

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128719.D
 Acq On : 07 Jun 2022 16:47
 Operator : CG\JU
 Sample : N3209-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-1-GR

Quant Time: Jun 08 00:26:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

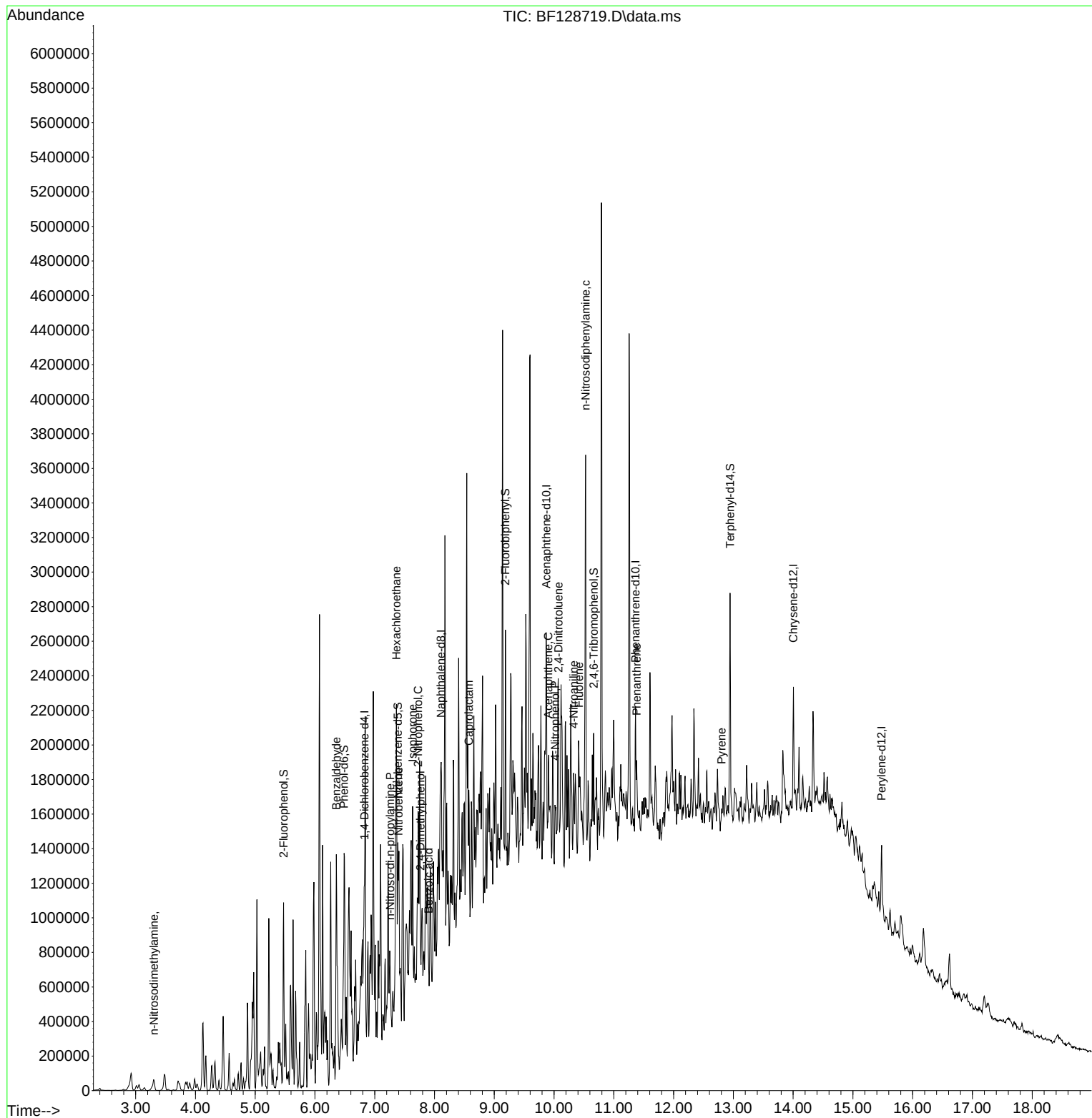
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	66958	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	228822	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	109933	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	166493	20.000	ng	0.00
76) Chrysene-d12	14.004	240	169871	20.000	ng	0.00
86) Perylene-d12	15.480	264	174029	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	265147	63.075	ng	0.00
7) Phenol-d6	6.487	99	301757	58.807	ng	-0.01
23) Nitrobenzene-d5	7.387	82	228608	46.515	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	54833	42.215	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	357842	45.597	ng	0.00
79) Terphenyl-d14	12.945	244	344933	35.284	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.305	42	9562	3.326	ng	# 1
9) Benzaldehyde	6.357	77	14261	4.562	ng	# 19
18) Hexachloroethane	7.363	117	53149	28.445	ng	# 1
19) n-Nitroso-di-n-propyla...	7.257	70	26042	8.162	ng	# 65
24) Nitrobenzene	7.398	77	14467	3.206	ng	# 49
25) Isophorone	7.634	82	44265	5.930	ng	# 1
26) 2-Nitrophenol	7.728	139	4628	2.328	ng	# 1
27) 2,4-Dimethylphenol	7.763	122	6187	2.043	ng	# 1
32) Benzoic acid	7.898	122	6593	3.069	ng	# 1
35) Caprolactam	8.575	113	9348	9.645	ng	# 1
52) Acenaphthene	9.904	154	13660	2.177	ng	# 56
56) 4-Nitrophenol	10.016	139	3065	2.623	ng	# 1
57) 2,4-Dinitrotoluene	10.075	165	7936	4.004	ng	# 60
58) Fluorene	10.416	166	30813	4.406	ng	# 76
62) 4-Nitroaniline	10.328	138	3315	2.031	ng	# 98
66) n-Nitrosodiphenylamine	10.528	169	84099	16.434	ng	# 46
71) Phenanthrene	11.381	178	89774	10.750	ng	# 93
78) Pyrene	12.804	202	28644	2.266	ng	# 89

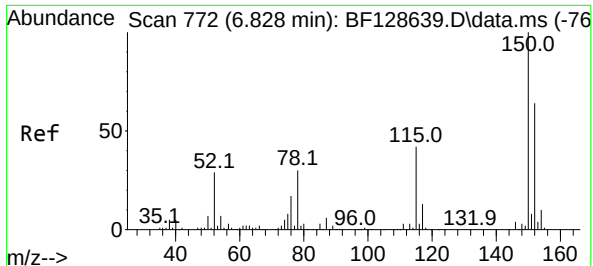
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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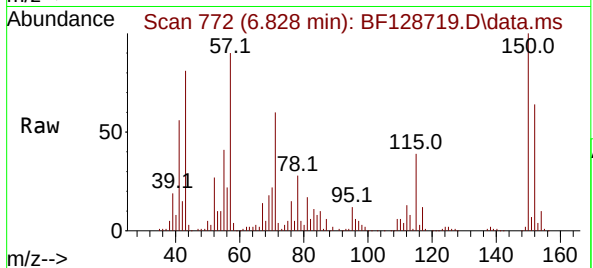
Quant Time: Jun 08 00:26:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
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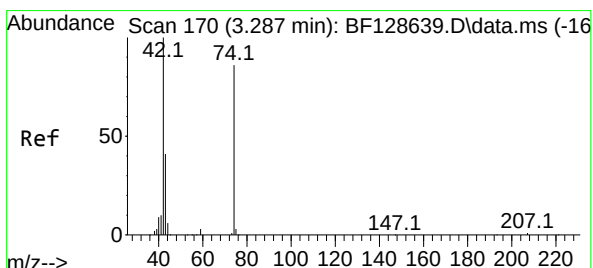
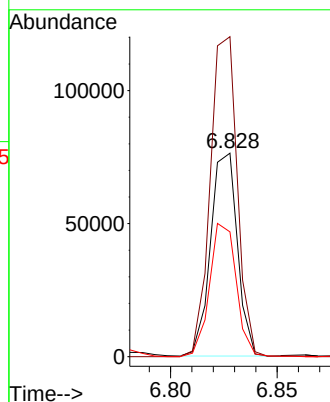
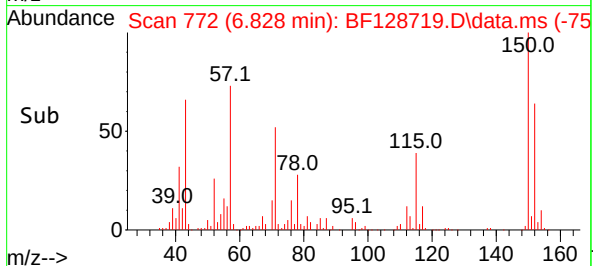


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

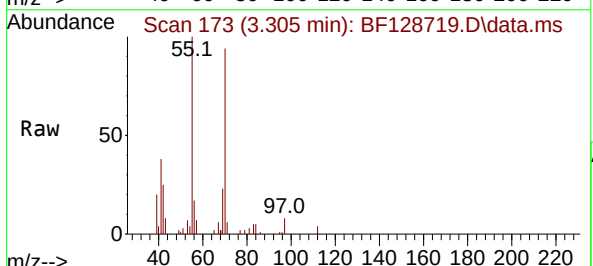
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR



