

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136841.D
 Acq On : 29 Dec 2023 21:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 30 01:04:58 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	6.781	152	72384	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	285202	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	140385	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	252218	20.000	ng	0.00
76) Chrysene-d12	13.968	240	128595	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	144763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	382127	82.370	ng	0.00
7) Phenol-d6	6.434	99	491377	81.743	ng	0.00
23) Nitrobenzene-d5	7.351	82	437687	78.530	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	130369	78.852	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	857318	82.137	ng	-0.01
79) Terphenyl-d14	12.904	244	774917	84.212	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	80434	41.612	ng	95
3) Pyridine	3.287	79	188479	39.964	ng	98
4) n-Nitrosodimethylamine	3.263	42	97422	38.682	ng	96
6) Aniline	6.451	93	229008	38.104	ng	# 57
8) 2-Chlorophenol	6.575	128	207513	40.875	ng	94
9) Benzaldehyde	6.339	77	123482	36.115	ng	97
10) Phenol	6.445	94	256942	40.041	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	196109	40.186	ng	96
12) 1,3-Dichlorobenzene	6.722	146	226093	40.824	ng	100
13) 1,4-Dichlorobenzene	6.798	146	231580	40.924	ng	99
14) 1,2-Dichlorobenzene	6.951	146	213455	40.537	ng	98
15) Benzyl Alcohol	6.934	79	156498	38.590	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.063	45	307264	38.511	ng	98
17) 2-Methylphenol	7.045	107	165402	39.327	ng	98
18) Hexachloroethane	7.286	117	84177	40.960	ng	97
19) n-Nitroso-di-n-propyla...	7.198	70	141754	38.901	ng	97
20) 3+4-Methylphenols	7.198	107	207085	39.412	ng	# 87
22) Acetophenone	7.192	105	284026	39.732	ng	# 92
24) Nitrobenzene	7.369	77	219959	39.397	ng	95
25) Isophorone	7.604	82	393506	38.801	ng	99
26) 2-Nitrophenol	7.681	139	111320	41.674	ng	96
27) 2,4-Dimethylphenol	7.722	122	129946	39.958	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	239234	38.808	ng	98
29) 2,4-Dichlorophenol	7.928	162	167934	40.110	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	190464	40.830	ng	99
31) Naphthalene	8.086	128	626829	40.006	ng	99
32) Benzoic acid	7.857	122	93913	29.846	ng	96
33) 4-Chloroaniline	8.139	127	221645	38.314	ng	97
34) Hexachlorobutadiene	8.198	225	115044	40.591	ng	99
35) Caprolactam	8.516	113	61152	44.275	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	181269	38.458	ng	99
37) 2-Methylnaphthalene	8.775	142	397841	39.454	ng	98
38) 1-Methylnaphthalene	8.875	142	385546	38.972	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	182803	42.046	ng	99
41) Hexachlorocyclopentadiene	8.922	237	69695	52.097	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	117862	42.271	ng	98

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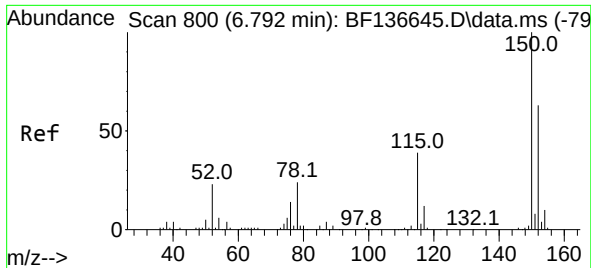
Quant Time: Dec 30 01:04:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	125882	40.514	ng	97
46) 1,1'-Biphenyl	9.239	154	490235	41.614	ng	98
47) 2-Chloronaphthalene	9.263	162	371475	41.479	ng	100
48) 2-Nitroaniline	9.369	65	112366	40.067	ng	93
49) Acenaphthylene	9.680	152	557948	40.760	ng	99
50) Dimethylphthalate	9.545	163	414933	40.465	ng	99
51) 2,6-Dinitrotoluene	9.610	165	94566	40.636	ng	# 88
52) Acenaphthene	9.851	154	348688	41.093	ng	98
53) 3-Nitroaniline	9.780	138	94906	38.498	ng	98
54) 2,4-Dinitrophenol	9.892	184	62936	50.253	ng	91
55) Dibenzofuran	10.027	168	511672	39.780	ng	97
56) 4-Nitrophenol	9.957	139	76071	45.711	ng	97
57) 2,4-Dinitrotoluene	10.016	165	121057	40.070	ng	# 98
58) Fluorene	10.369	166	412053	40.374	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	93355	39.032	ng	99
60) Diethylphthalate	10.245	149	416521	39.150	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	197090	39.730	ng	96
62) 4-Nitroaniline	10.398	138	88080	37.063	ng	95
63) Azobenzene	10.522	77	387680	39.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.427	198	62583	43.296	ng	93
66) n-Nitrosodiphenylamine	10.486	169	352270	42.995	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	118993	42.481	ng	99
68) Hexachlorobenzene	10.916	284	132656	42.497	ng	# 92
69) Atrazine	11.016	200	87872	41.932	ng	98
70) Pentachlorophenol	11.116	266	65678	45.140	ng	97
71) Phenanthrene	11.333	178	539857	41.715	ng	99
72) Anthracene	11.386	178	540780	41.261	ng	99
73) Carbazole	11.545	167	492198	39.832	ng	100
74) Di-n-butylphthalate	11.874	149	623422	41.346	ng	100
75) Fluoranthene	12.527	202	534507	38.612	ng	98
77) Benzidine	12.657	184	87132	22.980	ng	98
78) Pyrene	12.757	202	524000	41.509	ng	99
80) Butylbenzylphthalate	13.380	149	198354	43.182	ng	95
81) Benzo(a)anthracene	13.957	228	374367	41.925	ng	100
82) 3,3'-Dichlorobenzidine	13.921	252	109954	43.359	ng	98
83) Chrysene	13.992	228	355970	40.766	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	270267	46.764	ng	98
85) Di-n-octyl phthalate	14.562	149	423472	47.369	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	466553	44.637	ng	100
88) Benzo(b)fluoranthene	15.009	252	371306	38.402	ng	99
89) Benzo(k)fluoranthene	15.039	252	338999	37.105	ng	99
90) Benzo(a)pyrene	15.386	252	327859	40.171	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	381112	44.445	ng	97
92) Benzo(g,h,i)perylene	17.415	276	395332	45.014	ng	100

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

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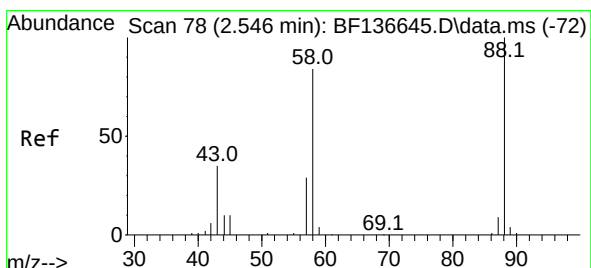
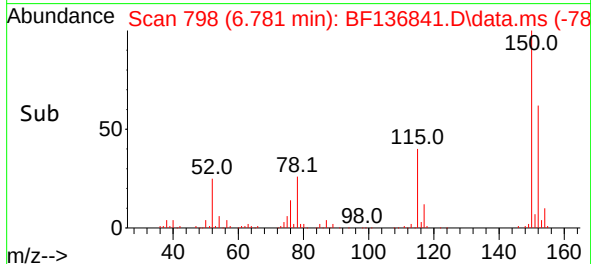
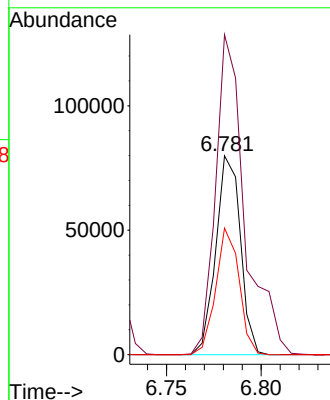
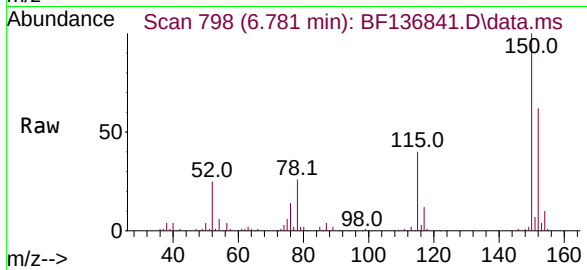




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136841.D
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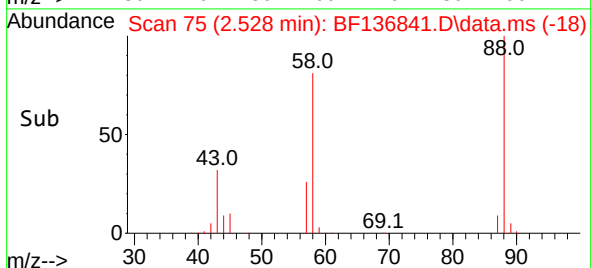
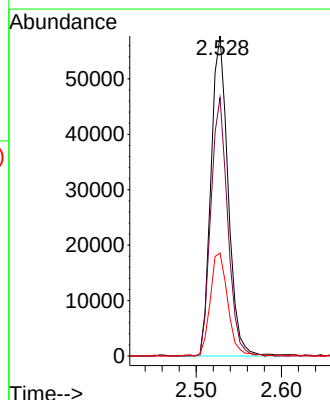
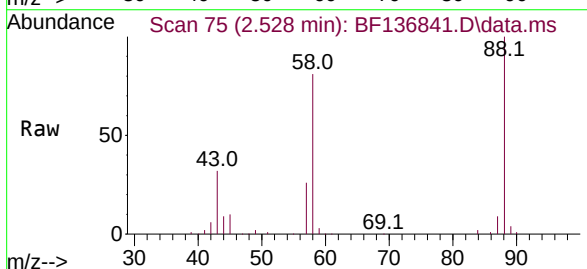
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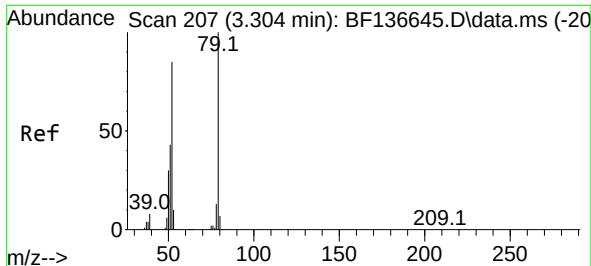
Tgt Ion:152 Resp: 72384
 Ion Ratio Lower Upper
 152 100
 150 160.9 127.0 190.6
 115 63.7 49.0 73.4



#2
 1,4-Dioxane
 Concen: 41.612 ng
 RT: 2.528 min Scan# 75
 Delta R.T. -0.018 min
 Lab File: BF136841.D
 Acq: 29 Dec 2023 21:56

Tgt Ion: 88 Resp: 80434
 Ion Ratio Lower Upper
 88 100
 58 79.3 67.4 101.0
 43 33.1 27.7 41.5

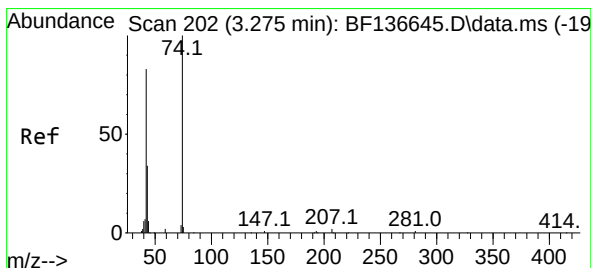
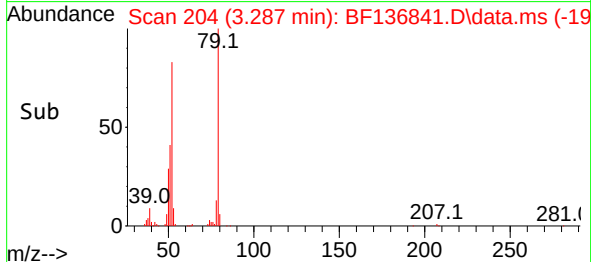
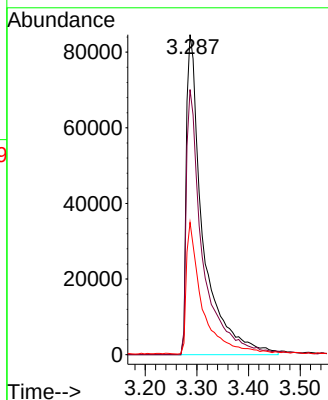
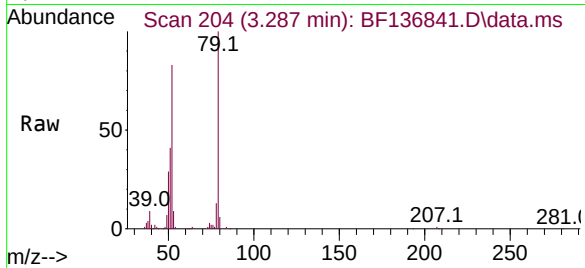




#3
 Pyridine
 Concen: 39.964 ng
 RT: 3.287 min Scan# 207
 Delta R.T. -0.018 min
 Lab File: BF136841.D
 Acq: 29 Dec 2023 21:56

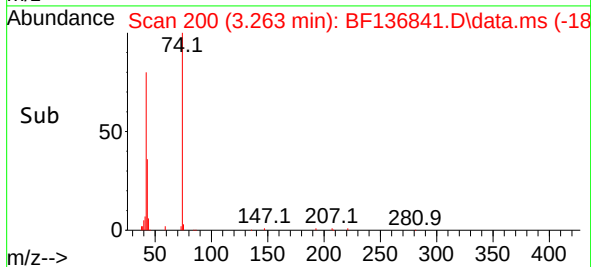
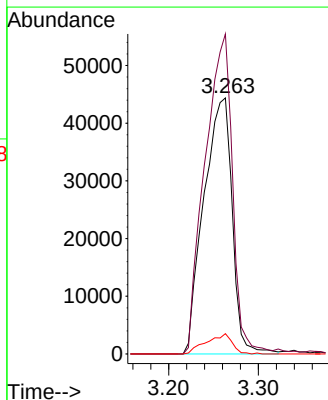
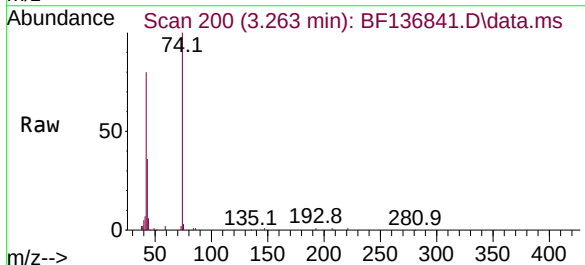
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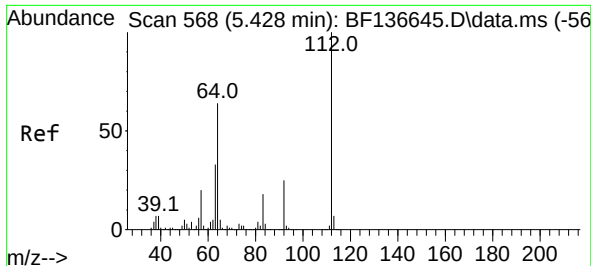
Tgt Ion: 79 Resp: 188479
 Ion Ratio Lower Upper
 79 100
 52 82.9 67.7 101.5
 51 41.4 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 38.682 ng
 RT: 3.263 min Scan# 200
 Delta R.T. -0.012 min
 Lab File: BF136841.D
 Acq: 29 Dec 2023 21:56

Tgt Ion: 42 Resp: 97422
 Ion Ratio Lower Upper
 42 100
 74 125.0 96.0 144.0
 44 8.0 5.4 8.2

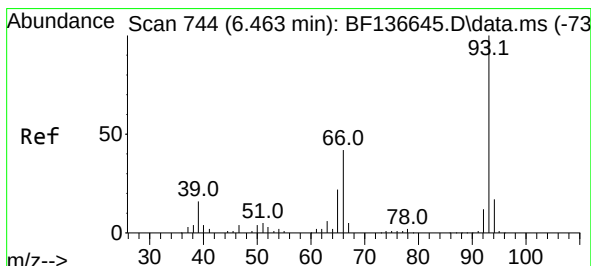
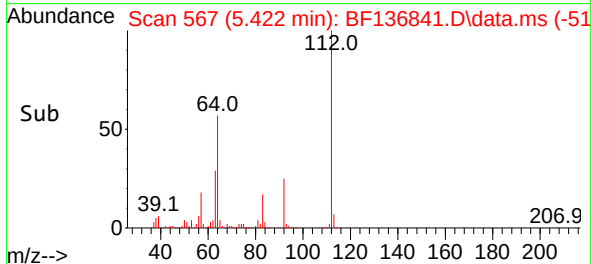
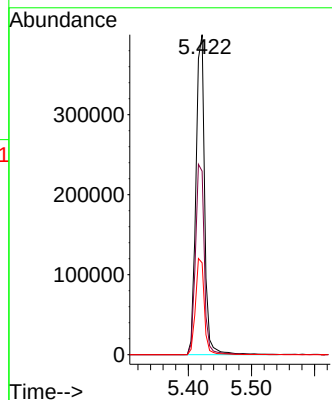
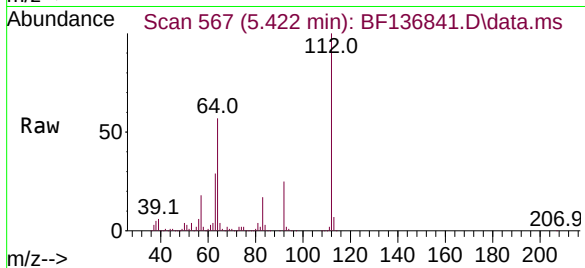




#5
2-Fluorophenol
Concen: 82.370 ng
RT: 5.422 min Scan# 509
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

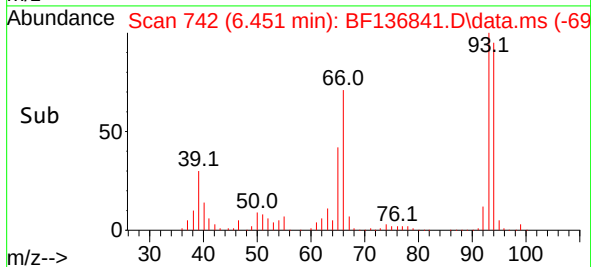
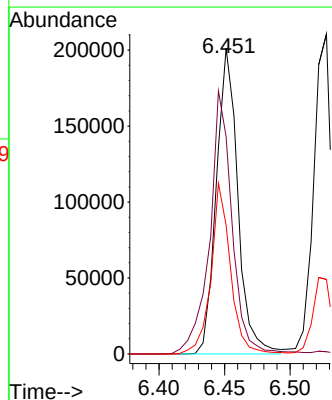
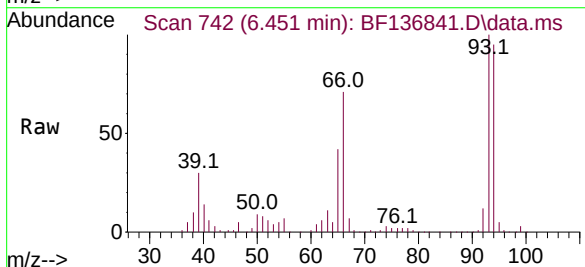
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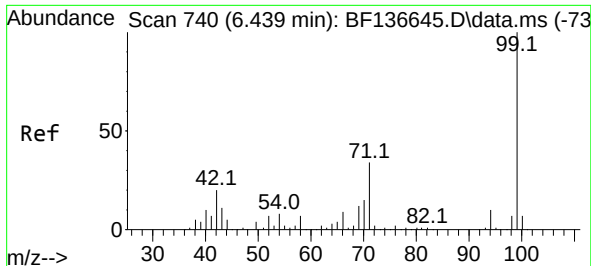
Tgt Ion:112 Resp: 382127
Ion Ratio Lower Upper
112 100
64 57.4 51.1 76.7
63 28.7 26.1 39.1



#6
Aniline
Concen: 38.104 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion: 93 Resp: 229008
Ion Ratio Lower Upper
93 100
66 71.1 34.6 51.8#
65 42.1 17.8 26.8#

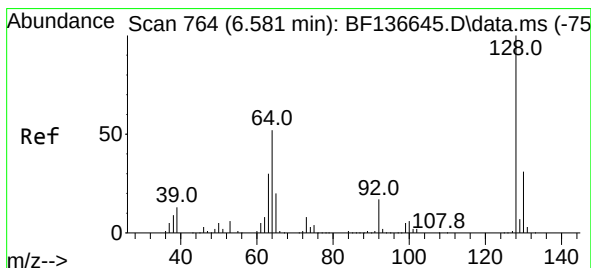
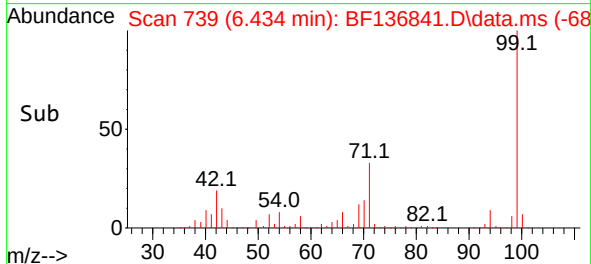
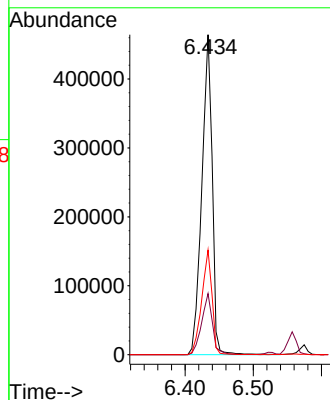
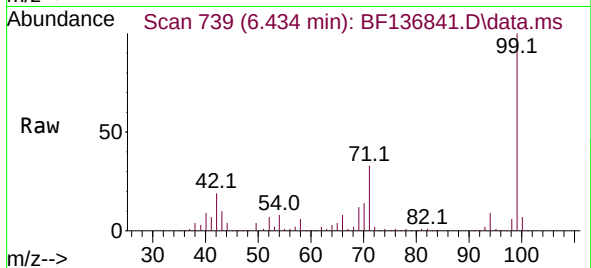




#7
Phenol-d6
Concen: 81.743 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

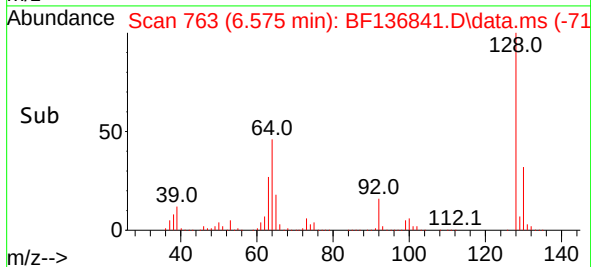
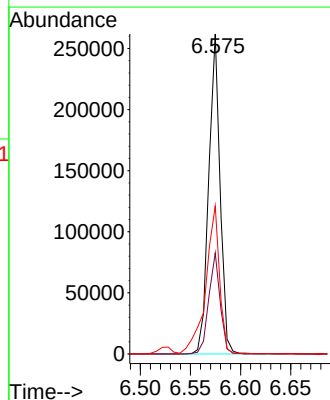
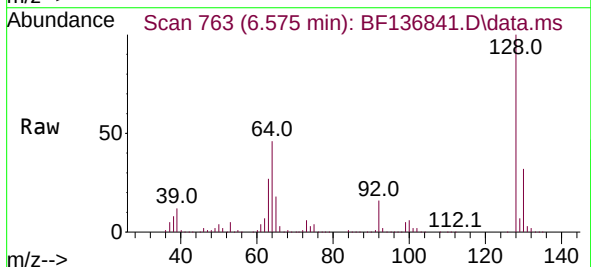
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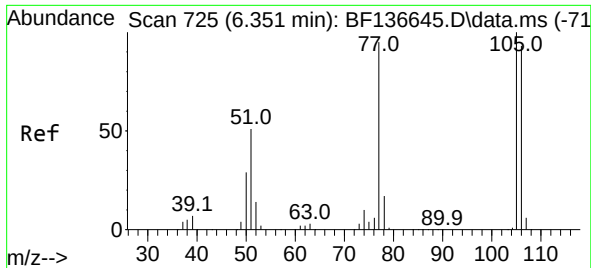
Tgt Ion: 99 Resp: 491377
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 32.7 27.4 41.2



#8
2-Chlorophenol
Concen: 40.875 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF136841.D
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Tgt Ion: 128 Resp: 207513
Ion Ratio Lower Upper
128 100
130 31.6 11.3 51.3
64 46.2 32.5 72.5





#9

Benzaldehyde

Concen: 36.115 ng

RT: 6.339 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

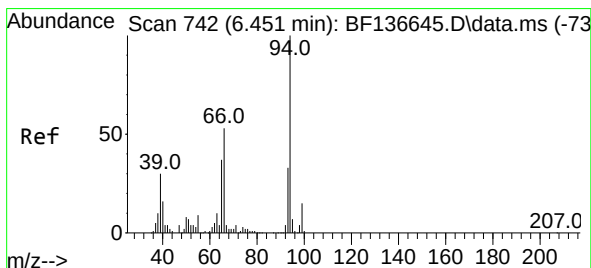
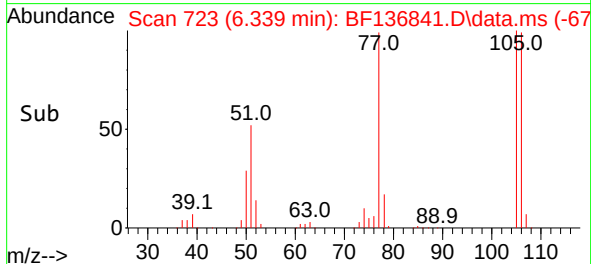
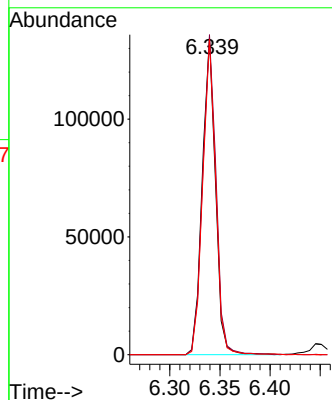
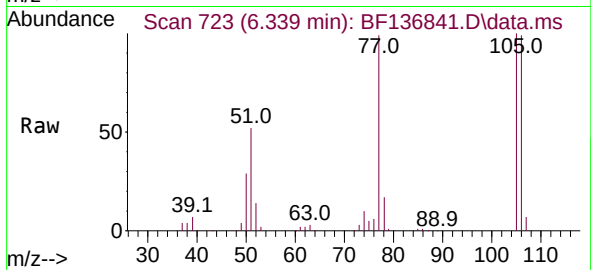
Tgt Ion: 77 Resp: 123482

