

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)

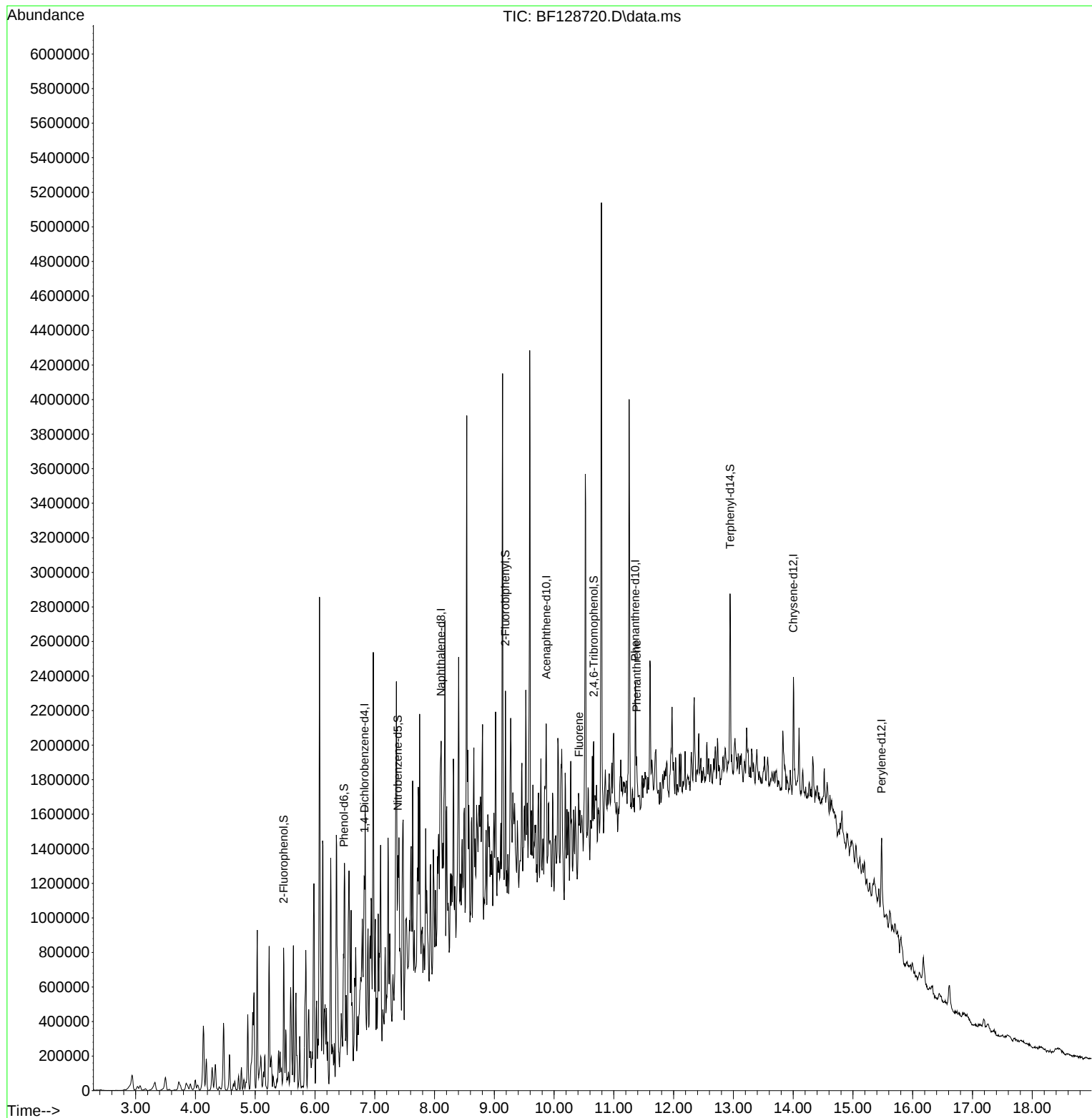
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	67487	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	231266	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	113435	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	187832	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	171459	20.000	ng	0.00
86) Perylene-d12	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
58) Fluorene	10.416	166	21442	2.971	ng	# 72
71) Phenanthrene	11.380	178	62140	6.596	ng	# 90

