

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138516.D
 Acq On : 11 Jul 2024 11:27
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 11 12:37:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	105808	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	418460	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	235364	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	401703	20.000	ng	0.00
76) Chrysene-d12	14.021	240	204551	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	182899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	530688	79.434	ng	0.00
7) Phenol-d6	6.504	99	706042	79.442	ng	0.00
23) Nitrobenzene-d5	7.433	82	671562	78.794	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	174090	79.142	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1155861	76.754	ng	0.00
79) Terphenyl-d14	12.968	244	1019020	81.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	120805	40.828	ng	99
3) Pyridine	3.404	79	303590	41.606	ng	98
4) n-Nitrosodimethylamine	3.369	42	192770	40.582	ng	96
6) Aniline	6.534	93	337272	40.516	ng	98
8) 2-Chlorophenol	6.657	128	284103	40.217	ng	100
9) Benzaldehyde	6.416	77	162392	34.137	ng	94
10) Phenol	6.516	94	378497	40.122	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	283737	39.949	ng	99
12) 1,3-Dichlorobenzene	6.810	146	316486	39.857	ng	98
13) 1,4-Dichlorobenzene	6.886	146	318496	39.498	ng	99
14) 1,2-Dichlorobenzene	7.039	146	295756	39.381	ng	99
15) Benzyl Alcohol	7.010	79	261733	39.241	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	537367	38.473	ng	98
17) 2-Methylphenol	7.122	107	228676	39.498	ng	98
18) Hexachloroethane	7.375	117	119838	40.426	ng	95
19) n-Nitroso-di-n-propyla...	7.281	70	210397	38.313	ng	98
20) 3+4-Methylphenols	7.275	107	284901	39.078	ng	# 88
22) Acetophenone	7.281	105	393992	38.767	ng	98
24) Nitrobenzene	7.451	77	344763	39.805	ng	98
25) Isophorone	7.686	82	578452	39.521	ng	99
26) 2-Nitrophenol	7.763	139	154775	41.693	ng	93
27) 2,4-Dimethylphenol	7.804	122	180964	39.663	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	342524	39.157	ng	99
29) 2,4-Dichlorophenol	8.010	162	236245	39.874	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	272778	39.521	ng	98
31) Naphthalene	8.169	128	854443	39.261	ng	99
32) Benzoic acid	7.933	122	188201	43.249	ng	96
33) 4-Chloroaniline	8.222	127	293570	38.445	ng	99
34) Hexachlorobutadiene	8.286	225	169816	39.955	ng	100
35) Caprolactam	8.604	113	76925	40.235	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	263589	39.739	ng	99
37) 2-Methylnaphthalene	8.863	142	548485	39.163	ng	97
38) 1-Methylnaphthalene	8.963	142	530677	38.825	ng	97
40) 1,2,4,5-Tetrachloroben...	9.027	216	258134	39.351	ng	99
41) Hexachlorocyclopentadiene	9.010	237	85038	39.939	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	166309	39.746	ng	100

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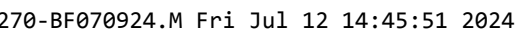
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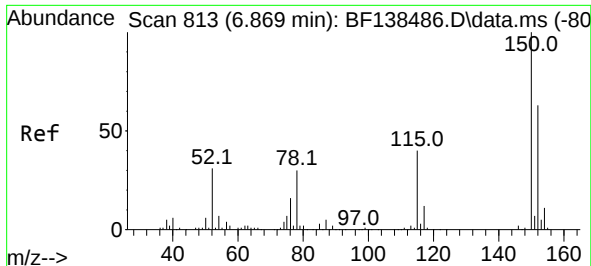
Quant Time: Jul 11 12:37:56 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	184469	40.082	ng	94
46) 1,1'-Biphenyl	9.327	154	693159	38.861	ng	99
47) 2-Chloronaphthalene	9.351	162	524015	38.888	ng	99
48) 2-Nitroaniline	9.451	65	187089	40.066	ng	99
49) Acenaphthylene	9.769	152	743090	38.841	ng	100
50) Dimethylphthalate	9.627	163	592613	38.939	ng	99
51) 2,6-Dinitrotoluene	9.692	165	140234	40.019	ng	98
52) Acenaphthene	9.939	154	497989	39.159	ng	99
53) 3-Nitroaniline	9.863	138	143648	39.996	ng	98
54) 2,4-Dinitrophenol	9.963	184	72409	40.924	ng	97
55) Dibenzofuran	10.110	168	708871	38.430	ng	100
56) 4-Nitrophenol	10.022	139	105577	39.840	ng	99
57) 2,4-Dinitrotoluene	10.092	165	185387	40.889	ng	97
58) Fluorene	10.451	166	556828	38.152	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	146679	40.384	ng	99
60) Diethylphthalate	10.322	149	572302	39.007	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	280340	38.252	ng	99
62) 4-Nitroaniline	10.474	138	141707	39.374	ng	99
63) Azobenzene	10.604	77	605443	38.382	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	102971	44.394	ng	97
66) n-Nitrosodiphenylamine	10.563	169	469668	39.024	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	164309	39.796	ng	96
68) Hexachlorobenzene	10.998	284	182023	39.685	ng	95
69) Atrazine	11.086	200	152882	38.314	ng	97
70) Pentachlorophenol	11.192	266	114805	42.300	ng	98
71) Phenanthrene	11.416	178	791632	39.007	ng	100
72) Anthracene	11.463	178	793464	39.387	ng	99
73) Carbazole	11.621	167	712146	39.336	ng	100
74) Di-n-butylphthalate	11.945	149	847483	40.611	ng	99
75) Fluoranthene	12.598	202	820358	39.615	ng	98
77) Benzidine	12.721	184	173767	33.671	ng	99
78) Pyrene	12.827	202	826600	39.808	ng	100
80) Butylbenzylphthalate	13.445	149	275056	44.034	ng	94
81) Benzo(a)anthracene	14.015	228	541217	39.432	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	137950	39.005	ng	# 98
83) Chrysene	14.051	228	514770	39.646	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	285567	42.866	ng	99
85) Di-n-octyl phthalate	14.609	149	407760	38.745	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	498763	40.598	ng	100
88) Benzo(b)fluoranthene	15.057	252	413418	40.136	ng	99
89) Benzo(k)fluoranthene	15.092	252	380875	37.914	ng	99
90) Benzo(a)pyrene	15.427	252	355992	39.343	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	412379	41.035	ng	97
92) Benzo(g,h,i)perylene	17.409	276	420170	39.429	ng	95

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

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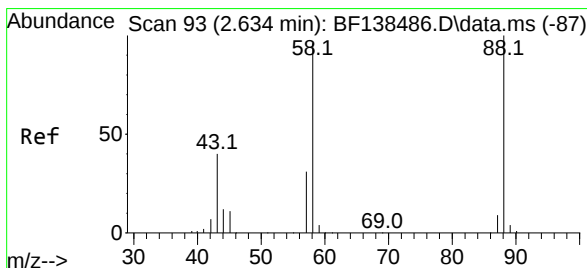
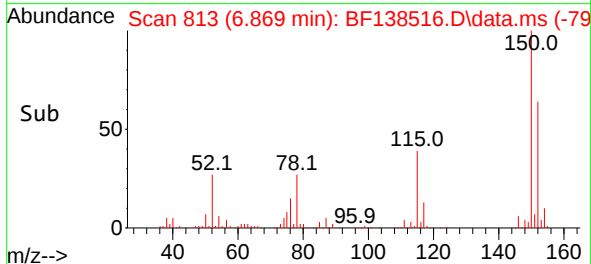
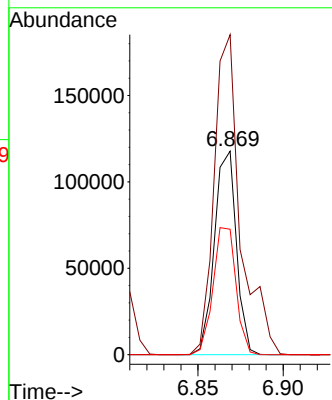
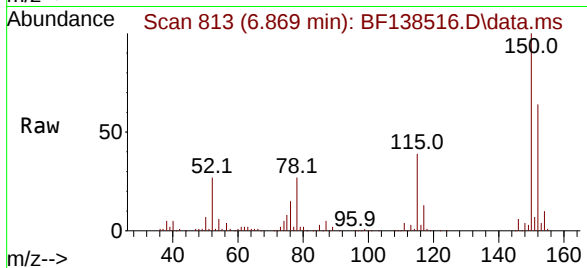




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138516.D
 Acq: 11 Jul 2024 11:27

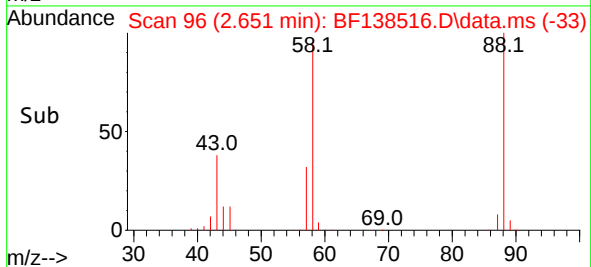
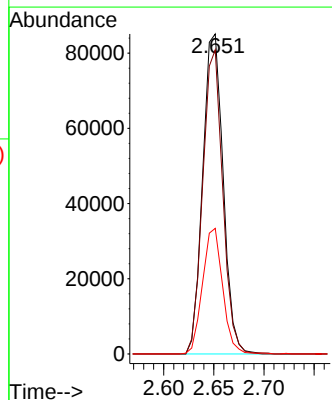
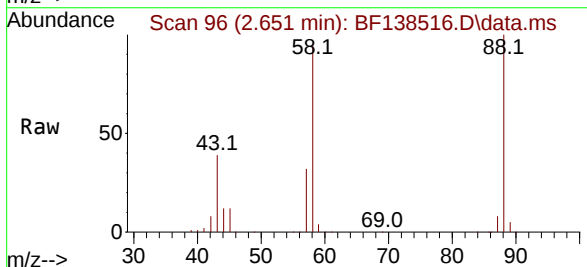
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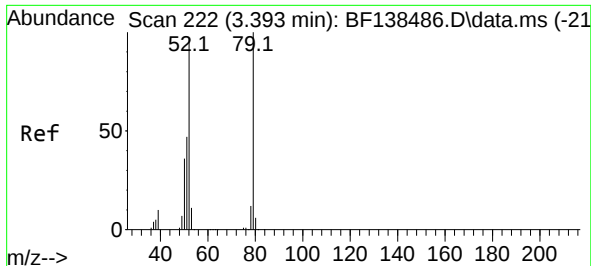
Tgt Ion:152 Resp: 105808
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.2 189.4
 115 61.6 50.3 75.5



#2
 1,4-Dioxane
 Concen: 40.828 ng
 RT: 2.651 min Scan# 96
 Delta R.T. 0.018 min
 Lab File: BF138516.D
 Acq: 11 Jul 2024 11:27

Tgt Ion: 88 Resp: 120805
 Ion Ratio Lower Upper
 88 100
 58 92.5 74.6 112.0
 43 38.8 31.8 47.6





#3

Pyridine

Concen: 41.606 ng

RT: 3.404 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

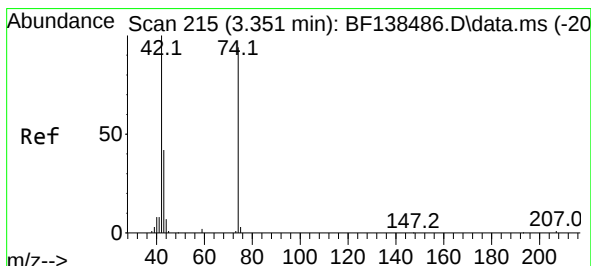
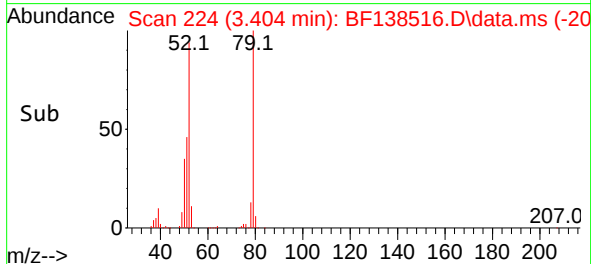
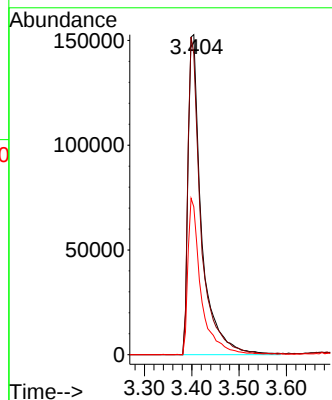
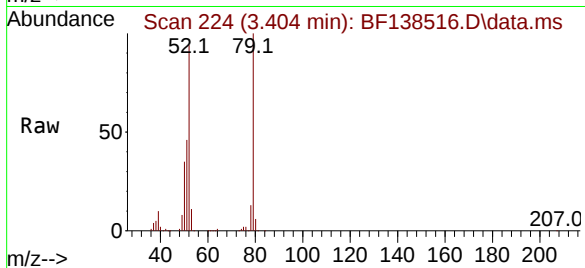
Tgt Ion: 79 Resp: 303590

Ion Ratio Lower Upper

79 100

52 94.0 77.4 116.2

51 46.2 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 40.582 ng

RT: 3.369 min Scan# 218

Delta R.T. 0.018 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

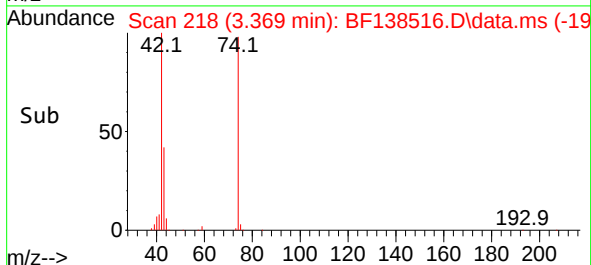
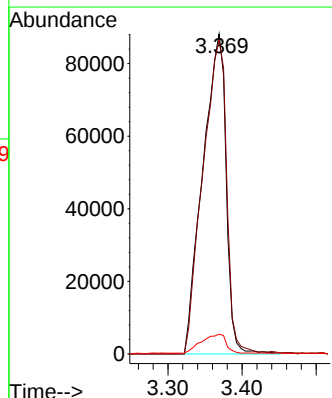
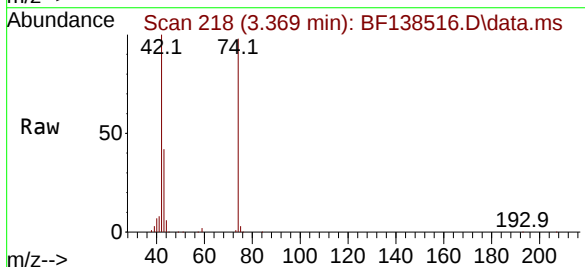
Tgt Ion: 42 Resp: 192770

Ion Ratio Lower Upper

42 100

74 98.0 75.0 112.6

44 6.2 5.4 8.2

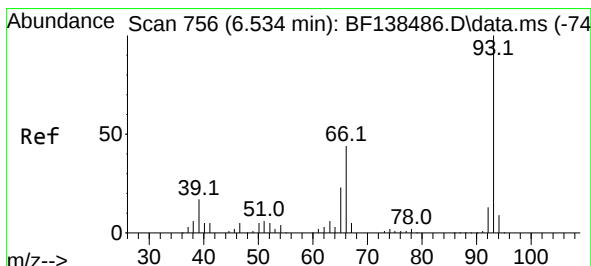
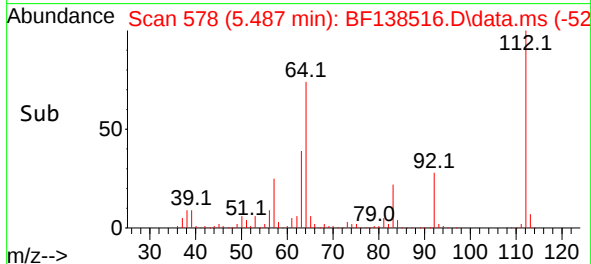
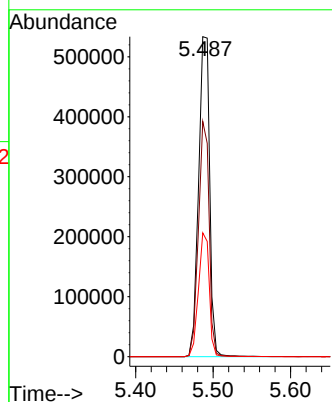
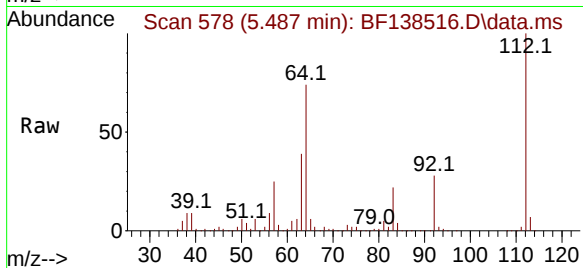




#5
2-Fluorophenol
Concen: 79.434 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

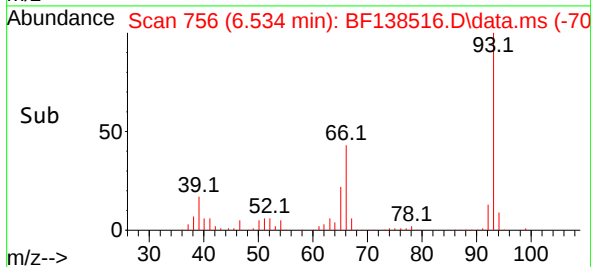
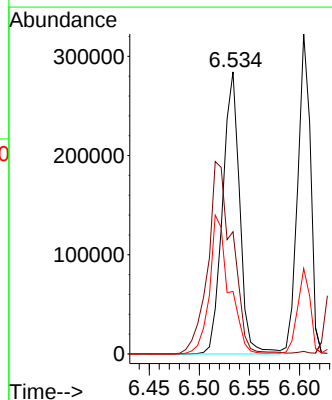
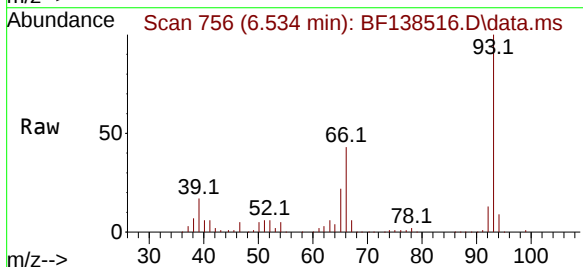
Instrument :
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Tgt Ion:112 Resp: 530688
Ion Ratio Lower Upper
112 100
64 73.5 55.1 82.7
63 38.7 29.0 43.6



#6
Aniline
Concen: 40.516 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion: 93 Resp: 337272
Ion Ratio Lower Upper
93 100
66 43.4 35.4 53.0
65 22.2 18.6 27.8

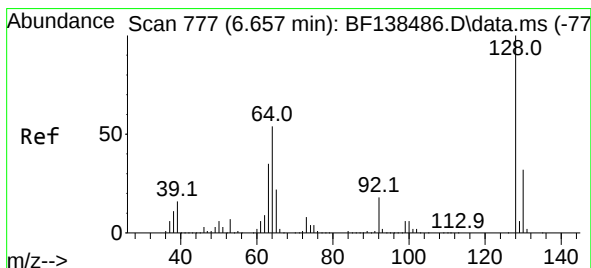
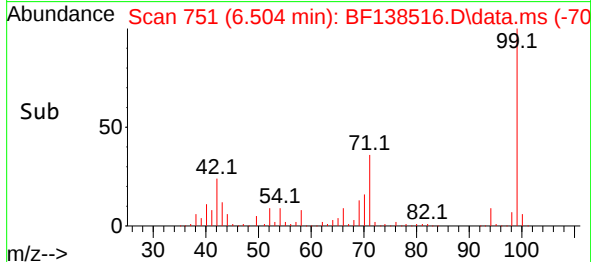
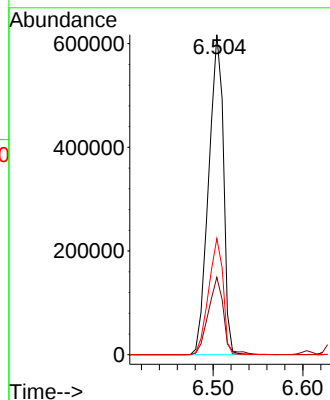
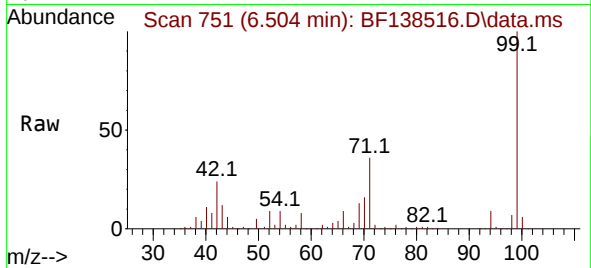




#7
Phenol-d6
Concen: 79.442 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

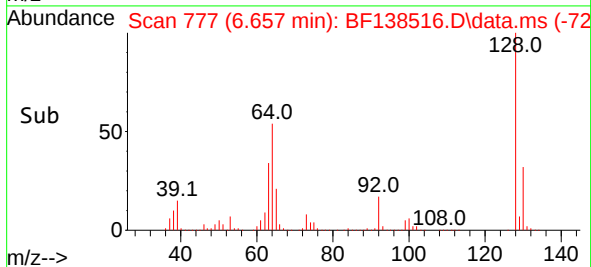
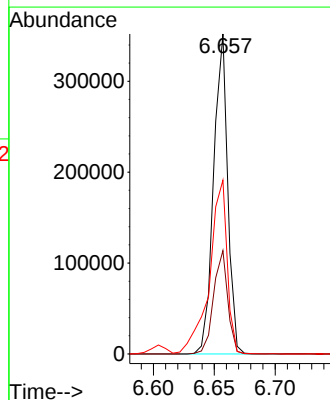
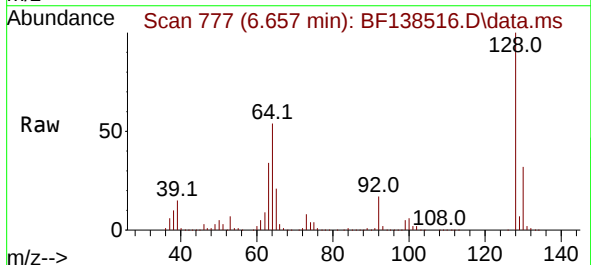
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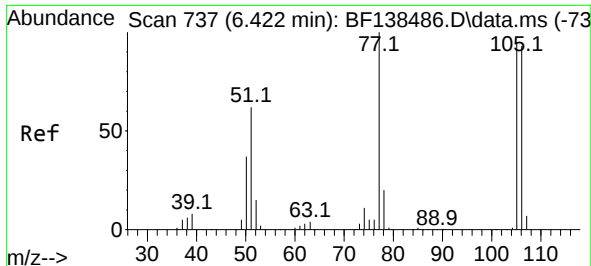
Tgt Ion: 99 Resp: 706042
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 36.3 29.9 44.9



#8
2-Chlorophenol
Concen: 40.217 ng
RT: 6.657 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:128 Resp: 284103
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 54.3 34.4 74.4





#9

Benzaldehyde

Concen: 34.137 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

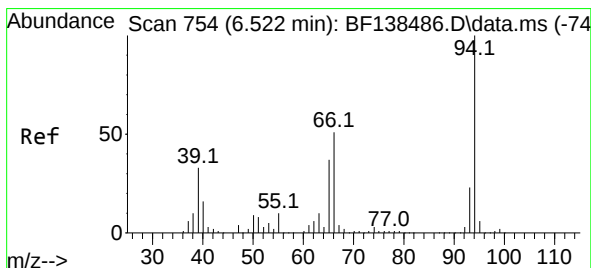
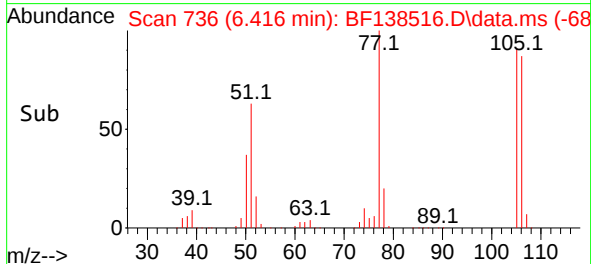
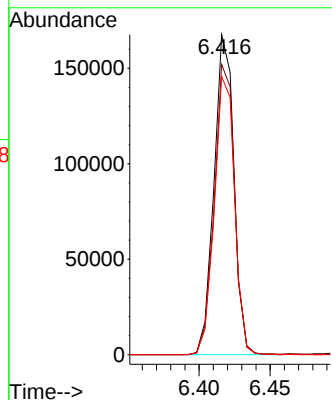
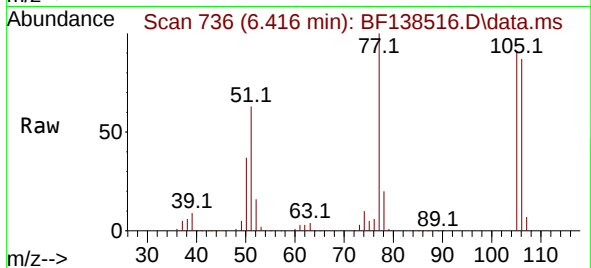
Tgt Ion: 77 Resp: 162392

