

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128720.D
 Acq On : 07 Jun 2022 17:17
 Operator : CG\JU
 Sample : N3209-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jun 08 00:26:58 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)

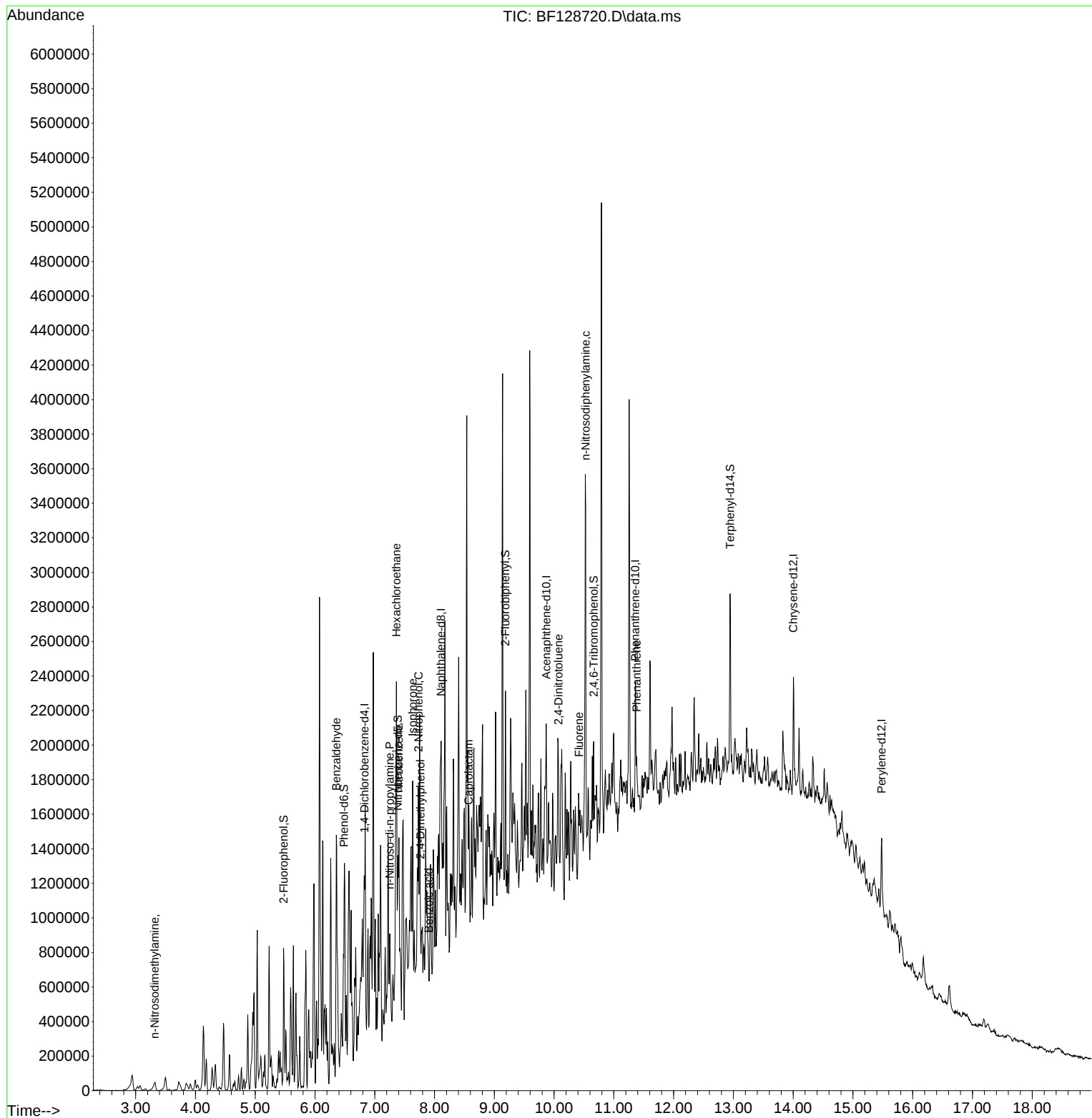
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	67487	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	231266	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	113435	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	187832	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	171459	20.000	ng	0.00
86) Perylene-d12	15.480	264	187192	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	205711	48.552	ng	0.00
7) Phenol-d6	6.487	99	251552	48.638	ng	-0.01
23) Nitrobenzene-d5	7.386	82	193628	38.981	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	52115	38.883	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	298004	36.800	ng	0.00
79) Terphenyl-d14	12.945	244	286873	29.073	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.316	42	8103	2.796	ng	# 1
9) Benzaldehyde	6.357	77	13093	4.155	ng	# 19
18) Hexachloroethane	7.363	117	48696	25.858	ng	# 1
19) n-Nitroso-di-n-propyla...	7.251	70	27540	8.564	ng	# 67
24) Nitrobenzene	7.404	77	11370	2.493	ng	# 49
25) Isophorone	7.634	82	53871	7.141	ng	# 1
26) 2-Nitrophenol	7.734	139	8398	4.180	ng	# 1
27) 2,4-Dimethylphenol	7.763	122	6787	2.218	ng	# 1
32) Benzoic acid	7.904	122	6878	3.167	ng	# 11
35) Caprolactam	8.569	113	6863	7.006	ng	# 1
57) 2,4-Dinitrotoluene	10.075	165	7419	3.628	ng	# 64
58) Fluorene	10.416	166	21442	2.971	ng	# 72
66) n-Nitrosodiphenylamine	10.527	169	71169	12.327	ng	# 48
71) Phenanthrene	11.380	178	62140	6.596	ng	# 90

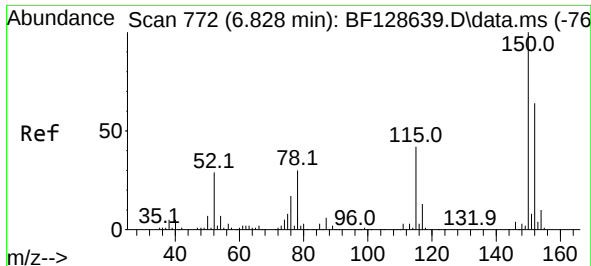
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
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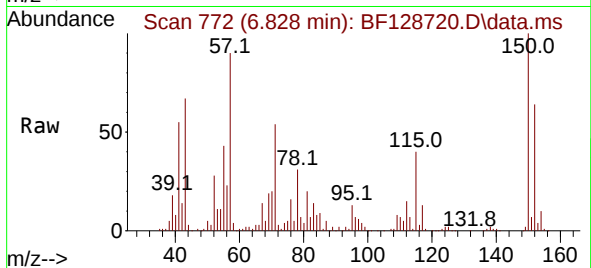
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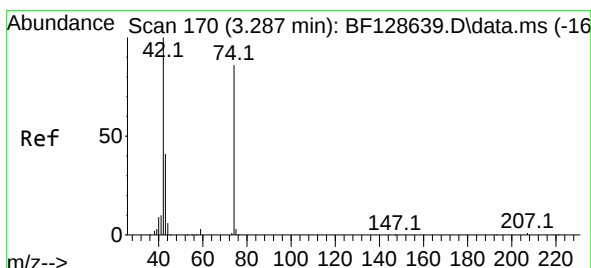
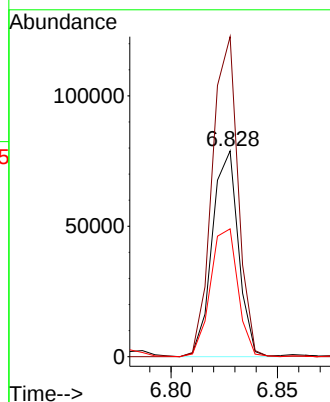
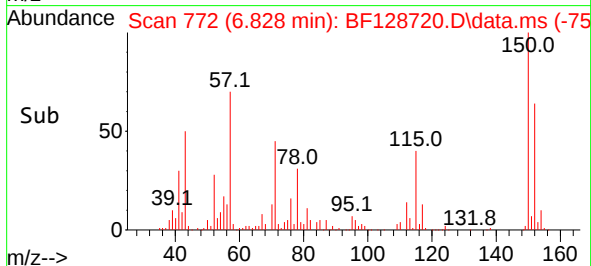


