

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138740.D
 Acq On : 02 Aug 2024 11:25
 Operator : RC/JU
 Sample : P3396-18MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-01MSD

Quant Time: Aug 02 11:59:36 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	60696	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	239589	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	126304	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	201242	20.000	ng	0.00
76) Chrysene-d12	14.010	240	110676	20.000	ng	0.00
86) Perylene-d12	15.468	264	130238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	238518	60.661	ng	0.00
7) Phenol-d6	6.481	99	193340	36.624	ng	0.00
23) Nitrobenzene-d5	7.410	82	479738	97.897	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	157784	152.507	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	839444	99.859	ng	0.00
79) Terphenyl-d14	12.951	244	738333	111.692	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	32780	19.042	ng	95
3) Pyridine	3.387	79	74920	17.966	ng	96
4) n-Nitrosodimethylamine	3.328	42	52590	21.175	ng	100
6) Aniline	6.504	93	170951	36.311	ng	92
8) 2-Chlorophenol	6.634	128	181116	43.781	ng	97
9) Benzaldehyde	6.398	77	13046	4.123	ng	98
10) Phenol	6.498	94	90531	16.288	ng	# 61
11) bis(2-Chloroethyl)ether	6.581	93	223332	52.214	ng	100
12) 1,3-Dichlorobenzene	6.787	146	191298	41.310	ng	99
13) 1,4-Dichlorobenzene	6.863	146	196122	41.967	ng	98
14) 1,2-Dichlorobenzene	7.016	146	189489	43.386	ng	99
15) Benzyl Alcohol	6.987	79	137185	36.055	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	378900	51.474	ng	91
17) 2-Methylphenol	7.104	107	117906	34.516	ng	# 92
18) Hexachloroethane	7.351	117	69970	39.776	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	179279	56.227	ng	97
20) 3+4-Methylphenols	7.257	107	134998	30.801	ng	# 75
22) Acetophenone	7.257	105	303538	51.742	ng	95
24) Nitrobenzene	7.434	77	256022	51.343	ng	97
25) Isophorone	7.669	82	487278	58.233	ng	98
26) 2-Nitrophenol	7.745	139	116503	54.304	ng	99
27) 2,4-Dimethylphenol	7.781	122	137518	53.574	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	283392	55.614	ng	99
29) 2,4-Dichlorophenol	7.992	162	173399	52.571	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	177007	46.502	ng	100
31) Naphthalene	8.151	128	622496	49.360	ng	99
32) Benzoic acid	7.887	122	20713	10.265	ng	97
33) 4-Chloroaniline	8.198	127	180086	42.540	ng	99
34) Hexachlorobutadiene	8.263	225	99494	43.154	ng	98
35) Caprolactam	8.575	113	8842	8.984	ng	98
36) 4-Chloro-3-methylphenol	8.681	107	183871	48.778	ng	100
37) 2-Methylnaphthalene	8.839	142	421882	52.969	ng	100
38) 1-Methylnaphthalene	8.939	142	393445	50.412	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	181146	51.630	ng	99
41) Hexachlorocyclopentadiene	8.986	237	131274	136.015	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	123027	57.510	ng	100

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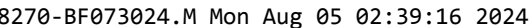
Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-01MSD

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 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	127357	54.458	ng	99
46) 1,1'-Biphenyl	9.304	154	515834	52.147	ng	100
47) 2-Chloronaphthalene	9.328	162	401785	54.613	ng	99
48) 2-Nitroaniline	9.428	65	149625	59.992	ng	98
49) Acenaphthylene	9.745	152	640681	61.401	ng	99
50) Dimethylphthalate	9.604	163	535985	66.367	ng	99
51) 2,6-Dinitrotoluene	9.669	165	107162	58.796	ng	95
52) Acenaphthene	9.916	154	394325	56.219	ng	99
53) 3-Nitroaniline	9.839	138	81301	43.150	ng	97
54) 2,4-Dinitrophenol	9.957	184	95071	113.314	ng	97
55) Dibenzofuran	10.086	168	574853	58.059	ng	99
56) 4-Nitrophenol	10.016	139	34997	30.887	ng	97
57) 2,4-Dinitrotoluene	10.075	165	139598	60.033	ng	97
58) Fluorene	10.433	166	452621	57.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	107649	60.209	ng	96
60) Diethylphthalate	10.304	149	477980	62.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	226333	58.366	ng	100
62) 4-Nitroaniline	10.457	138	99872	55.777	ng	98
63) Azobenzene	10.580	77	508808	59.910	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	75532	61.521	ng	98
66) n-Nitrosodiphenylamine	10.545	169	396358	63.010	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	129848	59.595	ng	99
68) Hexachlorobenzene	10.980	284	130801	58.143	ng	96
69) Atrazine	11.069	200	119126	73.402	ng	98
70) Pentachlorophenol	11.175	266	106912	105.434	ng	98
71) Phenanthrene	11.392	178	625380	60.351	ng	100
72) Anthracene	11.445	178	640223	62.716	ng	100
73) Carbazole	11.604	167	526372	59.766	ng	100
74) Di-n-butylphthalate	11.927	149	697969	70.497	ng	100
75) Fluoranthene	12.580	202	573890	59.324	ng	100
77) Benzidine	12.704	184	155942	58.909	ng	99
78) Pyrene	12.810	202	570893	54.786	ng	100
80) Butylbenzylphthalate	13.421	149	239902	71.893	ng	100
81) Benzo(a)anthracene	13.998	228	471803	61.905	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	125642	64.420	ng	99
83) Chrysene	14.033	228	433007	62.974	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	353326	72.308	ng	99
85) Di-n-octyl phthalate	14.592	149	589806	65.240	ng	98
87) Indeno(1,2,3-cd)pyrene	16.951	276	549737	58.901	ng	99
88) Benzo(b)fluoranthene	15.045	252	507851	62.904	ng	100
89) Benzo(k)fluoranthene	15.074	252	418031	59.803	ng	99
90) Benzo(a)pyrene	15.415	252	436045	64.210	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	446510	58.280	ng	99
92) Benzo(g,h,i)perylene	17.392	276	425706	53.546	ng	100

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

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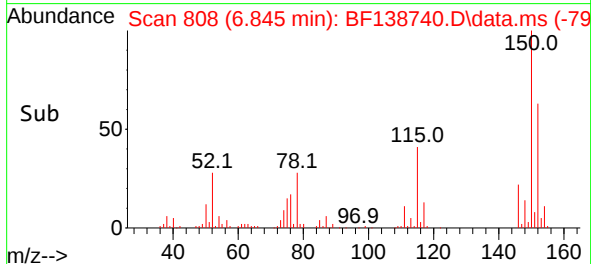
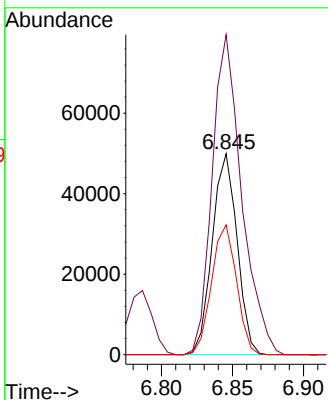
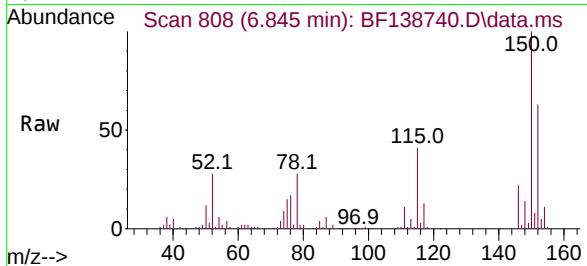




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138740.D
 Acq: 02 Aug 2024 11:25

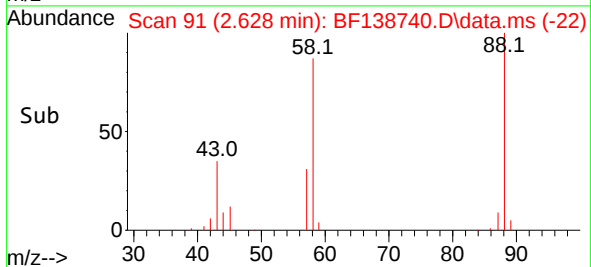
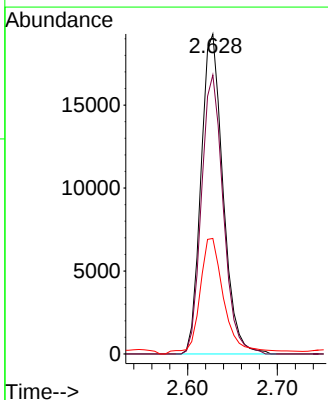
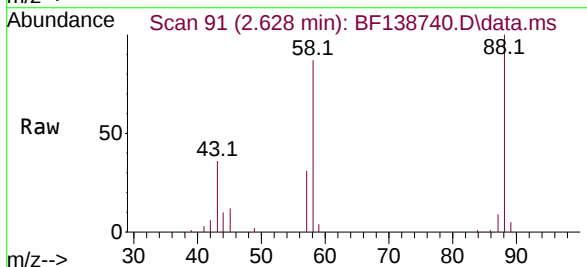
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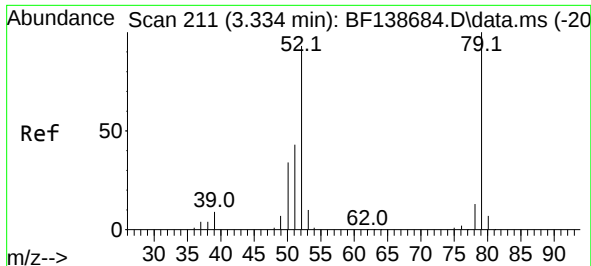
Tgt Ion:152 Resp: 60696
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.0 189.0
 115 64.6 51.7 77.5



#2
 1,4-Dioxane
 Concen: 19.042 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.053 min
 Lab File: BF138740.D
 Acq: 02 Aug 2024 11:25

Tgt Ion: 88 Resp: 32780
 Ion Ratio Lower Upper
 88 100
 58 86.6 71.6 107.4
 43 40.8 28.7 43.1





#3

Pyridine

Concen: 17.966 ng

RT: 3.387 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

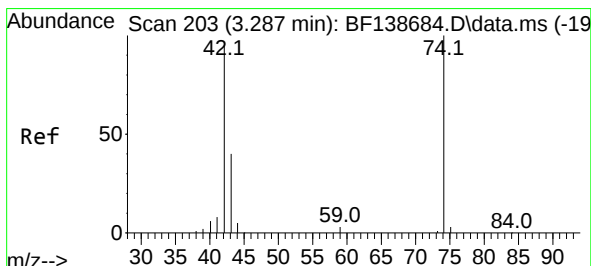
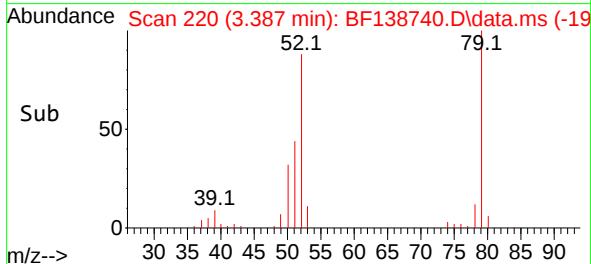
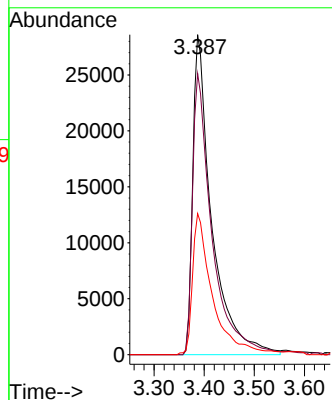
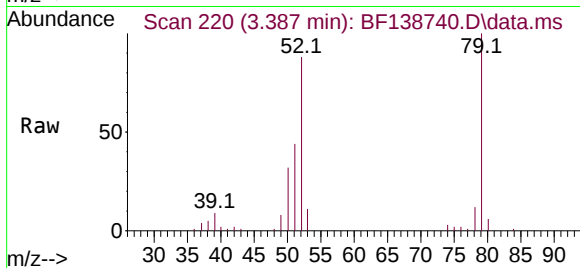
Tgt Ion: 79 Resp: 74920

Ion Ratio Lower Upper

79 100

52 87.8 74.7 112.1

51 44.1 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 21.175 ng

RT: 3.328 min Scan# 210

Delta R.T. 0.041 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

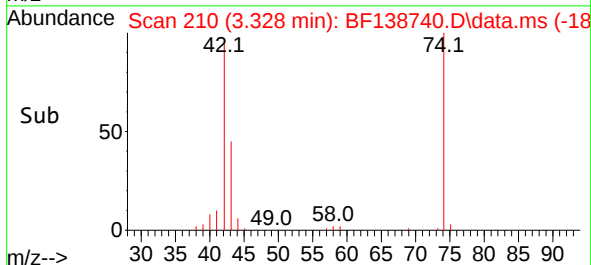
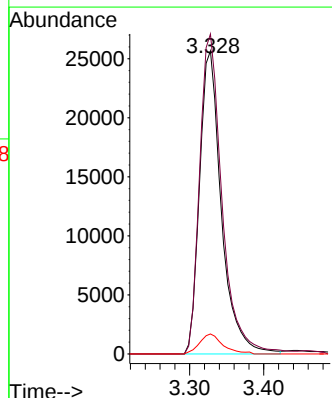
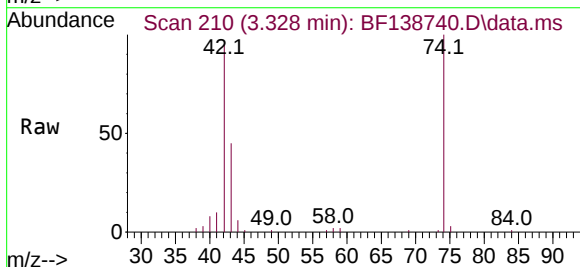
Tgt Ion: 42 Resp: 52590

Ion Ratio Lower Upper

42 100

74 105.6 84.2 126.4

44 6.6 4.9 7.3

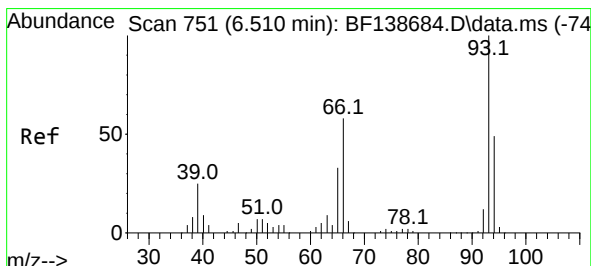
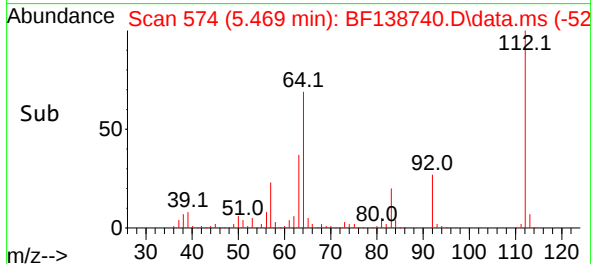
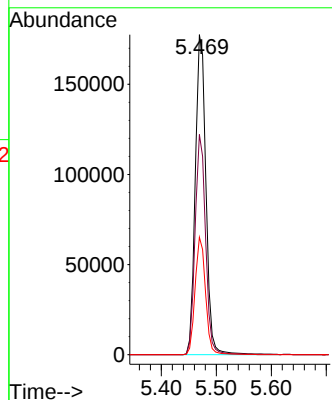
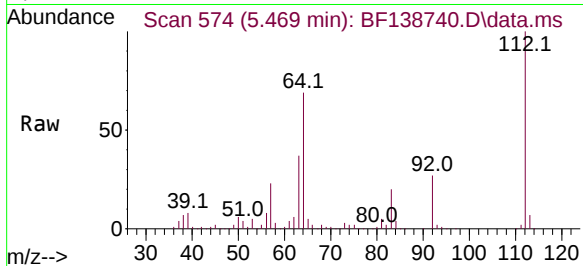




#5
2-Fluorophenol
Concen: 60.661 ng
RT: 5.469 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

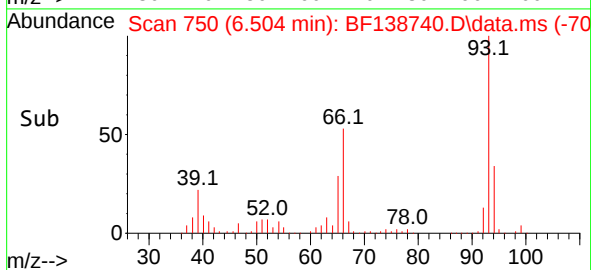
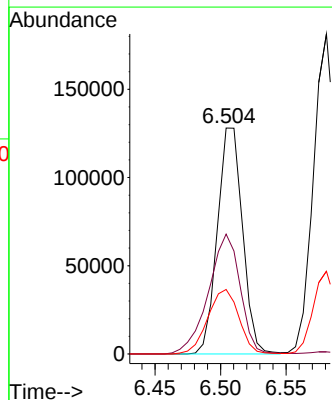
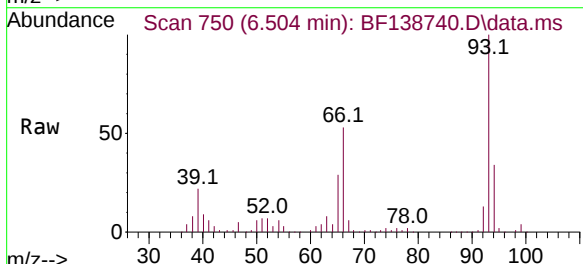
Instrument :
BNA_F
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Tgt Ion:112 Resp: 238518
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 36.7 28.7 43.1



#6
Aniline
Concen: 36.311 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion: 93 Resp: 170951
Ion Ratio Lower Upper
93 100
66 53.1 46.9 70.3
65 28.6 26.5 39.7





#7

Phenol-d6

Concen: 36.624 ng

RT: 6.481 min Scan# 747

Delta R.T. -0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

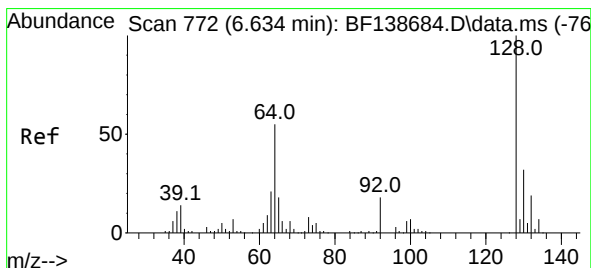
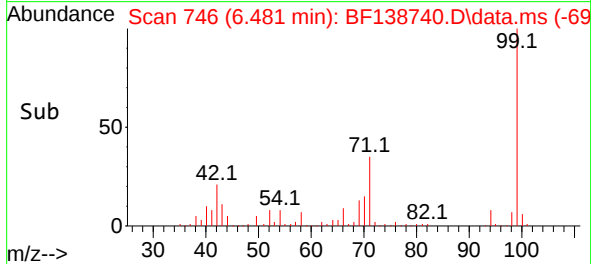
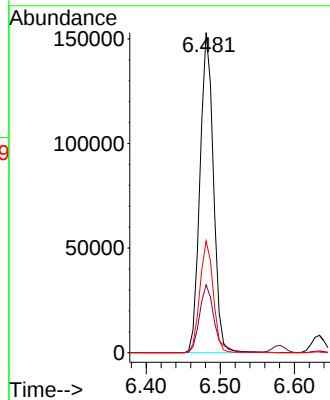
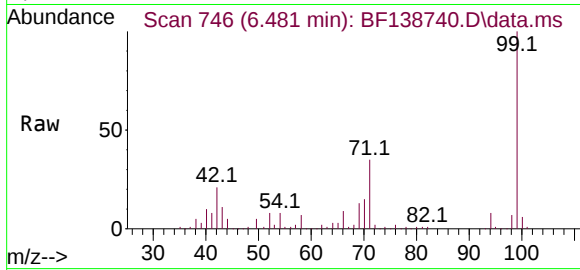
BNA_F

ClientSampleId :

P001-CF05-01MSD

Tgt Ion: 99 Resp: 193340

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.4	26.0
71	34.9	28.1	42.1



#8

2-Chlorophenol

Concen: 43.781 ng

RT: 6.634 min Scan# 772

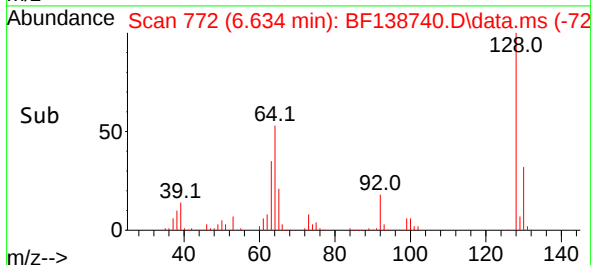
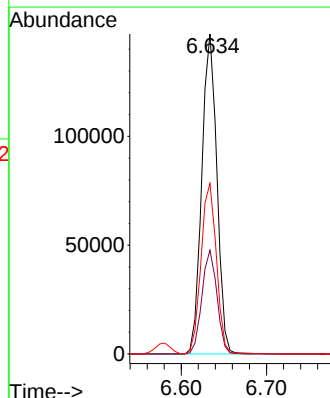
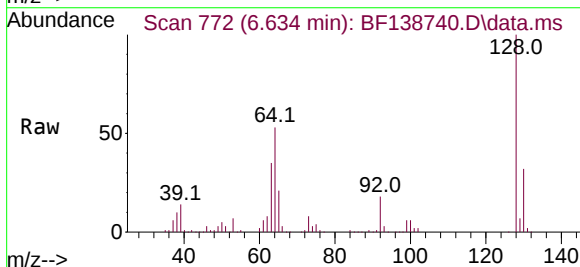
Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Tgt Ion: 128 Resp: 181116

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.0	52.0
64	53.3	36.3	76.3





#9

Benzaldehyde

Concen: 4.123 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

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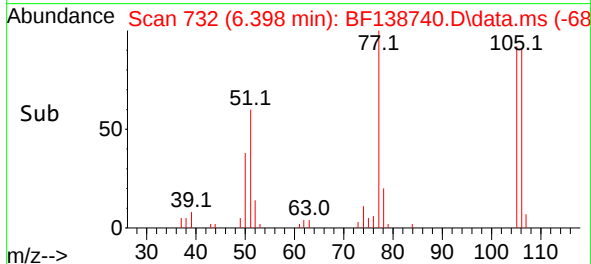
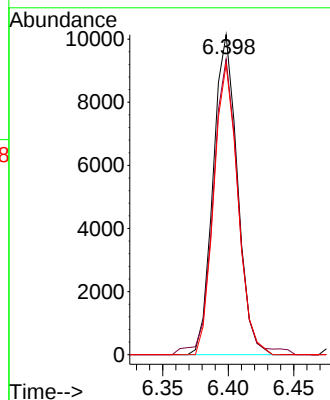
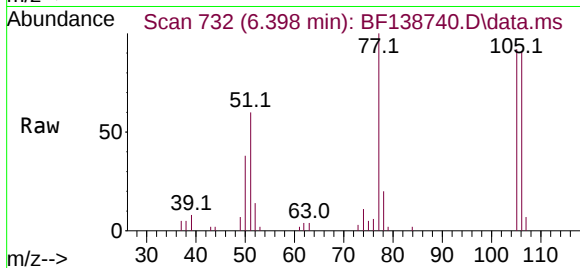
Tgt Ion: 77 Resp: 13046

