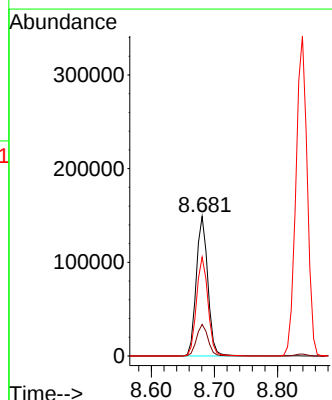
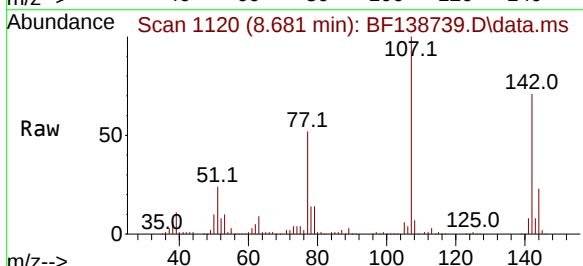
Tgt Ion:107 Resp: 189530

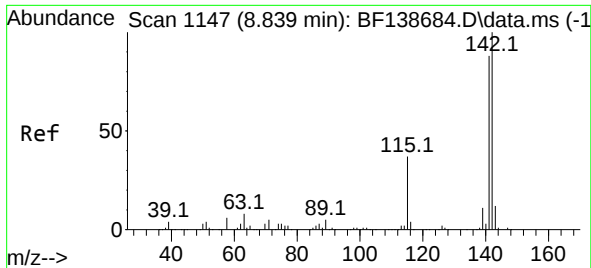
Ion Ratio Lower Upper

107 100

144 22.6 18.2 27.2

142 70.9 57.4 86.2

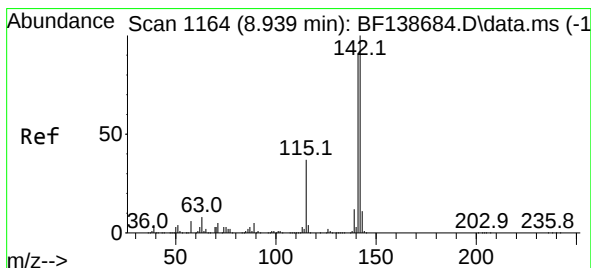
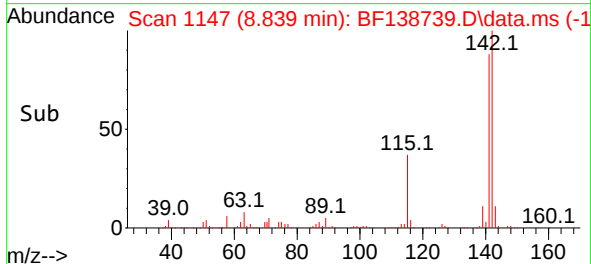
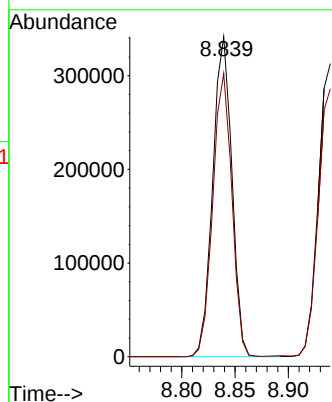
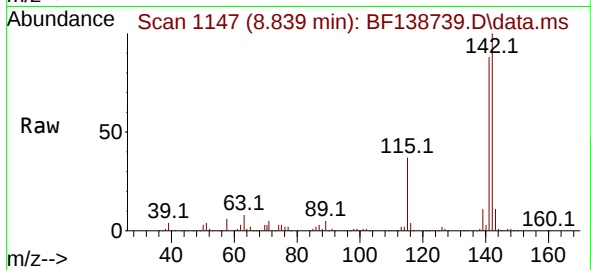




#37
2-Methylnaphthalene
Concen: 51.232 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

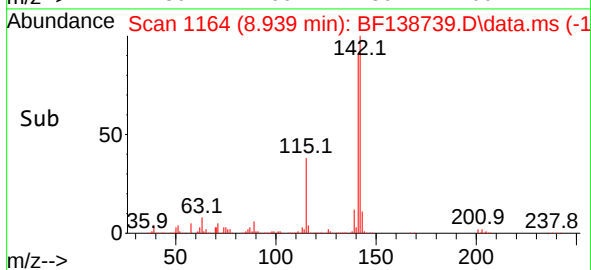
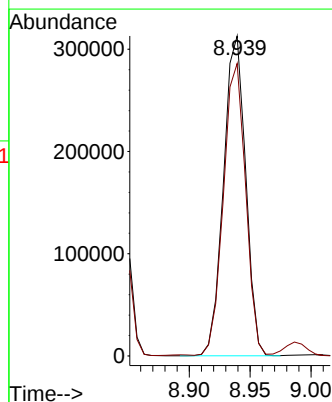
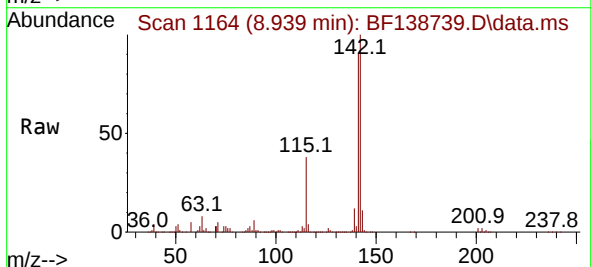
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

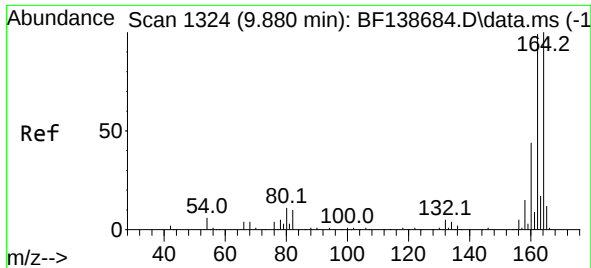
Tgt Ion:142 Resp: 425674
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 48.595 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:142 Resp: 395647
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7

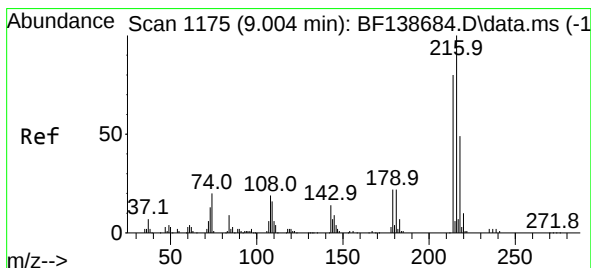
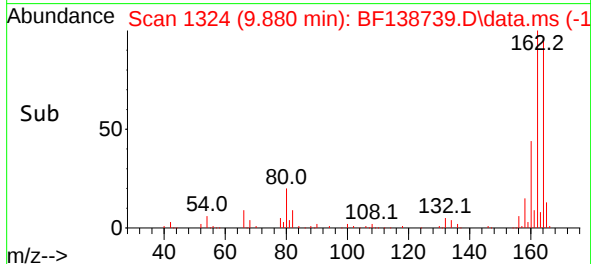
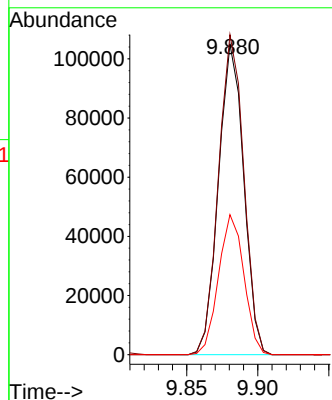
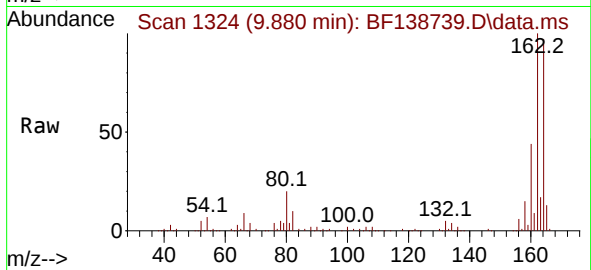




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

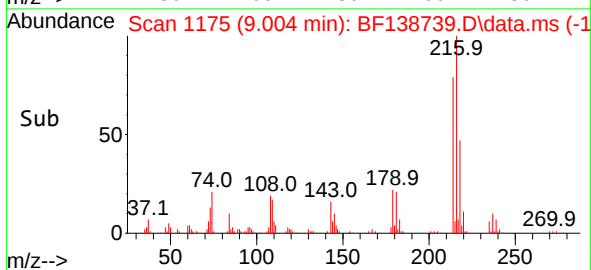
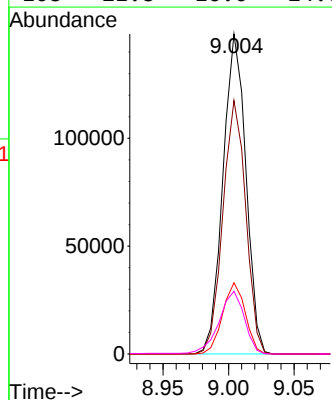
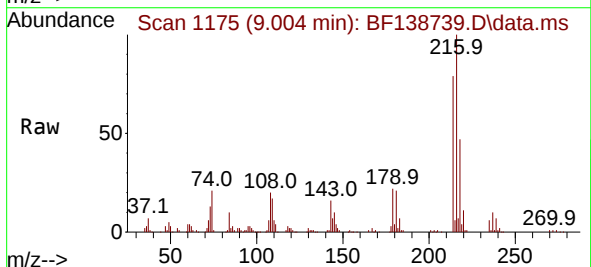
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

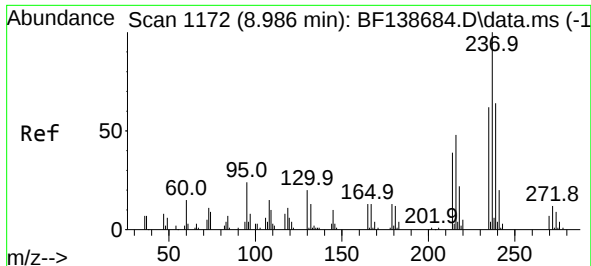
Tgt Ion:164 Resp: 129605
Ion Ratio Lower Upper
164 100
162 103.0 79.4 119.0
160 45.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.102 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:216 Resp: 180380
Ion Ratio Lower Upper
216 100
214 78.9 63.9 95.9
179 22.0 17.8 26.6
108 21.8 16.0 24.0

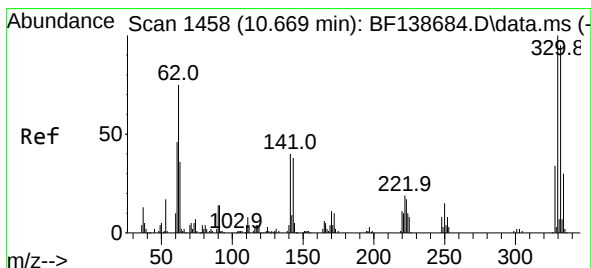
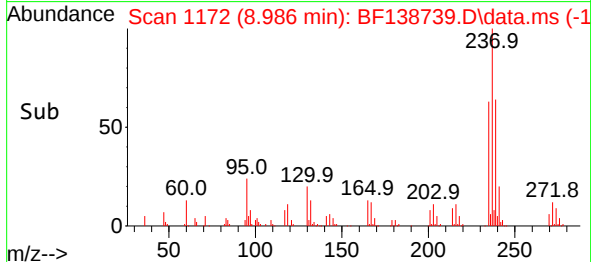
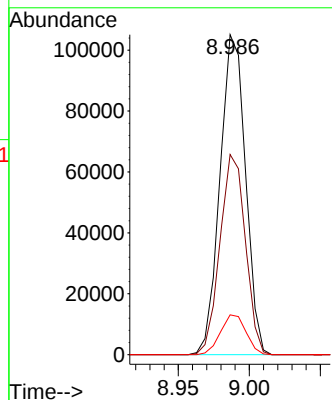
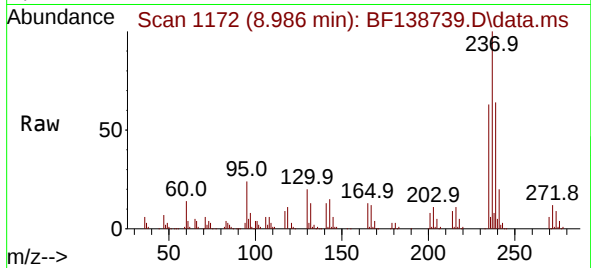




#41
Hexachlorocyclopentadiene
Concen: 132.877 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

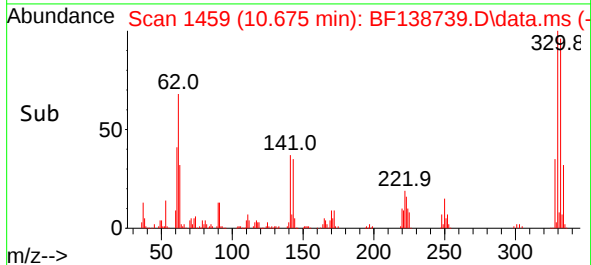
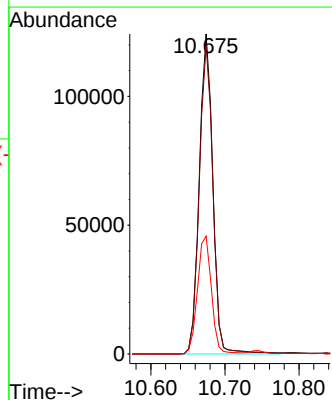
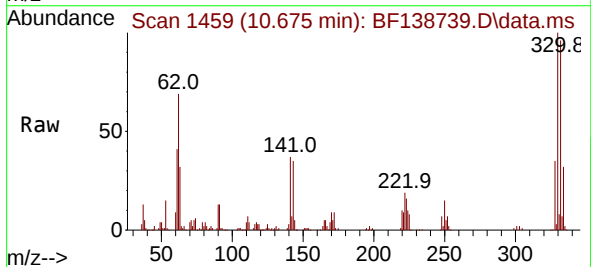
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

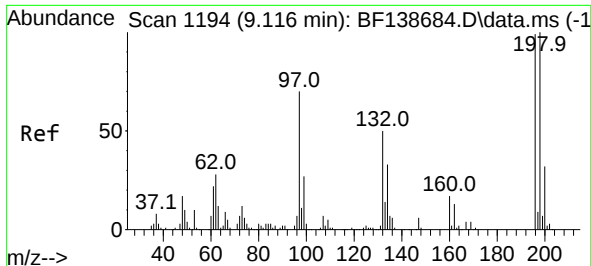
Tgt Ion: 237 Resp: 131429
Ion Ratio Lower Upper
237 100
235 62.5 41.8 81.8
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 148.894 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion: 330 Resp: 158072
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 37.9 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 55.655 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