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

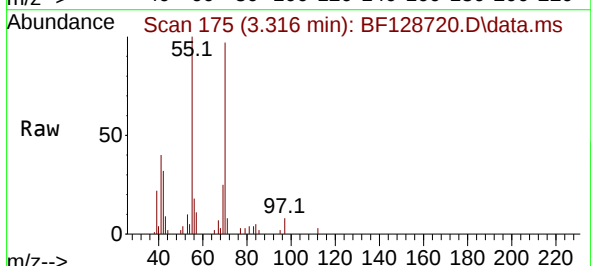
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1



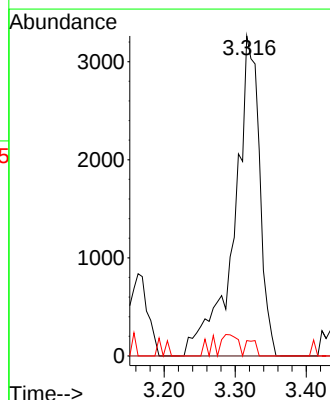
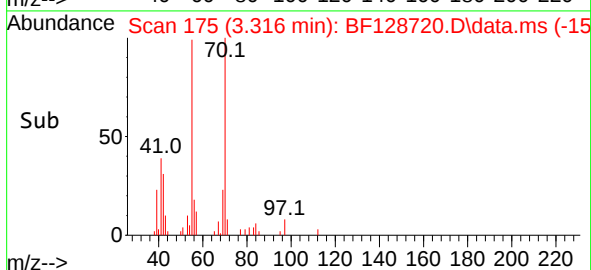
Tgt Ion:152 Resp: 67487
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 62.1 49.9 74.9

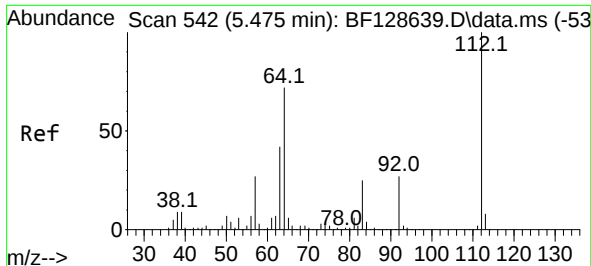


#4
n-Nitrosodimethylamine
Concen: 2.796 ng
RT: 3.316 min Scan# 175
Delta R.T. 0.029 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17



Tgt Ion: 42 Resp: 8103
Ion Ratio Lower Upper
42 100
74 0.0 94.8 142.2#
44 4.8 6.6 10.0#

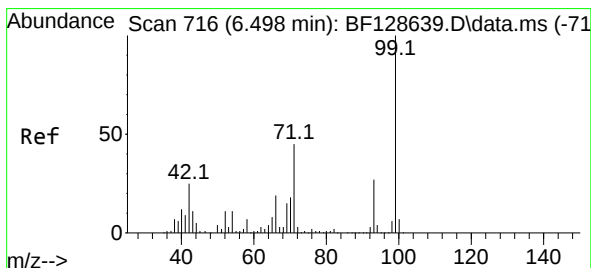
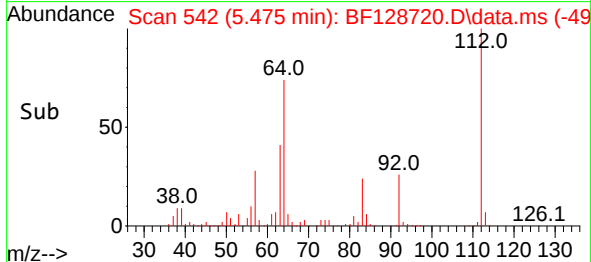
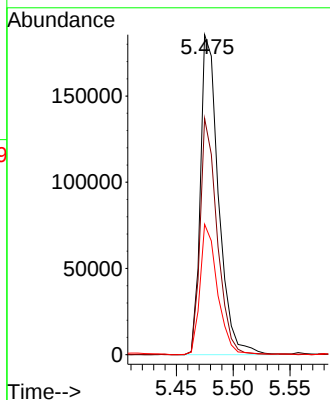
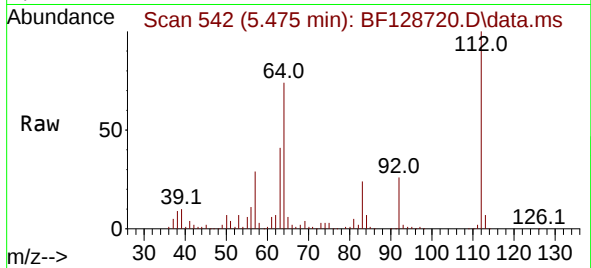




#5
2-Fluorophenol
Concen: 48.552 ng
RT: 5.475 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

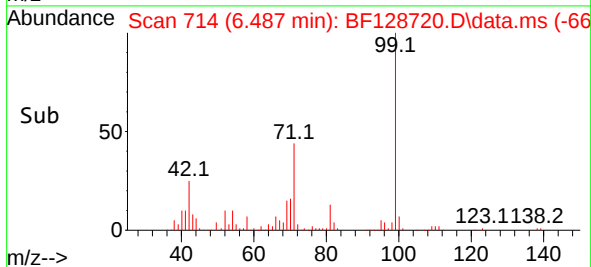
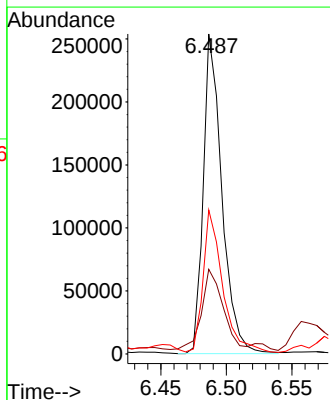
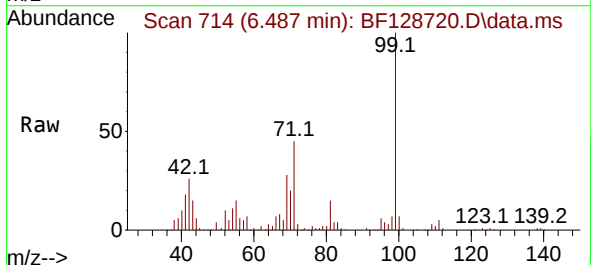
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

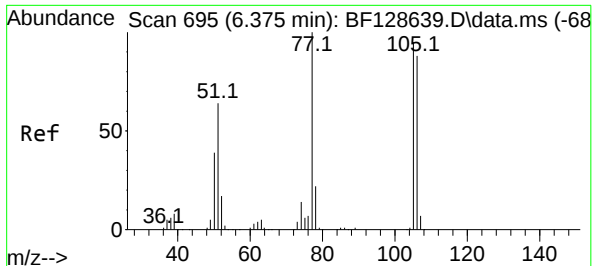
Tgt Ion:112 Resp: 205711
Ion Ratio Lower Upper
112 100
64 73.8 53.3 79.9
63 40.8 28.0 42.0



#7
Phenol-d6
Concen: 48.638 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.011 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

Tgt Ion: 99 Resp: 251552
Ion Ratio Lower Upper
99 100
42 26.5 17.3 25.9#
71 45.0 28.9 43.3#

