

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136785.D
 Acq On : 28 Dec 2023 10:07
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 28 10:27:02 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	6.787	152	81200	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	309429	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	150313	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	273628	20.000	ng	0.00
76) Chrysene-d12	13.968	240	135987	20.000	ng	0.00
86) Perylene-d12	15.451	264	139233	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	426952	82.040	ng	0.00
7) Phenol-d6	6.440	99	532873	79.022	ng	0.00
23) Nitrobenzene-d5	7.351	82	480292	79.427	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	140105	79.143	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	898663	80.411	ng	0.00
79) Terphenyl-d14	12.910	244	806051	82.834	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	84315	38.884	ng	99
3) Pyridine	3.299	79	210936	39.870	ng	95
4) n-Nitrosodimethylamine	3.275	42	109945	38.915	ng	99
6) Aniline	6.457	93	257099	38.134	ng	92
8) 2-Chlorophenol	6.581	128	228802	40.175	ng	92
9) Benzaldehyde	6.345	77	150481	39.233	ng	99
10) Phenol	6.451	94	284831	39.568	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	211278	38.594	ng	99
12) 1,3-Dichlorobenzene	6.728	146	251928	40.550	ng	98
13) 1,4-Dichlorobenzene	6.804	146	252738	39.814	ng	97
14) 1,2-Dichlorobenzene	6.957	146	233336	39.502	ng	99
15) Benzyl Alcohol	6.934	79	181351	39.863	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	334211	37.341	ng	80
17) 2-Methylphenol	7.051	107	181329	38.433	ng	97
18) Hexachloroethane	7.292	117	92237	40.009	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	150266	36.760	ng	97
20) 3+4-Methylphenols	7.204	107	223357	37.894	ng	# 70
22) Acetophenone	7.198	105	305052	39.332	ng	96
24) Nitrobenzene	7.369	77	246267	40.655	ng	99
25) Isophorone	7.610	82	418234	38.011	ng	99
26) 2-Nitrophenol	7.687	139	118296	40.818	ng	95
27) 2,4-Dimethylphenol	7.722	122	139833	39.631	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	259364	38.779	ng	99
29) 2,4-Dichlorophenol	7.928	162	180737	39.789	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	205834	40.670	ng	98
31) Naphthalene	8.086	128	671245	39.487	ng	100
32) Benzoic acid	7.863	122	120474	35.289	ng	92
33) 4-Chloroaniline	8.139	127	236207	37.634	ng	97
34) Hexachlorobutadiene	8.198	225	121301	39.448	ng	98
35) Caprolactam	8.522	113	53628	35.787	ng	95
36) 4-Chloro-3-methylphenol	8.628	107	193040	37.749	ng	99
37) 2-Methylnaphthalene	8.775	142	418498	38.253	ng	99
38) 1-Methylnaphthalene	8.875	142	410299	38.227	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	195054	41.901	ng	99
41) Hexachlorocyclopentadiene	8.928	237	41211	30.964	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	126156	42.257	ng	98

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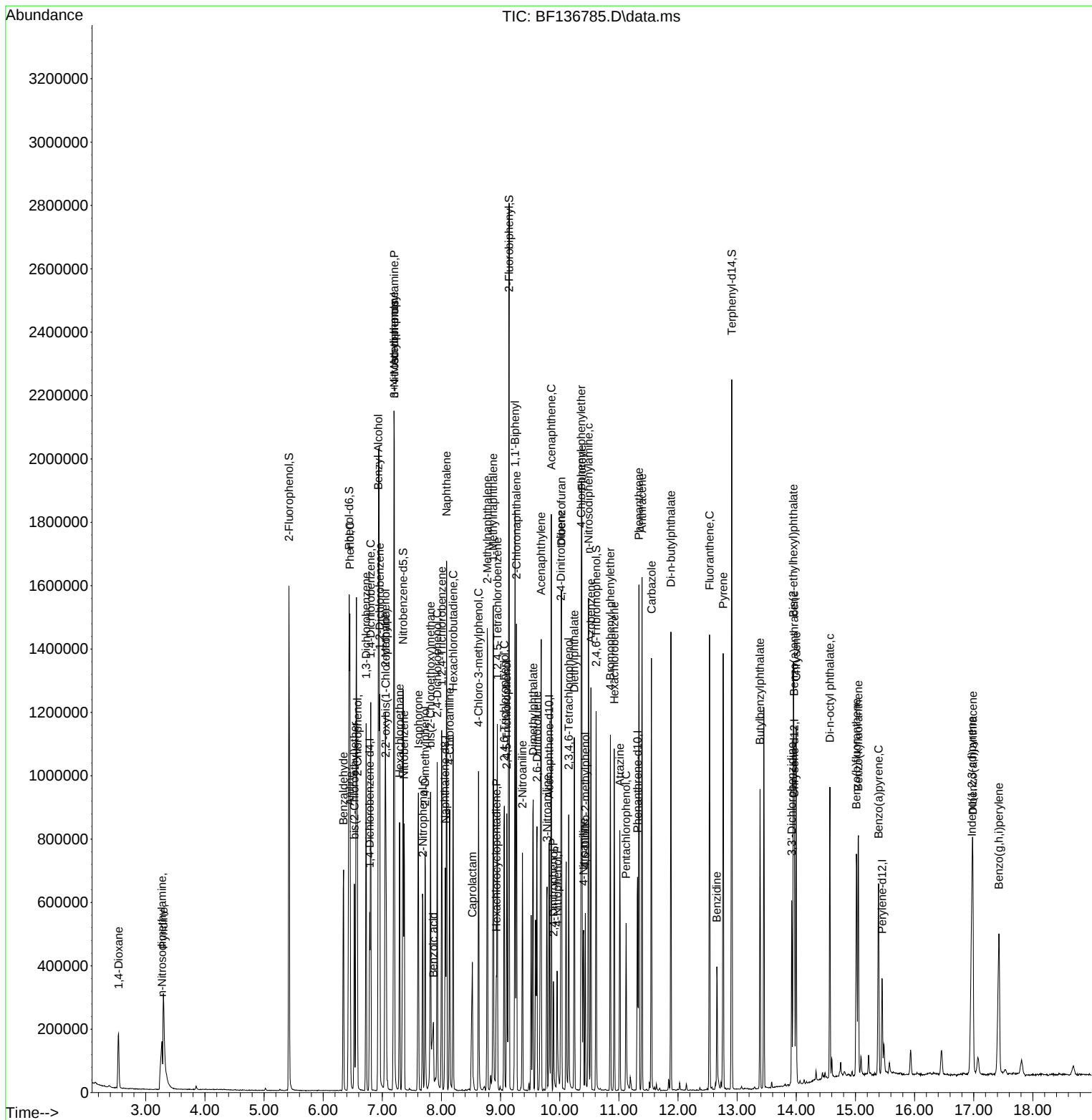
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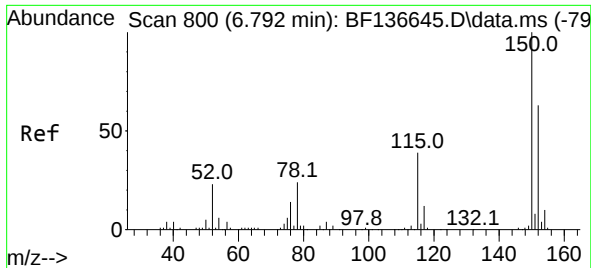
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	137806	41.423	ng	96
46) 1,1'-Biphenyl	9.245	154	516805	40.972	ng	99
47) 2-Chloronaphthalene	9.269	162	397460	41.450	ng	99
48) 2-Nitroaniline	9.369	65	120843	40.244	ng	99
49) Acenaphthylene	9.686	152	597505	40.767	ng	100
50) Dimethylphthalate	9.551	163	440316	40.104	ng	100
51) 2,6-Dinitrotoluene	9.616	165	99875	40.082	ng	98
52) Acenaphthene	9.857	154	362709	39.922	ng	99
53) 3-Nitroaniline	9.786	138	102290	38.753	ng	93
54) 2,4-Dinitrophenol	9.892	184	46231	35.649	ng	# 84
55) Dibenzofuran	10.028	168	545595	39.616	ng	99
56) 4-Nitrophenol	9.957	139	65134	36.554	ng	98
57) 2,4-Dinitrotoluene	10.022	165	126023	38.959	ng	99
58) Fluorene	10.375	166	431888	39.522	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	100211	39.131	ng	97
60) Diethylphthalate	10.245	149	441581	38.764	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	211354	39.791	ng	99
62) 4-Nitroaniline	10.404	138	100265	39.403	ng	92
63) Azobenzene	10.528	77	412736	38.792	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	66881	42.649	ng	95
66) n-Nitrosodiphenylamine	10.486	169	371844	41.833	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	127813	42.060	ng	98
68) Hexachlorobenzene	10.922	284	142336	42.030	ng	95
69) Atrazine	11.016	200	90711	39.900	ng	99
70) Pentachlorophenol	11.122	266	64054	40.579	ng	98
71) Phenanthrene	11.339	178	568570	40.496	ng	99
72) Anthracene	11.392	178	576618	40.553	ng	99
73) Carbazole	11.551	167	531816	39.671	ng	99
74) Di-n-butylphthalate	11.880	149	644595	39.405	ng	100
75) Fluoranthene	12.533	202	573509	38.188	ng	97
77) Benzidine	12.657	184	168051	41.911	ng	99
78) Pyrene	12.763	202	565422	42.356	ng	99
80) Butylbenzylphthalate	13.386	149	196976	40.551	ng	97
81) Benzo(a)anthracene	13.963	228	384247	40.692	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	119548	44.580	ng	# 98
83) Chrysene	13.998	228	370206	40.091	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	252248	41.274	ng	# 97
85) Di-n-octyl phthalate	14.568	149	403396	42.671	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	461194	45.877	ng	99
88) Benzo(b)fluoranthene	15.015	252	364038	39.146	ng	99
89) Benzo(k)fluoranthene	15.051	252	332624	37.853	ng	98
90) Benzo(a)pyrene	15.392	252	322040	41.025	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	374347	45.390	ng	97
92) Benzo(g,h,i)perylene	17.427	276	393423	46.575	ng	99

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

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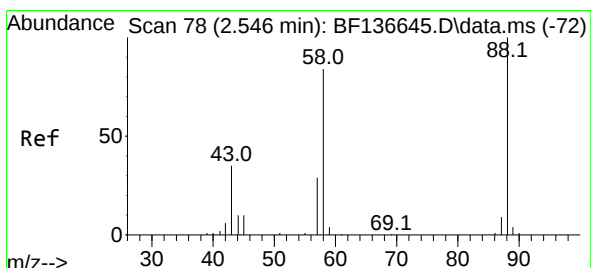
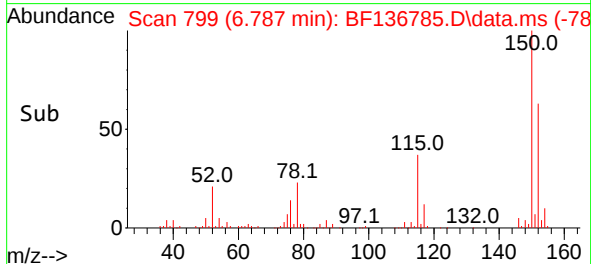
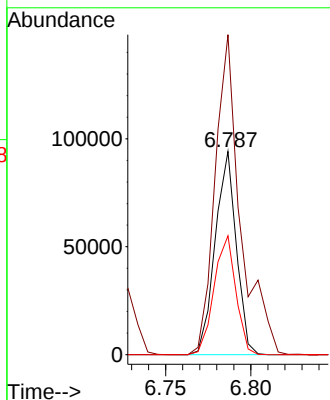
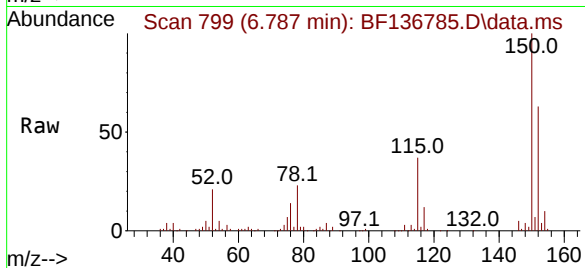




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

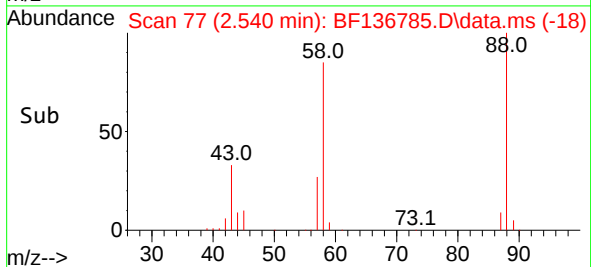
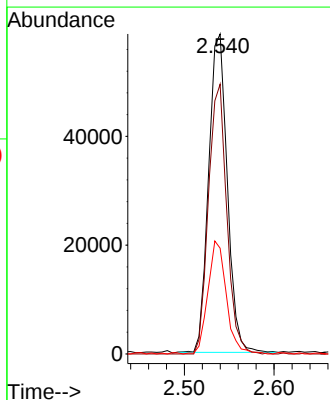
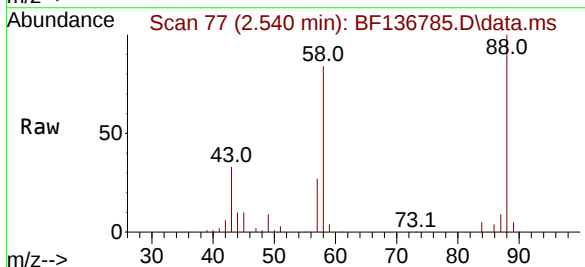
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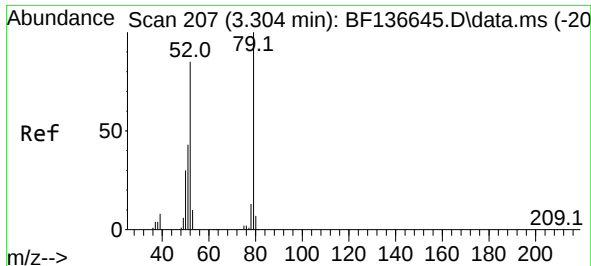
Tgt Ion:152 Resp: 81200
 Ion Ratio Lower Upper
 152 100
 150 157.5 127.0 190.6
 115 58.5 49.0 73.4



#2
 1,4-Dioxane
 Concen: 38.884 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

Tgt Ion: 88 Resp: 84315
 Ion Ratio Lower Upper
 88 100
 58 83.5 67.4 101.0
 43 35.2 27.7 41.5

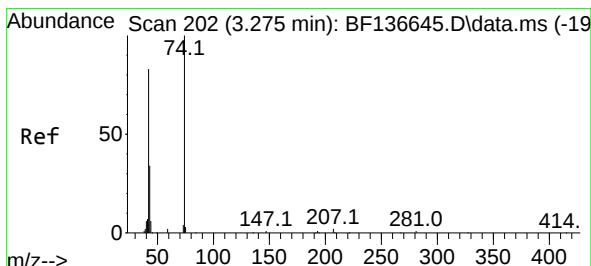
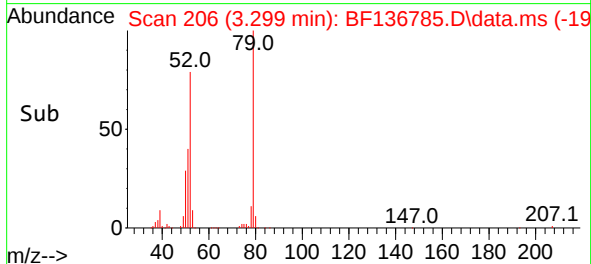
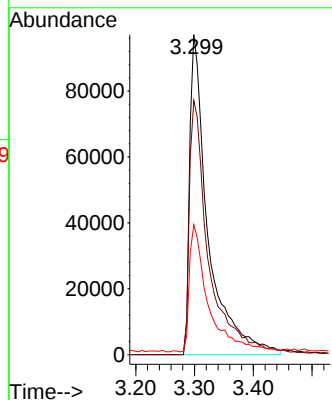
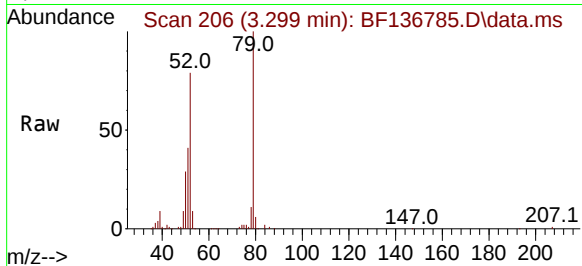




#3
Pyridine
Concen: 39.870 ng
RT: 3.299 min Scan# 206
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

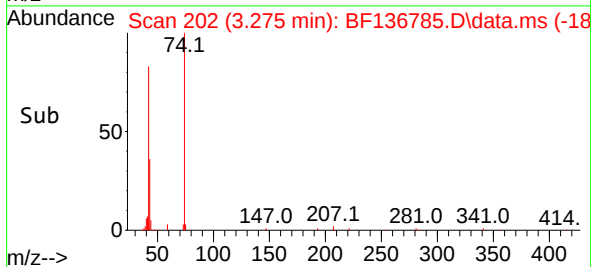
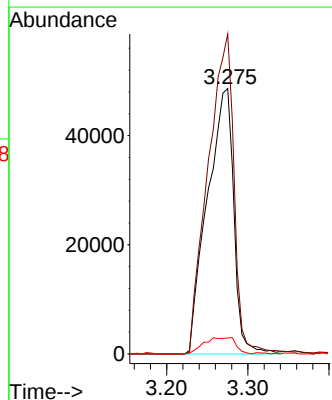
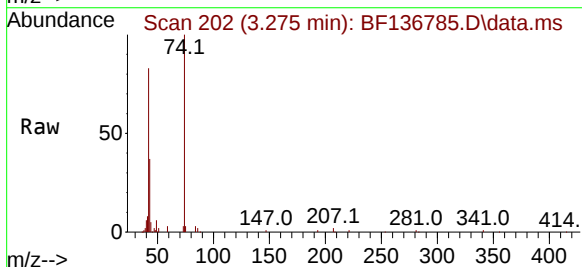
Instrument :
BNA_F
ClientSampleId :
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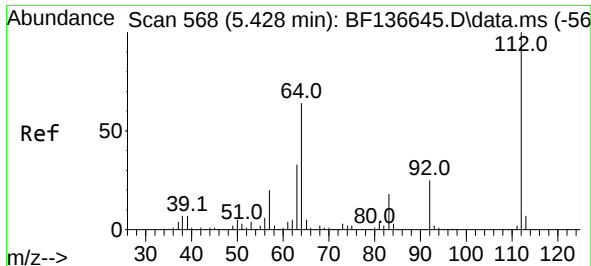
Tgt Ion: 79 Resp: 210936
Ion Ratio Lower Upper
79 100
52 79.4 67.7 101.5
51 40.6 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 38.915 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 42 Resp: 109945
Ion Ratio Lower Upper
42 100
74 120.5 96.0 144.0
44 6.0 5.4 8.2

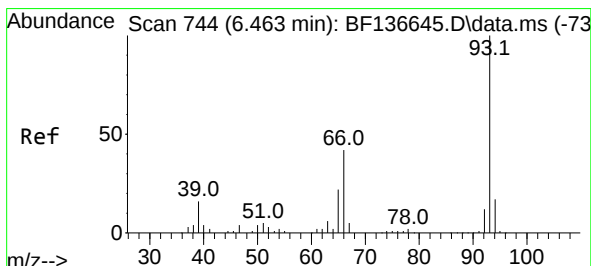
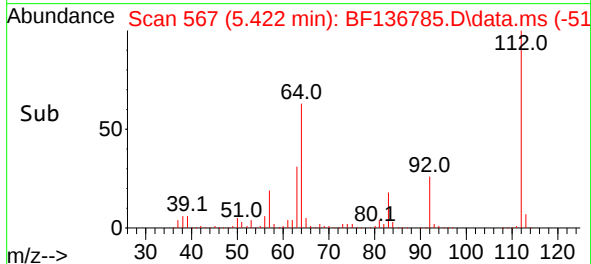
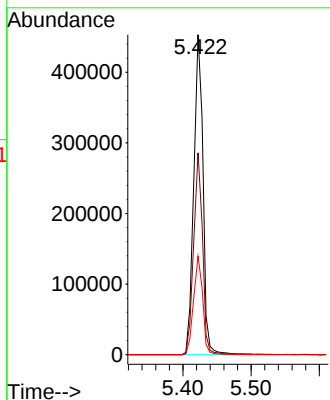
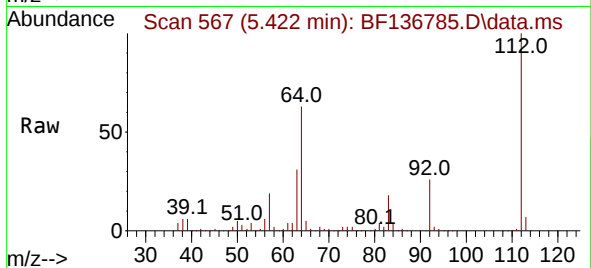




#5
2-Fluorophenol
Concen: 82.040 ng
RT: 5.422 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

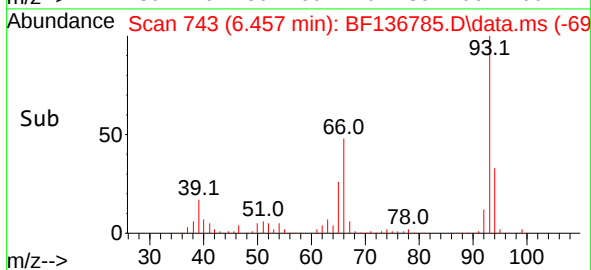
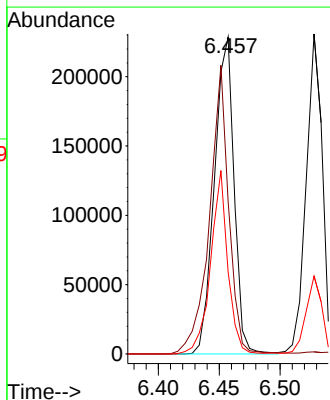
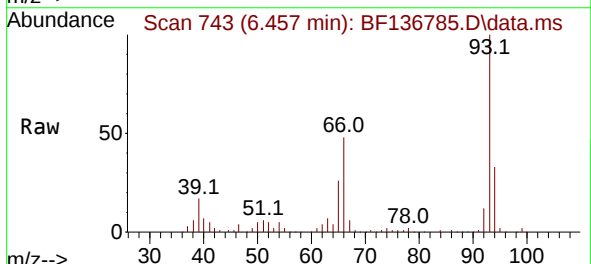
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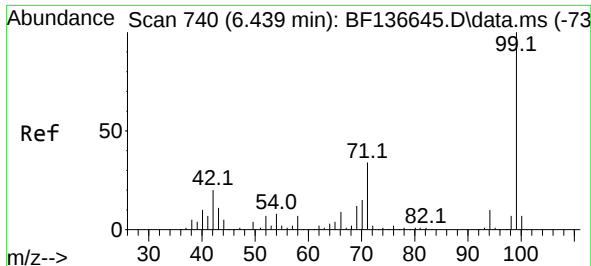
Tgt Ion:112 Resp: 426952
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 30.8 26.1 39.1



#6
Aniline
Concen: 38.134 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 93 Resp: 257099
Ion Ratio Lower Upper
93 100
66 48.2 34.6 51.8
65 25.8 17.8 26.8

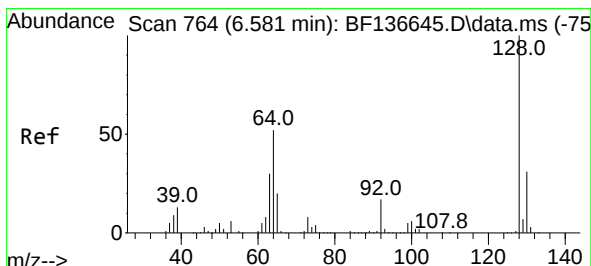
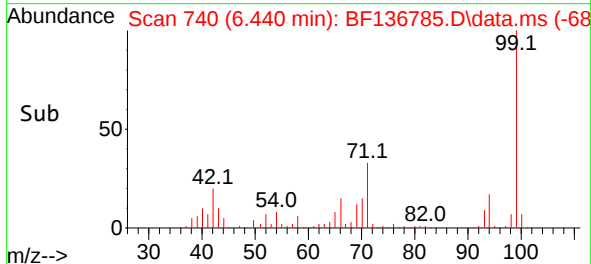
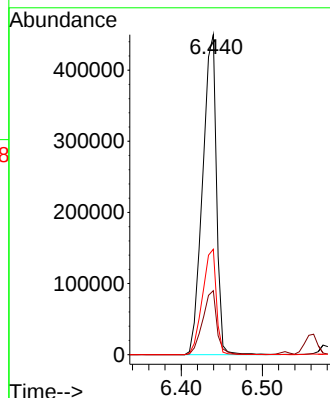
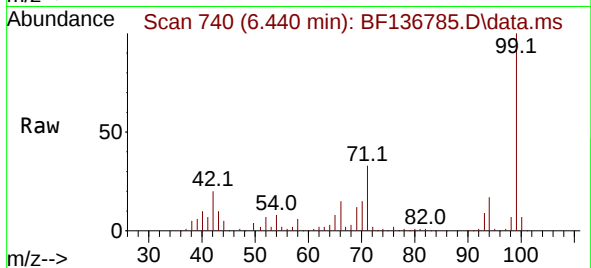




#7
Phenol-d6
Concen: 79.022 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

