

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135183.D
 Acq On : 12 Sep 2023 15:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Sep 13 02:05:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	99585	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	385877	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	192135	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	320316	20.000	ng	0.00
76) Chrysene-d12	13.945	240	192331	20.000	ng	0.00
86) Perylene-d12	15.404	264	199750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	486646	79.480	ng	0.00
7) Phenol-d6	6.404	99	609035	78.226	ng	0.00
23) Nitrobenzene-d5	7.328	82	566581	79.772	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	136434	71.455	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1006646	79.046	ng	0.00
79) Terphenyl-d14	12.886	244	792280	63.858	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.458	88	102518	38.194	ng	98
3) Pyridine	3.205	79	284675	39.407	ng	98
4) n-Nitrosodimethylamine	3.169	42	153182	39.959	ng	99
6) Aniline	6.434	93	388247	38.028	ng	98
8) 2-Chlorophenol	6.551	128	260987	39.930	ng	95
9) Benzaldehyde	6.316	77	168619	38.018	ng	99
10) Phenol	6.416	94	335998	39.357	ng	97
11) bis(2-Chloroethyl)ether	6.504	93	249174	38.910	ng	99
12) 1,3-Dichlorobenzene	6.704	146	265474	39.965	ng	98
13) 1,4-Dichlorobenzene	6.781	146	266796	39.477	ng	99
14) 1,2-Dichlorobenzene	6.934	146	245973	39.192	ng	97
15) Benzyl Alcohol	6.910	79	221550	39.656	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.040	45	465471	38.562	ng	99
17) 2-Methylphenol	7.022	107	224153	38.862	ng	100
18) Hexachloroethane	7.269	117	98622	39.494	ng	92
19) n-Nitroso-di-n-propyla...	7.181	70	178393	36.993	ng	96
20) 3+4-Methylphenols	7.175	107	267459	38.563	ng	95
22) Acetophenone	7.175	105	344347	39.032	ng	# 98
24) Nitrobenzene	7.345	77	281425	40.088	ng	98
25) Isophorone	7.587	82	507202	38.889	ng	99
26) 2-Nitrophenol	7.663	139	139223	41.321	ng	96
27) 2,4-Dimethylphenol	7.704	122	224611	39.660	ng	98
28) bis(2-Chloroethoxy)met...	7.798	93	305715	39.163	ng	99
29) 2,4-Dichlorophenol	7.904	162	207247	39.492	ng	97
30) 1,2,4-Trichlorobenzene	7.987	180	218568	39.847	ng	98
31) Naphthalene	8.063	128	742370	39.596	ng	99
32) Benzoic acid	7.822	122	128636	30.164	ng	95
33) 4-Chloroaniline	8.116	127	310925	37.799	ng	98
34) Hexachlorobutadiene	8.181	225	134263	40.595	ng	98
35) Caprolactam	8.492	113	69740	39.597	ng	99
36) 4-Chloro-3-methylphenol	8.604	107	226106	38.767	ng	97
37) 2-Methylnaphthalene	8.757	142	489431	38.835	ng	99
38) 1-Methylnaphthalene	8.857	142	458821	38.886	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	222359	39.947	ng	99
41) Hexachlorocyclopentadiene	8.904	237	44149	23.723	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	148495	40.745	ng	100

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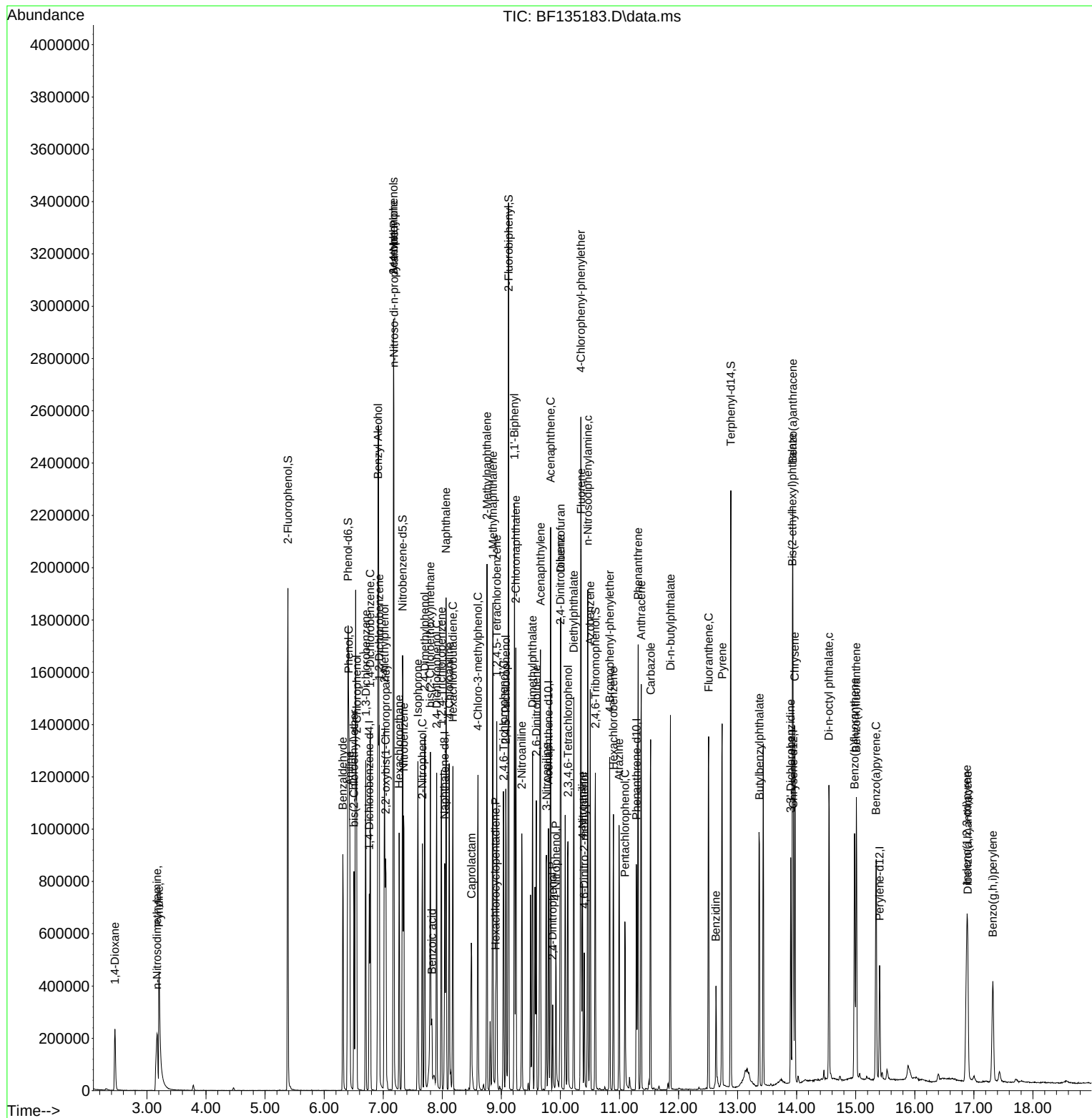
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	170372	40.593	ng	97
46) 1,1'-Biphenyl	9.222	154	598925	40.563	ng	99
47) 2-Chloronaphthalene	9.245	162	433303	40.446	ng	98
48) 2-Nitroaniline	9.345	65	169818	40.802	ng	96
49) Acenaphthylene	9.663	152	702703	39.468	ng	100
50) Dimethylphthalate	9.528	163	519424	39.986	ng	100
51) 2,6-Dinitrotoluene	9.592	165	113691	39.951	ng	90
52) Acenaphthene	9.834	154	412999	39.267	ng	97
53) 3-Nitroaniline	9.763	138	131759	39.444	ng	92
54) 2,4-Dinitrophenol	9.869	184	35742	26.644	ng	95
55) Dibenzofuran	10.004	168	621680	38.734	ng	97
56) 4-Nitrophenol	9.922	139	83175	39.178	ng	97
57) 2,4-Dinitrotoluene	9.998	165	138090	38.761	ng	98
58) Fluorene	10.351	166	460535	37.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	121370	37.593	ng	99
60) Diethylphthalate	10.228	149	513404	39.381	ng	98
61) 4-Chlorophenyl-phenylether	10.345	204	224995	37.960	ng	95
62) 4-Nitroaniline	10.375	138	122404	38.121	ng	95
63) Azobenzene	10.504	77	484927	38.006	ng	98
65) 4,6-Dinitro-2-methylph...	10.404	198	55927	32.873	ng	96
66) n-Nitrosodiphenylamine	10.463	169	423493	43.671	ng	100
67) 4-Bromophenyl-phenylether	10.833	248	132802	41.686	ng	95
68) Hexachlorobenzene	10.898	284	132505	40.826	ng	96
69) Atrazine	10.992	200	105274	40.346	ng	98
70) Pentachlorophenol	11.092	266	78952	40.659	ng	96
71) Phenanthrene	11.316	178	594253	39.226	ng	100
72) Anthracene	11.369	178	607230	38.995	ng	98
73) Carbazole	11.528	167	535413	37.770	ng	99
74) Di-n-butylphthalate	11.863	149	660910	39.566	ng	99
75) Fluoranthene	12.510	202	569017	36.046	ng	97
77) Benzidine	12.633	184	149402	37.917	ng	99
78) Pyrene	12.739	202	582450	31.808	ng	99
80) Butylbenzylphthalate	13.369	149	230523	35.756	ng	95
81) Benzo(a)anthracene	13.933	228	482465	38.848	ng	100
82) 3,3'-Dichlorobenzidine	13.898	252	163076	42.038	ng	# 95
83) Chrysene	13.969	228	498391	40.363	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	279091	42.185	ng	# 99
85) Di-n-octyl phthalate	14.545	149	534421	50.830	ng	# 100
87) Indeno(1,2,3-cd)pyrene	16.880	276	409393	31.259	ng	99
88) Benzo(b)fluoranthene	14.980	252	474228	43.856	ng	98
89) Benzo(k)fluoranthene	15.010	252	425698	39.854	ng	98
90) Benzo(a)pyrene	15.345	252	422822	41.004	ng	98
91) Dibenzo(a,h)anthracene	16.898	278	337126	31.460	ng	98
92) Benzo(g,h,i)perylene	17.321	276	320294	28.619	ng	99

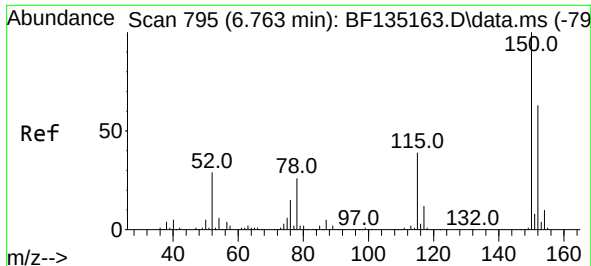
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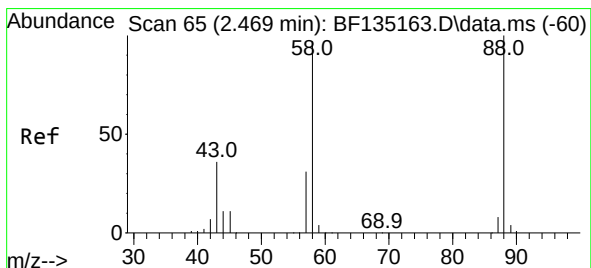
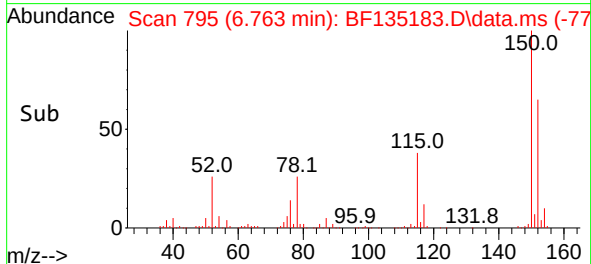
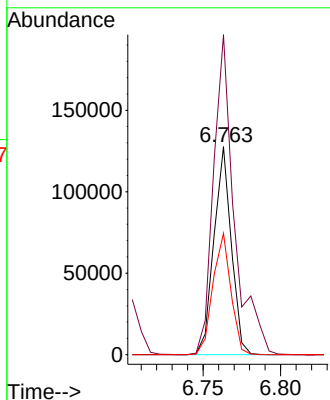
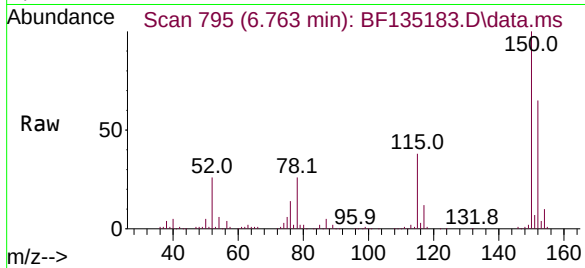




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

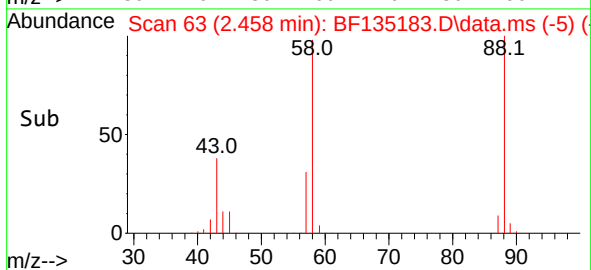
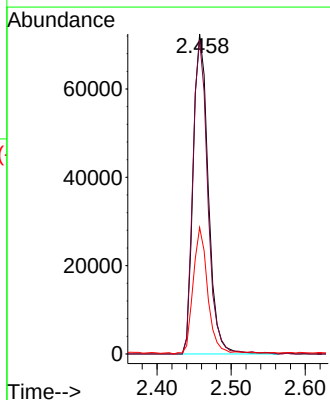
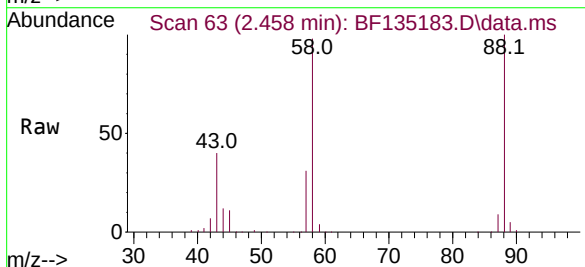
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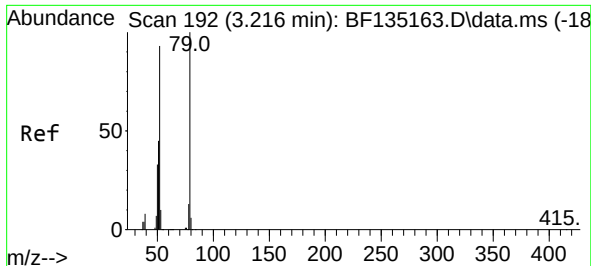
Tgt Ion:152 Resp: 99585
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.8 191.6
 115 58.3 49.8 74.8



#2
 1,4-Dioxane
 Concen: 38.194 ng
 RT: 2.458 min Scan# 63
 Delta R.T. -0.012 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

Tgt Ion: 88 Resp: 102518
 Ion Ratio Lower Upper
 88 100
 58 96.6 78.3 117.5
 43 38.9 29.4 44.0

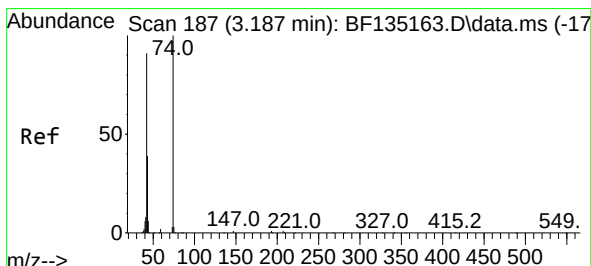
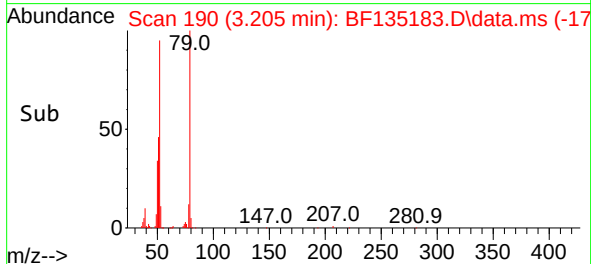
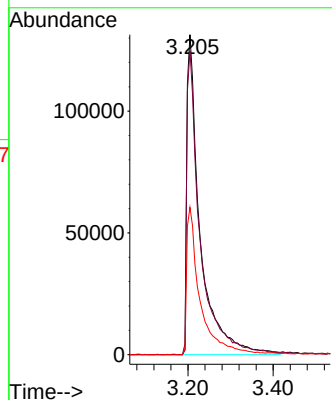
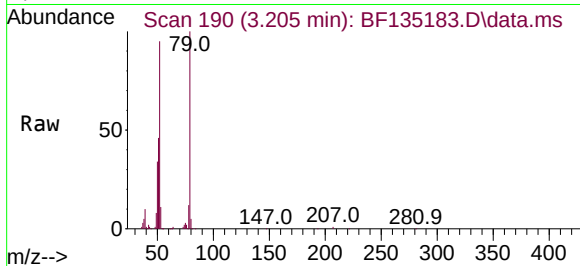




#3
Pyridine
Concen: 39.407 ng
RT: 3.205 min Scan# 192
Delta R.T. -0.012 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

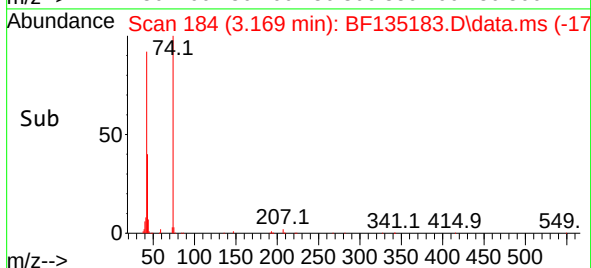
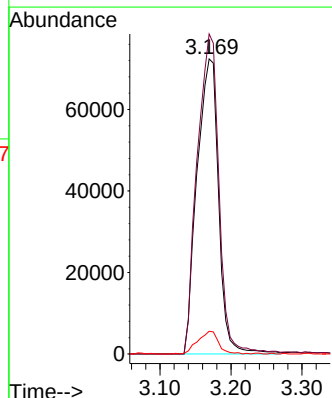
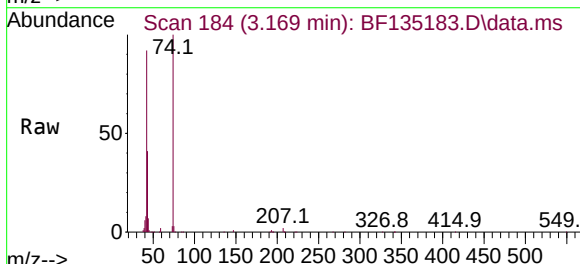
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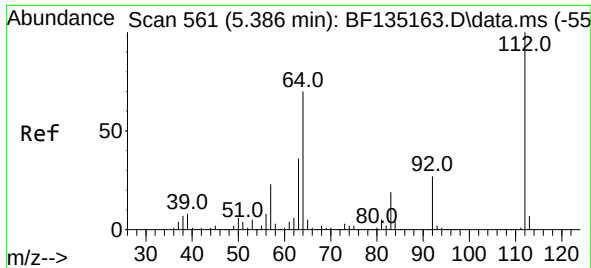
Tgt Ion: 79 Resp: 284675
Ion Ratio Lower Upper
79 100
52 94.9 74.1 111.1
51 46.0 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 39.959 ng
RT: 3.169 min Scan# 184
Delta R.T. -0.017 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion: 42 Resp: 153182
Ion Ratio Lower Upper
42 100
74 108.5 87.7 131.5
44 7.7 5.6 8.4

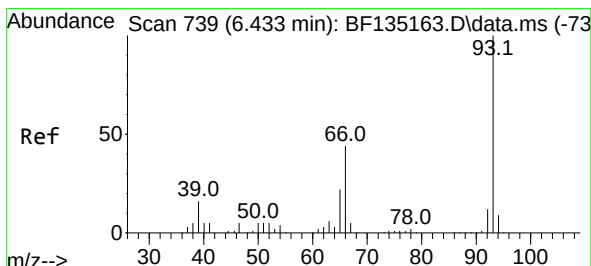
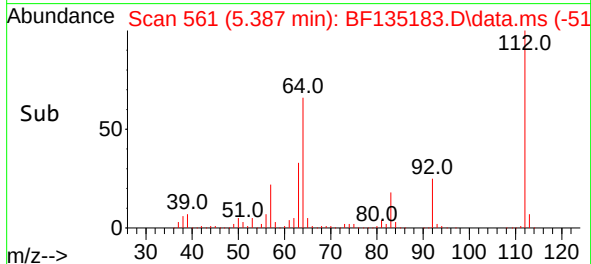
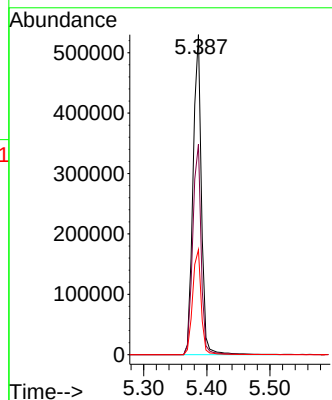
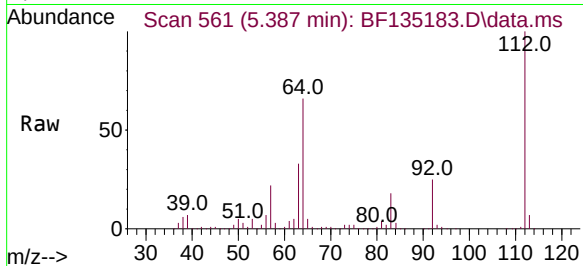




#5
2-Fluorophenol
Concen: 79.480 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

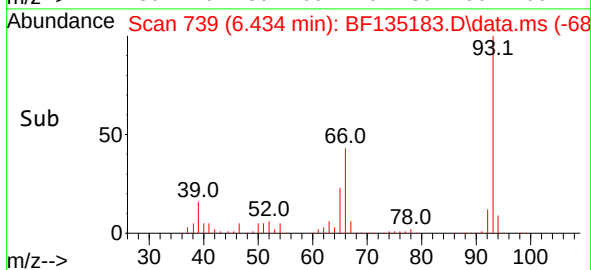
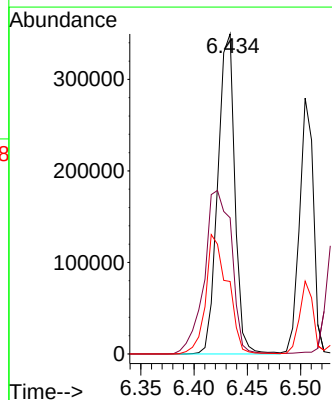
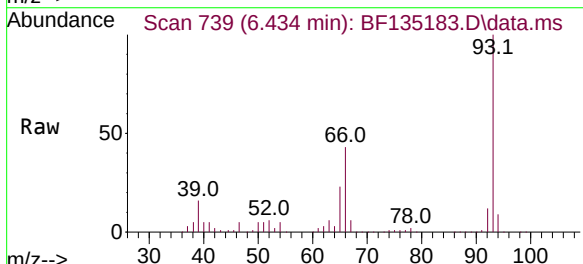
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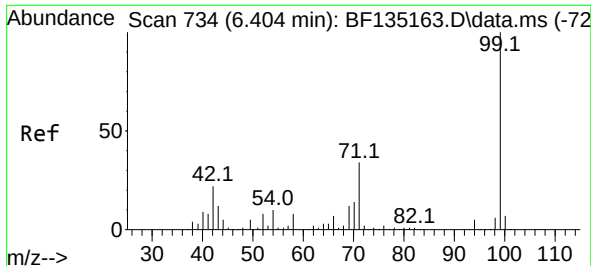
Tgt Ion:112 Resp: 486646
Ion Ratio Lower Upper
112 100
64 65.8 55.9 83.9
63 32.8 29.0 43.6



#6
Aniline
Concen: 38.028 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion: 93 Resp: 388247
Ion Ratio Lower Upper
93 100
66 42.6 35.4 53.0
65 22.6 17.8 26.8

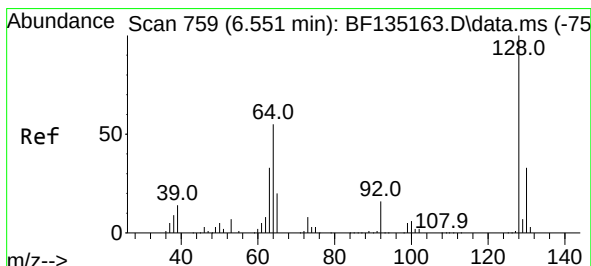
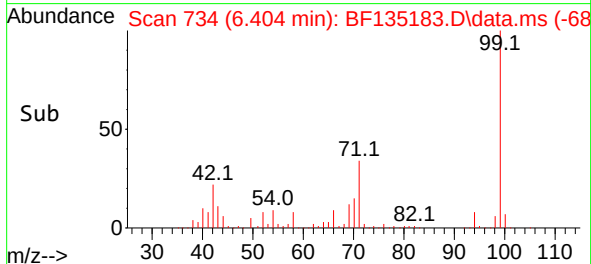
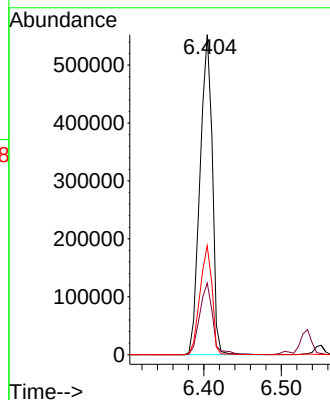
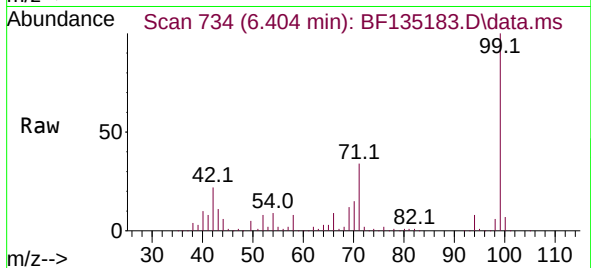




#7
Phenol-d6
Concen: 78.226 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

