

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136660.D
 Acq On : 21 Dec 2023 09:22
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 21 10:48:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	70723	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	274399	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	145206	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	279756	20.000	ng	0.00
76) Chrysene-d12	13.968	240	157374	20.000	ng	0.00
86) Perylene-d12	15.439	264	136757	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	364983	80.522	ng	0.00
7) Phenol-d6	6.440	99	465997	79.342	ng	0.00
23) Nitrobenzene-d5	7.357	82	436575	81.414	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	135637	79.314	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	869976	80.582	ng	0.00
79) Terphenyl-d14	12.910	244	910045	80.811	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	75411	39.930	ng	98
3) Pyridine	3.304	79	189419	41.107	ng	96
4) n-Nitrosodimethylamine	3.275	42	96737	39.312	ng	96
6) Aniline	6.463	93	236607	40.293	ng	97
8) 2-Chlorophenol	6.581	128	198748	40.068	ng	97
9) Benzaldehyde	6.351	77	133303	39.902	ng	99
10) Phenol	6.451	94	249806	39.843	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	190184	39.887	ng	99
12) 1,3-Dichlorobenzene	6.734	146	216876	40.080	ng	98
13) 1,4-Dichlorobenzene	6.810	146	216908	39.231	ng	96
14) 1,2-Dichlorobenzene	6.963	146	207219	40.277	ng	98
15) Benzyl Alcohol	6.940	79	155217	39.173	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	312698	40.113	ng	96
17) 2-Methylphenol	7.051	107	163927	39.892	ng	99
18) Hexachloroethane	7.298	117	79655	39.670	ng	97
19) n-Nitroso-di-n-propyla...	7.210	70	139135	39.079	ng	97
20) 3+4-Methylphenols	7.204	107	199609	38.882	ng	94
22) Acetophenone	7.204	105	278887	40.549	ng	97
24) Nitrobenzene	7.375	77	220115	40.977	ng	100
25) Isophorone	7.610	82	395734	40.557	ng	99
26) 2-Nitrophenol	7.687	139	106135	41.297	ng	90
27) 2,4-Dimethylphenol	7.728	122	128819	41.171	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	241931	40.791	ng	99
29) 2,4-Dichlorophenol	7.934	162	164583	40.858	ng	96
30) 1,2,4-Trichlorobenzene	8.010	180	184378	41.081	ng	98
31) Naphthalene	8.092	128	609702	40.445	ng	100
32) Benzoic acid	7.857	122	94193	31.113	ng	98
33) 4-Chloroaniline	8.145	127	224768	40.383	ng	96
34) Hexachlorobutadiene	8.204	225	112353	41.203	ng	98
35) Caprolactam	8.522	113	54944	41.346	ng	96
36) 4-Chloro-3-methylphenol	8.628	107	185007	40.797	ng	96
37) 2-Methylnaphthalene	8.781	142	395787	40.796	ng	97
38) 1-Methylnaphthalene	8.881	142	385557	40.508	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	183009	40.696	ng	98
41) Hexachlorocyclopentadiene	8.934	237	51702	38.749	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	117521	40.750	ng	98

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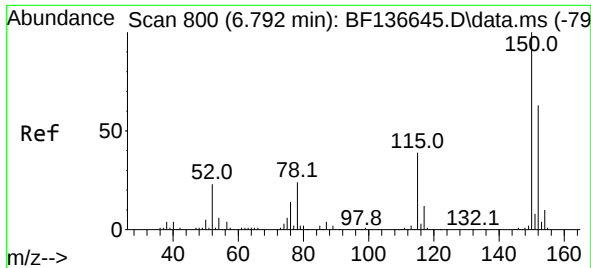
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	134444	41.833	ng	93
46) 1,1'-Biphenyl	9.251	154	499425	40.987	ng	98
47) 2-Chloronaphthalene	9.275	162	376552	40.650	ng	98
48) 2-Nitroaniline	9.375	65	119222	41.100	ng	93
49) Acenaphthylene	9.686	152	579038	40.896	ng	100
50) Dimethylphthalate	9.551	163	426268	40.190	ng	99
51) 2,6-Dinitrotoluene	9.616	165	98585	40.956	ng	86
52) Acenaphthene	9.863	154	352371	40.148	ng	99
53) 3-Nitroaniline	9.786	138	104502	40.983	ng	95
54) 2,4-Dinitrophenol	9.892	184	44892	35.815	ng #	87
55) Dibenzofuran	10.033	168	536754	40.344	ng	97
56) 4-Nitrophenol	9.951	139	69183	40.192	ng	95
57) 2,4-Dinitrotoluene	10.022	165	129495	41.440	ng #	98
58) Fluorene	10.375	166	421538	39.932	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100013	40.427	ng	100
60) Diethylphthalate	10.251	149	442881	40.245	ng	98
61) 4-Chlorophenyl-phenylether	10.369	204	201396	39.250	ng	99
62) 4-Nitroaniline	10.404	138	103443	42.082	ng	97
63) Azobenzene	10.528	77	415884	40.462	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	67855	42.323	ng	87
66) n-Nitrosodiphenylamine	10.492	169	362432	39.881	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	126226	40.628	ng	94
68) Hexachlorobenzene	10.922	284	141691	40.923	ng	95
69) Atrazine	11.016	200	77516	33.349	ng	98
70) Pentachlorophenol	11.122	266	66991	41.510	ng	97
71) Phenanthrene	11.339	178	582151	40.555	ng	99
72) Anthracene	11.392	178	588095	40.454	ng	99
73) Carbazole	11.551	167	559949	40.854	ng	99
74) Di-n-butylphthalate	11.886	149	697047	41.678	ng	99
75) Fluoranthene	12.533	202	625526	40.739	ng	98
77) Benzidine	12.657	184	194623	41.942	ng	98
78) Pyrene	12.763	202	634755	41.087	ng	100
80) Butylbenzylphthalate	13.386	149	242019	43.053	ng	94
81) Benzo(a)anthracene	13.957	228	447271	40.929	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	124844	40.228	ng #	98
83) Chrysene	13.998	228	439802	41.156	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	302424	42.759	ng	99
85) Di-n-octyl phthalate	14.568	149	457174	41.787	ng	100
87) Indeno(1,2,3-cd)pyrene	16.939	276	385792	39.071	ng	100
88) Benzo(b)fluoranthene	15.010	252	384129	42.054	ng	98
89) Benzo(k)fluoranthene	15.039	252	331729	38.435	ng	99
90) Benzo(a)pyrene	15.380	252	308941	40.069	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	320061	39.510	ng	98
92) Benzo(g,h,i)perylene	17.398	276	321908	38.799	ng	98

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

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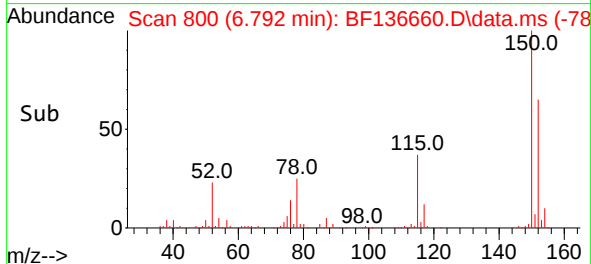
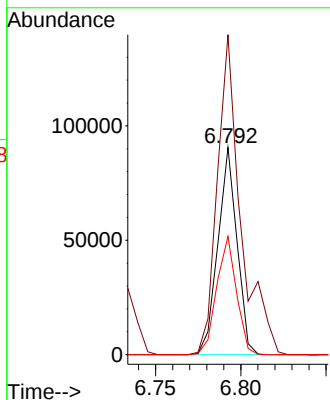
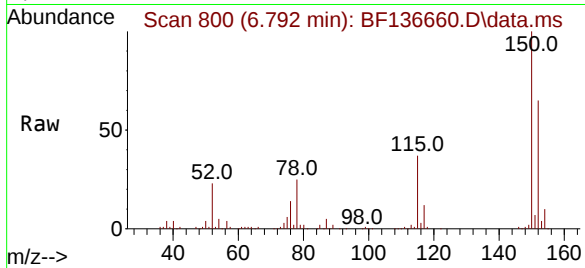




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

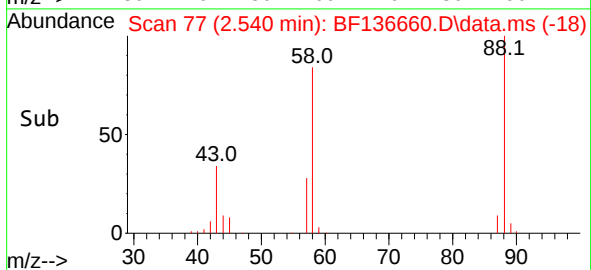
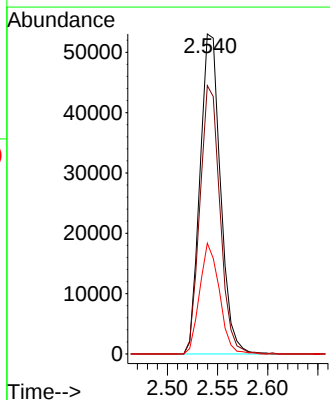
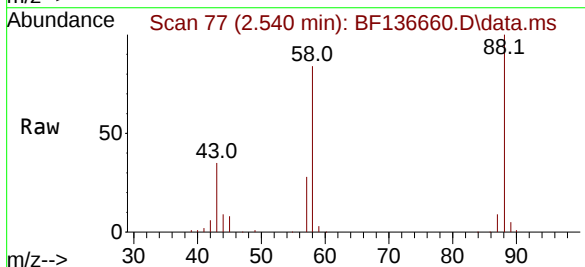
Instrument :
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 ClientSampleId :
 SSTDCCC040

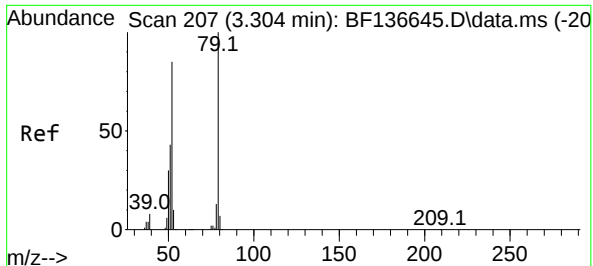
Tgt Ion:152 Resp: 70723
 Ion Ratio Lower Upper
 152 100
 150 154.4 127.0 190.6
 115 57.1 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.930 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

Tgt Ion: 88 Resp: 75411
 Ion Ratio Lower Upper
 88 100
 58 82.5 67.4 101.0
 43 33.4 27.7 41.5

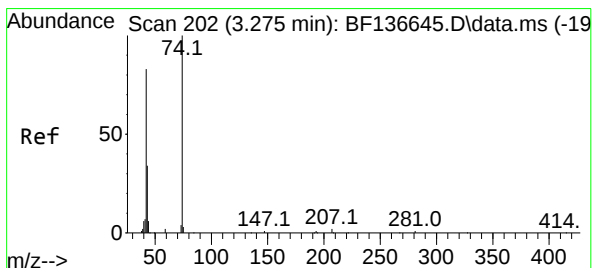
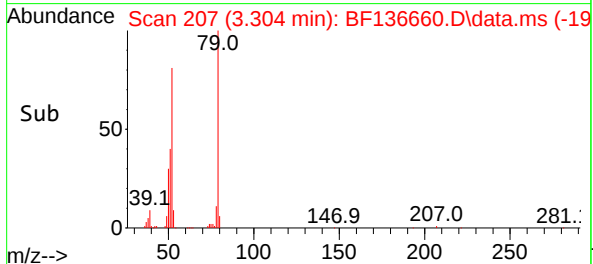
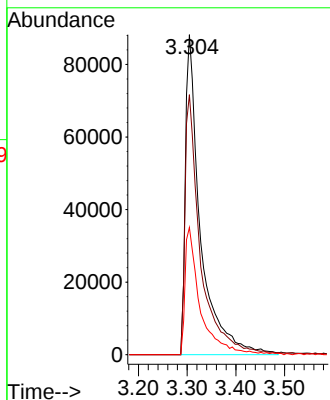
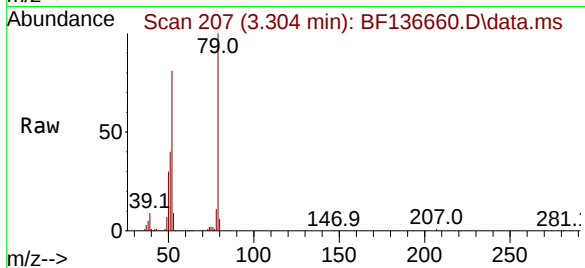




#3
 Pyridine
 Concen: 41.107 ng
 RT: 3.304 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

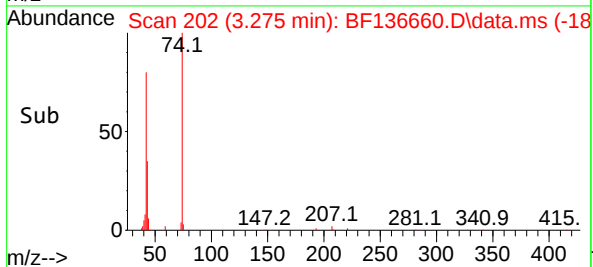
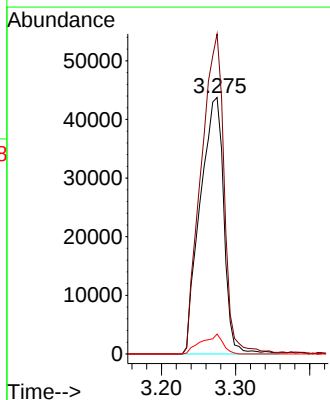
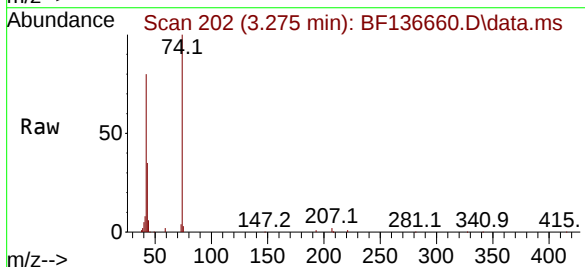
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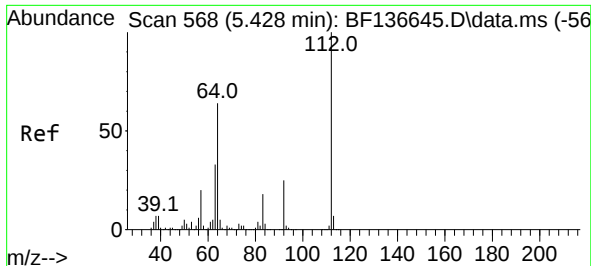
Tgt Ion: 79 Resp: 189419
 Ion Ratio Lower Upper
 79 100
 52 81.3 67.7 101.5
 51 39.8 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 39.312 ng
 RT: 3.275 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

Tgt Ion: 42 Resp: 96737
 Ion Ratio Lower Upper
 42 100
 74 124.7 96.0 144.0
 44 7.7 5.4 8.2

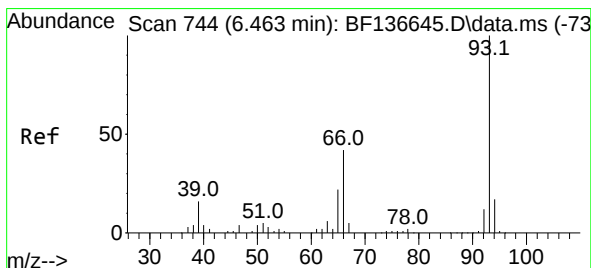
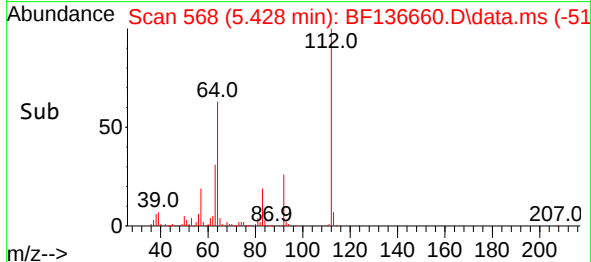
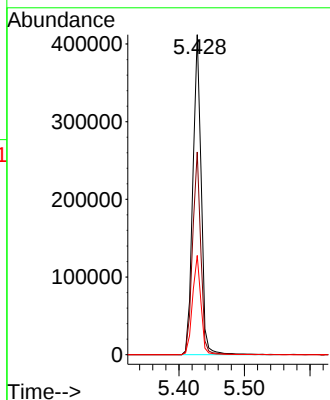
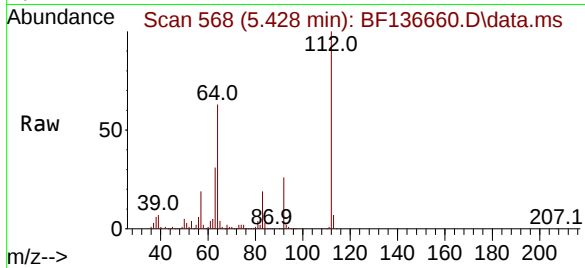




#5
2-Fluorophenol
Concen: 80.522 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

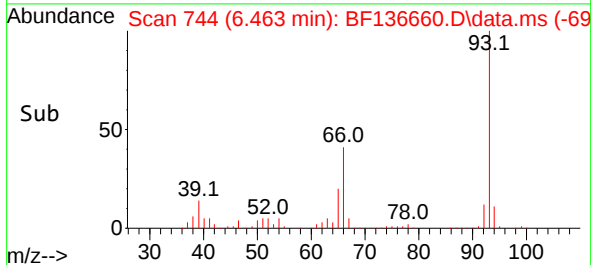
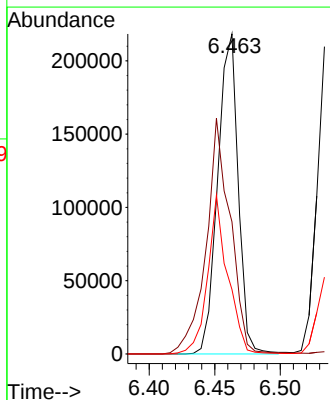
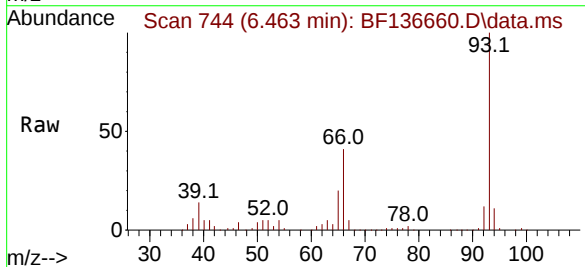
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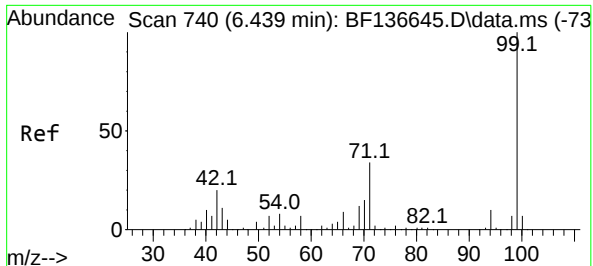
Tgt Ion:112 Resp: 364983
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 31.0 26.1 39.1



#6
Aniline
Concen: 40.293 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 93 Resp: 236607
Ion Ratio Lower Upper
93 100
66 41.3 34.6 51.8
65 20.1 17.8 26.8

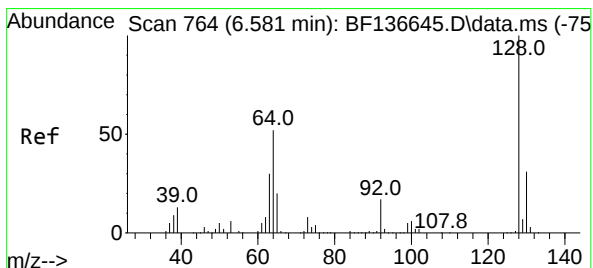
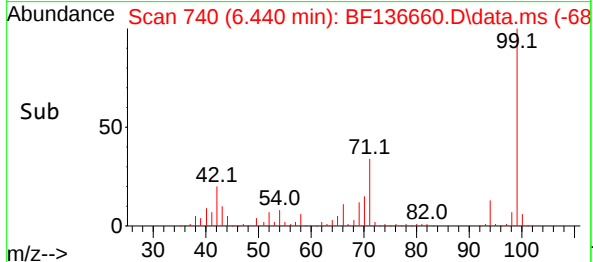
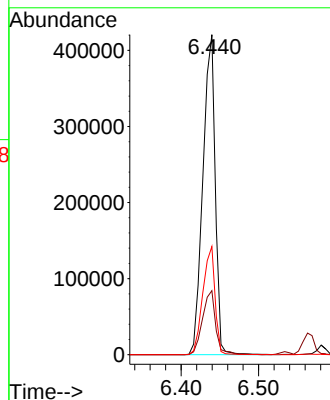
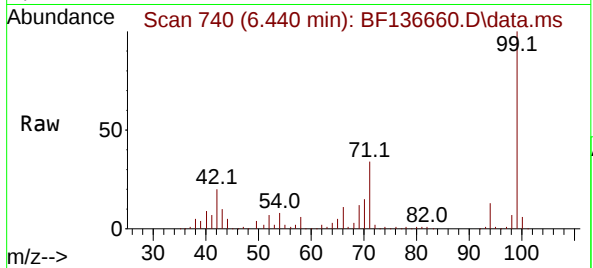




#7
Phenol-d6
Concen: 79.342 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

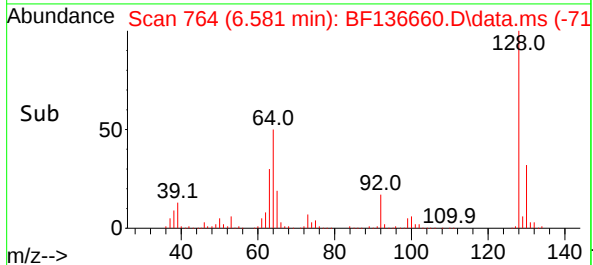
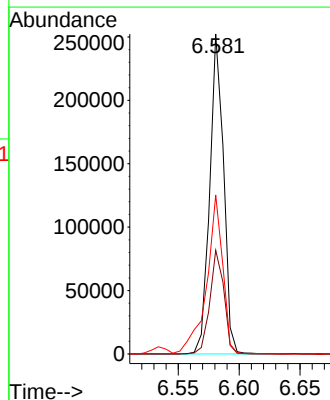
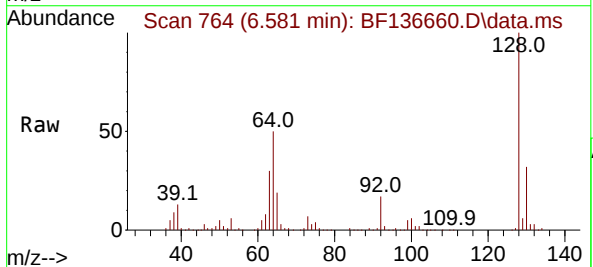
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Tgt Ion: 99 Resp: 465997
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.8 27.4 41.2



#8
2-Chlorophenol
Concen: 40.068 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 128 Resp: 198748
Ion Ratio Lower Upper
128 100
130 32.4 11.3 51.3
64 49.7 32.5 72.5





#9

Benzaldehyde

Concen: 39.902 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

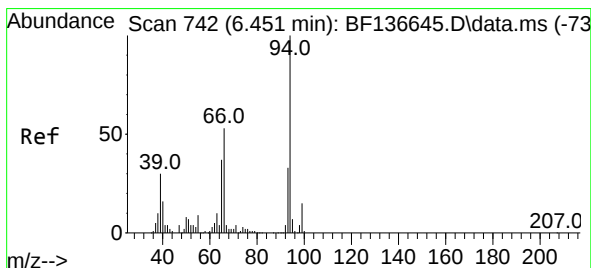
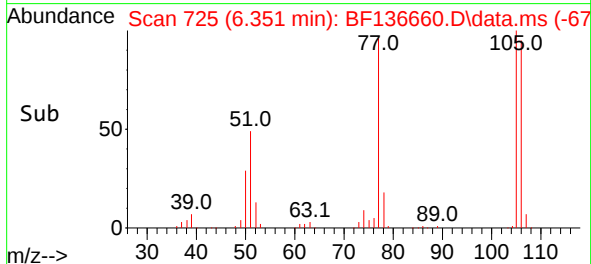
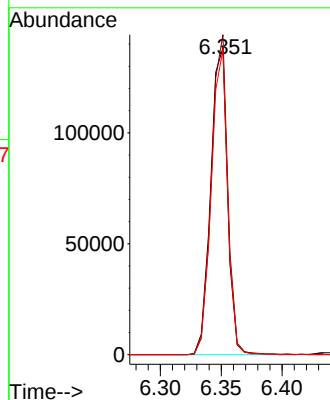
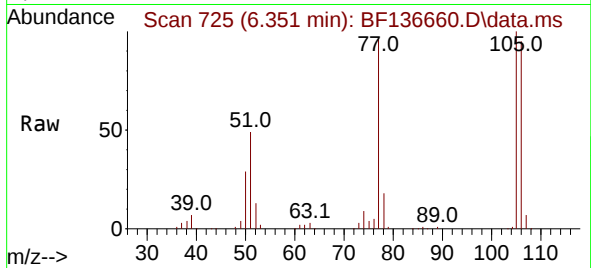
Tgt Ion: 77 Resp: 133303

