

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021325\
 Data File : BF141603.D
 Acq On : 13 Feb 2025 10:07
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 13 10:49:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	101199	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	394924	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	212437	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	363954	20.000	ng	0.00
76) Chrysene-d12	13.951	240	215290	20.000	ng	-0.01
86) Perylene-d12	15.410	264	184975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	515337	79.834	ng	0.00
7) Phenol-d6	6.434	99	631631	77.418	ng	0.00
23) Nitrobenzene-d5	7.357	82	587785	77.630	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	165432	77.521	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1082478	78.504	ng	0.00
79) Terphenyl-d14	12.898	244	1108169	86.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	100761	38.784	ng	99
3) Pyridine	3.210	79	252719	40.878	ng	96
4) n-Nitrosodimethylamine	3.163	42	151906	37.108	ng	93
6) Aniline	6.457	93	274626	35.884	ng	85
8) 2-Chlorophenol	6.581	128	274896	39.412	ng	99
9) Benzaldehyde	6.340	77	215197	49.636	ng	100
10) Phenol	6.445	94	330726	38.947	ng	90
11) bis(2-Chloroethyl)ether	6.528	93	256876	40.275	ng	100
12) 1,3-Dichlorobenzene	6.728	146	289509	39.316	ng	99
13) 1,4-Dichlorobenzene	6.804	146	295651	39.297	ng	99
14) 1,2-Dichlorobenzene	6.963	146	276849	39.648	ng	98
15) Benzyl Alcohol	6.934	79	236077	37.733	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	414117	37.929	ng	94
17) 2-Methylphenol	7.051	107	214839	39.360	ng	99
18) Hexachloroethane	7.298	117	109966	39.494	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	189809	38.894	ng	97
20) 3+4-Methylphenols	7.204	107	266506	38.420	ng	96
22) Acetophenone	7.198	105	382488	38.934	ng	# 96
24) Nitrobenzene	7.375	77	285170	38.624	ng	100
25) Isophorone	7.616	82	478555	39.639	ng	98
26) 2-Nitrophenol	7.692	139	150967	41.098	ng	94
27) 2,4-Dimethylphenol	7.734	122	168146	39.183	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	313417	40.514	ng	99
29) 2,4-Dichlorophenol	7.939	162	234635	40.468	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	250273	39.638	ng	99
31) Naphthalene	8.092	128	804501	39.135	ng	100
32) Benzoic acid	7.863	122	165787	37.194	ng	97
33) 4-Chloroaniline	8.151	127	274047	38.182	ng	99
34) Hexachlorobutadiene	8.210	225	151095	39.862	ng	99
35) Caprolactam	8.522	113	70626	40.007	ng	94
36) 4-Chloro-3-methylphenol	8.634	107	251825	39.209	ng	100
37) 2-Methylnaphthalene	8.786	142	526906	39.388	ng	99
38) 1-Methylnaphthalene	8.881	142	502619	38.793	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	251858	40.979	ng	99
41) Hexachlorocyclopentadiene	8.934	237	73079	35.749	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	160332	40.363	ng	99

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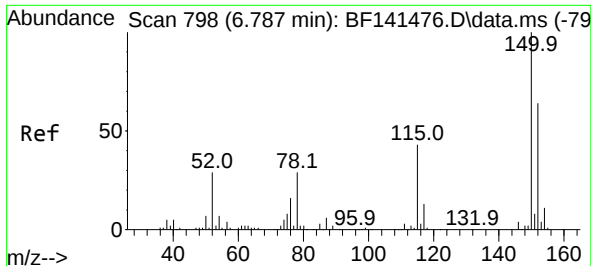
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	171939	39.939	ng	97
46) 1,1'-Biphenyl	9.251	154	664808	40.365	ng	100
47) 2-Chloronaphthalene	9.275	162	485830	39.891	ng	99
48) 2-Nitroaniline	9.375	65	160269	39.212	ng	96
49) Acenaphthylene	9.686	152	715329	39.489	ng	99
50) Dimethylphthalate	9.551	163	587368	40.728	ng	100
51) 2,6-Dinitrotoluene	9.616	165	126493	40.122	ng	99
52) Acenaphthene	9.863	154	479883	39.404	ng	99
53) 3-Nitroaniline	9.786	138	131277	38.688	ng	99
54) 2,4-Dinitrophenol	9.898	184	69416	37.047	ng	93
55) Dibenzofuran	10.033	168	698378	39.069	ng	98
56) 4-Nitrophenol	9.963	139	90688	36.003	ng	93
57) 2,4-Dinitrotoluene	10.022	165	167167	39.830	ng	99
58) Fluorene	10.375	166	537234	38.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146236	39.455	ng	96
60) Diethylphthalate	10.251	149	568551	40.069	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	268040	40.311	ng	96
62) 4-Nitroaniline	10.398	138	113483	32.936	ng	99
63) Azobenzene	10.528	77	551237	39.078	ng	96
65) 4,6-Dinitro-2-methylph...	10.428	198	99425	39.326	ng	97
66) n-Nitrosodiphenylamine	10.486	169	466206	40.016	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	164484	40.437	ng	99
68) Hexachlorobenzene	10.922	284	168395	40.203	ng	99
69) Atrazine	11.016	200	117022	33.481	ng	99
70) Pentachlorophenol	11.122	266	99261	37.062	ng	99
71) Phenanthrene	11.339	178	787310	39.299	ng	100
72) Anthracene	11.386	178	792280	39.340	ng	100
73) Carbazole	11.545	167	695808	38.398	ng	100
74) Di-n-butylphthalate	11.875	149	842366	40.259	ng	100
75) Fluoranthene	12.522	202	800139	37.671	ng	100
77) Benzidine	12.663	184	81417	17.147	ng	99
78) Pyrene	12.751	202	801756	43.747	ng	100
80) Butylbenzylphthalate	13.369	149	276706	43.590	ng	98
81) Benzo(a)anthracene	13.945	228	564233	39.426	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	138454	33.774	ng	98
83) Chrysene	13.980	228	508042	38.447	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	313602	43.802	ng	100
85) Di-n-octyl phthalate	14.557	149	449081	43.969	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	522306	45.698	ng	99
88) Benzo(b)fluoranthene	14.992	252	454999	36.634	ng	100
89) Benzo(k)fluoranthene	15.021	252	436966	41.201	ng	99
90) Benzo(a)pyrene	15.351	252	400141	39.815	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	426370	46.039	ng	99
92) Benzo(g,h,i)perylene	17.292	276	443471	45.759	ng	99

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

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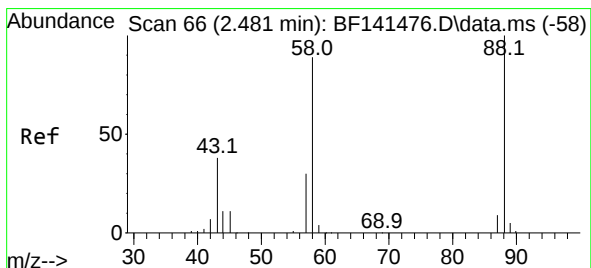
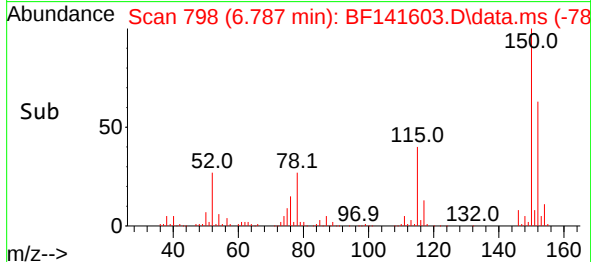
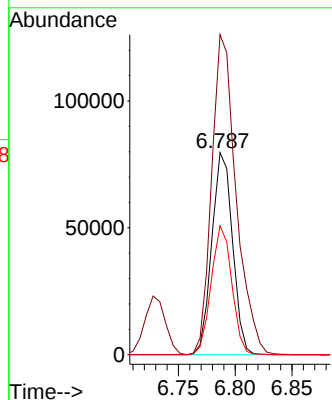
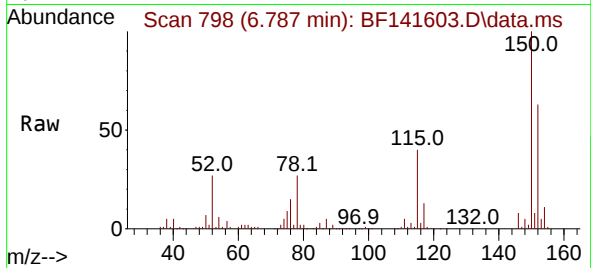




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

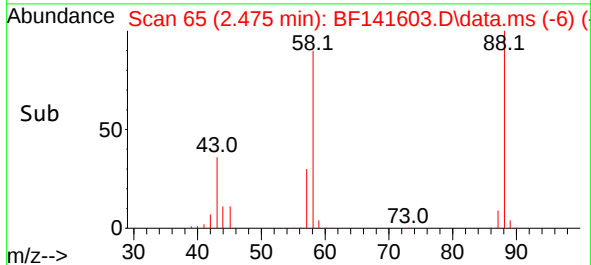
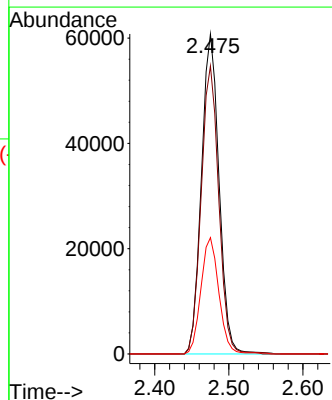
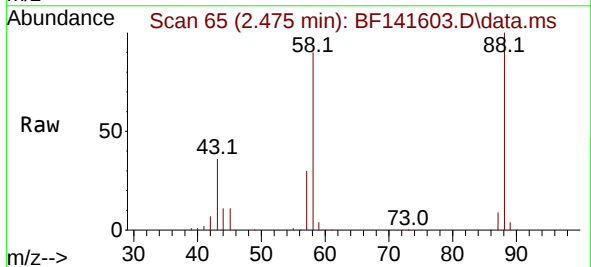
Instrument :
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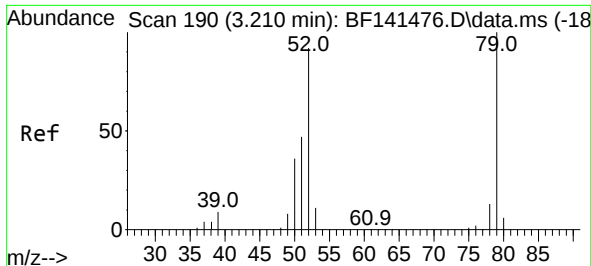
Tgt Ion:152 Resp: 101199
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.0 187.4
 115 63.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 38.784 ng
 RT: 2.475 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

Tgt Ion: 88 Resp: 100761
 Ion Ratio Lower Upper
 88 100
 58 89.6 71.1 106.7
 43 37.1 30.6 46.0





#3

Pyridine

Concen: 40.878 ng

RT: 3.210 min Scan# 190

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

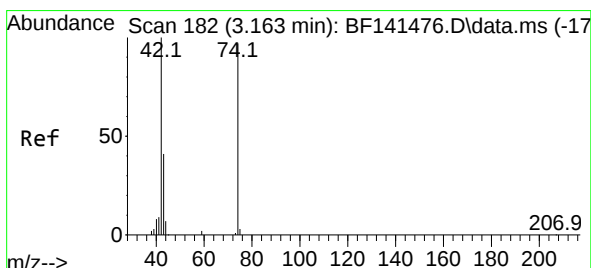
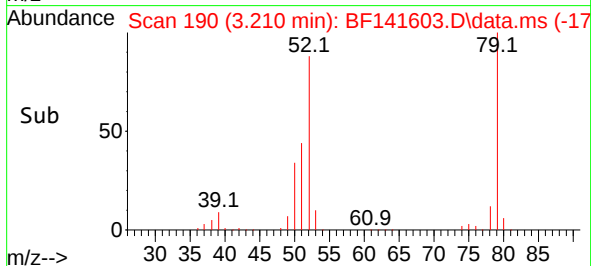
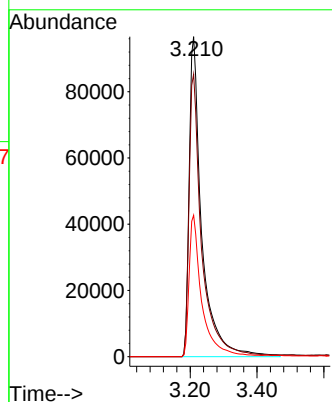
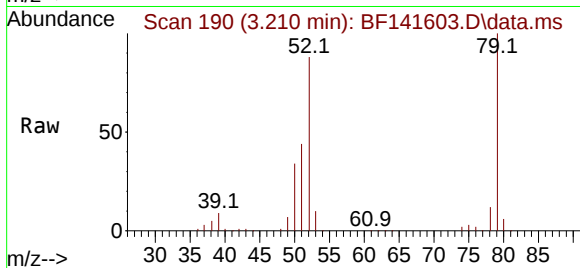
Tgt Ion: 79 Resp: 252719

Ion Ratio Lower Upper

79 100

52 88.3 73.7 110.5

51 44.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.108 ng

RT: 3.163 min Scan# 182

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

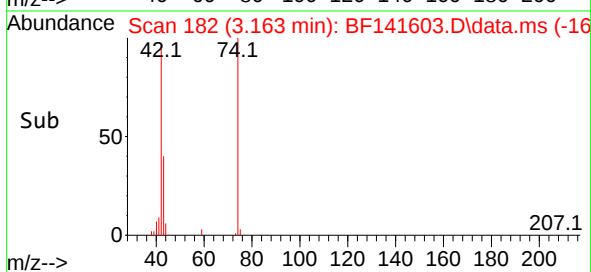
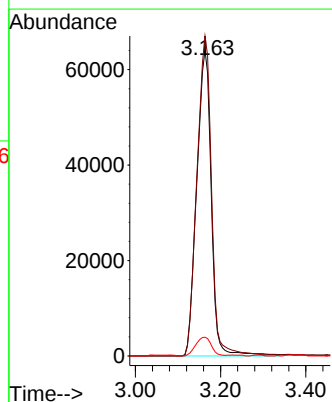
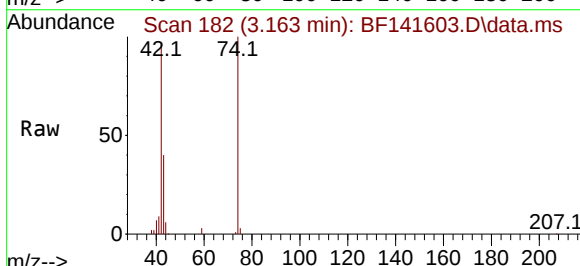
Tgt Ion: 42 Resp: 151906

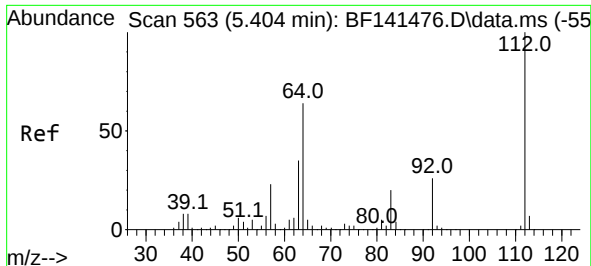
Ion Ratio Lower Upper

42 100

74 104.7 78.0 117.0

44 6.1 5.4 8.2

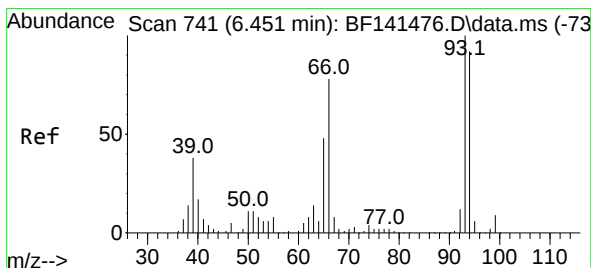
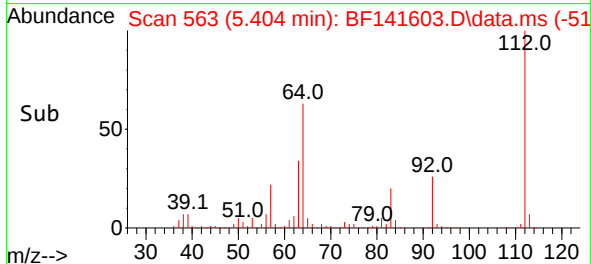
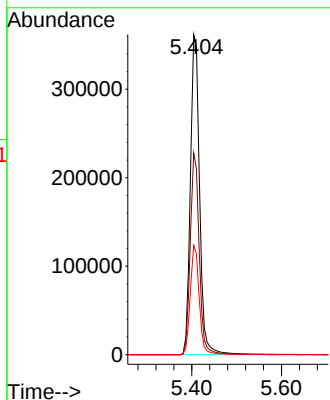
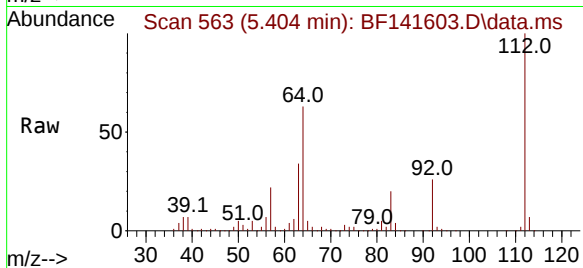




#5
2-Fluorophenol
Concen: 79.834 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

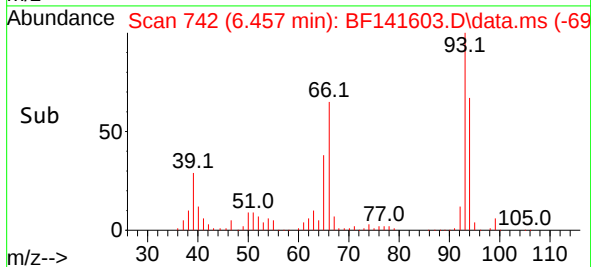
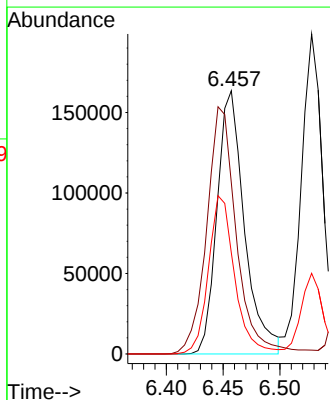
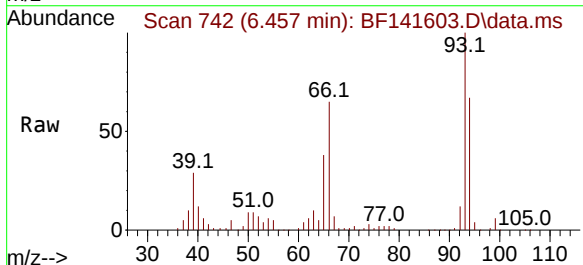
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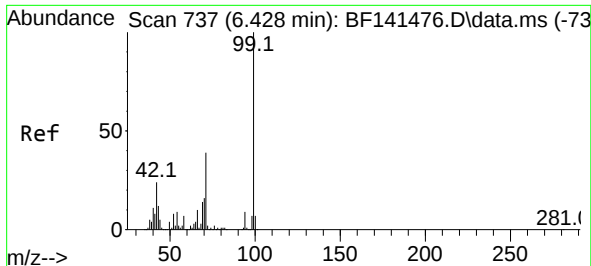
Tgt Ion:112 Resp: 515337
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 34.2 28.4 42.6



#6
Aniline
Concen: 35.884 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 93 Resp: 274626
Ion Ratio Lower Upper
93 100
66 65.0 62.6 94.0
65 38.4 38.3 57.5

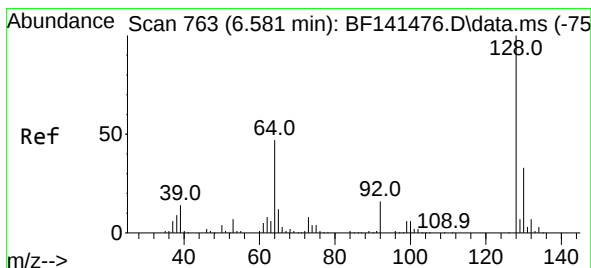
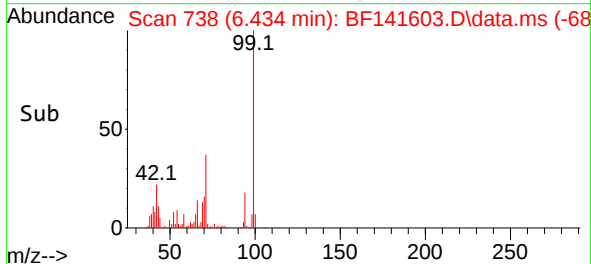
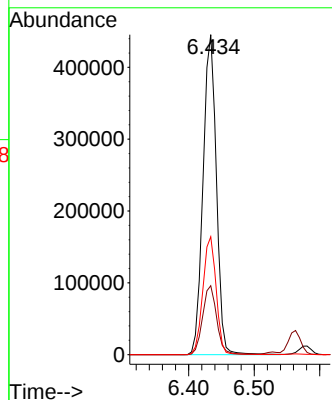
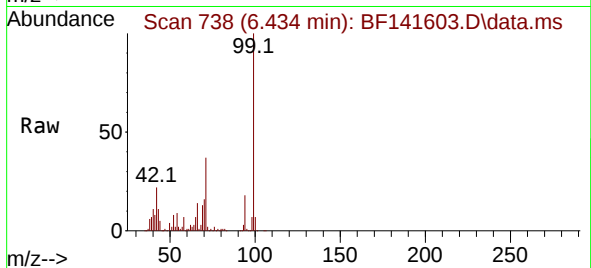




#7
Phenol-d6
Concen: 77.418 ng
RT: 6.434 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

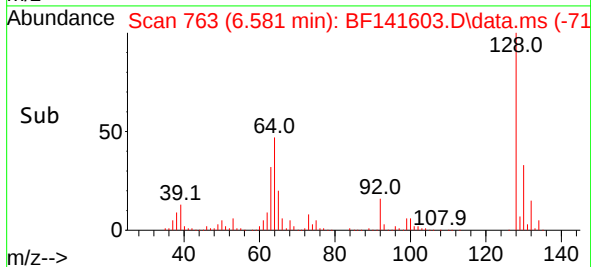
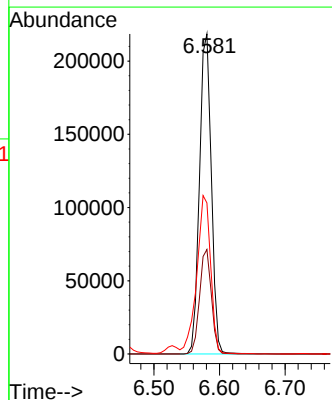
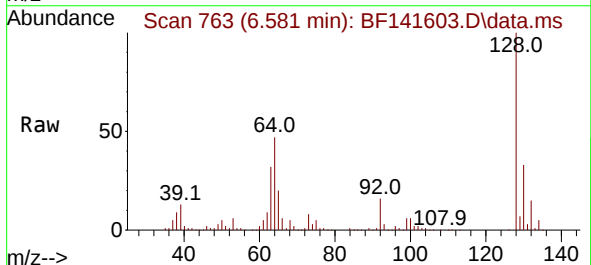
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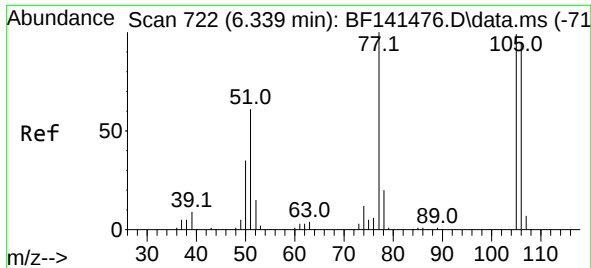
Tgt Ion: 99 Resp: 631631
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.8 31.1 46.7



#8
2-Chlorophenol
Concen: 39.412 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 128 Resp: 274896
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 47.2 28.3 68.3





#9

Benzaldehyde

Concen: 49.636 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

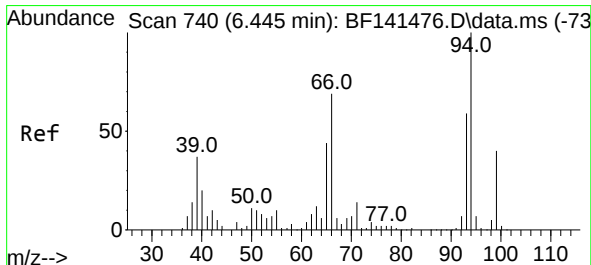
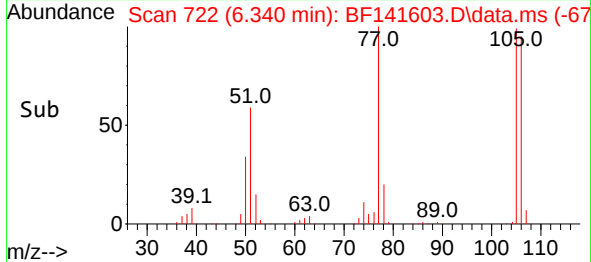
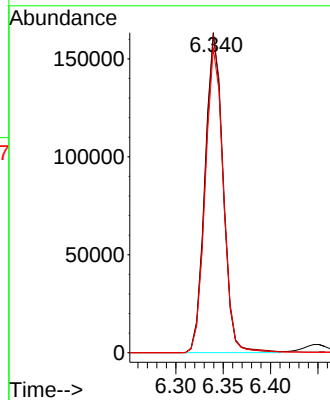
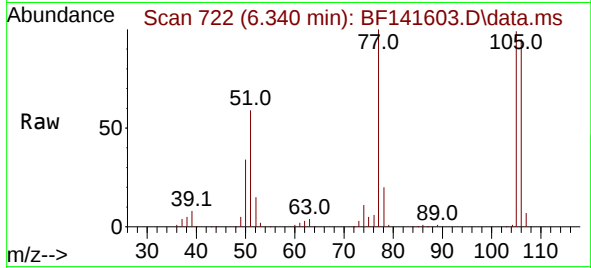
Tgt Ion: 77 Resp: 215197