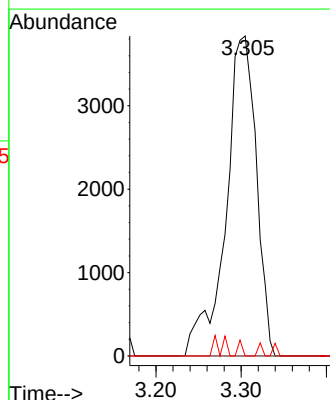
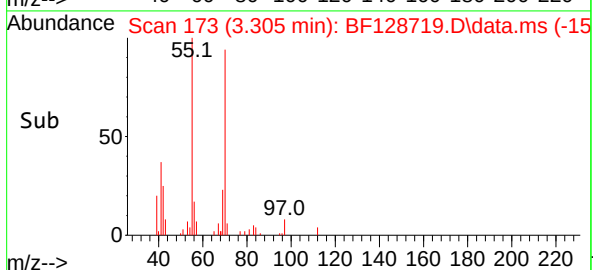
Tgt Ion:152 Resp: 66958
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 61.3 49.9 74.9

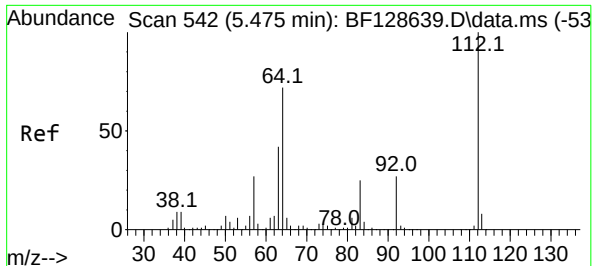


#4
n-Nitrosodimethylamine
Concen: 3.326 ng
RT: 3.305 min Scan# 173
Delta R.T. 0.018 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47



Tgt Ion: 42 Resp: 9562
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 0.0 6.6 10.0#

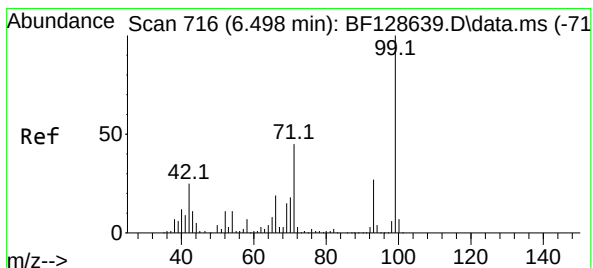
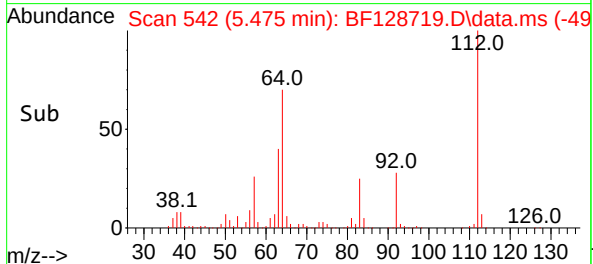
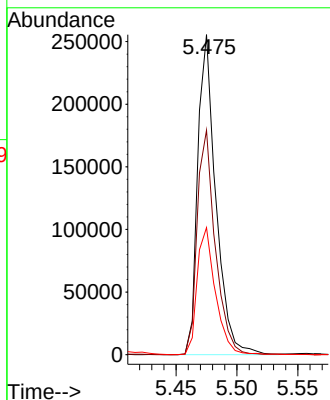
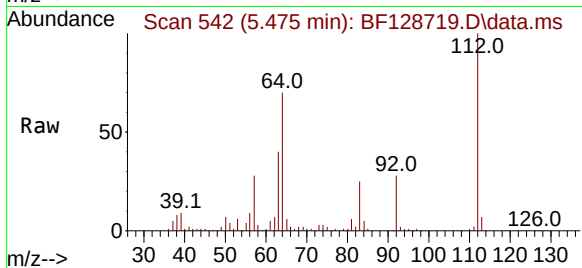




#5
2-Fluorophenol
Concen: 63.075 ng
RT: 5.475 min Scan# 54
Delta R.T. 0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

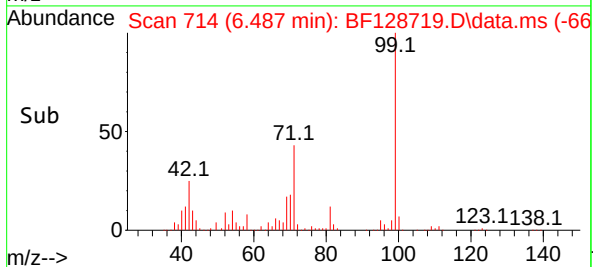
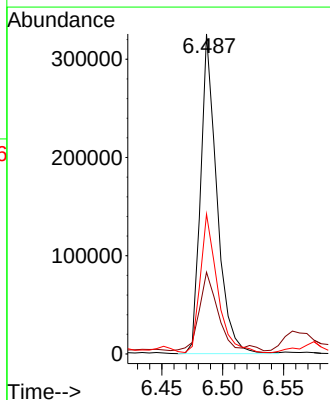
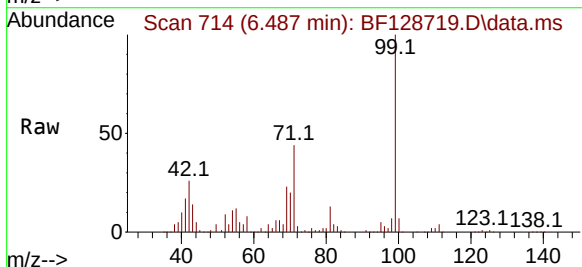
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

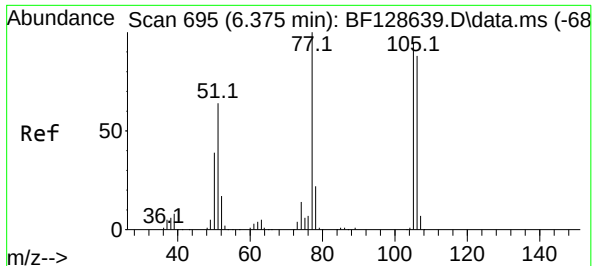
Tgt Ion:112 Resp: 265147
Ion Ratio Lower Upper
112 100
64 70.2 53.3 79.9
63 39.7 28.0 42.0



#7
Phenol-d6
Concen: 58.807 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.011 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion: 99 Resp: 301757
Ion Ratio Lower Upper
99 100
42 25.5 17.3 25.9
71 43.7 28.9 43.3#

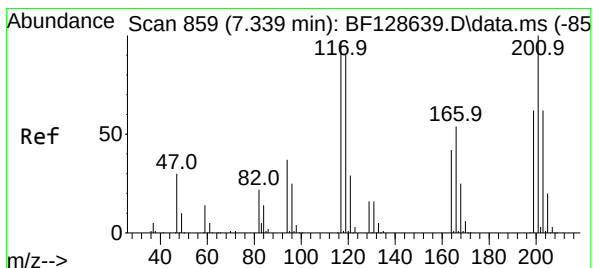
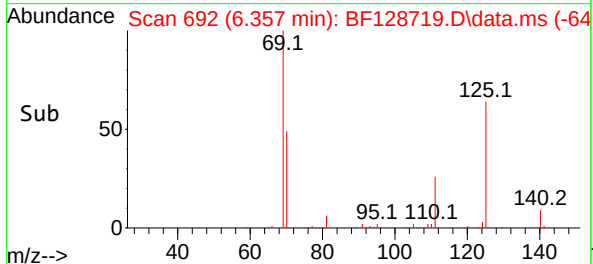
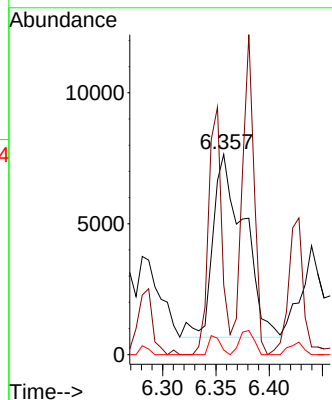
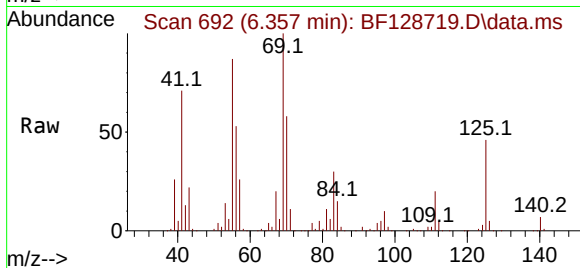




#9
Benzaldehyde
Concen: 4.562 ng
RT: 6.357 min Scan# 695
Delta R.T. -0.017 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

