

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)

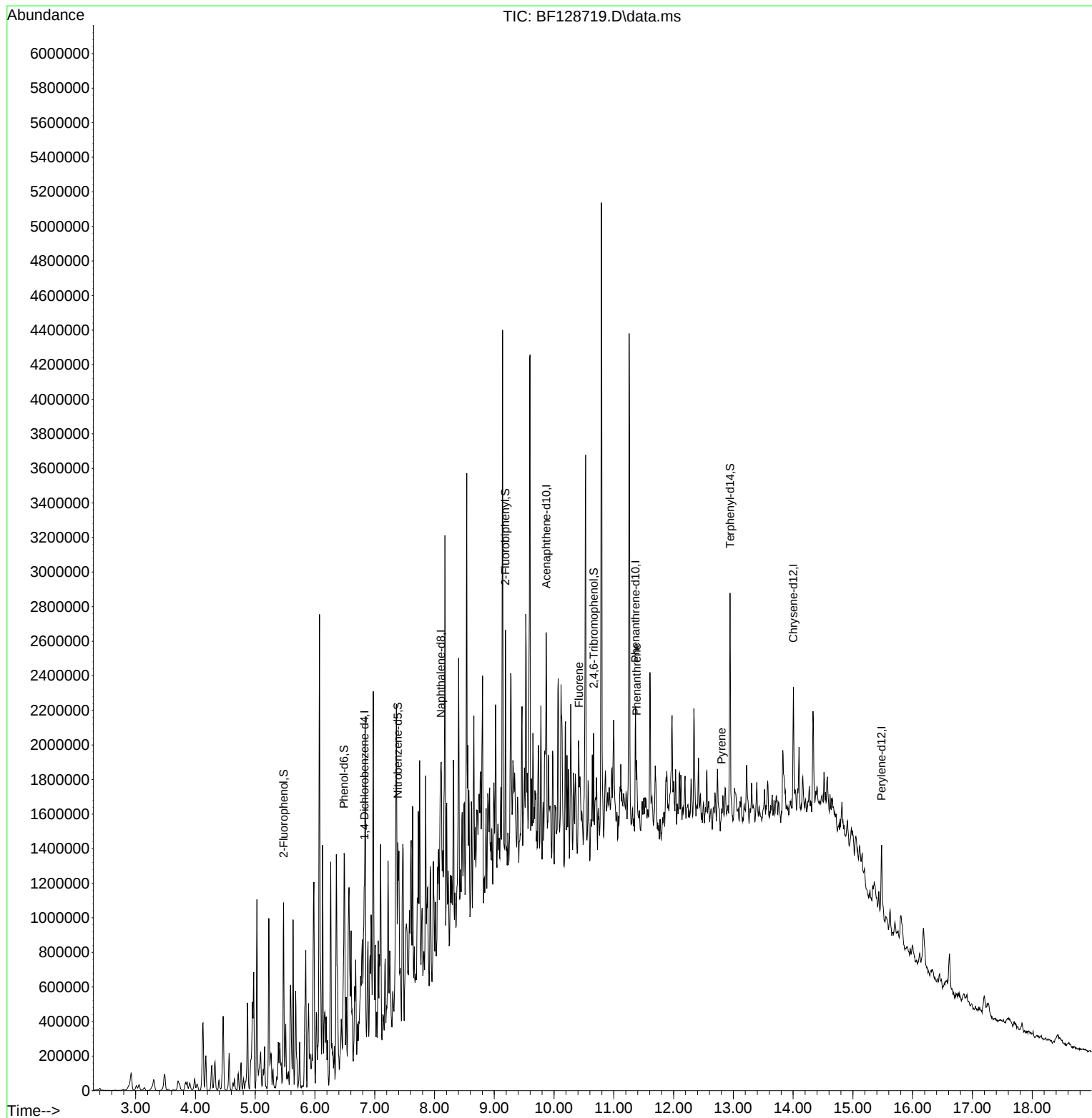
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	66958	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	228822	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	109933	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	166493	20.000	ng	0.00
76) Chrysene-d12	14.004	240	169871	20.000	ng	0.00
86) Perylene-d12	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
58) Fluorene	10.416	166	30813	4.406	ng	# 76
71) Phenanthrene	11.381	178	89774	10.750	ng	# 93
78) Pyrene	12.804	202	28644	2.266	ng	# 89