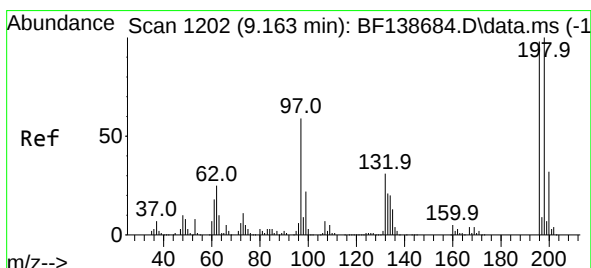
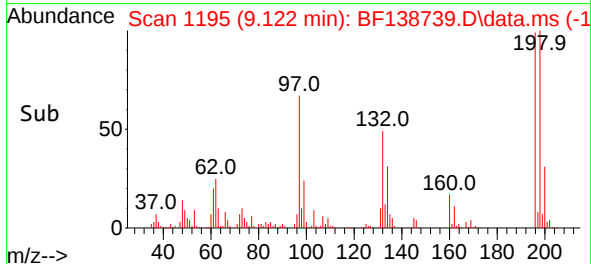
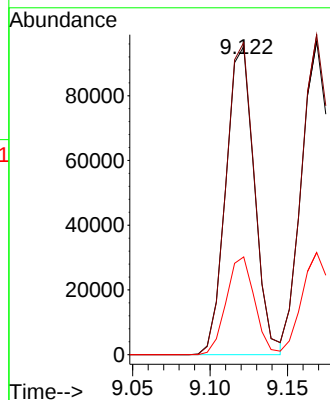
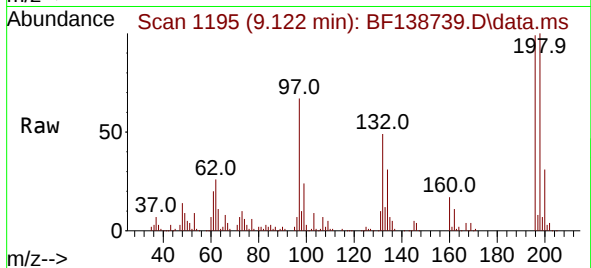
Tgt Ion:196 Resp: 122169

Ion Ratio Lower Upper

196 100

198 101.3 80.5 120.7

200 31.7 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 53.130 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Tgt Ion:196 Resp: 127498

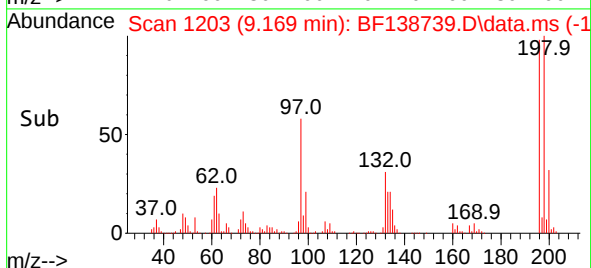
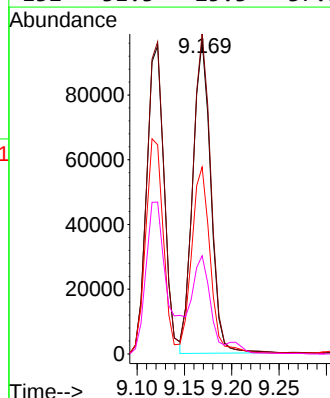
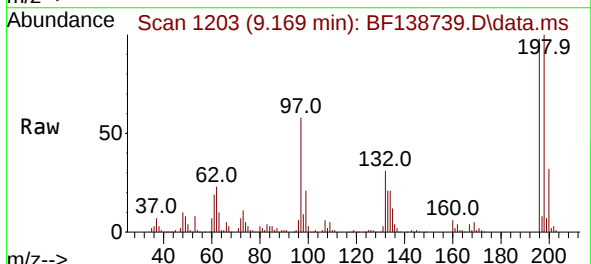
Ion Ratio Lower Upper

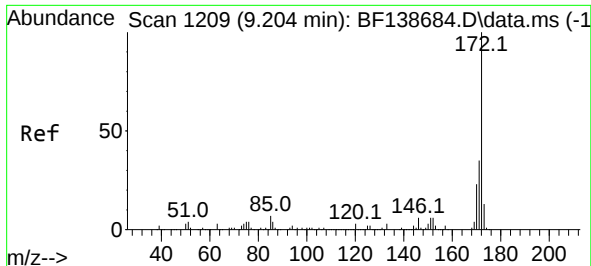
196 100

198 102.0 81.2 121.8

97 59.6 47.8 71.6

132 31.3 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 97.227 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

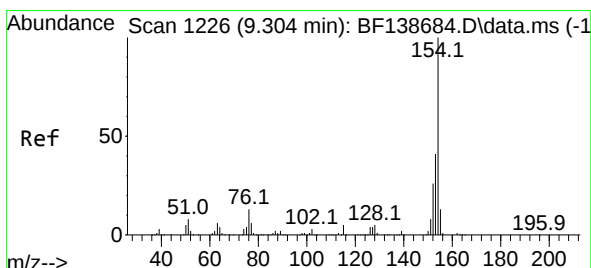
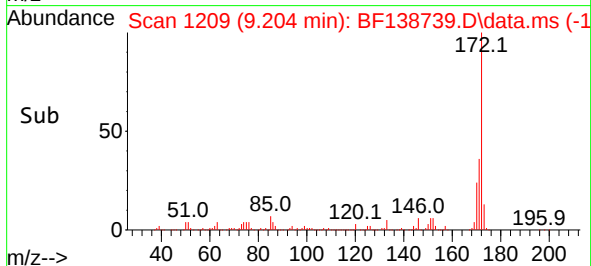
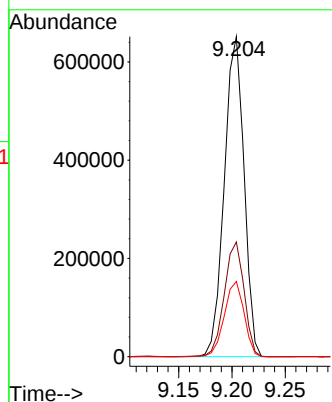
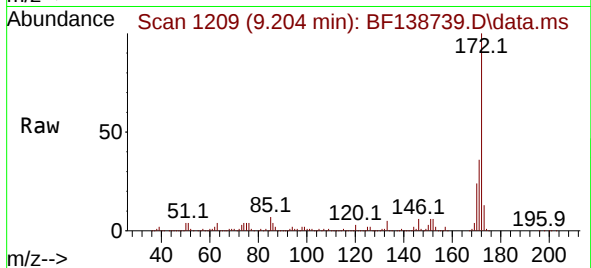
Tgt Ion:172 Resp: 838681

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: 51.192 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

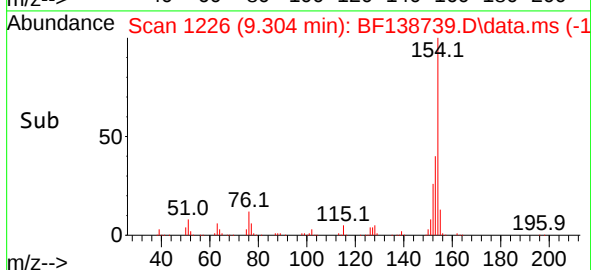
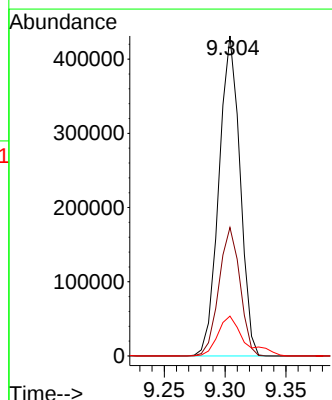
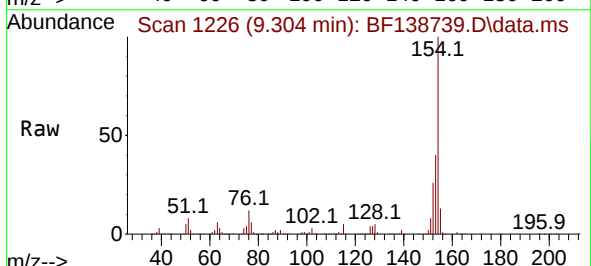
Tgt Ion:154 Resp: 519627

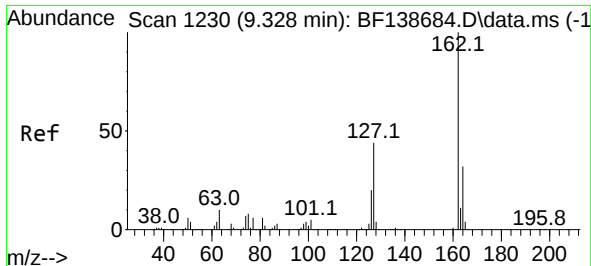
Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

76 12.5 0.0 32.8





#47

2-Chloronaphthalene

Concen: 53.000 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

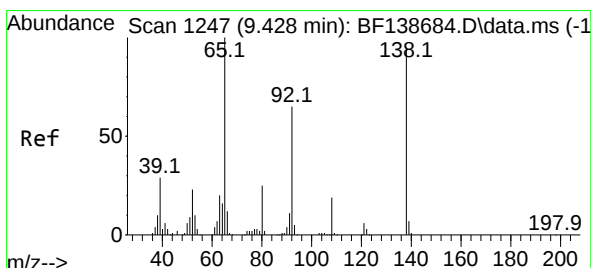
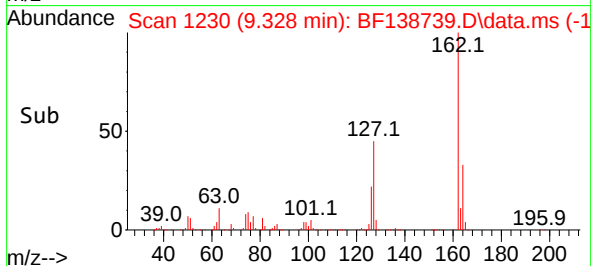
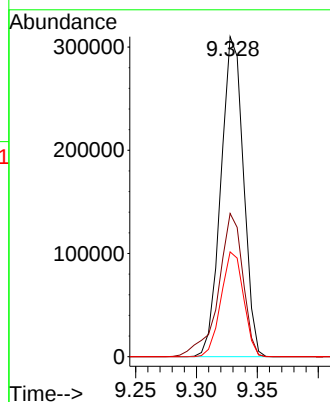
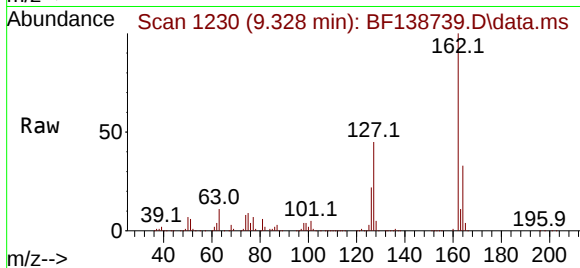
Tgt Ion:162 Resp: 400111

Ion Ratio Lower Upper

162 100

127 44.8 35.4 53.2

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 58.045 ng

RT: 9.428 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

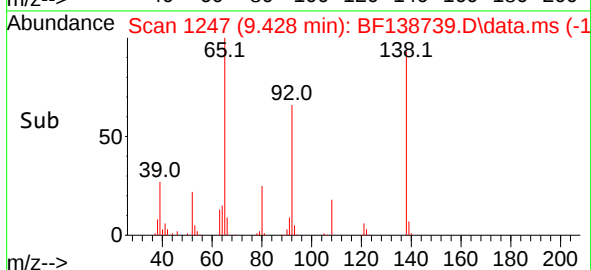
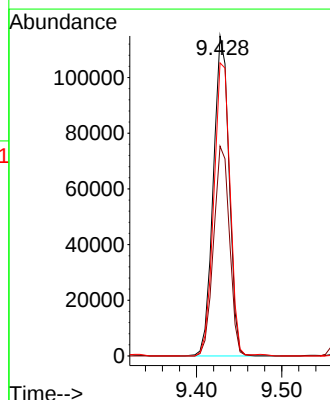
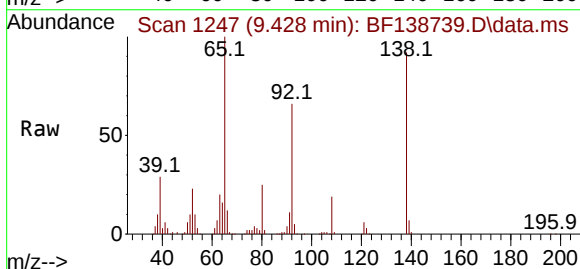
Tgt Ion: 65 Resp: 148554

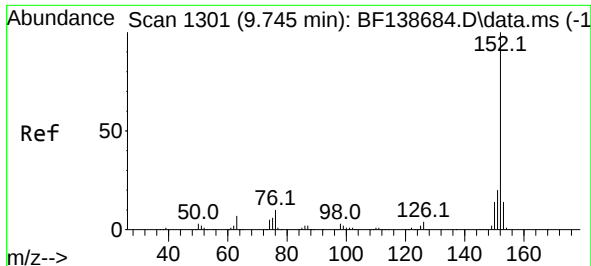
Ion Ratio Lower Upper

65 100

92 65.6 52.0 78.0

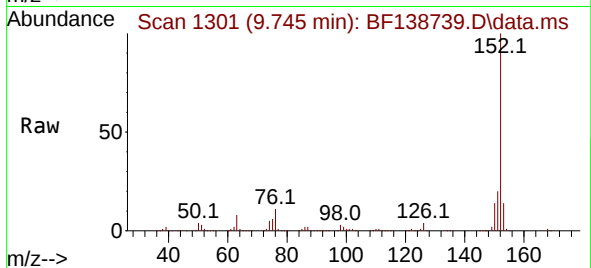
138 91.6 76.2 114.4



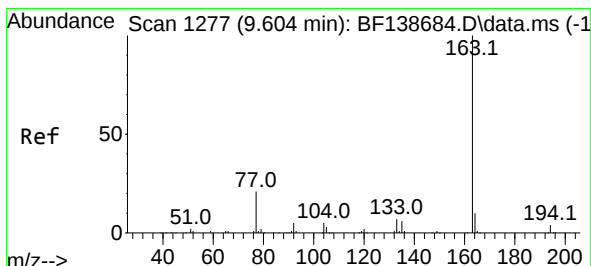
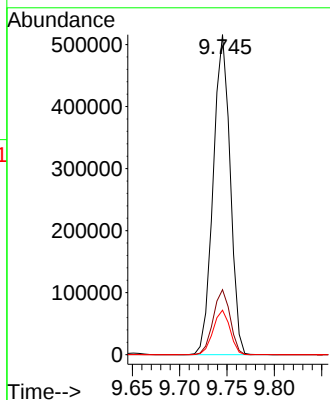
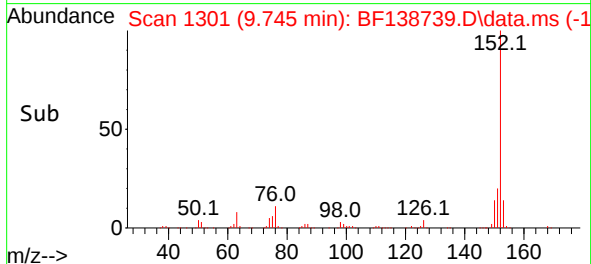


#49
Acenaphthylene
Concen: 59.875 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

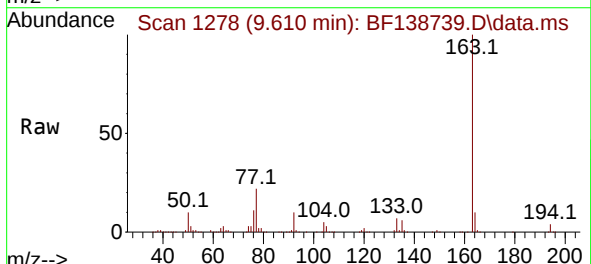
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS



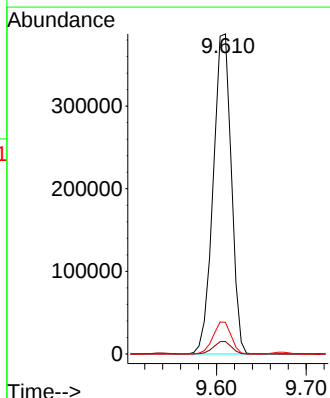
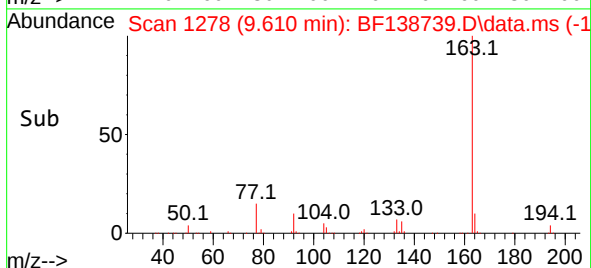
Tgt Ion:152 Resp: 641082
Ion Ratio Lower Upper
152 100
151 20.3 16.0 24.0
153 13.9 11.0 16.4

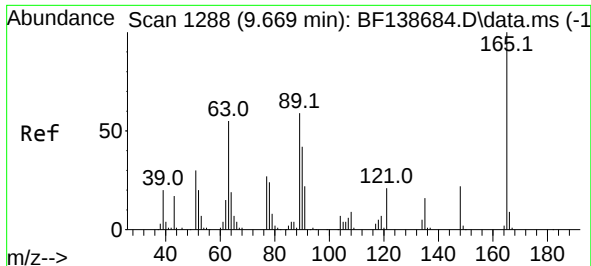


#50
Dimethylphthalate
Concen: 65.478 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55



Tgt Ion:163 Resp: 542625
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.9 7.8 11.8

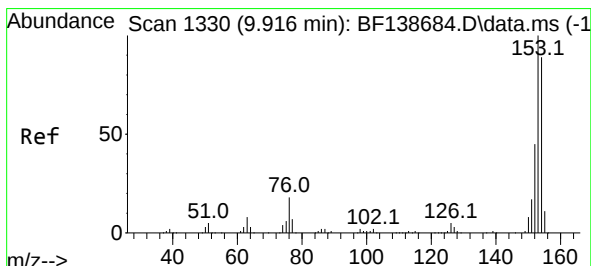
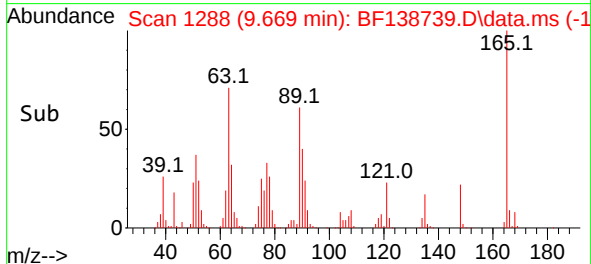
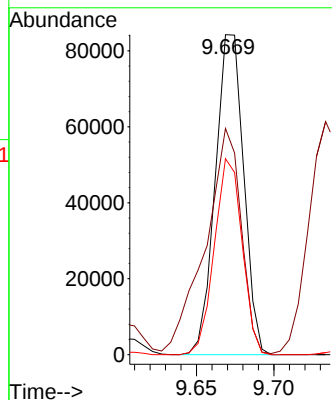
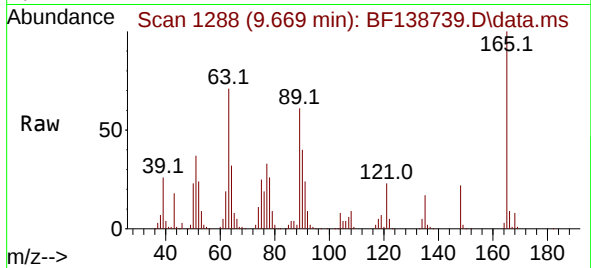




#51
2,6-Dinitrotoluene
Concen: 57.521 ng
RT: 9.669 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

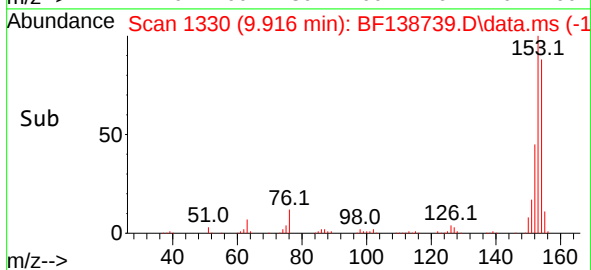
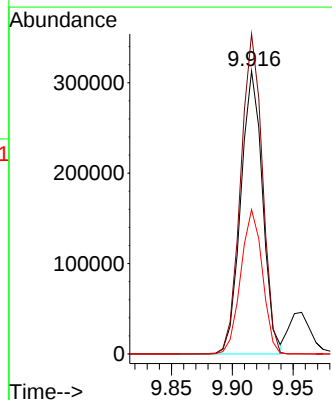
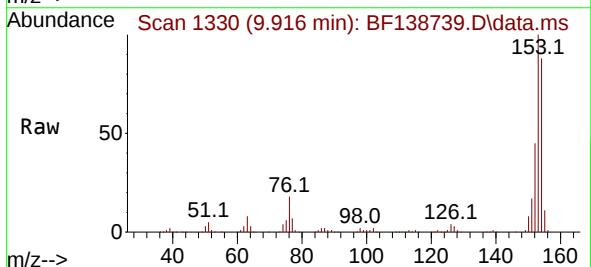
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

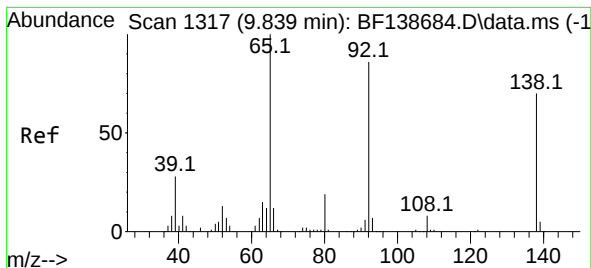
Tgt Ion:165 Resp: 107579
Ion Ratio Lower Upper
165 100
63 70.7 52.0 78.0
89 61.2 47.0 70.6



#52
Acenaphthene
Concen: 54.058 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:154 Resp: 389078
Ion Ratio Lower Upper
154 100
153 113.1 89.9 134.9
152 51.0 40.6 60.8





#53

3-Nitroaniline

Concen: 43.770 ng

RT: 9.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

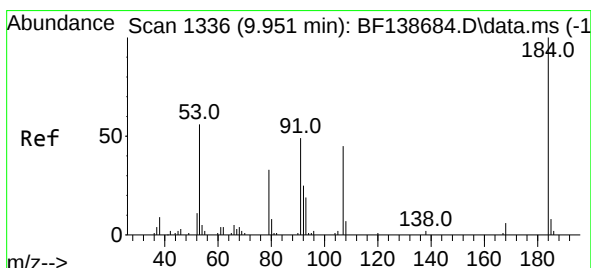
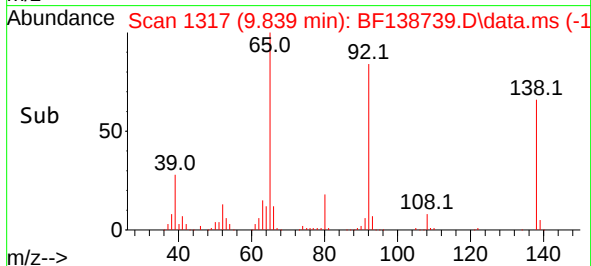
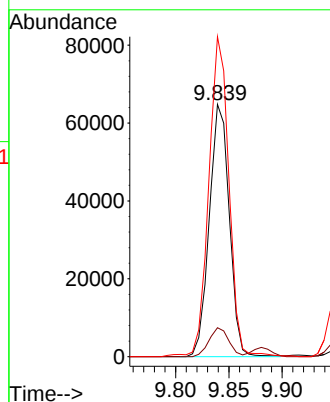
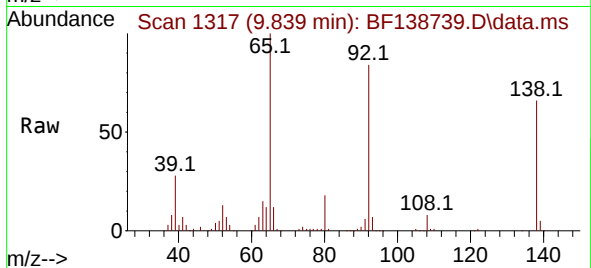
Tgt Ion:138 Resp: 84626

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

92 126.8 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 110.256 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

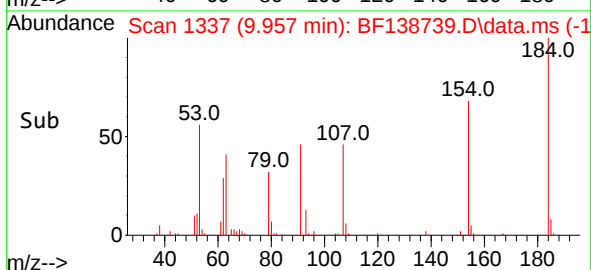
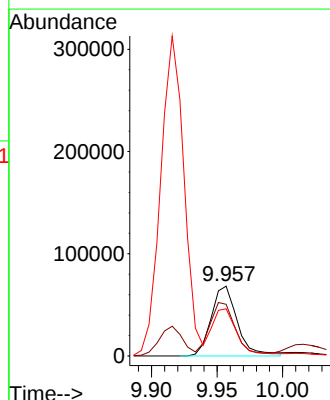
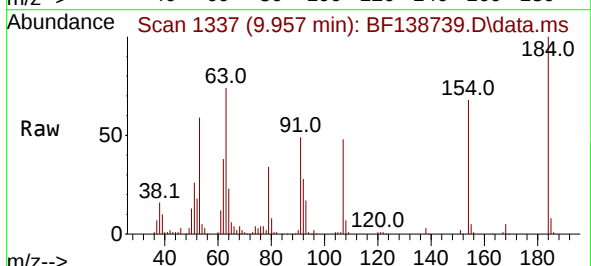
Tgt Ion:184 Resp: 94923

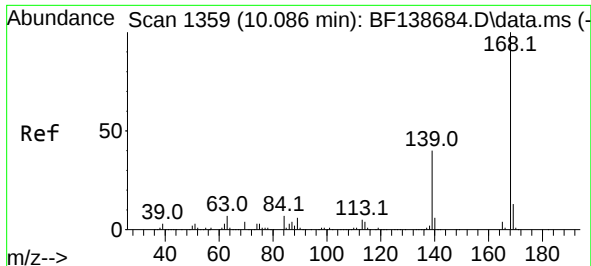
Ion Ratio Lower Upper

184 100

63 74.0 57.5 86.3

154 67.5 51.7 77.5

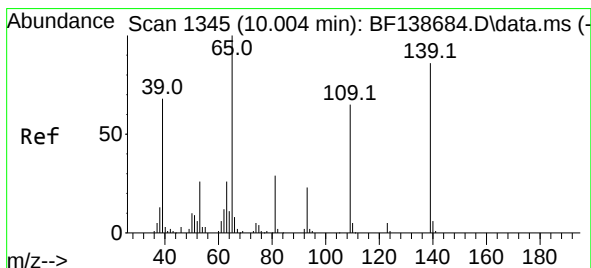
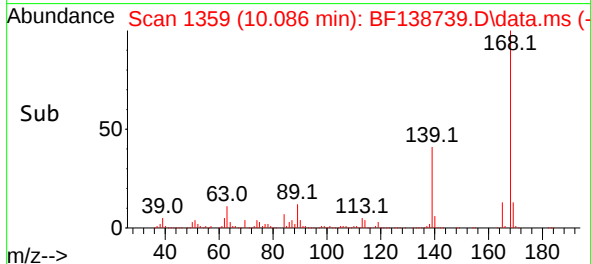
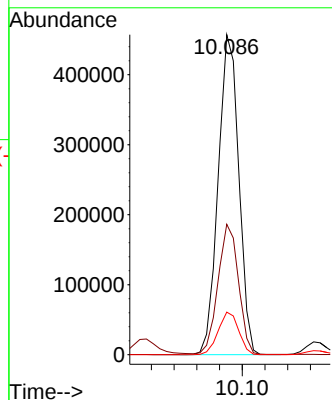
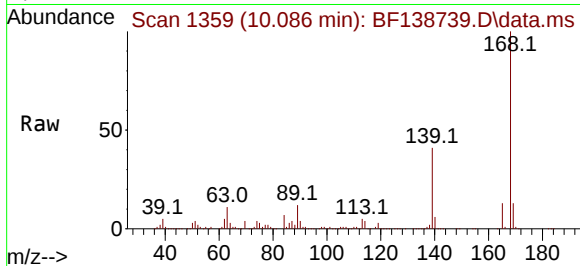




#55
Dibenzenofuran
Concen: 56.762 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

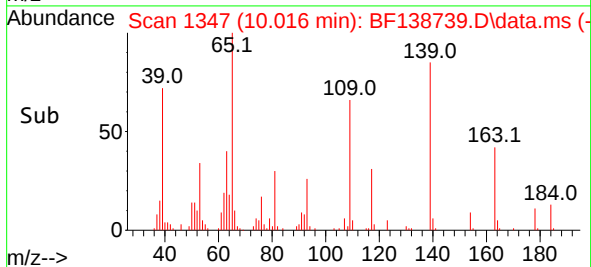
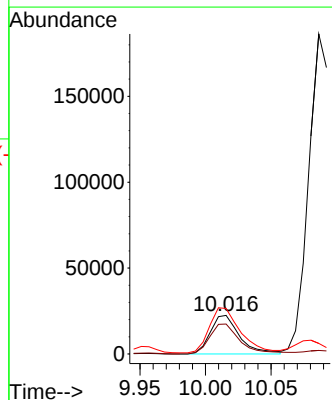
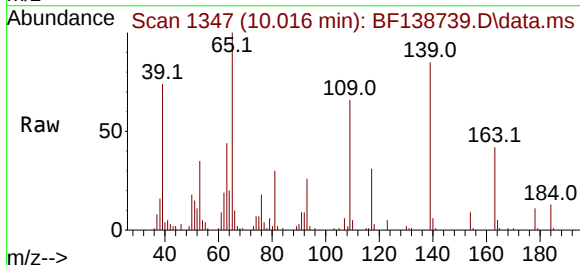
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

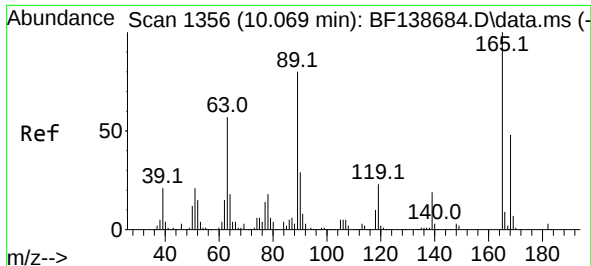
Tgt Ion:168 Resp: 576704
Ion Ratio Lower Upper
168 100
139 40.8 32.6 49.0
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 30.164 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.012 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:139 Resp: 35071
Ion Ratio Lower Upper
139 100
109 77.4 55.5 95.5
65 117.7 96.7 136.7