Ion Ratio Lower Upper

77 100

105 100.9 84.8 124.8

106 99.5 77.8 117.8



#10

Phenol

Concen: 40.041 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

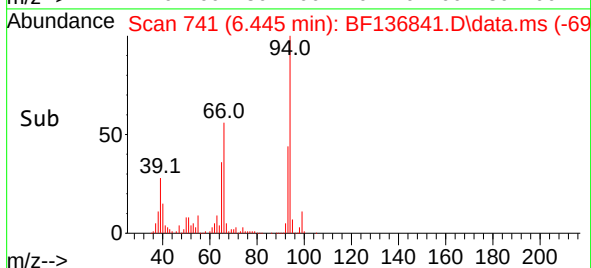
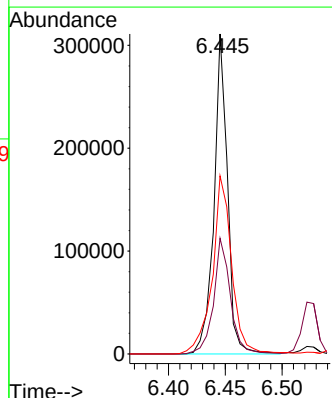
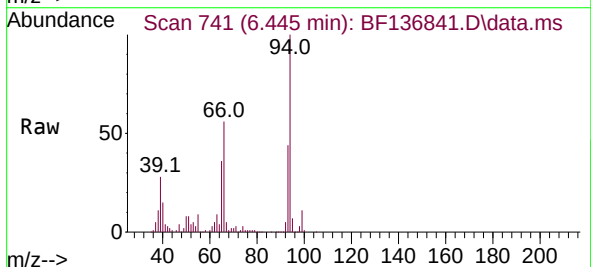
Tgt Ion: 94 Resp: 256942

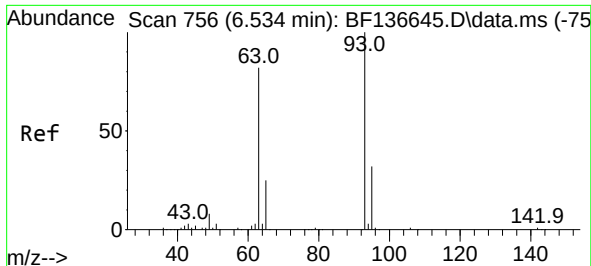
Ion Ratio Lower Upper

94 100

65 36.1 16.6 56.6

66 55.7 32.6 72.6





#11

bis(2-Chloroethyl)ether

Concen: 40.186 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136841.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

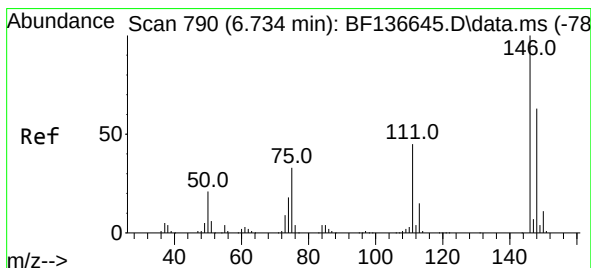
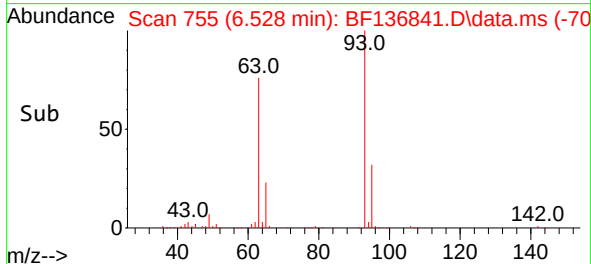
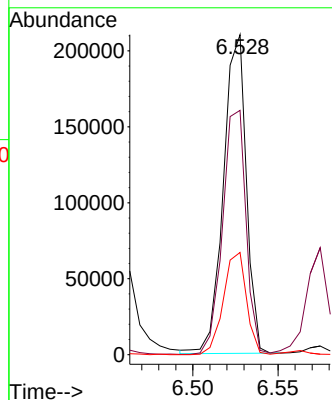
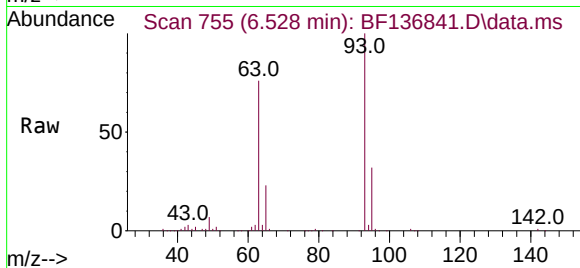
Tgt Ion: 93 Resp: 196109

Ion Ratio Lower Upper

93 100

63 76.4 61.2 101.2

95 32.0 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 40.824 ng

RT: 6.722 min Scan# 788

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

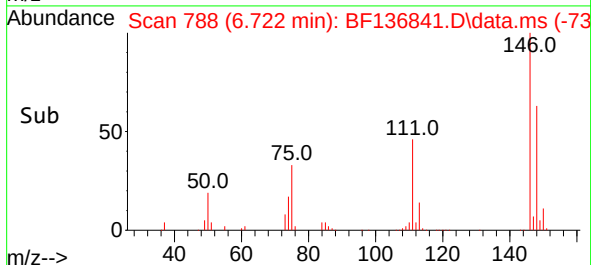
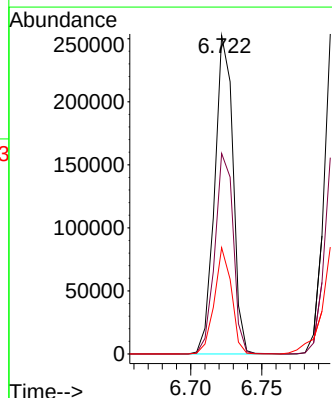
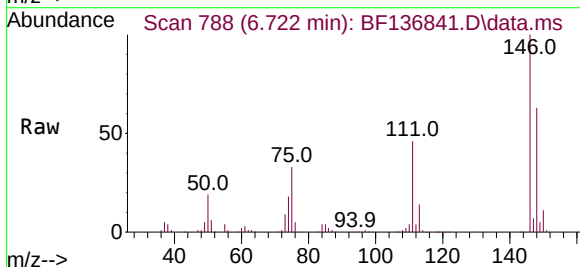
Tgt Ion: 146 Resp: 226093

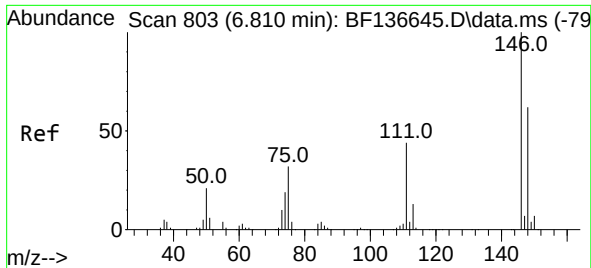
Ion Ratio Lower Upper

146 100

148 62.9 50.5 75.7

75 33.4 26.2 39.4

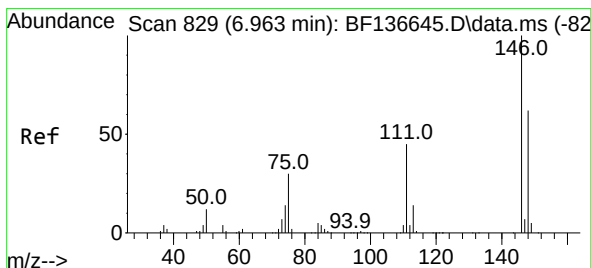
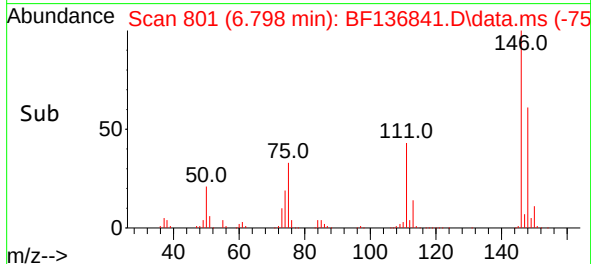
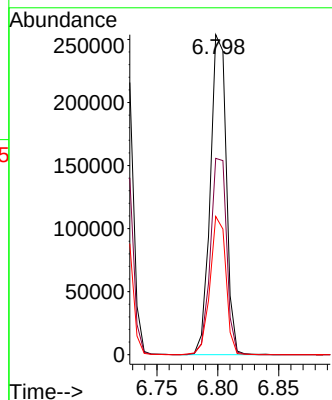
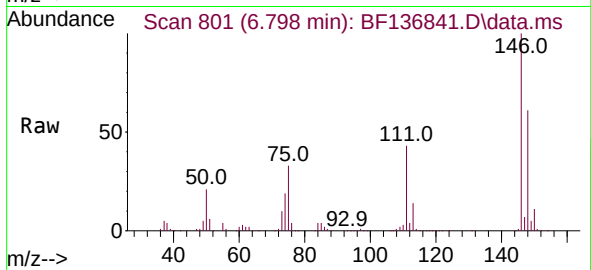




#13
1,4-Dichlorobenzene
Concen: 40.924 ng
RT: 6.798 min Scan# 803
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

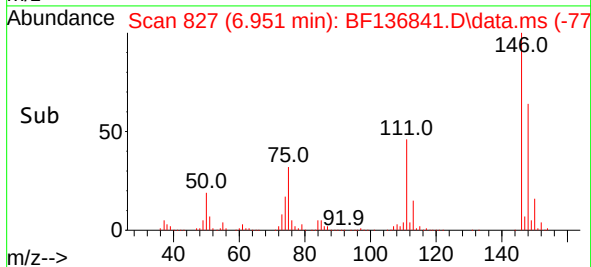
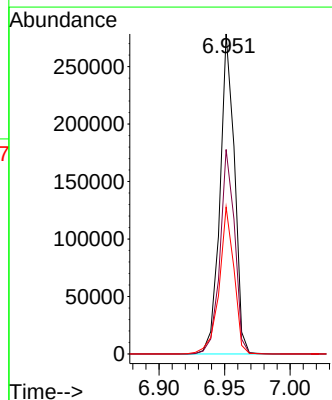
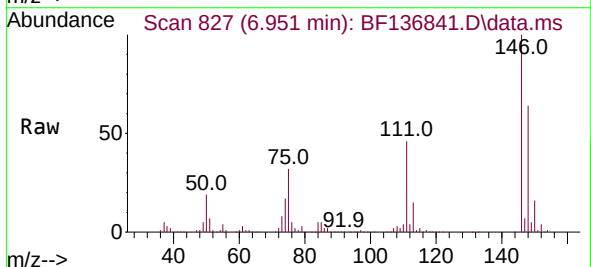
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

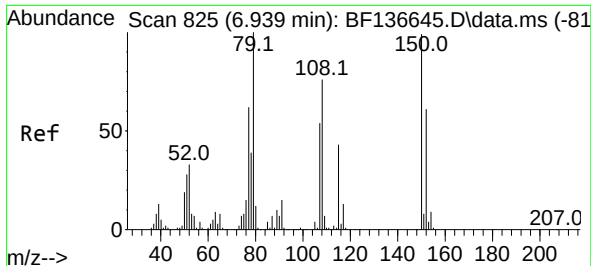
Tgt Ion:146 Resp: 231580
Ion Ratio Lower Upper
146 100
148 61.4 49.2 73.8
111 43.2 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 40.537 ng
RT: 6.951 min Scan# 827
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:146 Resp: 213455
Ion Ratio Lower Upper
146 100
148 63.9 49.6 74.4
111 45.9 36.2 54.2

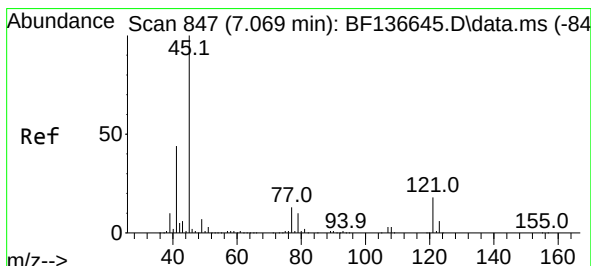
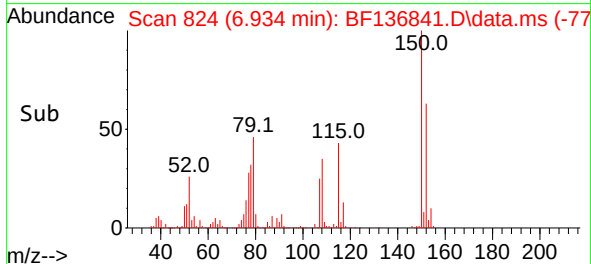
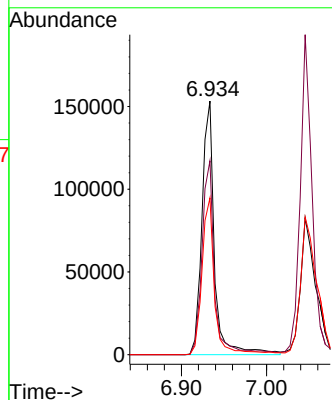
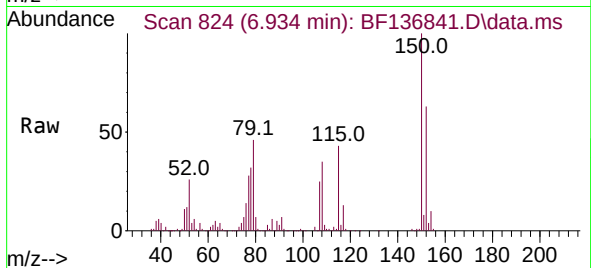




#15
Benzyl Alcohol
Concen: 38.590 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

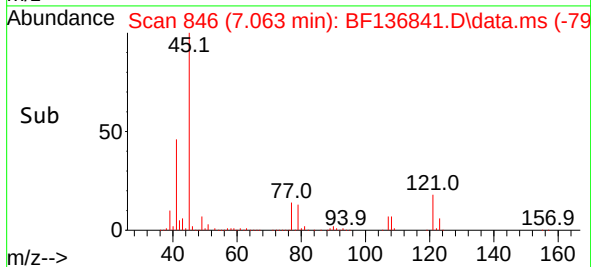
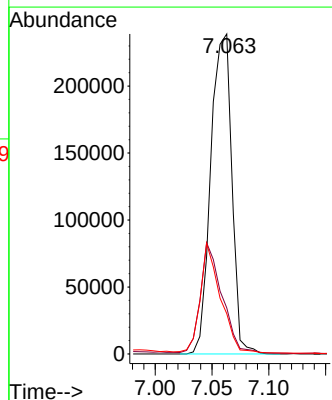
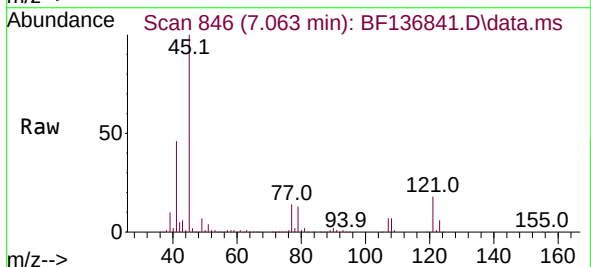
Instrument :
BNA_F
ClientSampleId :
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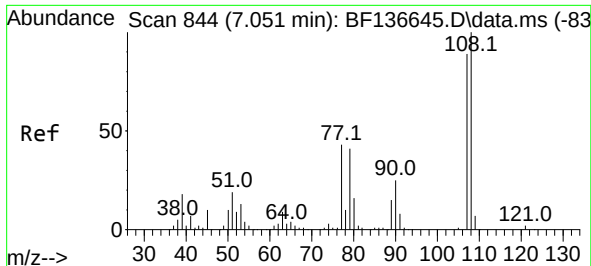
Tgt Ion: 79 Resp: 156498
Ion Ratio Lower Upper
79 100
108 76.5 61.0 91.6
77 61.8 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.511 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion: 45 Resp: 307264
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.3
79 12.6 0.0 31.4

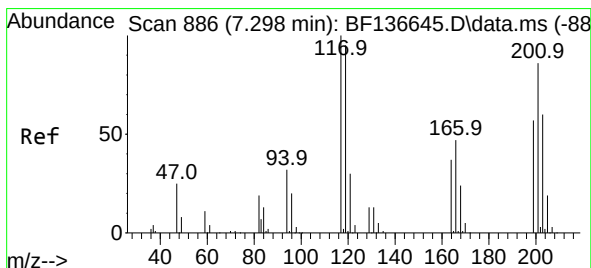
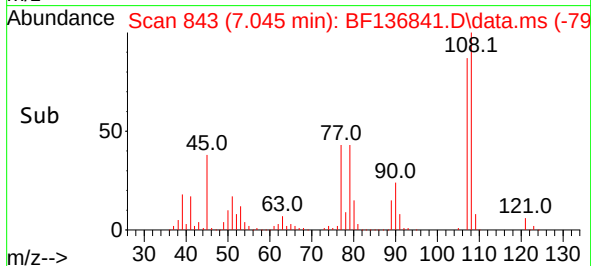
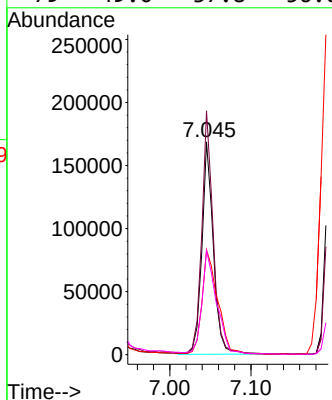
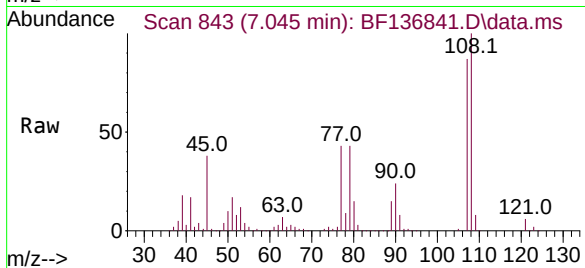




#17
2-Methylphenol
Concen: 39.327 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

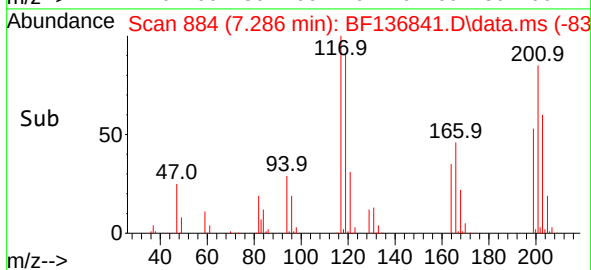
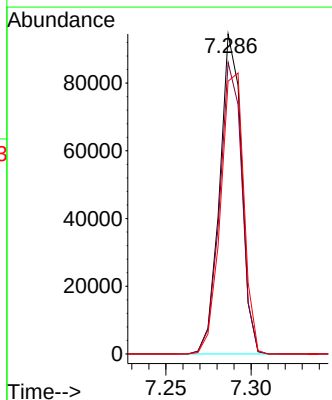
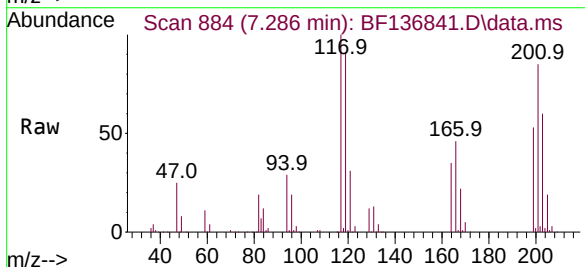
Instrument :
BNA_F
ClientSampleId :
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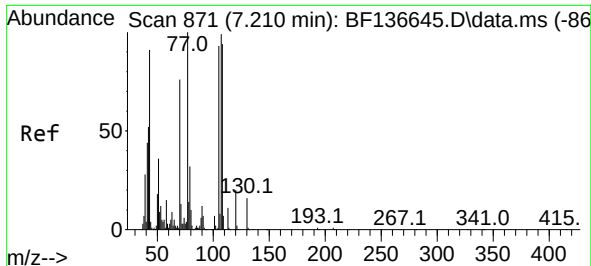
Tgt Ion:	107	Resp:	165402
Ion	Ratio	Lower	Upper
107	100		
108	114.6	90.3	135.5
77	49.3	38.7	58.1
79	49.0	37.8	56.6



#18
Hexachloroethane
Concen: 40.960 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:	117	Resp:	84177
Ion	Ratio	Lower	Upper
117	100		
119	91.1	75.8	113.6
201	85.3	69.1	103.7

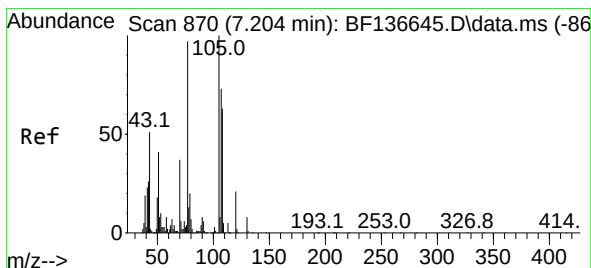
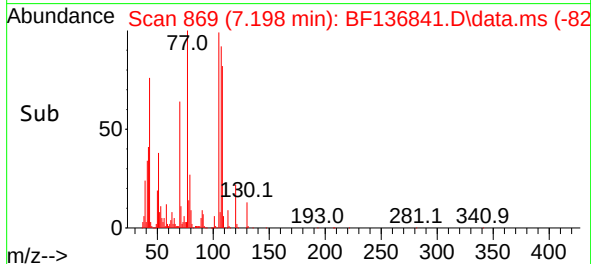
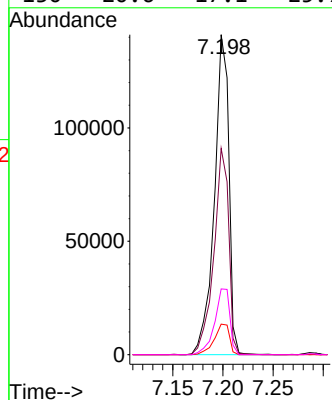
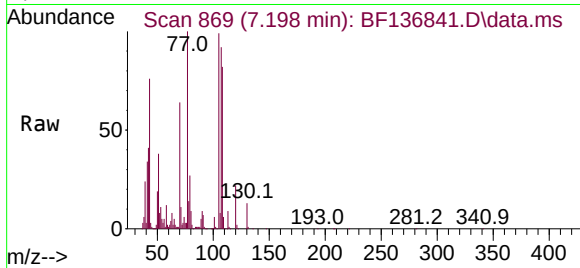




#19
n-Nitroso-di-n-propylamine
Concen: 38.901 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

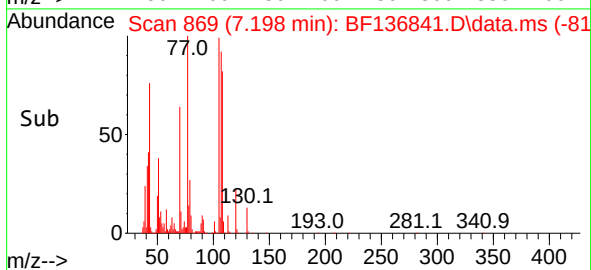
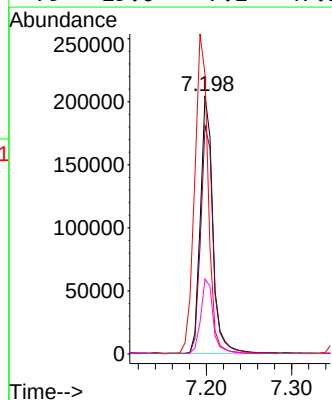
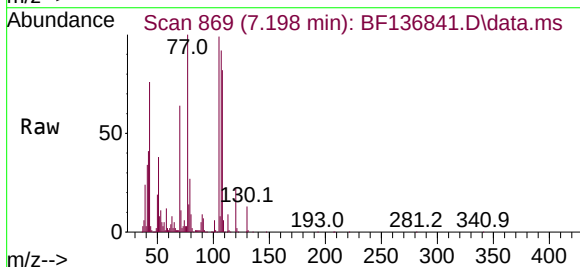
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

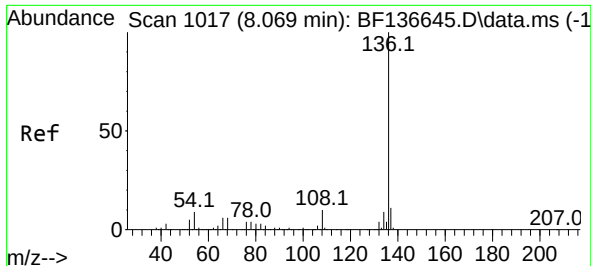
Tgt Ion: 70 Resp: 141754
Ion Ratio Lower Upper
70 100
42 64.5 54.2 81.4
101 9.5 7.6 11.4
130 20.6 17.1 25.7



#20
3+4-Methylphenols
Concen: 39.412 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion: 107 Resp: 207085
Ion Ratio Lower Upper
107 100
108 88.4 66.0 106.0
77 108.3 114.2 154.2#
79 29.0 7.2 47.2

