

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128889.D
 Acq On : 20 Jun 2022 21:14
 Operator : CG\JU
 Sample : N3373-02DL 20X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1EDL

Quant Time: Jun 21 01:20:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

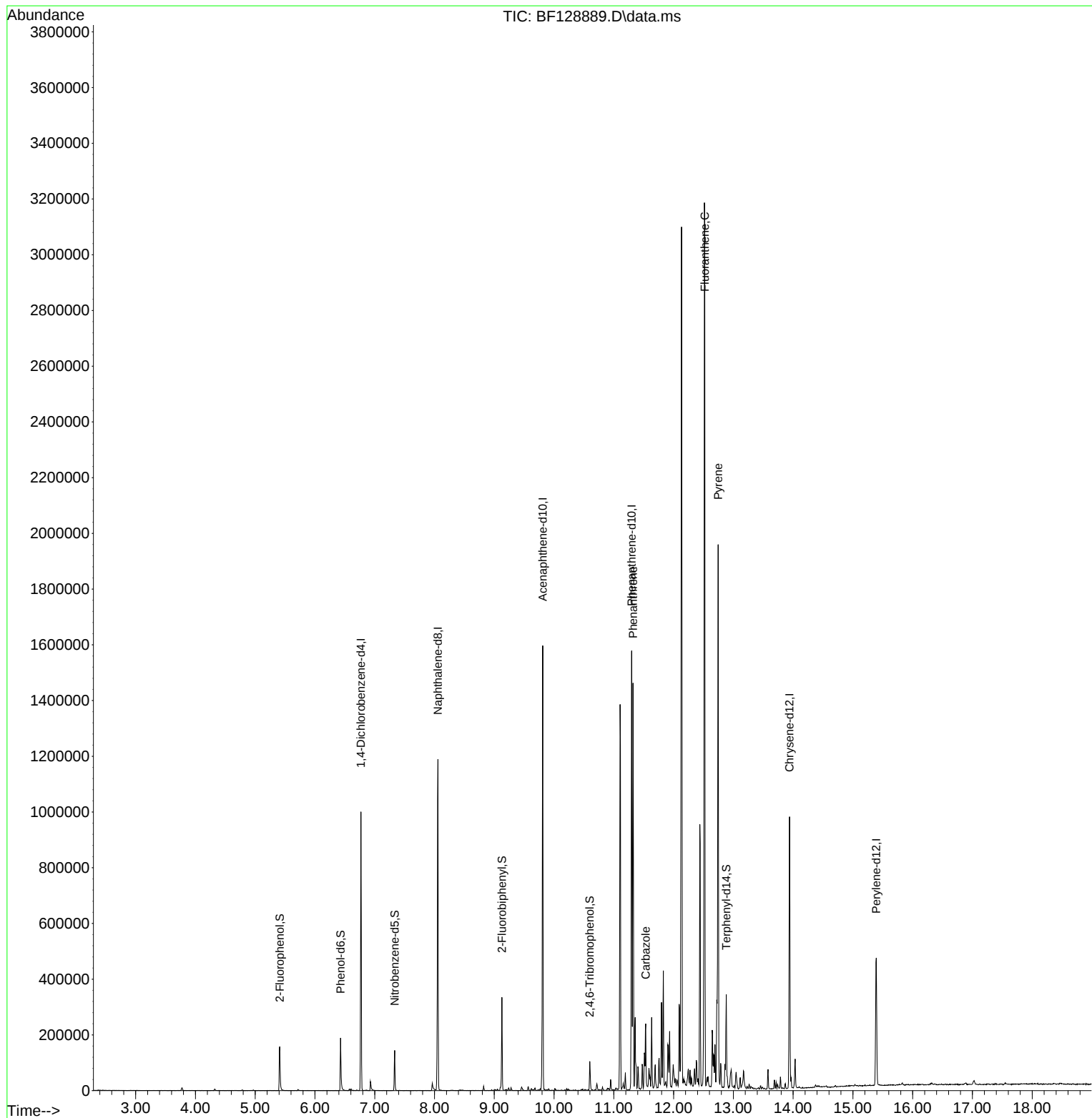
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	129252	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	505771	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	290907	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	542825	20.000	ng	0.00
76) Chrysene-d12	13.939	240	322320	20.000	ng	#-0.01
86) Perylene-d12	15.392	264	214900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	42497	5.237	ng	0.00
7) Phenol-d6	6.428	99	56934	5.748	ng	-0.01
23) Nitrobenzene-d5	7.334	82	40339	3.713	ng	-0.02
42) 2,4,6-Tribromophenol	10.598	330	11898	3.462	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	88310	4.252	ng	-0.01
79) Terphenyl-d14	12.880	244	96288	5.191	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.322	178	464438	17.058	ng	100
73) Carbazole	11.533	167	85197	3.404	ng	97
75) Fluoranthene	12.522	202	1389132	48.809	ng	95
78) Pyrene	12.745	202	736216	30.701	ng	99

