

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135670.D
 Acq On : 10 Oct 2023 01:16
 Operator : CG\JU
 Sample : 04609-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Oct 10 02:32:22 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	115765	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	430568	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	203369	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	346248	20.000	ng	0.00
76) Chrysene-d12	13.933	240	196747	20.000	ng	0.00
86) Perylene-d12	15.404	264	204196	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	645821	90.735	ng	0.01
7) Phenol-d6	6.398	99	796102	87.962	ng	0.01
23) Nitrobenzene-d5	7.310	82	513826	64.835	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	178495	88.320	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	899500	66.731	ng	0.00
79) Terphenyl-d14	12.868	244	704463	55.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	151981	48.708	ng	99
3) Pyridine	3.269	79	340181	40.509	ng	97
4) n-Nitrosodimethylamine	3.246	42	230120	51.639	ng	93
6) Aniline	6.410	93	374744	31.575	ng	# 9
8) 2-Chlorophenol	6.534	128	374886	49.339	ng	95
9) Benzaldehyde	6.298	77	185417	35.962	ng	99
10) Phenol	6.410	94	443366	44.675	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	361702	48.588	ng	98
12) 1,3-Dichlorobenzene	6.681	146	378605	49.030	ng	98
13) 1,4-Dichlorobenzene	6.757	146	385309	49.045	ng	99
14) 1,2-Dichlorobenzene	6.904	146	356183	48.820	ng	99
15) Benzyl Alcohol	6.892	79	307600	47.363	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	647712	46.160	ng	50
17) 2-Methylphenol	7.010	107	289377	43.158	ng	# 91
18) Hexachloroethane	7.239	117	144140	49.655	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	250583	44.700	ng	95
20) 3+4-Methylphenols	7.169	107	367000	45.519	ng	# 67
22) Acetophenone	7.157	105	504796	51.280	ng	94
24) Nitrobenzene	7.328	77	392440	50.100	ng	99
25) Isophorone	7.569	82	715565	49.171	ng	100
26) 2-Nitrophenol	7.645	139	197343	52.492	ng	97
27) 2,4-Dimethylphenol	7.686	122	283718	44.897	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	432482	49.652	ng	100
29) 2,4-Dichlorophenol	7.892	162	306605	52.361	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	307139	50.183	ng	99
31) Naphthalene	8.039	128	1030470	49.258	ng	98
32) Benzoic acid	7.851	122	214500	45.078	ng	94
33) 4-Chloroaniline	8.098	127	217953	23.746	ng	97
34) Hexachlorobutadiene	8.151	225	184832	50.084	ng	99
35) Caprolactam	8.486	113	69346	35.287	ng	95
36) 4-Chloro-3-methylphenol	8.604	107	320801	49.293	ng	96
37) 2-Methylnaphthalene	8.733	142	632951	45.010	ng	98
38) 1-Methylnaphthalene	8.833	142	608792	46.241	ng	97
40) 1,2,4,5-Tetrachloroben...	8.904	216	310888	52.766	ng	99
41) Hexachlorocyclopentadiene	8.880	237	72426	32.707	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	199109	51.615	ng	98

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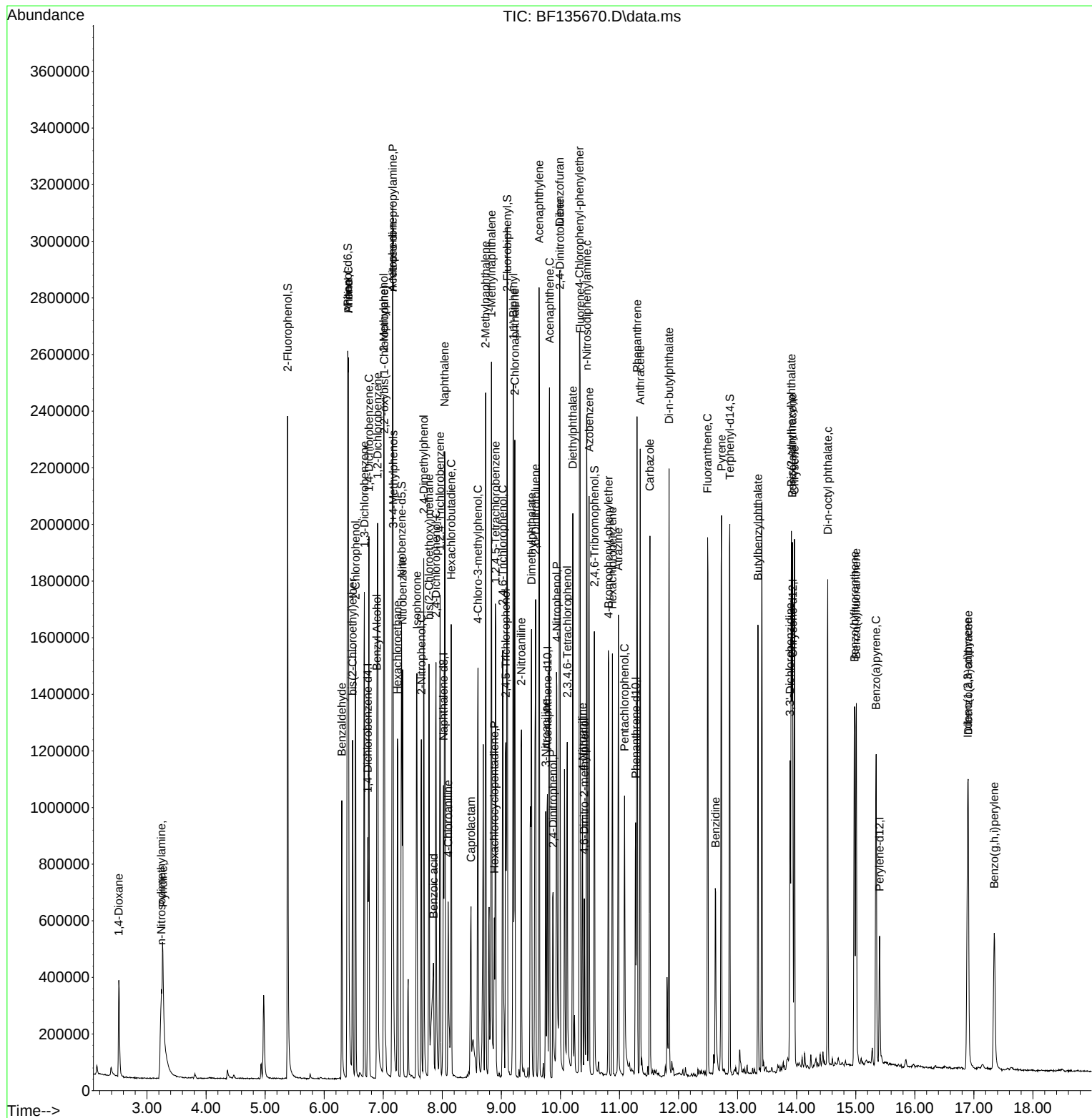
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	211028	47.503	ng	98
46) 1,1'-Biphenyl	9.204	154	808745	51.748	ng	98
47) 2-Chloronaphthalene	9.227	162	588799	51.925	ng	97
48) 2-Nitroaniline	9.339	65	226210	51.349	ng	95
49) Acenaphthylene	9.639	152	948826	50.348	ng	99
50) Dimethylphthalate	9.510	163	699614	50.882	ng	99
51) 2,6-Dinitrotoluene	9.580	165	151890	50.426	ng	95
52) Acenaphthene	9.816	154	561948	50.477	ng	97
53) 3-Nitroaniline	9.751	138	124683	35.264	ng	93
54) 2,4-Dinitrophenol	9.874	184	107284	64.088	ng	94
55) Dibenzofuran	9.986	168	819410	48.233	ng	97
56) 4-Nitrophenol	9.939	139	163197	72.624	ng	99
57) 2,4-Dinitrotoluene	9.992	165	180231	47.795	ng	88
58) Fluorene	10.333	166	642449	49.192	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	159695	46.731	ng	99
60) Diethylphthalate	10.210	149	703622	50.990	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	307041	48.941	ng	99
62) 4-Nitroaniline	10.374	138	138237	40.673	ng	98
63) Azobenzene	10.486	77	653806	48.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	73676	40.062	ng	98
66) n-Nitrosodiphenylamine	10.445	169	583515	55.665	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	187918	54.569	ng	100
68) Hexachlorobenzene	10.880	284	191096	54.469	ng	# 92
69) Atrazine	10.980	200	180161	63.874	ng	98
70) Pentachlorophenol	11.086	266	146626	69.854	ng	98
71) Phenanthrene	11.298	178	866691	52.924	ng	99
72) Anthracene	11.351	178	828826	49.239	ng	99
73) Carbazole	11.516	167	765004	49.924	ng	99
74) Di-n-butylphthalate	11.839	149	994237	55.064	ng	100
75) Fluoranthene	12.492	202	846217	49.592	ng	99
77) Benzidine	12.627	184	320995	79.637	ng	98
78) Pyrene	12.727	202	845848	45.156	ng	99
80) Butylbenzylphthalate	13.345	149	341686	51.809	ng	97
81) Benzo(a)anthracene	13.927	228	699912	55.092	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	221434	55.801	ng	# 98
83) Chrysene	13.962	228	643222	50.923	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	465606	68.797	ng	100
85) Di-n-octyl phthalate	14.527	149	786803	73.155	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	533188	39.824	ng	99
88) Benzo(b)fluoranthene	14.980	252	641739	58.056	ng	97
89) Benzo(k)fluoranthene	15.009	252	569744	52.178	ng	100
90) Benzo(a)pyrene	15.345	252	533111	50.573	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	425325	38.826	ng	98
92) Benzo(g,h,i)perylene	17.345	276	418059	36.541	ng	98

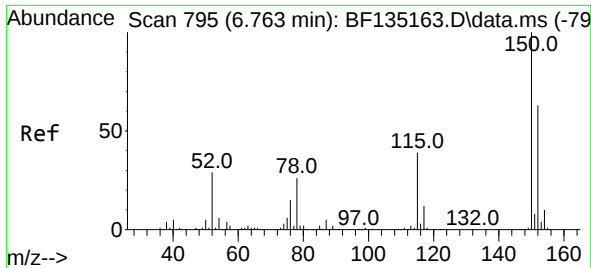
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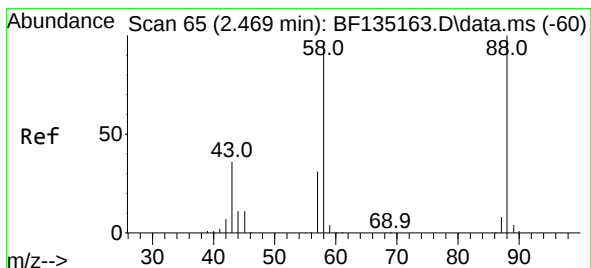
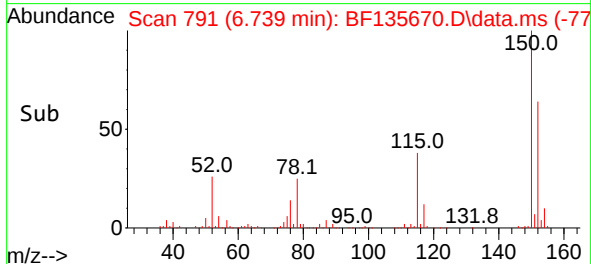
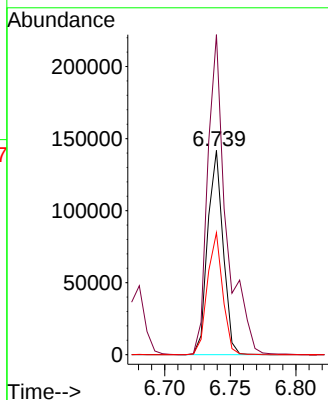
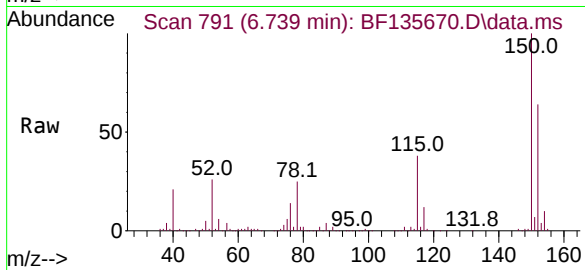




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

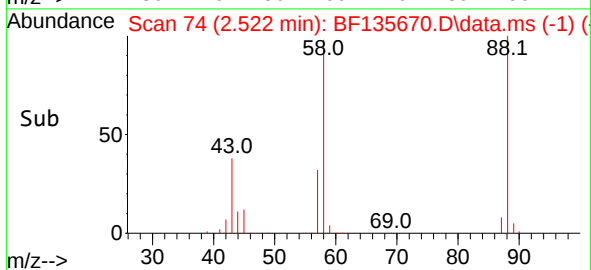
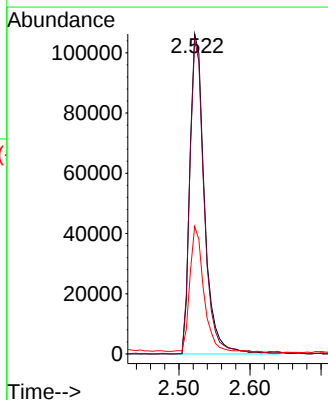
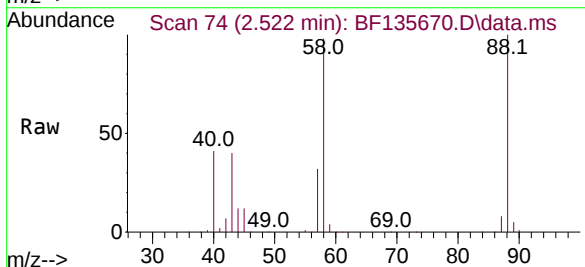
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 ClientSampleId :
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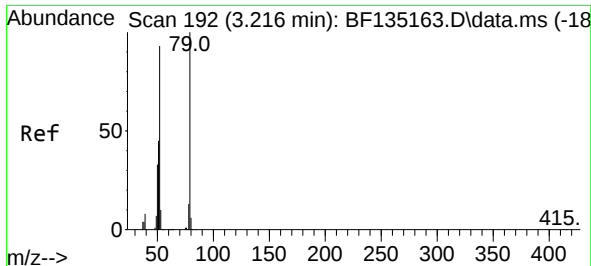
Tgt Ion:152 Resp: 115765
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.8 191.6
 115 59.7 49.8 74.8



#2
 1,4-Dioxane
 Concen: 48.708 ng
 RT: 2.522 min Scan# 74
 Delta R.T. 0.100 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

Tgt Ion: 88 Resp: 151981
 Ion Ratio Lower Upper
 88 100
 58 97.3 78.3 117.5
 43 37.9 29.4 44.0

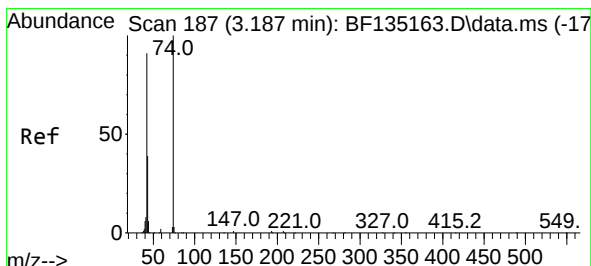
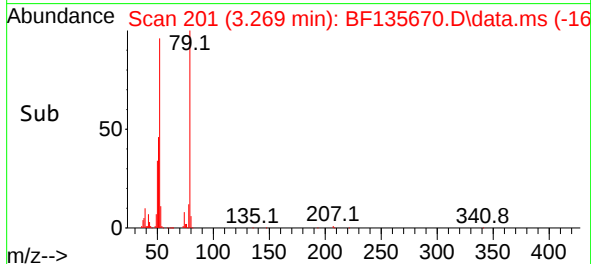
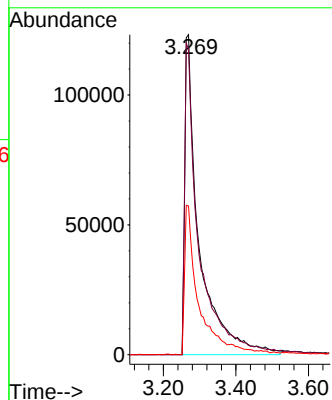
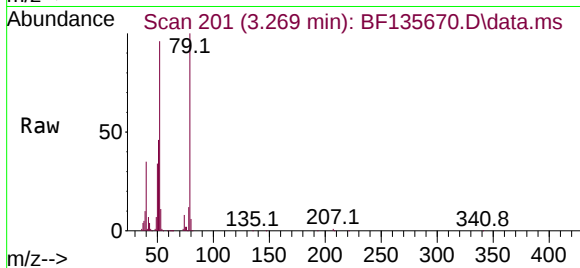




#3
Pyridine
Concen: 40.509 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

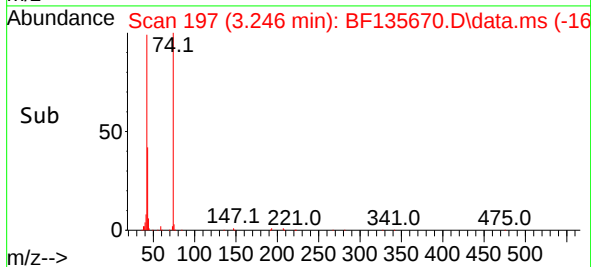
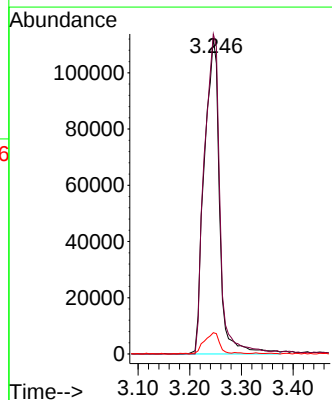
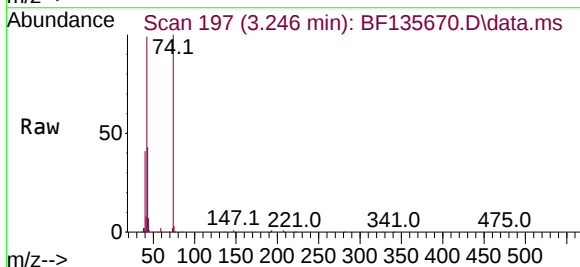
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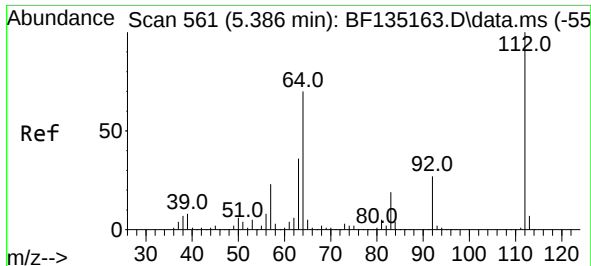
Tgt Ion: 79 Resp: 340181
Ion Ratio Lower Upper
79 100
52 95.6 74.1 111.1
51 46.4 35.8 53.8



#4
n-Nitrosodimethylamine
Concen: 51.639 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.112 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 42 Resp: 230120
Ion Ratio Lower Upper
42 100
74 101.3 87.7 131.5
44 6.7 5.6 8.4

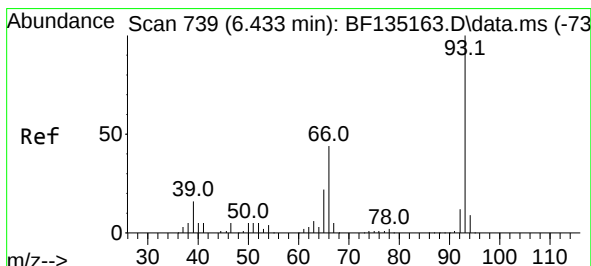
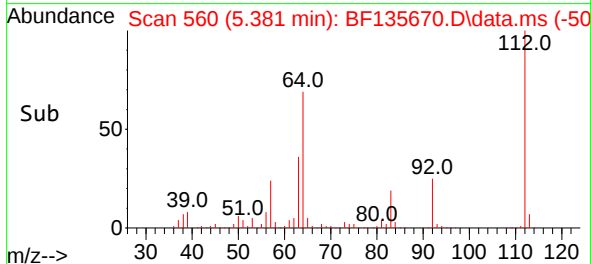
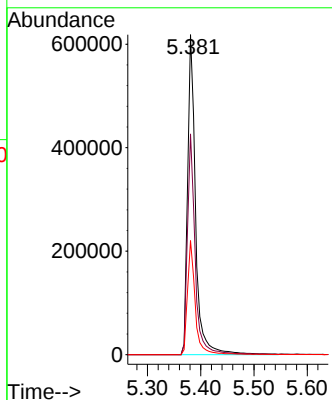
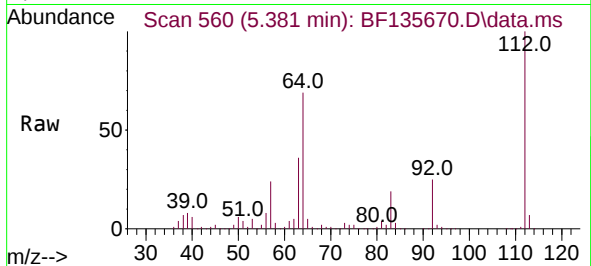




#5
2-Fluorophenol
Concen: 90.735 ng
RT: 5.381 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

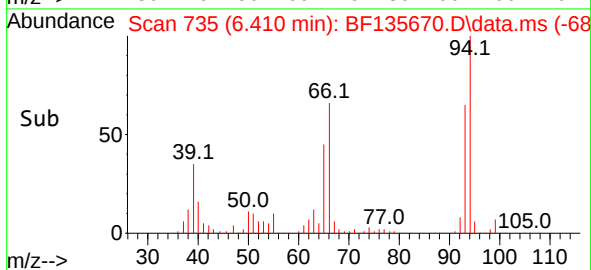
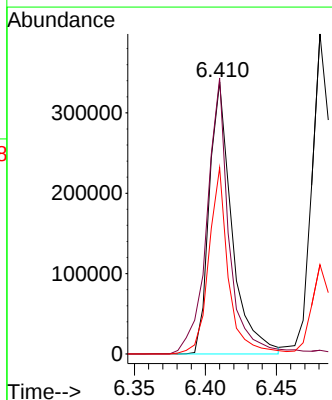
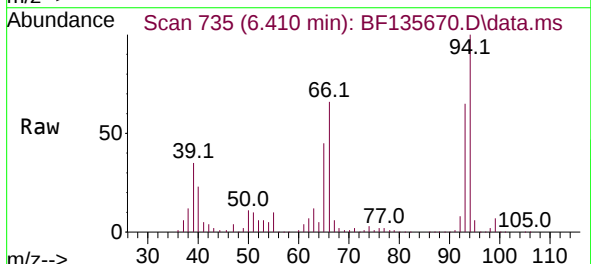
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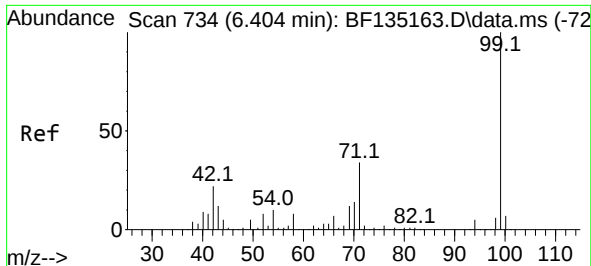
Tgt Ion:112 Resp: 645821
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.7 29.0 43.6



#6
Aniline
Concen: 31.575 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 93 Resp: 374744
Ion Ratio Lower Upper
93 100
66 101.5 35.4 53.0#
65 68.5 17.8 26.8#

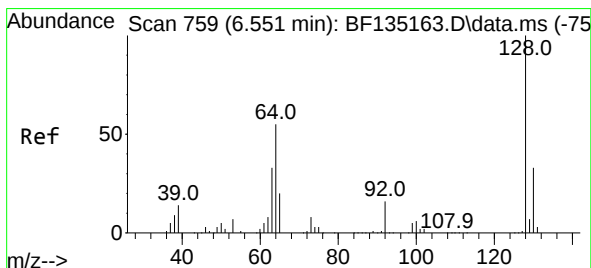
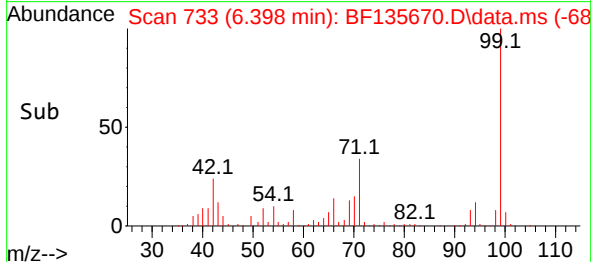
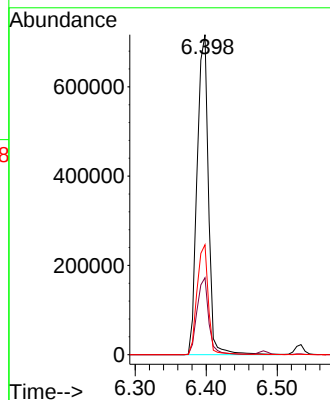
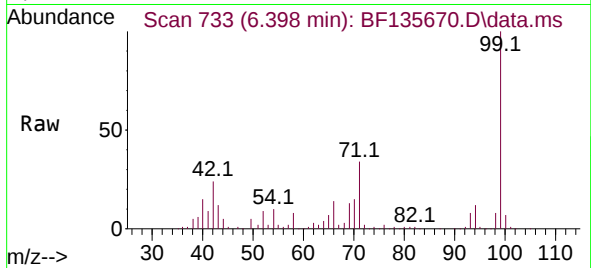




#7
Phenol-d6
Concen: 87.962 ng
RT: 6.398 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