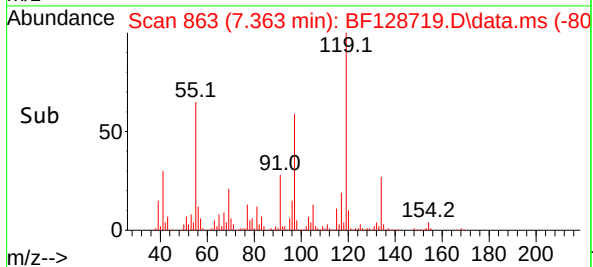
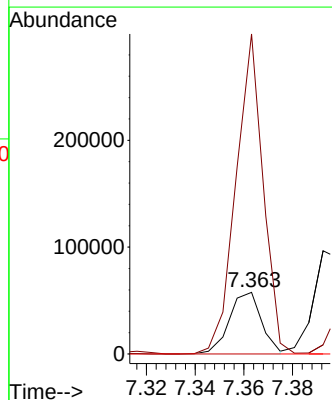
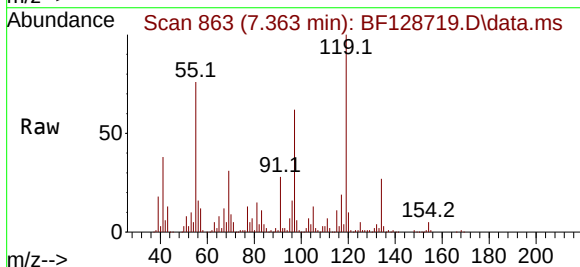
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

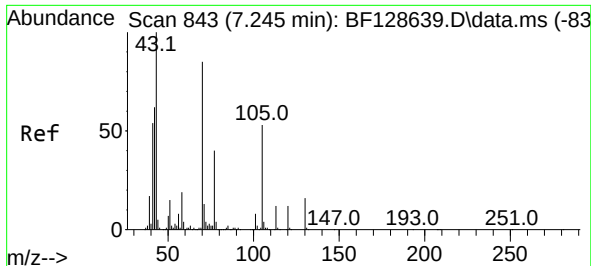
Tgt Ion: 77 Resp: 14261
Ion Ratio Lower Upper
77 100
105 34.9 81.6 121.6#
106 2.3 76.1 116.1#



#18
Hexachloroethane
Concen: 28.445 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.024 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion: 117 Resp: 53149
Ion Ratio Lower Upper
117 100
119 518.9 77.4 116.2#
201 0.0 84.6 127.0#



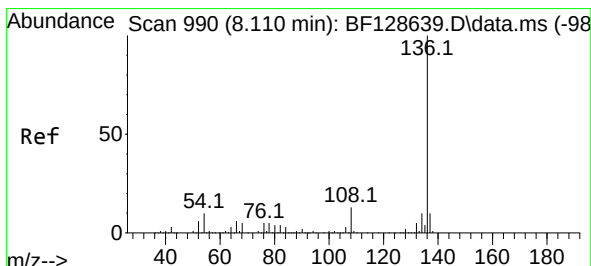
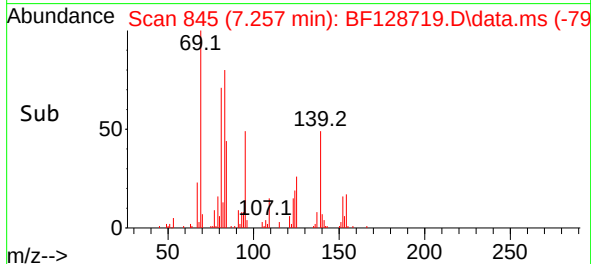
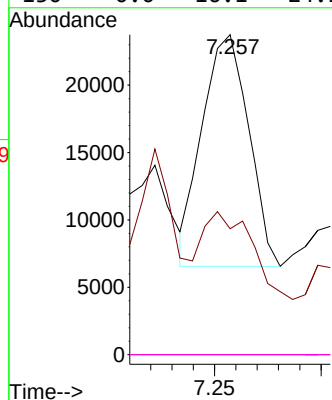
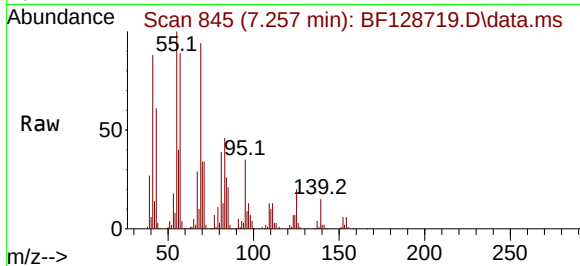


#19
n-Nitroso-di-n-propylamine
Concen: 8.162 ng
RT: 7.257 min Scan# 843
Delta R.T. 0.012 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

Tgt Ion: 70 Resp: 26042

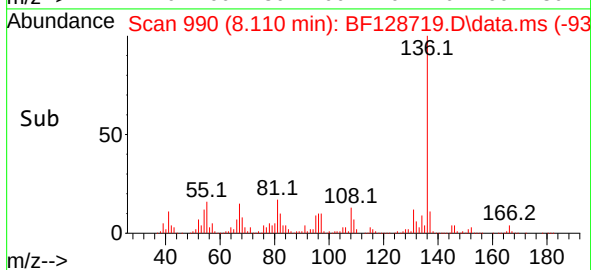
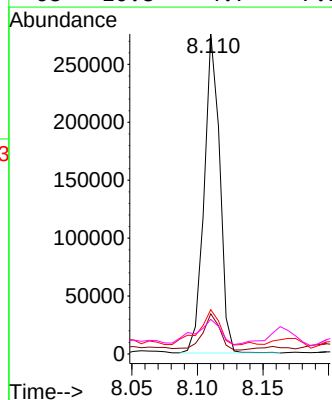
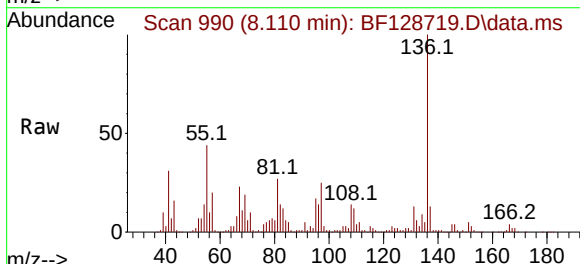
Ion	Ratio	Lower	Upper
70	100		
42	39.3	52.3	78.5#
101	0.0	7.5	11.3#
130	0.0	16.1	24.1#

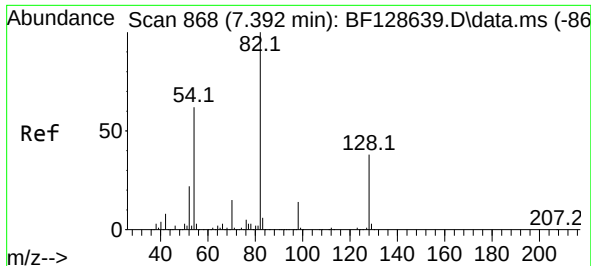


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion: 136 Resp: 228822

Ion	Ratio	Lower	Upper
136	100		
137	12.6	8.8	13.2
54	13.8	7.5	11.3#
68	10.8	4.7	7.1#





#23

Nitrobenzene-d5

Concen: 46.515 ng

RT: 7.387 min Scan# 867

Delta R.T. -0.005 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR

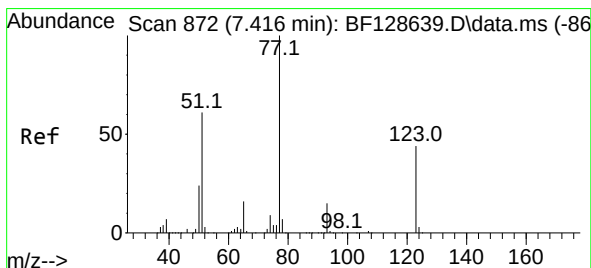
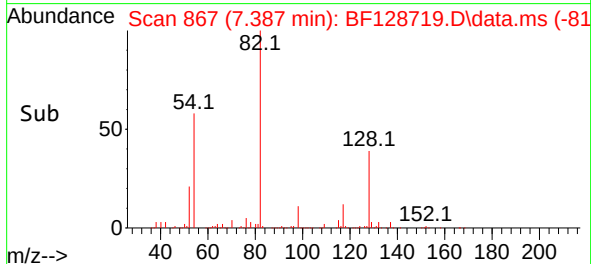
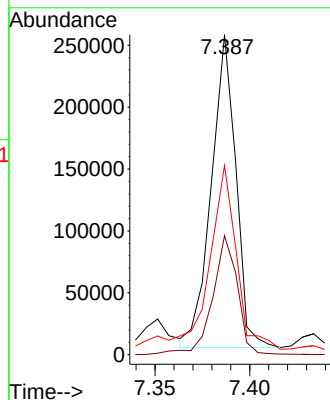
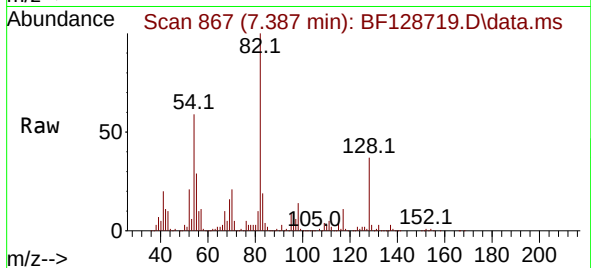
Tgt Ion: 82 Resp: 228608