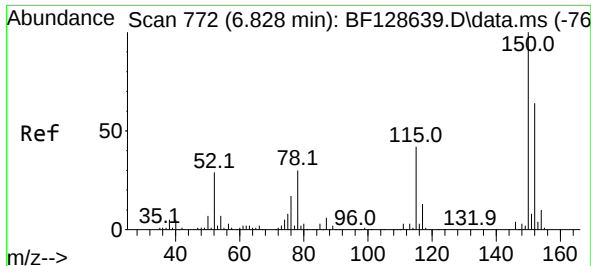
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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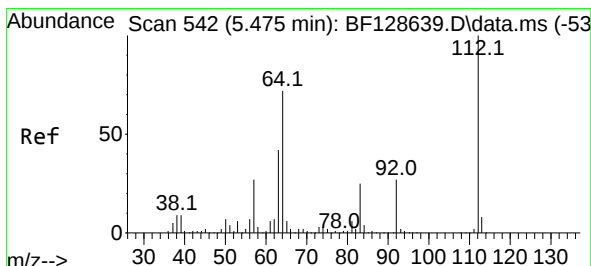
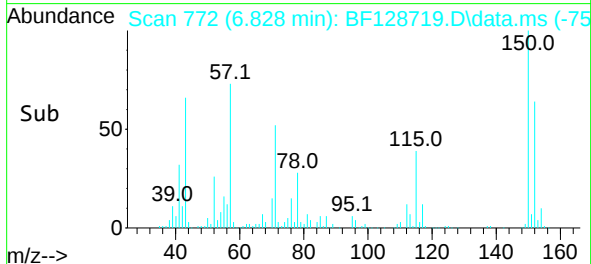
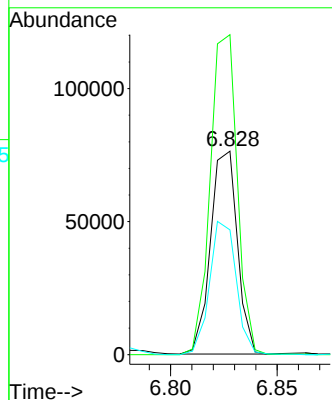
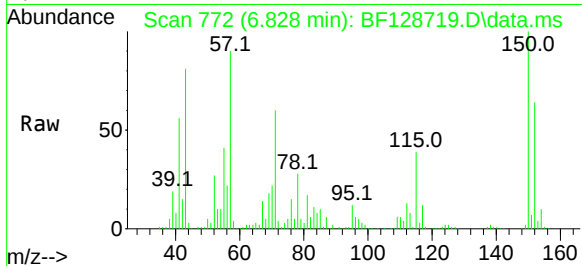




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

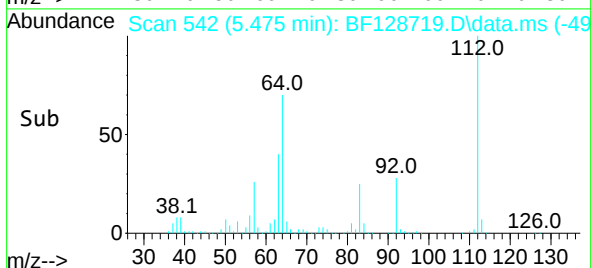
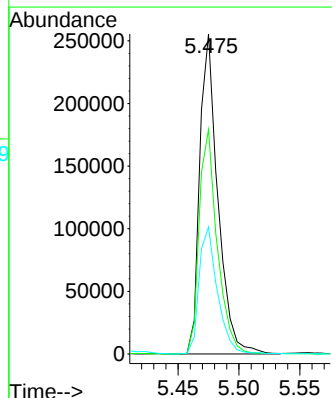
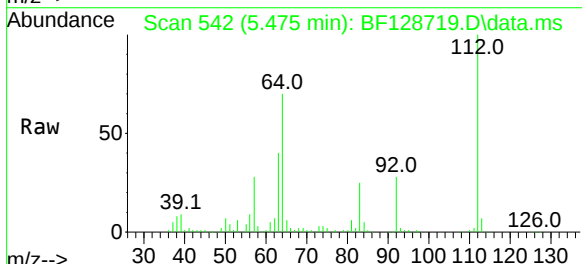
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-1-GR

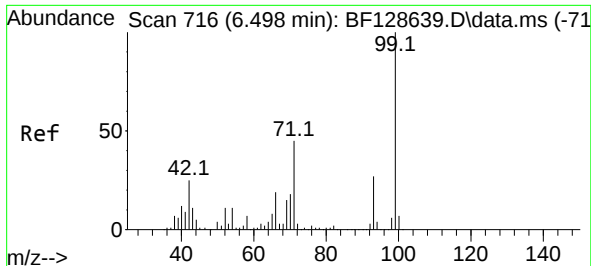
Tgt Ion:152 Resp: 66958
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 61.3 49.9 74.9