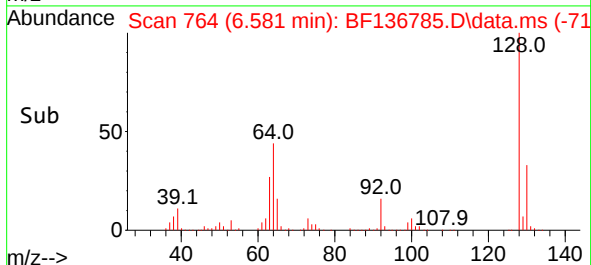
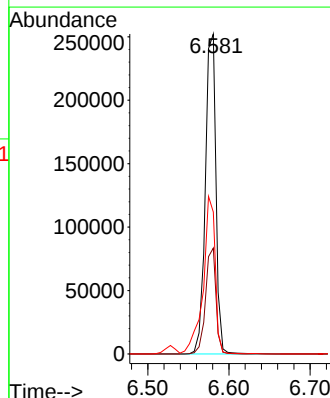
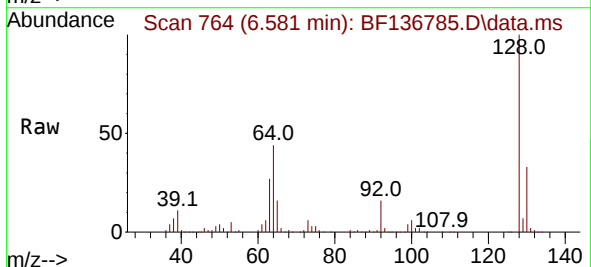
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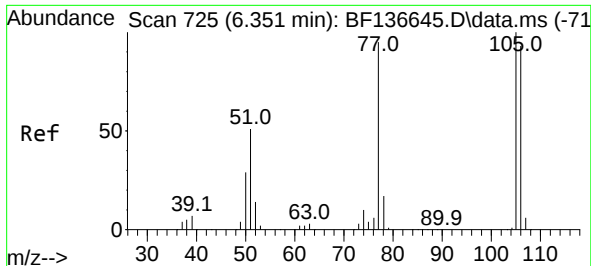
Tgt Ion: 99 Resp: 532873
Ion Ratio Lower Upper
99 100
42 20.0 16.1 24.1
71 33.0 27.4 41.2



#8
2-Chlorophenol
Concen: 40.175 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 128 Resp: 228802
Ion Ratio Lower Upper
128 100
130 33.1 11.3 51.3
64 44.3 32.5 72.5

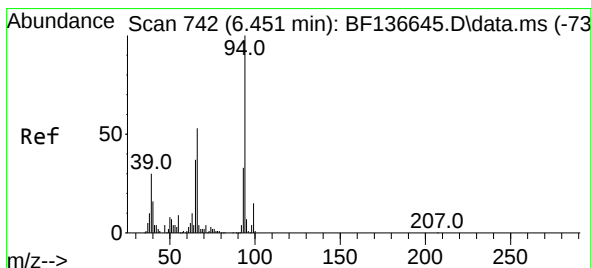
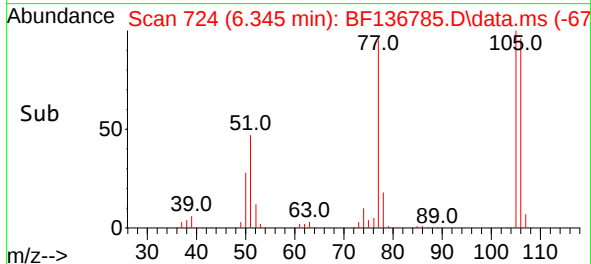
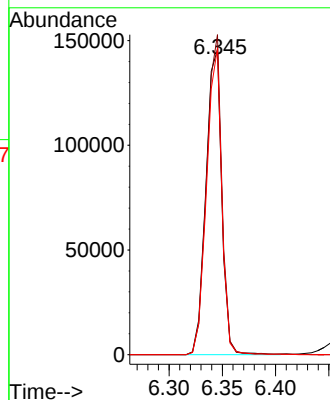
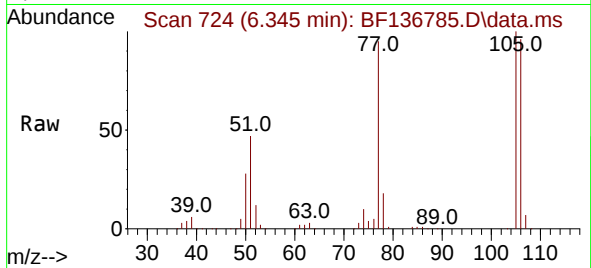




#9
Benzaldehyde
Concen: 39.233 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

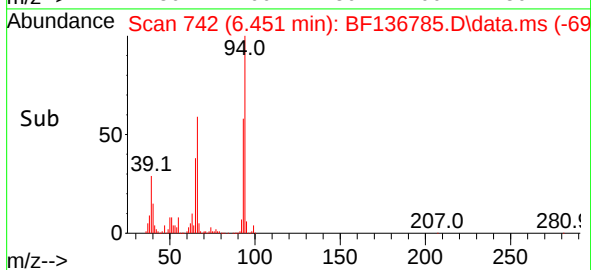
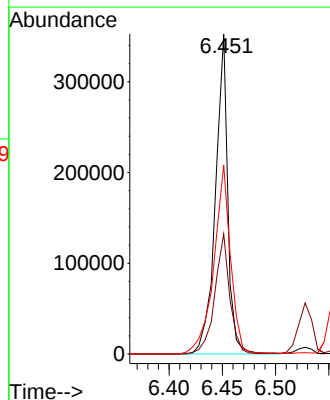
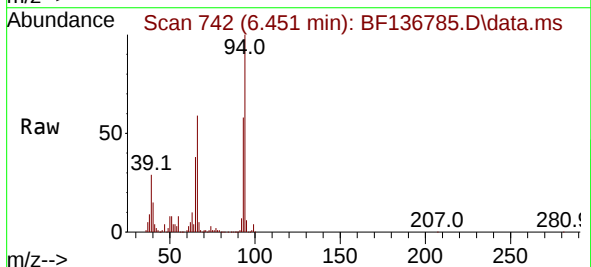
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ClientSampleId :
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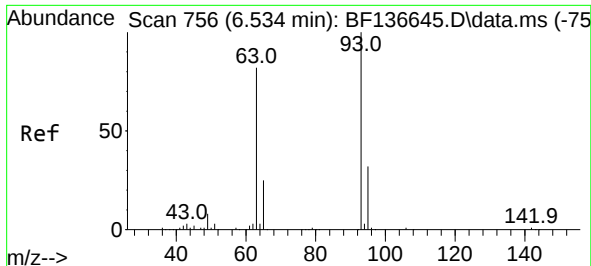
Tgt Ion: 77 Resp: 150481
Ion Ratio Lower Upper
77 100
105 104.8 84.8 124.8
106 100.5 77.8 117.8



#10
Phenol
Concen: 39.568 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 94 Resp: 284831
Ion Ratio Lower Upper
94 100
65 37.5 16.6 56.6
66 59.0 32.6 72.6

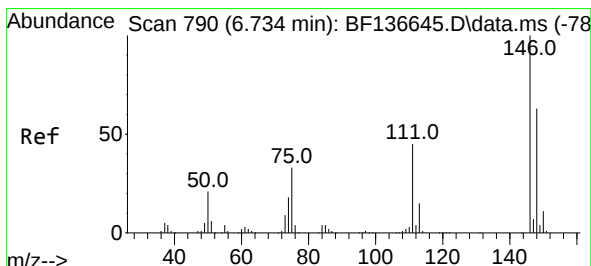
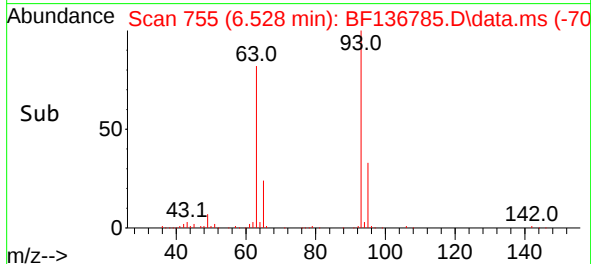
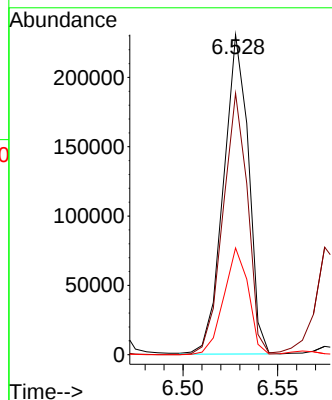
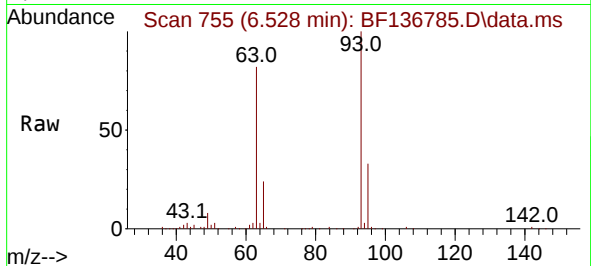




#11
bis(2-Chloroethyl)ether
Concen: 38.594 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

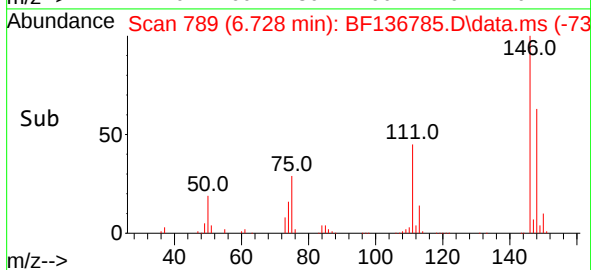
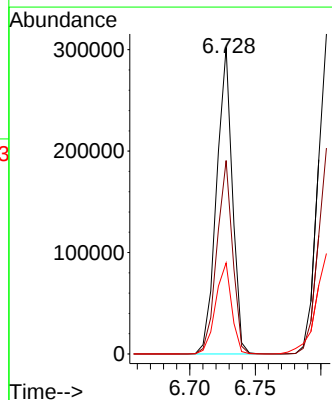
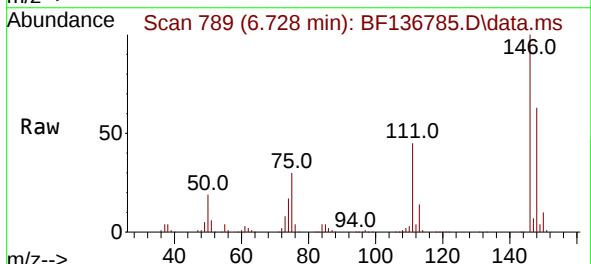
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

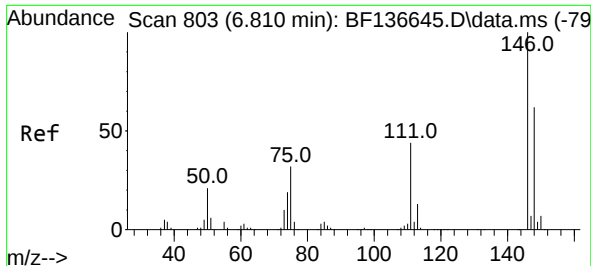
Tgt Ion: 93 Resp: 211278
Ion Ratio Lower Upper
93 100
63 81.7 61.2 101.2
95 33.3 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.550 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:146 Resp: 251928
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 29.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.814 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

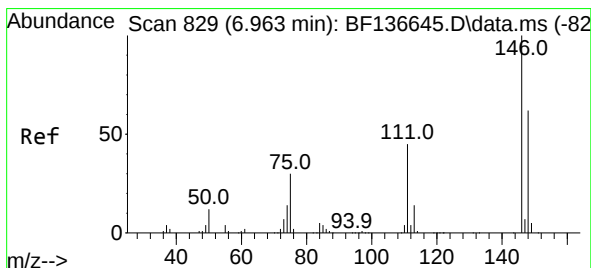
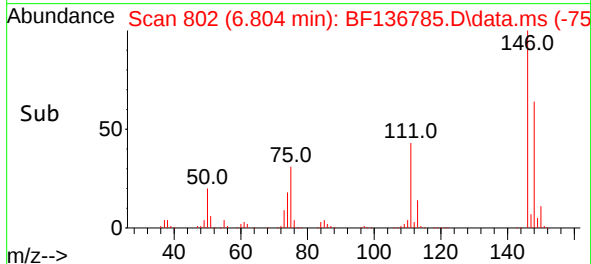
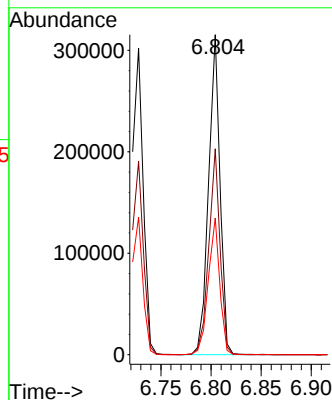
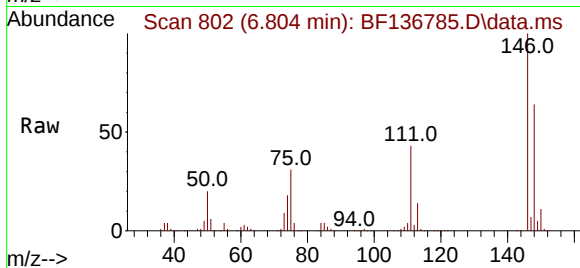
Tgt Ion:146 Resp: 252738

Ion Ratio Lower Upper

146 100

148 64.3 49.2 73.8

111 42.7 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 39.502 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

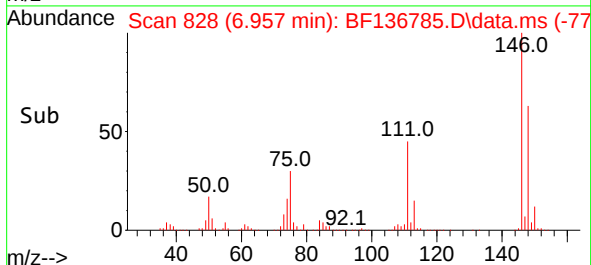
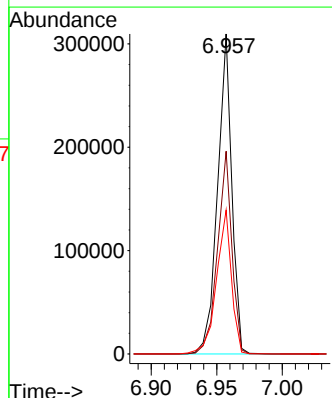
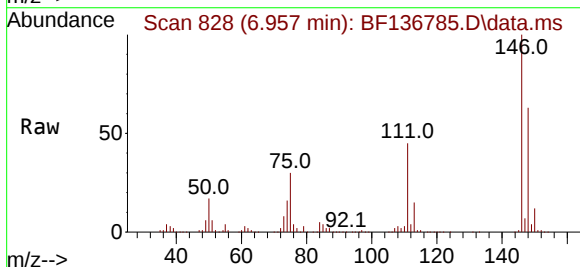
Tgt Ion:146 Resp: 233336

Ion Ratio Lower Upper

146 100

148 63.4 49.6 74.4

111 44.9 36.2 54.2

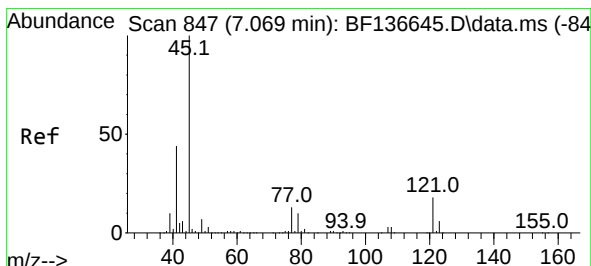
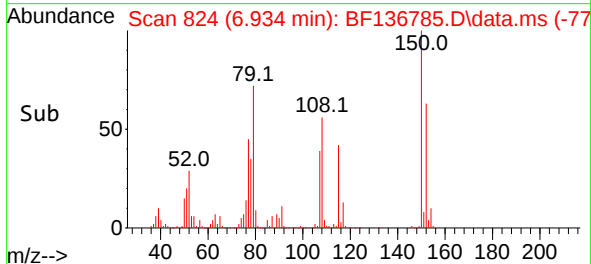
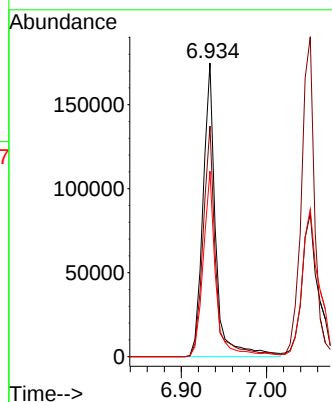
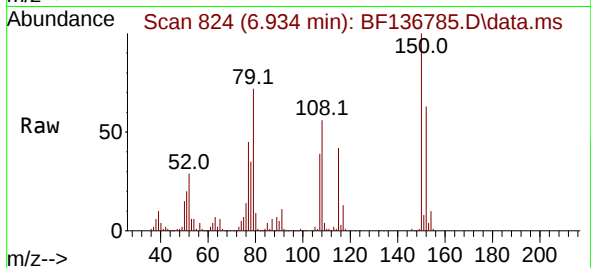




#15
Benzyl Alcohol
Concen: 39.863 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

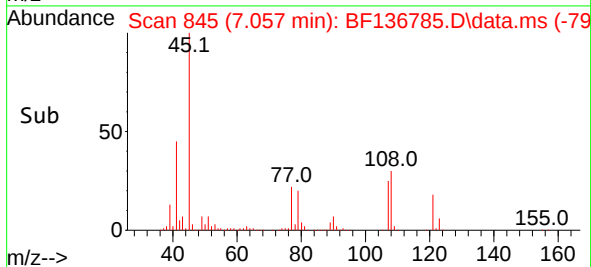
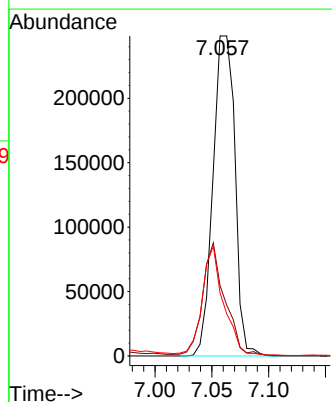
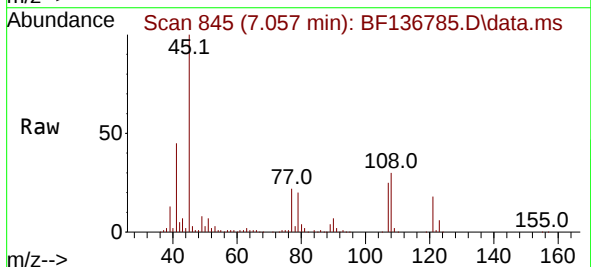
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

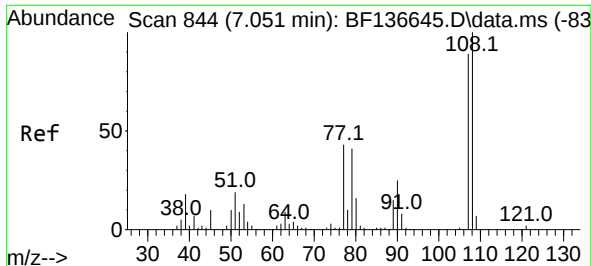
Tgt Ion: 79 Resp: 181351
Ion Ratio Lower Upper
79 100
108 78.6 61.0 91.6
77 63.2 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.341 ng
RT: 7.057 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 45 Resp: 334211
Ion Ratio Lower Upper
45 100
77 22.0 0.0 34.3
79 19.8 0.0 31.4

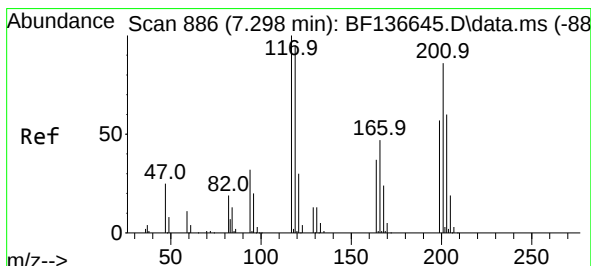
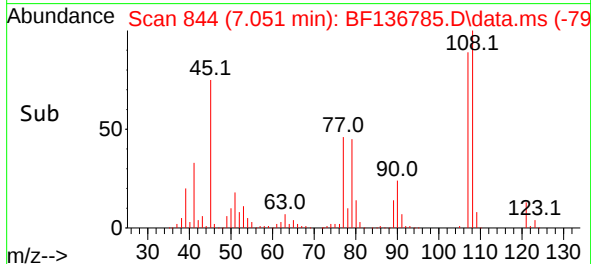
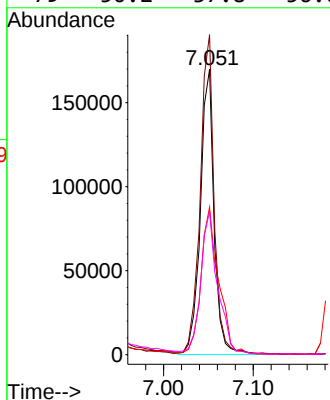
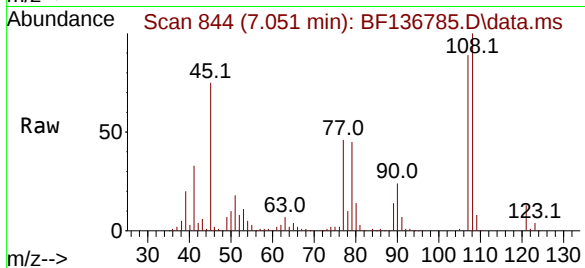




#17
2-Methylphenol
Concen: 38.433 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

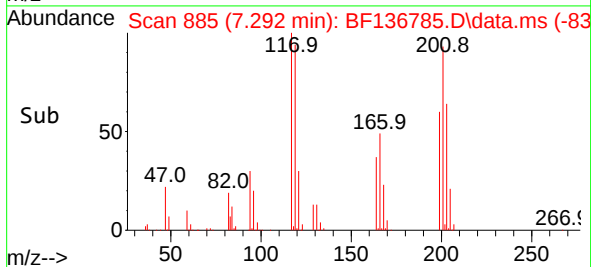
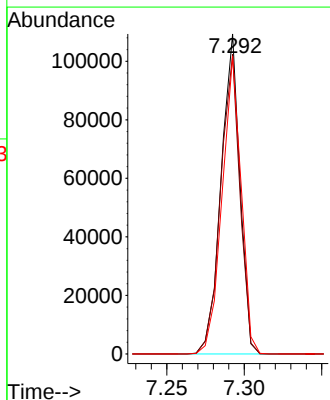
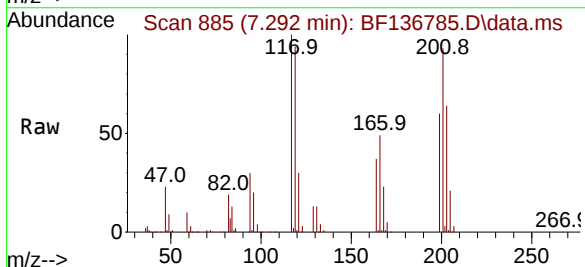
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

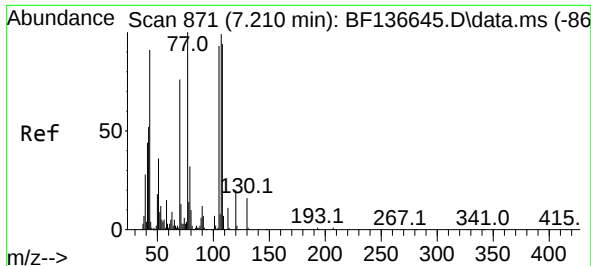
Tgt Ion:	107	Resp:	181329
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.3	135.5
77	51.7	38.7	58.1
79	50.2	37.8	56.6



#18
Hexachloroethane
Concen: 40.009 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:	117	Resp:	92237
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.6
201	93.0	69.1	103.7

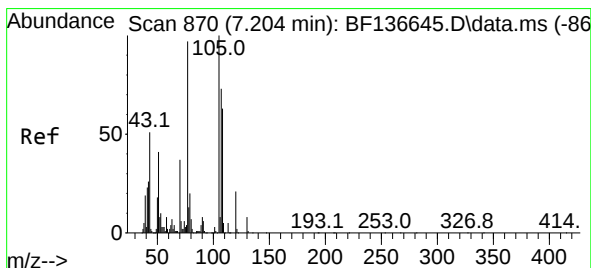
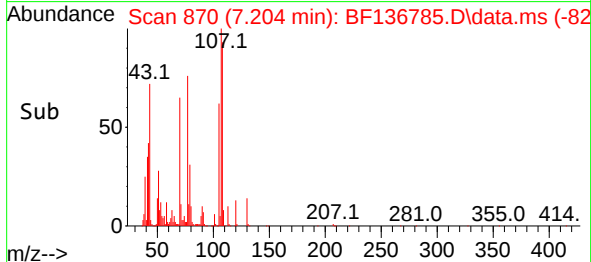
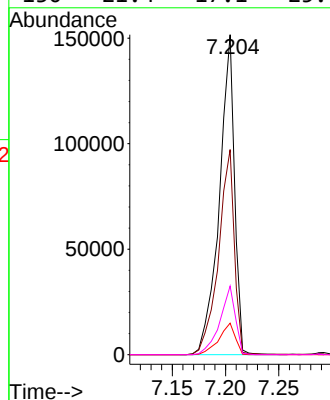
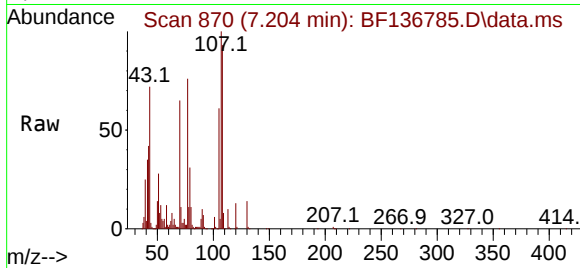