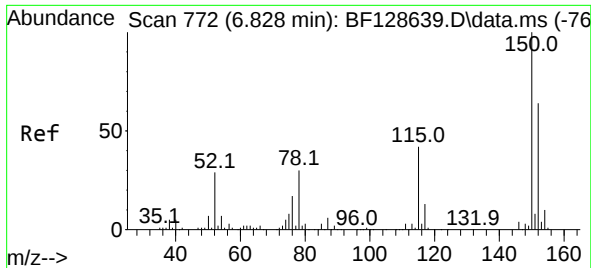
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128889.D
Acq On : 20 Jun 2022 21:14
Operator : CG\JU
Sample : N3373-02DL 20X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SC-1EDL

Quant Time: Jun 21 01:20:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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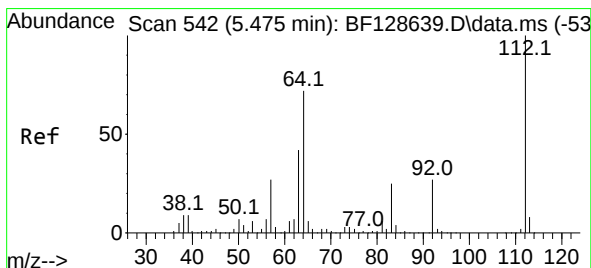
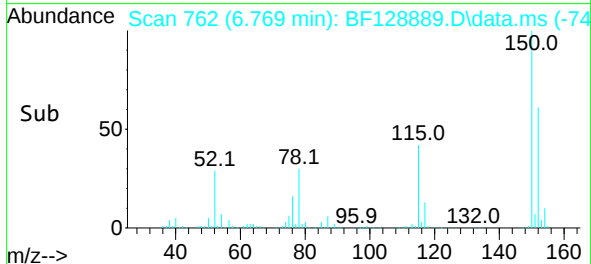
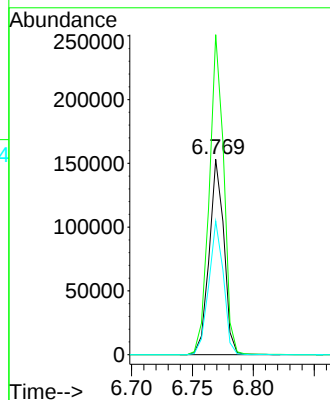
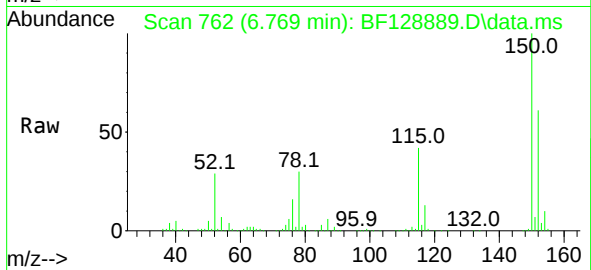




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128889.D
Acq: 20 Jun 2022 21:14

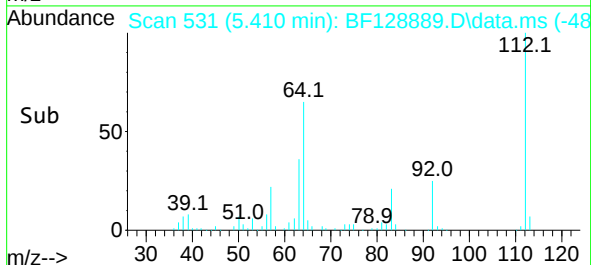
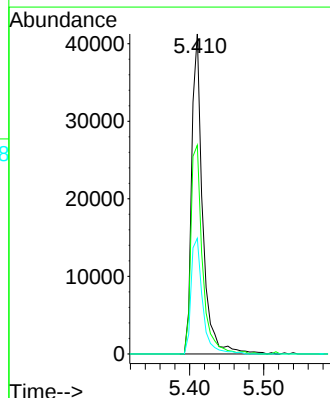
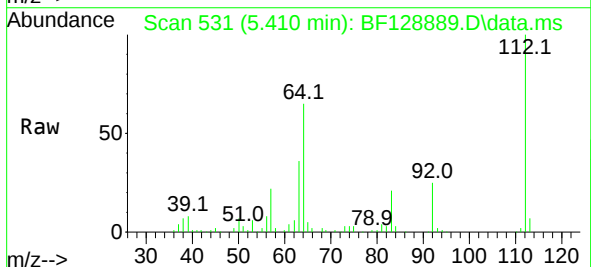
Instrument :
BNA_F
ClientSampleId :
SC-1EDL

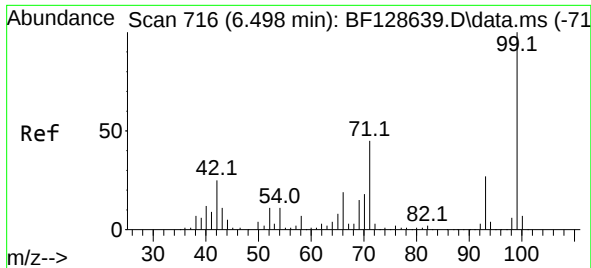
Tgt Ion:152 Resp: 129252
Ion Ratio Lower Upper
152 100
150 163.7 123.7 185.5
115 68.3 49.9 74.9