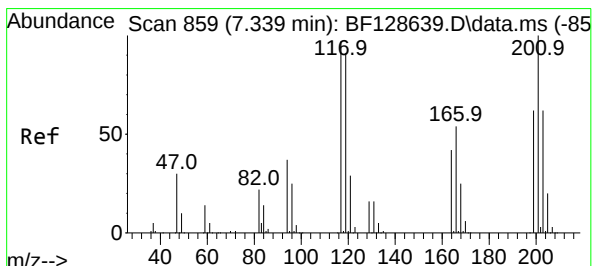
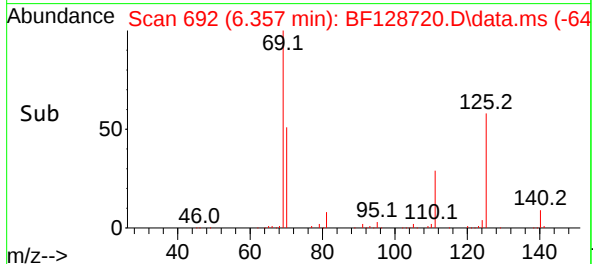
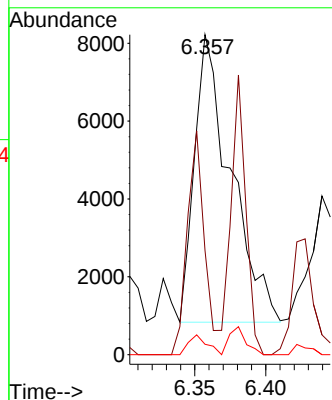
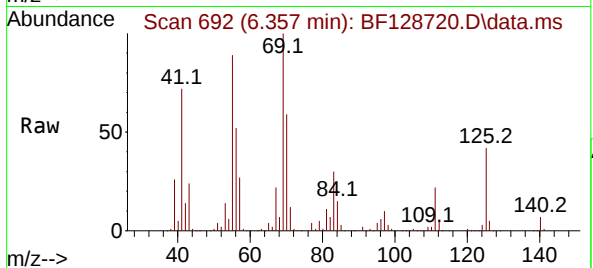




#9
Benzaldehyde
Concen: 4.155 ng
RT: 6.357 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

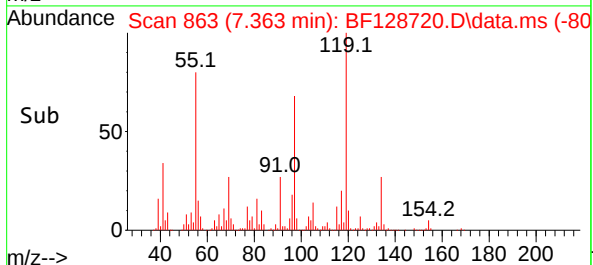
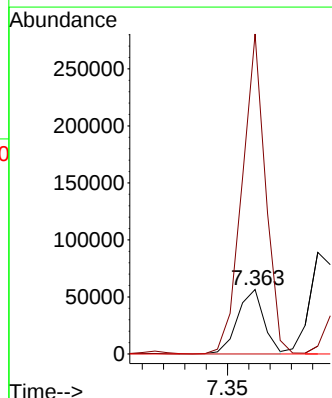
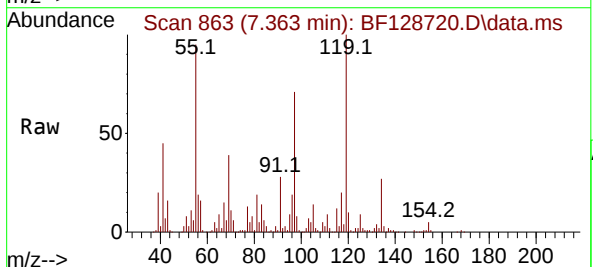
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

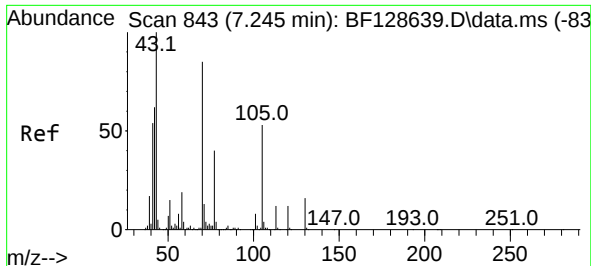
Tgt Ion: 77 Resp: 13093
Ion Ratio Lower Upper
77 100
105 32.6 81.6 121.6#
106 3.2 76.1 116.1#



#18
Hexachloroethane
Concen: 25.858 ng
RT: 7.363 min Scan# 863
Delta R.T. 0.024 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

Tgt Ion: 117 Resp: 48696
Ion Ratio Lower Upper
117 100
119 496.0 77.4 116.2#
201 0.0 84.6 127.0#





#19

n-Nitroso-di-n-propylamine

Concen: 8.564 ng

RT: 7.251 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1

Tgt Ion: 70 Resp: 27540

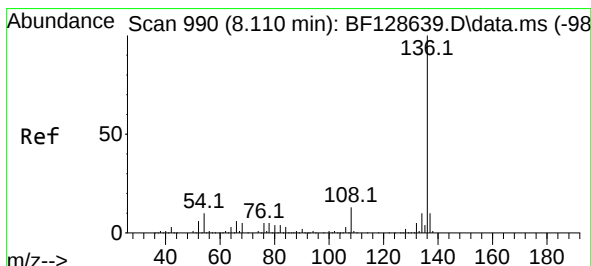
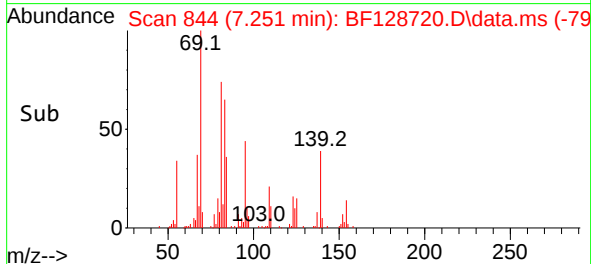
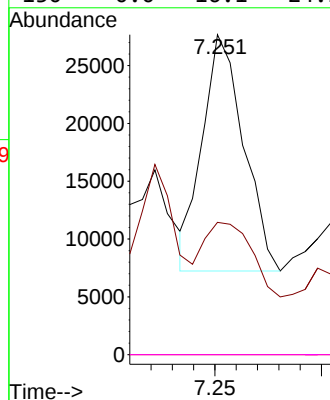
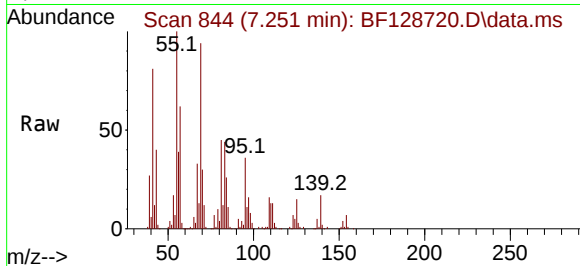
Ion Ratio Lower Upper

70 100

42 41.3 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: BF128720.D

Acq: 07 Jun 2022 17:17

Tgt Ion: 136 Resp: 231266

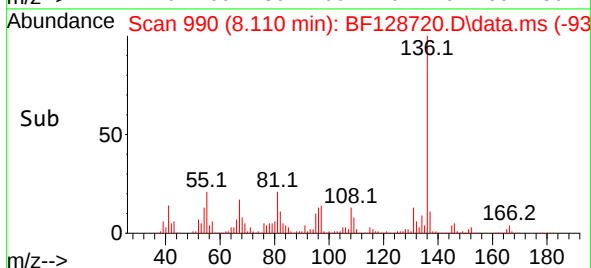
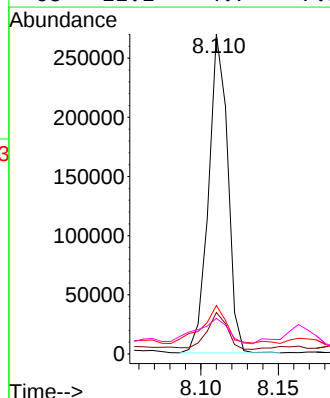
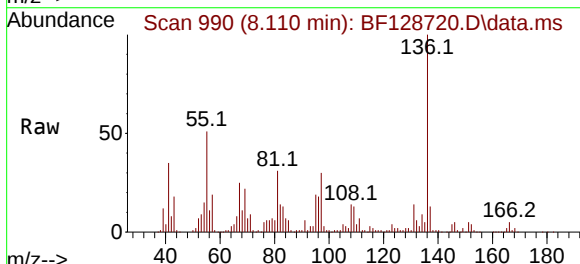
Ion Ratio Lower Upper