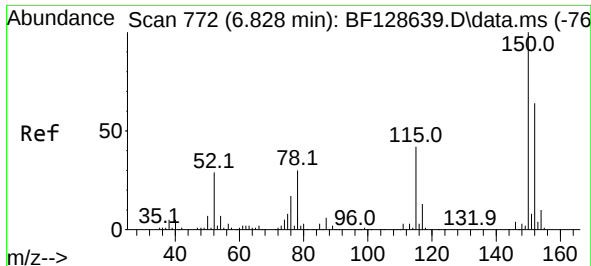
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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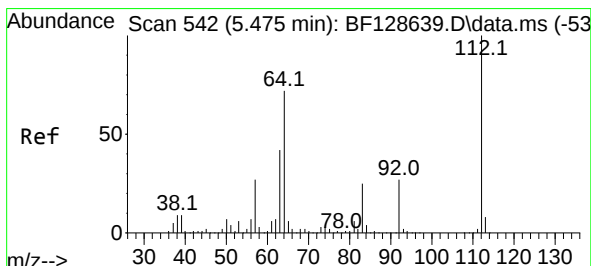
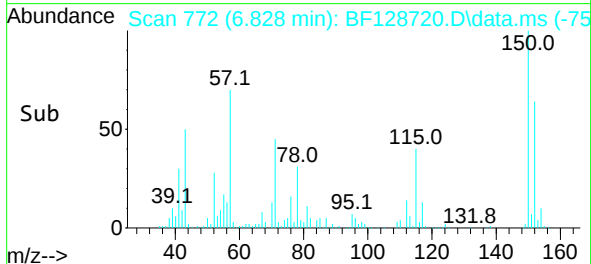
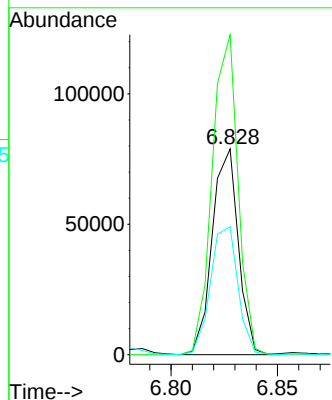
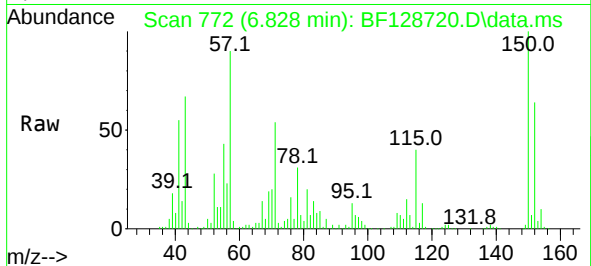




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

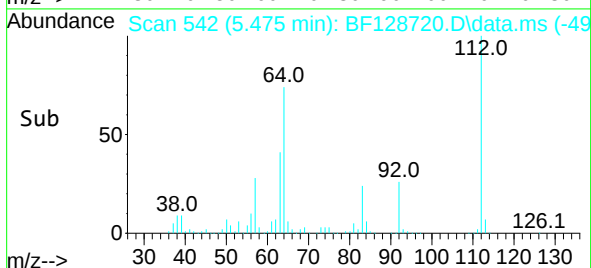
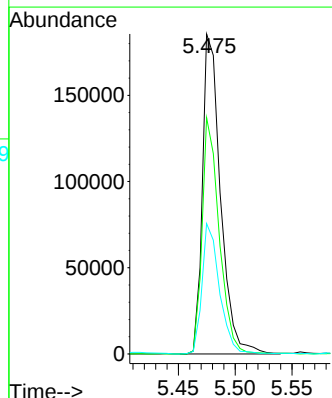
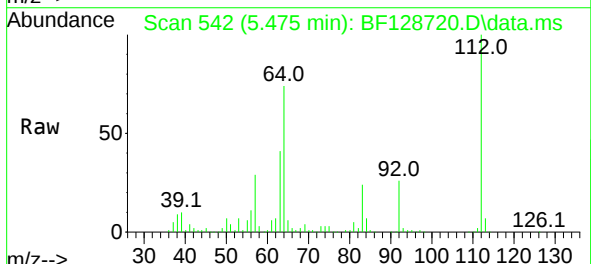
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

