

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140838.D
 Acq On : 13 Dec 2024 12:14
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 13 16:13:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	99818	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	366214	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	204323	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	393427	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	249750	20.000	ng	0.00
86) Perylene-d12	15.557	264	225636	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	483405	82.629	ng	0.00
7) Phenol-d6	6.510	99	621929	80.413	ng	0.00
23) Nitrobenzene-d5	7.434	82	582472	81.356	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	190007	86.950	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1136362	82.865	ng	-0.02
79) Terphenyl-d14	12.980	244	1256618	78.347	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	95652	38.887	ng	98
3) Pyridine	3.410	79	210365	38.870	ng	98
4) n-Nitrosodimethylamine	3.369	42	119612	37.604	ng	98
6) Aniline	6.528	93	231483	42.523	ng	# 62
8) 2-Chlorophenol	6.657	128	261516	41.550	ng	95
9) Benzaldehyde	6.416	77	152023	37.130	ng	99
10) Phenol	6.528	94	321227	40.669	ng	92
11) bis(2-Chloroethyl)ether	6.598	93	254176	42.053	ng	98
12) 1,3-Dichlorobenzene	6.798	146	293192	41.457	ng	99
13) 1,4-Dichlorobenzene	6.875	146	294864	41.177	ng	99
14) 1,2-Dichlorobenzene	7.034	146	277315	41.328	ng	99
15) Benzyl Alcohol	7.010	79	225999	39.403	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	275943	38.645	ng	65
17) 2-Methylphenol	7.128	107	203302	40.351	ng	94
18) Hexachloroethane	7.369	117	110611	41.357	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	180826	39.560	ng	96
20) 3+4-Methylphenols	7.281	107	270788	41.814	ng	95
22) Acetophenone	7.275	105	365241	40.909	ng	96
24) Nitrobenzene	7.451	77	296666	40.092	ng	98
25) Isophorone	7.687	82	477120	39.954	ng	100
26) 2-Nitrophenol	7.763	139	142078	43.327	ng	97
27) 2,4-Dimethylphenol	7.804	122	168237m	42.880	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	296652	40.778	ng	99
29) 2,4-Dichlorophenol	8.016	162	220046	42.325	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	251426	42.356	ng	99
31) Naphthalene	8.163	128	782053	41.459	ng	100
32) Benzoic acid	7.975	122	198086	56.516	ng	98
33) 4-Chloroaniline	8.228	127	248612	44.020	ng	99
34) Hexachlorobutadiene	8.275	225	170175	43.283	ng	99
35) Caprolactam	8.610	113	65942m	40.986	ng	
36) 4-Chloro-3-methylphenol	8.716	107	244591	42.020	ng	98
37) 2-Methylnaphthalene	8.857	142	502446	41.936	ng	100
38) 1-Methylnaphthalene	8.951	142	491967	41.891	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	249916	41.781	ng	99
41) Hexachlorocyclopentadiene	9.004	237	56386	45.407	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	150989	40.228	ng	98

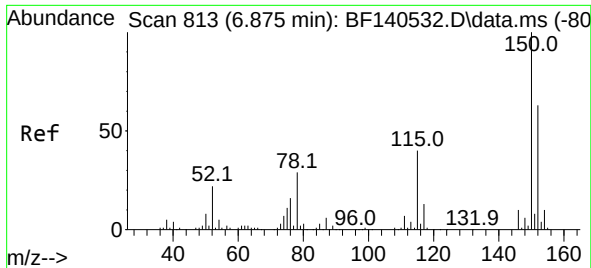
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	169419	41.591	ng	96
46) 1,1'-Biphenyl	9.322	154	640280	41.972	ng	99
47) 2-Chloronaphthalene	9.345	162	486995	42.131	ng	99
48) 2-Nitroaniline	9.451	65	152955	41.225	ng	98
49) Acenaphthylene	9.763	152	707104	40.487	ng	100
50) Dimethylphthalate	9.622	163	555016	41.245	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129263	42.355	ng	98
52) Acenaphthene	9.933	154	456020	41.094	ng	98
53) 3-Nitroaniline	9.869	138	128490	43.047	ng	96
54) 2,4-Dinitrophenol	9.986	184	81750	54.487	ng	96
55) Dibenzofuran	10.104	168	693111	40.948	ng	99
56) 4-Nitrophenol	10.051	139	98923	48.594	ng	97
57) 2,4-Dinitrotoluene	10.104	165	171716	42.336	ng	# 92
58) Fluorene	10.451	166	577006	42.469	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	143253	45.759	ng	93
60) Diethylphthalate	10.322	149	565279	41.345	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	284318	42.642	ng	97
62) 4-Nitroaniline	10.492	138	137202	43.826	ng	97
63) Azobenzene	10.598	77	521453	40.275	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	101284	50.379	ng	97
66) n-Nitrosodiphenylamine	10.563	169	473989	40.739	ng	100
67) 4-Bromophenyl-phenylether	10.928	248	169243	41.771	ng	100
68) Hexachlorobenzene	11.004	284	194877	41.539	ng	98
69) Atrazine	11.086	200	112137	34.261	ng	99
70) Pentachlorophenol	11.204	266	85077	41.203	ng	99
71) Phenanthrene	11.416	178	788081	41.672	ng	99
72) Anthracene	11.469	178	772594	41.764	ng	100
73) Carbazole	11.627	167	765382	43.008	ng	100
74) Di-n-butylphthalate	11.945	149	866057	42.152	ng	100
75) Fluoranthene	12.610	202	891260	43.406	ng	100
77) Benzidine	12.739	184	458403	63.129	ng	99
78) Pyrene	12.839	202	912047	39.495	ng	99
80) Butylbenzylphthalate	13.451	149	317380	38.152	ng	98
81) Benzo(a)anthracene	14.039	228	688019	41.616	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	220178	44.358	ng	98
83) Chrysene	14.080	228	639120	42.278	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	376941	35.885	ng	99
85) Di-n-octyl phthalate	14.645	149	520078	36.229	ng	98
87) Indeno(1,2,3-cd)pyrene	17.086	276	615581	41.864	ng	99
88) Benzo(b)fluoranthene	15.121	252	567405	40.036	ng	99
89) Benzo(k)fluoranthene	15.151	252	555291	44.774	ng	99
90) Benzo(a)pyrene	15.498	252	490049	42.526	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	510516	42.393	ng	100
92) Benzo(g,h,i)perylene	17.545	276	520663	42.370	ng	99

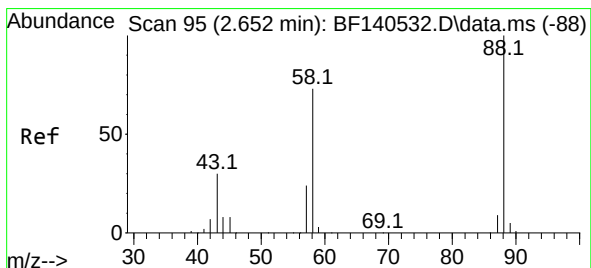
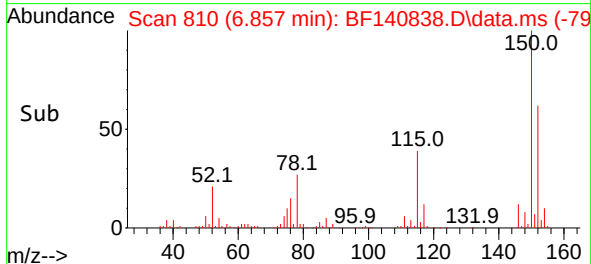
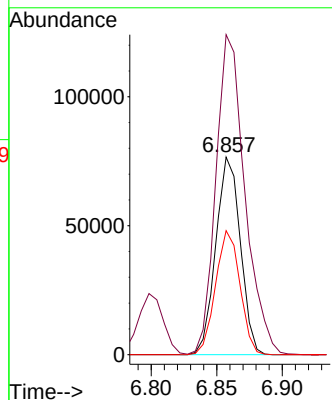
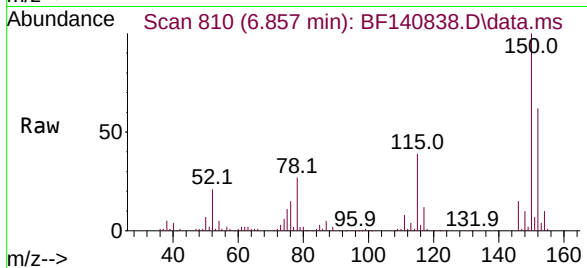
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

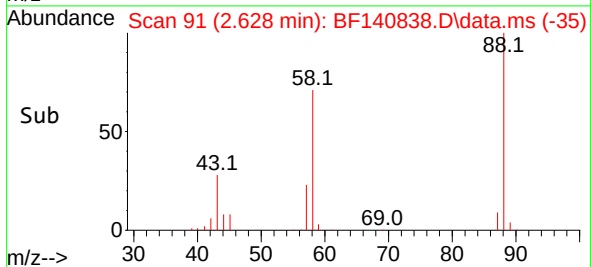
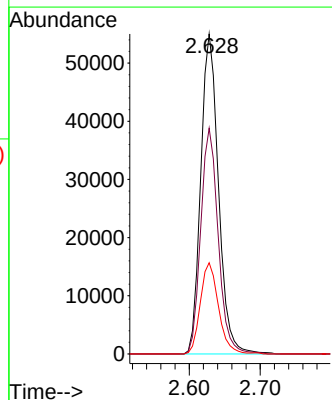
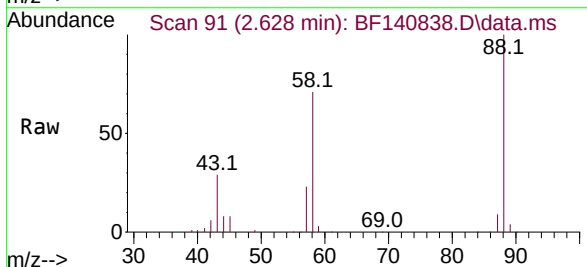
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

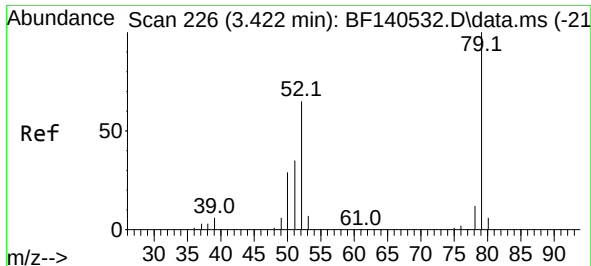
Tgt Ion:152 Resp: 99818
 Ion Ratio Lower Upper
 152 100
 150 161.9 128.5 192.7
 115 62.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 38.887 ng
 RT: 2.628 min Scan# 91
 Delta R.T. -0.024 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

Tgt Ion: 88 Resp: 95652
 Ion Ratio Lower Upper
 88 100
 58 69.6 57.4 86.2
 43 29.3 24.3 36.5





#3

Pyridine

Concen: 38.870 ng

RT: 3.410 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

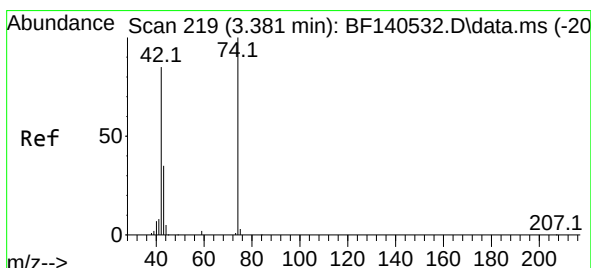
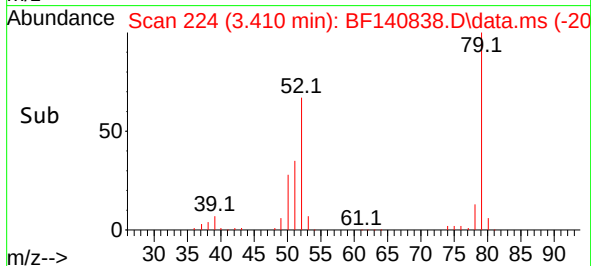
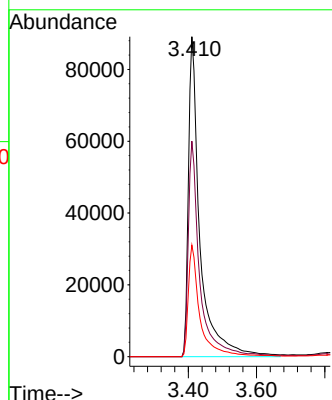
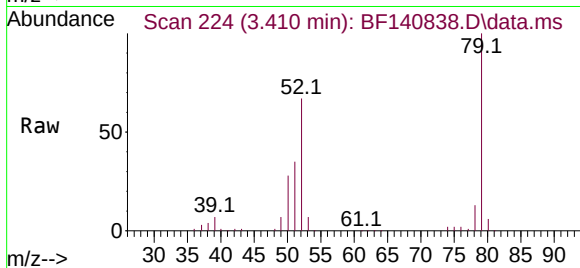
Tgt Ion: 79 Resp: 210365

Ion Ratio Lower Upper

79 100

52 67.4 52.1 78.1

51 34.8 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 37.604 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

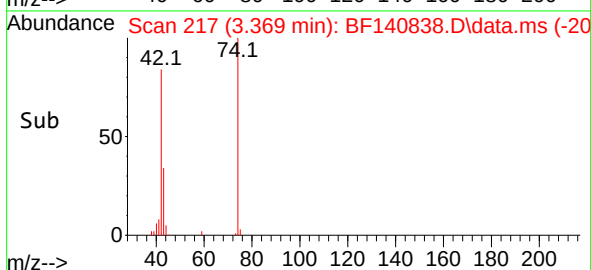
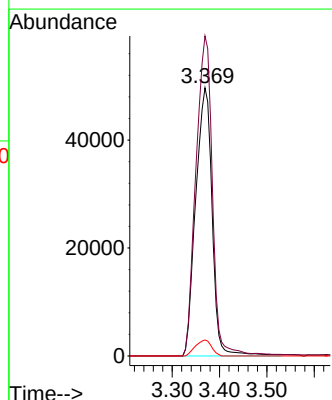
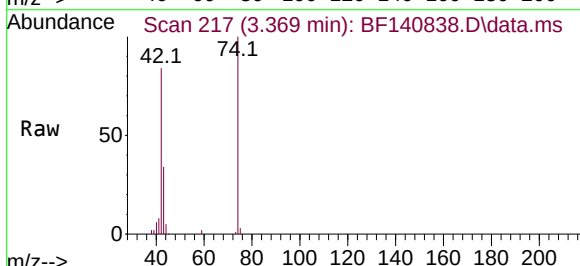
Tgt Ion: 42 Resp: 119612

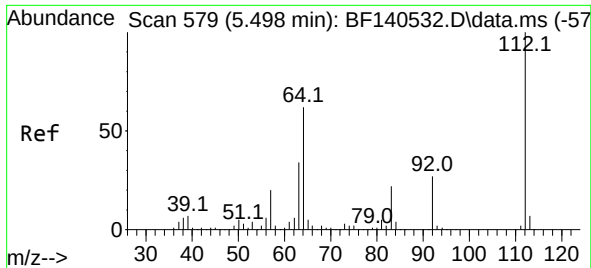
Ion Ratio Lower Upper

42 100

74 119.3 93.8 140.6

44 6.0 4.6 6.8

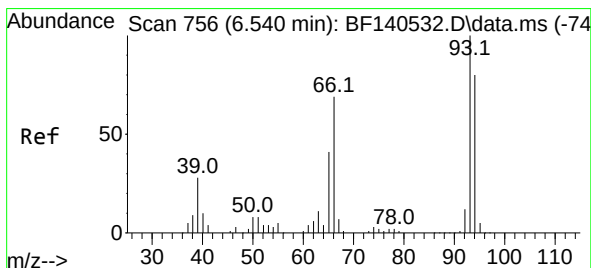
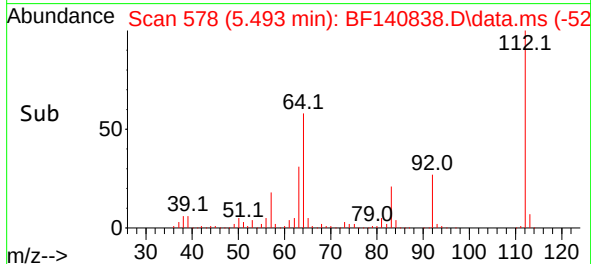
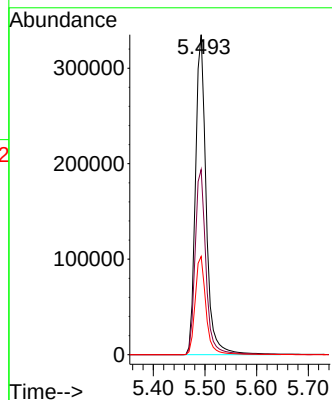
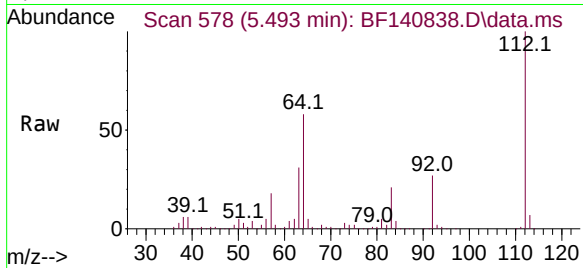




#5
2-Fluorophenol
Concen: 82.629 ng
RT: 5.493 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

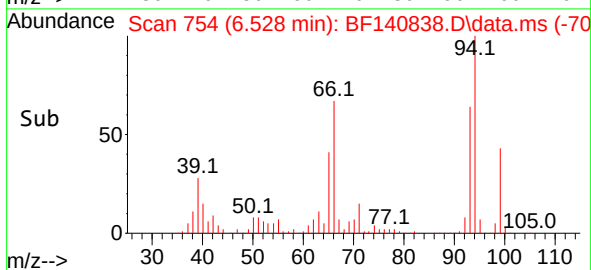
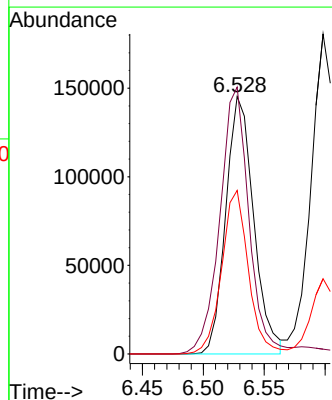
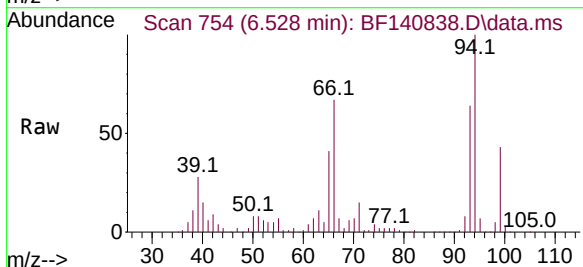
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

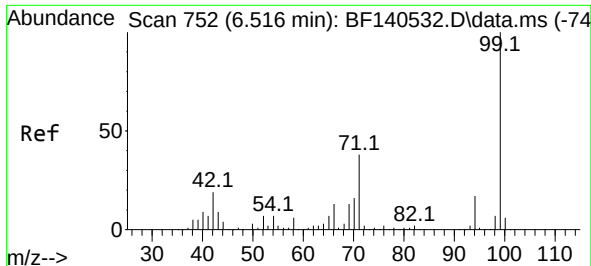
Tgt Ion:112 Resp: 483405
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 30.7 27.0 40.4



#6
Aniline
Concen: 42.523 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 93 Resp: 231483
Ion Ratio Lower Upper
93 100
66 103.6 56.5 84.7#
65 63.5 32.9 49.3#

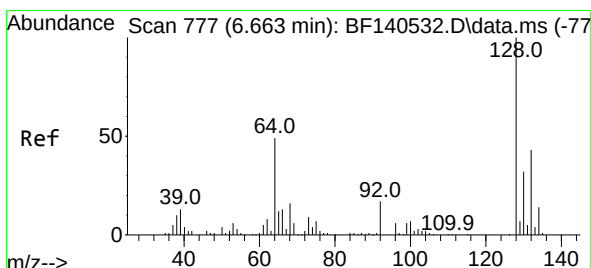
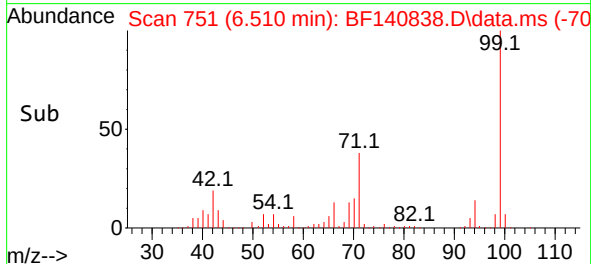
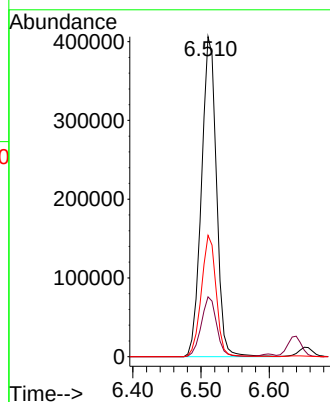
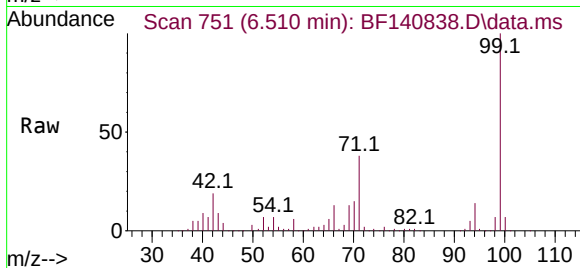




#7
Phenol-d6
Concen: 80.413 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

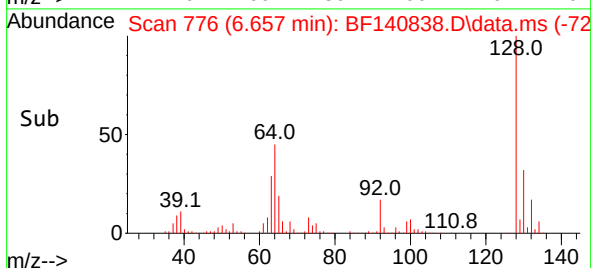
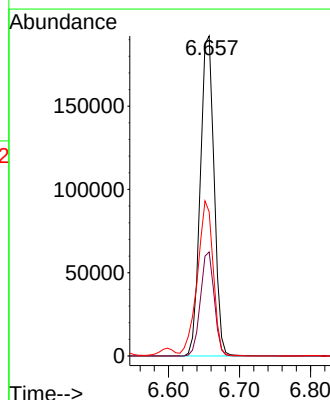
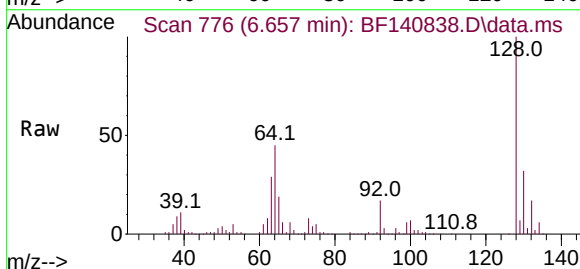
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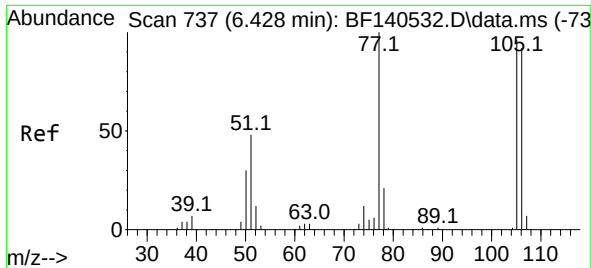
Tgt Ion: 99 Resp: 621929
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.9 30.6 46.0



#8
2-Chlorophenol
Concen: 41.550 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 128 Resp: 261516
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 45.1 30.2 70.2





#9

Benzaldehyde

Concen: 37.130 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

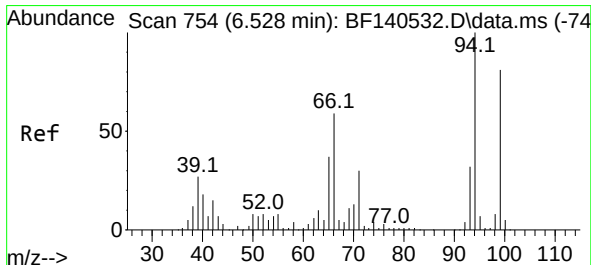
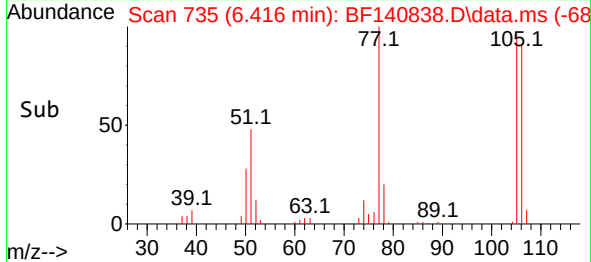
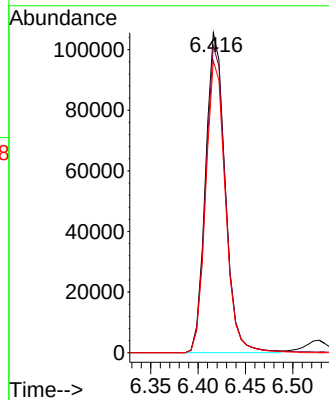
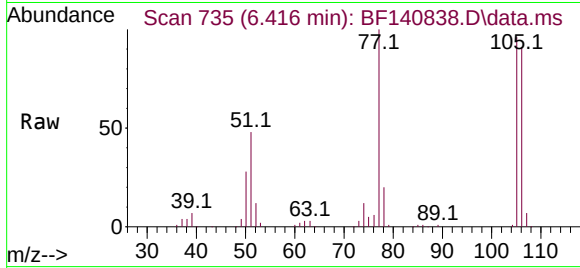
Tgt Ion: 77 Resp: 152023

