

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF140896.D
 Acq On : 18 Dec 2024 10:43
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 18 11:25:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	88984	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	307954	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	178243	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	366627	20.000	ng	0.00
76) Chrysene-d12	14.039	240	240438	20.000	ng	0.00
86) Perylene-d12	15.533	264	194500	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	427889	79.159	ng	0.00
7) Phenol-d6	6.504	99	597686	83.480	ng	0.00
23) Nitrobenzene-d5	7.422	82	532087	86.444	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	161917	76.807	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1041367	80.324	ng	0.00
79) Terphenyl-d14	12.963	244	1104054	72.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	94347	40.522	ng	100
3) Pyridine	3.381	79	233336	43.274	ng	98
4) n-Nitrosodimethylamine	3.334	42	110417	40.621	ng	91
6) Aniline	6.516	93	261704	42.751	ng	94
8) 2-Chlorophenol	6.646	128	232390	39.424	ng	98
9) Benzaldehyde	6.410	77	150021	37.817	ng	99
10) Phenol	6.516	94	314661	42.405	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	216145	39.059	ng	99
12) 1,3-Dichlorobenzene	6.793	146	276948	41.232	ng	97
13) 1,4-Dichlorobenzene	6.869	146	263067	38.584	ng	99
14) 1,2-Dichlorobenzene	7.022	146	252017	39.176	ng	98
15) Benzyl Alcohol	6.998	79	202788	39.614	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	244590	37.520	ng	88
17) 2-Methylphenol	7.122	107	176457	37.495	ng	99
18) Hexachloroethane	7.357	117	99231	39.095	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	163032	37.961	ng	99
20) 3+4-Methylphenols	7.275	107	243944	39.090	ng	# 84
22) Acetophenone	7.263	105	327939	42.570	ng	97
24) Nitrobenzene	7.440	77	273781	43.417	ng	98
25) Isophorone	7.675	82	446475	43.291	ng	99
26) 2-Nitrophenol	7.751	139	131014	45.111	ng	98
27) 2,4-Dimethylphenol	7.793	122	151292	44.606	ng	100
28) bis(2-Chloroethoxy)met...	7.881	93	238096	36.963	ng	98
29) 2,4-Dichlorophenol	8.004	162	184274	39.353	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	203456	37.902	ng	98
31) Naphthalene	8.151	128	657484	38.867	ng	99
32) Benzoic acid	7.945	122	111391	34.629	ng	99
33) 4-Chloroaniline	8.210	127	223603	39.799	ng	98
34) Hexachlorobutadiene	8.263	225	135668	37.565	ng	98
35) Caprolactam	8.592	113	58418	41.905	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	205860	39.060	ng	100
37) 2-Methylnaphthalene	8.845	142	434406	38.821	ng	100
38) 1-Methylnaphthalene	8.945	142	434919	39.299	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	217966	39.785	ng	100
41) Hexachlorocyclopentadiene	8.992	237	41145	34.386	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	137937	41.118	ng	100

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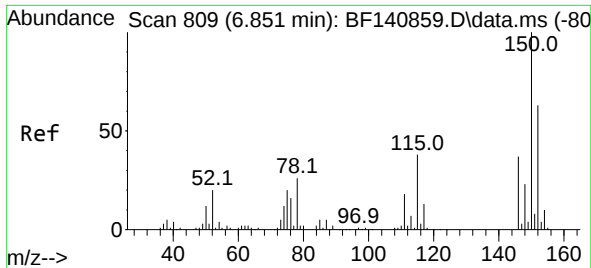
Quant Time: Dec 18 11:25:09 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	150716	40.876	ng	98
46) 1,1'-Biphenyl	9.310	154	572589	40.398	ng	99
47) 2-Chloronaphthalene	9.334	162	443599	40.911	ng	98
48) 2-Nitroaniline	9.439	65	142204	43.425	ng	99
49) Acenaphthylene	9.751	152	620347	38.931	ng	99
50) Dimethylphthalate	9.610	163	499849	39.776	ng	100
51) 2,6-Dinitrotoluene	9.681	165	125234	43.593	ng	95
52) Acenaphthene	9.922	154	394595	38.767	ng	100
53) 3-Nitroaniline	9.857	138	115732	40.594	ng	98
54) 2,4-Dinitrophenol	9.981	184	44877	35.939	ng	93
55) Dibenzofuran	10.092	168	604503	38.326	ng	99
56) 4-Nitrophenol	10.045	139	45251	32.311	ng	96
57) 2,4-Dinitrotoluene	10.092	165	150570	39.835	ng	99
58) Fluorene	10.439	166	503521	38.696	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	117166	38.997	ng	98
60) Diethylphthalate	10.304	149	494005	37.910	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	249126	38.114	ng	97
62) 4-Nitroaniline	10.475	138	120131	40.323	ng	98
63) Azobenzene	10.586	77	471847	38.516	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	82494	39.708	ng	96
66) n-Nitrosodiphenylamine	10.551	169	427813	37.953	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	154240	37.605	ng	99
68) Hexachlorobenzene	10.992	284	180011	38.710	ng	99
69) Atrazine	11.075	200	113378	36.014	ng	99
70) Pentachlorophenol	11.198	266	54868	32.272	ng	98
71) Phenanthrene	11.404	178	717898	38.078	ng	99
72) Anthracene	11.457	178	631201	33.996	ng	99
73) Carbazole	11.616	167	636140	34.980	ng	100
74) Di-n-butylphthalate	11.933	149	786391	36.845	ng	100
75) Fluoranthene	12.598	202	818711	37.706	ng	99
77) Benzidine	12.722	184	215896	43.995	ng	100
78) Pyrene	12.827	202	762368	35.656	ng	99
80) Butylbenzylphthalate	13.433	149	334058	42.462	ng	99
81) Benzo(a)anthracene	14.027	228	652734	38.305	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	196478	38.216	ng	100
83) Chrysene	14.063	228	593332	38.290	ng	99
84) Bis(2-ethylhexyl)phtha...	13.992	149	415546	40.964	ng	100
85) Di-n-octyl phthalate	14.621	149	592446	38.603	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	419359	34.551	ng	98
88) Benzo(b)fluoranthene	15.098	252	510681	37.825	ng	100
89) Benzo(k)fluoranthene	15.127	252	424287	36.635	ng	100
90) Benzo(a)pyrene	15.474	252	418720	39.607	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	345837	34.393	ng	98
92) Benzo(g,h,i)perylene	17.510	276	358807	35.060	ng	99

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

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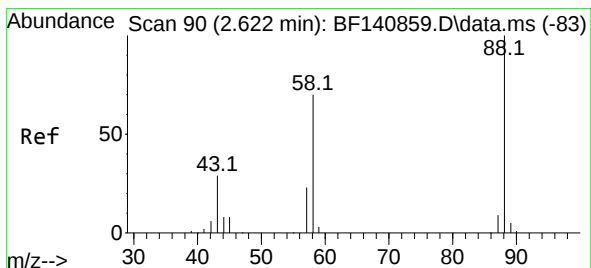
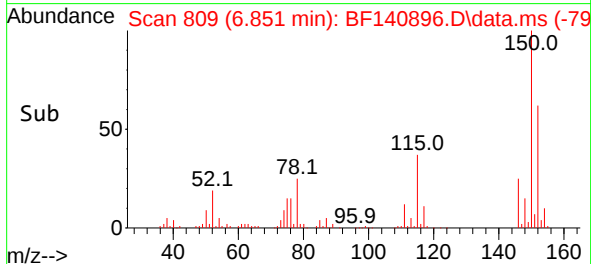
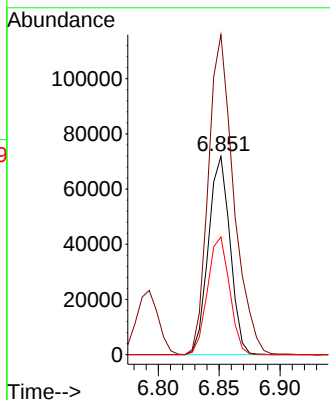
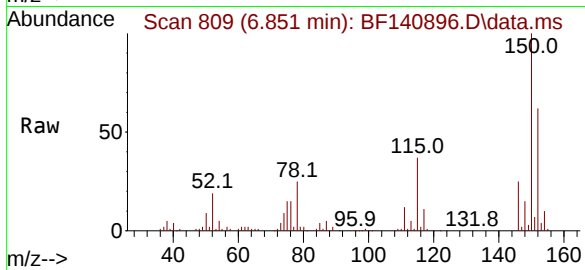




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140896.D
 Acq: 18 Dec 2024 10:43

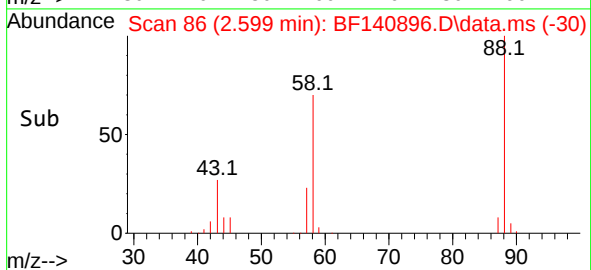
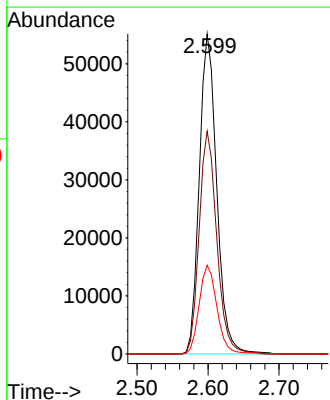
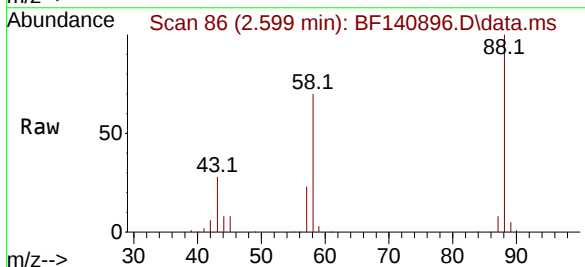
Instrument :
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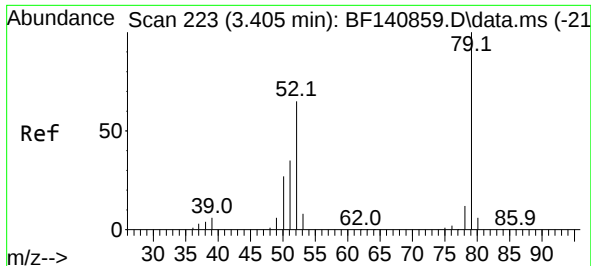
Tgt Ion:152 Resp: 88984
 Ion Ratio Lower Upper
 152 100
 150 161.4 127.9 191.9
 115 59.4 48.0 72.0



#2
 1,4-Dioxane
 Concen: 40.522 ng
 RT: 2.599 min Scan# 86
 Delta R.T. -0.024 min
 Lab File: BF140896.D
 Acq: 18 Dec 2024 10:43

Tgt Ion: 88 Resp: 94347
 Ion Ratio Lower Upper
 88 100
 58 70.3 55.8 83.8
 43 28.3 22.7 34.1





#3

Pyridine

Concen: 43.274 ng

RT: 3.381 min Scan# 211

Delta R.T. -0.024 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

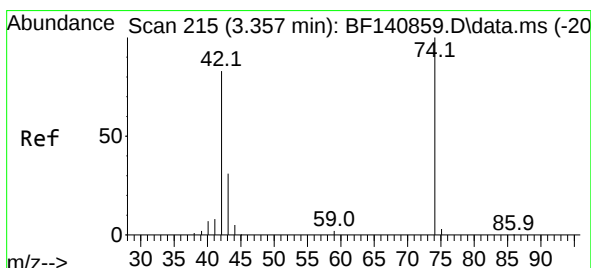
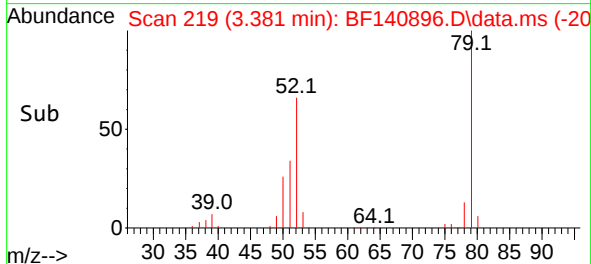
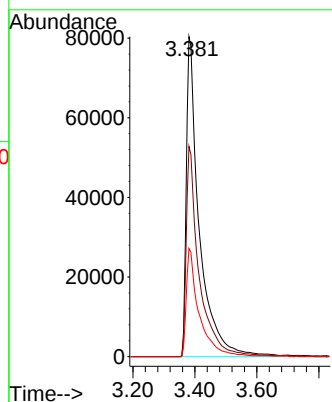
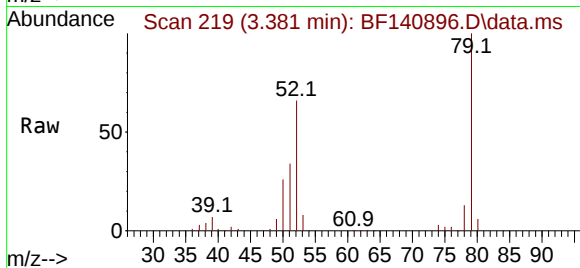
Tgt Ion: 79 Resp: 233336

Ion Ratio Lower Upper

79 100

52 65.7 51.7 77.5

51 33.8 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 40.621 ng

RT: 3.334 min Scan# 211

Delta R.T. -0.024 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

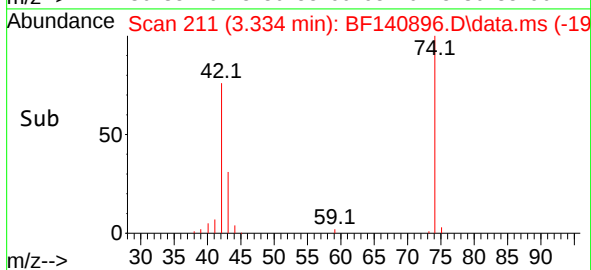
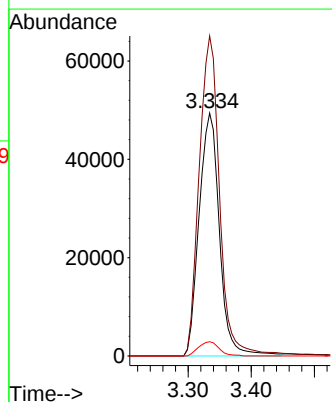
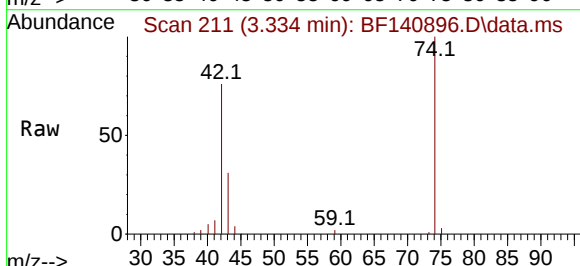
Tgt Ion: 42 Resp: 110417

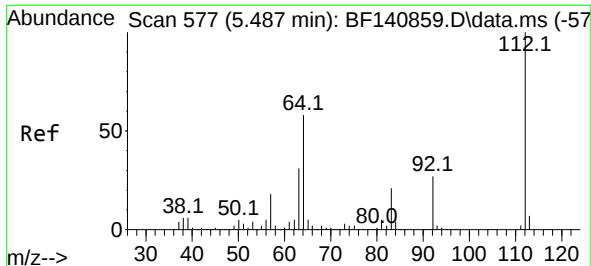
Ion Ratio Lower Upper

42 100

74 131.8 96.9 145.3

44 5.9 4.4 6.6

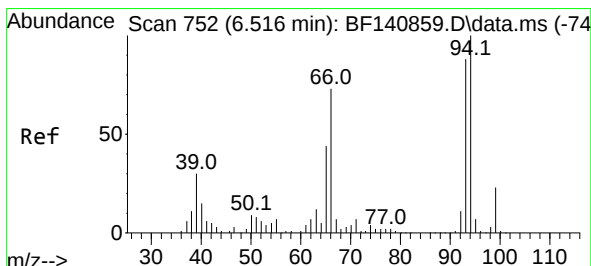
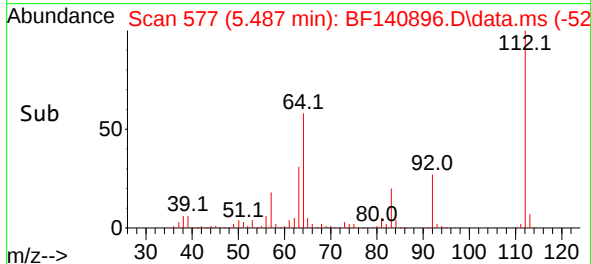
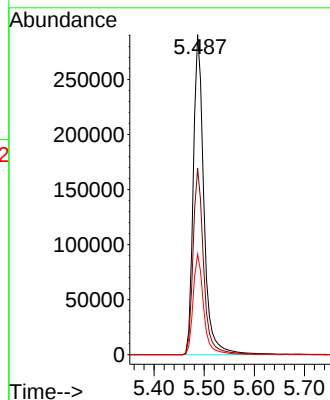
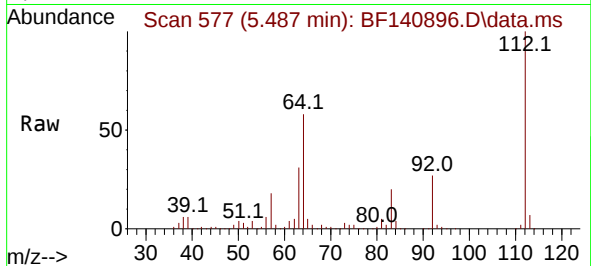




#5
2-Fluorophenol
Concen: 79.159 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

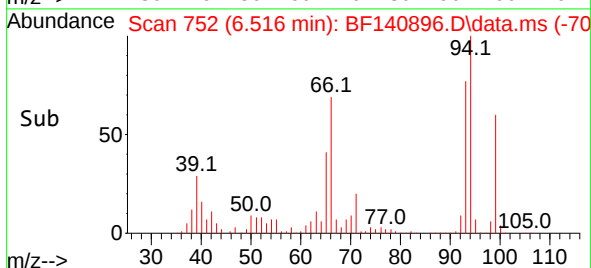
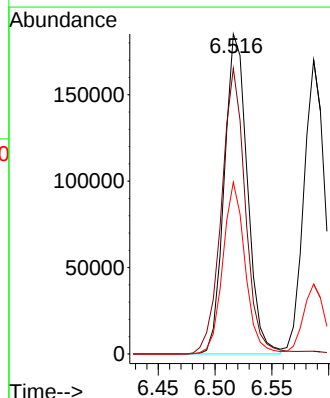
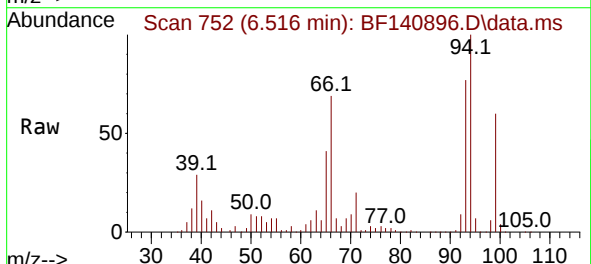
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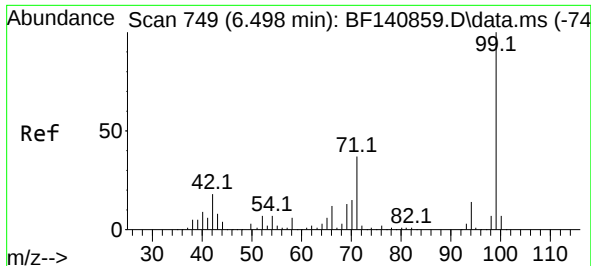
Tgt Ion:112 Resp: 427889
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 31.5 24.9 37.3



#6
Aniline
Concen: 42.751 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 93 Resp: 261704
Ion Ratio Lower Upper
93 100
66 89.3 67.0 100.4
65 53.7 40.4 60.6

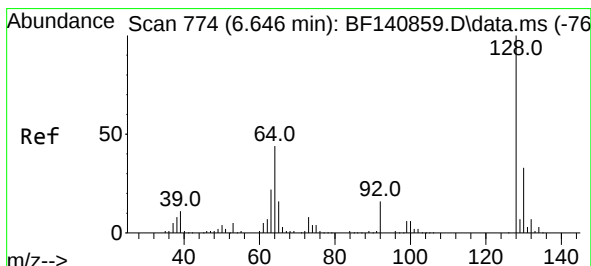
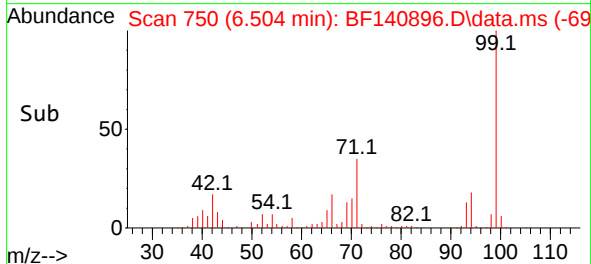
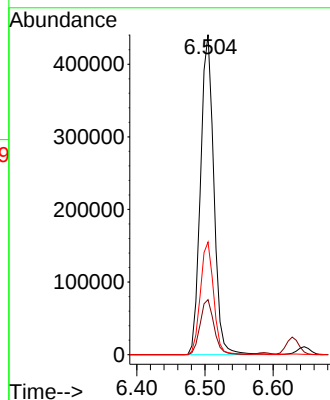
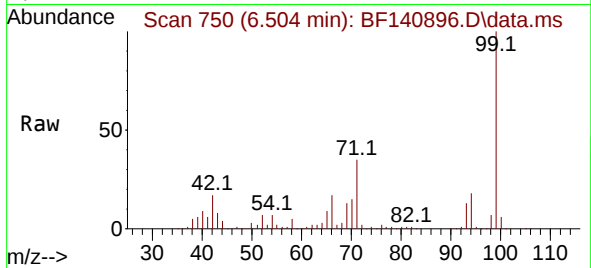




#7
Phenol-d6
Concen: 83.480 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

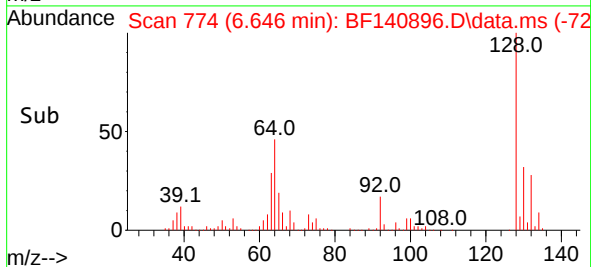
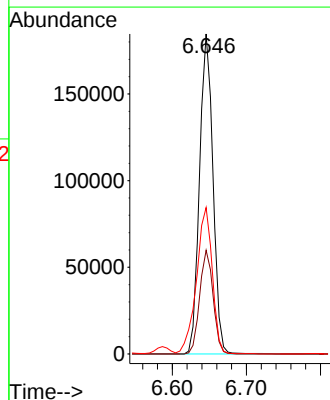
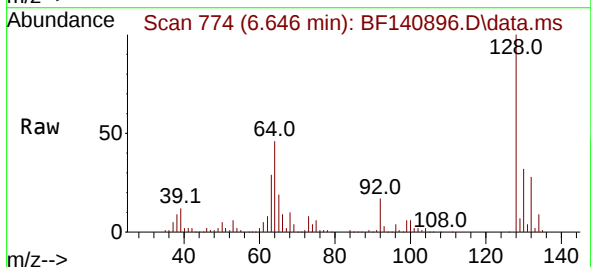
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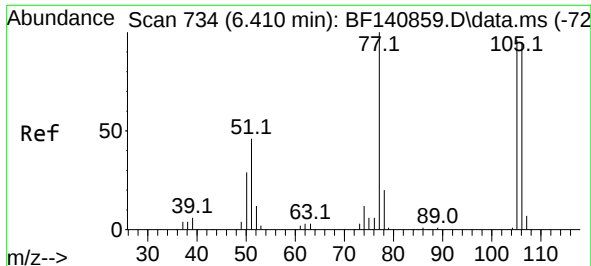
Tgt Ion: 99 Resp: 597686
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 35.2 29.9 44.9



#8
2-Chlorophenol
Concen: 39.424 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 128 Resp: 232390
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 45.7 24.3 64.3





#9

Benzaldehyde

Concen: 37.817 ng

RT: 6.410 min Scan# 710

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

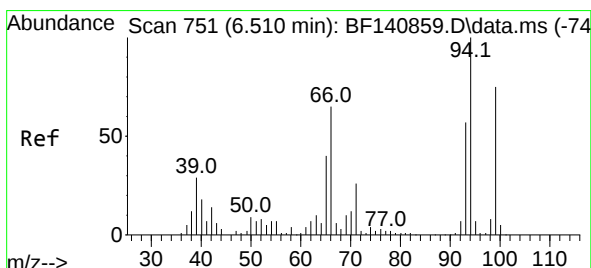
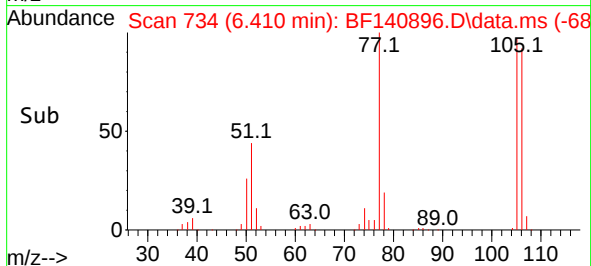
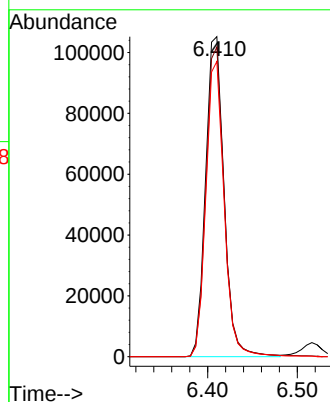
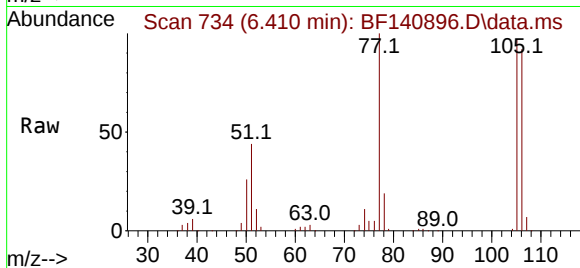
Tgt Ion: 77 Resp: 150021

