

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128835.D
 Acq On : 16 Jun 2022 12:54
 Operator : CG\JU
 Sample : PB145561BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

Quant Time: Jun 17 02:17:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	99004	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	390537	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	214620	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	395870	20.000	ng	0.00
76) Chrysene-d12	13.974	240	302057	20.000	ng	# 0.01
86) Perylene-d12	15.433	264	236002	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	784920	126.282	ng	0.02
7) Phenol-d6	6.451	99	983132	129.578	ng	0.01
23) Nitrobenzene-d5	7.357	82	698650	83.291	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	311816	122.963	ng	0.01
45) 2-Fluorobiphenyl	9.151	172	1309386	85.462	ng	0.00
79) Terphenyl-d14	12.910	244	1568369	90.223	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	95987	41.598	ng	# 95
3) Pyridine	3.363	79	267780	43.685	ng	95
4) n-Nitrosodimethylamine	3.334	42	197684	46.505	ng	# 81
6) Aniline	6.451	93	308362	37.684	ng	# 60
8) 2-Chlorophenol	6.586	128	317098	49.858	ng	97
9) Benzaldehyde	6.339	77	180697	39.092	ng	96
10) Phenol	6.463	94	383652	47.836	ng	84
11) bis(2-Chloroethyl)ether	6.528	93	289799	49.311	ng	96
12) 1,3-Dichlorobenzene	6.728	146	354944	48.275	ng	97
13) 1,4-Dichlorobenzene	6.804	146	358317	48.253	ng	99
14) 1,2-Dichlorobenzene	6.957	146	337883	48.642	ng	98
15) Benzyl Alcohol	6.939	79	292094	46.012	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.063	45	429141	44.320	ng	# 1
17) 2-Methylphenol	7.063	107	255303	50.790	ng	# 84
18) Hexachloroethane	7.292	117	137124	49.634	ng	95
19) n-Nitroso-di-n-propyla...	7.210	70	236077	50.044	ng	98
20) 3+4-Methylphenols	7.216	107	330627	49.268	ng	# 81
22) Acetophenone	7.204	105	469340	45.949	ng	96
24) Nitrobenzene	7.375	77	358877	46.602	ng	96
25) Isophorone	7.616	82	622695	48.879	ng	# 97
26) 2-Nitrophenol	7.692	139	167523	49.374	ng	# 92
27) 2,4-Dimethylphenol	7.739	122	284286	55.004	ng	96
28) bis(2-Chloroethoxy)met...	7.822	93	362967	45.070	ng	98
29) 2,4-Dichlorophenol	7.945	162	270634	45.242	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	304828	45.257	ng	97
31) Naphthalene	8.098	128	930232	46.413	ng	99
32) Benzoic acid	7.898	122	89640	24.446	ng	91
33) 4-Chloroaniline	8.145	127	170494m	22.562	ng	
34) Hexachlorobutadiene	8.204	225	211547	44.286	ng	98
35) Caprolactam	8.539	113	76135m	46.026	ng	
36) 4-Chloro-3-methylphenol	8.657	107	293543	44.964	ng	98
37) 2-Methylnaphthalene	8.786	142	586037	45.970	ng	99
38) 1-Methylnaphthalene	8.886	142	561238	45.567	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	310864	46.638	ng	98
41) Hexachlorocyclopentadiene	8.933	237	268184	66.935	ng	99
43) 2,4,6-Trichlorophenol	9.080	196	183073	40.615	ng	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	186617	40.062	ng	# 92
46) 1,1'-Biphenyl	9.251	154	741733	46.061	ng	98
47) 2-Chloronaphthalene	9.280	162	567935	46.219	ng	99
48) 2-Nitroaniline	9.380	65	190569	45.353	ng	96
49) Acenaphthylene	9.698	152	903115	48.009	ng	100
50) Dimethylphthalate	9.557	163	679637	46.264	ng	100
51) 2,6-Dinitrotoluene	9.627	165	146592	50.559	ng	94
52) Acenaphthene	9.869	154	518550	42.329	ng	99
53) 3-Nitroaniline	9.792	138	94321	29.974	ng	94
54) 2,4-Dinitrophenol	9.916	184	116578	72.187	ng	# 91
55) Dibenzofuran	10.039	168	788181	44.768	ng	94
56) 4-Nitrophenol	9.998	139	150841	66.128	ng	# 80
57) 2,4-Dinitrotoluene	10.039	165	197429	51.023	ng	# 83
58) Fluorene	10.386	166	641084	46.953	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.169	232	148274	38.538	ng	98
60) Diethylphthalate	10.263	149	672934	45.577	ng	98
61) 4-Chlorophenyl-phenyle...	10.374	204	330890	46.724	ng	99
62) 4-Nitroaniline	10.416	138	153334	48.125	ng	87
63) Azobenzene	10.533	77	627833	43.194	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	100201	42.890	ng	97
66) n-Nitrosodiphenylamine	10.498	169	592086	48.661	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	213775	48.424	ng	96
68) Hexachlorobenzene	10.933	284	244985	49.968	ng	97
69) Atrazine	11.027	200	205693	52.568	ng	97
70) Pentachlorophenol	11.139	266	137132	56.033	ng	96
71) Phenanthrene	11.351	178	942170	47.450	ng	98
72) Anthracene	11.404	178	981163	49.924	ng	98
73) Carbazole	11.563	167	861086	47.173	ng	99
74) Di-n-butylphthalate	11.880	149	1053713	47.411	ng	100
75) Fluoranthene	12.539	202	1025023	49.386	ng	98
77) Benzidine	12.663	184	446292	74.118	ng	98
78) Pyrene	12.768	202	1037949	46.187	ng	97
80) Butylbenzylphthalate	13.386	149	433030	45.884	ng	94
81) Benzo(a)anthracene	13.962	228	913788	48.533	ng	98
82) 3,3'-Dichlorobenzidine	13.921	252	149587	37.136	ng	98
83) Chrysene	14.004	228	837236	46.642	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	592450	48.288	ng	99
85) Di-n-octyl phthalate	14.557	149	919951	49.784	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	645133	45.354	ng	# 91
88) Benzo(b)fluoranthene	15.009	252	804720	53.363	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	653911	46.096	ng	# 97
90) Benzo(a)pyrene	15.374	252	655735	55.325	ng	# 96
91) Dibenzo(a,h)anthracene	16.909	278	564318	47.828	ng	# 95
92) Benzo(g,h,i)perylene	17.339	276	542491	46.392	ng	# 91

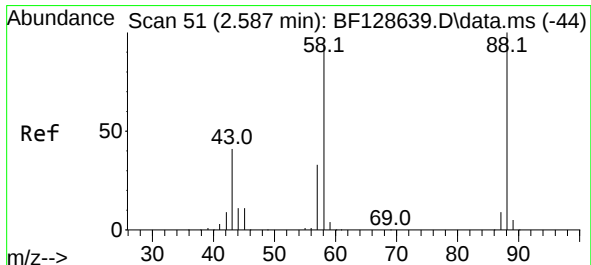
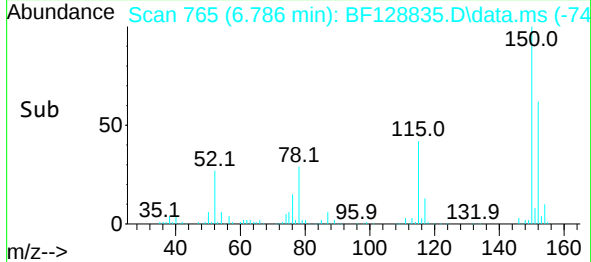
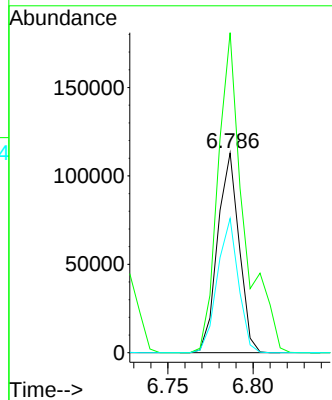
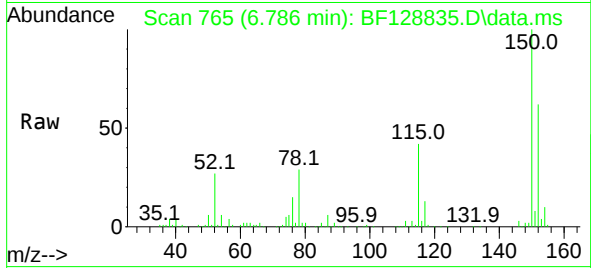
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 7
Delta R.T. 0.005 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

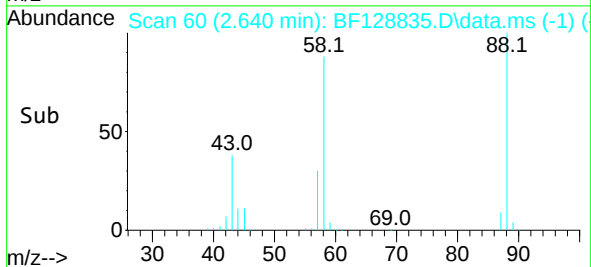
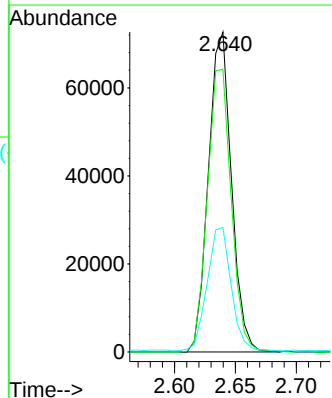
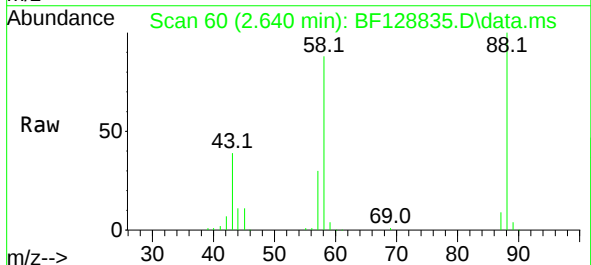
Instrument :
BNA_F
ClientSampleId :
PB145561BS

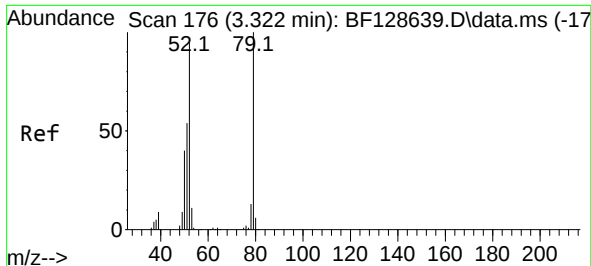
Tgt Ion:152 Resp: 99004
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 67.2 49.9 74.9



#2
1,4-Dioxane
Concen: 41.598 ng
RT: 2.640 min Scan# 60
Delta R.T. 0.141 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 88 Resp: 95987
Ion Ratio Lower Upper
88 100
58 91.7 71.8 107.8
43 40.3 26.6 39.8





#3

Pyridine

Concen: 43.685 ng

RT: 3.363 min Scan# 11

Delta R.T. 0.135 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

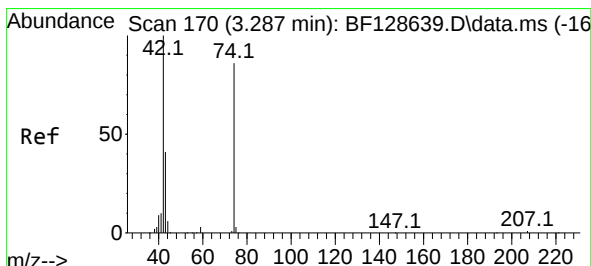
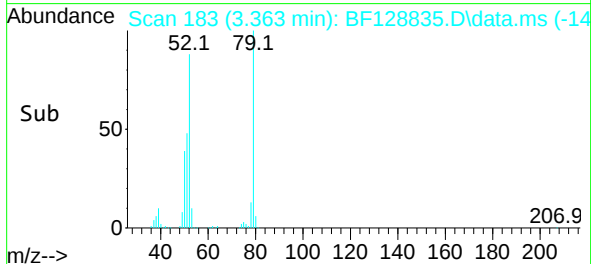
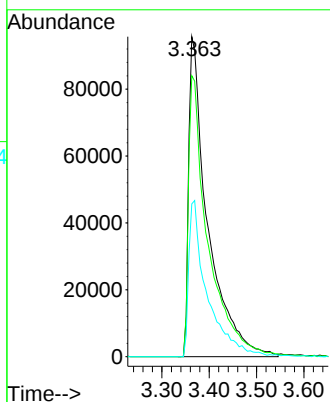
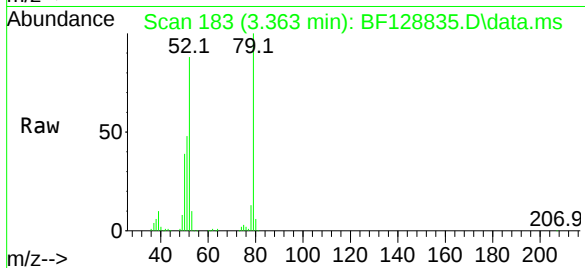
Tgt Ion: 79 Resp: 267780

Ion Ratio Lower Upper

79 100

52 87.8 68.6 102.8

51 47.8 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 46.505 ng

RT: 3.334 min Scan# 178

Delta R.T. 0.141 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

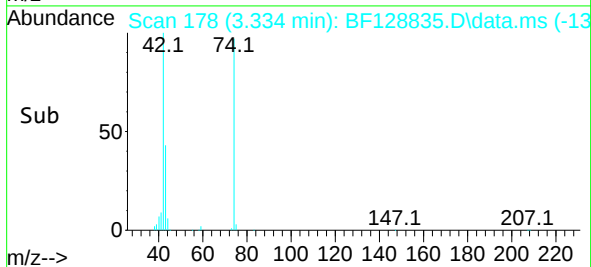
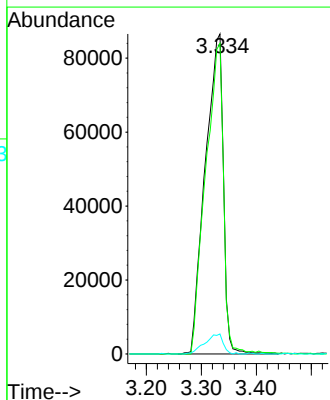
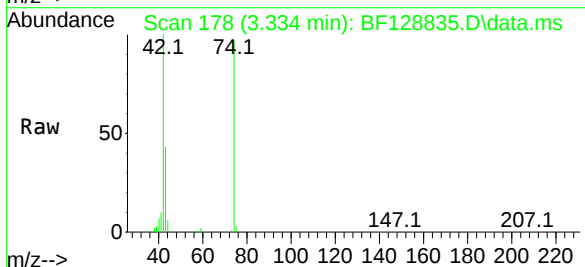
Tgt Ion: 42 Resp: 197684

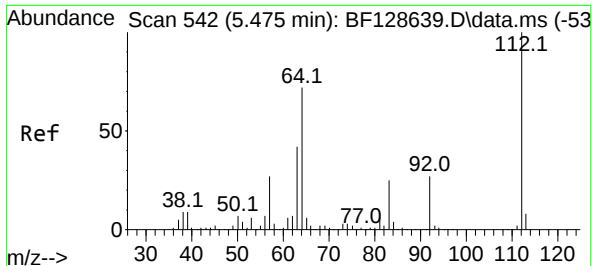
Ion Ratio Lower Upper

42 100

74 97.0 94.8 142.2

44 6.2 6.6 10.0#

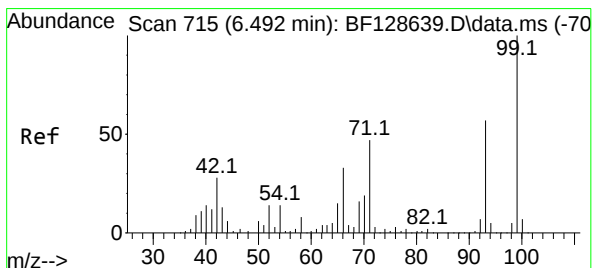
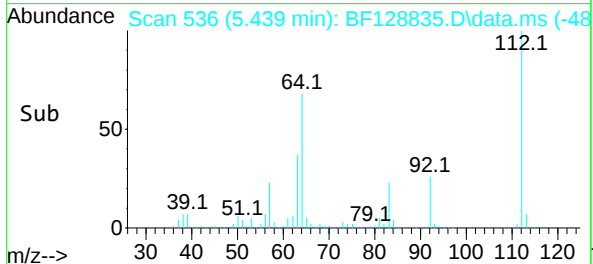
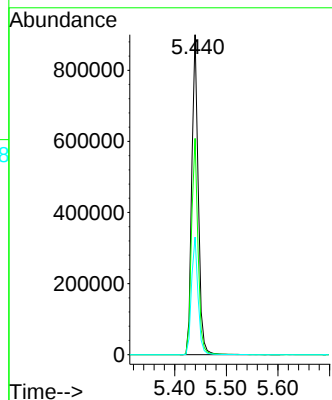
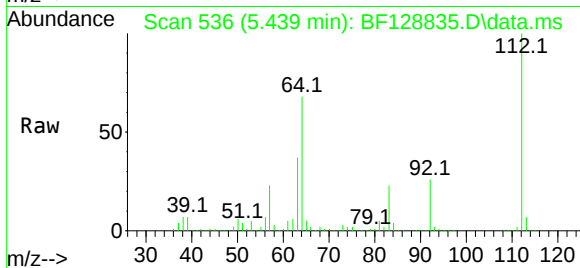




#5
2-Fluorophenol
Concen: 126.282 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

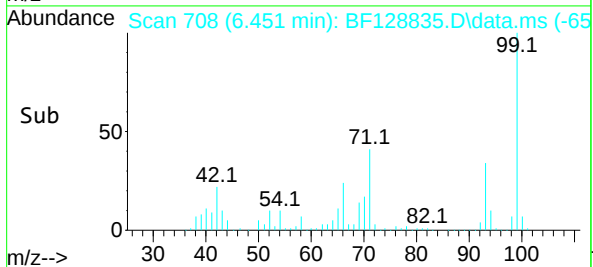
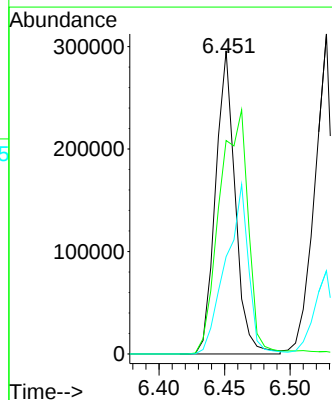
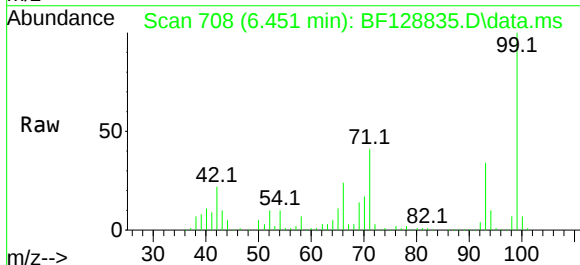
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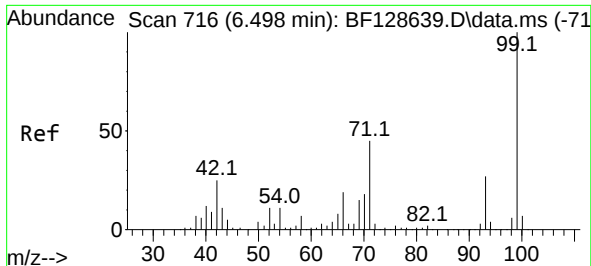
Tgt Ion:112 Resp: 784920
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 36.7 28.0 42.0



#6
Aniline
Concen: 37.684 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 93 Resp: 308362
Ion Ratio Lower Upper
93 100
66 70.4 32.5 48.7#
65 32.1 16.4 24.6#

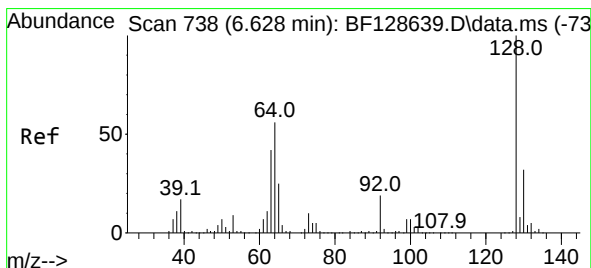
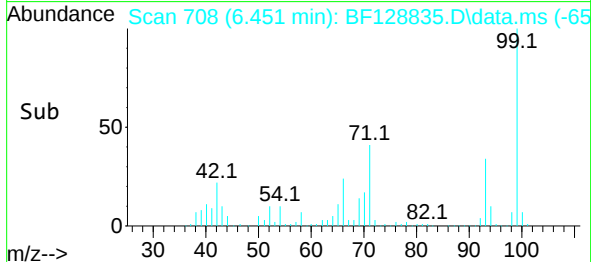
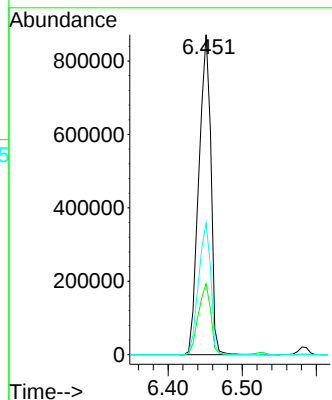
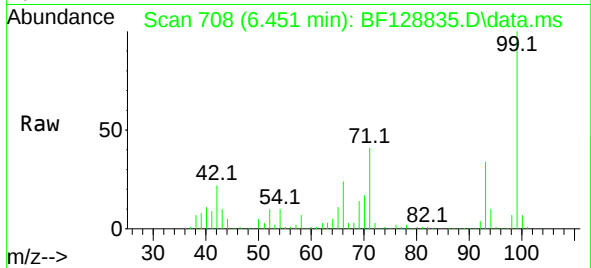




#7
Phenol-d6
Concen: 129.578 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

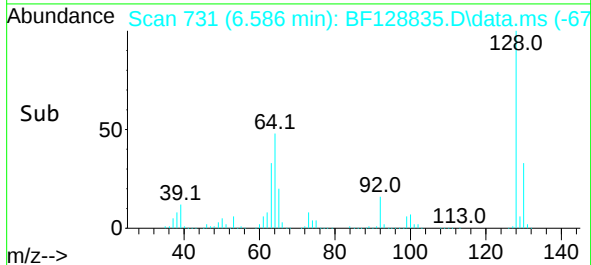
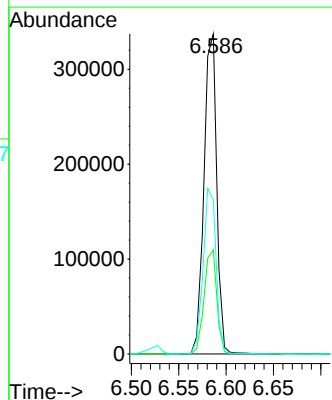
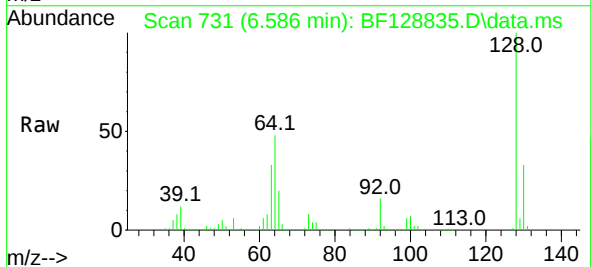
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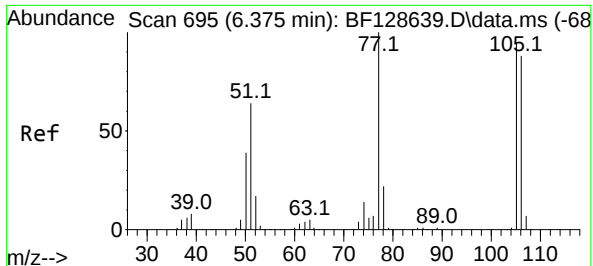
Tgt Ion: 99 Resp: 983132
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 41.1 28.9 43.3



#8
2-Chlorophenol
Concen: 49.858 ng
RT: 6.586 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 128 Resp: 317098
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.2 30.9 70.9

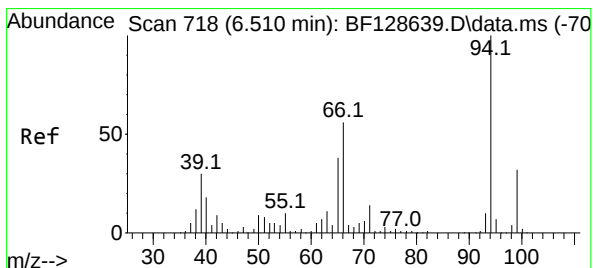
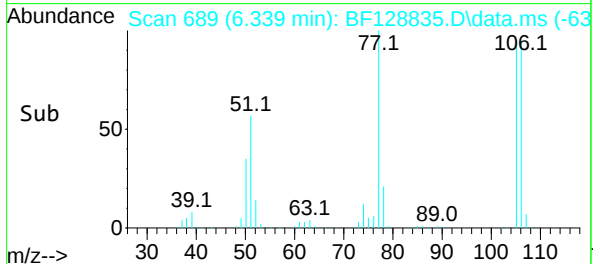
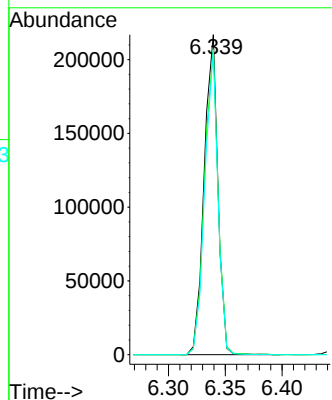
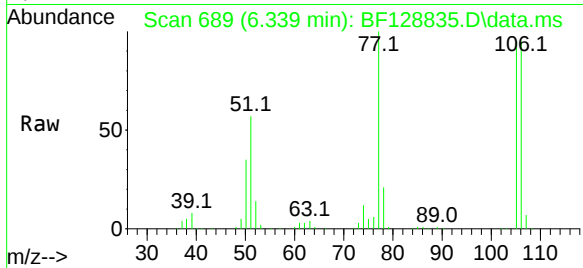