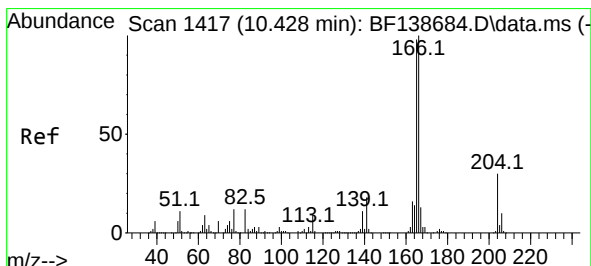
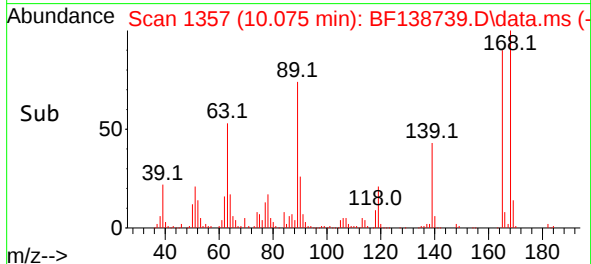
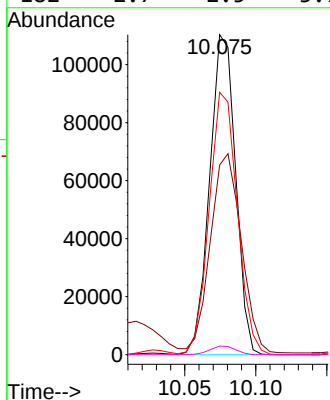
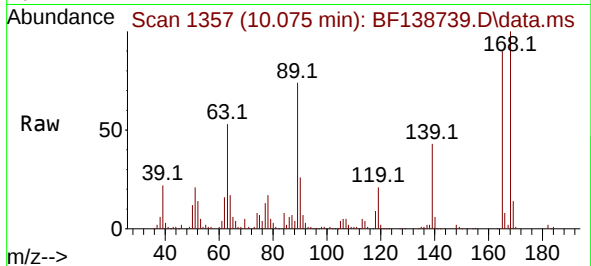




#57
2,4-Dinitrotoluene
Concen: 58.810 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

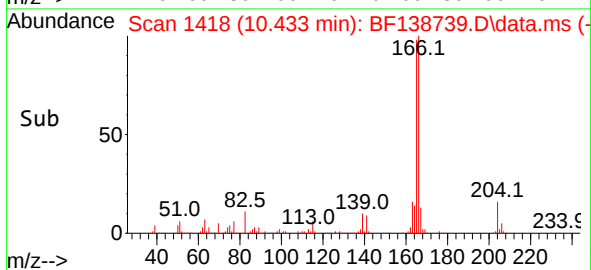
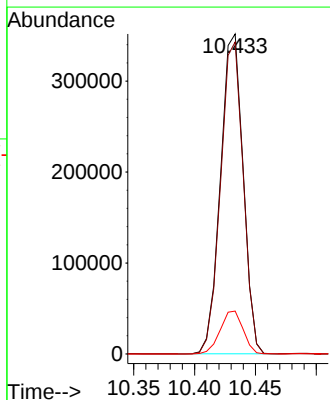
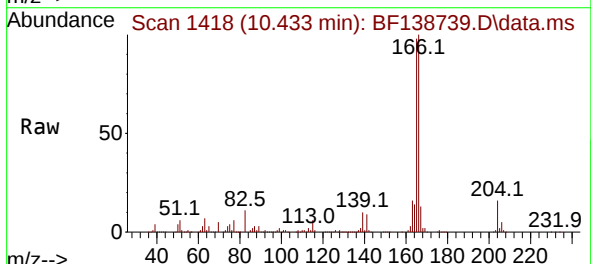
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

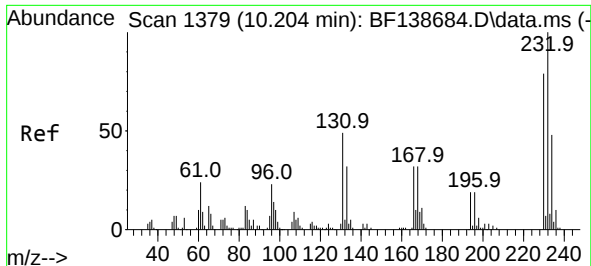
Tgt Ion:165 Resp: 140329
Ion Ratio Lower Upper
165 100
63 59.2 46.3 69.5
89 82.0 64.2 96.4
182 2.7 2.5 3.7



#58
Fluorene
Concen: 56.377 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:166 Resp: 456134
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.4 10.6 16.0

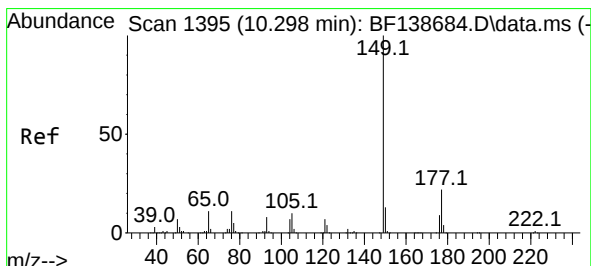
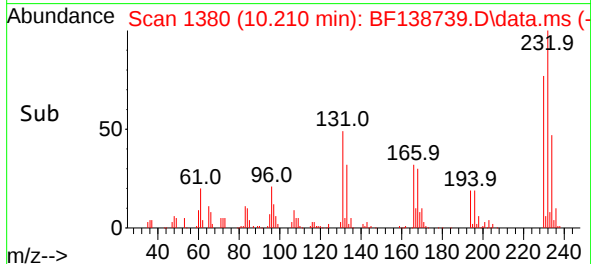
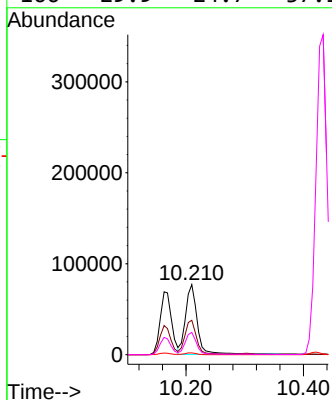
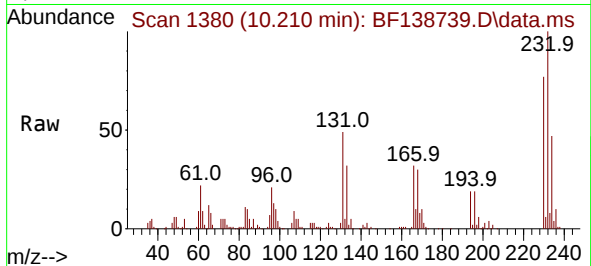




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.748 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

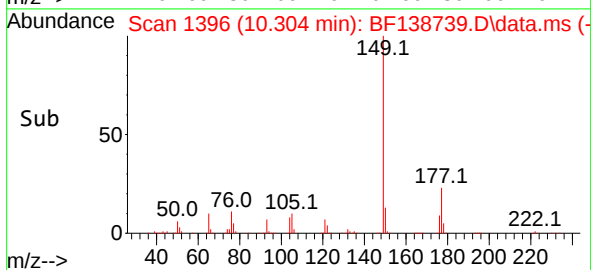
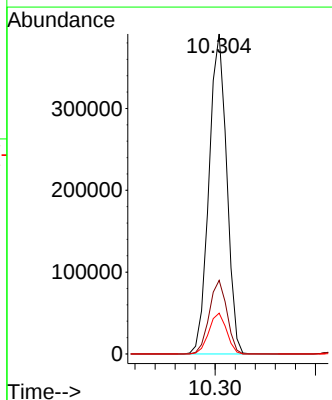
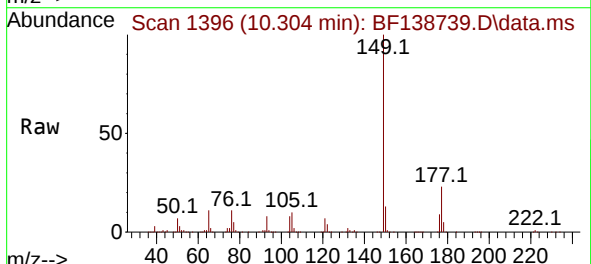
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

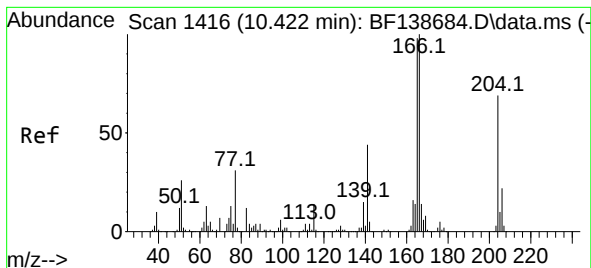
Tgt Ion:232 Resp: 105947
Ion Ratio Lower Upper
232 100
131 48.7 37.0 55.4
130 2.5 2.0 3.0
166 29.9 24.7 37.1



#60
Diethylphthalate
Concen: 61.096 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:149 Resp: 480069
Ion Ratio Lower Upper
149 100
177 23.0 17.8 26.8
150 12.7 10.1 15.1

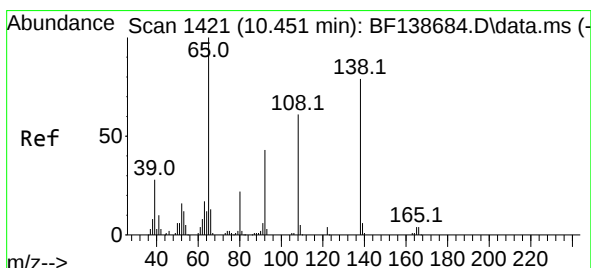
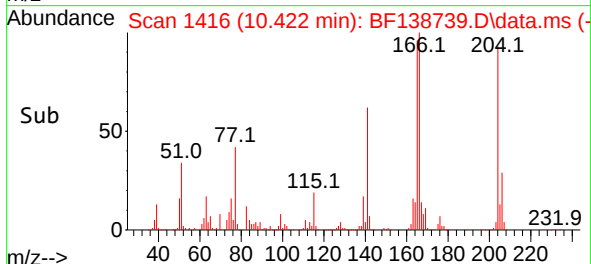
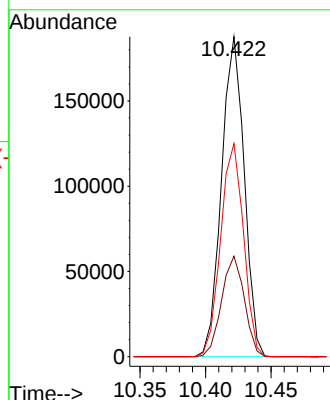
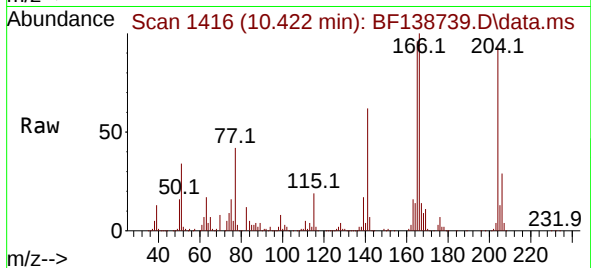




#61
4-Chlorophenyl-phenylether
Concen: 56.684 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

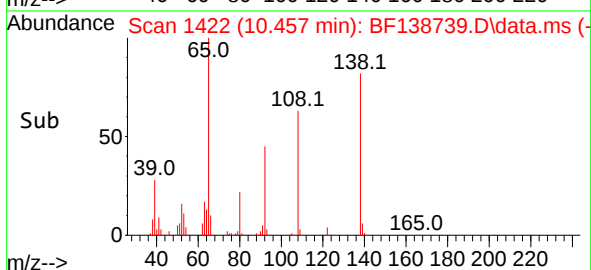
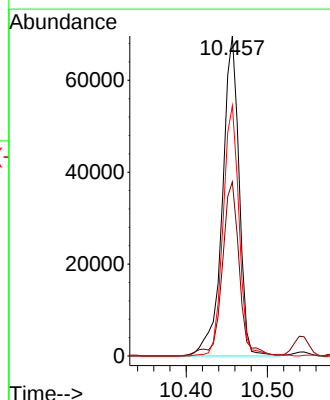
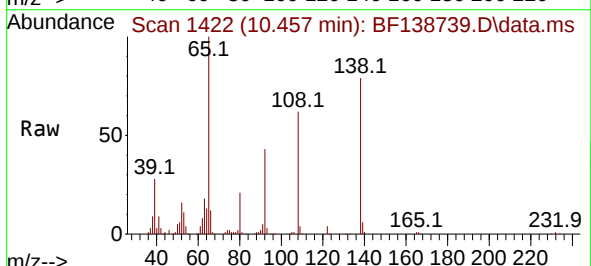
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

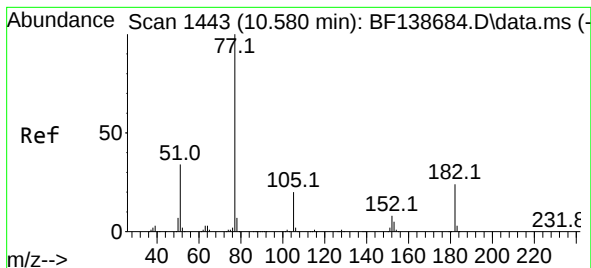
Tgt Ion:204 Resp: 225557
Ion Ratio Lower Upper
204 100
206 31.4 26.1 39.1
141 66.6 51.4 77.0



#62
4-Nitroaniline
Concen: 54.414 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:138 Resp: 99977
Ion Ratio Lower Upper
138 100
92 54.4 34.2 74.2
108 78.2 56.2 96.2





#63

Azobenzene

Concen: 59.050 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

Tgt Ion: 77 Resp: 514613

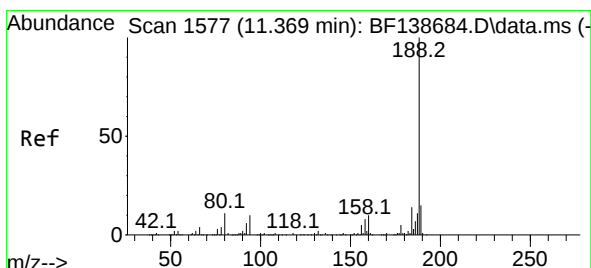
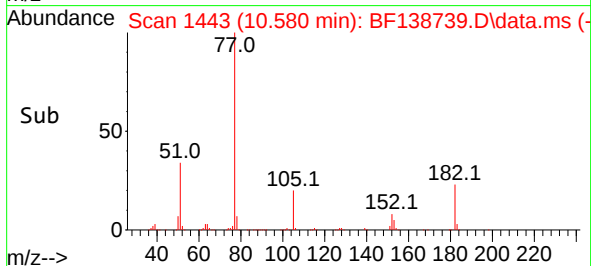
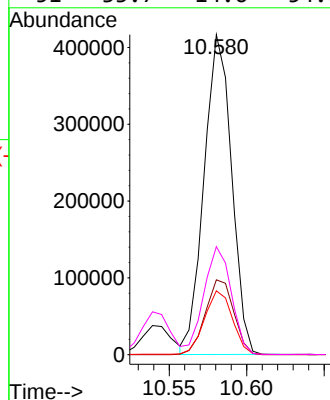
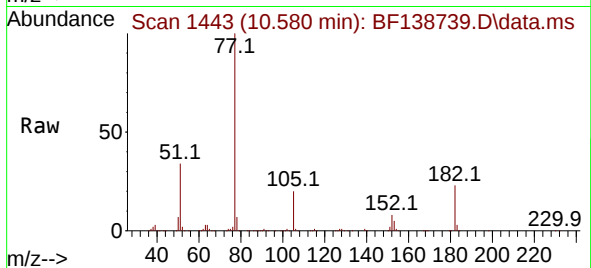
Ion Ratio Lower Upper