Ion Ratio Lower Upper

77 100

105 92.4 72.9 112.9

106 90.7 68.4 108.4



#10

Phenol

Concen: 16.288 ng

RT: 6.498 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

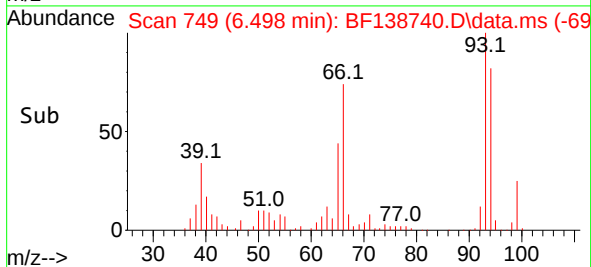
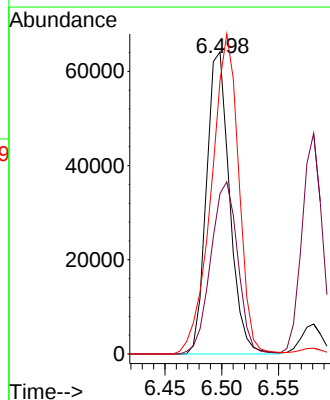
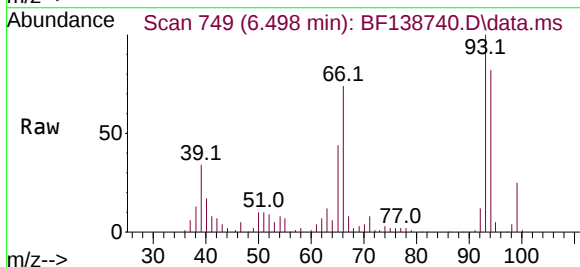
Tgt Ion: 94 Resp: 90531

Ion Ratio Lower Upper

94 100

65 53.1 16.9 56.9

66 90.5 36.5 76.5#

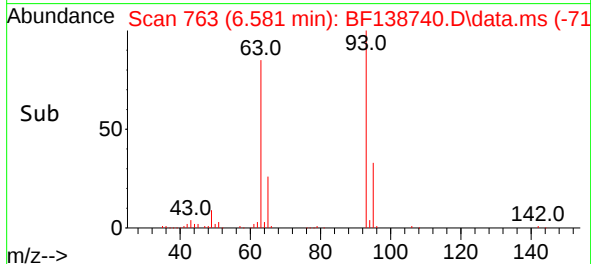
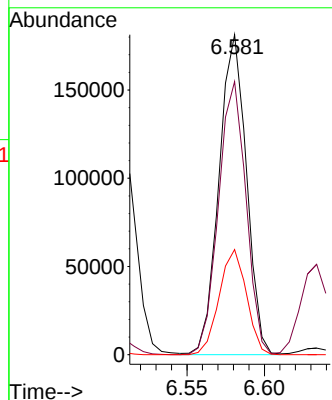
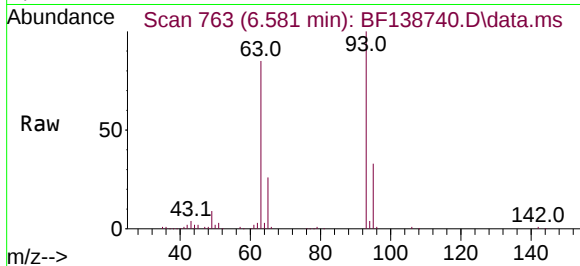




#11
bis(2-Chloroethyl)ether
Concen: 52.214 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

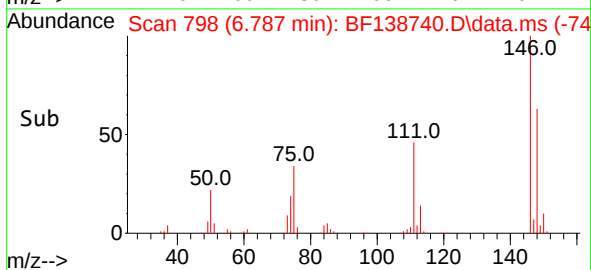
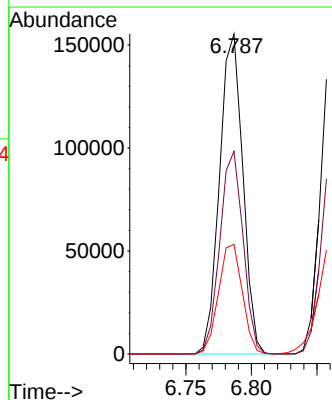
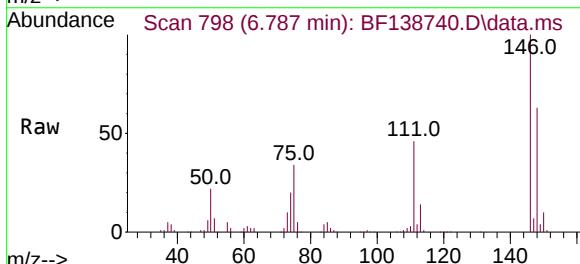
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion: 93 Resp: 223332
Ion Ratio Lower Upper
93 100
63 85.4 65.3 105.3
95 32.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 41.310 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:146 Resp: 191298
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 34.2 27.4 41.2

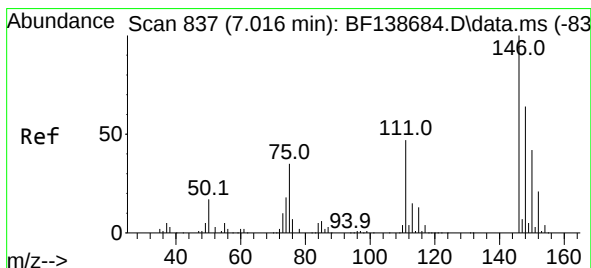
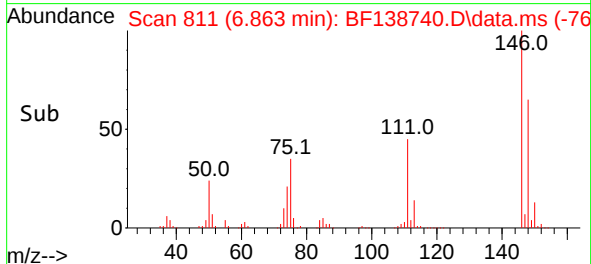
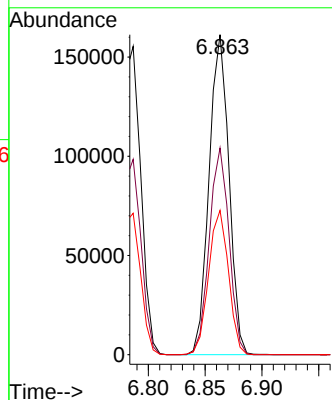
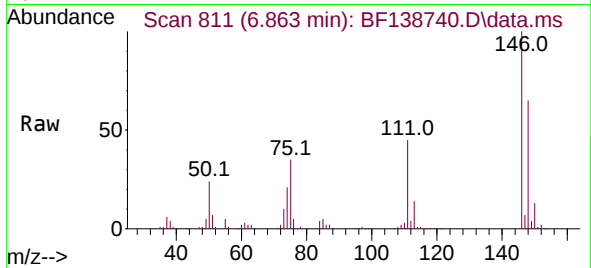




#13
1,4-Dichlorobenzene
Concen: 41.967 ng
RT: 6.863 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

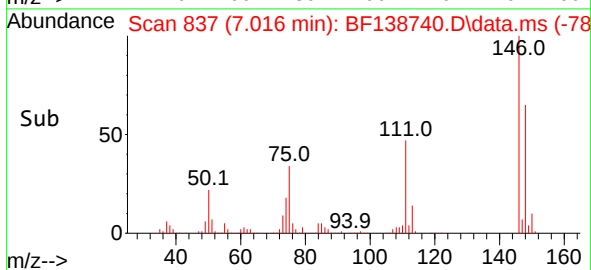
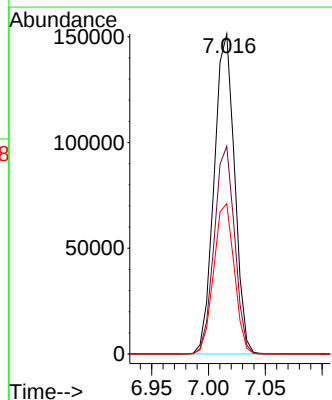
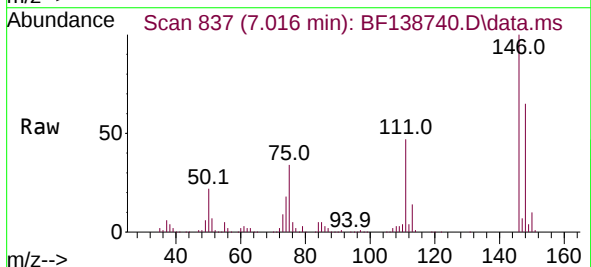
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:146 Resp: 196122
Ion Ratio Lower Upper
146 100
148 64.6 50.2 75.2
111 45.1 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 43.386 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:146 Resp: 189489
Ion Ratio Lower Upper
146 100
148 64.9 50.8 76.2
111 46.9 37.4 56.2

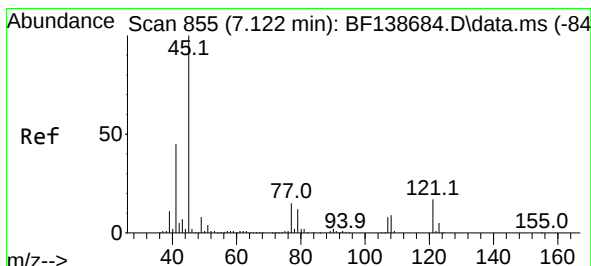
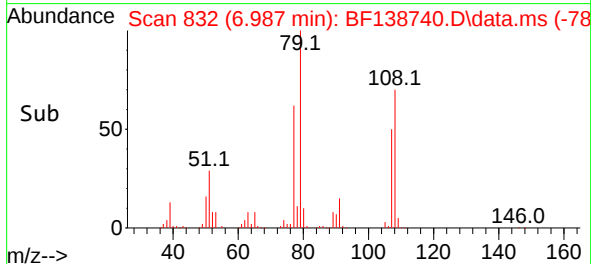
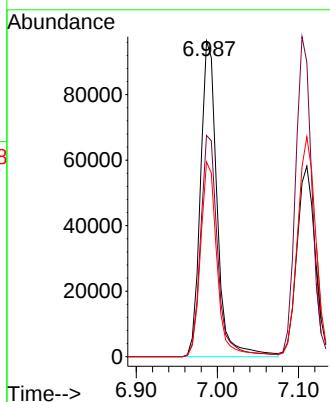
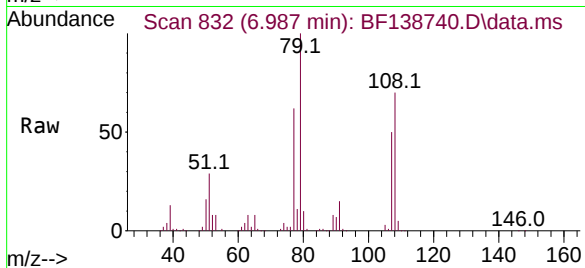




#15
Benzyl Alcohol
Concen: 36.055 ng
RT: 6.987 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

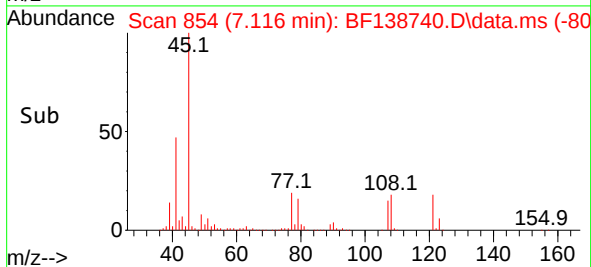
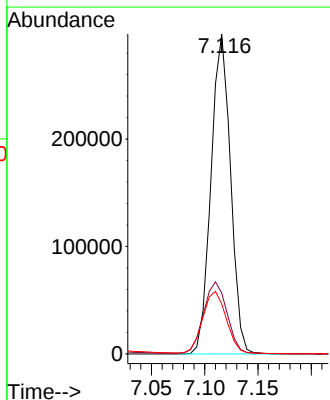
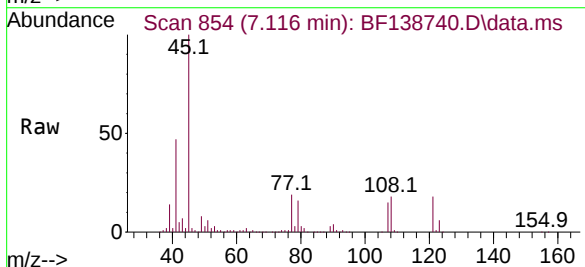
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion: 79 Resp: 137185
Ion Ratio Lower Upper
79 100
108 70.1 56.6 85.0
77 61.7 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.474 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion: 45 Resp: 378900
Ion Ratio Lower Upper
45 100
77 19.1 0.0 34.9
79 15.6 0.0 32.2

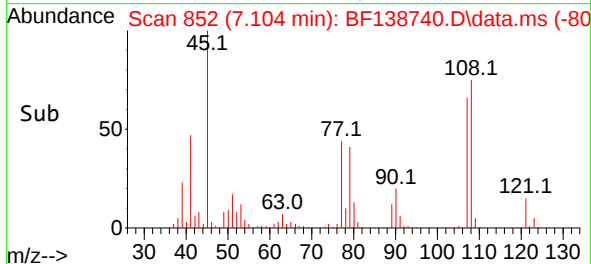
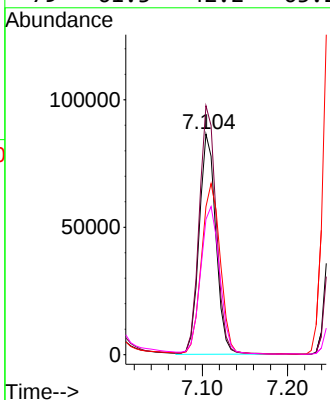
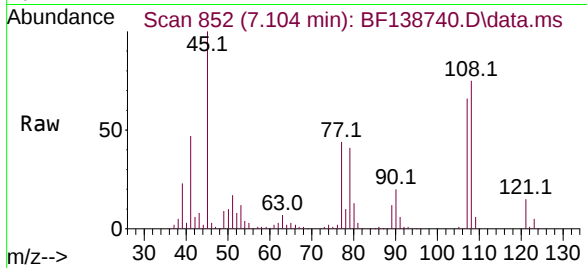




#17
2-Methylphenol
Concen: 34.516 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

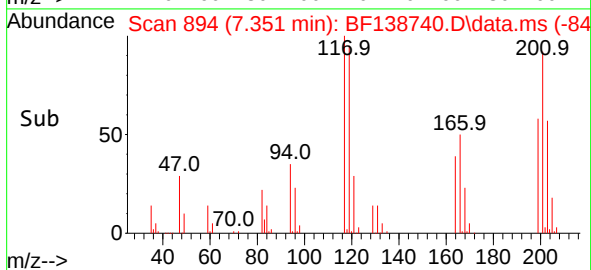
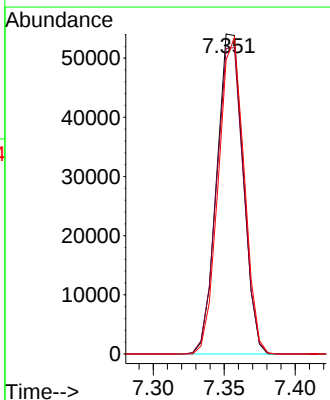
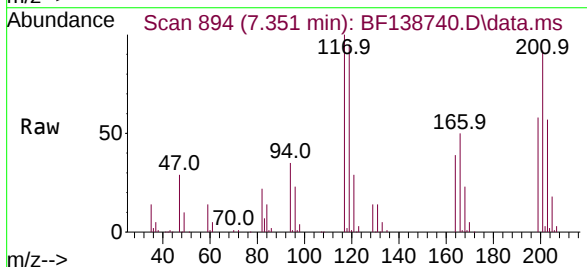
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:	107	Resp:	117906
Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.2	133.8
77	67.1	43.0	64.4#
79	61.3	42.2	63.2



#18
Hexachloroethane
Concen: 39.776 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:	117	Resp:	69970
Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.6	111.8
201	91.9	77.2	115.8



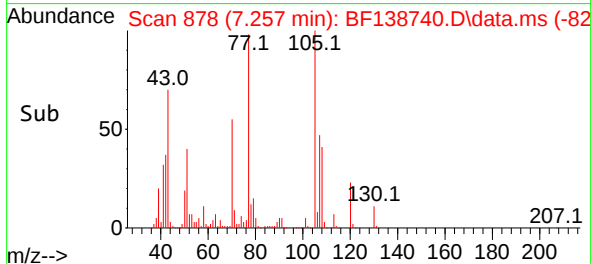
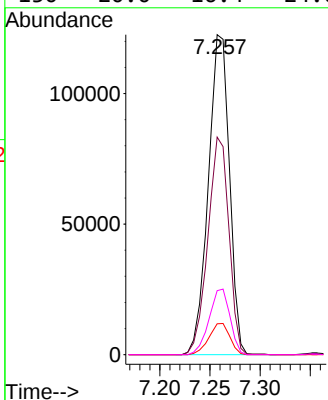
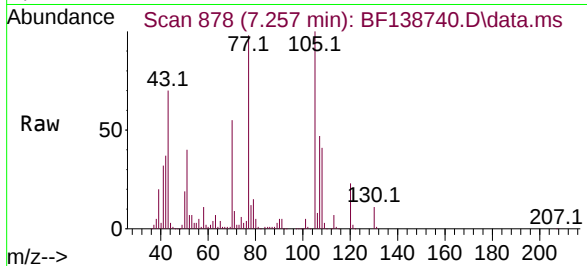


#19
n-Nitroso-di-n-propylamine
Concen: 56.227 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion: 70 Resp: 179279

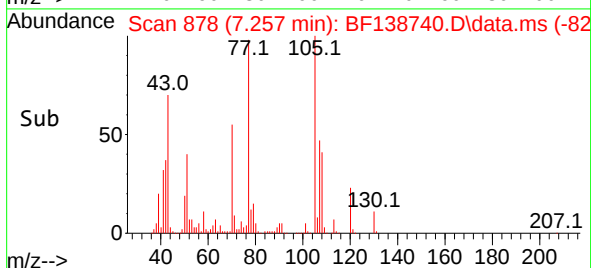
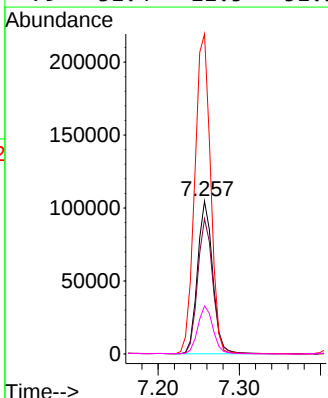
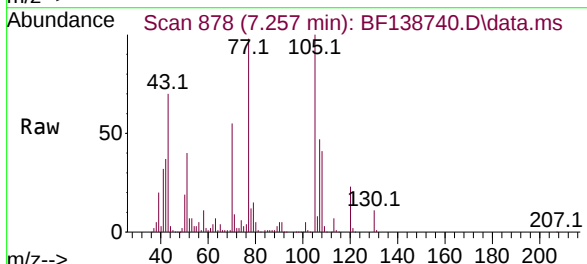
Ion	Ratio	Lower	Upper
70	100		
42	68.0	57.4	86.0
101	9.6	7.5	11.3
130	20.0	16.4	24.6

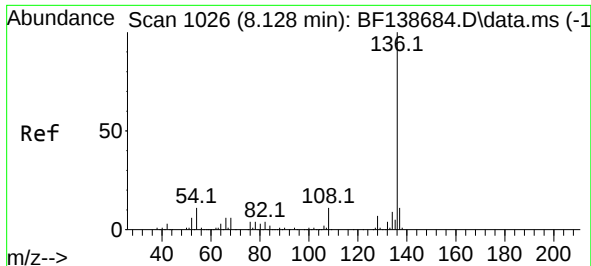


#20
3+4-Methylphenols
Concen: 30.801 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion: 107 Resp: 134998

Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	209.5	132.1	172.1#
79	31.4	11.5	51.5

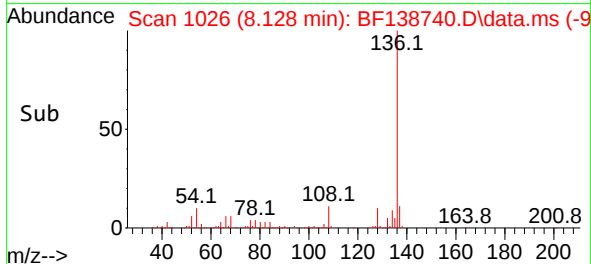
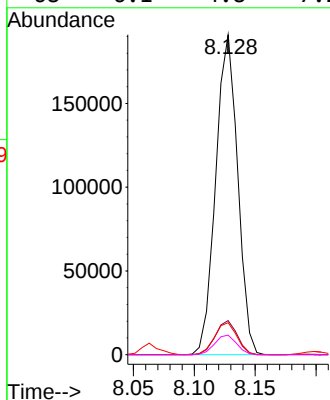
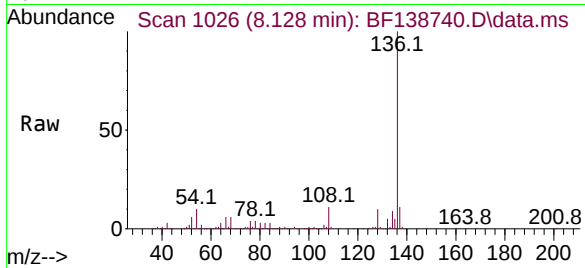




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

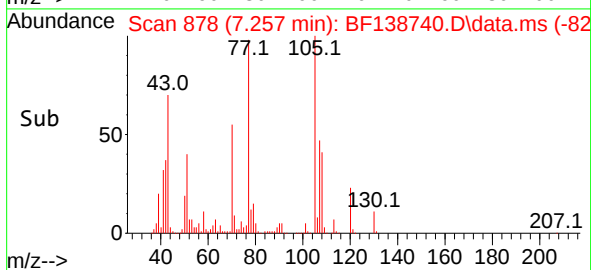
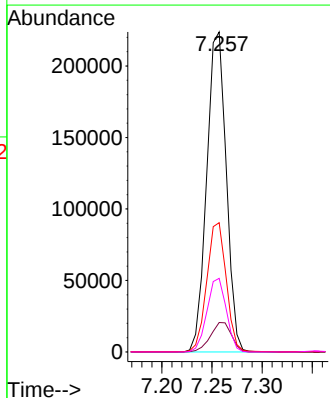
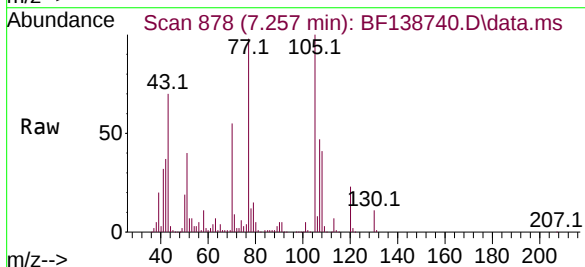
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:	136	Resp:	239589
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.0	8.6	12.8
68	6.1	4.8	7.2



#22
Acetophenone
Concen: 51.742 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:	105	Resp:	303538
Ion	Ratio	Lower	Upper
105	100		
71	9.2	7.2	10.8
51	40.4	35.9	53.9
120	23.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 97.897 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