#19
n-Nitroso-di-n-propylamine
Concen: 36.760 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

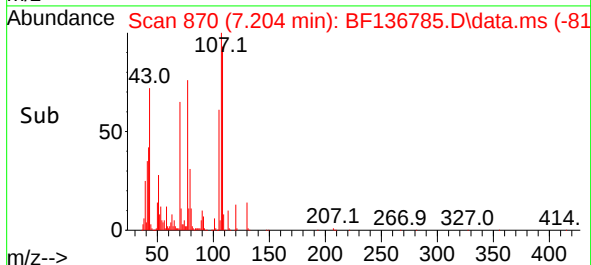
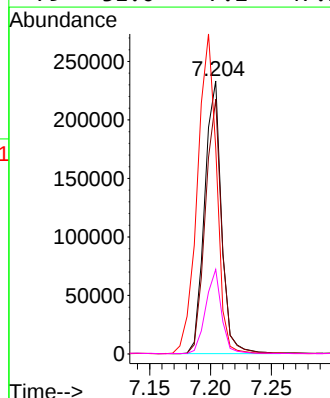
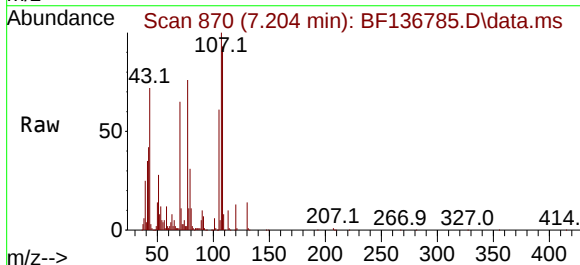
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 150266
Ion Ratio Lower Upper
70 100
42 64.1 54.2 81.4
101 9.9 7.6 11.4
130 21.4 17.1 25.7



#20
3+4-Methylphenols
Concen: 37.894 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:107 Resp: 223357
Ion Ratio Lower Upper
107 100
108 93.3 66.0 106.0
77 75.6 114.2 154.2#
79 31.0 7.2 47.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

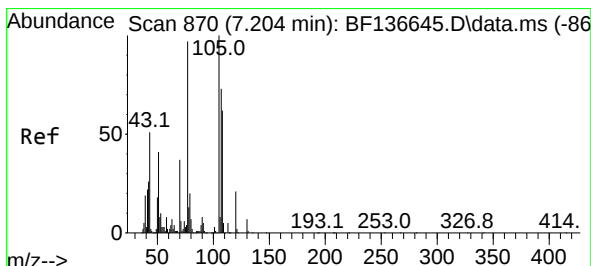
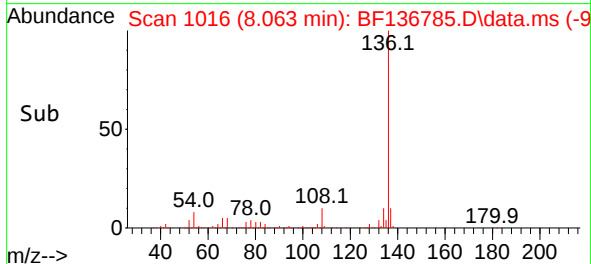
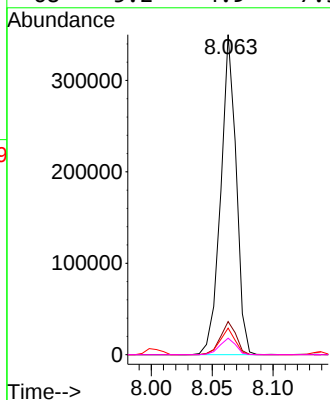
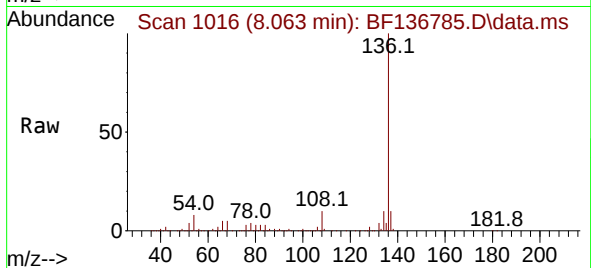
Instrument :

BNA_F

ClientSampleId :

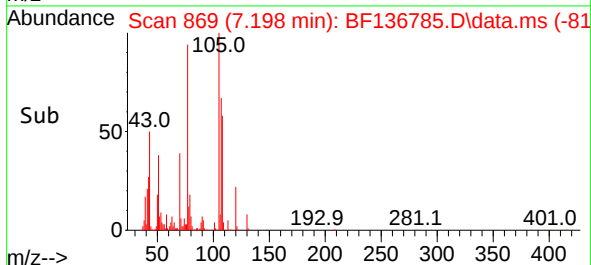
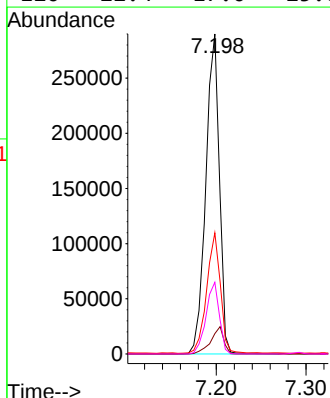
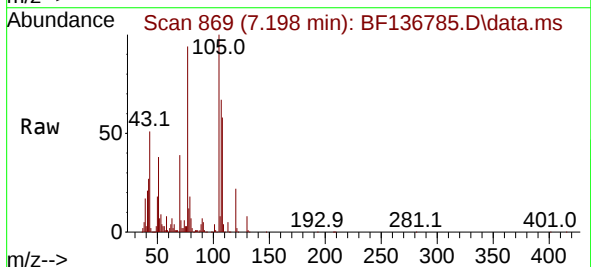
SSTDCCC040

Tgt Ion:136 Resp: 309429
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.4
54 8.3 7.2 10.8
68 5.2 4.9 7.3



#22
Acetophenone
Concen: 39.332 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:105 Resp: 305052
Ion Ratio Lower Upper
105 100
71 6.3 4.8 7.2
51 37.9 32.8 49.2
120 22.4 17.0 25.6

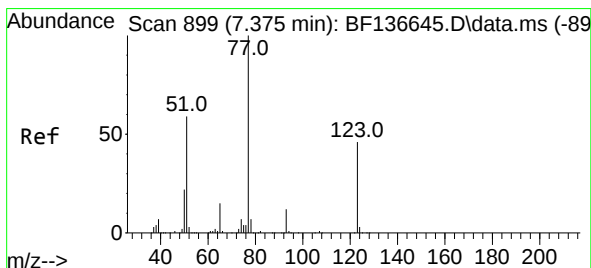
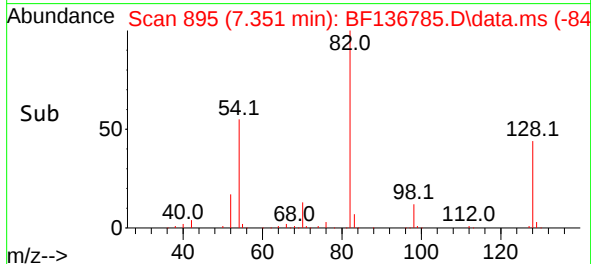
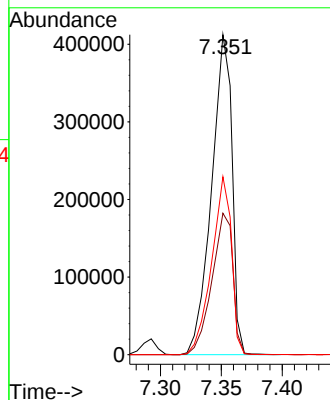
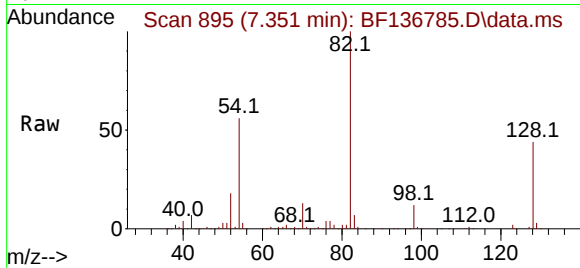




#23
 Nitrobenzene-d5
 Concen: 79.427 ng
 RT: 7.351 min Scan# 895
 Delta R.T. -0.006 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

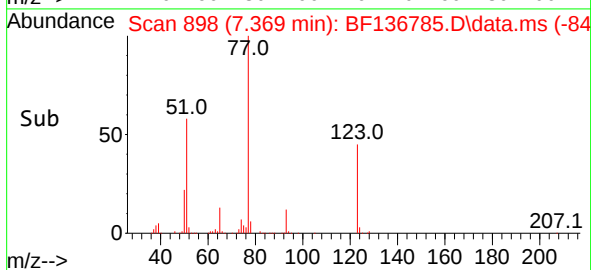
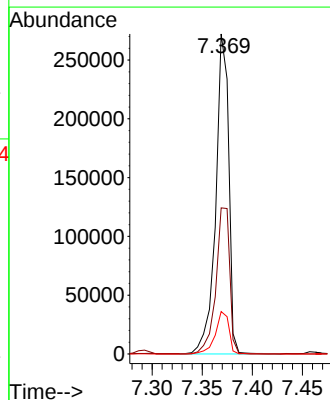
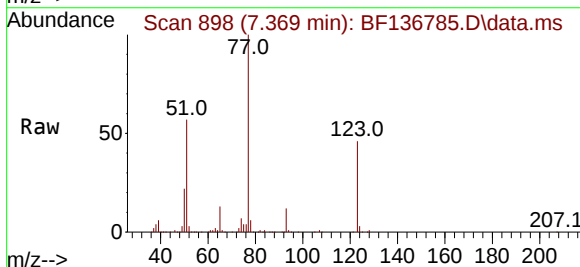
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 480292
 Ion Ratio Lower Upper
 82 100
 128 44.2 35.3 52.9
 54 55.6 44.5 66.7



#24
 Nitrobenzene
 Concen: 40.655 ng
 RT: 7.369 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

Tgt Ion: 77 Resp: 246267
 Ion Ratio Lower Upper
 77 100
 123 45.7 36.7 55.1
 65 13.3 11.8 17.6

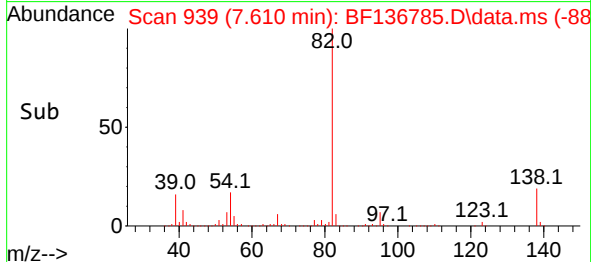
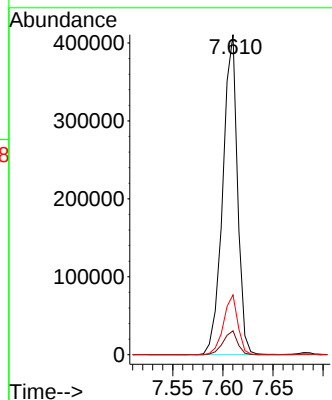
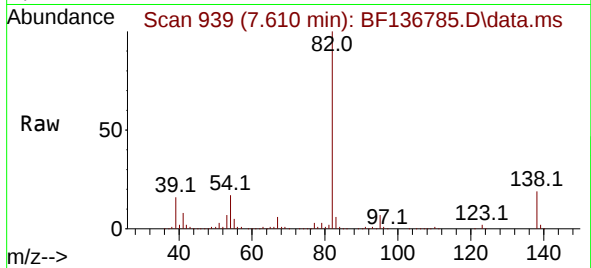




#25
Isophorone
Concen: 38.011 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

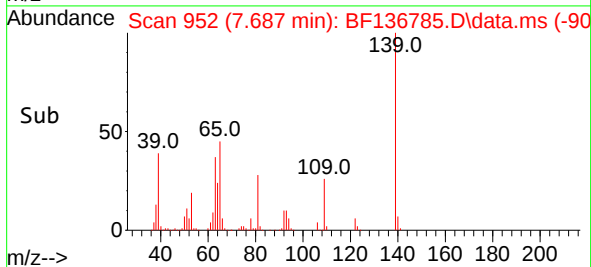
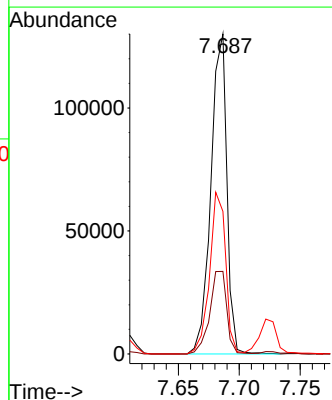
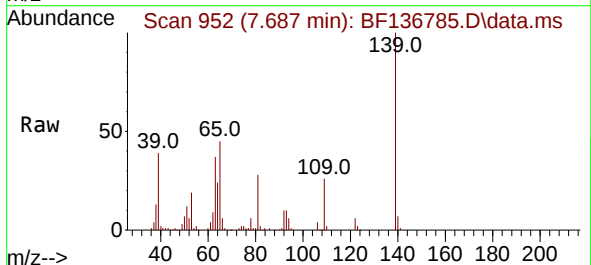
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

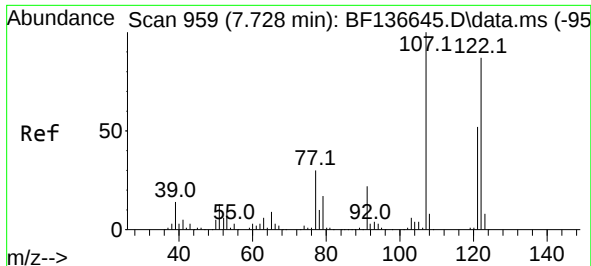
Tgt Ion: 82 Resp: 418234
Ion Ratio Lower Upper
82 100
95 7.5 5.5 8.3
138 18.7 14.5 21.7



#26
2-Nitrophenol
Concen: 40.818 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 139 Resp: 118296
Ion Ratio Lower Upper
139 100
109 25.8 21.9 32.9
65 44.5 38.6 58.0

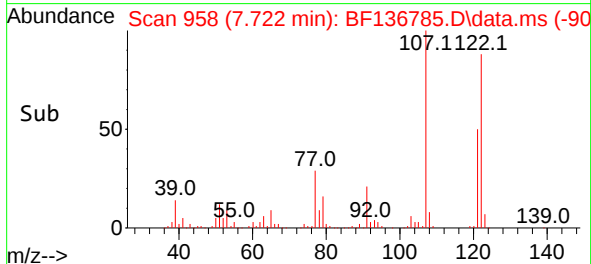
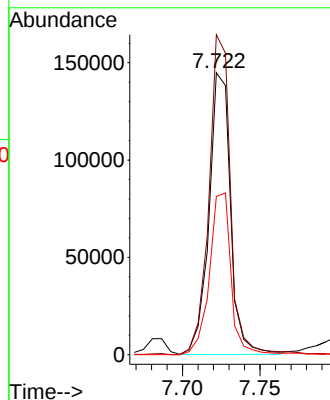
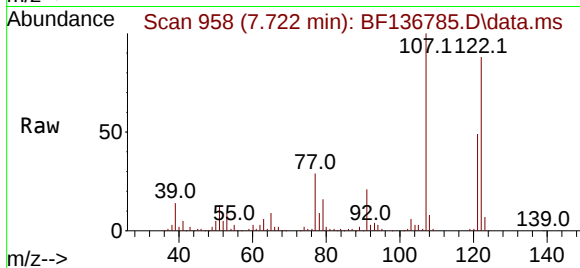




#27
2,4-Dimethylphenol
Concen: 39.631 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

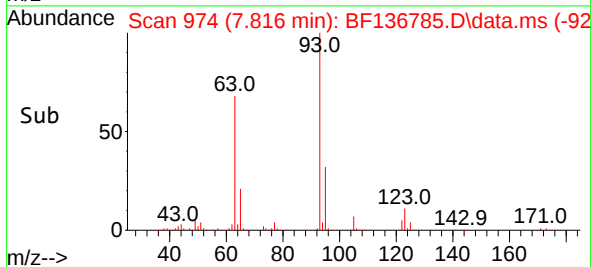
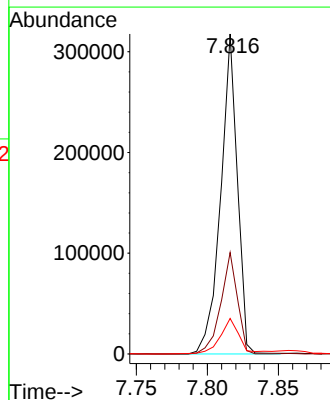
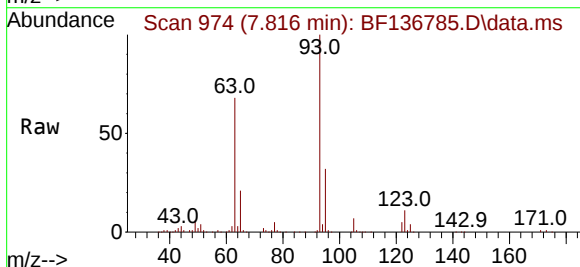
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 139833
Ion Ratio Lower Upper
122 100
107 113.5 92.0 138.0
121 56.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.779 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion: 93 Resp: 259364
Ion Ratio Lower Upper
93 100
95 31.7 25.5 38.3
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 39.789 ng

RT: 7.928 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

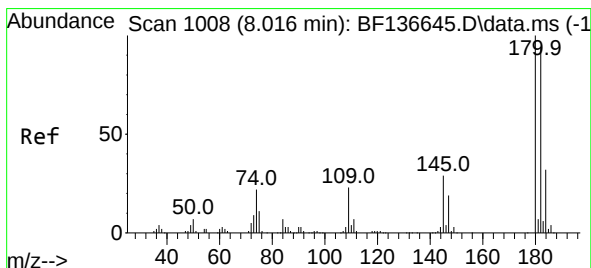
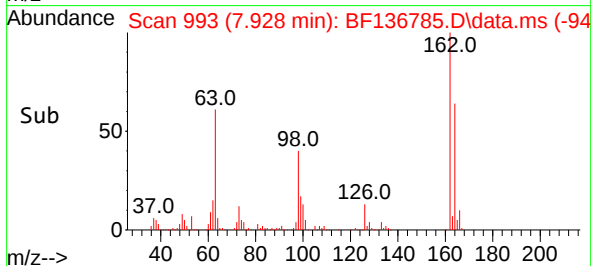
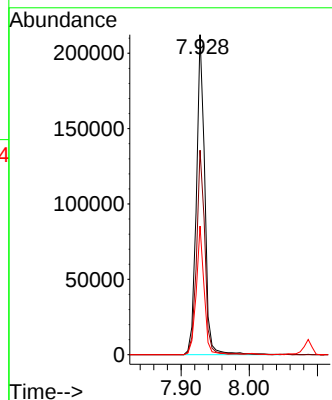
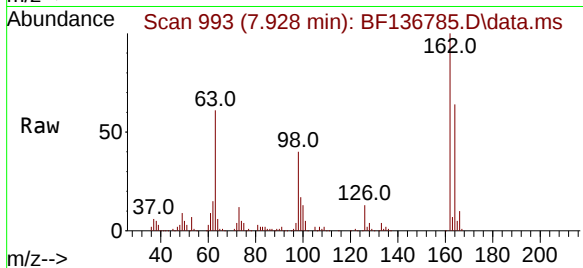
Tgt Ion:162 Resp: 180737

Ion Ratio Lower Upper

162 100

164 63.9 41.7 81.7

98 40.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 40.670 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

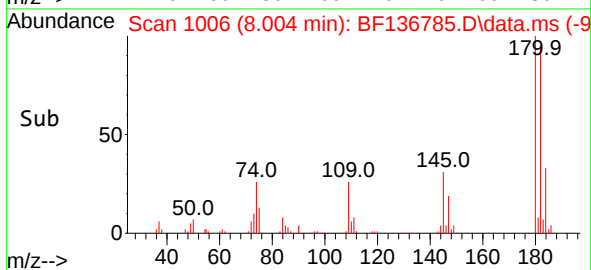
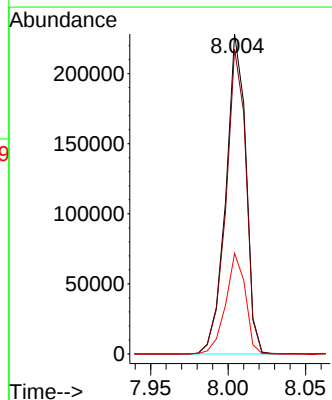
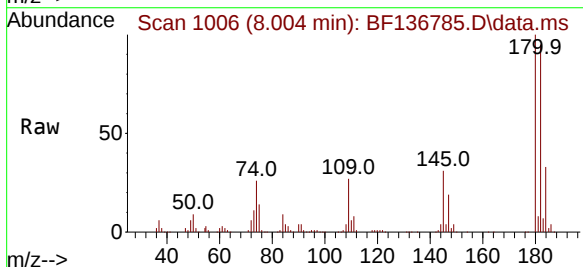
Tgt Ion:180 Resp: 205834

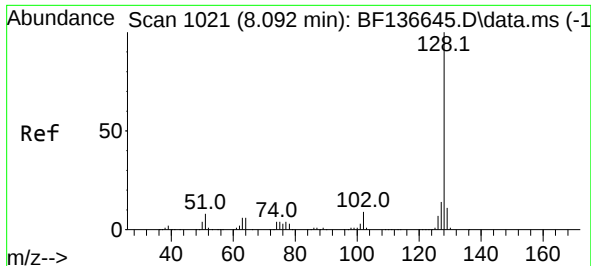
Ion Ratio Lower Upper

180 100

182 95.3 75.4 113.0

145 31.5 23.1 34.7

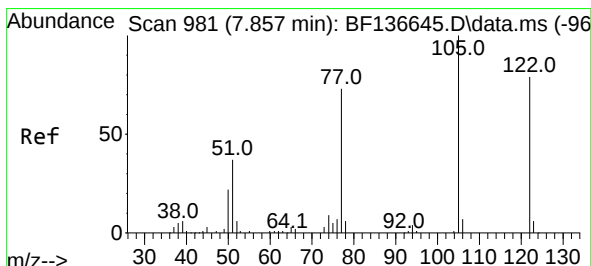
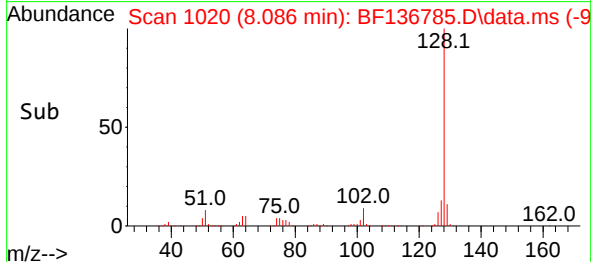
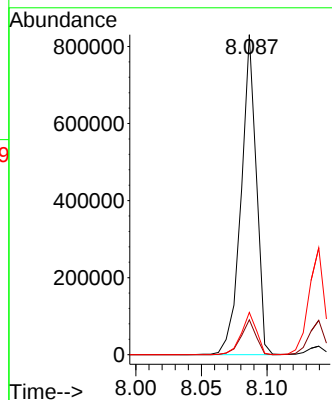
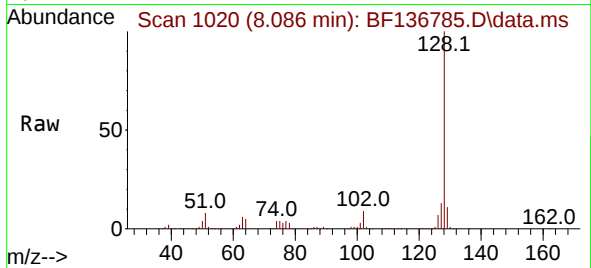




#31
Naphthalene
Concen: 39.487 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

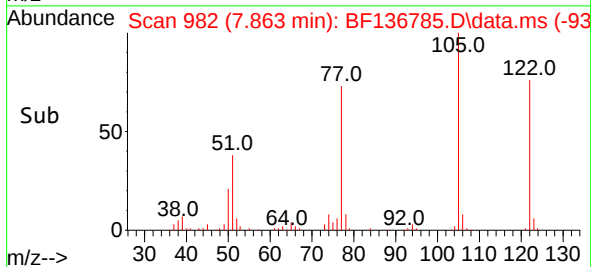
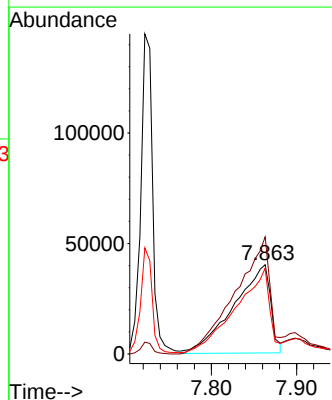
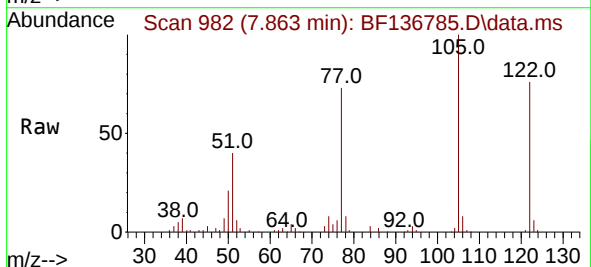
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