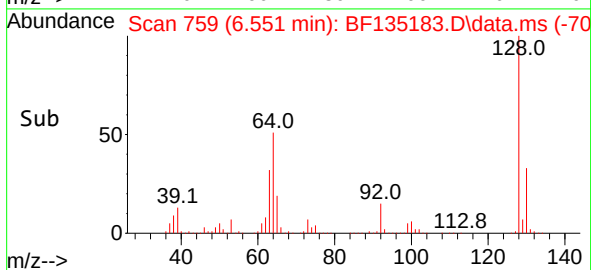
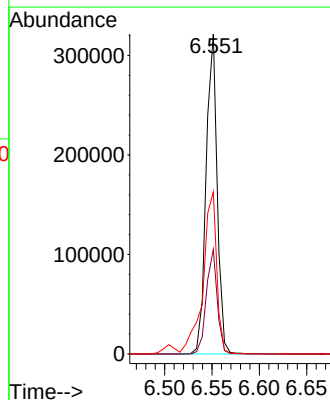
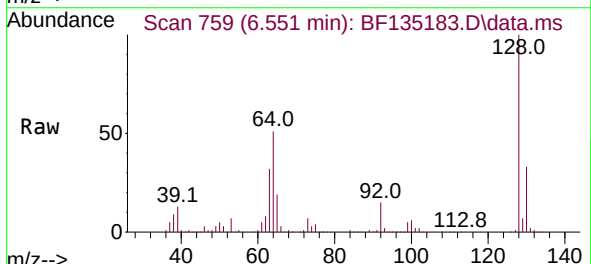
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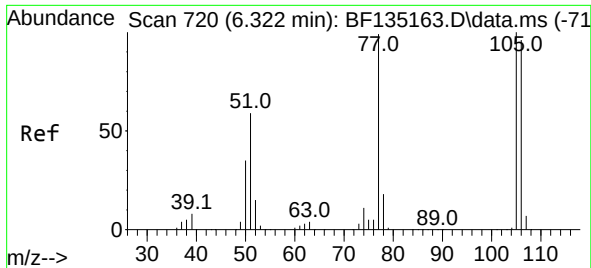
Tgt Ion: 99 Resp: 609035
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 34.0 27.0 40.6



#8
2-Chlorophenol
Concen: 39.930 ng
RT: 6.551 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:128 Resp: 260987
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 50.7 35.9 75.9





#9

Benzaldehyde

Concen: 38.018 ng

RT: 6.316 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

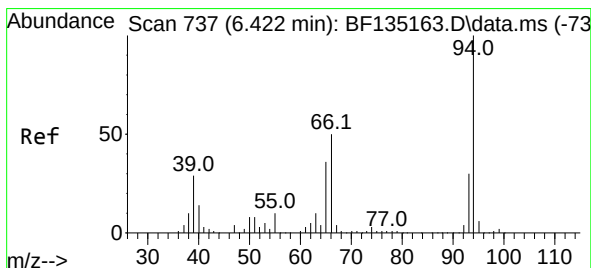
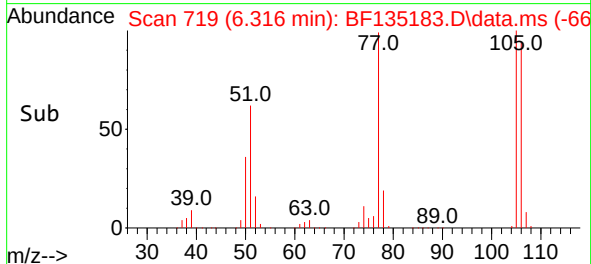
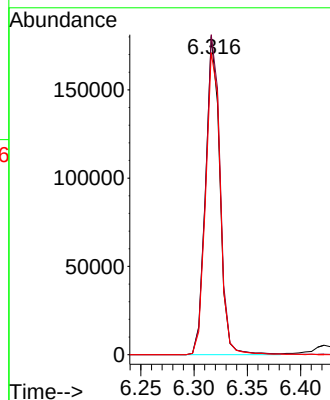
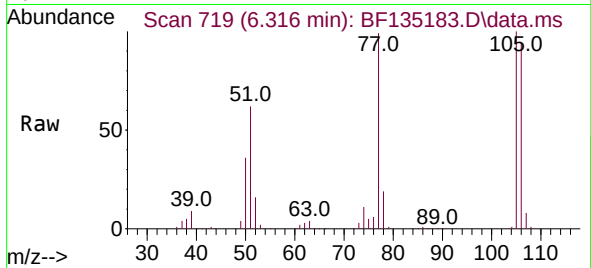
Tgt Ion: 77 Resp: 168619

Ion Ratio Lower Upper

77 100

105 100.5 81.4 121.4

106 94.9 76.9 116.9



#10

Phenol

Concen: 39.357 ng

RT: 6.416 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF135183.D

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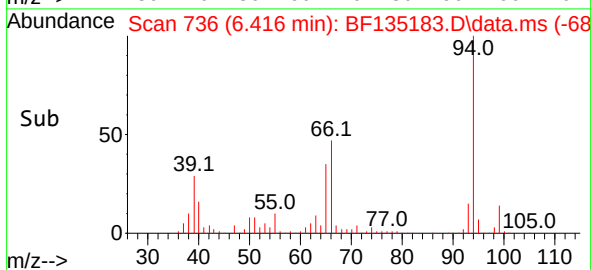
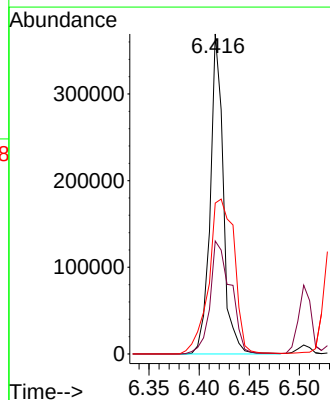
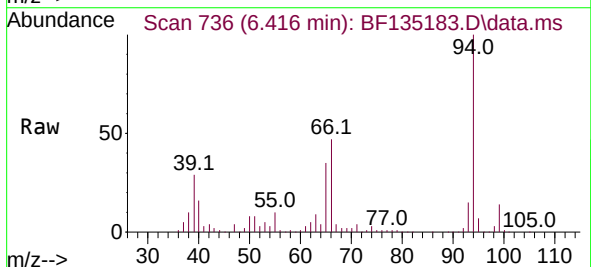
Tgt Ion: 94 Resp: 335998

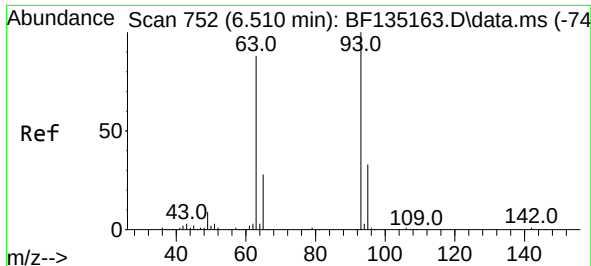
Ion Ratio Lower Upper

94 100

65 35.3 15.9 55.9

66 47.2 29.8 69.8

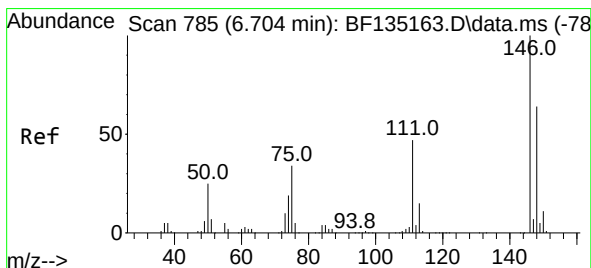
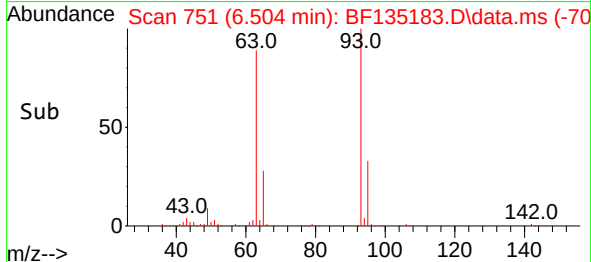
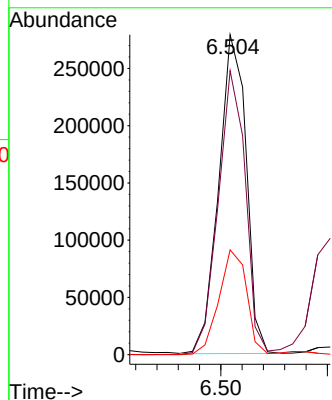
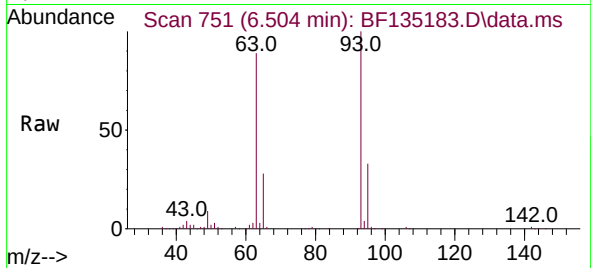




#11
bis(2-Chloroethyl)ether
Concen: 38.910 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

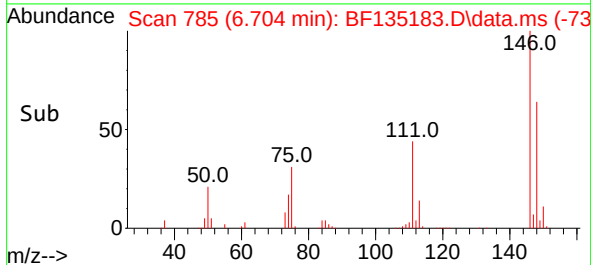
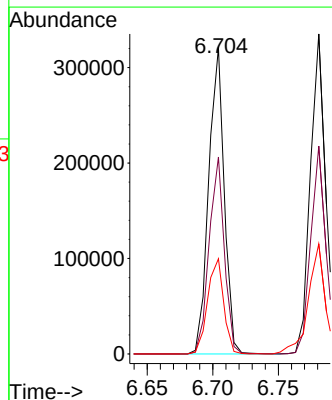
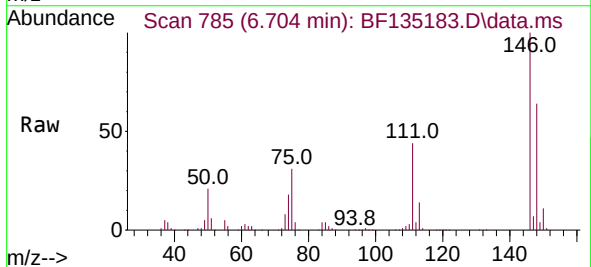
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

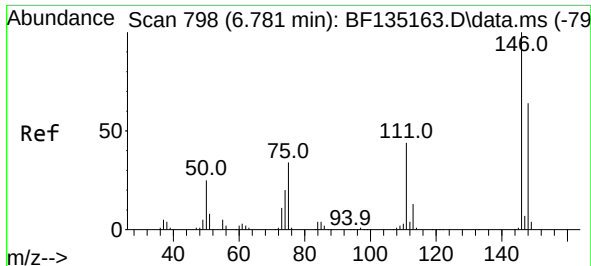
Tgt Ion: 93 Resp: 249174
Ion Ratio Lower Upper
93 100
63 88.8 67.3 107.3
95 32.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.965 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:146 Resp: 265474
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 31.1 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.477 ng

RT: 6.781 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

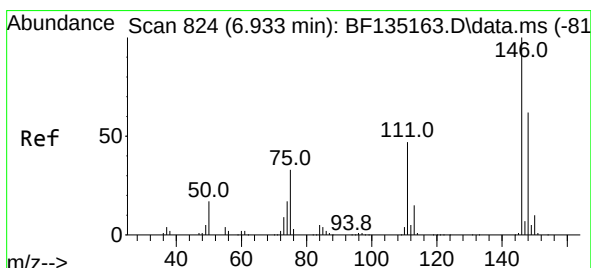
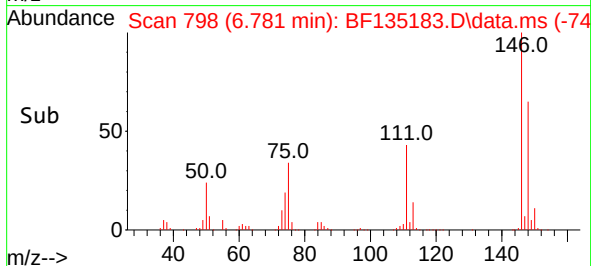
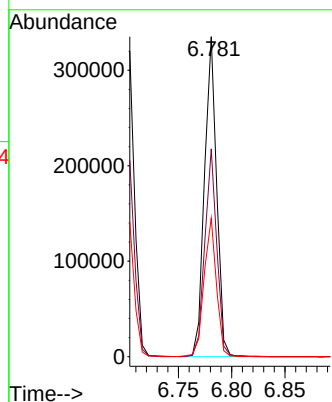
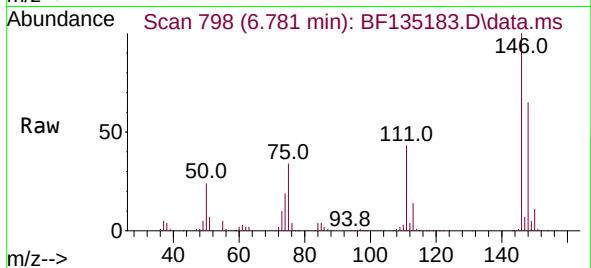
Tgt Ion:146 Resp: 266796

Ion Ratio Lower Upper

146 100

148 65.0 51.3 76.9

111 43.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 39.192 ng

RT: 6.934 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

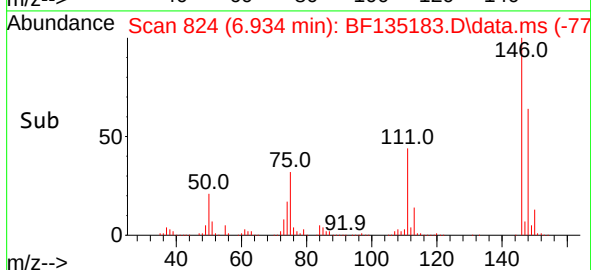
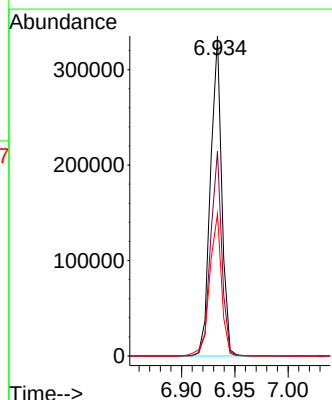
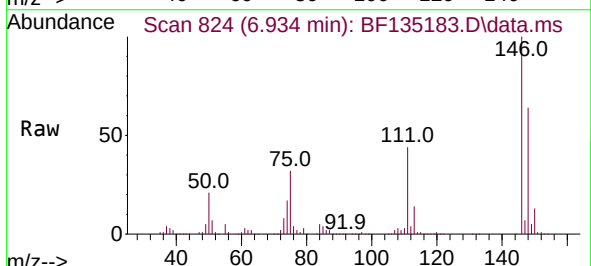
Tgt Ion:146 Resp: 245973

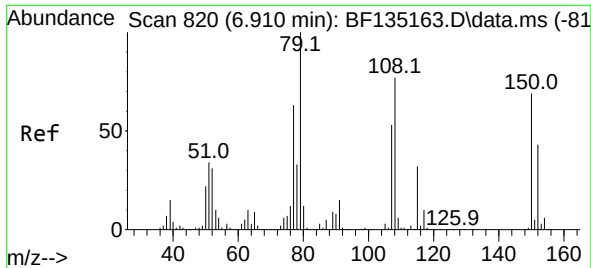
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

111 44.3 37.4 56.2

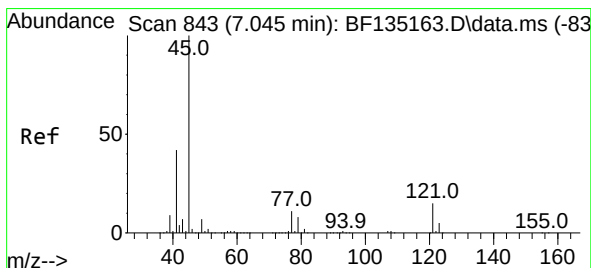
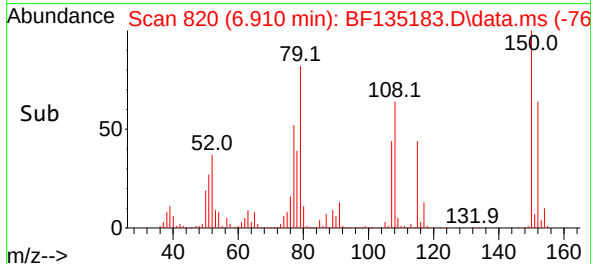
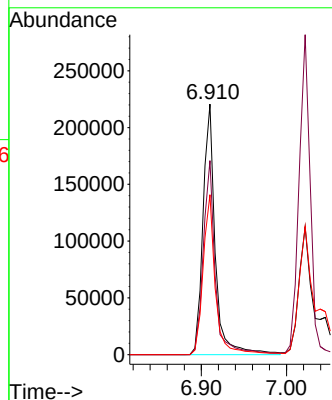
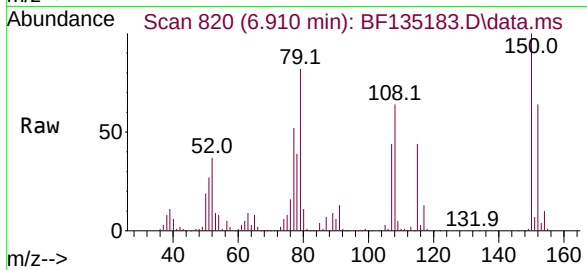




#15
Benzyl Alcohol
Concen: 39.656 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

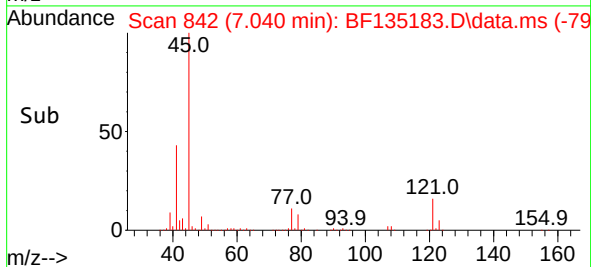
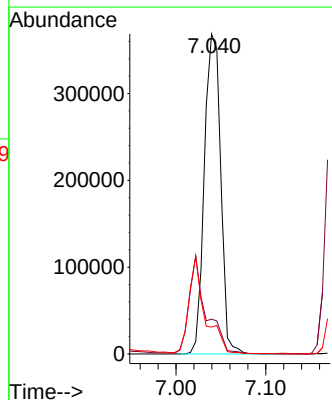
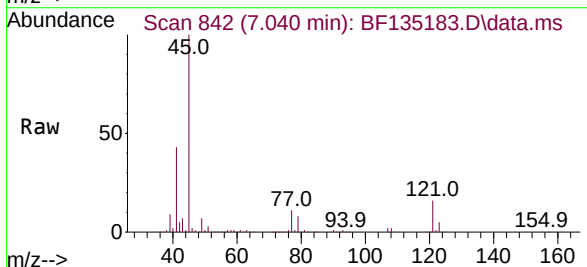
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

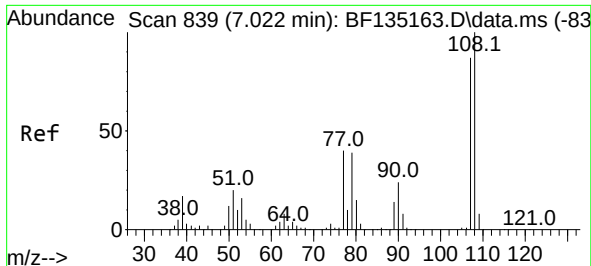
Tgt Ion: 79 Resp: 221550
Ion Ratio Lower Upper
79 100
108 77.5 61.2 91.8
77 63.8 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.562 ng
RT: 7.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion: 45 Resp: 465471
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.6
79 8.4 0.0 28.3

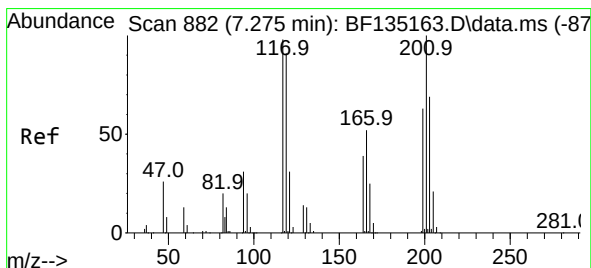
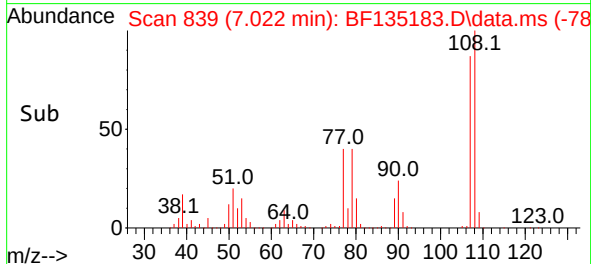
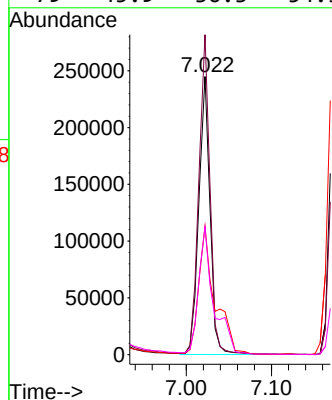
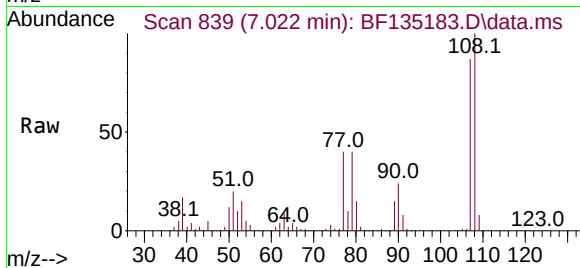




#17
2-Methylphenol
Concen: 38.862 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

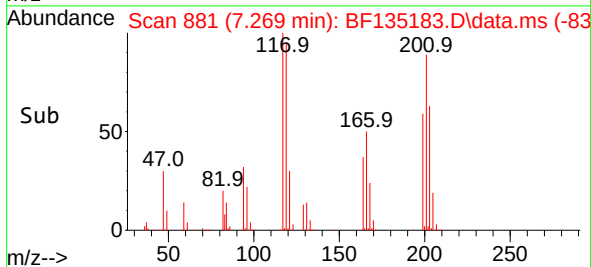
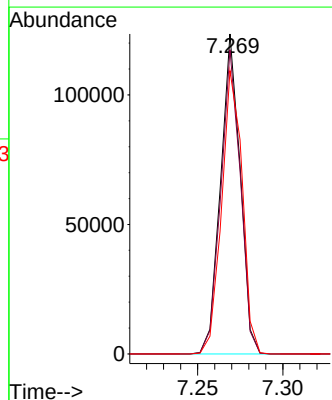
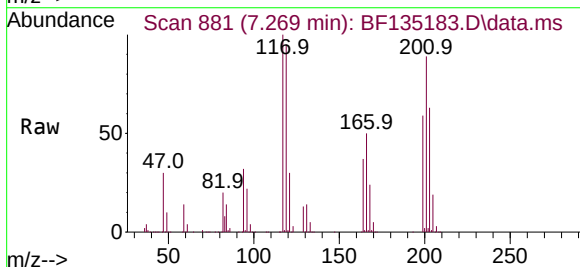
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

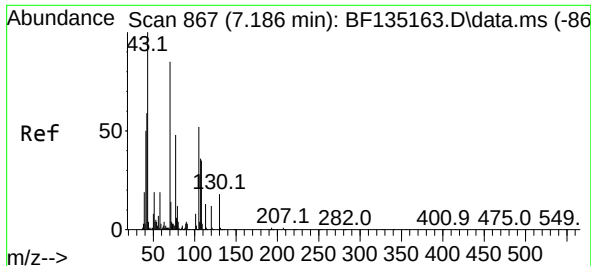
Tgt Ion:	107	Resp:	224153
Ion	Ratio	Lower	Upper
107	100		
108	115.0	92.0	138.0
77	46.1	36.7	55.1
79	45.9	36.3	54.5



#18
Hexachloroethane
Concen: 39.494 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:	117	Resp:	98622
Ion	Ratio	Lower	Upper
117	100		
119	95.1	74.7	112.1
201	88.6	81.8	122.8

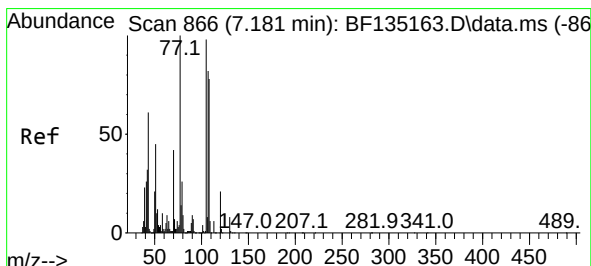
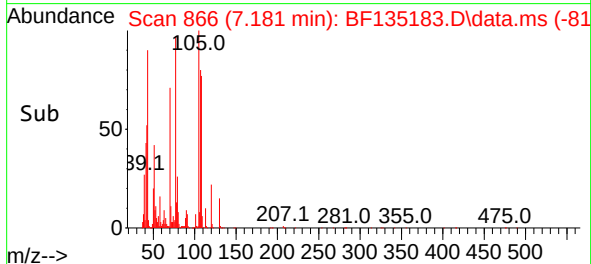
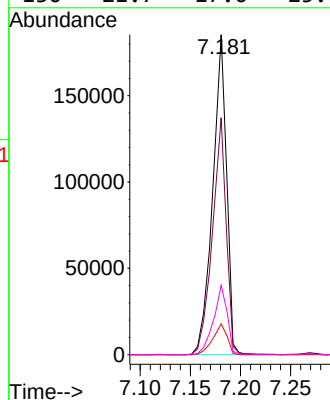
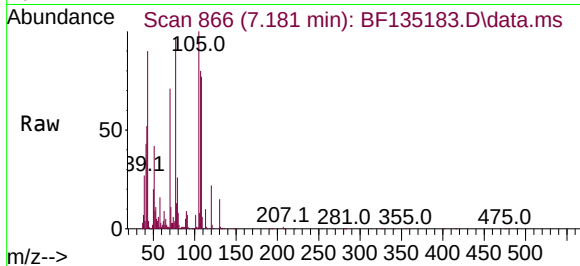




#19
n-Nitroso-di-n-propylamine
Concen: 36.993 ng
RT: 7.181 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