Ion Ratio Lower Upper

77 100

105 96.7 75.8 115.8

106 92.2 74.1 114.1



#10

Phenol

Concen: 42.405 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

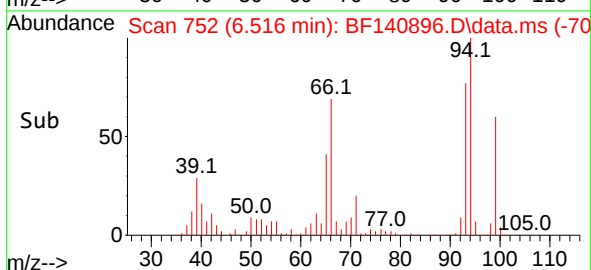
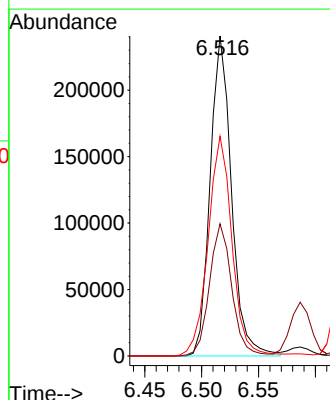
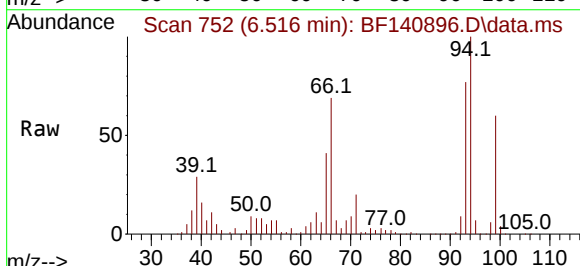
Tgt Ion: 94 Resp: 314661

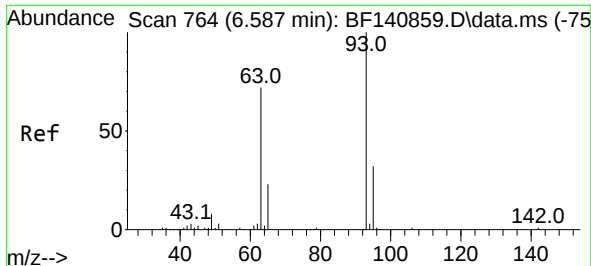
Ion Ratio Lower Upper

94 100

65 41.3 19.9 59.9

66 68.7 45.6 85.6

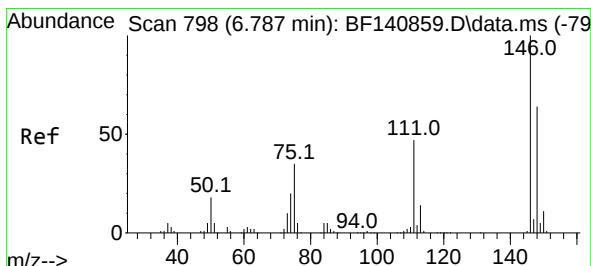
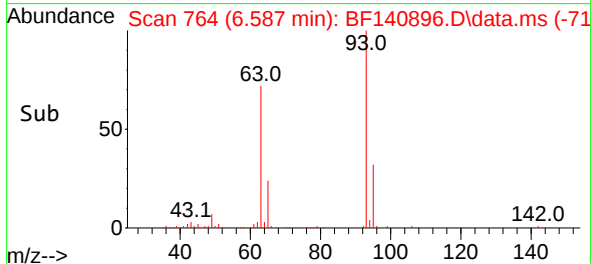
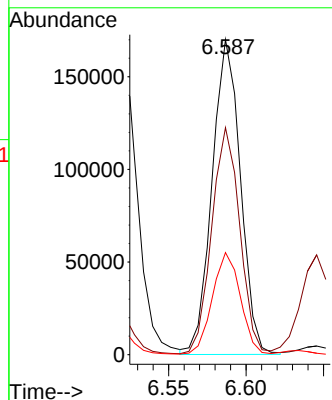
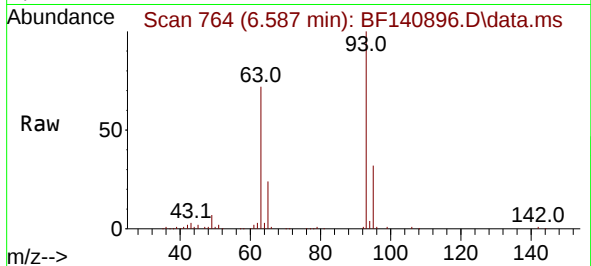




#11
bis(2-Chloroethyl)ether
Concen: 39.059 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

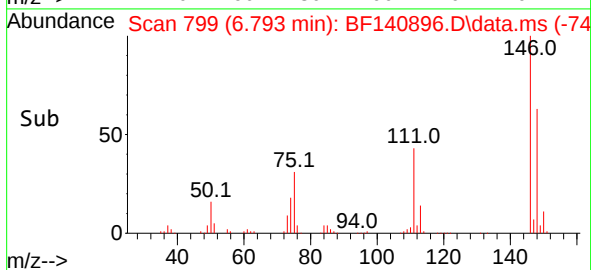
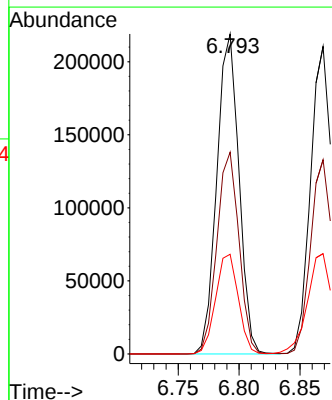
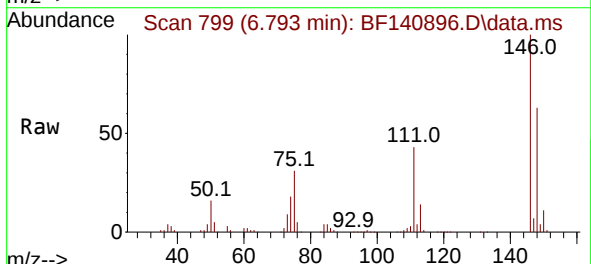
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

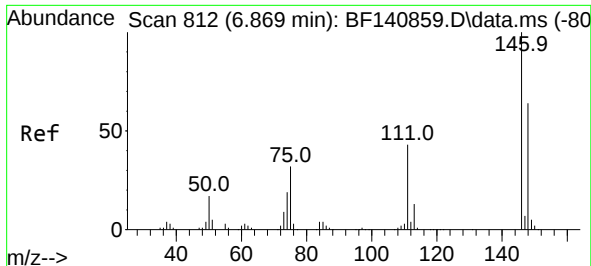
Tgt Ion: 93 Resp: 216145
Ion Ratio Lower Upper
93 100
63 72.0 51.0 91.0
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 41.232 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 146 Resp: 276948
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
75 31.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.584 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

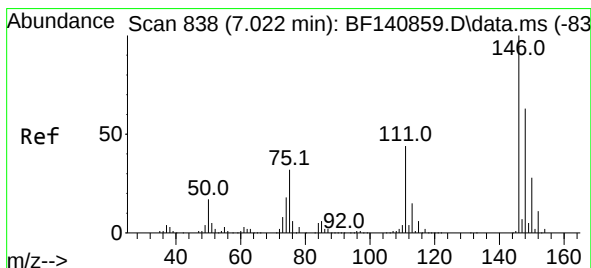
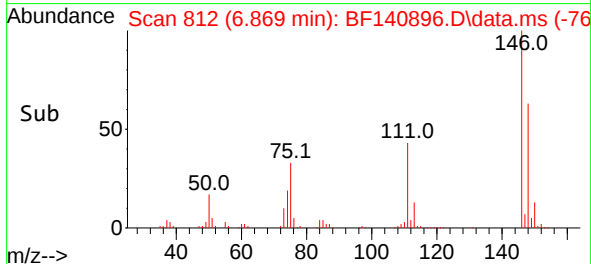
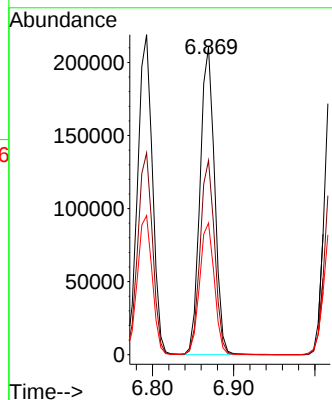
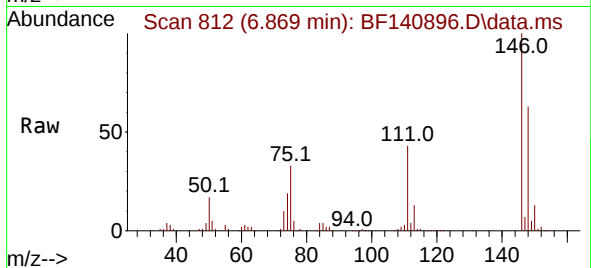
Tgt Ion:146 Resp: 263067

Ion Ratio Lower Upper

146 100

148 63.1 51.3 76.9

111 42.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.176 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

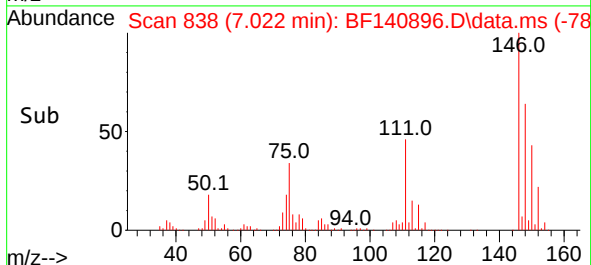
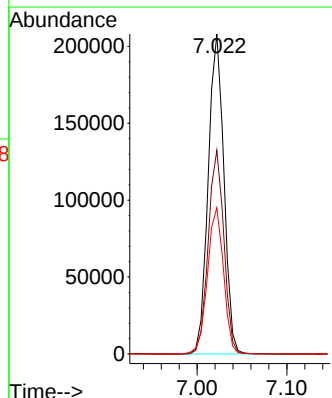
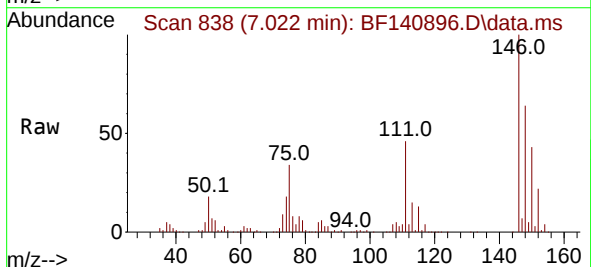
Tgt Ion:146 Resp: 252017

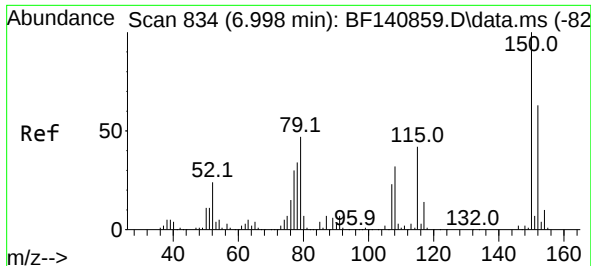
Ion Ratio Lower Upper

146 100

148 63.7 50.0 75.0

111 45.7 35.6 53.4

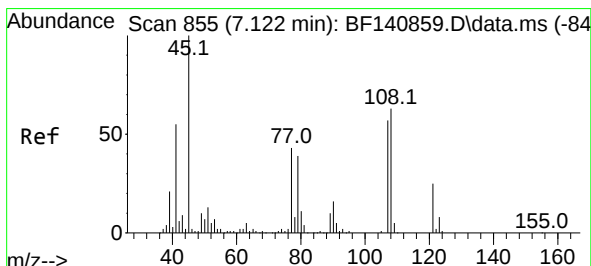
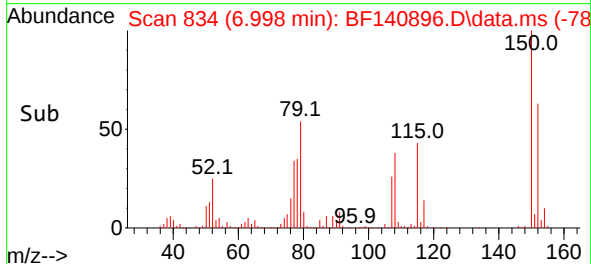
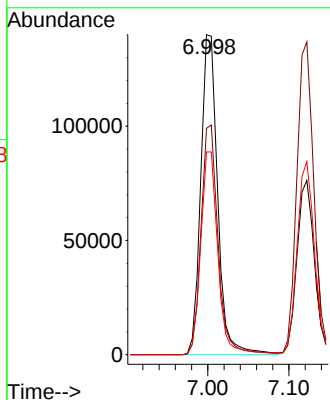
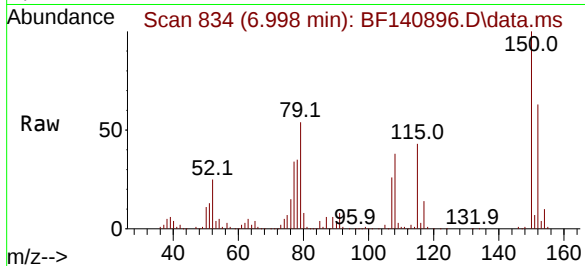




#15
Benzyl Alcohol
Concen: 39.614 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

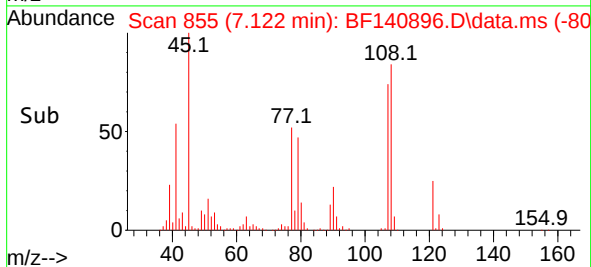
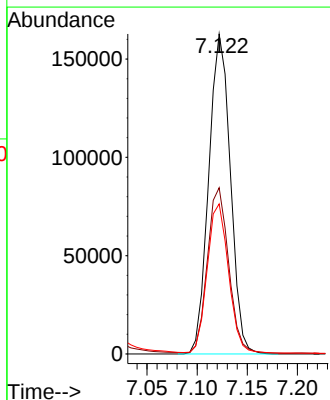
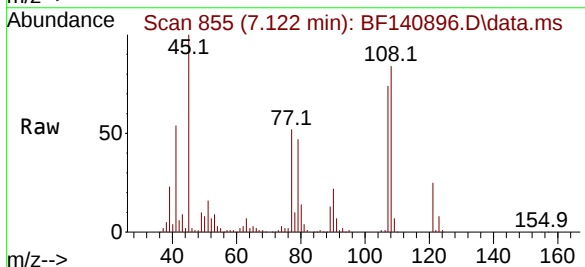
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

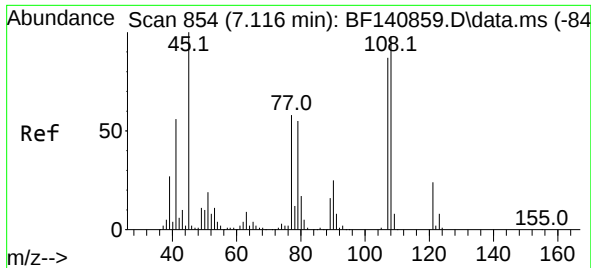
Tgt Ion: 79 Resp: 202788
Ion Ratio Lower Upper
79 100
108 70.8 55.1 82.7
77 63.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.520 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 45 Resp: 244590
Ion Ratio Lower Upper
45 100
77 52.0 23.3 63.3
79 46.9 20.0 60.0

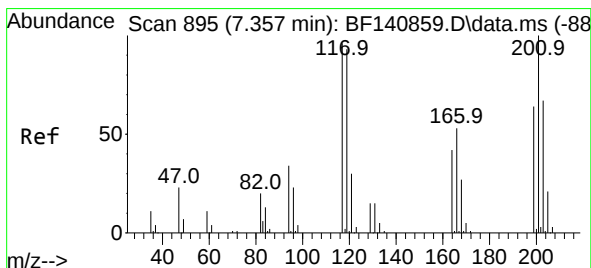
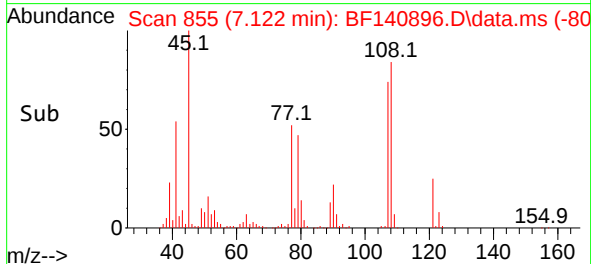
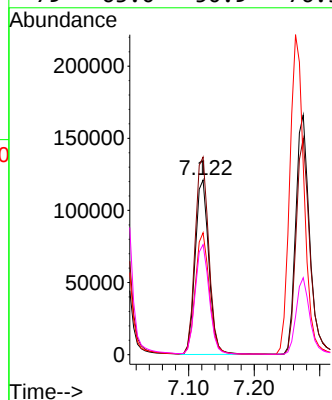
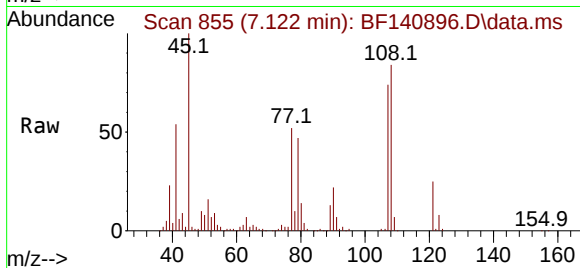




#17
2-Methylphenol
Concen: 37.495 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

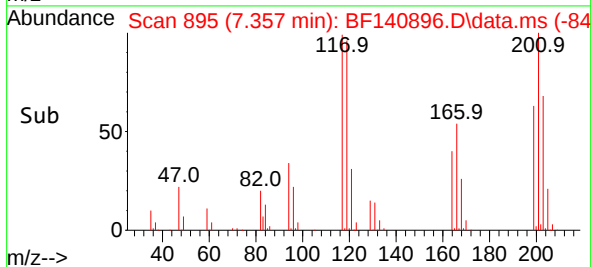
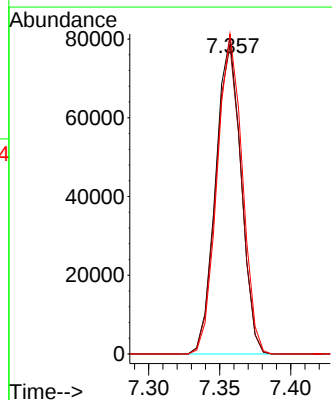
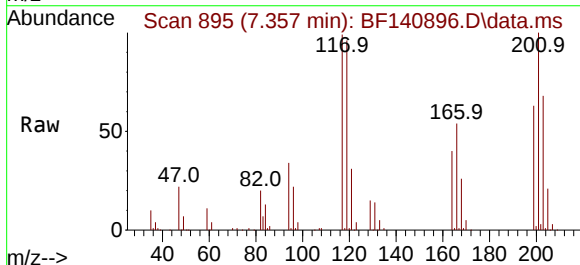
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

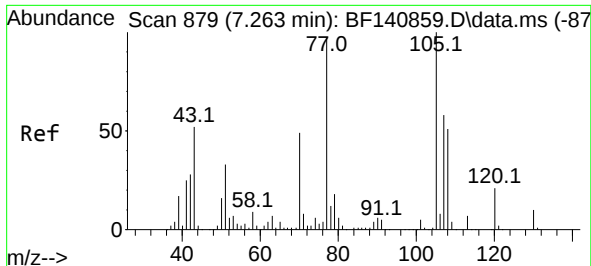
Tgt Ion:	107	Resp:	176457
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.2	135.4
77	69.8	53.8	80.6
79	63.0	50.9	76.3



#18
Hexachloroethane
Concen: 39.095 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:	117	Resp:	99231
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
201	101.2	83.4	125.0

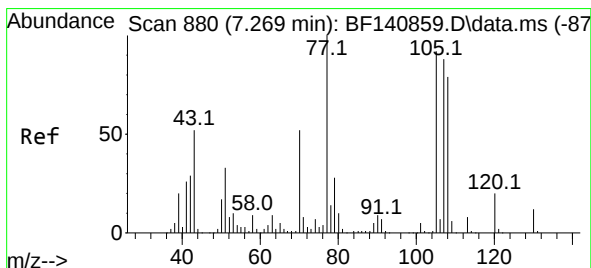
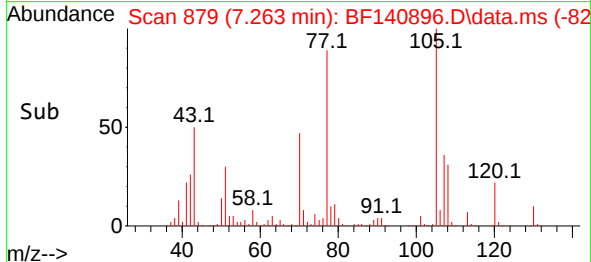
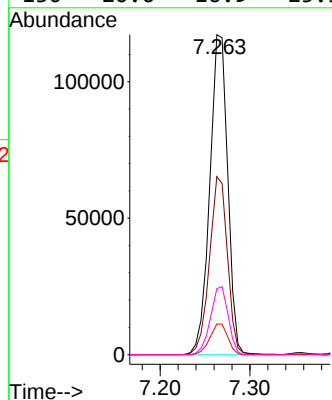
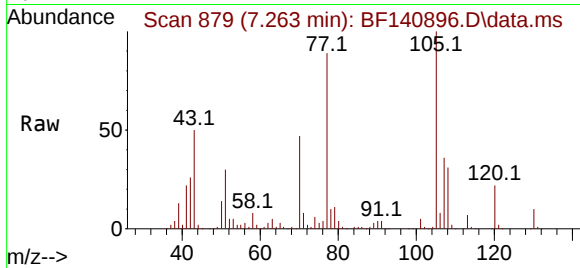




#19
n-Nitroso-di-n-propylamine
Concen: 37.961 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

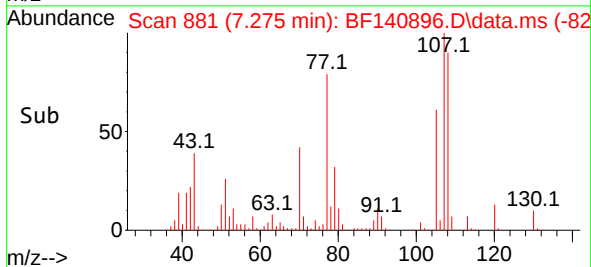
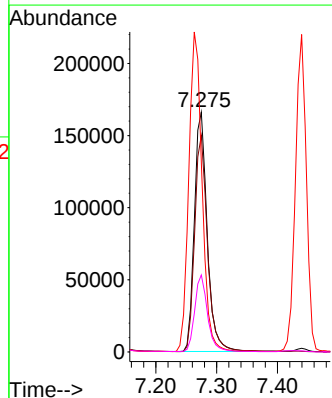
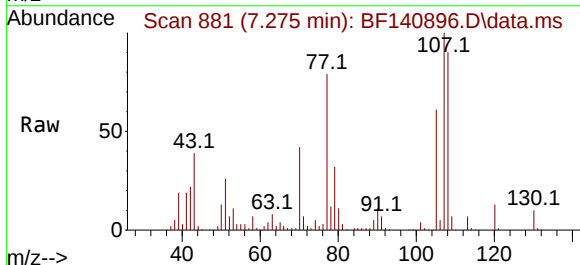
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

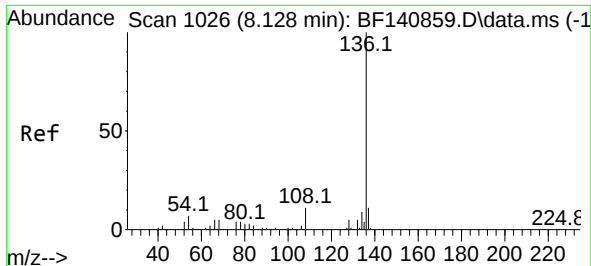
Tgt Ion: 70 Resp: 163032
Ion Ratio Lower Upper
70 100
42 55.6 45.3 67.9
101 9.6 8.0 12.0
130 20.6 16.9 25.3



#20
3+4-Methylphenols
Concen: 39.090 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 107 Resp: 243944
Ion Ratio Lower Upper
107 100
108 90.3 70.1 110.1
77 79.2 94.4 134.4#
79 32.1 12.2 52.2



