

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128912.D
 Acq On : 21 Jun 2022 22:24
 Operator : CG\JU
 Sample : N3373-08DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6WDL

Quant Time: Jun 22 01:56:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

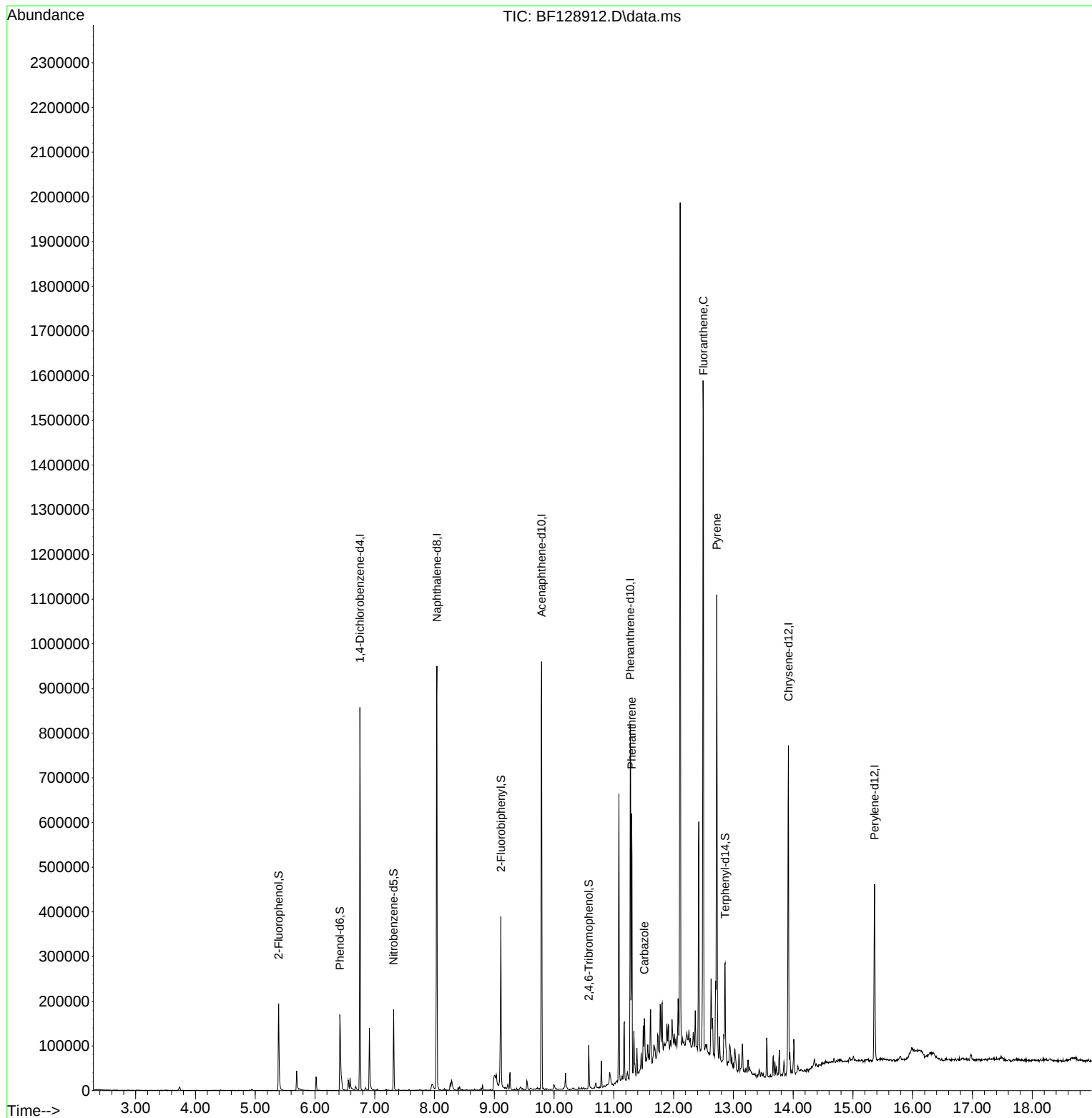
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	108593	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	390316	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	186239	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	281738	20.000	ng	0.00
76) Chrysene-d12	13.921	240	239979	20.000	ng	# 0.00
86) Perylene-d12	15.362	264	168344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	50245	7.370	ng	0.00
7) Phenol-d6	6.416	99	62363	7.494	ng	0.00
23) Nitrobenzene-d5	7.316	82	45326	5.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	10099	4.589	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	85845	6.457	ng	0.00
79) Terphenyl-d14	12.863	244	73083	5.292	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.298	178	201456	14.256	ng	98
73) Carbazole	11.510	167	36992	2.847	ng	99
75) Fluoranthene	12.498	202	624925	42.306	ng	94
78) Pyrene	12.721	202	372257	20.850	ng	98