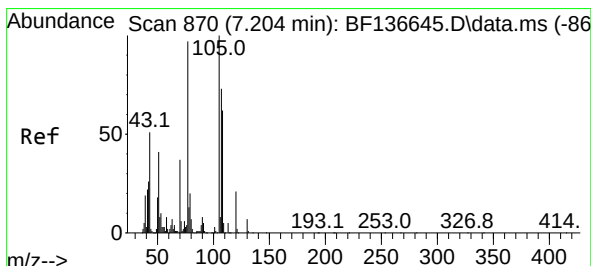
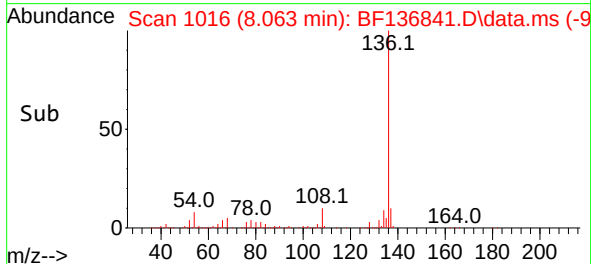
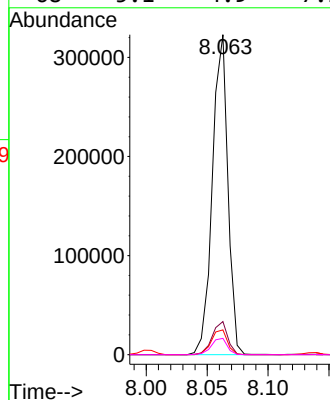
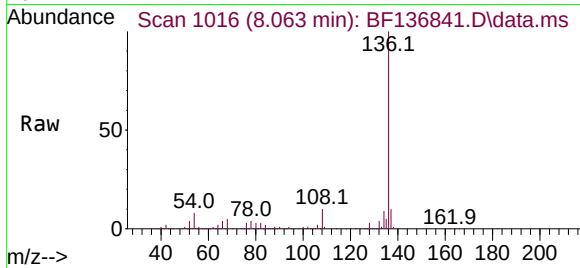




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

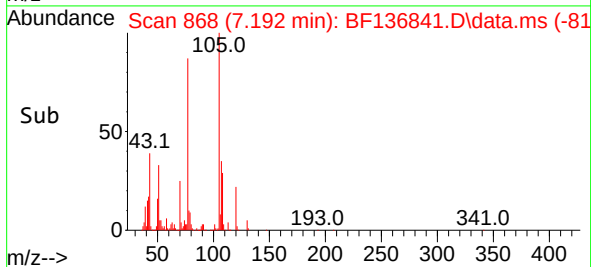
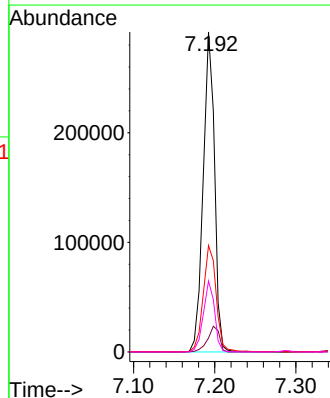
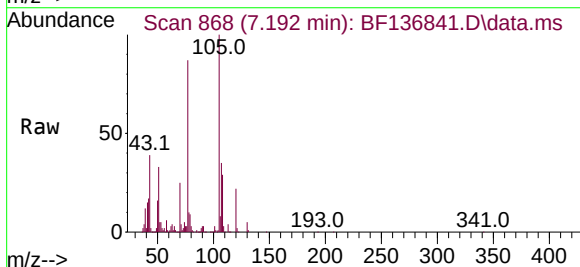
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

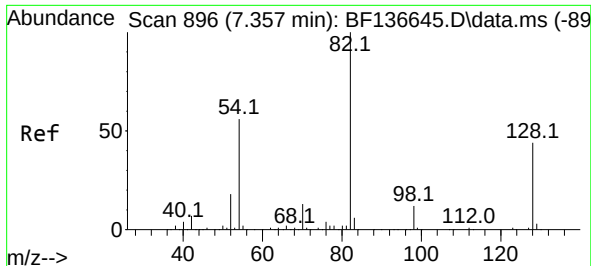
Tgt Ion:136	Resp: 285202
Ion Ratio	Lower Upper
136 100	
137 10.4	9.0 13.4
54 7.8	7.2 10.8
68 5.1	4.9 7.3



#22
Acetophenone
Concen: 39.732 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt	Ion:105	Resp:	284026
Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.8	7.2#
51	33.3	32.8	49.2
120	22.2	17.0	25.6

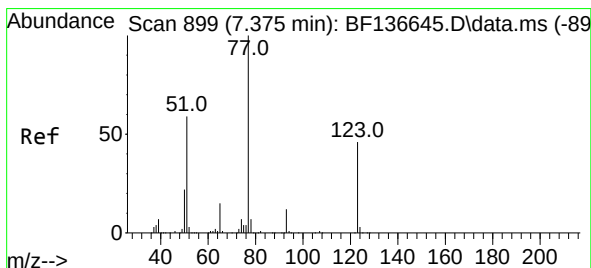
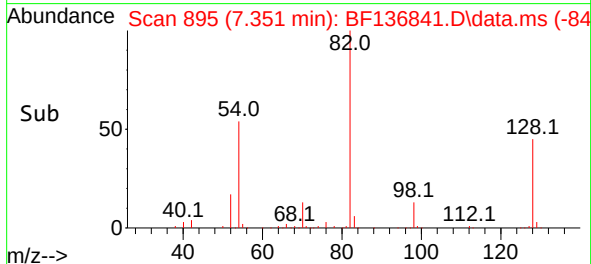
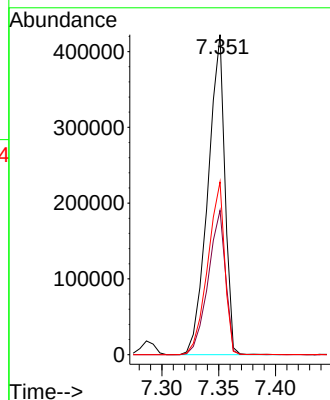
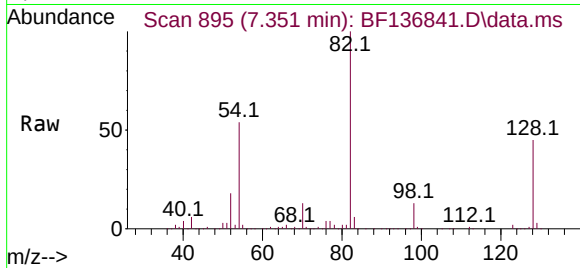




#23
Nitrobenzene-d5
Concen: 78.530 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

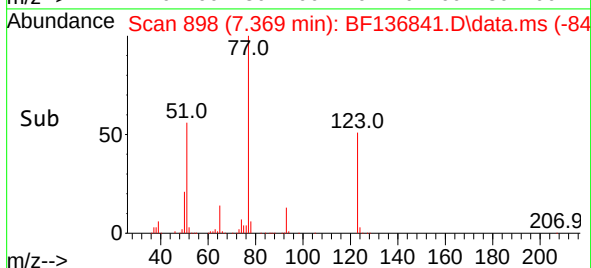
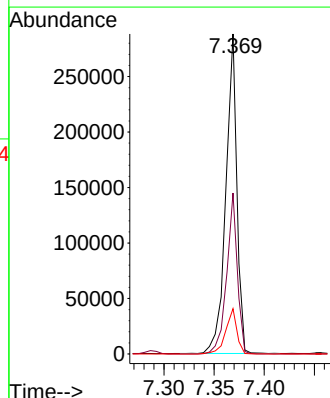
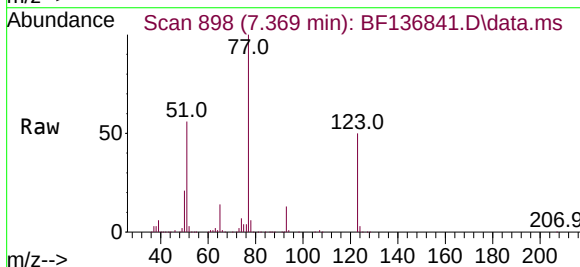
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

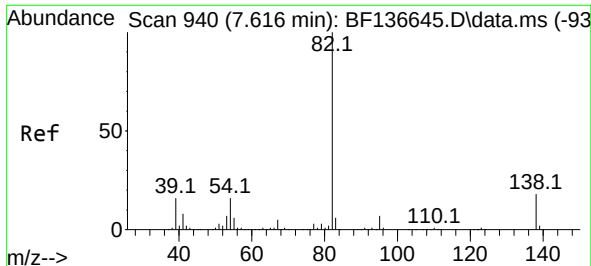
Tgt Ion: 82 Resp: 437687
Ion Ratio Lower Upper
82 100
128 45.1 35.3 52.9
54 54.0 44.5 66.7



#24
Nitrobenzene
Concen: 39.397 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion: 77 Resp: 219959
Ion Ratio Lower Upper
77 100
123 50.3 36.7 55.1
65 14.2 11.8 17.6

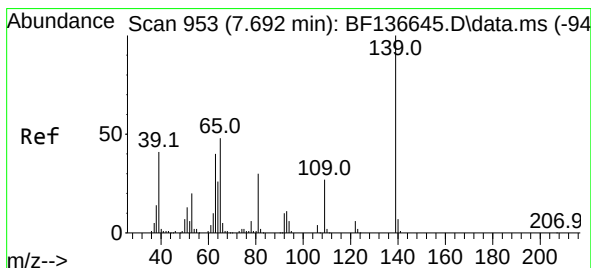
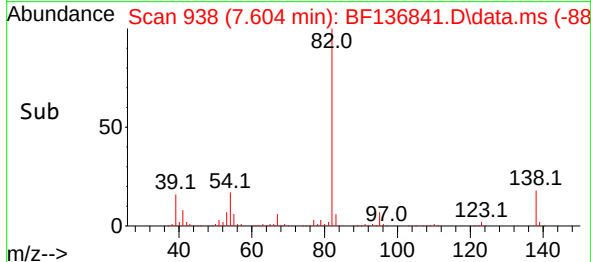
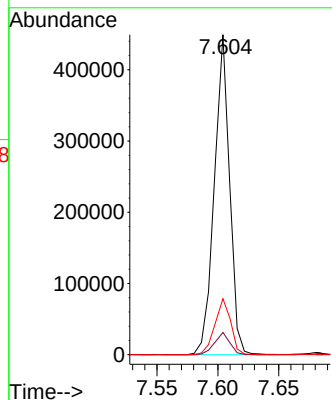
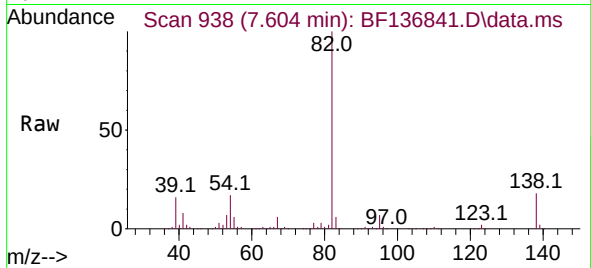




#25
Isophorone
Concen: 38.801 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

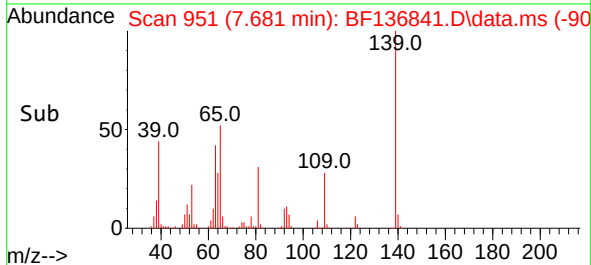
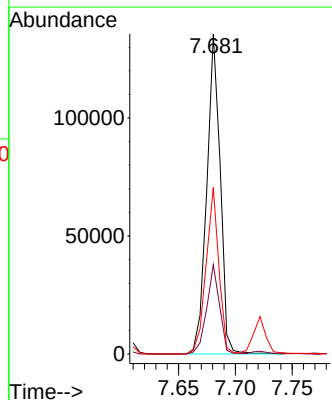
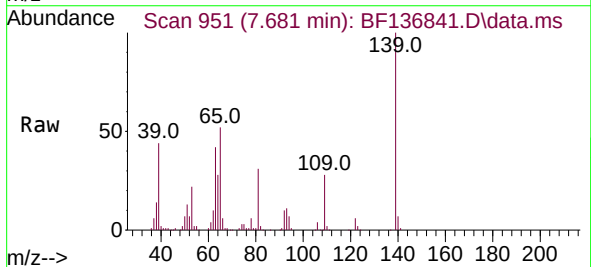
Instrument :
BNA_F
ClientSampleId :
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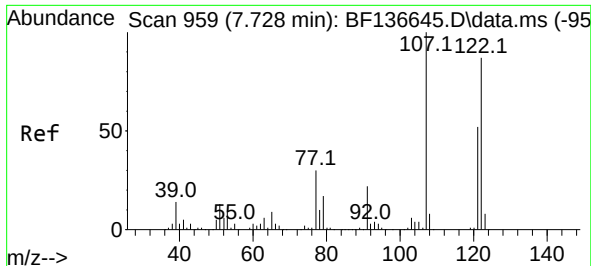
Tgt Ion: 82 Resp: 393506
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 41.674 ng
RT: 7.681 min Scan# 951
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion: 139 Resp: 111320
Ion Ratio Lower Upper
139 100
109 27.9 21.9 32.9
65 52.1 38.6 58.0

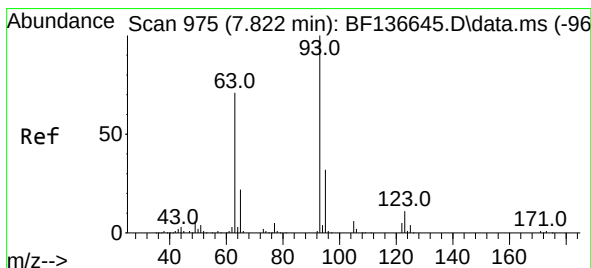
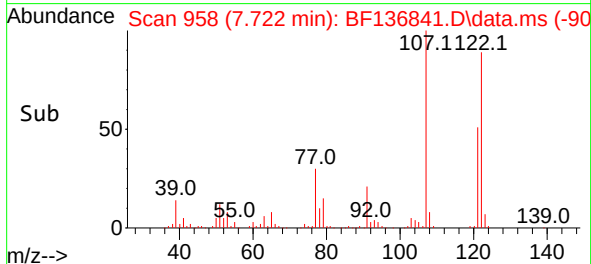
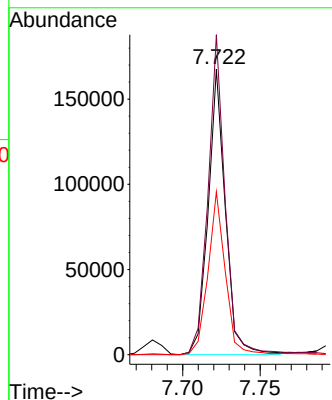
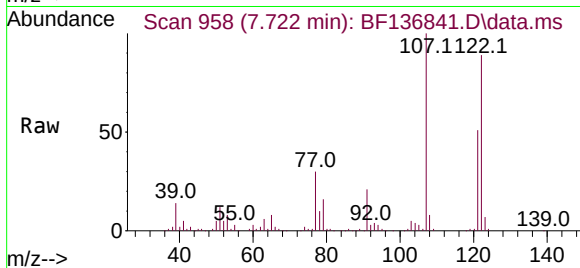




#27
2,4-Dimethylphenol
Concen: 39.958 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

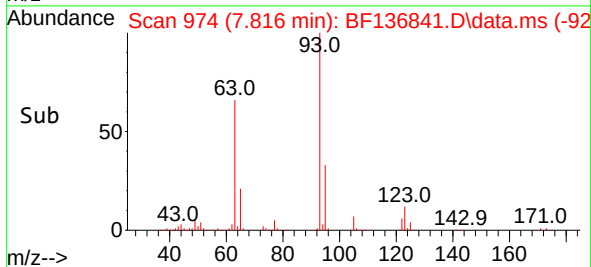
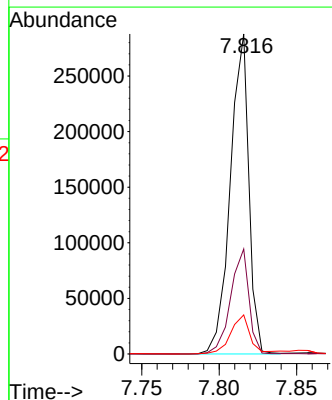
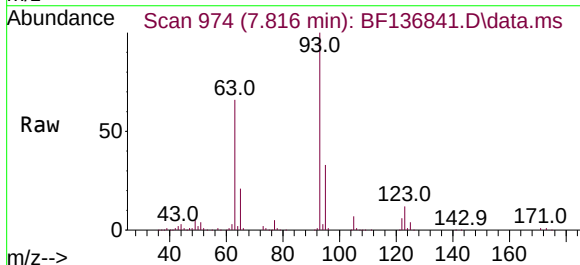
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

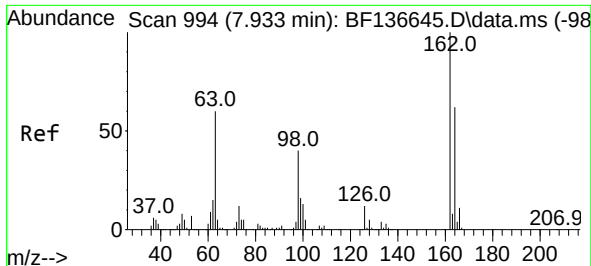
Tgt Ion:122 Resp: 129946
Ion Ratio Lower Upper
122 100
107 112.1 92.0 138.0
121 57.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.808 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion: 93 Resp: 239234
Ion Ratio Lower Upper
93 100
95 32.8 25.5 38.3
123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 40.110 ng

RT: 7.928 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

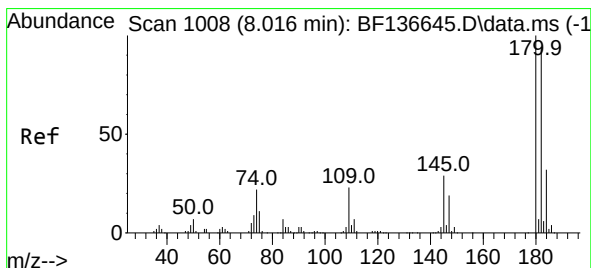
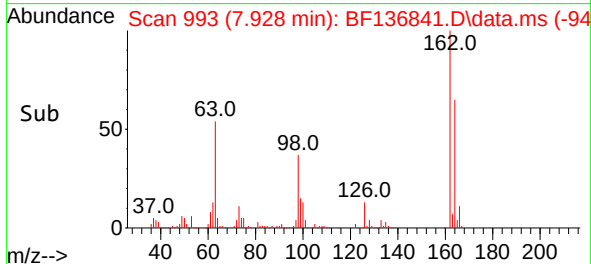
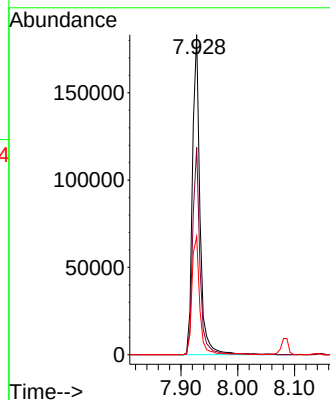
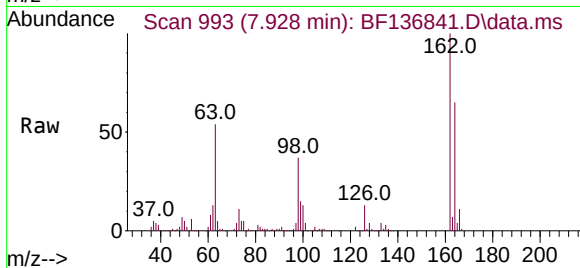
Tgt Ion:162 Resp: 167934

Ion Ratio Lower Upper

162 100

164 64.7 41.7 81.7

98 36.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.830 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

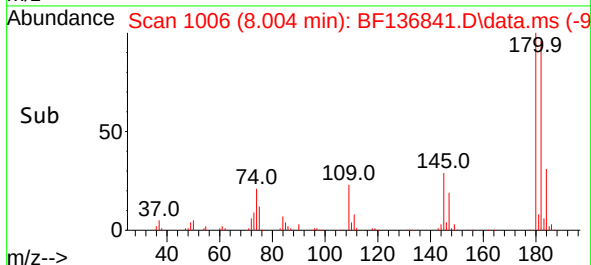
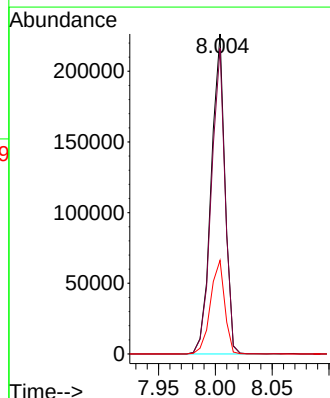
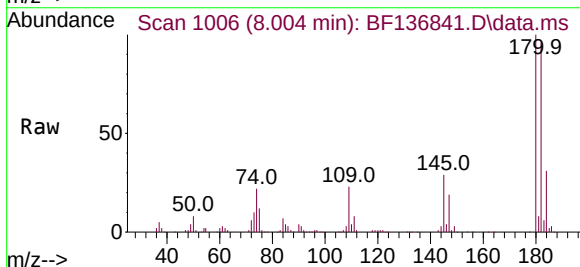
Tgt Ion:180 Resp: 190464

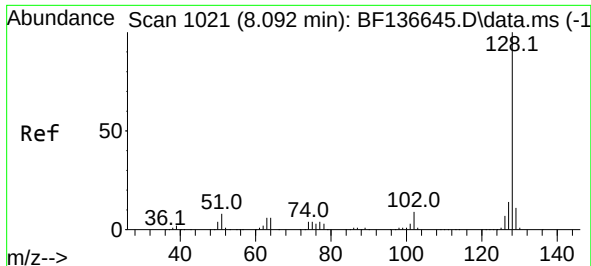
Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.0

145 29.2 23.1 34.7

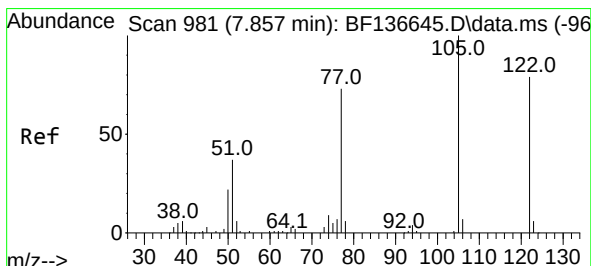
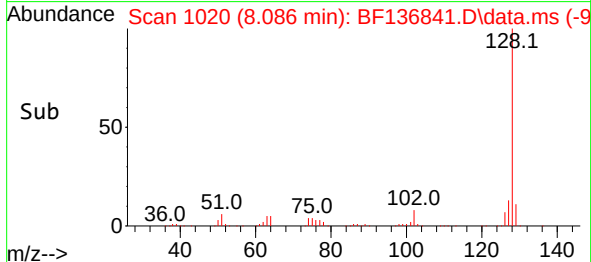
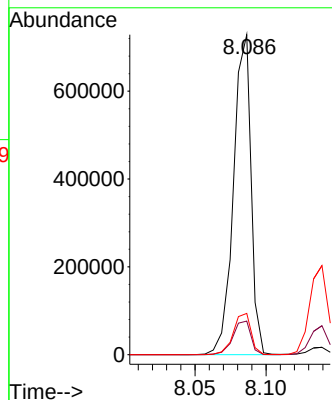
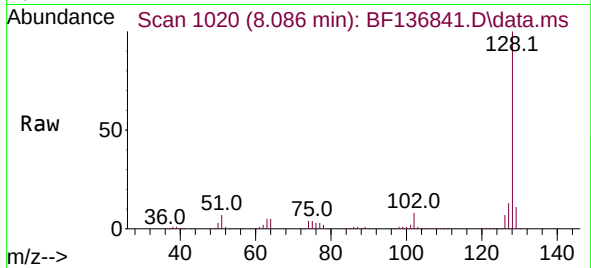




#31
Naphthalene
Concen: 40.006 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

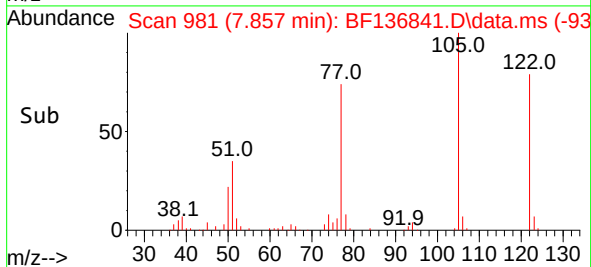
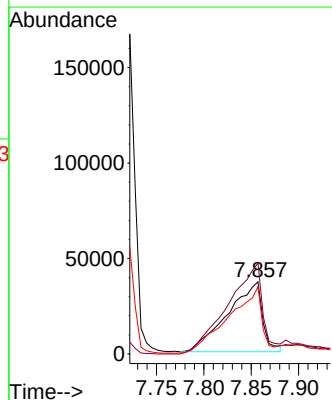
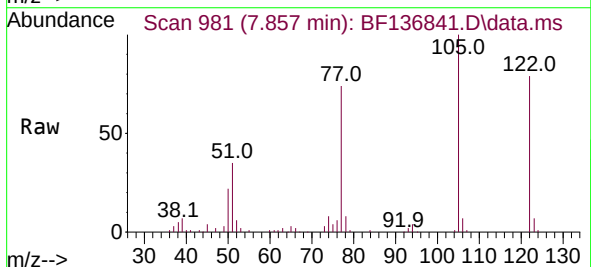
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

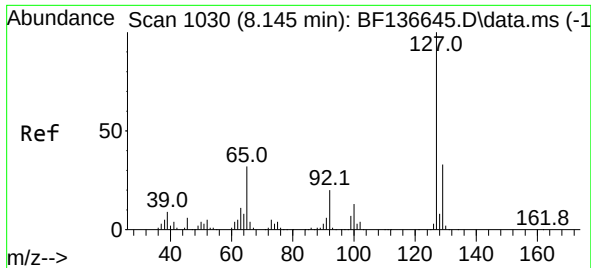
Tgt Ion:128 Resp: 626829
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 29.846 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:122 Resp: 93913
Ion Ratio Lower Upper
122 100
105 125.9 100.8 140.8
77 93.1 70.9 110.9