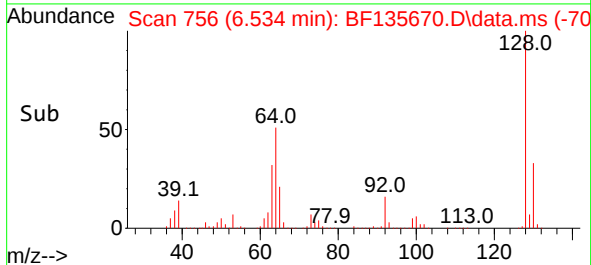
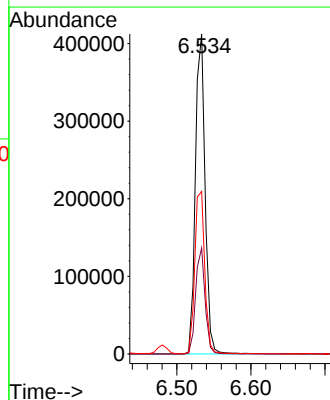
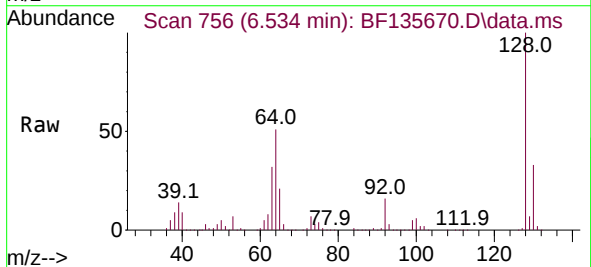
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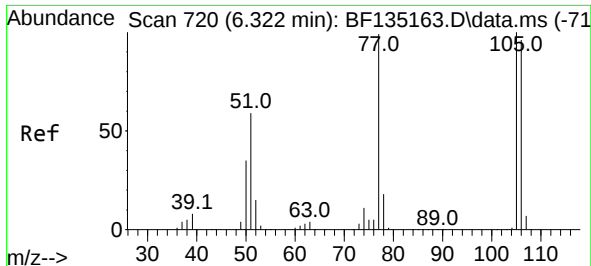
Tgt Ion: 99 Resp: 796102
Ion Ratio Lower Upper
99 100
42 24.0 17.9 26.9
71 34.4 27.0 40.6



#8
2-Chlorophenol
Concen: 49.339 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:128 Resp: 374886
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 50.8 35.9 75.9





#9

Benzaldehyde

Concen: 35.962 ng

RT: 6.298 min Scan# 716

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

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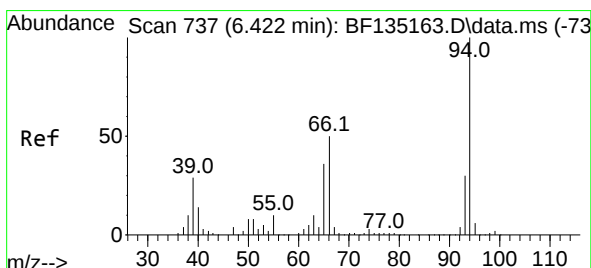
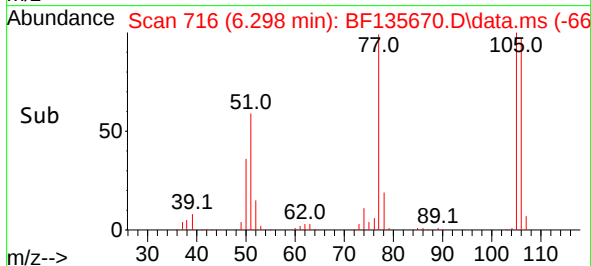
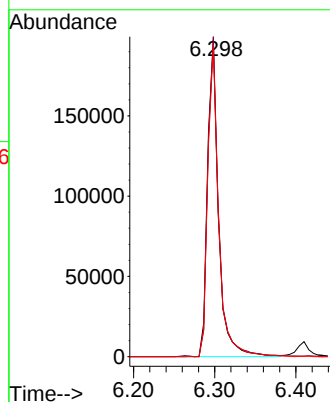
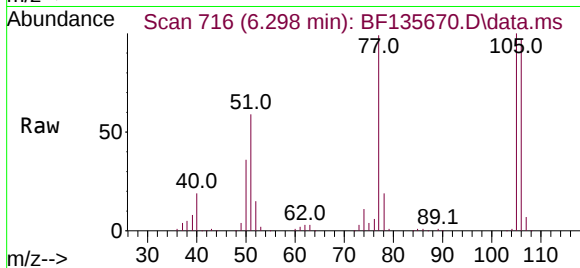
Tgt Ion: 77 Resp: 185417

Ion Ratio Lower Upper

77 100

105 100.9 81.4 121.4

106 98.3 76.9 116.9



#10

Phenol

Concen: 44.675 ng

RT: 6.410 min Scan# 735

Delta R.T. 0.006 min

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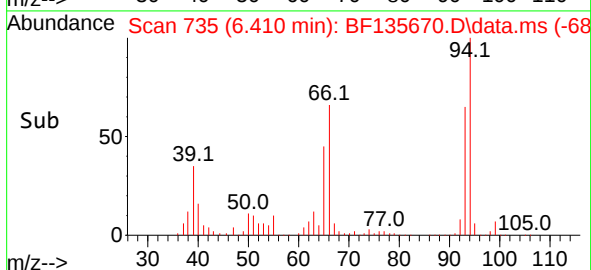
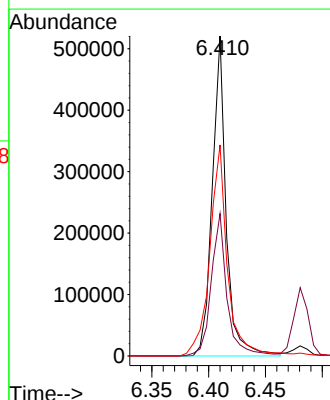
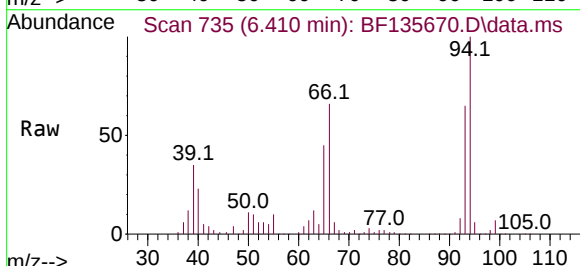
Tgt Ion: 94 Resp: 443366

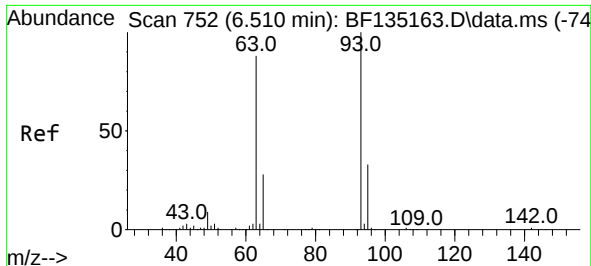
Ion Ratio Lower Upper

94 100

65 44.5 15.9 55.9

66 66.0 29.8 69.8

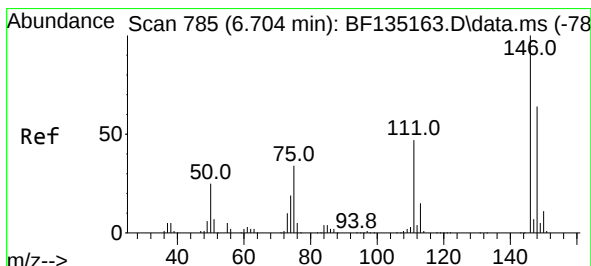
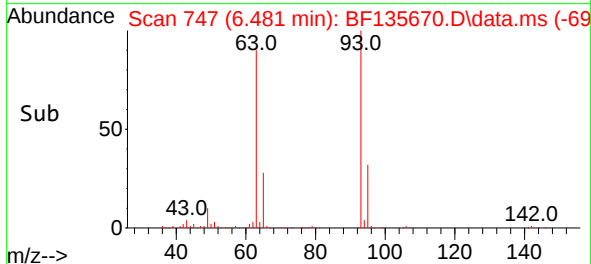
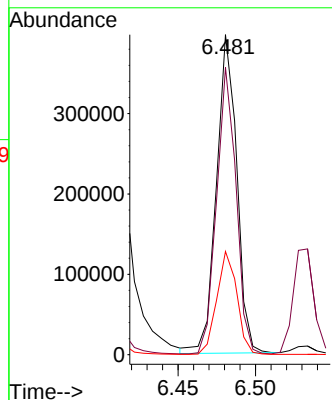
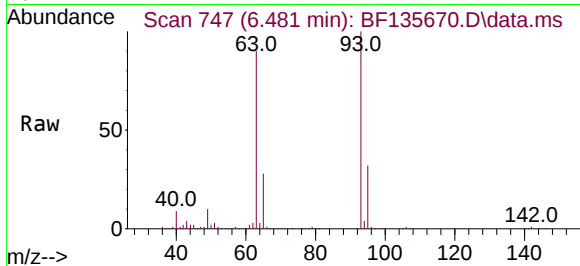




#11
bis(2-Chloroethyl)ether
Concen: 48.588 ng
RT: 6.481 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

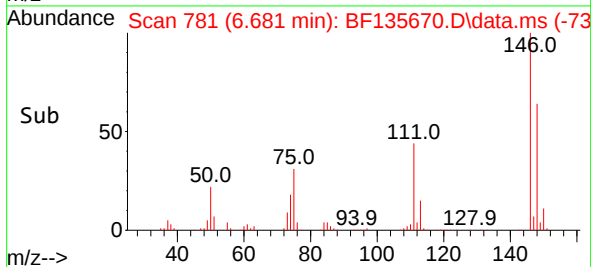
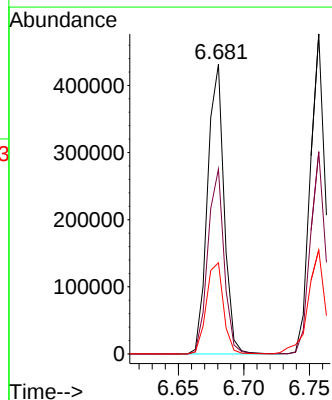
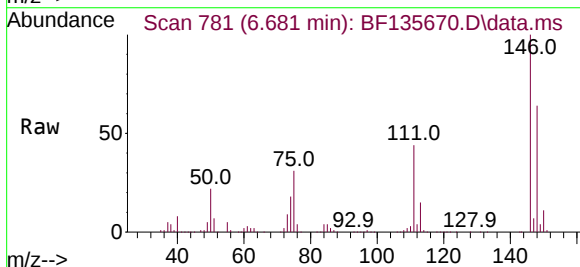
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

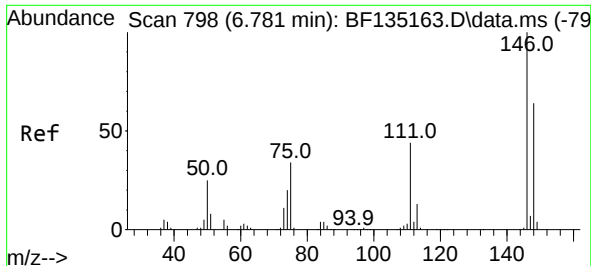
Tgt Ion: 93 Resp: 361702
Ion Ratio Lower Upper
93 100
63 89.8 67.3 107.3
95 32.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 49.030 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:146 Resp: 378605
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 31.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.045 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

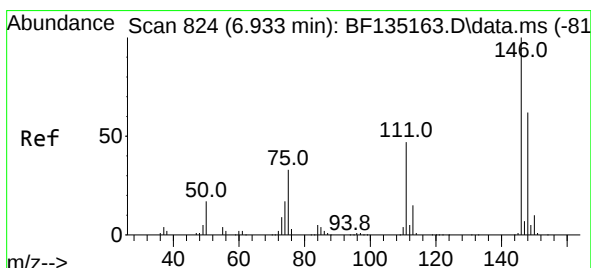
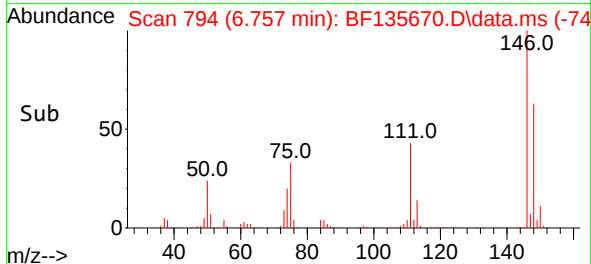
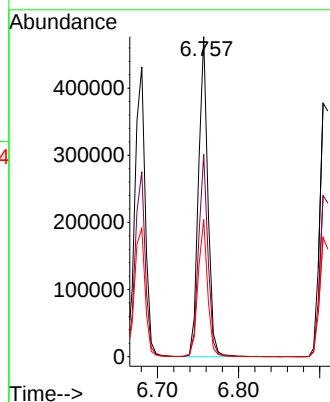
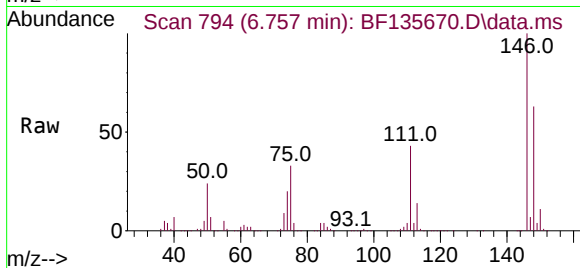
Tgt Ion:146 Resp: 385309

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

111 42.8 35.1 52.7



#14

1,2-Dichlorobenzene

Concen: 48.820 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

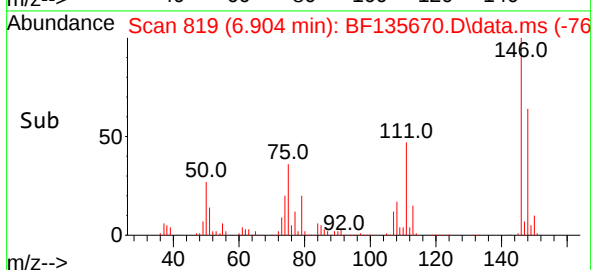
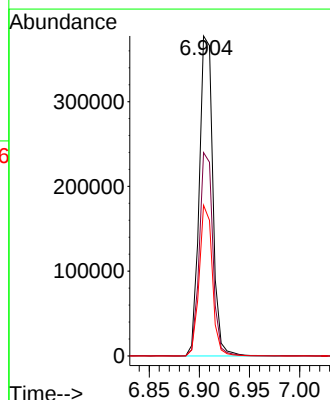
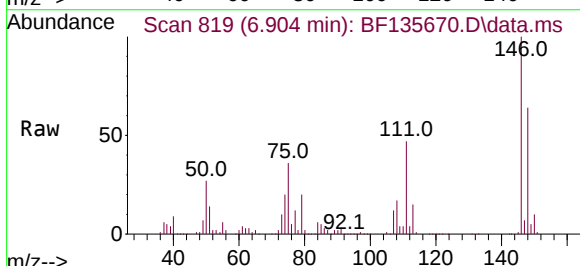
Tgt Ion:146 Resp: 356183

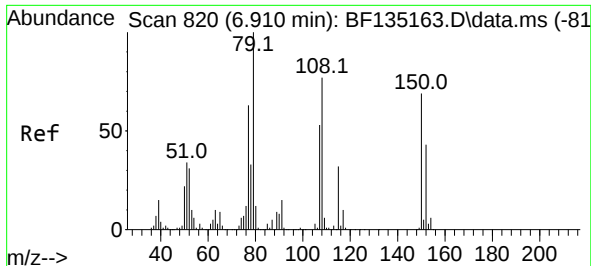
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

111 47.1 37.4 56.2

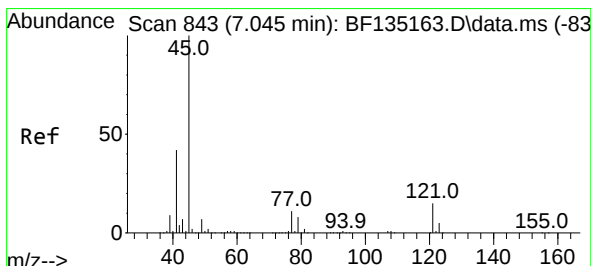
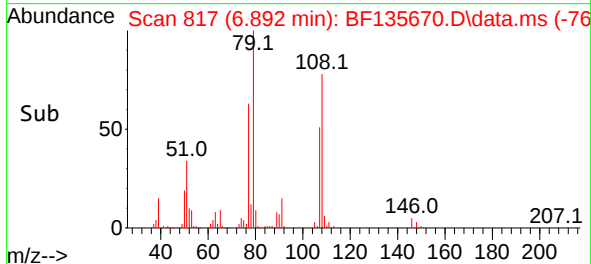
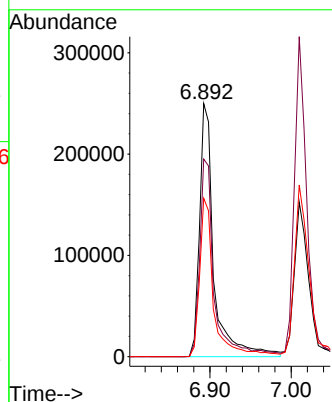
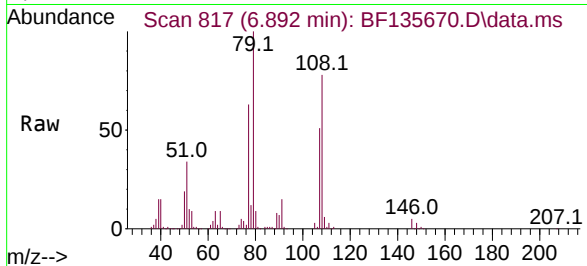




#15
Benzyl Alcohol
Concen: 47.363 ng
RT: 6.892 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

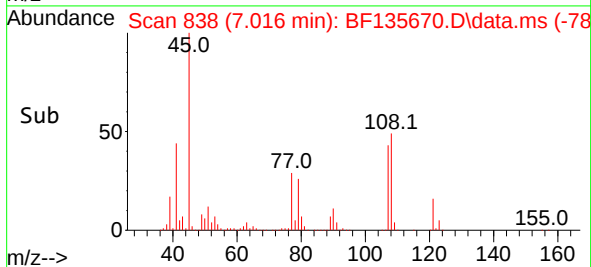
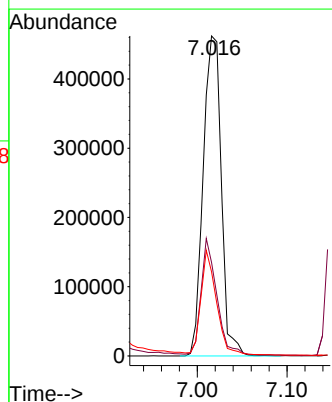
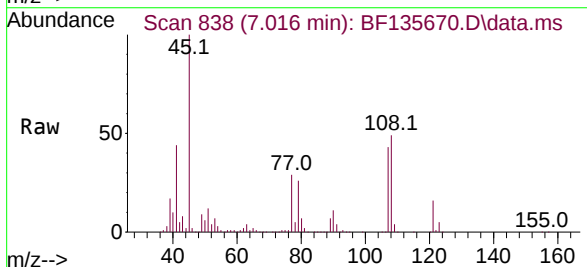
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

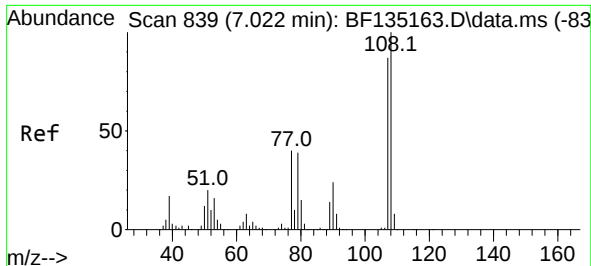
Tgt Ion: 79 Resp: 307600
Ion Ratio Lower Upper
79 100
108 78.0 61.2 91.8
77 62.6 50.5 75.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.160 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 45 Resp: 647712
Ion Ratio Lower Upper
45 100
77 29.2 0.0 30.6
79 26.3 0.0 28.3

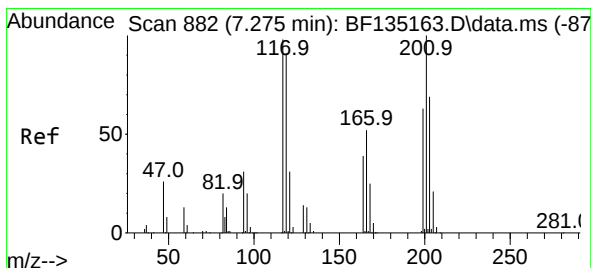
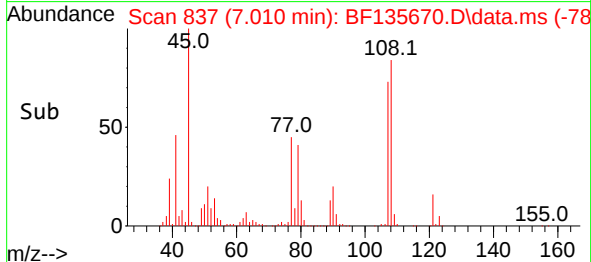
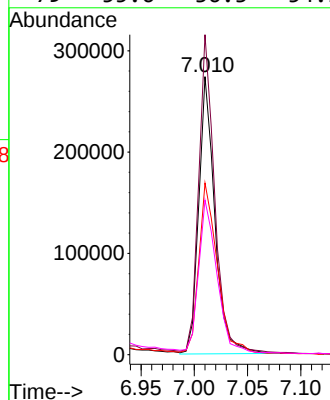
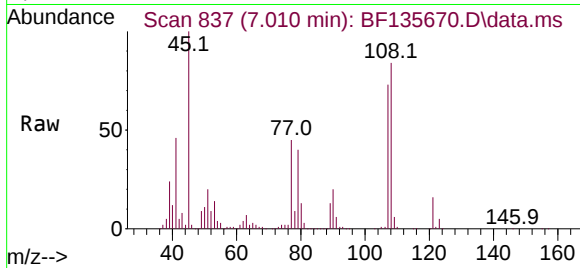




#17
2-Methylphenol
Concen: 43.158 ng
RT: 7.010 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

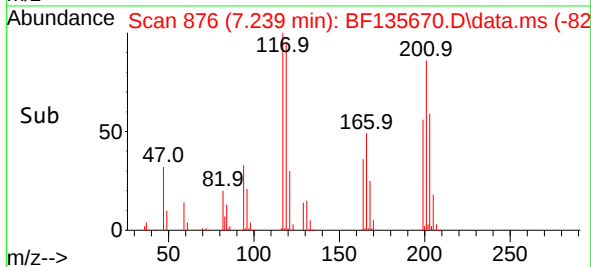
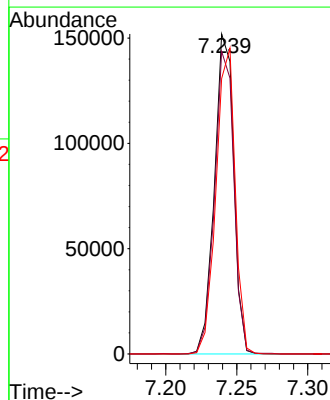
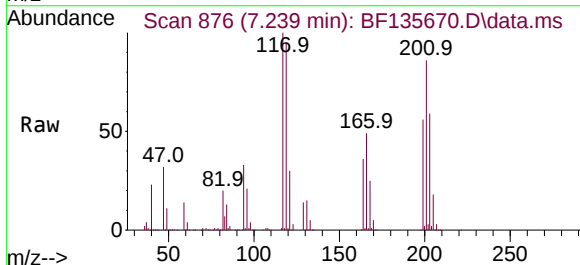
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

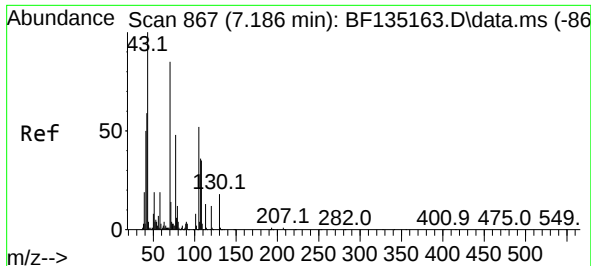
Tgt Ion:107 Resp: 289377
Ion Ratio Lower Upper
107 100
108 115.1 92.0 138.0
77 61.8 36.7 55.1#
79 55.6 36.3 54.5#



#18
Hexachloroethane
Concen: 49.655 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:117 Resp: 144140
Ion Ratio Lower Upper
117 100
119 94.6 74.7 112.1
201 86.1 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 44.700 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 70 Resp: 250583

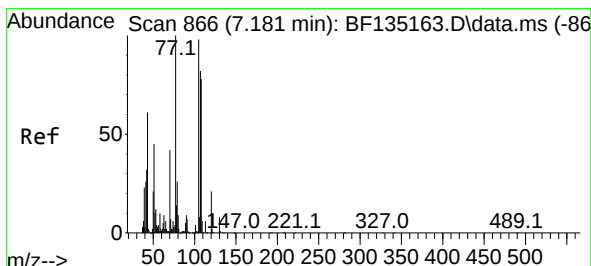
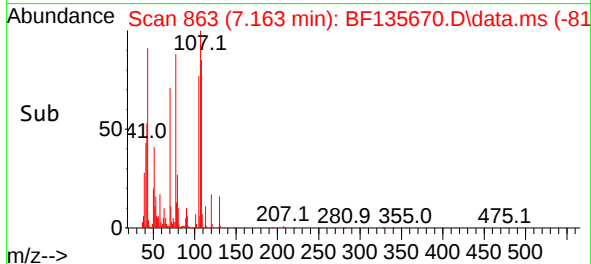
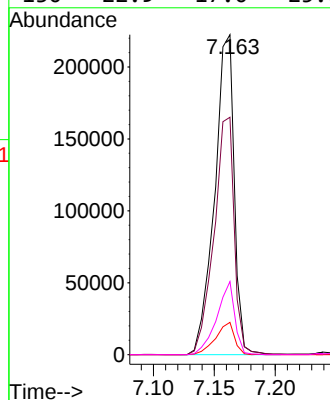
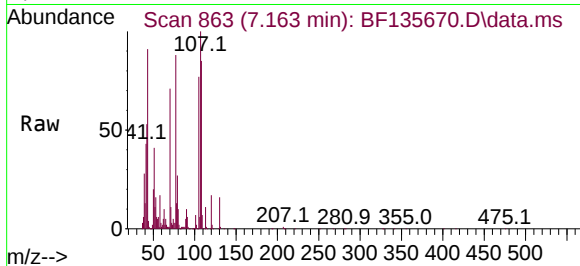
Ion Ratio Lower Upper

70 100

42 74.2 55.4 83.0

101 10.1 7.7 11.5

130 22.9 17.0 25.6



#20

3+4-Methylphenols

Concen: 45.519 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:107 Resp: 367000

