

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136911.D
 Acq On : 03 Jan 2024 17:06
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 03 17:41:32 2024
 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	6.781	152	74052	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	285864	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	143424	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	269952	20.000	ng	0.00
76) Chrysene-d12	13.963	240	134759	20.000	ng	0.00
86) Perylene-d12	15.439	264	132736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	385588	81.244	ng	0.00
7) Phenol-d6	6.434	99	484504	78.784	ng	0.00
23) Nitrobenzene-d5	7.351	82	446563	79.937	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	134196	79.446	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	867384	81.341	ng	-0.01
79) Terphenyl-d14	12.904	244	847891	87.927	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	79288	40.095	ng	95
3) Pyridine	3.293	79	188724	39.115	ng	96
4) n-Nitrosodimethylamine	3.269	42	97767	37.945	ng	96
6) Aniline	6.451	93	228641	37.186	ng	# 55
8) 2-Chlorophenol	6.575	128	209690	40.373	ng	94
9) Benzaldehyde	6.340	77	130664	37.354	ng	97
10) Phenol	6.445	94	253331	38.589	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	200024	40.065	ng	97
12) 1,3-Dichlorobenzene	6.722	146	229098	40.435	ng	99
13) 1,4-Dichlorobenzene	6.798	146	229945	39.720	ng	98
14) 1,2-Dichlorobenzene	6.951	146	214741	39.863	ng	99
15) Benzyl Alcohol	6.934	79	161668	38.967	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	305920	37.479	ng	83
17) 2-Methylphenol	7.045	107	164821	38.307	ng	98
18) Hexachloroethane	7.287	117	83129	39.539	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	142076	38.111	ng	98
20) 3+4-Methylphenols	7.198	107	215478	40.086	ng	# 85
22) Acetophenone	7.192	105	288269	40.232	ng	# 93
24) Nitrobenzene	7.369	77	221834	39.641	ng	96
25) Isophorone	7.604	82	395015	38.860	ng	99
26) 2-Nitrophenol	7.681	139	108251	40.431	ng	98
27) 2,4-Dimethylphenol	7.722	122	132896	40.770	ng	95
28) bis(2-Chloroethoxy)met...	7.816	93	244252	39.530	ng	98
29) 2,4-Dichlorophenol	7.928	162	168350	40.117	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	189713	40.574	ng	96
31) Naphthalene	8.081	128	633826	40.359	ng	100
32) Benzoic acid	7.863	122	108144	34.289	ng	98
33) 4-Chloroaniline	8.139	127	218638	37.706	ng	96
34) Hexachlorobutadiene	8.192	225	113937	40.108	ng	99
35) Caprolactam	8.522	113	60921	44.005	ng	93
36) 4-Chloro-3-methylphenol	8.628	107	184100	38.968	ng	96
37) 2-Methylnaphthalene	8.775	142	400203	39.597	ng	98
38) 1-Methylnaphthalene	8.875	142	392370	39.570	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	190136	42.806	ng	99
41) Hexachlorocyclopentadiene	8.922	237	77002	55.940	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	112690	39.560	ng	97

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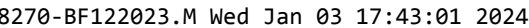
Instrument :
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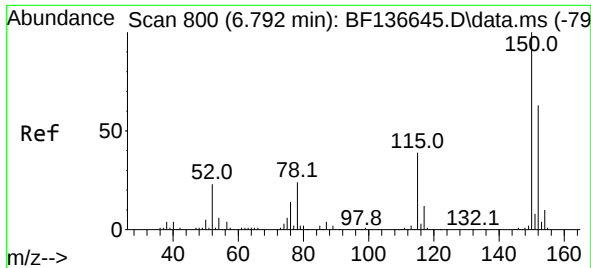
Quant Time: Jan 03 17:41:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	125358	39.491	ng	97
46) 1,1'-Biphenyl	9.239	154	491656	40.851	ng	99
47) 2-Chloronaphthalene	9.263	162	377039	41.209	ng	100
48) 2-Nitroaniline	9.369	65	113682	39.677	ng	92
49) Acenaphthylene	9.681	152	568892	40.679	ng	100
50) Dimethylphthalate	9.545	163	420583	40.147	ng	100
51) 2,6-Dinitrotoluene	9.610	165	95741	40.269	ng	93
52) Acenaphthene	9.851	154	352546	40.667	ng	98
53) 3-Nitroaniline	9.781	138	97094	38.551	ng	96
54) 2,4-Dinitrophenol	9.892	184	55278	43.727	ng	# 89
55) Dibenzofuran	10.022	168	518520	39.458	ng	99
56) 4-Nitrophenol	9.957	139	69892	41.108	ng	95
57) 2,4-Dinitrotoluene	10.016	165	121511	39.368	ng	95
58) Fluorene	10.369	166	417290	40.021	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	93593	38.302	ng	97
60) Diethylphthalate	10.245	149	428122	39.387	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	202245	39.905	ng	98
62) 4-Nitroaniline	10.398	138	98588	40.605	ng	96
63) Azobenzene	10.522	77	393039	38.715	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	66297	42.853	ng	94
66) n-Nitrosodiphenylamine	10.486	169	365547	41.685	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	124054	41.379	ng	99
68) Hexachlorobenzene	10.916	284	140195	41.962	ng	98
69) Atrazine	11.016	200	94762	42.249	ng	98
70) Pentachlorophenol	11.116	266	49896	32.040	ng	95
71) Phenanthrene	11.333	178	564108	40.726	ng	100
72) Anthracene	11.386	178	571745	40.758	ng	99
73) Carbazole	11.545	167	535955	40.524	ng	99
74) Di-n-butylphthalate	11.875	149	654673	40.566	ng	100
75) Fluoranthene	12.527	202	585166	39.495	ng	97
77) Benzidine	12.657	184	156362	39.352	ng	99
78) Pyrene	12.757	202	580566	43.886	ng	100
80) Butylbenzylphthalate	13.380	149	204288	42.440	ng	98
81) Benzo(a)anthracene	13.951	228	385802	41.229	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	111026	41.779	ng	96
83) Chrysene	13.992	228	371237	40.569	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	262382	43.323	ng	# 96
85) Di-n-octyl phthalate	14.557	149	372137	39.723	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	423010	44.138	ng	99
88) Benzo(b)fluoranthene	15.010	252	323177	36.453	ng	98
89) Benzo(k)fluoranthene	15.039	252	328107	39.167	ng	99
90) Benzo(a)pyrene	15.380	252	297618	39.770	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	352425	44.824	ng	98
92) Benzo(g,h,i)perylene	17.409	276	367343	45.616	ng	98

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

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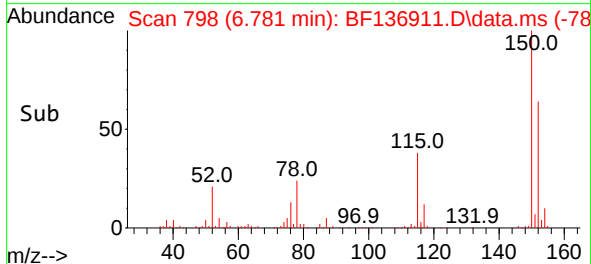
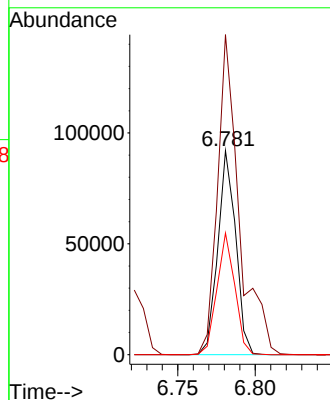
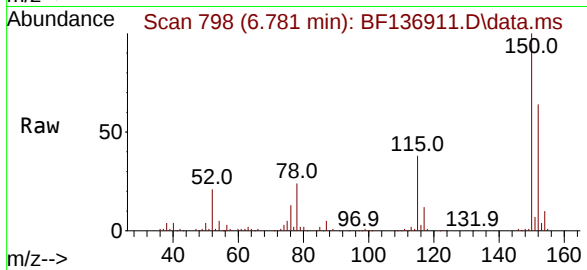




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136911.D
 Acq: 03 Jan 2024 17:06

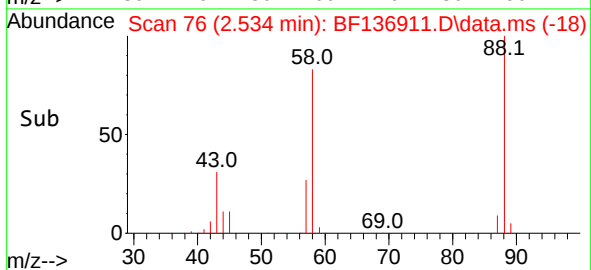
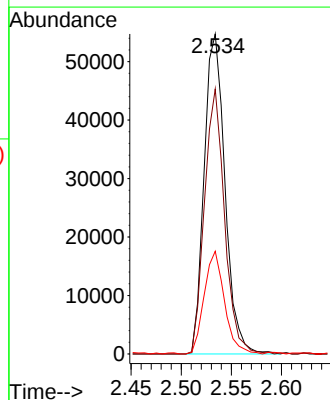
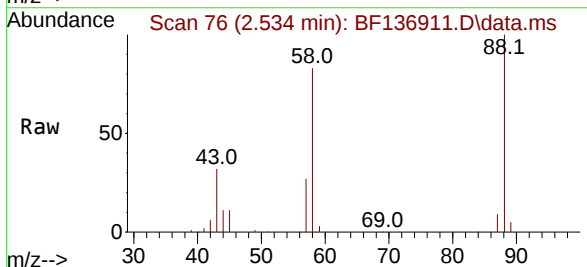
Instrument :
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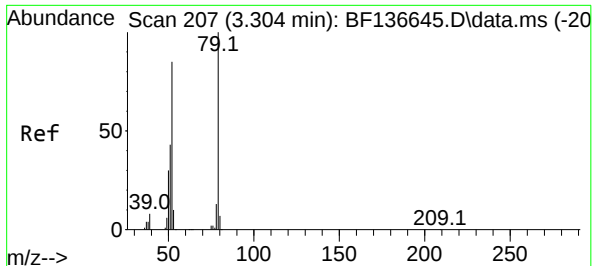
Tgt Ion:152 Resp: 74052
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.0 190.6
 115 59.6 49.0 73.4



#2
 1,4-Dioxane
 Concen: 40.095 ng
 RT: 2.534 min Scan# 76
 Delta R.T. -0.012 min
 Lab File: BF136911.D
 Acq: 03 Jan 2024 17:06

Tgt Ion: 88 Resp: 79288
 Ion Ratio Lower Upper
 88 100
 58 80.0 67.4 101.0
 43 31.3 27.7 41.5

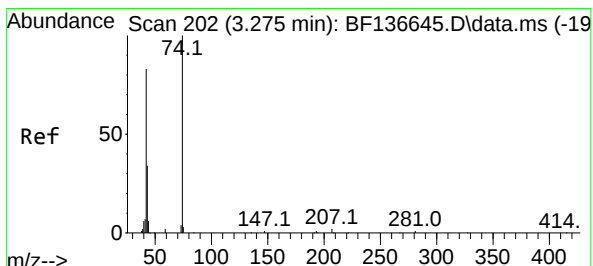
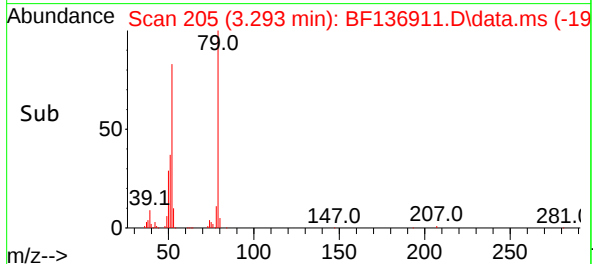
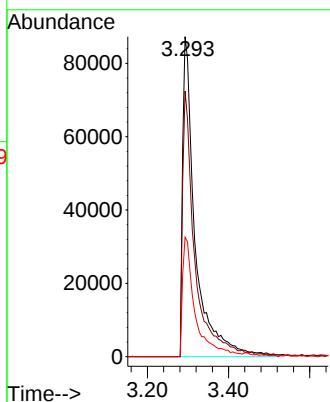
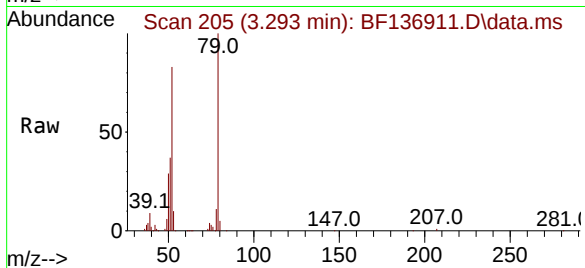




#3
Pyridine
Concen: 39.115 ng
RT: 3.293 min Scan# 207
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

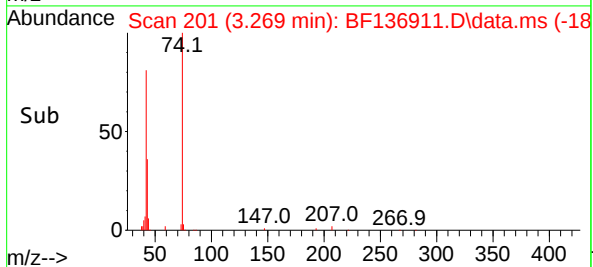
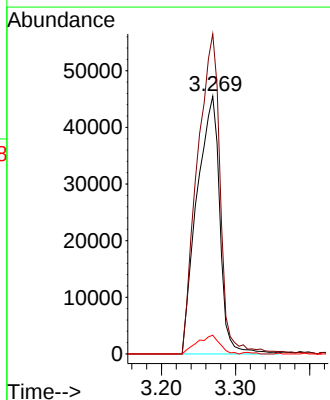
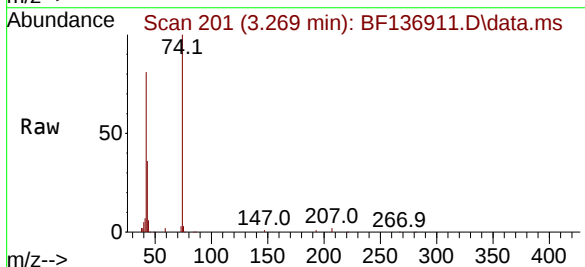
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 188724
Ion Ratio Lower Upper
79 100
52 83.0 67.7 101.5
51 37.3 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 37.945 ng
RT: 3.269 min Scan# 201
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 42 Resp: 97767
Ion Ratio Lower Upper
42 100
74 124.1 96.0 144.0
44 7.3 5.4 8.2

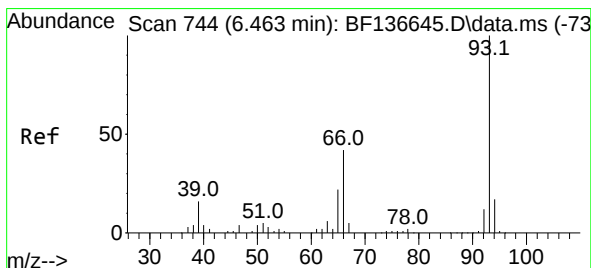
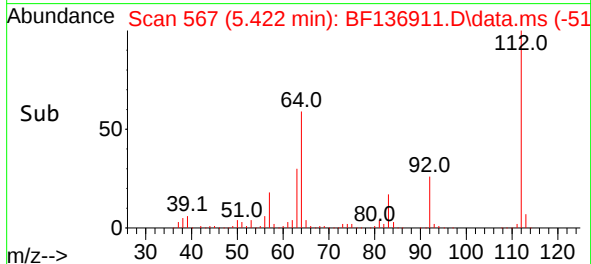
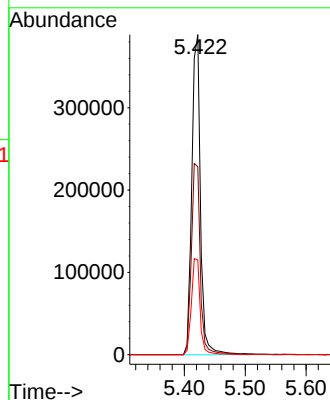
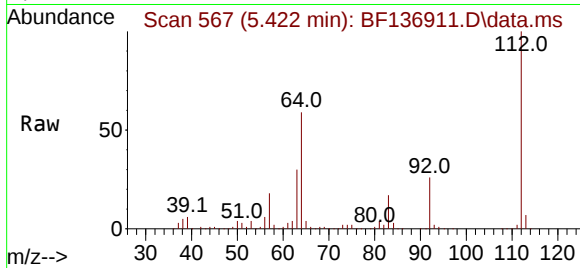




#5
2-Fluorophenol
Concen: 81.244 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

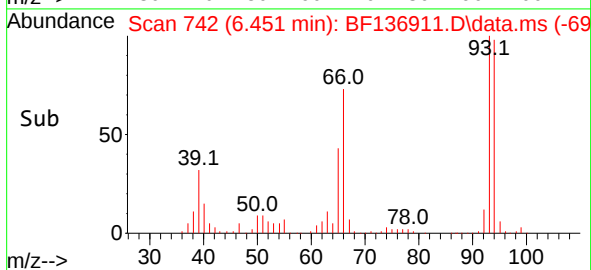
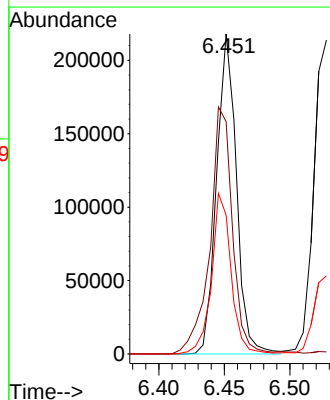
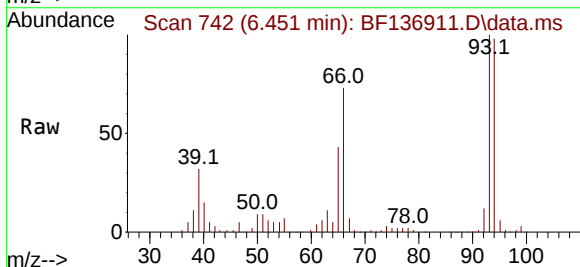
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BNA_F
ClientSampleId :
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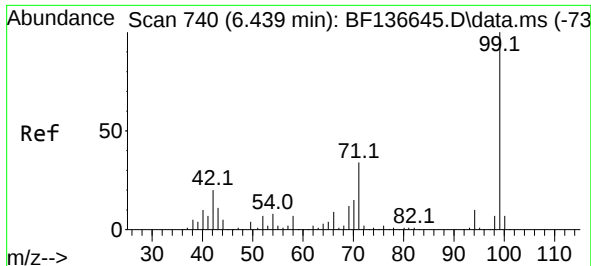
Tgt Ion:112 Resp: 385588
Ion Ratio Lower Upper
112 100
64 58.8 51.1 76.7
63 29.6 26.1 39.1



#6
Aniline
Concen: 37.186 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 93 Resp: 228641
Ion Ratio Lower Upper
93 100
66 72.6 34.6 51.8#
65 43.4 17.8 26.8#

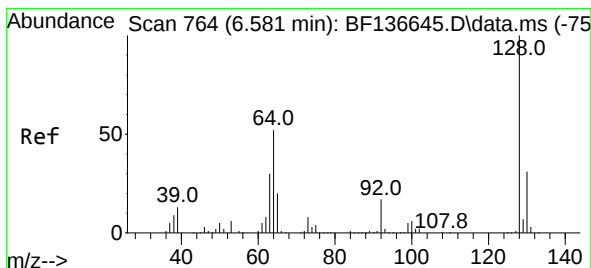
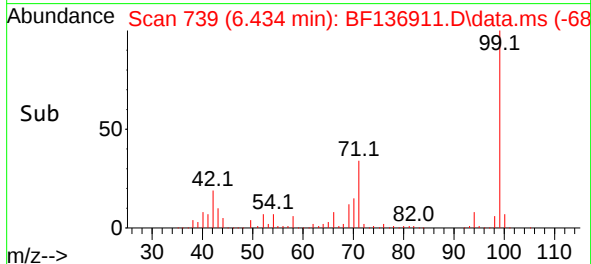
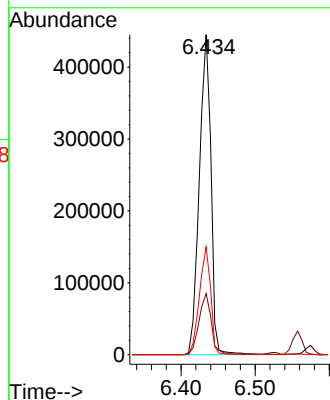
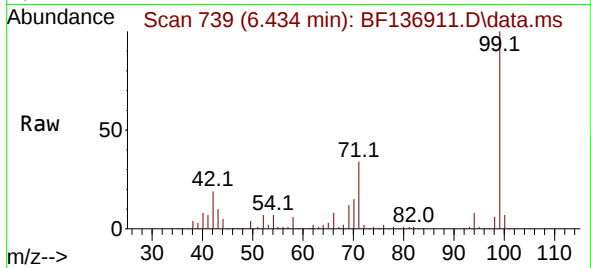




#7
Phenol-d6
Concen: 78.784 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

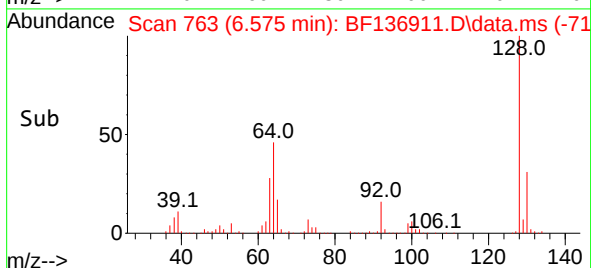
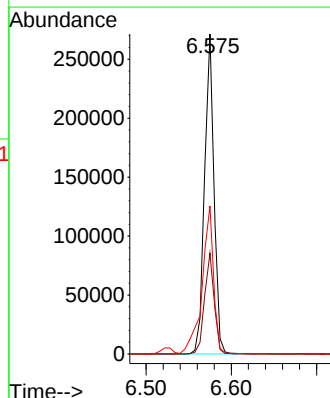
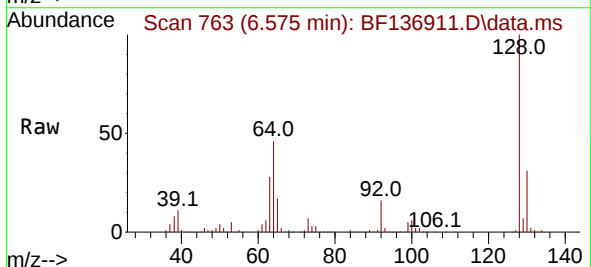
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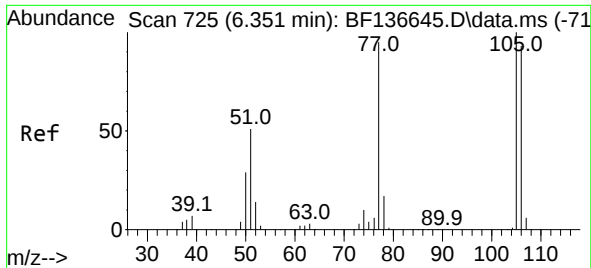
Tgt Ion: 99 Resp: 484504
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 33.7 27.4 41.2



#8
2-Chlorophenol
Concen: 40.373 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 128 Resp: 209690
Ion Ratio Lower Upper
128 100
130 31.5 11.3 51.3
64 46.3 32.5 72.5





#9

Benzaldehyde

Concen: 37.354 ng

RT: 6.340 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

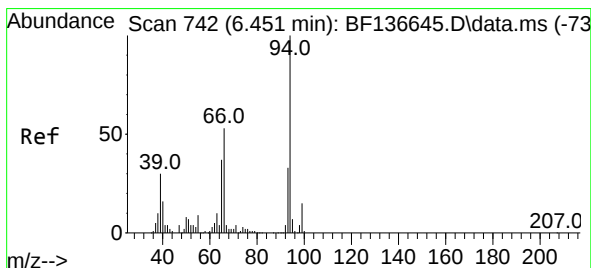
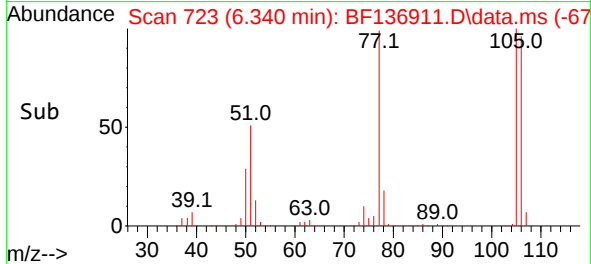
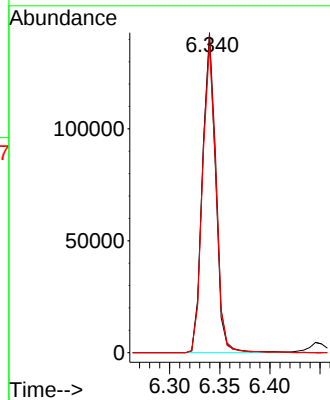
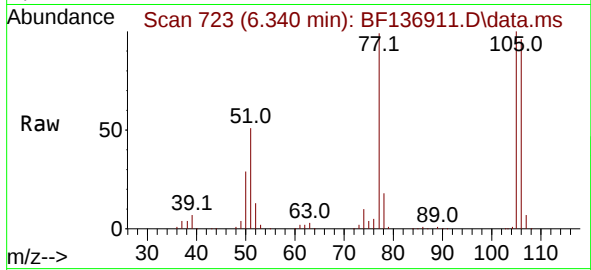
Tgt Ion: 77 Resp: 130664