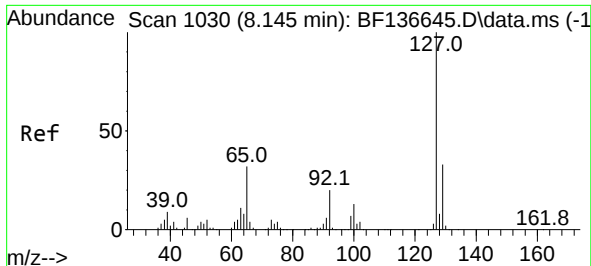
Tgt Ion:128 Resp: 671245
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 35.289 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:122 Resp: 120474
Ion Ratio Lower Upper
122 100
105 131.2 100.8 140.8
77 96.0 70.9 110.9

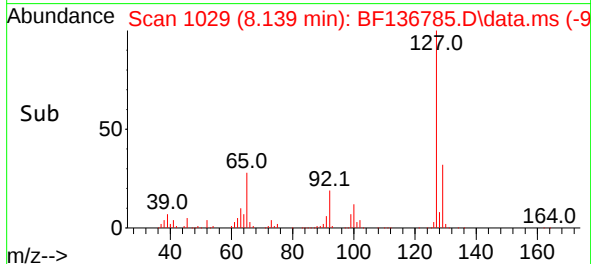
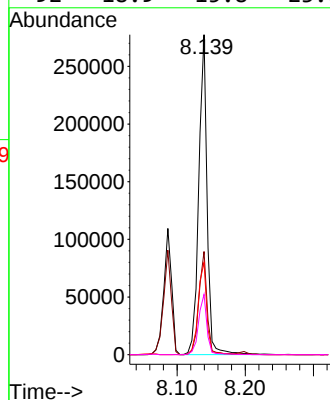
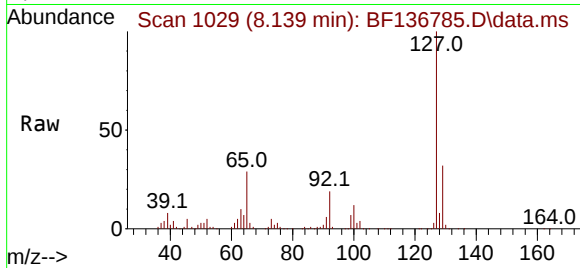




#33
4-Chloroaniline
Concen: 37.634 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

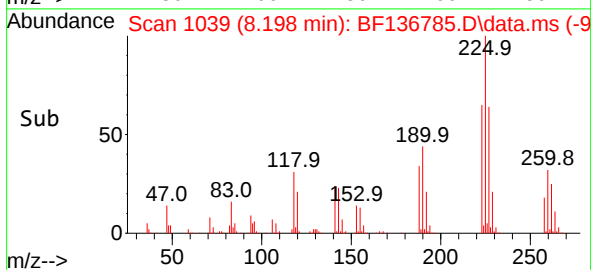
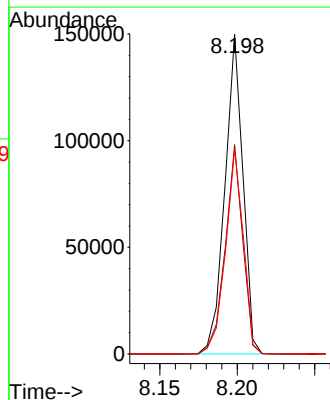
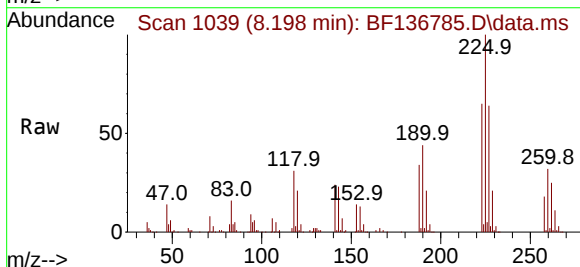
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

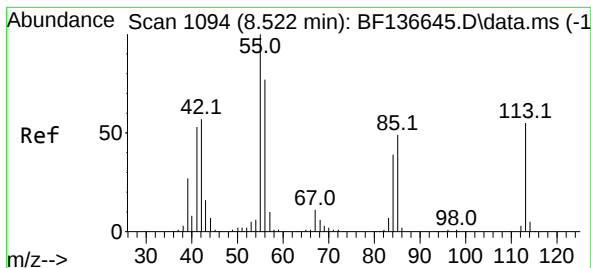
Tgt Ion:	127	Resp:	236207
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	28.8	25.8	38.8
92	18.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 39.448 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:	225	Resp:	121301
Ion	Ratio	Lower	Upper
225	100		
223	65.4	50.6	76.0
227	64.1	51.9	77.9





#35

Caprolactam

Concen: 35.787 ng

RT: 8.522 min Scan# 1094

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

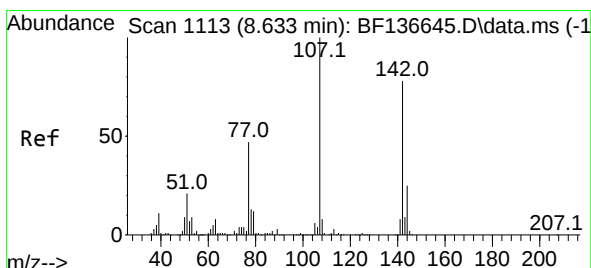
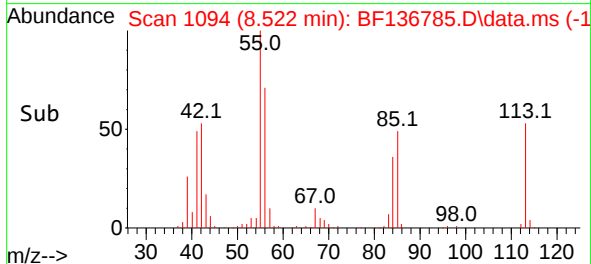
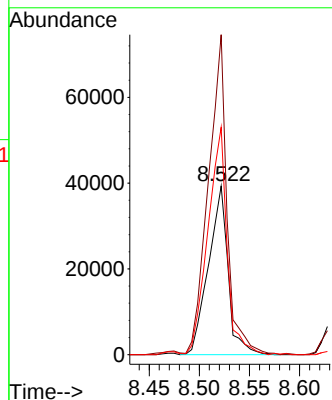
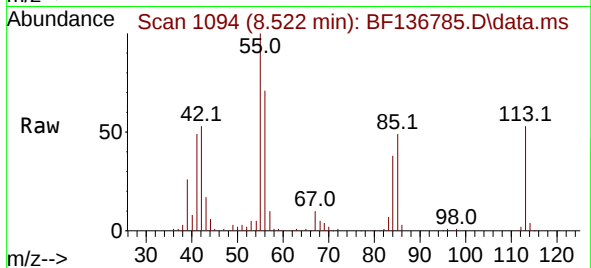
Tgt Ion:113 Resp: 53628

Ion Ratio Lower Upper

113 100

55 189.7 163.1 203.1

56 134.8 121.7 161.7



#36

4-Chloro-3-methylphenol

Concen: 37.749 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

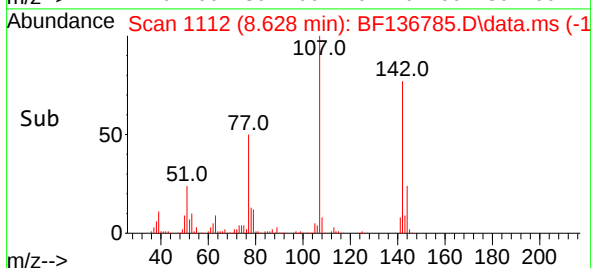
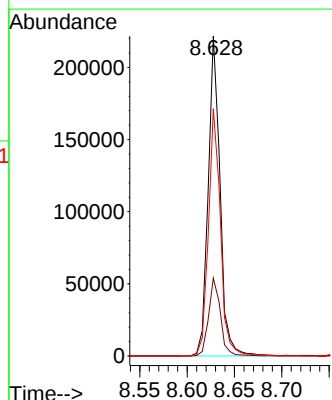
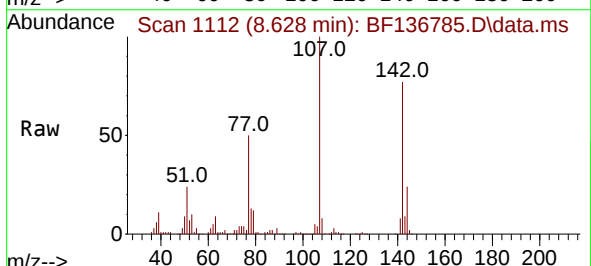
Tgt Ion:107 Resp: 193040

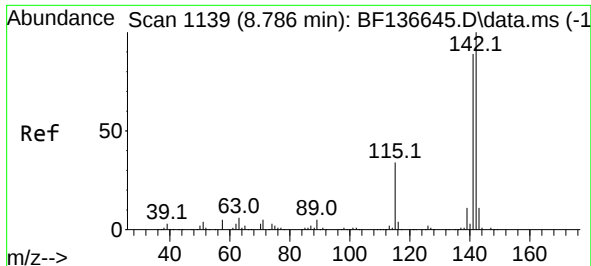
Ion Ratio Lower Upper

107 100

144 24.4 20.2 30.2

142 77.3 62.3 93.5





#37

2-Methylnaphthalene

Concen: 38.253 ng

RT: 8.775 min Scan# 1137

Delta R.T. -0.012 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

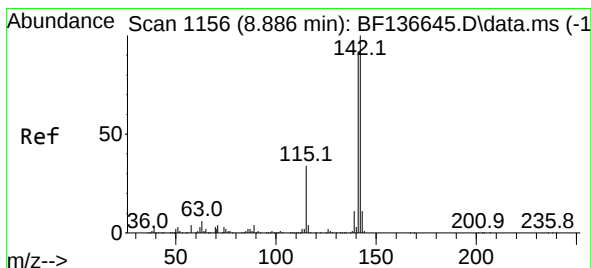
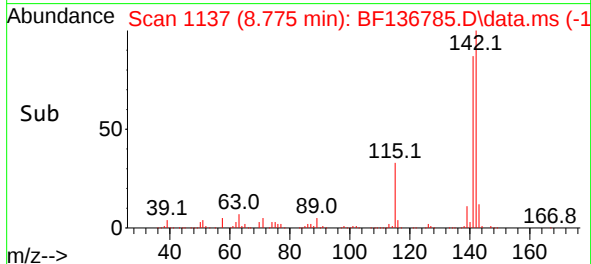
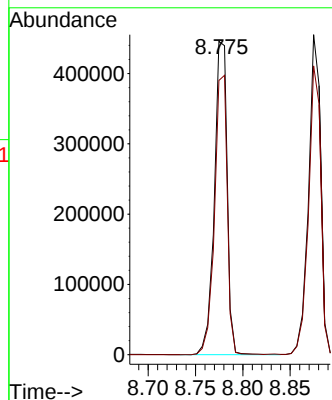
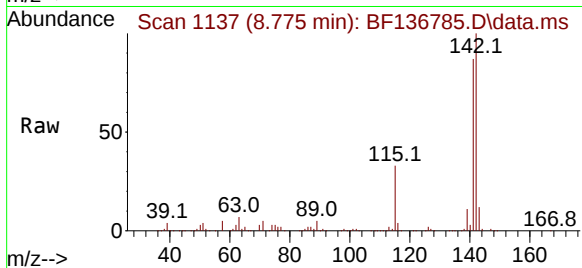
SSTDCCC040

Tgt Ion:142 Resp: 418498

Ion Ratio Lower Upper

142 100

141 87.5 71.1 106.7



#38

1-Methylnaphthalene

Concen: 38.227 ng

RT: 8.875 min Scan# 1154

Delta R.T. -0.012 min

Lab File: BF136785.D

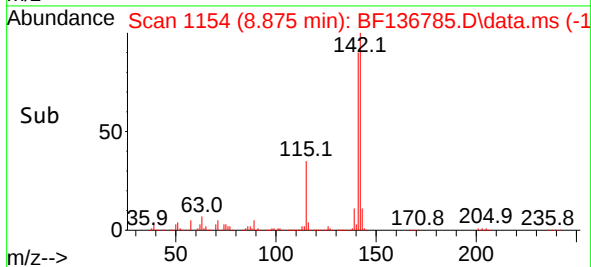
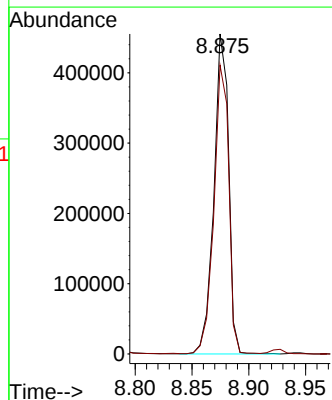
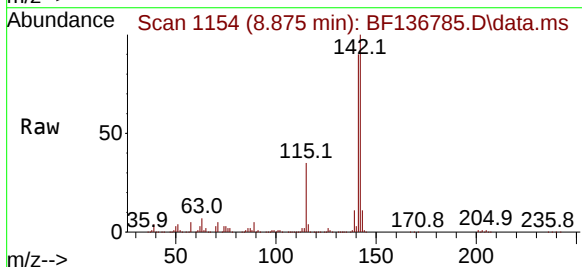
Acq: 28 Dec 2023 10:07

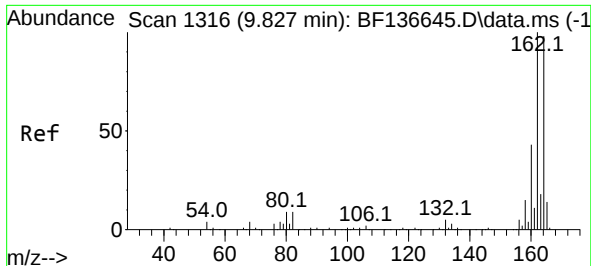
Tgt Ion:142 Resp: 410299

Ion Ratio Lower Upper

142 100

141 90.2 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

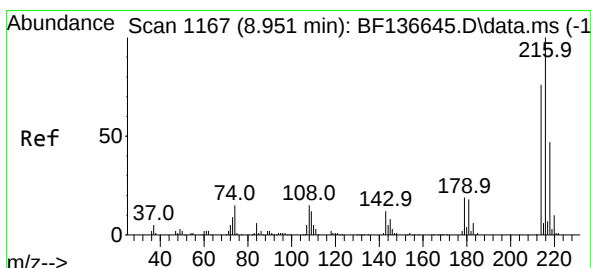
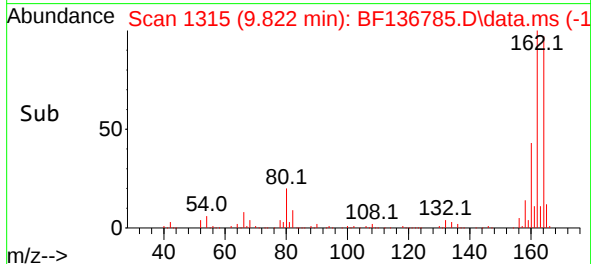
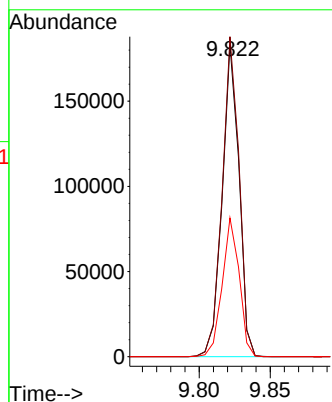
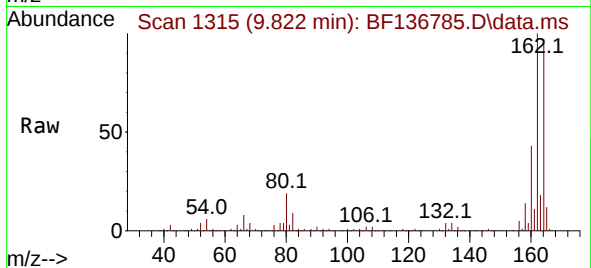
Tgt Ion:164 Resp: 150313

Ion Ratio Lower Upper

164 100

162 102.6 81.6 122.4

160 44.5 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.901 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Tgt Ion:216 Resp: 195054

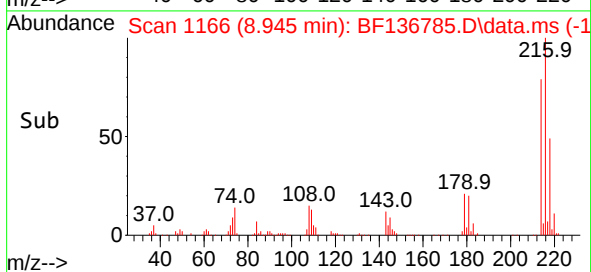
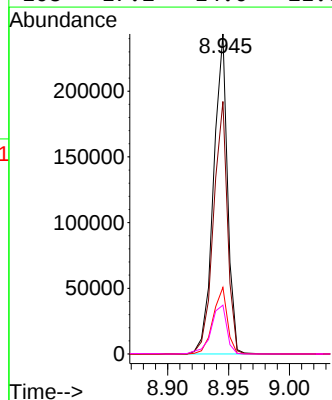
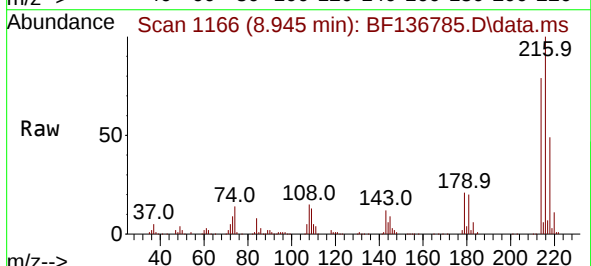
Ion Ratio Lower Upper

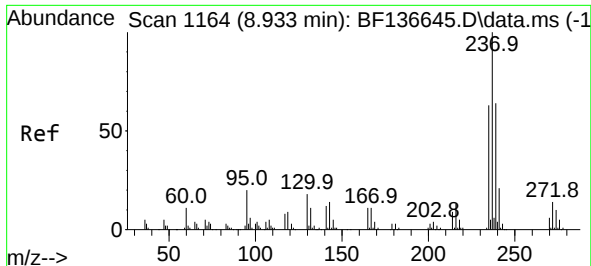
216 100

214 78.8 62.3 93.5

179 21.0 16.4 24.6

108 17.2 14.0 21.0

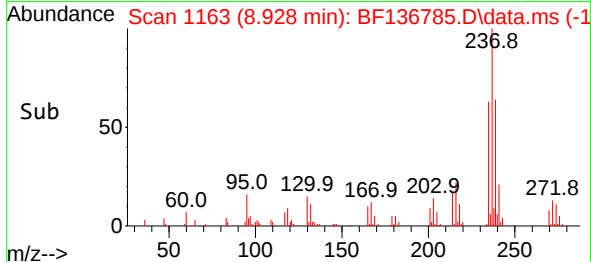
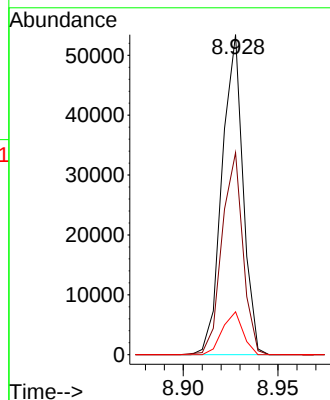
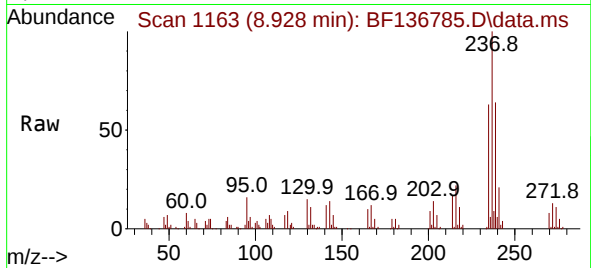




#41
Hexachlorocyclopentadiene
Concen: 30.964 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

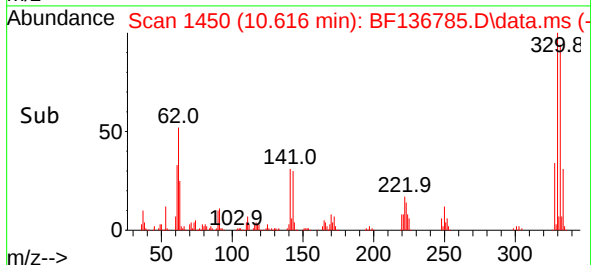
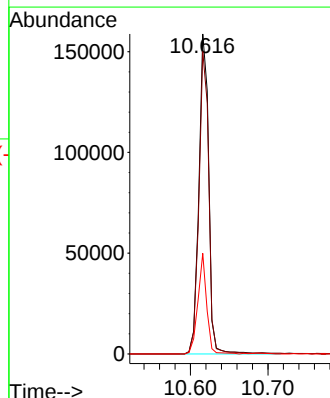
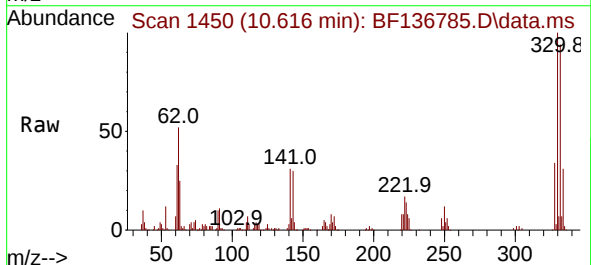
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:237 Resp: 41211
Ion Ratio Lower Upper
237 100
235 63.1 43.2 83.2
272 13.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 79.143 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:330 Resp: 140105
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 28.0 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 42.257 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

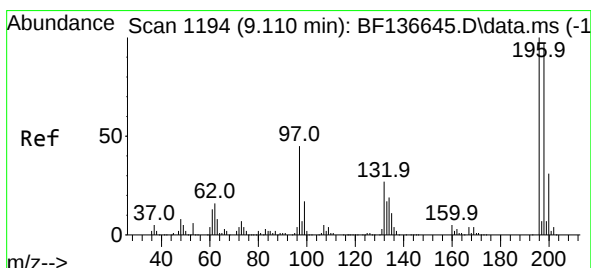
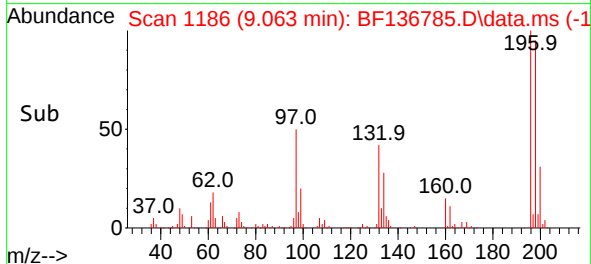
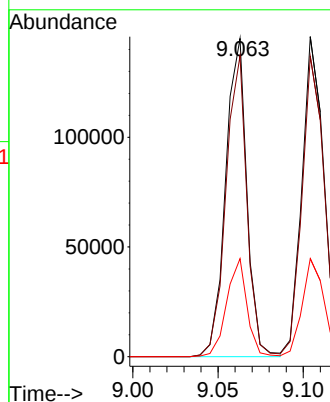
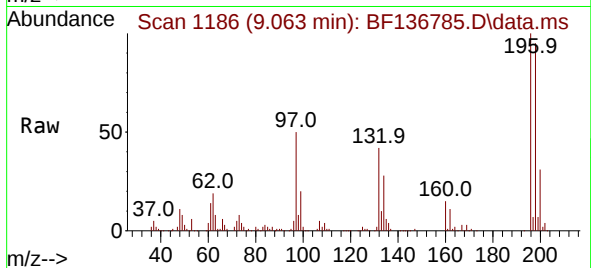
Tgt Ion:196 Resp: 126156

Ion Ratio Lower Upper

196 100

198 94.6 75.1 112.7

200 30.8 22.5 33.7



#44

2,4,5-Trichlorophenol

Concen: 41.423 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Tgt Ion:196 Resp: 137806

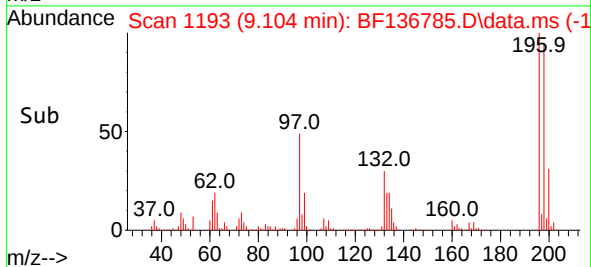
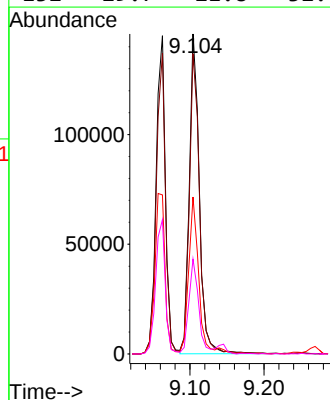
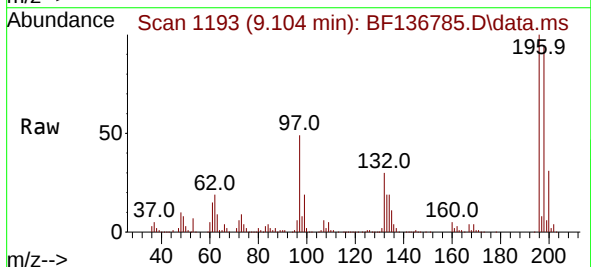
Ion Ratio Lower Upper

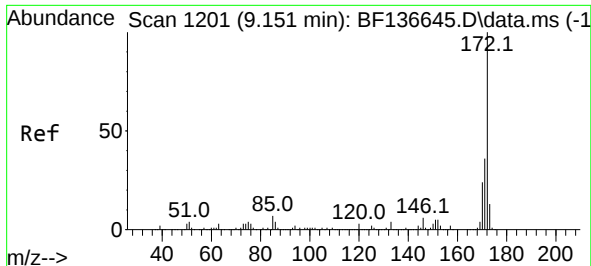
196 100

198 93.9 77.0 115.6

97 49.1 36.1 54.1

132 29.7 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 80.411 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