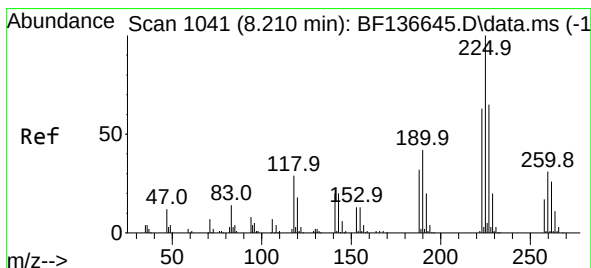
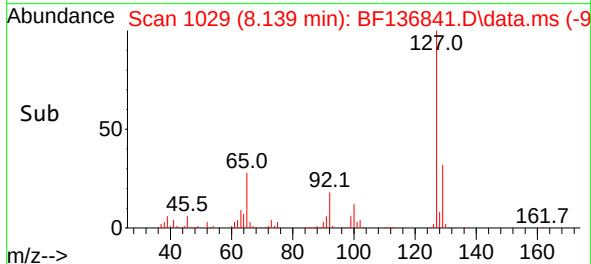
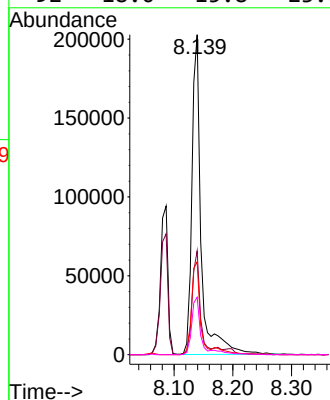
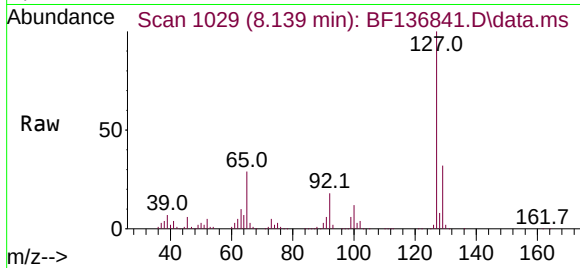




#33
4-Chloroaniline
Concen: 38.314 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

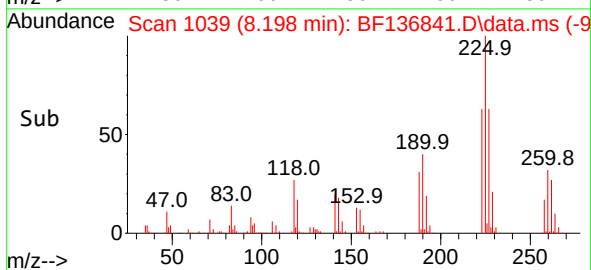
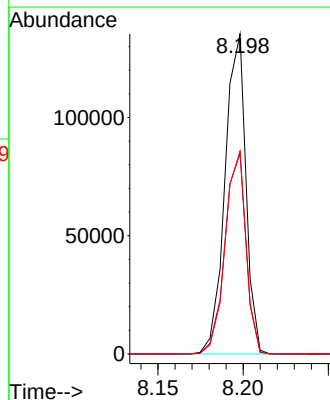
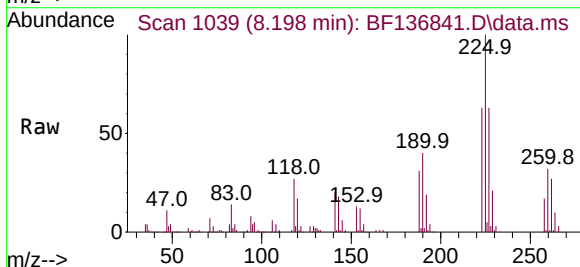
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

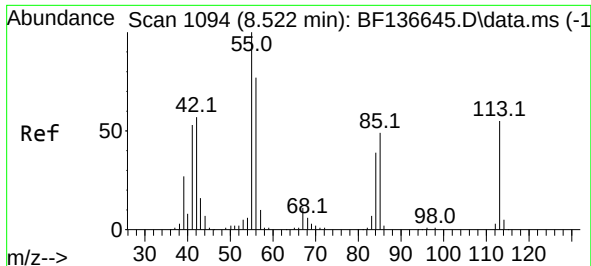
Tgt Ion:	127	Resp:	221645
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	29.0	25.8	38.8
92	18.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.591 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:	225	Resp:	115044
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.4	51.9	77.9

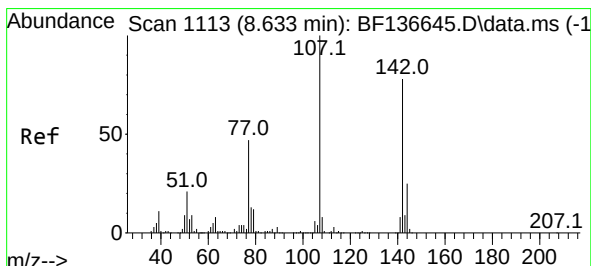
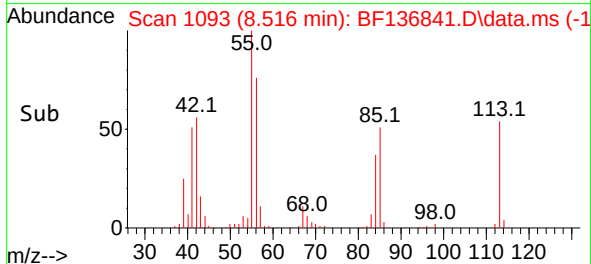
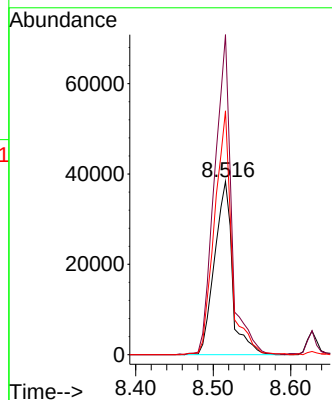
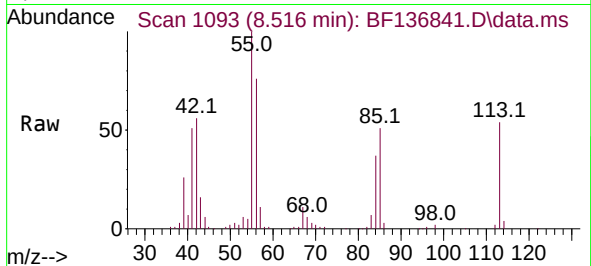




#35
 Caprolactam
 Concen: 44.275 ng
 RT: 8.516 min Scan# 1093
 Delta R.T. -0.006 min
 Lab File: BF136841.D
 Acq: 29 Dec 2023 21:56

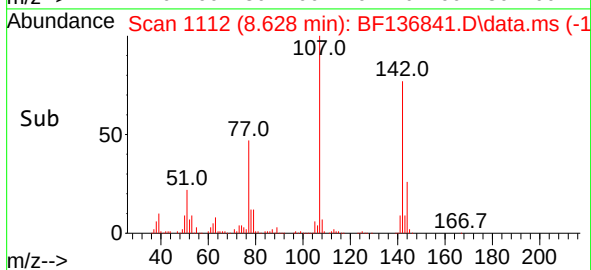
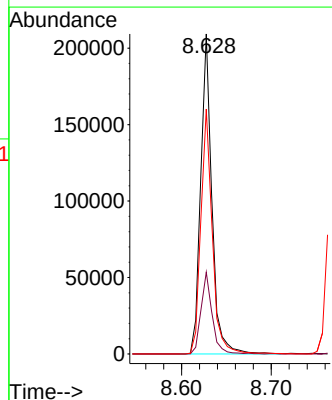
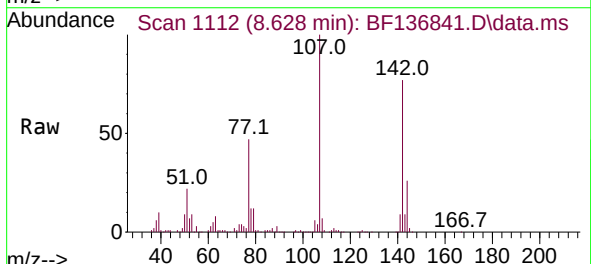
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

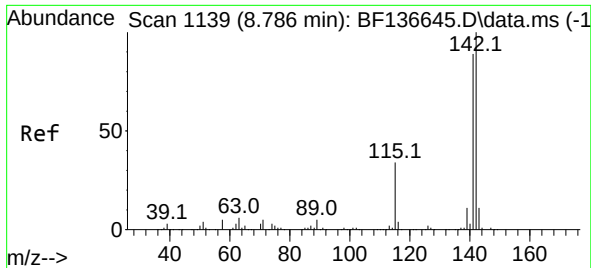
Tgt Ion:113 Resp: 61152
 Ion Ratio Lower Upper
 113 100
 55 184.7 163.1 203.1
 56 140.7 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.458 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF136841.D
 Acq: 29 Dec 2023 21:56

Tgt Ion:107 Resp: 181269
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.2 30.2
 142 76.6 62.3 93.5





#37

2-Methylnaphthalene

Concen: 39.454 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

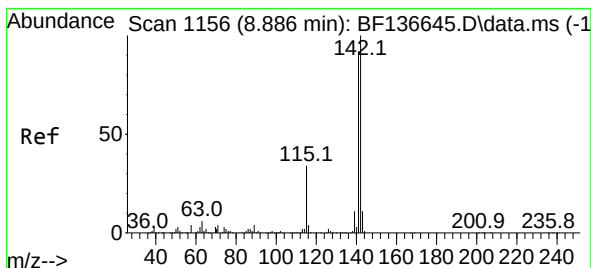
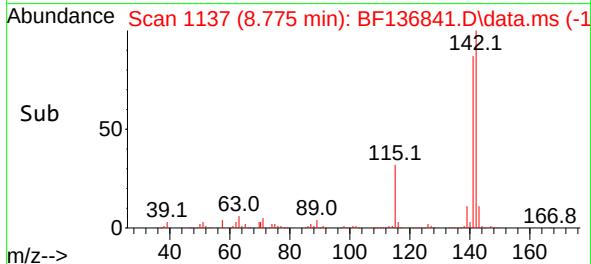
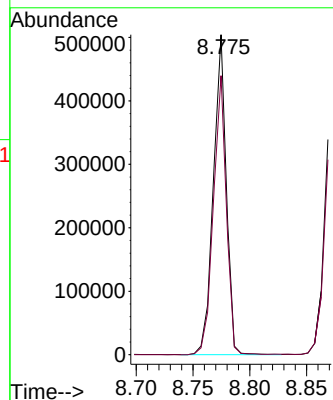
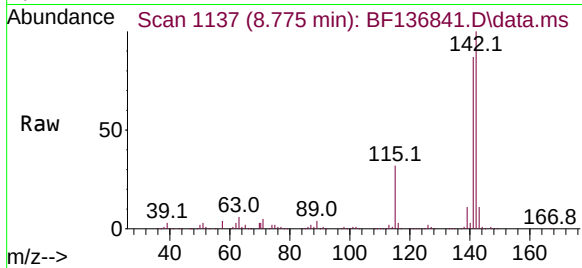
SSTDCCC040

Tgt Ion:142 Resp: 397841

Ion Ratio Lower Upper

142 100

141 87.2 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.972 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136841.D

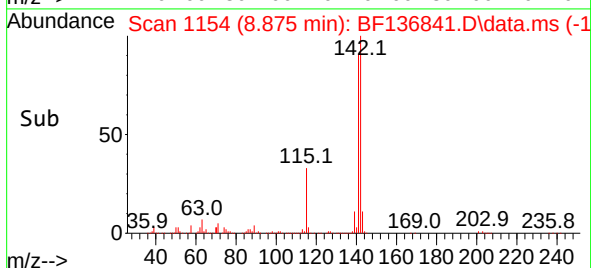
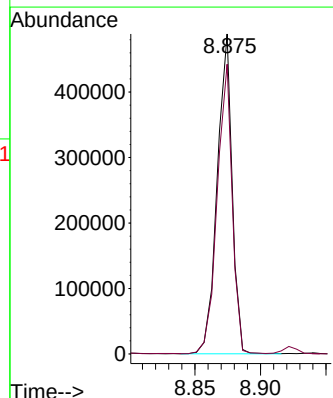
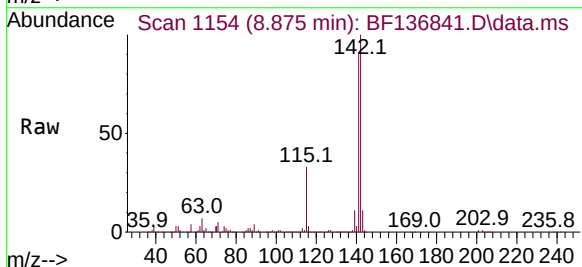
Acq: 29 Dec 2023 21:56

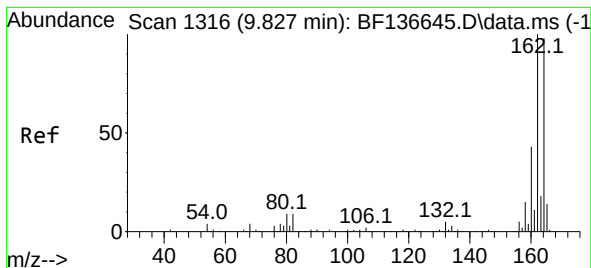
Tgt Ion:142 Resp: 385546

Ion Ratio Lower Upper

142 100

141 90.6 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: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

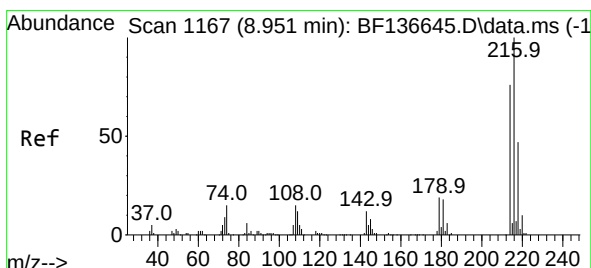
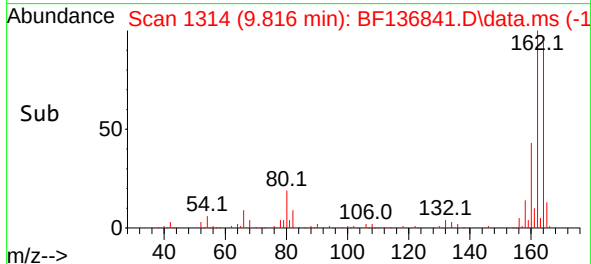
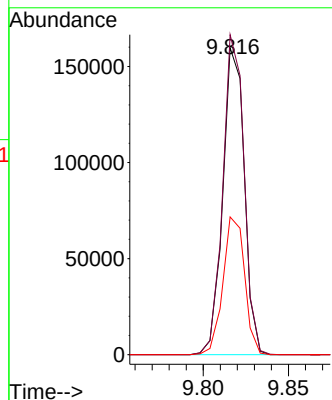
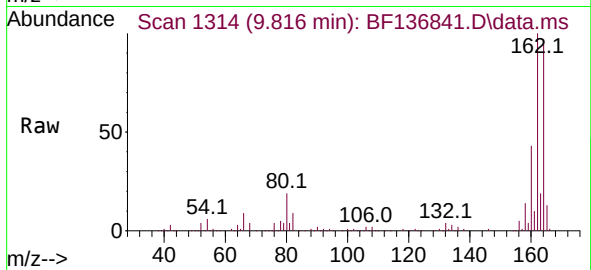
Tgt Ion:164 Resp: 140385

Ion Ratio Lower Upper

164 100

162 104.3 81.6 122.4

160 44.9 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.046 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Tgt Ion:216 Resp: 182803

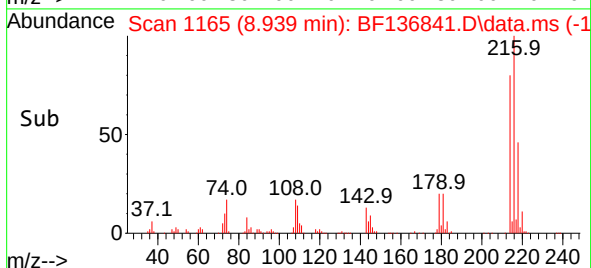
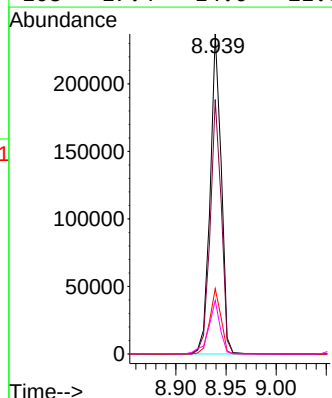
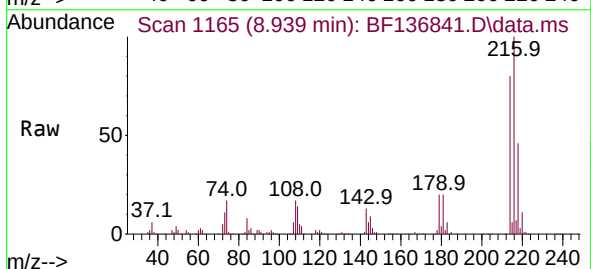
Ion Ratio Lower Upper

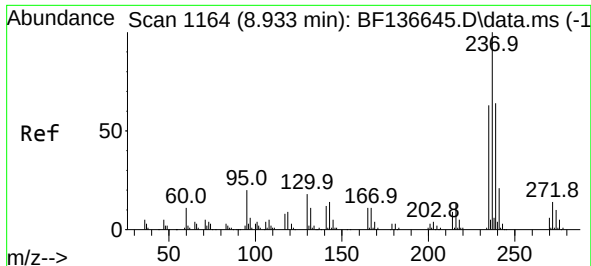
216 100

214 79.6 62.3 93.5

179 20.7 16.4 24.6

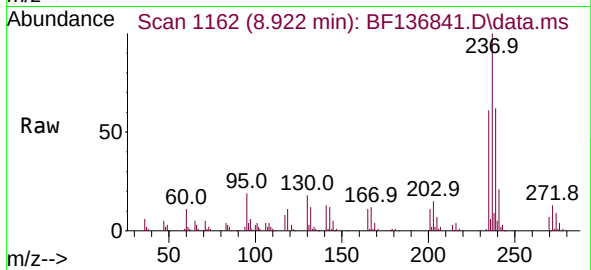
108 17.4 14.0 21.0



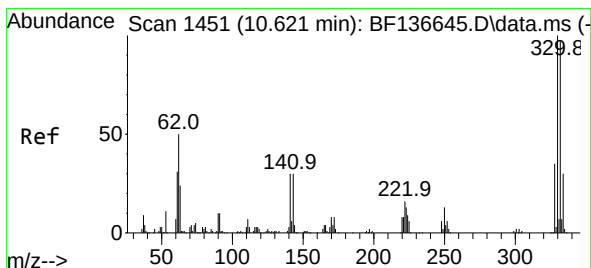
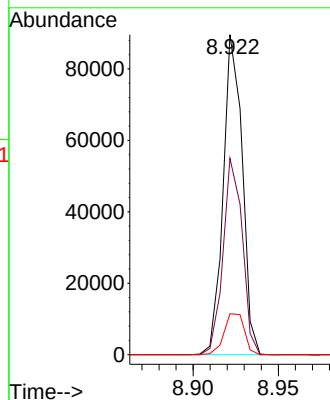
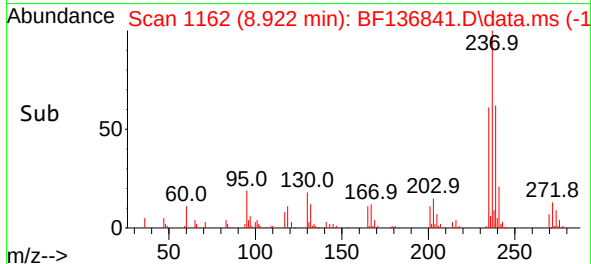


#41
Hexachlorocyclopentadiene
Concen: 52.097 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

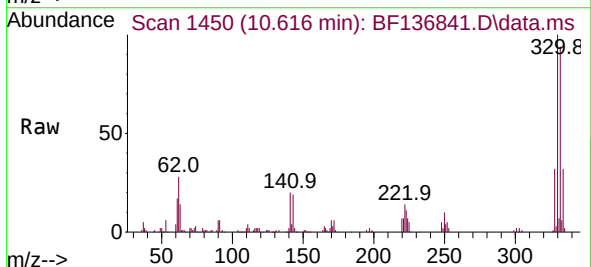
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



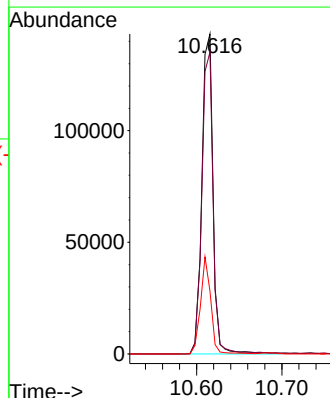
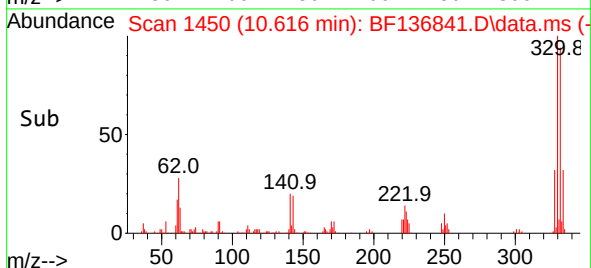
Tgt Ion:237 Resp: 69695
Ion Ratio Lower Upper
237 100
235 61.4 43.2 83.2
272 12.8 0.0 34.2

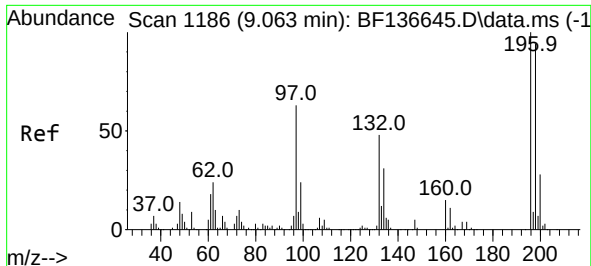


#42
2,4,6-Tribromophenol
Concen: 78.852 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56



Tgt Ion:330 Resp: 130369
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.0
141 27.9 23.4 35.2

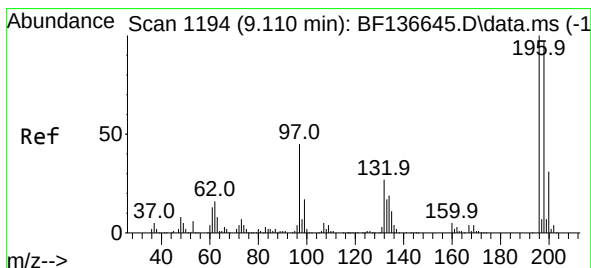
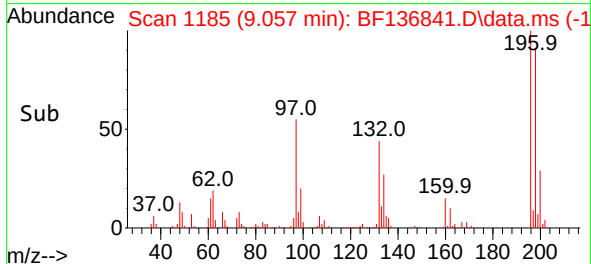
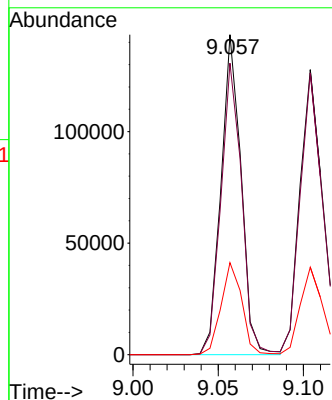
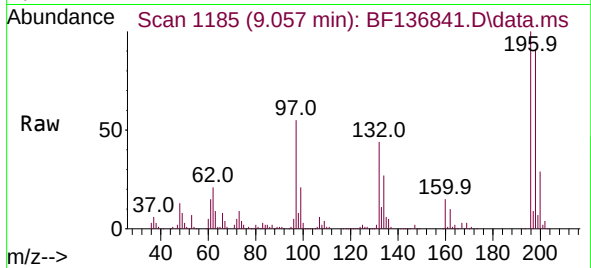




#43
2,4,6-Trichlorophenol
Concen: 42.271 ng
RT: 9.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

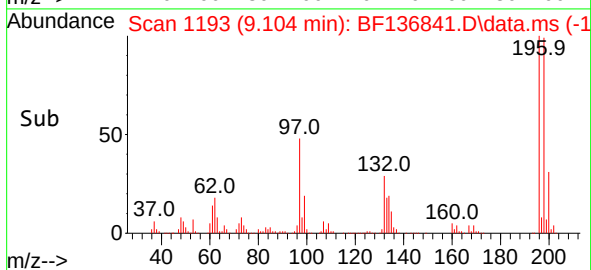
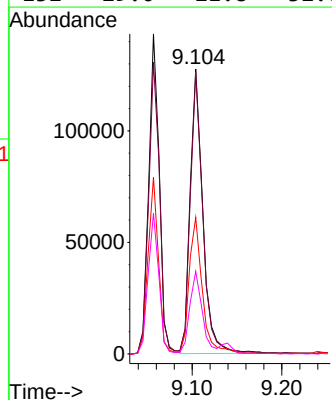
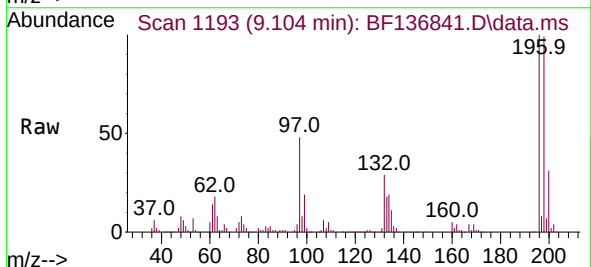
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