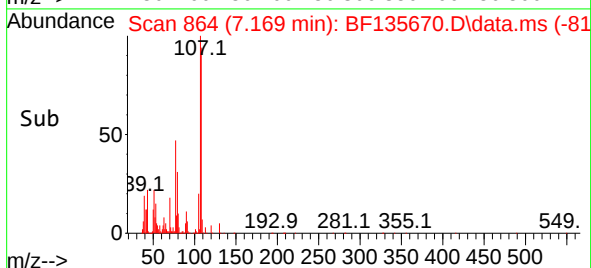
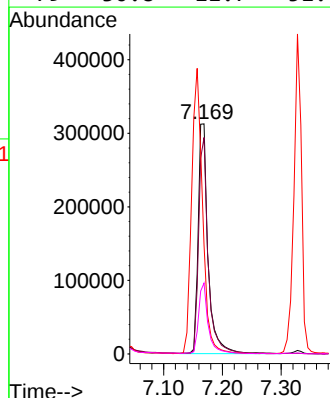
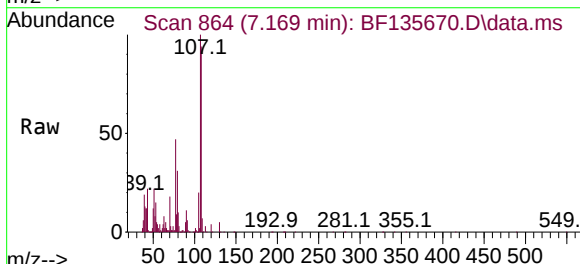
Ion Ratio Lower Upper

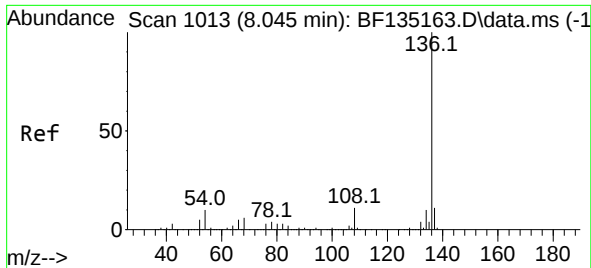
107 100

108 94.1 74.7 114.7

77 47.3 102.0 142.0#

79 30.8 11.7 51.7

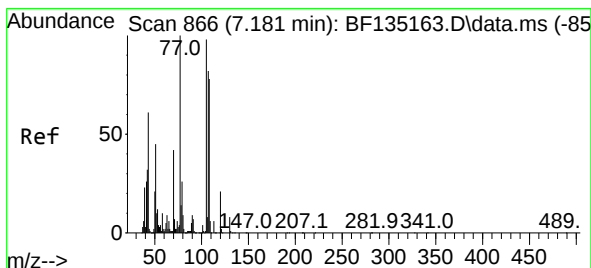
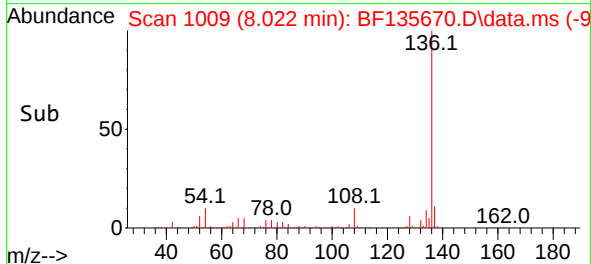
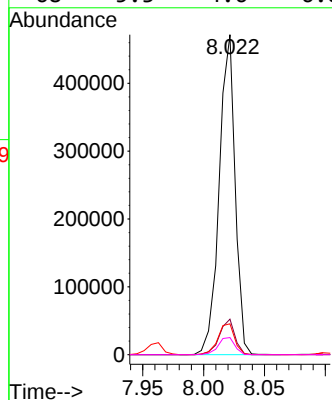
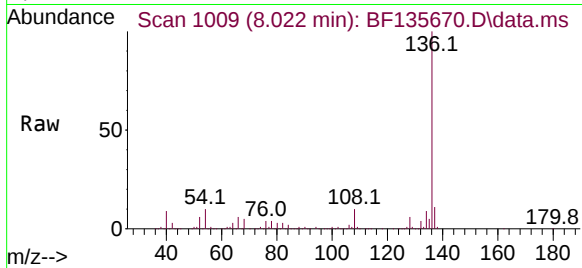




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

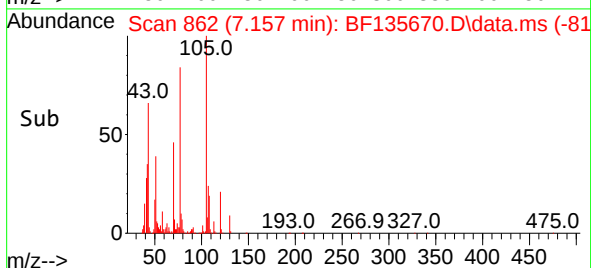
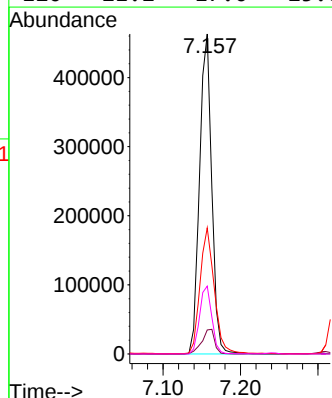
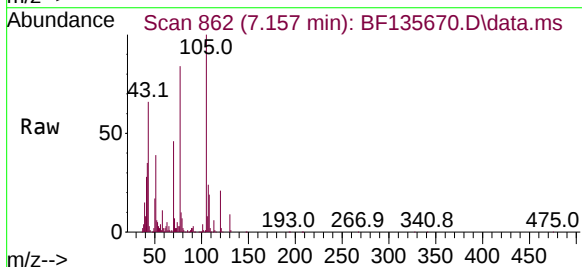
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

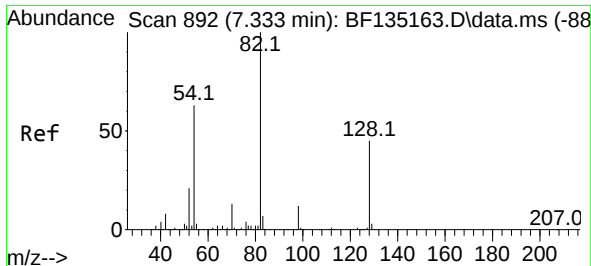
Tgt Ion:136 Resp: 430568
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.7 11.5
68 5.3 4.6 6.8



#22
Acetophenone
Concen: 51.280 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:105 Resp: 504796
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 39.4 37.0 55.4
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.835 ng

RT: 7.310 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

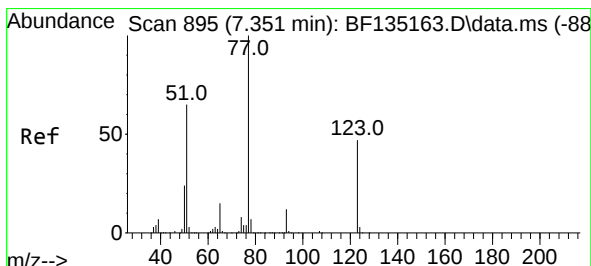
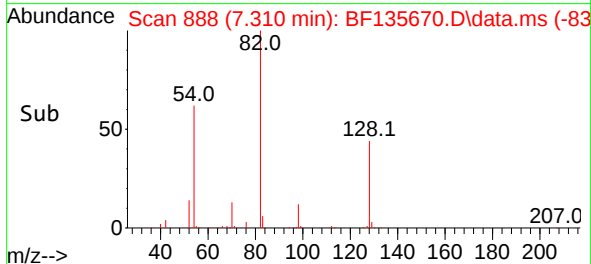
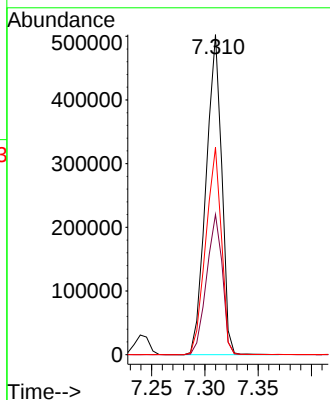
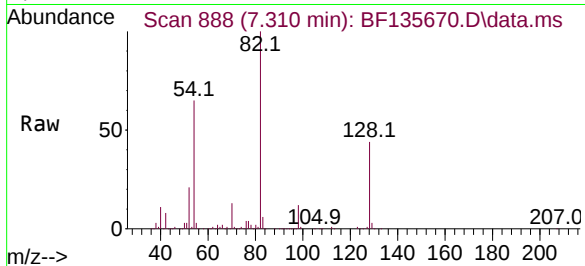
Tgt Ion: 82 Resp: 513826

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 64.7 50.6 76.0



#24

Nitrobenzene

Concen: 50.100 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

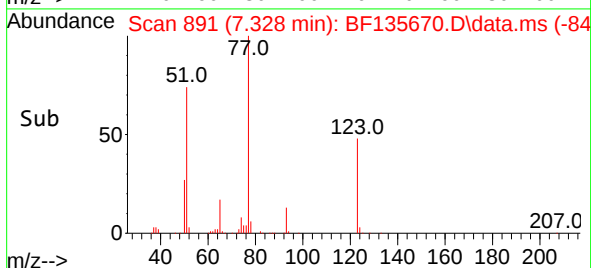
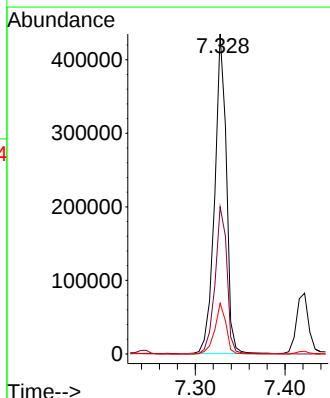
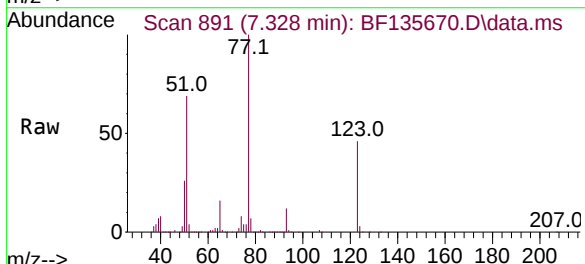
Tgt Ion: 77 Resp: 392440

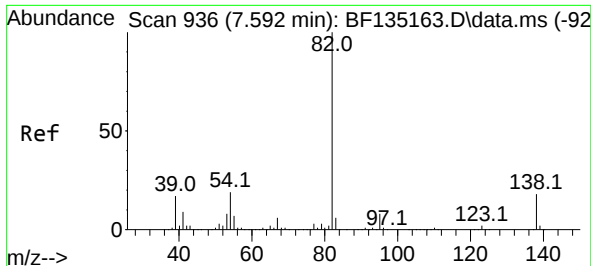
Ion Ratio Lower Upper

77 100

123 46.0 37.6 56.4

65 15.8 12.2 18.4

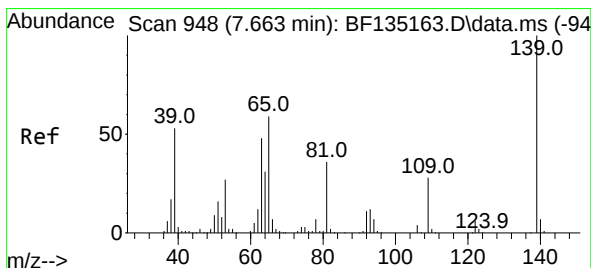
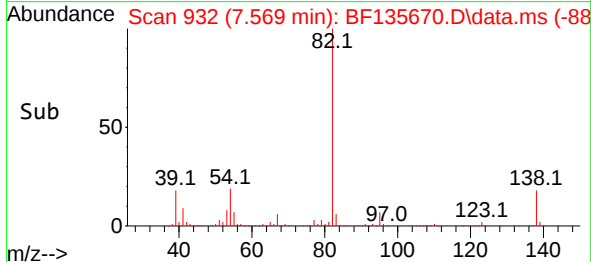
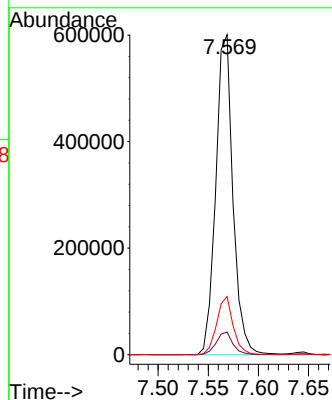
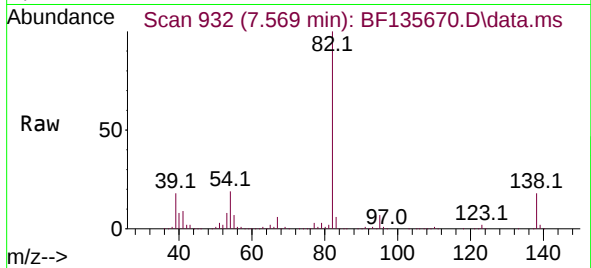




#25
Isophorone
Concen: 49.171 ng
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

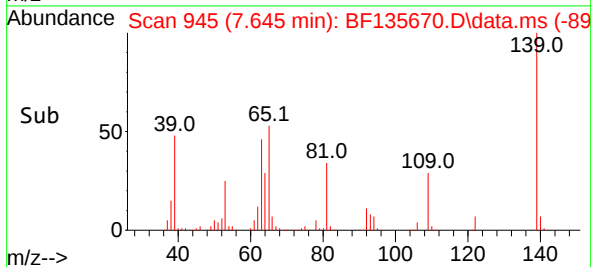
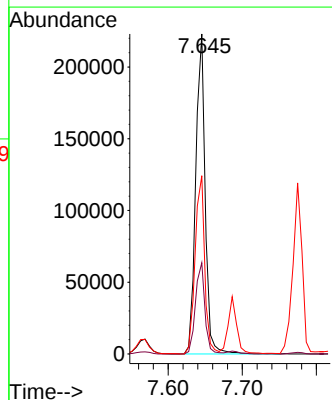
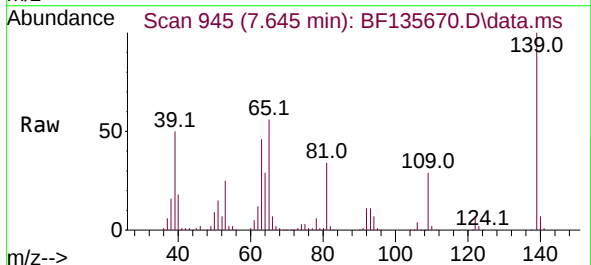
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

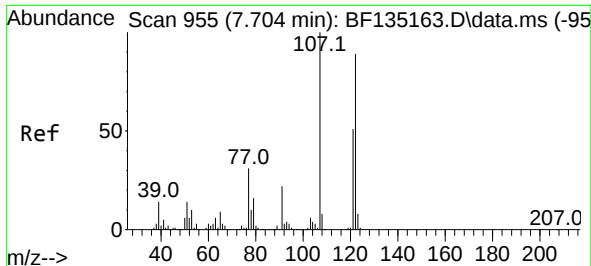
Tgt Ion: 82 Resp: 715565
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 52.492 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:139 Resp: 197343
Ion Ratio Lower Upper
139 100
109 28.5 22.6 33.8
65 55.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.897 ng

RT: 7.686 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

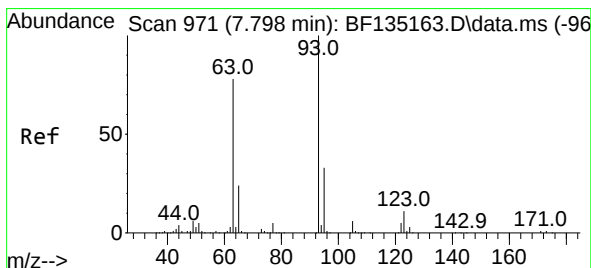
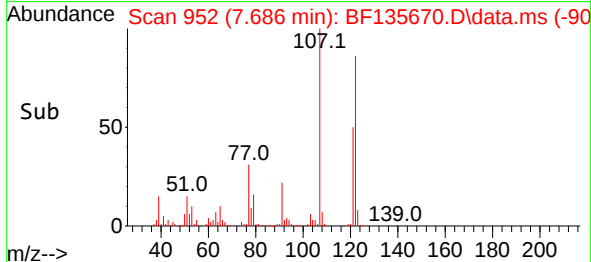
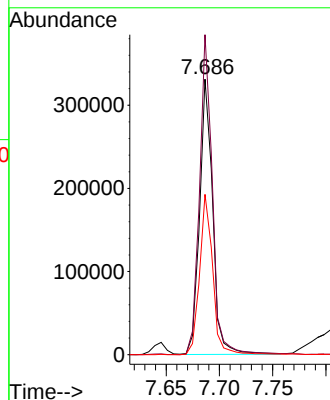
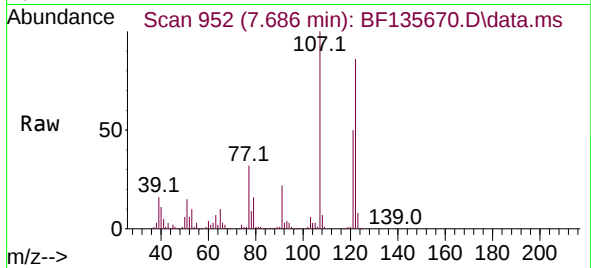
Tgt Ion:122 Resp: 283718

Ion Ratio Lower Upper

122 100

107 116.2 90.2 135.4

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 49.652 ng

RT: 7.775 min Scan# 967

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

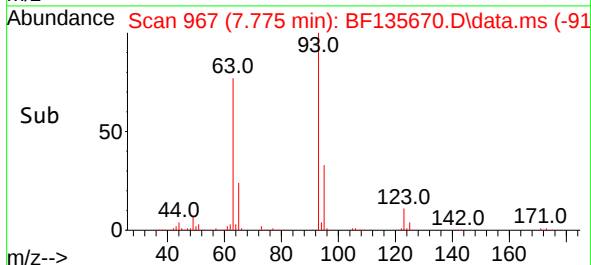
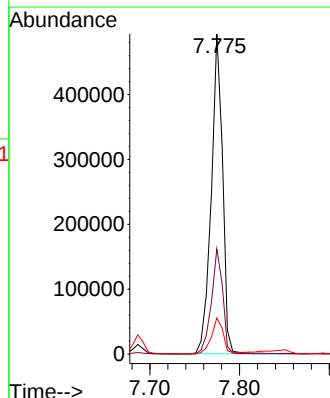
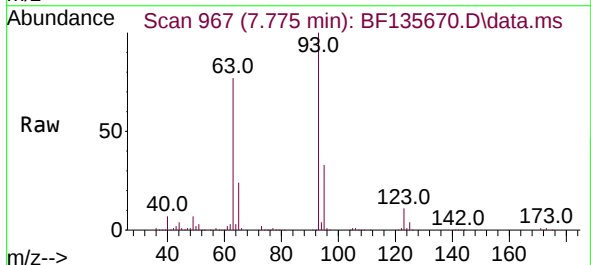
Tgt Ion: 93 Resp: 432482

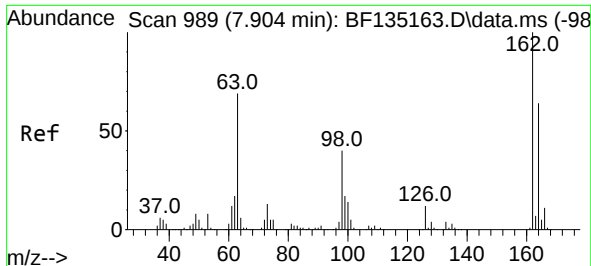
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.361 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

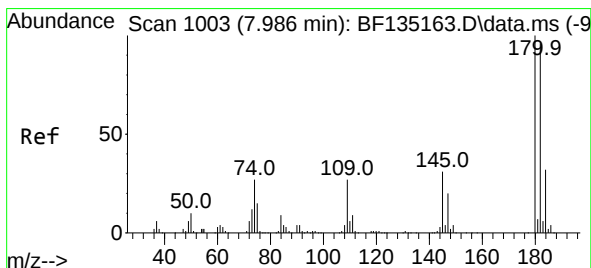
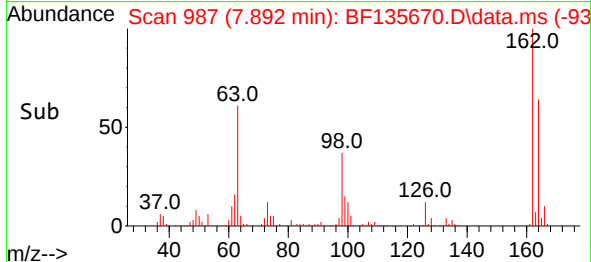
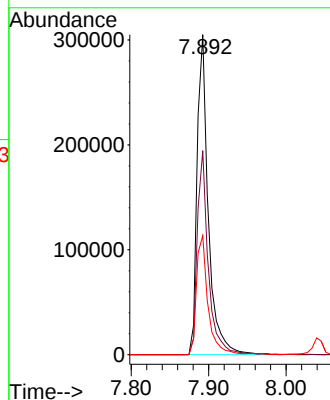
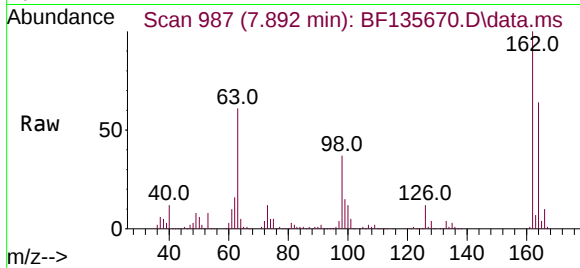
Tgt Ion:162 Resp: 306605

Ion Ratio Lower Upper

162 100

164 63.8 44.1 84.1

98 37.2 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 50.183 ng

RT: 7.963 min Scan# 999

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

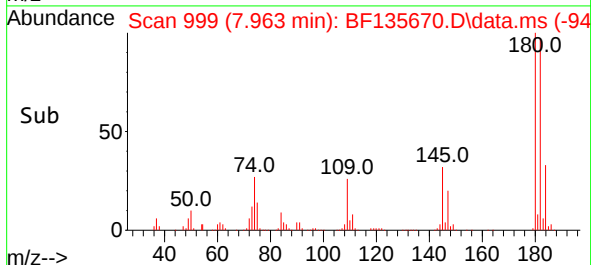
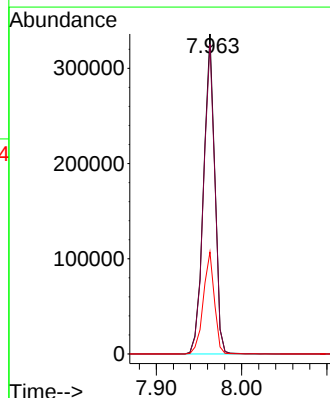
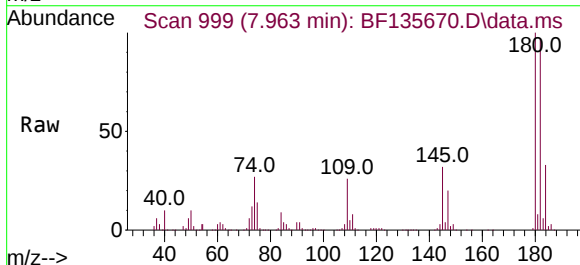
Tgt Ion:180 Resp: 307139

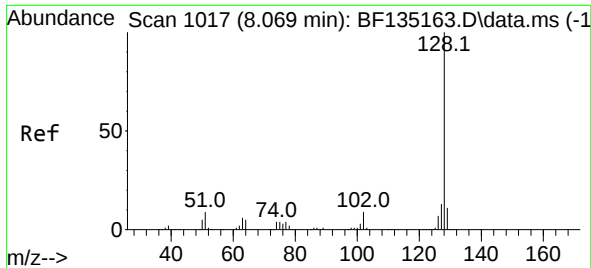
Ion Ratio Lower Upper

180 100

182 96.7 76.9 115.3

145 31.8 24.5 36.7

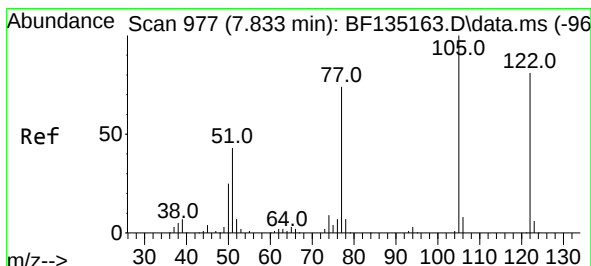
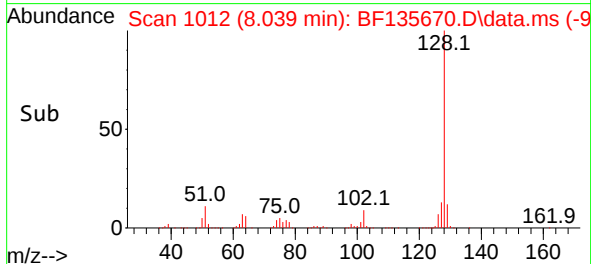
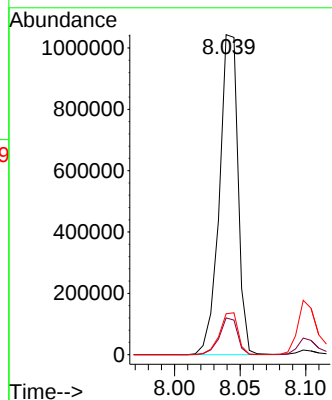
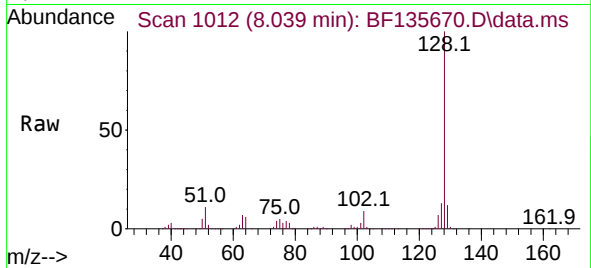




#31
Naphthalene
Concen: 49.258 ng
RT: 8.039 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