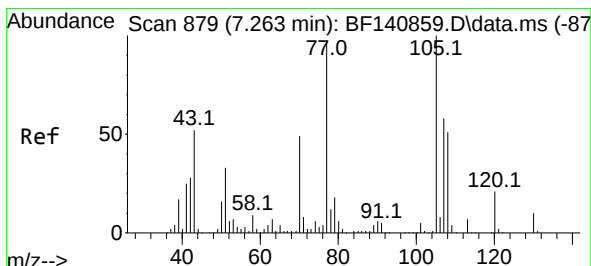
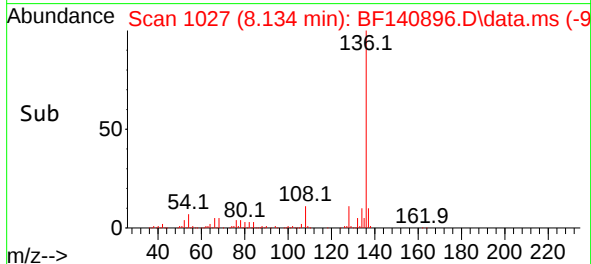
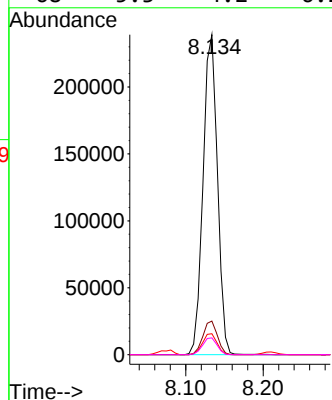
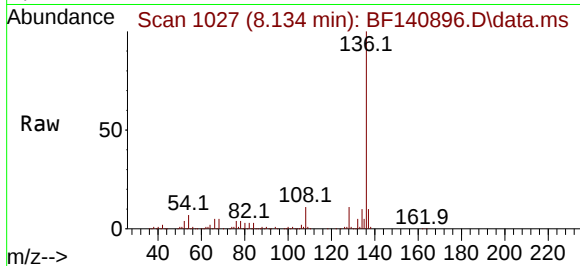


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:136 Resp: 307954

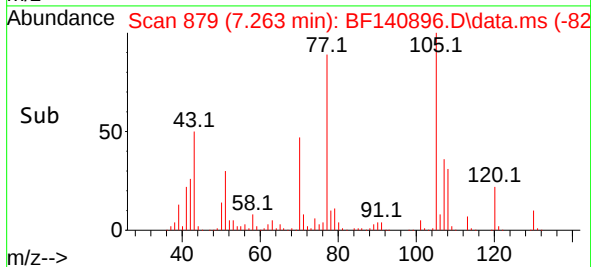
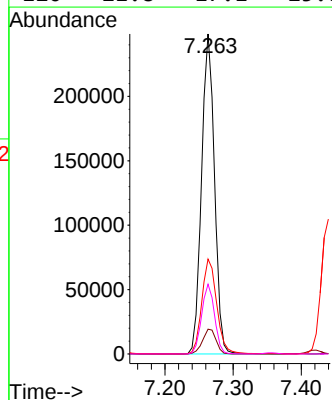
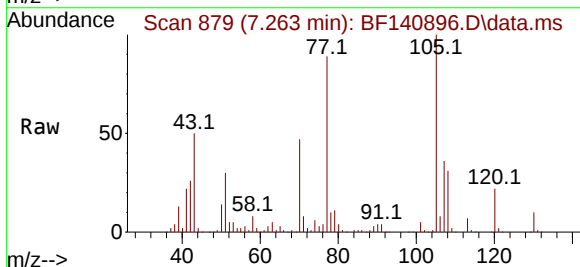
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.5	5.6	8.4
68	5.3	4.2	6.2

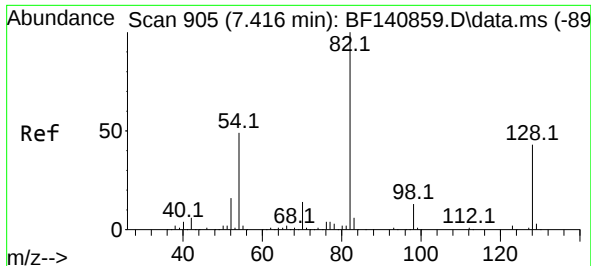


#22
Acetophenone
Concen: 42.570 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:105 Resp: 327939

Ion	Ratio	Lower	Upper
105	100		
71	7.7	6.2	9.4
51	29.6	26.3	39.5
120	21.8	17.1	25.7





#23

Nitrobenzene-d5

Concen: 86.444 ng

RT: 7.422 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

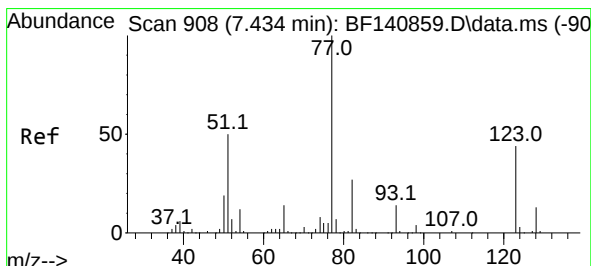
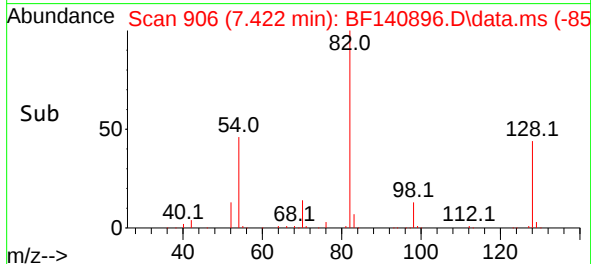
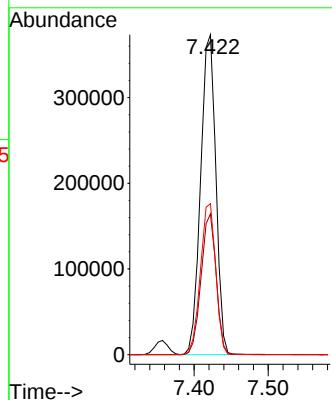
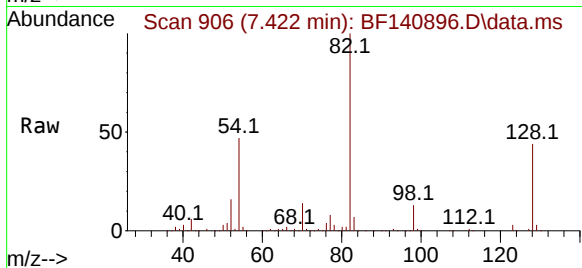
Tgt Ion: 82 Resp: 532087

Ion Ratio Lower Upper

82 100

128 44.0 34.4 51.6

54 47.2 38.8 58.2



#24

Nitrobenzene

Concen: 43.417 ng

RT: 7.440 min Scan# 909

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

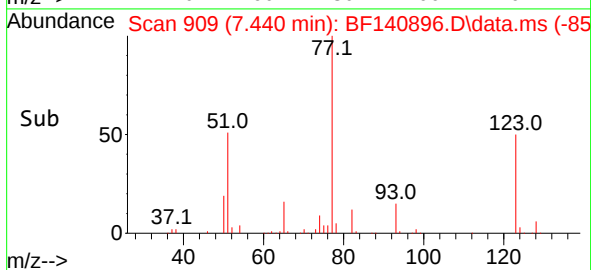
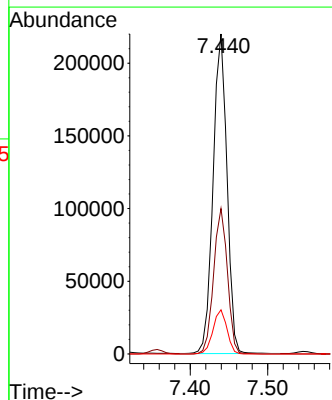
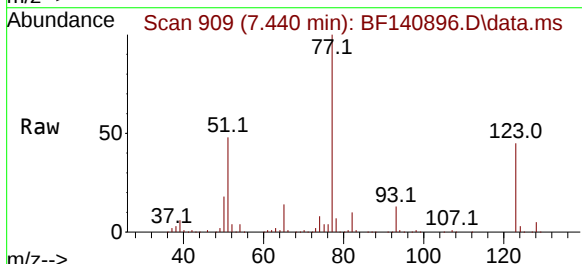
Tgt Ion: 77 Resp: 273781

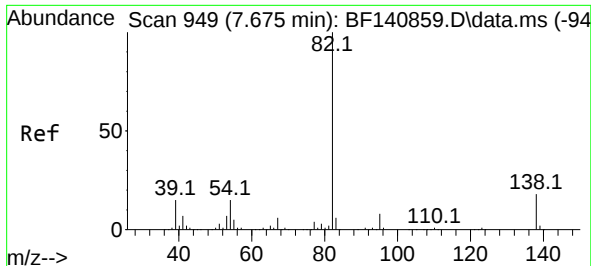
Ion Ratio Lower Upper

77 100

123 45.5 35.0 52.4

65 13.8 11.4 17.0

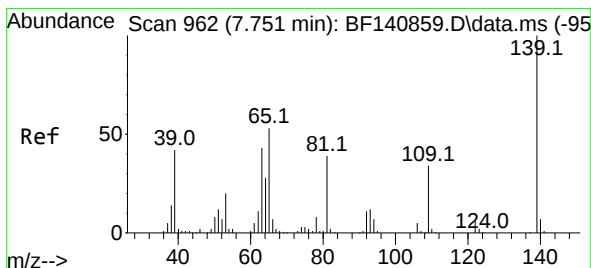
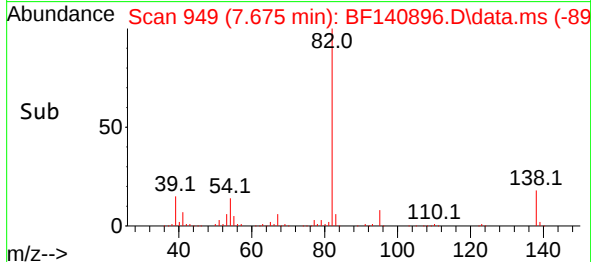
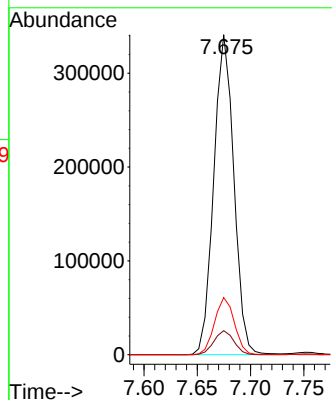
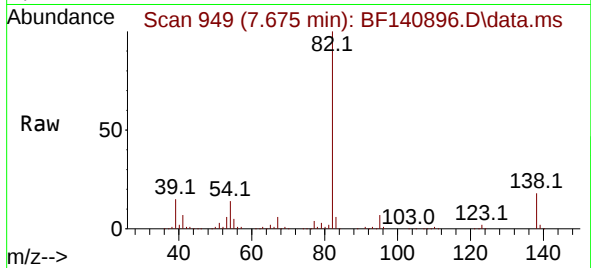




#25
Isophorone
Concen: 43.291 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

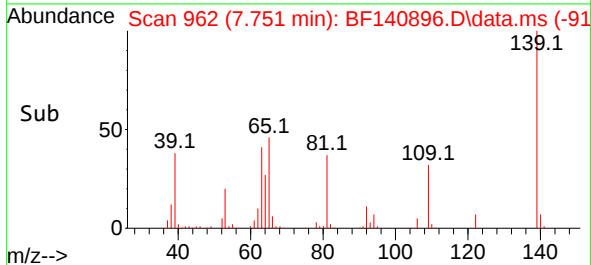
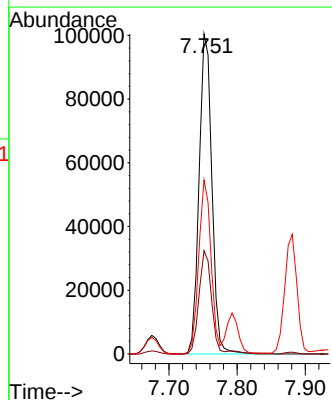
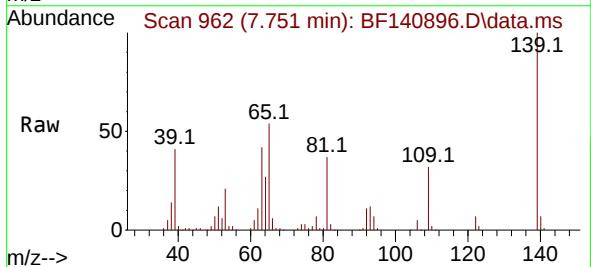
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

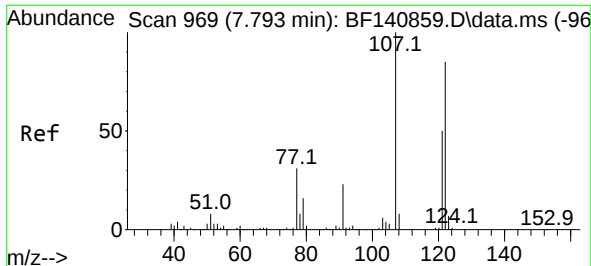
Tgt Ion: 82 Resp: 446475
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 17.8 14.1 21.1



#26
2-Nitrophenol
Concen: 45.111 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:139 Resp: 131014
Ion Ratio Lower Upper
139 100
109 32.3 26.9 40.3
65 54.4 42.6 64.0

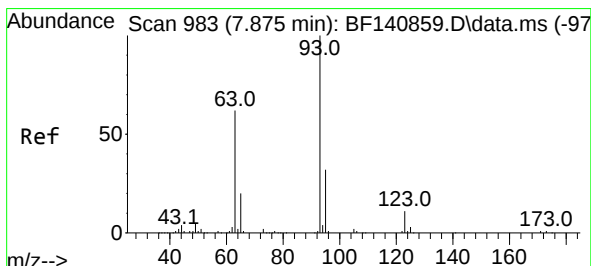
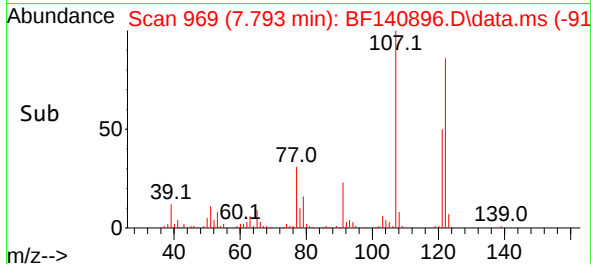
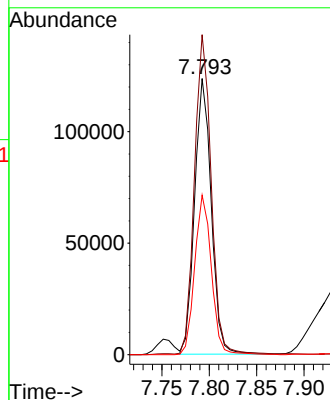
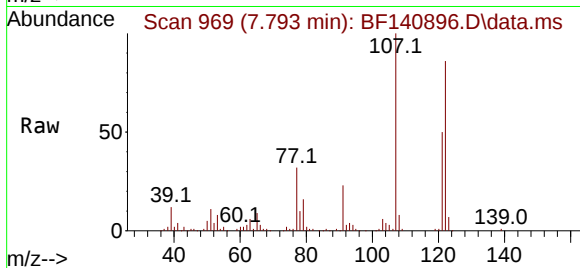




#27
2,4-Dimethylphenol
Concen: 44.606 ng
RT: 7.793 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

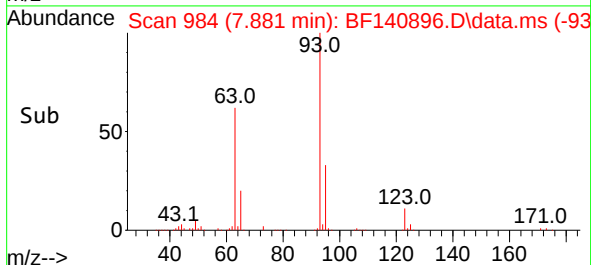
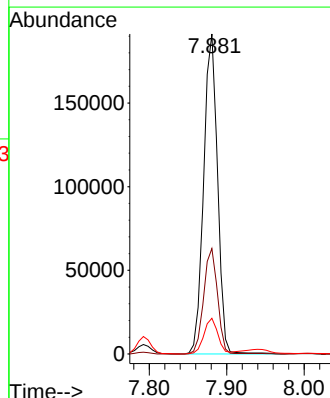
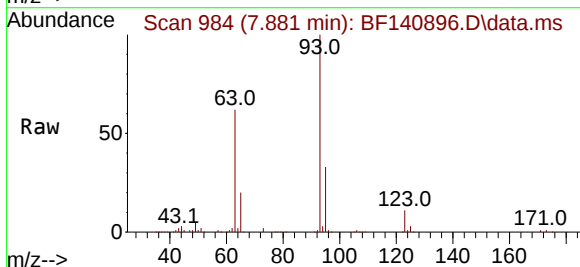
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

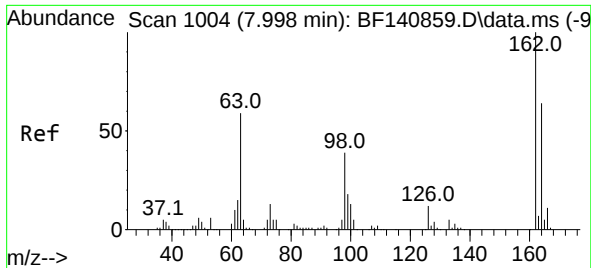
Tgt Ion:122 Resp: 151292
Ion Ratio Lower Upper
122 100
107 115.9 92.6 139.0
121 57.8 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 36.963 ng
RT: 7.881 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 93 Resp: 238096
Ion Ratio Lower Upper
93 100
95 32.9 25.3 37.9
123 11.1 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 39.353 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

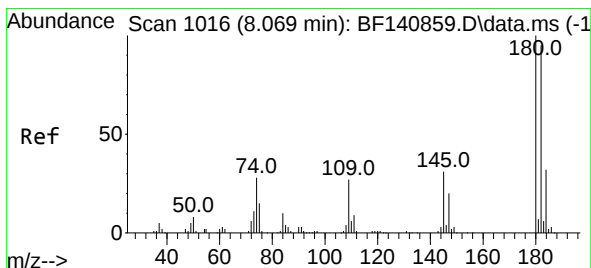
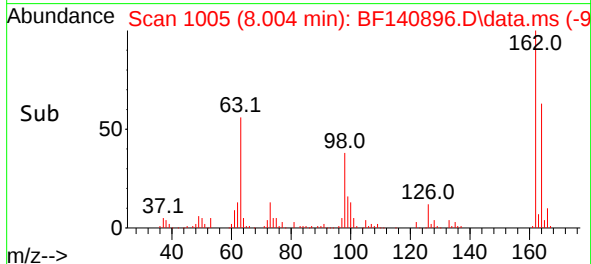
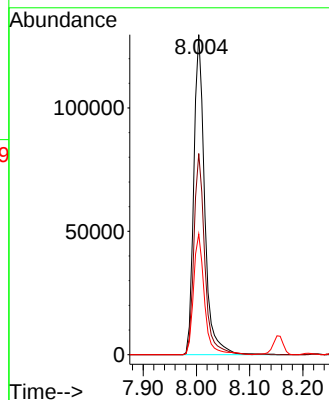
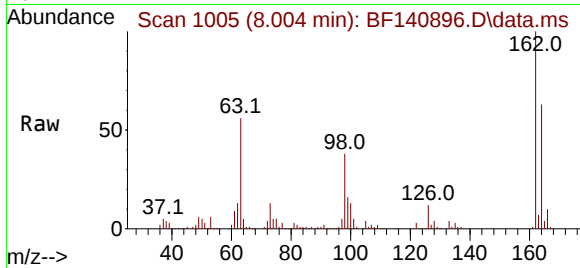
Tgt Ion:162 Resp: 184274

Ion Ratio Lower Upper

162 100

164 62.8 43.7 83.7

98 37.7 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 37.902 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

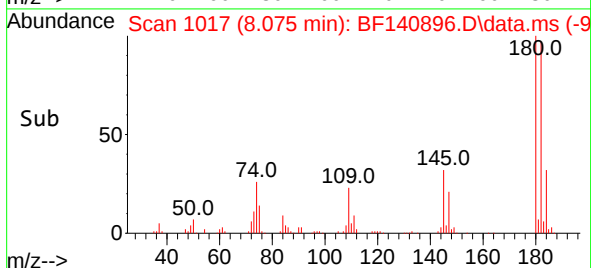
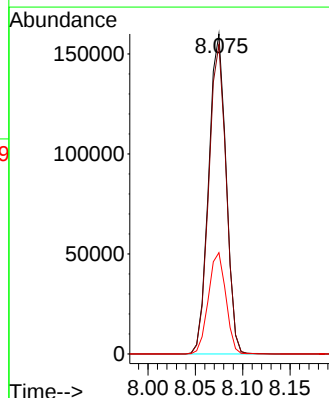
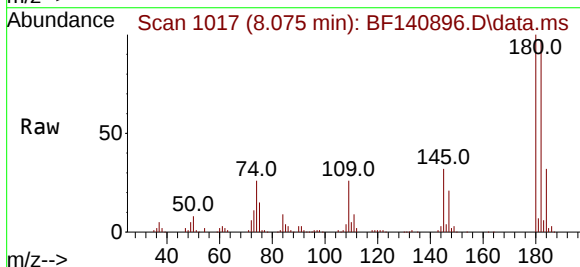
Tgt Ion:180 Resp: 203456

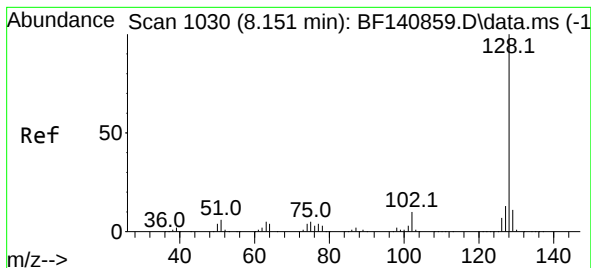
Ion Ratio Lower Upper

180 100

182 96.7 75.8 113.6

145 31.7 25.2 37.8





#31

Naphthalene

Concen: 38.867 ng

RT: 8.151 min Scan# 1030

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

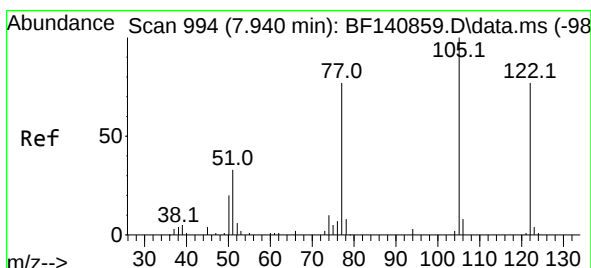
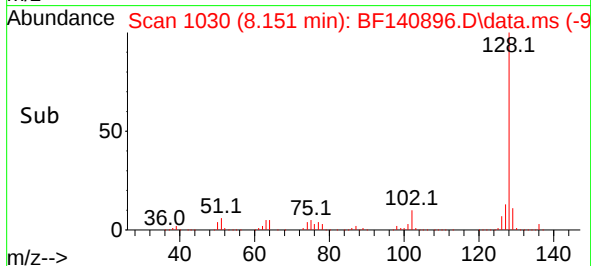
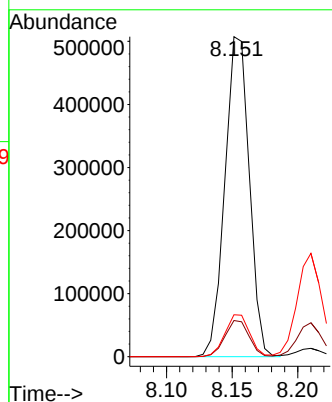
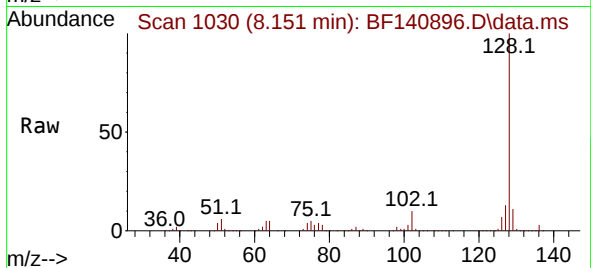
Tgt Ion:128 Resp: 657484

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 34.629 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.005 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

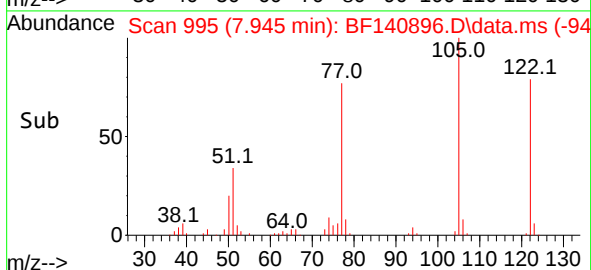
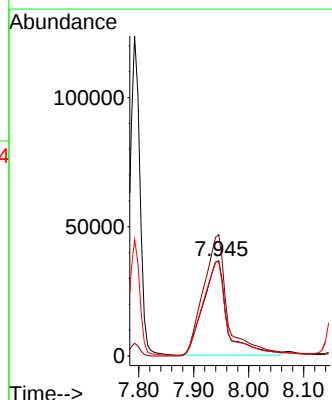
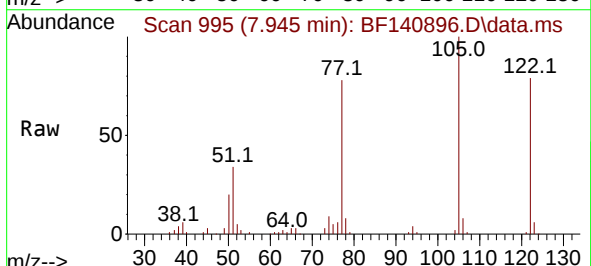
Tgt Ion:122 Resp: 111391