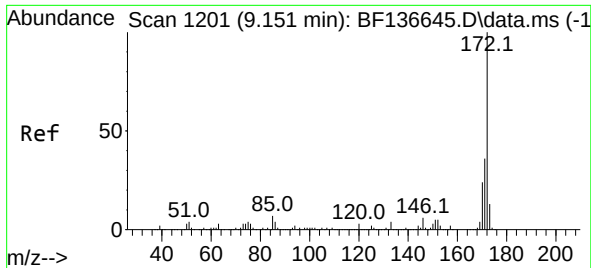
Tgt Ion:196 Resp: 117862
Ion Ratio Lower Upper
196 100
198 91.1 75.1 112.7
200 28.7 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 40.514 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:196 Resp: 125882
Ion Ratio Lower Upper
196 100
198 98.9 77.0 115.6
97 47.9 36.1 54.1
132 29.0 21.8 32.6

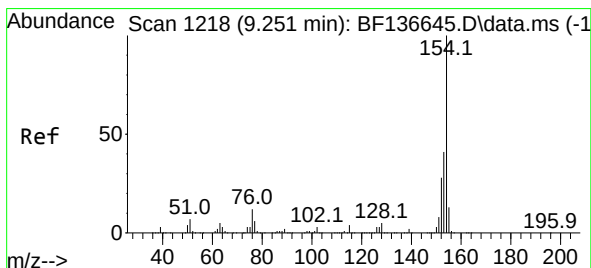
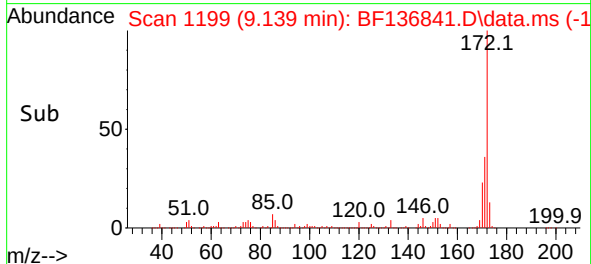
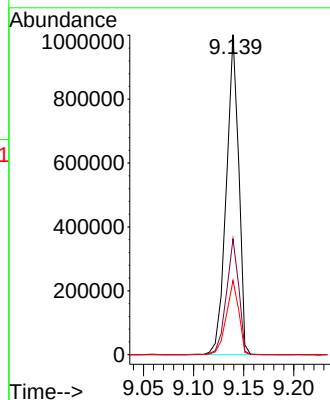
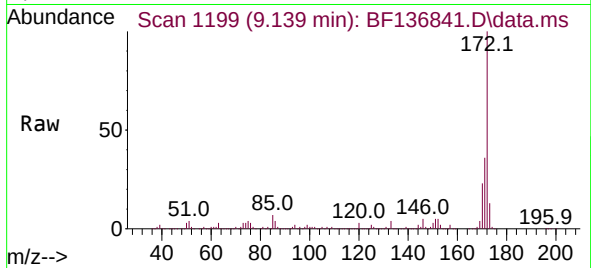




#45
2-Fluorobiphenyl
Concen: 82.137 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

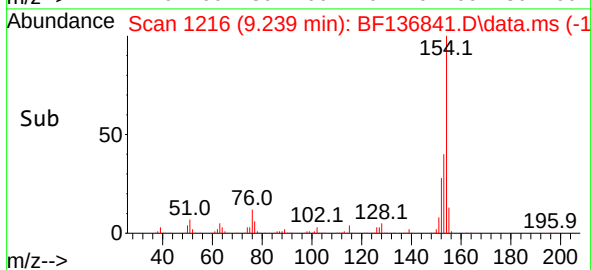
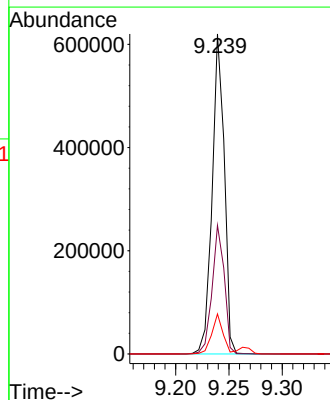
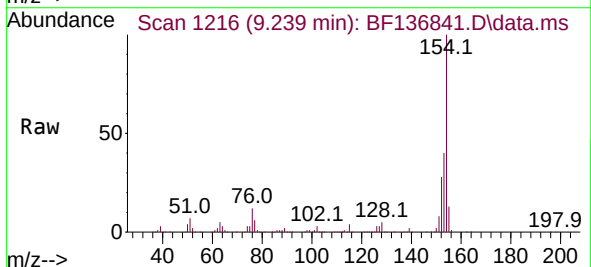
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

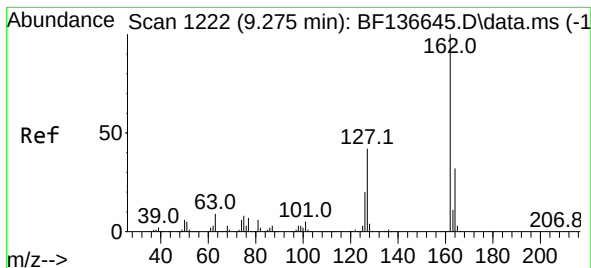
Tgt Ion:172 Resp: 857318
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 23.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.614 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:154 Resp: 490235
Ion Ratio Lower Upper
154 100
153 40.2 21.1 61.1
76 12.5 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.479 ng

RT: 9.263 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

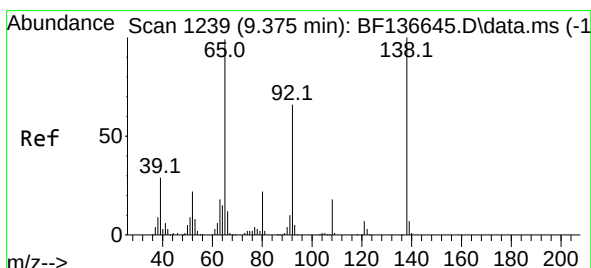
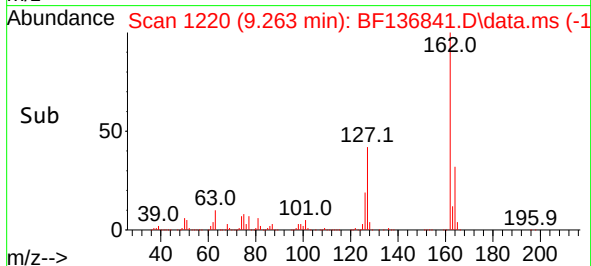
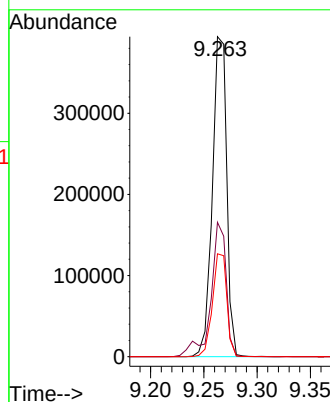
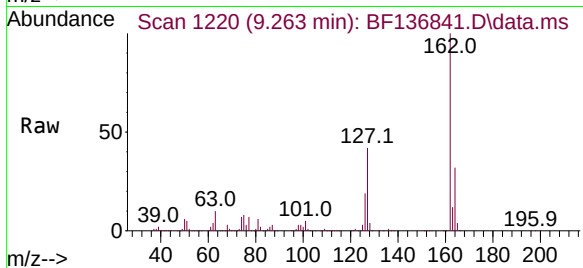
Tgt Ion:162 Resp: 371475

Ion Ratio Lower Upper

162 100

127 42.0 33.6 50.4

164 32.1 25.7 38.5



#48

2-Nitroaniline

Concen: 40.067 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

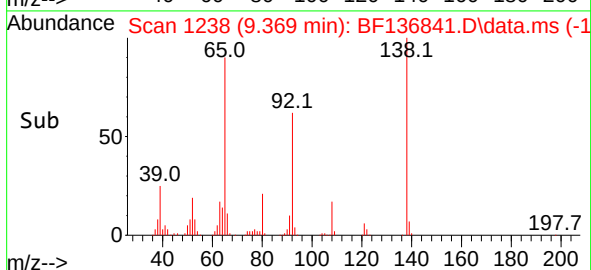
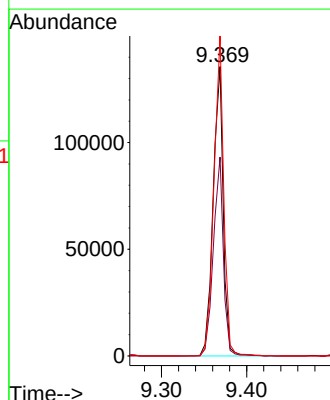
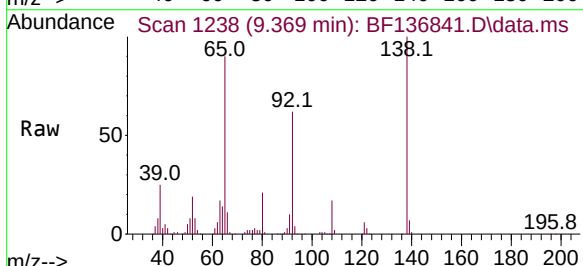
Tgt Ion: 65 Resp: 112366

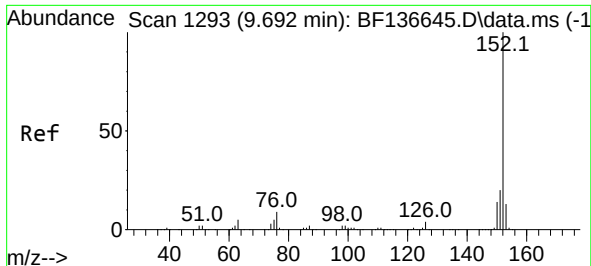
Ion Ratio Lower Upper

65 100

92 68.7 53.2 79.8

138 110.6 81.1 121.7





#49

Acenaphthylene

Concen: 40.760 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

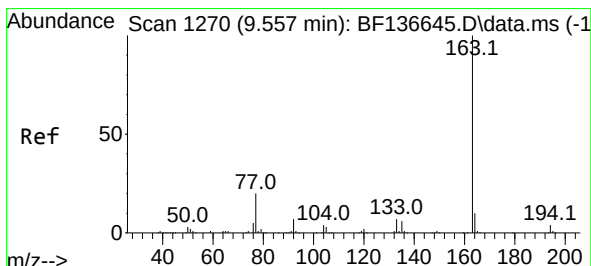
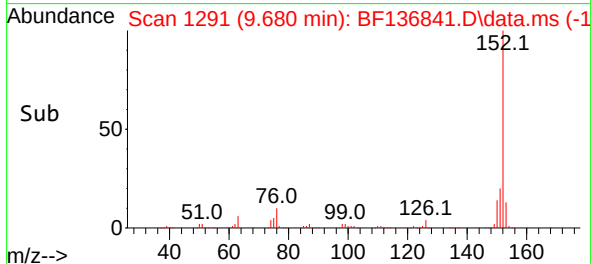
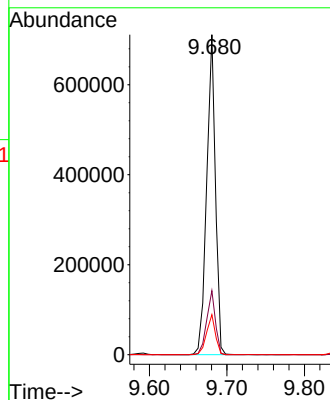
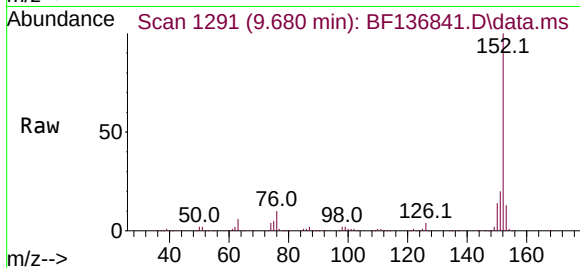
Tgt Ion:152 Resp: 557948

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 12.5 10.2 15.2



#50

Dimethylphthalate

Concen: 40.465 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

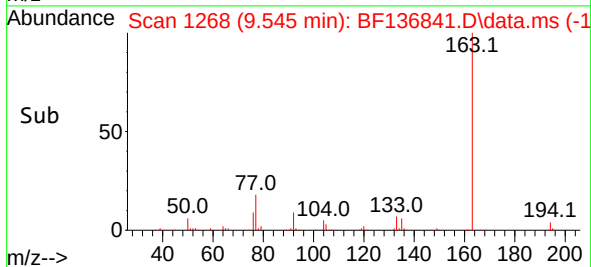
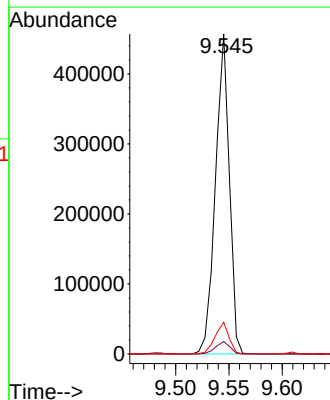
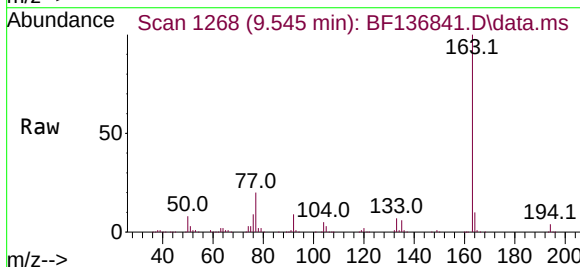
Tgt Ion:163 Resp: 414933

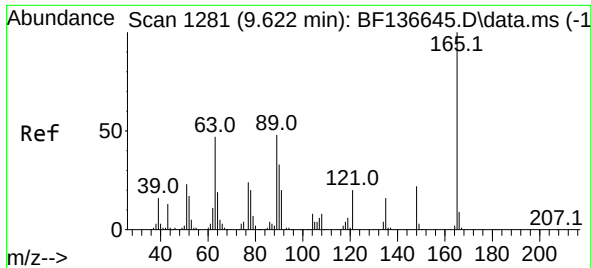
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 9.9 7.8 11.6

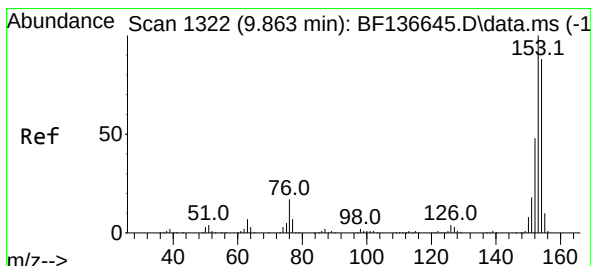
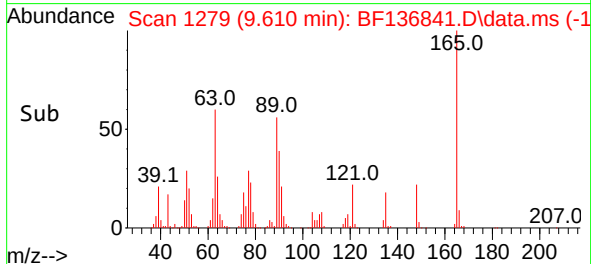
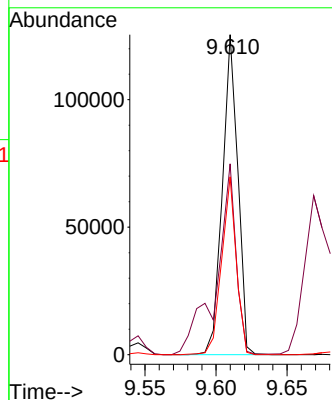
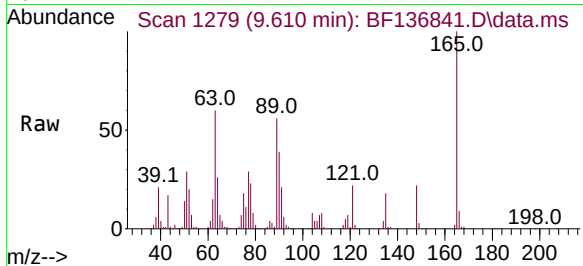




#51
2,6-Dinitrotoluene
Concen: 40.636 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

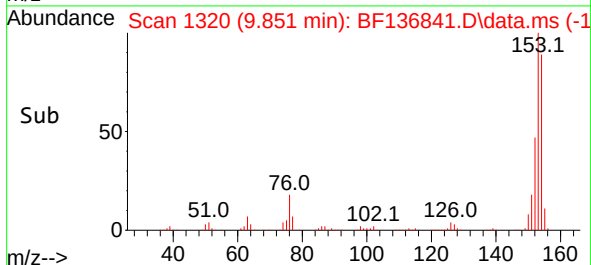
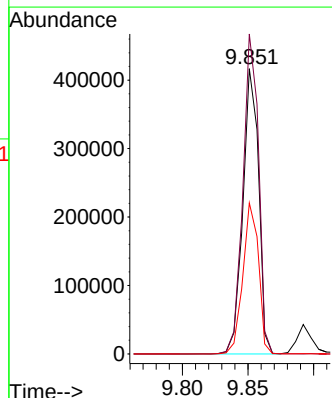
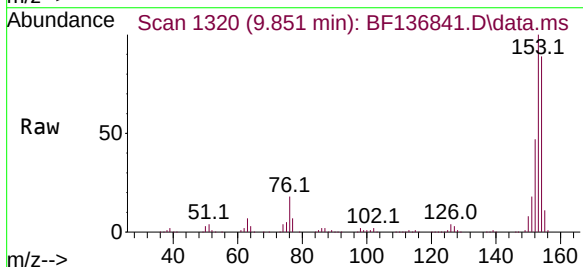
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

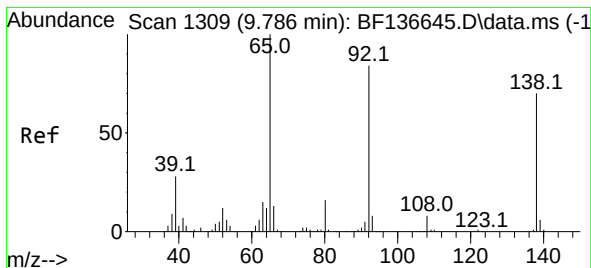
Tgt Ion:165 Resp: 94566
Ion Ratio Lower Upper
165 100
63 59.7 39.8 59.6#
89 55.6 38.8 58.2



#52
Acenaphthene
Concen: 41.093 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:154 Resp: 348688
Ion Ratio Lower Upper
154 100
153 112.2 90.7 136.1
152 52.9 43.7 65.5





#53

3-Nitroaniline

Concen: 38.498 ng

RT: 9.780 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

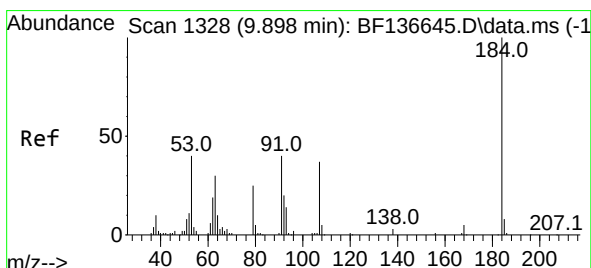
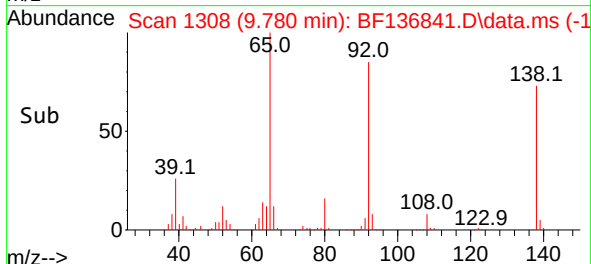
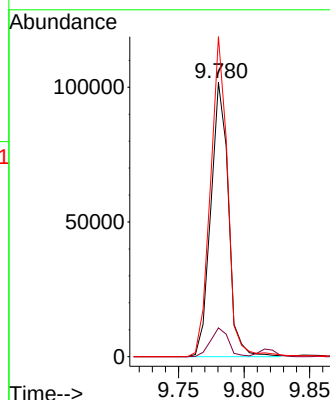
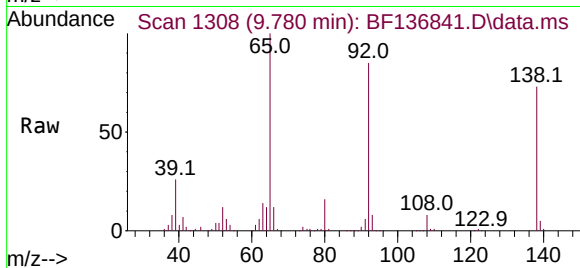
Tgt Ion:138 Resp: 94906

Ion Ratio Lower Upper

138 100

108 10.5 8.6 12.8

92 116.7 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 50.253 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

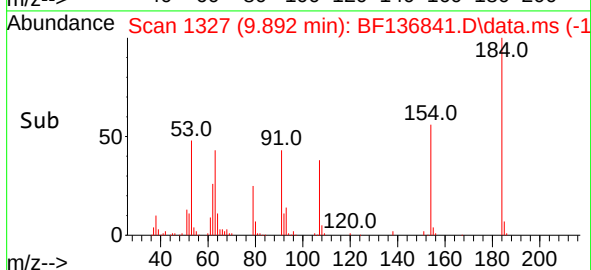
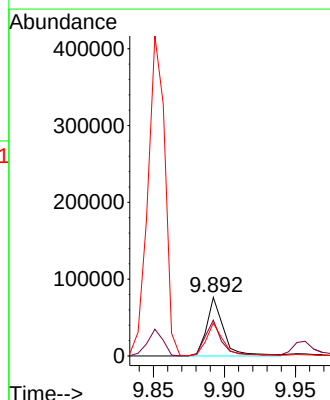
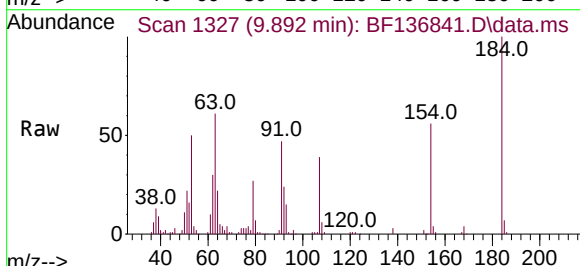
Tgt Ion:184 Resp: 62936

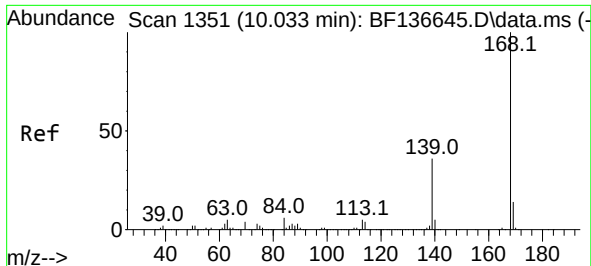
Ion Ratio Lower Upper

184 100

63 61.2 40.9 61.3

154 56.3 42.7 64.1

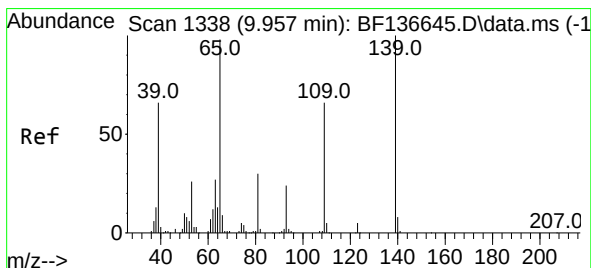
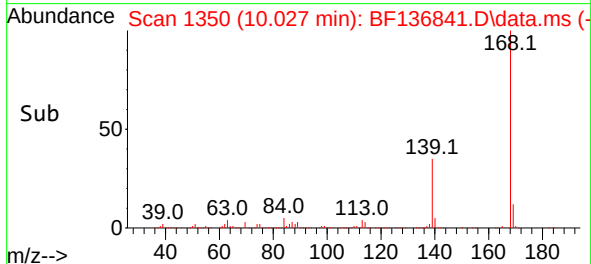
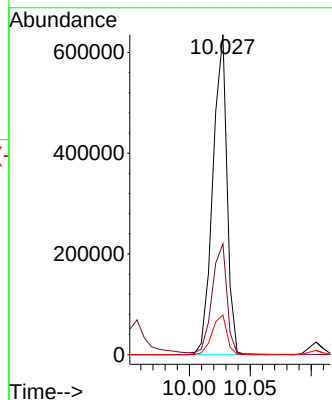
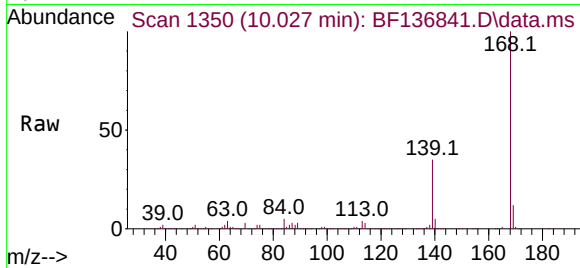




#55
Dibenzenofuran
Concen: 39.780 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

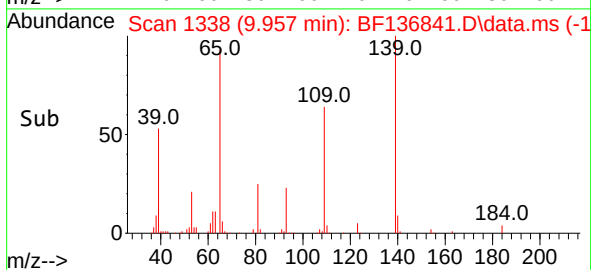
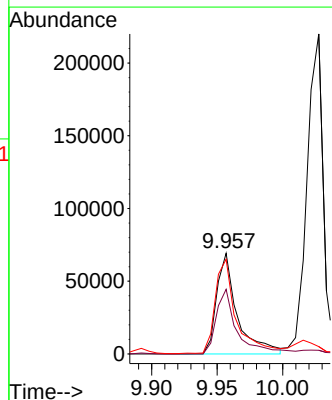
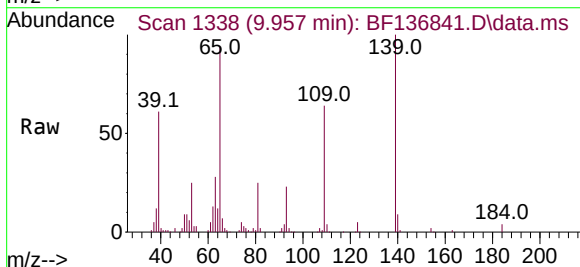
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