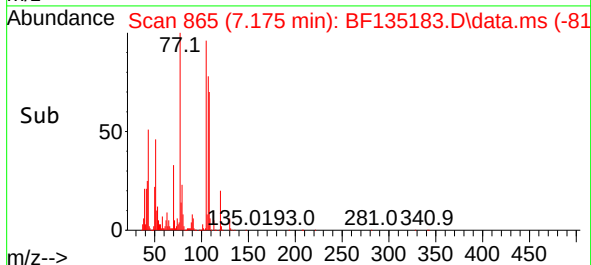
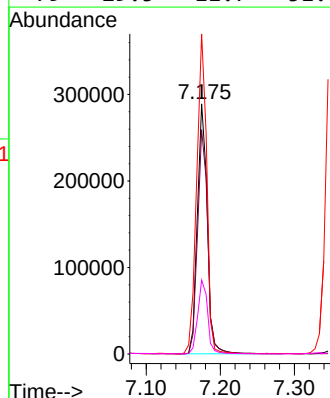
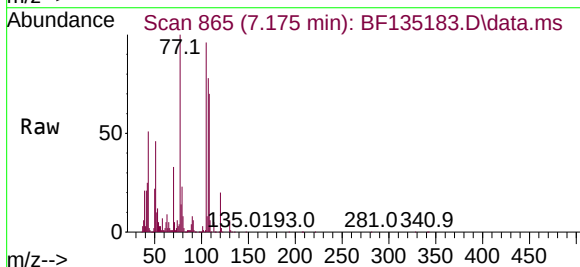
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

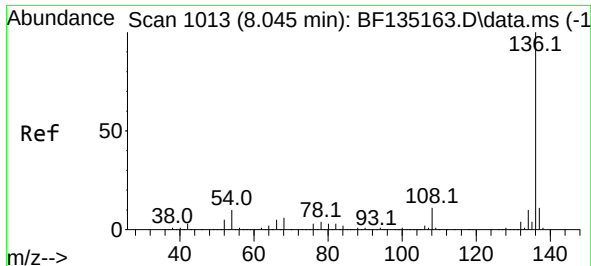
Tgt Ion: 70 Resp: 178393
Ion Ratio Lower Upper
70 100
42 74.0 55.4 83.0
101 9.6 7.7 11.5
130 21.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 38.563 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:107 Resp: 267459
Ion Ratio Lower Upper
107 100
108 89.7 74.7 114.7
77 127.9 102.0 142.0
79 29.5 11.7 51.7

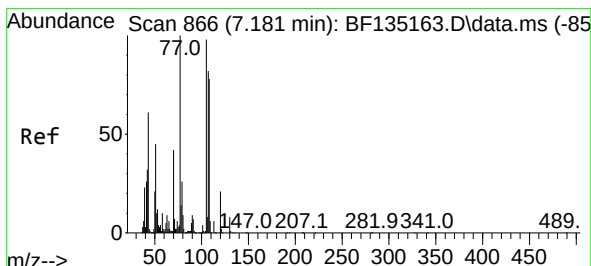
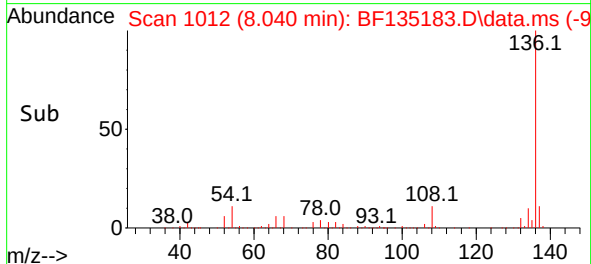
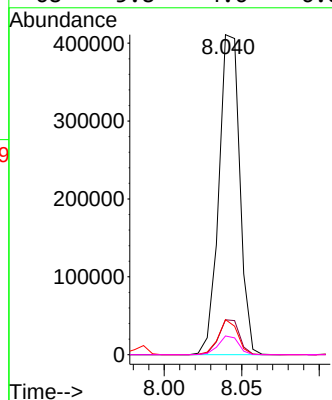
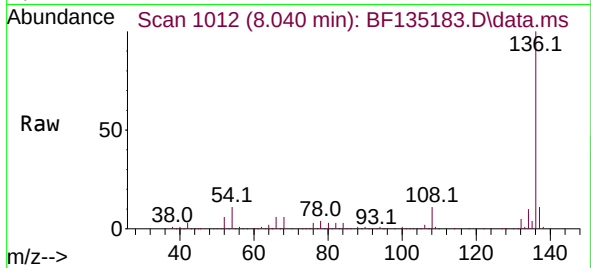




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

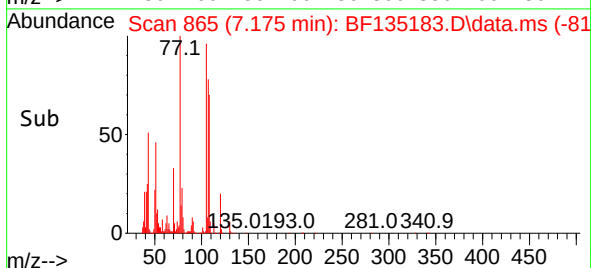
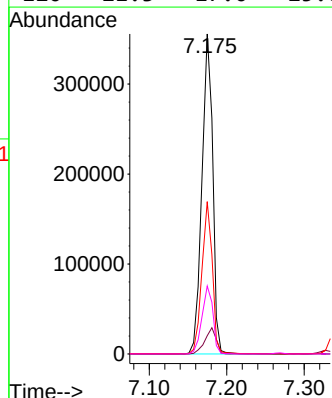
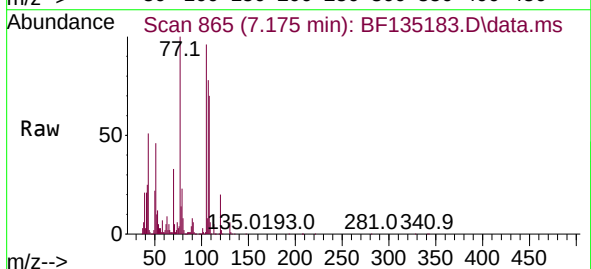
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

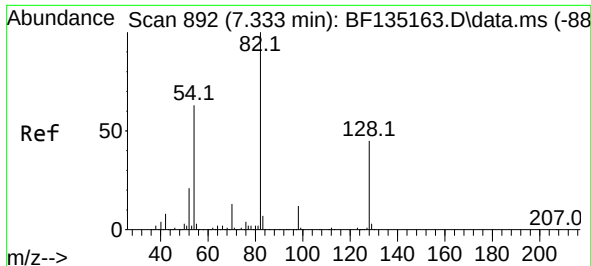
Tgt Ion:136 Resp: 385877
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.0 7.7 11.5
68 5.8 4.6 6.8



#22
Acetophenone
Concen: 39.032 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:105 Resp: 344347
Ion Ratio Lower Upper
105 100
71 5.7 5.8 8.6#
51 47.6 37.0 55.4
120 21.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 79.772 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

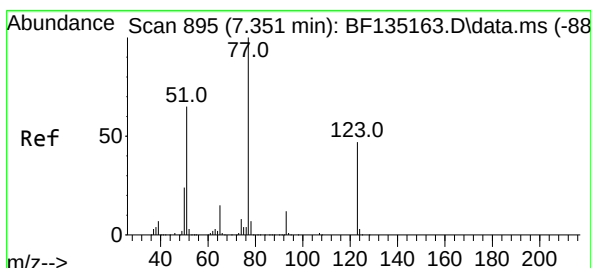
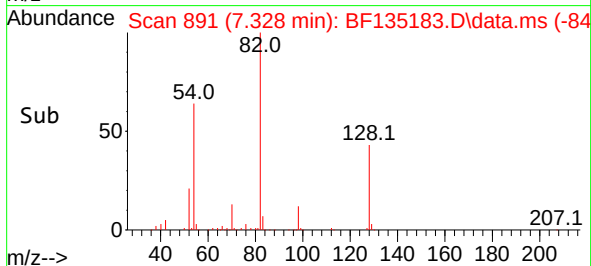
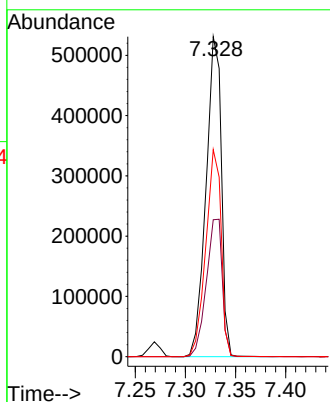
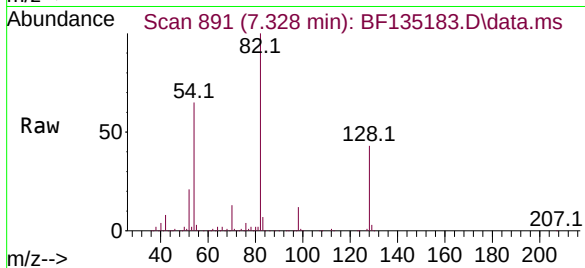
Tgt Ion: 82 Resp: 566581

Ion Ratio Lower Upper

82 100

128 42.8 35.8 53.6

54 64.7 50.6 76.0



#24

Nitrobenzene

Concen: 40.088 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

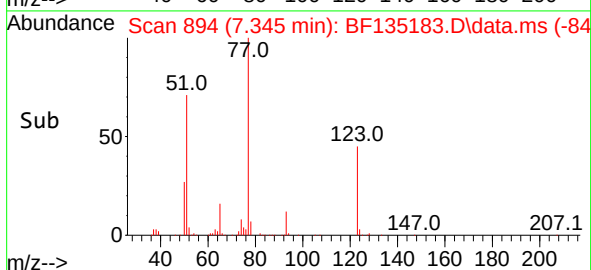
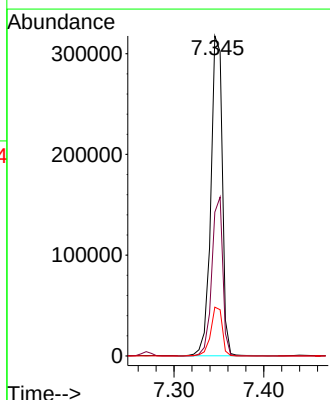
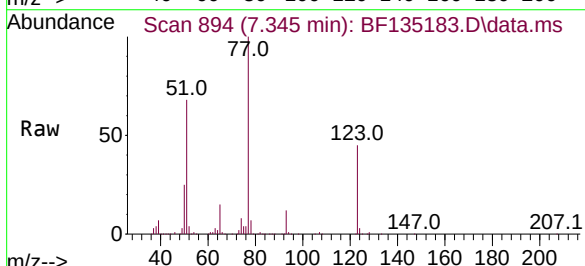
Tgt Ion: 77 Resp: 281425

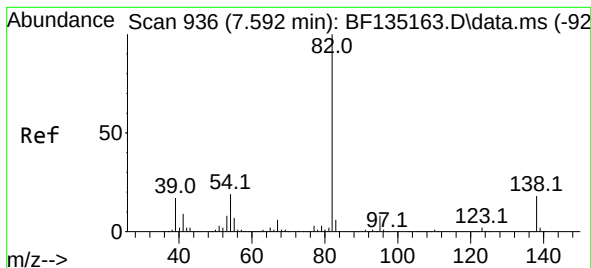
Ion Ratio Lower Upper

77 100

123 44.9 37.6 56.4

65 15.3 12.2 18.4





#25

Isophorone

Concen: 38.889 ng

RT: 7.587 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

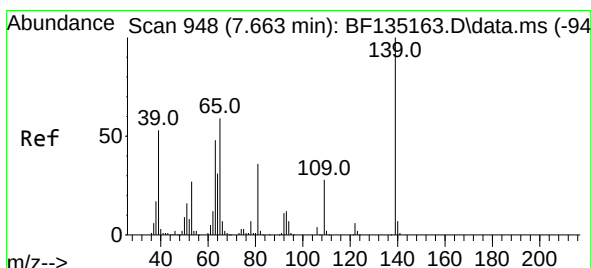
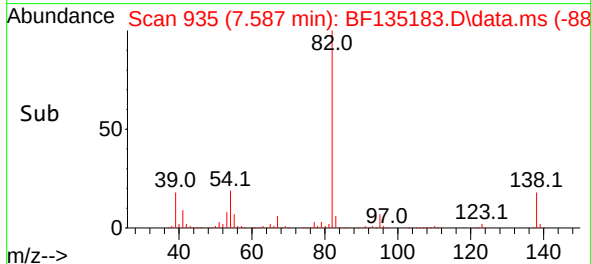
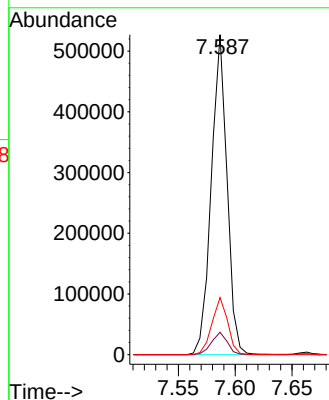
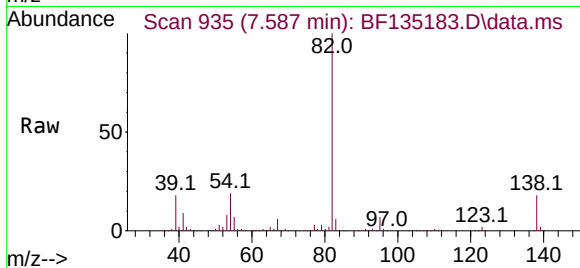
Tgt Ion: 82 Resp: 507202

Ion Ratio Lower Upper

82 100

95 7.0 6.0 9.0

138 17.8 14.5 21.7



#26

2-Nitrophenol

Concen: 41.321 ng

RT: 7.663 min Scan# 948

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

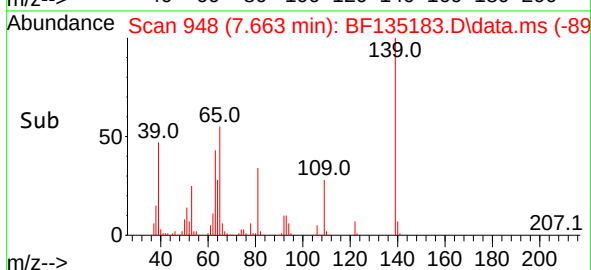
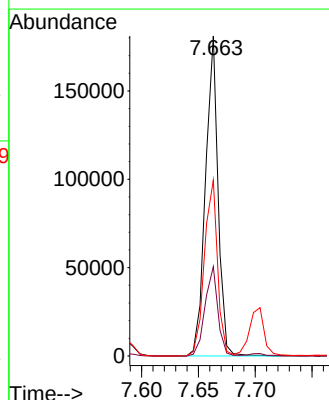
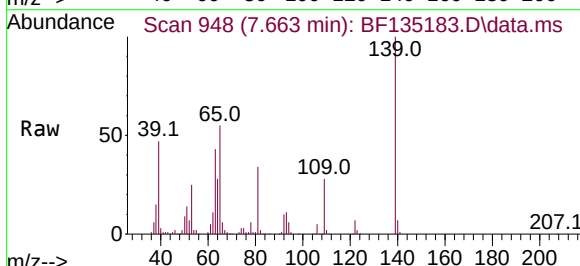
Tgt Ion:139 Resp: 139223

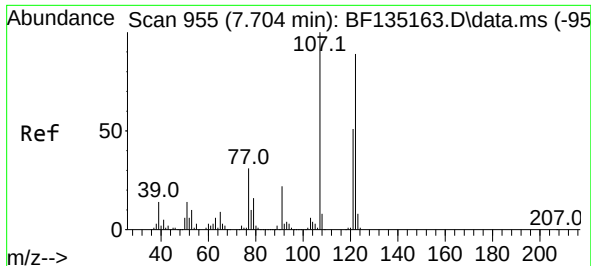
Ion Ratio Lower Upper

139 100

109 27.9 22.6 33.8

65 54.9 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 39.660 ng

RT: 7.704 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

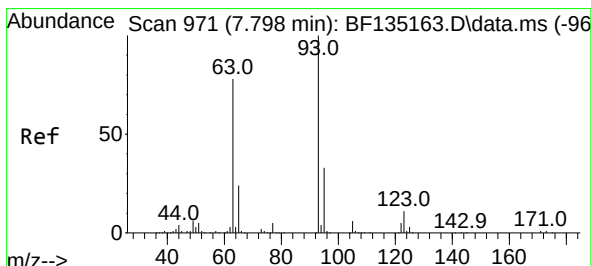
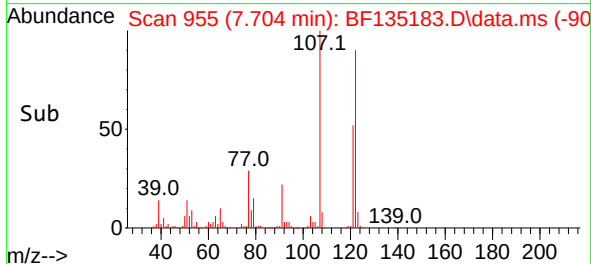
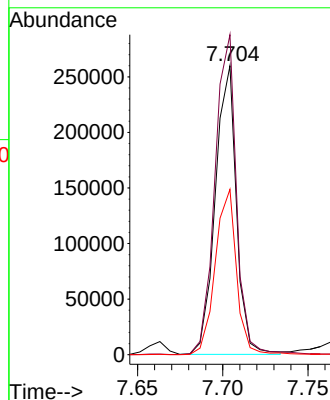
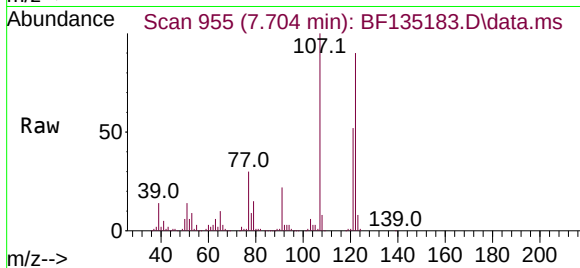
Tgt Ion:122 Resp: 224611

Ion Ratio Lower Upper

122 100

107 110.8 90.2 135.4

121 57.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.163 ng

RT: 7.798 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

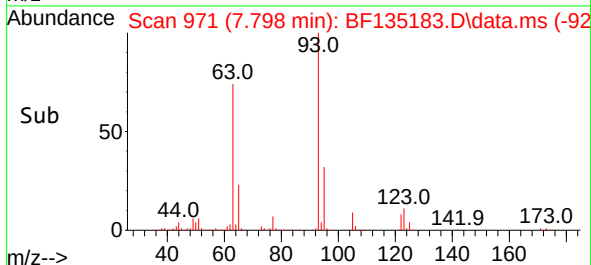
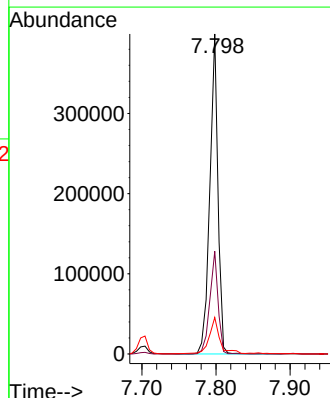
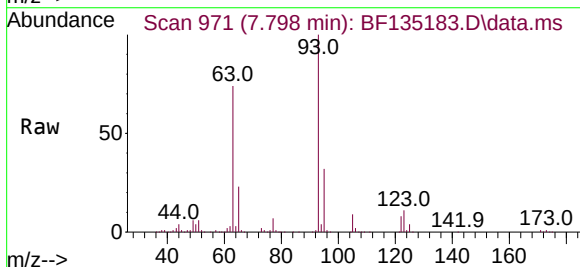
Tgt Ion: 93 Resp: 305715

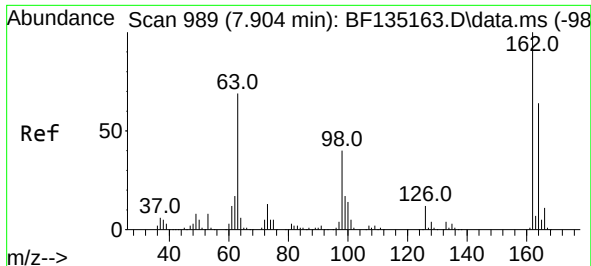
Ion Ratio Lower Upper

93 100

95 32.1 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 39.492 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

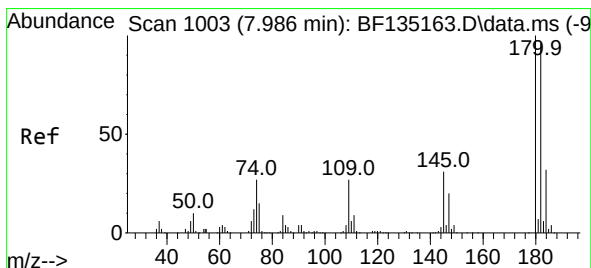
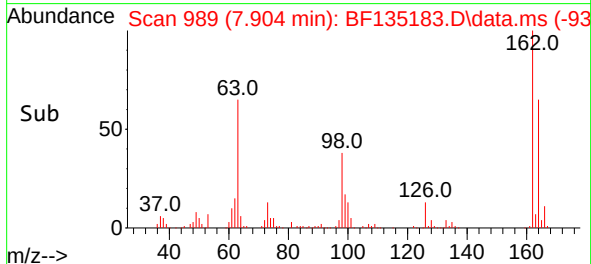
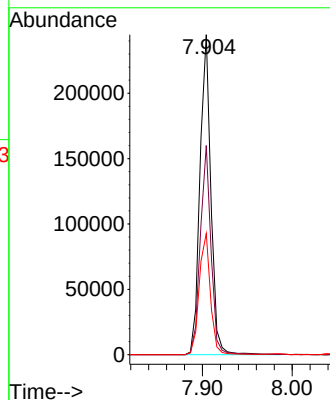
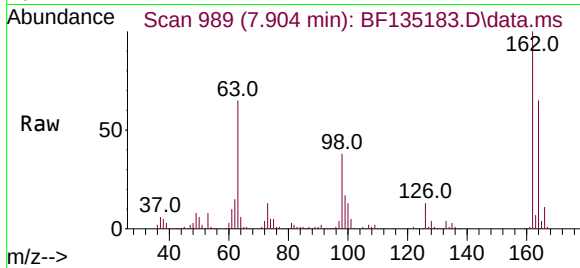
Tgt Ion:162 Resp: 207247

Ion Ratio Lower Upper

162 100

164 65.4 44.1 84.1

98 37.9 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 39.847 ng

RT: 7.987 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

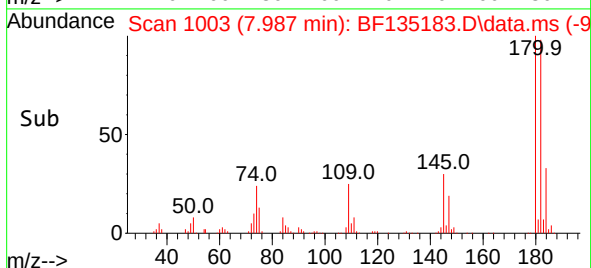
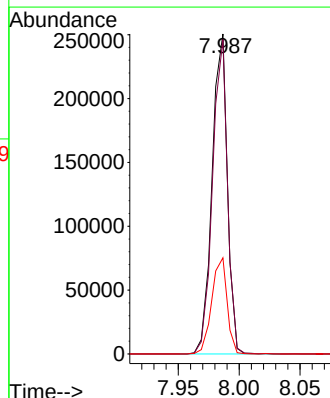
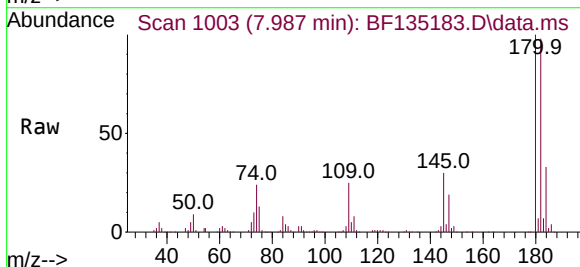
Tgt Ion:180 Resp: 218568

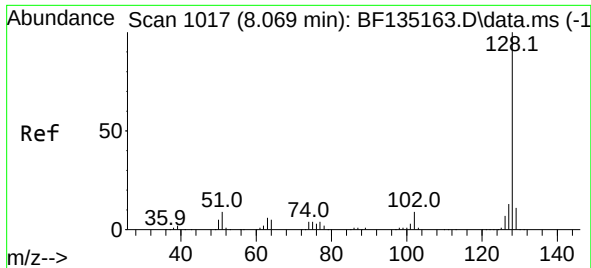
Ion Ratio Lower Upper

180 100

182 98.3 76.9 115.3

145 30.1 24.5 36.7

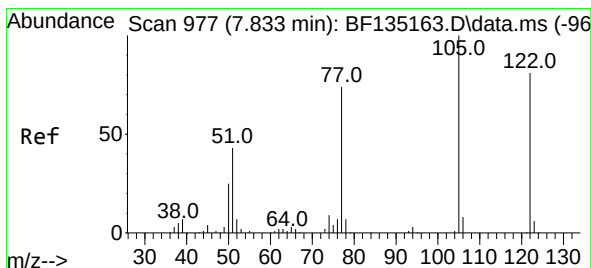
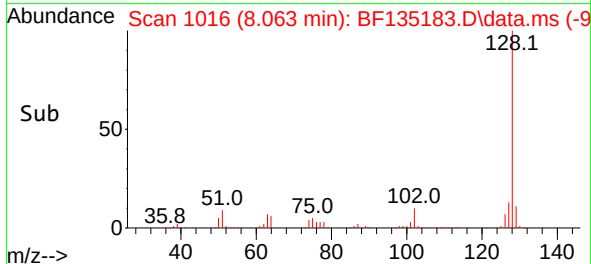
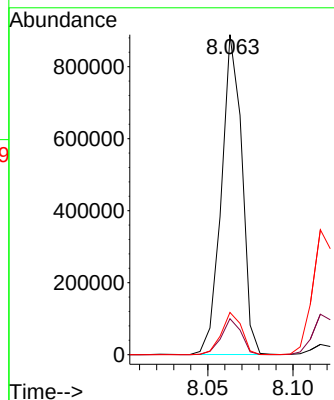
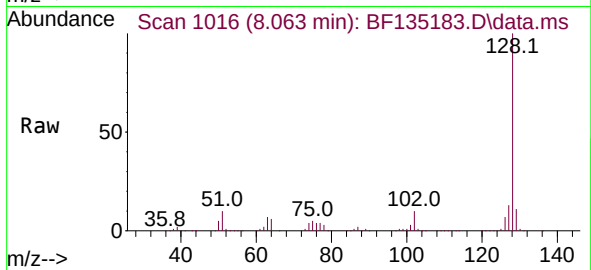




#31
Naphthalene
Concen: 39.596 ng
RT: 8.063 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

