

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100423\
 Data File : BF135578.D
 Acq On : 04 Oct 2023 19:35
 Operator : CG\JU
 Sample : 04651-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMS

Quant Time: Oct 04 23:26:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	163778	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	638838	20.000	ng	# 0.00
39) Acenaphthene-d10	9.774	164	319841	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	622099	20.000	ng	0.00
76) Chrysene-d12	13.927	240	306504	20.000	ng	0.00
86) Perylene-d12	15.386	264	317463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1281902	127.303	ng	0.01
7) Phenol-d6	6.398	99	1602596	125.162	ng	0.01
23) Nitrobenzene-d5	7.310	82	1031836	87.752	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	379060	119.260	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1738988	82.030	ng	0.00
79) Terphenyl-d14	12.863	244	1764665	89.251	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	181041	41.012	ng	94
3) Pyridine	3.293	79	460189	38.734	ng	95
4) n-Nitrosodimethylamine	3.240	42	300794	47.710	ng	93
6) Aniline	6.410	93	543274	32.356	ng	# 26
8) 2-Chlorophenol	6.528	128	512312	47.659	ng	98
9) Benzaldehyde	6.298	77	103112	14.136	ng	99
10) Phenol	6.410	94	595265	42.397	ng	87
11) bis(2-Chloroethyl)ether	6.481	93	539310	51.208	ng	99
12) 1,3-Dichlorobenzene	6.675	146	483185	44.229	ng	99
13) 1,4-Dichlorobenzene	6.757	146	498483	44.849	ng	99
14) 1,2-Dichlorobenzene	6.904	146	463059	44.863	ng	98
15) Benzyl Alcohol	6.892	79	408693	44.481	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	897939	45.233	ng	73
17) 2-Methylphenol	7.010	107	398784	42.039	ng	# 89
18) Hexachloroethane	7.239	117	190691	46.433	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	325390	41.028	ng	94
20) 3+4-Methylphenols	7.163	107	487012	42.696	ng	# 72
22) Acetophenone	7.151	105	656156	44.925	ng	# 92
24) Nitrobenzene	7.328	77	536768	46.185	ng	100
25) Isophorone	7.563	82	994825	46.074	ng	98
26) 2-Nitrophenol	7.639	139	269866	48.380	ng	99
27) 2,4-Dimethylphenol	7.686	122	393294	41.947	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	617598	47.789	ng	99
29) 2,4-Dichlorophenol	7.886	162	407859	46.945	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	417187	45.941	ng	99
31) Naphthalene	8.039	128	1389484	44.765	ng	99
32) Benzoic acid	7.839	122	318845	45.161	ng	100
33) 4-Chloroaniline	8.098	127	275097	20.201	ng	99
34) Hexachlorobutadiene	8.151	225	235488	43.007	ng	98
35) Caprolactam	8.480	113	79588	27.295	ng	96
36) 4-Chloro-3-methylphenol	8.598	107	460360	47.676	ng	96
37) 2-Methylnaphthalene	8.733	142	876800	42.024	ng	97
38) 1-Methylnaphthalene	8.833	142	845539	43.285	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	418701	45.186	ng	98
41) Hexachlorocyclopentadiene	8.880	237	232741	59.126	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	277306	45.708	ng	99

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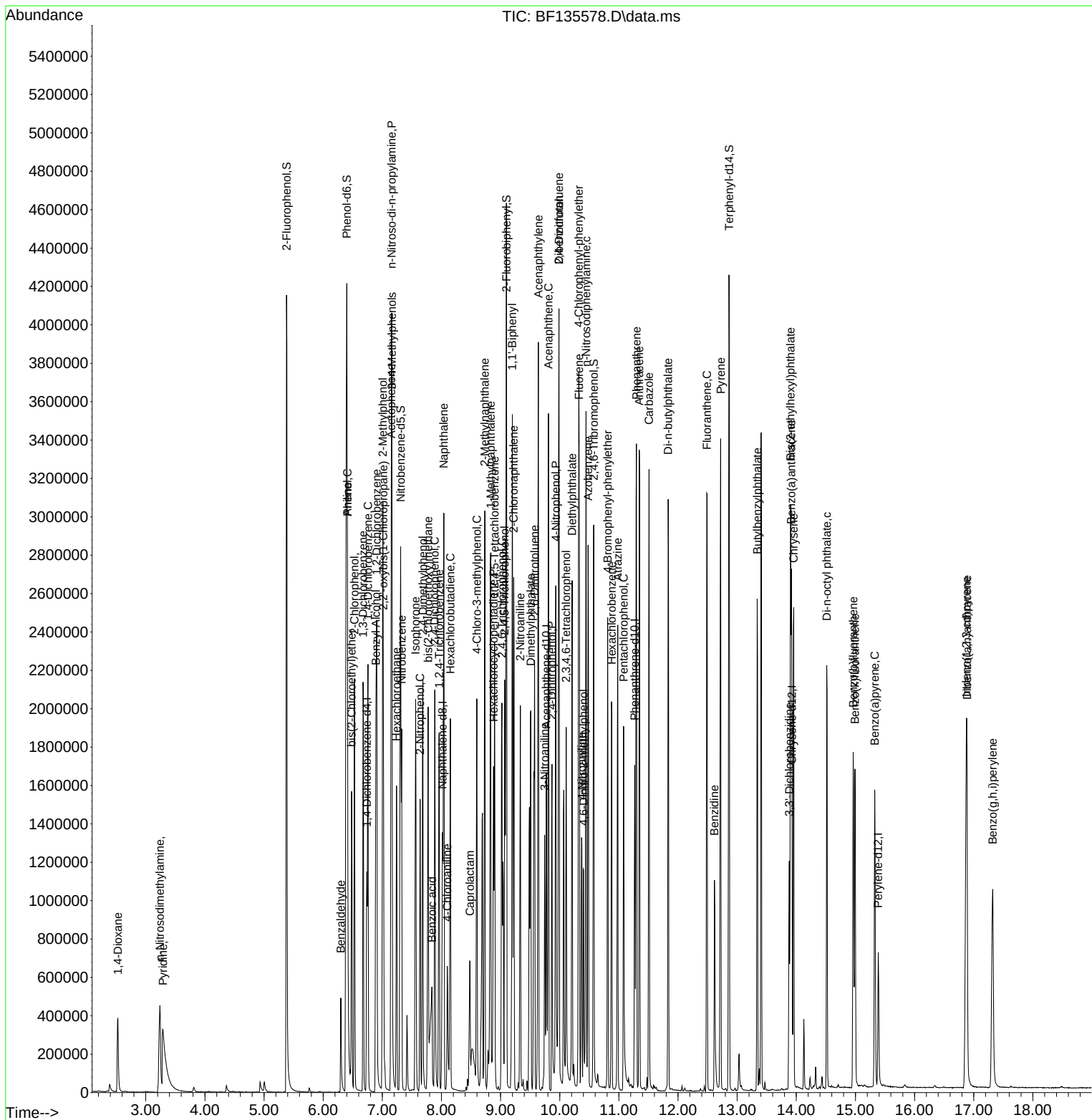
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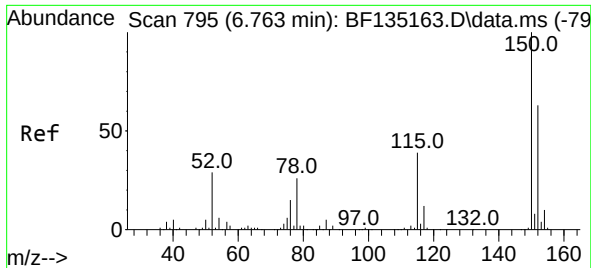
Quant Time: Oct 04 23:26:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	287389	41.134	ng	98
46) 1,1'-Biphenyl	9.198	154	1091202	44.395	ng	97
47) 2-Chloronaphthalene	9.222	162	836495	46.905	ng	98
48) 2-Nitroaniline	9.333	65	338966	48.925	ng	99
49) Acenaphthylene	9.639	152	1329302	44.851	ng	99
50) Dimethylphthalate	9.510	163	1007964	46.612	ng	99
51) 2,6-Dinitrotoluene	9.575	165	224438	47.378	ng	98
52) Acenaphthene	9.810	154	796412	45.487	ng	97
53) 3-Nitroaniline	9.745	138	198881	35.765	ng	99
54) 2,4-Dinitrophenol	9.869	184	223928	83.011	ng	97
55) Dibenzofuran	9.986	168	1108406	41.485	ng	99
56) 4-Nitrophenol	9.933	139	272204	77.022	ng	98
57) 2,4-Dinitrotoluene	9.986	165	259139	43.695	ng	# 76
58) Fluorene	10.327	166	889234	43.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.110	232	242836	45.183	ng	99
60) Diethylphthalate	10.210	149	999709	46.065	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	415092	42.070	ng	94
62) 4-Nitroaniline	10.374	138	243605	45.575	ng	94
63) Azobenzene	10.480	77	1034959	48.727	ng	96
65) 4,6-Dinitro-2-methylph...	10.404	198	151894	45.970	ng	87
66) n-Nitrosodiphenylamine	10.445	169	858701	45.594	ng	97
67) 4-Bromophenyl-phenylether	10.810	248	275212	44.481	ng	95
68) Hexachlorobenzene	10.880	284	294516	46.724	ng	96
69) Atrazine	10.980	200	256022	50.521	ng	99
70) Pentachlorophenol	11.080	266	238687	63.290	ng	97
71) Phenanthrene	11.298	178	1329318	45.180	ng	98
72) Anthracene	11.345	178	1363641	45.089	ng	100
73) Carbazole	11.510	167	1317465	47.854	ng	100
74) Di-n-butylphthalate	11.833	149	1585167	48.863	ng	99
75) Fluoranthene	12.492	202	1412384	46.069	ng	99
77) Benzidine	12.616	184	508765	81.023	ng	99
78) Pyrene	12.721	202	1446913	49.583	ng	100
80) Butylbenzylphthalate	13.339	149	602513	58.643	ng	94
81) Benzo(a)anthracene	13.915	228	967562	48.887	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	249782	40.404	ng	99
83) Chrysene	13.957	228	956305	48.599	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	697757	66.180	ng	99
85) Di-n-octyl phthalate	14.515	149	1043164	62.259	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	1033050	49.630	ng	96
88) Benzo(b)fluoranthene	14.962	252	846083	49.233	ng	# 96
89) Benzo(k)fluoranthene	14.992	252	722803	42.578	ng	# 96
90) Benzo(a)pyrene	15.327	252	747788	45.629	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	847501	49.762	ng	99
92) Benzo(g,h,i)perylene	17.321	276	884774	49.743	ng	98

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

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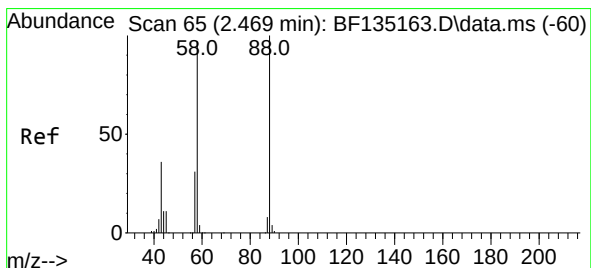
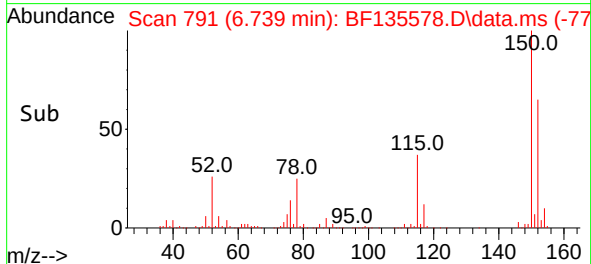
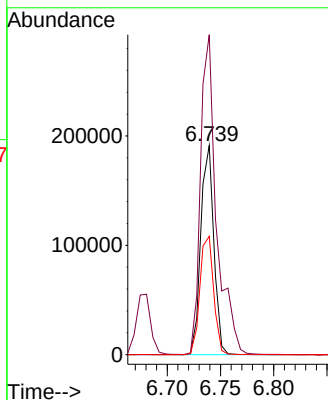
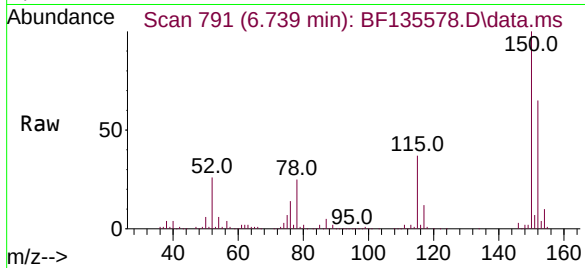




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135578.D
 Acq: 04 Oct 2023 19:35

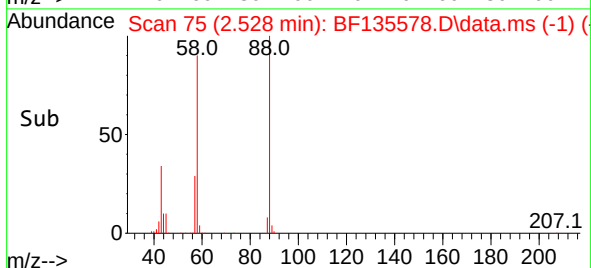
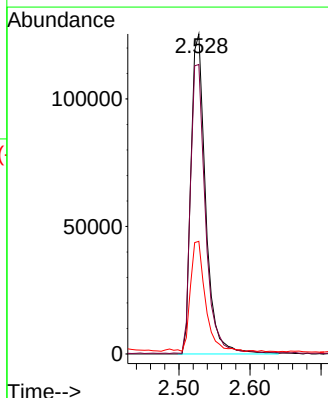
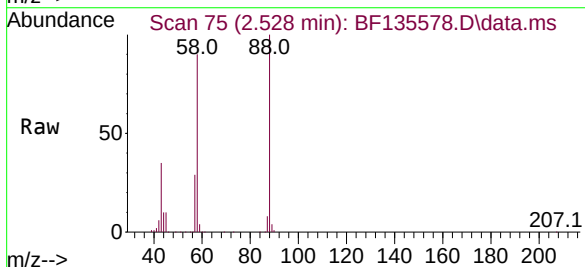
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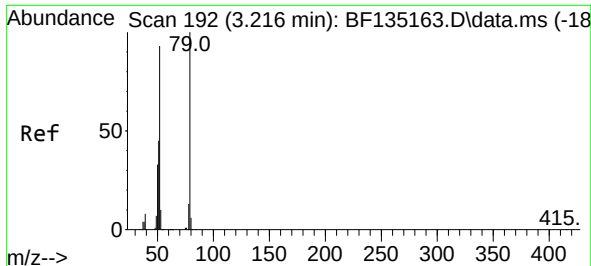
Tgt Ion:152 Resp: 163778
 Ion Ratio Lower Upper
 152 100
 150 153.0 127.8 191.6
 115 56.6 49.8 74.8



#2
 1,4-Dioxane
 Concen: 41.012 ng
 RT: 2.528 min Scan# 75
 Delta R.T. 0.106 min
 Lab File: BF135578.D
 Acq: 04 Oct 2023 19:35

Tgt Ion: 88 Resp: 181041
 Ion Ratio Lower Upper
 88 100
 58 91.3 78.3 117.5
 43 34.2 29.4 44.0

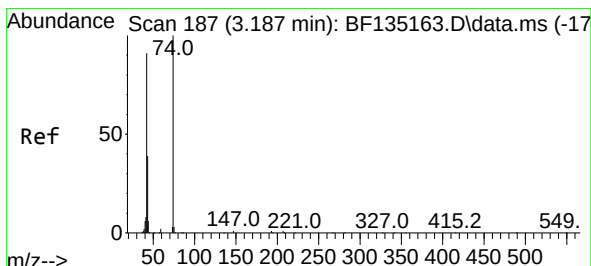
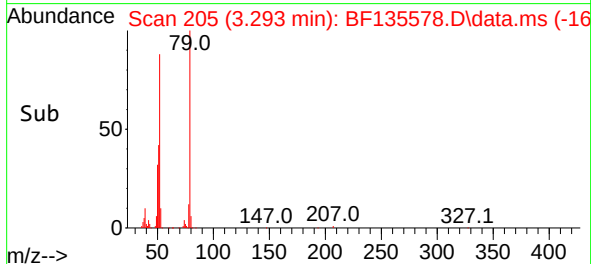
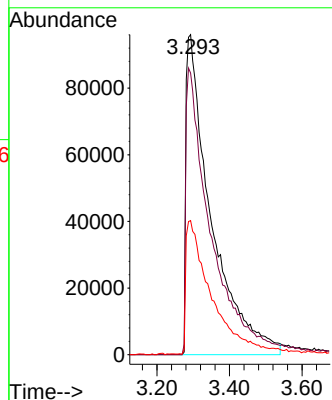
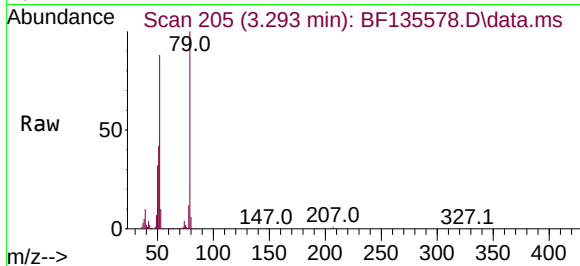




#3
 Pyridine
 Concen: 38.734 ng
 RT: 3.293 min Scan# 205
 Delta R.T. 0.129 min
 Lab File: BF135578.D
 Acq: 04 Oct 2023 19:35

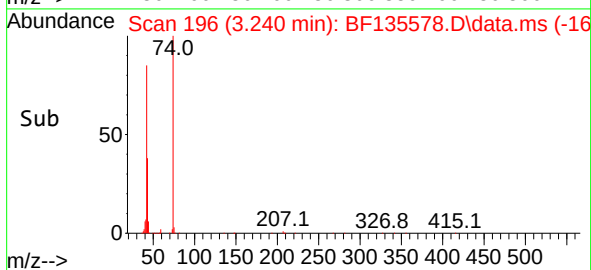
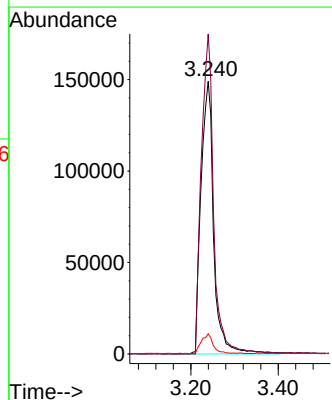
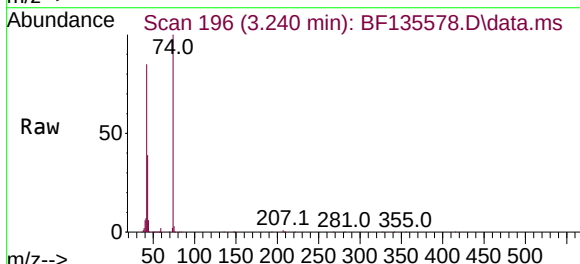
Instrument :
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 ClientSampleId :
 SP1-COMPMS

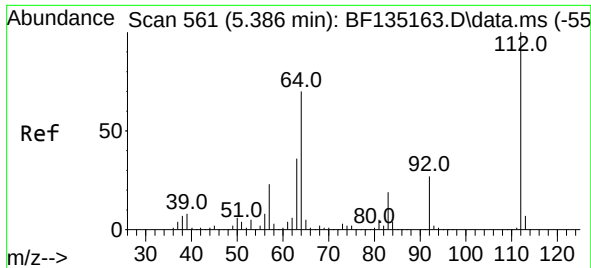
Tgt Ion: 79 Resp: 460189
 Ion Ratio Lower Upper
 79 100
 52 88.0 74.1 111.1
 51 41.9 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 47.710 ng
 RT: 3.240 min Scan# 196
 Delta R.T. 0.106 min
 Lab File: BF135578.D
 Acq: 04 Oct 2023 19:35

Tgt Ion: 42 Resp: 300794
 Ion Ratio Lower Upper
 42 100
 74 117.3 87.7 131.5
 44 7.4 5.6 8.4

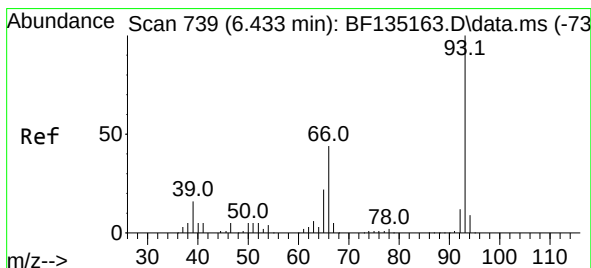
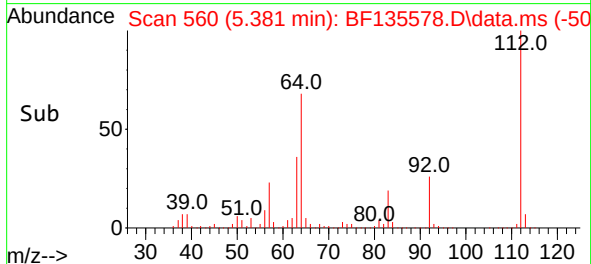
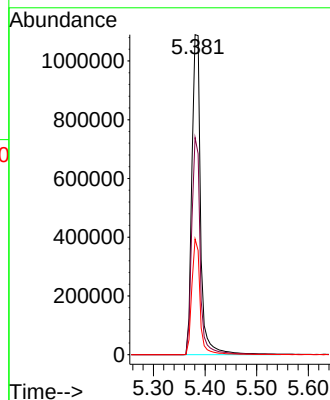
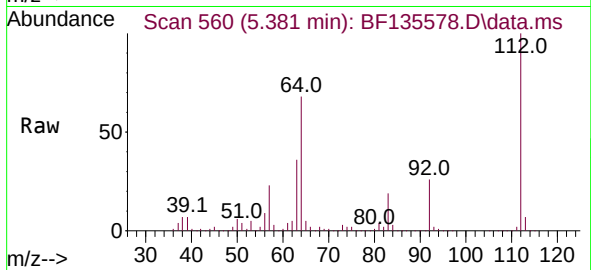




#5
2-Fluorophenol
Concen: 127.303 ng
RT: 5.381 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

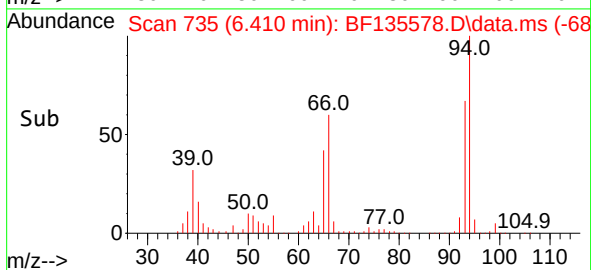
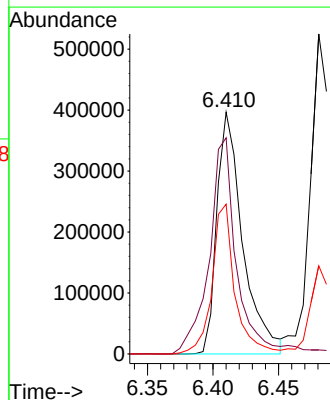
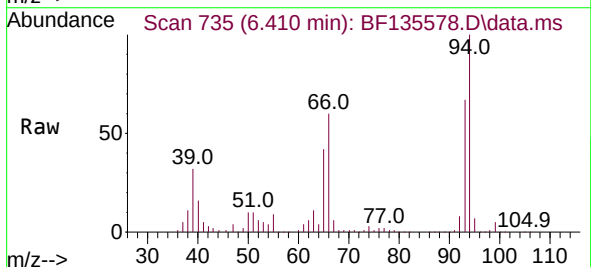
Instrument :
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ClientSampleId :
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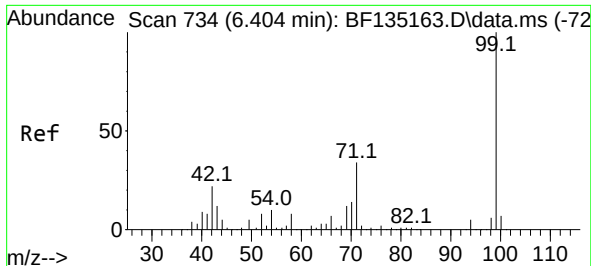
Tgt Ion:112 Resp: 1281902
Ion Ratio Lower Upper
112 100
64 67.9 55.9 83.9
63 36.1 29.0 43.6



#6
Aniline
Concen: 32.356 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion: 93 Resp: 543274
Ion Ratio Lower Upper
93 100
66 89.4 35.4 53.0#
65 61.9 17.8 26.8#

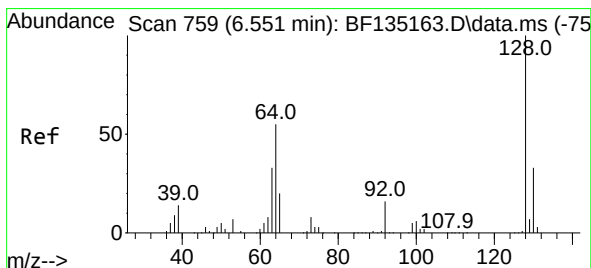
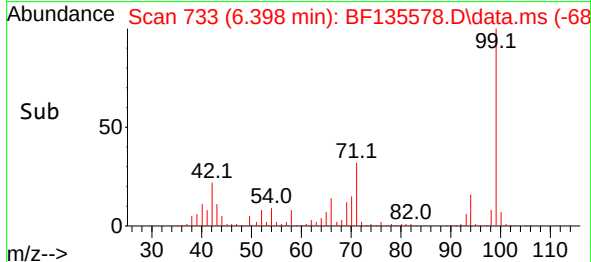
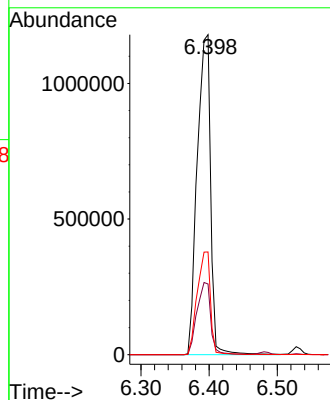
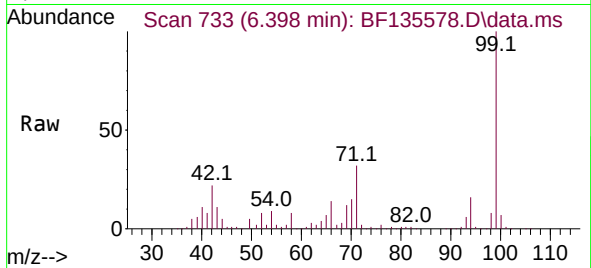




#7
Phenol-d6
Concen: 125.162 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