Ion Ratio Lower Upper

77 100

105 90.7 75.1 115.1

106 86.9 73.2 113.2



#10

Phenol

Concen: 40.122 ng

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

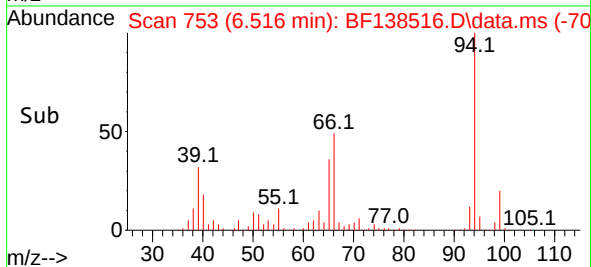
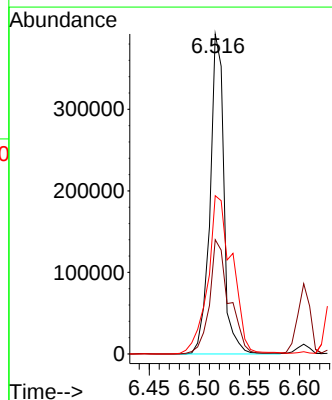
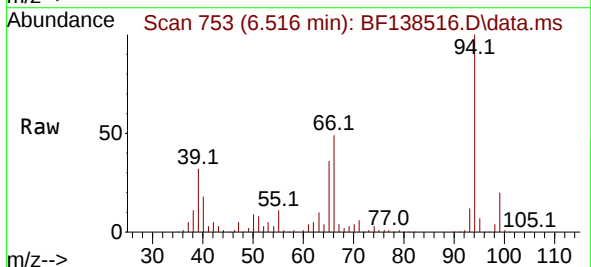
Tgt Ion: 94 Resp: 378497

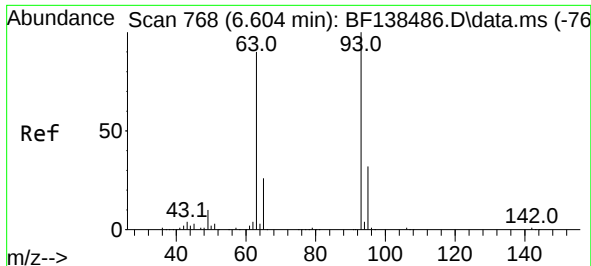
Ion Ratio Lower Upper

94 100

65 35.7 16.7 56.7

66 49.5 31.2 71.2

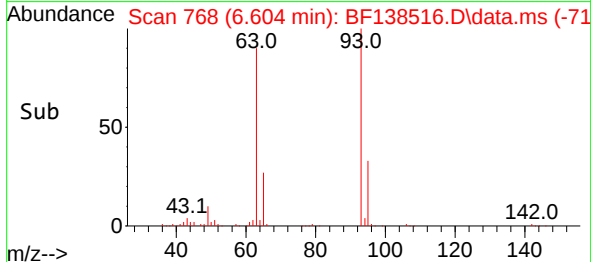
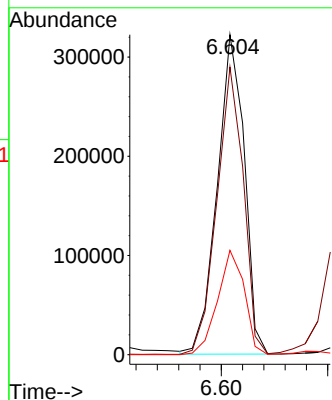
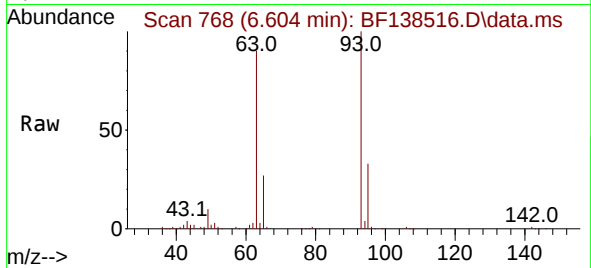




#11
bis(2-Chloroethyl)ether
Concen: 39.949 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

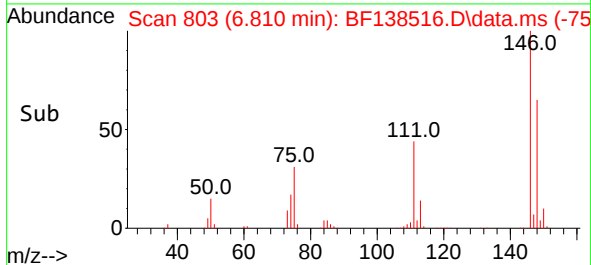
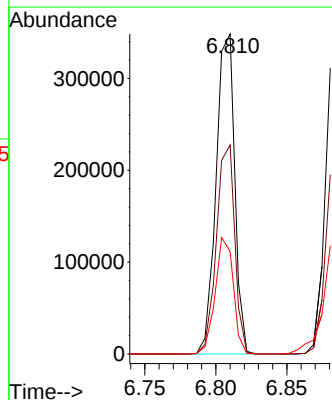
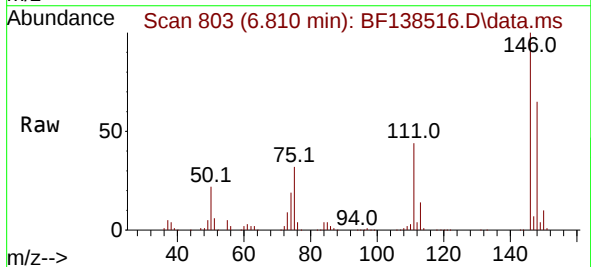
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

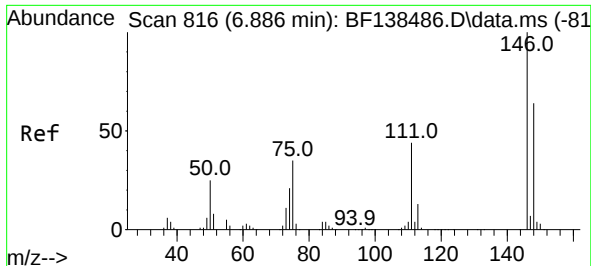
Tgt Ion: 93 Resp: 283737
Ion Ratio Lower Upper
93 100
63 89.9 68.8 108.8
95 32.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.857 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:146 Resp: 316486
Ion Ratio Lower Upper
146 100
148 65.3 52.4 78.6
75 32.0 27.8 41.8

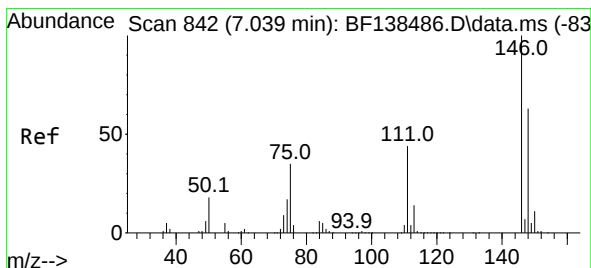
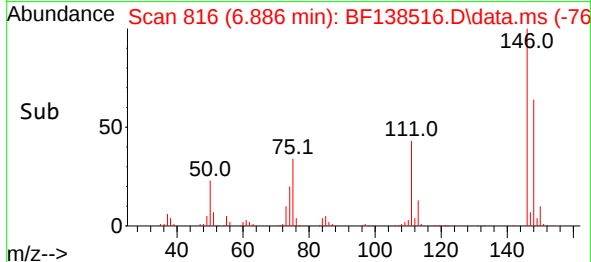
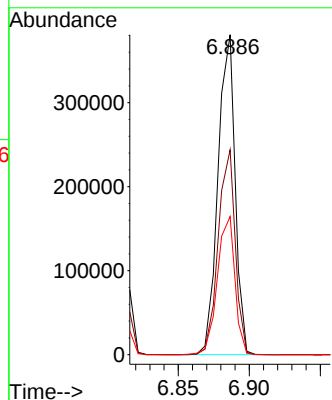
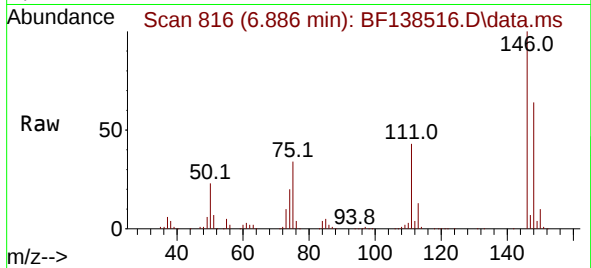




#13
1,4-Dichlorobenzene
Concen: 39.498 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

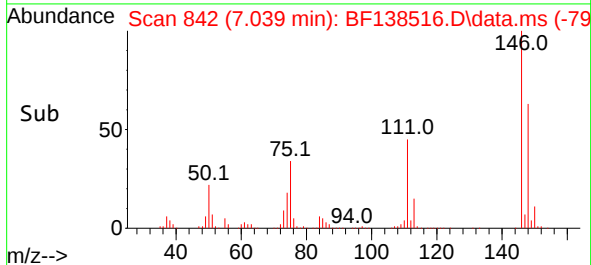
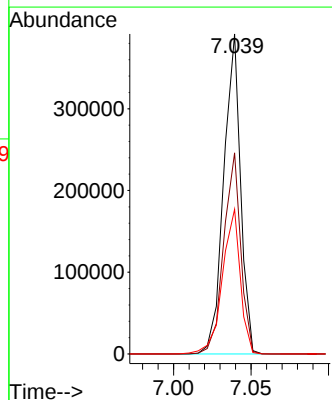
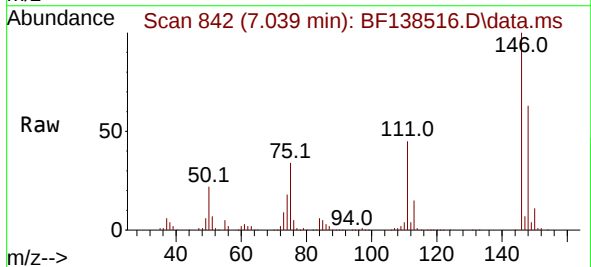
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 318496
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
111 43.2 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 39.381 ng
RT: 7.039 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:146 Resp: 295756
Ion Ratio Lower Upper
146 100
148 62.9 50.1 75.1
111 45.2 35.5 53.3

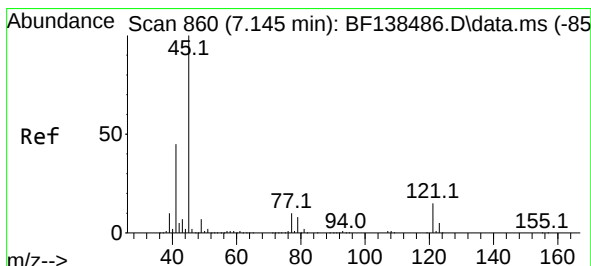
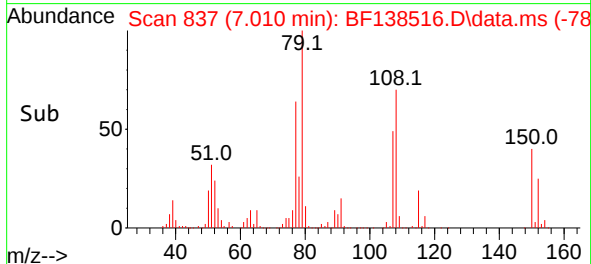
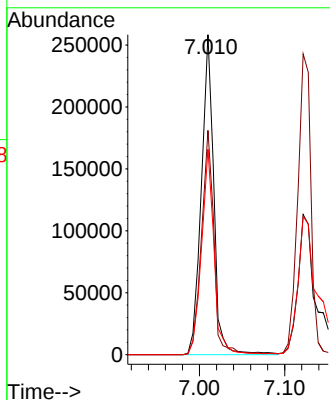
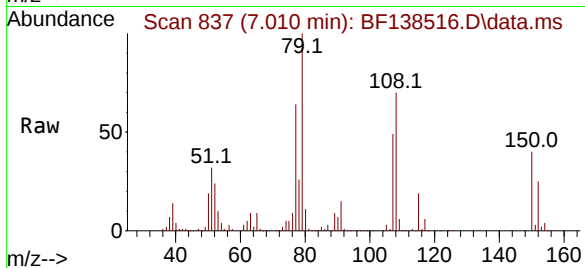




#15
Benzyl Alcohol
Concen: 39.241 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

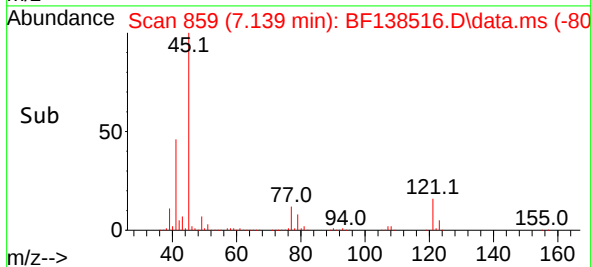
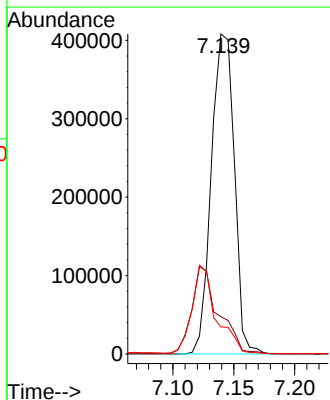
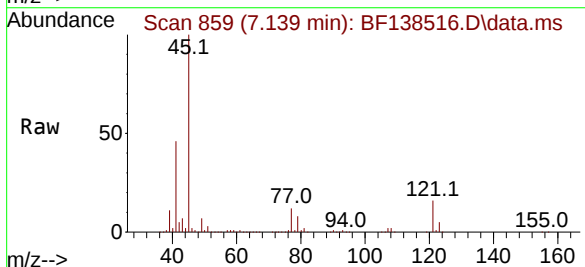
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

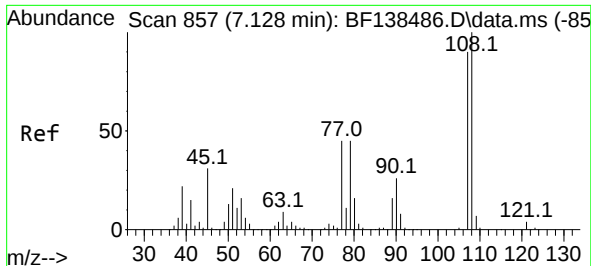
Tgt Ion: 79 Resp: 261733
Ion Ratio Lower Upper
79 100
108 70.1 54.3 81.5
77 64.2 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.473 ng
RT: 7.139 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion: 45 Resp: 537367
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.4
79 8.4 0.0 28.1

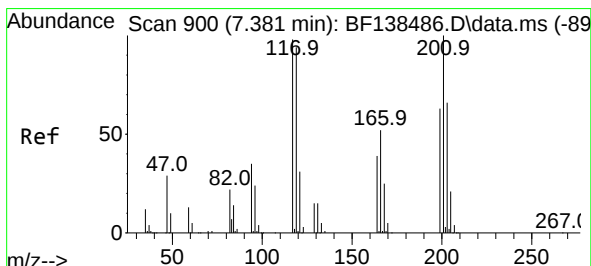
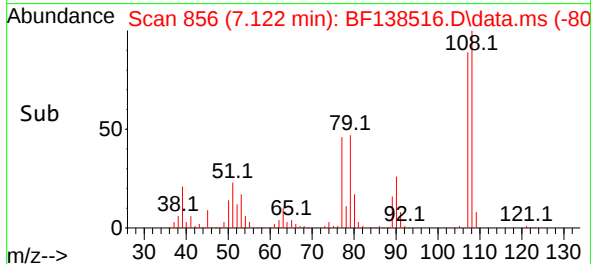
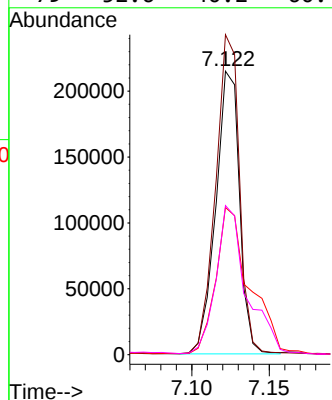
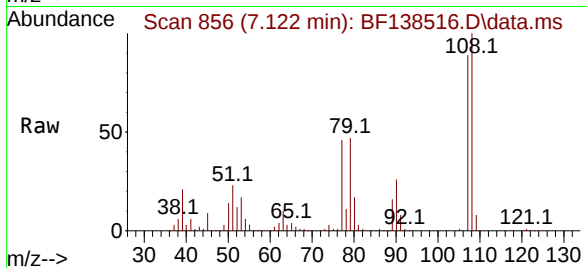




#17
2-Methylphenol
Concen: 39.498 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

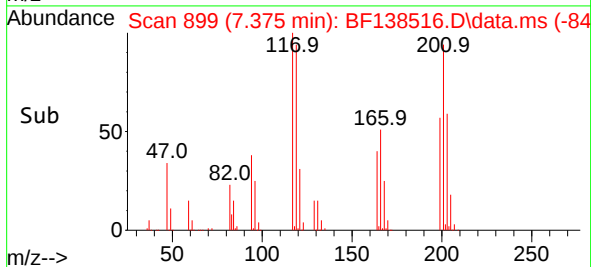
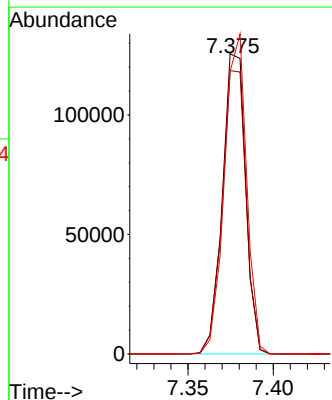
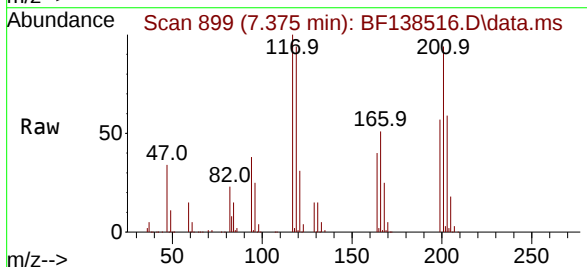
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

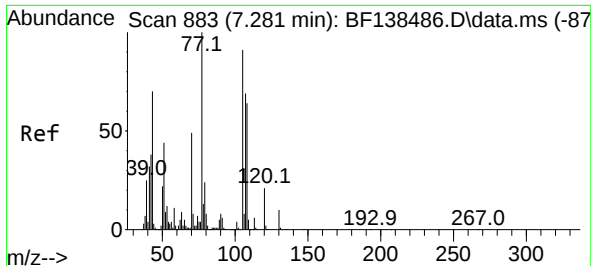
Tgt Ion:107 Resp: 228676
Ion Ratio Lower Upper
107 100
108 112.8 89.0 133.4
77 51.9 40.3 60.5
79 52.6 40.2 60.4



#18
Hexachloroethane
Concen: 40.426 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:117 Resp: 119838
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 94.1 81.4 122.0

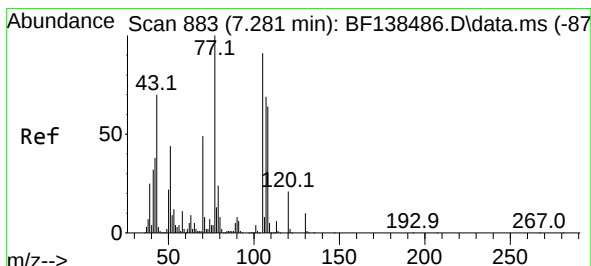
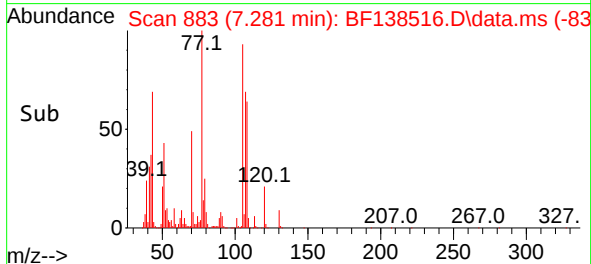
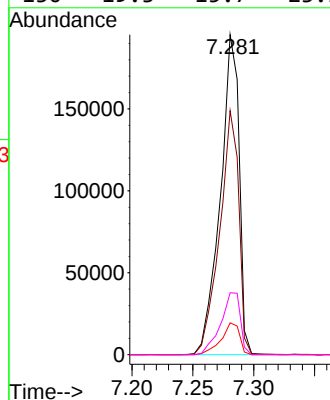
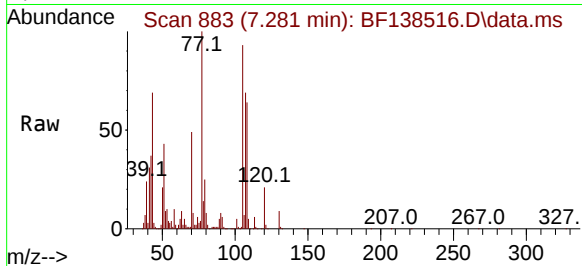




#19
n-Nitroso-di-n-propylamine
Concen: 38.313 ng
RT: 7.281 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

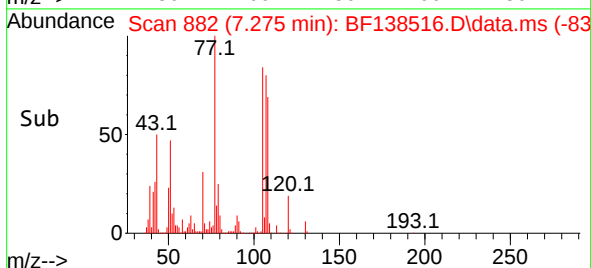
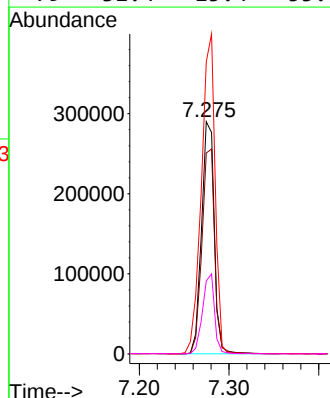
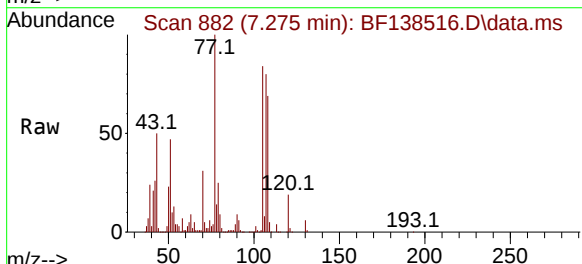
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

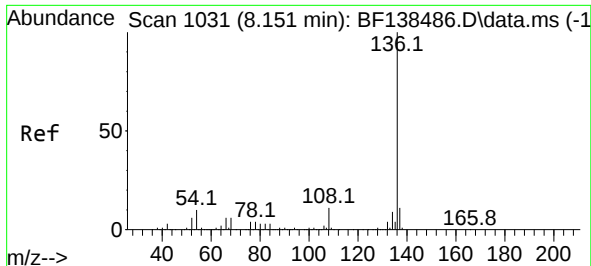
Tgt Ion: 70 Resp: 210397
Ion Ratio Lower Upper
70 100
42 76.2 62.4 93.6
101 10.0 7.2 10.8
130 19.3 15.7 23.5



#20
3+4-Methylphenols
Concen: 39.078 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion: 107 Resp: 284901
Ion Ratio Lower Upper
107 100
108 86.5 73.7 113.7
77 125.7 126.0 166.0#
79 31.4 15.4 55.4

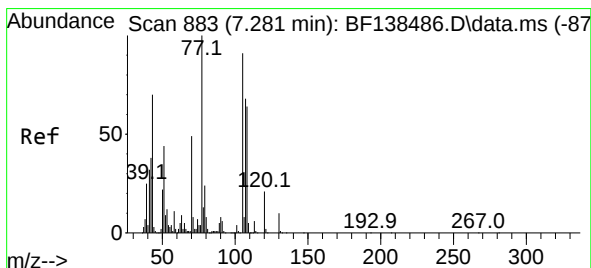
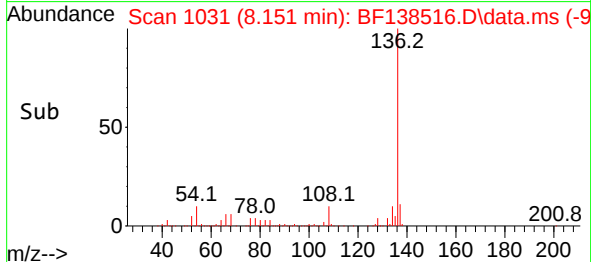
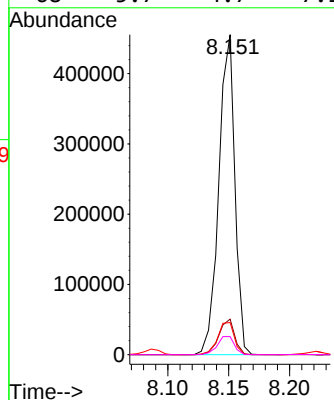
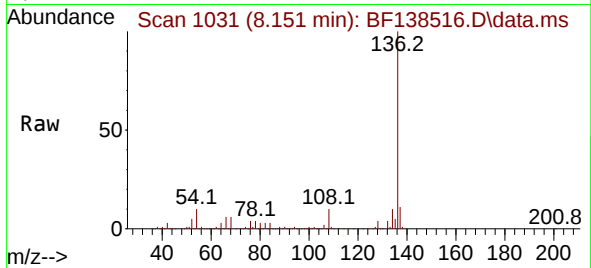