#5
2-Fluorophenol
Concen: 5.237 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.000 min
Lab File: BF128889.D
Acq: 20 Jun 2022 21:14

Tgt Ion:112 Resp: 42497
Ion Ratio Lower Upper
112 100
64 65.3 53.3 79.9
63 36.2 28.0 42.0

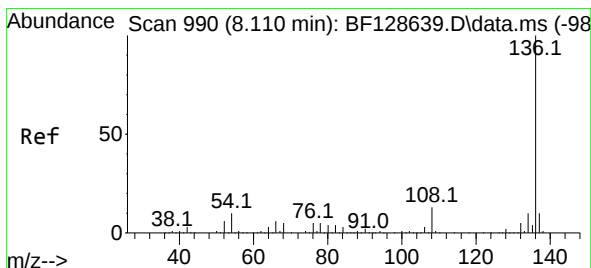
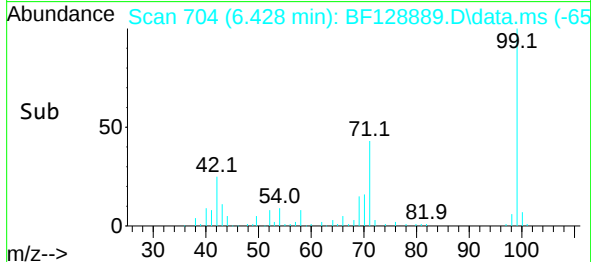
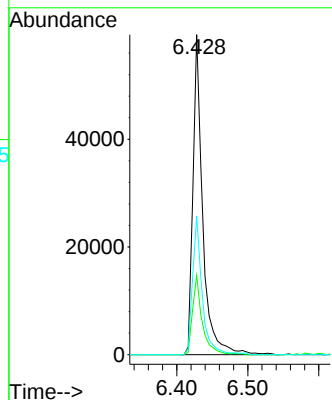
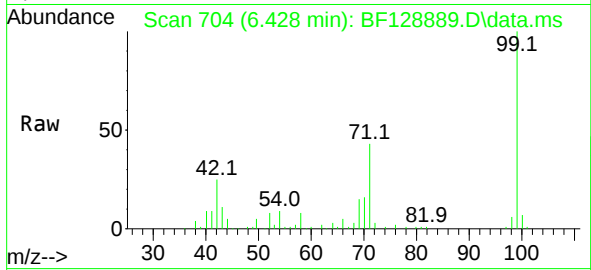




#7
Phenol-d6
Concen: 5.748 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF128889.D
Acq: 20 Jun 2022 21:14

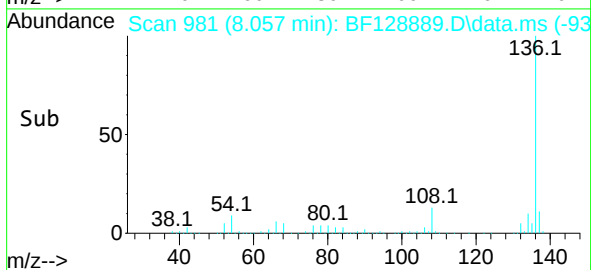
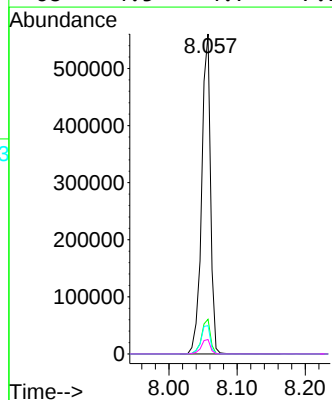
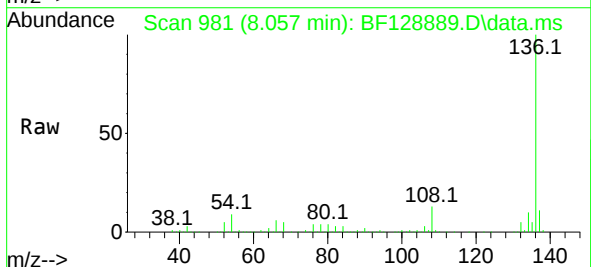
Instrument :
BNA_F
ClientSampleId :
SC-1EDL

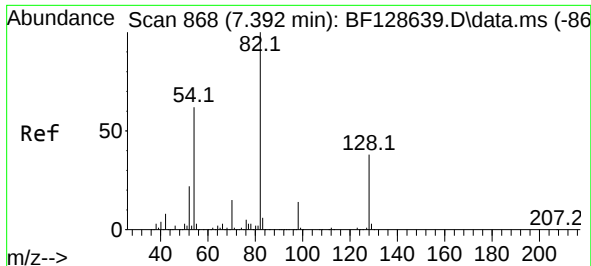
Tgt Ion: 99 Resp: 56934
Ion Ratio Lower Upper
99 100
42 24.8 17.3 25.9
71 43.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128889.D
Acq: 20 Jun 2022 21:14

Tgt Ion: 136 Resp: 505771
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.8 7.5 11.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 3.713 ng

