

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134856.D
 Acq On : 18 Aug 2023 23:39
 Operator : CG\JU
 Sample : 04070-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Aug 19 02:44:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	133028	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	529568	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	232917	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	321998	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	257282	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	189841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	905969	103.524	ng	0.00
7) Phenol-d6	6.434	99	1162923	103.955	ng	0.00
23) Nitrobenzene-d5	7.357	82	710815	83.881	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	224335	94.482	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1130258	80.684	ng	-0.01
79) Terphenyl-d14	12.910	244	890616	61.024	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	154662	38.412	ng	# 92
3) Pyridine	3.334	79	390355	35.777	ng	90
4) n-Nitrosodimethylamine	3.299	42	209461	40.179	ng	# 60
6) Aniline	6.457	93	512056	34.898	ng	97
8) 2-Chlorophenol	6.581	128	442161	50.087	ng	94
9) Benzaldehyde	6.345	77	185518	32.038	ng	98
10) Phenol	6.451	94	532234	48.279	ng	95
11) bis(2-Chloroethyl)ether	6.534	93	406143	46.377	ng	94
12) 1,3-Dichlorobenzene	6.734	146	446411	48.875	ng	96
13) 1,4-Dichlorobenzene	6.810	146	456439	49.863	ng	98
14) 1,2-Dichlorobenzene	6.963	146	433465	50.822	ng	96
15) Benzyl Alcohol	6.940	79	375729	48.686	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.075	45	595693	43.418	ng	92
17) 2-Methylphenol	7.051	107	348698	44.699	ng	93
18) Hexachloroethane	7.304	117	163018	50.741	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	278814	41.628	ng	93
20) 3+4-Methylphenols	7.204	107	398081	42.313	ng	# 86
22) Acetophenone	7.204	105	542065	44.339	ng	# 93
24) Nitrobenzene	7.375	77	435944	47.618	ng	97
25) Isophorone	7.616	82	795428	43.036	ng	98
26) 2-Nitrophenol	7.692	139	227698	57.406	ng	# 88
27) 2,4-Dimethylphenol	7.728	122	356021	43.170	ng	86
28) bis(2-Chloroethoxy)met...	7.828	93	487573	44.099	ng	100
29) 2,4-Dichlorophenol	7.934	162	354804	47.402	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	386024	48.363	ng	98
31) Naphthalene	8.098	128	1179290	44.309	ng	99
32) Benzoic acid	7.851	122	238407	44.920	ng	93
33) 4-Chloroaniline	8.145	127	355807	30.003	ng	98
34) Hexachlorobutadiene	8.210	225	219893	47.761	ng	96
35) Caprolactam	8.516	113	106901	44.268	ng	99
36) 4-Chloro-3-methylphenol	8.628	107	351287	44.316	ng	94
37) 2-Methylnaphthalene	8.786	142	741134	42.011	ng	99
38) 1-Methylnaphthalene	8.886	142	708428	43.184	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	356437	52.626	ng	99
41) Hexachlorocyclopentadiene	8.939	237	131143	39.817	ng	94
43) 2,4,6-Trichlorophenol	9.063	196	231095	52.135	ng	97

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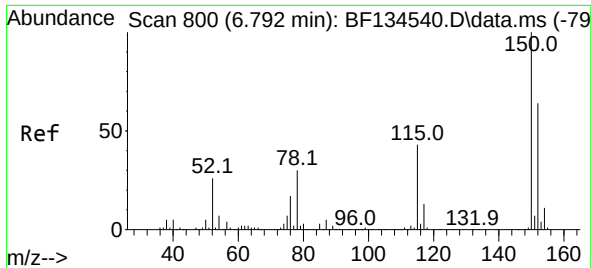
Quant Time: Aug 19 02:44:16 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	238350	47.048	ng	95
46) 1,1'-Biphenyl	9.251	154	909473	50.213	ng	98
47) 2-Chloronaphthalene	9.275	162	672767	49.572	ng	99
48) 2-Nitroaniline	9.375	65	209859	49.494	ng	91
49) Acenaphthylene	9.692	152	1001348	46.939	ng	99
50) Dimethylphthalate	9.557	163	799331	50.352	ng	98
51) 2,6-Dinitrotoluene	9.622	165	169519	51.903	ng	# 73
52) Acenaphthene	9.863	154	593135	42.904	ng	98
53) 3-Nitroaniline	9.786	138	147393	41.656	ng	95
54) 2,4-Dinitrophenol	9.892	184	84194	69.335	ng	94
55) Dibenzofuran	10.039	168	849522	43.166	ng	94
56) 4-Nitrophenol	9.951	139	216264	74.730	ng	# 78
57) 2,4-Dinitrotoluene	10.022	165	193813	49.254	ng	# 86
58) Fluorene	10.380	166	605677	42.252	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	174036	43.422	ng	97
60) Diethylphthalate	10.257	149	701415	46.614	ng	97
61) 4-Chlorophenyl-phenyle...	10.375	204	320692	45.514	ng	94
62) 4-Nitroaniline	10.398	138	139656	40.268	ng	86
63) Azobenzene	10.533	77	624026	38.599	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	66388	50.465	ng	93
66) n-Nitrosodiphenylamine	10.492	169	548451	53.513	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	188274	53.413	ng	97
68) Hexachlorobenzene	10.928	284	193572	52.005	ng	97
69) Atrazine	11.022	200	171761	62.177	ng	97
70) Pentachlorophenol	11.122	266	178315	77.372	ng	97
71) Phenanthrene	11.345	178	787344	46.035	ng	99
72) Anthracene	11.398	178	794762	45.493	ng	99
73) Carbazole	11.551	167	693124	44.435	ng	99
74) Di-n-butylphthalate	11.886	149	827034	49.906	ng	99
75) Fluoranthene	12.533	202	840469	46.521	ng	97
77) Benzidine	12.663	184	470521	84.247	ng	99
78) Pyrene	12.763	202	880528	39.551	ng	98
80) Butylbenzylphthalate	13.392	149	332555	44.175	ng	# 95
81) Benzo(a)anthracene	13.957	228	808775	43.963	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	299499	56.164	ng	99
83) Chrysene	13.998	228	785447	43.822	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	421821	47.614	ng	99
85) Di-n-octyl phthalate	14.574	149	845644	62.770	ng	99
87) Indeno(1,2,3-cd)pyrene	16.927	276	505910	45.312	ng	# 92
88) Benzo(b)fluoranthene	15.010	252	617807	53.359	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	600755	52.086	ng	# 97
90) Benzo(a)pyrene	15.374	252	485243	44.949	ng	# 97
91) Dibenzo(a,h)anthracene	16.945	278	416122	46.117	ng	# 95
92) Benzo(g,h,i)perylene	17.374	276	414159	44.997	ng	# 93

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

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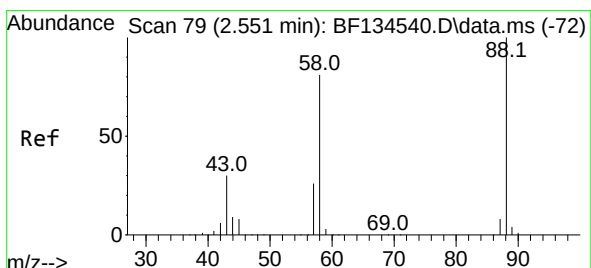
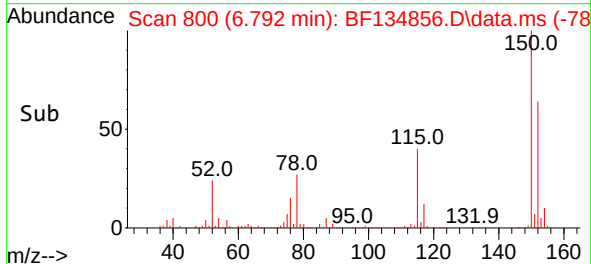
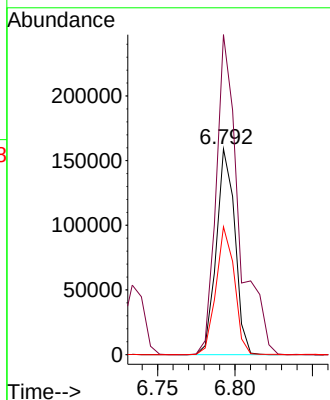
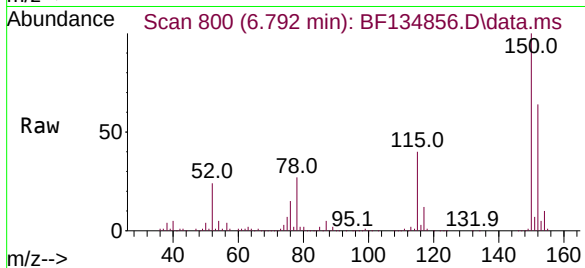




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134856.D
 Acq: 18 Aug 2023 23:39

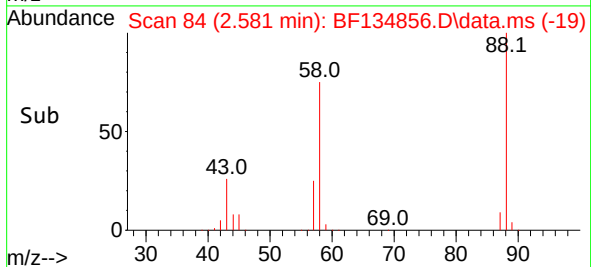
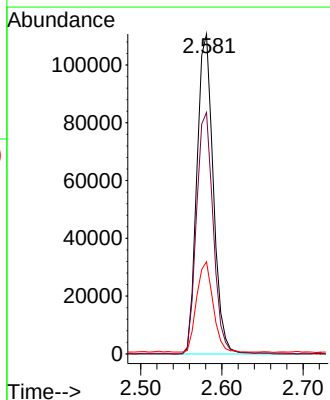
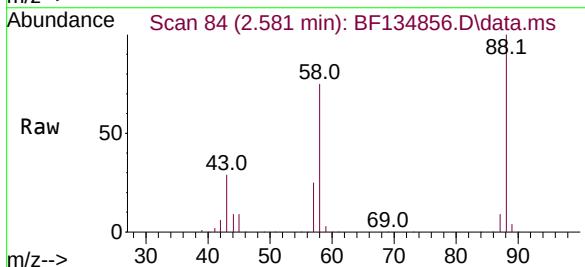
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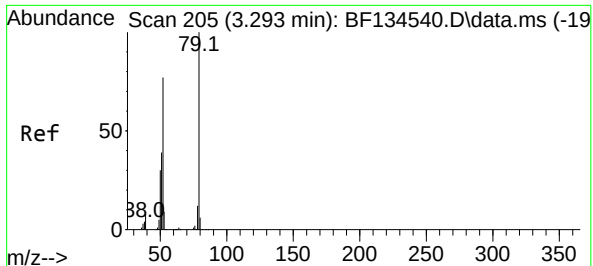
Tgt Ion:152 Resp: 133028
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.3 192.5
 115 62.1 52.4 78.6



#2
 1,4-Dioxane
 Concen: 38.412 ng
 RT: 2.581 min Scan# 84
 Delta R.T. 0.029 min
 Lab File: BF134856.D
 Acq: 18 Aug 2023 23:39

Tgt Ion: 88 Resp: 154662
 Ion Ratio Lower Upper
 88 100
 58 77.8 65.1 97.7
 43 28.4 30.3 45.5

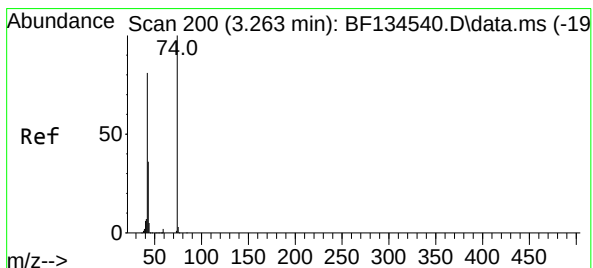
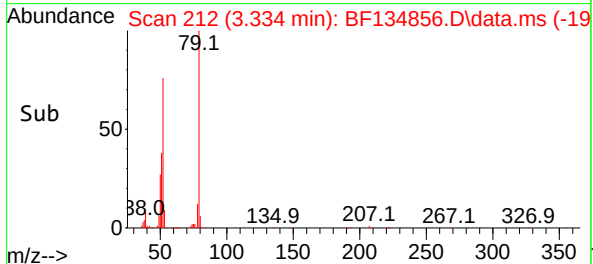
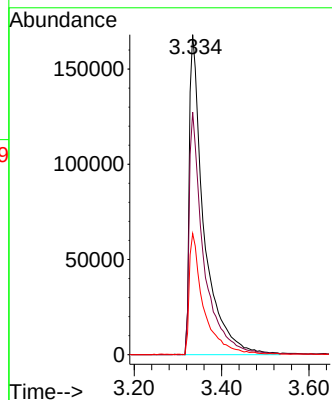
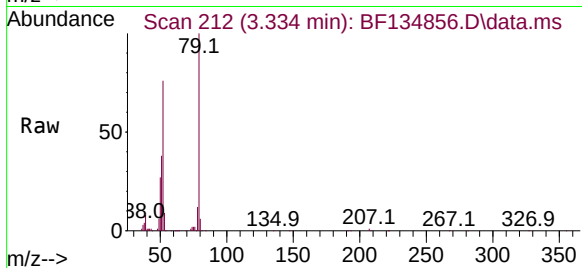




#3
Pyridine
Concen: 35.777 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

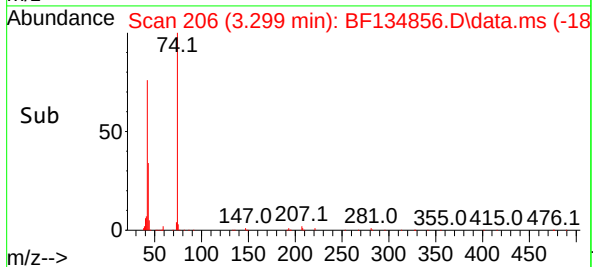
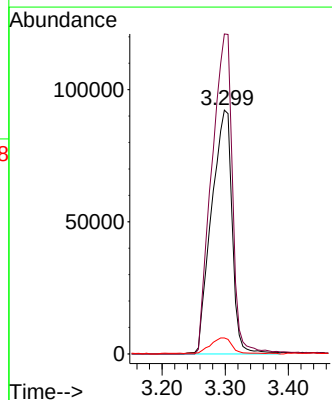
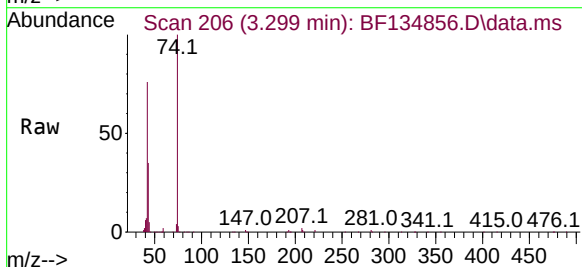
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

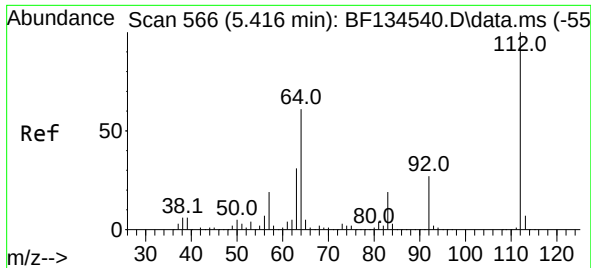
Tgt Ion: 79 Resp: 390355
Ion Ratio Lower Upper
79 100
52 75.8 66.6 100.0
51 37.8 36.5 54.7



#4
n-Nitrosodimethylamine
Concen: 40.179 ng
RT: 3.299 min Scan# 206
Delta R.T. 0.018 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 42 Resp: 209461
Ion Ratio Lower Upper
42 100
74 131.3 72.2 108.4
44 6.5 5.4 8.0

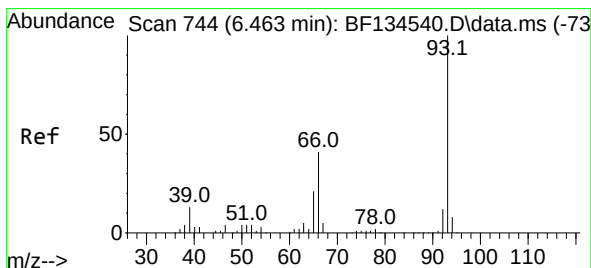
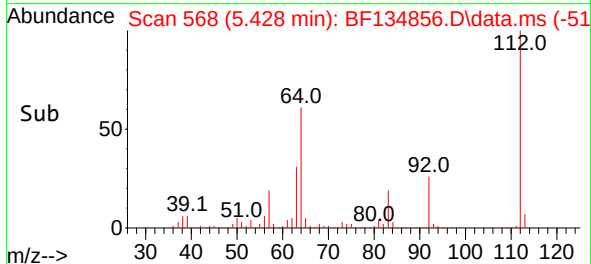
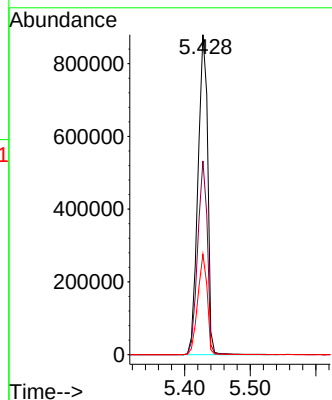
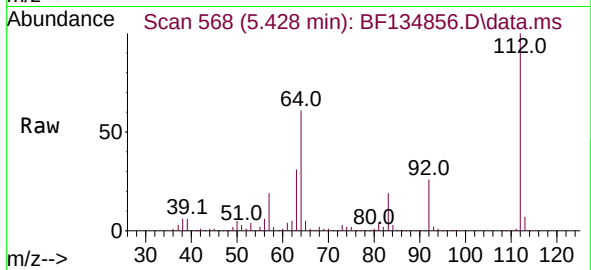




#5
2-Fluorophenol
Concen: 103.524 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

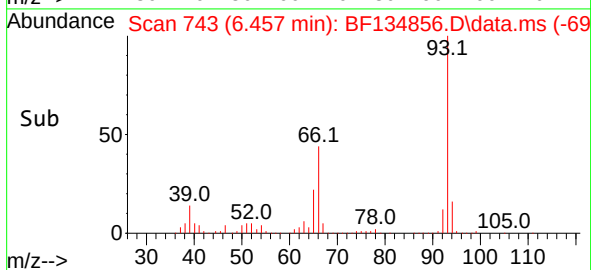
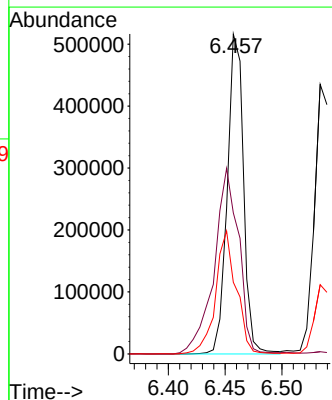
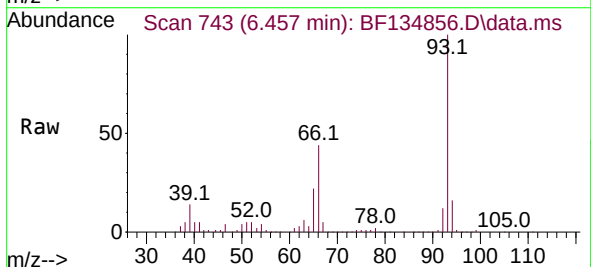
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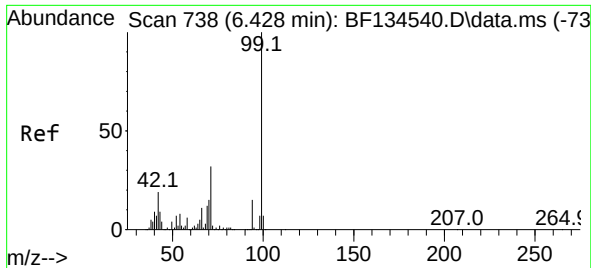
Tgt Ion:112 Resp: 905969
Ion Ratio Lower Upper
112 100
64 60.5 44.9 67.3
63 31.4 25.4 38.0



#6
Aniline
Concen: 34.898 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 93 Resp: 512056
Ion Ratio Lower Upper
93 100
66 44.1 36.8 55.2
65 22.4 19.4 29.0





#7

Phenol-d6

Concen: 103.955 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

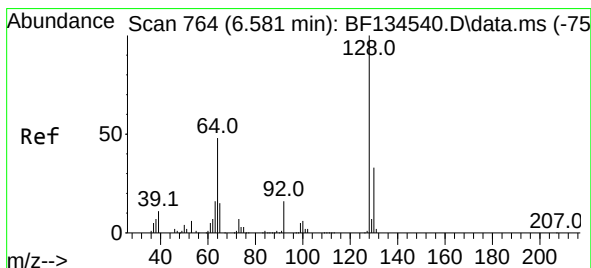
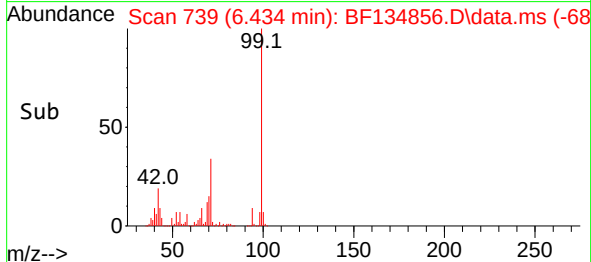
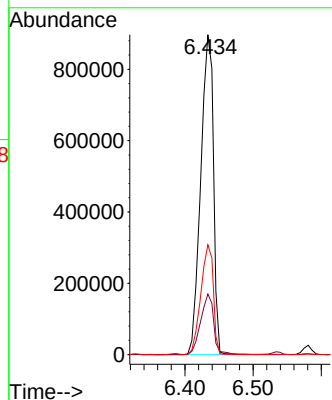
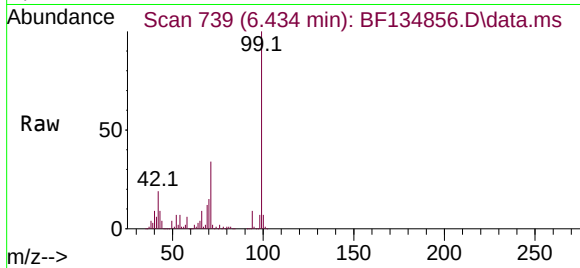
BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 99 Resp: 1162923

Ion	Ratio	Lower	Upper
99	100		
42	18.9	18.7	28.1
71	34.3	36.4	54.6



#8

2-Chlorophenol

Concen: 50.087 ng

RT: 6.581 min Scan# 764

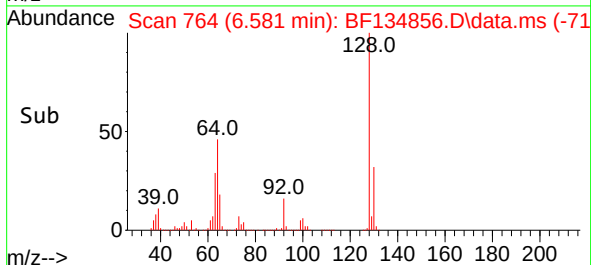
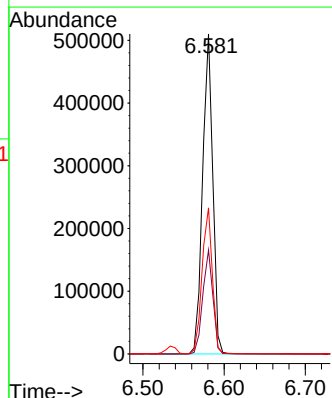
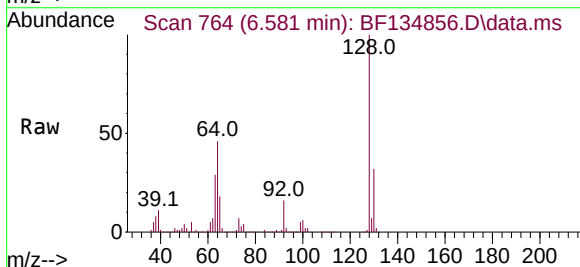
Delta R.T. -0.006 min

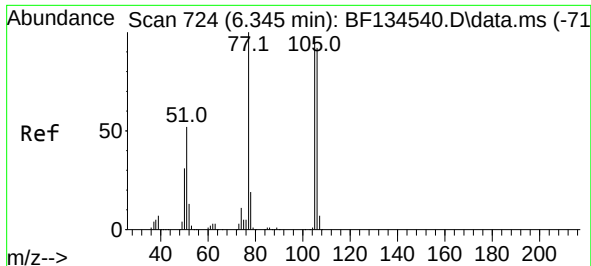
Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Tgt Ion: 128 Resp: 442161

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.1	51.1
64	45.6	31.9	71.9





#9

Benzaldehyde

Concen: 32.038 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.012 min

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Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

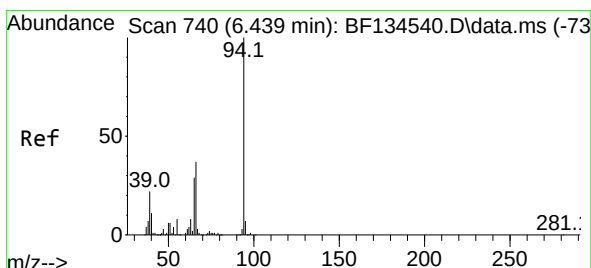
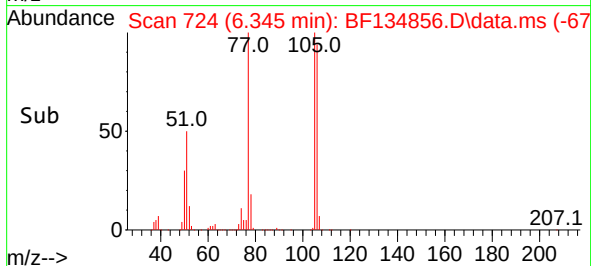
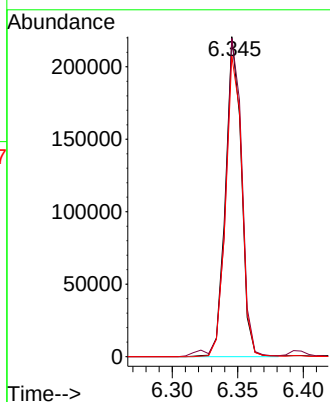
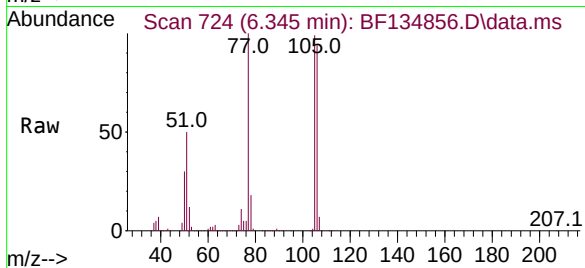
Tgt Ion: 77 Resp: 185518