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

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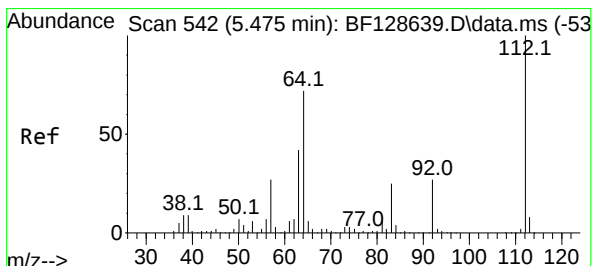
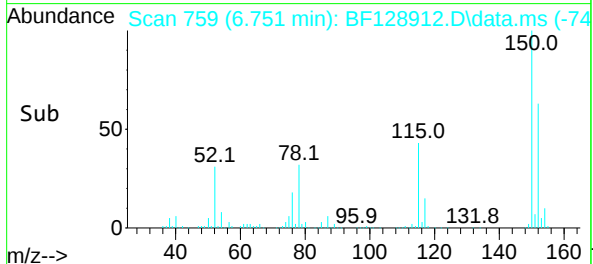
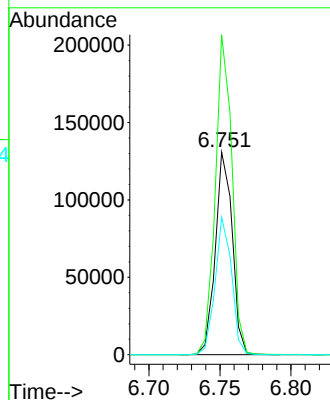
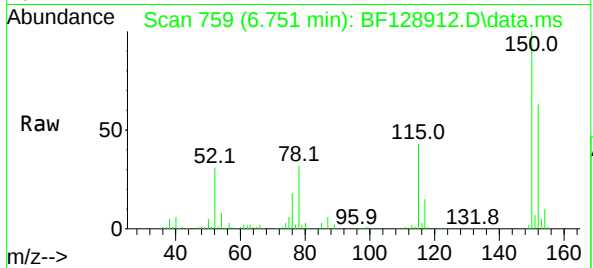




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

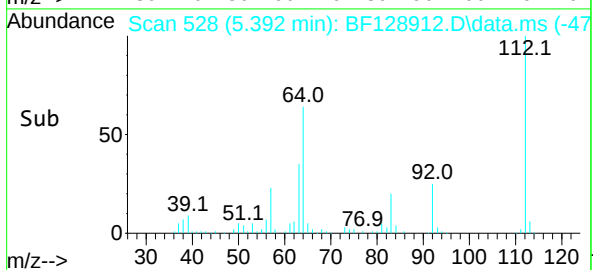
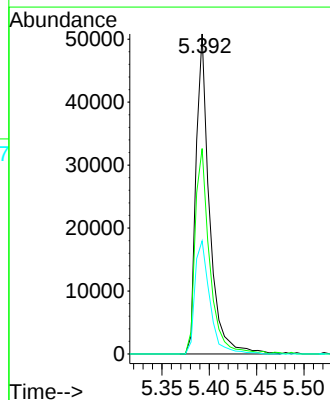
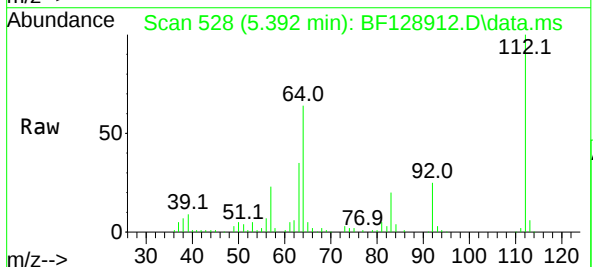
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

Tgt Ion:152 Resp: 108593
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 67.9 49.9 74.9



#5
2-Fluorophenol
Concen: 7.370 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:112 Resp: 50245
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 35.3 28.0 42.0