#5
2-Fluorophenol
Concen: 63.075 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.000 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

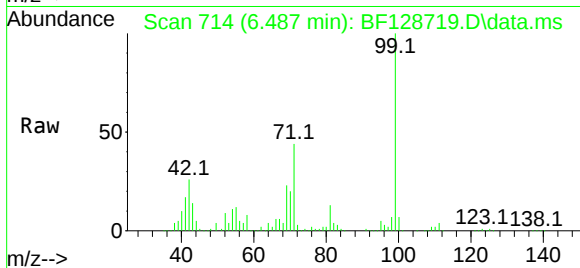
Tgt Ion:112 Resp: 265147
Ion Ratio Lower Upper
112 100
64 70.2 53.3 79.9
63 39.7 28.0 42.0



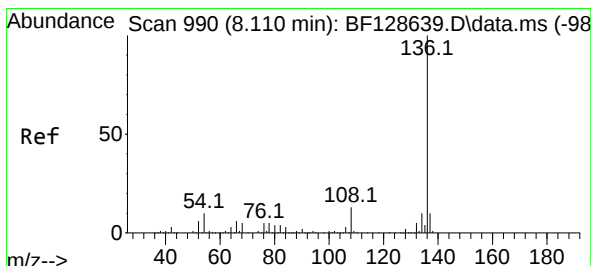
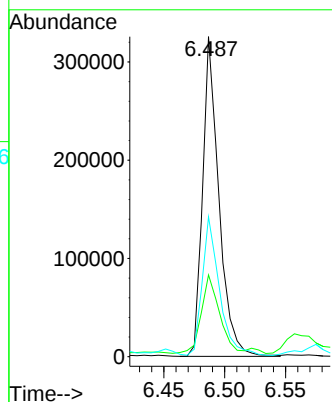
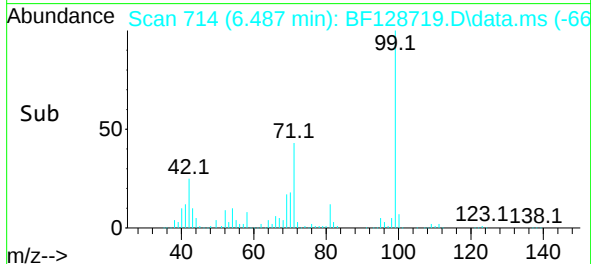


#7
Phenol-d6
Concen: 58.807 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128719.D
Acq: 07 Jun 2022 16:47

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

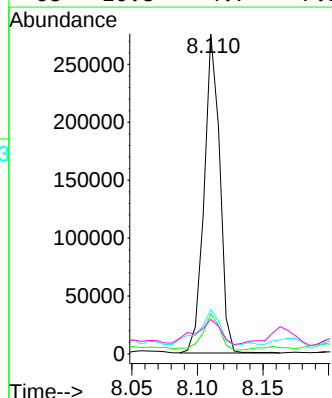
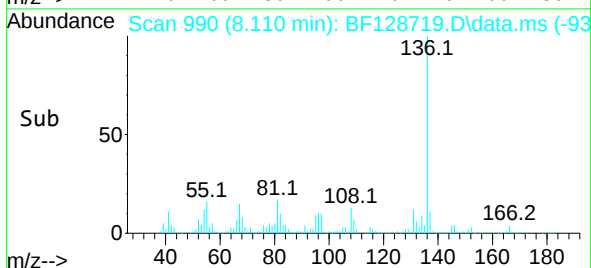
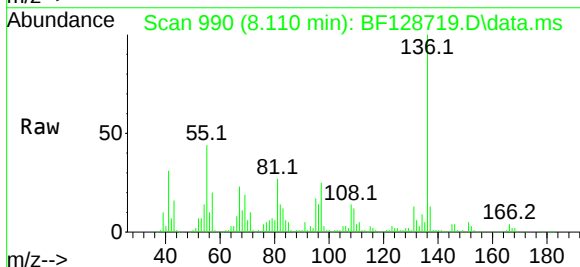


Tgt Ion: 99 Resp: 301757
Ion Ratio Lower Upper
99 100
42 25.5 17.3 25.9
71 43.7 28.9 43.3#