Ion Ratio Lower Upper

82 100

128 37.2 34.0 51.0

54 59.1 46.9 70.3



#24

Nitrobenzene

Concen: 3.206 ng

RT: 7.398 min Scan# 869

Delta R.T. -0.017 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

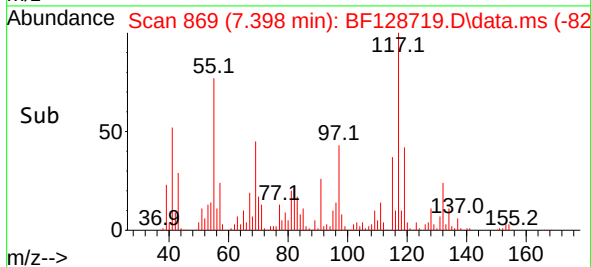
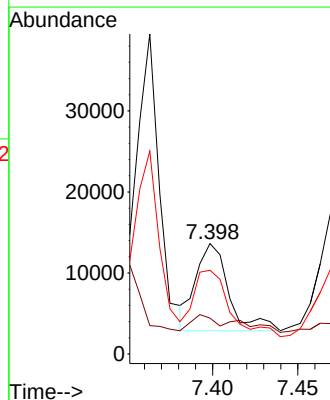
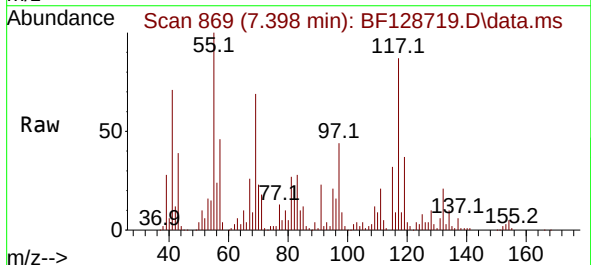
Tgt Ion: 77 Resp: 14467

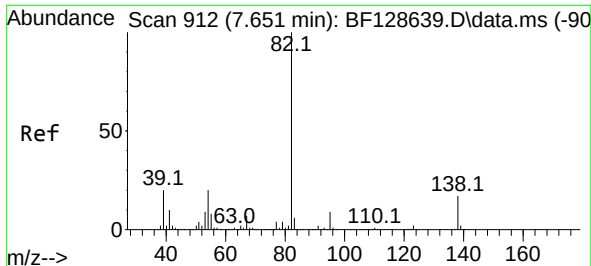
Ion Ratio Lower Upper

77 100

123 32.4 35.4 53.2#

65 75.7 11.8 17.8#

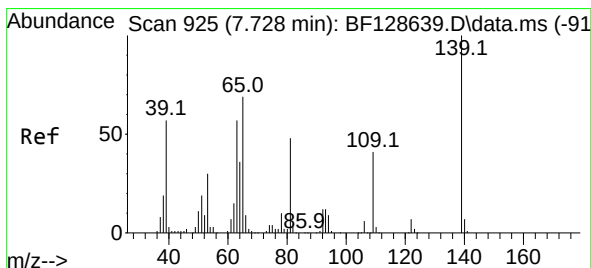
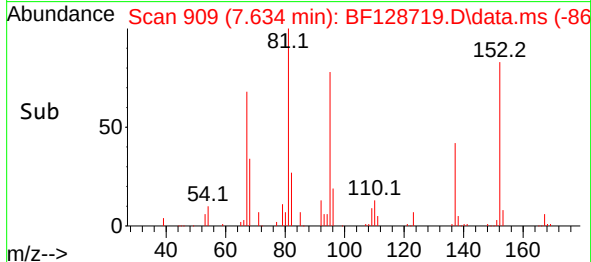
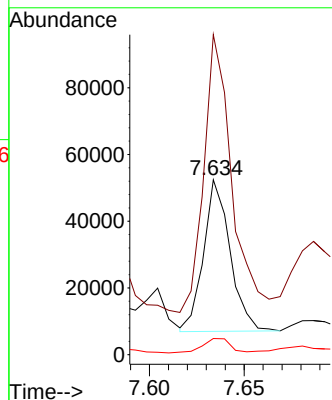
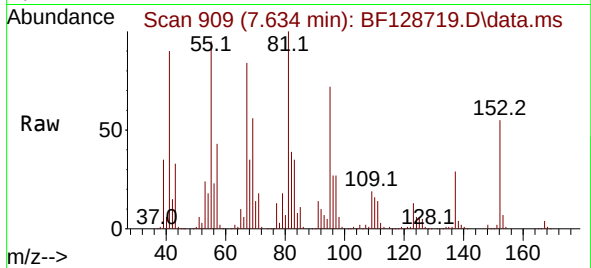




#25
Isophorone
Concen: 5.930 ng
RT: 7.634 min Scan# 909
Delta R.T. -0.017 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

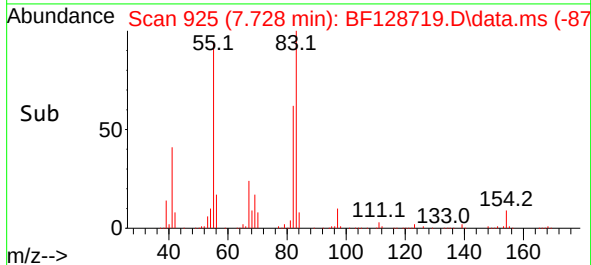
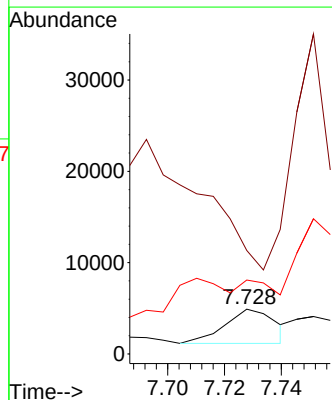
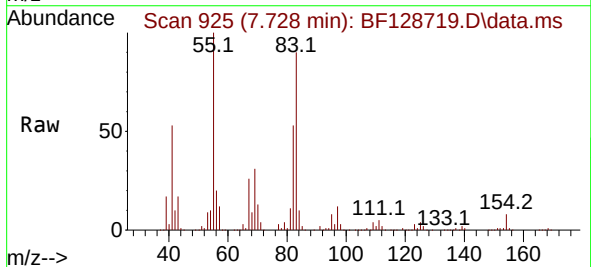
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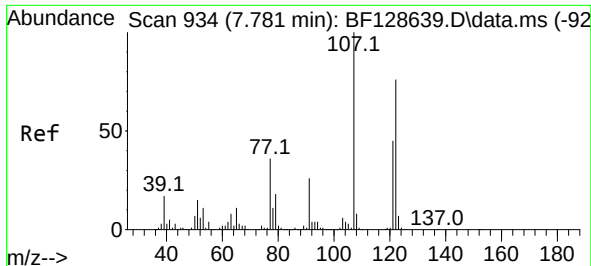
Tgt Ion: 82 Resp: 44265
Ion Ratio Lower Upper
82 100
95 182.9 5.7 8.5#
138 9.3 14.2 21.2#



#26
2-Nitrophenol
Concen: 2.328 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion: 139 Resp: 4628
Ion Ratio Lower Upper
139 100
109 230.7 25.0 37.4#
65 165.0 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 2.043 ng

RT: 7.763 min Scan# 91

Delta R.T. -0.017 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR

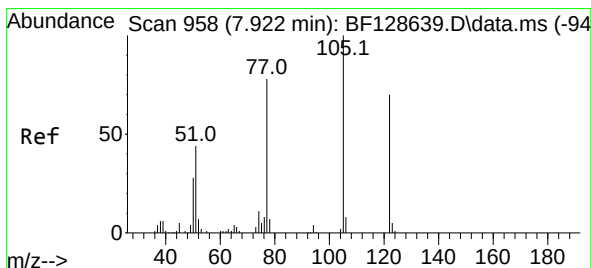
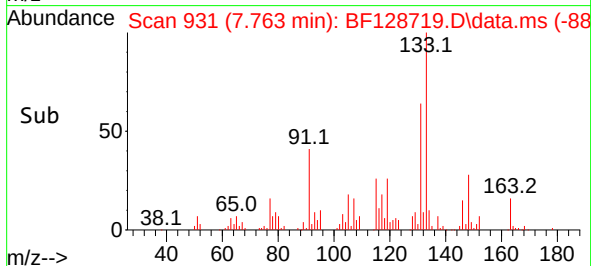
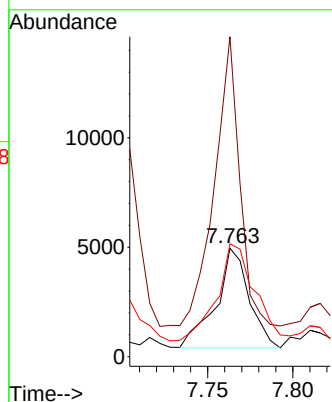
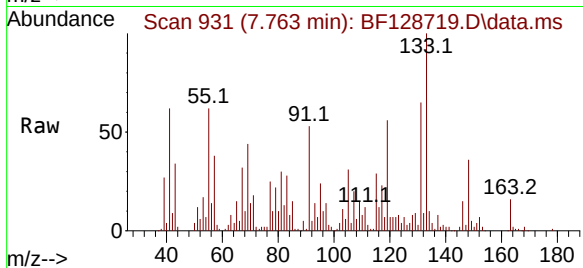
Tgt Ion:122 Resp: 6187