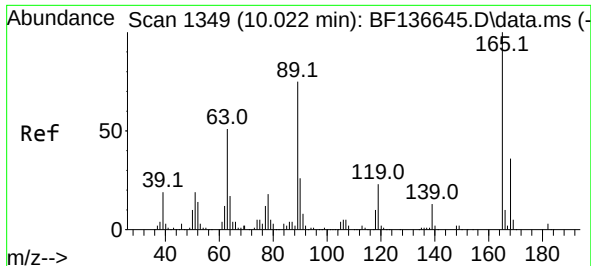
Tgt Ion:168 Resp: 511672
Ion Ratio Lower Upper
168 100
139 34.6 29.3 43.9
169 12.4 11.0 16.4



#56
4-Nitrophenol
Concen: 45.711 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:139 Resp: 76071
Ion Ratio Lower Upper
139 100
109 64.2 45.8 85.8
65 94.1 77.8 117.8

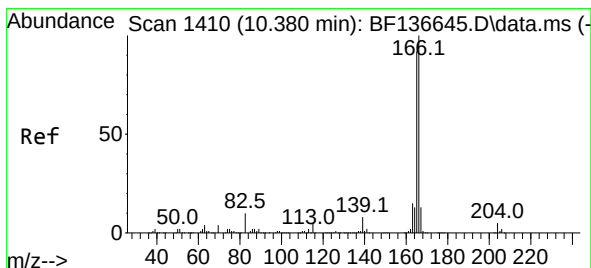
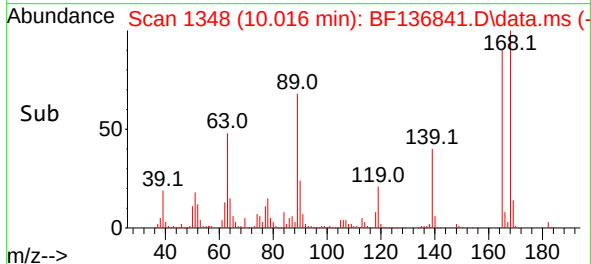
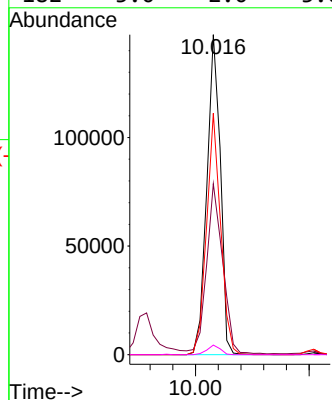
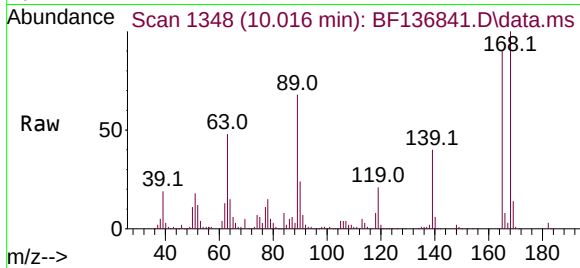




#57
2,4-Dinitrotoluene
Concen: 40.070 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

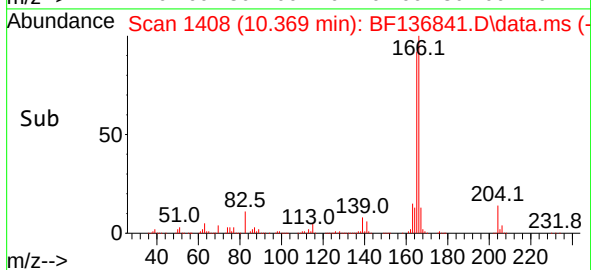
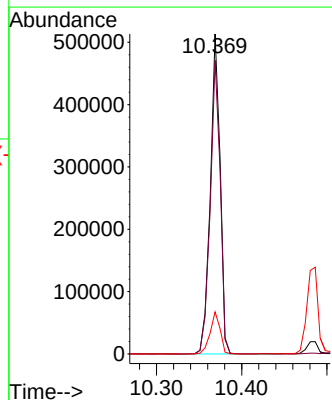
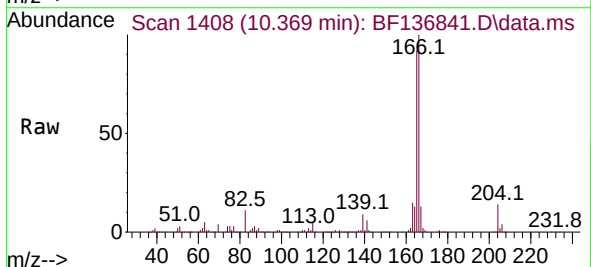
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

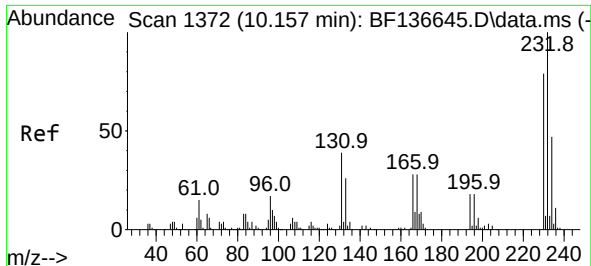
Tgt Ion:165 Resp: 121057
Ion Ratio Lower Upper
165 100
63 53.4 41.0 61.6
89 75.5 59.9 89.9
182 3.0 2.0 3.0#



#58
Fluorene
Concen: 40.374 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:166 Resp: 412053
Ion Ratio Lower Upper
166 100
165 91.7 73.7 110.5
167 13.1 10.4 15.6

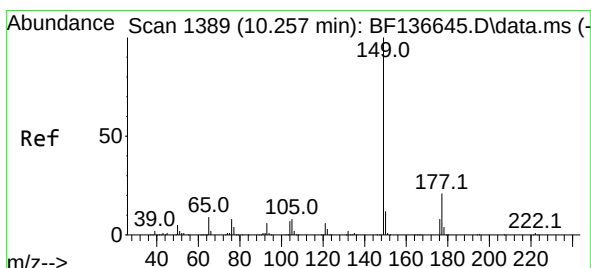
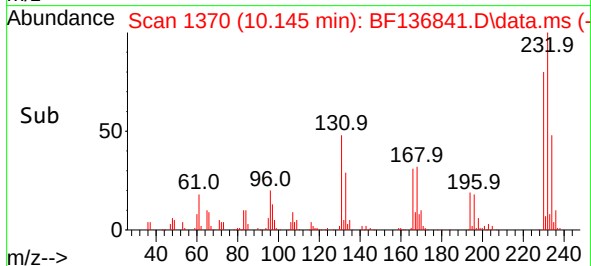
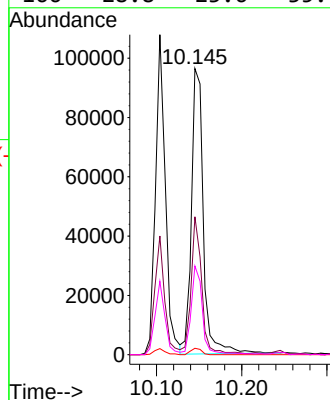
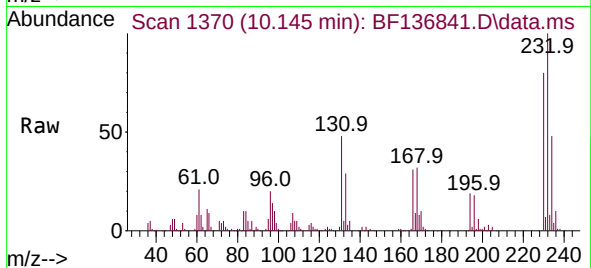




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.032 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

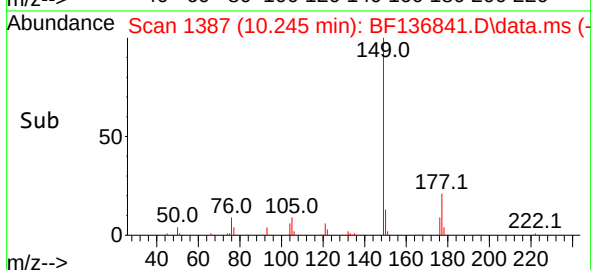
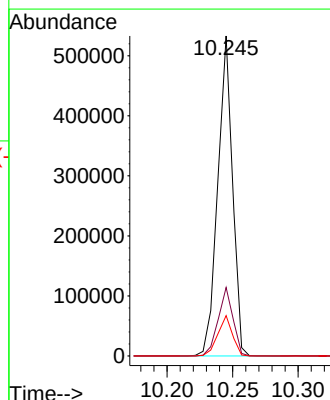
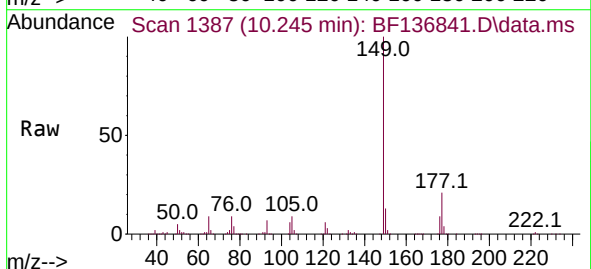
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

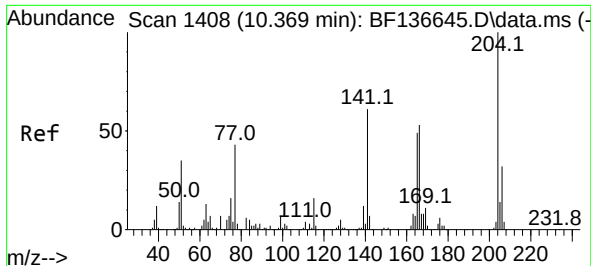
Tgt Ion:232 Resp: 93355
Ion Ratio Lower Upper
232 100
131 43.5 35.1 52.7
130 2.0 1.6 2.4
166 28.8 23.6 35.4



#60
Diethylphthalate
Concen: 39.150 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:149 Resp: 416521
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.6 9.3 13.9

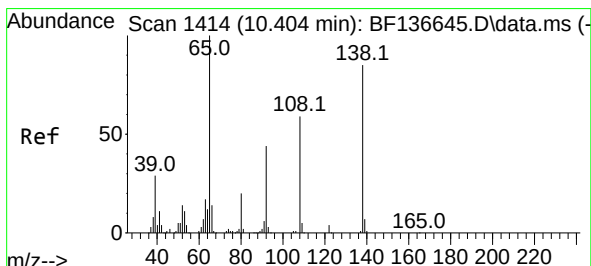
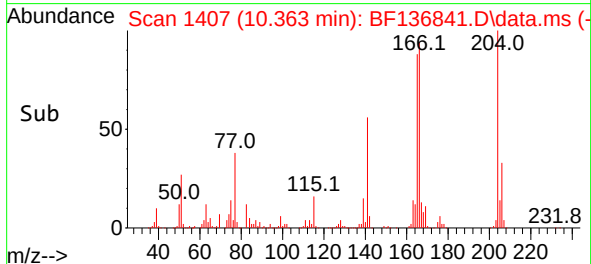
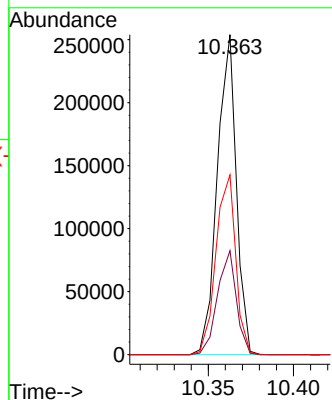
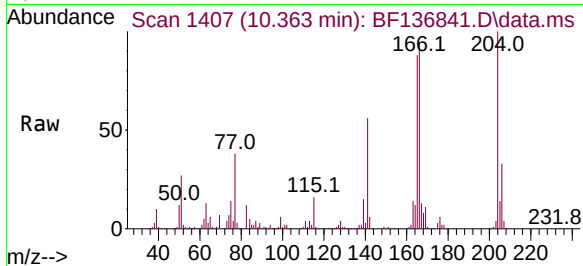




#61
4-Chlorophenyl-phenylether
Concen: 39.730 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

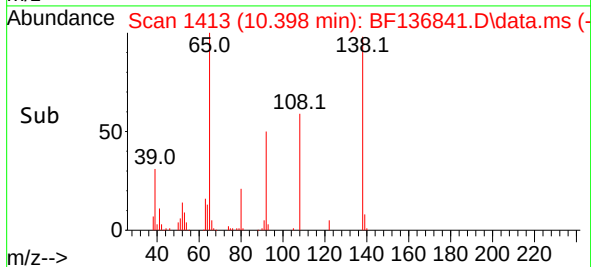
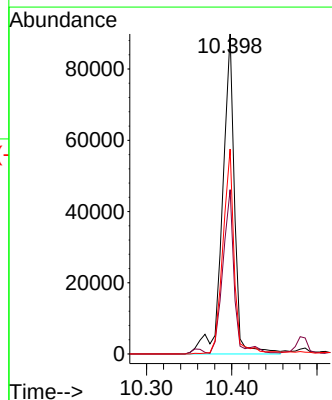
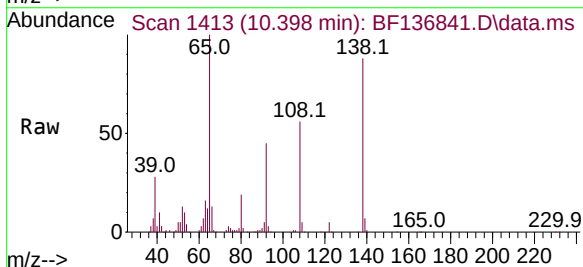
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

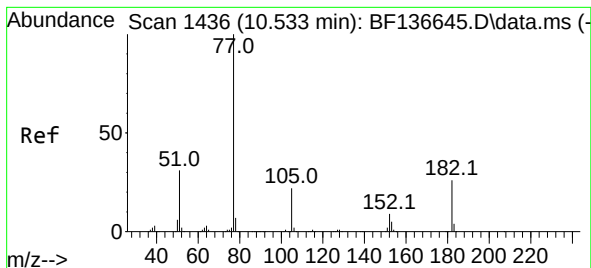
Tgt Ion:204 Resp: 197090
Ion Ratio Lower Upper
204 100
206 32.5 25.6 38.4
141 56.2 48.4 72.6



#62
4-Nitroaniline
Concen: 37.063 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:138 Resp: 88080
Ion Ratio Lower Upper
138 100
92 51.4 32.1 72.1
108 64.1 50.1 90.1





#63

Azobenzene

Concen: 39.013 ng

RT: 10.522 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 387680

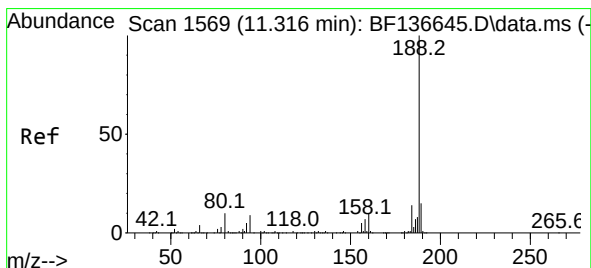
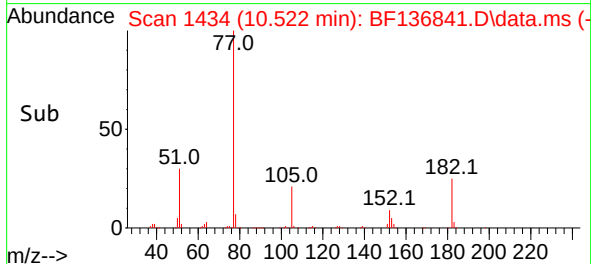
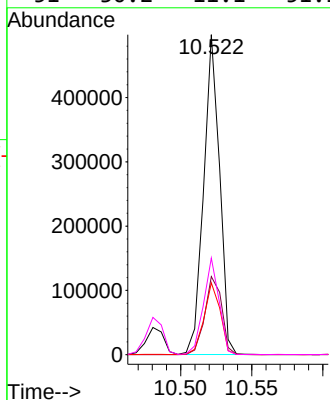
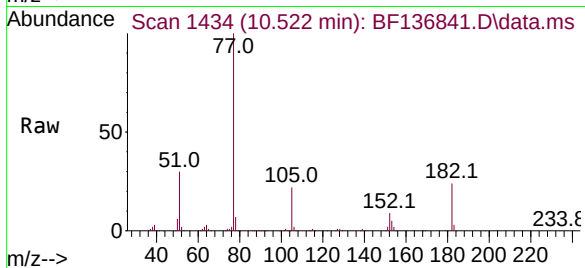
Ion Ratio Lower Upper

77 100

182 24.4 6.0 46.0

105 22.5 2.3 42.3

51 30.2 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: BF136841.D

Acq: 29 Dec 2023 21:56

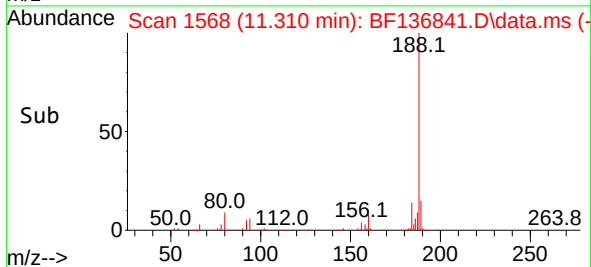
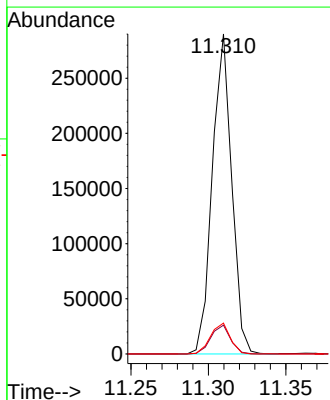
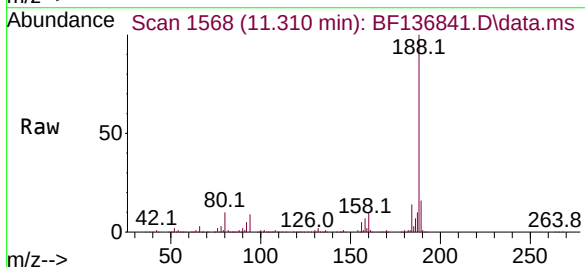
Tgt Ion: 188 Resp: 252218

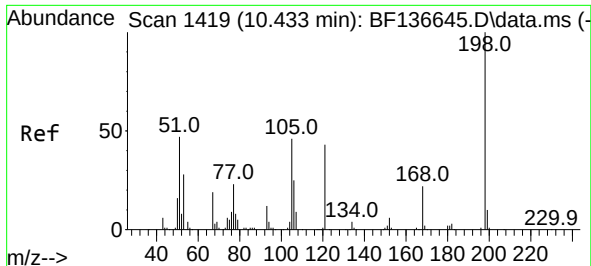
Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.7 8.1 12.1

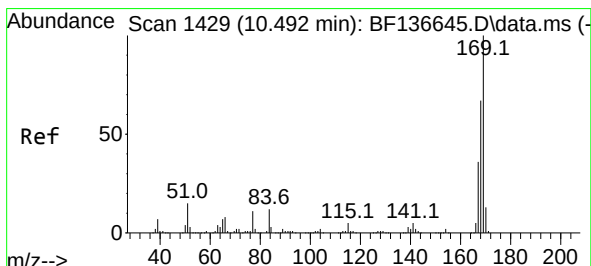
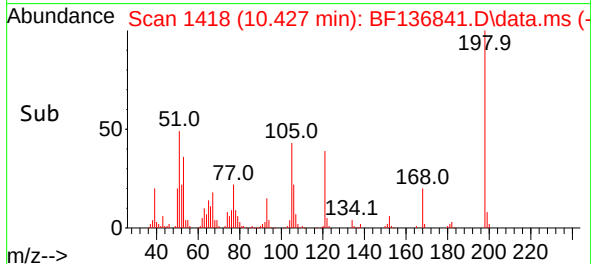
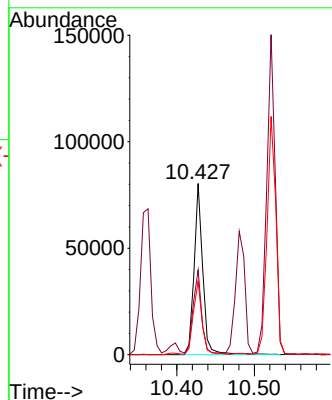
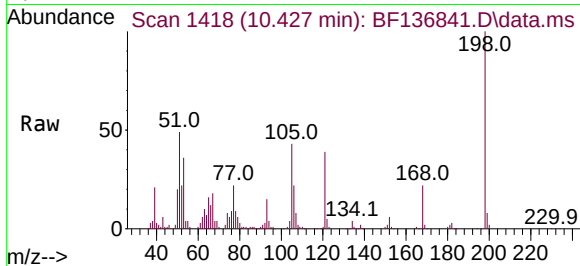




#65
4,6-Dinitro-2-methylphenol
Concen: 43.296 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

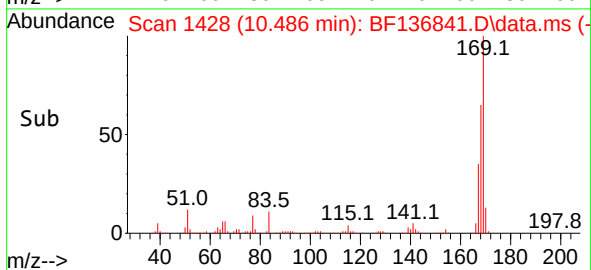
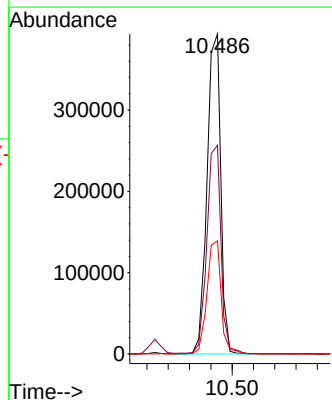
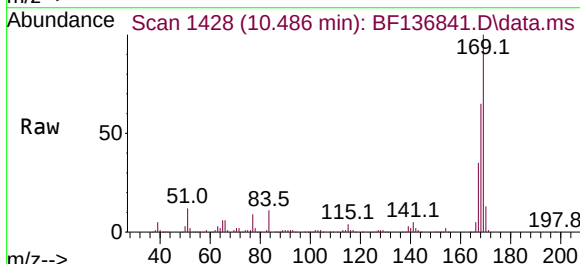
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

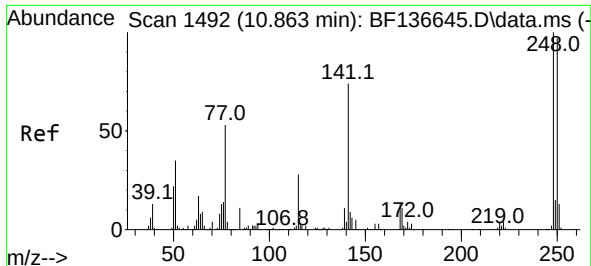
Tgt Ion:198 Resp: 62583
Ion Ratio Lower Upper
198 100
51 49.5 34.1 74.1
105 42.9 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 42.995 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:169 Resp: 352270
Ion Ratio Lower Upper
169 100
168 65.2 53.8 80.6
167 35.3 28.7 43.1

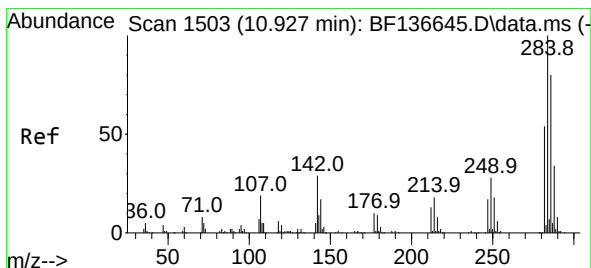
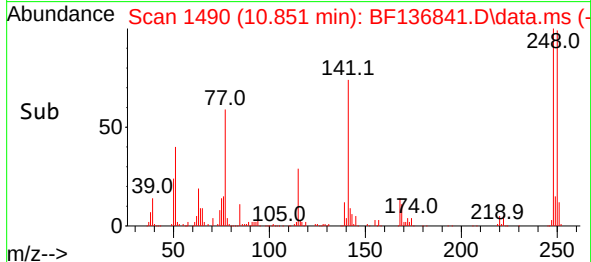
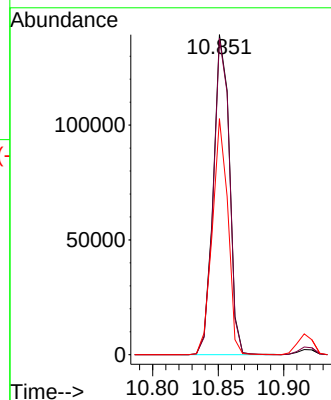
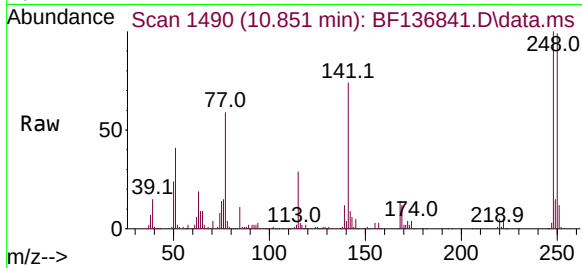




#67
4-Bromophenyl-phenylether
Concen: 42.481 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