#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# 8

Delta R.T. -0.005 min

Lab File: BF128719.D

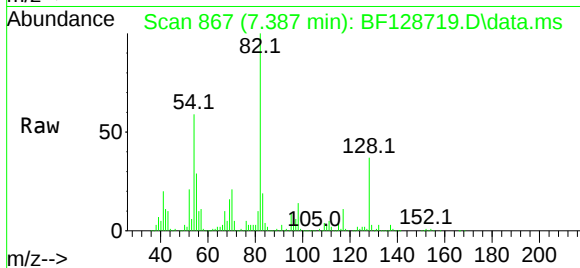
Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR



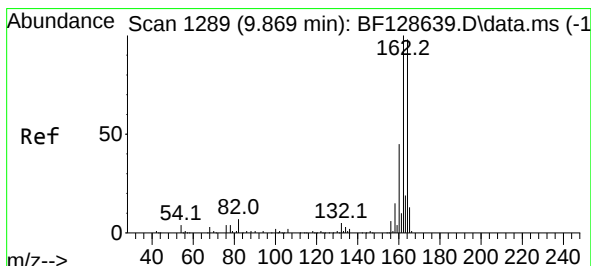
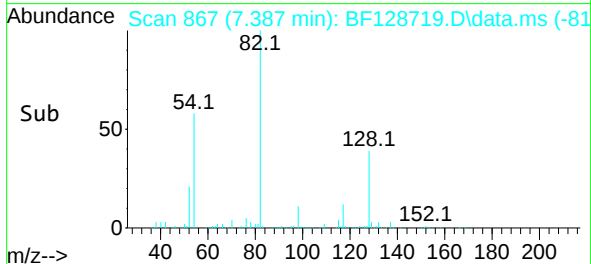
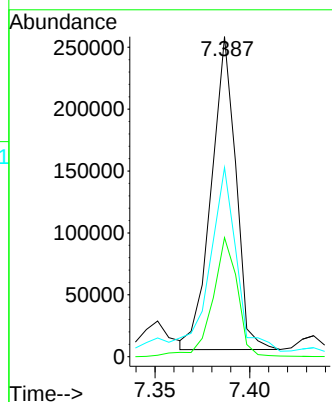
Tgt Ion: 82 Resp: 228608

Ion Ratio Lower Upper

82 100

128 37.2 34.0 51.0

54 59.1 46.9 70.3



#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

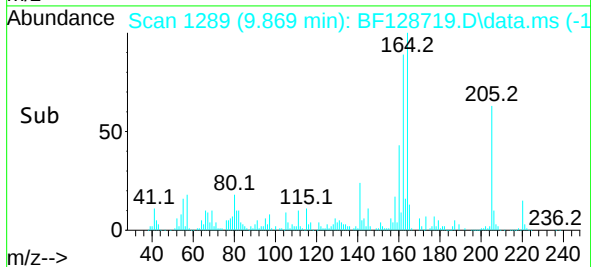
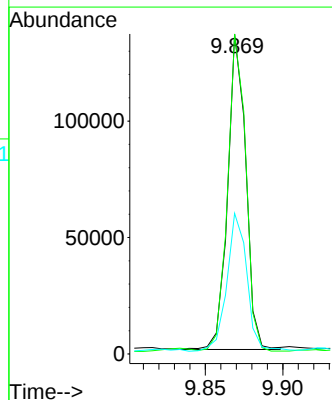
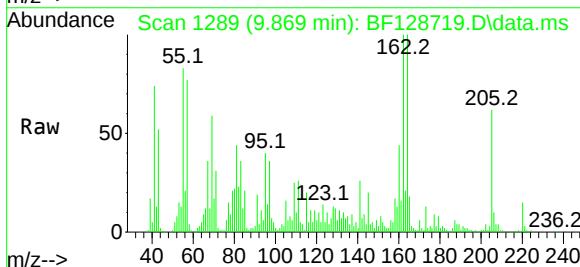
Tgt Ion:164 Resp: 109933

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

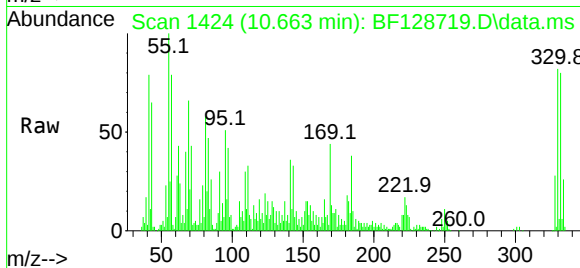
Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR