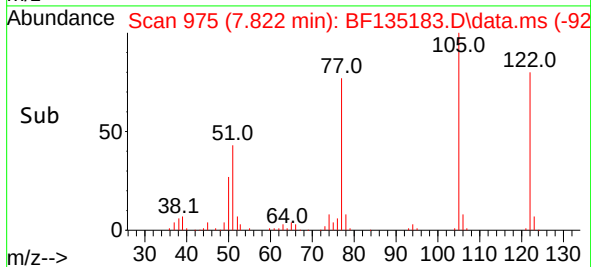
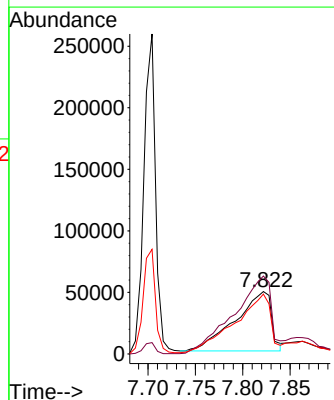
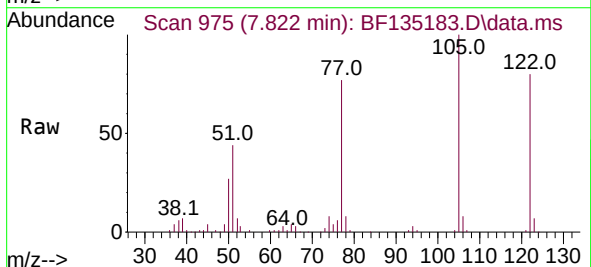
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

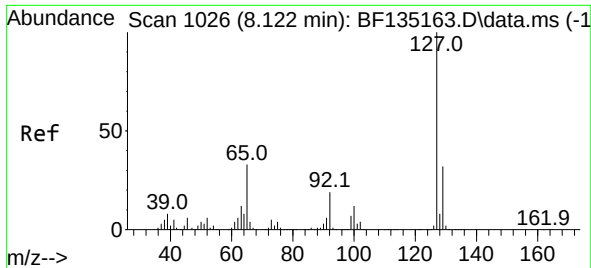
Tgt Ion:128 Resp: 742370
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 30.164 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:122 Resp: 128636
Ion Ratio Lower Upper
122 100
105 125.0 99.9 139.9
77 96.1 70.0 110.0

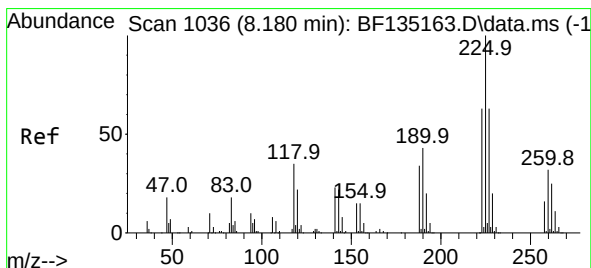
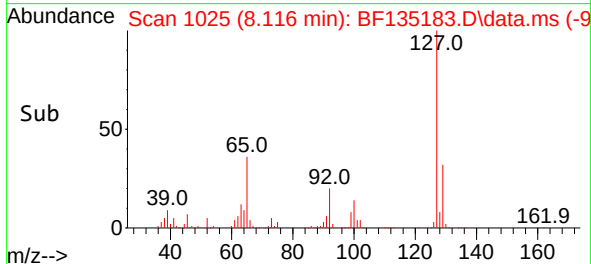
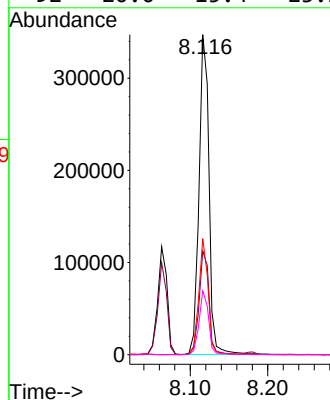
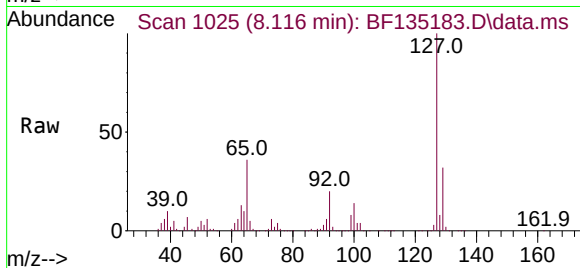




#33
4-Chloroaniline
Concen: 37.799 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

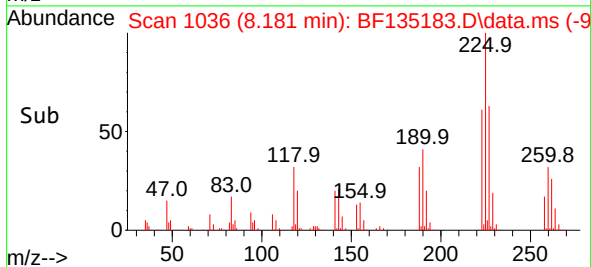
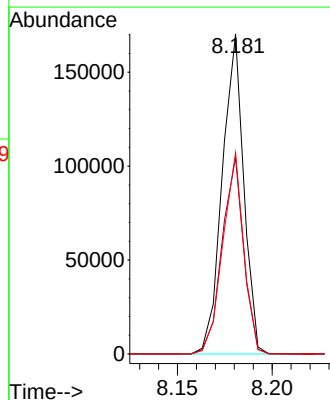
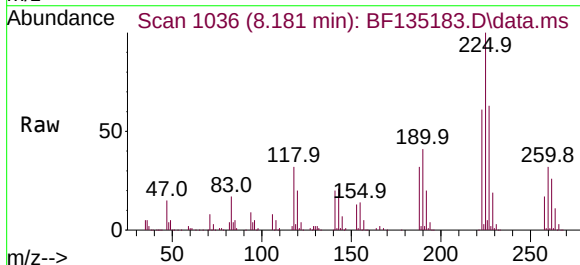
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

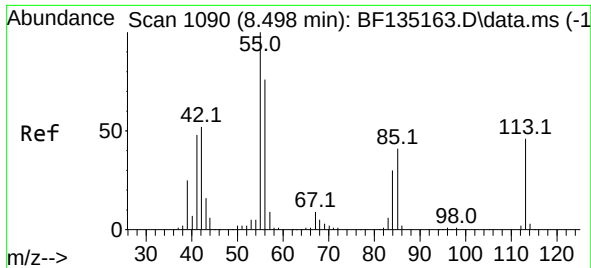
Tgt Ion:	127	Resp:	310925
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.8
65	36.2	26.6	39.8
92	20.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.595 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:	225	Resp:	134263
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	75.8
227	62.9	50.8	76.2

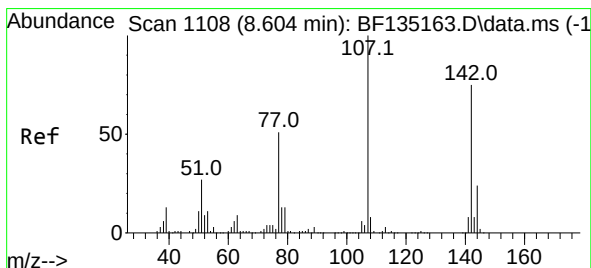
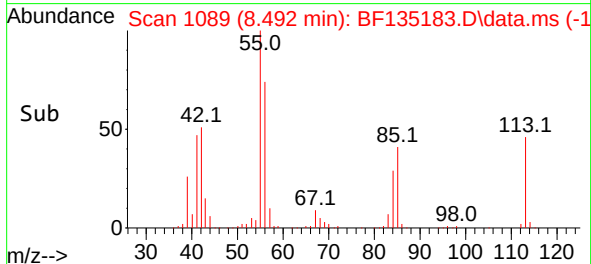
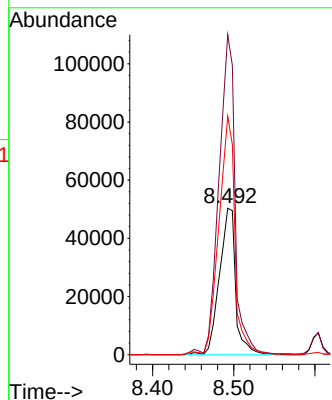
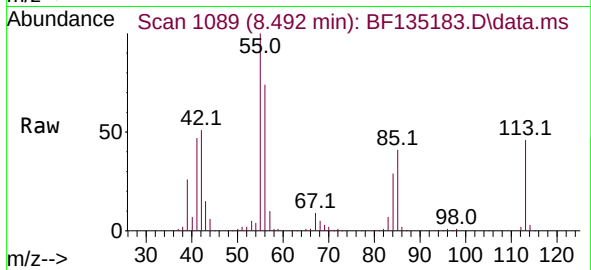




#35
 Caprolactam
 Concen: 39.597 ng
 RT: 8.492 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

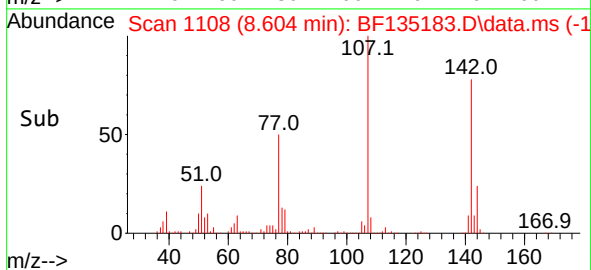
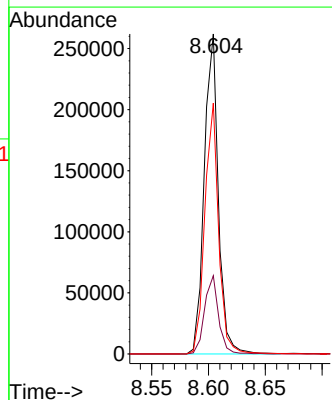
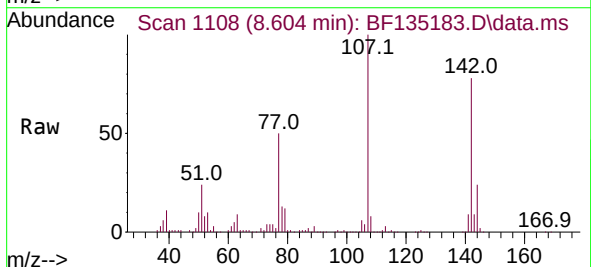
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

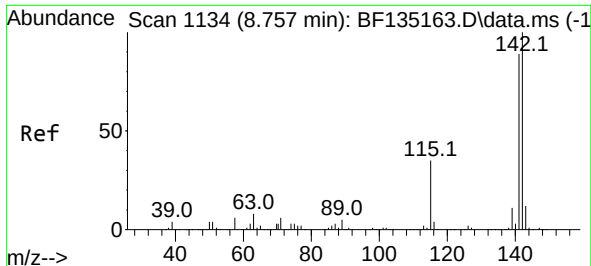
Tgt Ion:113 Resp: 69740
 Ion Ratio Lower Upper
 113 100
 55 218.6 199.3 239.3
 56 162.8 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.767 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

Tgt Ion:107 Resp: 226106
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.0 28.4
 142 78.4 60.2 90.2

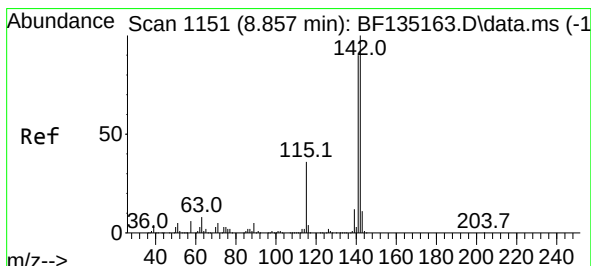
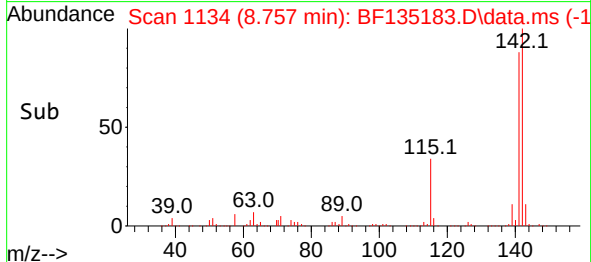
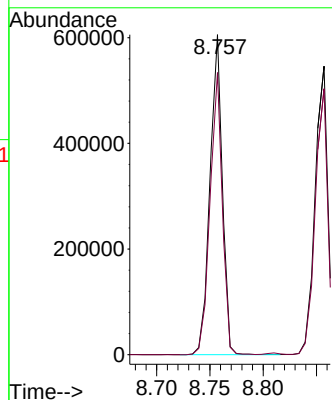
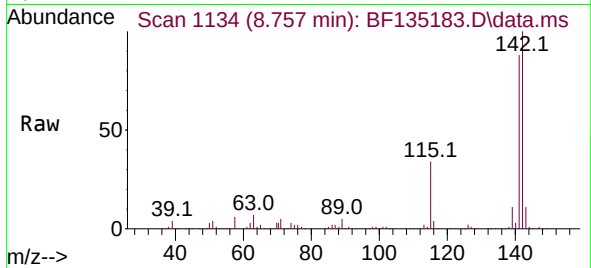




#37
2-Methylnaphthalene
Concen: 38.835 ng
RT: 8.757 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

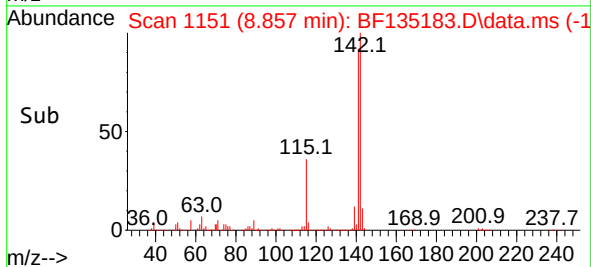
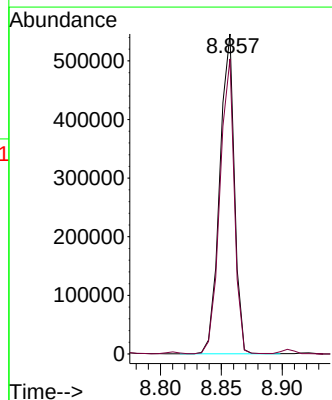
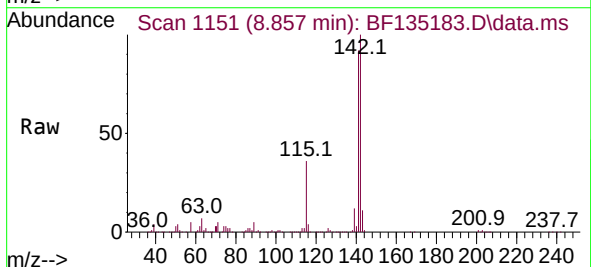
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

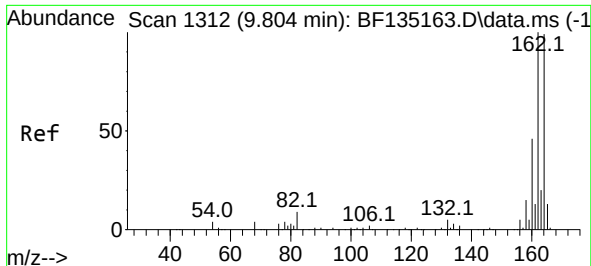
Tgt Ion:142 Resp: 489431
Ion Ratio Lower Upper
142 100
141 88.1 71.0 106.6



#38
1-Methylnaphthalene
Concen: 38.886 ng
RT: 8.857 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:142 Resp: 458821
Ion Ratio Lower Upper
142 100
141 92.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

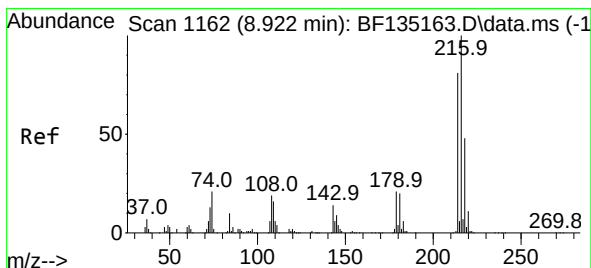
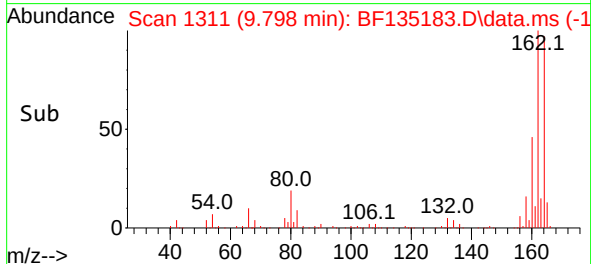
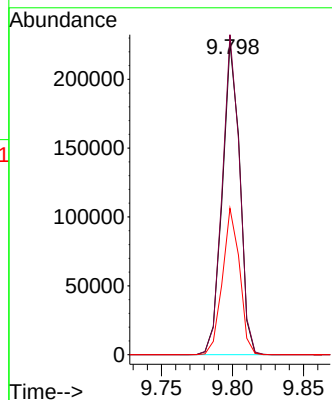
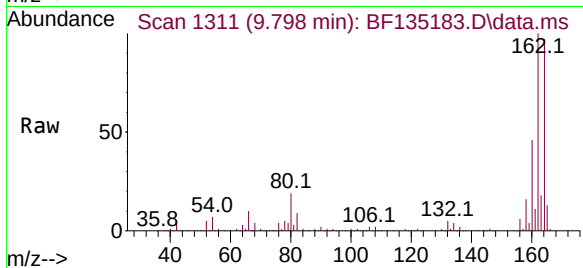
Tgt Ion:164 Resp: 192135

Ion Ratio Lower Upper

164 100

162 102.6 81.0 121.4

160 46.9 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.947 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Tgt Ion:216 Resp: 222359

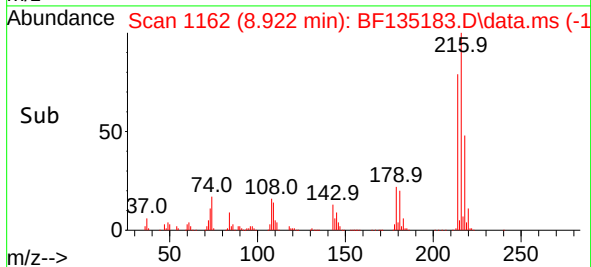
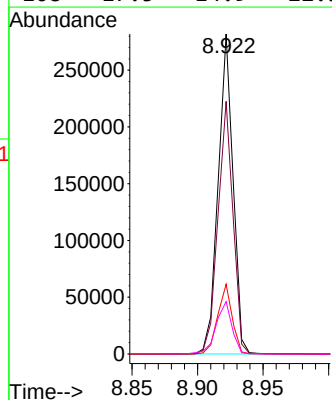
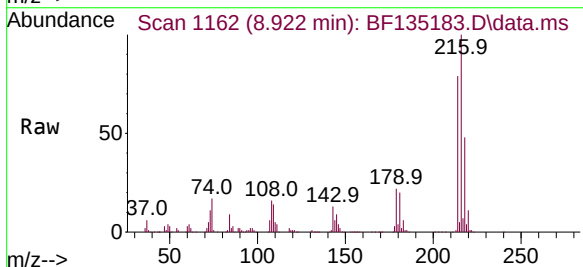
Ion Ratio Lower Upper

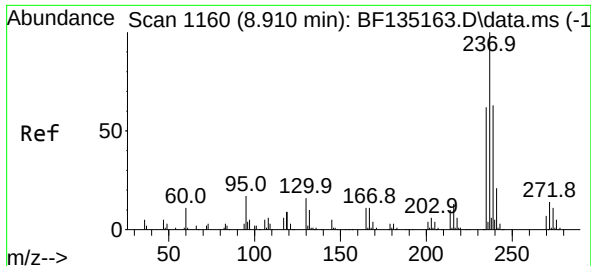
216 100

214 79.6 63.7 95.5

179 21.2 16.7 25.1

108 17.5 14.9 22.3

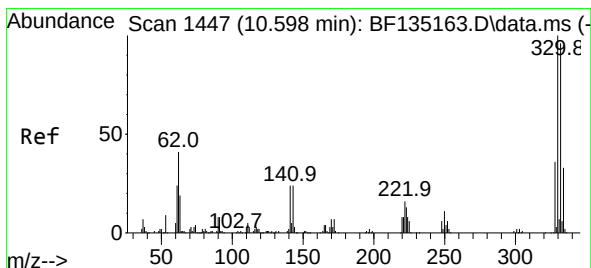
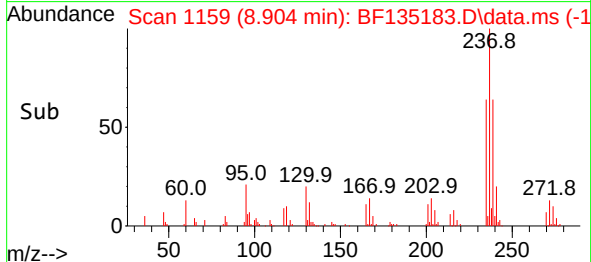
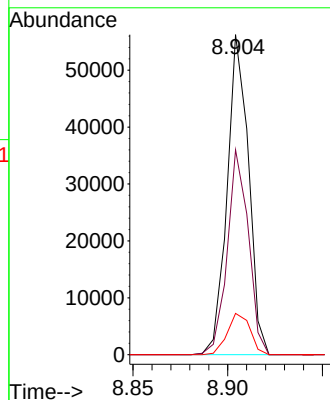
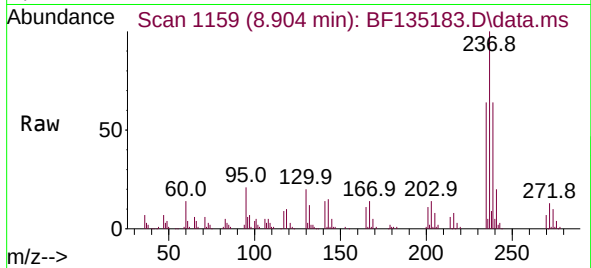




#41
Hexachlorocyclopentadiene
Concen: 23.723 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

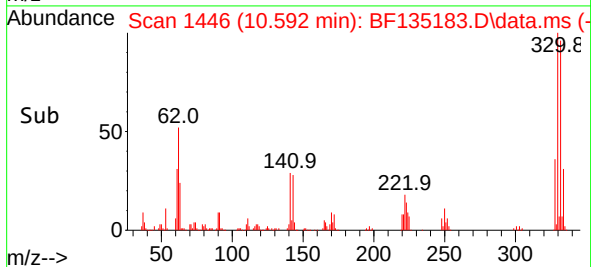
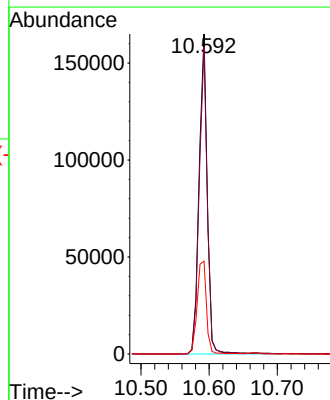
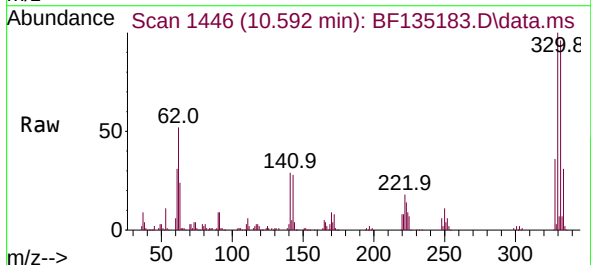
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

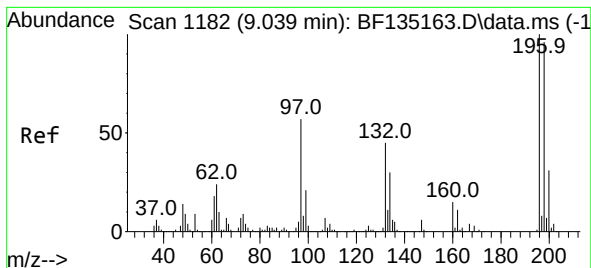
Tgt Ion:237 Resp: 44149
Ion Ratio Lower Upper
237 100
235 64.0 41.8 81.8
272 12.9 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 71.455 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:330 Resp: 136434
Ion Ratio Lower Upper
330 100
332 94.9 77.3 115.9
141 32.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 40.745 ng

RT: 9.039 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

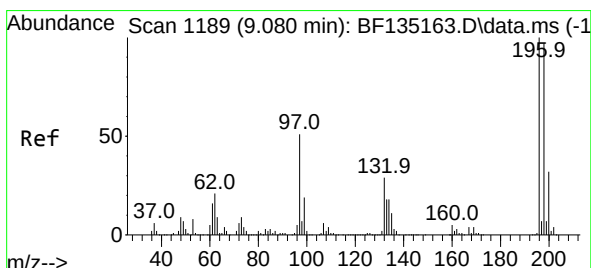
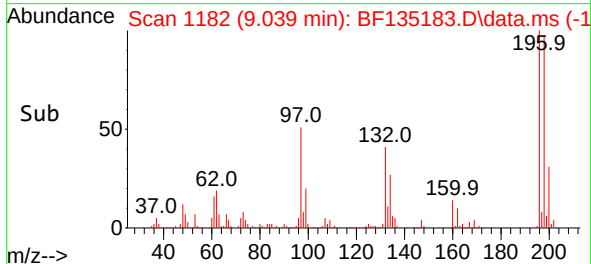
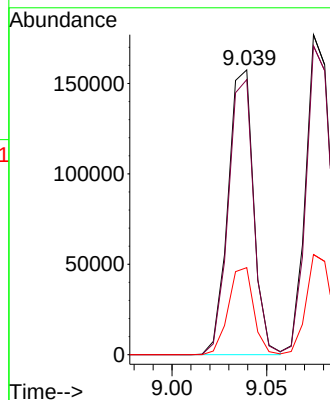
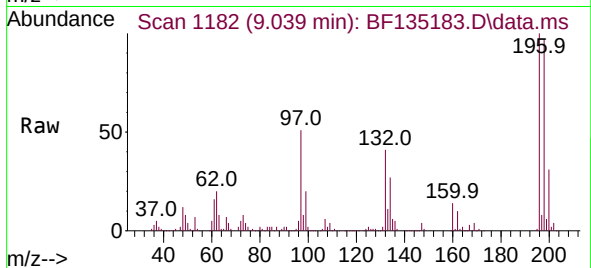
Tgt Ion:196 Resp: 148495

Ion Ratio Lower Upper

196 100

198 96.5 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 40.593 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Tgt Ion:196 Resp: 170372