RT: 7.334 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

SC-1EDL

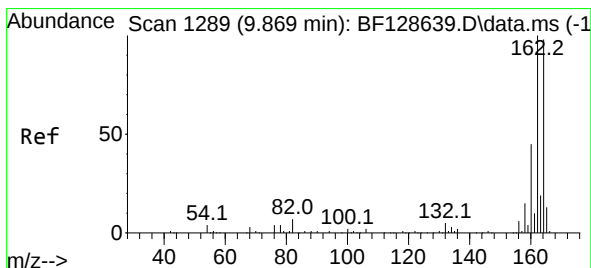
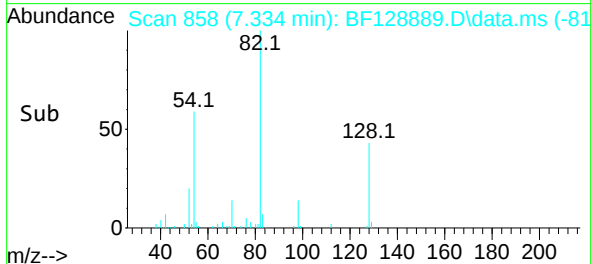
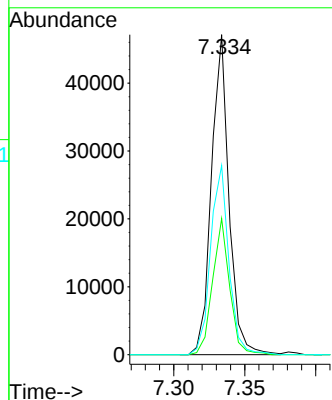
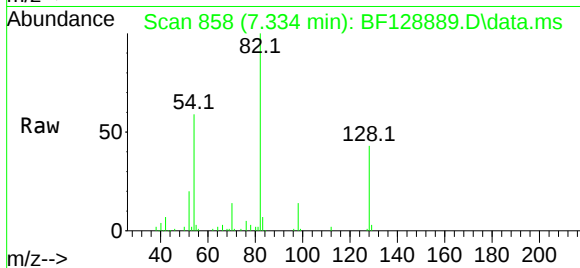
Tgt Ion: 82 Resp: 40339

Ion Ratio Lower Upper

82 100

128 42.5 34.0 51.0

54 59.1 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

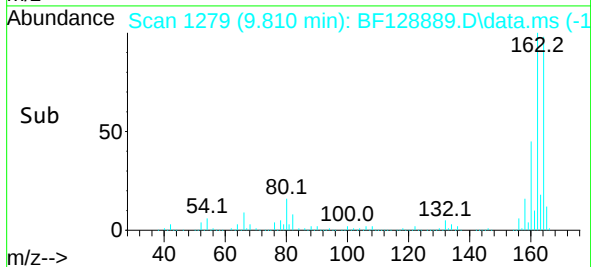
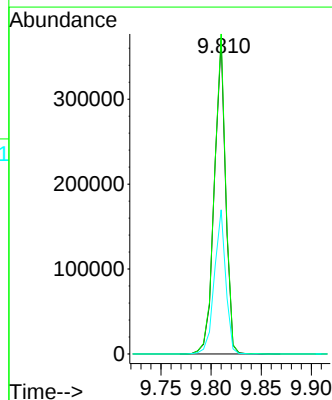
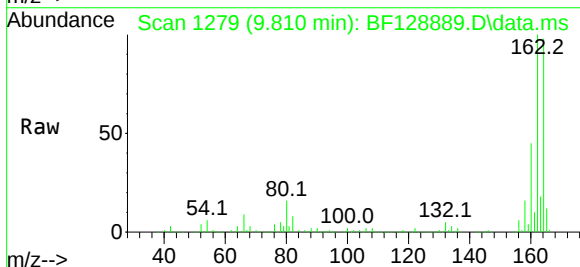
Tgt Ion: 164 Resp: 290907

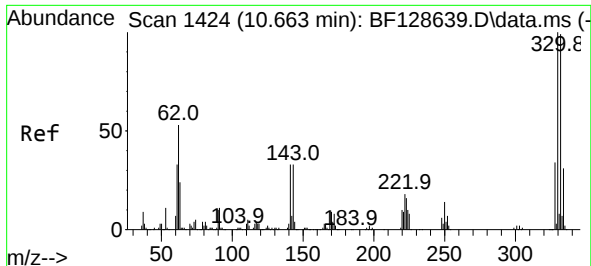
Ion Ratio Lower Upper

164 100

162 102.0 79.5 119.3

160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 3.462 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128889.D

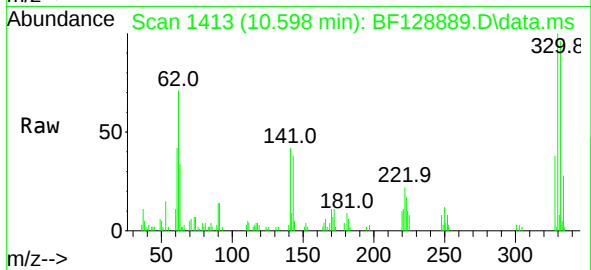
Acq: 20 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