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

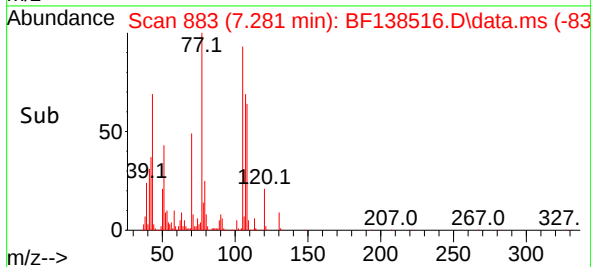
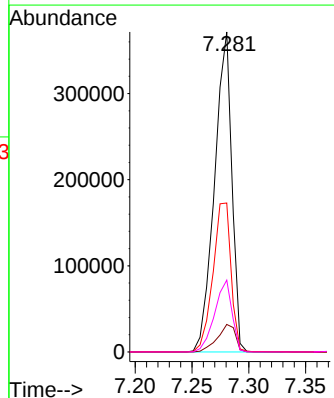
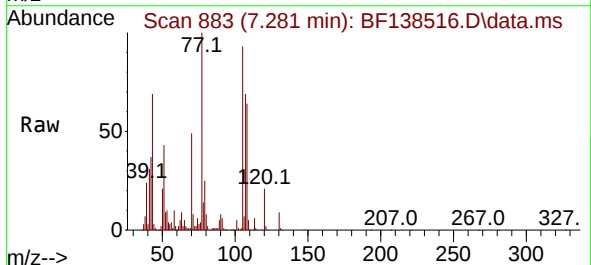
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	418460
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.0	8.1	12.1
68	5.7	4.7	7.1



#22
Acetophenone
Concen: 38.767 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:	105	Resp:	393992
Ion	Ratio	Lower	Upper
105	100		
71	8.6	7.4	11.2
51	46.5	38.7	58.1
120	22.4	18.2	27.2





#23

Nitrobenzene-d5

Concen: 78.794 ng

RT: 7.433 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

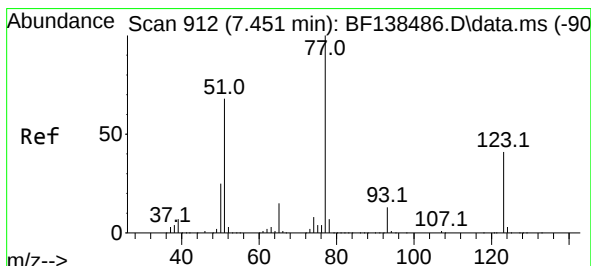
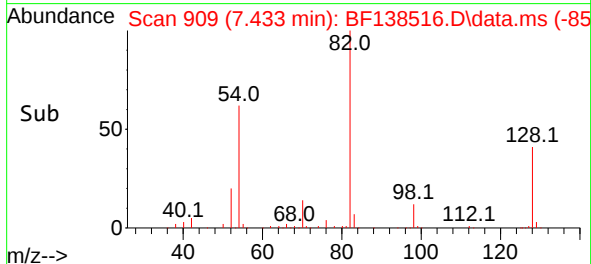
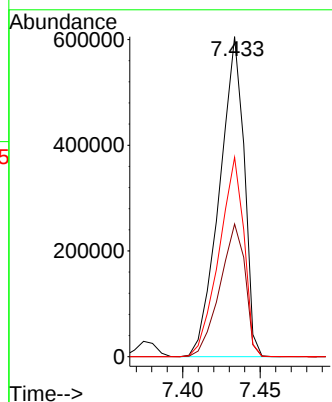
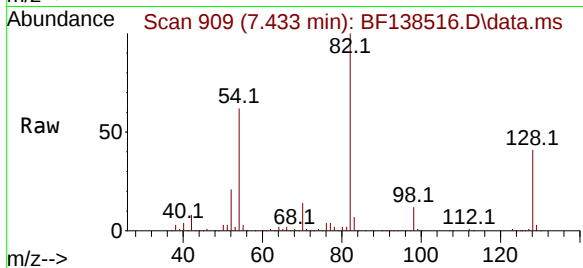
Tgt Ion: 82 Resp: 671562

Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 62.3 51.4 77.0



#24

Nitrobenzene

Concen: 39.805 ng

RT: 7.451 min Scan# 912

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

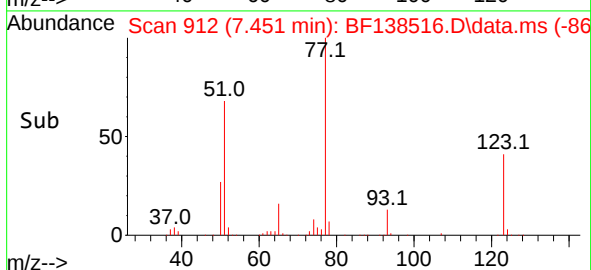
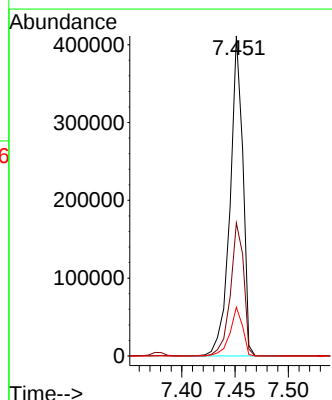
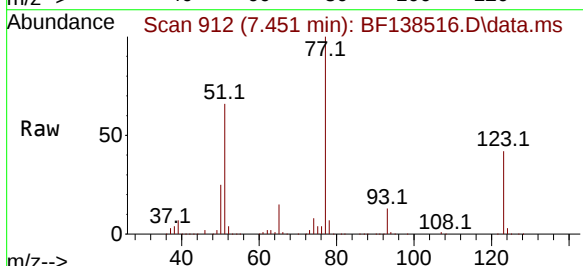
Tgt Ion: 77 Resp: 344763

Ion Ratio Lower Upper

77 100

123 41.6 32.4 48.6

65 15.3 11.8 17.8

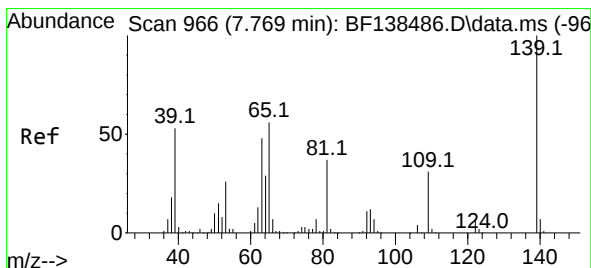
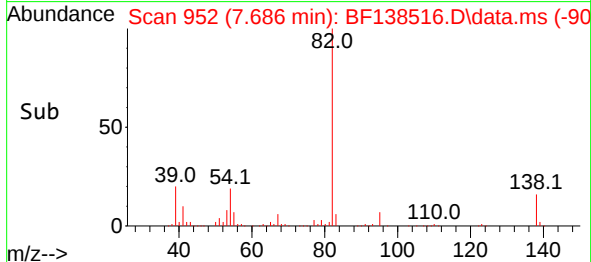
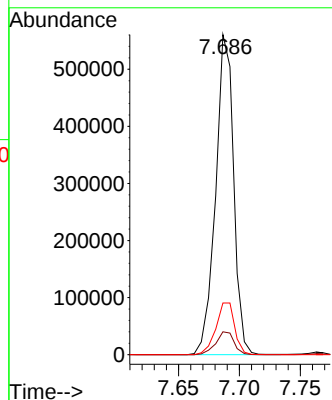
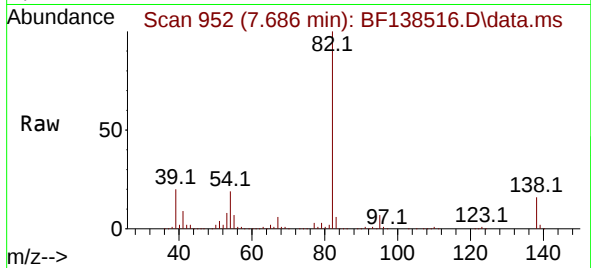




#25
Isophorone
Concen: 39.521 ng
RT: 7.686 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

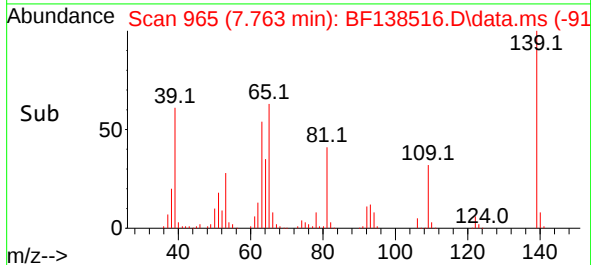
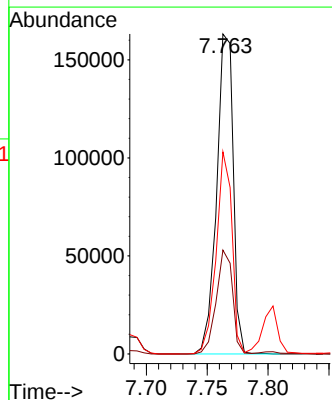
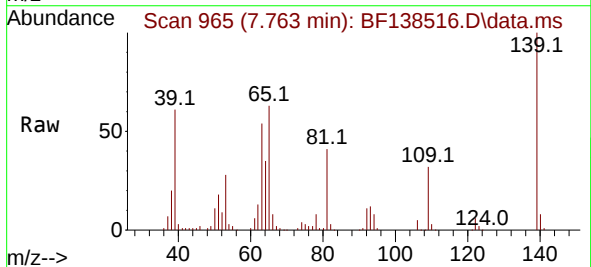
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

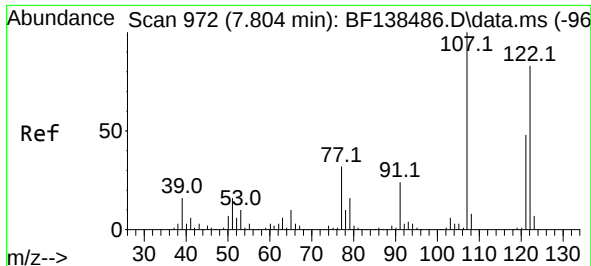
Tgt Ion: 82 Resp: 578452
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 16.2 12.8 19.2



#26
2-Nitrophenol
Concen: 41.693 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:139 Resp: 154775
Ion Ratio Lower Upper
139 100
109 32.5 24.8 37.2
65 63.2 45.1 67.7

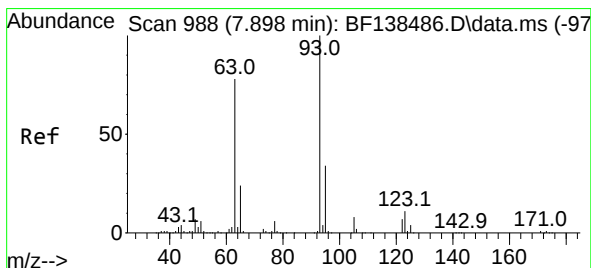
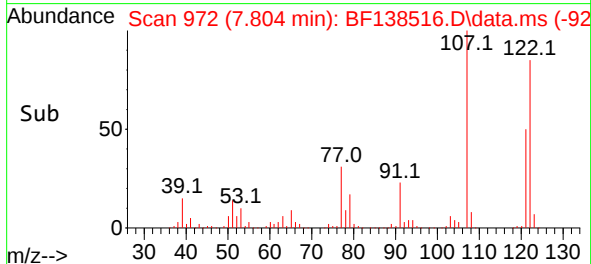
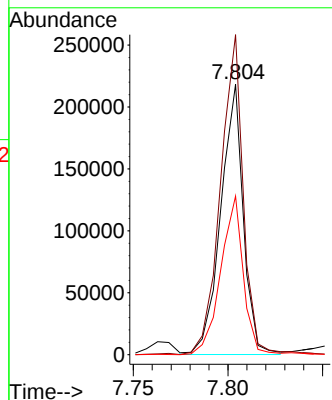
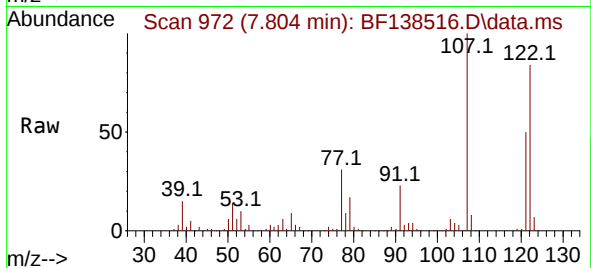




#27
2,4-Dimethylphenol
Concen: 39.663 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

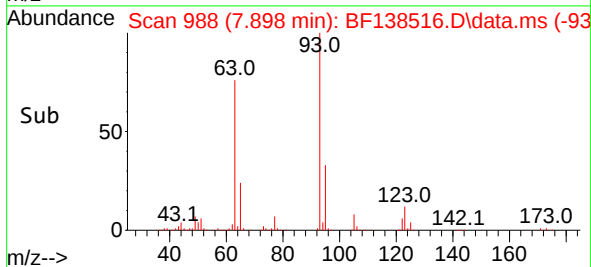
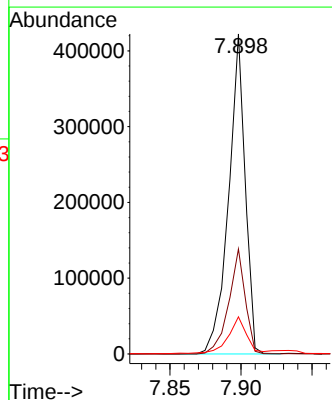
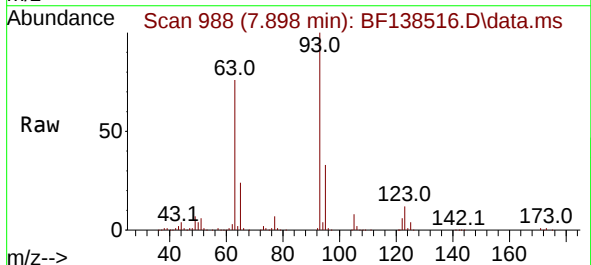
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

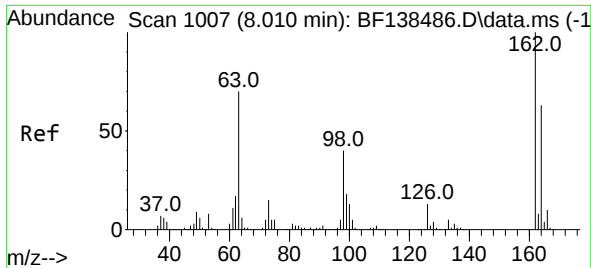
Tgt Ion:122 Resp: 180964
Ion Ratio Lower Upper
122 100
107 118.3 96.3 144.5
121 58.7 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.157 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion: 93 Resp: 342524
Ion Ratio Lower Upper
93 100
95 32.8 27.0 40.6
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.874 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

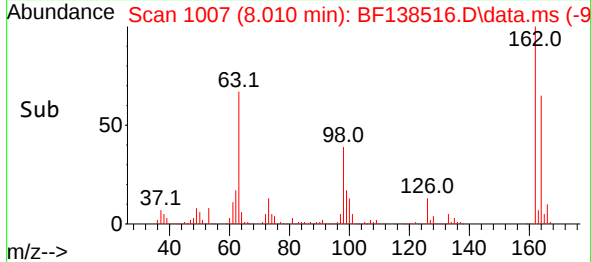
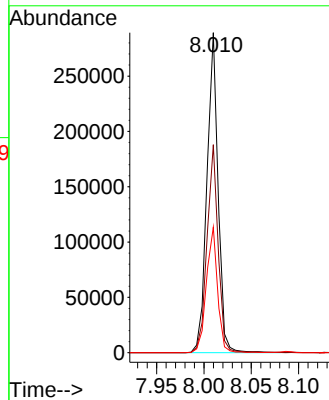
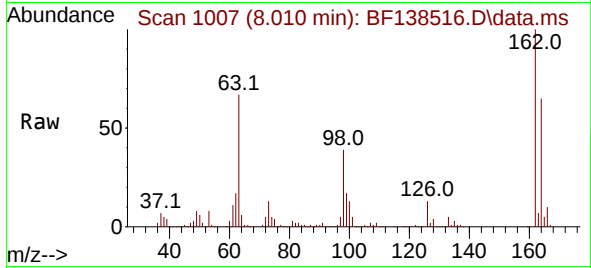
Tgt Ion:162 Resp: 236245

Ion Ratio Lower Upper

162 100

164 65.0 42.6 82.6

98 39.2 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 39.521 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

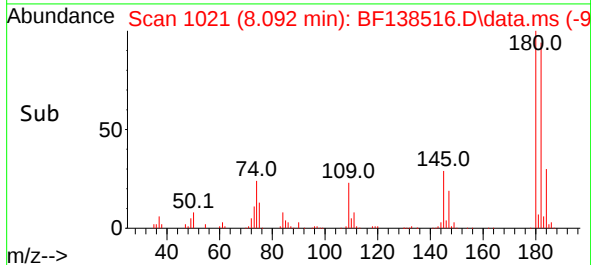
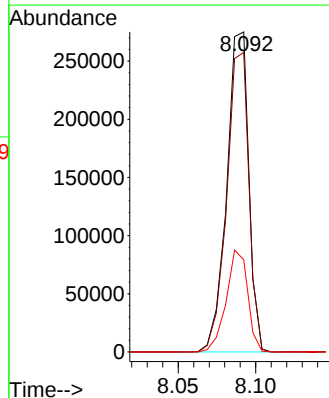
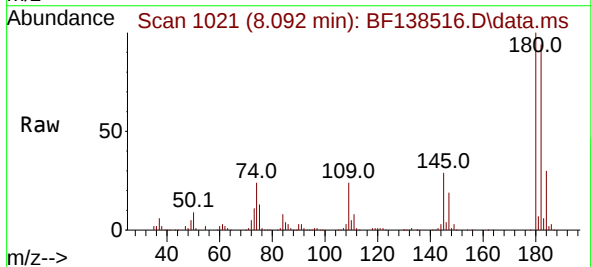
Tgt Ion:180 Resp: 272778

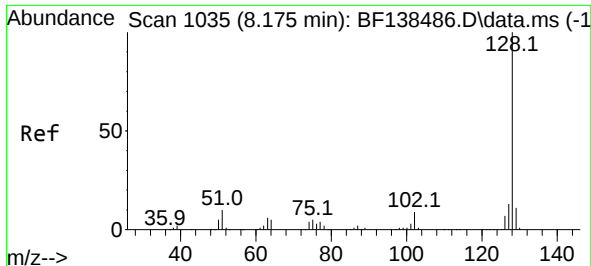
Ion Ratio Lower Upper

180 100

182 93.6 76.9 115.3

145 28.8 23.9 35.9

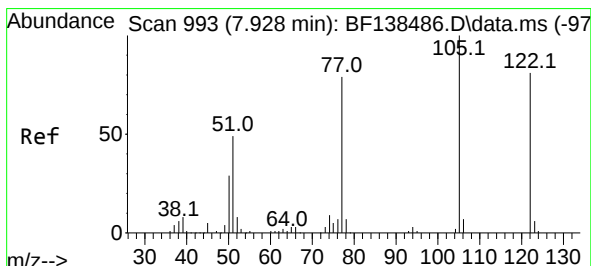
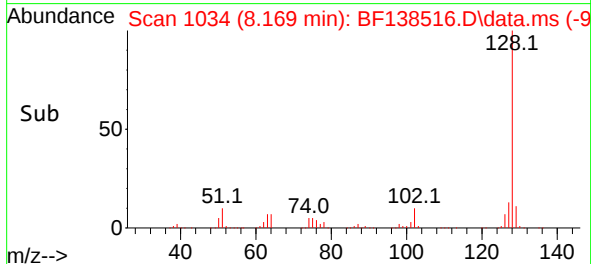
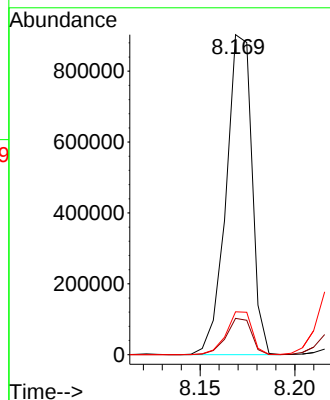
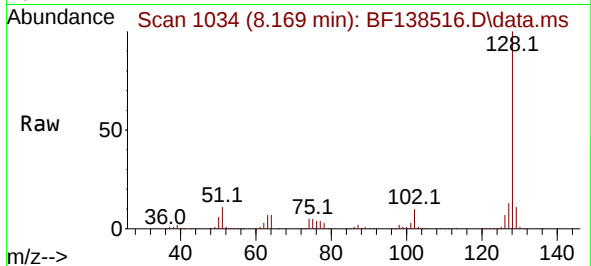




#31
Naphthalene
Concen: 39.261 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

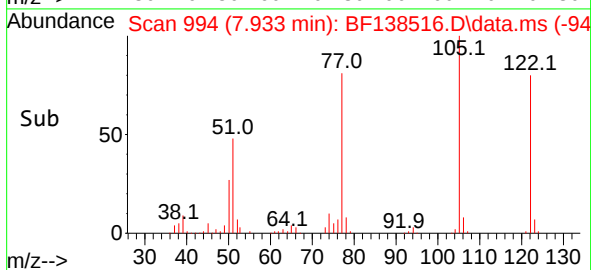
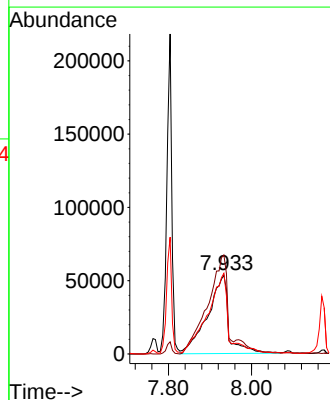
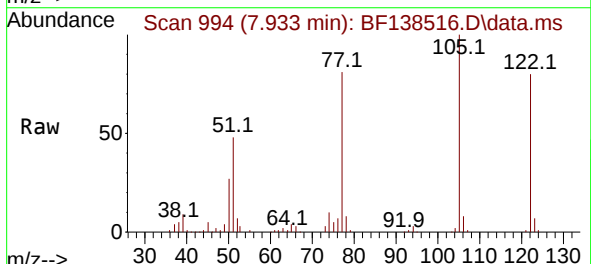
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

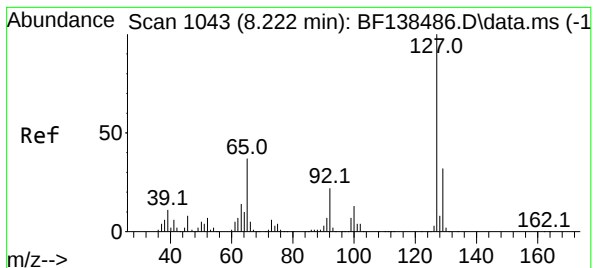
Tgt Ion:128 Resp: 854443
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 43.249 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:122 Resp: 188201
Ion Ratio Lower Upper
122 100
105 125.8 101.5 141.5
77 102.4 77.3 117.3





#33

4-Chloroaniline

Concen: 38.445 ng

RT: 8.222 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 293570

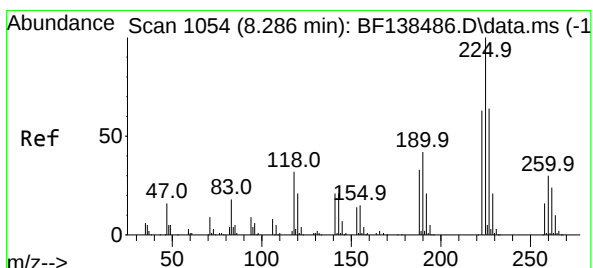
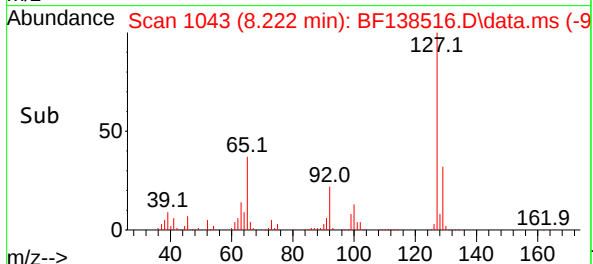
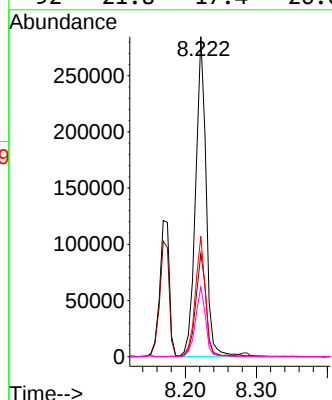
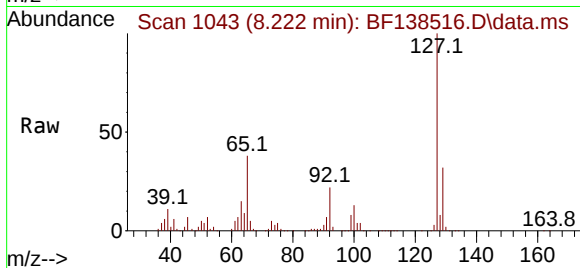
Ion Ratio Lower Upper