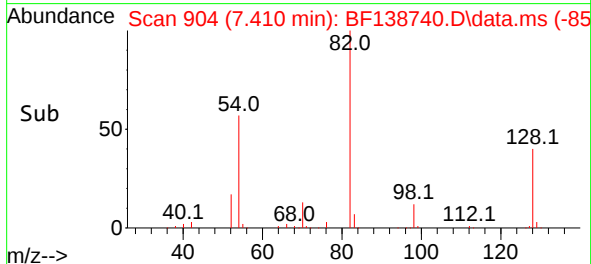
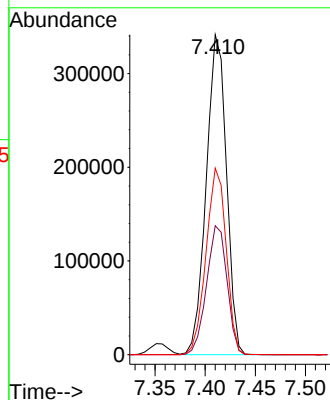
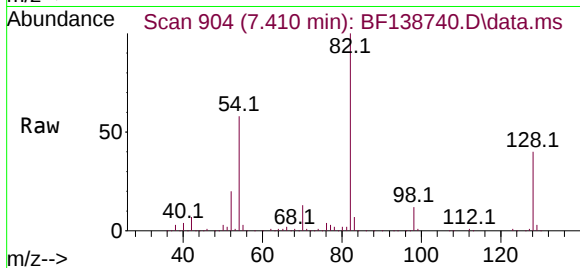
Tgt Ion: 82 Resp: 479738

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 58.3 48.3 72.5



#24

Nitrobenzene

Concen: 51.343 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

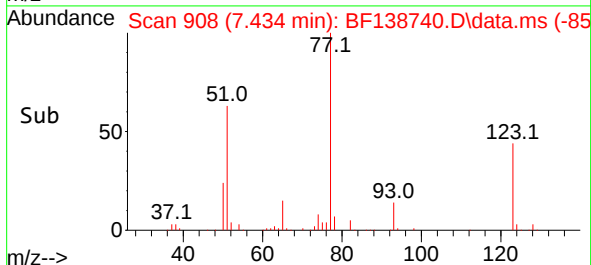
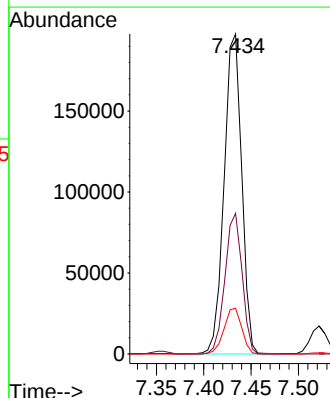
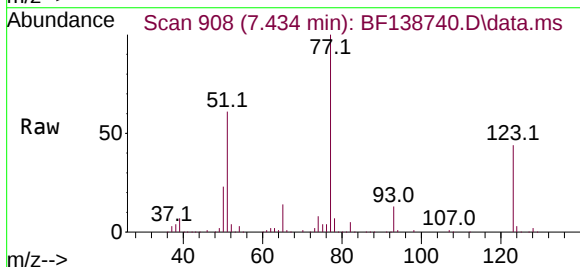
Tgt Ion: 77 Resp: 256022

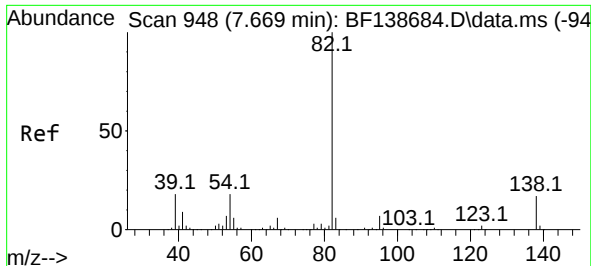
Ion Ratio Lower Upper

77 100

123 44.0 33.3 49.9

65 14.3 11.9 17.9

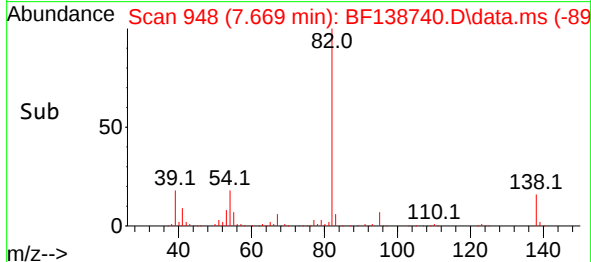
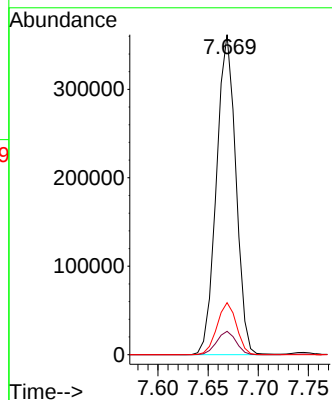
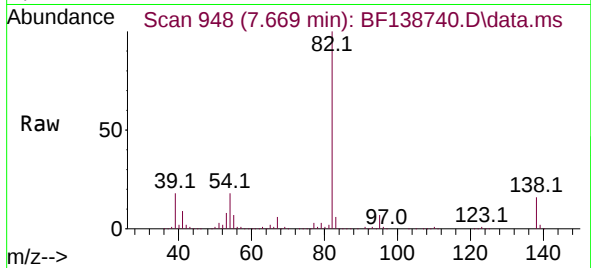




#25
Isophorone
Concen: 58.233 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

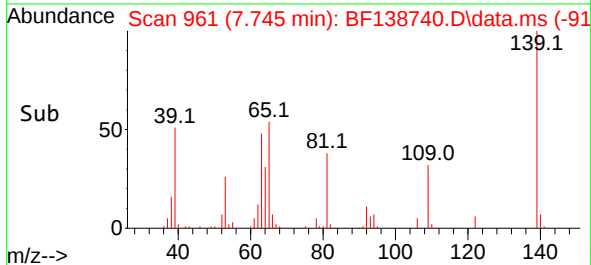
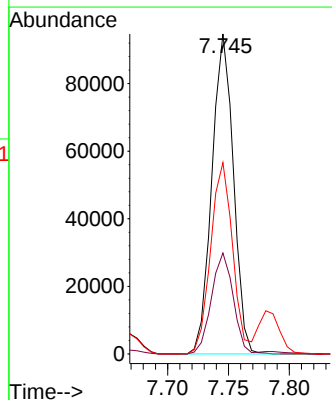
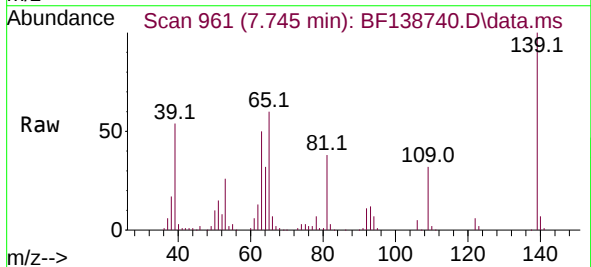
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

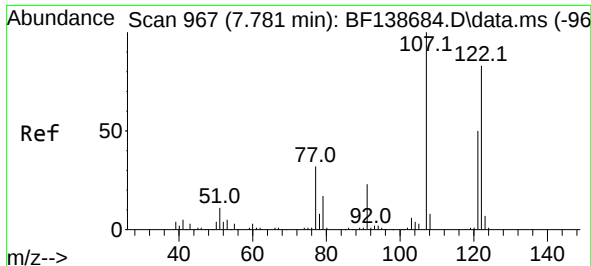
Tgt Ion: 82 Resp: 487278
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.2 13.7 20.5



#26
2-Nitrophenol
Concen: 54.304 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion: 139 Resp: 116503
Ion Ratio Lower Upper
139 100
109 31.6 25.9 38.9
65 59.8 47.0 70.6

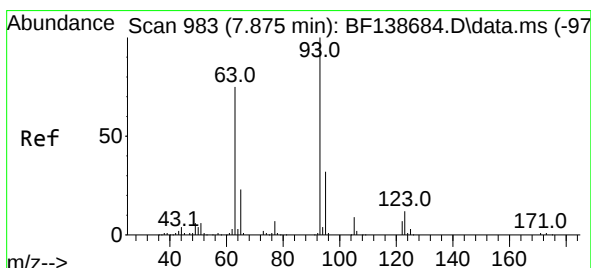
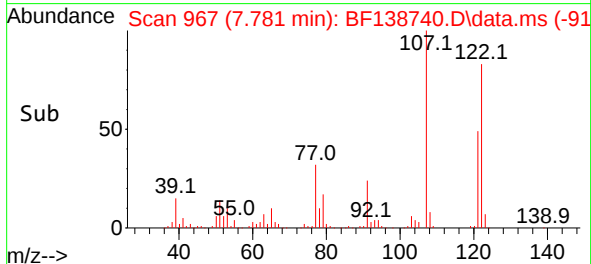
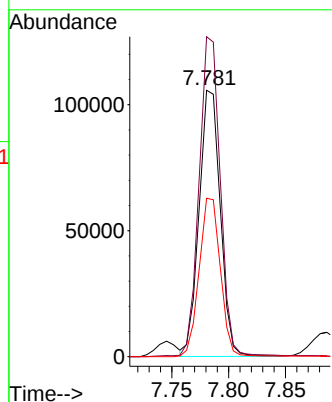
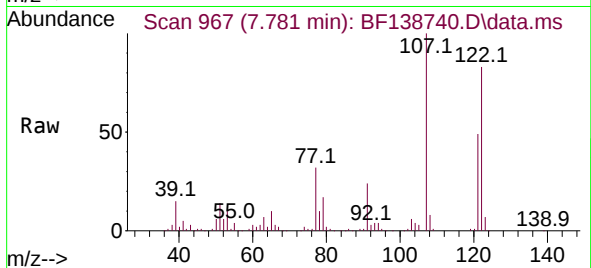




#27
2,4-Dimethylphenol
Concen: 53.574 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

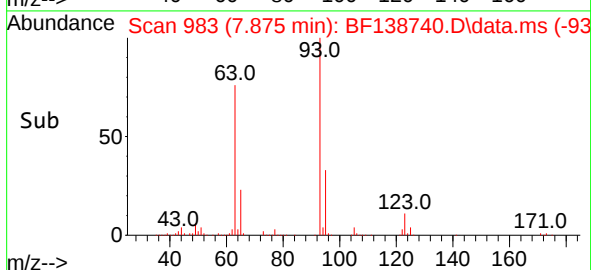
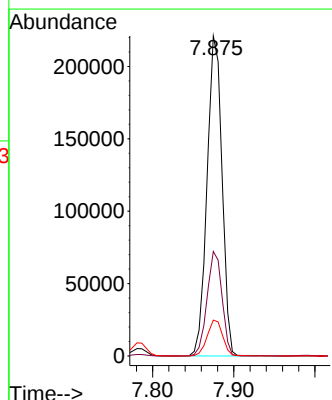
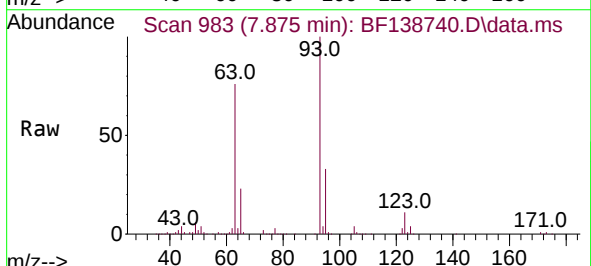
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:122 Resp: 137518
Ion Ratio Lower Upper
122 100
107 120.1 95.0 142.6
121 59.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 55.614 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion: 93 Resp: 283392
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 11.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.571 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

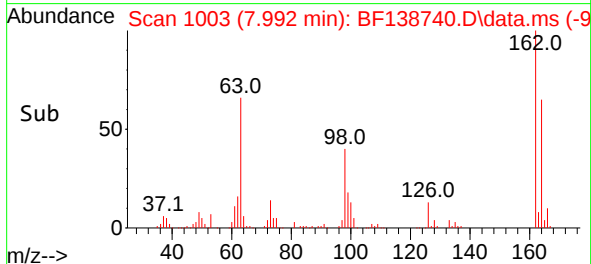
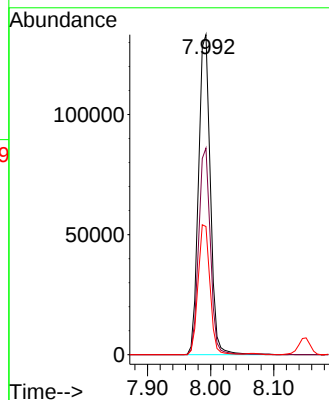
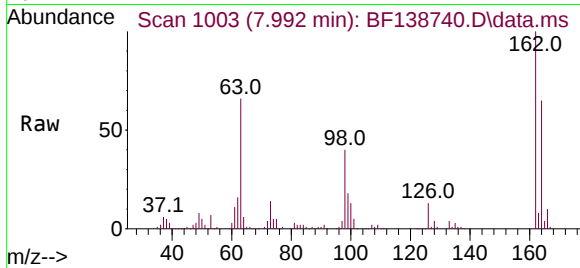
Tgt Ion:162 Resp: 173399

Ion Ratio Lower Upper

162 100

164 64.6 44.7 84.7

98 40.1 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 46.502 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

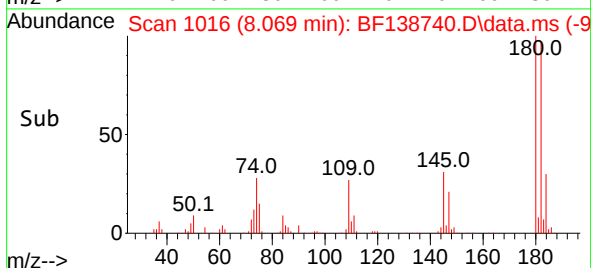
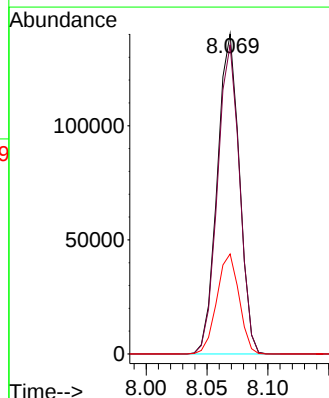
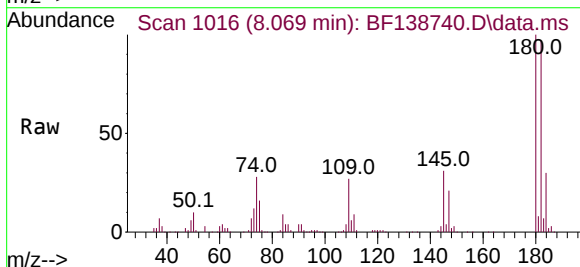
Tgt Ion:180 Resp: 177007

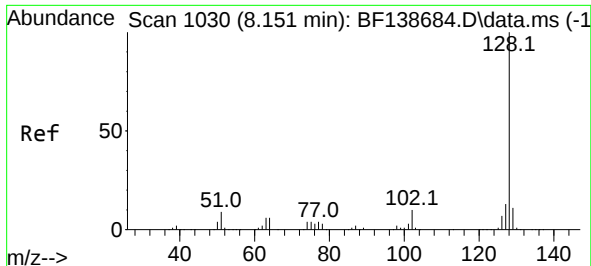
Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

145 31.3 25.0 37.4

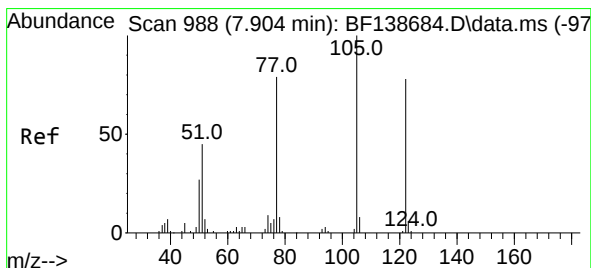
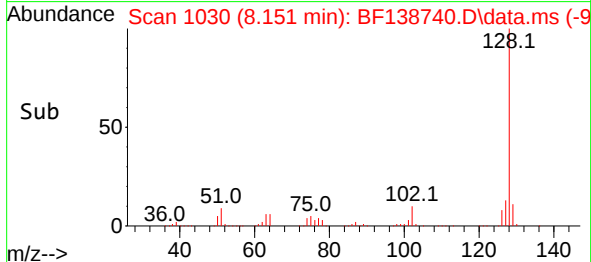
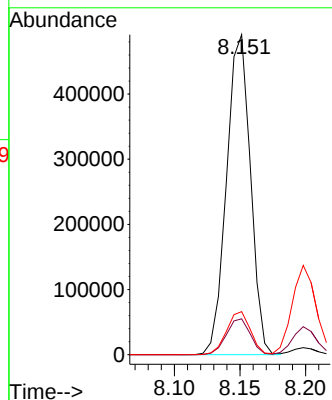
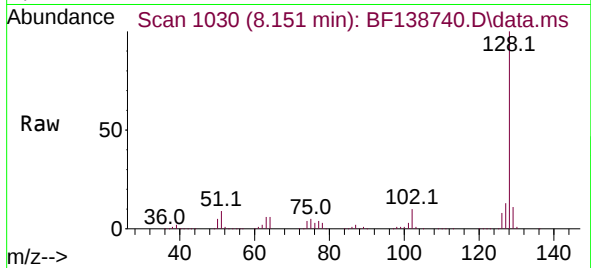




#31
Naphthalene
Concen: 49.360 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

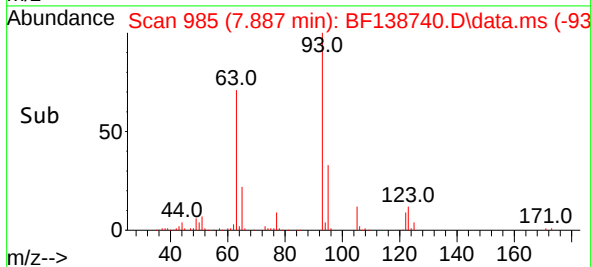
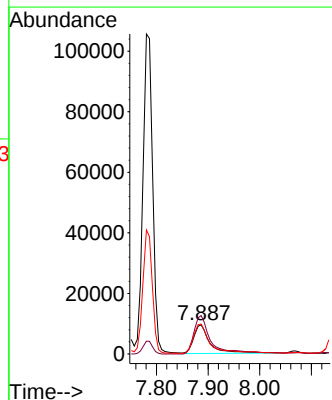
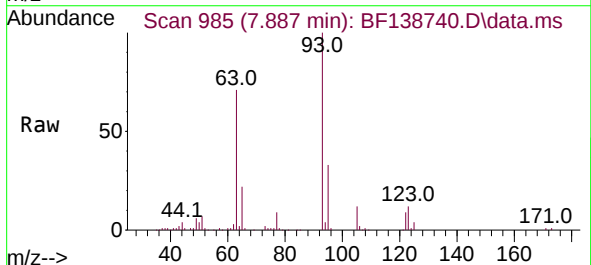
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

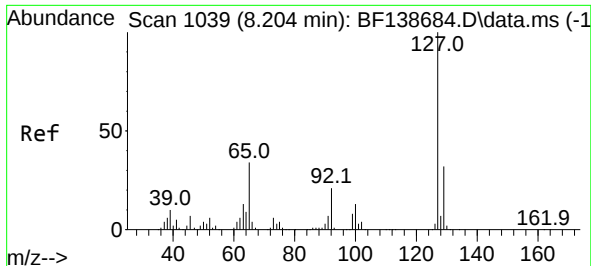
Tgt Ion:128 Resp: 622496
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 10.265 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.017 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:122 Resp: 20713
Ion Ratio Lower Upper
122 100
105 131.5 106.7 146.7
77 102.4 81.1 121.1

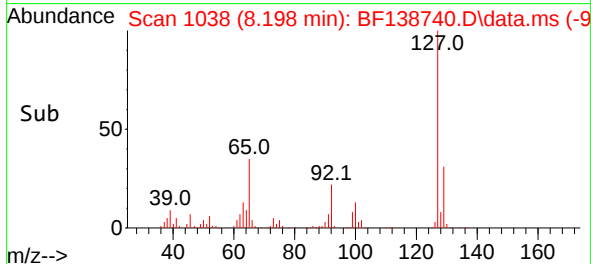
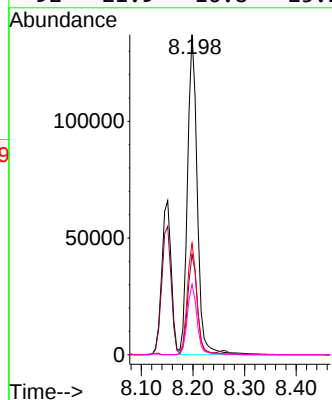
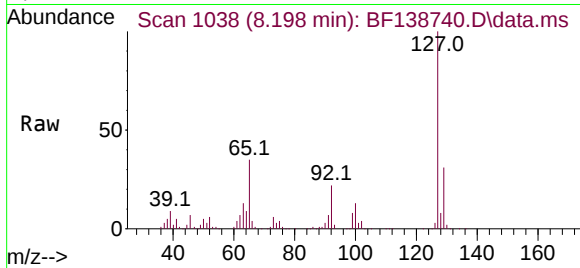




#33
4-Chloroaniline
Concen: 42.540 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

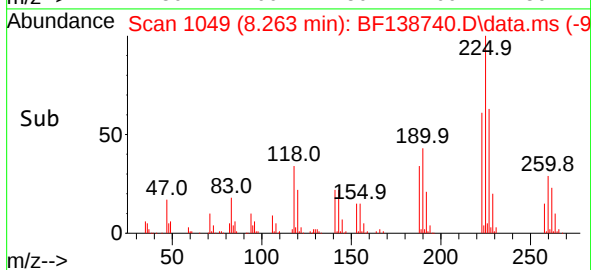
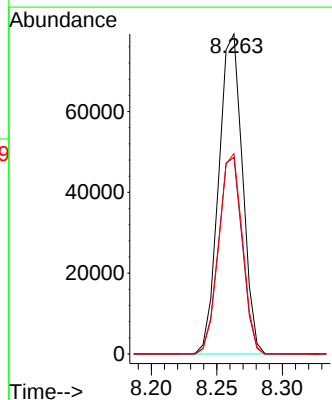
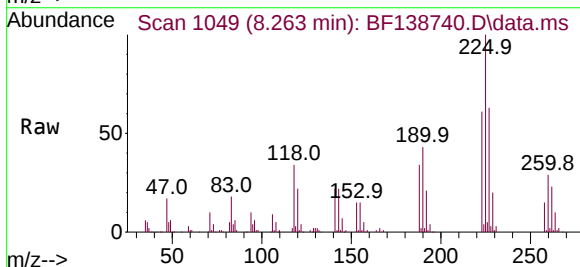
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:	127	Resp:	180086
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.9	38.9
65	34.7	27.6	41.4
92	21.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 43.154 ng
RT: 8.263 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:	225	Resp:	99494
Ion Ratio	Lower	Upper	
225	100		
223	61.4	51.2	76.8
227	62.6	51.1	76.7