77 100

182 23.4 3.4 43.4

105 19.9 0.2 40.2

51 33.7 14.6 54.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

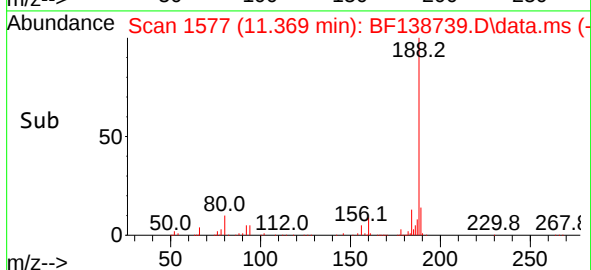
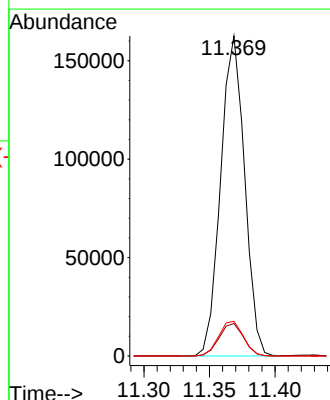
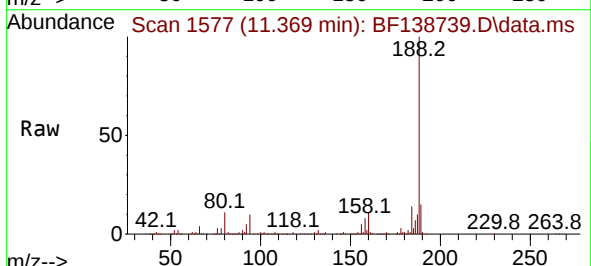
Tgt Ion: 188 Resp: 206224

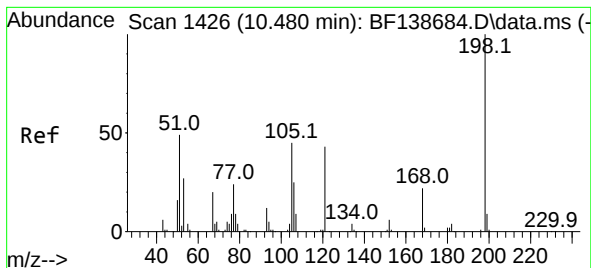
Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.9 8.6 12.8

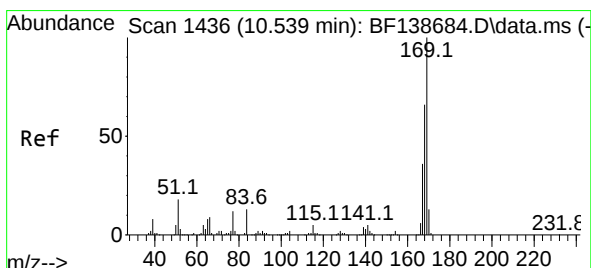
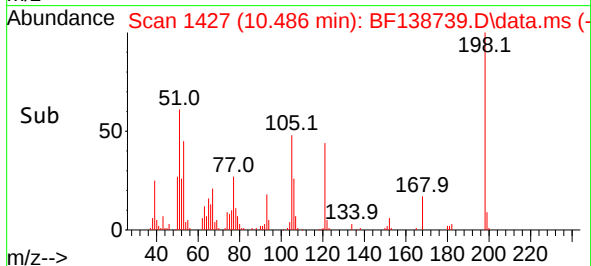
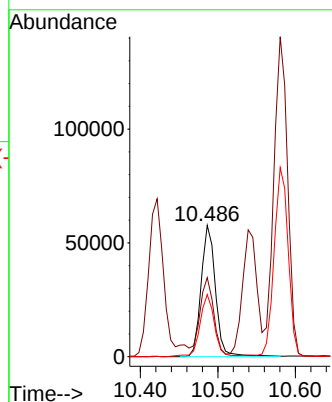
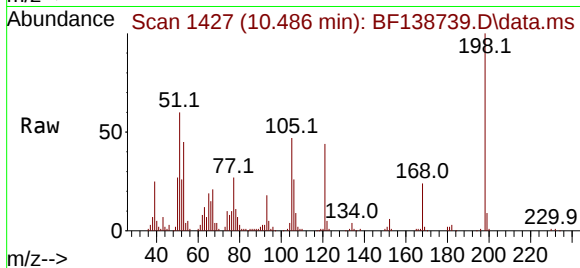




#65
4,6-Dinitro-2-methylphenol
Concen: 59.067 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

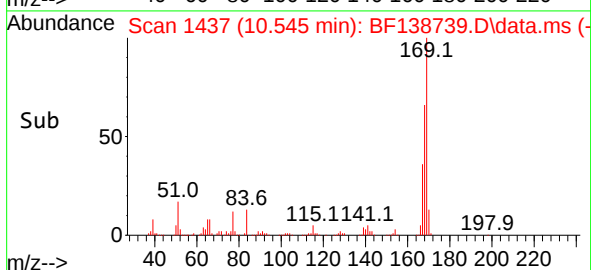
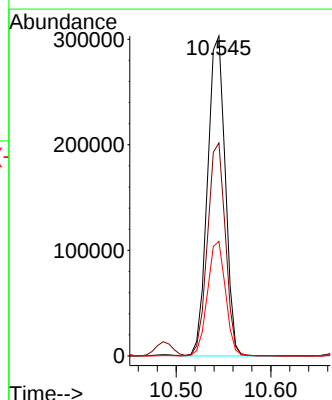
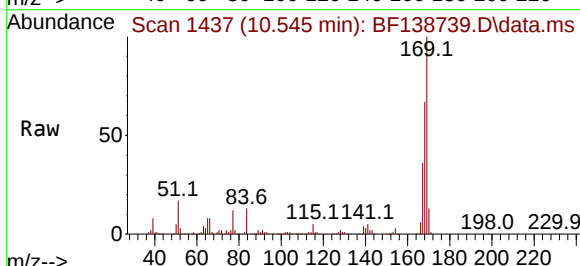
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

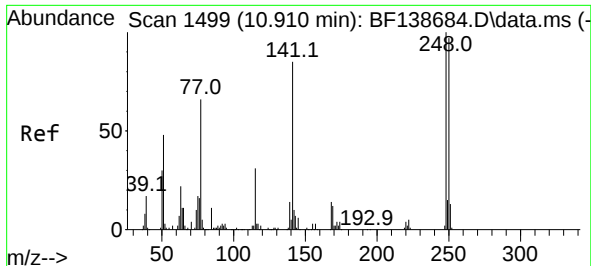
Tgt Ion:198 Resp: 74315
Ion Ratio Lower Upper
198 100
51 60.1 39.9 79.9
105 47.3 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 60.960 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:169 Resp: 392958
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 35.8 29.0 43.6

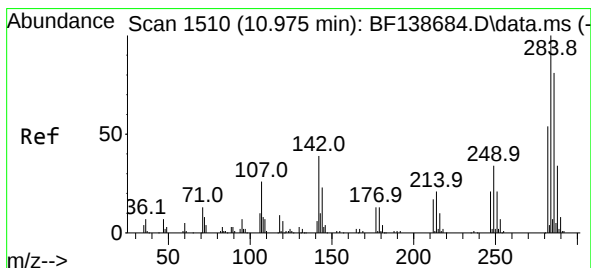
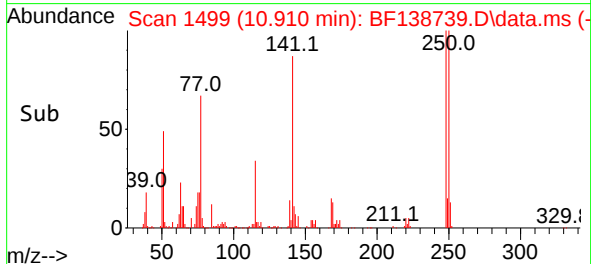
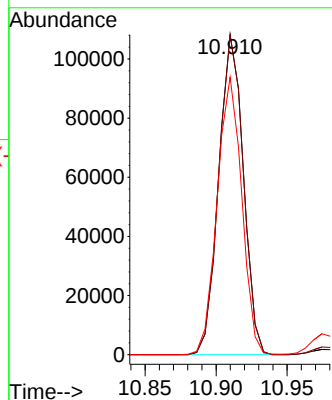
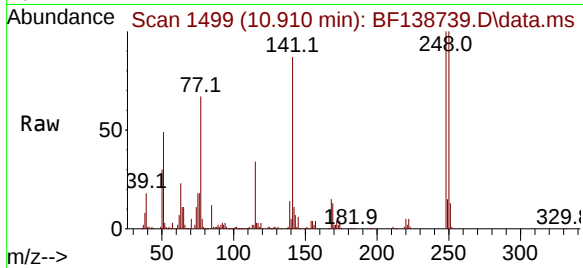




#67
4-Bromophenyl-phenylether
Concen: 58.310 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

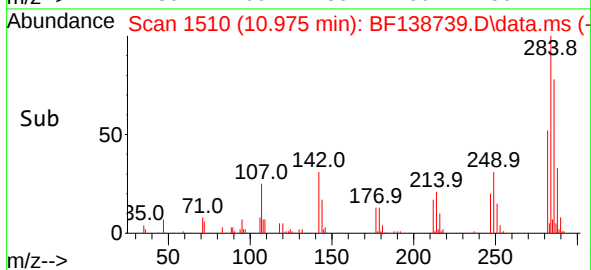
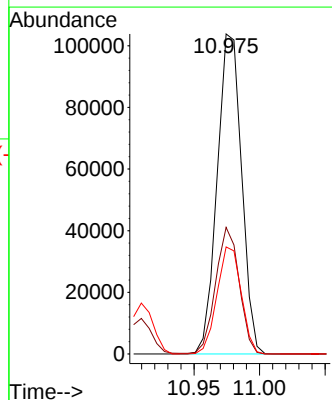
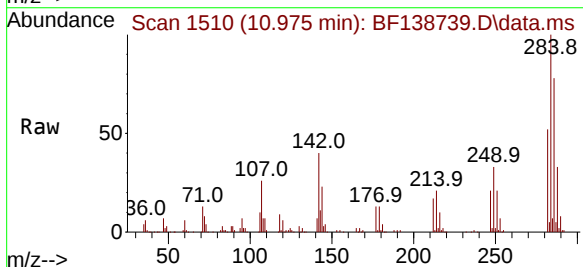
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

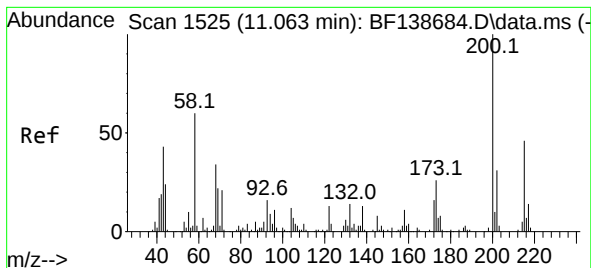
Tgt Ion:248 Resp: 130192
Ion Ratio Lower Upper
248 100
250 99.8 77.7 116.5
141 86.8 68.0 102.0



#68
Hexachlorobenzene
Concen: 58.235 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:284 Resp: 134251
Ion Ratio Lower Upper
284 100
142 39.6 31.3 46.9
249 33.5 27.2 40.8





#69

Atrazine

Concen: 71.247 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

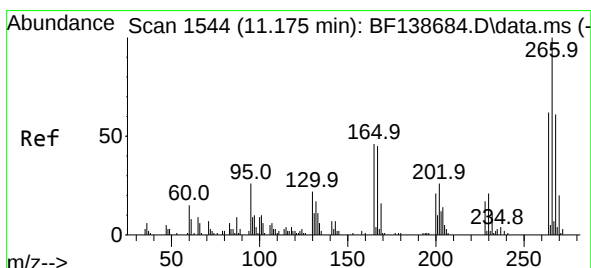
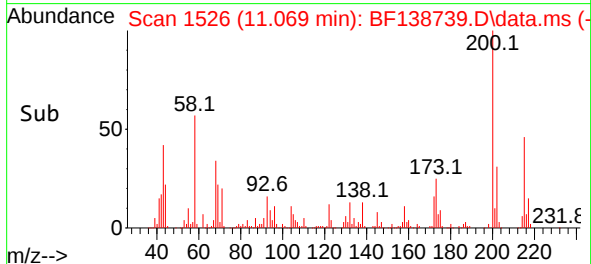
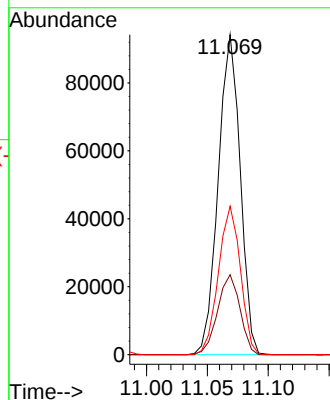
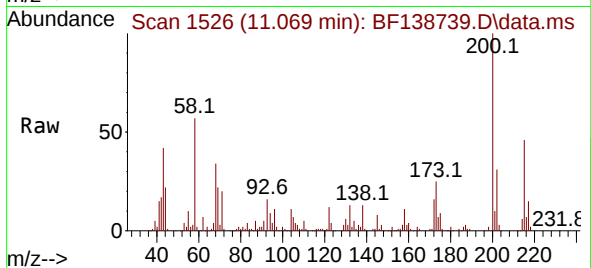
Tgt Ion:200 Resp: 118492

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

215 46.4 26.1 66.1



#70

Pentachlorophenol

Concen: 100.342 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

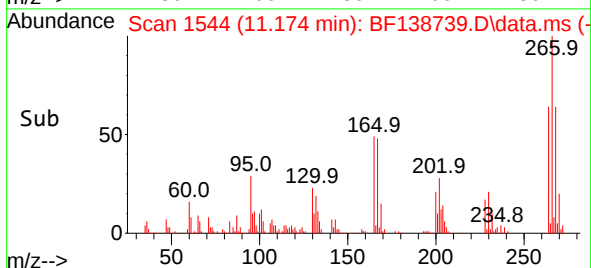
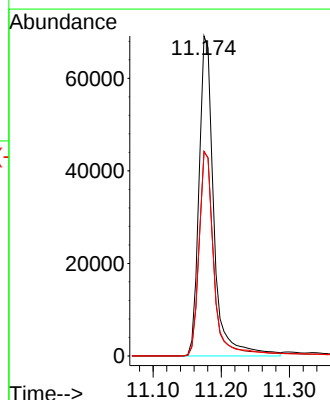
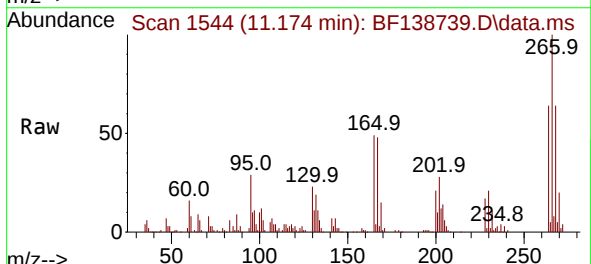
Tgt Ion:266 Resp: 104267