127 100

129 32.2 25.6 38.4

65 37.6 29.6 44.4

92 21.8 17.4 26.0



#34

Hexachlorobutadiene

Concen: 39.955 ng

RT: 8.286 min Scan# 1054

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

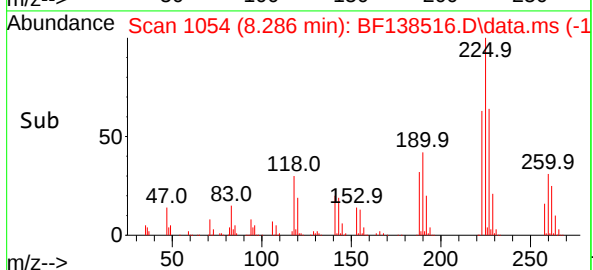
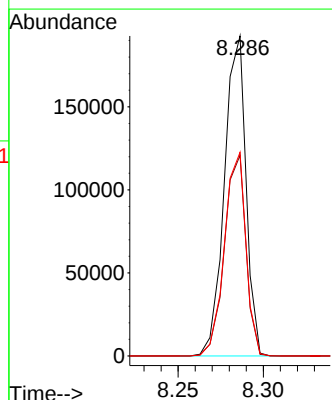
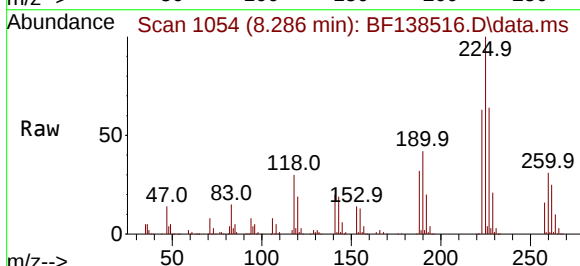
Tgt Ion:225 Resp: 169816

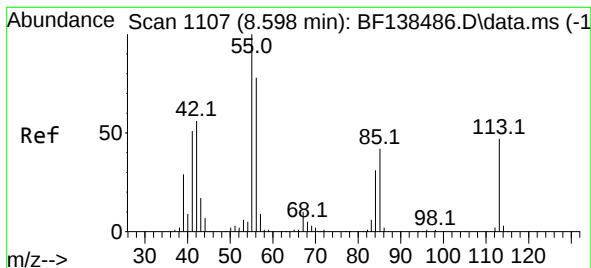
Ion Ratio Lower Upper

225 100

223 62.7 50.0 75.0

227 63.7 51.0 76.6





#35

Caprolactam

Concen: 40.235 ng

RT: 8.604 min Scan# 1108

Delta R.T. 0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

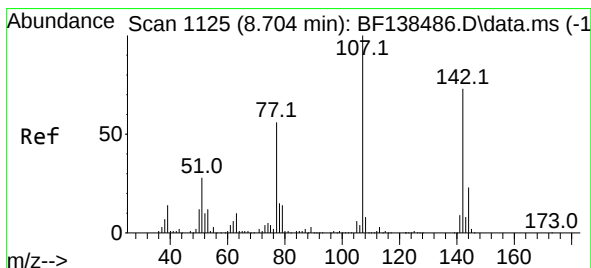
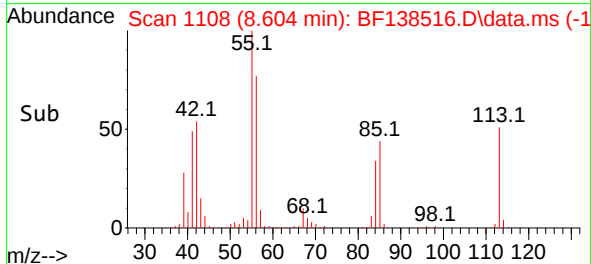
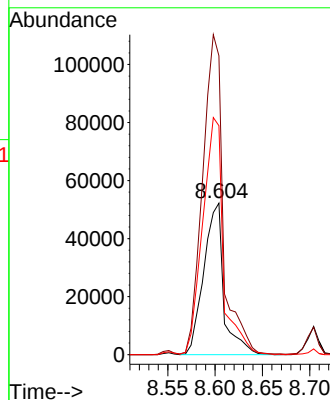
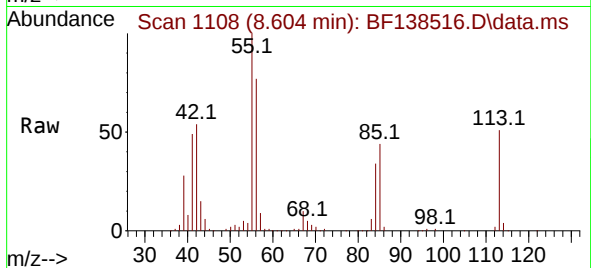
Tgt Ion:113 Resp: 76925

Ion Ratio Lower Upper

113 100

55 197.3 192.5 232.5

56 151.1 145.3 185.3



#36

4-Chloro-3-methylphenol

Concen: 39.739 ng

RT: 8.704 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

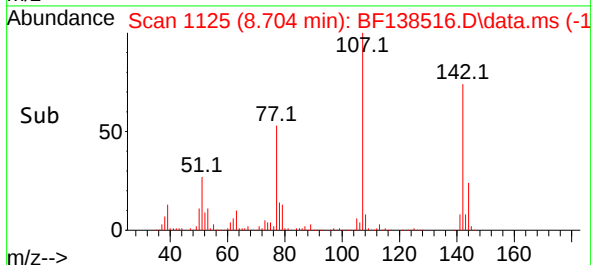
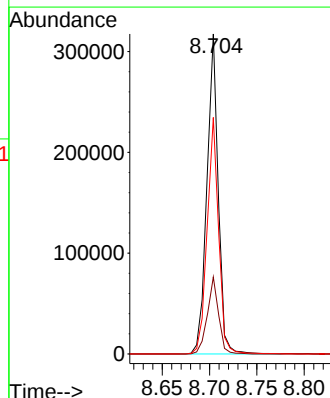
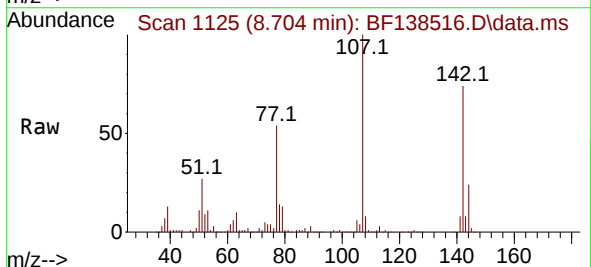
Tgt Ion:107 Resp: 263589

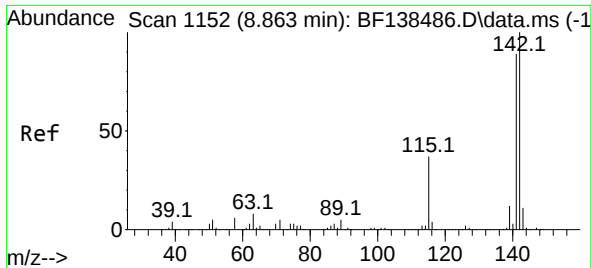
Ion Ratio Lower Upper

107 100

144 24.0 18.6 27.8

142 73.9 58.6 88.0

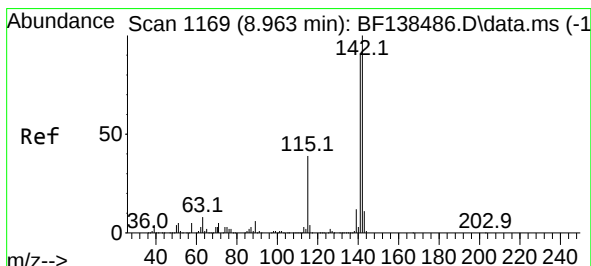
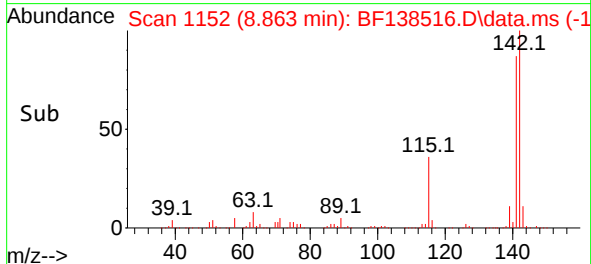
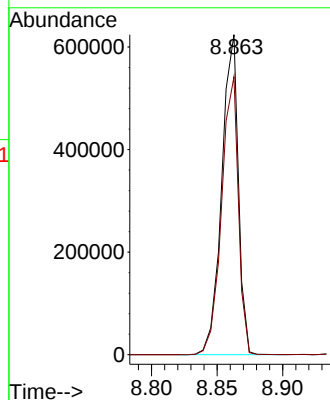
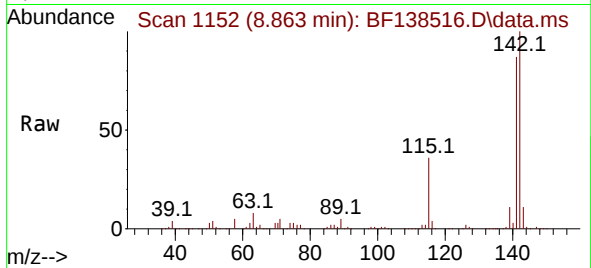




#37
2-Methylnaphthalene
Concen: 39.163 ng
RT: 8.863 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

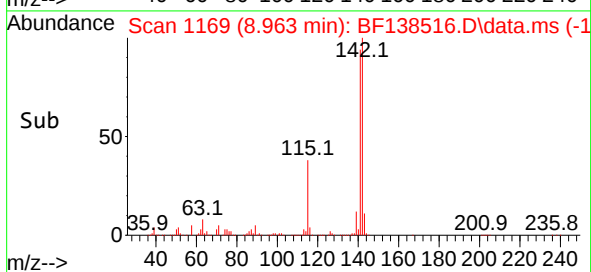
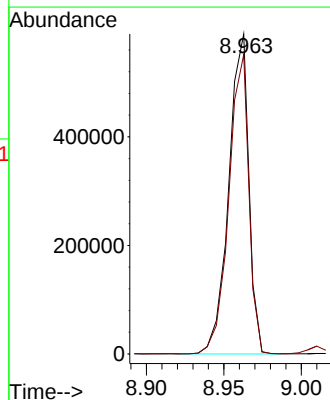
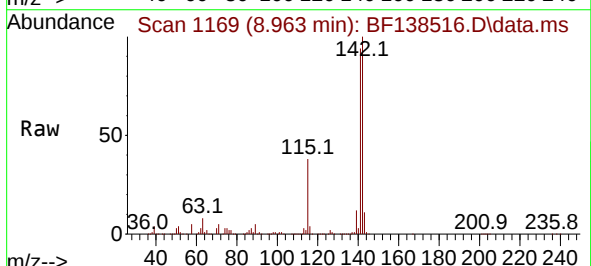
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 548485
Ion Ratio Lower Upper
142 100
141 86.8 71.4 107.0



#38
1-Methylnaphthalene
Concen: 38.825 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:142 Resp: 530677
Ion Ratio Lower Upper
142 100
141 93.5 72.6 108.8

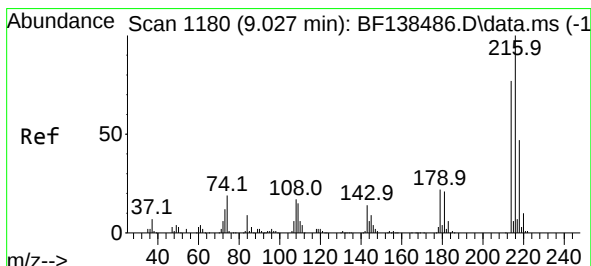
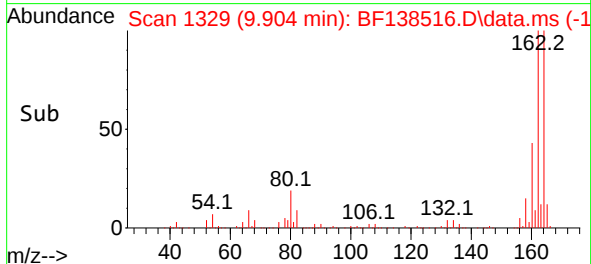
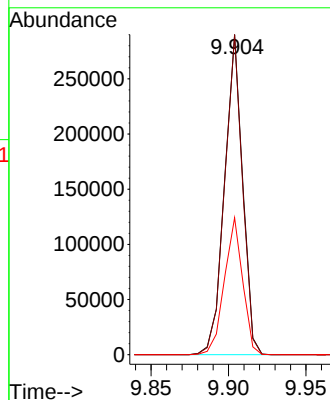
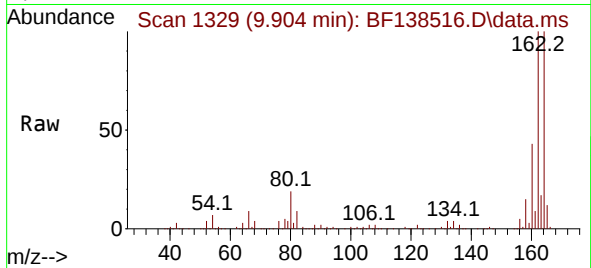




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

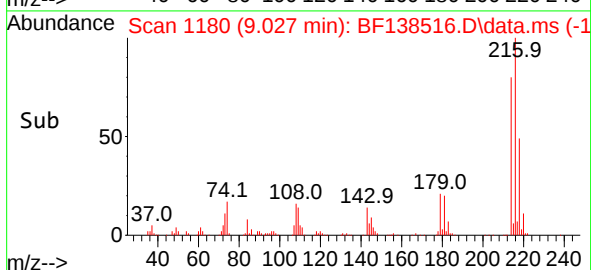
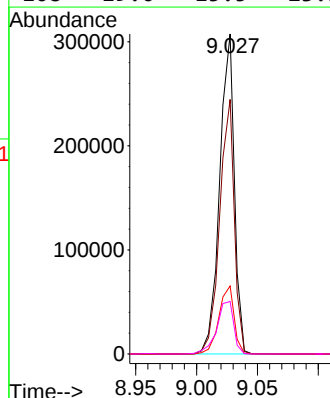
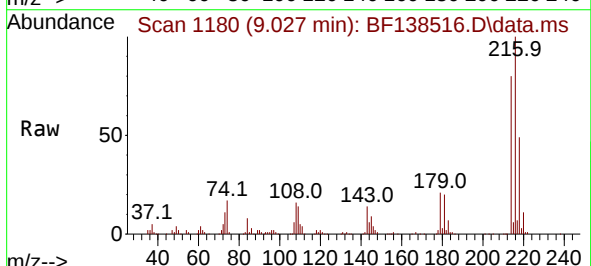
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 235364
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 42.8 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.351 ng
RT: 9.027 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:216 Resp: 258134
Ion Ratio Lower Upper
216 100
214 79.3 62.8 94.2
179 22.0 17.7 26.5
108 19.0 15.5 23.3

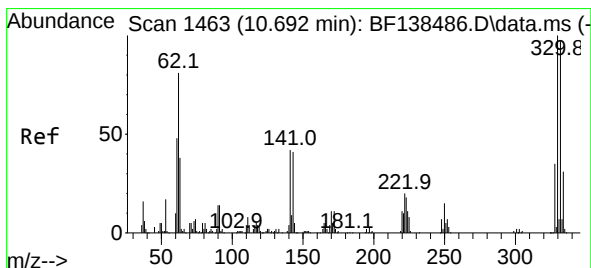
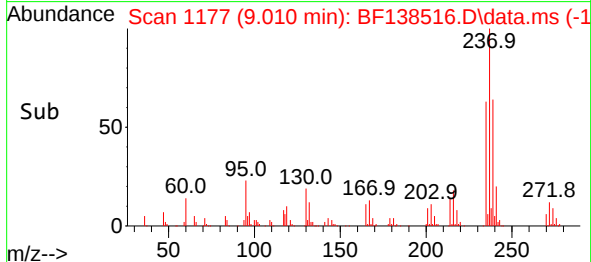
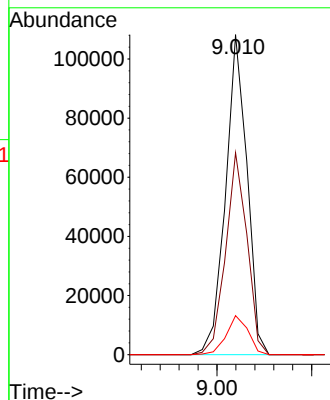
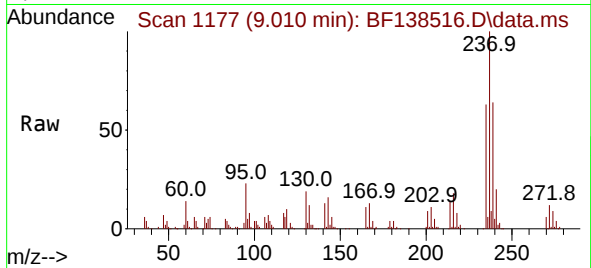




#41
Hexachlorocyclopentadiene
Concen: 39.939 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

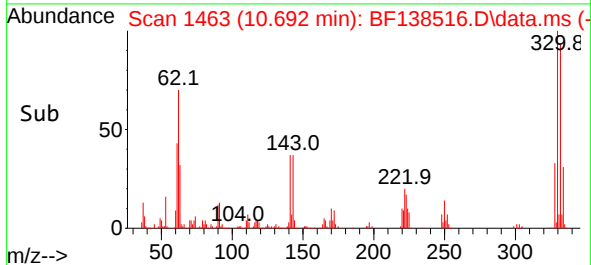
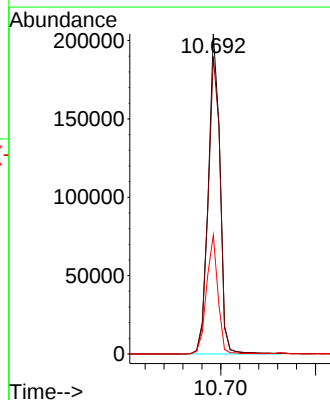
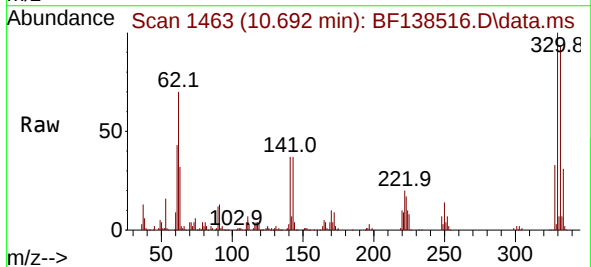
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

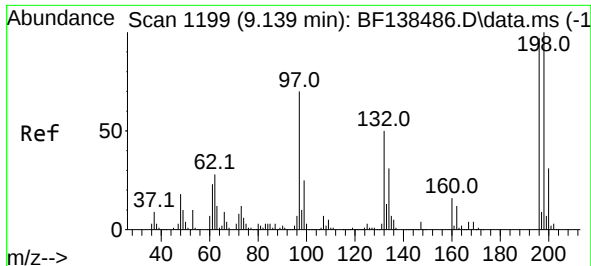
Tgt Ion:237 Resp: 85038
Ion Ratio Lower Upper
237 100
235 63.1 43.3 83.3
272 12.2 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 79.142 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

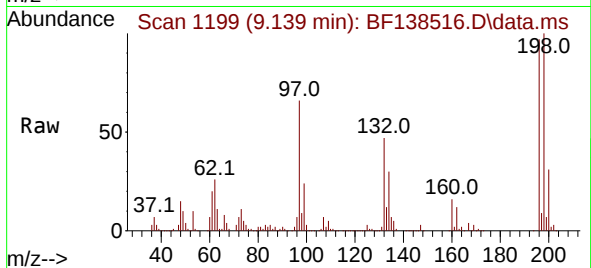
Tgt Ion:330 Resp: 174090
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 36.2 29.4 44.2



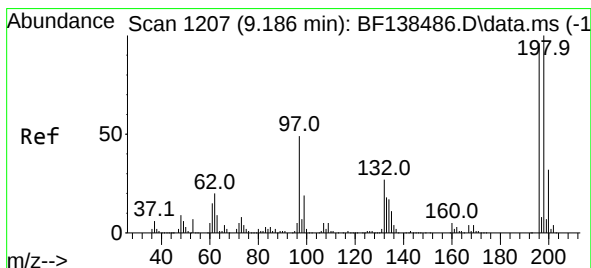
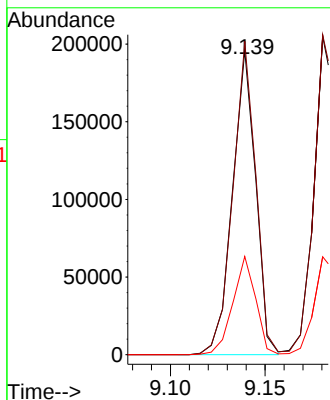
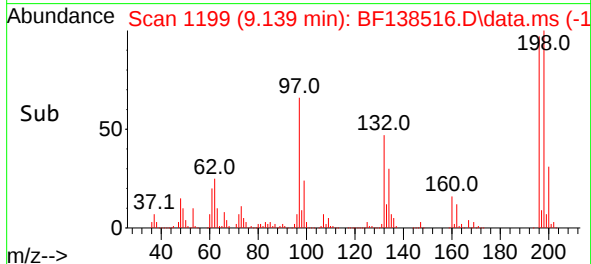


#43
2,4,6-Trichlorophenol
Concen: 39.746 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

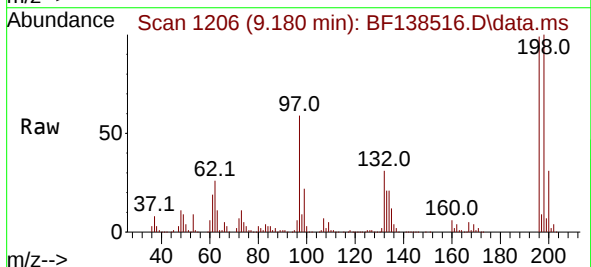
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



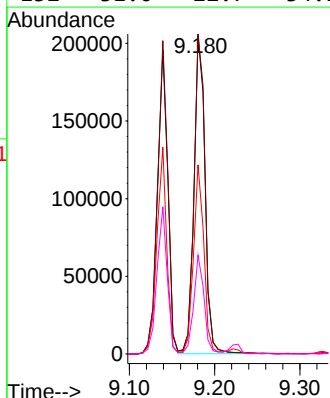
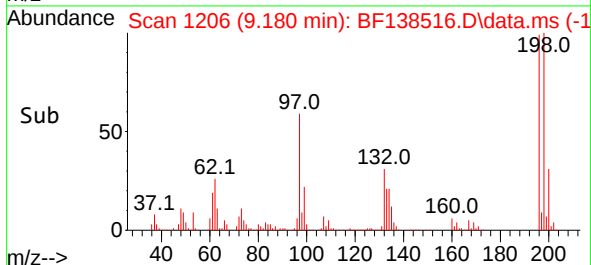
Tgt Ion:196 Resp: 166309
Ion Ratio Lower Upper
196 100
198 103.0 82.3 123.5
200 32.3 25.8 38.6

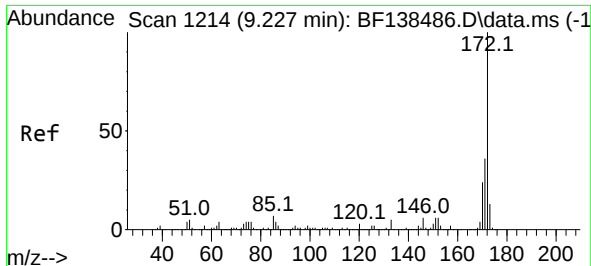


#44
2,4,5-Trichlorophenol
Concen: 40.082 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27



Tgt Ion:196 Resp: 184469
Ion Ratio Lower Upper
196 100
198 100.5 82.8 124.2
97 59.4 41.0 61.4
132 31.0 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 76.754 ng

RT: 9.227 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

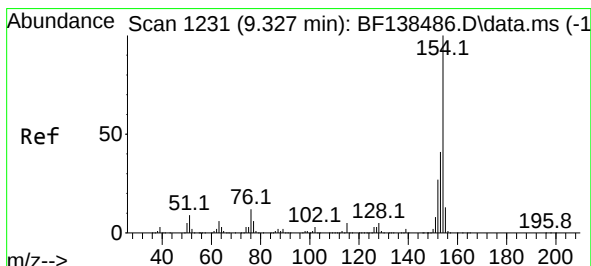
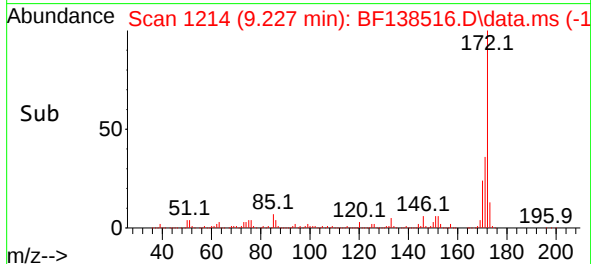
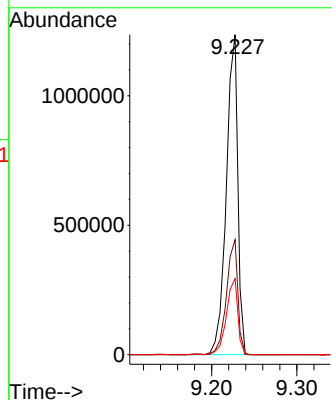
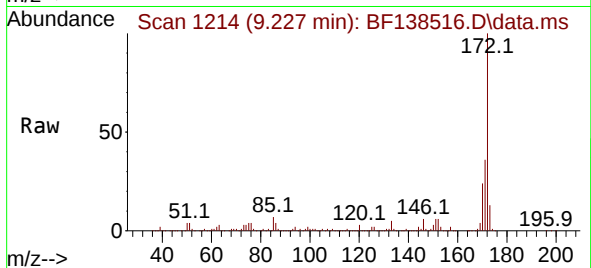
Tgt Ion:172 Resp: 1155861