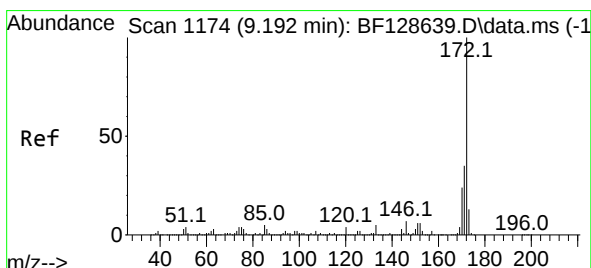
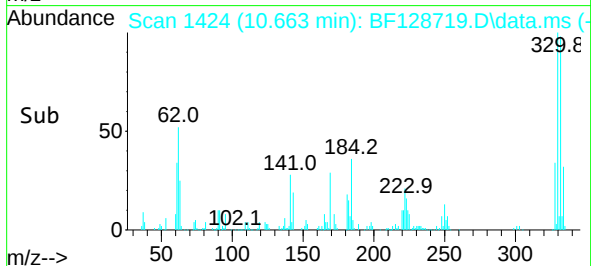
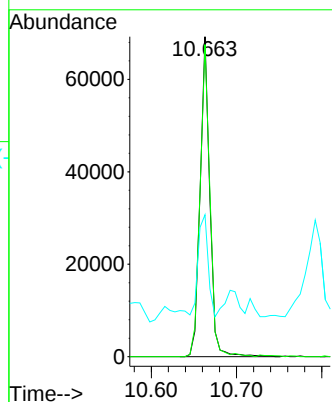
Tgt Ion:330 Resp: 54833

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

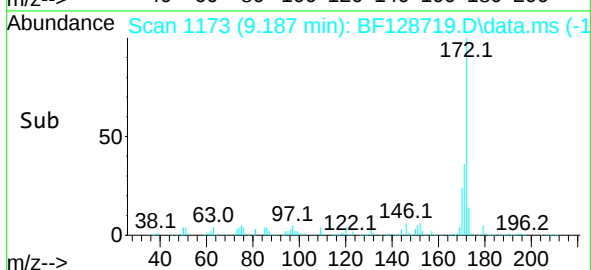
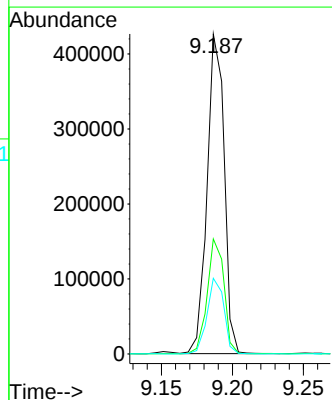
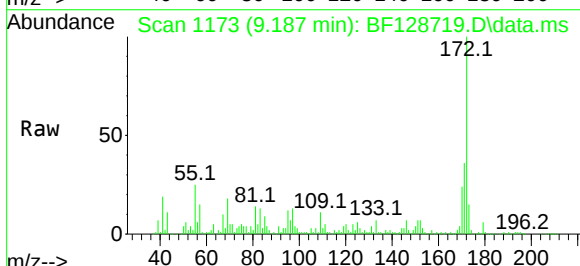
Tgt Ion:172 Resp: 357842

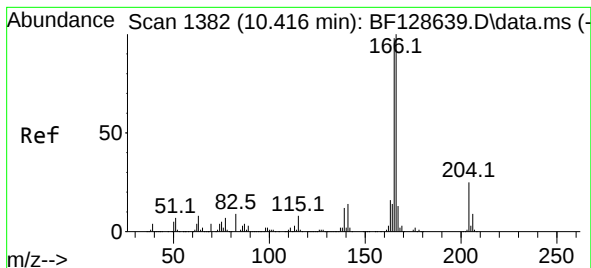
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.6 19.8 29.8