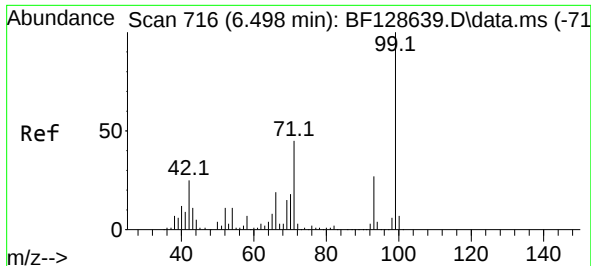
Tgt Ion:152 Resp: 67487
Ion Ratio Lower Upper
152 100
150 155.5 123.7 185.5
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 48.552 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

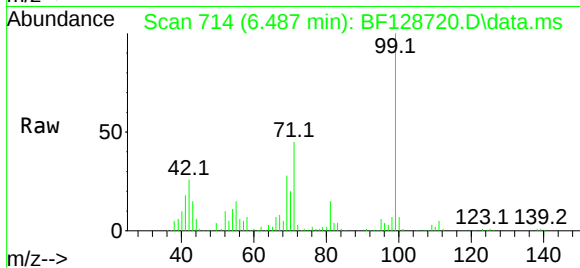
Tgt Ion:112 Resp: 205711
Ion Ratio Lower Upper
112 100
64 73.8 53.3 79.9
63 40.8 28.0 42.0



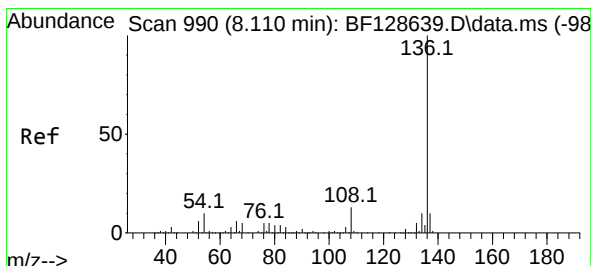
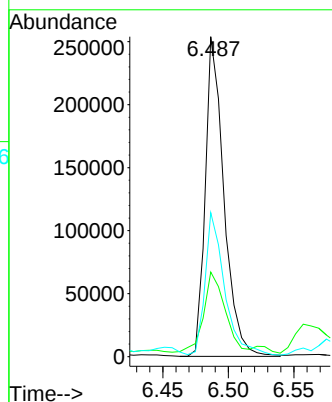
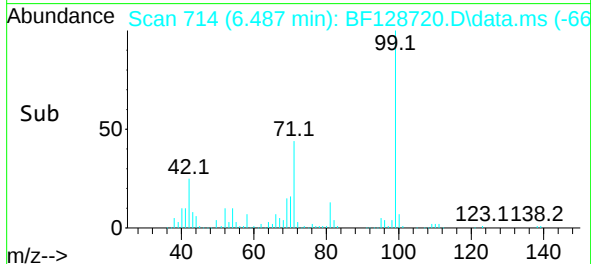


#7
Phenol-d6
Concen: 48.638 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

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

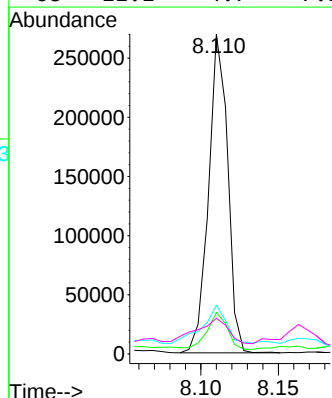
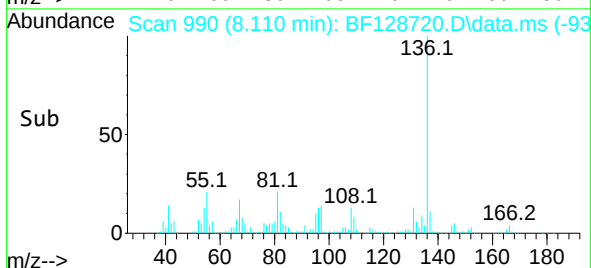
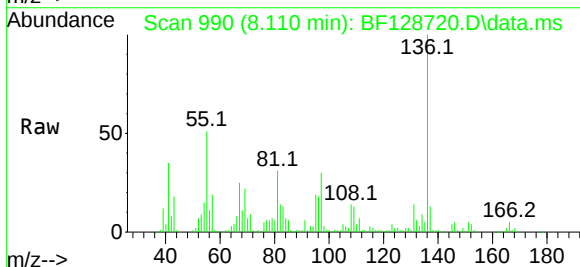