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.8 18.9 28.3



#46

1,1'-Biphenyl

Concen: 38.861 ng

RT: 9.327 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

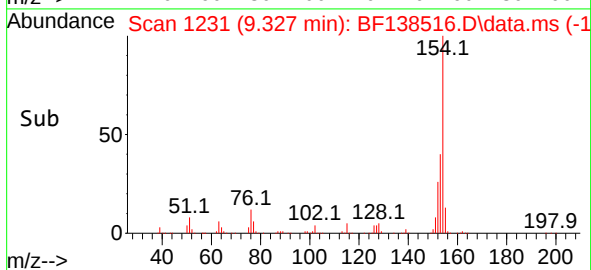
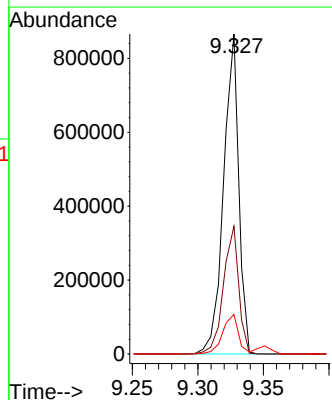
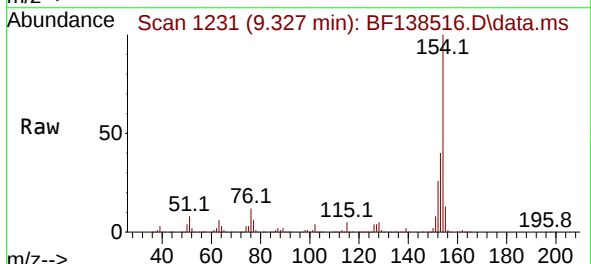
Tgt Ion:154 Resp: 693159

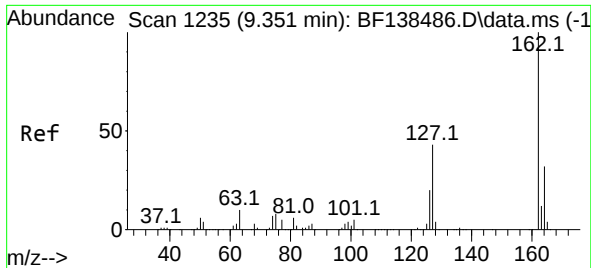
Ion Ratio Lower Upper

154 100

153 39.9 20.7 60.7

76 12.4 0.0 32.2





#47

2-Chloronaphthalene

Concen: 38.888 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

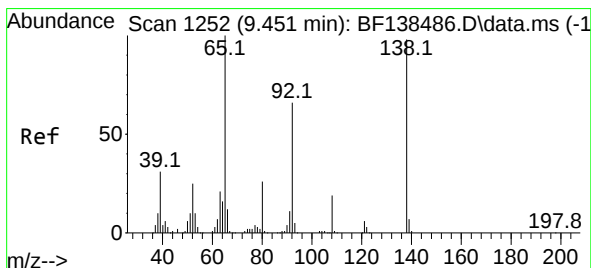
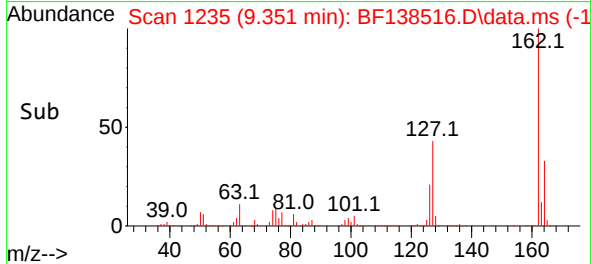
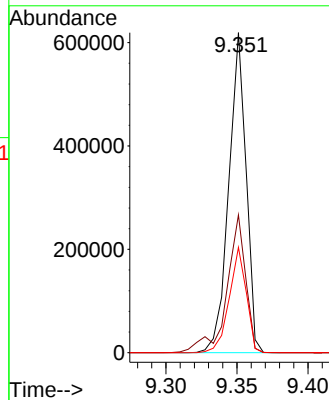
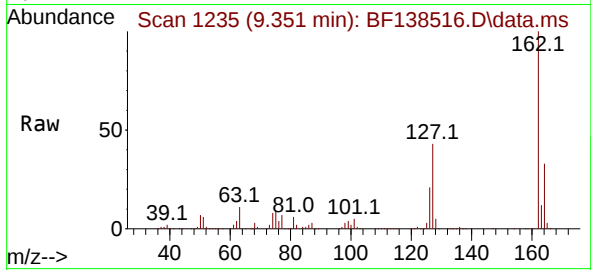
Tgt Ion:162 Resp: 524015

Ion Ratio Lower Upper

162 100

127 43.1 34.8 52.2

164 32.9 25.6 38.4



#48

2-Nitroaniline

Concen: 40.066 ng

RT: 9.451 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

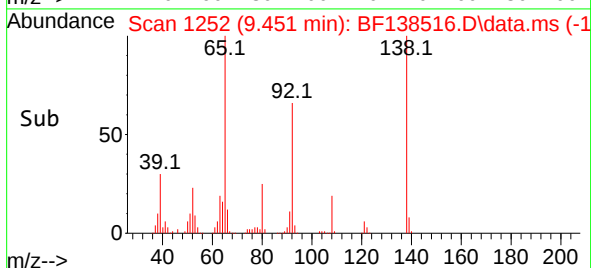
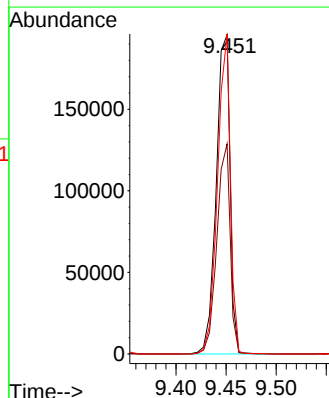
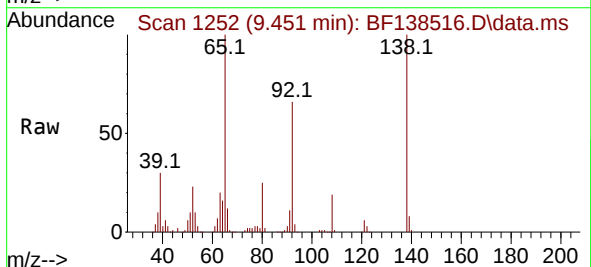
Tgt Ion: 65 Resp: 187089

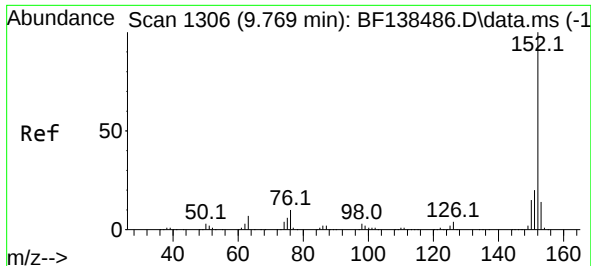
Ion Ratio Lower Upper

65 100

92 65.8 52.6 78.8

138 100.3 78.6 118.0





#49

Acenaphthylene

Concen: 38.841 ng

RT: 9.769 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

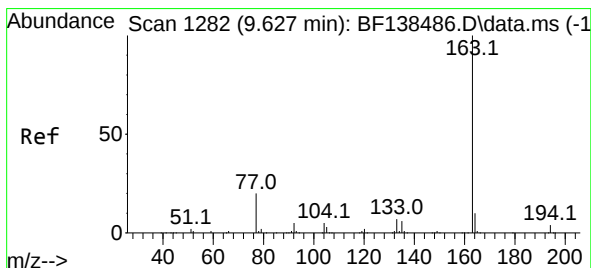
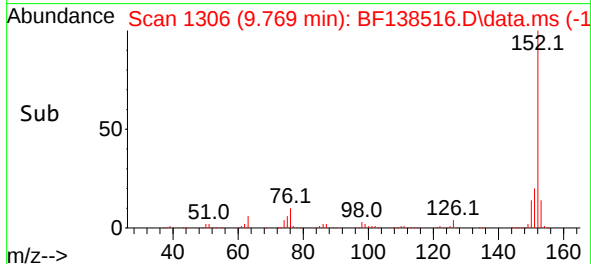
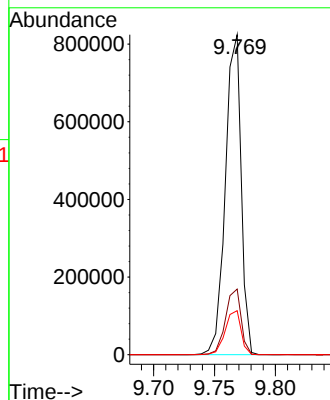
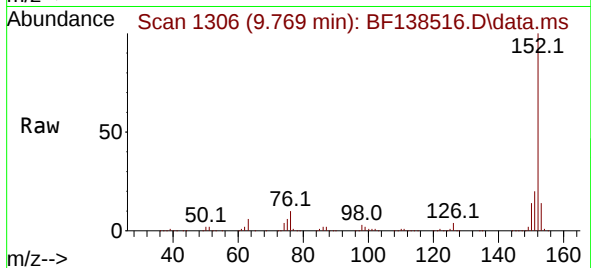
Tgt Ion:152 Resp: 743090

Ion Ratio Lower Upper

152 100

151 20.5 16.3 24.5

153 13.7 11.3 16.9



#50

Dimethylphthalate

Concen: 38.939 ng

RT: 9.627 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

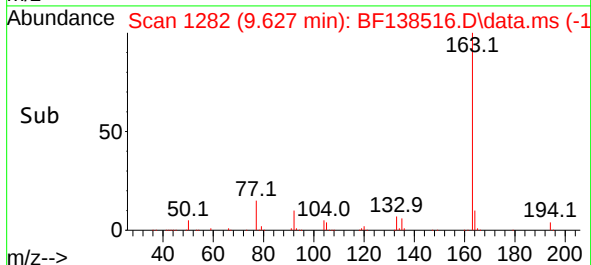
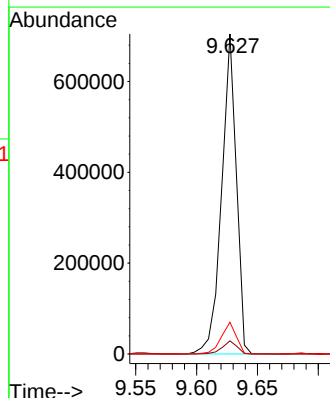
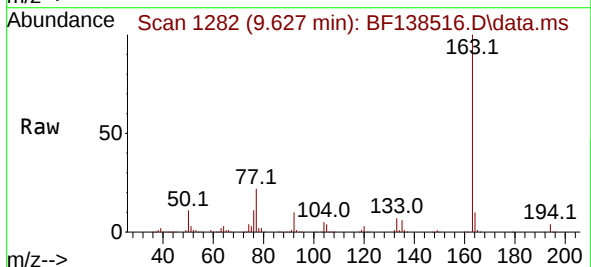
Tgt Ion:163 Resp: 592613

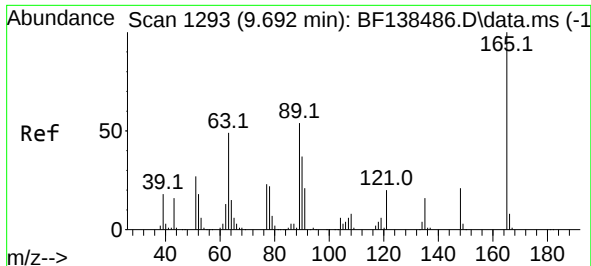
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 9.9 8.1 12.1

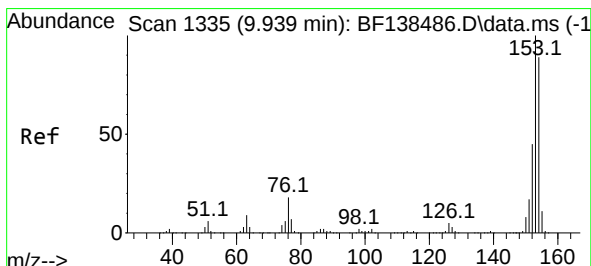
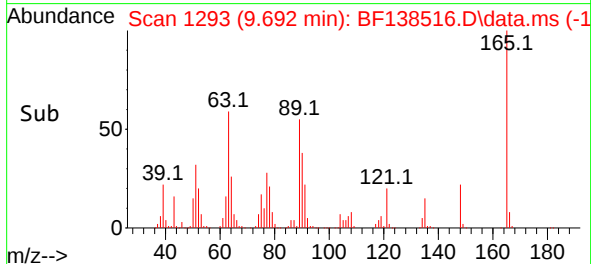
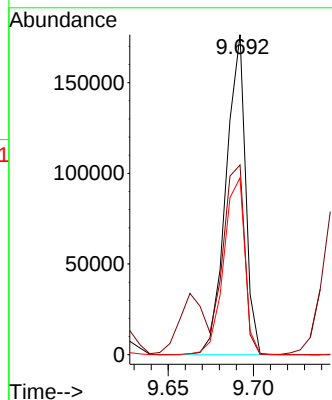
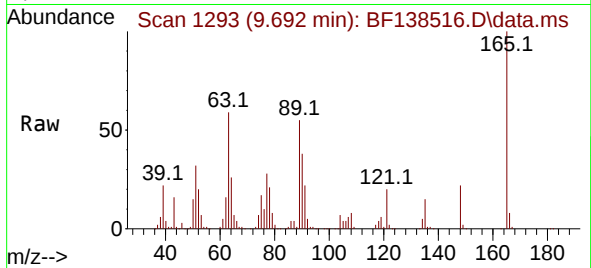




#51
2,6-Dinitrotoluene
Concen: 40.019 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

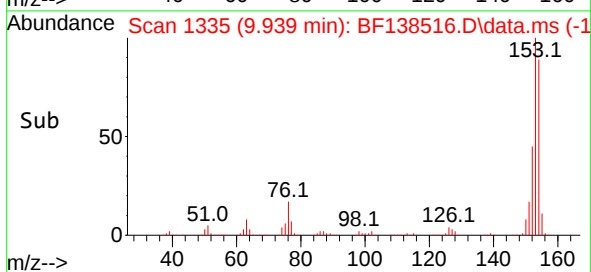
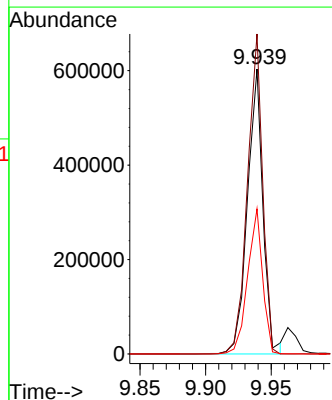
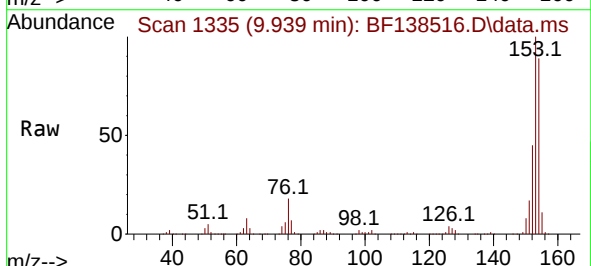
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

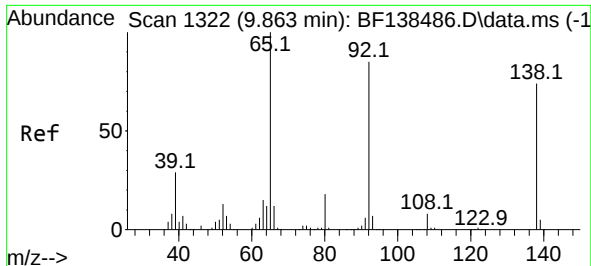
Tgt Ion:165 Resp: 140234
Ion Ratio Lower Upper
165 100
63 59.3 48.1 72.1
89 55.3 43.0 64.6



#52
Acenaphthene
Concen: 39.159 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:154 Resp: 497989
Ion Ratio Lower Upper
154 100
153 112.3 90.4 135.6
152 51.0 41.1 61.7

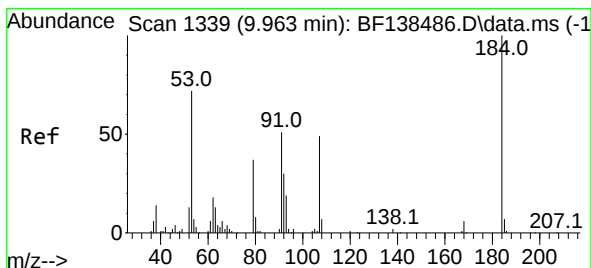
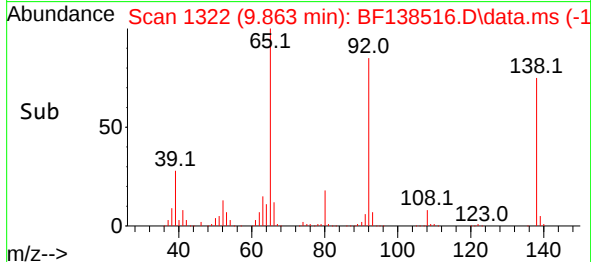
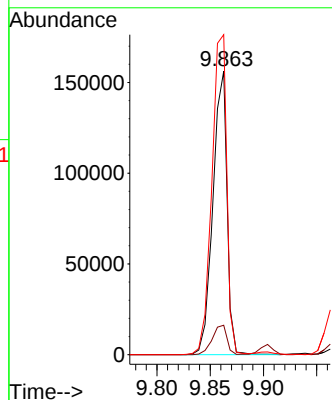
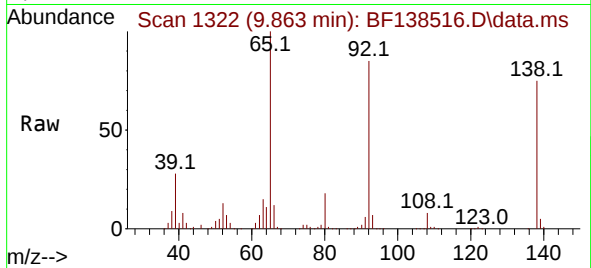




#53
3-Nitroaniline
Concen: 39.996 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

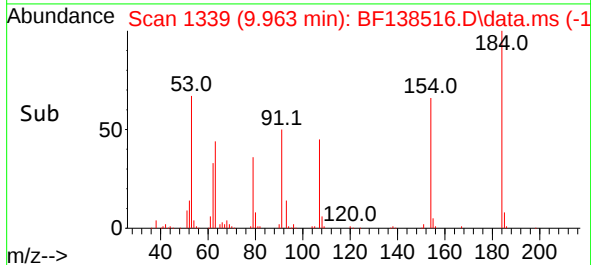
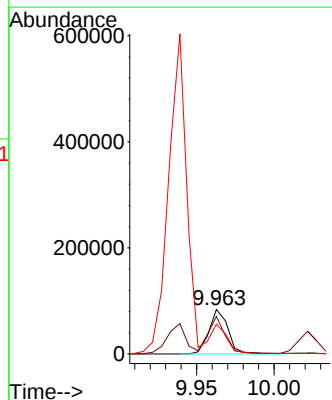
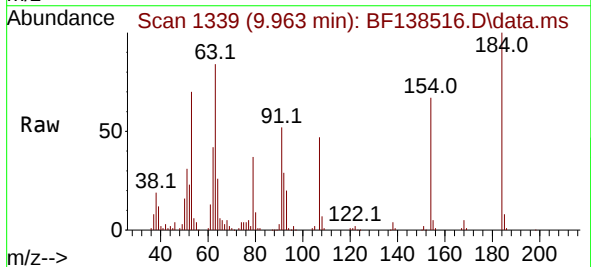
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

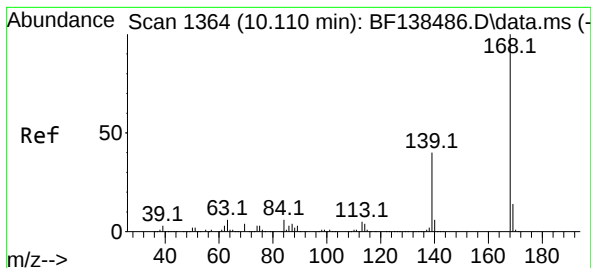
Tgt Ion:138 Resp: 143648
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 112.9 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 40.924 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:184 Resp: 72409
Ion Ratio Lower Upper
184 100
63 84.0 70.6 106.0
154 66.7 53.8 80.6





#55

Dibenzofuran

Concen: 38.430 ng

RT: 10.110 min Scan# 1364

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

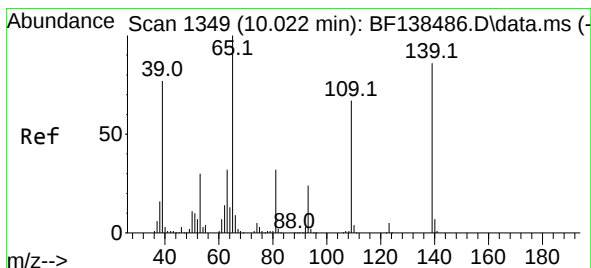
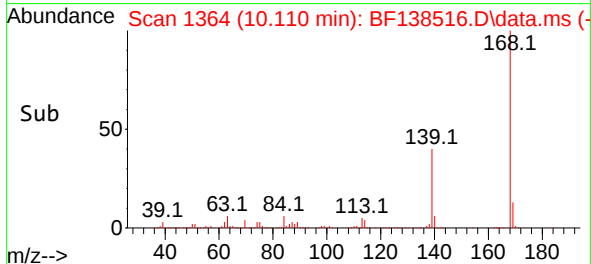
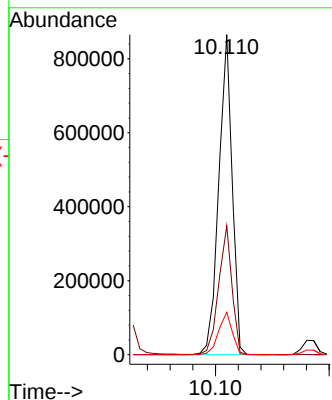
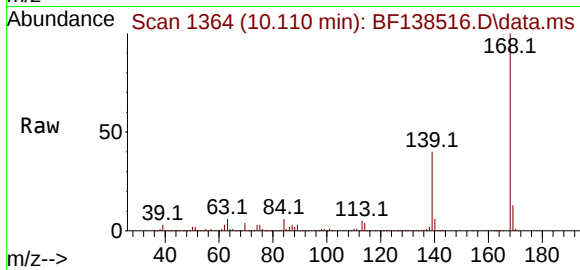
Tgt Ion:168 Resp: 708871

Ion Ratio Lower Upper

168 100

139 40.3 32.4 48.6

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 39.840 ng

RT: 10.022 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

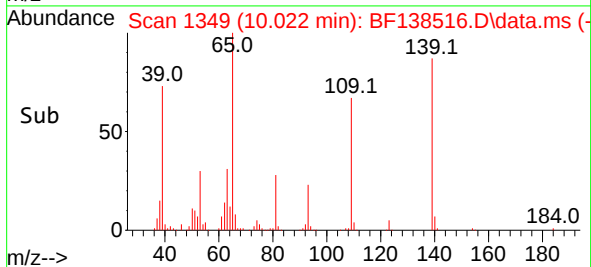
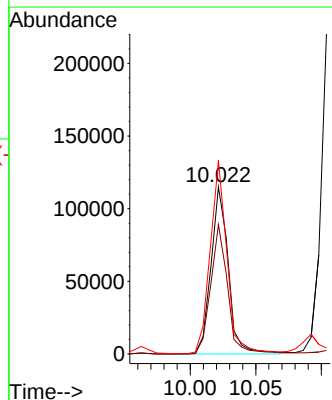
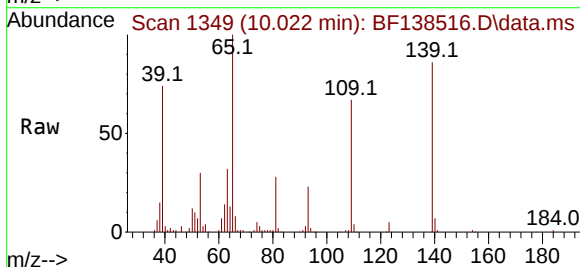
Tgt Ion:139 Resp: 105577