Ion Ratio Lower Upper

77 100

105 99.4 77.1 117.1

106 93.9 71.4 111.4



#10

Phenol

Concen: 48.279 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

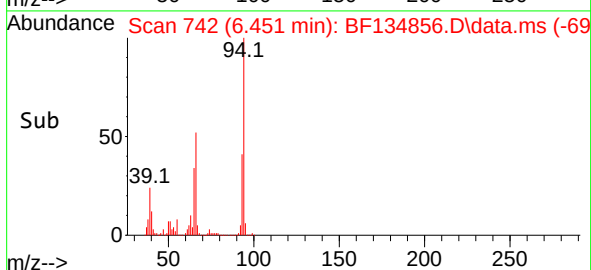
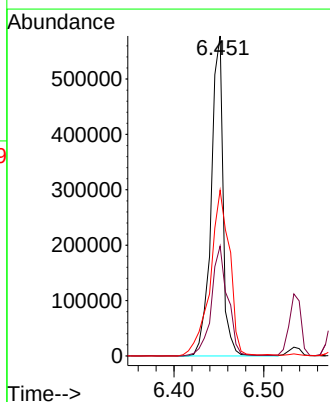
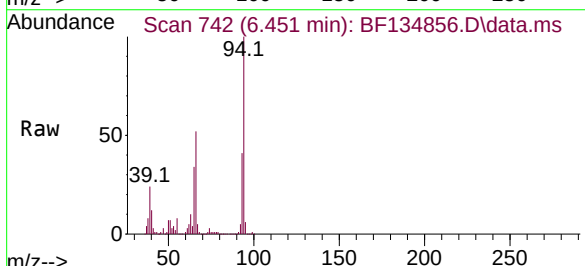
Tgt Ion: 94 Resp: 532234

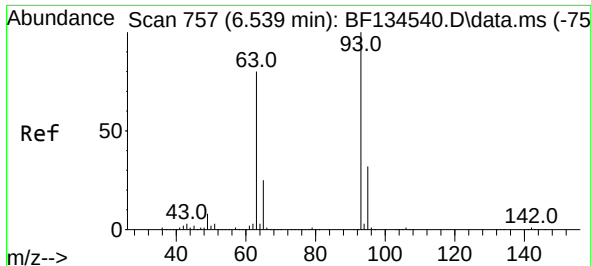
Ion Ratio Lower Upper

94 100

65 34.3 17.8 57.8

66 51.8 35.2 75.2

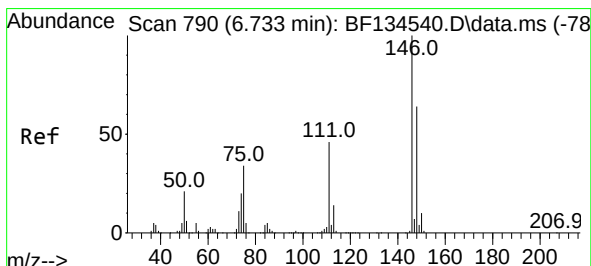
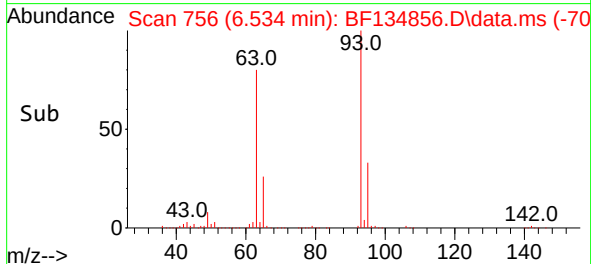
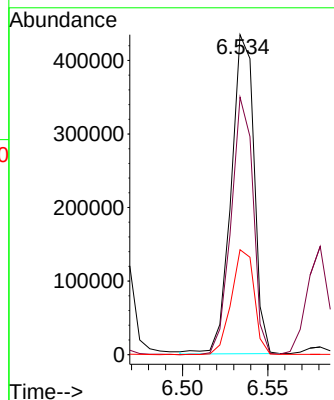
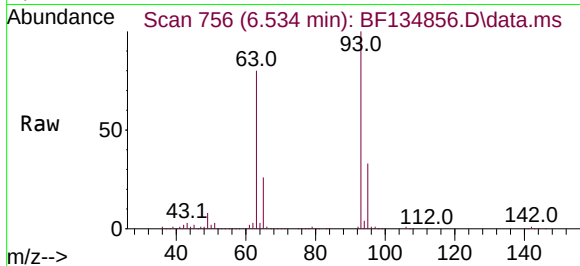




#11
bis(2-Chloroethyl)ether
Concen: 46.377 ng
RT: 6.534 min Scan# 757
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

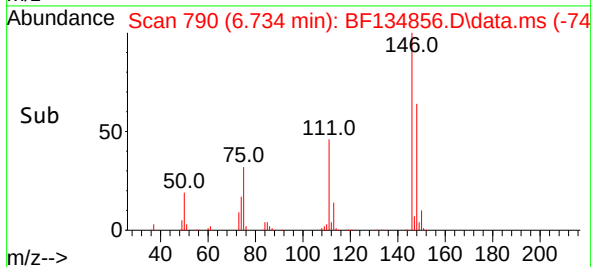
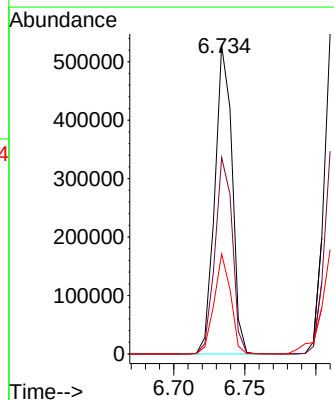
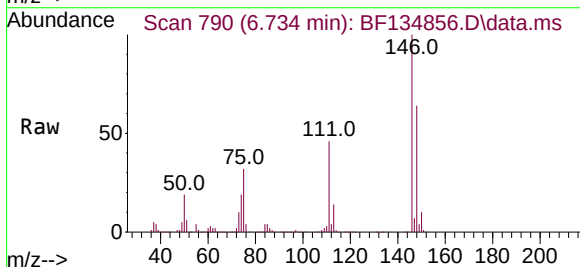
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

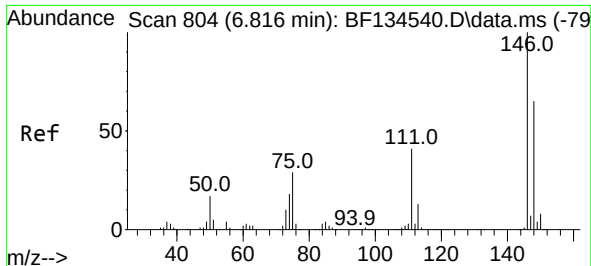
Tgt Ion: 93 Resp: 406143
Ion Ratio Lower Upper
93 100
63 80.4 68.4 108.4
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.875 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 146 Resp: 446411
Ion Ratio Lower Upper
146 100
148 63.6 49.7 74.5
75 32.3 29.5 44.3

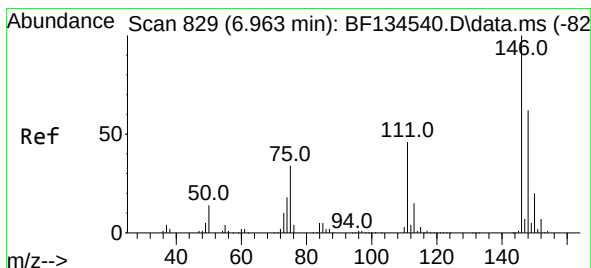
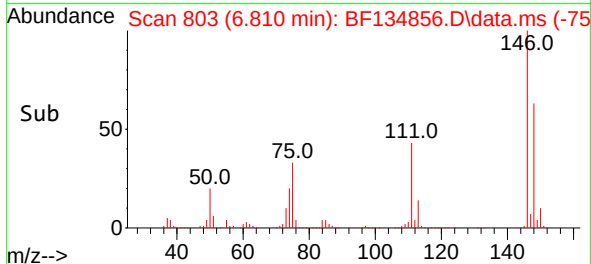
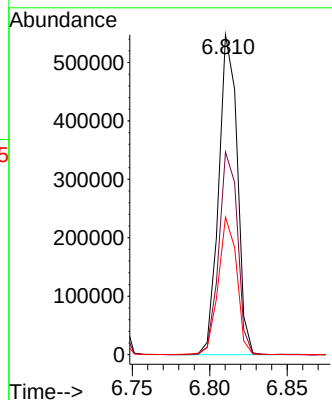
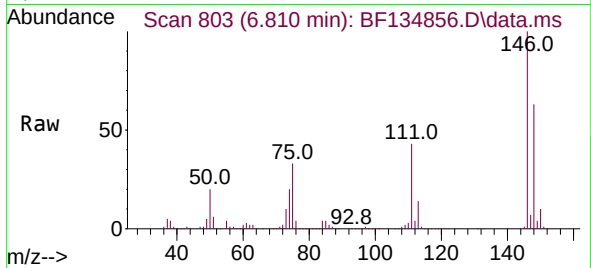




#13
1,4-Dichlorobenzene
Concen: 49.863 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

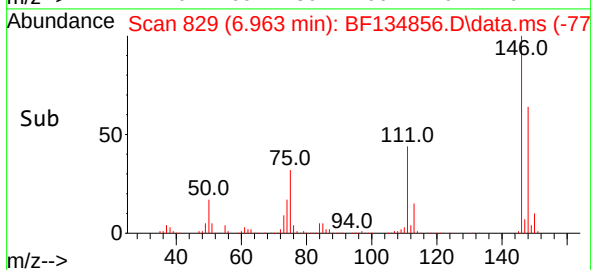
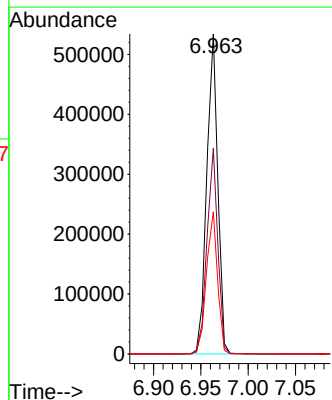
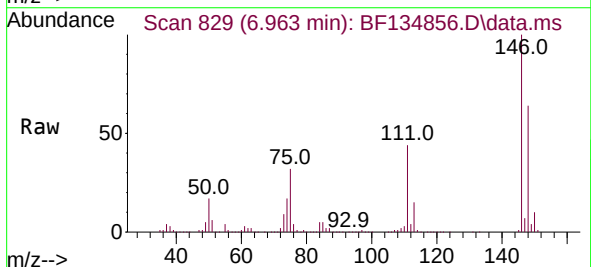
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

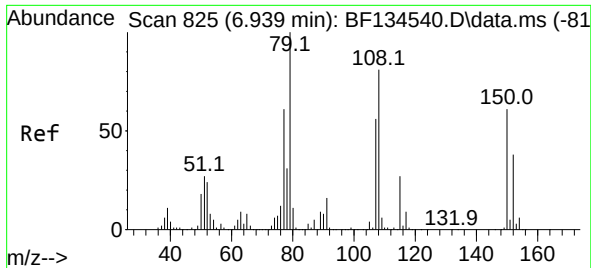
Tgt Ion:146 Resp: 456439
Ion Ratio Lower Upper
146 100
148 63.3 51.3 76.9
111 43.0 36.6 55.0



#14
1,2-Dichlorobenzene
Concen: 50.822 ng
RT: 6.963 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:146 Resp: 433465
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 44.4 39.9 59.9

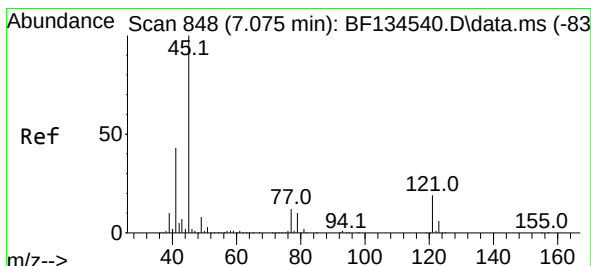
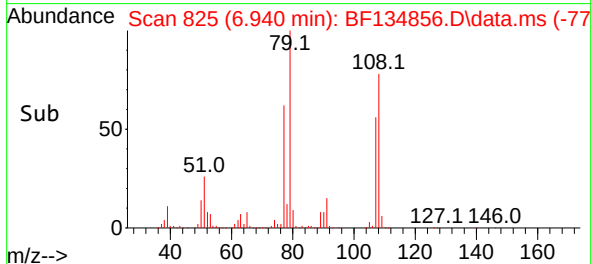
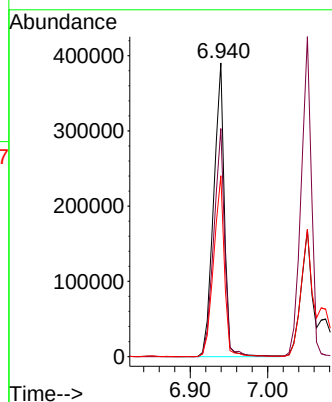
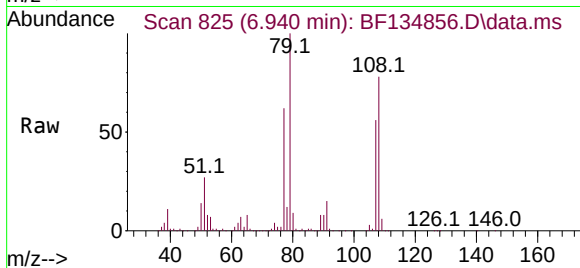




#15
Benzyl Alcohol
Concen: 48.686 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

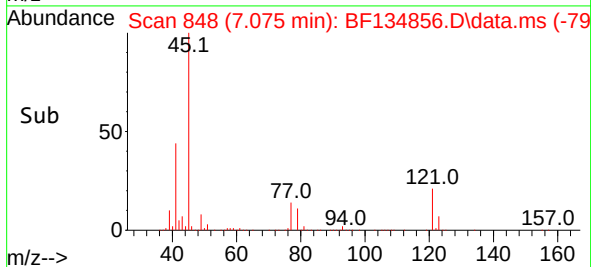
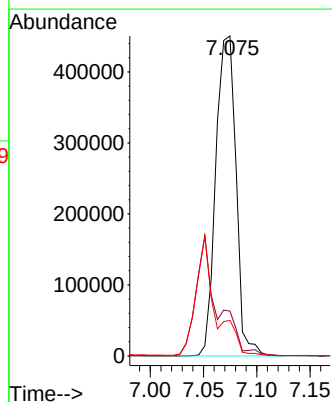
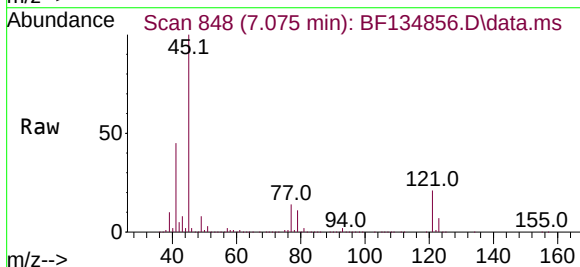
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

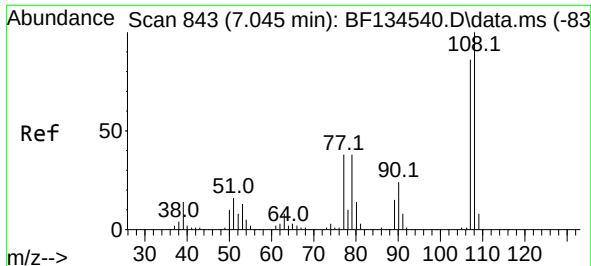
Tgt Ion: 79 Resp: 375729
Ion Ratio Lower Upper
79 100
108 77.7 56.3 84.5
77 61.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.418 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 45 Resp: 595693
Ion Ratio Lower Upper
45 100
77 14.0 0.0 37.8
79 11.1 0.0 34.5

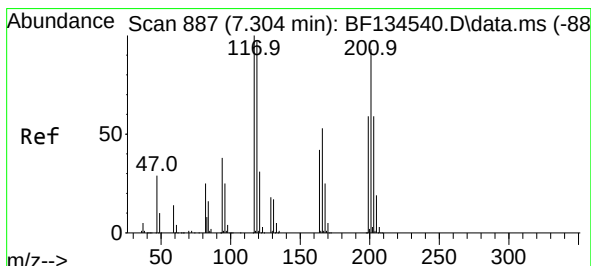
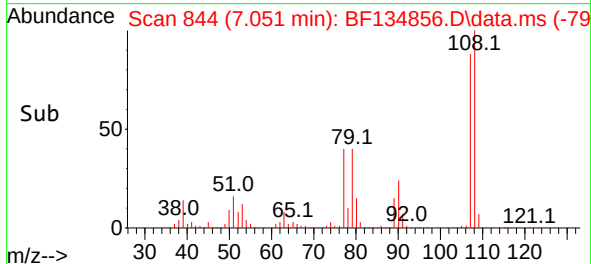
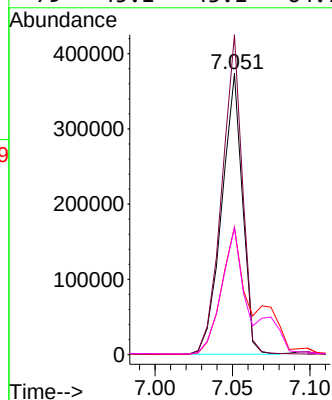
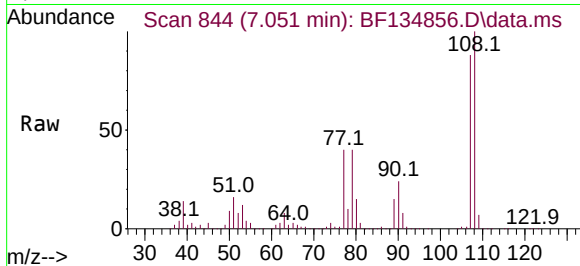




#17
2-Methylphenol
Concen: 44.699 ng
RT: 7.051 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

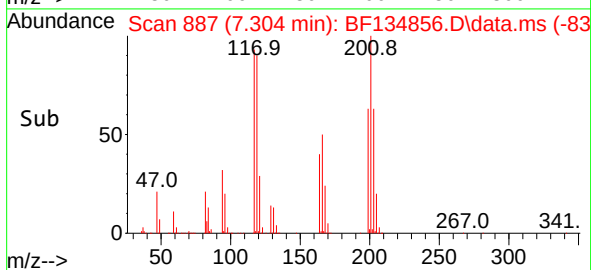
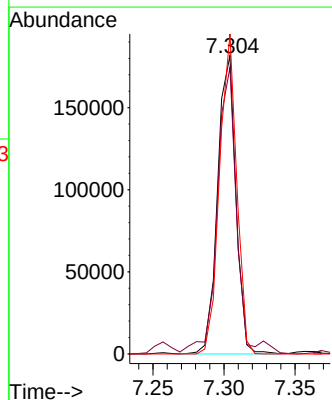
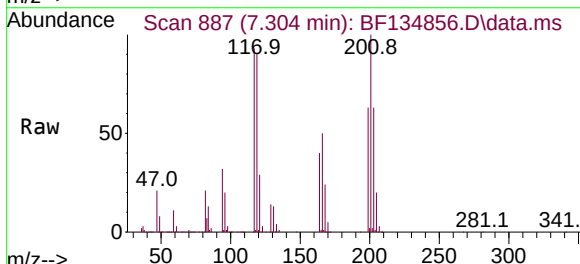
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

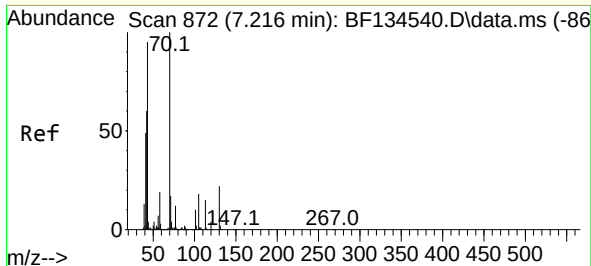
Tgt Ion:107 Resp: 348698
Ion Ratio Lower Upper
107 100
108 113.8 89.4 134.2
77 45.3 42.4 63.6
79 45.1 43.1 64.7



#18
Hexachloroethane
Concen: 50.741 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:117 Resp: 163018
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
201 107.3 73.6 110.4





#19

n-Nitroso-di-n-propylamine

Concen: 41.628 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 70 Resp: 278814

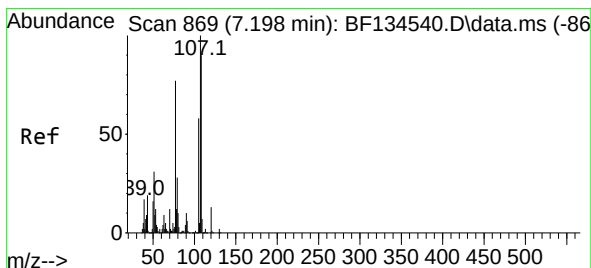
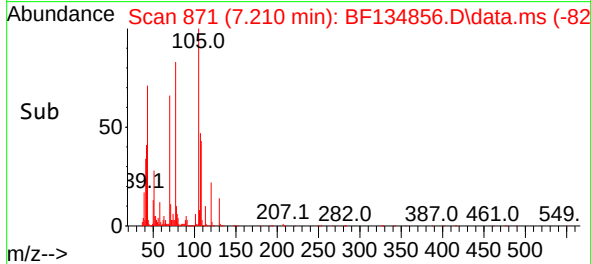
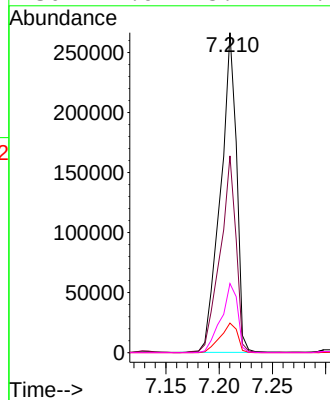
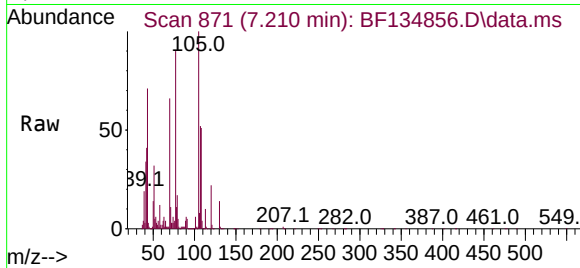
Ion Ratio Lower Upper

70 100

42 61.5 54.7 82.1

101 9.2 8.2 12.2

130 21.6 15.1 22.7



#20

3+4-Methylphenols

Concen: 42.313 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Tgt Ion: 107 Resp: 398081

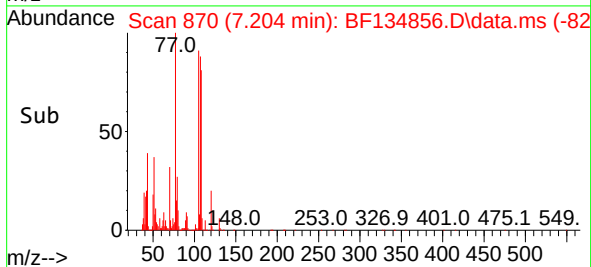
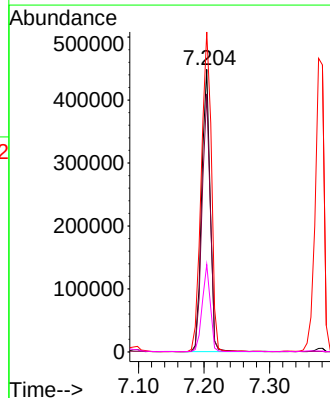
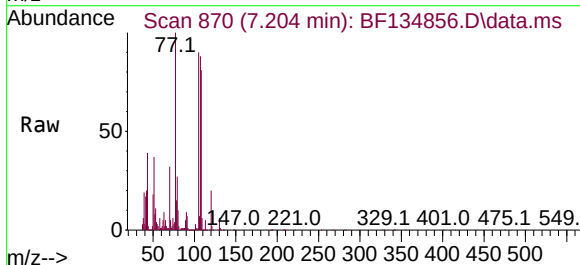
Ion Ratio Lower Upper

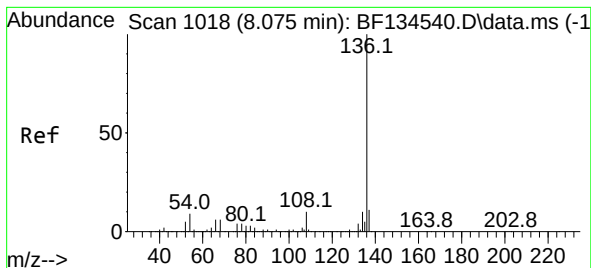
107 100

108 91.3 68.1 108.1

77 113.3 122.1 162.1#

79 30.9 11.0 51.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:136 Resp: 529568