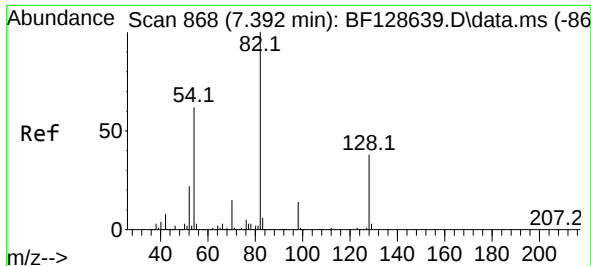
136 100

137 13.0 8.8 13.2

54 15.2 7.5 11.3#

68 11.1 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 38.981 ng

RT: 7.386 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1

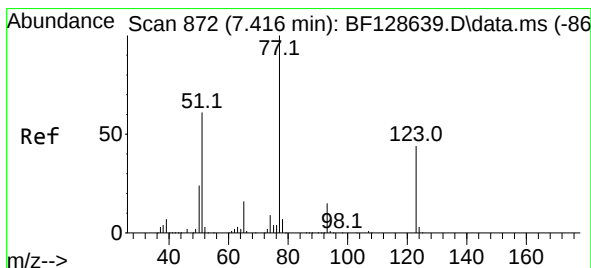
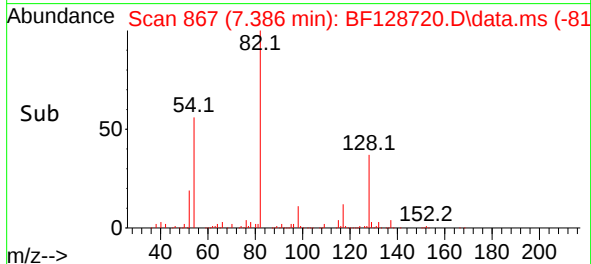
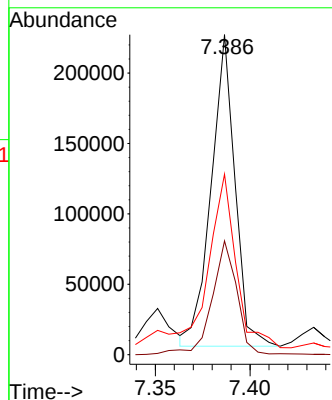
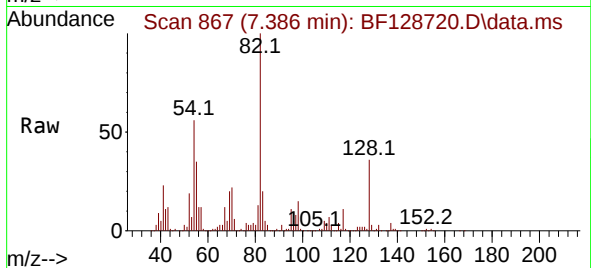
Tgt Ion: 82 Resp: 193628

Ion Ratio Lower Upper

82 100

128 35.5 34.0 51.0

54 56.4 46.9 70.3



#24

Nitrobenzene

Concen: 2.493 ng

RT: 7.404 min Scan# 870

Delta R.T. -0.012 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

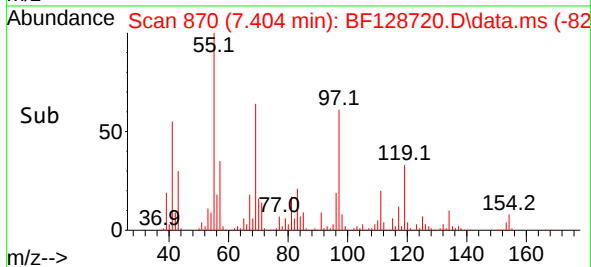
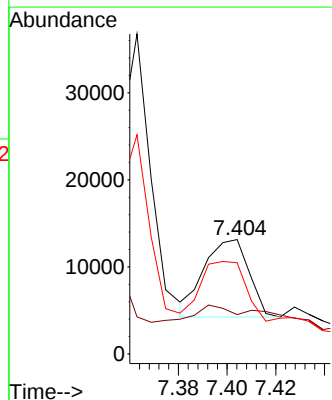
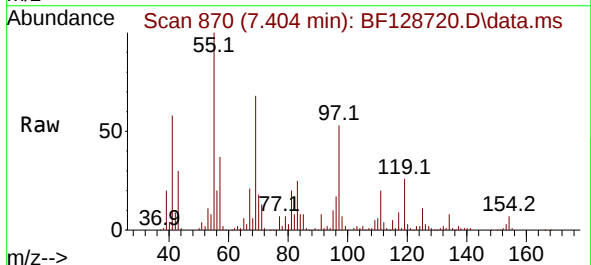
Tgt Ion: 77 Resp: 11370

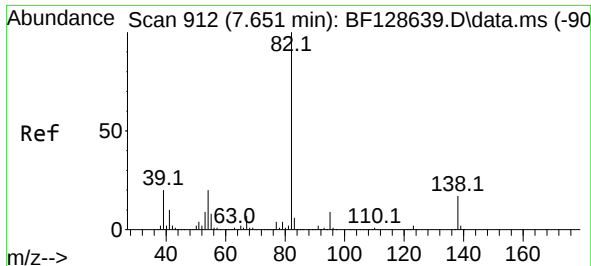
Ion Ratio Lower Upper

77 100

123 34.5 35.4 53.2#

65 79.8 11.8 17.8#

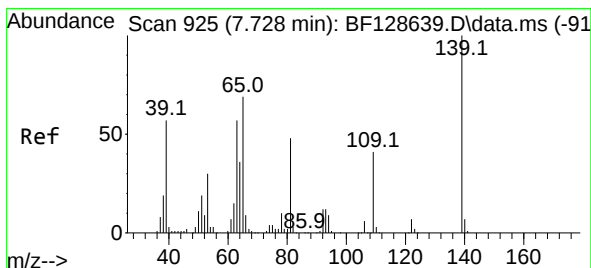
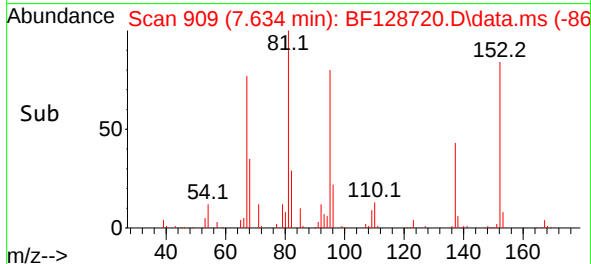
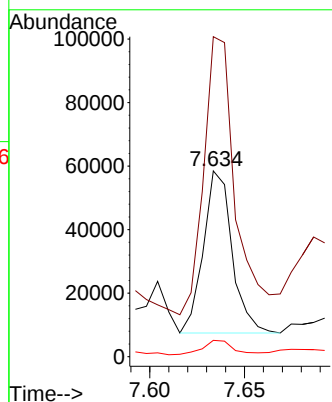
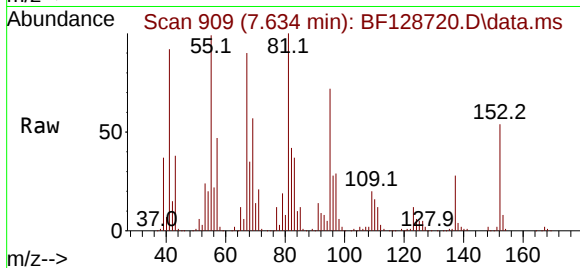




#25
Isophorone
Concen: 7.141 ng
RT: 7.634 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