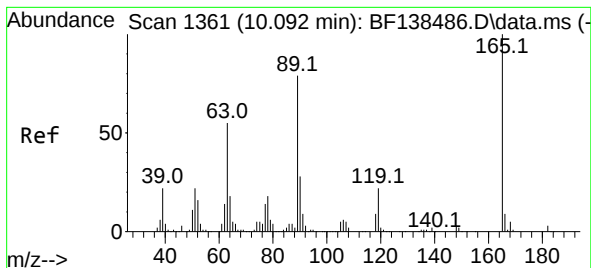
Ion Ratio Lower Upper

139 100

109 77.5 58.1 98.1

65 115.7 96.9 136.9

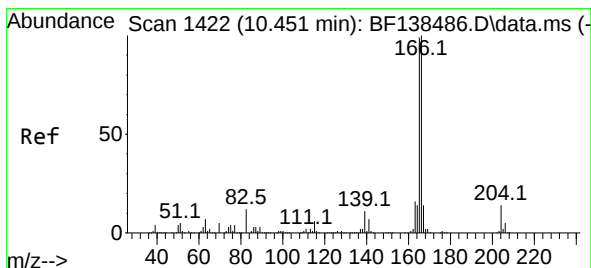
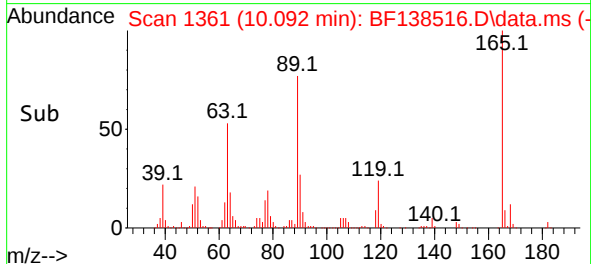
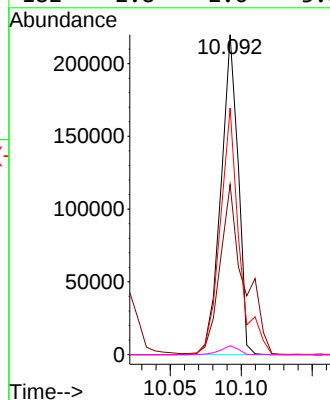
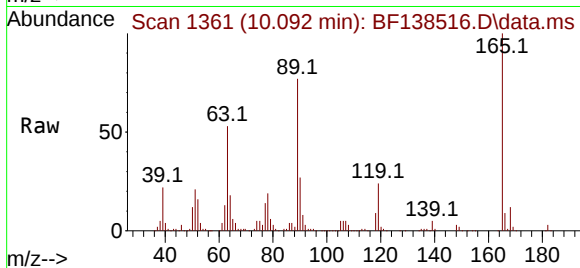




#57
2,4-Dinitrotoluene
Concen: 40.889 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

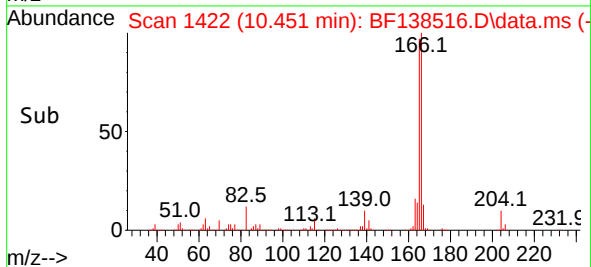
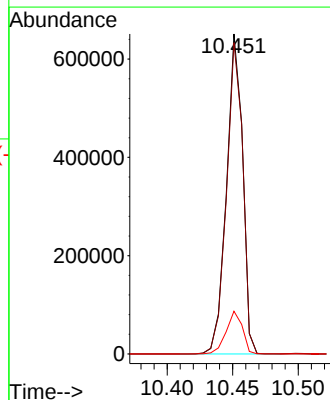
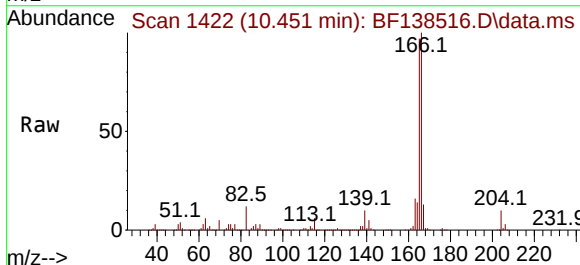
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

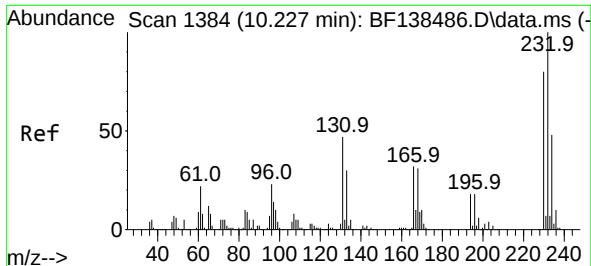
Tgt Ion:165 Resp: 185387
Ion Ratio Lower Upper
165 100
63 53.2 44.6 66.8
89 77.1 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 38.152 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:166 Resp: 556828
Ion Ratio Lower Upper
166 100
165 97.3 79.1 118.7
167 13.4 11.0 16.6

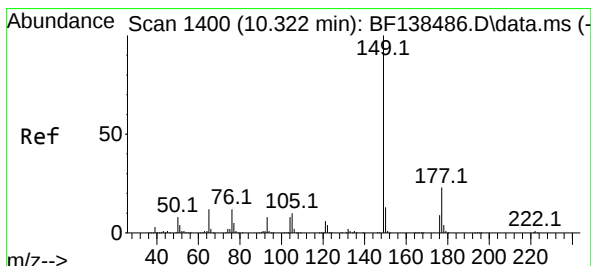
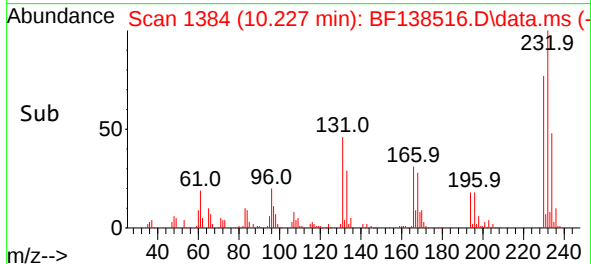
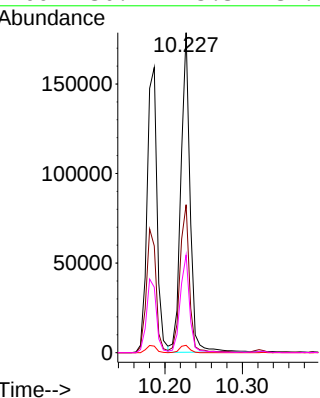
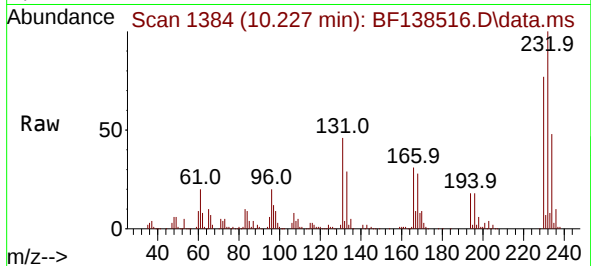




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.384 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

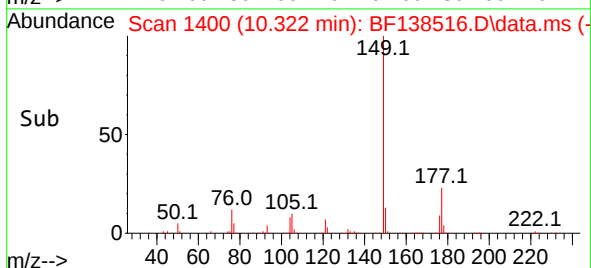
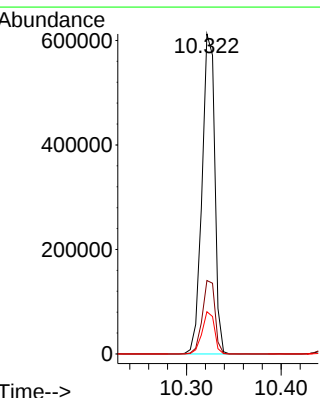
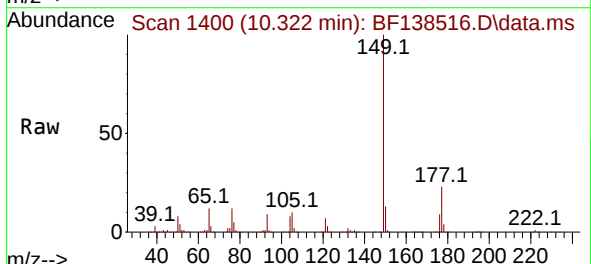
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

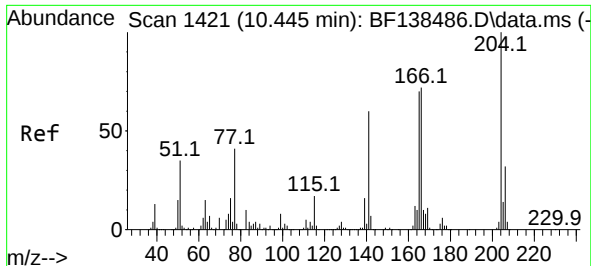
Tgt Ion:232 Resp: 146679
Ion Ratio Lower Upper
232 100
131 47.3 37.5 56.3
130 2.5 2.0 3.0
166 30.9 25.3 37.9



#60
Diethylphthalate
Concen: 39.007 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:149 Resp: 572302
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 13.2 10.3 15.5

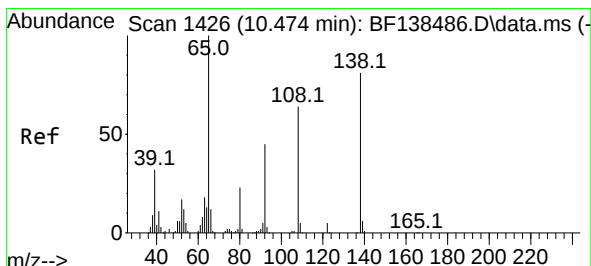
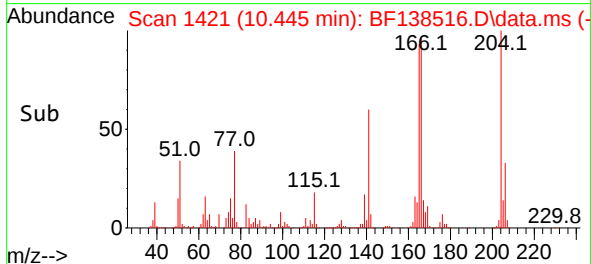
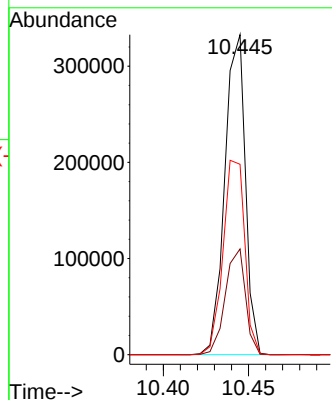
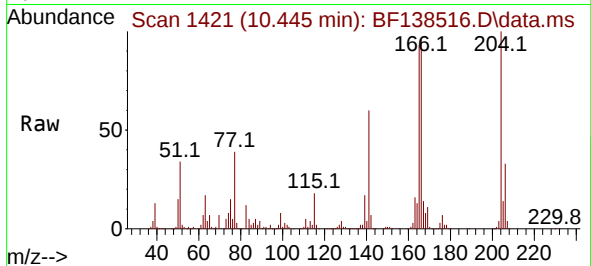




#61
4-Chlorophenyl-phenylether
Concen: 38.252 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

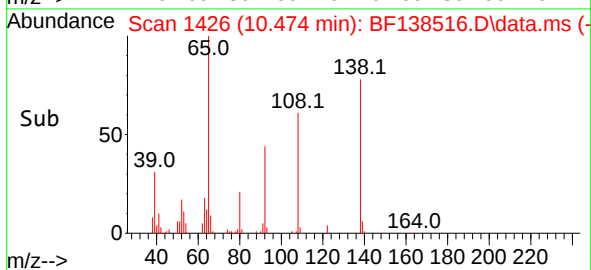
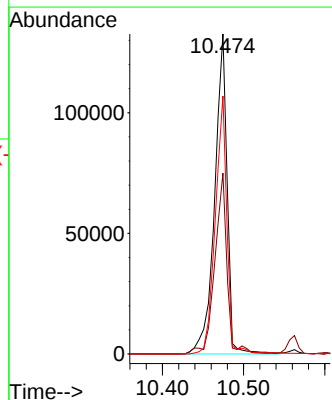
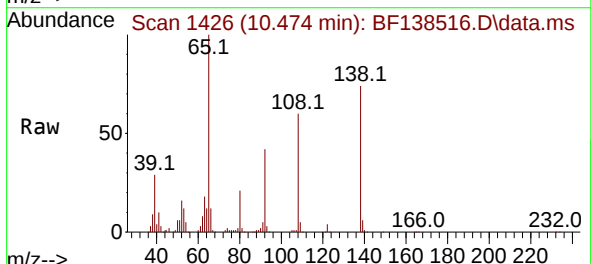
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

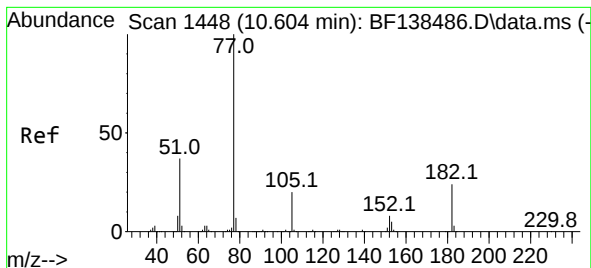
Tgt Ion:204 Resp: 280340
Ion Ratio Lower Upper
204 100
206 33.1 25.6 38.4
141 59.5 47.7 71.5



#62
4-Nitroaniline
Concen: 39.374 ng
RT: 10.474 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:138 Resp: 141707
Ion Ratio Lower Upper
138 100
92 56.5 35.8 75.8
108 80.6 59.8 99.8





#63

Azobenzene

Concen: 38.382 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 605443

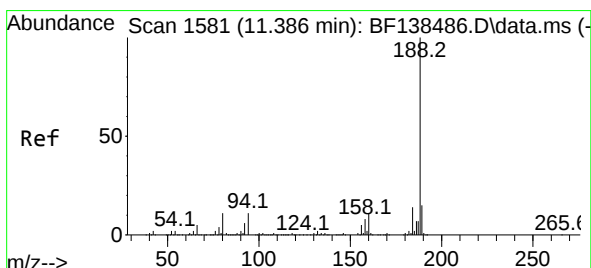
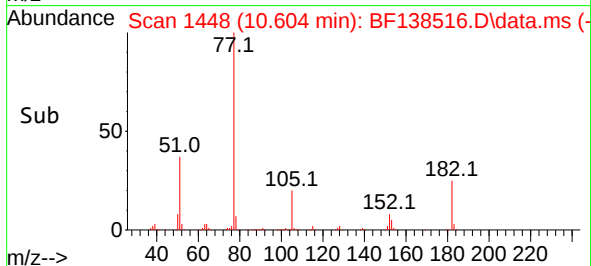
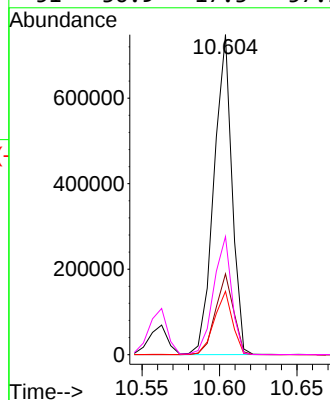
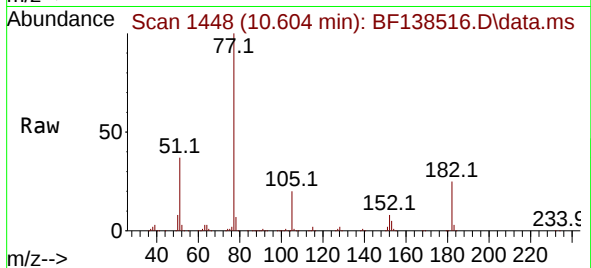
Ion Ratio Lower Upper

77 100

182 25.2 3.8 43.8

105 19.8 0.0 39.8

51 36.9 17.3 57.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1581

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

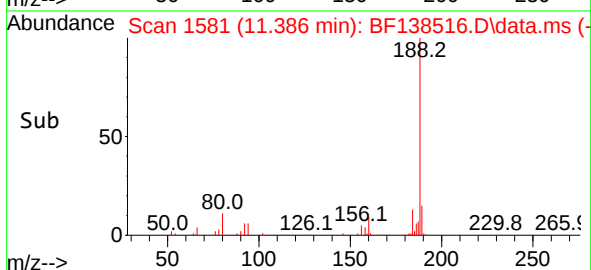
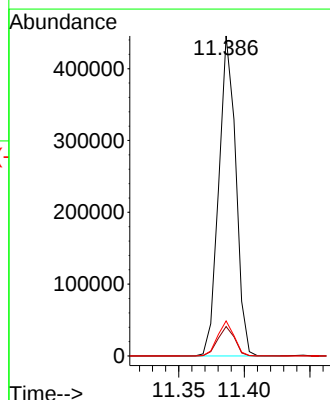
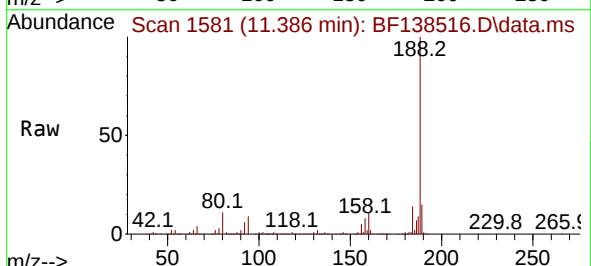
Tgt Ion: 188 Resp: 401703

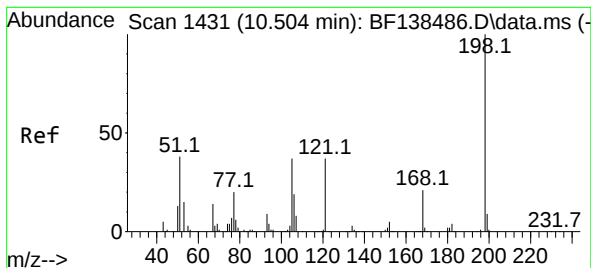
Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

80 11.0 9.0 13.4

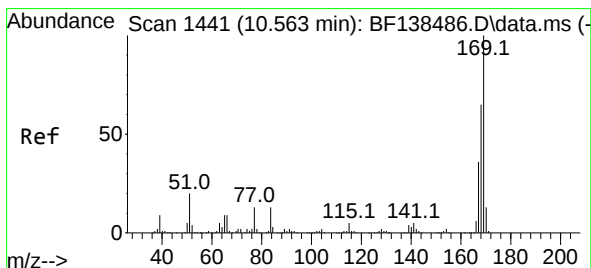
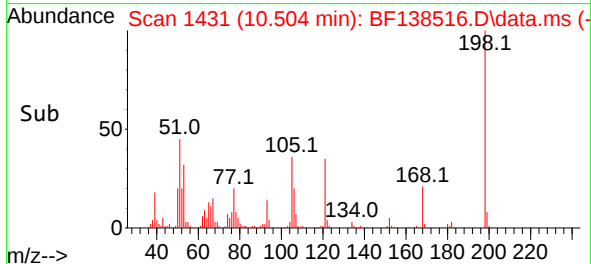
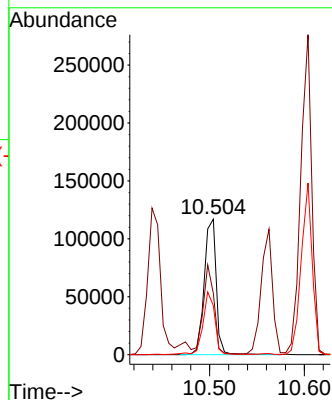
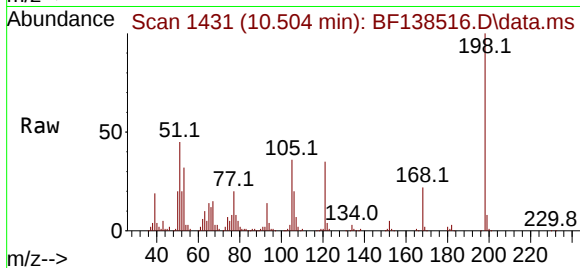




#65
4,6-Dinitro-2-methylphenol
Concen: 44.394 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

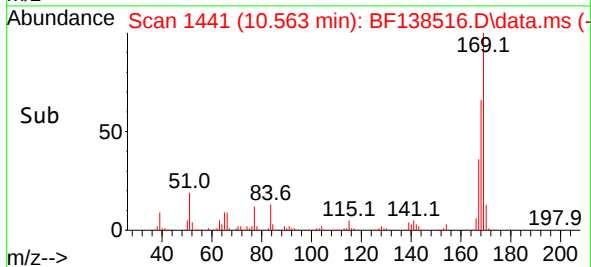
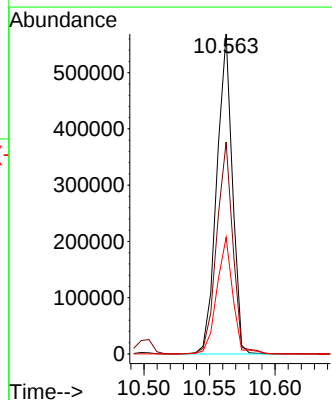
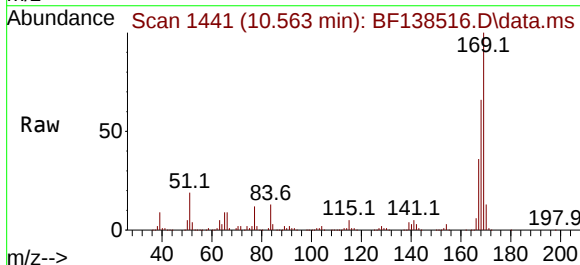
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 102971
Ion Ratio Lower Upper
198 100
51 45.3 27.2 67.2
105 36.3 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 39.024 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:169 Resp: 469668
Ion Ratio Lower Upper
169 100
168 66.2 51.7 77.5
167 36.5 28.5 42.7

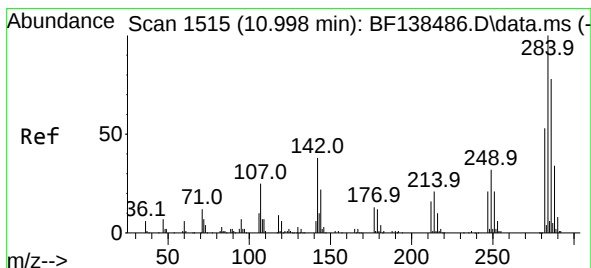
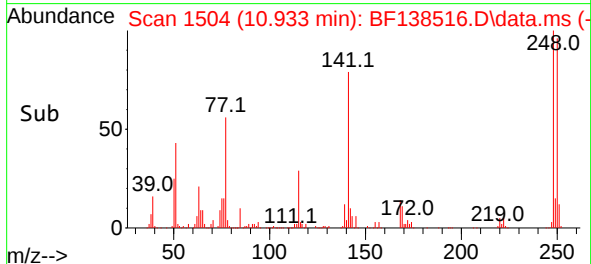
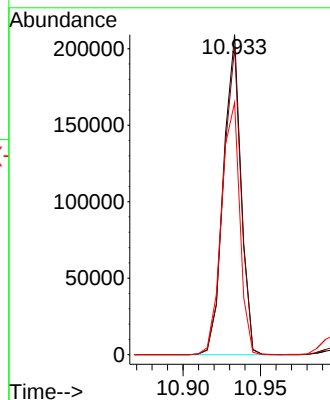
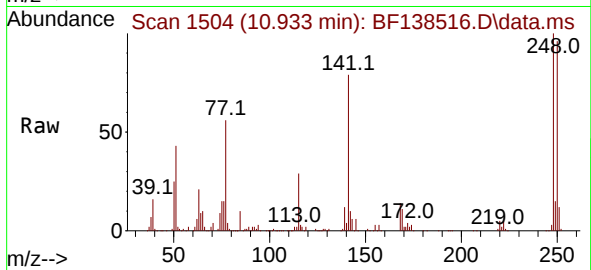




#67
4-Bromophenyl-phenylether
Concen: 39.796 ng
RT: 10.933 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

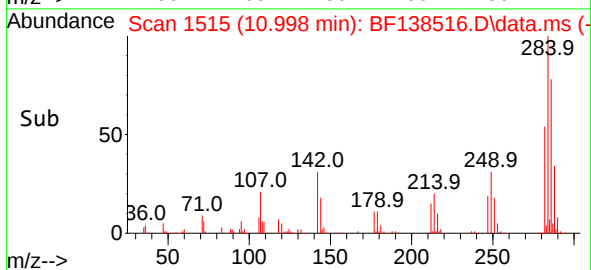
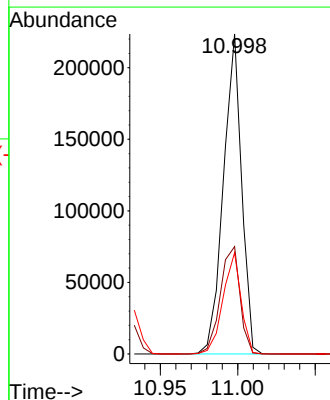
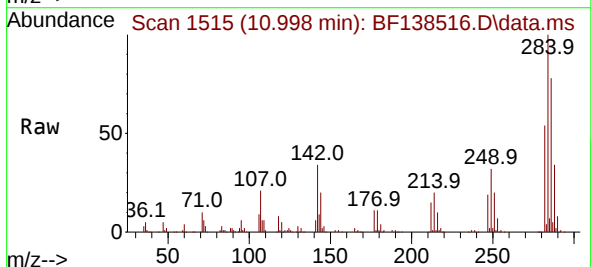
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