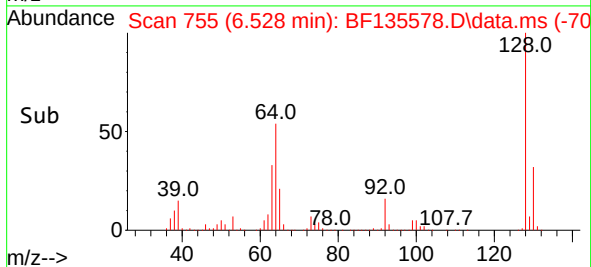
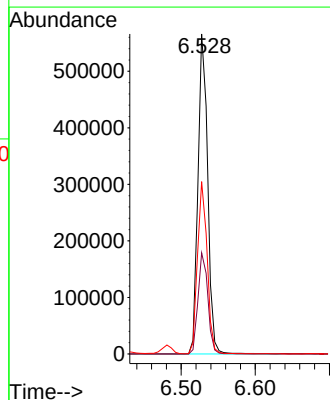
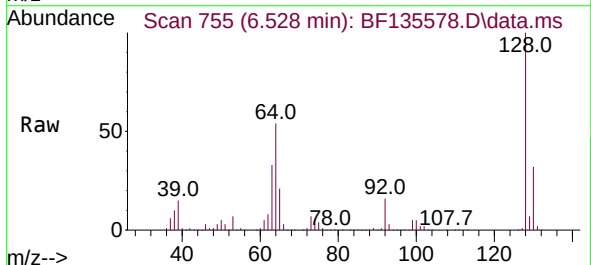
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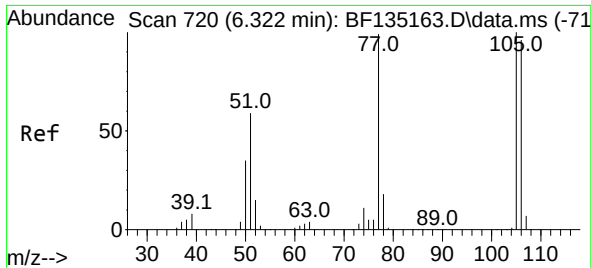
Tgt Ion: 99 Resp: 1602596
Ion Ratio Lower Upper
99 100
42 22.1 17.9 26.9
71 32.1 27.0 40.6



#8
2-Chlorophenol
Concen: 47.659 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion: 128 Resp: 512312
Ion Ratio Lower Upper
128 100
130 31.6 12.7 52.7
64 53.9 35.9 75.9





#9

Benzaldehyde

Concen: 14.136 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

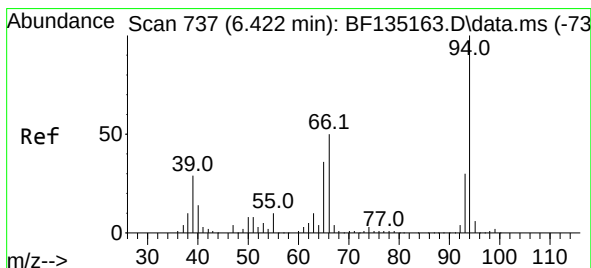
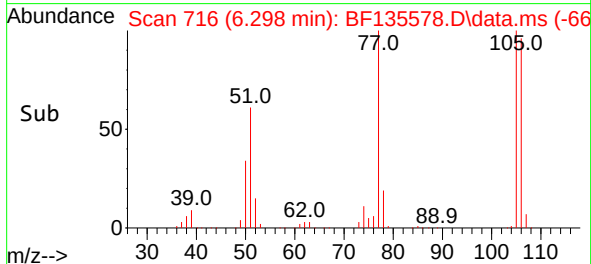
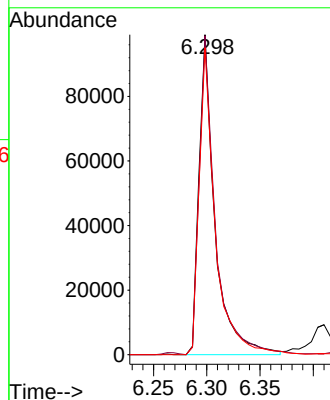
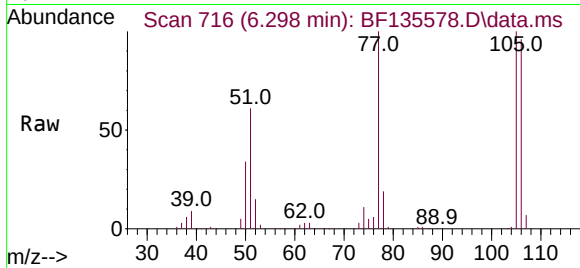
Tgt Ion: 77 Resp: 103112

Ion Ratio Lower Upper

77 100

105 99.7 81.4 121.4

106 96.0 76.9 116.9



#10

Phenol

Concen: 42.397 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

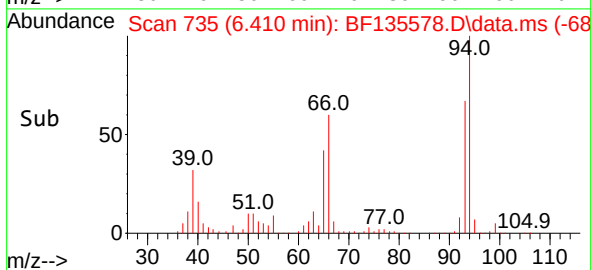
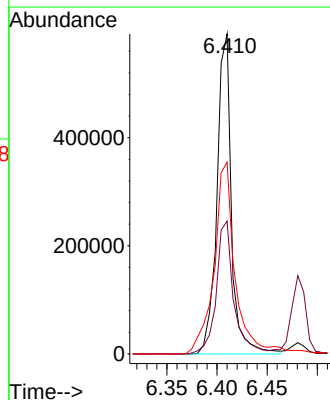
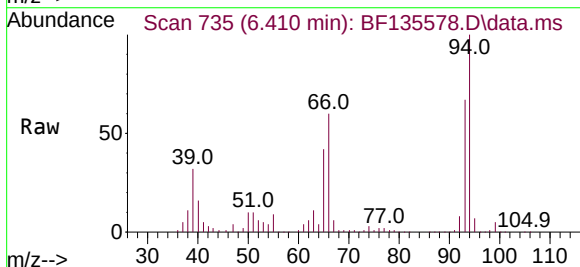
Tgt Ion: 94 Resp: 595265

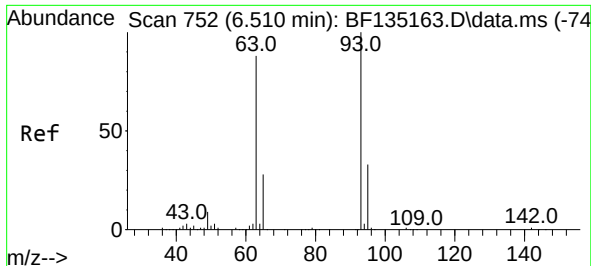
Ion Ratio Lower Upper

94 100

65 41.5 15.9 55.9

66 59.9 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 51.208 ng

RT: 6.481 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

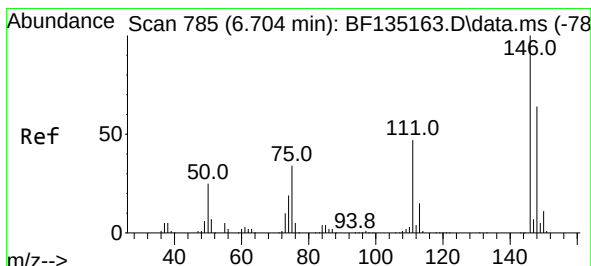
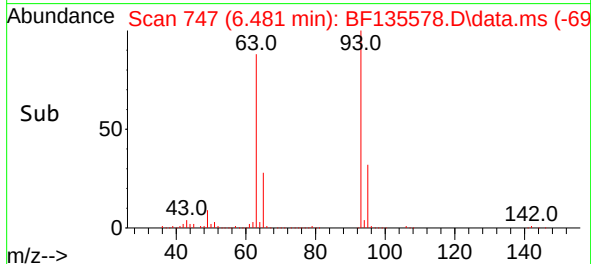
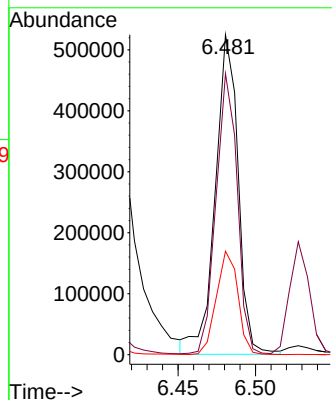
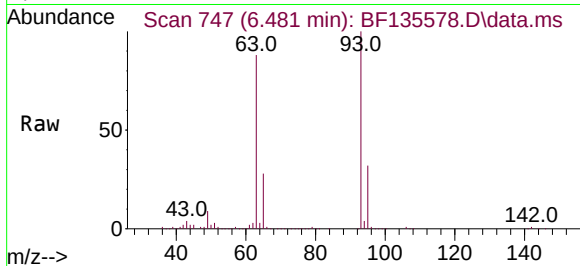
Tgt Ion: 93 Resp: 539310

Ion Ratio Lower Upper

93 100

63 87.9 67.3 107.3

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 44.229 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

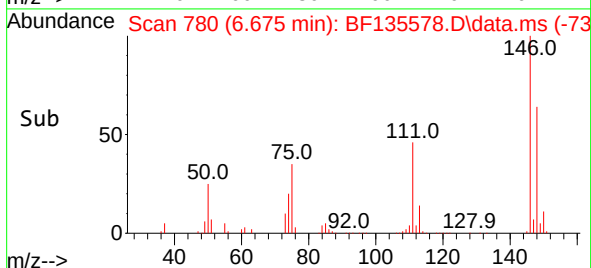
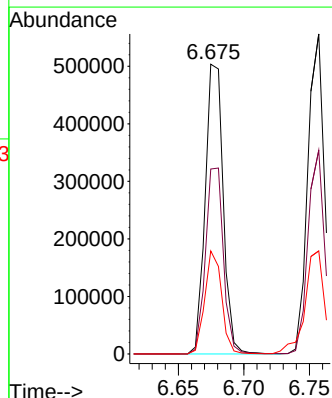
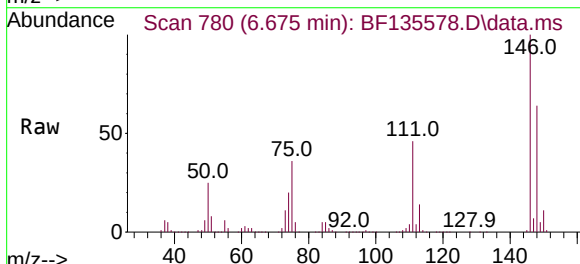
Tgt Ion:146 Resp: 483185

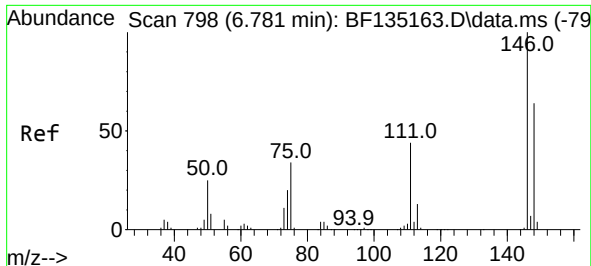
Ion Ratio Lower Upper

146 100

148 63.8 51.3 76.9

75 35.6 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.849 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

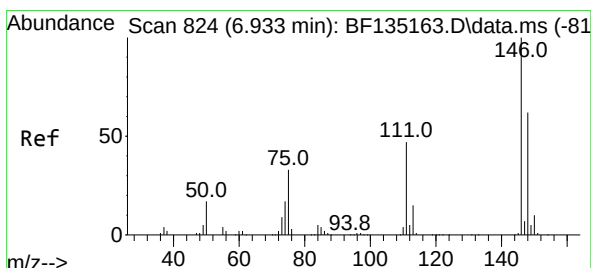
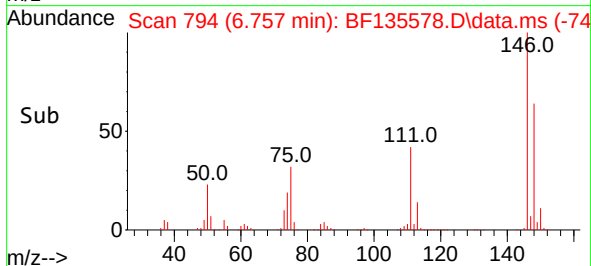
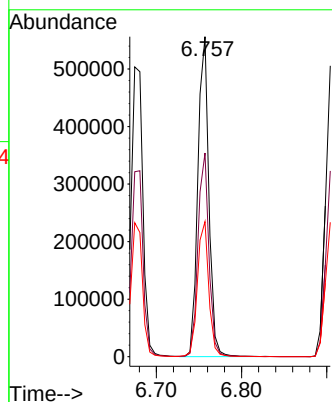
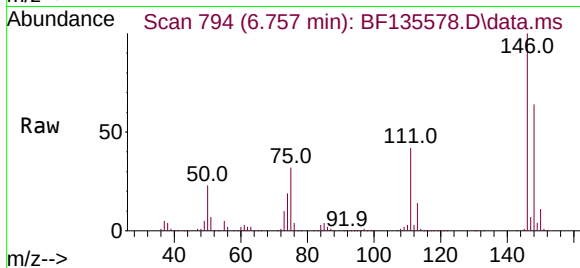
Tgt Ion:146 Resp: 498483

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 42.2 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 44.863 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

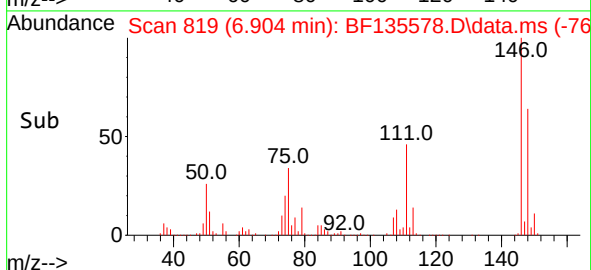
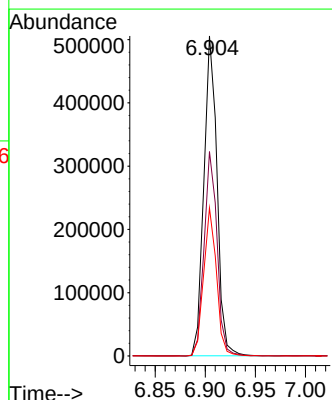
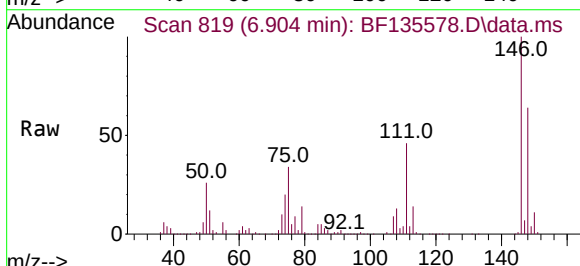
Tgt Ion:146 Resp: 463059

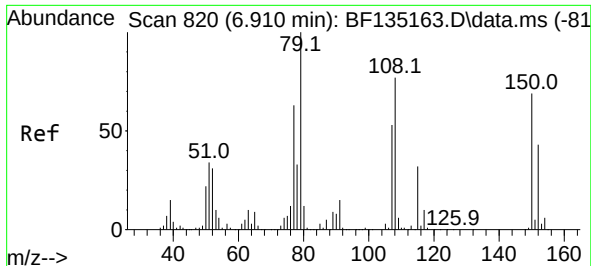
Ion Ratio Lower Upper

146 100

148 63.9 49.7 74.5

111 46.2 37.4 56.2

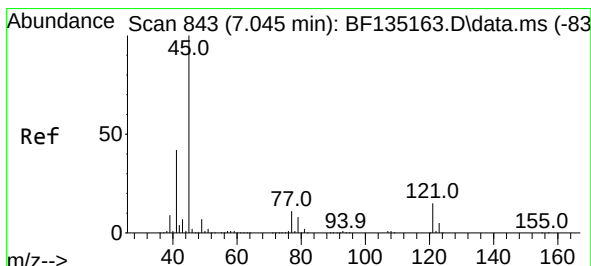
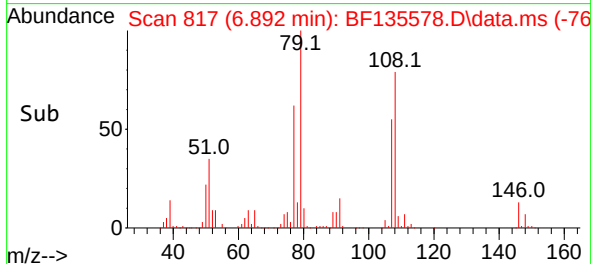
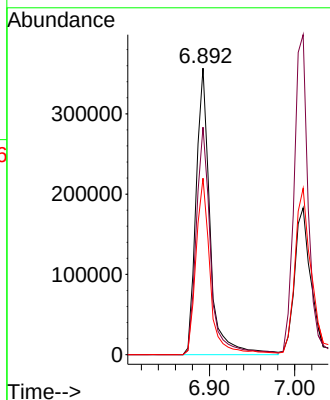
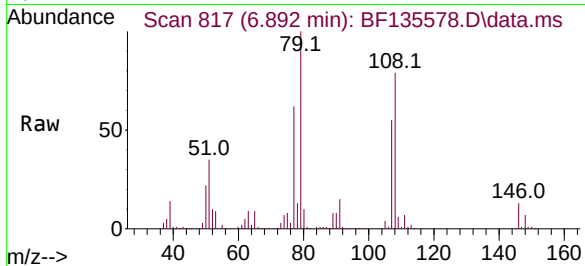




#15
Benzyl Alcohol
Concen: 44.481 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

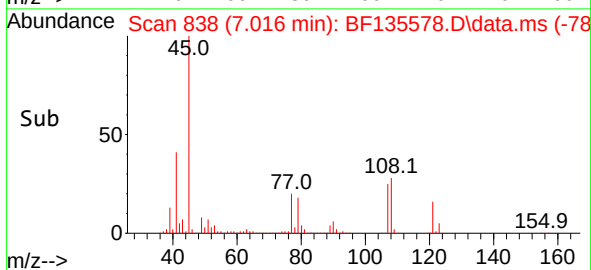
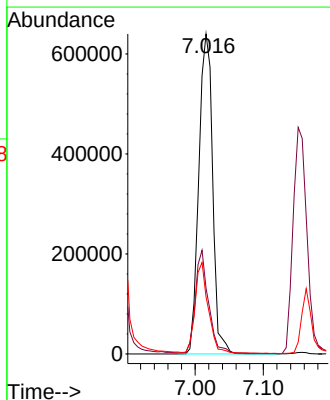
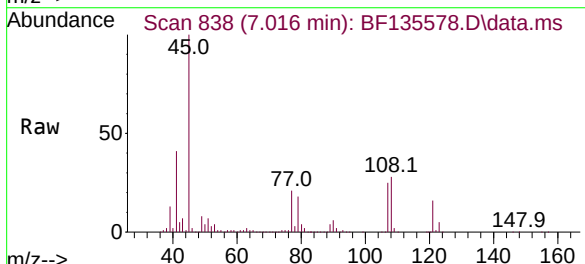
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

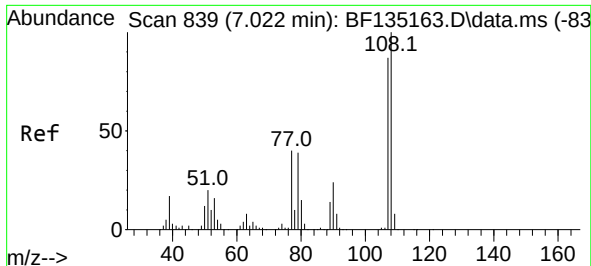
Tgt Ion: 79 Resp: 408693
Ion Ratio Lower Upper
79 100
108 79.4 61.2 91.8
77 61.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.233 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion: 45 Resp: 897939
Ion Ratio Lower Upper
45 100
77 20.5 0.0 30.6
79 17.9 0.0 28.3

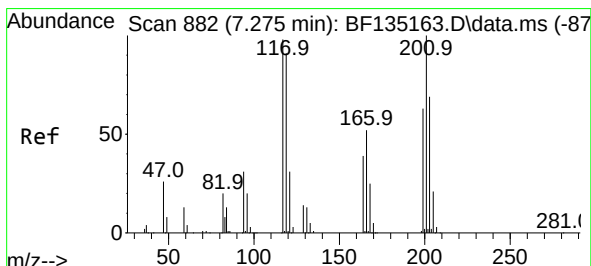
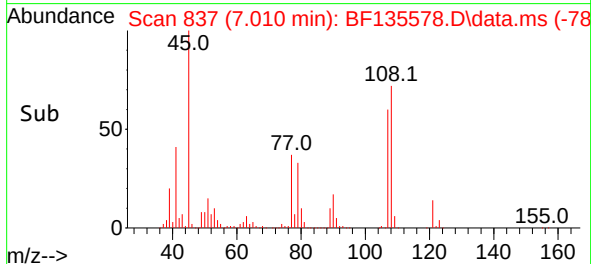
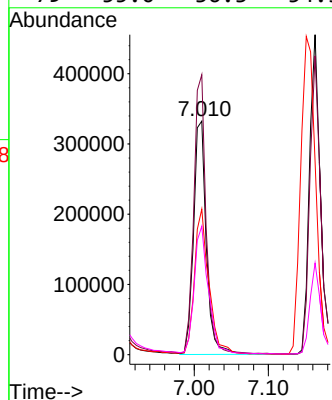
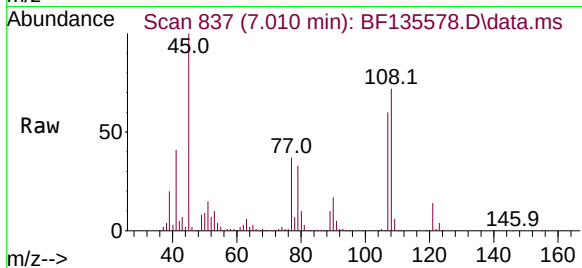




#17
2-Methylphenol
Concen: 42.039 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

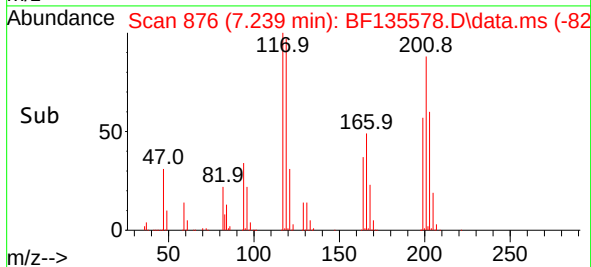
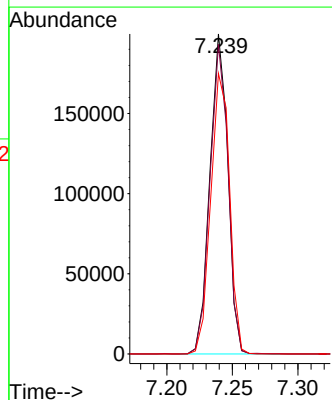
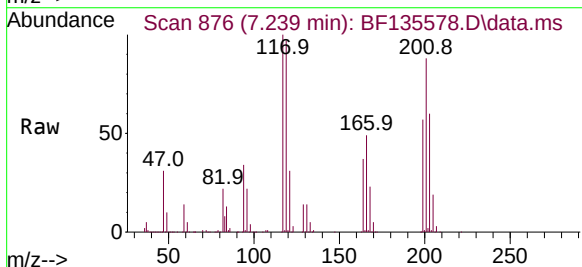
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

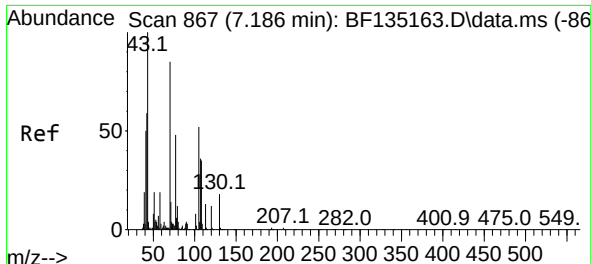
Tgt Ion:107 Resp: 398784
Ion Ratio Lower Upper
107 100
108 119.9 92.0 138.0
77 62.3 36.7 55.1#
79 55.0 36.3 54.5#



#18
Hexachloroethane
Concen: 46.433 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:117 Resp: 190691
Ion Ratio Lower Upper
117 100
119 96.7 74.7 112.1
201 87.7 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 41.028 ng

RT: 7.157 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF135578.D

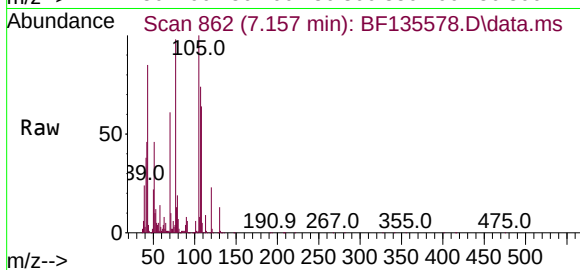
Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS



Tgt Ion: 70 Resp: 325390

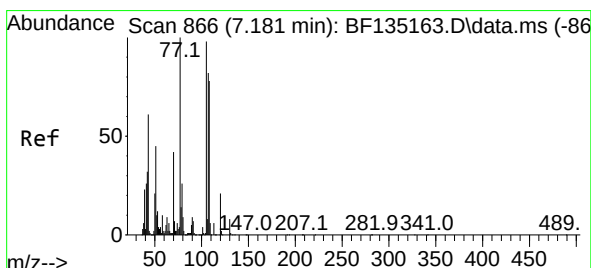
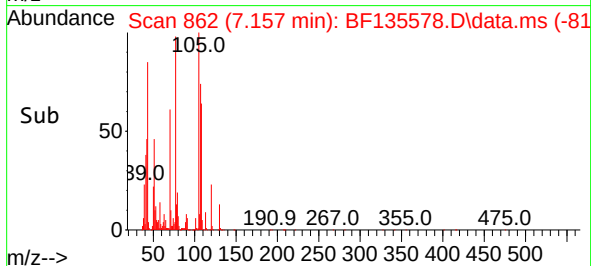
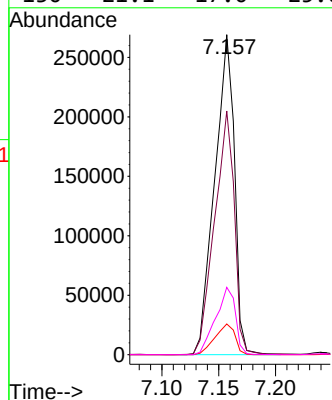
Ion Ratio Lower Upper