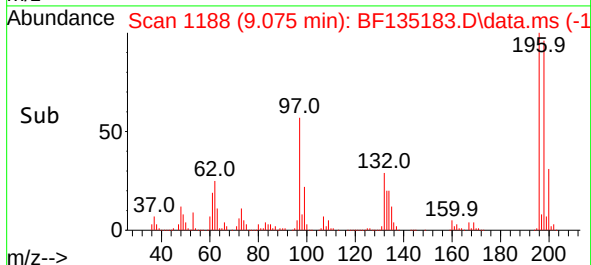
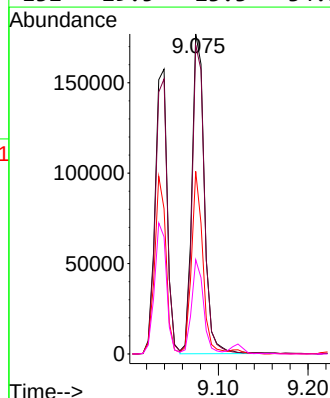
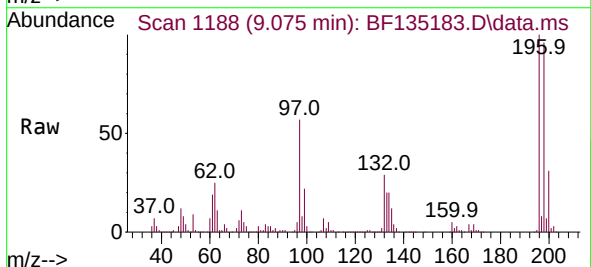
Ion Ratio Lower Upper

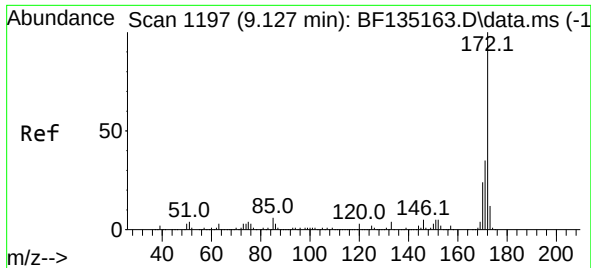
196 100

198 96.5 77.5 116.3

97 57.1 40.5 60.7

132 29.5 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 79.046 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

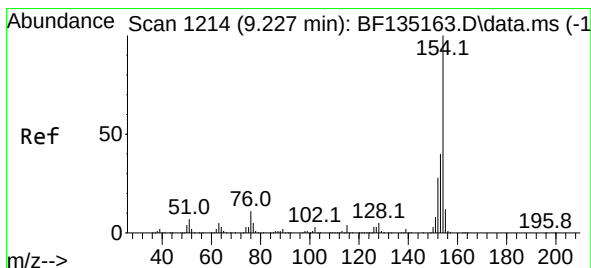
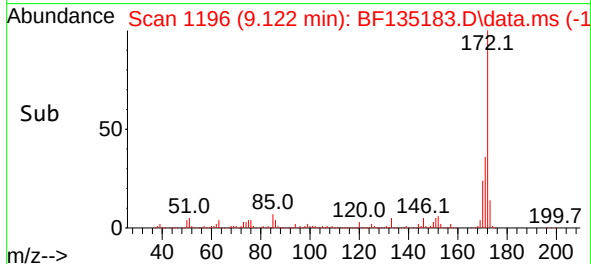
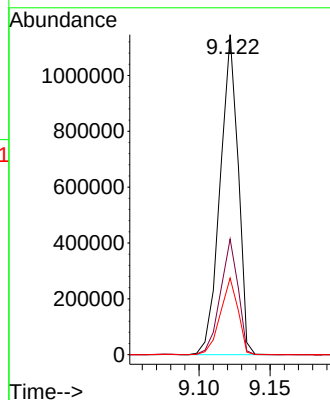
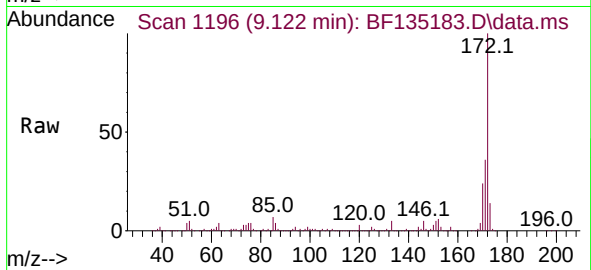
Tgt Ion:172 Resp: 1006646

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.0 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.563 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

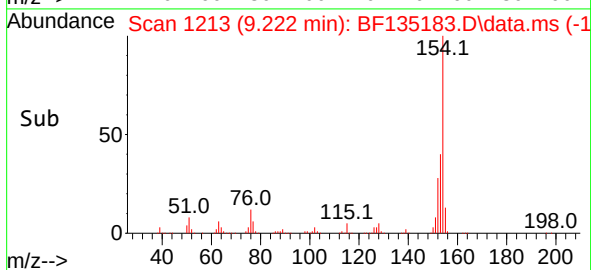
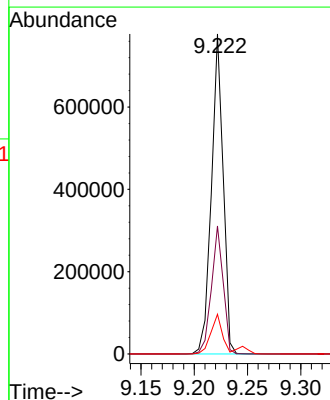
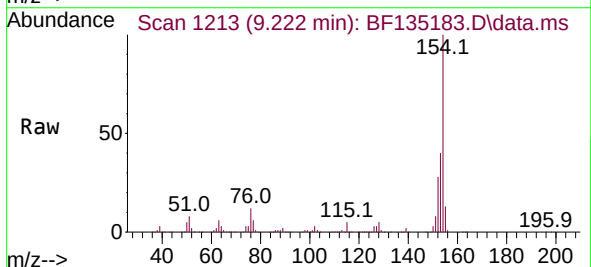
Tgt Ion:154 Resp: 598925

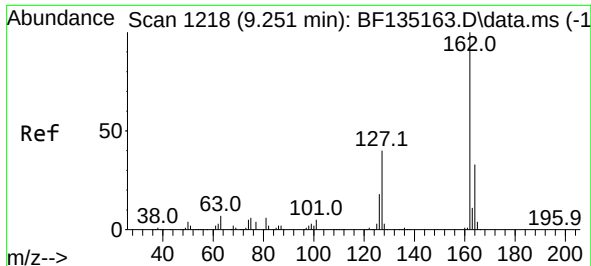
Ion Ratio Lower Upper

154 100

153 40.0 19.6 59.6

76 12.4 0.0 31.0





#47

2-Chloronaphthalene

Concen: 40.446 ng

RT: 9.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

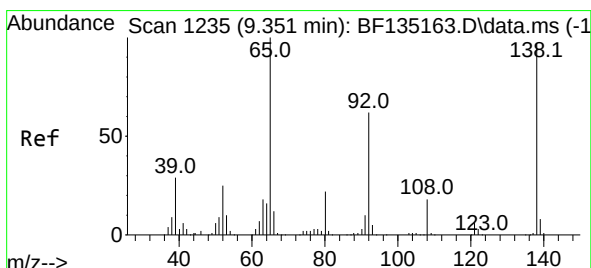
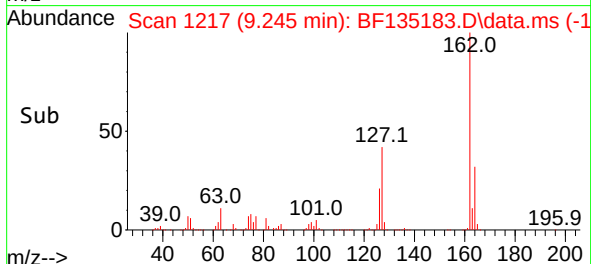
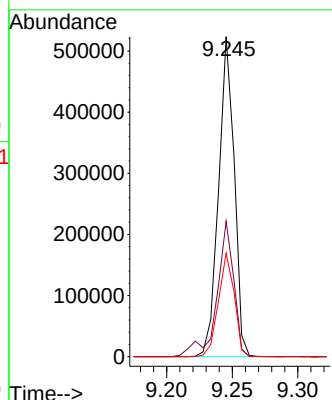
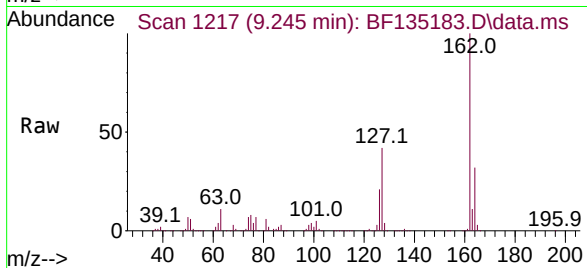
Tgt Ion:162 Resp: 433303

Ion Ratio Lower Upper

162 100

127 42.3 32.6 48.8

164 32.3 26.2 39.2



#48

2-Nitroaniline

Concen: 40.802 ng

RT: 9.345 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

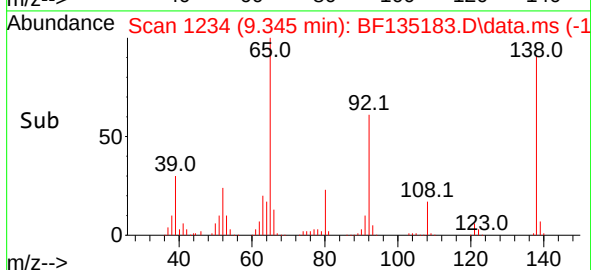
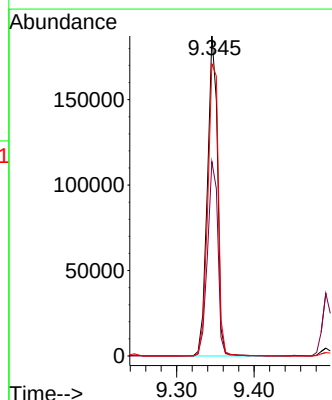
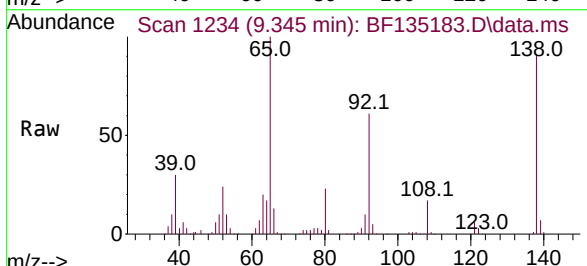
Tgt Ion: 65 Resp: 169818

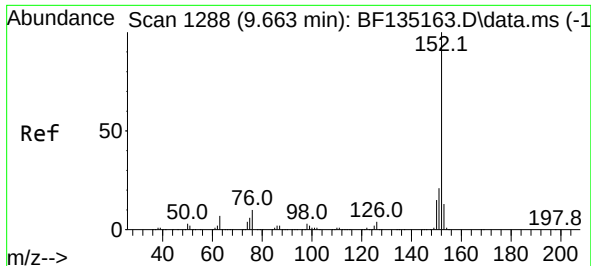
Ion Ratio Lower Upper

65 100

92 60.7 49.4 74.0

138 91.3 77.4 116.0





#49

Acenaphthylene

Concen: 39.468 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

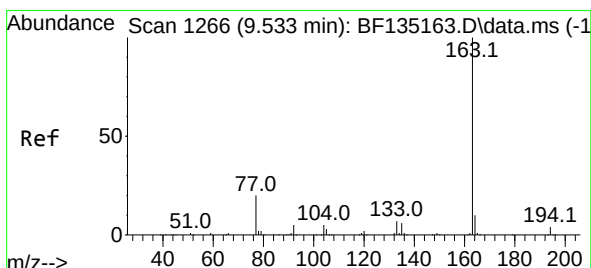
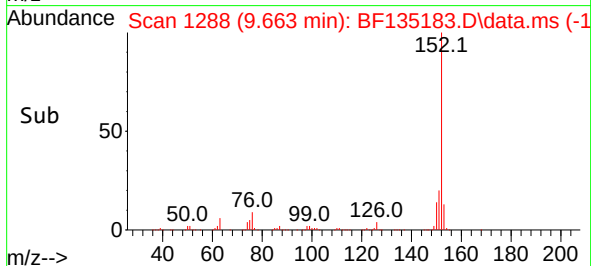
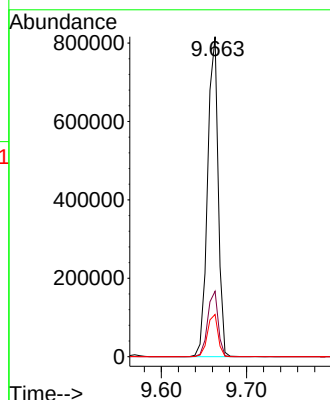
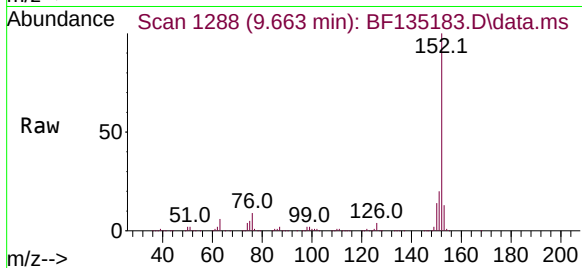
Tgt Ion:152 Resp: 702703

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 39.986 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.005 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

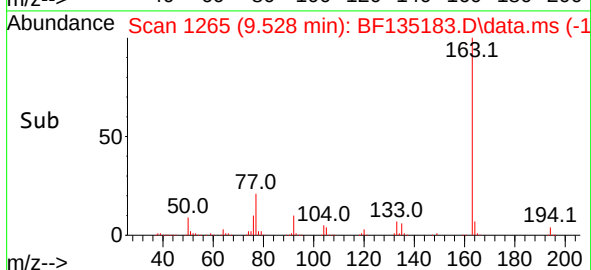
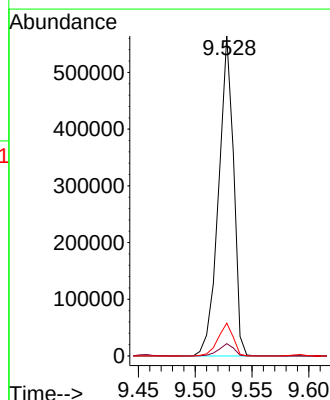
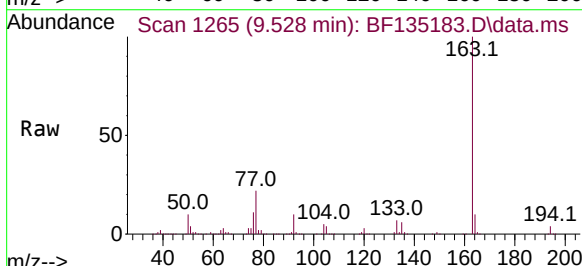
Tgt Ion:163 Resp: 519424

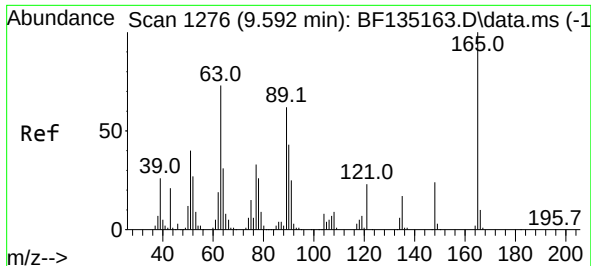
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 39.951 ng

RT: 9.592 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

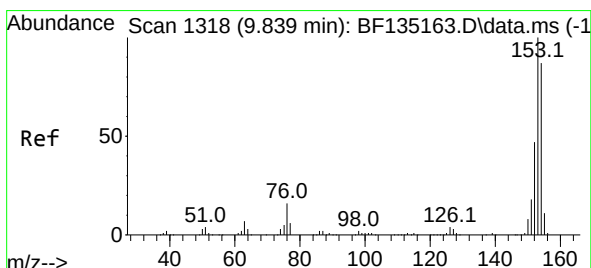
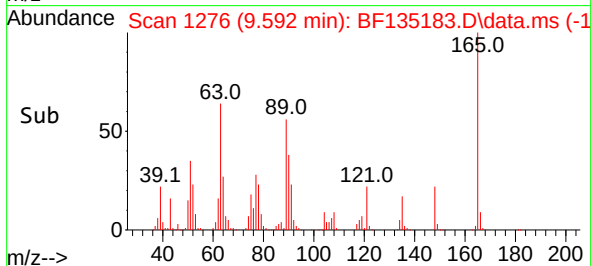
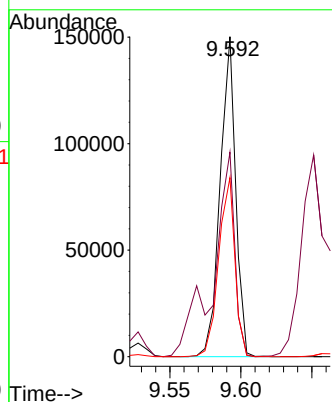
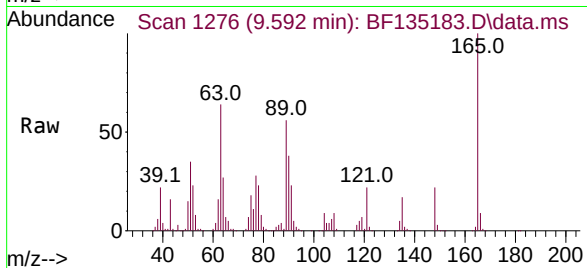
Tgt Ion:165 Resp: 113691

Ion Ratio Lower Upper

165 100

63 63.9 59.4 89.2

89 55.9 49.8 74.8



#52

Acenaphthene

Concen: 39.267 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.005 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

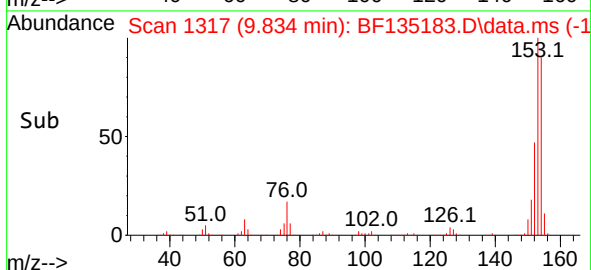
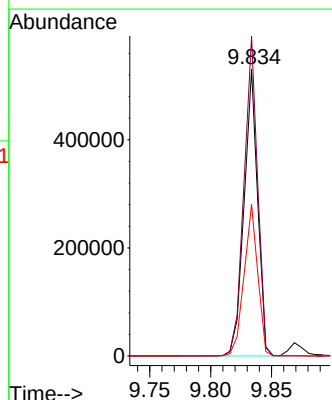
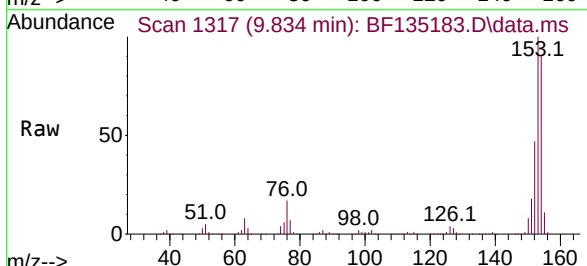
Tgt Ion:154 Resp: 412999

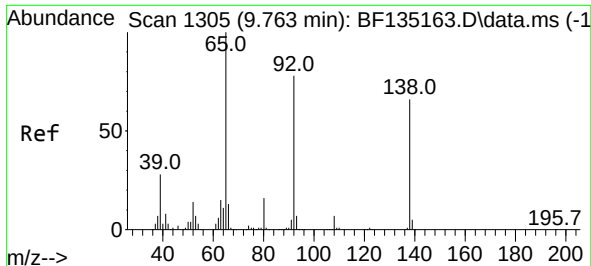
Ion Ratio Lower Upper

154 100

153 111.7 92.1 138.1

152 52.9 43.1 64.7

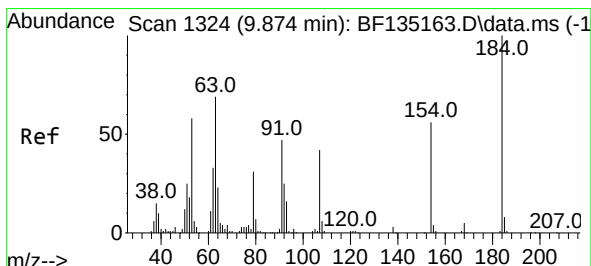
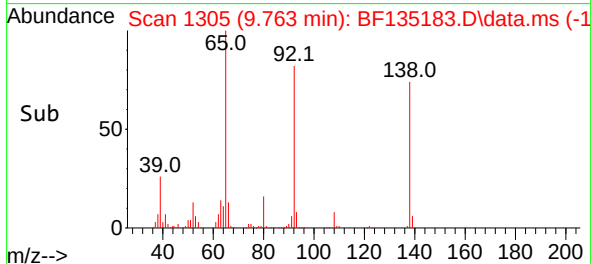
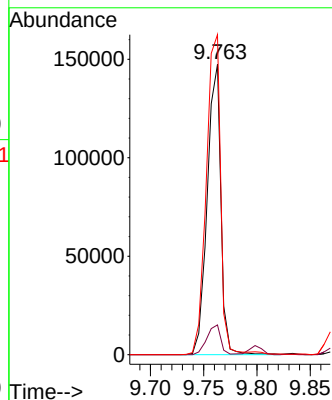
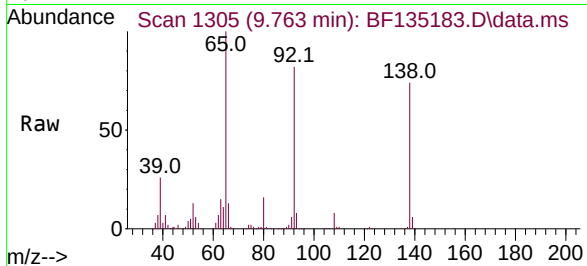




#53
3-Nitroaniline
Concen: 39.444 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

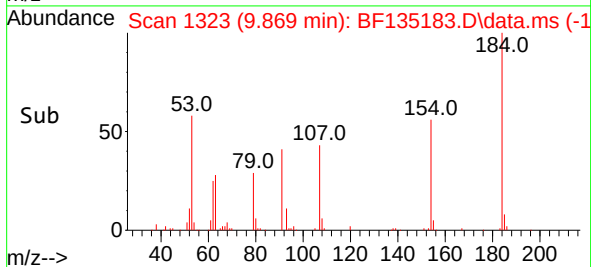
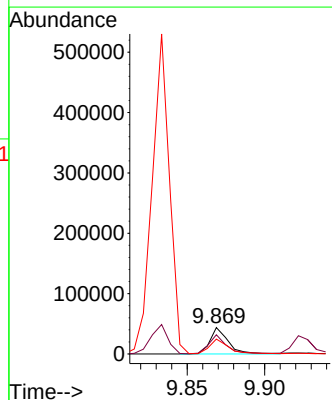
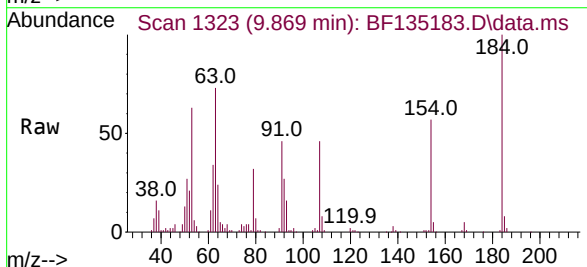
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

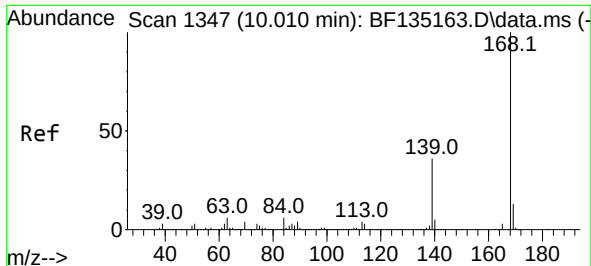
Tgt Ion:138 Resp: 131759
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 110.2 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 26.644 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:184 Resp: 35742
Ion Ratio Lower Upper
184 100
63 73.0 55.1 82.7
154 56.5 48.4 72.6

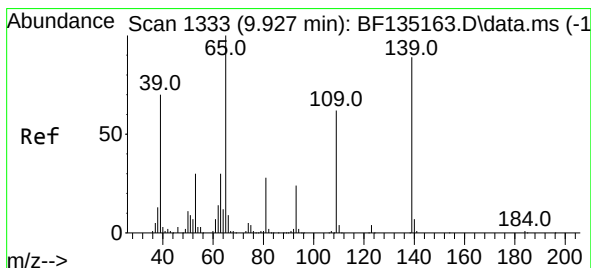
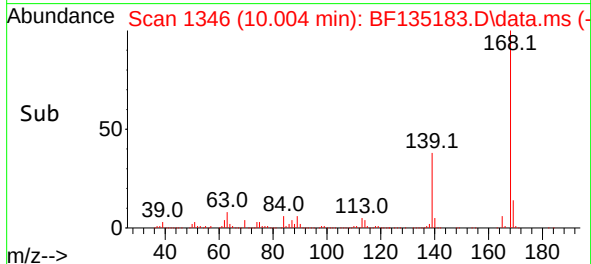
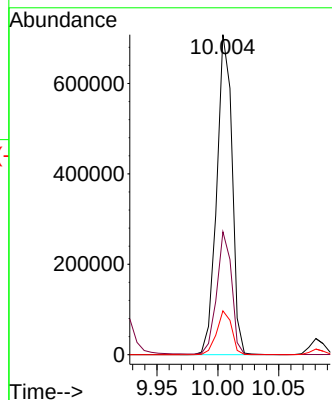
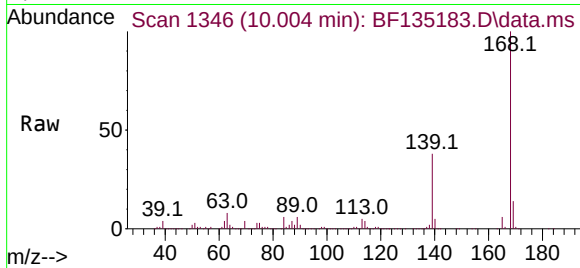




#55
Dibenzenofuran
Concen: 38.734 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