#9
Benzaldehyde
Concen: 39.092 ng
RT: 6.339 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

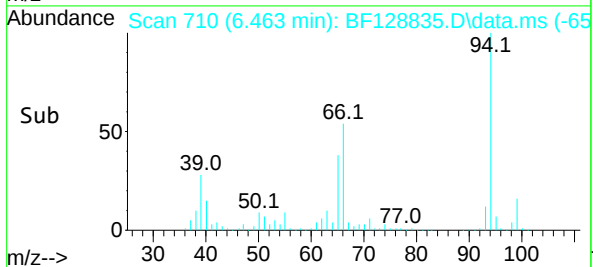
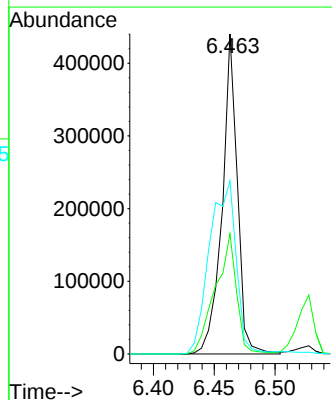
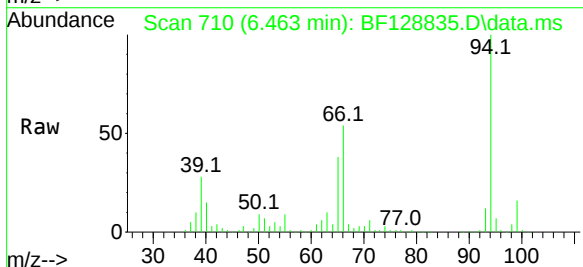
Instrument :
BNA_F
ClientSampleId :
PB145561BS

Tgt Ion: 77 Resp: 180697
Ion Ratio Lower Upper
77 100
105 95.5 81.6 121.6
106 95.1 76.1 116.1



#10
Phenol
Concen: 47.836 ng
RT: 6.463 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 94 Resp: 383652
Ion Ratio Lower Upper
94 100
65 37.6 11.4 51.4
66 54.1 21.4 61.4

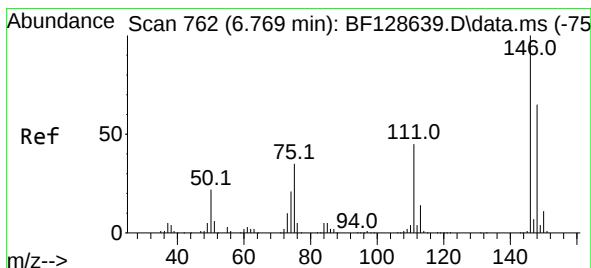
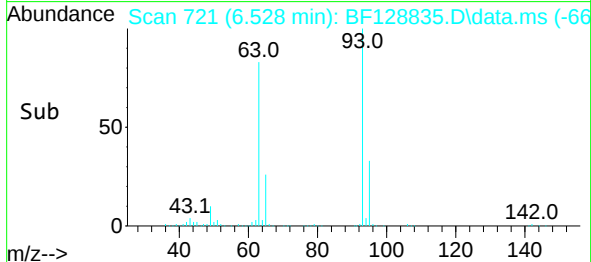
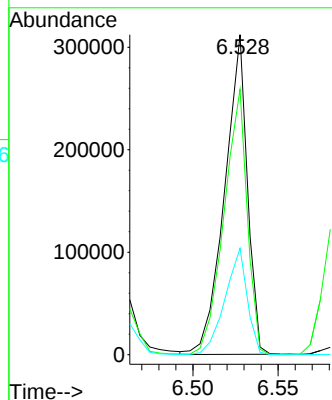
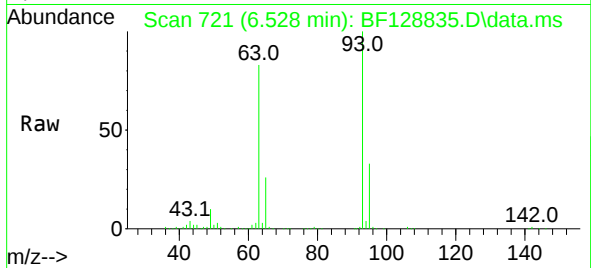




#11
bis(2-Chloroethyl)ether
Concen: 49.311 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

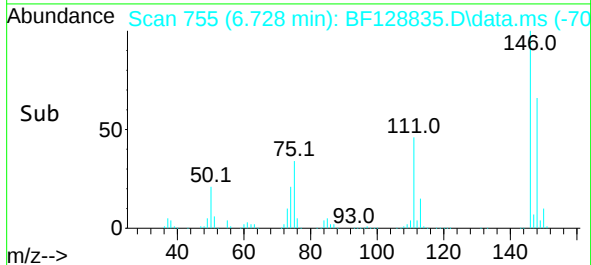
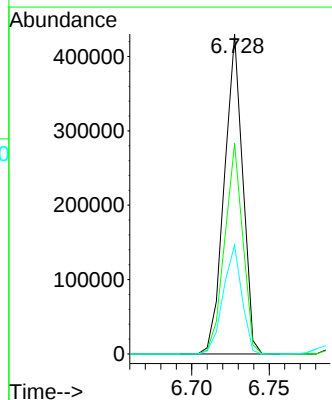
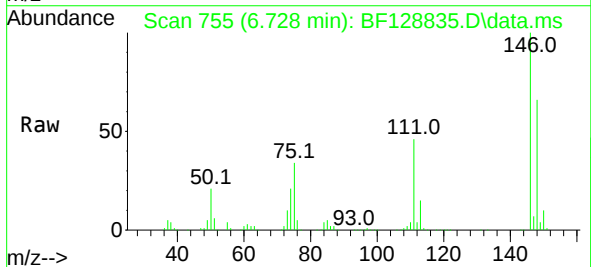
Instrument :
BNA_F
ClientSampleId :
PB145561BS

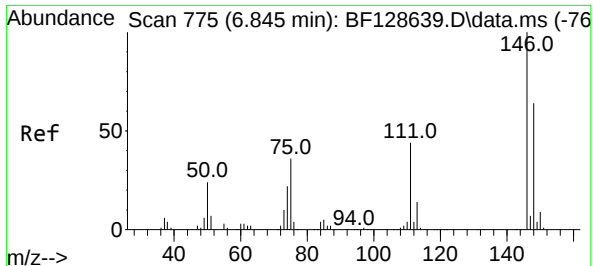
Tgt Ion: 93 Resp: 289799
Ion Ratio Lower Upper
93 100
63 83.0 67.4 107.4
95 33.3 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.275 ng
RT: 6.728 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 146 Resp: 354944
Ion Ratio Lower Upper
146 100
148 65.9 50.6 75.8
75 34.0 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 48.253 ng

RT: 6.804 min Scan# 7

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

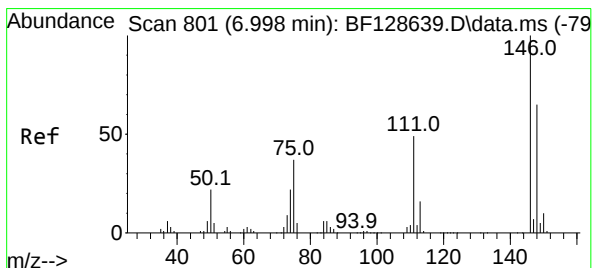
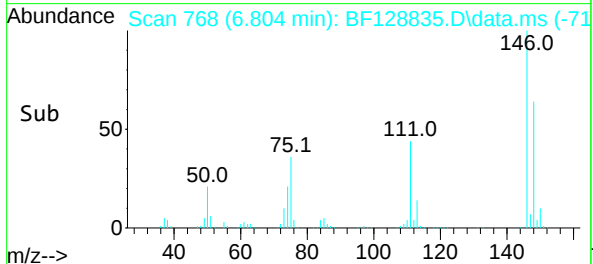
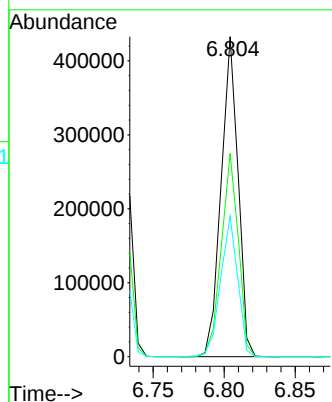
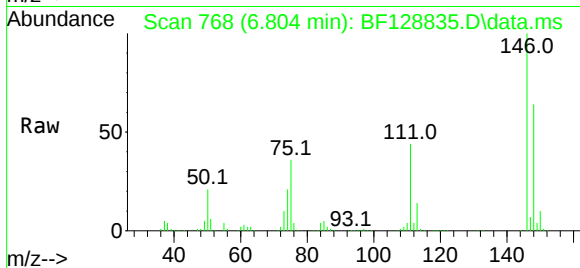
Tgt Ion:146 Resp: 358317

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

111 43.9 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 48.642 ng

RT: 6.957 min Scan# 794

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

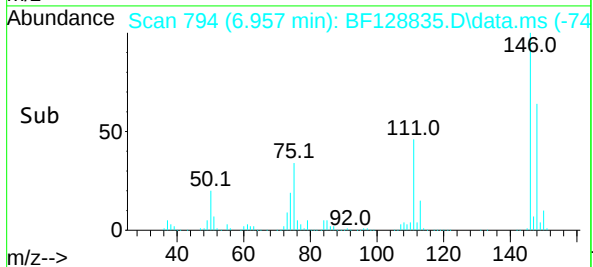
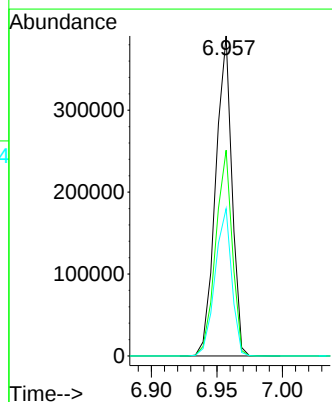
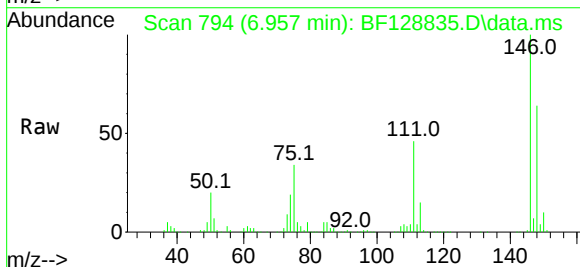
Tgt Ion:146 Resp: 337883

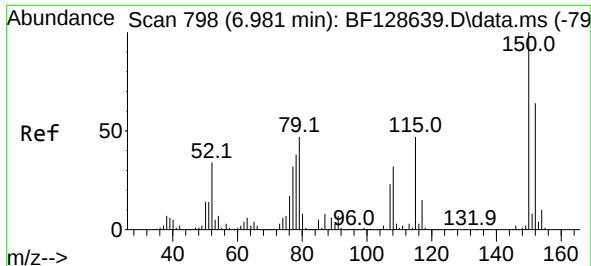
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.8

111 46.1 35.1 52.7





#15

Benzyl Alcohol

Concen: 46.012 ng

RT: 6.939 min Scan# 79

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

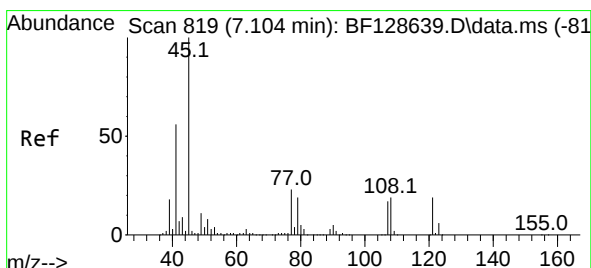
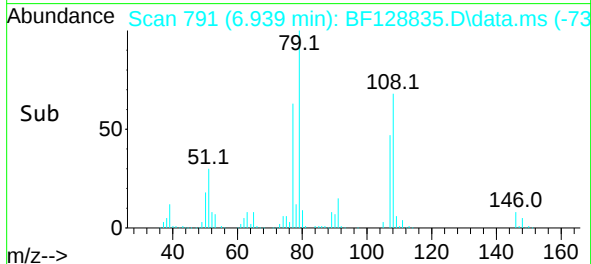
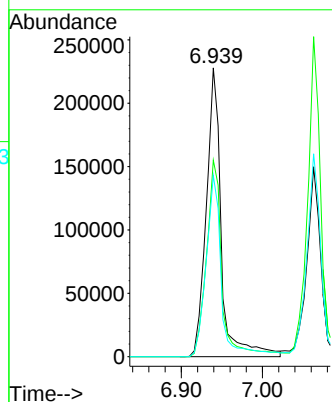
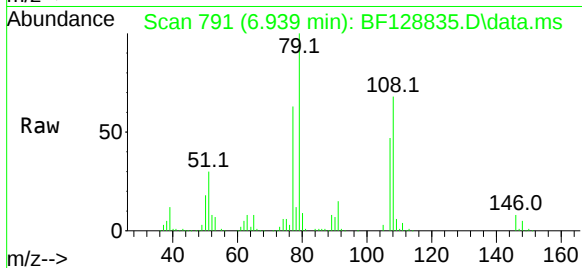
Tgt Ion: 79 Resp: 292094

Ion Ratio Lower Upper

79 100

108 68.0 61.8 92.6

77 62.7 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.320 ng

RT: 7.063 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

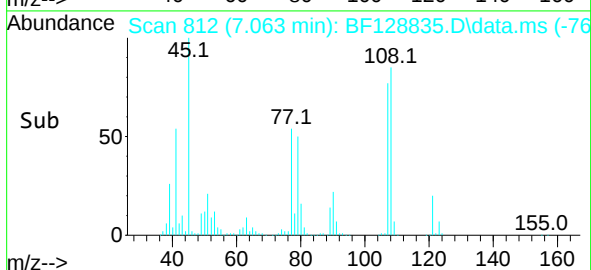
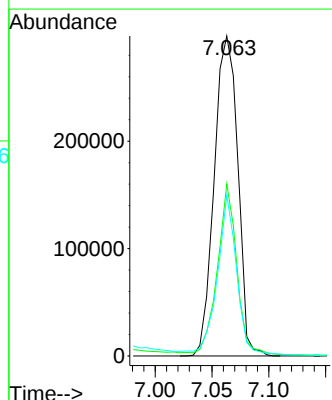
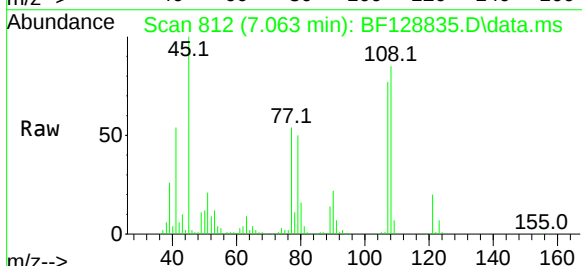
Tgt Ion: 45 Resp: 429141

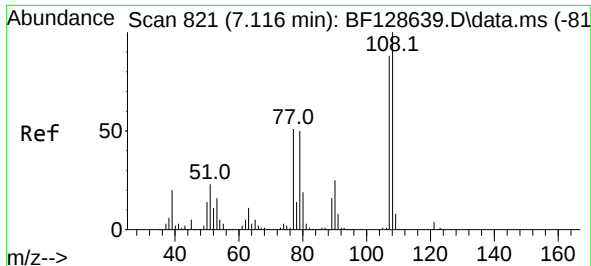
Ion Ratio Lower Upper

45 100

77 53.7 0.0 31.3#

79 50.3 0.0 28.3#





#17

2-Methylphenol

Concen: 50.790 ng

RT: 7.063 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

Tgt Ion:107 Resp: 255303

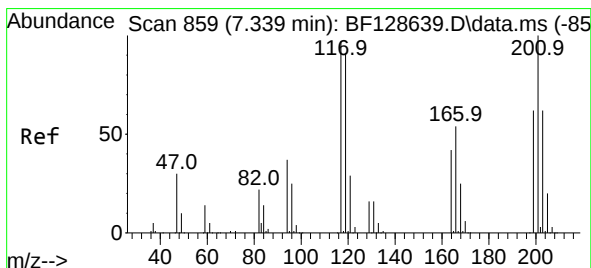
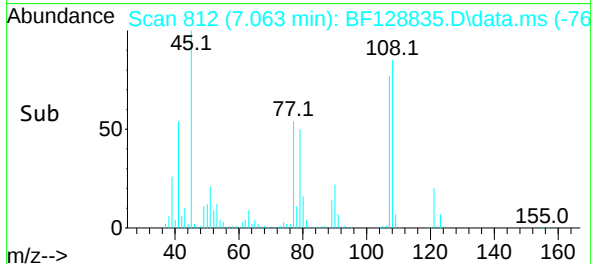
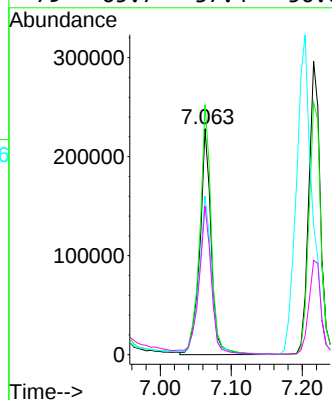
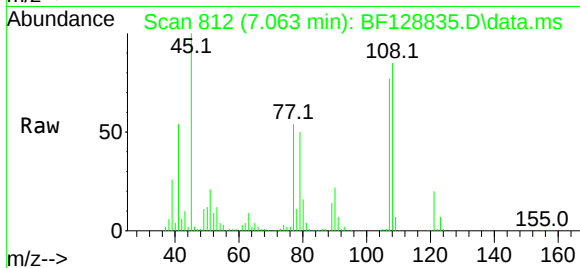
Ion Ratio Lower Upper

107 100

108 110.6 91.9 137.9

77 70.1 37.8 56.8#

79 65.7 37.4 56.0#



#18

Hexachloroethane

Concen: 49.634 ng

RT: 7.292 min Scan# 851

Delta R.T. -0.000 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

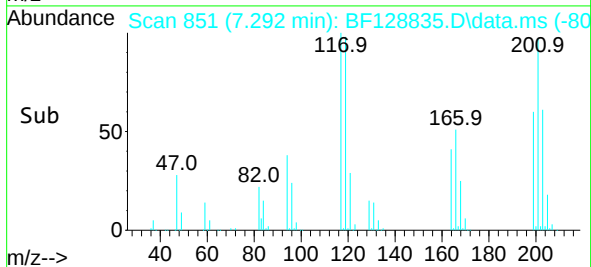
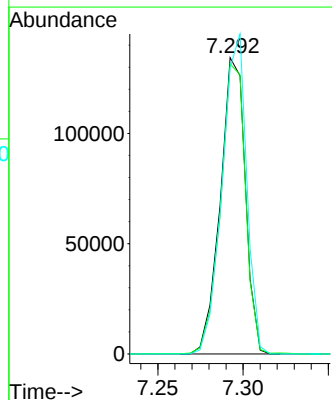
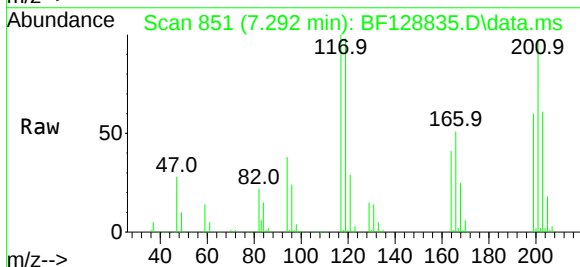
Tgt Ion:117 Resp: 137124

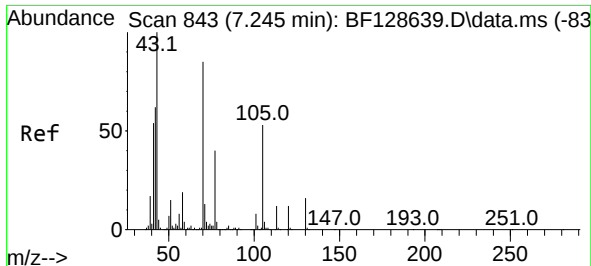
Ion Ratio Lower Upper

117 100

119 97.9 77.4 116.2

201 96.5 84.6 127.0

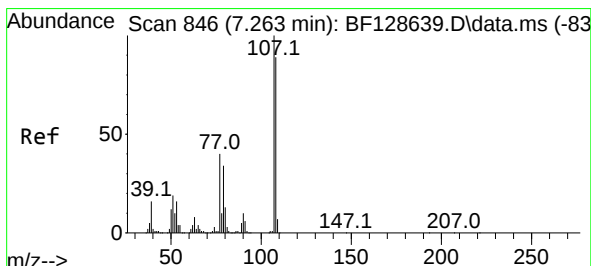
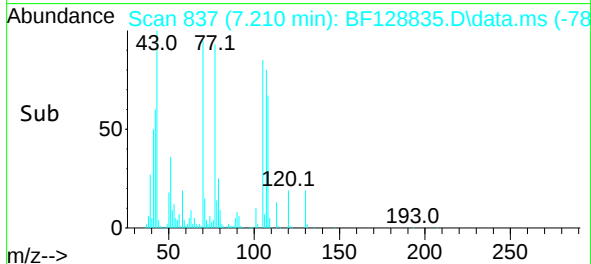
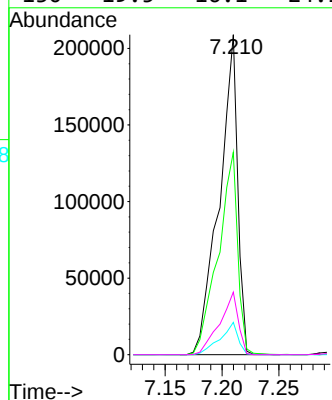
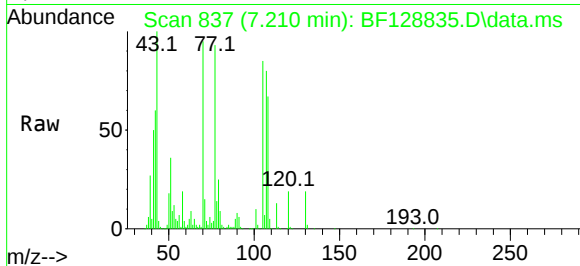




#19
n-Nitroso-di-n-propylamine
Concen: 50.044 ng
RT: 7.210 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

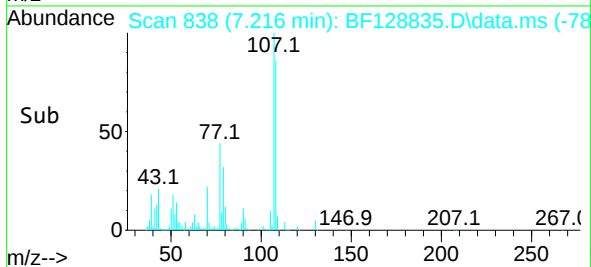
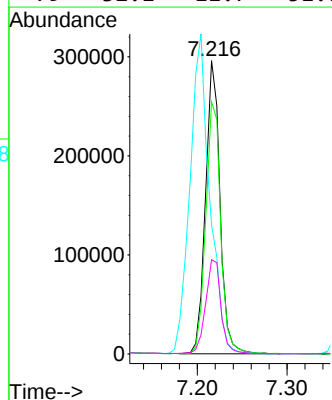
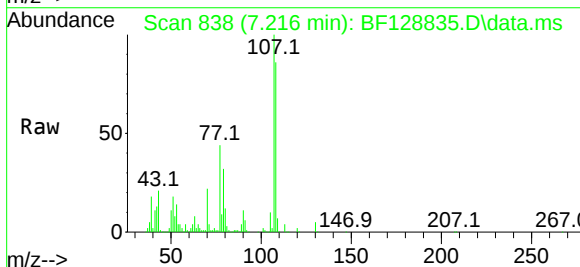
Instrument :
BNA_F
ClientSampleId :
PB145561BS

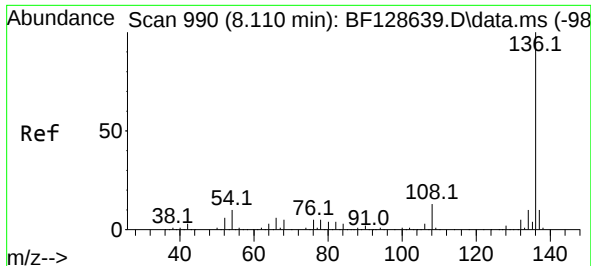
Tgt Ion: 70 Resp: 236077
Ion Ratio Lower Upper
70 100
42 63.3 52.3 78.5
101 10.1 7.5 11.3
130 19.5 16.1 24.1



#20
3+4-Methylphenols
Concen: 49.268 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 107 Resp: 330627
Ion Ratio Lower Upper
107 100
108 86.0 71.8 111.8
77 44.0 59.3 99.3#
79 32.1 11.7 51.7

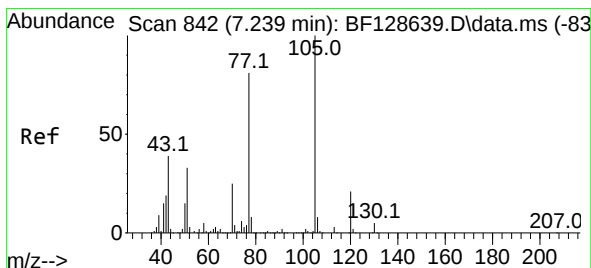
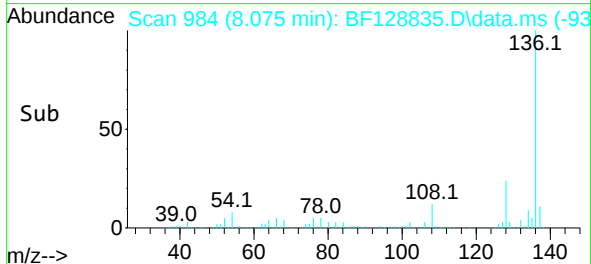
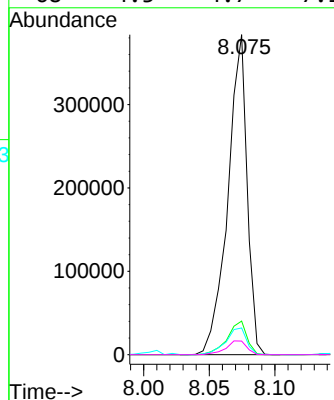
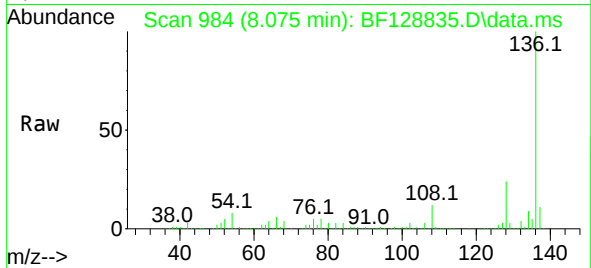