Tgt Ion: 99 Resp: 251552
Ion Ratio Lower Upper
99 100
42 26.5 17.3 25.9#
71 45.0 28.9 43.3#



#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

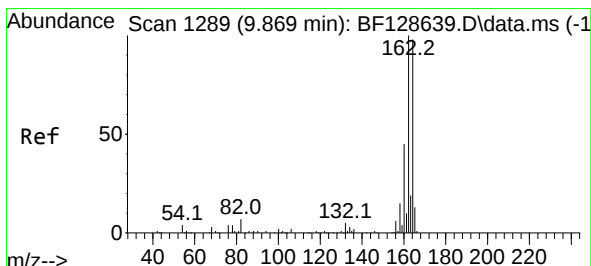
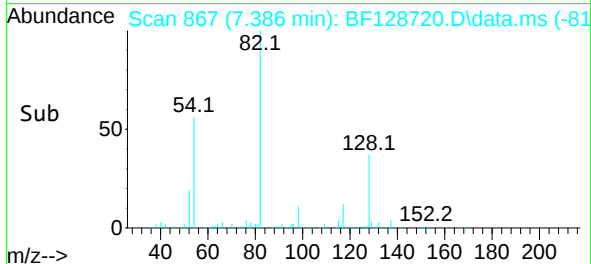
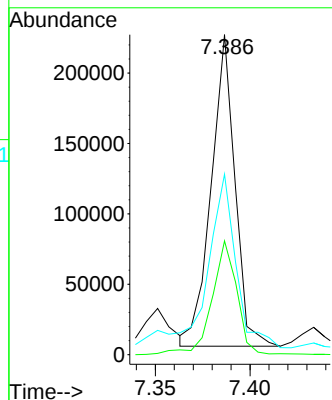
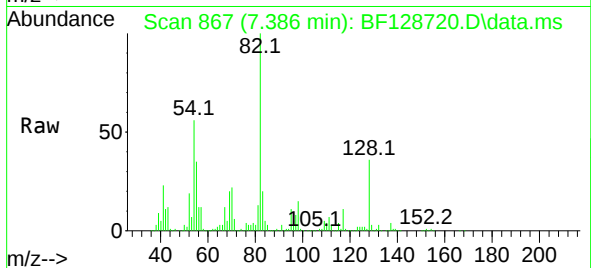
Tgt Ion: 82 Resp: 193628

Ion Ratio Lower Upper

82 100

128 35.5 34.0 51.0

54 56.4 46.9 70.3



#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

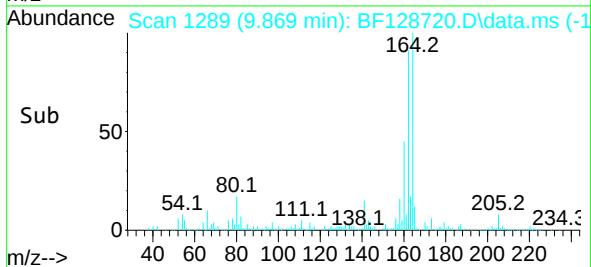
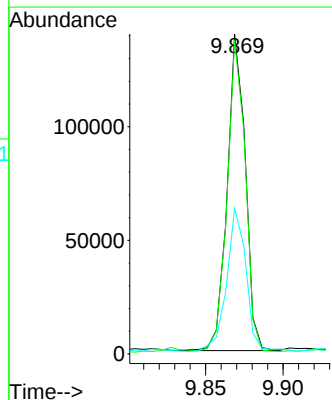
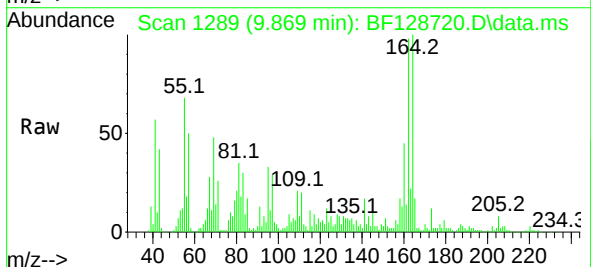
Tgt Ion: 164 Resp: 113435