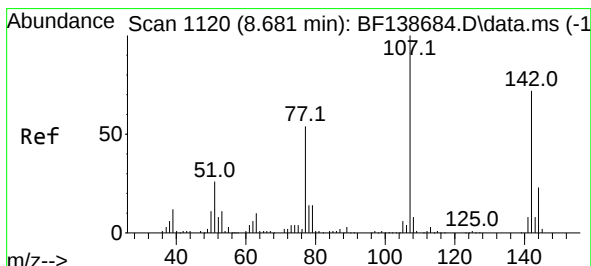
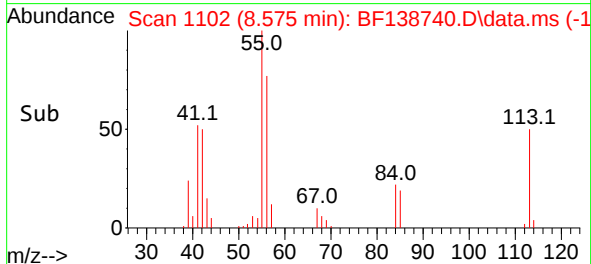
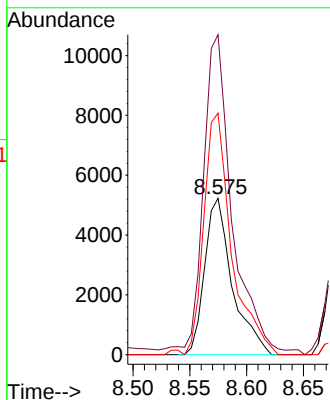
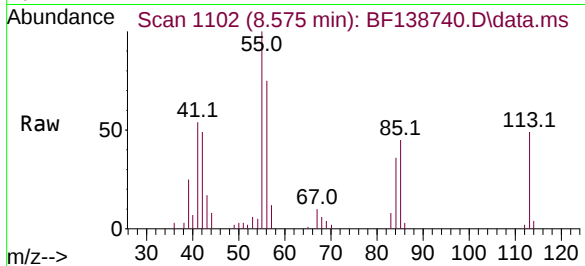




#35
Caprolactam
Concen: 8.984 ng
RT: 8.575 min Scan# 1101
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

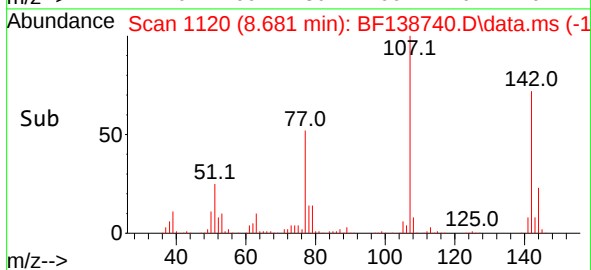
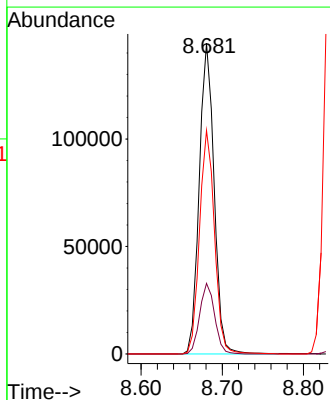
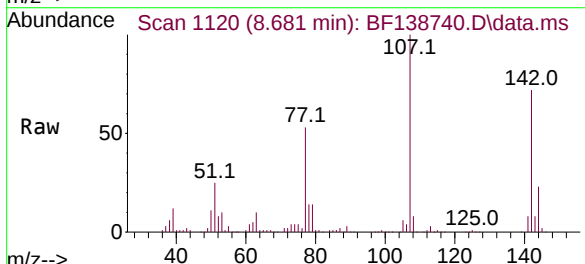
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

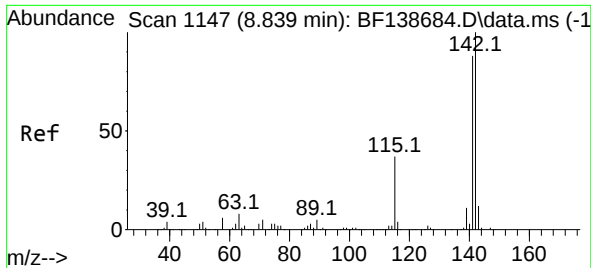
Tgt Ion:113 Resp: 8842
Ion Ratio Lower Upper
113 100
55 204.7 186.7 226.7
56 154.5 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.778 ng
RT: 8.681 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:107 Resp: 183871
Ion Ratio Lower Upper
107 100
144 22.7 18.2 27.2
142 71.9 57.4 86.2





#37

2-Methylnaphthalene

Concen: 52.969 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

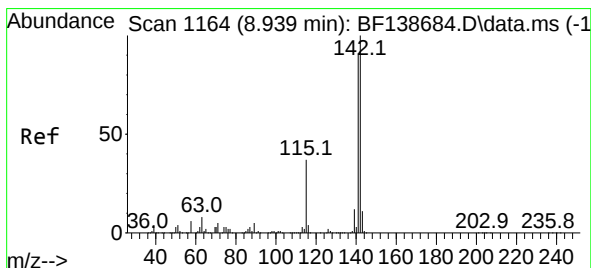
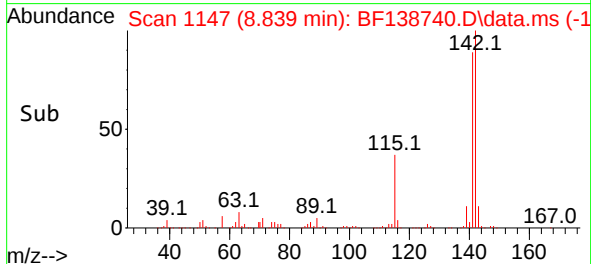
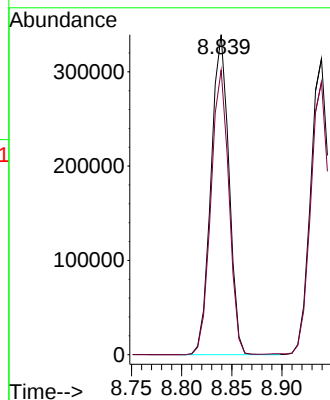
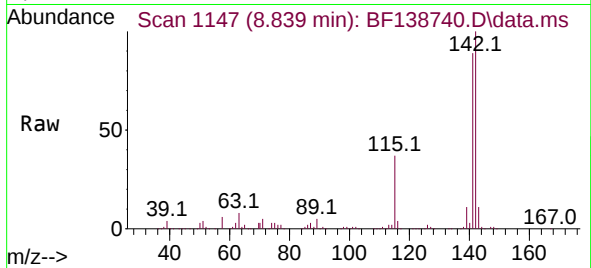
P001-CF05-01MSD

Tgt Ion:142 Resp: 421882

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 50.412 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF138740.D

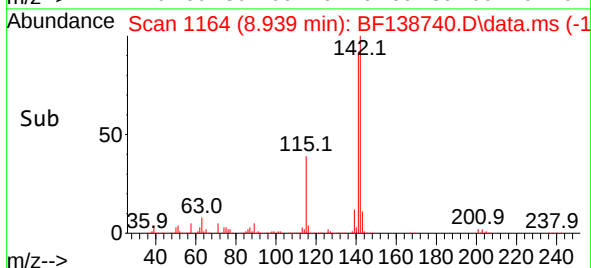
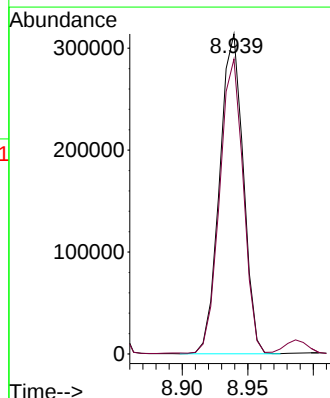
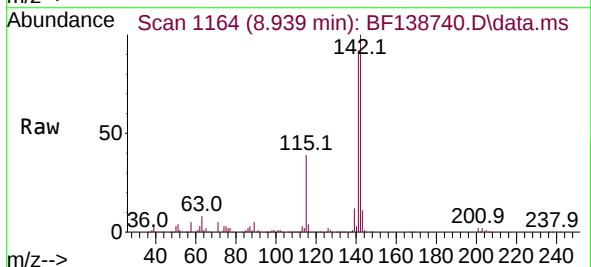
Acq: 02 Aug 2024 11:25

Tgt Ion:142 Resp: 393445

Ion Ratio Lower Upper

142 100

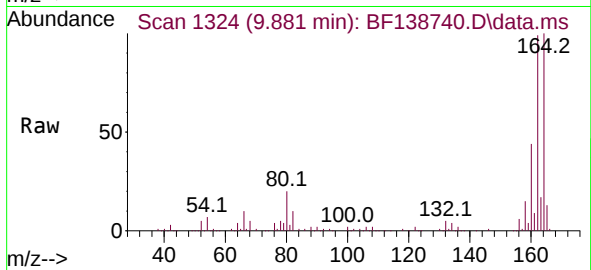
141 92.2 73.1 109.7



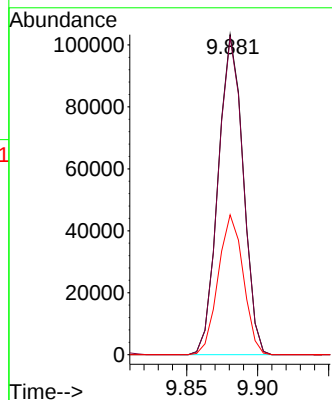
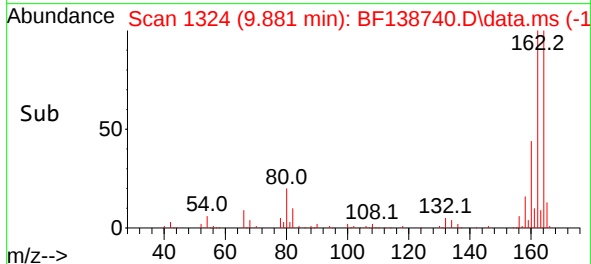


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

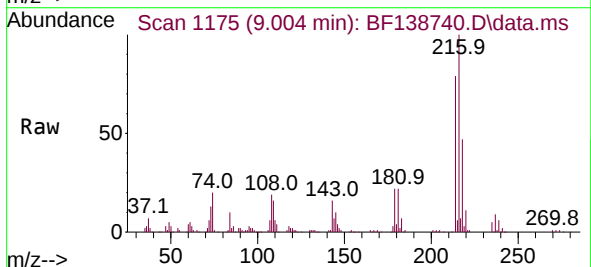
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD



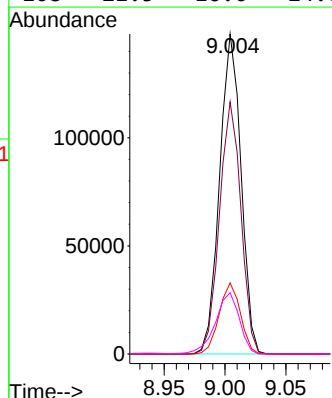
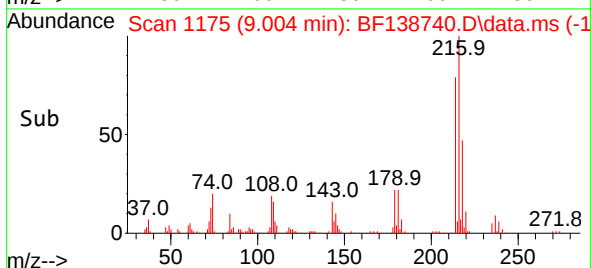
Tgt Ion:164 Resp: 126304
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.0
160 43.7 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.630 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25



Tgt Ion:216 Resp: 181146
Ion Ratio Lower Upper
216 100
214 78.8 63.9 95.9
179 22.1 17.8 26.6
108 21.5 16.0 24.0

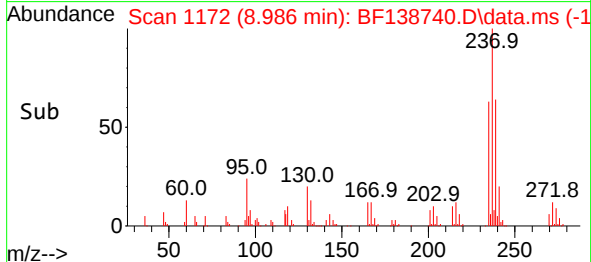
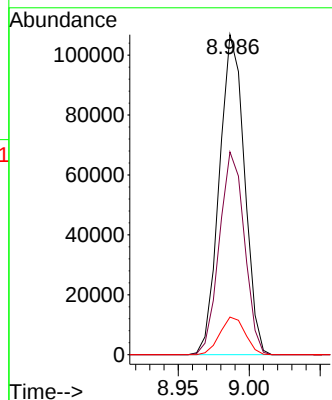
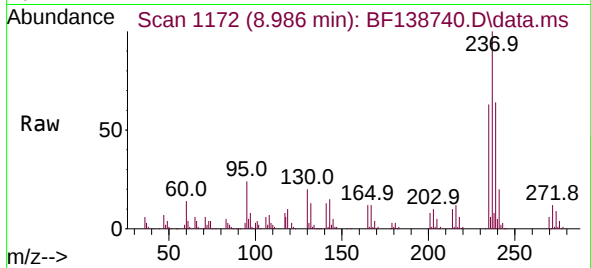




#41
Hexachlorocyclopentadiene
Concen: 136.015 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

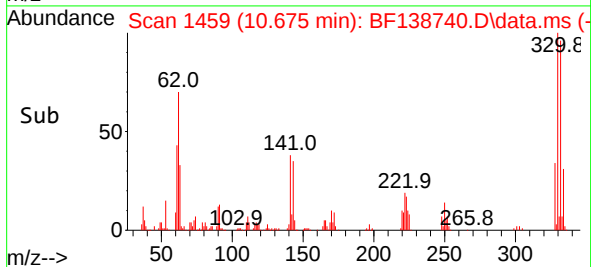
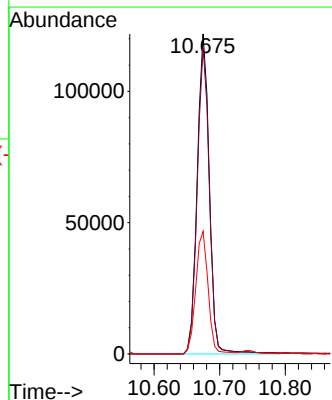
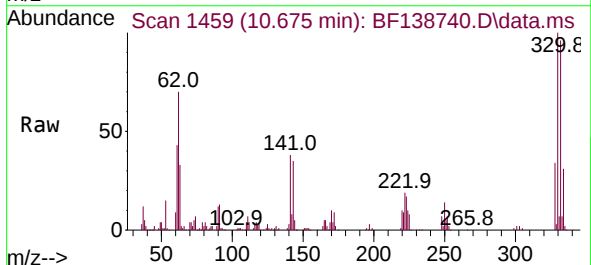
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:	237	Resp:	131274
Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.8	81.8
272	11.8	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 152.507 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:	330	Resp:	157784
Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.4	114.6
141	38.7	31.1	46.7





#43

2,4,6-Trichlorophenol

Concen: 57.510 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

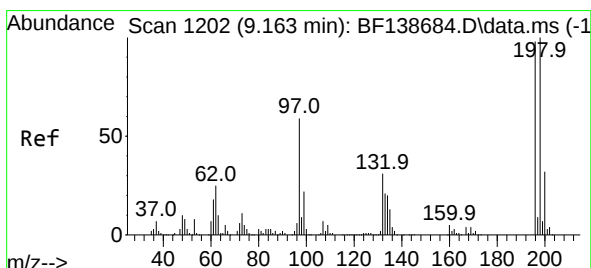
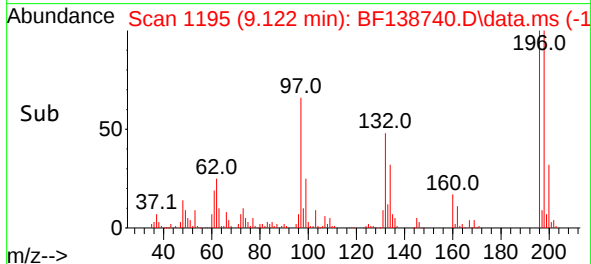
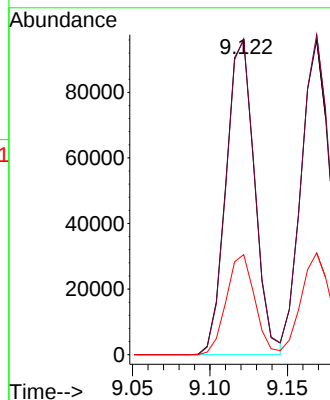
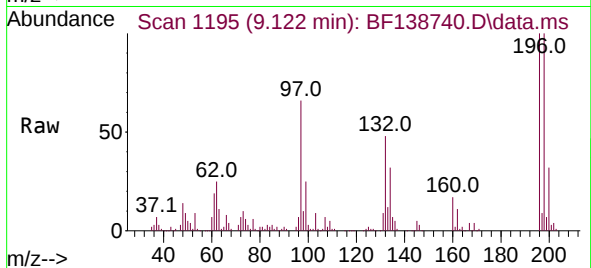
Tgt Ion:196 Resp: 123027

Ion Ratio Lower Upper

196 100

198 100.3 80.5 120.7

200 31.8 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 54.458 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Tgt Ion:196 Resp: 127357

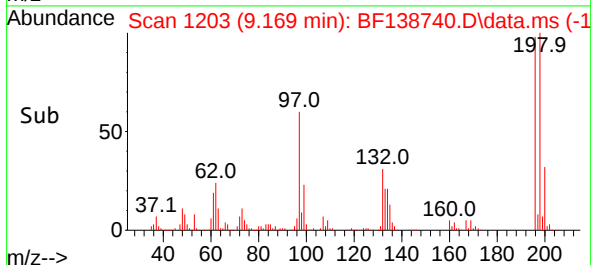
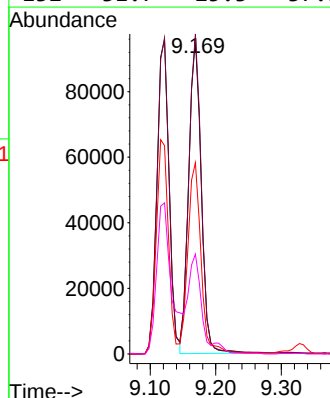
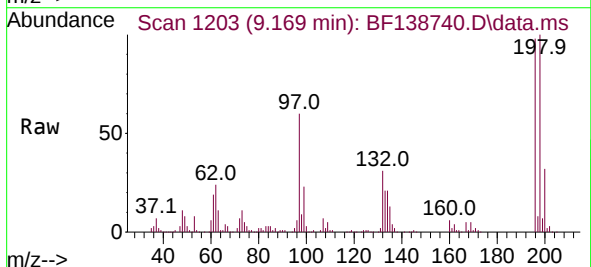
Ion Ratio Lower Upper

196 100

198 101.7 81.2 121.8

97 60.8 47.8 71.6

132 31.7 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 99.859 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

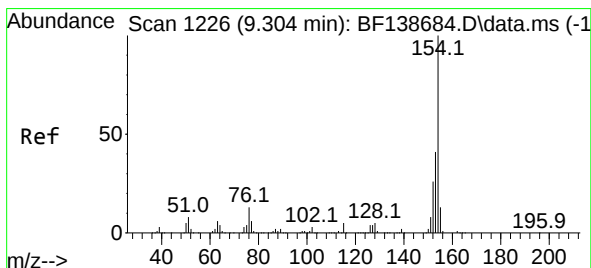
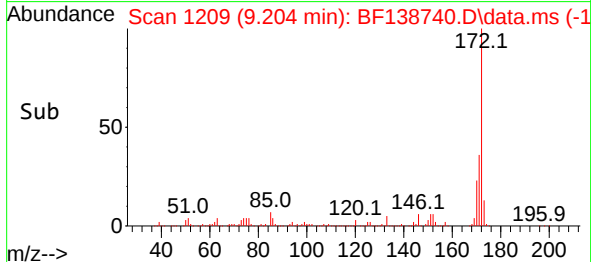
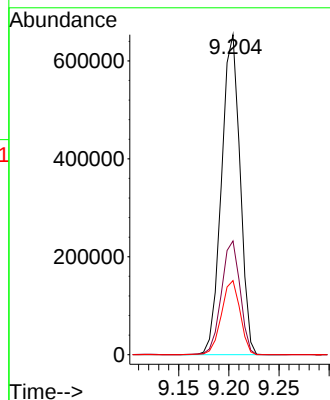
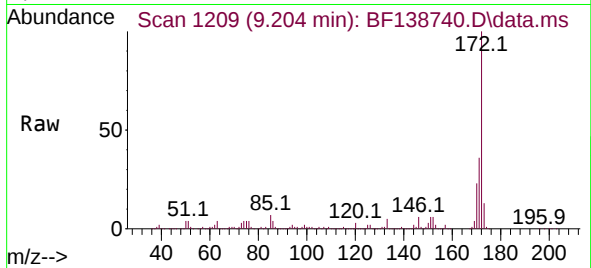
Tgt Ion:172 Resp: 839444

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 52.147 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

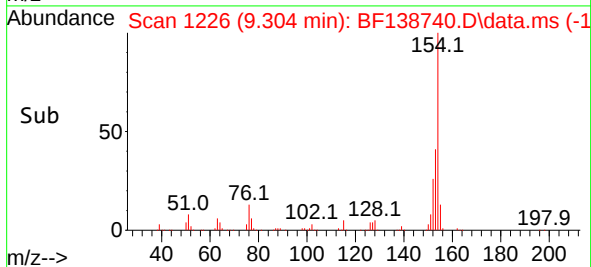
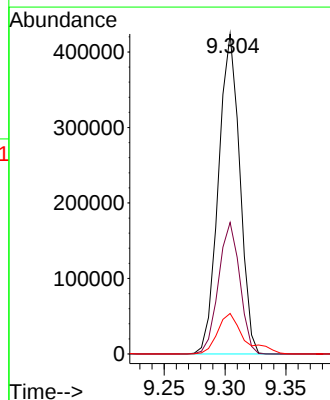
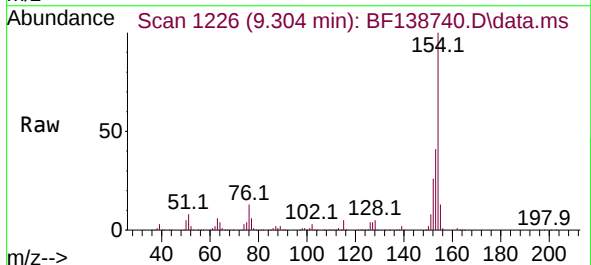
Tgt Ion:154 Resp: 515834

Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

76 12.7 0.0 32.8





#47

2-Chloronaphthalene

Concen: 54.613 ng

RT: 9.328 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

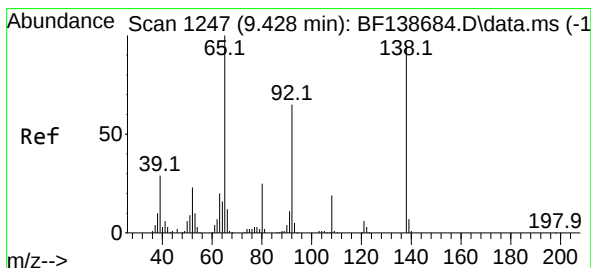
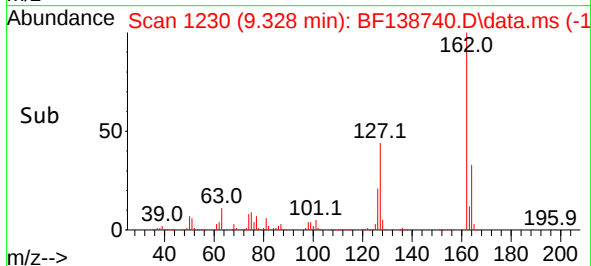
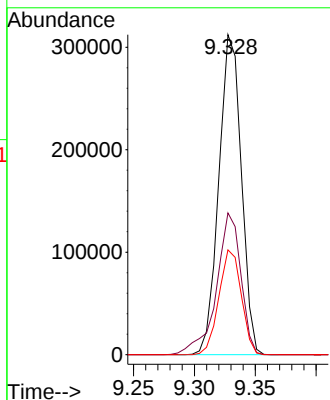
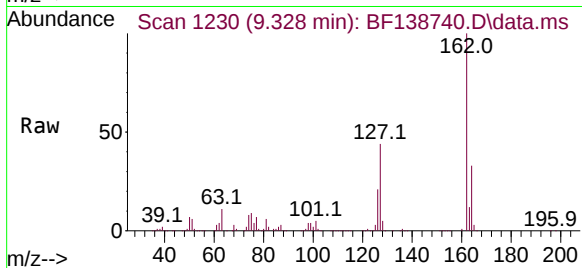
Tgt Ion:162 Resp: 401785