70 100

42 76.2 55.4 83.0

101 9.6 7.7 11.5

130 21.1 17.0 25.6



#20

3+4-Methylphenols

Concen: 42.696 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Tgt Ion: 107 Resp: 487012

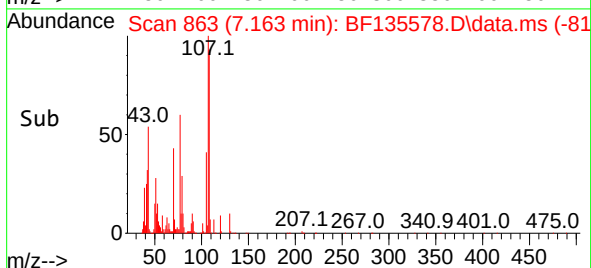
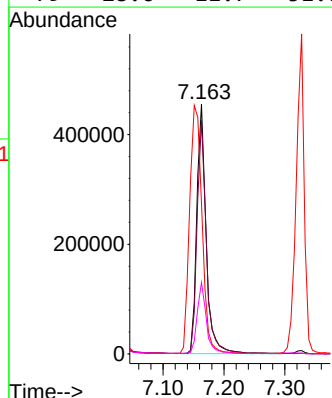
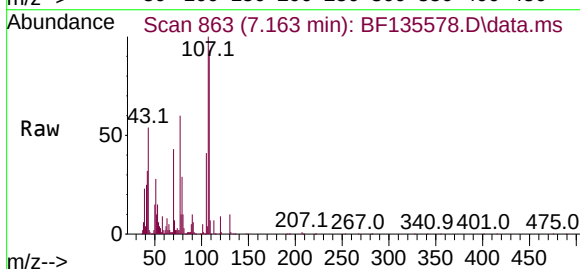
Ion Ratio Lower Upper

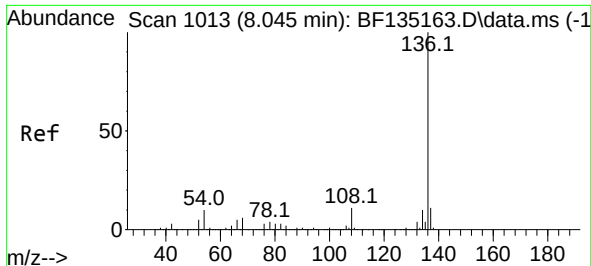
107 100

108 93.4 74.7 114.7

77 60.4 102.0 142.0#

79 28.6 11.7 51.7

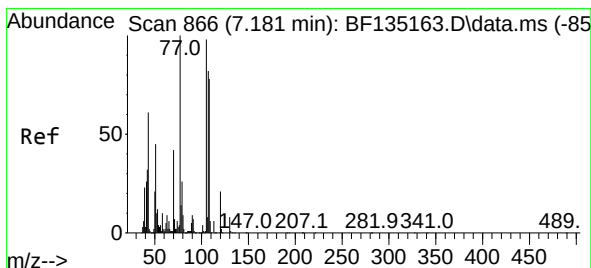
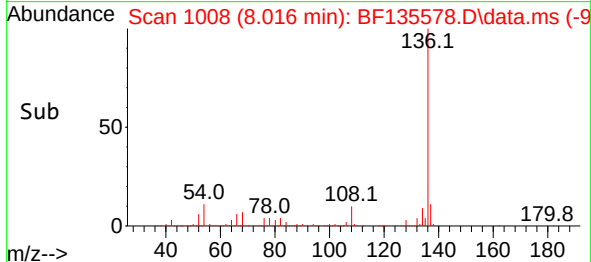
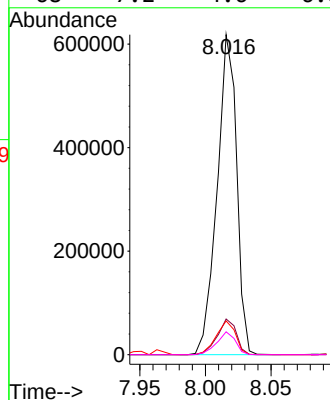
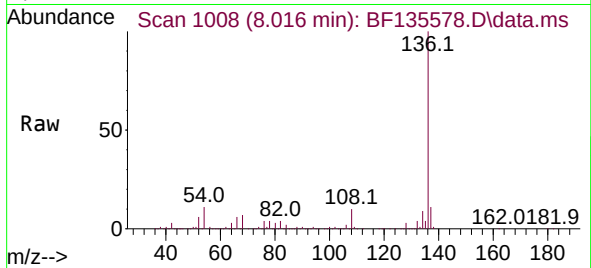




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

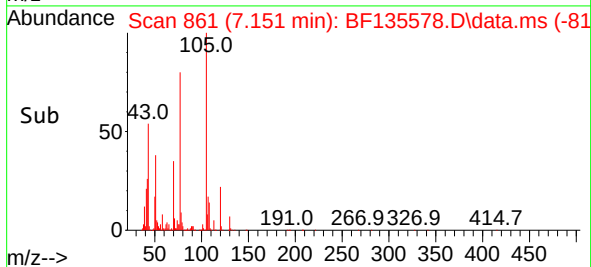
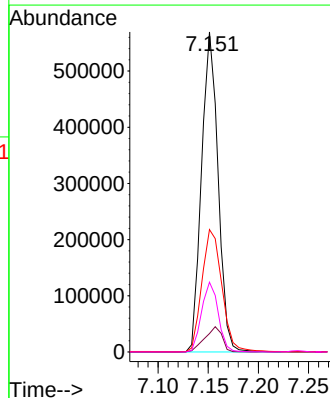
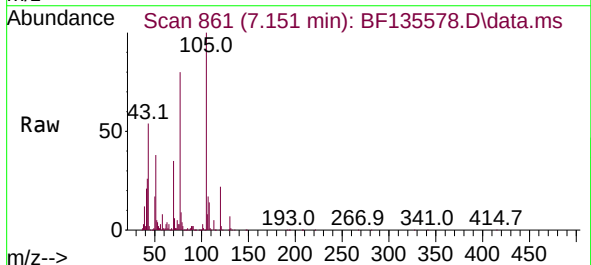
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

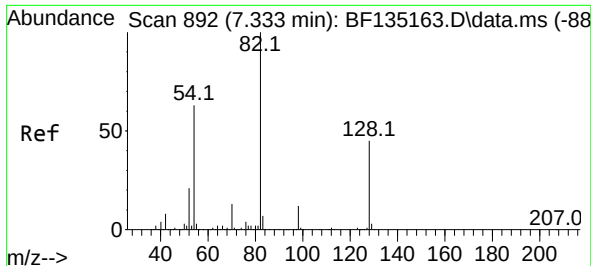
Tgt Ion:136 Resp: 638838
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.6 7.7 11.5
68 7.2 4.6 6.8#



#22
Acetophenone
Concen: 44.925 ng
RT: 7.151 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:105 Resp: 656156
Ion Ratio Lower Upper
105 100
71 5.8 5.8 8.6#
51 38.2 37.0 55.4
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 87.752 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

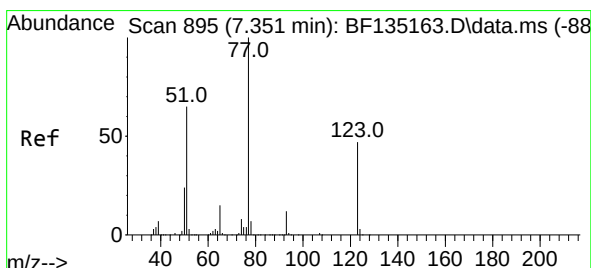
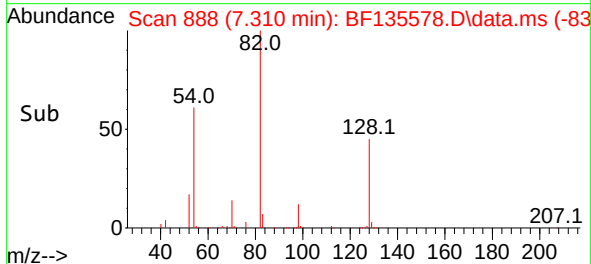
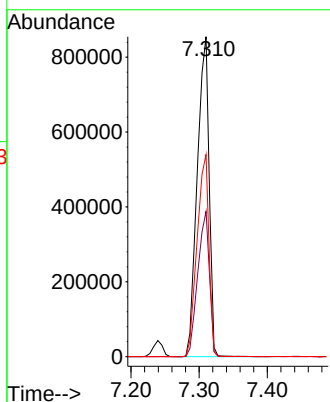
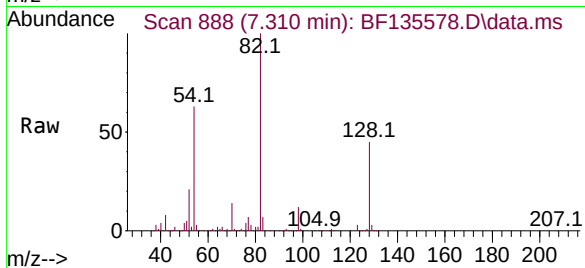
BNA_F

ClientSampleId :

SP1-COMPMS

Tgt Ion: 82 Resp: 1031836

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.8	53.6
54	63.2	50.6	76.0



#24

Nitrobenzene

Concen: 46.185 ng

RT: 7.328 min Scan# 891

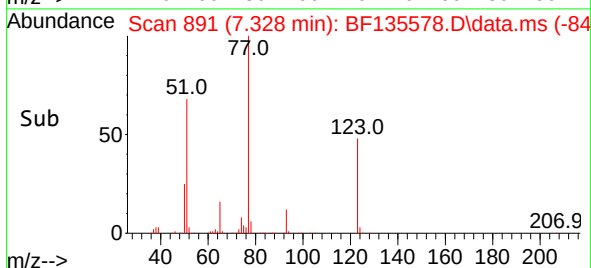
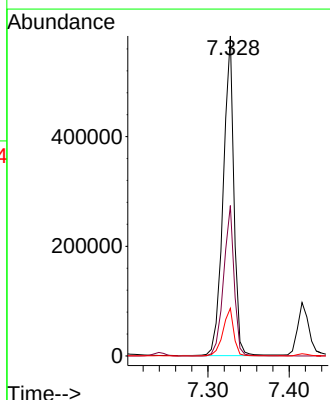
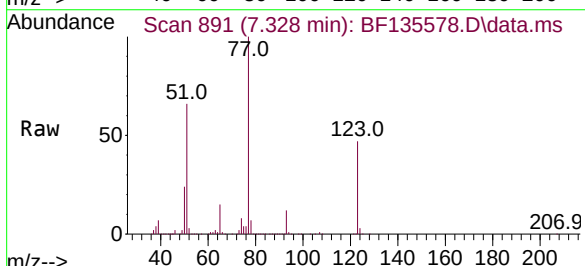
Delta R.T. 0.000 min

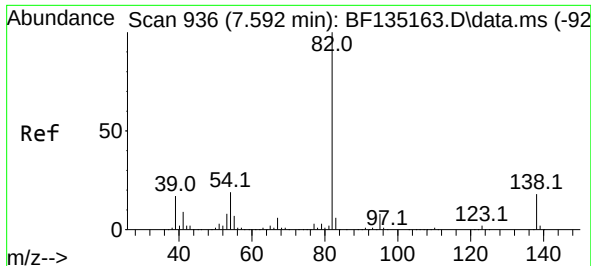
Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Tgt Ion: 77 Resp: 536768

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.6	56.4
65	14.9	12.2	18.4

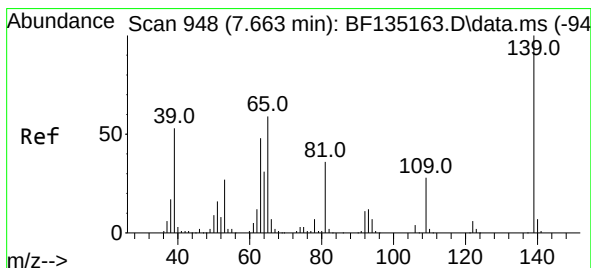
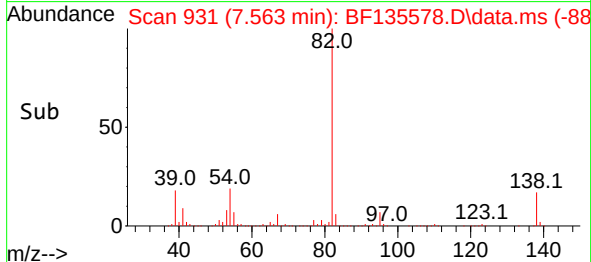
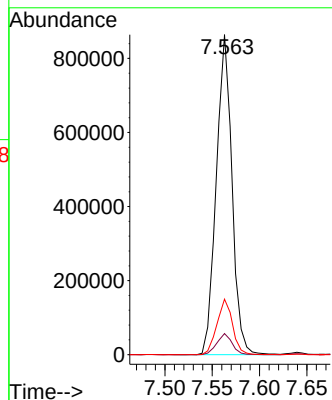
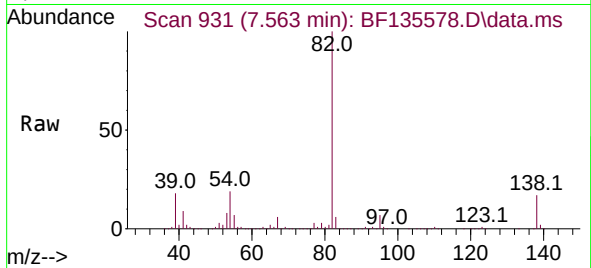




#25
Isophorone
Concen: 46.074 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

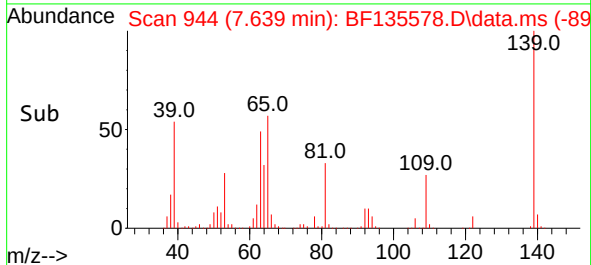
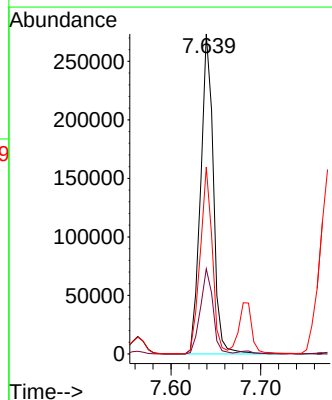
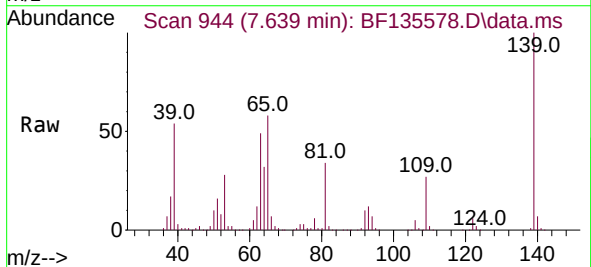
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

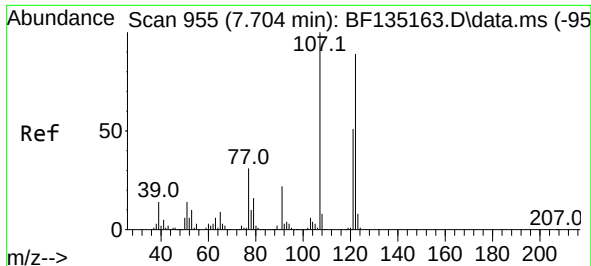
Tgt Ion: 82 Resp: 994825
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 17.4 14.5 21.7



#26
2-Nitrophenol
Concen: 48.380 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion: 139 Resp: 269866
Ion Ratio Lower Upper
139 100
109 26.6 22.6 33.8
65 58.4 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 41.947 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

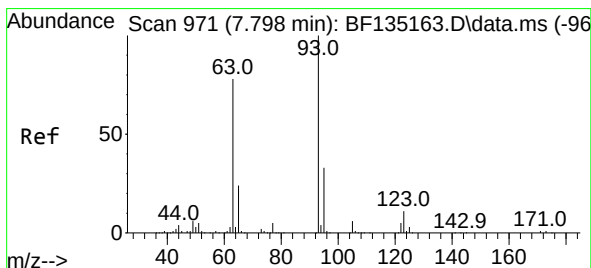
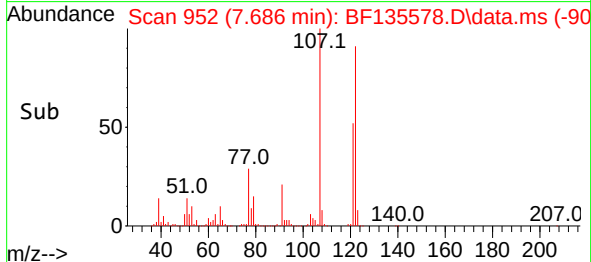
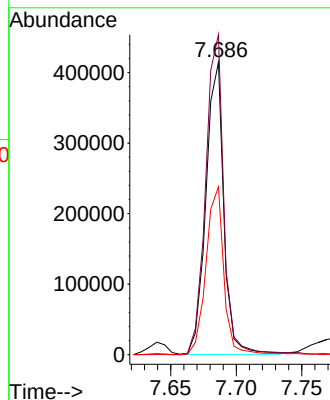
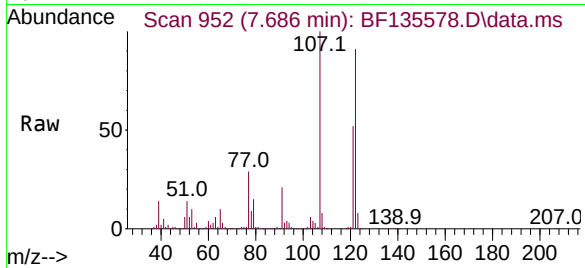
Tgt Ion:122 Resp: 393294

Ion Ratio Lower Upper

122 100

107 109.4 90.2 135.4

121 57.4 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 47.789 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

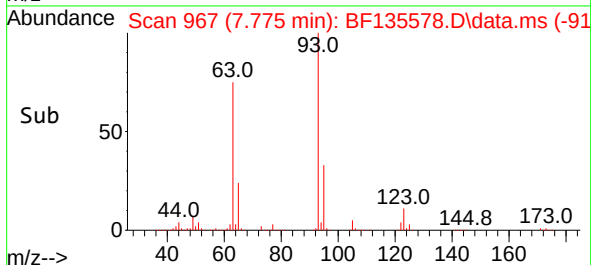
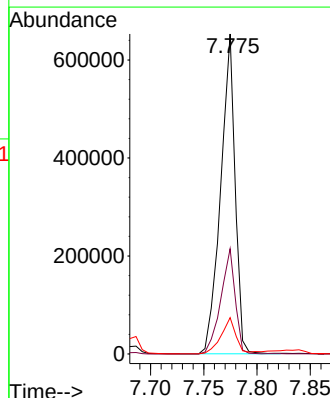
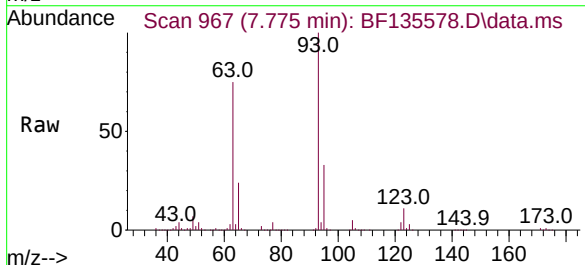
Tgt Ion: 93 Resp: 617598

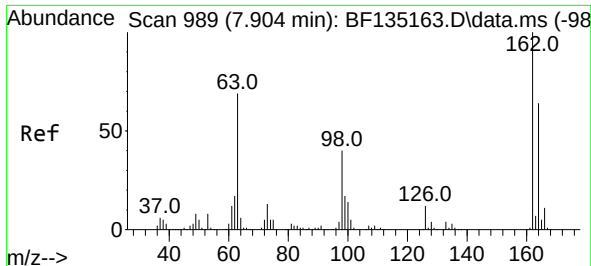
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 46.945 ng

RT: 7.886 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

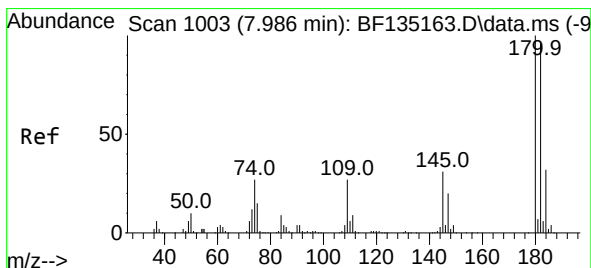
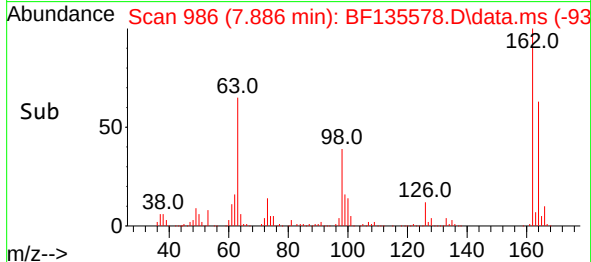
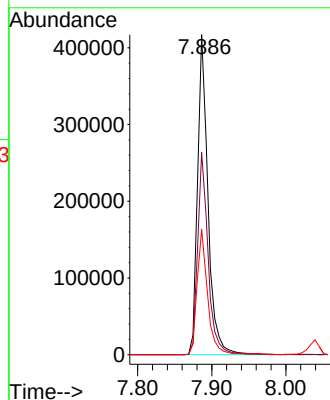
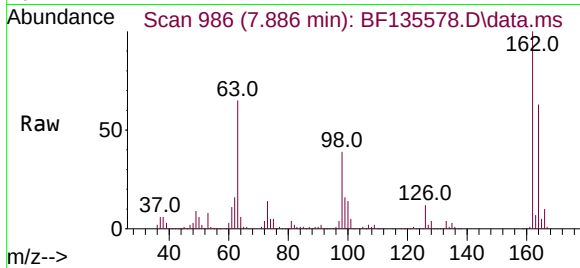
Tgt Ion:162 Resp: 407859

Ion Ratio Lower Upper

162 100

164 63.2 44.1 84.1

98 39.2 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 45.941 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

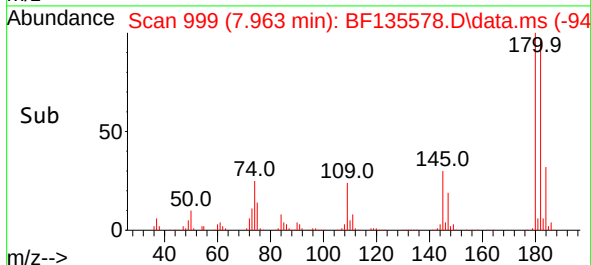
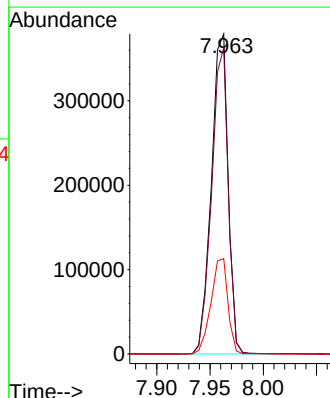
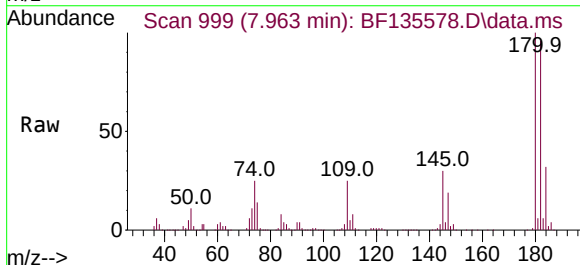
Tgt Ion:180 Resp: 417187

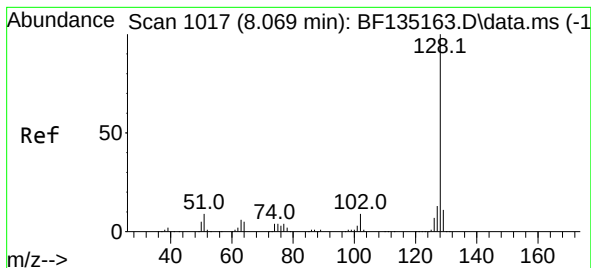
Ion Ratio Lower Upper

180 100

182 95.7 76.9 115.3

145 29.8 24.5 36.7





#31

Naphthalene

Concen: 44.765 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

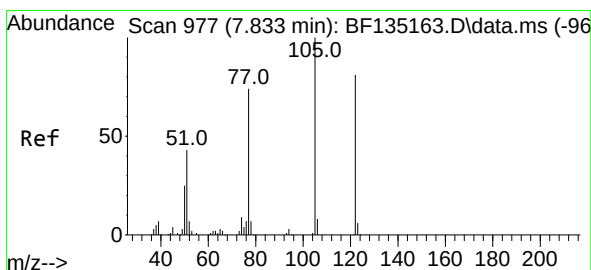
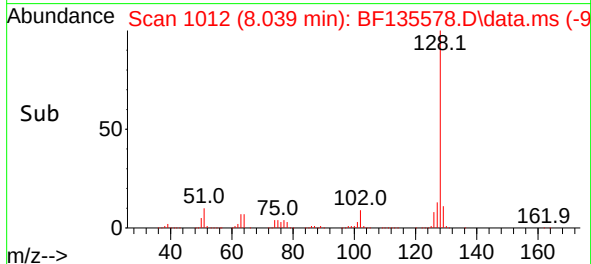
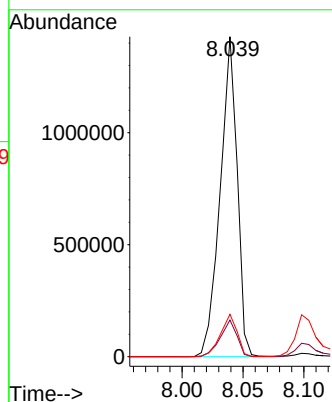
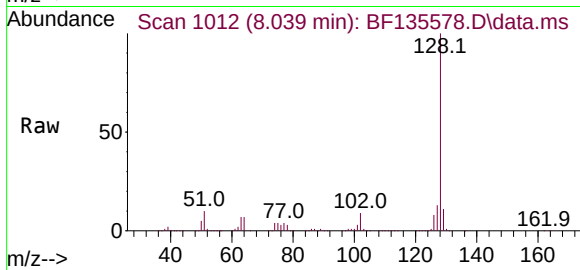
Tgt Ion:128 Resp: 1389484

