

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135669.D
 Acq On : 10 Oct 2023 00:45
 Operator : CG\JU
 Sample : 04609-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Oct 10 02:31:35 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	108539	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	403525	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	198663	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	330910	20.000	ng	0.00
76) Chrysene-d12	13.933	240	191353	20.000	ng	0.00
86) Perylene-d12	15.404	264	197189	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	581746	87.174	ng	0.01
7) Phenol-d6	6.392	99	746590	87.983	ng	0.00
23) Nitrobenzene-d5	7.310	82	463919	62.461	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	165668	83.915	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	828490	62.919	ng	0.00
79) Terphenyl-d14	12.863	244	673671	54.576	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	130364	44.562	ng	98
3) Pyridine	3.263	79	309877	39.357	ng	98
4) n-Nitrosodimethylamine	3.240	42	205282	49.132	ng	94
6) Aniline	6.410	93	354510	31.859	ng	# 22
8) 2-Chlorophenol	6.534	128	344028	48.292	ng	95
9) Benzaldehyde	6.298	77	177289	36.675	ng	98
10) Phenol	6.410	94	417043	44.820	ng	77
11) bis(2-Chloroethyl)ether	6.481	93	325594	46.649	ng	99
12) 1,3-Dichlorobenzene	6.681	146	352028	48.623	ng	97
13) 1,4-Dichlorobenzene	6.757	146	351888	47.773	ng	99
14) 1,2-Dichlorobenzene	6.904	146	327458	47.871	ng	99
15) Benzyl Alcohol	6.892	79	278340	45.711	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	590784	44.906	ng	60
17) 2-Methylphenol	7.010	107	270430	43.017	ng	# 92
18) Hexachloroethane	7.239	117	129429	47.556	ng	91
19) n-Nitroso-di-n-propyla...	7.157	70	229437	43.653	ng	92
20) 3+4-Methylphenols	7.163	107	334644	44.269	ng	# 75
22) Acetophenone	7.157	105	455937	49.421	ng	94
24) Nitrobenzene	7.328	77	355973	48.490	ng	99
25) Isophorone	7.563	82	646709	47.418	ng	99
26) 2-Nitrophenol	7.645	139	181054	51.386	ng	95
27) 2,4-Dimethylphenol	7.686	122	260857	44.046	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	395109	48.402	ng	100
29) 2,4-Dichlorophenol	7.892	162	276021	50.297	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	282308	49.217	ng	98
31) Naphthalene	8.039	128	951845	48.548	ng	99
32) Benzoic acid	7.845	122	192244	43.108	ng	96
33) 4-Chloroaniline	8.098	127	211778	24.620	ng	98
34) Hexachlorobutadiene	8.151	225	172465	49.864	ng	98
35) Caprolactam	8.481	113	64630	35.091	ng	96
36) 4-Chloro-3-methylphenol	8.598	107	295285	48.413	ng	99
37) 2-Methylnaphthalene	8.733	142	588304	44.639	ng	99
38) 1-Methylnaphthalene	8.833	142	566836	45.939	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	291010	50.563	ng	99
41) Hexachlorocyclopentadiene	8.881	237	61005	29.219	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	181575	48.185	ng	98

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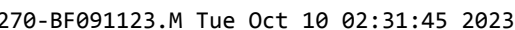
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	197536	45.519	ng	98
46) 1,1'-Biphenyl	9.198	154	755215	49.467	ng	97
47) 2-Chloronaphthalene	9.228	162	552909	49.915	ng	99
48) 2-Nitroaniline	9.333	65	208670	48.490	ng	95
49) Acenaphthylene	9.639	152	893499	48.535	ng	100
50) Dimethylphthalate	9.510	163	652190	48.556	ng	100
51) 2,6-Dinitrotoluene	9.581	165	140487	47.745	ng	90
52) Acenaphthene	9.816	154	514390	47.299	ng	99
53) 3-Nitroaniline	9.751	138	114116	33.040	ng	96
54) 2,4-Dinitrophenol	9.875	184	97613	60.121	ng	94
55) Dibenzofuran	9.986	168	752765	45.360	ng	95
56) 4-Nitrophenol	9.939	139	146626	66.796	ng	99
57) 2,4-Dinitrotoluene	9.992	165	167663	45.515	ng	97
58) Fluorene	10.333	166	604554	47.387	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	148765	44.564	ng	98
60) Diethylphthalate	10.210	149	651583	48.338	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	289728	47.276	ng	96
62) 4-Nitroaniline	10.369	138	128860	38.813	ng	98
63) Azobenzene	10.486	77	615986	46.692	ng	100
65) 4,6-Dinitro-2-methylph...	10.404	198	70076	39.871	ng	99
66) n-Nitrosodiphenylamine	10.445	169	536460	53.549	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	173353	52.673	ng	99
68) Hexachlorobenzene	10.880	284	177942	53.071	ng	# 93
69) Atrazine	10.980	200	164339	60.965	ng	100
70) Pentachlorophenol	11.086	266	135297	67.445	ng	97
71) Phenanthrene	11.298	178	808835	51.681	ng	100
72) Anthracene	11.351	178	778748	48.408	ng	99
73) Carbazole	11.516	167	722394	49.329	ng	99
74) Di-n-butylphthalate	11.839	149	922005	53.430	ng	100
75) Fluoranthene	12.492	202	819234	50.236	ng	99
77) Benzidine	12.621	184	309557	78.964	ng	99
78) Pyrene	12.727	202	801741	44.008	ng	99
80) Butylbenzylphthalate	13.345	149	320324	49.939	ng	96
81) Benzo(a)anthracene	13.927	228	663013	53.658	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	210130	54.445	ng	# 99
83) Chrysene	13.963	228	612964	49.896	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	441908	67.136	ng	99
85) Di-n-octyl phthalate	14.527	149	733734	70.144	ng	99
87) Indeno(1,2,3-cd)pyrene	16.898	276	504487	39.020	ng	99
88) Benzo(b)fluoranthene	14.980	252	612227	57.354	ng	99
89) Benzo(k)fluoranthene	15.004	252	529614	50.226	ng	99
90) Benzo(a)pyrene	15.345	252	501673	49.282	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	409608	38.720	ng	98
92) Benzo(g,h,i)perylene	17.345	276	395119	35.764	ng	98

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

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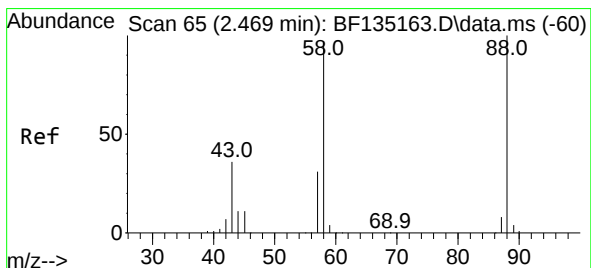
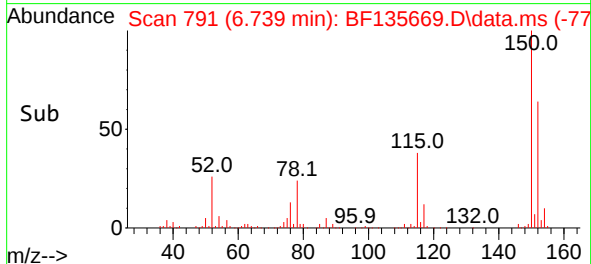
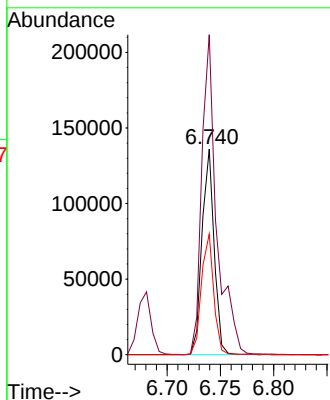
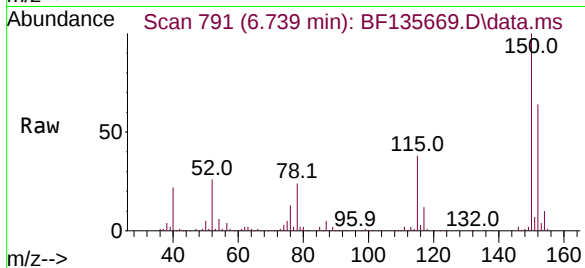




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

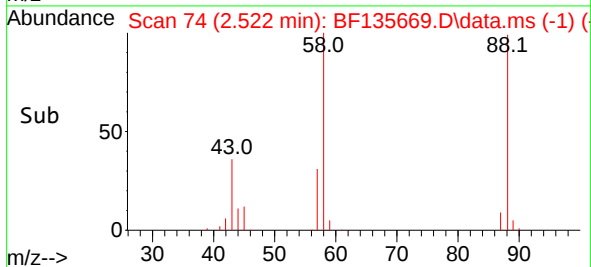
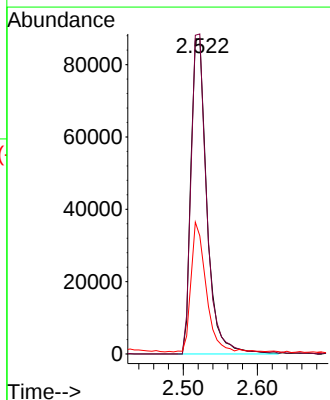
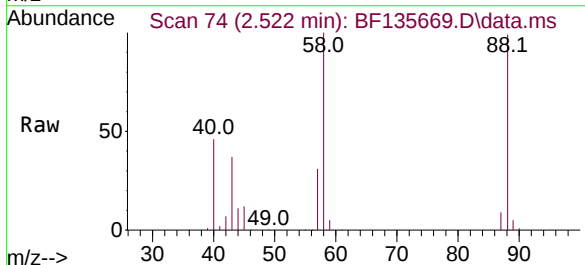
Instrument :
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 TP-1MS

Tgt Ion:152 Resp: 108539
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.8 191.6
 115 58.7 49.8 74.8



#2
 1,4-Dioxane
 Concen: 44.562 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.100 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

Tgt Ion: 88 Resp: 130364
 Ion Ratio Lower Upper
 88 100
 58 99.9 78.3 117.5
 43 38.9 29.4 44.0

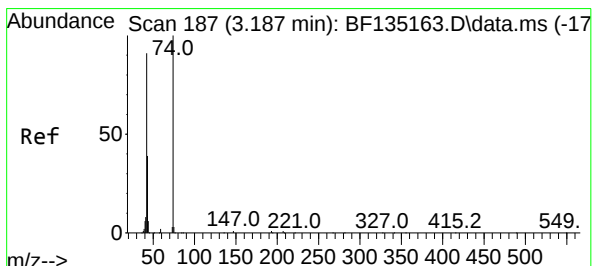
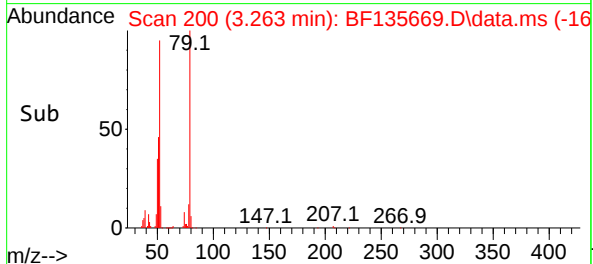
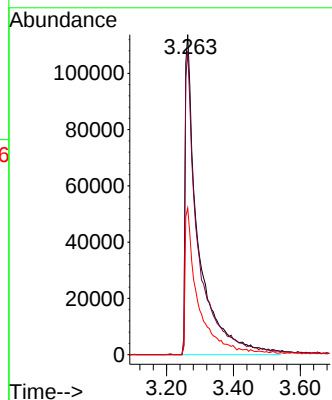
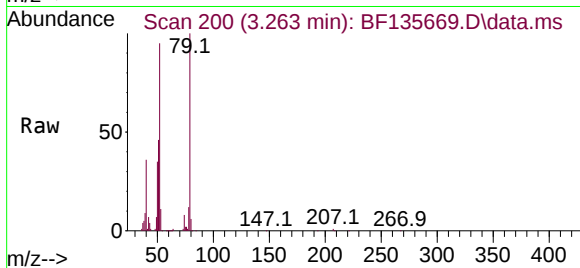




#3
 Pyridine
 Concen: 39.357 ng
 RT: 3.263 min Scan# 20
 Delta R.T. 0.100 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

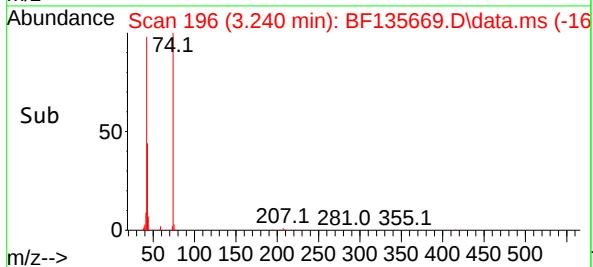
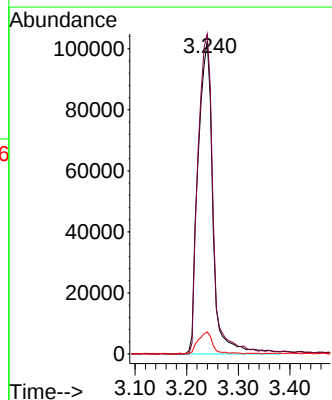
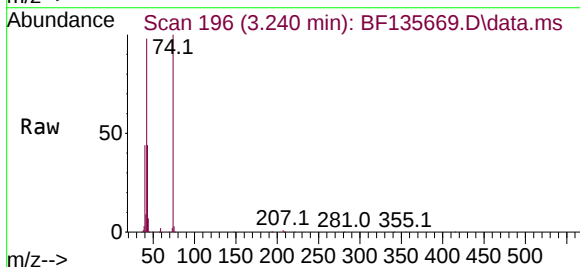
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion: 79 Resp: 309877
 Ion Ratio Lower Upper
 79 100
 52 94.9 74.1 111.1
 51 45.9 35.8 53.8



#4
 n-Nitrosodimethylamine
 Concen: 49.132 ng
 RT: 3.240 min Scan# 196
 Delta R.T. 0.106 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

Tgt Ion: 42 Resp: 205282
 Ion Ratio Lower Upper
 42 100
 74 102.4 87.7 131.5
 44 7.1 5.6 8.4

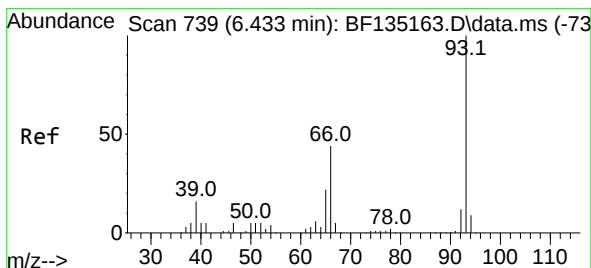
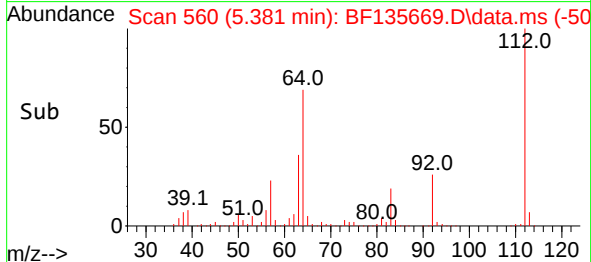
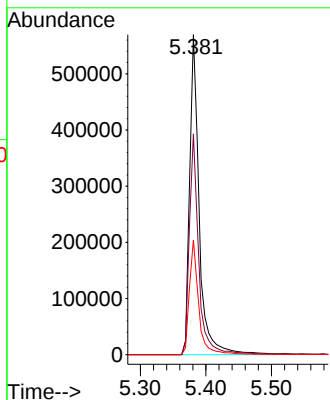
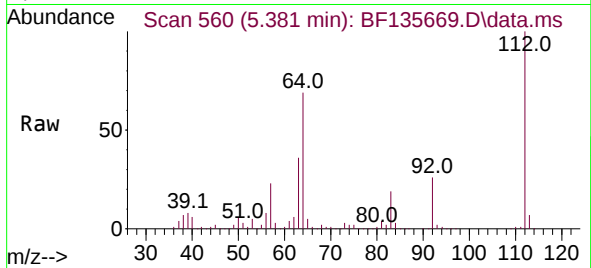




#5
2-Fluorophenol
Concen: 87.174 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

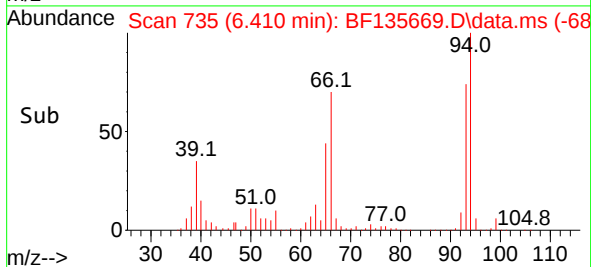
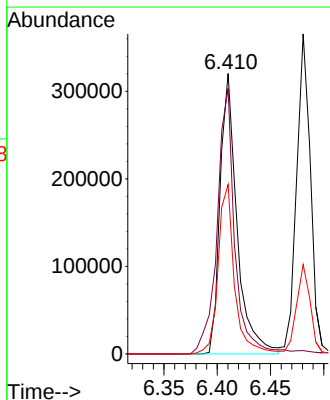
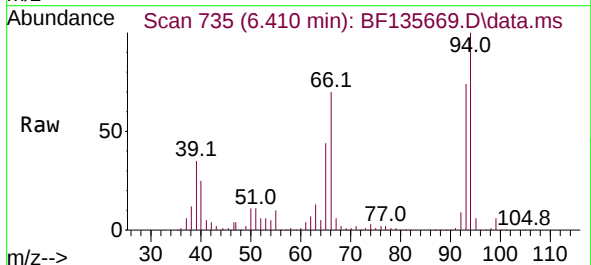
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ClientSampleId :
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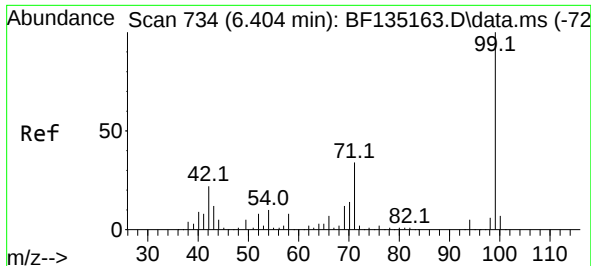
Tgt Ion:112 Resp: 581746
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.8 29.0 43.6



#6
Aniline
Concen: 31.859 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion: 93 Resp: 354510
Ion Ratio Lower Upper
93 100
66 94.7 35.4 53.0#
65 60.4 17.8 26.8#

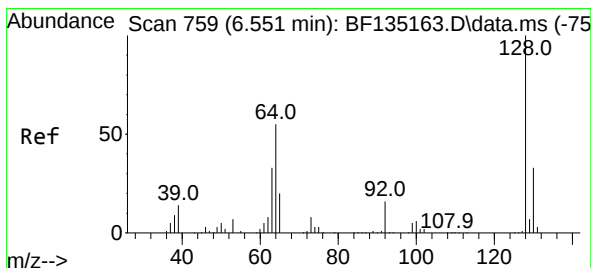
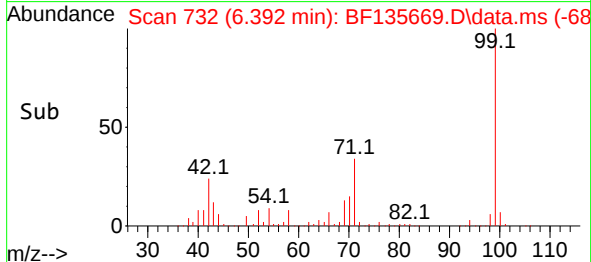
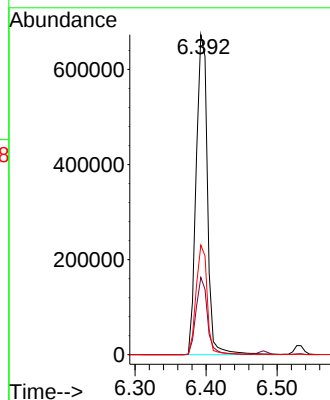
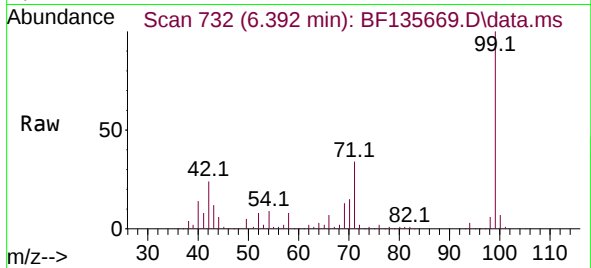




#7
Phenol-d6
Concen: 87.983 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

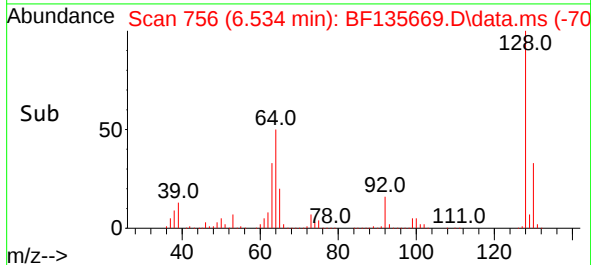
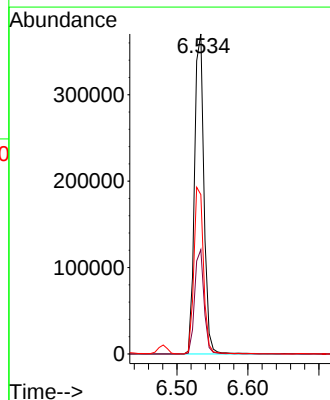
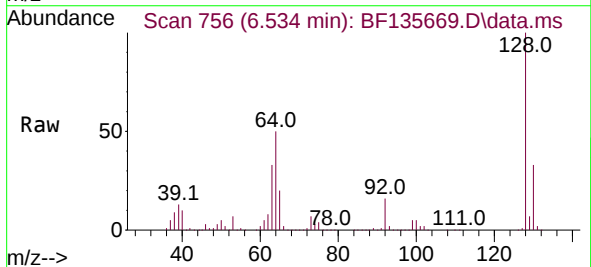
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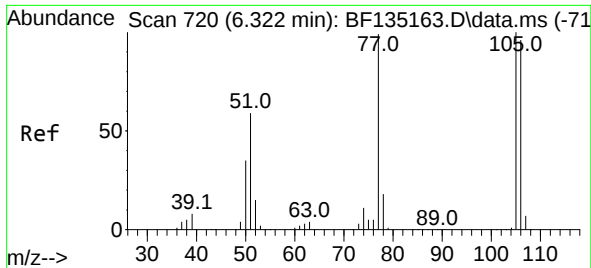
Tgt Ion: 99 Resp: 746590
Ion Ratio Lower Upper
99 100
42 24.2 17.9 26.9
71 34.3 27.0 40.6



#8
2-Chlorophenol
Concen: 48.292 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:128 Resp: 344028
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 49.8 35.9 75.9





#9

Benzaldehyde

Concen: 36.675 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

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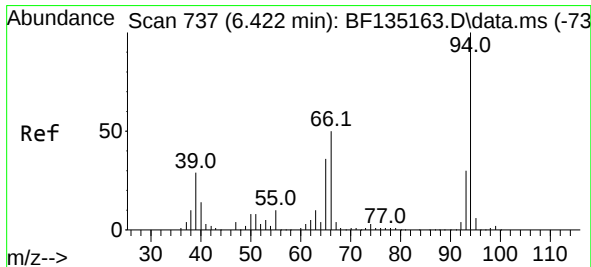
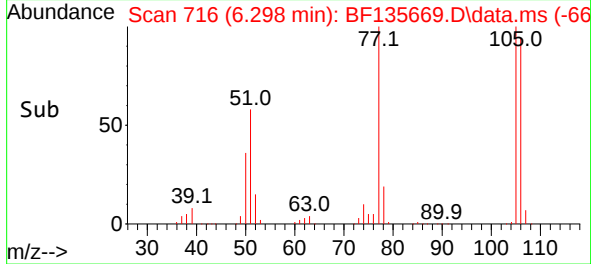
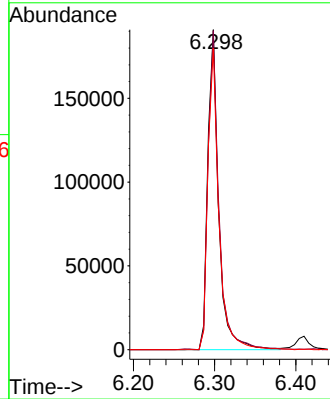
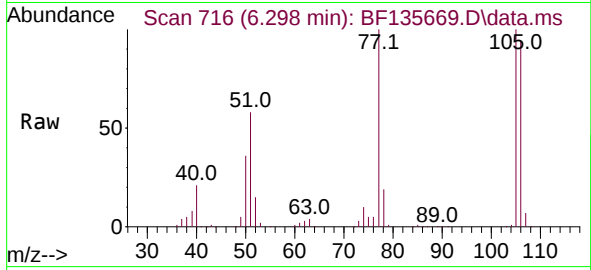
Tgt Ion: 77 Resp: 177289