Ion Ratio Lower Upper

164 100

162 98.0 79.5 119.3

160 45.5 34.2 51.4

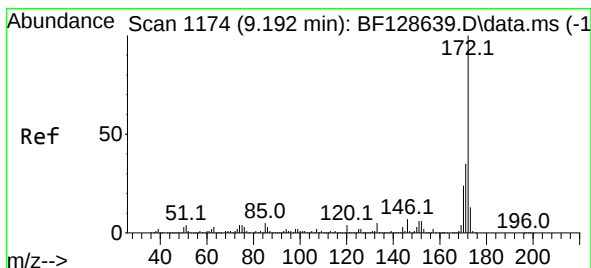
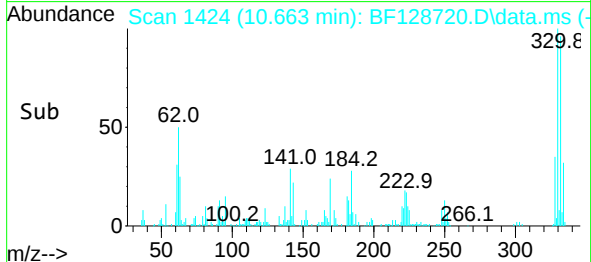
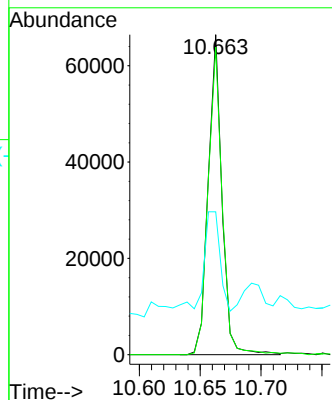
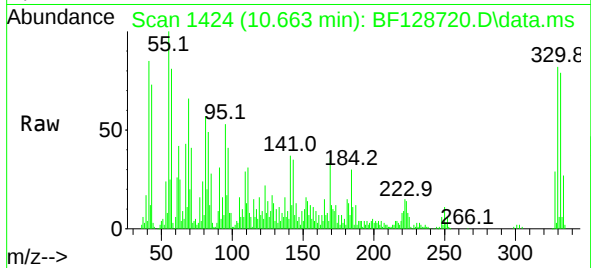




#42
2,4,6-Tribromophenol
Concen: 38.883 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF128720.D
Acq: 07 Jun 2022 17:17

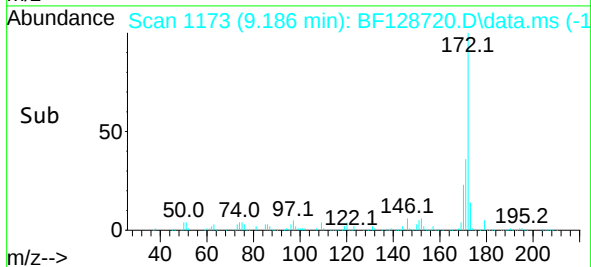
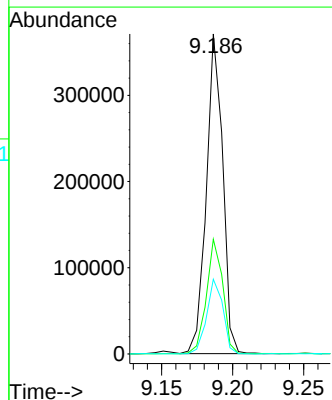
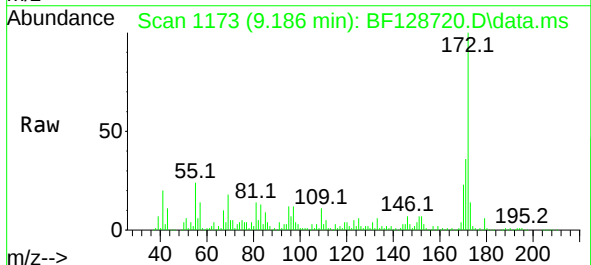
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1