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 45.161 ng

RT: 7.839 min Scan# 978

Delta R.T. 0.018 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

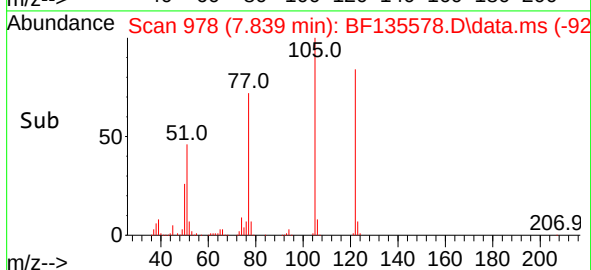
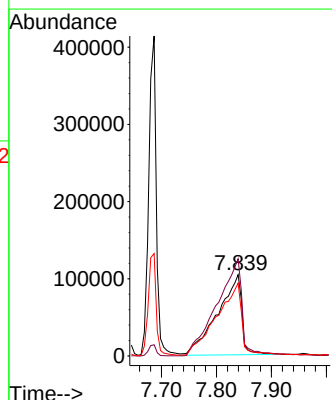
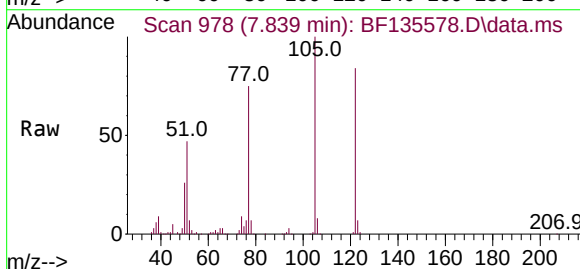
Tgt Ion:122 Resp: 318845

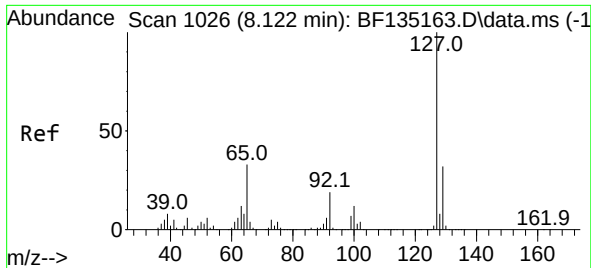
Ion Ratio Lower Upper

122 100

105 119.6 99.9 139.9

77 89.5 70.0 110.0

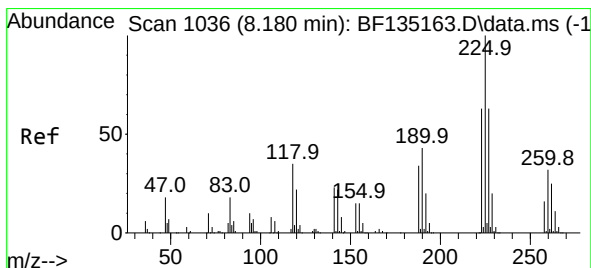
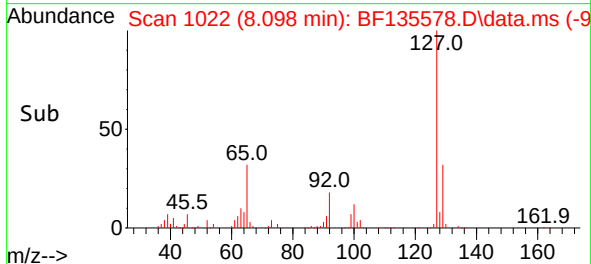
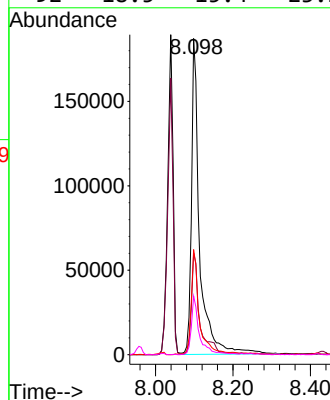
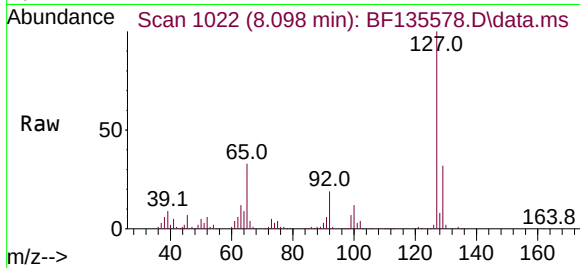




#33
4-Chloroaniline
Concen: 20.201 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

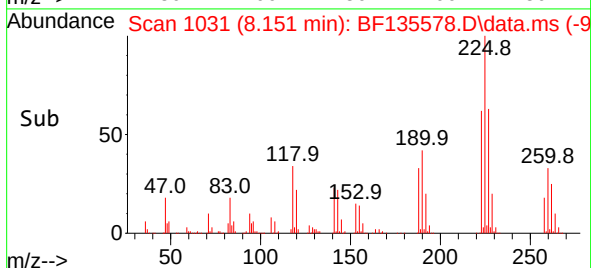
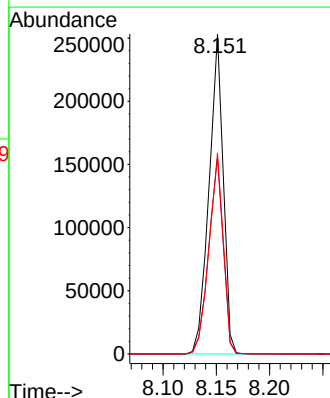
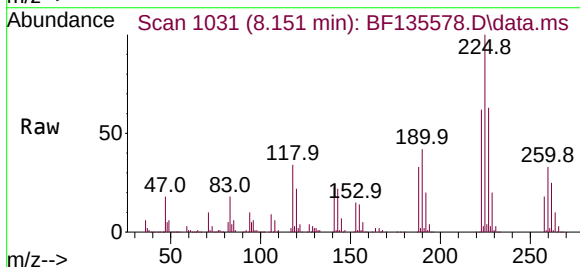
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

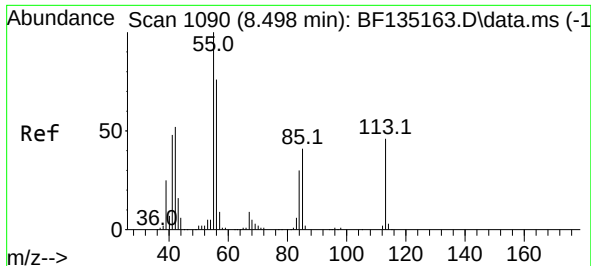
Tgt Ion:	127	Resp:	275097
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.8
65	33.3	26.6	39.8
92	18.5	15.4	23.2



#34
Hexachlorobutadiene
Concen: 43.007 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:	225	Resp:	235488
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.6	75.8
227	62.7	50.8	76.2

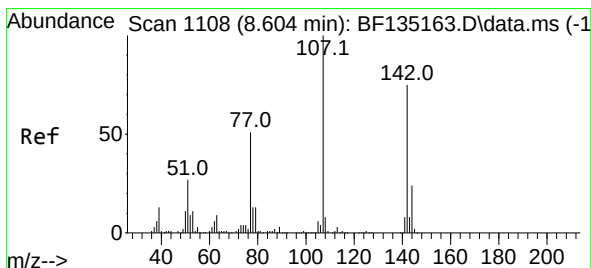
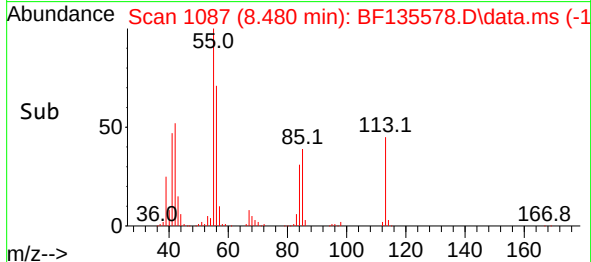
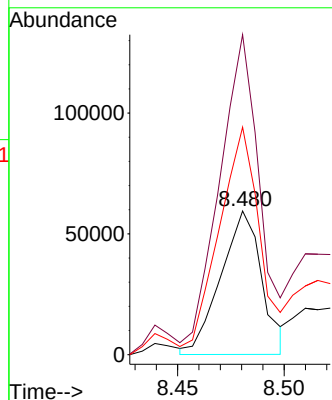
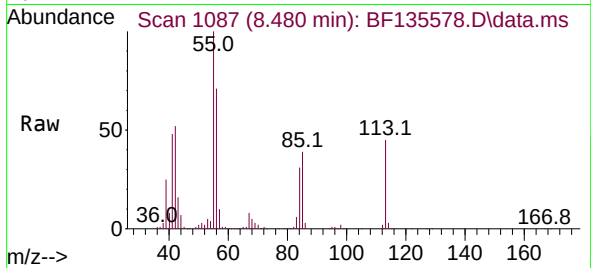




#35
 Caprolactam
 Concen: 27.295 ng
 RT: 8.480 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135578.D
 Acq: 04 Oct 2023 19:35

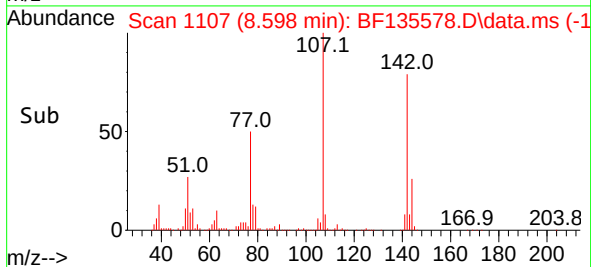
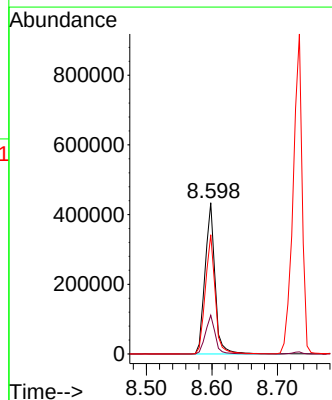
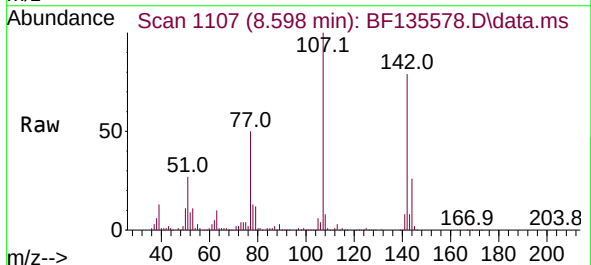
Instrument :
 BNA_F
 ClientSampleId :
 SP1-COMPMS

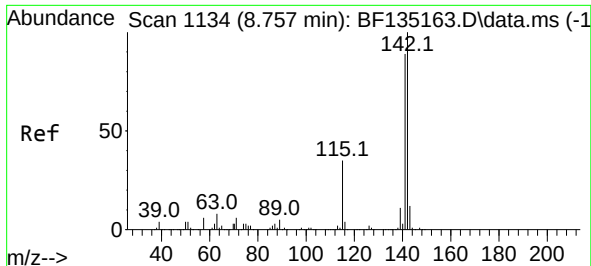
Tgt Ion:113 Resp: 79588
 Ion Ratio Lower Upper
 113 100
 55 222.8 199.3 239.3
 56 158.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.676 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135578.D
 Acq: 04 Oct 2023 19:35

Tgt Ion:107 Resp: 460360
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.0 28.4
 142 78.9 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.024 ng

RT: 8.733 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

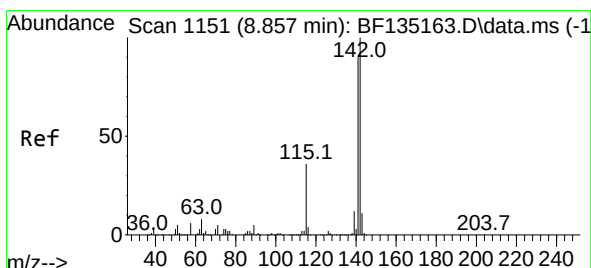
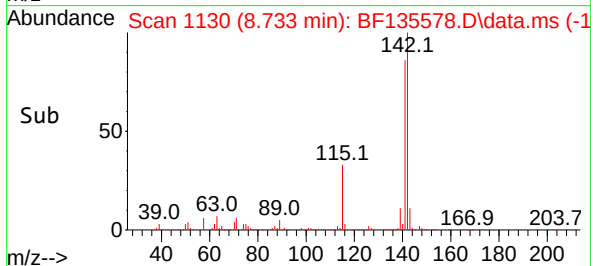
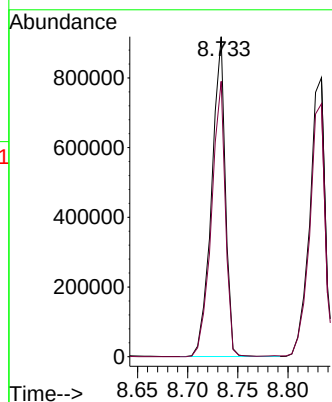
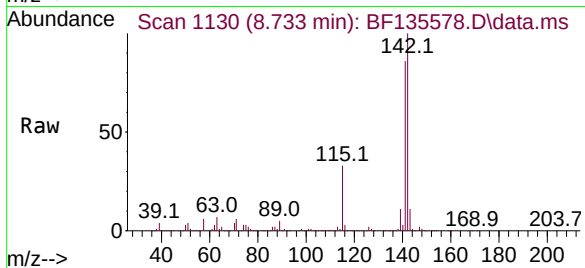
SP1-COMPMS

Tgt Ion:142 Resp: 876800

Ion Ratio Lower Upper

142 100

141 86.1 71.0 106.6



#38

1-Methylnaphthalene

Concen: 43.285 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135578.D

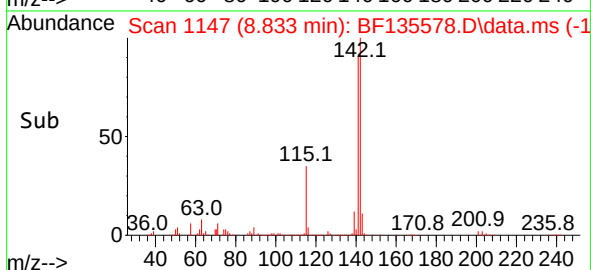
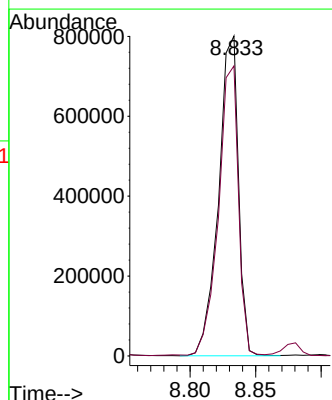
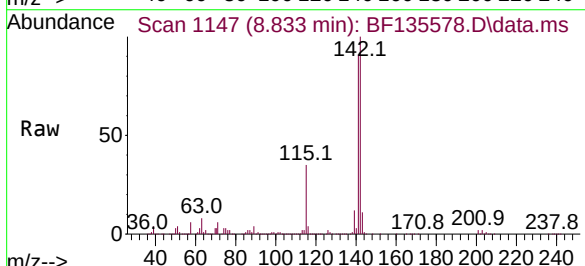
Acq: 04 Oct 2023 19:35

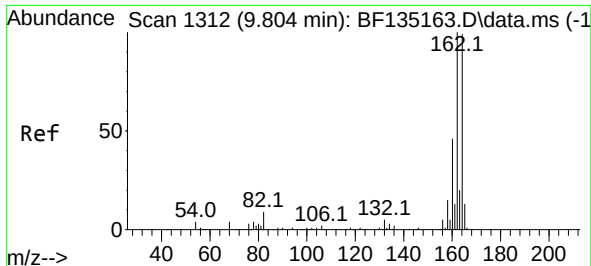
Tgt Ion:142 Resp: 845539

Ion Ratio Lower Upper

142 100

141 90.6 72.4 108.6

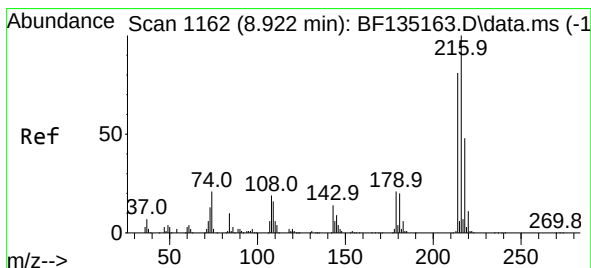
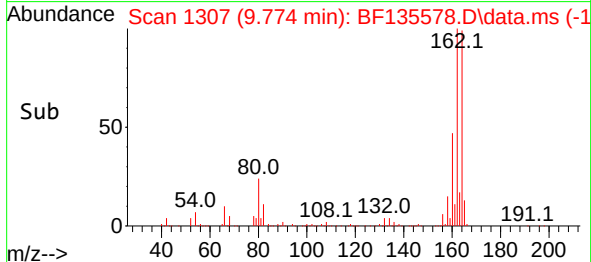
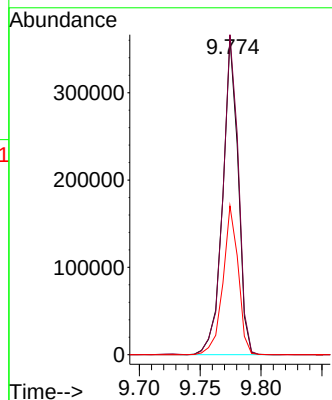
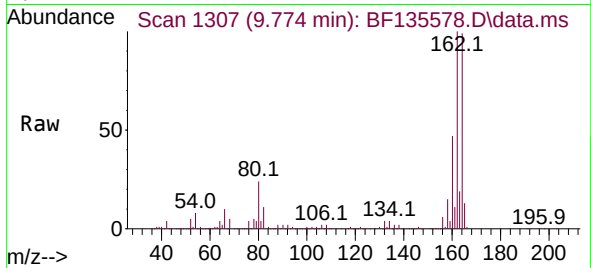




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

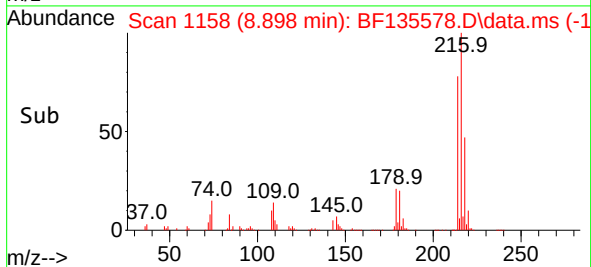
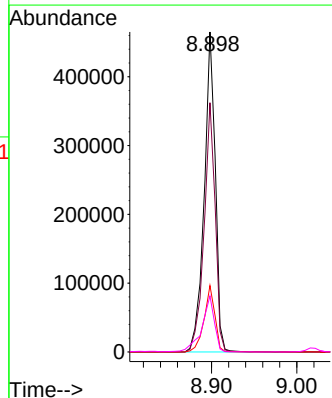
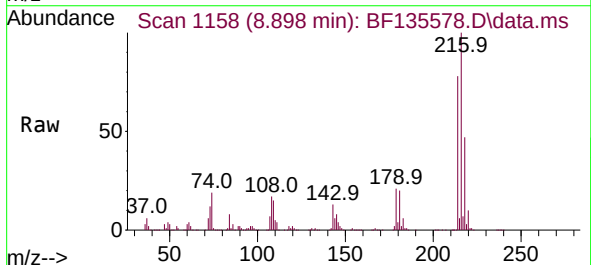
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

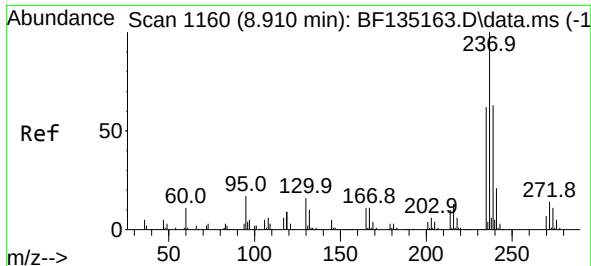
Tgt Ion:164 Resp: 319841
Ion Ratio Lower Upper
164 100
162 101.1 81.0 121.4
160 47.0 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.186 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:216 Resp: 418701
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 20.2 16.7 25.1
108 19.9 14.9 22.3

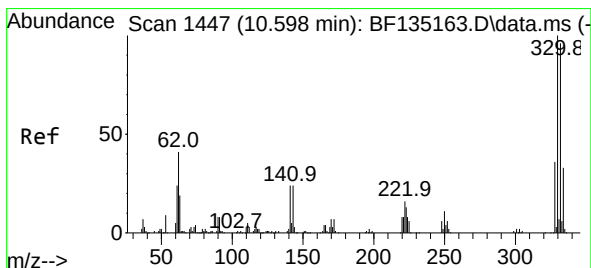
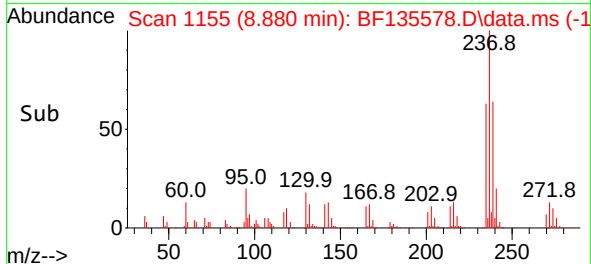
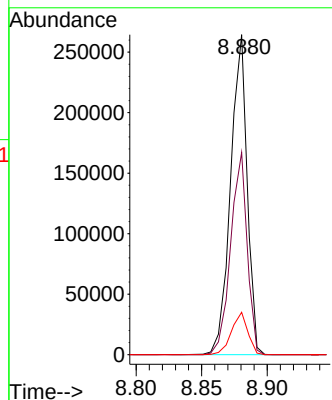
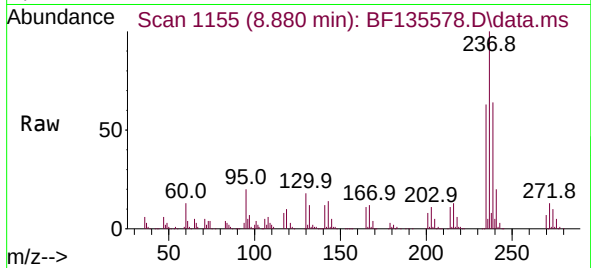




#41
Hexachlorocyclopentadiene
Concen: 59.126 ng
RT: 8.880 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

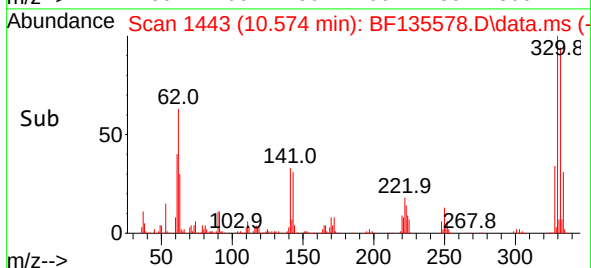
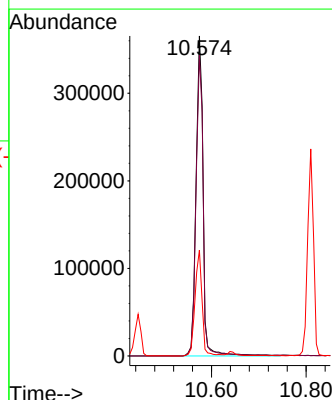
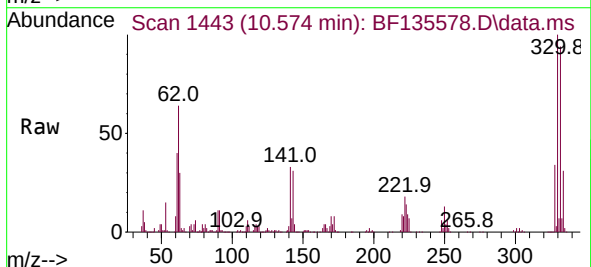
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

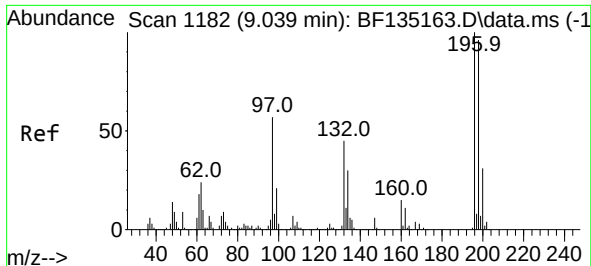
Tgt Ion:237 Resp: 232741
Ion Ratio Lower Upper
237 100
235 63.2 41.8 81.8
272 13.3 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 119.260 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:330 Resp: 379060
Ion Ratio Lower Upper
330 100
332 95.1 77.3 115.9
141 33.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 45.708 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

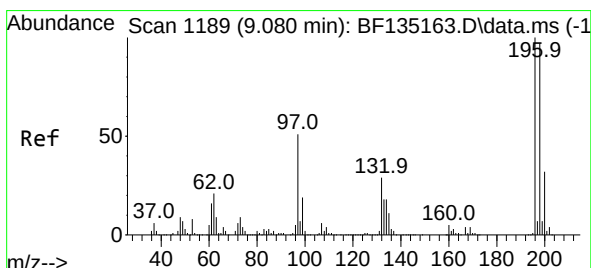
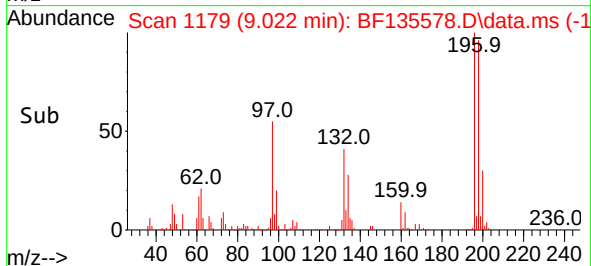
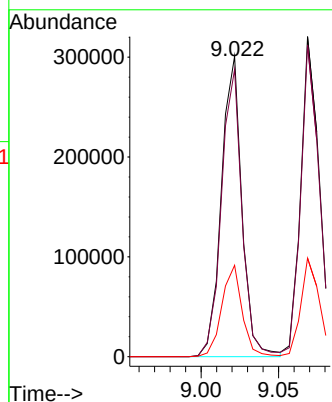
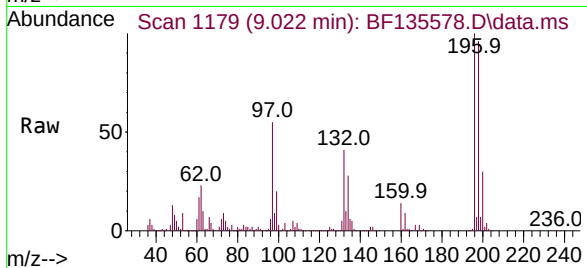
Tgt Ion:196 Resp: 277306