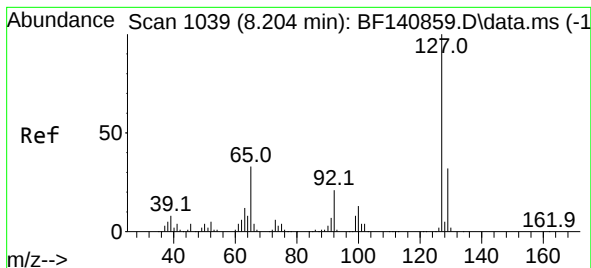
Ion Ratio Lower Upper

122 100

105 127.4 108.3 148.3

77 99.0 78.8 118.8





#33

4-Chloroaniline

Concen: 39.799 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 223603

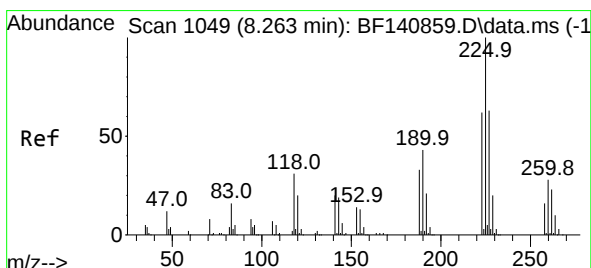
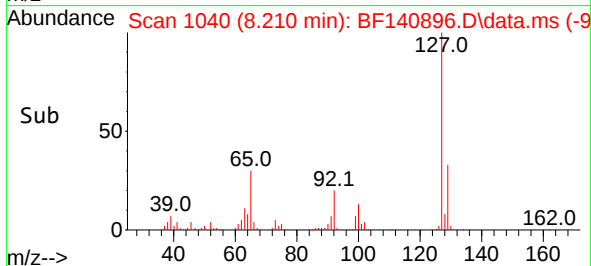
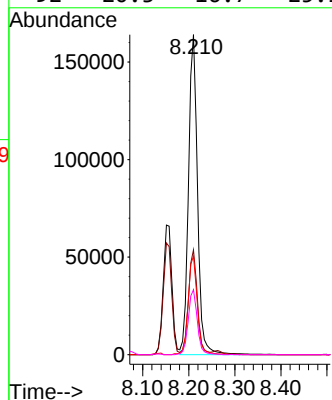
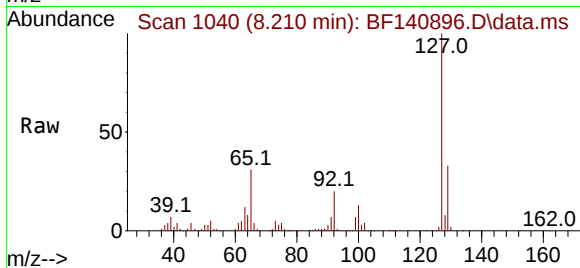
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 30.8 26.0 39.0

92 20.3 16.7 25.1



#34

Hexachlorobutadiene

Concen: 37.565 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

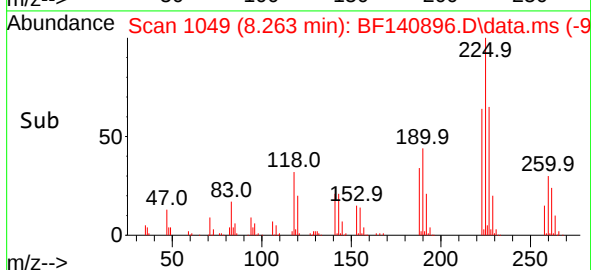
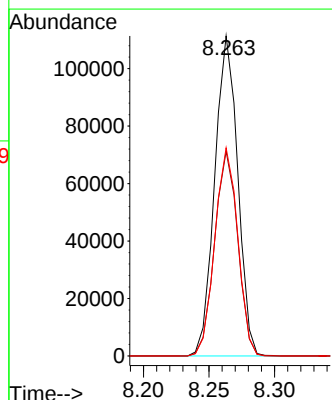
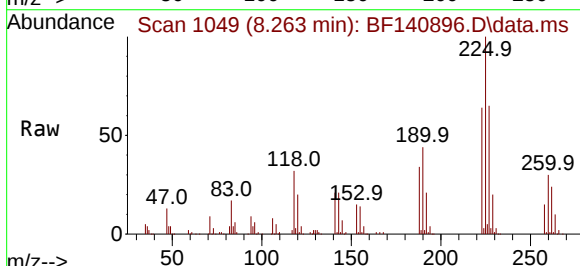
Tgt Ion:225 Resp: 135668

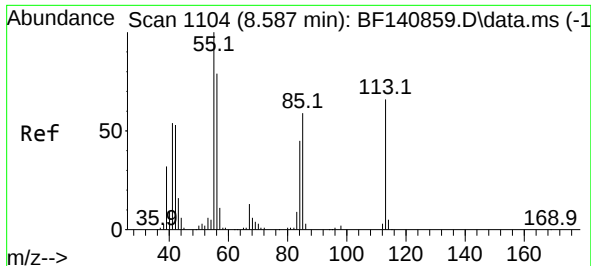
Ion Ratio Lower Upper

225 100

223 64.0 49.6 74.4

227 65.1 50.7 76.1

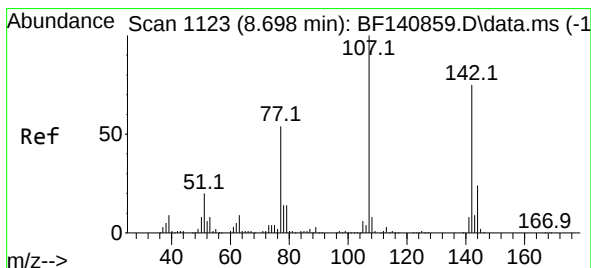
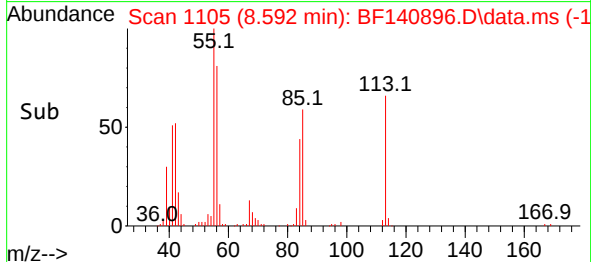
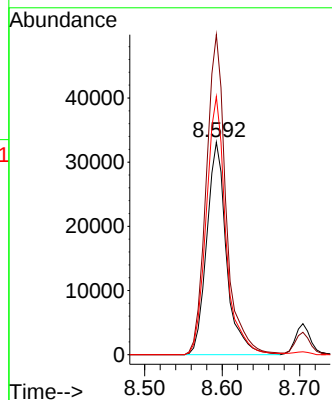
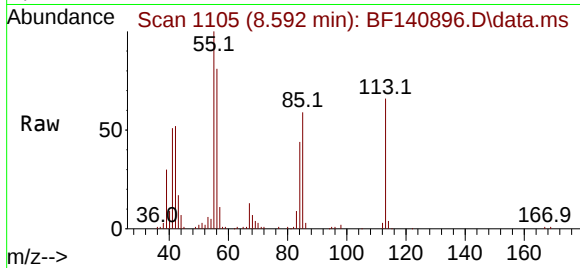




#35
Caprolactam
Concen: 41.905 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

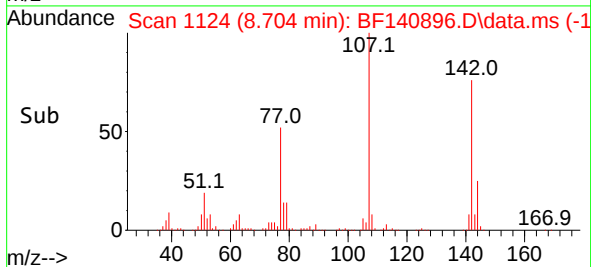
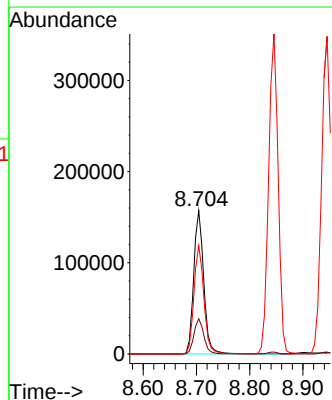
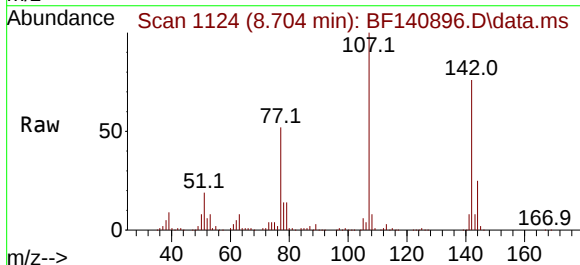
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

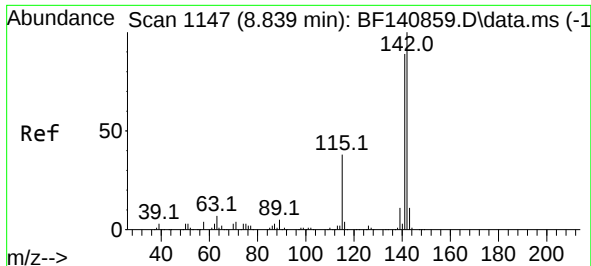
Tgt Ion:113 Resp: 58418
Ion Ratio Lower Upper
113 100
55 150.6 132.3 172.3
56 121.5 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 39.060 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:107 Resp: 205860
Ion Ratio Lower Upper
107 100
144 24.5 19.4 29.2
142 75.5 60.3 90.5





#37

2-Methylnaphthalene

Concen: 38.821 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

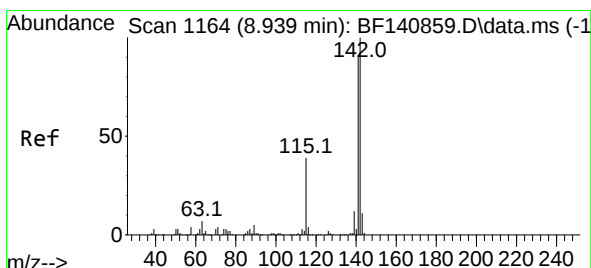
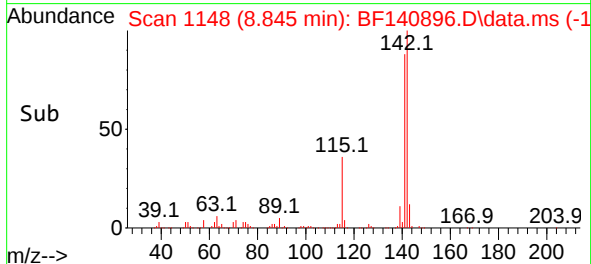
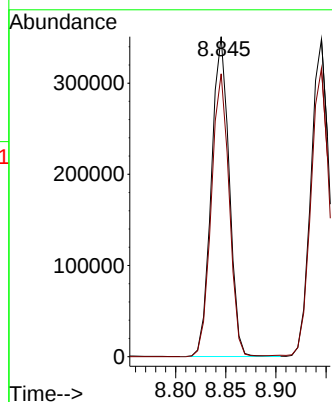
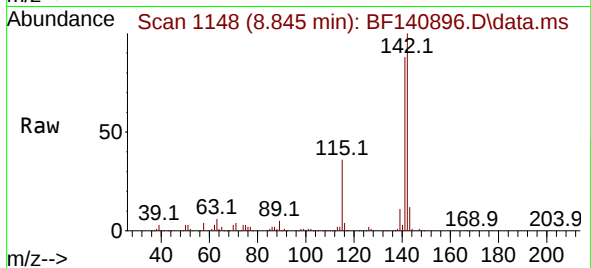
SSTDCCC040

Tgt Ion:142 Resp: 434406

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.299 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF140896.D

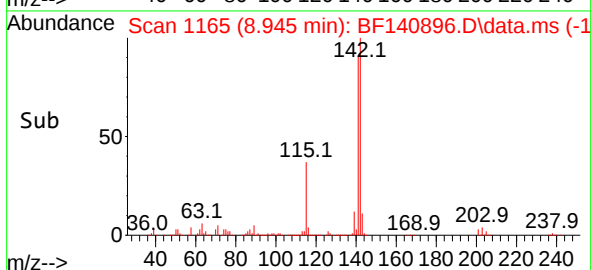
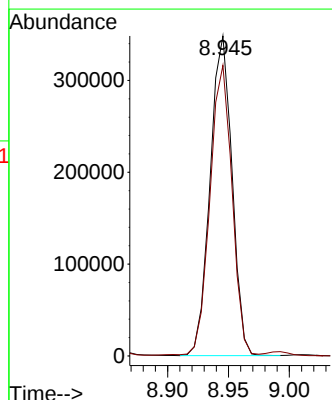
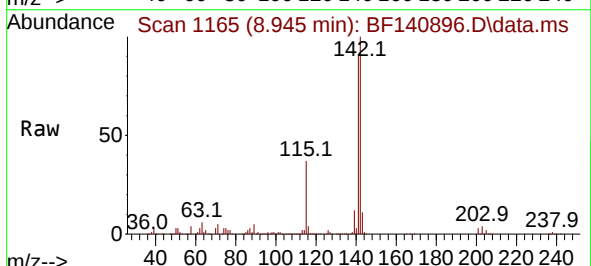
Acq: 18 Dec 2024 10:43

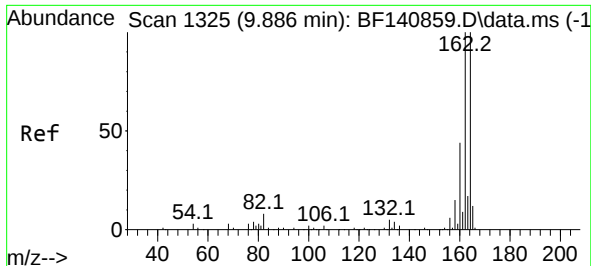
Tgt Ion:142 Resp: 434919

Ion Ratio Lower Upper

142 100

141 90.8 73.4 110.0

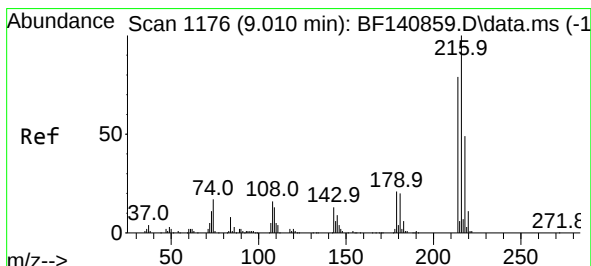
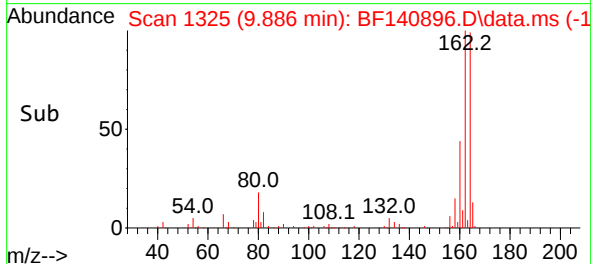
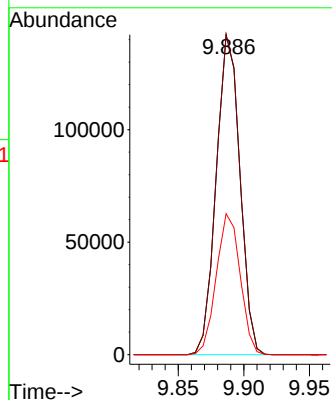
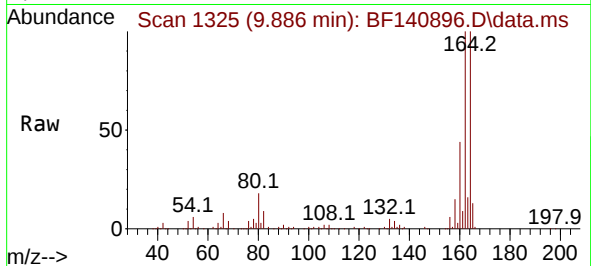




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

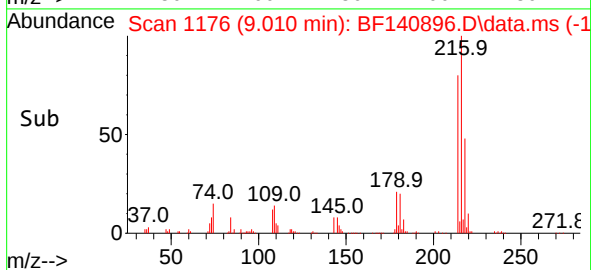
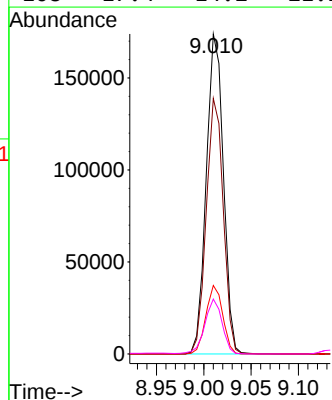
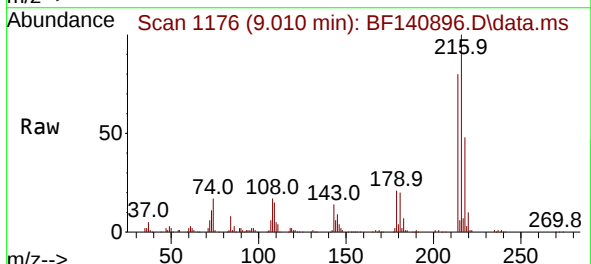
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

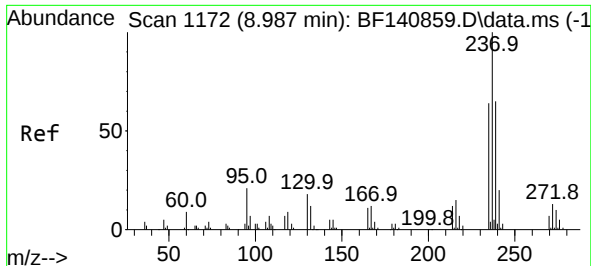
Tgt Ion:164 Resp: 178243
Ion Ratio Lower Upper
164 100
162 100.0 79.9 119.9
160 44.1 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.785 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:216 Resp: 217966
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 21.0 17.0 25.4
108 17.4 14.2 21.2

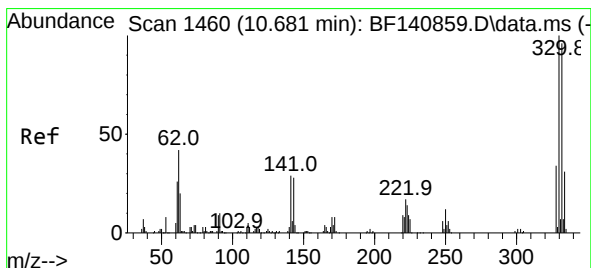
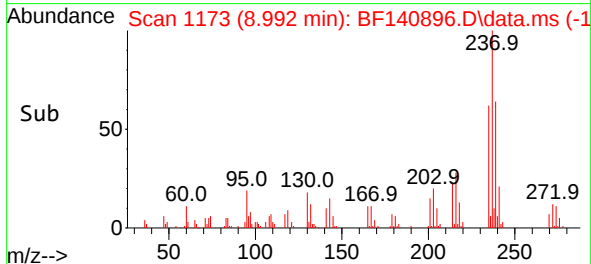
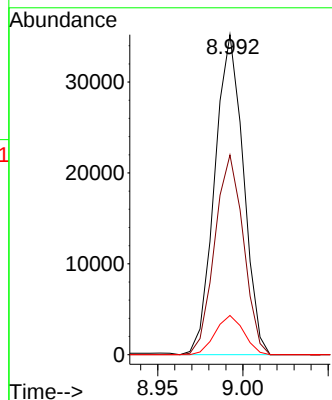
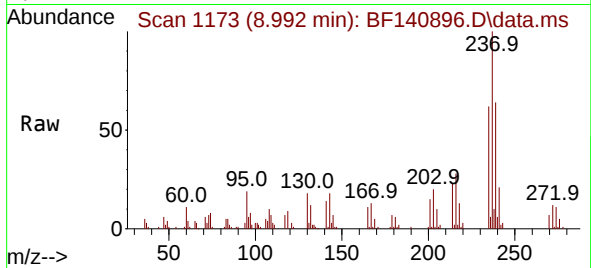




#41
Hexachlorocyclopentadiene
Concen: 34.386 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

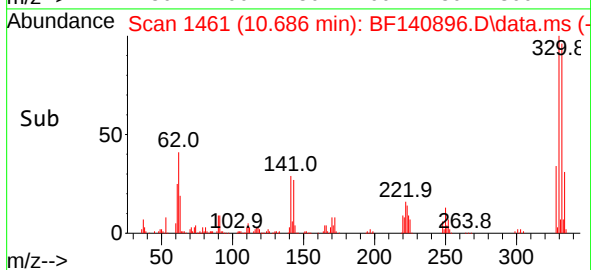
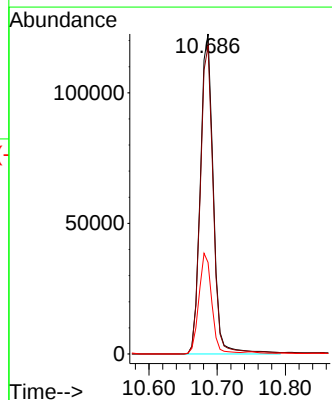
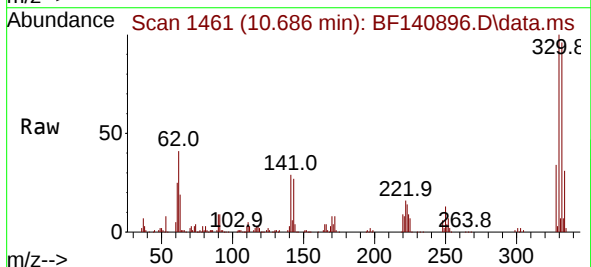
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

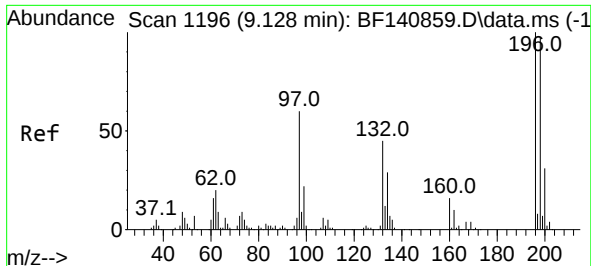
Tgt Ion:237 Resp: 41145
Ion Ratio Lower Upper
237 100
235 62.4 43.7 83.7
272 12.3 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 76.807 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:330 Resp: 161917
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 31.1 24.9 37.3

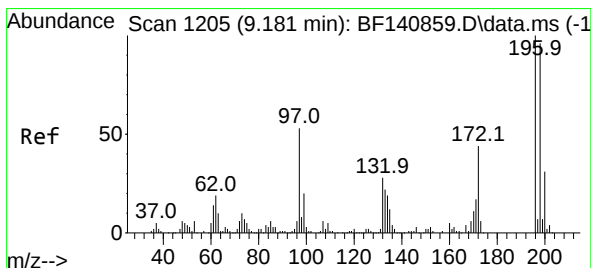
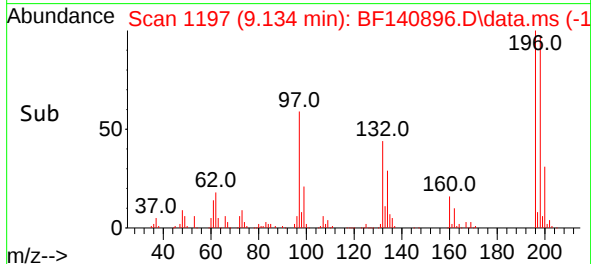
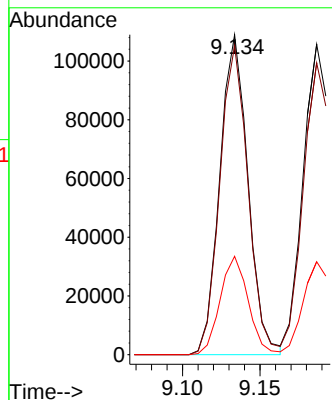
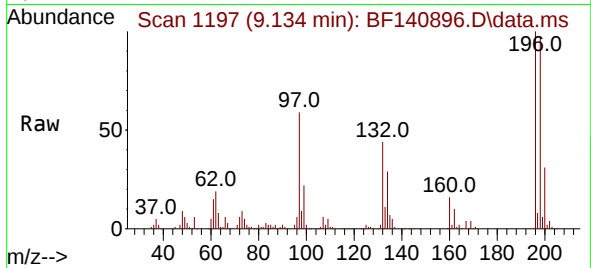




#43
2,4,6-Trichlorophenol
Concen: 41.118 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

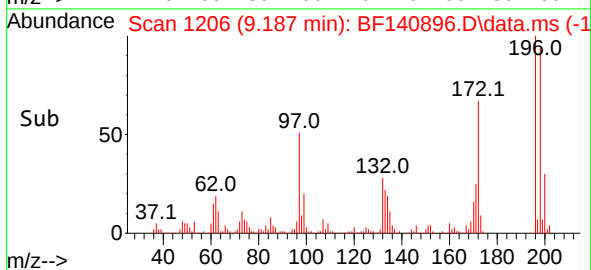
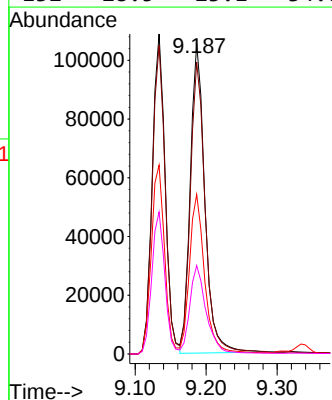
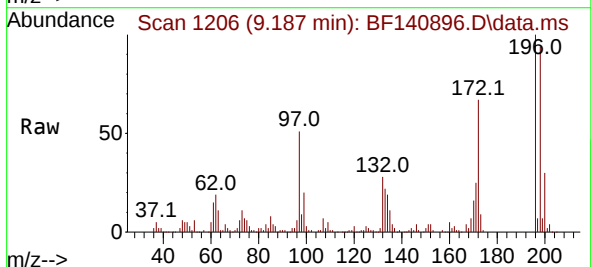
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