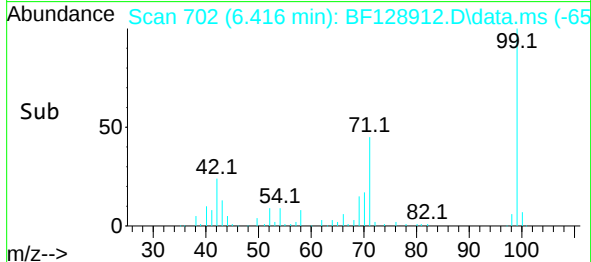
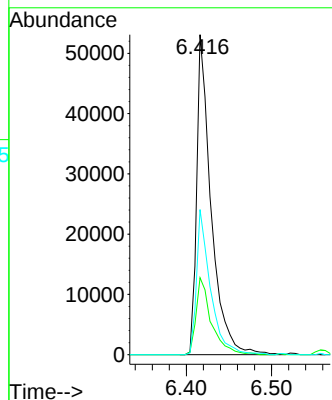
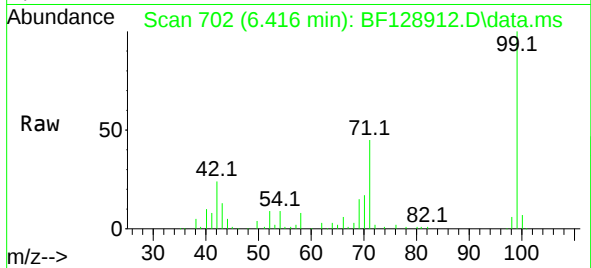




#7
Phenol-d6
Concen: 7.494 ng
RT: 6.416 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

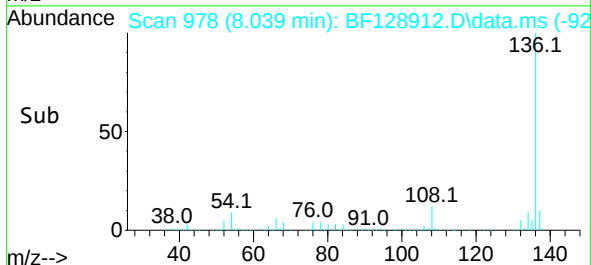
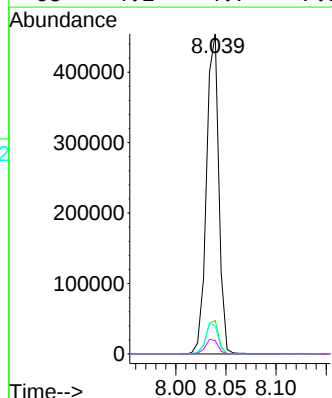
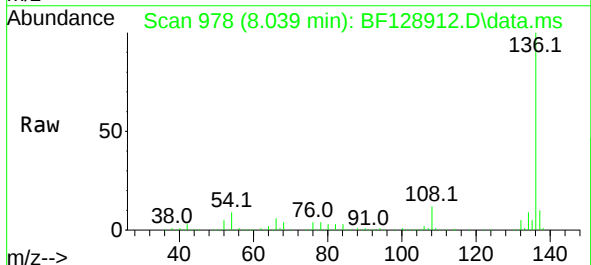
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

Tgt Ion: 99 Resp: 62363
Ion Ratio Lower Upper
99 100
42 24.0 17.3 25.9
71 45.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion: 136 Resp: 390316
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.7 7.5 11.3
68 4.2 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 5.407 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

Instrument :

BNA_F

ClientSampleId :

SC-6WDL

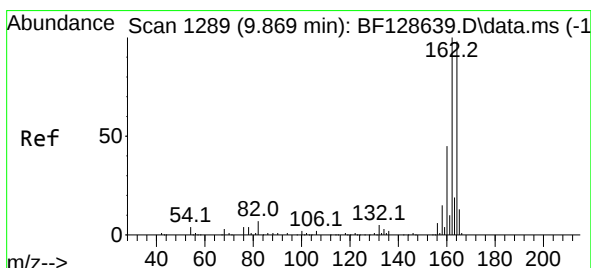
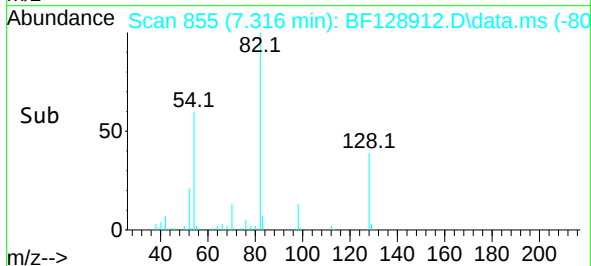
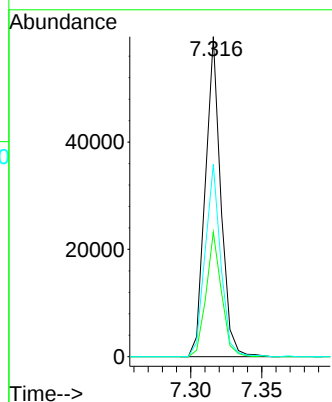
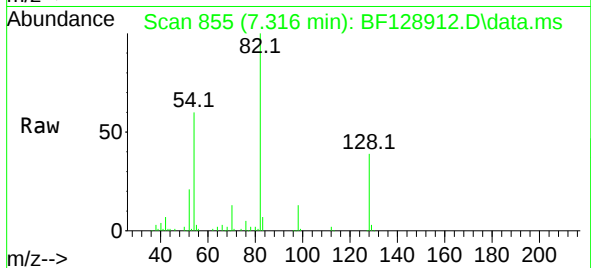
Tgt Ion: 82 Resp: 45326