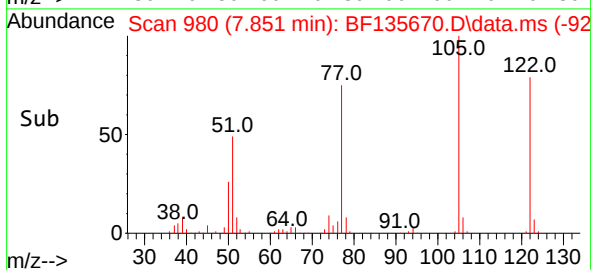
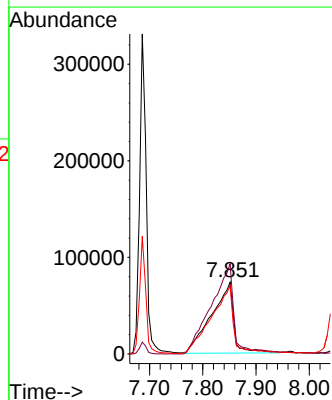
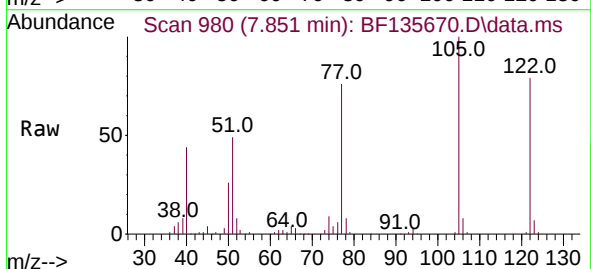
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

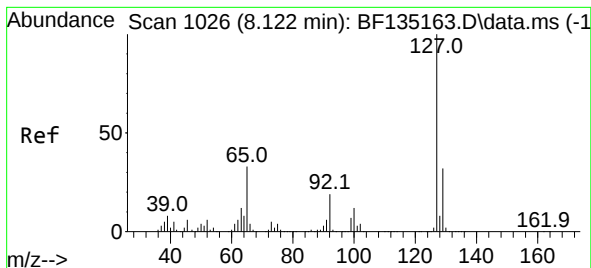
Tgt Ion:128 Resp: 1030470
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 12.8 10.7 16.1



#32
Benzoic acid
Concen: 45.078 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.029 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:122 Resp: 214500
Ion Ratio Lower Upper
122 100
105 126.1 99.9 139.9
77 95.4 70.0 110.0





#33

4-Chloroaniline

Concen: 23.746 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 217953

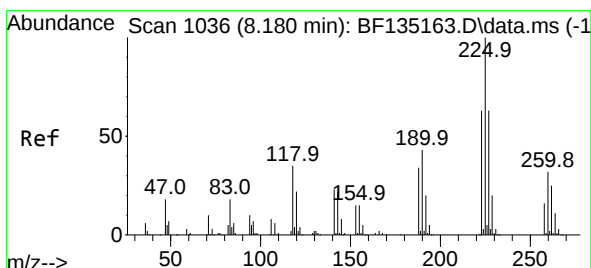
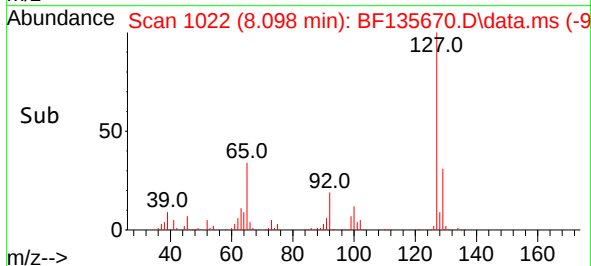
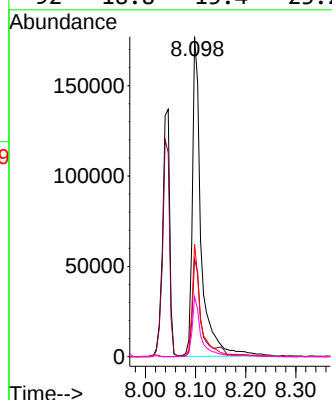
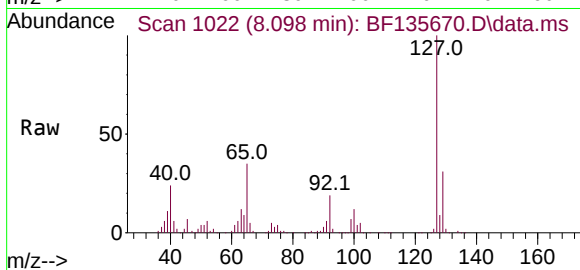
Ion Ratio Lower Upper

127 100

129 30.6 25.8 38.8

65 35.2 26.6 39.8

92 18.8 15.4 23.2



#34

Hexachlorobutadiene

Concen: 50.084 ng

RT: 8.151 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

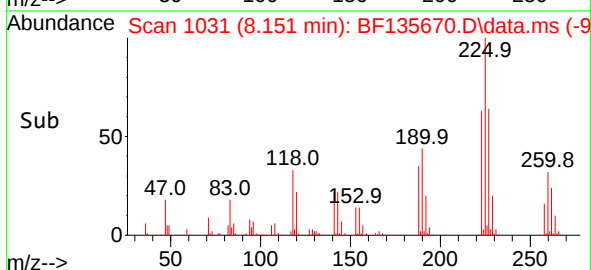
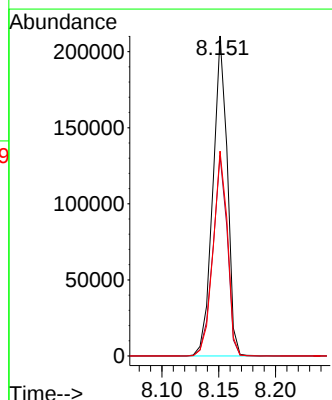
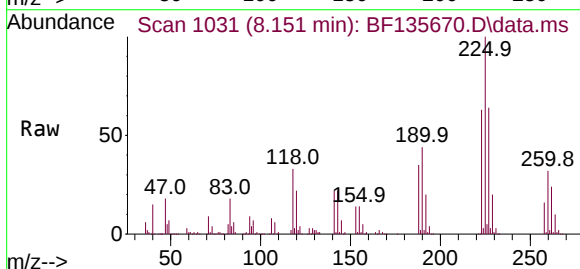
Tgt Ion:225 Resp: 184832

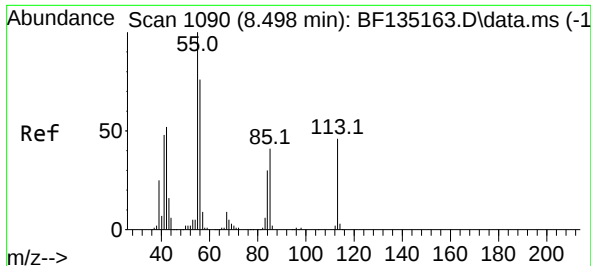
Ion Ratio Lower Upper

225 100

223 62.7 50.6 75.8

227 64.0 50.8 76.2

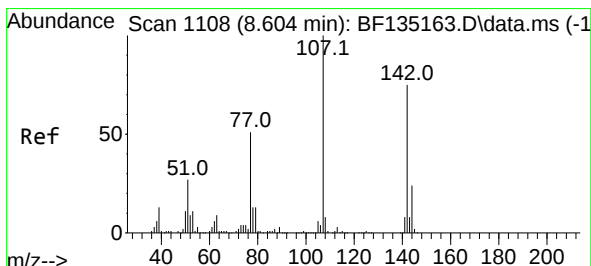
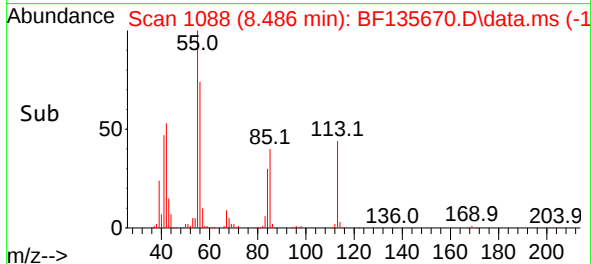
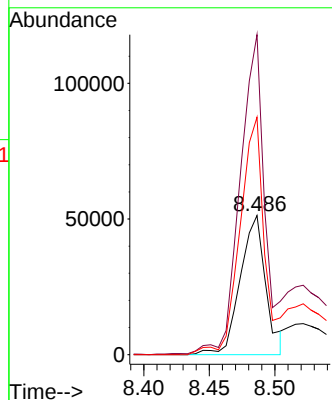
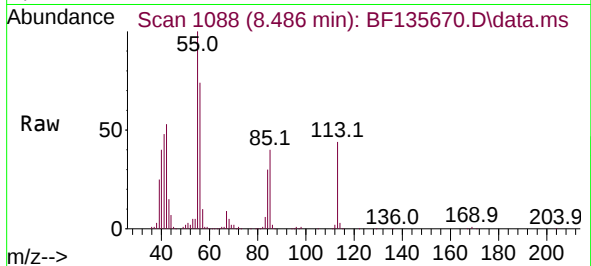




#35
 Caprolactam
 Concen: 35.287 ng
 RT: 8.486 min Scan# 1090
 Delta R.T. 0.018 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

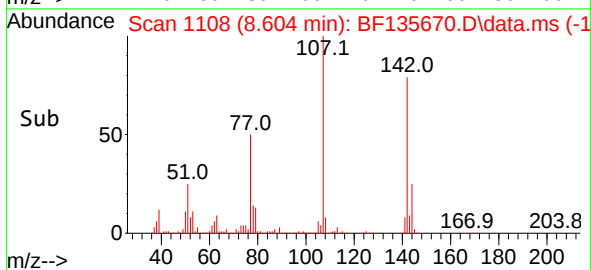
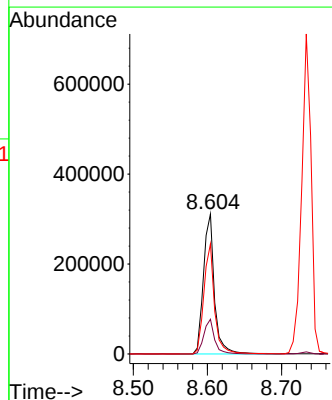
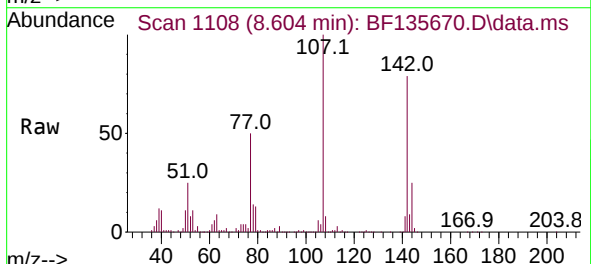
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

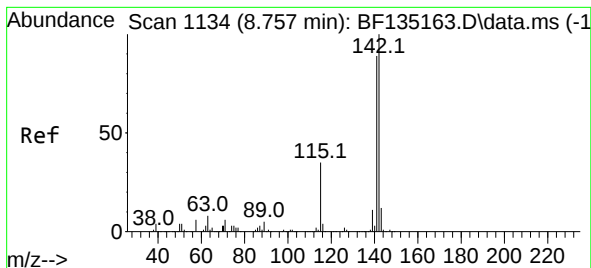
Tgt Ion:113 Resp: 69346
 Ion Ratio Lower Upper
 113 100
 55 229.8 199.3 239.3
 56 170.5 146.3 186.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.293 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.018 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

Tgt Ion:107 Resp: 320801
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.0 28.4
 142 78.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.010 ng

RT: 8.733 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

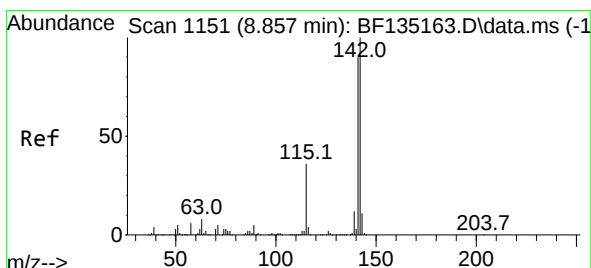
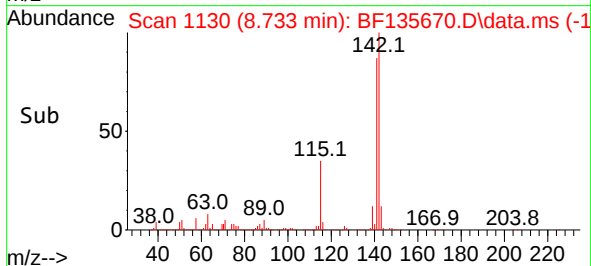
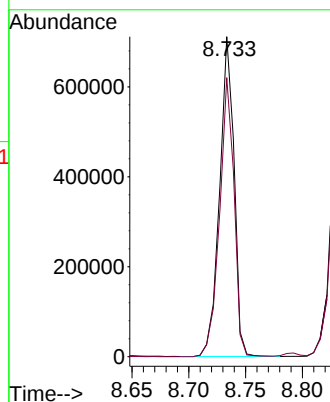
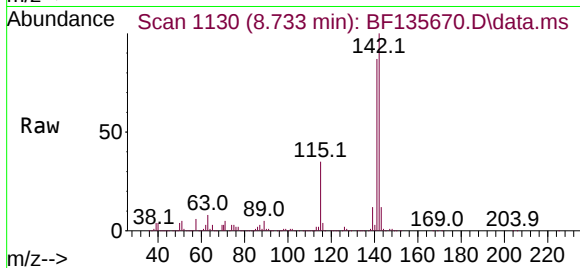
TP-1MSD

Tgt Ion:142 Resp: 632951

Ion Ratio Lower Upper

142 100

141 87.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 46.241 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135670.D

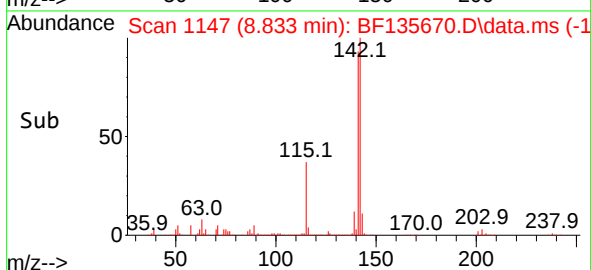
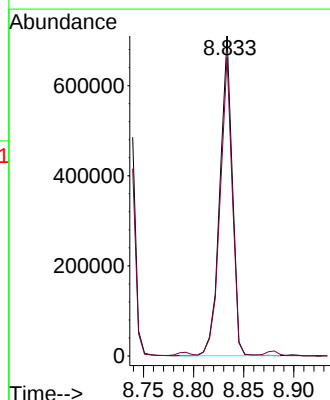
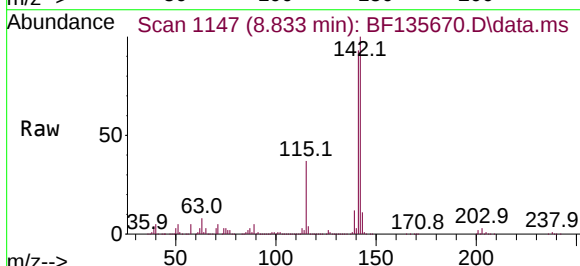
Acq: 10 Oct 2023 01:16

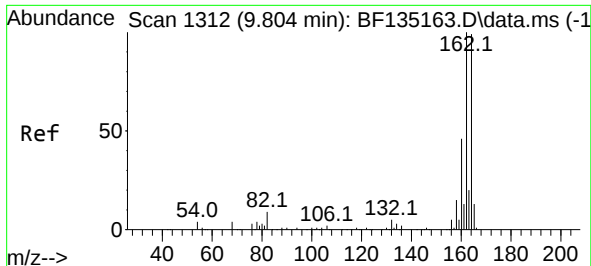
Tgt Ion:142 Resp: 608792

Ion Ratio Lower Upper

142 100

141 93.3 72.4 108.6

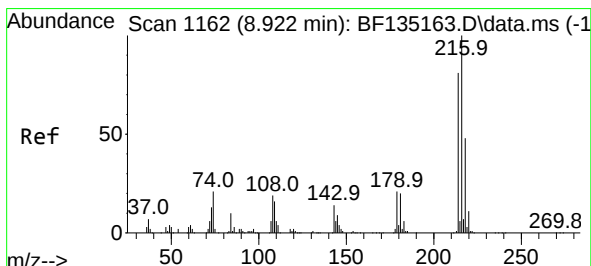
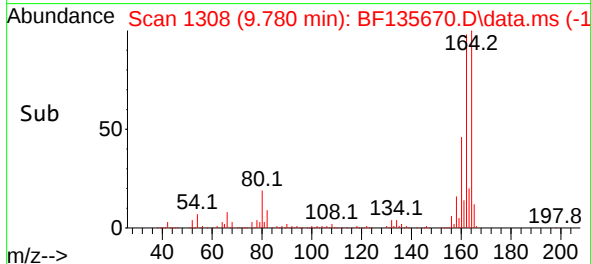
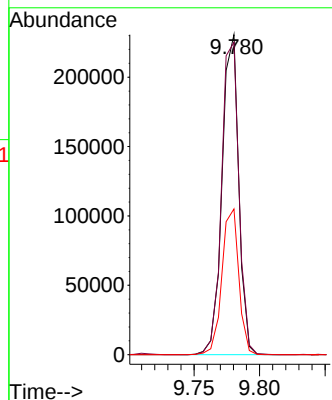
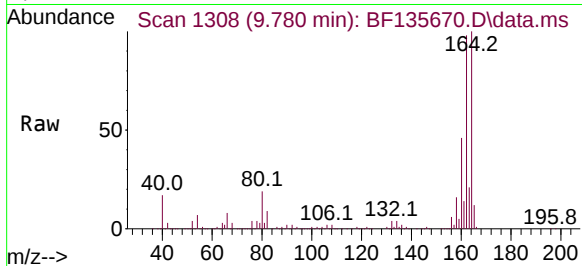




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1115
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

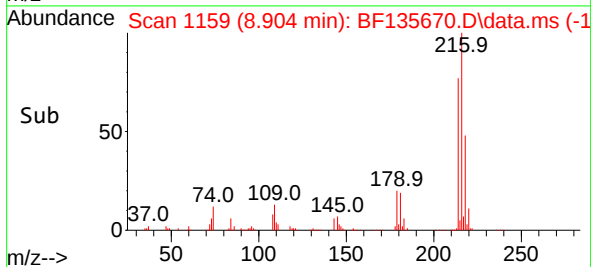
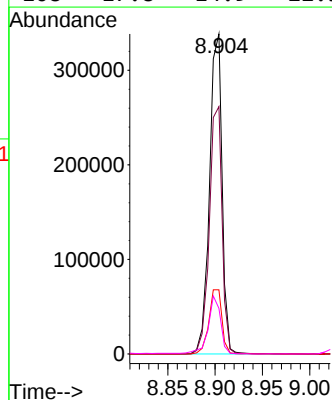
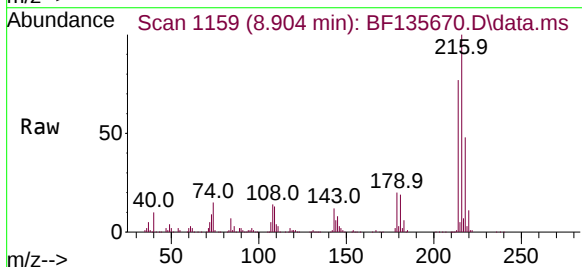
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

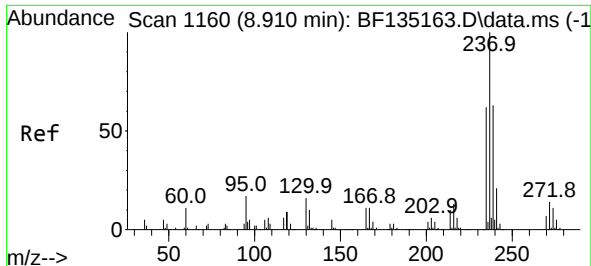
Tgt Ion:164 Resp: 203369
Ion Ratio Lower Upper
164 100
162 97.6 81.0 121.4
160 45.6 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.766 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:216 Resp: 310888
Ion Ratio Lower Upper
216 100
214 78.7 63.7 95.5
179 20.9 16.7 25.1
108 17.8 14.9 22.3

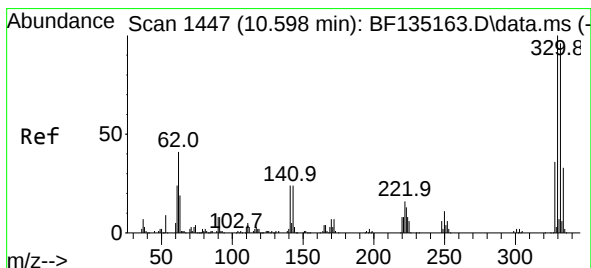
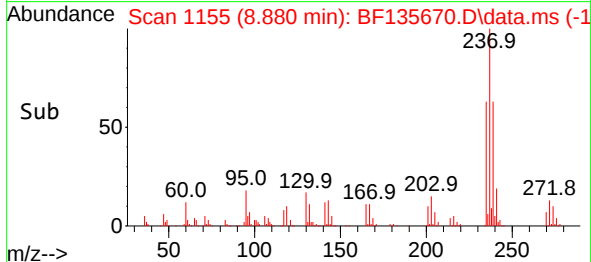
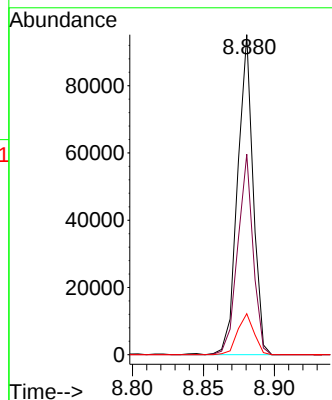
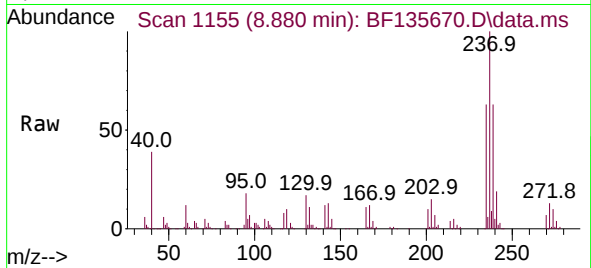




#41
Hexachlorocyclopentadiene
Concen: 32.707 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

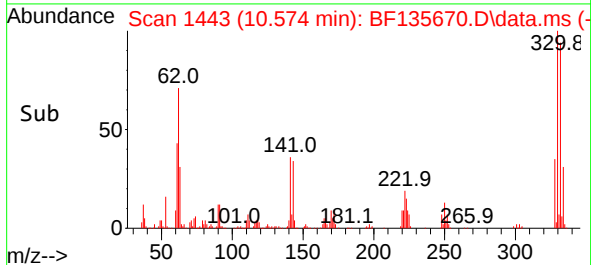
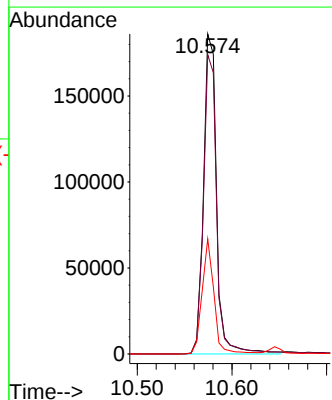
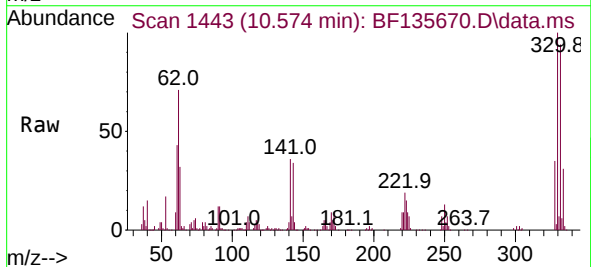
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

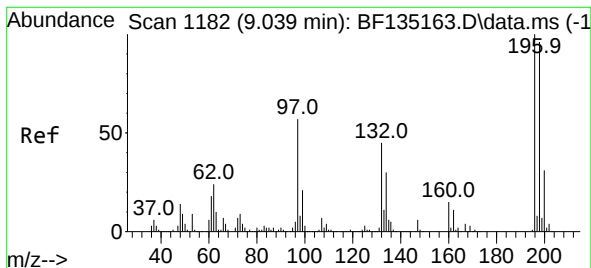
Tgt Ion:237 Resp: 72426
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 12.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 88.320 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:330 Resp: 178495
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 32.9 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 51.615 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

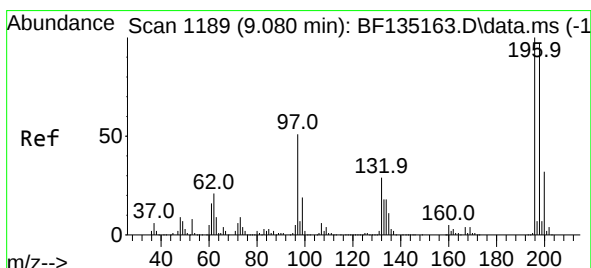
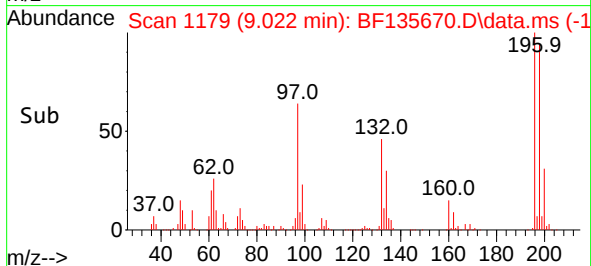
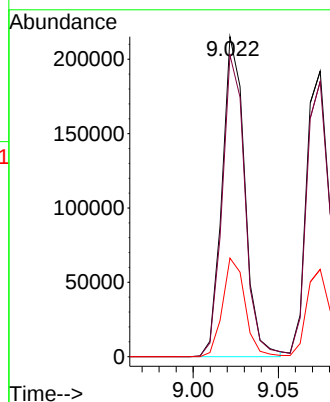
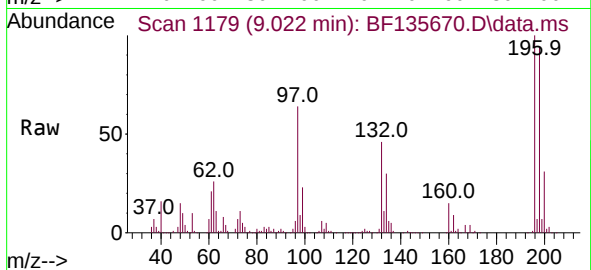
Tgt Ion:196 Resp: 199109

Ion Ratio Lower Upper

196 100

198 94.2 77.0 115.6

200 30.8 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 47.503 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.012 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:196 Resp: 211028