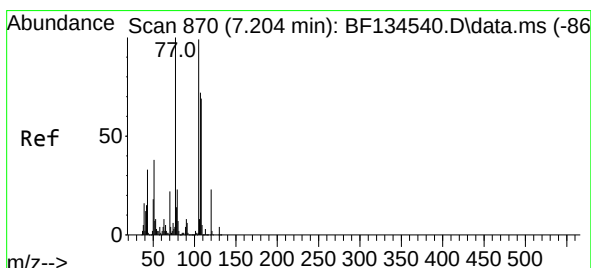
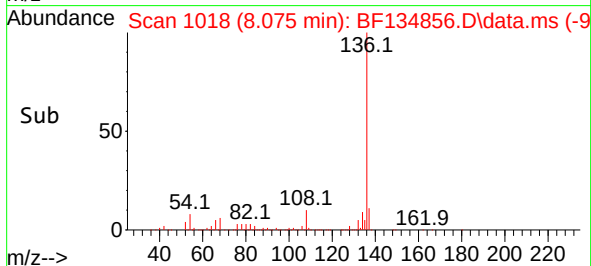
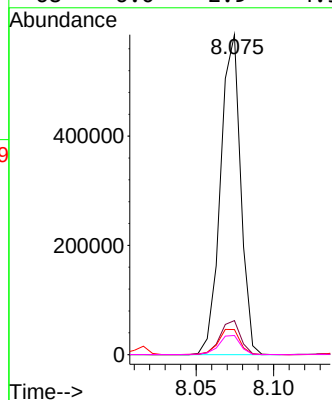
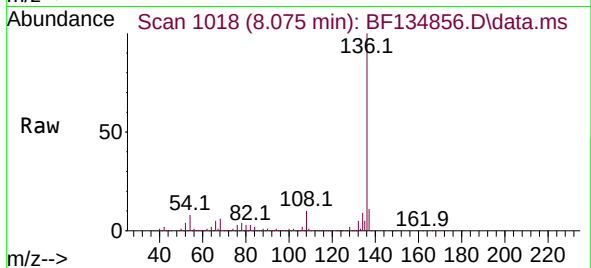
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.8 5.2 7.8#

68 6.0 2.9 4.3#



#22

Acetophenone

Concen: 44.339 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Tgt Ion:105 Resp: 542065

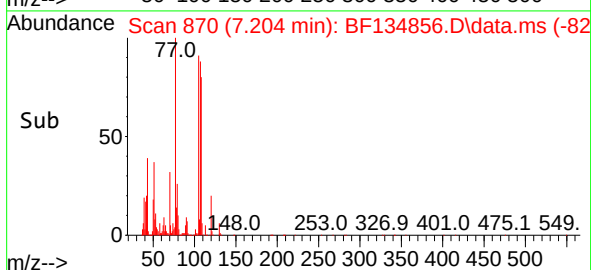
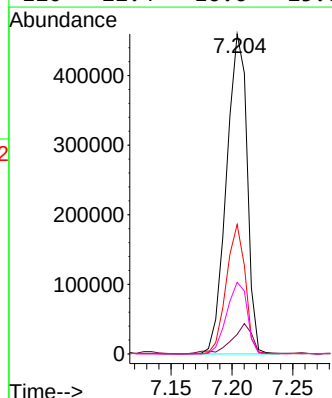
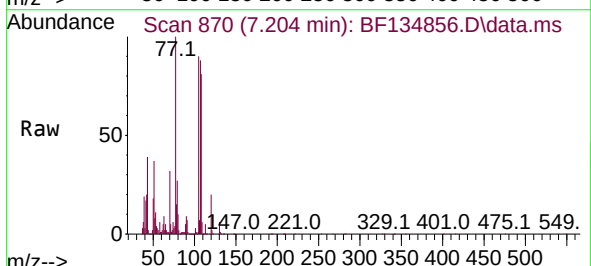
Ion Ratio Lower Upper

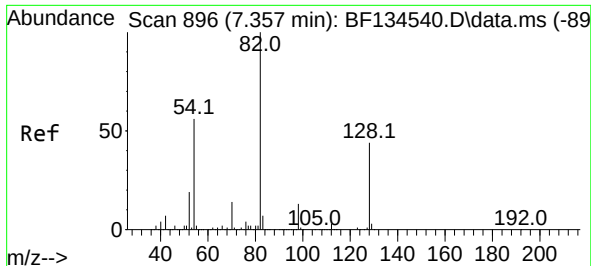
105 100

71 6.1 7.4 11.0#

51 40.4 36.4 54.6

120 22.4 16.6 25.0





#23

Nitrobenzene-d5

Concen: 83.881 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

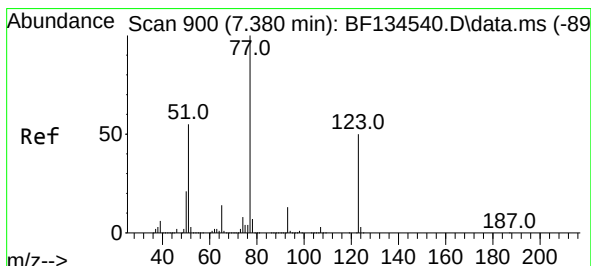
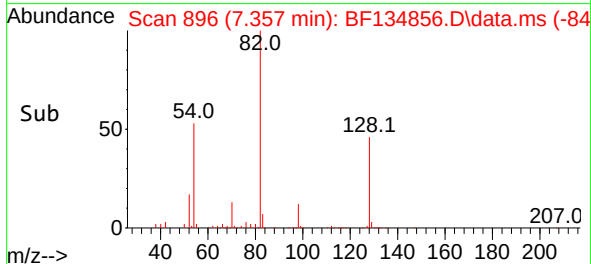
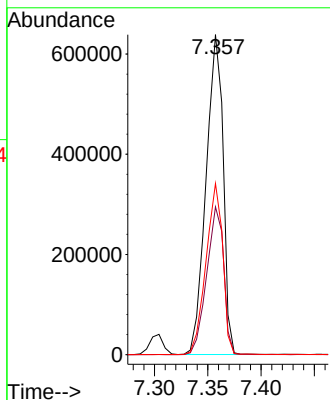
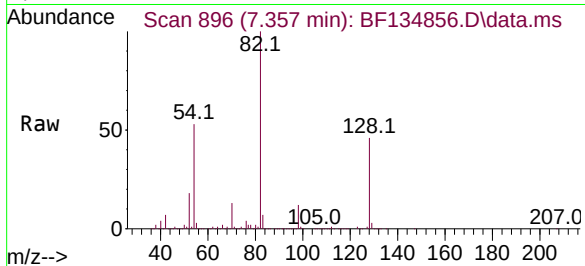
Tgt Ion: 82 Resp: 710815

Ion Ratio Lower Upper

82 100

128 46.2 34.3 51.5

54 53.5 43.8 65.6



#24

Nitrobenzene

Concen: 47.618 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

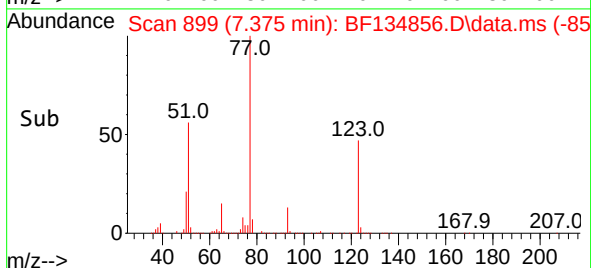
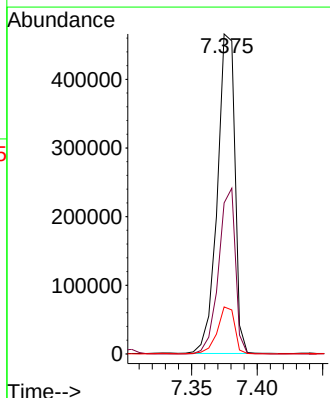
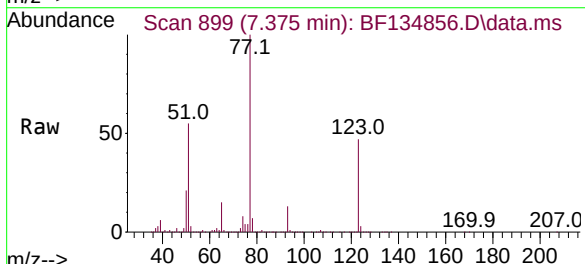
Tgt Ion: 77 Resp: 435944

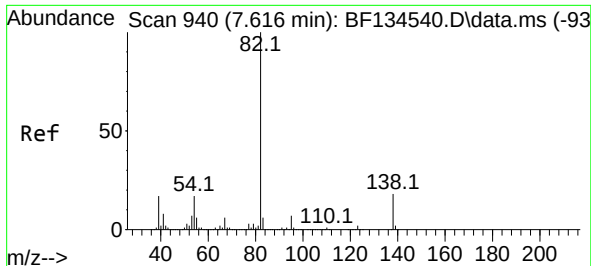
Ion Ratio Lower Upper

77 100

123 47.2 35.5 53.3

65 14.7 11.9 17.9

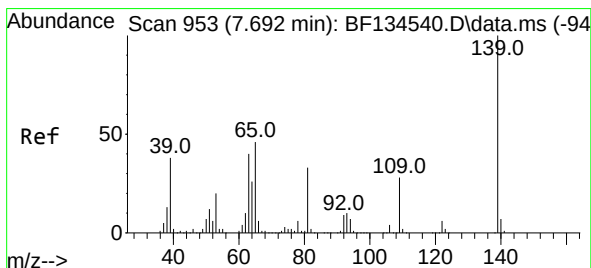
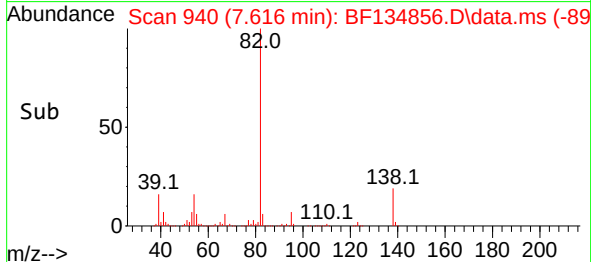
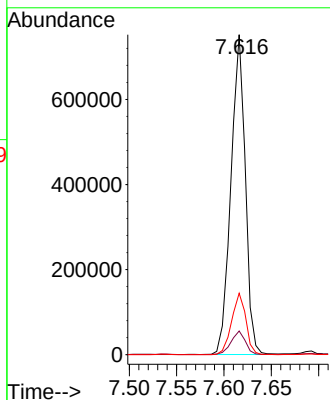
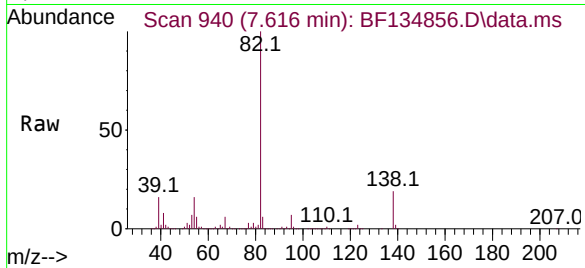




#25
Isophorone
Concen: 43.036 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

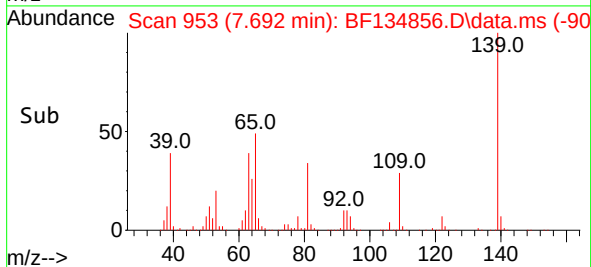
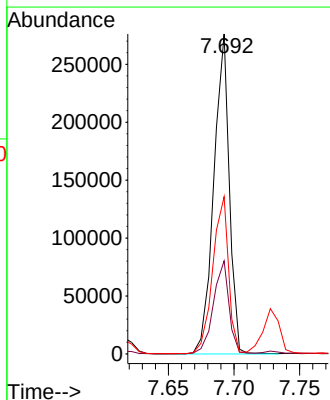
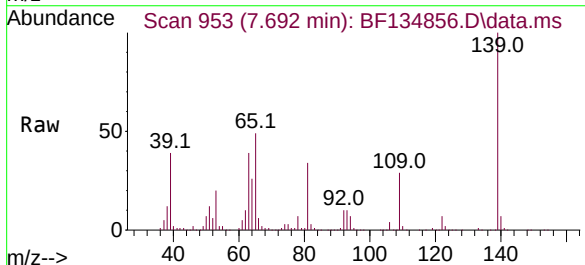
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

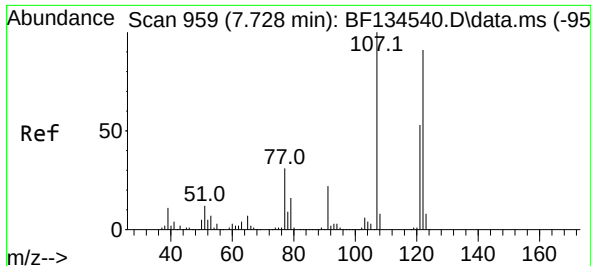
Tgt Ion: 82 Resp: 795428
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.2 14.6 22.0



#26
2-Nitrophenol
Concen: 57.406 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 139 Resp: 227698
Ion Ratio Lower Upper
139 100
109 29.1 29.8 44.6#
65 49.1 45.4 68.2

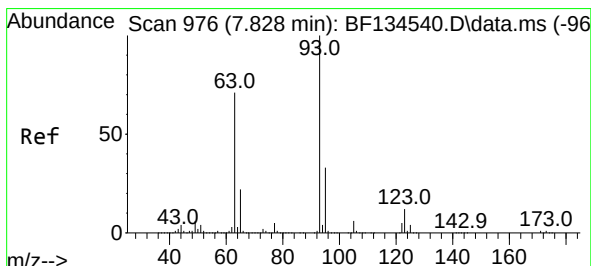
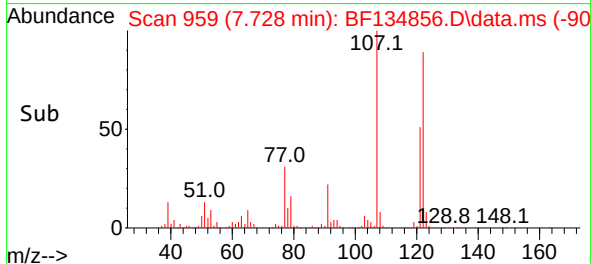
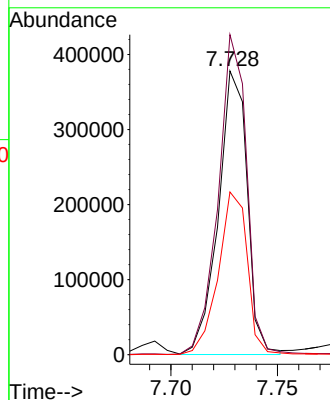
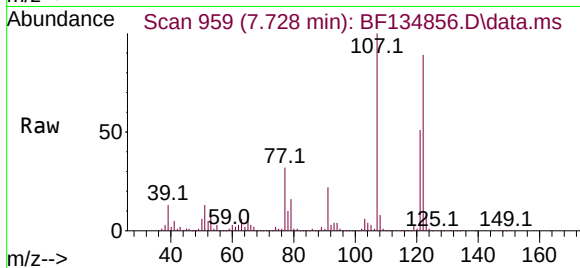




#27
2,4-Dimethylphenol
Concen: 43.170 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

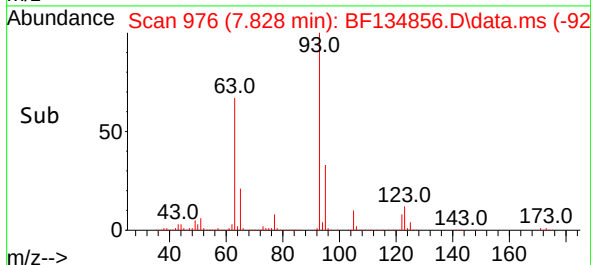
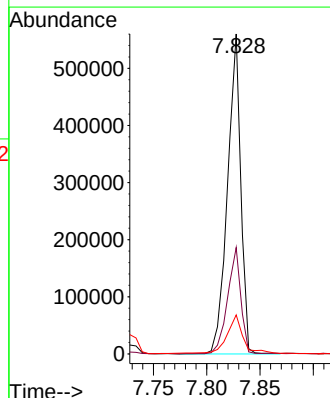
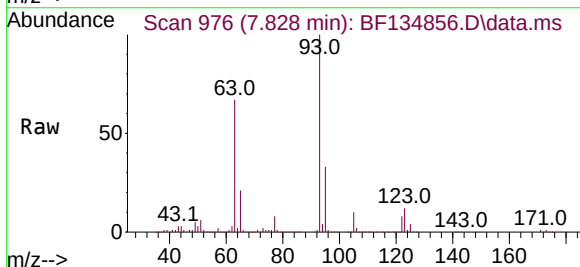
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

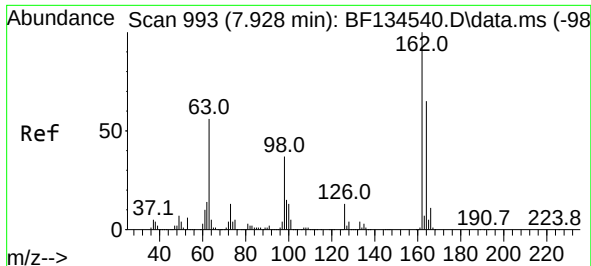
Tgt Ion:122 Resp: 356021
Ion Ratio Lower Upper
122 100
107 112.8 106.7 160.1
121 57.3 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.099 ng
RT: 7.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 93 Resp: 487573
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 12.2 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 47.402 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

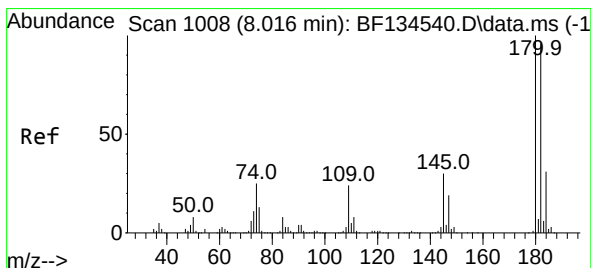
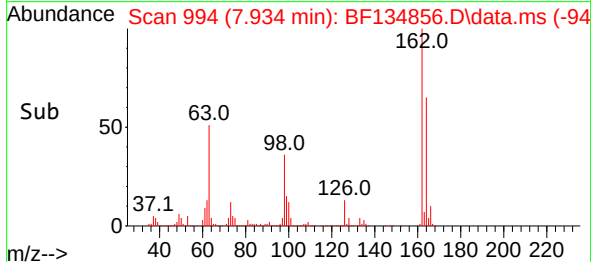
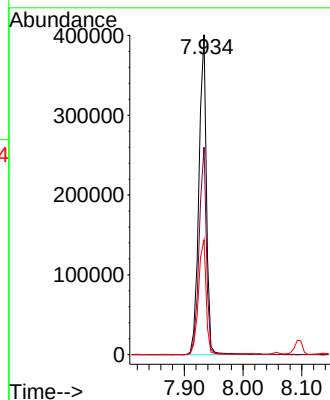
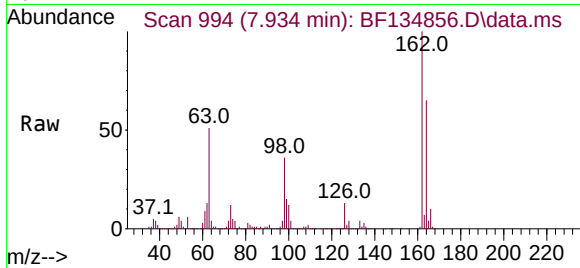
Tgt Ion:162 Resp: 354804

Ion Ratio Lower Upper

162 100

164 64.8 42.2 82.2

98 35.9 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 48.363 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

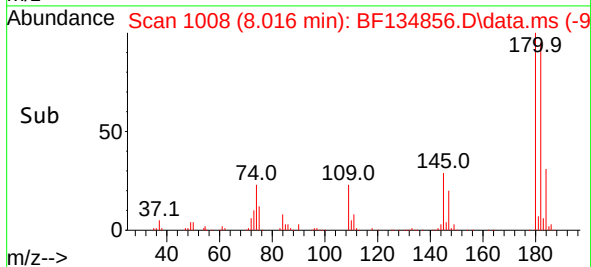
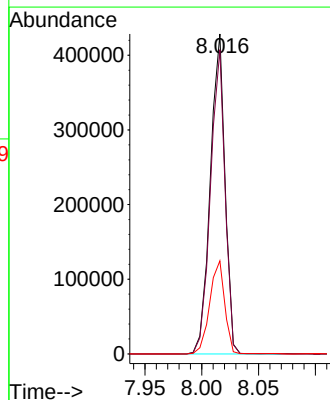
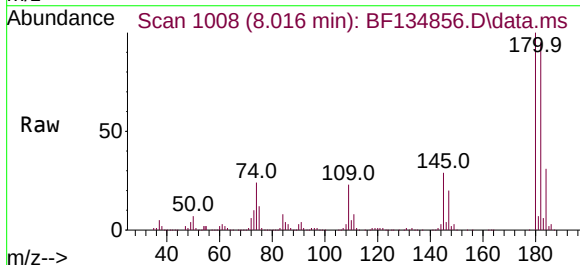
Tgt Ion:180 Resp: 386024

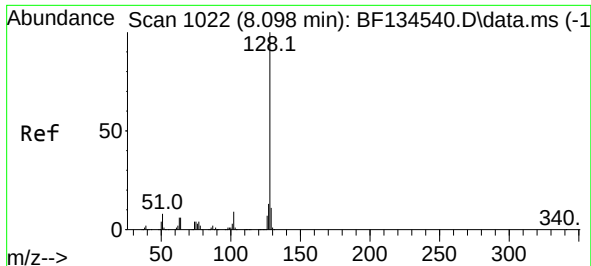
Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

145 29.1 25.5 38.3

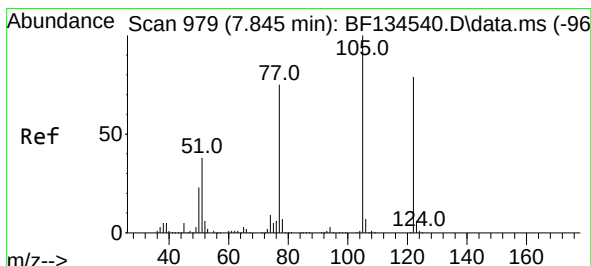
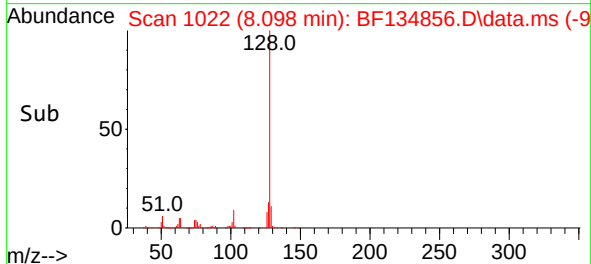
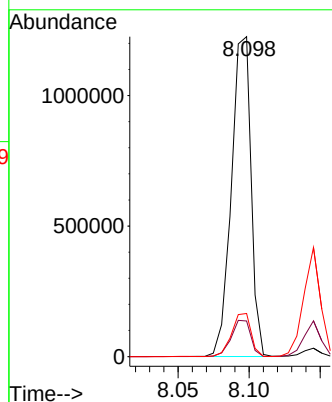
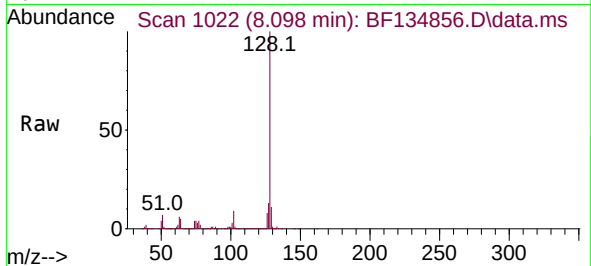




#31
Naphthalene
Concen: 44.309 ng
RT: 8.098 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

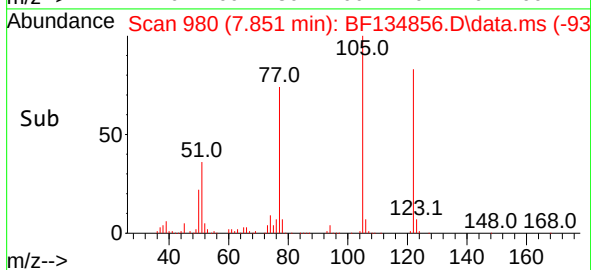
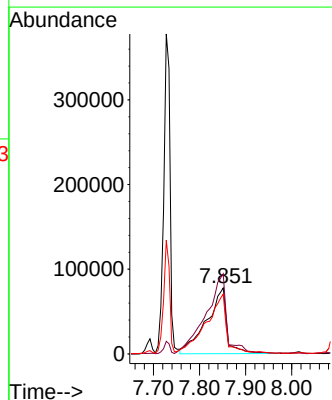
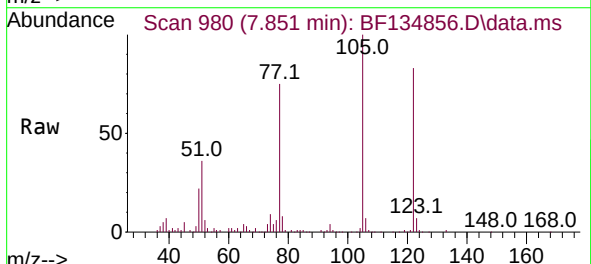
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

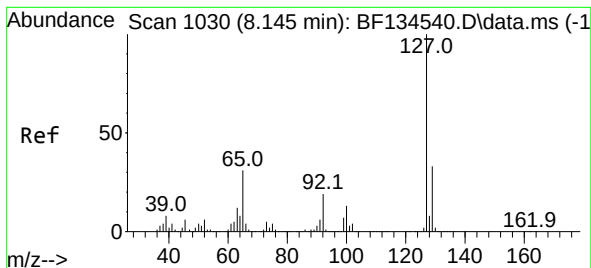
Tgt Ion:128 Resp: 1179290
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 44.920 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:122 Resp: 238407
Ion Ratio Lower Upper
122 100
105 121.1 87.5 127.5
77 90.5 71.4 111.4