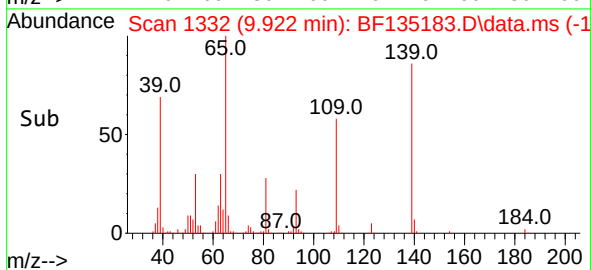
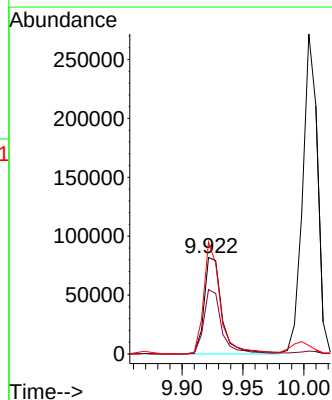
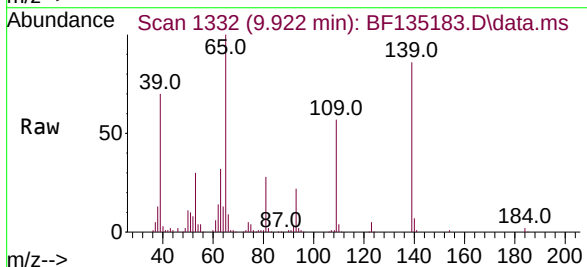
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

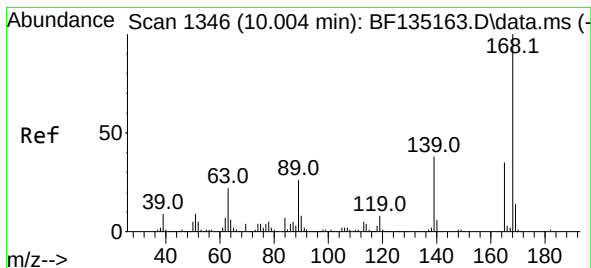
Tgt Ion:168 Resp: 621680
Ion Ratio Lower Upper
168 100
139 38.4 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 39.178 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:139 Resp: 83175
Ion Ratio Lower Upper
139 100
109 66.6 49.8 89.8
65 115.9 92.7 132.7

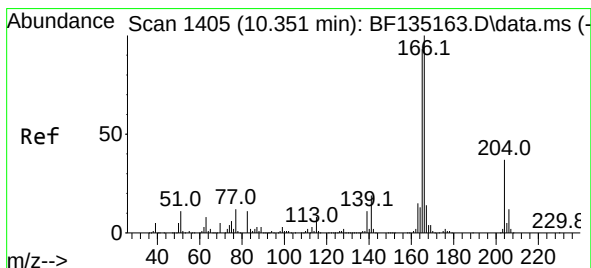
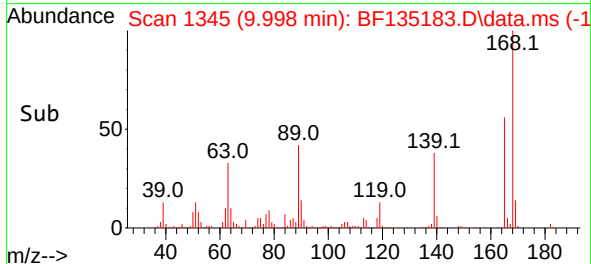
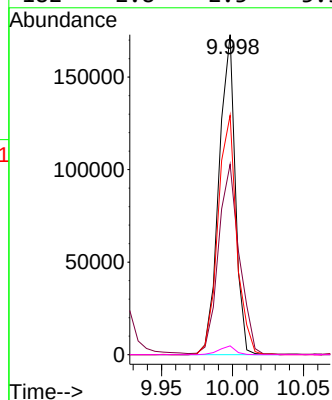
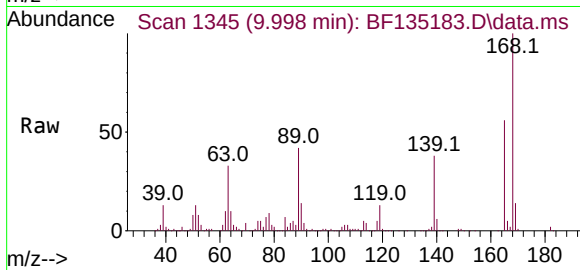




#57
2,4-Dinitrotoluene
Concen: 38.761 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

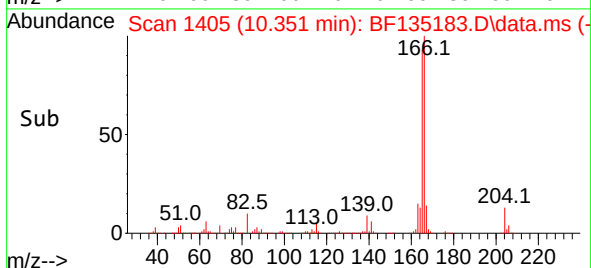
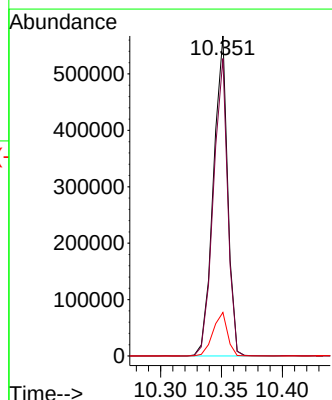
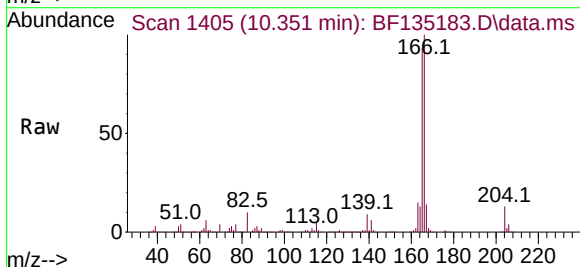
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

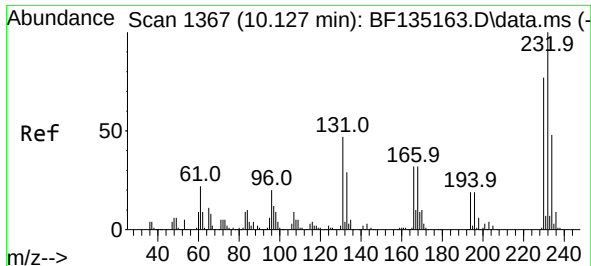
Tgt Ion:	165	Resp:	138090
Ion	Ratio	Lower	Upper
165	100		
63	59.5	50.1	75.1
89	74.8	59.3	88.9
182	2.8	2.3	3.5



#58
Fluorene
Concen: 37.324 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:	166	Resp:	460535
Ion	Ratio	Lower	Upper
166	100		
165	93.0	74.3	111.5
167	13.6	10.9	16.3

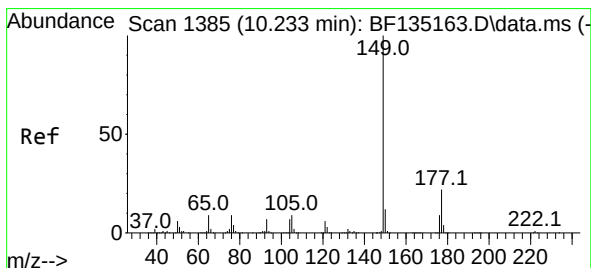
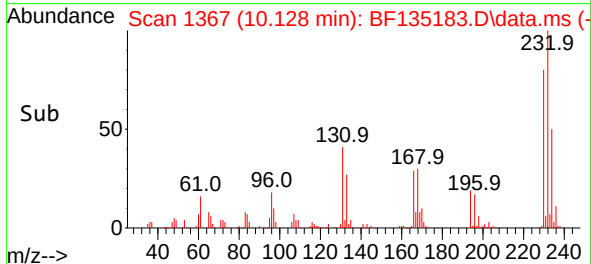
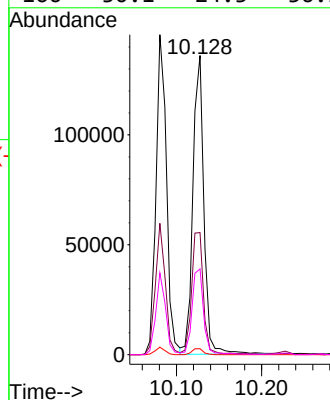
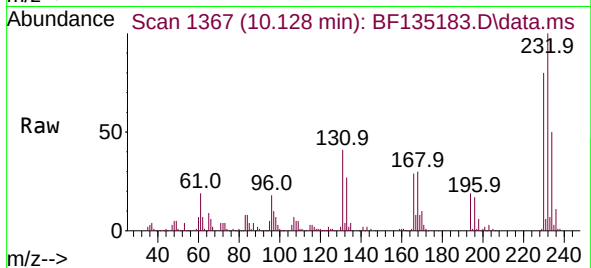




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.593 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

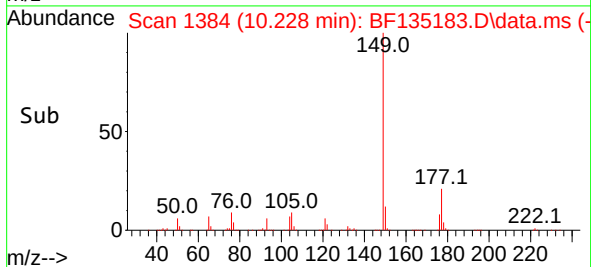
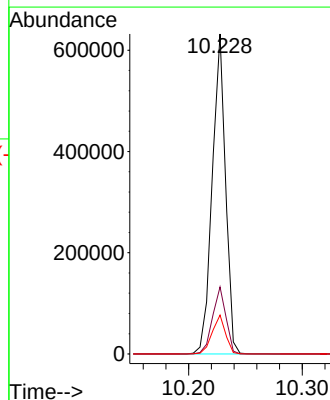
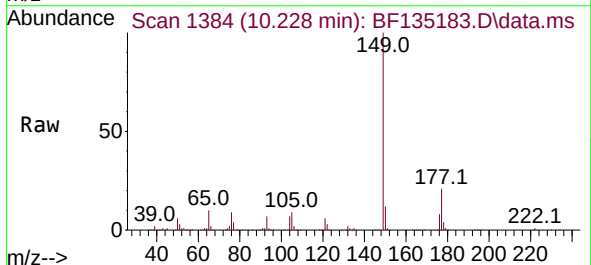
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

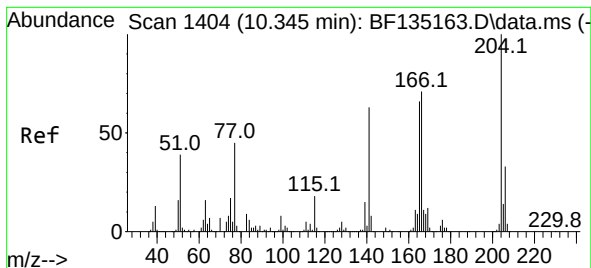
Tgt Ion:232 Resp: 121370
Ion Ratio Lower Upper
232 100
131 43.9 35.4 53.2
130 2.1 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 39.381 ng
RT: 10.228 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:149 Resp: 513404
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.6
150 12.2 10.0 15.0

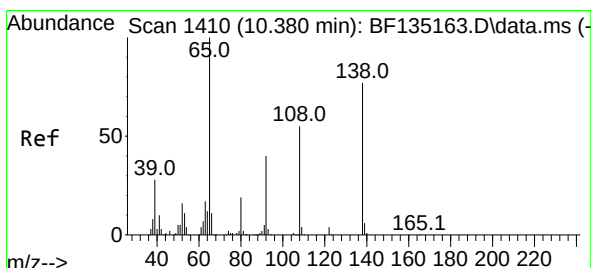
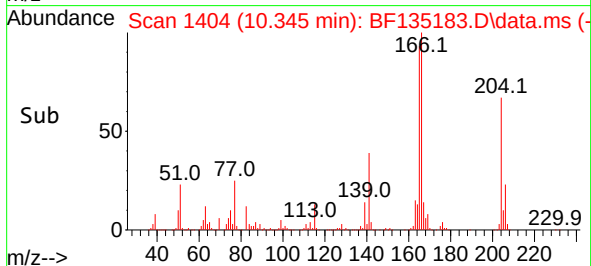
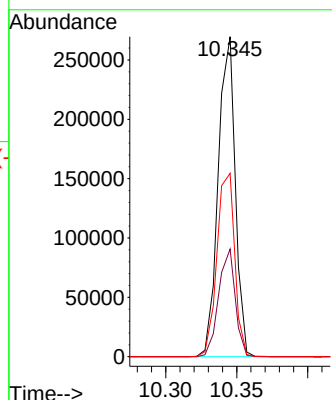
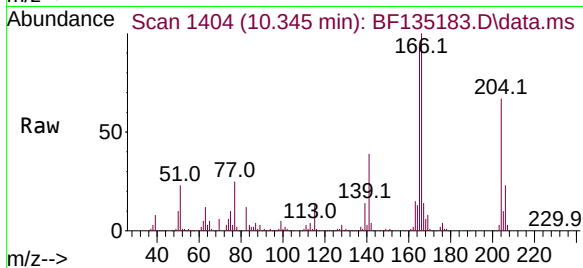




#61
4-Chlorophenyl-phenylether
Concen: 37.960 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

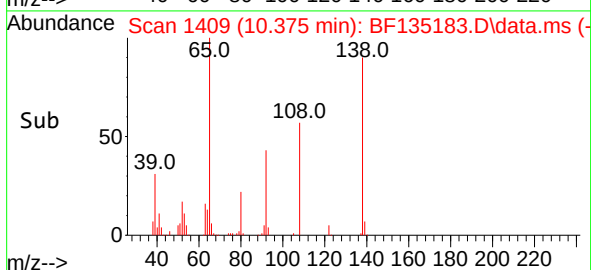
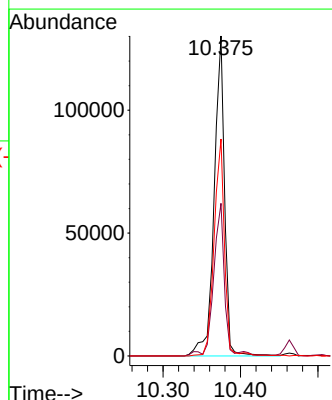
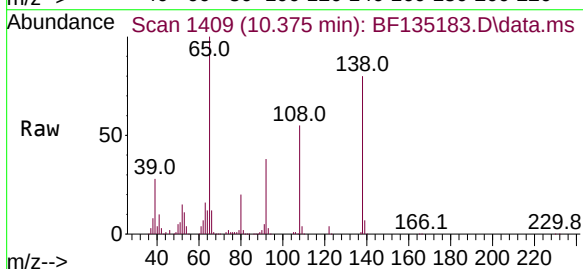
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

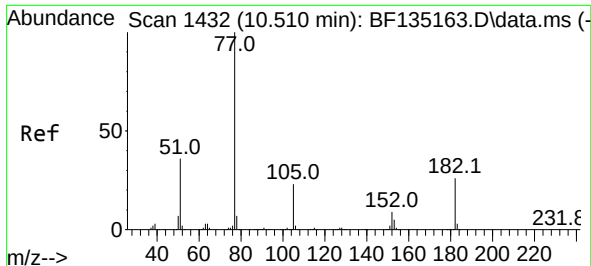
Tgt Ion:204 Resp: 224995
Ion Ratio Lower Upper
204 100
206 33.6 26.7 40.1
141 57.3 50.6 75.8



#62
4-Nitroaniline
Concen: 38.121 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:138 Resp: 122404
Ion Ratio Lower Upper
138 100
92 47.7 31.8 71.8
108 67.8 52.0 92.0

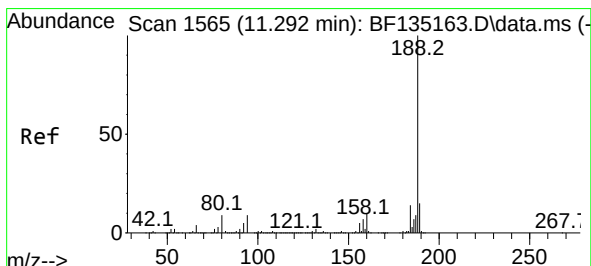
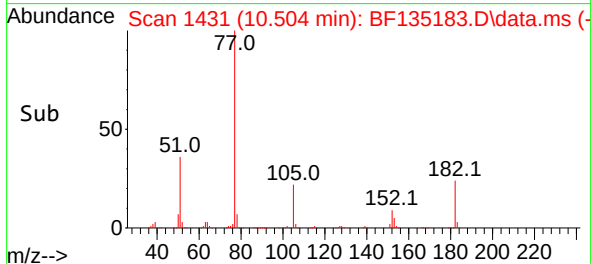
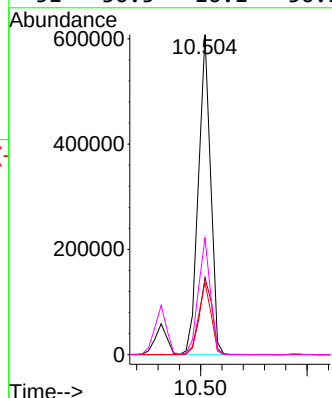
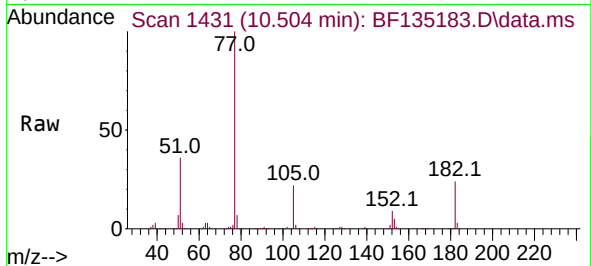




#63
Azobenzene
Concen: 38.006 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

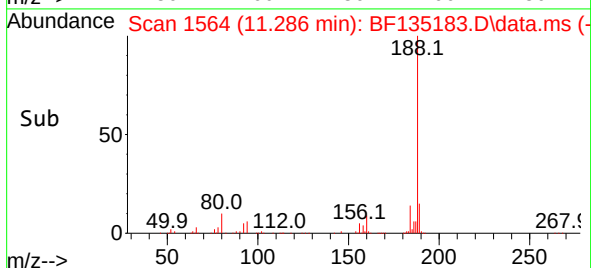
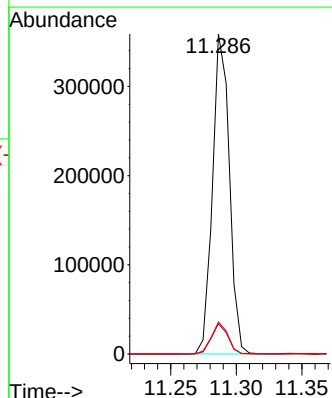
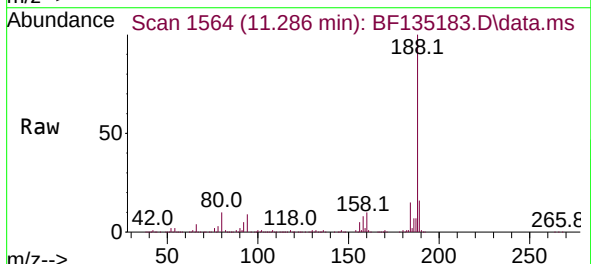
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

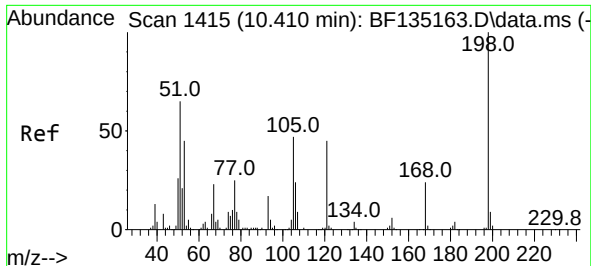
Tgt Ion:	77	Resp:	484927
Ion	Ratio	Lower	Upper
77	100		
182	24.1	6.4	46.4
105	22.5	3.1	43.1
51	36.5	16.1	56.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:	188	Resp:	320316
Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.6
80	10.0	7.5	11.3

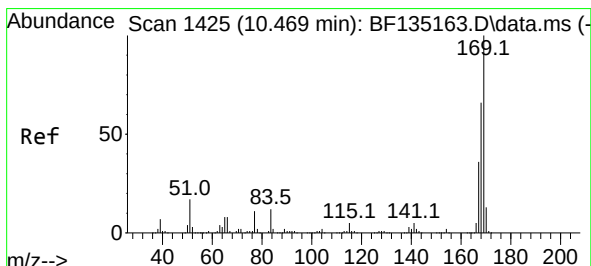
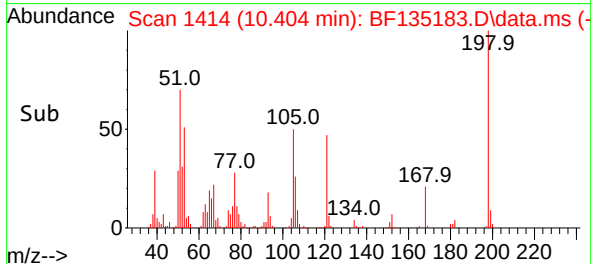
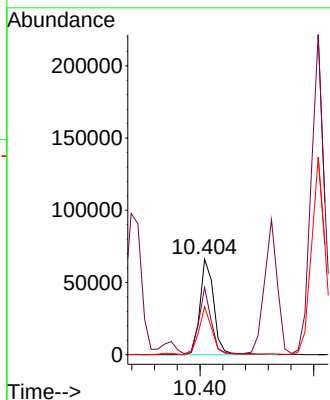
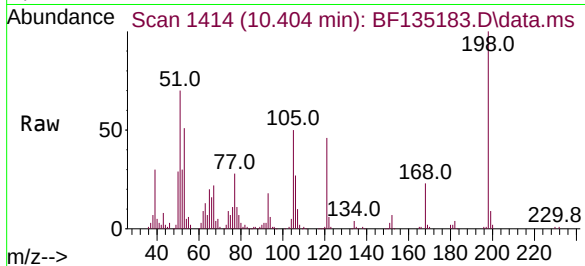




#65
4,6-Dinitro-2-methylphenol
Concen: 32.873 ng
RT: 10.404 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

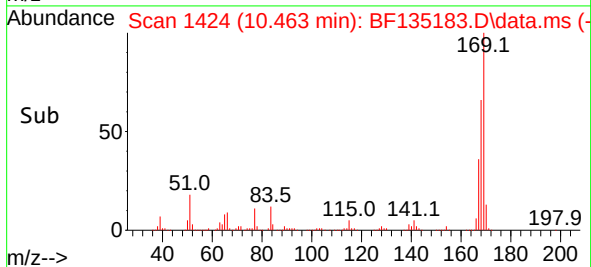
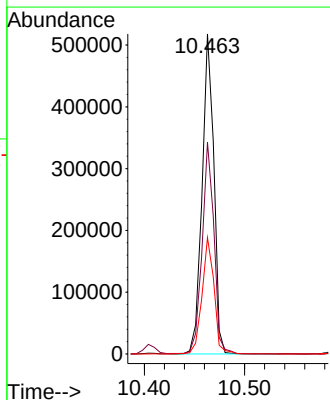
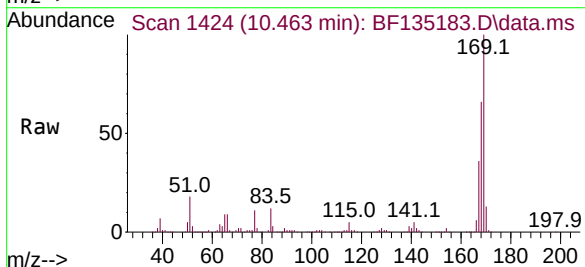
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

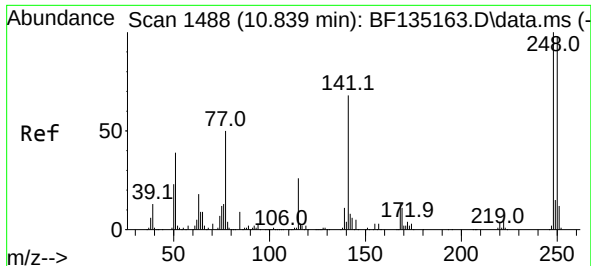
Tgt Ion:198 Resp: 55927
Ion Ratio Lower Upper
198 100
51 70.3 47.7 87.7
105 50.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 43.671 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:169 Resp: 423493
Ion Ratio Lower Upper
169 100
168 66.2 52.8 79.2
167 36.4 29.0 43.6

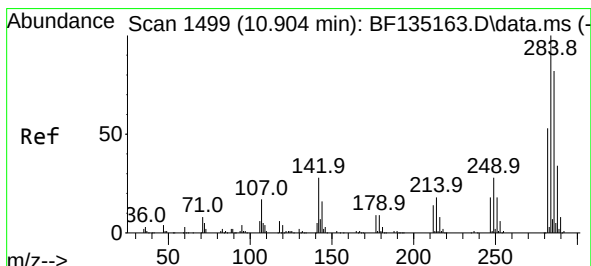
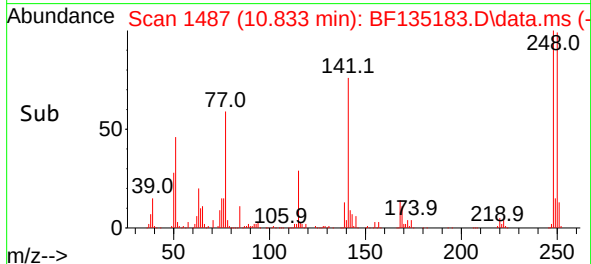
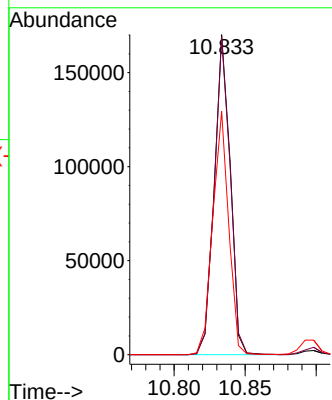
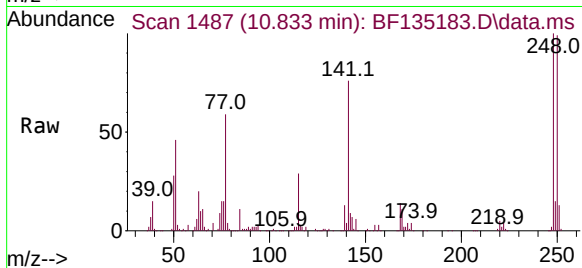




#67
4-Bromophenyl-phenylether
Concen: 41.686 ng
RT: 10.833 min Scan# 1487
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