Ion Ratio Lower Upper

196 100

198 95.6 77.0 115.6

200 30.4 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 41.134 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Tgt Ion:196 Resp: 287389

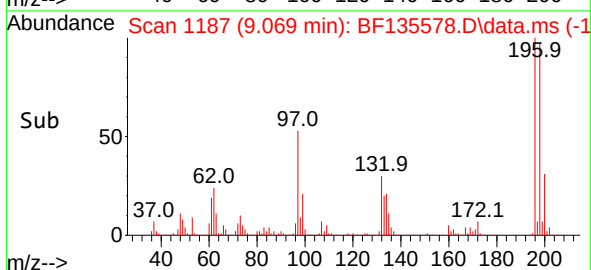
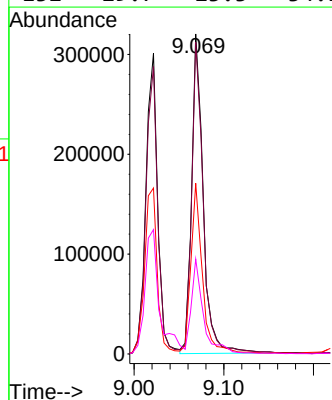
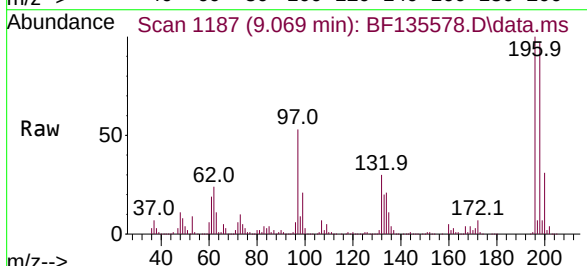
Ion Ratio Lower Upper

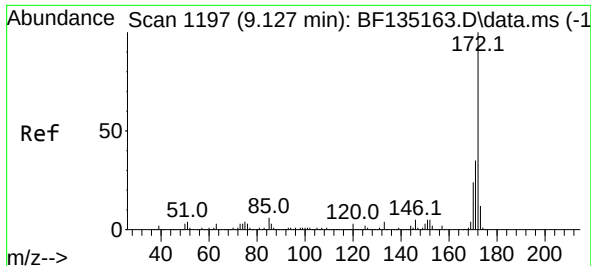
196 100

198 97.4 77.5 116.3

97 53.4 40.5 60.7

132 29.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 82.030 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

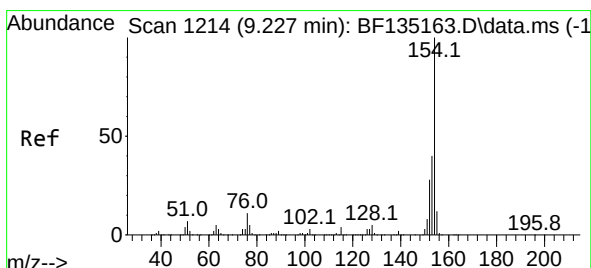
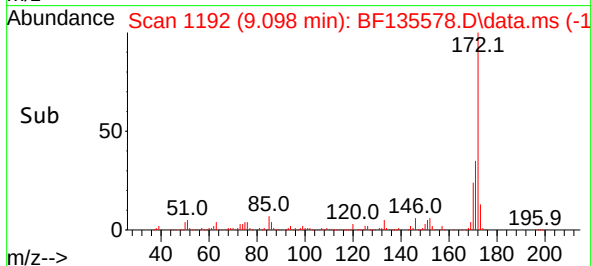
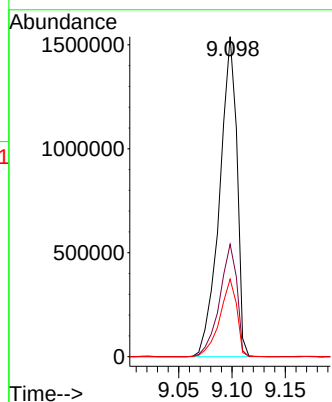
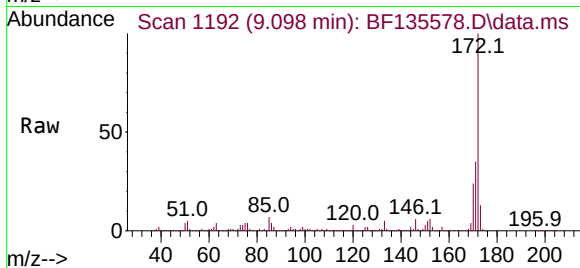
Tgt Ion:172 Resp: 1738988

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 24.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 44.395 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

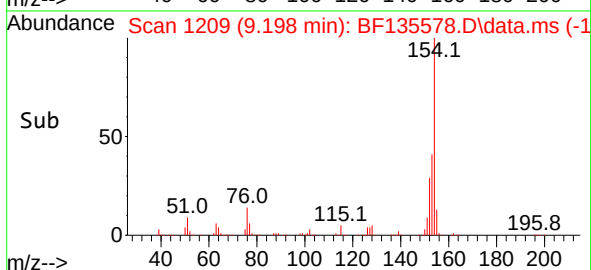
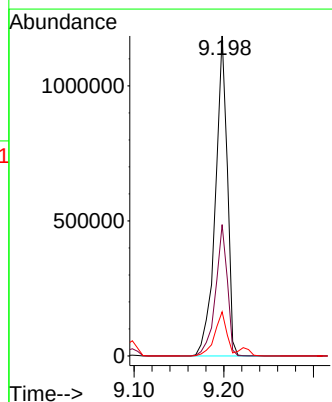
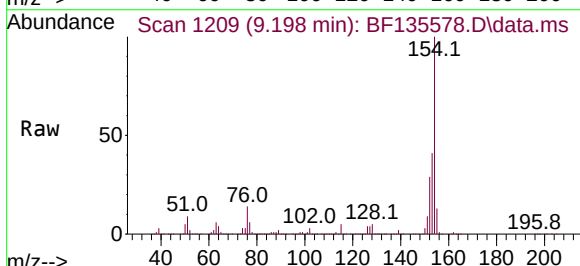
Tgt Ion:154 Resp: 1091202

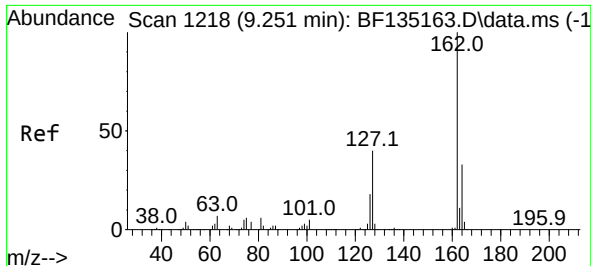
Ion Ratio Lower Upper

154 100

153 41.0 19.6 59.6

76 13.8 0.0 31.0

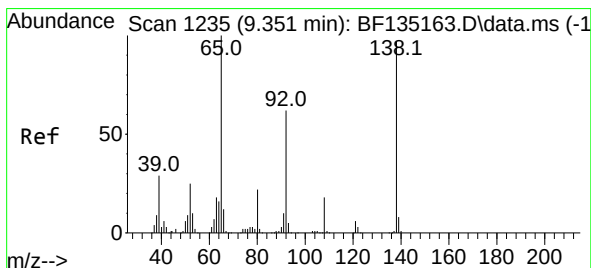
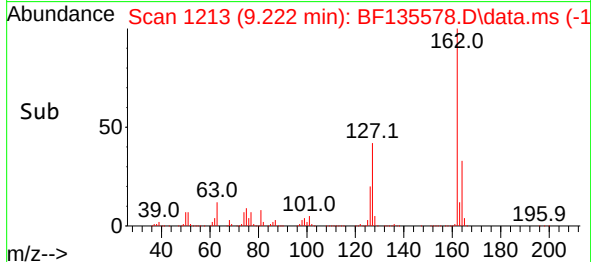
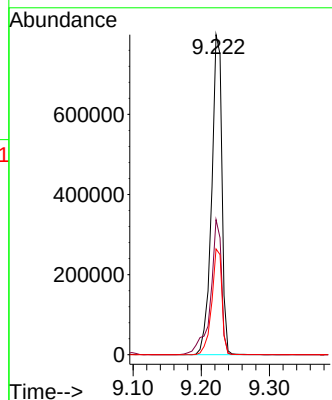
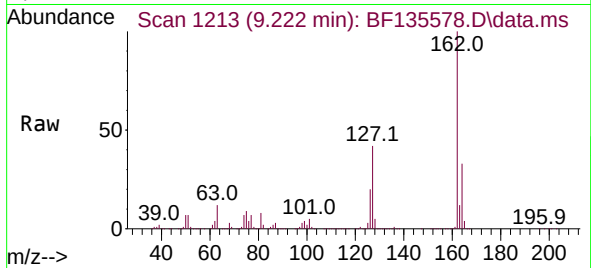




#47
2-Chloronaphthalene
Concen: 46.905 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

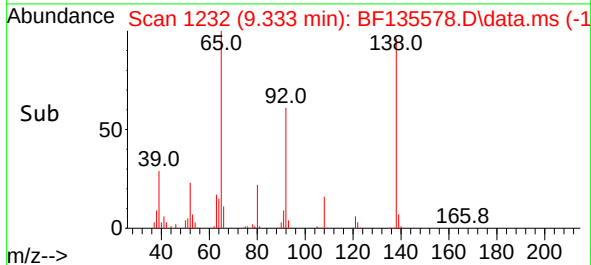
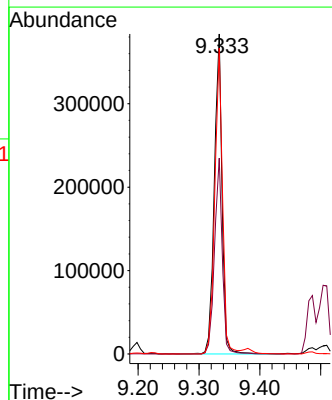
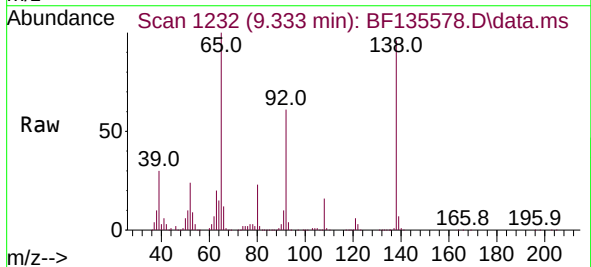
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

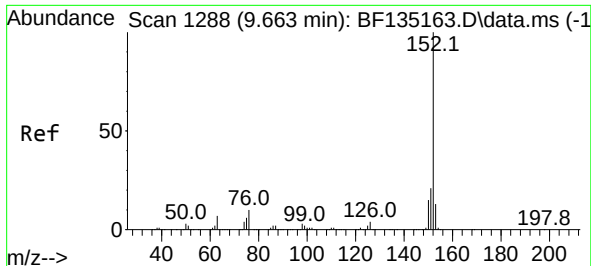
Tgt Ion:162 Resp: 836495
Ion Ratio Lower Upper
162 100
127 42.2 32.6 48.8
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 48.925 ng
RT: 9.333 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion: 65 Resp: 338966
Ion Ratio Lower Upper
65 100
92 61.2 49.4 74.0
138 95.5 77.4 116.0





#49

Acenaphthylene

Concen: 44.851 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

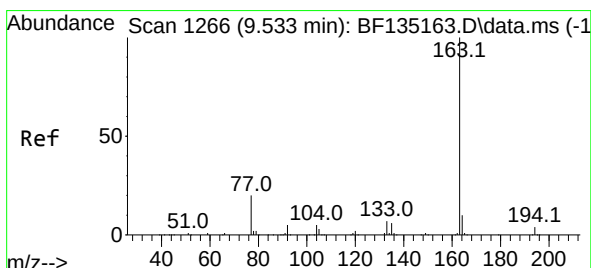
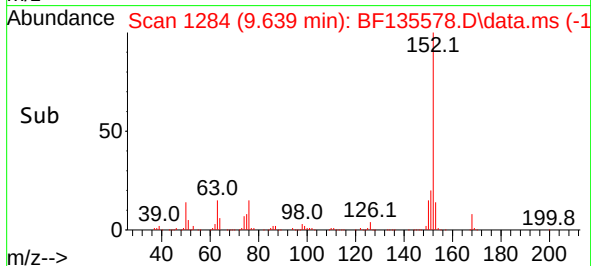
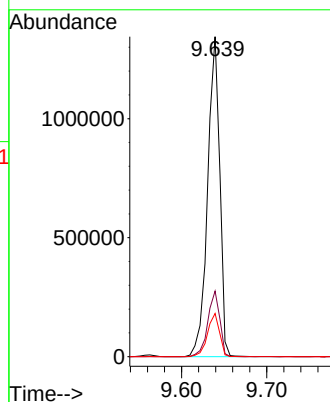
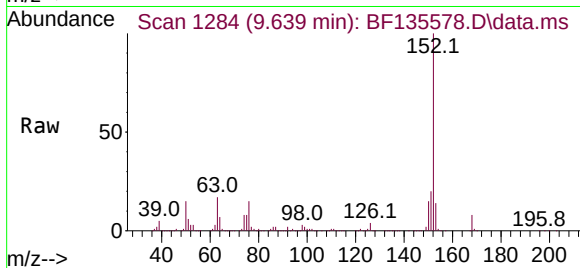
Tgt Ion:152 Resp: 1329302

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

153 13.5 10.4 15.6



#50

Dimethylphthalate

Concen: 46.612 ng

RT: 9.510 min Scan# 1262

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

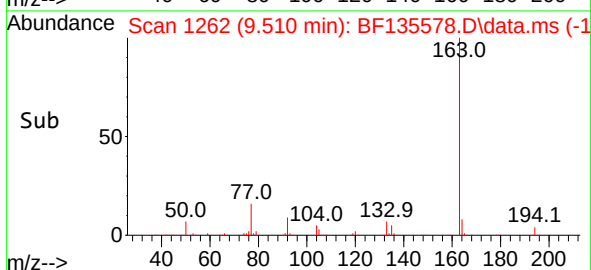
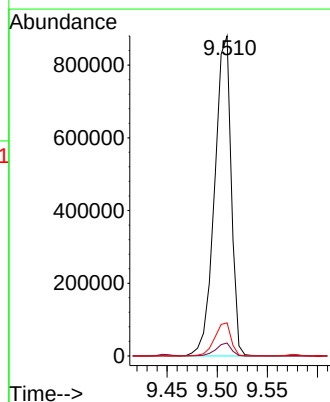
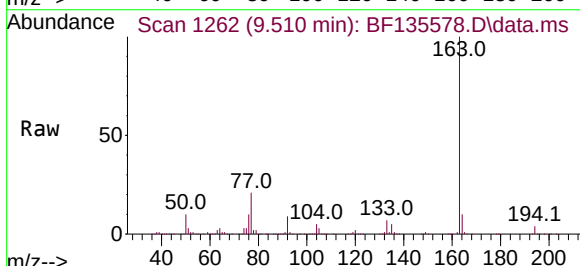
Tgt Ion:163 Resp: 1007964

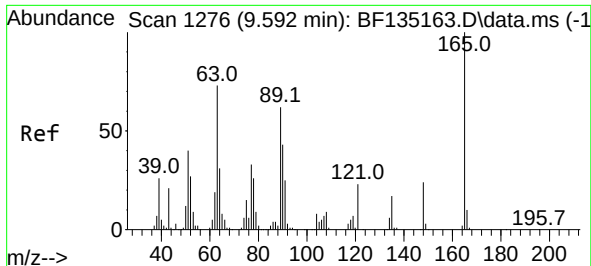
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.1 12.1

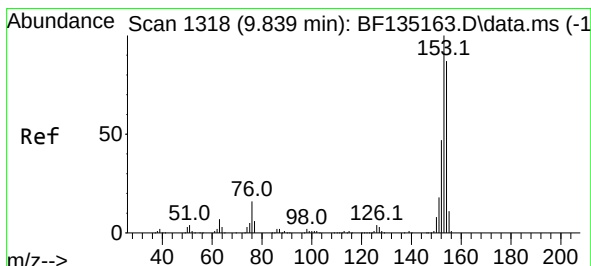
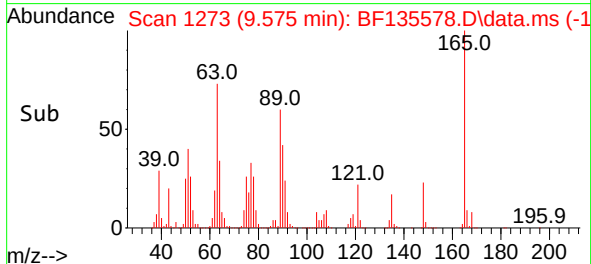
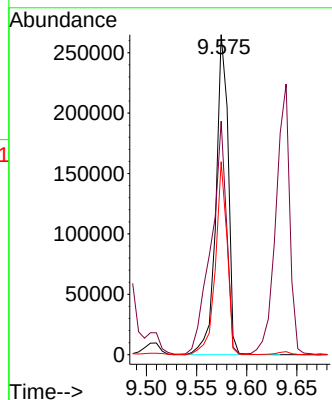
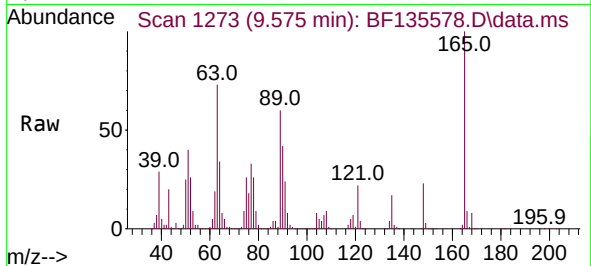




#51
2,6-Dinitrotoluene
Concen: 47.378 ng
RT: 9.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

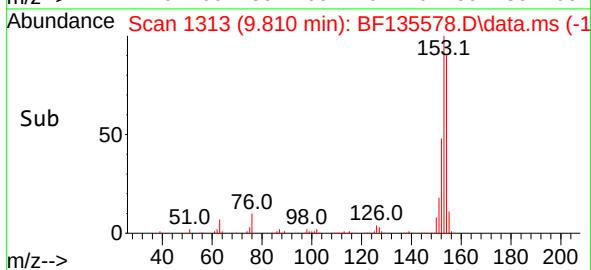
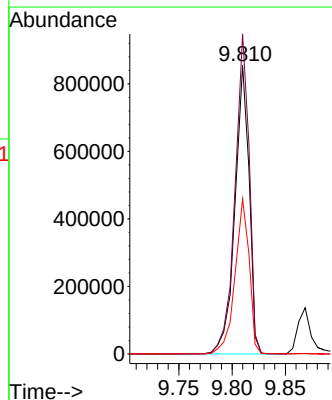
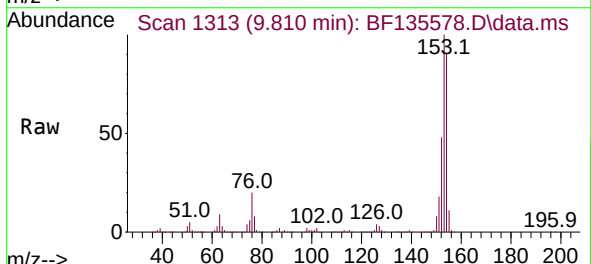
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

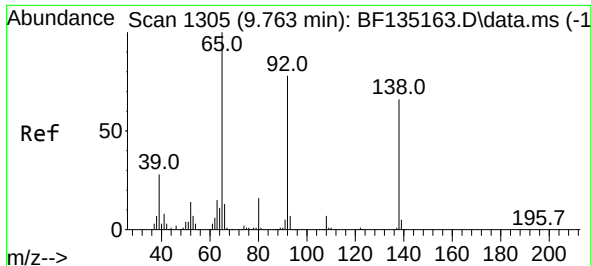
Tgt Ion:165 Resp: 224438
Ion Ratio Lower Upper
165 100
63 73.0 59.4 89.2
89 60.3 49.8 74.8



#52
Acenaphthene
Concen: 45.487 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:154 Resp: 796412
Ion Ratio Lower Upper
154 100
153 110.9 92.1 138.1
152 53.7 43.1 64.7

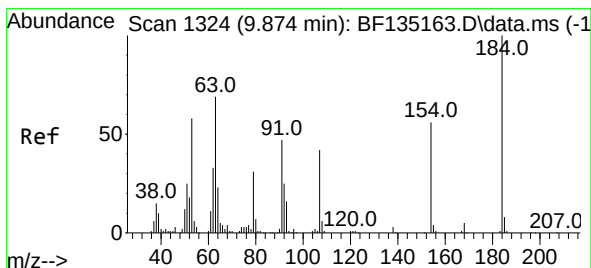
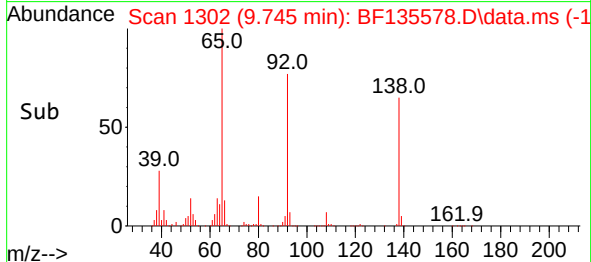
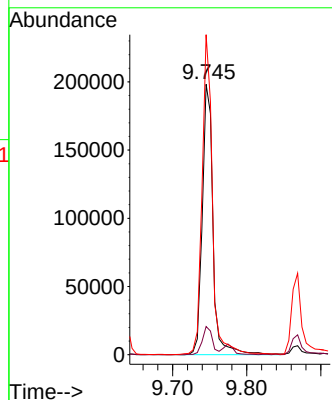
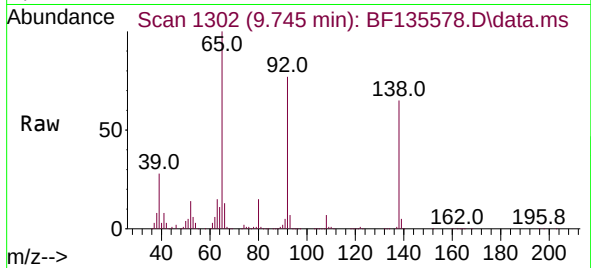




#53
3-Nitroaniline
Concen: 35.765 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

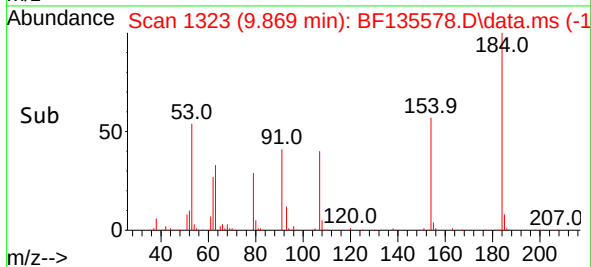
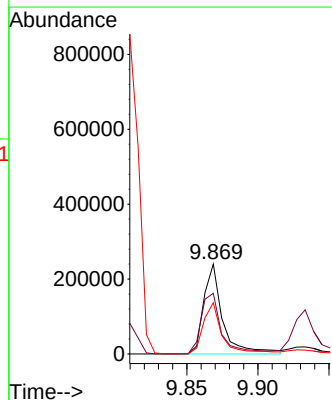
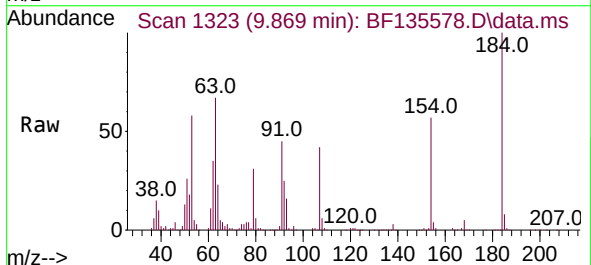
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

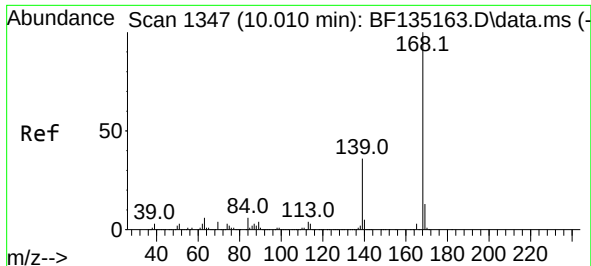
Tgt Ion:138 Resp: 198881
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 118.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 83.011 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:184 Resp: 223928
Ion Ratio Lower Upper
184 100
63 67.4 55.1 82.7
154 57.0 48.4 72.6

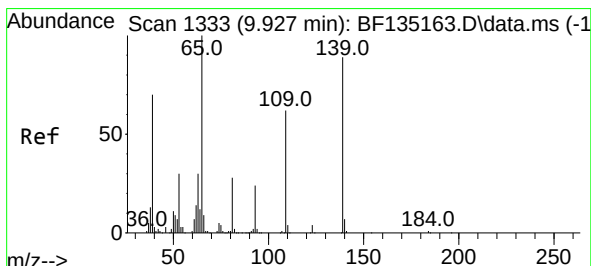
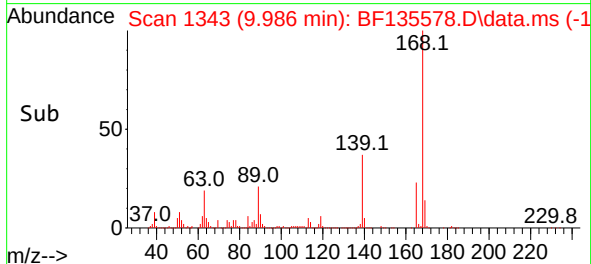
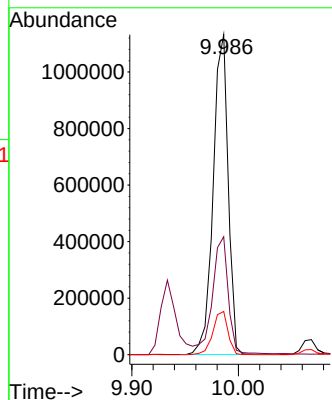
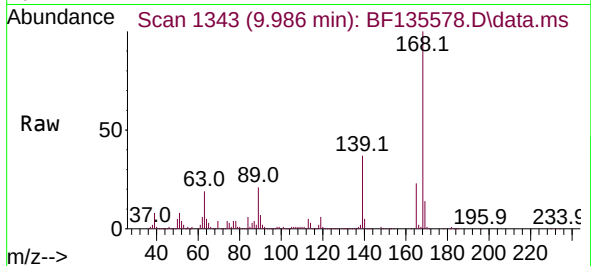




#55
Dibenzenofuran
Concen: 41.485 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