Ion Ratio Lower Upper

122 100

107 294.8 93.0 139.6#

121 104.0 46.6 70.0#



#32

Benzoic acid

Concen: 3.069 ng

RT: 7.898 min Scan# 954

Delta R.T. -0.023 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

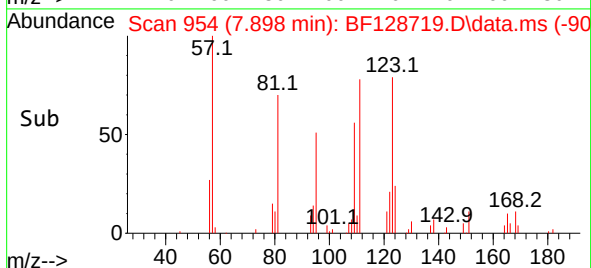
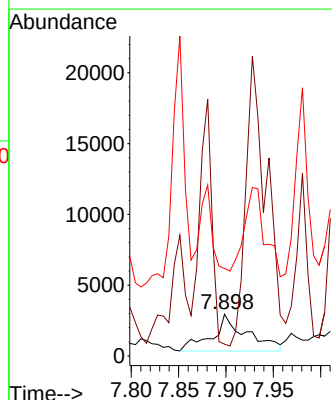
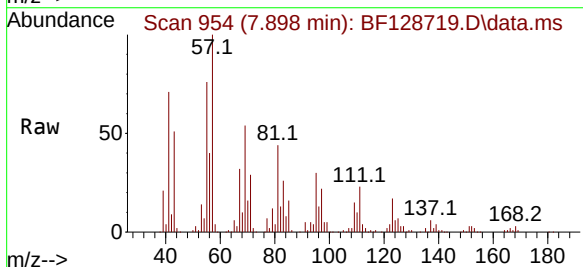
Tgt Ion:122 Resp: 6593

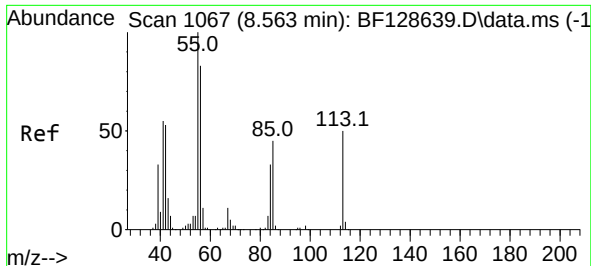
Ion Ratio Lower Upper

122 100

105 28.5 107.1 147.1#

77 209.2 74.2 114.2#

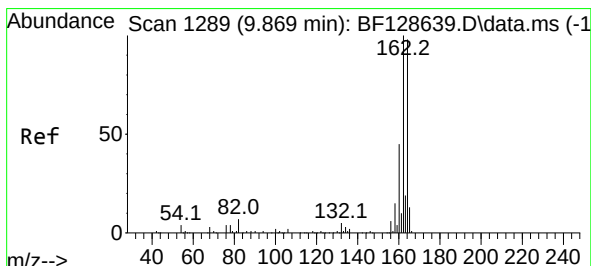
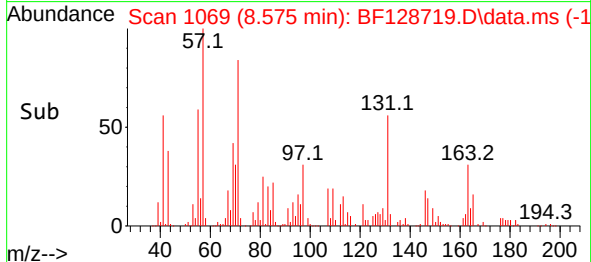
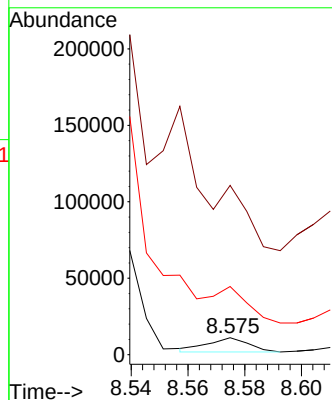
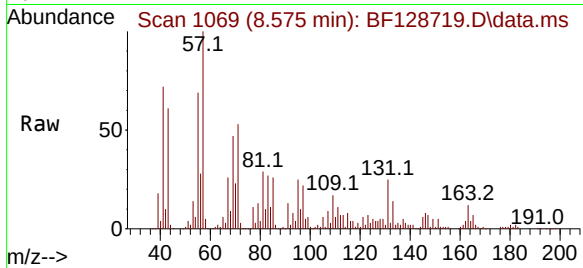




#35
Caprolactam
Concen: 9.645 ng
RT: 8.575 min Scan# 1069
Delta R.T. 0.012 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

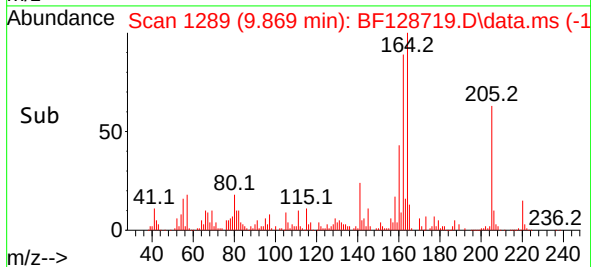
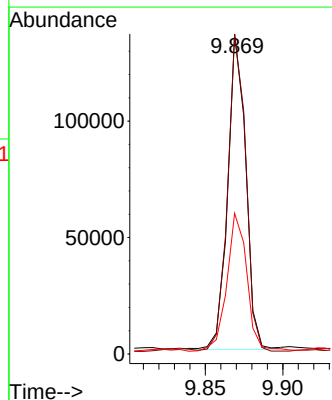
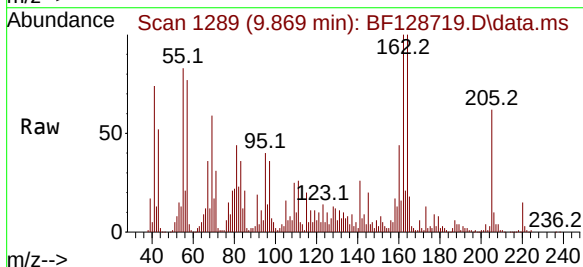
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

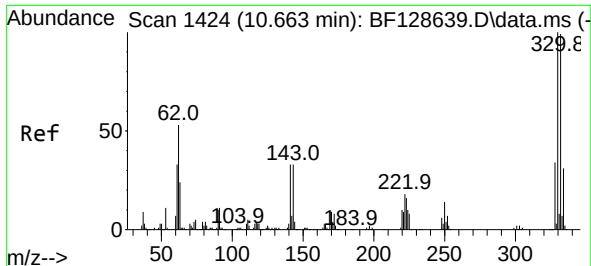
Tgt Ion:113 Resp: 9348
Ion Ratio Lower Upper
113 100
55 996.0 188.5 228.5#
56 400.8 130.6 170.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion:164 Resp: 109933
Ion Ratio Lower Upper
164 100
162 99.9 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 42.215 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128719.D

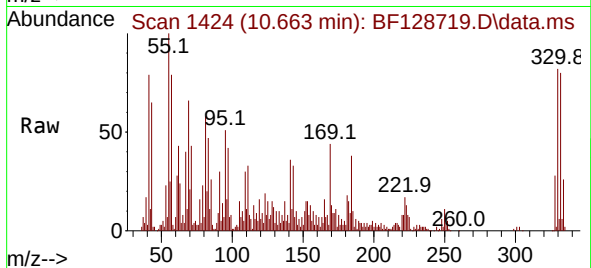
Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR



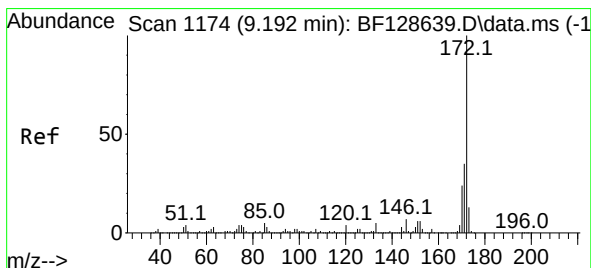
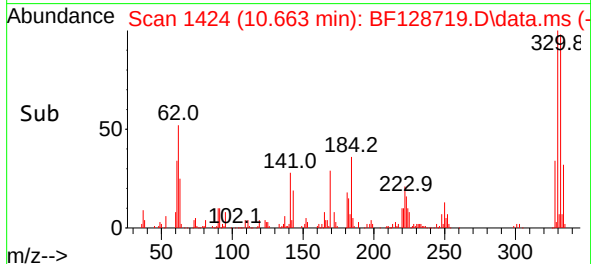
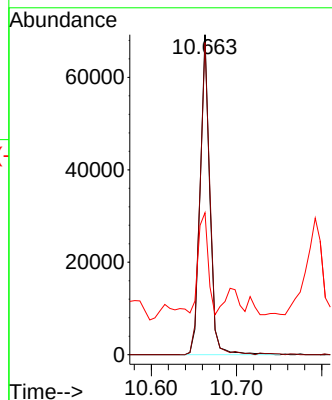
Tgt Ion:330 Resp: 54833