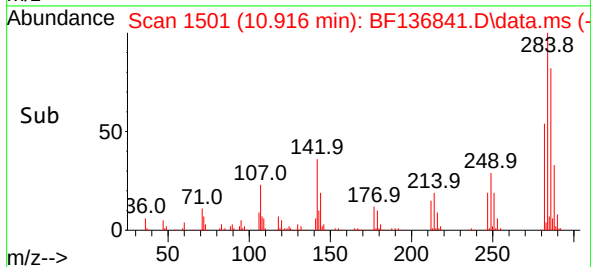
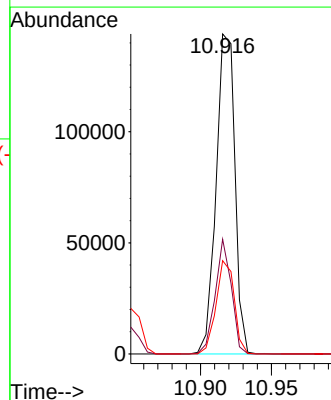
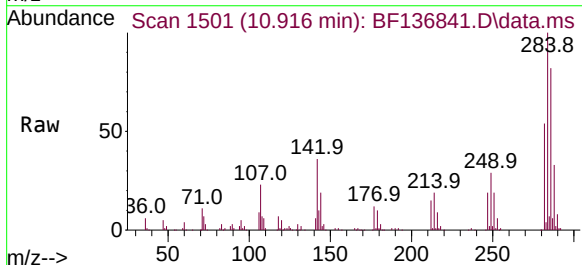
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

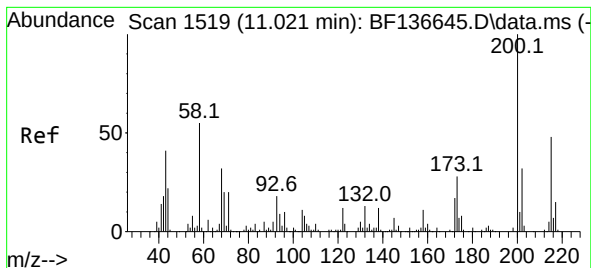
Tgt Ion:248 Resp: 118993
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.6
141 73.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.497 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:284 Resp: 132656
Ion Ratio Lower Upper
284 100
142 35.9 23.4 35.0#
249 29.1 22.3 33.5





#69

Atrazine

Concen: 41.932 ng

RT: 11.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

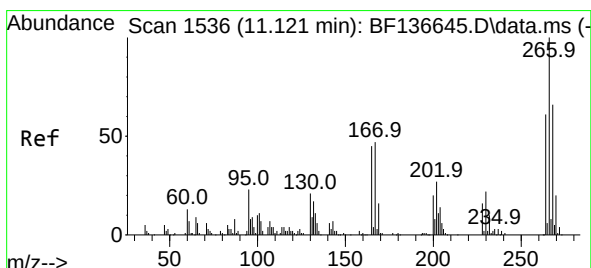
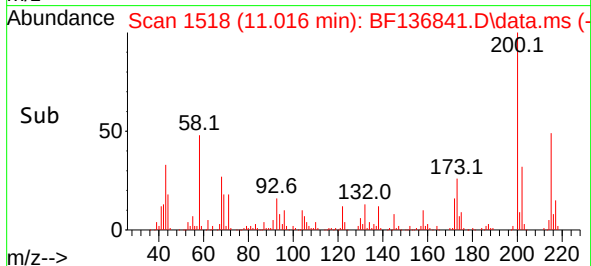
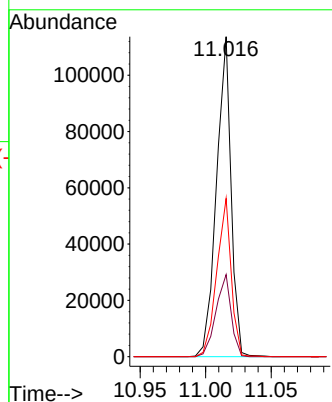
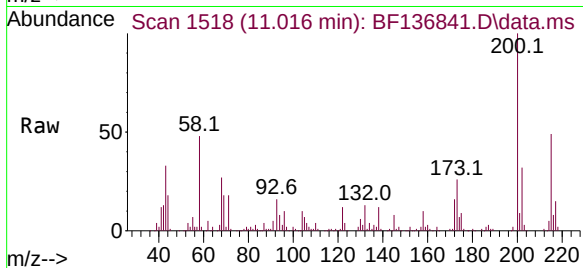
Tgt Ion:200 Resp: 87872

Ion Ratio Lower Upper

200 100

173 25.7 7.6 47.6

215 49.4 28.3 68.3



#70

Pentachlorophenol

Concen: 45.140 ng

RT: 11.116 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

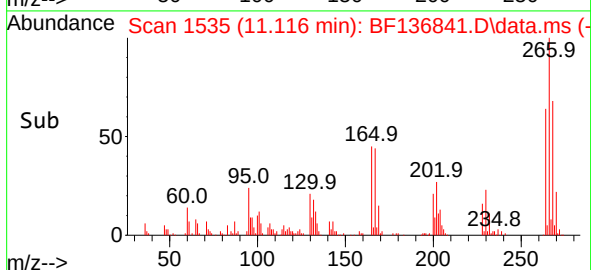
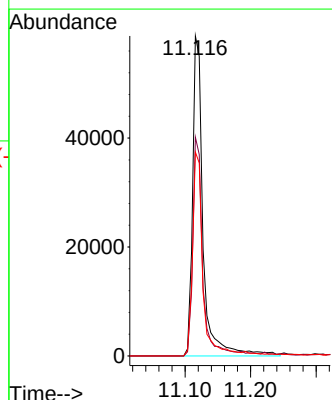
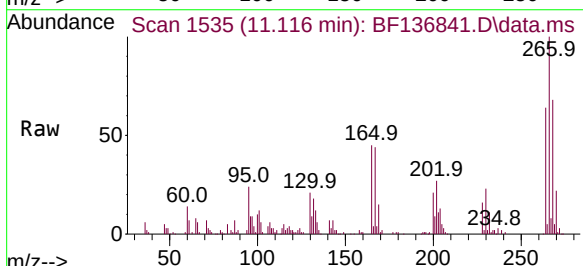
Tgt Ion:266 Resp: 65678

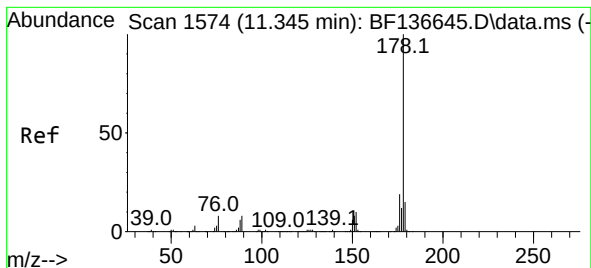
Ion Ratio Lower Upper

266 100

268 68.3 52.6 78.8

264 63.7 49.0 73.4





#71

Phenanthrene

Concen: 41.715 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

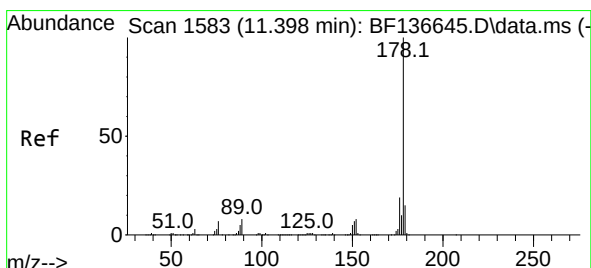
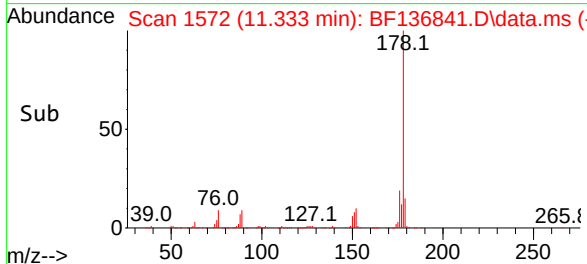
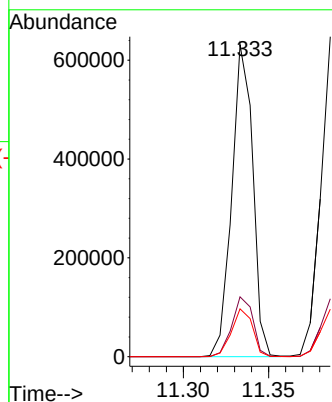
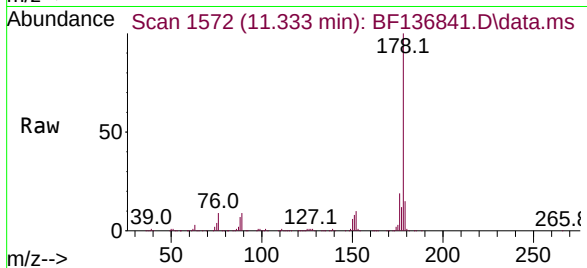
Tgt Ion:178 Resp: 539857

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.3 11.9 17.9



#72

Anthracene

Concen: 41.261 ng

RT: 11.386 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

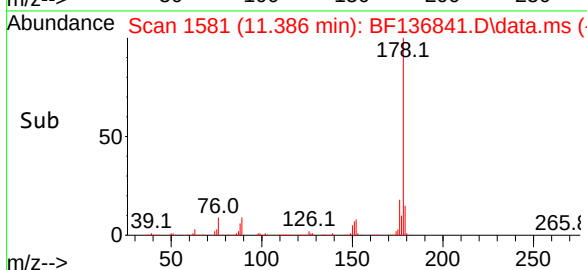
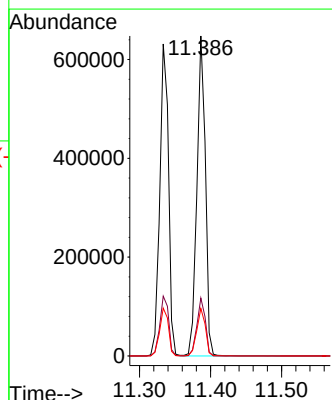
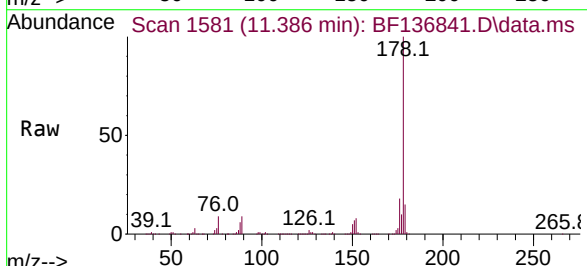
Tgt Ion:178 Resp: 540780

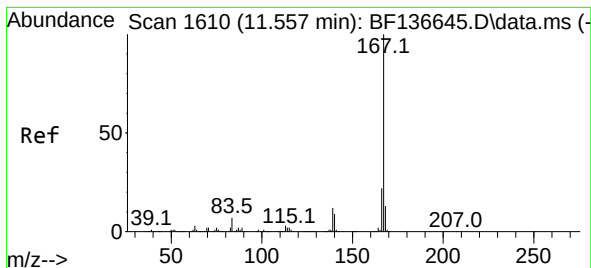
Ion Ratio Lower Upper

178 100

176 18.1 14.9 22.3

179 14.8 11.8 17.6





#73

Carbazole

Concen: 39.832 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

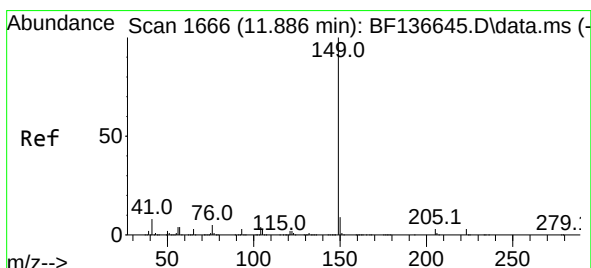
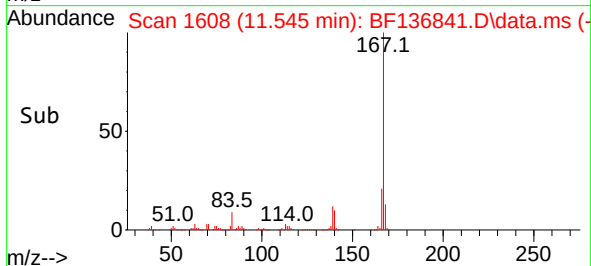
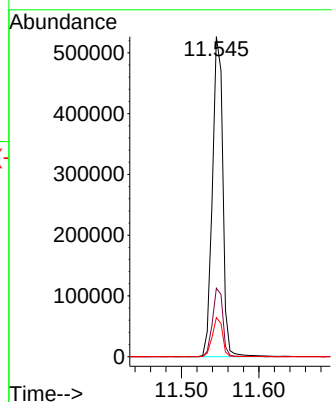
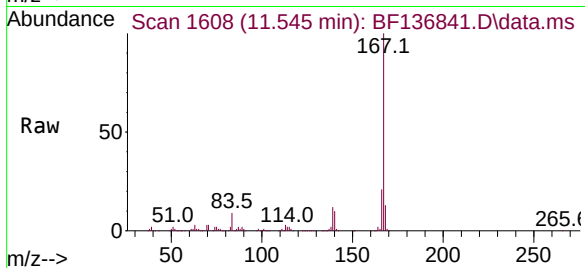
Tgt Ion:167 Resp: 492198

Ion Ratio Lower Upper

167 100

166 21.4 17.3 25.9

139 12.2 9.8 14.6



#74

Di-n-butylphthalate

Concen: 41.346 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

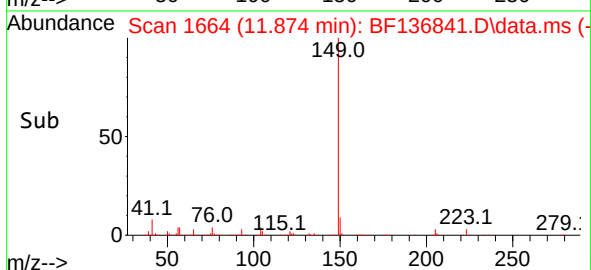
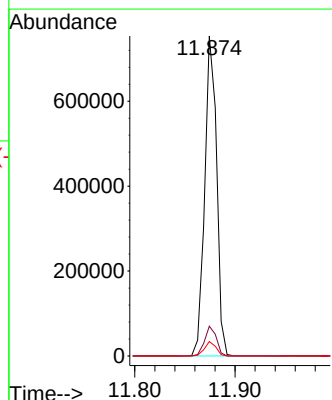
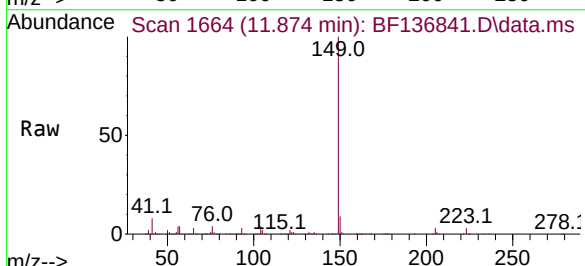
Tgt Ion:149 Resp: 623422

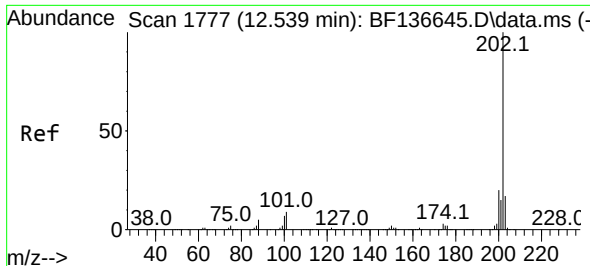
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 4.5 3.6 5.4

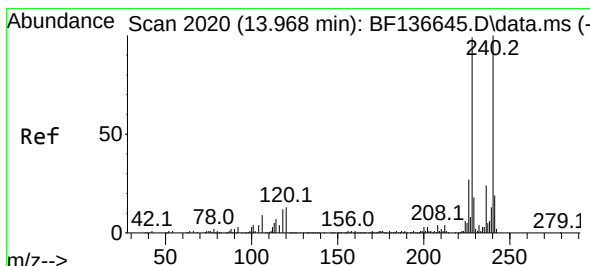
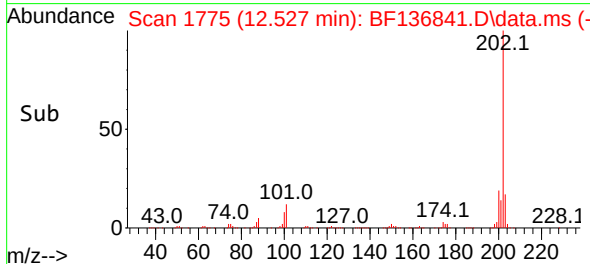
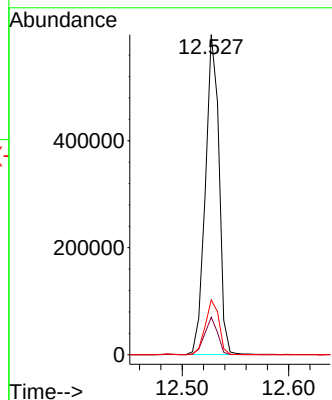
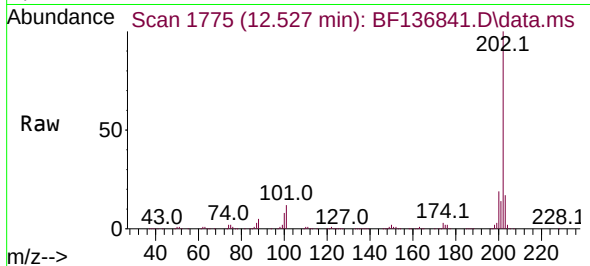




#75
Fluoranthene
Concen: 38.612 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

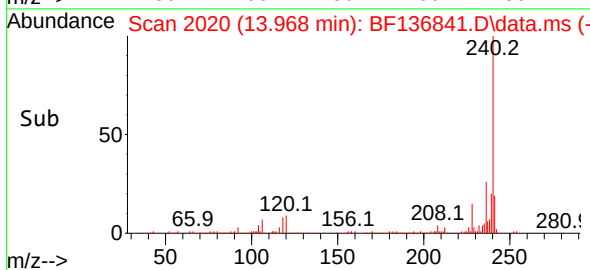
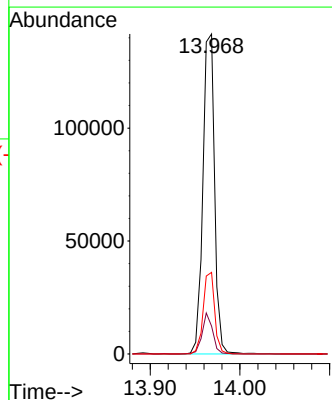
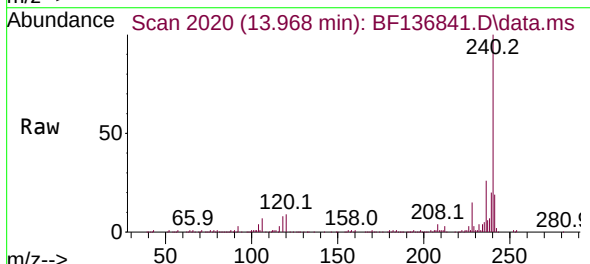
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

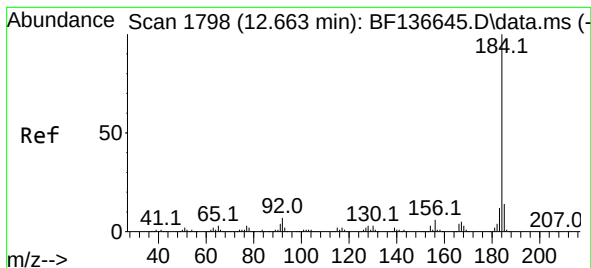
Tgt Ion:202 Resp: 534507
Ion Ratio Lower Upper
202 100
101 11.7 0.0 29.3
203 17.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:240 Resp: 128595
Ion Ratio Lower Upper
240 100
120 8.7 10.3 15.5#
236 25.5 19.4 29.2





#77

Benzidine

Concen: 22.980 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

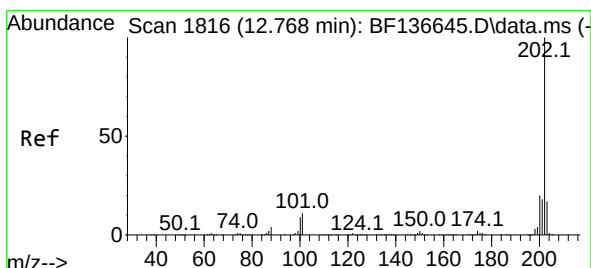
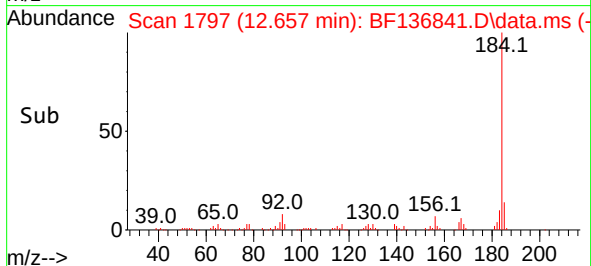
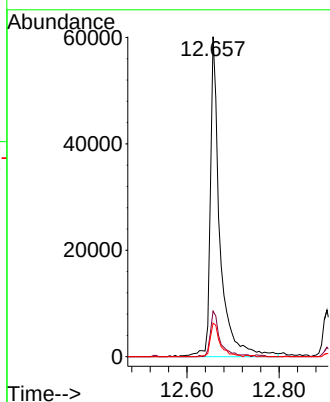
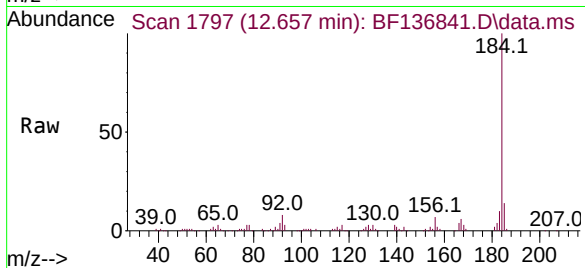
Tgt Ion:184 Resp: 87132

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 10.5 9.3 13.9



#78

Pyrene

Concen: 41.509 ng

RT: 12.757 min Scan# 1814

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

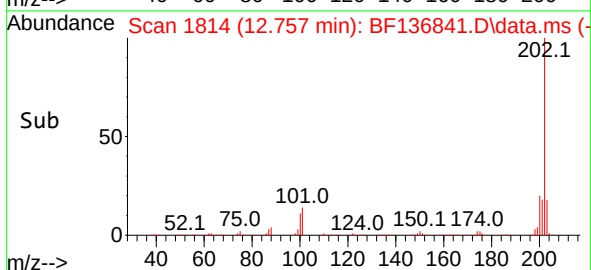
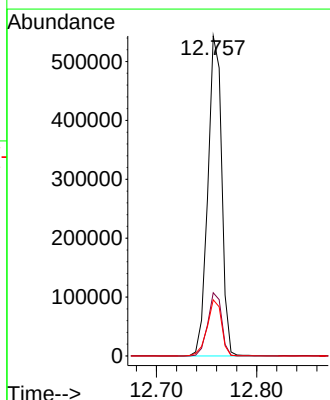
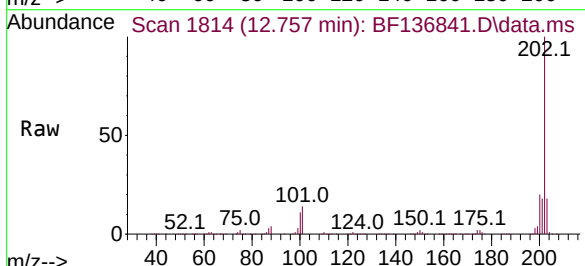
Tgt Ion:202 Resp: 524000

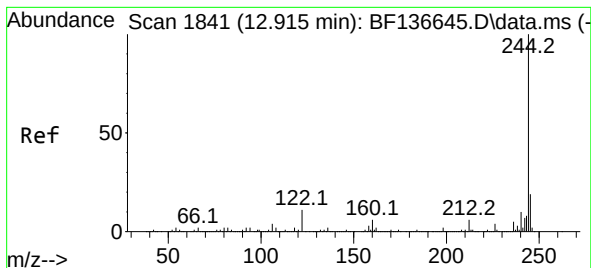
Ion Ratio Lower Upper

202 100

200 19.8 15.9 23.9

203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 84.212 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

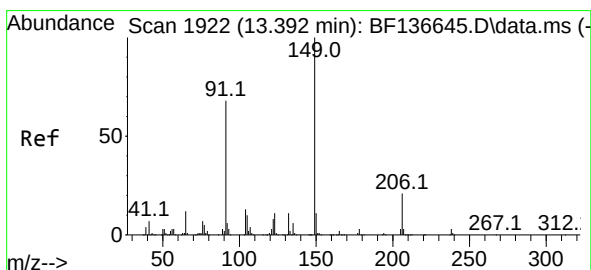
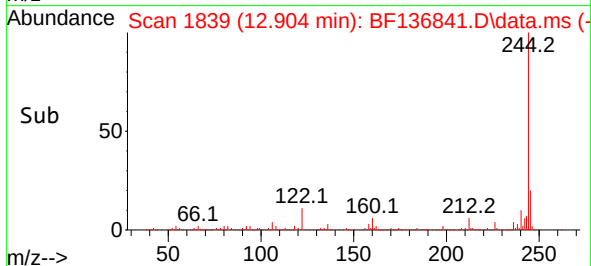
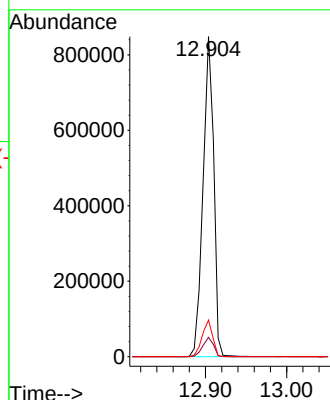
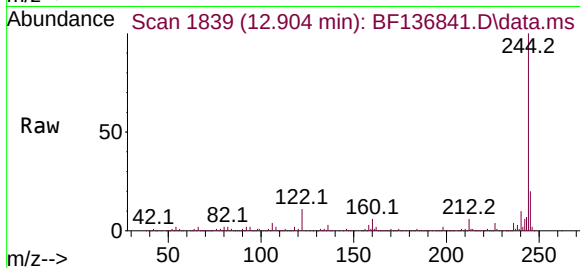
Tgt Ion:244 Resp: 774917