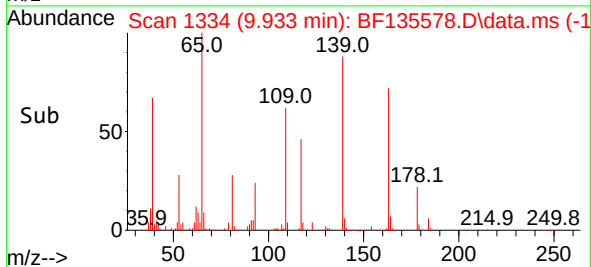
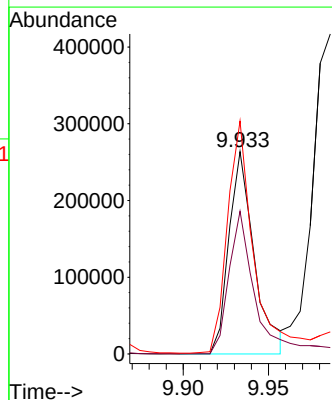
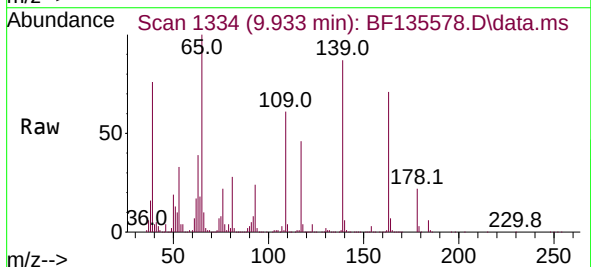
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

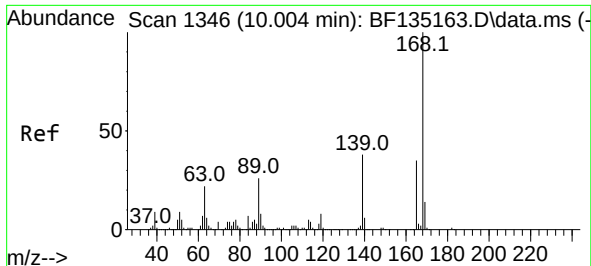
Tgt Ion:168 Resp: 1108406
Ion Ratio Lower Upper
168 100
139 36.8 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 77.022 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:139 Resp: 272204
Ion Ratio Lower Upper
139 100
109 70.5 49.8 89.8
65 115.0 92.7 132.7

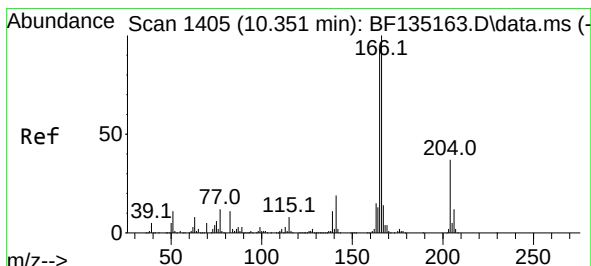
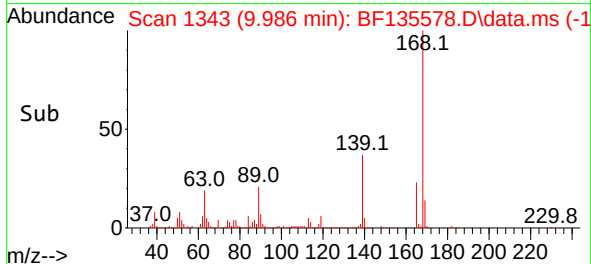
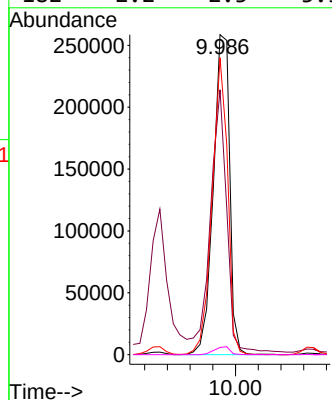
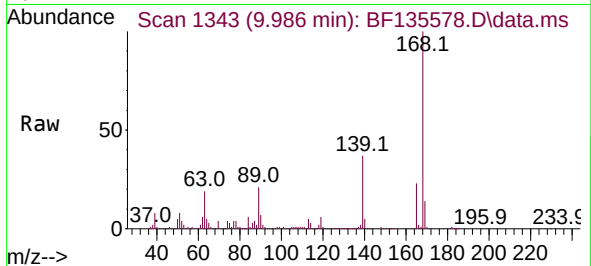




#57
2,4-Dinitrotoluene
Concen: 43.695 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

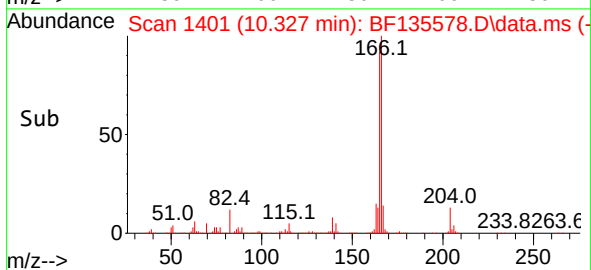
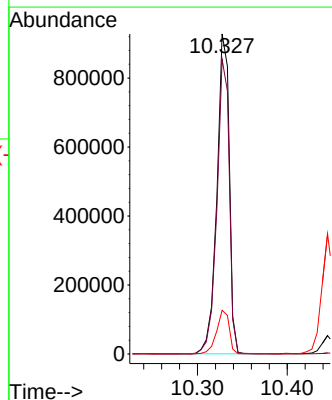
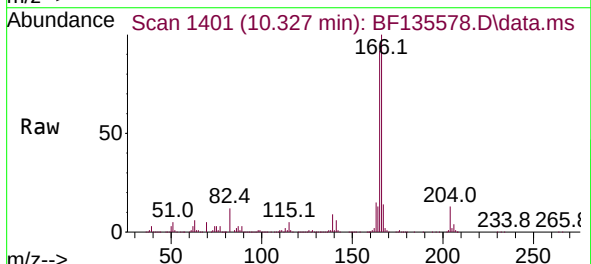
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

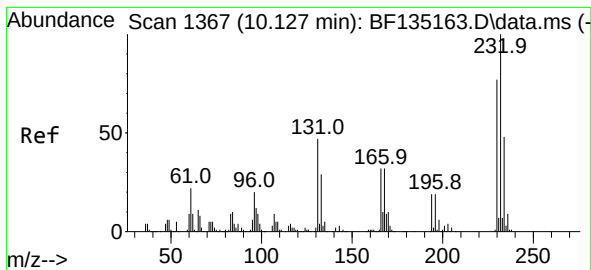
Tgt Ion:165 Resp: 259139
Ion Ratio Lower Upper
165 100
63 82.8 50.1 75.1#
89 92.8 59.3 88.9#
182 2.2 2.3 3.5#



#58
Fluorene
Concen: 43.293 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:166 Resp: 889234
Ion Ratio Lower Upper
166 100
165 92.0 74.3 111.5
167 13.7 10.9 16.3

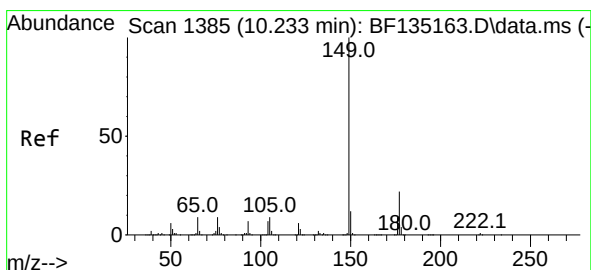
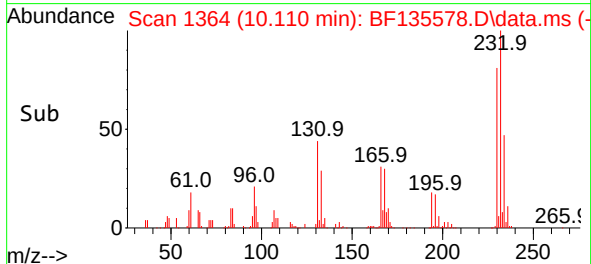
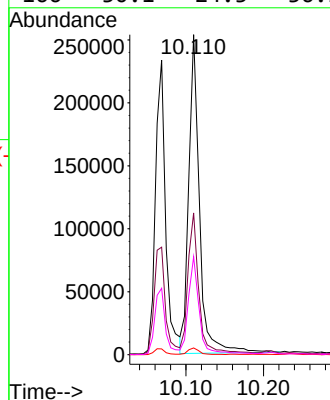
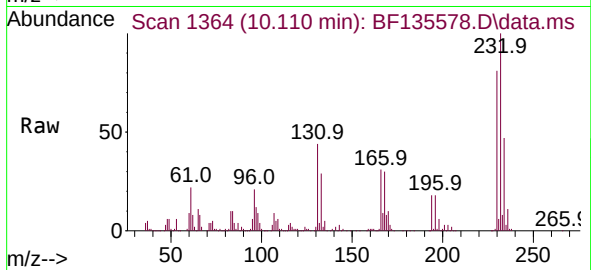




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.183 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

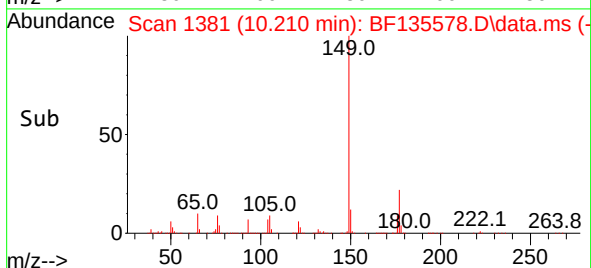
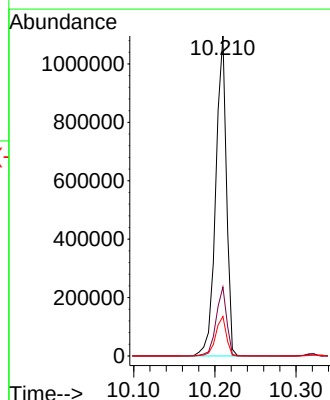
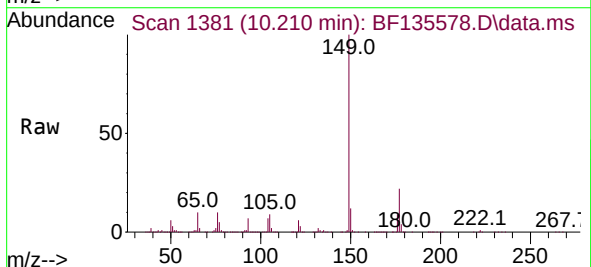
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

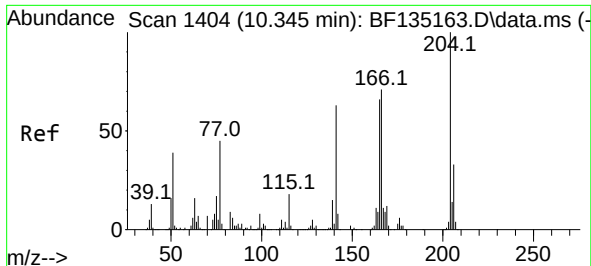
Tgt Ion:232 Resp: 242836
Ion Ratio Lower Upper
232 100
131 43.9 35.4 53.2
130 2.4 1.8 2.8
166 30.1 24.3 36.5



#60
Diethylphthalate
Concen: 46.065 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:149 Resp: 999709
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.4 10.0 15.0

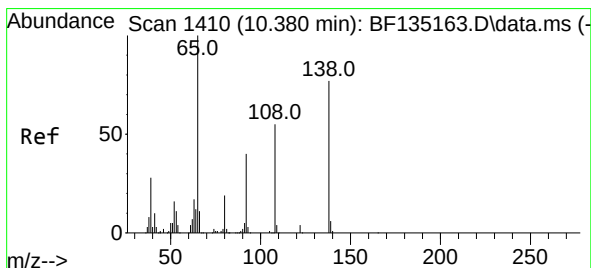
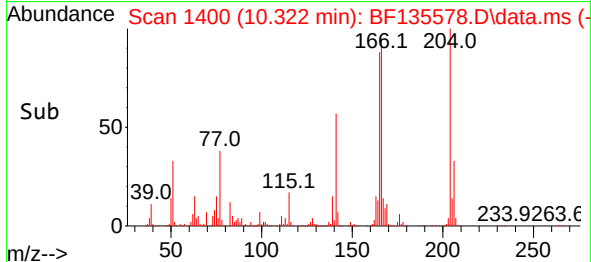
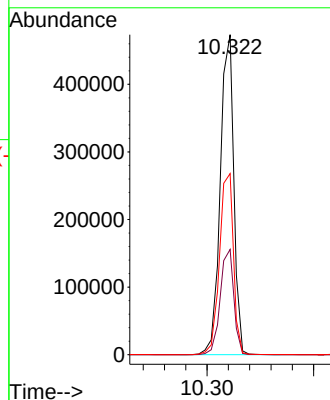
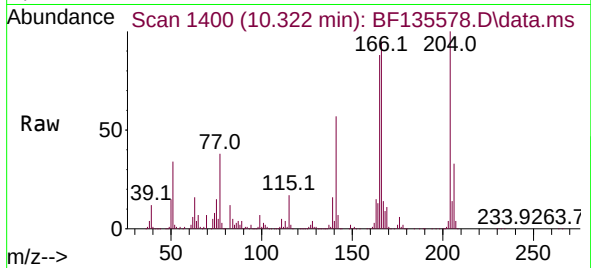




#61
4-Chlorophenyl-phenylether
Concen: 42.070 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

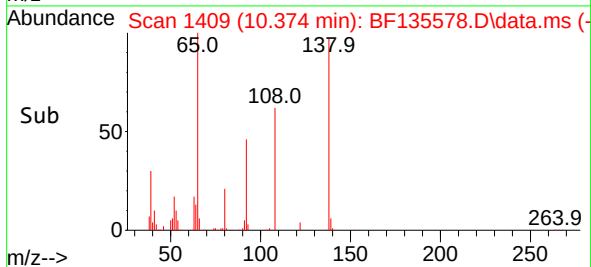
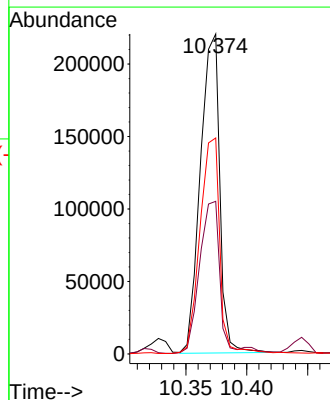
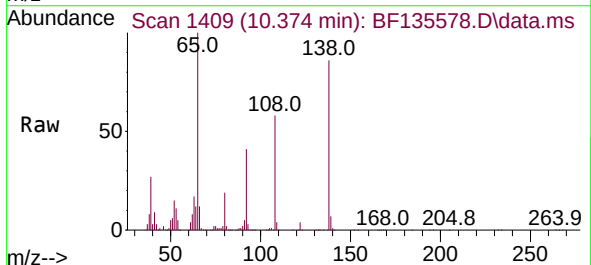
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

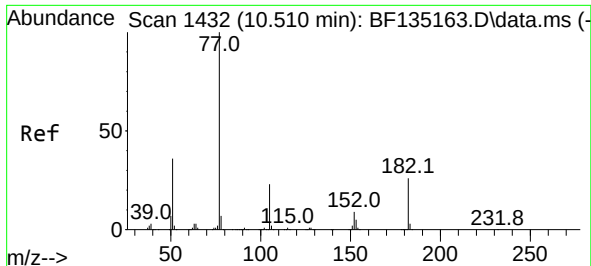
Tgt Ion:204 Resp: 415092
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 56.6 50.6 75.8



#62
4-Nitroaniline
Concen: 45.575 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:138 Resp: 243605
Ion Ratio Lower Upper
138 100
92 47.7 31.8 71.8
108 67.5 52.0 92.0



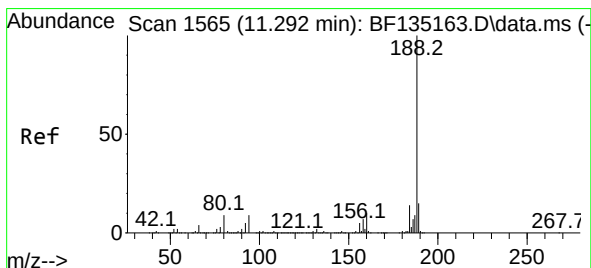
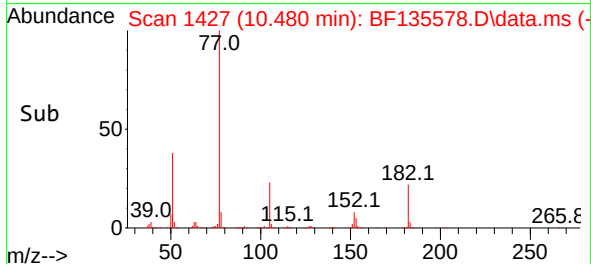
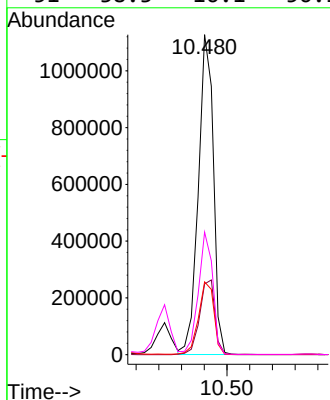
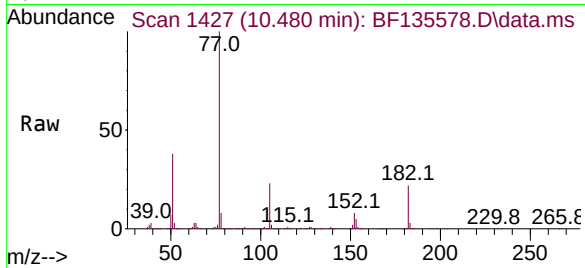


#63
Azobenzene
Concen: 48.727 ng
RT: 10.480 min Scan# 1432
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

Tgt Ion: 77 Resp: 1034959

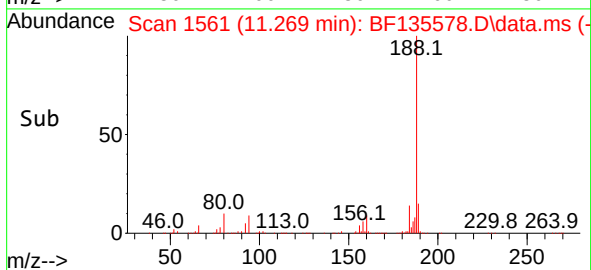
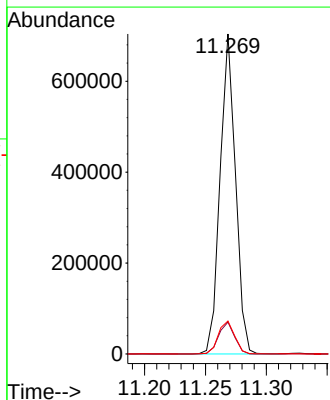
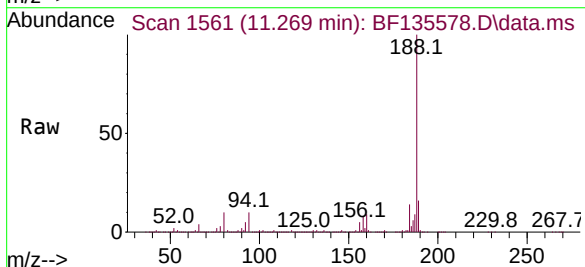
Ion	Ratio	Lower	Upper
77	100		
182	22.1	6.4	46.4
105	22.7	3.1	43.1
51	38.3	16.1	56.1

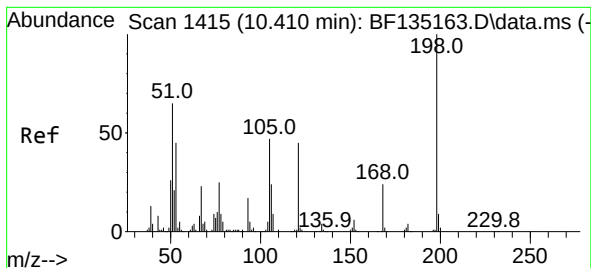


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion: 188 Resp: 622099

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	10.3	7.5	11.3

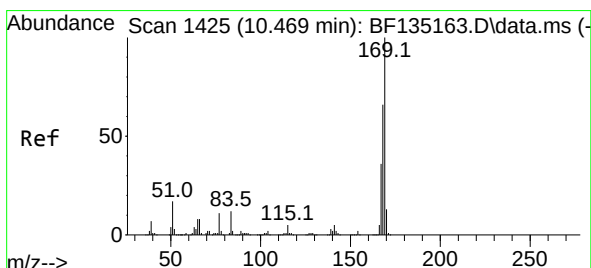
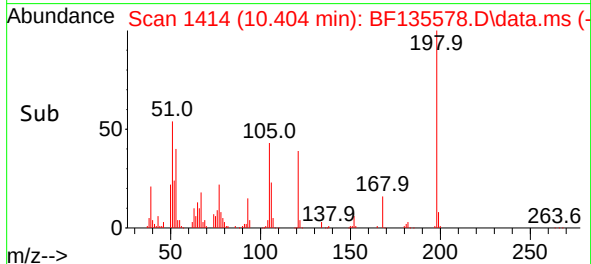
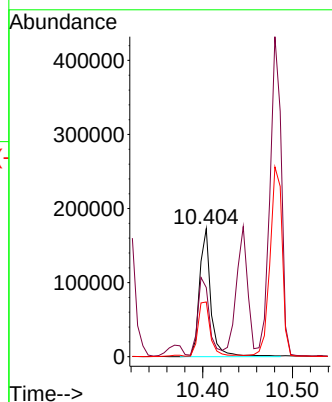
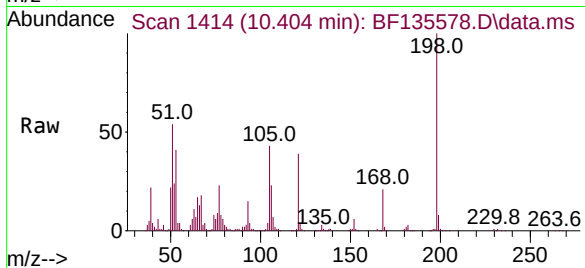




#65
4,6-Dinitro-2-methylphenol
Concen: 45.970 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

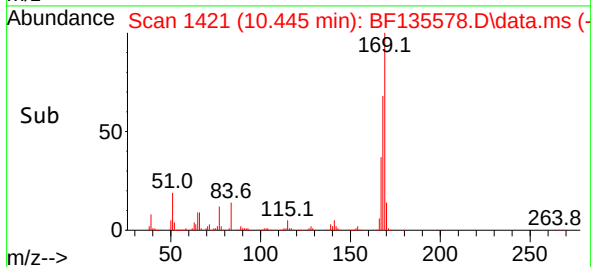
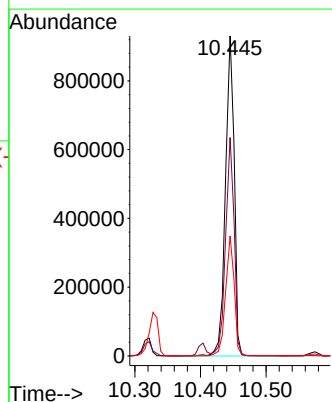
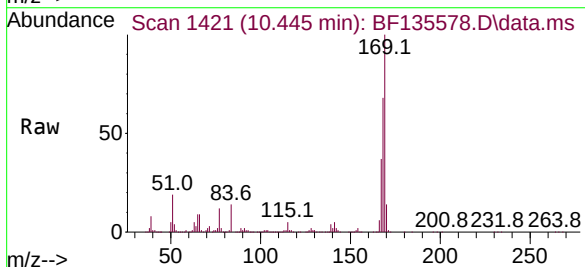
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

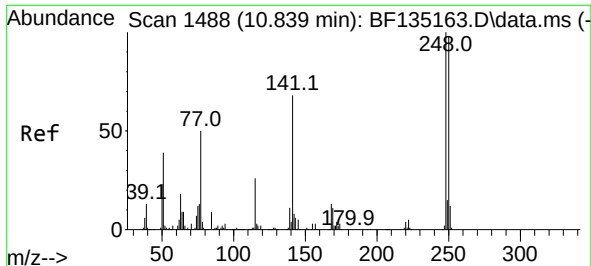
Tgt Ion:198 Resp: 151894
Ion Ratio Lower Upper
198 100
51 54.0 47.7 87.7
105 42.7 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 45.594 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:169 Resp: 858701
Ion Ratio Lower Upper
169 100
168 68.3 52.8 79.2
167 37.5 29.0 43.6

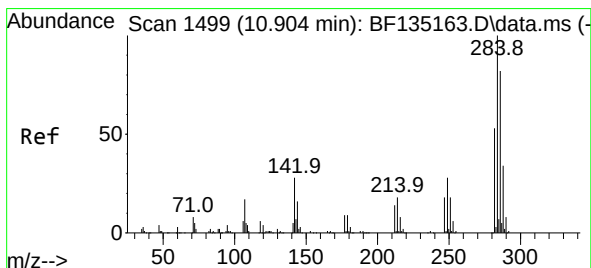
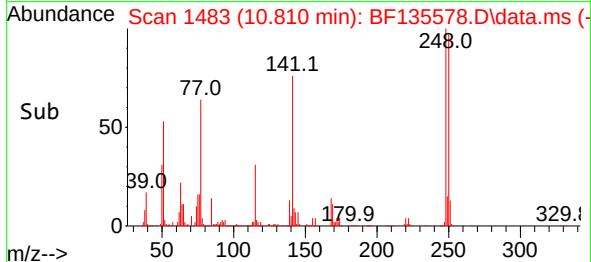
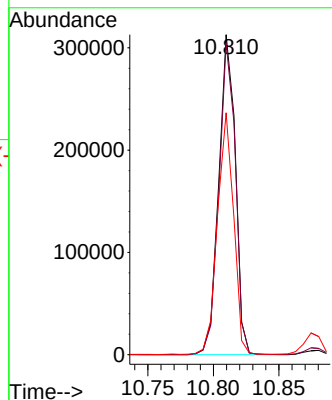
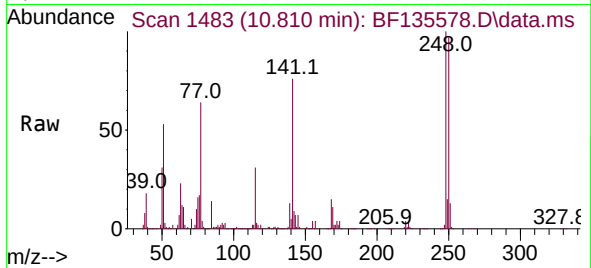




#67
4-Bromophenyl-phenylether
Concen: 44.481 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