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

106 91.2 72.0 112.0



#10

Phenol

Concen: 40.669 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

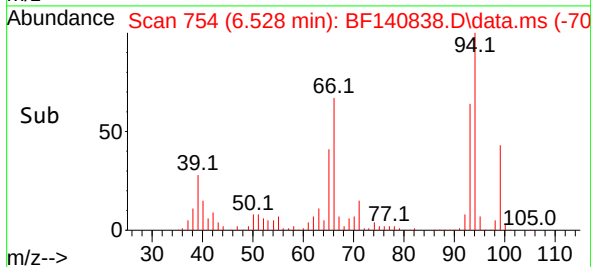
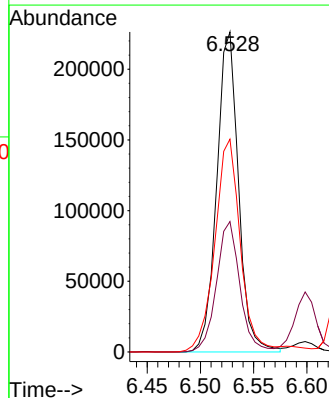
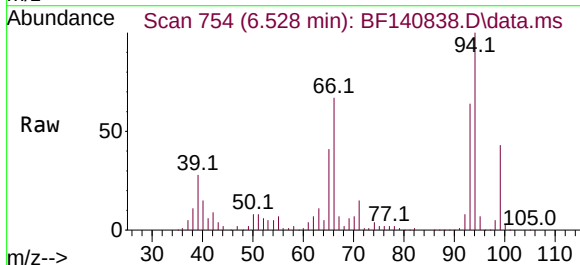
Tgt Ion: 94 Resp: 321227

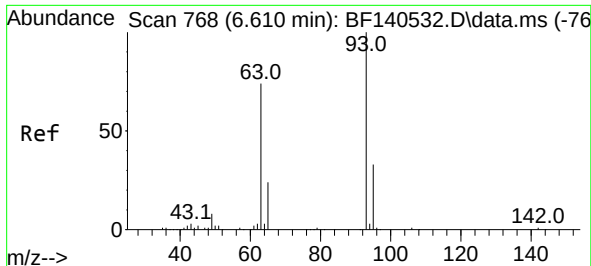
Ion Ratio Lower Upper

94 100

65 40.8 17.2 57.2

66 66.5 39.2 79.2

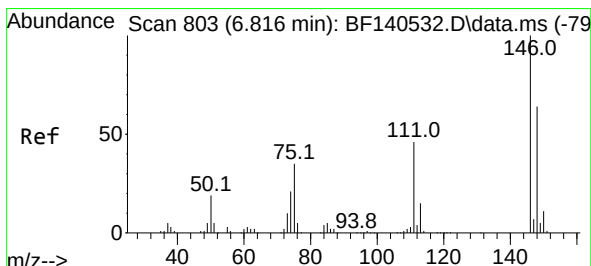
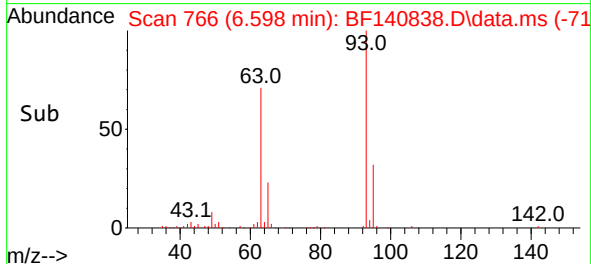
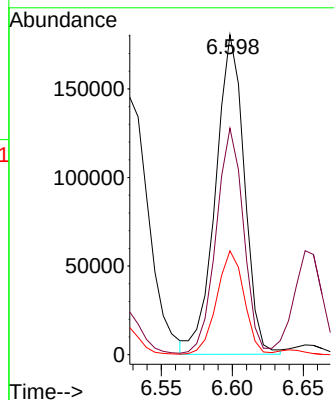
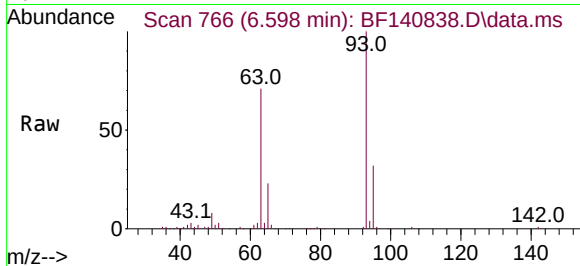




#11
bis(2-Chloroethyl)ether
Concen: 42.053 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

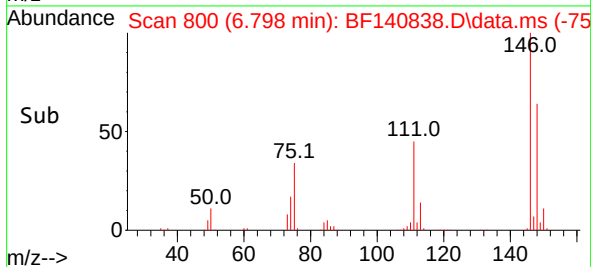
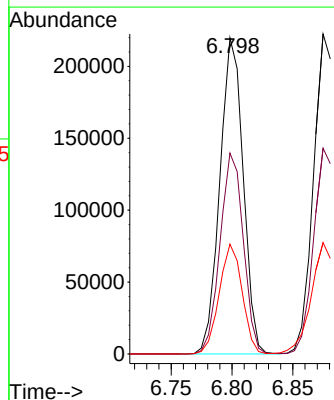
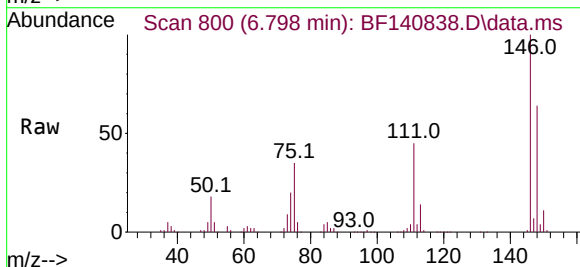
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

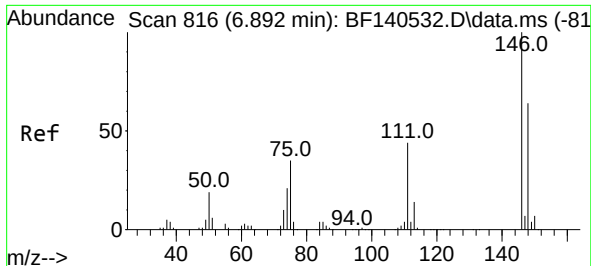
Tgt Ion: 93 Resp: 254176
Ion Ratio Lower Upper
93 100
63 70.7 52.8 92.8
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.457 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:146 Resp: 293192
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 34.7 28.2 42.2

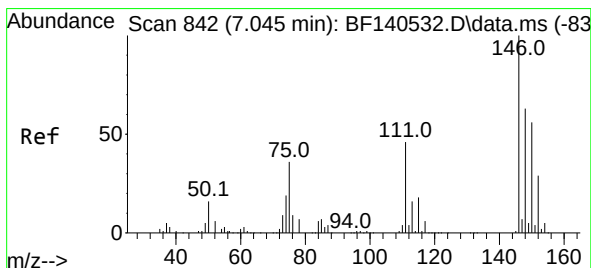
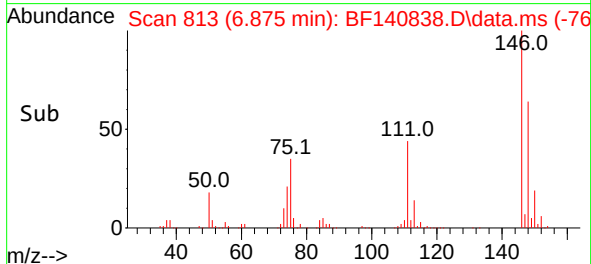
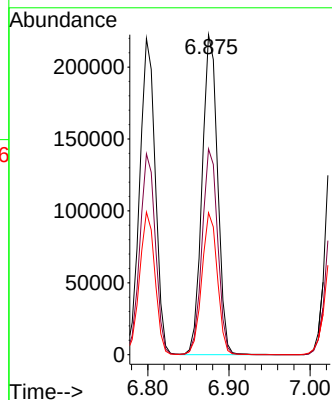
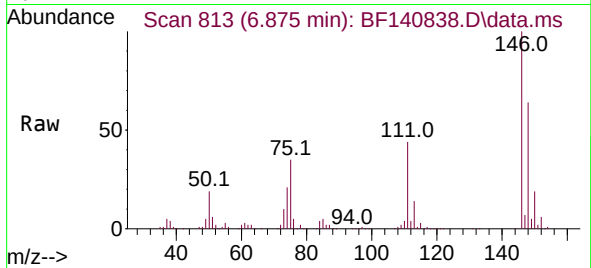




#13
1,4-Dichlorobenzene
Concen: 41.177 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

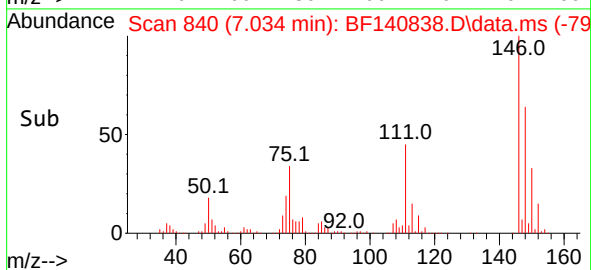
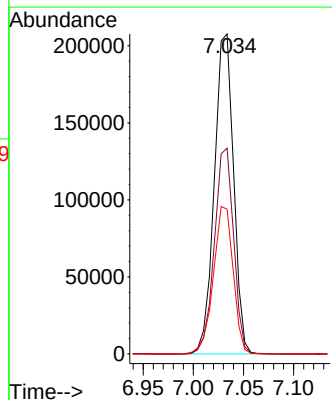
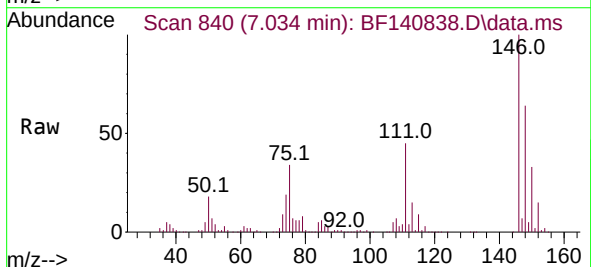
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

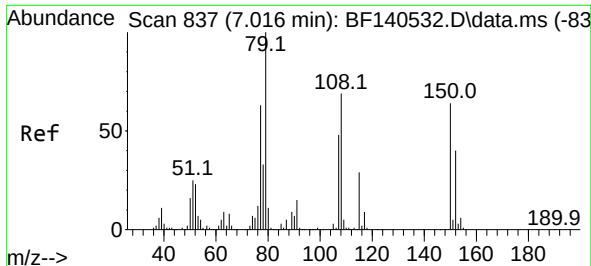
Tgt Ion:146 Resp: 294864
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 44.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 41.328 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:146 Resp: 277315
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 45.3 36.7 55.1

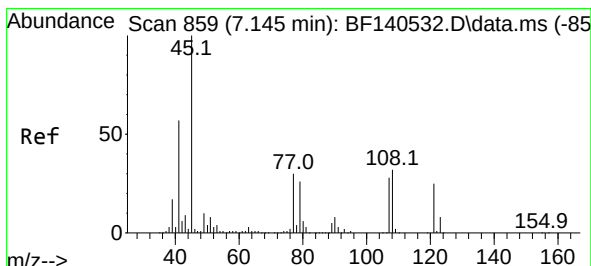
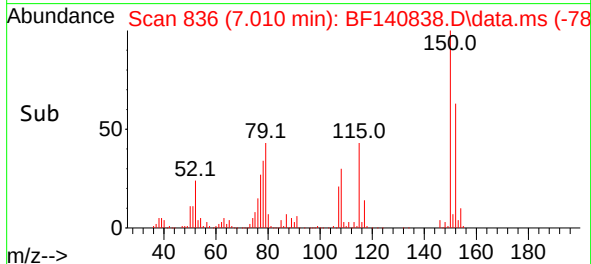
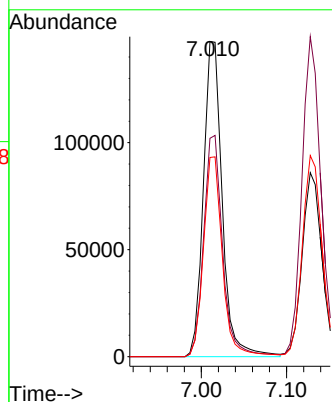
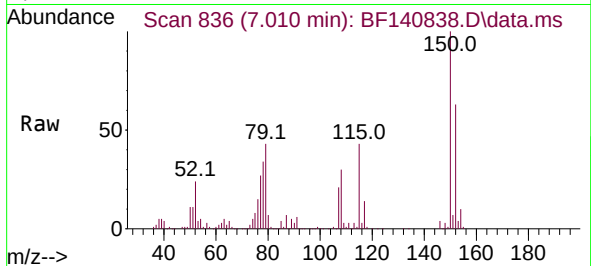




#15
Benzyl Alcohol
Concen: 39.403 ng
RT: 7.010 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

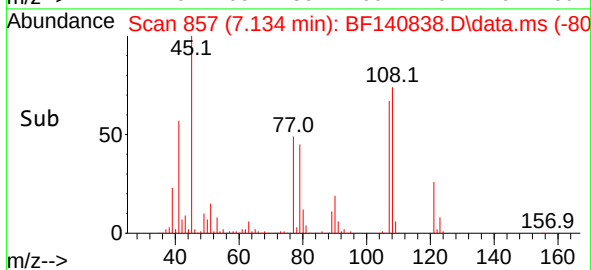
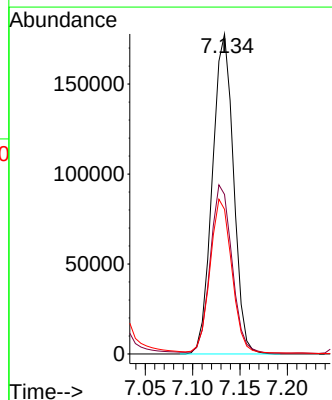
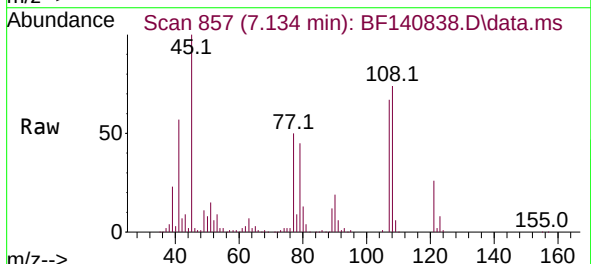
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

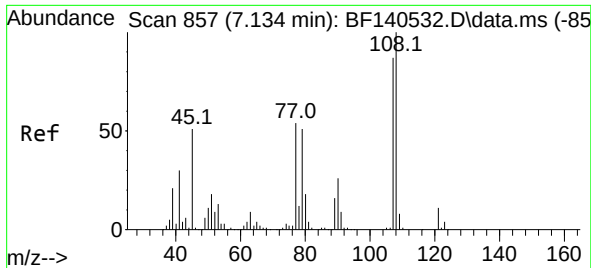
Tgt Ion: 79 Resp: 225999
Ion Ratio Lower Upper
79 100
108 69.3 55.0 82.6
77 63.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.645 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 45 Resp: 275943
Ion Ratio Lower Upper
45 100
77 49.8 10.7 50.7
79 45.2 7.0 47.0

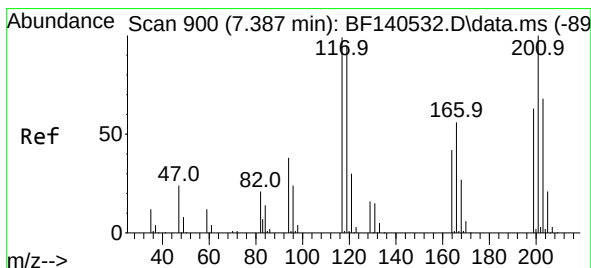
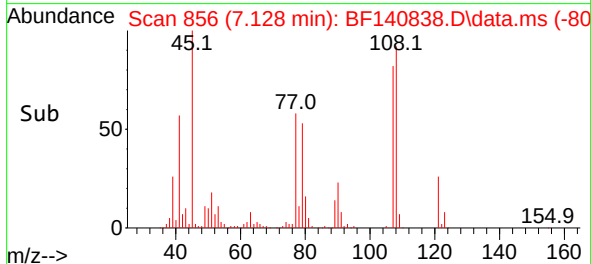
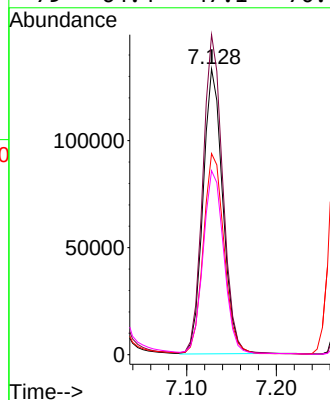
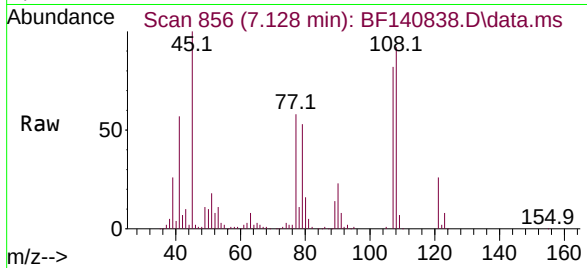




#17
2-Methylphenol
Concen: 40.351 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

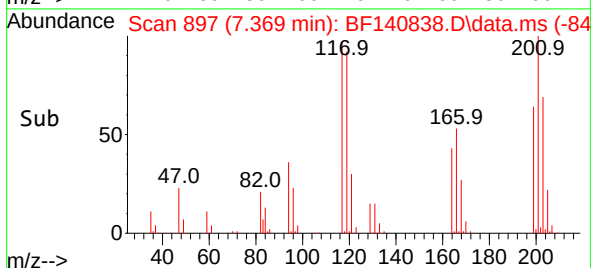
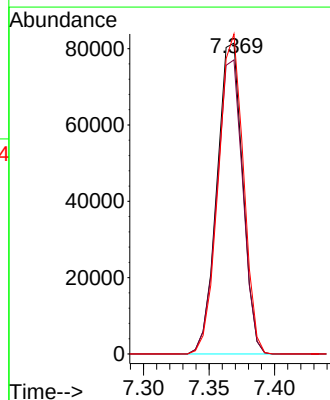
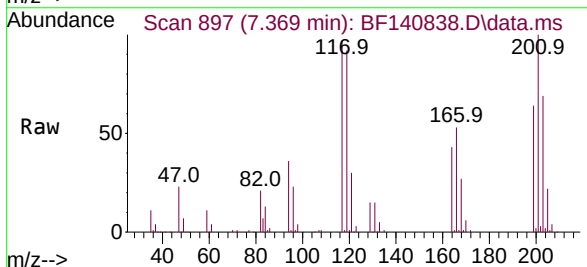
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

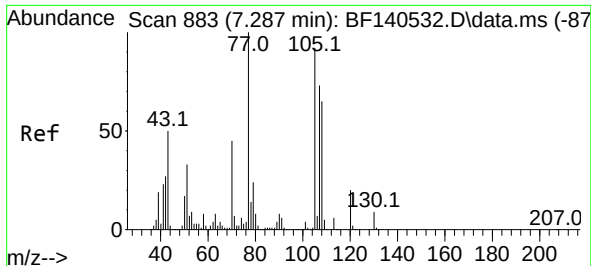
Tgt Ion:107 Resp: 203302
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 70.4 49.3 73.9
79 64.4 47.1 70.7



#18
Hexachloroethane
Concen: 41.357 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:117 Resp: 110611
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
201 102.9 81.1 121.7



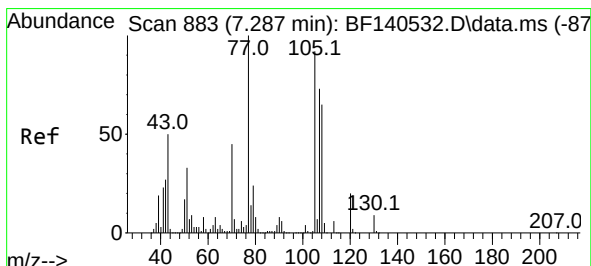
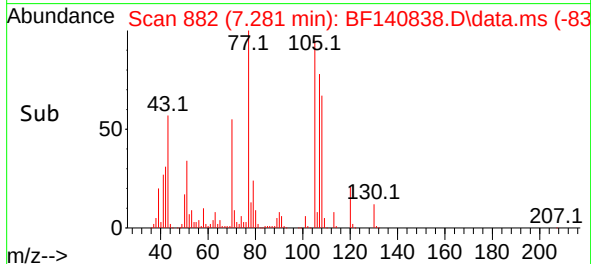
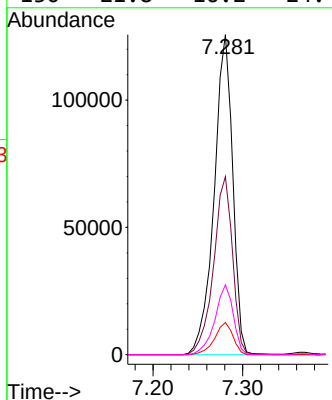
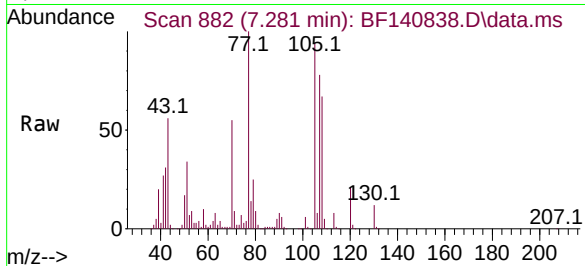


#19
n-Nitroso-di-n-propylamine
Concen: 39.560 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 180826

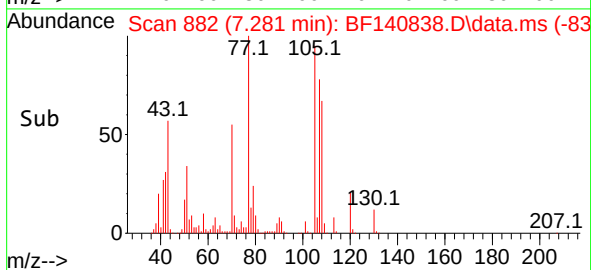
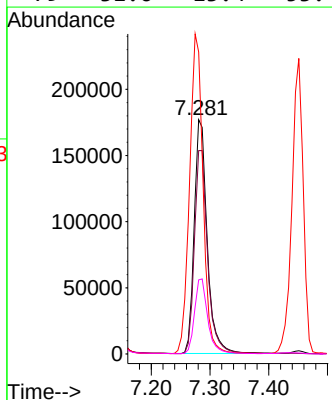
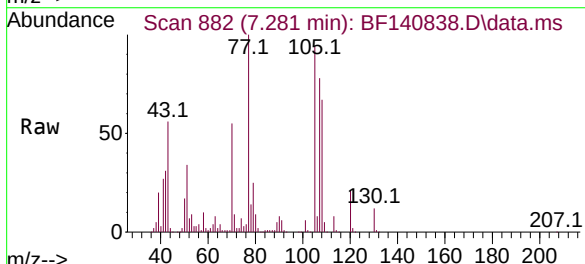
Ion	Ratio	Lower	Upper
70	100		
42	55.7	47.6	71.4
101	10.0	7.6	11.4
130	21.8	16.2	24.4

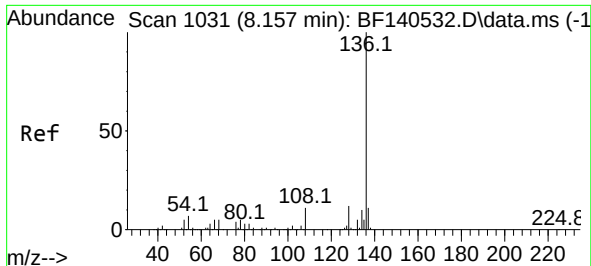


#20
3+4-Methylphenols
Concen: 41.814 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 107 Resp: 270788

Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.9	109.9
77	128.9	117.7	157.7
79	31.6	13.4	53.4

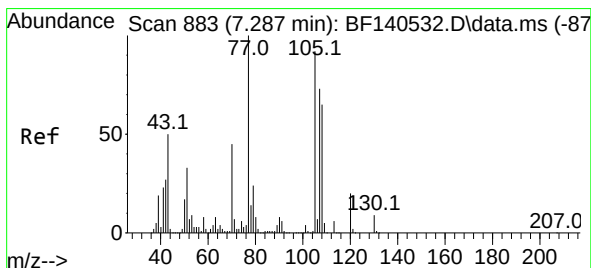
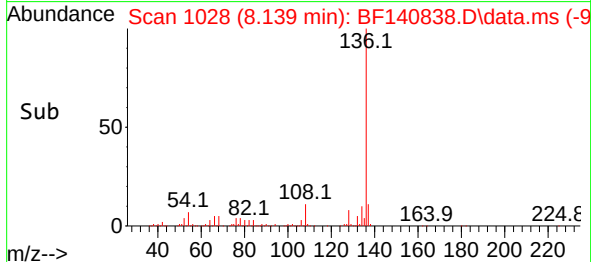
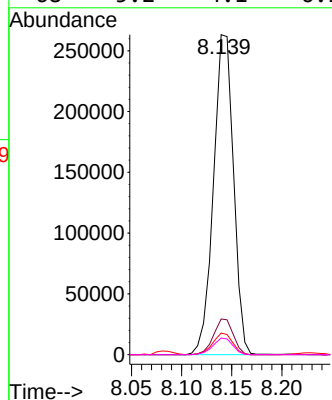
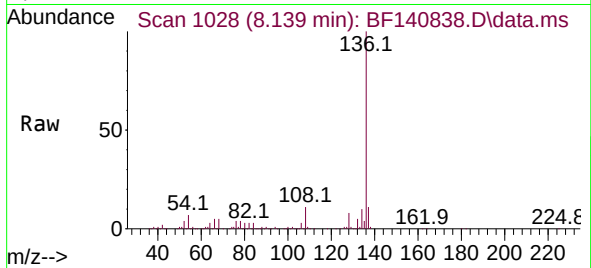