#33

4-Chloroaniline

Concen: 30.003 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 355807

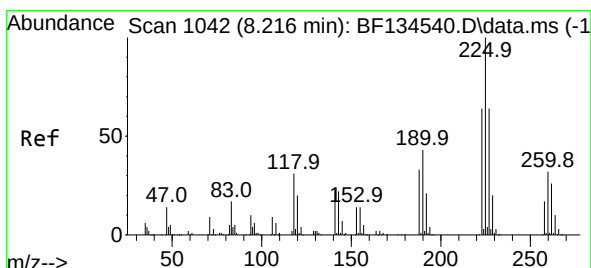
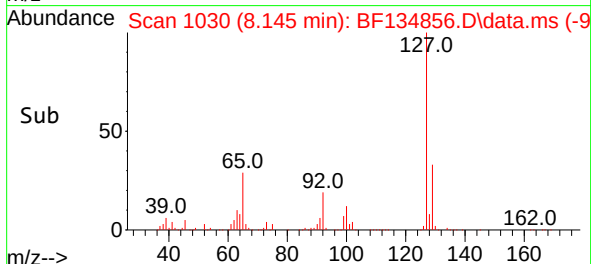
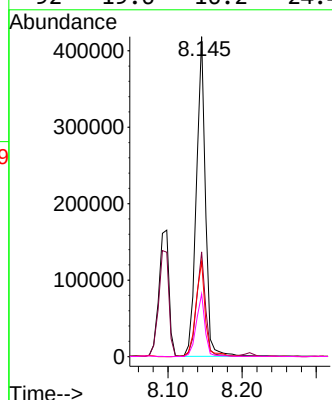
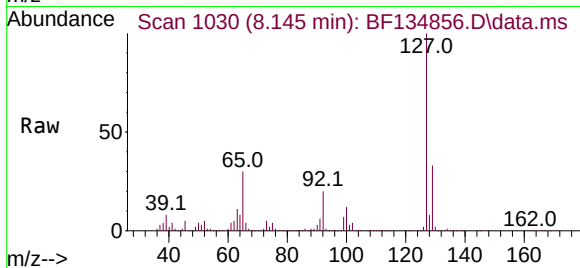
Ion Ratio Lower Upper

127 100

129 32.8 25.6 38.4

65 29.7 25.4 38.0

92 19.6 16.2 24.4



#34

Hexachlorobutadiene

Concen: 47.761 ng

RT: 8.210 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

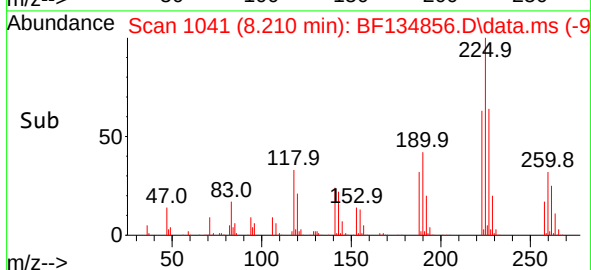
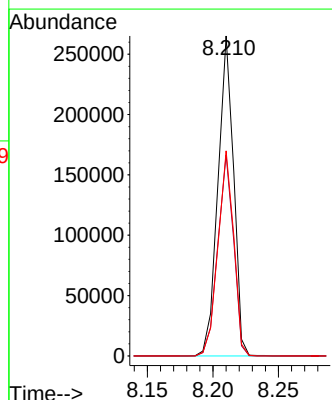
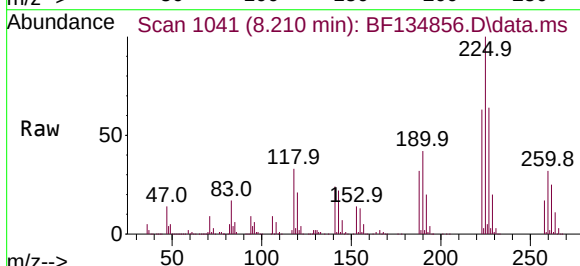
Tgt Ion:225 Resp: 219893

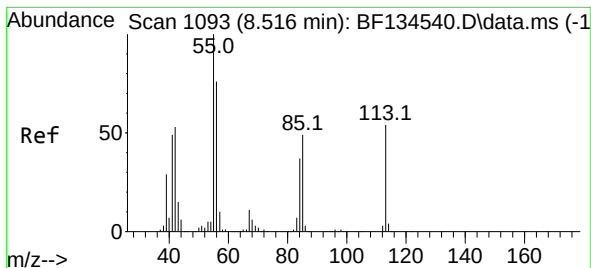
Ion Ratio Lower Upper

225 100

223 62.8 48.2 72.4

227 64.1 48.5 72.7





#35

Caprolactam

Concen: 44.268 ng

RT: 8.516 min Scan# 1093

Delta R.T. -0.018 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

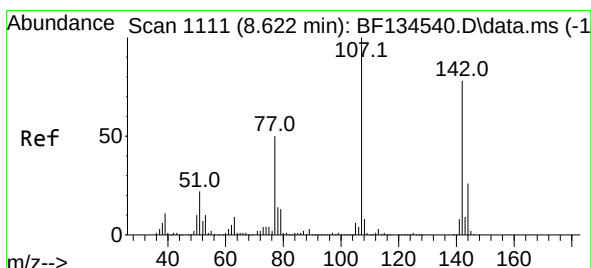
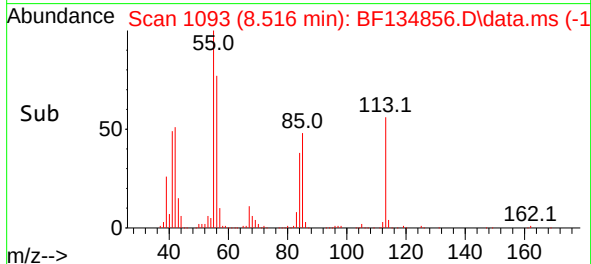
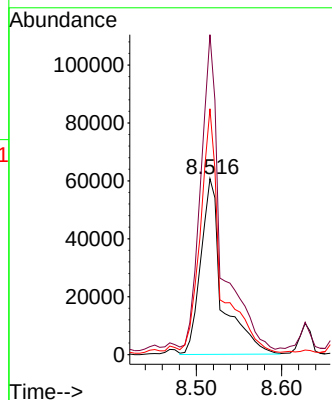
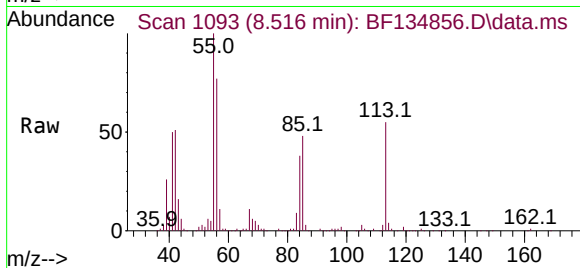
Tgt Ion:113 Resp: 106901

Ion Ratio Lower Upper

113 100

55 181.8 161.5 201.5

56 139.6 117.8 157.8



#36

4-Chloro-3-methylphenol

Concen: 44.316 ng

RT: 8.628 min Scan# 1112

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

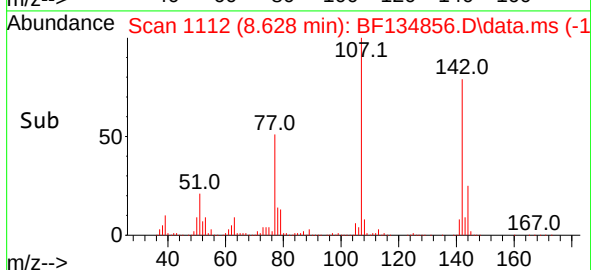
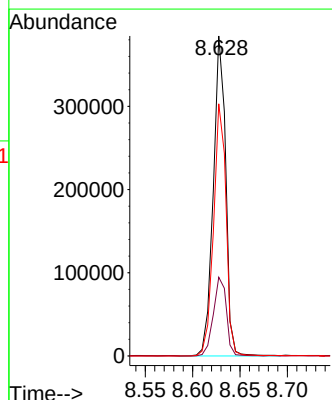
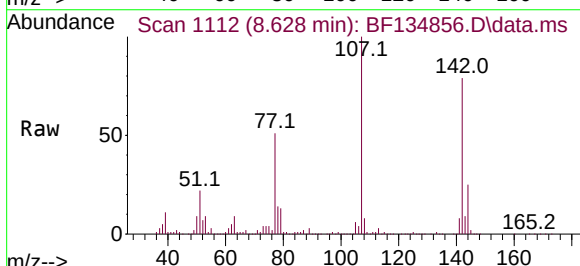
Tgt Ion:107 Resp: 351287

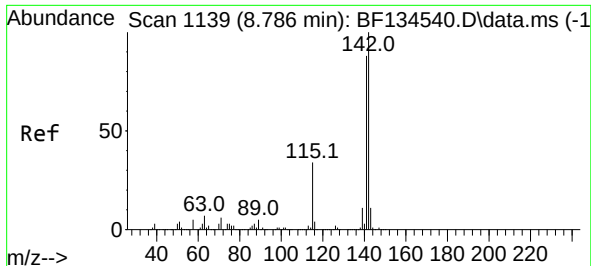
Ion Ratio Lower Upper

107 100

144 24.6 19.6 29.4

142 78.8 57.7 86.5





#37

2-Methylnaphthalene

Concen: 42.011 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

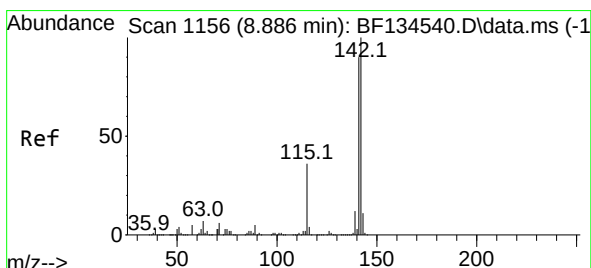
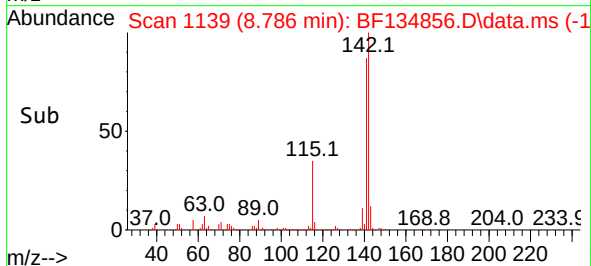
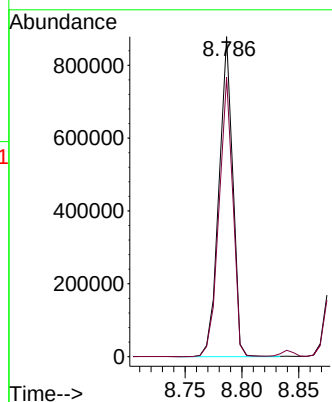
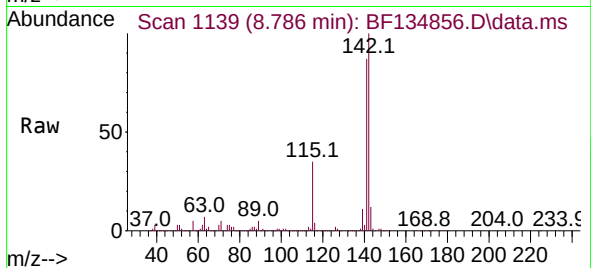
WC-1MSD

Tgt Ion:142 Resp: 741134

Ion Ratio Lower Upper

142 100

141 87.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.184 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF134856.D

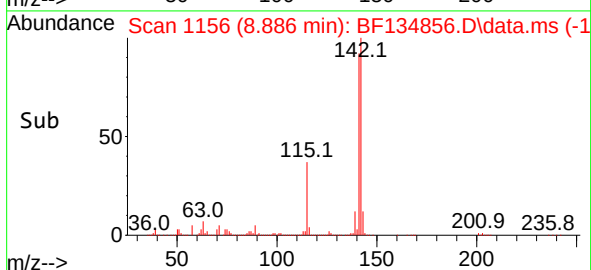
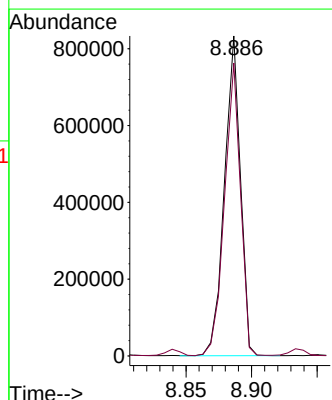
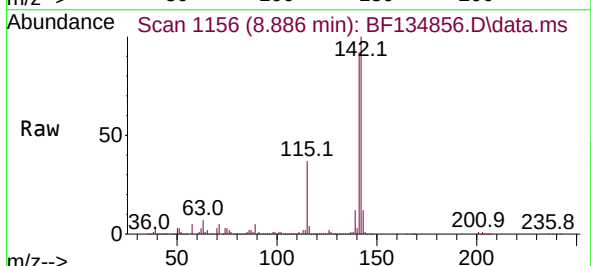
Acq: 18 Aug 2023 23:39

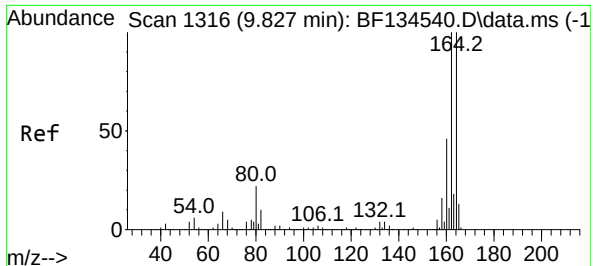
Tgt Ion:142 Resp: 708428

Ion Ratio Lower Upper

142 100

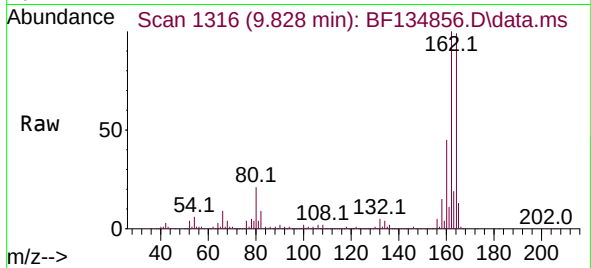
141 91.5 71.4 107.2



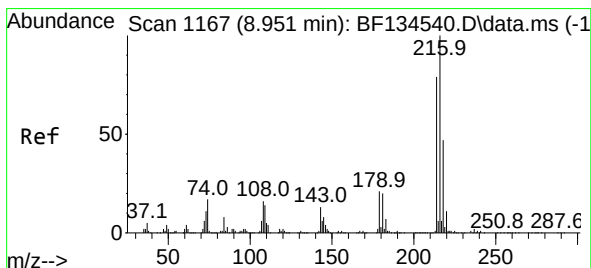
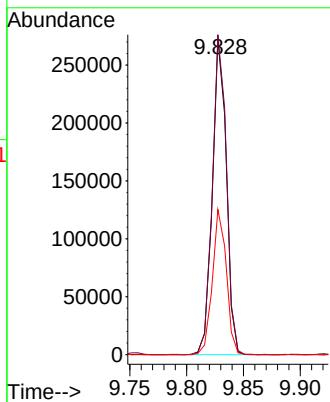
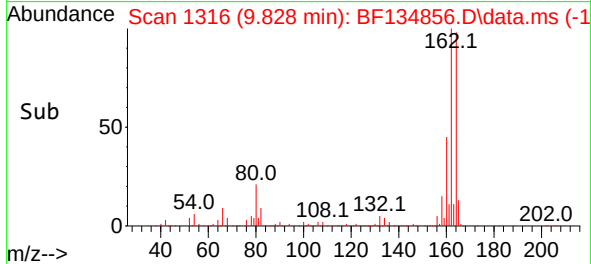


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

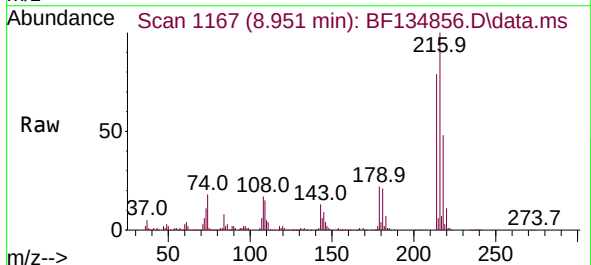
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



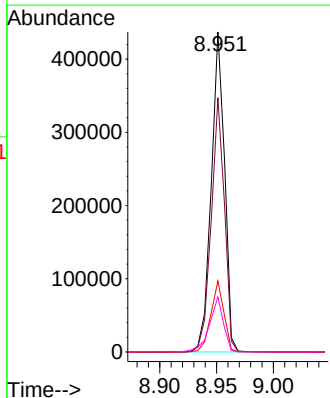
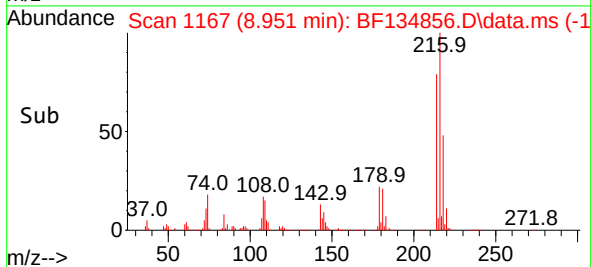
Tgt Ion:164 Resp: 232917
Ion Ratio Lower Upper
164 100
162 101.5 82.6 123.8
160 46.0 37.2 55.8

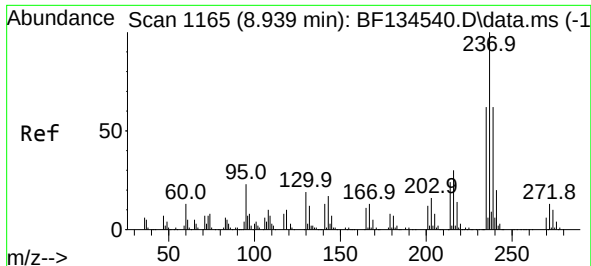


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.626 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39



Tgt Ion:216 Resp: 356437
Ion Ratio Lower Upper
216 100
214 78.9 62.3 93.5
179 21.8 17.4 26.0
108 18.0 14.5 21.7

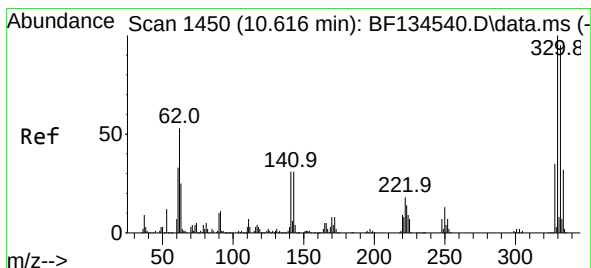
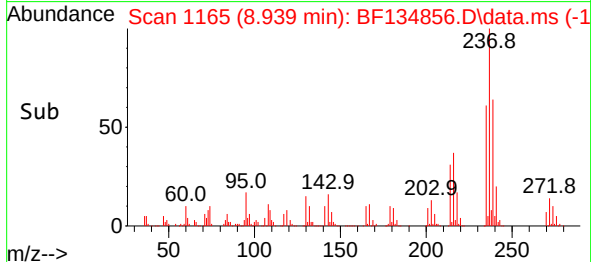
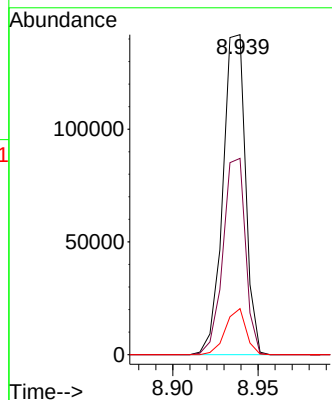
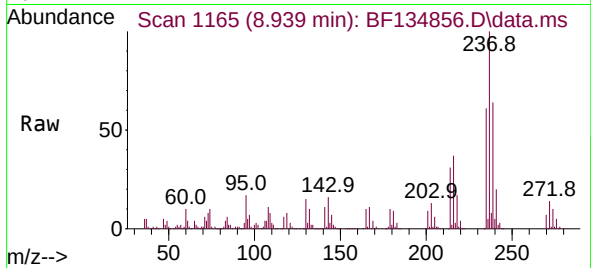




#41
Hexachlorocyclopentadiene
Concen: 39.817 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

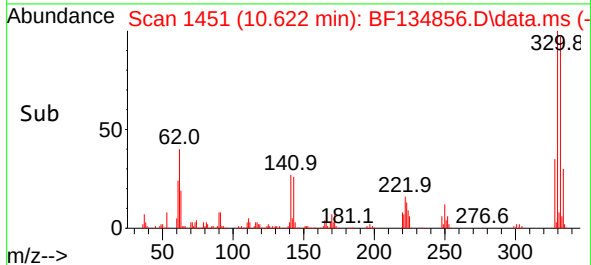
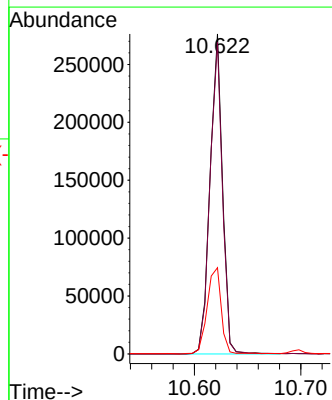
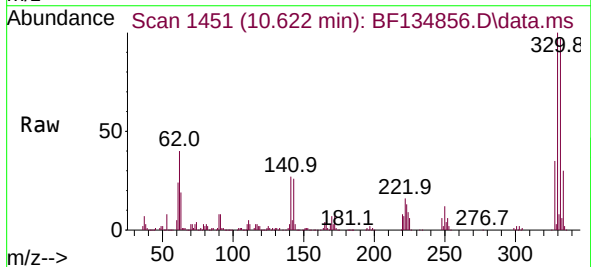
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

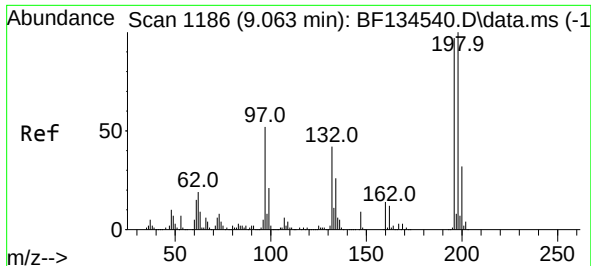
Tgt Ion:237 Resp: 131143
Ion Ratio Lower Upper
237 100
235 61.3 37.0 77.0
272 14.4 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 94.482 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:330 Resp: 224335
Ion Ratio Lower Upper
330 100
332 97.6 78.8 118.2
141 30.6 25.4 38.2

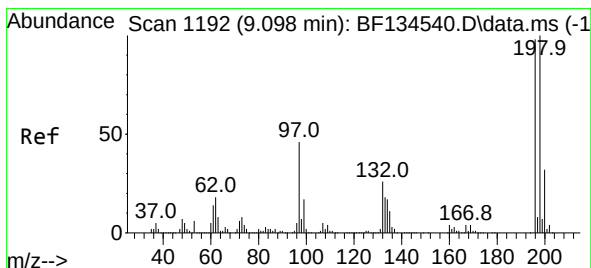
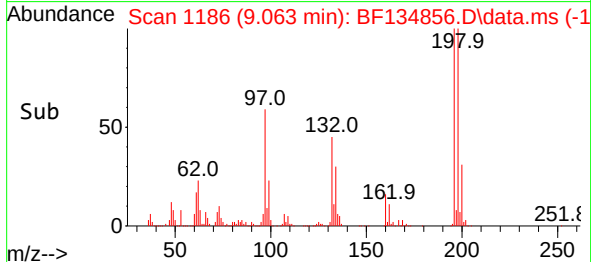
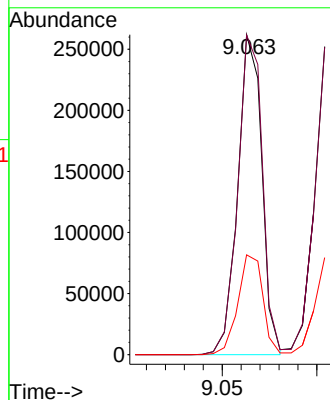
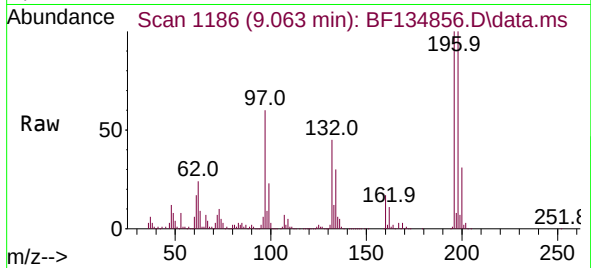




#43
2,4,6-Trichlorophenol
Concen: 52.135 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

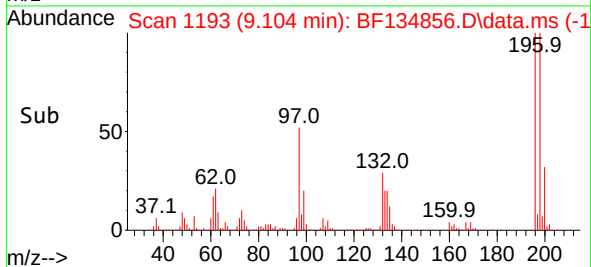
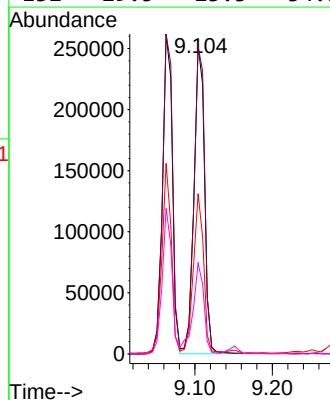
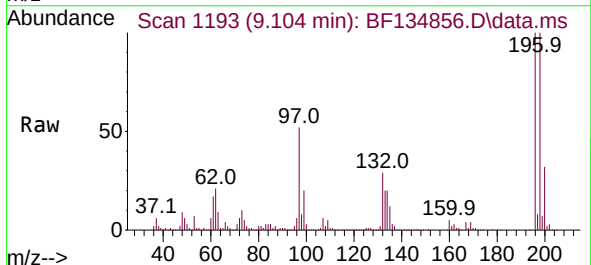
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

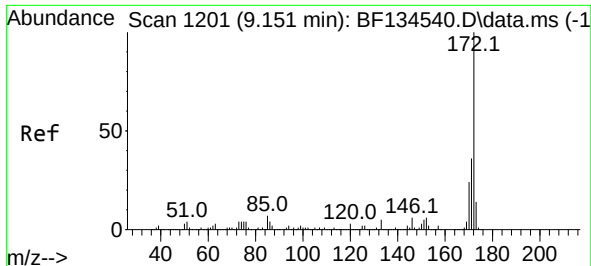
Tgt Ion:196 Resp: 231095
Ion Ratio Lower Upper
196 100
198 99.9 77.4 116.2
200 31.2 25.4 38.2