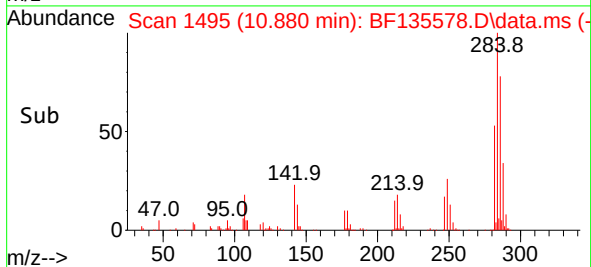
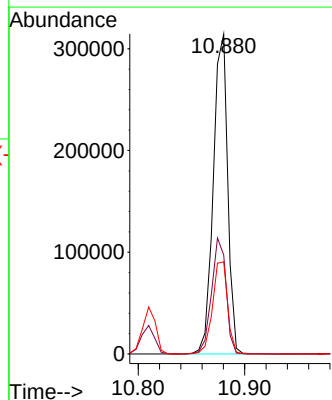
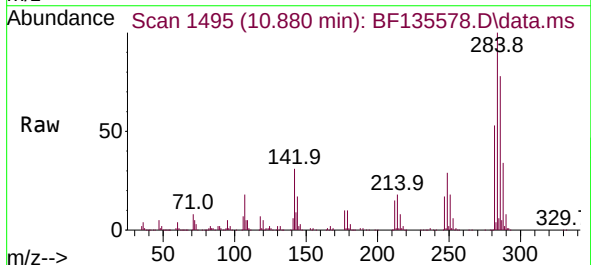
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

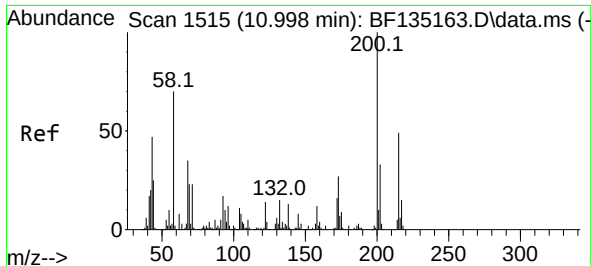
Tgt Ion:248 Resp: 275212
Ion Ratio Lower Upper
248 100
250 97.4 78.6 117.8
141 75.6 54.2 81.2



#68
Hexachlorobenzene
Concen: 46.724 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:284 Resp: 294516
Ion Ratio Lower Upper
284 100
142 30.9 22.2 33.4
249 28.8 22.5 33.7

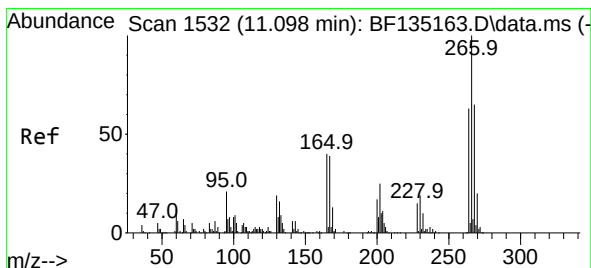
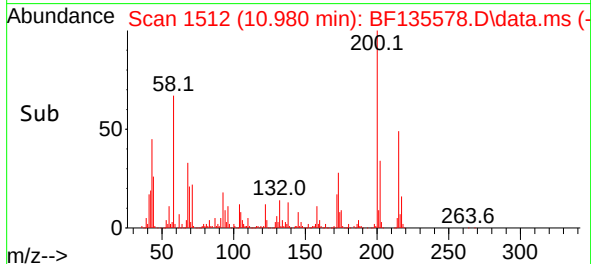
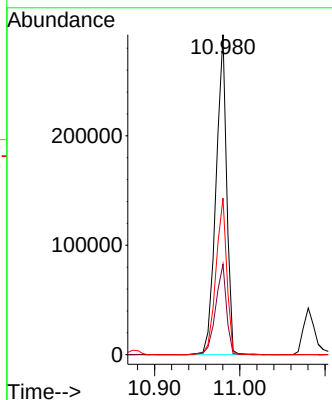
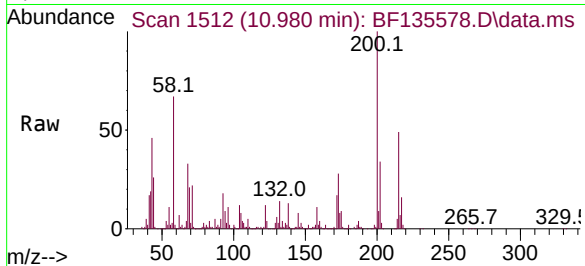




#69
Atrazine
Concen: 50.521 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

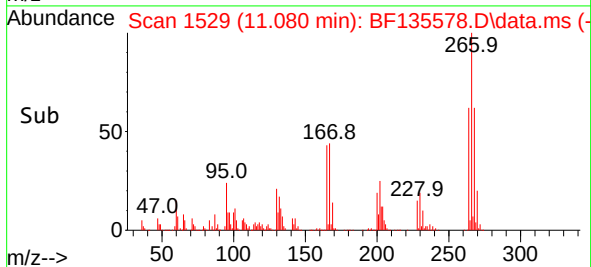
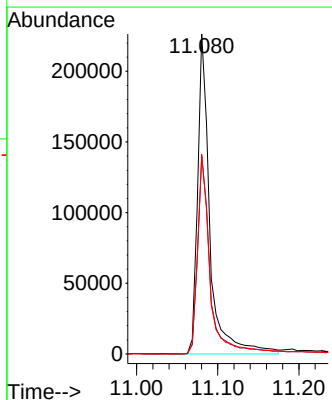
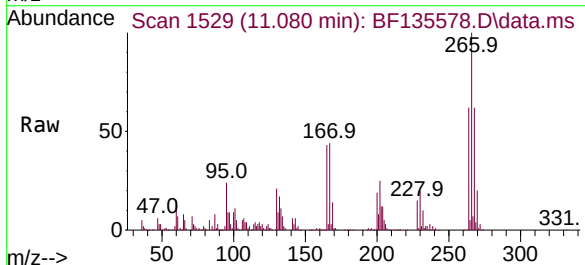
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

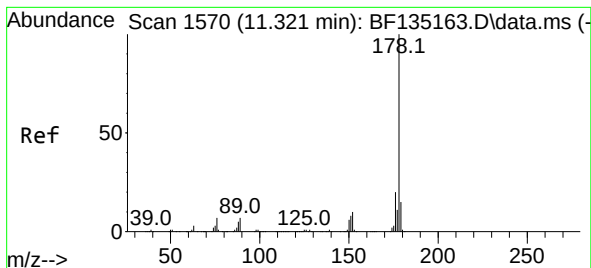
Tgt Ion:200 Resp: 256022
Ion Ratio Lower Upper
200 100
173 28.3 7.4 47.4
215 48.9 28.6 68.6



#70
Pentachlorophenol
Concen: 63.290 ng
RT: 11.080 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:266 Resp: 238687
Ion Ratio Lower Upper
266 100
268 61.9 52.1 78.1
264 62.4 50.8 76.2





#71

Phenanthrene

Concen: 45.180 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

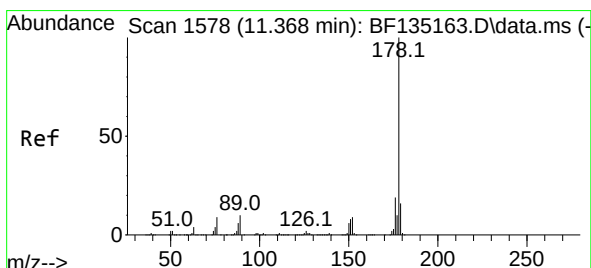
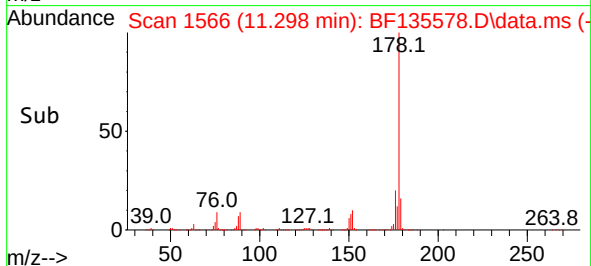
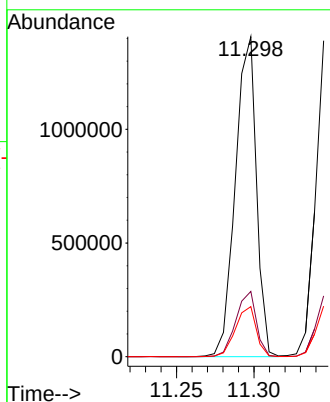
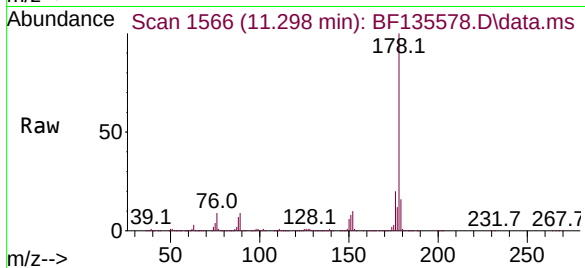
Tgt Ion:178 Resp: 1329318

Ion Ratio Lower Upper

178 100

176 20.4 15.6 23.4

179 15.7 12.0 18.0



#72

Anthracene

Concen: 45.089 ng

RT: 11.345 min Scan# 1574

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

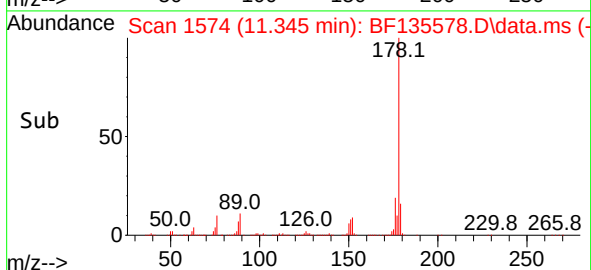
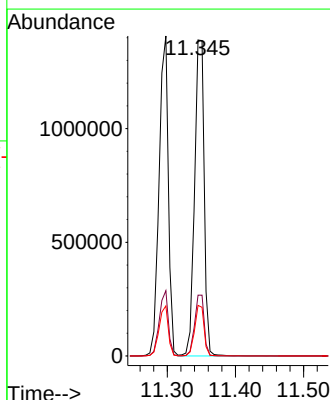
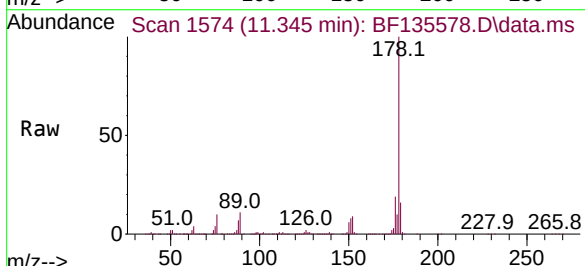
Tgt Ion:178 Resp: 1363641

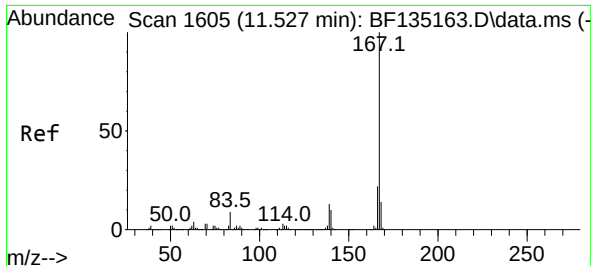
Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 16.0 12.6 19.0

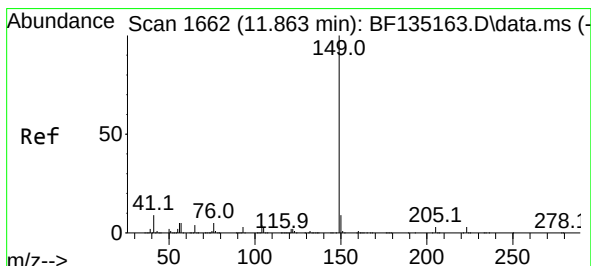
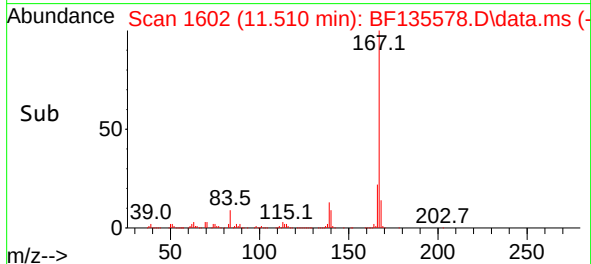
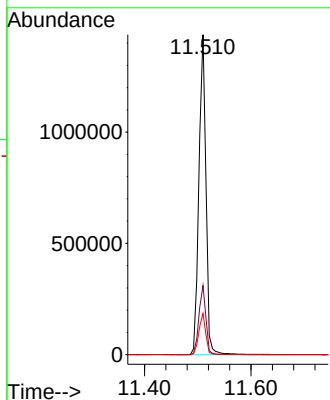
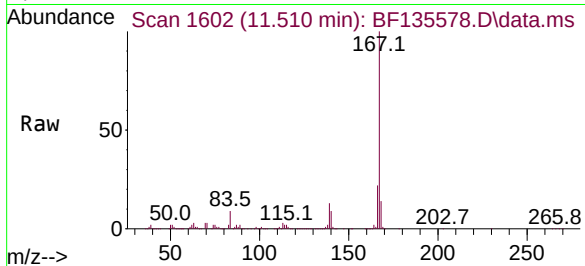




#73
Carbazole
Concen: 47.854 ng
RT: 11.510 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

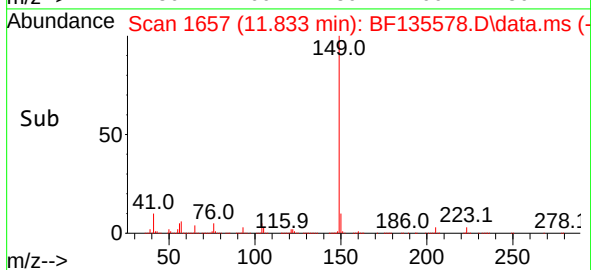
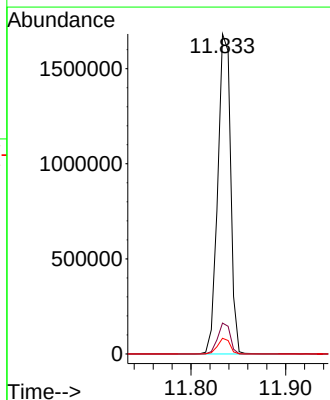
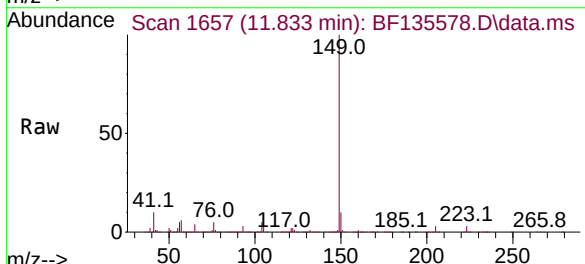
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

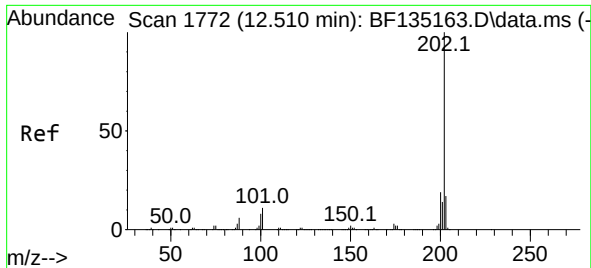
Tgt Ion:167 Resp: 1317465
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 12.9 10.6 15.8



#74
Di-n-butylphthalate
Concen: 48.863 ng
RT: 11.833 min Scan# 1657
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:149 Resp: 1585167
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.0
104 4.9 3.6 5.4

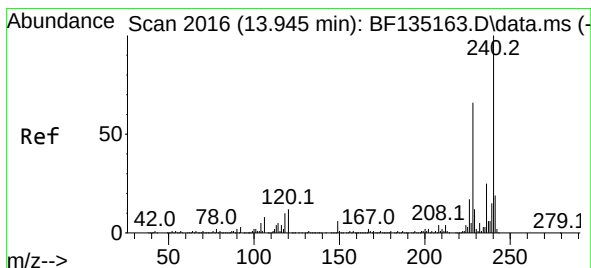
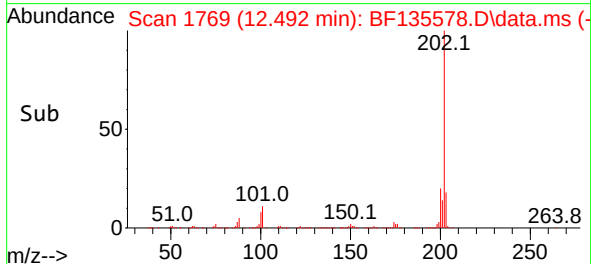
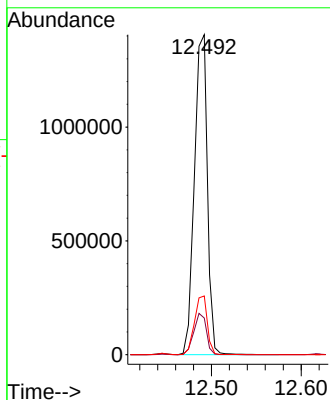
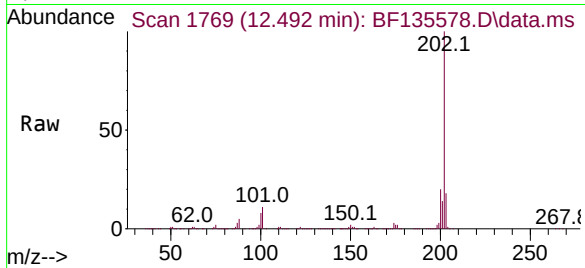




#75
Fluoranthene
Concen: 46.069 ng
RT: 12.492 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

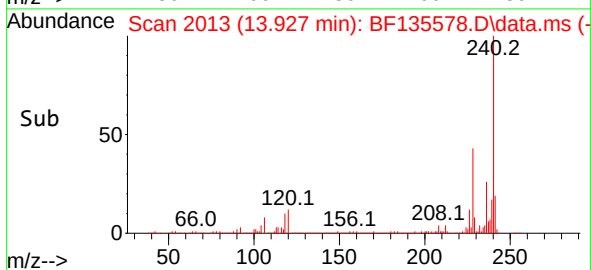
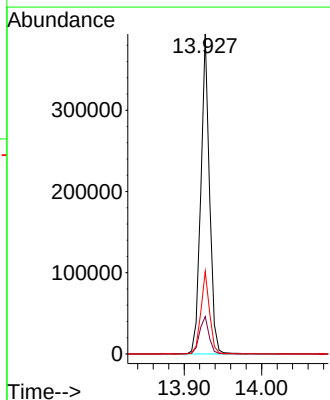
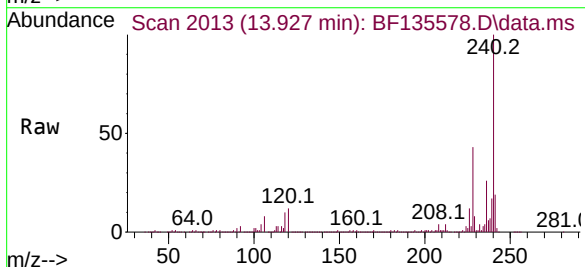
Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

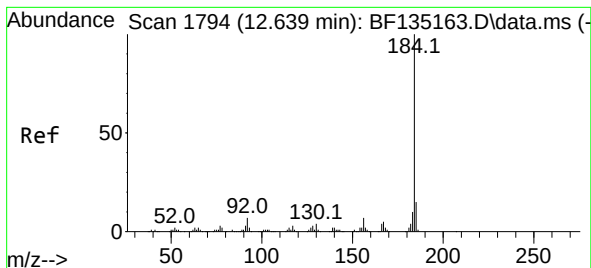
Tgt Ion:202 Resp: 1412384
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.3
203 18.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:240 Resp: 306504
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.8 19.8 29.8





#77

Benzidine

Concen: 81.023 ng

RT: 12.616 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

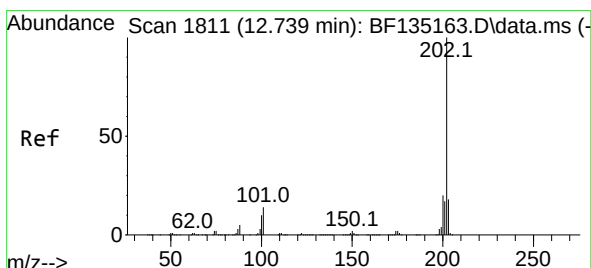
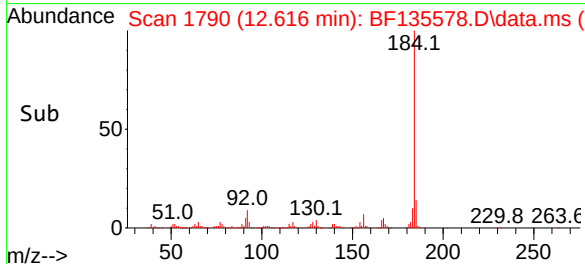
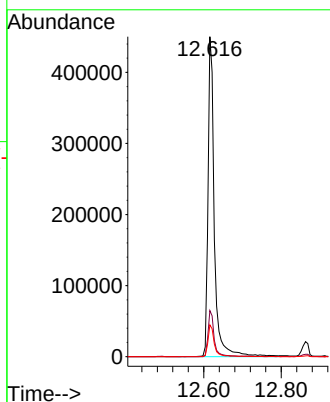
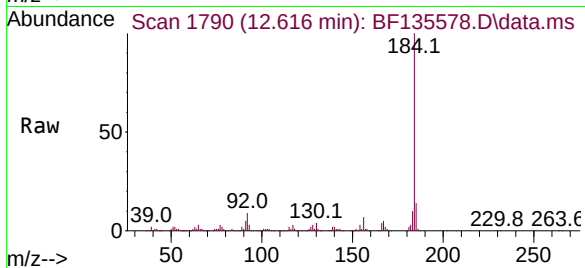
Tgt Ion:184 Resp: 508765

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 10.0 8.2 12.4



#78

Pyrene

Concen: 49.583 ng

RT: 12.721 min Scan# 1808

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

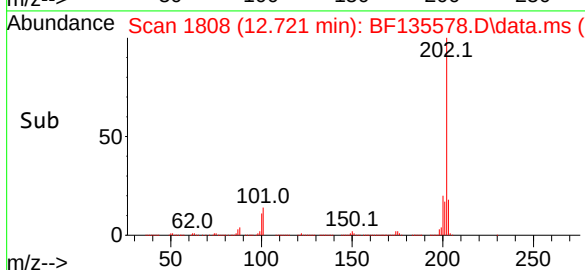
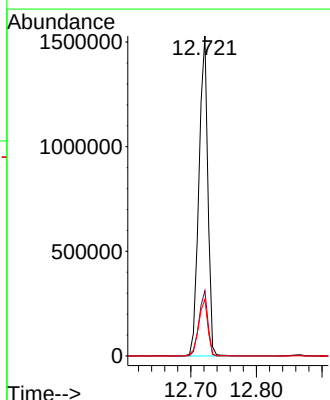
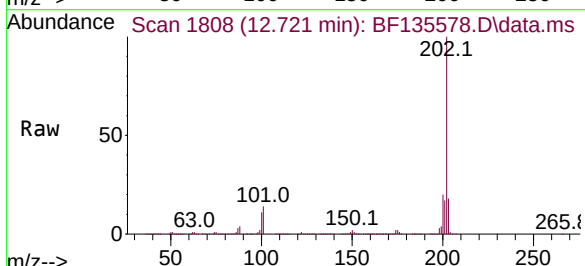
Tgt Ion:202 Resp: 1446913

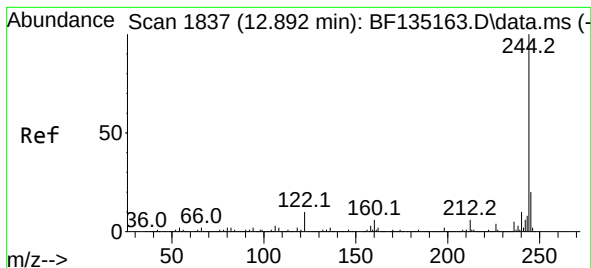
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 89.251 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

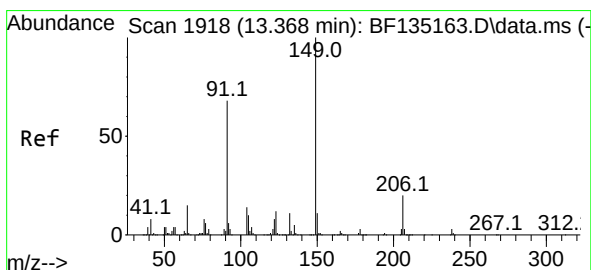
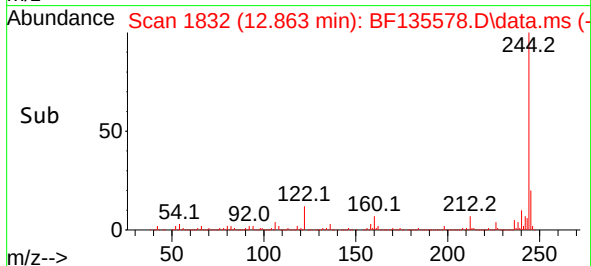
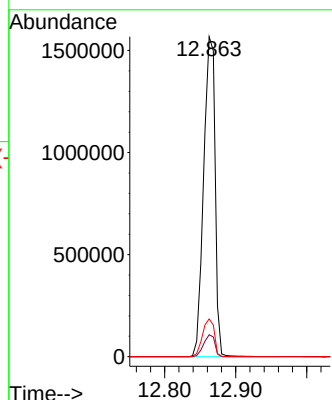
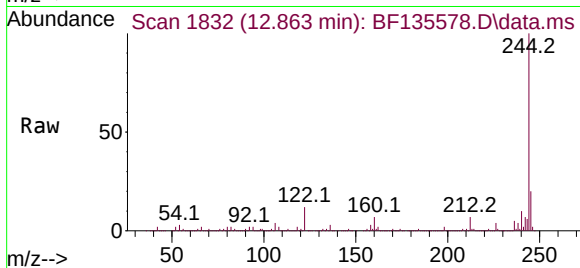
Tgt Ion:244 Resp: 1764665