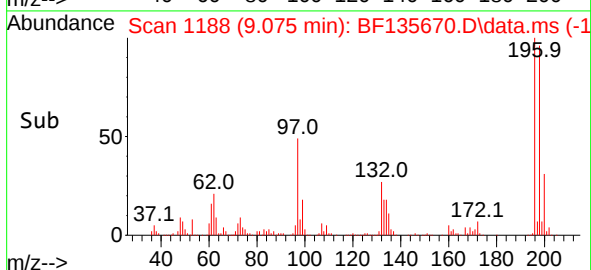
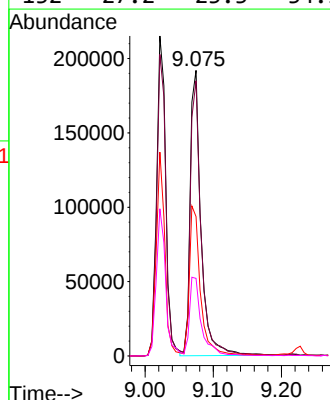
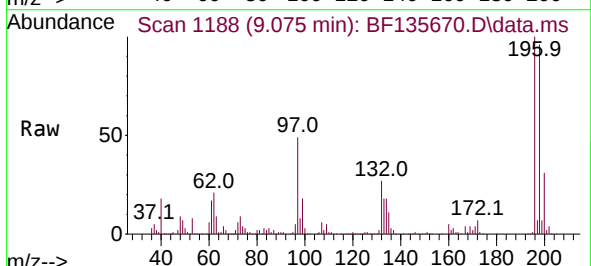
Ion Ratio Lower Upper

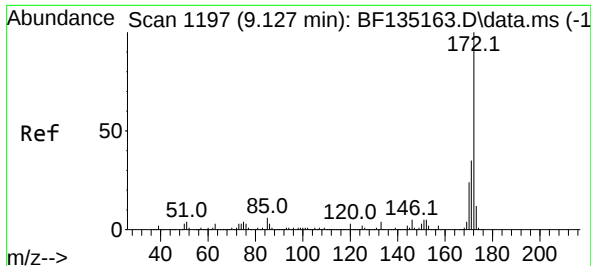
196 100

198 96.4 77.5 116.3

97 48.8 40.5 60.7

132 27.2 23.3 34.9

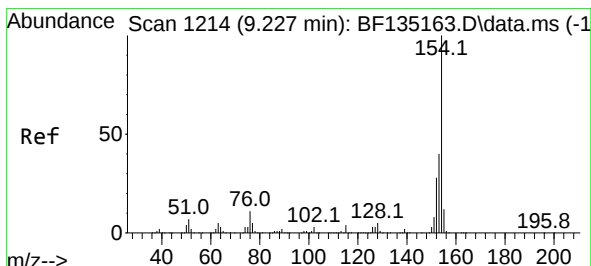
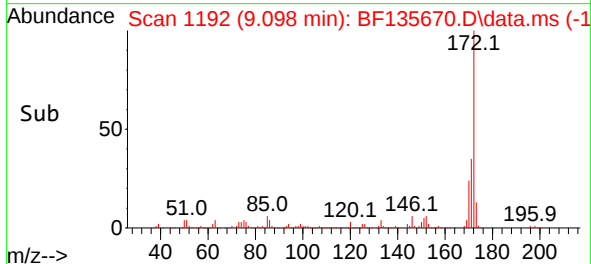
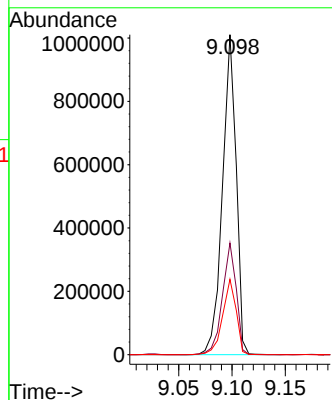
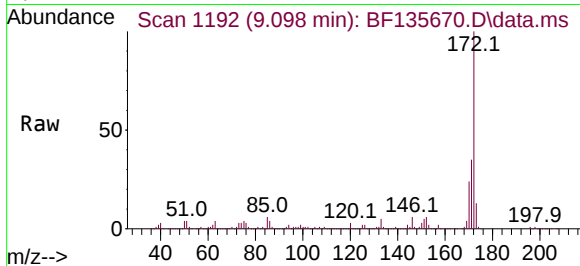




#45
2-Fluorobiphenyl
Concen: 66.731 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

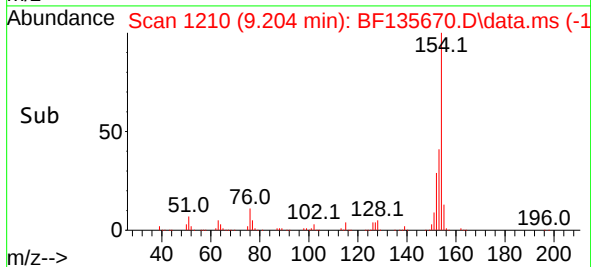
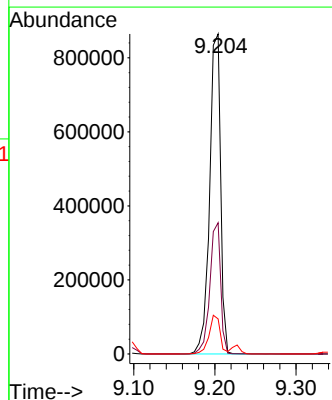
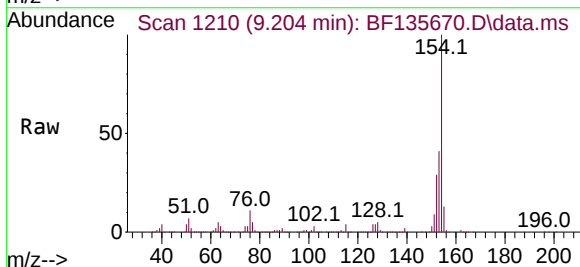
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

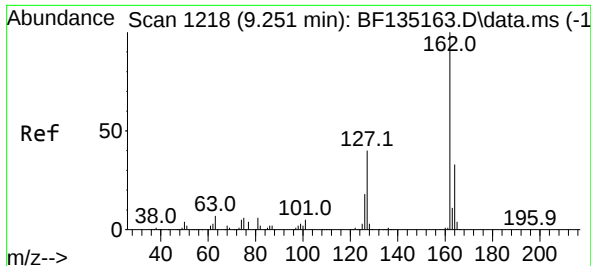
Tgt Ion:172 Resp: 899500
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.748 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:154 Resp: 808745
Ion Ratio Lower Upper
154 100
153 41.0 19.6 59.6
76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 51.925 ng

RT: 9.227 min Scan# 1214

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

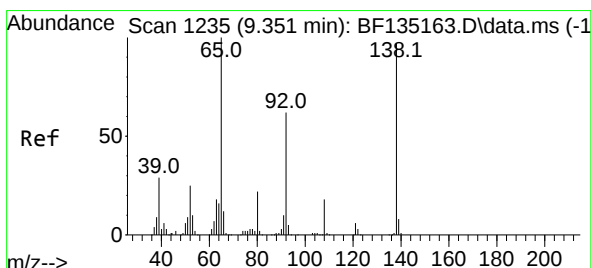
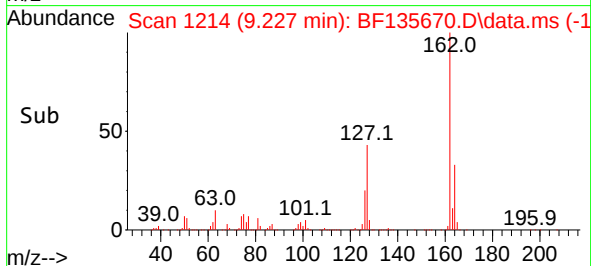
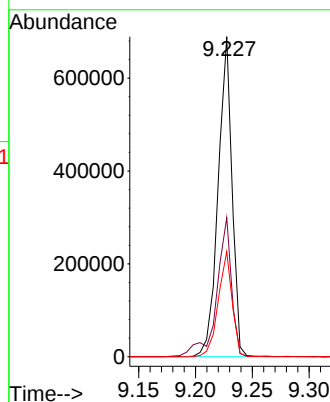
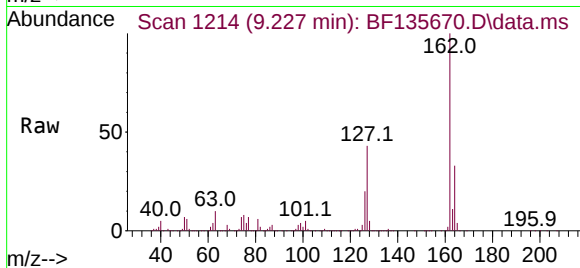
Tgt Ion:162 Resp: 588799

Ion Ratio Lower Upper

162 100

127 43.4 32.6 48.8

164 32.9 26.2 39.2



#48

2-Nitroaniline

Concen: 51.349 ng

RT: 9.339 min Scan# 1233

Delta R.T. 0.012 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

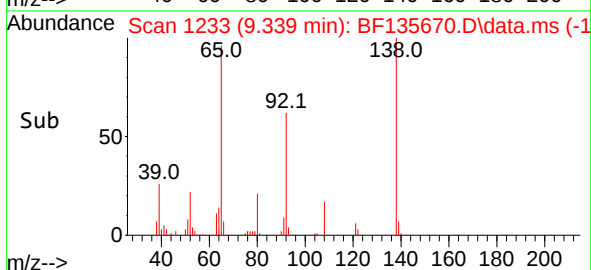
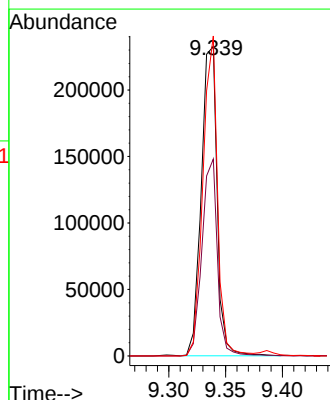
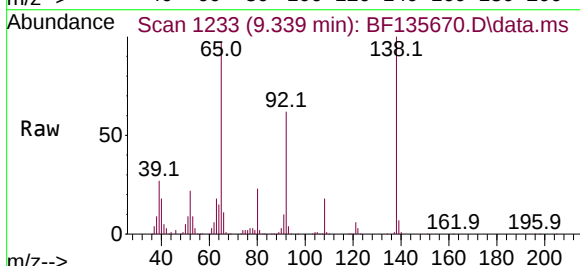
Tgt Ion: 65 Resp: 226210

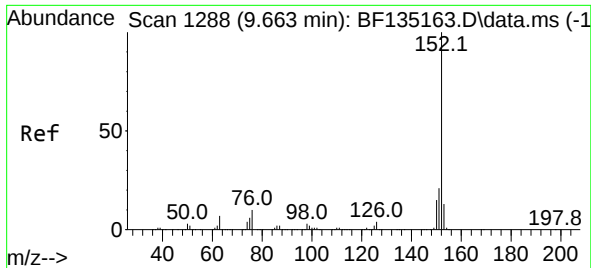
Ion Ratio Lower Upper

65 100

92 63.7 49.4 74.0

138 103.4 77.4 116.0

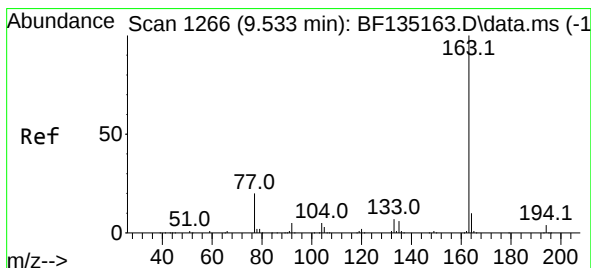
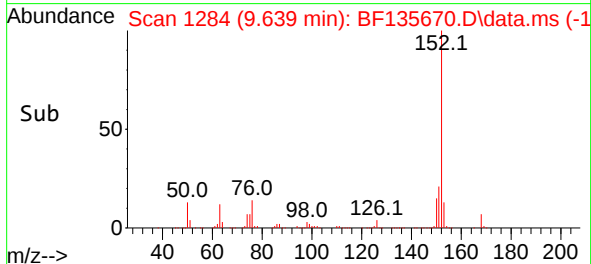
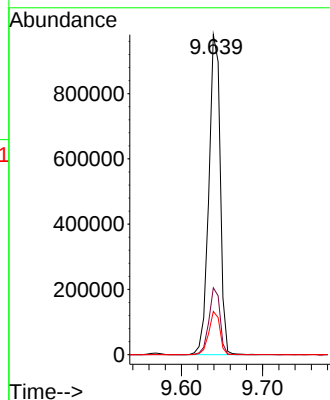
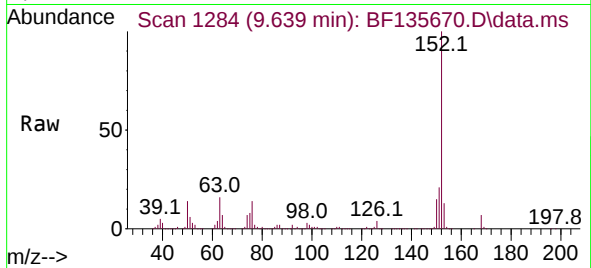




#49
Acenaphthylene
Concen: 50.348 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

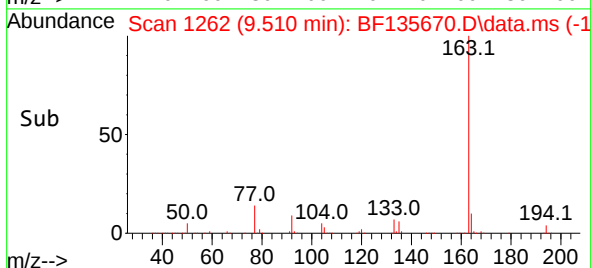
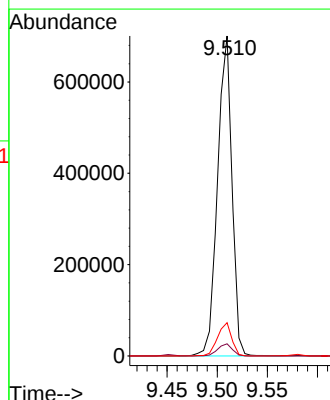
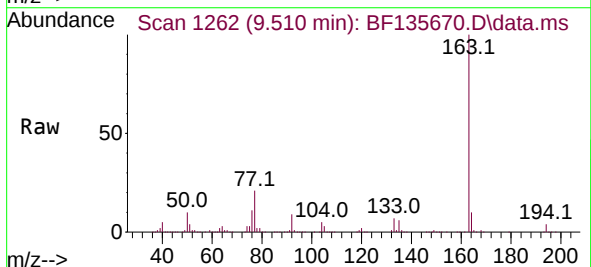
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

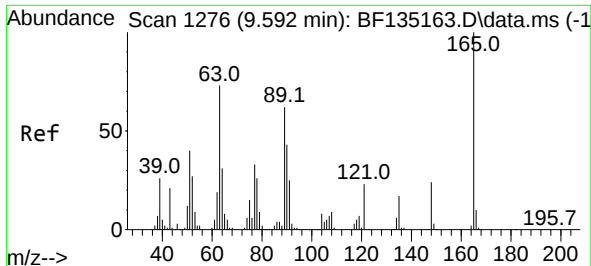
Tgt Ion:152 Resp: 948826
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.5 10.4 15.6



#50
Dimethylphthalate
Concen: 50.882 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:163 Resp: 699614
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.1 12.1

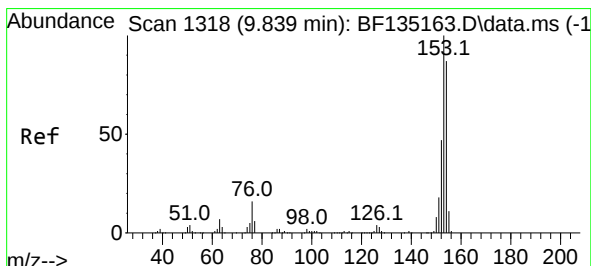
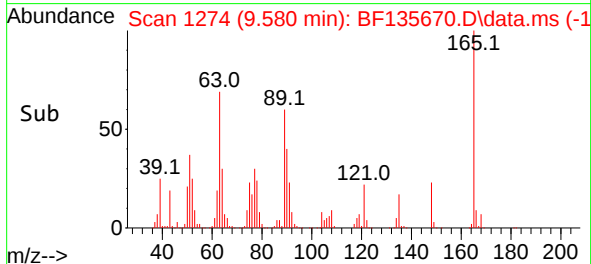
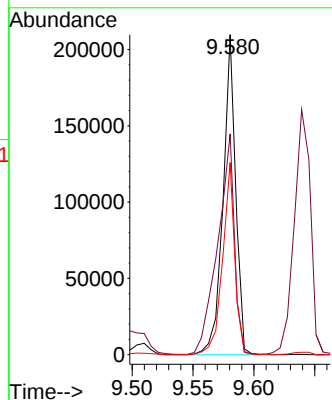
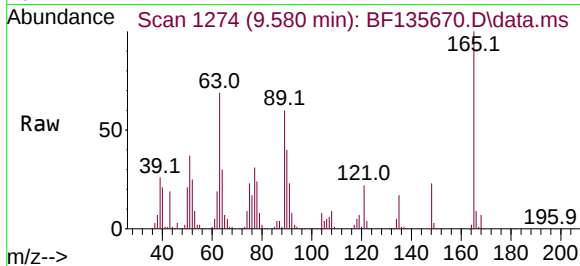




#51
2,6-Dinitrotoluene
Concen: 50.426 ng
RT: 9.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

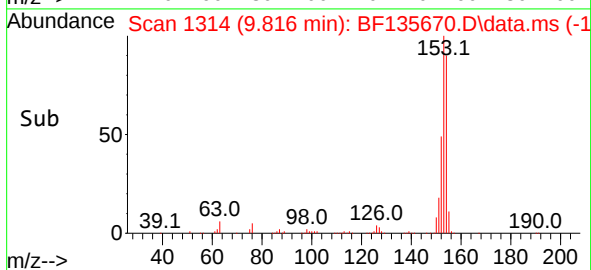
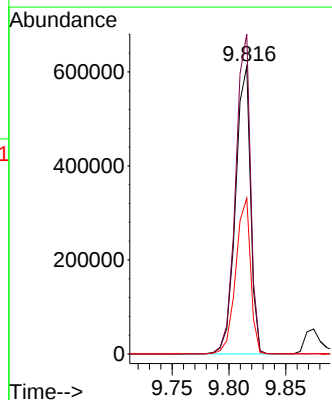
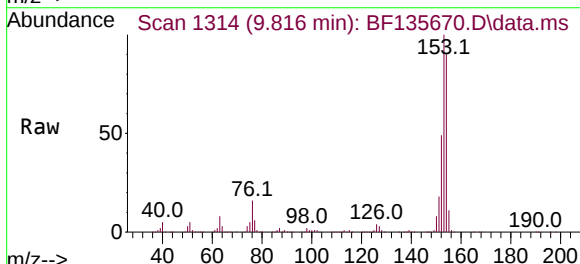
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

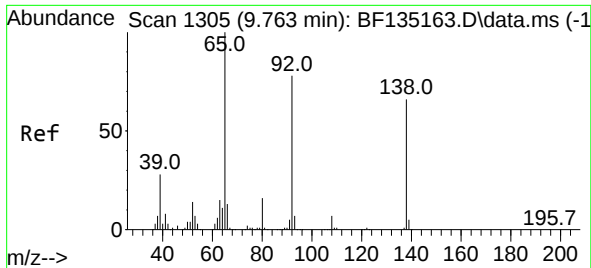
Tgt Ion:165 Resp: 151890
Ion Ratio Lower Upper
165 100
63 69.0 59.4 89.2
89 60.1 49.8 74.8



#52
Acenaphthene
Concen: 50.477 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:154 Resp: 561948
Ion Ratio Lower Upper
154 100
153 111.3 92.1 138.1
152 54.2 43.1 64.7

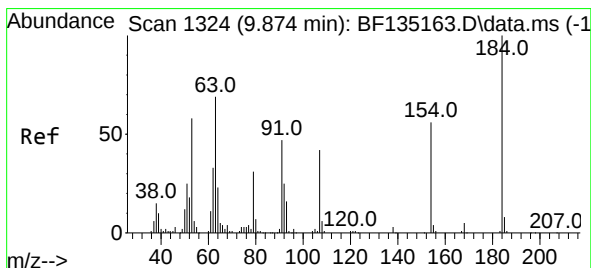
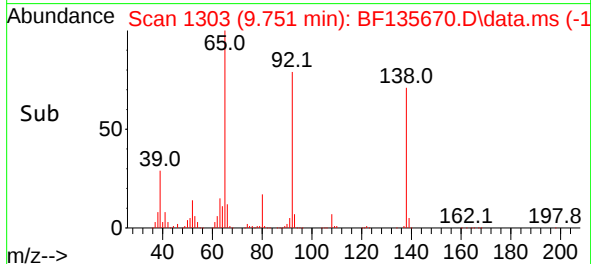
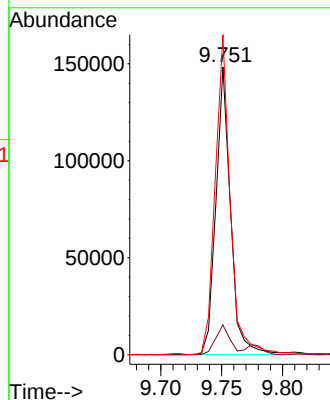
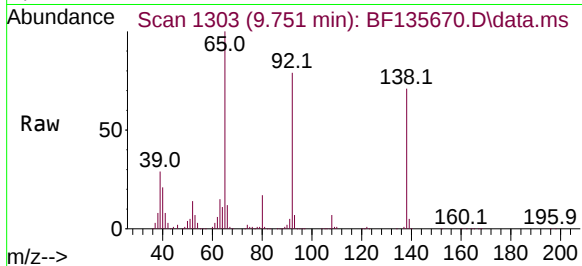




#53
3-Nitroaniline
Concen: 35.264 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

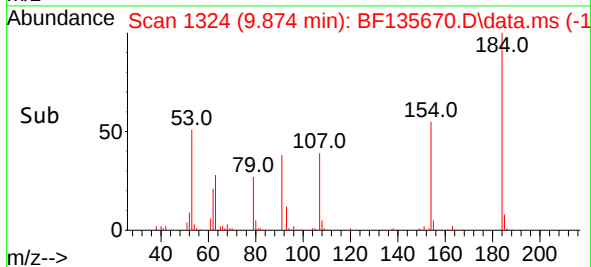
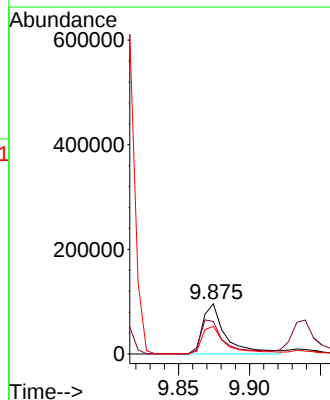
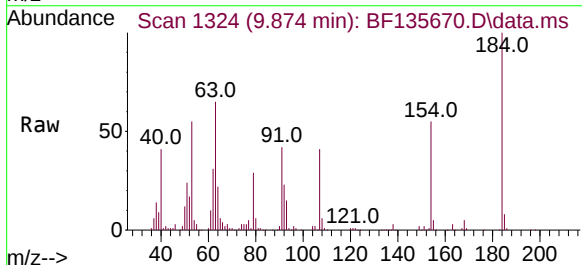
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

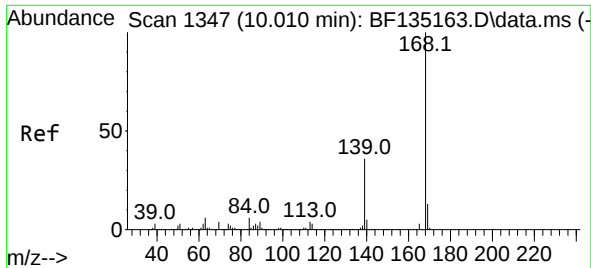
Tgt Ion:138 Resp: 124683
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 111.3 95.4 143.0



#54
2,4-Dinitrophenol
Concen: 64.088 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:184 Resp: 107284
Ion Ratio Lower Upper
184 100
63 65.1 55.1 82.7
154 55.4 48.4 72.6

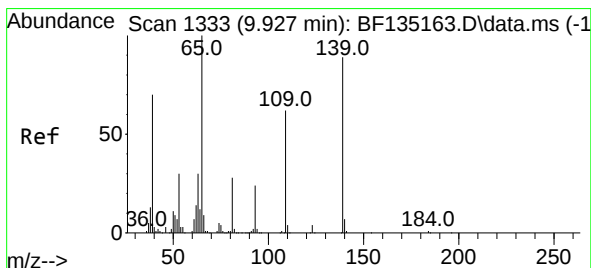
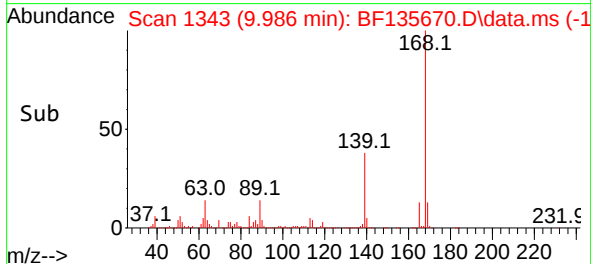
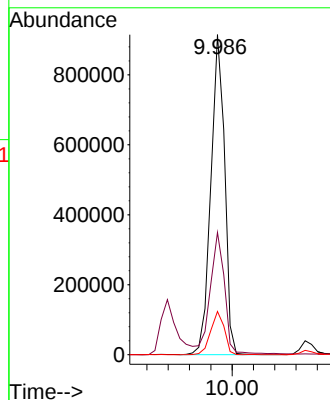
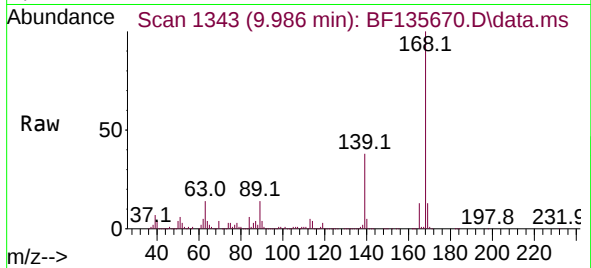