Ion Ratio Lower Upper

77 100

105 99.7 81.4 121.4

106 94.2 76.9 116.9



#10

Phenol

Concen: 44.820 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

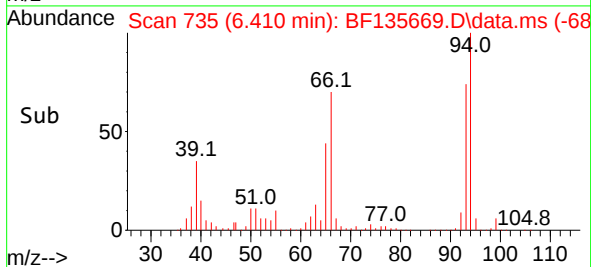
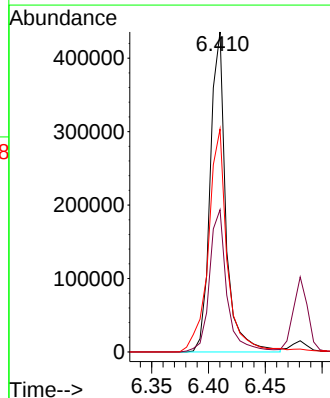
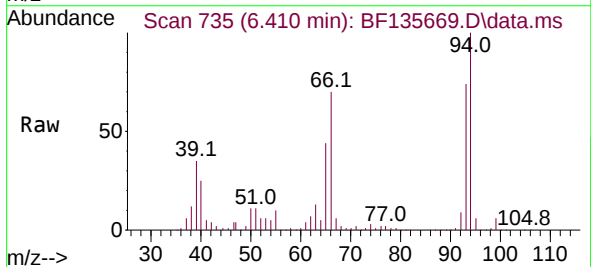
Tgt Ion: 94 Resp: 417043

Ion Ratio Lower Upper

94 100

65 44.5 15.9 55.9

66 69.6 29.8 69.8

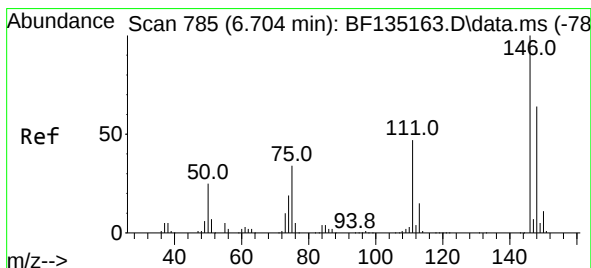
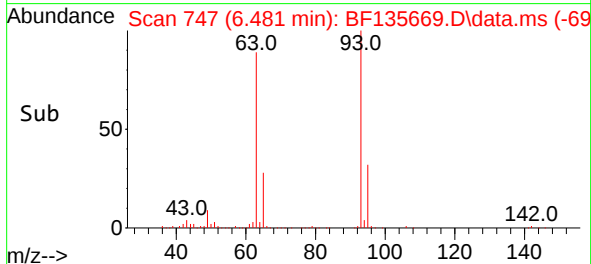
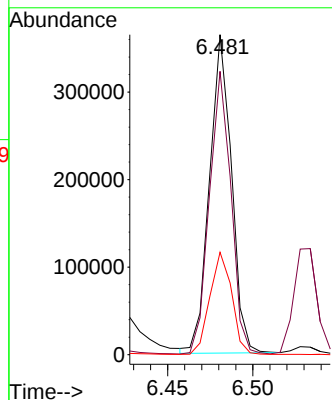
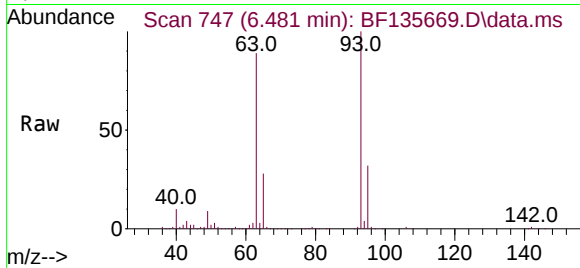




#11
bis(2-Chloroethyl)ether
Concen: 46.649 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

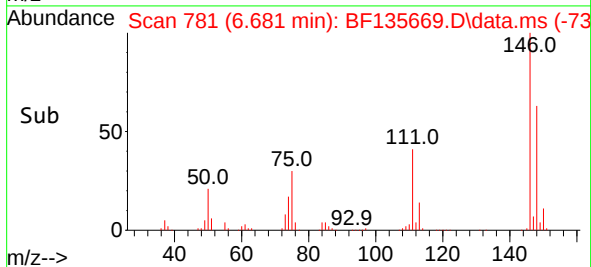
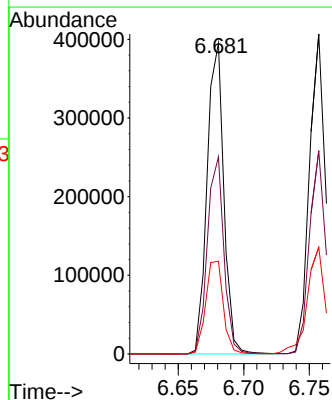
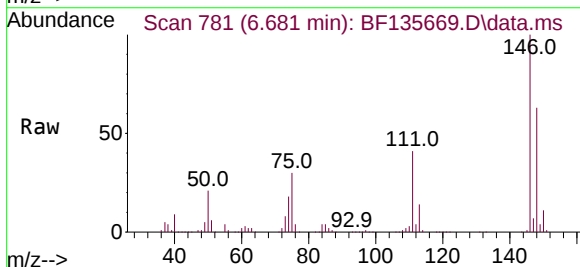
Instrument :
BNA_F
ClientSampleId :
TP-1MS

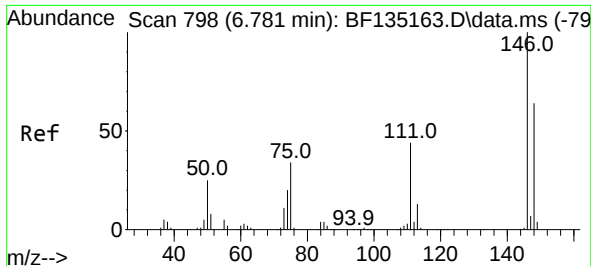
Tgt Ion: 93 Resp: 325594
Ion Ratio Lower Upper
93 100
63 88.6 67.3 107.3
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.623 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:146 Resp: 352028
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 29.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 47.773 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

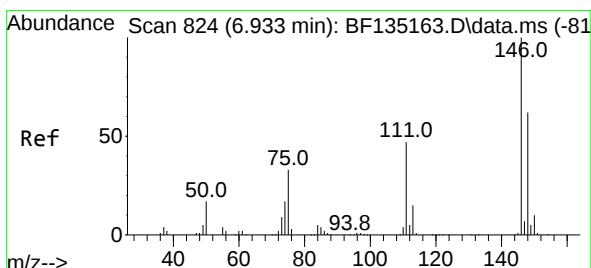
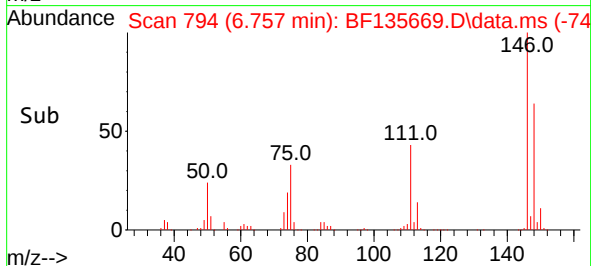
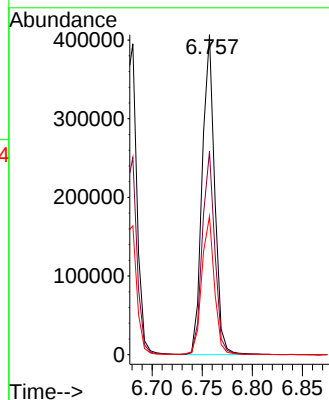
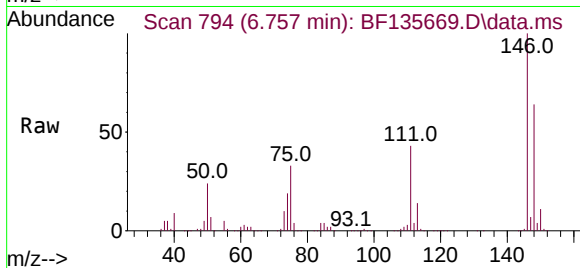
Tgt Ion:146 Resp: 351888

Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

111 43.3 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 47.871 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

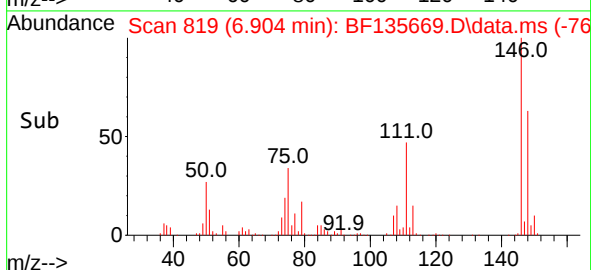
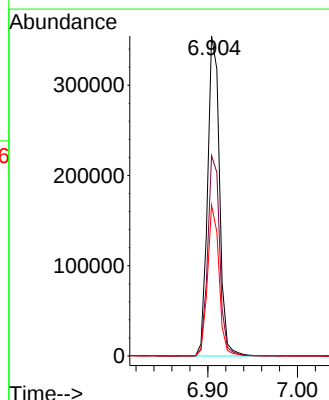
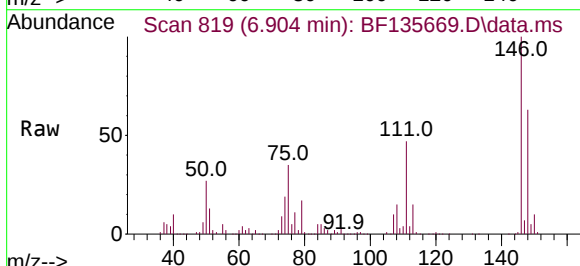
Tgt Ion:146 Resp: 327458

Ion Ratio Lower Upper

146 100

148 62.6 49.7 74.5

111 47.1 37.4 56.2

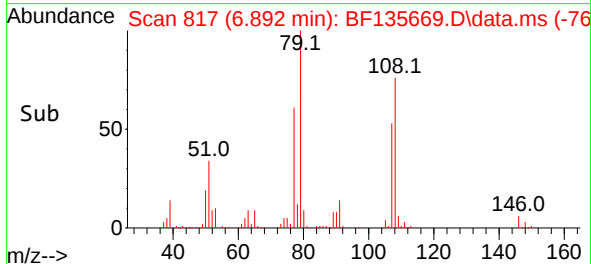
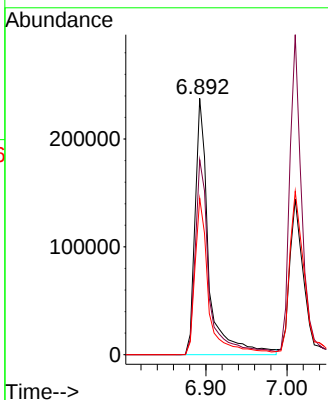
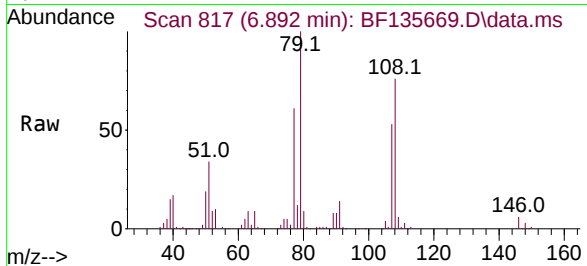




#15
Benzyl Alcohol
Concen: 45.711 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

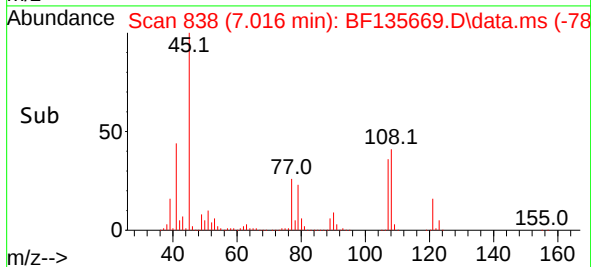
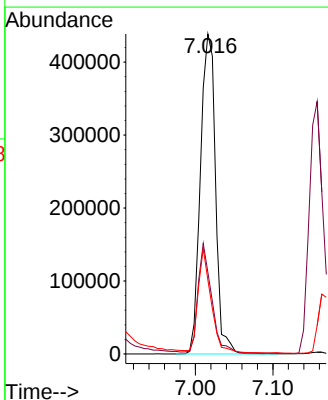
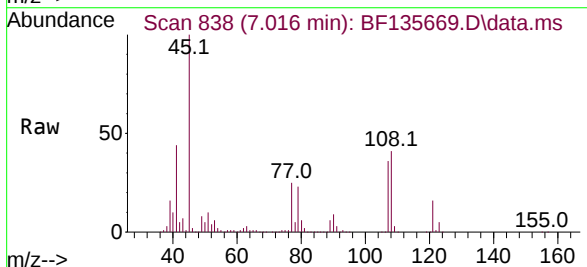
Instrument :
BNA_F
ClientSampleId :
TP-1MS

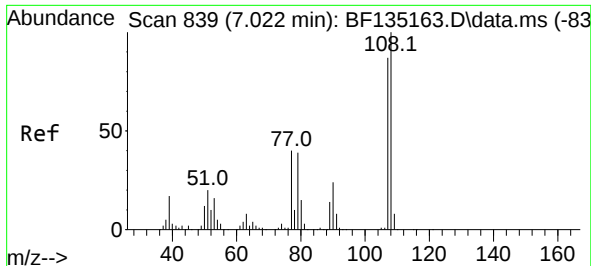
Tgt Ion: 79 Resp: 278340
Ion Ratio Lower Upper
79 100
108 76.0 61.2 91.8
77 61.0 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.906 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion: 45 Resp: 590784
Ion Ratio Lower Upper
45 100
77 25.5 0.0 30.6
79 23.1 0.0 28.3

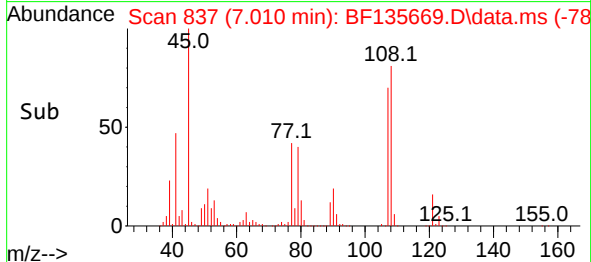
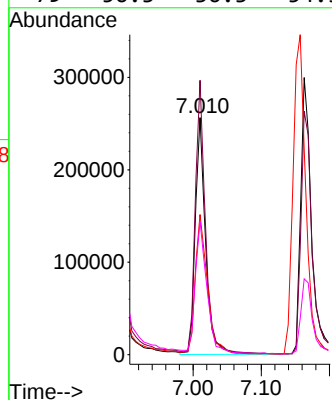
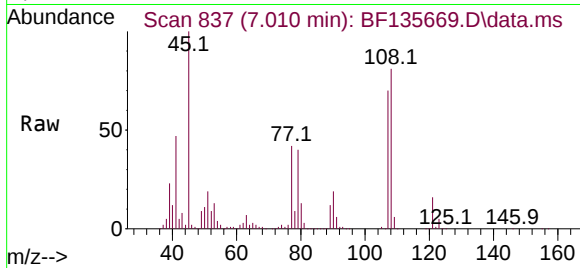




#17
2-Methylphenol
Concen: 43.017 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

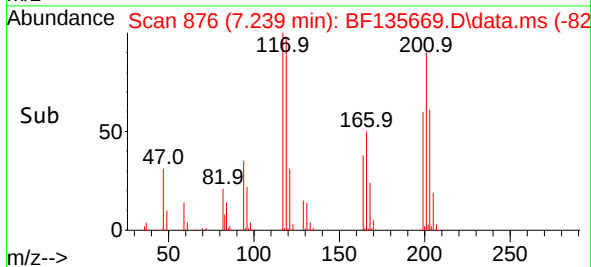
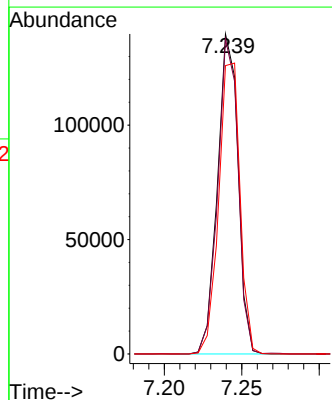
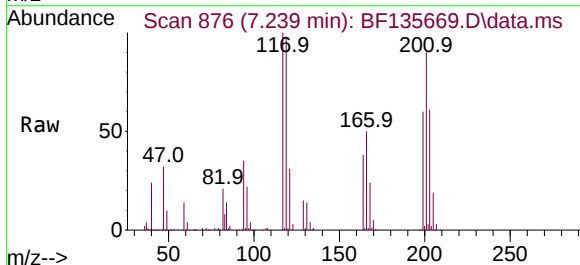
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:107 Resp: 270430
Ion Ratio Lower Upper
107 100
108 115.7 92.0 138.0
77 59.1 36.7 55.1#
79 56.3 36.3 54.5#



#18
Hexachloroethane
Concen: 47.556 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:117 Resp: 129429
Ion Ratio Lower Upper
117 100
119 98.4 74.7 112.1
201 90.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 43.653 ng

RT: 7.157 min Scan# 8

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 70 Resp: 229437

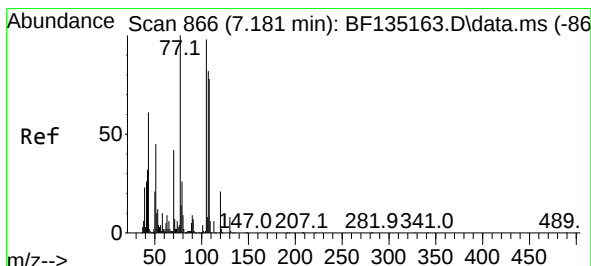
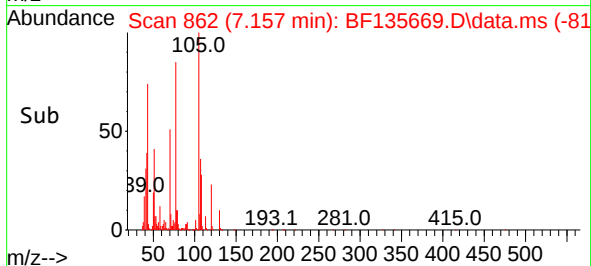
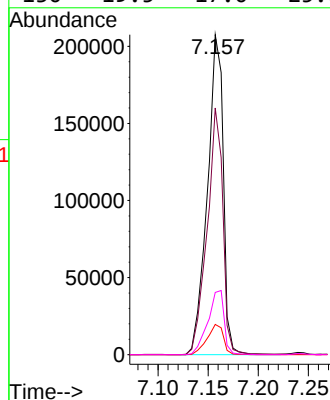
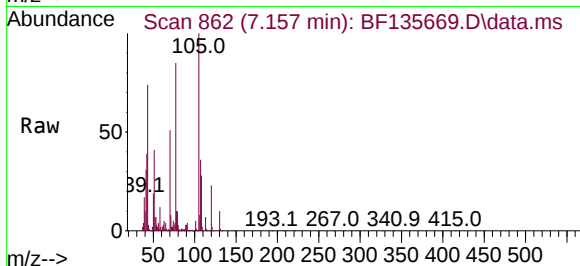
Ion Ratio Lower Upper

70 100

42 77.1 55.4 83.0

101 9.4 7.7 11.5

130 19.5 17.0 25.6



#20

3+4-Methylphenols

Concen: 44.269 ng

RT: 7.163 min Scan# 863

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Tgt Ion:107 Resp: 334644

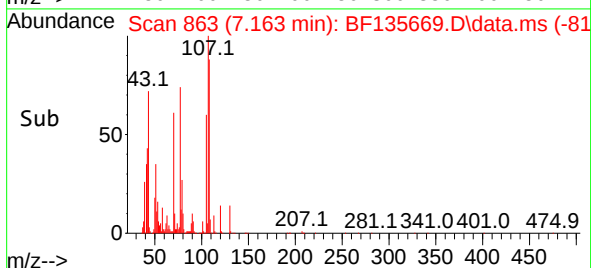
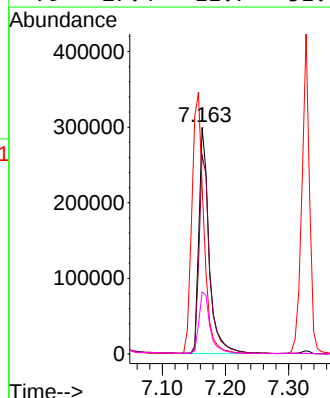
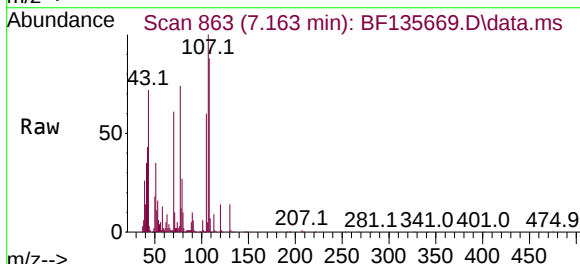
Ion Ratio Lower Upper

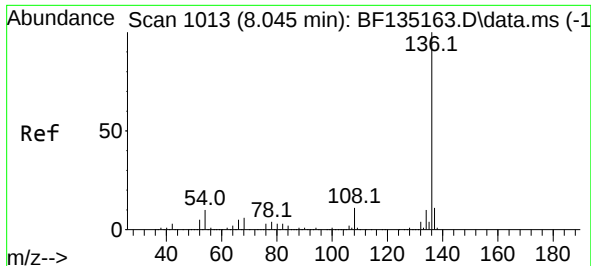
107 100

108 87.8 74.7 114.7

77 74.1 102.0 142.0#

79 27.4 11.7 51.7

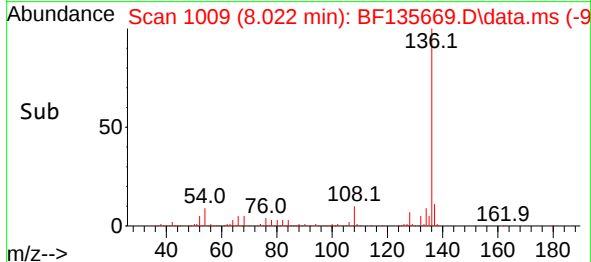
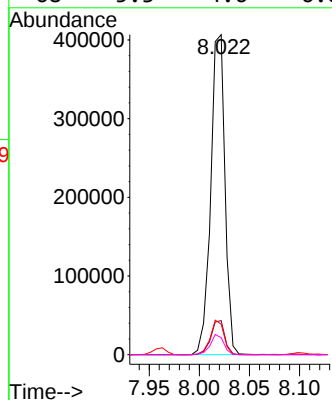
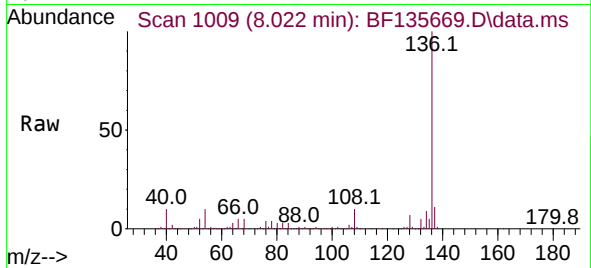