Ion Ratio Lower Upper

77 100

105 99.4 79.4 119.4

106 95.0 75.1 115.1



#10

Phenol

Concen: 38.947 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

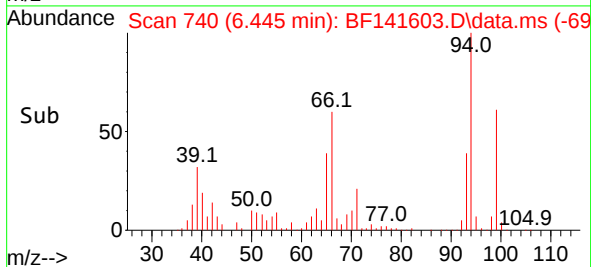
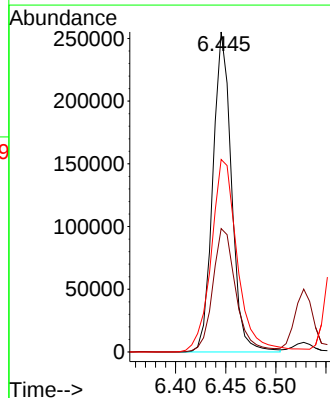
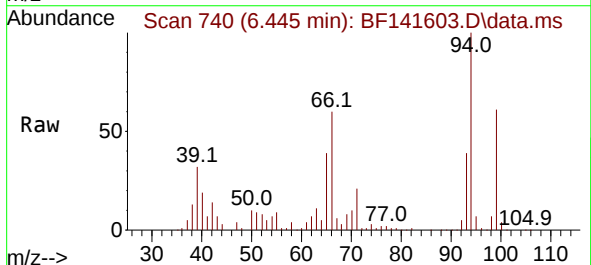
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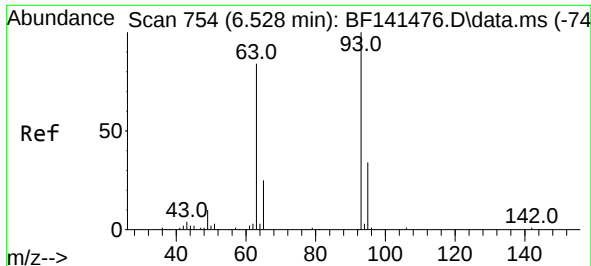
Ion Ratio Lower Upper

94 100

65 38.5 23.7 63.7

66 60.2 49.3 89.3

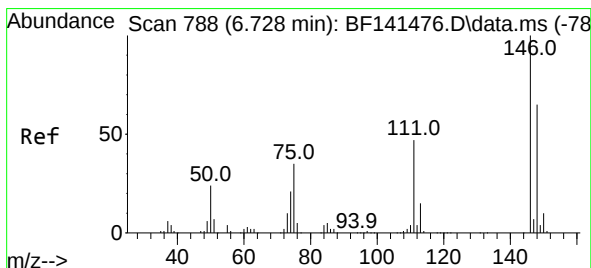
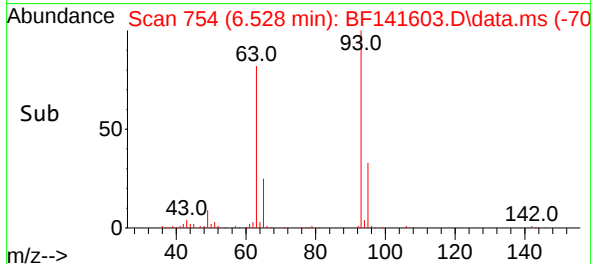
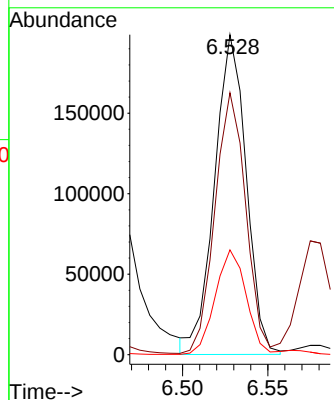
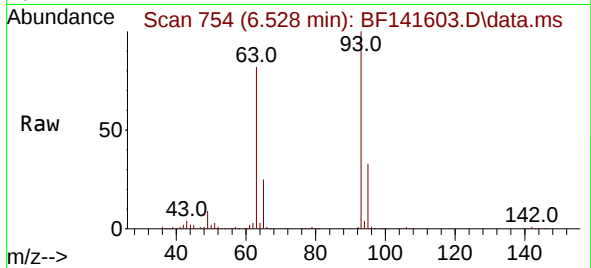




#11
bis(2-Chloroethyl)ether
Concen: 40.275 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

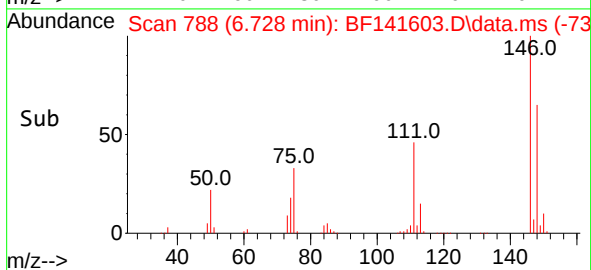
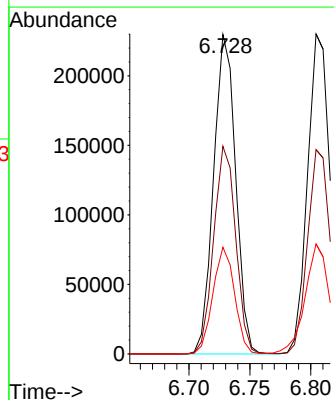
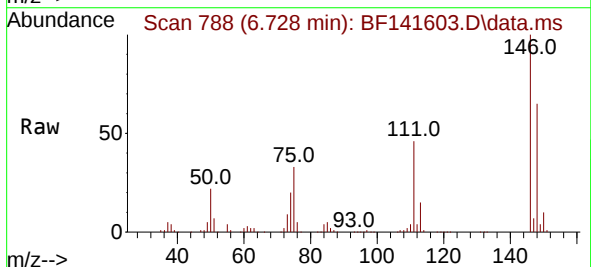
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

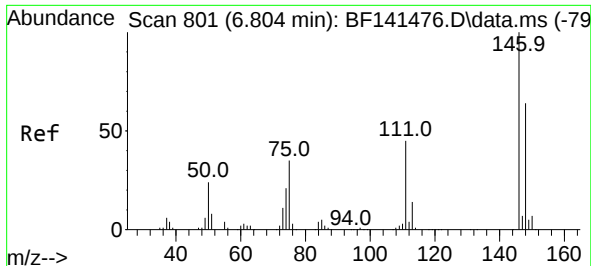
Tgt Ion: 93 Resp: 256876
Ion Ratio Lower Upper
93 100
63 81.8 62.0 102.0
95 32.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.316 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:146 Resp: 289509
Ion Ratio Lower Upper
146 100
148 65.0 51.9 77.9
75 33.4 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 39.297 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

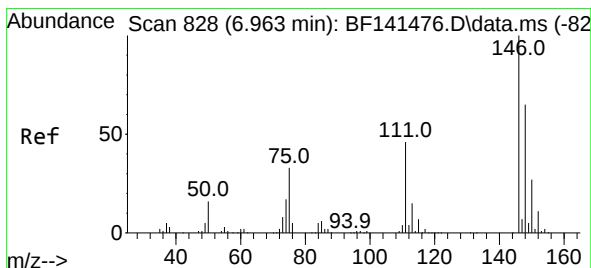
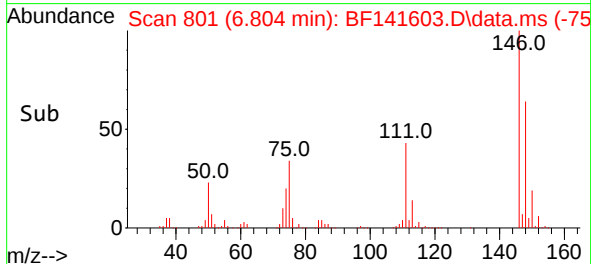
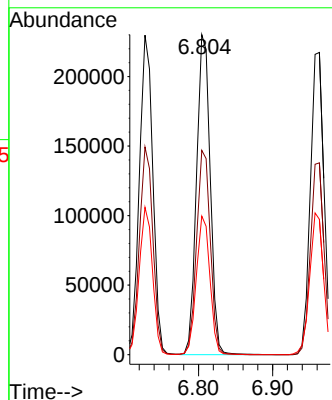
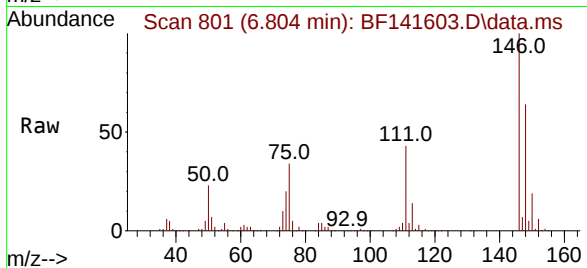
Tgt Ion:146 Resp: 295651

Ion Ratio Lower Upper

146 100

148 63.8 50.9 76.3

111 43.3 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 39.648 ng

RT: 6.963 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

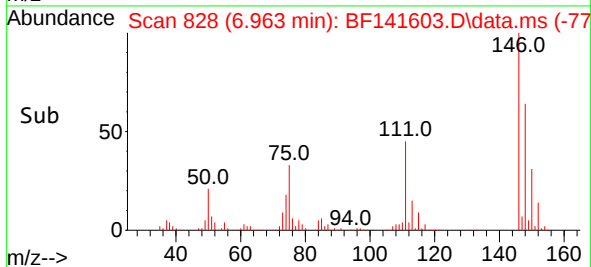
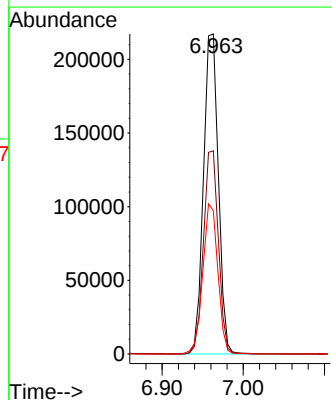
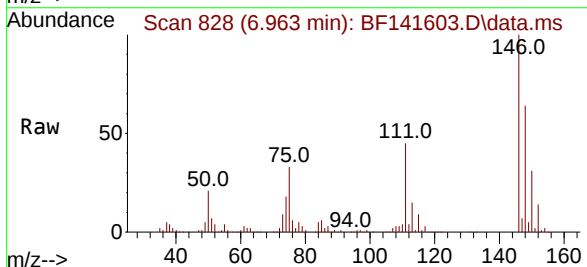
Tgt Ion:146 Resp: 276849

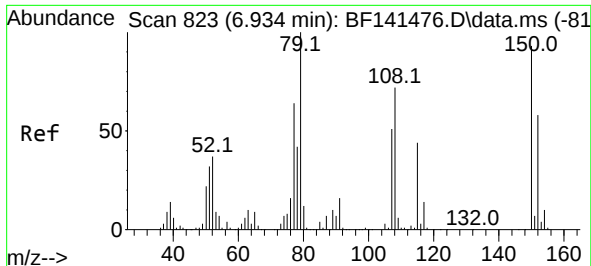
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

111 44.8 37.0 55.4

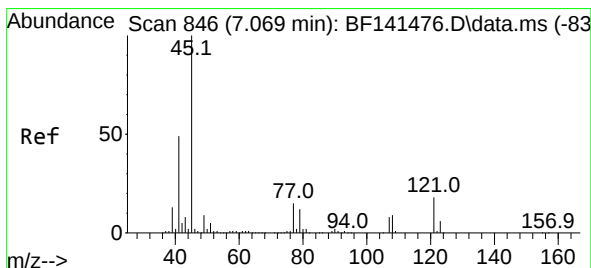
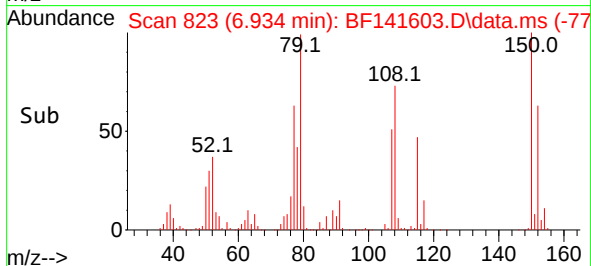
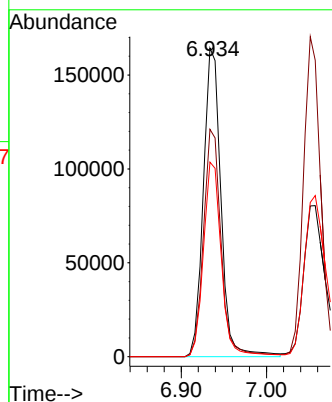
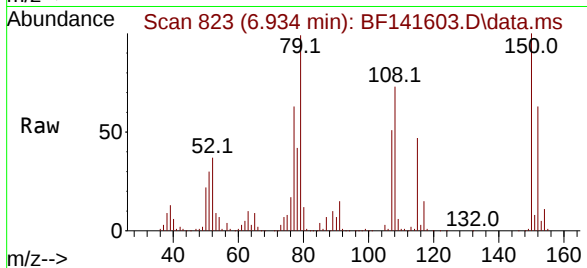




#15
Benzyl Alcohol
Concen: 37.733 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

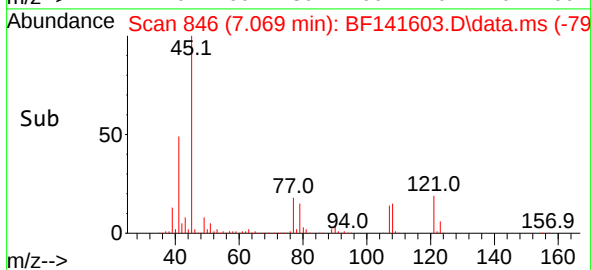
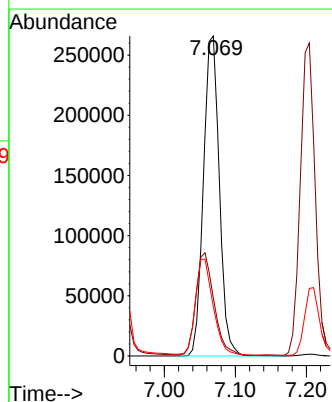
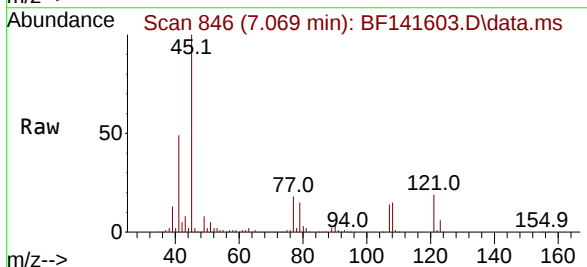
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

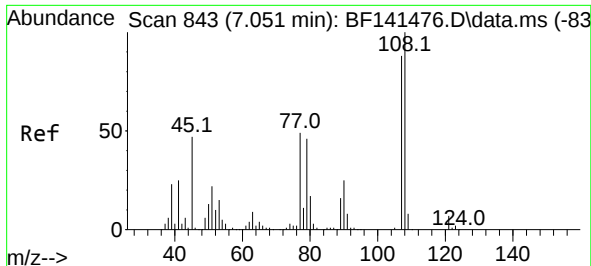
Tgt Ion: 79 Resp: 236077
Ion Ratio Lower Upper
79 100
108 73.7 57.4 86.2
77 63.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.929 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 45 Resp: 414117
Ion Ratio Lower Upper
45 100
77 18.1 0.0 35.8
79 15.3 0.0 32.7

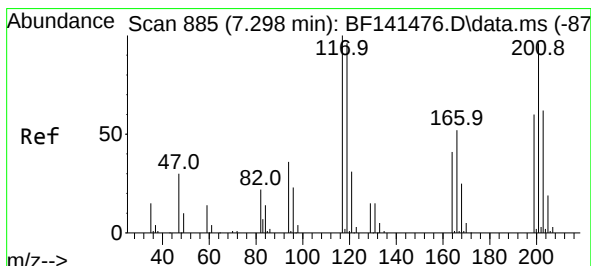
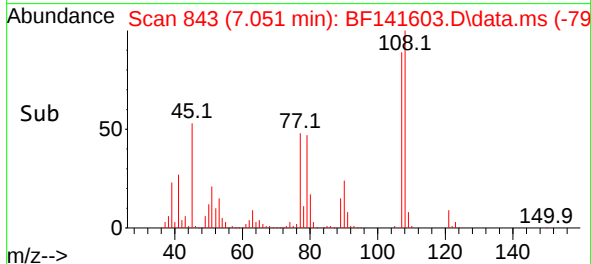
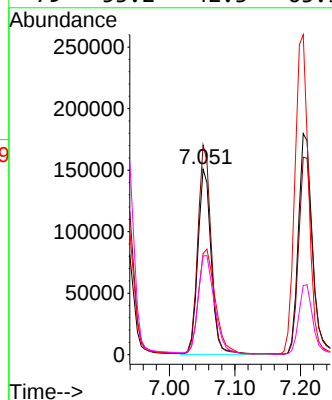
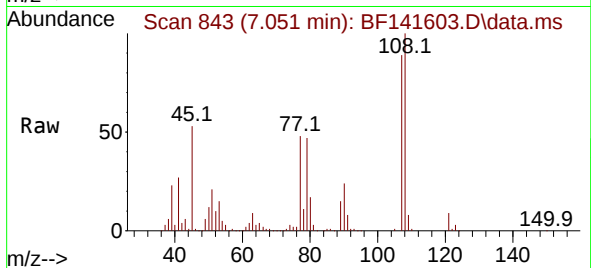




#17
2-Methylphenol
Concen: 39.360 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

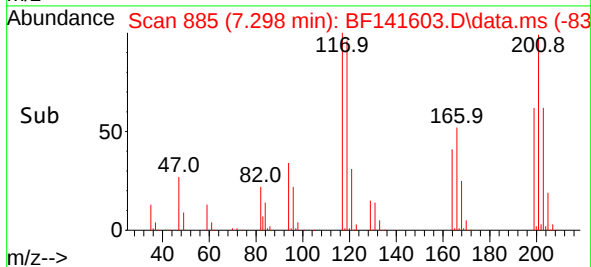
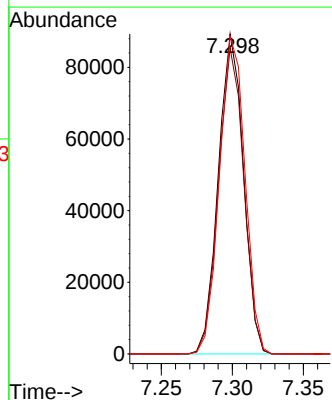
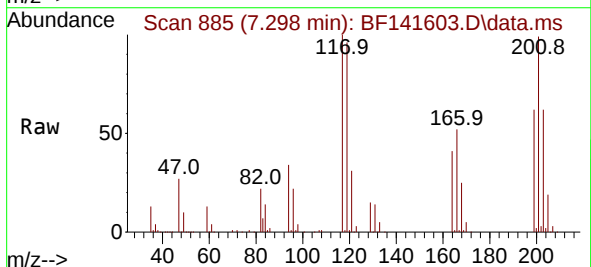
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

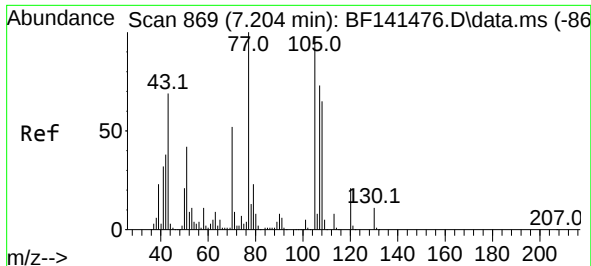
Tgt Ion:107 Resp: 214839
Ion Ratio Lower Upper
107 100
108 113.0 90.6 136.0
77 54.5 44.4 66.6
79 53.2 42.3 63.5



#18
Hexachloroethane
Concen: 39.494 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:117 Resp: 109966
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
201 99.5 76.7 115.1



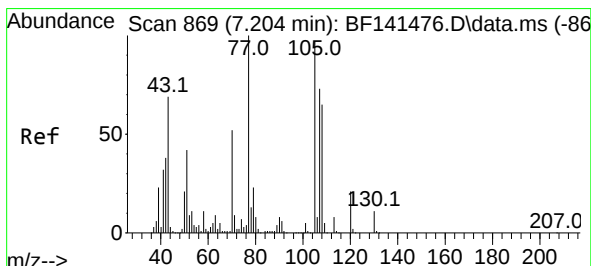
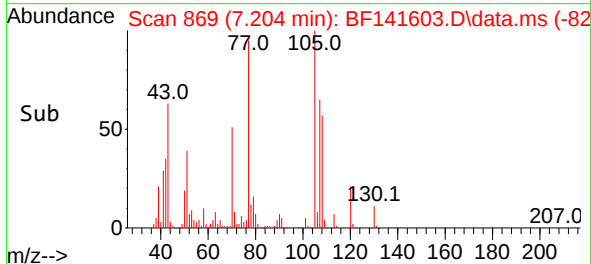
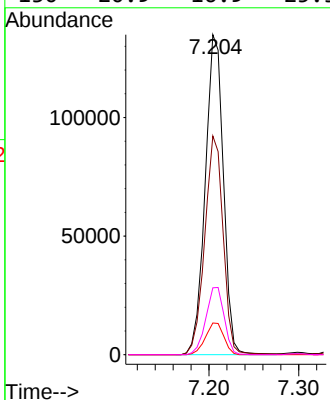
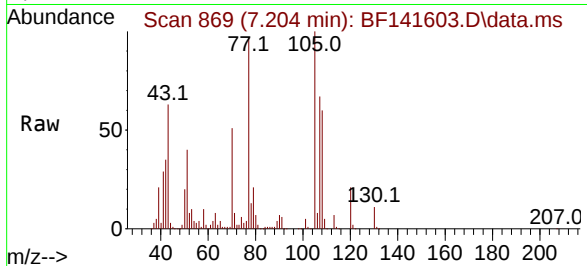


#19
n-Nitroso-di-n-propylamine
Concen: 38.894 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 189809

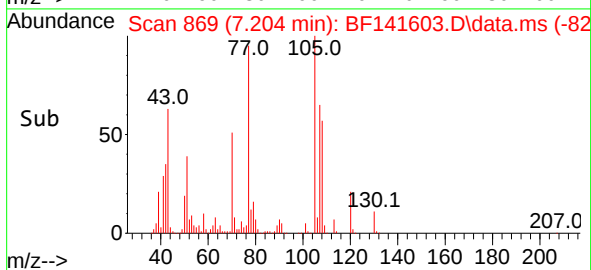
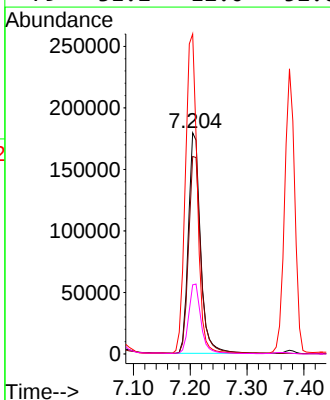
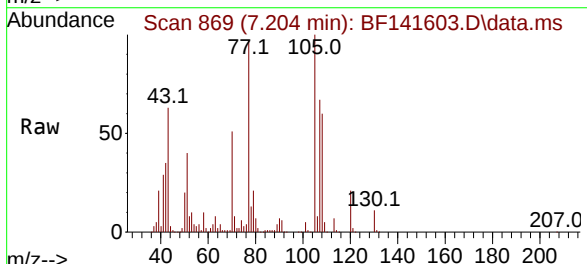
Ion	Ratio	Lower	Upper
70	100		
42	68.3	57.4	86.2
101	9.9	8.0	12.0
130	20.9	16.9	25.3

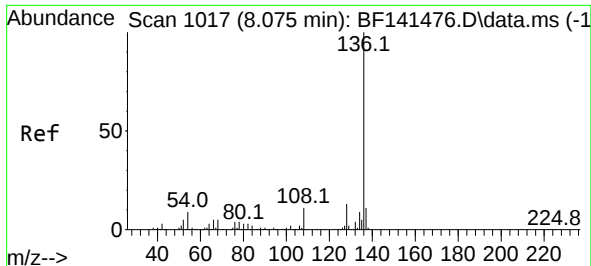


#20
3+4-Methylphenols
Concen: 38.420 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 107 Resp: 266506

Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.5	108.5
77	144.7	116.5	156.5
79	31.2	12.0	52.0

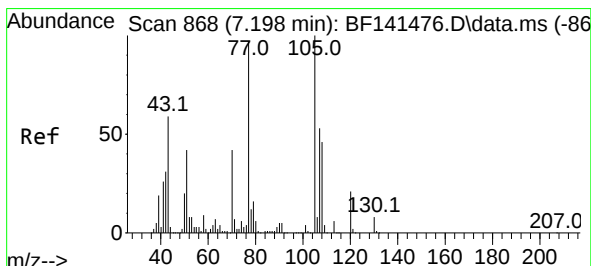
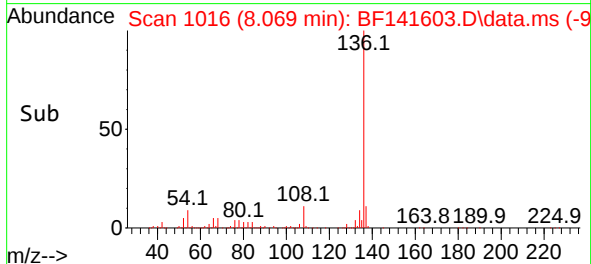
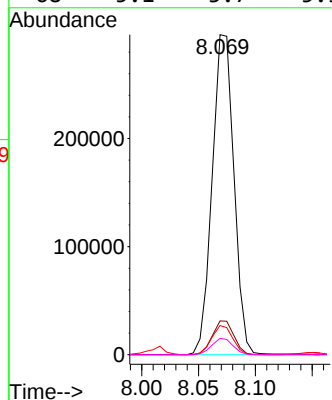
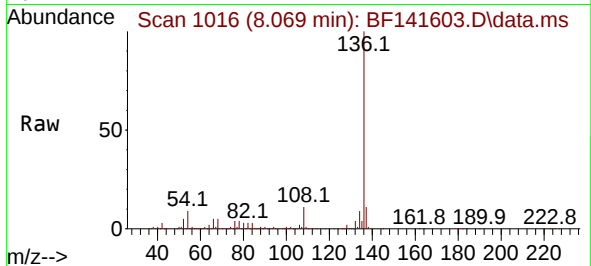