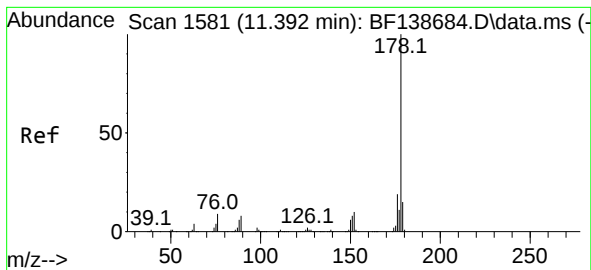
Ion Ratio Lower Upper

266 100

268 63.8 49.2 73.8

264 64.0 49.8 74.6

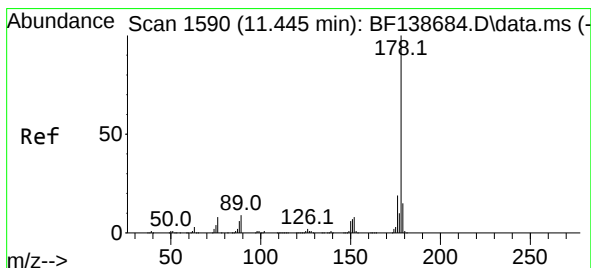
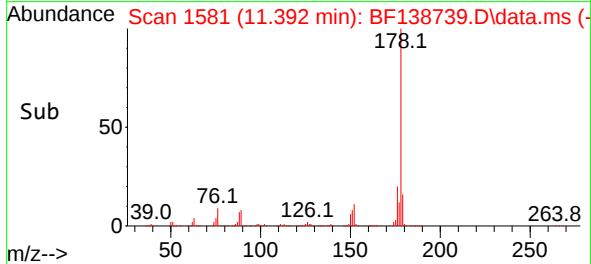
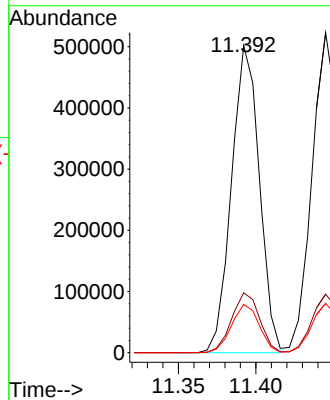
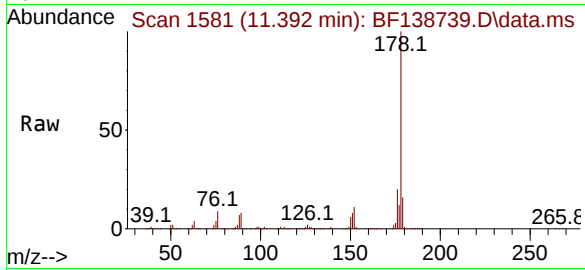




#71
Phenanthrene
Concen: 59.027 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

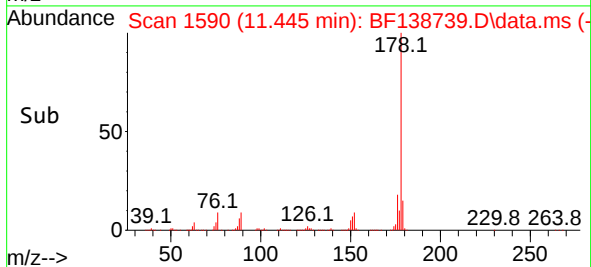
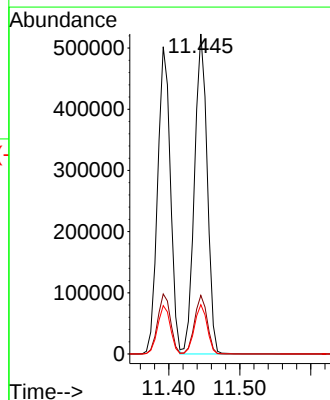
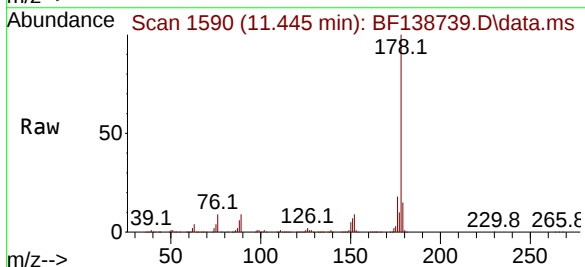
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

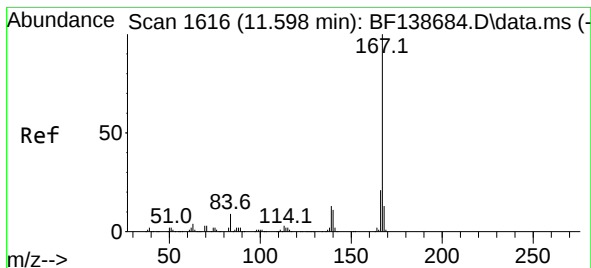
Tgt Ion:178 Resp: 626801
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.7 12.2 18.2



#72
Anthracene
Concen: 62.333 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:178 Resp: 652068
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 58.285 ng

RT: 11.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

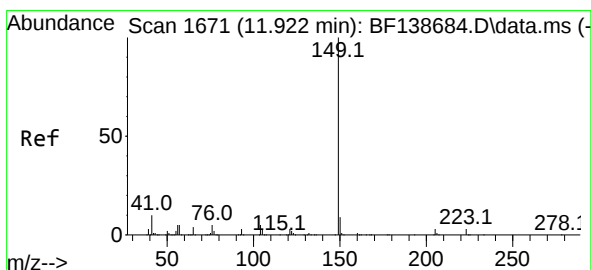
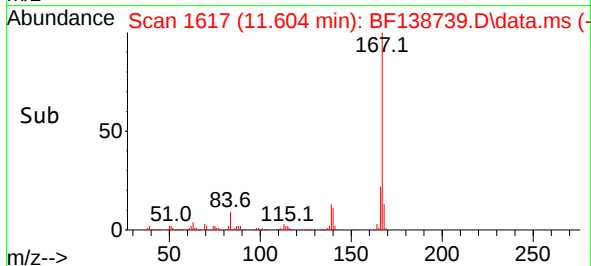
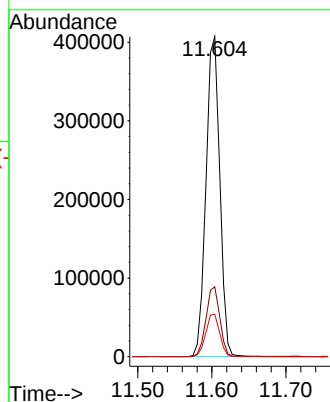
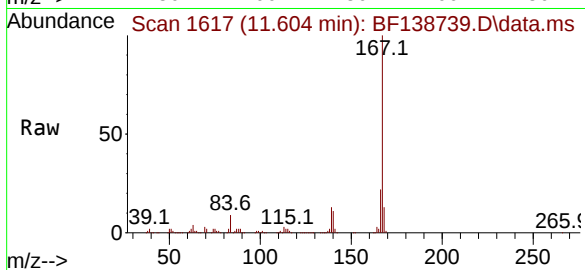
Tgt Ion:167 Resp: 526038

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

139 13.3 10.6 16.0



#74

Di-n-butylphthalate

Concen: 69.348 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

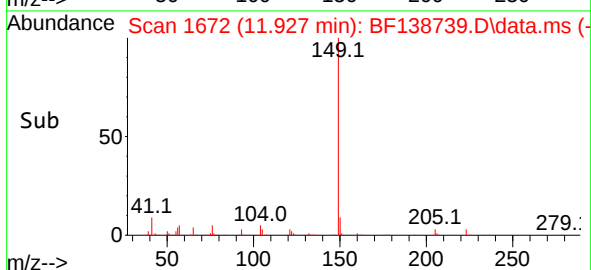
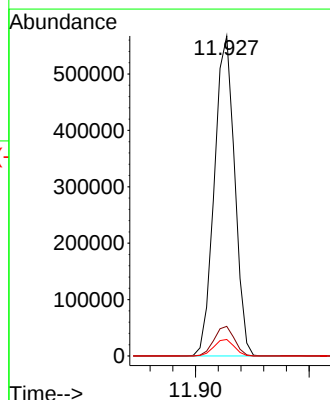
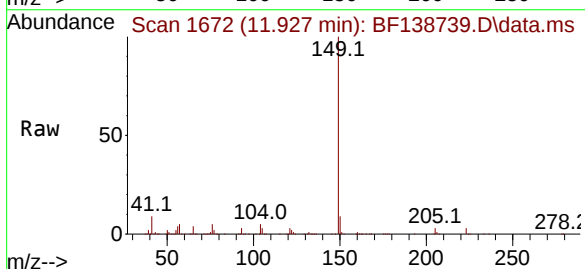
Tgt Ion:149 Resp: 703592

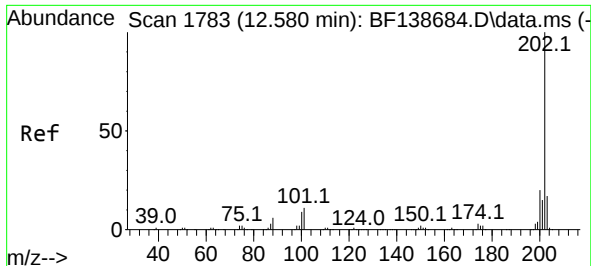
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.1 4.1 6.1

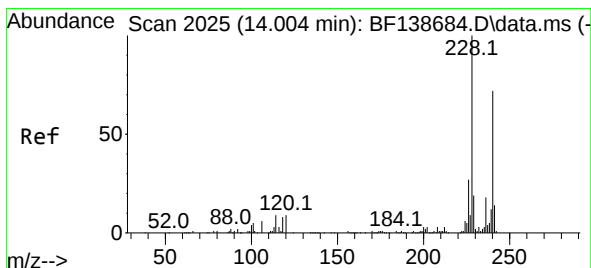
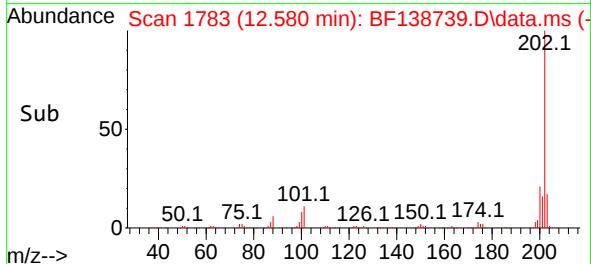
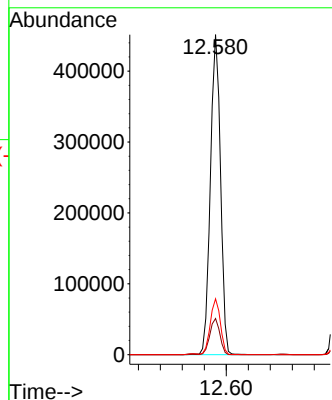
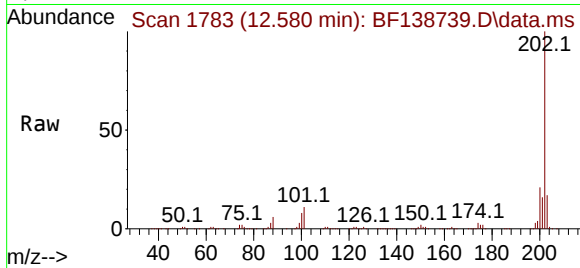




#75
Fluoranthene
Concen: 57.999 ng
RT: 12.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

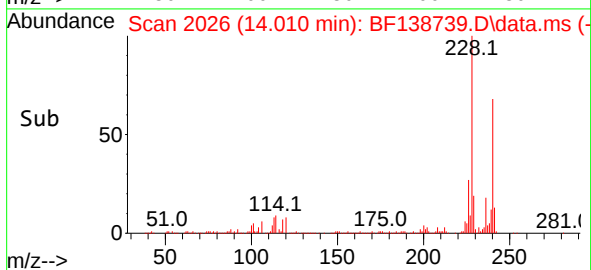
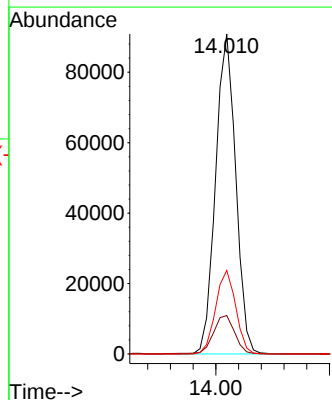
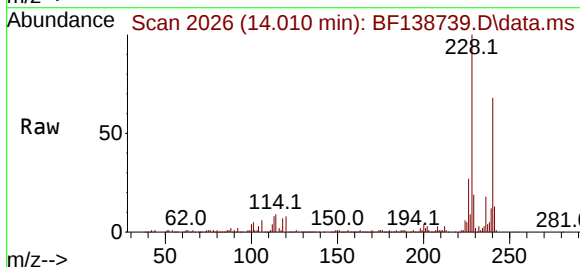
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

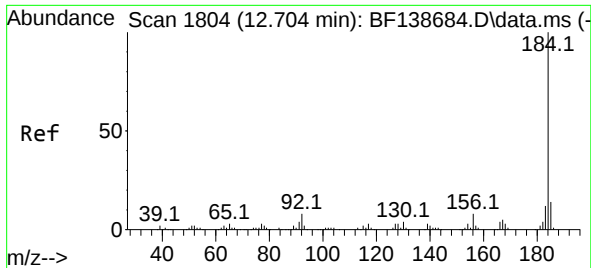
Tgt Ion:202 Resp: 574970
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.2
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:240 Resp: 111808
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.4
236 26.1 19.8 29.8

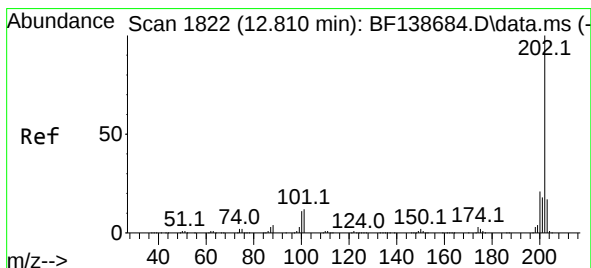
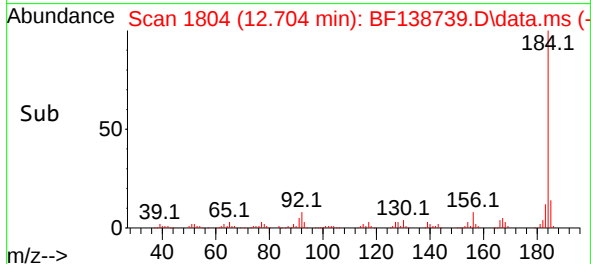
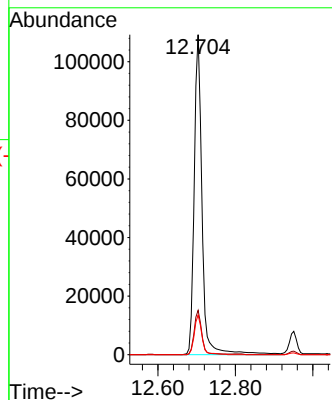
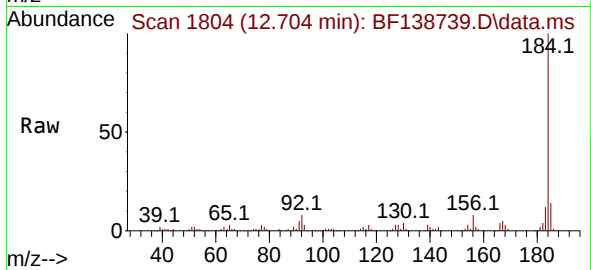




#77
Benzidine
Concen: 57.660 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