Ion Ratio Lower Upper

330 100

332 100.0 76.8 115.2

141 32.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 45.597 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

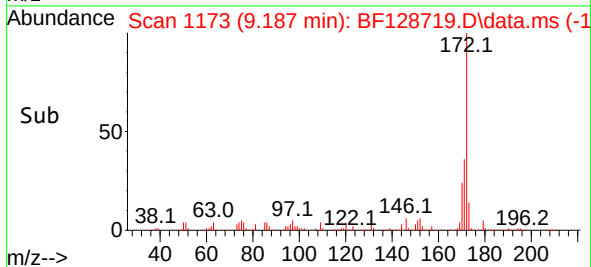
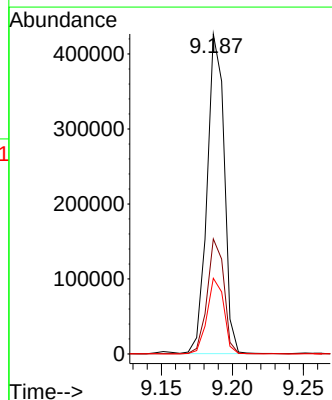
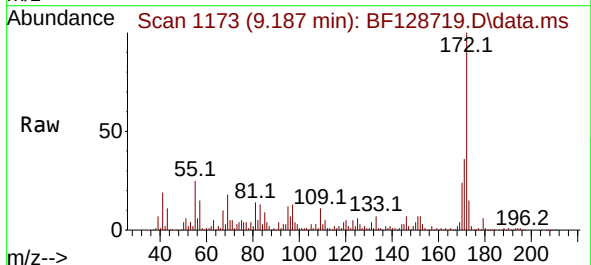
Tgt Ion:172 Resp: 357842

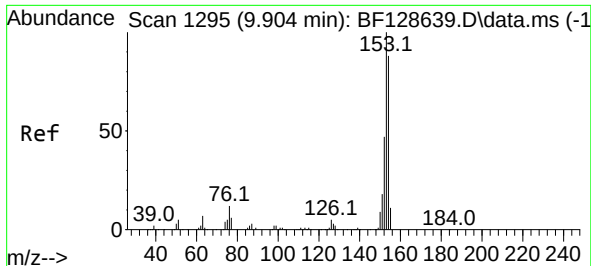
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

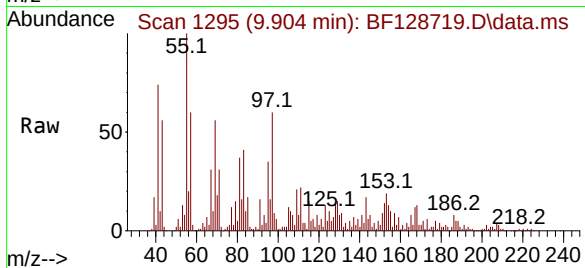
170 23.6 19.8 29.8



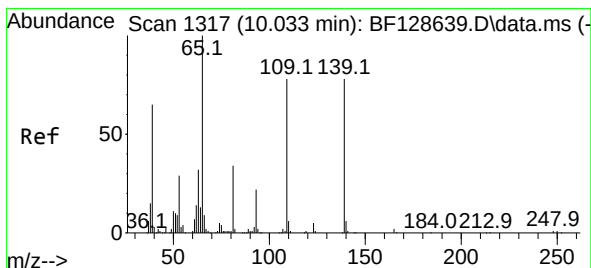
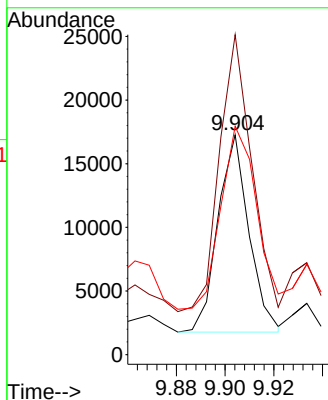
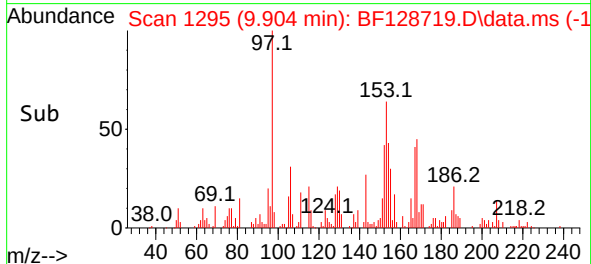


#52
Acenaphthene
Concen: 2.177 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

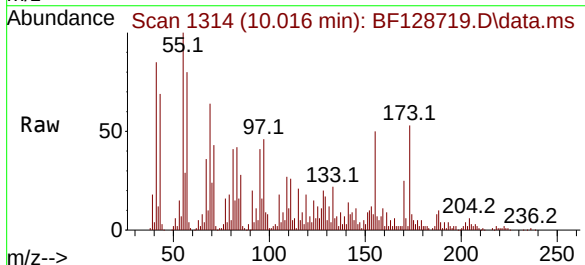
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR



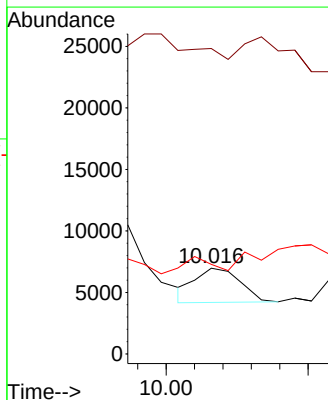
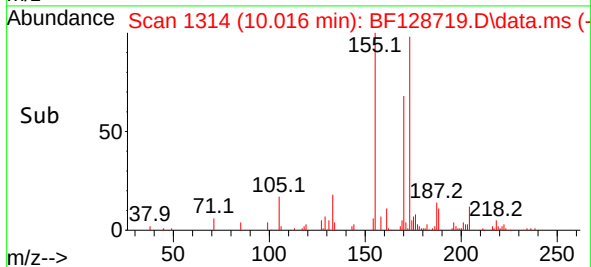
Tgt Ion:154 Resp: 13660
Ion Ratio Lower Upper
154 100
153 145.5 89.6 134.4#
152 103.9 42.4 63.6#

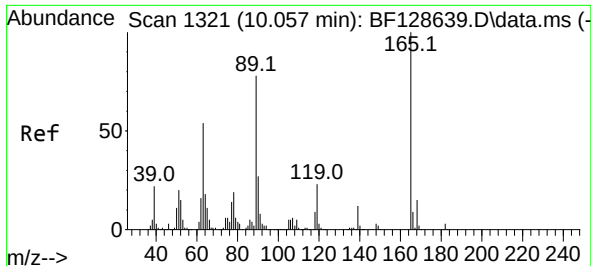


#56
4-Nitrophenol
Concen: 2.623 ng
RT: 10.016 min Scan# 1314
Delta R.T. -0.017 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47



Tgt Ion:139 Resp: 3065
Ion Ratio Lower Upper
139 100
109 356.3 50.7 90.7#
65 104.4 74.5 114.5

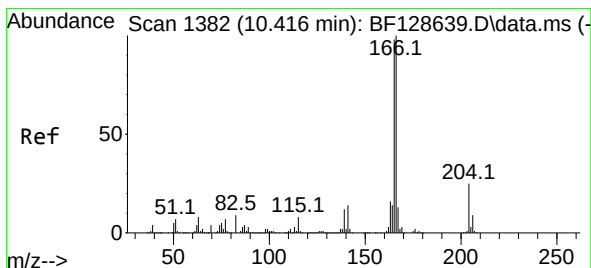
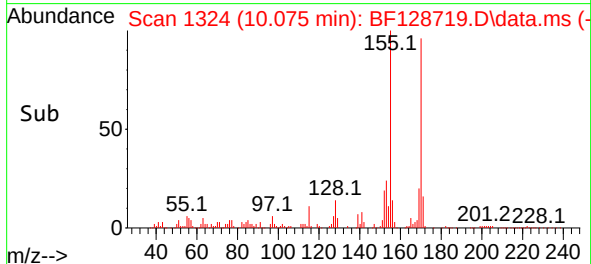
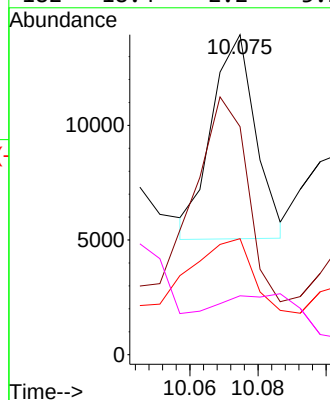
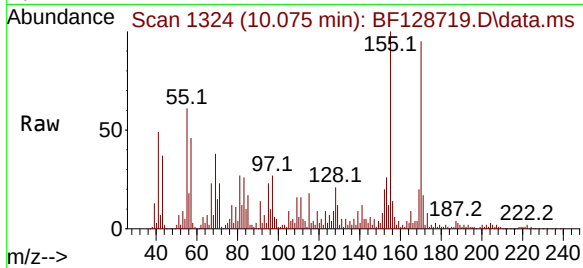




#57
2,4-Dinitrotoluene
Concen: 4.004 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.018 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