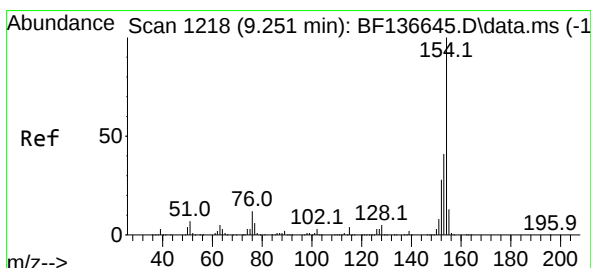
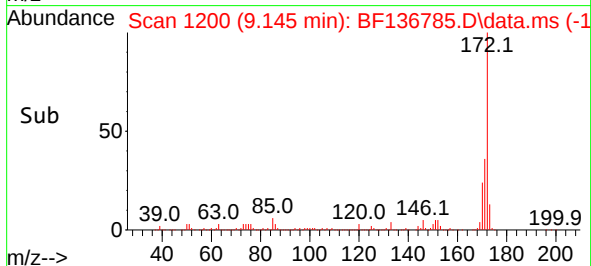
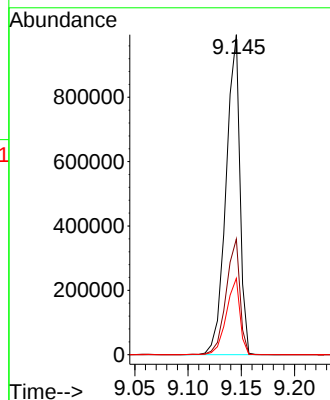
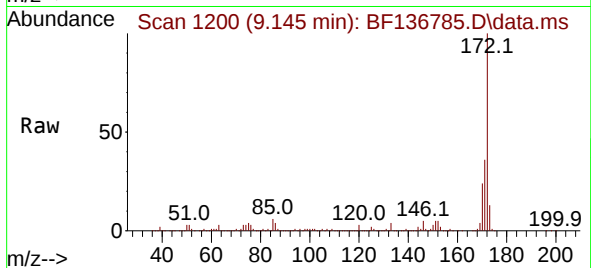
Tgt Ion:172 Resp: 898663

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.972 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

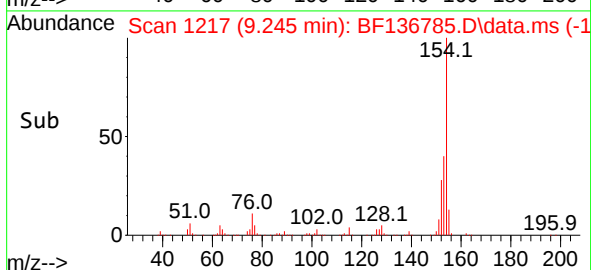
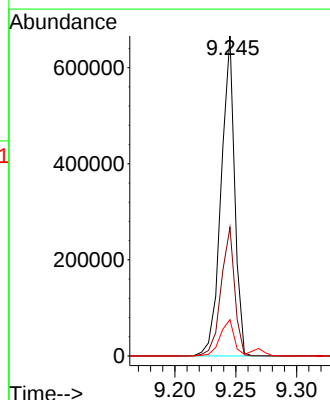
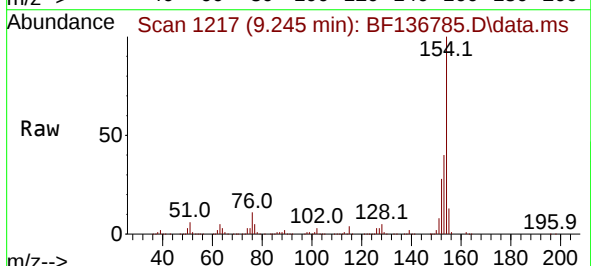
Tgt Ion:154 Resp: 516805

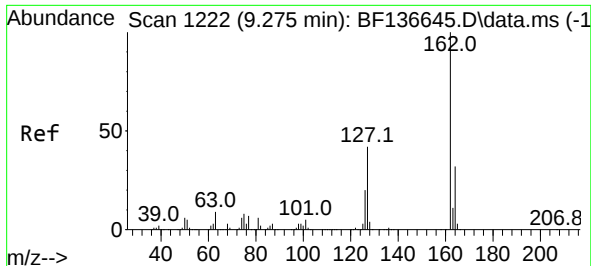
Ion Ratio Lower Upper

154 100

153 40.2 21.1 61.1

76 11.4 0.0 31.7





#47

2-Chloronaphthalene

Concen: 41.450 ng

RT: 9.269 min Scan# 1222

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

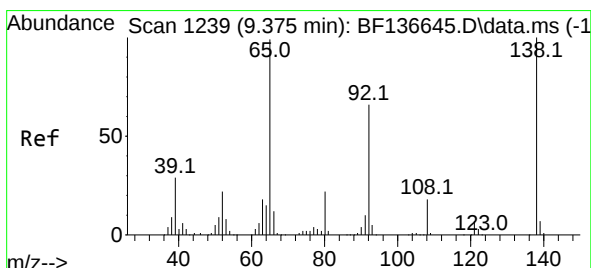
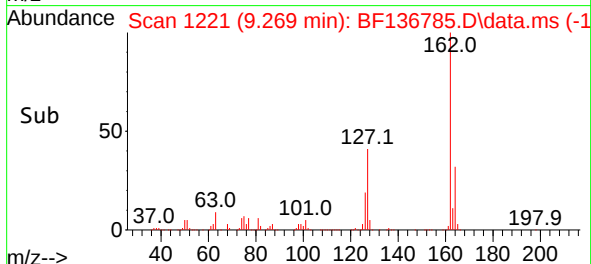
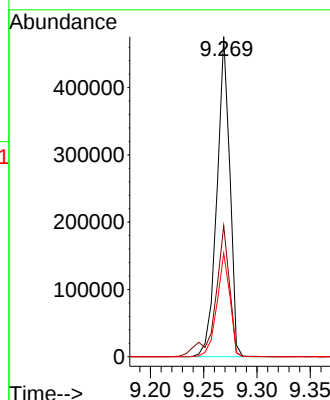
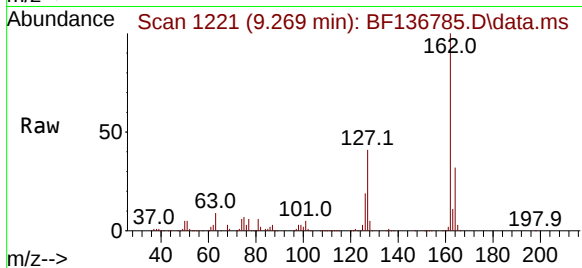
Tgt Ion:162 Resp: 397460

Ion Ratio Lower Upper

162 100

127 40.9 33.6 50.4

164 32.3 25.7 38.5



#48

2-Nitroaniline

Concen: 40.244 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

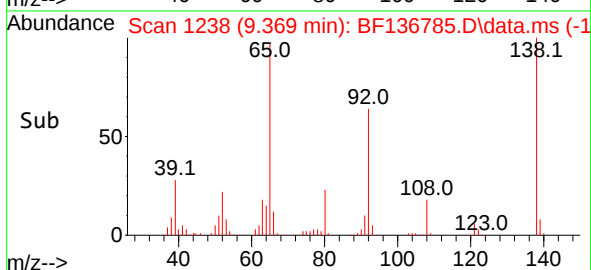
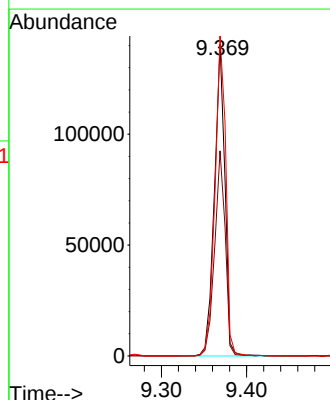
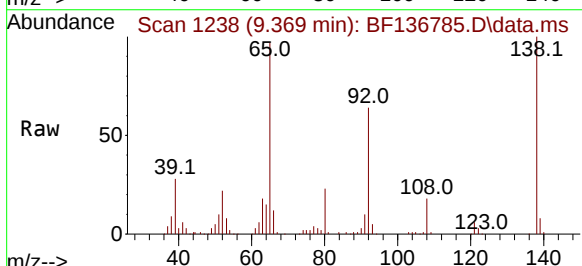
Tgt Ion: 65 Resp: 120843

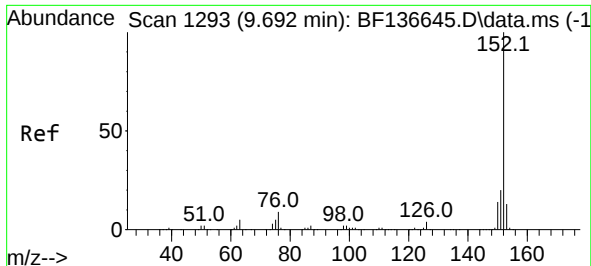
Ion Ratio Lower Upper

65 100

92 65.8 53.2 79.8

138 102.6 81.1 121.7

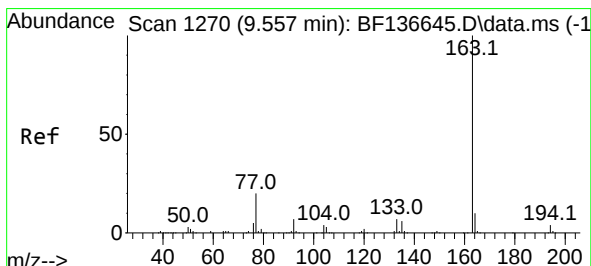
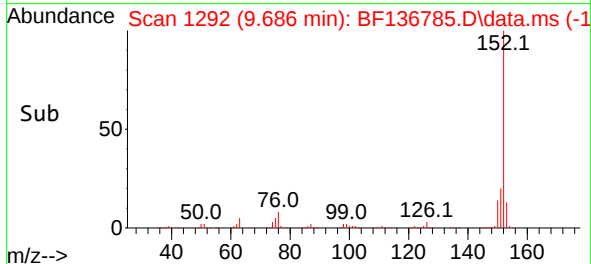
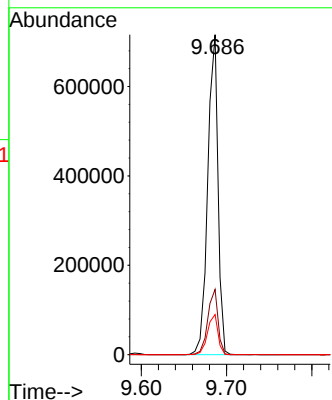
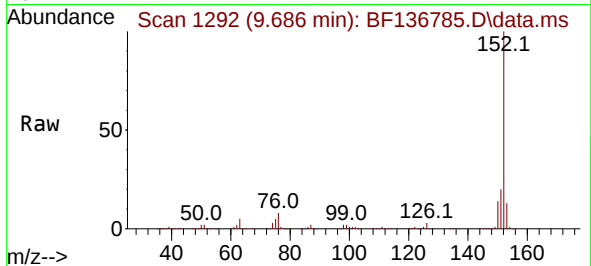




#49
Acenaphthylene
Concen: 40.767 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

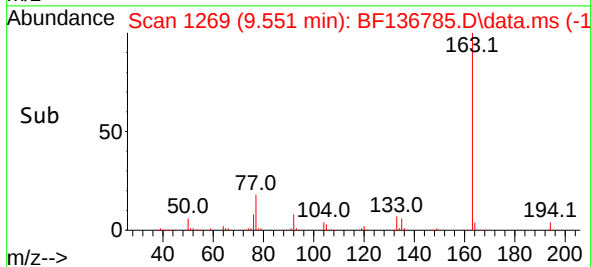
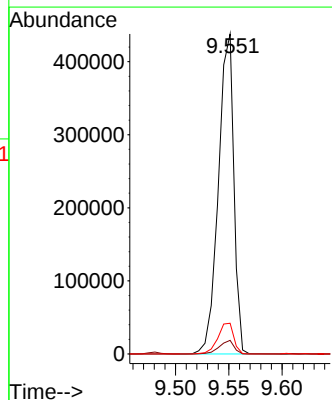
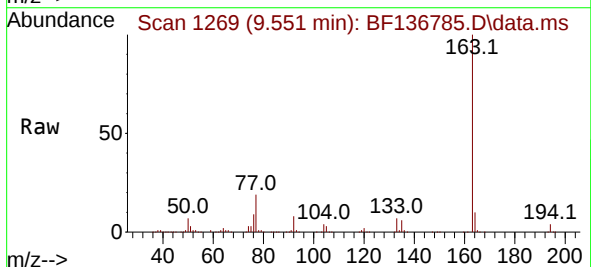
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

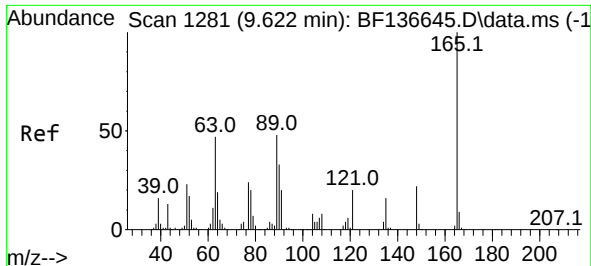
Tgt Ion:152 Resp: 597505
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 12.6 10.2 15.2



#50
Dimethylphthalate
Concen: 40.104 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:163 Resp: 440316
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.6 7.8 11.6

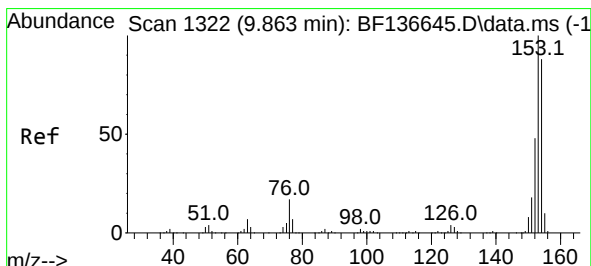
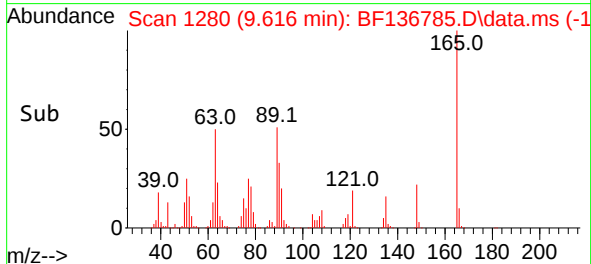
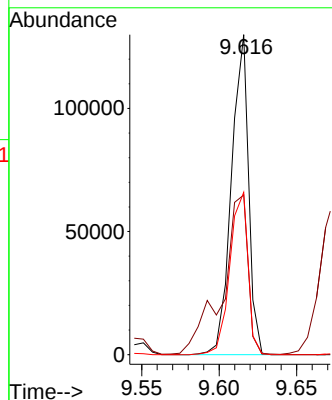
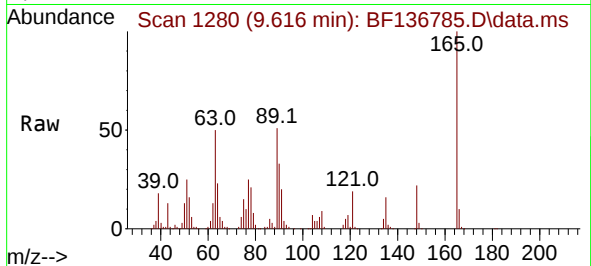




#51
2,6-Dinitrotoluene
Concen: 40.082 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

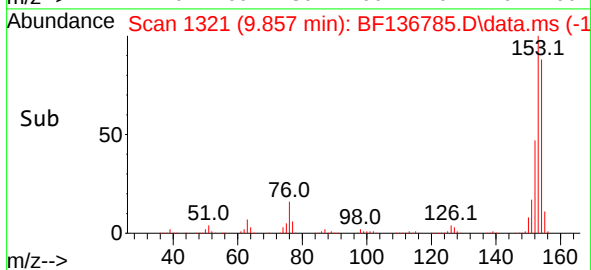
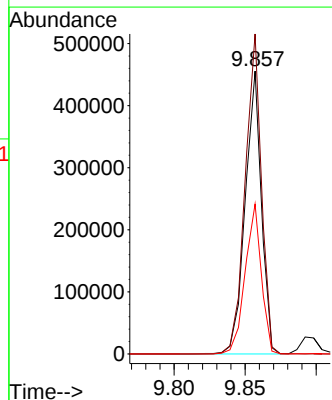
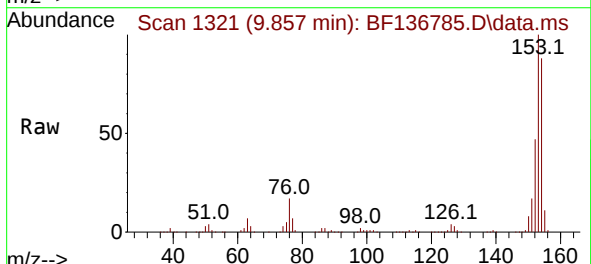
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

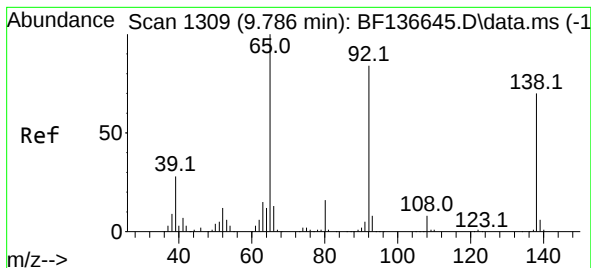
Tgt Ion:165 Resp: 99875
Ion Ratio Lower Upper
165 100
63 49.9 39.8 59.6
89 50.8 38.8 58.2



#52
Acenaphthene
Concen: 39.922 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:154 Resp: 362709
Ion Ratio Lower Upper
154 100
153 113.1 90.7 136.1
152 53.0 43.7 65.5





#53

3-Nitroaniline

Concen: 38.753 ng

RT: 9.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

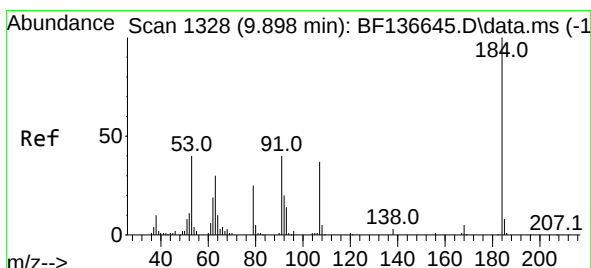
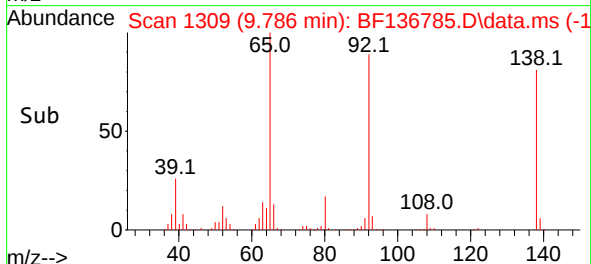
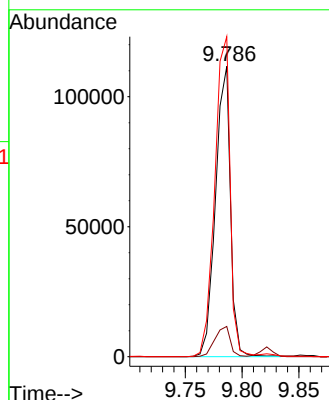
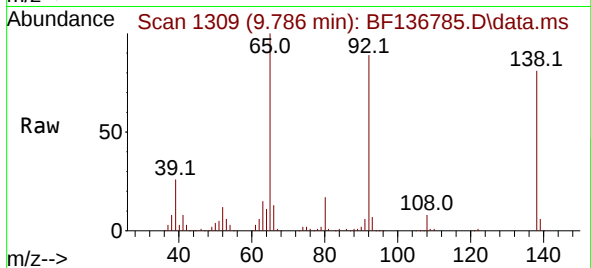
Tgt Ion:138 Resp: 102290

Ion Ratio Lower Upper

138 100

108 10.4 8.6 12.8

92 110.3 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 35.649 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

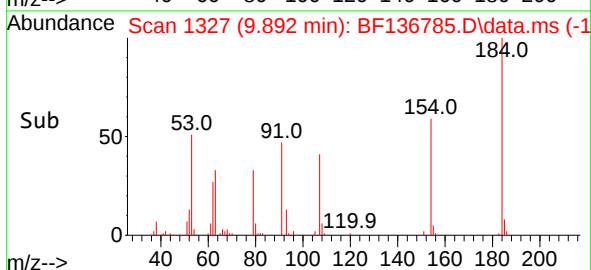
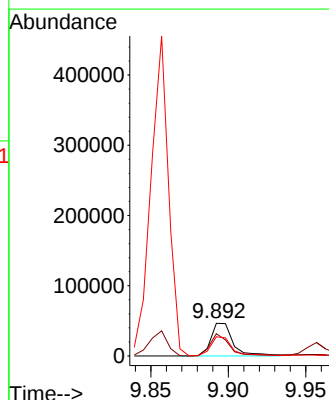
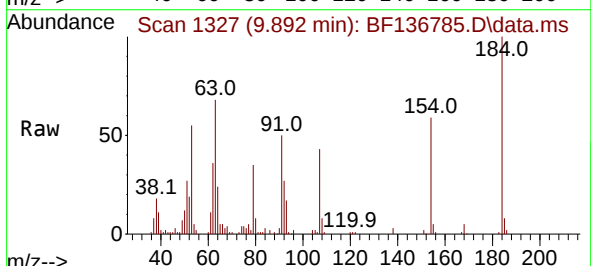
Tgt Ion:184 Resp: 46231

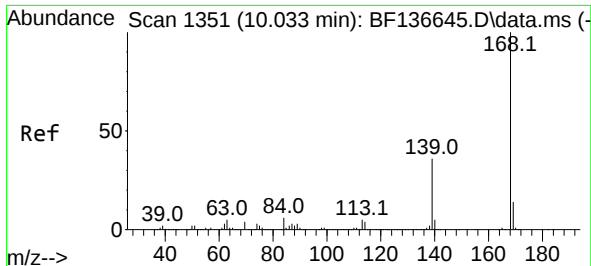
Ion Ratio Lower Upper

184 100

63 68.0 40.9 61.3#

154 58.7 42.7 64.1

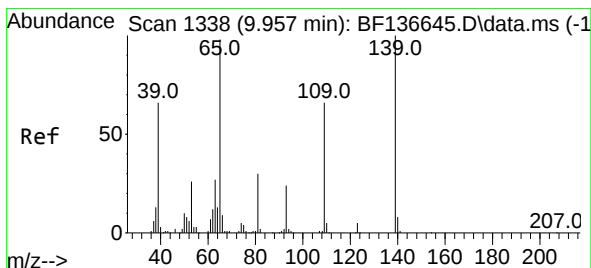
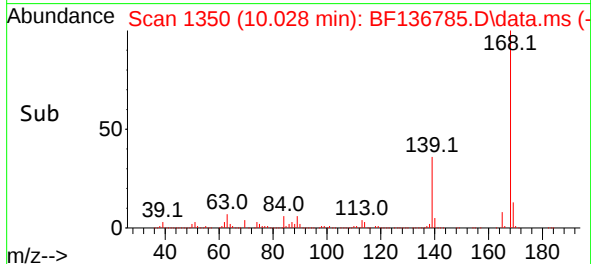
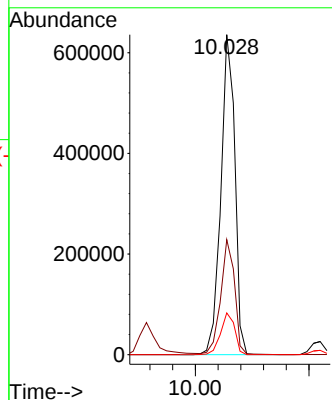
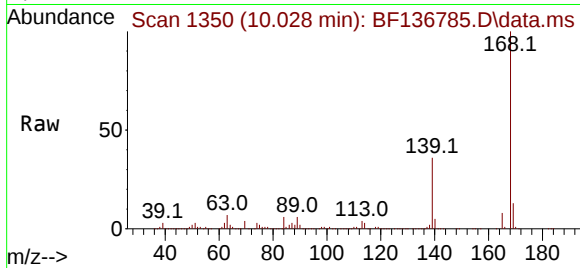




#55
Dibenzenofuran
Concen: 39.616 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

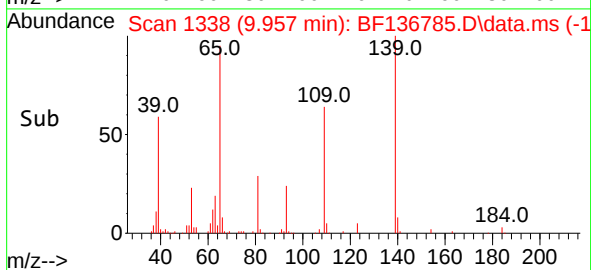
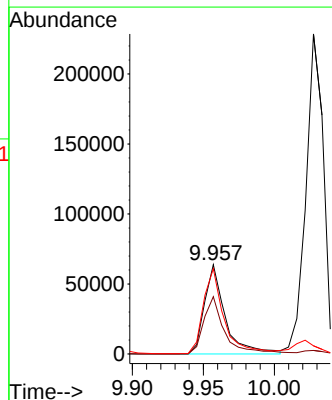
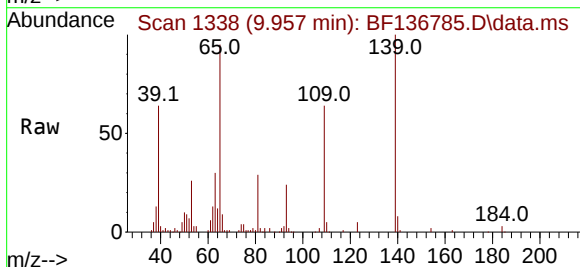
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