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 60.1 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

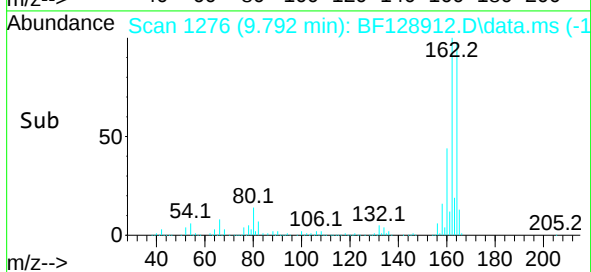
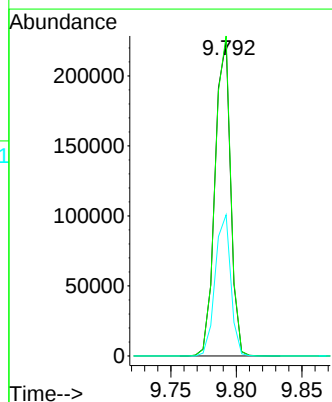
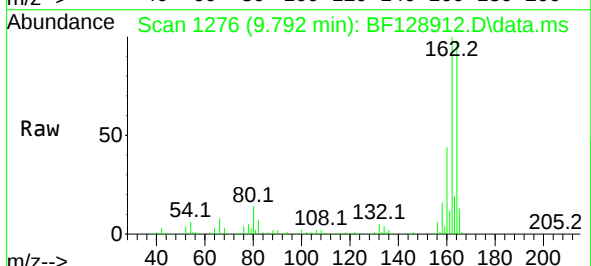
Tgt Ion: 164 Resp: 186239

Ion Ratio Lower Upper

164 100

162 101.6 79.5 119.3

160 44.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 4.589 ng

RT: 10.580 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128912.D

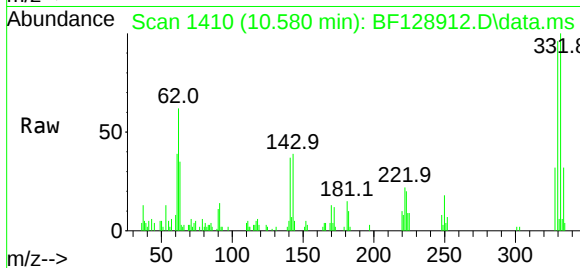
Acq: 21 Jun 2022 22:24

Instrument :

BNA_F

ClientSampleId :

SC-6WDL



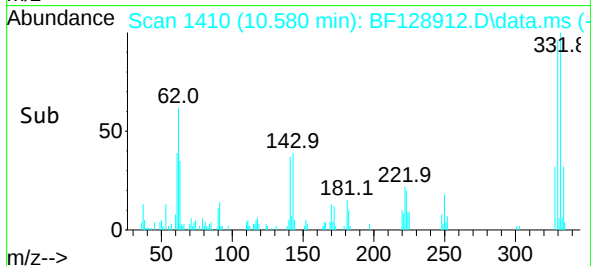
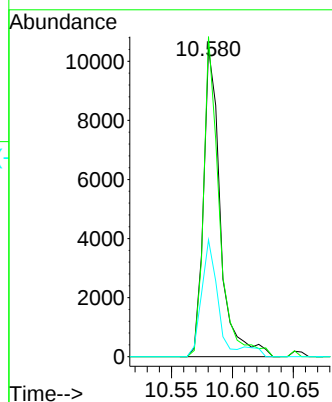
Tgt Ion:330 Resp: 10099

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

141 35.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 6.457 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