#58

Fluorene

Concen: 4.406 ng

RT: 10.416 min Scan# 1

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

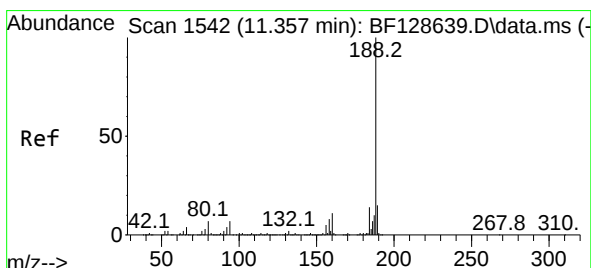
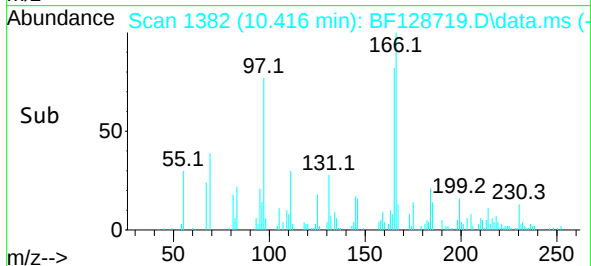
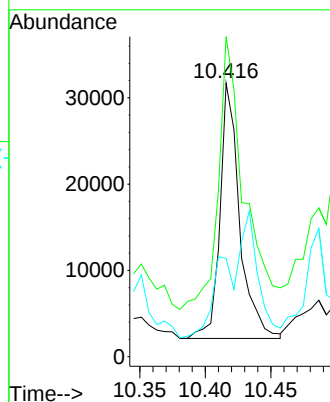
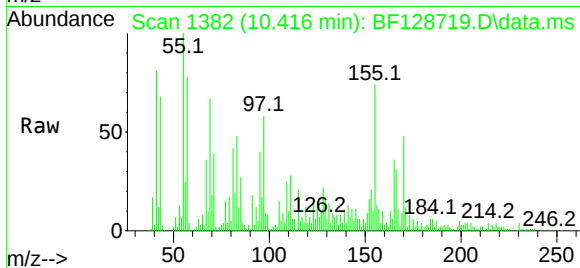
Tgt Ion:166 Resp: 30813

Ion Ratio Lower Upper

166 100

165 117.1 78.1 117.1

167 36.0 10.5 15.7#



#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

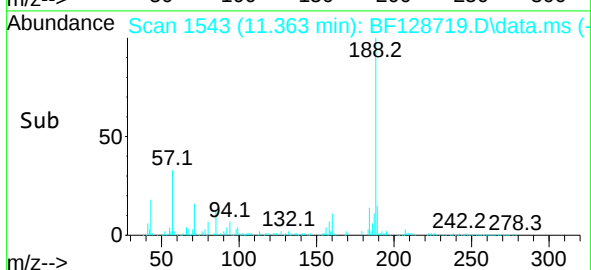
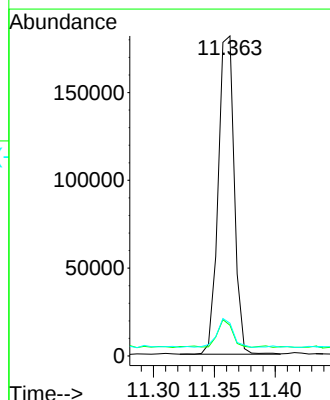
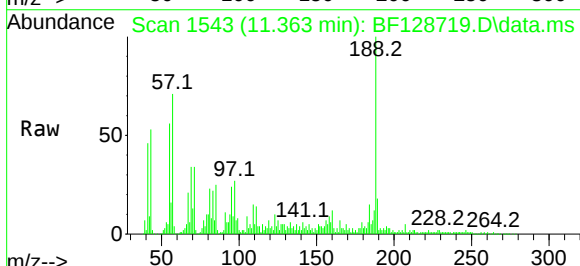
Tgt Ion:188 Resp: 166493

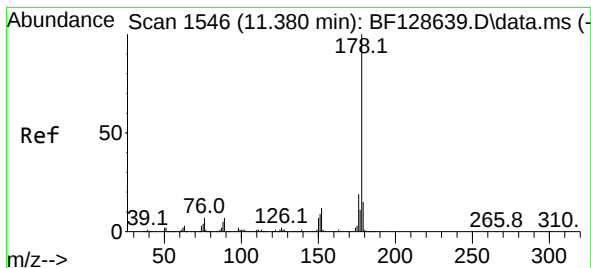
Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.2 7.6 11.4