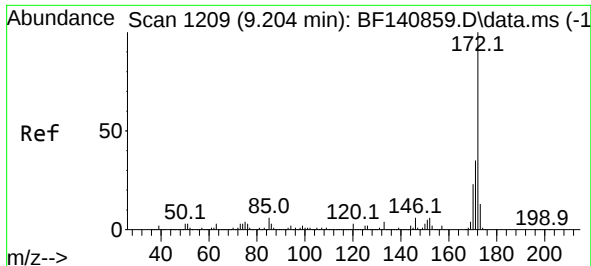
Tgt Ion:196 Resp: 137937
Ion Ratio Lower Upper
196 100
198 96.5 77.4 116.0
200 30.8 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 40.876 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:196 Resp: 150716
Ion Ratio Lower Upper
196 100
198 94.0 77.2 115.8
97 51.4 42.2 63.4
132 28.5 23.1 34.7

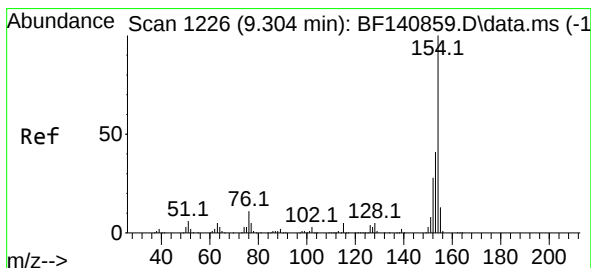
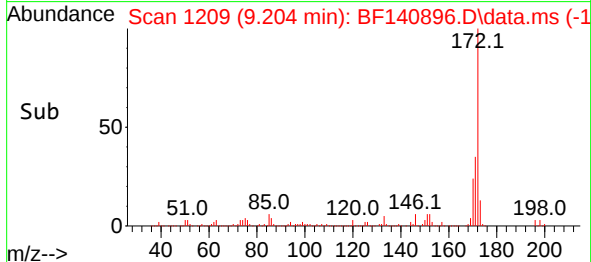
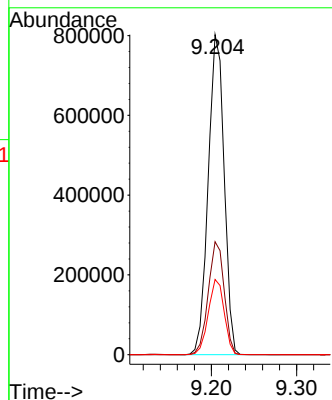
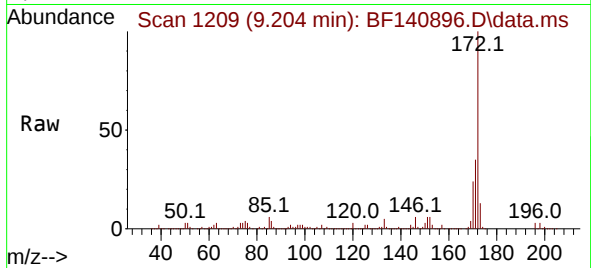




#45
2-Fluorobiphenyl
Concen: 80.324 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

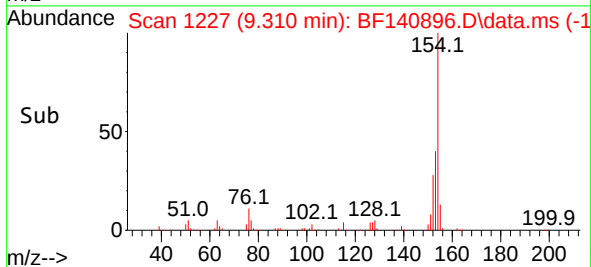
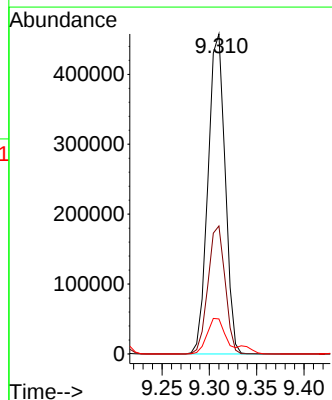
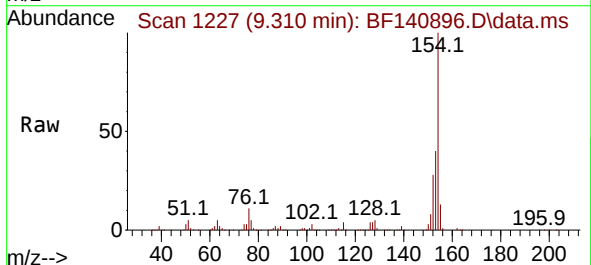
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

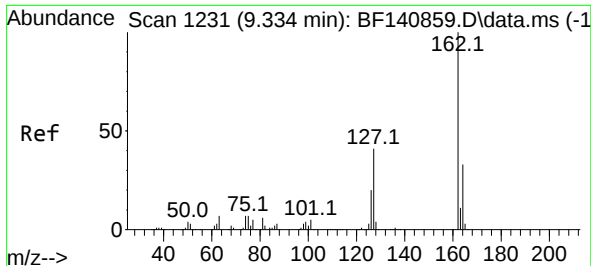
Tgt Ion:172 Resp: 1041367
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.398 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:154 Resp: 572589
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 10.9 0.0 31.0

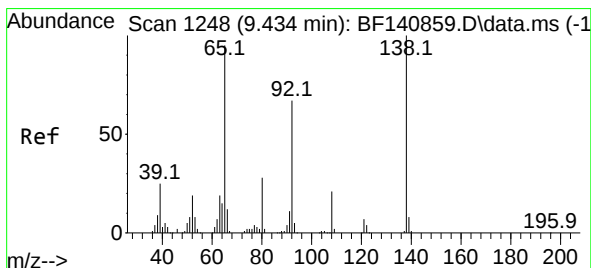
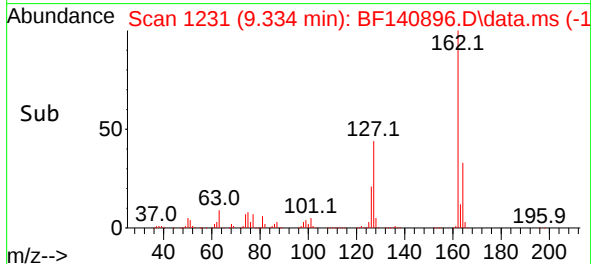
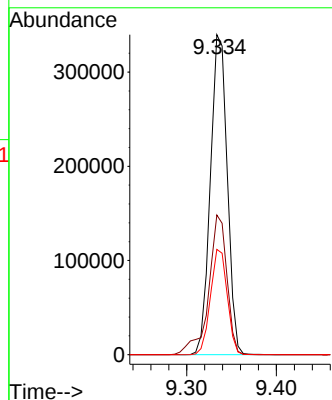
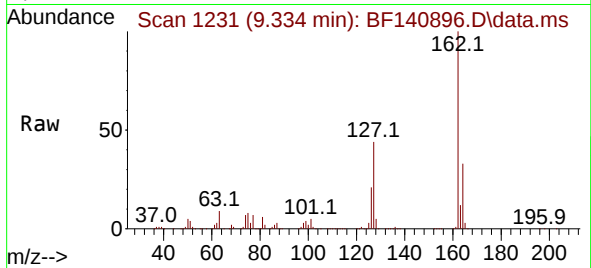




#47
2-Chloronaphthalene
Concen: 40.911 ng
RT: 9.334 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

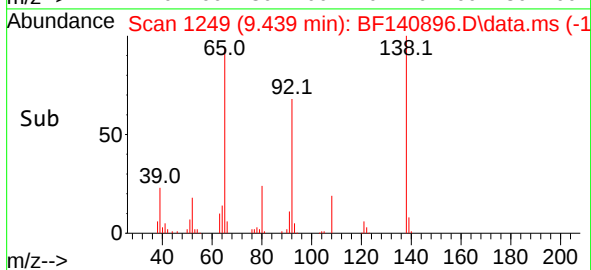
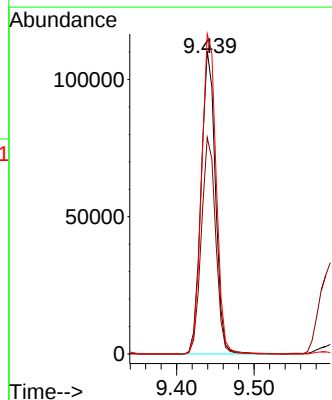
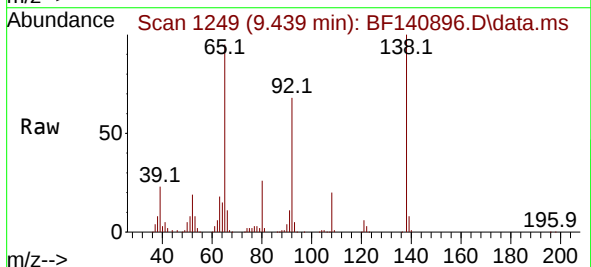
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

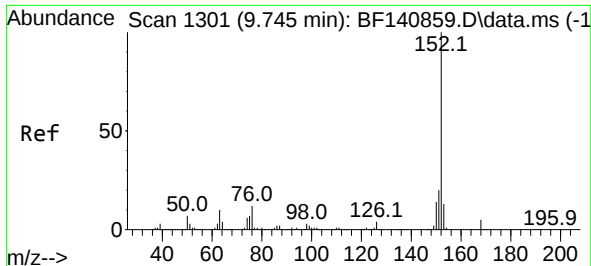
Tgt Ion:162 Resp: 443599
Ion Ratio Lower Upper
162 100
127 43.7 33.5 50.3
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 43.425 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion: 65 Resp: 142204
Ion Ratio Lower Upper
65 100
92 71.4 56.3 84.5
138 105.6 83.8 125.6

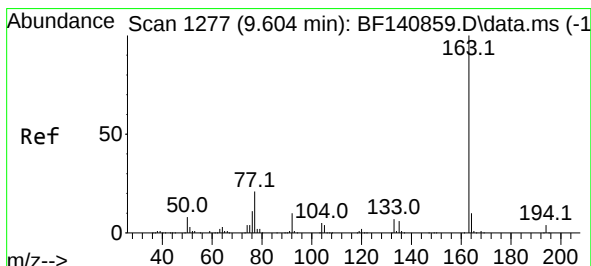
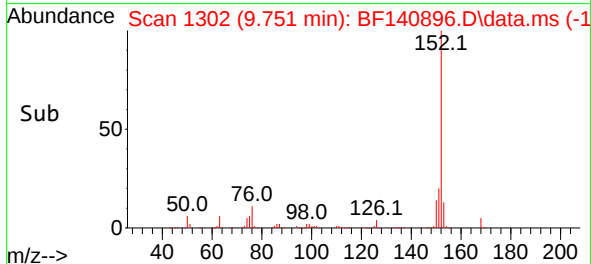
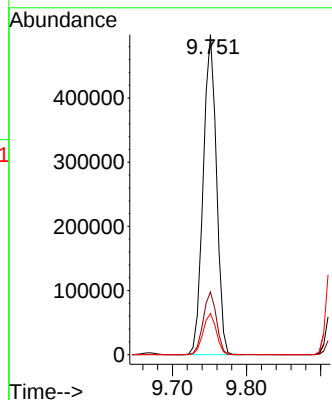
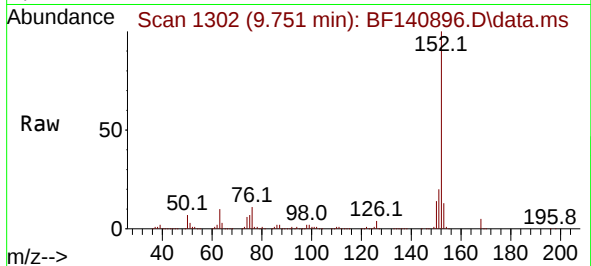




#49
Acenaphthylene
Concen: 38.931 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

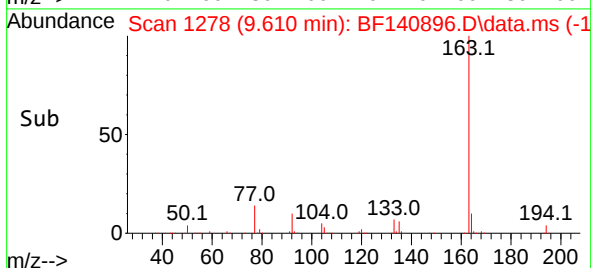
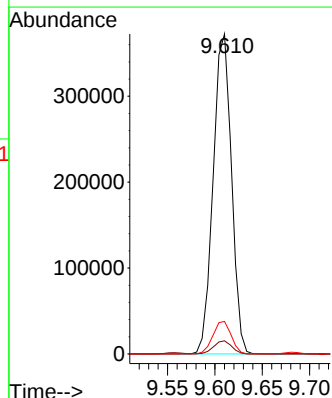
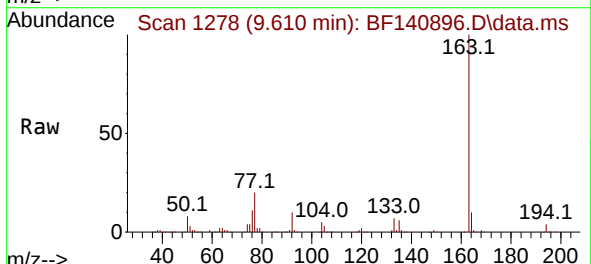
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

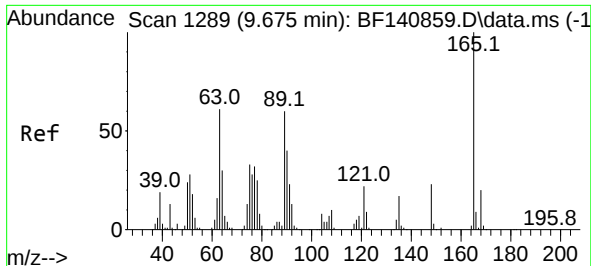
Tgt Ion:152 Resp: 620347
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 12.8 10.6 16.0



#50
Dimethylphthalate
Concen: 39.776 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:163 Resp: 499849
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.593 ng

RT: 9.681 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

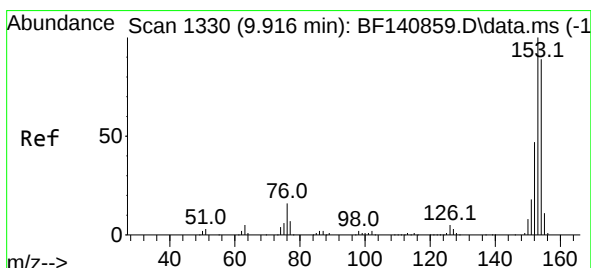
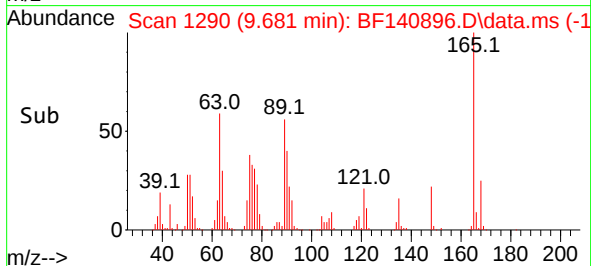
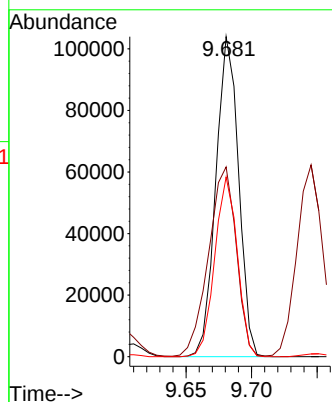
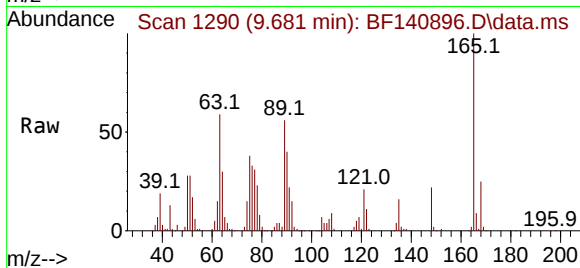
Tgt Ion:165 Resp: 125234

Ion Ratio Lower Upper

165 100

63 59.3 49.7 74.5

89 56.1 48.2 72.4



#52

Acenaphthene

Concen: 38.767 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

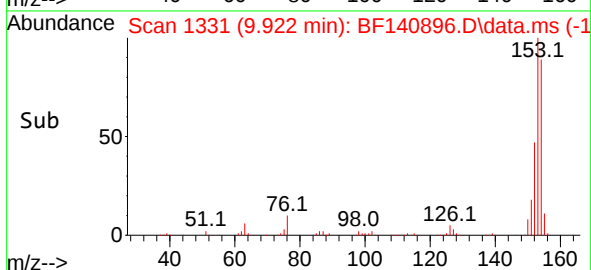
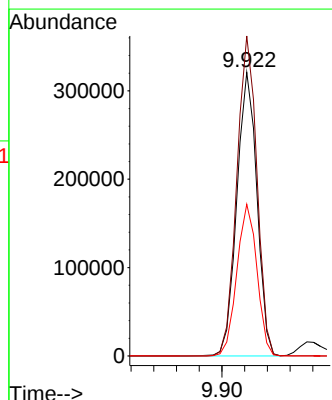
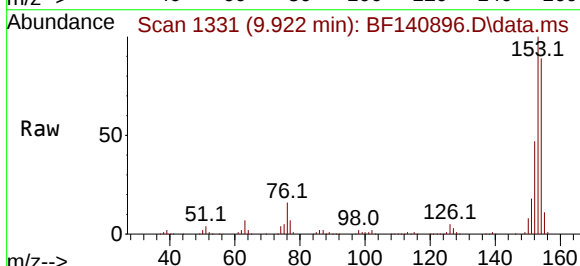
Tgt Ion:154 Resp: 394595

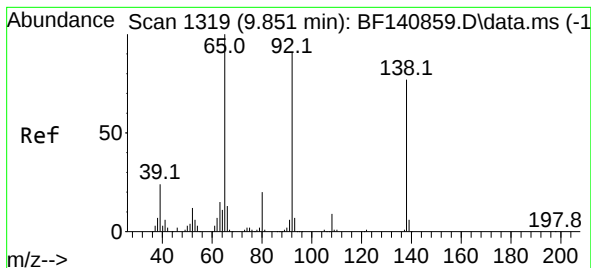
Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

152 53.4 42.6 63.8





#53

3-Nitroaniline

Concen: 40.594 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

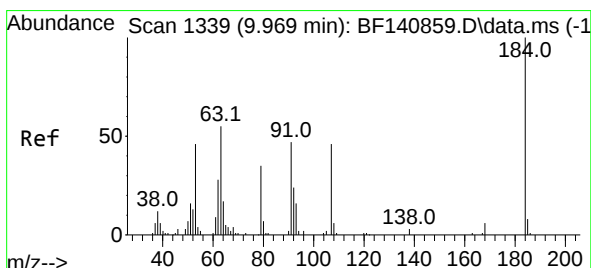
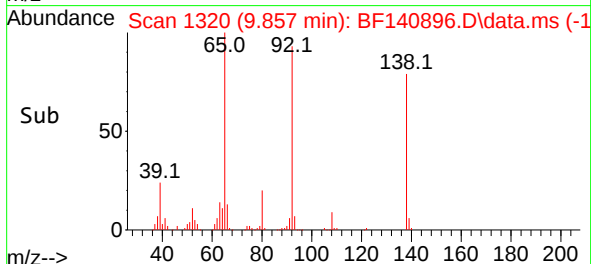
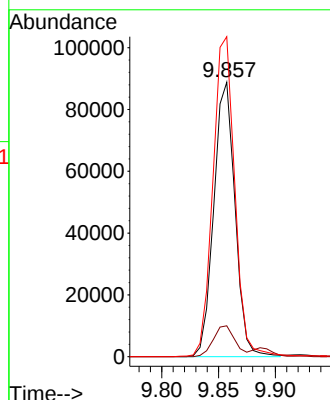
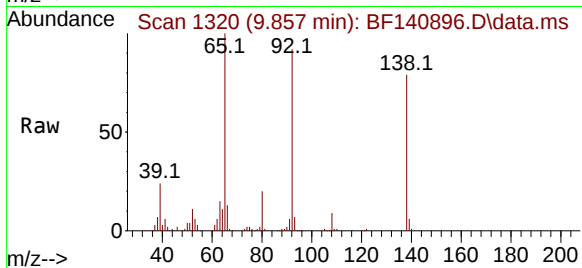
Tgt Ion:138 Resp: 115732

Ion Ratio Lower Upper

138 100

108 11.3 9.0 13.4

92 116.6 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 35.939 ng

RT: 9.981 min Scan# 1341

Delta R.T. 0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

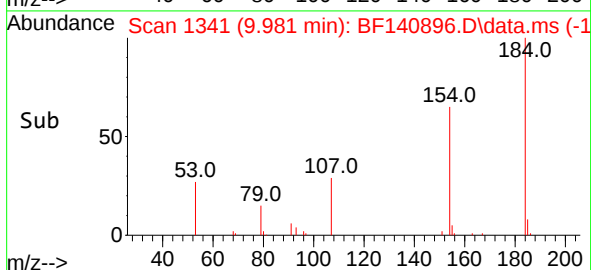
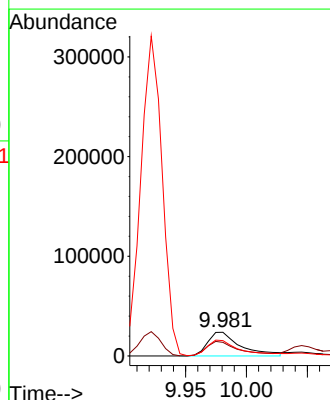
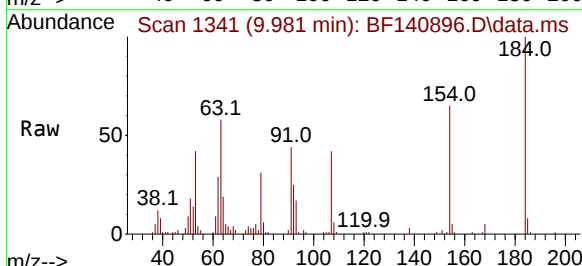
Tgt Ion:184 Resp: 44877

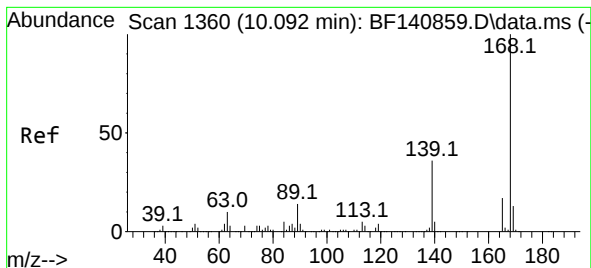
Ion Ratio Lower Upper

184 100

63 57.5 51.6 77.4

154 65.1 56.1 84.1





#55

Dibenzofuran

Concen: 38.326 ng

RT: 10.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

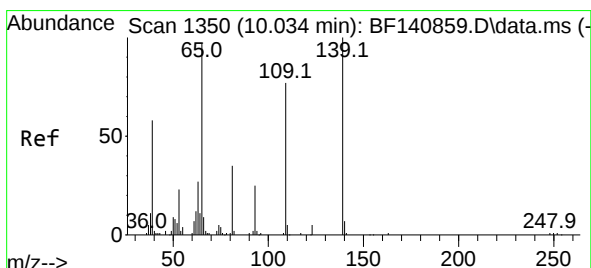
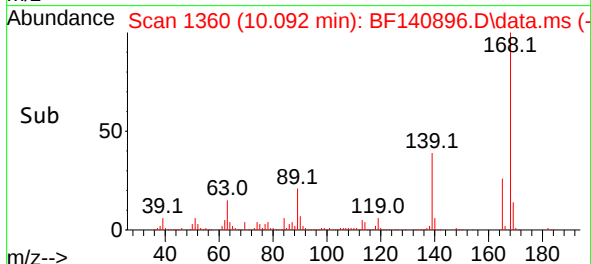
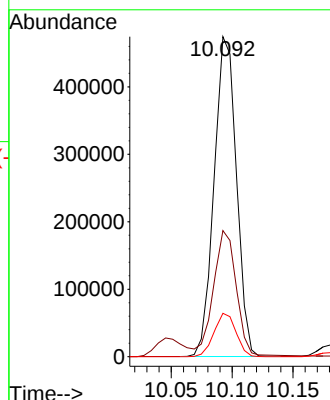
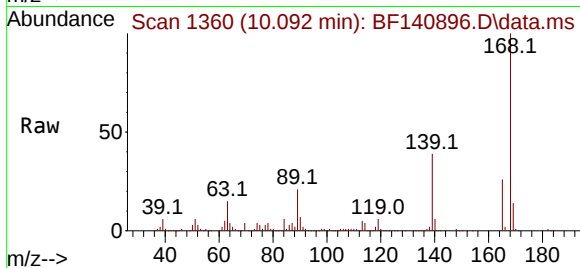
Tgt Ion:168 Resp: 604503

Ion Ratio Lower Upper

168 100

139 39.4 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 32.311 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

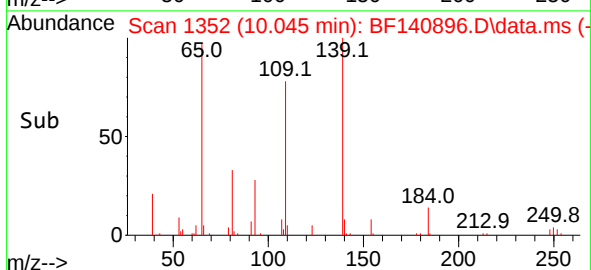
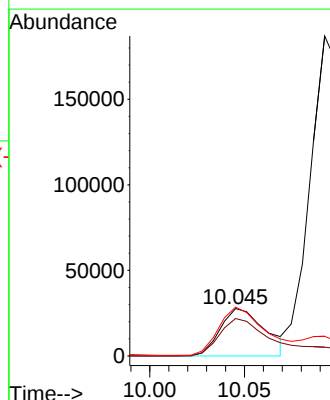
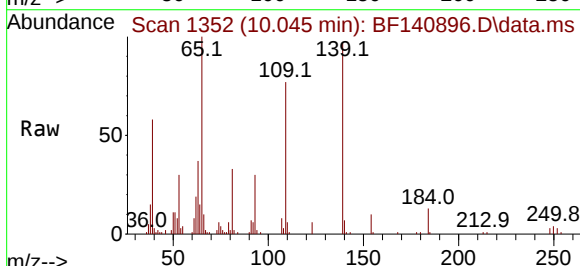
Tgt Ion:139 Resp: 45251