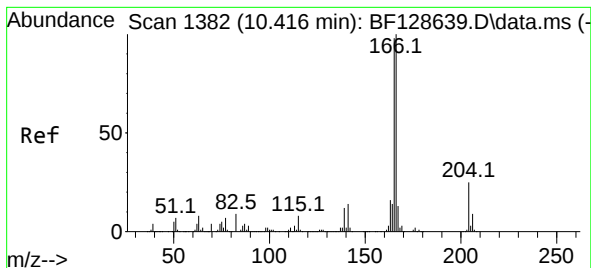
Tgt Ion:330 Resp: 52115
Ion Ratio Lower Upper
330 100
332 99.1 76.8 115.2
141 36.7 28.0 42.0



#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





#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

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1

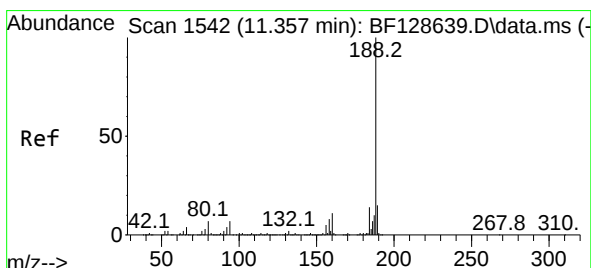
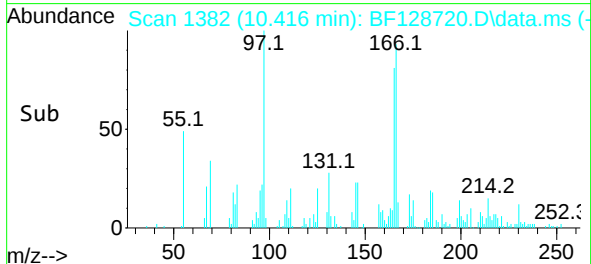
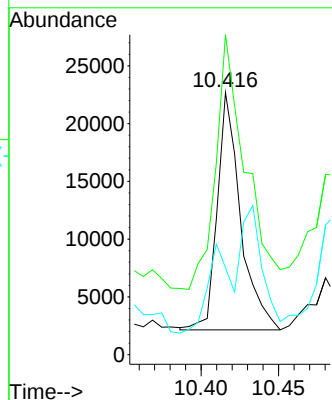
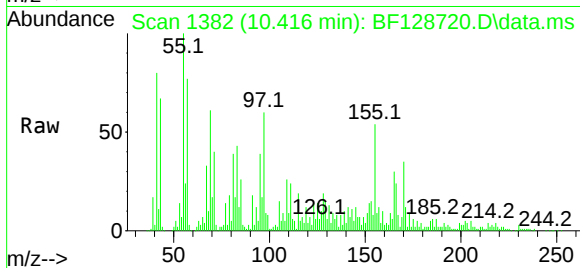
Tgt Ion:166 Resp: 21442