Ion Ratio Lower Upper

77 100

105 100.7 84.8 124.8

106 96.4 77.8 117.8



#10

Phenol

Concen: 38.589 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

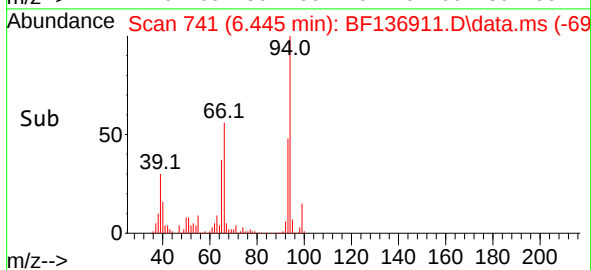
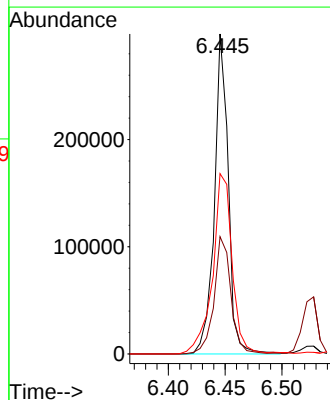
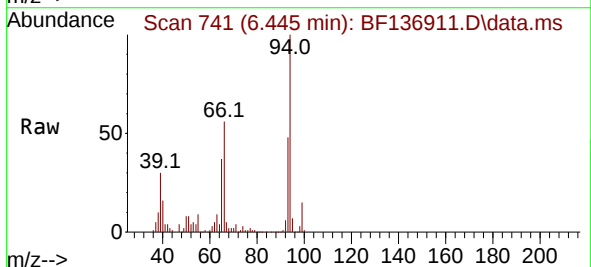
Tgt Ion: 94 Resp: 253331

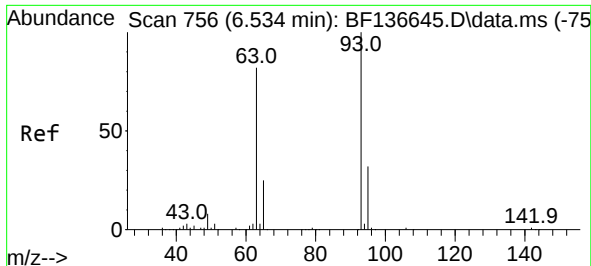
Ion Ratio Lower Upper

94 100

65 36.7 16.6 56.6

66 56.4 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 40.065 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

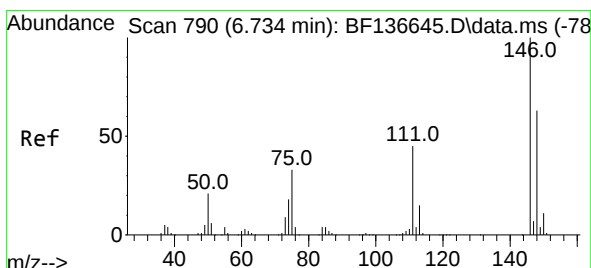
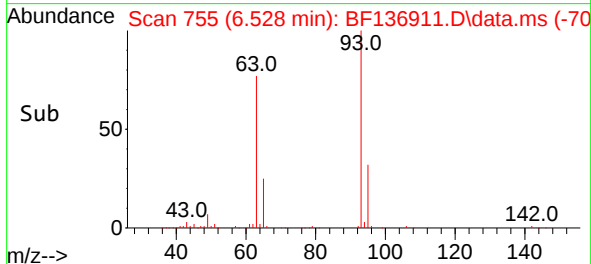
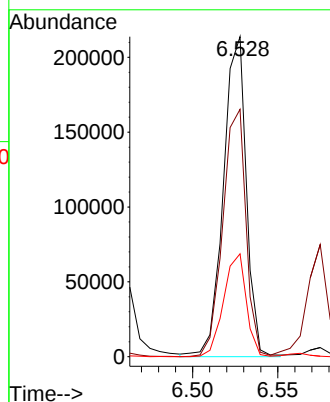
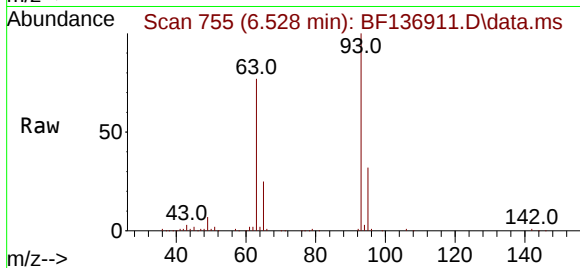
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 200024

Ion	Ratio	Lower	Upper
93	100		
63	77.3	61.2	101.2
95	32.2	11.6	51.6



#12

1,3-Dichlorobenzene

Concen: 40.435 ng

RT: 6.722 min Scan# 788

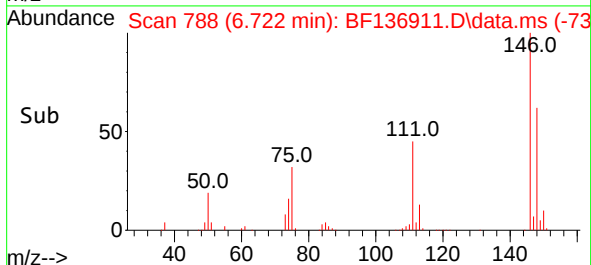
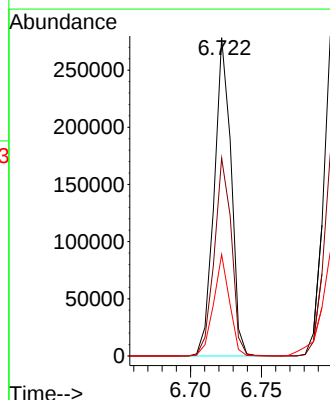
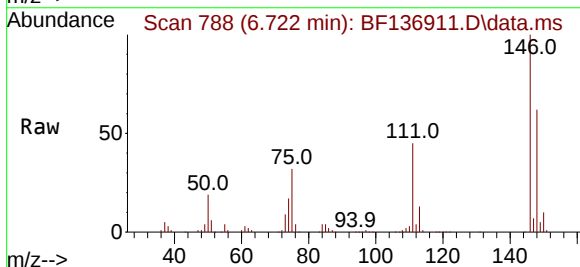
Delta R.T. -0.012 min

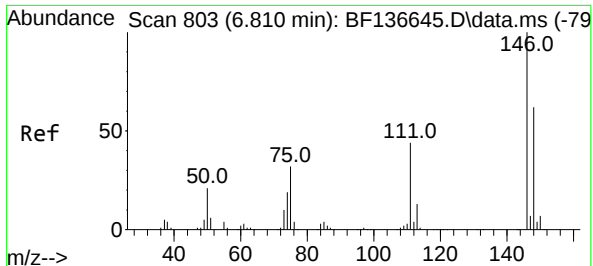
Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Tgt Ion: 146 Resp: 229098

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.5	75.7
75	31.9	26.2	39.4





#13

1,4-Dichlorobenzene

Concen: 39.720 ng

RT: 6.798 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

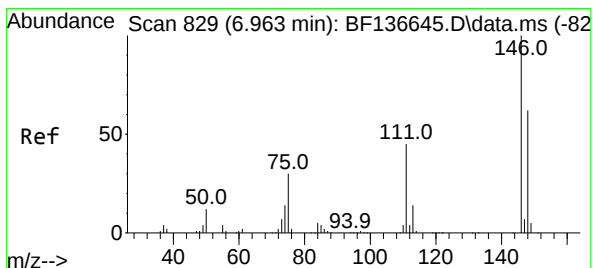
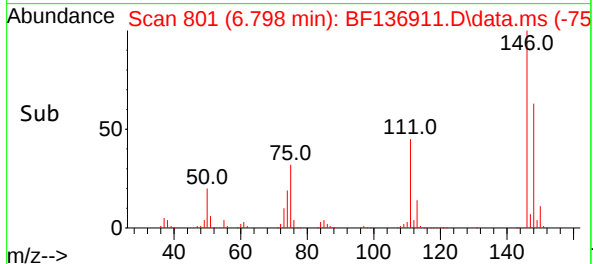
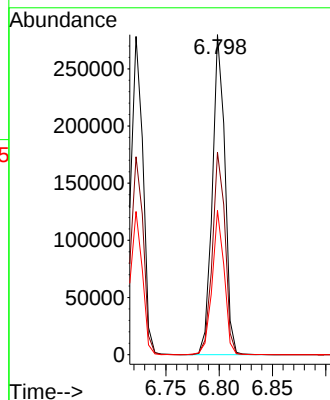
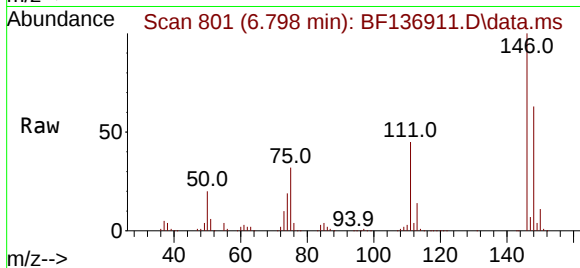
Tgt Ion:146 Resp: 229945

Ion Ratio Lower Upper

146 100

148 63.2 49.2 73.8

111 45.1 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.863 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

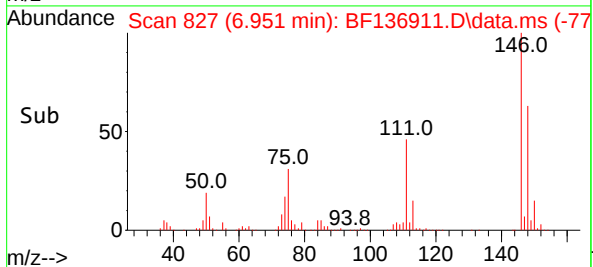
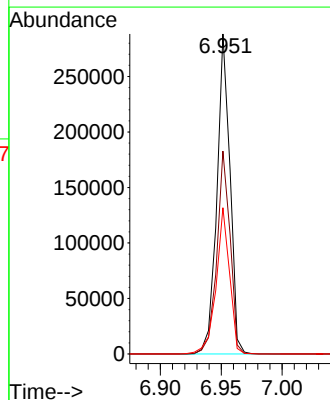
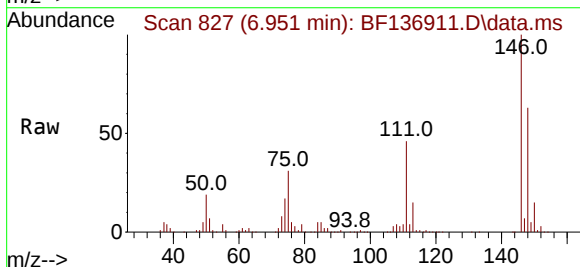
Tgt Ion:146 Resp: 214741

Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

111 45.7 36.2 54.2

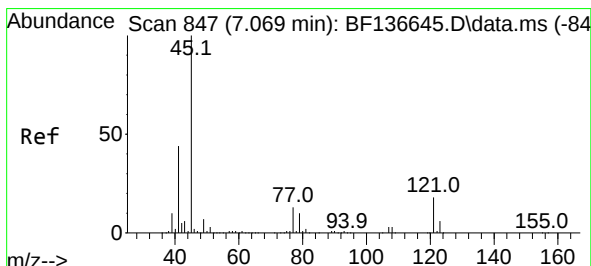
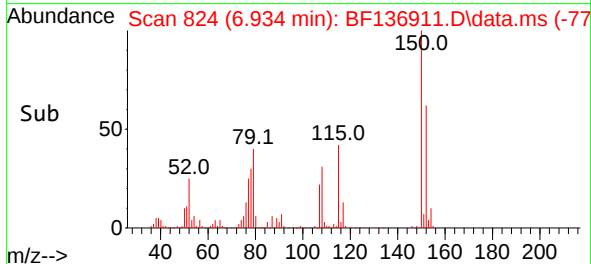
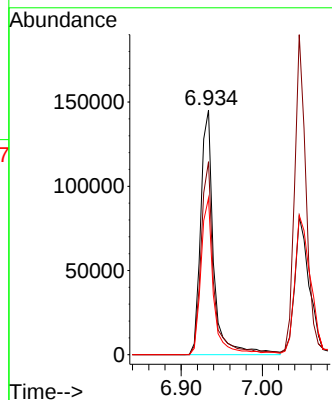
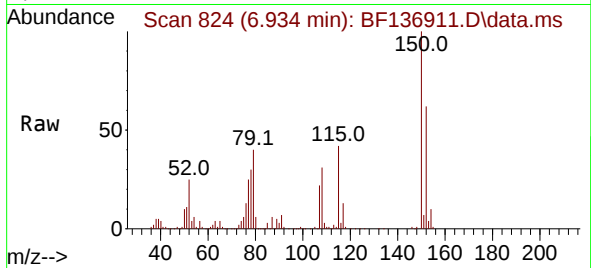




#15
Benzyl Alcohol
Concen: 38.967 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

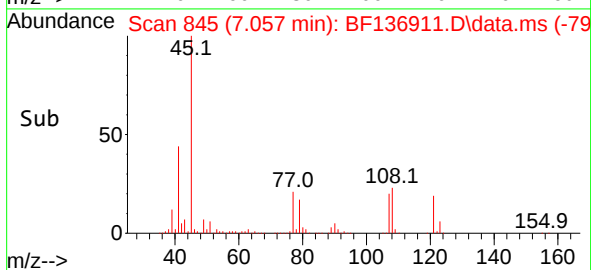
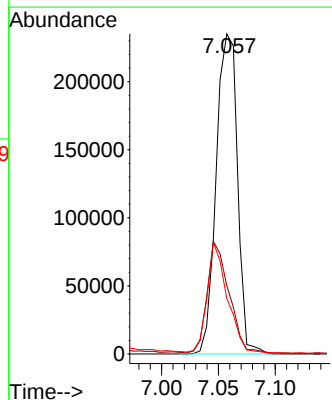
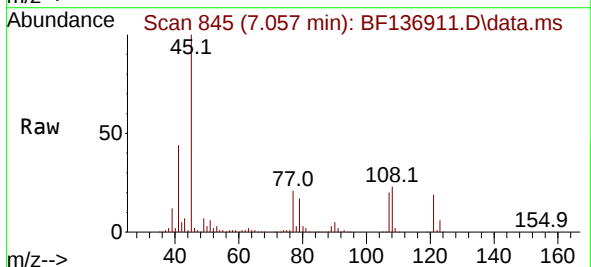
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

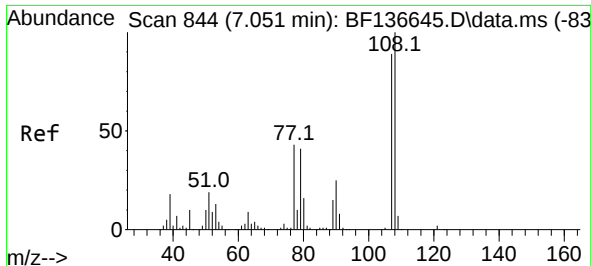
Tgt Ion: 79 Resp: 161668
Ion Ratio Lower Upper
79 100
108 78.9 61.0 91.6
77 64.0 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.479 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 45 Resp: 305920
Ion Ratio Lower Upper
45 100
77 21.4 0.0 34.3
79 17.4 0.0 31.4

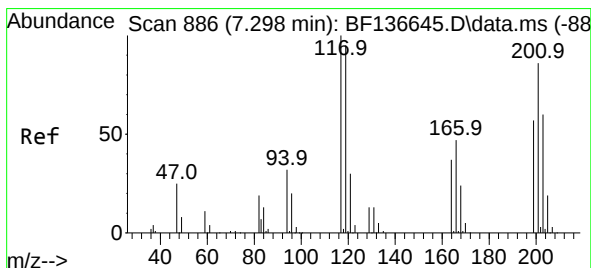
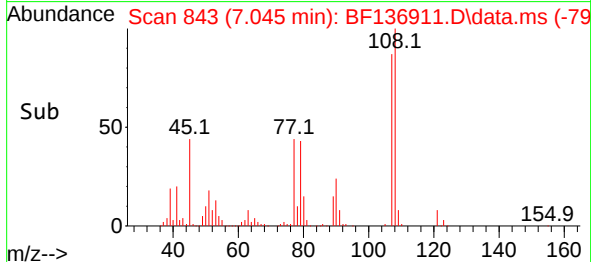
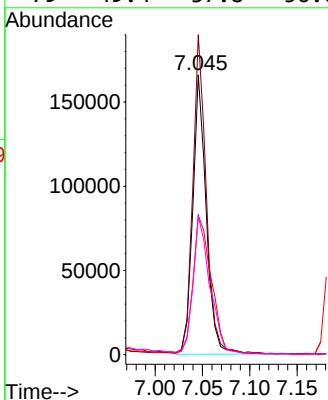
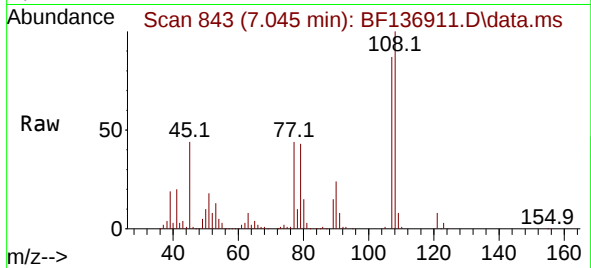




#17
2-Methylphenol
Concen: 38.307 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

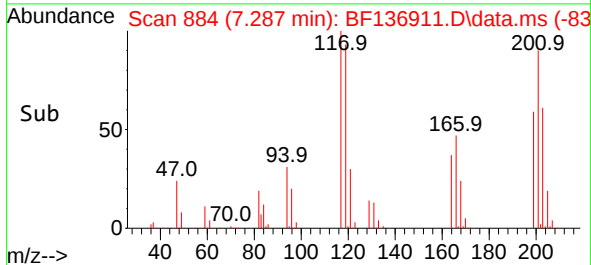
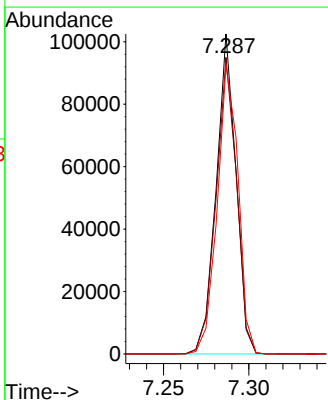
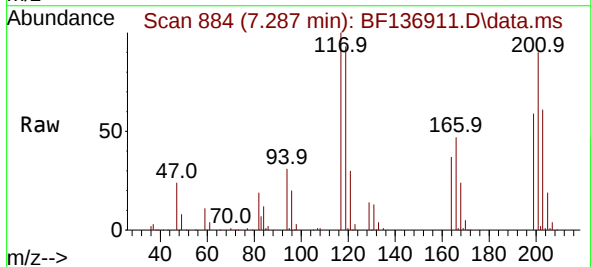
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 164821
Ion Ratio Lower Upper
107 100
108 114.3 90.3 135.5
77 49.8 38.7 58.1
79 49.4 37.8 56.6



#18
Hexachloroethane
Concen: 39.539 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:117 Resp: 83129
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.6
201 90.1 69.1 103.7

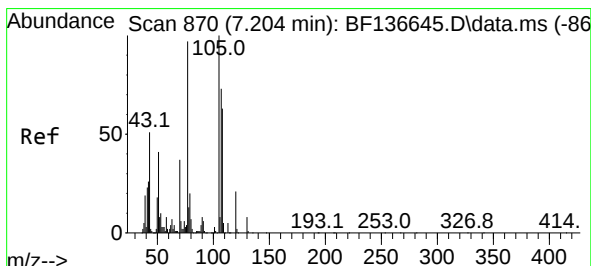
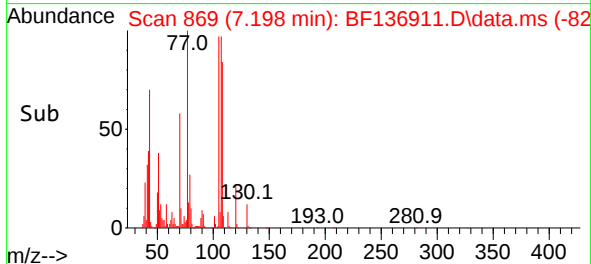
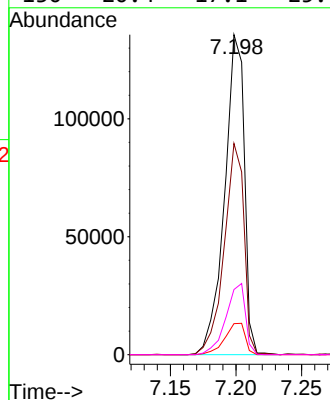
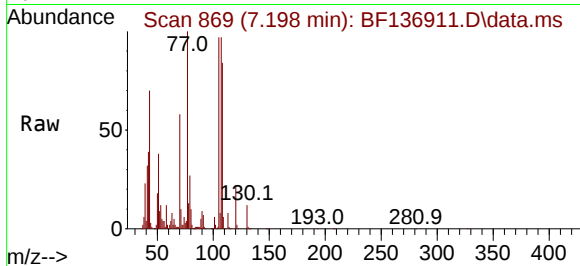




#19
n-Nitroso-di-n-propylamine
Concen: 38.111 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

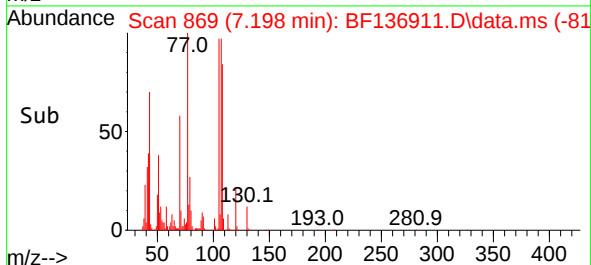
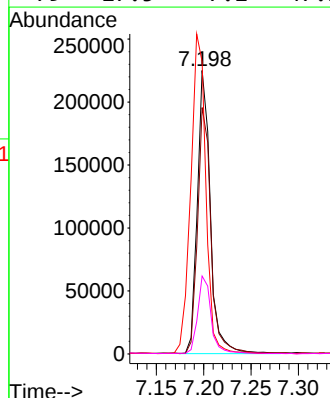
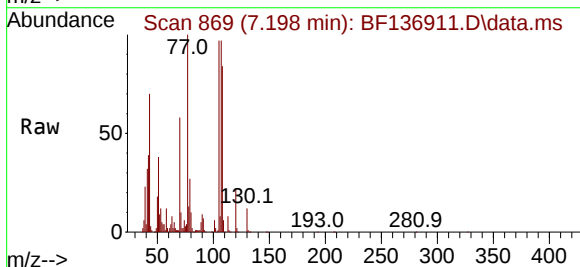
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 142076
Ion Ratio Lower Upper
70 100
42 66.0 54.2 81.4
101 9.7 7.6 11.4
130 20.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 40.086 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 107 Resp: 215478
Ion Ratio Lower Upper
107 100
108 86.9 66.0 106.0
77 103.0 114.2 154.2#
79 27.5 7.2 47.2