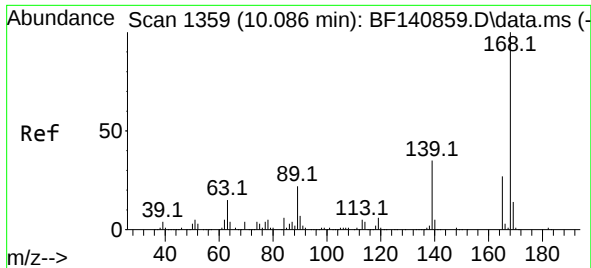
Ion Ratio Lower Upper

139 100

109 79.0 56.7 96.7

65 102.8 78.1 118.1

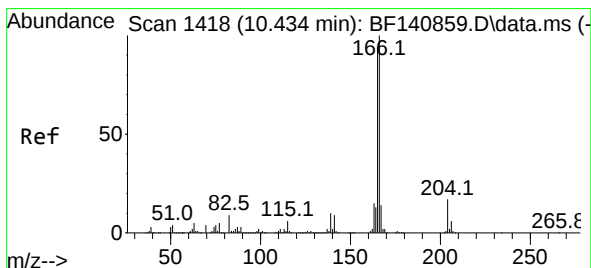
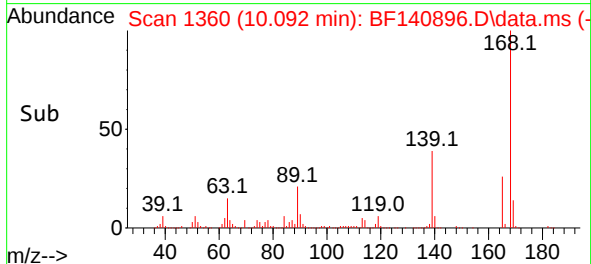
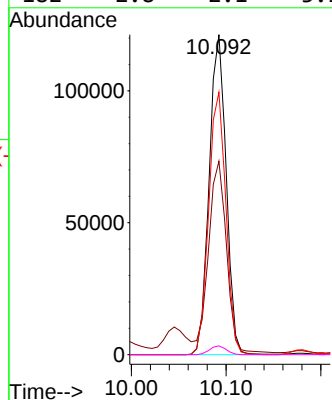
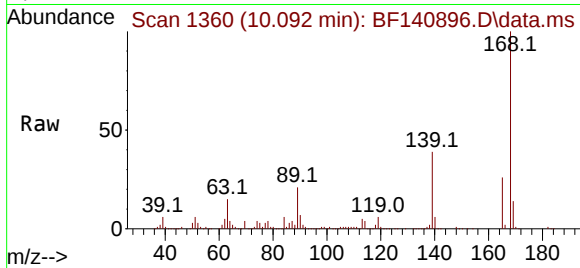




#57
2,4-Dinitrotoluene
Concen: 39.835 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

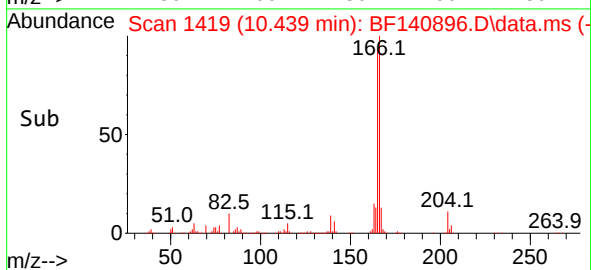
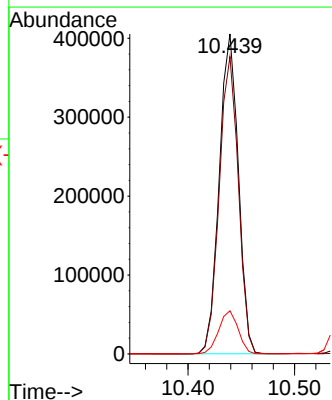
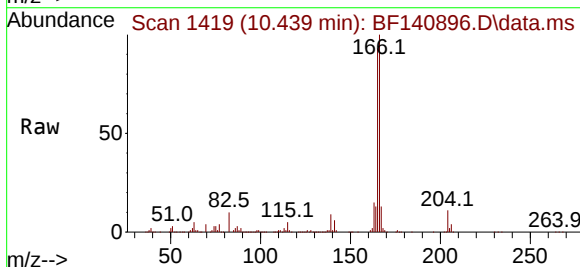
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

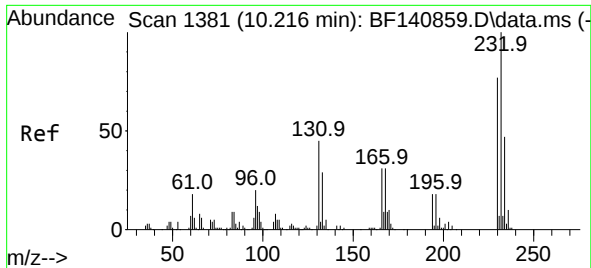
Tgt Ion:165 Resp: 150570
Ion Ratio Lower Upper
165 100
63 60.4 49.3 73.9
89 82.0 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 38.696 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:166 Resp: 503521
Ion Ratio Lower Upper
166 100
165 92.9 75.1 112.7
167 13.5 11.1 16.7

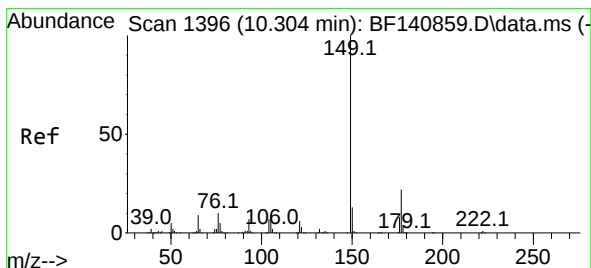
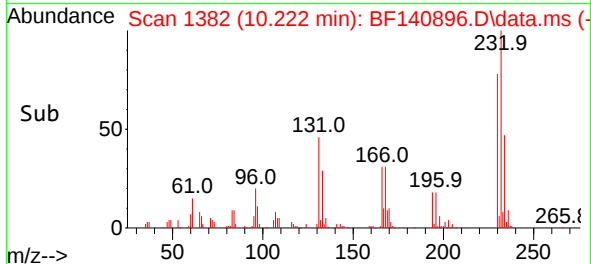
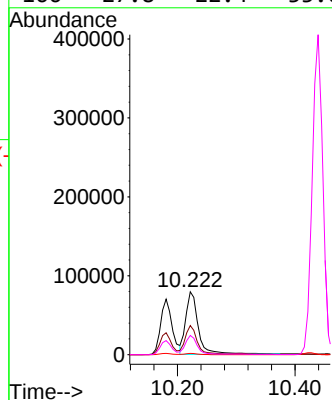
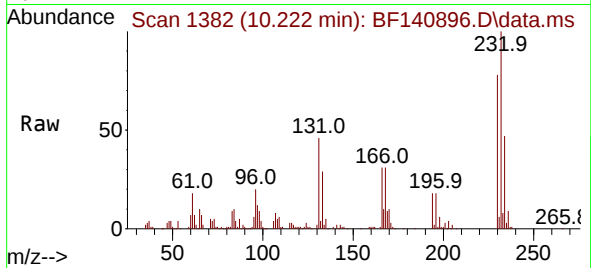




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.997 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

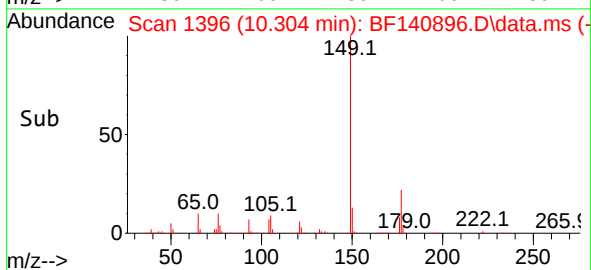
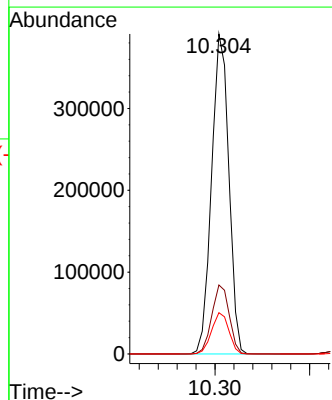
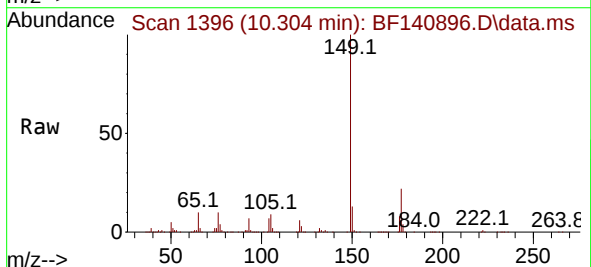
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

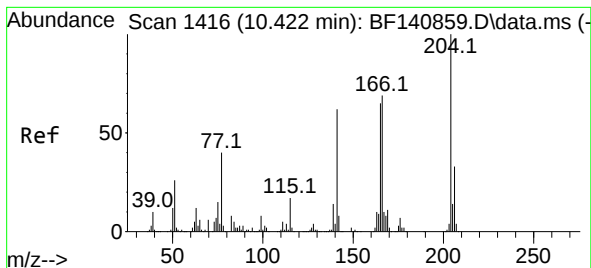
Tgt Ion:232 Resp: 117166
Ion Ratio Lower Upper
232 100
131 45.4 35.1 52.7
130 2.2 1.8 2.8
166 27.8 22.4 33.6



#60
Diethylphthalate
Concen: 37.910 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:149 Resp: 494005
Ion Ratio Lower Upper
149 100
177 21.6 17.2 25.8
150 12.9 10.1 15.1

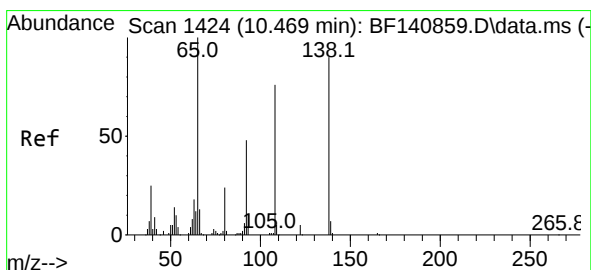
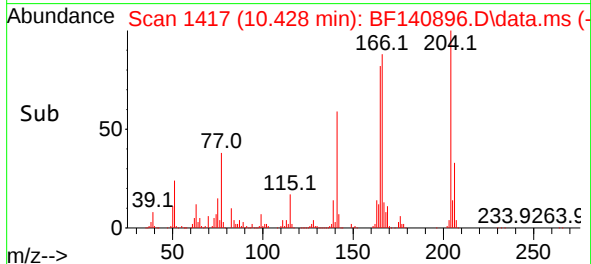
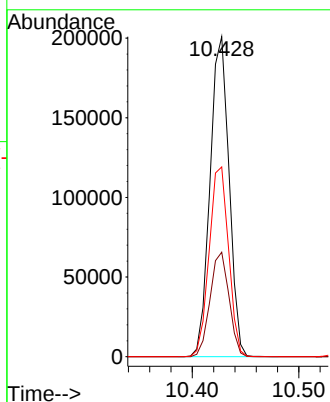
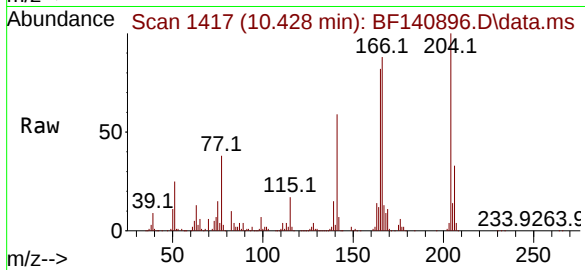




#61
4-Chlorophenyl-phenylether
Concen: 38.114 ng
RT: 10.428 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

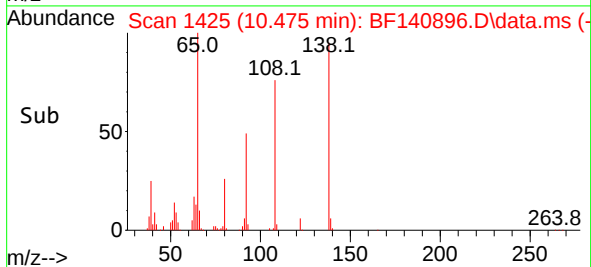
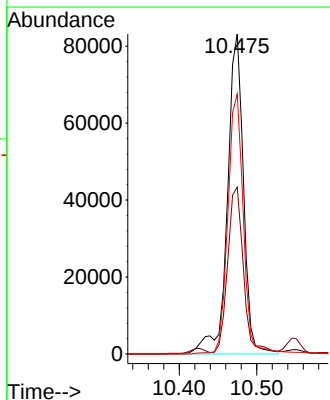
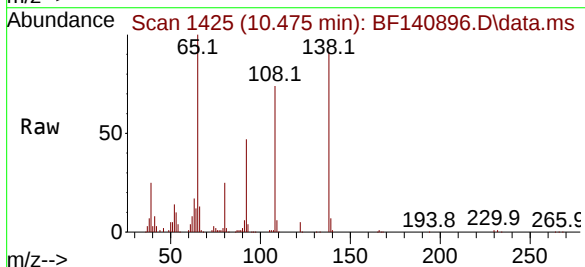
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

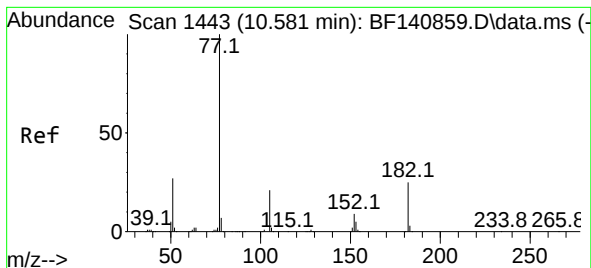
Tgt Ion:204 Resp: 249126
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 59.3 50.0 75.0



#62
4-Nitroaniline
Concen: 40.323 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:138 Resp: 120131
Ion Ratio Lower Upper
138 100
92 52.2 32.6 72.6
108 81.3 64.1 104.1





#63

Azobenzene

Concen: 38.516 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 471847

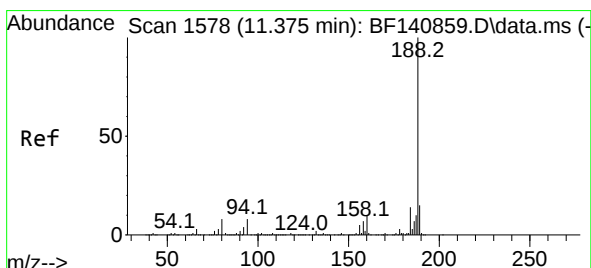
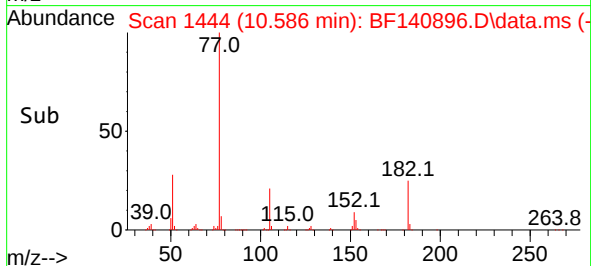
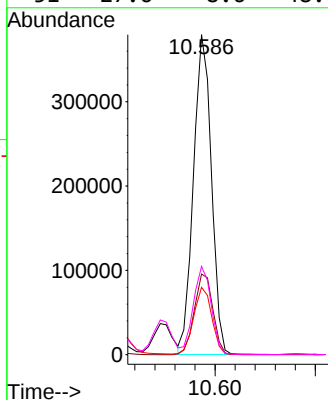
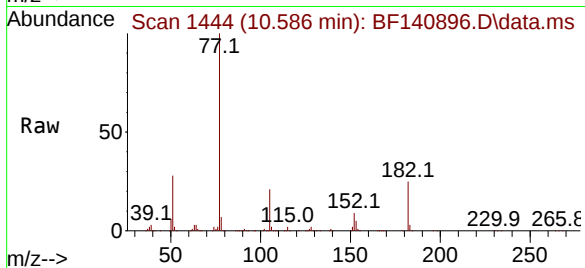
Ion Ratio Lower Upper

77 100

182 25.2 4.5 44.5

105 21.1 0.9 40.9

51 27.6 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

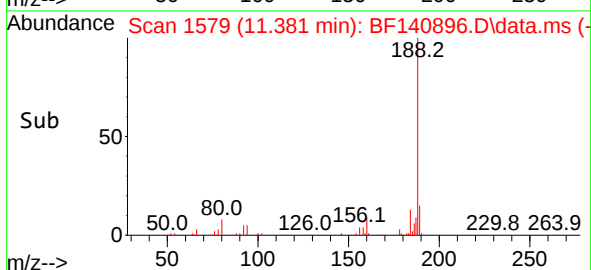
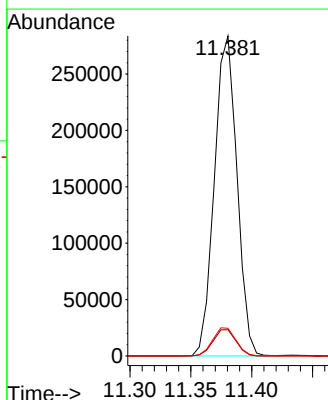
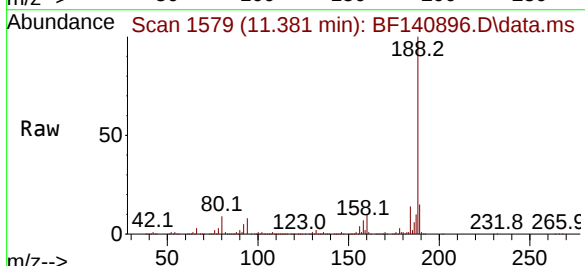
Tgt Ion: 188 Resp: 366627

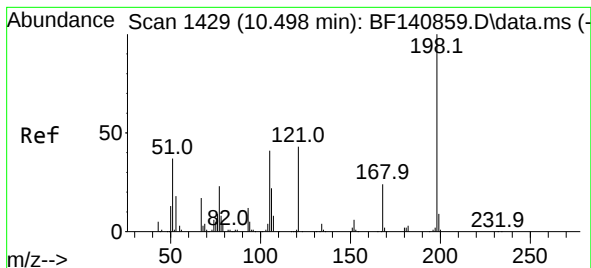
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.7 6.8 10.2

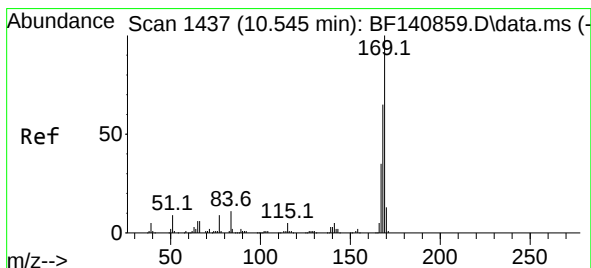
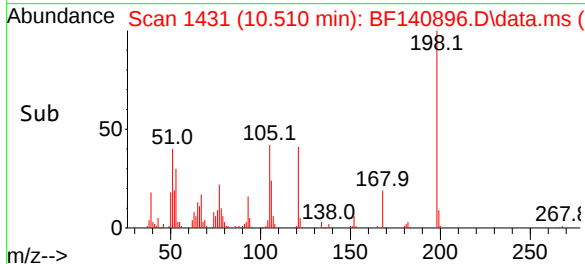
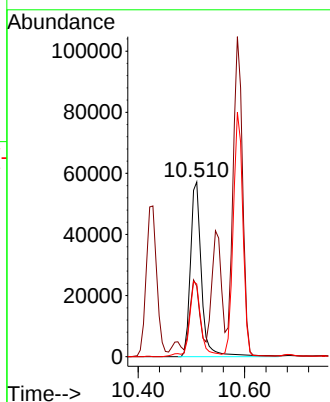
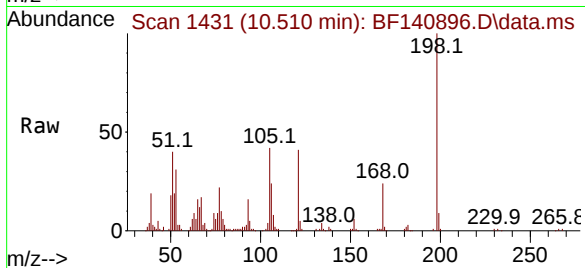




#65
4,6-Dinitro-2-methylphenol
Concen: 39.708 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

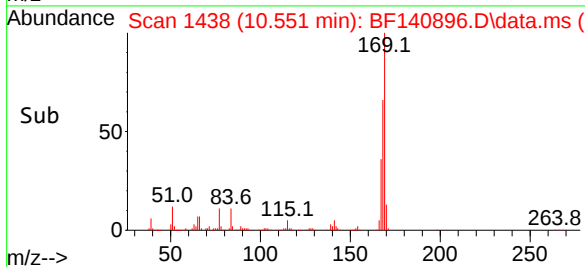
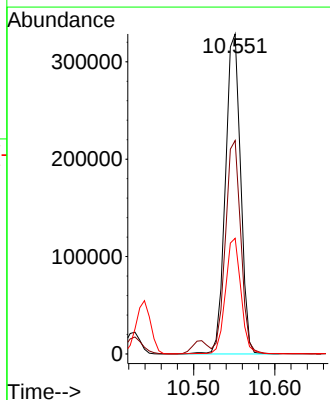
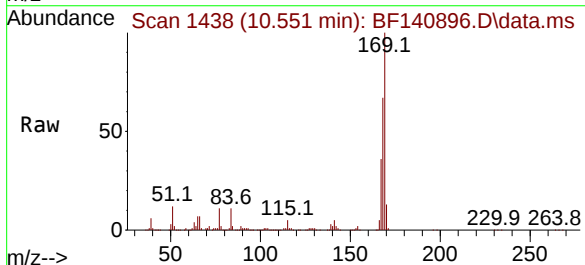
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

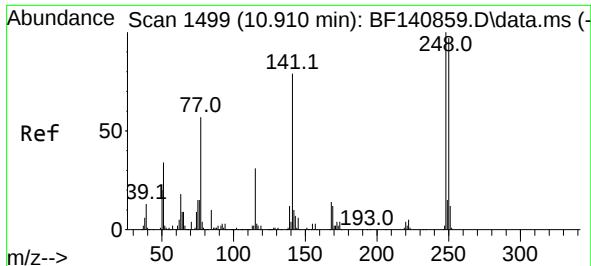
Tgt Ion:198 Resp: 82494
Ion Ratio Lower Upper
198 100
51 40.3 24.4 64.4
105 41.5 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 37.953 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:169 Resp: 427813
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 36.2 28.3 42.5

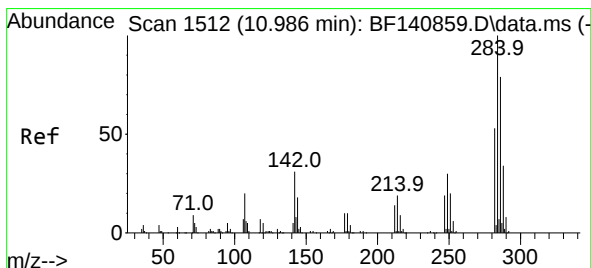
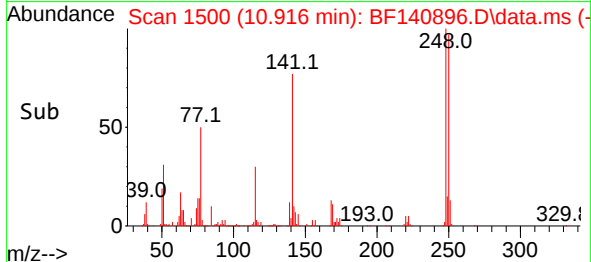
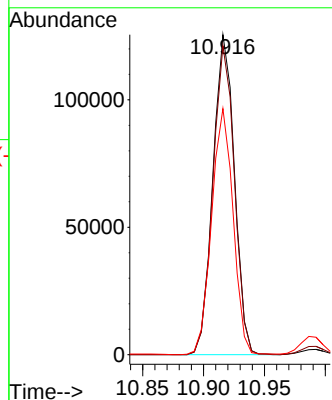
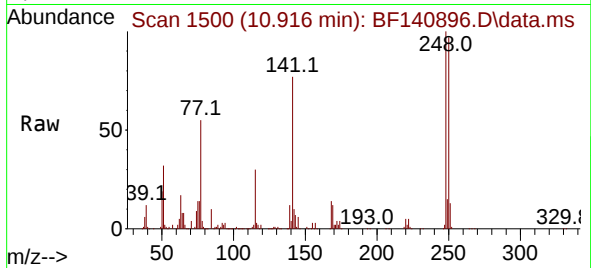




#67
4-Bromophenyl-phenylether
Concen: 37.605 ng
RT: 10.916 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