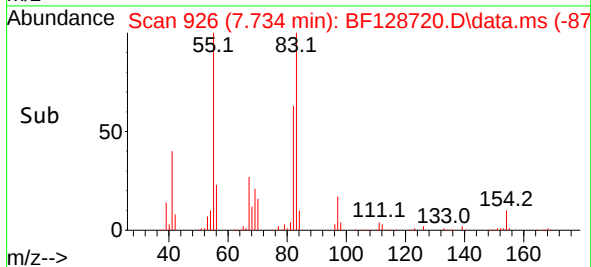
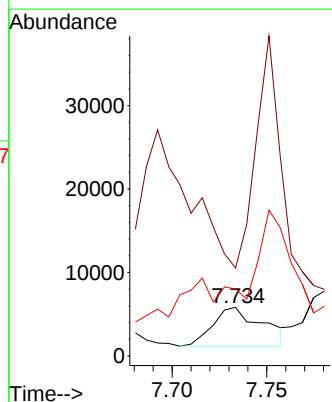
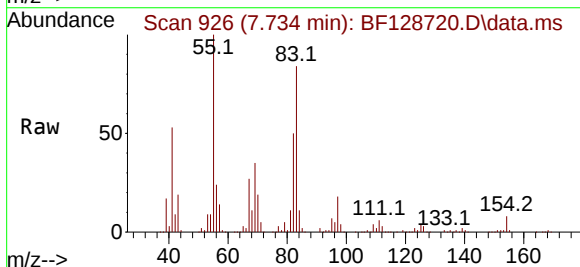
Instrument :
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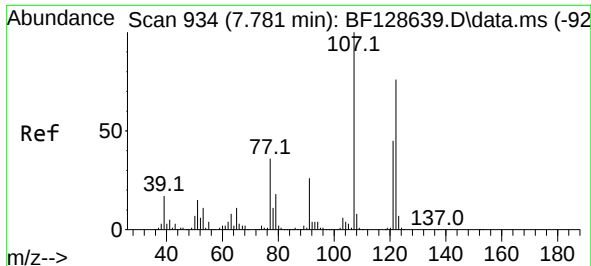
Tgt Ion: 82 Resp: 53871
Ion Ratio Lower Upper
82 100
95 172.3 5.7 8.5#
138 8.8 14.2 21.2#



#26
2-Nitrophenol
Concen: 4.180 ng
RT: 7.734 min Scan# 926
Delta R.T. 0.006 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

Tgt Ion: 139 Resp: 8398
Ion Ratio Lower Upper
139 100
109 180.8 25.0 37.4#
65 137.7 45.1 67.7#





#27

2,4-Dimethylphenol

Concen: 2.218 ng

RT: 7.763 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1

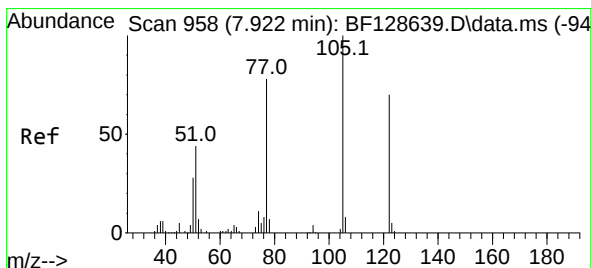
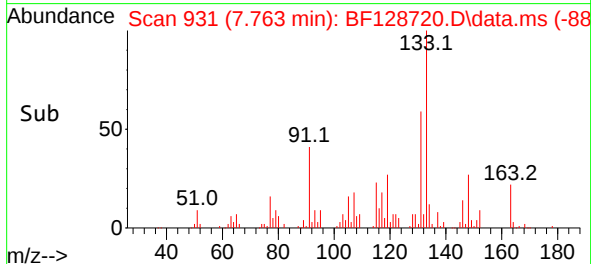
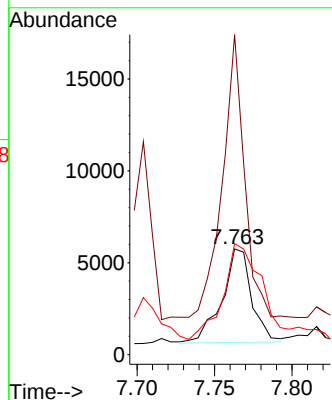
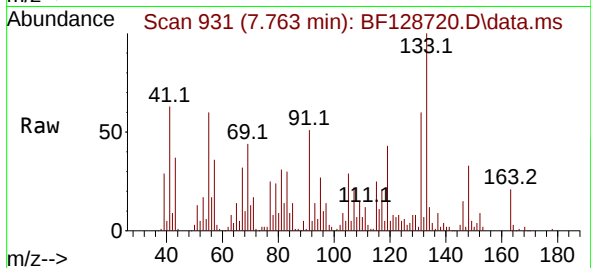
Tgt Ion:122 Resp: 6787

Ion Ratio Lower Upper

122 100

107 302.4 93.0 139.6#

121 105.0 46.6 70.0#



#32

Benzoic acid

Concen: 3.167 ng

RT: 7.904 min Scan# 955

Delta R.T. -0.018 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

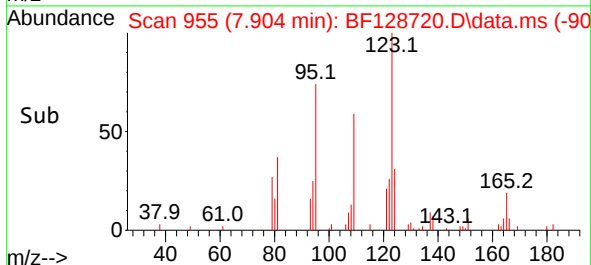
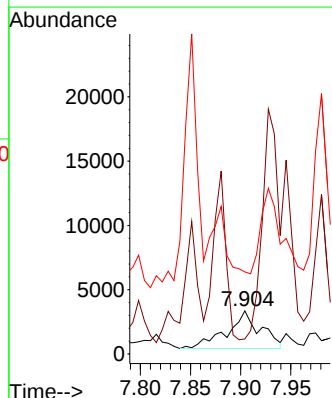
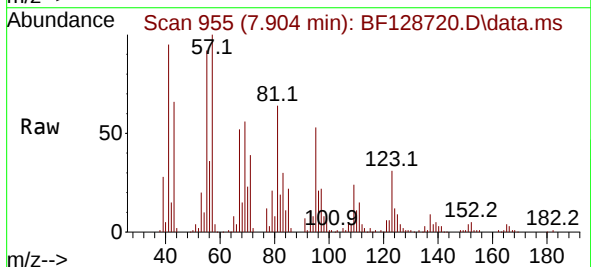
Tgt Ion:122 Resp: 6878

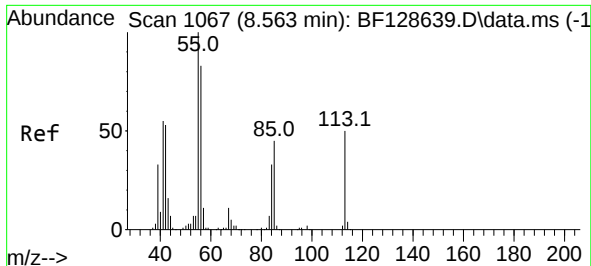
Ion Ratio Lower Upper

122 100

105 34.8 107.1 147.1#

77 190.7 74.2 114.2#

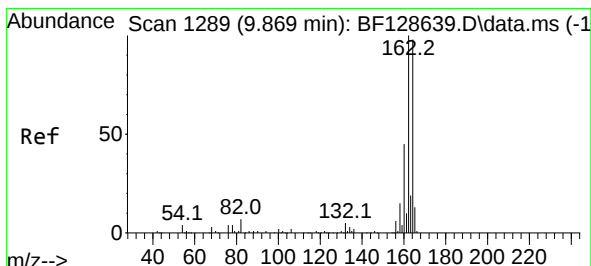
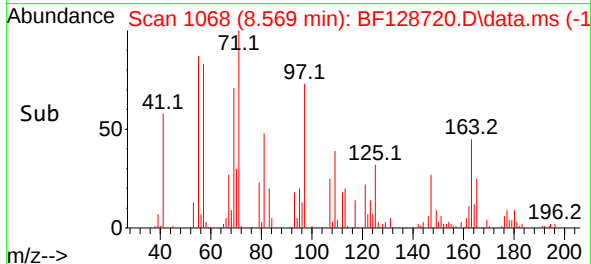
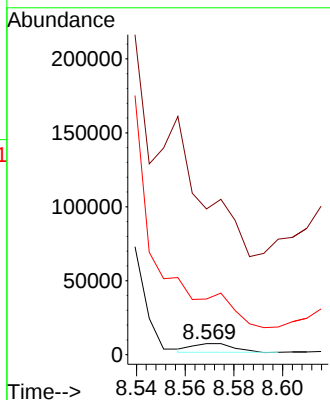
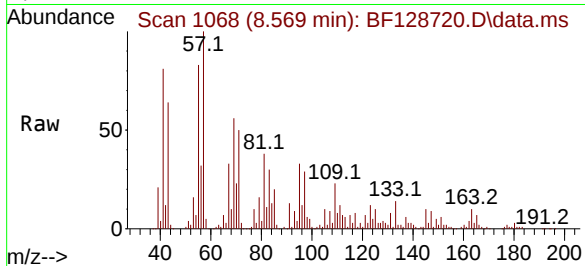