Ion Ratio Lower Upper

77 100

105 104.2 84.8 124.8

106 99.4 77.8 117.8



#10

Phenol

Concen: 39.843 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

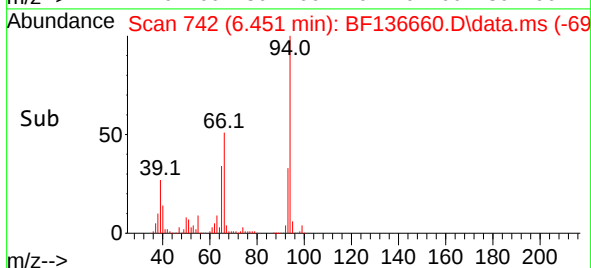
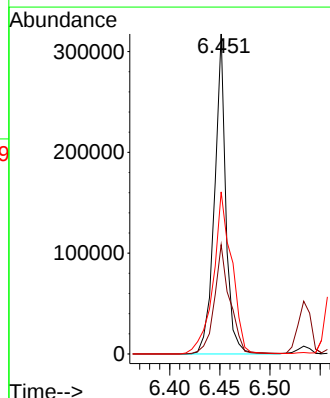
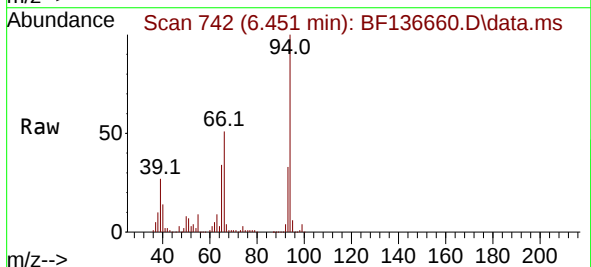
Tgt Ion: 94 Resp: 249806

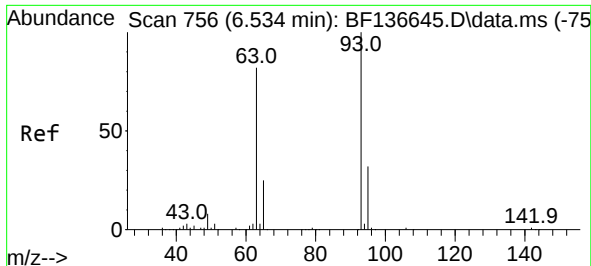
Ion Ratio Lower Upper

94 100

65 34.1 16.6 56.6

66 50.7 32.6 72.6

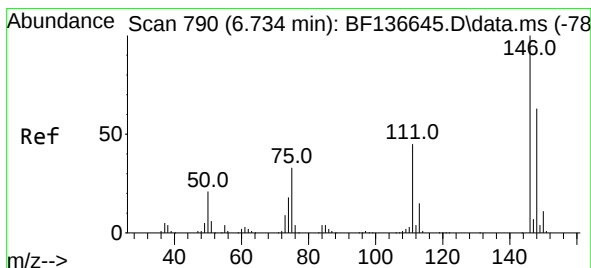
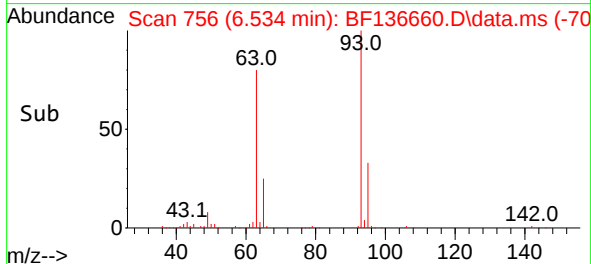
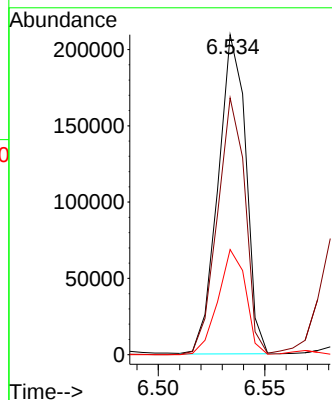
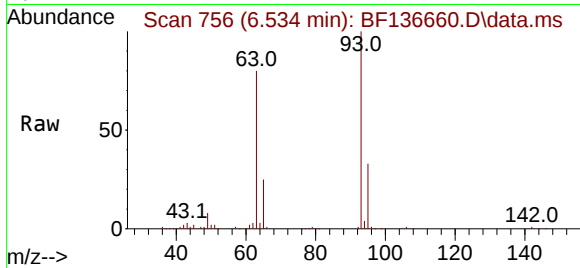




#11
bis(2-Chloroethyl)ether
Concen: 39.887 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

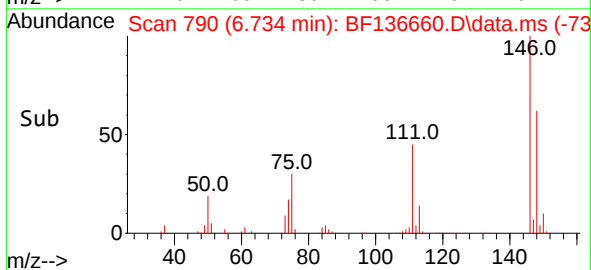
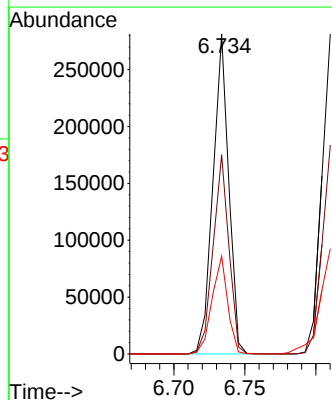
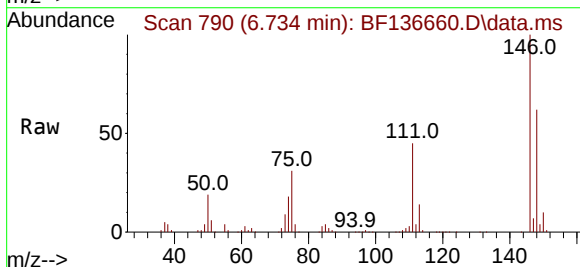
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

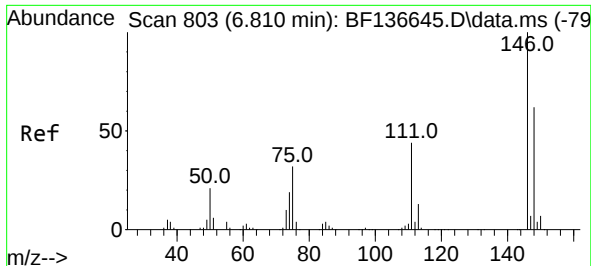
Tgt Ion: 93 Resp: 190184
Ion Ratio Lower Upper
93 100
63 80.3 61.2 101.2
95 32.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.080 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 146 Resp: 216876
Ion Ratio Lower Upper
146 100
148 62.3 50.5 75.7
75 30.6 26.2 39.4

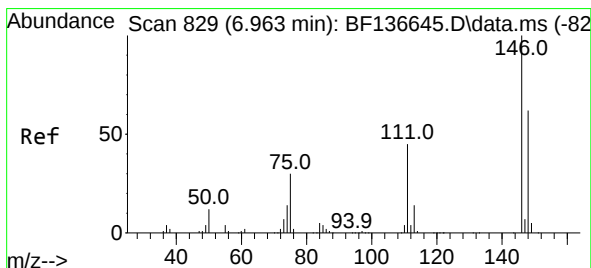
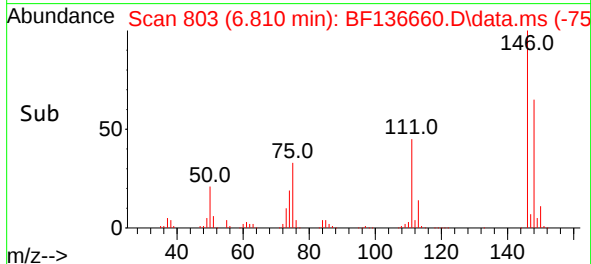
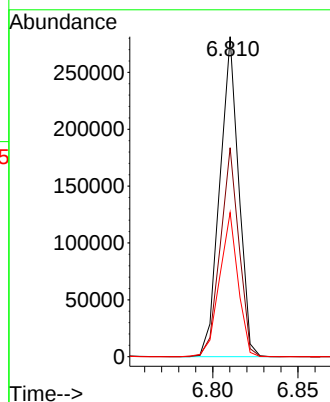
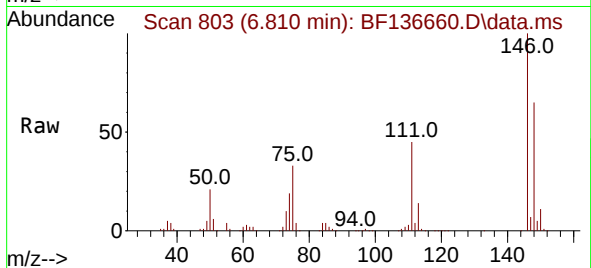




#13
1,4-Dichlorobenzene
Concen: 39.231 ng
RT: 6.810 min Scan# 803
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

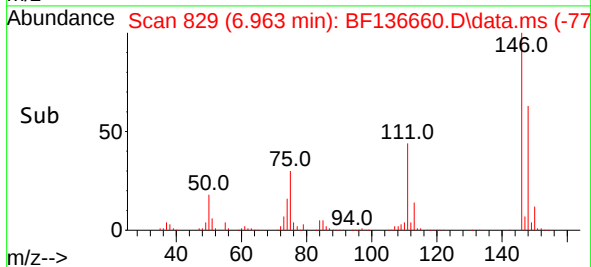
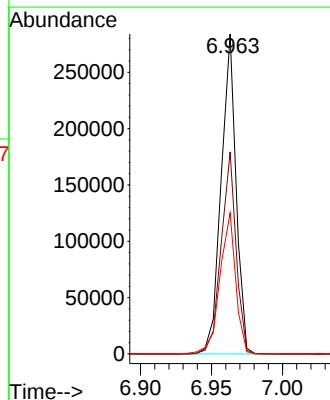
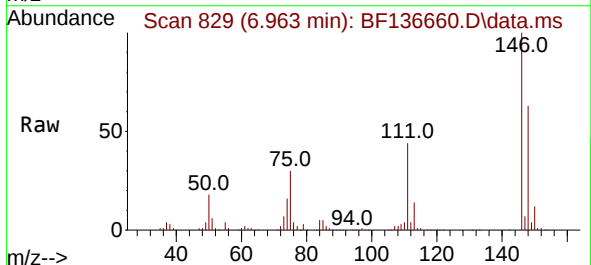
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 216908
Ion Ratio Lower Upper
146 100
148 65.3 49.2 73.8
111 45.1 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 40.277 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:146 Resp: 207219
Ion Ratio Lower Upper
146 100
148 63.2 49.6 74.4
111 44.1 36.2 54.2

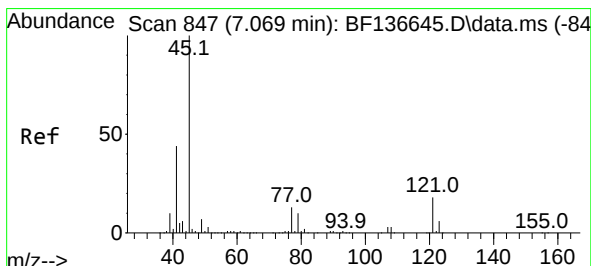
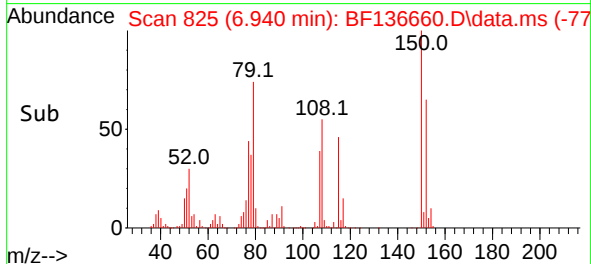
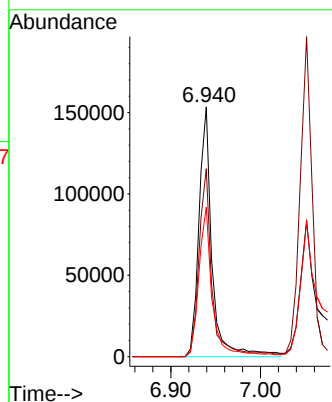
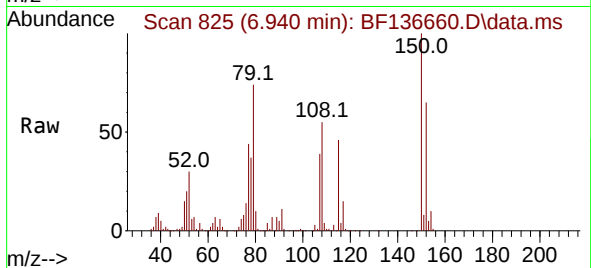




#15
Benzyl Alcohol
Concen: 39.173 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

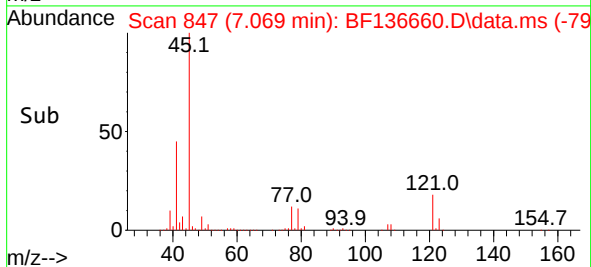
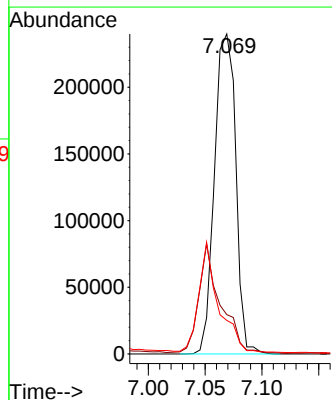
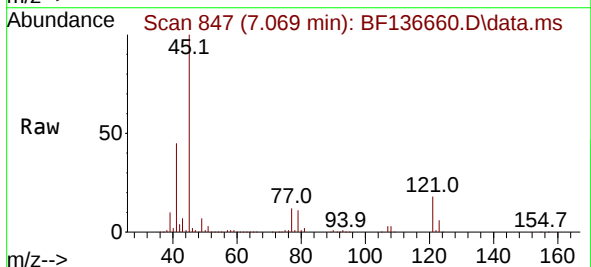
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

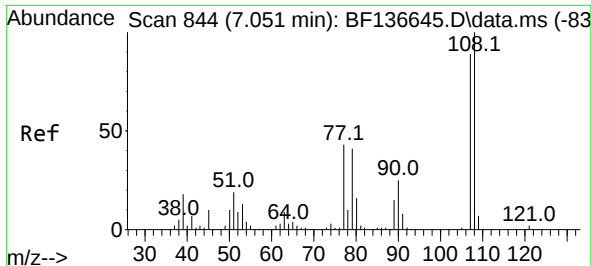
Tgt Ion: 79 Resp: 155217
Ion Ratio Lower Upper
79 100
108 75.3 61.0 91.6
77 59.9 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.113 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 45 Resp: 312698
Ion Ratio Lower Upper
45 100
77 12.3 0.0 34.3
79 10.5 0.0 31.4

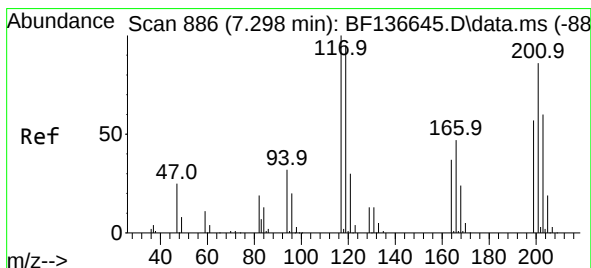
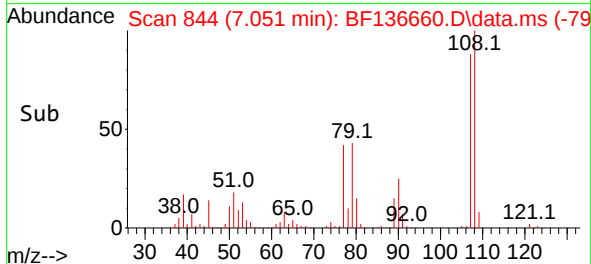
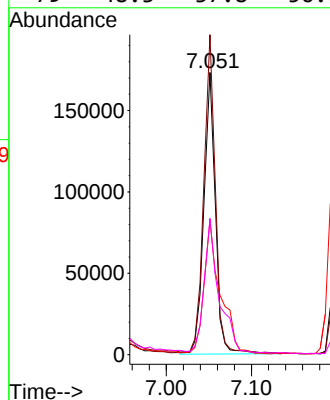
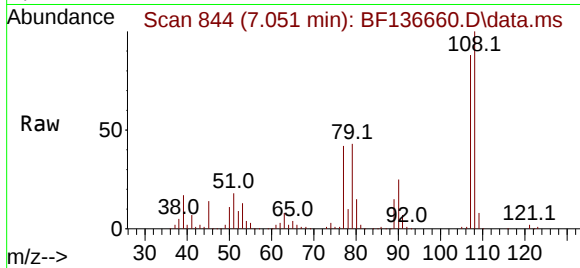




#17
2-Methylphenol
Concen: 39.892 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

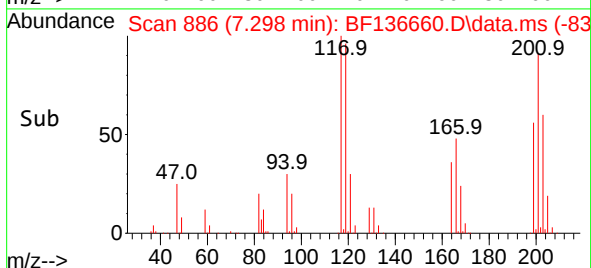
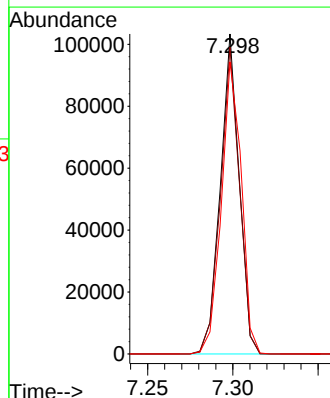
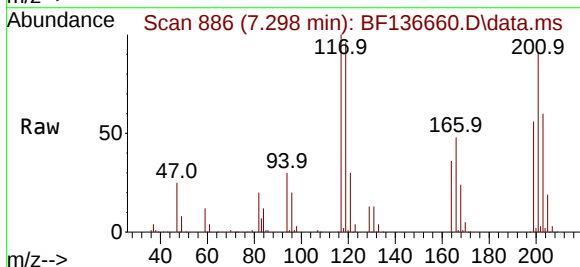
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

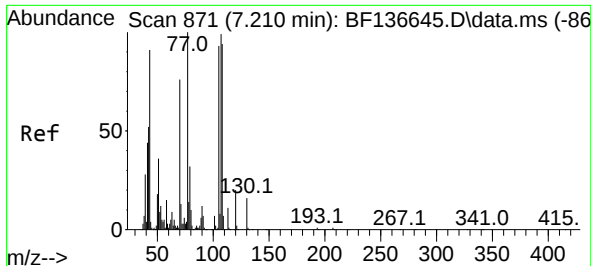
Tgt Ion:	107	Resp:	163927
Ion	Ratio	Lower	Upper
107	100		
108	113.4	90.3	135.5
77	47.6	38.7	58.1
79	48.3	37.8	56.6



#18
Hexachloroethane
Concen: 39.670 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:	117	Resp:	79655
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.6
201	91.3	69.1	103.7

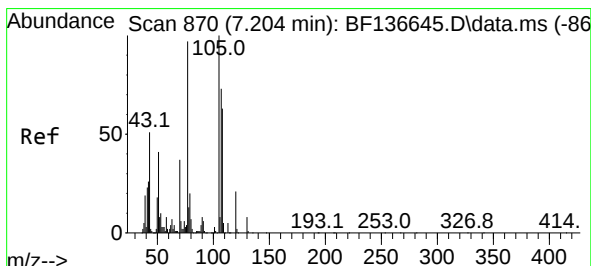
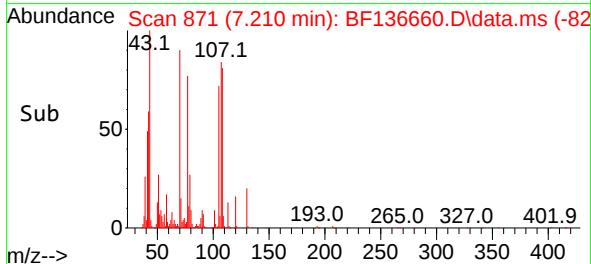
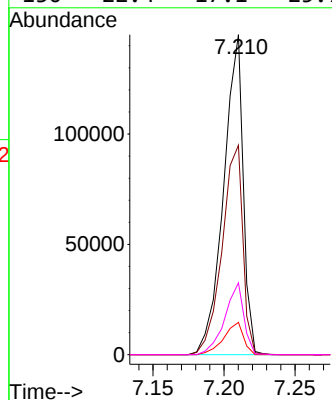
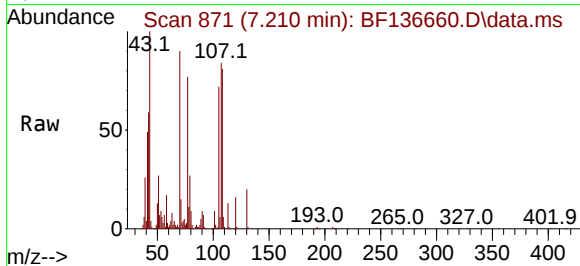




#19
n-Nitroso-di-n-propylamine
Concen: 39.079 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

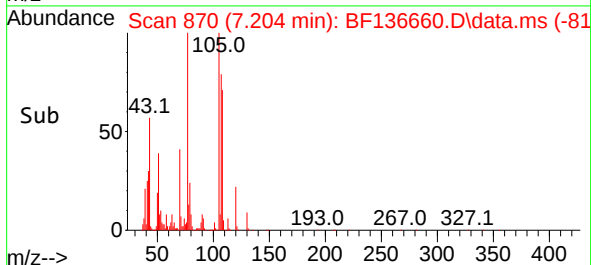
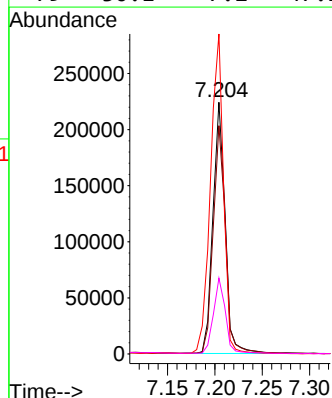
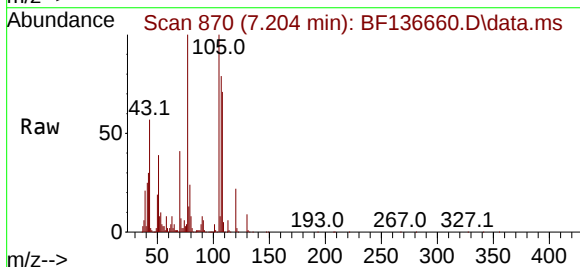
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

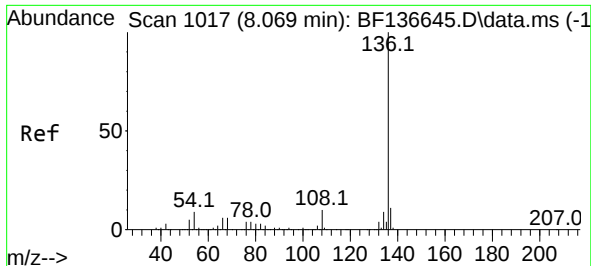
Tgt Ion: 70 Resp: 139135
Ion Ratio Lower Upper
70 100
42 65.5 54.2 81.4
101 10.1 7.6 11.4
130 22.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 38.882 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 107 Resp: 199609
Ion Ratio Lower Upper
107 100
108 90.7 66.0 106.0
77 127.1 114.2 154.2
79 30.1 7.2 47.2