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

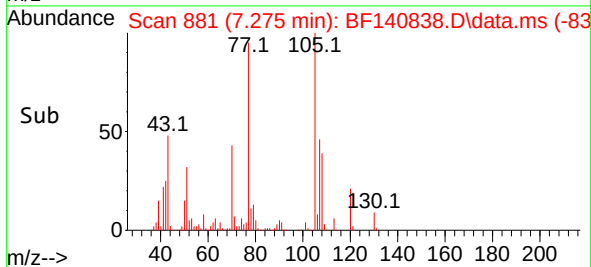
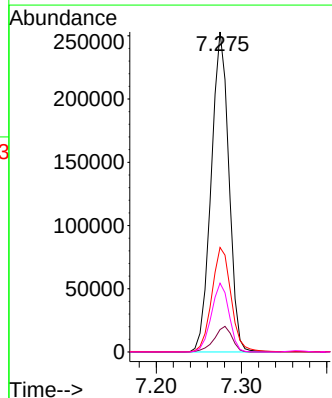
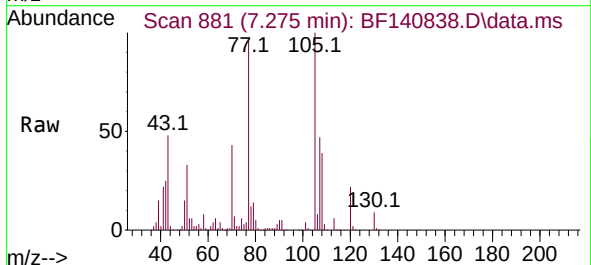
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

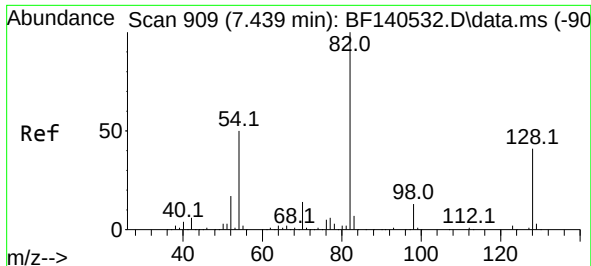
Tgt	Ion:136	Resp:	366214
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.7	5.8	8.8
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 40.909 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt	Ion:105	Resp:	365241
Ion	Ratio	Lower	Upper
105	100		
71	7.0	6.2	9.2
51	32.7	29.0	43.6
120	21.5	17.4	26.0

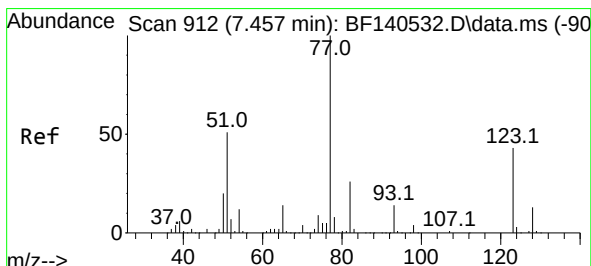
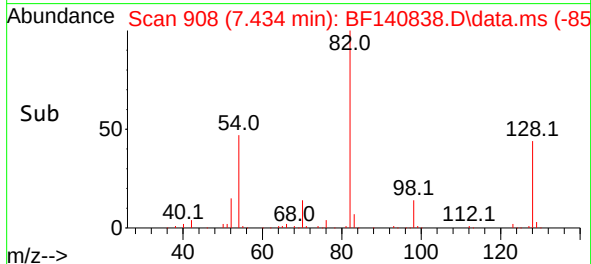
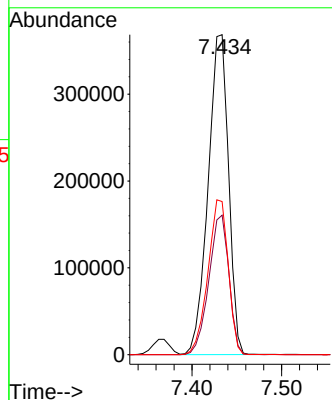
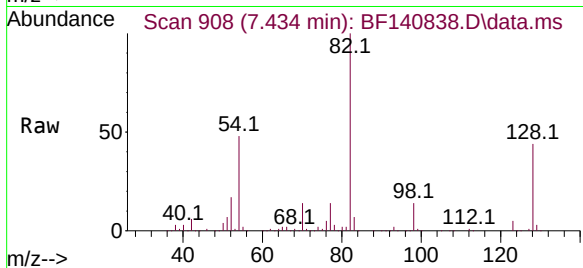




#23
Nitrobenzene-d5
Concen: 81.356 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

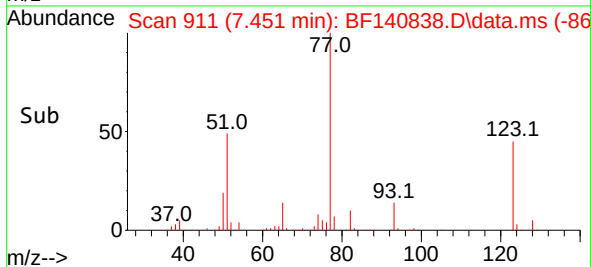
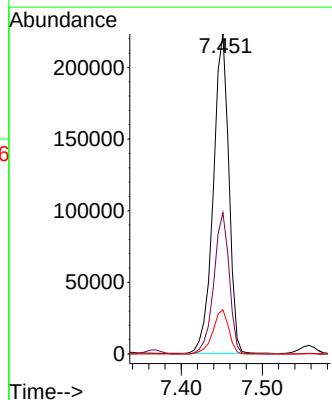
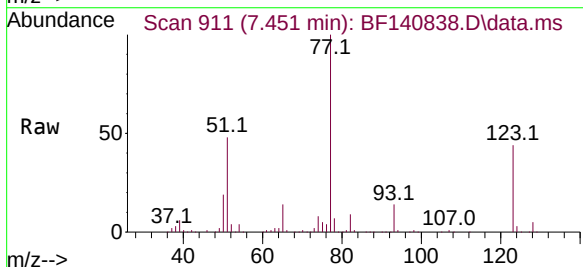
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

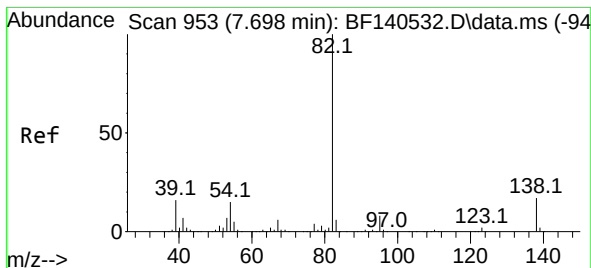
Tgt Ion: 82 Resp: 582472
Ion Ratio Lower Upper
82 100
128 43.6 33.0 49.4
54 47.9 39.5 59.3



#24
Nitrobenzene
Concen: 40.092 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 77 Resp: 296666
Ion Ratio Lower Upper
77 100
123 44.2 34.3 51.5
65 13.8 11.2 16.8





#25

Isophorone

Concen: 39.954 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

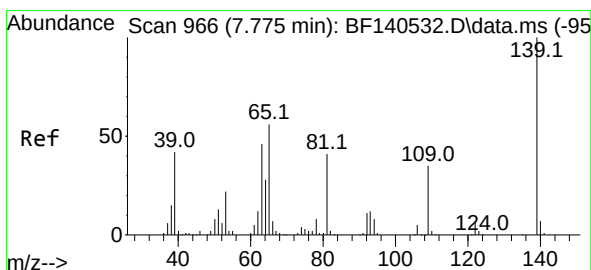
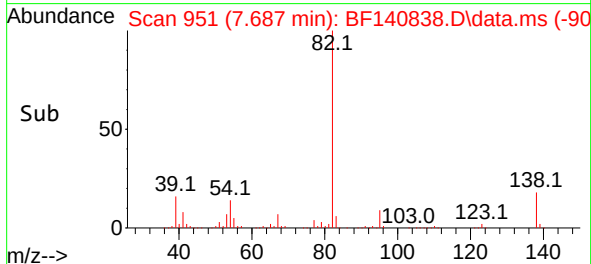
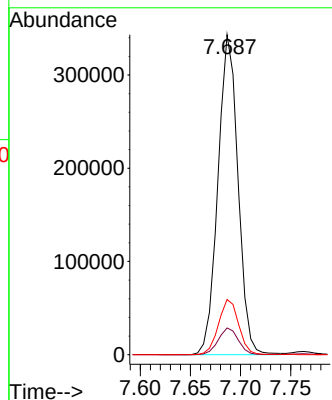
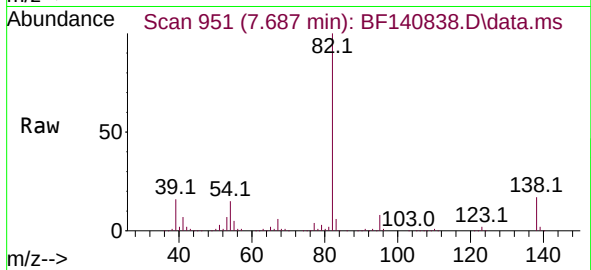
Tgt Ion: 82 Resp: 477120

Ion Ratio Lower Upper

82 100

95 8.3 6.4 9.6

138 17.3 13.8 20.6



#26

2-Nitrophenol

Concen: 43.327 ng

RT: 7.763 min Scan# 964

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

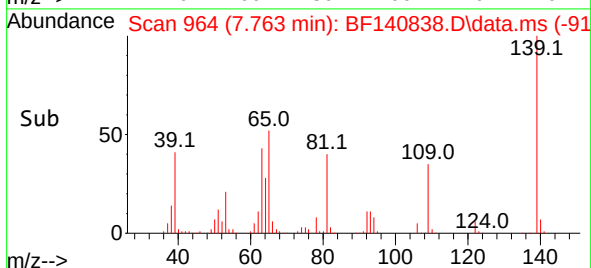
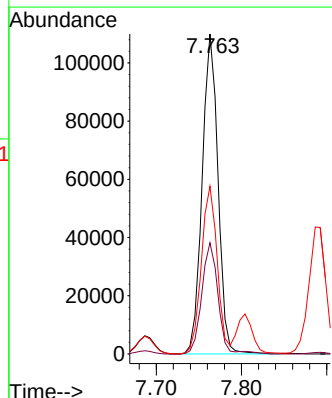
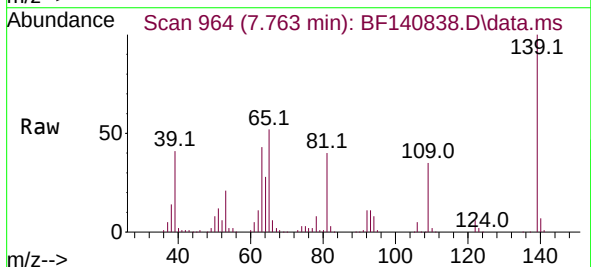
Tgt Ion:139 Resp: 142078

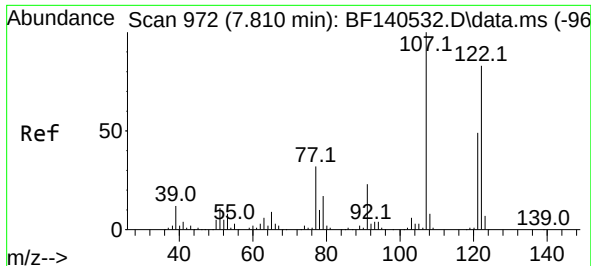
Ion Ratio Lower Upper

139 100

109 34.7 28.0 42.0

65 52.4 44.6 67.0

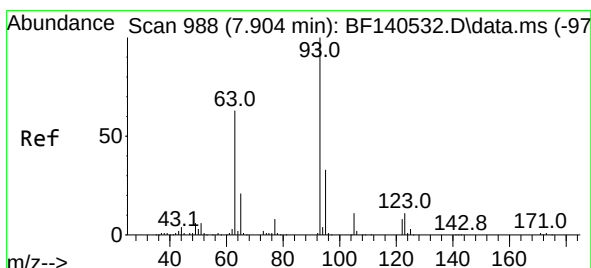
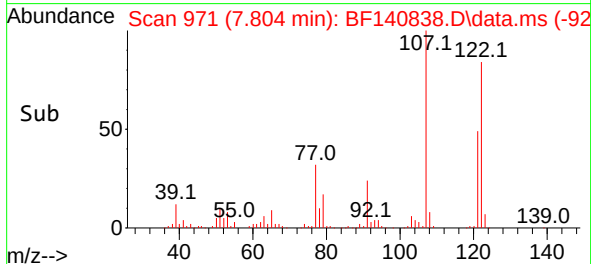
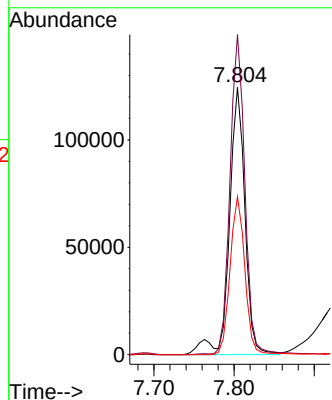
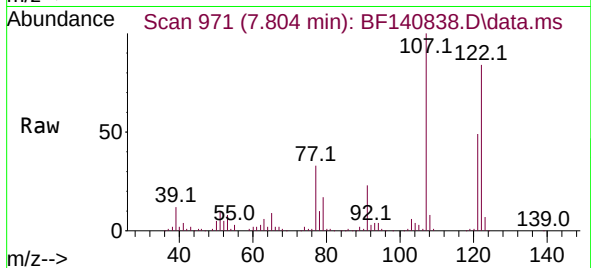




#27
2,4-Dimethylphenol
Concen: 42.880 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

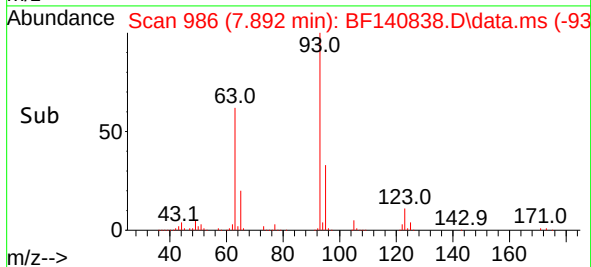
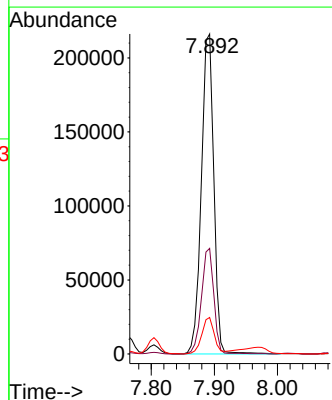
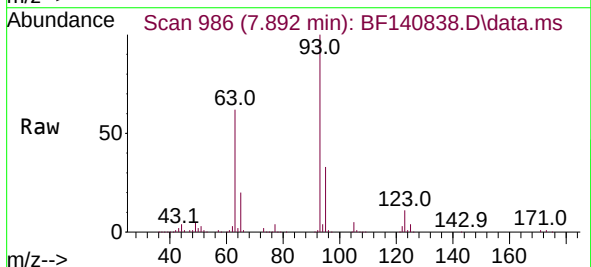
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

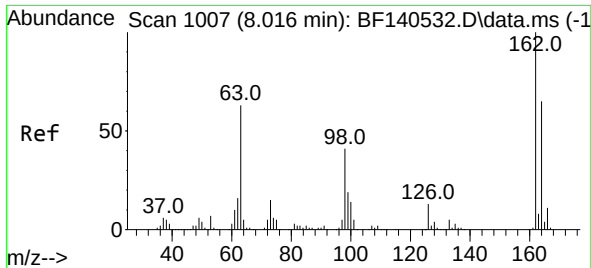
Tgt Ion:122 Resp: 168237
Ion Ratio Lower Upper
122 100
107 119.7 96.8 145.2
121 59.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.778 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion: 93 Resp: 296652
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 42.325 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

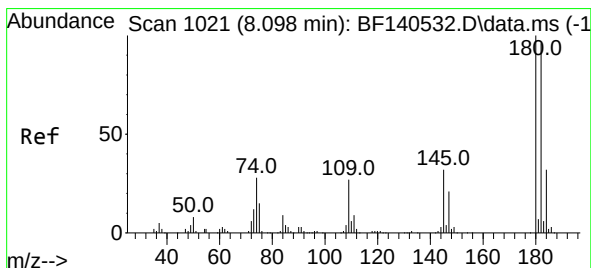
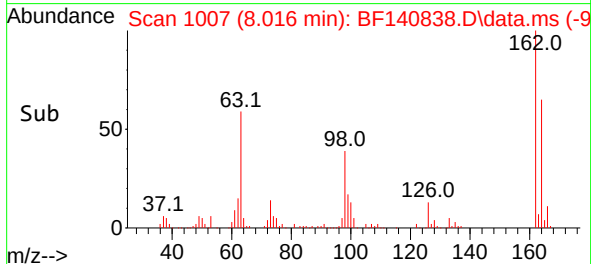
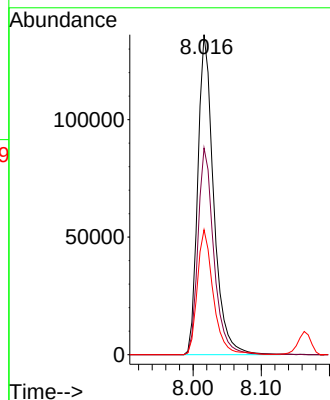
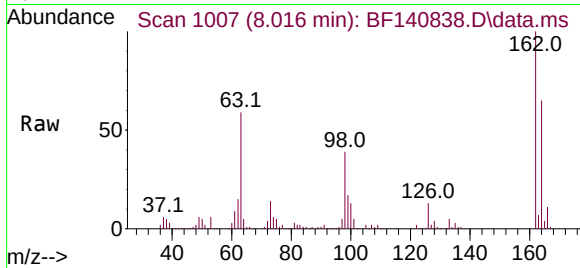
Tgt Ion:162 Resp: 220046

Ion Ratio Lower Upper

162 100

164 64.6 44.8 84.8

98 39.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 42.356 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

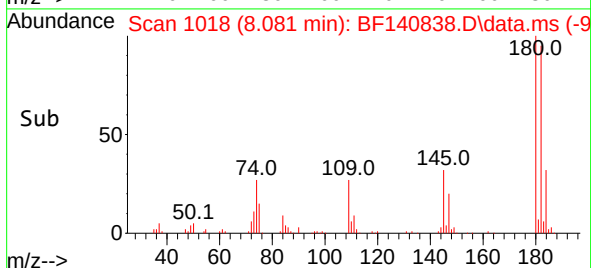
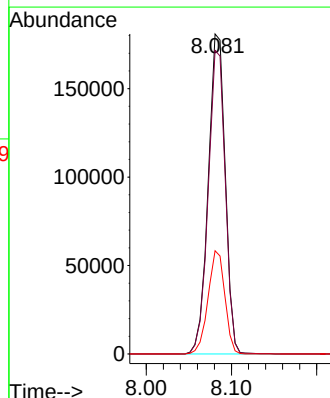
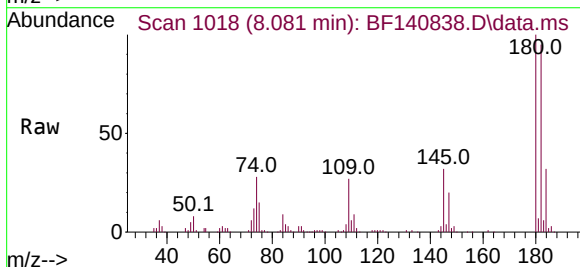
Tgt Ion:180 Resp: 251426

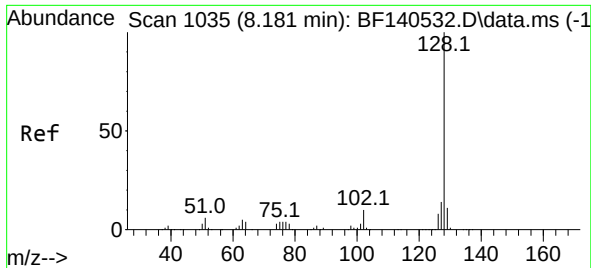
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 32.2 25.9 38.9

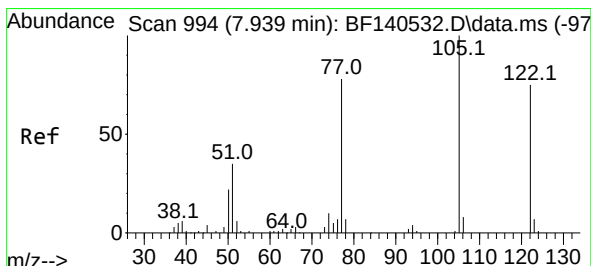
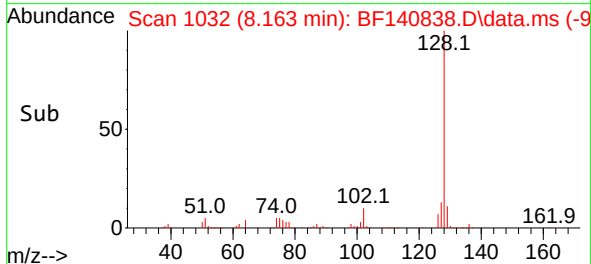
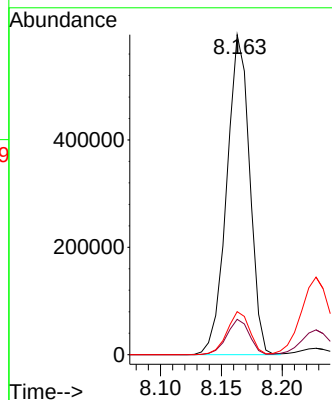
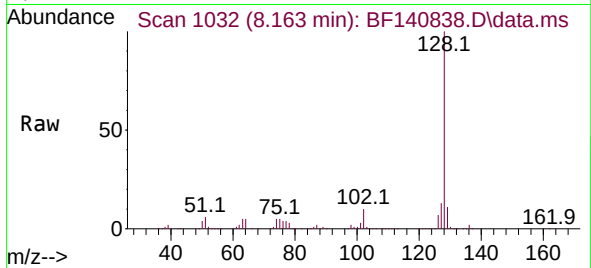




#31
Naphthalene
Concen: 41.459 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

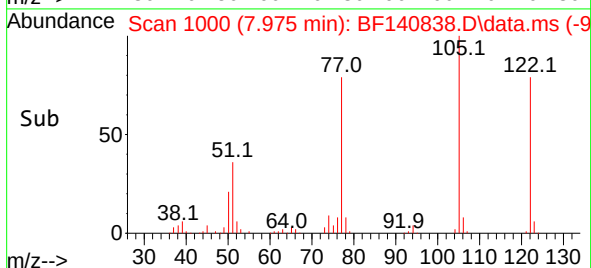
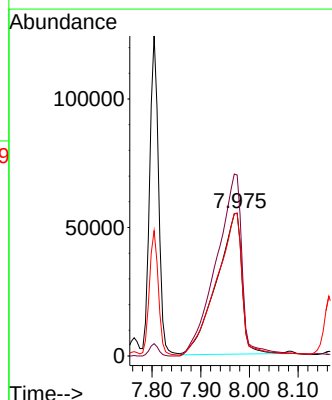
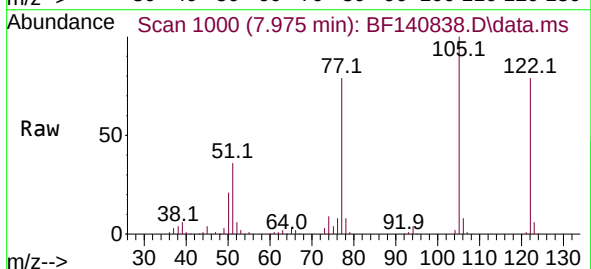
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

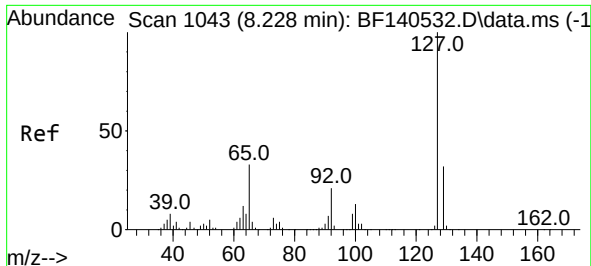
Tgt Ion:128 Resp: 782053
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 56.516 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.036 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:122 Resp: 198086
Ion Ratio Lower Upper
122 100
105 126.6 109.3 149.3
77 99.7 82.3 122.3