#44
2,4,5-Trichlorophenol
Concen: 47.048 ng
RT: 9.104 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:196 Resp: 238350
Ion Ratio Lower Upper
196 100
198 99.8 73.0 109.4
97 51.9 40.8 61.2
132 29.5 23.3 34.9

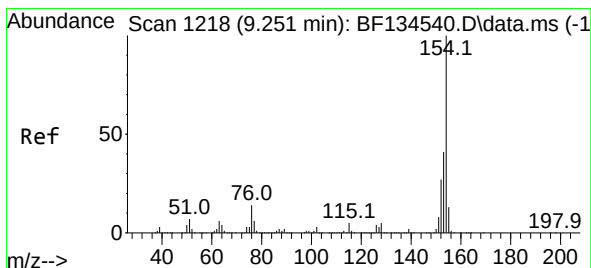
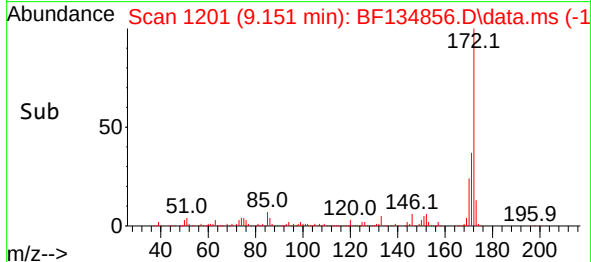
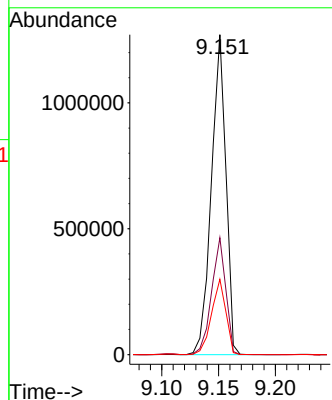
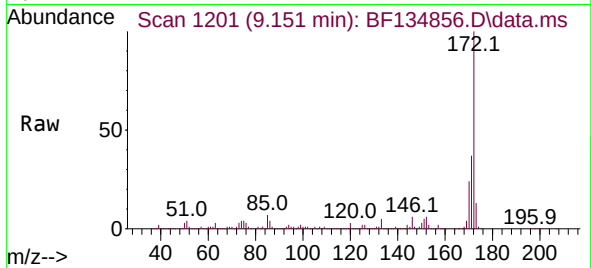




#45
2-Fluorobiphenyl
Concen: 80.684 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

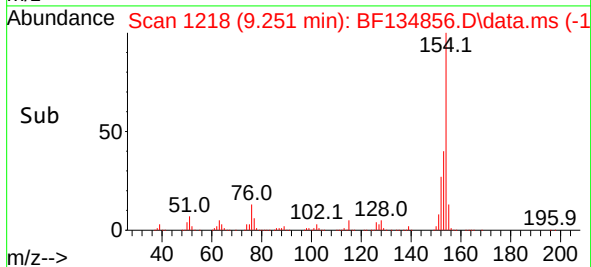
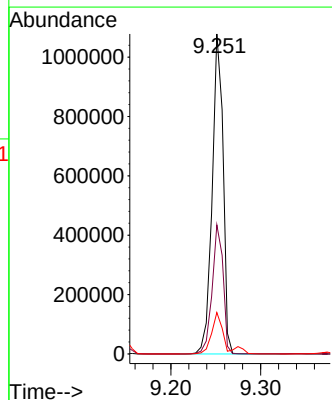
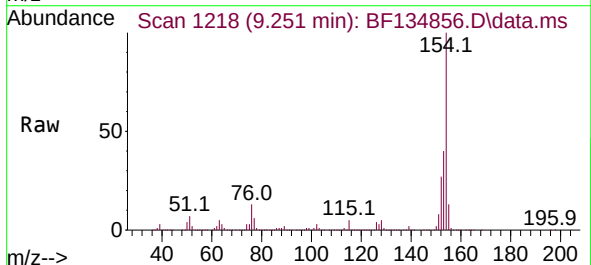
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

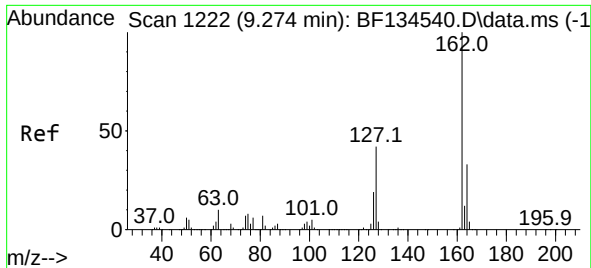
Tgt Ion:172 Resp: 1130258
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 50.213 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:154 Resp: 909473
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 12.9 0.0 30.2

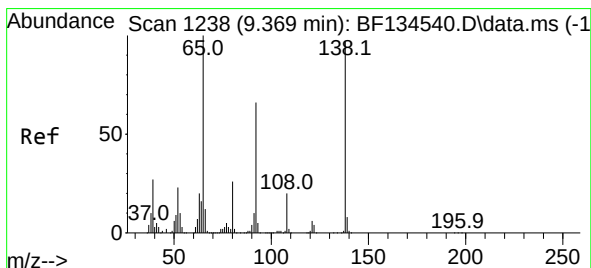
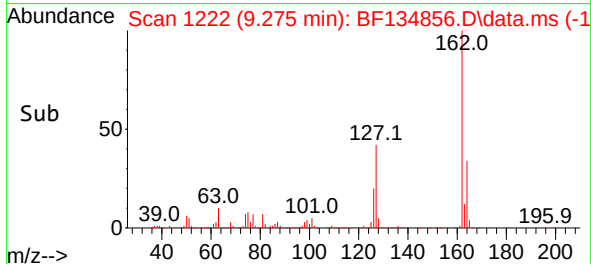
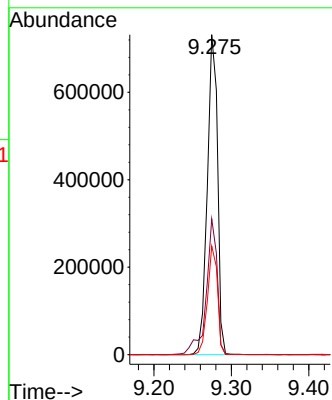
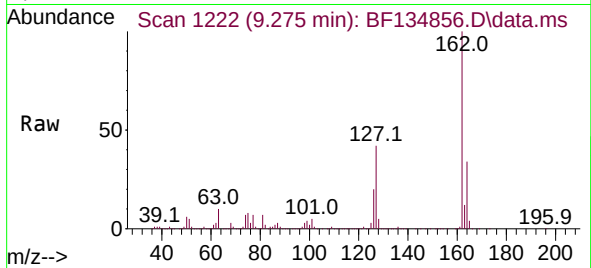




#47
2-Chloronaphthalene
Concen: 49.572 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

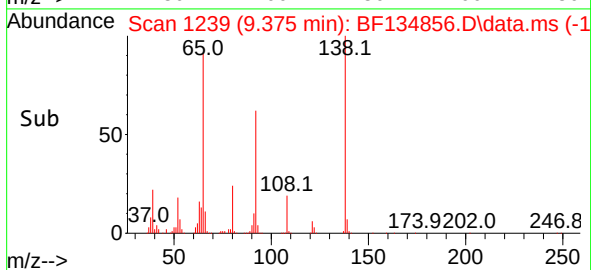
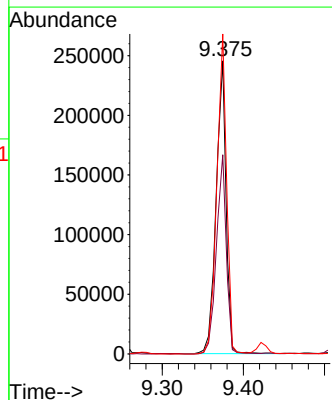
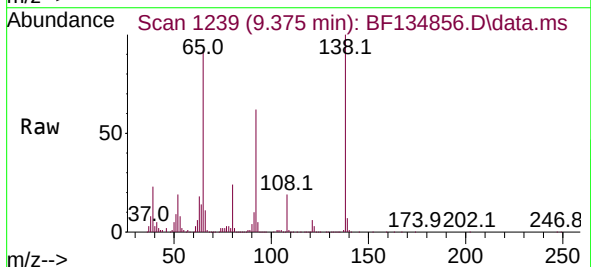
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

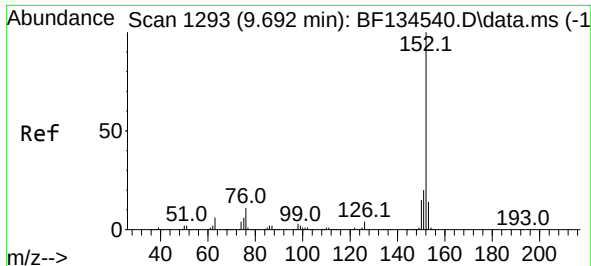
Tgt Ion:162 Resp: 672767
Ion Ratio Lower Upper
162 100
127 42.4 34.0 51.0
164 33.9 25.7 38.5



#48
2-Nitroaniline
Concen: 49.494 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion: 65 Resp: 209859
Ion Ratio Lower Upper
65 100
92 67.9 50.7 76.1
138 109.2 78.2 117.4

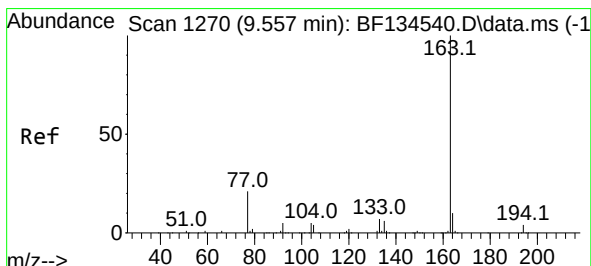
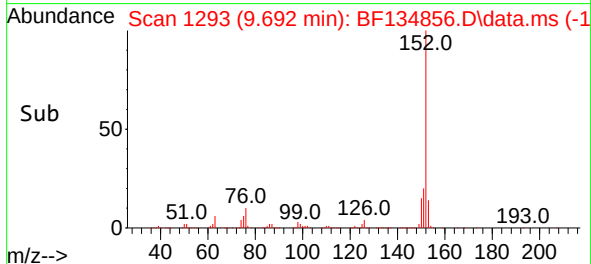
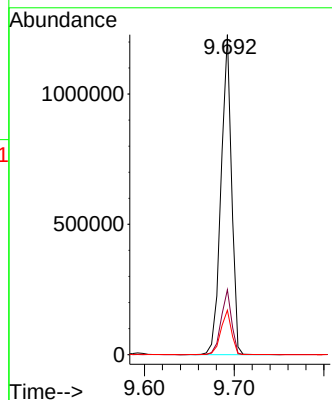
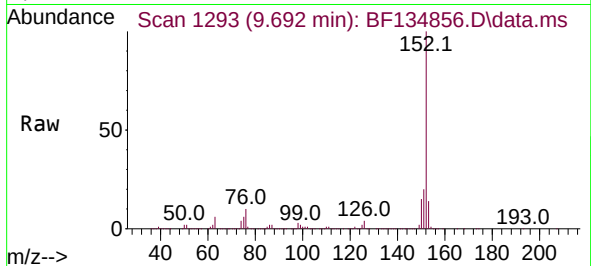




#49
Acenaphthylene
Concen: 46.939 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

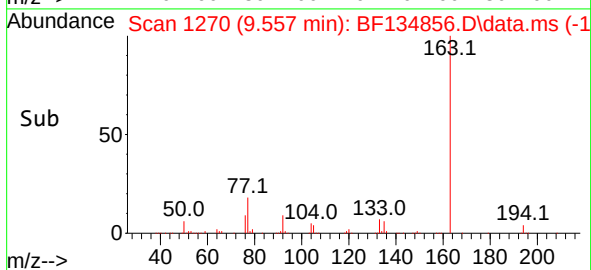
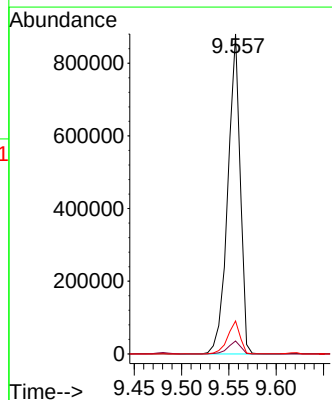
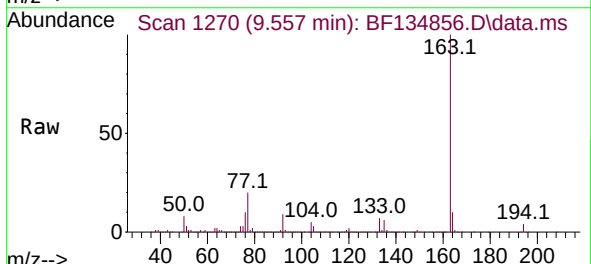
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

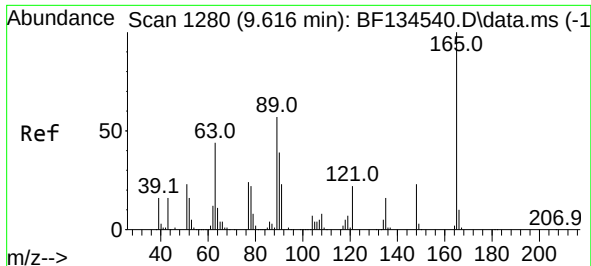
Tgt Ion:152 Resp: 1001348
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.9 10.9 16.3



#50
Dimethylphthalate
Concen: 50.352 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:163 Resp: 799331
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 7.5 11.3

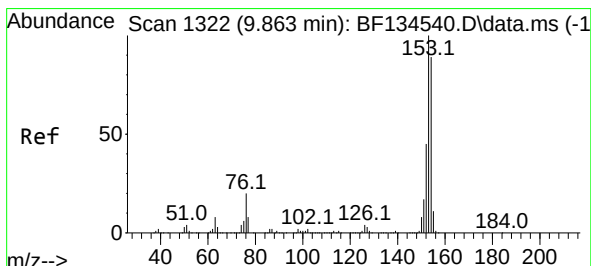
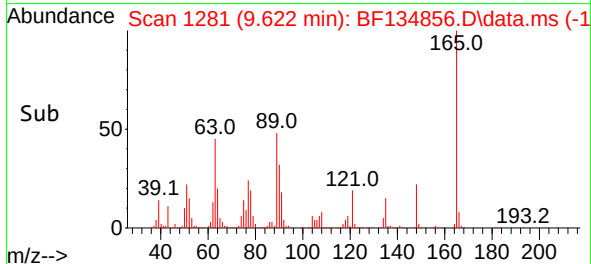
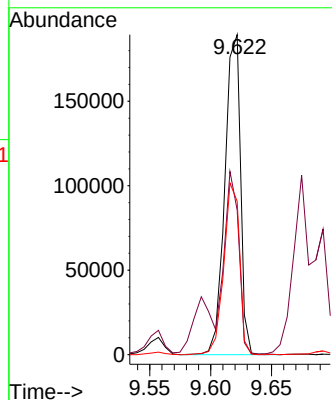
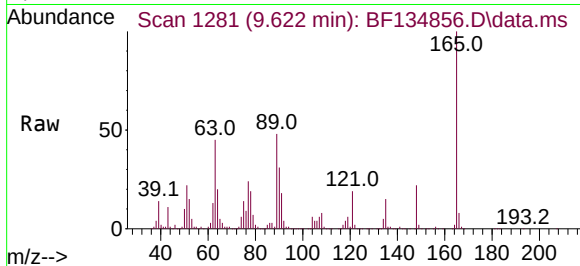




#51
2,6-Dinitrotoluene
Concen: 51.903 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

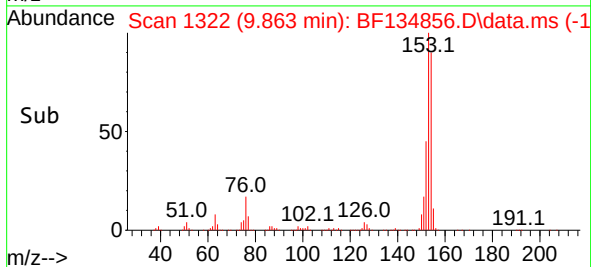
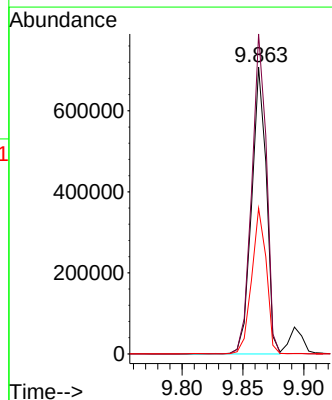
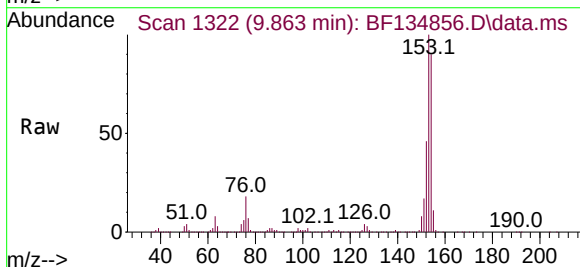
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

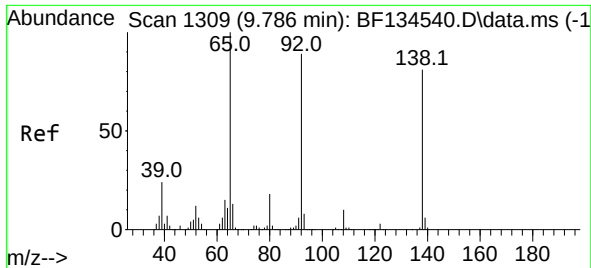
Tgt Ion:165 Resp: 169519
Ion Ratio Lower Upper
165 100
63 45.2 57.8 86.6#
89 47.9 51.8 77.8#



#52
Acenaphthene
Concen: 42.904 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:154 Resp: 593135
Ion Ratio Lower Upper
154 100
153 111.6 90.0 135.0
152 50.8 42.4 63.6

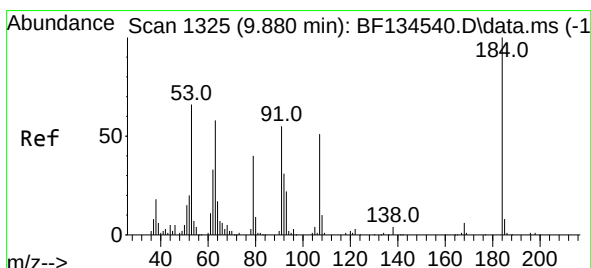
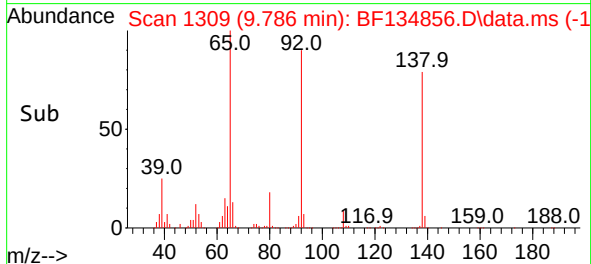
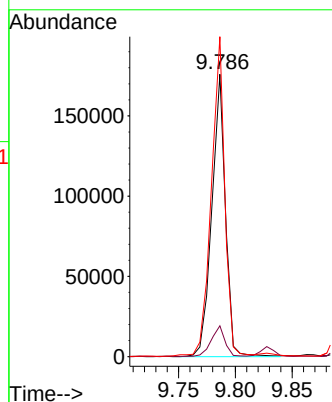
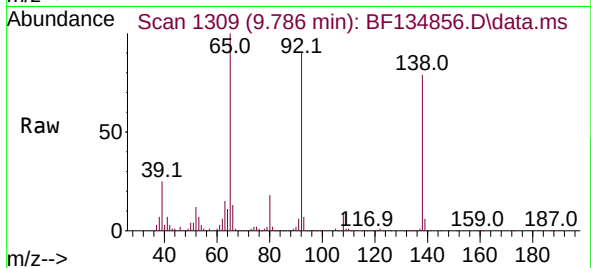




#53
3-Nitroaniline
Concen: 41.656 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

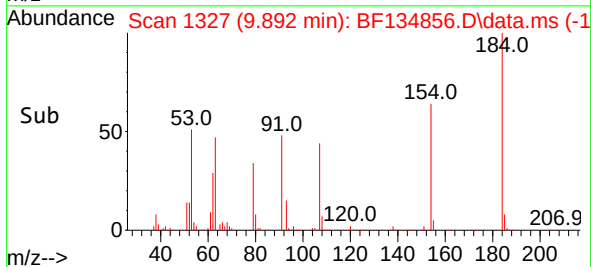
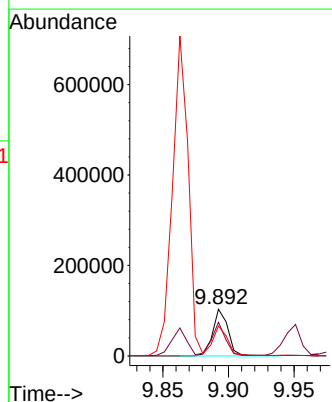
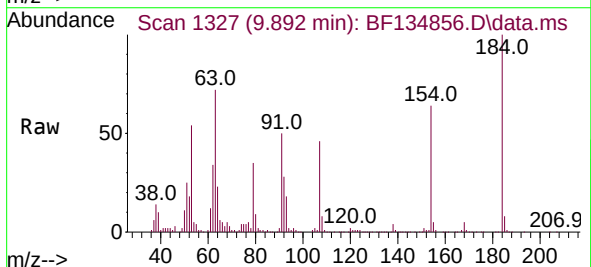
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

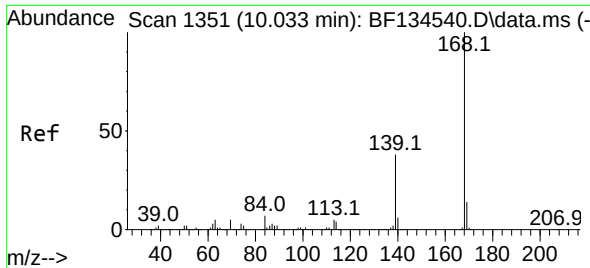
Tgt Ion:138 Resp: 147393
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 113.4 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 69.335 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:184 Resp: 84194
Ion Ratio Lower Upper
184 100
63 72.1 57.1 85.7
154 64.1 59.1 88.7

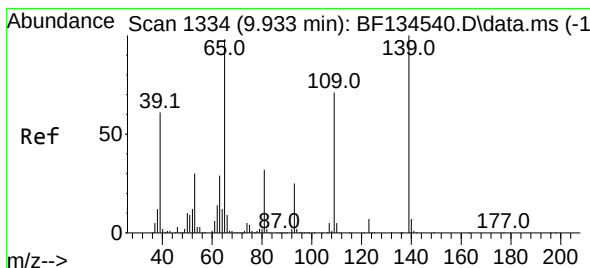
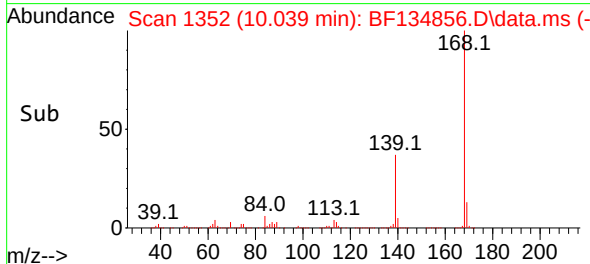
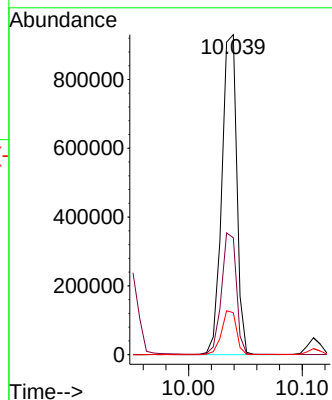
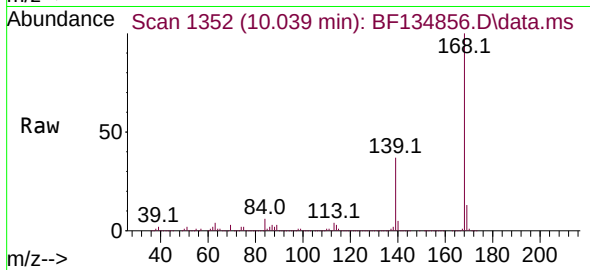




#55
Dibenzofuran
Concen: 43.166 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

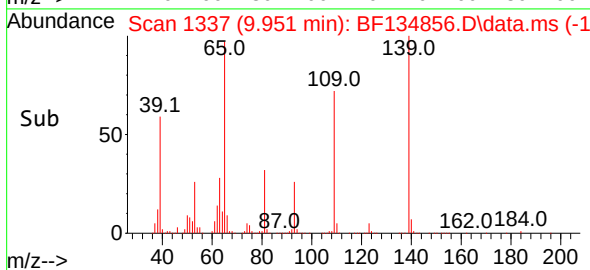
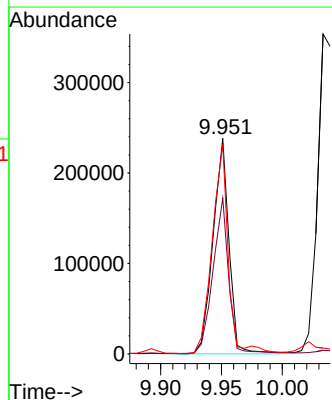
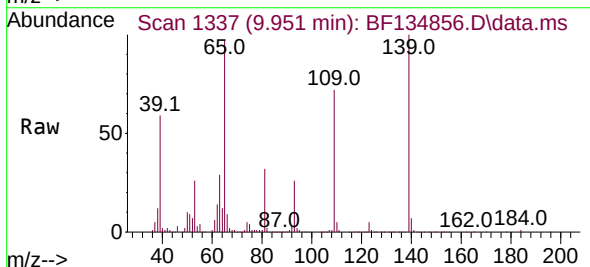
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