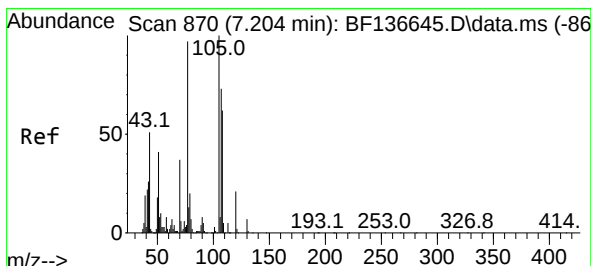
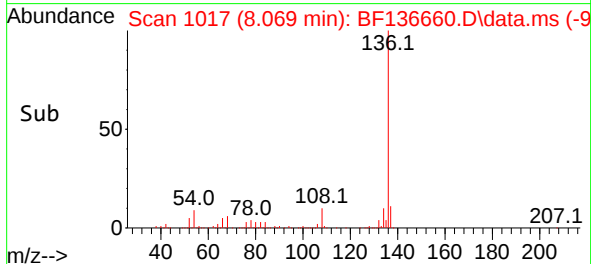
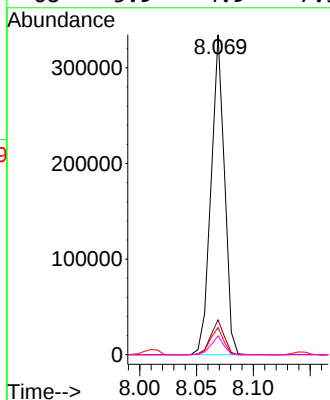
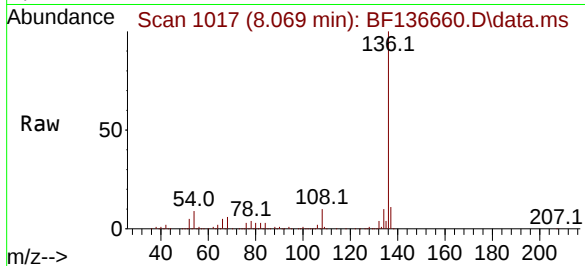




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

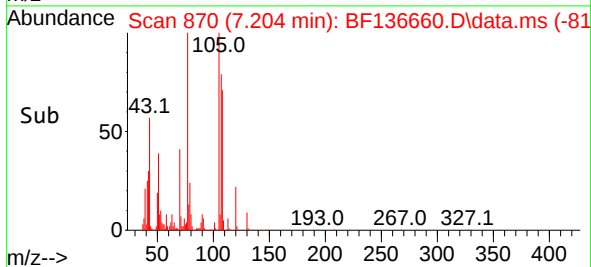
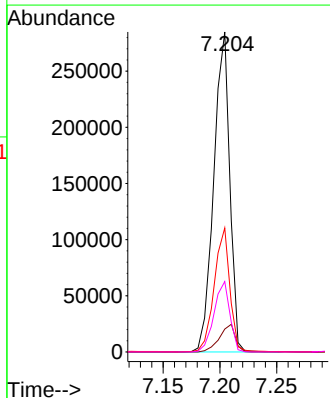
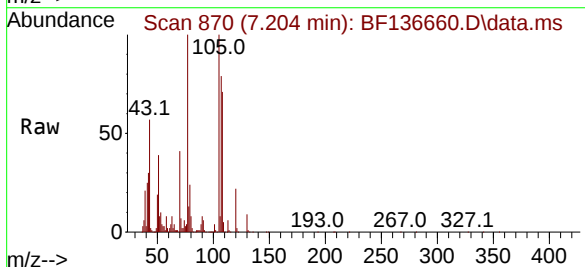
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

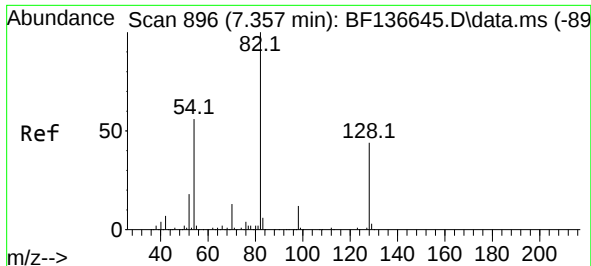
Tgt Ion:	136	Resp:	274399
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.5	7.2	10.8
68	5.9	4.9	7.3



#22
Acetophenone
Concen: 40.549 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:	105	Resp:	278887
Ion	Ratio	Lower	Upper
105	100		
71	7.2	4.8	7.2
51	38.8	32.8	49.2
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 81.414 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

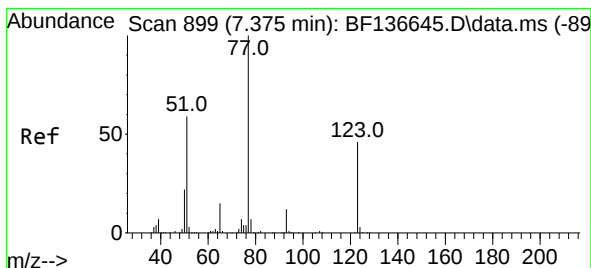
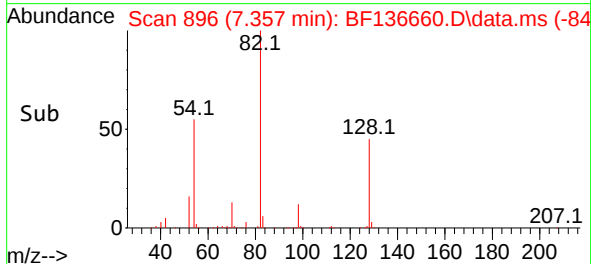
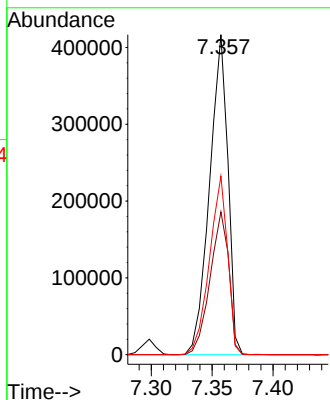
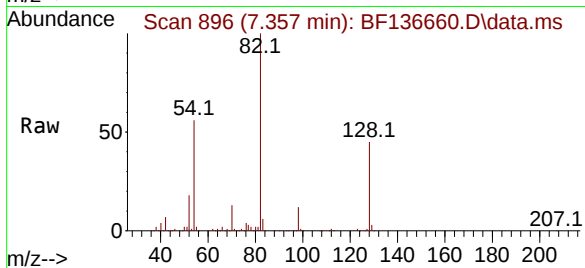
Tgt Ion: 82 Resp: 436575

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 55.8 44.5 66.7



#24

Nitrobenzene

Concen: 40.977 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

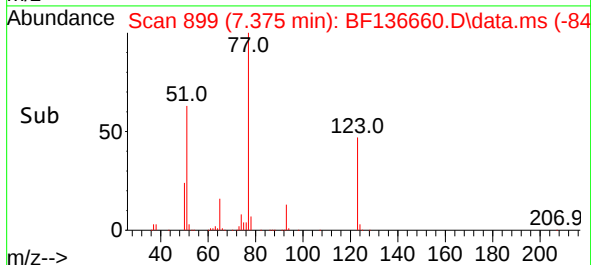
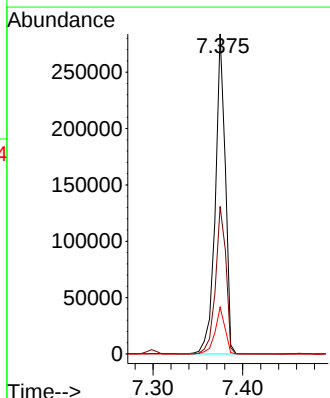
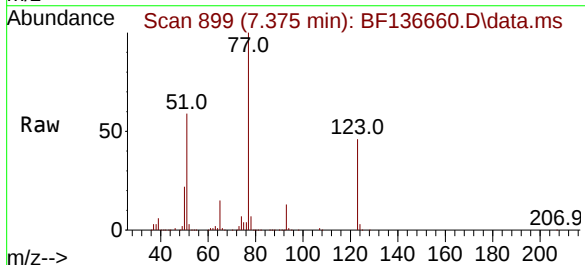
Tgt Ion: 77 Resp: 220115

Ion Ratio Lower Upper

77 100

123 46.1 36.7 55.1

65 14.6 11.8 17.6

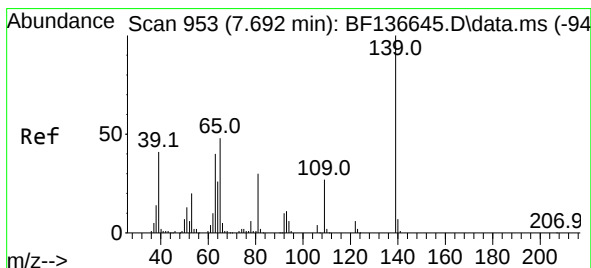
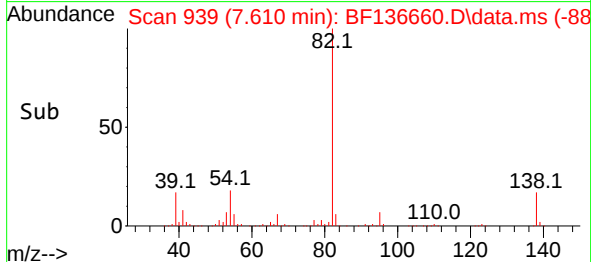
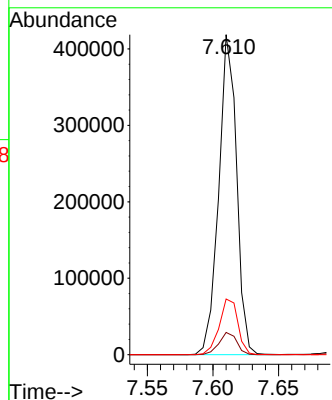
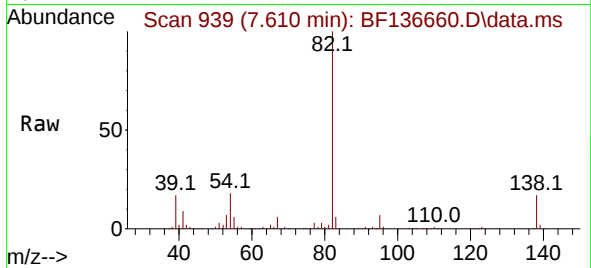




#25
Isophorone
Concen: 40.557 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

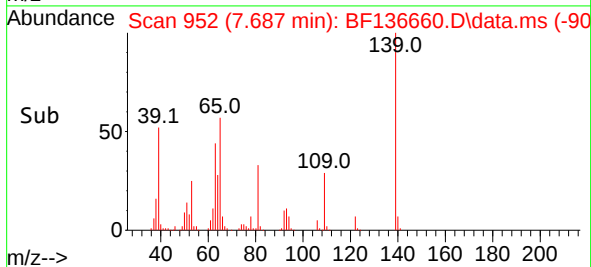
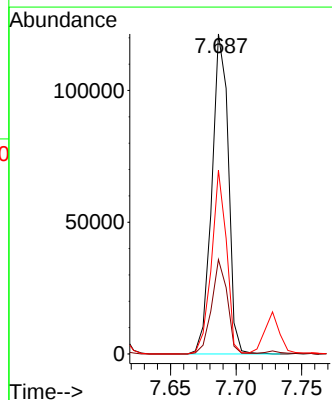
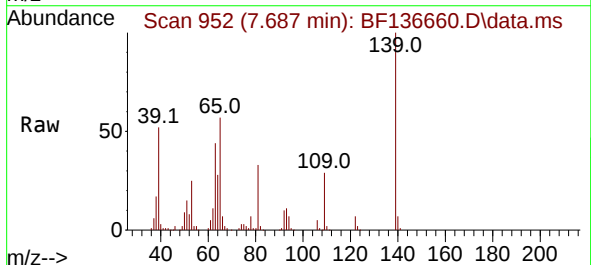
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

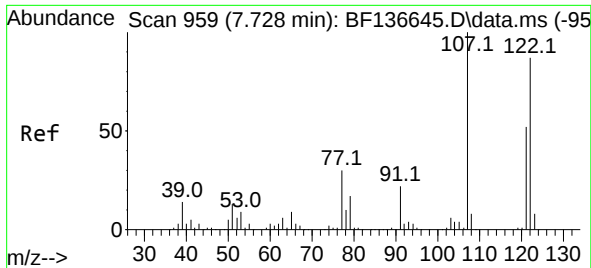
Tgt Ion: 82 Resp: 395734
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 41.297 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 139 Resp: 106135
Ion Ratio Lower Upper
139 100
109 29.5 21.9 32.9
65 57.4 38.6 58.0

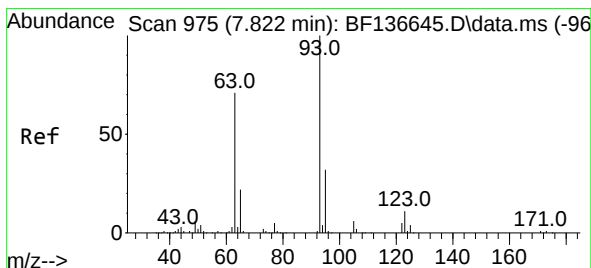
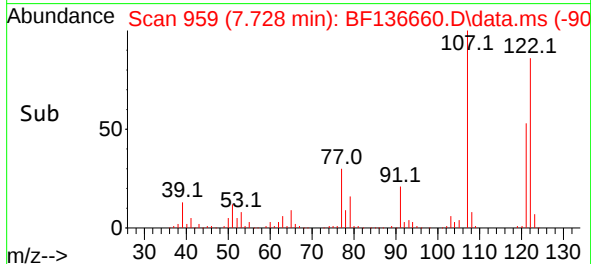
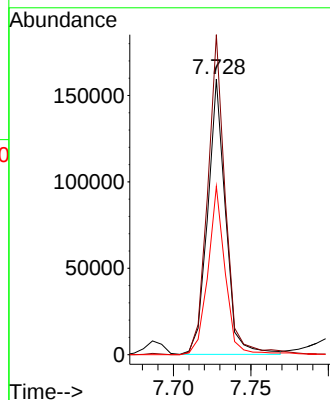
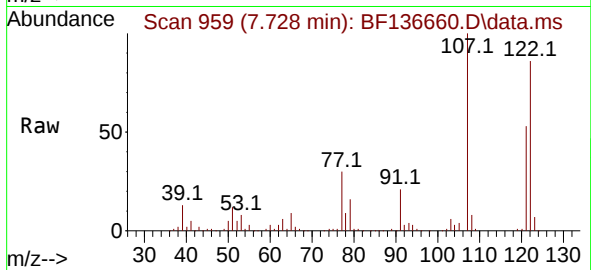




#27
2,4-Dimethylphenol
Concen: 41.171 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

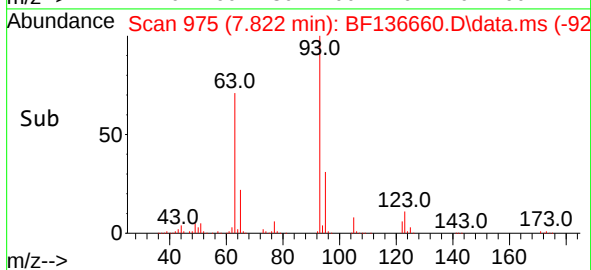
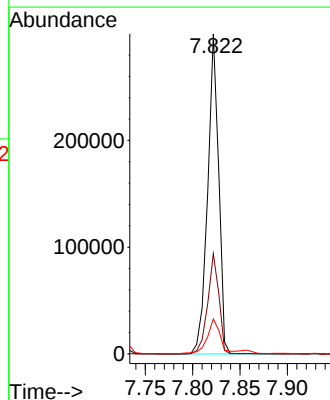
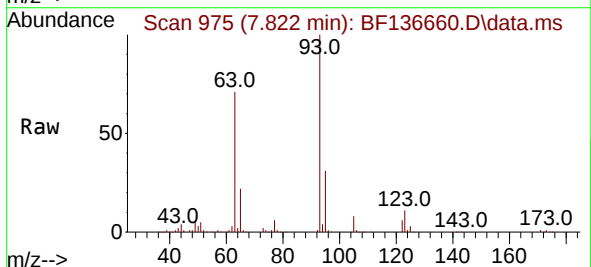
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 128819
Ion Ratio Lower Upper
122 100
107 116.1 92.0 138.0
121 61.0 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.791 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion: 93 Resp: 241931
Ion Ratio Lower Upper
93 100
95 31.3 25.5 38.3
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.858 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

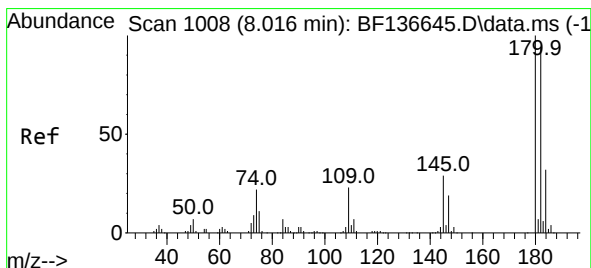
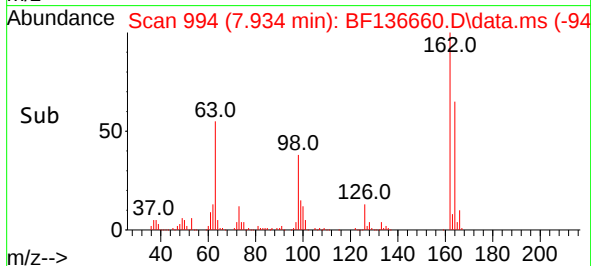
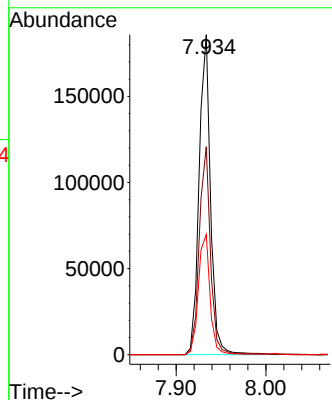
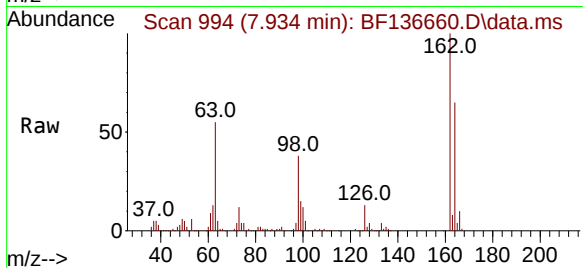
Tgt Ion:162 Resp: 164583

Ion Ratio Lower Upper

162 100

164 65.0 41.7 81.7

98 37.6 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 41.081 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

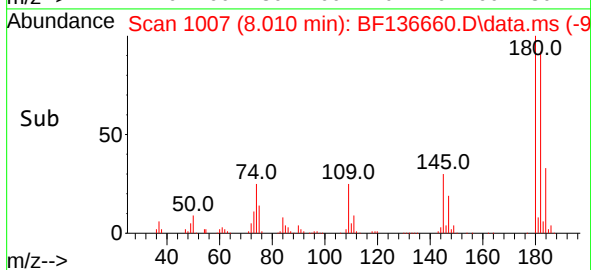
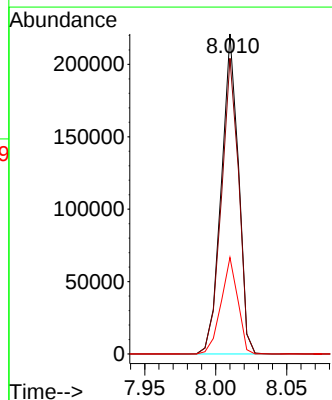
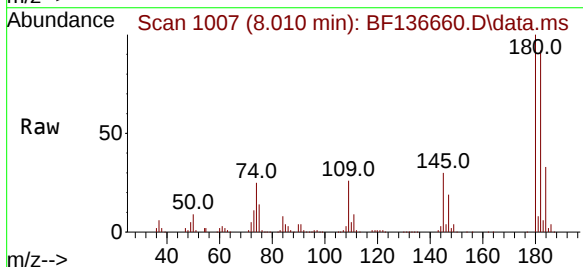
Tgt Ion:180 Resp: 184378

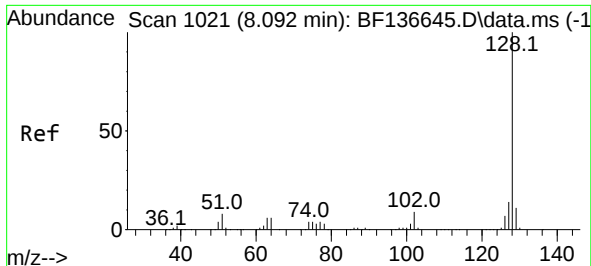
Ion Ratio Lower Upper

180 100

182 92.4 75.4 113.0

145 30.2 23.1 34.7

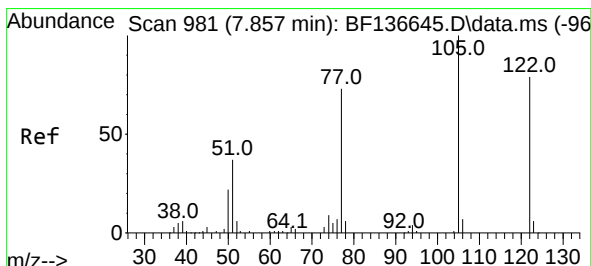
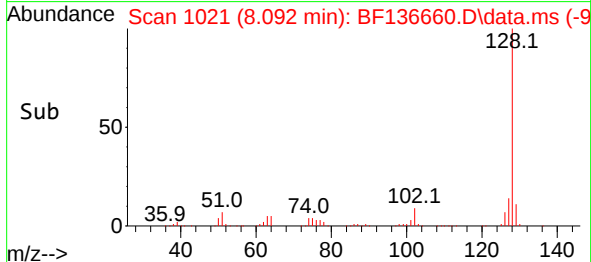
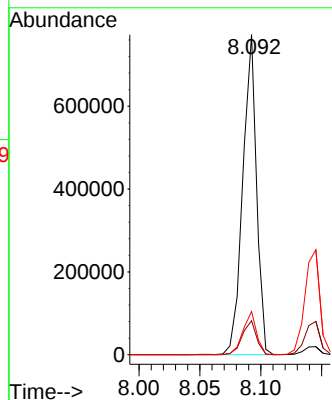
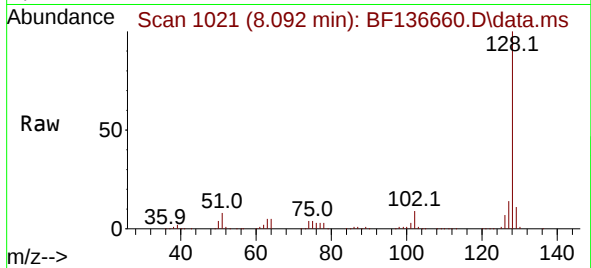




#31
Naphthalene
Concen: 40.445 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

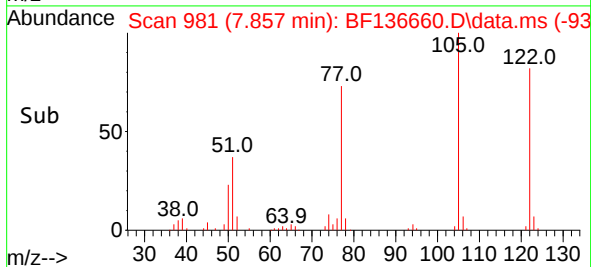
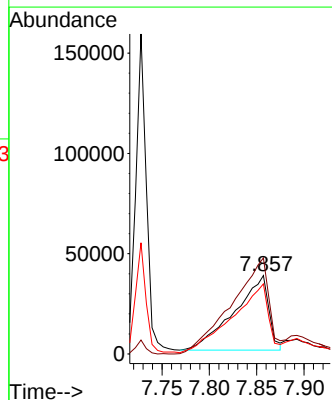
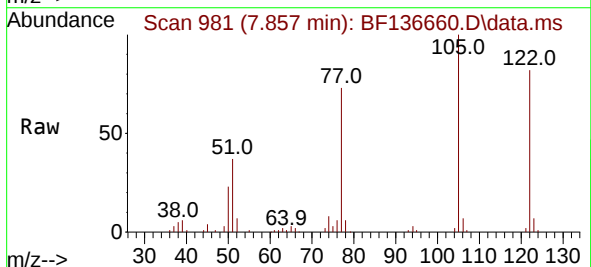
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

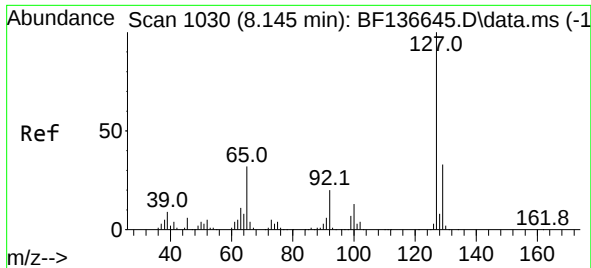
Tgt Ion:128 Resp: 609702
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 31.113 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:122 Resp: 94193
Ion Ratio Lower Upper
122 100
105 122.5 100.8 140.8
77 89.5 70.9 110.9