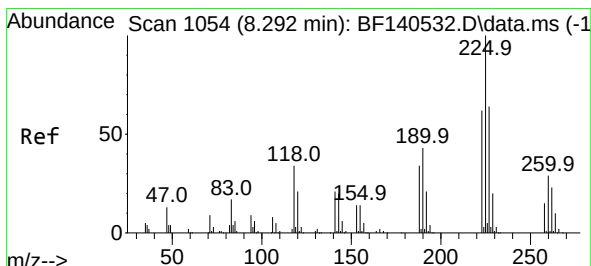
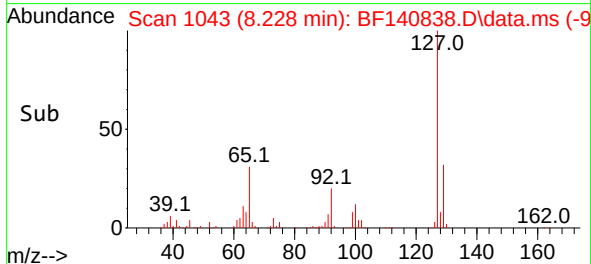
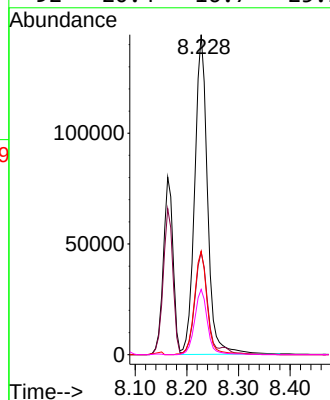
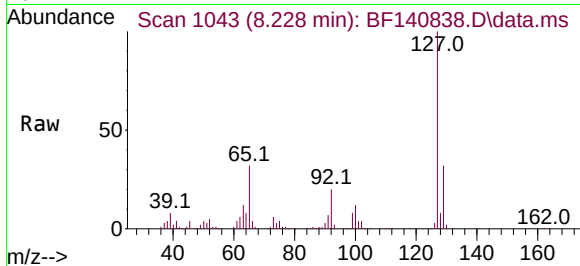




#33
4-Chloroaniline
Concen: 44.020 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

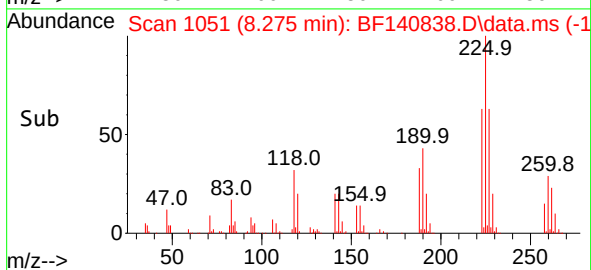
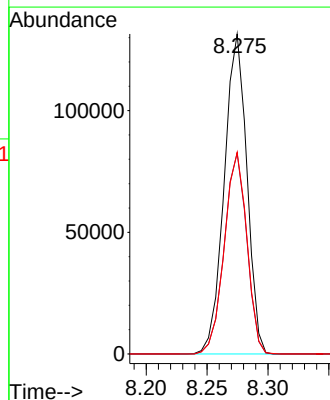
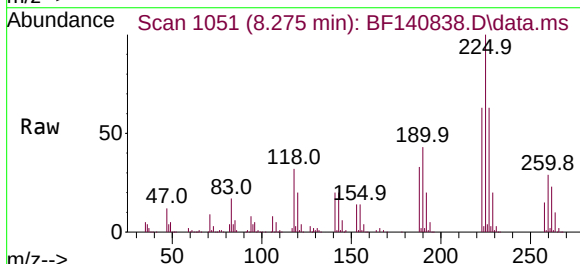
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

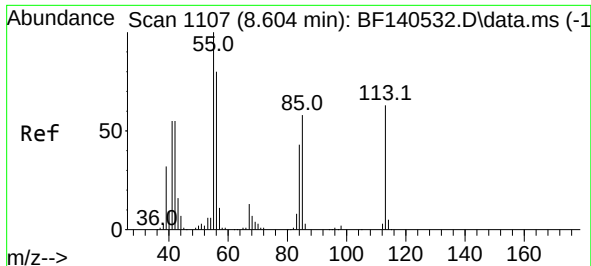
Tgt Ion:	127	Resp:	248612
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.0	39.0
65	32.4	26.0	39.0
92	20.4	16.7	25.1



#34
Hexachlorobutadiene
Concen: 43.283 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:	225	Resp:	170175
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	63.0	51.3	76.9

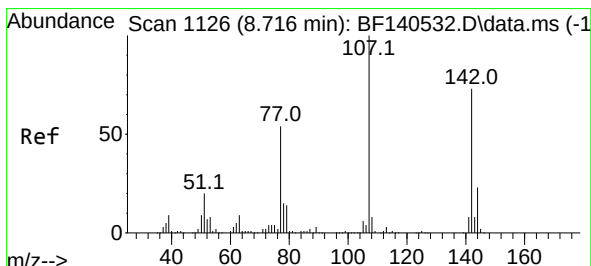
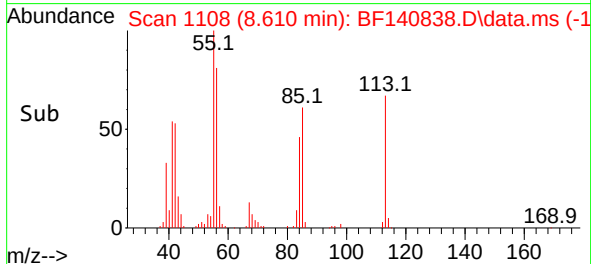
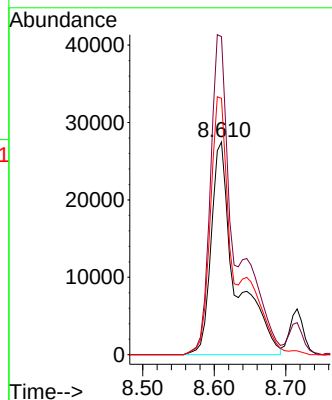
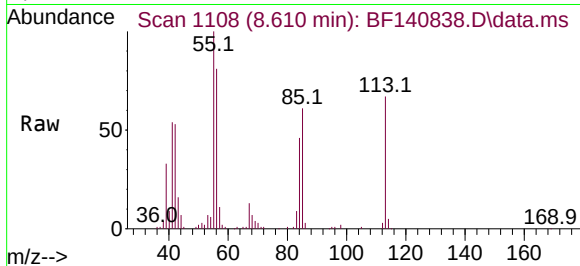




#35
 Caprolactam
 Concen: 40.986 ng m
 RT: 8.610 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

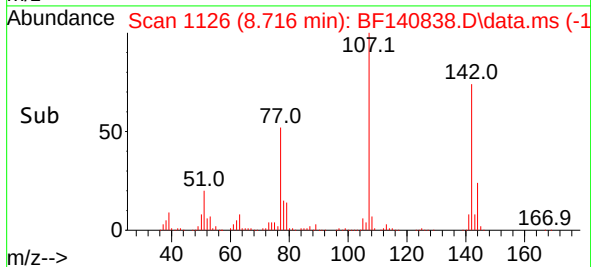
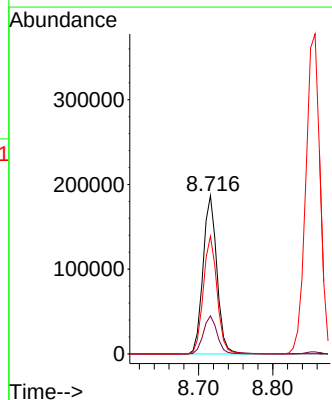
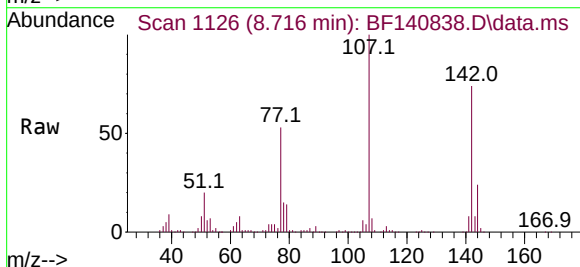
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

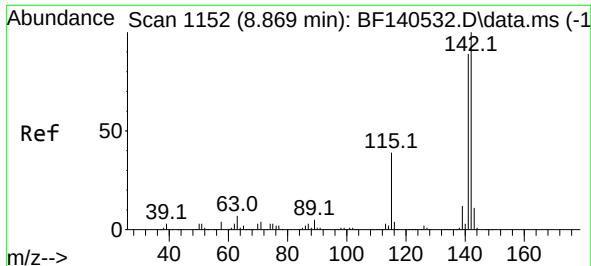
Tgt Ion:113 Resp: 65942
 Ion Ratio Lower Upper
 113 100
 55 149.5 137.7 177.7
 56 120.5 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 42.020 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140838.D
 Acq: 13 Dec 2024 12:14

Tgt Ion:107 Resp: 244591
 Ion Ratio Lower Upper
 107 100
 144 24.0 18.7 28.1
 142 74.3 58.3 87.5





#37

2-Methylnaphthalene

Concen: 41.936 ng

RT: 8.857 min Scan# 1150

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

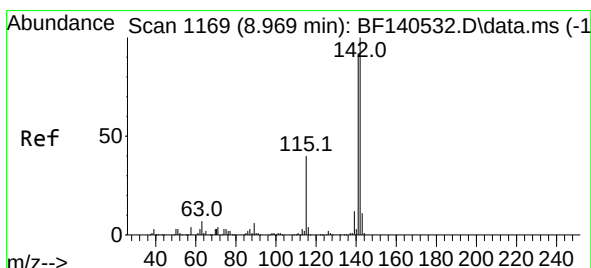
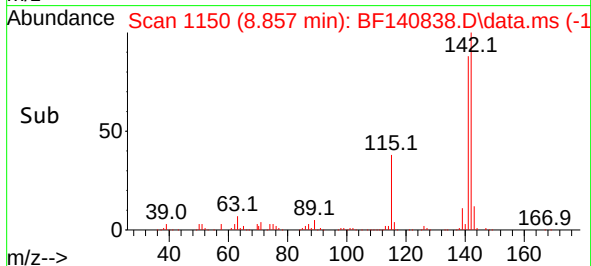
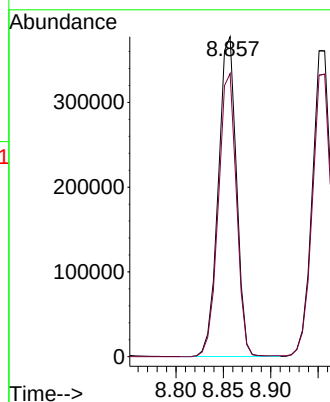
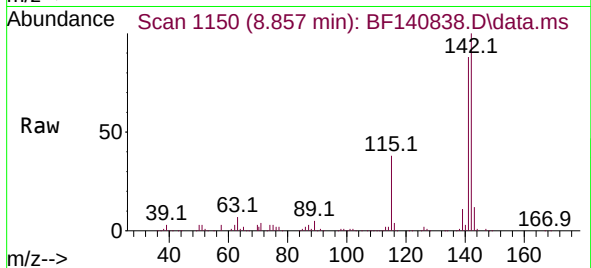
SSTDCCC040

Tgt Ion:142 Resp: 502446

Ion Ratio Lower Upper

142 100

141 88.5 71.0 106.6



#38

1-Methylnaphthalene

Concen: 41.891 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BF140838.D

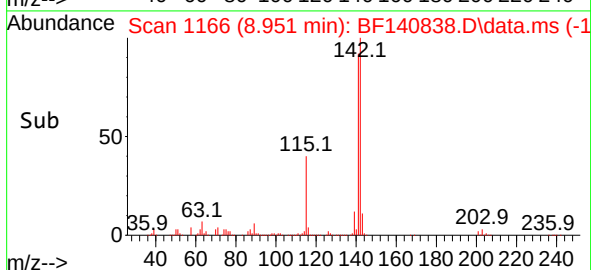
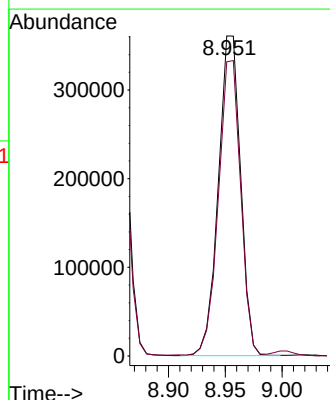
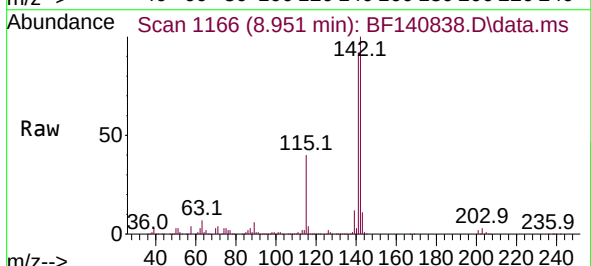
Acq: 13 Dec 2024 12:14

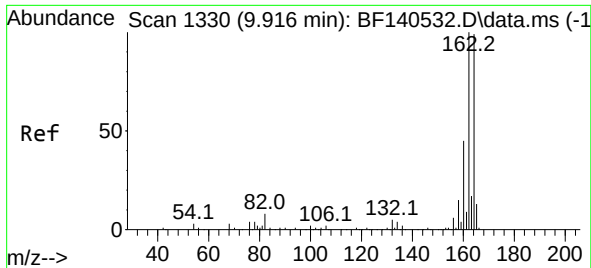
Tgt Ion:142 Resp: 491967

Ion Ratio Lower Upper

142 100

141 92.0 73.3 109.9

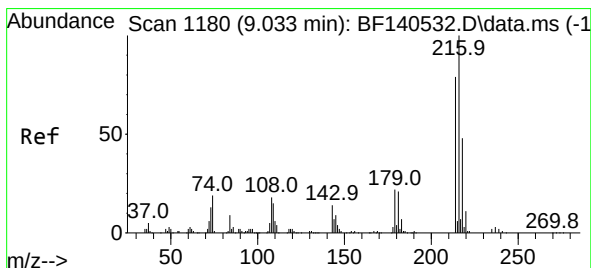
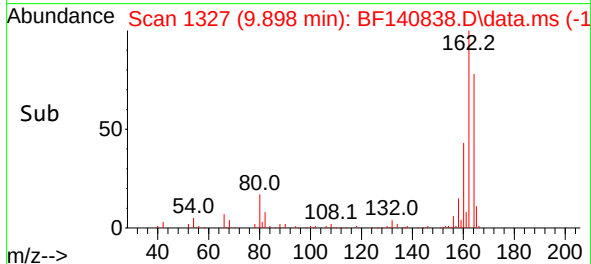
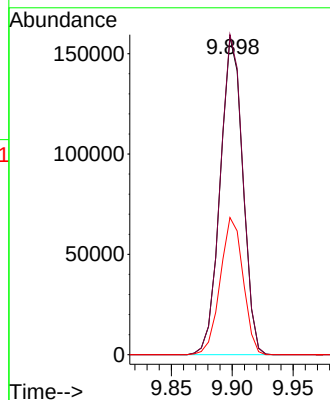
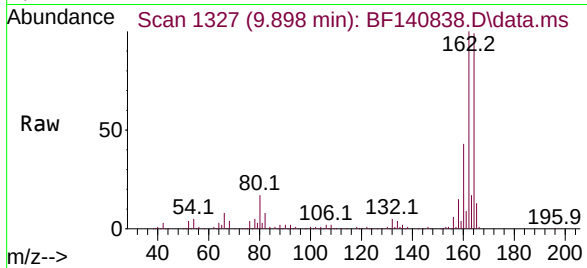




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

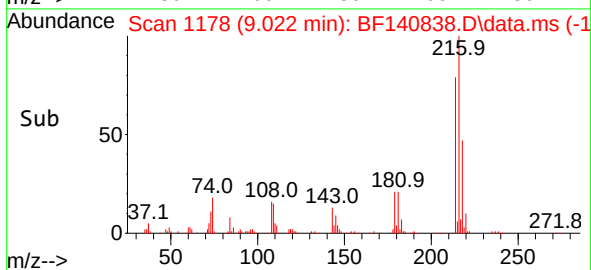
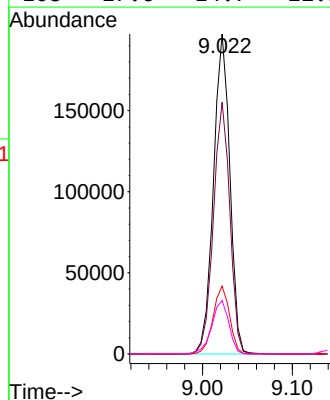
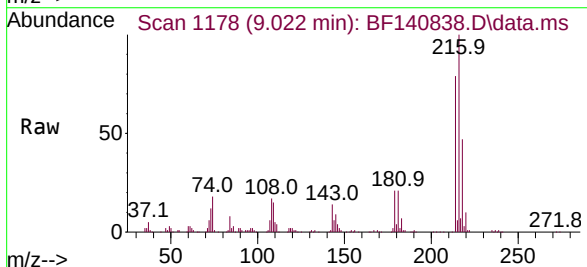
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

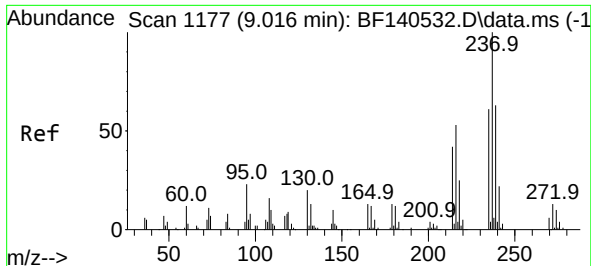
Tgt Ion:164 Resp: 204323
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 43.2 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.781 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:216 Resp: 249916
Ion Ratio Lower Upper
216 100
214 79.0 63.0 94.4
179 21.3 17.5 26.3
108 17.6 14.7 22.1

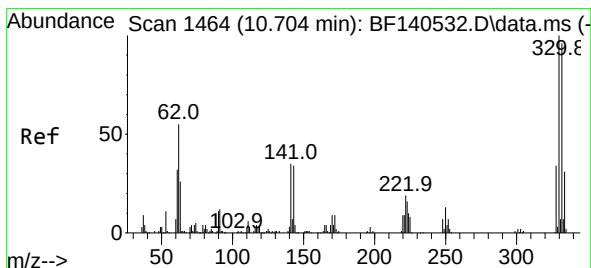
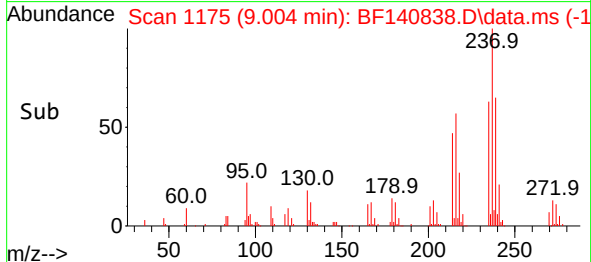
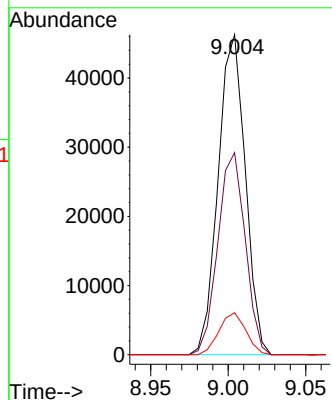
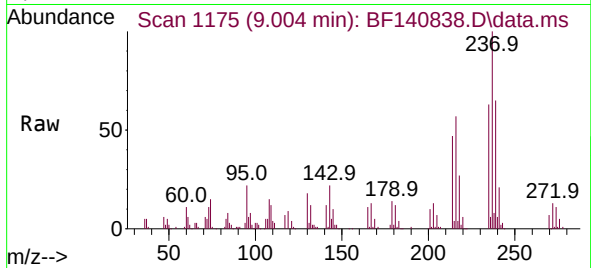




#41
Hexachlorocyclopentadiene
Concen: 45.407 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

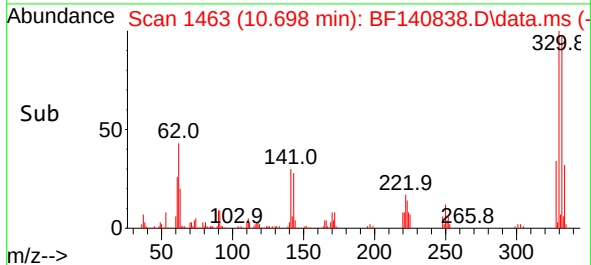
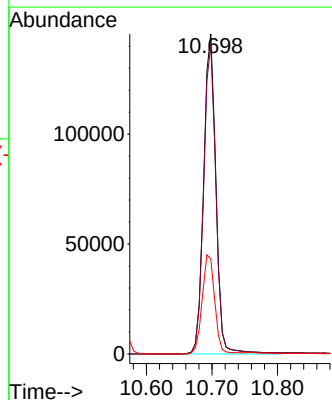
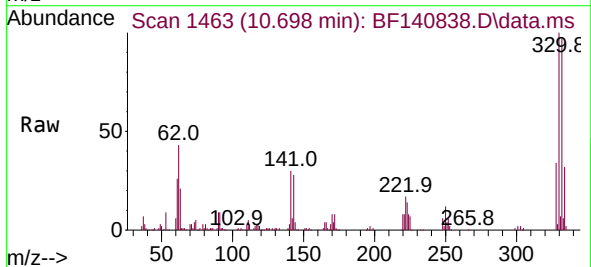
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

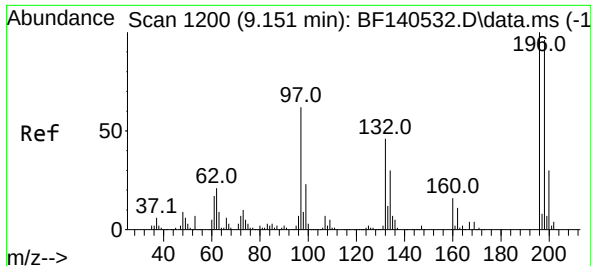
Tgt Ion:237 Resp: 56386
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.1 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 86.950 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:330 Resp: 190007
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 31.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 40.228 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

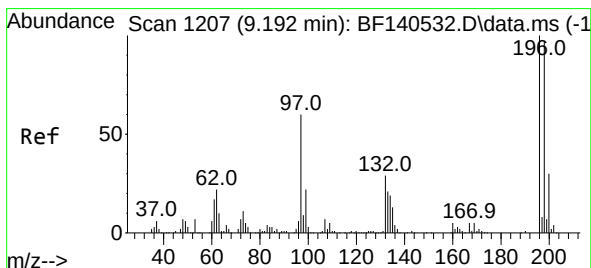
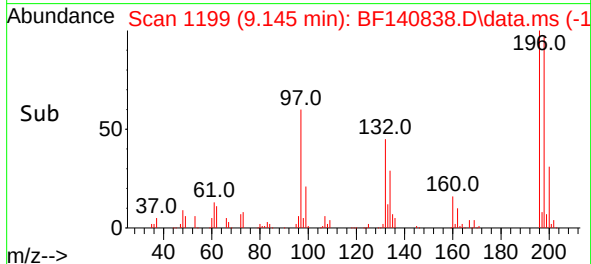
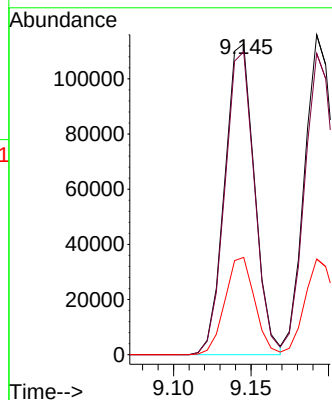
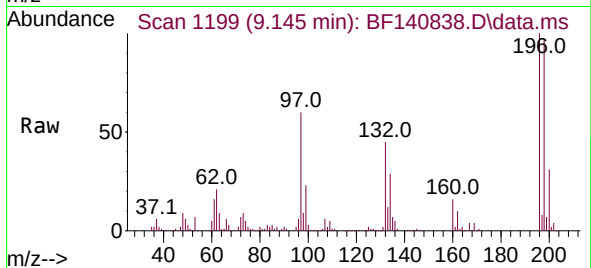
Tgt Ion:196 Resp: 150989

Ion Ratio Lower Upper

196 100

198 97.4 76.8 115.2

200 31.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 41.591 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Tgt Ion:196 Resp: 169419

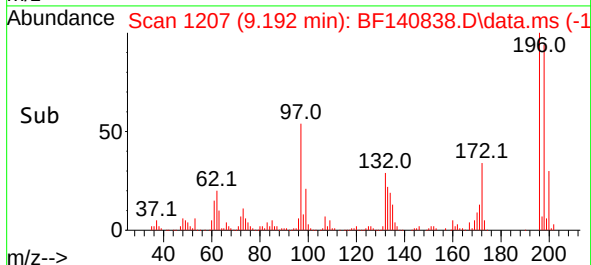
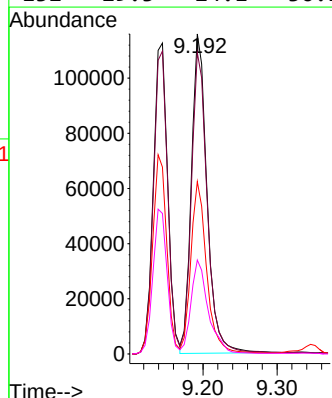
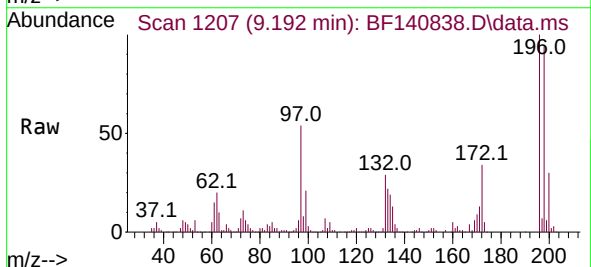
Ion Ratio Lower Upper