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

122 11.8 7.9 11.9



#80

Butylbenzylphthalate

Concen: 58.643 ng

RT: 13.339 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

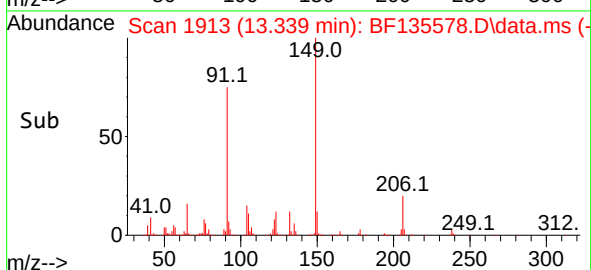
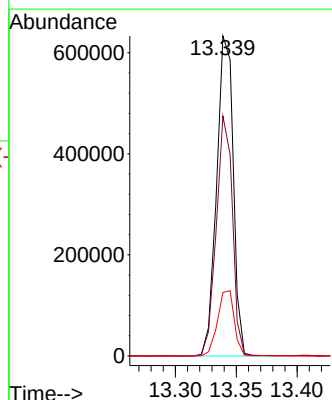
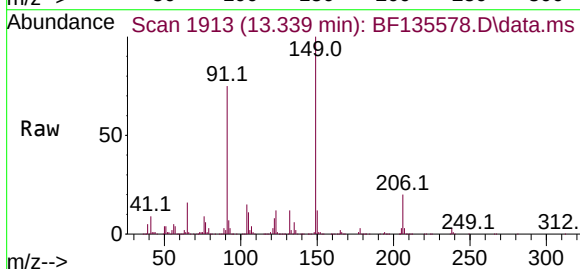
Tgt Ion:149 Resp: 602513

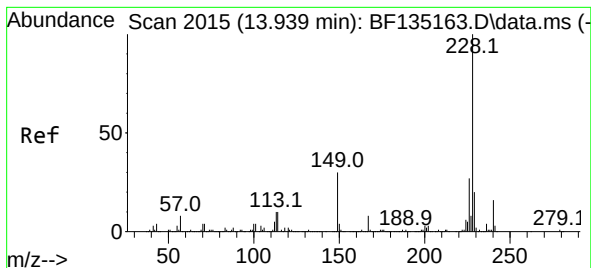
Ion Ratio Lower Upper

149 100

91 75.0 54.7 82.1

206 19.9 16.3 24.5





#81

Benzo(a)anthracene

Concen: 48.887 ng

RT: 13.915 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

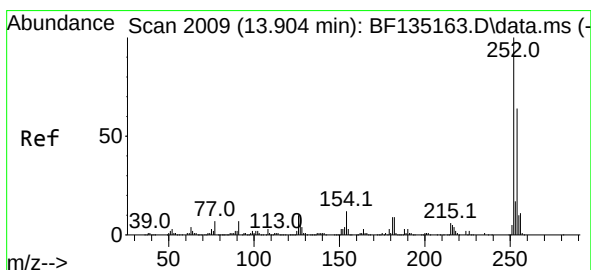
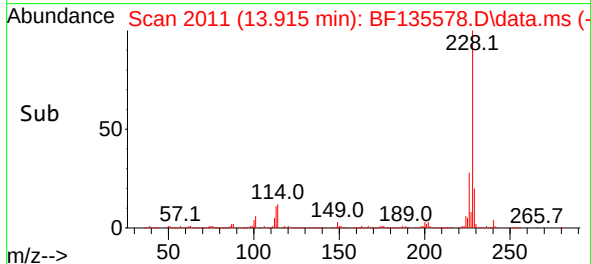
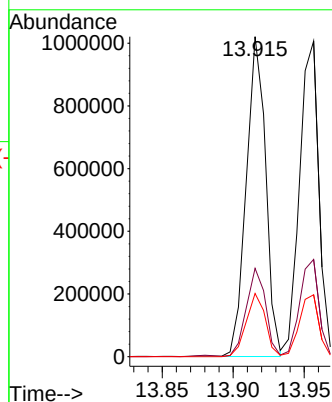
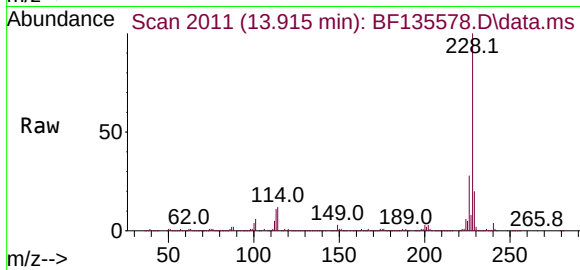
Tgt Ion:228 Resp: 967562

Ion Ratio Lower Upper

228 100

226 27.6 21.7 32.5

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 40.404 ng

RT: 13.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

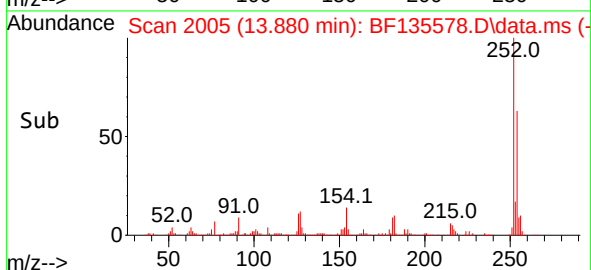
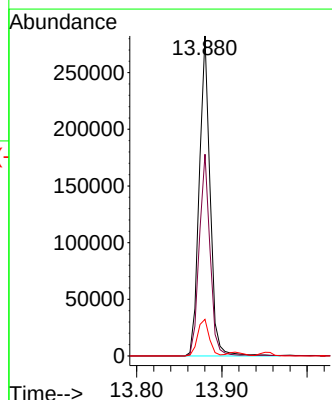
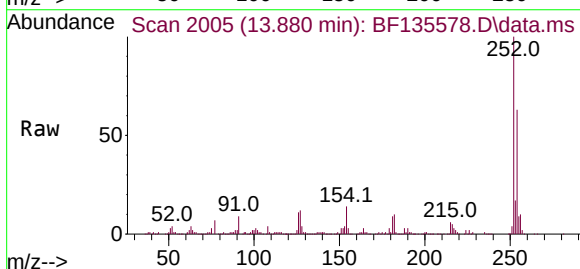
Tgt Ion:252 Resp: 249782

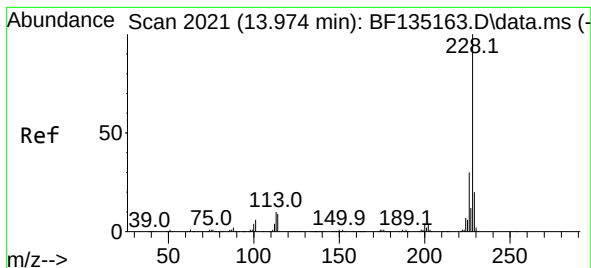
Ion Ratio Lower Upper

252 100

254 63.0 51.0 76.4

126 11.4 7.8 11.8





#83

Chrysene

Concen: 48.599 ng

RT: 13.957 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

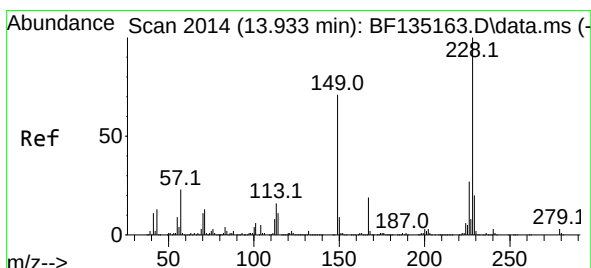
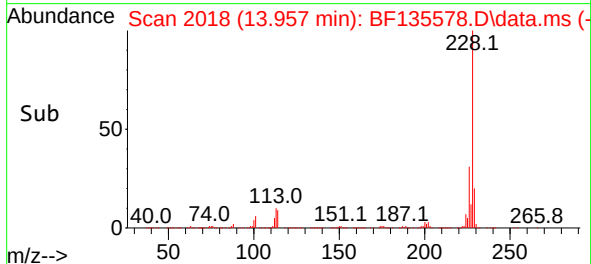
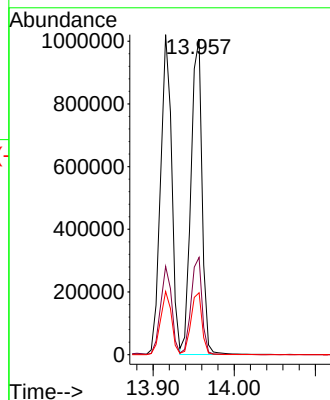
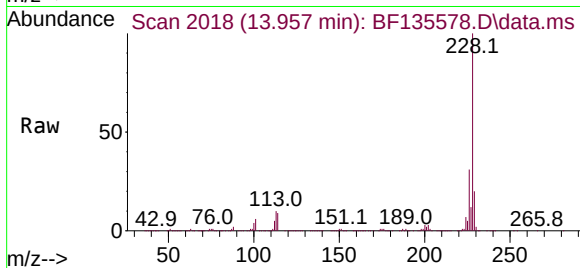
Tgt Ion:228 Resp: 956305

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.180 ng

RT: 13.904 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

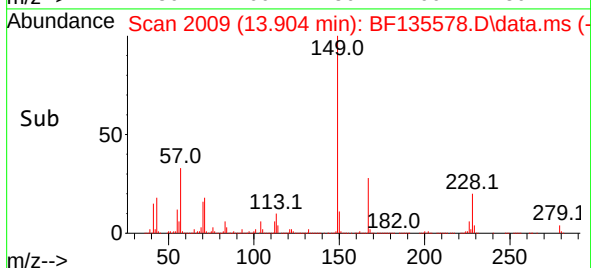
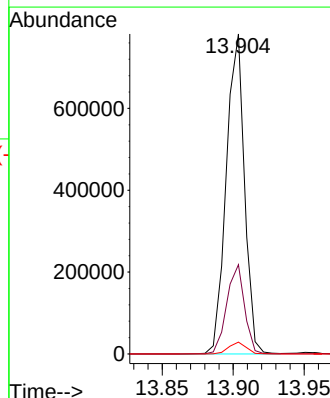
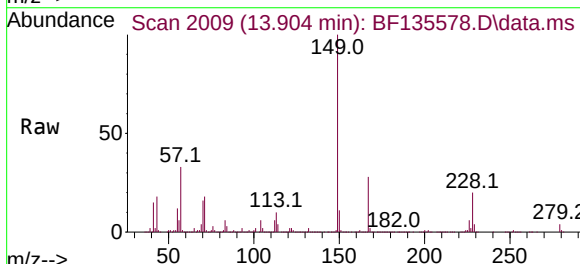
Tgt Ion:149 Resp: 697757

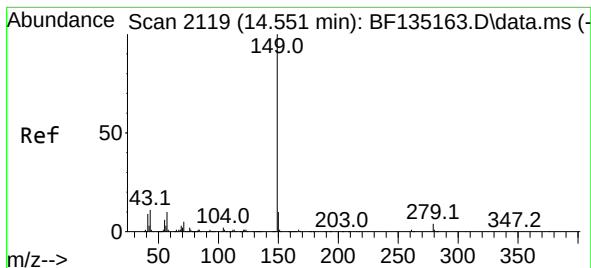
Ion Ratio Lower Upper

149 100

167 27.9 21.9 32.9

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 62.259 ng

RT: 14.515 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

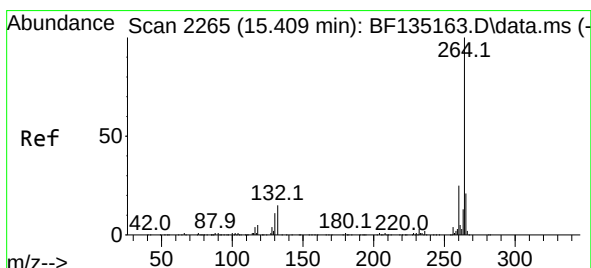
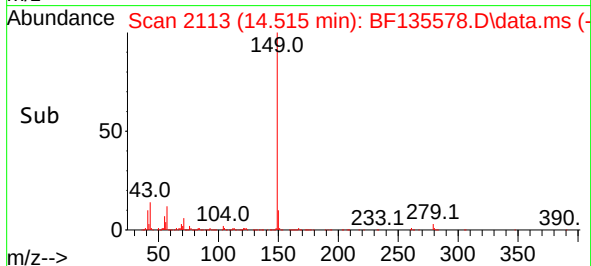
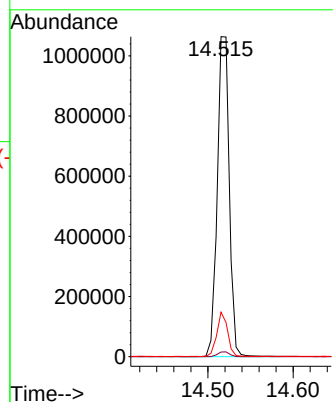
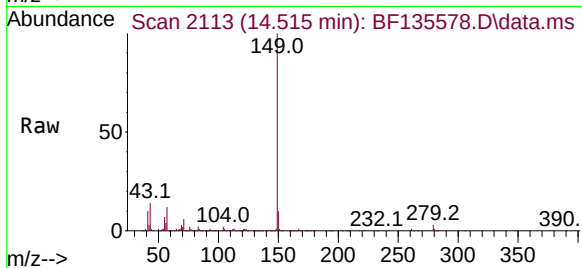
Tgt Ion:149 Resp: 1043164

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.3 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

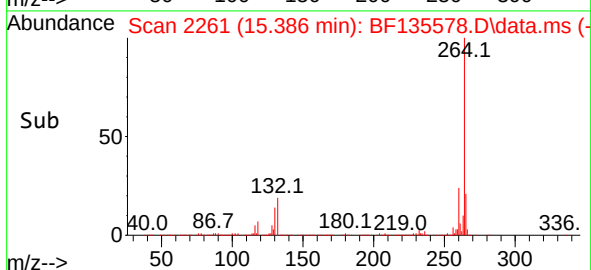
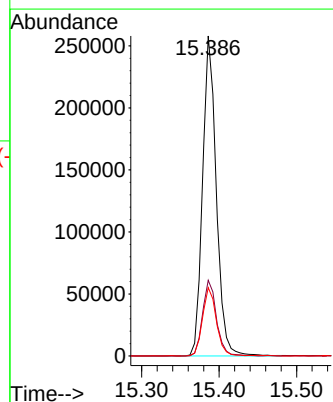
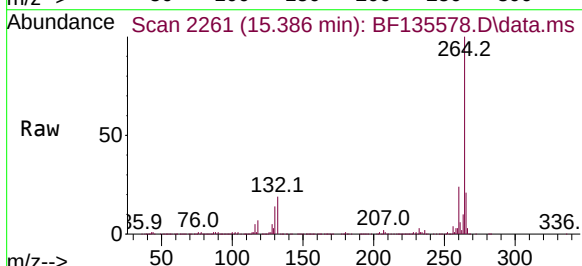
Tgt Ion:264 Resp: 317463

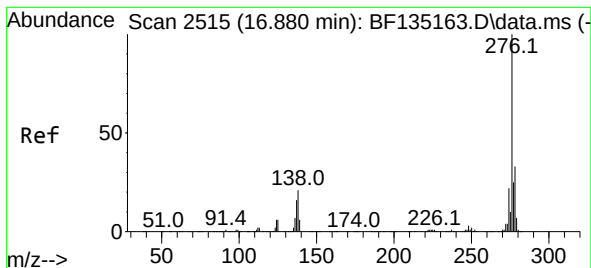
Ion Ratio Lower Upper

264 100

260 23.6 19.8 29.6

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.630 ng

RT: 16.874 min Scan# 2189

Delta R.T. 0.006 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

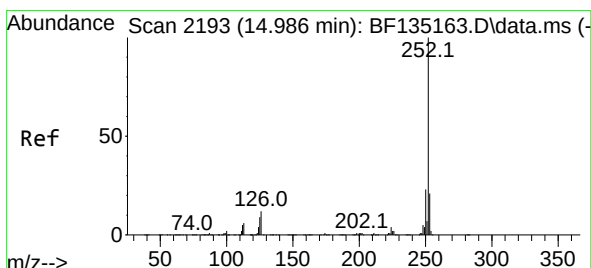
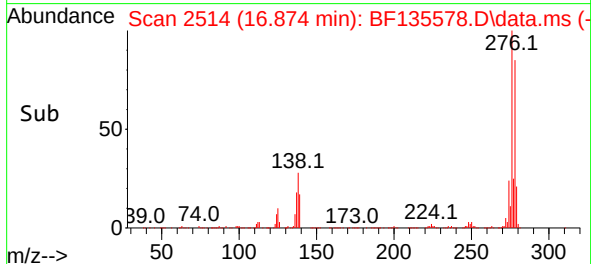
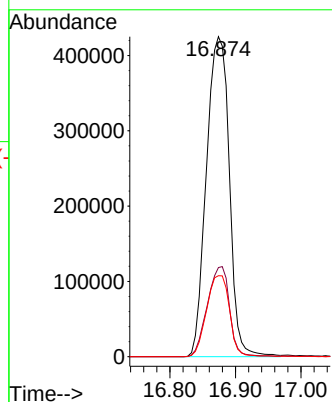
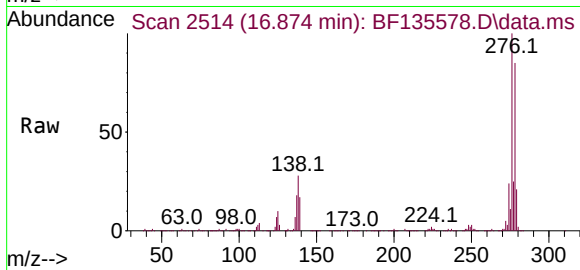
Tgt Ion:276 Resp: 1033050

Ion Ratio Lower Upper

276 100

138 27.3 19.2 28.8

277 25.4 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 49.233 ng

RT: 14.962 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

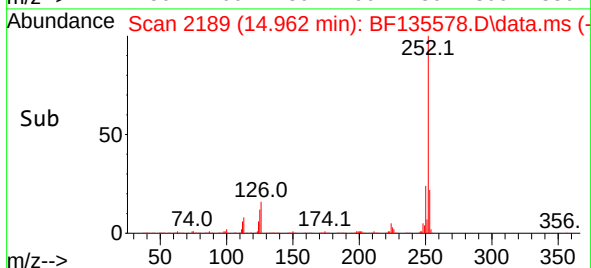
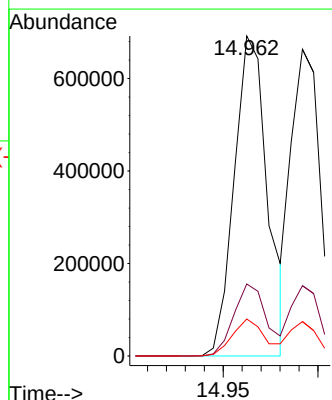
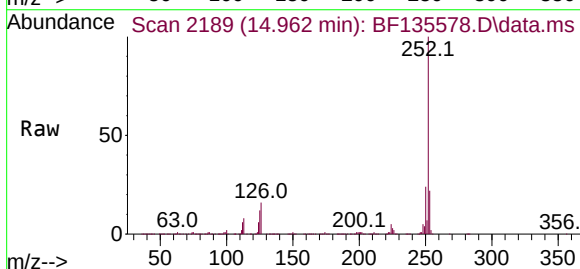
Tgt Ion:252 Resp: 846083

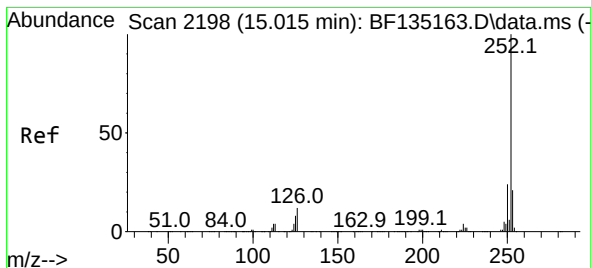
Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

125 11.6 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 42.578 ng

RT: 14.992 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

Instrument :

BNA_F

ClientSampleId :

SP1-COMPMS

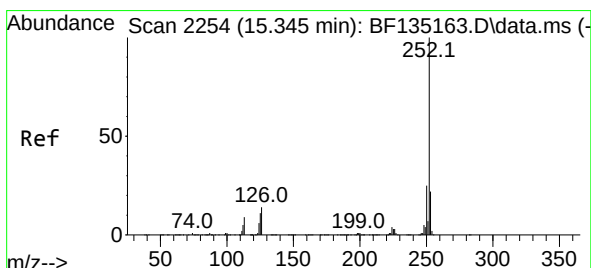
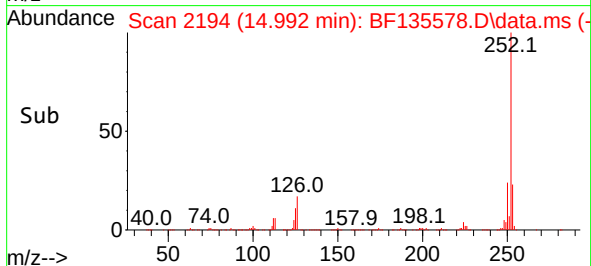
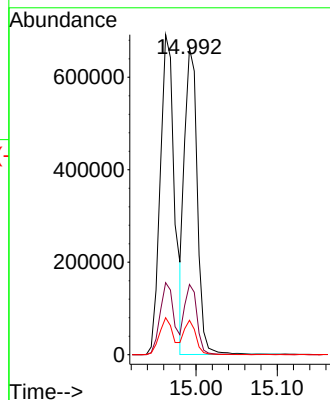
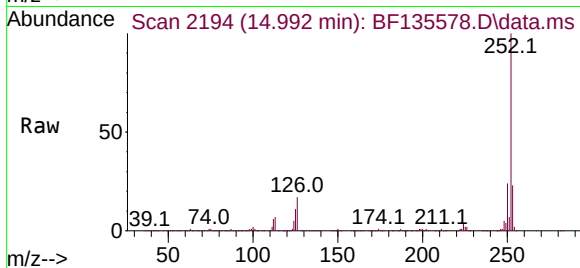
Tgt Ion:252 Resp: 722803

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 11.2 7.2 10.8#



#90

Benzo(a)pyrene

Concen: 45.629 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.000 min

Lab File: BF135578.D

Acq: 04 Oct 2023 19:35

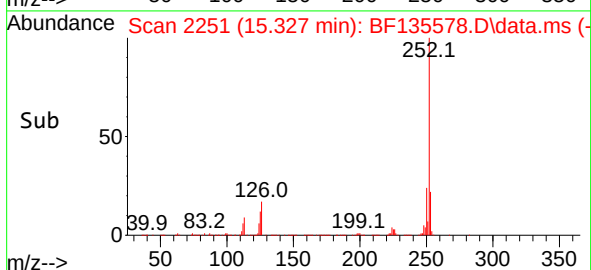
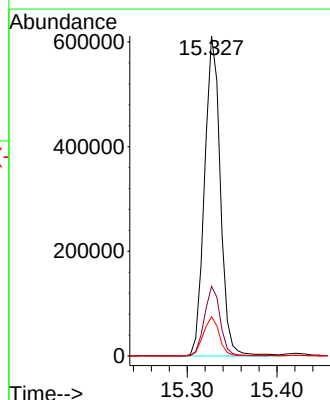
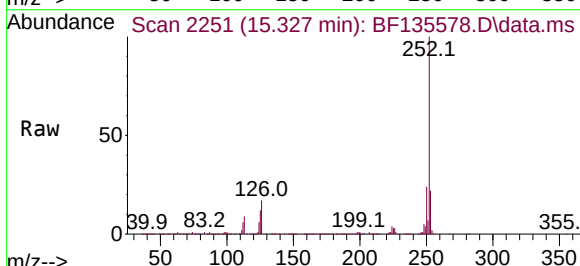
Tgt Ion:252 Resp: 747788

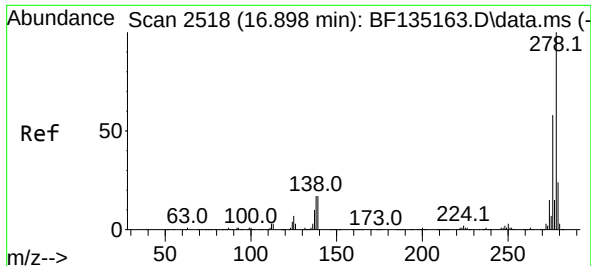
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.2 9.2 13.8

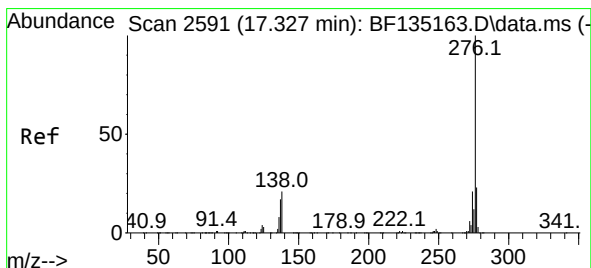
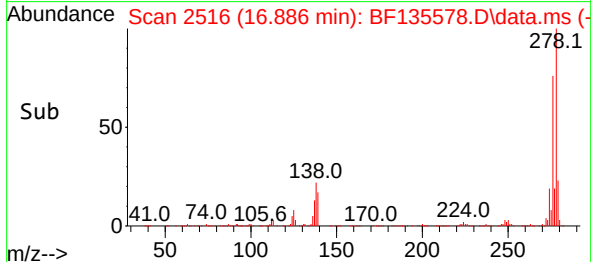
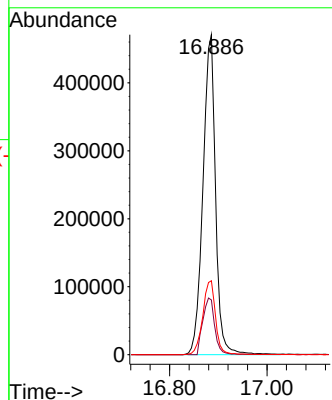
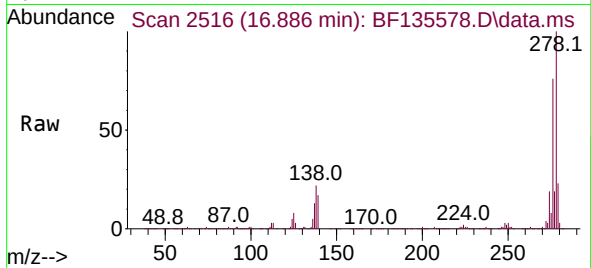




#91
Dibenzo(a,h)anthracene
Concen: 49.762 ng
RT: 16.886 min Scan# 2518
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Instrument :
BNA_F
ClientSampleId :
SP1-COMPMS

Tgt Ion:278 Resp: 847501
Ion Ratio Lower Upper
278 100
139 17.1 13.4 20.0
279 23.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 49.743 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF135578.D
Acq: 04 Oct 2023 19:35

Tgt Ion:276 Resp: 884774
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 22.5 16.9 25.3