#35
 Caprolactam
 Concen: 7.006 ng
 RT: 8.569 min Scan# 1067
 Delta R.T. 0.006 min
 Lab File: BF128720.D
 Acq: 07 Jun 2022 17:17

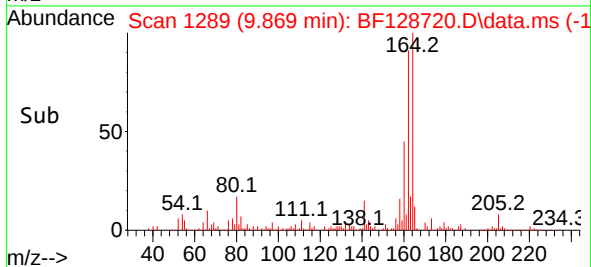
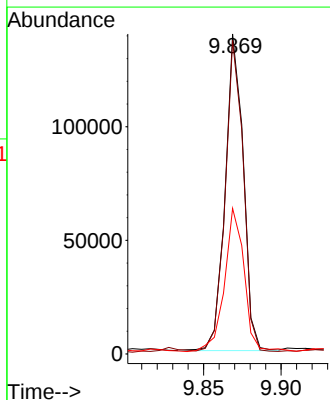
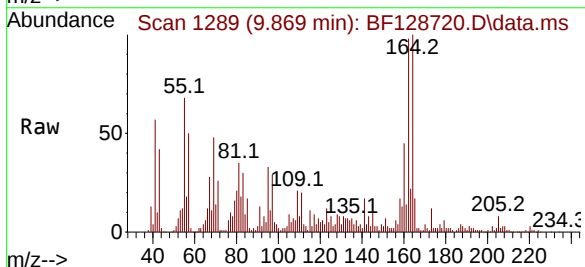
Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-1

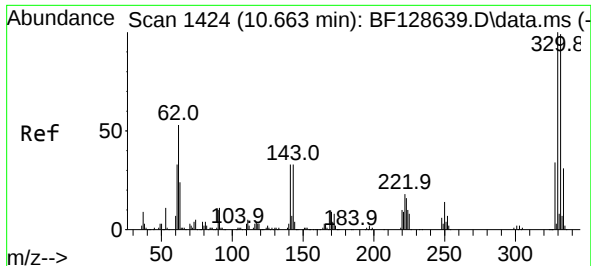
Tgt Ion:113 Resp: 6863
 Ion Ratio Lower Upper
 113 100
 55 1321.3 188.5 228.5#
 56 505.4 130.6 170.6#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1289
 Delta R.T. -0.000 min
 Lab File: BF128720.D
 Acq: 07 Jun 2022 17:17

Tgt Ion:164 Resp: 113435
 Ion Ratio Lower Upper
 164 100
 162 98.0 79.5 119.3
 160 45.5 34.2 51.4

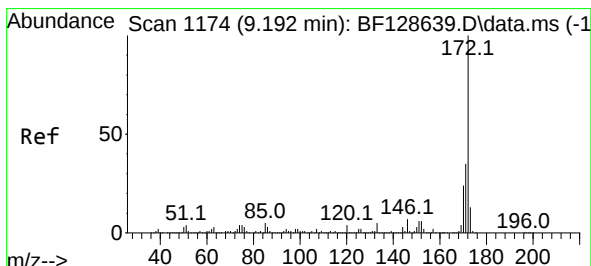
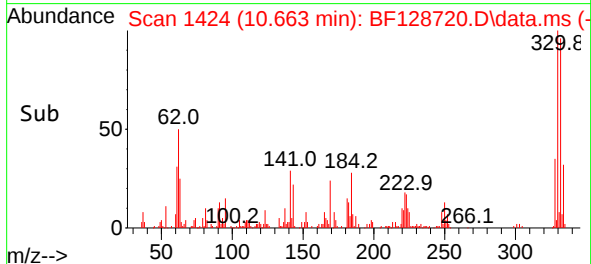
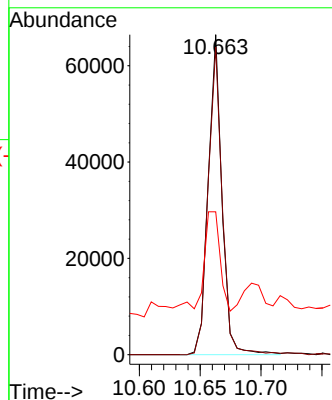
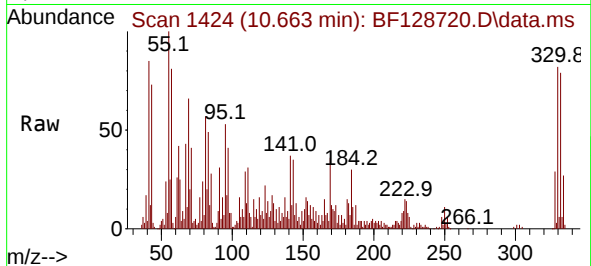




#42
2,4,6-Tribromophenol
Concen: 38.883 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

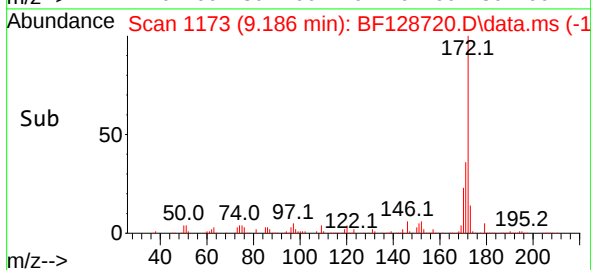
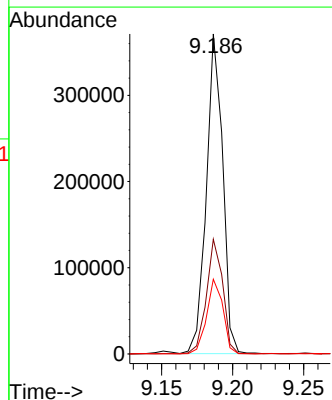
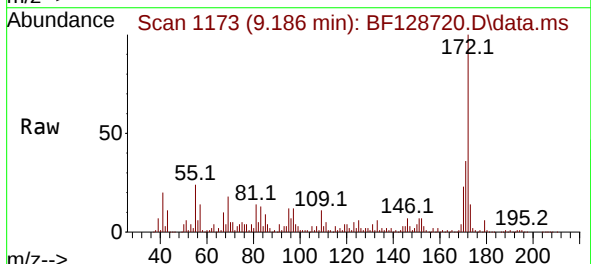
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

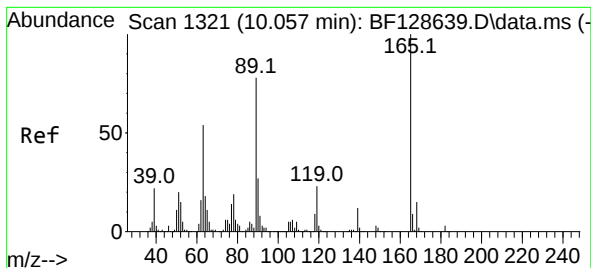
Tgt Ion:330 Resp: 52115
Ion Ratio Lower Upper
330 100
332 99.1 76.8 115.2
141 36.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 36.800 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

Tgt Ion:172 Resp: 298004
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.3 19.8 29.8