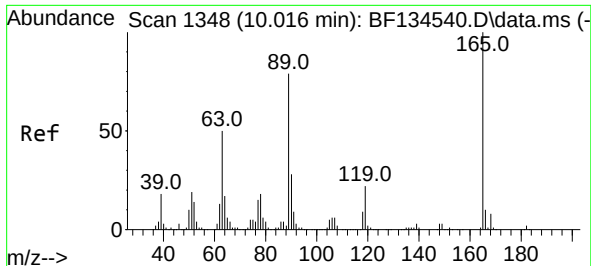
Tgt Ion:168 Resp: 849522
Ion Ratio Lower Upper
168 100
139 36.5 33.4 50.2
169 13.1 10.6 15.8



#56
4-Nitrophenol
Concen: 74.730 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:139 Resp: 216264
Ion Ratio Lower Upper
139 100
109 72.4 76.9 116.9#
65 97.2 98.5 138.5#

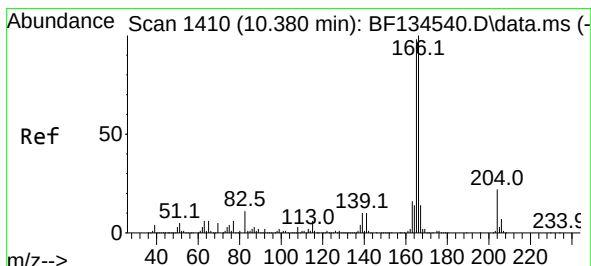
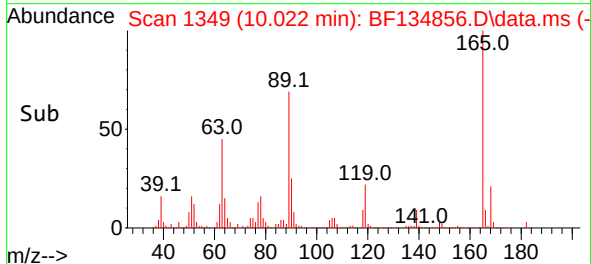
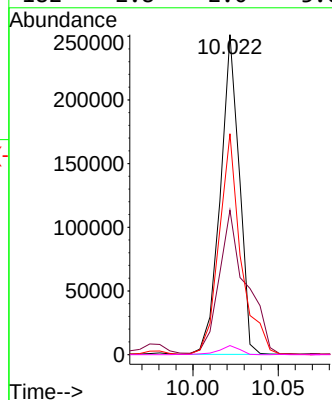
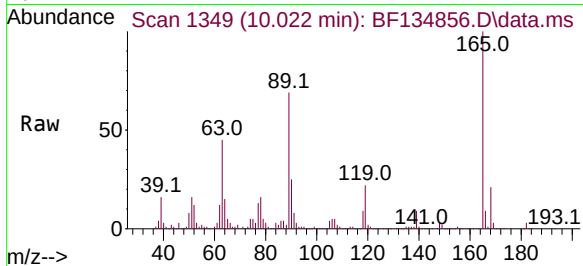




#57
2,4-Dinitrotoluene
Concen: 49.254 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

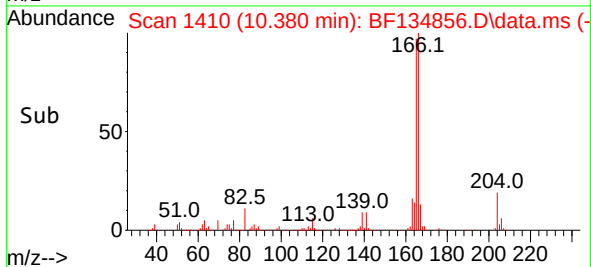
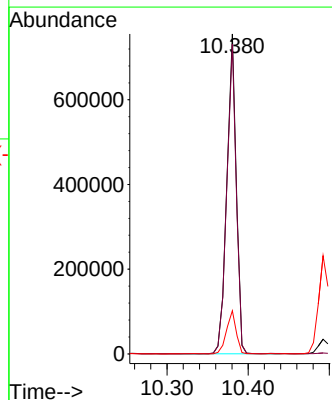
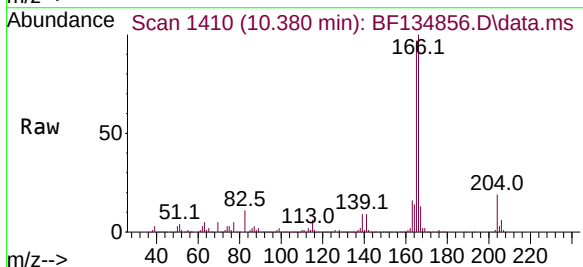
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

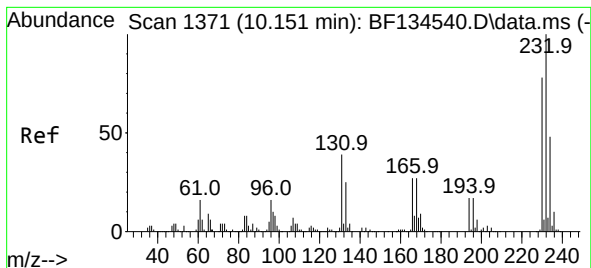
Tgt Ion:165 Resp: 193813
Ion Ratio Lower Upper
165 100
63 45.2 48.9 73.3#
89 69.0 61.7 92.5
182 2.8 2.0 3.0



#58
Fluorene
Concen: 42.252 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:166 Resp: 605677
Ion Ratio Lower Upper
166 100
165 96.8 74.5 111.7
167 13.5 10.6 16.0



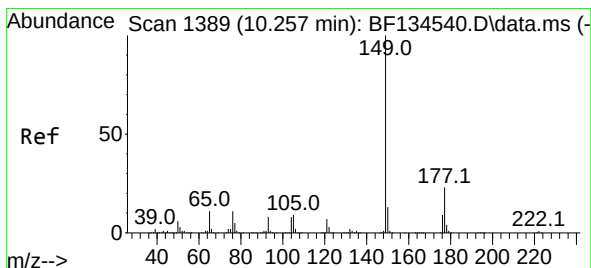
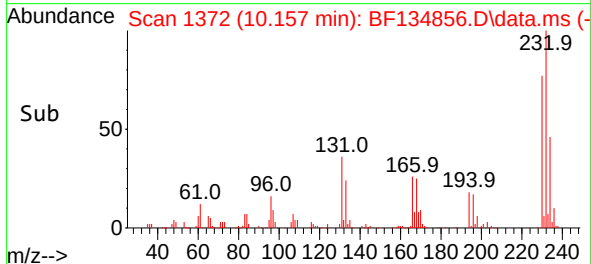
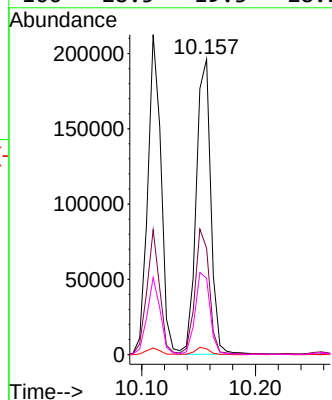
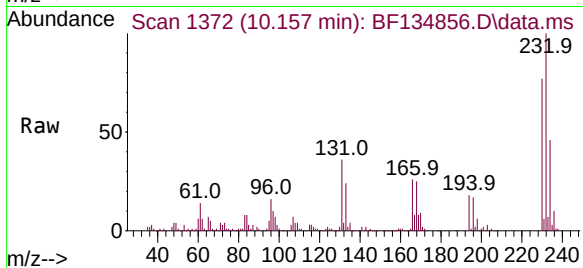


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.422 ng
RT: 10.157 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:232 Resp: 174036

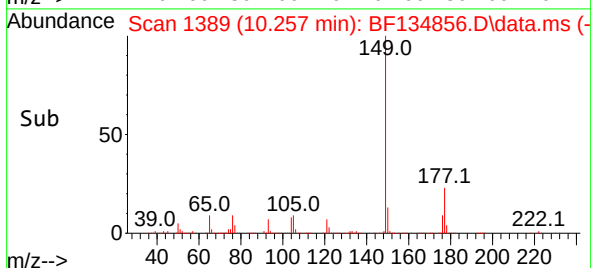
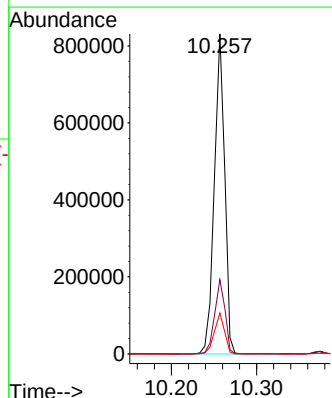
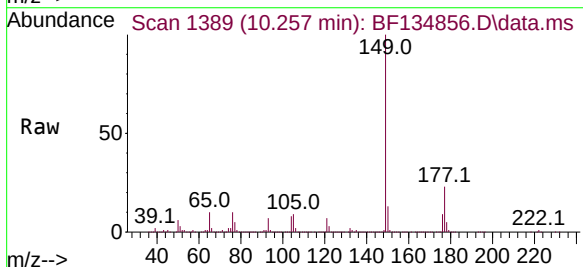
Ion	Ratio	Lower	Upper
232	100		
131	41.7	33.4	50.0
130	2.4	1.8	2.6
166	28.5	19.3	28.9

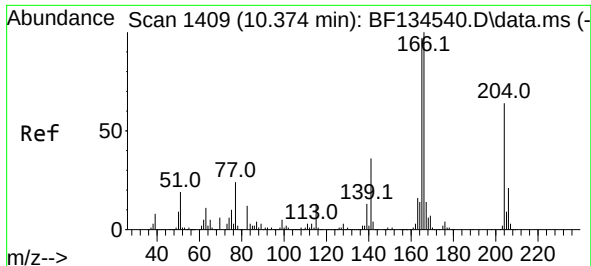


#60
Diethylphthalate
Concen: 46.614 ng
RT: 10.257 min Scan# 1389
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:149 Resp: 701415

Ion	Ratio	Lower	Upper
149	100		
177	23.3	17.0	25.4
150	12.8	9.9	14.9

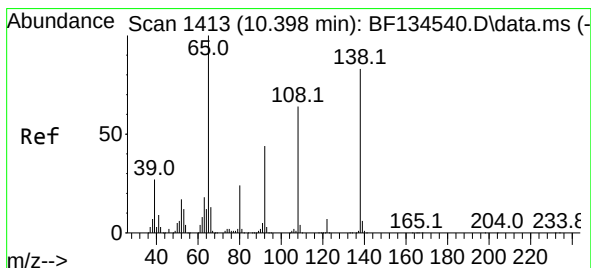
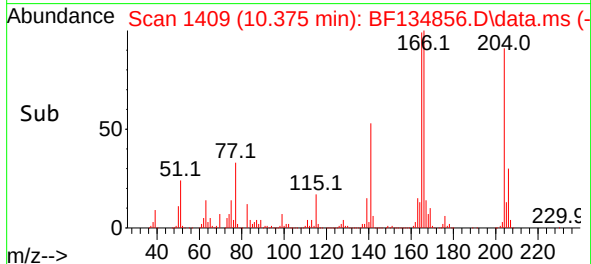
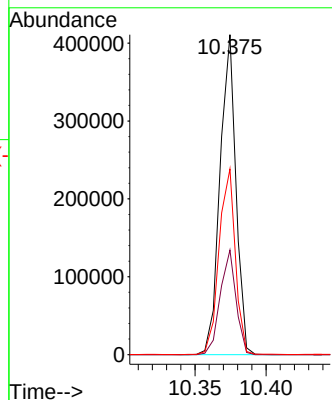
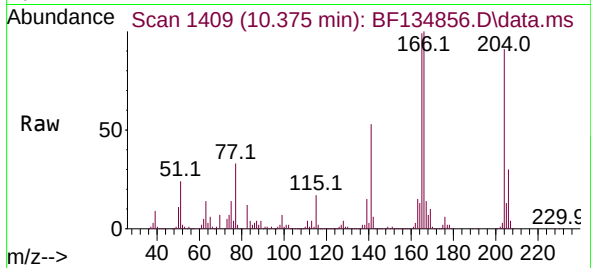




#61
4-Chlorophenyl-phenylether
Concen: 45.514 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

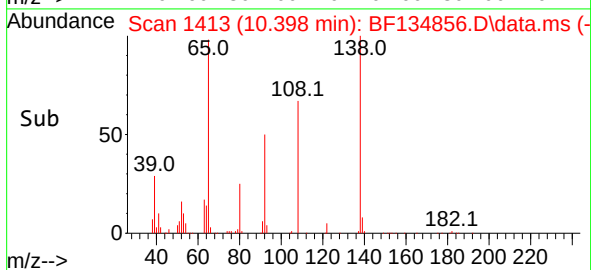
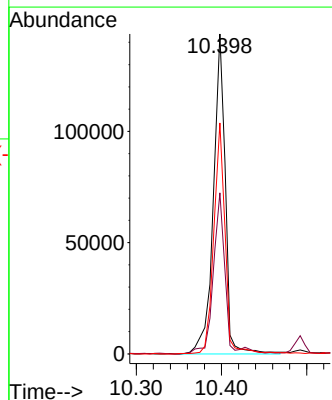
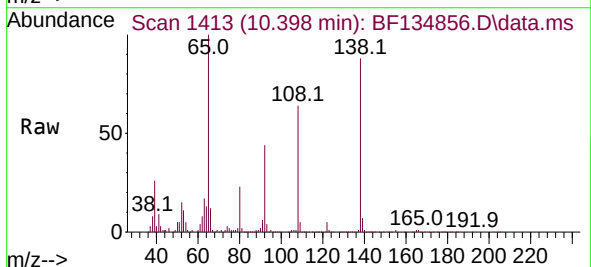
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

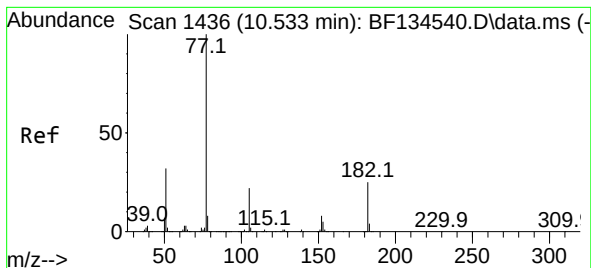
Tgt Ion:204 Resp: 320692
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 58.0 52.2 78.4



#62
4-Nitroaniline
Concen: 40.268 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:138 Resp: 139656
Ion Ratio Lower Upper
138 100
92 50.3 27.0 67.0
108 72.2 70.4 110.4





#63

Azobenzene

Concen: 38.599 ng

RT: 10.533 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 624026

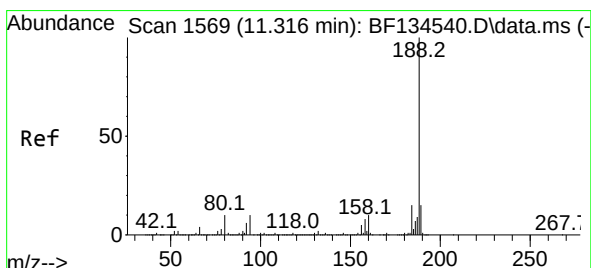
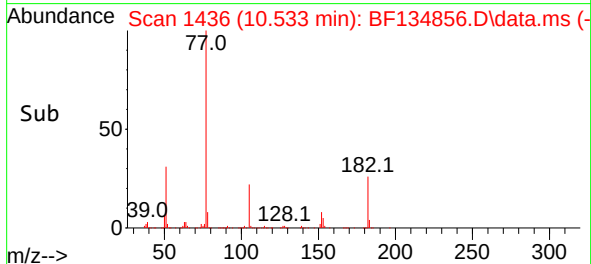
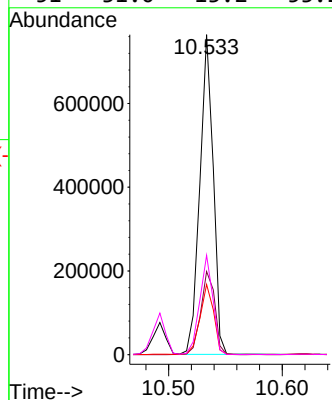
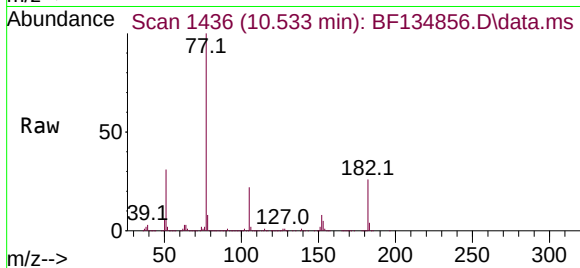
Ion Ratio Lower Upper

77 100

182 26.0 7.5 47.5

105 21.9 1.9 41.9

51 31.0 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

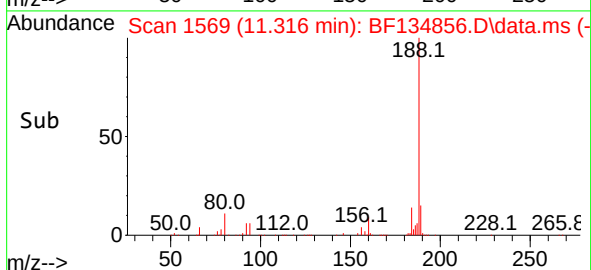
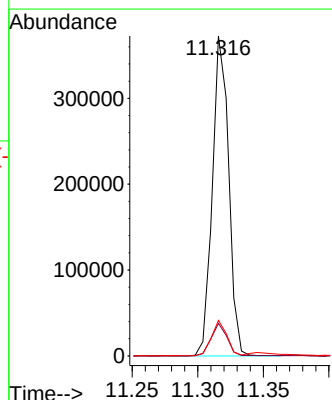
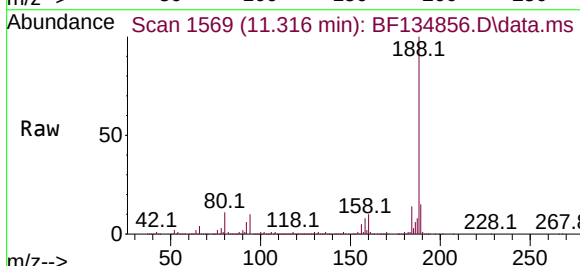
Tgt Ion: 188 Resp: 321998

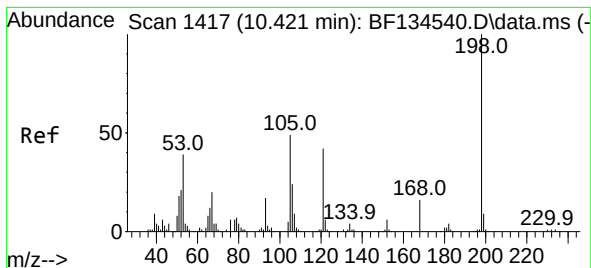
Ion Ratio Lower Upper

188 100

94 10.2 5.1 7.7#

80 11.1 6.6 9.8#

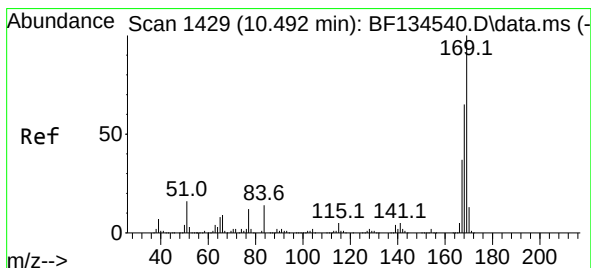
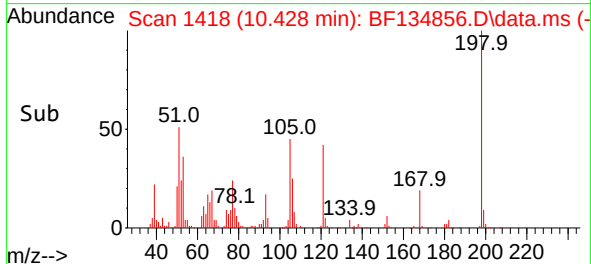
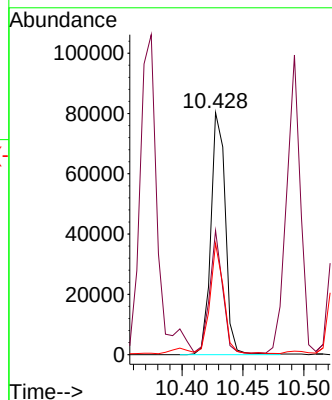
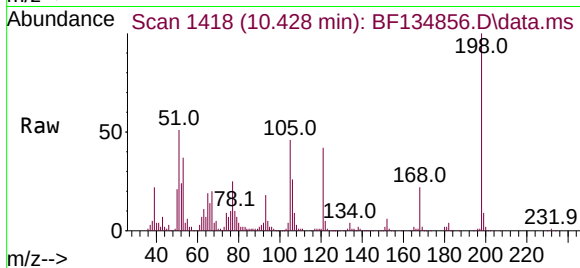




#65
4,6-Dinitro-2-methylphenol
Concen: 50.465 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

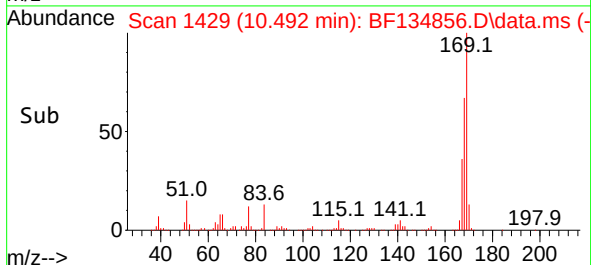
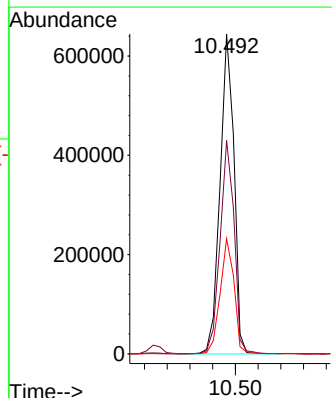
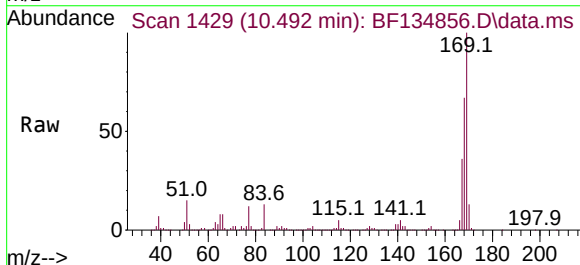
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

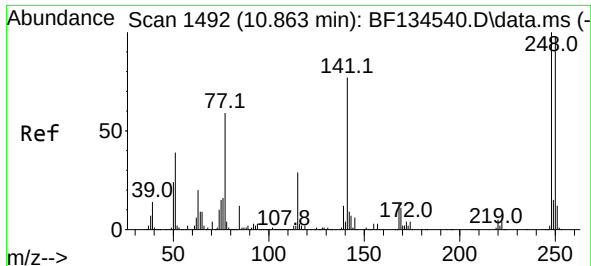
Tgt Ion:198 Resp: 66388
Ion Ratio Lower Upper
198 100
51 51.2 38.6 78.6
105 45.9 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 53.513 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:169 Resp: 548451
Ion Ratio Lower Upper
169 100
168 66.7 52.6 78.8
167 36.0 29.8 44.8

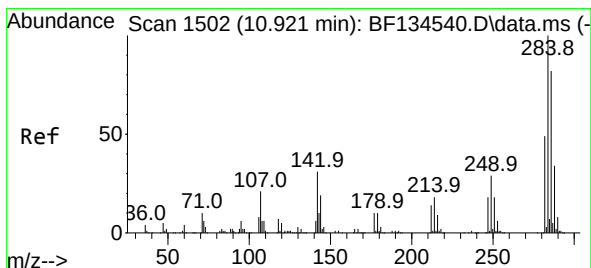
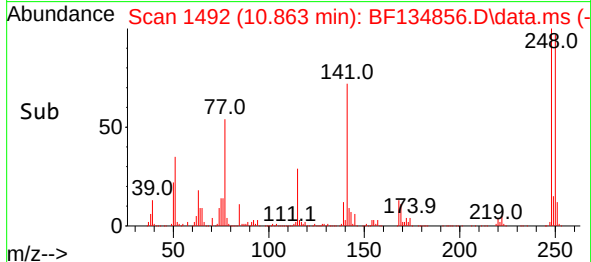
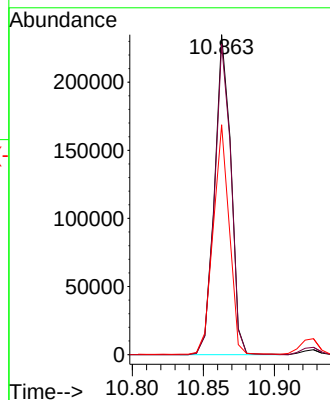
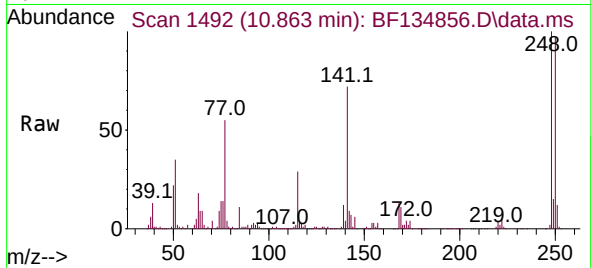




#67
4-Bromophenyl-phenylether
Concen: 53.413 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

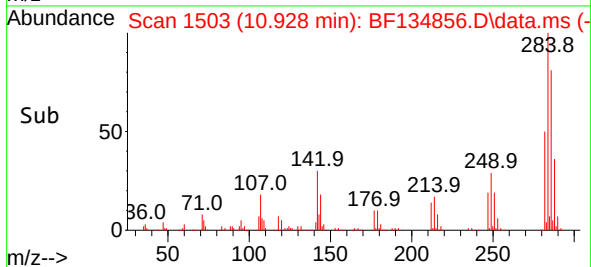
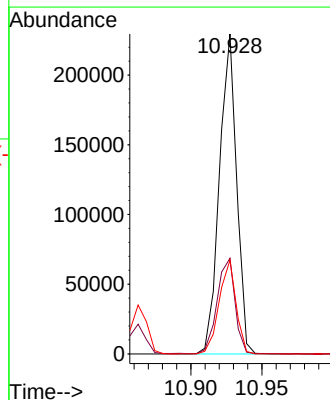
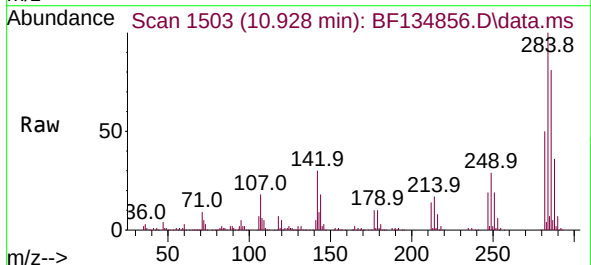
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