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

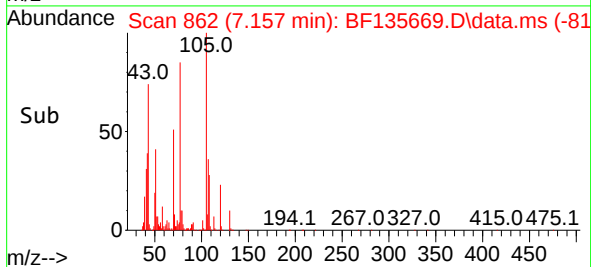
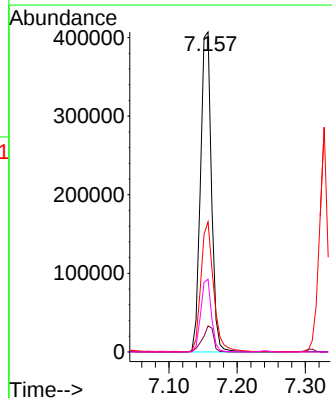
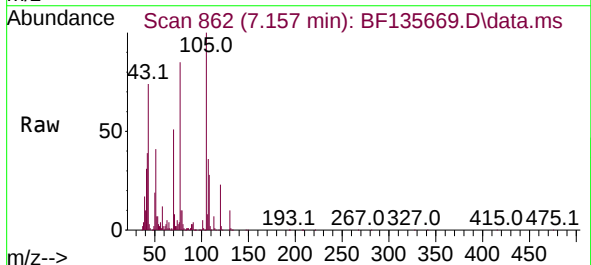
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:	136	Resp:	403525
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.8	13.2
54	9.5	7.7	11.5
68	5.3	4.6	6.8



#22
Acetophenone
Concen: 49.421 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:	105	Resp:	455937
Ion Ratio	Lower	Upper	
105	100		
71	8.2	5.8	8.6
51	40.7	37.0	55.4
120	22.8	17.0	25.6





#23

Nitrobenzene-d5

Concen: 62.461 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

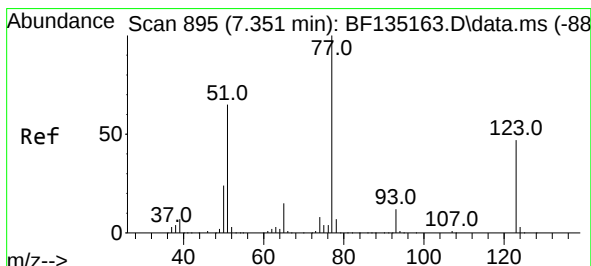
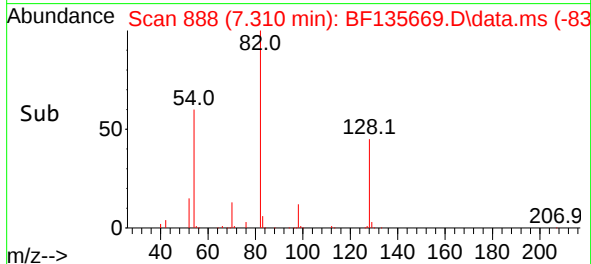
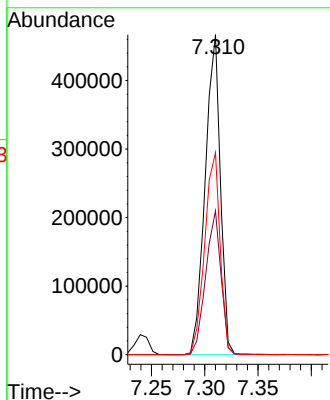
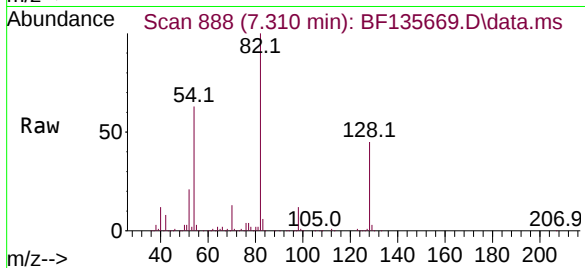
Tgt Ion: 82 Resp: 463919

Ion Ratio Lower Upper

82 100

128 45.0 35.8 53.6

54 63.1 50.6 76.0



#24

Nitrobenzene

Concen: 48.490 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

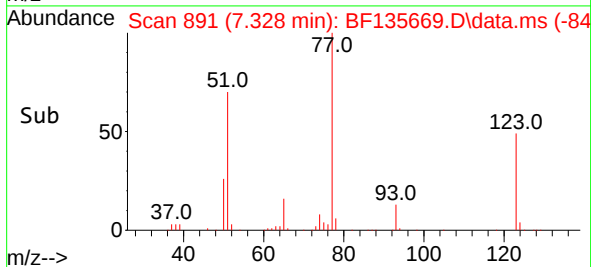
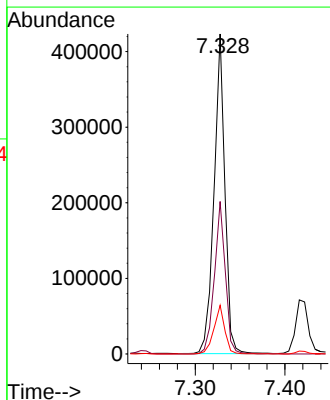
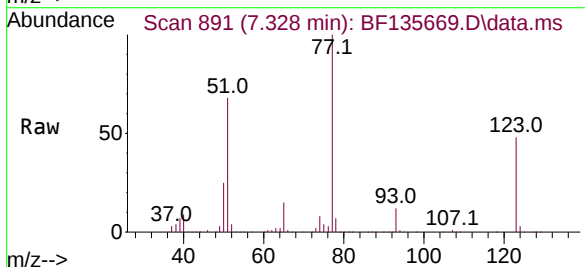
Tgt Ion: 77 Resp: 355973

Ion Ratio Lower Upper

77 100

123 47.6 37.6 56.4

65 15.2 12.2 18.4

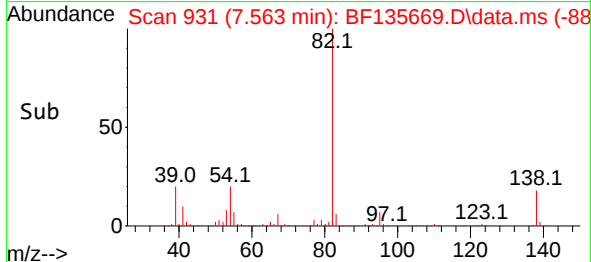
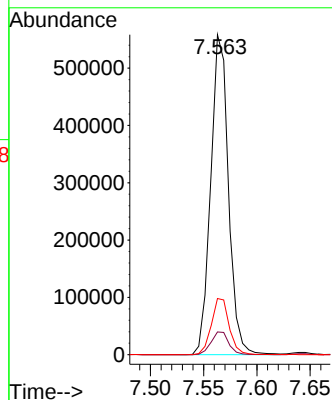
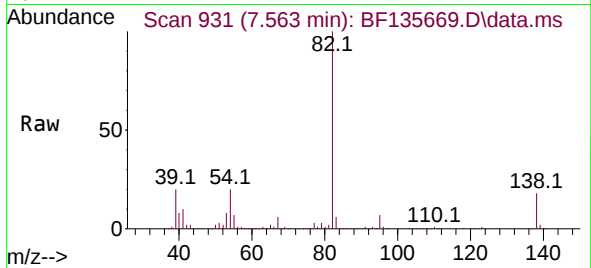




#25
Isophorone
Concen: 47.418 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

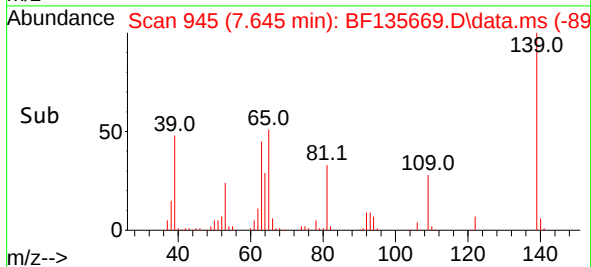
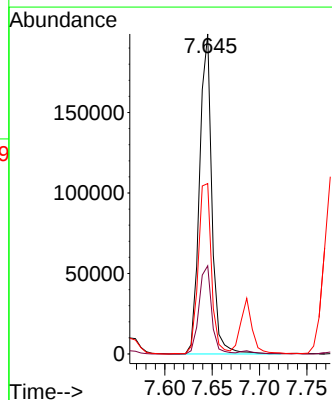
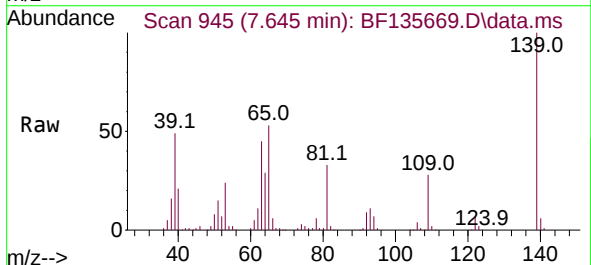
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 82 Resp: 646709
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 17.5 14.5 21.7



#26
2-Nitrophenol
Concen: 51.386 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:139 Resp: 181054
Ion Ratio Lower Upper
139 100
109 27.5 22.6 33.8
65 53.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.046 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

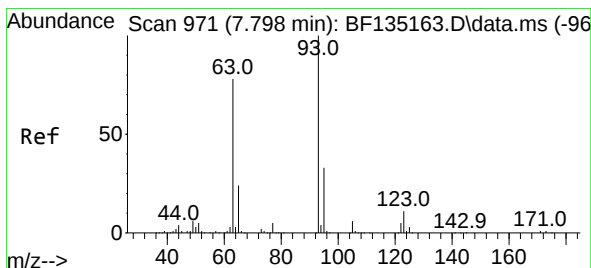
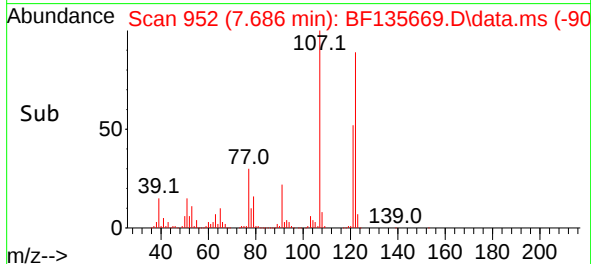
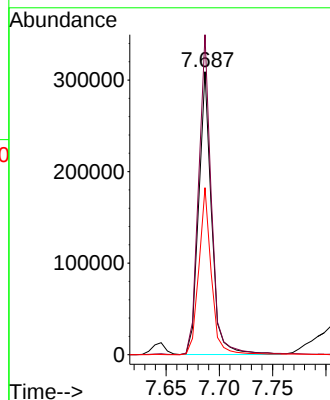
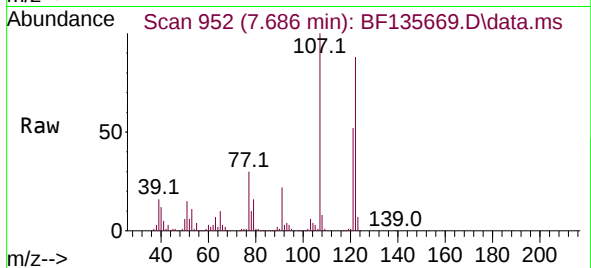
Tgt Ion:122 Resp: 260857

Ion Ratio Lower Upper

122 100

107 113.1 90.2 135.4

121 59.0 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 48.402 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

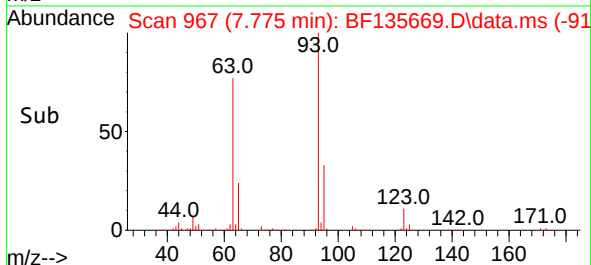
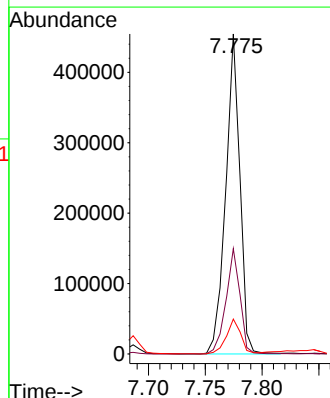
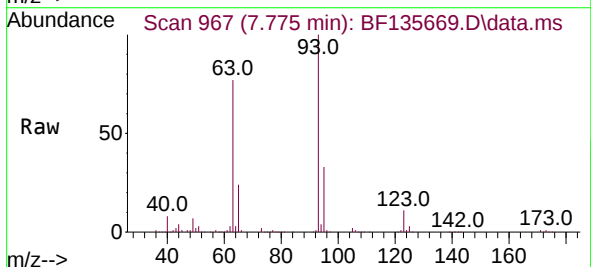
Tgt Ion: 93 Resp: 395109

Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.297 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

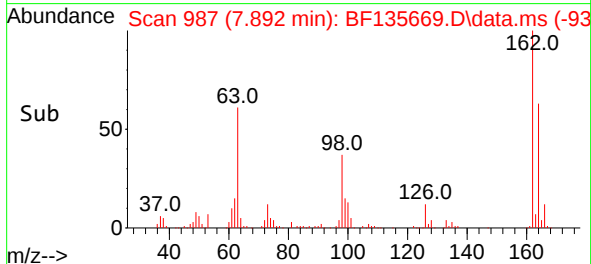
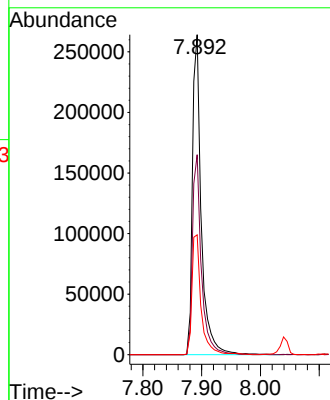
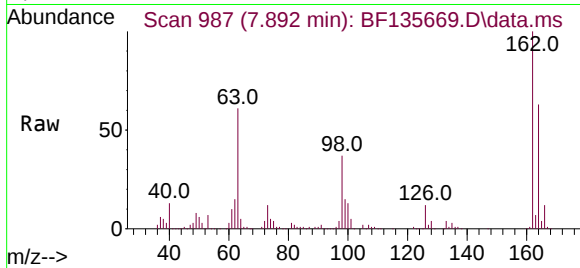
Tgt Ion:162 Resp: 276021

Ion Ratio Lower Upper

162 100

164 62.5 44.1 84.1

98 37.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 49.217 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

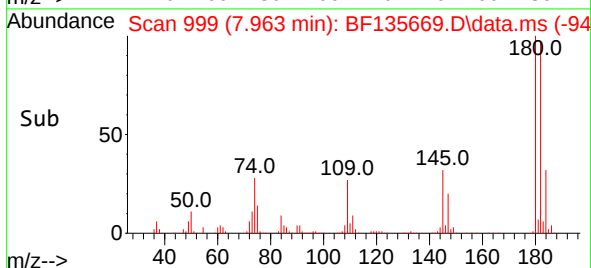
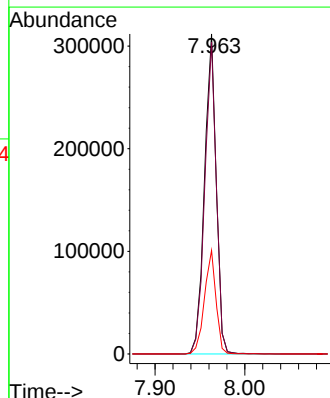
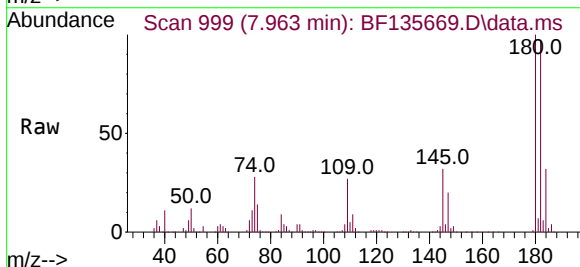
Tgt Ion:180 Resp: 282308

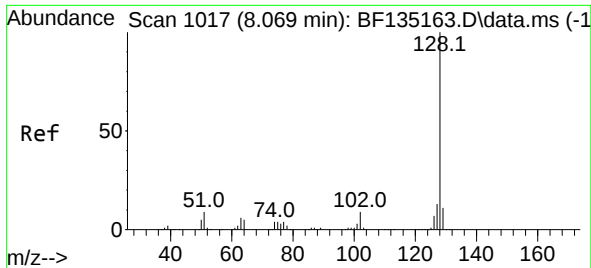
Ion Ratio Lower Upper

180 100

182 97.3 76.9 115.3

145 32.4 24.5 36.7

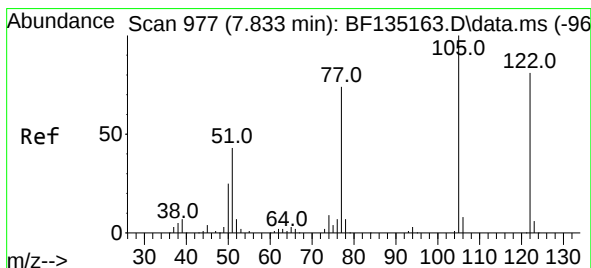
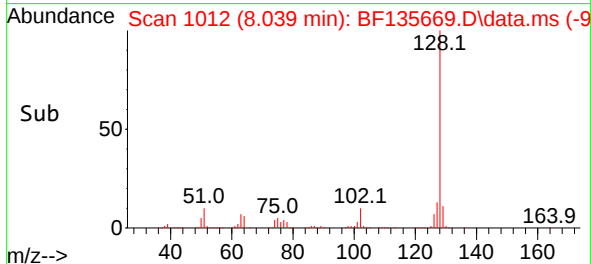
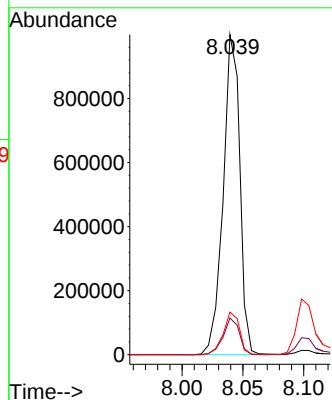
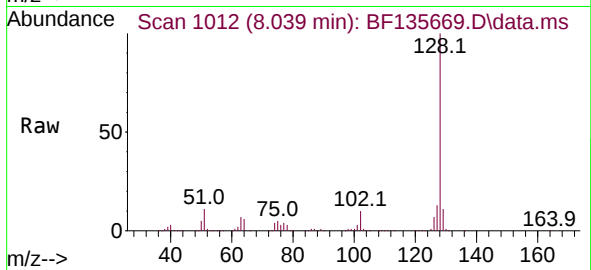




#31
Naphthalene
Concen: 48.548 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

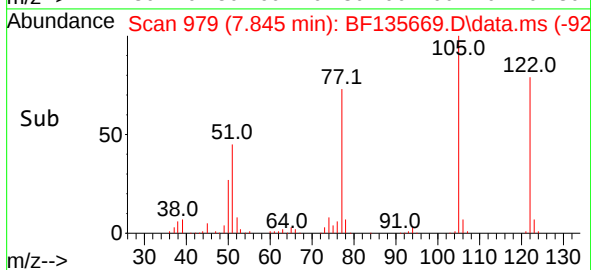
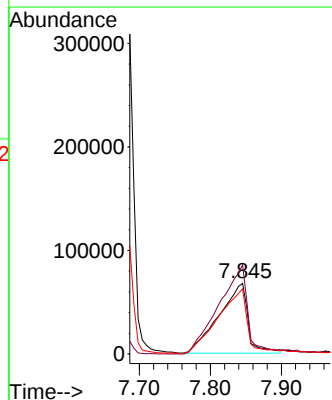
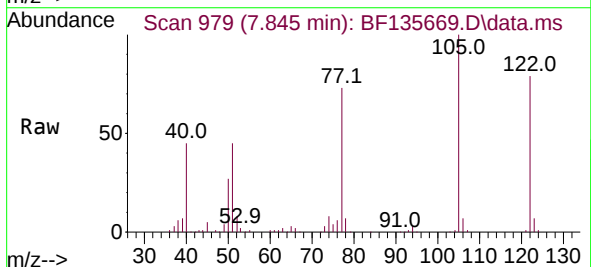
Instrument :
BNA_F
ClientSampleId :
TP-1MS

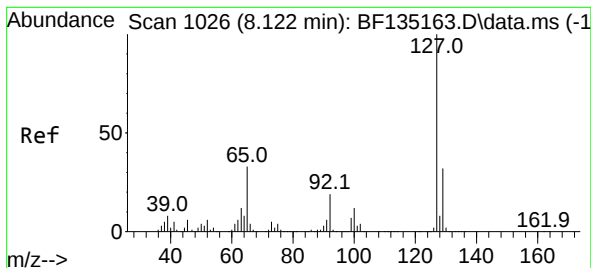
Tgt Ion:128 Resp: 951845
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 43.108 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.024 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:122 Resp: 192244
Ion Ratio Lower Upper
122 100
105 126.4 99.9 139.9
77 92.4 70.0 110.0





#33

4-Chloroaniline

Concen: 24.620 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 211778

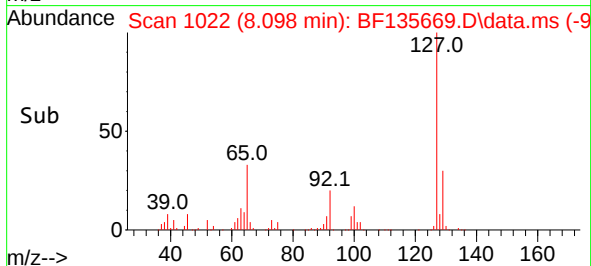
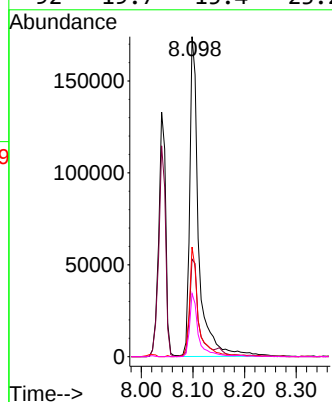
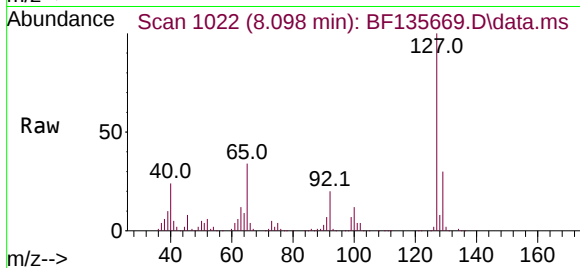
Ion Ratio Lower Upper

127 100

129 30.5 25.8 38.8

65 34.3 26.6 39.8

92 19.7 15.4 23.2



#34

Hexachlorobutadiene

Concen: 49.864 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

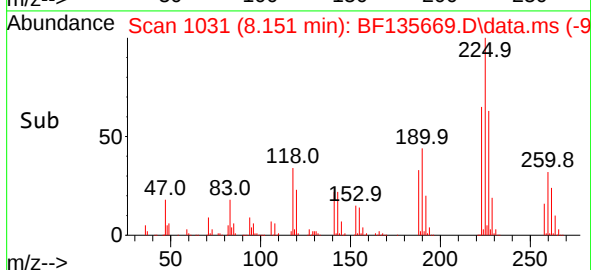
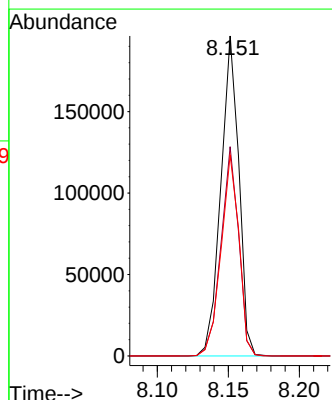
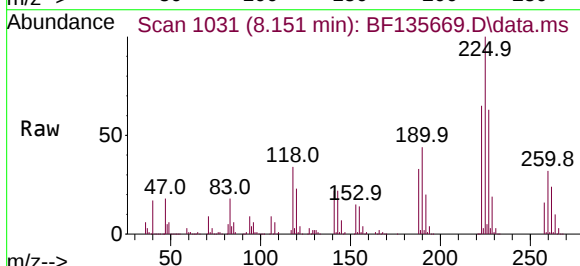
Tgt Ion:225 Resp: 172465