#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

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR

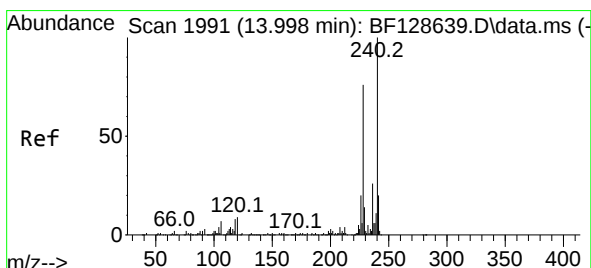
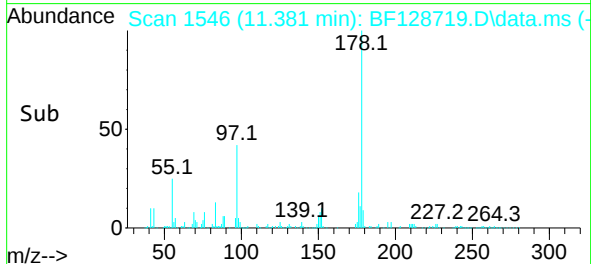
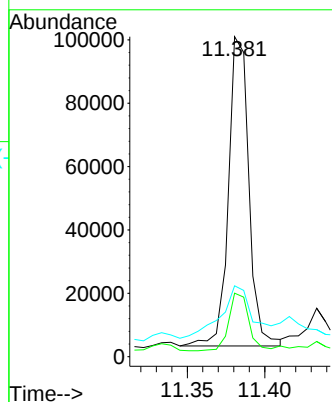
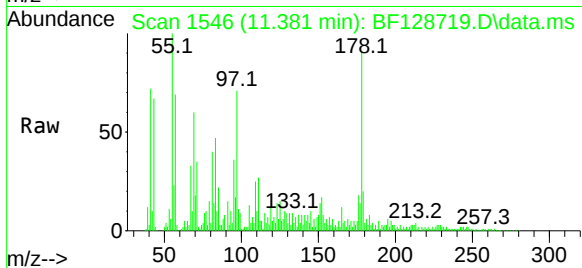
Tgt Ion:178 Resp: 89774

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# 1992

Delta R.T. 0.006 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

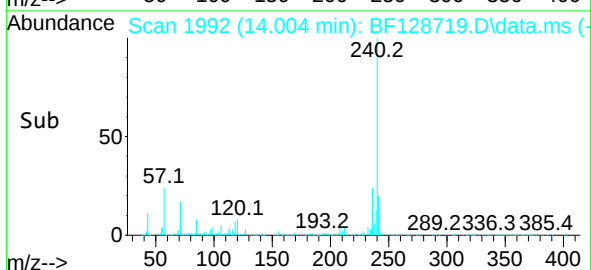
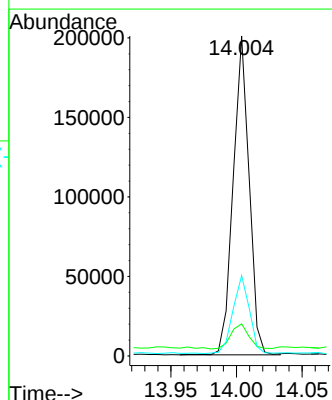
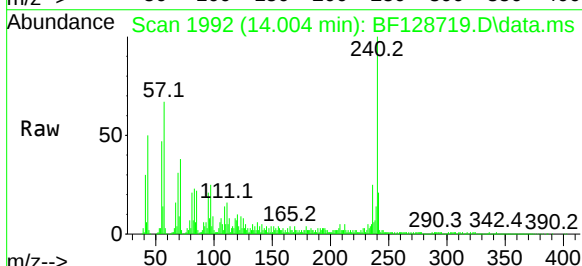
Tgt Ion:240 Resp: 169871

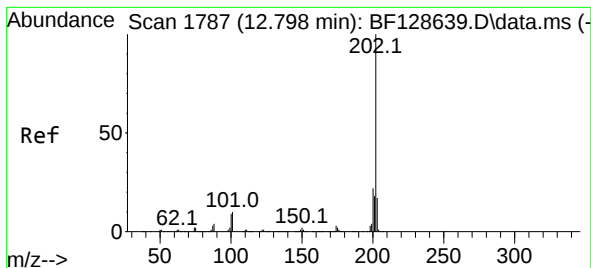
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.006 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