#55
Dibenzenofuran
Concen: 48.233 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

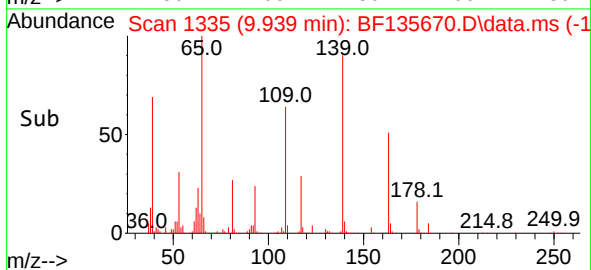
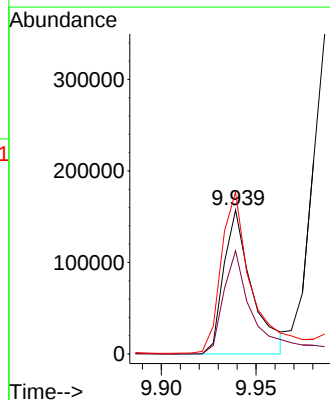
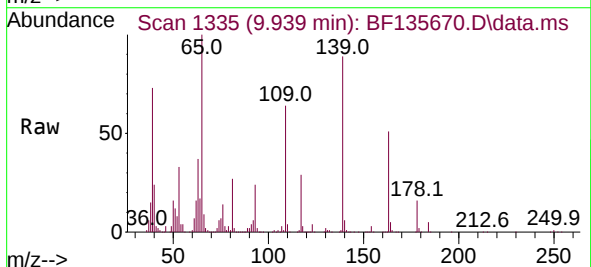
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

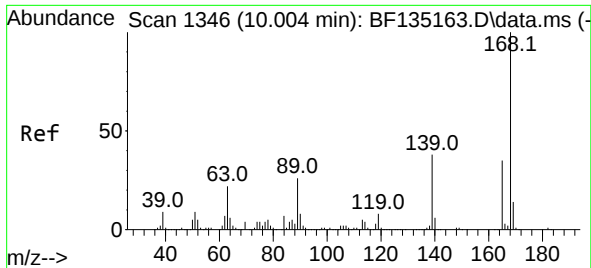
Tgt Ion:168 Resp: 819410
Ion Ratio Lower Upper
168 100
139 38.2 29.0 43.6
169 13.5 10.4 15.6



#56
4-Nitrophenol
Concen: 72.624 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:139 Resp: 163197
Ion Ratio Lower Upper
139 100
109 71.7 49.8 89.8
65 112.3 92.7 132.7

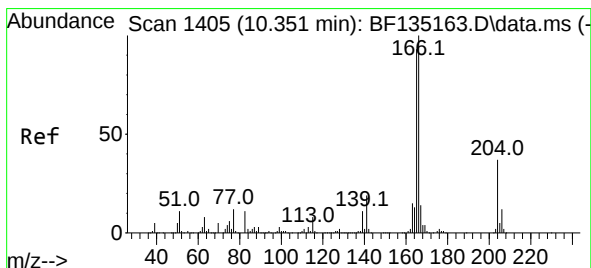
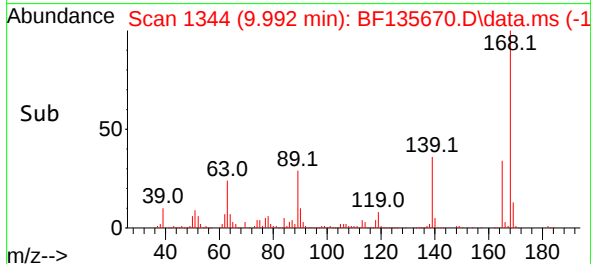
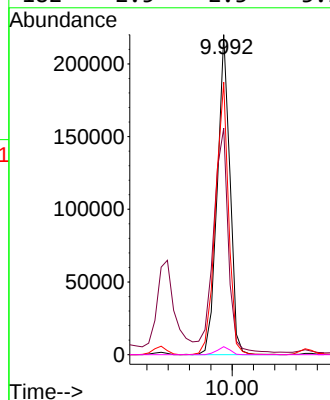
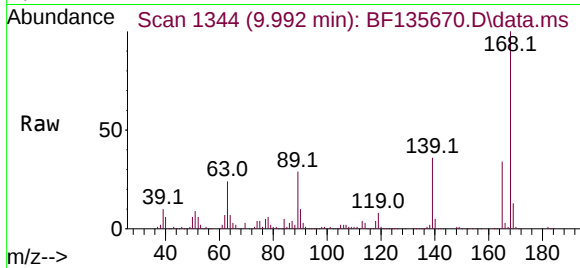




#57
2,4-Dinitrotoluene
Concen: 47.795 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

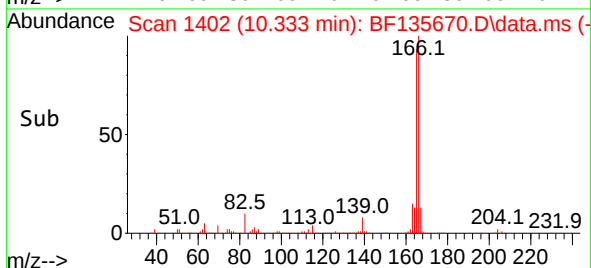
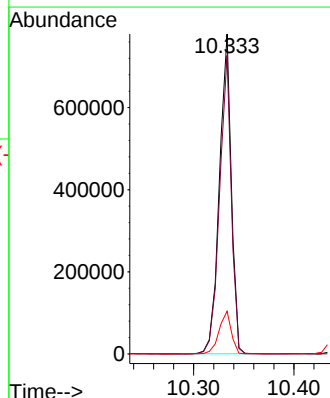
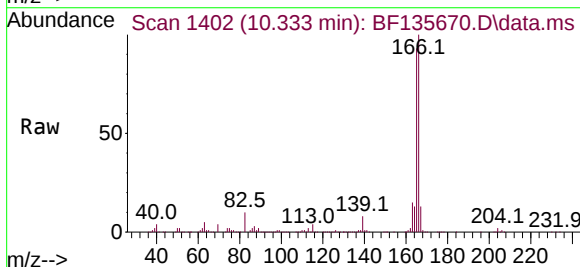
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

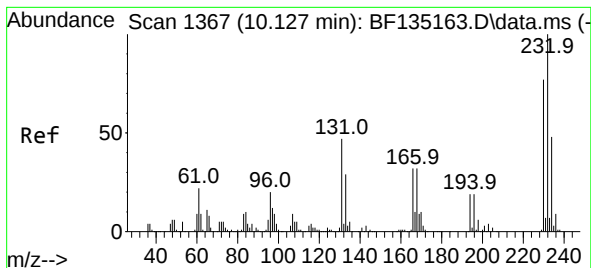
Tgt Ion:165 Resp: 180231
Ion Ratio Lower Upper
165 100
63 70.8 50.1 75.1
89 85.1 59.3 88.9
182 2.5 2.3 3.5



#58
Fluorene
Concen: 49.192 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:166 Resp: 642449
Ion Ratio Lower Upper
166 100
165 93.3 74.3 111.5
167 13.3 10.9 16.3

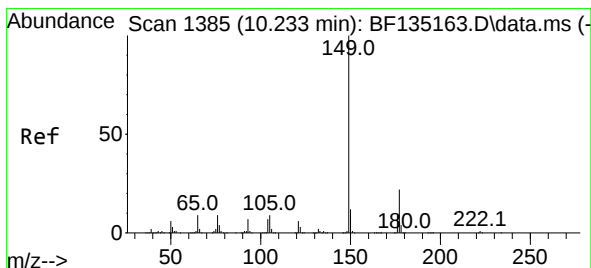
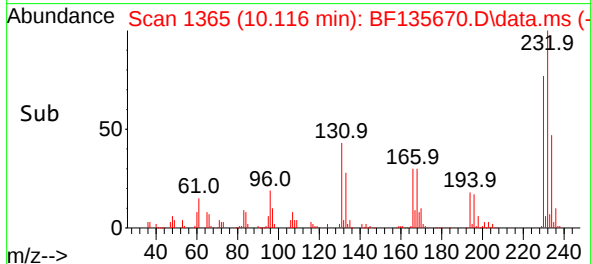
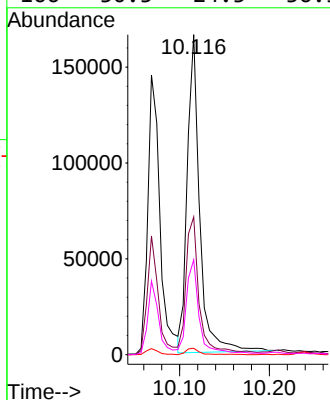
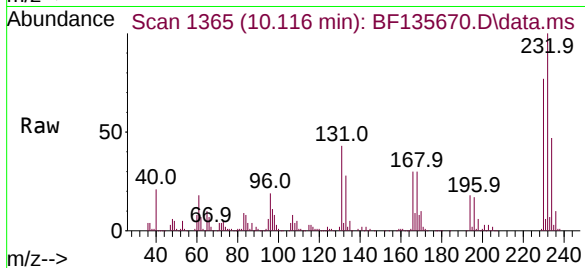




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.731 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

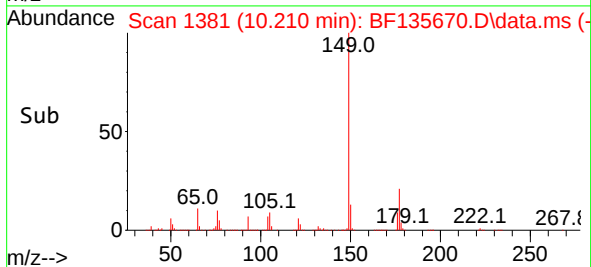
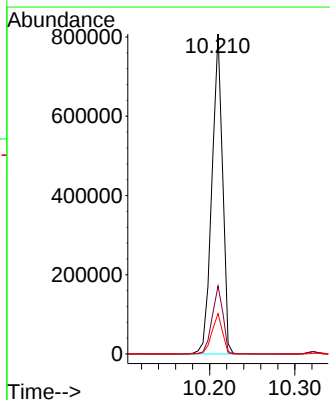
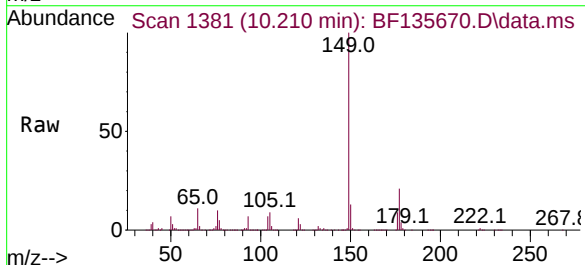
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

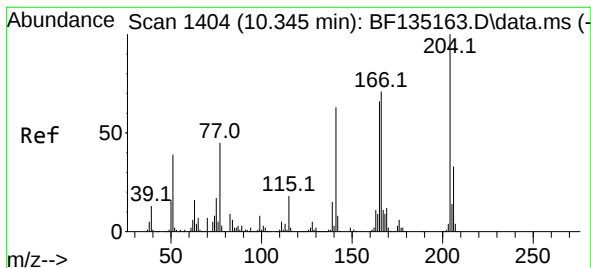
Tgt Ion:232 Resp: 159695
Ion Ratio Lower Upper
232 100
131 45.0 35.4 53.2
130 2.1 1.8 2.8
166 30.3 24.3 36.5



#60
Diethylphthalate
Concen: 50.990 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:149 Resp: 703622
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.6 10.0 15.0

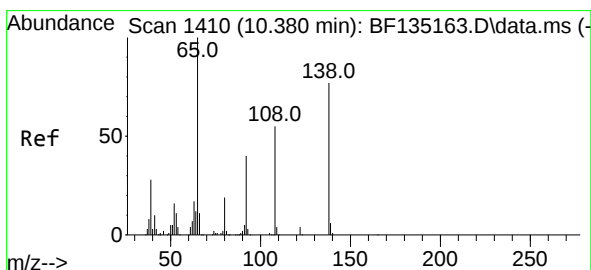
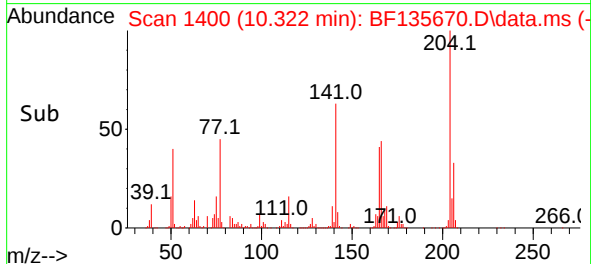
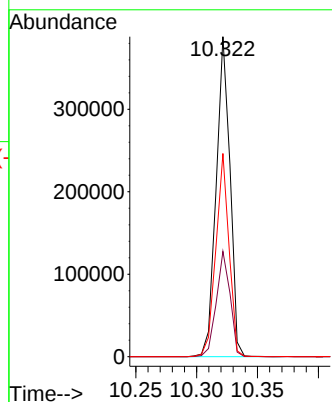
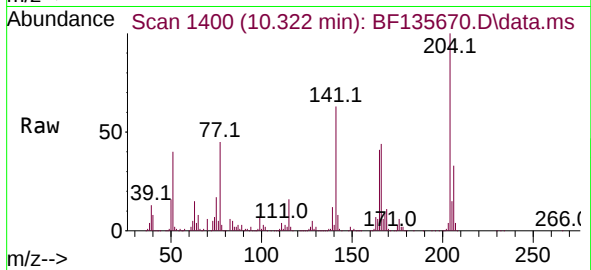




#61
4-Chlorophenyl-phenylether
Concen: 48.941 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

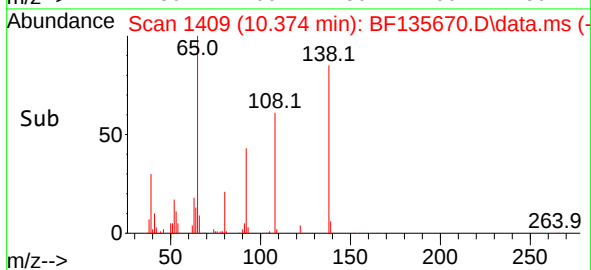
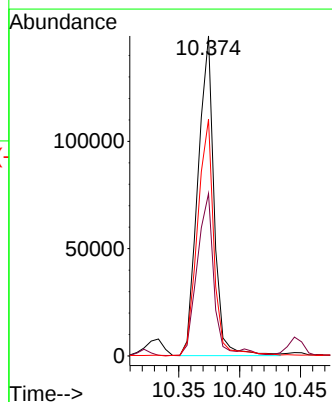
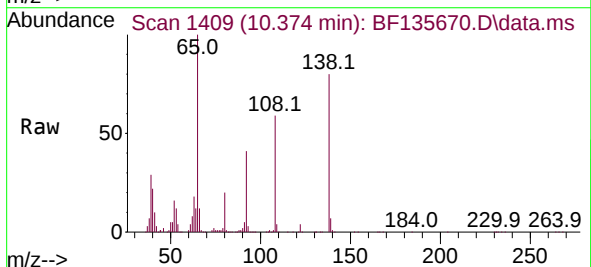
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

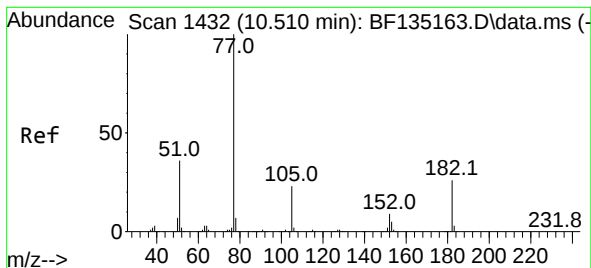
Tgt Ion:204 Resp: 307041
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 63.5 50.6 75.8



#62
4-Nitroaniline
Concen: 40.673 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:138 Resp: 138237
Ion Ratio Lower Upper
138 100
92 50.8 31.8 71.8
108 73.9 52.0 92.0



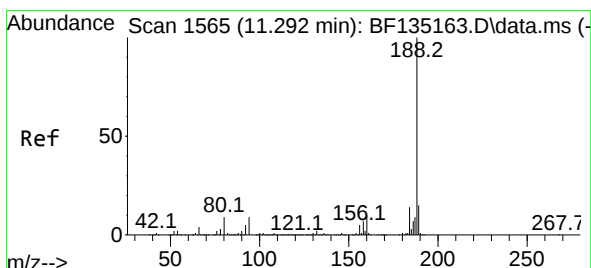
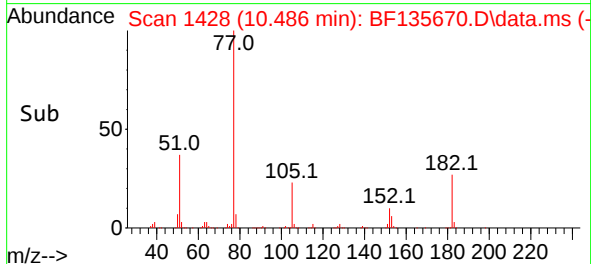
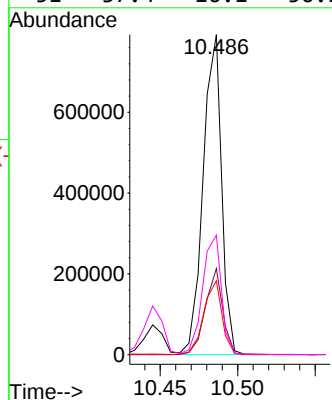
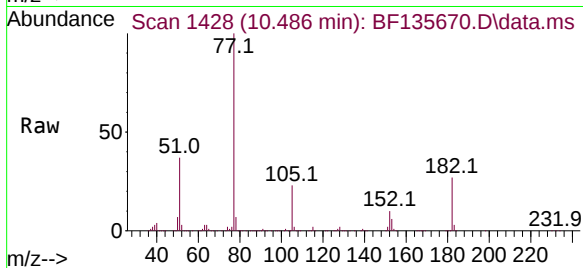


#63
Azobenzene
Concen: 48.412 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 77 Resp: 653806

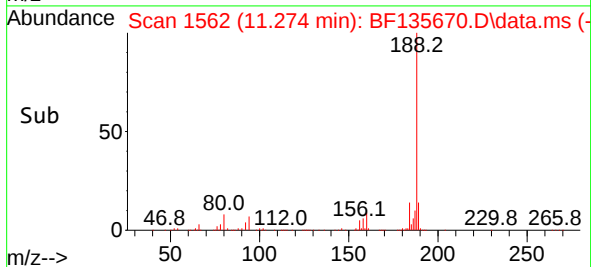
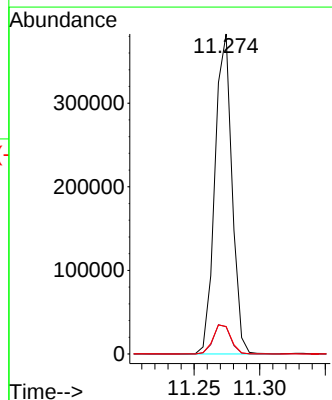
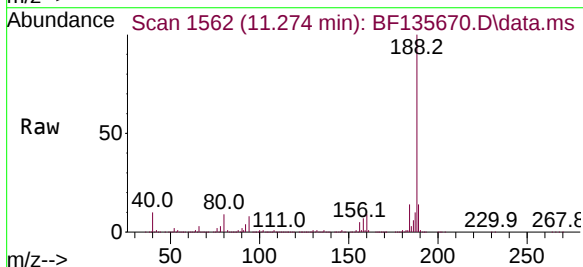
Ion	Ratio	Lower	Upper
77	100		
182	26.9	6.4	46.4
105	23.1	3.1	43.1
51	37.4	16.1	56.1

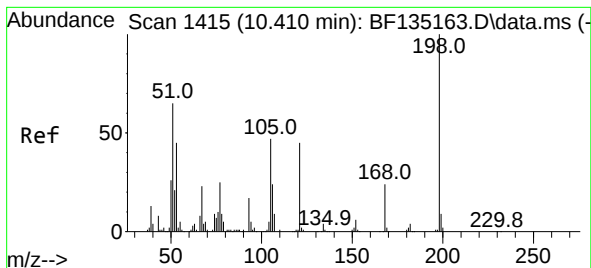


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 188 Resp: 346248

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	8.6	7.5	11.3

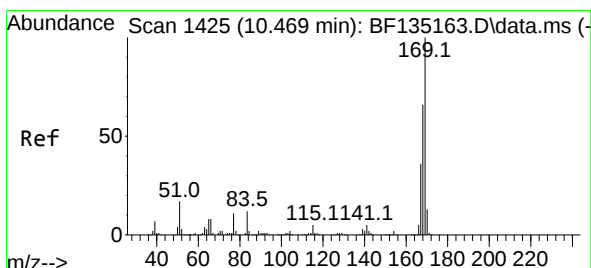
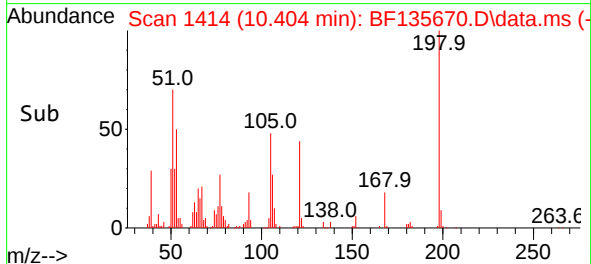
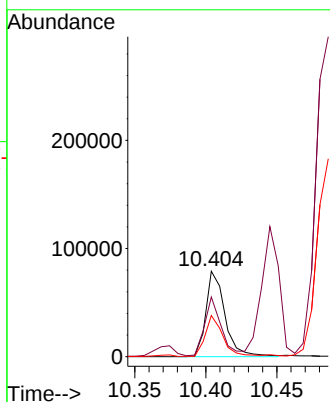
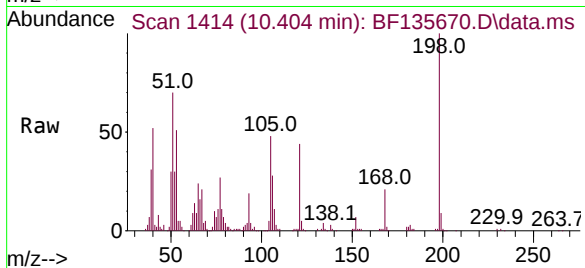




#65
4,6-Dinitro-2-methylphenol
Concen: 40.062 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

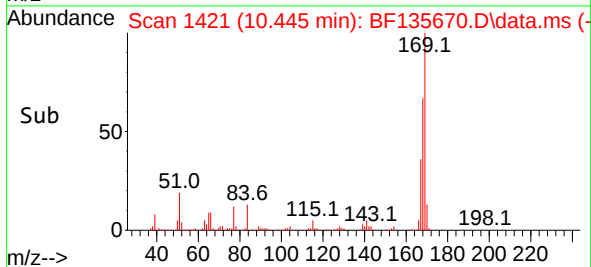
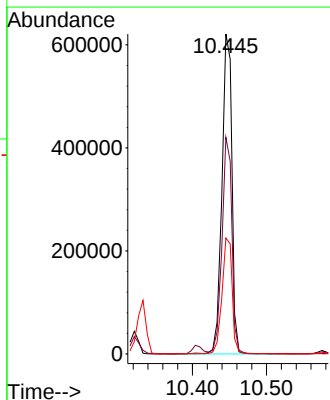
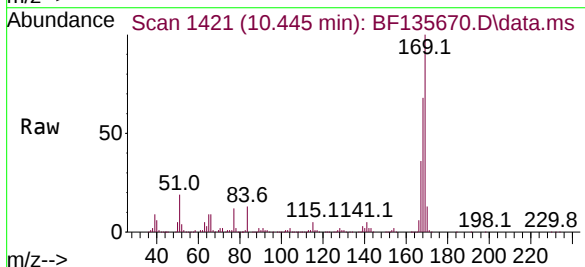
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

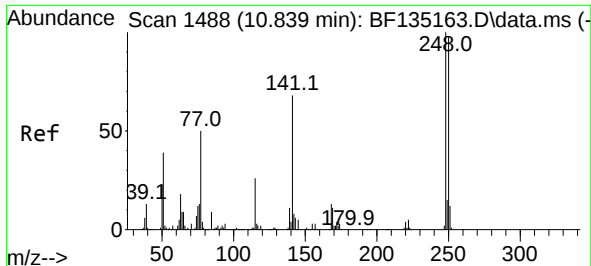
Tgt Ion:198 Resp: 73676
Ion Ratio Lower Upper
198 100
51 70.0 47.7 87.7
105 48.2 27.4 67.4



#66
n-Nitrosodiphenylamine
Concen: 55.665 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:169 Resp: 583515
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 36.2 29.0 43.6

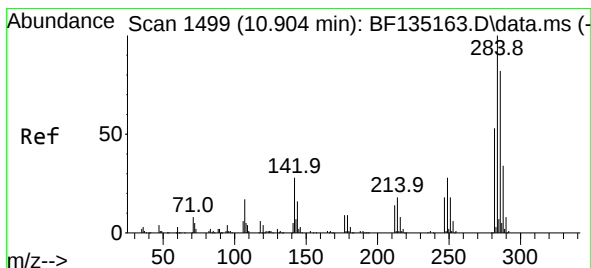
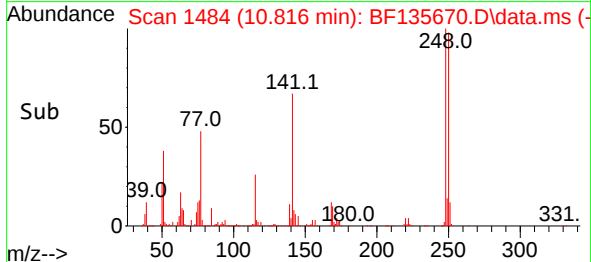
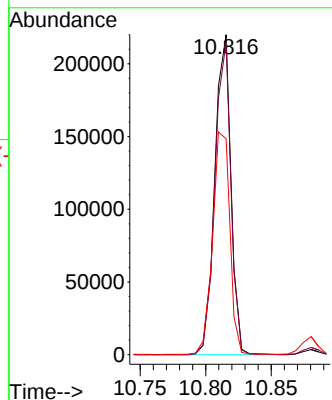
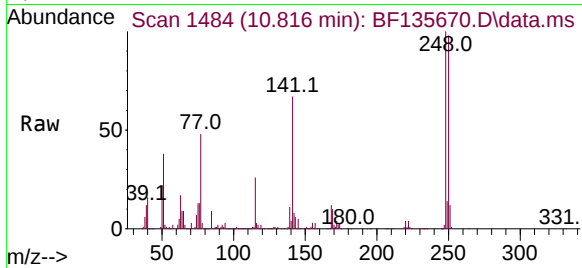