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

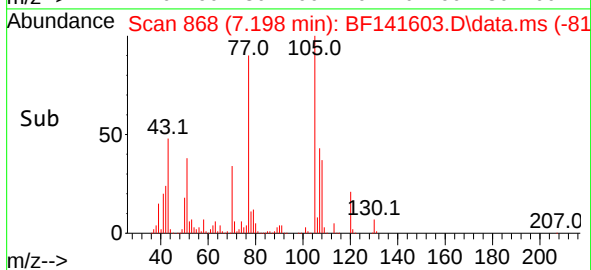
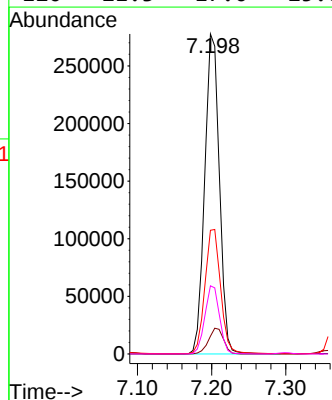
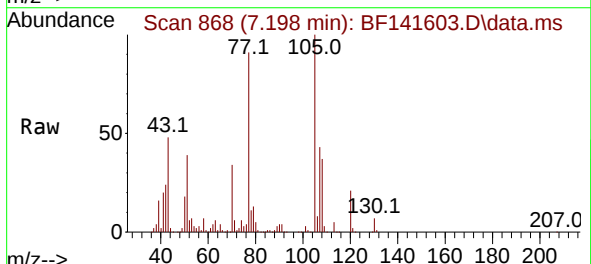
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

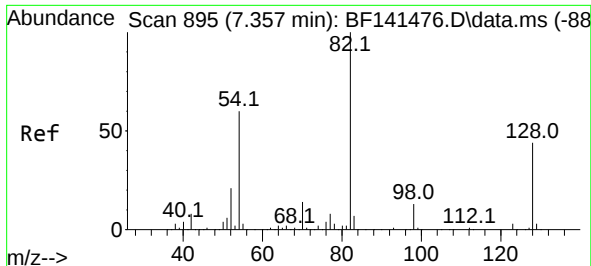
Tgt Ion:136 Resp: 394924
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.1 7.2 10.8
68 5.1 3.7 5.5



#22
Acetophenone
Concen: 38.934 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:105 Resp: 382488
Ion Ratio Lower Upper
105 100
71 5.5 5.7 8.5#
51 38.7 33.7 50.5
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.630 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

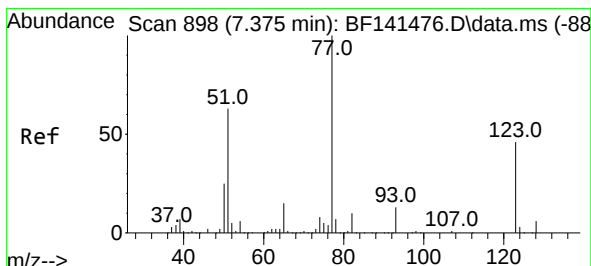
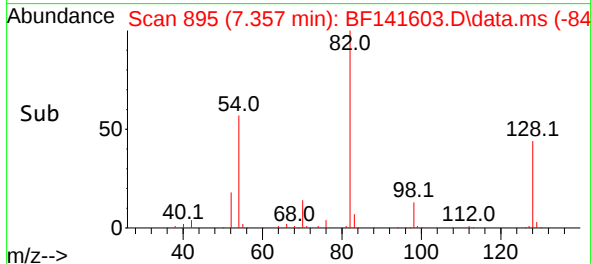
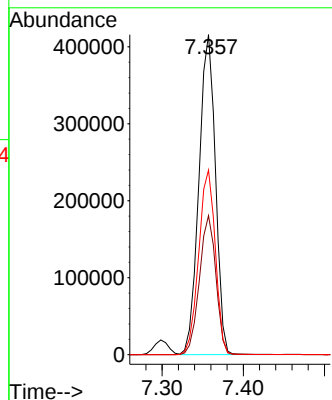
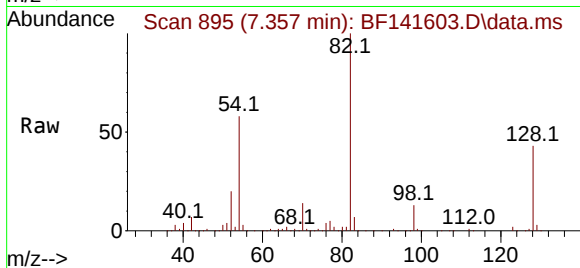
Tgt Ion: 82 Resp: 587785

Ion Ratio Lower Upper

82 100

128 43.5 34.8 52.2

54 57.7 48.2 72.4



#24

Nitrobenzene

Concen: 38.624 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

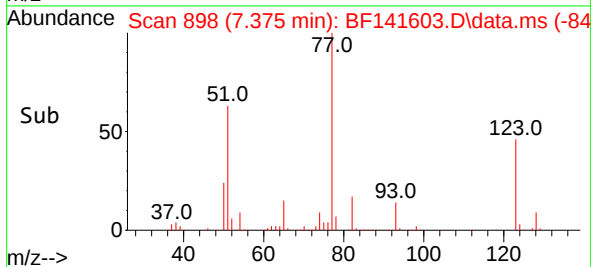
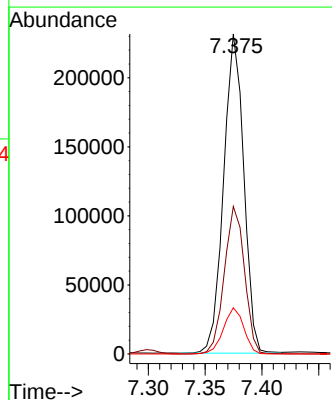
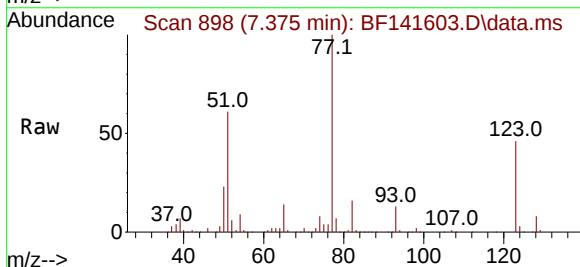
Tgt Ion: 77 Resp: 285170

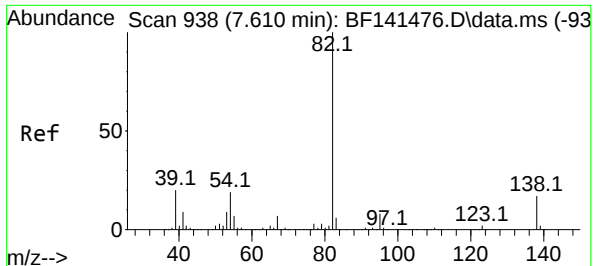
Ion Ratio Lower Upper

77 100

123 46.1 36.9 55.3

65 14.4 11.9 17.9

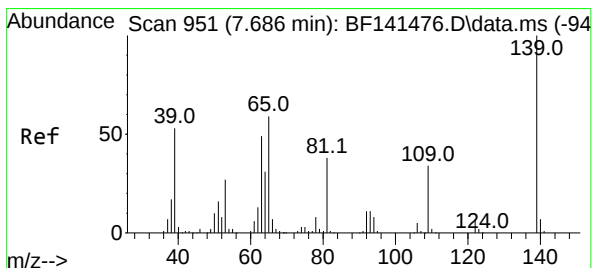
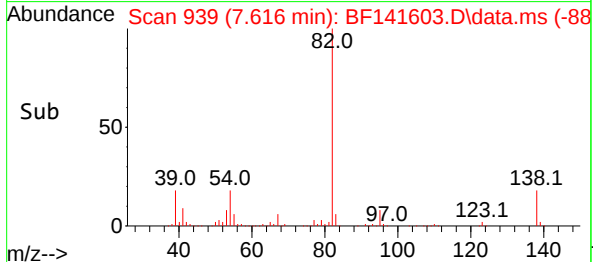
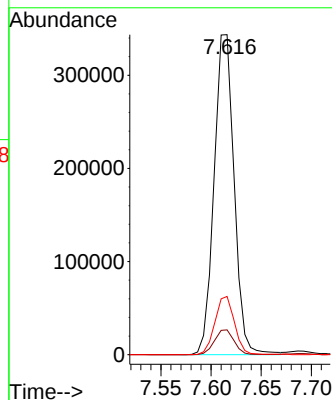
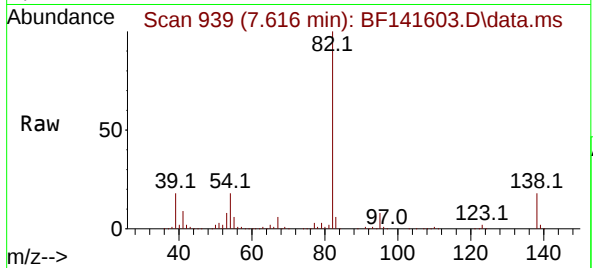




#25
Isophorone
Concen: 39.639 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

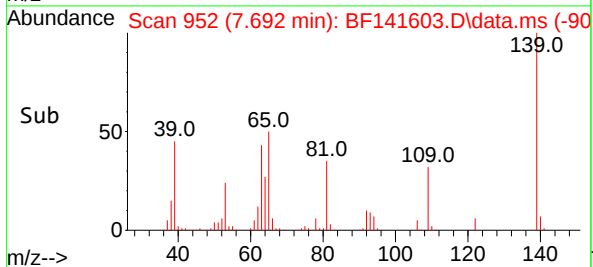
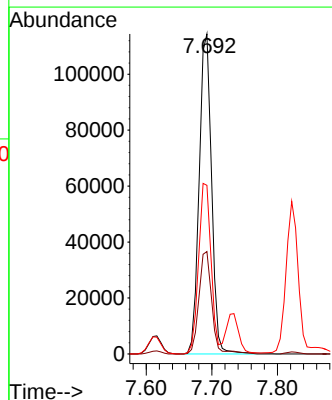
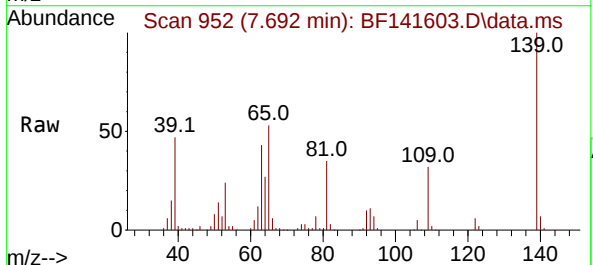
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

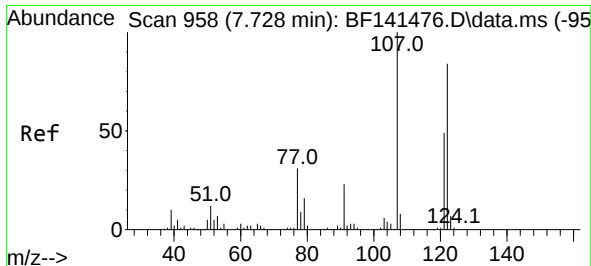
Tgt Ion: 82 Resp: 478555
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 18.2 13.9 20.9



#26
2-Nitrophenol
Concen: 41.098 ng
RT: 7.692 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:139 Resp: 150967
Ion Ratio Lower Upper
139 100
109 32.0 27.0 40.6
65 52.7 47.1 70.7

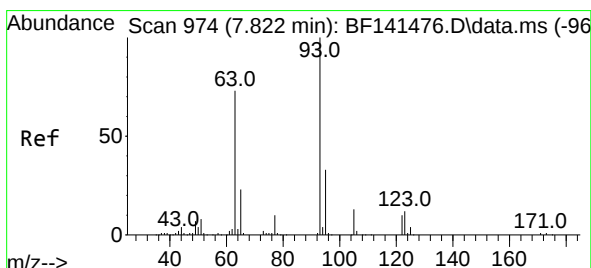
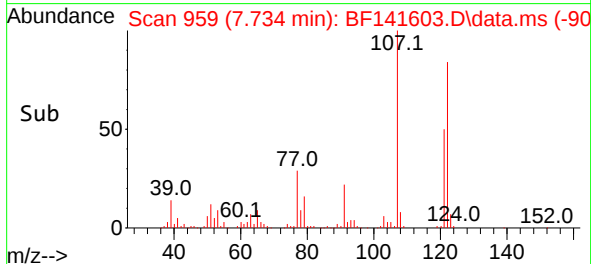
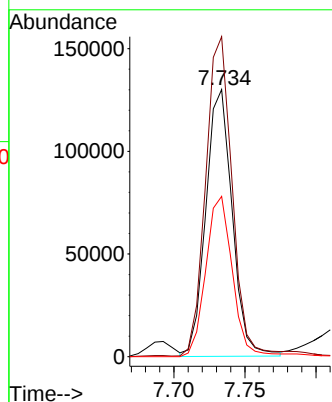
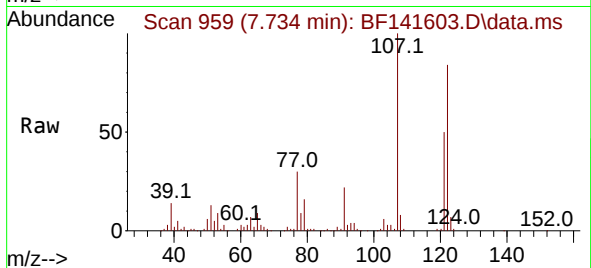




#27
2,4-Dimethylphenol
Concen: 39.183 ng
RT: 7.734 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

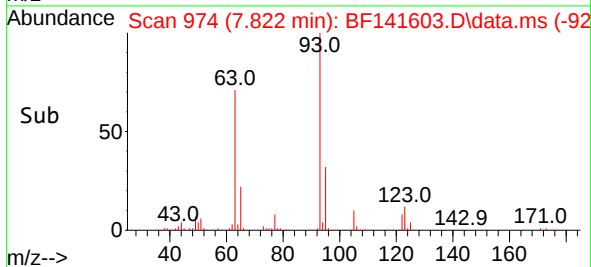
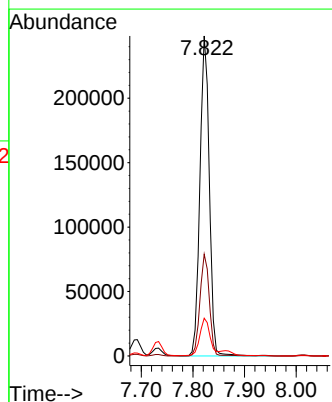
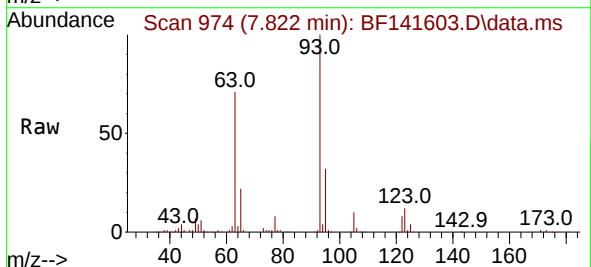
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

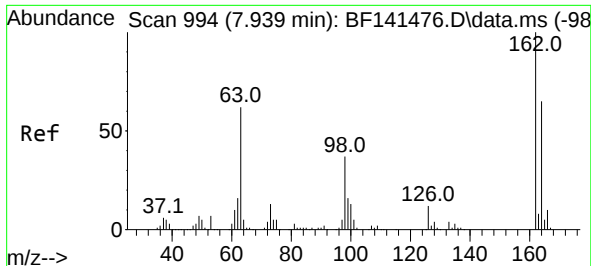
Tgt Ion:122 Resp: 168146
Ion Ratio Lower Upper
122 100
107 119.8 94.3 141.5
121 60.0 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.514 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion: 93 Resp: 313417
Ion Ratio Lower Upper
93 100
95 31.8 26.1 39.1
123 11.8 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.468 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141603.D

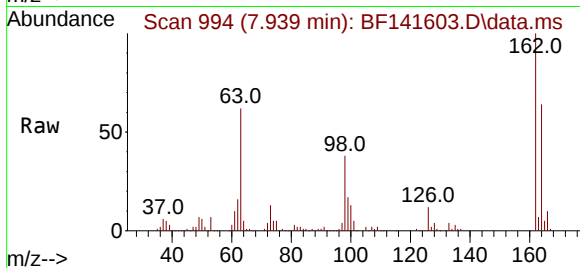
Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



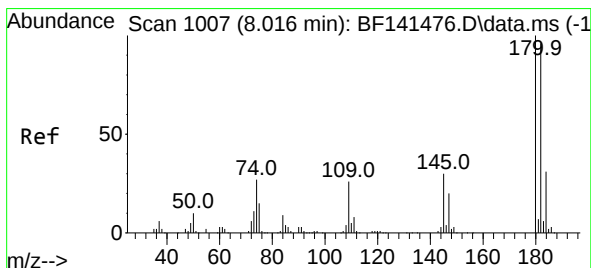
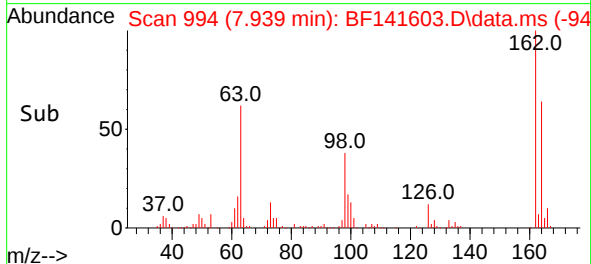
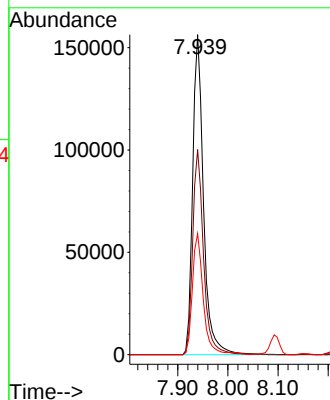
Tgt Ion:162 Resp: 234635

Ion Ratio Lower Upper

162 100

164 64.1 44.6 84.6

98 37.8 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 39.638 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

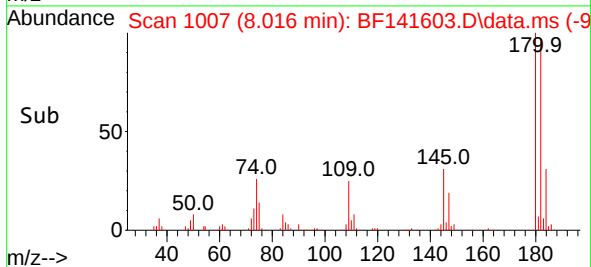
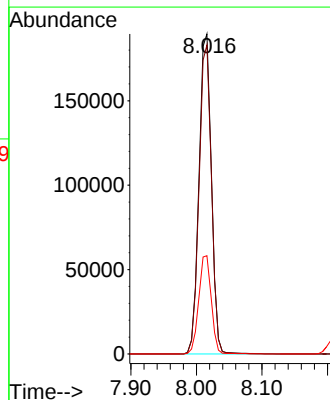
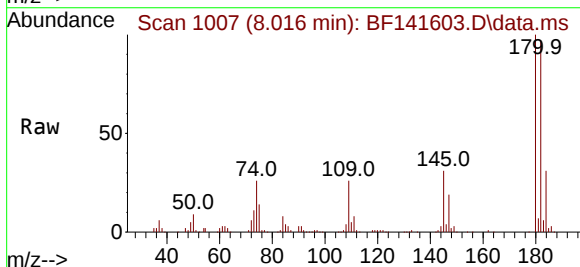
Tgt Ion:180 Resp: 250273

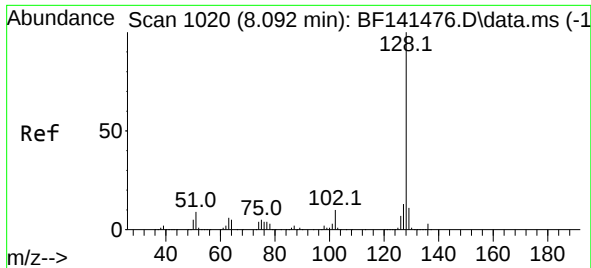
Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 30.7 24.2 36.4

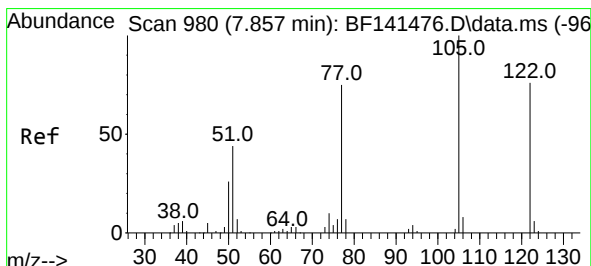
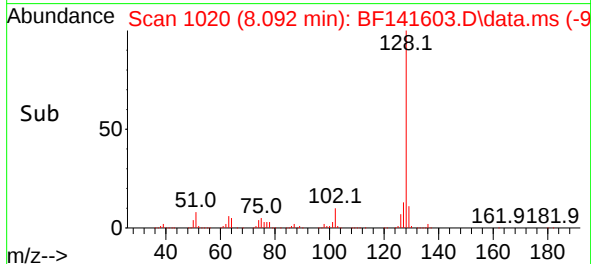
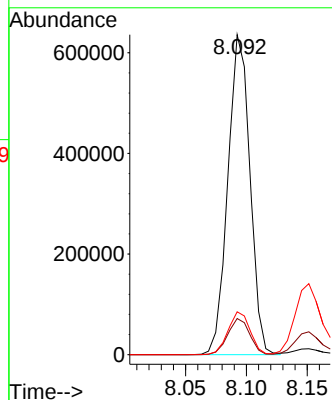
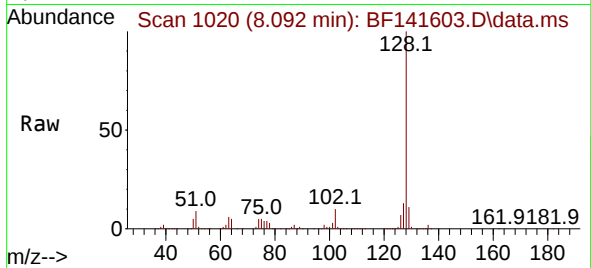




#31
Naphthalene
Concen: 39.135 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

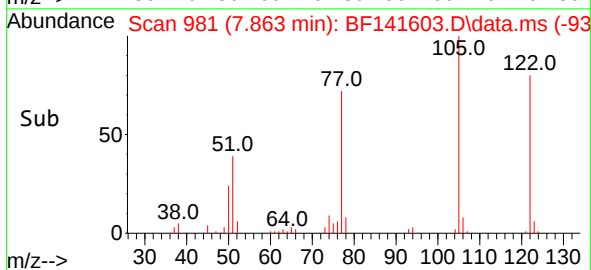
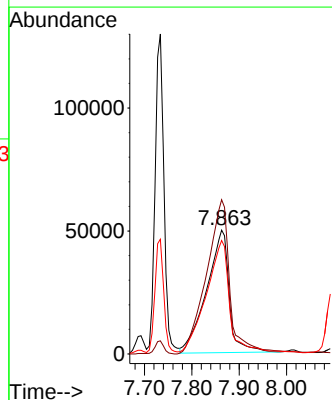
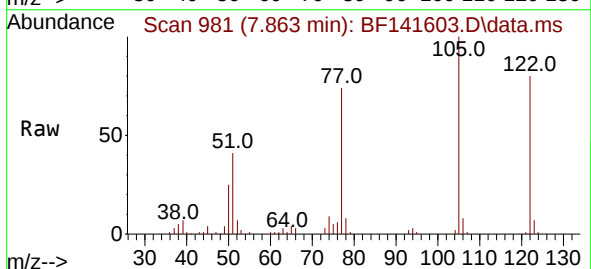
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

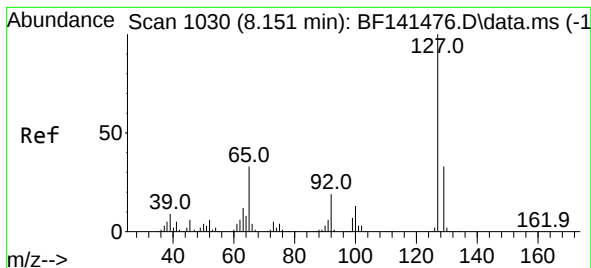
Tgt Ion:128 Resp: 804501
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 37.194 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:122 Resp: 165787
Ion Ratio Lower Upper
122 100
105 124.6 106.5 146.5
77 91.7 76.3 116.3