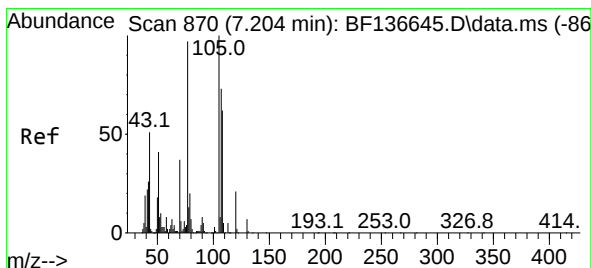
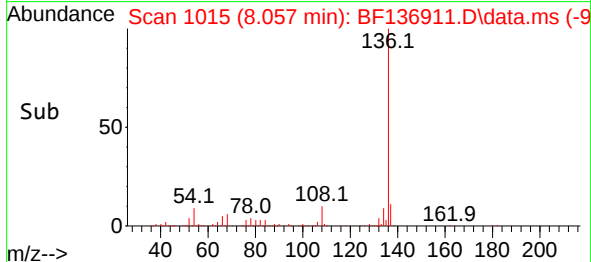
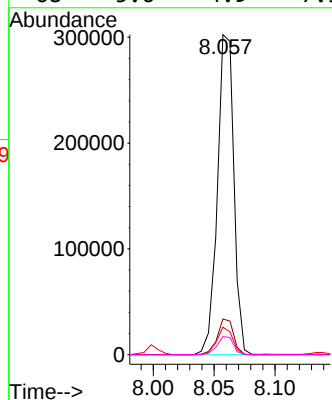
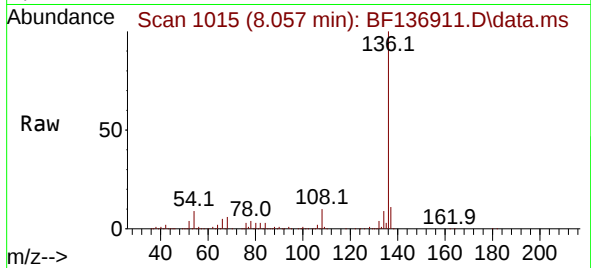




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

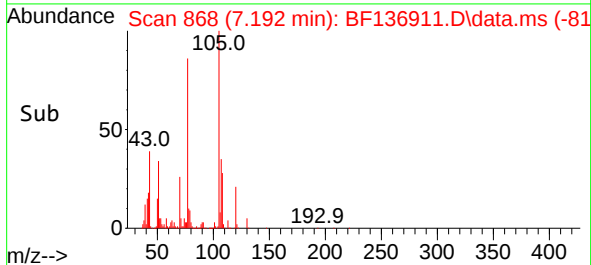
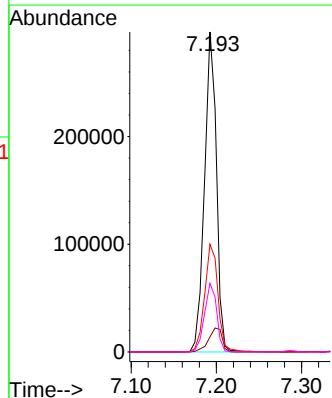
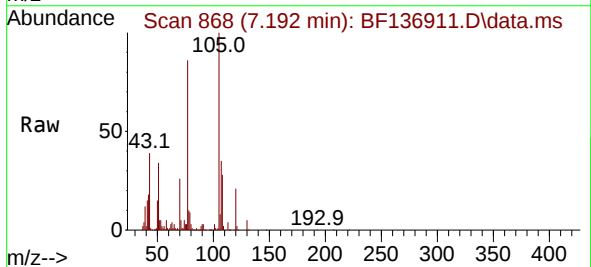
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

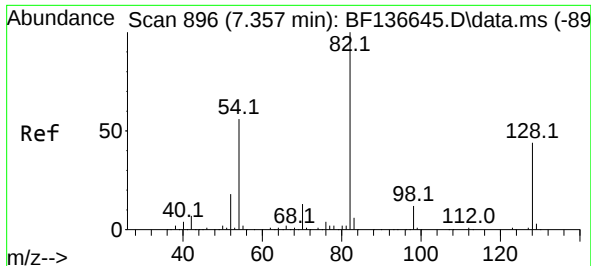
Tgt	Ion:136	Resp:	285864
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.6	7.2	10.8
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 40.232 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt	Ion:105	Resp:	288269
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.8	7.2#
51	33.7	32.8	49.2
120	21.5	17.0	25.6

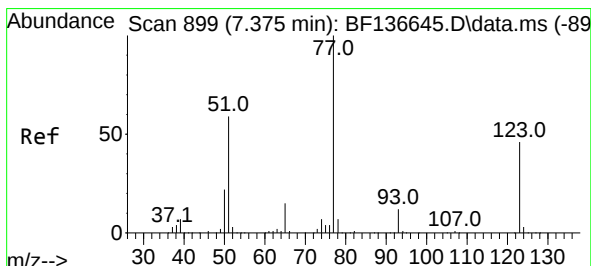
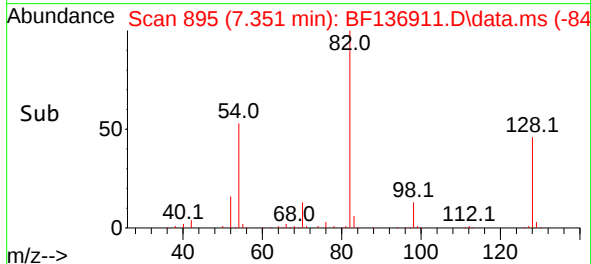
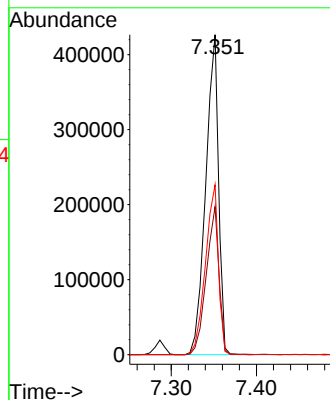
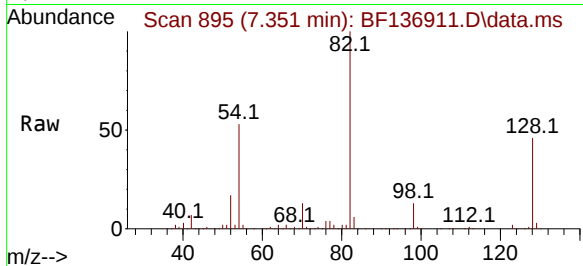




#23
Nitrobenzene-d5
Concen: 79.937 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

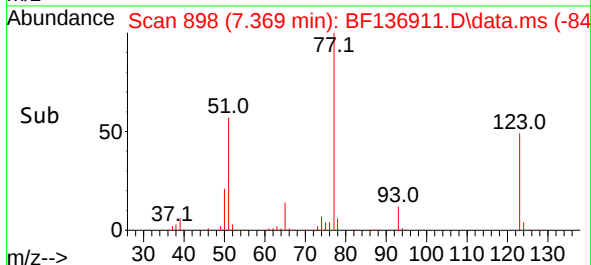
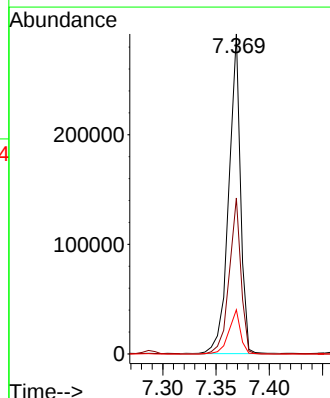
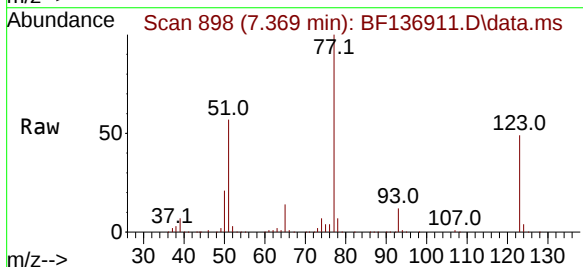
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 446563
Ion Ratio Lower Upper
82 100
128 46.3 35.3 52.9
54 53.1 44.5 66.7



#24
Nitrobenzene
Concen: 39.641 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 77 Resp: 221834
Ion Ratio Lower Upper
77 100
123 48.7 36.7 55.1
65 13.8 11.8 17.6

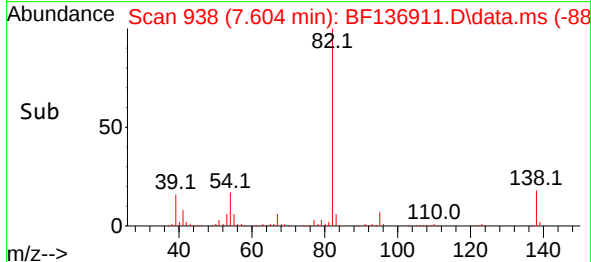
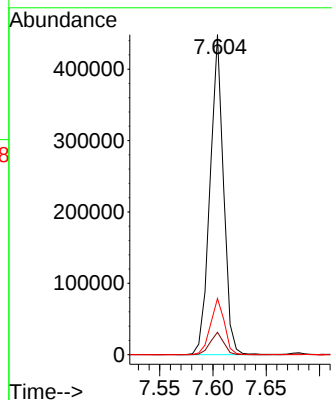
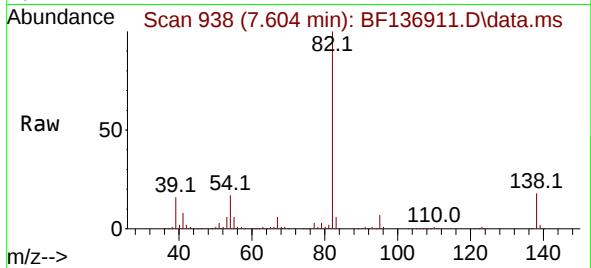




#25
Isophorone
Concen: 38.860 ng
RT: 7.604 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

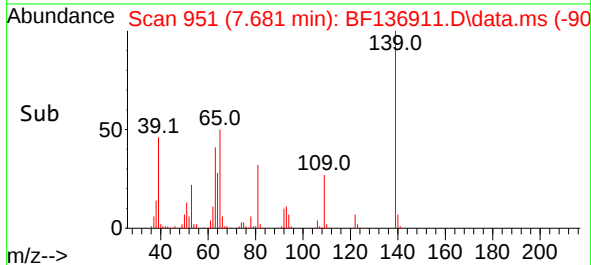
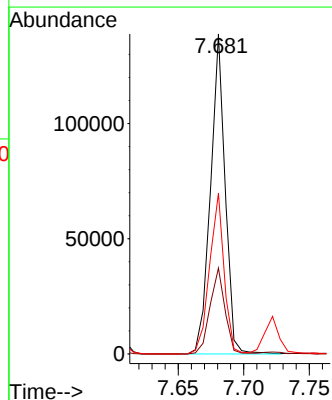
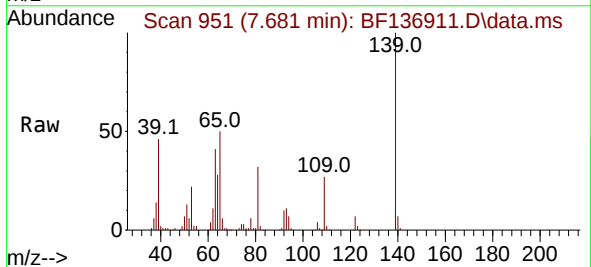
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

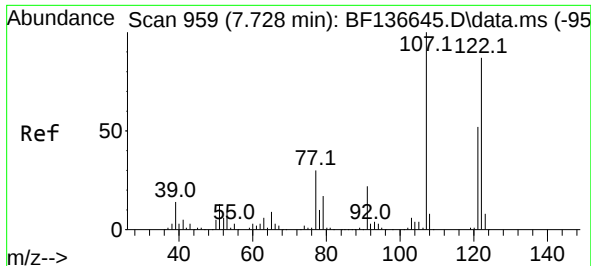
Tgt Ion: 82 Resp: 395015
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.6 14.5 21.7



#26
2-Nitrophenol
Concen: 40.431 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:139 Resp: 108251
Ion Ratio Lower Upper
139 100
109 26.9 21.9 32.9
65 50.3 38.6 58.0

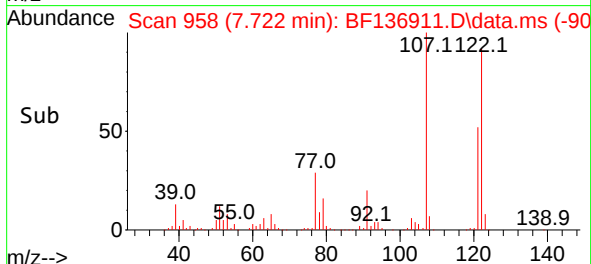
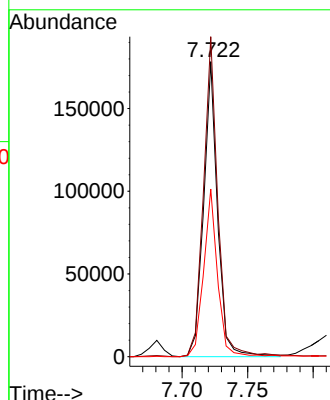
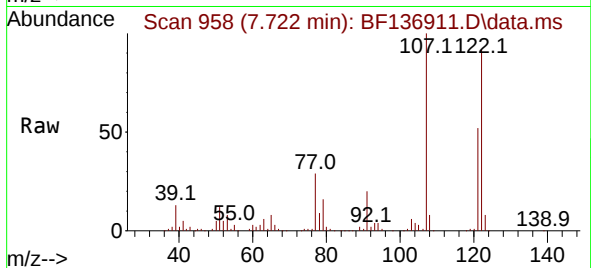




#27
2,4-Dimethylphenol
Concen: 40.770 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

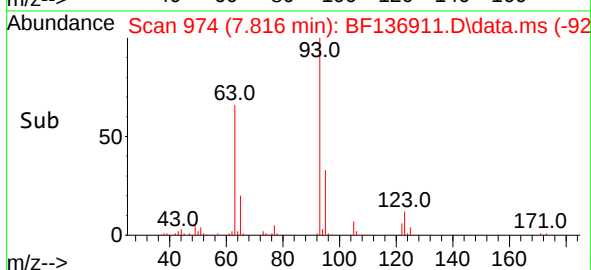
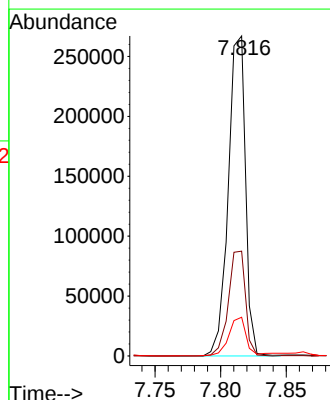
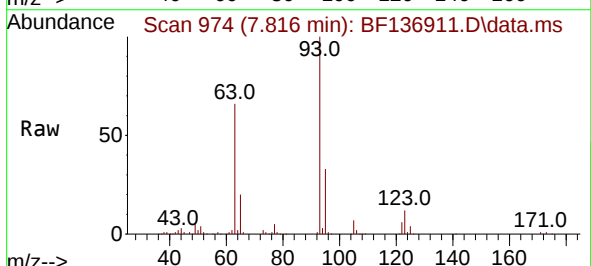
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 132896
Ion Ratio Lower Upper
122 100
107 108.5 92.0 138.0
121 56.8 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 39.530 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion: 93 Resp: 244252
Ion Ratio Lower Upper
93 100
95 32.7 25.5 38.3
123 12.1 9.2 13.8

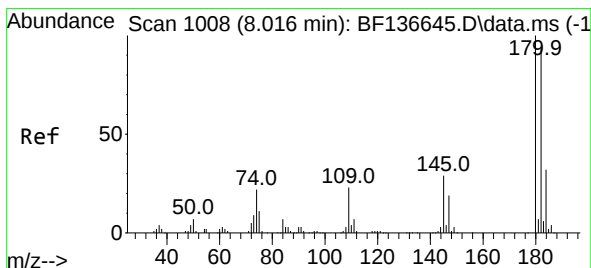
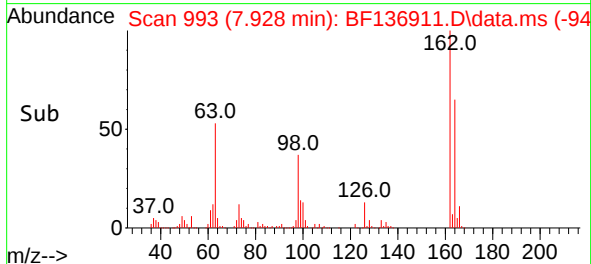
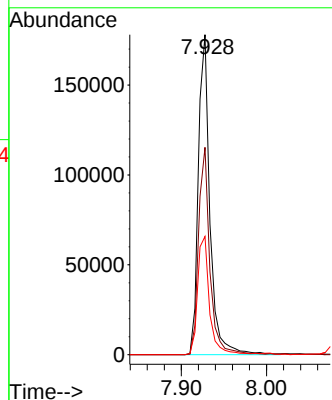
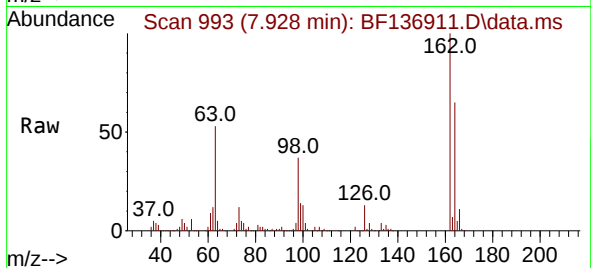




#29
2,4-Dichlorophenol
Concen: 40.117 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

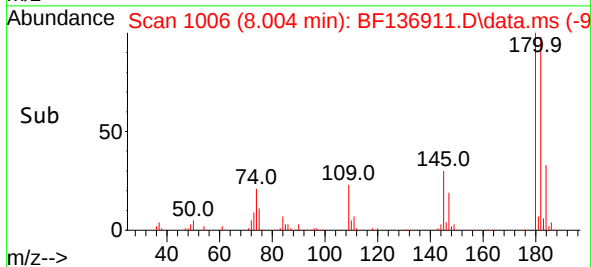
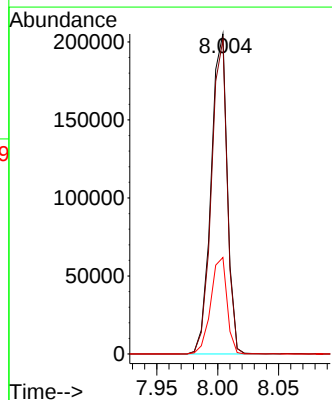
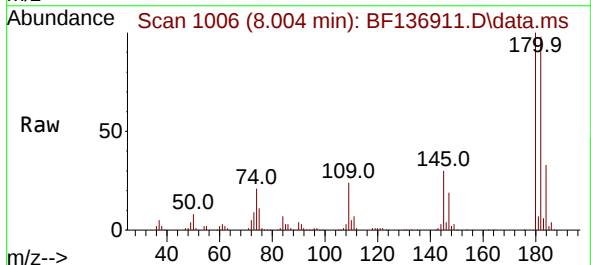
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

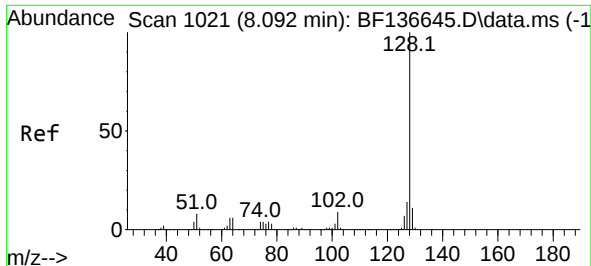
Tgt Ion:162 Resp: 168350
Ion Ratio Lower Upper
162 100
164 64.8 41.7 81.7
98 36.9 19.5 59.5



#30
1,2,4-Trichlorobenzene
Concen: 40.574 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:180 Resp: 189713
Ion Ratio Lower Upper
180 100
182 98.2 75.4 113.0
145 30.1 23.1 34.7

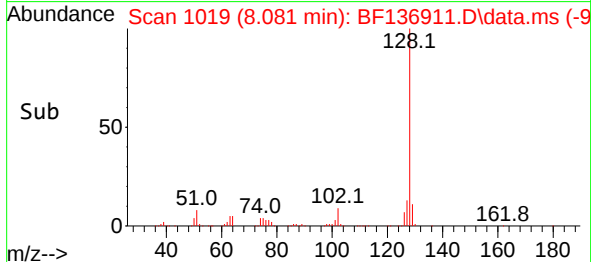
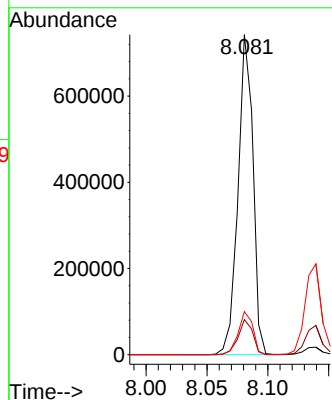
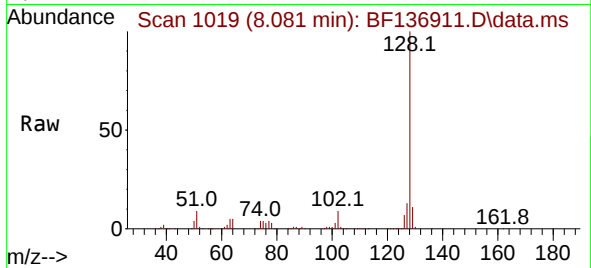




#31
Naphthalene
Concen: 40.359 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

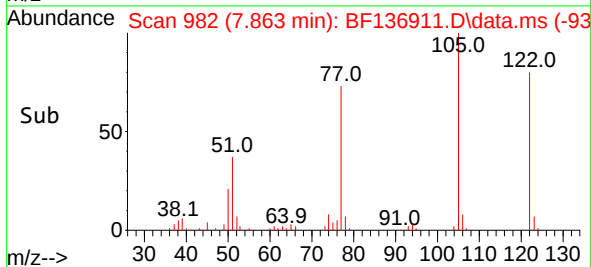
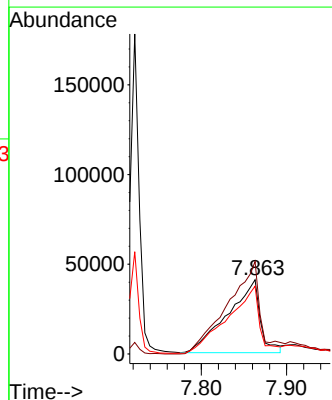
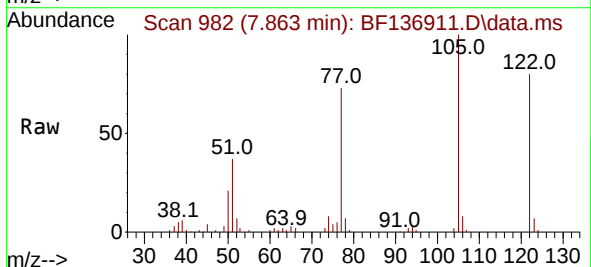
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

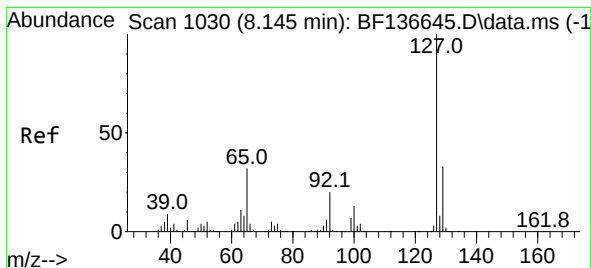
Tgt Ion:128 Resp: 633826
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 34.289 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:122 Resp: 108144
Ion Ratio Lower Upper
122 100
105 124.5 100.8 140.8
77 91.4 70.9 110.9





#33

4-Chloroaniline

Concen: 37.706 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 218638

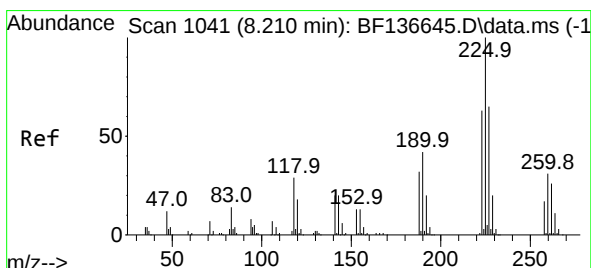
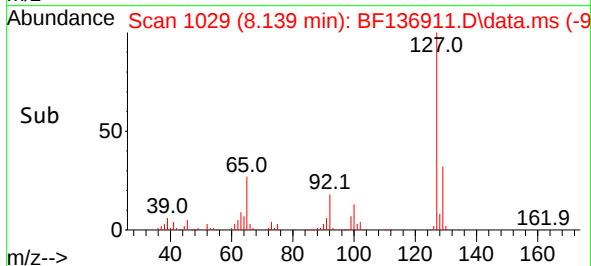
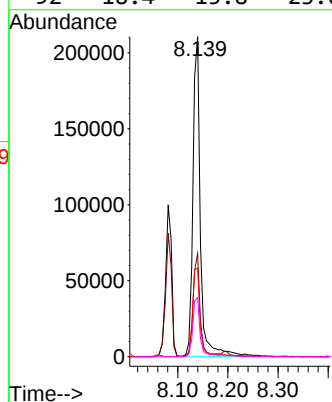
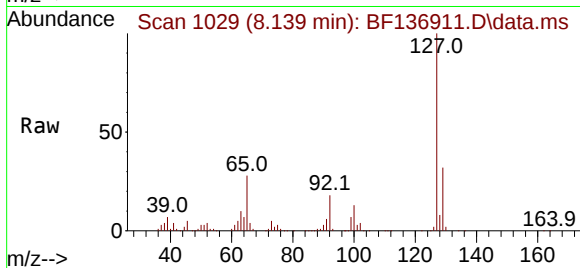
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 27.6 25.8 38.8