SC-1EDL



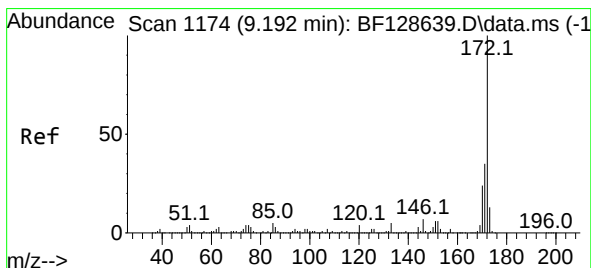
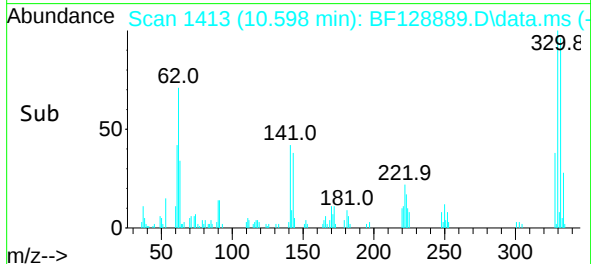
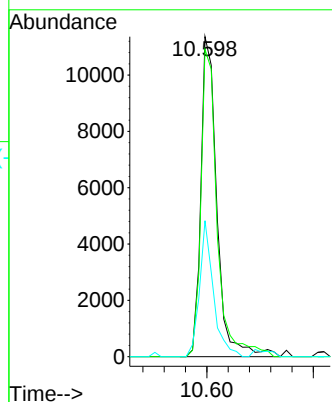
Tgt Ion:330 Resp: 11898

Ion Ratio Lower Upper

330 100

332 97.3 76.8 115.2

141 36.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 4.252 ng

RT: 9.128 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

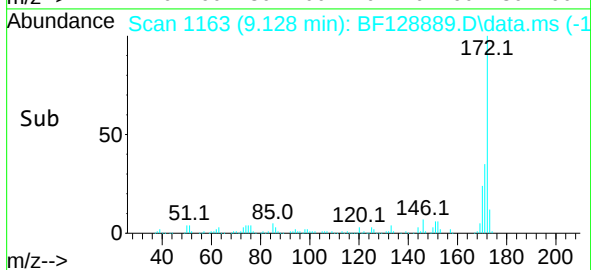
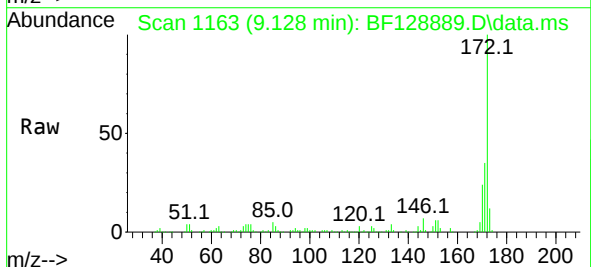
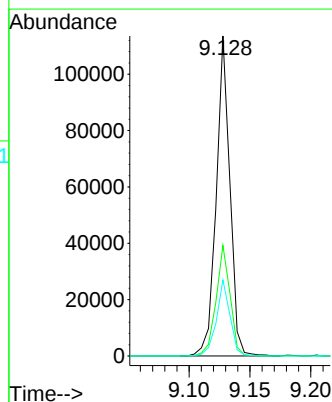
Tgt Ion:172 Resp: 88310

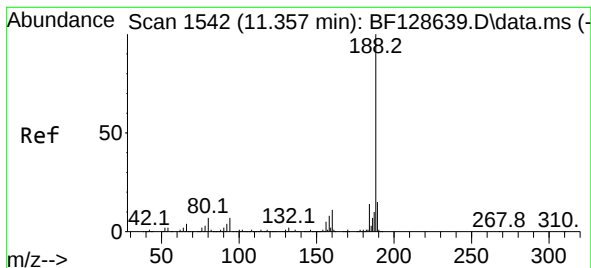
Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.8 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

SC-1EDL

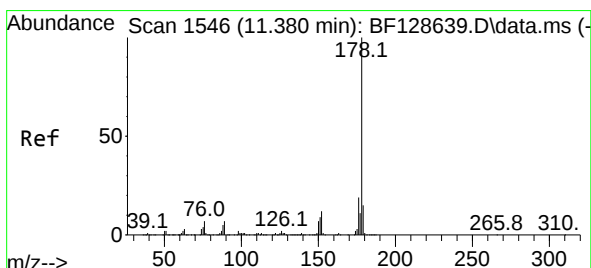
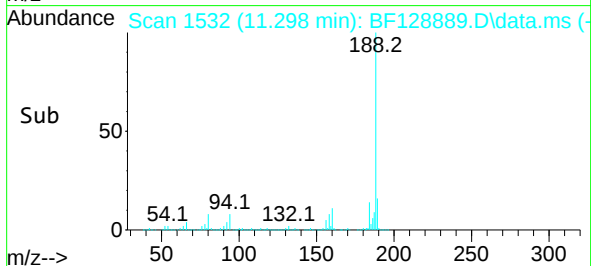
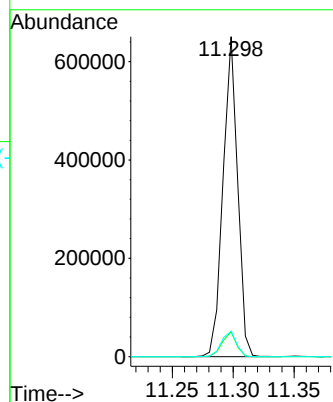
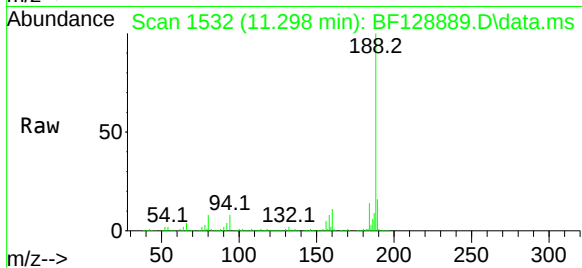
Tgt Ion:188 Resp: 542825