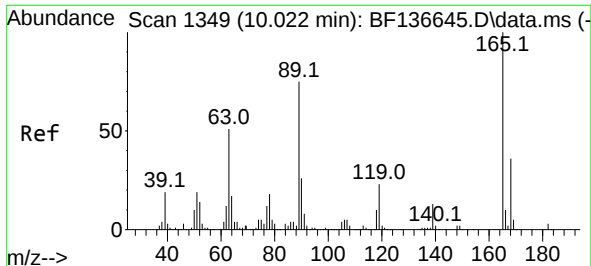
Tgt Ion:168 Resp: 545595
Ion Ratio Lower Upper
168 100
139 36.0 29.3 43.9
169 13.1 11.0 16.4



#56
4-Nitrophenol
Concen: 36.554 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:139 Resp: 65134
Ion Ratio Lower Upper
139 100
109 64.1 45.8 85.8
65 95.5 77.8 117.8

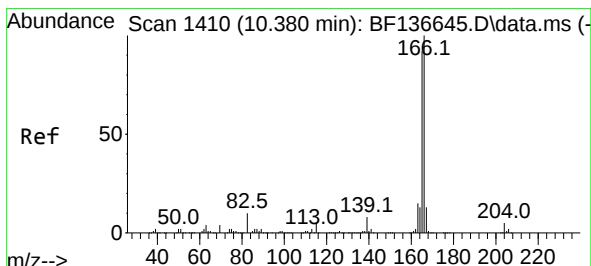
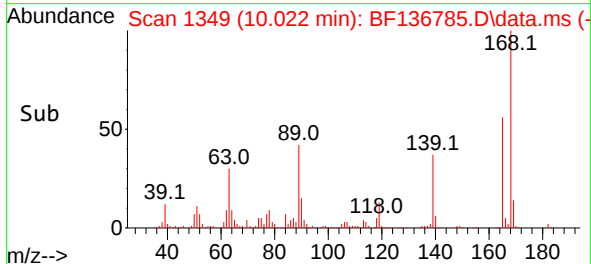
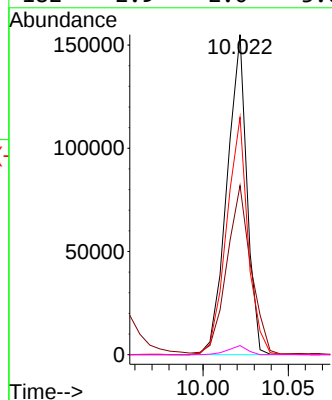
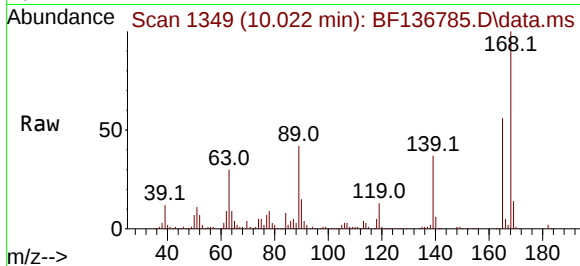




#57
2,4-Dinitrotoluene
Concen: 38.959 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

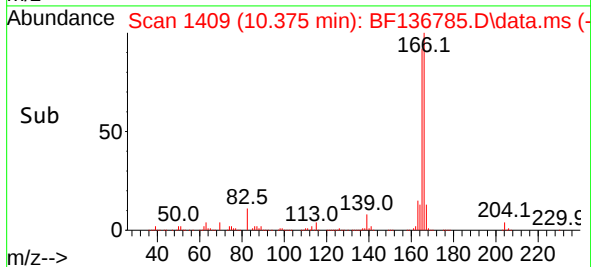
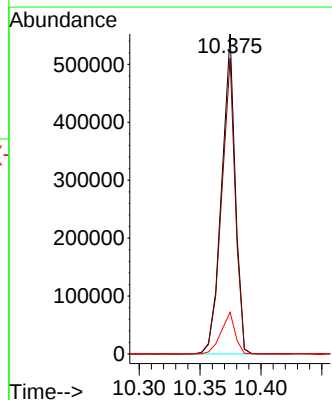
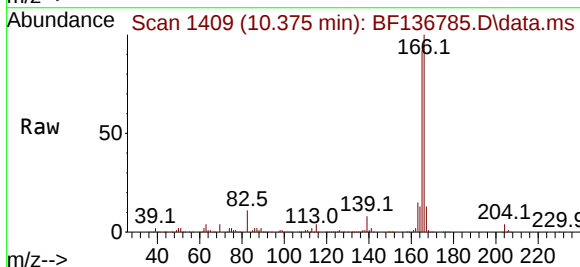
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:165 Resp: 126023
Ion Ratio Lower Upper
165 100
63 52.8 41.0 61.6
89 74.2 59.9 89.9
182 2.9 2.0 3.0



#58
Fluorene
Concen: 39.522 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:166 Resp: 431888
Ion Ratio Lower Upper
166 100
165 92.4 73.7 110.5
167 13.1 10.4 15.6

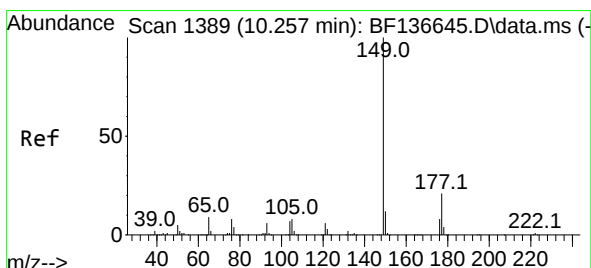
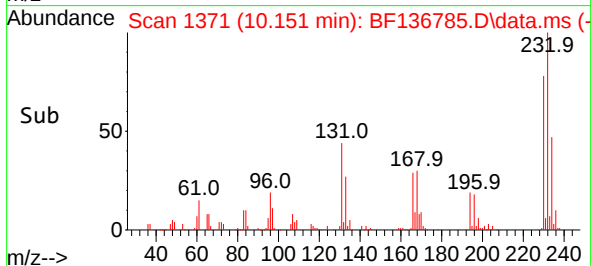
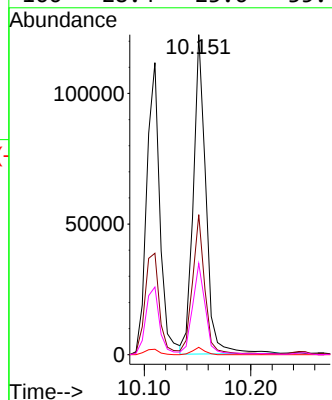
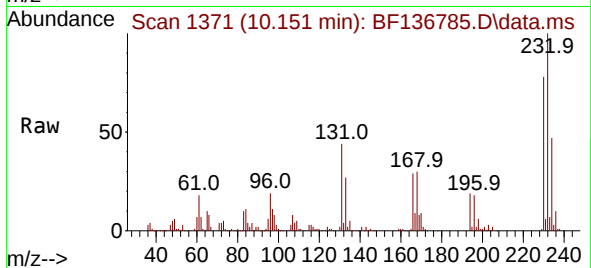




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.131 ng
RT: 10.151 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

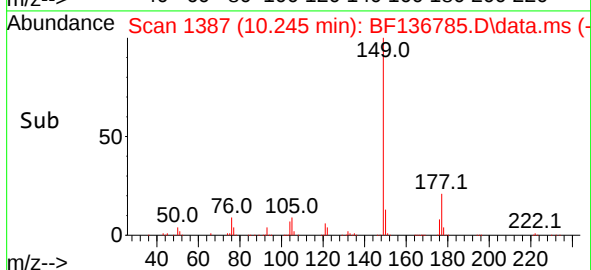
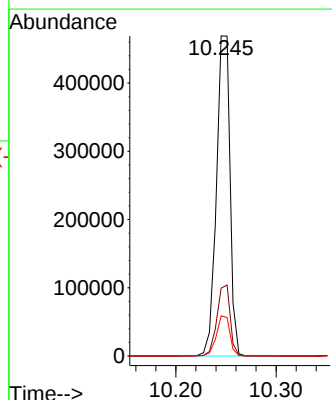
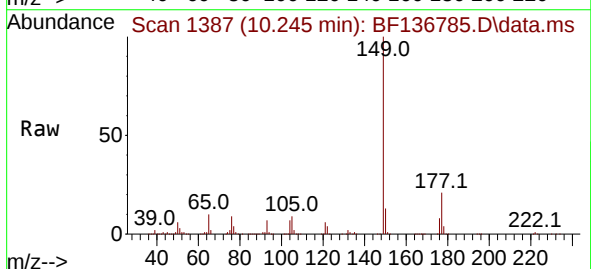
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

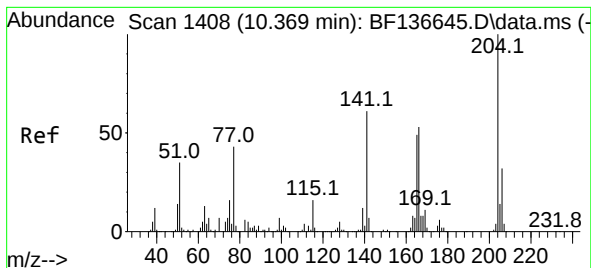
Tgt Ion:232 Resp: 100211
Ion Ratio Lower Upper
232 100
131 41.5 35.1 52.7
130 2.2 1.6 2.4
166 28.4 23.6 35.4



#60
Diethylphthalate
Concen: 38.764 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:149 Resp: 441581
Ion Ratio Lower Upper
149 100
177 21.2 16.9 25.3
150 12.5 9.3 13.9

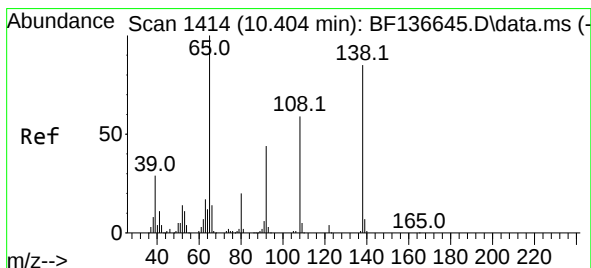
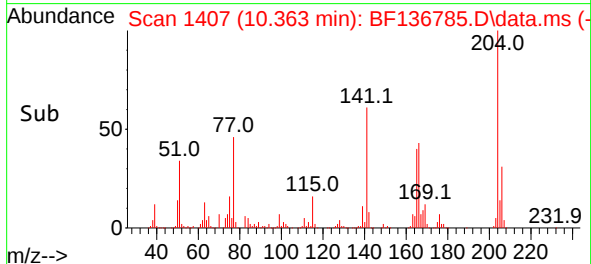
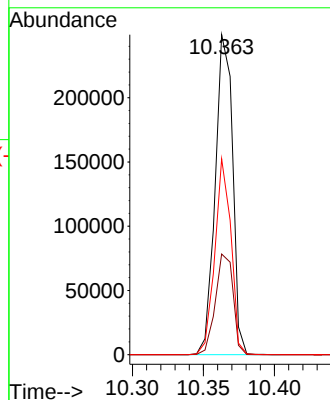
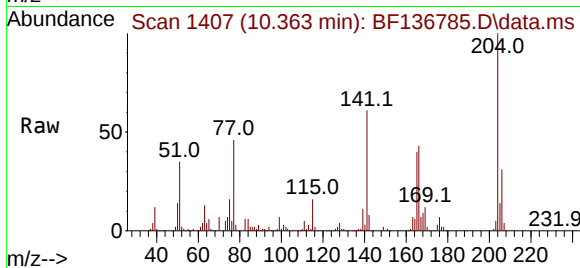




#61
4-Chlorophenyl-phenylether
Concen: 39.791 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

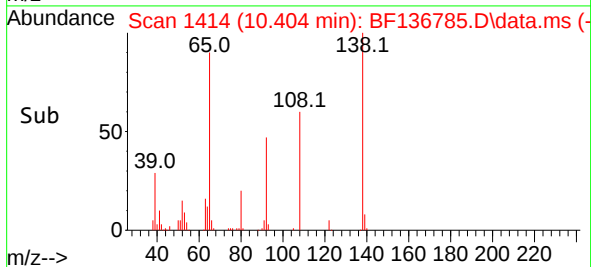
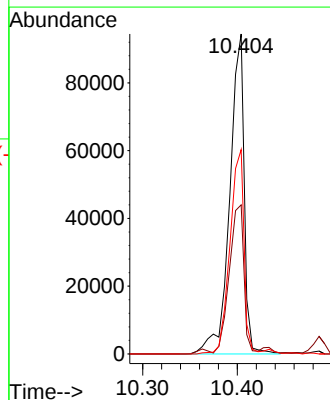
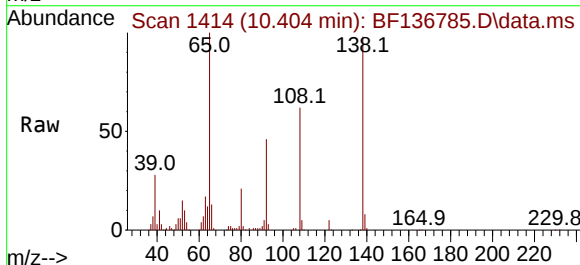
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

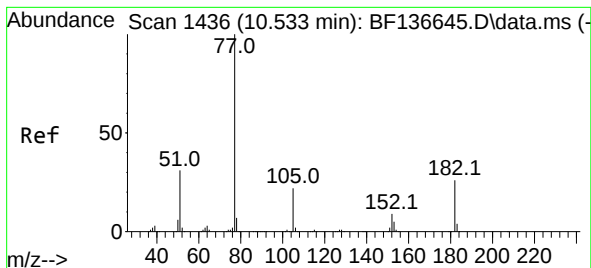
Tgt Ion:204 Resp: 211354
Ion Ratio Lower Upper
204 100
206 31.5 25.6 38.4
141 61.2 48.4 72.6



#62
4-Nitroaniline
Concen: 39.403 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:138 Resp: 100265
Ion Ratio Lower Upper
138 100
92 46.6 32.1 72.1
108 63.8 50.1 90.1





#63

Azobenzene

Concen: 38.792 ng

RT: 10.528 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 412736

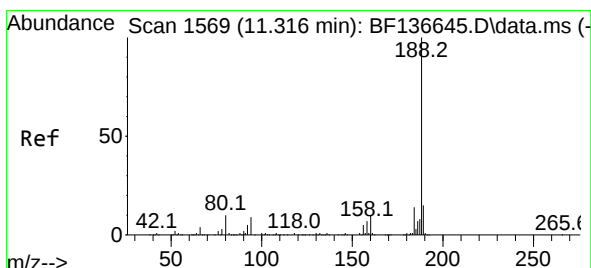
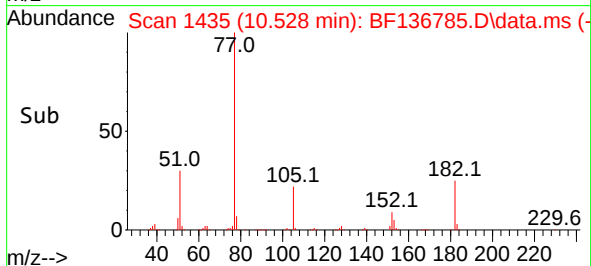
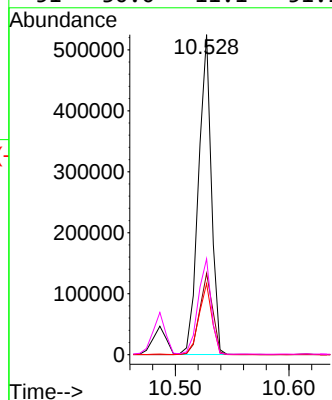
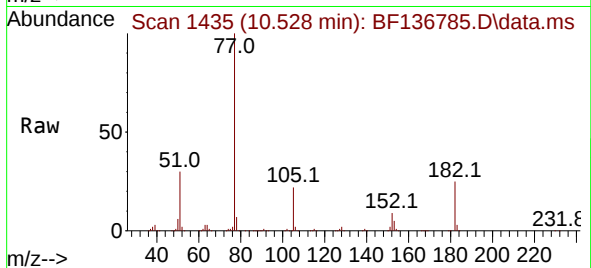
Ion Ratio Lower Upper

77 100

182 25.4 6.0 46.0

105 22.2 2.3 42.3

51 30.0 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

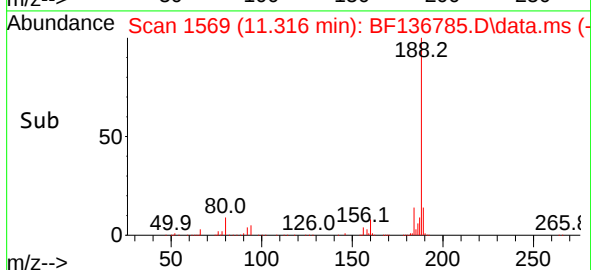
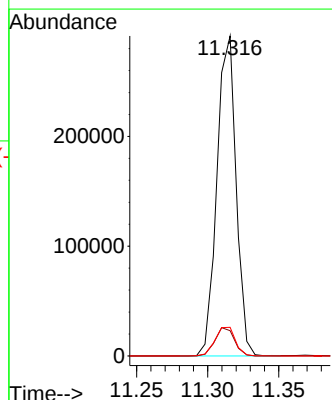
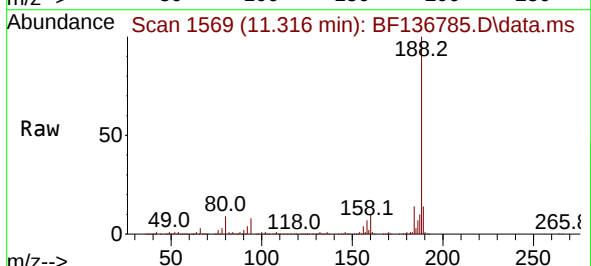
Tgt Ion: 188 Resp: 273628

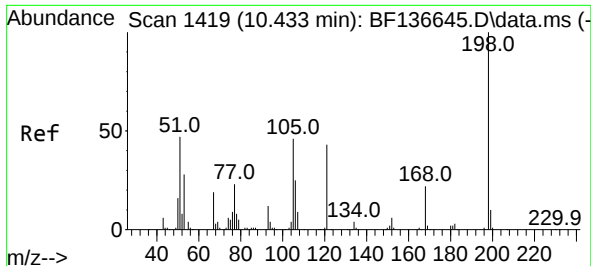
Ion Ratio Lower Upper

188 100

94 7.9 7.5 11.3

80 9.0 8.1 12.1

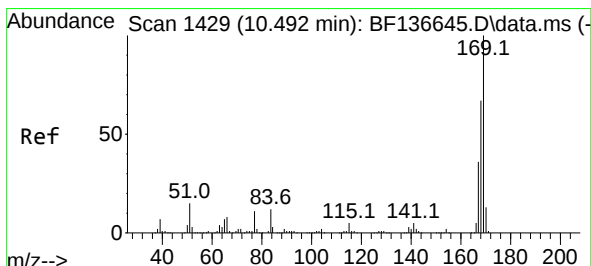
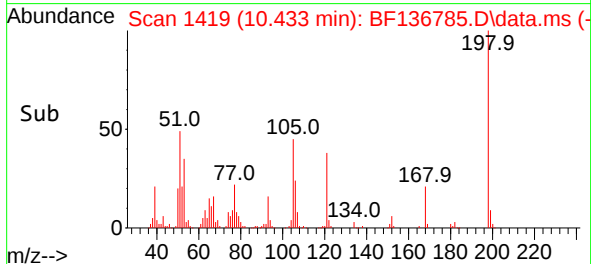
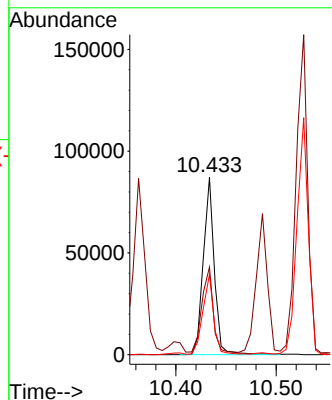
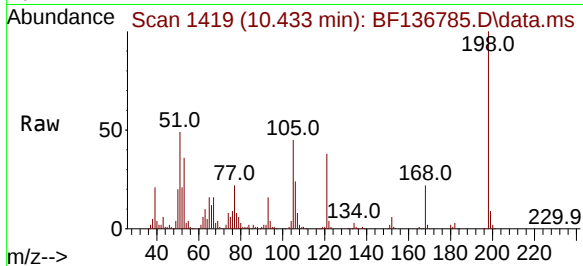




#65
4,6-Dinitro-2-methylphenol
Concen: 42.649 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

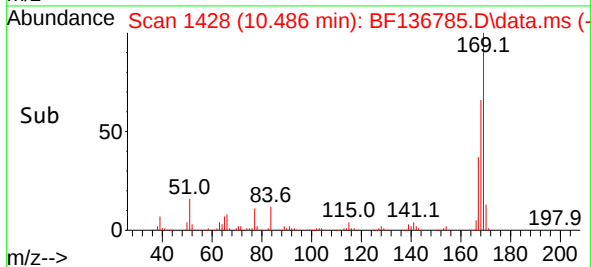
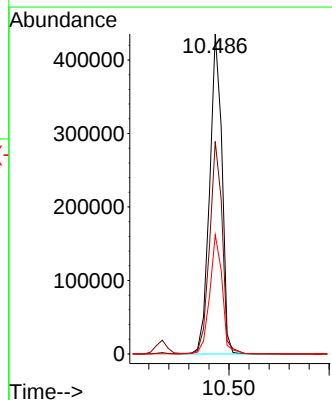
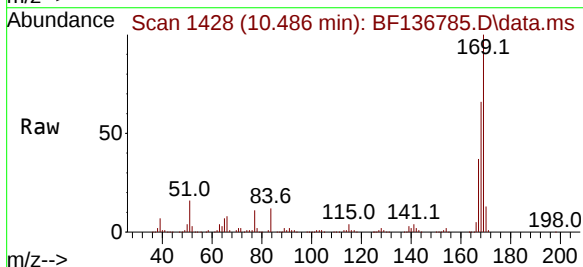
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

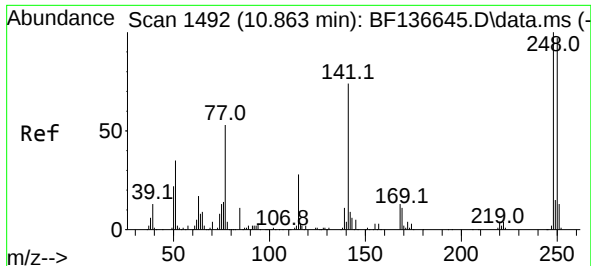
Tgt Ion:198 Resp: 66881
Ion Ratio Lower Upper
198 100
51 49.4 34.1 74.1
105 45.3 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.833 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:169 Resp: 371844
Ion Ratio Lower Upper
169 100
168 66.4 53.8 80.6
167 37.2 28.7 43.1

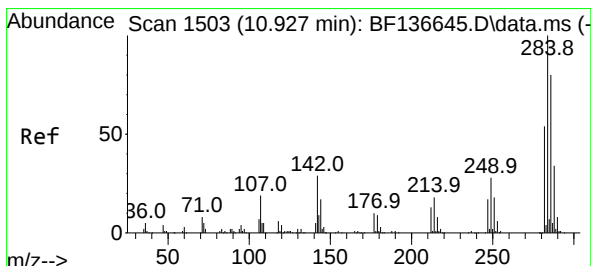
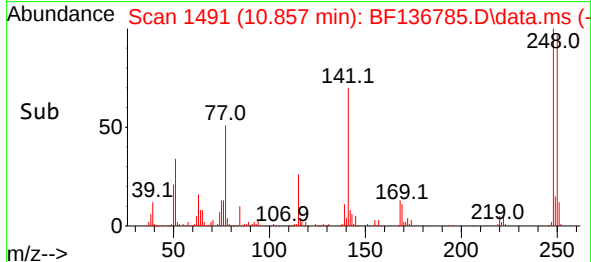
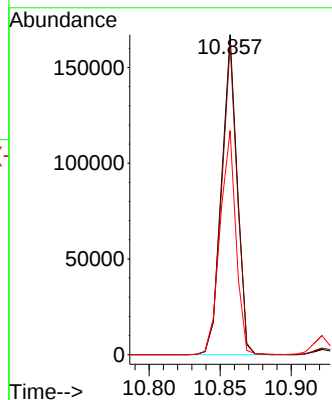
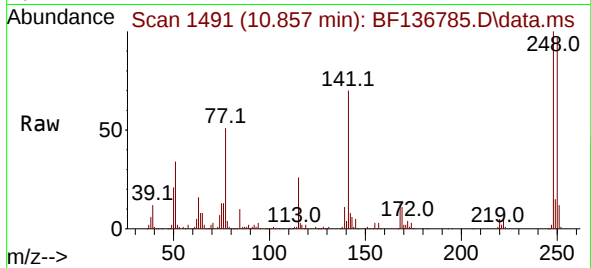




#67
4-Bromophenyl-phenylether
Concen: 42.060 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