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

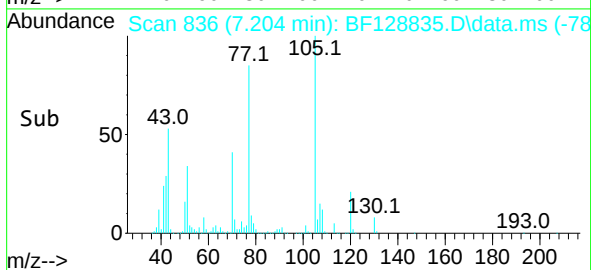
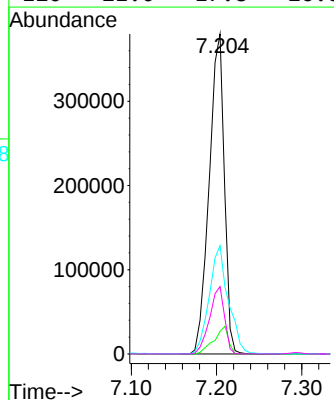
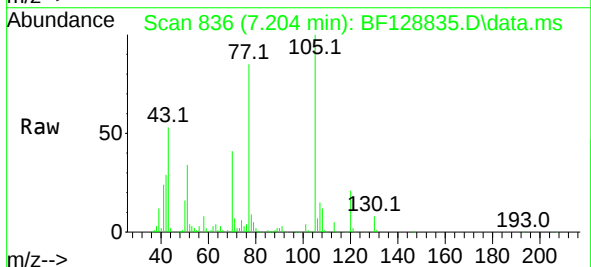
Instrument :
BNA_F
ClientSampleId :
PB145561BS

Tgt Ion:136 Resp: 390537
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.4 7.5 11.3
68 4.3 4.7 7.1#



#22
Acetophenone
Concen: 45.949 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:105 Resp: 469340
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 33.9 25.0 37.4
120 21.0 17.8 26.8

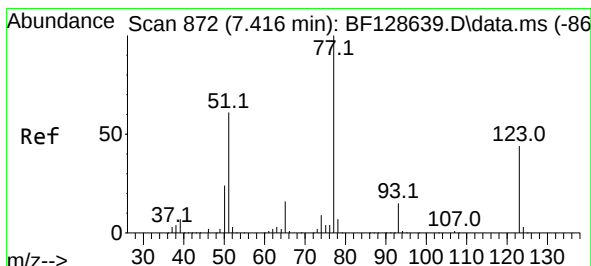
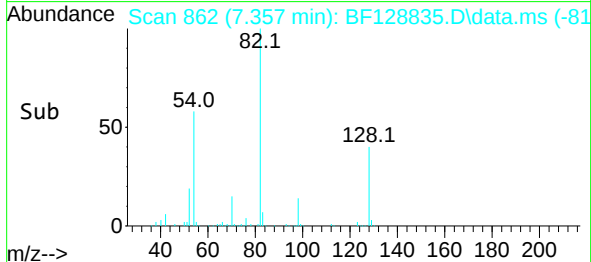
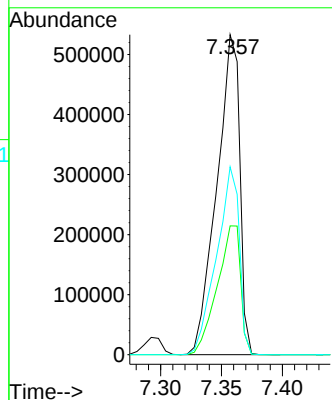
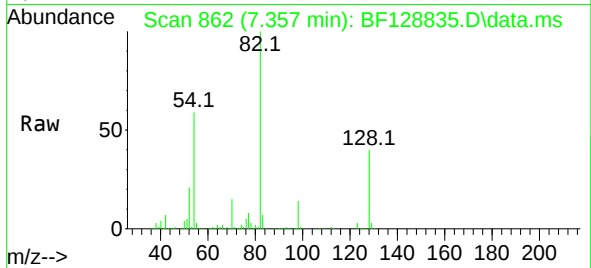




#23
Nitrobenzene-d5
Concen: 83.291 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

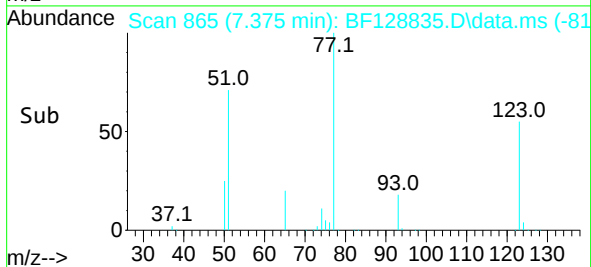
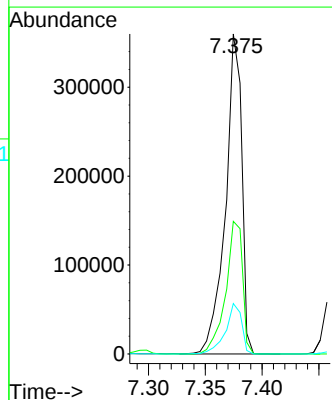
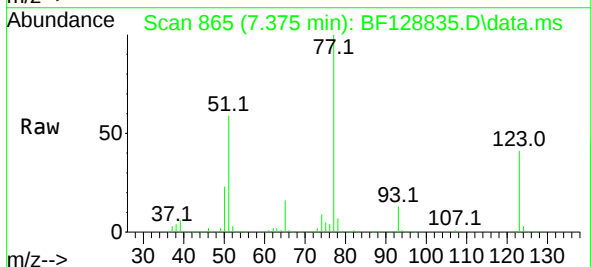
Instrument :
BNA_F
ClientSampleId :
PB145561BS

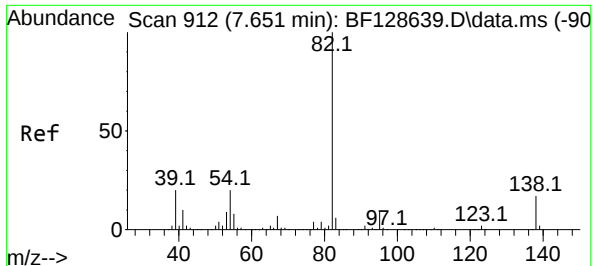
Tgt Ion: 82 Resp: 698650
Ion Ratio Lower Upper
82 100
128 40.3 34.0 51.0
54 58.7 46.9 70.3



#24
Nitrobenzene
Concen: 46.602 ng
RT: 7.375 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 77 Resp: 358877
Ion Ratio Lower Upper
77 100
123 41.5 35.4 53.2
65 15.8 11.8 17.8

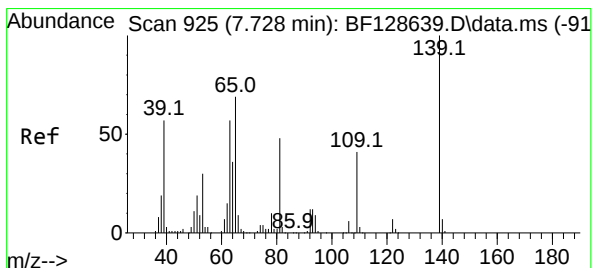
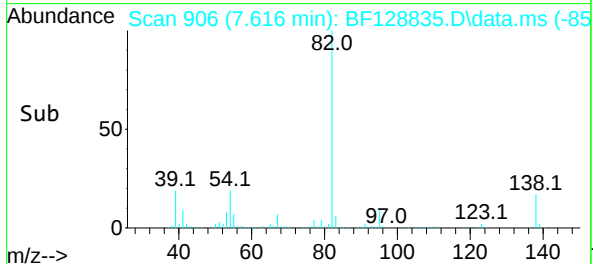
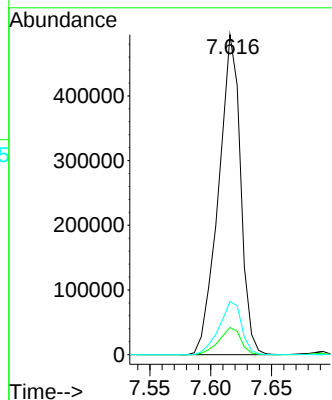
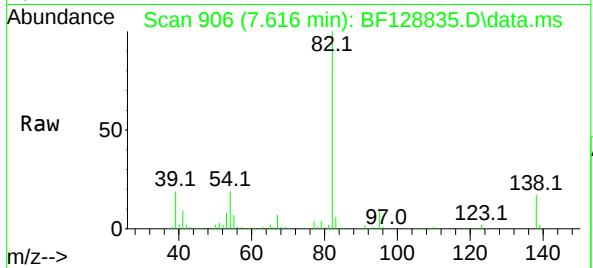




#25
Isophorone
Concen: 48.879 ng
RT: 7.616 min Scan# 906
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

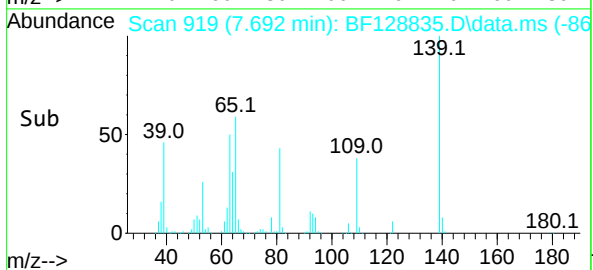
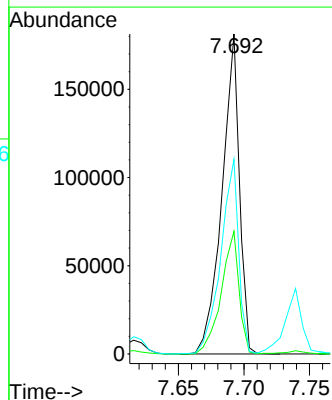
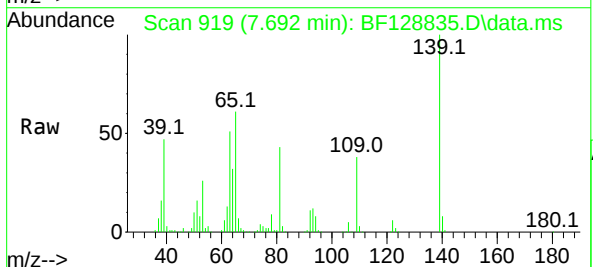
Instrument :
BNA_F
ClientSampleId :
PB145561BS

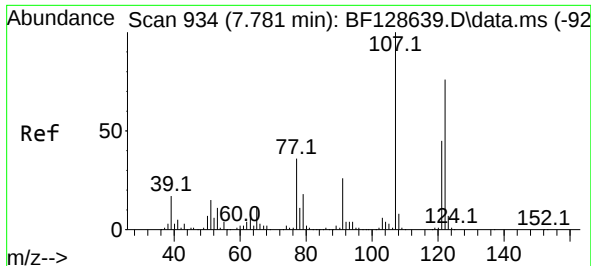
Tgt Ion: 82 Resp: 622695
Ion Ratio Lower Upper
82 100
95 8.5 5.7 8.5#
138 16.6 14.2 21.2



#26
2-Nitrophenol
Concen: 49.374 ng
RT: 7.692 min Scan# 919
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 139 Resp: 167523
Ion Ratio Lower Upper
139 100
109 38.3 25.0 37.4#
65 60.8 45.1 67.7

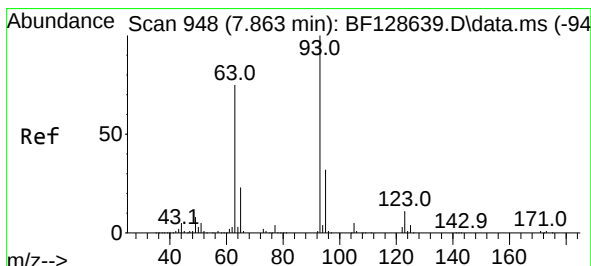
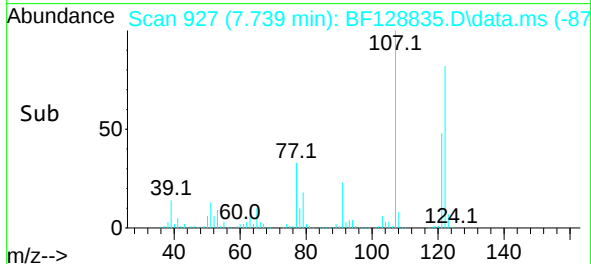
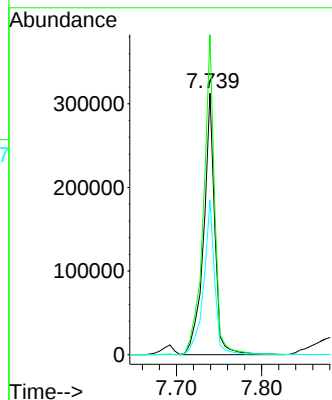
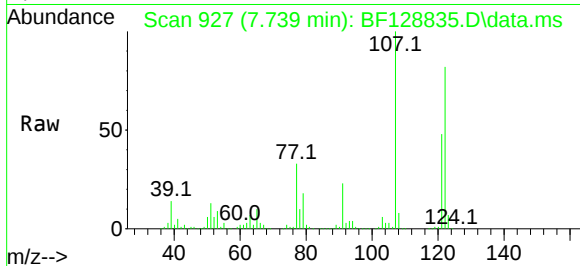




#27
2,4-Dimethylphenol
Concen: 55.004 ng
RT: 7.739 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

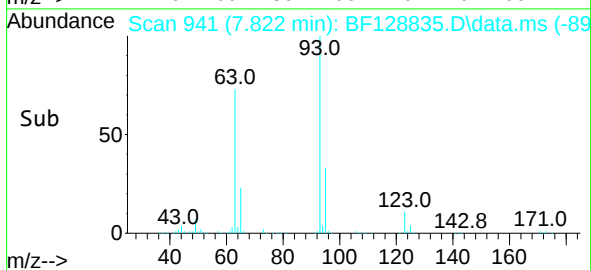
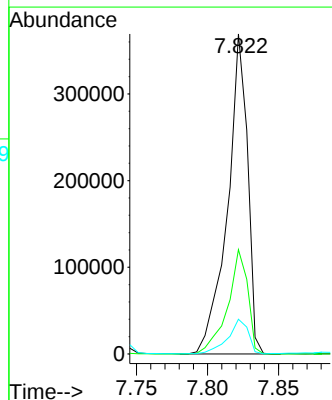
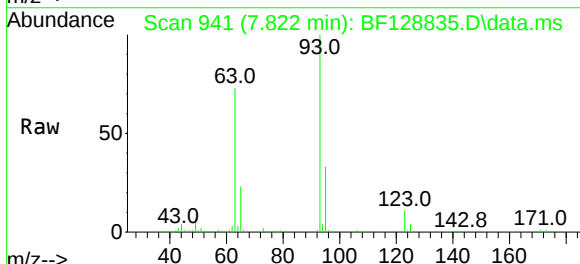
Instrument :
BNA_F
ClientSampleId :
PB145561BS

Tgt Ion:122 Resp: 284286
Ion Ratio Lower Upper
122 100
107 122.4 93.0 139.6
121 59.1 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.070 ng
RT: 7.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 93 Resp: 362967
Ion Ratio Lower Upper
93 100
95 32.6 26.8 40.2
123 10.8 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 45.242 ng

RT: 7.945 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

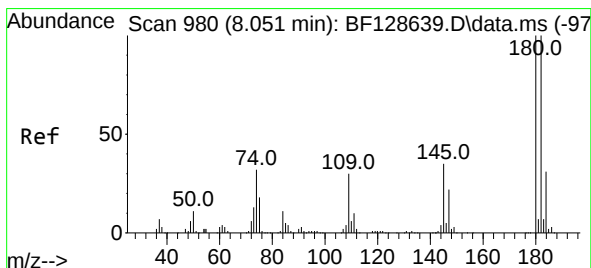
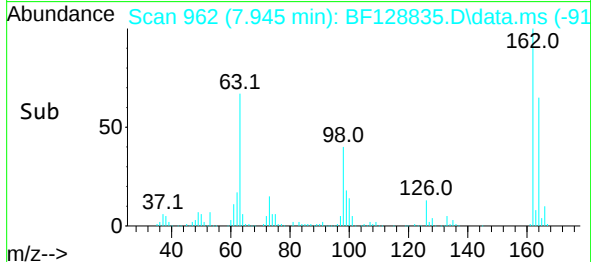
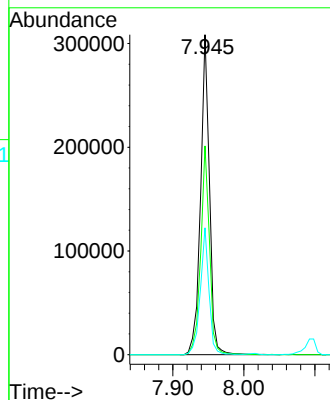
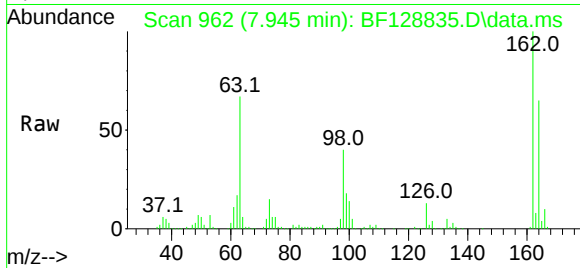
Tgt Ion:162 Resp: 270634

Ion Ratio Lower Upper

162 100

164 65.3 44.2 84.2

98 39.6 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 45.257 ng

RT: 8.016 min Scan# 974

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

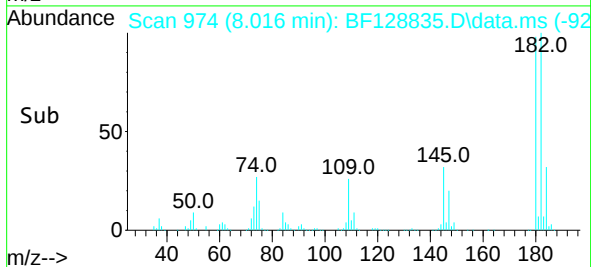
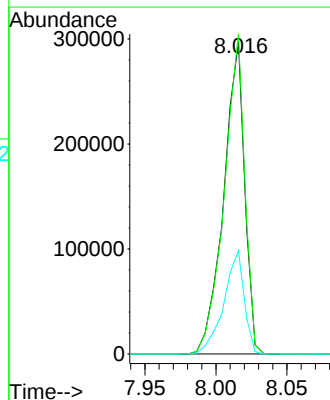
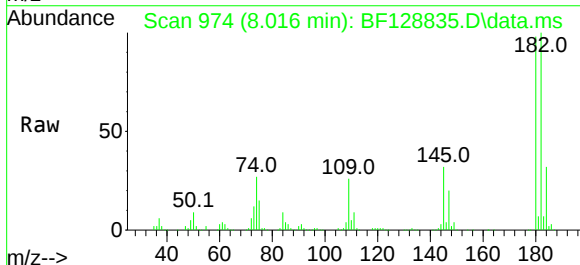
Tgt Ion:180 Resp: 304828

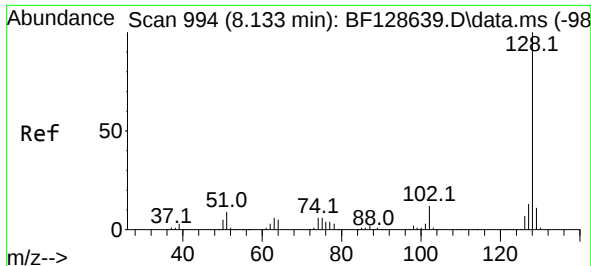
Ion Ratio Lower Upper

180 100

182 102.5 79.2 118.8

145 33.1 26.2 39.2

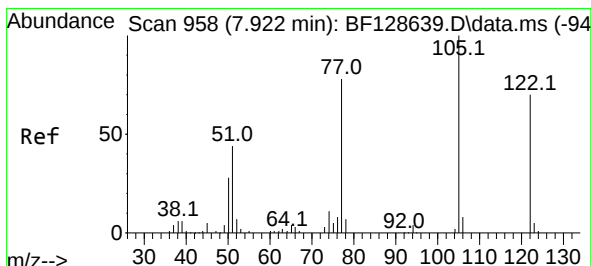
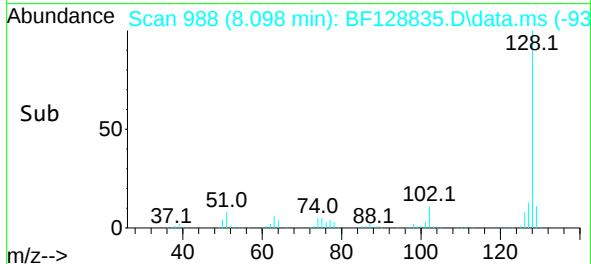
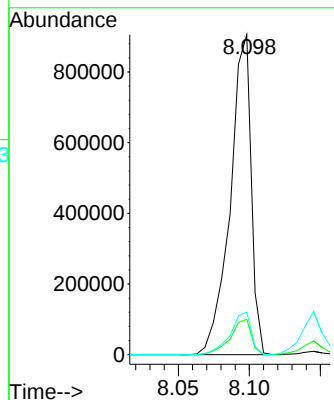
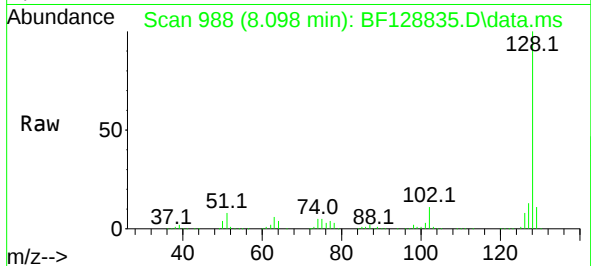




#31
Naphthalene
Concen: 46.413 ng
RT: 8.098 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

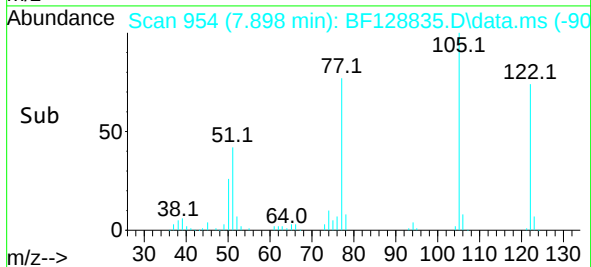
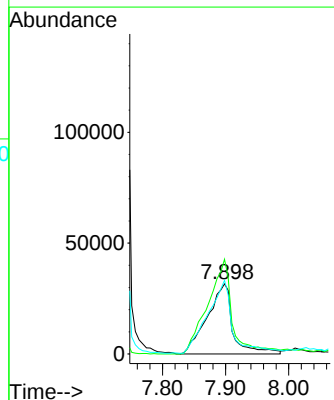
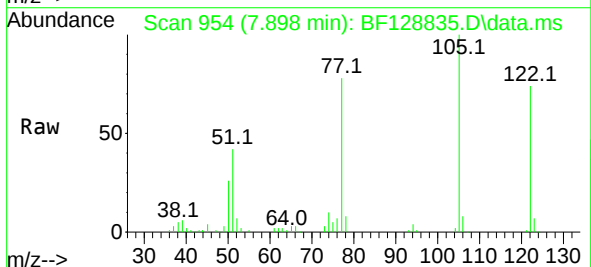
Instrument :
BNA_F
ClientSampleId :
PB145561BS

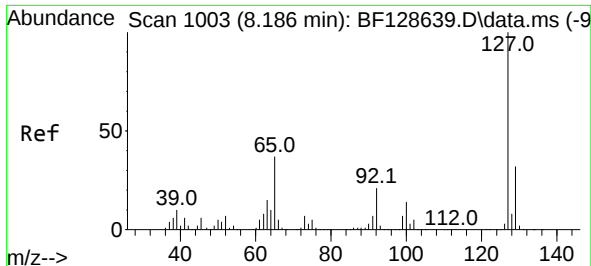
Tgt Ion:128 Resp: 930232
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 24.446 ng
RT: 7.898 min Scan# 954
Delta R.T. 0.018 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:122 Resp: 89640
Ion Ratio Lower Upper
122 100
105 135.3 107.1 147.1
77 105.2 74.2 114.2





#33

4-Chloroaniline

Concen: 22.562 ng m

RT: 8.145 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

Tgt Ion:127 Resp: 170494

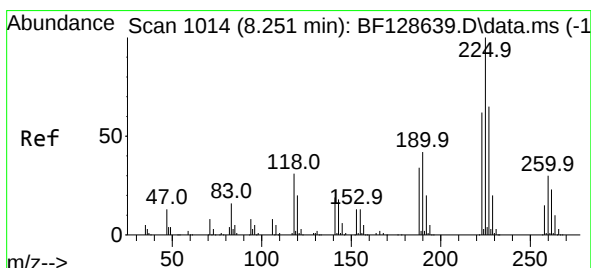
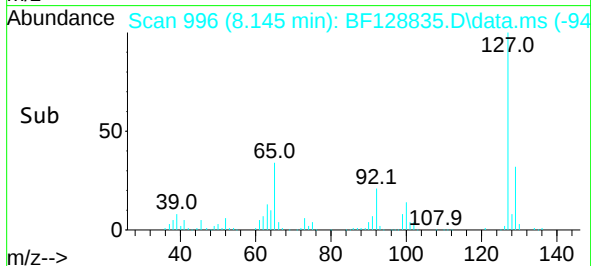
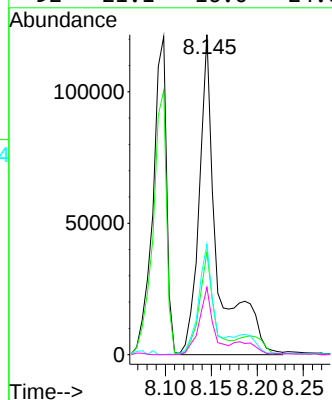
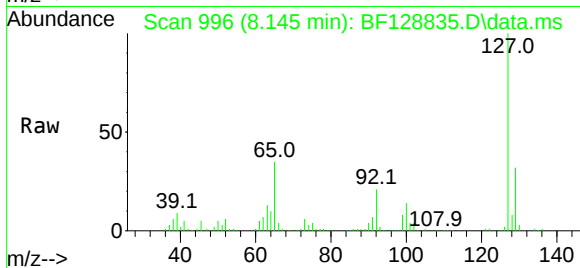
Ion Ratio Lower Upper