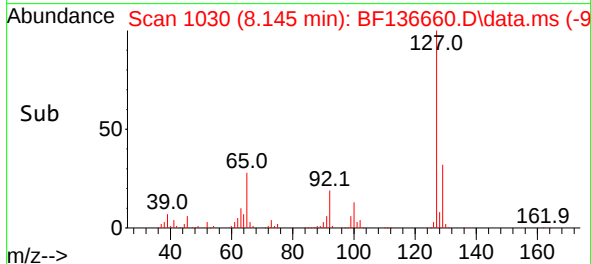
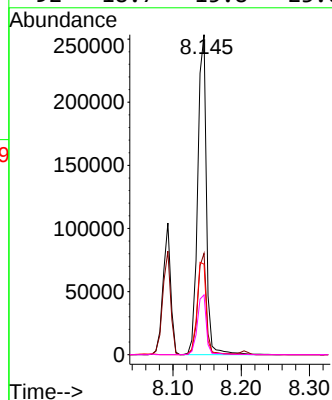
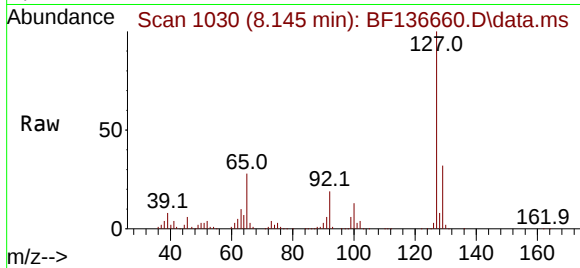




#33
4-Chloroaniline
Concen: 40.383 ng
RT: 8.145 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

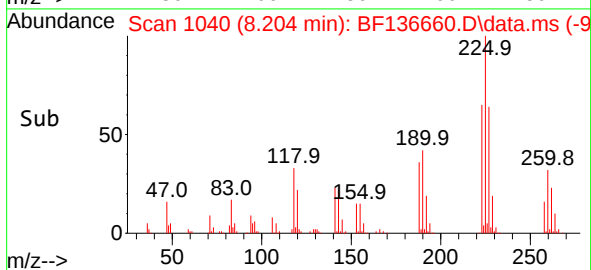
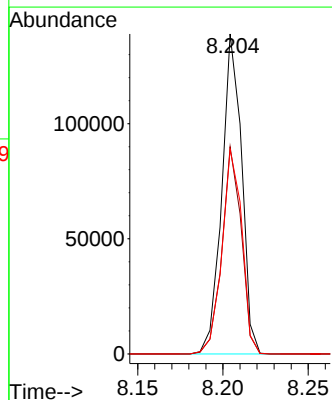
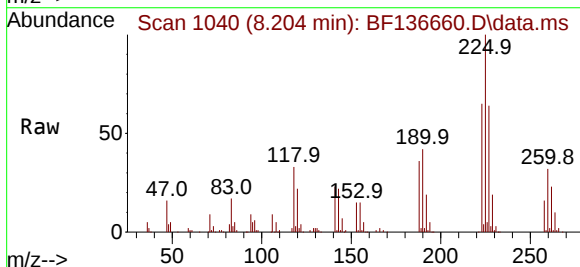
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

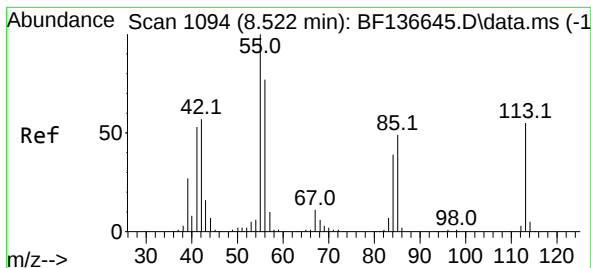
Tgt Ion:	127	Resp:	224768
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.3	39.5
65	28.3	25.8	38.8
92	18.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 41.203 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:	225	Resp:	112353
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	63.9	51.9	77.9





#35

Caprolactam

Concen: 41.346 ng

RT: 8.522 min Scan# 1094

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

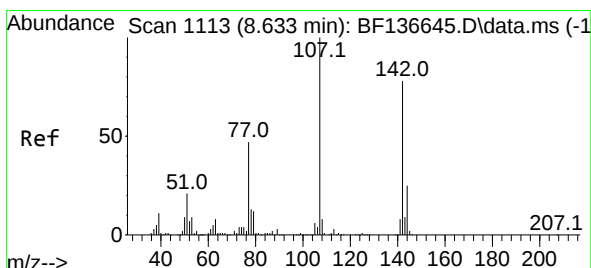
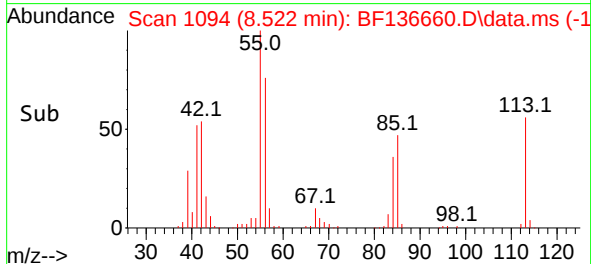
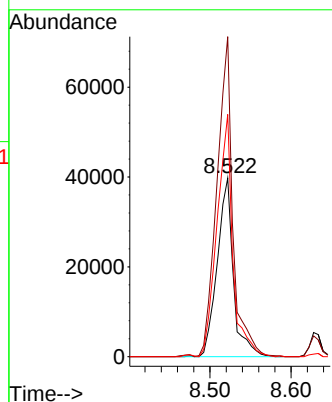
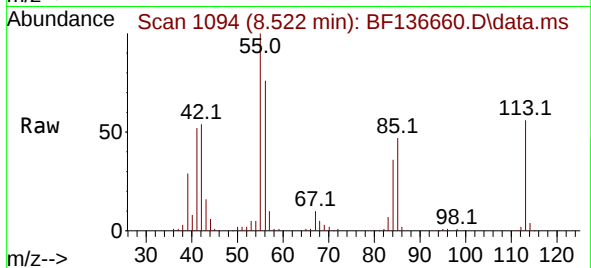
Tgt Ion:113 Resp: 54944

Ion Ratio Lower Upper

113 100

55 179.3 163.1 203.1

56 135.7 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 40.797 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

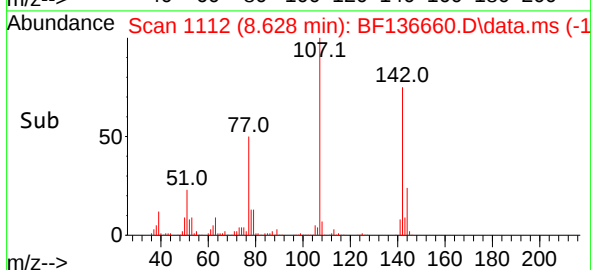
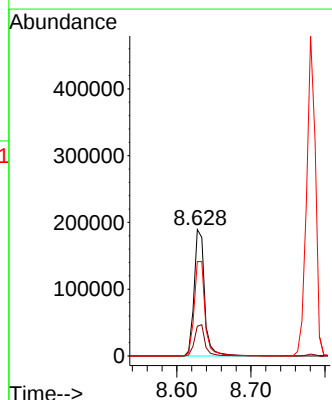
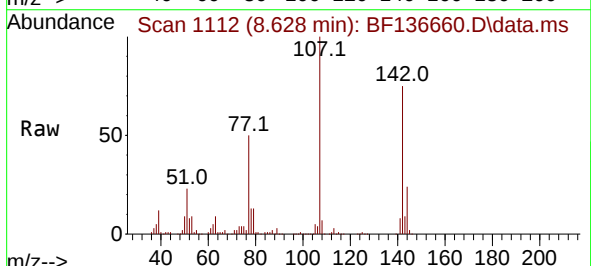
Tgt Ion:107 Resp: 185007

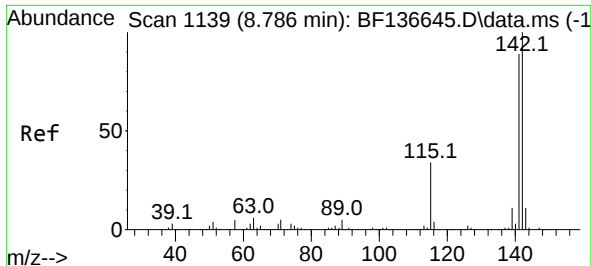
Ion Ratio Lower Upper

107 100

144 23.5 20.2 30.2

142 74.7 62.3 93.5

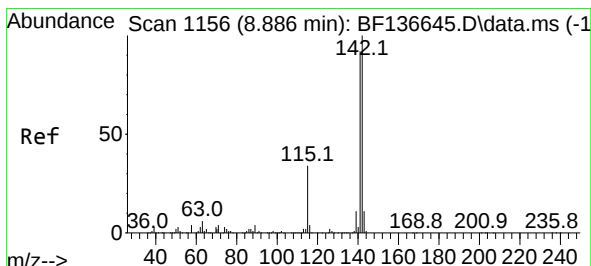
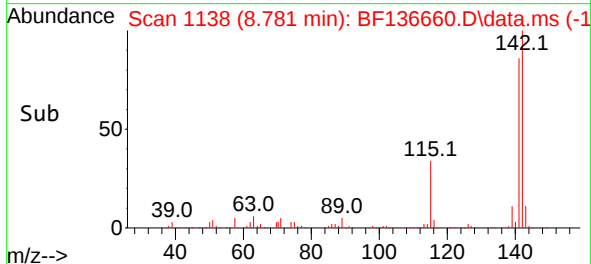
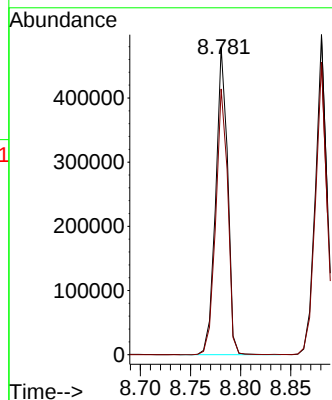
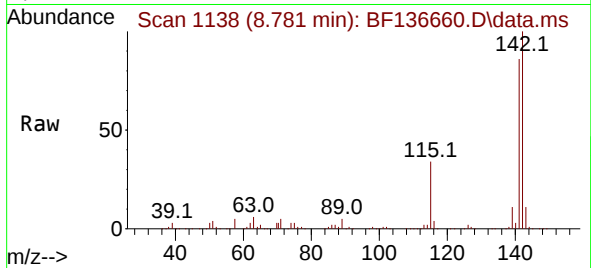




#37
2-Methylnaphthalene
Concen: 40.796 ng
RT: 8.781 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

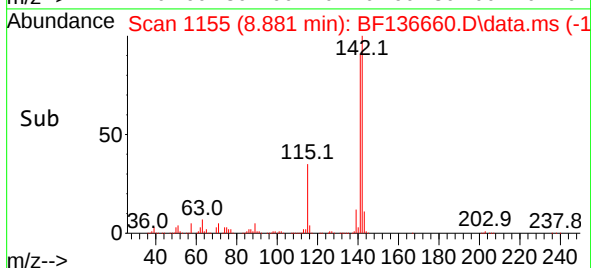
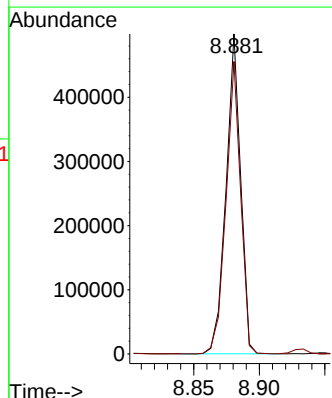
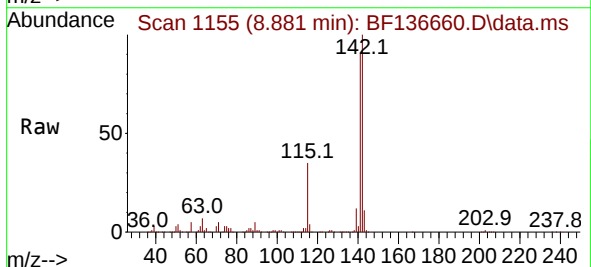
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

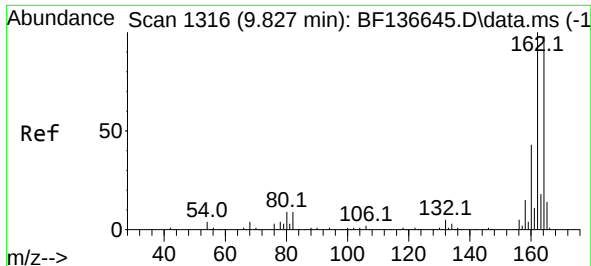
Tgt Ion:142 Resp: 395787
Ion Ratio Lower Upper
142 100
141 86.4 71.1 106.7



#38
1-Methylnaphthalene
Concen: 40.508 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:142 Resp: 385557
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4

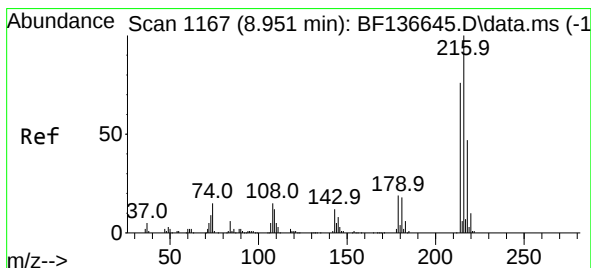
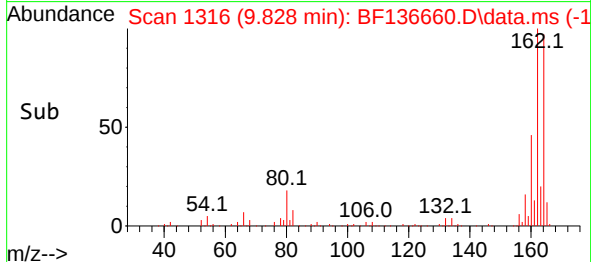
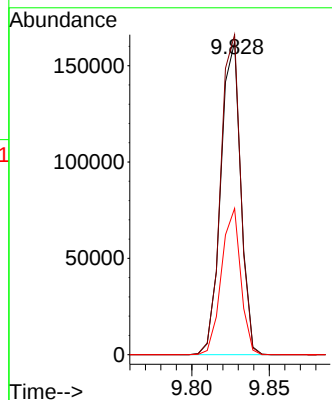
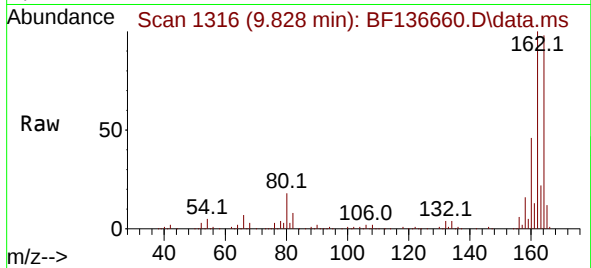




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

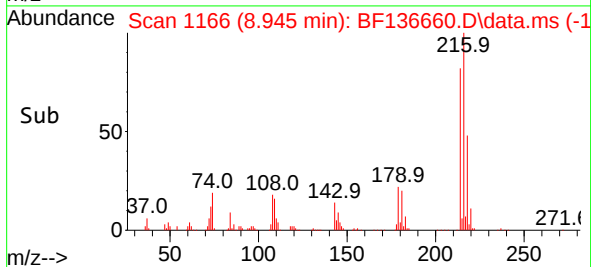
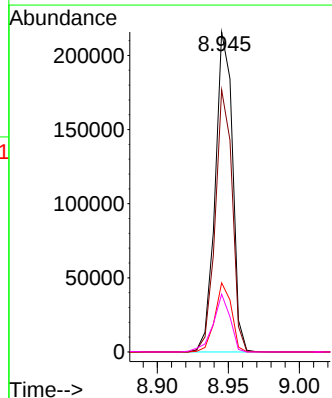
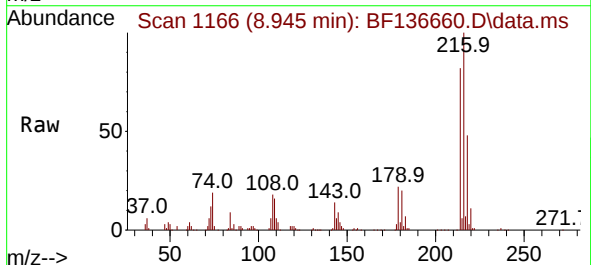
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

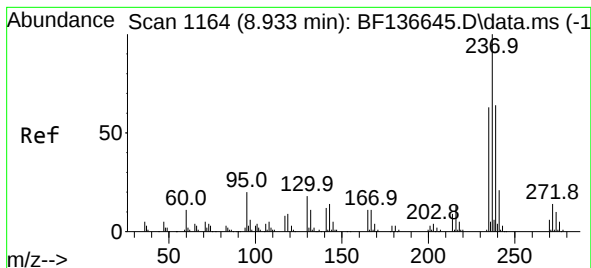
Tgt Ion:164 Resp: 145206
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 46.7 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.696 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:216 Resp: 183009
Ion Ratio Lower Upper
216 100
214 79.9 62.3 93.5
179 20.7 16.4 24.6
108 17.7 14.0 21.0





#41

Hexachlorocyclopentadiene

Concen: 38.749 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

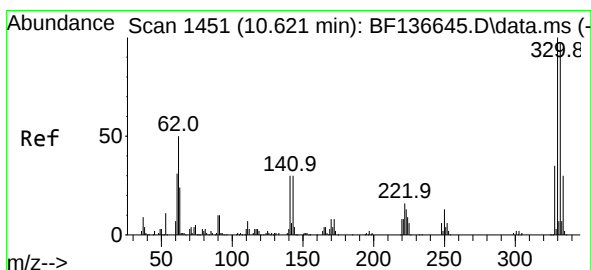
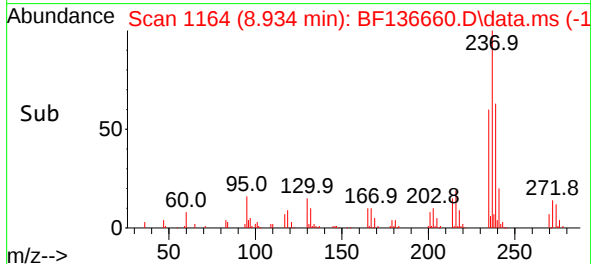
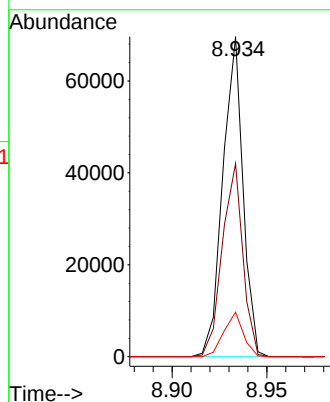
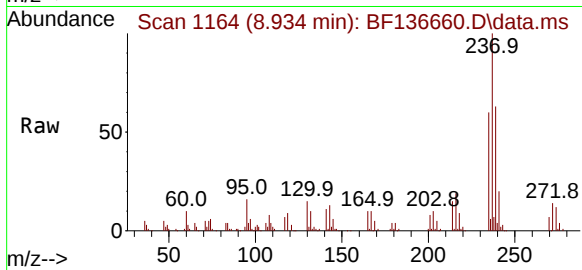
Tgt Ion:237 Resp: 51702

Ion Ratio Lower Upper

237 100

235 60.4 43.2 83.2

272 13.9 0.0 34.2



#42

2,4,6-Tribromophenol

Concen: 79.314 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

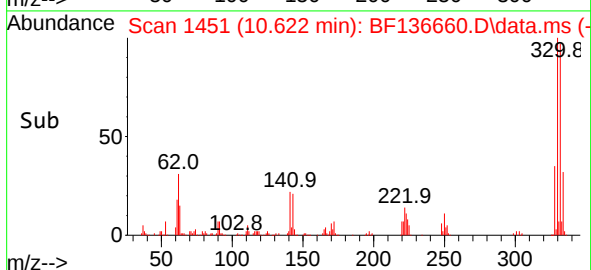
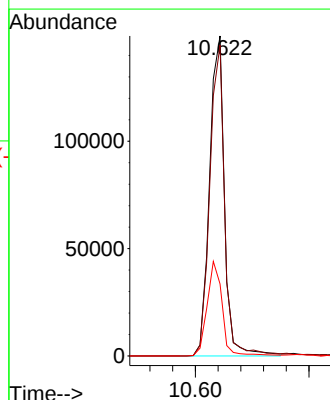
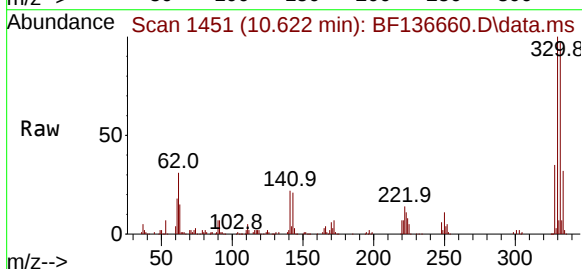
Tgt Ion:330 Resp: 135637

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.0

141 29.8 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 40.750 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

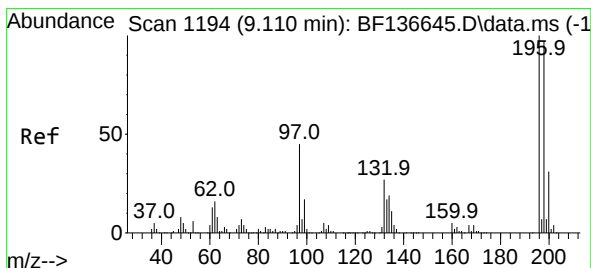
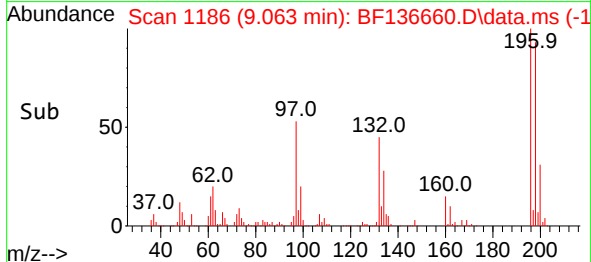
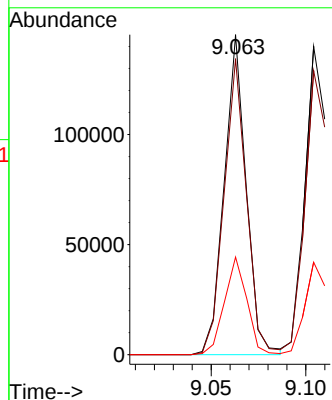
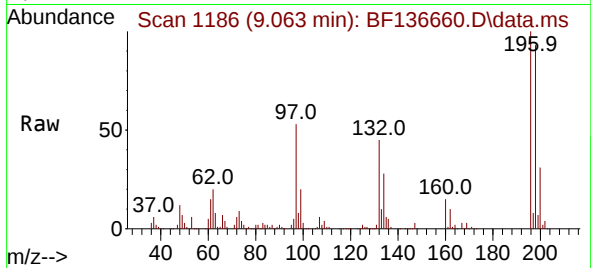
Tgt Ion:196 Resp: 117521

Ion Ratio Lower Upper

196 100

198 92.5 75.1 112.7

200 30.5 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 41.833 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Tgt Ion:196 Resp: 134444

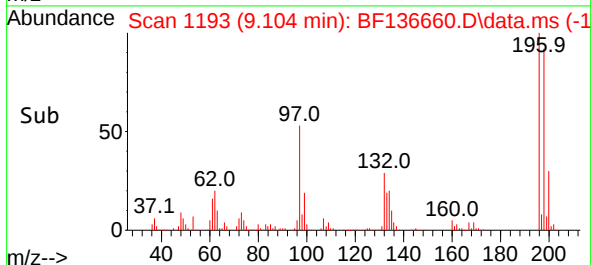
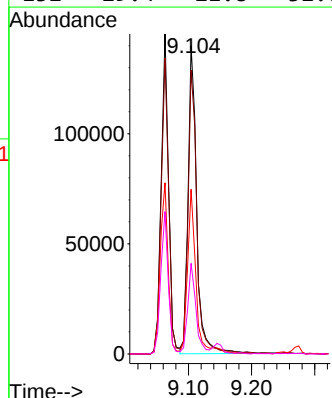
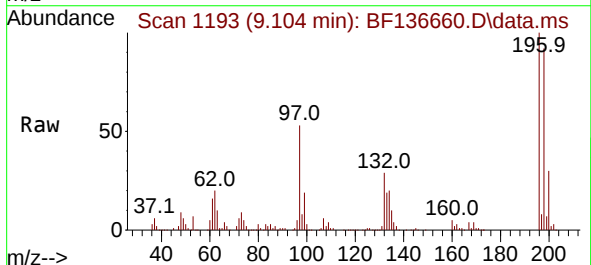
Ion Ratio Lower Upper

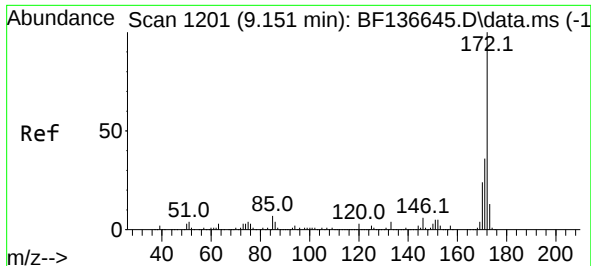
196 100

198 92.1 77.0 115.6

97 53.4 36.1 54.1

132 29.4 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 80.582 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