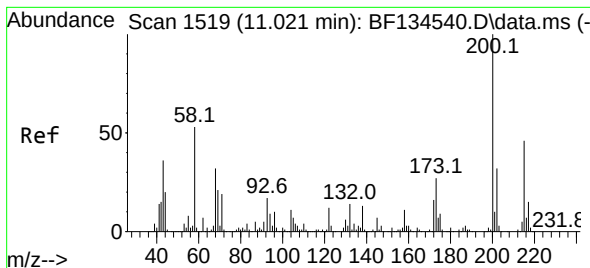
Tgt Ion:248 Resp: 188274
Ion Ratio Lower Upper
248 100
250 97.1 79.6 119.4
141 71.8 59.6 89.4



#68
Hexachlorobenzene
Concen: 52.005 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:284 Resp: 193572
Ion Ratio Lower Upper
284 100
142 29.9 26.5 39.7
249 29.3 23.8 35.8





#69

Atrazine

Concen: 62.177 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

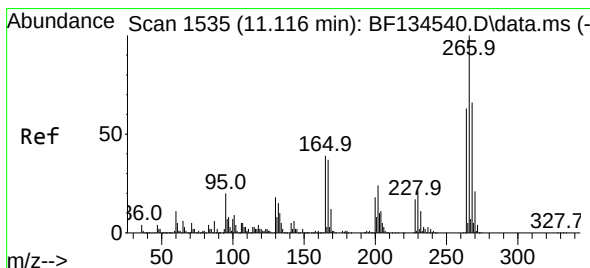
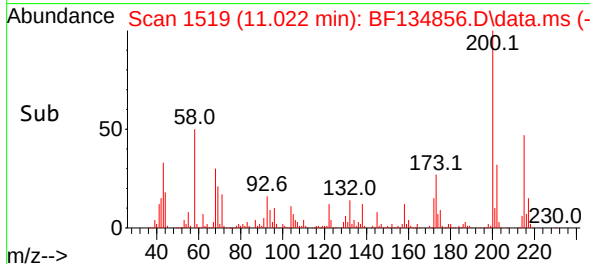
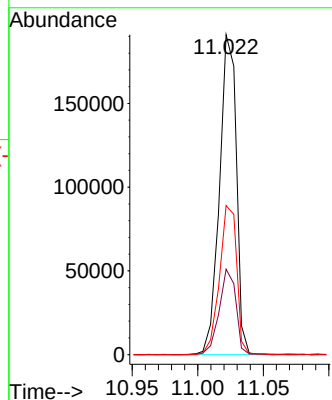
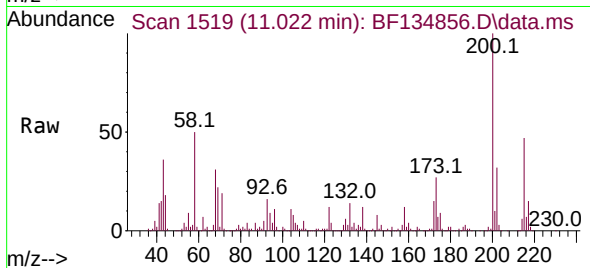
Tgt Ion:200 Resp: 171761

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

215 46.6 29.7 69.7



#70

Pentachlorophenol

Concen: 77.372 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

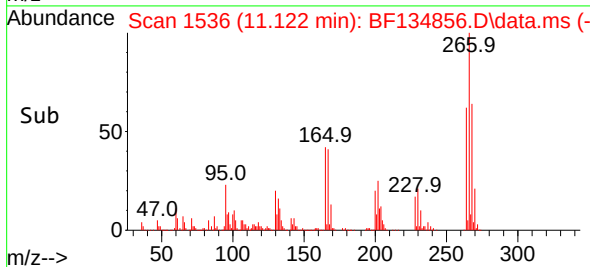
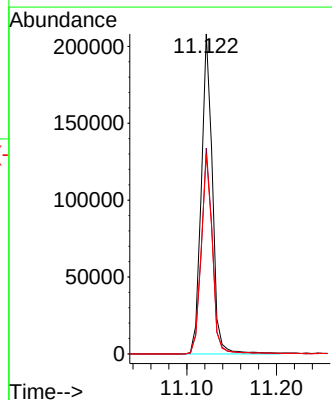
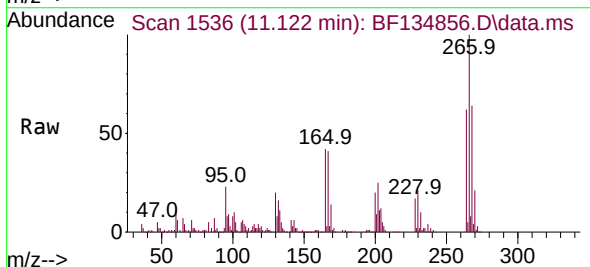
Tgt Ion:266 Resp: 178315

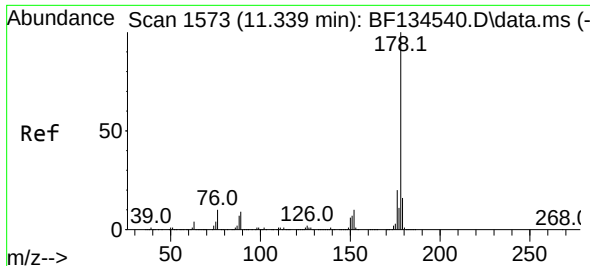
Ion Ratio Lower Upper

266 100

268 64.3 52.9 79.3

264 62.5 47.8 71.6

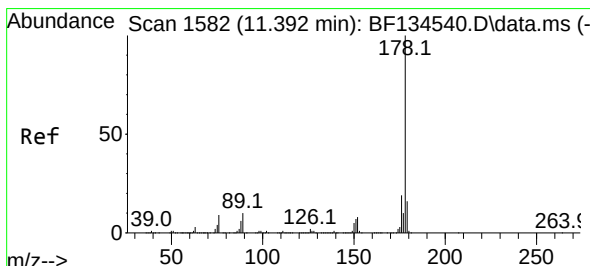
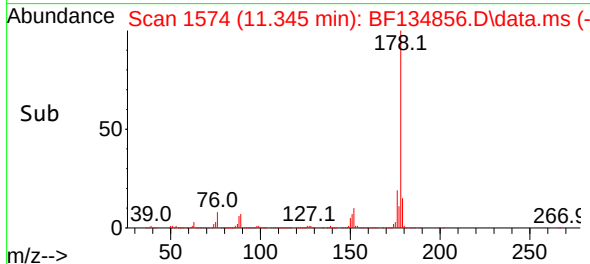
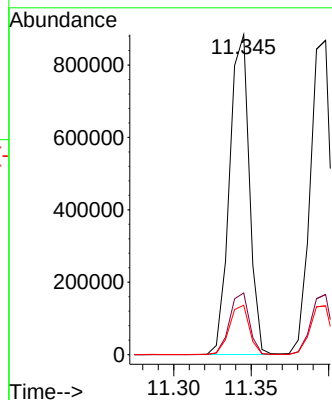
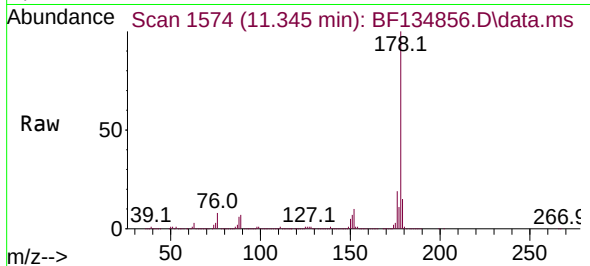




#71
Phenanthrene
Concen: 46.035 ng
RT: 11.345 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

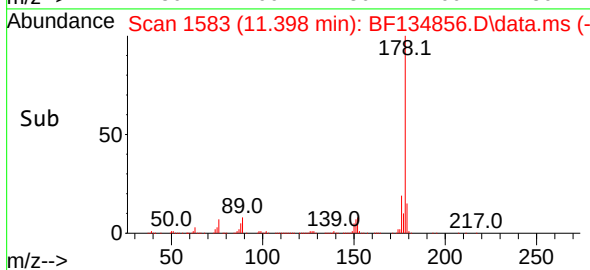
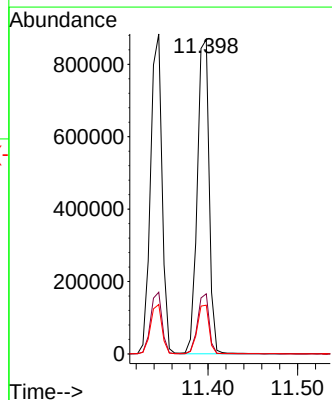
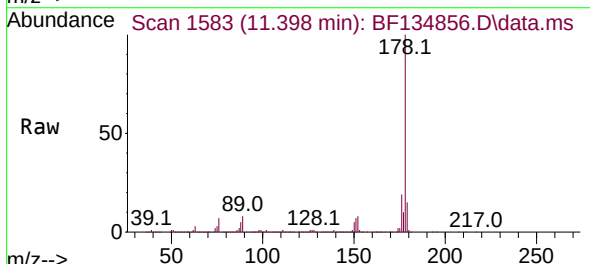
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

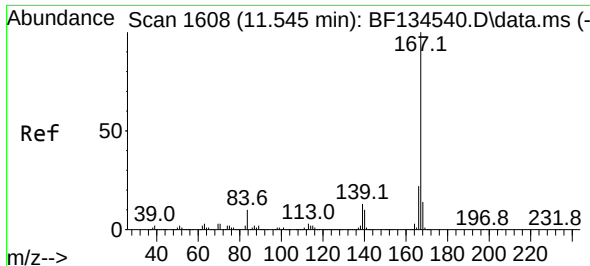
Tgt Ion:178 Resp: 787344
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.4 12.7 19.1



#72
Anthracene
Concen: 45.493 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:178 Resp: 794762
Ion Ratio Lower Upper
178 100
176 19.1 14.6 21.8
179 15.5 12.3 18.5

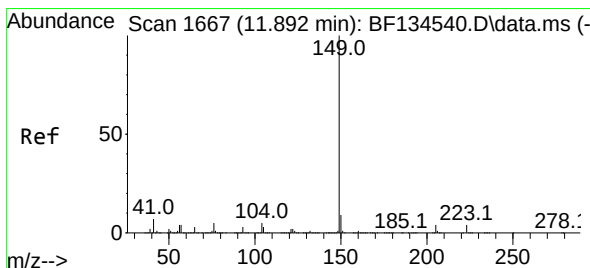
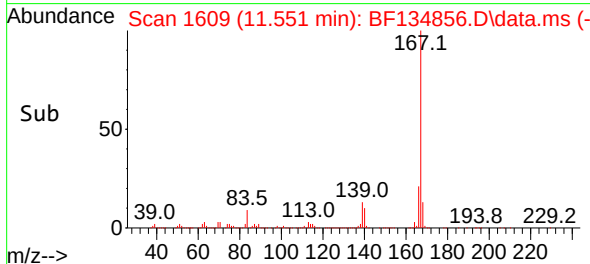
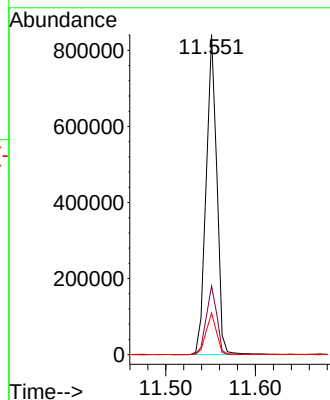
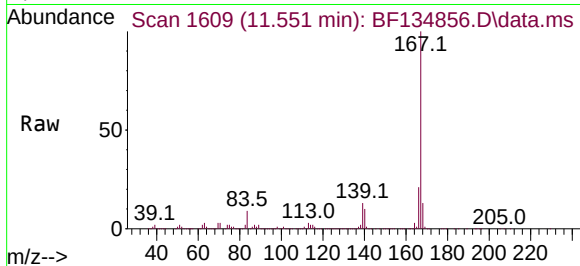




#73
 Carbazole
 Concen: 44.435 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134856.D
 Acq: 18 Aug 2023 23:39

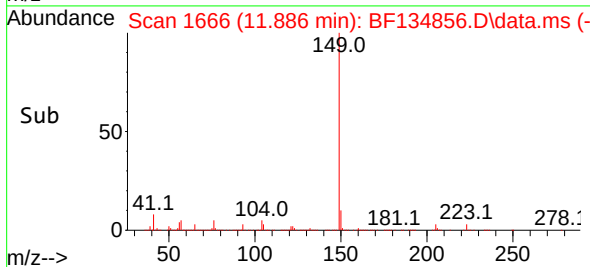
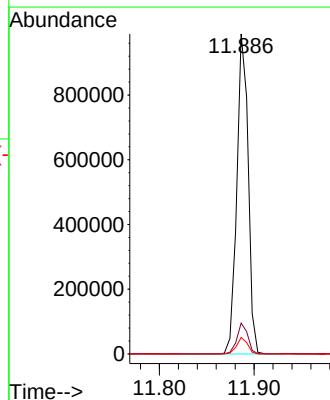
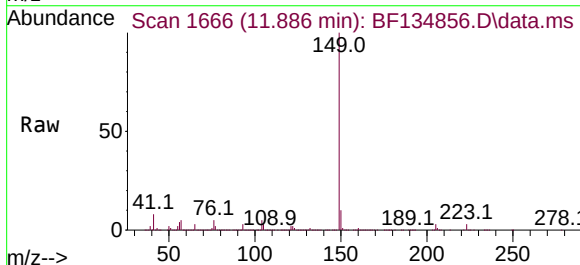
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

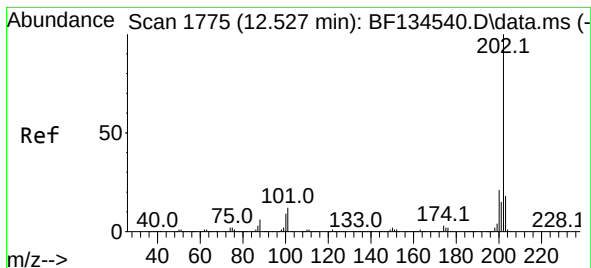
Tgt Ion:167 Resp: 693124
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.5 26.3
 139 13.0 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 49.906 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF134856.D
 Acq: 18 Aug 2023 23:39

Tgt Ion:149 Resp: 827034
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 5.1 3.8 5.8





#75

Fluoranthene

Concen: 46.521 ng

RT: 12.533 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

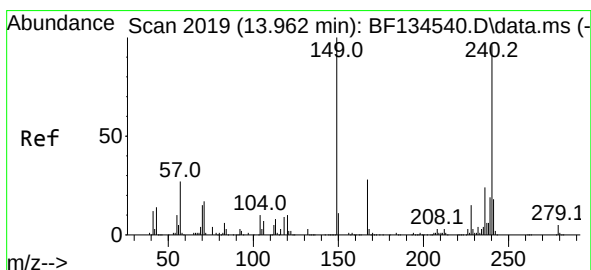
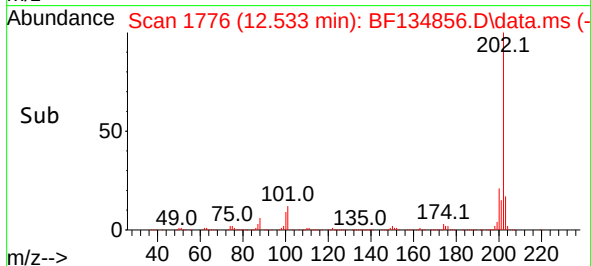
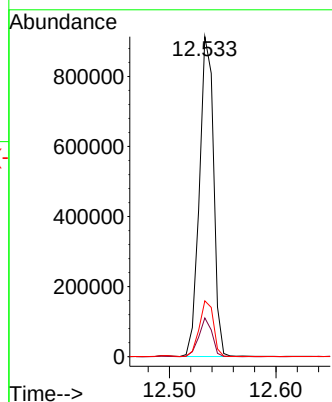
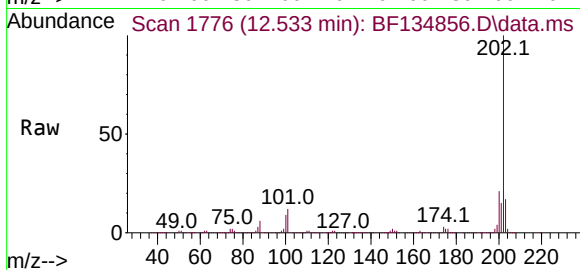
Tgt Ion:202 Resp: 840469

Ion Ratio Lower Upper

202 100

101 12.1 0.0 28.5

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

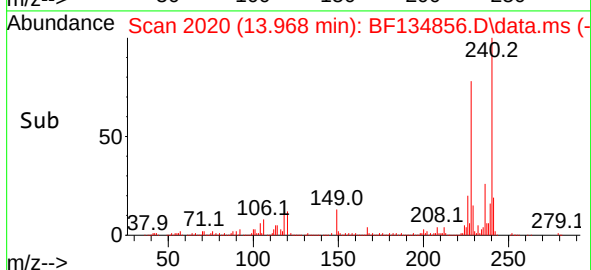
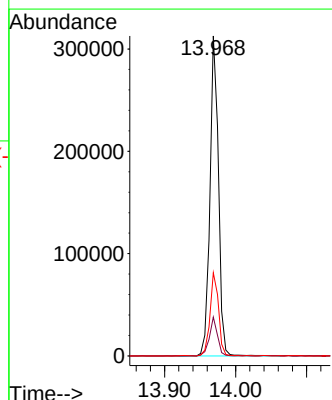
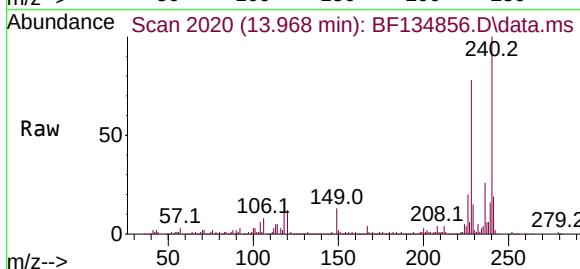
Tgt Ion:240 Resp: 257282

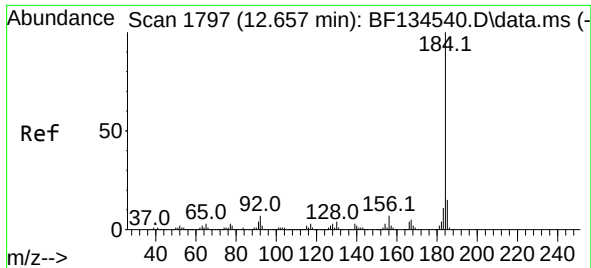
Ion Ratio Lower Upper

240 100

120 12.1 6.6 10.0#

236 26.0 20.2 30.2

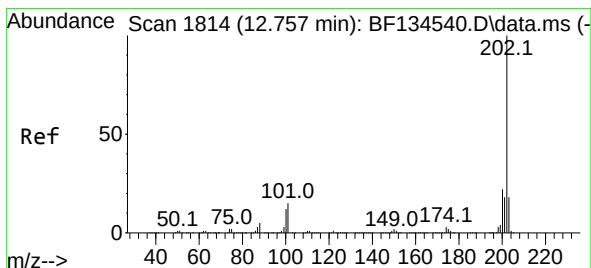
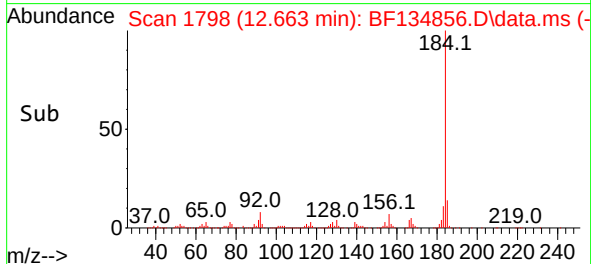
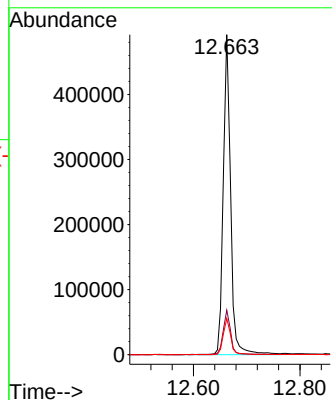
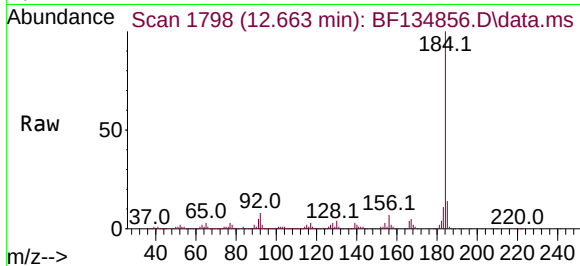




#77
Benzidine
Concen: 84.247 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

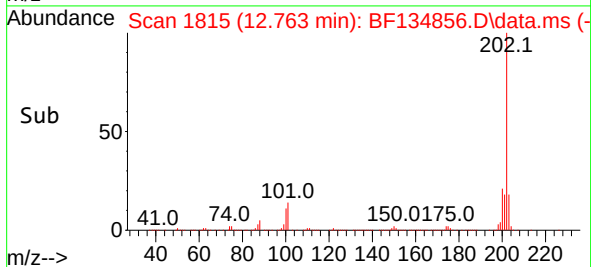
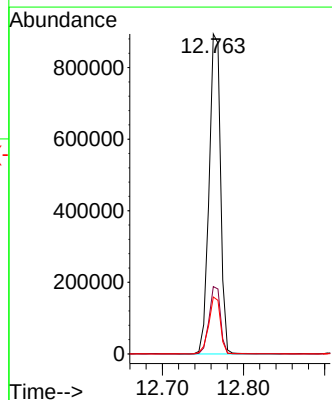
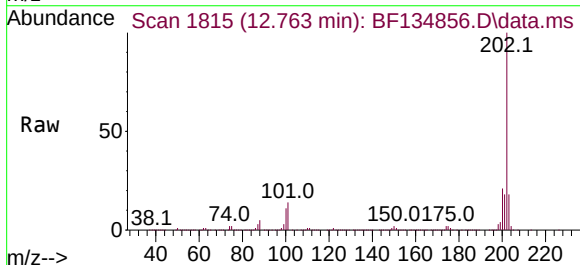
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

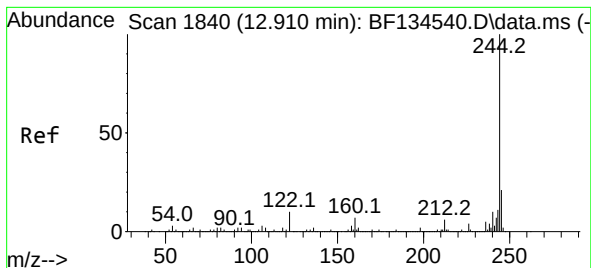
Tgt Ion:184 Resp: 470521
Ion Ratio Lower Upper
184 100
185 13.9 11.2 16.8
183 11.3 8.6 13.0



#78
Pyrene
Concen: 39.551 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:202 Resp: 880528
Ion Ratio Lower Upper
202 100
200 21.0 15.8 23.8
203 17.8 13.5 20.3





#79

Terphenyl-d14

Concen: 61.024 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

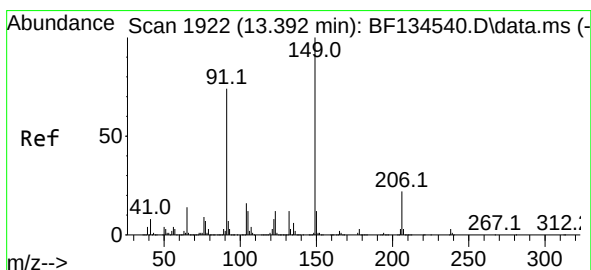
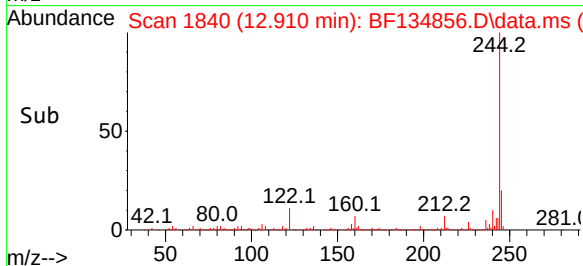
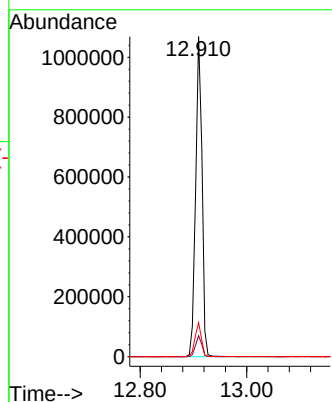
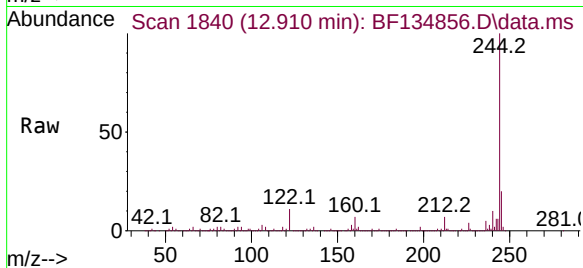
Tgt Ion:244 Resp: 890616