Ion Ratio Lower Upper

162 100

127 44.3 35.4 53.2

164 32.7 25.6 38.4



#48

2-Nitroaniline

Concen: 59.992 ng

RT: 9.428 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

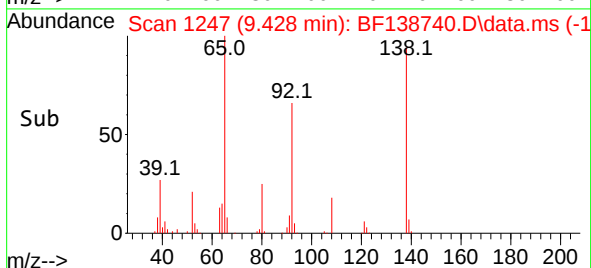
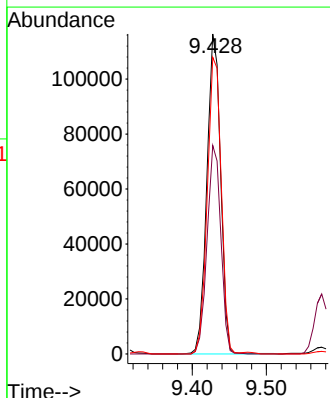
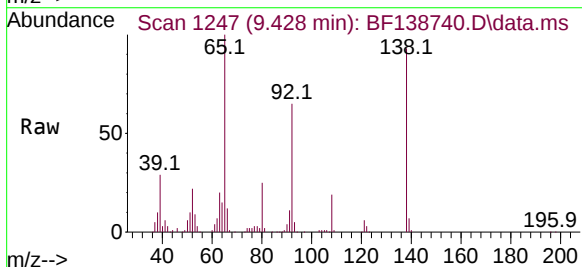
Tgt Ion: 65 Resp: 149625

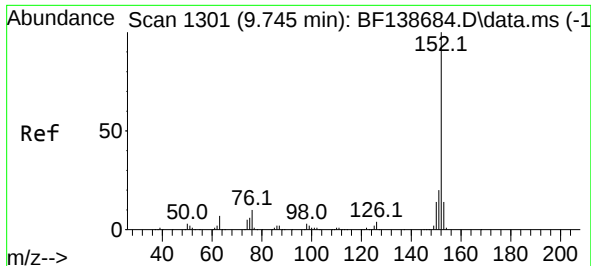
Ion Ratio Lower Upper

65 100

92 65.1 52.0 78.0

138 92.7 76.2 114.4





#49

Acenaphthylene

Concen: 61.401 ng

RT: 9.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

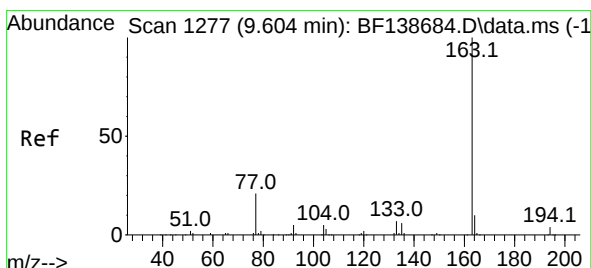
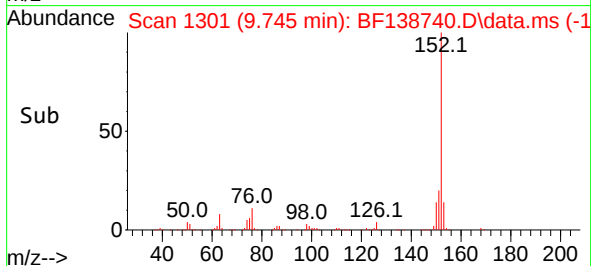
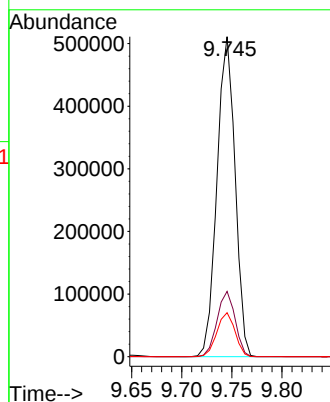
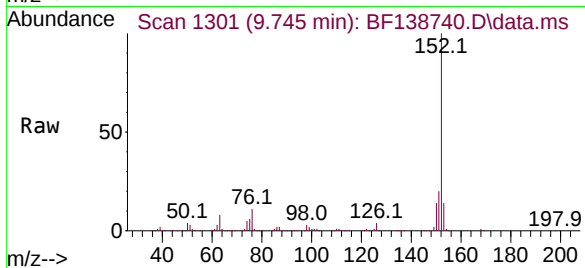
Tgt Ion:152 Resp: 640681

Ion Ratio Lower Upper

152 100

151 20.4 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 66.367 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

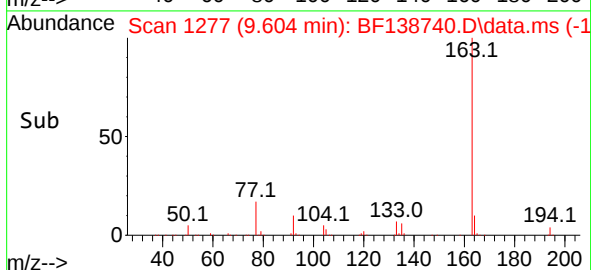
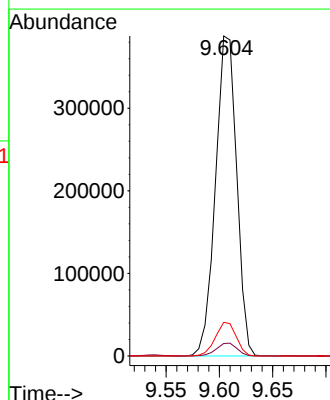
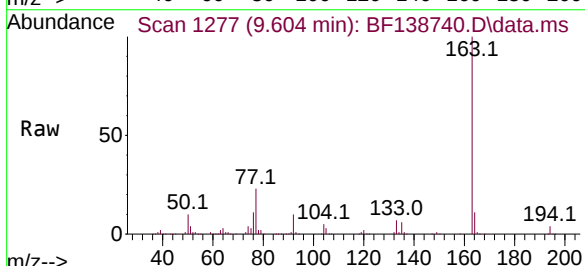
Tgt Ion:163 Resp: 535985

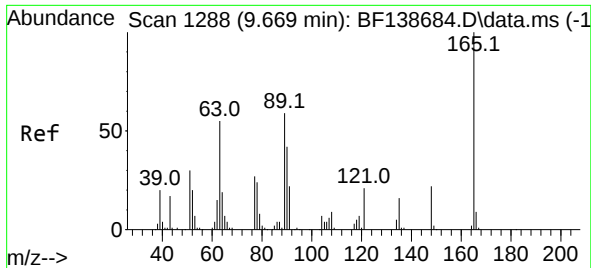
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 7.8 11.8

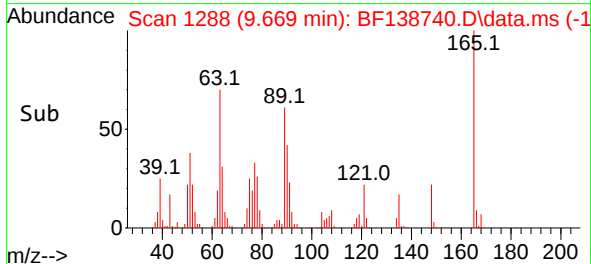
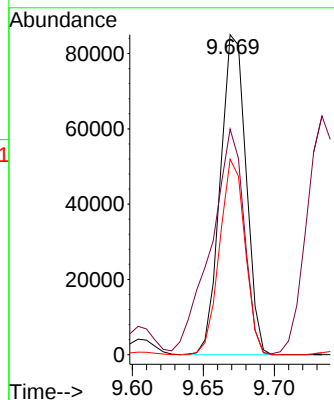
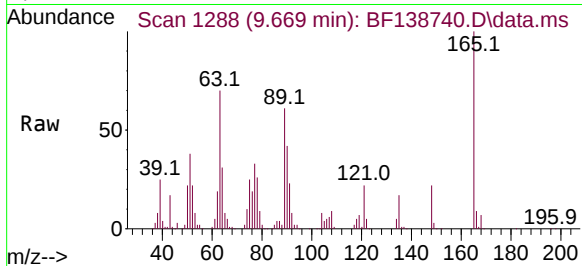




#51
2,6-Dinitrotoluene
Concen: 58.796 ng
RT: 9.669 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

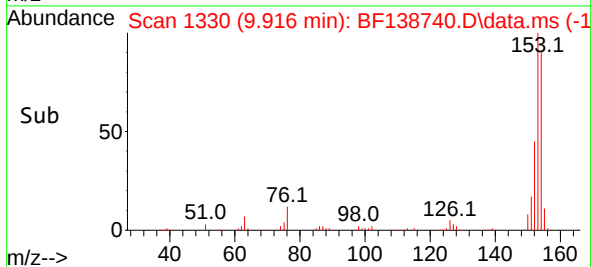
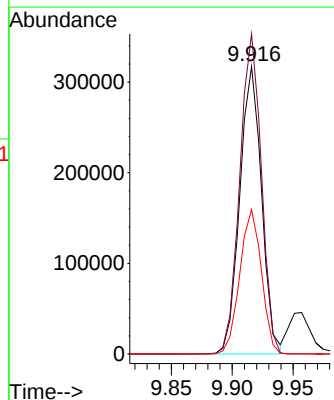
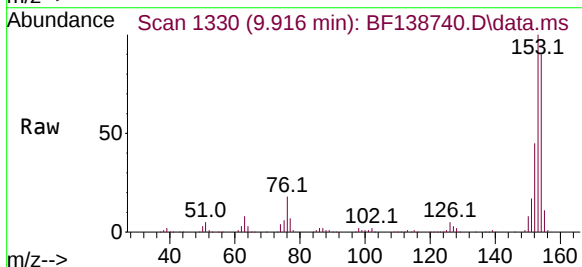
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

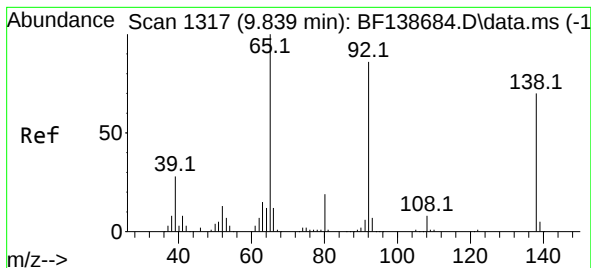
Tgt Ion:165 Resp: 107162
Ion Ratio Lower Upper
165 100
63 70.5 52.0 78.0
89 61.1 47.0 70.6



#52
Acenaphthene
Concen: 56.219 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:154 Resp: 394325
Ion Ratio Lower Upper
154 100
153 111.3 89.9 134.9
152 50.2 40.6 60.8





#53

3-Nitroaniline

Concen: 43.150 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

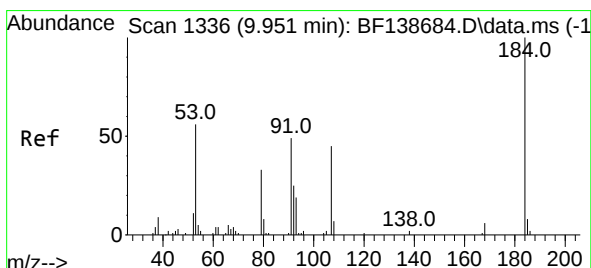
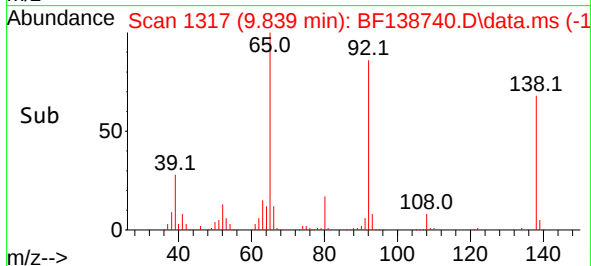
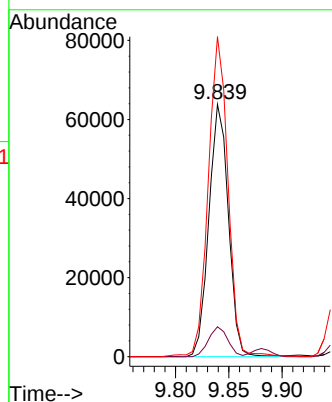
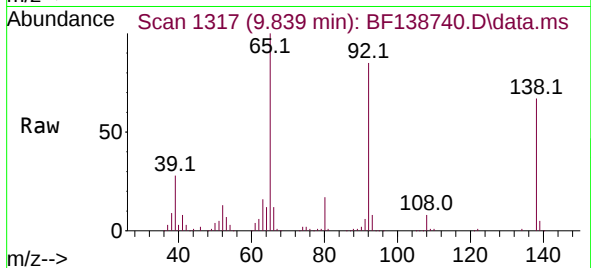
Tgt Ion:138 Resp: 81301

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

92 126.8 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 113.314 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

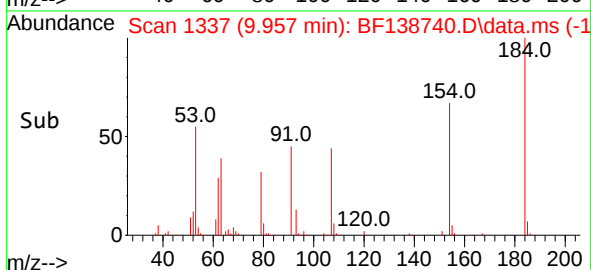
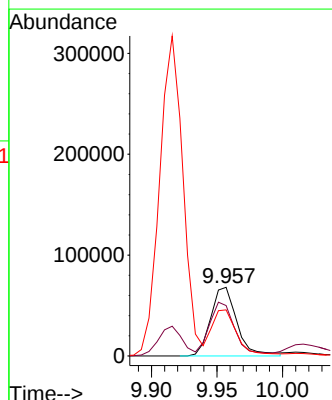
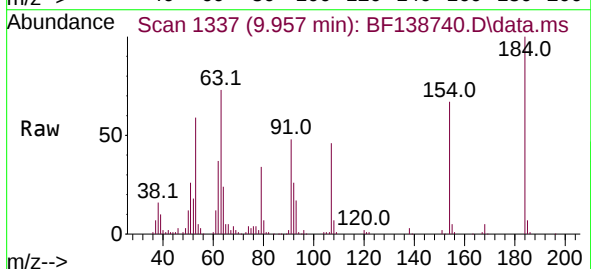
Tgt Ion:184 Resp: 95071

Ion Ratio Lower Upper

184 100

63 73.4 57.5 86.3

154 67.2 51.7 77.5





#55

Dibenzofuran

Concen: 58.059 ng

RT: 10.086 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

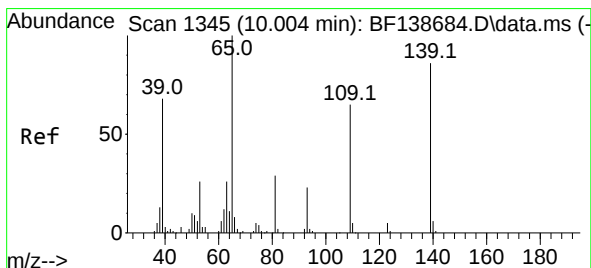
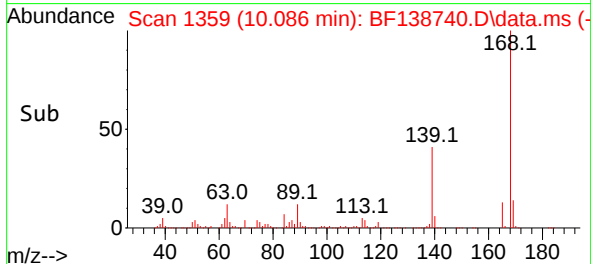
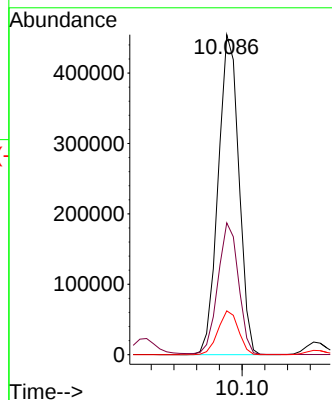
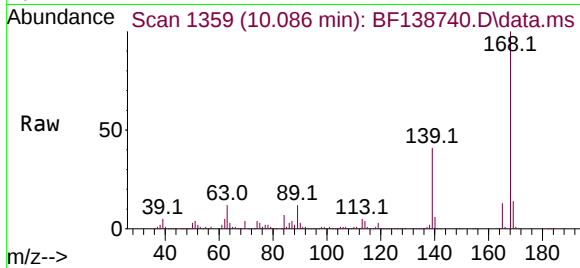
Tgt Ion:168 Resp: 574853

Ion Ratio Lower Upper

168 100

139 41.2 32.6 49.0

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 30.887 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.012 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

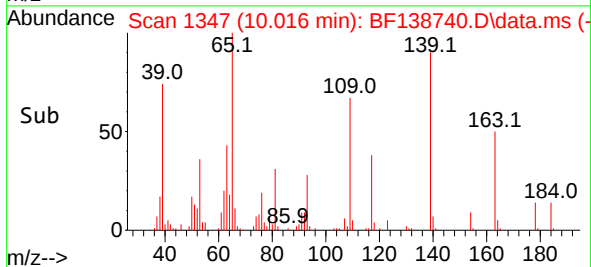
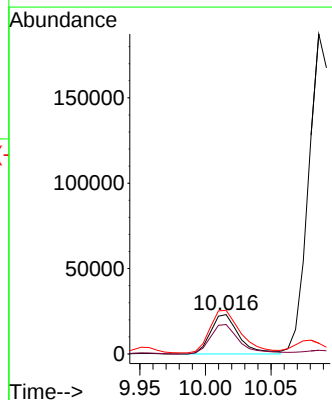
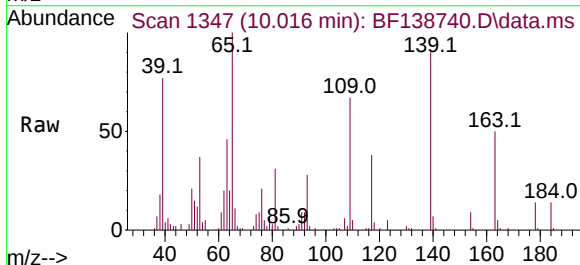
Tgt Ion:139 Resp: 34997

Ion Ratio Lower Upper

139 100

109 74.9 55.5 95.5

65 111.0 96.7 136.7

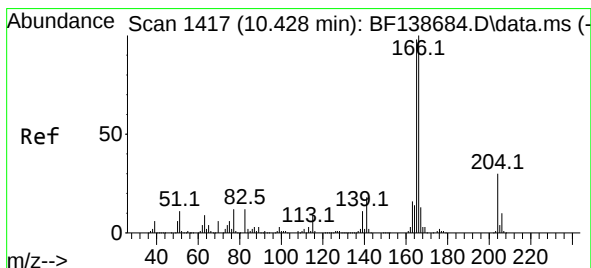
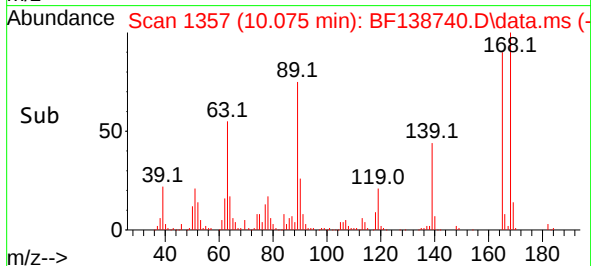
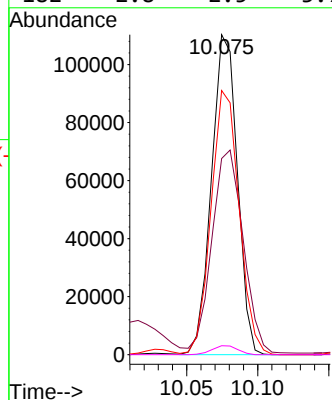
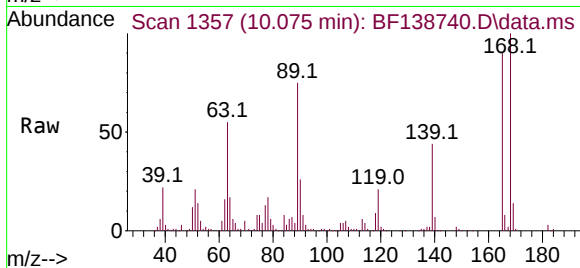




#57
2,4-Dinitrotoluene
Concen: 60.033 ng
RT: 10.075 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

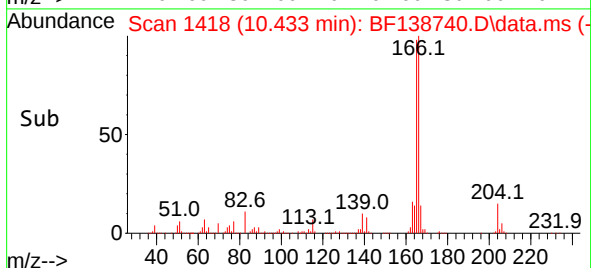
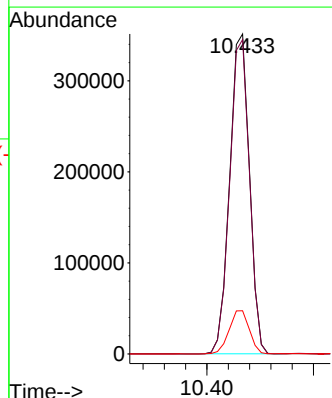
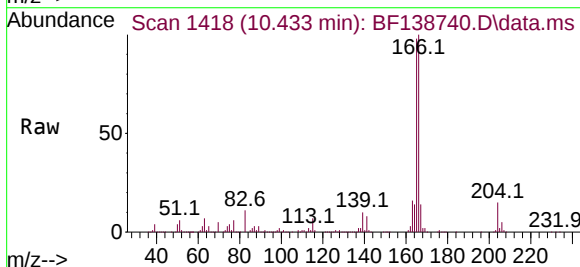
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:165 Resp: 139598
Ion Ratio Lower Upper
165 100
63 61.3 46.3 69.5
89 82.6 64.2 96.4
182 2.8 2.5 3.7



#58
Fluorene
Concen: 57.405 ng
RT: 10.433 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:166 Resp: 452621
Ion Ratio Lower Upper
166 100
165 98.2 78.4 117.6
167 13.5 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 60.209 ng