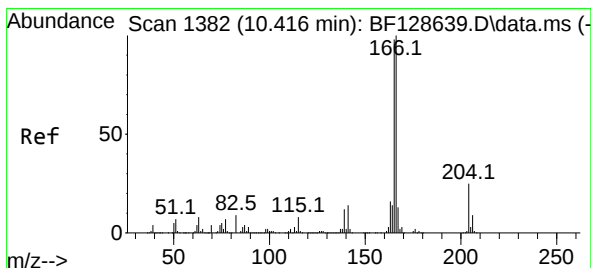
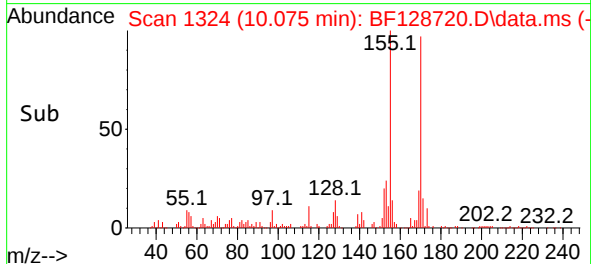
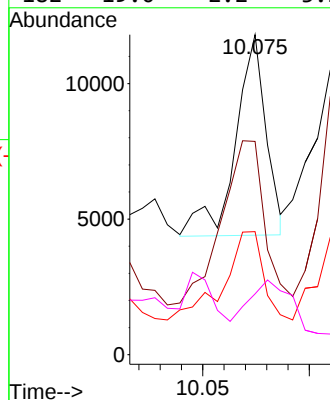
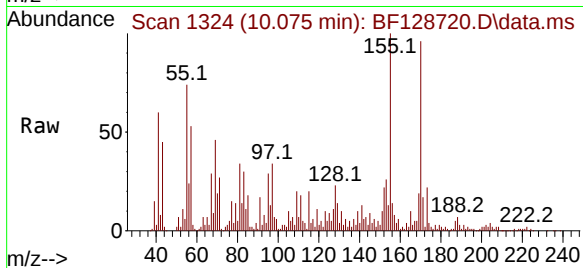




#57
2,4-Dinitrotoluene
Concen: 3.628 ng
RT: 10.075 min Scan# 1324
Delta R.T. 0.018 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

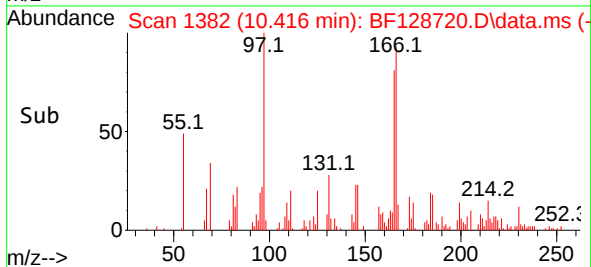
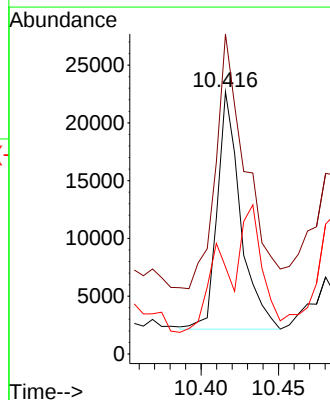
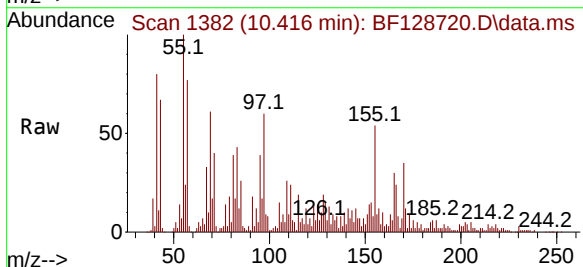
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

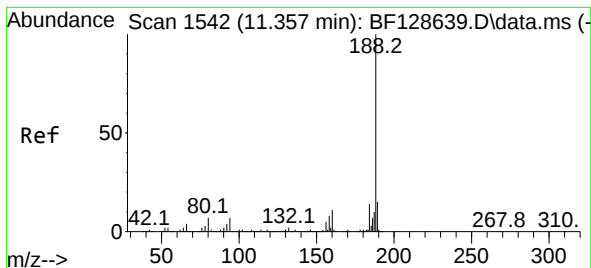
Tgt Ion:165 Resp: 7419
Ion Ratio Lower Upper
165 100
63 66.6 39.8 59.6#
89 38.5 60.2 90.2#
182 19.0 2.2 3.2#



#58
Fluorene
Concen: 2.971 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

Tgt Ion:166 Resp: 21442
Ion Ratio Lower Upper
166 100
165 122.0 78.1 117.1#
167 33.2 10.5 15.7#

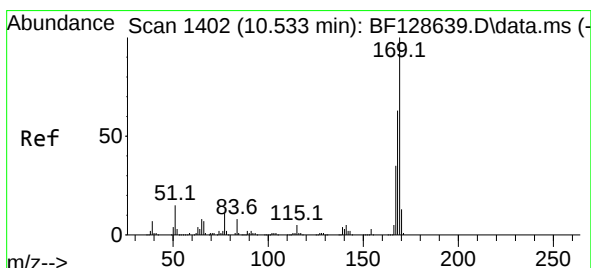
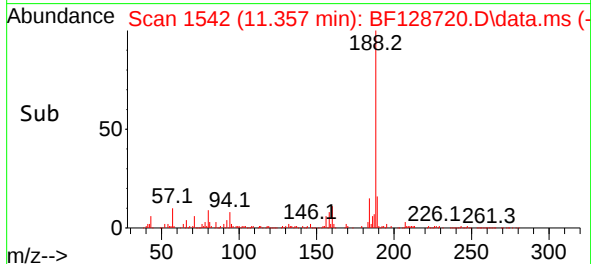
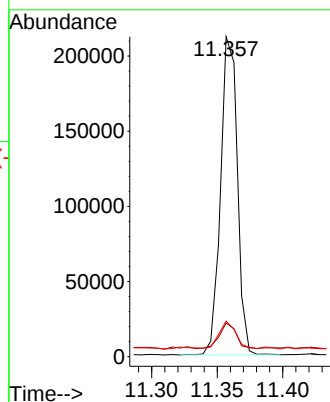
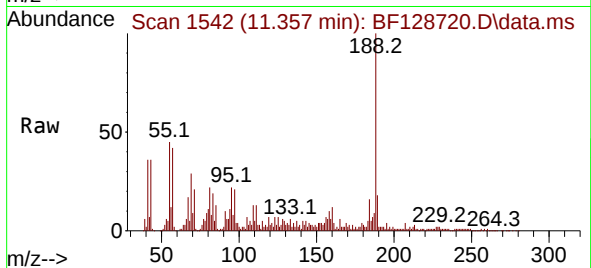




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

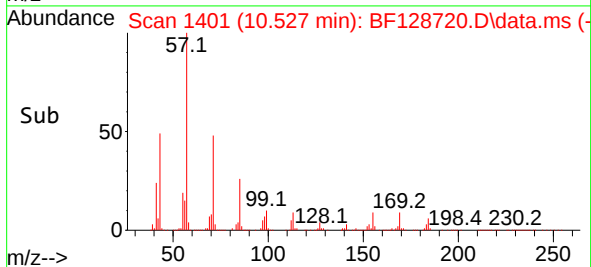
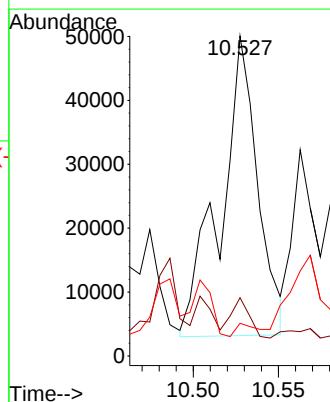
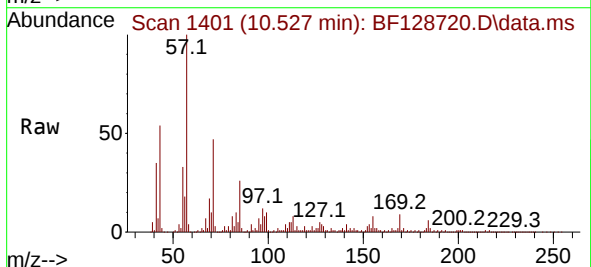
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