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.0 7.6 11.4



#71

Phenanthrene

Concen: 17.058 ng

RT: 11.322 min Scan# 1536

Delta R.T. -0.012 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

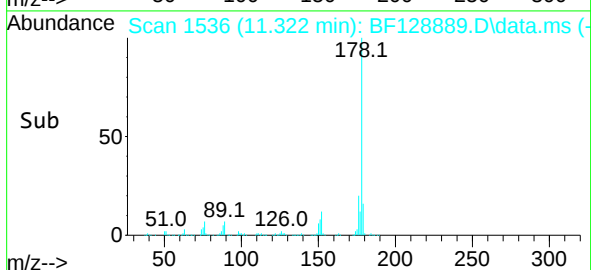
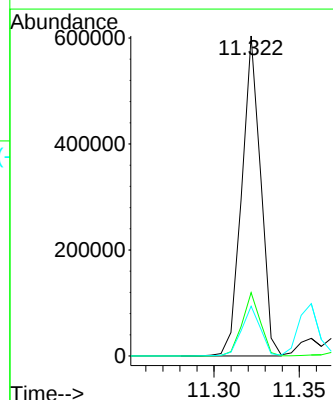
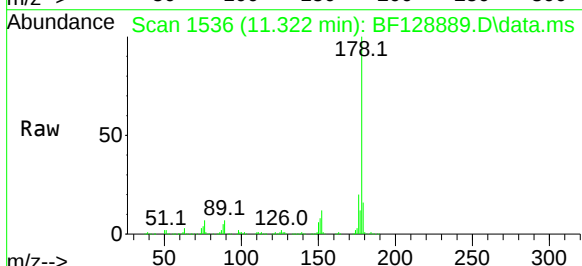
Tgt Ion:178 Resp: 464438

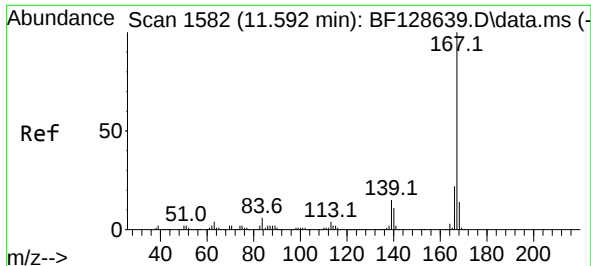
Ion Ratio Lower Upper

178 100

176 19.8 16.0 24.0

179 15.6 12.6 19.0

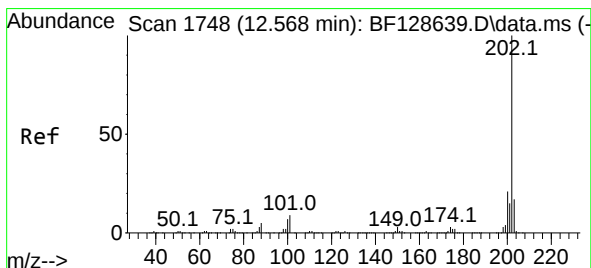
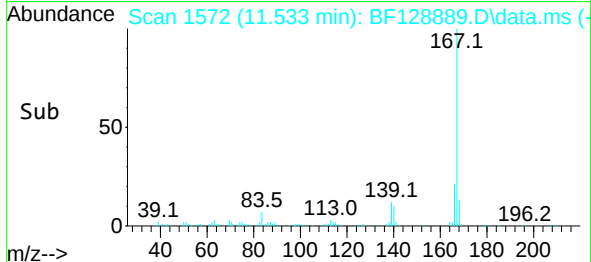
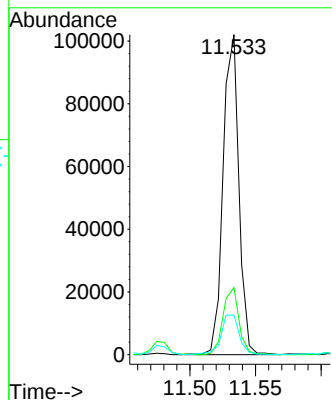
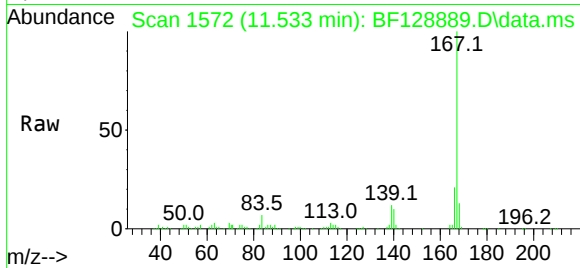