92 18.4 15.8 23.6



#34

Hexachlorobutadiene

Concen: 40.108 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.017 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

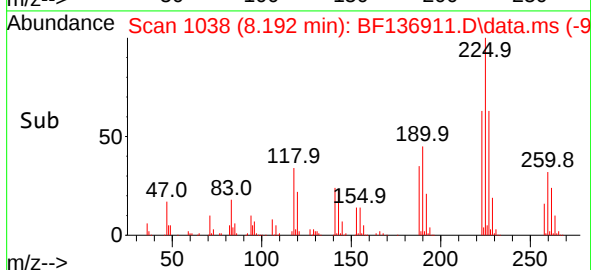
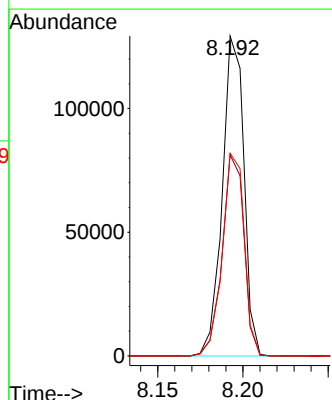
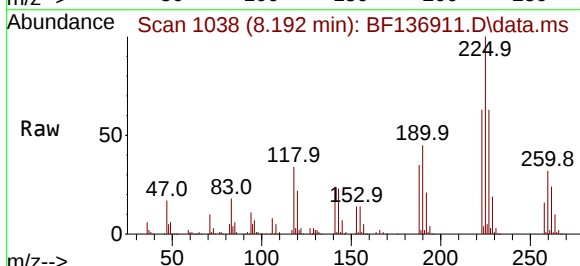
Tgt Ion:225 Resp: 113937

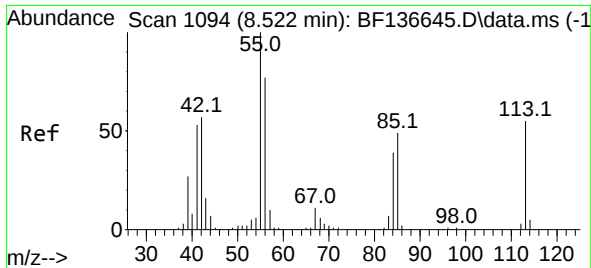
Ion Ratio Lower Upper

225 100

223 62.9 50.6 76.0

227 63.3 51.9 77.9

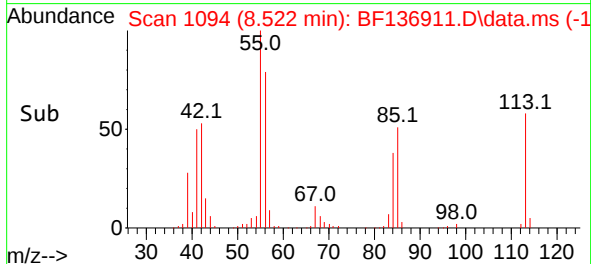
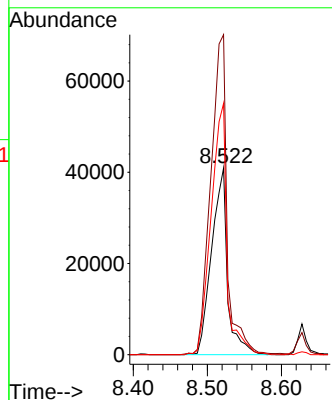
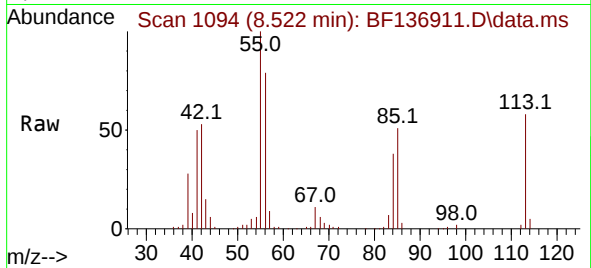




#35
 Caprolactam
 Concen: 44.005 ng
 RT: 8.522 min Scan# 1094
 Delta R.T. 0.000 min
 Lab File: BF136911.D
 Acq: 03 Jan 2024 17:06

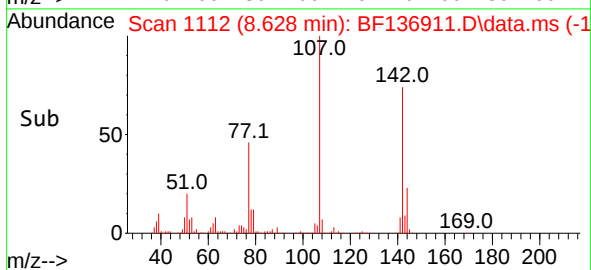
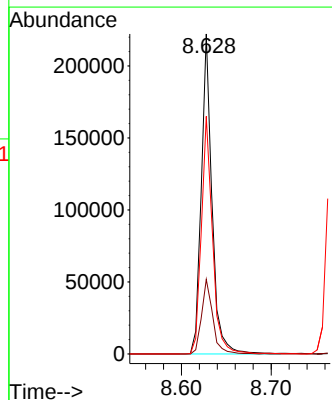
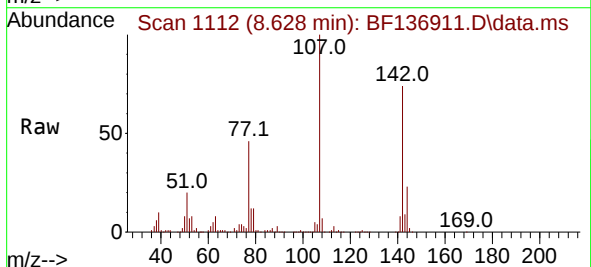
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

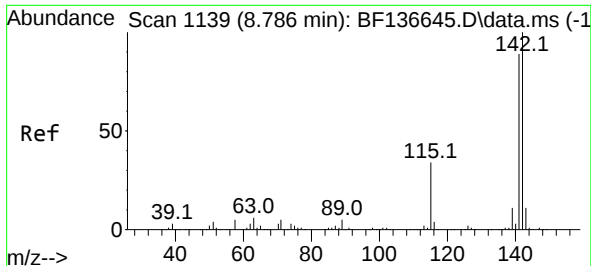
Tgt Ion:113 Resp: 60921
 Ion Ratio Lower Upper
 113 100
 55 171.6 163.1 203.1
 56 134.7 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.968 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136911.D
 Acq: 03 Jan 2024 17:06

Tgt Ion:107 Resp: 184100
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.2 30.2
 142 74.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.597 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

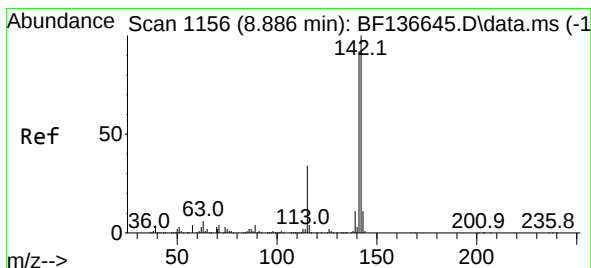
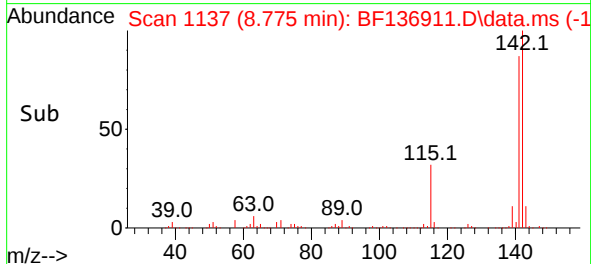
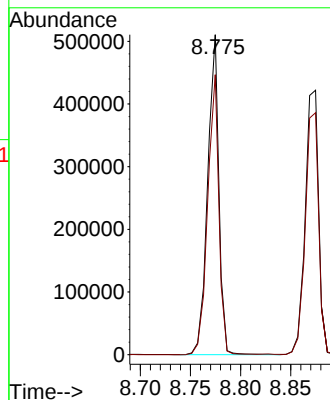
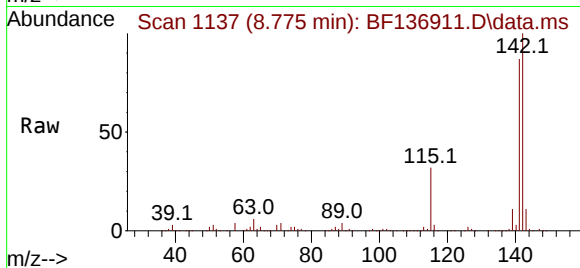
SSTDCCC040

Tgt Ion:142 Resp: 400203

Ion Ratio Lower Upper

142 100

141 87.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 39.570 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136911.D

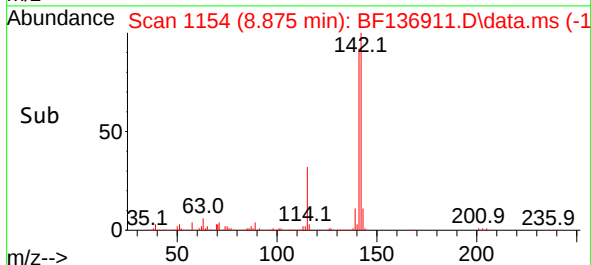
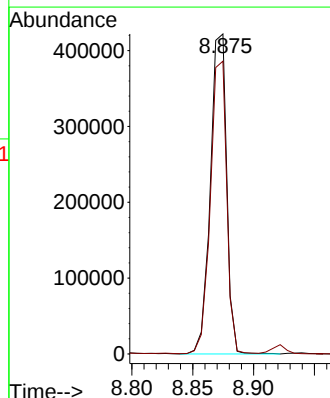
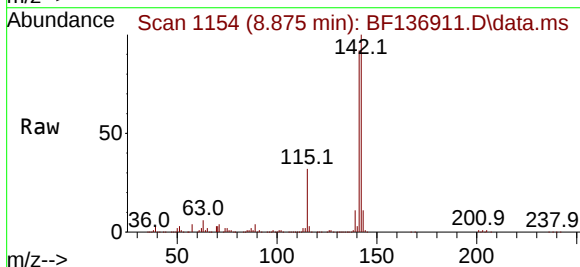
Acq: 03 Jan 2024 17:06

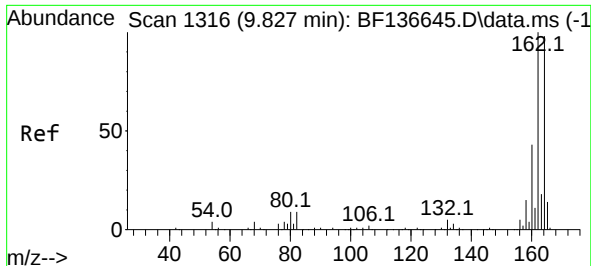
Tgt Ion:142 Resp: 392370

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

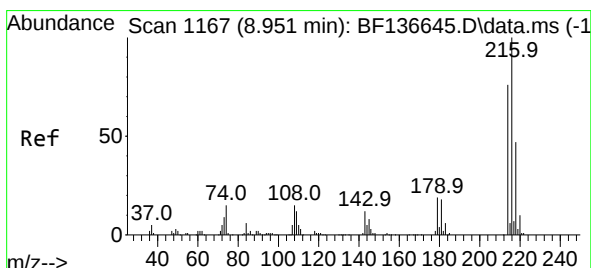
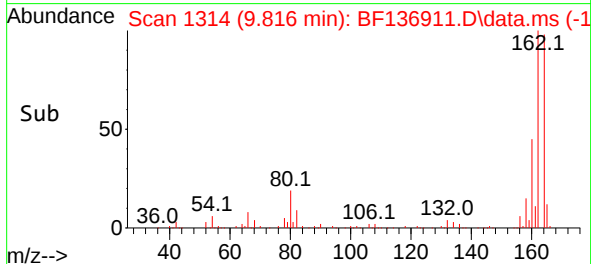
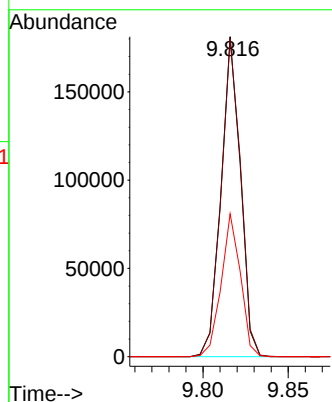
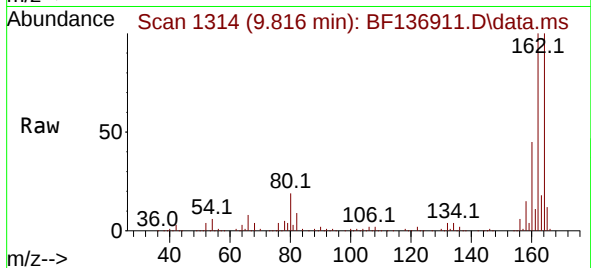
Tgt Ion:164 Resp: 143424

Ion Ratio Lower Upper

164 100

162 99.5 81.6 122.4

160 44.6 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.806 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Tgt Ion:216 Resp: 190136

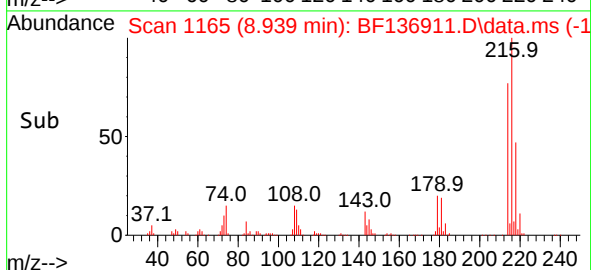
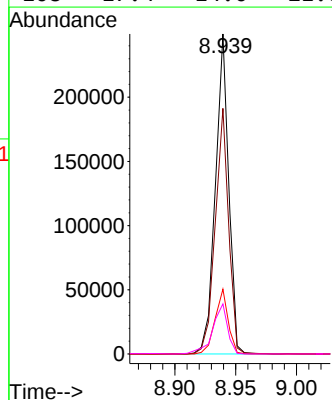
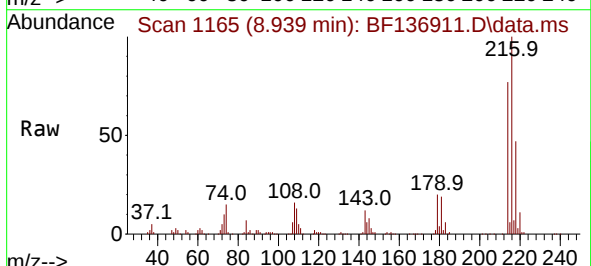
Ion Ratio Lower Upper

216 100

214 77.2 62.3 93.5

179 19.9 16.4 24.6

108 17.4 14.0 21.0

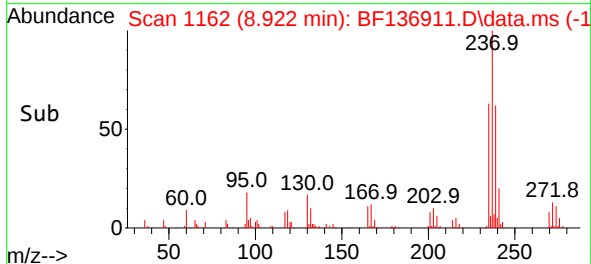
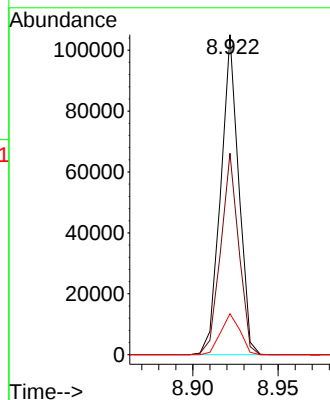
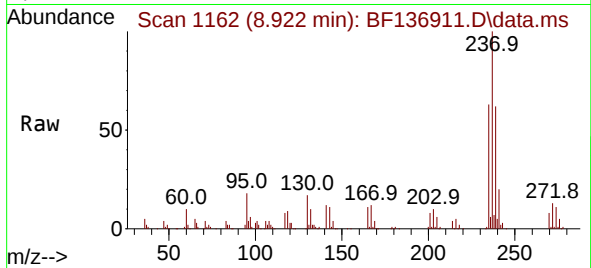




#41
Hexachlorocyclopentadiene
Concen: 55.940 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

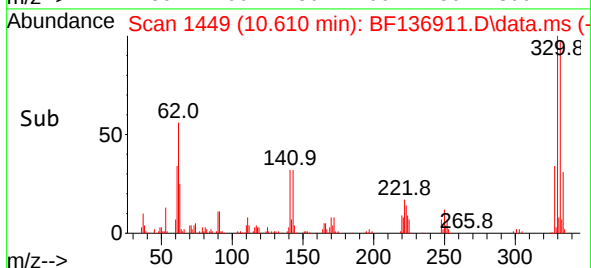
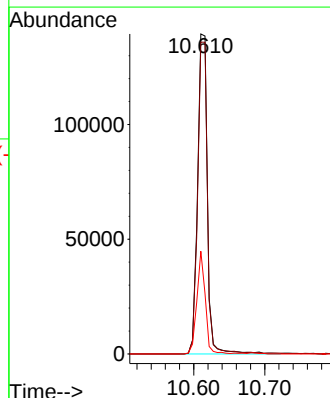
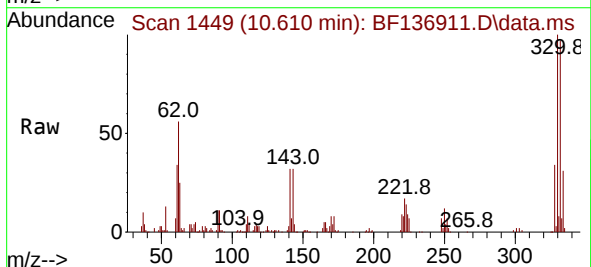
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 77002
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 12.8 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 79.446 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:330 Resp: 134196
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 27.5 23.4 35.2

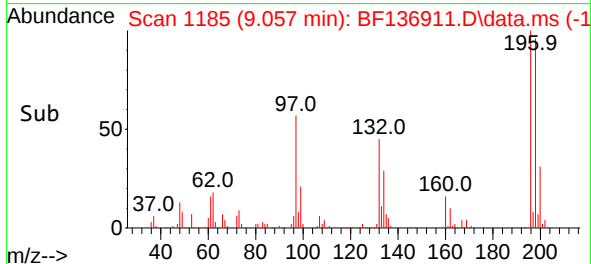
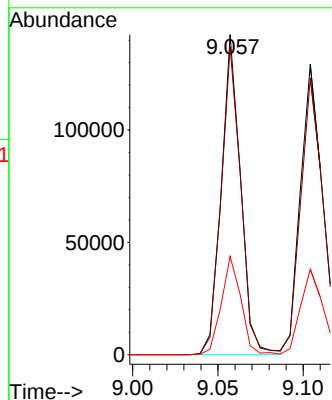
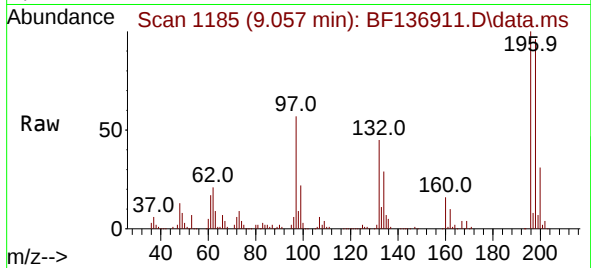




#43
2,4,6-Trichlorophenol
Concen: 39.560 ng
RT: 9.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

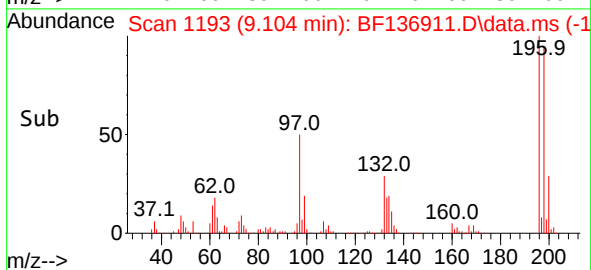
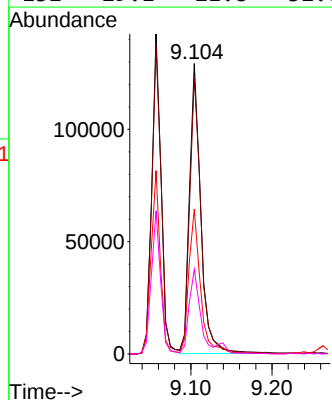
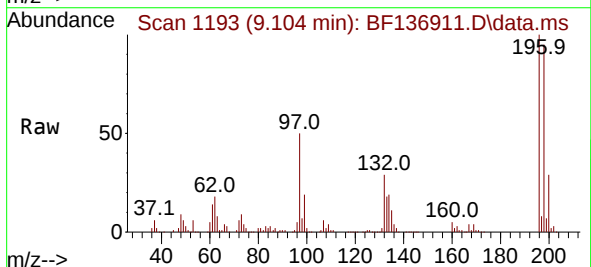
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

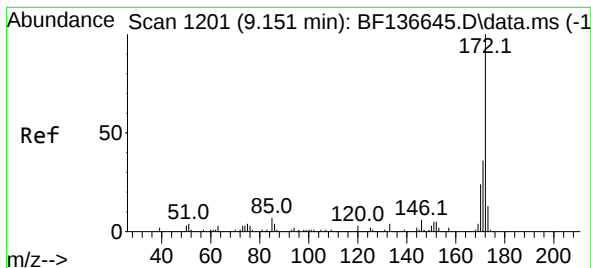
Tgt Ion:196 Resp: 112690
Ion Ratio Lower Upper
196 100
198 96.3 75.1 112.7
200 30.8 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 39.491 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:196 Resp: 125358
Ion Ratio Lower Upper
196 100
198 95.3 77.0 115.6
97 49.8 36.1 54.1
132 29.1 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 81.341 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

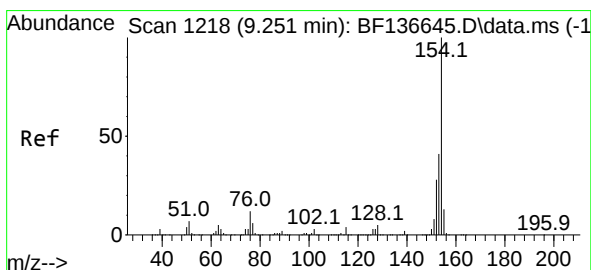
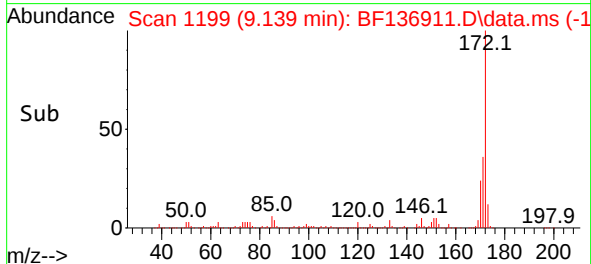
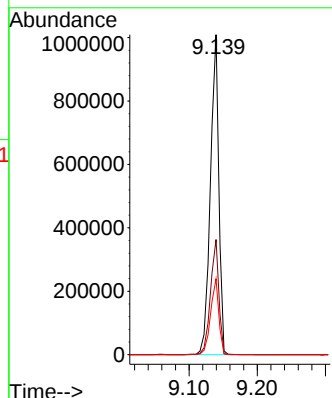
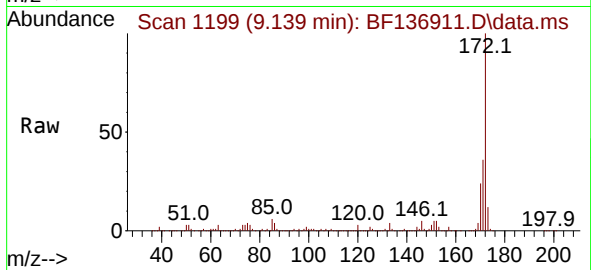
Tgt Ion:172 Resp: 867384