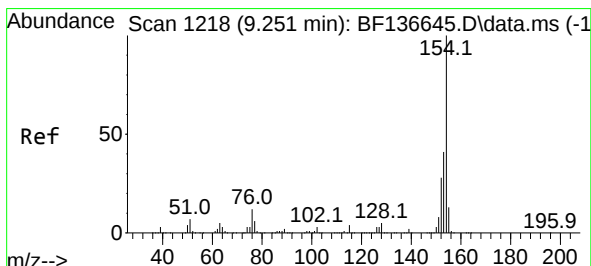
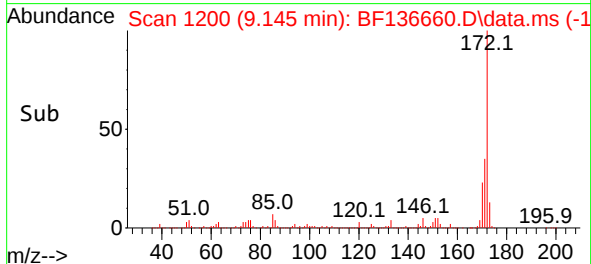
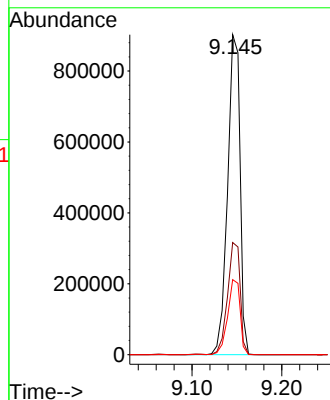
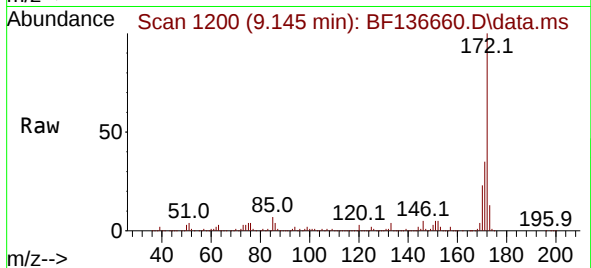
Tgt Ion:172 Resp: 869976

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 23.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.987 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

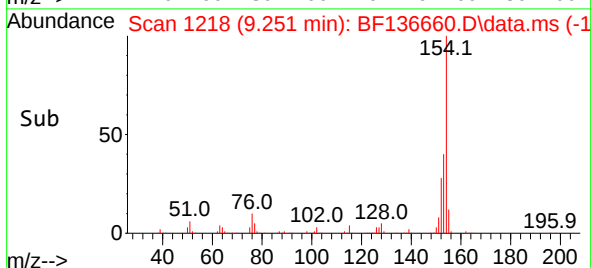
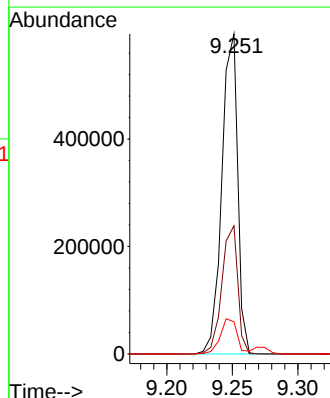
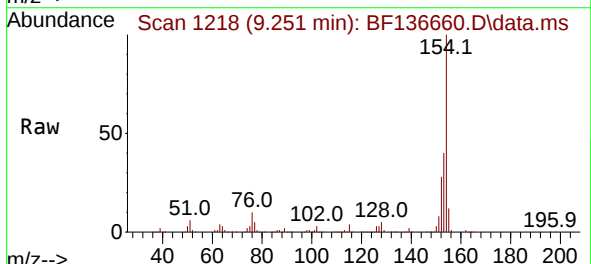
Tgt Ion:154 Resp: 499425

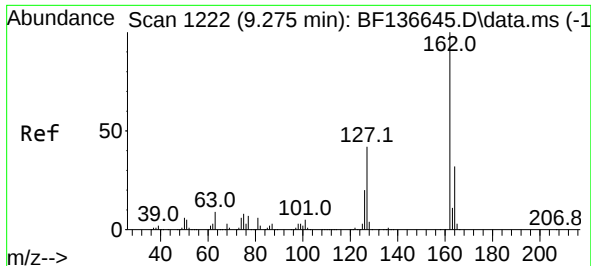
Ion Ratio Lower Upper

154 100

153 40.0 21.1 61.1

76 10.1 0.0 31.7





#47

2-Chloronaphthalene

Concen: 40.650 ng

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

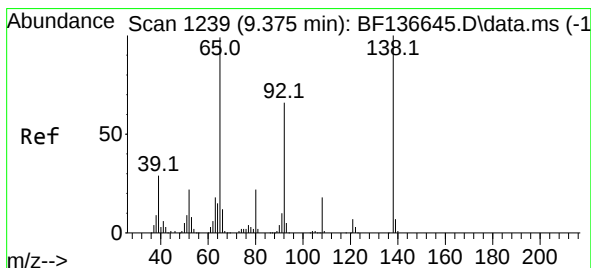
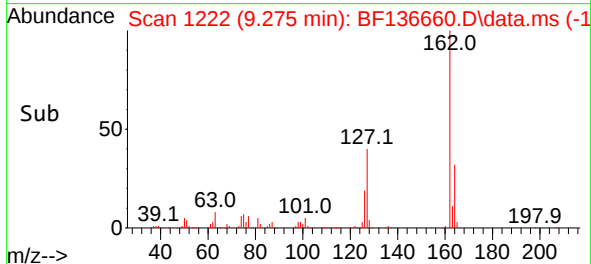
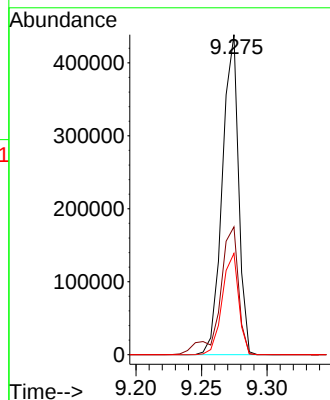
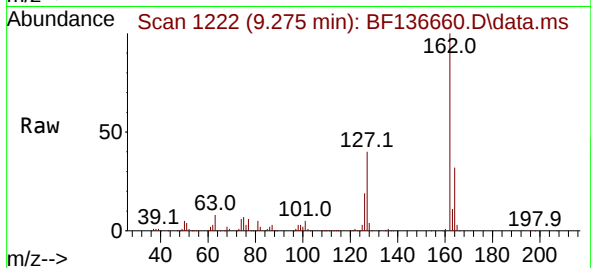
Tgt Ion:162 Resp: 376552

Ion Ratio Lower Upper

162 100

127 40.0 33.6 50.4

164 31.7 25.7 38.5



#48

2-Nitroaniline

Concen: 41.100 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

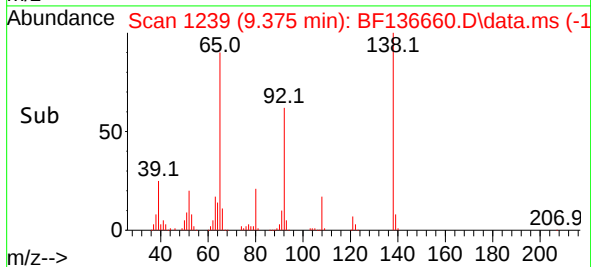
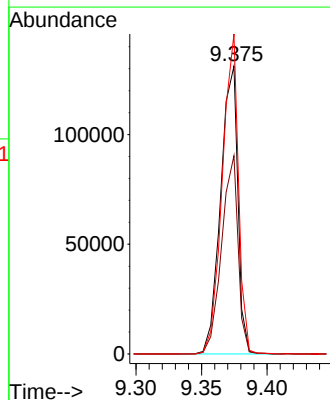
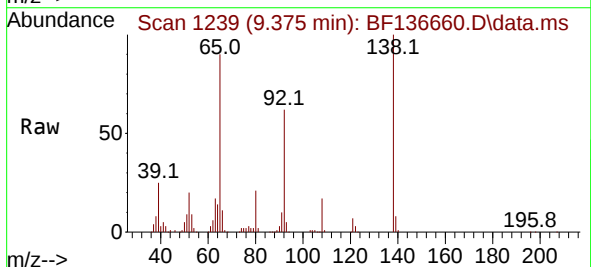
Tgt Ion: 65 Resp: 119222

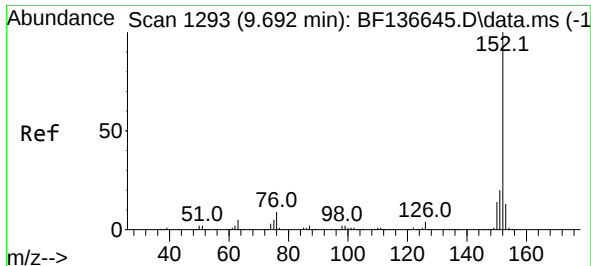
Ion Ratio Lower Upper

65 100

92 68.9 53.2 79.8

138 111.2 81.1 121.7





#49

Acenaphthylene

Concen: 40.896 ng

RT: 9.686 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

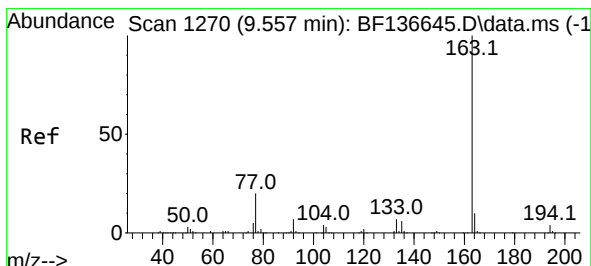
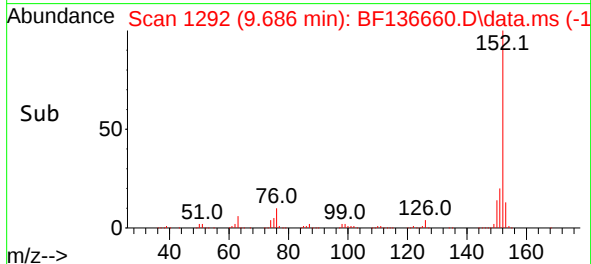
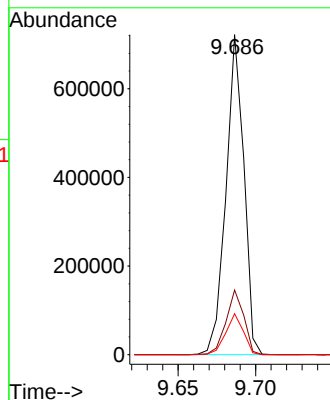
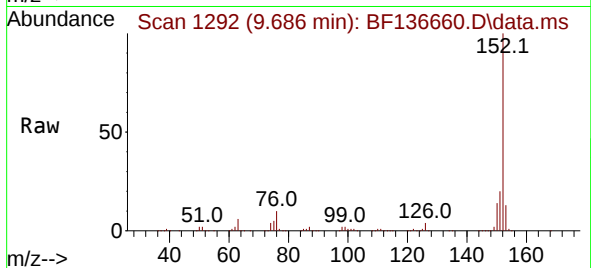
Tgt Ion:152 Resp: 579038

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 12.8 10.2 15.2



#50

Dimethylphthalate

Concen: 40.190 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

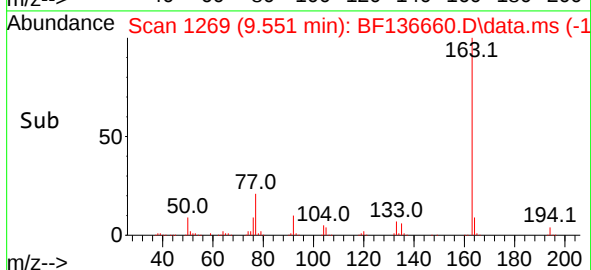
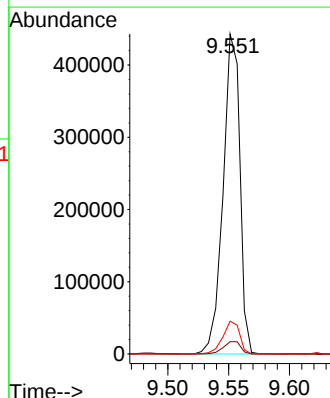
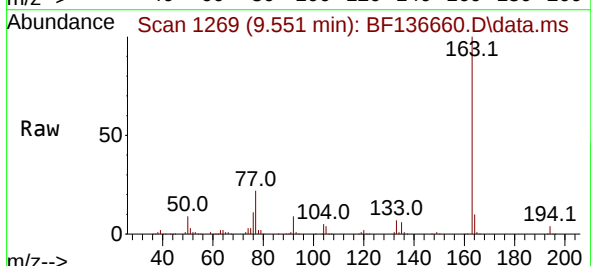
Tgt Ion:163 Resp: 426268

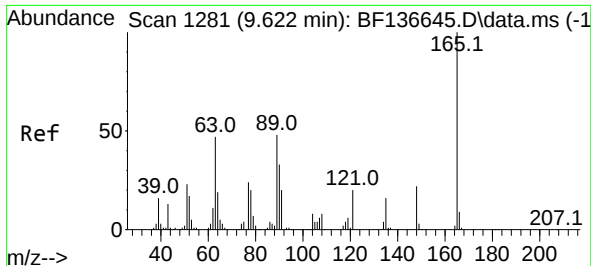
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.2 7.8 11.6

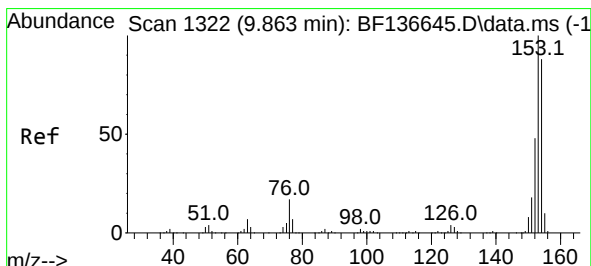
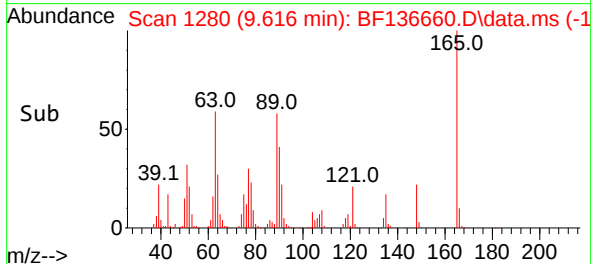
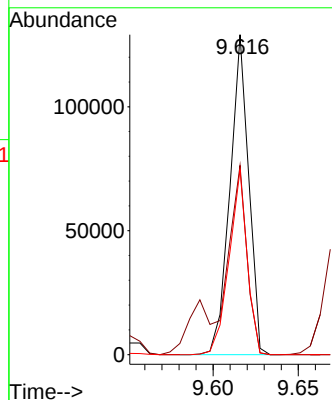
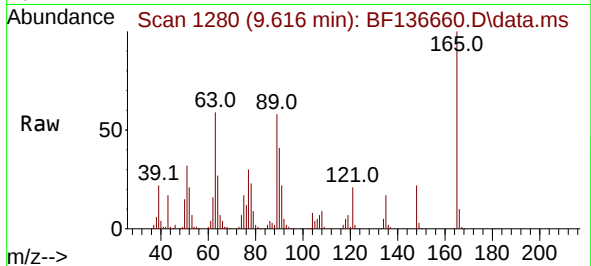




#51
2,6-Dinitrotoluene
Concen: 40.956 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

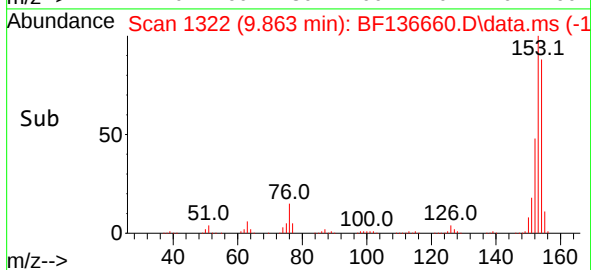
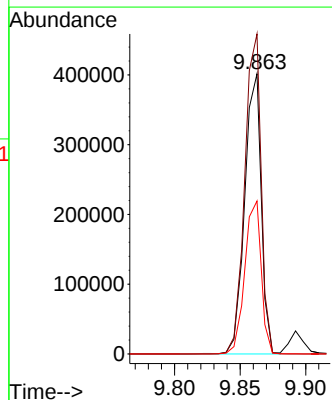
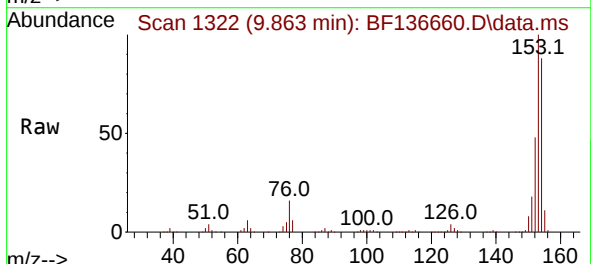
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

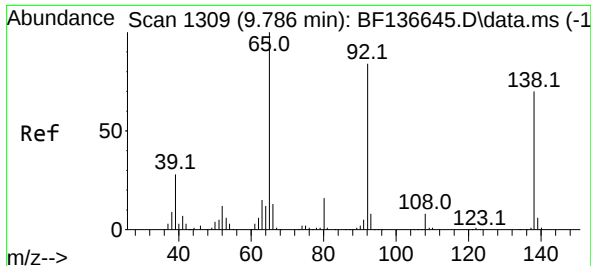
Tgt Ion:165 Resp: 98585
Ion Ratio Lower Upper
165 100
63 59.1 39.8 59.6
89 57.8 38.8 58.2



#52
Acenaphthene
Concen: 40.148 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:154 Resp: 352371
Ion Ratio Lower Upper
154 100
153 114.2 90.7 136.1
152 54.6 43.7 65.5

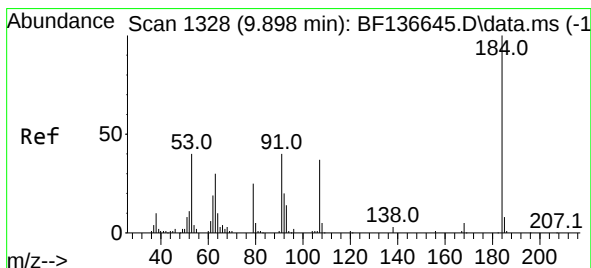
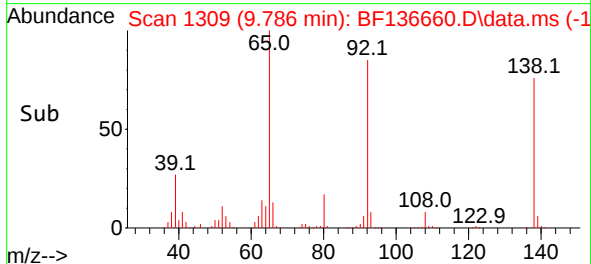
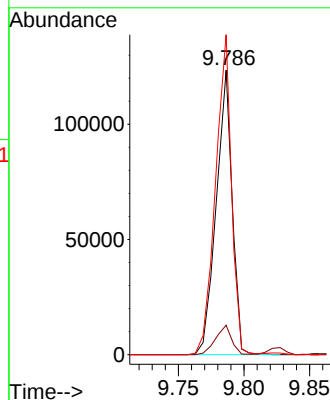
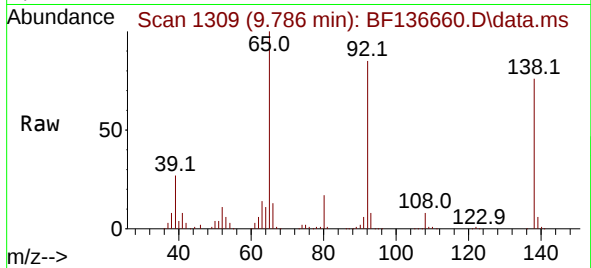




#53
3-Nitroaniline
Concen: 40.983 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

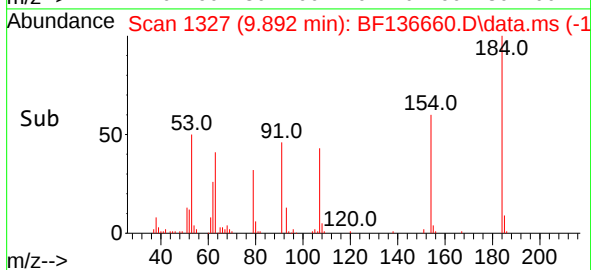
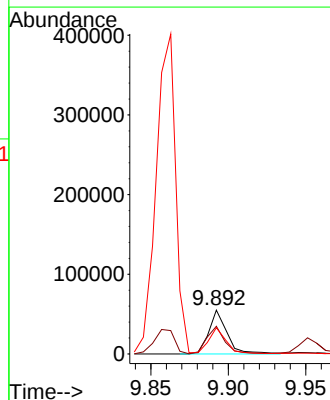
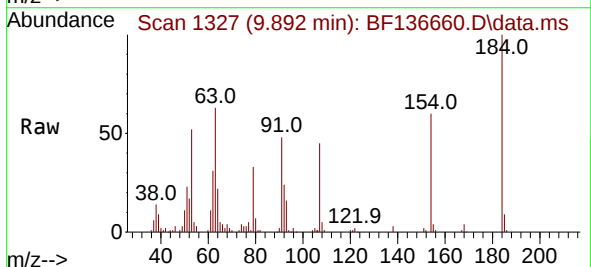
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

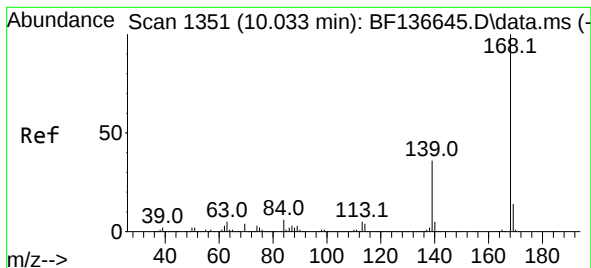
Tgt Ion:138 Resp: 104502
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 112.5 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 35.815 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:184 Resp: 44892
Ion Ratio Lower Upper
184 100
63 63.0 40.9 61.3#
154 60.1 42.7 64.1





#55

Dibenzofuran

Concen: 40.344 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

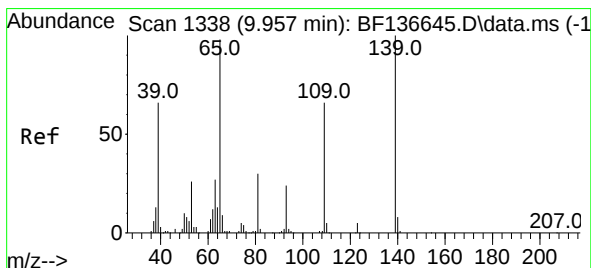
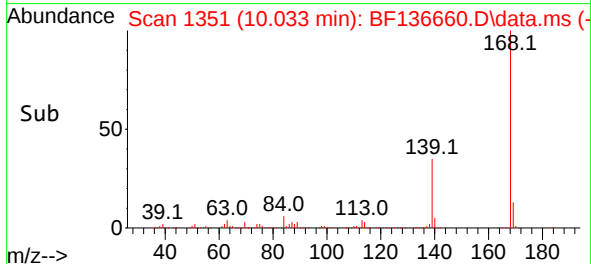
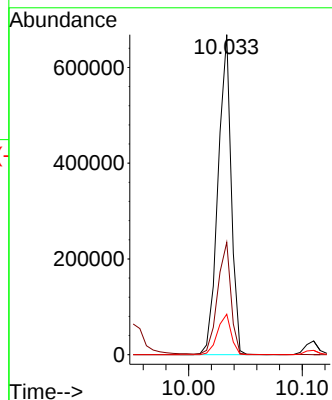
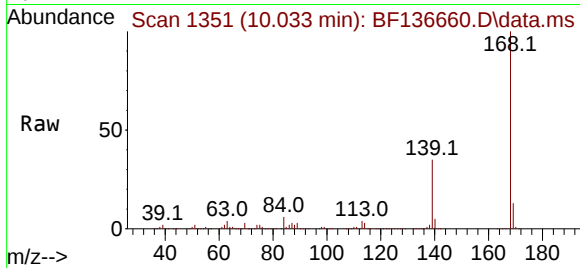
Tgt Ion:168 Resp: 536754

Ion Ratio Lower Upper

168 100

139 35.1 29.3 43.9

169 12.6 11.0 16.4



#56

4-Nitrophenol

Concen: 40.192 ng

RT: 9.951 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

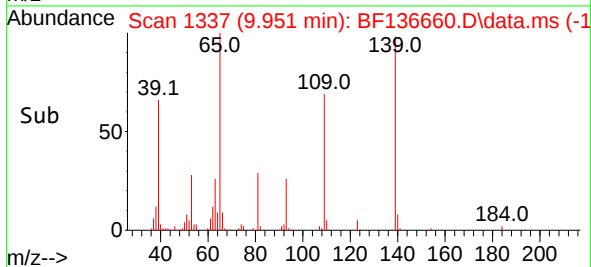
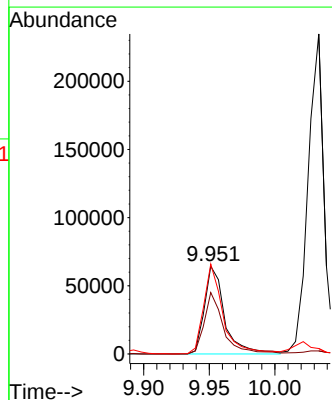
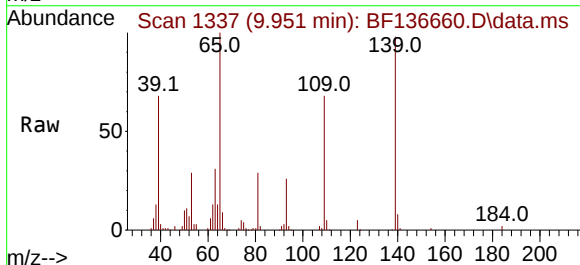
Tgt Ion:139 Resp: 69183