#73
 Carbazole
 Concen: 3.404 ng
 RT: 11.533 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128889.D
 Acq: 20 Jun 2022 21:14

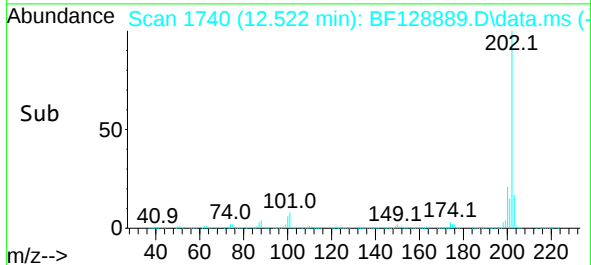
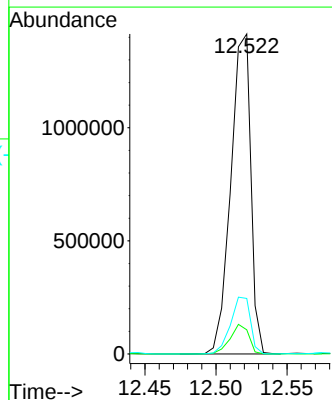
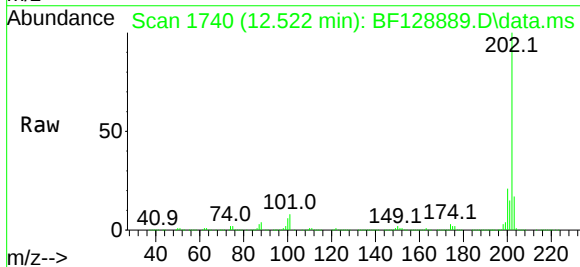
Instrument :
 BNA_F
 ClientSampleId :
 SC-1EDL

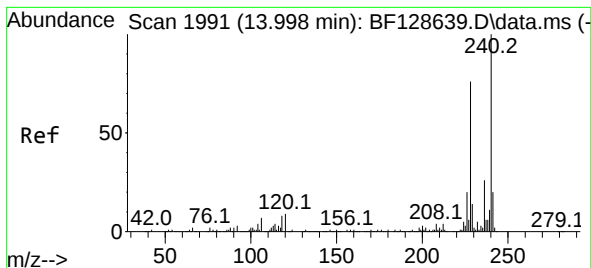
Tgt Ion:167 Resp: 85197
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.7 26.5
 139 12.4 11.2 16.8



#75
 Fluoranthene
 Concen: 48.809 ng
 RT: 12.522 min Scan# 1740
 Delta R.T. 0.000 min
 Lab File: BF128889.D
 Acq: 20 Jun 2022 21:14

Tgt Ion:202 Resp: 1389132
 Ion Ratio Lower Upper
 202 100
 101 7.6 0.0 31.4
 203 17.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 1991

Delta R.T. -0.012 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

Instrument :

BNA_F

ClientSampleId :

SC-1EDL

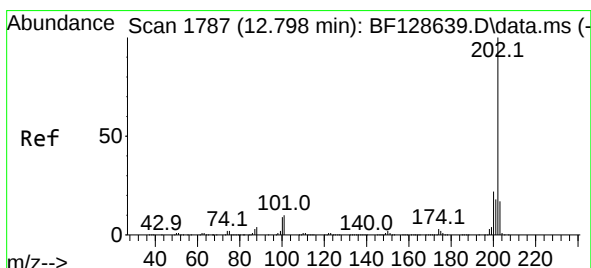
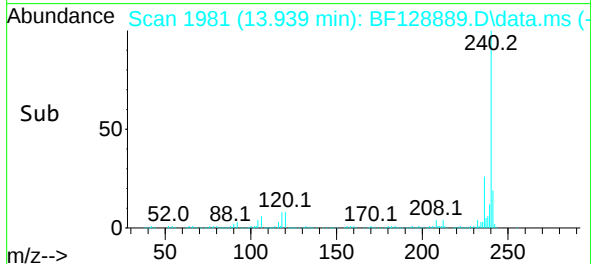
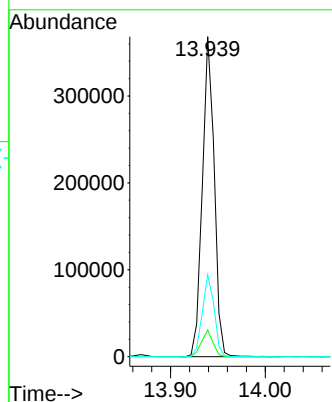
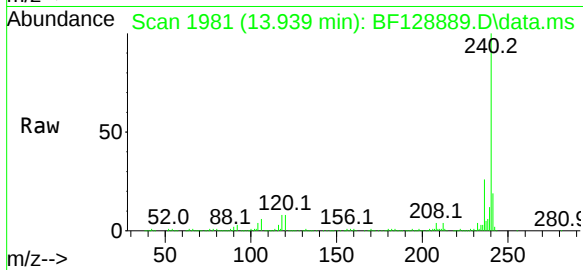
Tgt Ion:240 Resp: 322320