RT: 10.210 min Scan# 1379

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

Tgt Ion:232 Resp: 107649

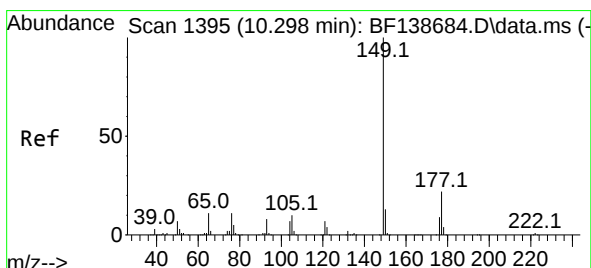
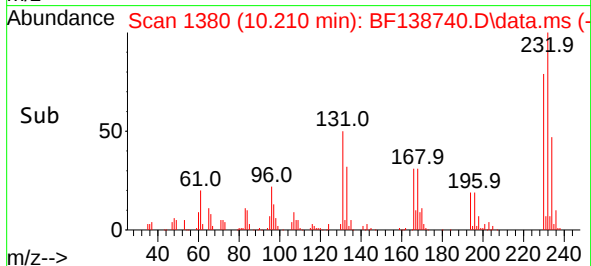
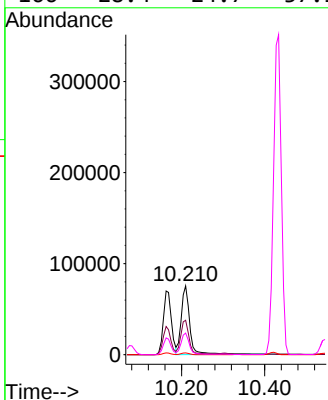
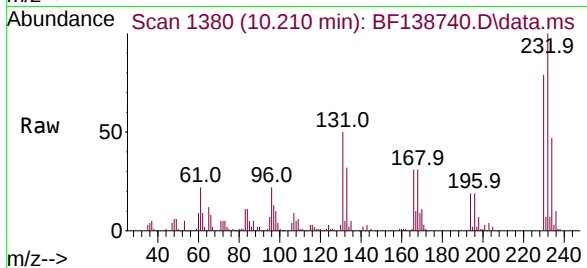
Ion Ratio Lower Upper

232 100

131 48.8 37.0 55.4

130 2.4 2.0 3.0

166 28.4 24.7 37.1



#60

Diethylphthalate

Concen: 62.420 ng

RT: 10.304 min Scan# 1396

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

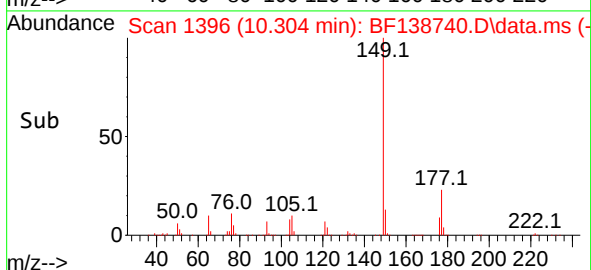
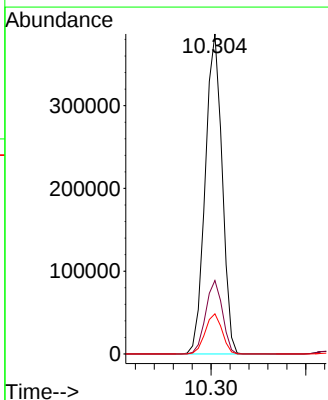
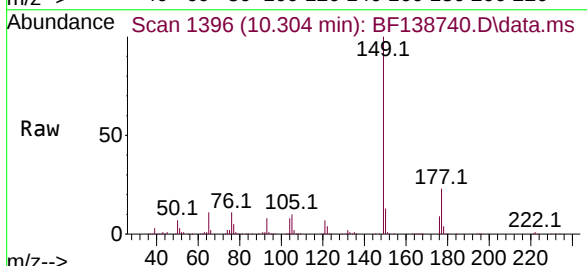
Tgt Ion:149 Resp: 477980

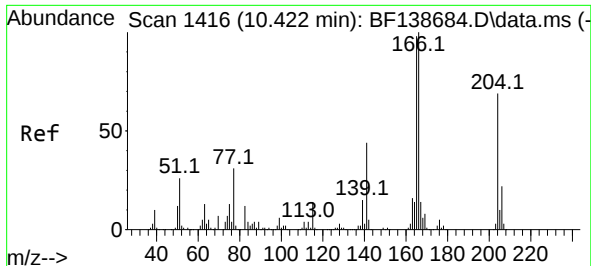
Ion Ratio Lower Upper

149 100

177 22.9 17.8 26.8

150 12.6 10.1 15.1

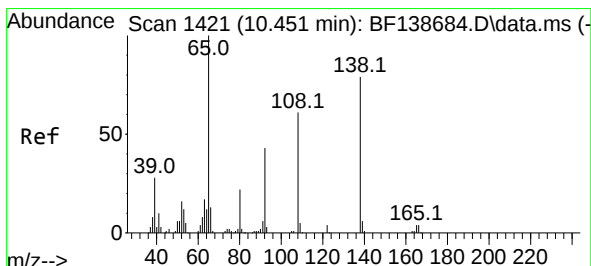
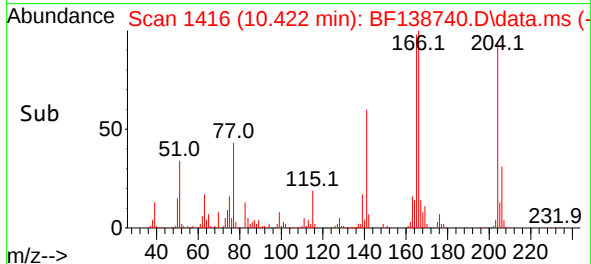
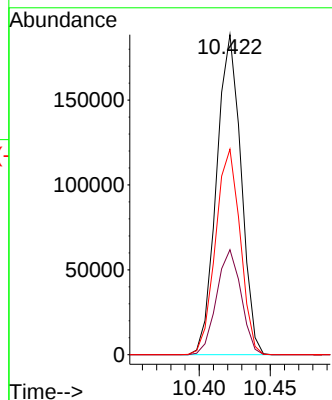
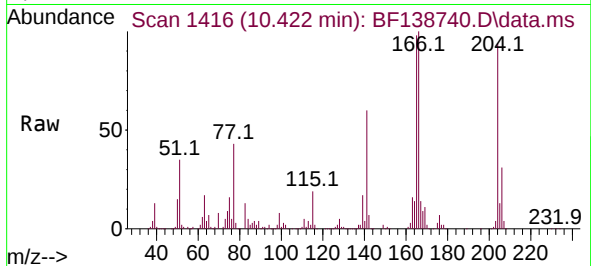




#61
4-Chlorophenyl-phenylether
Concen: 58.366 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

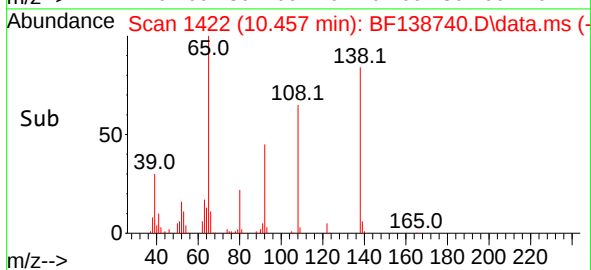
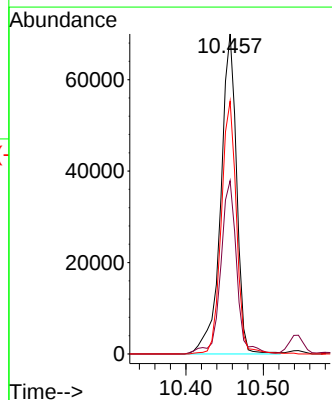
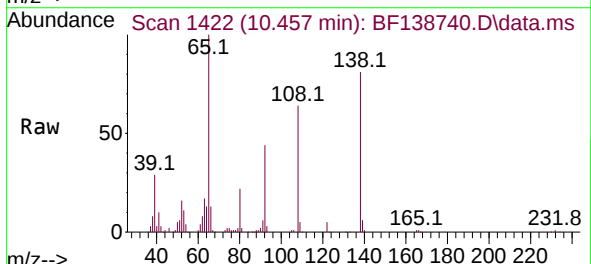
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

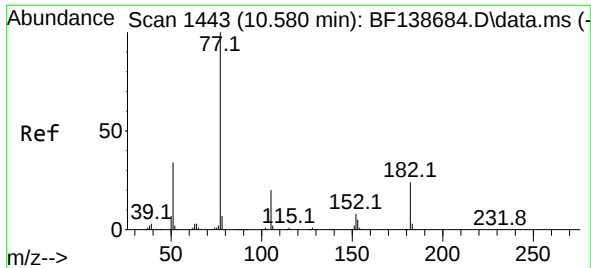
Tgt Ion:204 Resp: 226333
Ion Ratio Lower Upper
204 100
206 32.8 26.1 39.1
141 64.2 51.4 77.0



#62
4-Nitroaniline
Concen: 55.777 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:138 Resp: 99872
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 79.0 56.2 96.2

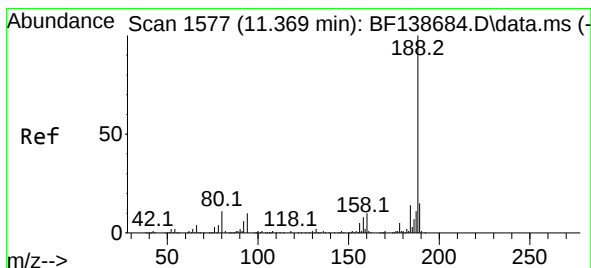
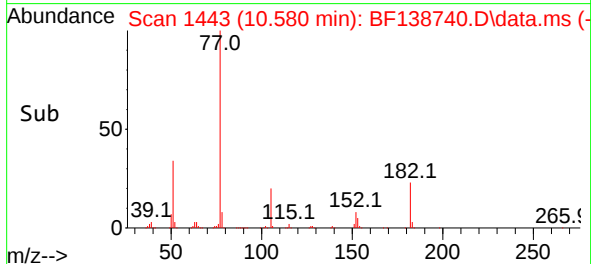
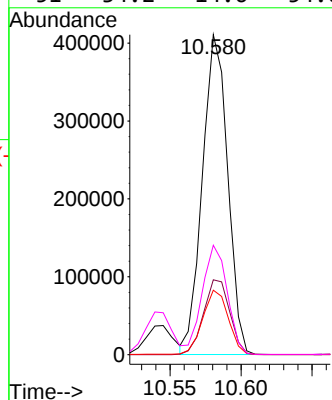
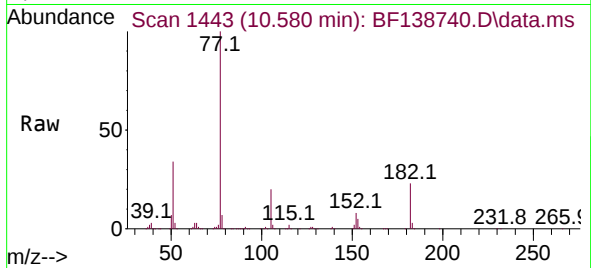




#63
Azobenzene
Concen: 59.910 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

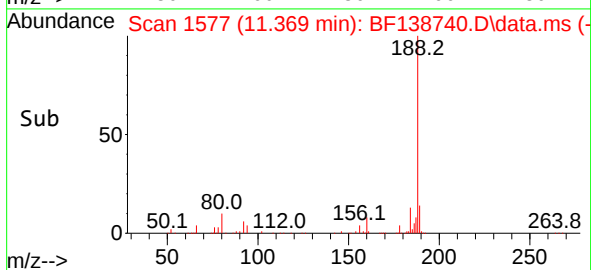
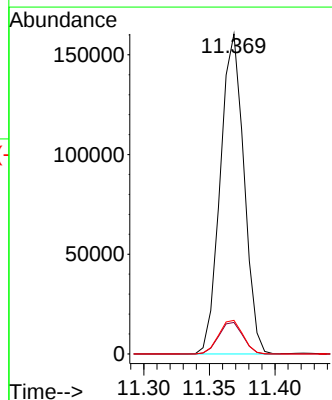
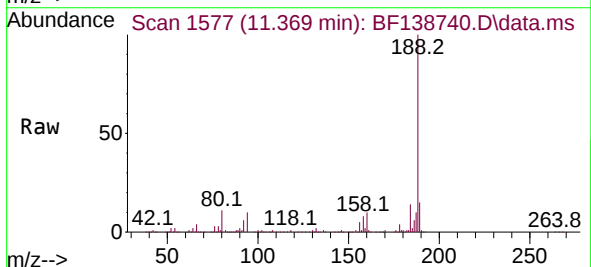
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

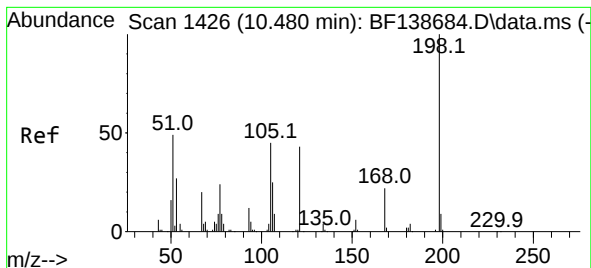
Tgt Ion: 77	Resp: 508808
Ion Ratio	Lower Upper
77 100	
182 23.4	3.4 43.4
105 20.1	0.2 40.2
51 34.2	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:188	Resp: 201242		
Ion Ratio	Lower	Upper	
188 100			
94 9.8	7.6	11.4	
80 10.5	8.6	12.8	

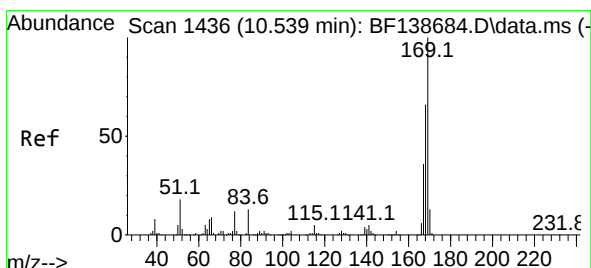
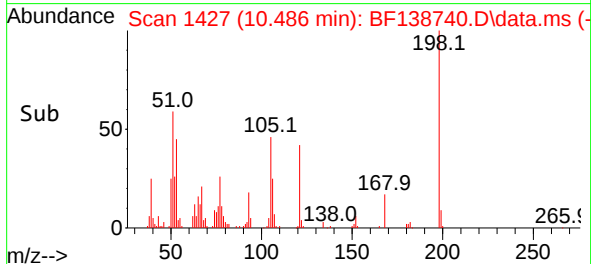
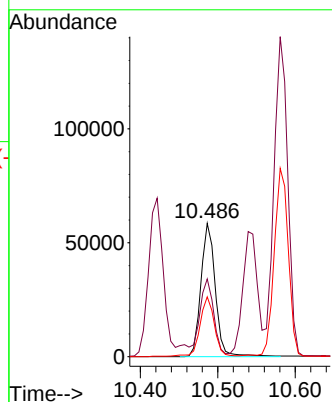
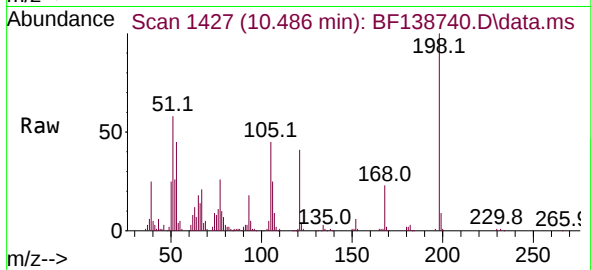




#65
4,6-Dinitro-2-methylphenol
Concen: 61.521 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

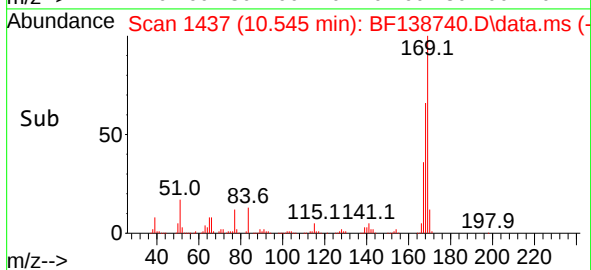
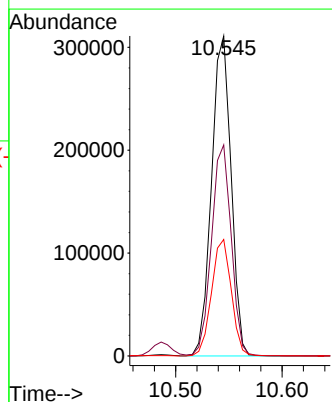
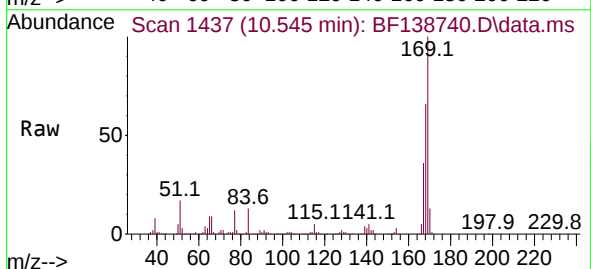
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

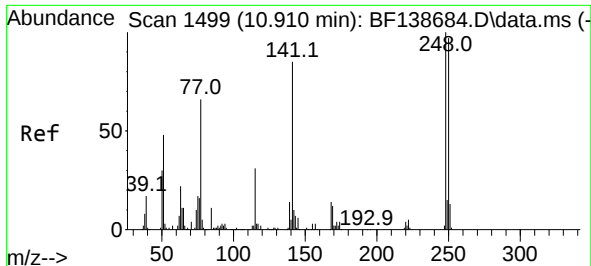
Tgt Ion:198 Resp: 75532
Ion Ratio Lower Upper
198 100
51 58.4 39.9 79.9
105 44.9 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 63.010 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:169 Resp: 396358
Ion Ratio Lower Upper
169 100
168 66.0 53.0 79.6
167 36.4 29.0 43.6

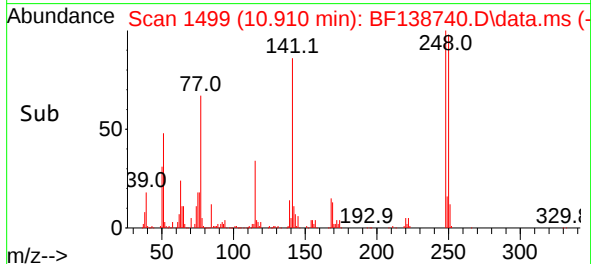
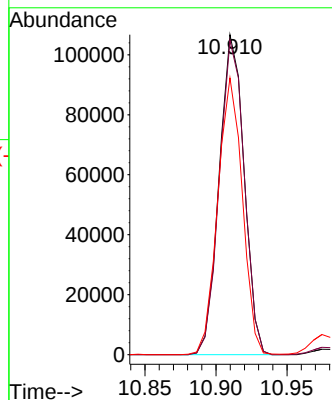
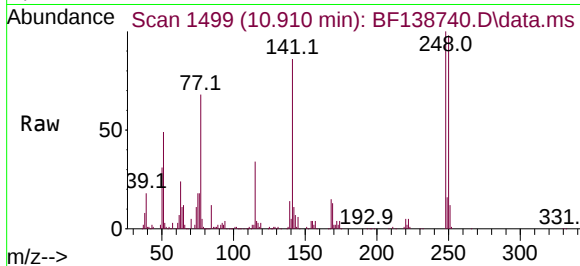




#67
4-Bromophenyl-phenylether
Concen: 59.595 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

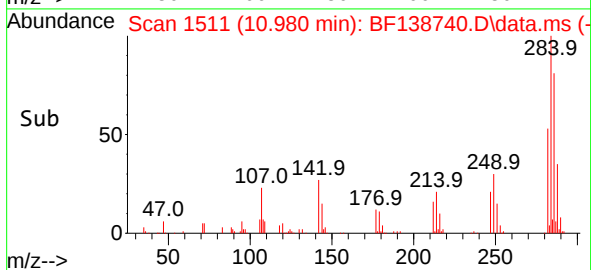
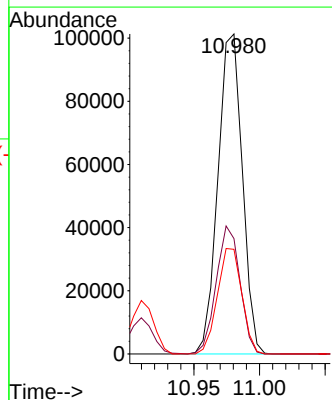
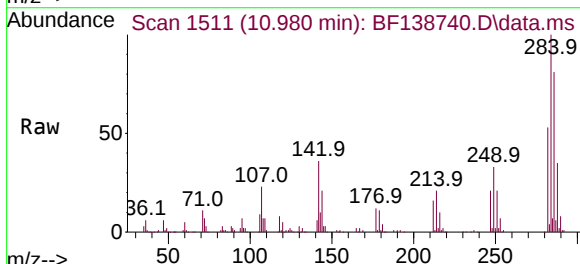
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:	248	Resp:	129848
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.7	116.5
141	86.5	68.0	102.0



#68
Hexachlorobenzene
Concen: 58.143 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:	284	Resp:	130801
Ion Ratio	Lower	Upper	
284	100		
142	36.0	31.3	46.9
249	32.7	27.2	40.8





#69

Atrazine

Concen: 73.402 ng

RT: 11.069 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

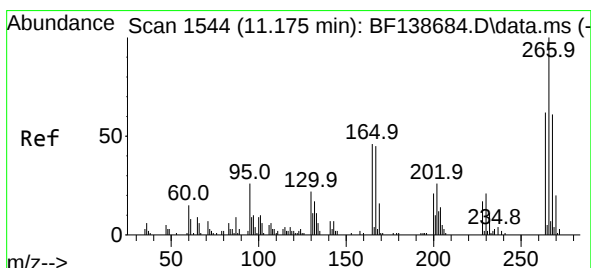
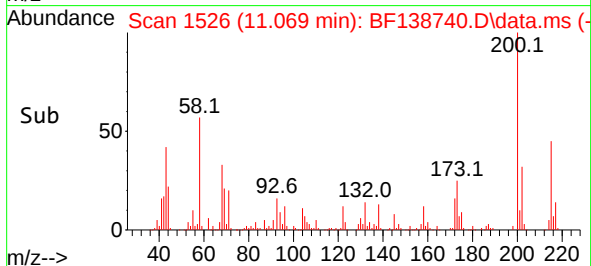
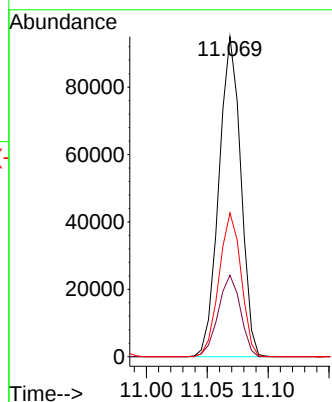
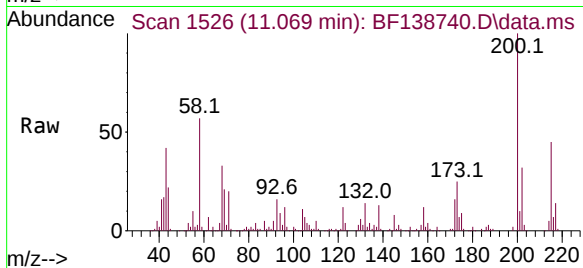
Tgt Ion:200 Resp: 119126