127 100

129 32.0 26.4 39.6

65 34.6 26.4 39.6

92 21.1 16.0 24.0



#34

Hexachlorobutadiene

Concen: 44.286 ng

RT: 8.204 min Scan# 1006

Delta R.T. -0.000 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

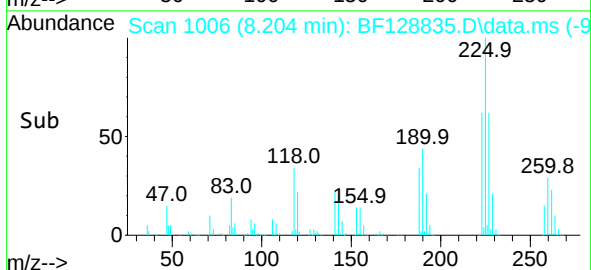
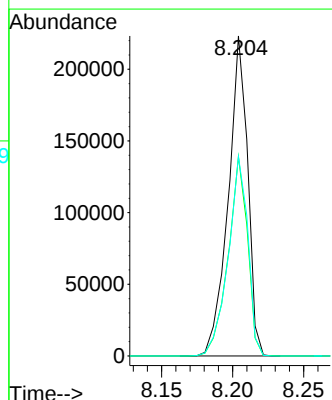
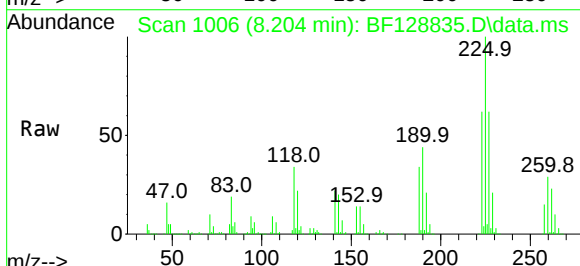
Tgt Ion:225 Resp: 211547

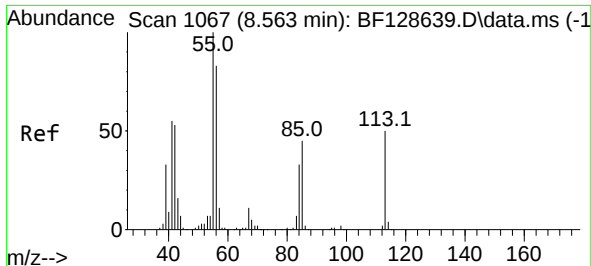
Ion Ratio Lower Upper

225 100

223 62.3 51.0 76.6

227 62.4 51.1 76.7

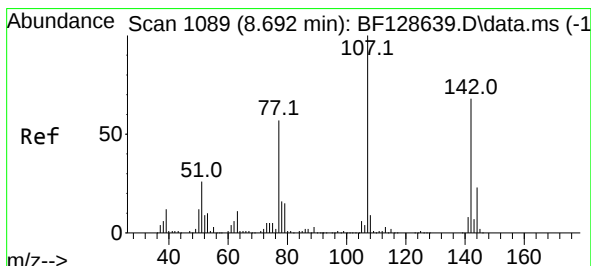
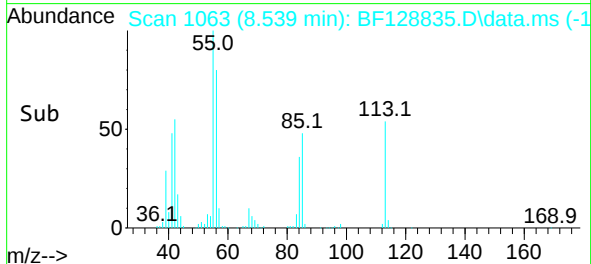
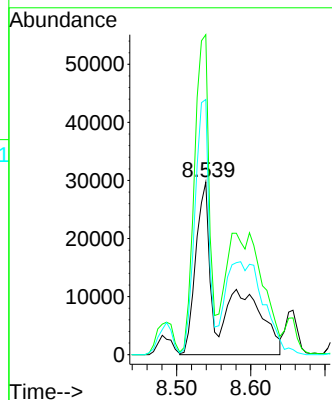
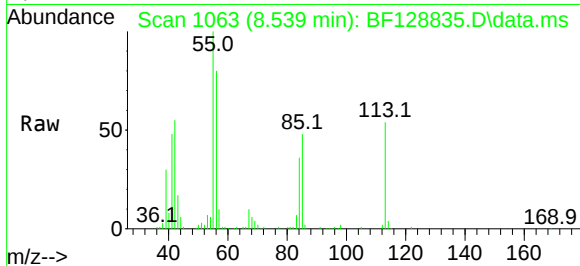




#35
Caprolactam
Concen: 46.026 ng m
RT: 8.539 min Scan# 1063
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

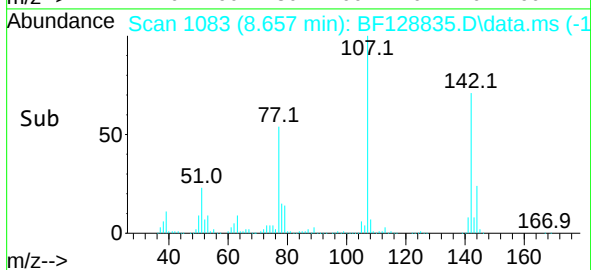
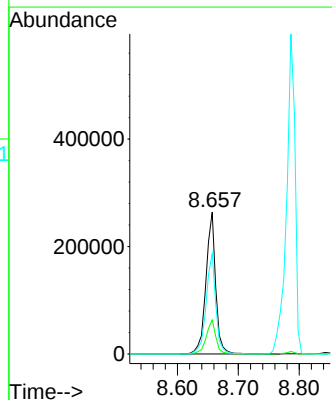
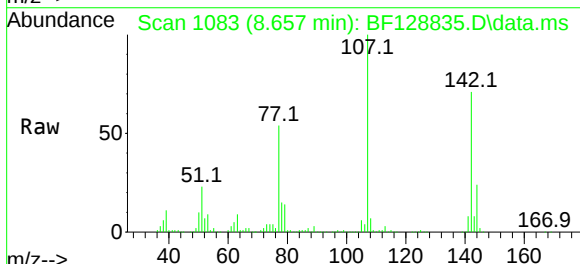
Instrument :
BNA_F
ClientSampleId :
PB145561BS

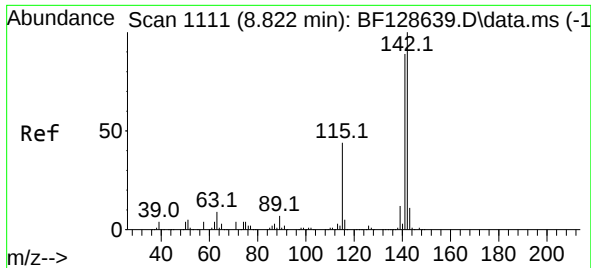
Tgt Ion:113 Resp: 76135
Ion Ratio Lower Upper
113 100
55 185.5 188.5 228.5#
56 147.9 130.6 170.6



#36
4-Chloro-3-methylphenol
Concen: 44.964 ng
RT: 8.657 min Scan# 1083
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:107 Resp: 293543
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 70.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 45.970 ng

RT: 8.786 min Scan# 1111

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

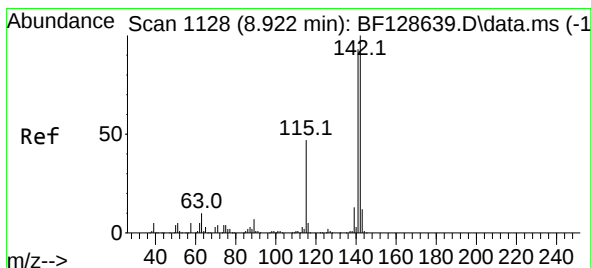
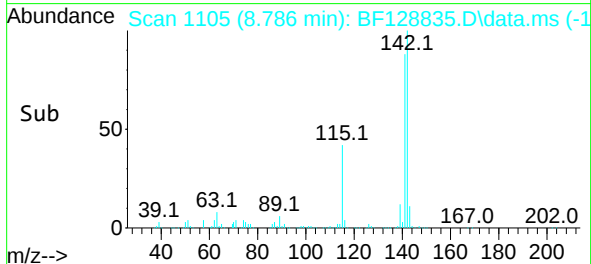
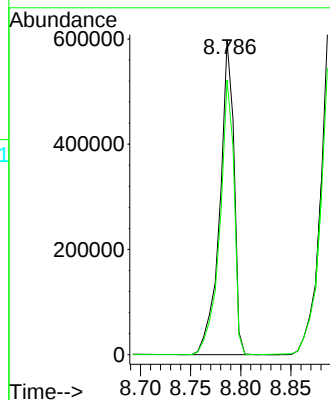
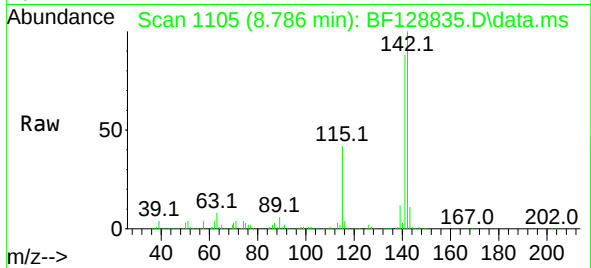
PB145561BS

Tgt Ion:142 Resp: 586037

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.4



#38

1-Methylnaphthalene

Concen: 45.567 ng

RT: 8.886 min Scan# 1122

Delta R.T. 0.006 min

Lab File: BF128835.D

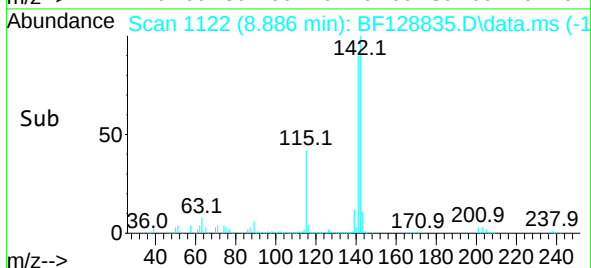
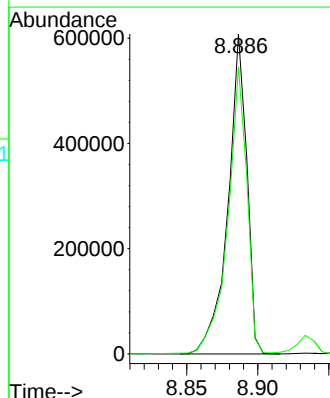
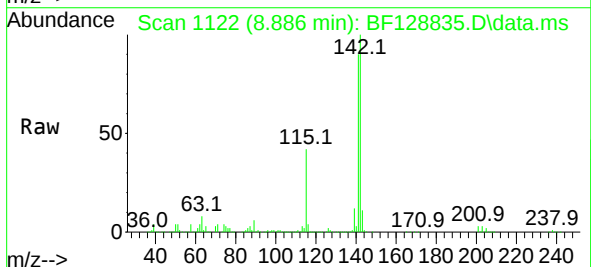
Acq: 16 Jun 2022 12:54

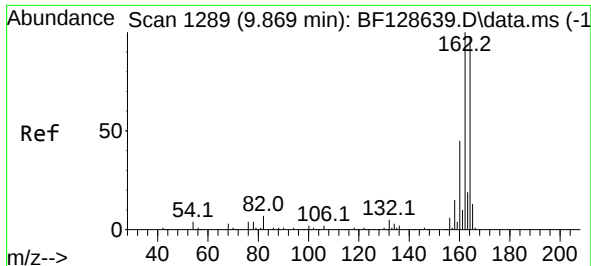
Tgt Ion:142 Resp: 561238

Ion Ratio Lower Upper

142 100

141 89.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

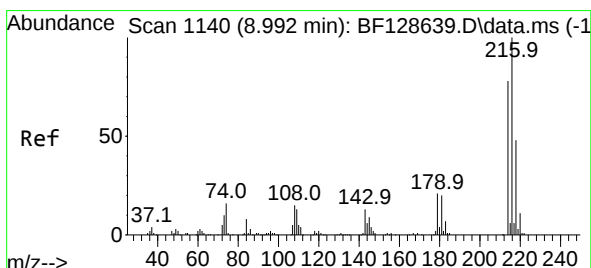
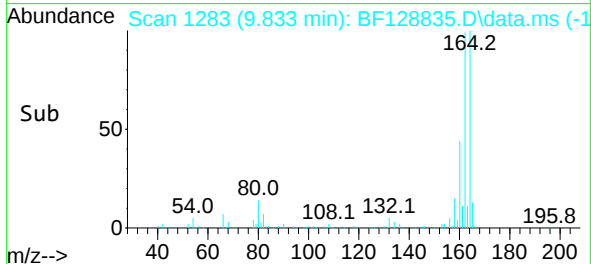
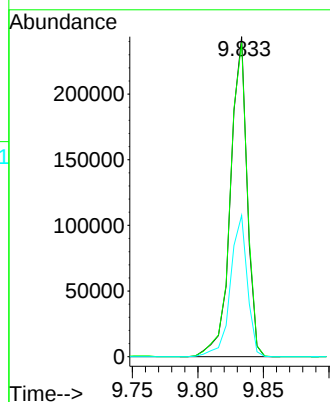
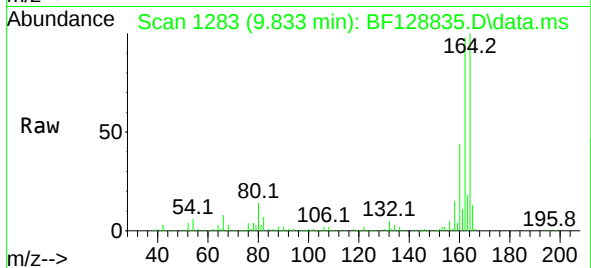
Tgt Ion:164 Resp: 214620

Ion Ratio Lower Upper

164 100

162 98.1 79.5 119.3

160 44.1 34.2 51.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.638 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Tgt Ion:216 Resp: 310864

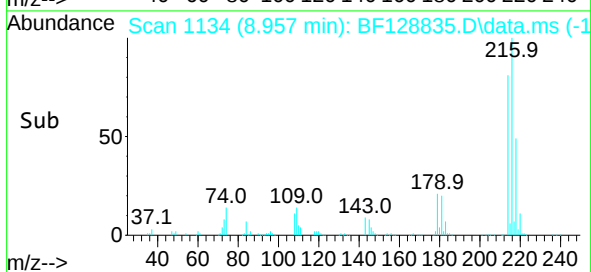
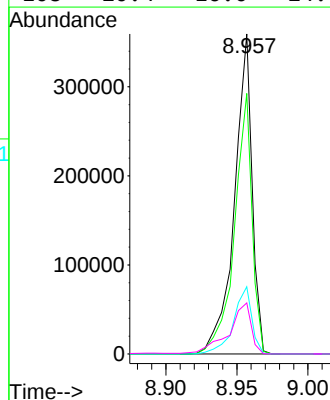
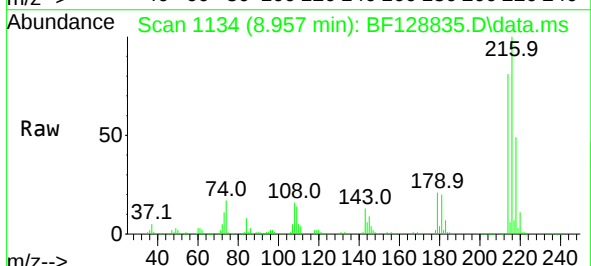
Ion Ratio Lower Upper

216 100

214 81.2 63.6 95.4

179 21.8 17.0 25.6

108 20.4 16.0 24.0

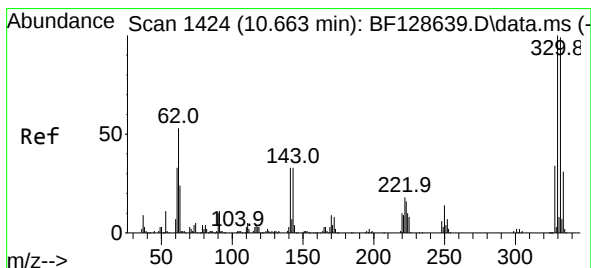
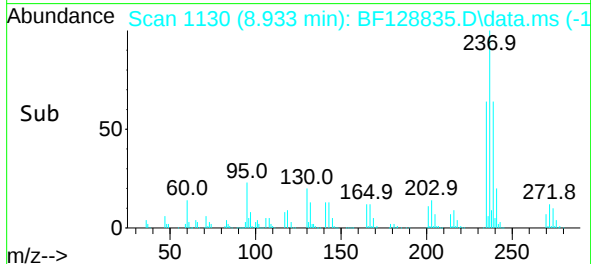
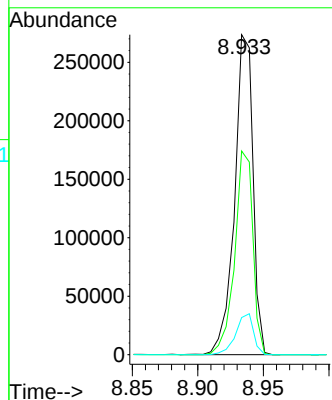
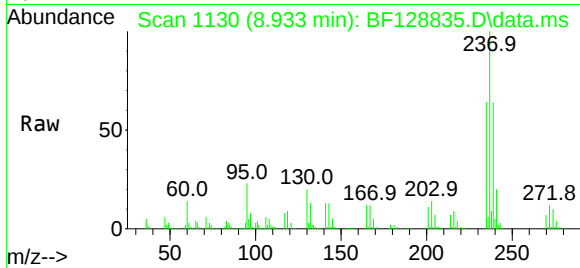




#41
Hexachlorocyclopentadiene
Concen: 66.935 ng
RT: 8.933 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

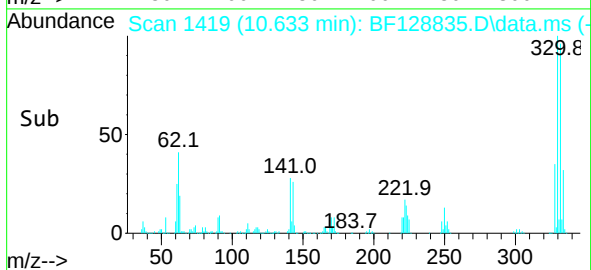
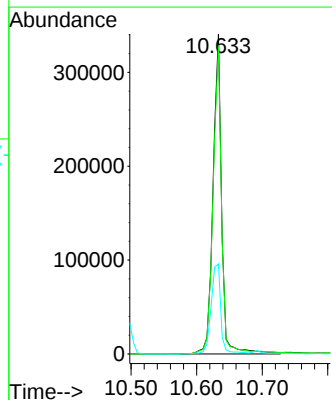
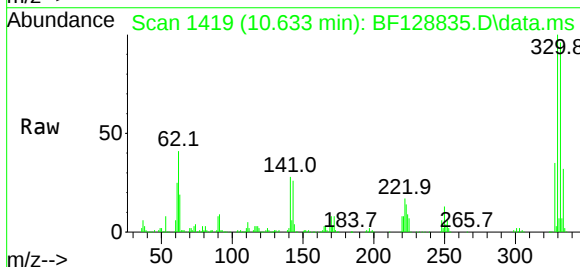
Instrument :
BNA_F
ClientSampleId :
PB145561BS

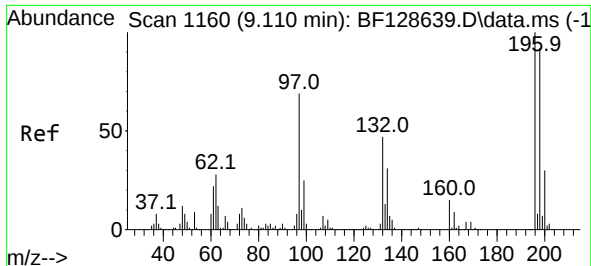
Tgt Ion:237 Resp: 268184
Ion Ratio Lower Upper
237 100
235 63.6 43.2 83.2
272 11.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 122.963 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:330 Resp: 311816
Ion Ratio Lower Upper
330 100
332 97.9 76.8 115.2
141 32.0 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 40.615 ng

RT: 9.080 min Scan# 1160

Delta R.T. 0.012 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

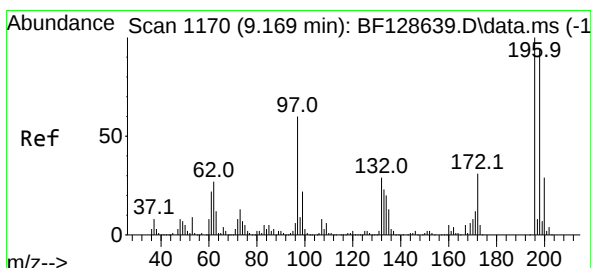
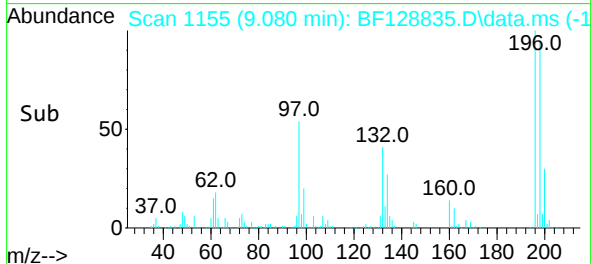
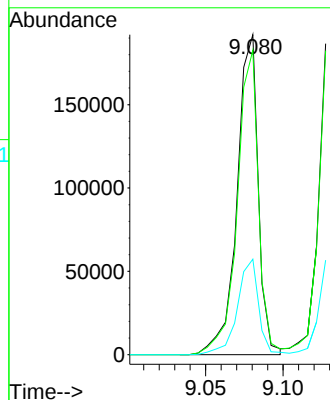
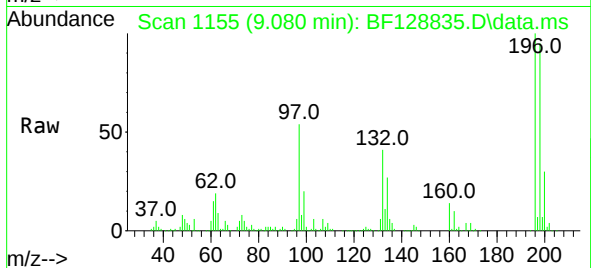
Tgt Ion:196 Resp: 183073

Ion Ratio Lower Upper

196 100

198 95.1 74.0 111.0

200 29.8 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 40.062 ng

RT: 9.127 min Scan# 1163

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Tgt Ion:196 Resp: 186617

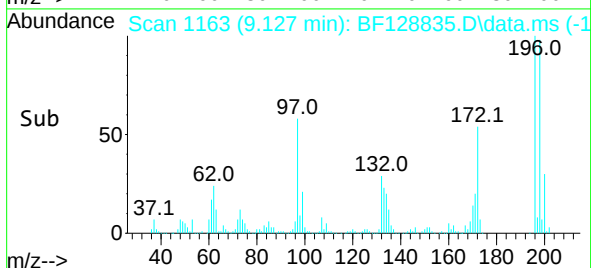
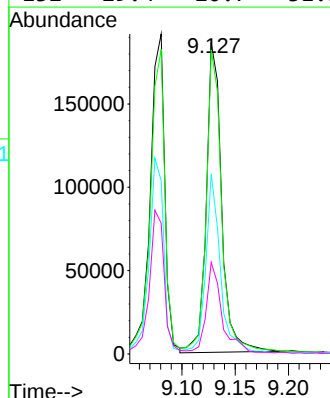
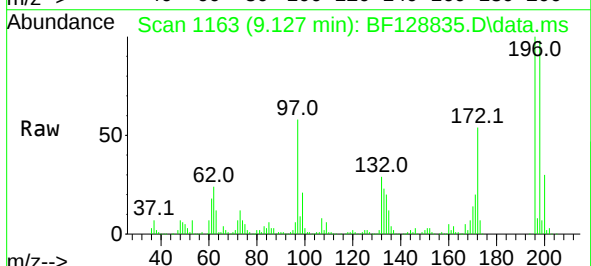
Ion Ratio Lower Upper

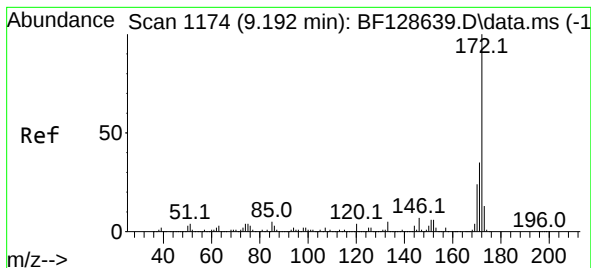
196 100

198 97.7 75.7 113.5

97 57.9 36.4 54.6#

132 29.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 85.462 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

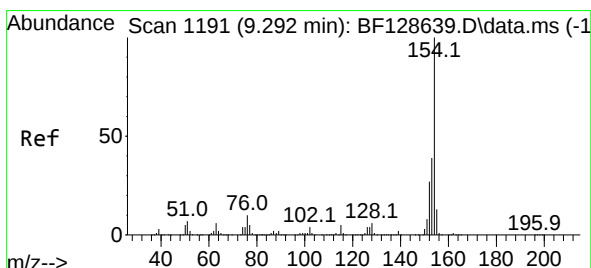
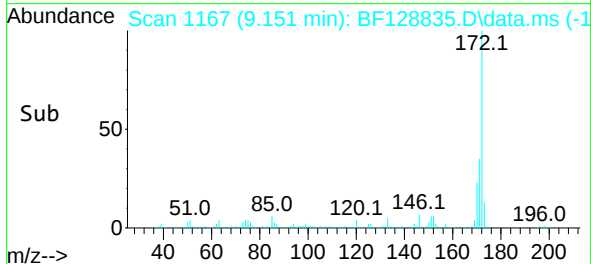
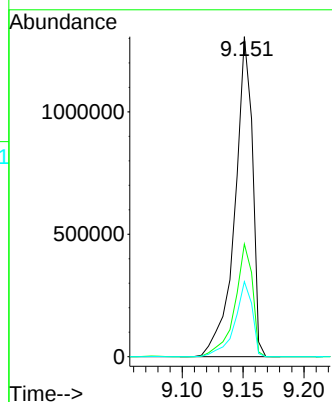
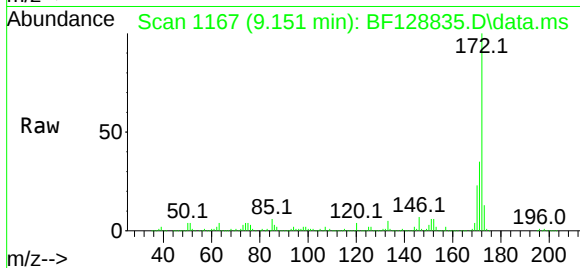
Tgt Ion:172 Resp: 1309386

