

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128858.D
 Acq On : 17 Jun 2022 17:09
 Operator : CG\JU
 Sample : N3373-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6S

Quant Time: Jun 18 05:06:58 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 14 14:53:53 2022
 Response via : Initial Calibration

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

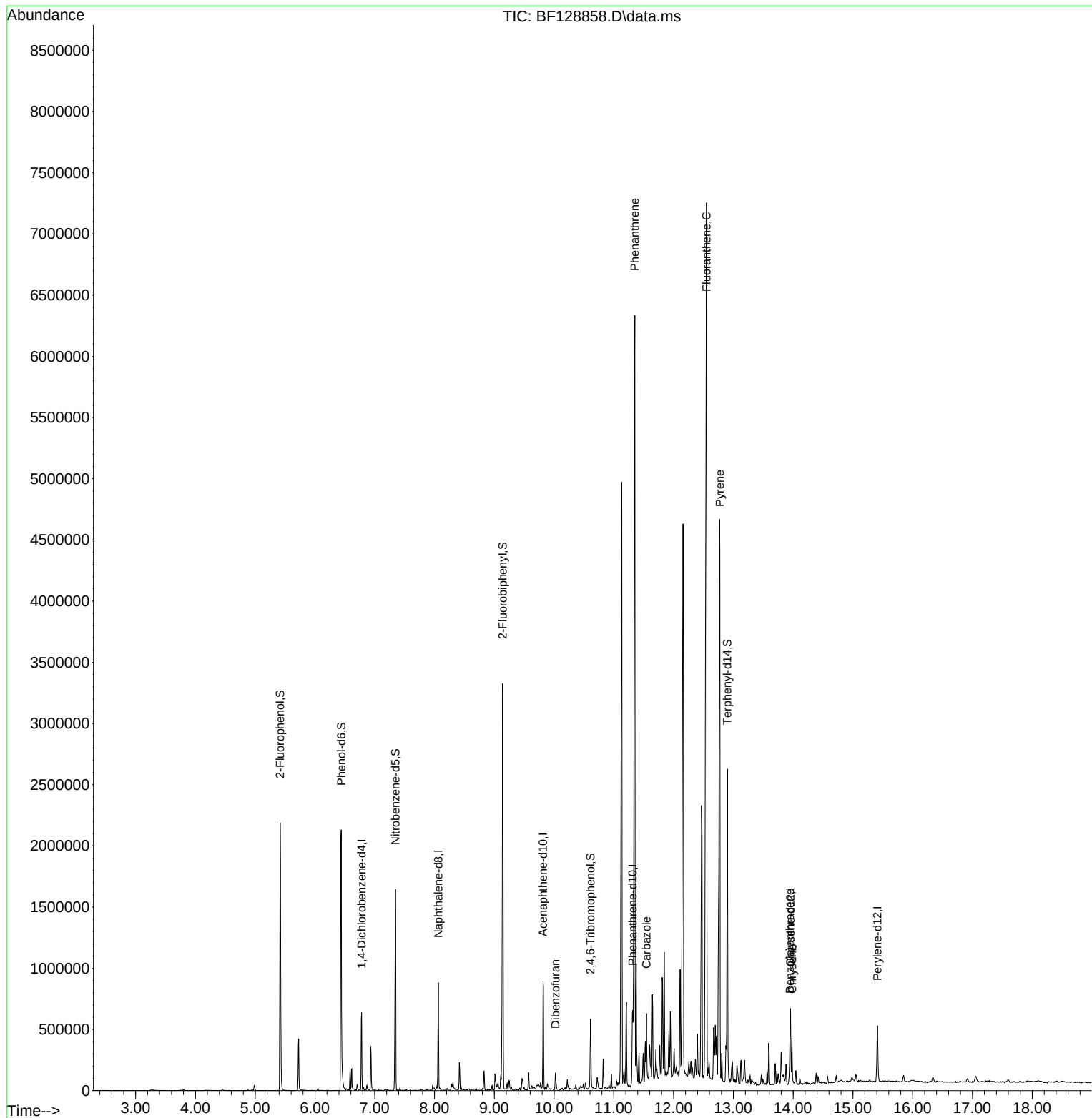
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	86120	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	327838	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	179049	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	287597	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	200297	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	192342	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	526589	97.395	ng	0.00
7) Phenol-d6	6.440	99	737748	111.783	ng	0.00
23) Nitrobenzene-d5	7.345	82	522056	74.141	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	60381	28.541	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	1007658	78.835	ng	0.00
79) Terphenyl-d14	12.898	244	826329	71.686	ng	0.00
Target Compounds						
						Qvalue
55) Dibenzofuran	10.022	168	45278	3.083	ng	96
71) Phenanthrene	11.351	178	2856523	198.022	ng	100
73) Carbazole	11.545	167	182351	13.751	ng	99
75) Fluoranthene	12.551	202	3940263	261.313	ng	99
78) Pyrene	12.774	202	2216784	148.757	ng	99
81) Benzo(a)anthracene	13.945	228	80404	6.440	ng	98
83) Chrysene	13.980	228	126903	10.661	ng	97