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.7 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.851 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

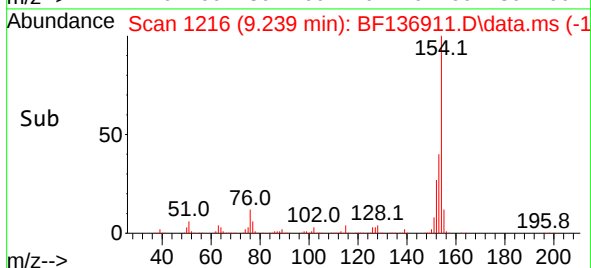
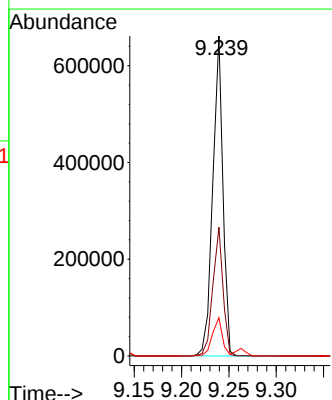
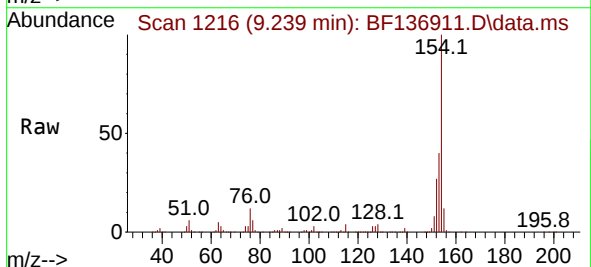
Tgt Ion:154 Resp: 491656

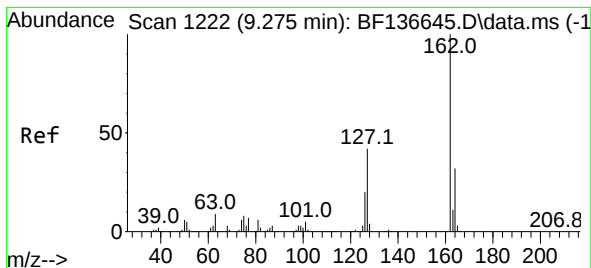
Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

76 11.9 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.209 ng

RT: 9.263 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

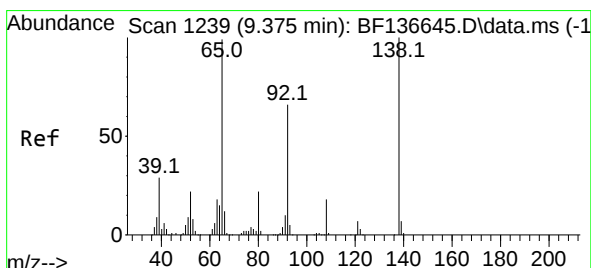
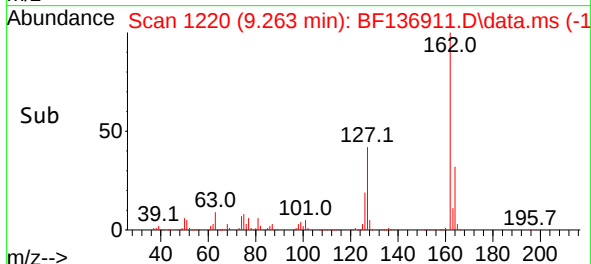
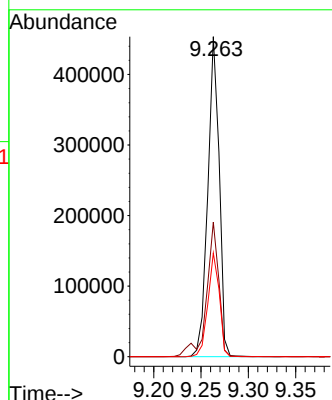
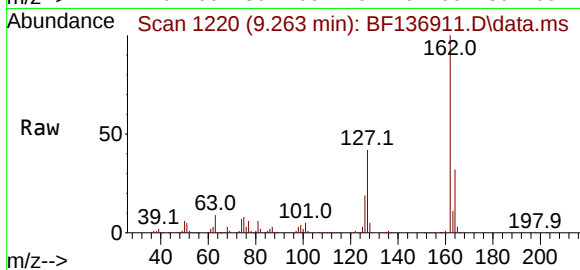
Tgt Ion:162 Resp: 377039

Ion Ratio Lower Upper

162 100

127 42.0 33.6 50.4

164 32.4 25.7 38.5



#48

2-Nitroaniline

Concen: 39.677 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

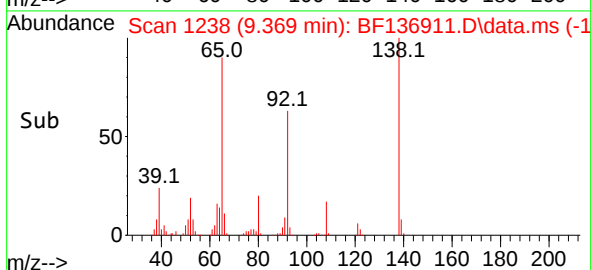
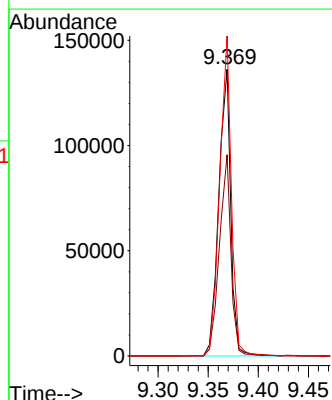
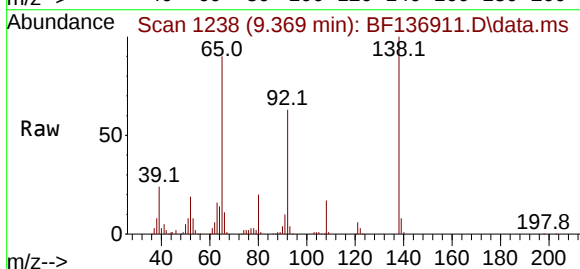
Tgt Ion: 65 Resp: 113682

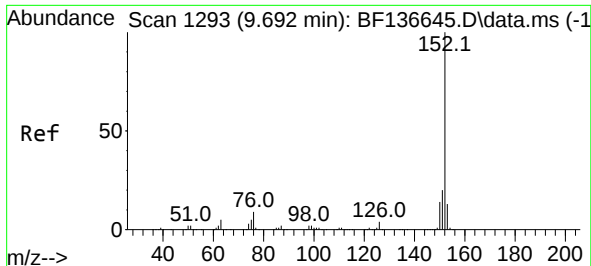
Ion Ratio Lower Upper

65 100

92 70.2 53.2 79.8

138 111.6 81.1 121.7

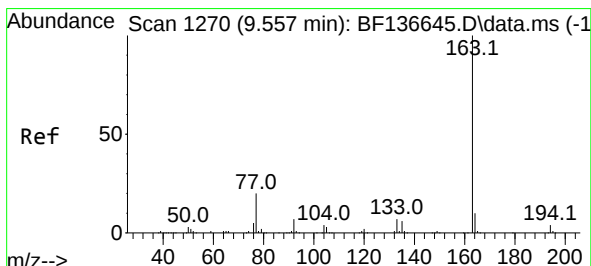
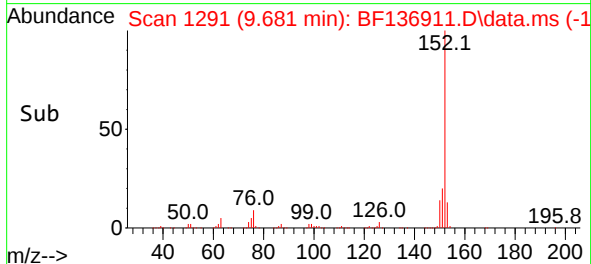
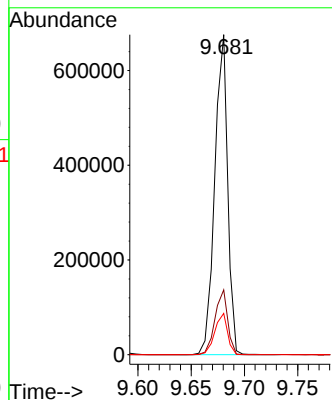
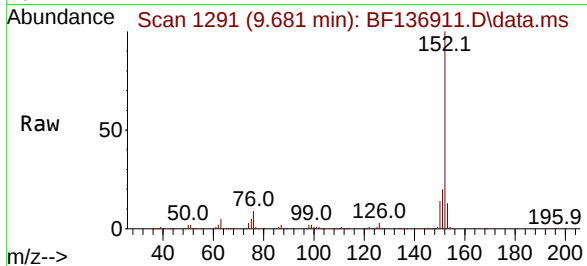




#49
Acenaphthylene
Concen: 40.679 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

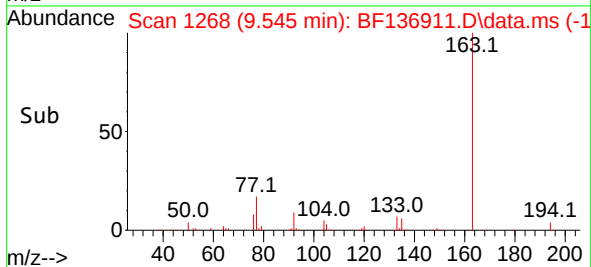
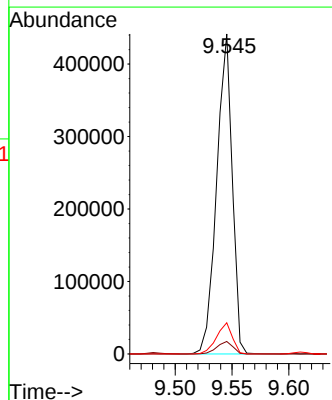
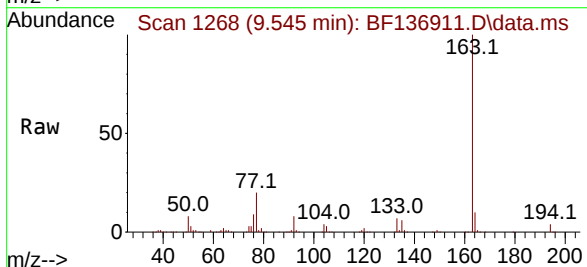
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

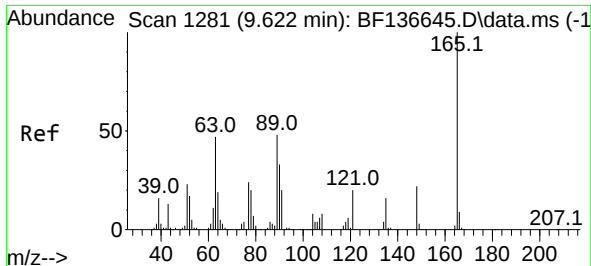
Tgt Ion:152 Resp: 568892
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 12.9 10.2 15.2



#50
Dimethylphthalate
Concen: 40.147 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:163 Resp: 420583
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.7 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 40.269 ng

RT: 9.610 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

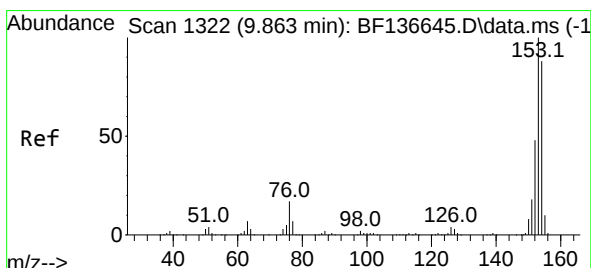
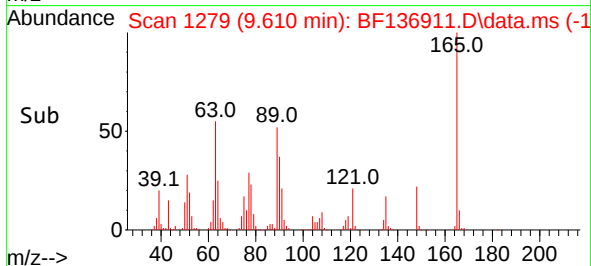
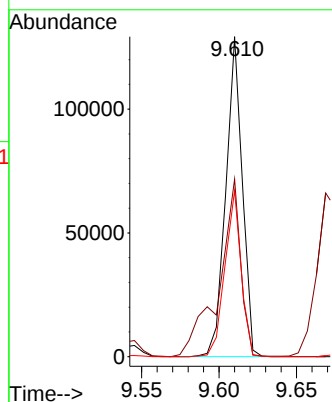
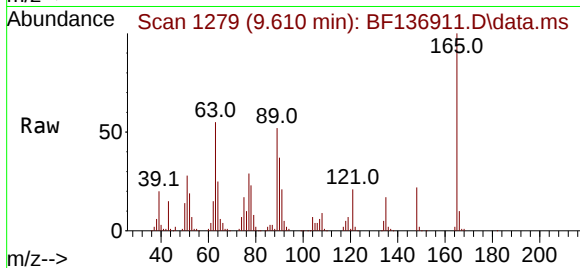
Tgt Ion:165 Resp: 95741

Ion Ratio Lower Upper

165 100

63 55.5 39.8 59.6

89 51.9 38.8 58.2



#52

Acenaphthene

Concen: 40.667 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

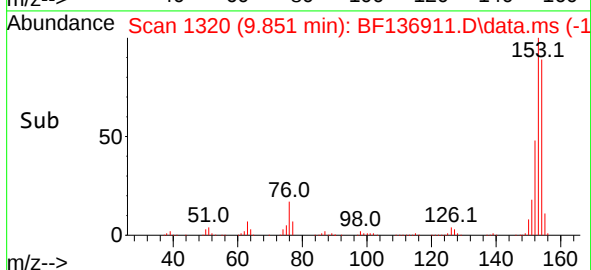
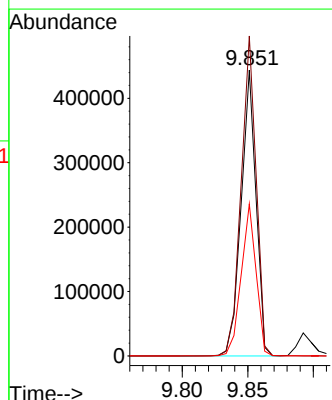
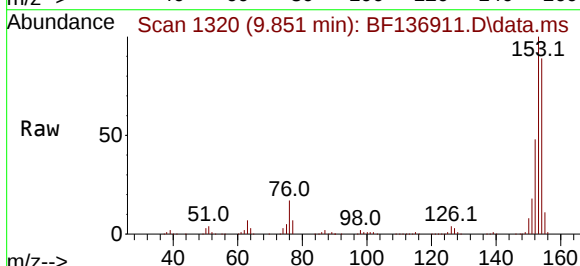
Tgt Ion:154 Resp: 352546

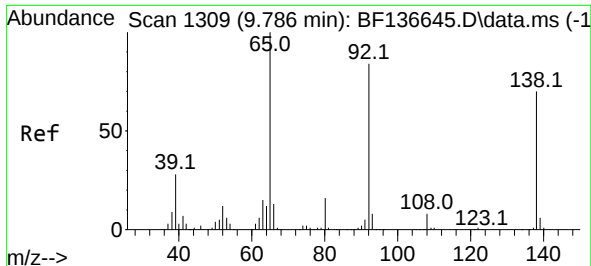
Ion Ratio Lower Upper

154 100

153 111.9 90.7 136.1

152 53.2 43.7 65.5

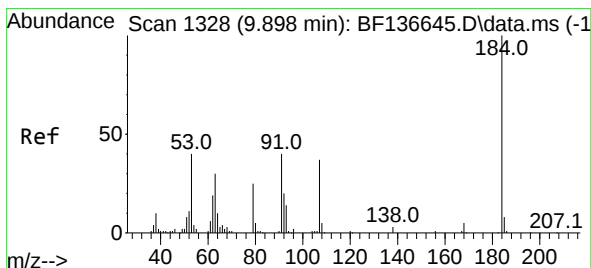
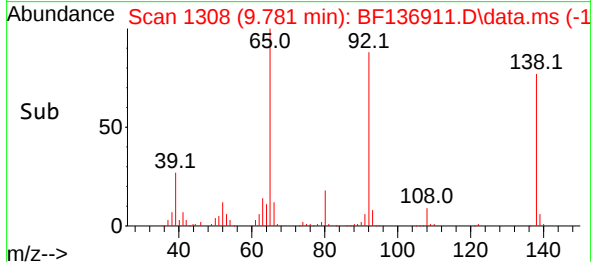
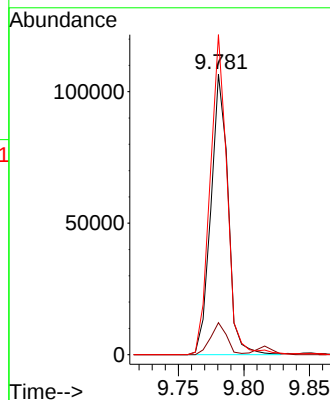
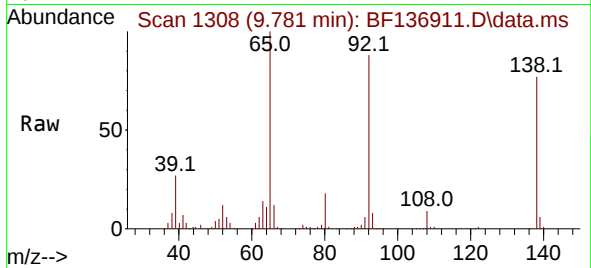




#53
3-Nitroaniline
Concen: 38.551 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

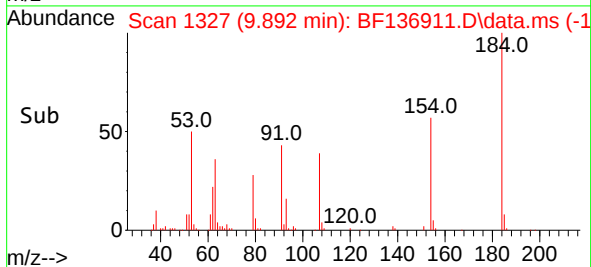
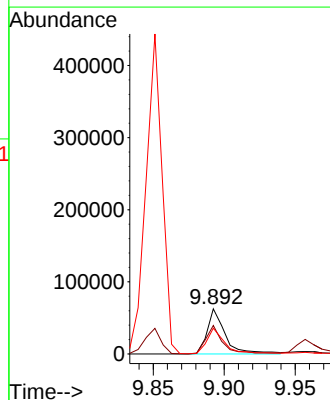
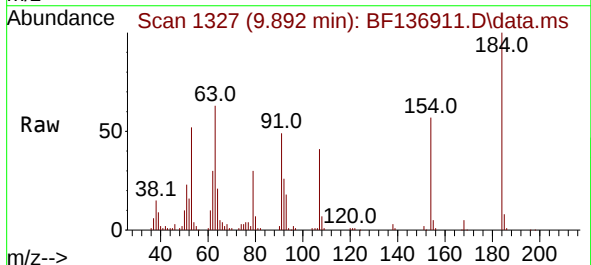
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

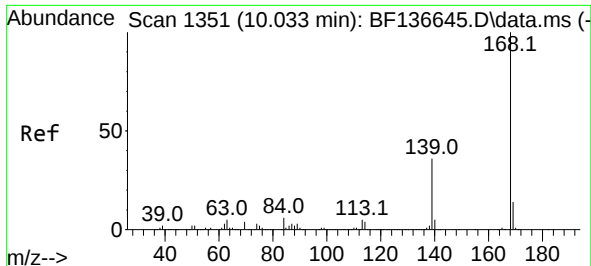
Tgt Ion:138 Resp: 97094
Ion Ratio Lower Upper
138 100
108 11.4 8.6 12.8
92 114.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 43.727 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:184 Resp: 55278
Ion Ratio Lower Upper
184 100
63 63.3 40.9 61.3#
154 57.3 42.7 64.1

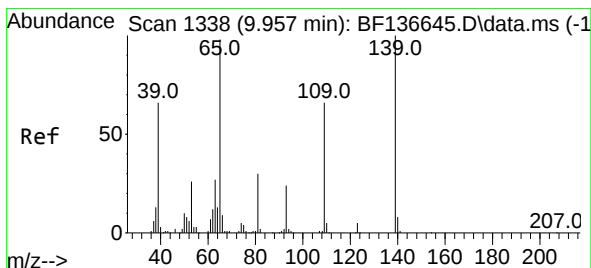
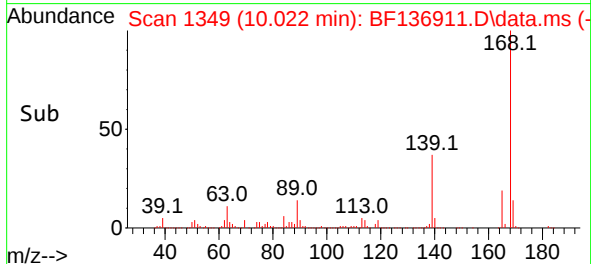
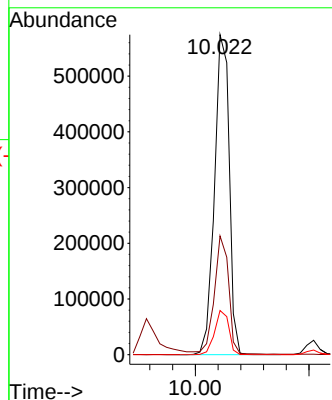
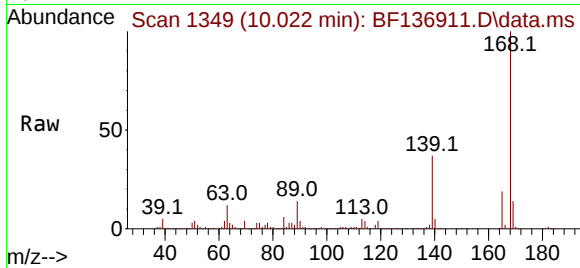




#55
Dibenzenofuran
Concen: 39.458 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

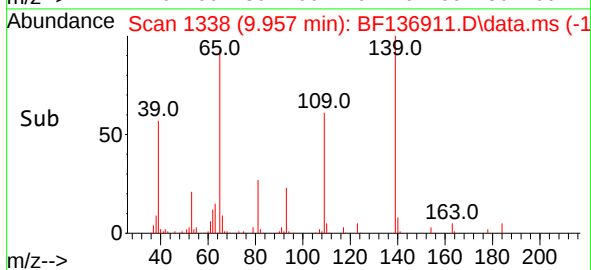
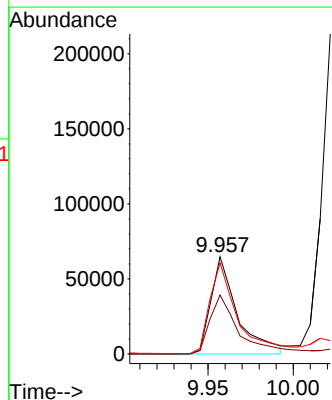
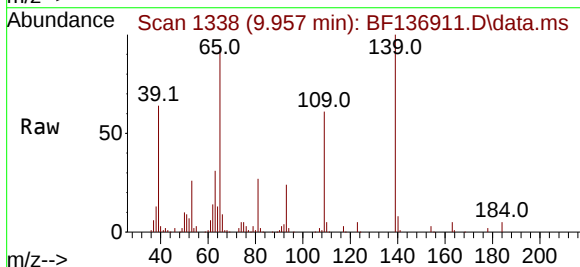
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

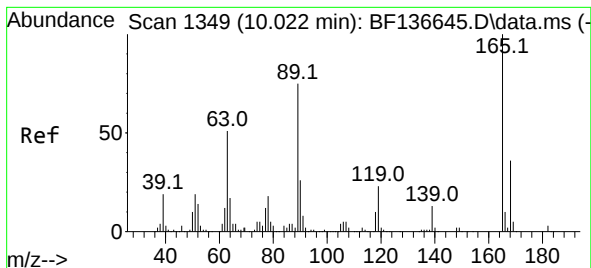
Tgt Ion:168 Resp: 518520
Ion Ratio Lower Upper
168 100
139 37.1 29.3 43.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 41.108 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:139 Resp: 69892
Ion Ratio Lower Upper
139 100
109 60.6 45.8 85.8
65 93.8 77.8 117.8