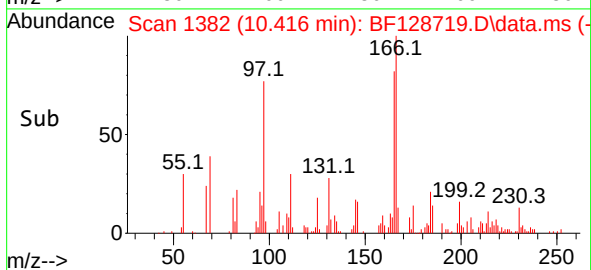
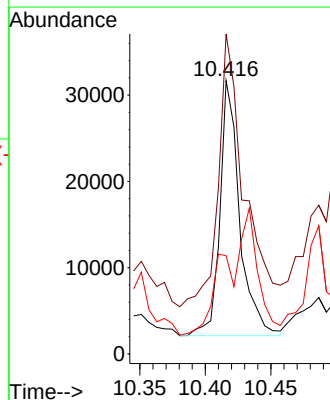
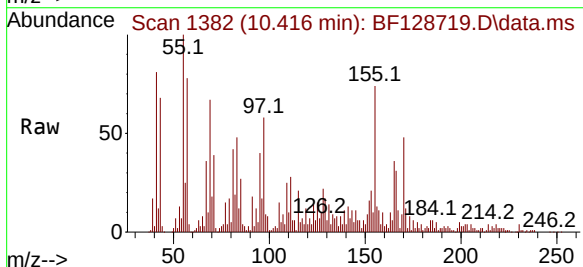
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

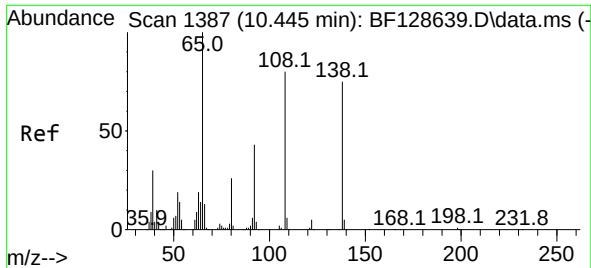
Tgt Ion:165 Resp: 7936
Ion Ratio Lower Upper
165 100
63 71.3 39.8 59.6#
89 36.2 60.2 90.2#
182 18.4 2.2 3.2#



#58
Fluorene
Concen: 4.406 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion:166 Resp: 30813
Ion Ratio Lower Upper
166 100
165 117.1 78.1 117.1
167 36.0 10.5 15.7#

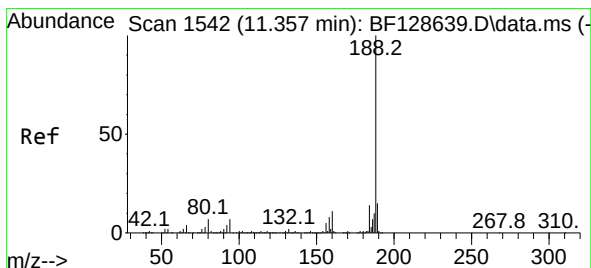
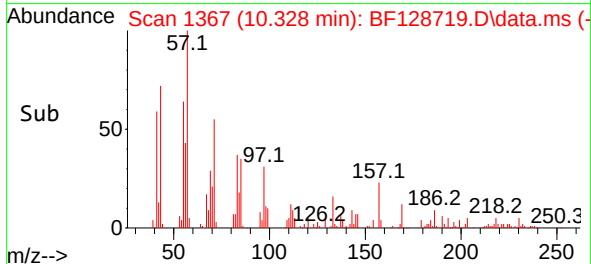
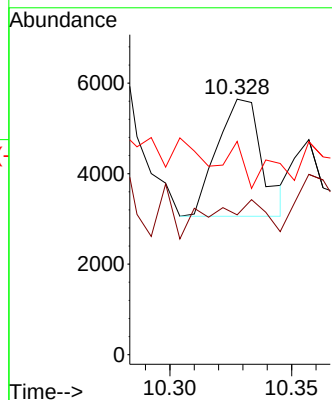
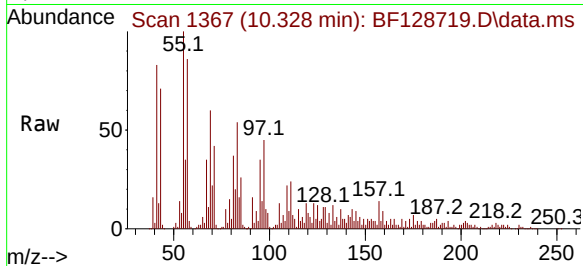




#62
4-Nitroaniline
Concen: 2.031 ng
RT: 10.328 min Scan# 11
Delta R.T. -0.117 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

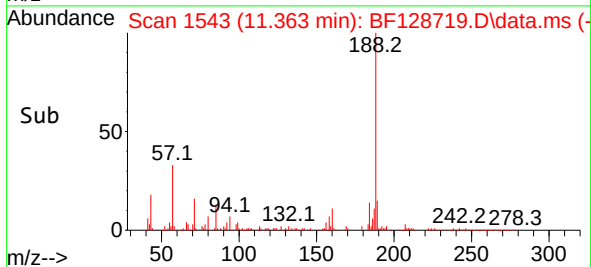
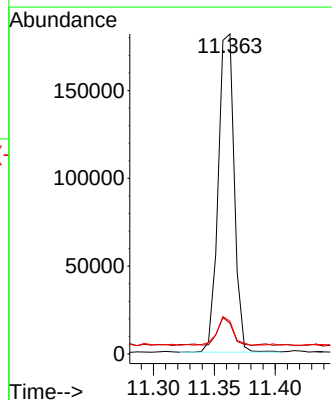
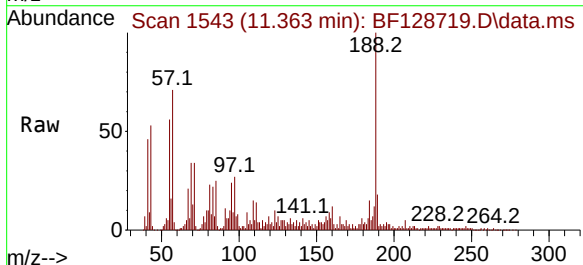
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

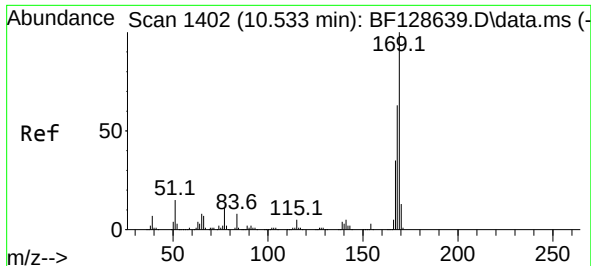
Tgt Ion:138 Resp: 3315
Ion Ratio Lower Upper
138 100
92 54.7 33.5 73.5
108 83.4 61.0 101.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.006 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion:188 Resp: 166493
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.2 7.6 11.4

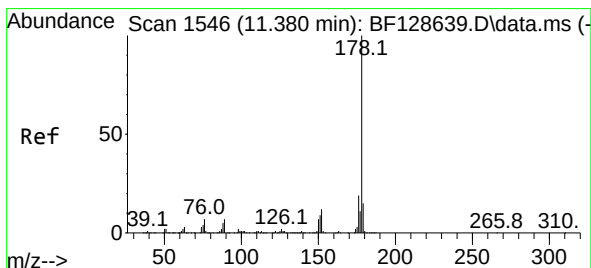
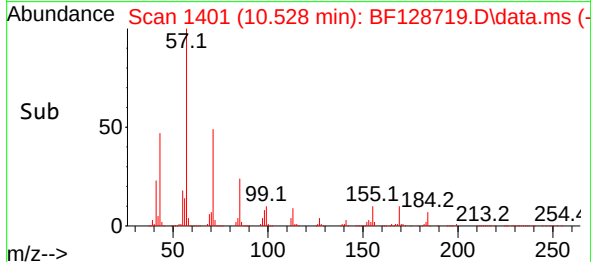
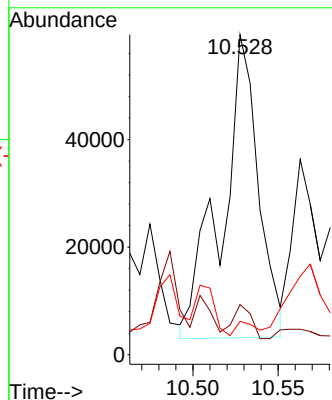
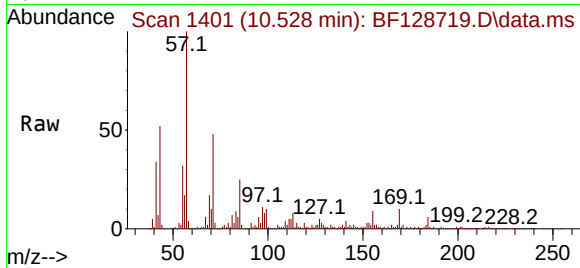




#66
n-Nitrosodiphenylamine
Concen: 16.434 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