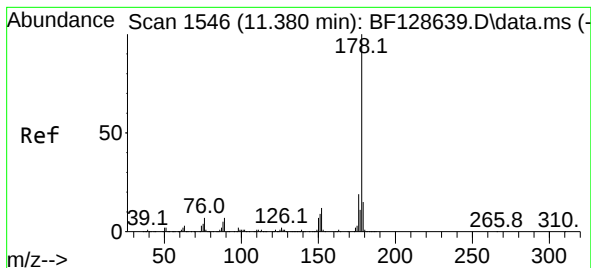
Tgt Ion:188 Resp: 187832
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 11.1 7.6 11.4



#66
n-Nitrosodiphenylamine
Concen: 12.327 ng
RT: 10.527 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

Tgt Ion:169 Resp: 71169
Ion Ratio Lower Upper
169 100
168 18.2 50.1 75.1#
167 10.2 27.9 41.9#





#71

Phenanthrene

Concen: 6.596 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1

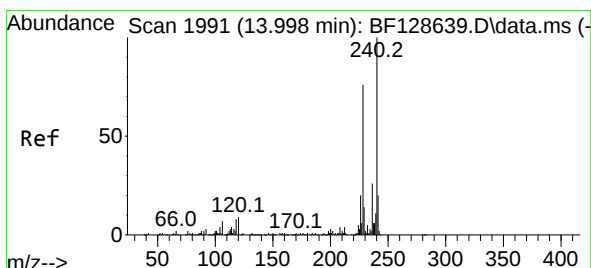
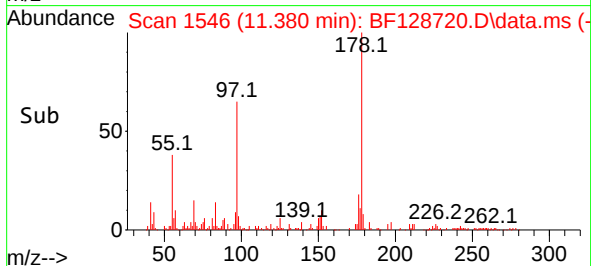
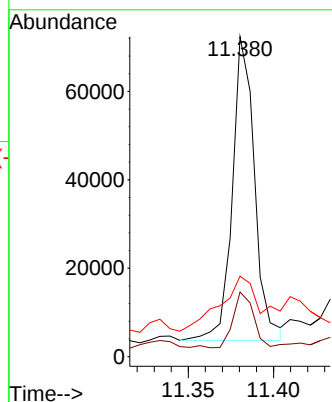
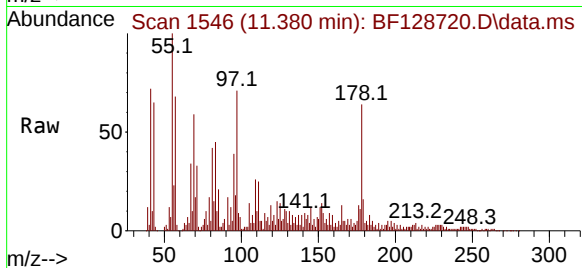
Tgt Ion:178 Resp: 62140

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

179 25.2 12.6 19.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. 0.006 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

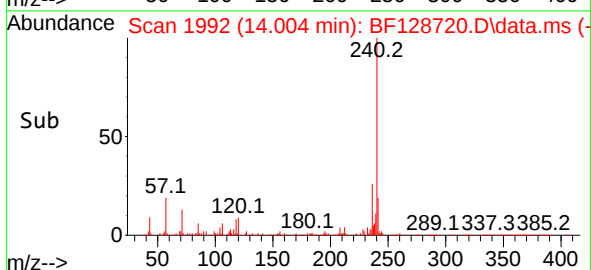
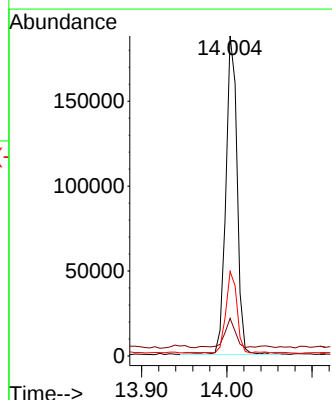
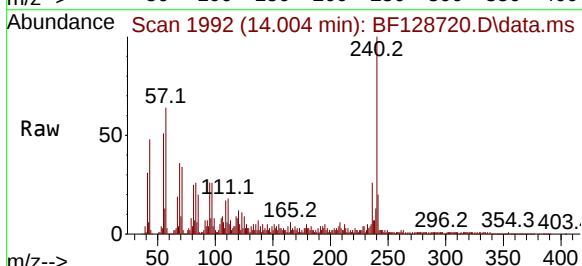
Tgt Ion:240 Resp: 171459

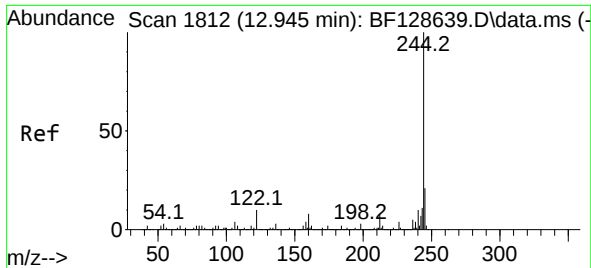
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 26.4 20.8 31.2

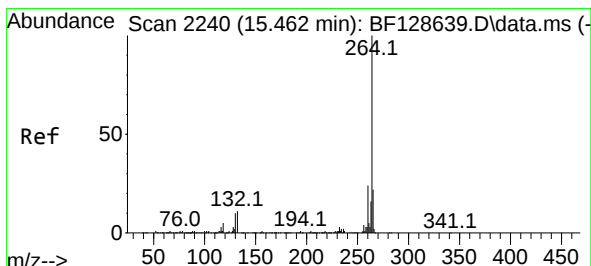
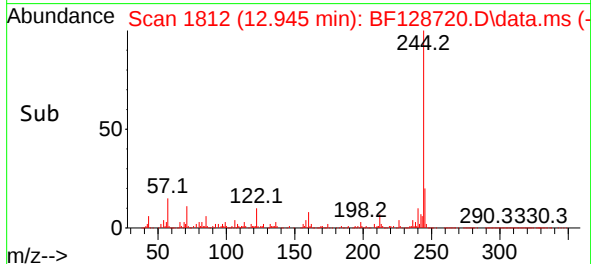
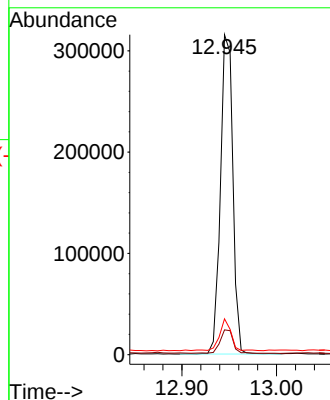
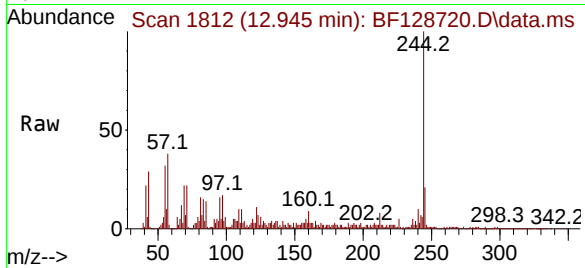




#79
 Terphenyl-d14
 Concen: 29.073 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF128720.D
 Acq: 07 Jun 2022 17:17

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

Tgt Ion:244 Resp: 286873
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 11.2 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: BF128720.D
 Acq: 07 Jun 2022 17:17

Tgt Ion:264 Resp: 187192
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.7 17.2 25.8