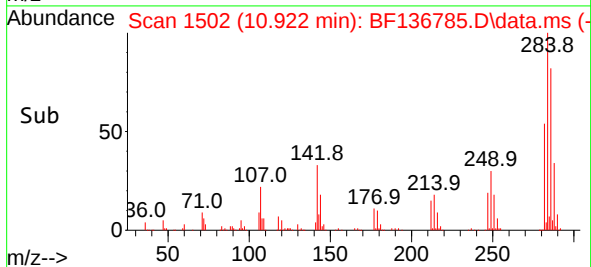
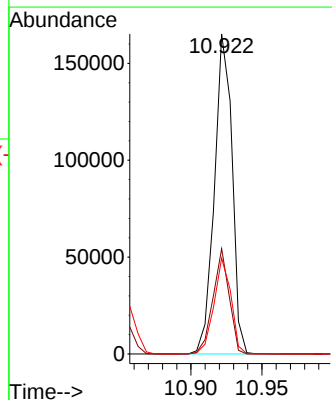
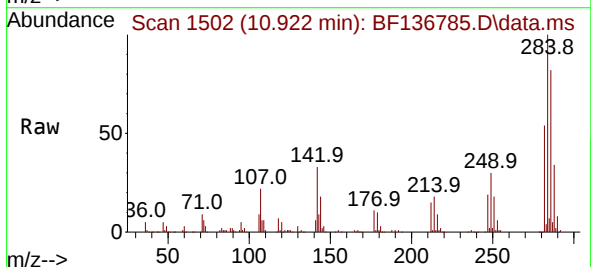
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 127813
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.6
141 70.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.030 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:284 Resp: 142336
Ion Ratio Lower Upper
284 100
142 32.9 23.4 35.0
249 29.9 22.3 33.5





#69

Atrazine

Concen: 39.900 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

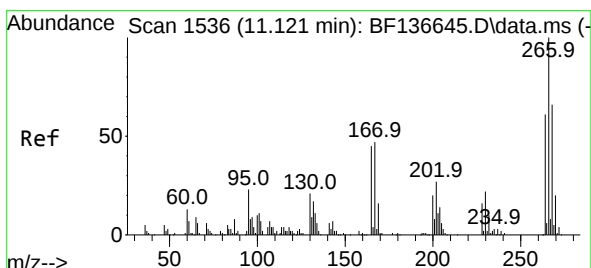
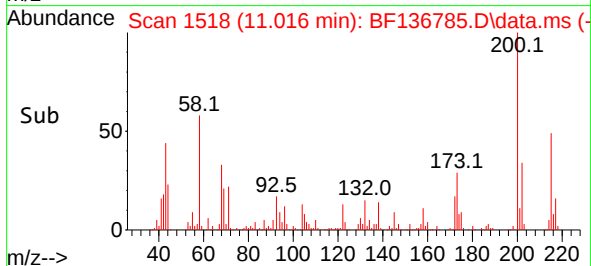
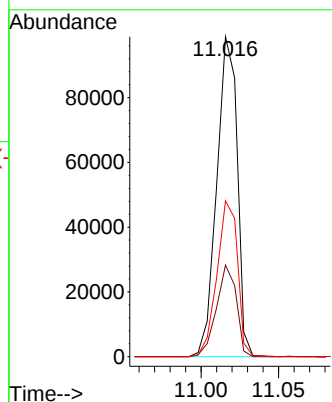
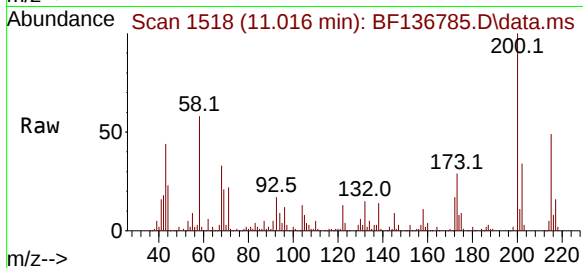
Tgt Ion:200 Resp: 90711

Ion Ratio Lower Upper

200 100

173 28.6 7.6 47.6

215 48.7 28.3 68.3



#70

Pentachlorophenol

Concen: 40.579 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

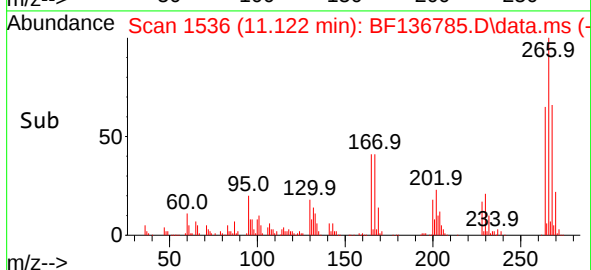
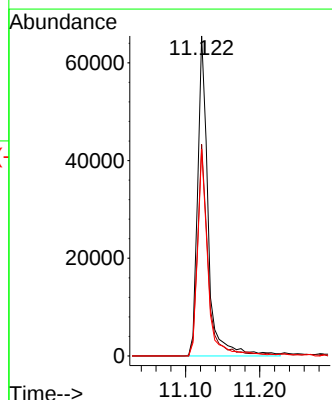
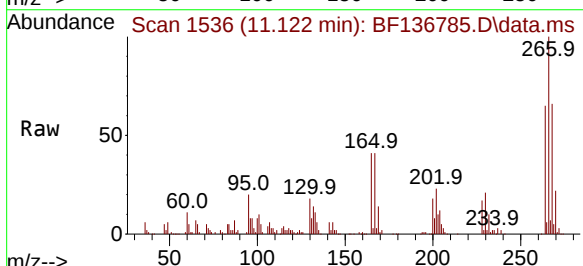
Tgt Ion:266 Resp: 64054

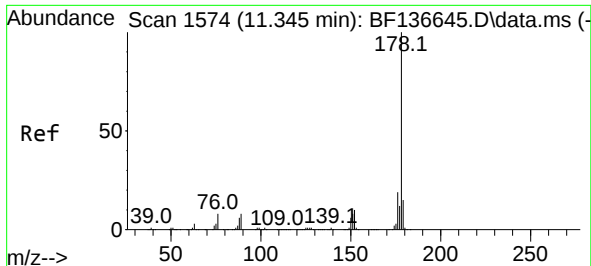
Ion Ratio Lower Upper

266 100

268 66.1 52.6 78.8

264 64.7 49.0 73.4

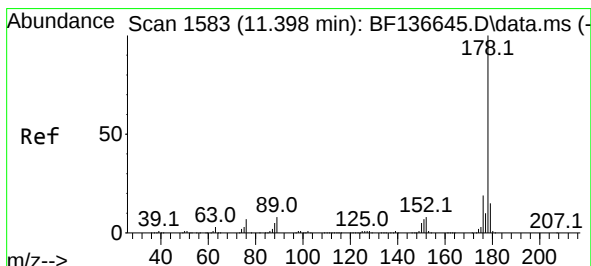
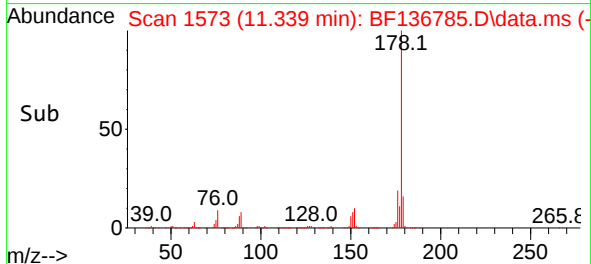
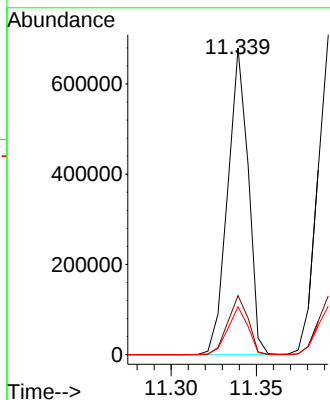
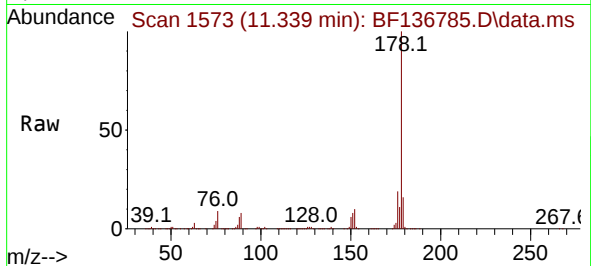




#71
Phenanthrene
Concen: 40.496 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

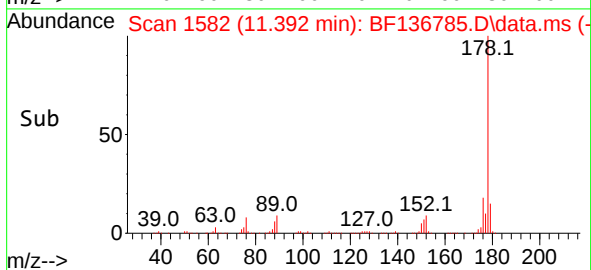
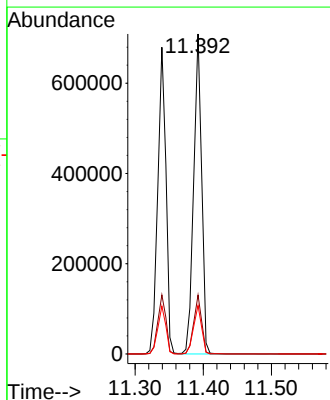
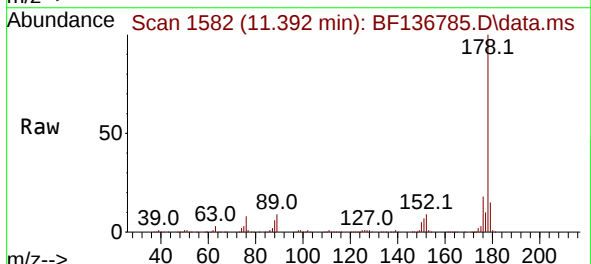
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

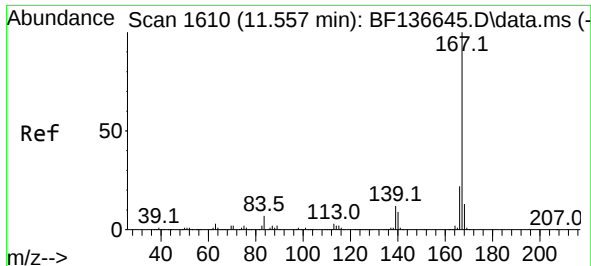
Tgt Ion:178 Resp: 568570
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 11.9 17.9



#72
Anthracene
Concen: 40.553 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF136785.D
Acq: 28 Dec 2023 10:07

Tgt Ion:178 Resp: 576618
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.2 11.8 17.6

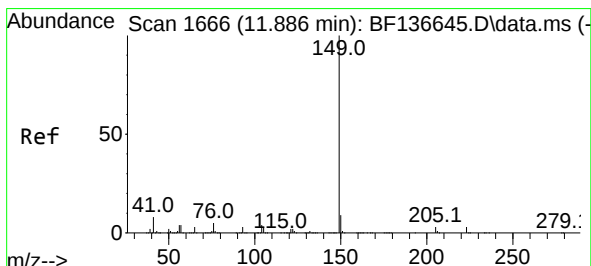
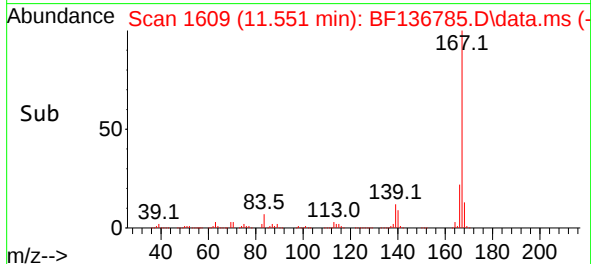
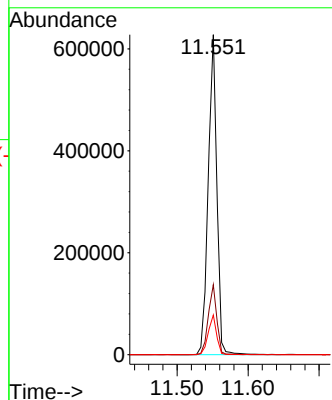
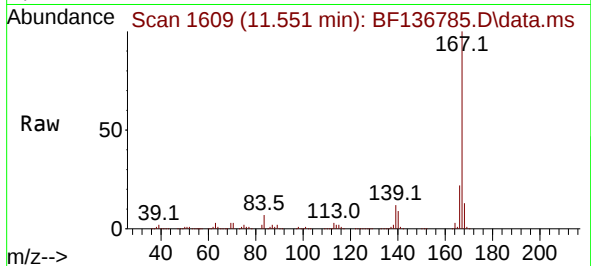




#73
 Carbazole
 Concen: 39.671 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

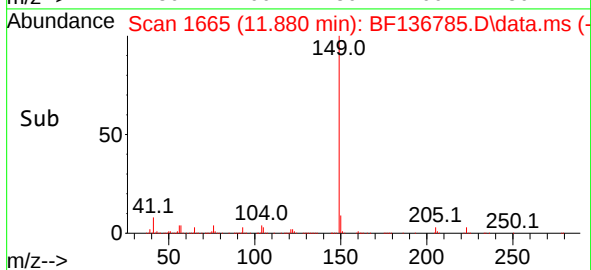
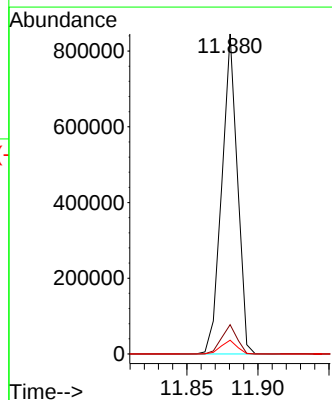
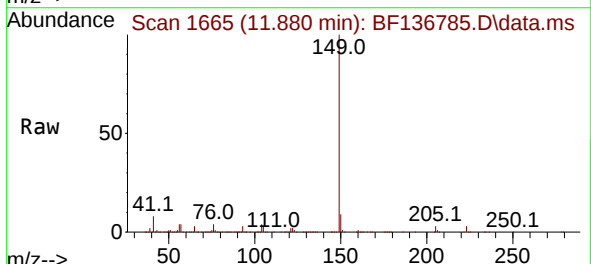
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

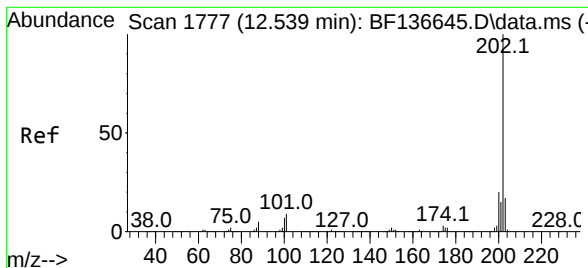
Tgt Ion:167 Resp: 531816
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.4 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 39.405 ng
 RT: 11.880 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

Tgt Ion:149 Resp: 644595
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 38.188 ng

RT: 12.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

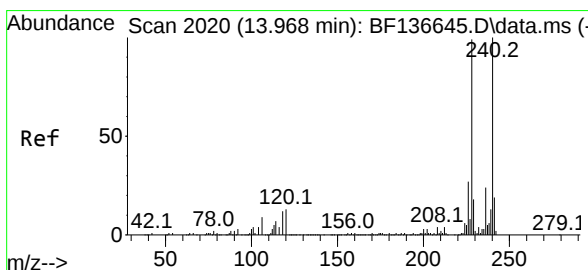
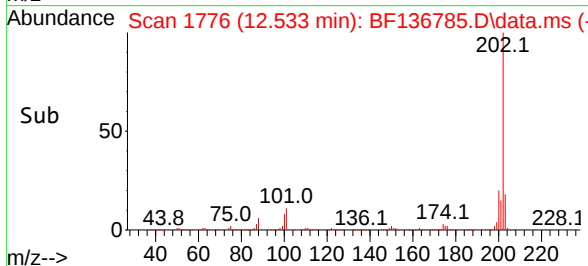
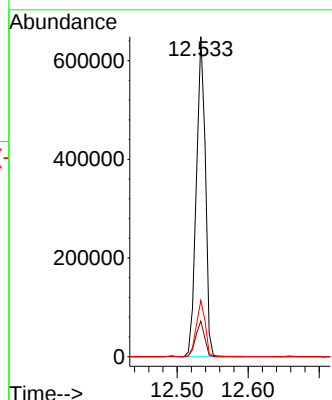
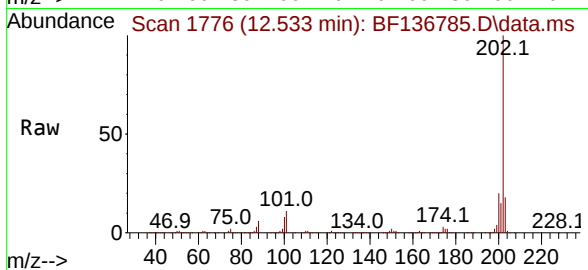
Tgt Ion:202 Resp: 573509

Ion Ratio Lower Upper

202 100

101 11.2 0.0 29.3

203 17.6 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: BF136785.D

Acq: 28 Dec 2023 10:07

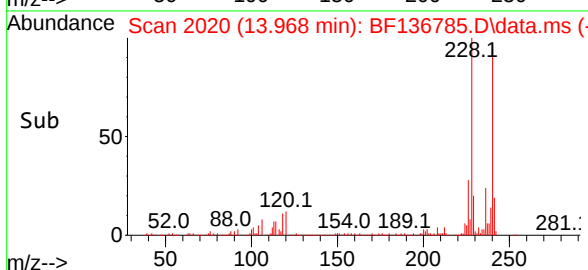
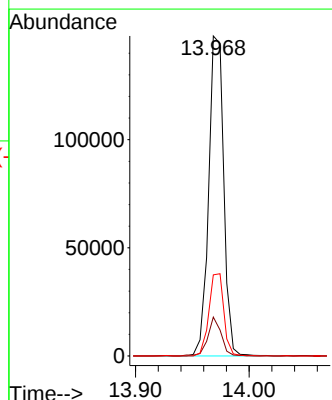
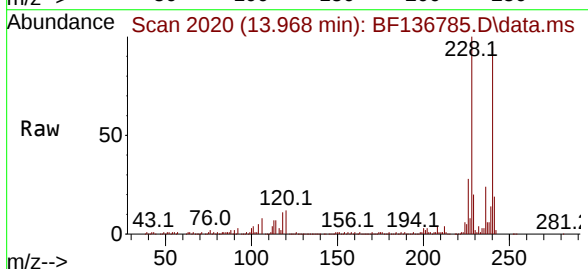
Tgt Ion:240 Resp: 135987

Ion Ratio Lower Upper

240 100

120 12.2 10.3 15.5

236 25.3 19.4 29.2





#77

Benzidine

Concen: 41.911 ng

RT: 12.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

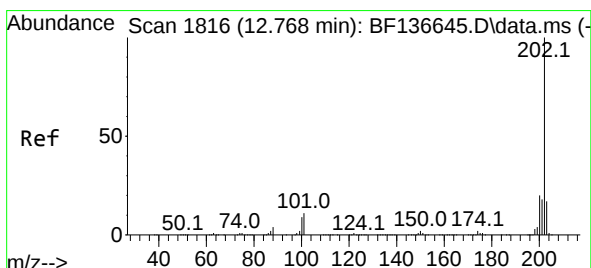
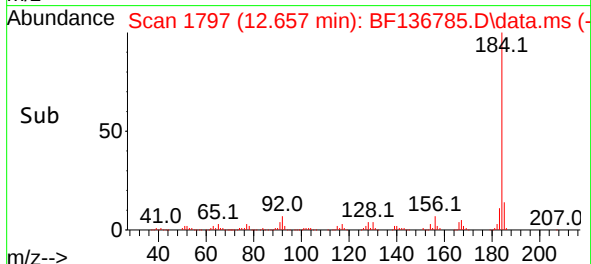
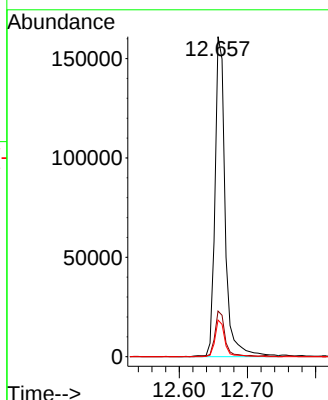
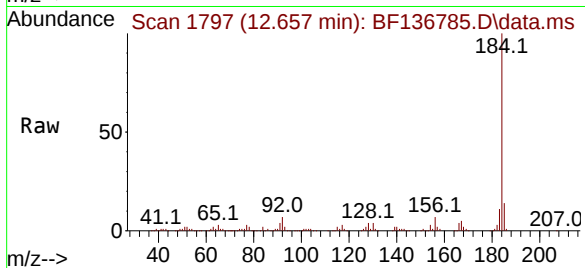
Tgt Ion:184 Resp: 168051

Ion Ratio Lower Upper

184 100

185 14.3 11.2 16.8

183 11.5 9.3 13.9



#78

Pyrene

Concen: 42.356 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

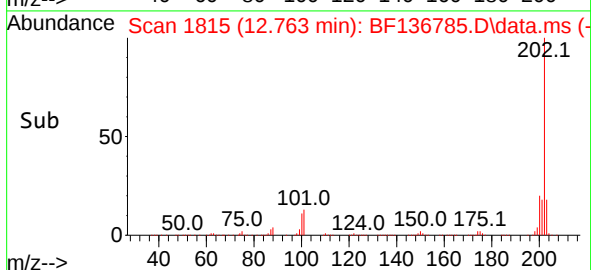
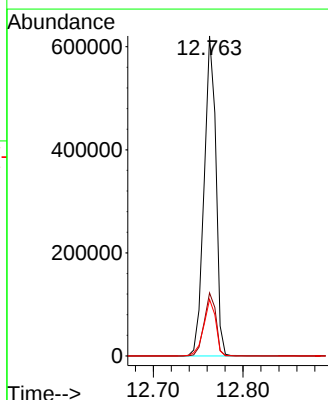
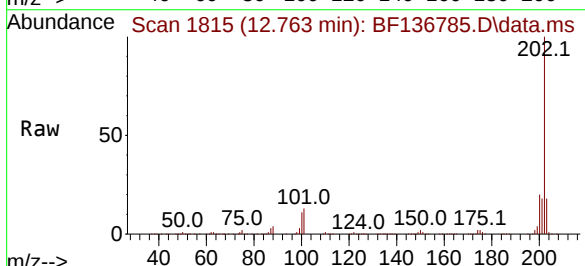
Tgt Ion:202 Resp: 565422

Ion Ratio Lower Upper

202 100

200 19.7 15.9 23.9

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 82.834 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

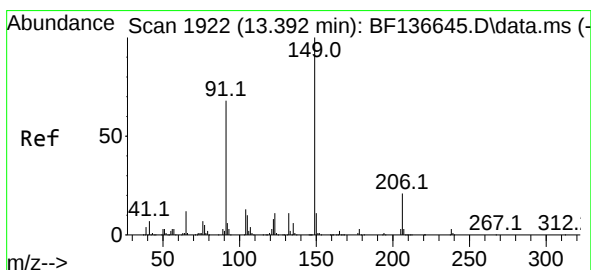
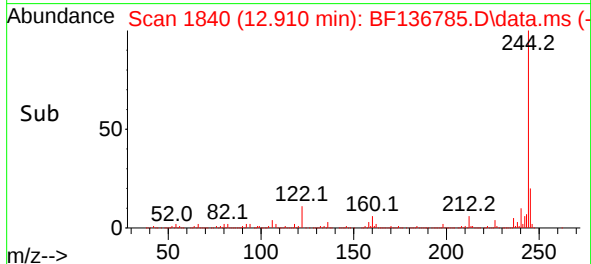
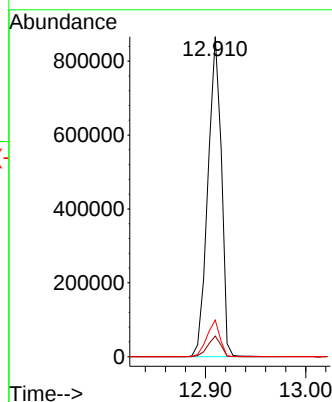
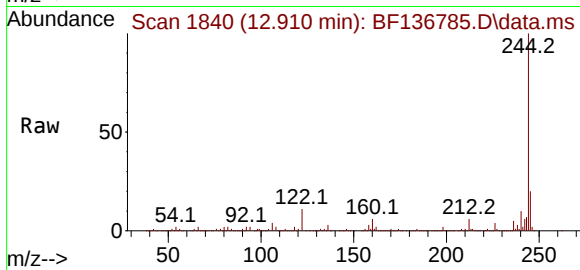
Tgt Ion:244 Resp: 806051

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 11.4 9.0 13.4



#80

Butylbenzylphthalate

Concen: 40.551 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

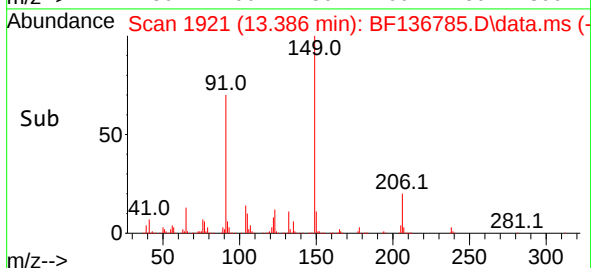
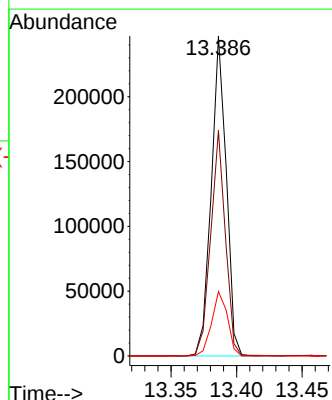
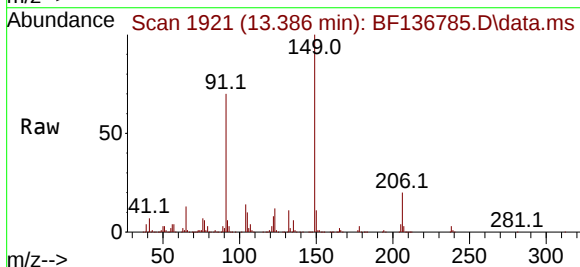
Tgt Ion:149 Resp: 196976