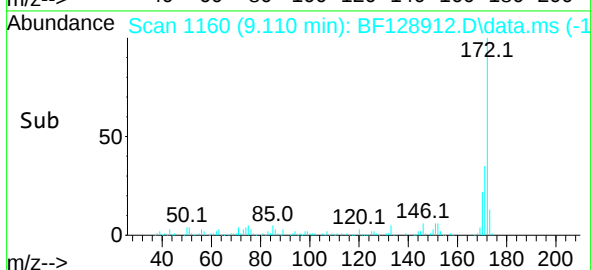
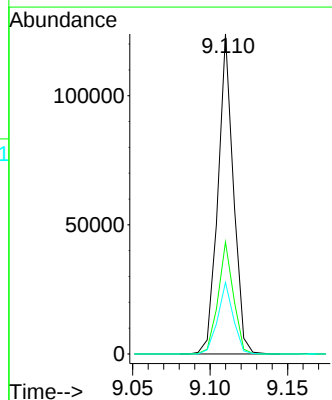
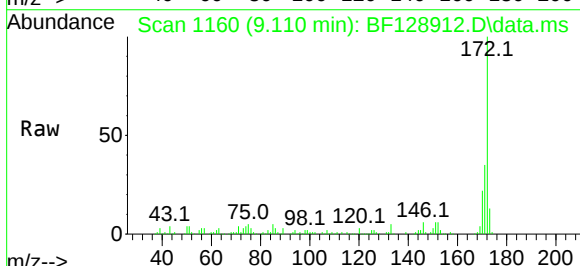
Tgt Ion:172 Resp: 85845

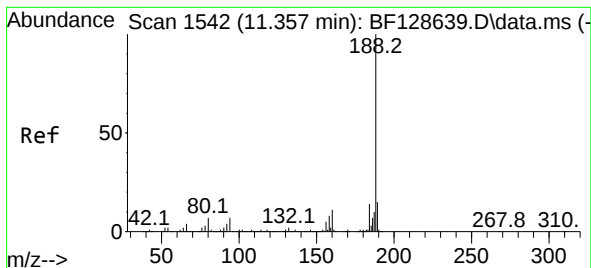
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 22.4 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.274 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

Instrument :

BNA_F

ClientSampleId :

SC-6WDL

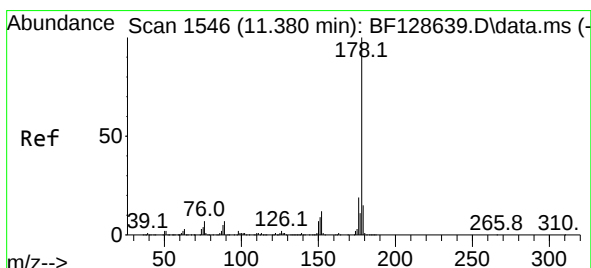
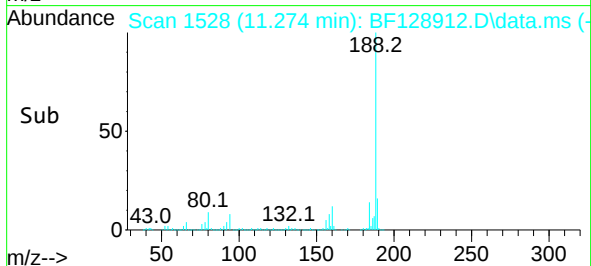
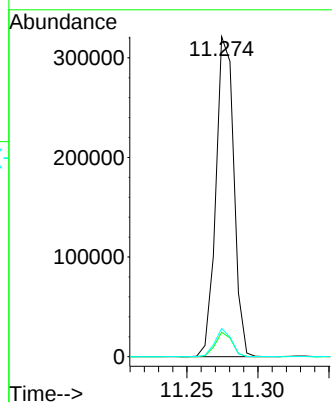
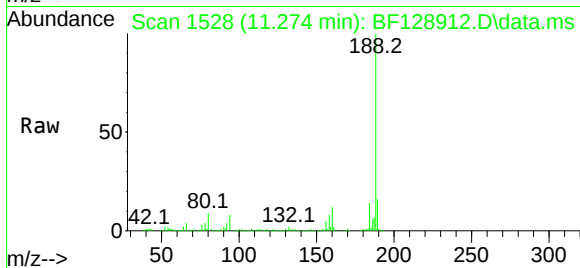
Tgt Ion:188 Resp: 281738