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8



#46

1,1'-Biphenyl

Concen: 46.061 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

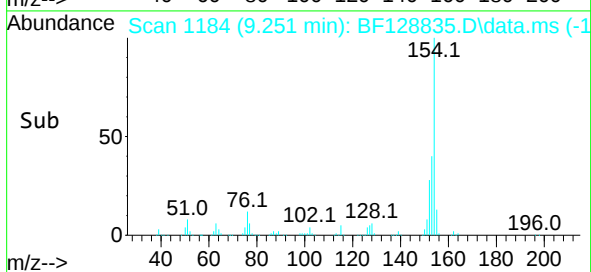
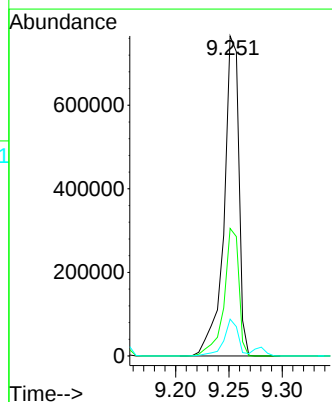
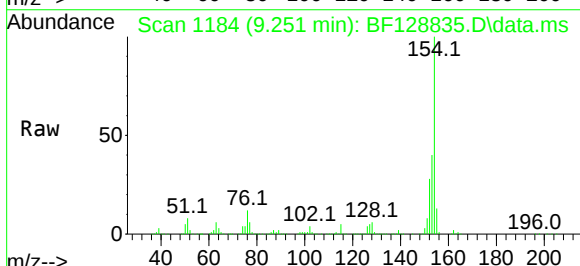
Tgt Ion:154 Resp: 741733

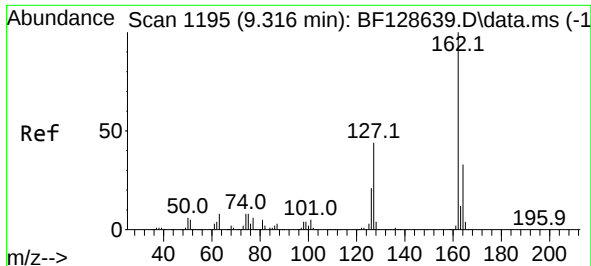
Ion Ratio Lower Upper

154 100

153 39.9 20.6 60.6

76 11.5 0.0 33.3

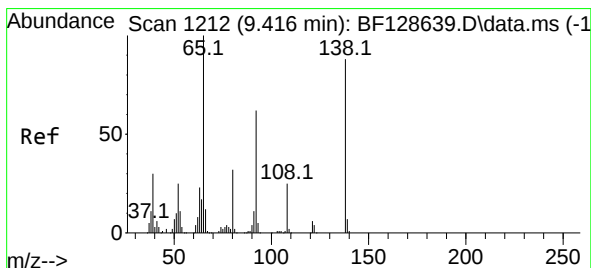
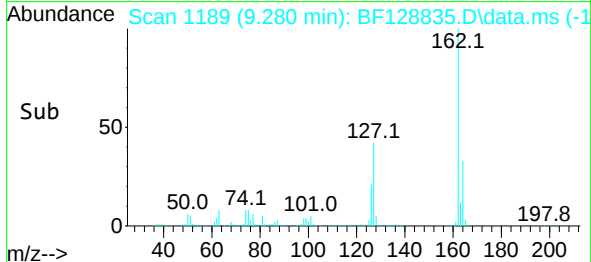
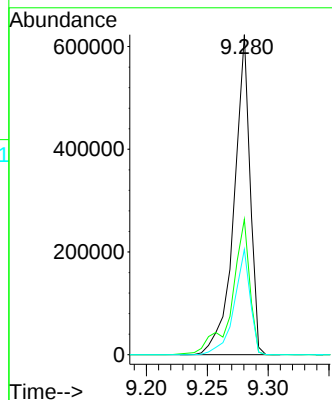
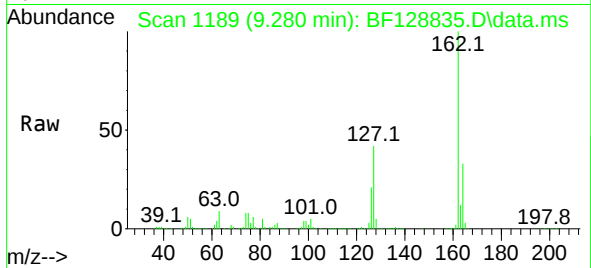




#47
2-Chloronaphthalene
Concen: 46.219 ng
RT: 9.280 min Scan# 1195
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

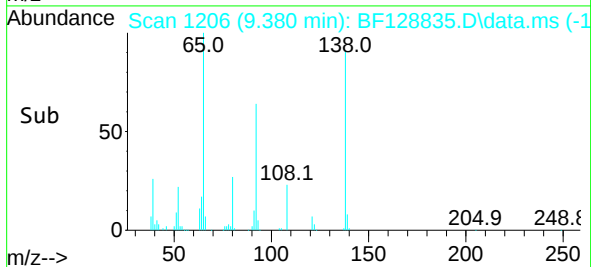
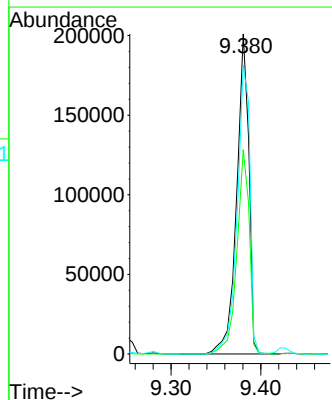
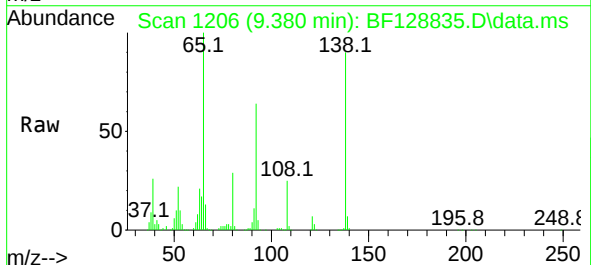
Instrument :
BNA_F
ClientSampleId :
PB145561BS

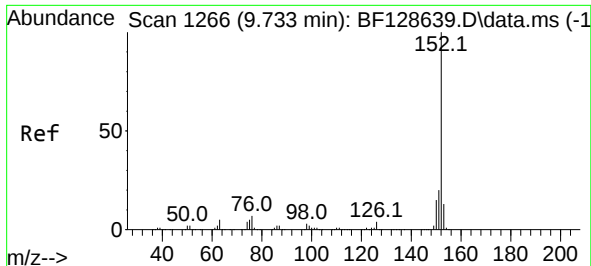
Tgt Ion:162 Resp: 567935
Ion Ratio Lower Upper
162 100
127 42.3 34.5 51.7
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 45.353 ng
RT: 9.380 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion: 65 Resp: 190569
Ion Ratio Lower Upper
65 100
92 63.9 51.9 77.9
138 90.3 76.4 114.6





#49

Acenaphthylene

Concen: 48.009 ng

RT: 9.698 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

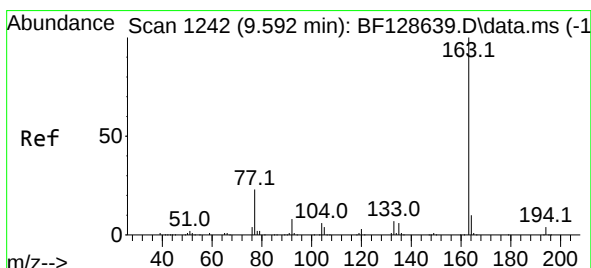
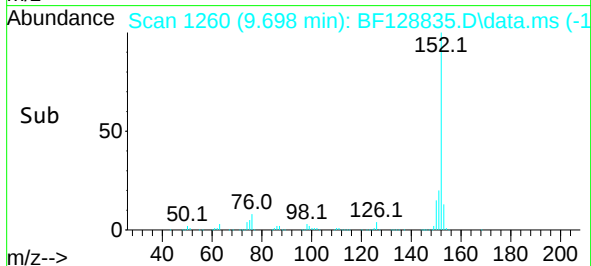
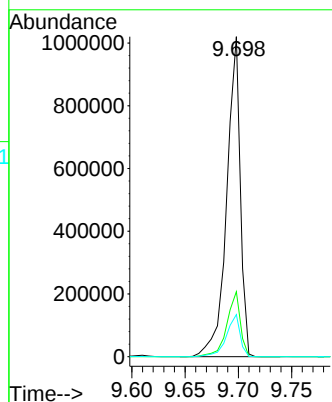
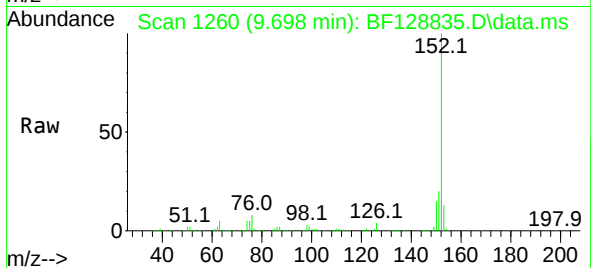
Tgt Ion:152 Resp: 903115

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 46.264 ng

RT: 9.557 min Scan# 1236

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

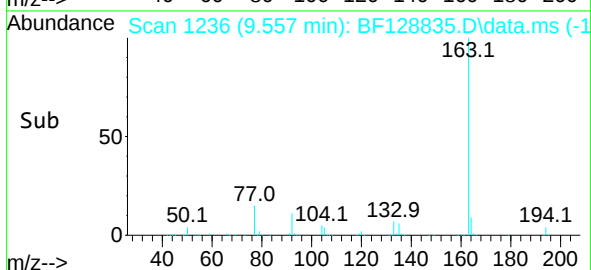
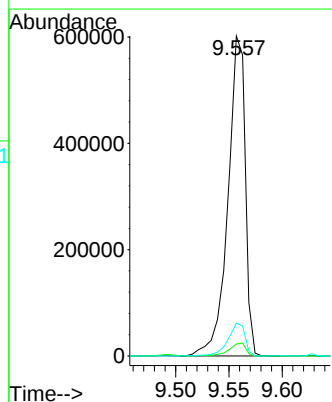
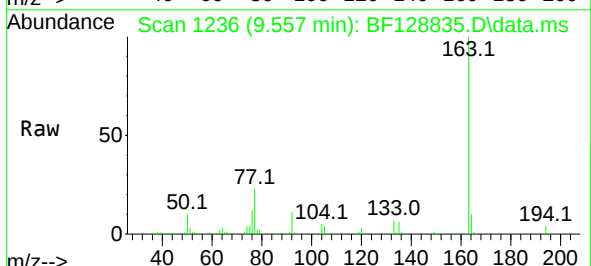
Tgt Ion:163 Resp: 679637

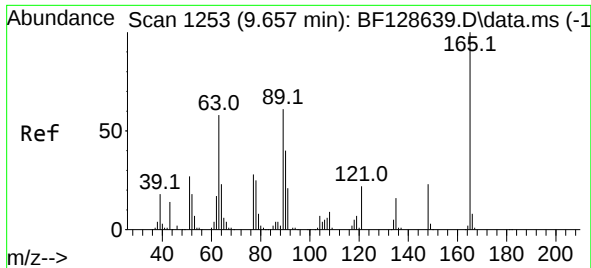
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.3 8.2 12.2

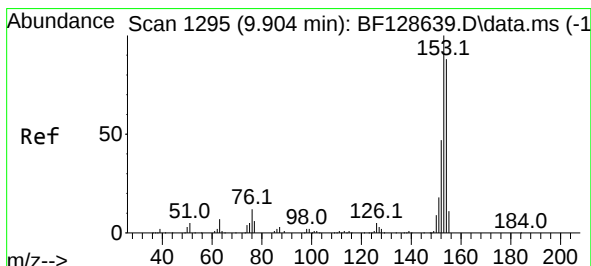
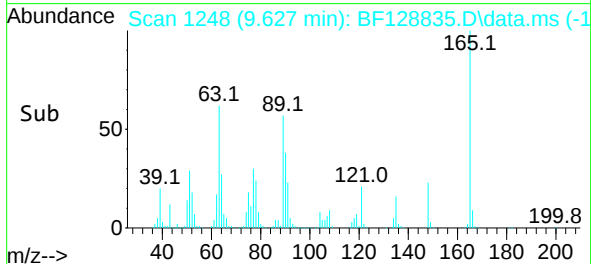
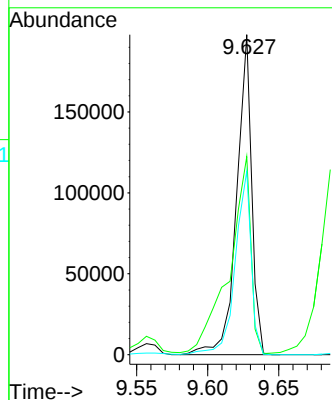
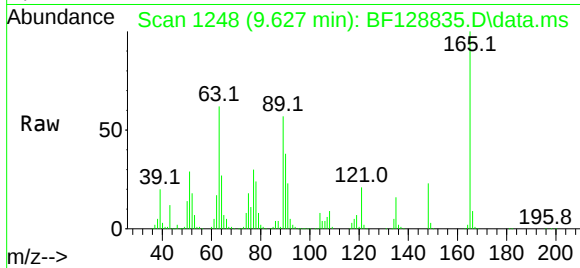




#51
2,6-Dinitrotoluene
Concen: 50.559 ng
RT: 9.627 min Scan# 1248
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

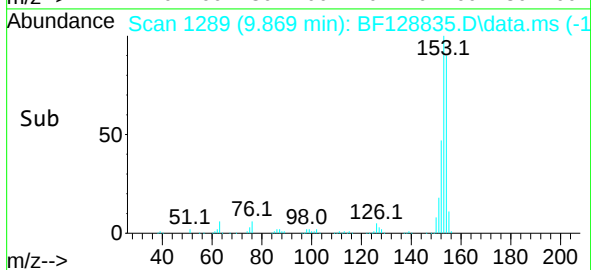
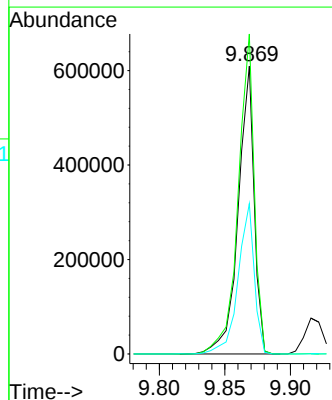
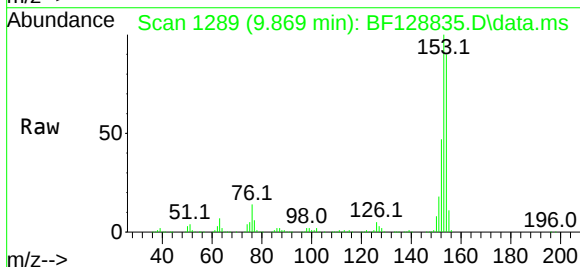
Instrument :
BNA_F
ClientSampleId :
PB145561BS

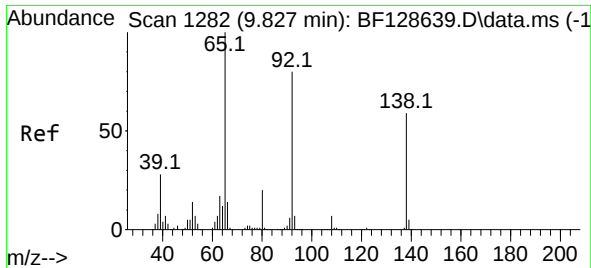
Tgt Ion:165 Resp: 146592
Ion Ratio Lower Upper
165 100
63 61.9 44.9 67.3
89 57.4 43.6 65.4



#52
Acenaphthene
Concen: 42.329 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:154 Resp: 518550
Ion Ratio Lower Upper
154 100
153 111.2 89.6 134.4
152 52.2 42.4 63.6

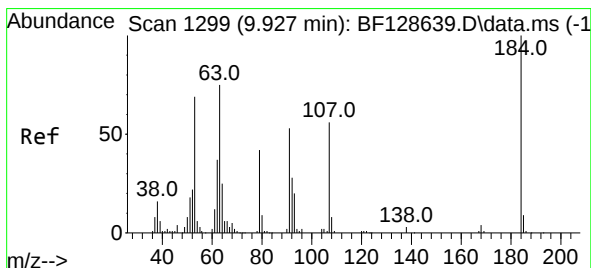
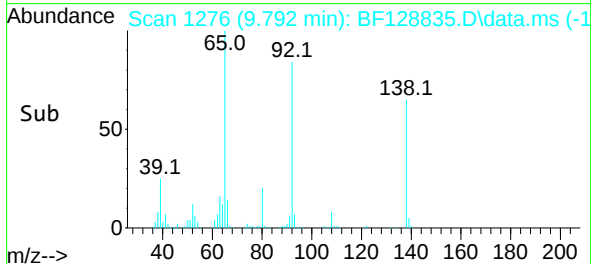
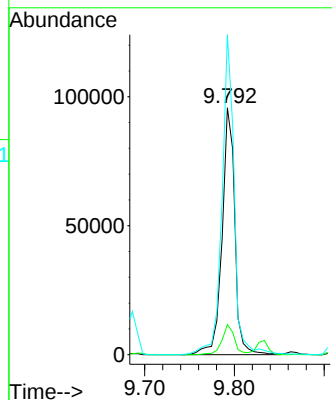
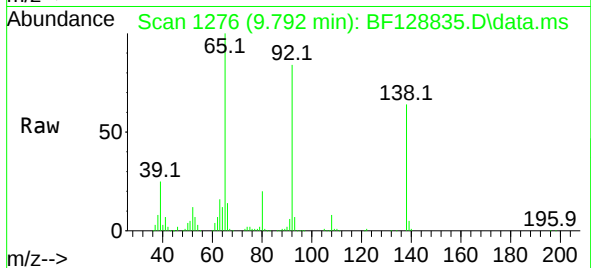




#53
3-Nitroaniline
Concen: 29.974 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

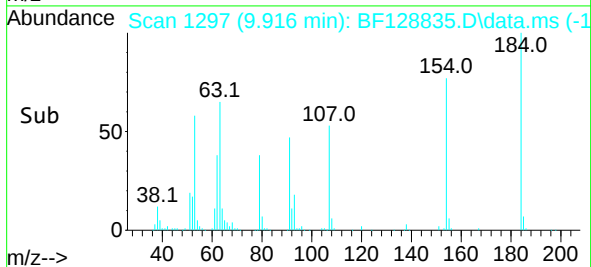
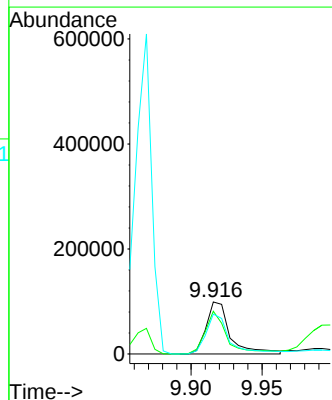
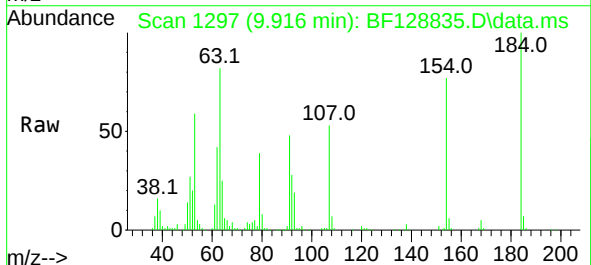
Instrument :
BNA_F
ClientSampleId :
PB145561BS

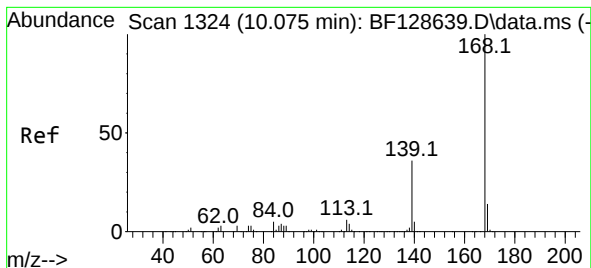
Tgt Ion:138 Resp: 94321
Ion Ratio Lower Upper
138 100
108 12.2 10.9 16.3
92 129.6 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 72.187 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.018 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:184 Resp: 116578
Ion Ratio Lower Upper
184 100
63 82.3 64.5 96.7
154 76.6 50.6 75.8#

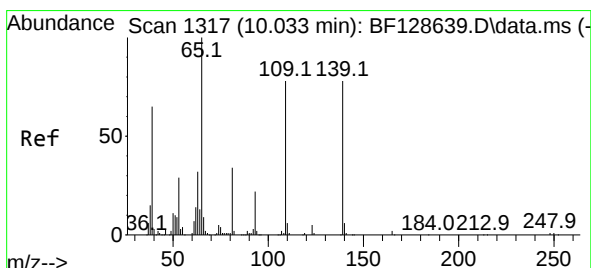
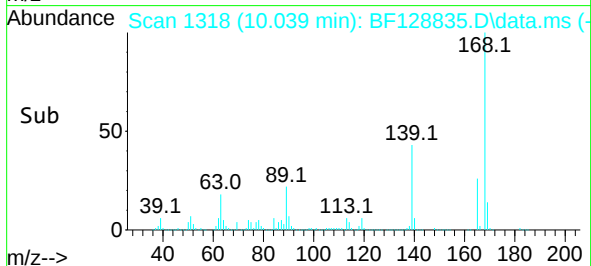
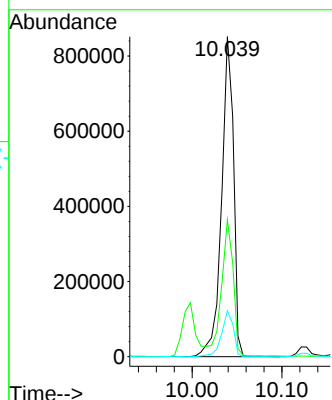
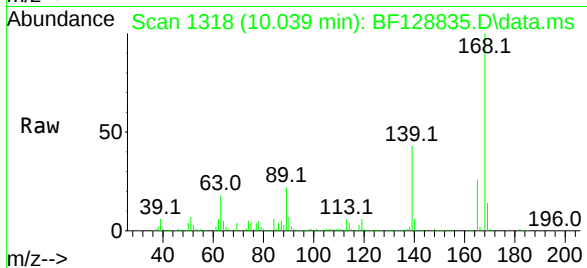




#55
Dibenzenofuran
Concen: 44.768 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

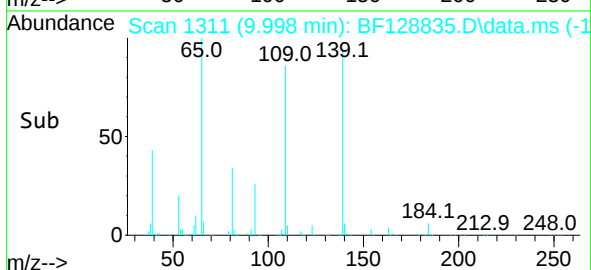
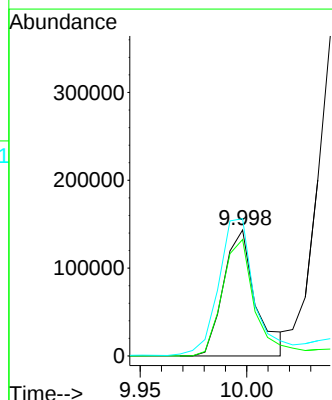
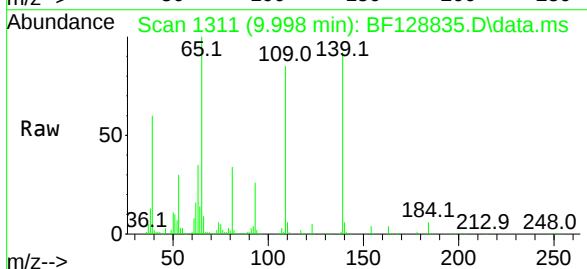
Instrument :
BNA_F
ClientSampleId :
PB145561BS

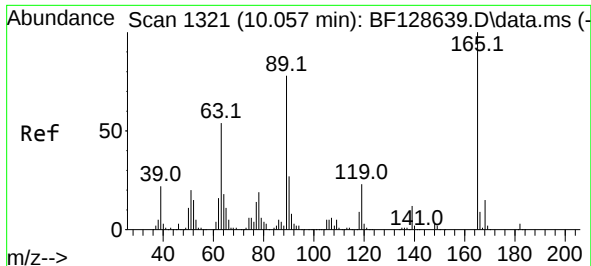
Tgt Ion:168 Resp: 788181
Ion Ratio Lower Upper
168 100
139 42.8 30.6 46.0
169 14.4 11.0 16.6



#56
4-Nitrophenol
Concen: 66.128 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.018 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:139 Resp: 150841
Ion Ratio Lower Upper
139 100
109 92.5 50.7 90.7#
65 108.9 74.5 114.5