#33

4-Chloroaniline

Concen: 38.182 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 274047

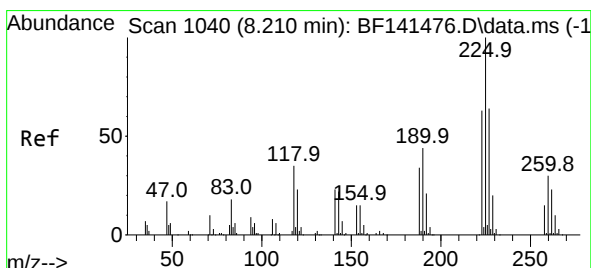
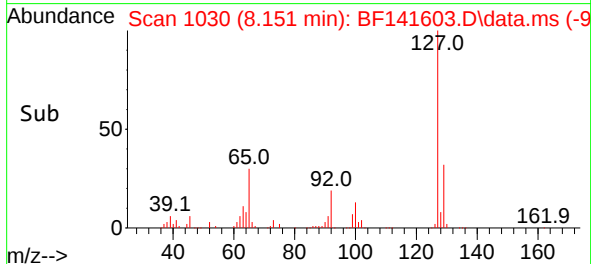
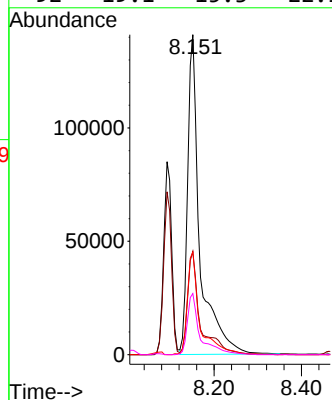
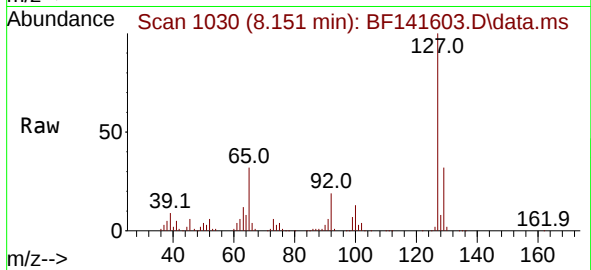
Ion Ratio Lower Upper

127 100

129 32.2 26.5 39.7

65 32.1 26.4 39.6

92 19.1 15.3 22.9



#34

Hexachlorobutadiene

Concen: 39.862 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

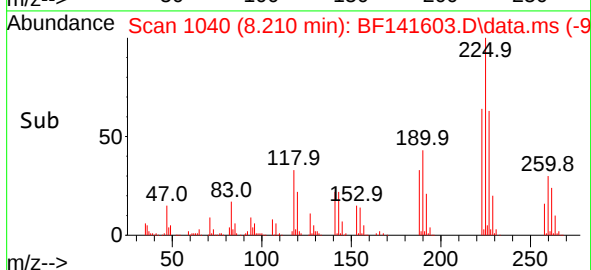
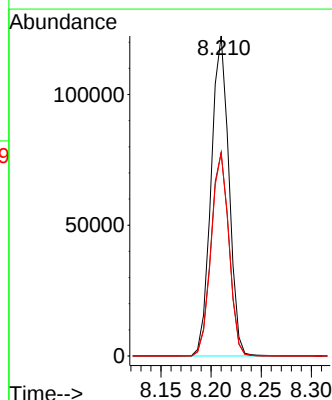
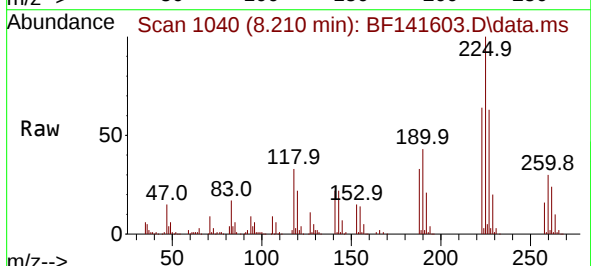
Tgt Ion:225 Resp: 151095

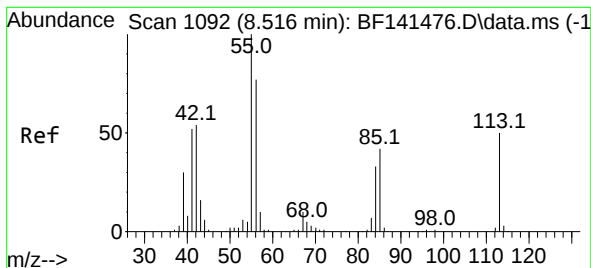
Ion Ratio Lower Upper

225 100

223 63.5 50.1 75.1

227 63.5 51.0 76.6





#35

Caprolactam

Concen: 40.007 ng

RT: 8.522 min Scan# 1092

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

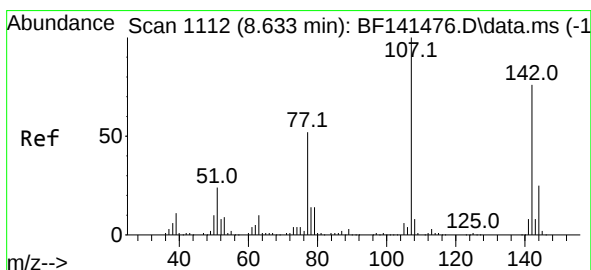
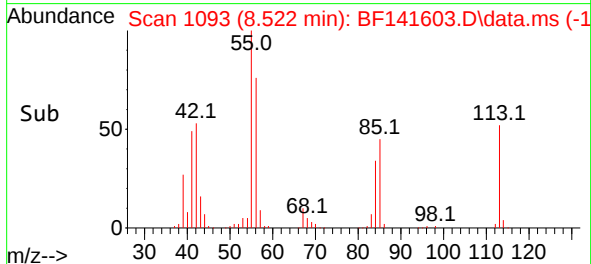
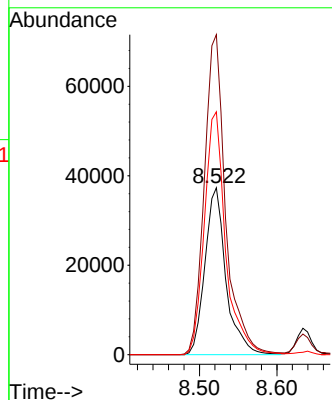
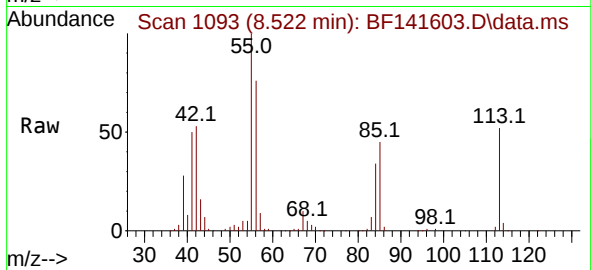
Tgt Ion:113 Resp: 70626

Ion Ratio Lower Upper

113 100

55 191.7 180.8 220.8

56 145.6 133.6 173.6



#36

4-Chloro-3-methylphenol

Concen: 39.209 ng

RT: 8.634 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

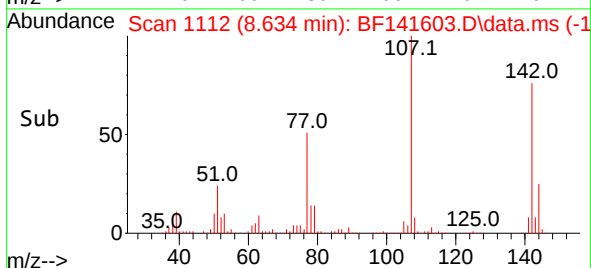
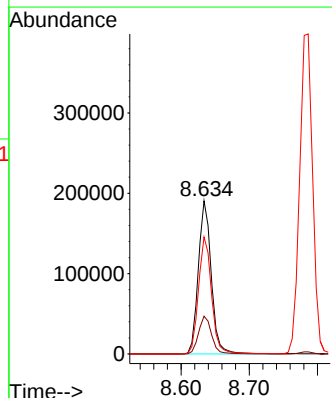
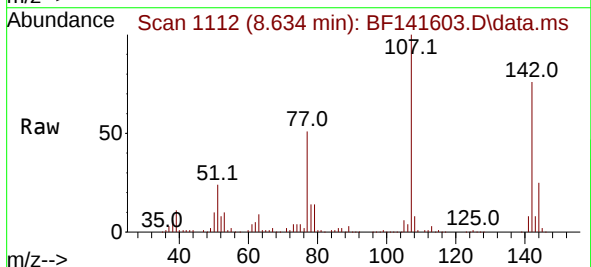
Tgt Ion:107 Resp: 251825

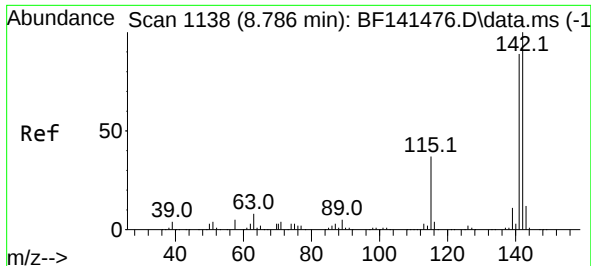
Ion Ratio Lower Upper

107 100

144 24.7 19.7 29.5

142 76.4 60.8 91.2

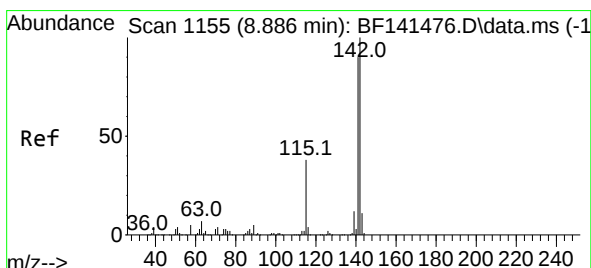
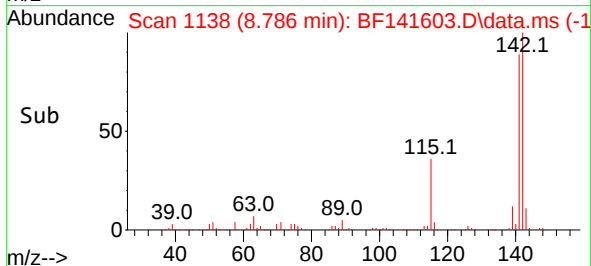
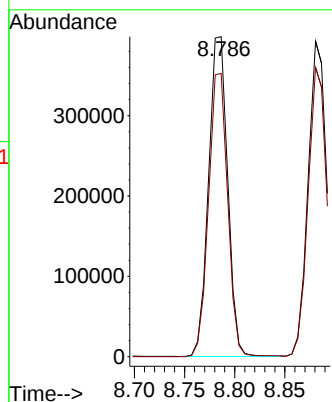
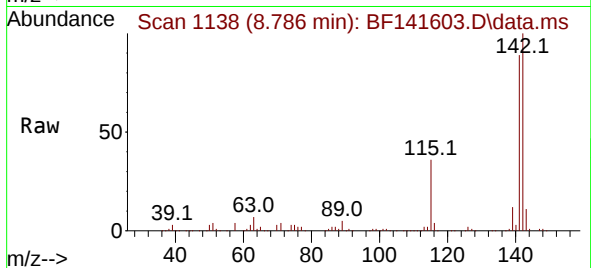




#37
2-Methylnaphthalene
Concen: 39.388 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

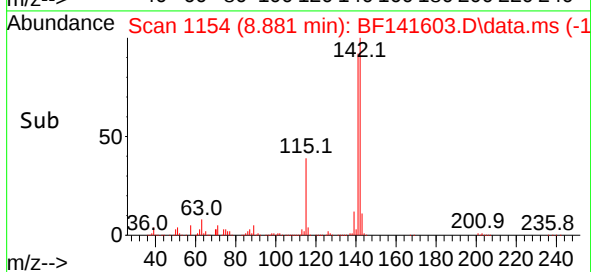
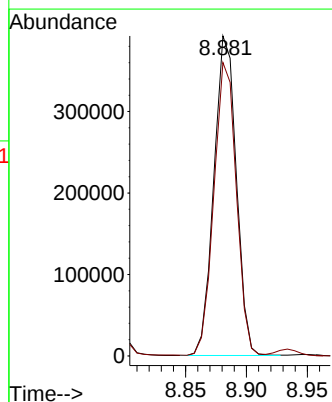
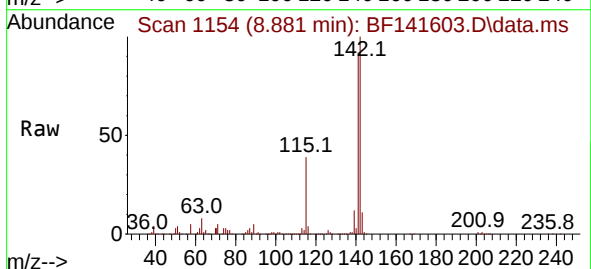
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

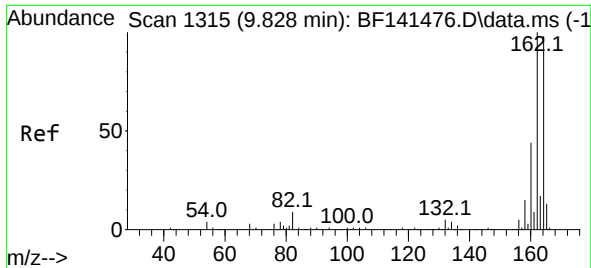
Tgt Ion:142 Resp: 526906
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 38.793 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:142 Resp: 502619
Ion Ratio Lower Upper
142 100
141 91.7 72.1 108.1

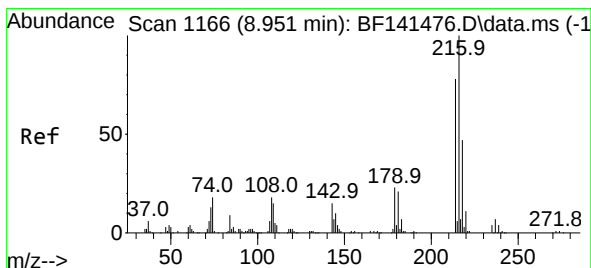
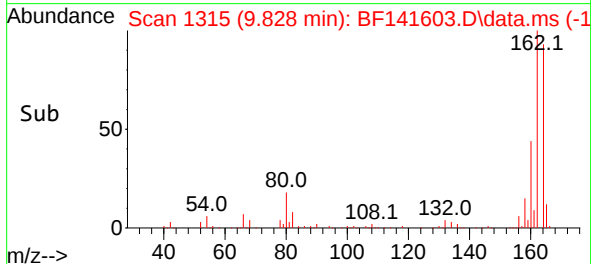
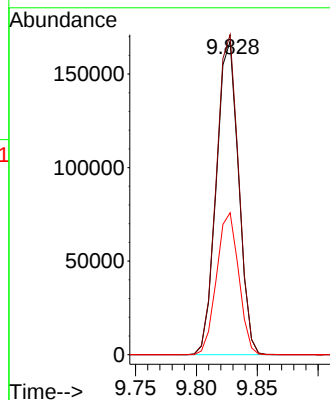
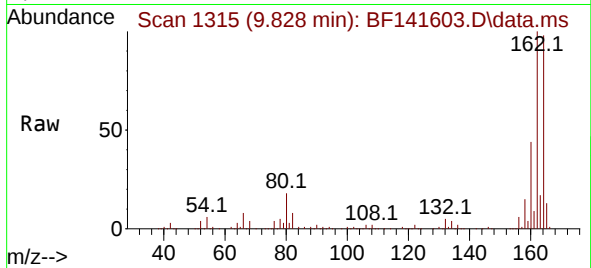




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

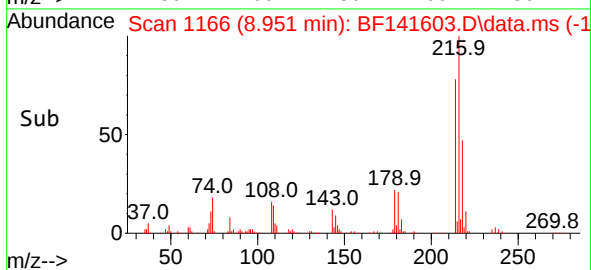
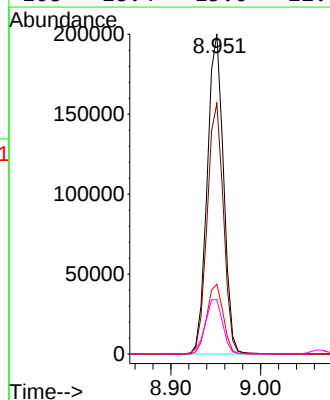
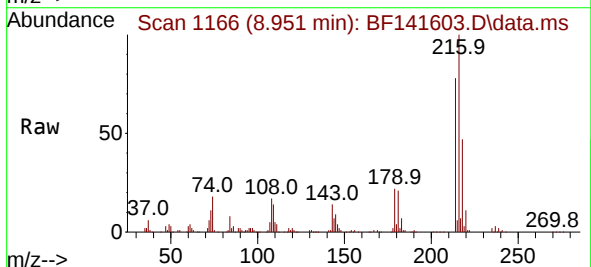
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

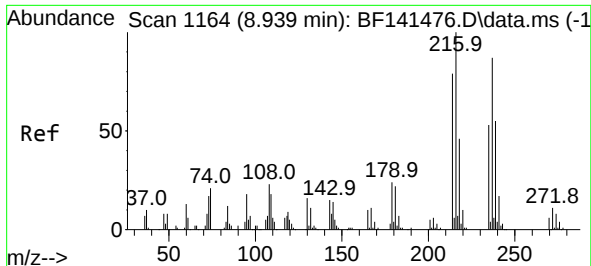
Tgt Ion:164 Resp: 212437
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.3 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.979 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:216 Resp: 251858
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 21.9 18.0 27.0
108 18.4 15.0 22.6

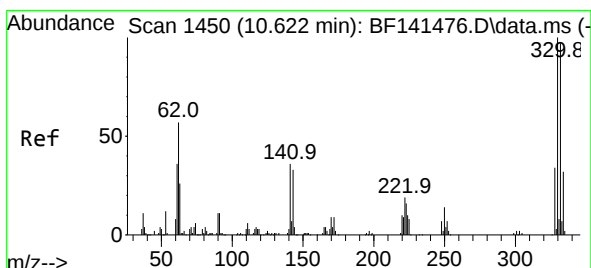
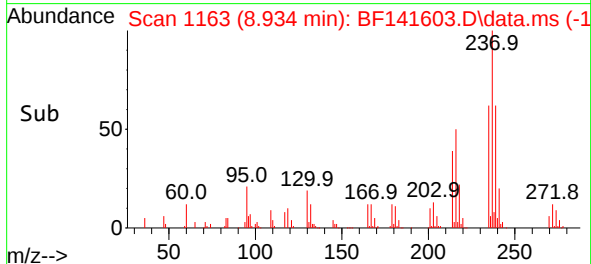
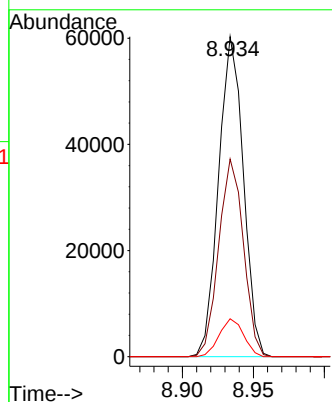
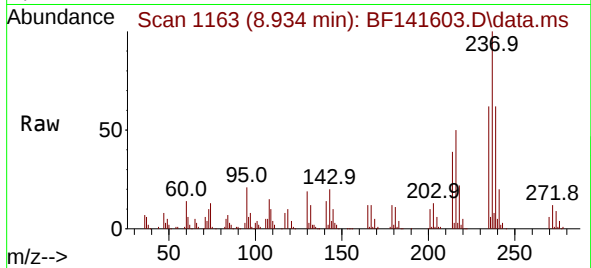




#41
Hexachlorocyclopentadiene
Concen: 35.749 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

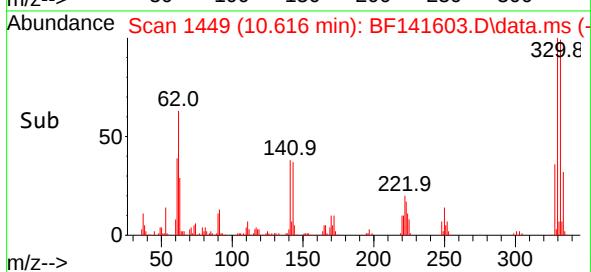
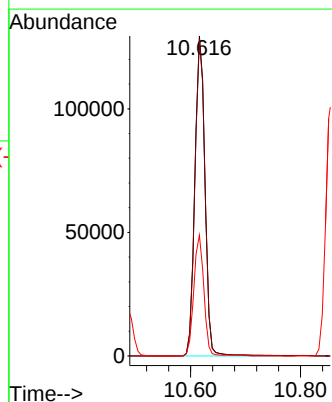
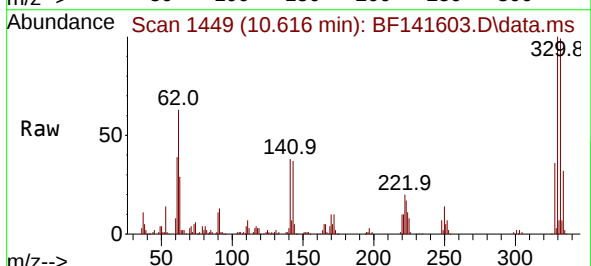
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

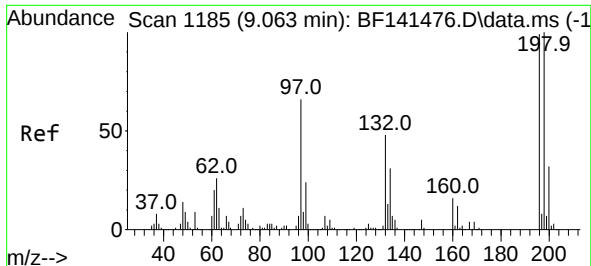
Tgt Ion:237 Resp: 73079
Ion Ratio Lower Upper
237 100
235 61.7 41.4 81.4
272 11.9 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 77.521 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:330 Resp: 165432
Ion Ratio Lower Upper
330 100
332 98.2 78.5 117.7
141 37.4 31.0 46.4

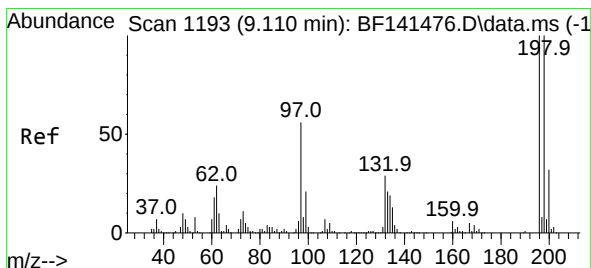
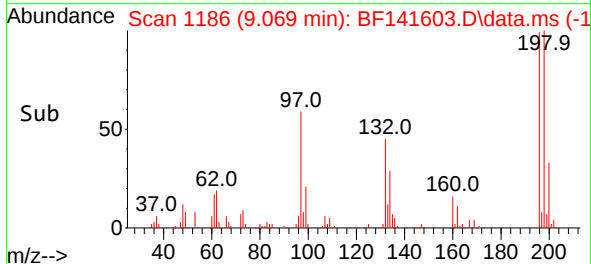
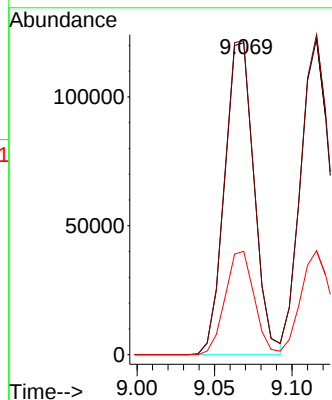
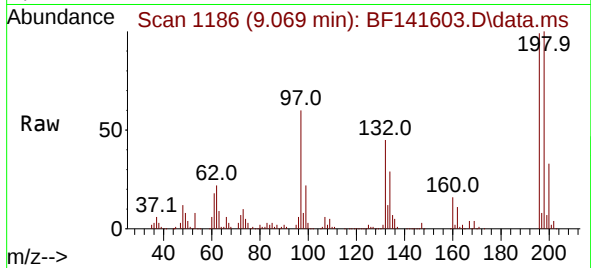




#43
2,4,6-Trichlorophenol
Concen: 40.363 ng
RT: 9.069 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

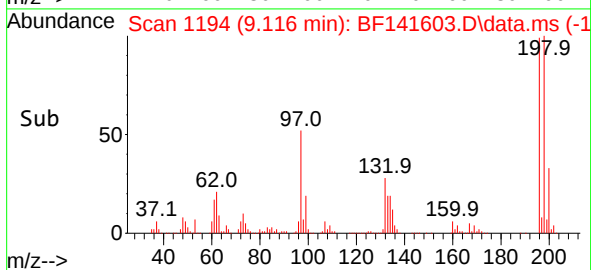
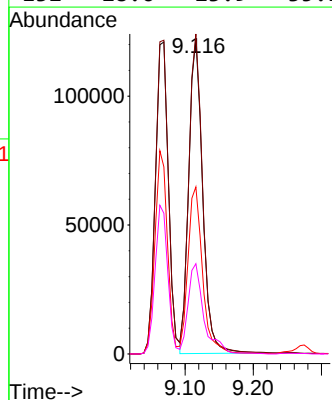
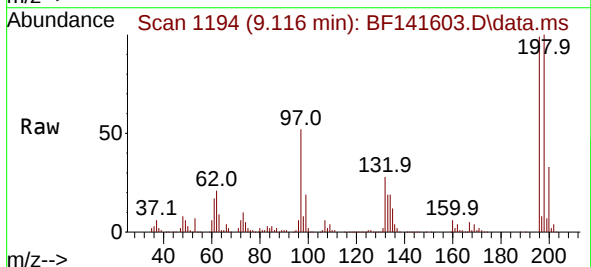
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

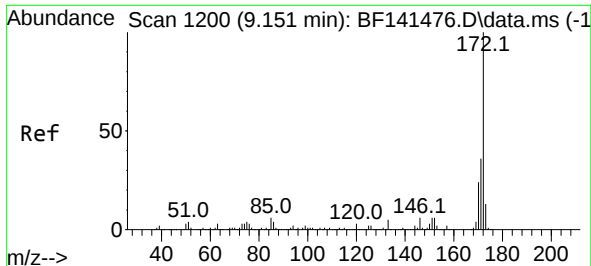
Tgt Ion:196 Resp: 160332
Ion Ratio Lower Upper
196 100
198 100.5 80.6 121.0
200 33.1 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 39.939 ng
RT: 9.116 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:196 Resp: 171939
Ion Ratio Lower Upper
196 100
198 101.4 79.8 119.8
97 52.9 44.8 67.2
132 28.6 23.9 35.9