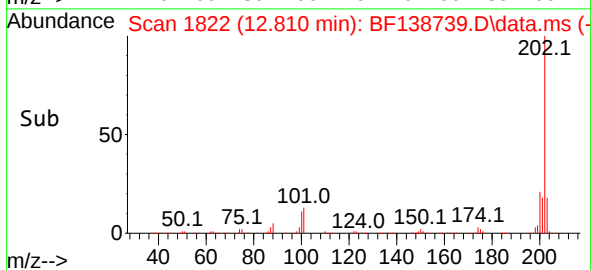
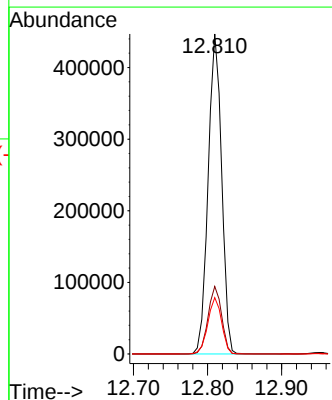
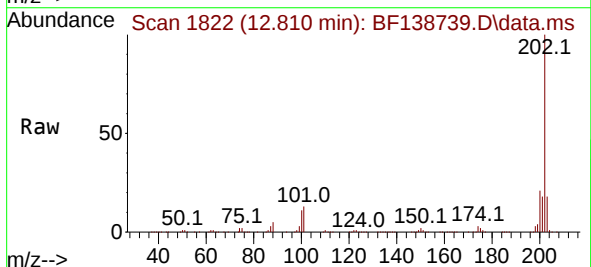
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

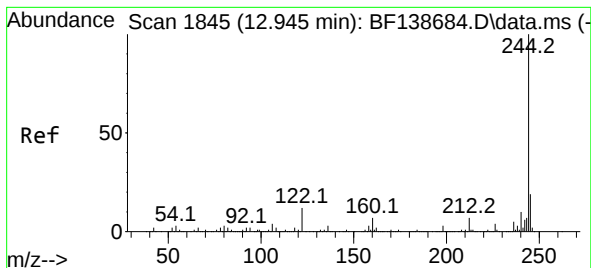
Tgt Ion:184 Resp: 154197
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 12.4 9.6 14.4



#78
Pyrene
Concen: 53.751 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:202 Resp: 565840
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 111.929 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138739.D

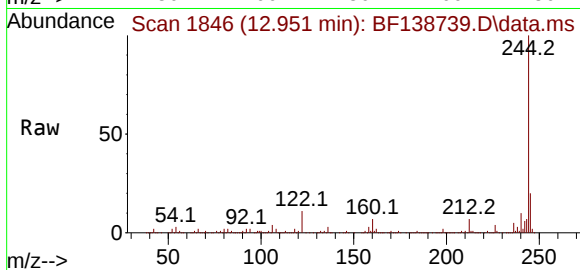
Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS



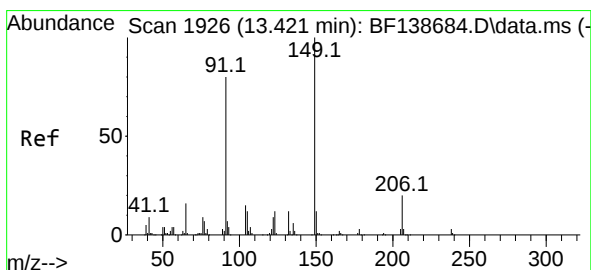
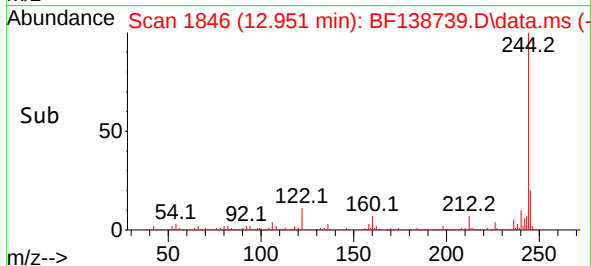
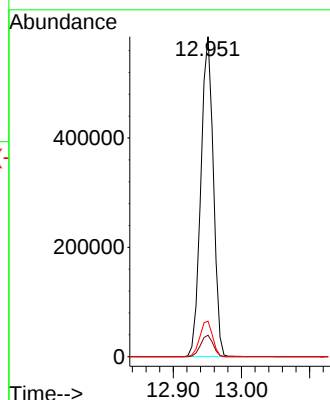
Tgt Ion:244 Resp: 747465

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 11.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 70.254 ng

RT: 13.421 min Scan# 1926

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

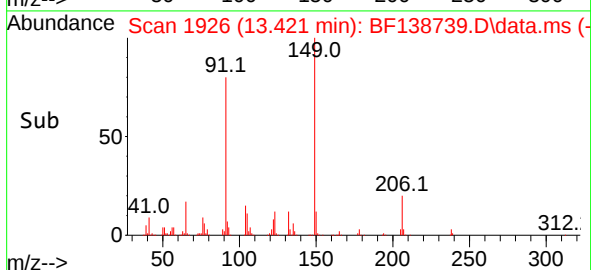
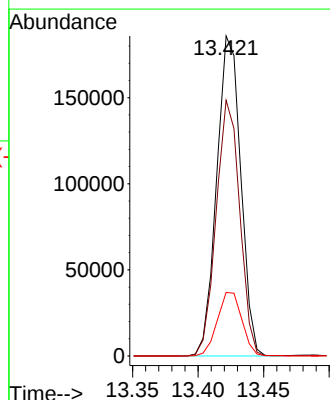
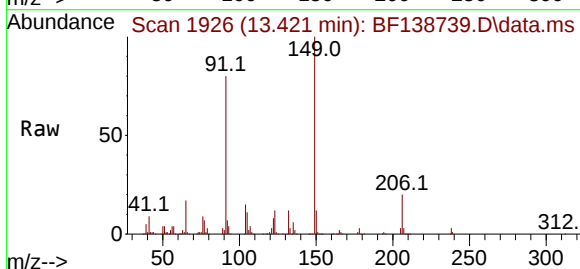
Tgt Ion:149 Resp: 236832

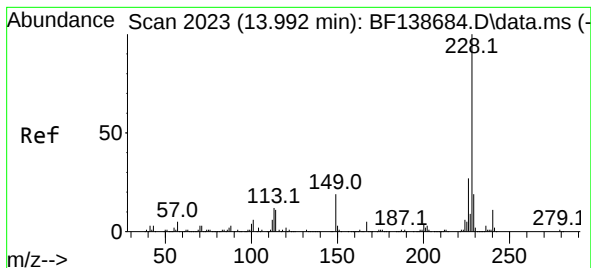
Ion Ratio Lower Upper

149 100

91 79.9 63.7 95.5

206 19.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 59.470 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

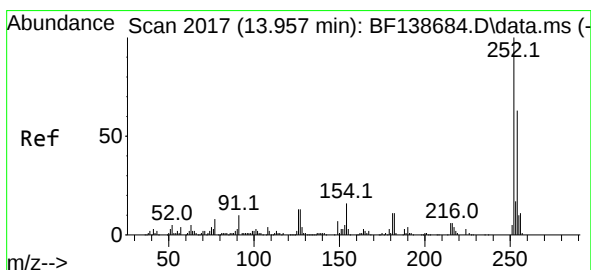
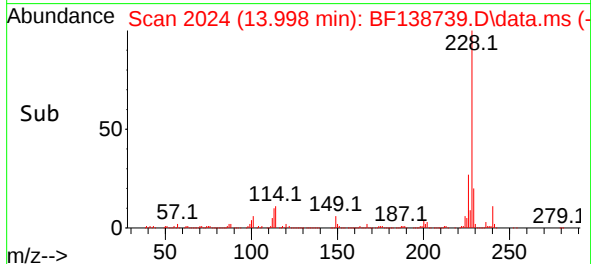
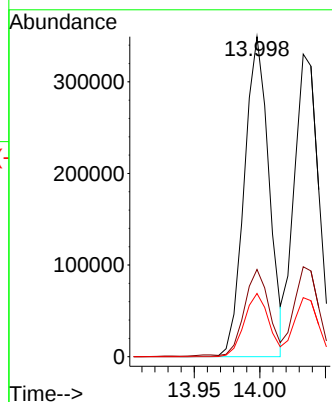
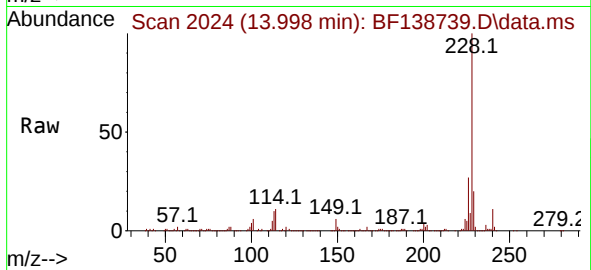
Tgt Ion:228 Resp: 457879

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

229 19.8 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 62.684 ng

RT: 13.963 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

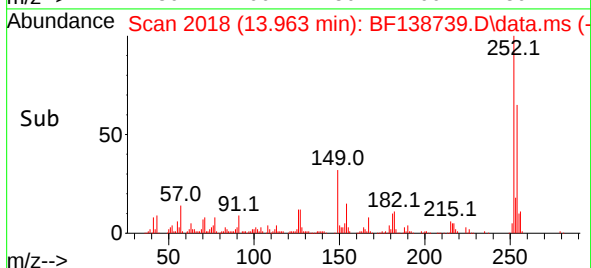
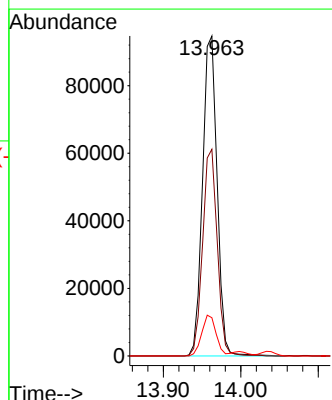
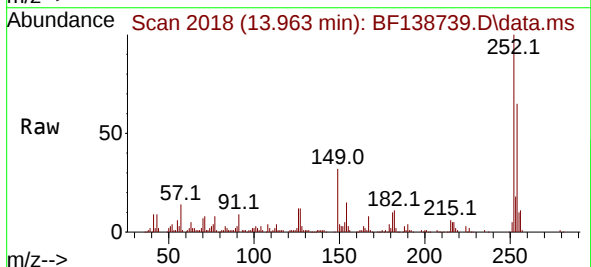
Tgt Ion:252 Resp: 123506

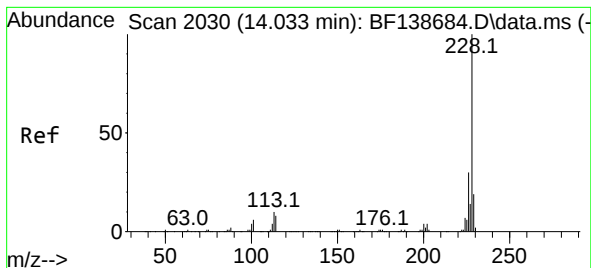
Ion Ratio Lower Upper

252 100

254 64.6 50.8 76.2

126 12.0 10.2 15.2





#83

Chrysene

Concen: 61.026 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

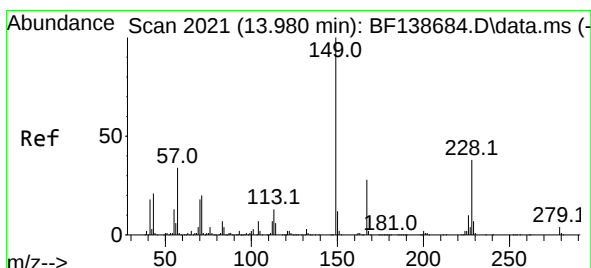
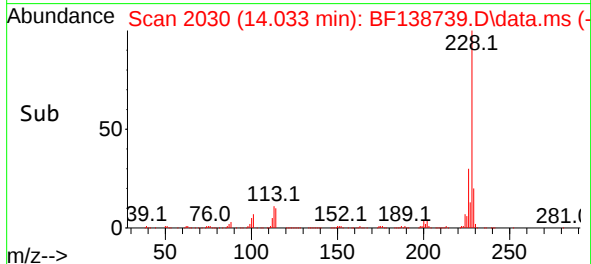
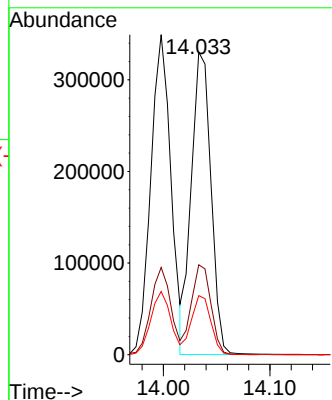
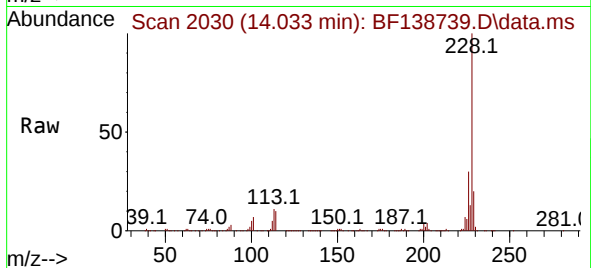
Tgt Ion:228 Resp: 423902

Ion Ratio Lower Upper

228 100

226 29.7 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.161 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

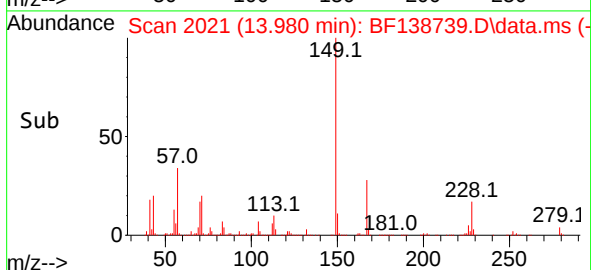
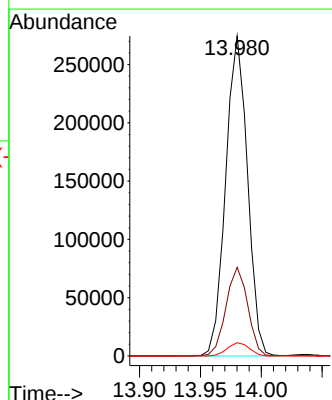
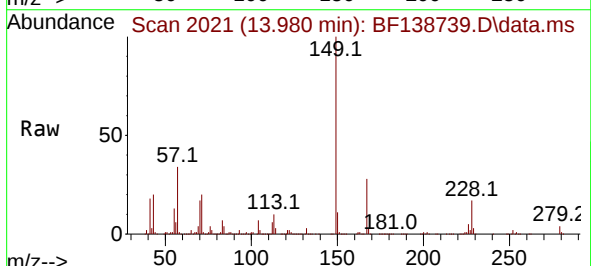
Tgt Ion:149 Resp: 341402

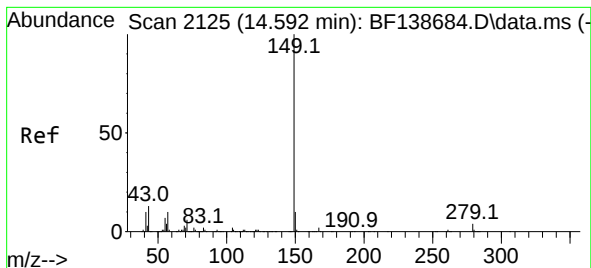
Ion Ratio Lower Upper

149 100

167 27.7 22.2 33.4

279 4.1 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 62.080 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.000 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