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

215 44.9 26.1 66.1



#70

Pentachlorophenol

Concen: 105.434 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

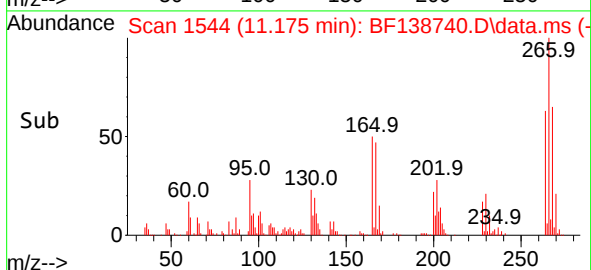
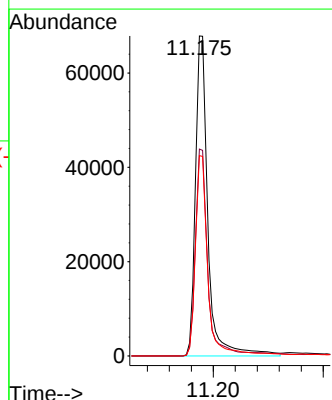
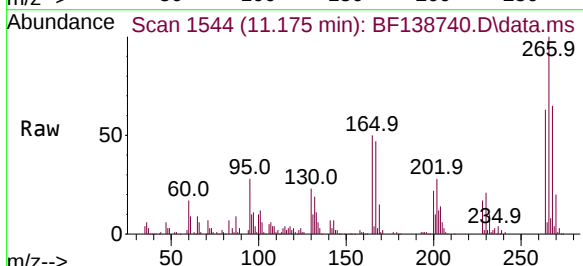
Tgt Ion:266 Resp: 106912

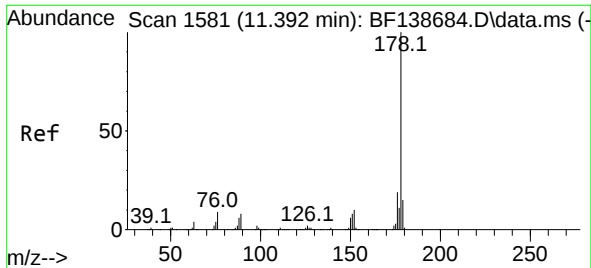
Ion Ratio Lower Upper

266 100

268 64.6 49.2 73.8

264 62.6 49.8 74.6

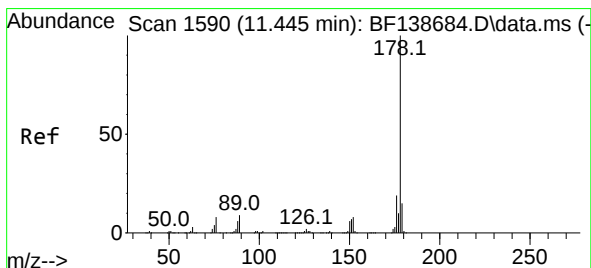
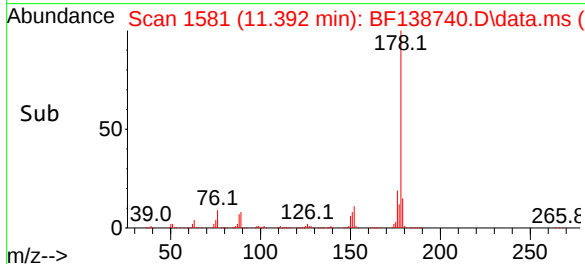
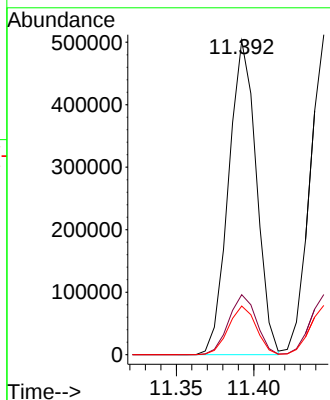
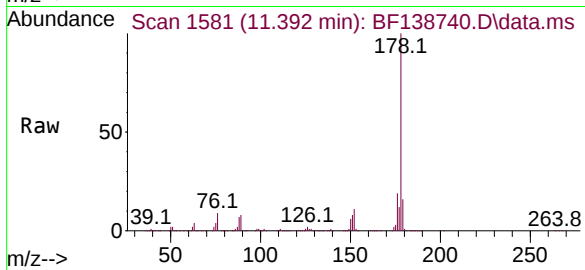




#71
Phenanthrene
Concen: 60.351 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

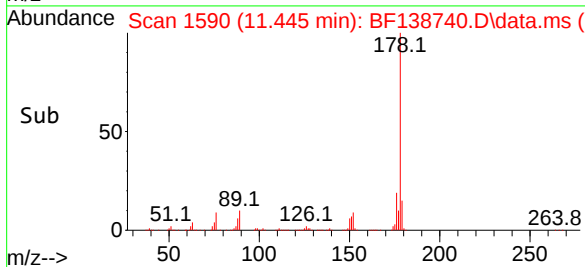
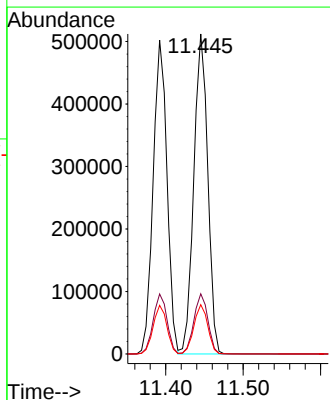
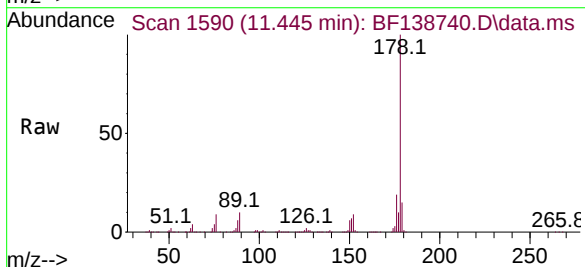
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

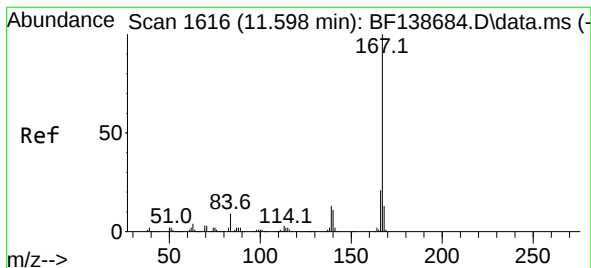
Tgt Ion:178 Resp: 625380
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.5 12.2 18.2



#72
Anthracene
Concen: 62.716 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:178 Resp: 640223
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.4 12.4 18.6





#73

Carbazole

Concen: 59.766 ng

RT: 11.604 min Scan# 1617

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

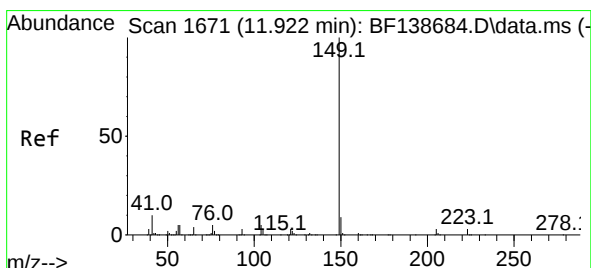
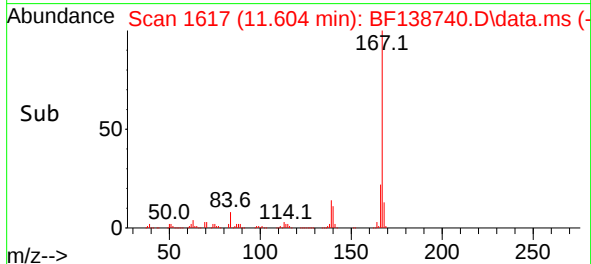
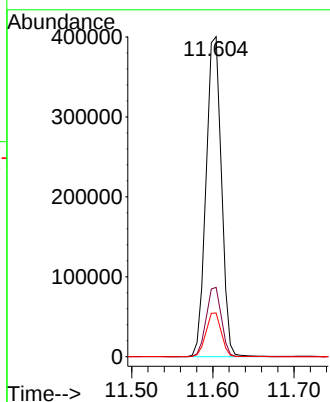
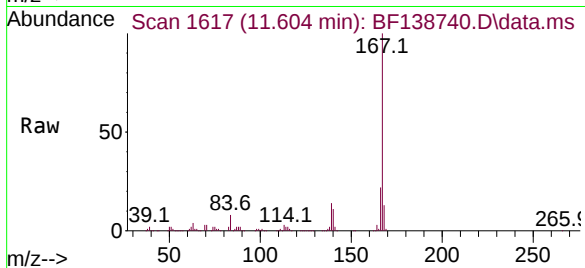
Tgt Ion:167 Resp: 526372

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.6 10.6 16.0



#74

Di-n-butylphthalate

Concen: 70.497 ng

RT: 11.927 min Scan# 1672

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

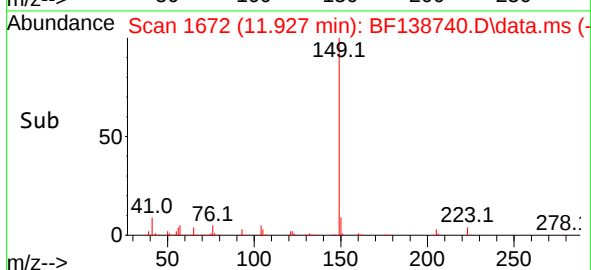
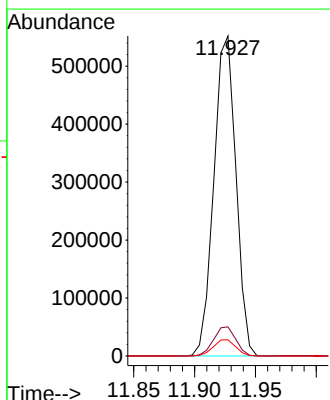
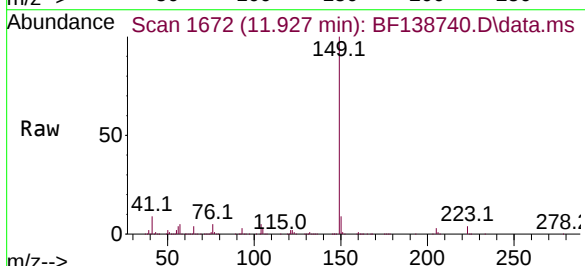
Tgt Ion:149 Resp: 697969

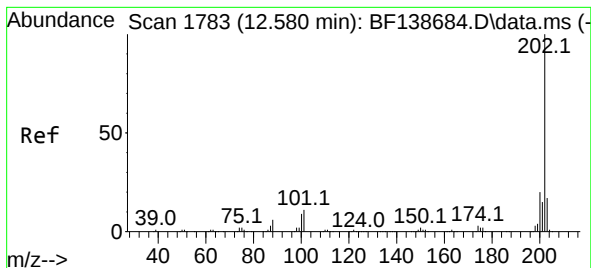
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 59.324 ng

RT: 12.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

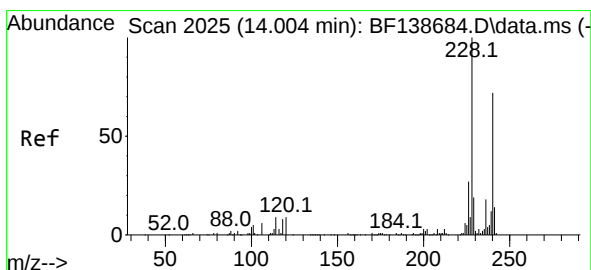
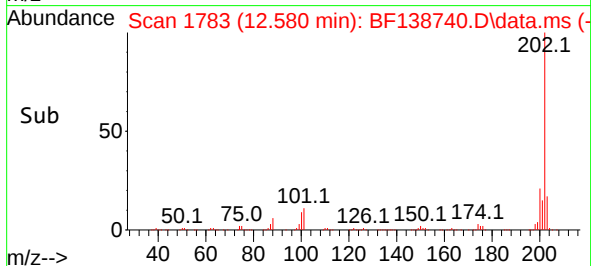
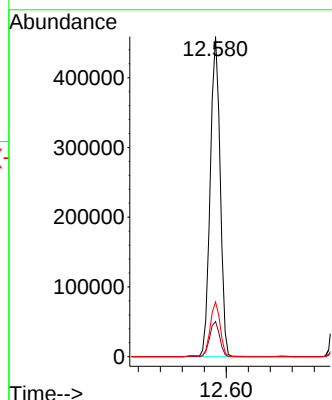
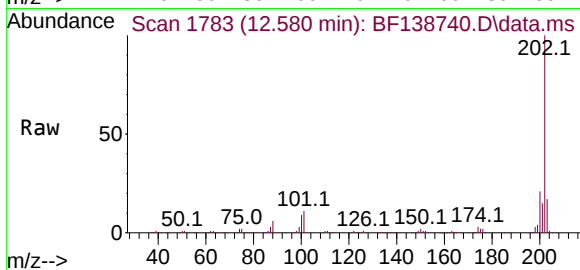
Tgt Ion:202 Resp: 573890

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.2

203 17.1 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: BF138740.D

Acq: 02 Aug 2024 11:25

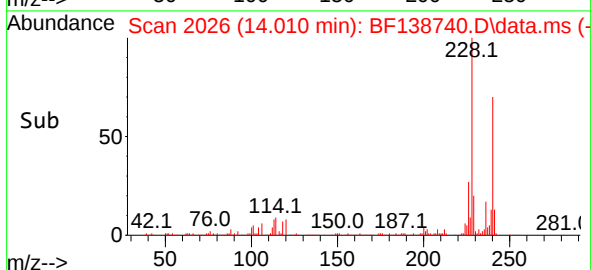
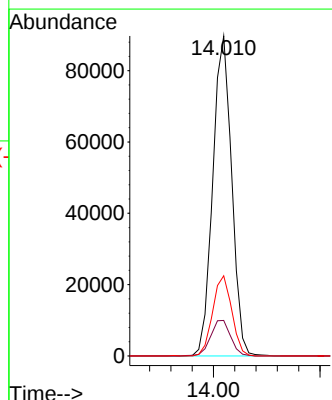
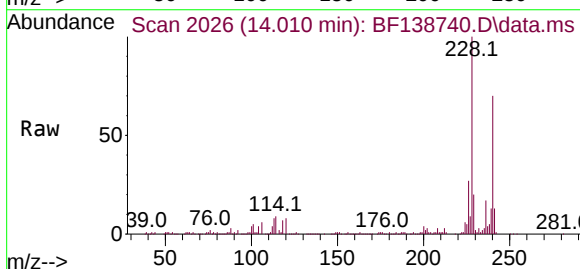
Tgt Ion:240 Resp: 110676

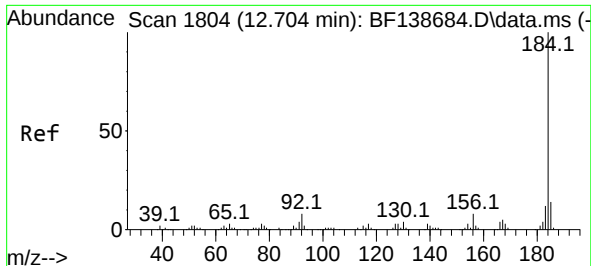
Ion Ratio Lower Upper

240 100

120 11.1 10.2 15.4

236 25.1 19.8 29.8

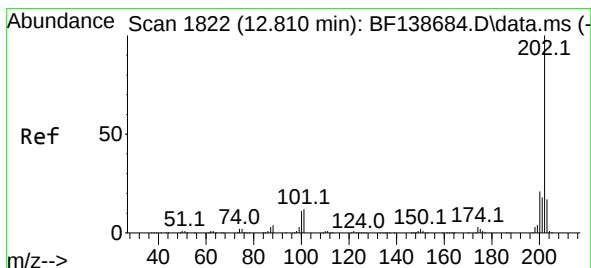
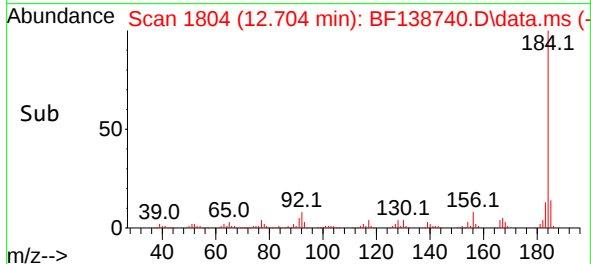
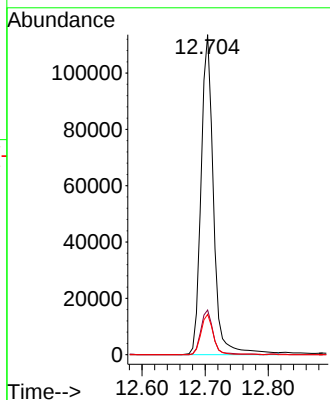
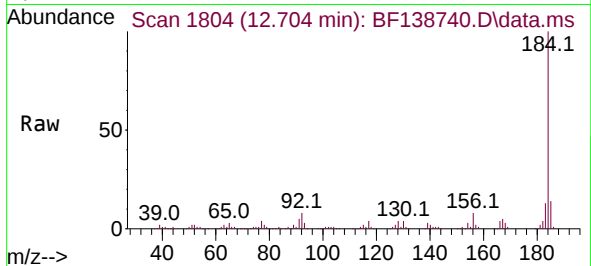




#77
Benzidine
Concen: 58.909 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

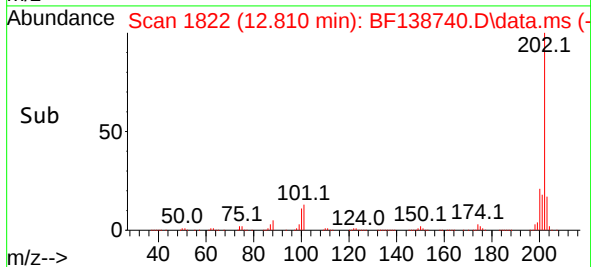
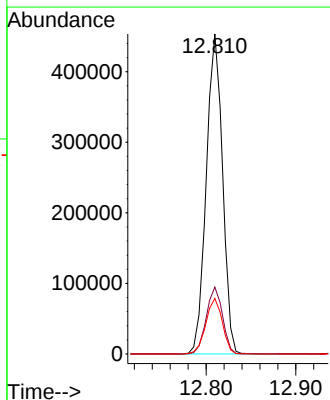
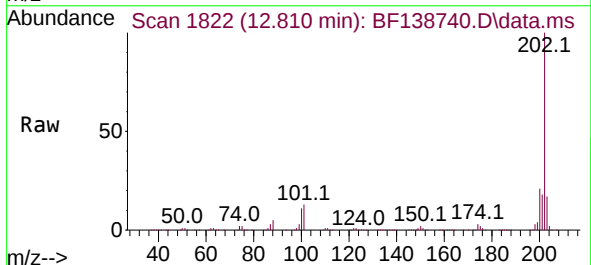
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:184 Resp: 155942
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 12.6 9.6 14.4



#78
Pyrene
Concen: 54.786 ng
RT: 12.810 min Scan# 1822
Delta R.T. 0.000 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:202 Resp: 570893
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.3 13.8 20.6





#79

Terphenyl-d14

Concen: 111.692 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.006 min

Lab File: BF138740.D

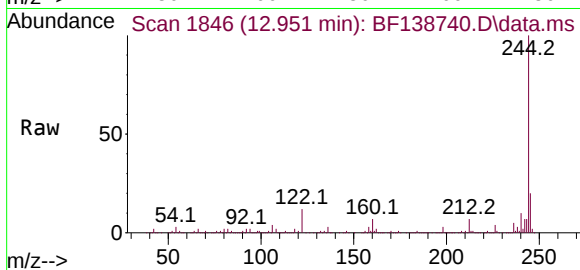
Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD



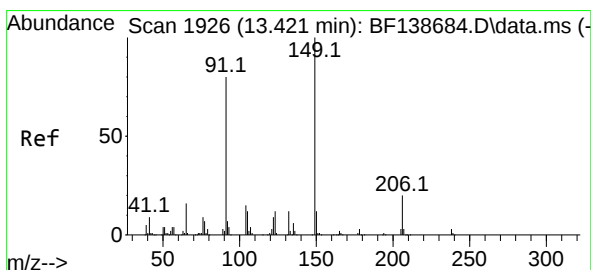
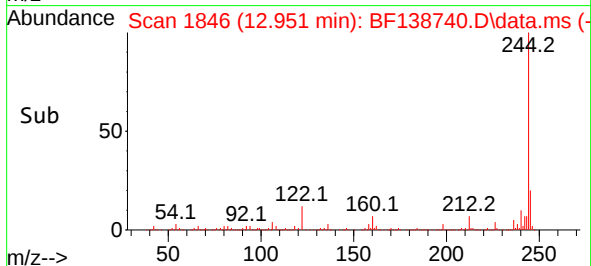
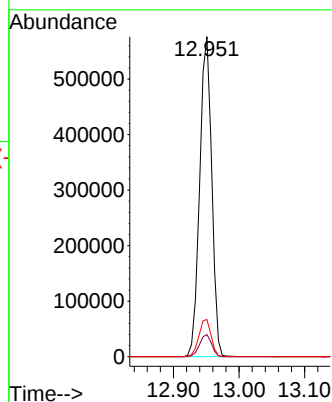
Tgt Ion:244 Resp: 738333

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 11.6 9.6 14.4



#80

Butylbenzylphthalate

Concen: 71.893 ng

RT: 13.421 min Scan# 1926

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

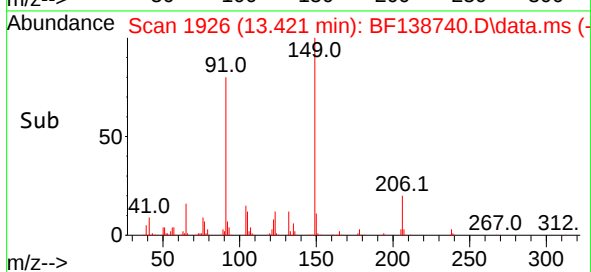
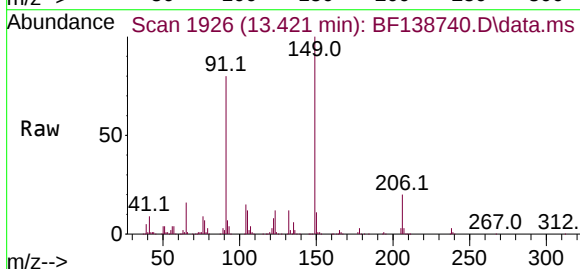
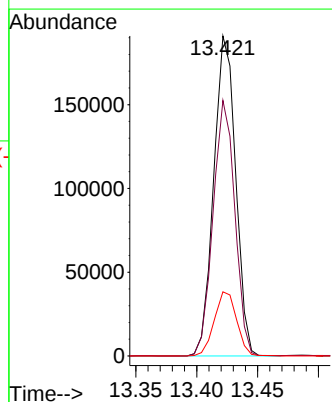
Tgt Ion:149 Resp: 239902