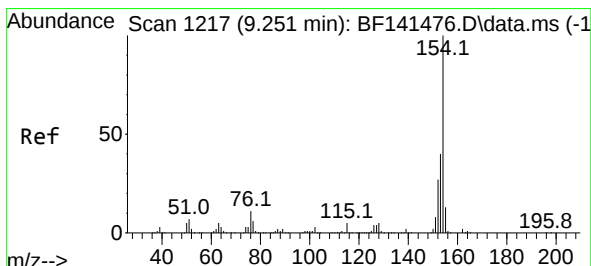
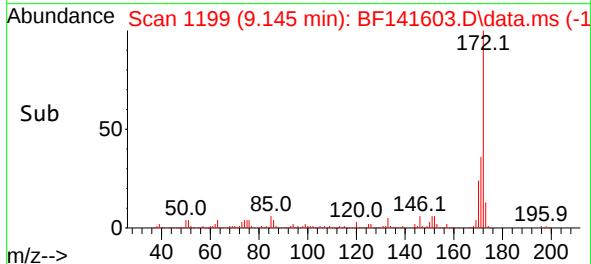
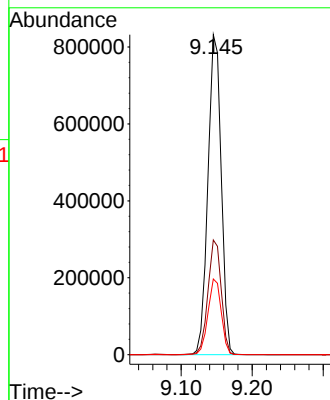
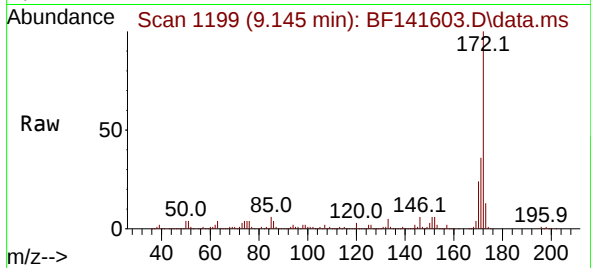




#45
2-Fluorobiphenyl
Concen: 78.504 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

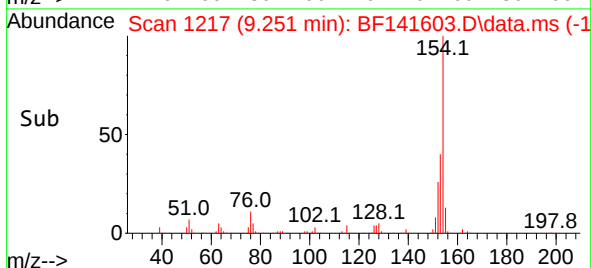
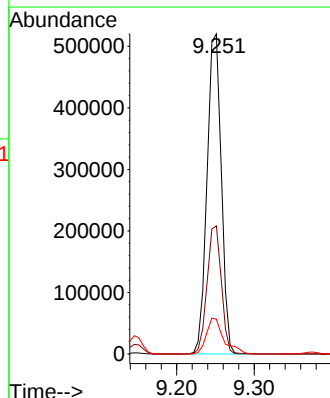
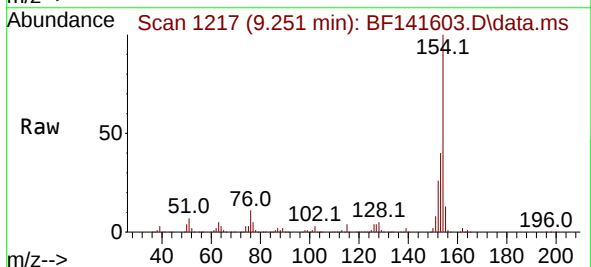
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

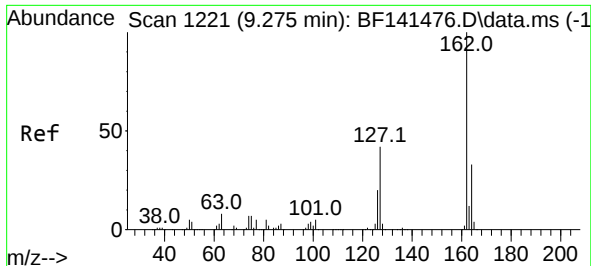
Tgt Ion:172 Resp: 1082478
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.365 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:154 Resp: 664808
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 10.9 0.0 30.8





#47

2-Chloronaphthalene

Concen: 39.891 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

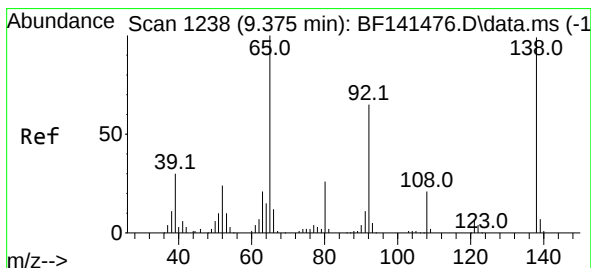
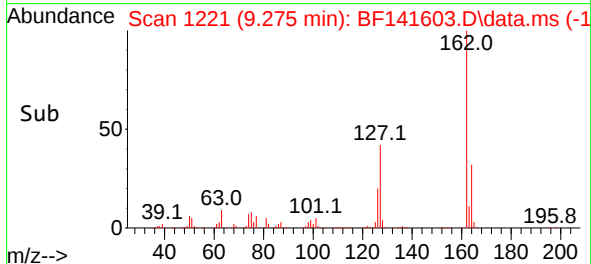
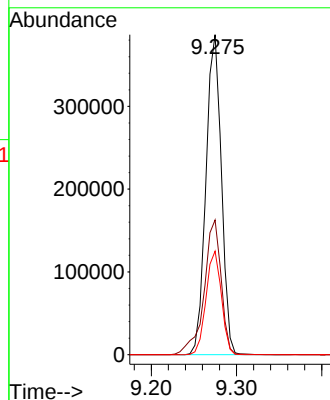
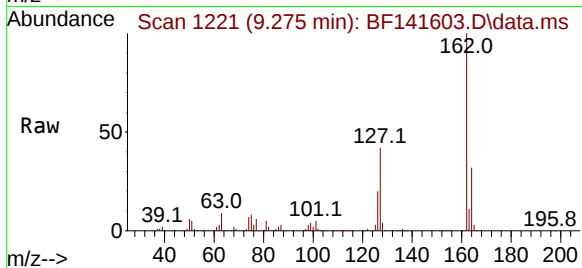
Tgt Ion:162 Resp: 485830

Ion Ratio Lower Upper

162 100

127 42.1 34.1 51.1

164 32.3 26.3 39.5



#48

2-Nitroaniline

Concen: 39.212 ng

RT: 9.375 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

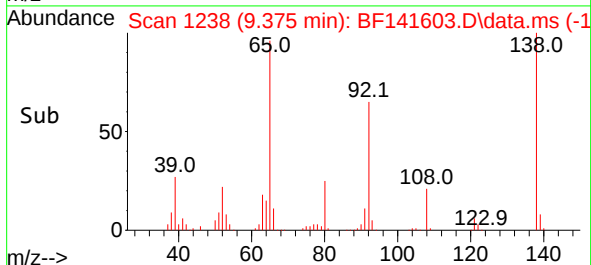
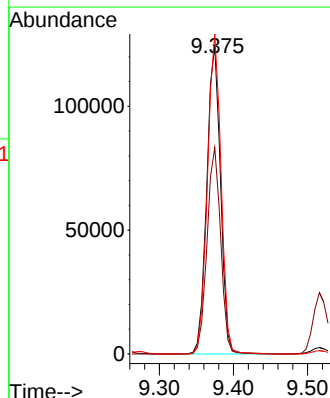
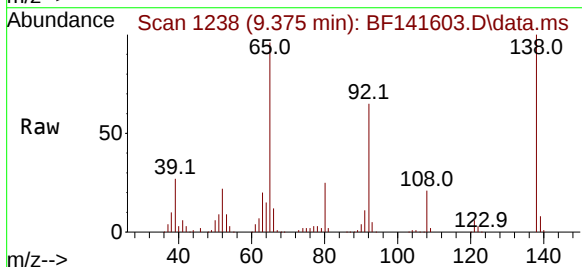
Tgt Ion: 65 Resp: 160269

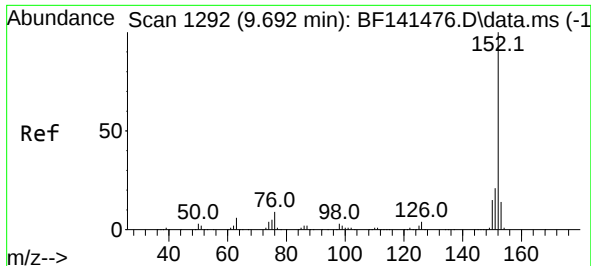
Ion Ratio Lower Upper

65 100

92 67.0 52.2 78.2

138 103.9 79.5 119.3





#49

Acenaphthylene

Concen: 39.489 ng

RT: 9.686 min Scan# 1291

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

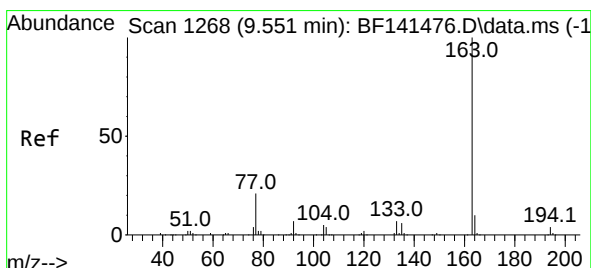
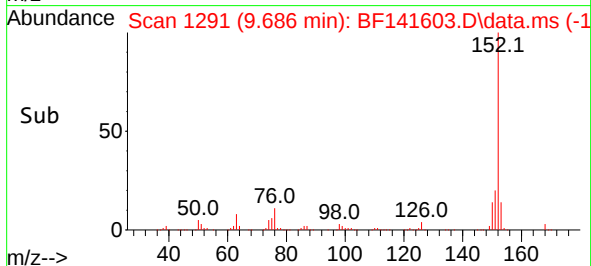
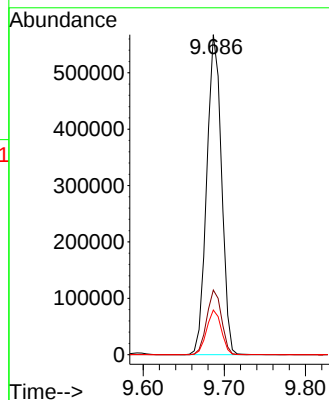
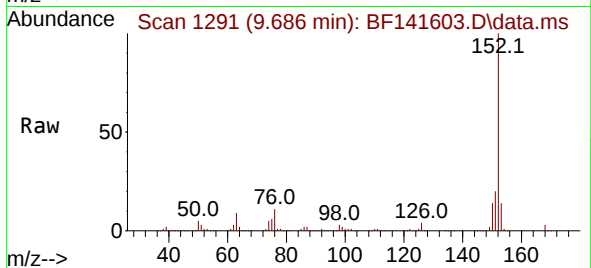
Tgt Ion:152 Resp: 715329

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 40.728 ng

RT: 9.551 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

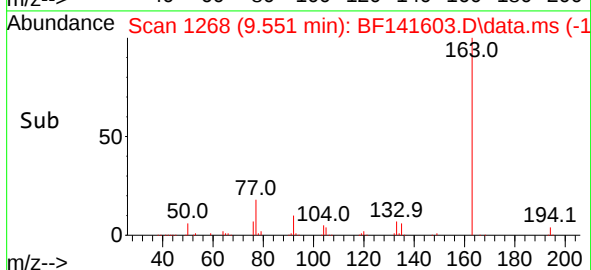
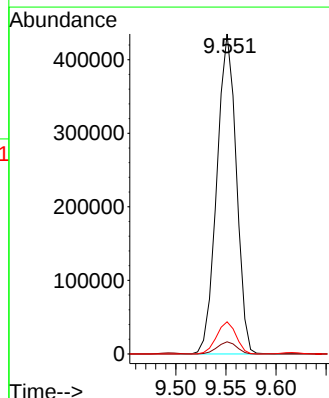
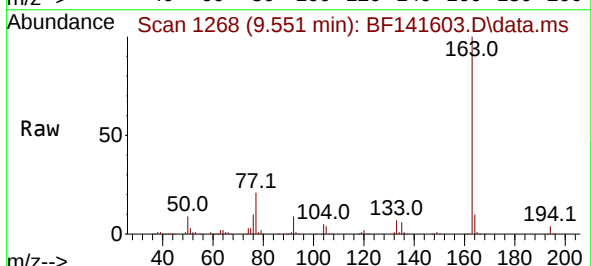
Tgt Ion:163 Resp: 587368

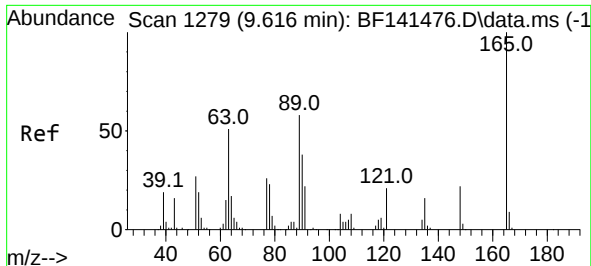
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.0 7.9 11.9

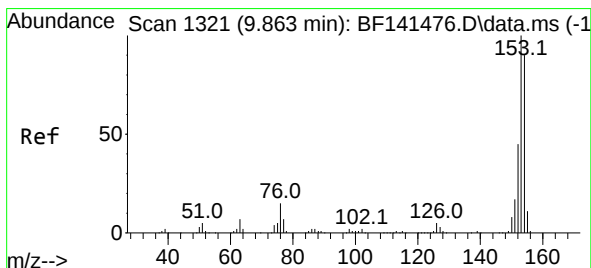
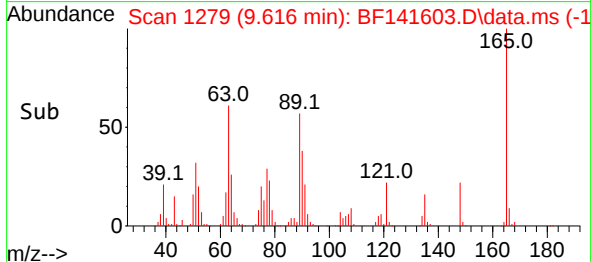
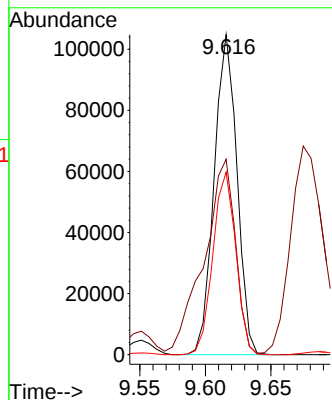
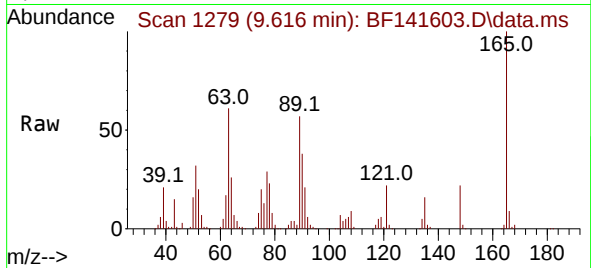




#51
2,6-Dinitrotoluene
Concen: 40.122 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

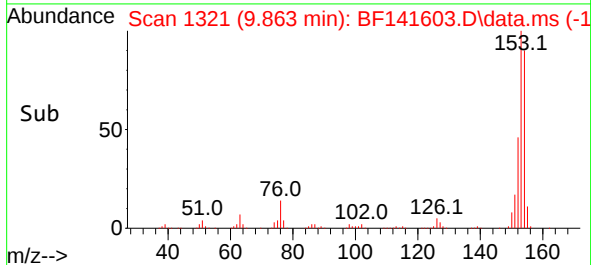
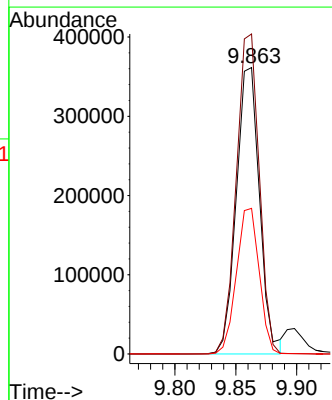
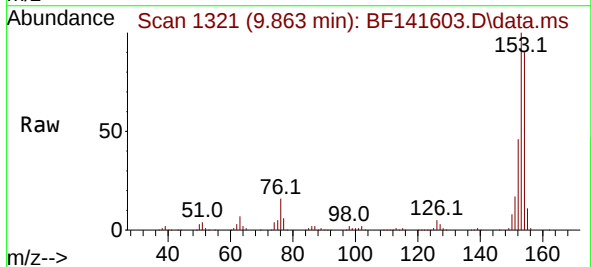
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

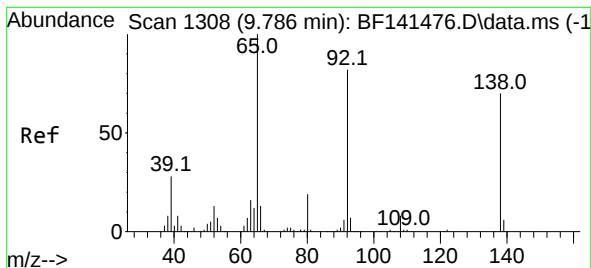
Tgt Ion:165 Resp: 126493
Ion Ratio Lower Upper
165 100
63 61.1 49.4 74.0
89 57.1 46.5 69.7



#52
Acenaphthene
Concen: 39.404 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:154 Resp: 479883
Ion Ratio Lower Upper
154 100
153 111.7 89.2 133.8
152 50.8 39.8 59.8





#53

3-Nitroaniline

Concen: 38.688 ng

RT: 9.786 min Scan# 1308

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

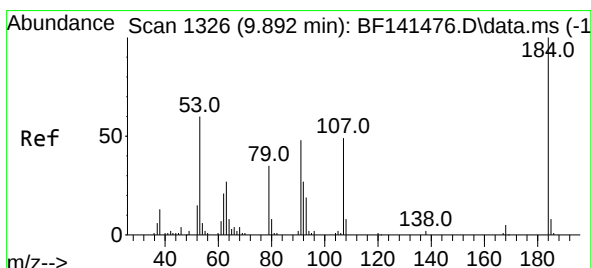
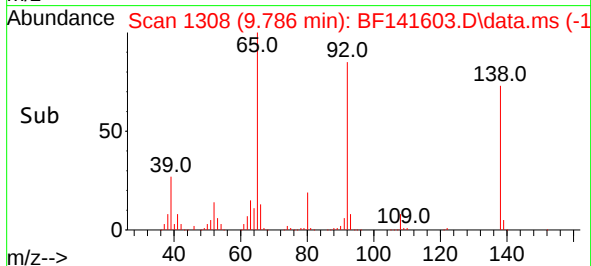
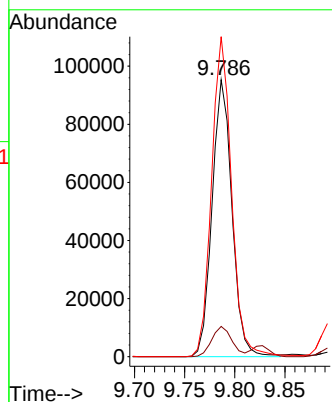
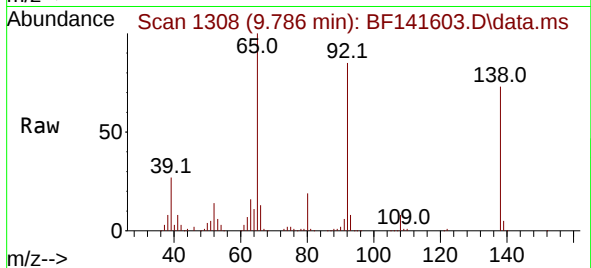
Tgt Ion:138 Resp: 131277

Ion Ratio Lower Upper

138 100

108 10.9 9.0 13.4

92 115.5 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 37.047 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

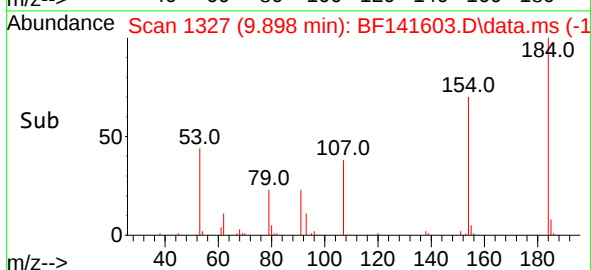
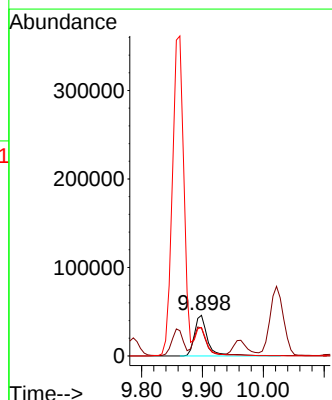
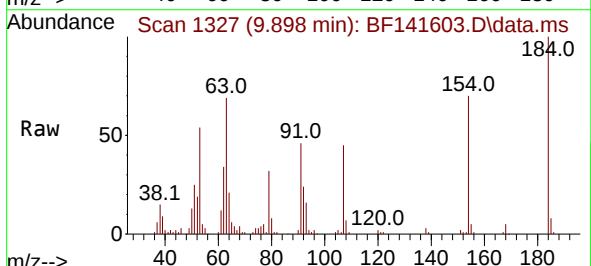
Tgt Ion:184 Resp: 69416

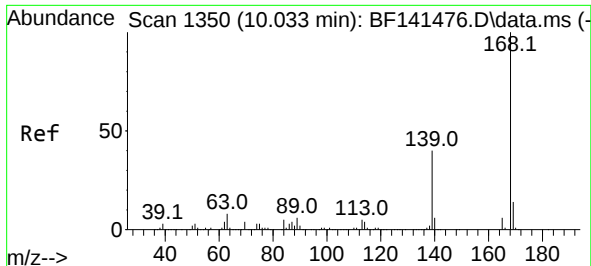
Ion Ratio Lower Upper

184 100

63 68.9 61.0 91.6

154 69.9 59.9 89.9

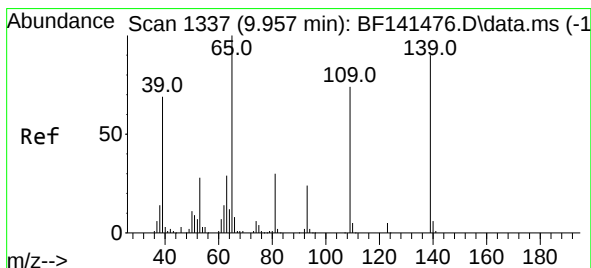
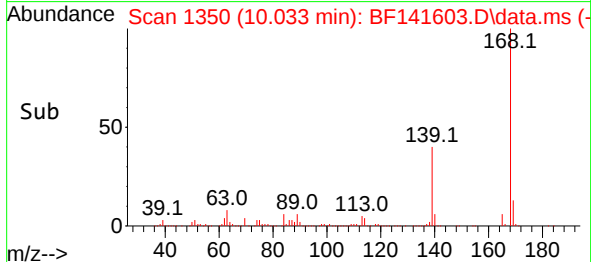
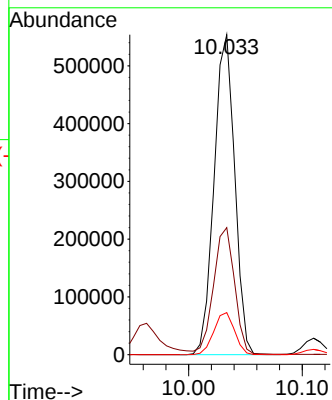
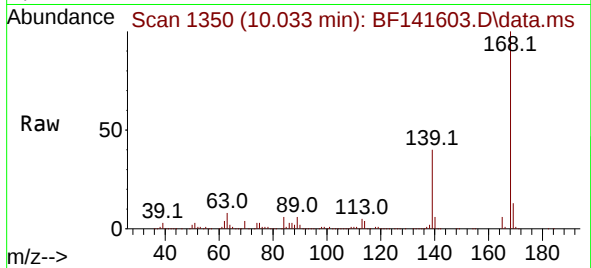




#55
Dibenzofuran
Concen: 39.069 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

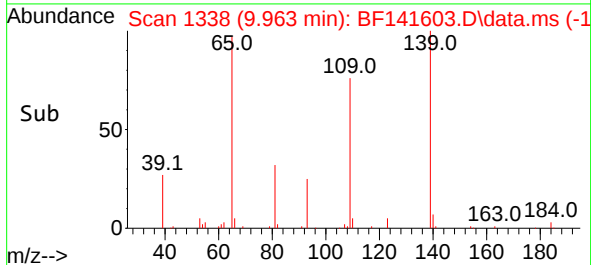
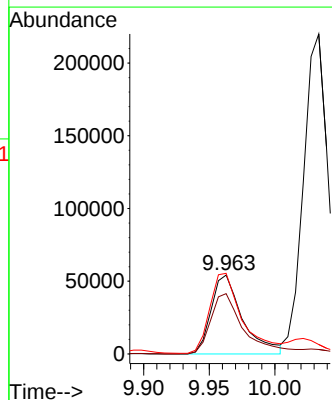
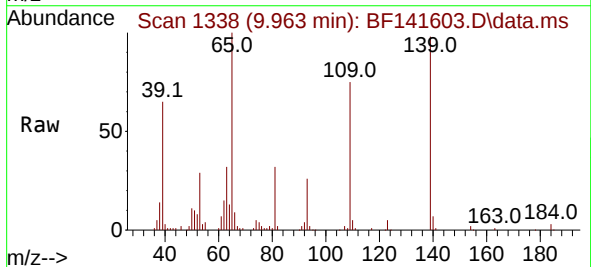
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