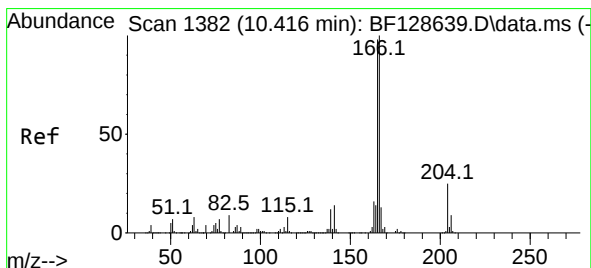
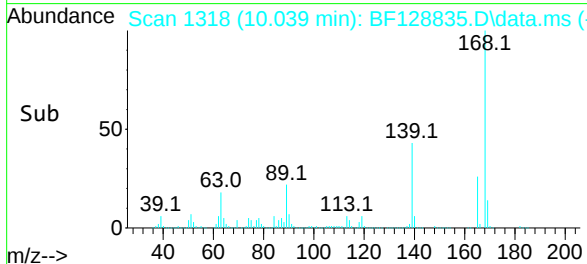
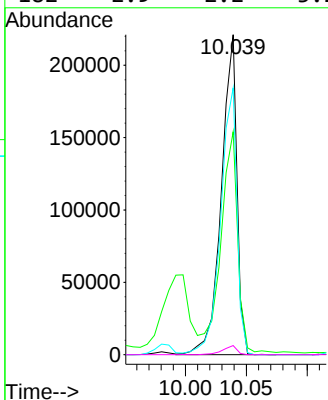
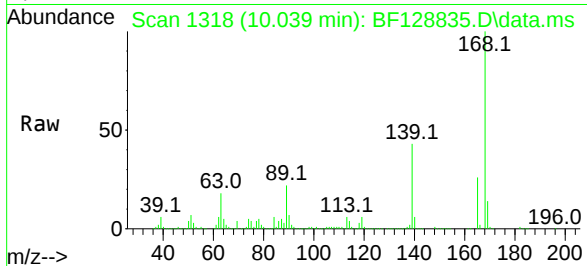




#57
2,4-Dinitrotoluene
Concen: 51.023 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.018 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

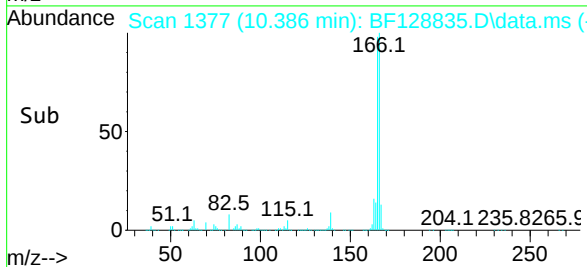
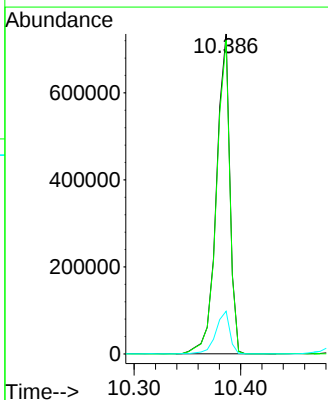
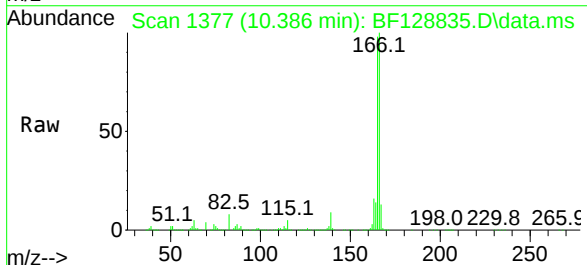
Instrument :
BNA_F
ClientSampleId :
PB145561BS

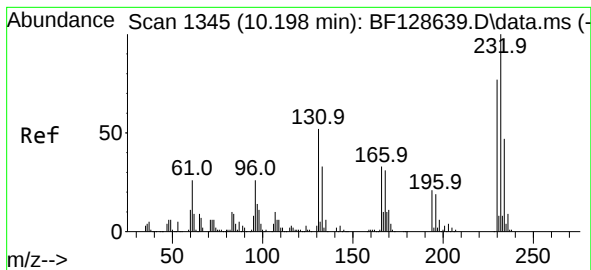
Tgt Ion:165 Resp: 197429
Ion Ratio Lower Upper
165 100
63 69.6 39.8 59.6#
89 83.3 60.2 90.2
182 2.9 2.2 3.2



#58
Fluorene
Concen: 46.953 ng
RT: 10.386 min Scan# 1377
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:166 Resp: 641084
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.4 10.5 15.7

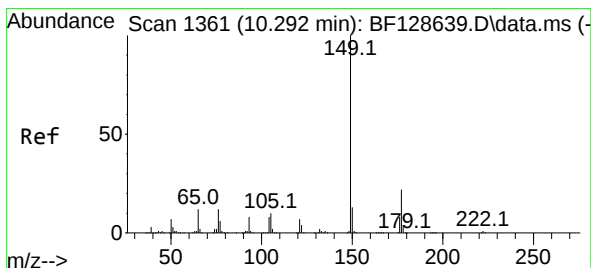
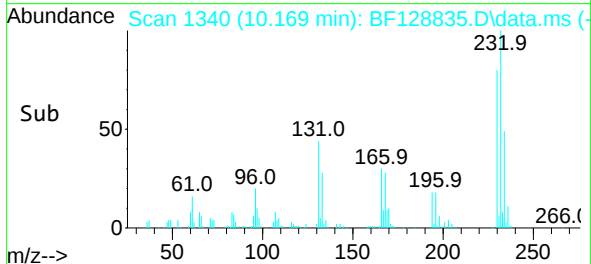
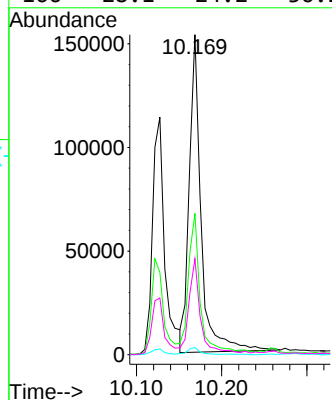
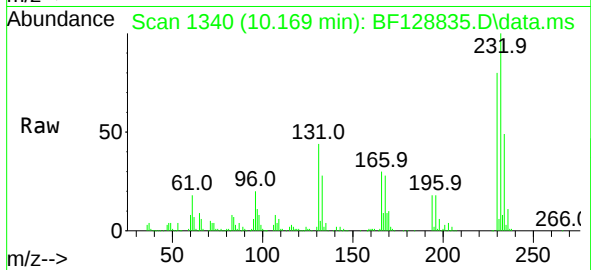




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.538 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

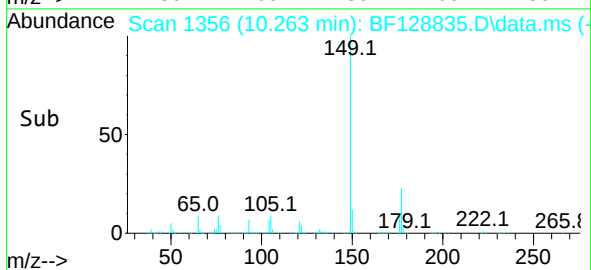
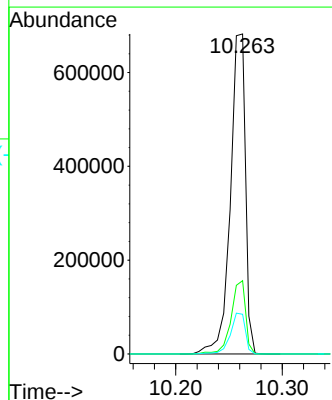
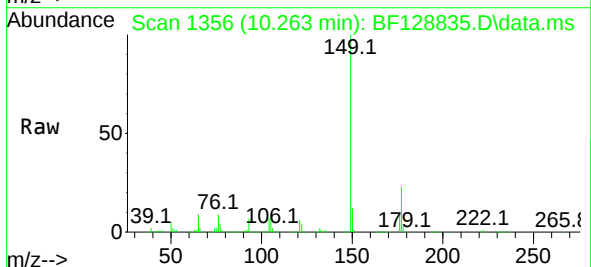
Instrument :
BNA_F
ClientSampleId :
PB145561BS

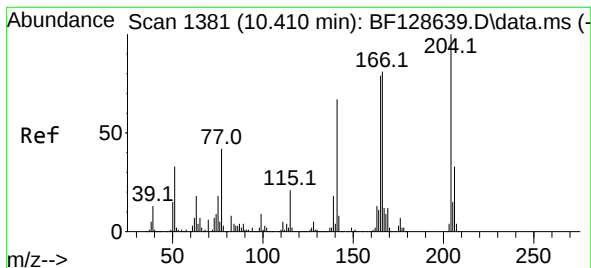
Tgt Ion:232 Resp: 148274
Ion Ratio Lower Upper
232 100
131 46.1 36.1 54.1
130 2.5 1.8 2.8
166 28.1 24.2 36.2



#60
Diethylphthalate
Concen: 45.577 ng
RT: 10.263 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:149 Resp: 672934
Ion Ratio Lower Upper
149 100
177 22.9 17.3 25.9
150 12.4 10.2 15.2

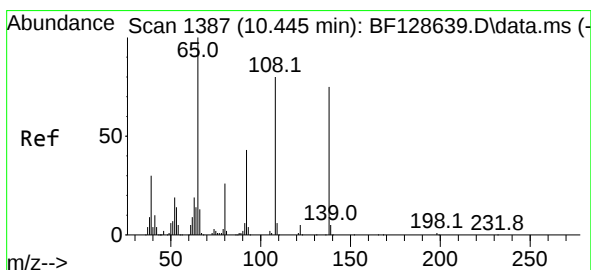
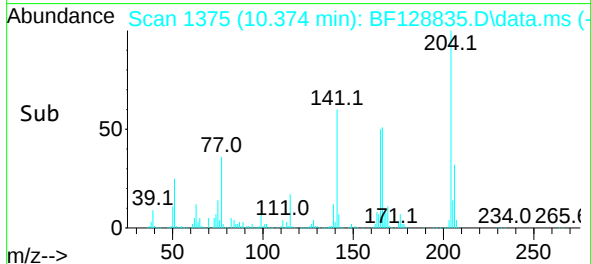
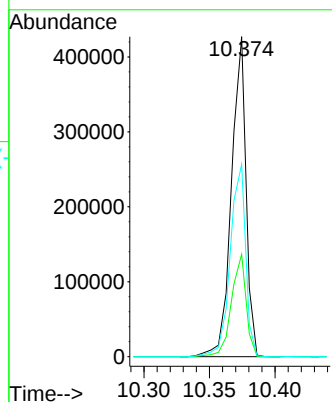
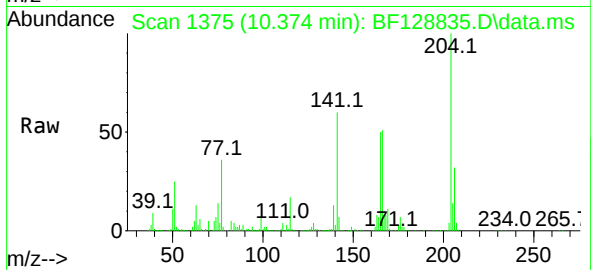




#61
4-Chlorophenyl-phenylether
Concen: 46.724 ng
RT: 10.374 min Scan# 1375
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

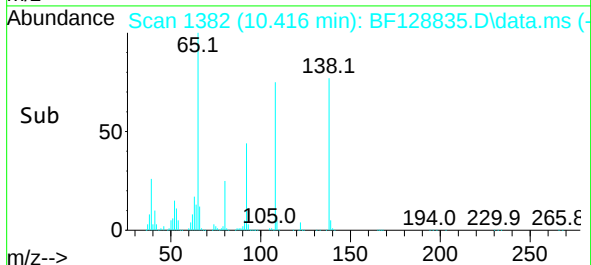
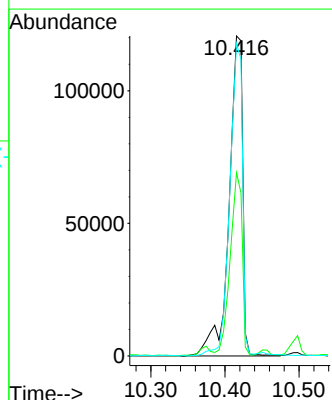
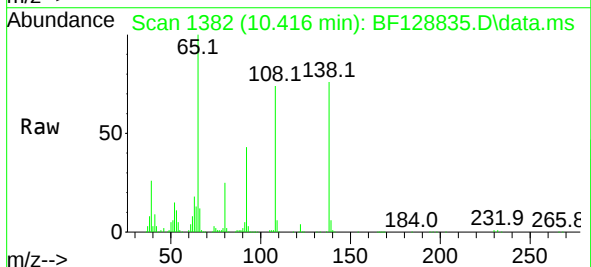
Instrument :
BNA_F
ClientSampleId :
PB145561BS

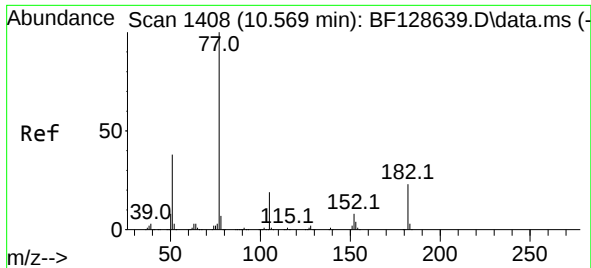
Tgt Ion:204 Resp: 330890
Ion Ratio Lower Upper
204 100
206 32.0 25.8 38.6
141 60.1 47.0 70.4



#62
4-Nitroaniline
Concen: 48.125 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:138 Resp: 153334
Ion Ratio Lower Upper
138 100
92 57.3 33.5 73.5
108 97.6 61.0 101.0

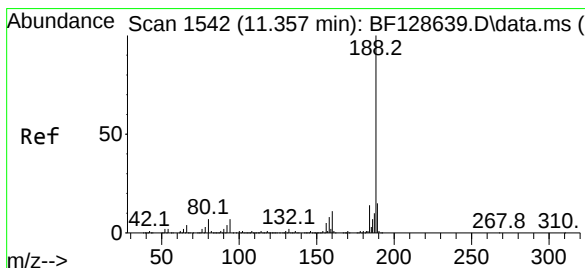
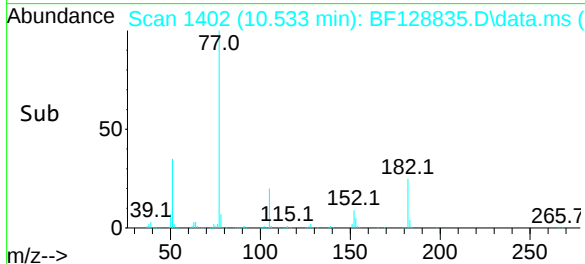
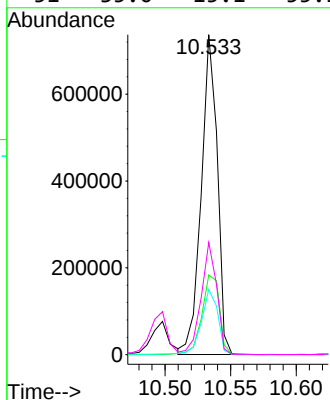
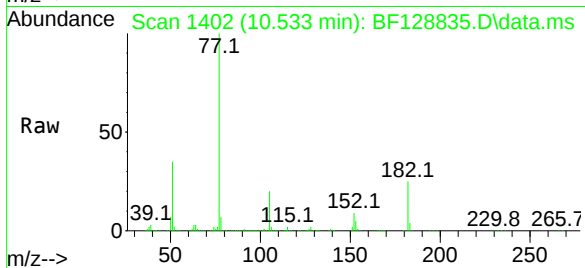




#63
Azobenzene
Concen: 43.194 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

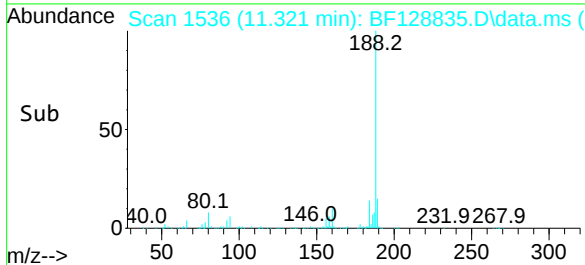
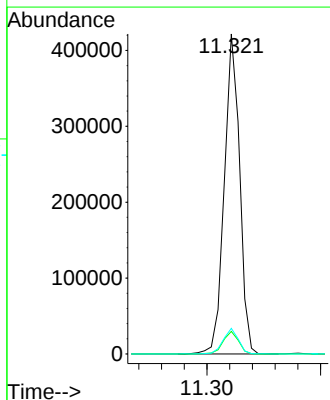
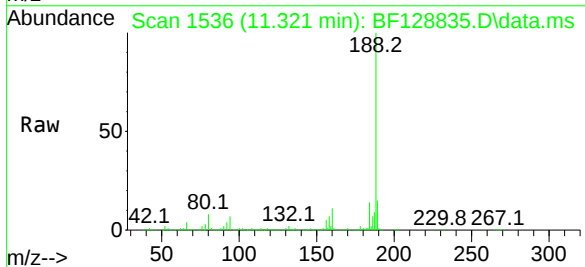
Instrument :
BNA_F
ClientSampleId :
PB145561BS

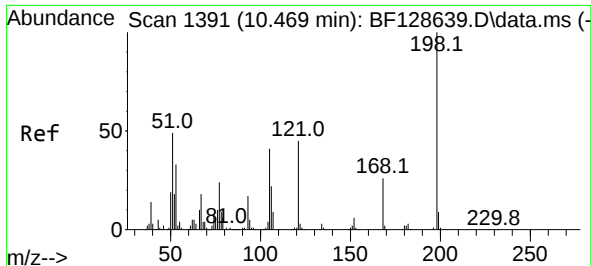
Tgt Ion: 77	Resp: 627833
Ion Ratio	Lower Upper
77 100	
182 24.9	5.6 45.6
105 20.4	1.6 41.6
51 35.0	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1536
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:188	Resp: 395870
Ion Ratio	Lower Upper
188 100	
94 7.1	7.0 10.6
80 8.0	7.6 11.4

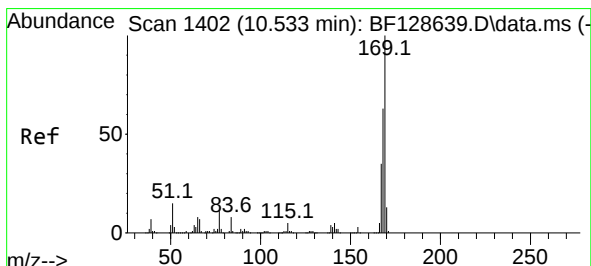
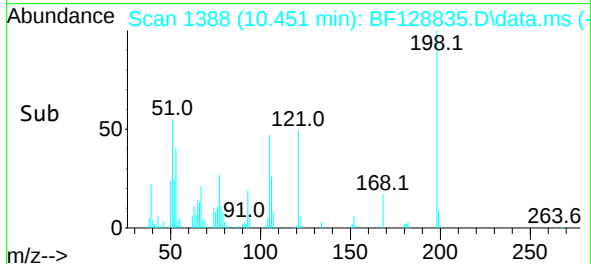
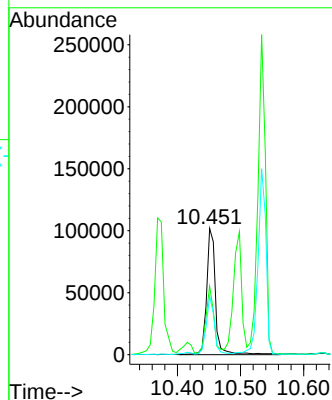
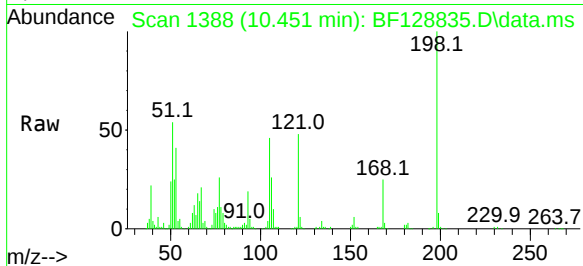




#65
4,6-Dinitro-2-methylphenol
Concen: 42.890 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.018 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

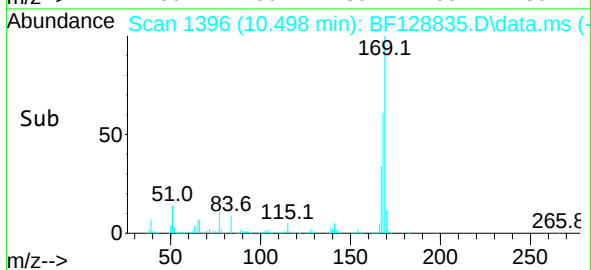
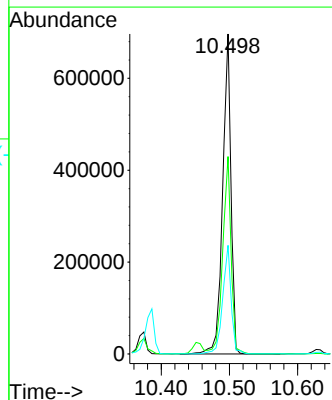
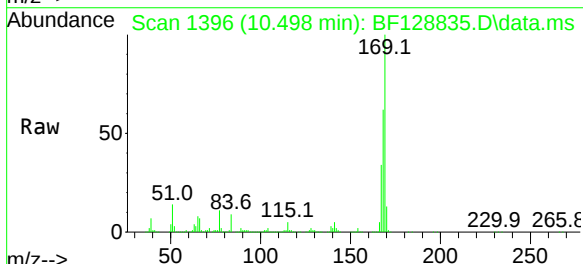
Instrument :
BNA_F
ClientSampleId :
PB145561BS

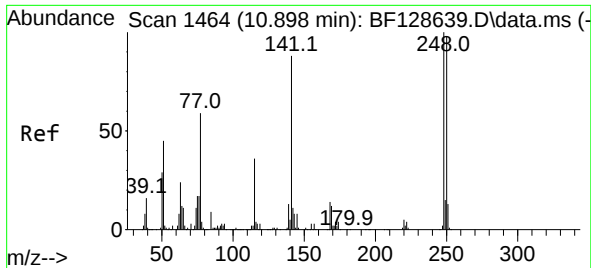
Tgt Ion:198 Resp: 100201
Ion Ratio Lower Upper
198 100
51 54.3 37.6 77.6
105 46.4 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 48.661 ng
RT: 10.498 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:169 Resp: 592086
Ion Ratio Lower Upper
169 100
168 61.7 50.1 75.1
167 33.9 27.9 41.9

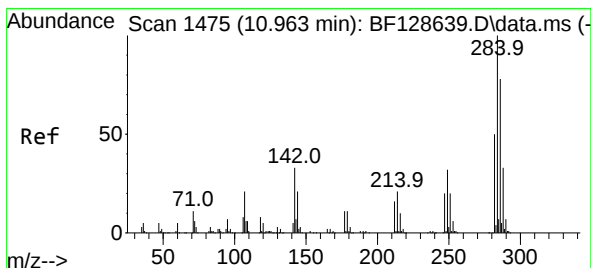
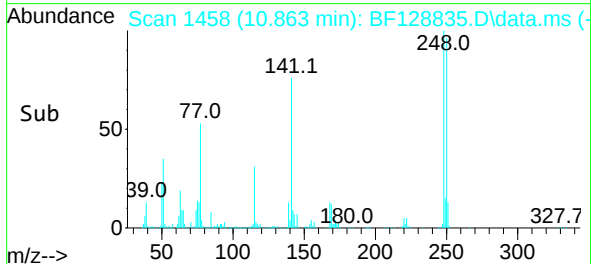
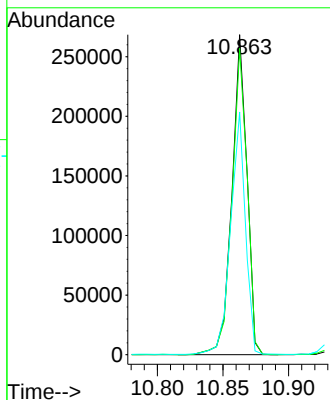
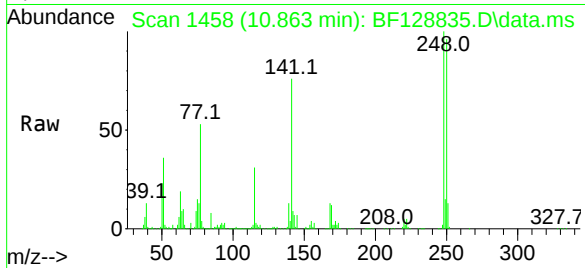




#67
4-Bromophenyl-phenylether
Concen: 48.424 ng
RT: 10.863 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

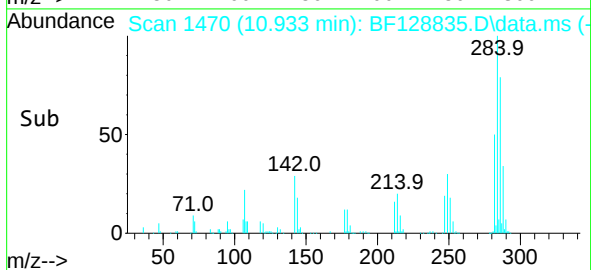
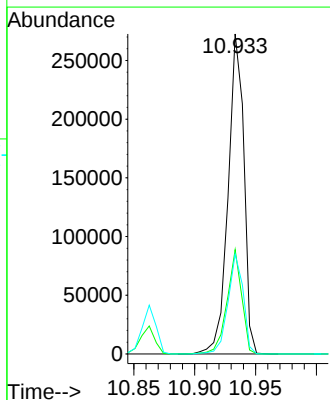
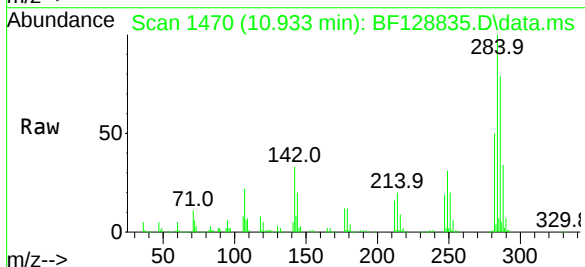
Instrument :
BNA_F
ClientSampleId :
PB145561BS