Ion Ratio Lower Upper

240 100

120 8.3 8.9 13.3#

236 25.7 20.8 31.2



#78

Pyrene

Concen: 30.701 ng

RT: 12.745 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF128889.D

Acq: 20 Jun 2022 21:14

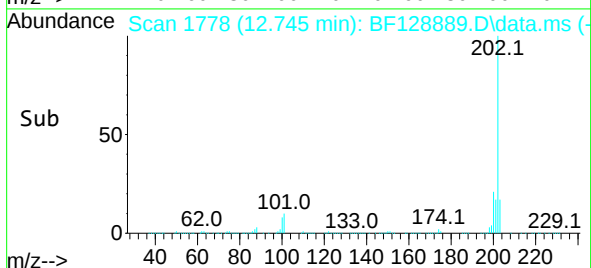
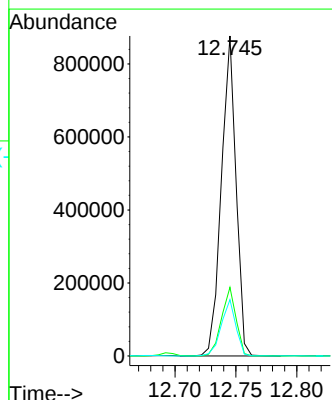
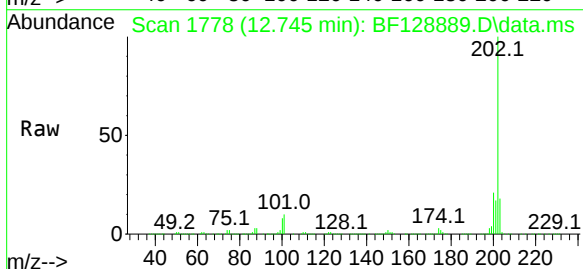
Tgt Ion:202 Resp: 736216

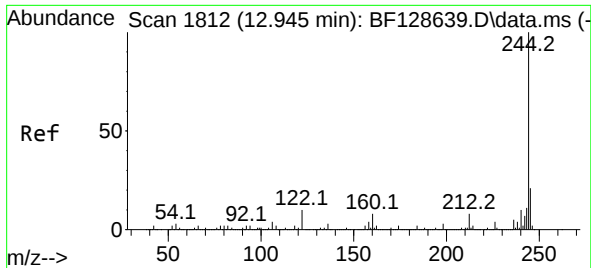
Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

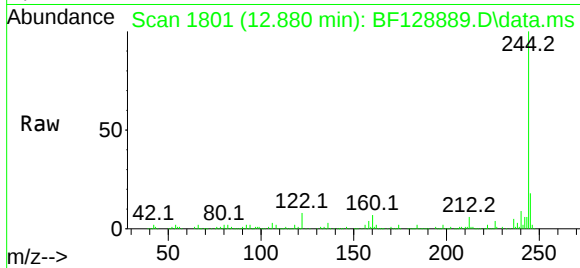
203 17.6 14.6 21.8



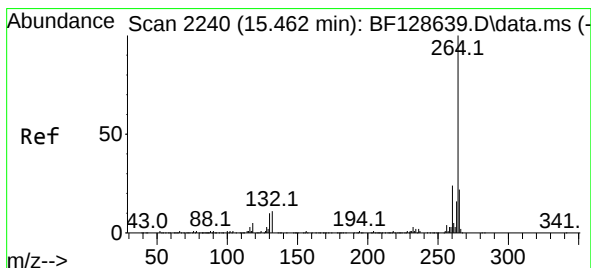
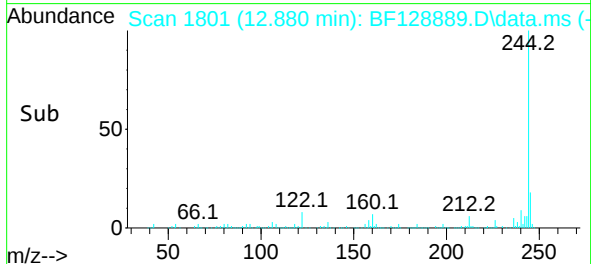
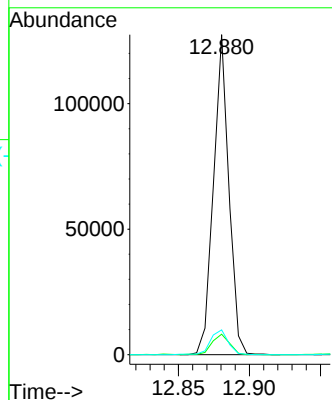


#79
 Terphenyl-d14
 Concen: 5.191 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128889.D
 Acq: 20 Jun 2022 21:14

Instrument :
 BNA_F
 ClientSampleId :
 SC-1EDL



Tgt Ion:244 Resp: 96288
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.1 9.1
 122 7.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF128889.D
 Acq: 20 Jun 2022 21:14

Tgt Ion:264 Resp: 214900
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.6 17.2 25.8