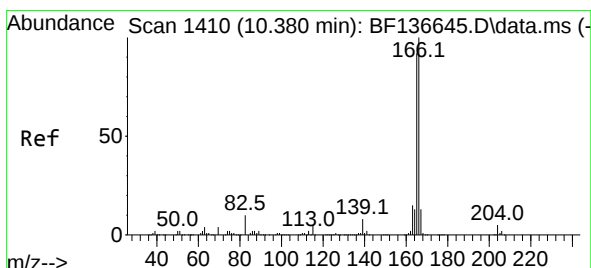
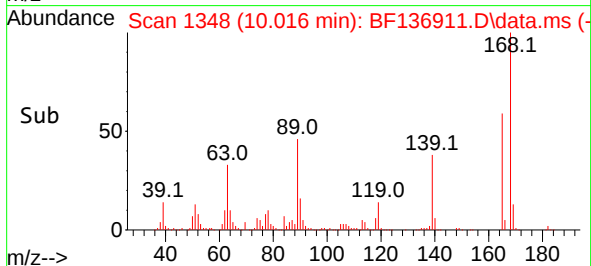
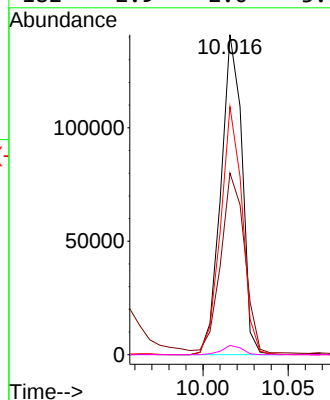
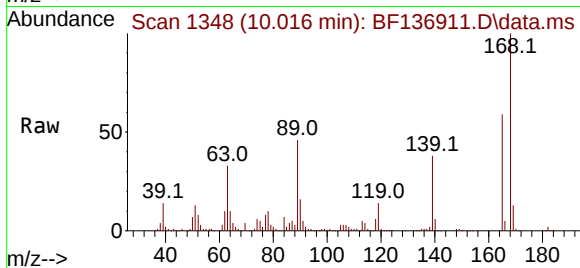




#57
2,4-Dinitrotoluene
Concen: 39.368 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

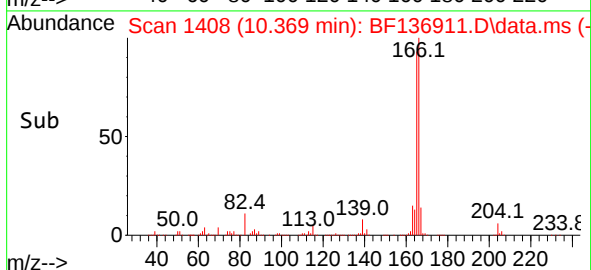
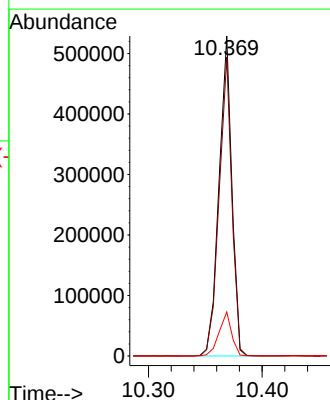
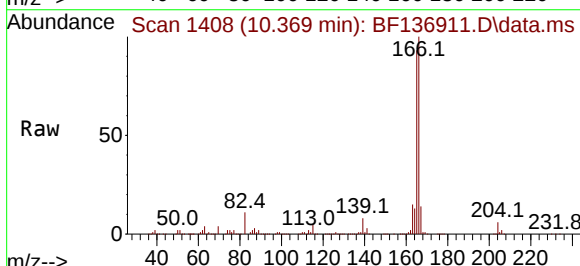
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	165	Resp:	121511
Ion	Ratio	Lower	Upper
165	100		
63	56.8	41.0	61.6
89	77.5	59.9	89.9
182	2.9	2.0	3.0



#58
Fluorene
Concen: 40.021 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:	166	Resp:	417290
Ion	Ratio	Lower	Upper
166	100		
165	93.4	73.7	110.5
167	13.8	10.4	15.6

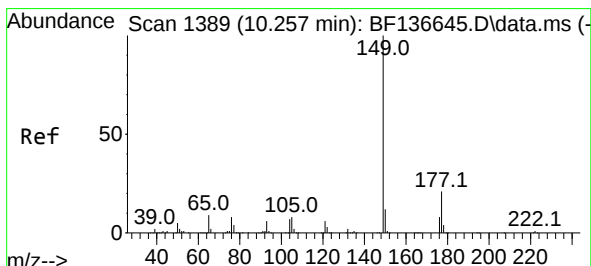
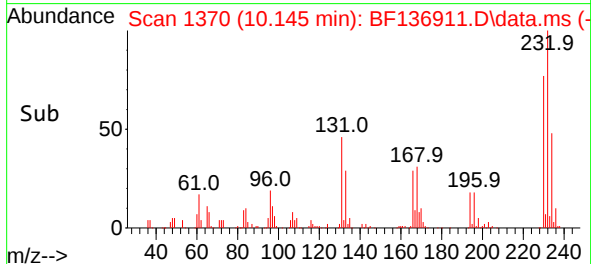
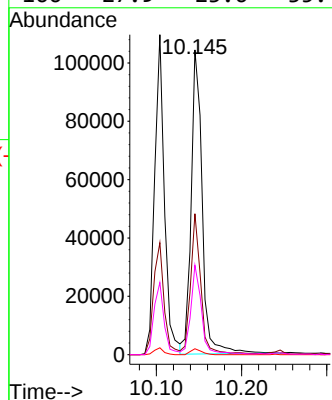
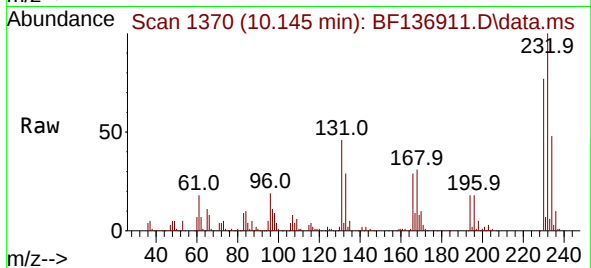




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.302 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

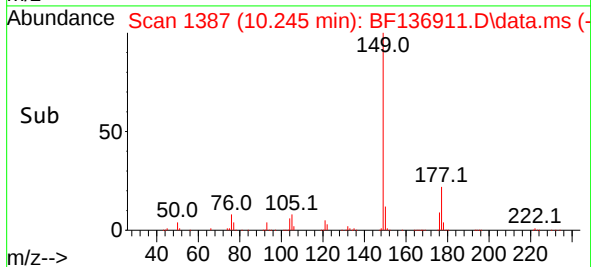
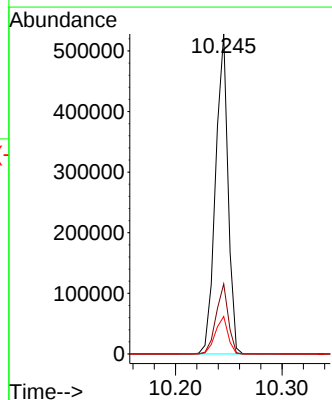
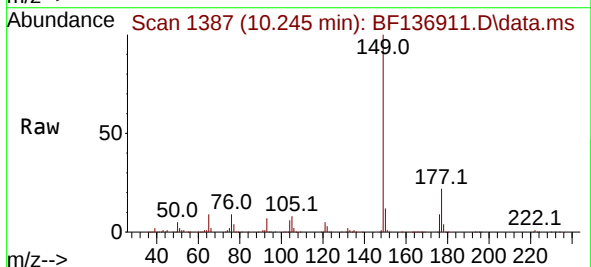
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

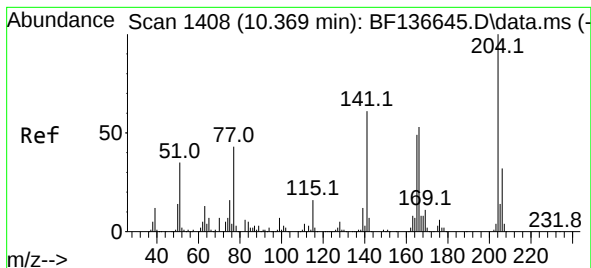
Tgt Ion:232 Resp: 93593
Ion Ratio Lower Upper
232 100
131 42.2 35.1 52.7
130 1.9 1.6 2.4
166 27.9 23.6 35.4



#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:149 Resp: 428122
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 11.7 9.3 13.9

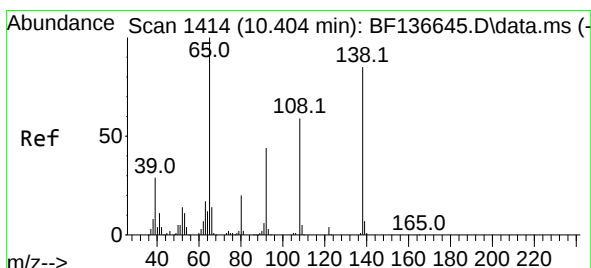
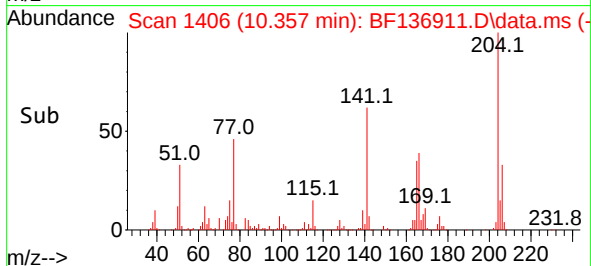
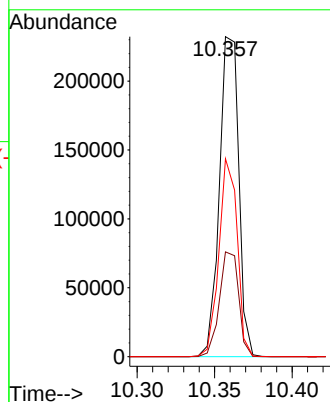
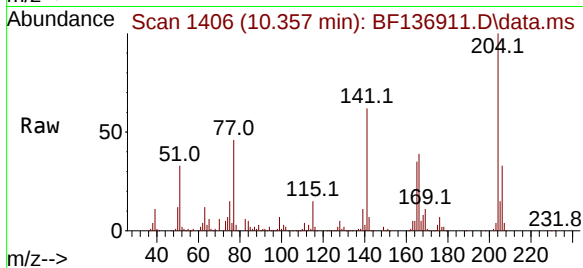




#61
4-Chlorophenyl-phenylether
Concen: 39.905 ng
RT: 10.357 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

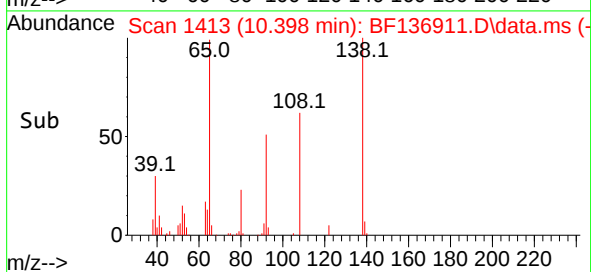
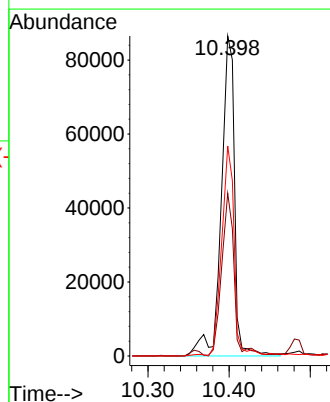
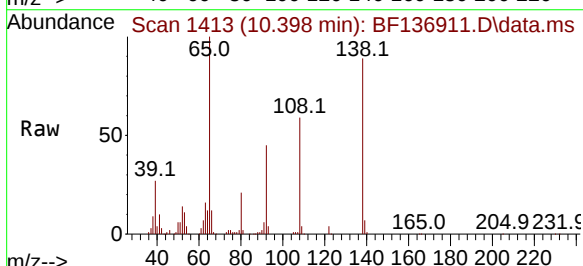
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

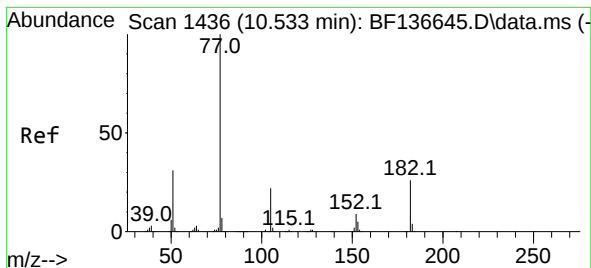
Tgt Ion:204 Resp: 202245
Ion Ratio Lower Upper
204 100
206 32.7 25.6 38.4
141 61.8 48.4 72.6



#62
4-Nitroaniline
Concen: 40.605 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:138 Resp: 98588
Ion Ratio Lower Upper
138 100
92 50.8 32.1 72.1
108 65.6 50.1 90.1





#63

Azobenzene

Concen: 38.715 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 393039

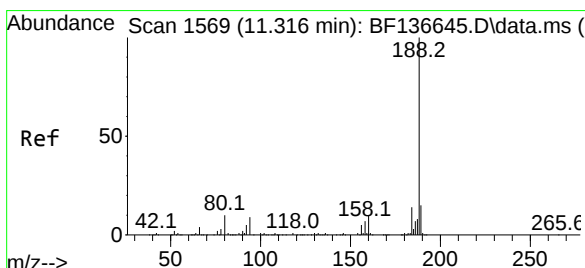
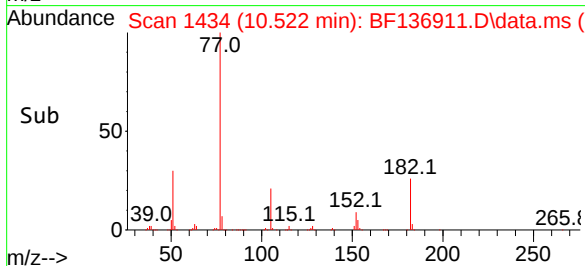
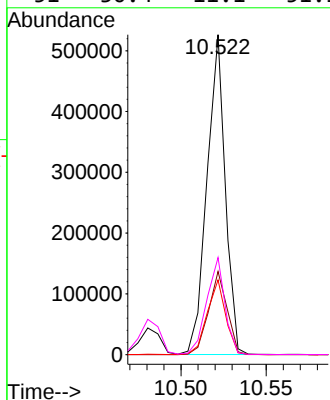
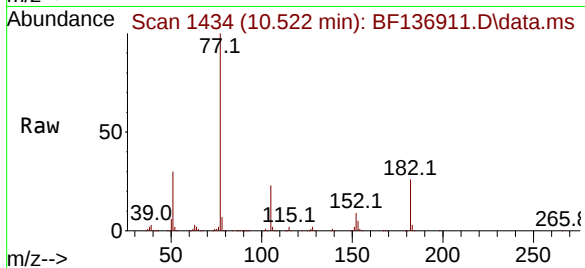
Ion Ratio Lower Upper

77 100

182 26.0 6.0 46.0

105 23.3 2.3 42.3

51 30.4 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

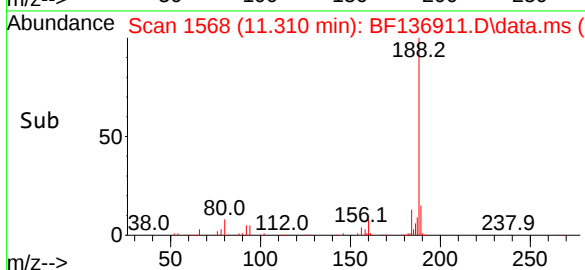
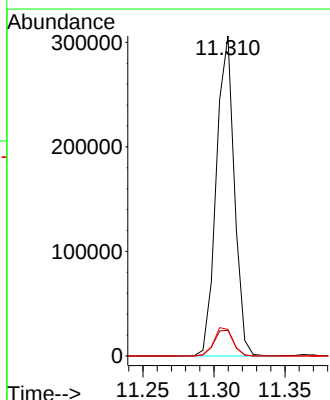
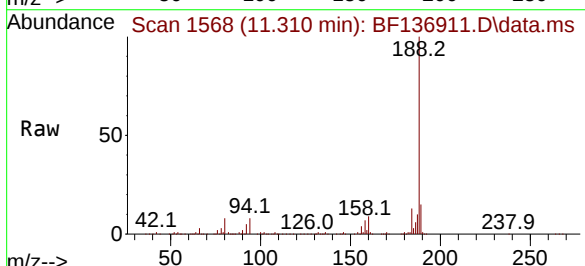
Tgt Ion: 188 Resp: 269952

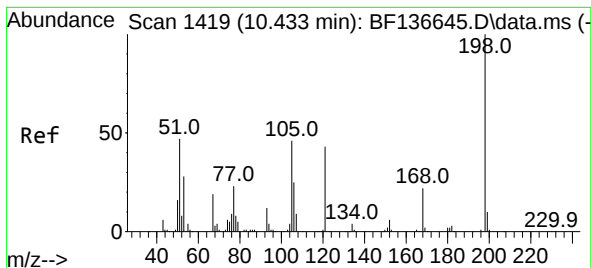
Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.3 8.1 12.1

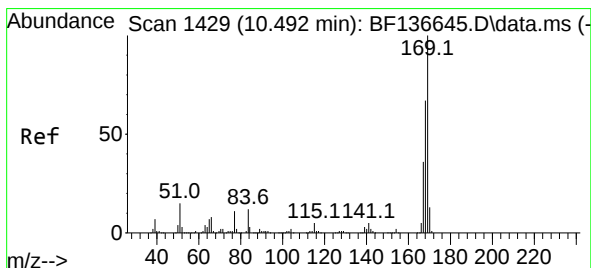
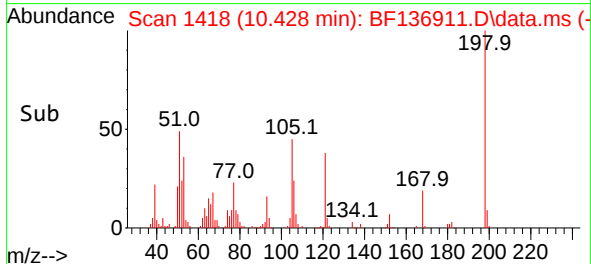
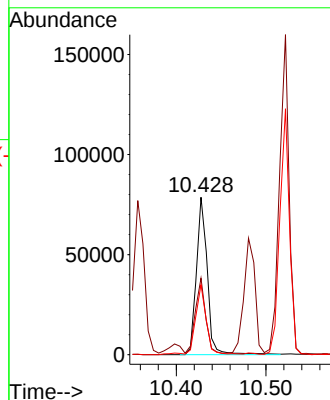
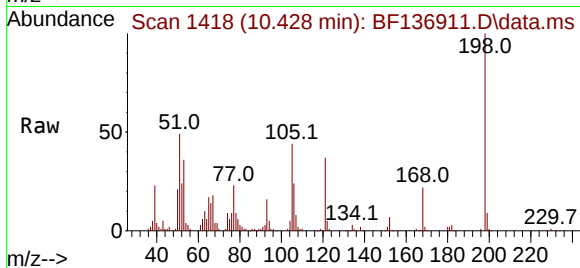




#65
4,6-Dinitro-2-methylphenol
Concen: 42.853 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

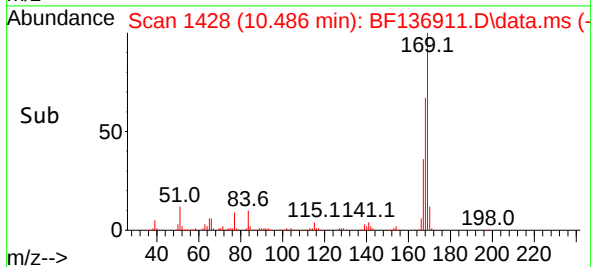
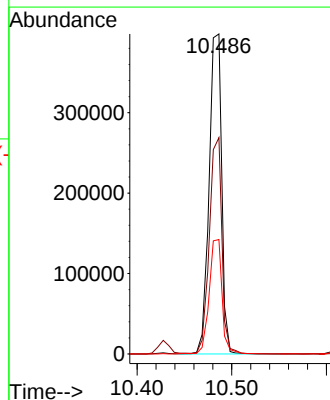
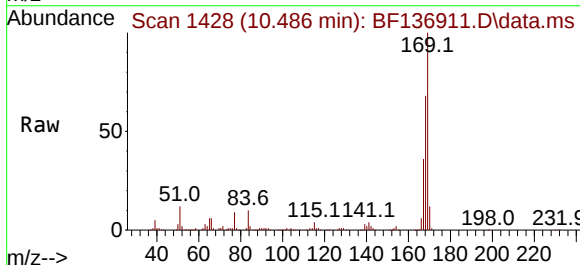
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 66297
Ion Ratio Lower Upper
198 100
51 48.6 34.1 74.1
105 44.4 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.685 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:169 Resp: 365547
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.6
167 35.8 28.7 43.1

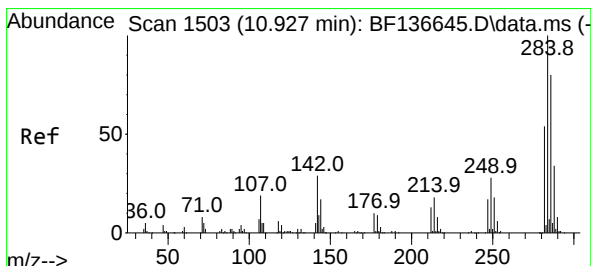
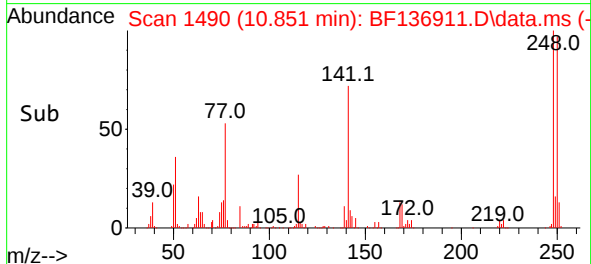
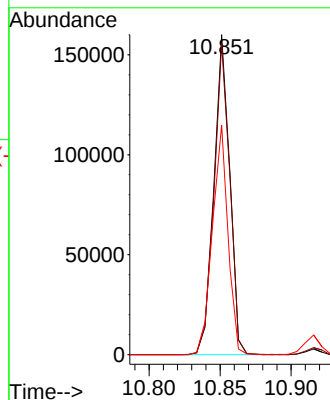
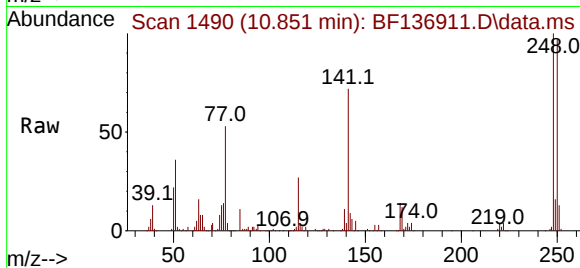




#67
4-Bromophenyl-phenylether
Concen: 41.379 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

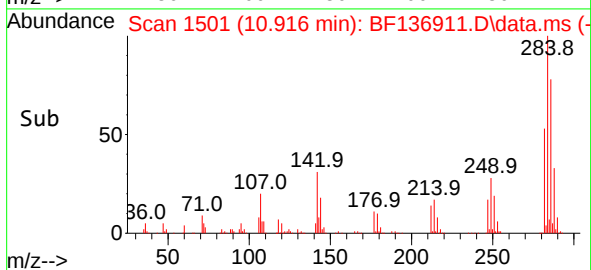
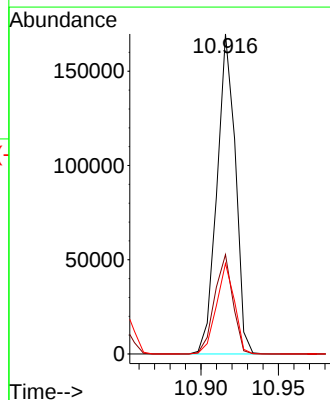
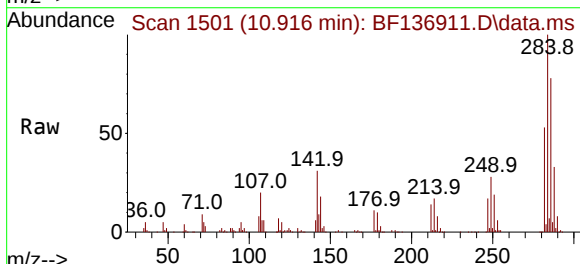
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 124054
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.6
141 71.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 41.962 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:284 Resp: 140195
Ion Ratio Lower Upper
284 100
142 31.0 23.4 35.0
249 28.3 22.3 33.5