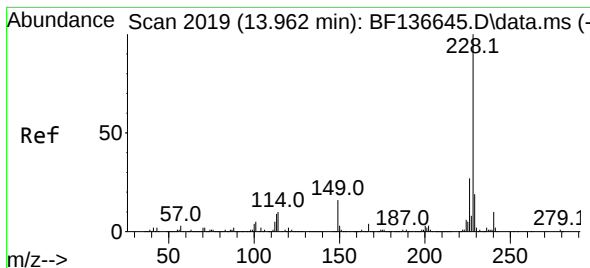
Ion Ratio Lower Upper

149 100

91 70.5 54.1 81.1

206 20.2 17.1 25.7





#81

Benzo(a)anthracene

Concen: 40.692 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

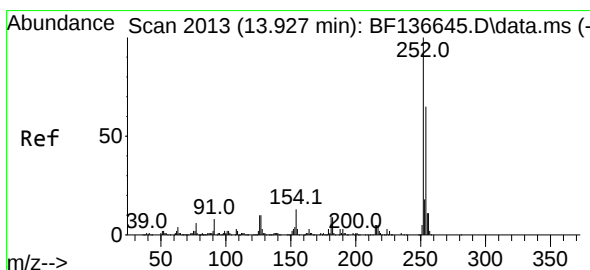
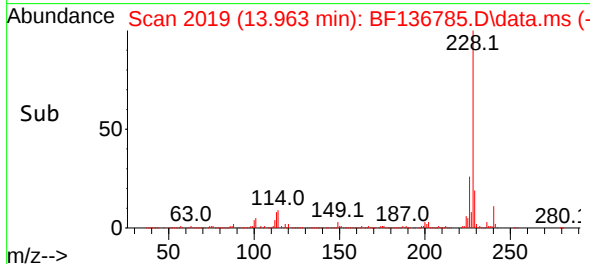
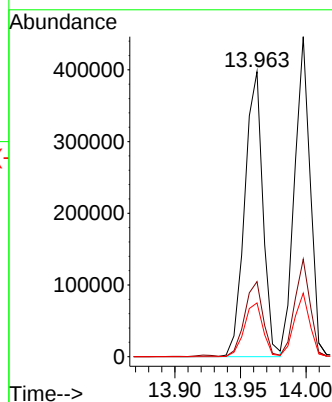
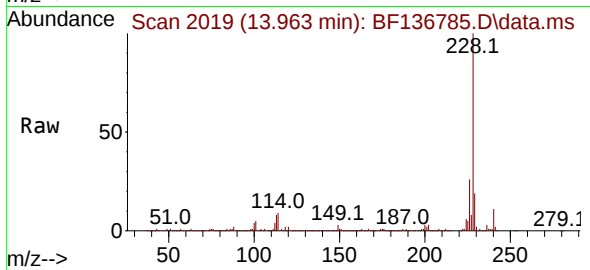
Tgt Ion:228 Resp: 384247

Ion Ratio Lower Upper

228 100

226 26.4 21.4 32.0

229 18.9 14.9 22.3



#82

3,3'-Dichlorobenzidine

Concen: 44.580 ng

RT: 13.921 min Scan# 2012

Delta R.T. -0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

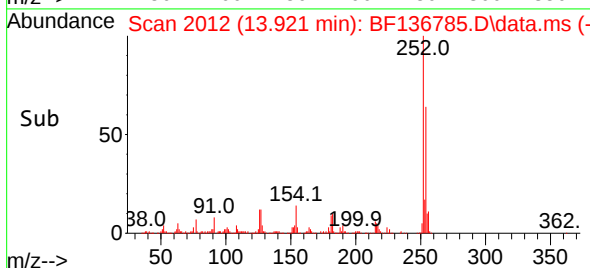
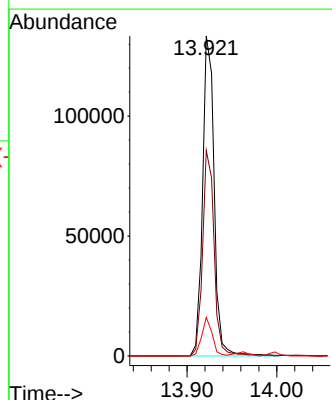
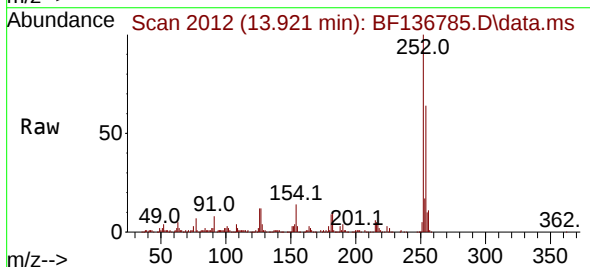
Tgt Ion:252 Resp: 119548

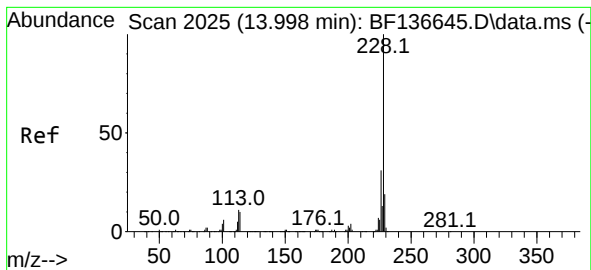
Ion Ratio Lower Upper

252 100

254 64.3 52.2 78.4

126 12.1 8.0 12.0#





#83

Chrysene

Concen: 40.091 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

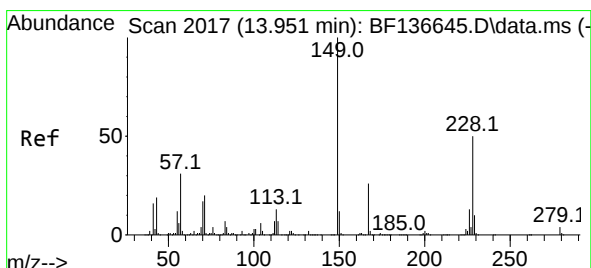
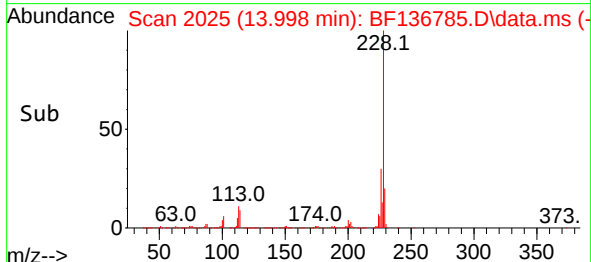
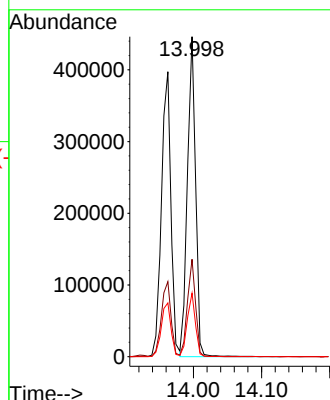
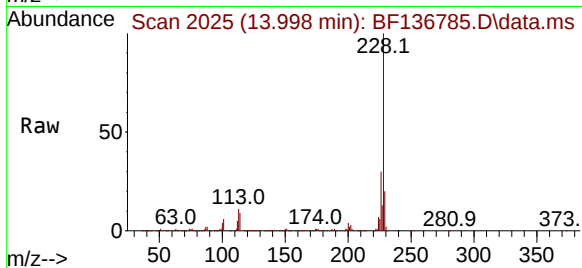
Tgt Ion:228 Resp: 370206

Ion Ratio Lower Upper

228 100

226 30.5 24.7 37.1

229 19.9 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.274 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

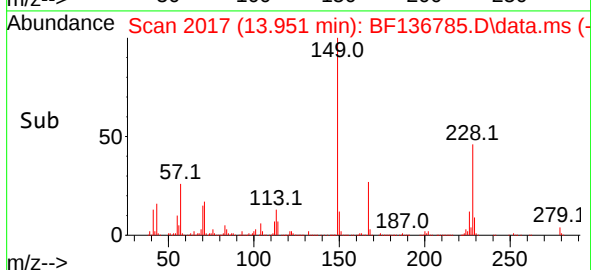
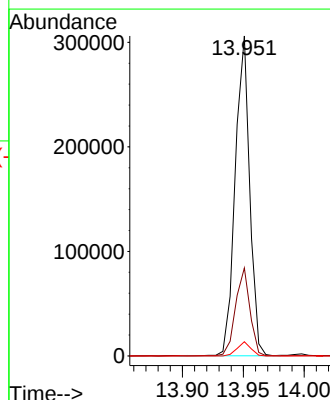
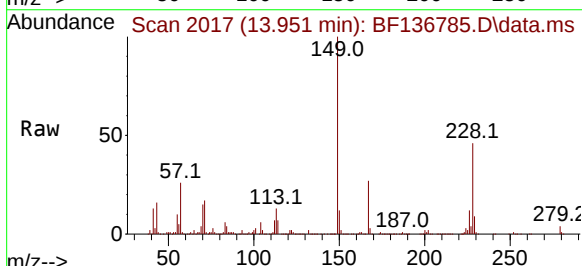
Tgt Ion:149 Resp: 252248

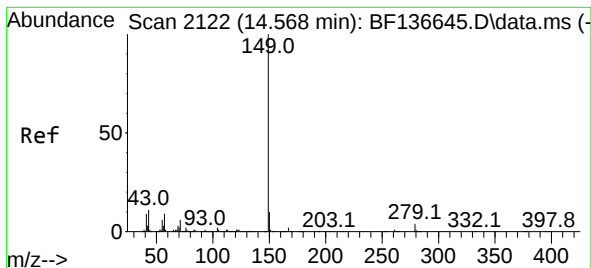
Ion Ratio Lower Upper

149 100

167 27.5 20.9 31.3

279 4.5 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 42.671 ng

RT: 14.568 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

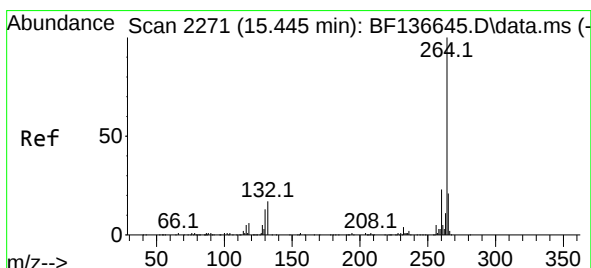
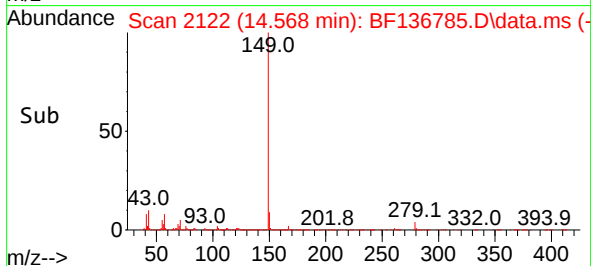
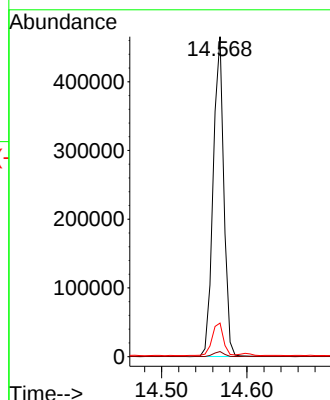
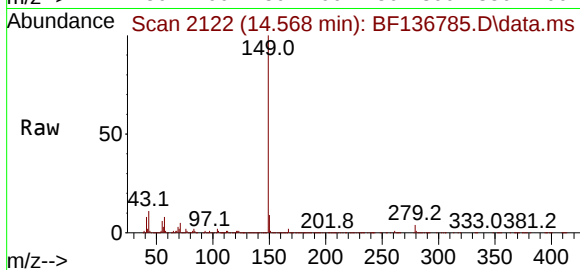
Tgt Ion:149 Resp: 403396

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.9 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

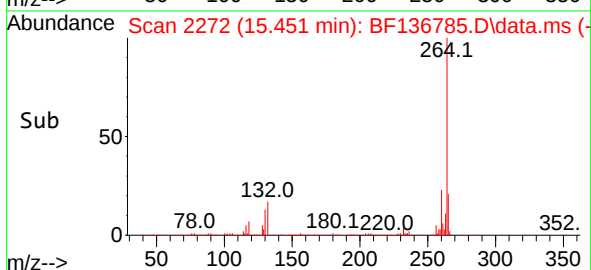
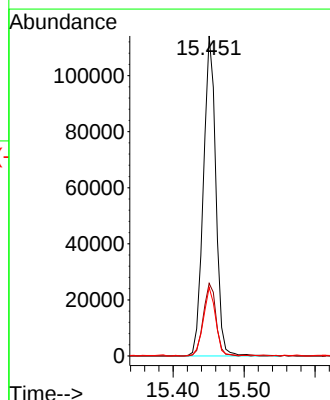
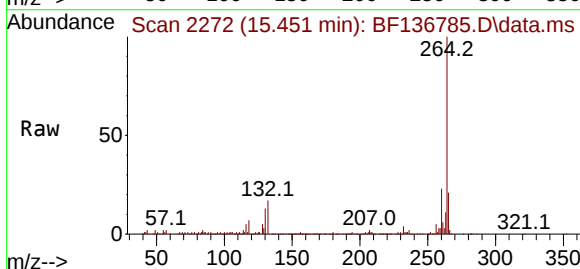
Tgt Ion:264 Resp: 139233

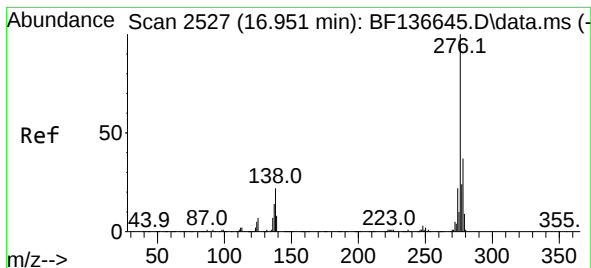
Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.877 ng

RT: 16.968 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

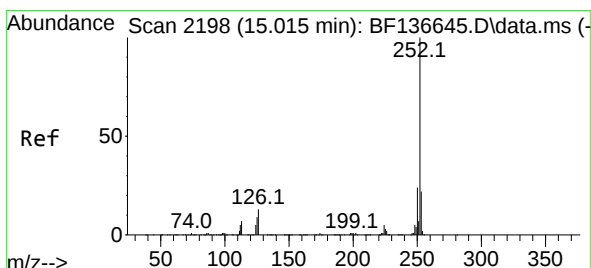
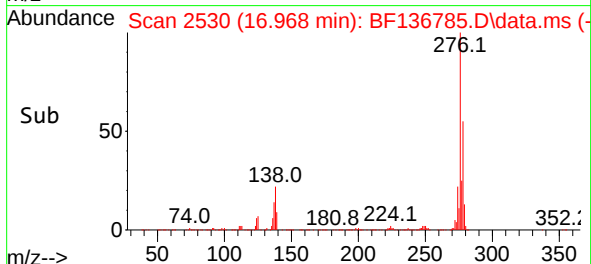
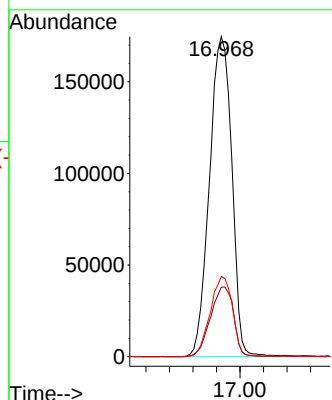
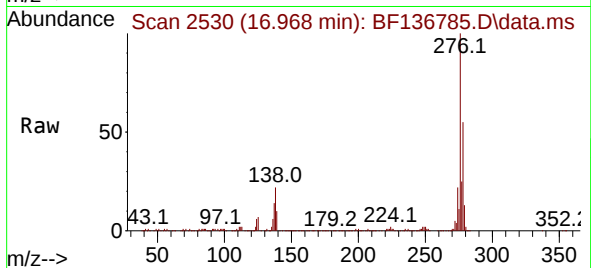
Tgt Ion:276 Resp: 461194

Ion Ratio Lower Upper

276 100

138 22.5 18.7 28.1

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 39.146 ng

RT: 15.015 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

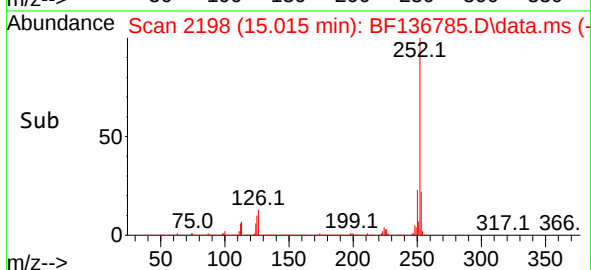
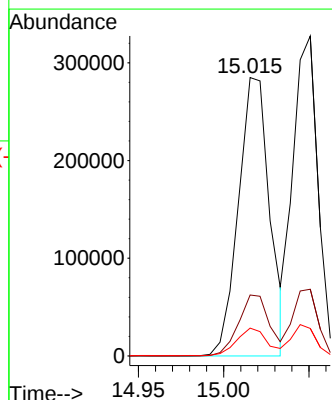
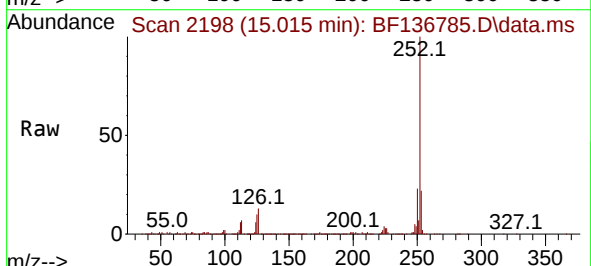
Tgt Ion:252 Resp: 364038

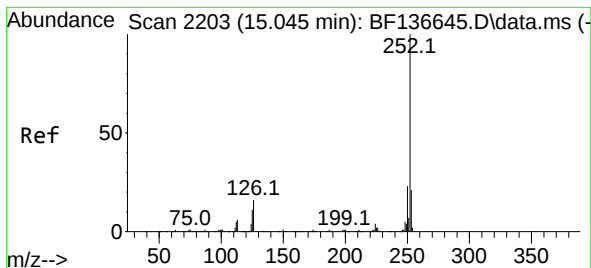
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 37.853 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

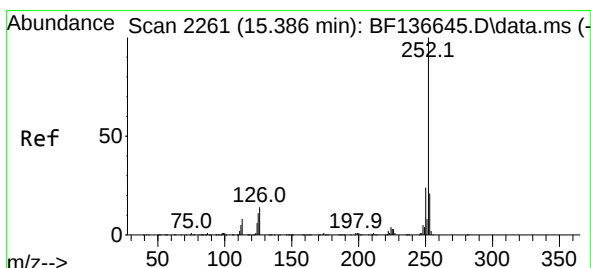
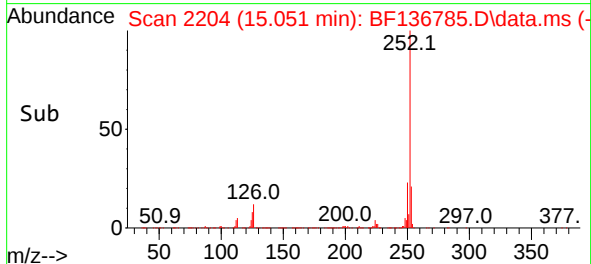
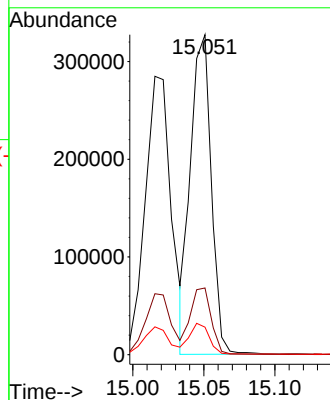
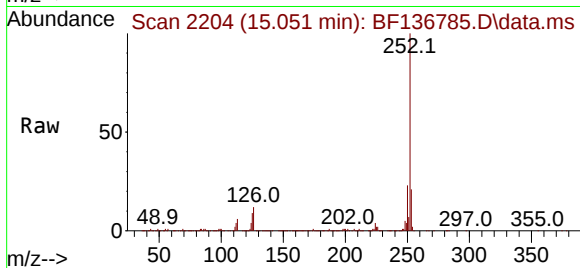
Tgt Ion:252 Resp: 332624

Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 8.6 8.2 12.4



#90

Benzo(a)pyrene

Concen: 41.025 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF136785.D

Acq: 28 Dec 2023 10:07

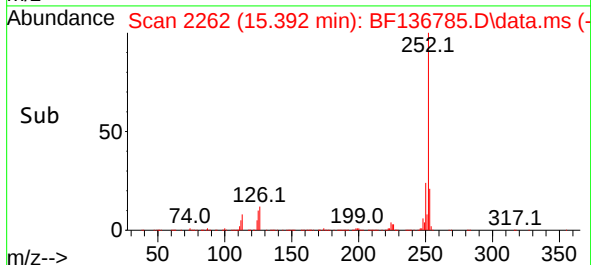
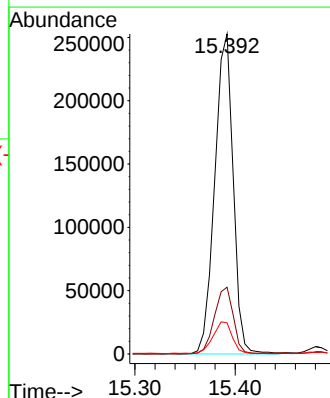
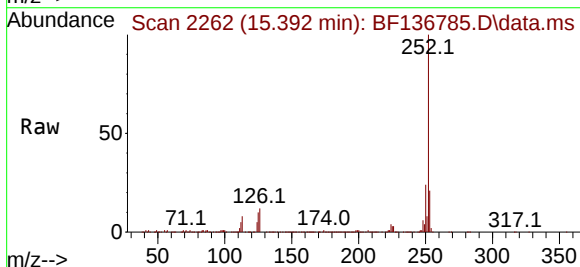
Tgt Ion:252 Resp: 322040

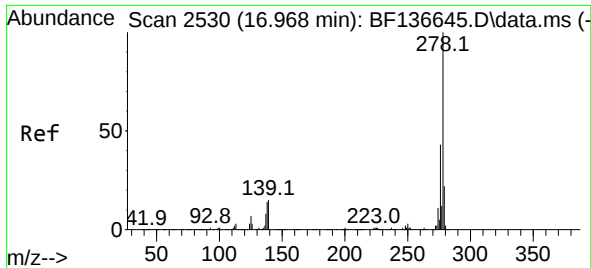
Ion Ratio Lower Upper

252 100

253 20.9 17.0 25.6

125 9.7 8.8 13.2

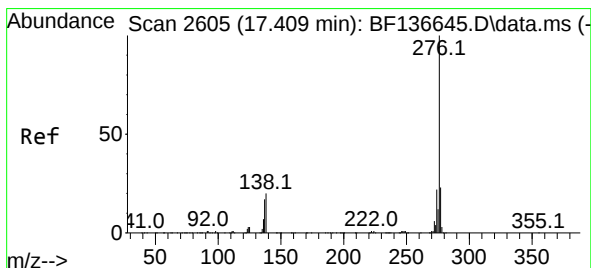
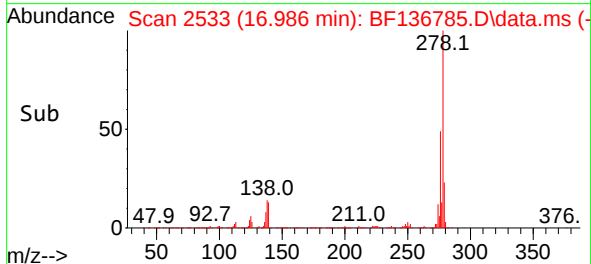
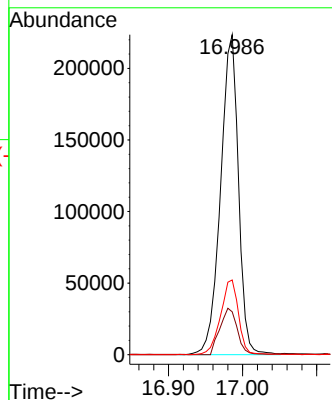
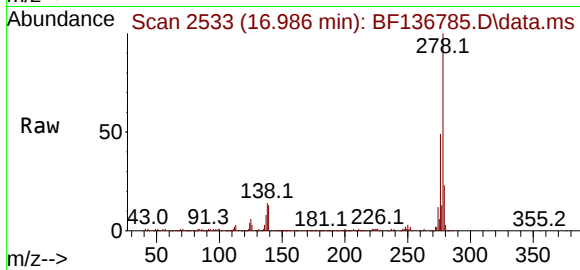




#91
 Dibenzo(a,h)anthracene
 Concen: 45.390 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:278 Resp: 374347
 Ion Ratio Lower Upper
 278 100
 139 13.4 12.2 18.4
 279 23.3 17.8 26.6



#92
 Benzo(g,h,i)perylene
 Concen: 46.575 ng
 RT: 17.427 min Scan# 2608
 Delta R.T. 0.018 min
 Lab File: BF136785.D
 Acq: 28 Dec 2023 10:07

Tgt Ion:276 Resp: 393423
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.3 27.5
 138 20.2 15.6 23.4