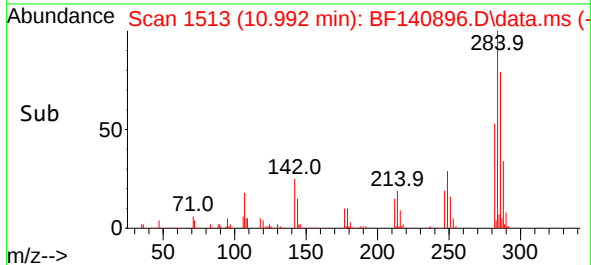
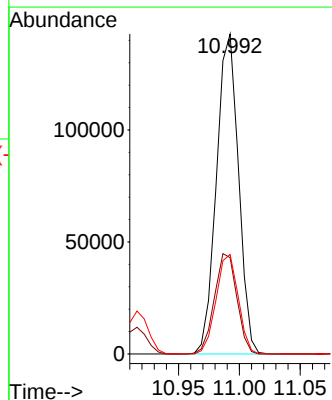
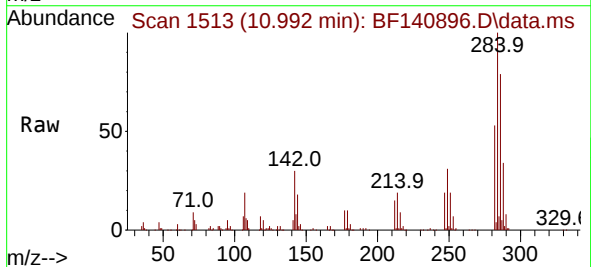
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

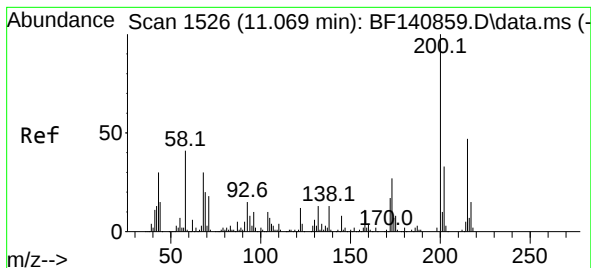
Tgt Ion:248 Resp: 154240
Ion Ratio Lower Upper
248 100
250 96.5 77.4 116.2
141 76.9 62.9 94.3



#68
Hexachlorobenzene
Concen: 38.710 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:284 Resp: 180011
Ion Ratio Lower Upper
284 100
142 30.1 24.6 36.8
249 31.1 24.3 36.5





#69

Atrazine

Concen: 36.014 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

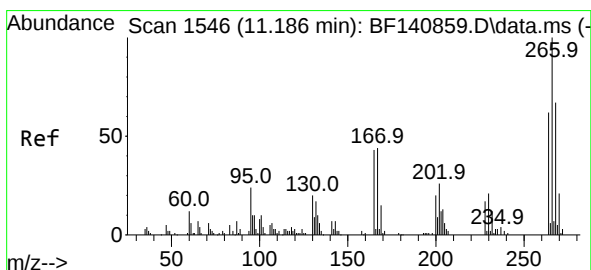
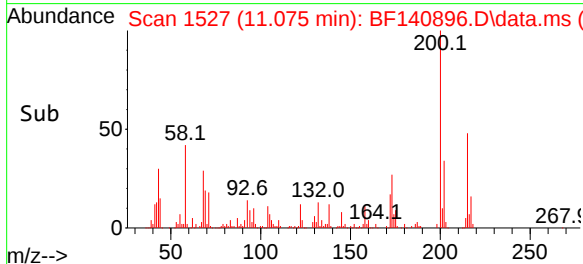
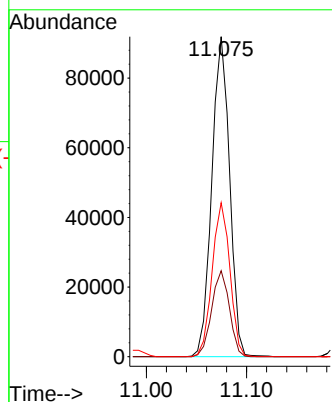
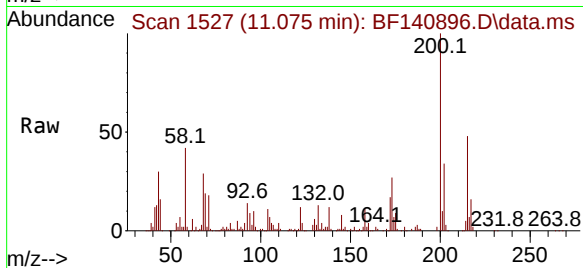
Tgt Ion:200 Resp: 113378

Ion Ratio Lower Upper

200 100

173 26.8 6.6 46.6

215 48.1 26.7 66.7



#70

Pentachlorophenol

Concen: 32.272 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

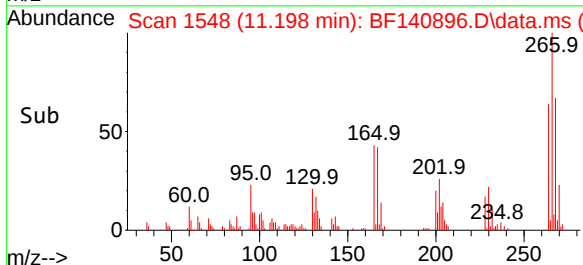
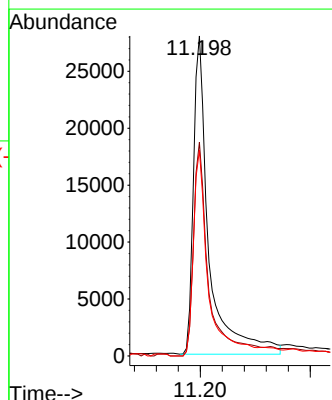
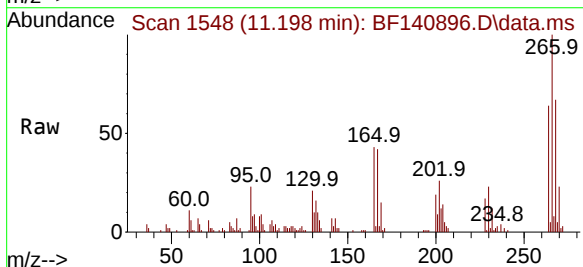
Tgt Ion:266 Resp: 54868

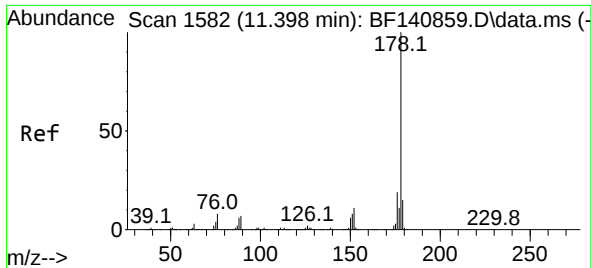
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 64.4 49.4 74.2

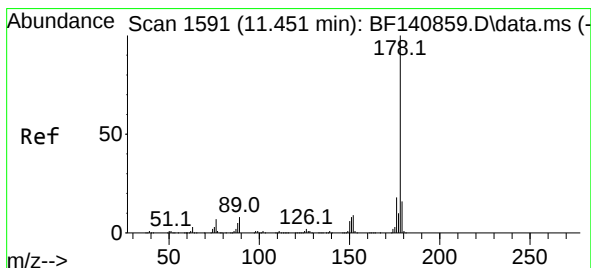
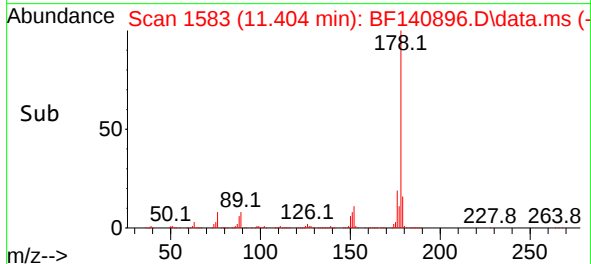
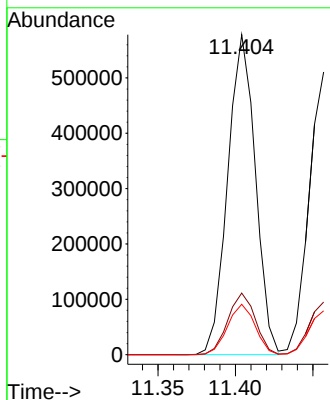
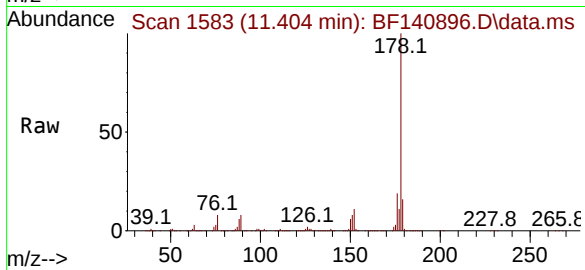




#71
Phenanthrene
Concen: 38.078 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

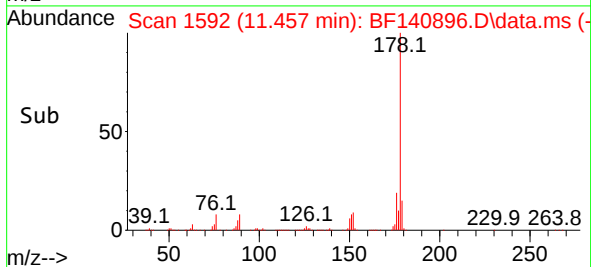
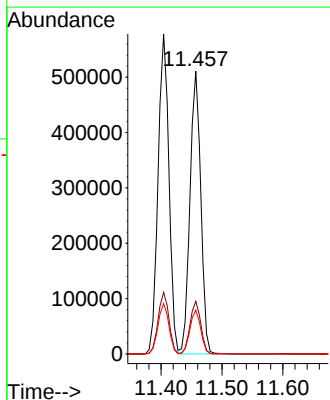
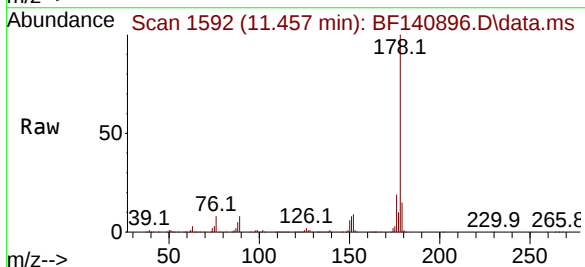
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

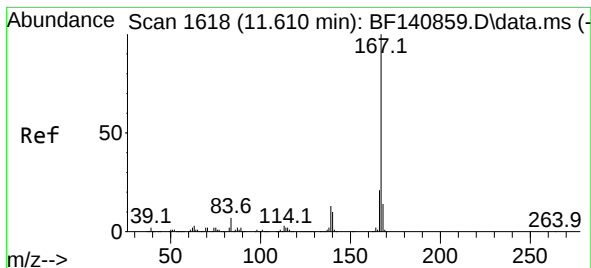
Tgt Ion:178 Resp: 717898
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.1 18.1



#72
Anthracene
Concen: 33.996 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:178 Resp: 631201
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 34.980 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

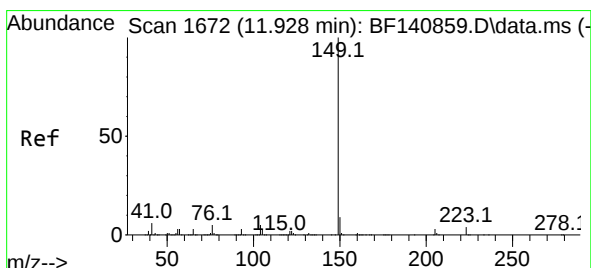
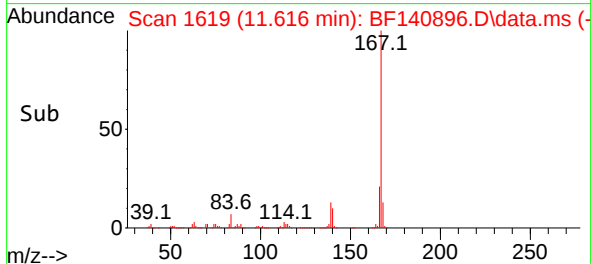
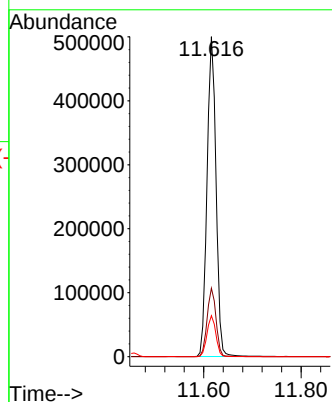
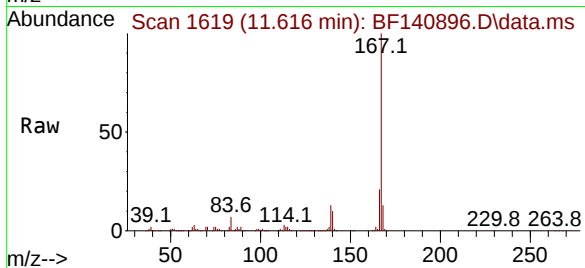
Tgt Ion:167 Resp: 636140

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 12.8 10.2 15.2



#74

Di-n-butylphthalate

Concen: 36.845 ng

RT: 11.933 min Scan# 1673

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

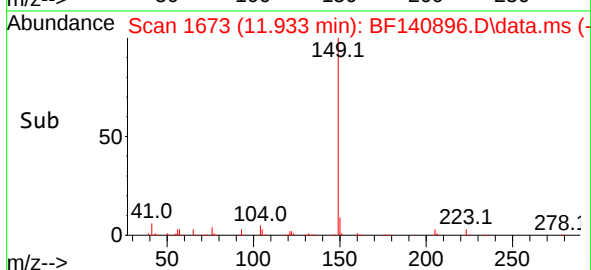
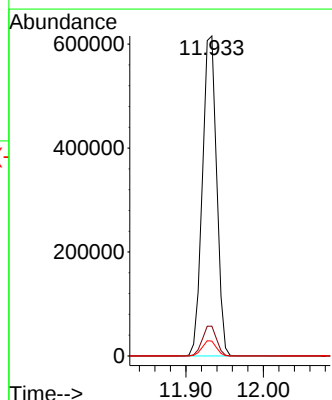
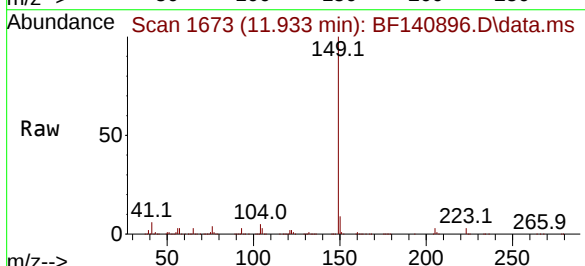
Tgt Ion:149 Resp: 786391

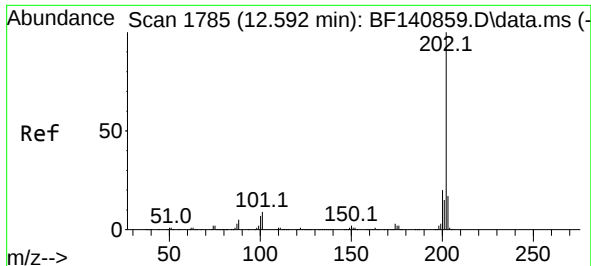
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.6 3.8 5.8

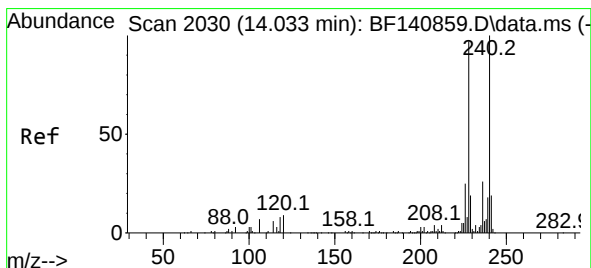
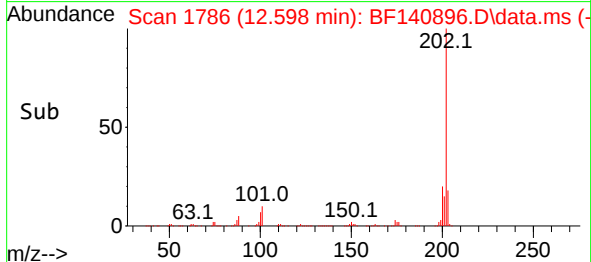
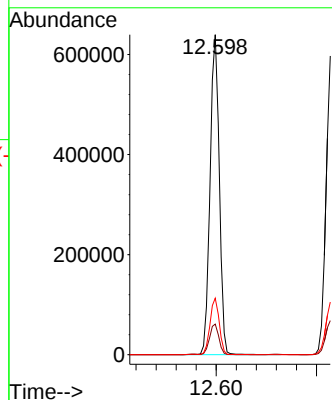
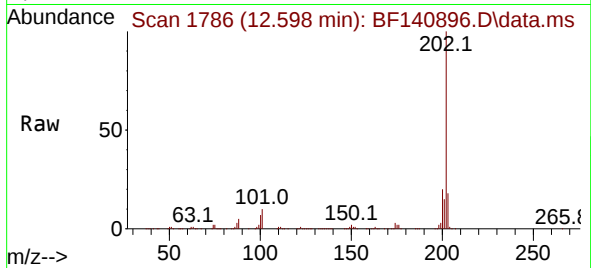




#75
Fluoranthene
Concen: 37.706 ng
RT: 12.598 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

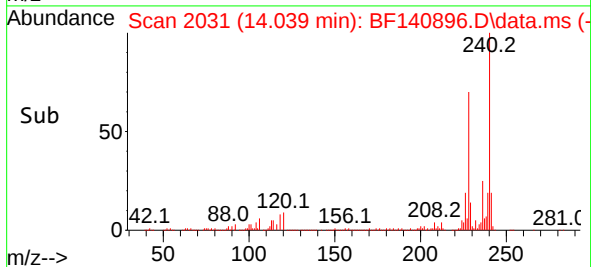
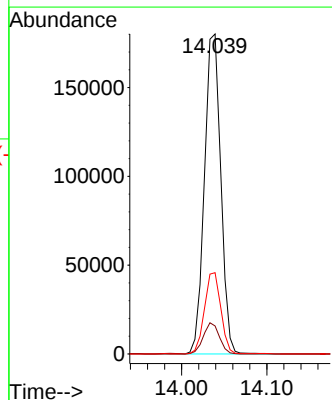
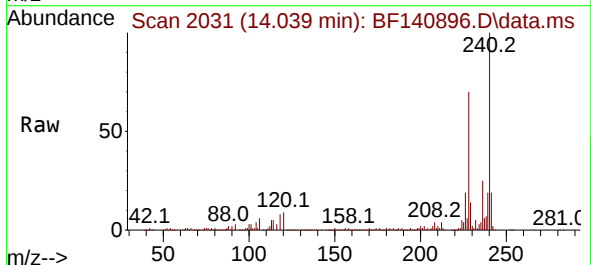
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

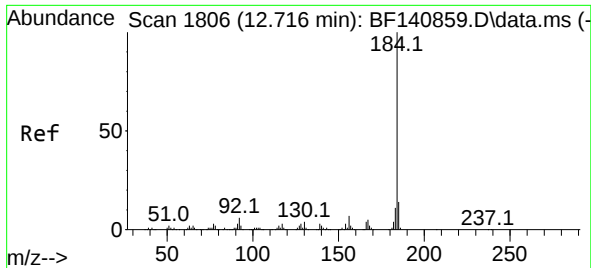
Tgt Ion:202 Resp: 818711
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:240 Resp: 240438
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.4 20.5 30.7

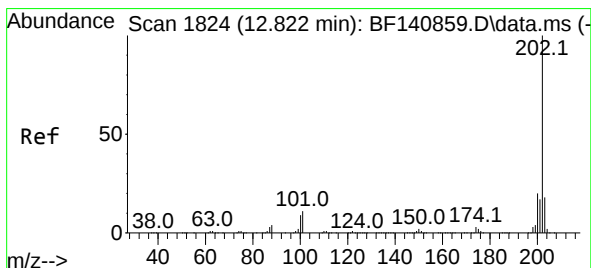
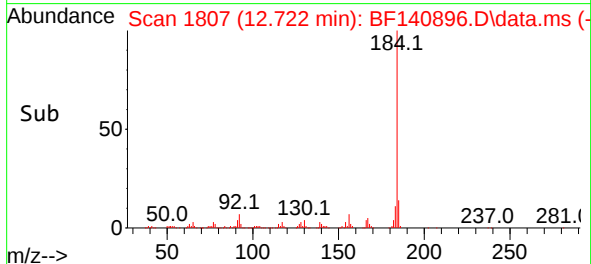
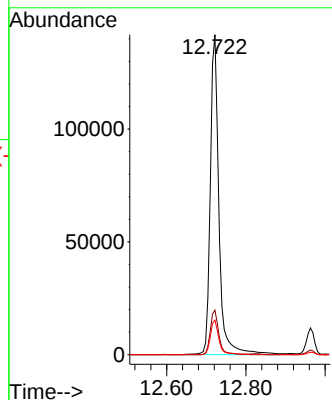
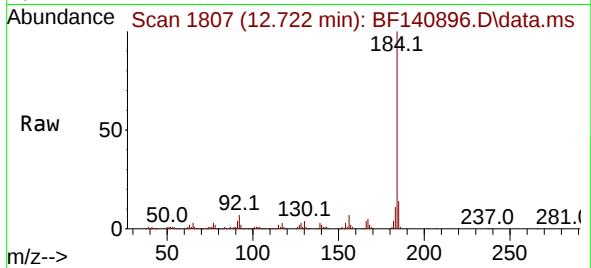




#77
Benzidine
Concen: 43.995 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

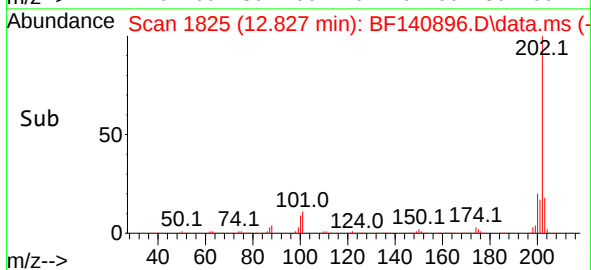
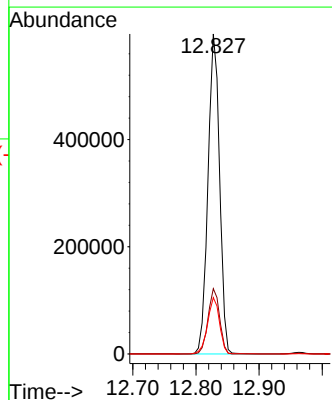
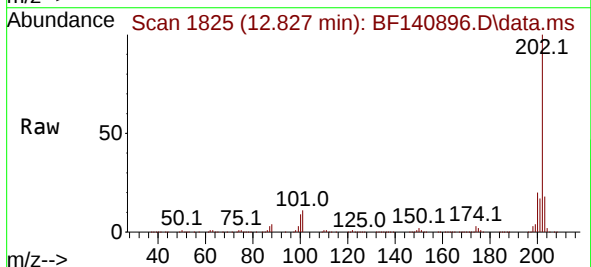
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

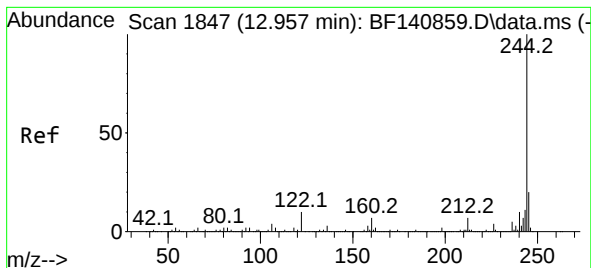
Tgt Ion:184 Resp: 215896
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 10.8 9.0 13.4



#78
Pyrene
Concen: 35.656 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:202 Resp: 762368
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 72.407 ng

RT: 12.963 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

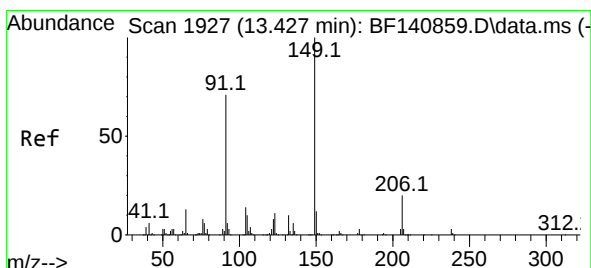
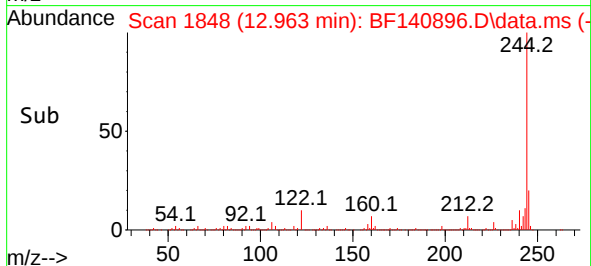
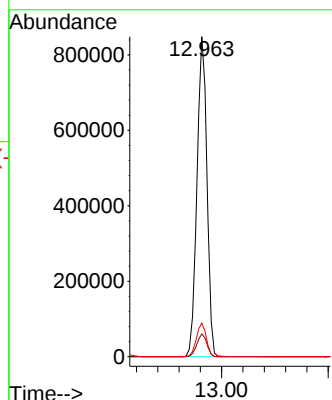
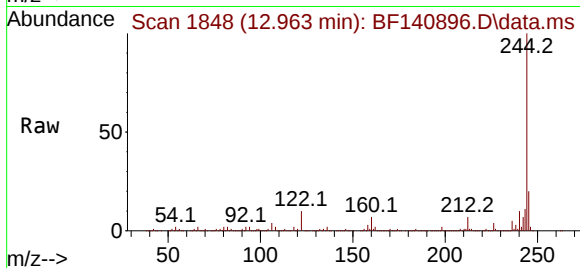
Tgt Ion:244 Resp: 1104054

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 10.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 42.462 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