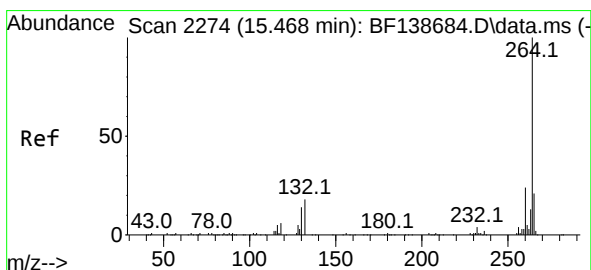
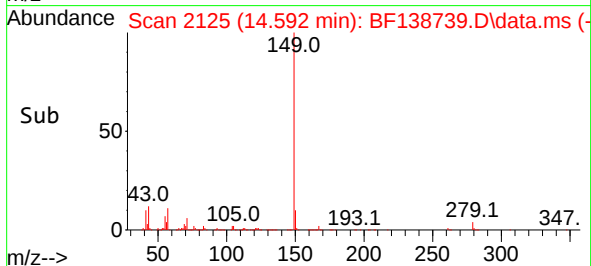
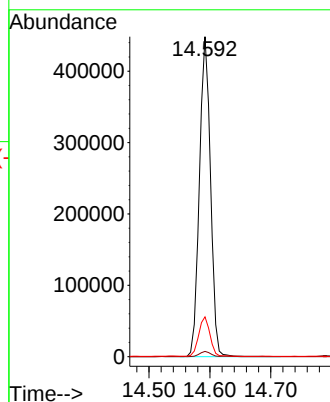
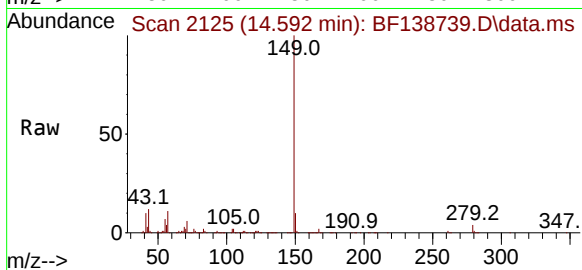
Tgt Ion:149 Resp: 566978

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 12.6 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

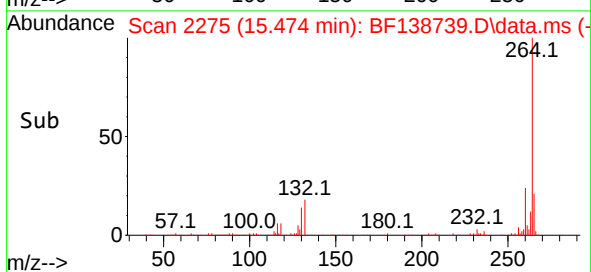
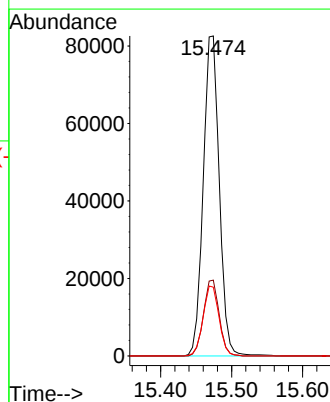
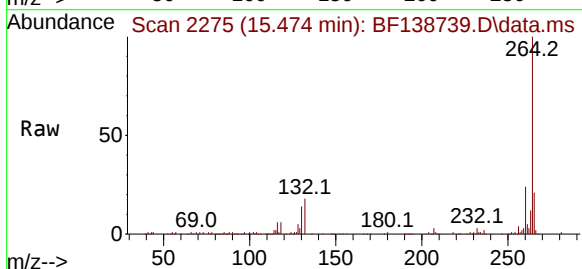
Tgt Ion:264 Resp: 129828

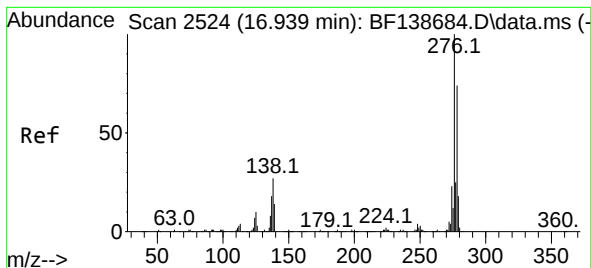
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 57.588 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MS

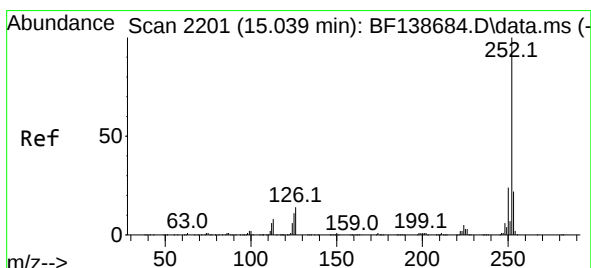
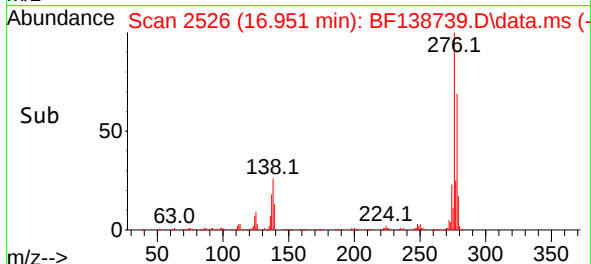
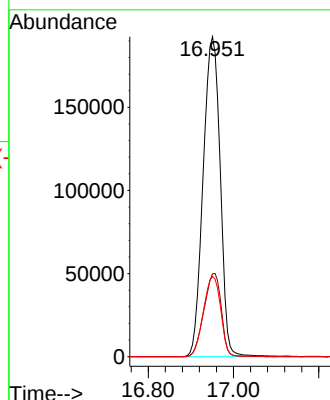
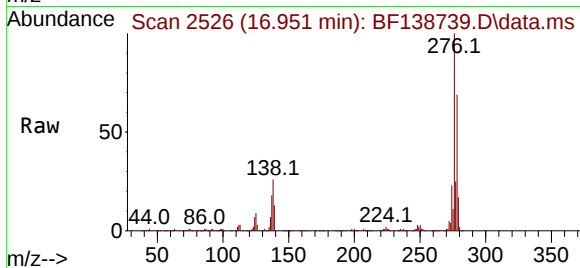
Tgt Ion:276 Resp: 535793

Ion Ratio Lower Upper

276 100

138 26.3 21.8 32.8

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 59.103 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF138739.D

Acq: 02 Aug 2024 10:55

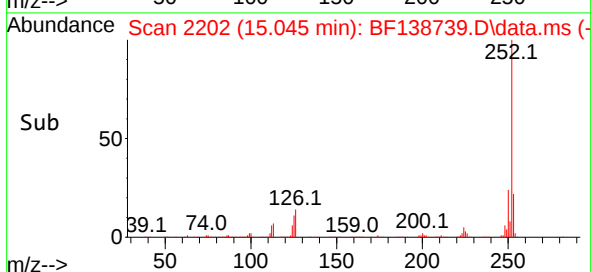
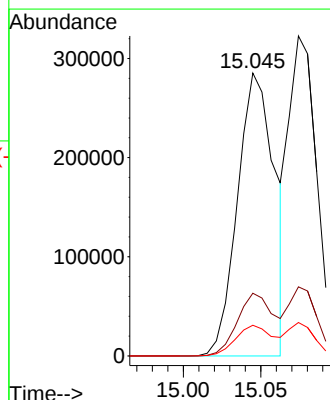
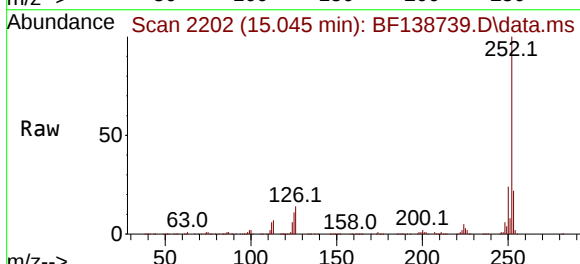
Tgt Ion:252 Resp: 475665

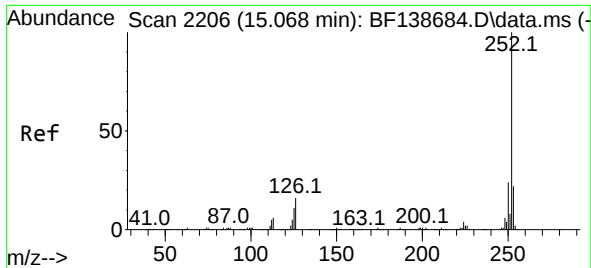
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.9 8.9 13.3

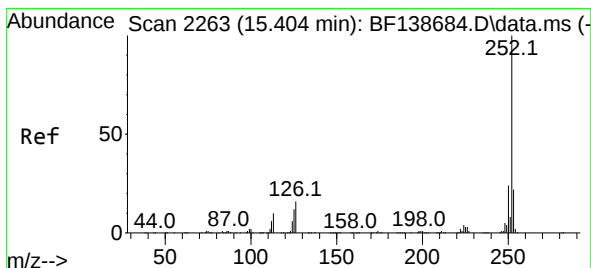
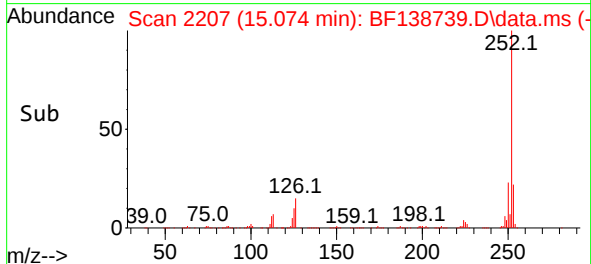
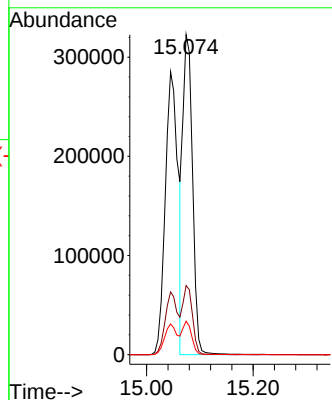
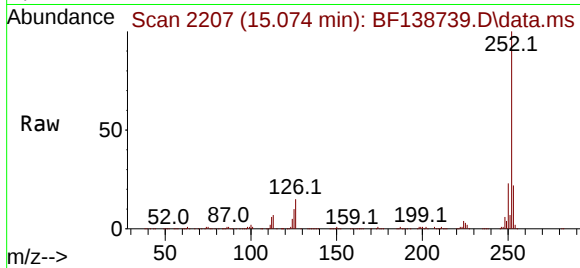




#89
Benzo(k)fluoranthene
Concen: 58.551 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

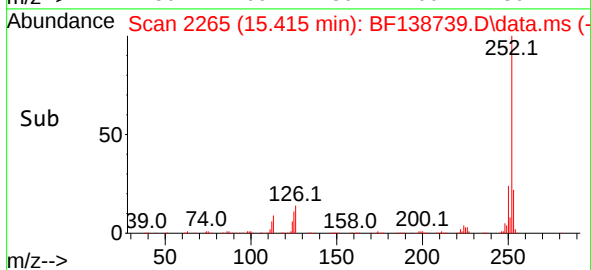
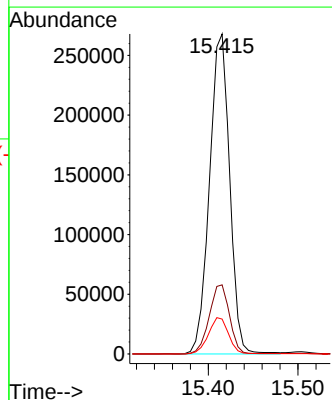
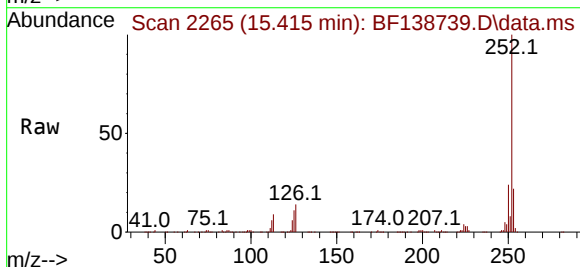
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

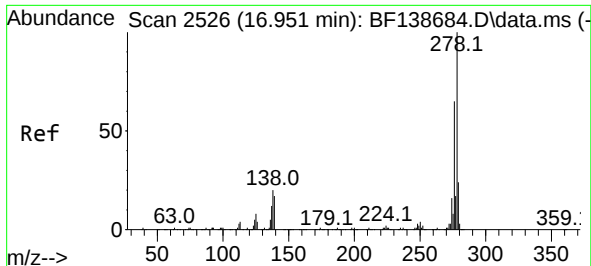
Tgt Ion:252 Resp: 407990
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.4 8.6 13.0



#90
Benzo(a)pyrene
Concen: 61.787 ng
RT: 15.415 min Scan# 2265
Delta R.T. 0.012 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:252 Resp: 418269
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.9 9.5 14.3

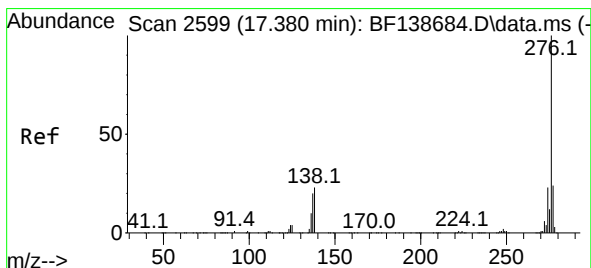
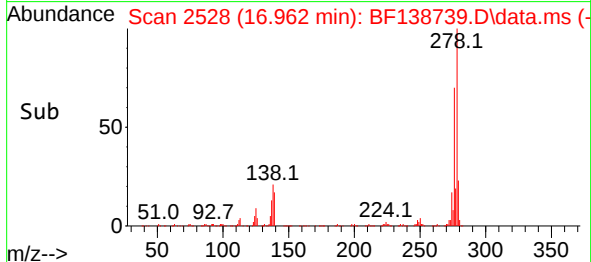
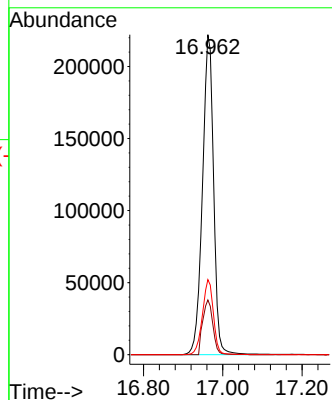
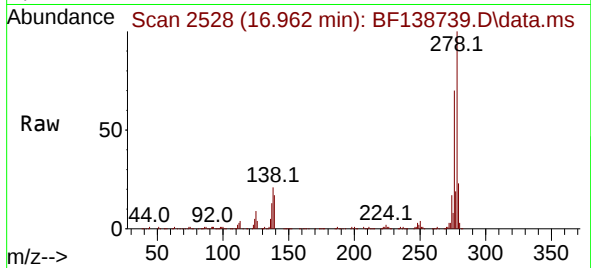




#91
Dibenzo(a,h)anthracene
Concen: 56.812 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MS

Tgt Ion:278 Resp: 433893
Ion Ratio Lower Upper
278 100
139 17.1 14.0 21.0
279 23.5 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 51.866 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138739.D
Acq: 02 Aug 2024 10:55

Tgt Ion:276 Resp: 411056
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.4
138 22.6 18.5 27.7