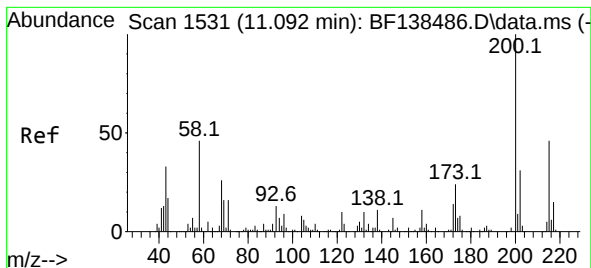
Tgt Ion:248 Resp: 164309
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 78.8 67.7 101.5



#68
Hexachlorobenzene
Concen: 39.685 ng
RT: 10.998 min Scan# 1515
Delta R.T. 0.000 min
Lab File: BF138516.D
Acq: 11 Jul 2024 11:27

Tgt Ion:284 Resp: 182023
Ion Ratio Lower Upper
284 100
142 33.5 30.5 45.7
249 31.7 25.9 38.9





#69

Atrazine

Concen: 38.314 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

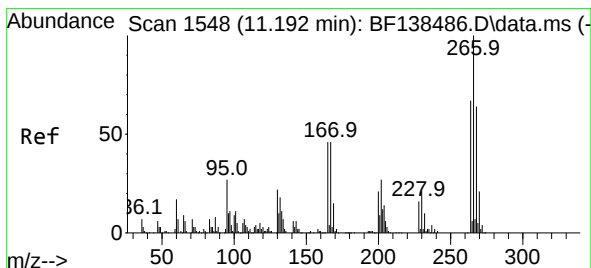
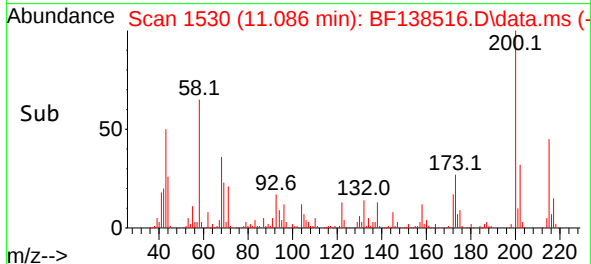
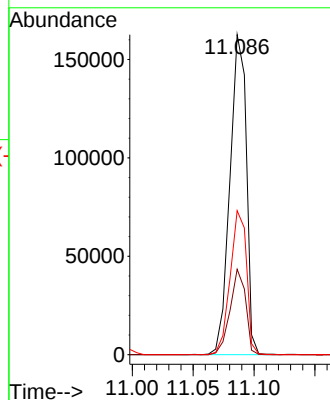
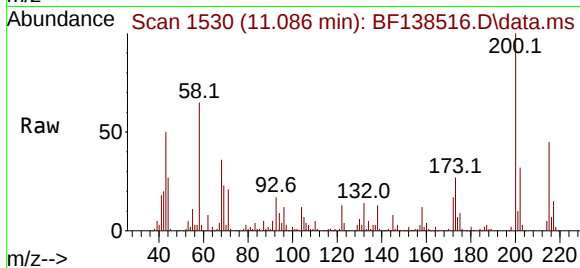
Tgt Ion:200 Resp: 152882

Ion Ratio Lower Upper

200 100

173 26.7 4.1 44.1

215 45.0 26.5 66.5



#70

Pentachlorophenol

Concen: 42.300 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

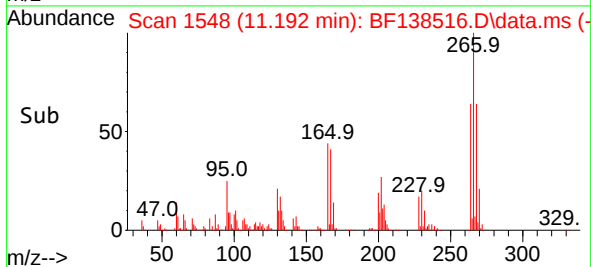
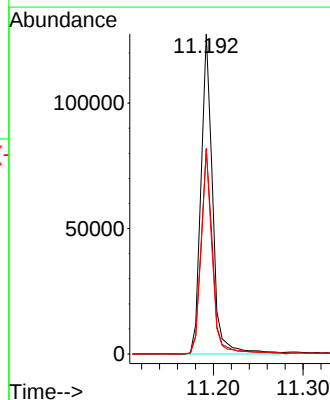
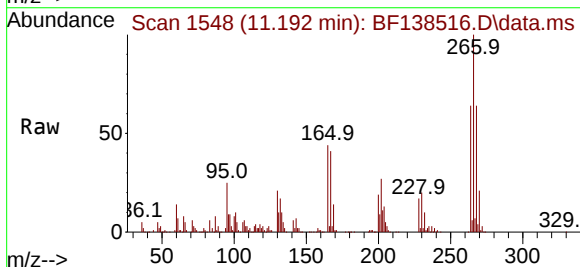
Tgt Ion:266 Resp: 114805

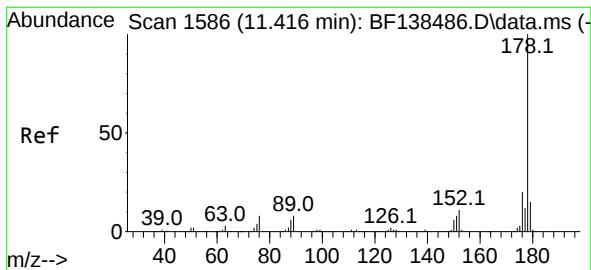
Ion Ratio Lower Upper

266 100

268 64.0 50.9 76.3

264 64.3 53.5 80.3





#71

Phenanthrene

Concen: 39.007 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

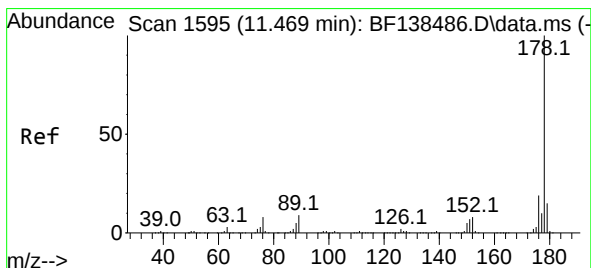
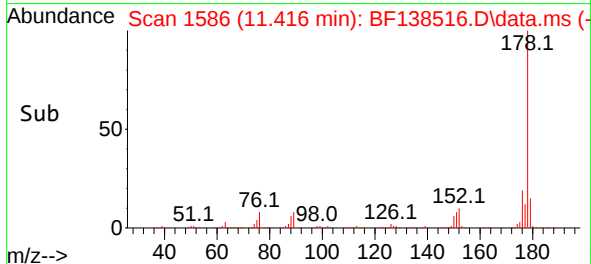
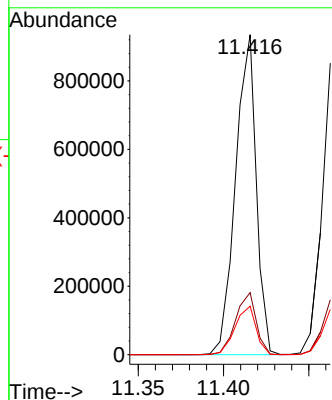
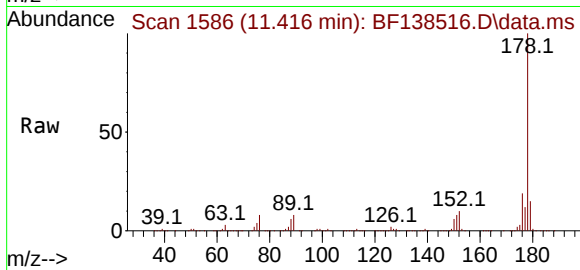
Tgt Ion:178 Resp: 791632

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.2 12.2 18.2



#72

Anthracene

Concen: 39.387 ng

RT: 11.463 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

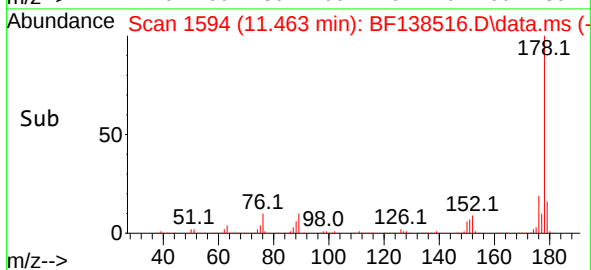
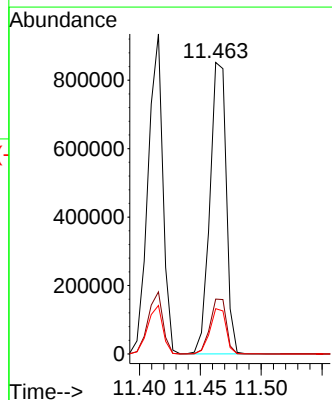
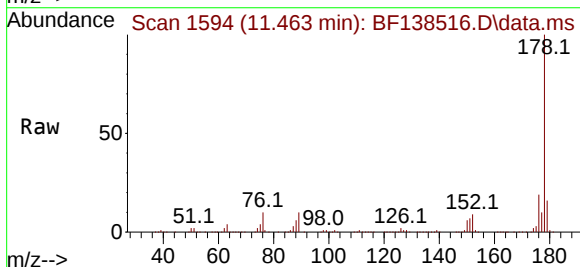
Tgt Ion:178 Resp: 793464

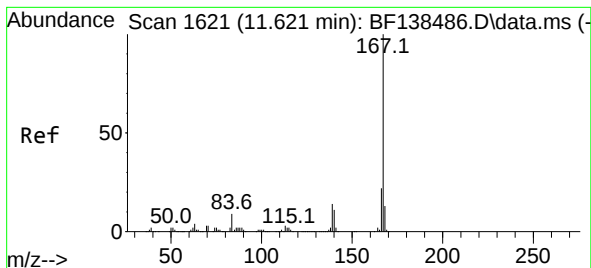
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.6 12.2 18.4





#73

Carbazole

Concen: 39.336 ng

RT: 11.621 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

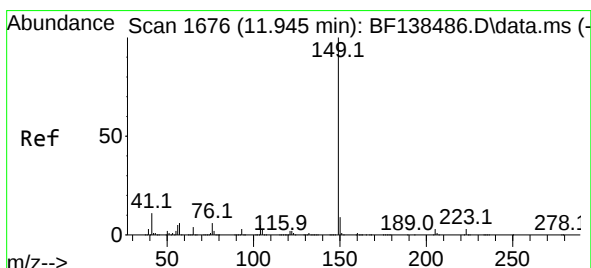
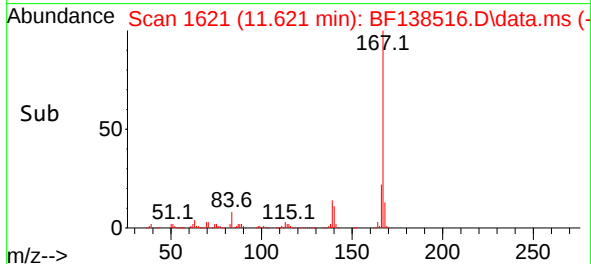
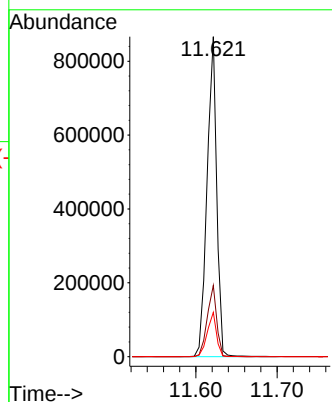
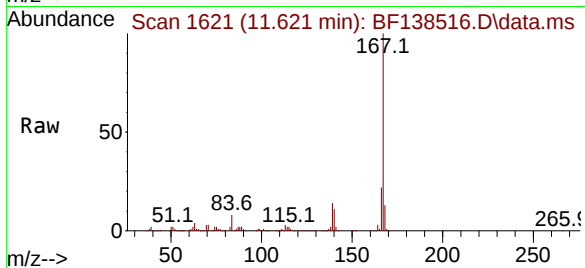
Tgt Ion:167 Resp: 712146

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

139 13.9 11.0 16.4



#74

Di-n-butylphthalate

Concen: 40.611 ng

RT: 11.945 min Scan# 1676

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

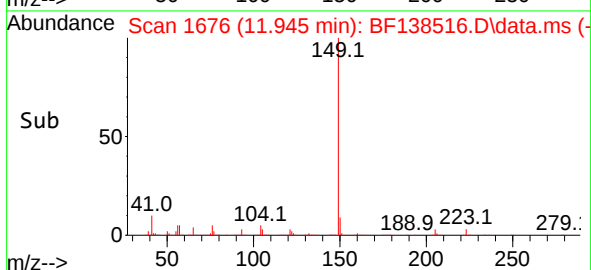
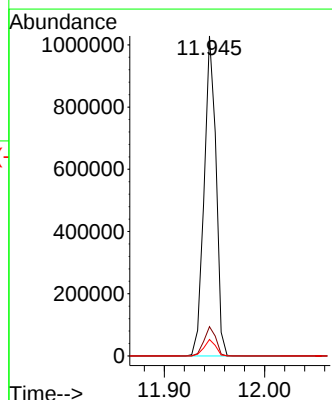
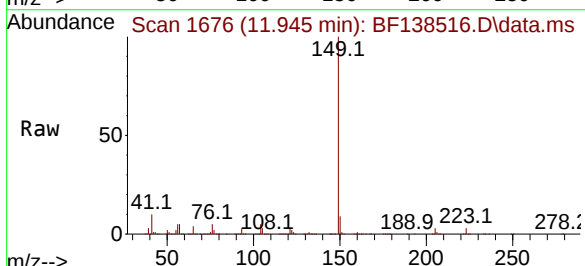
Tgt Ion:149 Resp: 847483

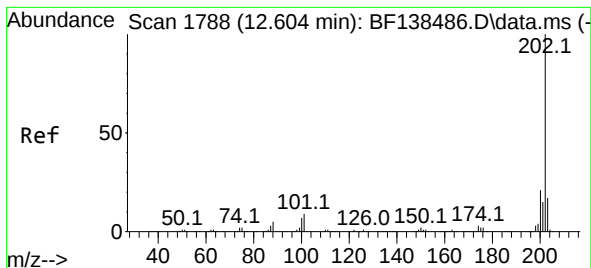
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 39.615 ng

RT: 12.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

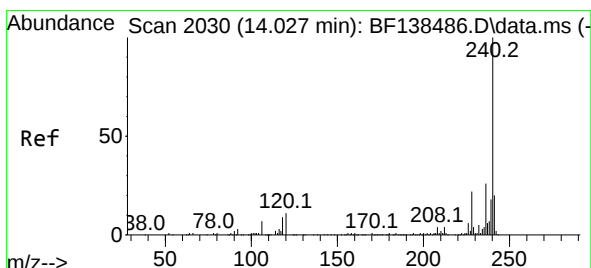
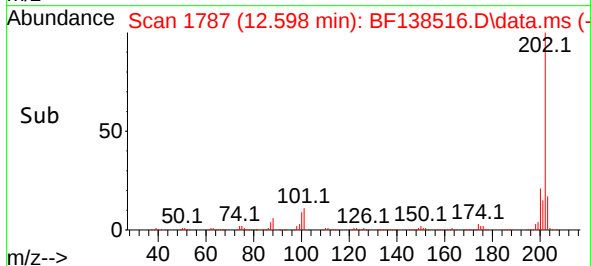
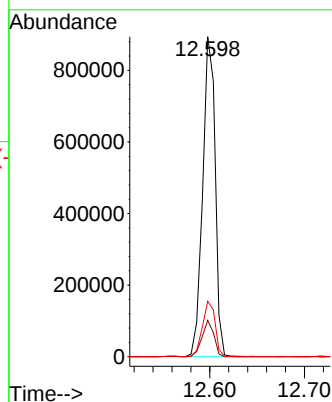
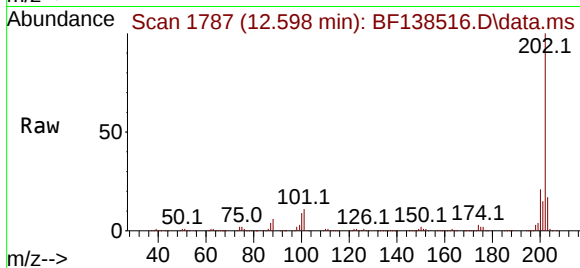
Tgt Ion:202 Resp: 820358

Ion Ratio Lower Upper

202 100

101 11.3 0.0 29.2

203 17.3 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

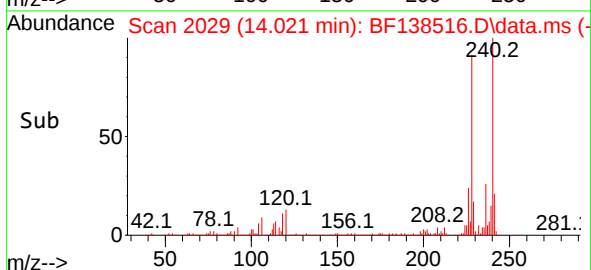
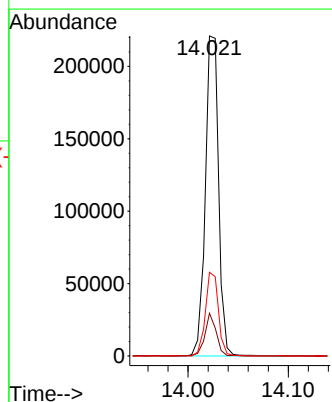
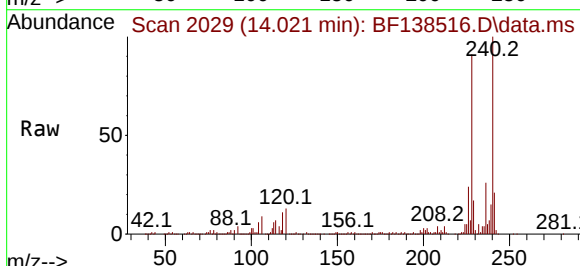
Tgt Ion:240 Resp: 204551

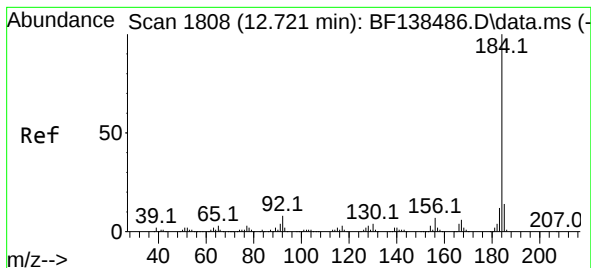
Ion Ratio Lower Upper

240 100

120 13.4 8.6 12.8#

236 26.2 21.0 31.6





#77

Benzidine

Concen: 33.671 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

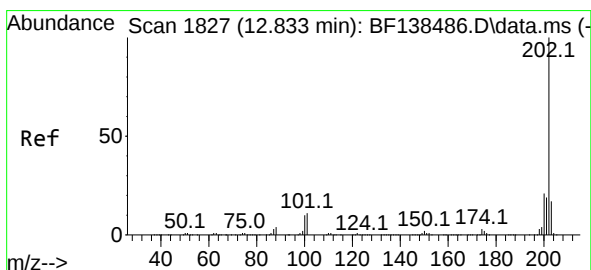
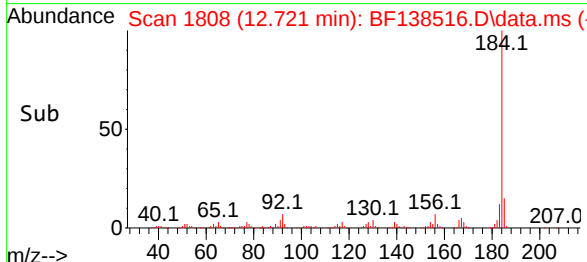
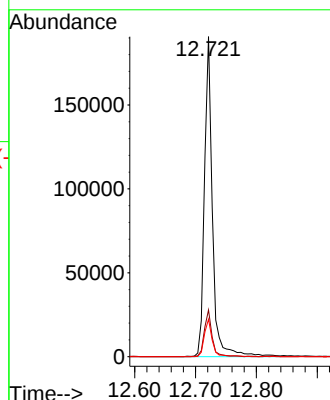
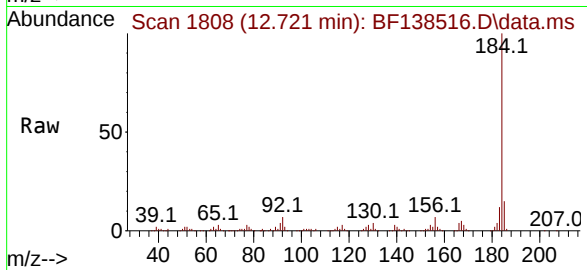
Tgt Ion:184 Resp: 173767

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 39.808 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

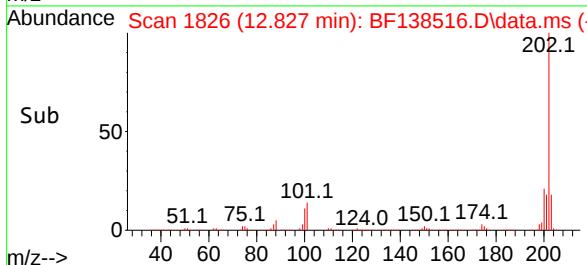
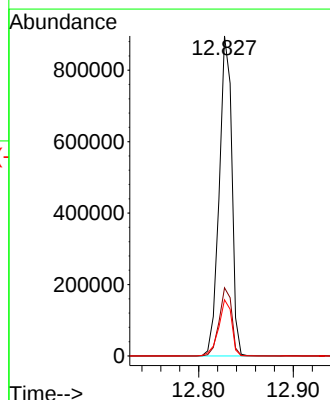
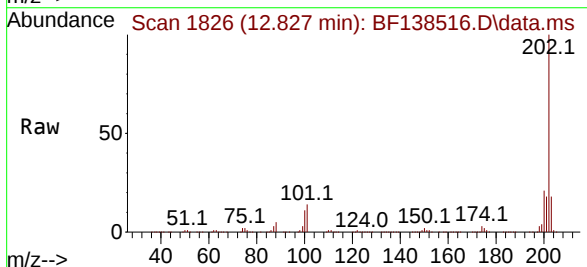
Tgt Ion:202 Resp: 826600

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 17.6 13.7 20.5

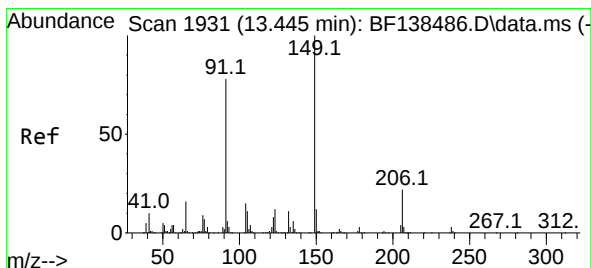
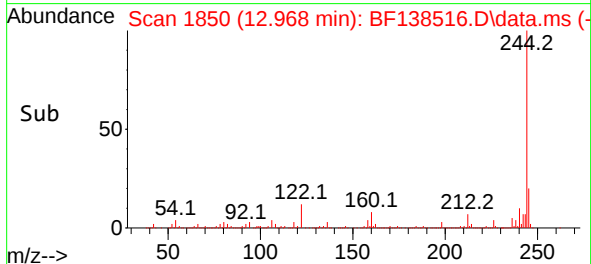
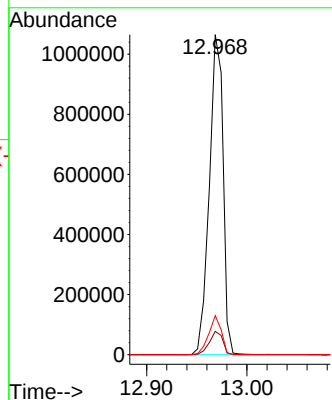
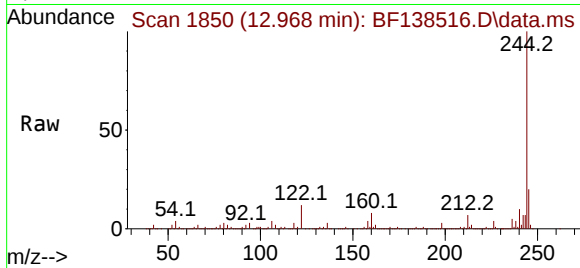




#79
 Terphenyl-d14
 Concen: 81.158 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138516.D
 Acq: 11 Jul 2024 11:27

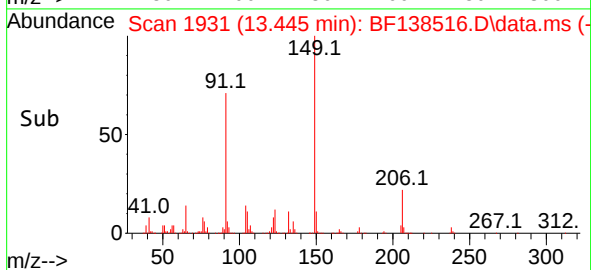
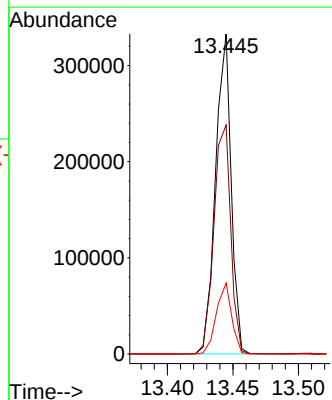
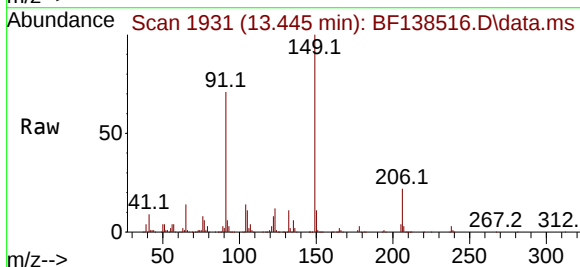
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