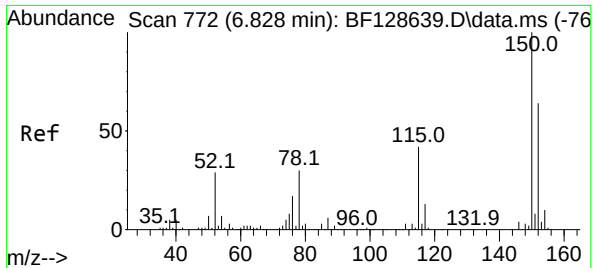
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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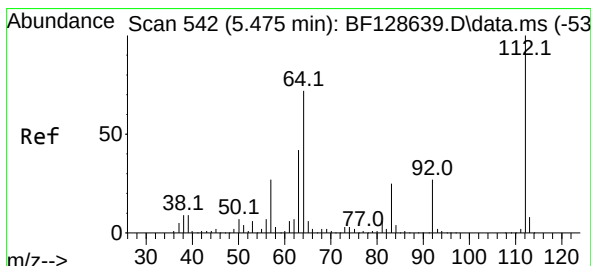
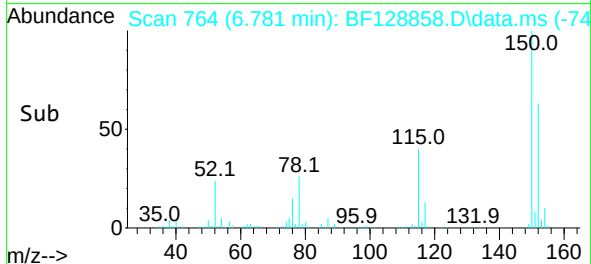
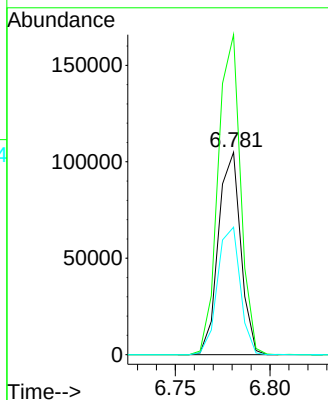
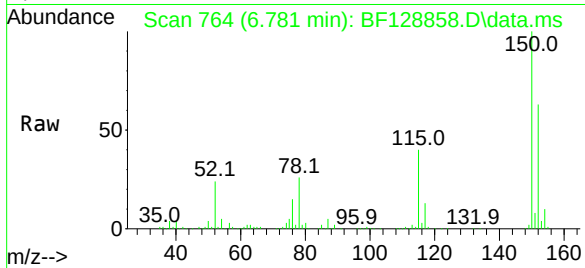




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

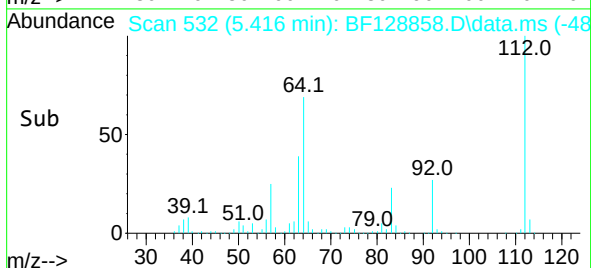
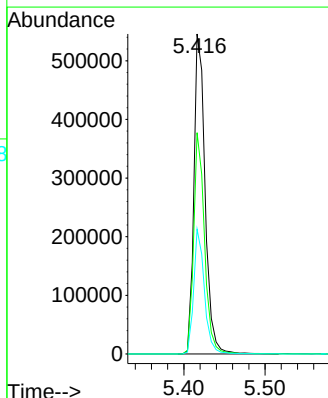
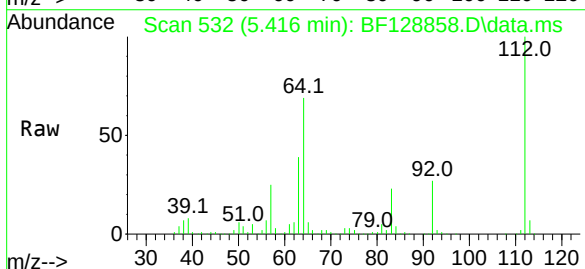
Instrument :
BNA_F
ClientSampleId :
SC-6S