#67
4-Bromophenyl-phenylether
Concen: 54.569 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

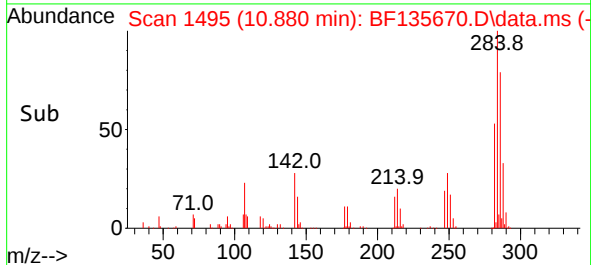
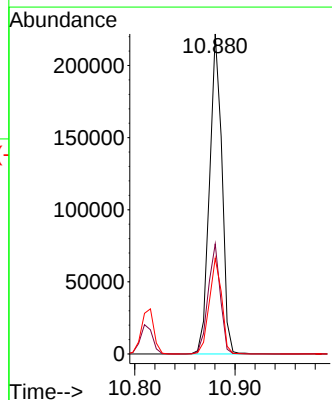
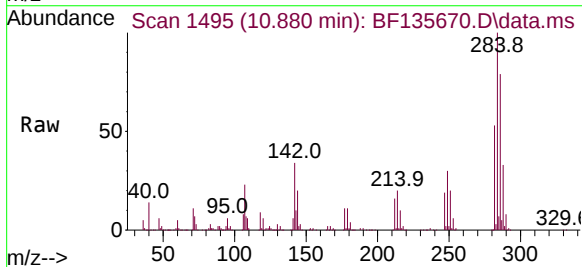
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

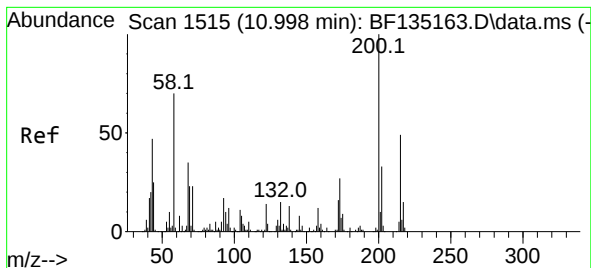
Tgt Ion:248 Resp: 187918
Ion Ratio Lower Upper
248 100
250 97.6 78.6 117.8
141 67.5 54.2 81.2



#68
Hexachlorobenzene
Concen: 54.469 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:284 Resp: 191096
Ion Ratio Lower Upper
284 100
142 34.4 22.2 33.4#
249 30.0 22.5 33.7





#69

Atrazine

Concen: 63.874 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

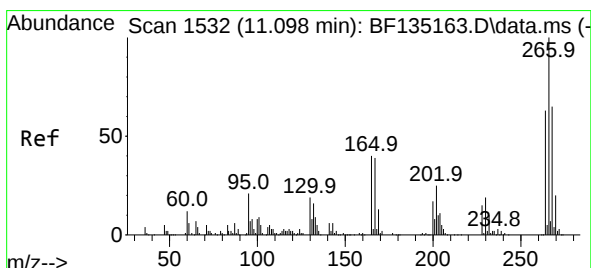
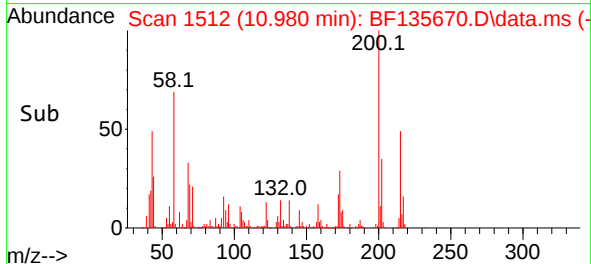
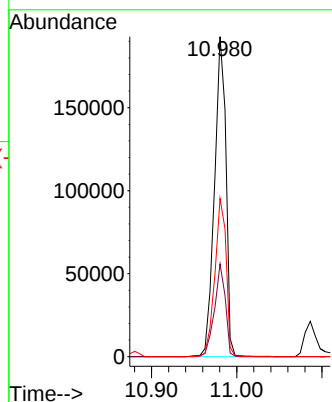
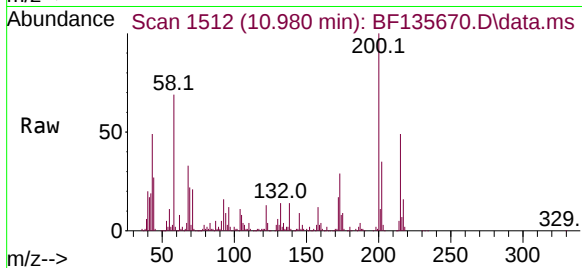
Tgt Ion:200 Resp: 180161

Ion Ratio Lower Upper

200 100

173 29.0 7.4 47.4

215 49.5 28.6 68.6



#70

Pentachlorophenol

Concen: 69.854 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

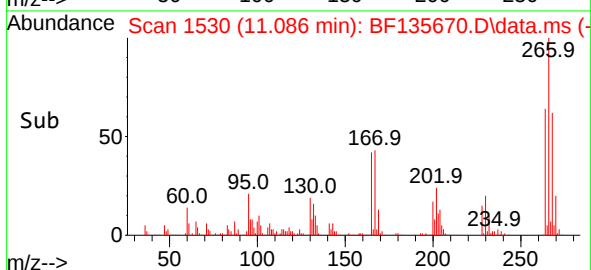
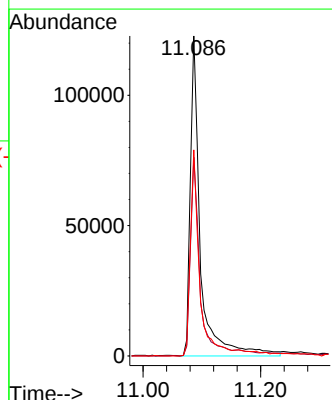
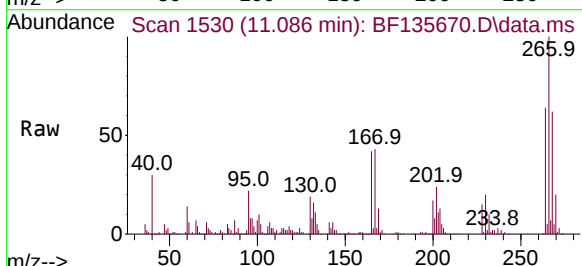
Tgt Ion:266 Resp: 146626

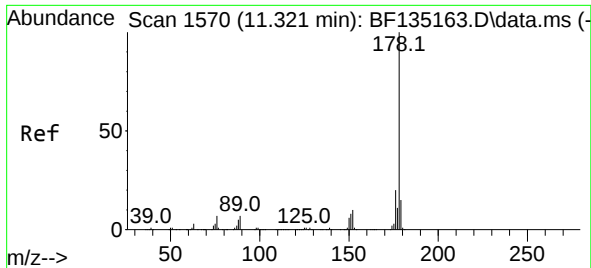
Ion Ratio Lower Upper

266 100

268 62.1 52.1 78.1

264 64.4 50.8 76.2

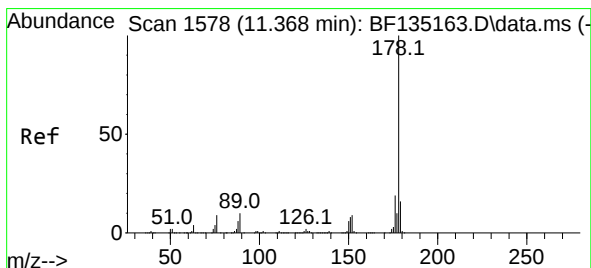
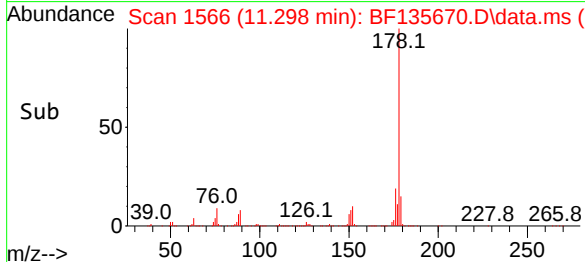
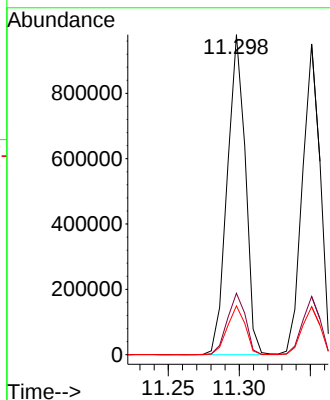
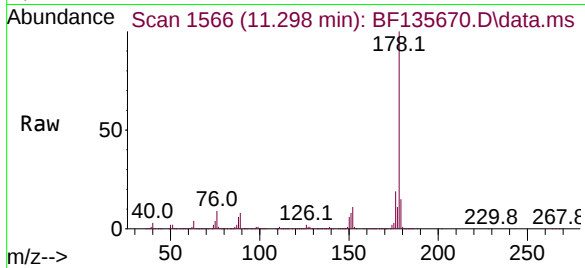




#71
Phenanthrene
Concen: 52.924 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

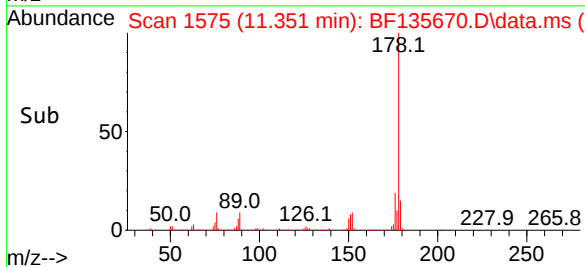
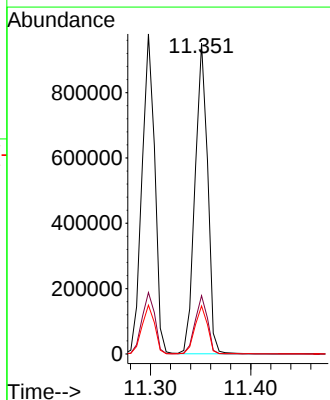
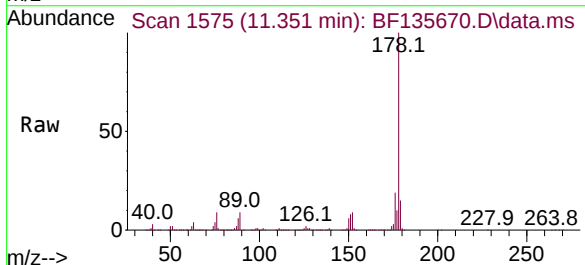
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

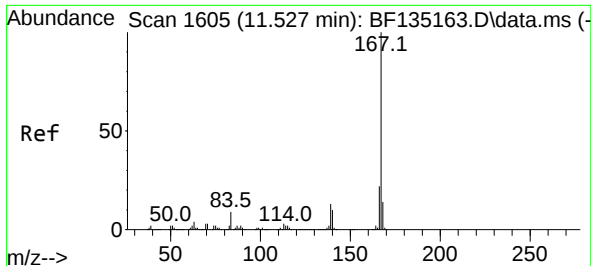
Tgt Ion:178 Resp: 866691
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.0 18.0



#72
Anthracene
Concen: 49.239 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:178 Resp: 828826
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 19.0

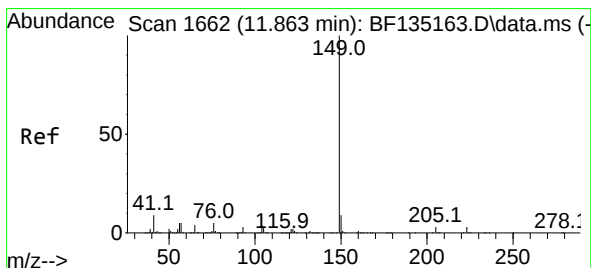
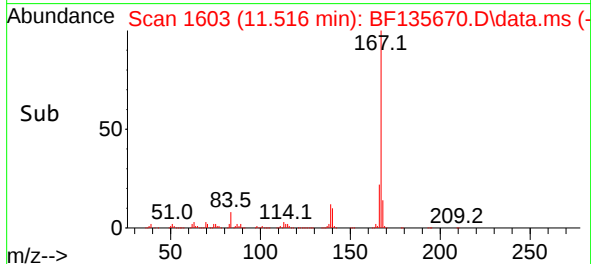
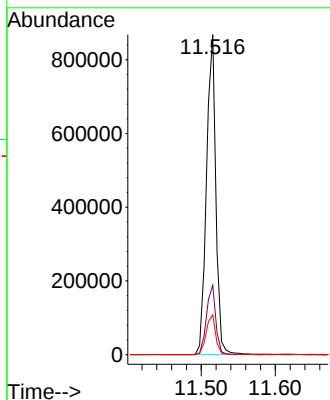
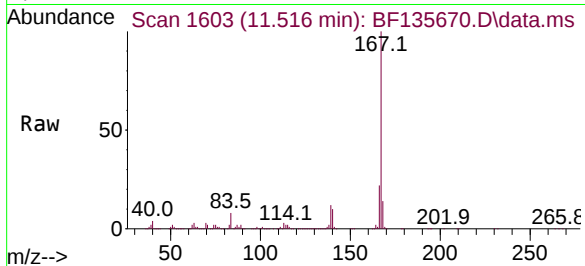




#73
Carbazole
Concen: 49.924 ng
RT: 11.516 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

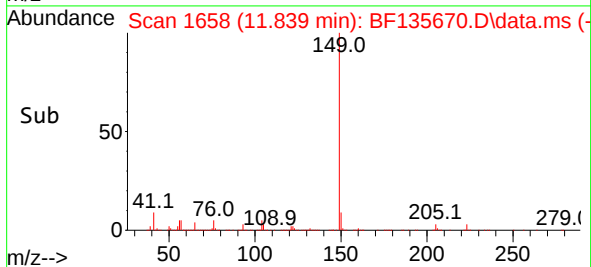
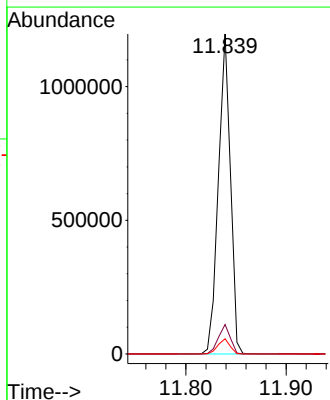
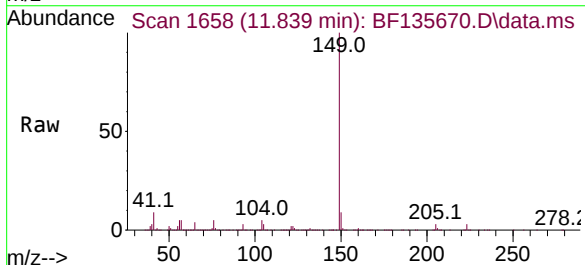
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

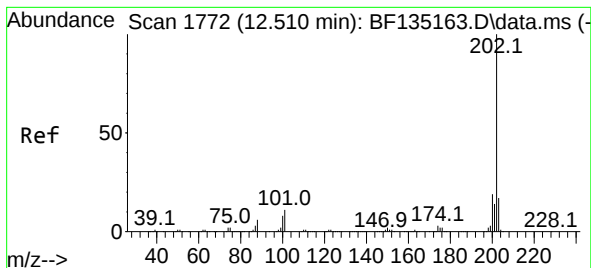
Tgt Ion:167 Resp: 765004
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 12.5 10.6 15.8



#74
Di-n-butylphthalate
Concen: 55.064 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:149 Resp: 994237
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 49.592 ng

RT: 12.492 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

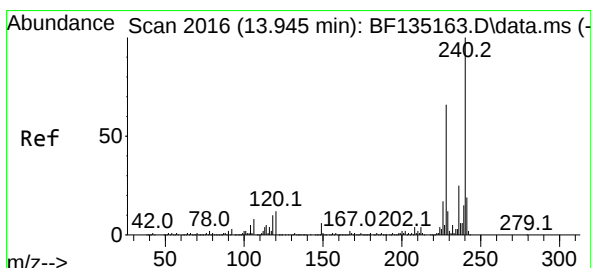
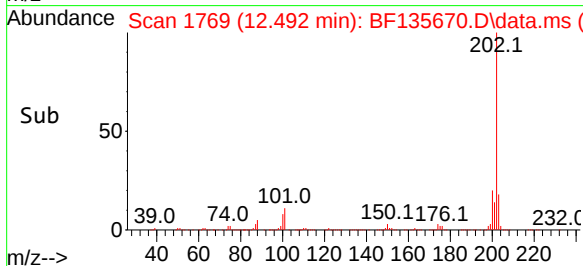
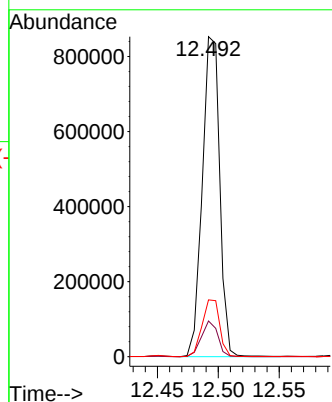
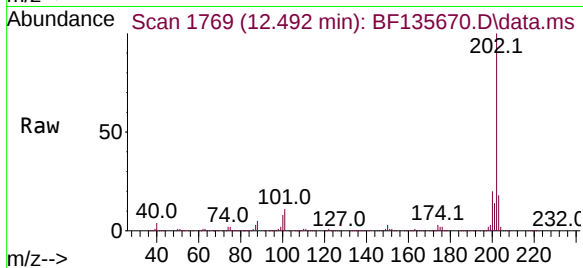
Tgt Ion:202 Resp: 846217

Ion Ratio Lower Upper

202 100

101 11.2 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: BF135670.D

Acq: 10 Oct 2023 01:16

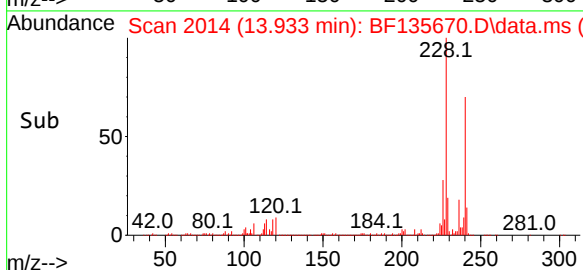
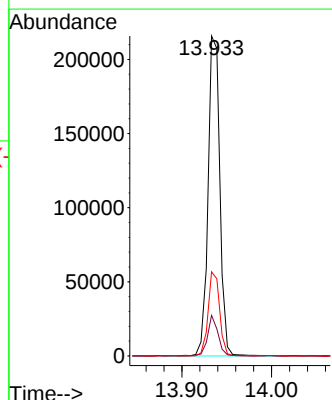
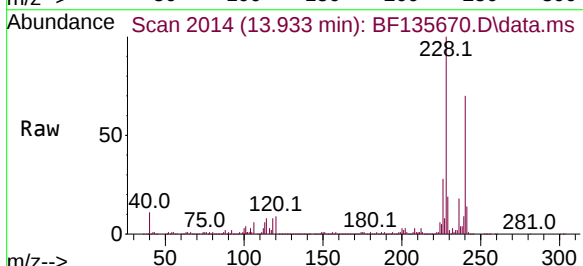
Tgt Ion:240 Resp: 196747

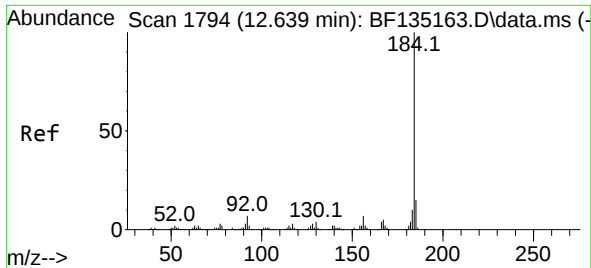
Ion Ratio Lower Upper

240 100

120 12.7 9.4 14.2

236 26.3 19.8 29.8

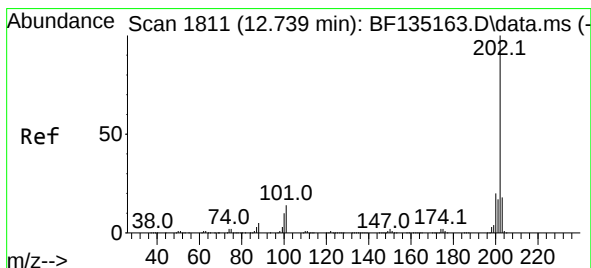
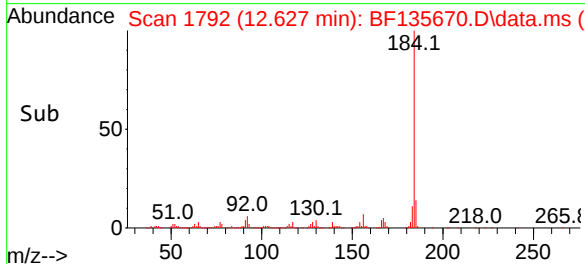
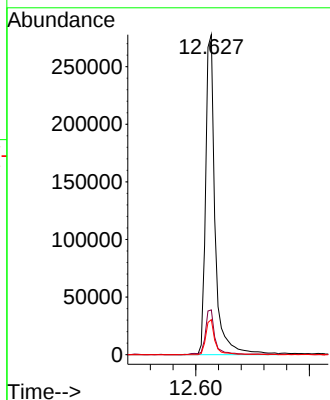
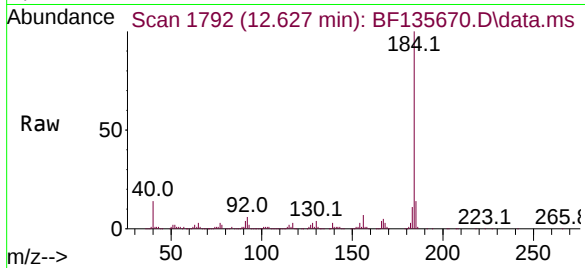




#77
Benzidine
Concen: 79.637 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

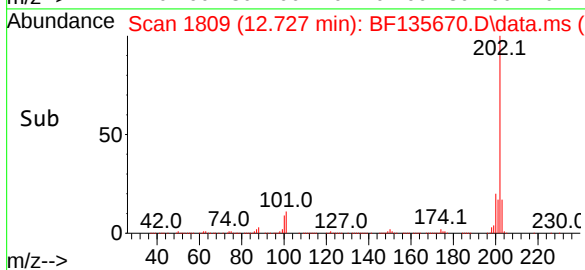
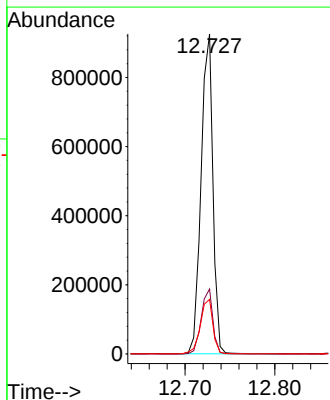
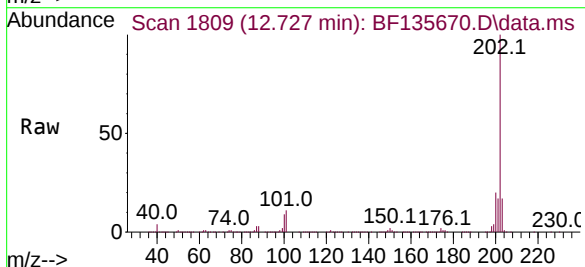
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

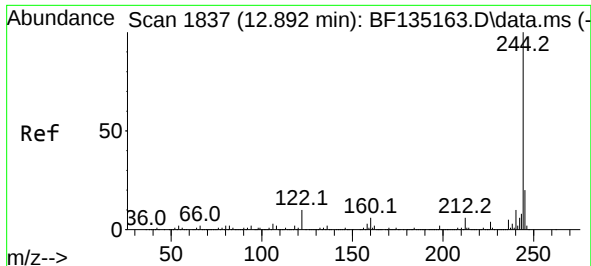
Tgt Ion:184 Resp: 320995
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.9 8.2 12.4



#78
Pyrene
Concen: 45.156 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:202 Resp: 845848
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.1 14.2 21.4

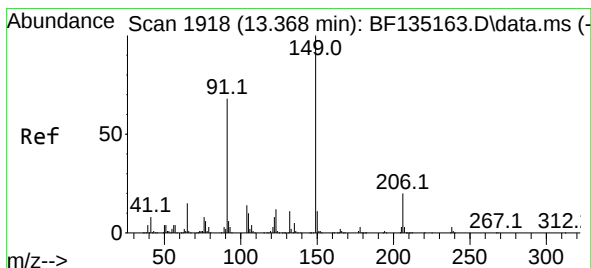
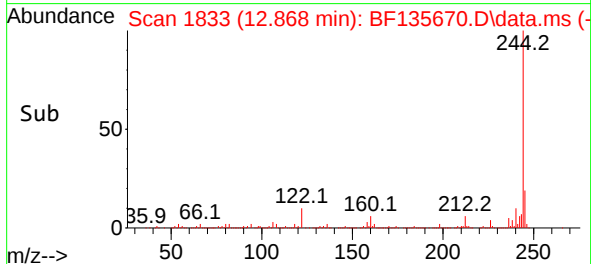
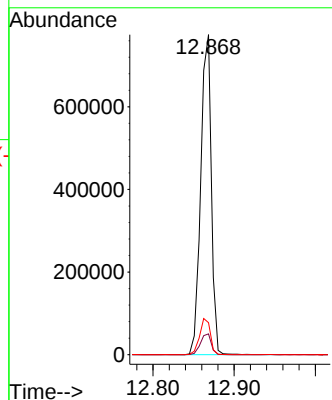
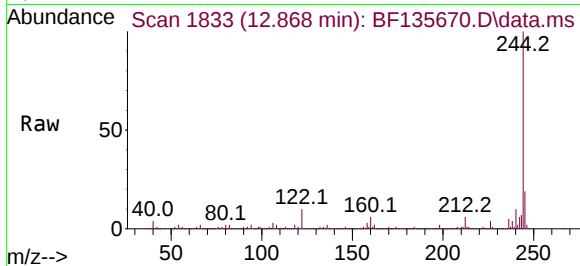