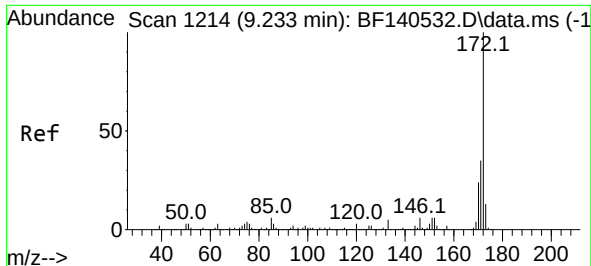
196 100

198 94.1 77.2 115.8

97 53.9 47.1 70.7

132 29.3 24.1 36.1

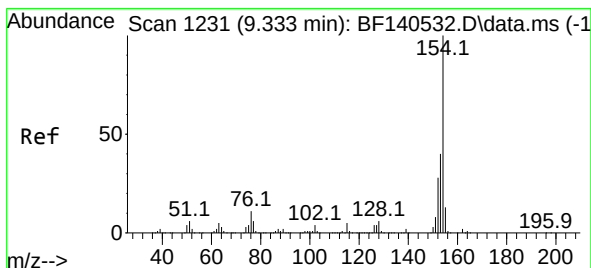
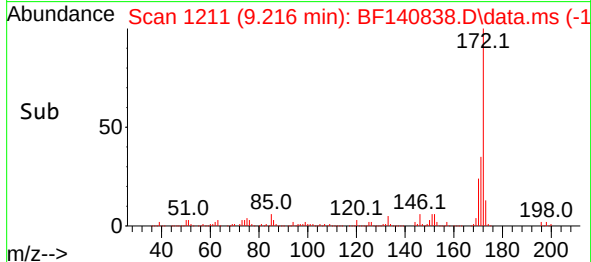
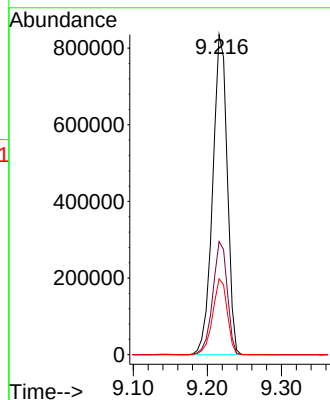
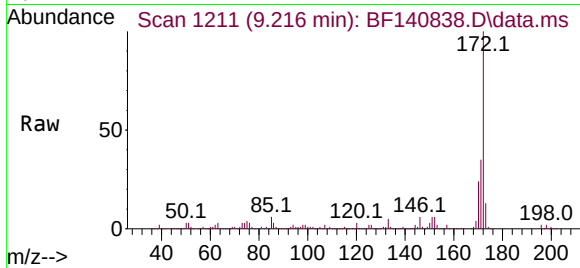




#45
2-Fluorobiphenyl
Concen: 82.865 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

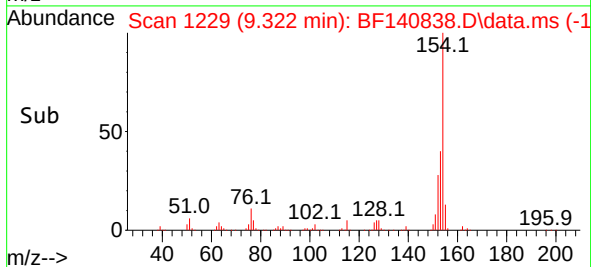
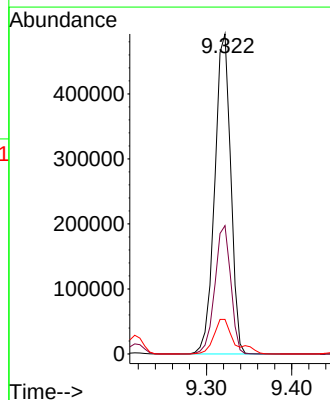
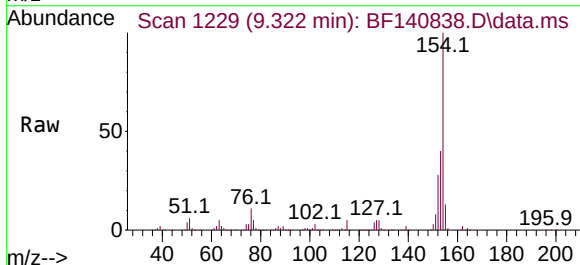
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

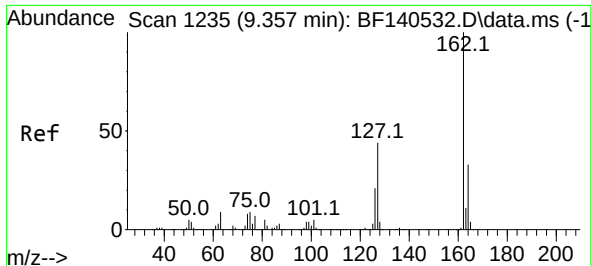
Tgt Ion:172 Resp: 1136362
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.972 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:154 Resp: 640280
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 10.8 0.0 31.2





#47

2-Chloronaphthalene

Concen: 42.131 ng

RT: 9.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

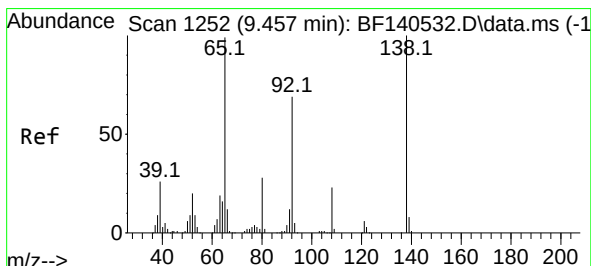
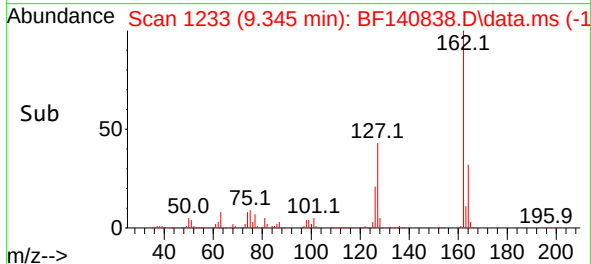
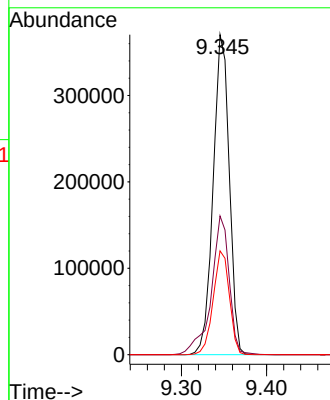
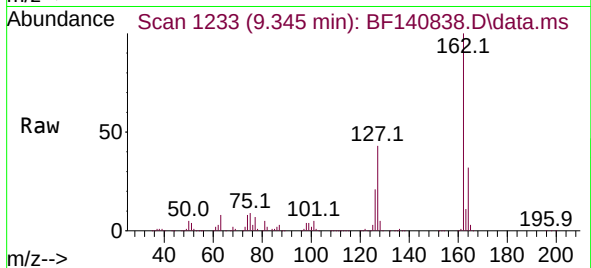
Tgt Ion:162 Resp: 486995

Ion Ratio Lower Upper

162 100

127 43.4 35.7 53.5

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 41.225 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

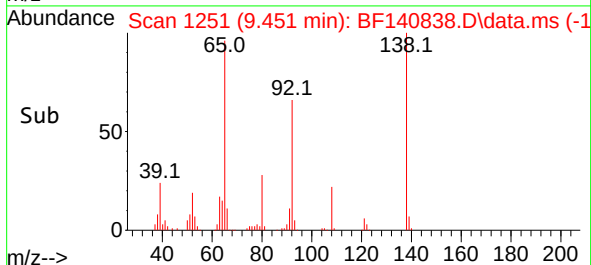
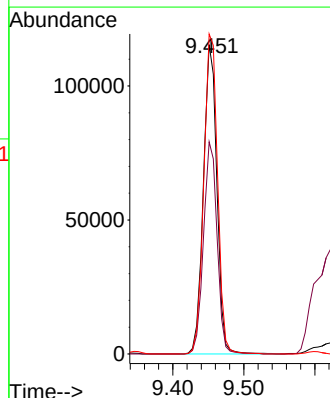
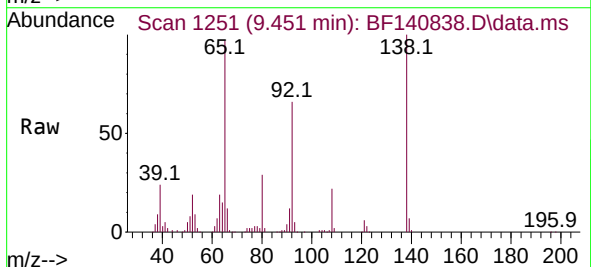
Tgt Ion: 65 Resp: 152955

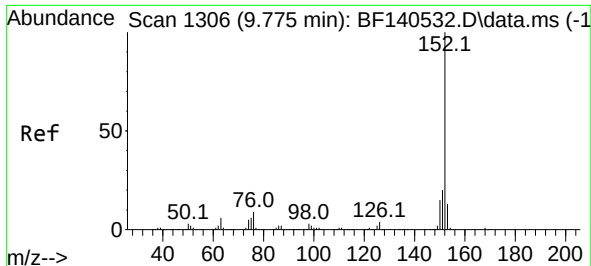
Ion Ratio Lower Upper

65 100

92 68.6 56.1 84.1

138 103.5 81.0 121.6

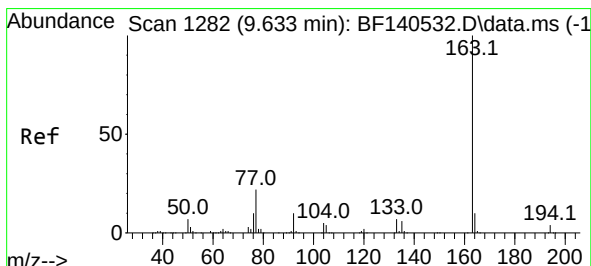
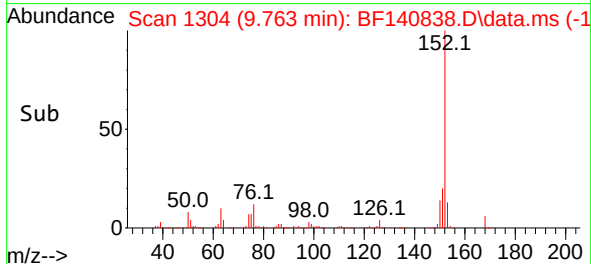
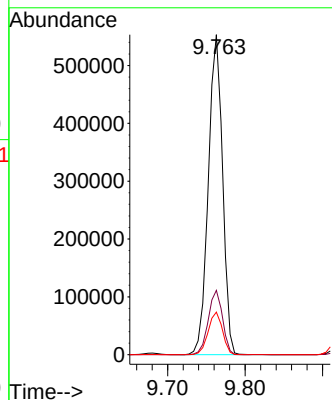
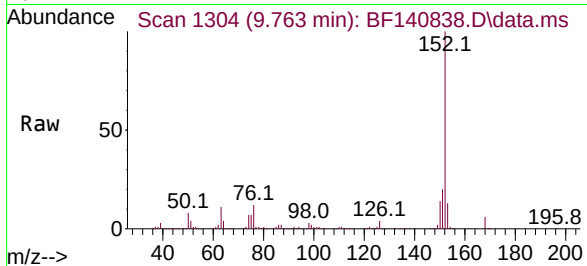




#49
Acenaphthylene
Concen: 40.487 ng
RT: 9.763 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

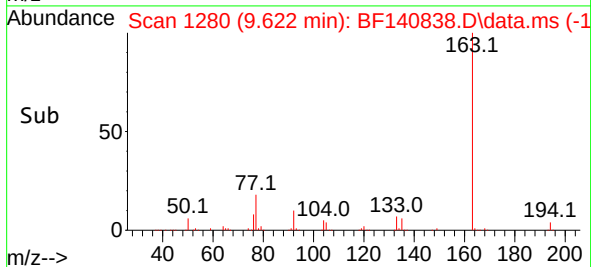
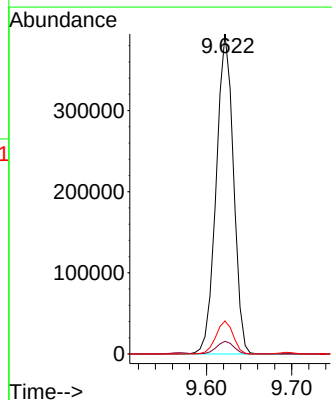
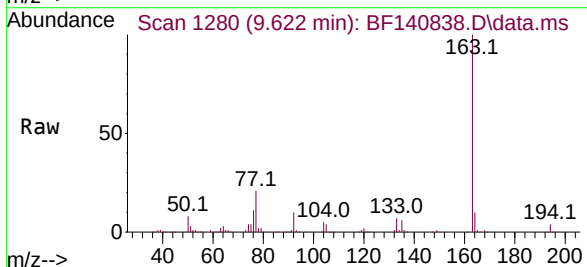
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

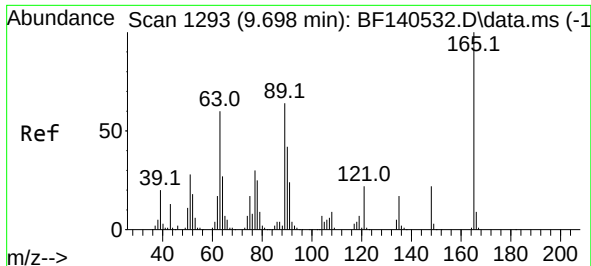
Tgt Ion:152 Resp: 707104
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0



#50
Dimethylphthalate
Concen: 41.245 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:163 Resp: 555016
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.355 ng

RT: 9.692 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

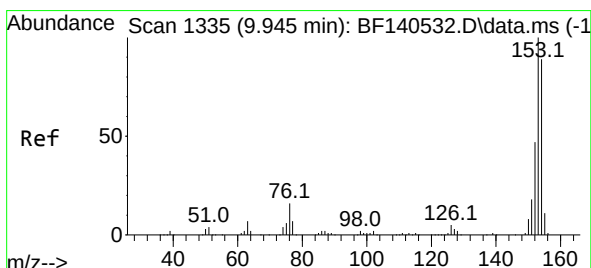
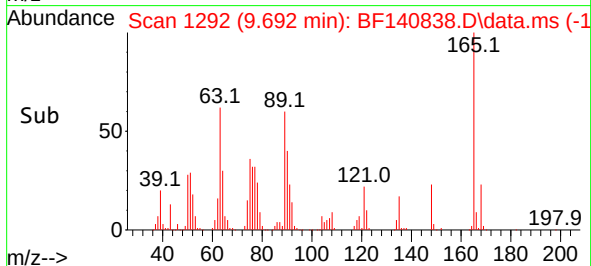
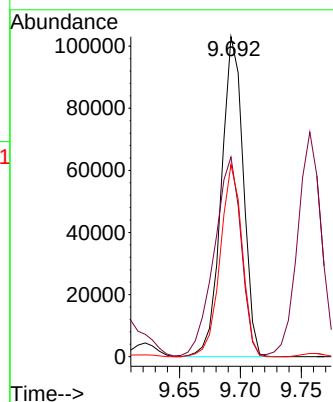
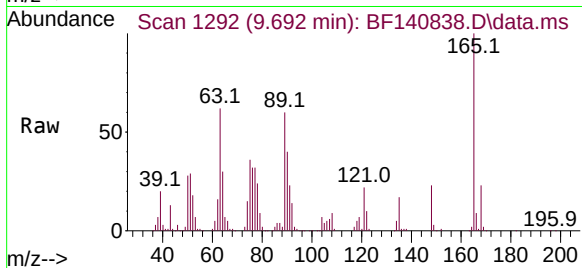
Tgt Ion:165 Resp: 129263

Ion Ratio Lower Upper

165 100

63 62.4 49.9 74.9

89 60.1 50.9 76.3



#52

Acenaphthene

Concen: 41.094 ng

RT: 9.933 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

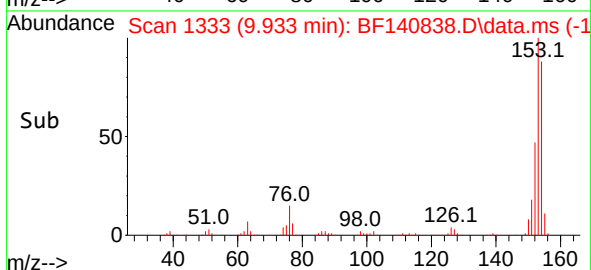
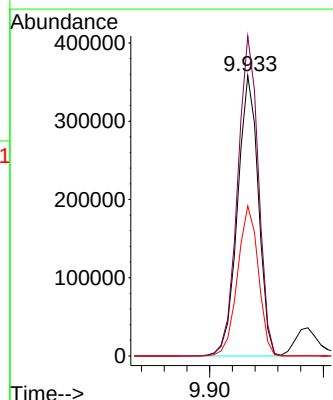
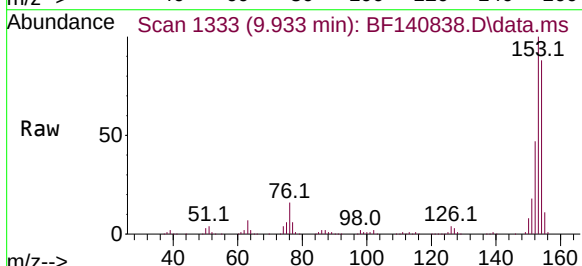
Tgt Ion:154 Resp: 456020

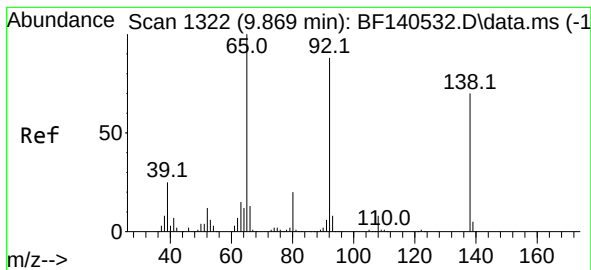
Ion Ratio Lower Upper

154 100

153 114.2 89.7 134.5

152 53.5 42.5 63.7





#53

3-Nitroaniline

Concen: 43.047 ng

RT: 9.869 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

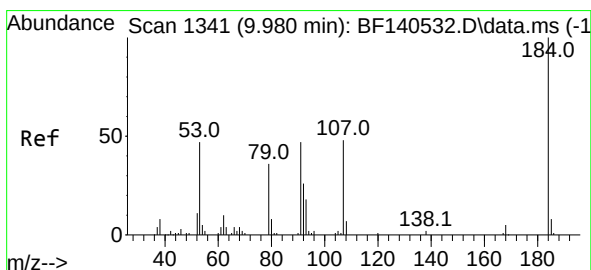
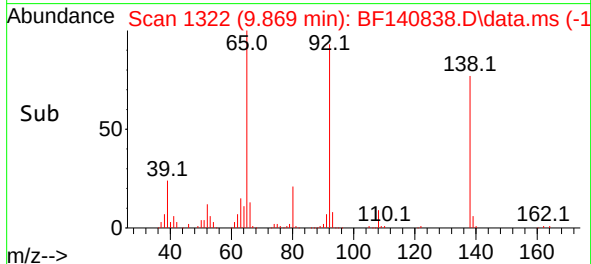
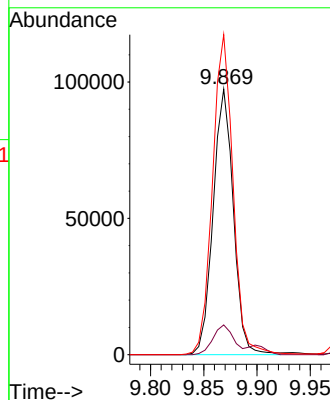
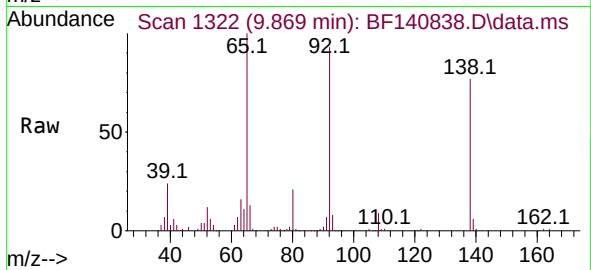
Tgt Ion:138 Resp: 128490

Ion Ratio Lower Upper

138 100

108 11.2 9.2 13.8

92 120.5 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 54.487 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

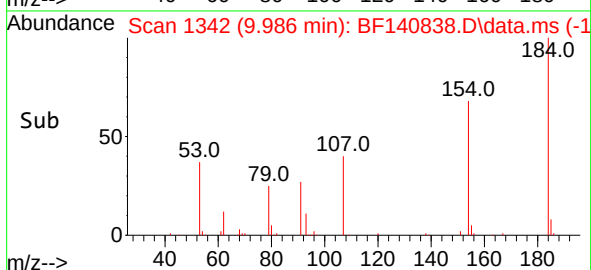
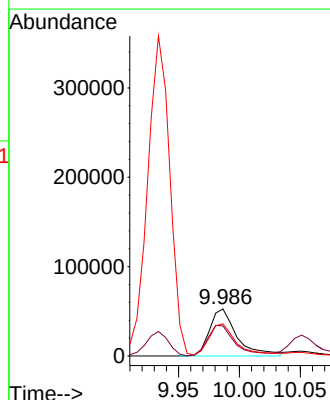
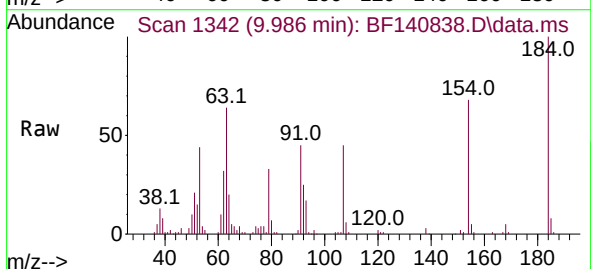
Tgt Ion:184 Resp: 81750

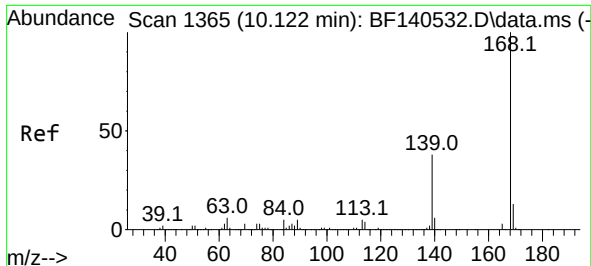
Ion Ratio Lower Upper

184 100

63 64.1 54.1 81.1

154 68.2 57.4 86.0

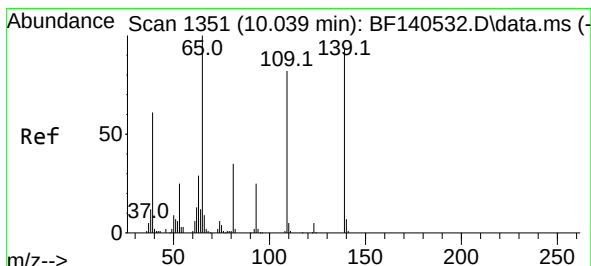
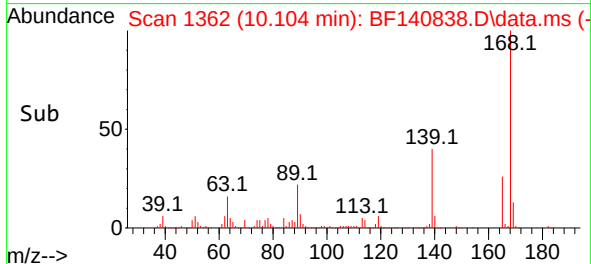
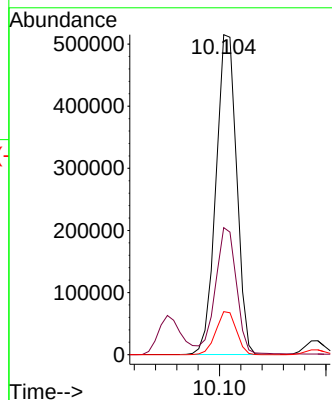
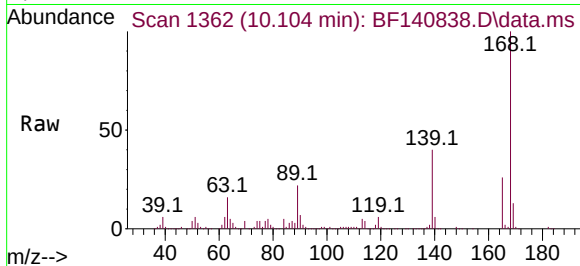




#55
Dibenzenofuran
Concen: 40.948 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

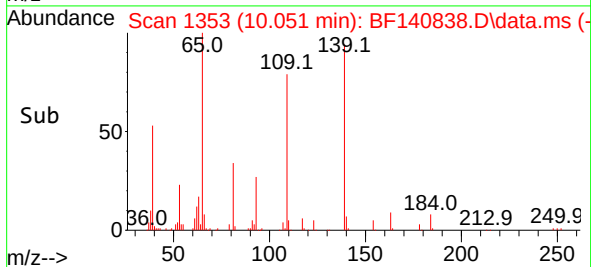
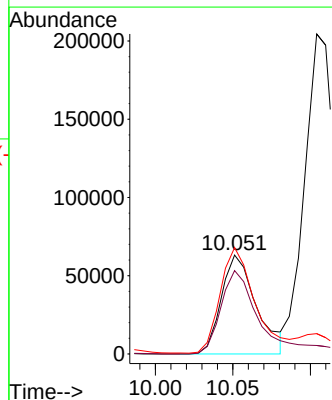
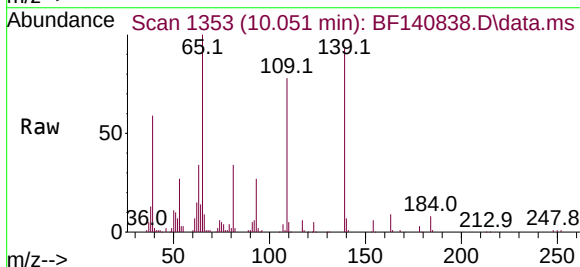
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