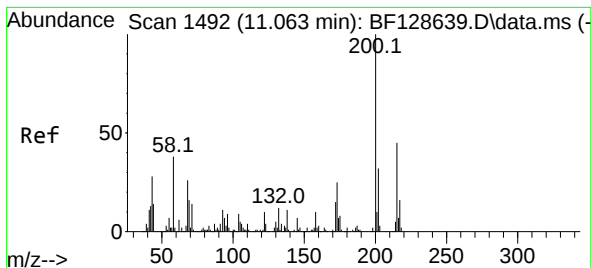
Tgt Ion:248 Resp: 213775
Ion Ratio Lower Upper
248 100
250 95.7 80.6 120.8
141 75.8 58.9 88.3



#68
Hexachlorobenzene
Concen: 49.968 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:284 Resp: 244985
Ion Ratio Lower Upper
284 100
142 32.6 29.0 43.4
249 31.2 25.0 37.6





#69

Atrazine

Concen: 52.568 ng

RT: 11.027 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

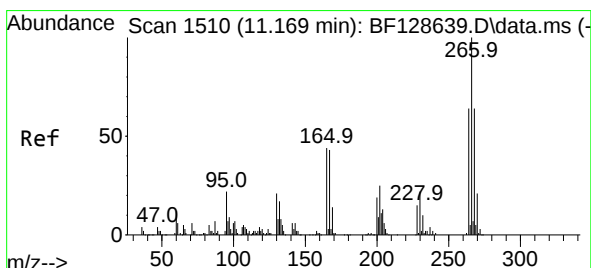
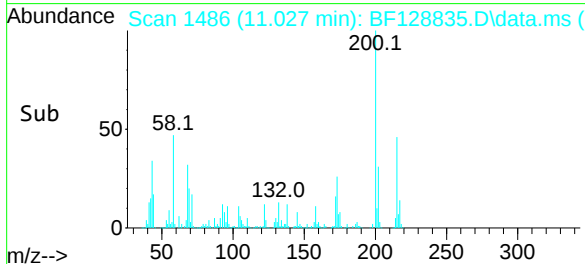
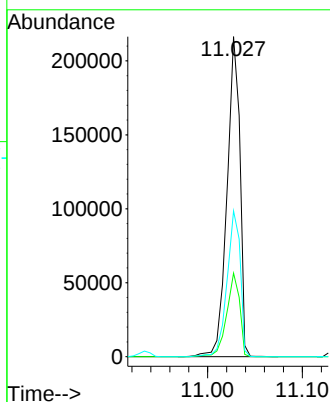
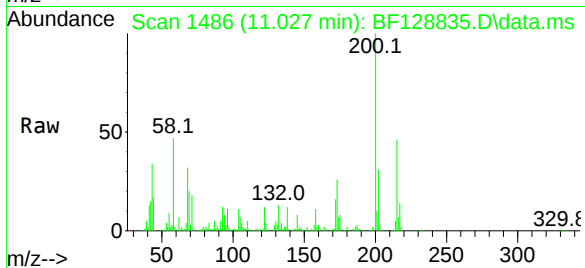
Tgt Ion:200 Resp: 205693

Ion Ratio Lower Upper

200 100

173 26.1 6.3 46.3

215 45.5 28.3 68.3



#70

Pentachlorophenol

Concen: 56.033 ng

RT: 11.139 min Scan# 1505

Delta R.T. 0.012 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

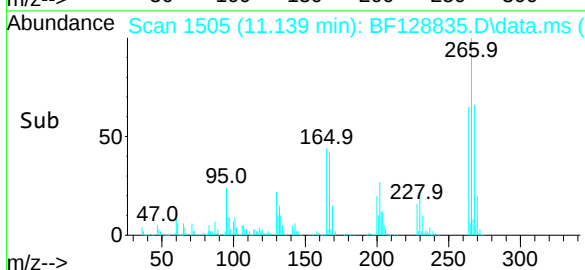
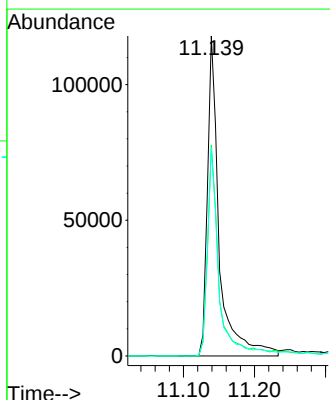
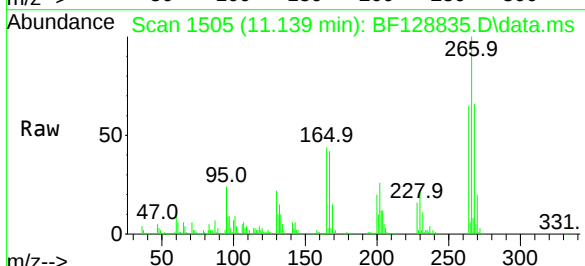
Tgt Ion:266 Resp: 137132

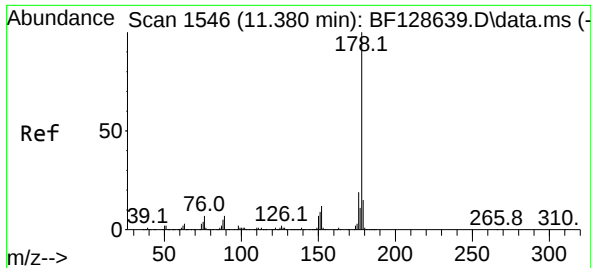
Ion Ratio Lower Upper

266 100

268 66.0 51.0 76.4

264 65.1 49.4 74.2

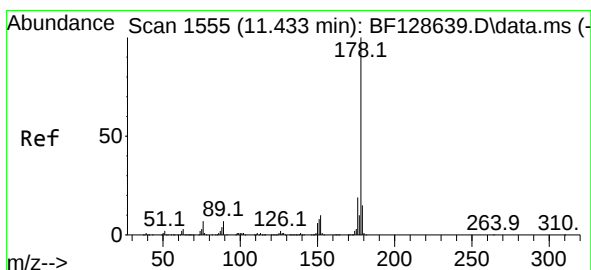
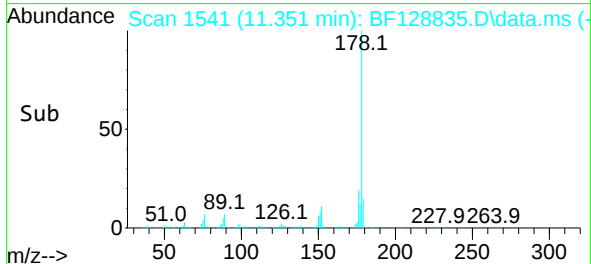
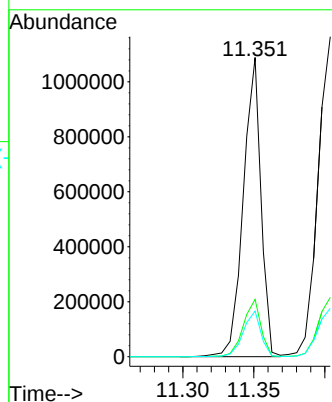
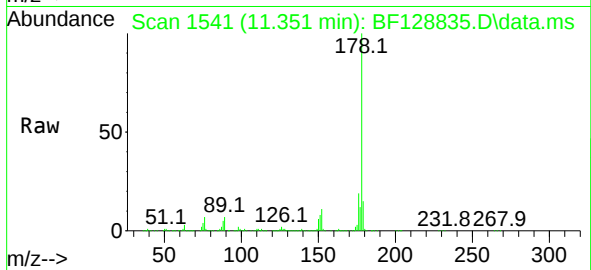




#71
Phenanthrene
Concen: 47.450 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

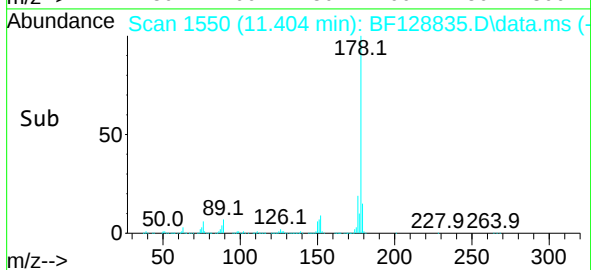
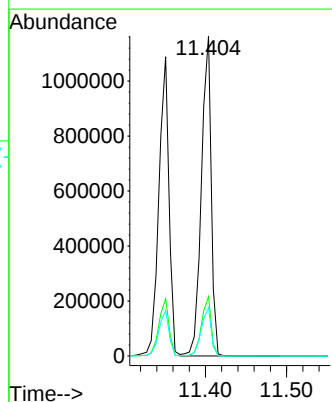
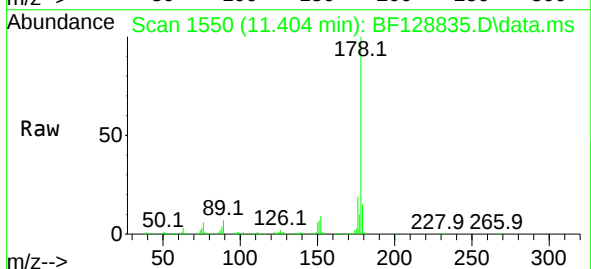
Instrument :
BNA_F
ClientSampleId :
PB145561BS

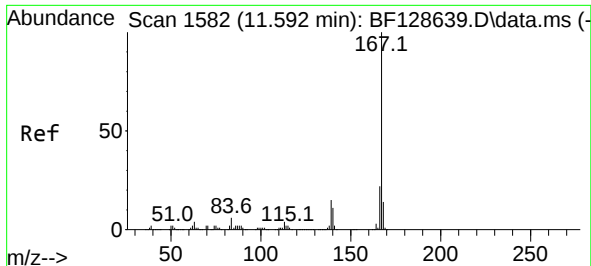
Tgt Ion:178 Resp: 942170
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 15.3 12.6 19.0



#72
Anthracene
Concen: 49.924 ng
RT: 11.404 min Scan# 1550
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:178 Resp: 981163
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.2
179 15.1 12.6 19.0

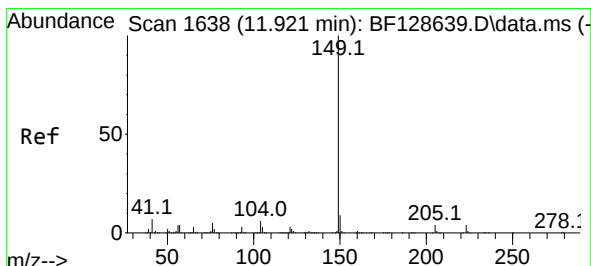
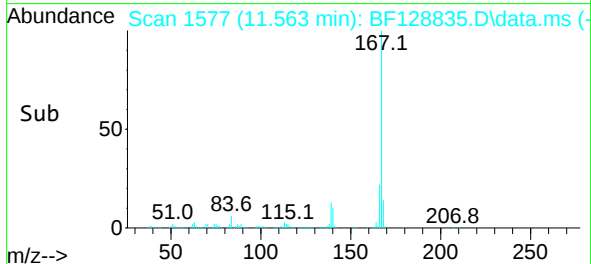
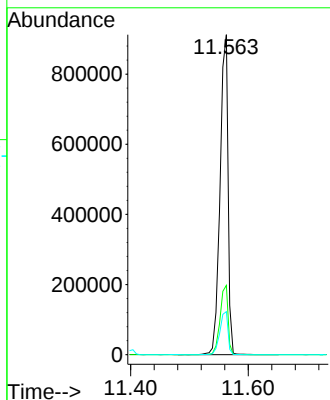
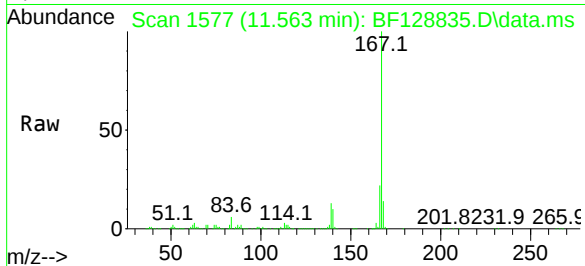




#73
 Carbazole
 Concen: 47.173 ng
 RT: 11.563 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF128835.D
 Acq: 16 Jun 2022 12:54

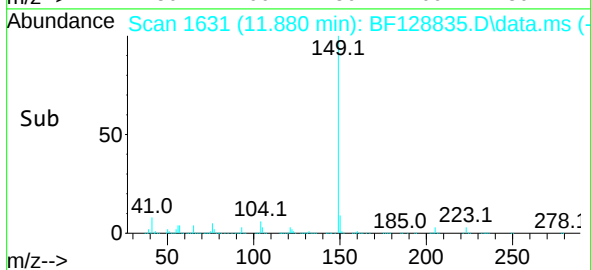
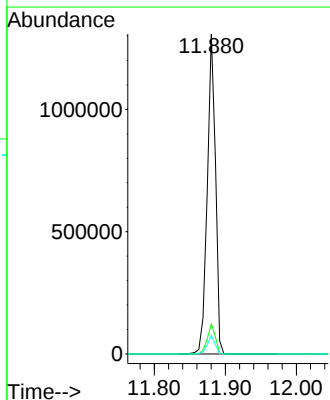
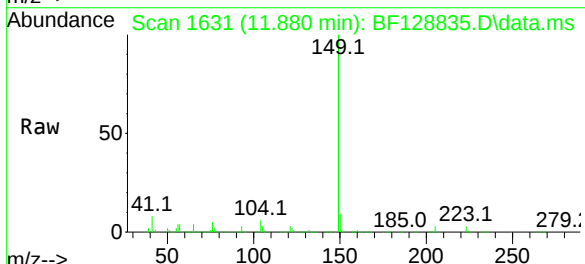
Instrument :
 BNA_F
 ClientSampleId :
 PB145561BS

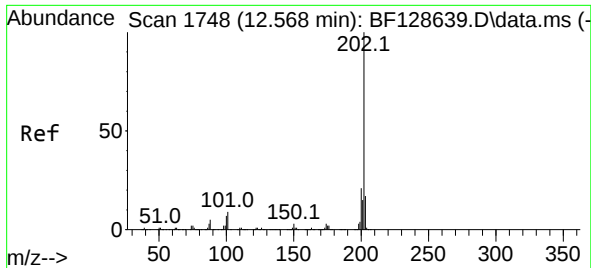
Tgt Ion:167 Resp: 861086
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.5 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 47.411 ng
 RT: 11.880 min Scan# 1631
 Delta R.T. 0.006 min
 Lab File: BF128835.D
 Acq: 16 Jun 2022 12:54

Tgt Ion:149 Resp: 1053713
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.7 4.4 6.6

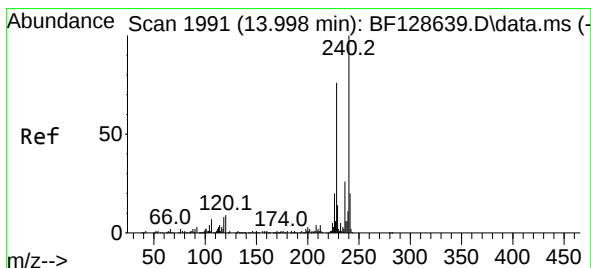
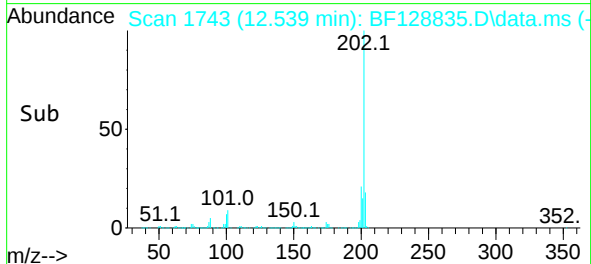
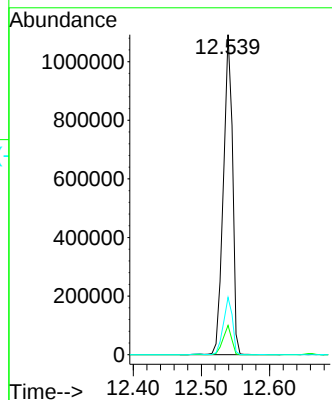
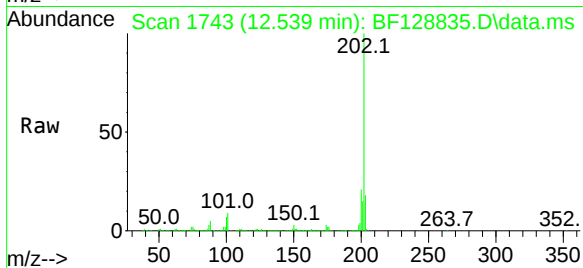




#75
Fluoranthene
Concen: 49.386 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

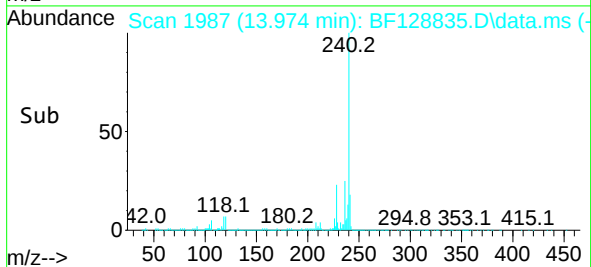
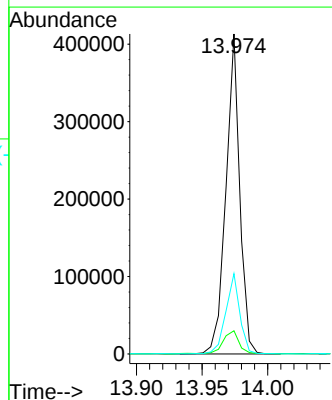
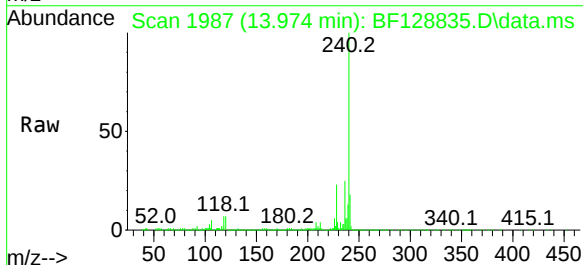
Instrument :
BNA_F
ClientSampleId :
PB145561BS

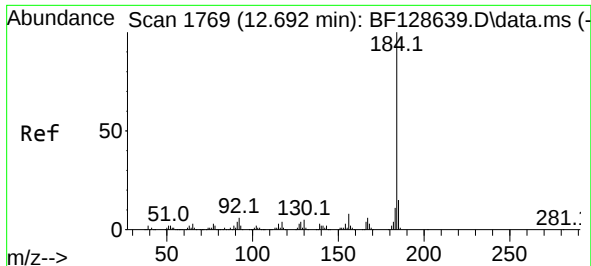
Tgt Ion:202 Resp: 1025023
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.4
203 17.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:240 Resp: 302057
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 25.1 20.8 31.2

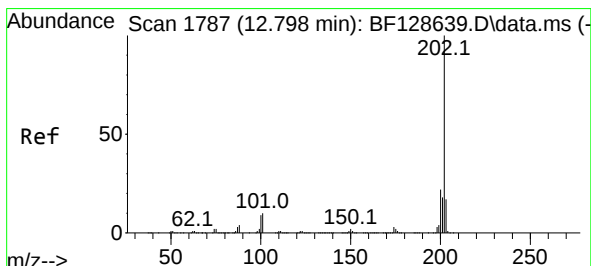
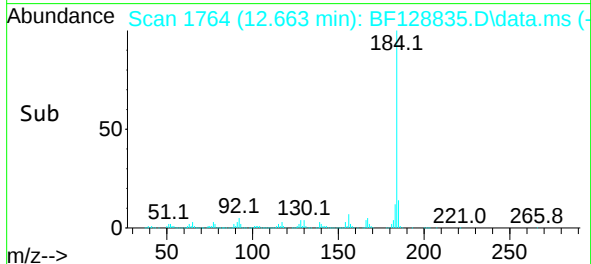
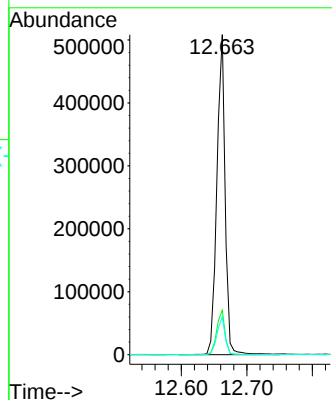
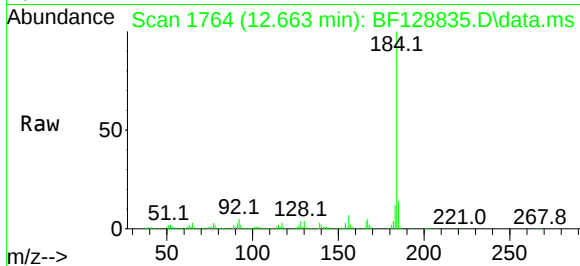




#77
Benzidine
Concen: 74.118 ng
RT: 12.663 min Scan# 1764
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

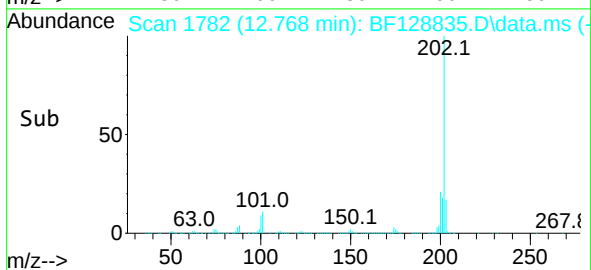
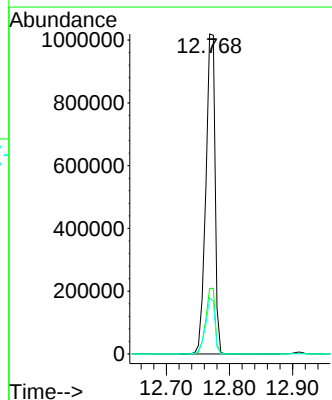
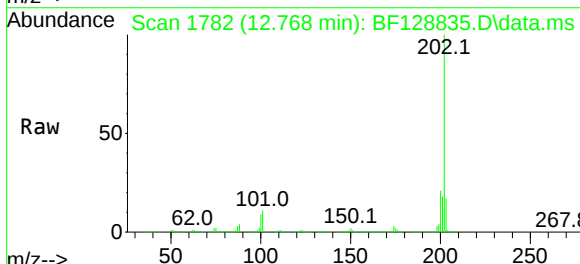
Instrument :
BNA_F
ClientSampleId :
PB145561BS

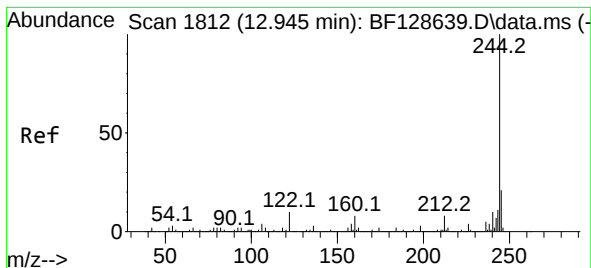
Tgt Ion:184 Resp: 446292
Ion Ratio Lower Upper
184 100
185 13.9 11.9 17.9
183 11.8 9.3 13.9



#78
Pyrene
Concen: 46.187 ng
RT: 12.768 min Scan# 1782
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:202 Resp: 1037949
Ion Ratio Lower Upper
202 100
200 20.5 17.7 26.5
203 17.5 14.6 21.8





#79

Terphenyl-d14

Concen: 90.223 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

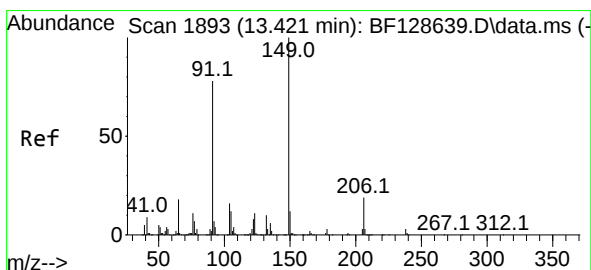
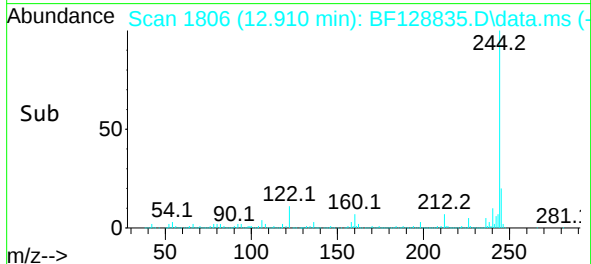
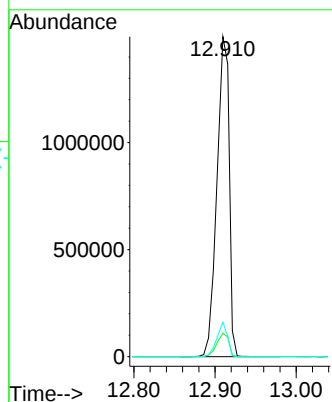
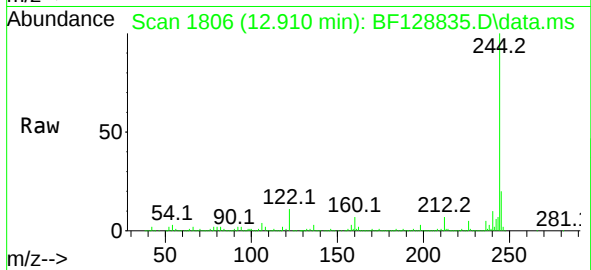
Tgt Ion:244 Resp: 1568369

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 10.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 45.884 ng