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# 1542

Delta R.T. -0.000 min

Lab File: BF128720.D

Acq: 07 Jun 2022 17:17

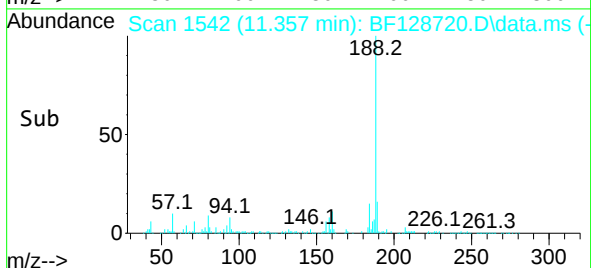
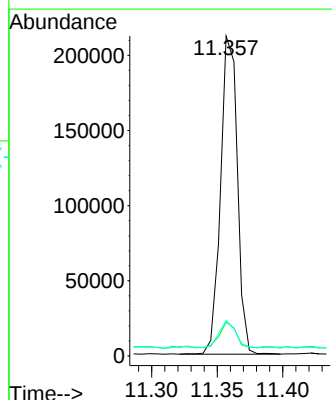
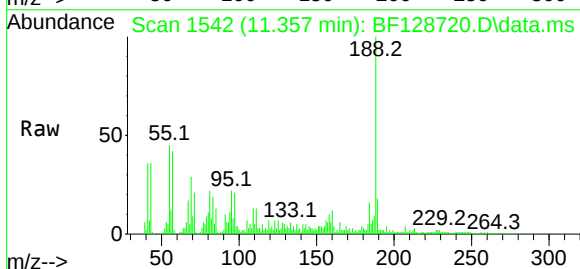
Tgt Ion:188 Resp: 187832

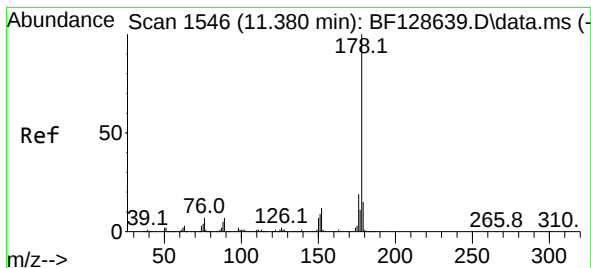
Ion Ratio Lower Upper

188 100

94 10.6 7.0 10.6#

80 11.1 7.6 11.4





#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

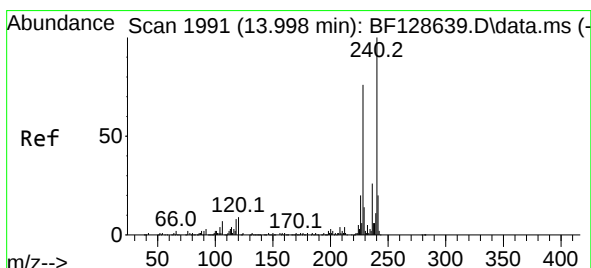
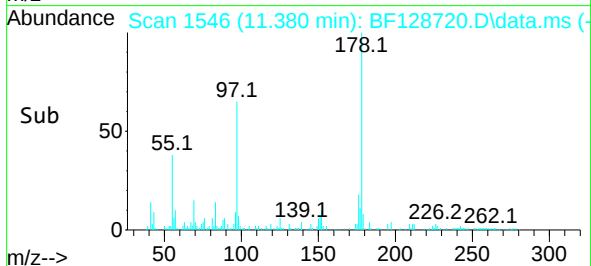
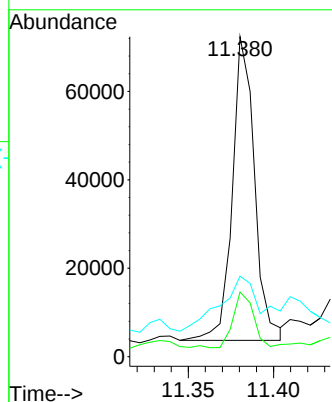
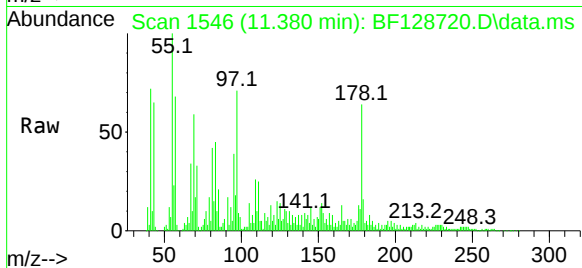
Tgt Ion:178 Resp: 62140