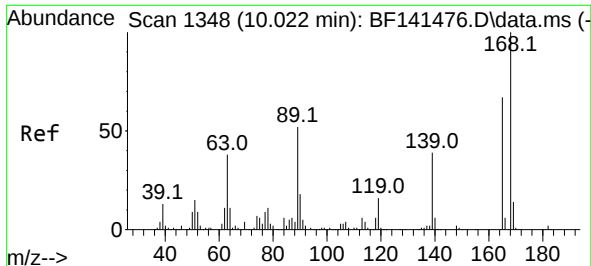
Tgt Ion:168 Resp: 698378
Ion Ratio Lower Upper
168 100
139 39.7 32.7 49.1
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 36.003 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:139 Resp: 90688
Ion Ratio Lower Upper
139 100
109 76.5 62.0 102.0
65 102.2 91.2 131.2

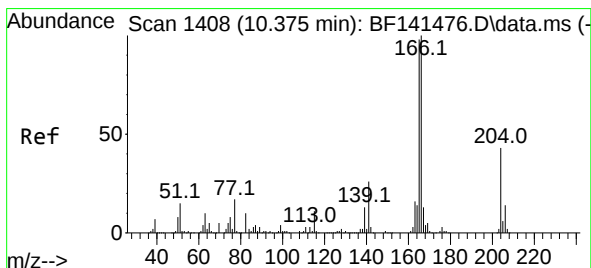
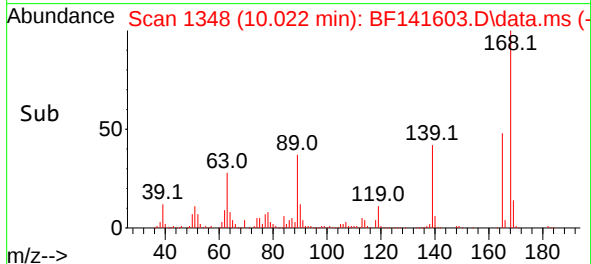
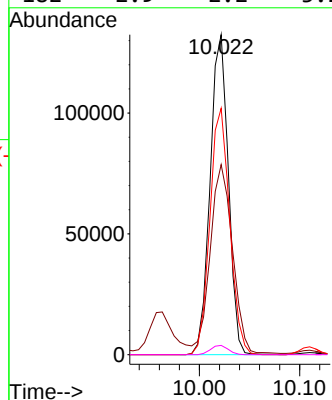
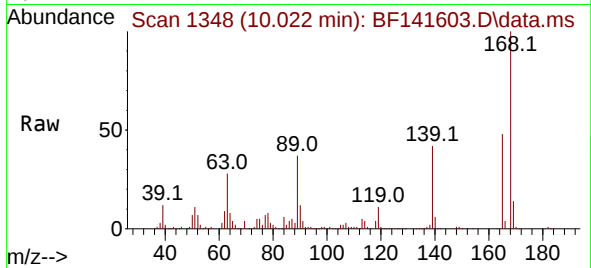




#57
2,4-Dinitrotoluene
Concen: 39.830 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

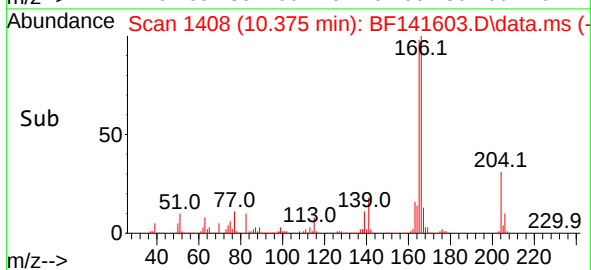
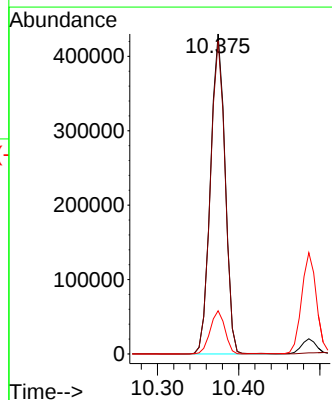
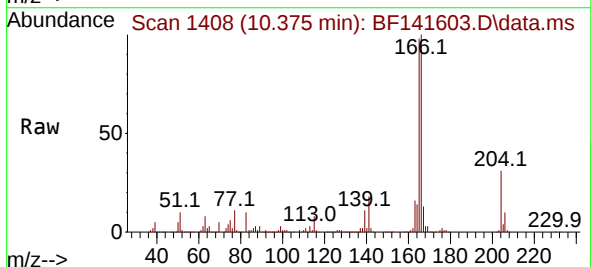
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

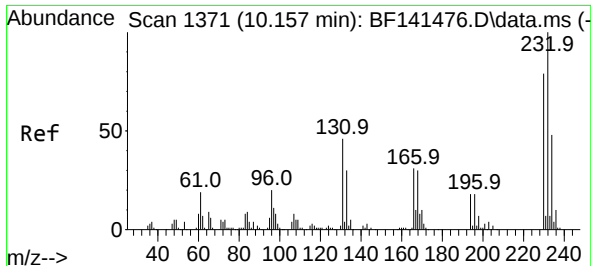
Tgt Ion:165 Resp: 167167
Ion Ratio Lower Upper
165 100
63 59.4 46.4 69.6
89 77.0 61.8 92.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 38.870 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:166 Resp: 537234
Ion Ratio Lower Upper
166 100
165 97.9 78.2 117.2
167 13.5 10.7 16.1

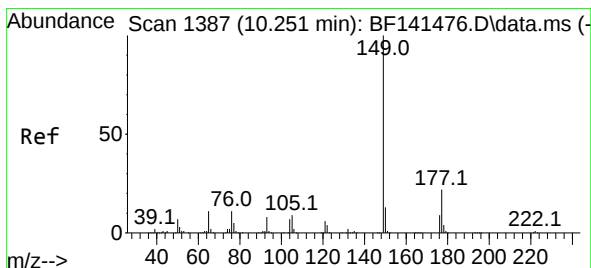
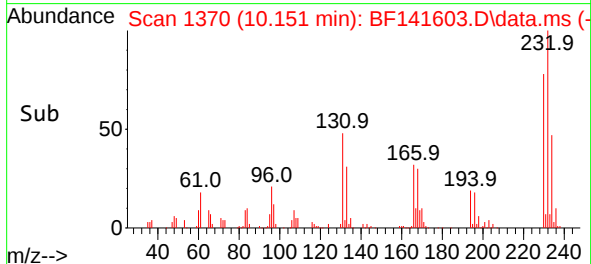
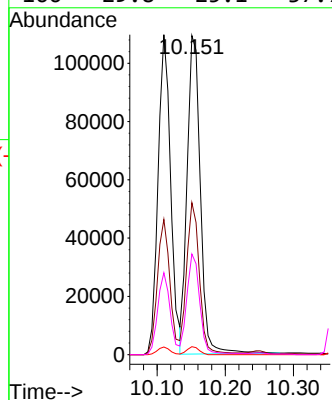
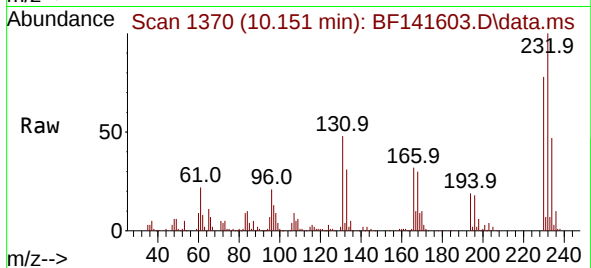




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.455 ng
RT: 10.151 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

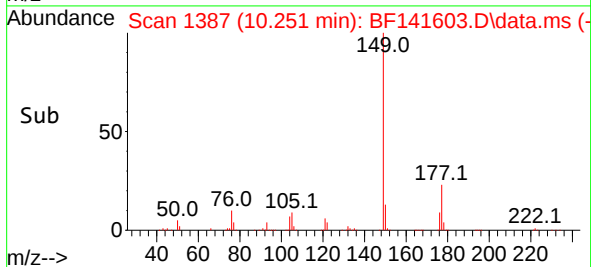
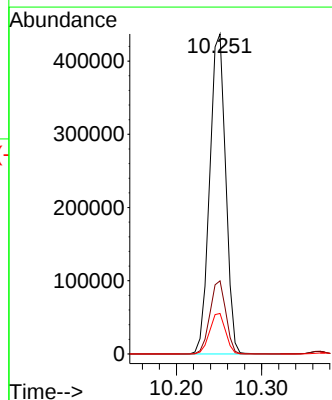
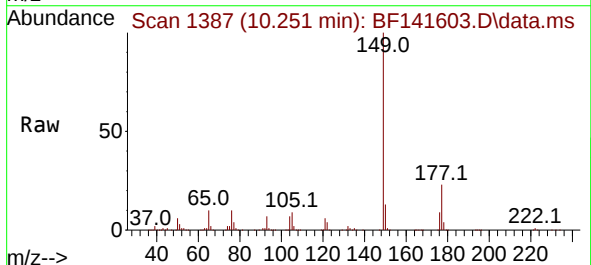
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

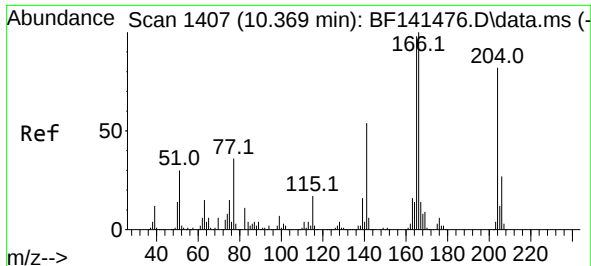
Tgt Ion:232 Resp: 146236
Ion Ratio Lower Upper
232 100
131 45.7 39.2 58.8
130 2.3 2.1 3.1
166 29.8 25.1 37.7



#60
Diethylphthalate
Concen: 40.069 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:149 Resp: 568551
Ion Ratio Lower Upper
149 100
177 22.9 17.8 26.6
150 12.6 10.1 15.1

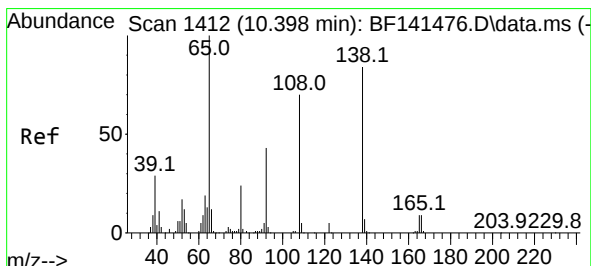
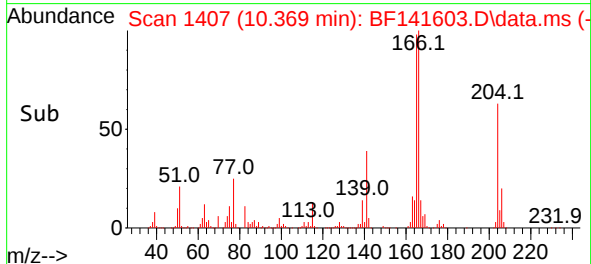
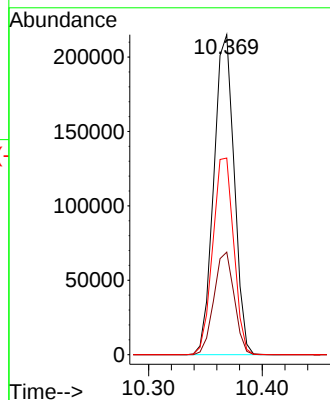
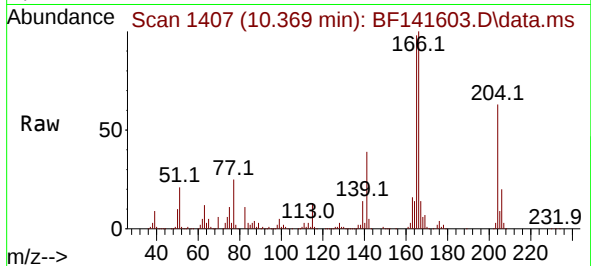




#61
4-Chlorophenyl-phenylether
Concen: 40.311 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

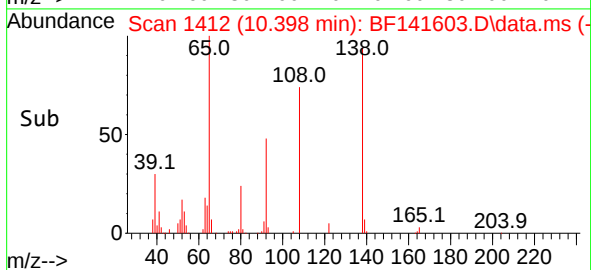
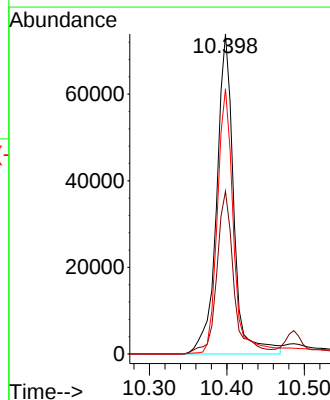
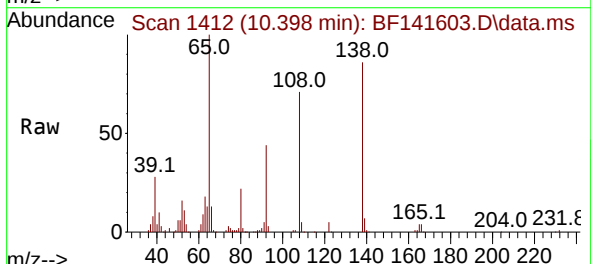
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

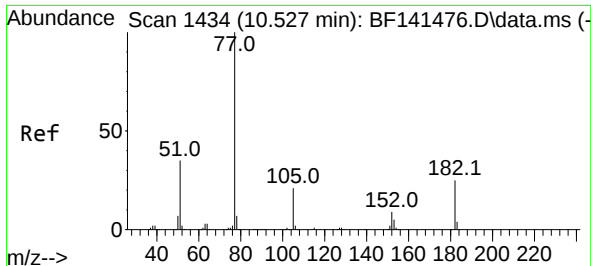
Tgt Ion:204 Resp: 268040
Ion Ratio Lower Upper
204 100
206 32.1 26.6 40.0
141 61.5 51.9 77.9



#62
4-Nitroaniline
Concen: 32.936 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.017 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:138 Resp: 113483
Ion Ratio Lower Upper
138 100
92 50.9 31.3 71.3
108 82.9 63.7 103.7

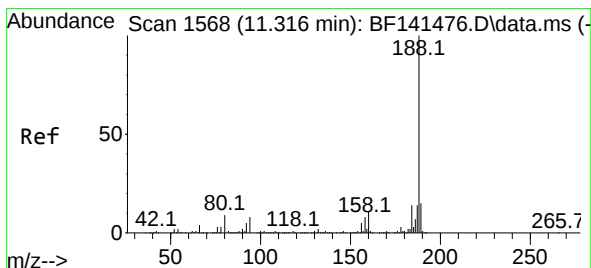
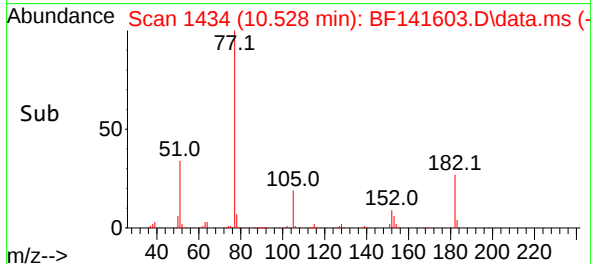
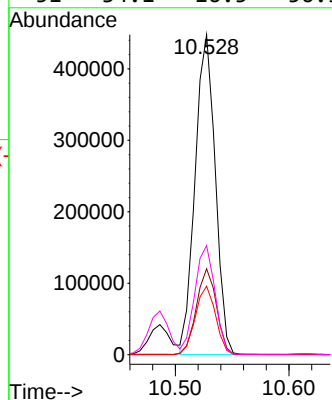
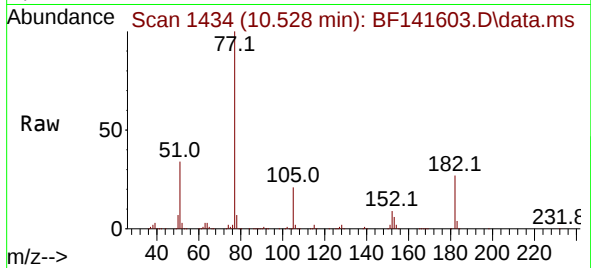




#63
Azobenzene
Concen: 39.078 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

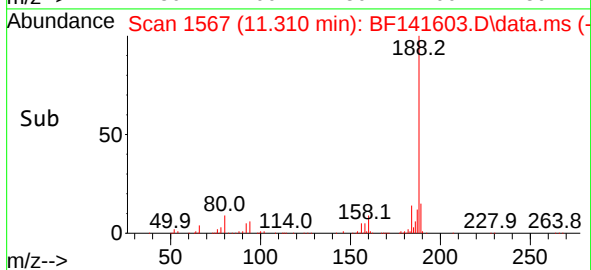
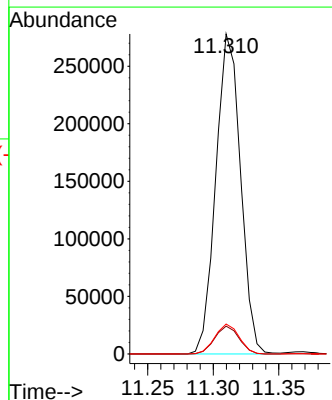
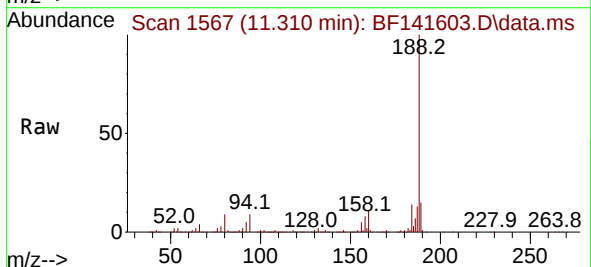
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

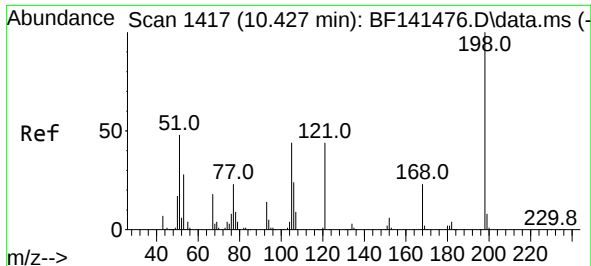
Tgt Ion:	77	Resp:	551237
Ion	Ratio	Lower	Upper
77	100		
182	26.8	4.7	44.7
105	21.4	0.4	40.4
51	34.1	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:	188	Resp:	363954
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.3	7.3	10.9

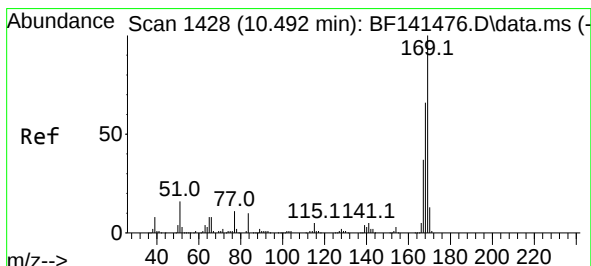
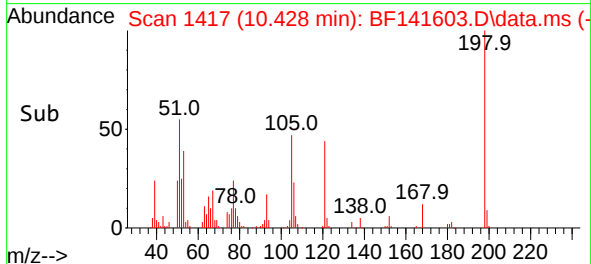
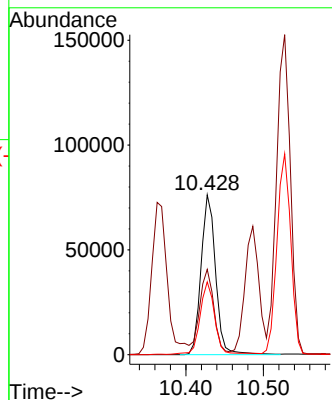
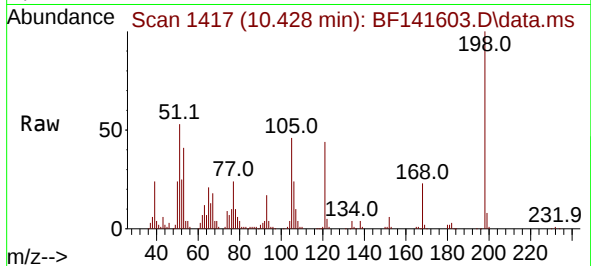




#65
4,6-Dinitro-2-methylphenol
Concen: 39.326 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

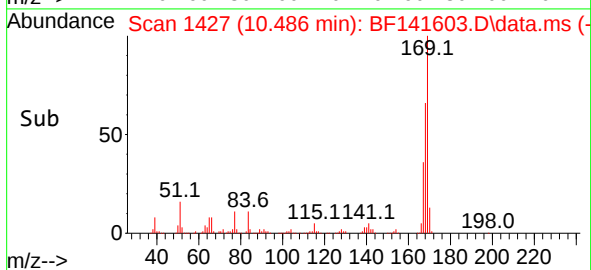
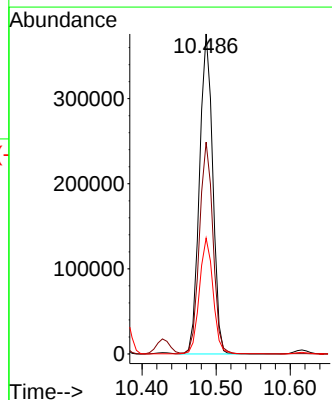
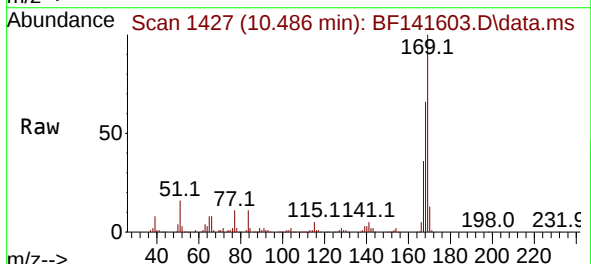
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

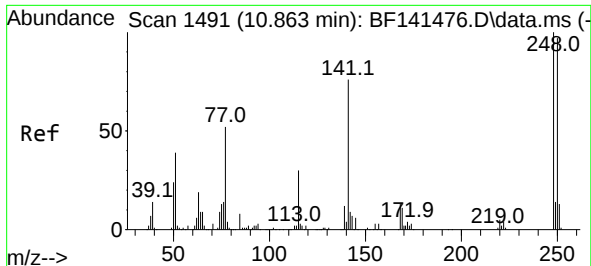
Tgt Ion:198 Resp: 99425
Ion Ratio Lower Upper
198 100
51 53.4 37.4 77.4
105 45.6 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 40.016 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:169 Resp: 466206
Ion Ratio Lower Upper
169 100
168 66.2 53.3 79.9
167 36.2 29.4 44.2

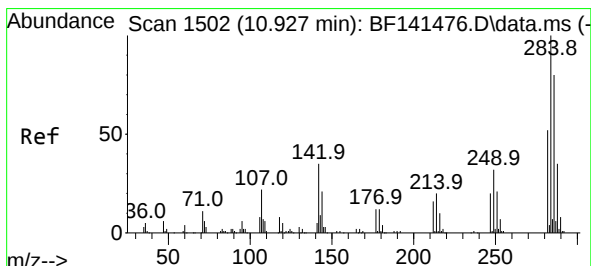
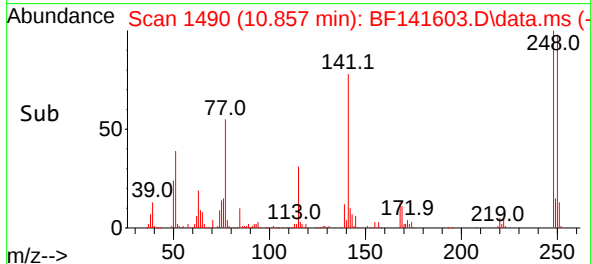
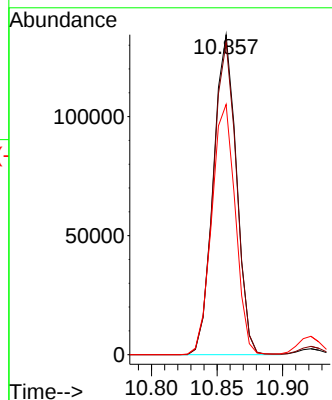
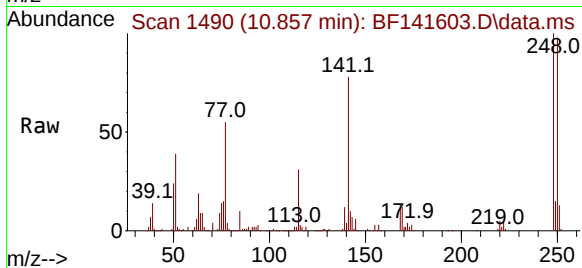




#67
4-Bromophenyl-phenylether
Concen: 40.437 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