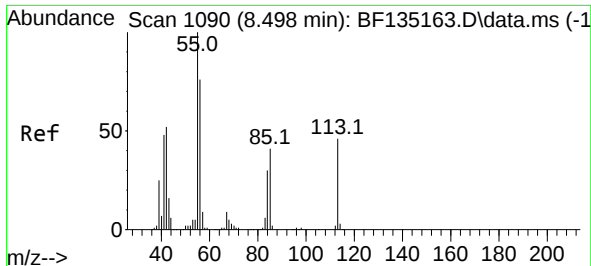
Ion Ratio Lower Upper

225 100

223 65.4 50.6 75.8

227 62.8 50.8 76.2

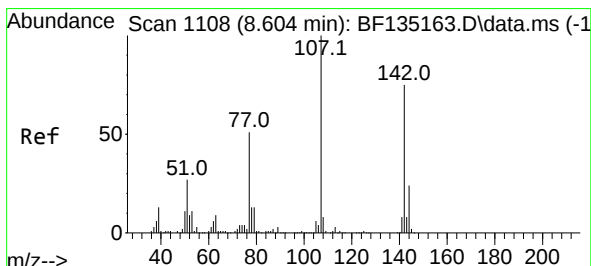
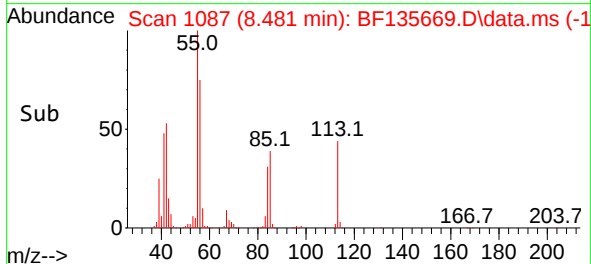
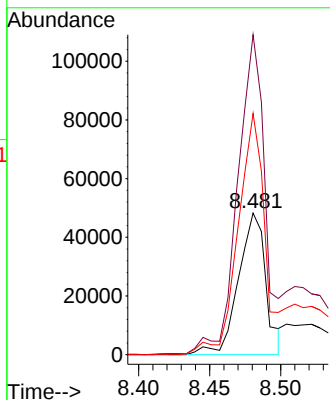
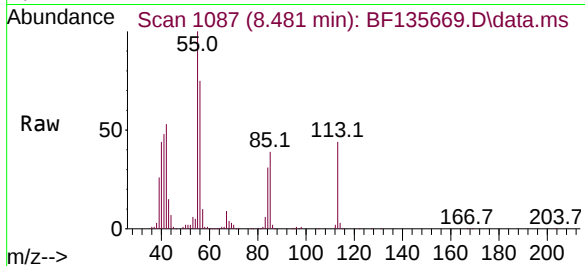




#35
 Caprolactam
 Concen: 35.091 ng
 RT: 8.481 min Scan# 1090
 Delta R.T. 0.012 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

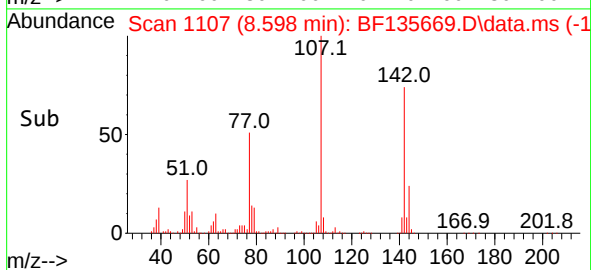
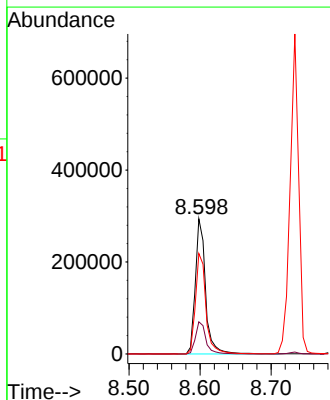
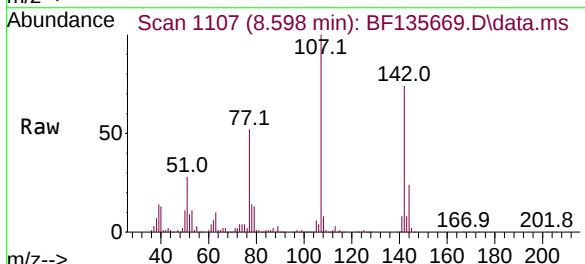
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

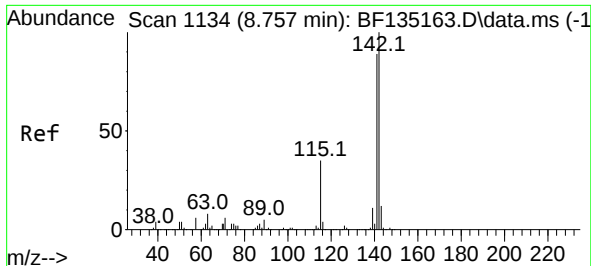
Tgt Ion:113 Resp: 64630
 Ion Ratio Lower Upper
 113 100
 55 226.0 199.3 239.3
 56 170.4 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.413 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.012 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

Tgt Ion:107 Resp: 295285
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.0 28.4
 142 74.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 44.639 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

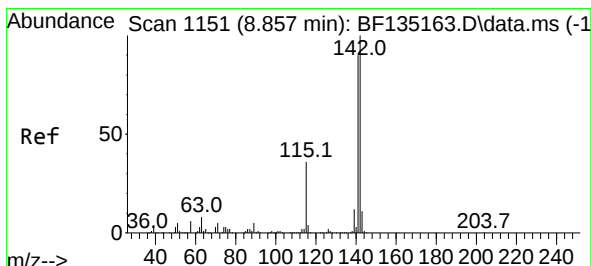
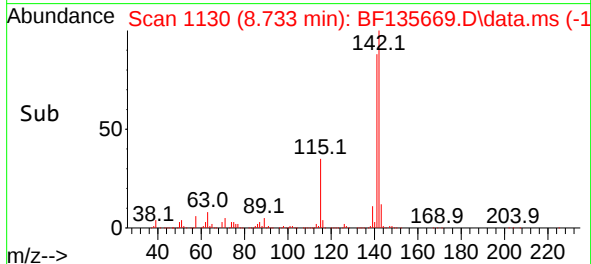
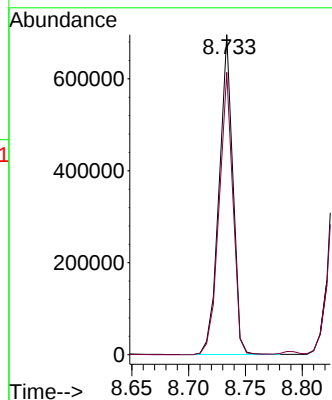
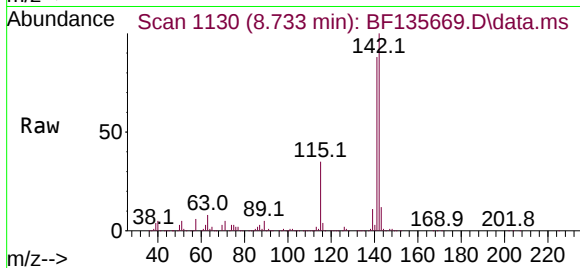
TP-1MS

Tgt Ion:142 Resp: 588304

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 45.939 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135669.D

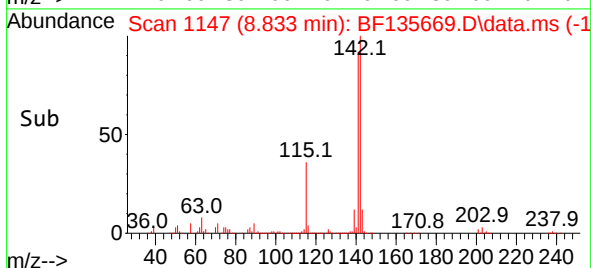
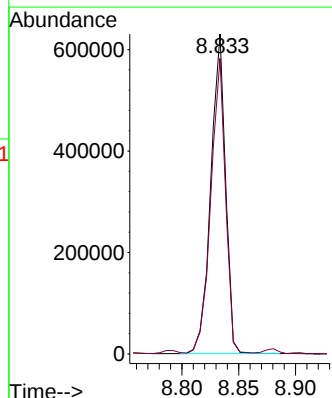
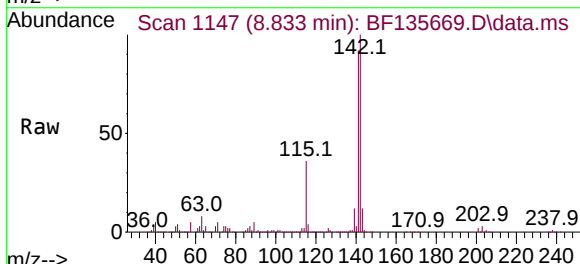
Acq: 10 Oct 2023 00:45

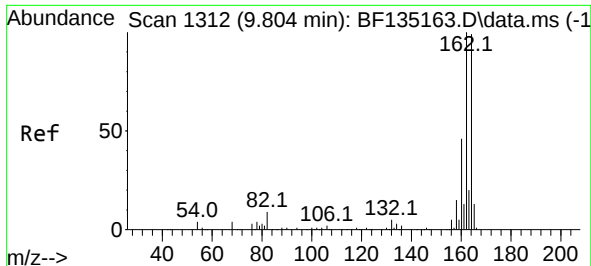
Tgt Ion:142 Resp: 566836

Ion Ratio Lower Upper

142 100

141 92.4 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

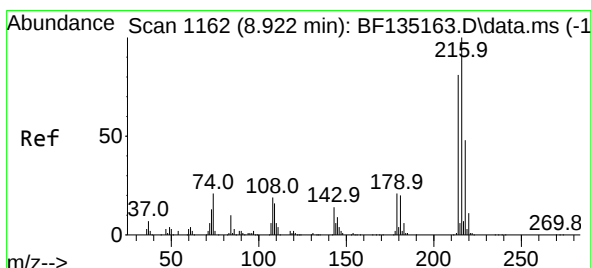
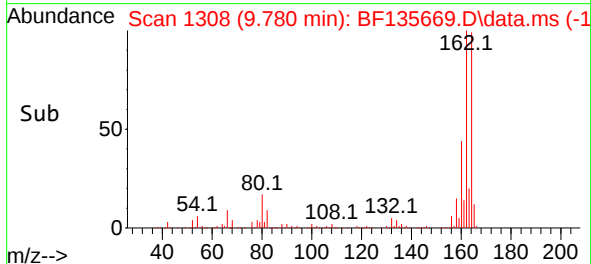
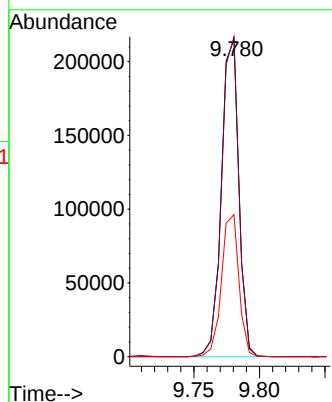
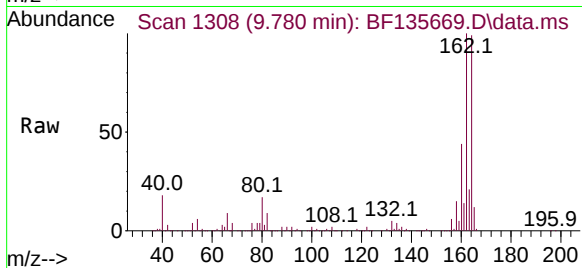
Tgt Ion:164 Resp: 198663

Ion Ratio Lower Upper

164 100

162 100.9 81.0 121.4

160 44.8 37.0 55.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.563 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Tgt Ion:216 Resp: 291010

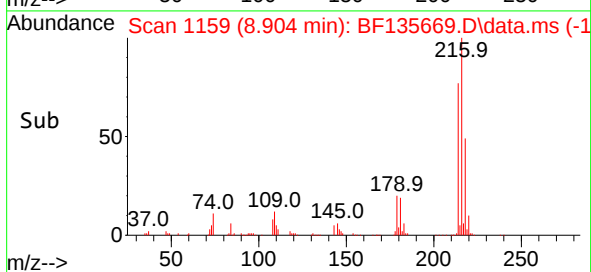
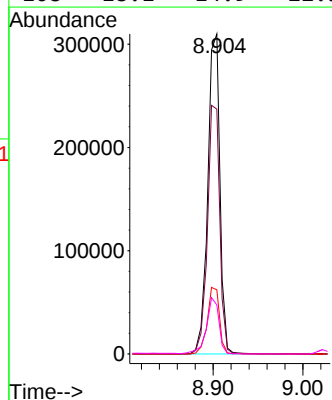
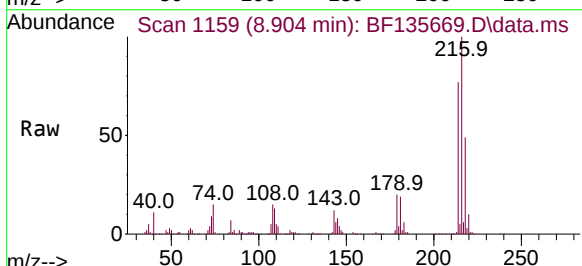
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 20.8 16.7 25.1

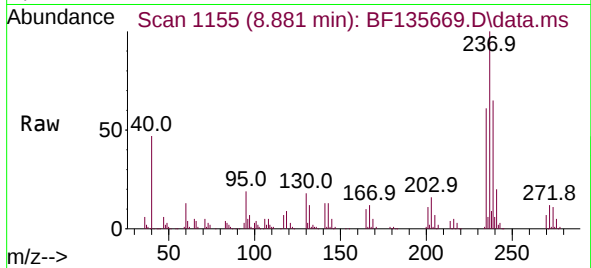
108 18.1 14.9 22.3



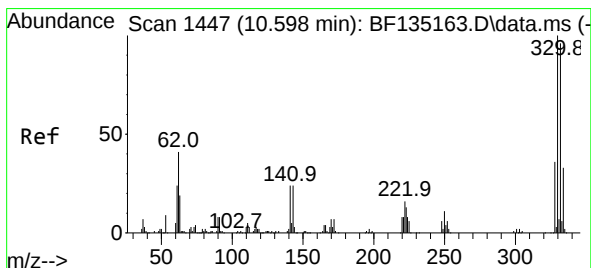
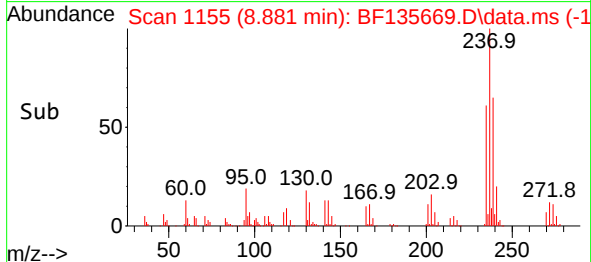
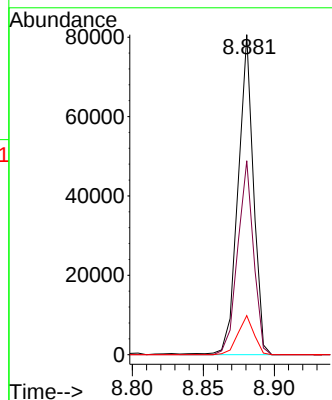


#41
Hexachlorocyclopentadiene
Concen: 29.219 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

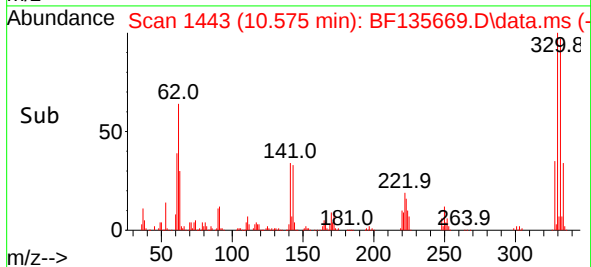
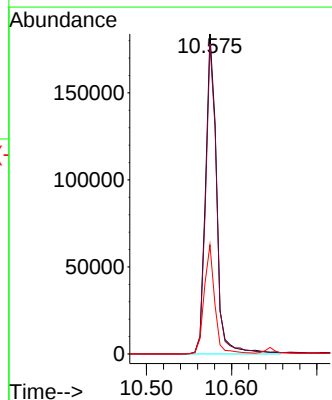
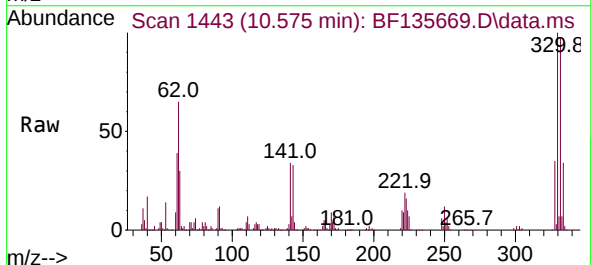


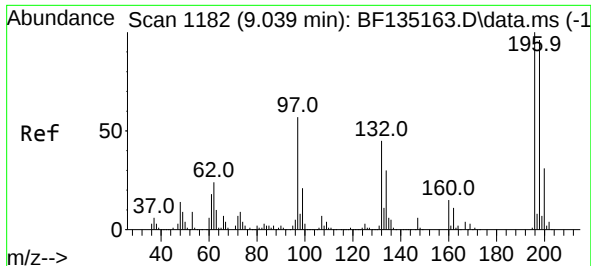
Tgt Ion:237 Resp: 61005
Ion Ratio Lower Upper
237 100
235 60.6 41.8 81.8
272 12.2 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 83.915 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:330 Resp: 165668
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 48.185 ng

RT: 9.022 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

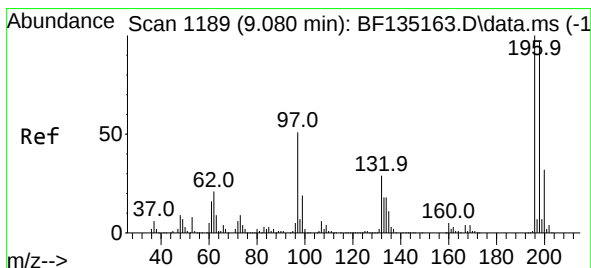
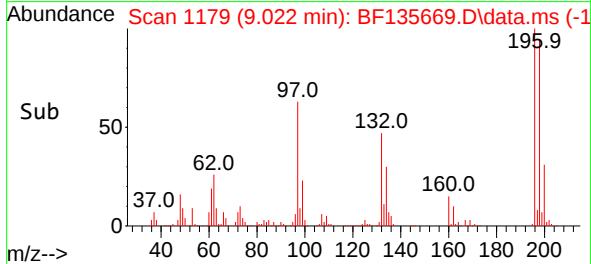
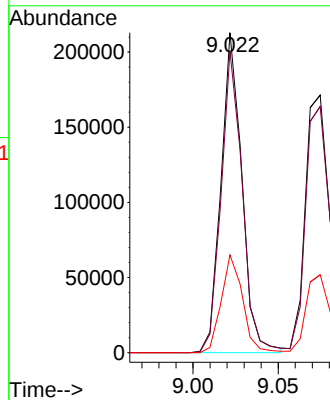
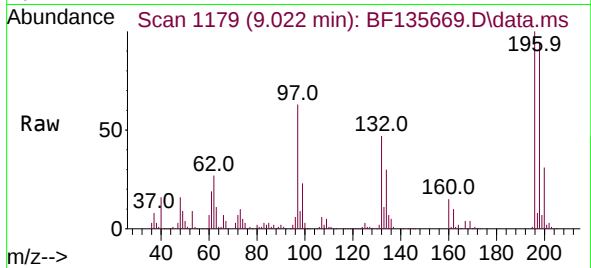
Tgt Ion:196 Resp: 181575

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 45.519 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Tgt Ion:196 Resp: 197536

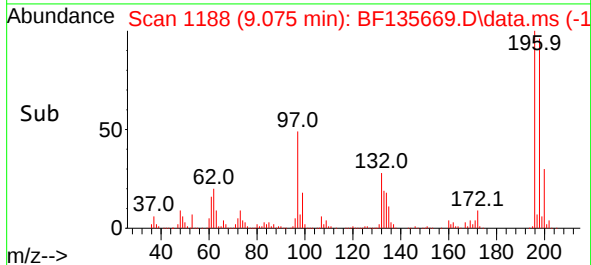
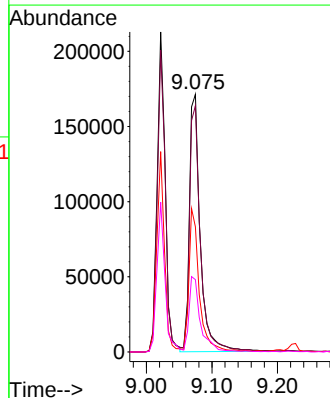
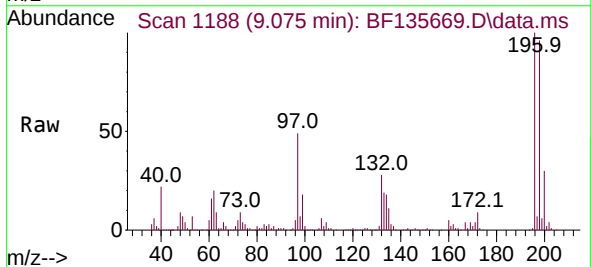
Ion Ratio Lower Upper

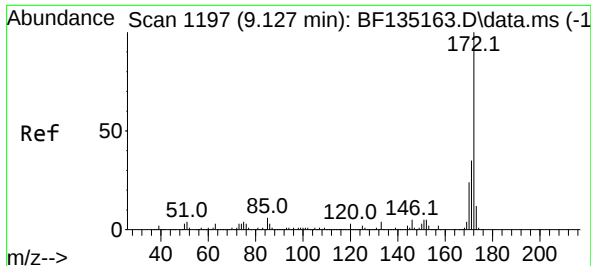
196 100

198 95.6 77.5 116.3

97 48.5 40.5 60.7

132 28.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 62.919 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

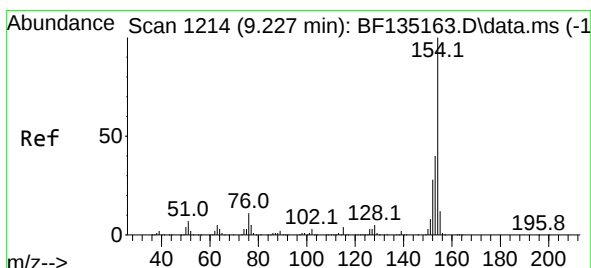
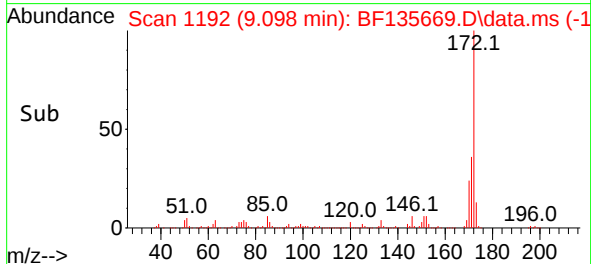
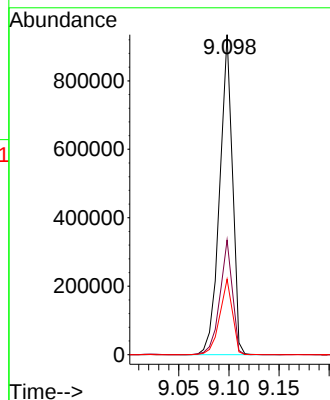
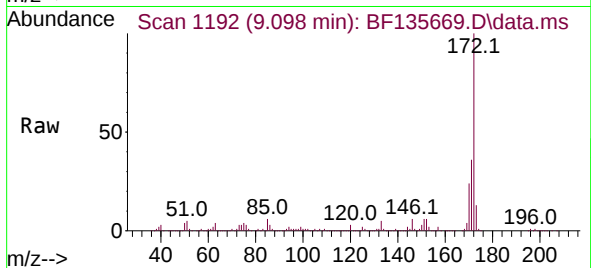
Tgt Ion:172 Resp: 828490

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.6 19.0 28.4



#46

1,1'-Biphenyl

Concen: 49.467 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

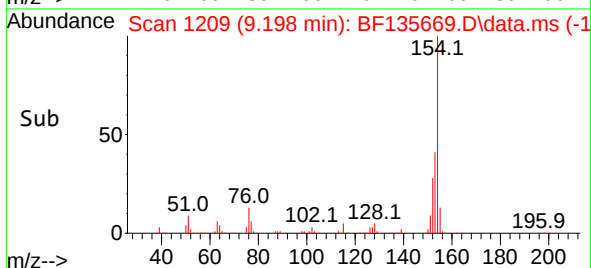
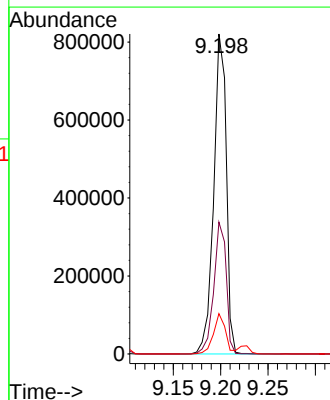
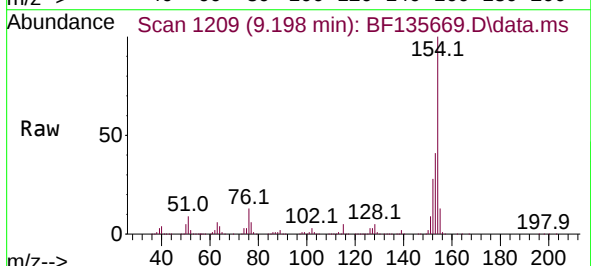
Tgt Ion:154 Resp: 755215