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.182 ng

RT: 13.380 min Scan# 1920

Delta R.T. -0.012 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

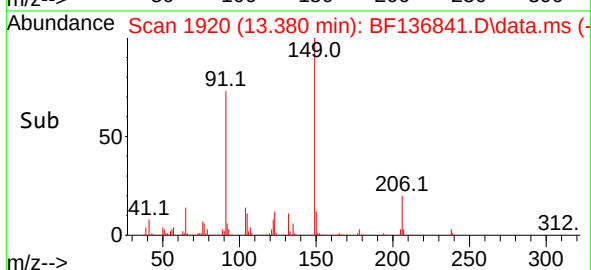
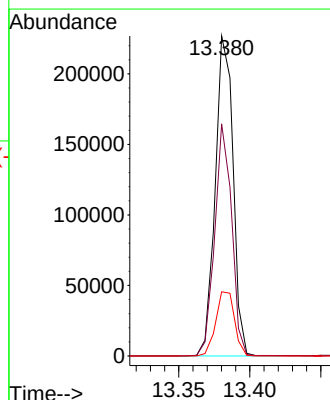
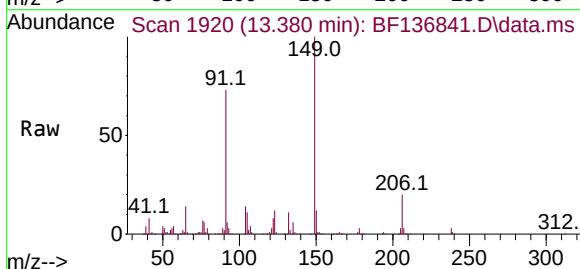
Tgt Ion:149 Resp: 198354

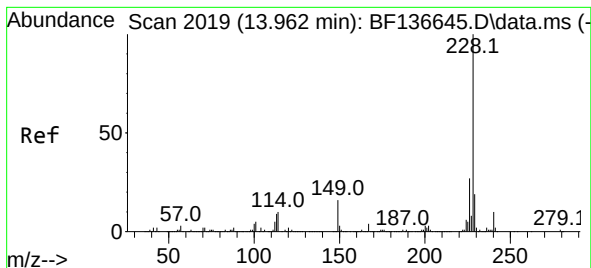
Ion Ratio Lower Upper

149 100

91 72.6 54.1 81.1

206 20.0 17.1 25.7





#81

Benzo(a)anthracene

Concen: 41.925 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

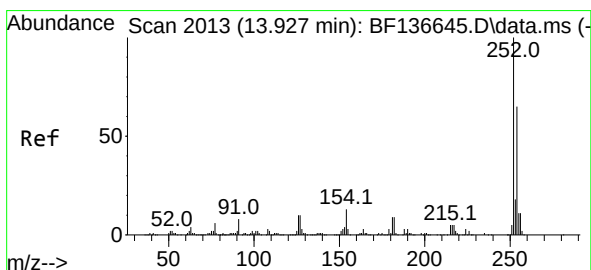
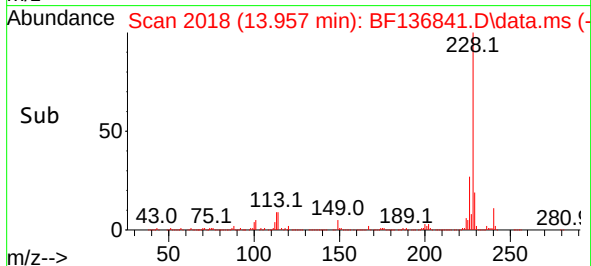
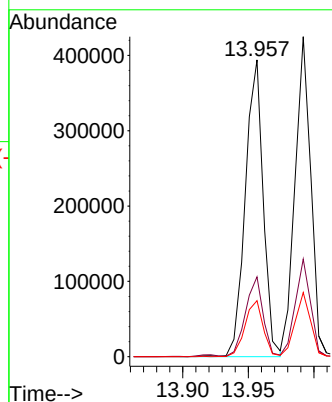
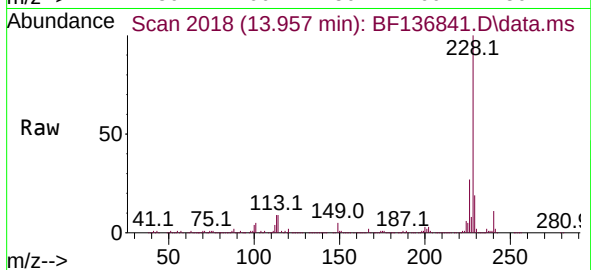
Tgt Ion:228 Resp: 374367

Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 18.8 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 43.359 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

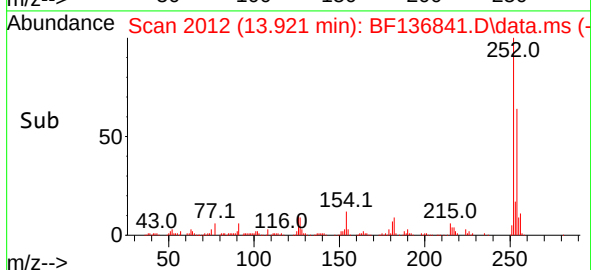
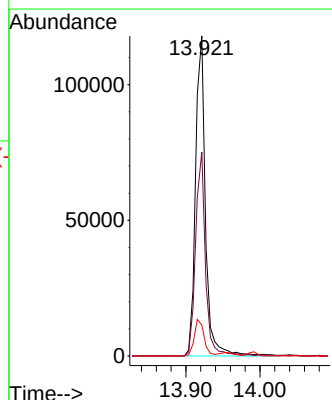
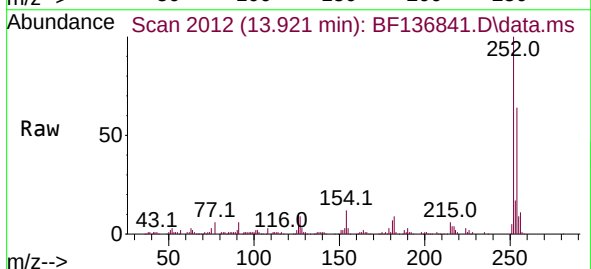
Tgt Ion:252 Resp: 109954

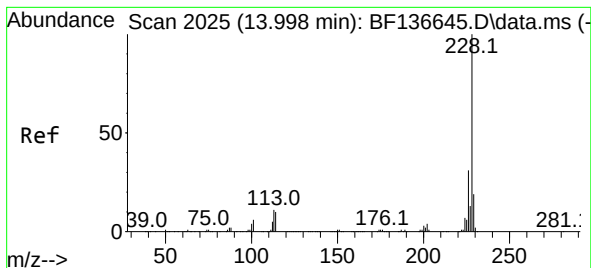
Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.4

126 9.8 8.0 12.0





#83

Chrysene

Concen: 40.766 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

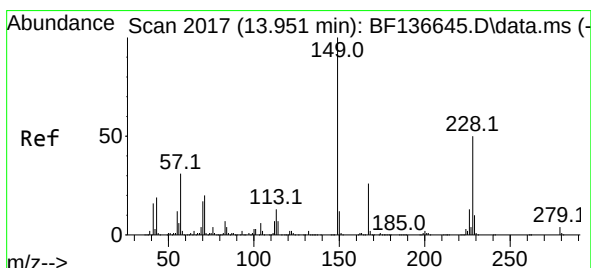
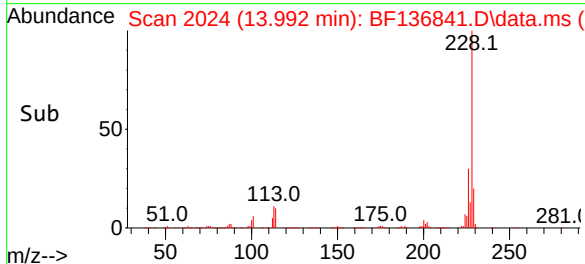
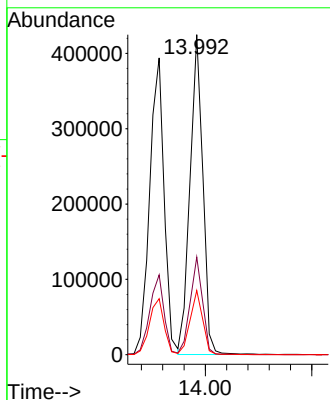
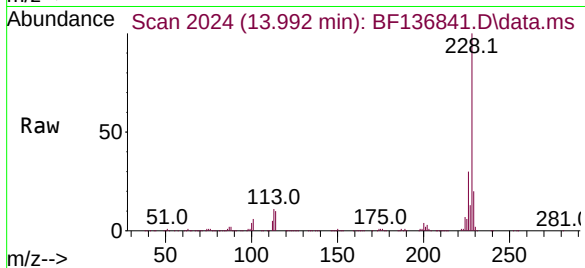
Tgt Ion:228 Resp: 355970

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 20.1 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.764 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

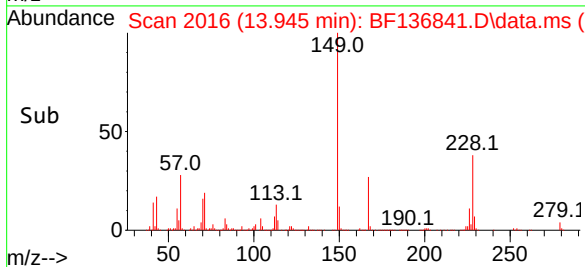
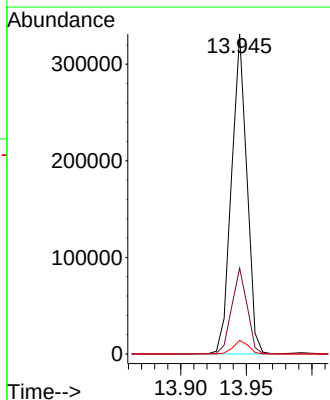
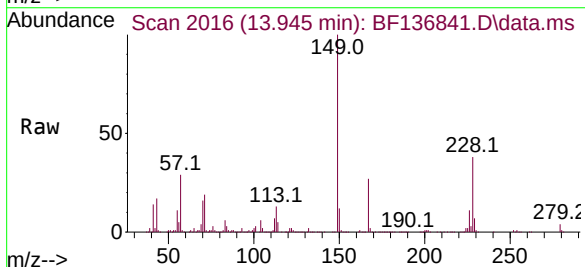
Tgt Ion:149 Resp: 270267

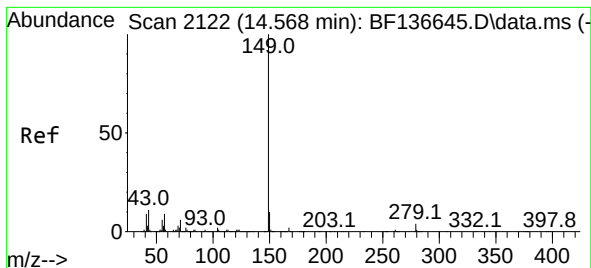
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 4.3 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 47.369 ng

RT: 14.562 min Scan# 2122

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

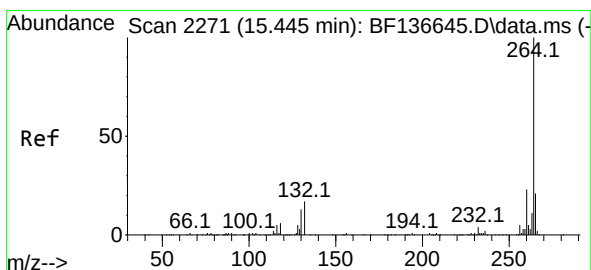
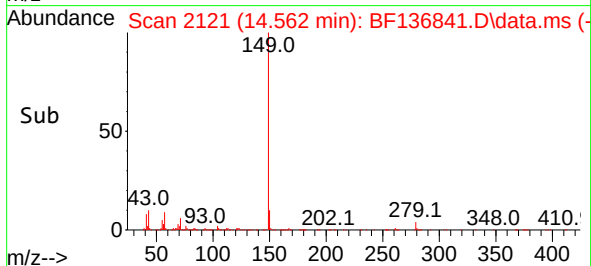
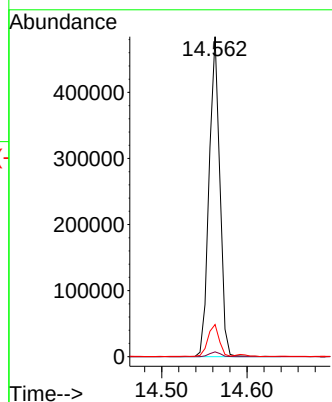
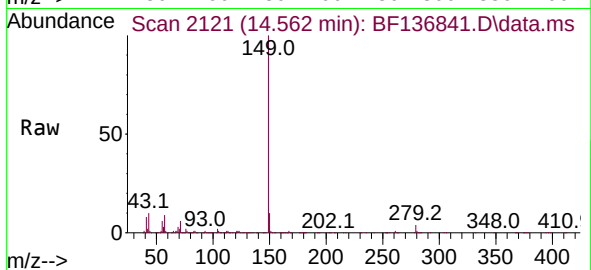
Tgt Ion:149 Resp: 423472

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

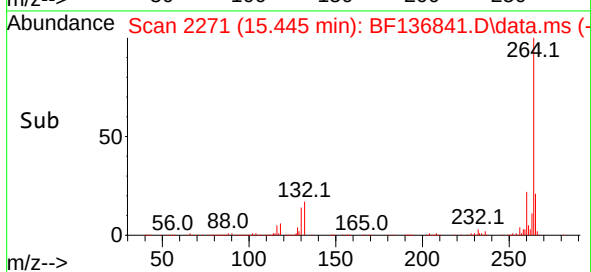
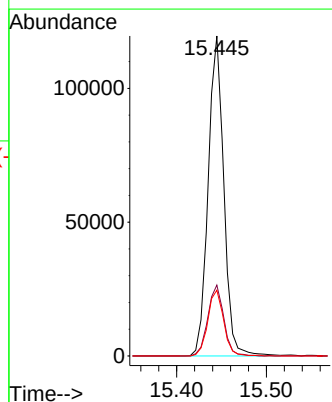
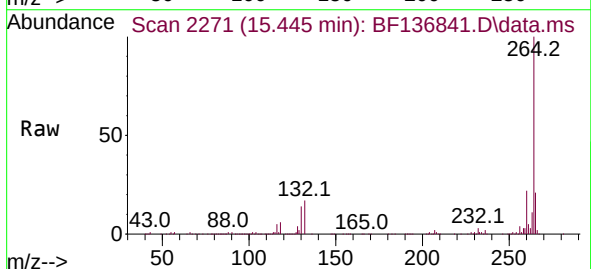
Tgt Ion:264 Resp: 144763

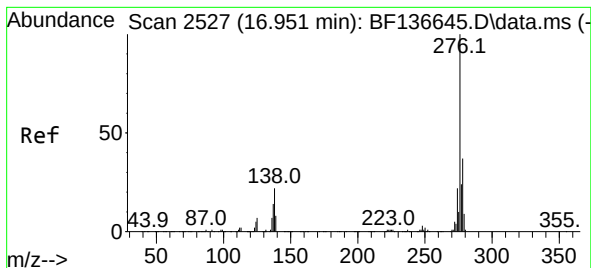
Ion Ratio Lower Upper

264 100

260 22.1 18.3 27.5

265 20.5 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.637 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

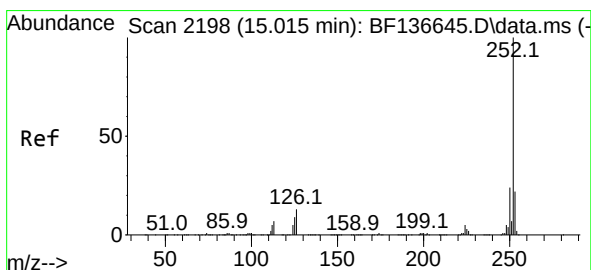
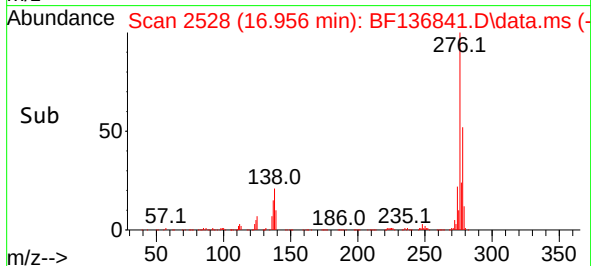
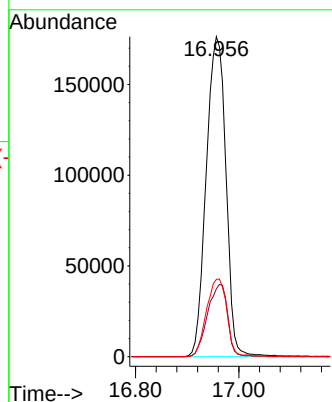
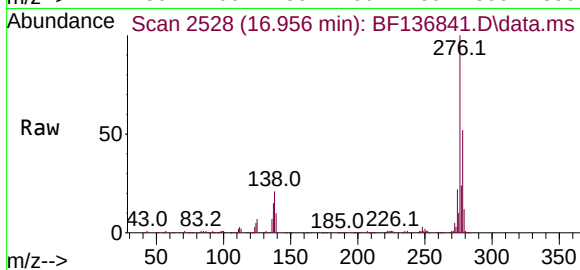
Tgt Ion:276 Resp: 466553

Ion Ratio Lower Upper

276 100

138 23.2 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 38.402 ng

RT: 15.009 min Scan# 2197

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

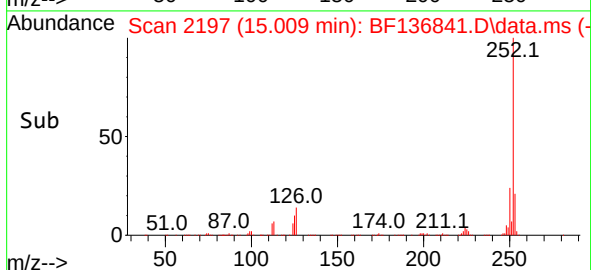
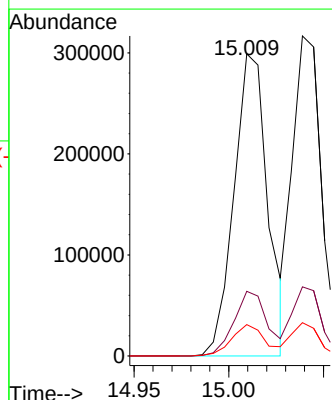
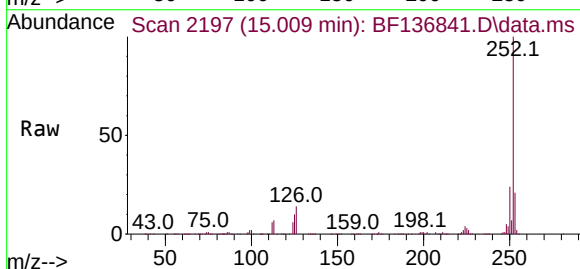
Tgt Ion:252 Resp: 371306

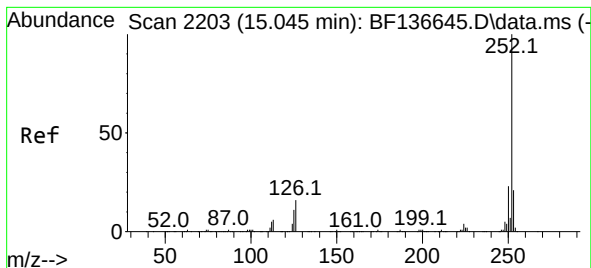
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 10.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.105 ng

RT: 15.039 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

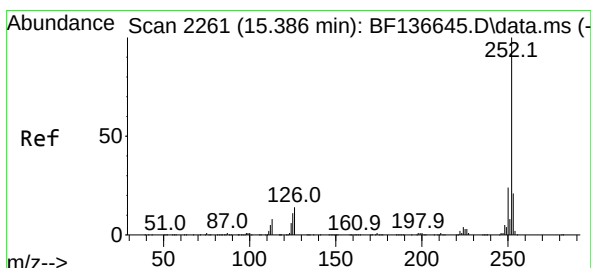
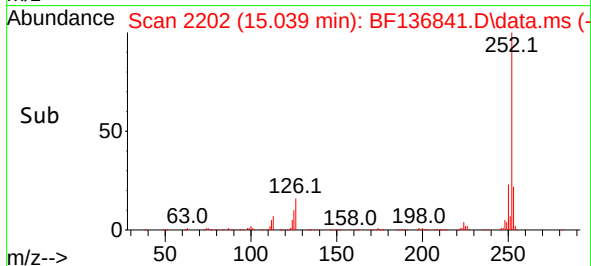
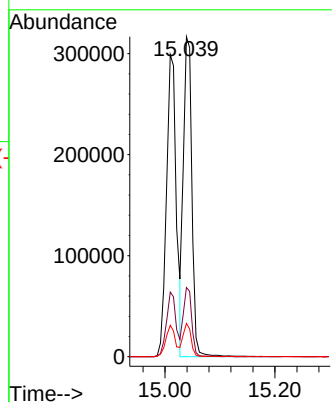
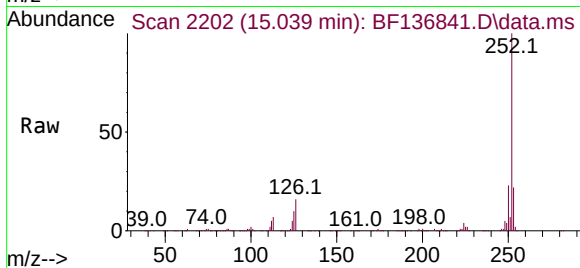
Tgt Ion:252 Resp: 338999

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 10.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 40.171 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF136841.D

Acq: 29 Dec 2023 21:56

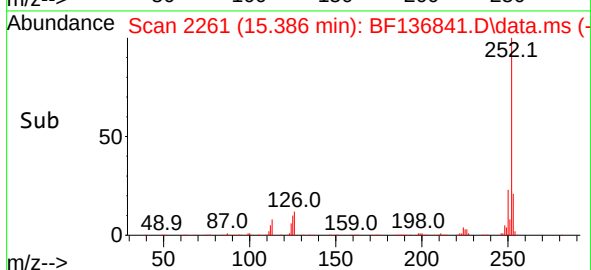
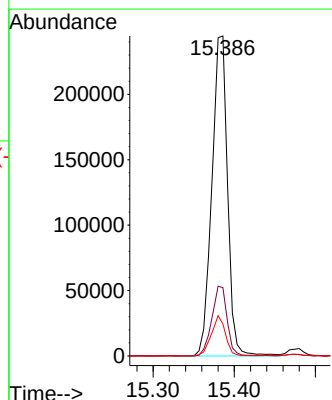
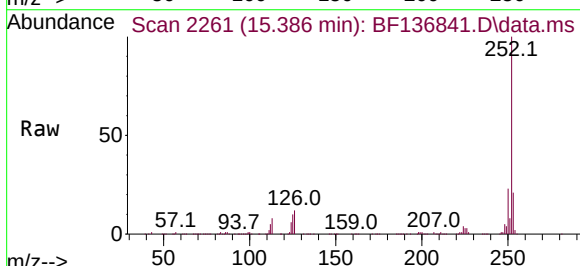
Tgt Ion:252 Resp: 327859

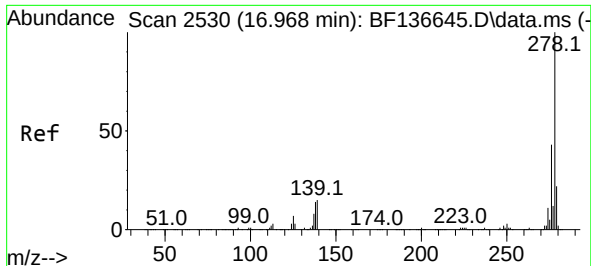
Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.6

125 10.0 8.8 13.2

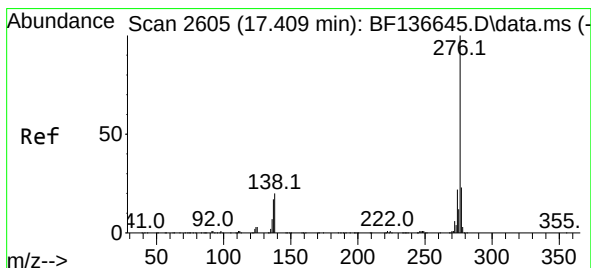
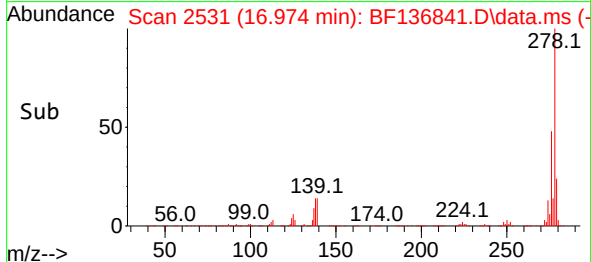
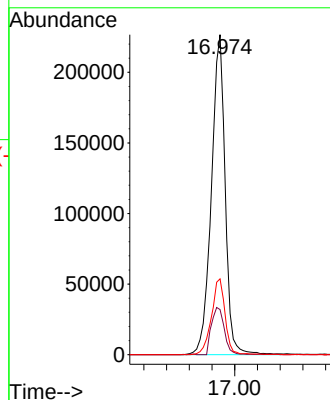
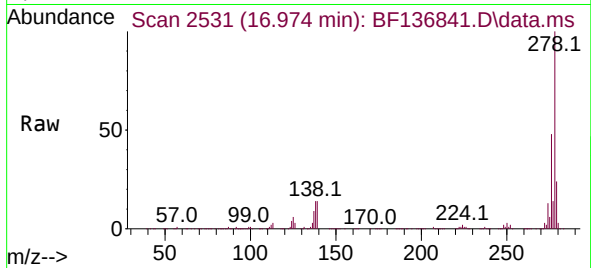




#91
Dibenzo(a,h)anthracene
Concen: 44.445 ng
RT: 16.974 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 381112
Ion Ratio Lower Upper
278 100
139 14.1 12.2 18.4
279 23.7 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 45.014 ng
RT: 17.415 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF136841.D
Acq: 29 Dec 2023 21:56

Tgt Ion:276 Resp: 395332
Ion Ratio Lower Upper
276 100
277 22.7 18.3 27.5
138 19.6 15.6 23.4