#69

Atrazine

Concen: 42.249 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

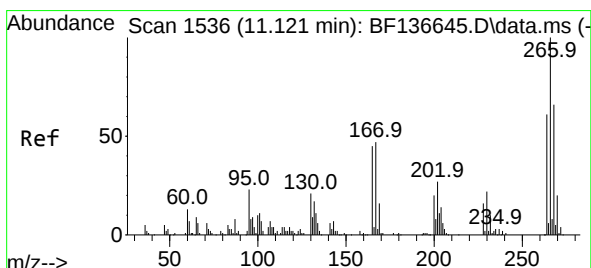
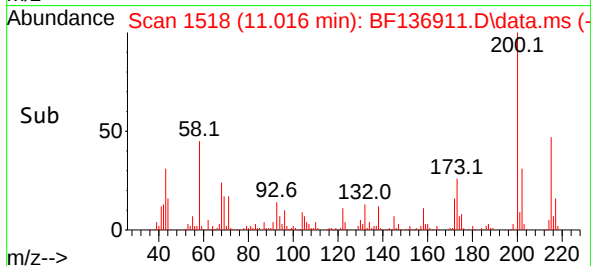
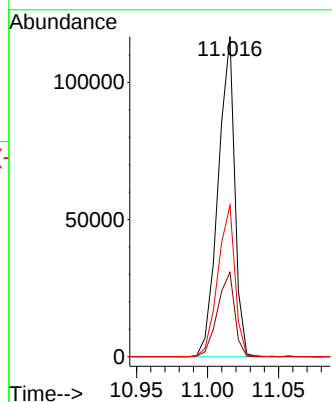
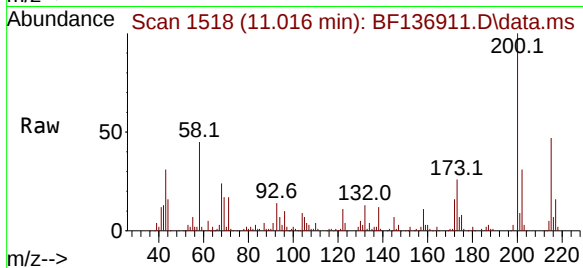
Tgt Ion:200 Resp: 94762

Ion Ratio Lower Upper

200 100

173 26.4 7.6 47.6

215 47.2 28.3 68.3



#70

Pentachlorophenol

Concen: 32.040 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

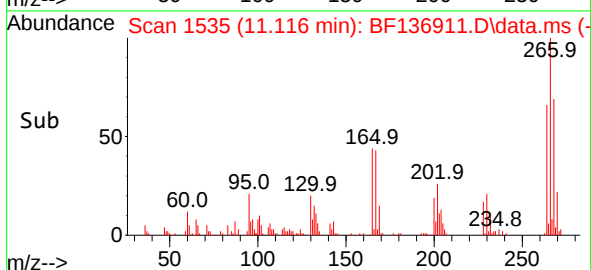
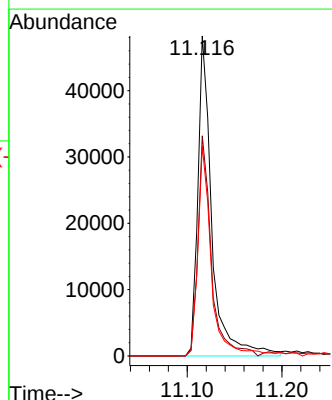
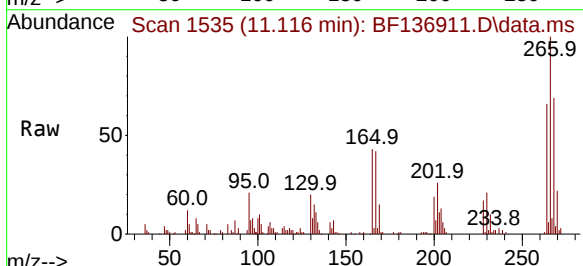
Tgt Ion:266 Resp: 49896

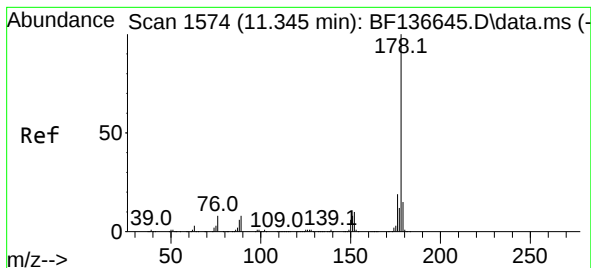
Ion Ratio Lower Upper

266 100

268 68.8 52.6 78.8

264 65.6 49.0 73.4





#71

Phenanthrene

Concen: 40.726 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

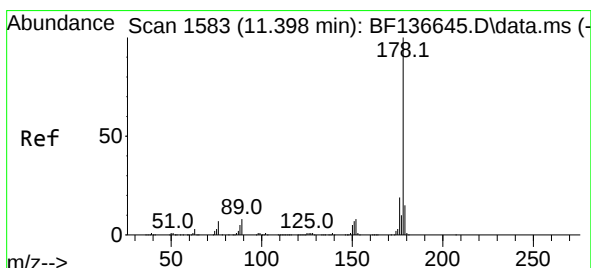
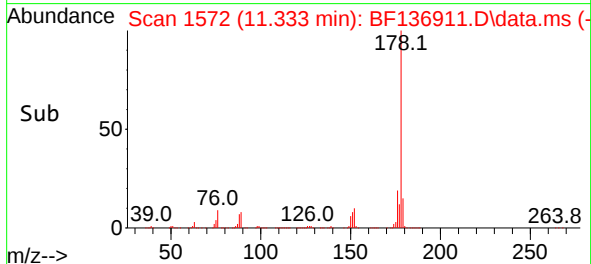
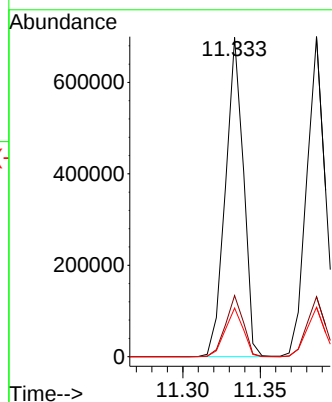
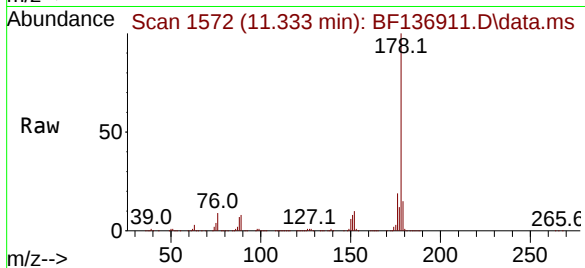
Tgt Ion:178 Resp: 564108

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 40.758 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

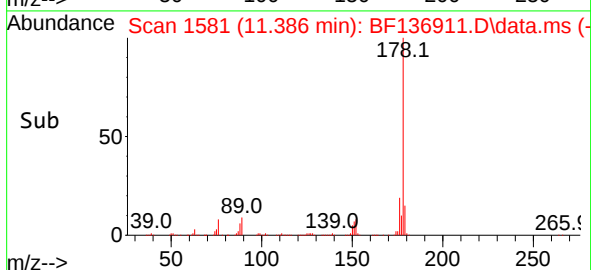
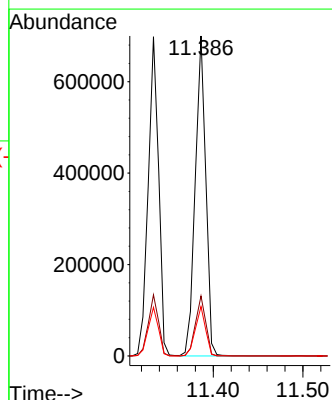
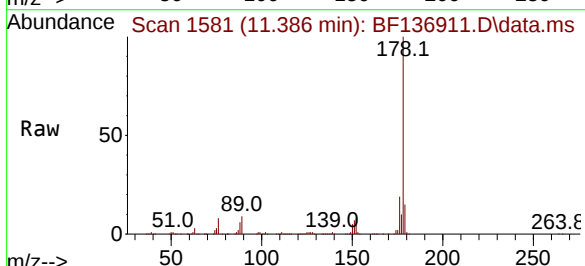
Tgt Ion:178 Resp: 571745

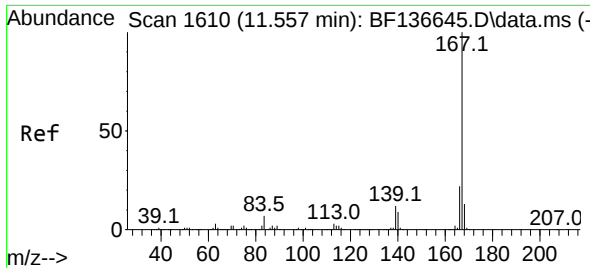
Ion Ratio Lower Upper

178 100

176 18.7 14.9 22.3

179 15.5 11.8 17.6

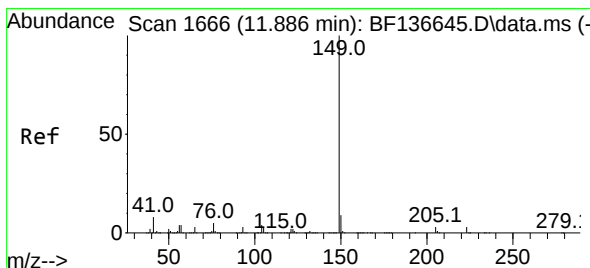
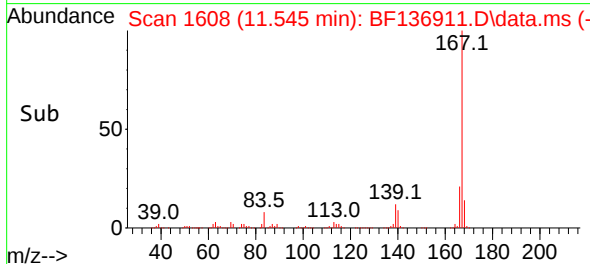
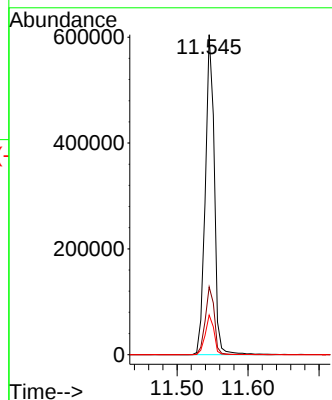
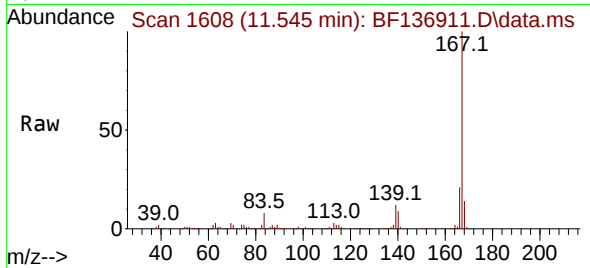




#73
 Carbazole
 Concen: 40.524 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. -0.012 min
 Lab File: BF136911.D
 Acq: 03 Jan 2024 17:06

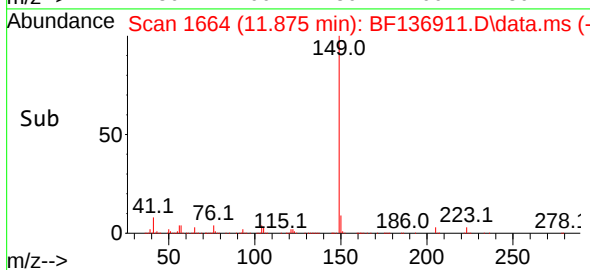
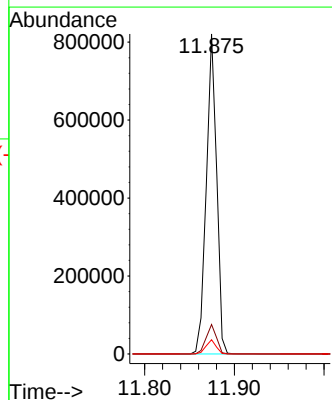
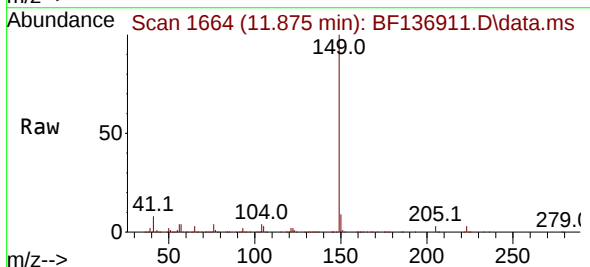
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:167 Resp: 535955
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.3 25.9
 139 12.4 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 40.566 ng
 RT: 11.875 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136911.D
 Acq: 03 Jan 2024 17:06

Tgt Ion:149 Resp: 654673
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 39.495 ng

RT: 12.527 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

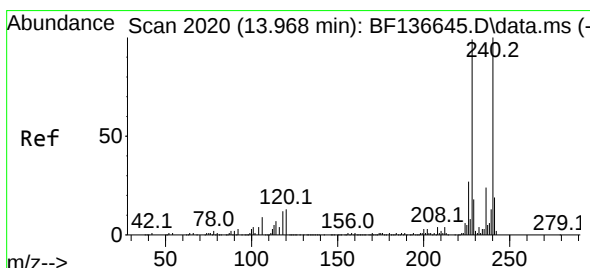
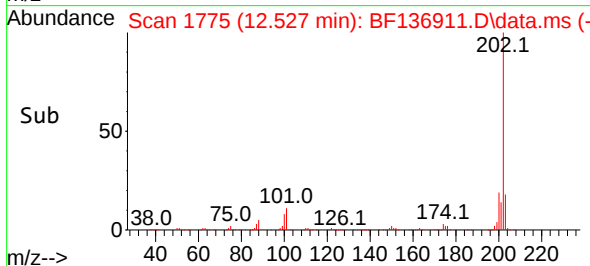
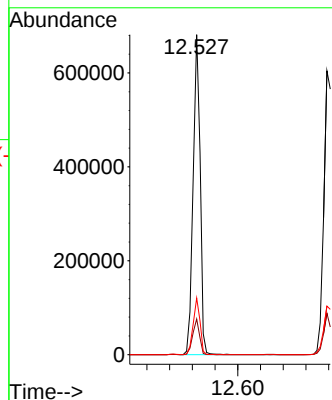
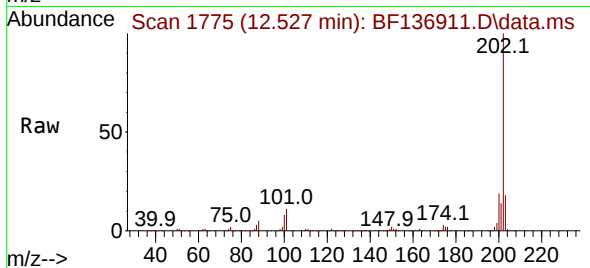
Tgt Ion:202 Resp: 585166

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

203 17.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

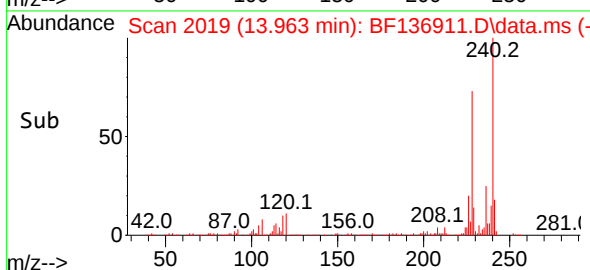
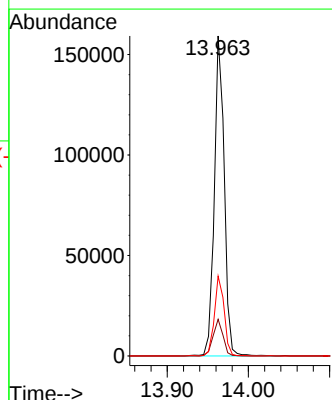
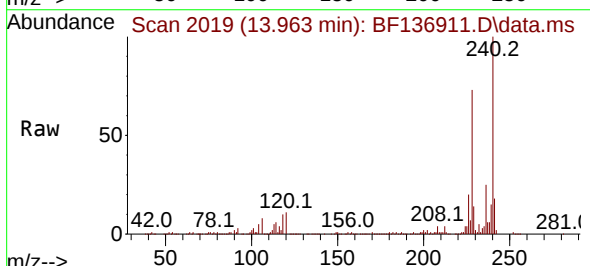
Tgt Ion:240 Resp: 134759

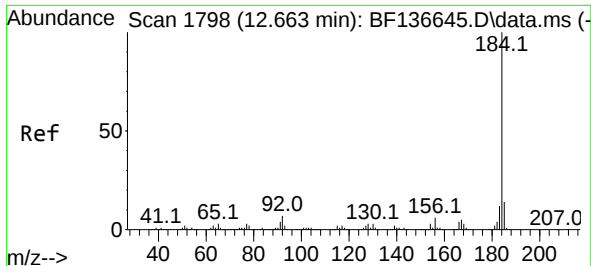
Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

236 24.9 19.4 29.2

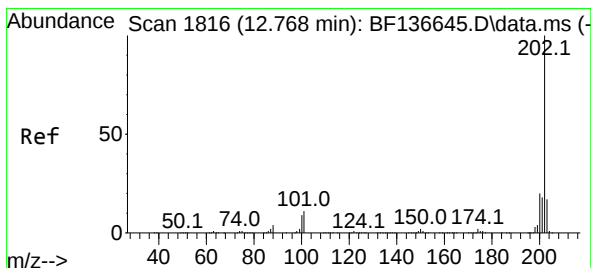
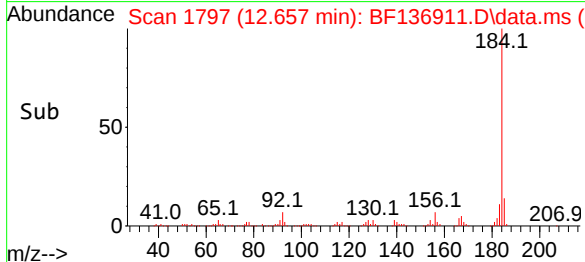
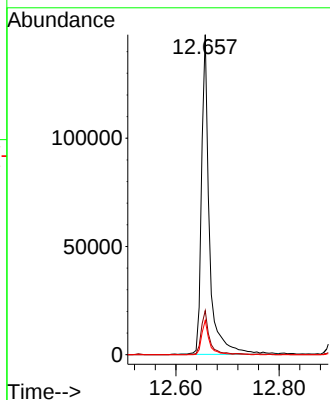
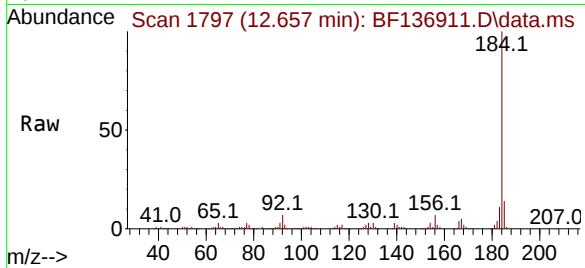




#77
Benzidine
Concen: 39.352 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

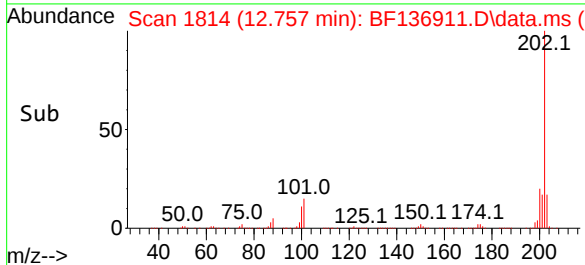
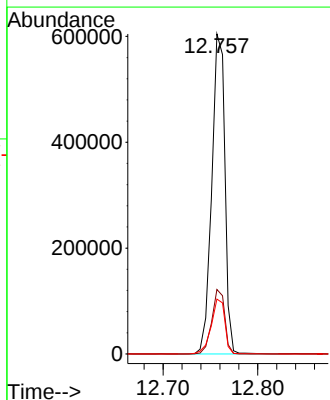
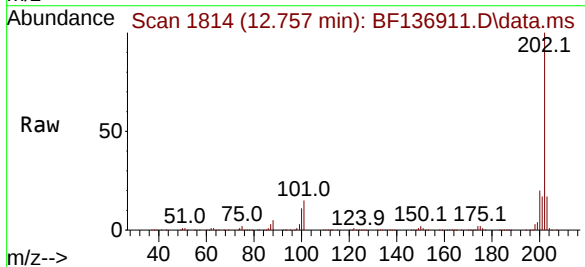
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

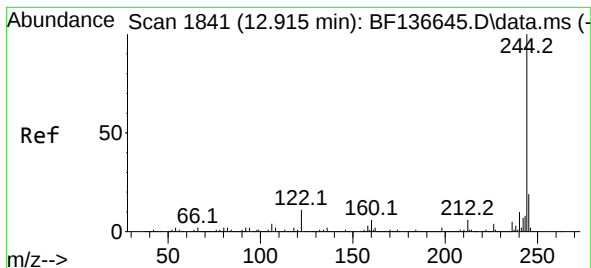
Tgt Ion:184 Resp: 156362
Ion Ratio Lower Upper
184 100
185 13.8 11.2 16.8
183 10.7 9.3 13.9



#78
Pyrene
Concen: 43.886 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:202 Resp: 580566
Ion Ratio Lower Upper
202 100
200 20.2 15.9 23.9
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 87.927 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

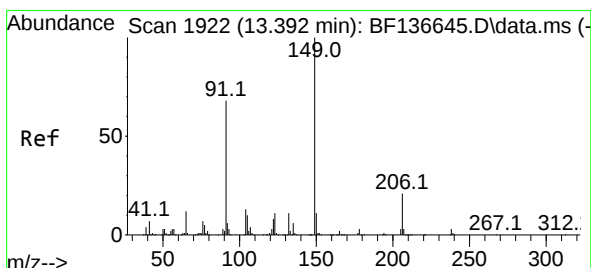
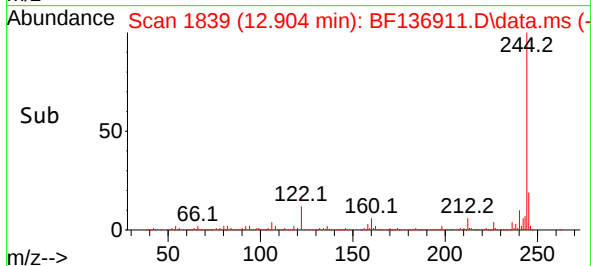
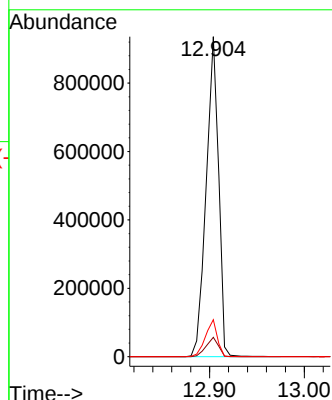
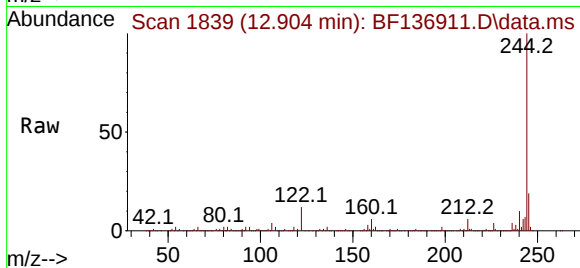
Tgt Ion:244 Resp: 847891

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 42.440 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

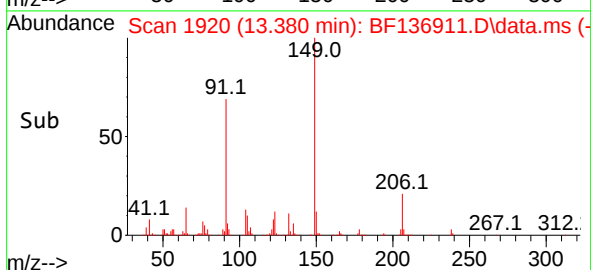
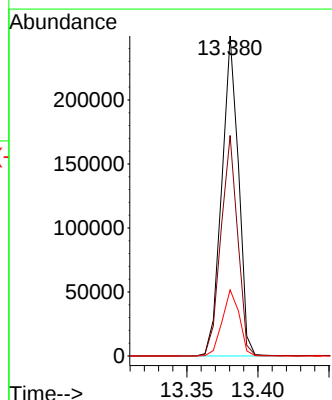
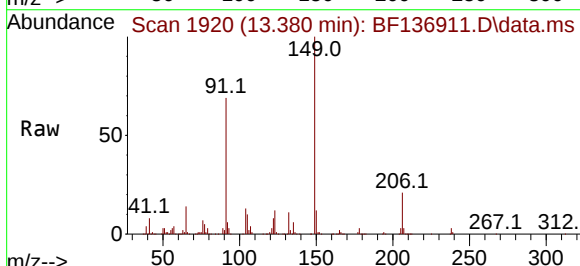
Tgt Ion:149 Resp: 204288