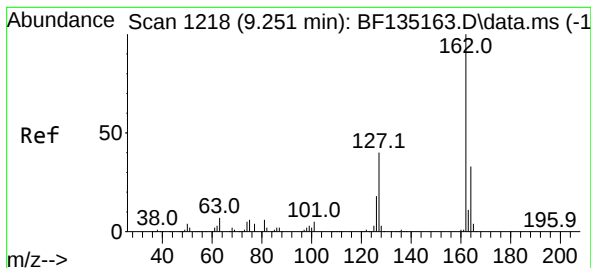
Ion Ratio Lower Upper

154 100

153 41.2 19.6 59.6

76 12.6 0.0 31.0





#47

2-Chloronaphthalene

Concen: 49.915 ng

RT: 9.228 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

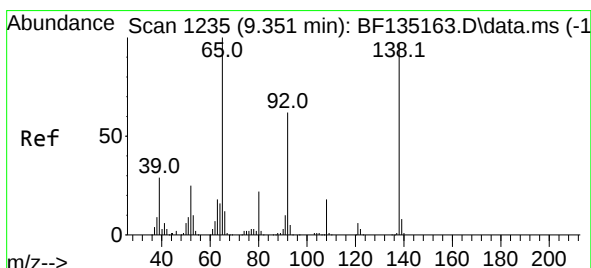
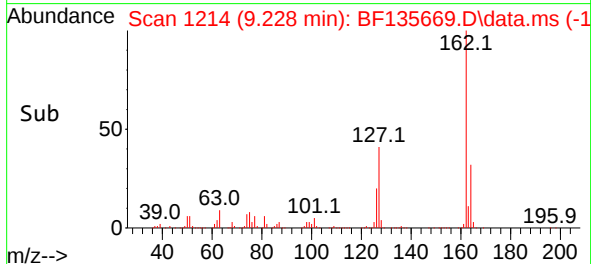
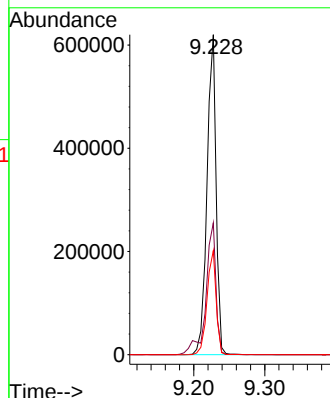
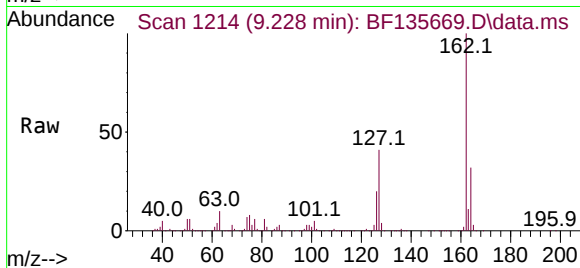
Tgt Ion:162 Resp: 552909

Ion Ratio Lower Upper

162 100

127 41.2 32.6 48.8

164 32.5 26.2 39.2



#48

2-Nitroaniline

Concen: 48.490 ng

RT: 9.333 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

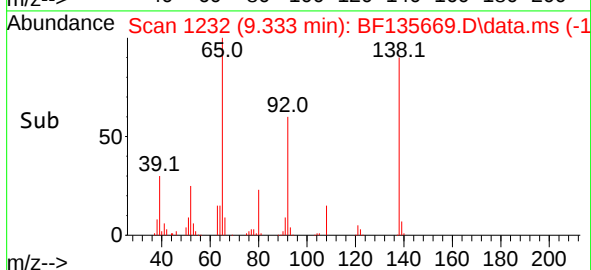
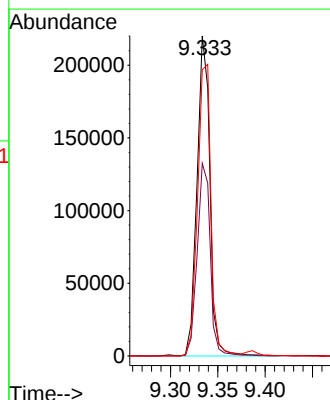
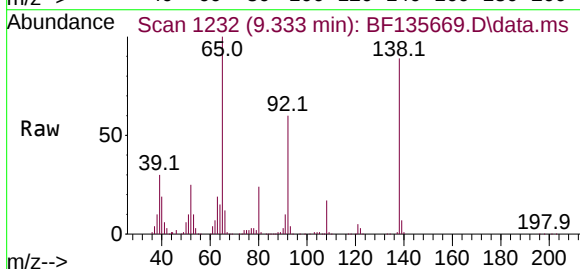
Tgt Ion: 65 Resp: 208670

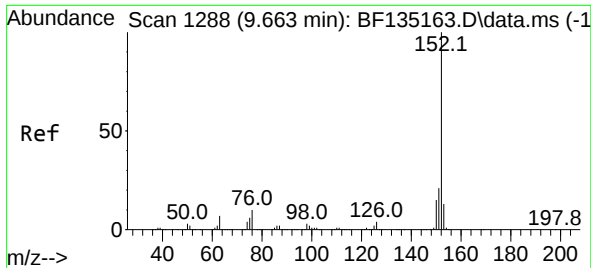
Ion Ratio Lower Upper

65 100

92 60.2 49.4 74.0

138 89.4 77.4 116.0

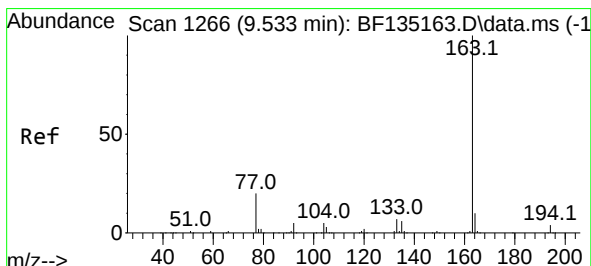
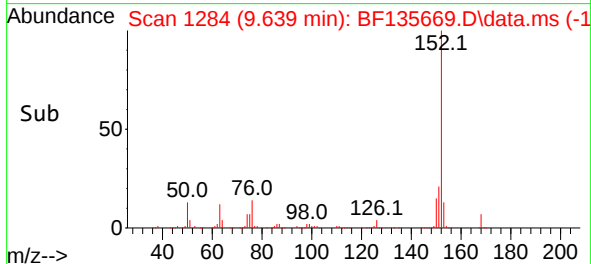
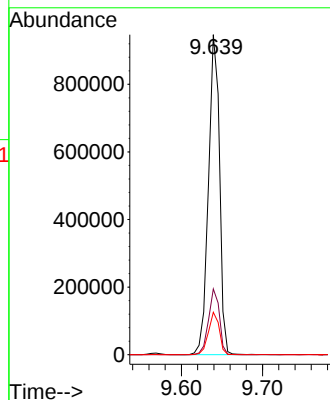
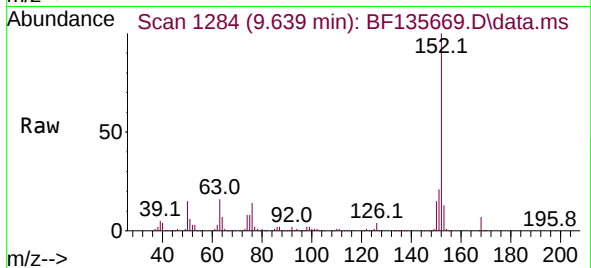




#49
Acenaphthylene
Concen: 48.535 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

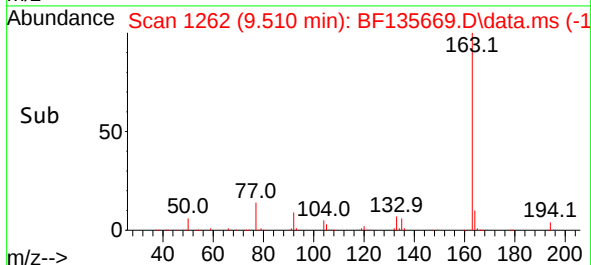
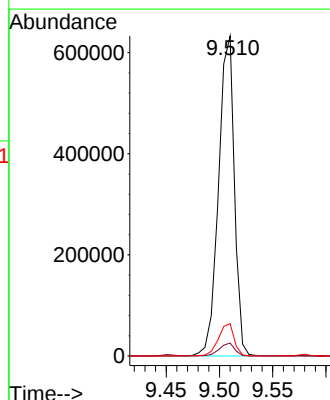
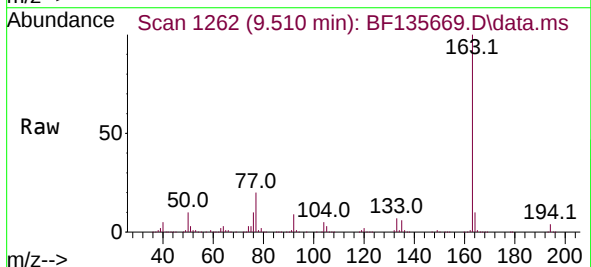
Instrument :
BNA_F
ClientSampleId :
TP-1MS

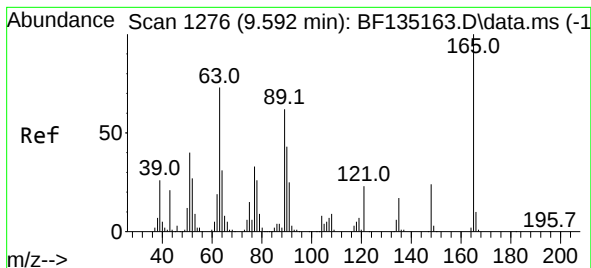
Tgt Ion:152 Resp: 893499
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 48.556 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:163 Resp: 652190
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 47.745 ng

RT: 9.581 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

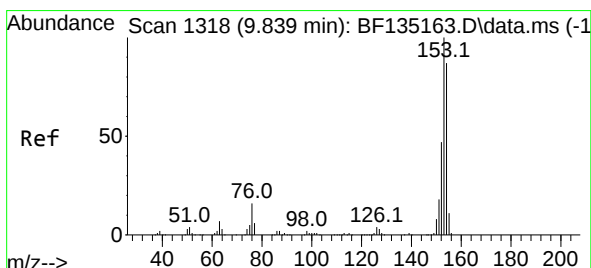
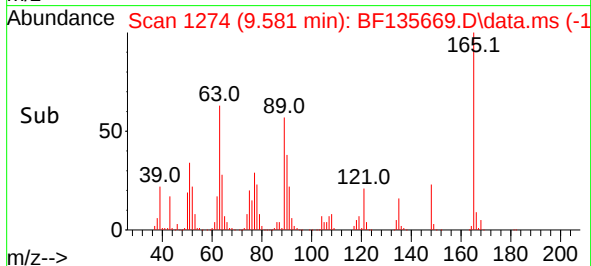
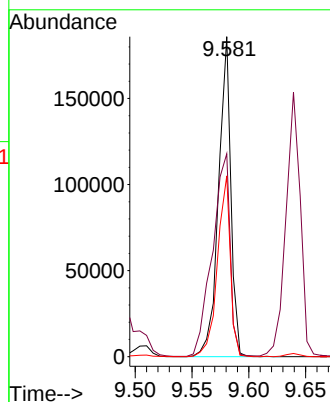
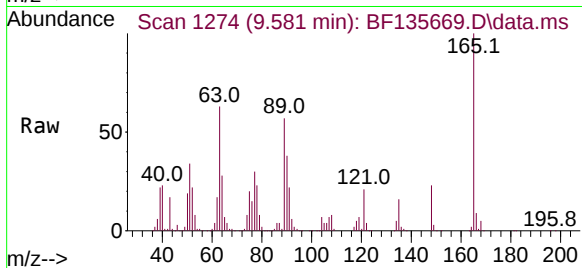
Tgt Ion:165 Resp: 140487

Ion Ratio Lower Upper

165 100

63 63.4 59.4 89.2

89 56.5 49.8 74.8



#52

Acenaphthene

Concen: 47.299 ng

RT: 9.816 min Scan# 1314

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

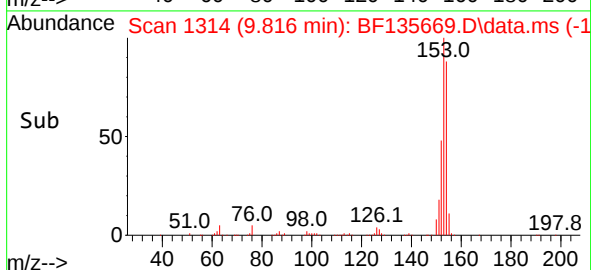
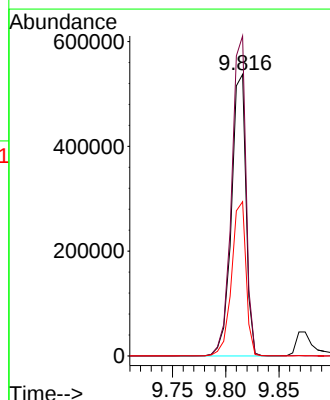
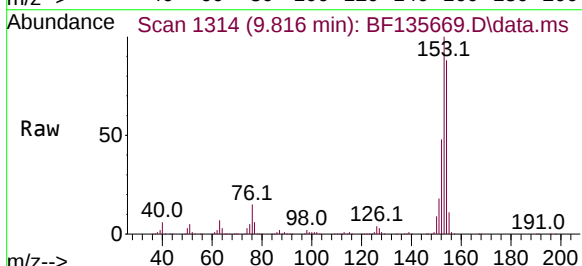
Tgt Ion:154 Resp: 514390

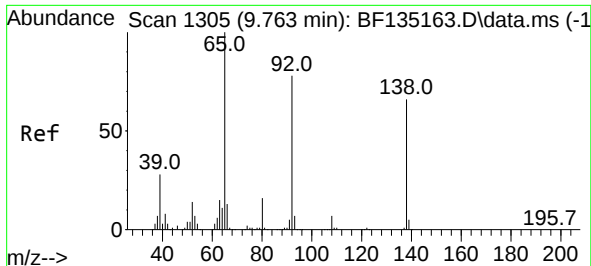
Ion Ratio Lower Upper

154 100

153 113.6 92.1 138.1

152 54.8 43.1 64.7

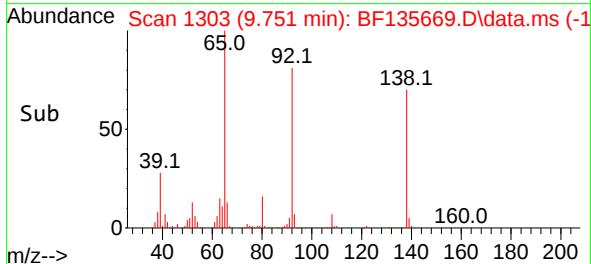
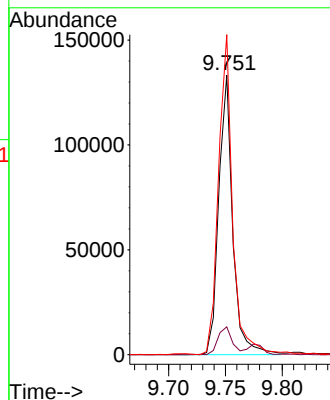
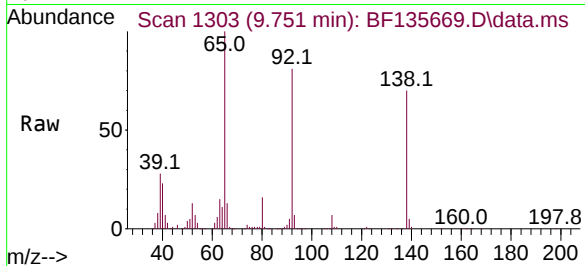




#53
3-Nitroaniline
Concen: 33.040 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

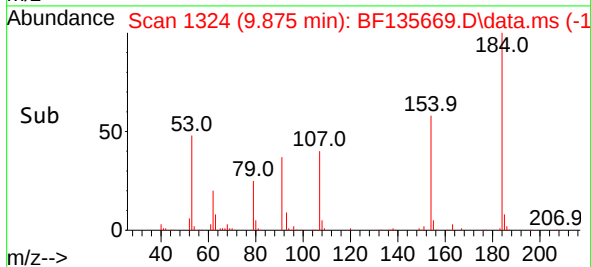
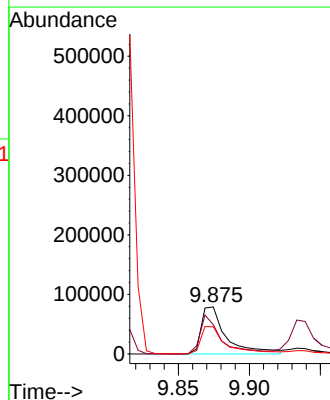
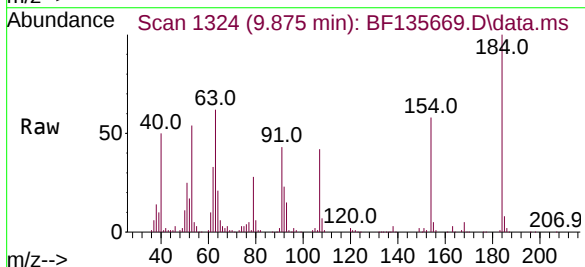
Instrument :
BNA_F
ClientSampleId :
TP-1MS

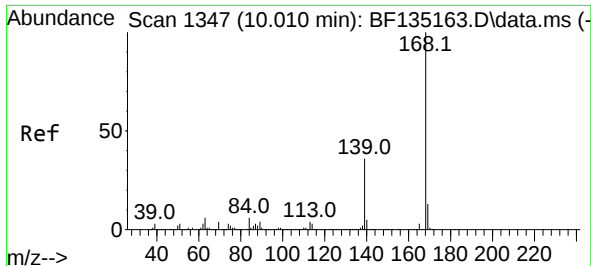
Tgt Ion:138 Resp: 114116
Ion Ratio Lower Upper
138 100
108 10.0 8.5 12.7
92 114.5 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 60.121 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:184 Resp: 97613
Ion Ratio Lower Upper
184 100
63 62.1 55.1 82.7
154 57.9 48.4 72.6

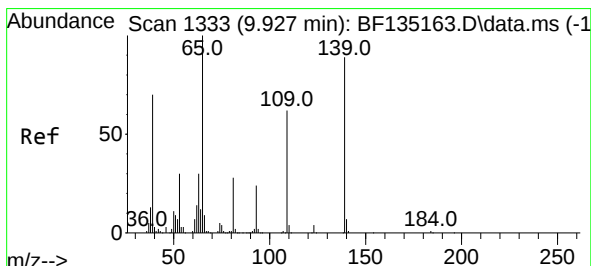
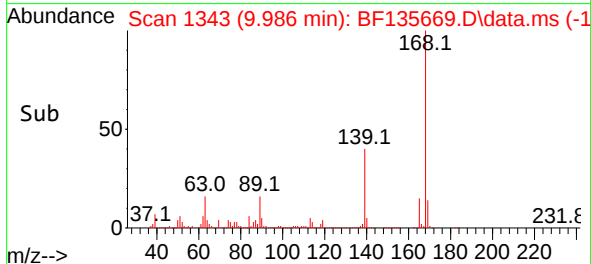
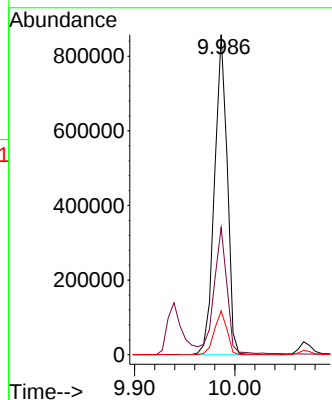
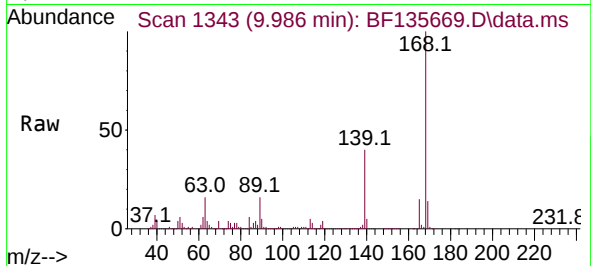




#55
Dibenzenofuran
Concen: 45.360 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

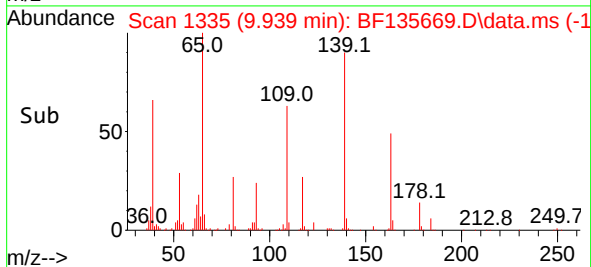
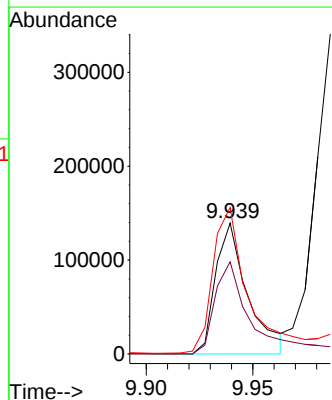
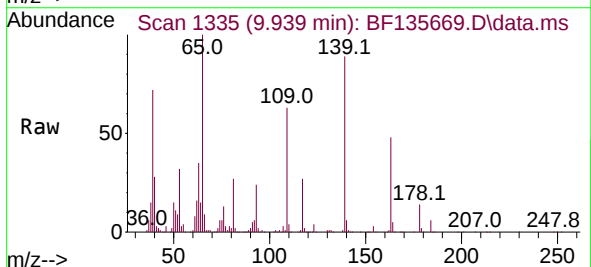
Instrument :
BNA_F
ClientSampleId :
TP-1MS

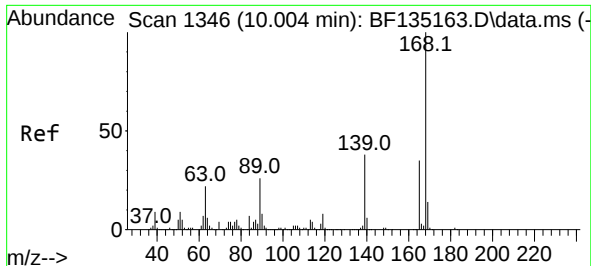
Tgt Ion:168 Resp: 752765
Ion Ratio Lower Upper
168 100
139 39.7 29.0 43.6
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 66.796 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:139 Resp: 146626
Ion Ratio Lower Upper
139 100
109 70.4 49.8 89.8
65 111.9 92.7 132.7

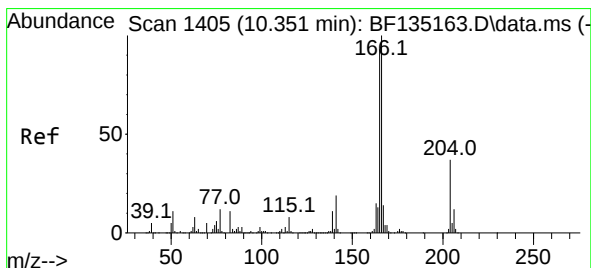
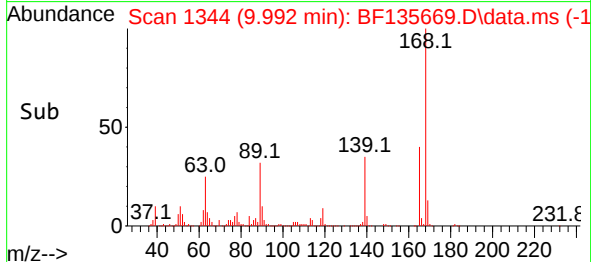
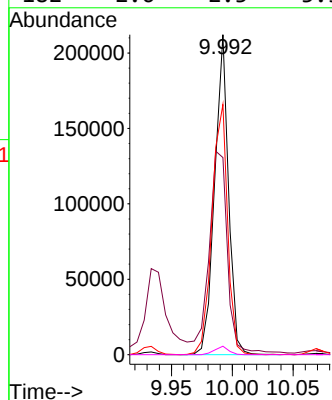
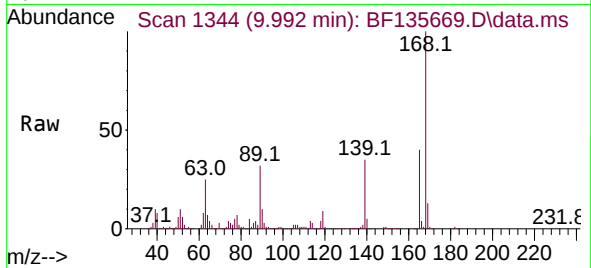