#79
 Terphenyl-d14
 Concen: 55.505 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

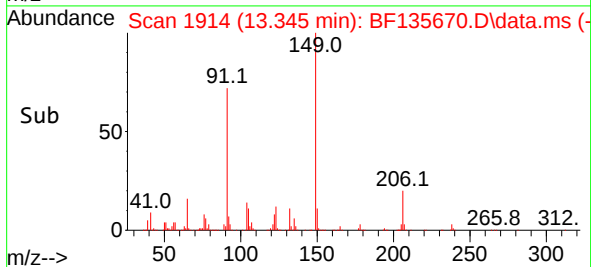
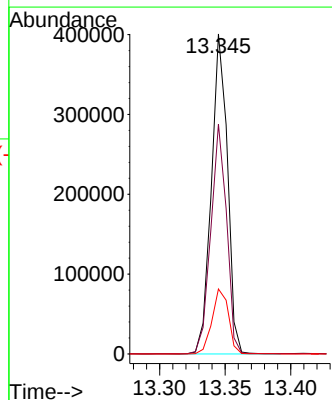
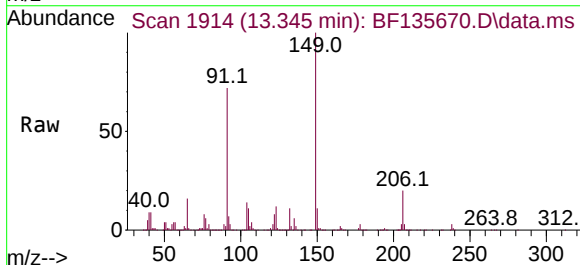
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

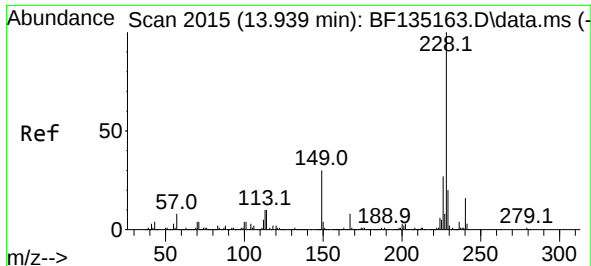
Tgt Ion:244 Resp: 704463
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.0 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 51.809 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

Tgt Ion:149 Resp: 341686
 Ion Ratio Lower Upper
 149 100
 91 71.9 54.7 82.1
 206 20.3 16.3 24.5

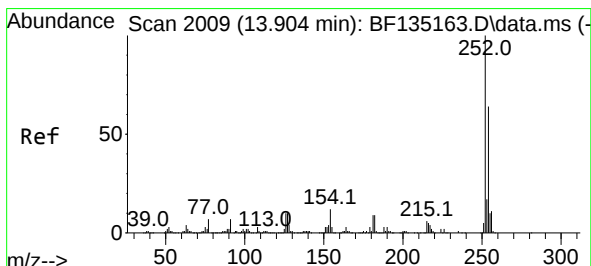
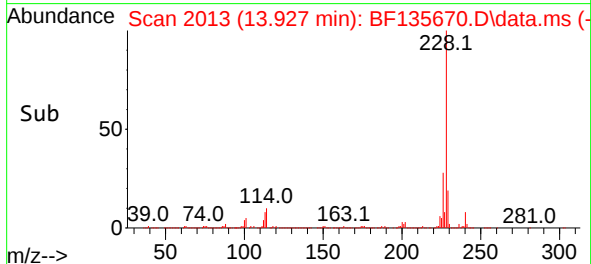
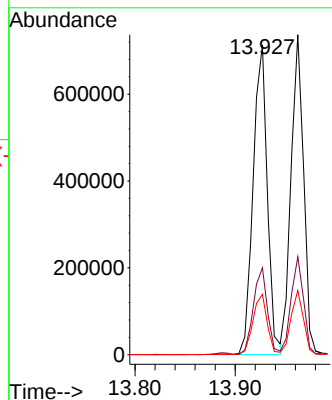
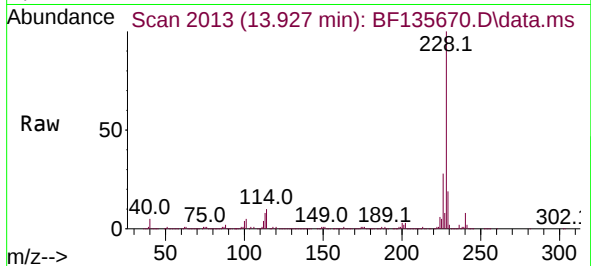




#81
Benzo(a)anthracene
Concen: 55.092 ng
RT: 13.927 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

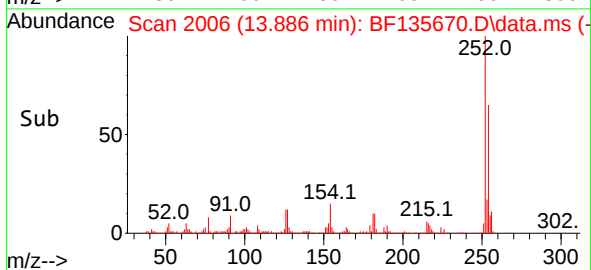
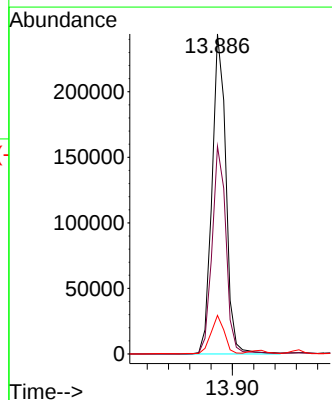
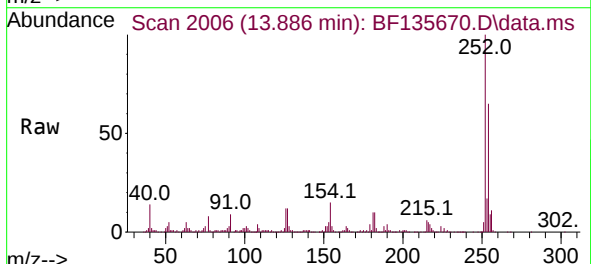
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

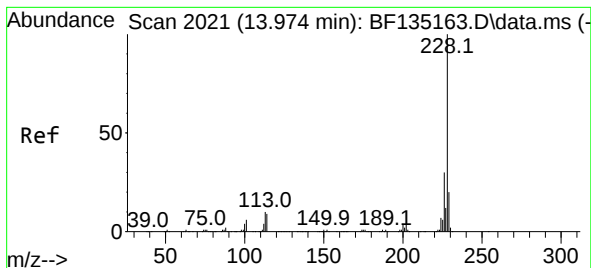
Tgt Ion:228 Resp: 699912
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 55.801 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:252 Resp: 221434
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 12.1 7.8 11.8#





#83

Chrysene

Concen: 50.923 ng

RT: 13.962 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

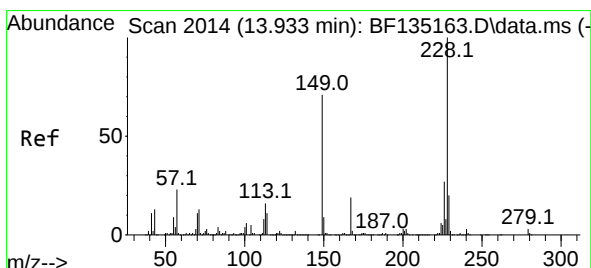
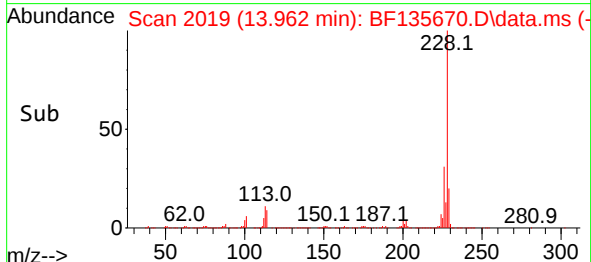
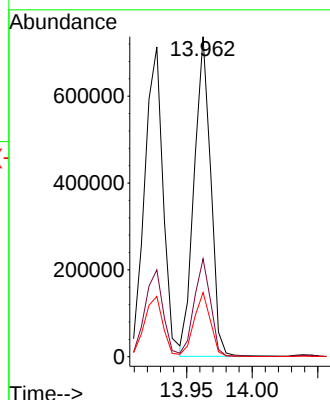
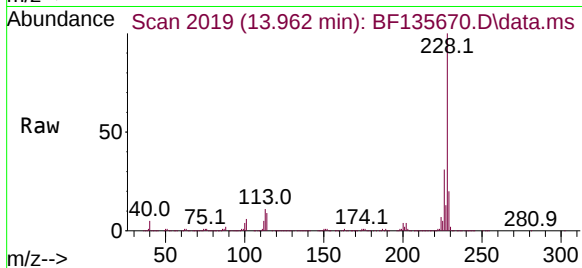
Tgt Ion:228 Resp: 643222

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: 68.797 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

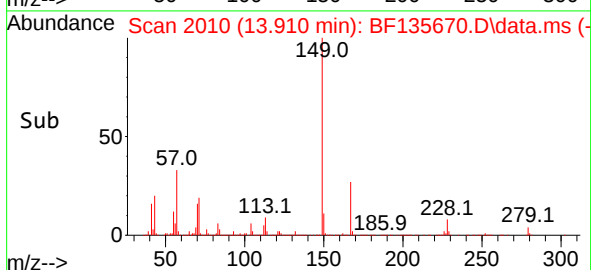
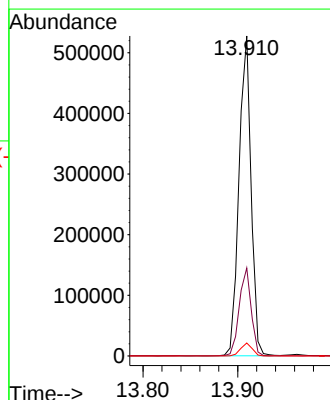
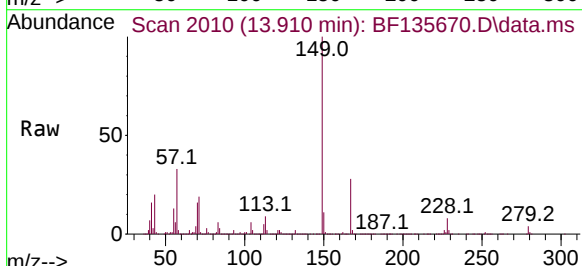
Tgt Ion:149 Resp: 465606

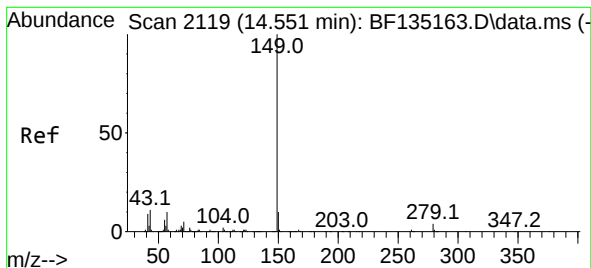
Ion Ratio Lower Upper

149 100

167 27.5 21.9 32.9

279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 73.155 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

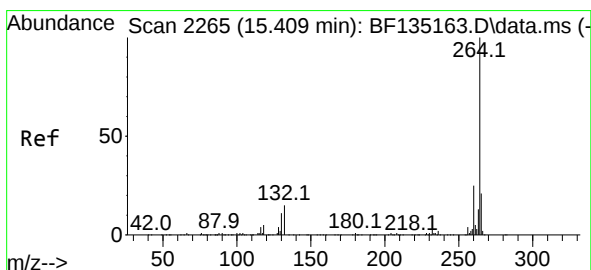
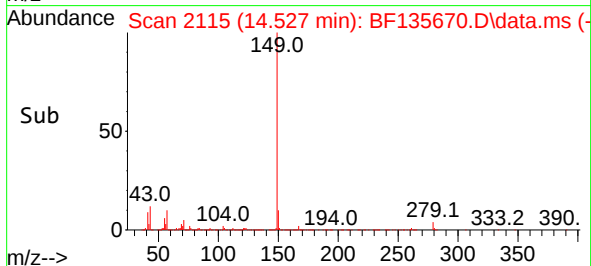
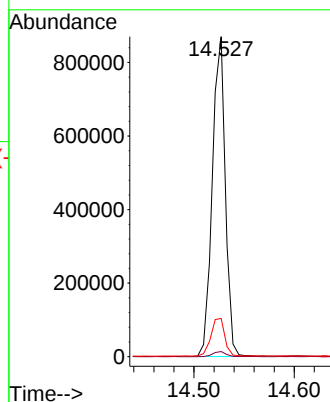
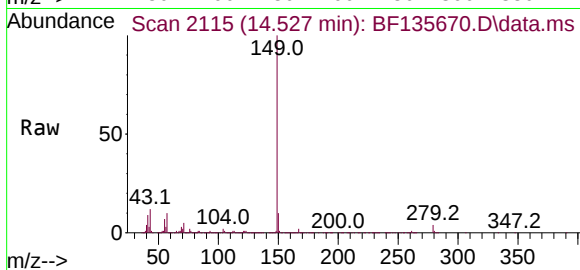
Tgt Ion:149 Resp: 786803

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 12.9 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: BF135670.D

Acq: 10 Oct 2023 01:16

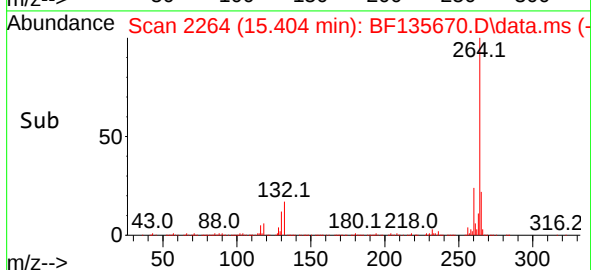
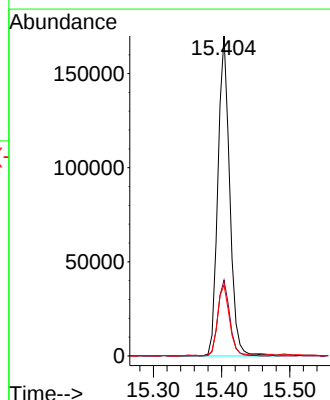
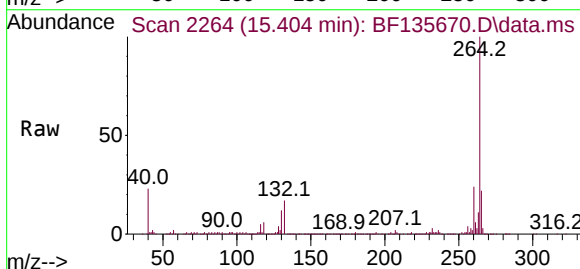
Tgt Ion:264 Resp: 204196

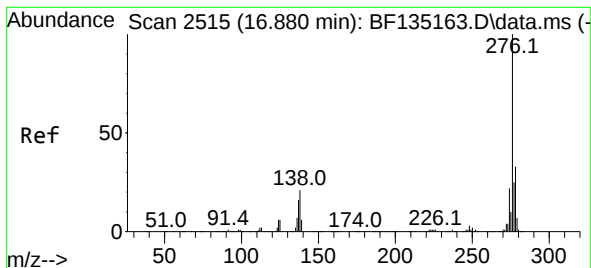
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 22.1 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.824 ng

RT: 16.898 min Scan# 2192

Delta R.T. 0.029 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

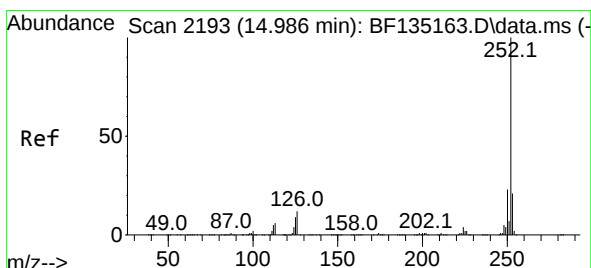
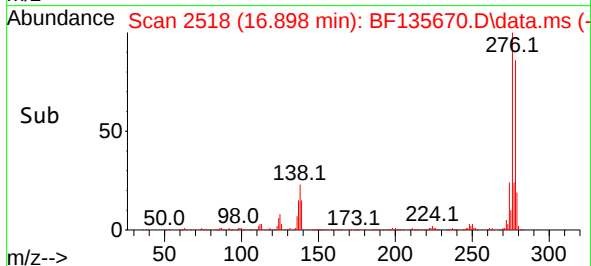
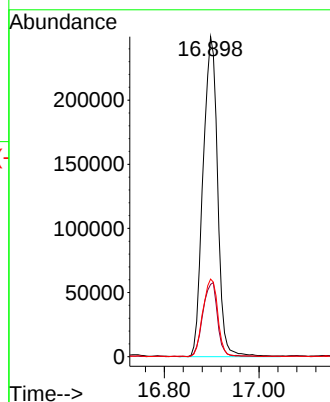
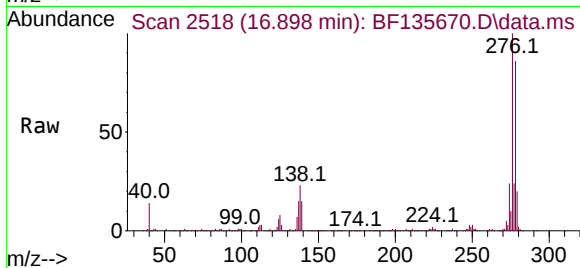
Tgt Ion:276 Resp: 533188

Ion Ratio Lower Upper

276 100

138 23.2 19.2 28.8

277 25.0 19.7 29.5



#88

Benzo(b)fluoranthene

Concen: 58.056 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.018 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

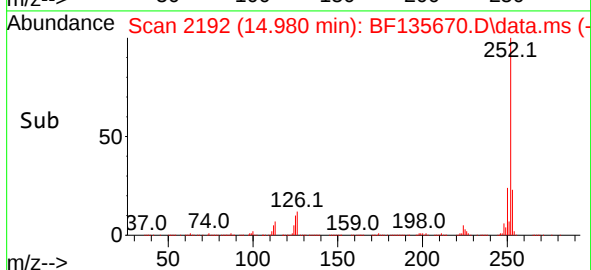
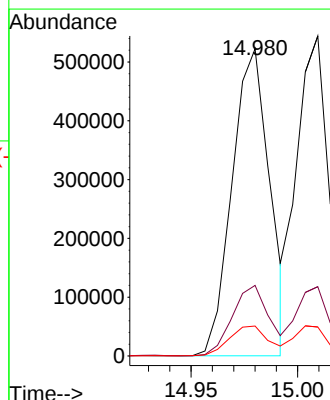
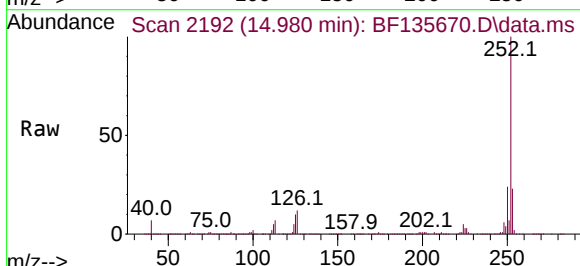
Tgt Ion:252 Resp: 641739

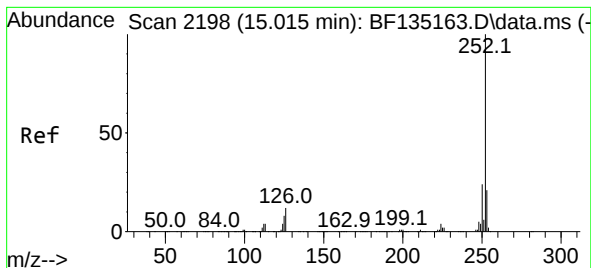
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 9.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.178 ng

RT: 15.009 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

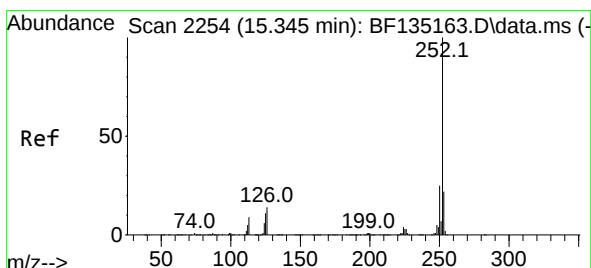
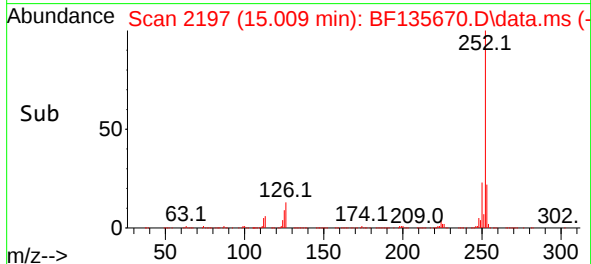
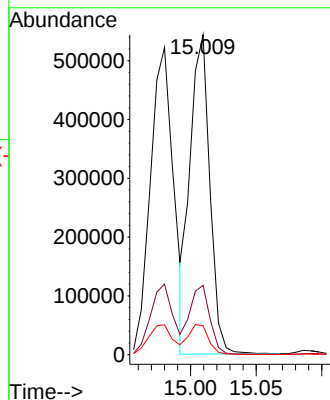
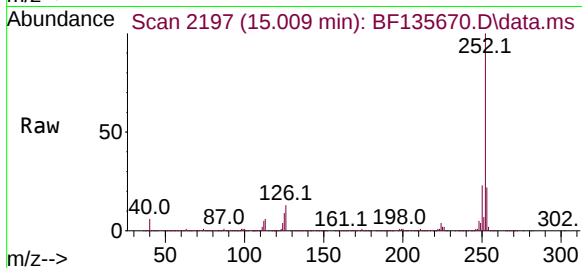
Tgt Ion:252 Resp: 569744

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 9.1 7.2 10.8



#90

Benzo(a)pyrene

Concen: 50.573 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

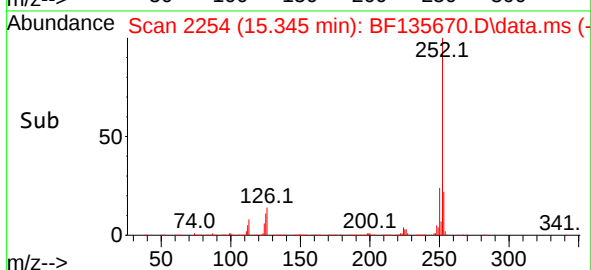
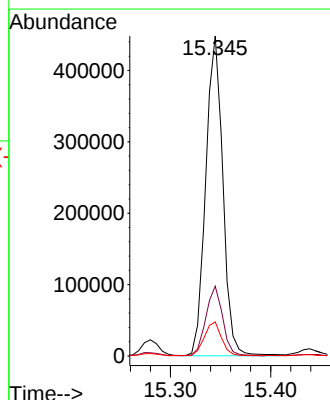
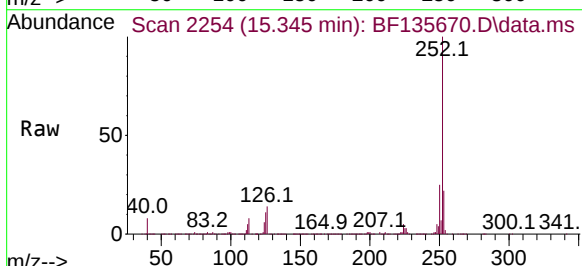
Tgt Ion:252 Resp: 533111

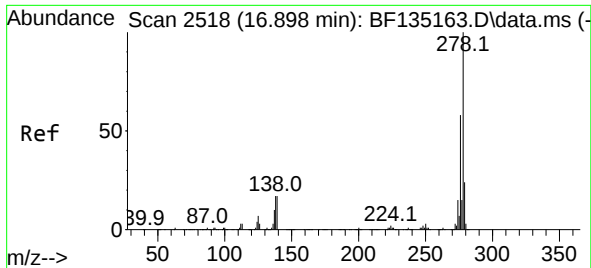
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 10.6 9.2 13.8

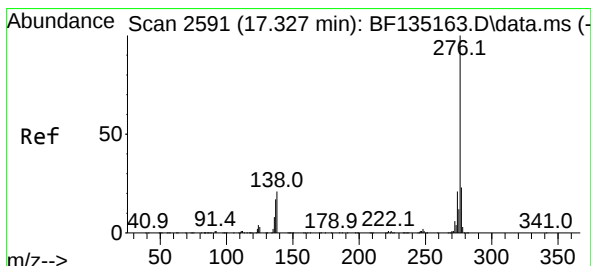
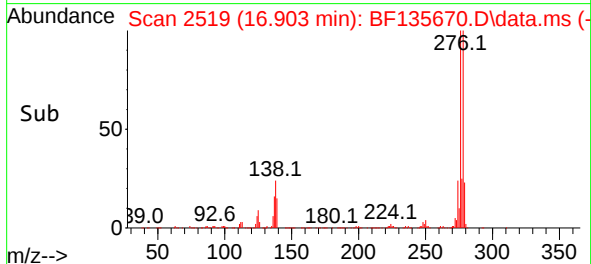
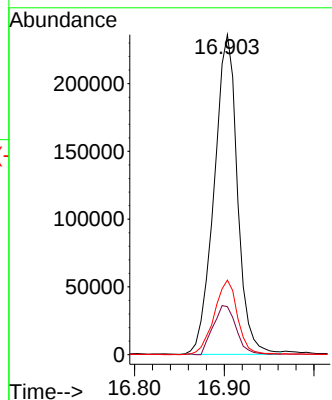
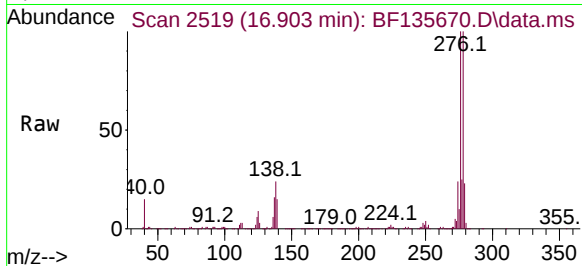




#91
Dibenzo(a,h)anthracene
Concen: 38.826 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 425325
Ion Ratio Lower Upper
278 100
139 15.0 13.4 20.0
279 23.3 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 36.541 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.029 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:276 Resp: 418059
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 19.5 16.9 25.3