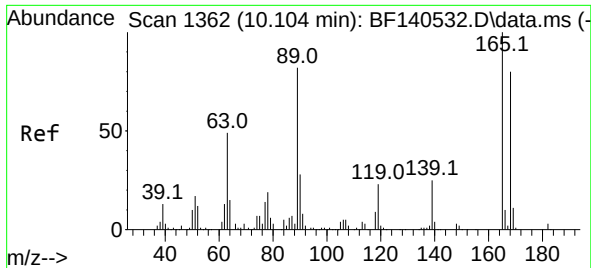
Tgt Ion:168 Resp: 693111
Ion Ratio Lower Upper
168 100
139 39.7 31.3 46.9
169 13.4 10.5 15.7



#56
4-Nitrophenol
Concen: 48.594 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:139 Resp: 98923
Ion Ratio Lower Upper
139 100
109 84.3 68.4 108.4
65 107.6 88.6 128.6

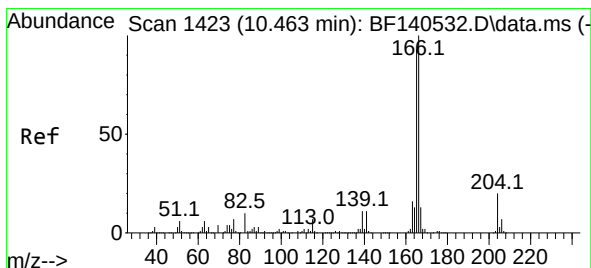
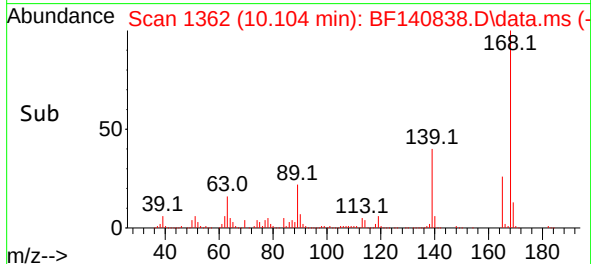
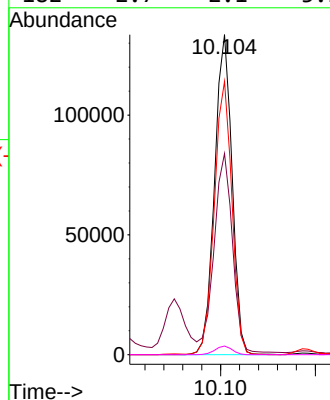
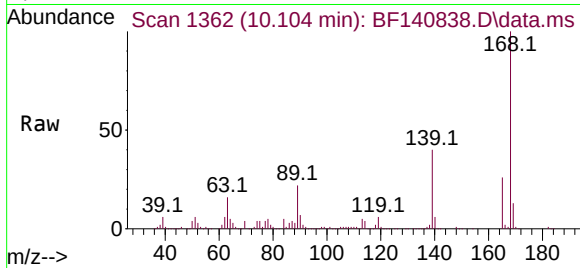




#57
2,4-Dinitrotoluene
Concen: 42.336 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

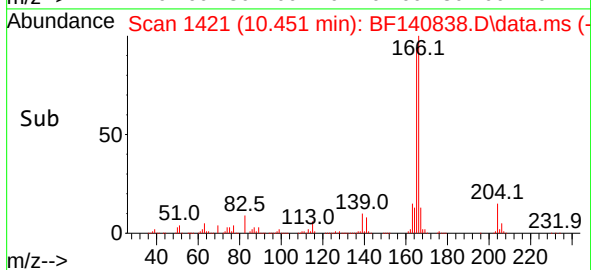
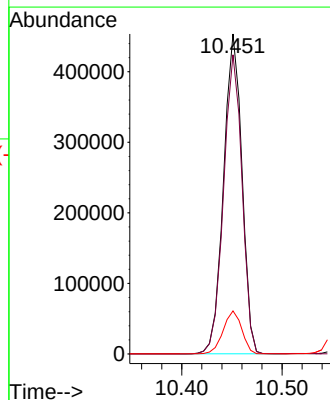
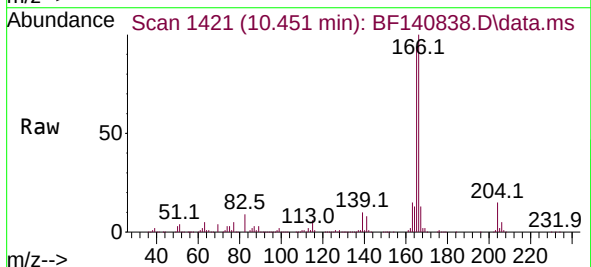
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

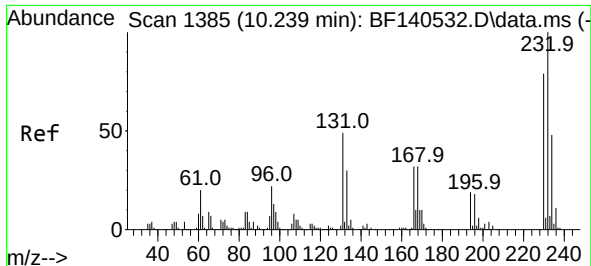
Tgt Ion:165 Resp: 171716
Ion Ratio Lower Upper
165 100
63 62.9 41.7 62.5#
89 85.4 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.469 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:166 Resp: 577006
Ion Ratio Lower Upper
166 100
165 93.5 74.6 111.8
167 13.4 10.6 16.0

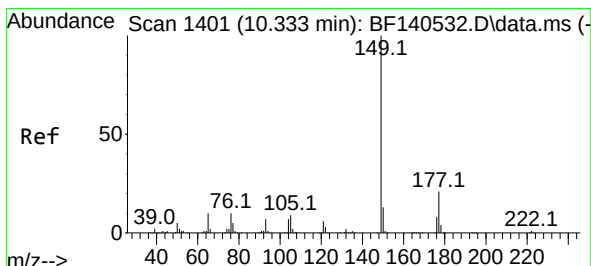
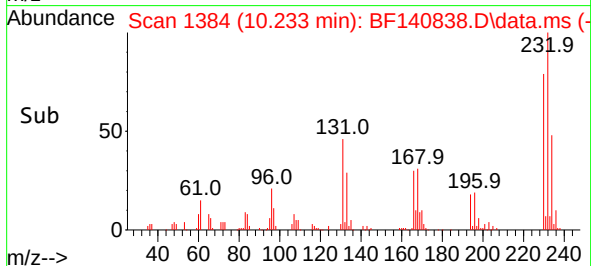
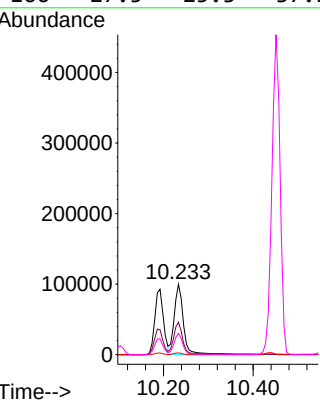
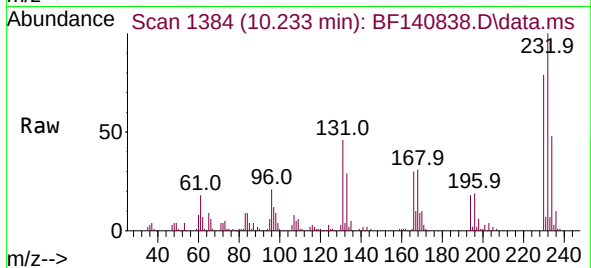




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.759 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

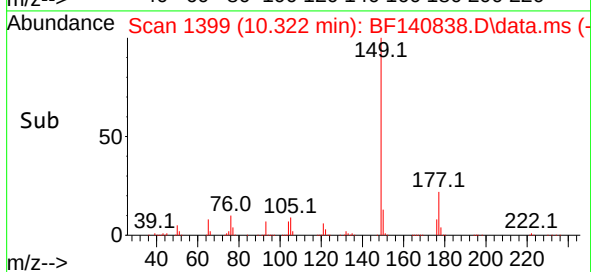
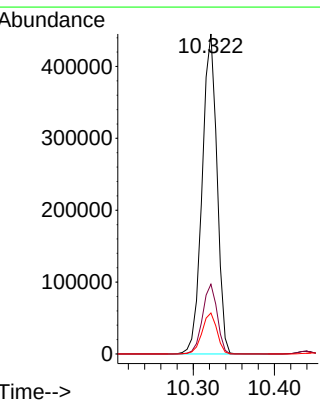
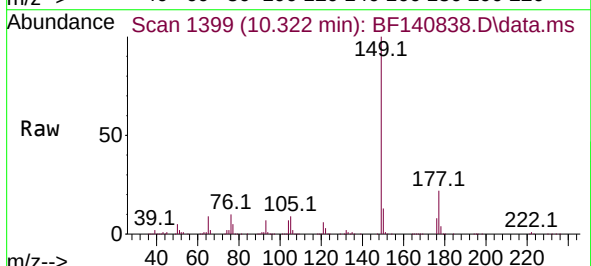
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

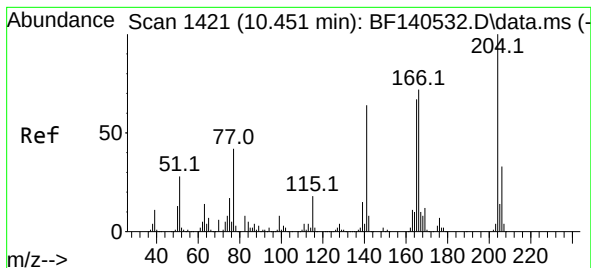
Tgt Ion:232 Resp: 143253
Ion Ratio Lower Upper
232 100
131 44.1 39.6 59.4
130 2.4 1.9 2.9
166 27.5 25.3 37.9



#60
Diethylphthalate
Concen: 41.345 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:149 Resp: 565279
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.8 10.1 15.1

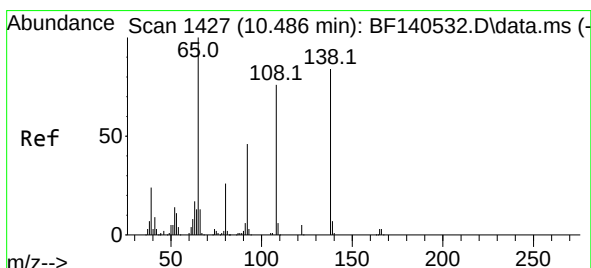
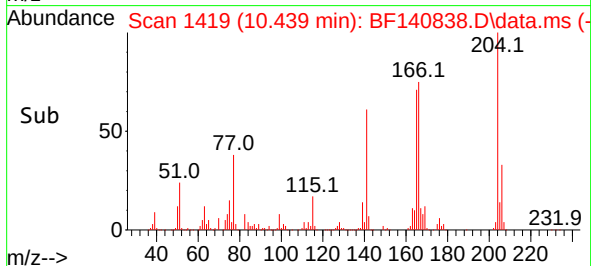
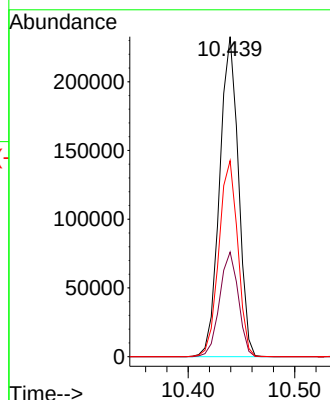
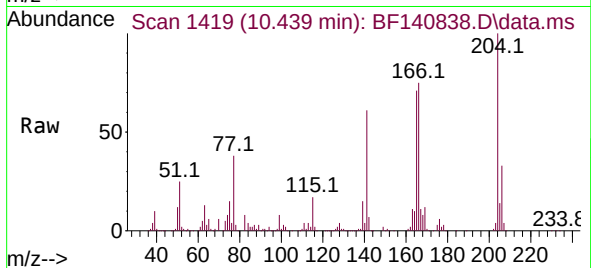




#61
4-Chlorophenyl-phenylether
Concen: 42.642 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

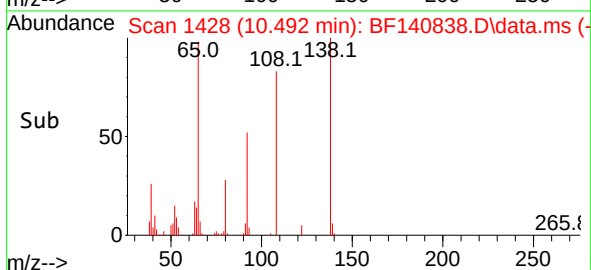
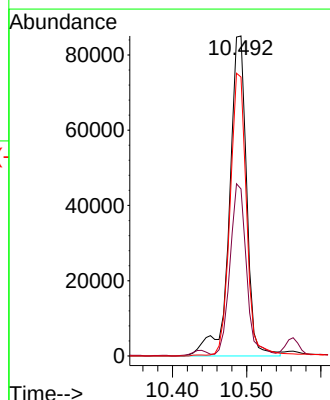
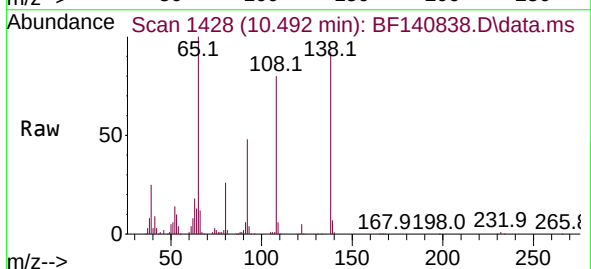
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

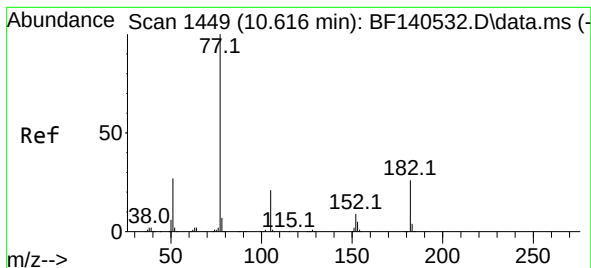
Tgt Ion:204 Resp: 284318
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 61.3 51.1 76.7



#62
4-Nitroaniline
Concen: 43.826 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:138 Resp: 137202
Ion Ratio Lower Upper
138 100
92 52.2 34.5 74.5
108 87.1 70.6 110.6





#63

Azobenzene

Concen: 40.275 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 521453

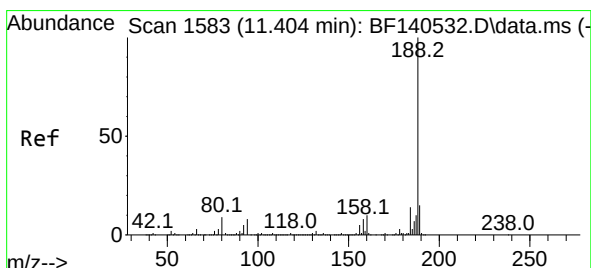
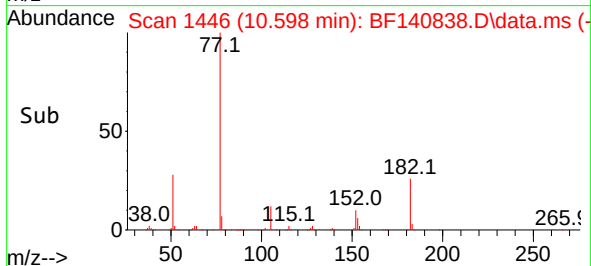
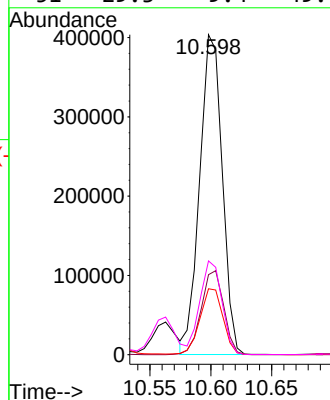
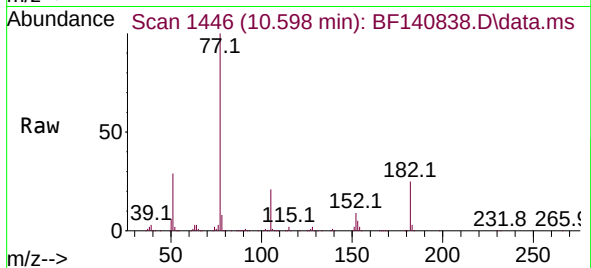
Ion Ratio Lower Upper

77 100

182 25.0 5.3 45.3

105 20.6 0.3 40.3

51 29.3 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

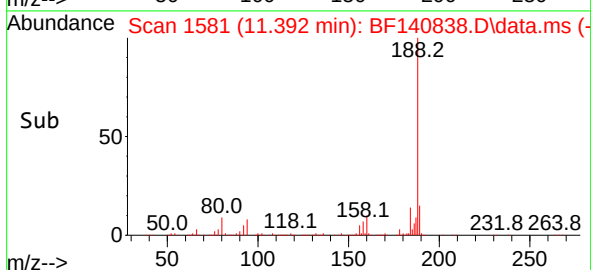
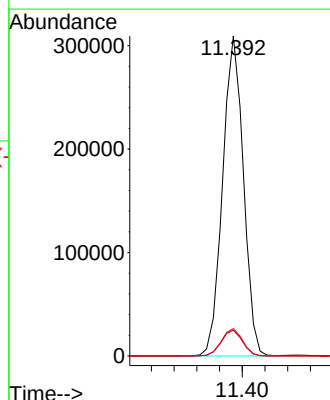
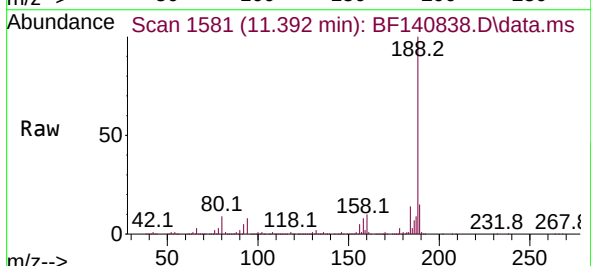
Tgt Ion: 188 Resp: 393427

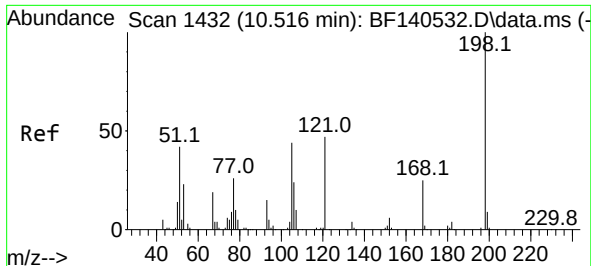
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.6 6.9 10.3

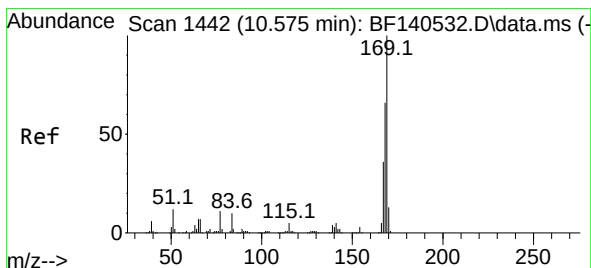
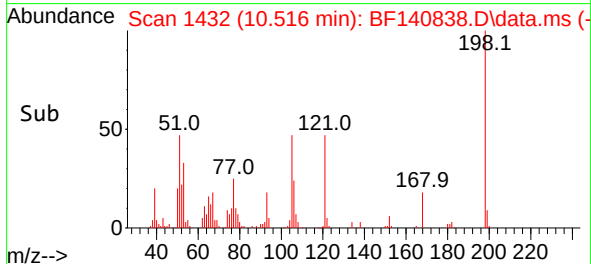
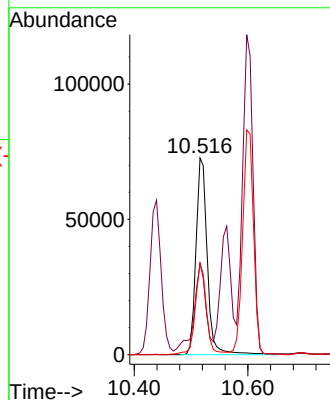
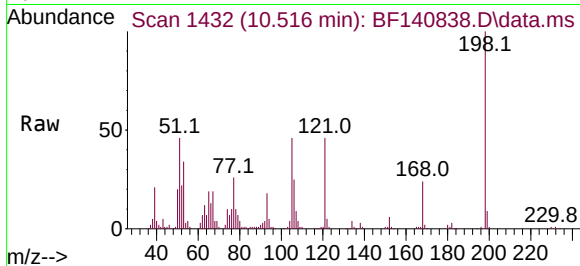




#65
4,6-Dinitro-2-methylphenol
Concen: 50.379 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

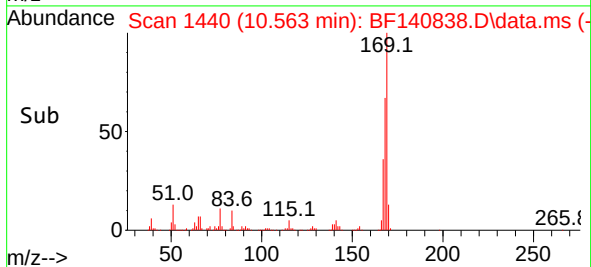
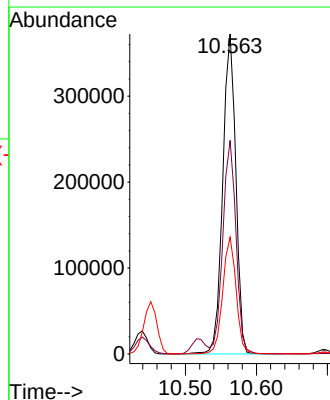
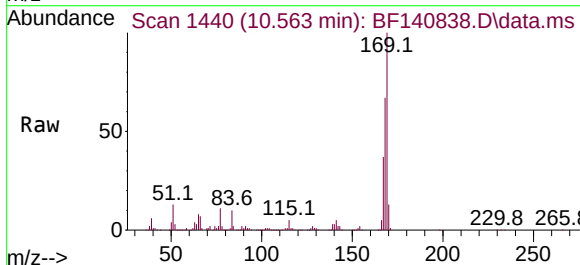
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

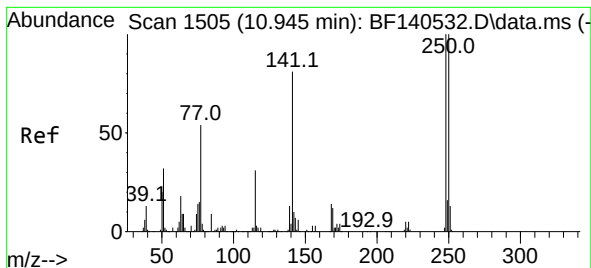
Tgt Ion:198 Resp: 101284
Ion Ratio Lower Upper
198 100
51 46.4 29.4 69.4
105 46.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 40.739 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:169 Resp: 473989
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.5 29.0 43.6

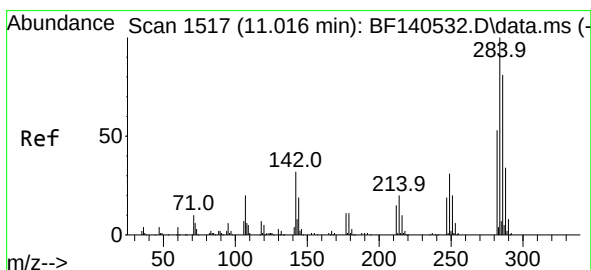
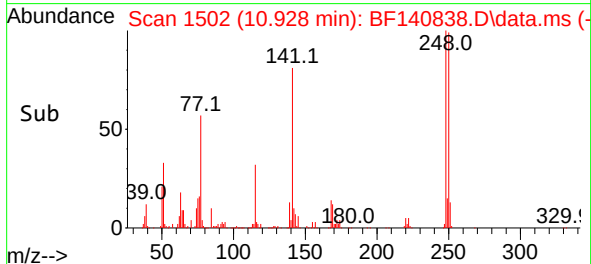
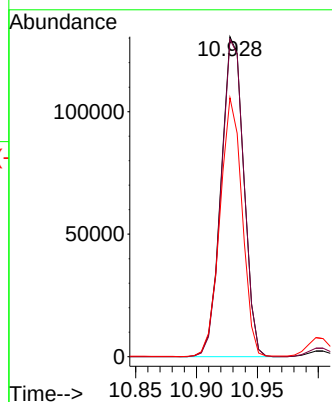
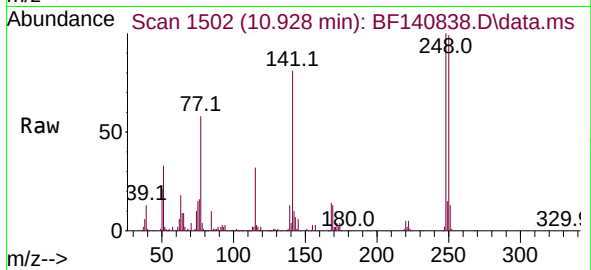




#67
4-Bromophenyl-phenylether
Concen: 41.771 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

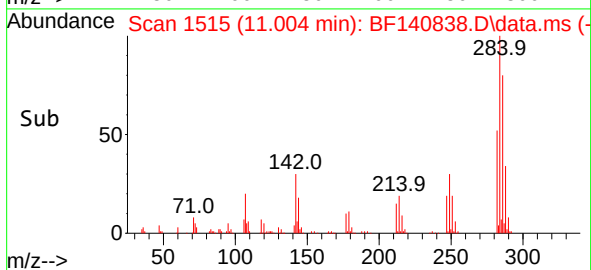
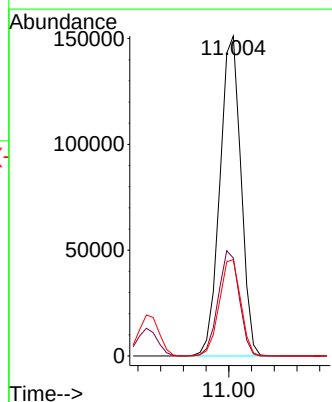
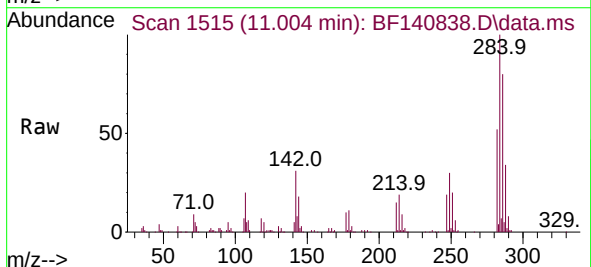
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