#57
2,4-Dinitrotoluene
Concen: 45.515 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

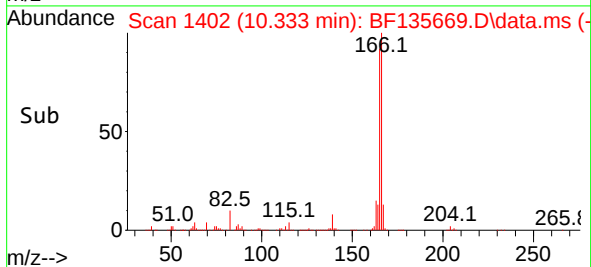
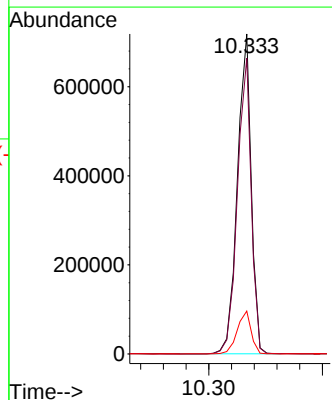
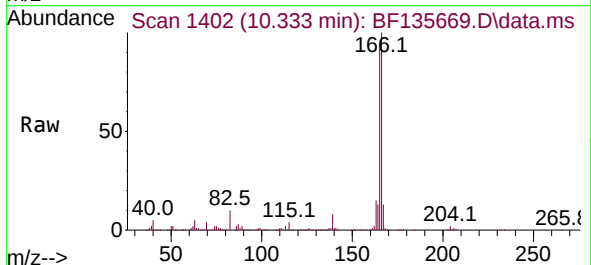
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:165 Resp: 167663
Ion Ratio Lower Upper
165 100
63 61.6 50.1 75.1
89 78.2 59.3 88.9
182 2.6 2.3 3.5



#58
Fluorene
Concen: 47.387 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:166 Resp: 604554
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.4 10.9 16.3

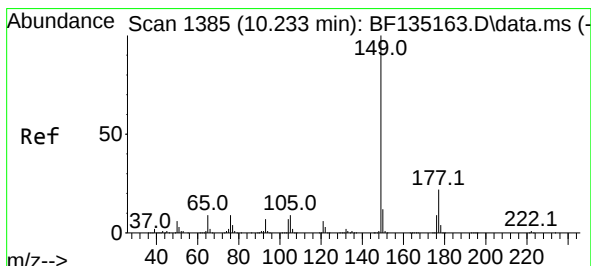
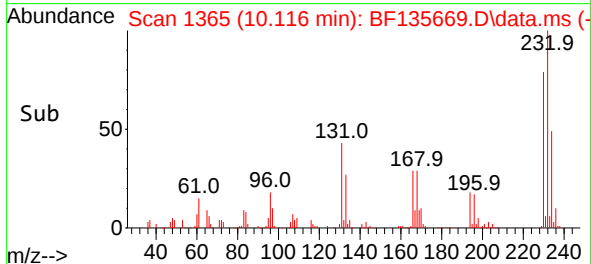
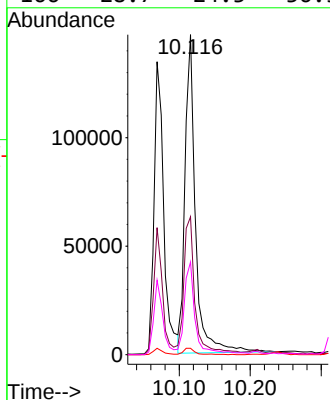
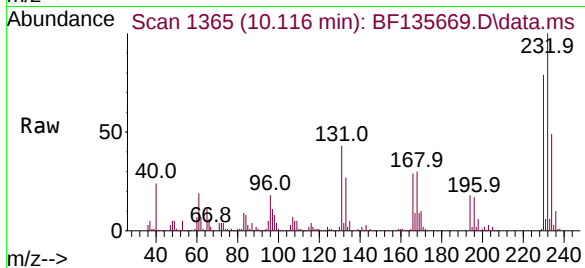




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.564 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

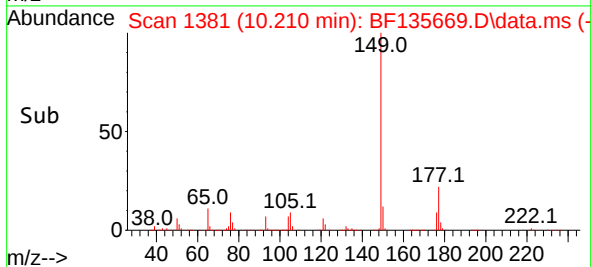
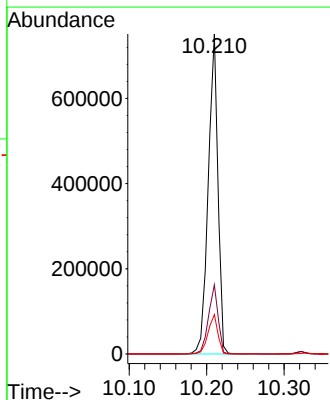
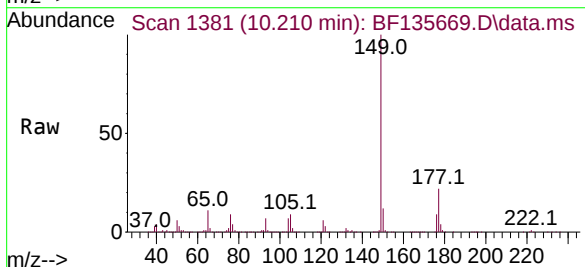
Instrument :
BNA_F
ClientSampleId :
TP-1MS

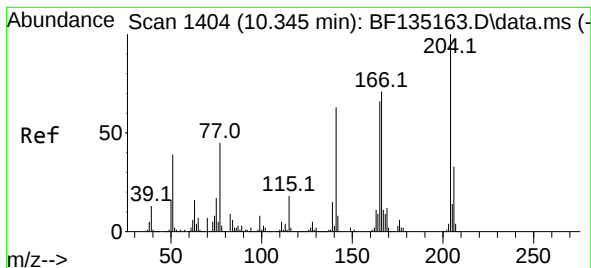
Tgt Ion:232 Resp: 148765
Ion Ratio Lower Upper
232 100
131 44.8 35.4 53.2
130 2.4 1.8 2.8
166 28.7 24.3 36.5



#60
Diethylphthalate
Concen: 48.338 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:149 Resp: 651583
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.3 10.0 15.0

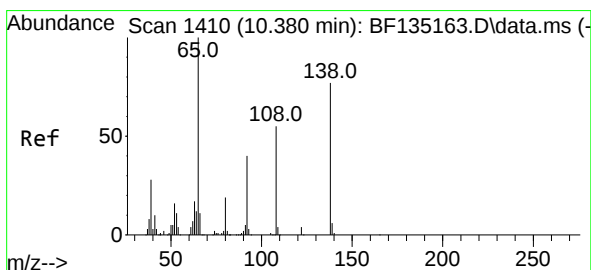
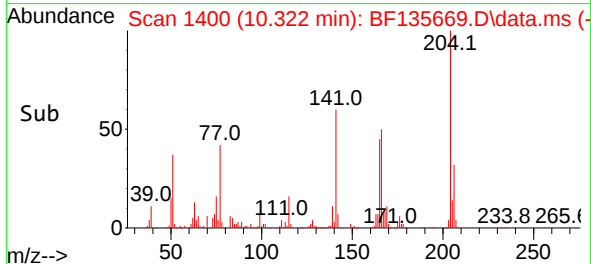
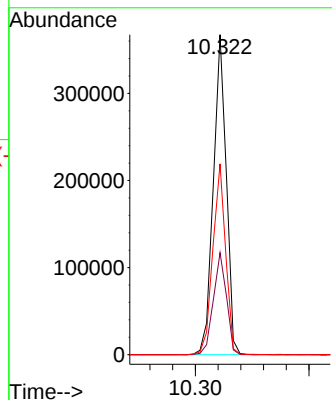
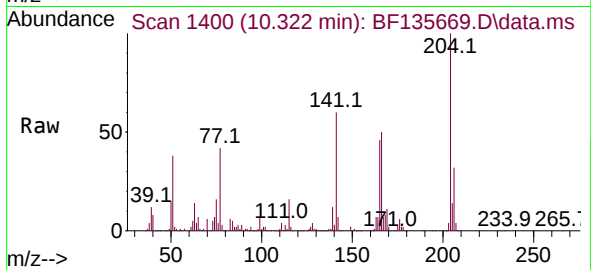




#61
4-Chlorophenyl-phenylether
Concen: 47.276 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

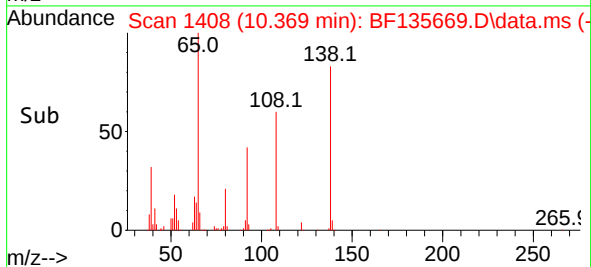
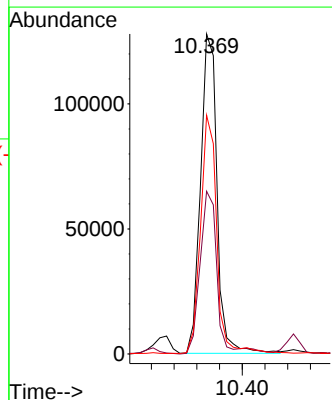
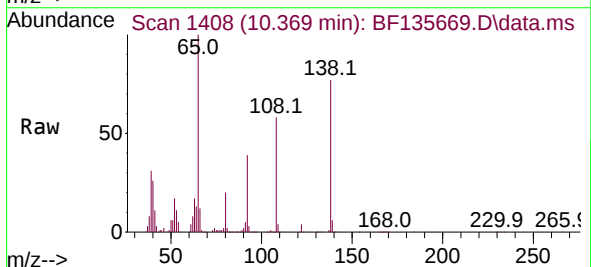
Instrument :
BNA_F
ClientSampleId :
TP-1MS

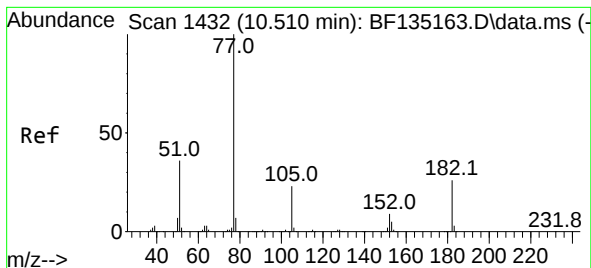
Tgt Ion:204 Resp: 289728
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 59.7 50.6 75.8



#62
4-Nitroaniline
Concen: 38.813 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:138 Resp: 128860
Ion Ratio Lower Upper
138 100
92 50.9 31.8 71.8
108 74.6 52.0 92.0





#63

Azobenzene

Concen: 46.692 ng

RT: 10.486 min Scan# 1432

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 77 Resp: 615986

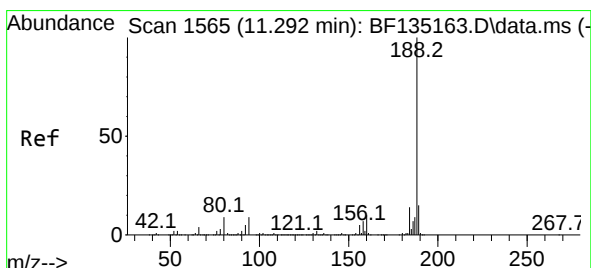
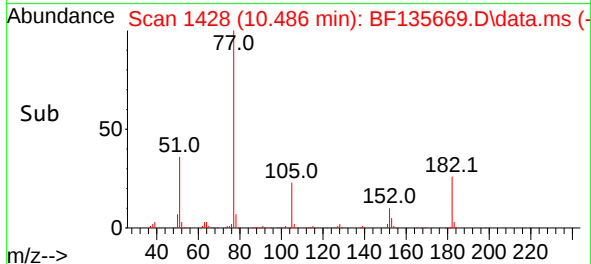
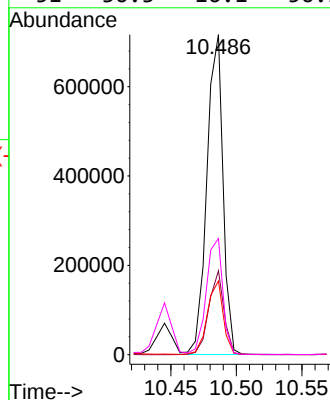
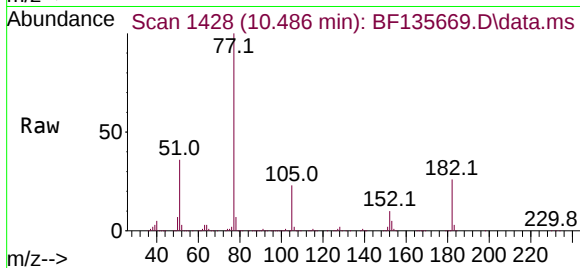
Ion Ratio Lower Upper

77 100

182 26.3 6.4 46.4

105 23.1 3.1 43.1

51 36.3 16.1 56.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1562

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

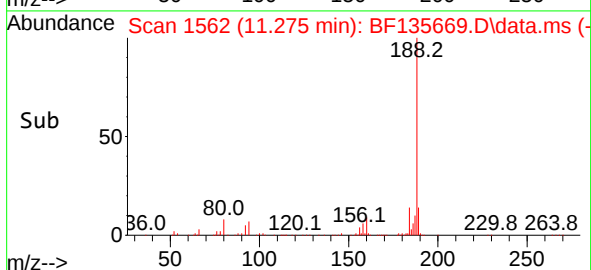
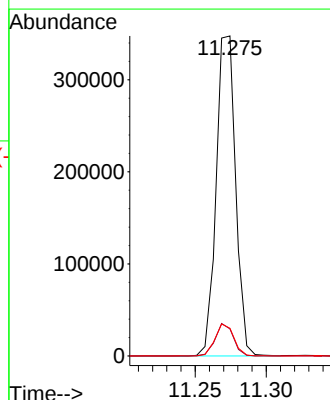
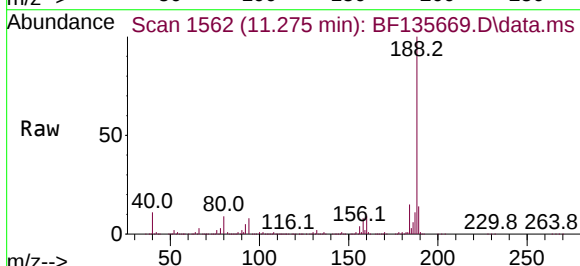
Tgt Ion:188 Resp: 330910

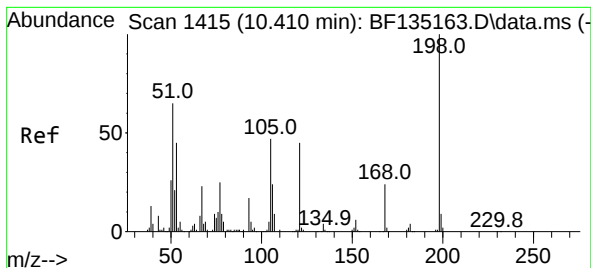
Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

80 8.7 7.5 11.3

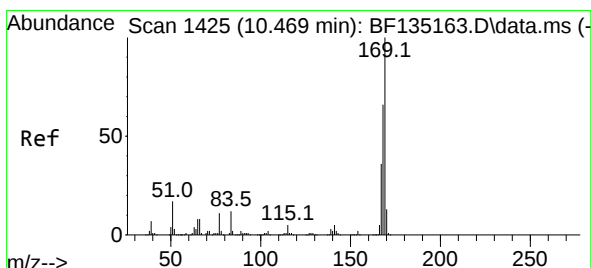
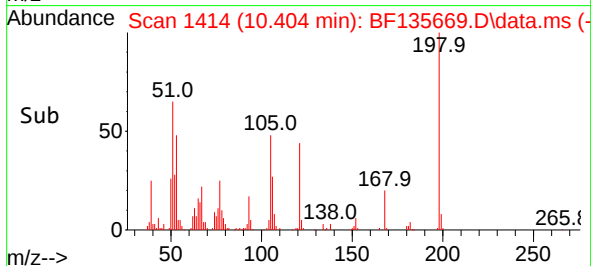
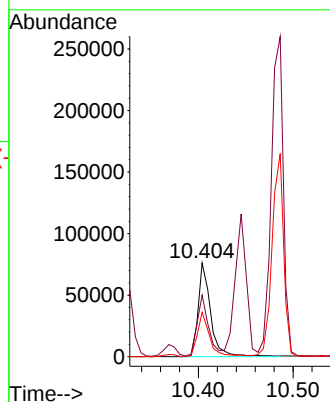
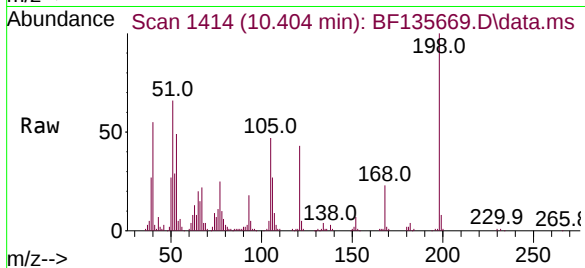




#65
4,6-Dinitro-2-methylphenol
Concen: 39.871 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

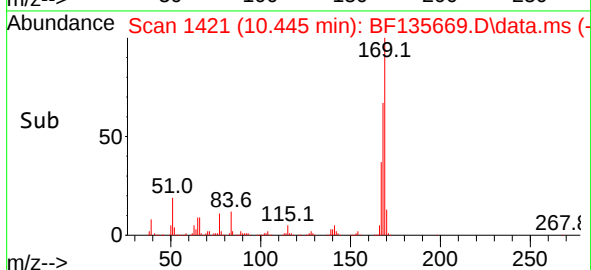
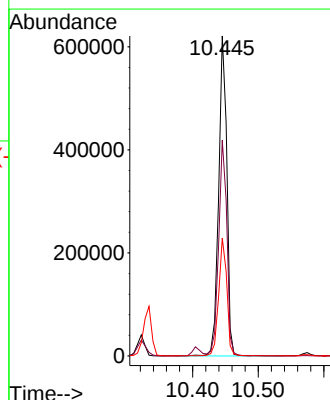
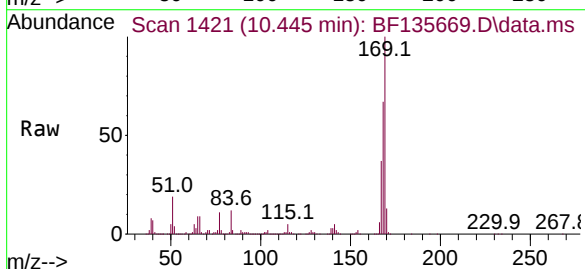
Instrument :
BNA_F
ClientSampleId :
TP-1MS

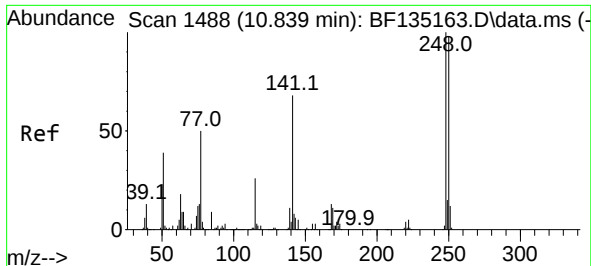
Tgt Ion:198 Resp: 70076
Ion Ratio Lower Upper
198 100
51 65.7 47.7 87.7
105 47.4 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 53.549 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:169 Resp: 536460
Ion Ratio Lower Upper
169 100
168 67.4 52.8 79.2
167 36.9 29.0 43.6

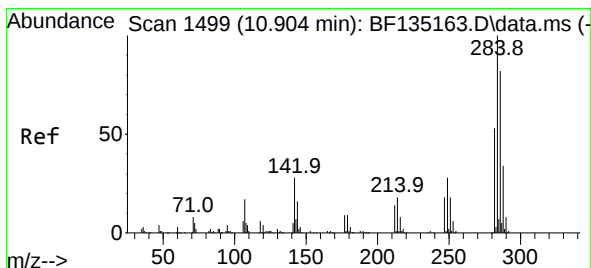
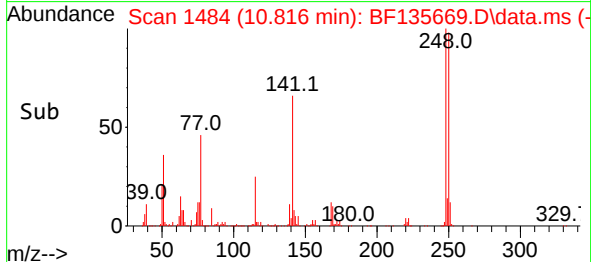
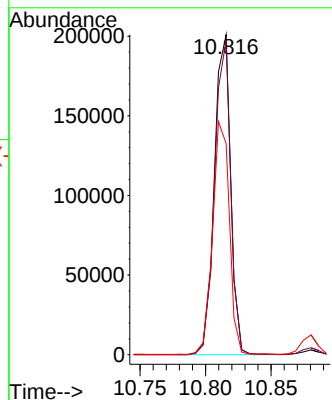
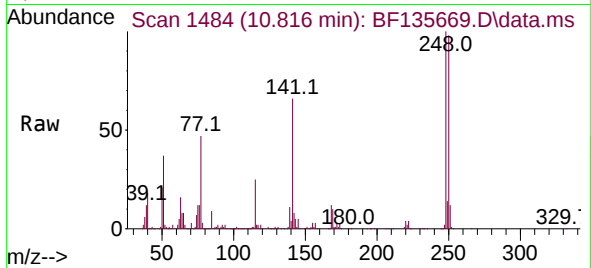




#67
4-Bromophenyl-phenylether
Concen: 52.673 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

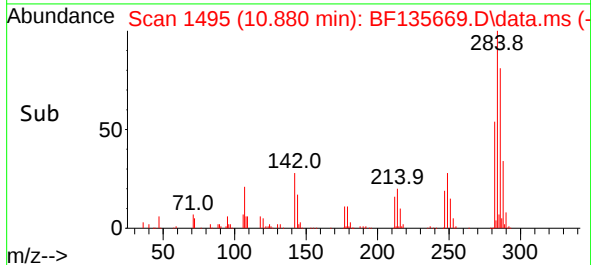
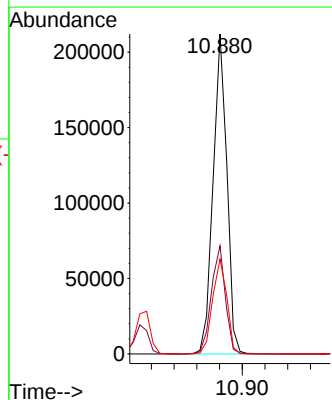
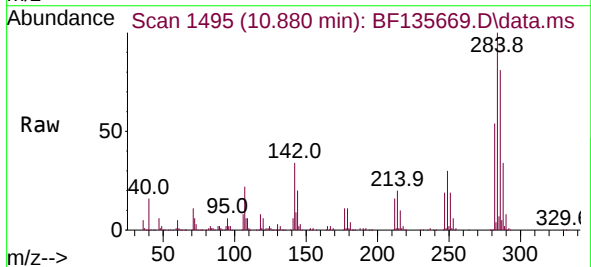
Instrument :
BNA_F
ClientSampleId :
TP-1MS

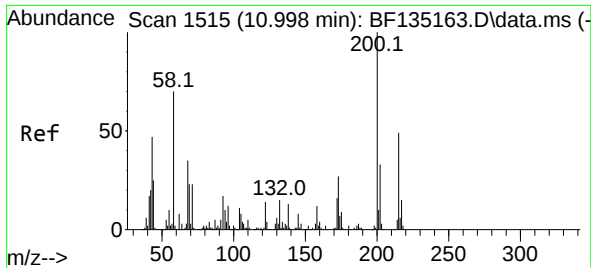
Tgt Ion:248 Resp: 173353
Ion Ratio Lower Upper
248 100
250 98.3 78.6 117.8
141 66.0 54.2 81.2