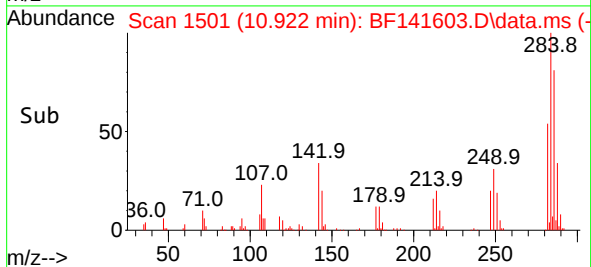
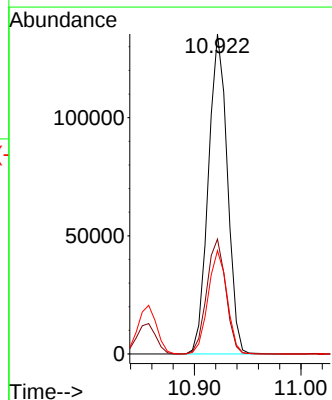
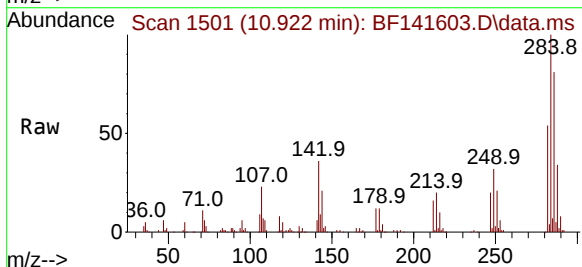
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

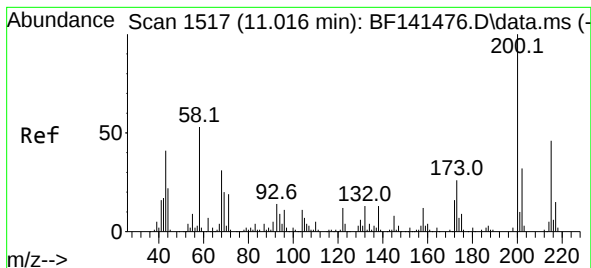
Tgt Ion:248 Resp: 164484
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.6
141 78.2 60.6 90.8



#68
Hexachlorobenzene
Concen: 40.203 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:284 Resp: 168395
Ion Ratio Lower Upper
284 100
142 35.9 28.0 42.0
249 32.2 25.8 38.8





#69

Atrazine

Concen: 33.481 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

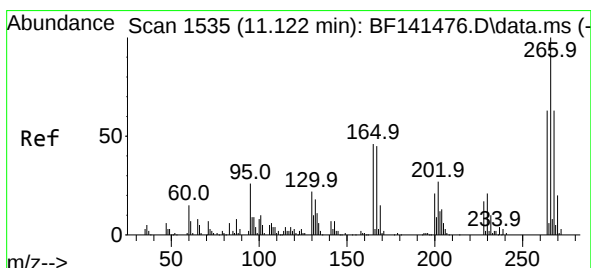
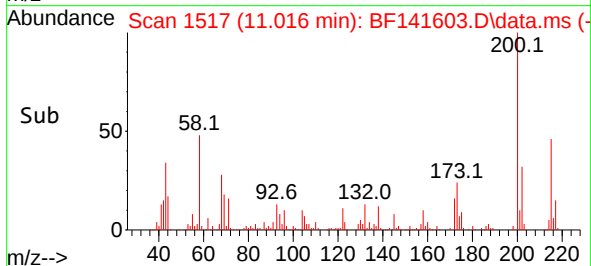
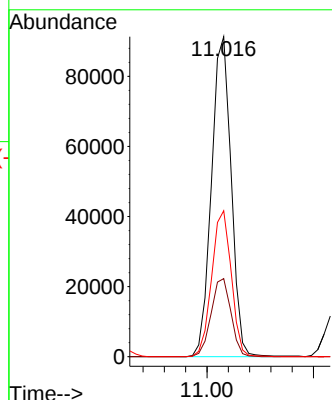
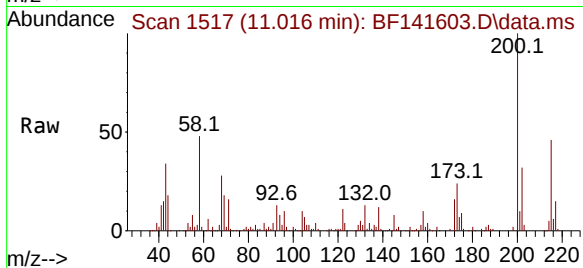
Tgt Ion:200 Resp: 117022

Ion Ratio Lower Upper

200 100

173 24.4 5.9 45.9

215 45.6 25.9 65.9



#70

Pentachlorophenol

Concen: 37.062 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

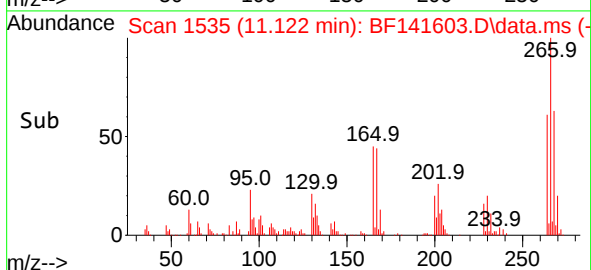
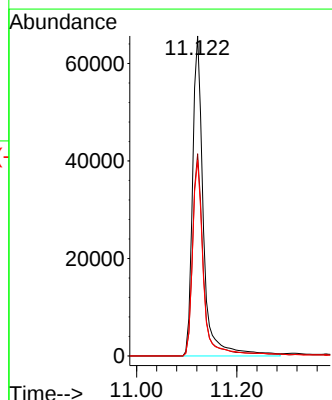
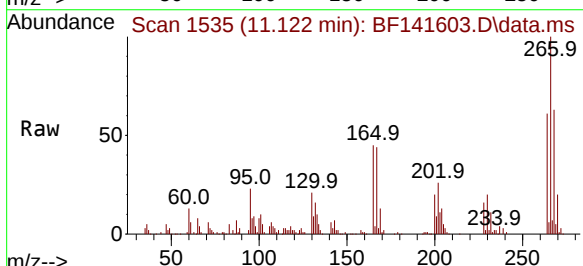
Tgt Ion:266 Resp: 99261

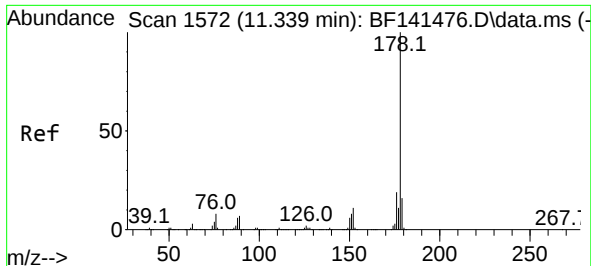
Ion Ratio Lower Upper

266 100

268 63.2 50.1 75.1

264 61.3 50.1 75.1

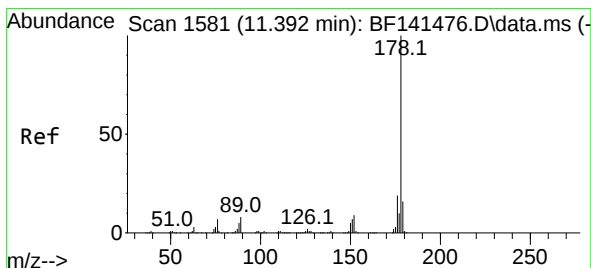
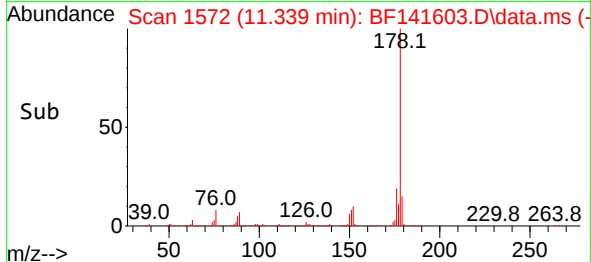
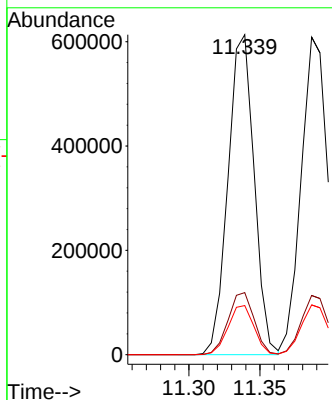
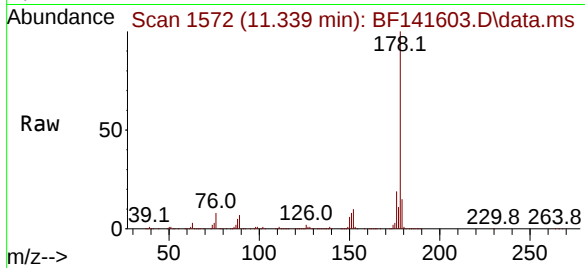




#71
Phenanthrene
Concen: 39.299 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

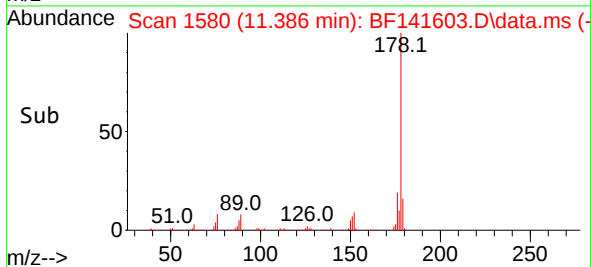
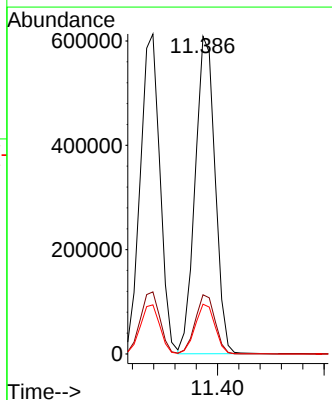
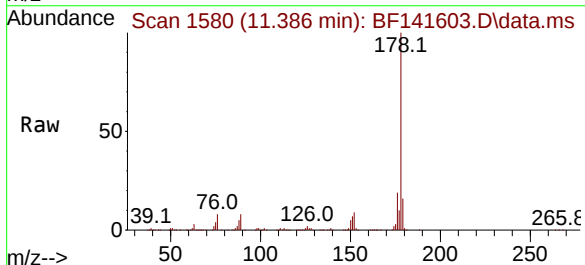
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

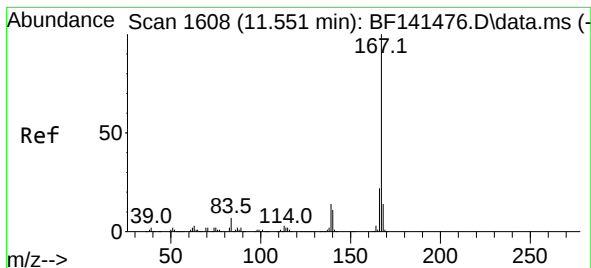
Tgt Ion:178 Resp: 787310
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 39.340 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:178 Resp: 792280
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.7 12.4 18.6





#73

Carbazole

Concen: 38.398 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

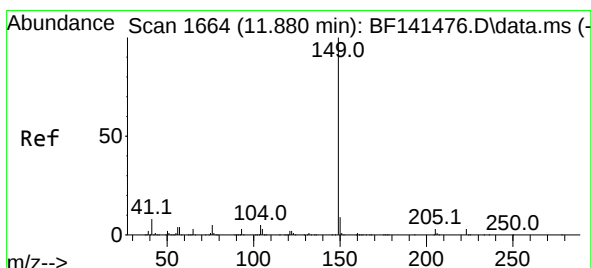
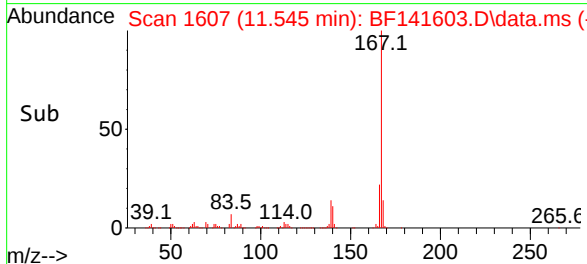
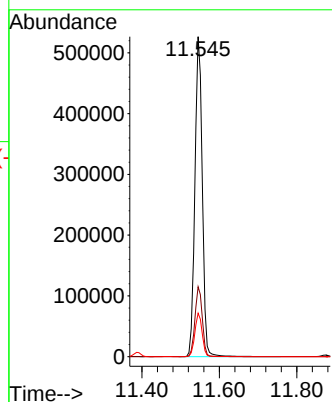
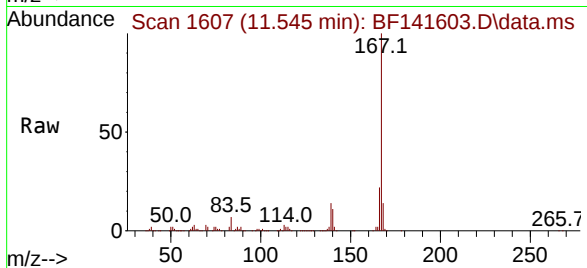
Tgt Ion:167 Resp: 695808

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 40.259 ng

RT: 11.875 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

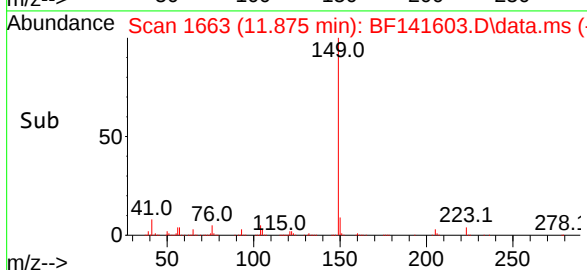
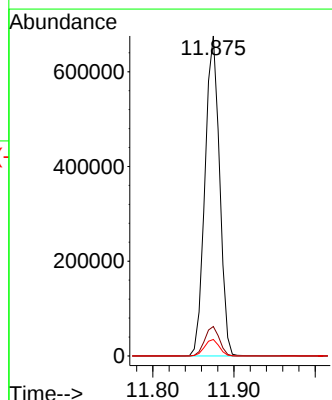
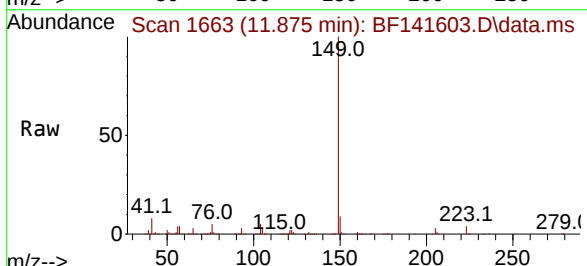
Tgt Ion:149 Resp: 842366

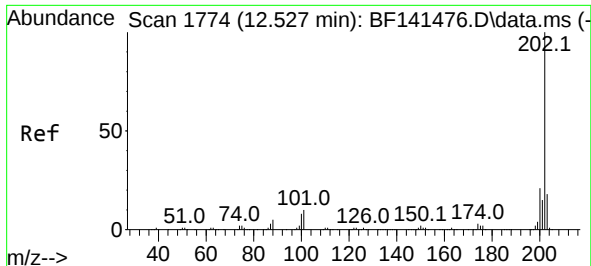
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.2 6.2

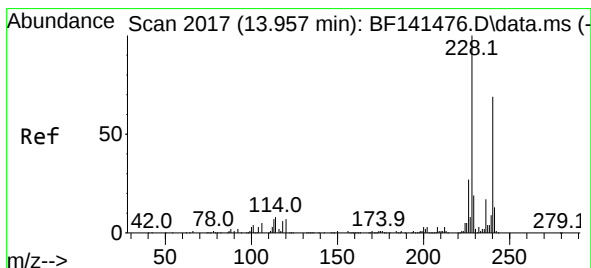
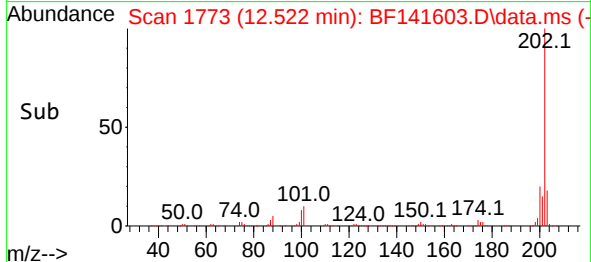
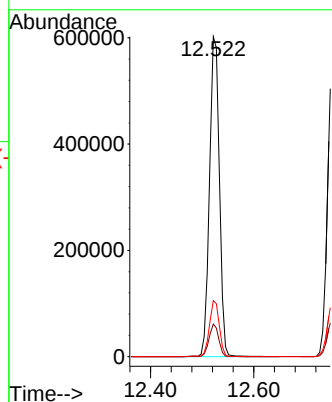
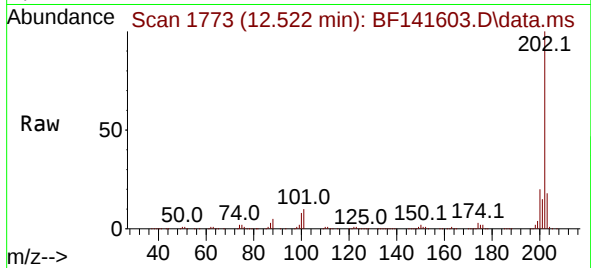




#75
Fluoranthene
Concen: 37.671 ng
RT: 12.522 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

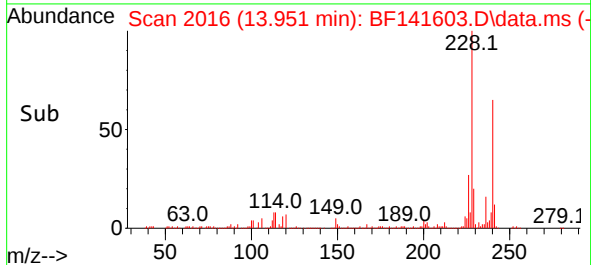
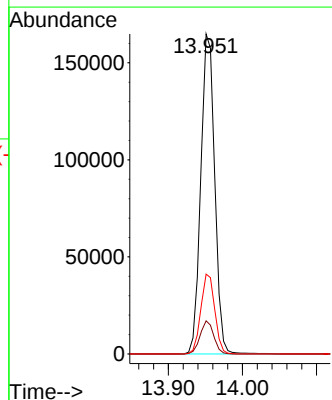
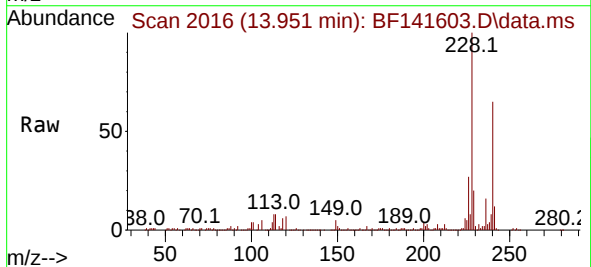
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

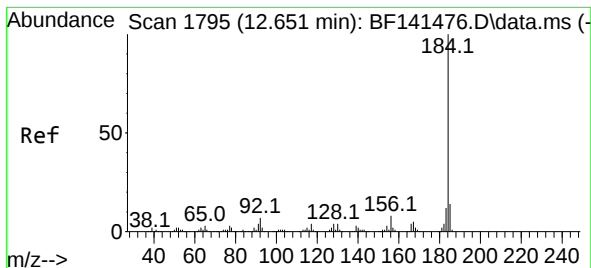
Tgt Ion:202 Resp: 800139
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:240 Resp: 215290
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 19.8 29.8





#77

Benzidine

Concen: 17.147 ng

RT: 12.663 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

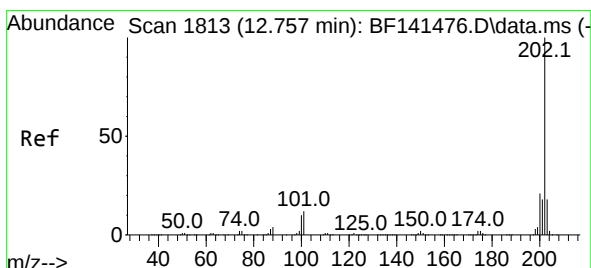
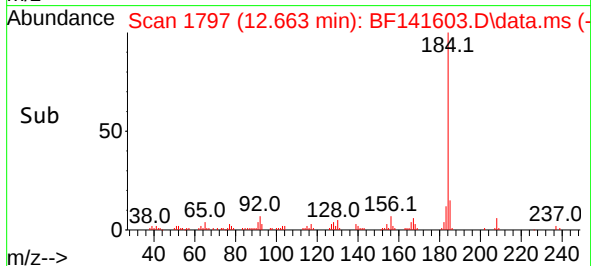
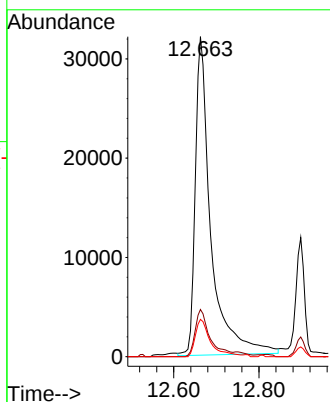
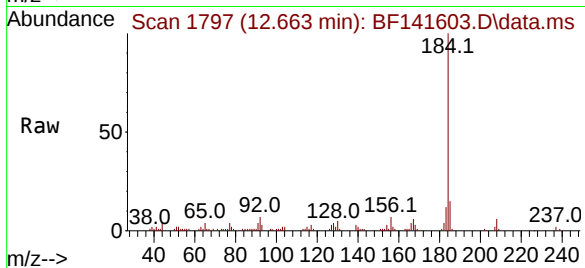
Tgt Ion:184 Resp: 81417

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

183 11.7 9.3 13.9



#78

Pyrene

Concen: 43.747 ng

RT: 12.751 min Scan# 1812

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

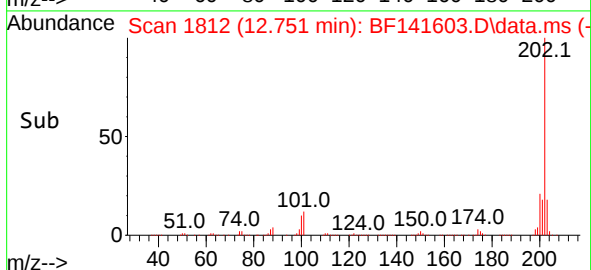
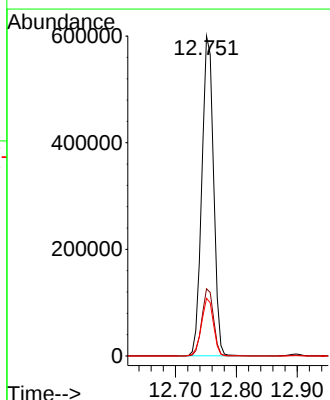
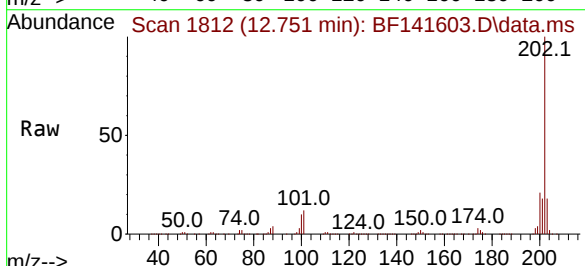
Tgt Ion:202 Resp: 801756

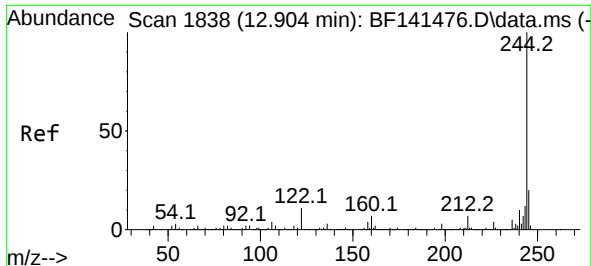
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.4

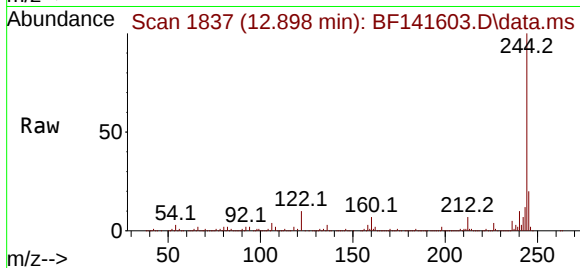
203 18.0 14.3 21.5



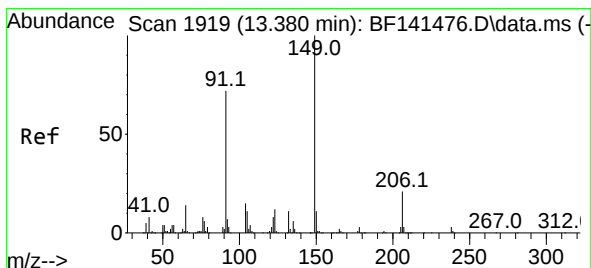
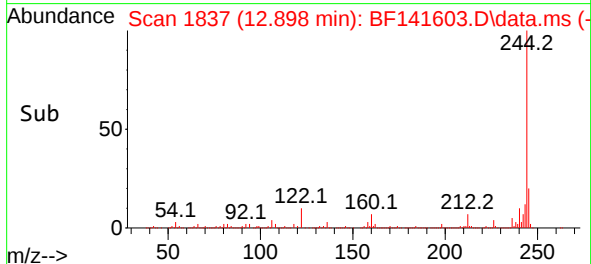
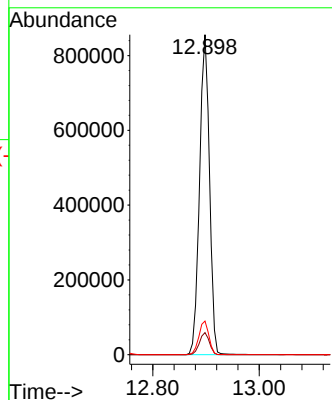


#79
 Terphenyl-d14
 Concen: 86.896 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