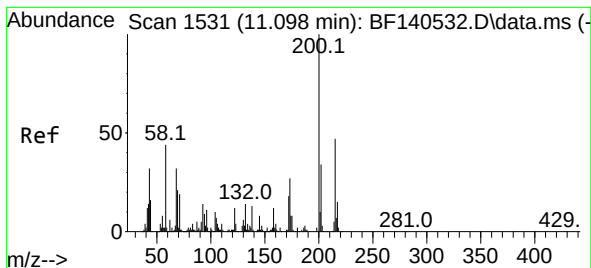
Tgt Ion:248 Resp: 169243
Ion Ratio Lower Upper
248 100
250 99.1 79.8 119.8
141 80.9 64.7 97.1



#68
Hexachlorobenzene
Concen: 41.539 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:284 Resp: 194877
Ion Ratio Lower Upper
284 100
142 30.6 25.3 37.9
249 30.1 24.8 37.2





#69

Atrazine

Concen: 34.261 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

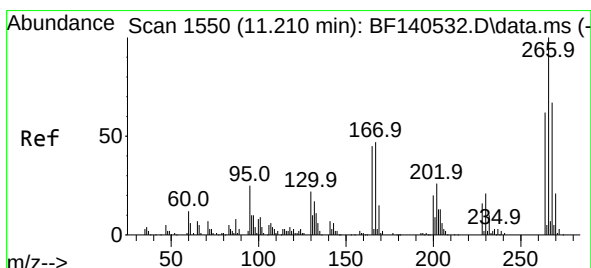
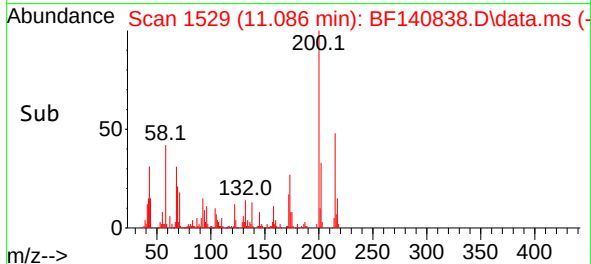
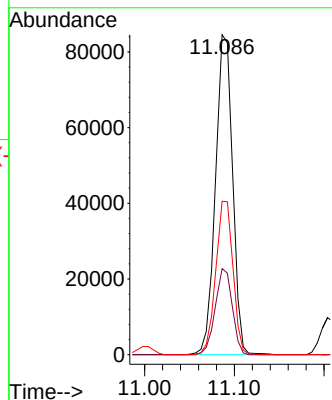
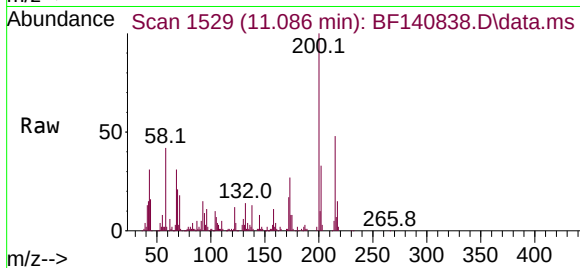
Tgt Ion:200 Resp: 112137

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

215 47.9 26.7 66.7



#70

Pentachlorophenol

Concen: 41.203 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

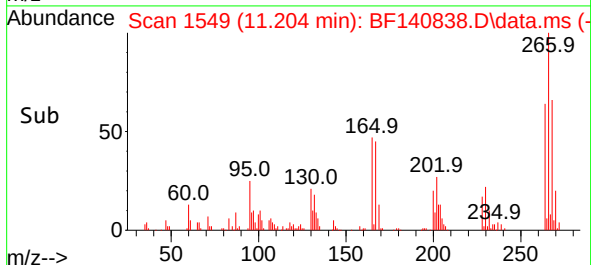
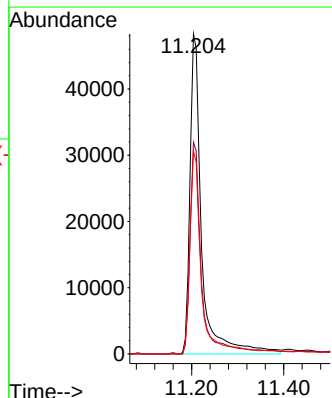
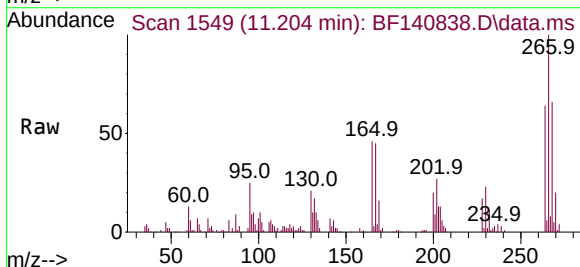
Tgt Ion:266 Resp: 85077

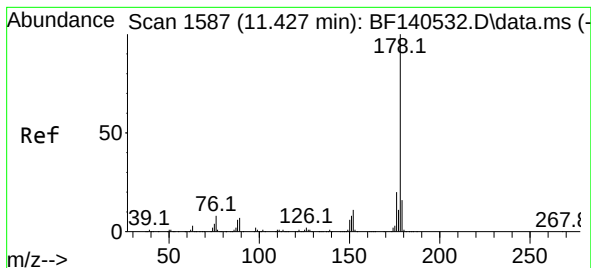
Ion Ratio Lower Upper

266 100

268 66.2 53.7 80.5

264 63.5 49.8 74.8





#71

Phenanthrene

Concen: 41.672 ng

RT: 11.416 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

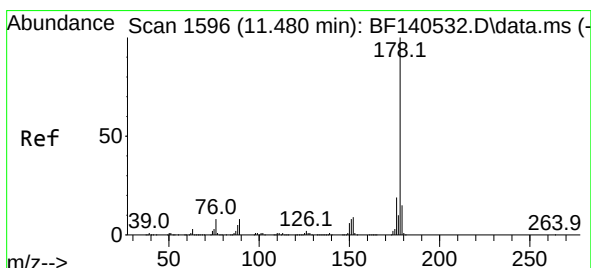
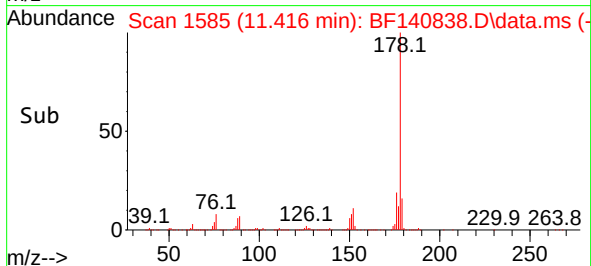
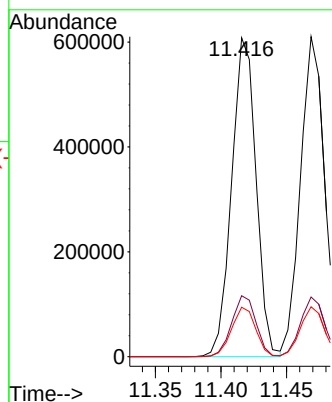
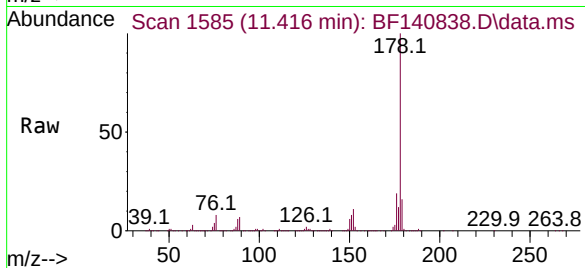
Tgt Ion:178 Resp: 788081

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

179 15.5 12.4 18.6



#72

Anthracene

Concen: 41.764 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

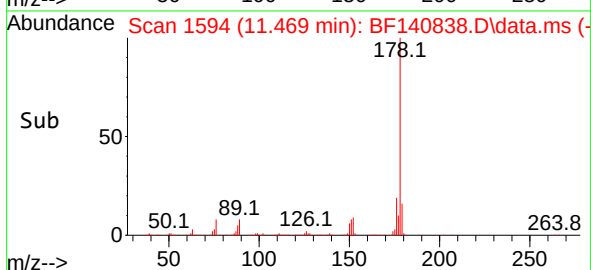
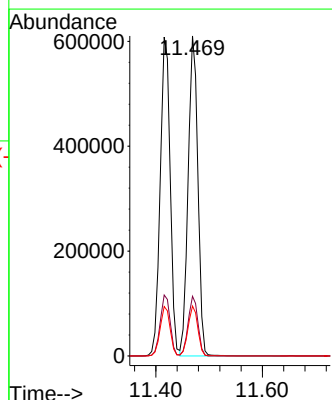
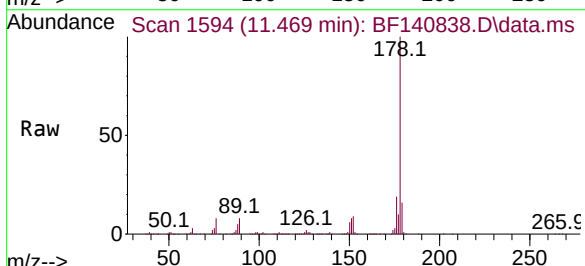
Tgt Ion:178 Resp: 772594

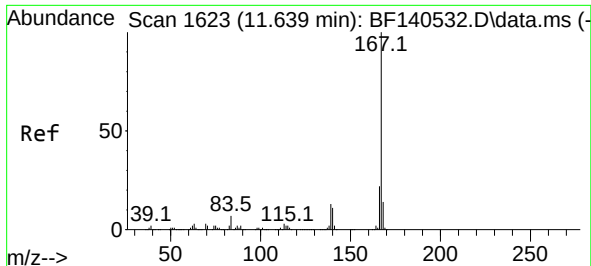
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.6 12.2 18.4

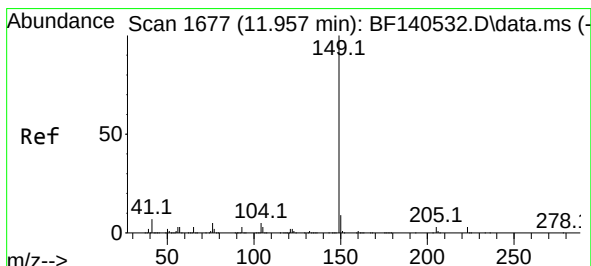
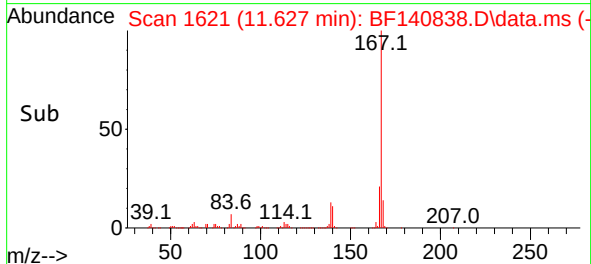
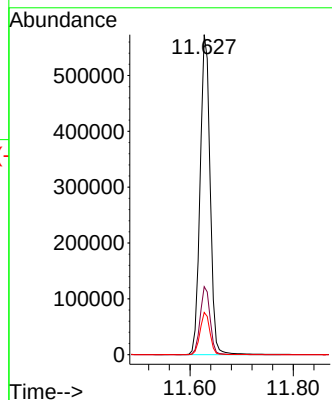
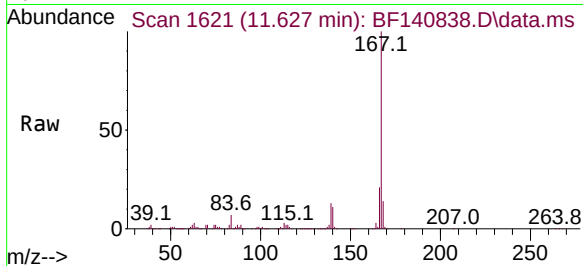




#73
Carbazole
Concen: 43.008 ng
RT: 11.627 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

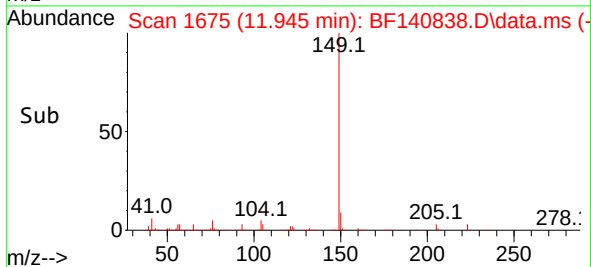
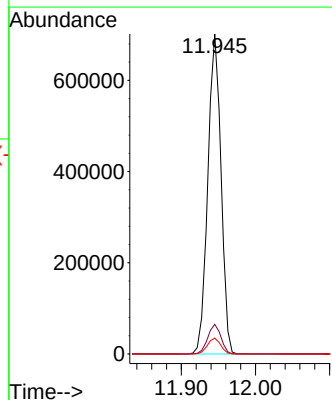
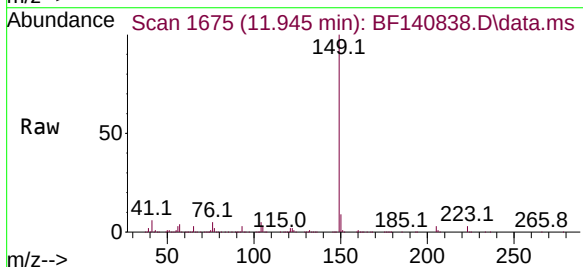
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

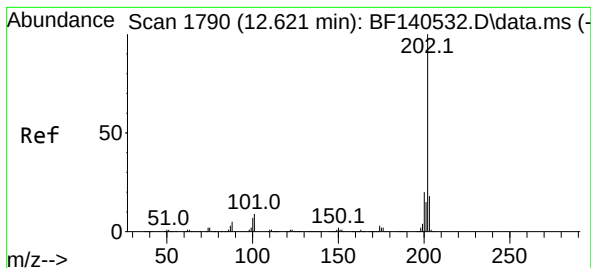
Tgt Ion:167 Resp: 765382
Ion Ratio Lower Upper
167 100
166 21.3 17.2 25.8
139 13.2 10.6 15.8



#74
Di-n-butylphthalate
Concen: 42.152 ng
RT: 11.945 min Scan# 1675
Delta R.T. -0.012 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:149 Resp: 866057
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 43.406 ng

RT: 12.610 min Scan# 1788

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

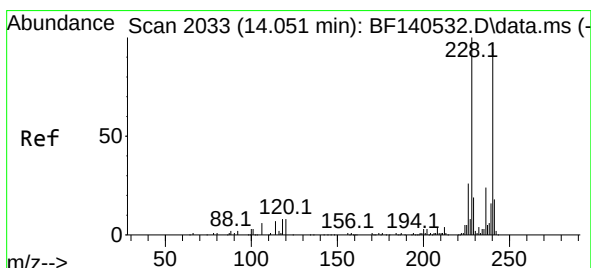
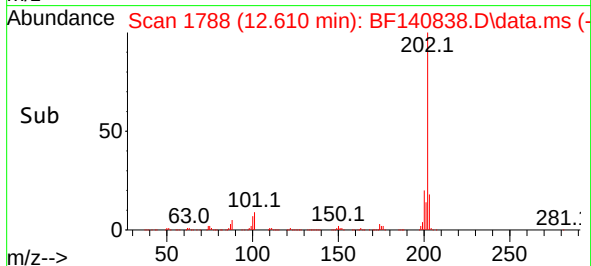
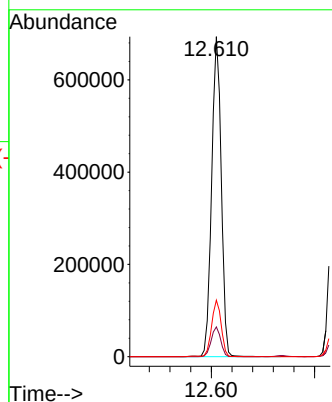
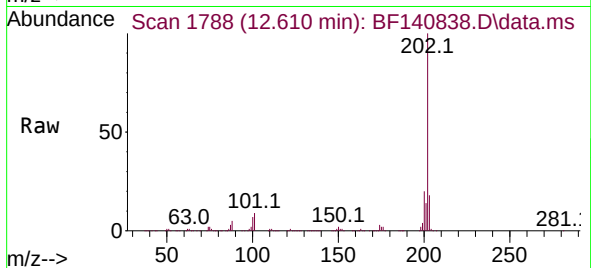
Tgt Ion:202 Resp: 891260

Ion Ratio Lower Upper

202 100

101 9.3 0.0 28.9

203 17.6 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

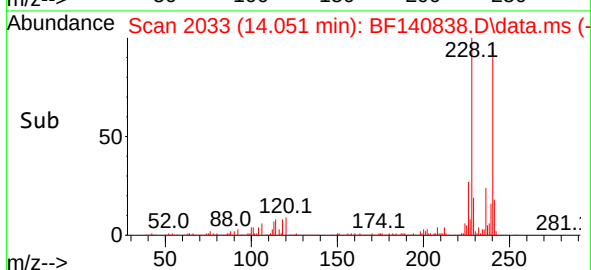
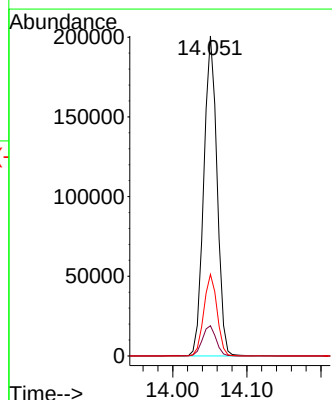
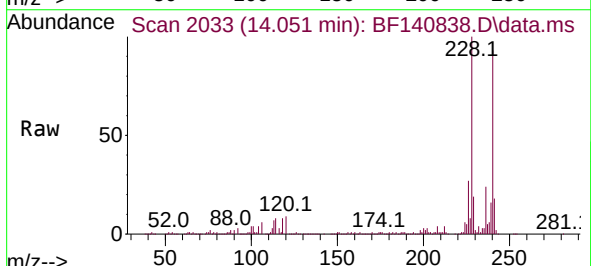
Tgt Ion:240 Resp: 249750

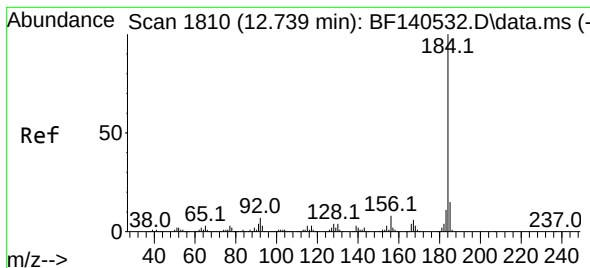
Ion Ratio Lower Upper

240 100

120 9.4 7.3 10.9

236 25.5 20.6 31.0





#77

Benzidine

Concen: 63.129 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

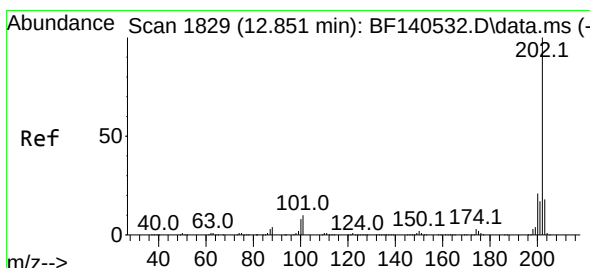
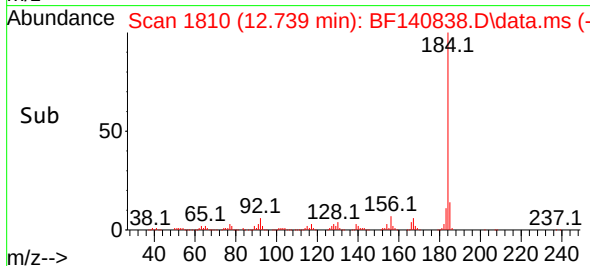
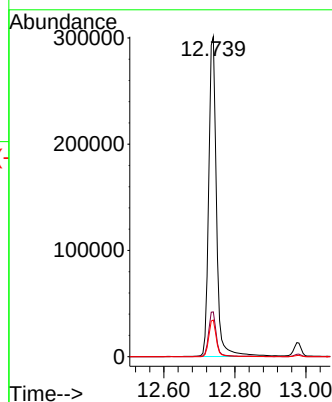
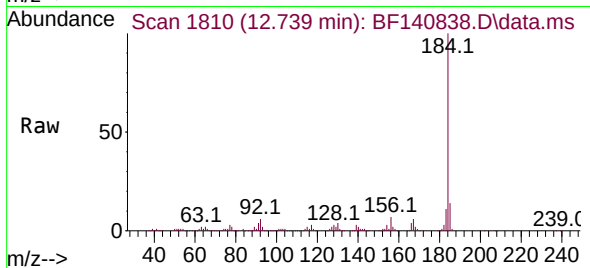
Tgt Ion:184 Resp: 458403

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

183 11.5 8.8 13.2



#78

Pyrene

Concen: 39.495 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

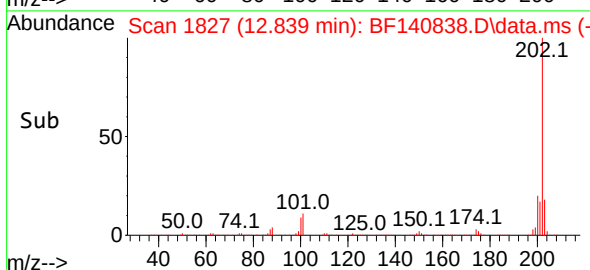
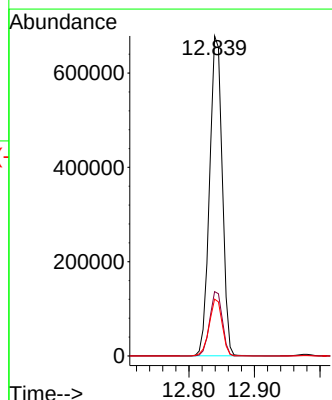
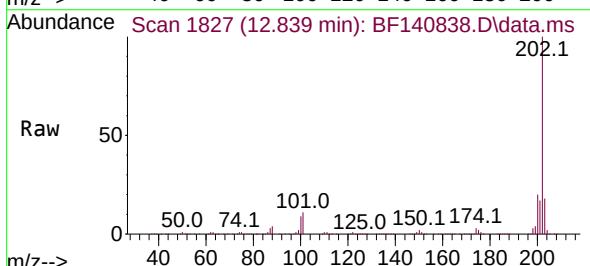
Tgt Ion:202 Resp: 912047

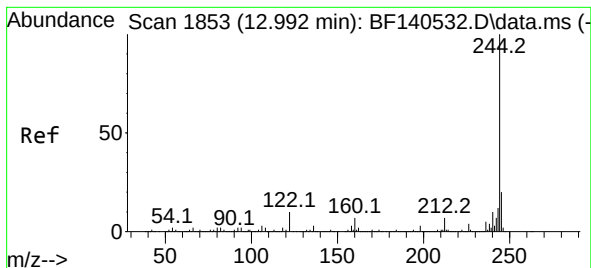
Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 78.347 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

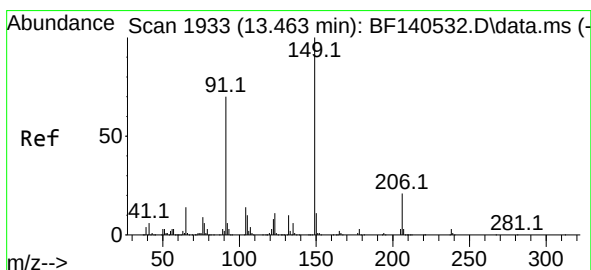
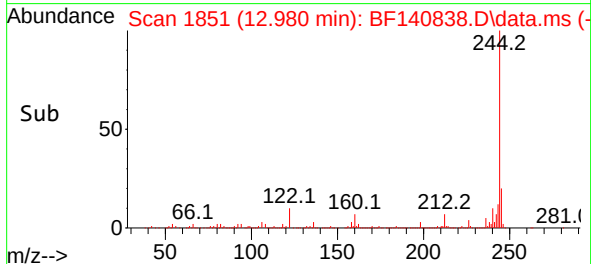
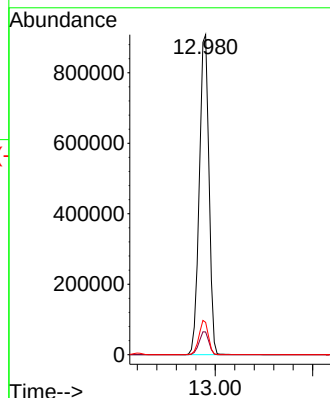
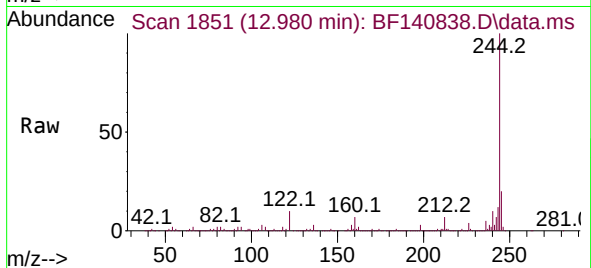
Tgt Ion:244 Resp: 1256618

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 38.152 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