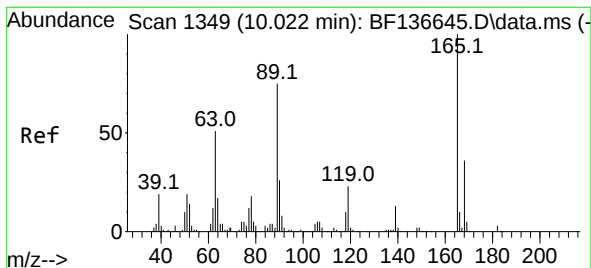
Ion Ratio Lower Upper

139 100

109 70.2 45.8 85.8

65 102.5 77.8 117.8

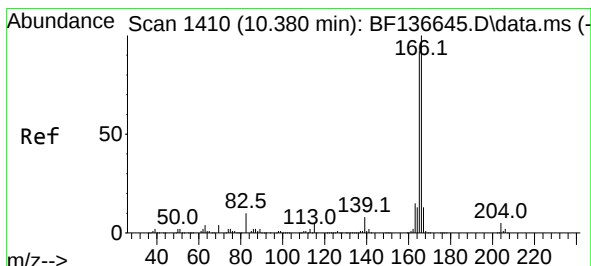
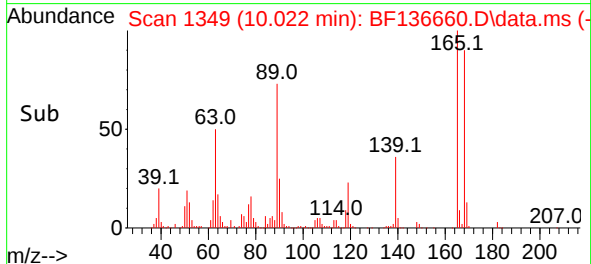
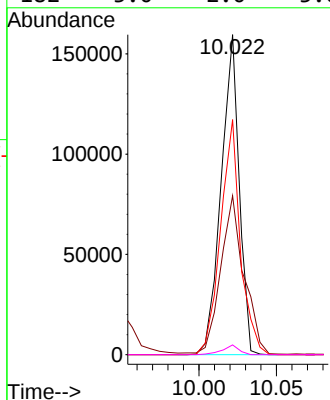
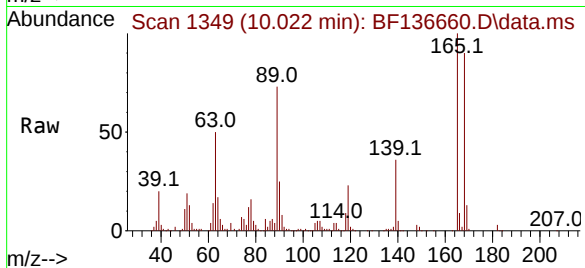




#57
2,4-Dinitrotoluene
Concen: 41.440 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

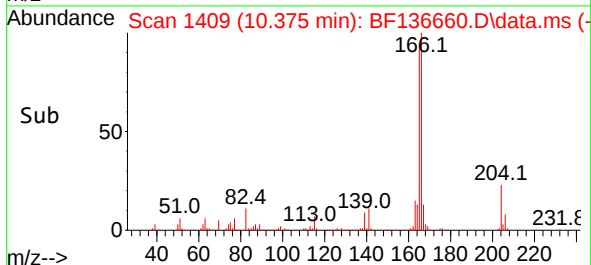
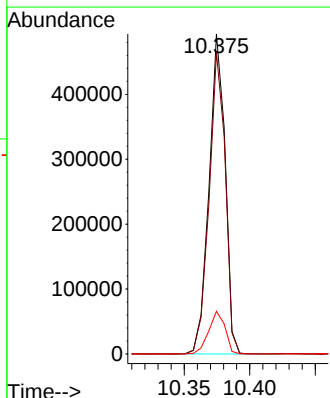
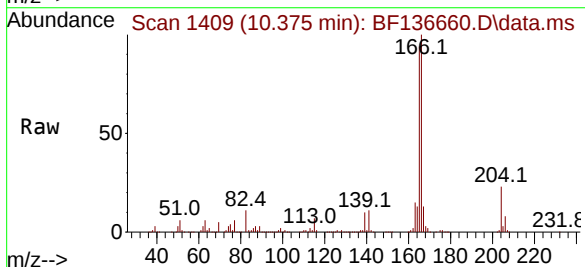
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 129495
Ion Ratio Lower Upper
165 100
63 49.7 41.0 61.6
89 73.5 59.9 89.9
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 39.932 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:166 Resp: 421538
Ion Ratio Lower Upper
166 100
165 94.2 73.7 110.5
167 13.4 10.4 15.6

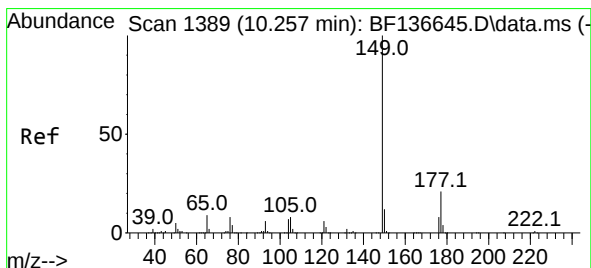
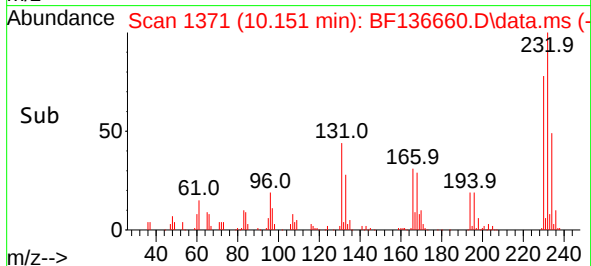
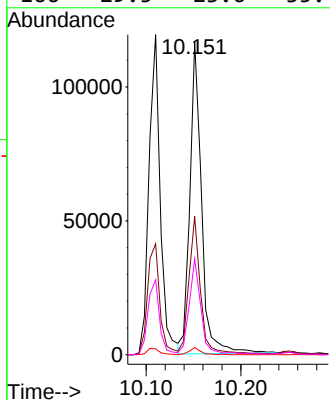
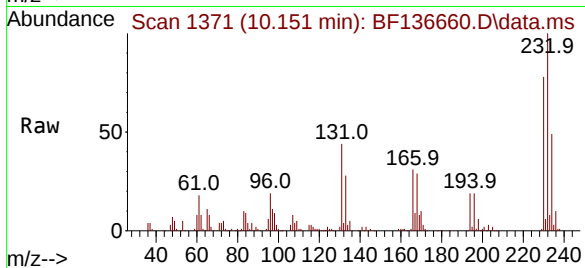




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.427 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

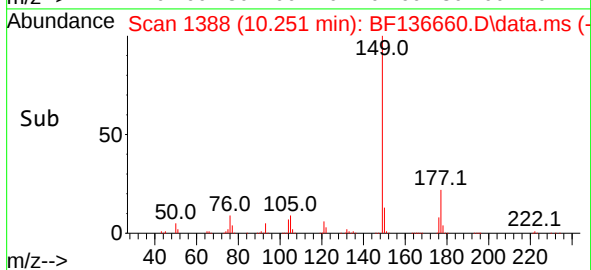
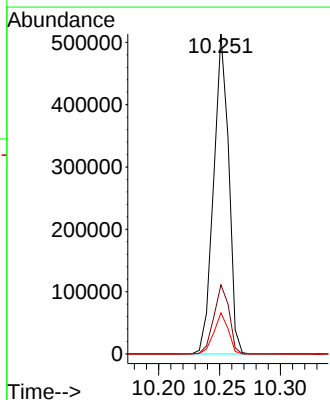
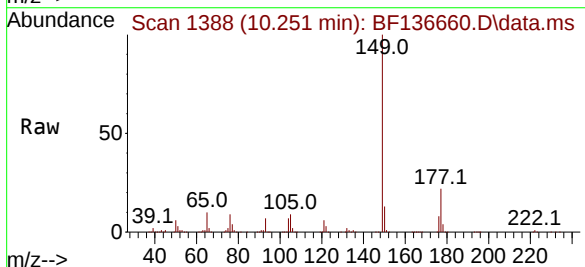
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

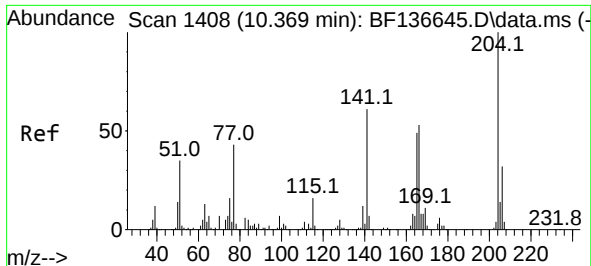
Tgt Ion:232 Resp: 100013
Ion Ratio Lower Upper
232 100
131 44.4 35.1 52.7
130 2.2 1.6 2.4
166 29.5 23.6 35.4



#60
Diethylphthalate
Concen: 40.245 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:149 Resp: 442881
Ion Ratio Lower Upper
149 100
177 21.6 16.9 25.3
150 12.9 9.3 13.9

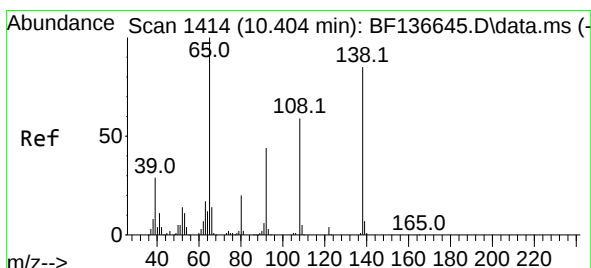
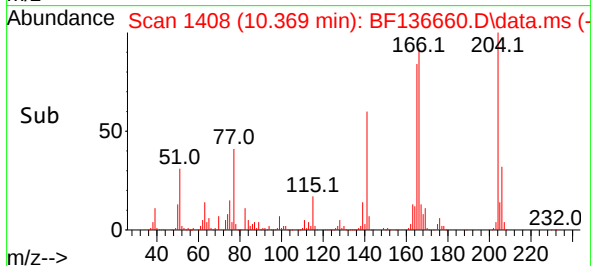
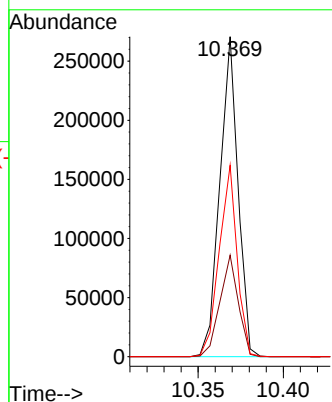
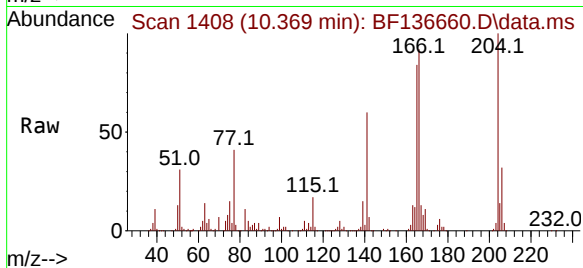




#61
4-Chlorophenyl-phenylether
Concen: 39.250 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

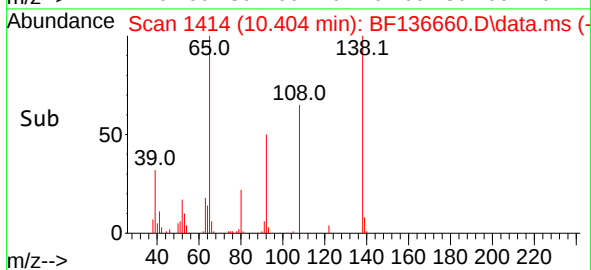
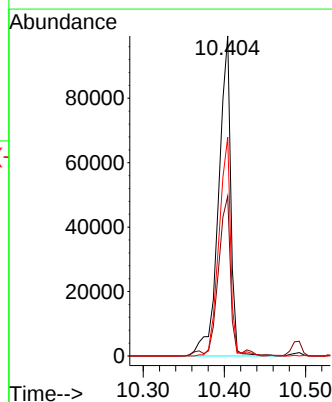
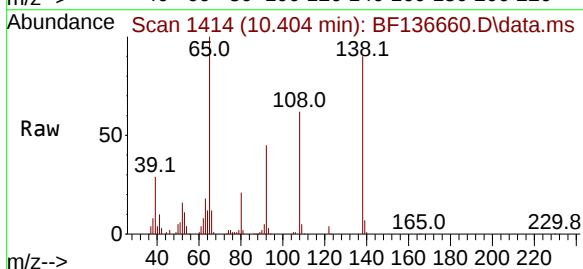
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

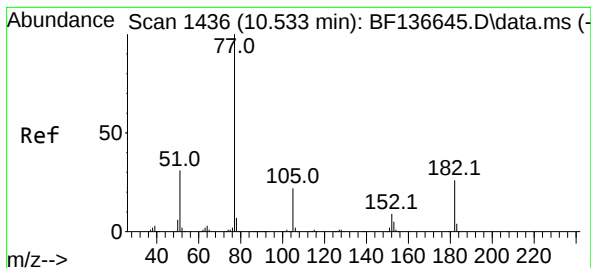
Tgt Ion:204 Resp: 201396
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 59.8 48.4 72.6



#62
4-Nitroaniline
Concen: 42.082 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:138 Resp: 103443
Ion Ratio Lower Upper
138 100
92 49.9 32.1 72.1
108 68.4 50.1 90.1





#63

Azobenzene

Concen: 40.462 ng

RT: 10.528 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 415884

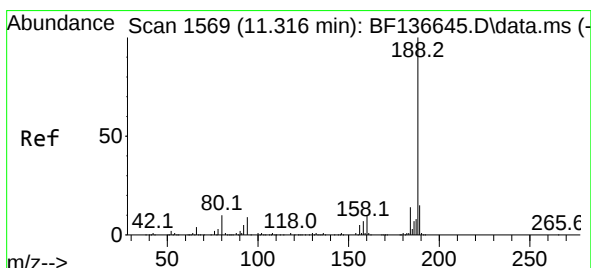
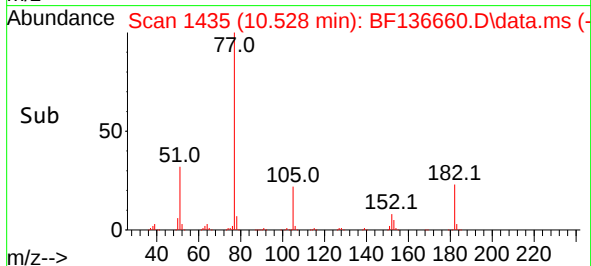
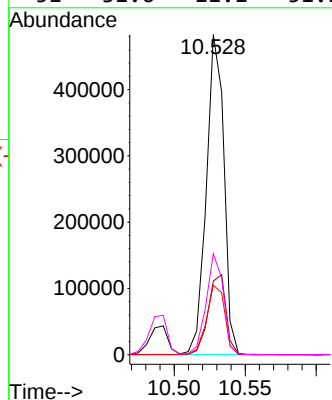
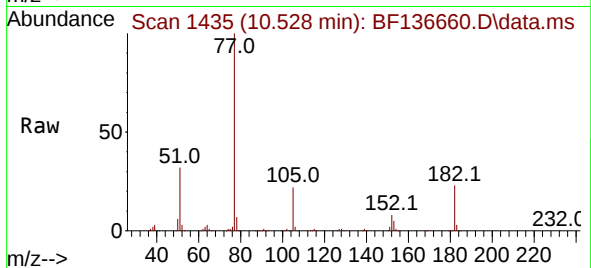
Ion Ratio Lower Upper

77 100

182 23.0 6.0 46.0

105 21.7 2.3 42.3

51 31.6 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

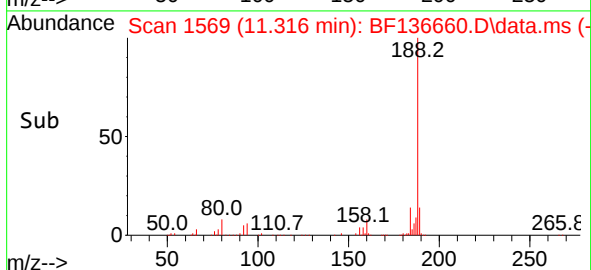
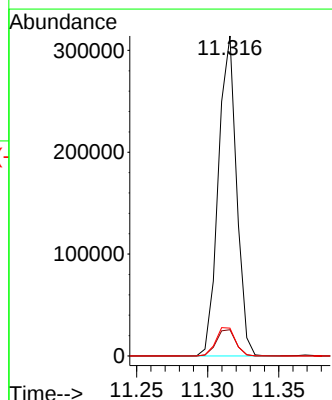
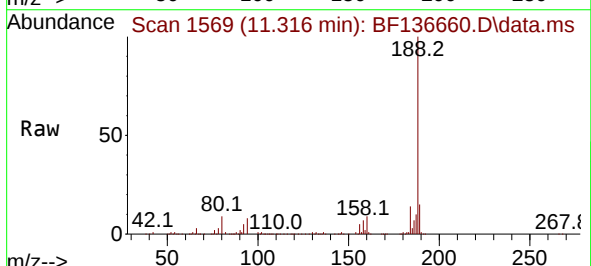
Tgt Ion: 188 Resp: 279756

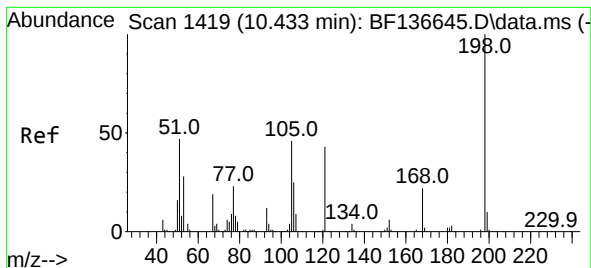
Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.7 8.1 12.1

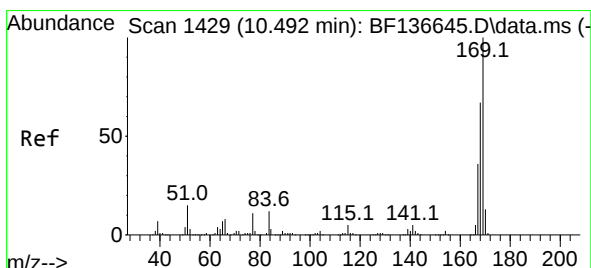
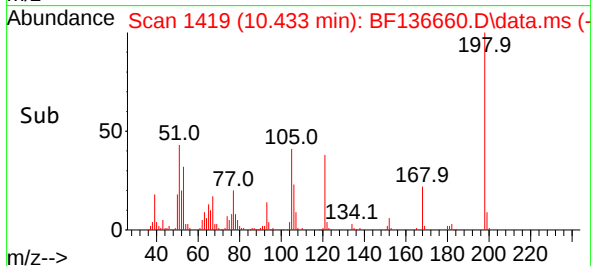
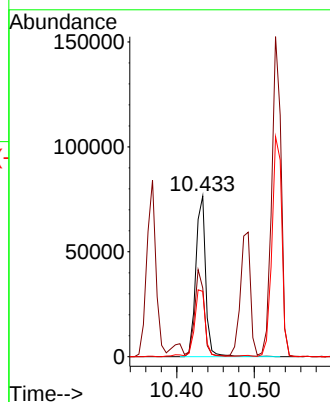
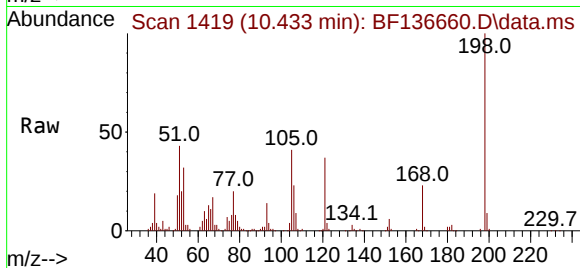




#65
4,6-Dinitro-2-methylphenol
Concen: 42.323 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

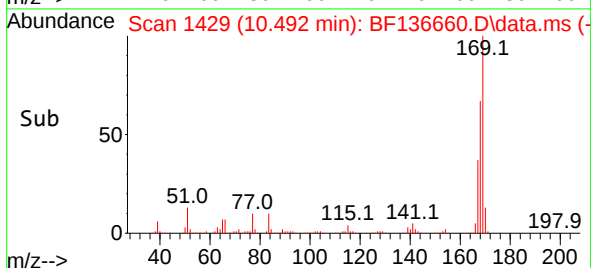
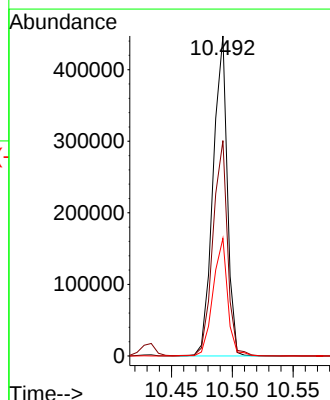
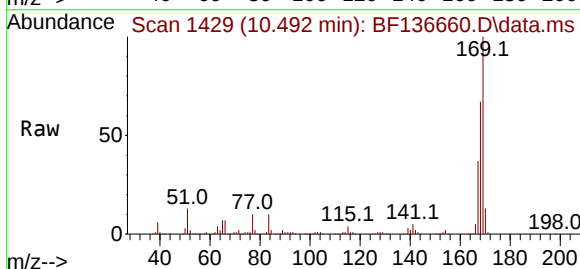
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 67855
Ion Ratio Lower Upper
198 100
51 42.7 34.1 74.1
105 40.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 39.881 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:169 Resp: 362432
Ion Ratio Lower Upper
169 100
168 67.3 53.8 80.6
167 36.7 28.7 43.1

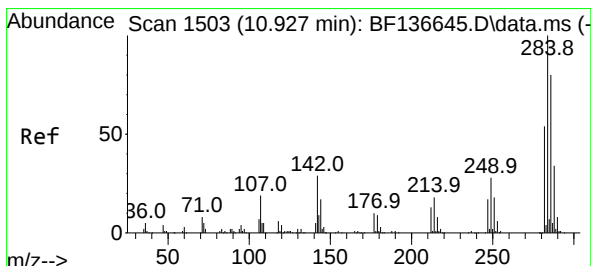
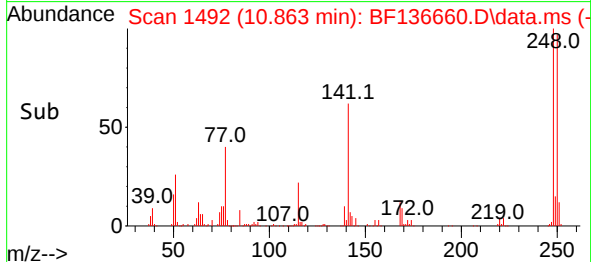
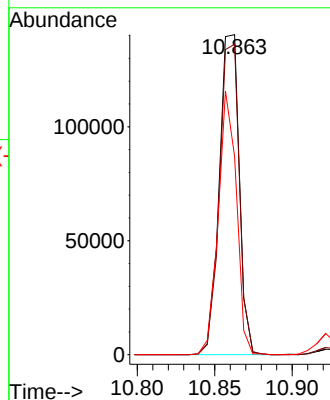
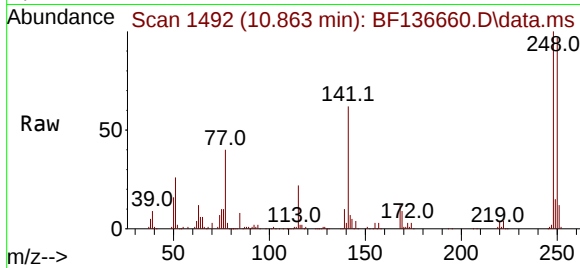




#67
4-Bromophenyl-phenylether
Concen: 40.628 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