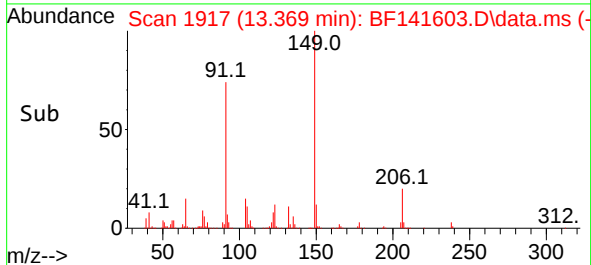
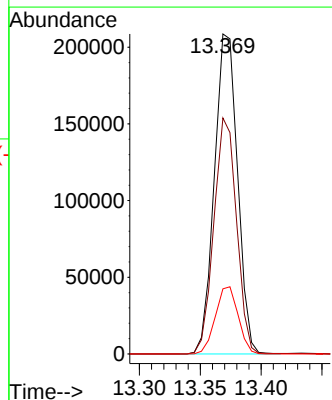
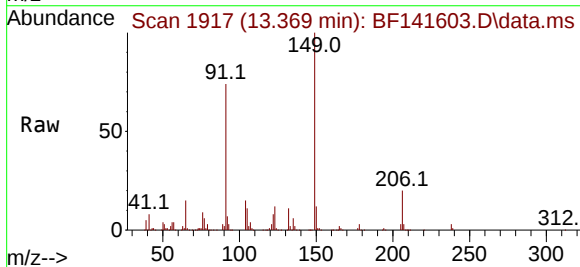


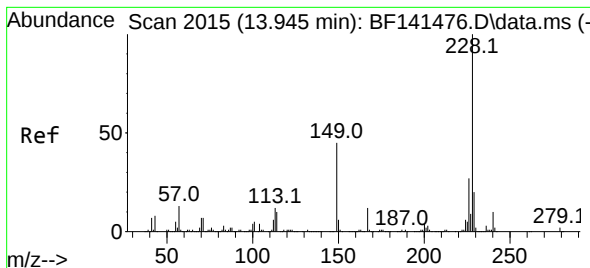
Tgt Ion:244 Resp: 1108169
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.5 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 43.590 ng
 RT: 13.369 min Scan# 1917
 Delta R.T. -0.012 min
 Lab File: BF141603.D
 Acq: 13 Feb 2025 10:07

Tgt Ion:149 Resp: 276706
 Ion Ratio Lower Upper
 149 100
 91 73.7 57.8 86.8
 206 20.3 16.7 25.1

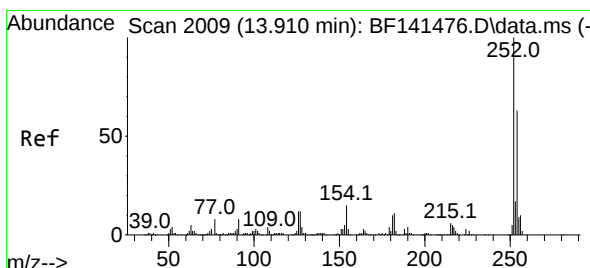
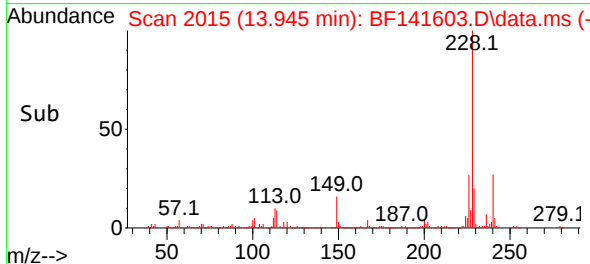
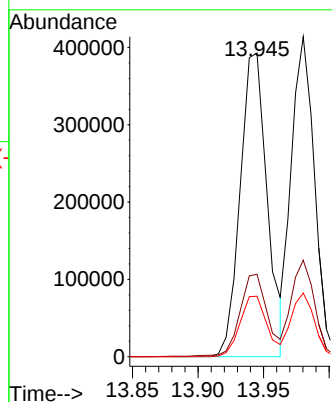
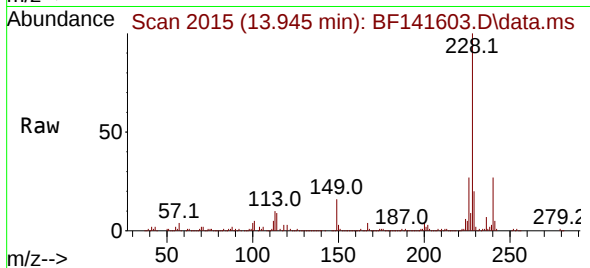




#81
Benzo(a)anthracene
Concen: 39.426 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

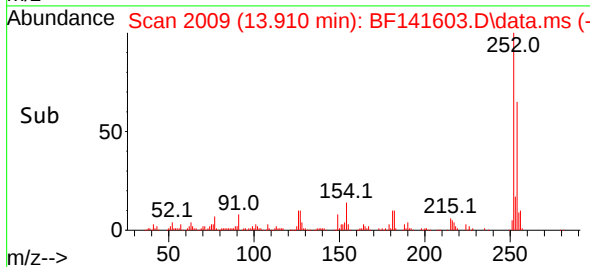
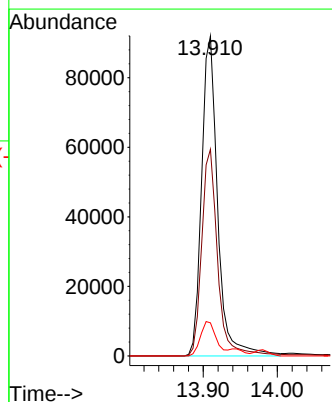
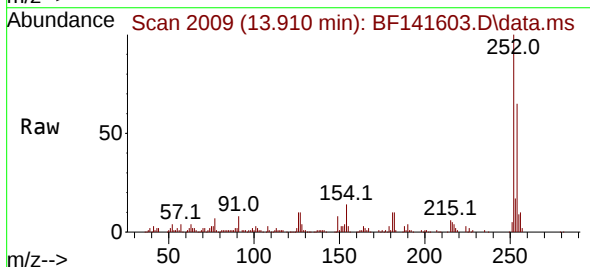
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

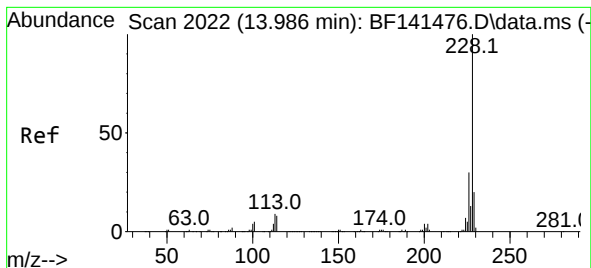
Tgt Ion:228 Resp: 564233
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 33.774 ng
RT: 13.910 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:252 Resp: 138454
Ion Ratio Lower Upper
252 100
254 64.6 50.6 76.0
126 10.4 9.3 13.9





#83

Chrysene

Concen: 38.447 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

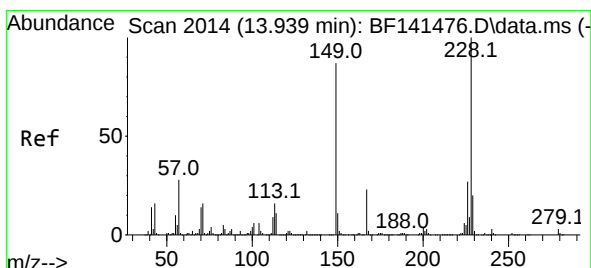
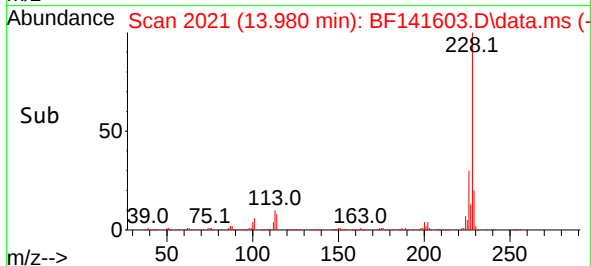
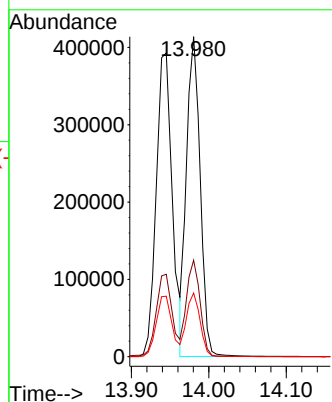
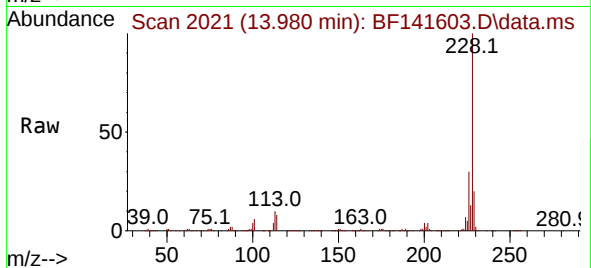
Tgt Ion:228 Resp: 508042

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.802 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

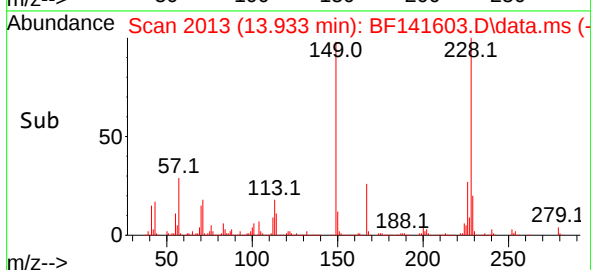
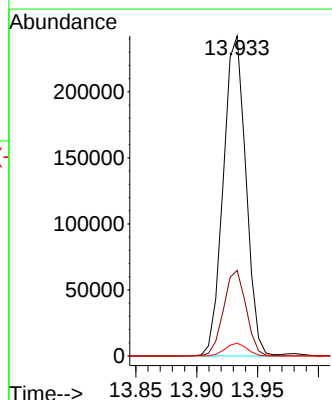
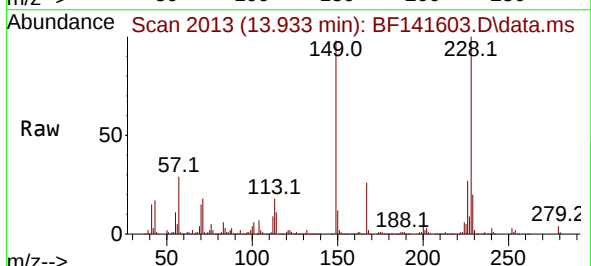
Tgt Ion:149 Resp: 313602

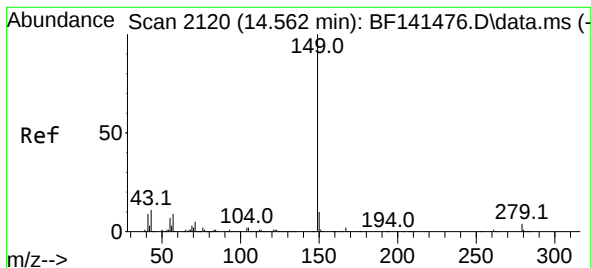
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 43.969 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

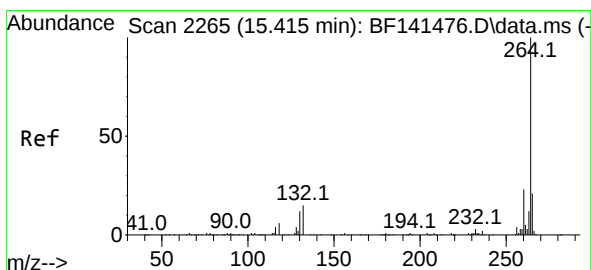
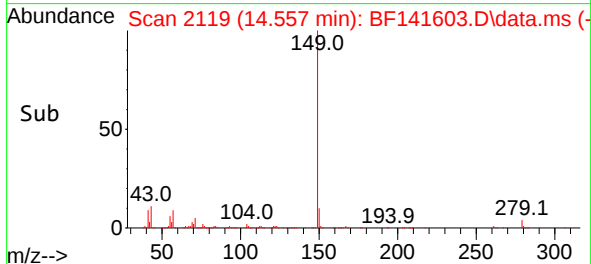
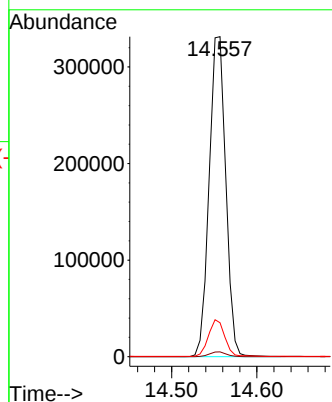
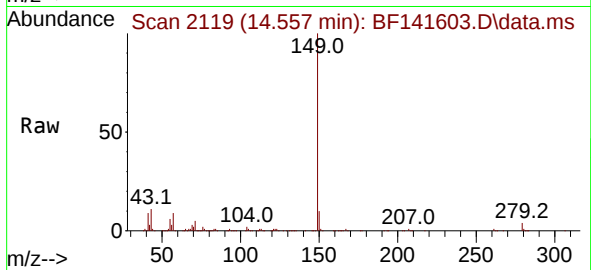
Tgt Ion:149 Resp: 449081

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.2 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

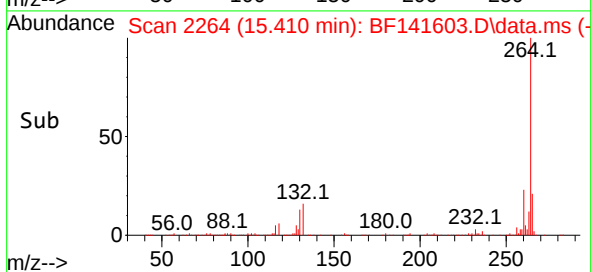
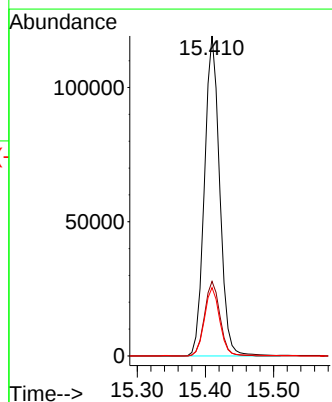
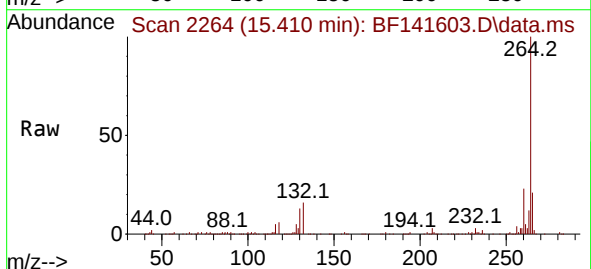
Tgt Ion:264 Resp: 184975

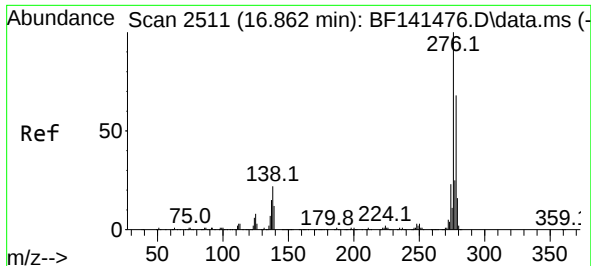
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.3 17.0 25.4

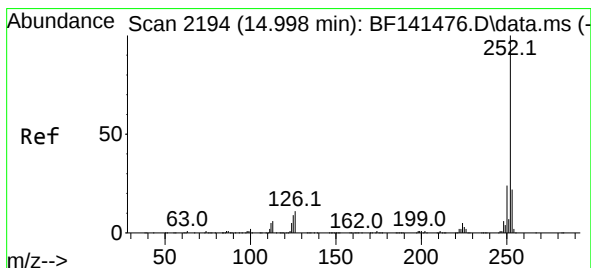
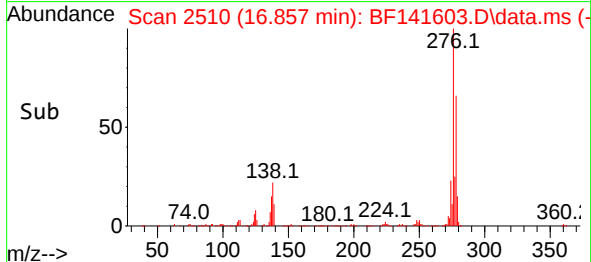
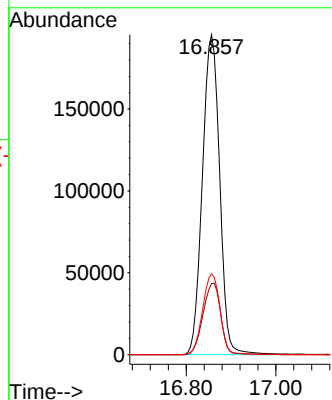
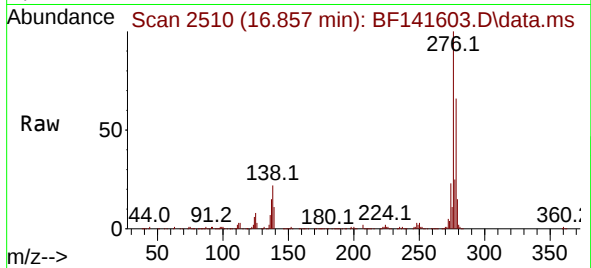




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.698 ng
RT: 16.857 min Scan# 2110
Delta R.T. -0.017 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

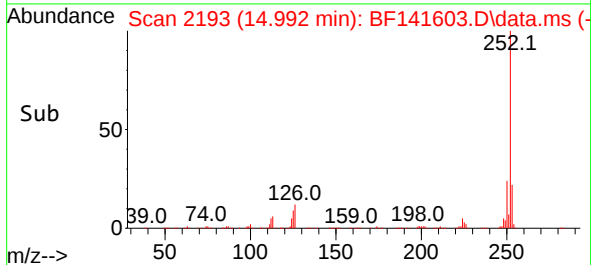
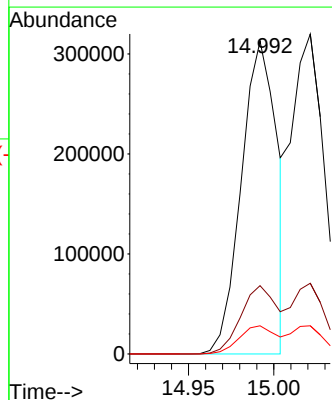
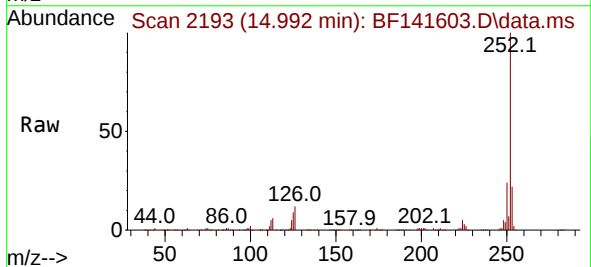
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

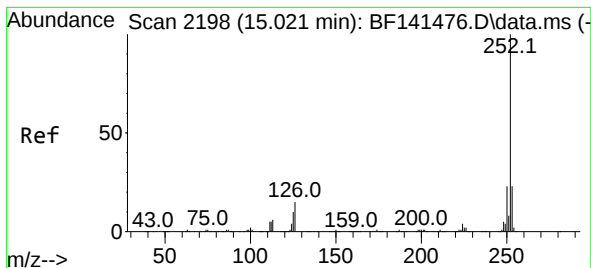
Tgt Ion:276 Resp: 522306
Ion Ratio Lower Upper
276 100
138 23.1 18.0 27.0
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 36.634 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.012 min
Lab File: BF141603.D
Acq: 13 Feb 2025 10:07

Tgt Ion:252 Resp: 454999
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 41.201 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

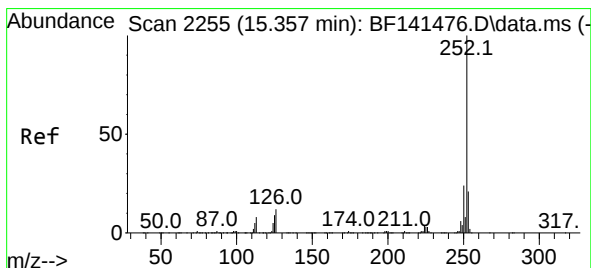
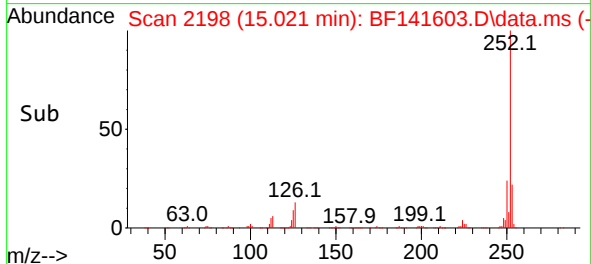
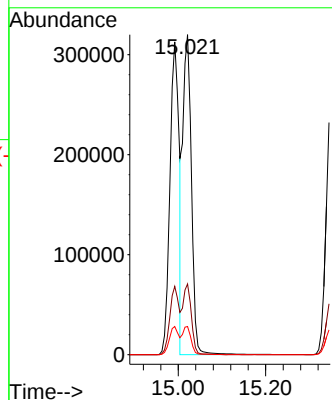
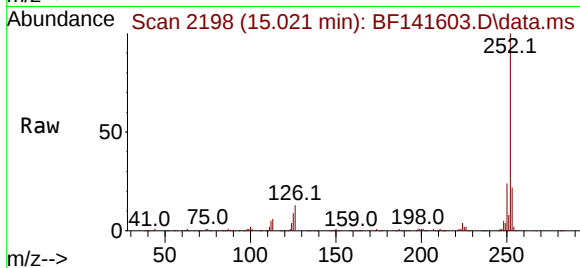
Tgt Ion:252 Resp: 436966

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 8.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 39.815 ng

RT: 15.351 min Scan# 2254

Delta R.T. -0.012 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

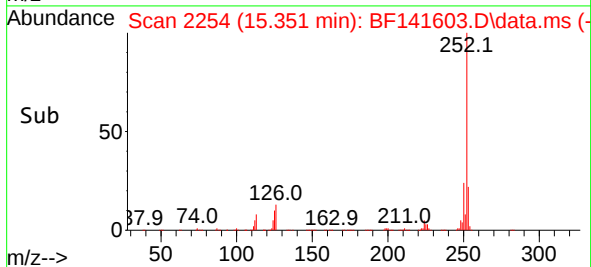
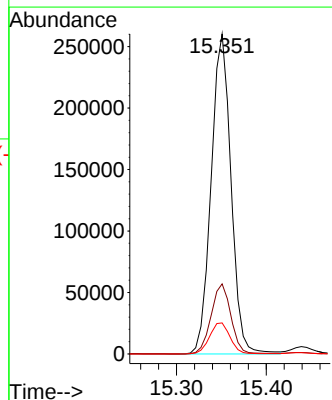
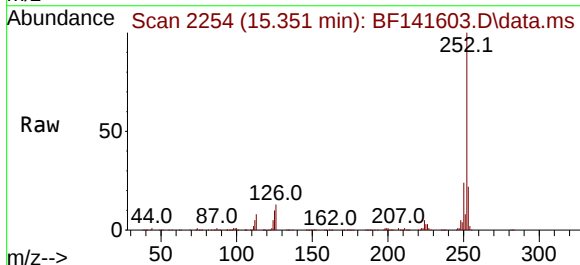
Tgt Ion:252 Resp: 400141

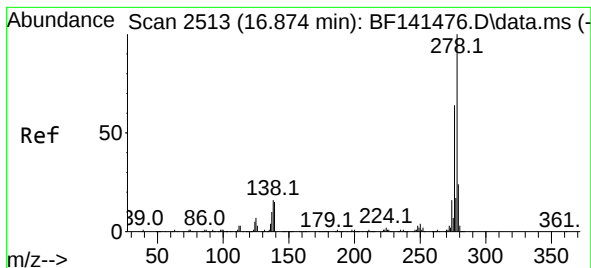
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 9.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 46.039 ng

RT: 16.868 min Scan# 2513

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

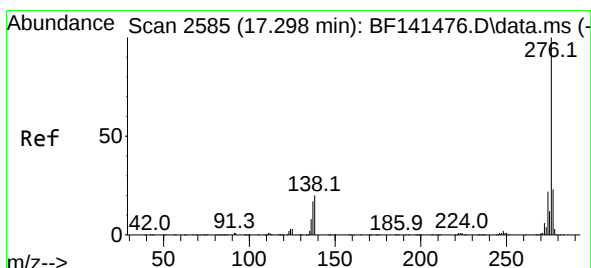
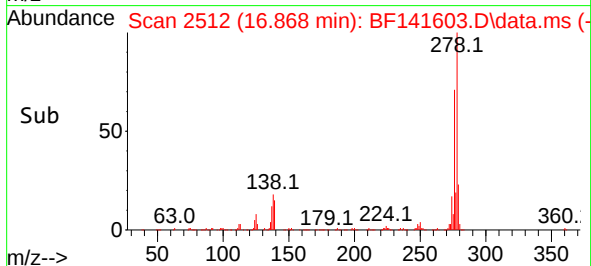
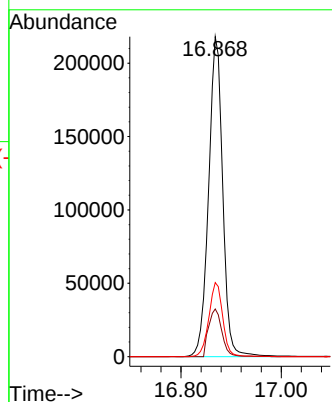
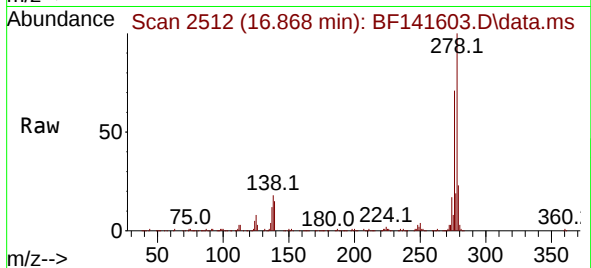
Tgt Ion:278 Resp: 426370

Ion Ratio Lower Upper

278 100

139 14.9 11.8 17.6

279 23.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 45.759 ng

RT: 17.292 min Scan# 2584

Delta R.T. -0.023 min

Lab File: BF141603.D

Acq: 13 Feb 2025 10:07

Tgt Ion:276 Resp: 443471

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 19.9 15.9 23.9