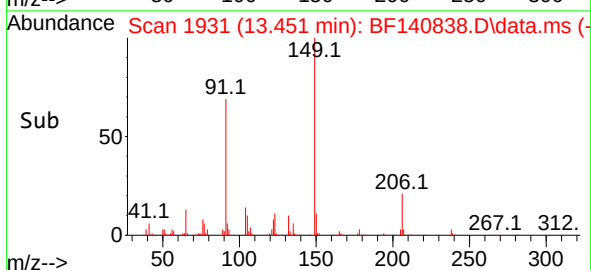
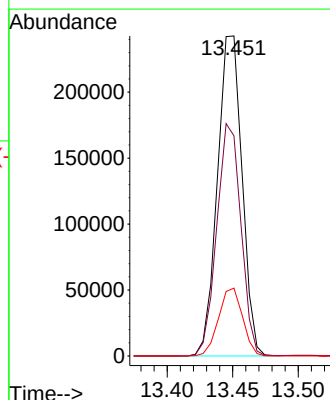
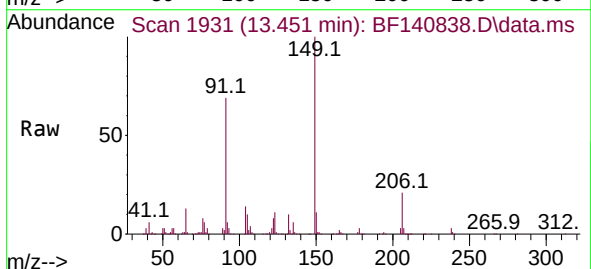
Tgt Ion:149 Resp: 317380

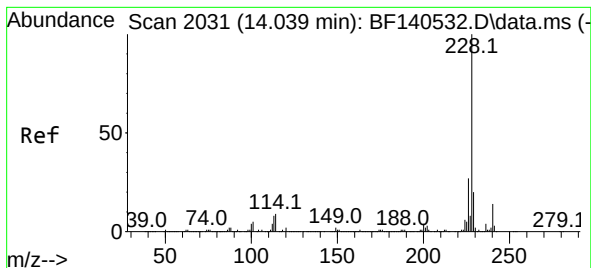
Ion Ratio Lower Upper

149 100

91 68.8 56.2 84.2

206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 41.616 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

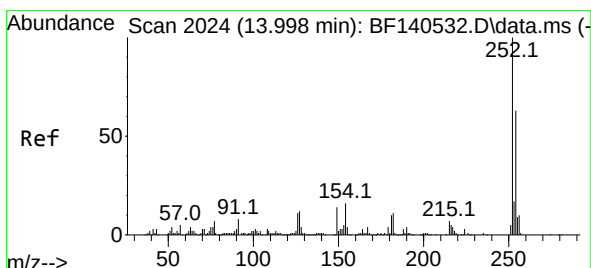
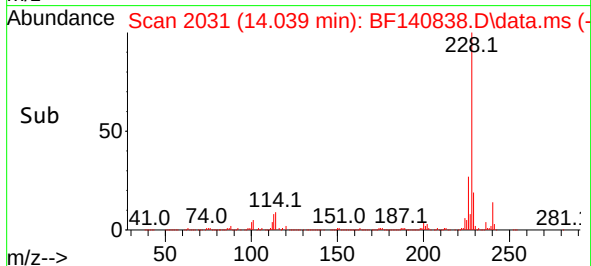
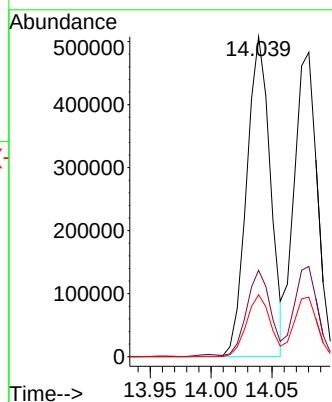
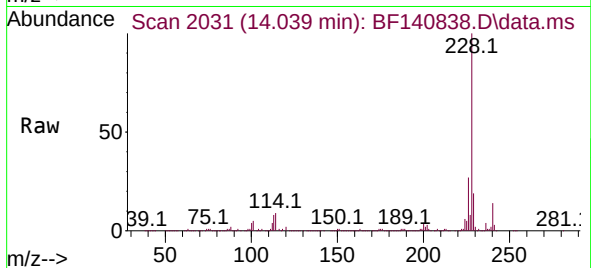
Tgt Ion:228 Resp: 688019

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 44.358 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

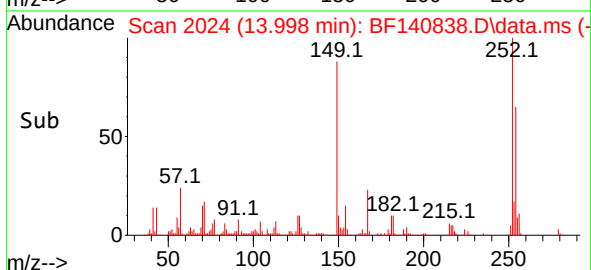
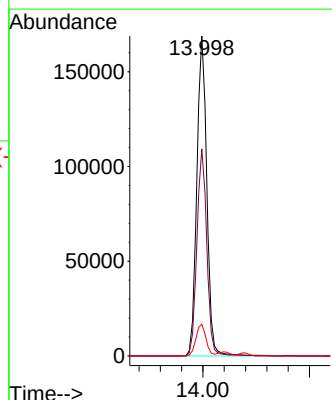
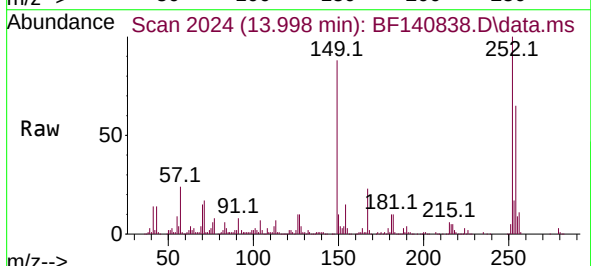
Tgt Ion:252 Resp: 220178

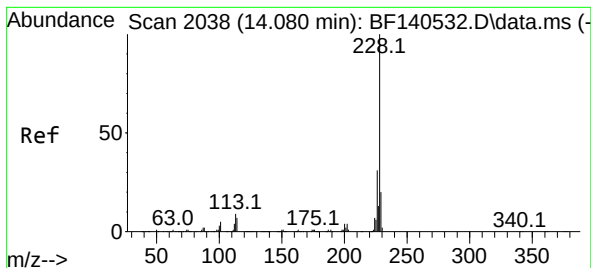
Ion Ratio Lower Upper

252 100

254 64.7 50.8 76.2

126 9.9 8.6 13.0





#83

Chrysene

Concen: 42.278 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

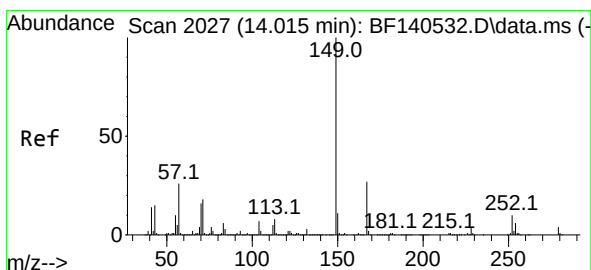
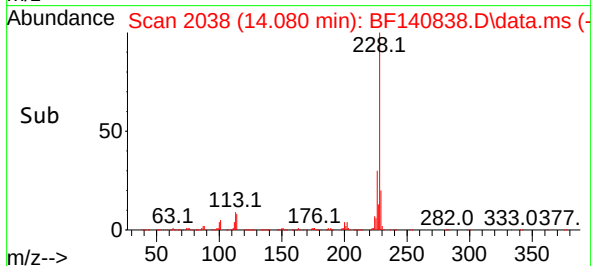
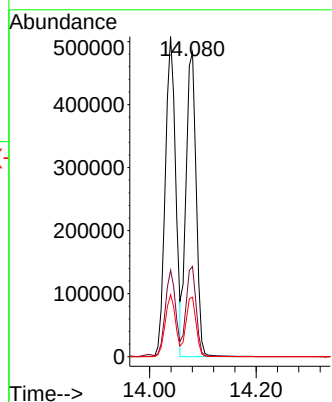
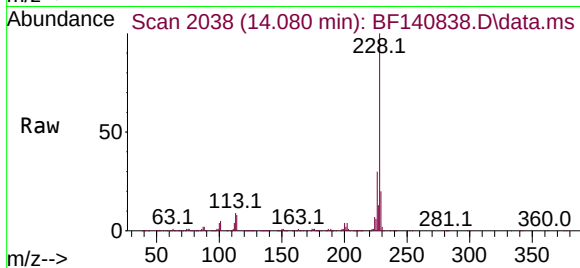
Tgt Ion:228 Resp: 639120

Ion Ratio Lower Upper

228 100

226 29.6 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.885 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

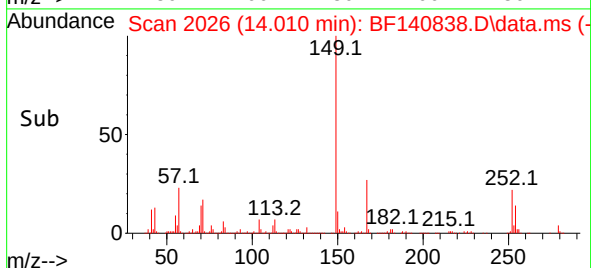
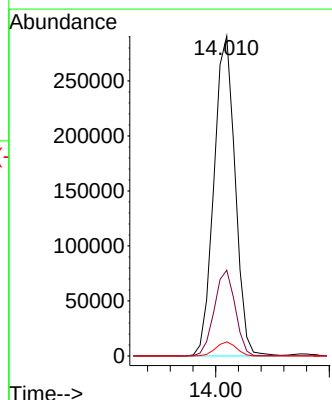
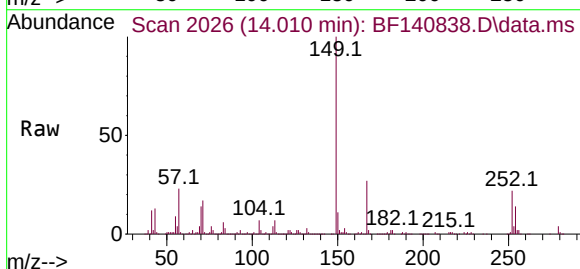
Tgt Ion:149 Resp: 376941

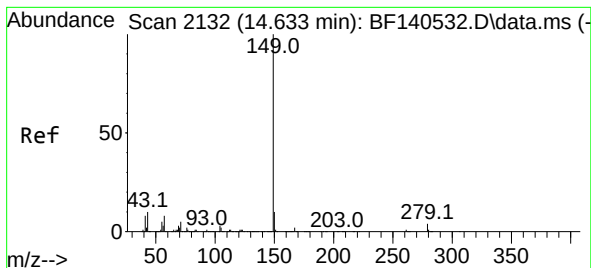
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.4 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 36.229 ng

RT: 14.645 min Scan# 2132

Delta R.T. 0.012 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

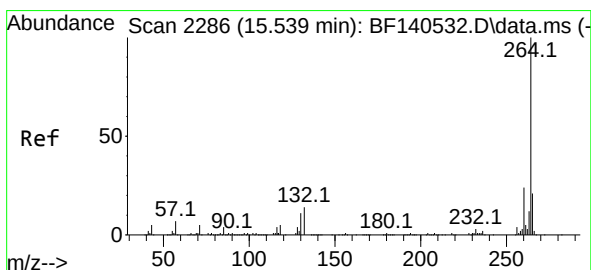
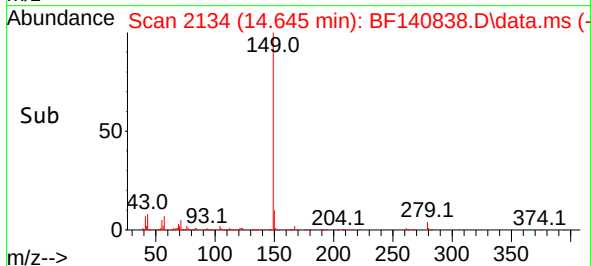
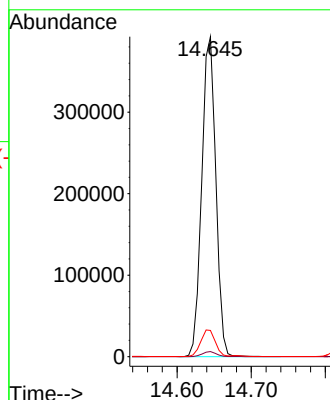
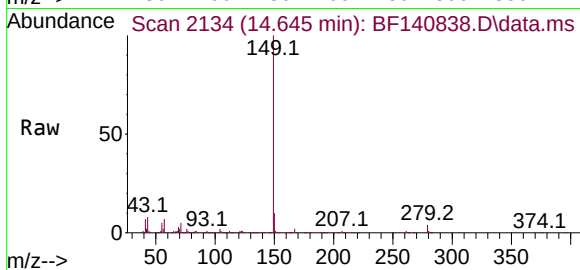
Tgt Ion:149 Resp: 520078

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2289

Delta R.T. 0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

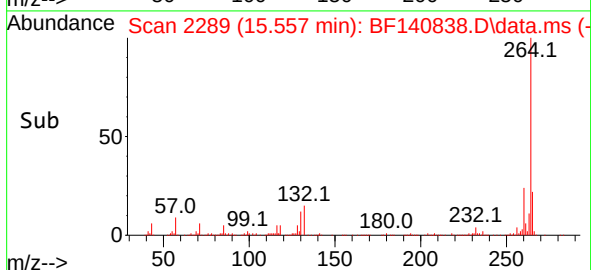
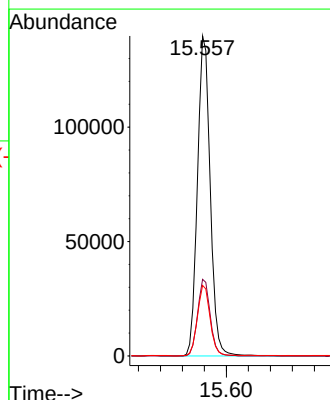
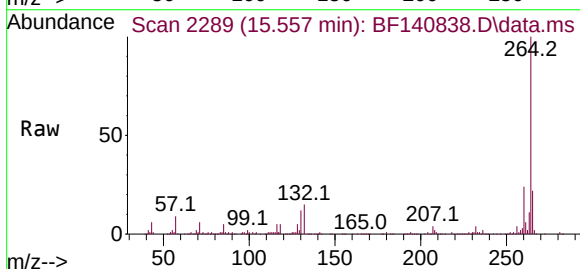
Tgt Ion:264 Resp: 225636

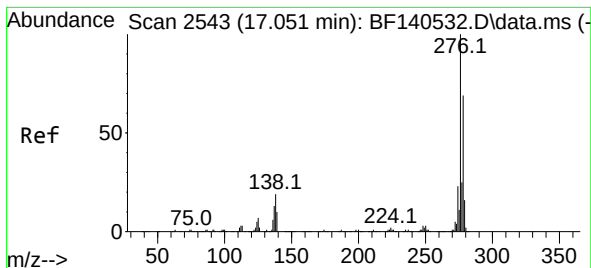
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.864 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

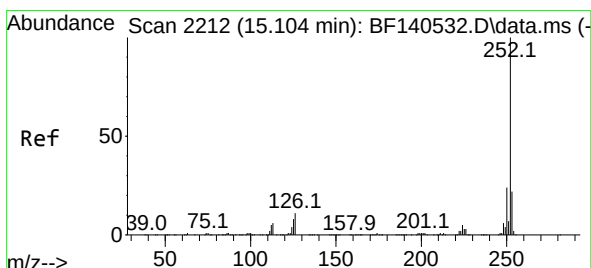
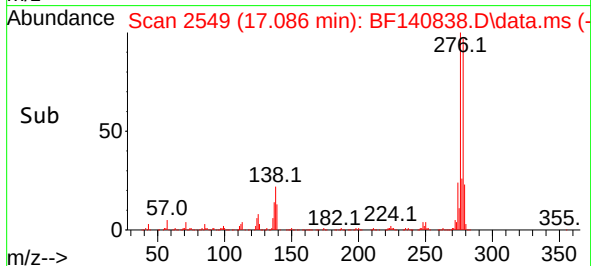
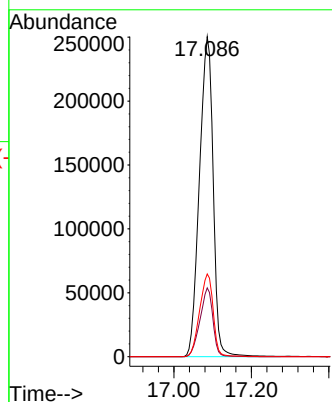
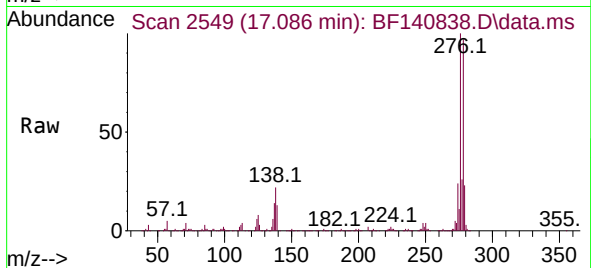
Tgt Ion:276 Resp: 615581

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

277 25.5 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 40.036 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.018 min

Lab File: BF140838.D

Acq: 13 Dec 2024 12:14

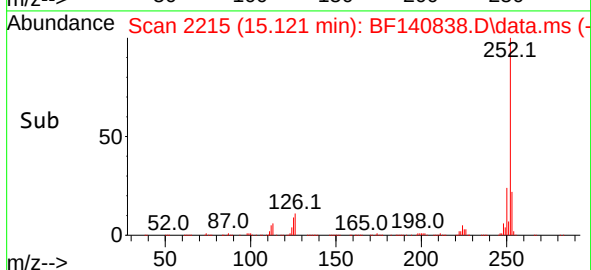
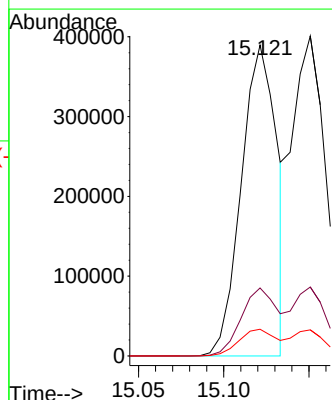
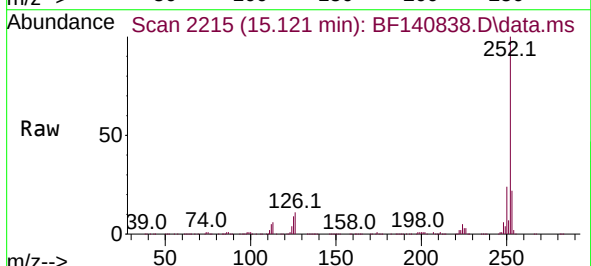
Tgt Ion:252 Resp: 567405

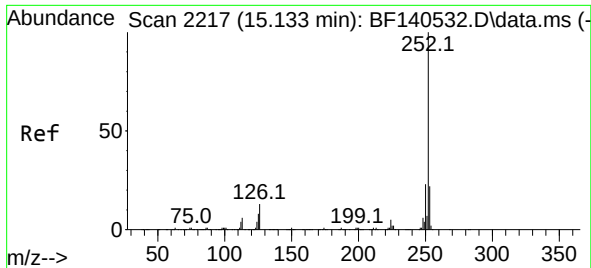
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.6 6.7 10.1

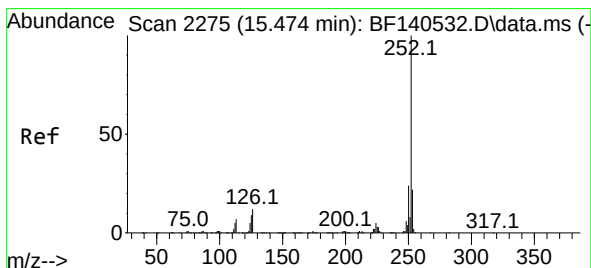
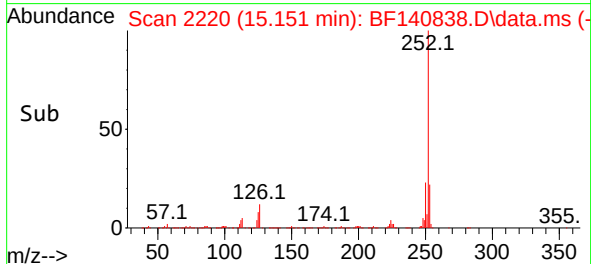
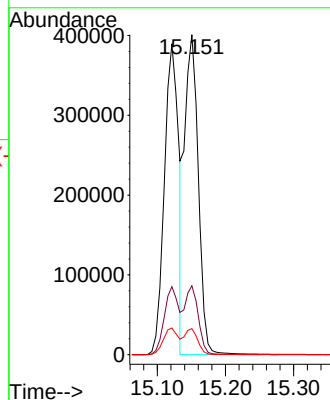
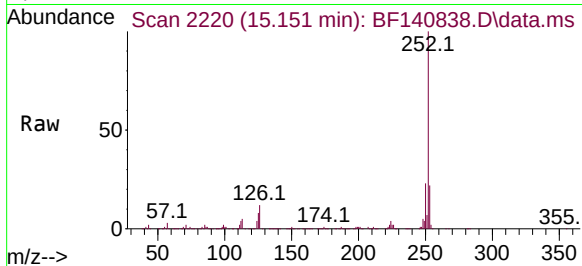




#89
Benzo(k)fluoranthene
Concen: 44.774 ng
RT: 15.151 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

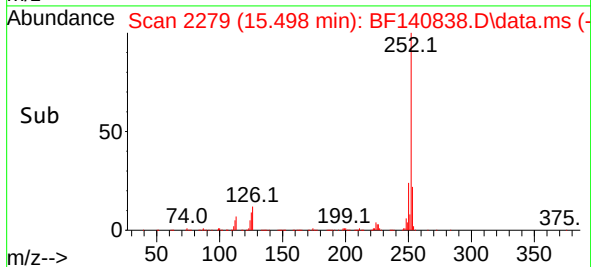
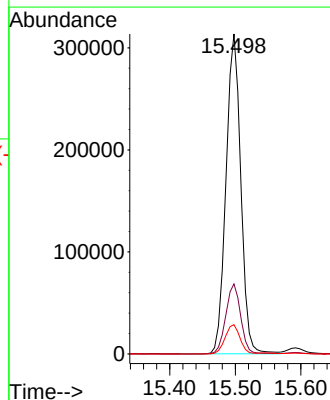
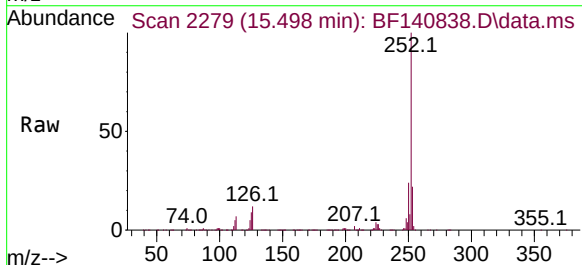
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

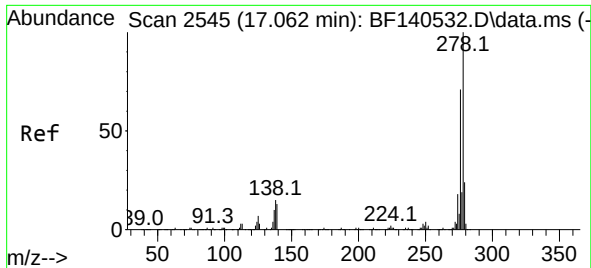
Tgt Ion:252 Resp: 555291
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.1 6.5 9.7



#90
Benzo(a)pyrene
Concen: 42.526 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.024 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:252 Resp: 490049
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.1 7.0 10.6

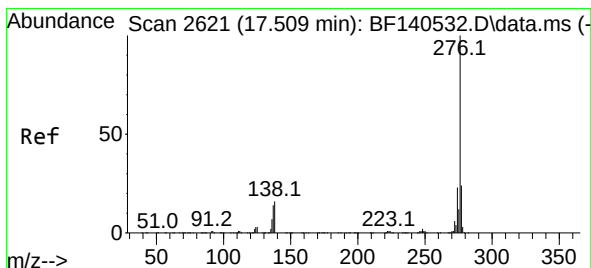
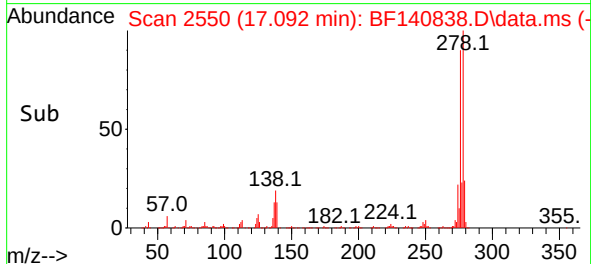
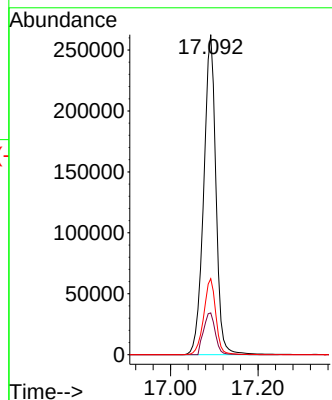
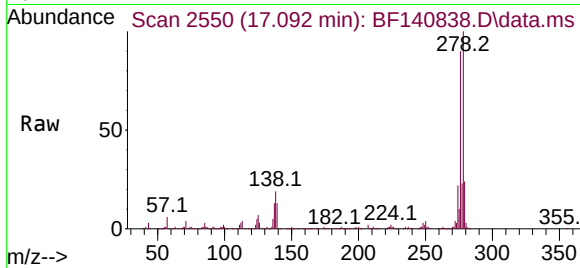




#91
Dibenzo(a,h)anthracene
Concen: 42.393 ng
RT: 17.092 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 510516
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 42.370 ng
RT: 17.545 min Scan# 2627
Delta R.T. 0.035 min
Lab File: BF140838.D
Acq: 13 Dec 2024 12:14

Tgt Ion:276 Resp: 520663
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.4 13.2 19.8