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

122 10.6 8.0 12.0



#80

Butylbenzylphthalate

Concen: 44.175 ng

RT: 13.392 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

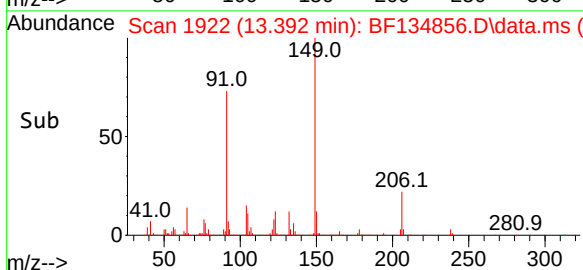
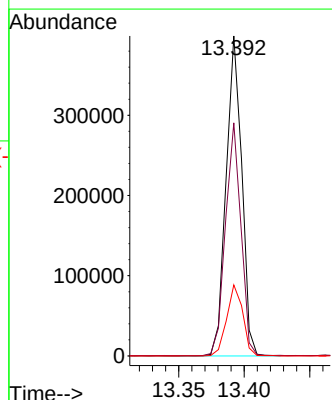
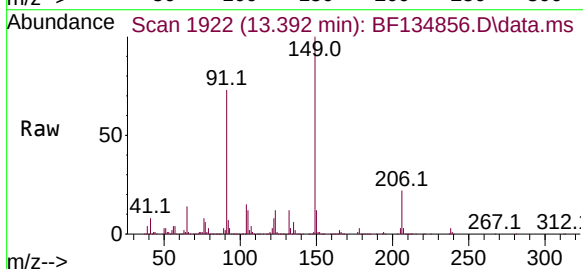
Tgt Ion:149 Resp: 332555

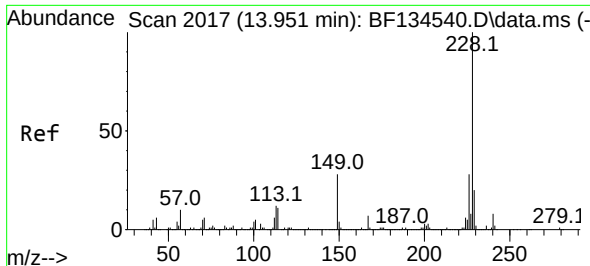
Ion Ratio Lower Upper

149 100

91 72.8 55.8 83.6

206 22.2 14.6 21.8#

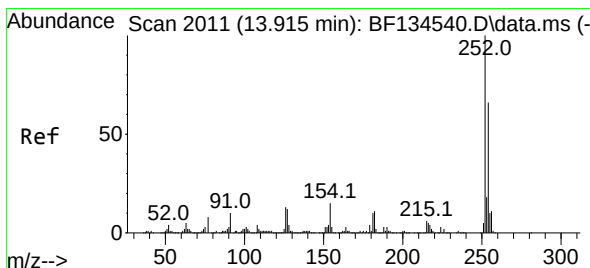
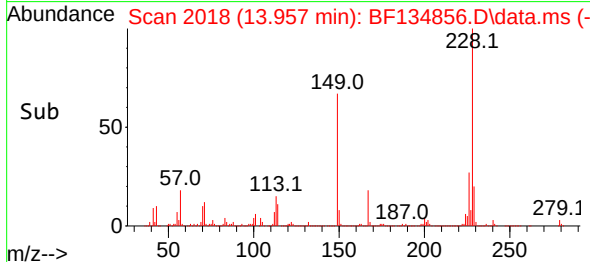
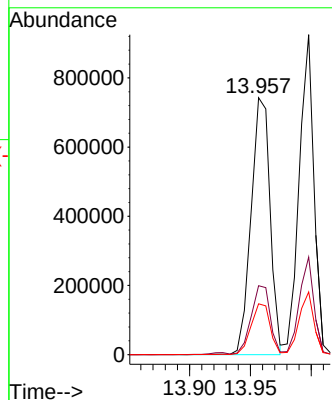
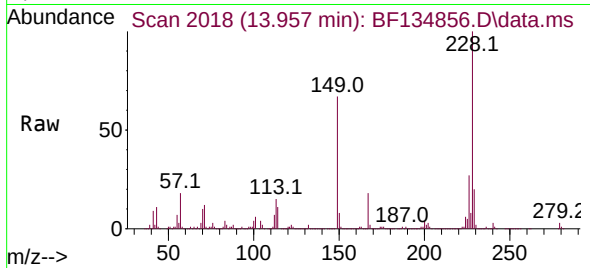




#81
Benzo(a)anthracene
Concen: 43.963 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

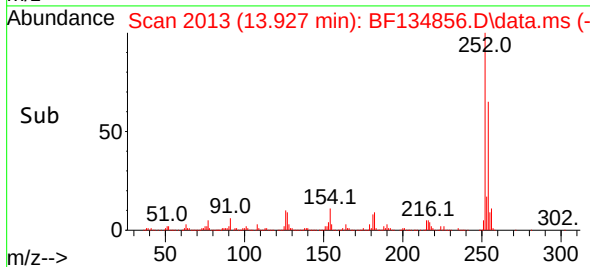
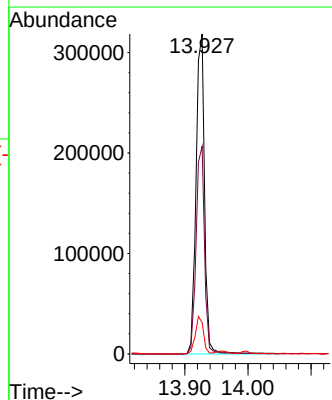
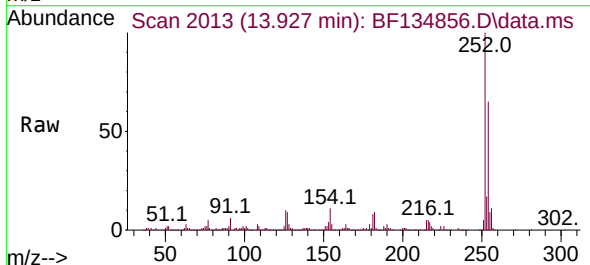
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

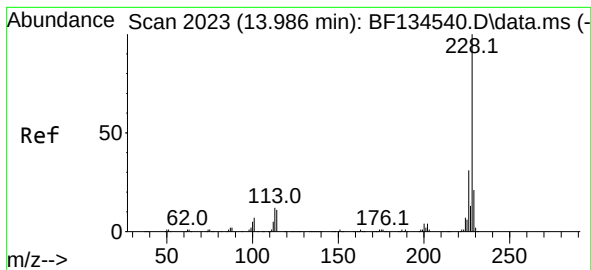
Tgt Ion:228 Resp: 808775
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 56.164 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:252 Resp: 299499
Ion Ratio Lower Upper
252 100
254 64.8 52.7 79.1
126 9.8 7.2 10.8





#83

Chrysene

Concen: 43.822 ng

RT: 13.998 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

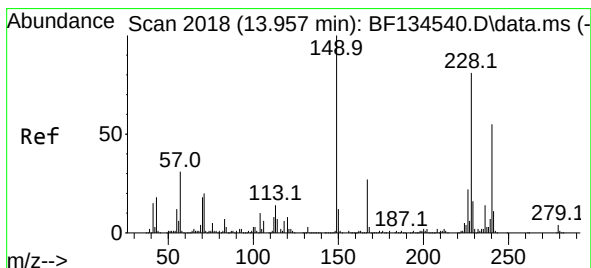
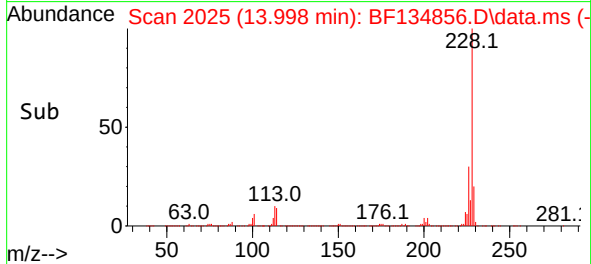
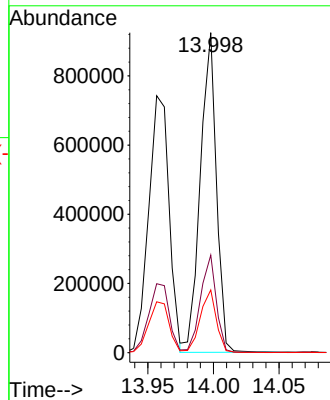
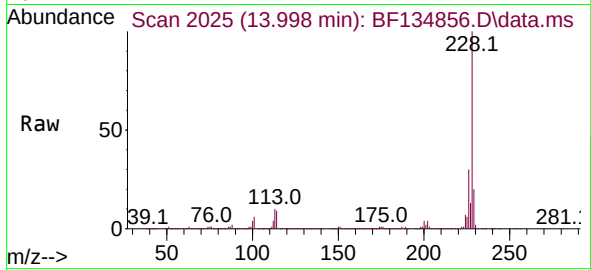
Tgt Ion:228 Resp: 785447

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 19.6 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.614 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

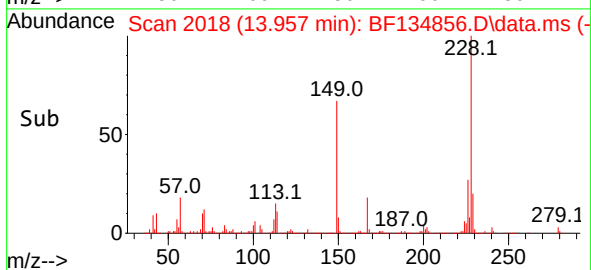
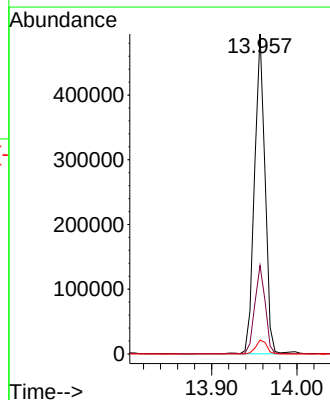
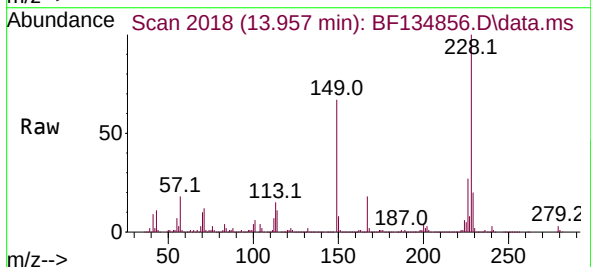
Tgt Ion:149 Resp: 421821

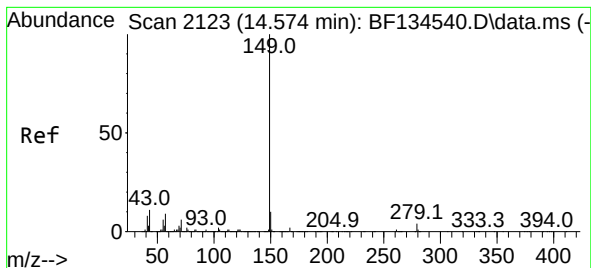
Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 62.770 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

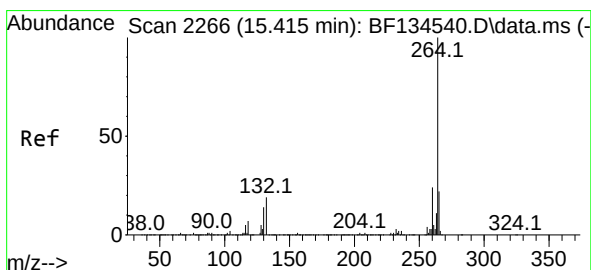
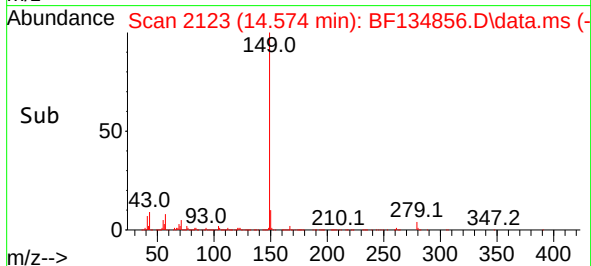
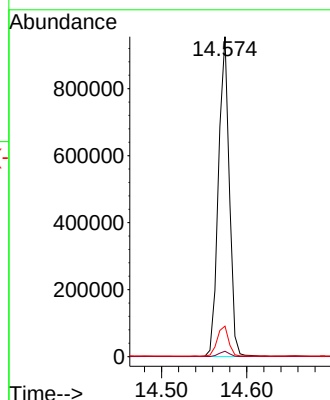
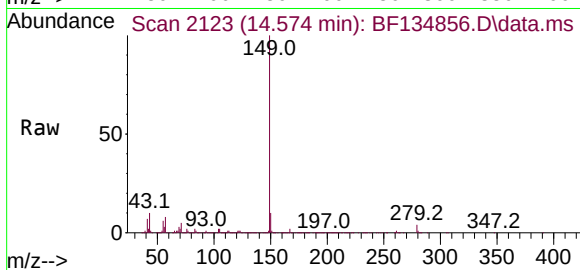
Tgt Ion:149 Resp: 845644

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF134856.D

Acq: 18 Aug 2023 23:39

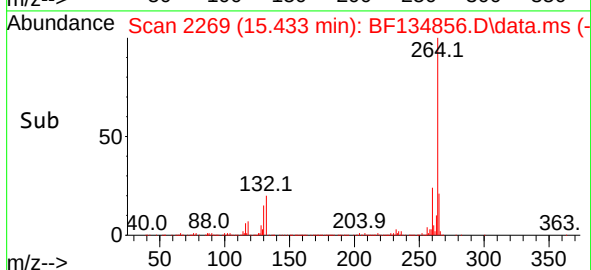
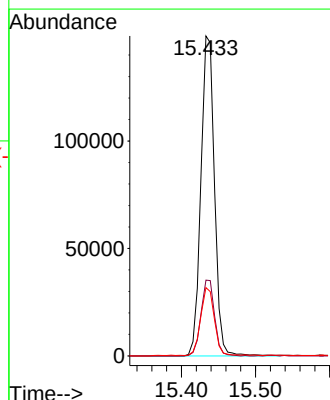
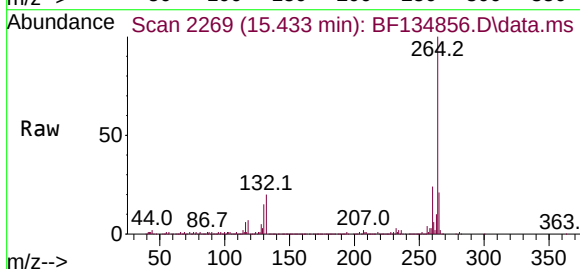
Tgt Ion:264 Resp: 189841

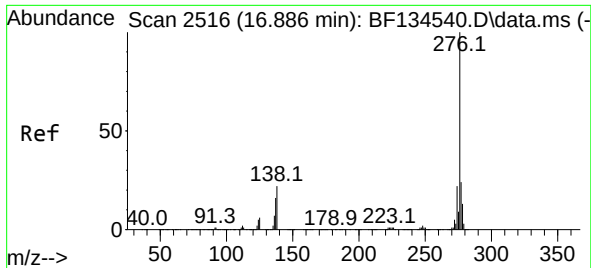
Ion Ratio Lower Upper

264 100

260 23.7 18.4 27.6

265 21.3 15.8 23.8

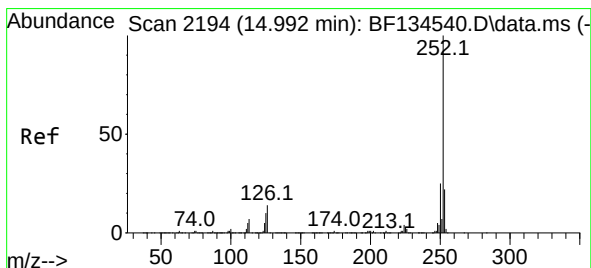
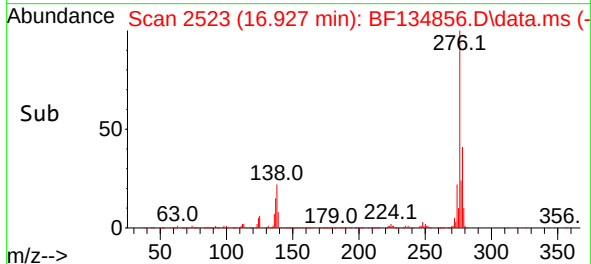
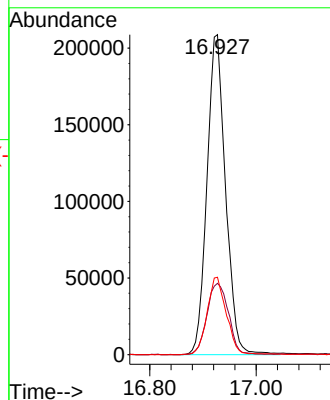
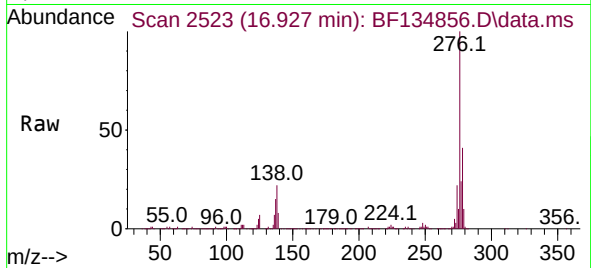




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.312 ng
RT: 16.927 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

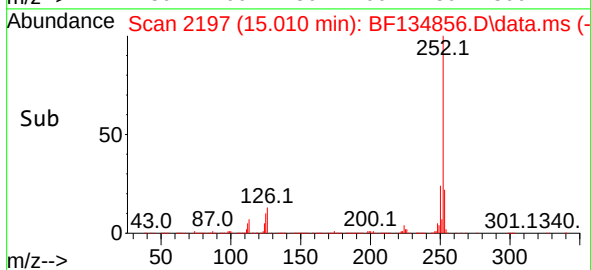
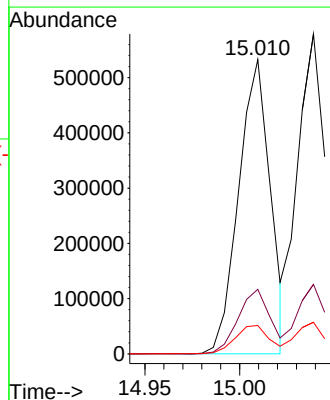
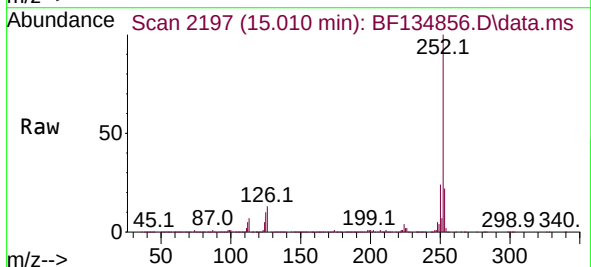
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

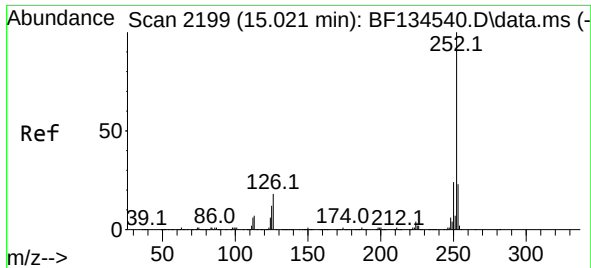
Tgt Ion:276 Resp: 505910
Ion Ratio Lower Upper
276 100
138 25.9 14.2 21.4#
277 25.0 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 53.359 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:252 Resp: 617807
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.7 6.0 9.0#

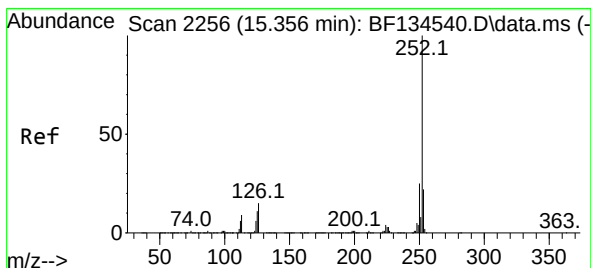
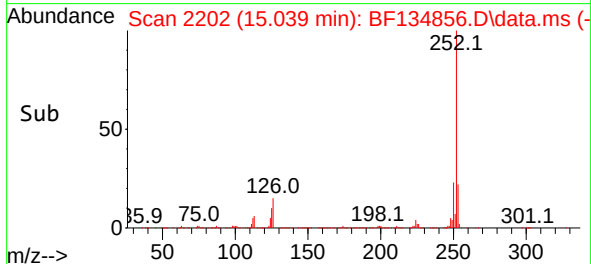
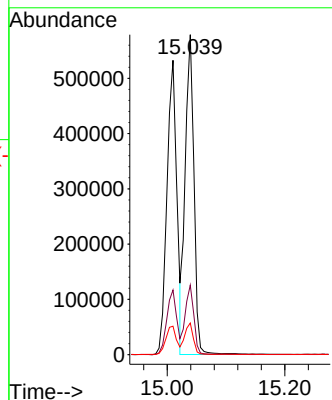
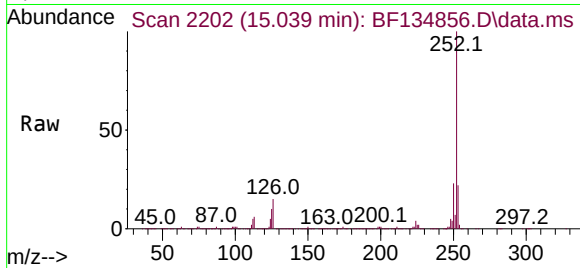




#89
Benzo(k)fluoranthene
Concen: 52.086 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

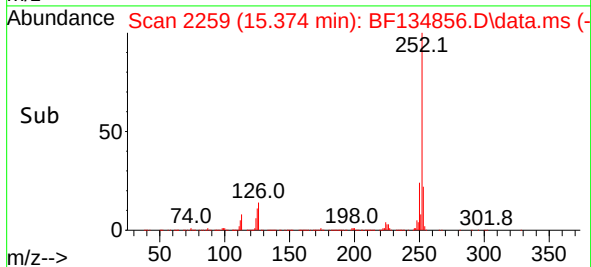
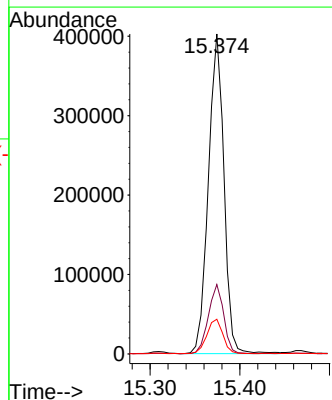
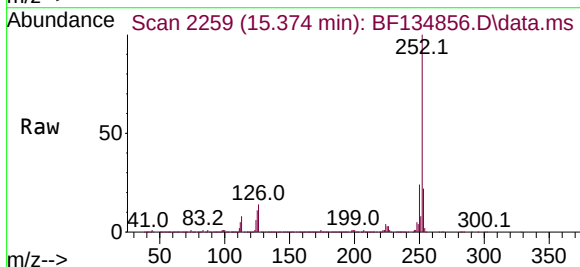
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

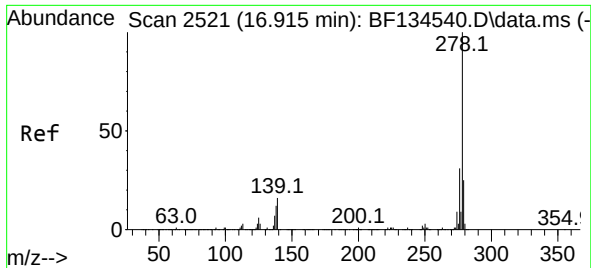
Tgt Ion:252 Resp: 600755
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 9.9 6.3 9.5#



#90
Benzo(a)pyrene
Concen: 44.949 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:252 Resp: 485243
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 10.8 6.2 9.4#

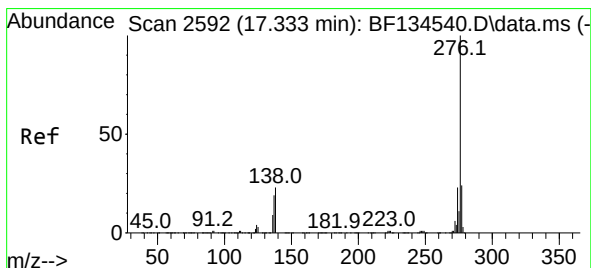
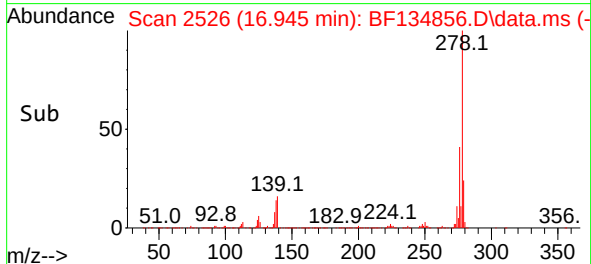
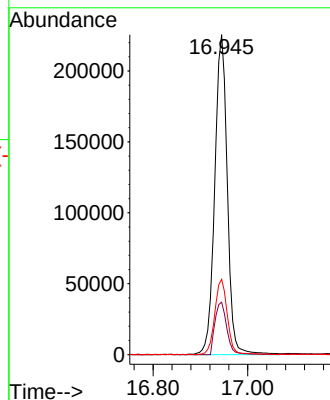
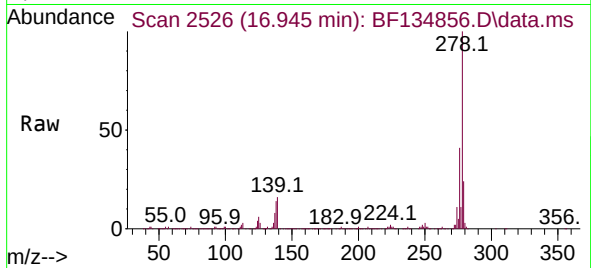




#91
Dibenzo(a,h)anthracene
Concen: 46.117 ng
RT: 16.945 min Scan# 2521
Delta R.T. -0.006 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 416122
Ion Ratio Lower Upper
278 100
139 16.4 10.0 15.0#
279 23.5 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 44.997 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF134856.D
Acq: 18 Aug 2023 23:39

Tgt Ion:276 Resp: 414159
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 22.3 12.2 18.2#