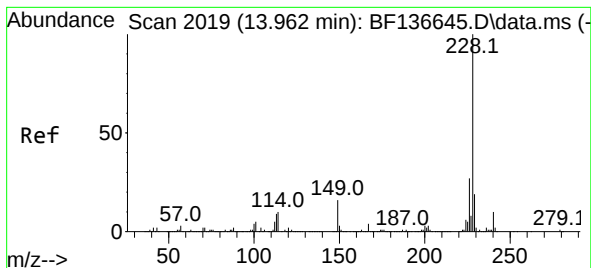
Ion Ratio Lower Upper

149 100

91 68.9 54.1 81.1

206 20.7 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.229 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

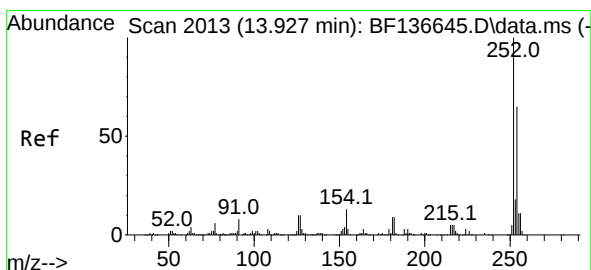
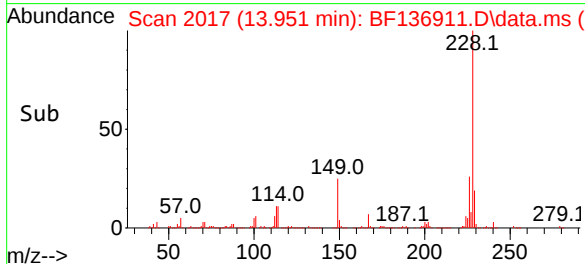
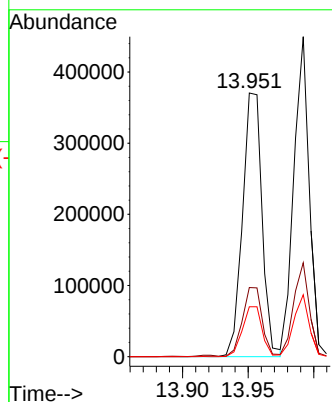
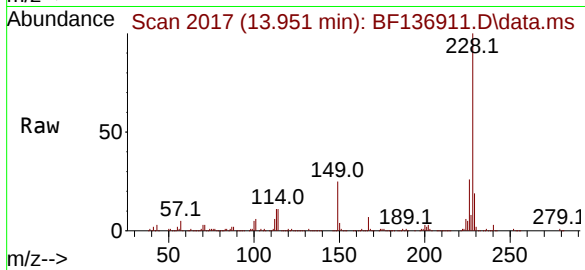
Tgt Ion:228 Resp: 385802

Ion Ratio Lower Upper

228 100

226 26.2 21.4 32.0

229 18.9 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 41.779 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

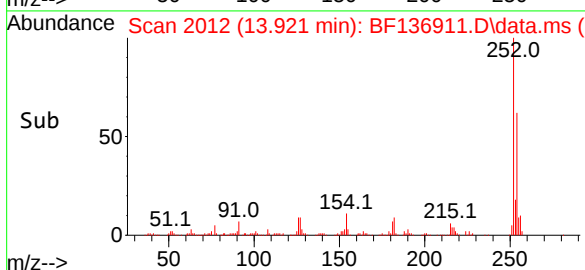
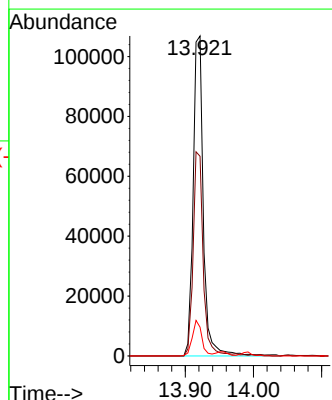
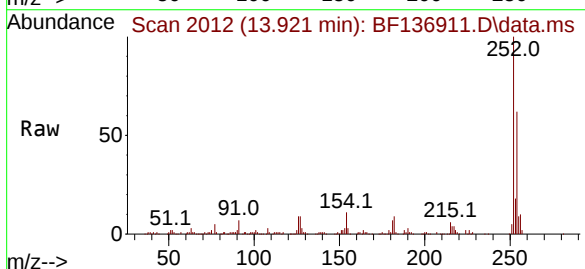
Tgt Ion:252 Resp: 111026

Ion Ratio Lower Upper

252 100

254 62.4 52.2 78.4

126 9.0 8.0 12.0





#83

Chrysene

Concen: 40.569 ng

RT: 13.992 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

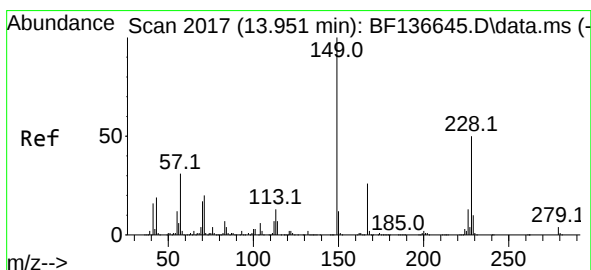
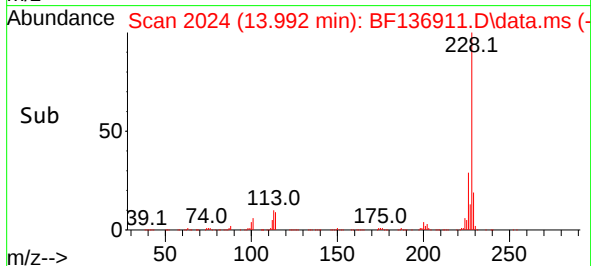
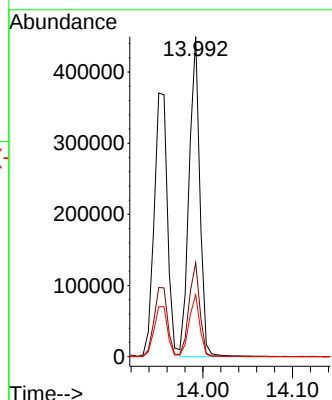
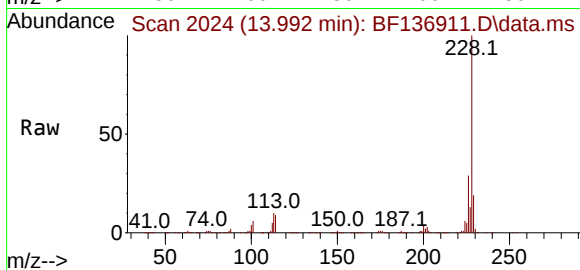
Tgt Ion:228 Resp: 371237

Ion Ratio Lower Upper

228 100

226 29.4 24.7 37.1

229 19.4 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.323 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

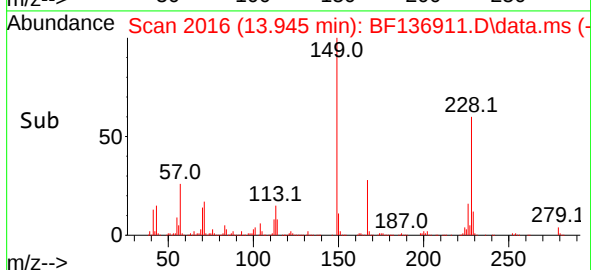
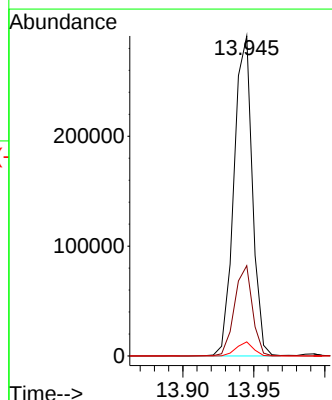
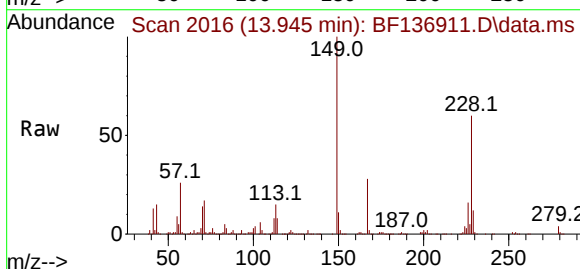
Tgt Ion:149 Resp: 262382

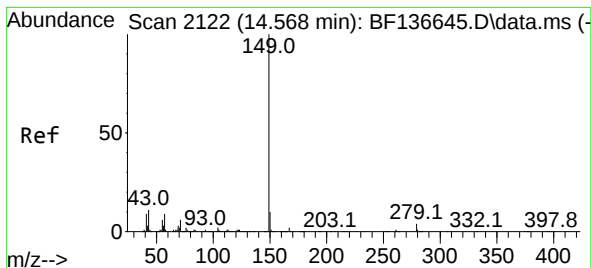
Ion Ratio Lower Upper

149 100

167 28.2 20.9 31.3

279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 39.723 ng

RT: 14.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

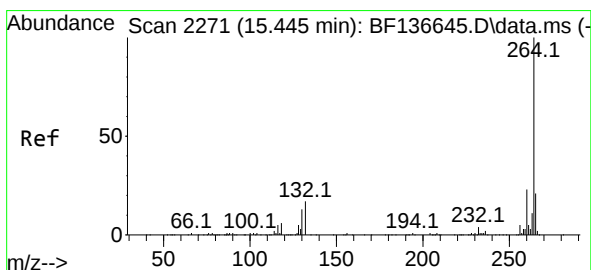
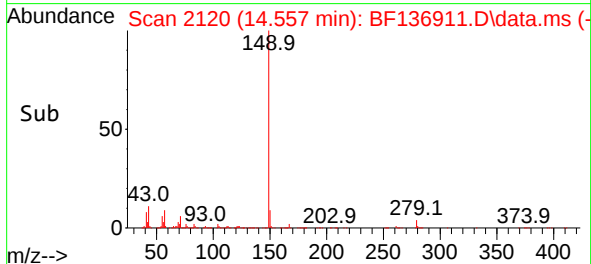
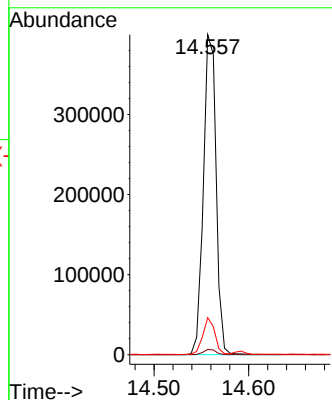
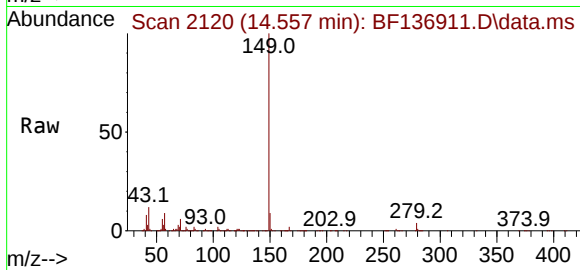
Tgt Ion:149 Resp: 372137

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.9 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: BF136911.D

Acq: 03 Jan 2024 17:06

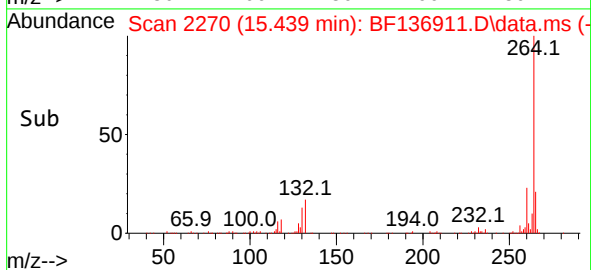
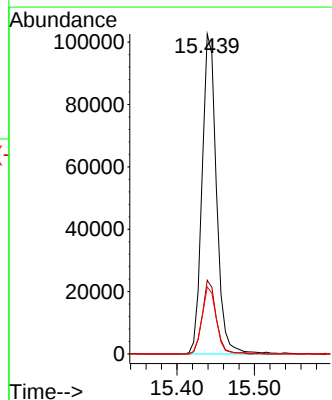
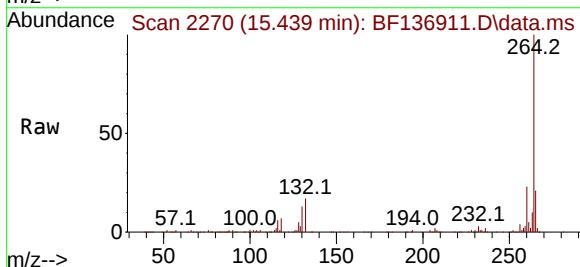
Tgt Ion:264 Resp: 132736

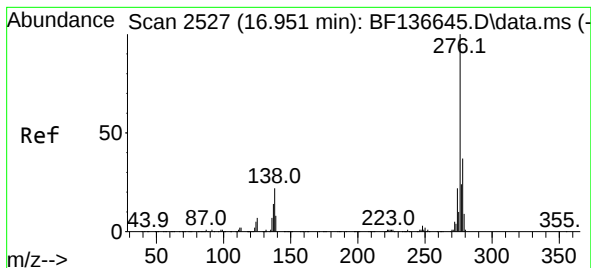
Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.138 ng

RT: 16.957 min Scan# 2197

Delta R.T. 0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

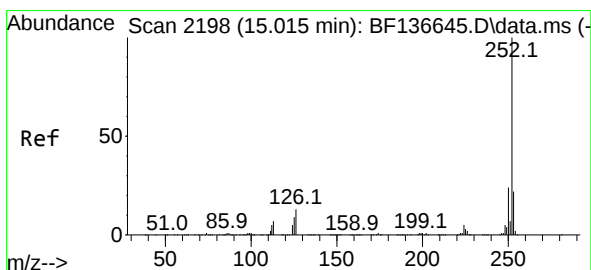
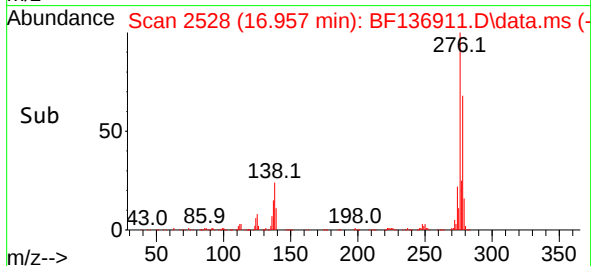
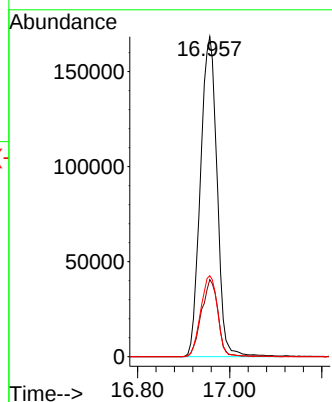
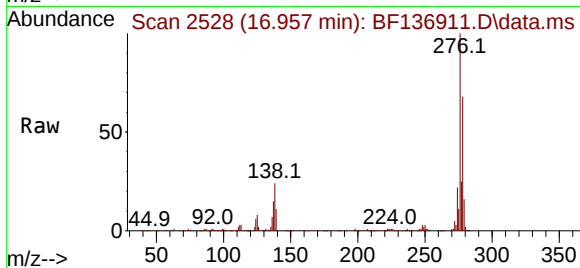
Tgt Ion:276 Resp: 423010

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

277 25.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 36.453 ng

RT: 15.010 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136911.D

Acq: 03 Jan 2024 17:06

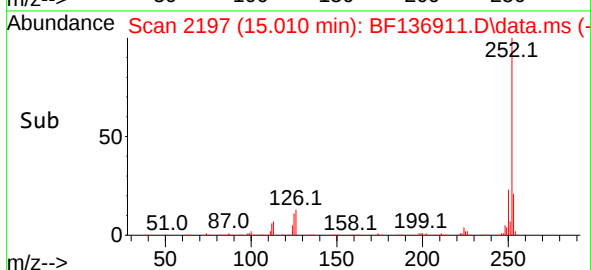
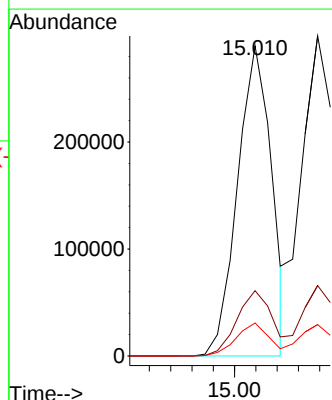
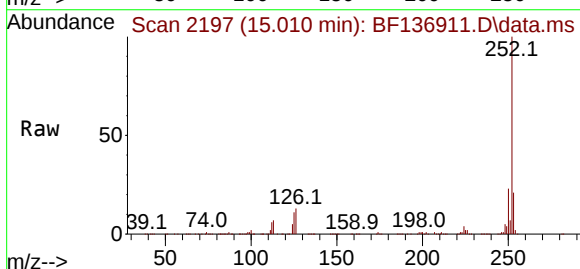
Tgt Ion:252 Resp: 323177

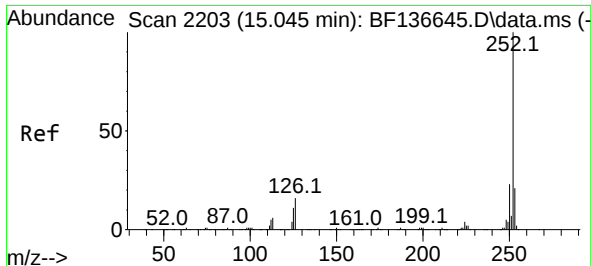
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 10.6 7.4 11.2

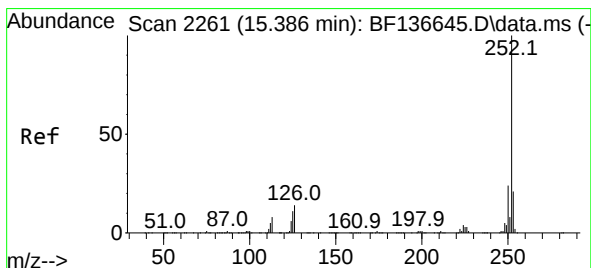
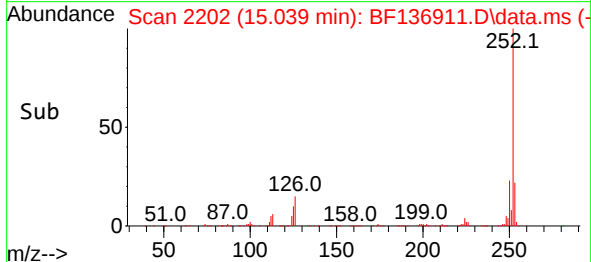
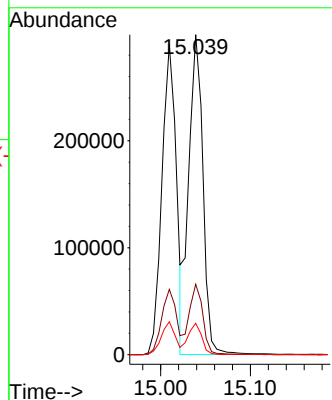
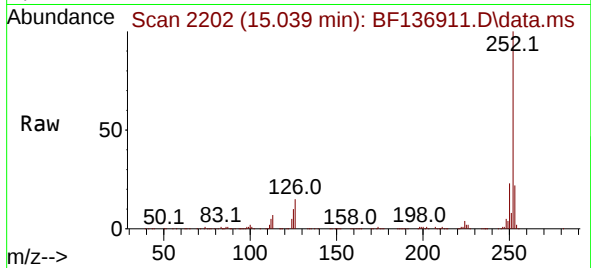




#89
Benzo(k)fluoranthene
Concen: 39.167 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

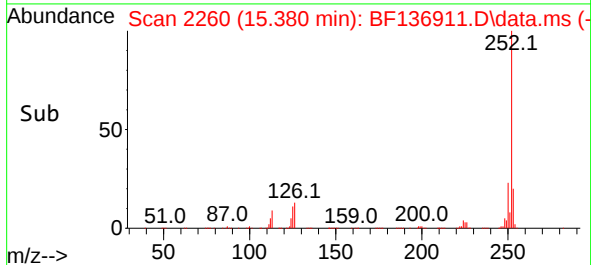
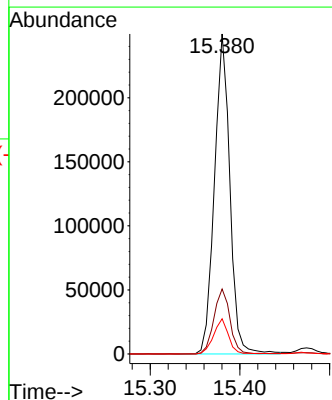
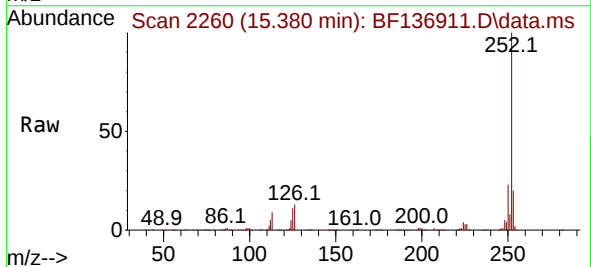
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

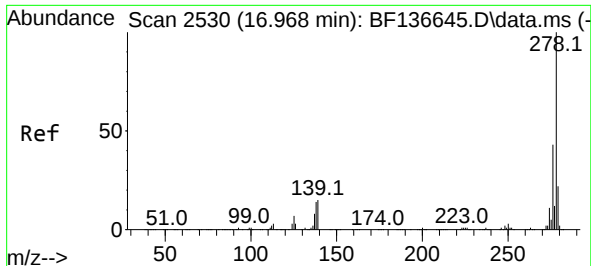
Tgt Ion:252 Resp: 328107
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 9.8 8.2 12.4



#90
Benzo(a)pyrene
Concen: 39.770 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:252 Resp: 297618
Ion Ratio Lower Upper
252 100
253 20.3 17.0 25.6
125 11.0 8.8 13.2

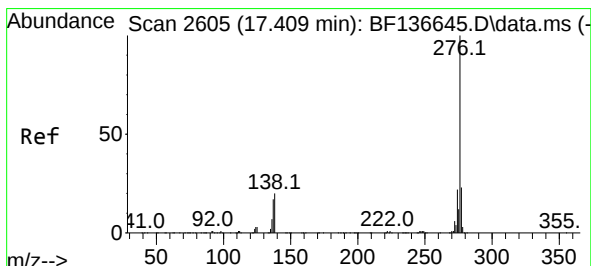
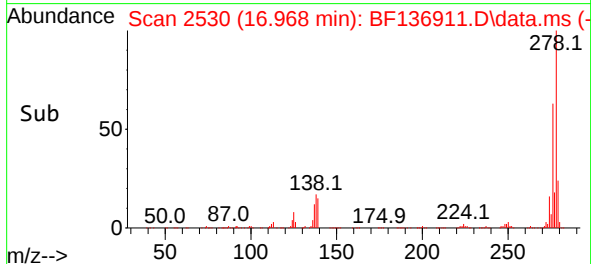
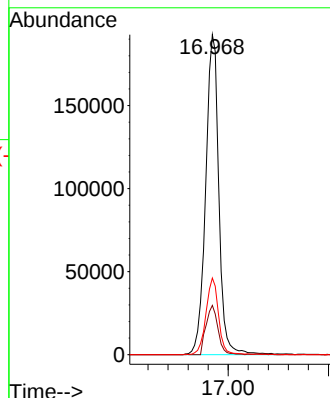
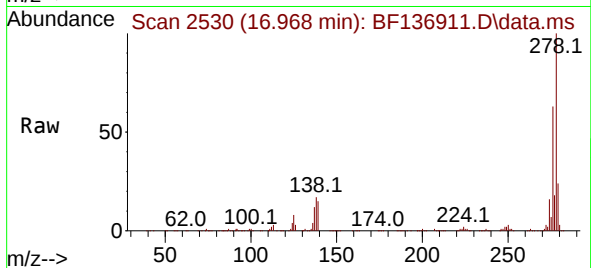




#91
Dibenzo(a,h)anthracene
Concen: 44.824 ng
RT: 16.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 352425
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 23.9 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 45.616 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136911.D
Acq: 03 Jan 2024 17:06

Tgt Ion:276 Resp: 367343
Ion Ratio Lower Upper
276 100
277 22.4 18.3 27.5
138 21.3 15.6 23.4