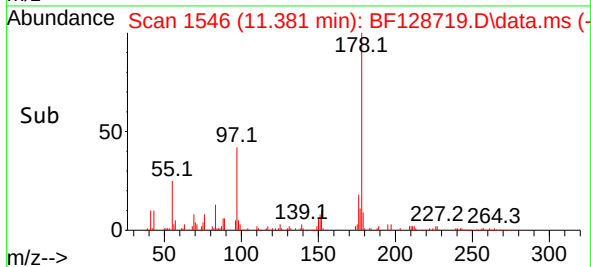
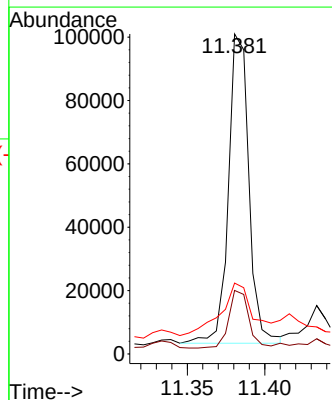
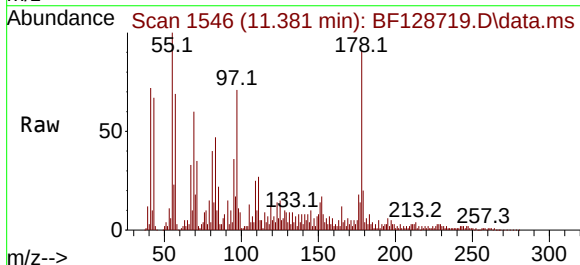
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

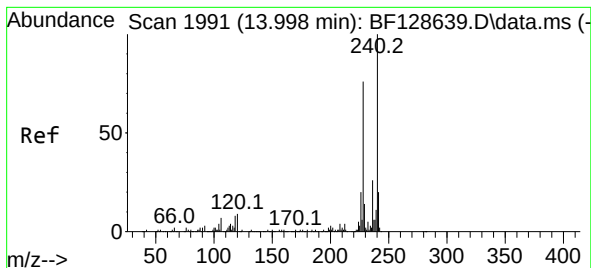
Tgt Ion:169 Resp: 84099
Ion Ratio Lower Upper
169 100
168 15.7 50.1 75.1#
167 10.4 27.9 41.9#



#71
Phenanthrene
Concen: 10.750 ng
RT: 11.381 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

Tgt Ion:178 Resp: 89774
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 22.1 12.6 19.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR

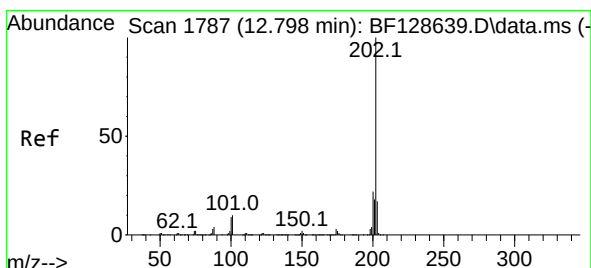
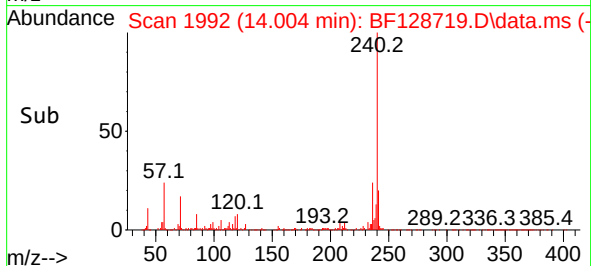
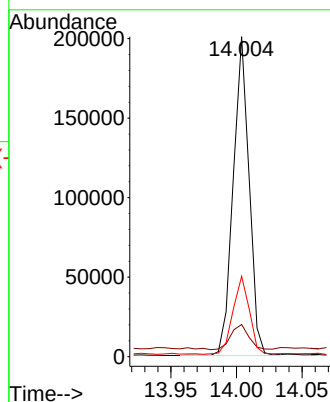
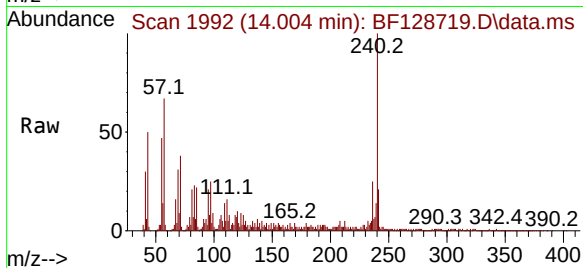
Tgt Ion:240 Resp: 169871

Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.1 20.8 31.2



#78

Pyrene

Concen: 2.266 ng

RT: 12.804 min Scan# 1788

Delta R.T. 0.006 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

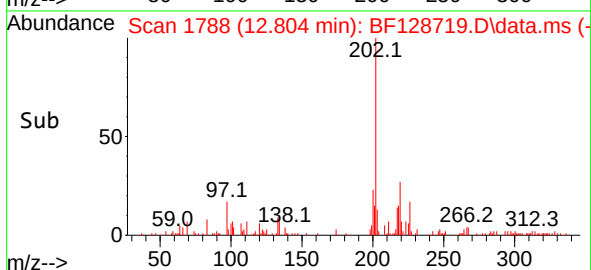
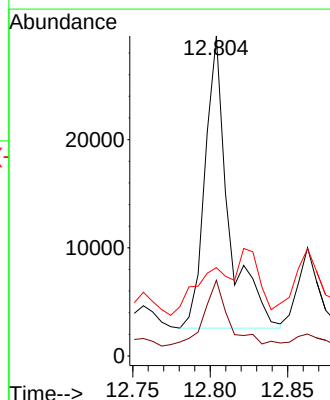
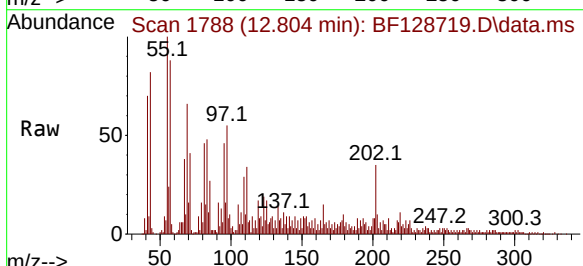
Tgt Ion:202 Resp: 28644

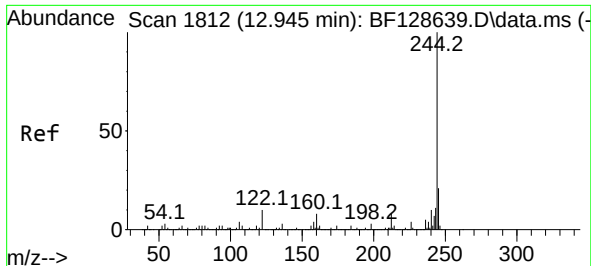
Ion Ratio Lower Upper

202 100

200 23.7 17.7 26.5

203 27.6 14.6 21.8#

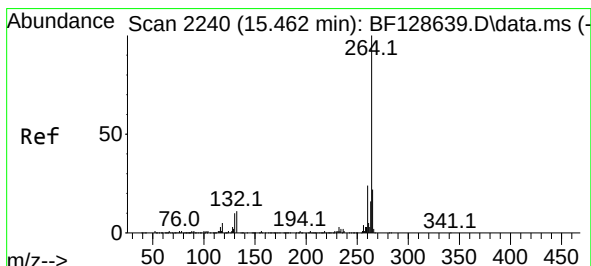
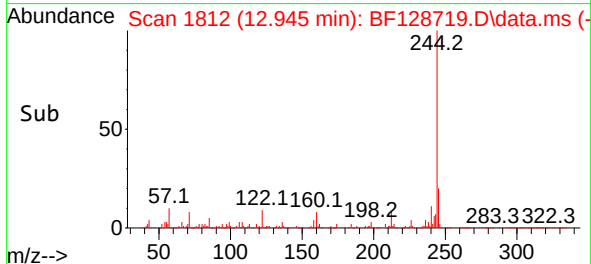
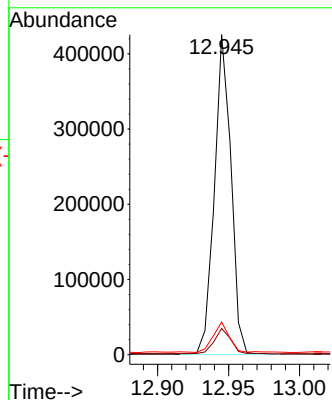
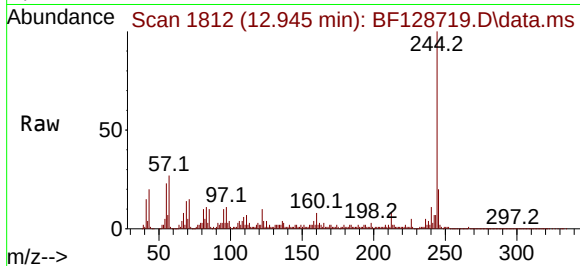




#79
 Terphenyl-d14
 Concen: 35.284 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128719.D
 Acq: 07 Jun 2022 16:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-1-GR

Tgt Ion:244 Resp: 344933
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.1 9.1
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. 0.018 min
 Lab File: BF128719.D
 Acq: 07 Jun 2022 16:47

Tgt Ion:264 Resp: 174029
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 22.6 17.2 25.8