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 8.8 7.6 11.4



#71

Phenanthrene

Concen: 14.256 ng

RT: 11.298 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

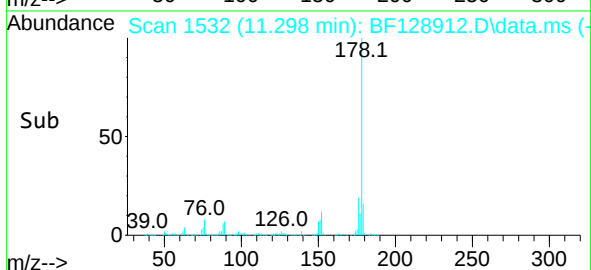
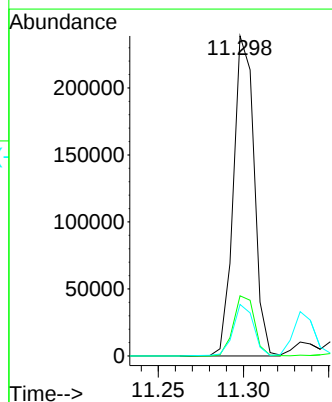
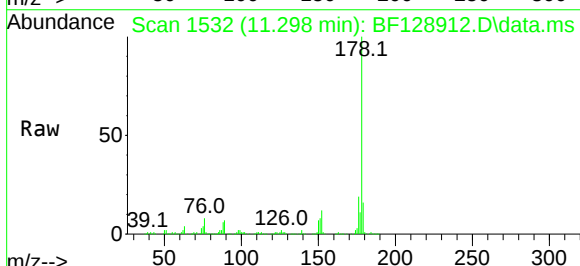
Tgt Ion:178 Resp: 201456

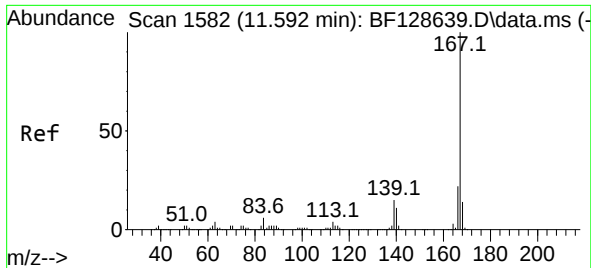
Ion Ratio Lower Upper

178 100

176 18.8 16.0 24.0

179 16.1 12.6 19.0

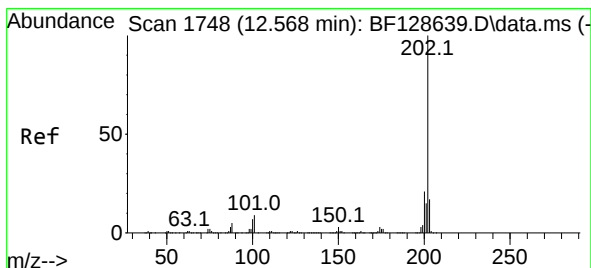
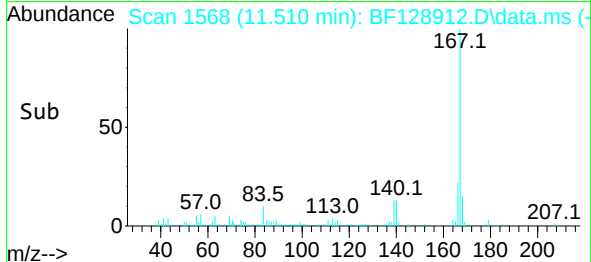
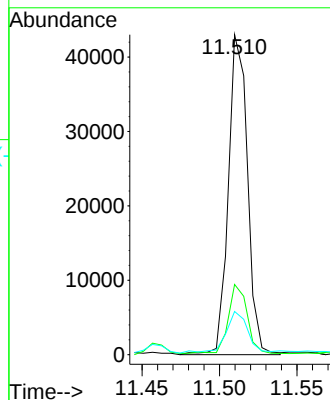
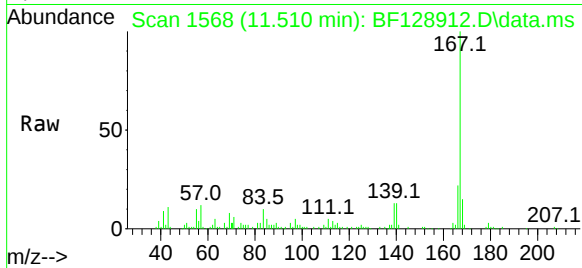




#73
 Carbazole
 Concen: 2.847 ng
 RT: 11.510 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128912.D
 Acq: 21 Jun 2022 22:24