RT: 13.386 min Scan# 1887

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

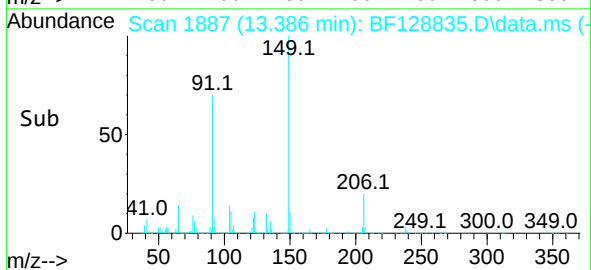
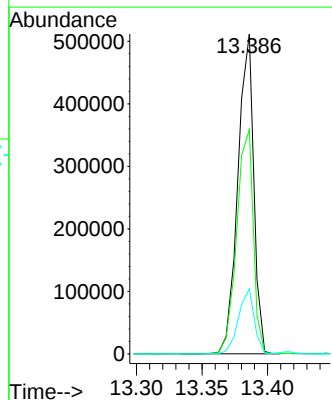
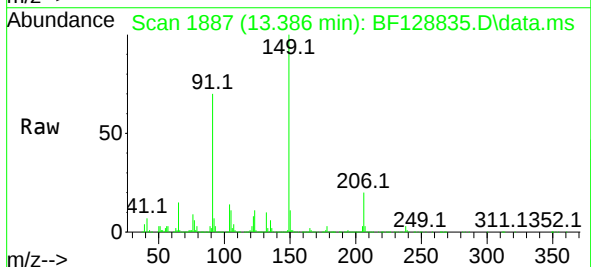
Tgt Ion:149 Resp: 433030

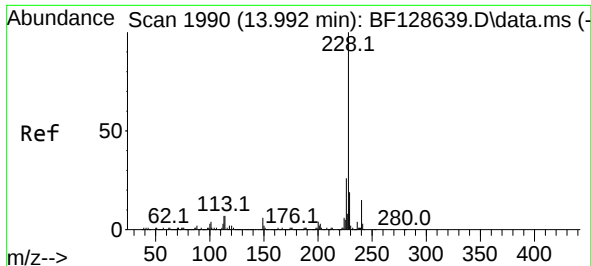
Ion Ratio Lower Upper

149 100

91 70.1 61.2 91.8

206 20.4 15.7 23.5

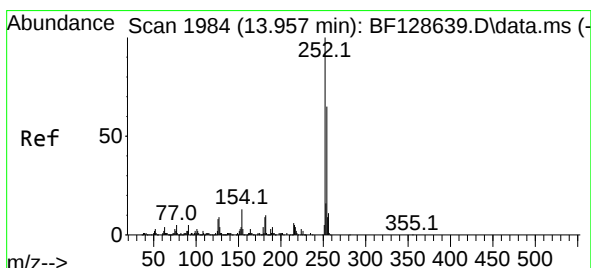
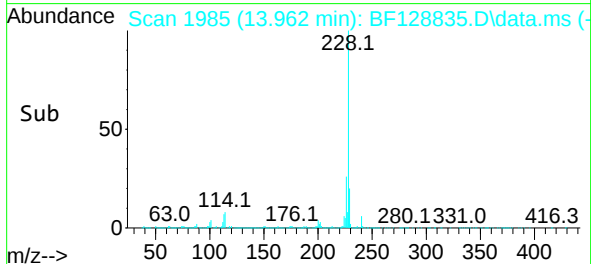
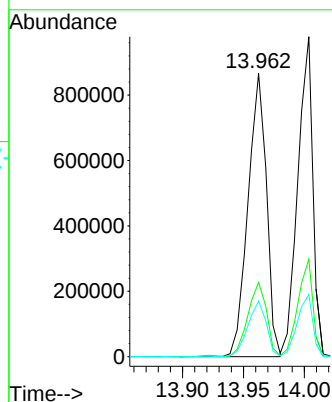
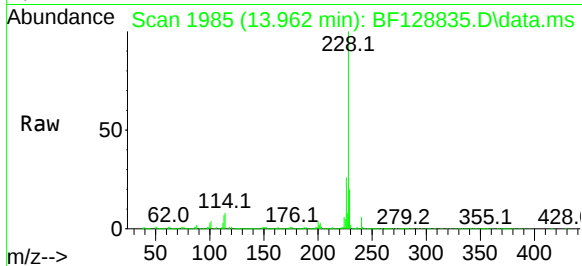




#81
Benzo(a)anthracene
Concen: 48.533 ng
RT: 13.962 min Scan# 1990
Delta R.T. 0.012 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

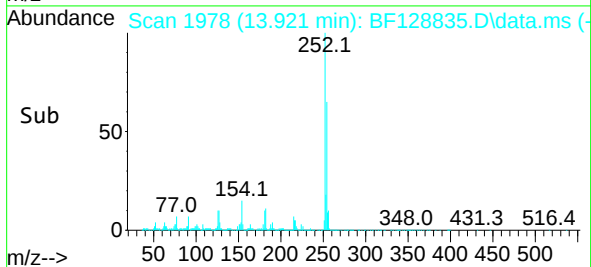
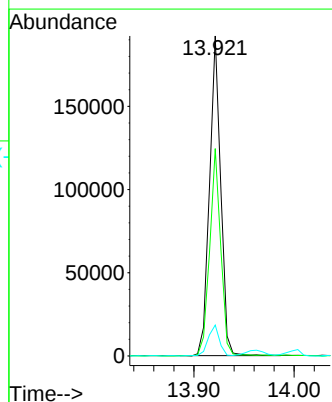
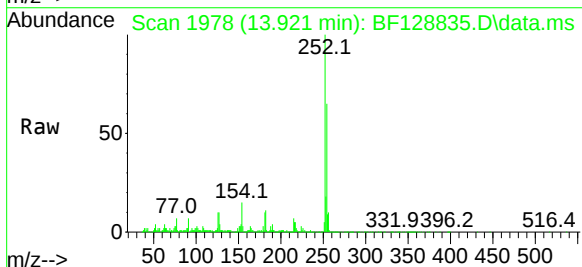
Instrument :
BNA_F
ClientSampleId :
PB145561BS

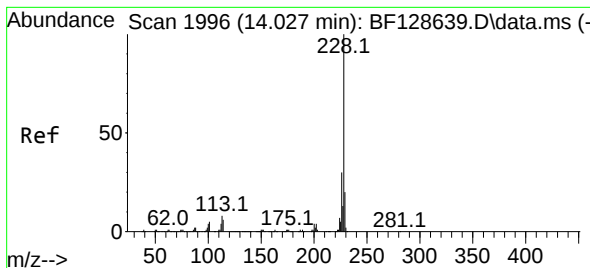
Tgt Ion:228 Resp: 913788
Ion Ratio Lower Upper
228 100
226 26.3 22.1 33.1
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 37.136 ng
RT: 13.921 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BF128835.D
Acq: 16 Jun 2022 12:54

Tgt Ion:252 Resp: 149587
Ion Ratio Lower Upper
252 100
254 64.8 50.2 75.4
126 9.7 8.2 12.4





#83

Chrysene

Concen: 46.642 ng

RT: 14.004 min Scan# 1996

Delta R.T. 0.012 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

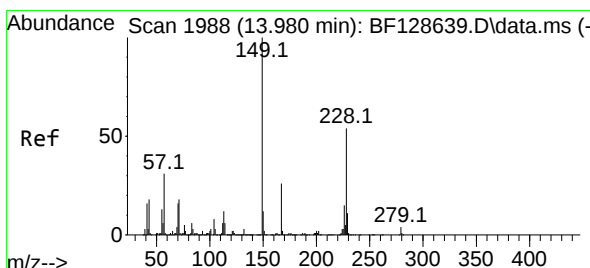
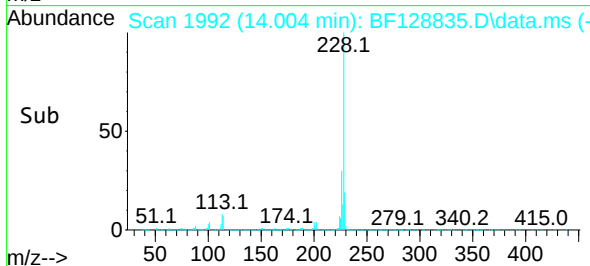
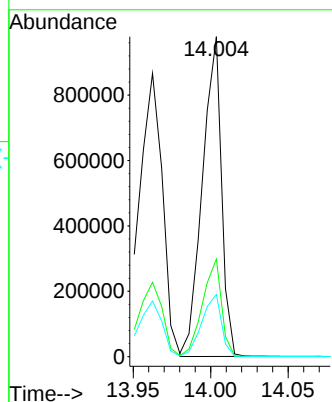
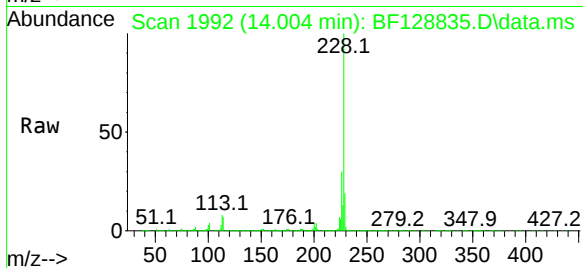
Tgt Ion:228 Resp: 837236

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.288 ng

RT: 13.939 min Scan# 1981

Delta R.T. -0.000 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

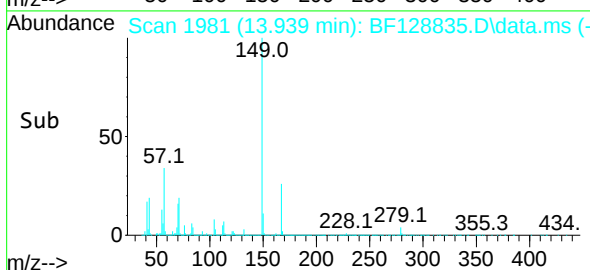
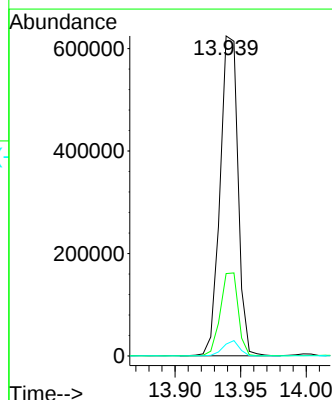
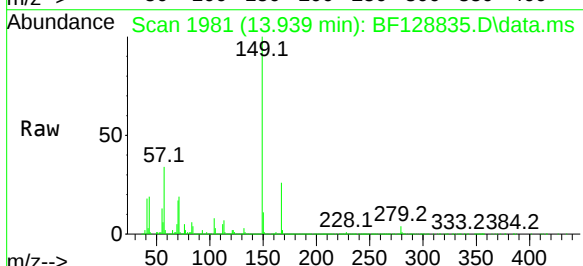
Tgt Ion:149 Resp: 592450

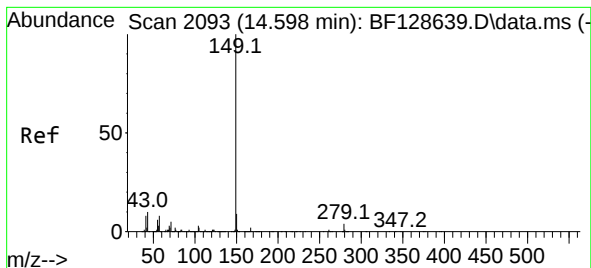
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

279 3.7 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 49.784 ng

RT: 14.557 min Scan# 2093

Delta R.T. 0.006 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

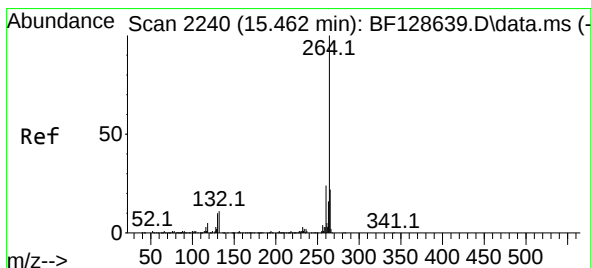
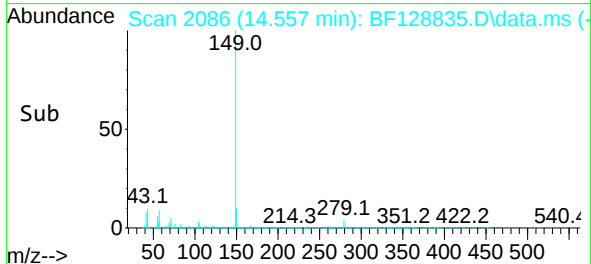
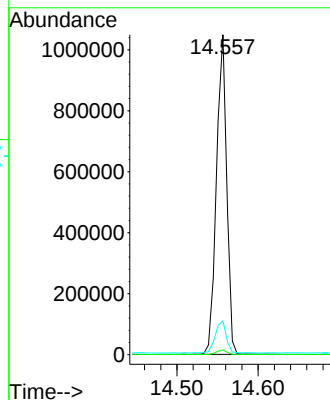
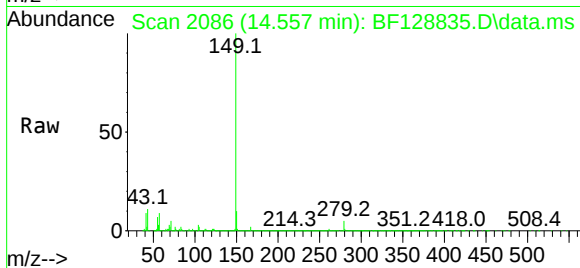
Tgt Ion:149 Resp: 919951

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.8 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.018 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

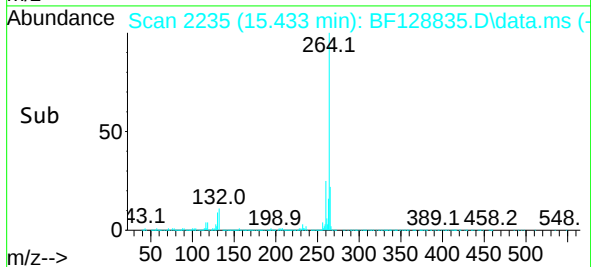
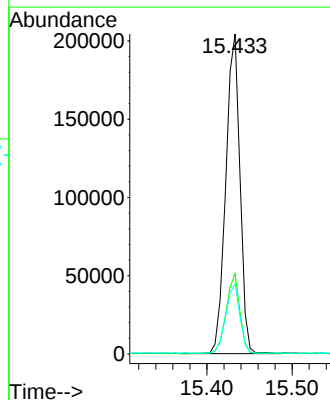
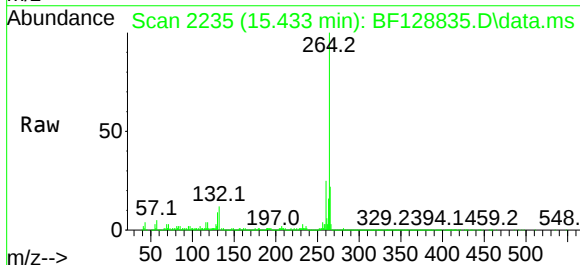
Tgt Ion:264 Resp: 236002

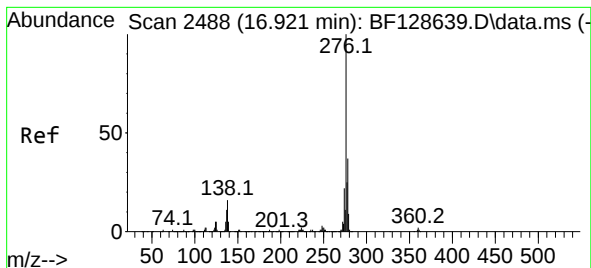
Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.354 ng

RT: 16.898 min Scan# 2488

Delta R.T. 0.035 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

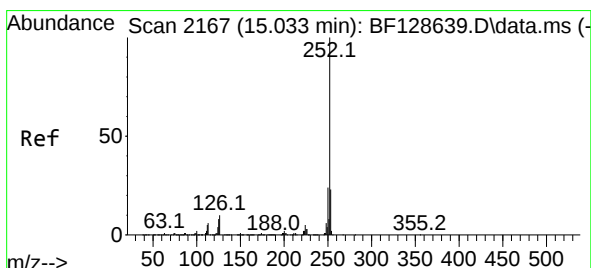
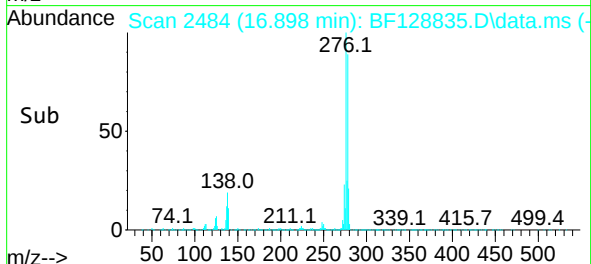
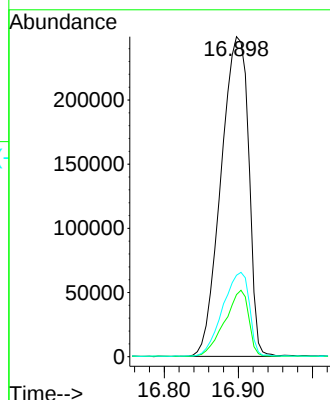
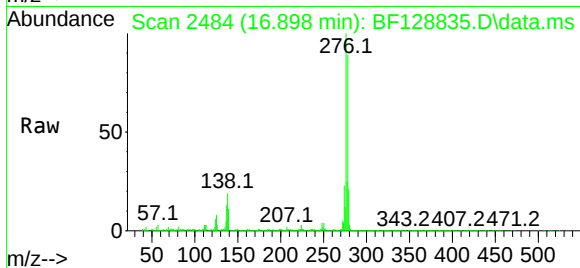
Tgt Ion:276 Resp: 645133

Ion Ratio Lower Upper

276 100

138 18.1 21.1 31.7#

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 53.363 ng

RT: 15.009 min Scan# 2163

Delta R.T. 0.018 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

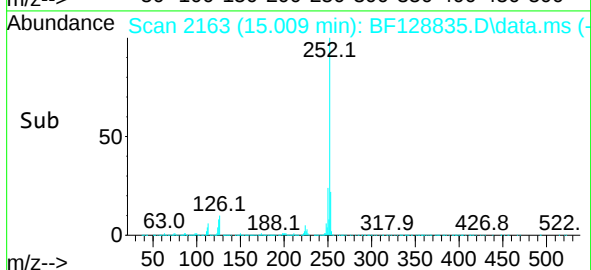
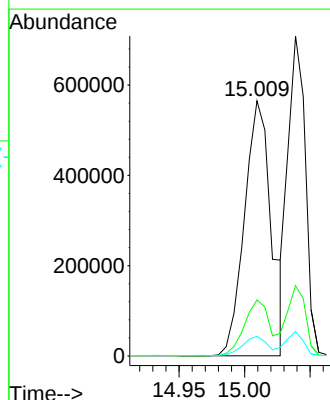
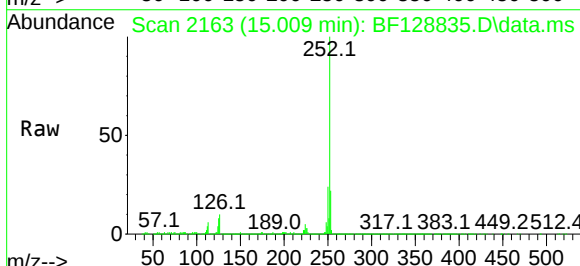
Tgt Ion:252 Resp: 804720

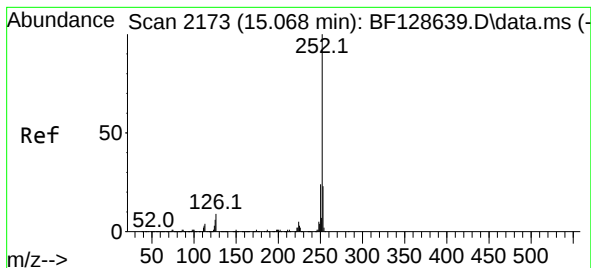
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 7.7 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 46.096 ng

RT: 15.039 min Scan# 2173

Delta R.T. 0.012 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

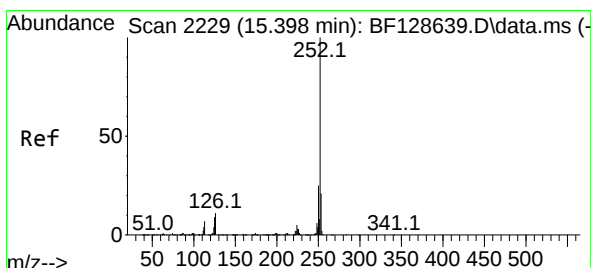
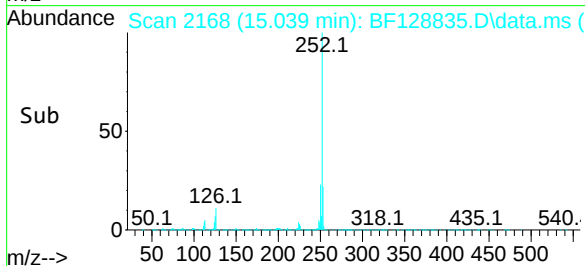
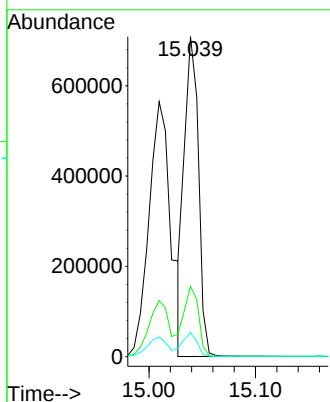
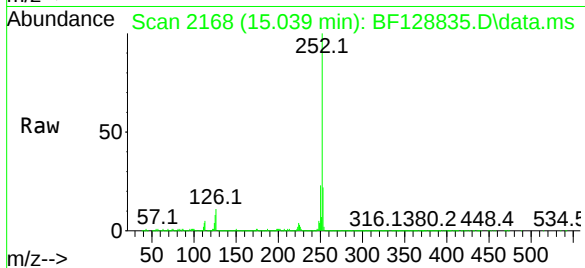
Tgt Ion:252 Resp: 653911

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.6 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 55.325 ng

RT: 15.374 min Scan# 2225

Delta R.T. 0.018 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

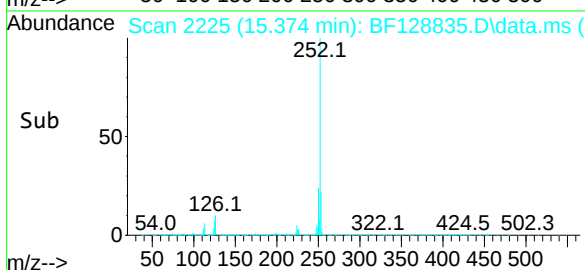
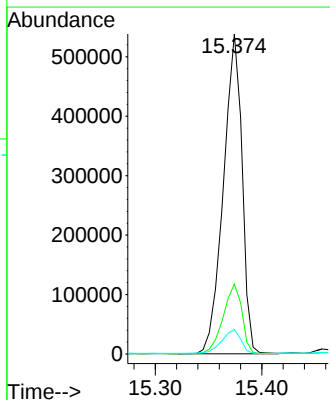
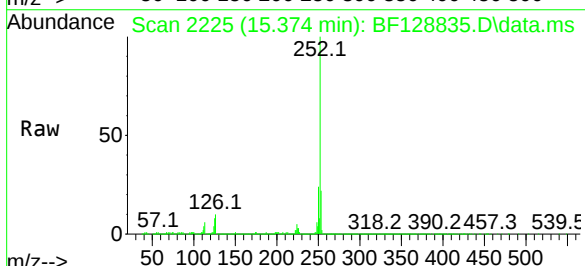
Tgt Ion:252 Resp: 655735

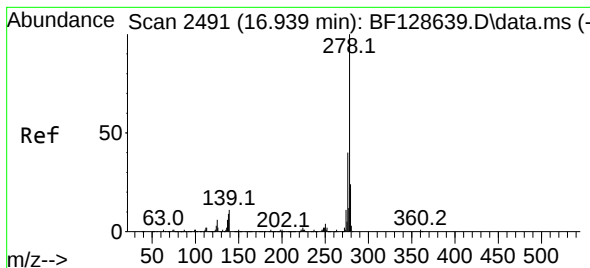
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 7.6 8.8 13.2#





#91

Dibenzo(a,h)anthracene

Concen: 47.828 ng

RT: 16.909 min Scan# 24

Delta R.T. 0.035 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Instrument :

BNA_F

ClientSampleId :

PB145561BS

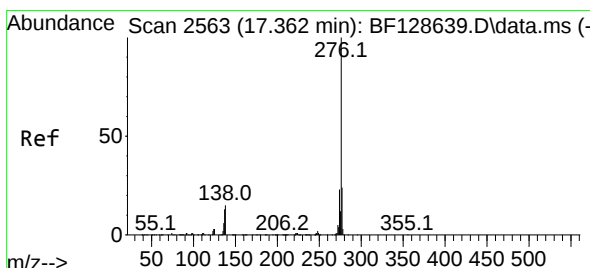
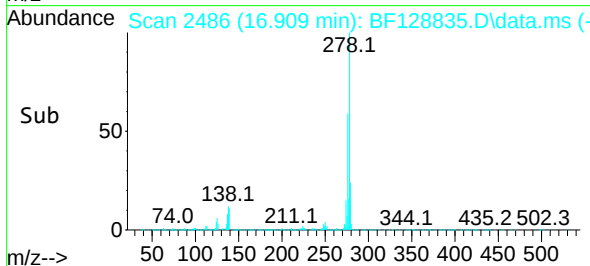
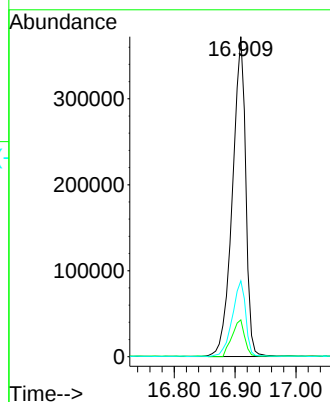
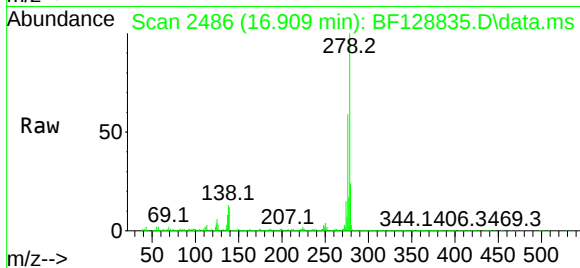
Tgt Ion:278 Resp: 564318

Ion Ratio Lower Upper

278 100

139 11.5 12.8 19.2#

279 23.7 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 46.392 ng

RT: 17.339 min Scan# 2559

Delta R.T. 0.041 min

Lab File: BF128835.D

Acq: 16 Jun 2022 12:54

Tgt Ion:276 Resp: 542491

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 13.8 18.0 27.0#