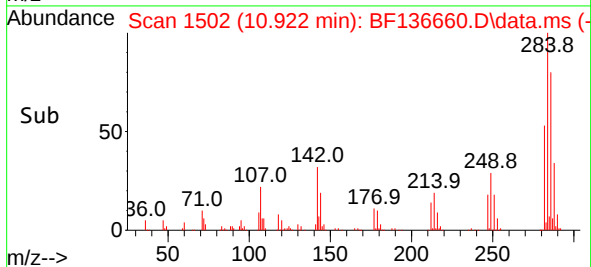
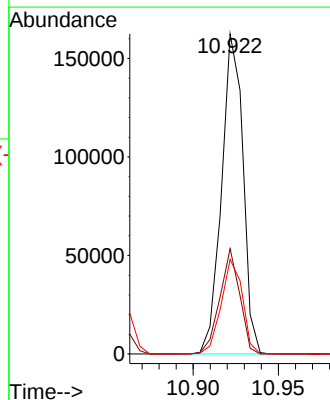
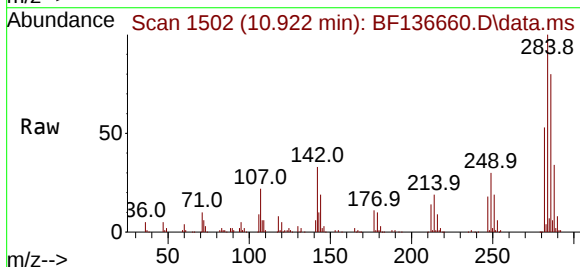
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 126226
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 61.9 59.2 88.8



#68
Hexachlorobenzene
Concen: 40.923 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:284 Resp: 141691
Ion Ratio Lower Upper
284 100
142 32.9 23.4 35.0
249 29.6 22.3 33.5





#69

Atrazine

Concen: 33.349 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

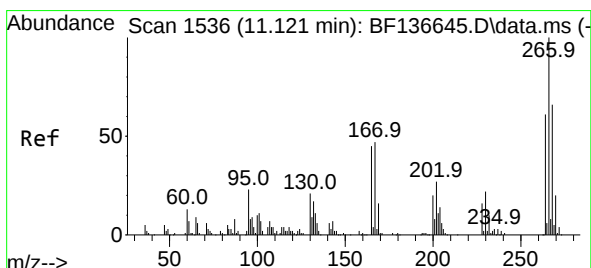
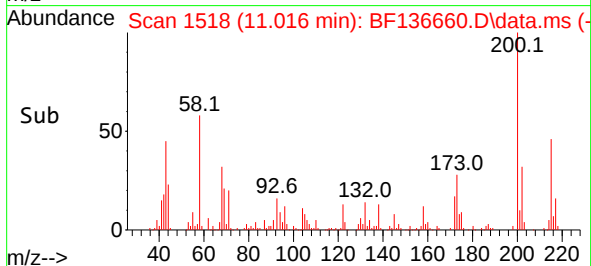
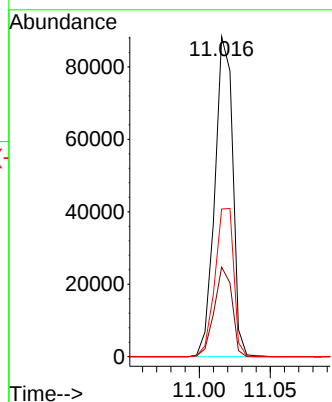
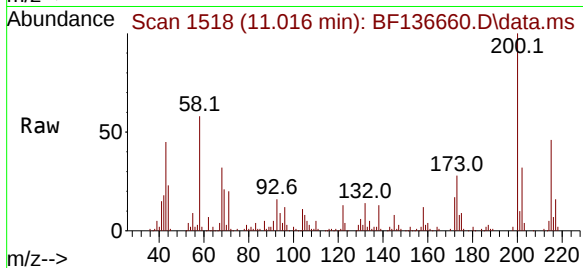
Tgt Ion:200 Resp: 77516

Ion Ratio Lower Upper

200 100

173 28.0 7.6 47.6

215 46.2 28.3 68.3



#70

Pentachlorophenol

Concen: 41.510 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

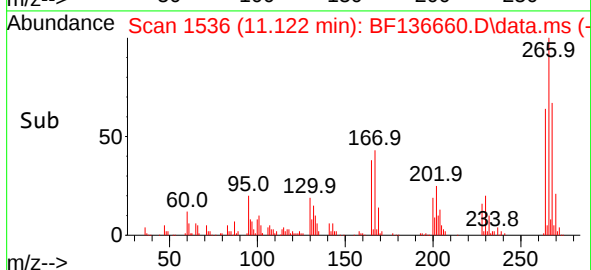
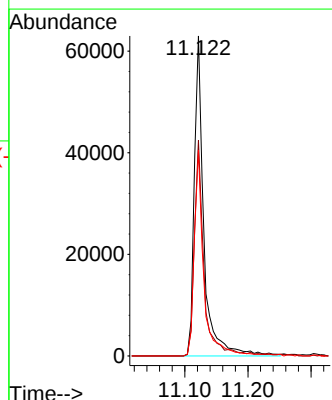
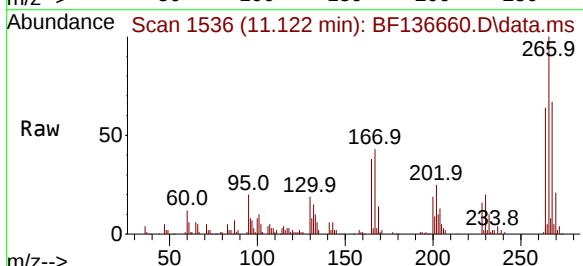
Tgt Ion:266 Resp: 66991

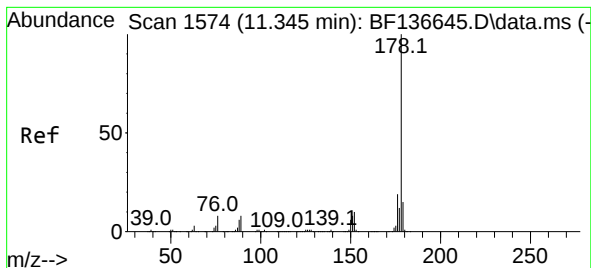
Ion Ratio Lower Upper

266 100

268 67.4 52.6 78.8

264 64.3 49.0 73.4





#71

Phenanthrene

Concen: 40.555 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

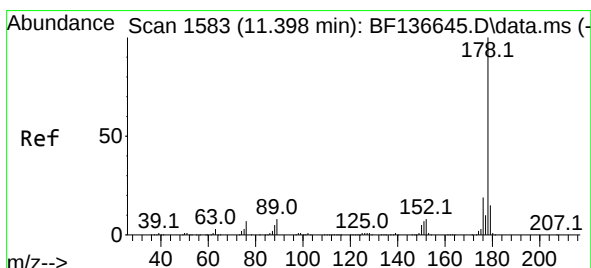
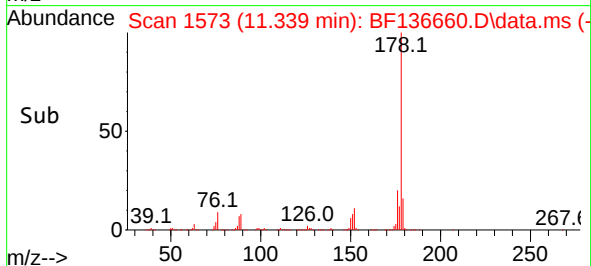
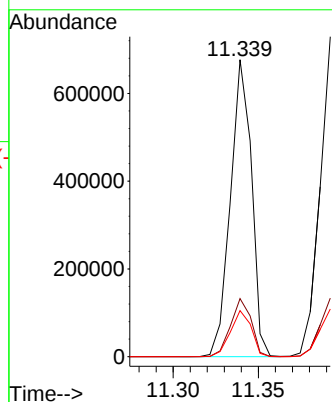
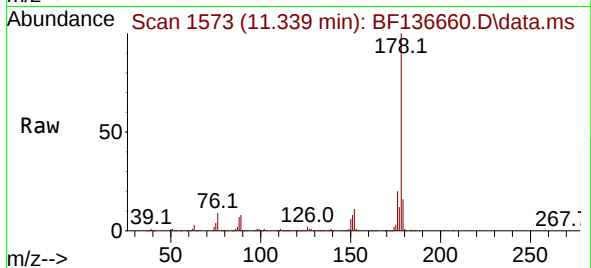
Tgt Ion:178 Resp: 582151

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

179 15.5 11.9 17.9



#72

Anthracene

Concen: 40.454 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

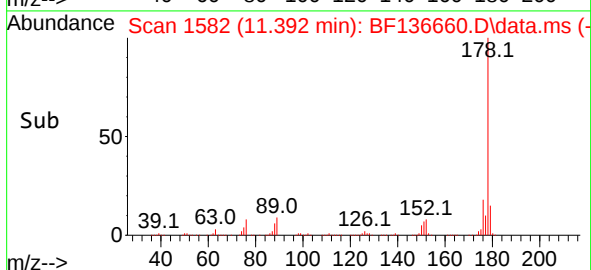
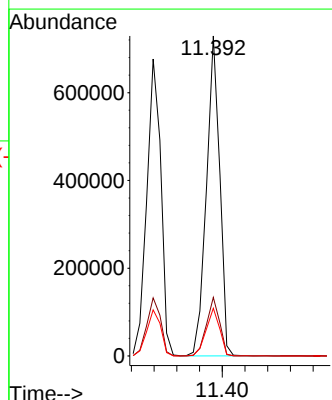
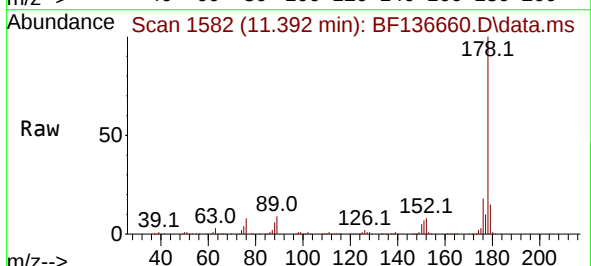
Tgt Ion:178 Resp: 588095

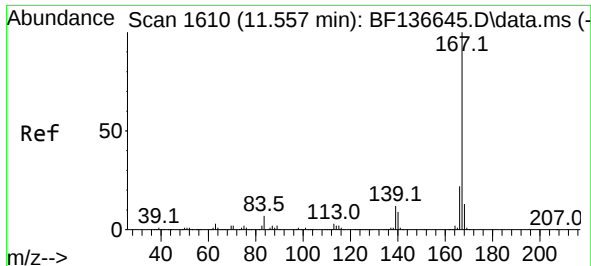
Ion Ratio Lower Upper

178 100

176 18.3 14.9 22.3

179 14.9 11.8 17.6

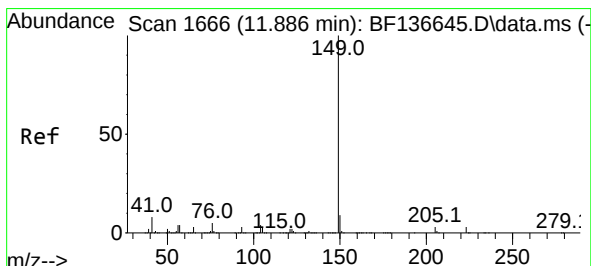
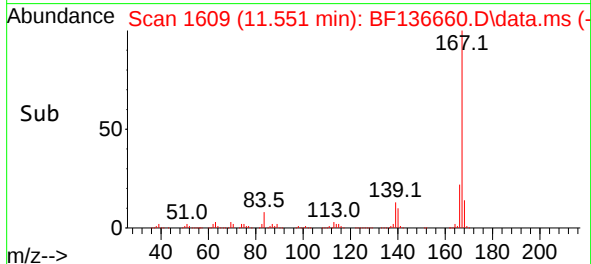
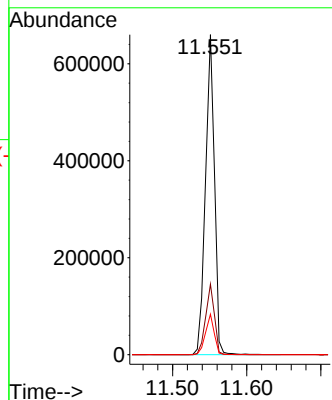
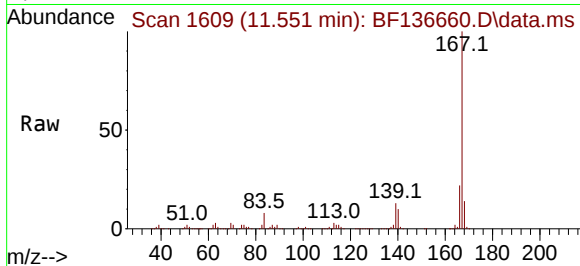




#73
 Carbazole
 Concen: 40.854 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

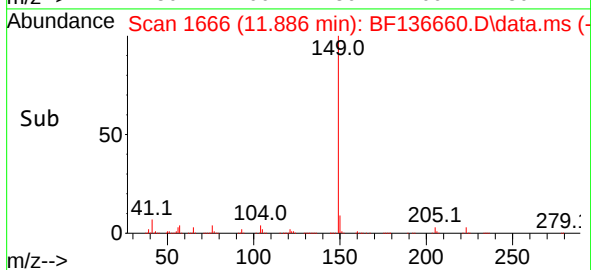
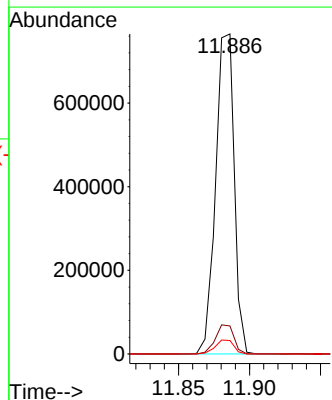
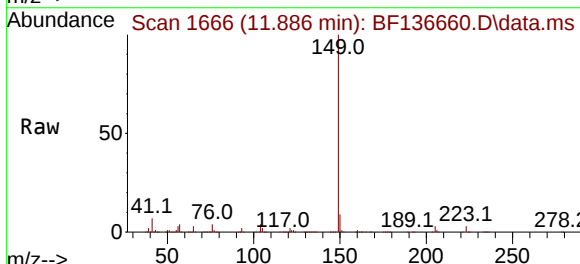
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 559949
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 12.7 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.678 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136660.D
 Acq: 21 Dec 2023 09:22

Tgt Ion:149 Resp: 697047
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.2
 104 4.2 3.6 5.4





#75

Fluoranthene

Concen: 40.739 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

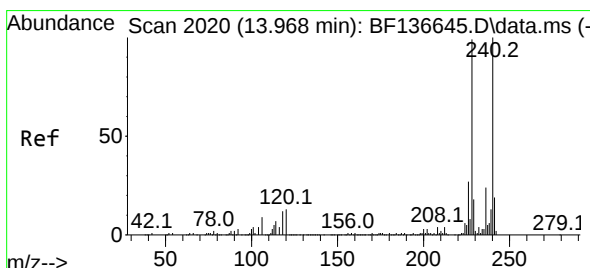
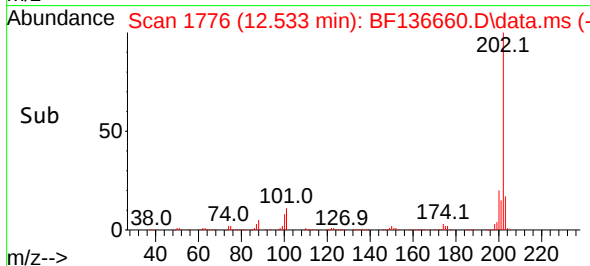
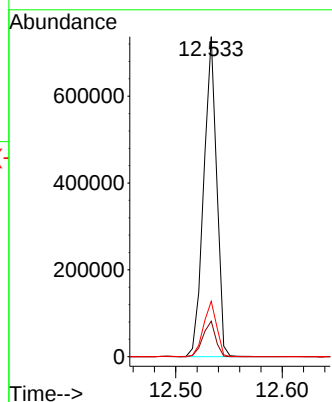
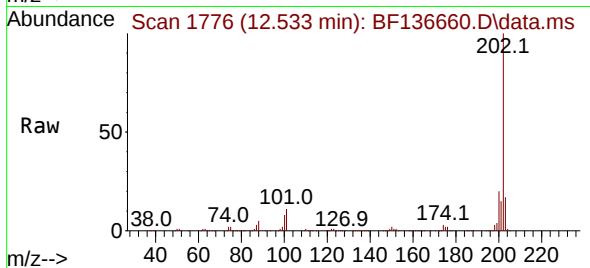
Tgt Ion:202 Resp: 625526

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.3

203 17.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

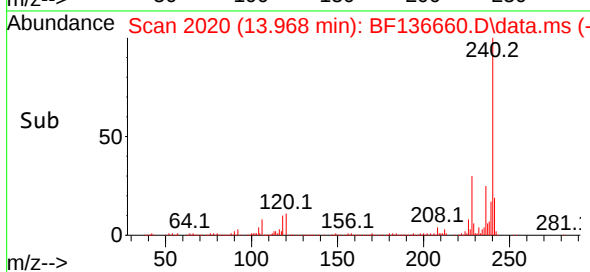
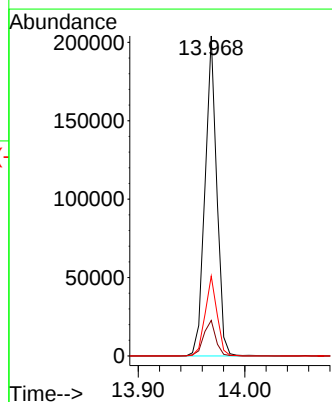
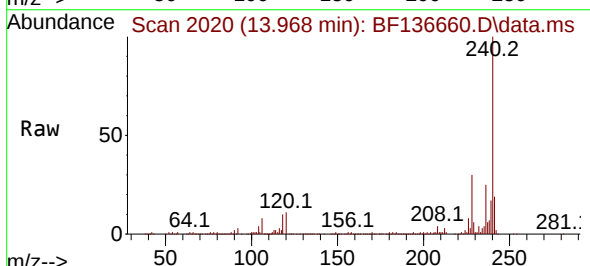
Tgt Ion:240 Resp: 157374

Ion Ratio Lower Upper

240 100

120 11.1 10.3 15.5

236 24.9 19.4 29.2





#77

Benzidine

Concen: 41.942 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

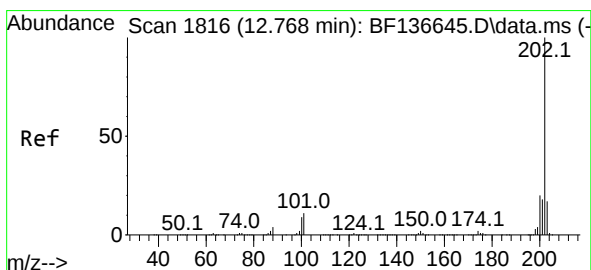
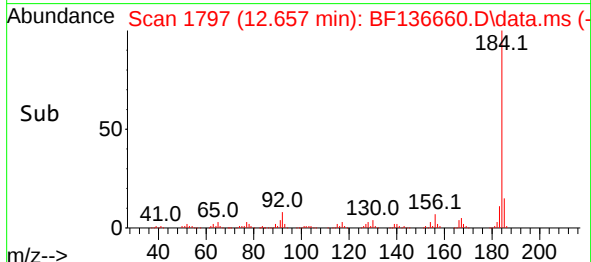
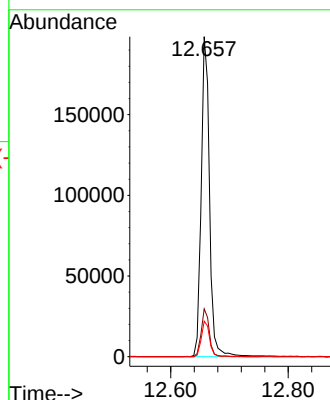
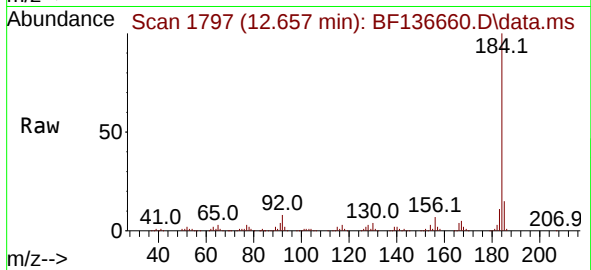
Tgt Ion:184 Resp: 194623

Ion Ratio Lower Upper

184 100

185 15.0 11.2 16.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 41.087 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

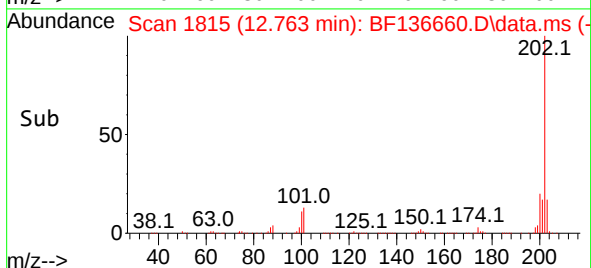
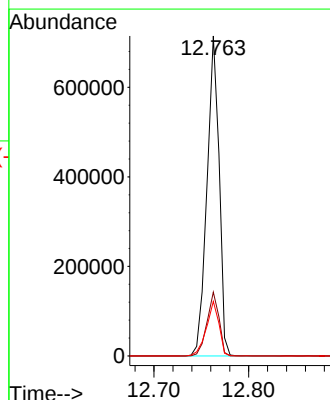
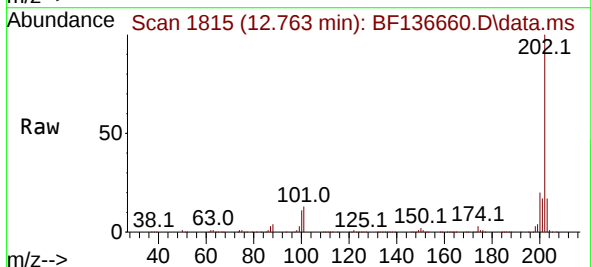
Tgt Ion:202 Resp: 634755

Ion Ratio Lower Upper

202 100

200 20.0 15.9 23.9

203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 80.811 ng

RT: 12.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

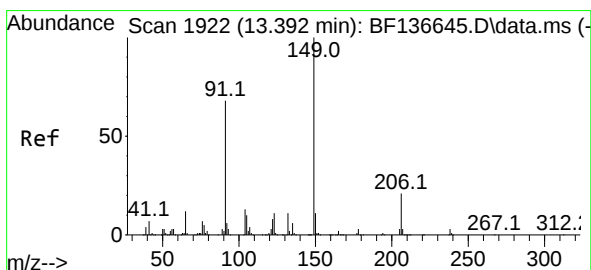
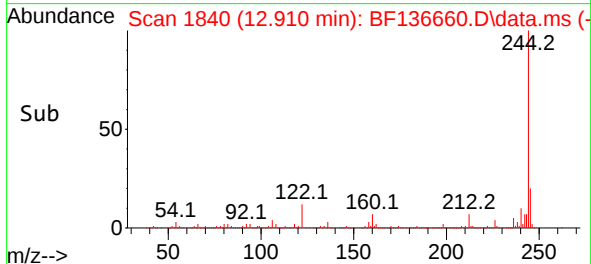
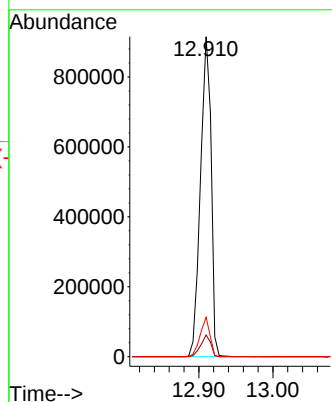
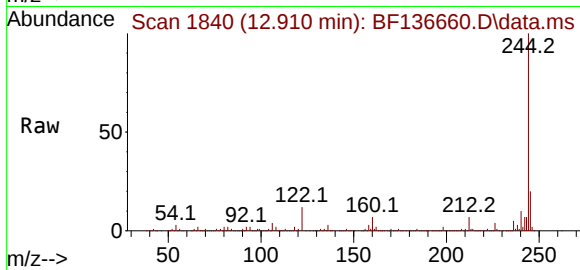
Tgt Ion:244 Resp: 910045

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 12.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.053 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

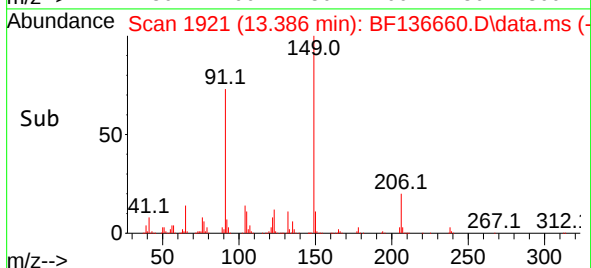
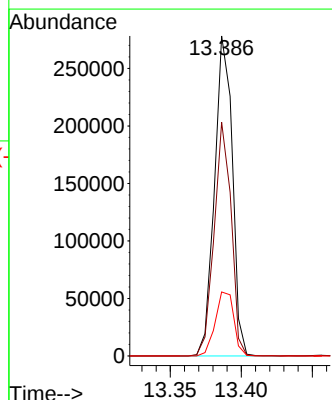
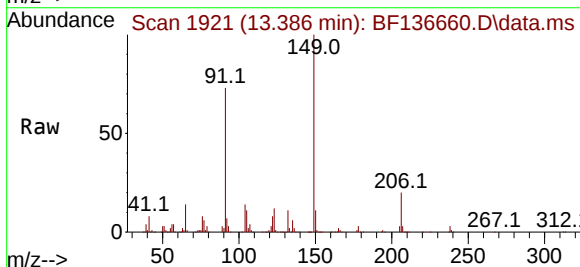
Tgt Ion:149 Resp: 242019