#68
Hexachlorobenzene
Concen: 53.071 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:284 Resp: 177942
Ion Ratio Lower Upper
284 100
142 33.8 22.2 33.4#
249 29.6 22.5 33.7

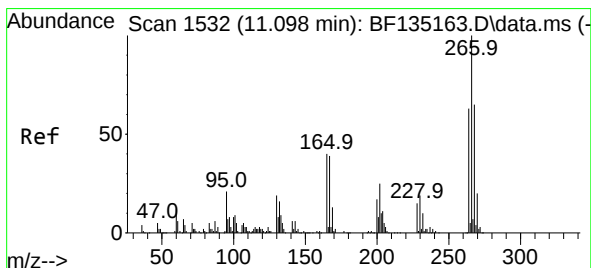
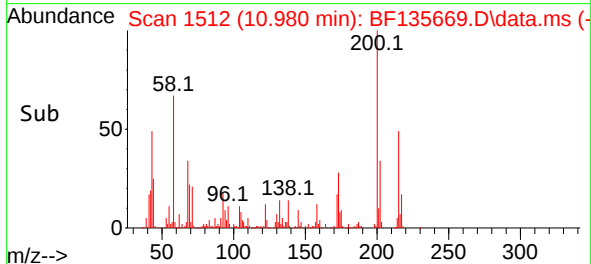
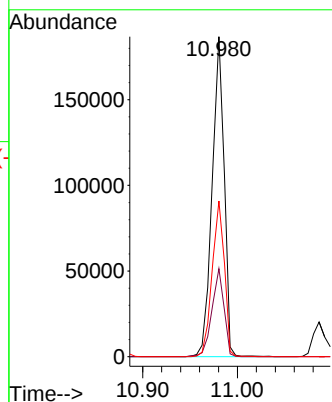
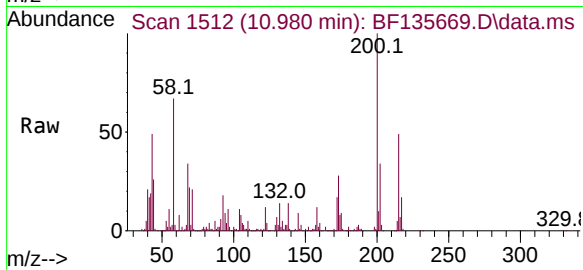




#69
 Atrazine
 Concen: 60.965 ng
 RT: 10.980 min Scan# 1512
 Delta R.T. 0.006 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

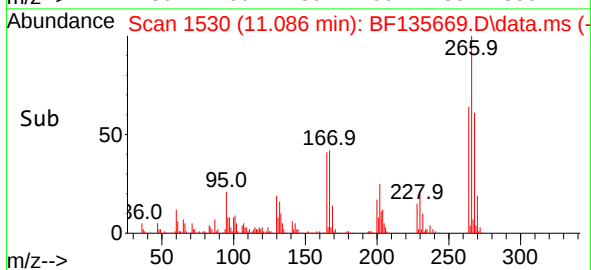
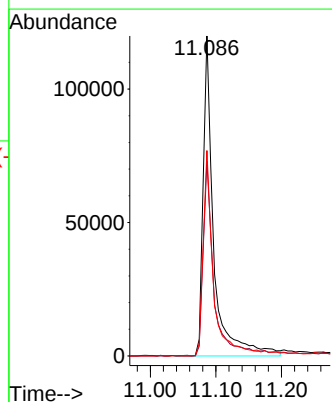
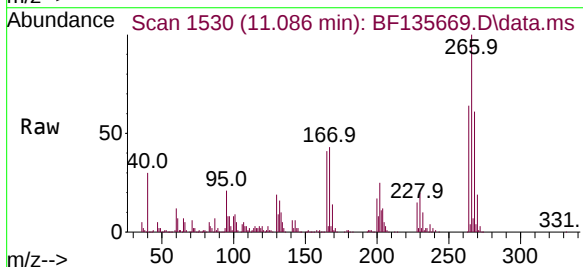
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

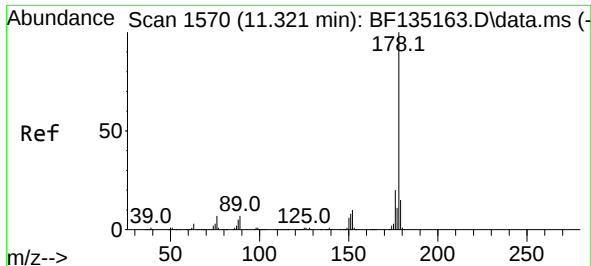
Tgt Ion:200 Resp: 164339
 Ion Ratio Lower Upper
 200 100
 173 27.5 7.4 47.4
 215 48.7 28.6 68.6



#70
 Pentachlorophenol
 Concen: 67.445 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.006 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

Tgt Ion:266 Resp: 135297
 Ion Ratio Lower Upper
 266 100
 268 60.9 52.1 78.1
 264 64.2 50.8 76.2

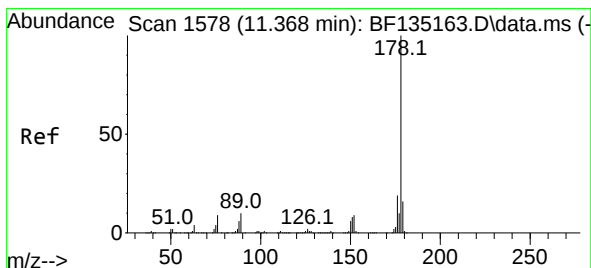
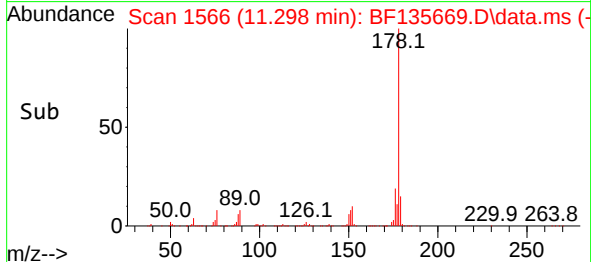
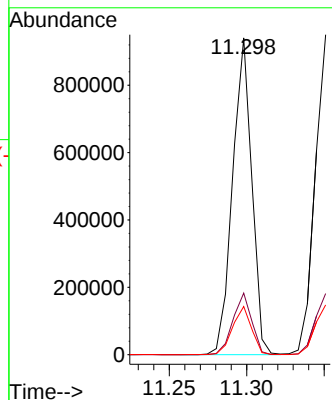
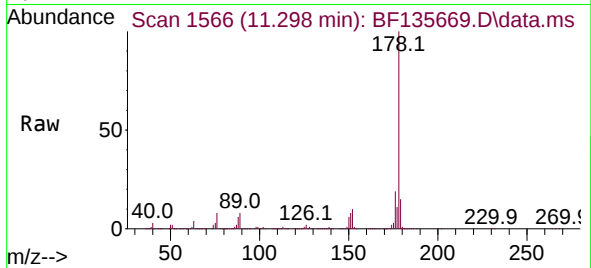




#71
Phenanthrene
Concen: 51.681 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

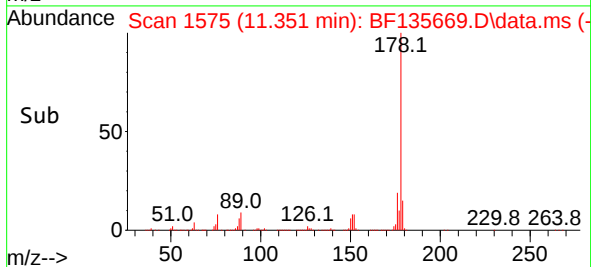
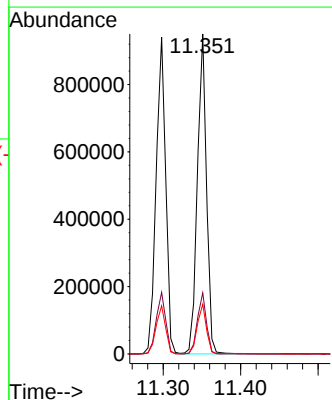
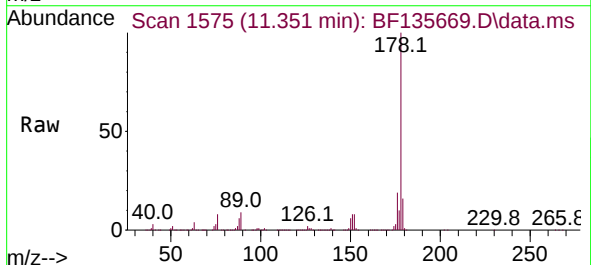
Instrument :
BNA_F
ClientSampleId :
TP-1MS

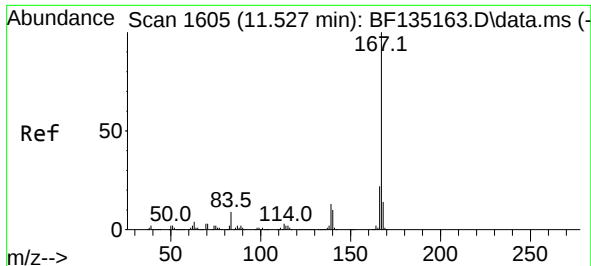
Tgt Ion:178 Resp: 808835
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.2 12.0 18.0



#72
Anthracene
Concen: 48.408 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:178 Resp: 778748
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.5 12.6 19.0

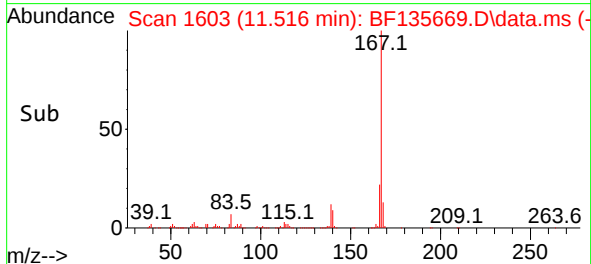
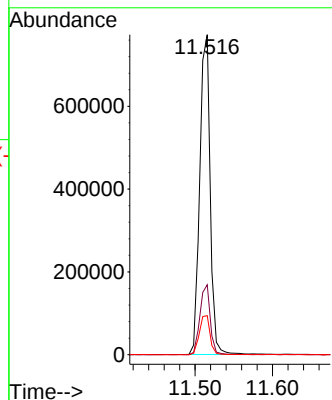
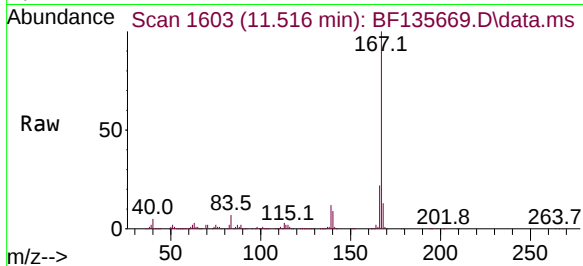




#73
Carbazole
Concen: 49.329 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

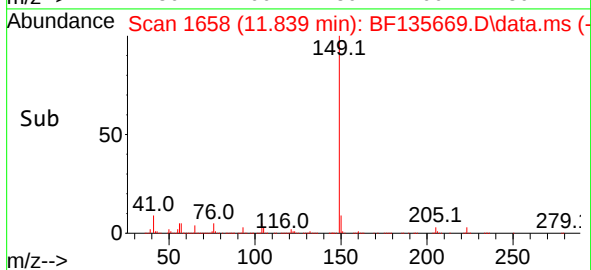
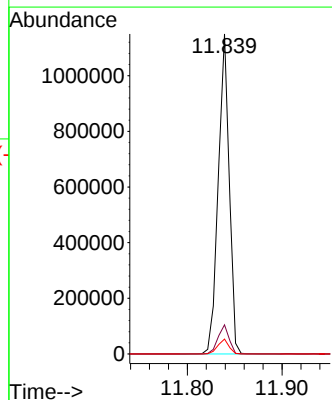
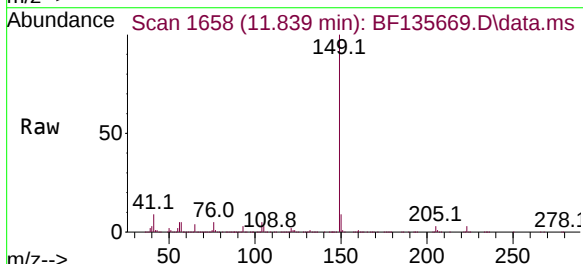
Instrument :
BNA_F
ClientSampleId :
TP-1MS

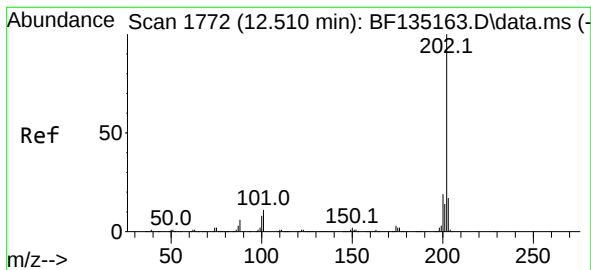
Tgt Ion:167 Resp: 722394
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.0
139 12.2 10.6 15.8



#74
Di-n-butylphthalate
Concen: 53.430 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:149 Resp: 922005
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 50.236 ng

RT: 12.492 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

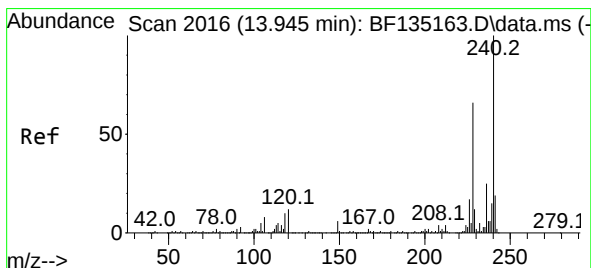
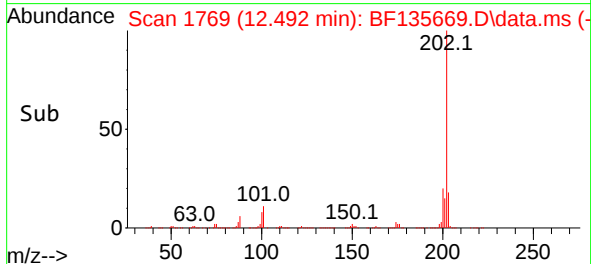
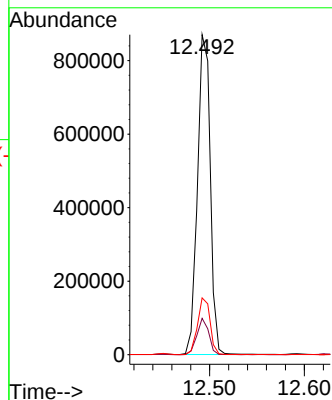
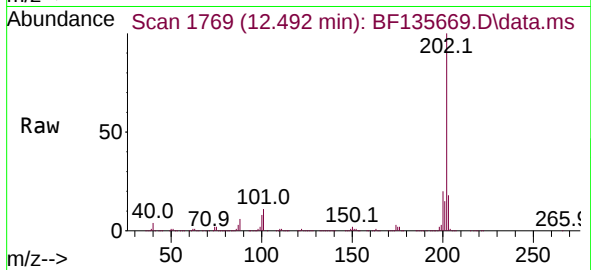
Tgt Ion:202 Resp: 819234

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.3

203 17.8 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

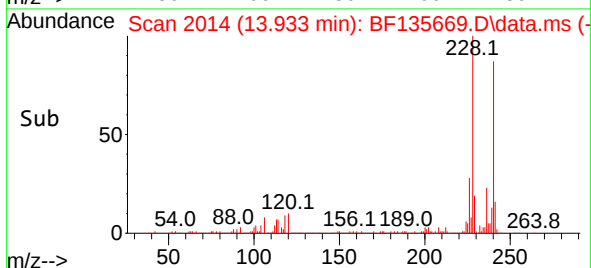
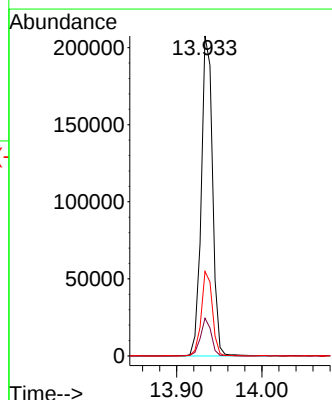
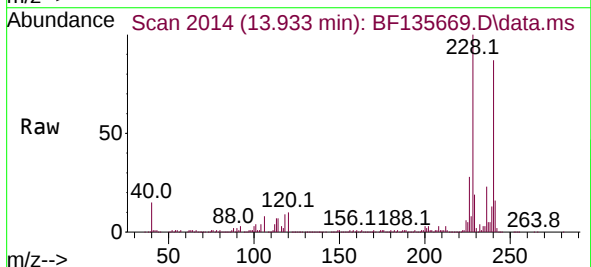
Tgt Ion:240 Resp: 191353

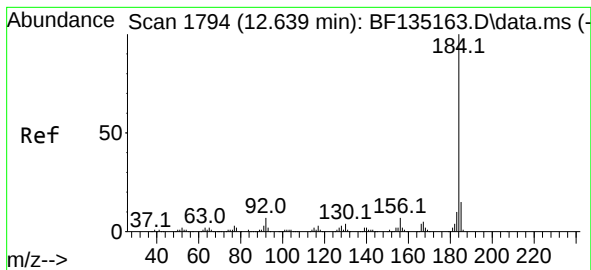
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 26.4 19.8 29.8





#77

Benzidine

Concen: 78.964 ng

RT: 12.621 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

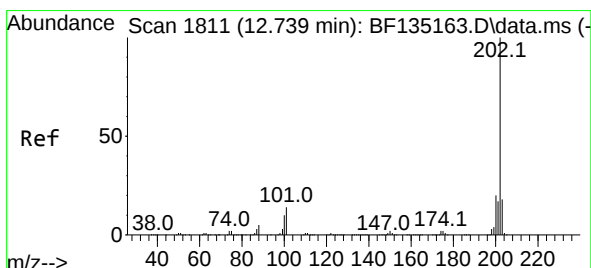
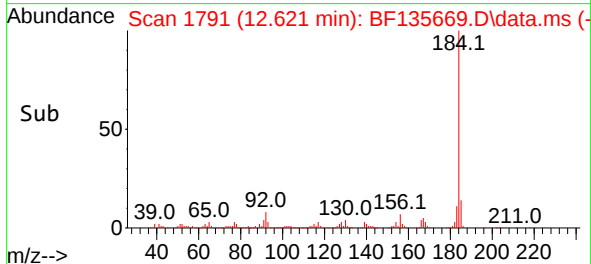
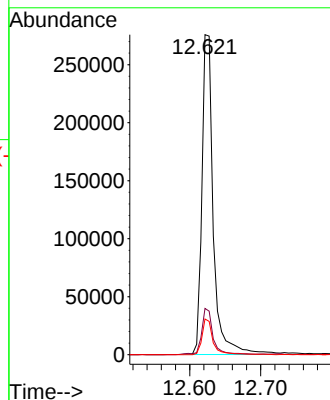
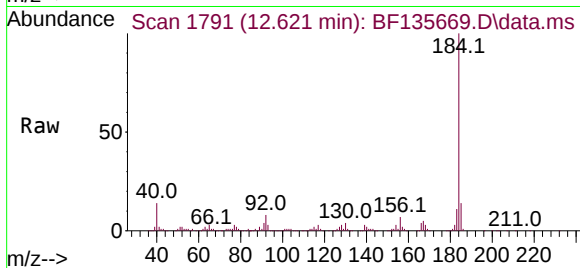
Tgt Ion:184 Resp: 309557

Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

183 11.2 8.2 12.4



#78

Pyrene

Concen: 44.008 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.012 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

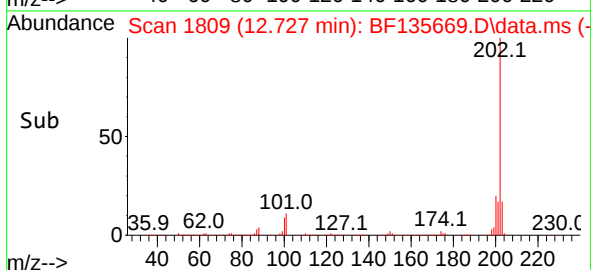
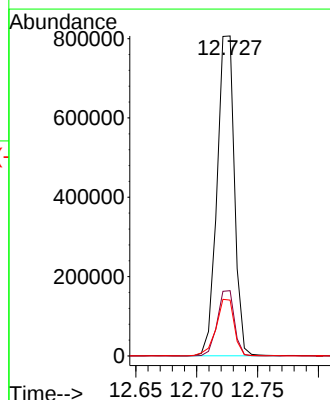
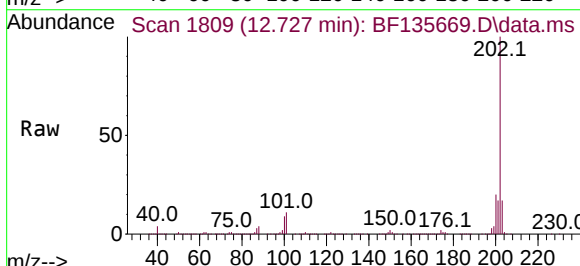
Tgt Ion:202 Resp: 801741

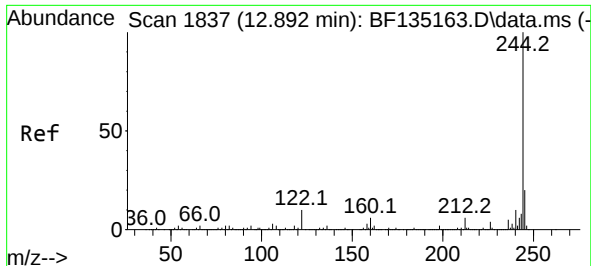
Ion Ratio Lower Upper

202 100

200 20.4 16.2 24.2

203 17.5 14.2 21.4

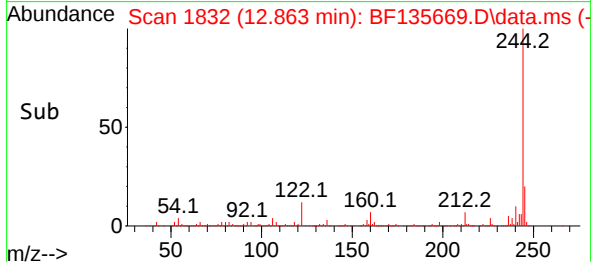
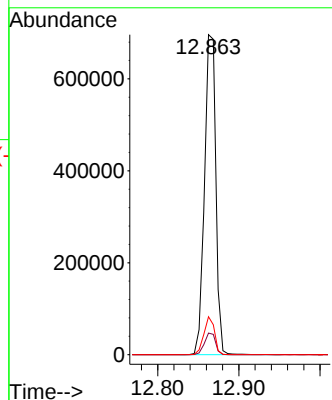
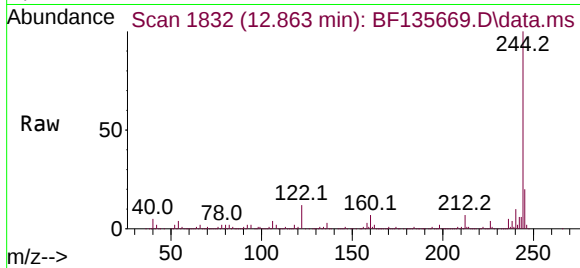




#79
 Terphenyl-d14
 Concen: 54.576 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. 0.000 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

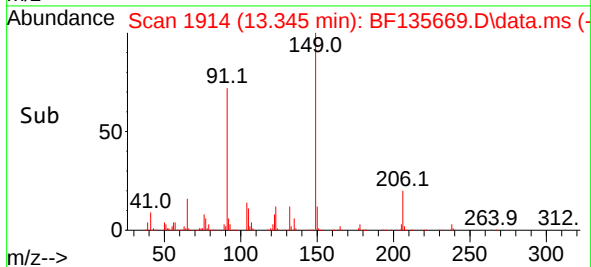
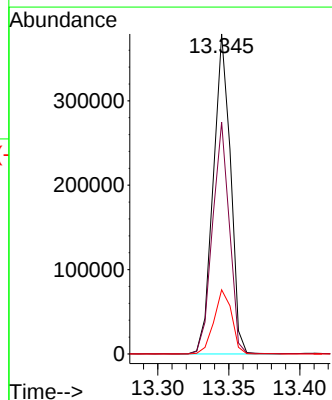
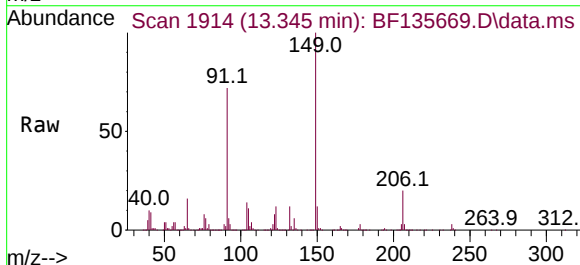
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