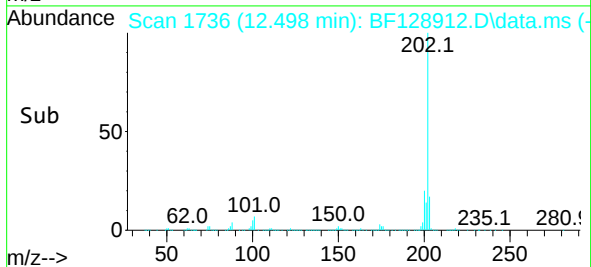
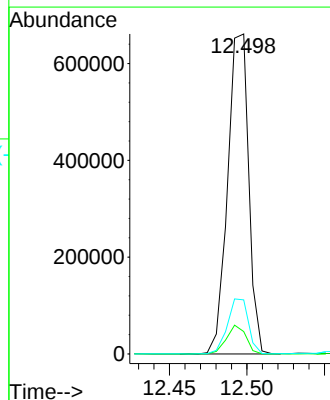
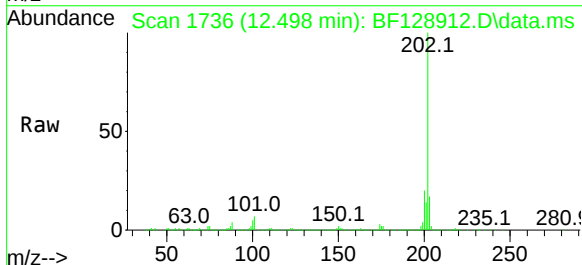
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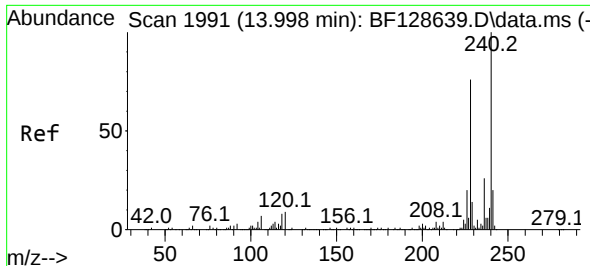
Tgt Ion:167 Resp: 36992
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.5 11.2 16.8



#75
 Fluoranthene
 Concen: 42.306 ng
 RT: 12.498 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: BF128912.D
 Acq: 21 Jun 2022 22:24

Tgt Ion:202 Resp: 624925
 Ion Ratio Lower Upper
 202 100
 101 7.0 0.0 31.4
 203 16.9 0.0 38.0

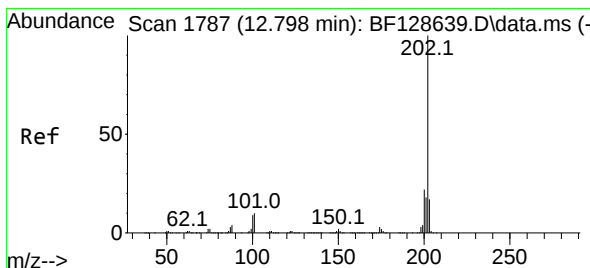
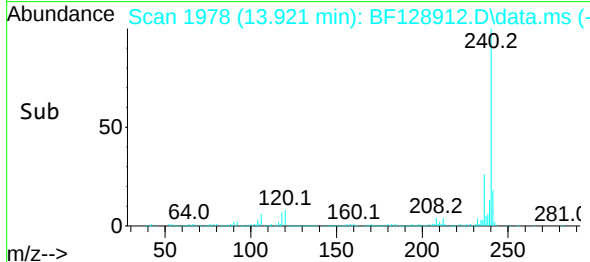
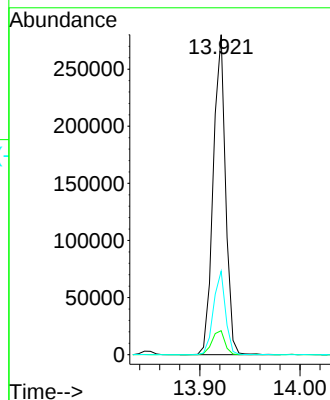
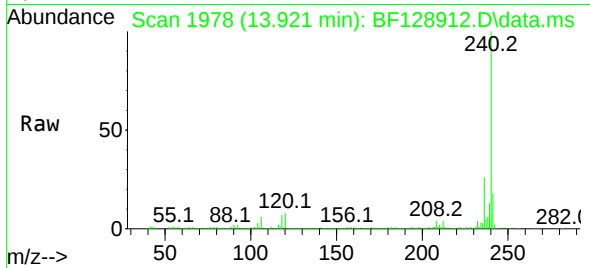