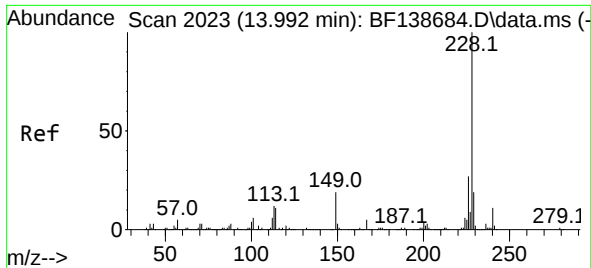
Ion Ratio Lower Upper

149 100

91 79.9 63.7 95.5

206 20.0 16.2 24.2

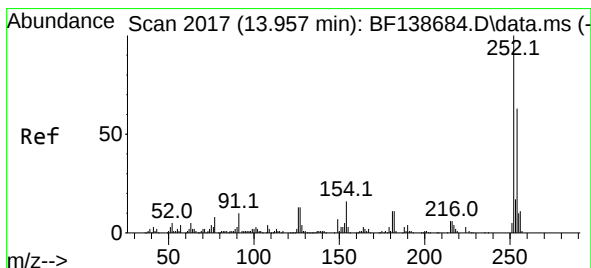
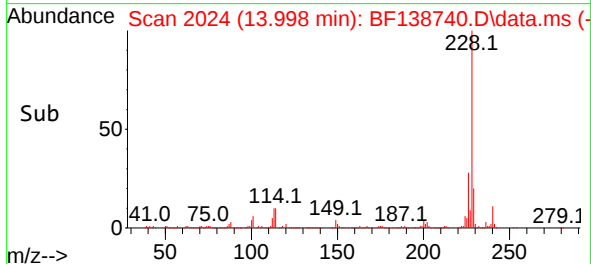
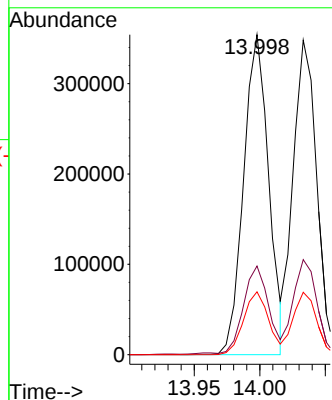
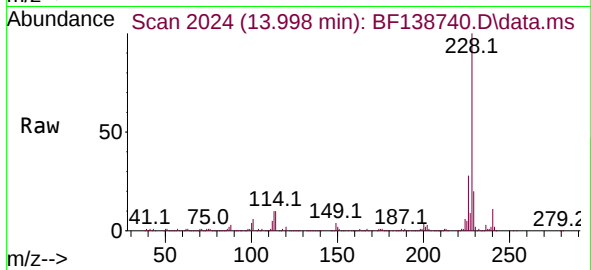




#81
Benzo(a)anthracene
Concen: 61.905 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

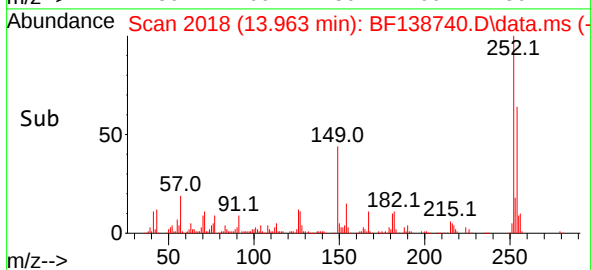
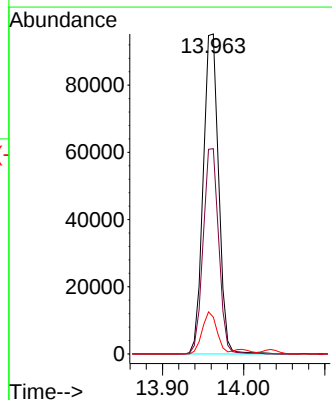
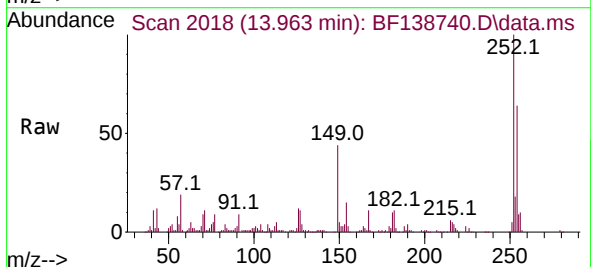
Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:228 Resp: 471803
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.7 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 64.420 ng
RT: 13.963 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:252 Resp: 125642
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 11.5 10.2 15.2





#83

Chrysene

Concen: 62.974 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

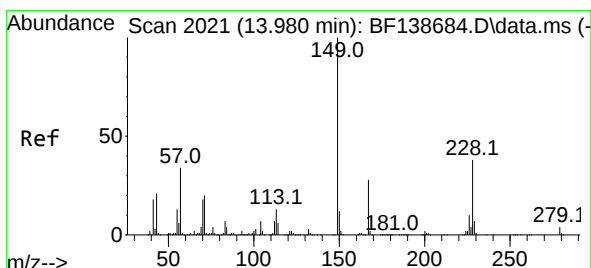
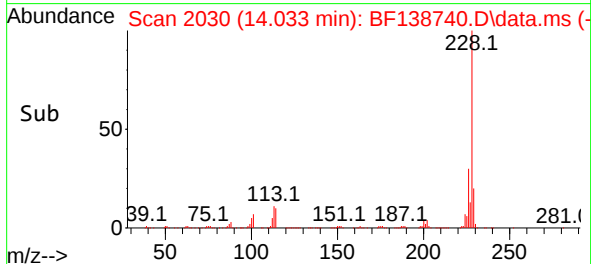
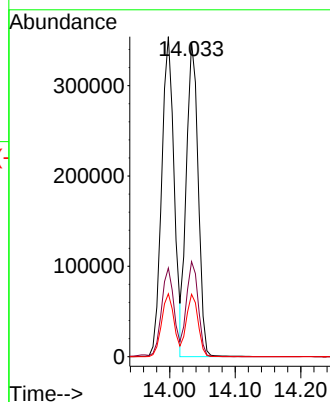
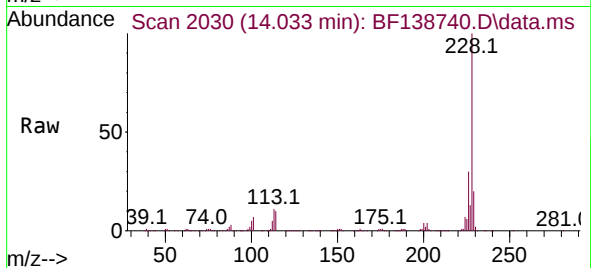
Tgt Ion:228 Resp: 433007

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 19.9 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.308 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

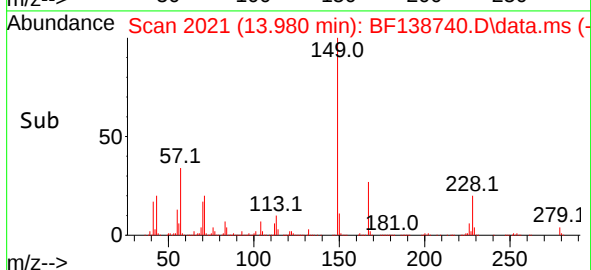
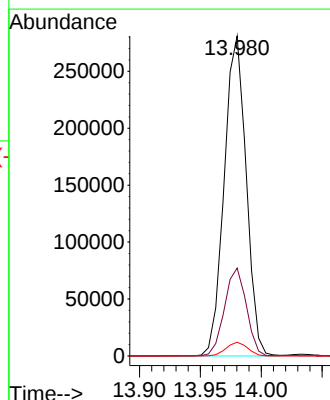
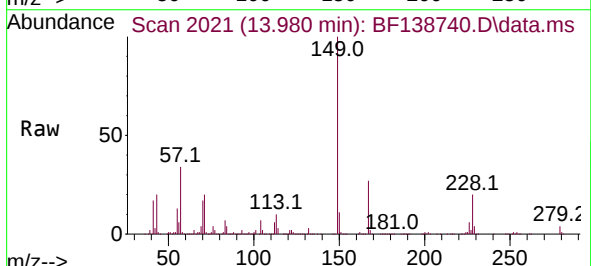
Tgt Ion:149 Resp: 353326

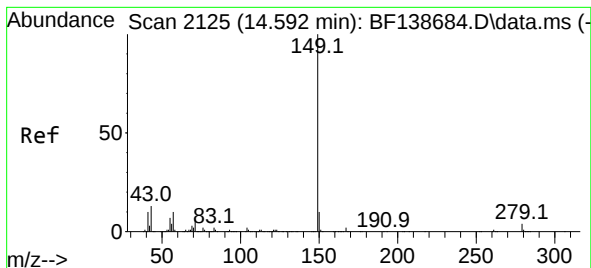
Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.4

279 4.3 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 65.240 ng

RT: 14.592 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

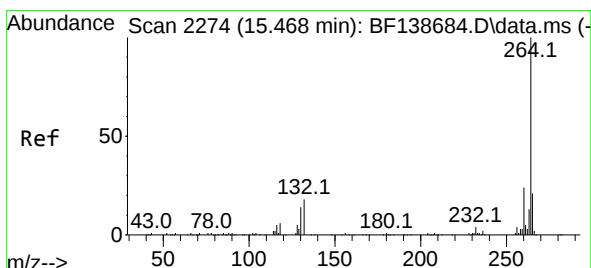
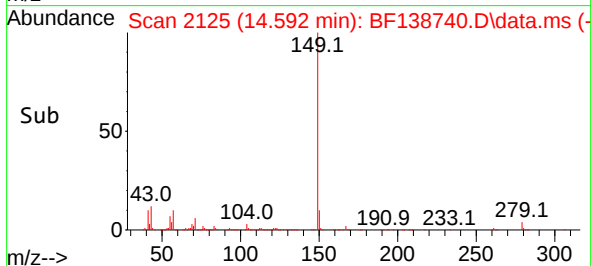
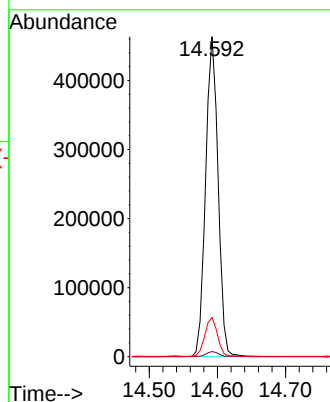
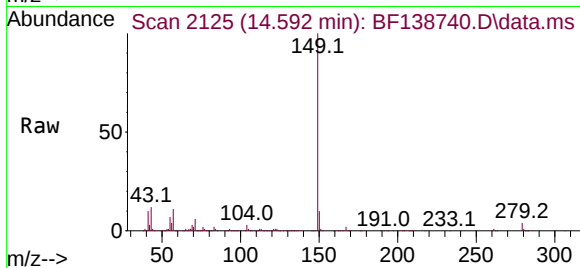
Tgt Ion:149 Resp: 589806

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

43 12.3 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

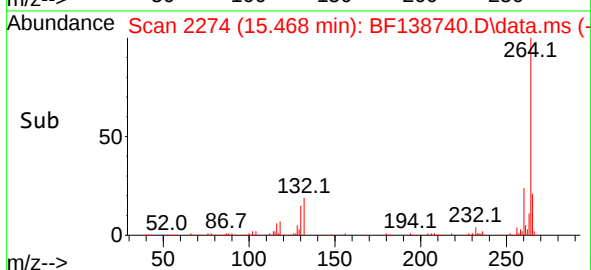
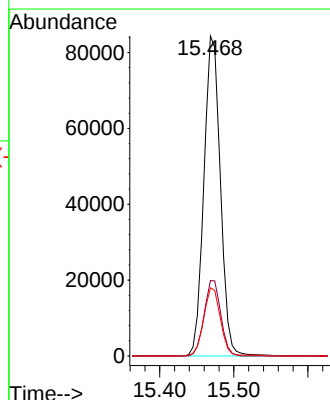
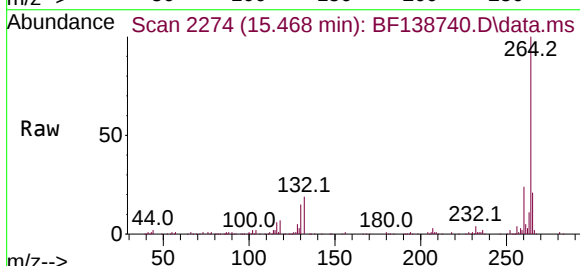
Tgt Ion:264 Resp: 130238

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.3 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.901 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

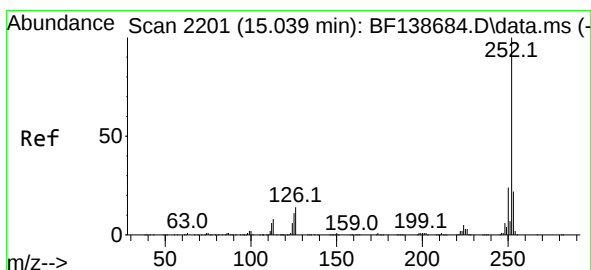
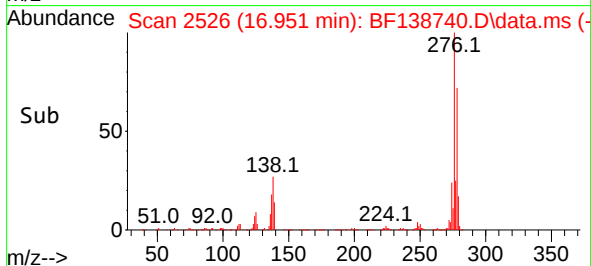
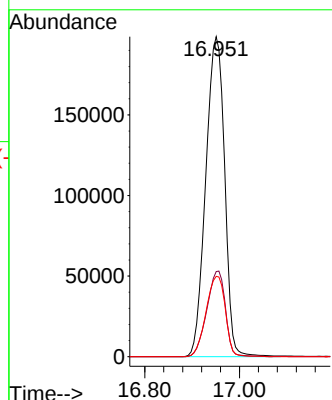
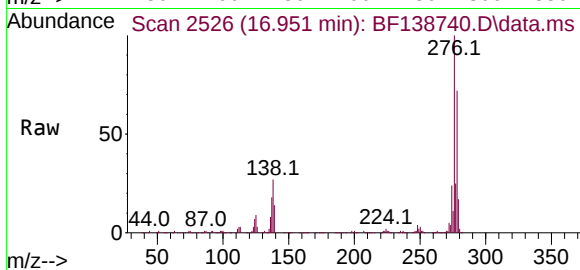
Tgt Ion:276 Resp: 549737

Ion Ratio Lower Upper

276 100

138 26.4 21.8 32.8

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 62.904 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

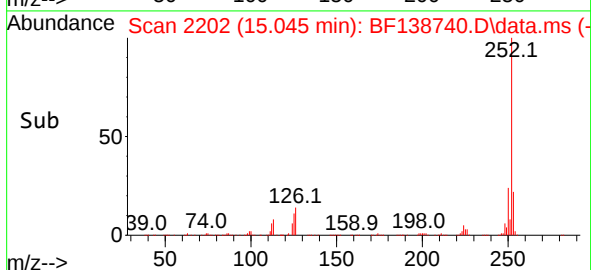
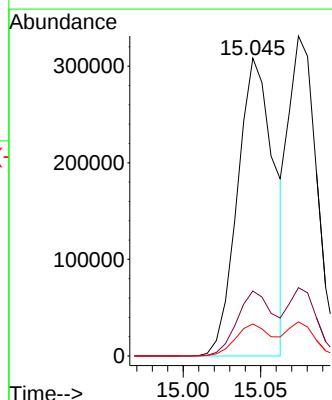
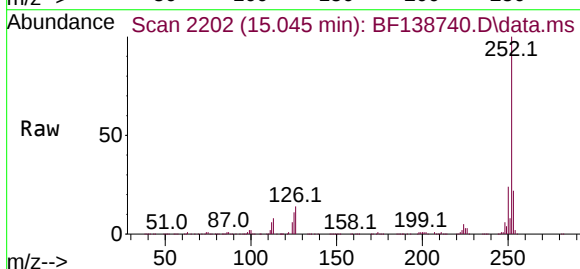
Tgt Ion:252 Resp: 507851

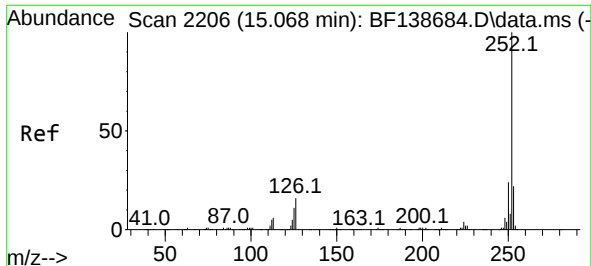
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.8 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 59.803 ng

RT: 15.074 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

Instrument :

BNA_F

ClientSampleId :

P001-CF05-01MSD

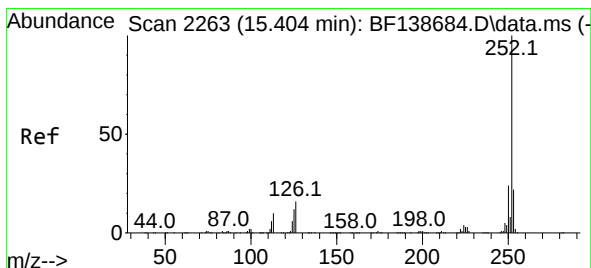
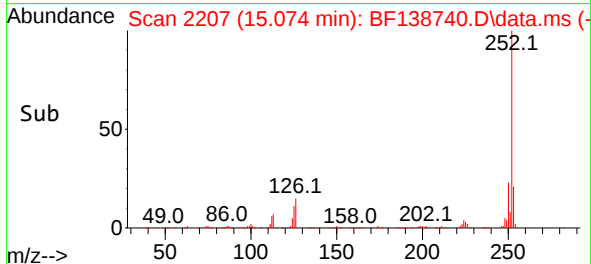
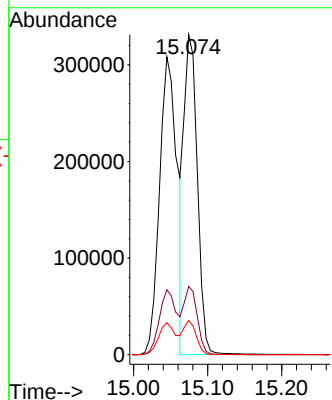
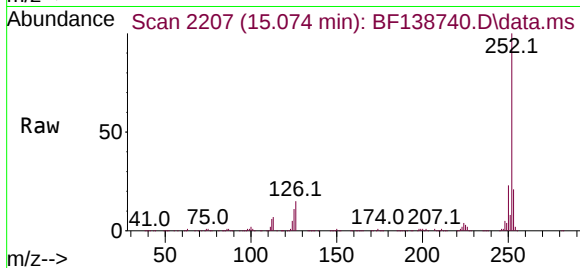
Tgt Ion:252 Resp: 418031

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 10.7 8.6 13.0



#90

Benzo(a)pyrene

Concen: 64.210 ng

RT: 15.415 min Scan# 2265

Delta R.T. 0.012 min

Lab File: BF138740.D

Acq: 02 Aug 2024 11:25

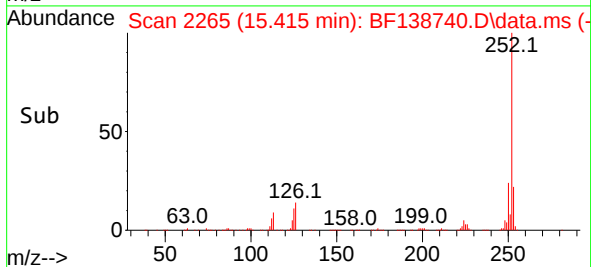
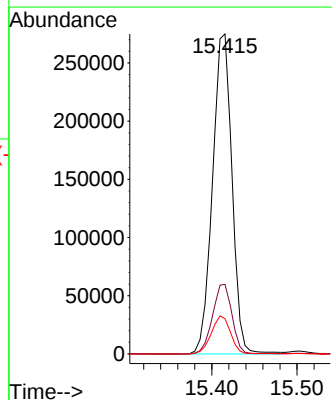
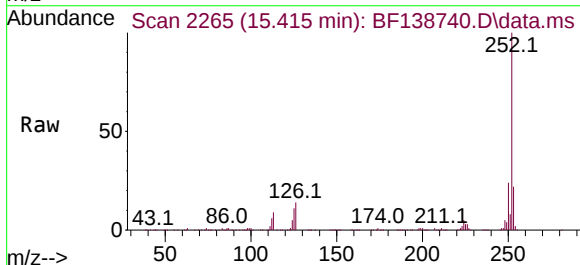
Tgt Ion:252 Resp: 436045

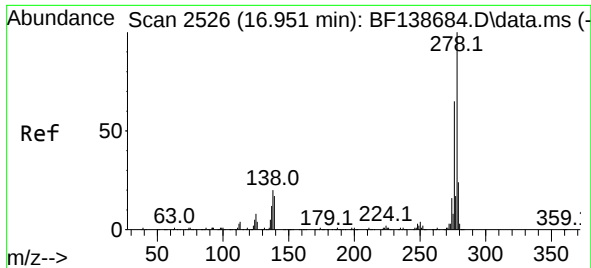
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 11.0 9.5 14.3

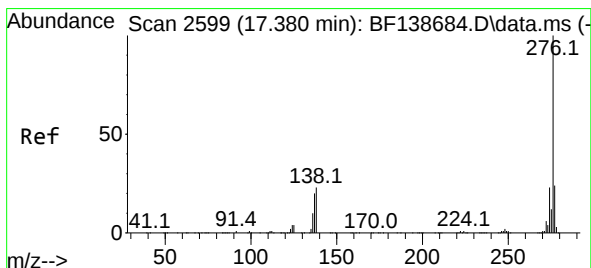
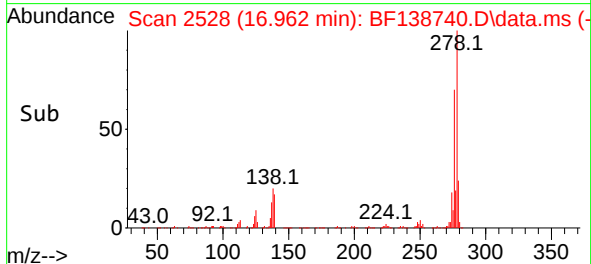
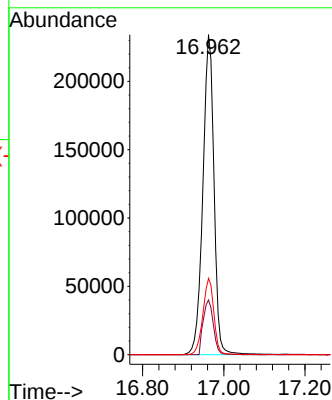
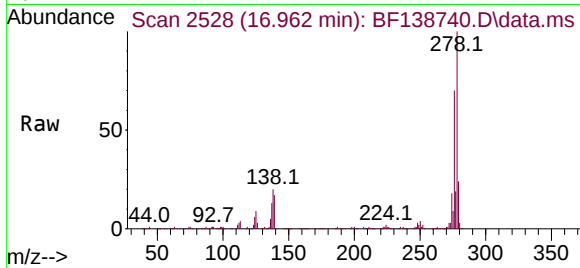




#91
Dibenzo(a,h)anthracene
Concen: 58.280 ng
RT: 16.962 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Instrument :
BNA_F
ClientSampleId :
P001-CF05-01MSD

Tgt Ion:278 Resp: 446510
Ion Ratio Lower Upper
278 100
139 17.1 14.0 21.0
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 53.546 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138740.D
Acq: 02 Aug 2024 11:25

Tgt Ion:276 Resp: 425706
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 23.4 18.5 27.7