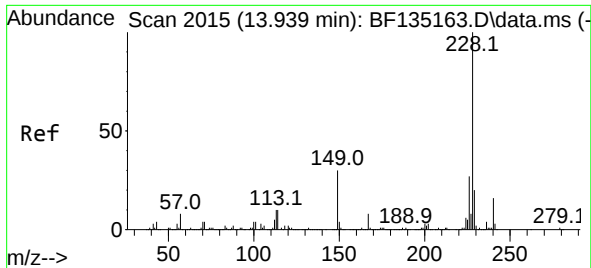
Tgt Ion:244 Resp: 673671
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.9 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 49.939 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135669.D
 Acq: 10 Oct 2023 00:45

Tgt Ion:149 Resp: 320324
 Ion Ratio Lower Upper
 149 100
 91 72.5 54.7 82.1
 206 20.1 16.3 24.5

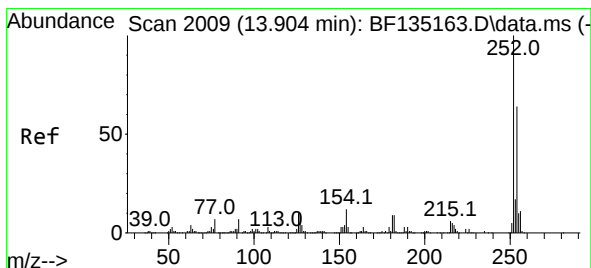
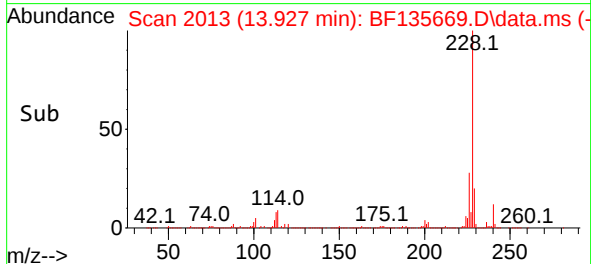
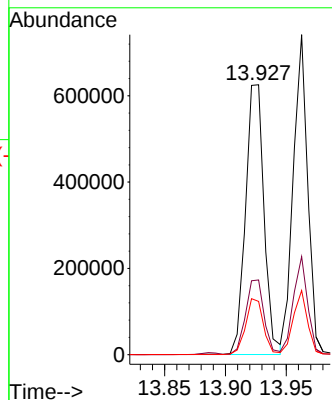
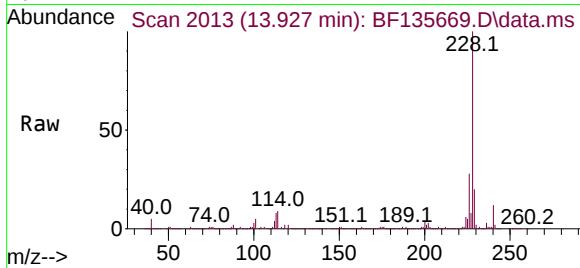




#81
Benzo(a)anthracene
Concen: 53.658 ng
RT: 13.927 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

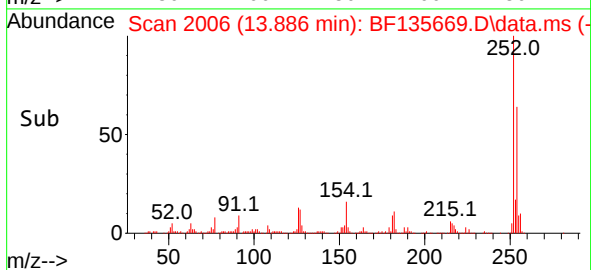
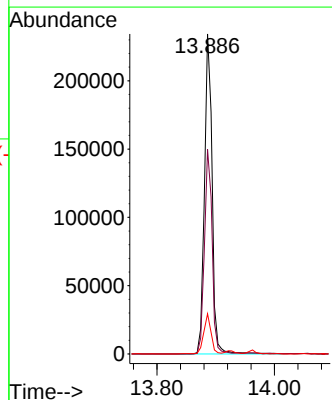
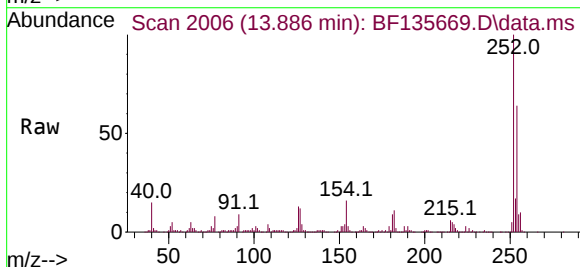
Instrument :
BNA_F
ClientSampleId :
TP-1MS

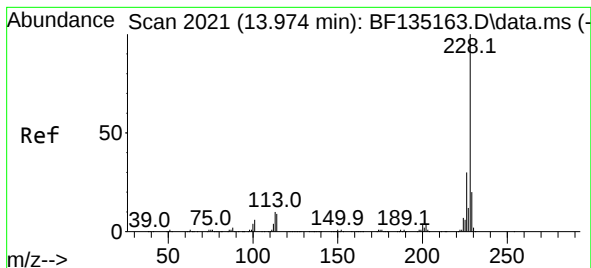
Tgt Ion:228 Resp: 663013
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 54.445 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:252 Resp: 210130
Ion Ratio Lower Upper
252 100
254 63.9 51.0 76.4
126 12.6 7.8 11.8#





#83

Chrysene

Concen: 49.896 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.012 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

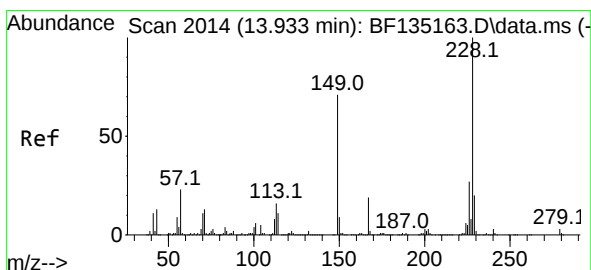
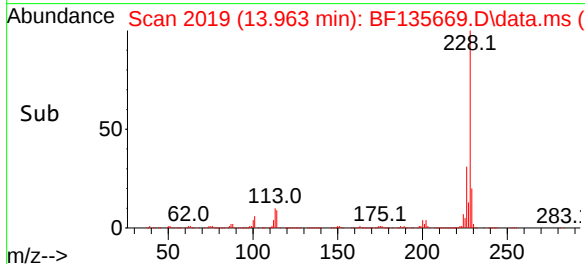
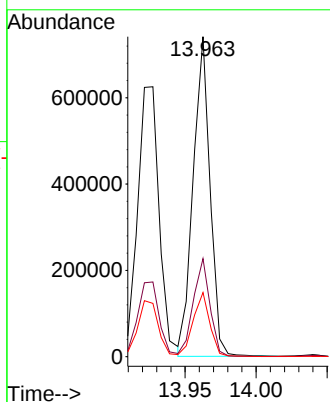
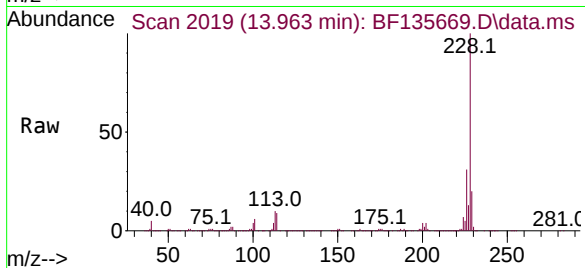
Tgt Ion:228 Resp: 612964

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.136 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

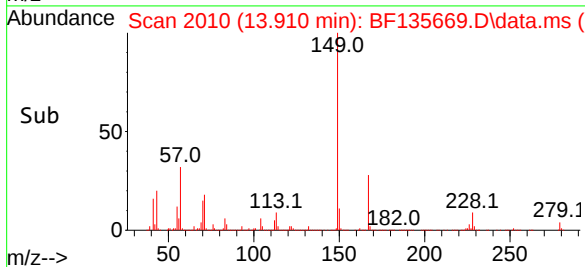
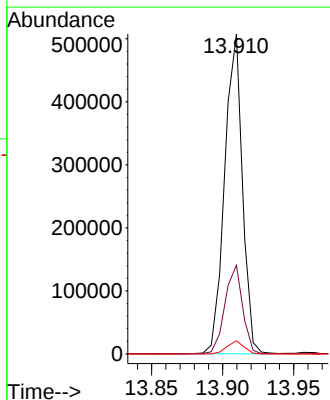
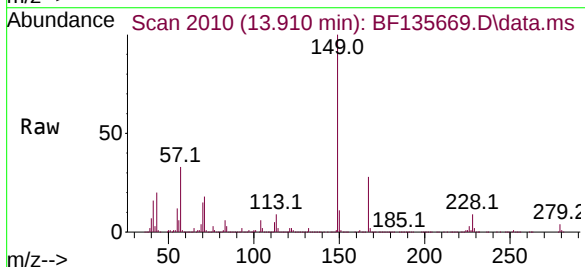
Tgt Ion:149 Resp: 441908

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 70.144 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

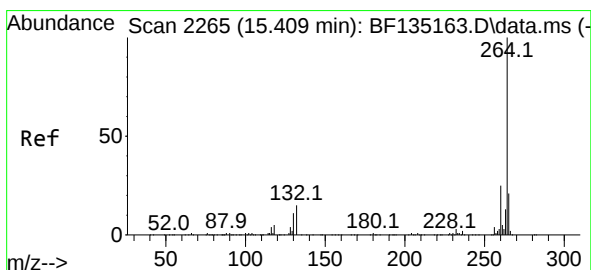
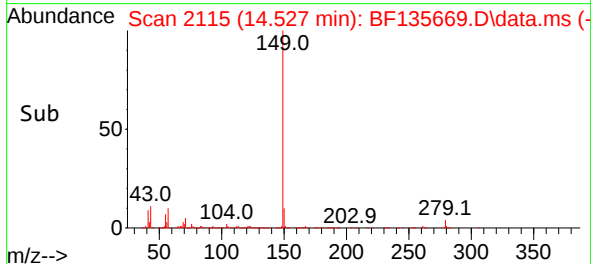
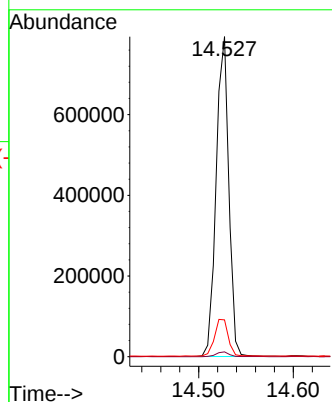
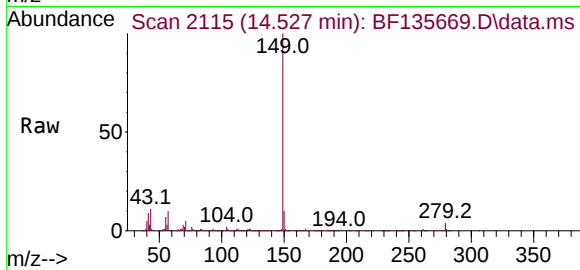
Tgt Ion:149 Resp: 733734

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 12.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

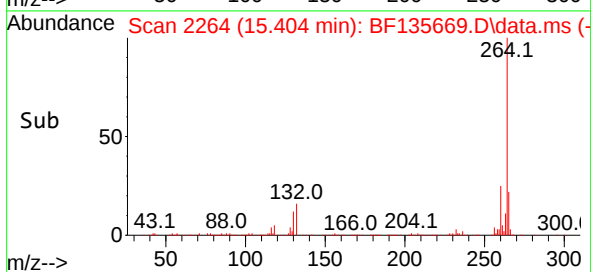
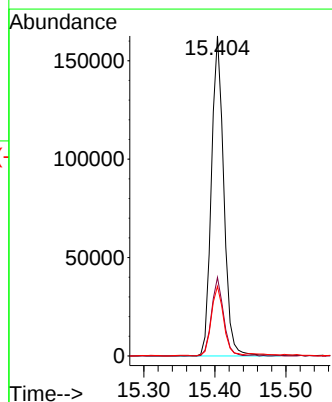
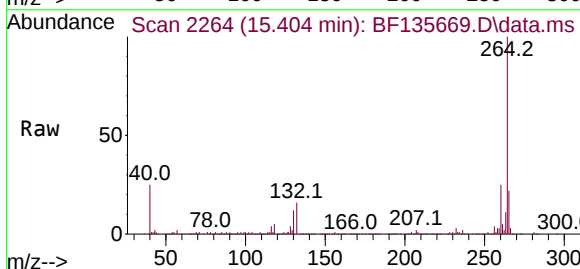
Tgt Ion:264 Resp: 197189

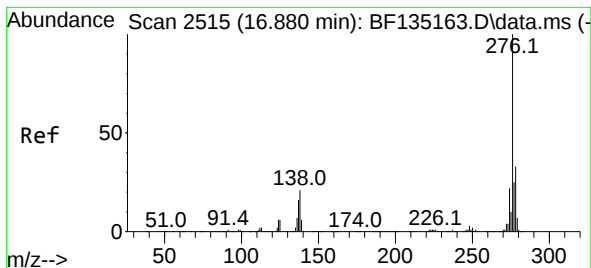
Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.6

265 21.8 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.020 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.030 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

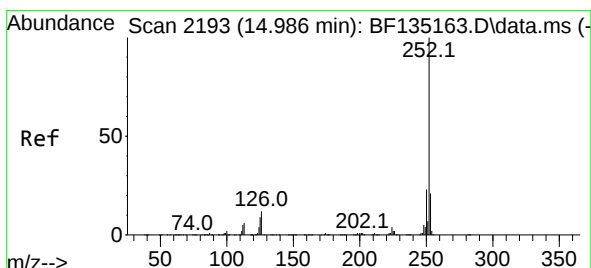
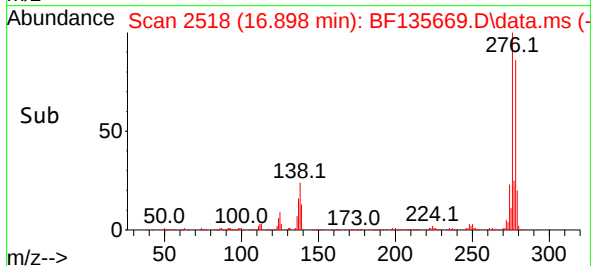
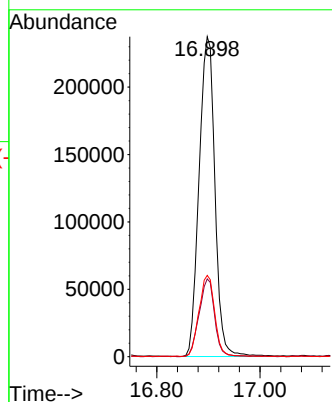
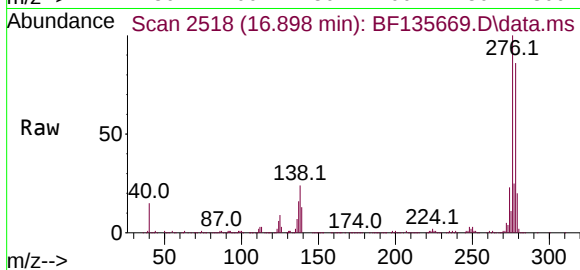
Tgt Ion:276 Resp: 504487

Ion Ratio Lower Upper

276 100

138 23.8 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 57.354 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.018 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

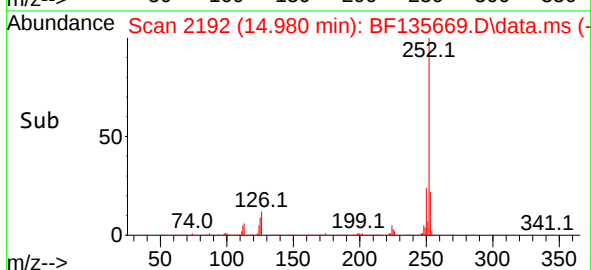
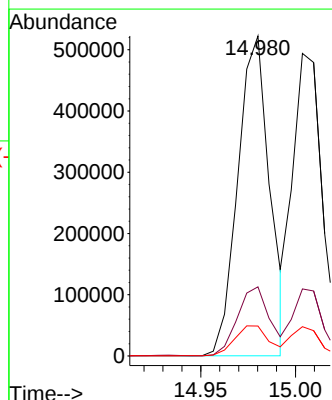
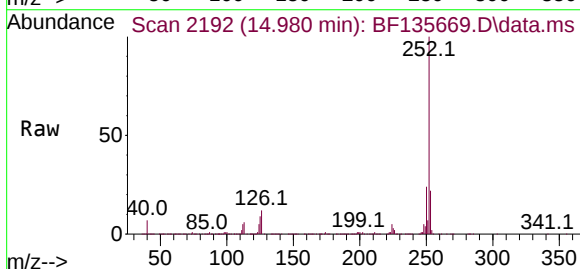
Tgt Ion:252 Resp: 612227

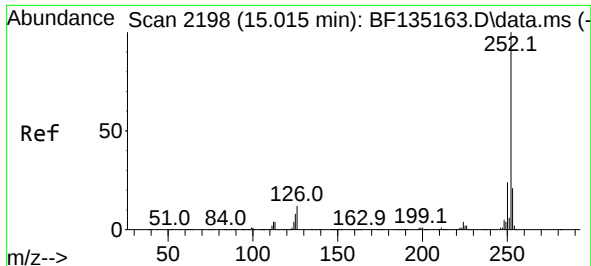
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 9.4 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 50.226 ng

RT: 15.004 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

Instrument :

BNA_F

ClientSampleId :

TP-1MS

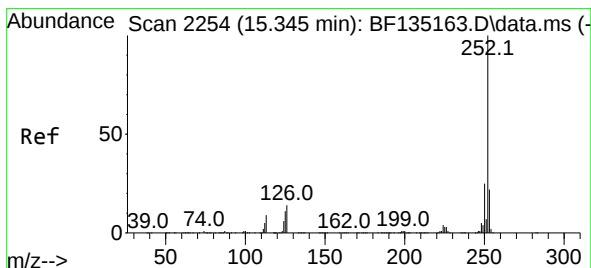
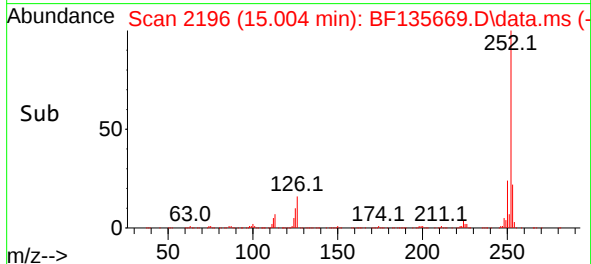
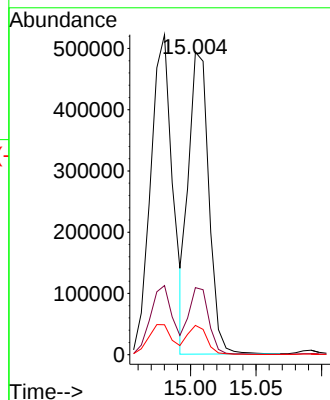
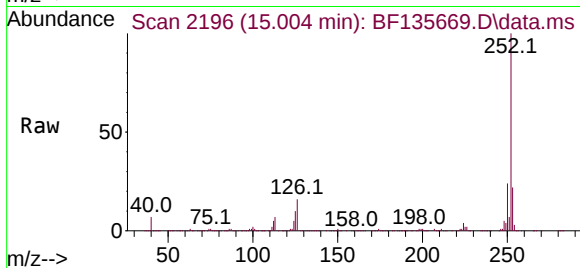
Tgt Ion:252 Resp: 529614

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

125 9.7 7.2 10.8



#90

Benzo(a)pyrene

Concen: 49.282 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF135669.D

Acq: 10 Oct 2023 00:45

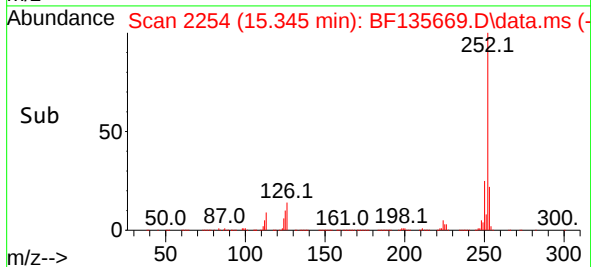
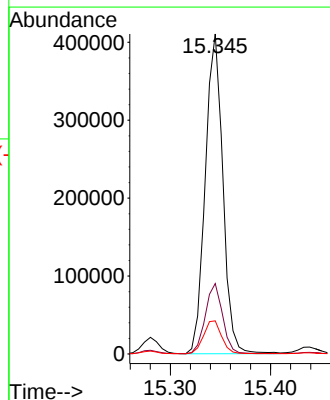
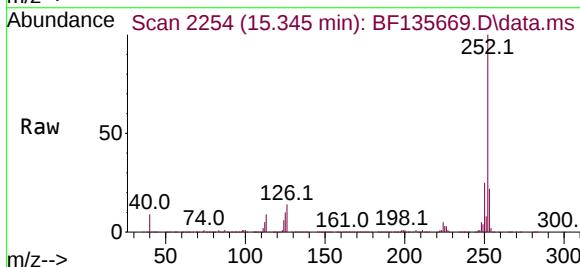
Tgt Ion:252 Resp: 501673

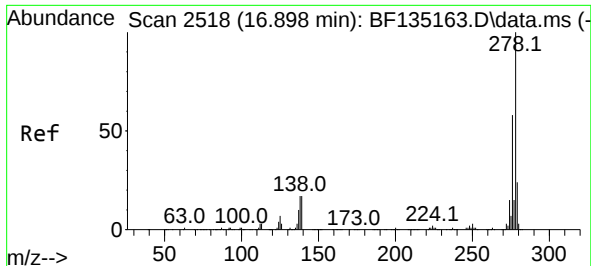
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.4 9.2 13.8

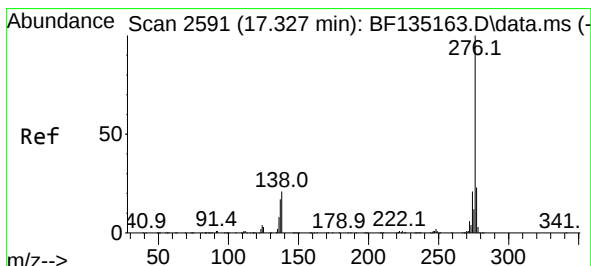
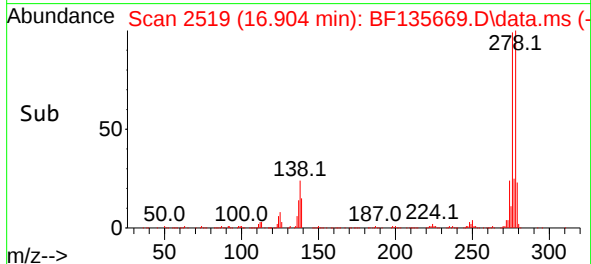
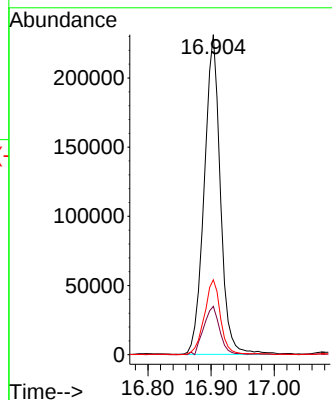
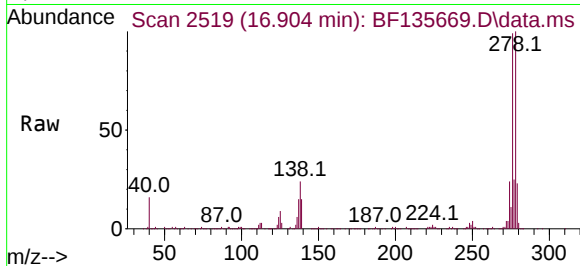




#91
Dibenzo(a,h)anthracene
Concen: 38.720 ng
RT: 16.904 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:278 Resp: 409608
Ion Ratio Lower Upper
278 100
139 15.1 13.4 20.0
279 23.4 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 35.764 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.030 min
Lab File: BF135669.D
Acq: 10 Oct 2023 00:45

Tgt Ion:276 Resp: 395119
Ion Ratio Lower Upper
276 100
277 24.9 18.8 28.2
138 20.5 16.9 25.3