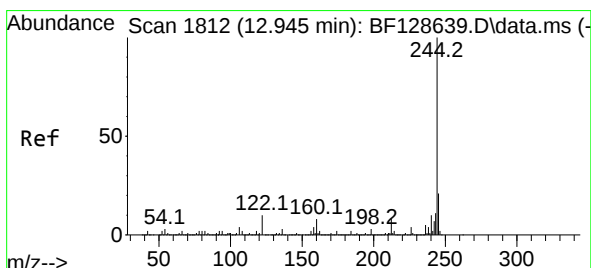
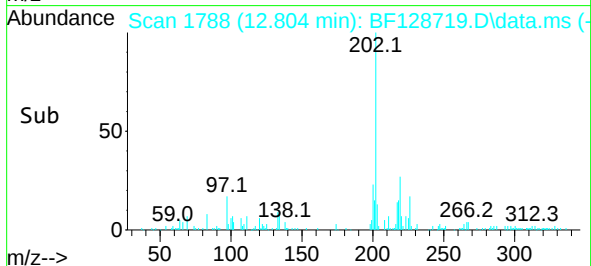
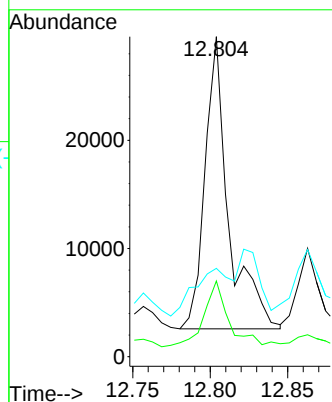
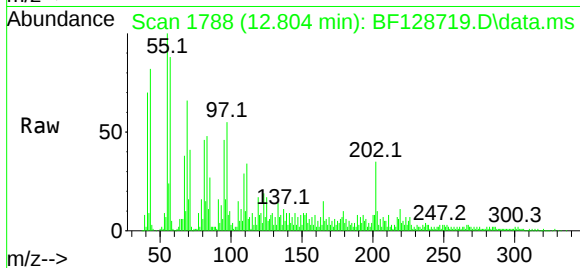
Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR

Tgt Ion:	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

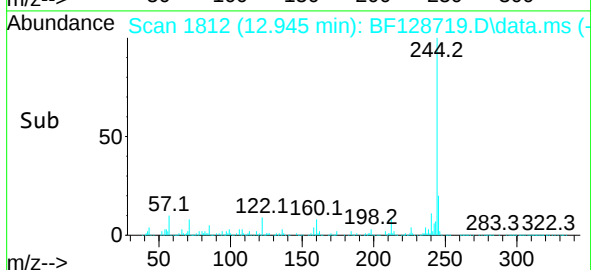
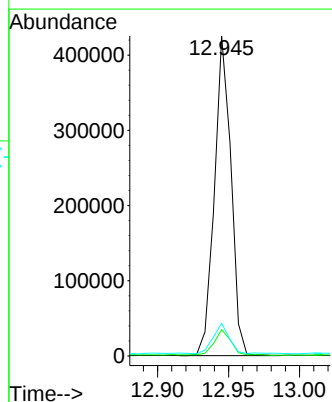
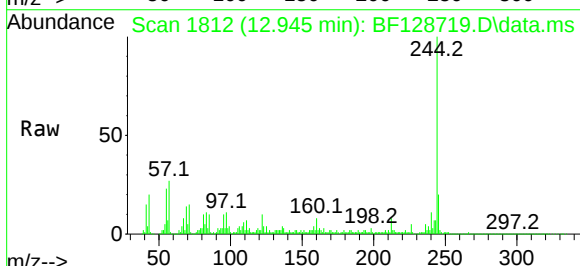
RT: 12.945 min Scan# 1812

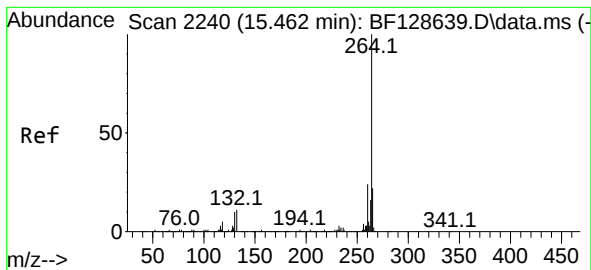
Delta R.T. 0.000 min

Lab File: BF128719.D

Acq: 07 Jun 2022 16:47

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# 21

Delta R.T. 0.018 min

Lab File: BF128719.D

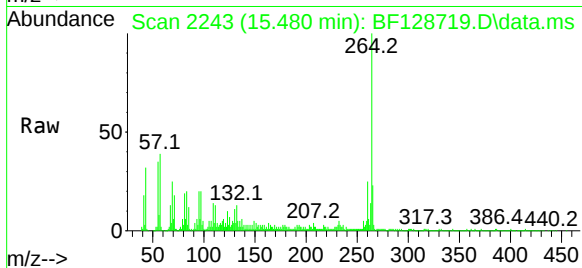
Acq: 07 Jun 2022 16:47

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-1-GR



Tgt Ion:264 Resp: 174029

Ion Ratio Lower Upper

264 100

260 24.6 18.4 27.6

265 22.6 17.2 25.8