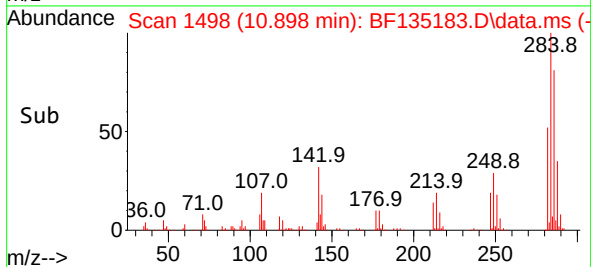
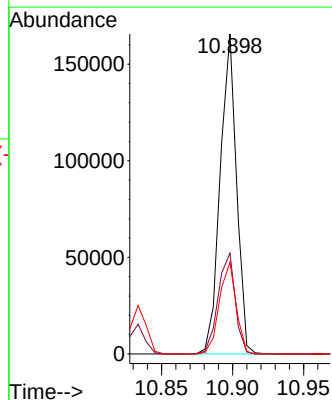
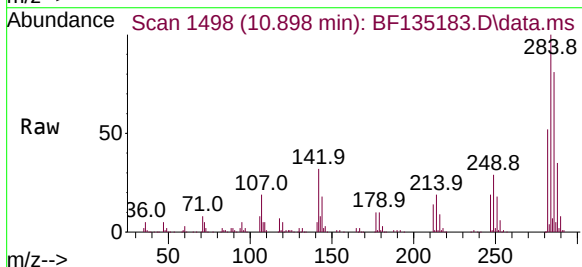
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

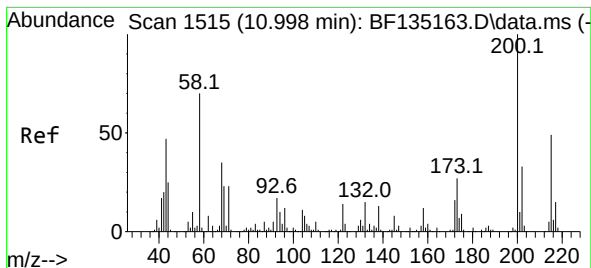
Tgt Ion:248 Resp: 132802
Ion Ratio Lower Upper
248 100
250 99.4 78.6 117.8
141 76.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 40.826 ng
RT: 10.898 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:284 Resp: 132505
Ion Ratio Lower Upper
284 100
142 31.5 22.2 33.4
249 28.7 22.5 33.7





#69

Atrazine

Concen: 40.346 ng

RT: 10.992 min Scan# 1515

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

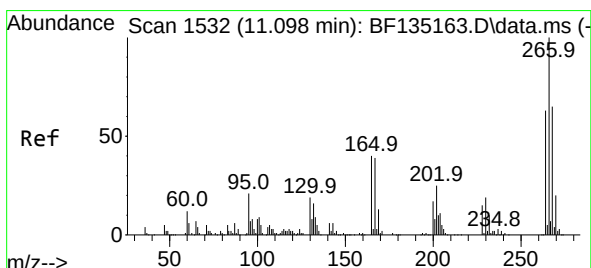
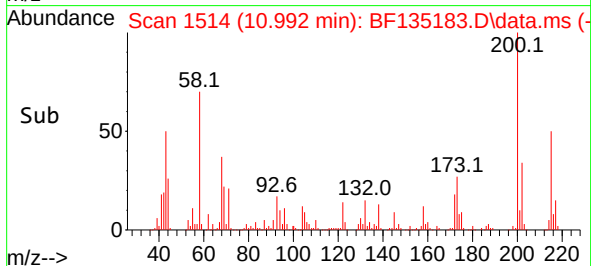
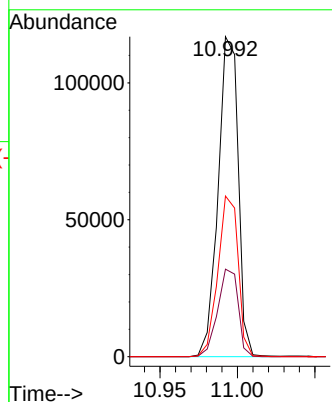
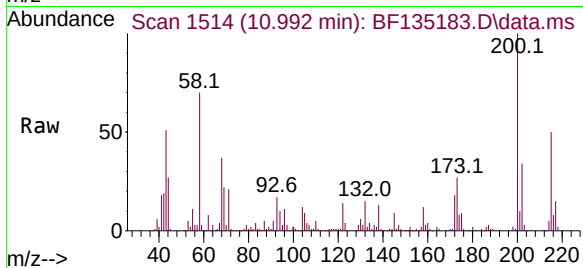
Tgt Ion:200 Resp: 105274

Ion Ratio Lower Upper

200 100

173 27.4 7.4 47.4

215 50.2 28.6 68.6



#70

Pentachlorophenol

Concen: 40.659 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

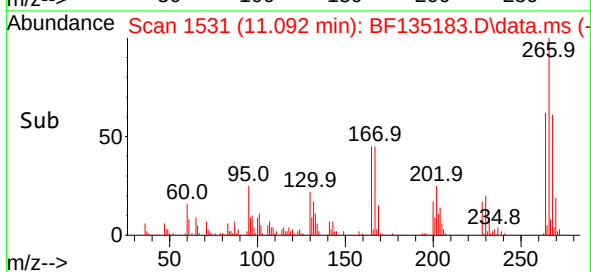
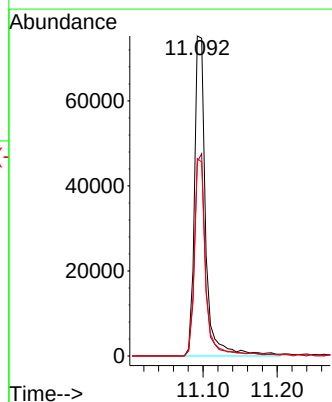
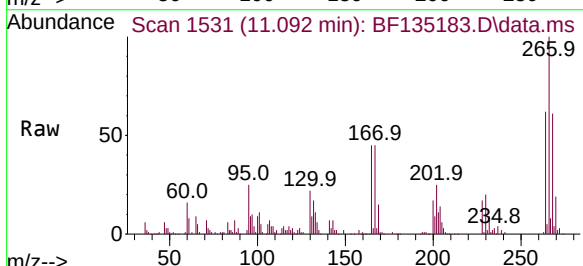
Tgt Ion:266 Resp: 78952

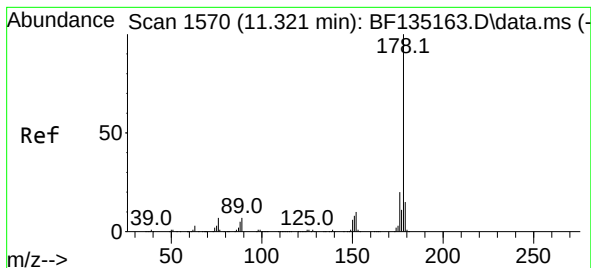
Ion Ratio Lower Upper

266 100

268 60.7 52.1 78.1

264 61.7 50.8 76.2





#71

Phenanthrene

Concen: 39.226 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

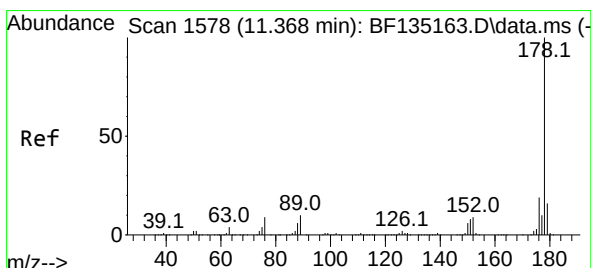
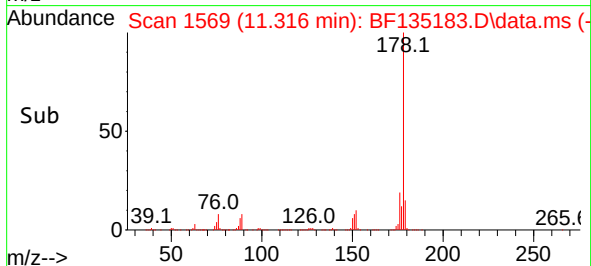
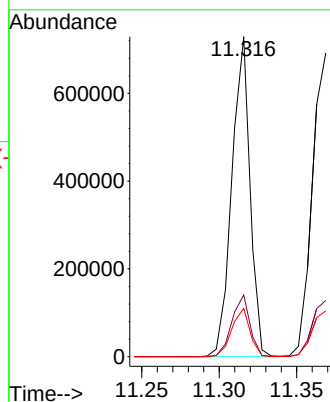
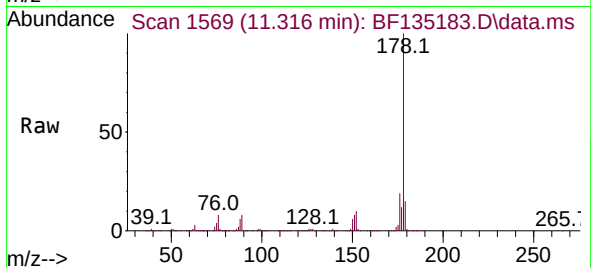
Tgt Ion:178 Resp: 594253

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

179 15.1 12.0 18.0



#72

Anthracene

Concen: 38.995 ng

RT: 11.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

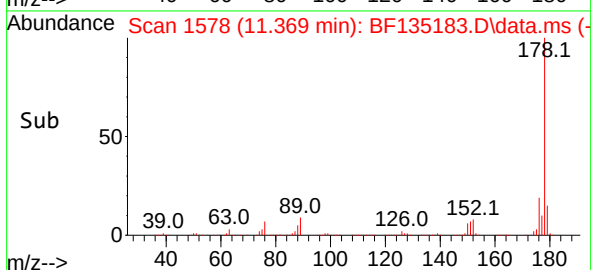
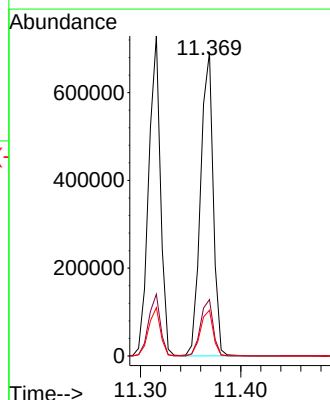
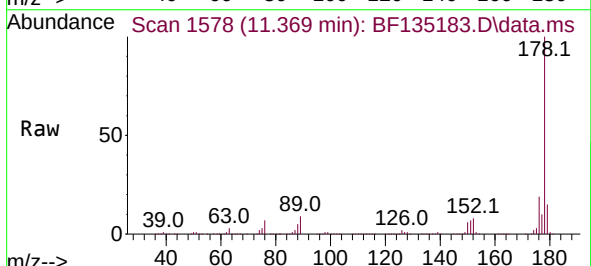
Tgt Ion:178 Resp: 607230

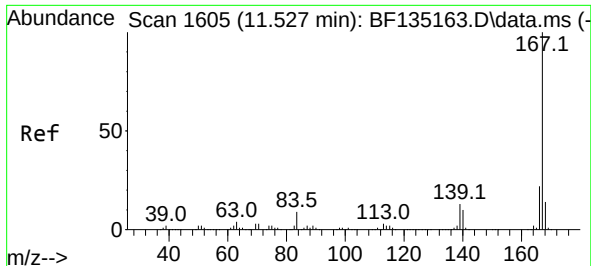
Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

179 15.1 12.6 19.0

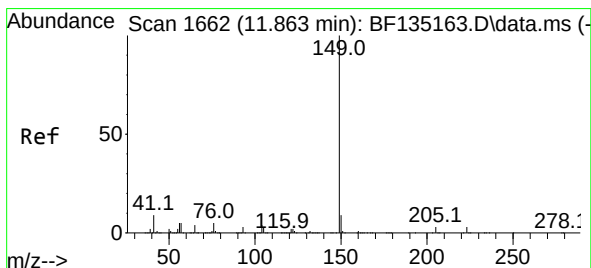
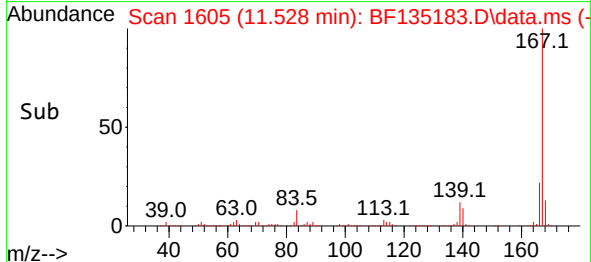
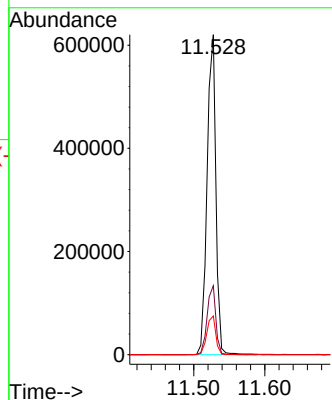
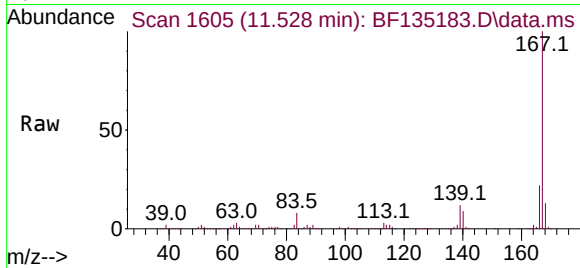




#73
 Carbazole
 Concen: 37.770 ng
 RT: 11.528 min Scan# 1605
 Delta R.T. 0.000 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

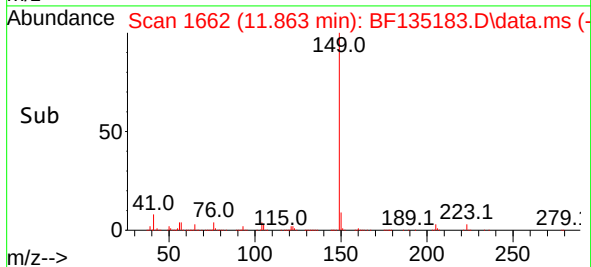
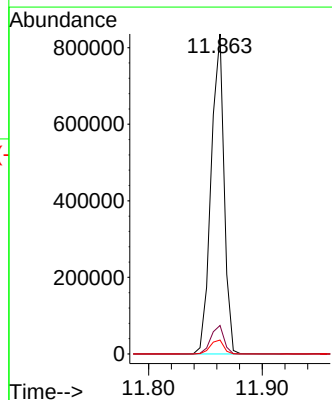
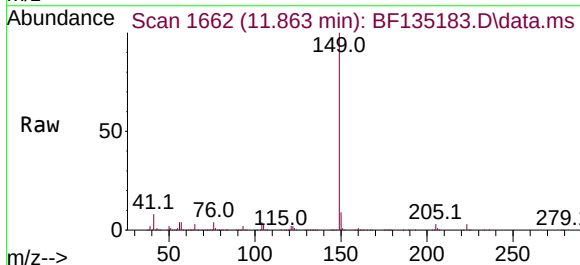
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

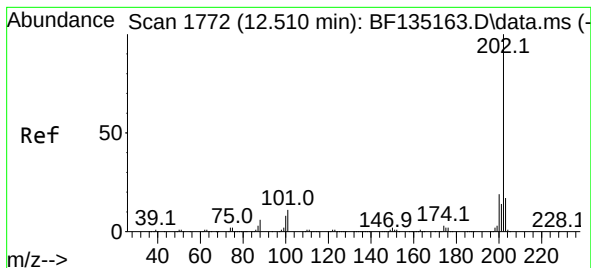
Tgt Ion:167 Resp: 535413
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 12.1 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 39.566 ng
 RT: 11.863 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

Tgt Ion:149 Resp: 660910
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 4.4 3.6 5.4





#75

Fluoranthene

Concen: 36.046 ng

RT: 12.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

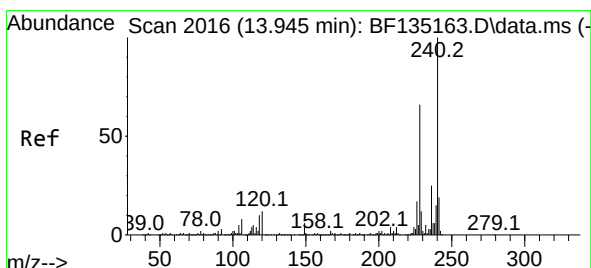
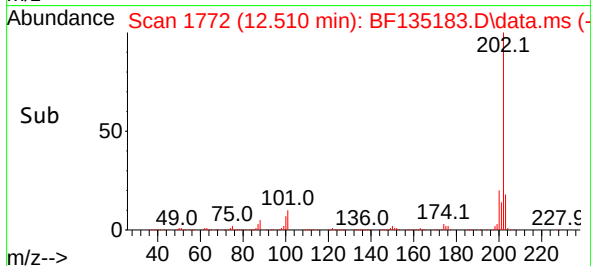
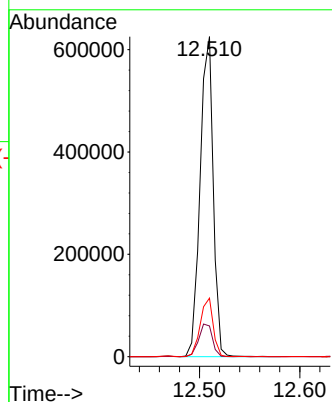
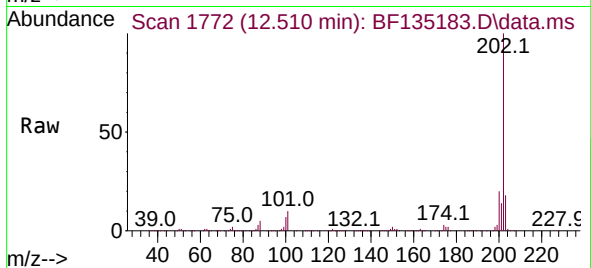
Tgt Ion:202 Resp: 569017

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.3

203 18.3 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

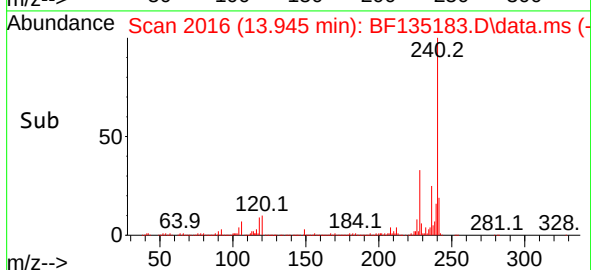
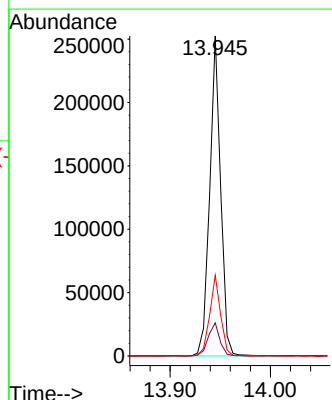
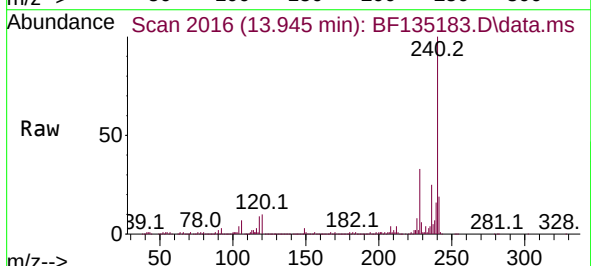
Tgt Ion:240 Resp: 192331

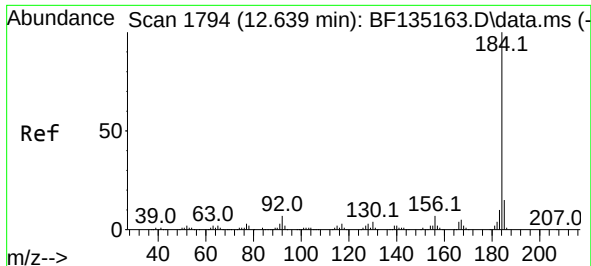
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.2 19.8 29.8

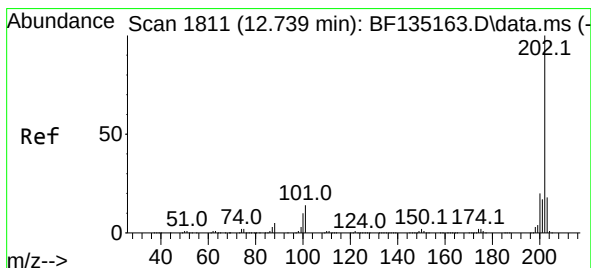
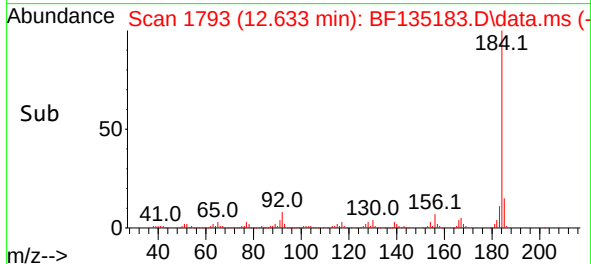
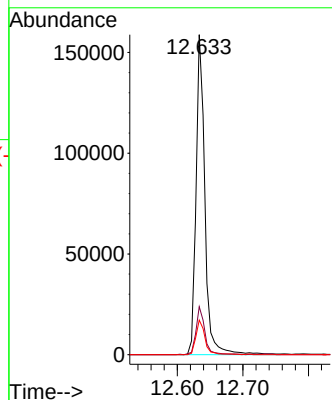
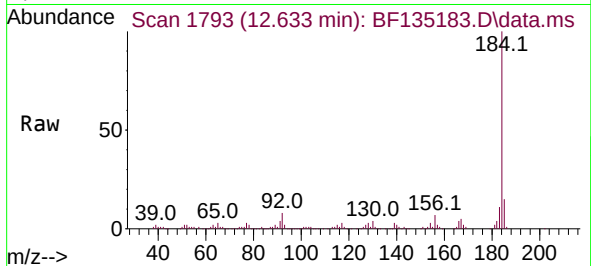




#77
Benzidine
Concen: 37.917 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

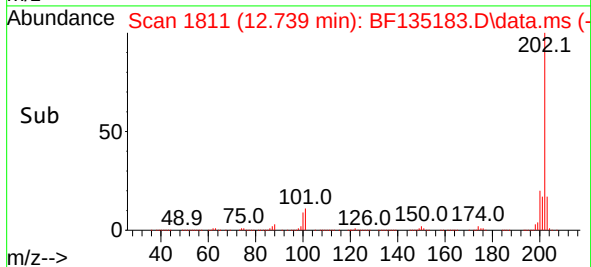
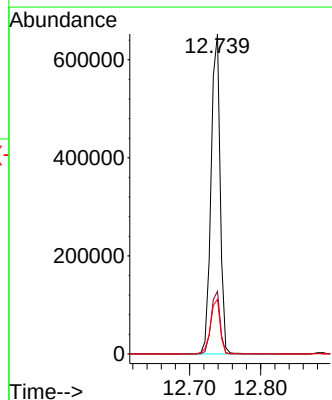
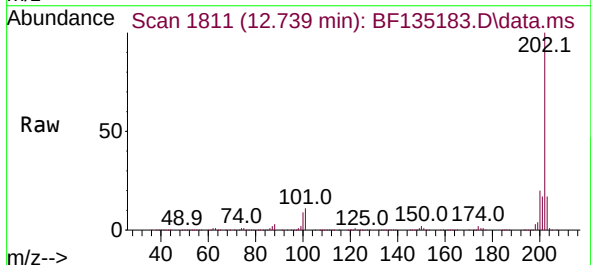
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

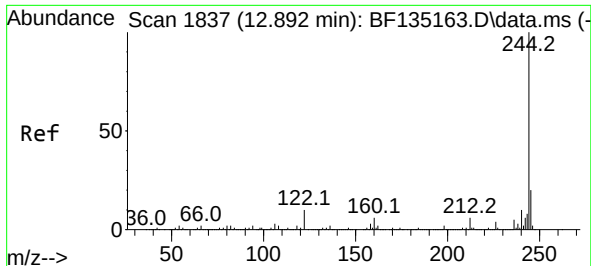
Tgt Ion:184 Resp: 149402
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 10.8 8.2 12.4



#78
Pyrene
Concen: 31.808 ng
RT: 12.739 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

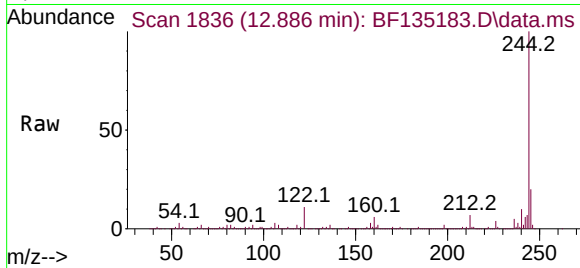
Tgt Ion:202 Resp: 582450
Ion Ratio Lower Upper
202 100
200 19.6 16.2 24.2
203 17.1 14.2 21.4



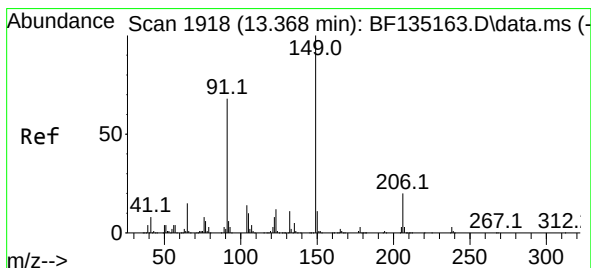
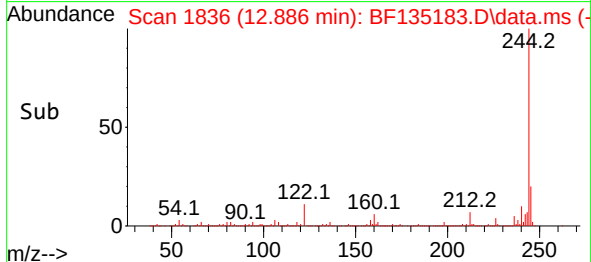
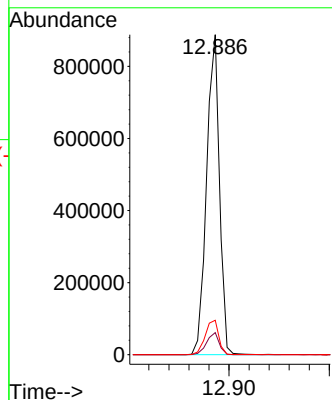


#79
 Terphenyl-d14
 Concen: 63.858 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