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

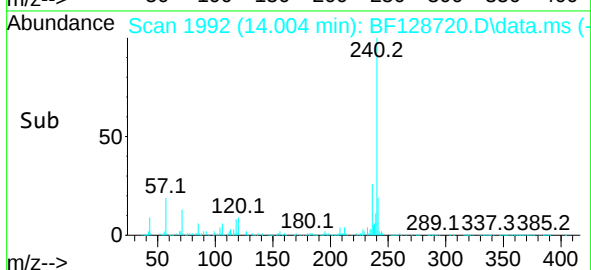
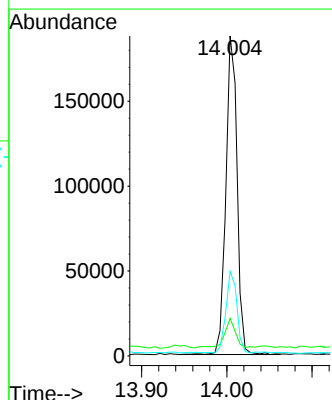
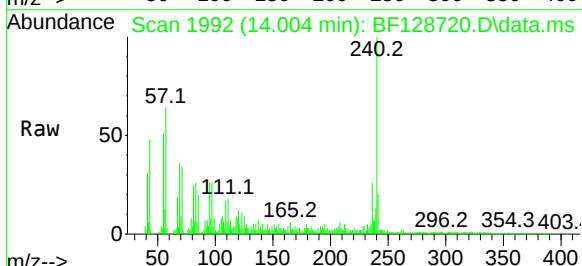
Tgt Ion:240 Resp: 171459

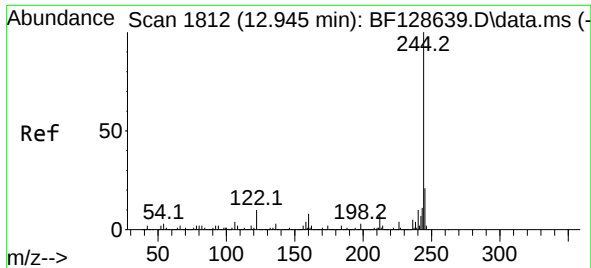
Ion Ratio Lower Upper

240 100

120 11.8 8.9 13.3

236 26.4 20.8 31.2

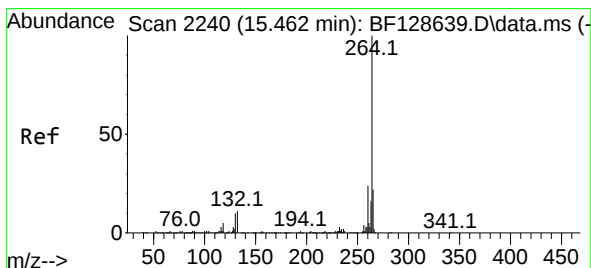
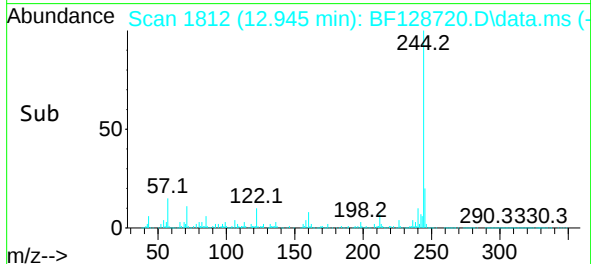
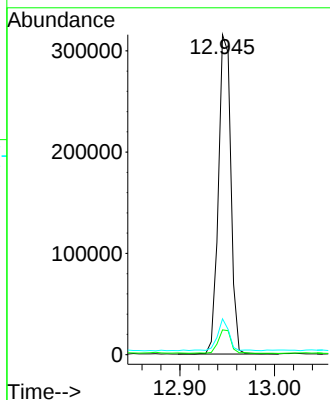
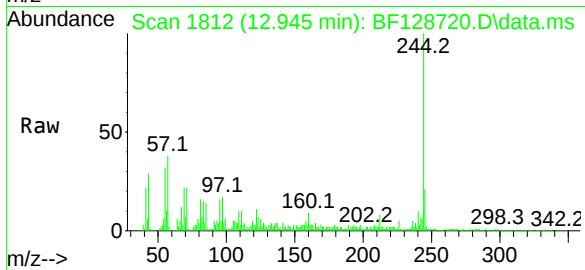




#79
 Terphenyl-d14
 Concen: 29.073 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF128720.D
 Acq: 07 Jun 2022 17:17

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