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

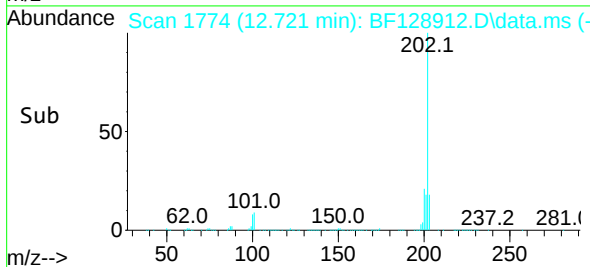
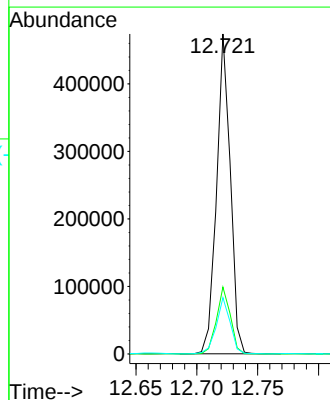
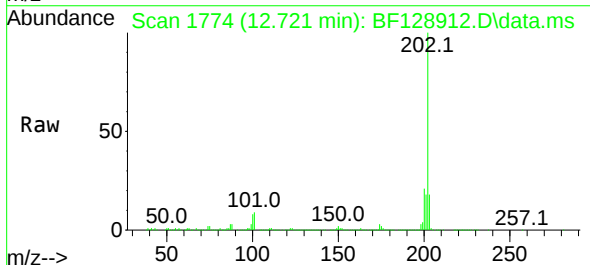
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BNA_F
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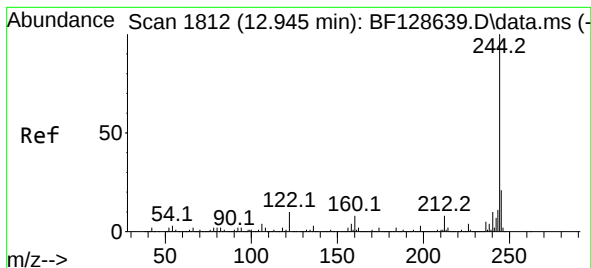
Tgt Ion:240 Resp: 239979
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 26.1 20.8 31.2



#78
Pyrene
Concen: 20.850 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:202 Resp: 372257
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 5.292 ng

RT: 12.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

Instrument :

BNA_F

ClientSampleId :

SC-6WDL

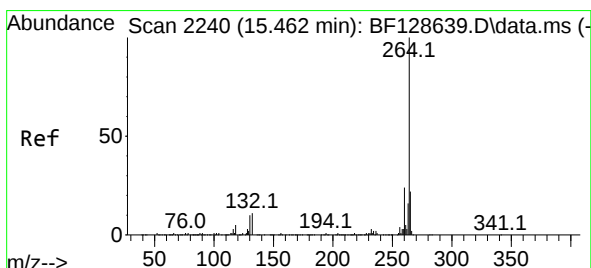
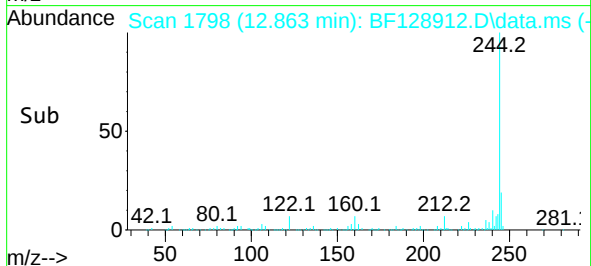
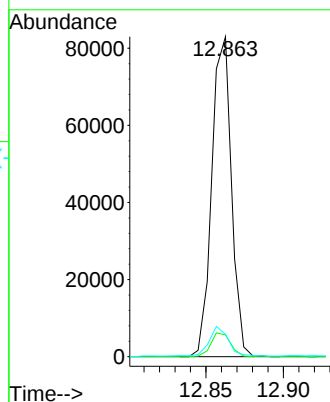
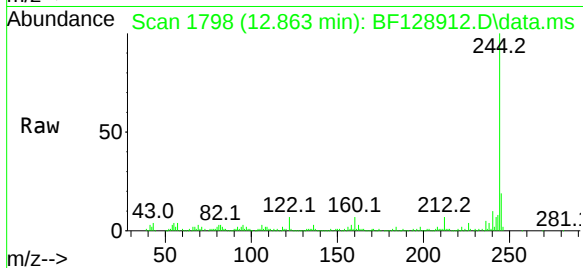
Tgt Ion:244 Resp: 73083

Ion Ratio Lower Upper

244 100

212 6.8 6.1 9.1

122 7.0 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.362 min Scan# 2223

Delta R.T. -0.000 min

Lab File: BF128912.D

Acq: 21 Jun 2022 22:24

Tgt Ion:264 Resp: 168344

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 20.5 17.2 25.8