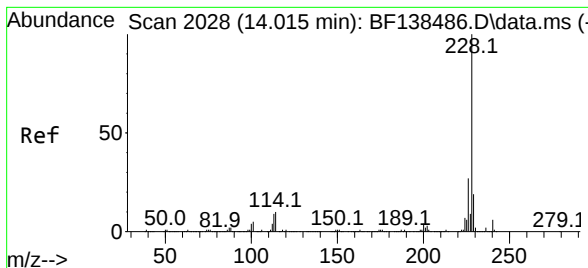
Tgt Ion:244 Resp: 1019020
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.2 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 44.034 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: BF138516.D
 Acq: 11 Jul 2024 11:27

Tgt Ion:149 Resp: 275056
 Ion Ratio Lower Upper
 149 100
 91 71.5 62.1 93.1
 206 22.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 39.432 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

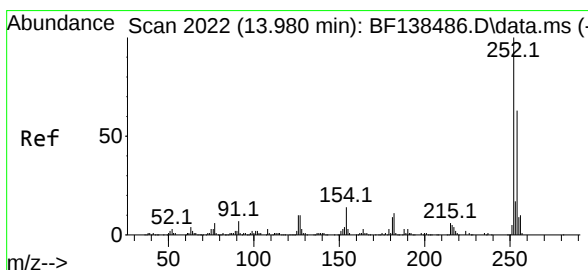
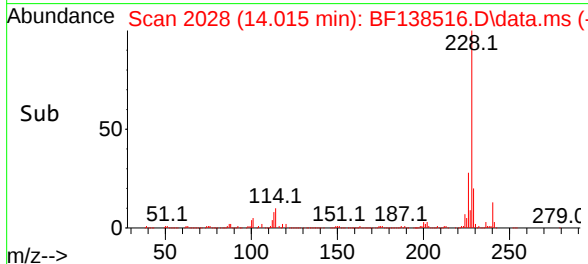
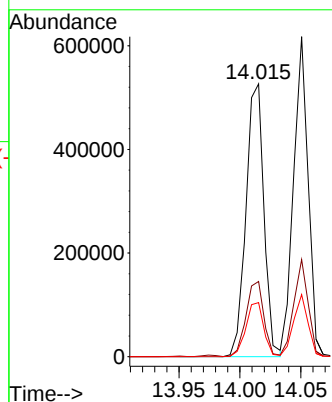
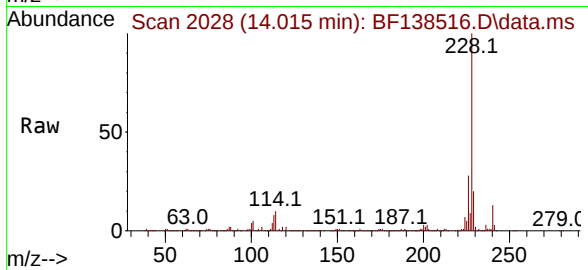
Tgt Ion:228 Resp: 541217

Ion Ratio Lower Upper

228 100

226 27.6 21.9 32.9

229 19.9 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 39.005 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

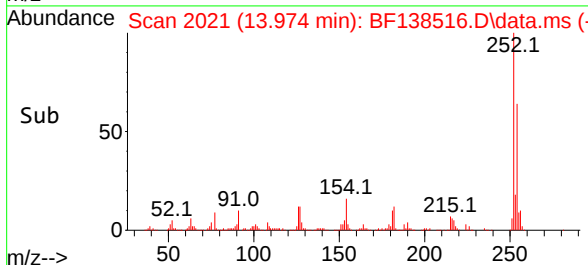
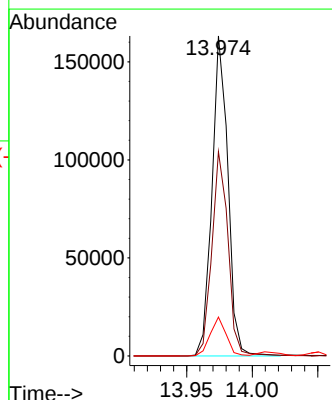
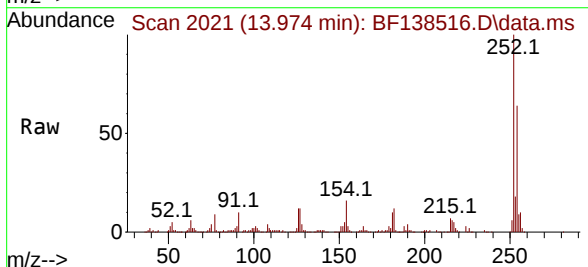
Tgt Ion:252 Resp: 137950

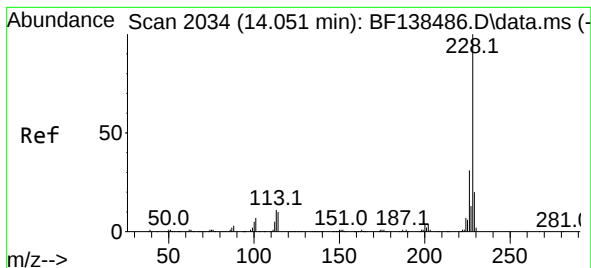
Ion Ratio Lower Upper

252 100

254 63.8 50.3 75.5

126 12.1 8.1 12.1#





#83

Chrysene

Concen: 39.646 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

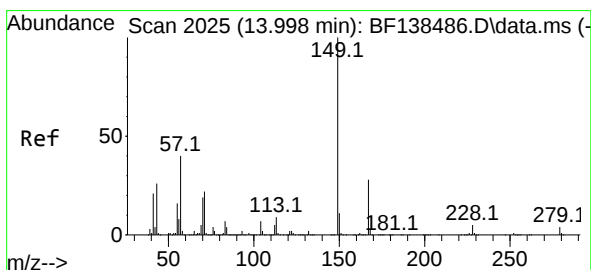
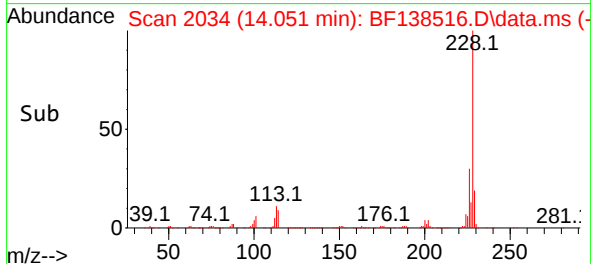
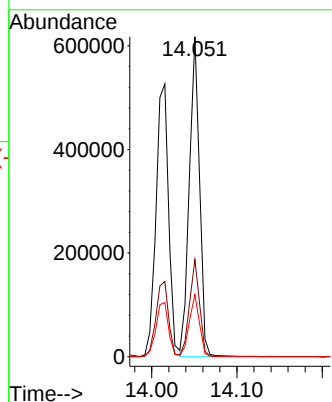
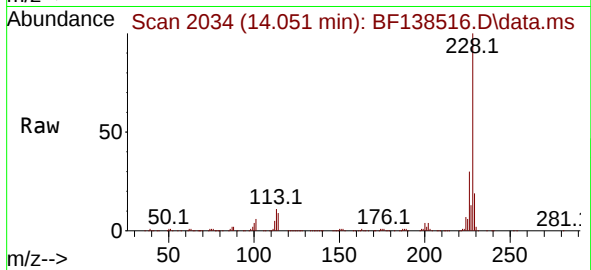
Tgt Ion:228 Resp: 514770

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.866 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

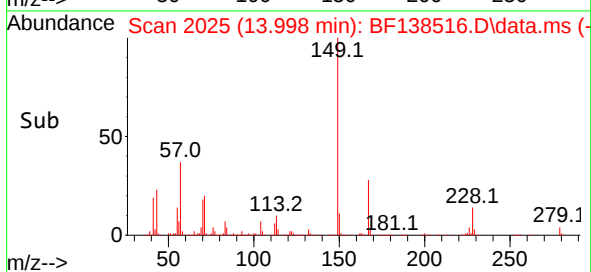
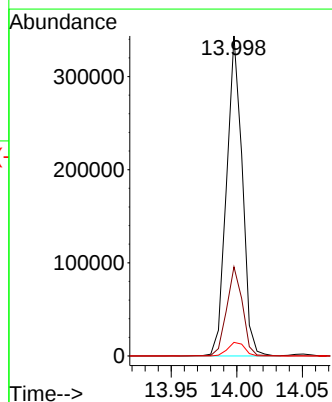
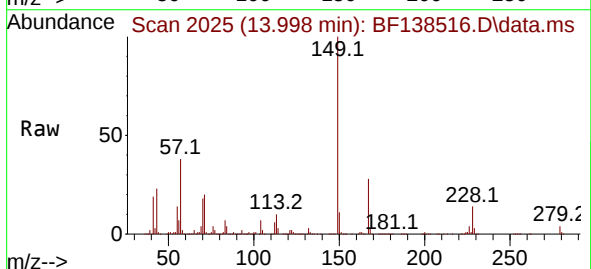
Tgt Ion:149 Resp: 285567

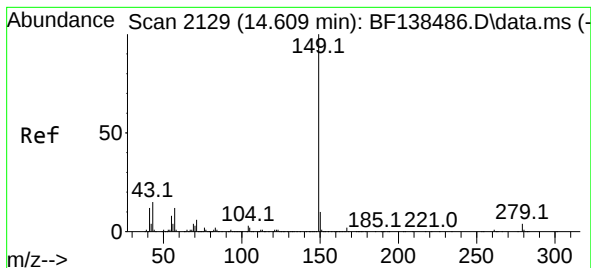
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 38.745 ng

RT: 14.609 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

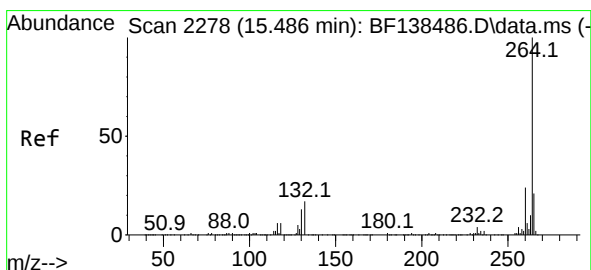
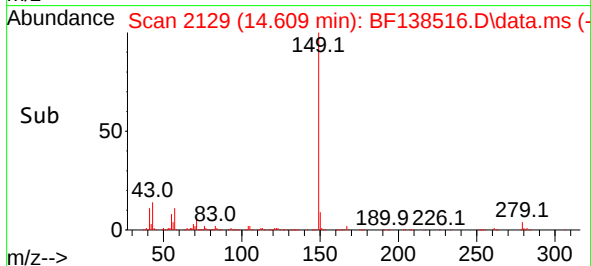
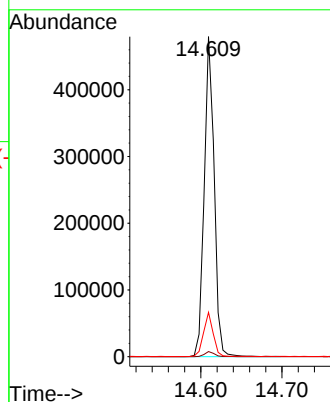
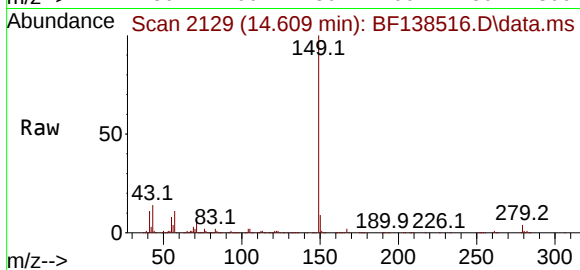
Tgt Ion:149 Resp: 407760

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.5 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

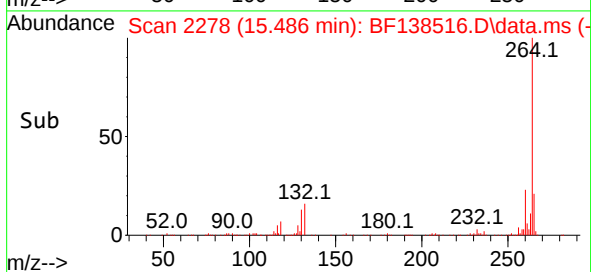
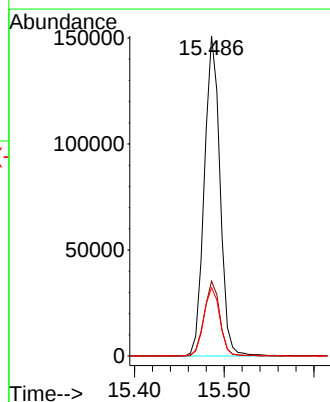
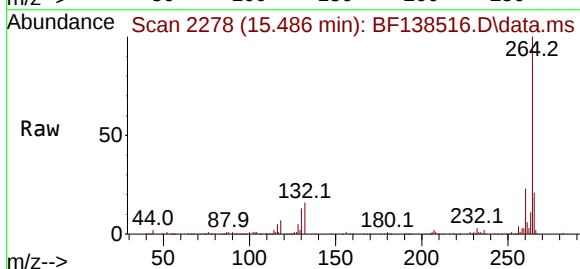
Tgt Ion:264 Resp: 182899

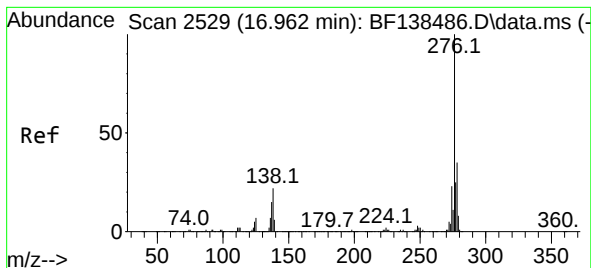
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.598 ng

RT: 16.962 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

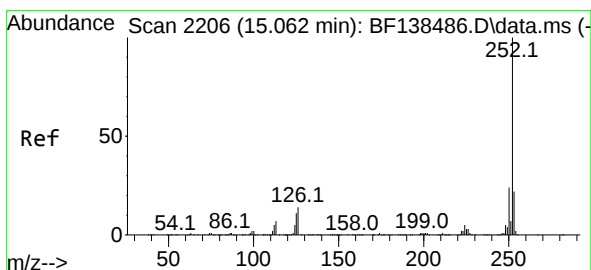
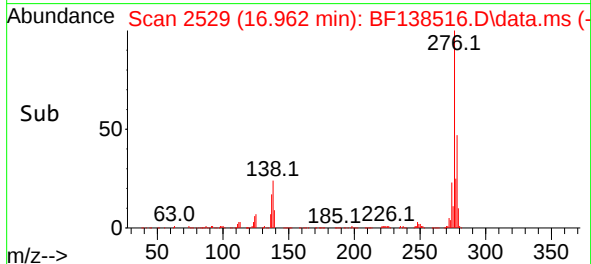
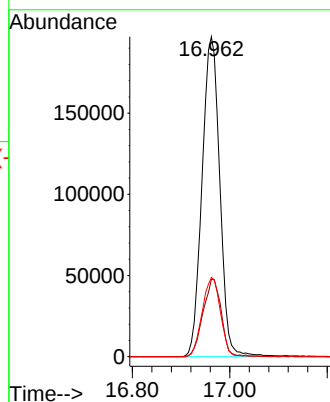
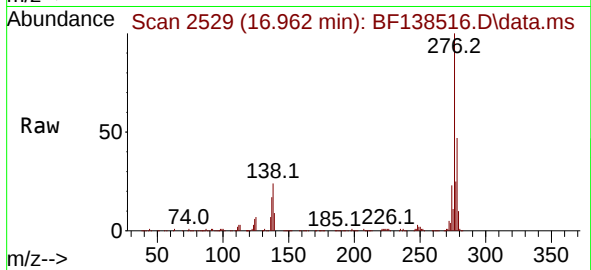
Tgt Ion:276 Resp: 498763

Ion Ratio Lower Upper

276 100

138 24.8 19.6 29.4

277 25.5 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 40.136 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.006 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

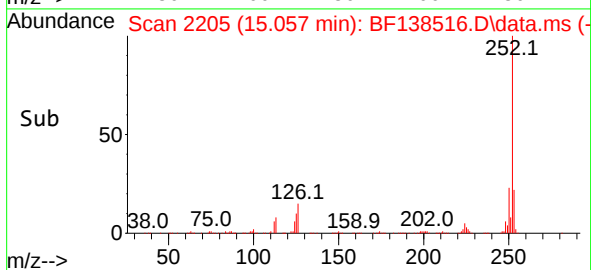
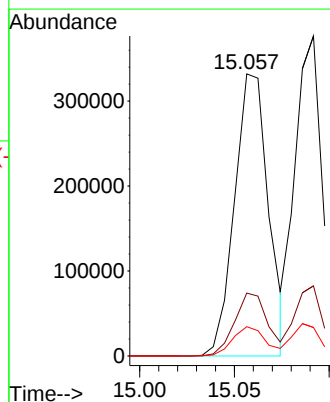
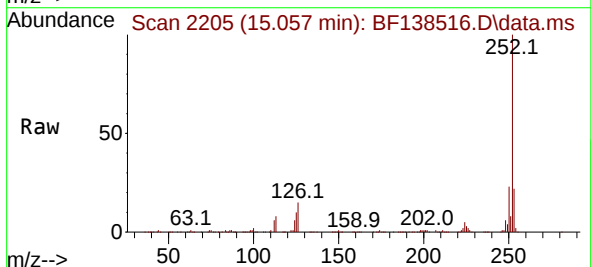
Tgt Ion:252 Resp: 413418

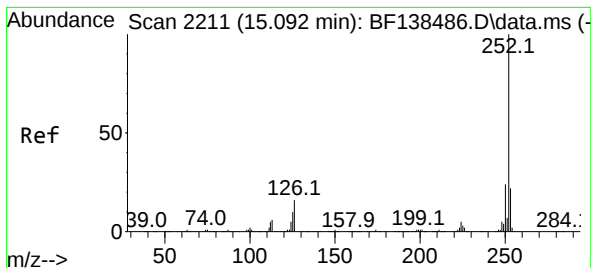
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 10.4 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 37.914 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

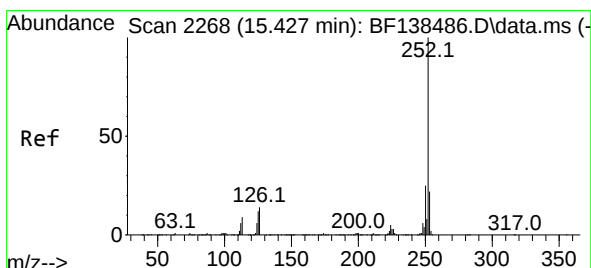
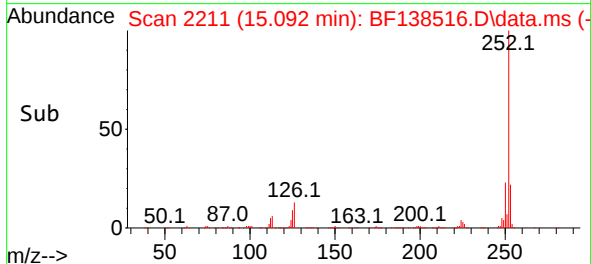
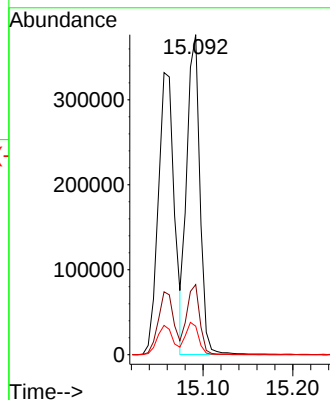
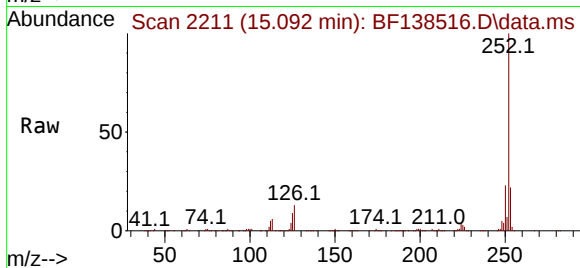
Tgt Ion:252 Resp: 380875

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 39.343 ng

RT: 15.427 min Scan# 2268

Delta R.T. 0.000 min

Lab File: BF138516.D

Acq: 11 Jul 2024 11:27

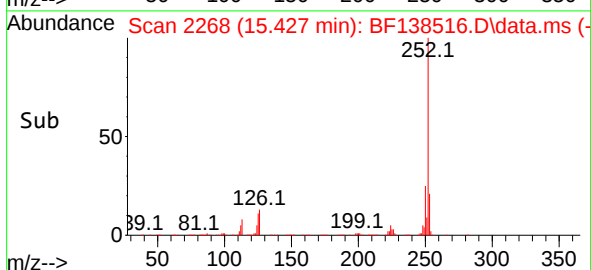
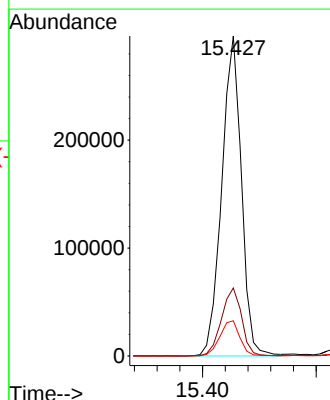
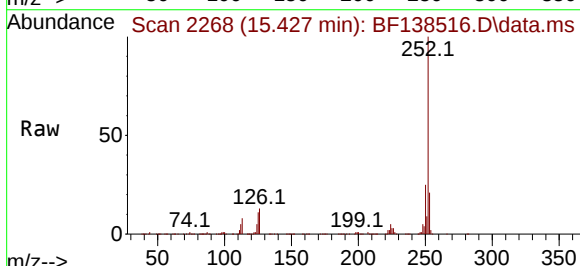
Tgt Ion:252 Resp: 355992

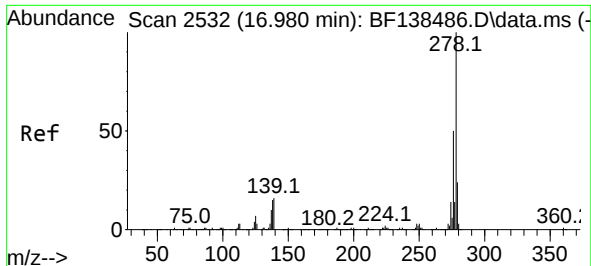
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 11.0 9.4 14.2

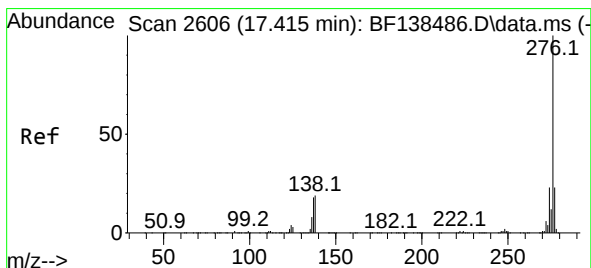
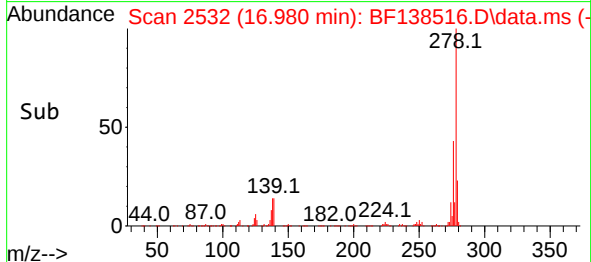
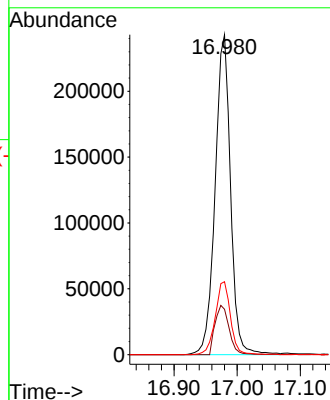
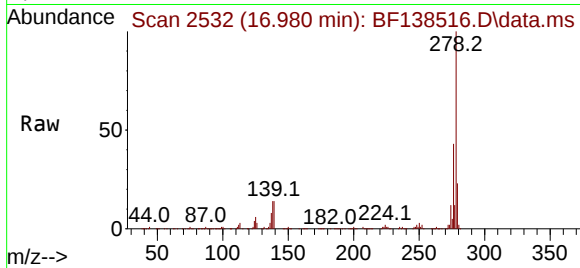




#91
 Dibenzo(a,h)anthracene
 Concen: 41.035 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138516.D
 Acq: 11 Jul 2024 11:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 412379
 Ion Ratio Lower Upper
 278 100
 139 14.2 12.8 19.2
 279 22.8 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 39.429 ng
 RT: 17.409 min Scan# 2605
 Delta R.T. -0.006 min
 Lab File: BF138516.D
 Acq: 11 Jul 2024 11:27

Tgt Ion:276 Resp: 420170
 Ion Ratio Lower Upper
 276 100
 277 25.0 18.0 27.0
 138 21.1 15.5 23.3