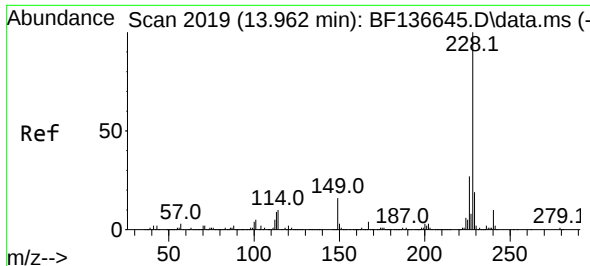
Ion Ratio Lower Upper

149 100

91 73.0 54.1 81.1

206 20.0 17.1 25.7

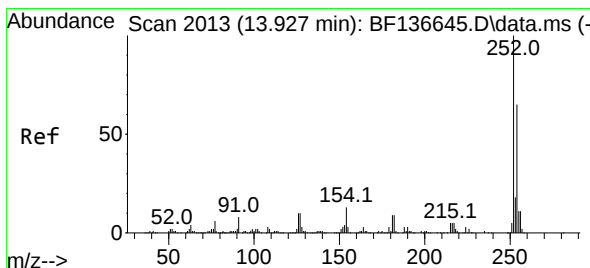
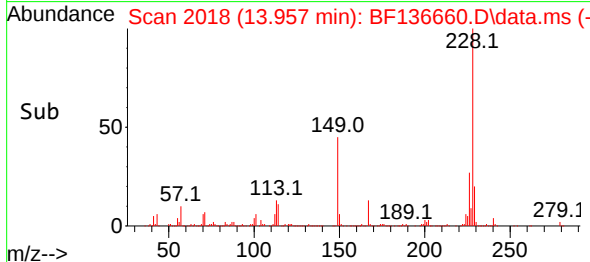
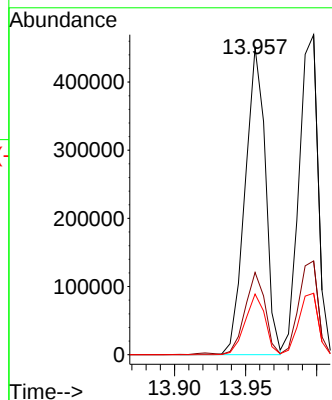
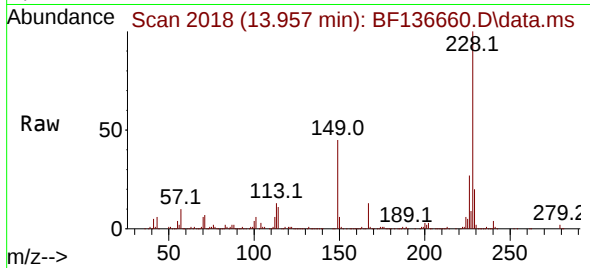




#81
Benzo(a)anthracene
Concen: 40.929 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

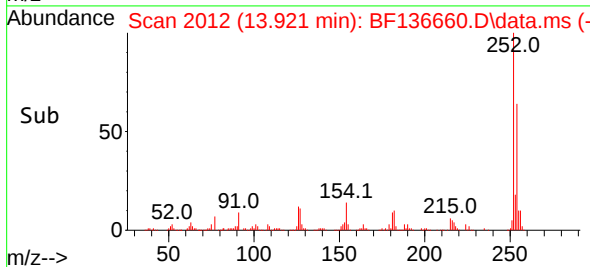
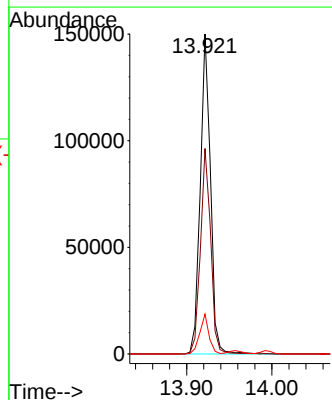
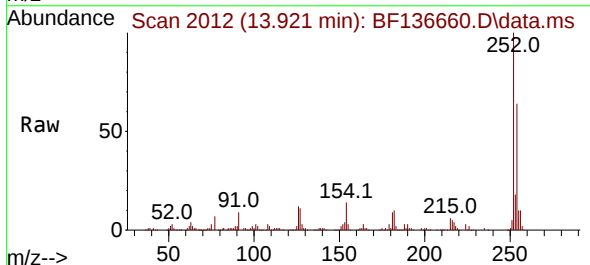
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

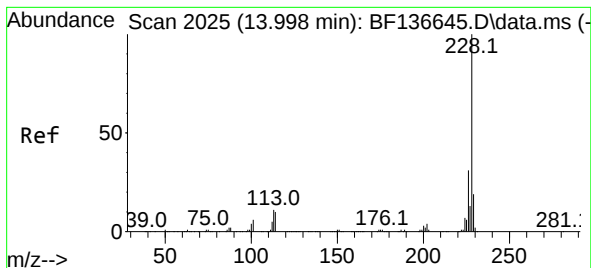
Tgt Ion:228 Resp: 447271
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.0
229 19.7 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 40.228 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:252 Resp: 124844
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 12.4 8.0 12.0#





#83

Chrysene

Concen: 41.156 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

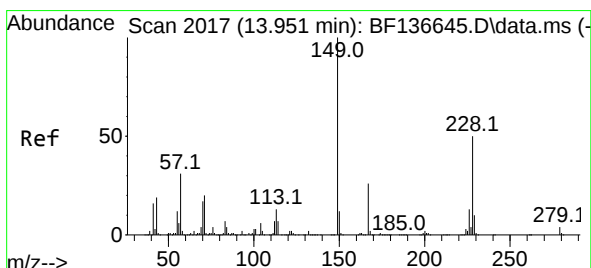
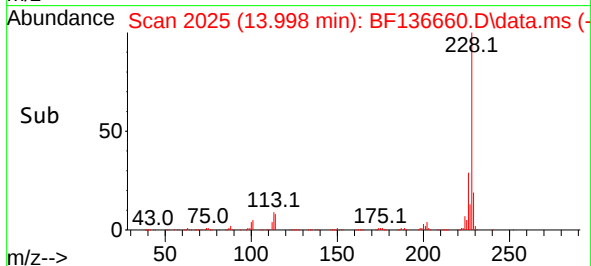
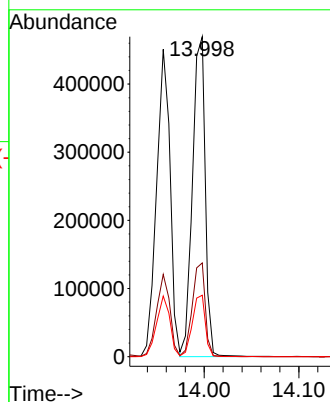
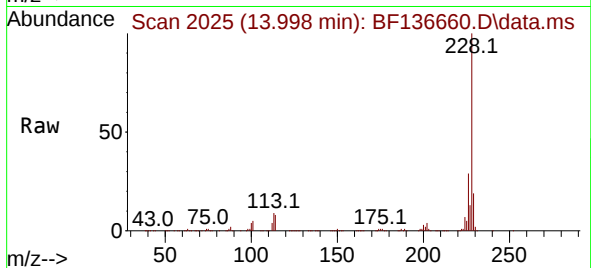
Tgt Ion:228 Resp: 439802

Ion Ratio Lower Upper

228 100

226 29.3 24.7 37.1

229 19.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.759 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

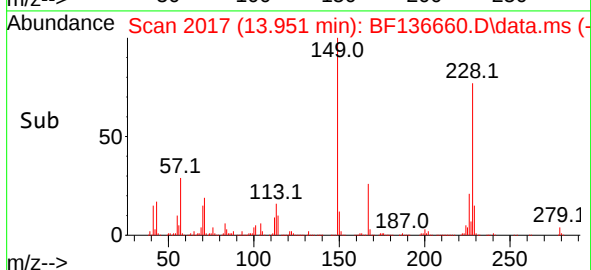
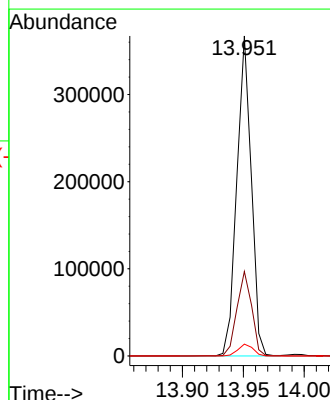
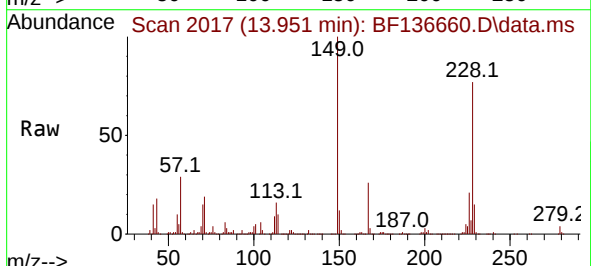
Tgt Ion:149 Resp: 302424

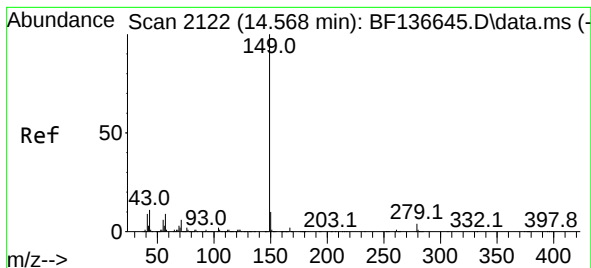
Ion Ratio Lower Upper

149 100

167 26.4 20.9 31.3

279 3.7 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 41.787 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

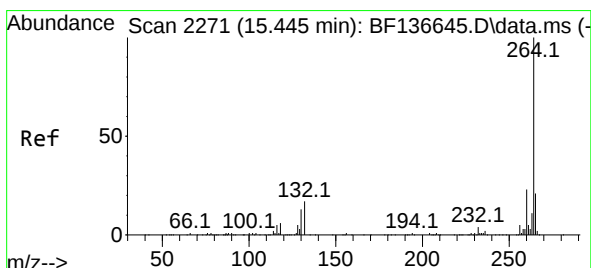
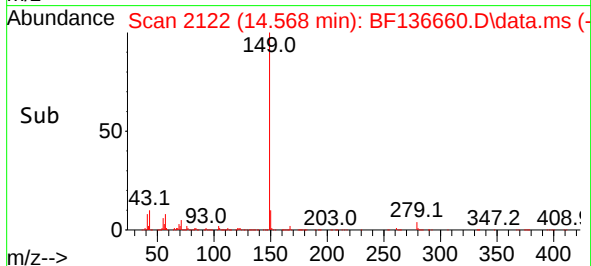
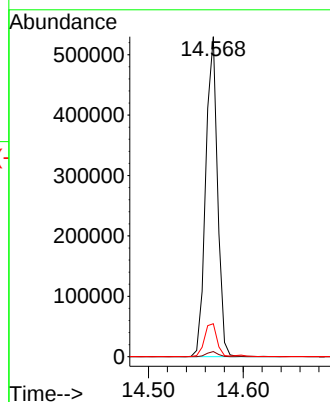
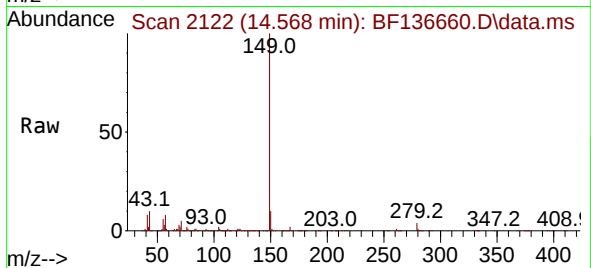
Tgt Ion:149 Resp: 457174

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

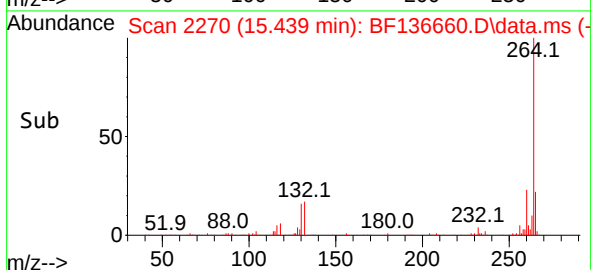
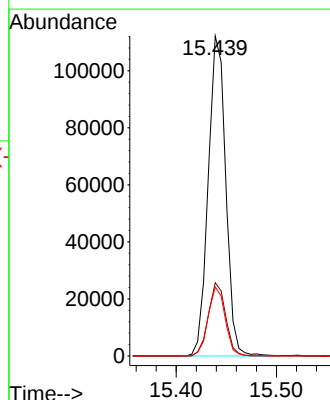
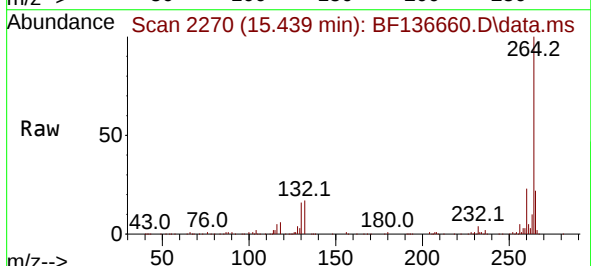
Tgt Ion:264 Resp: 136757

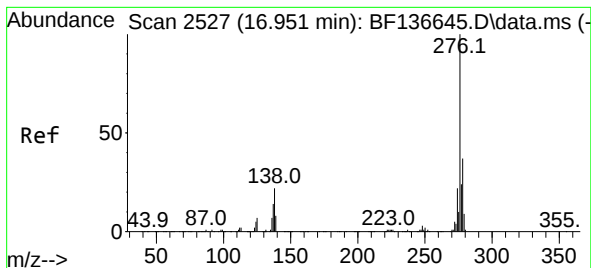
Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 21.6 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.071 ng

RT: 16.939 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

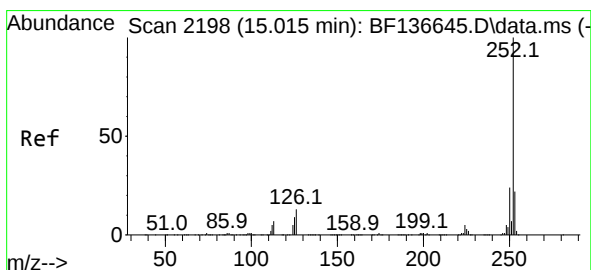
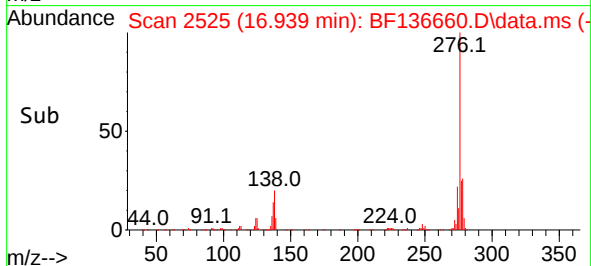
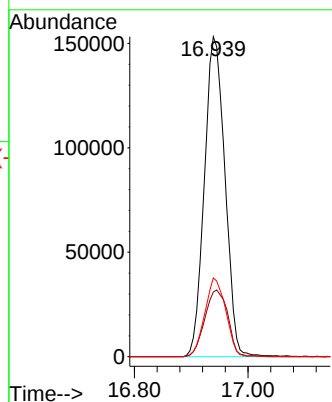
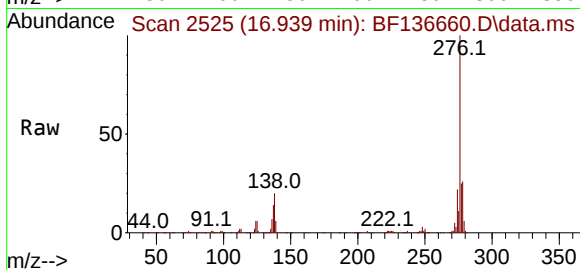
Tgt Ion:276 Resp: 385792

Ion Ratio Lower Upper

276 100

138 23.3 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 42.054 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

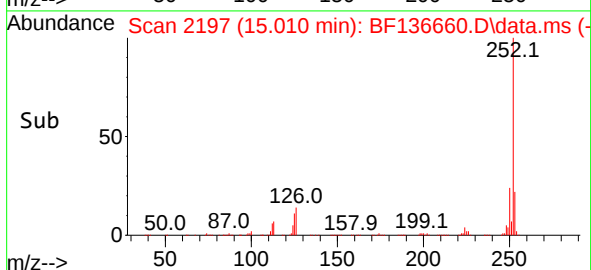
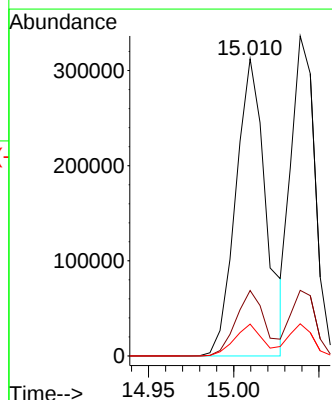
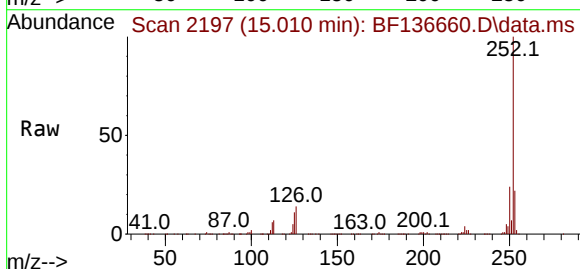
Tgt Ion:252 Resp: 384129

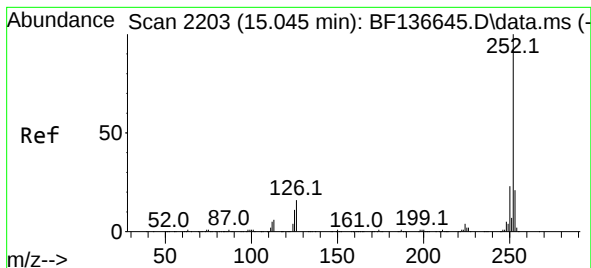
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 10.7 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 38.435 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

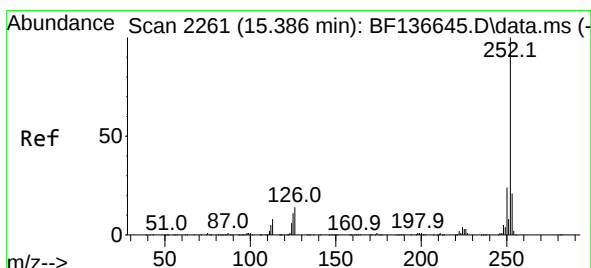
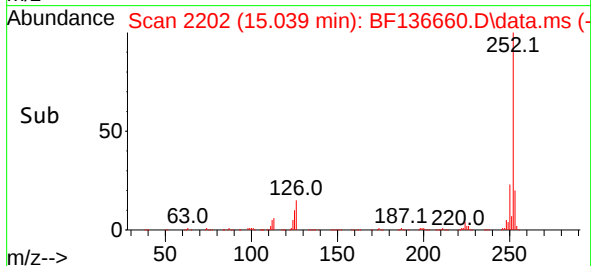
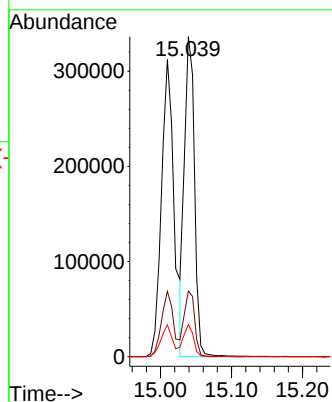
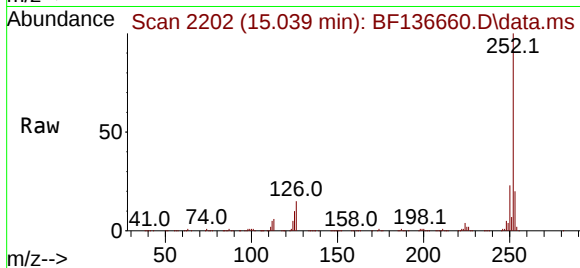
Tgt Ion:252 Resp: 331729

Ion Ratio Lower Upper

252 100

253 20.5 17.0 25.6

125 10.0 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.069 ng

RT: 15.380 min Scan# 2260

Delta R.T. -0.006 min

Lab File: BF136660.D

Acq: 21 Dec 2023 09:22

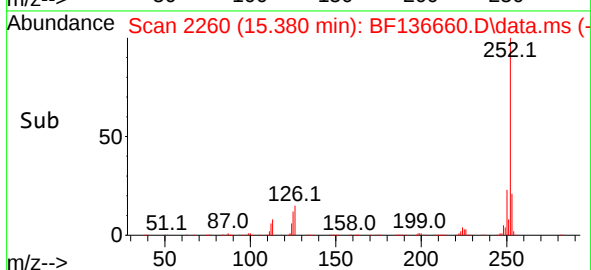
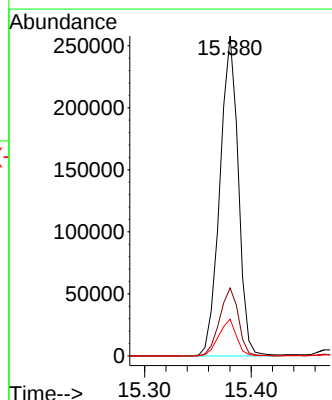
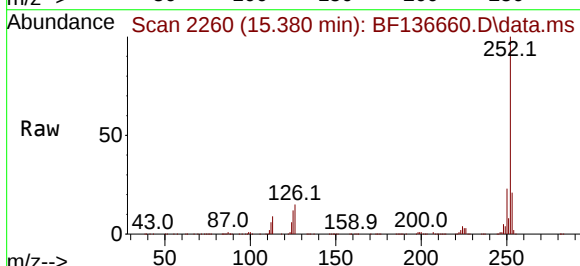
Tgt Ion:252 Resp: 308941

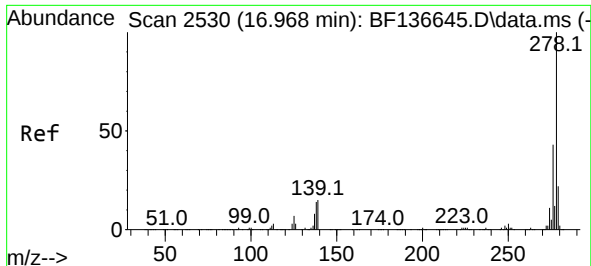
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.6

125 11.5 8.8 13.2

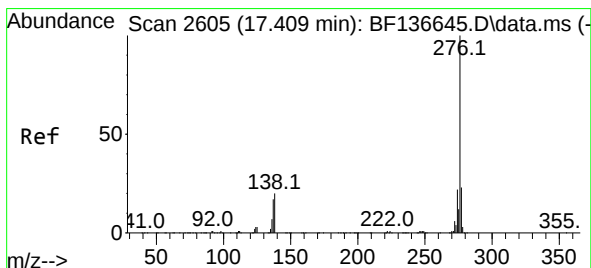
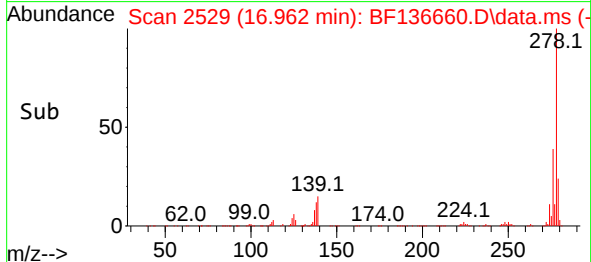
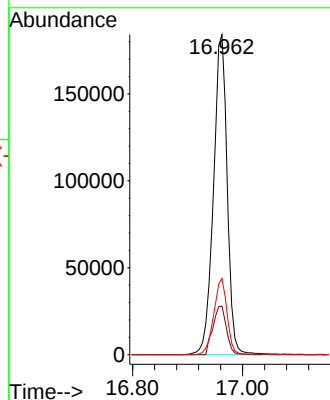
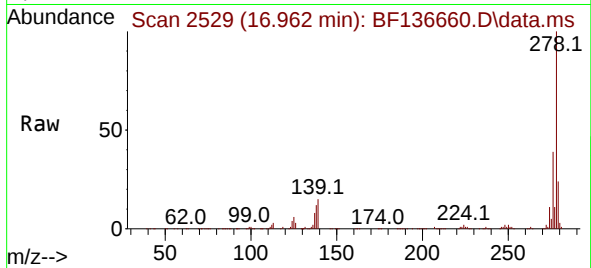




#91
Dibenzo(a,h)anthracene
Concen: 39.510 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 320061
Ion Ratio Lower Upper
278 100
139 15.2 12.2 18.4
279 23.8 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 38.799 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF136660.D
Acq: 21 Dec 2023 09:22

Tgt Ion:276 Resp: 321908
Ion Ratio Lower Upper
276 100
277 23.5 18.3 27.5
138 20.6 15.6 23.4