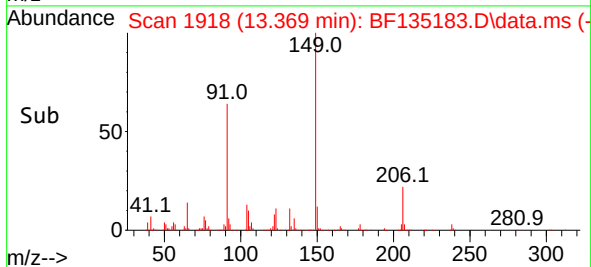
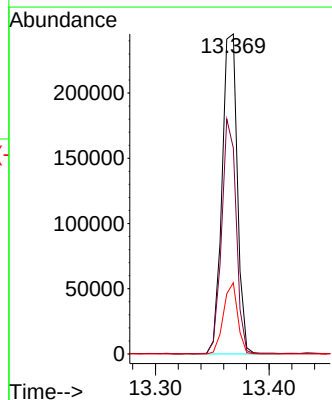
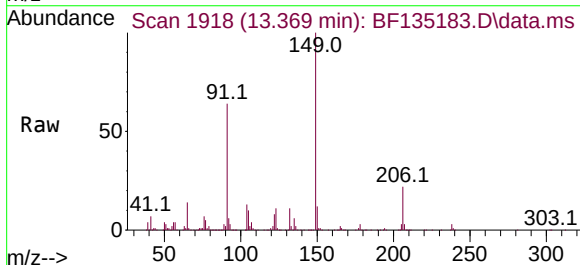


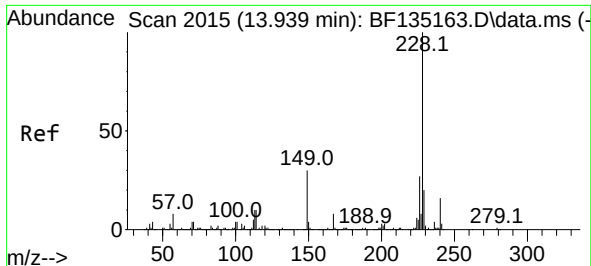
Tgt Ion:244 Resp: 792280
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 10.8 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 35.756 ng
 RT: 13.369 min Scan# 1918
 Delta R.T. 0.000 min
 Lab File: BF135183.D
 Acq: 12 Sep 2023 15:56

Tgt Ion:149 Resp: 230523
 Ion Ratio Lower Upper
 149 100
 91 64.4 54.7 82.1
 206 22.3 16.3 24.5





#81

Benzo(a)anthracene

Concen: 38.848 ng

RT: 13.933 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

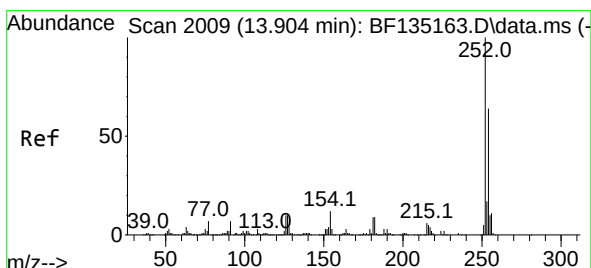
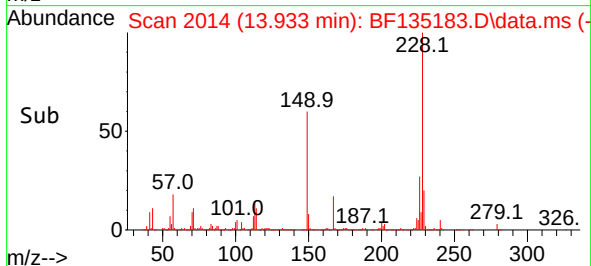
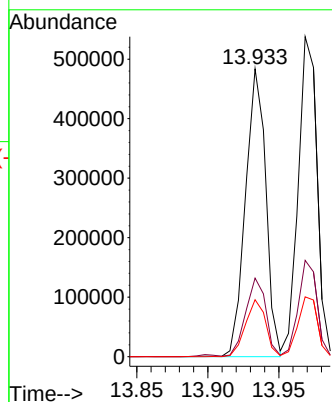
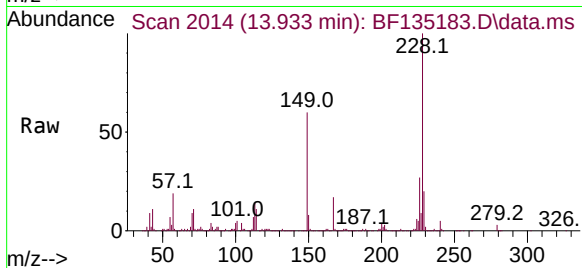
Tgt Ion:228 Resp: 482465

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 42.038 ng

RT: 13.898 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

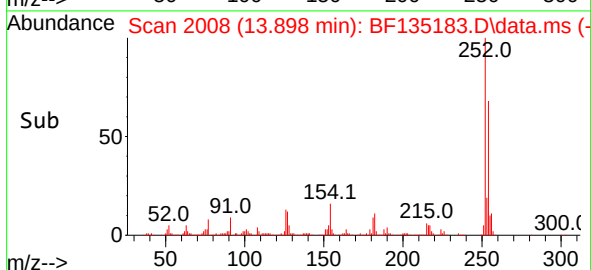
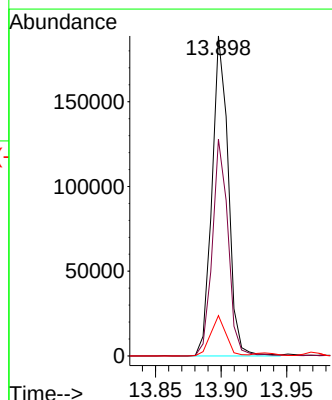
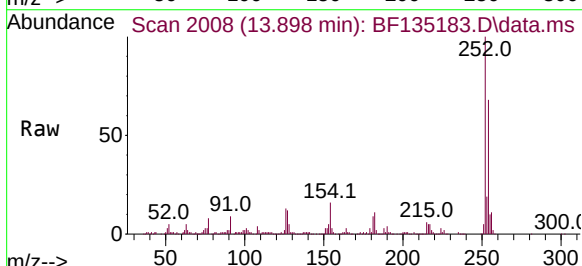
Tgt Ion:252 Resp: 163076

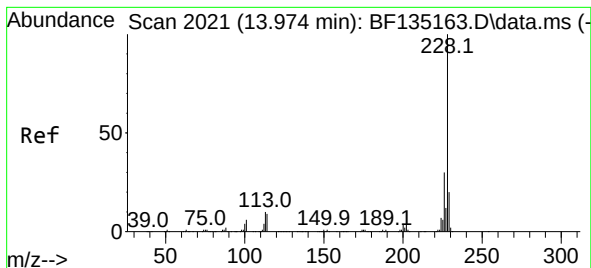
Ion Ratio Lower Upper

252 100

254 67.7 51.0 76.4

126 12.6 7.8 11.8#





#83

Chrysene

Concen: 40.363 ng

RT: 13.969 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

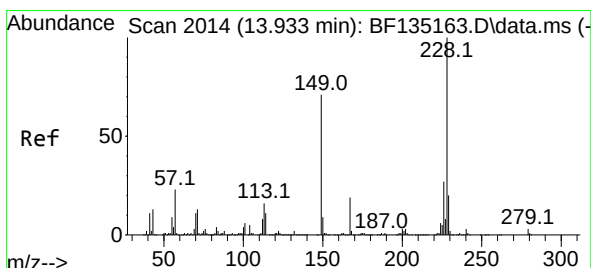
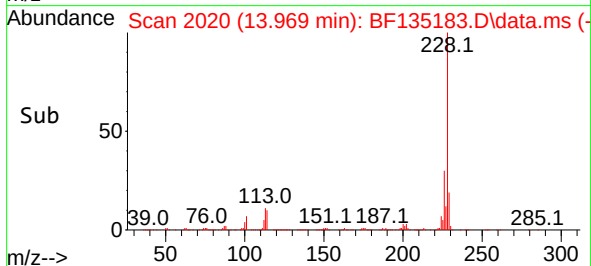
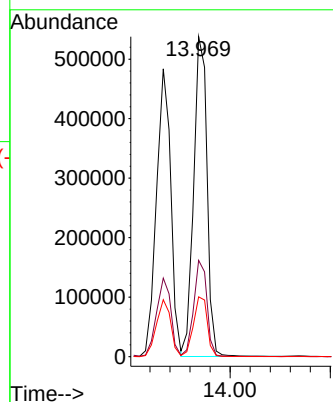
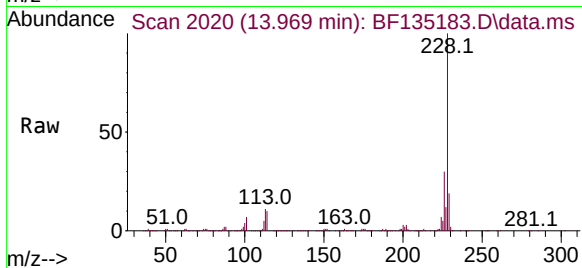
Tgt Ion:228 Resp: 498391

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 18.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.185 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

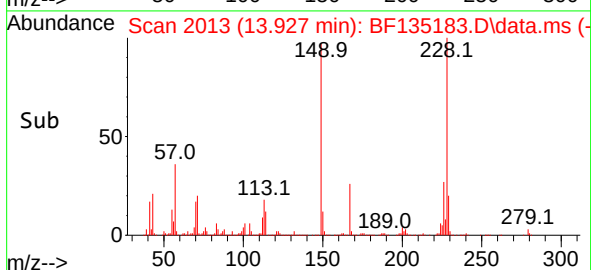
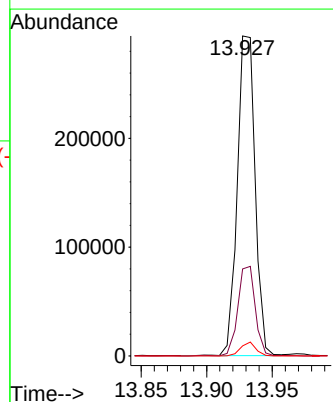
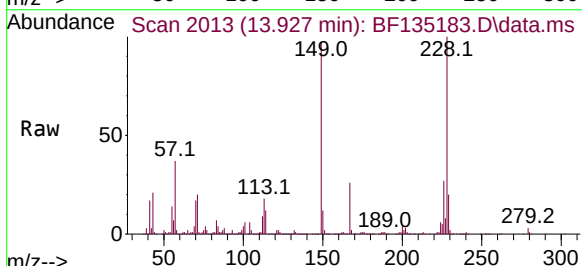
Tgt Ion:149 Resp: 279091

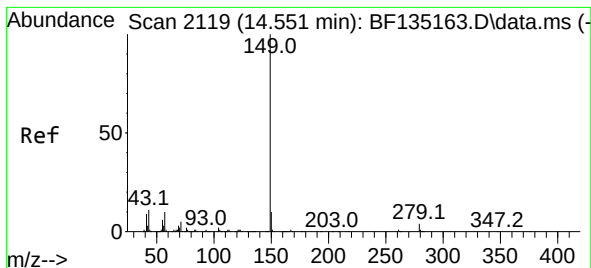
Ion Ratio Lower Upper

149 100

167 27.2 21.9 32.9

279 3.1 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 50.830 ng

RT: 14.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

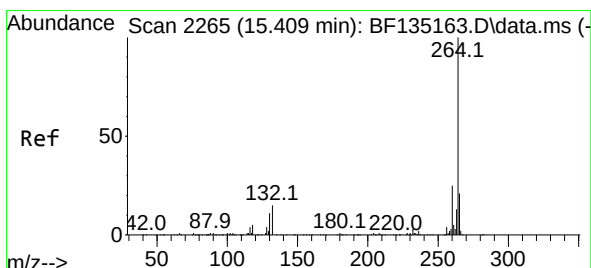
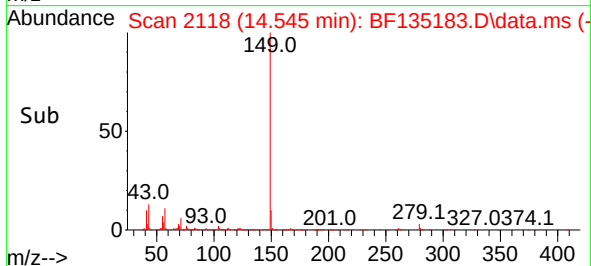
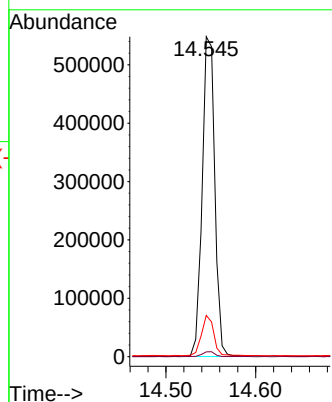
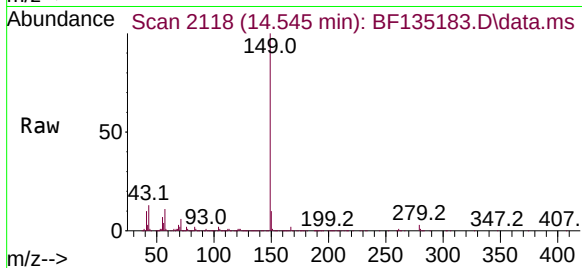
Tgt Ion:149 Resp: 534421

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

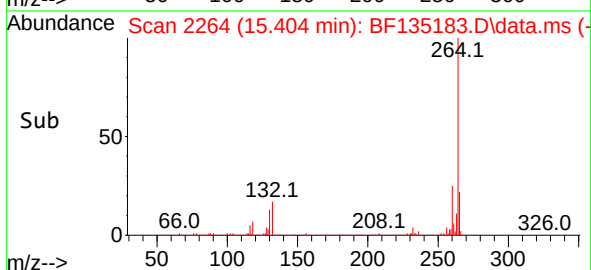
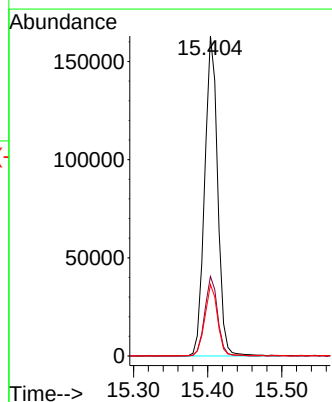
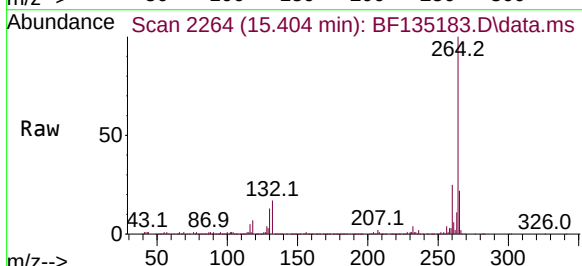
Tgt Ion:264 Resp: 199750

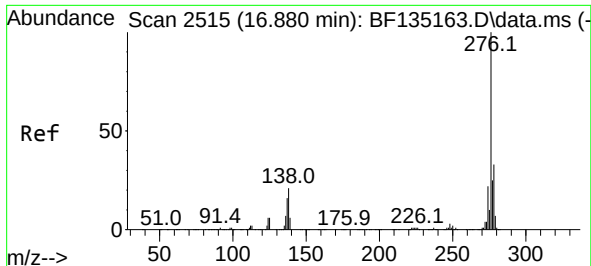
Ion Ratio Lower Upper

264 100

260 24.8 19.8 29.6

265 22.3 17.0 25.4

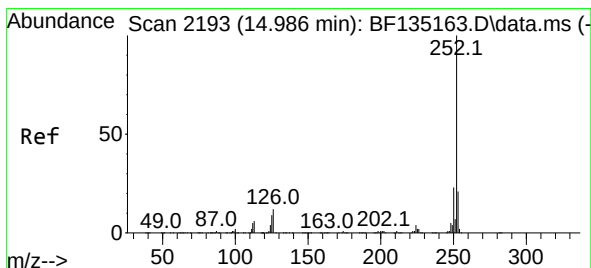
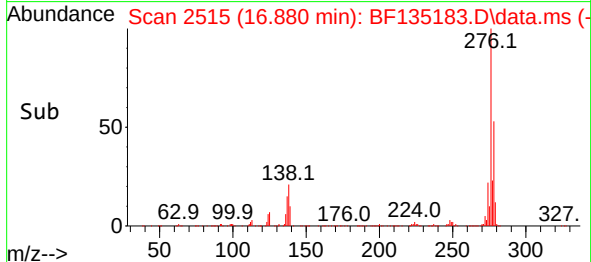
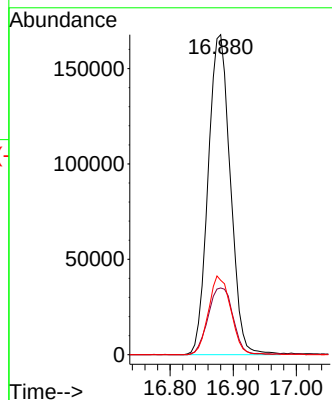
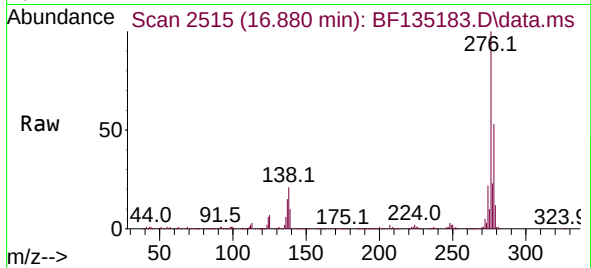




#87
Indeno(1,2,3-cd)pyrene
Concen: 31.259 ng
RT: 16.880 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

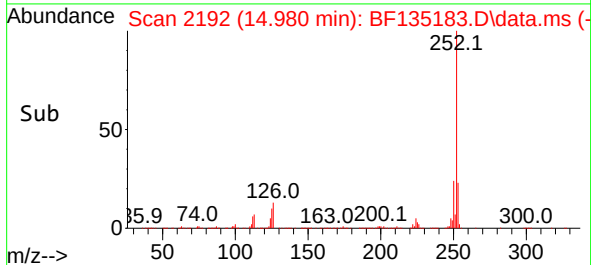
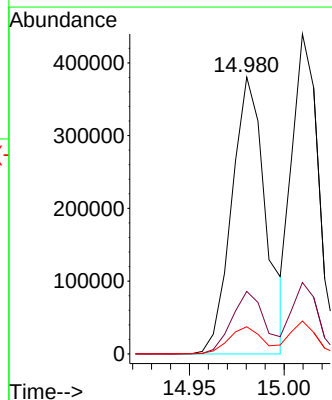
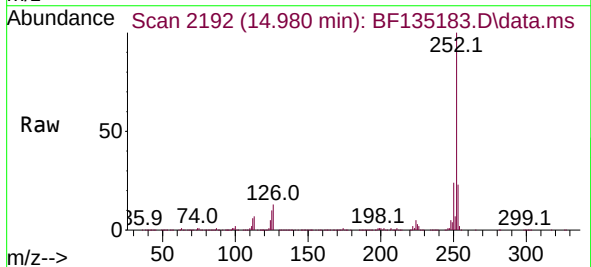
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

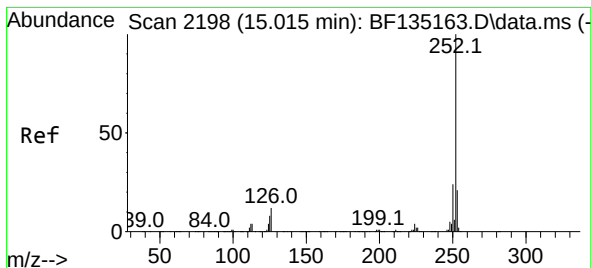
Tgt Ion:276 Resp: 409393
Ion Ratio Lower Upper
276 100
138 23.5 19.2 28.8
277 24.9 19.7 29.5



#88
Benzo(b)fluoranthene
Concen: 43.856 ng
RT: 14.980 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF135183.D
Acq: 12 Sep 2023 15:56

Tgt Ion:252 Resp: 474228
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 9.8 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 39.854 ng

RT: 15.010 min Scan# 2198

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

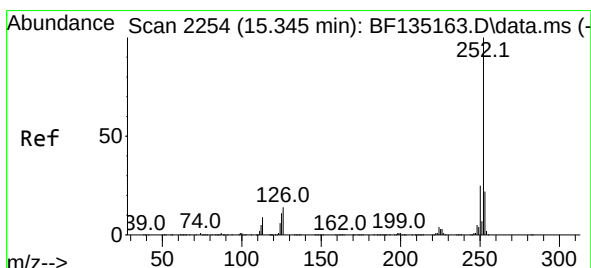
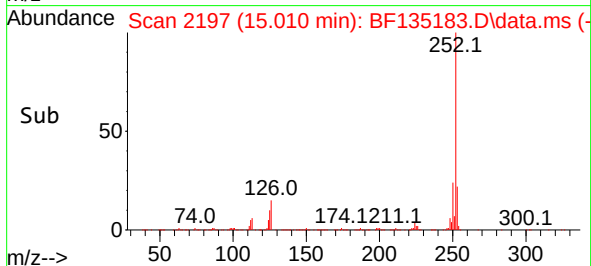
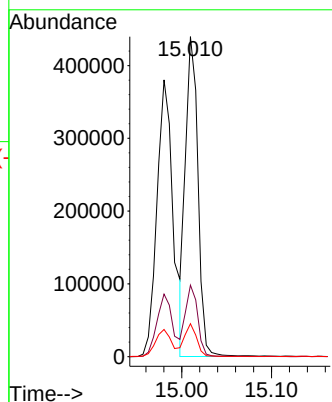
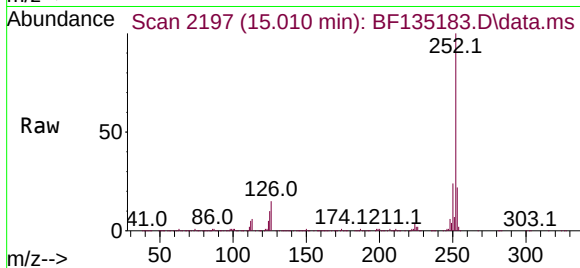
Tgt Ion:252 Resp: 425698

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 10.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 41.004 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

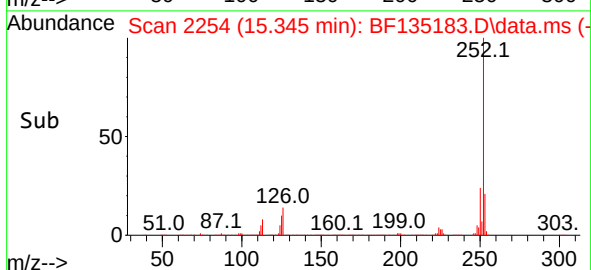
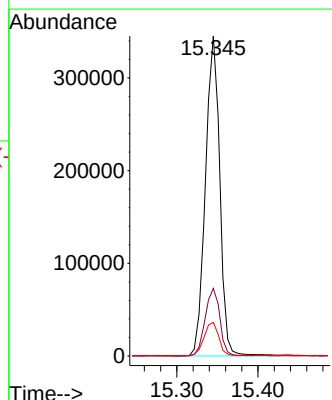
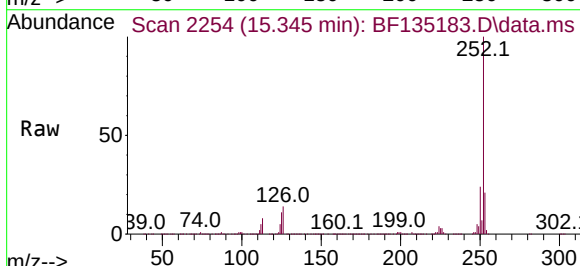
Tgt Ion:252 Resp: 422822

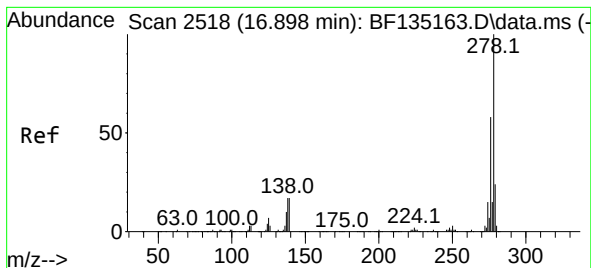
Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 10.5 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 31.460 ng

RT: 16.898 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

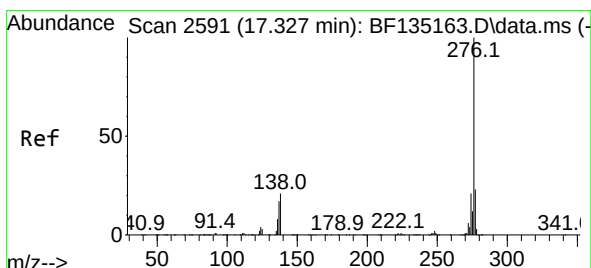
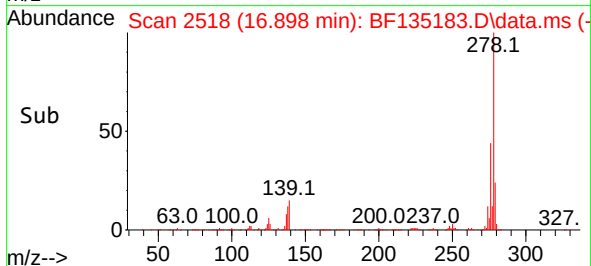
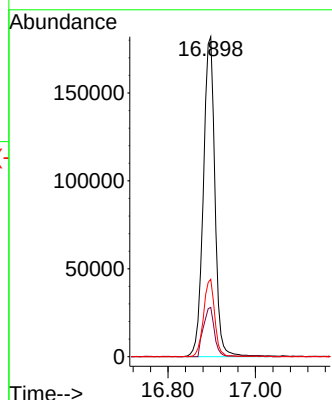
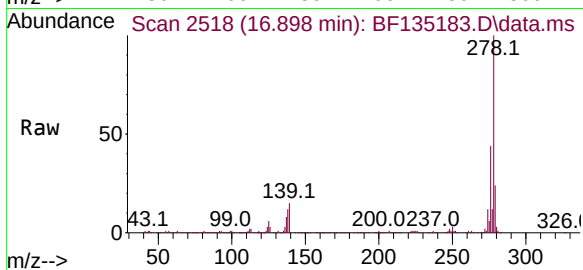
Tgt Ion:278 Resp: 337126

Ion Ratio Lower Upper

278 100

139 15.4 13.4 20.0

279 24.2 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 28.619 ng

RT: 17.321 min Scan# 2590

Delta R.T. -0.006 min

Lab File: BF135183.D

Acq: 12 Sep 2023 15:56

Tgt Ion:276 Resp: 320294

Ion Ratio Lower Upper

276 100

277 23.2 18.8 28.2

138 20.2 16.9 25.3