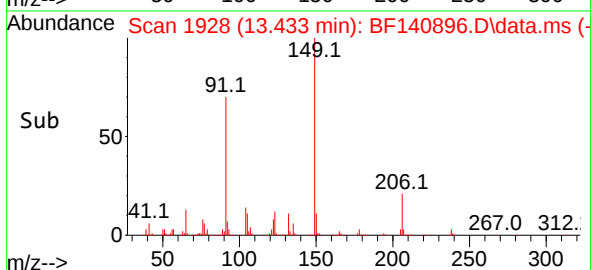
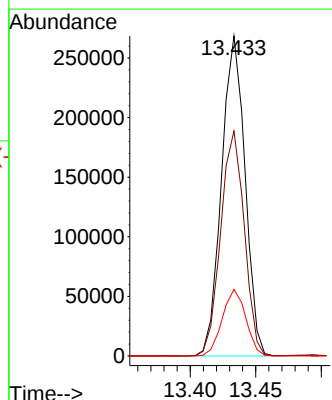
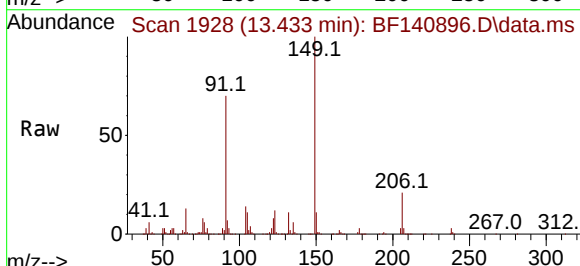
Tgt Ion:149 Resp: 334058

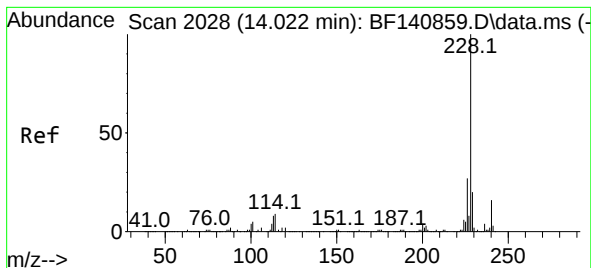
Ion Ratio Lower Upper

149 100

91 70.3 56.7 85.1

206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.305 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

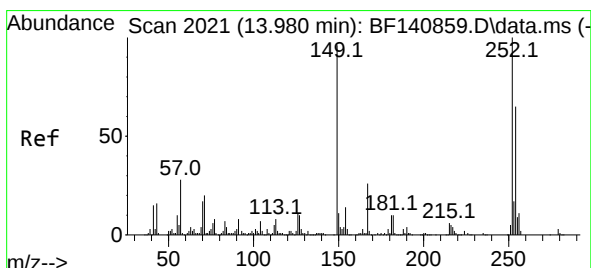
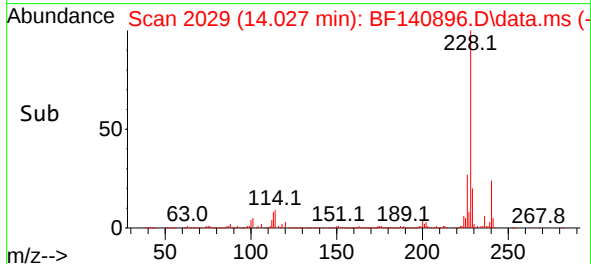
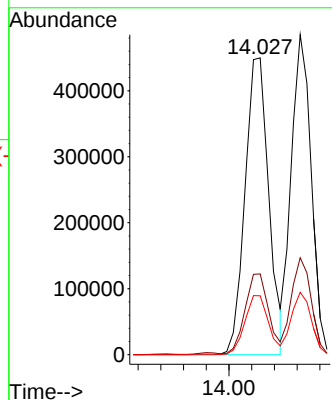
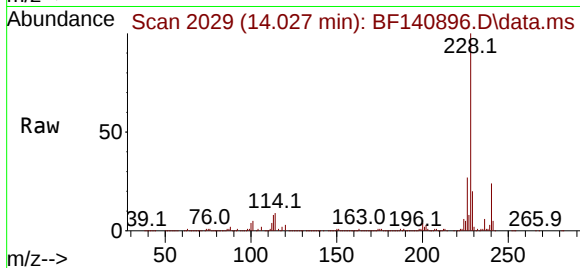
Tgt Ion:228 Resp: 652734

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.216 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

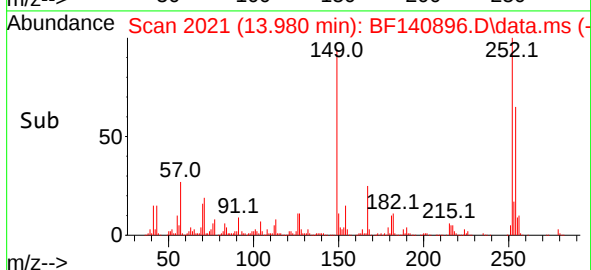
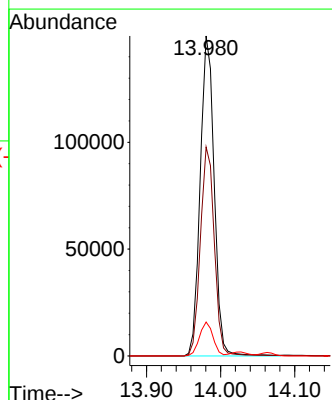
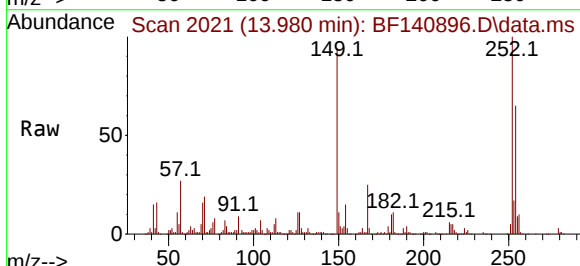
Tgt Ion:252 Resp: 196478

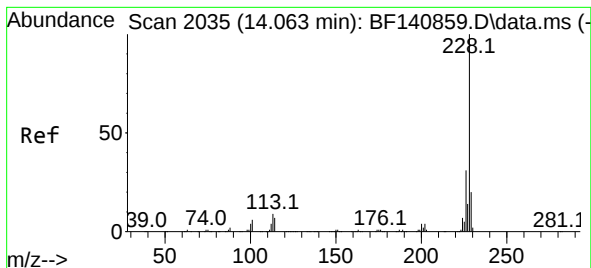
Ion Ratio Lower Upper

252 100

254 65.3 52.3 78.5

126 10.6 8.4 12.6





#83

Chrysene

Concen: 38.290 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

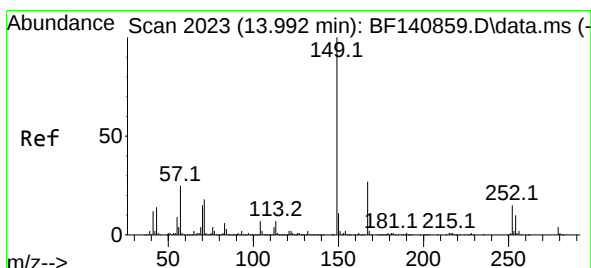
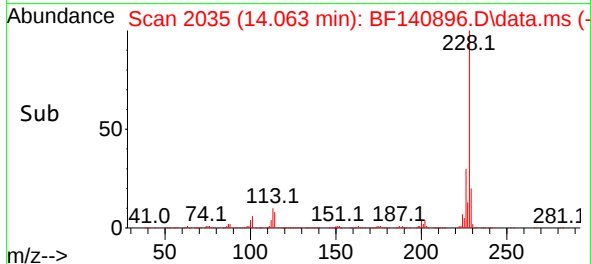
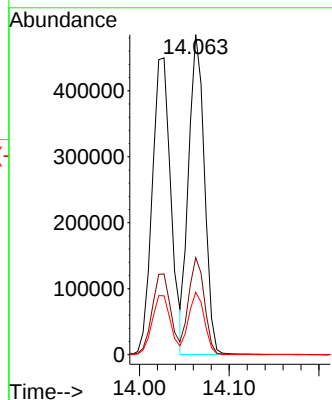
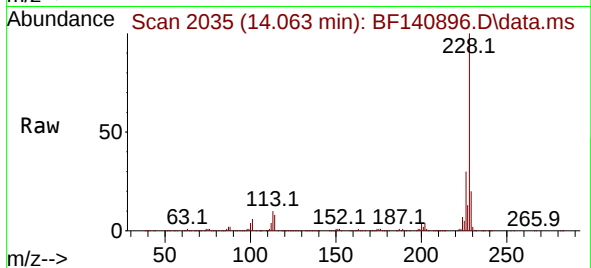
Tgt Ion:228 Resp: 593332

Ion Ratio Lower Upper

228 100

226 30.3 24.1 36.1

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.964 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

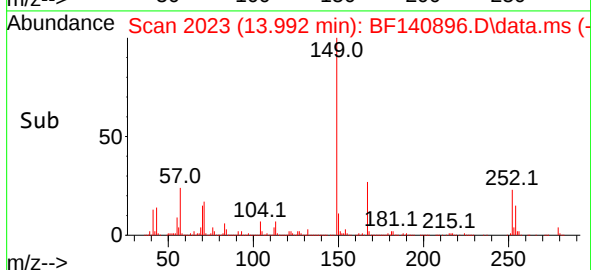
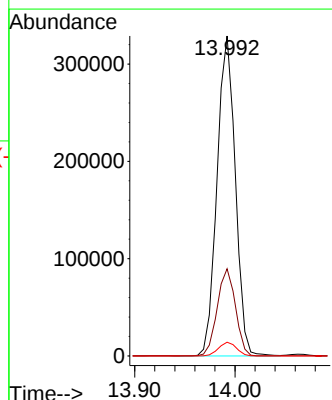
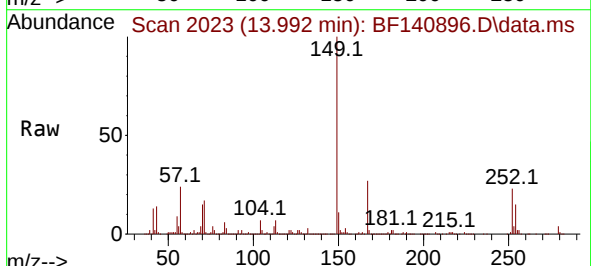
Tgt Ion:149 Resp: 415546

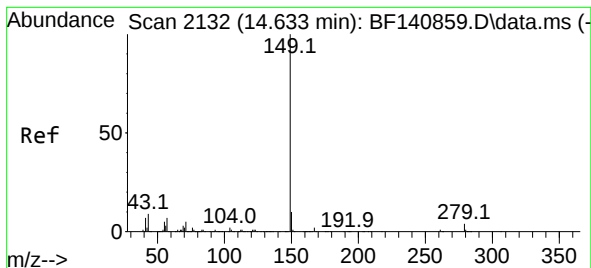
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 38.603 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

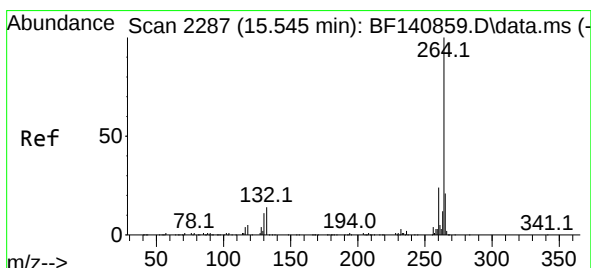
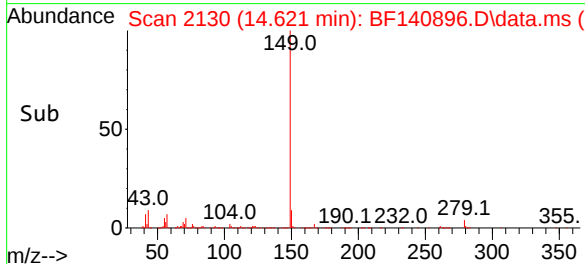
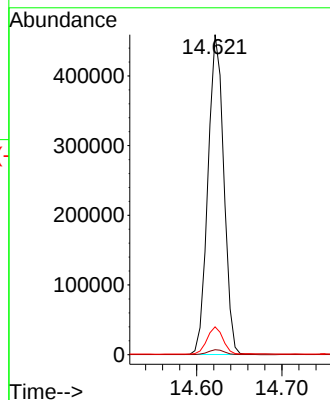
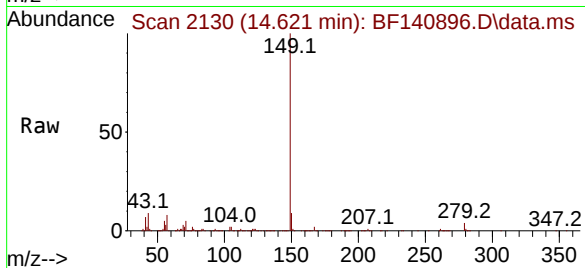
Tgt Ion:149 Resp: 592446

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. -0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

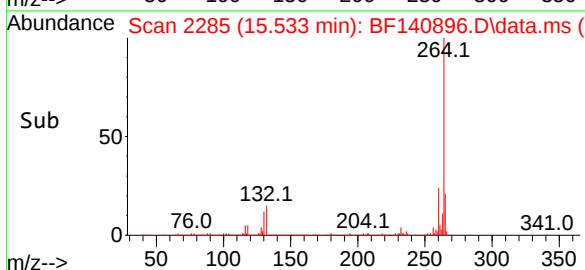
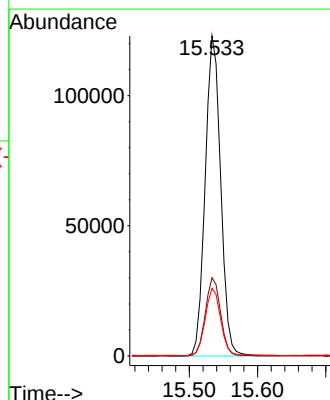
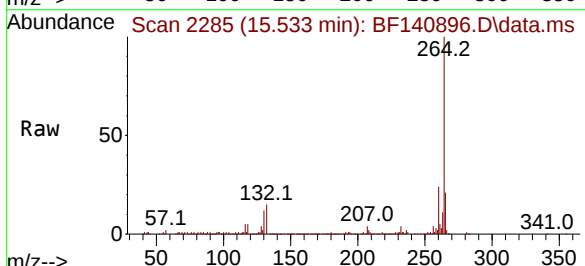
Tgt Ion:264 Resp: 194500

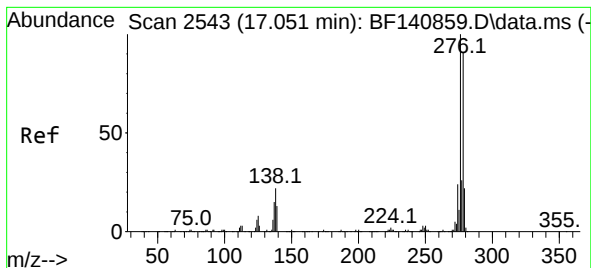
Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 21.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.551 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

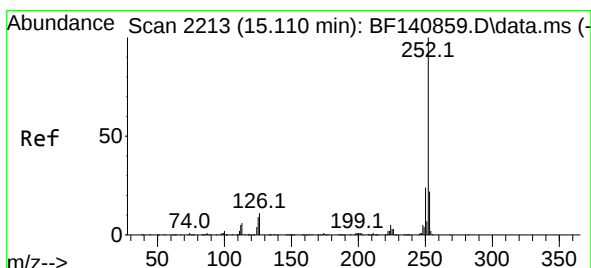
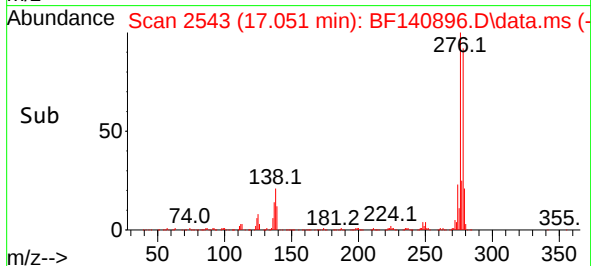
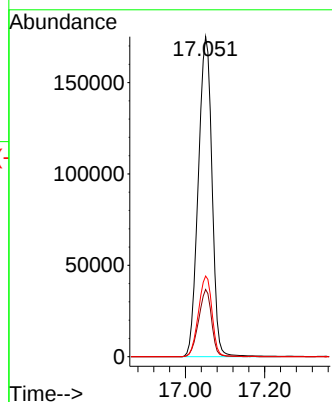
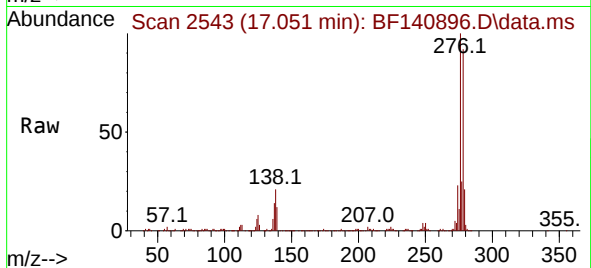
Tgt Ion:276 Resp: 419359

Ion Ratio Lower Upper

276 100

138 19.9 16.9 25.3

277 24.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 37.825 ng

RT: 15.098 min Scan# 2211

Delta R.T. -0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

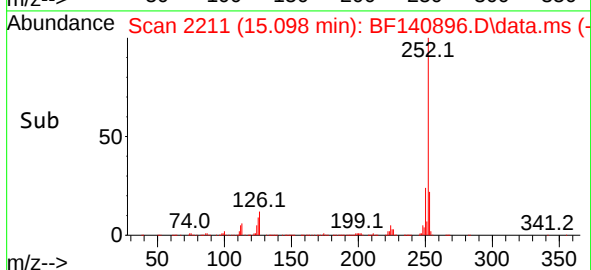
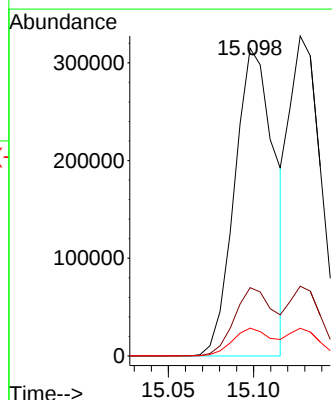
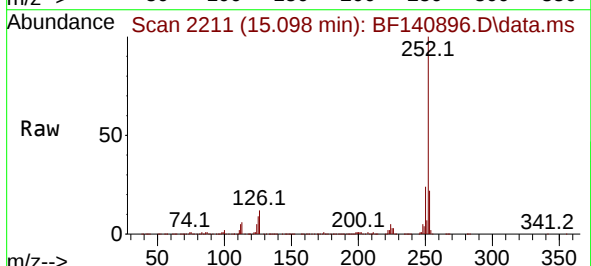
Tgt Ion:252 Resp: 510681

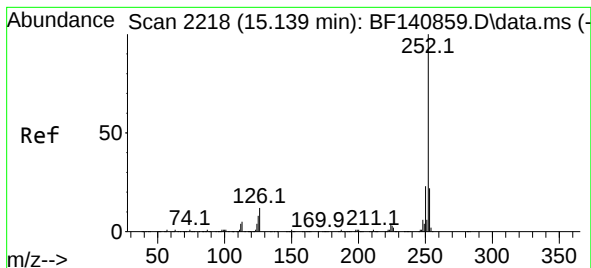
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 36.635 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

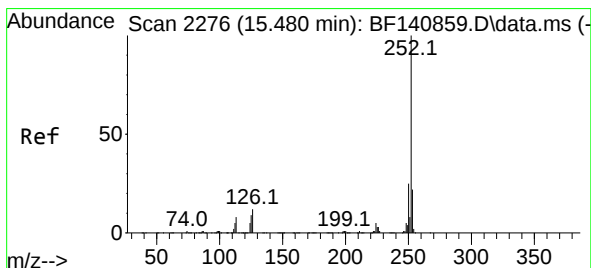
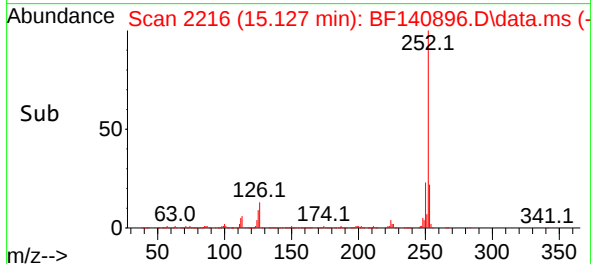
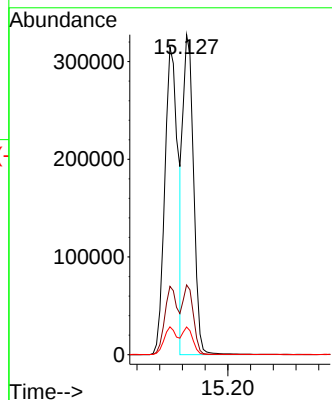
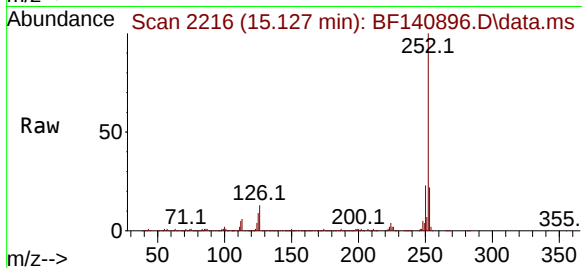
Tgt Ion:252 Resp: 424287

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.607 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF140896.D

Acq: 18 Dec 2024 10:43

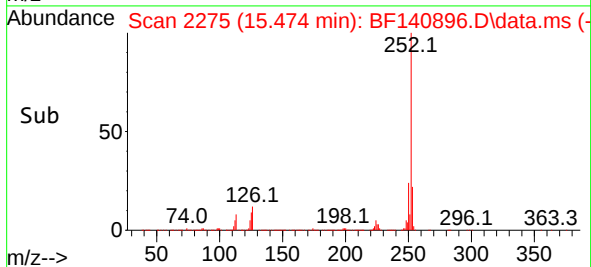
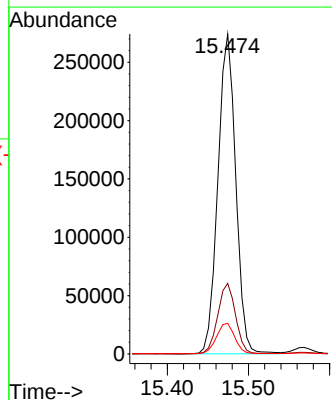
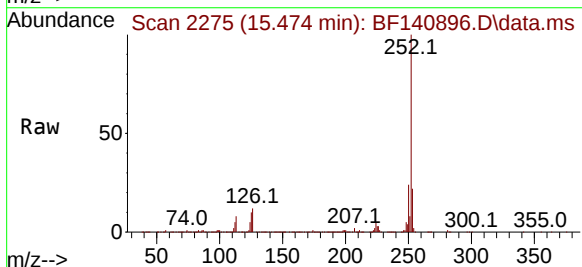
Tgt Ion:252 Resp: 418720

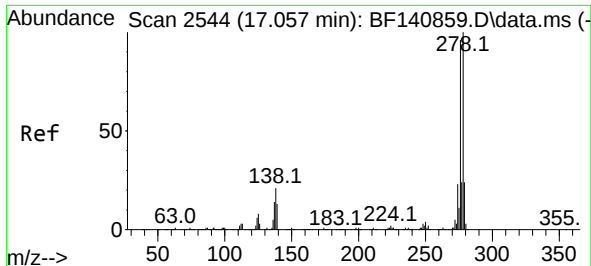
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 9.5 7.5 11.3

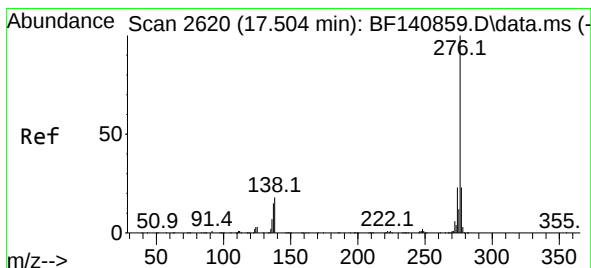
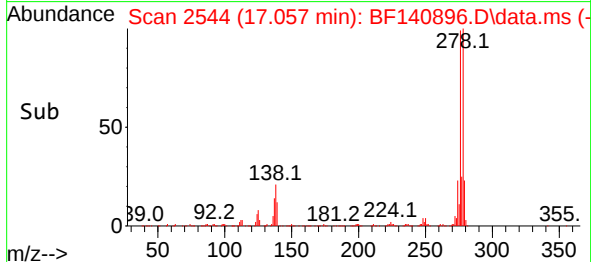
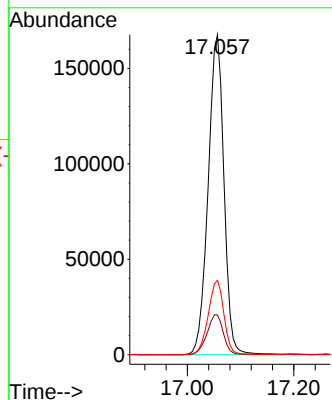
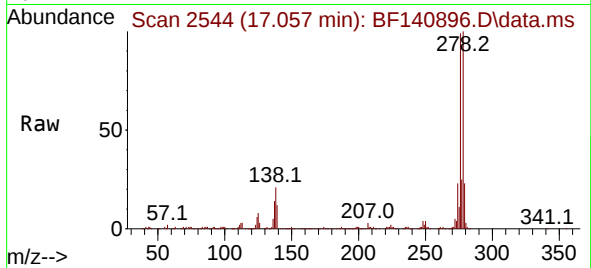




#91
Dibenzo(a,h)anthracene
Concen: 34.393 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 345837
Ion Ratio Lower Upper
278 100
139 12.4 10.6 16.0
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 35.060 ng
RT: 17.510 min Scan# 2621
Delta R.T. 0.006 min
Lab File: BF140896.D
Acq: 18 Dec 2024 10:43

Tgt Ion:276 Resp: 358807
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 16.9 14.2 21.2