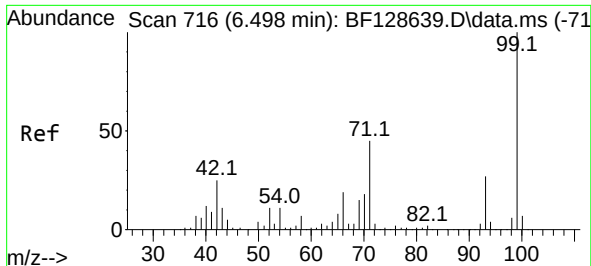
Tgt Ion:152 Resp: 86120
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 97.395 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:112 Resp: 526589
Ion Ratio Lower Upper
112 100
64 69.2 53.3 79.9
63 39.0 28.0 42.0

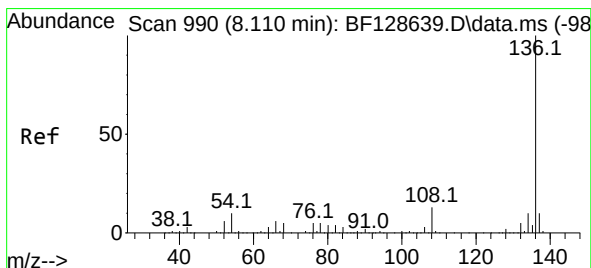
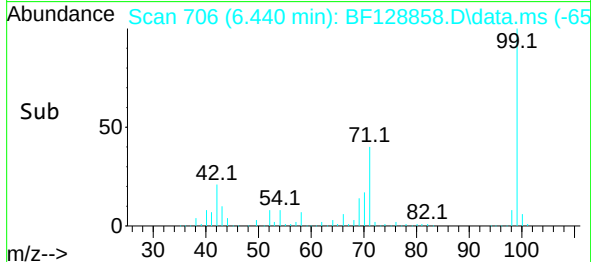
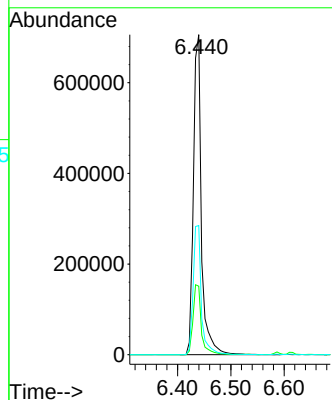
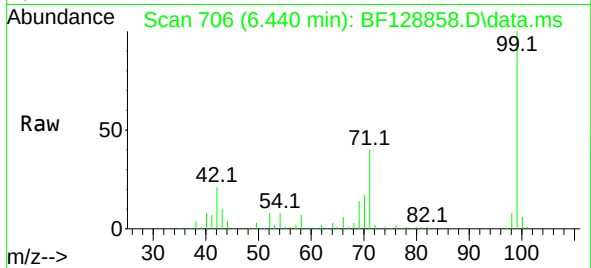




#7
Phenol-d6
Concen: 111.783 ng
RT: 6.440 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

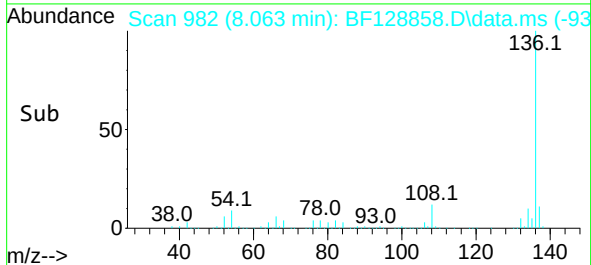
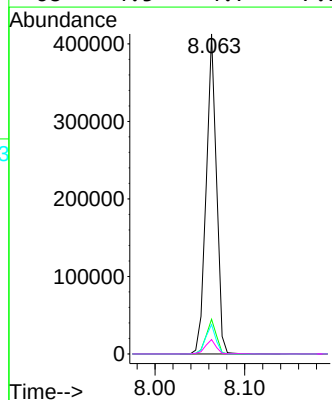
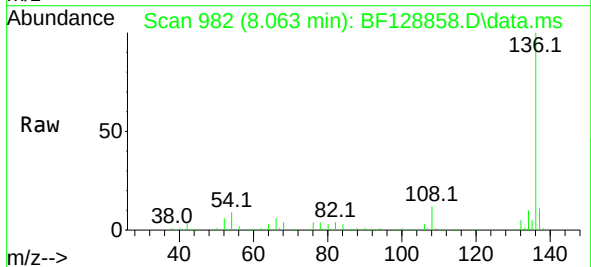
Instrument :
BNA_F
ClientSampleId :
SC-6S

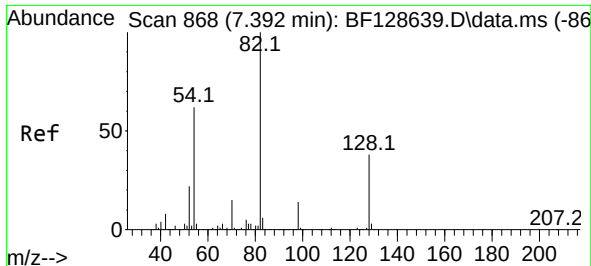
Tgt Ion: 99 Resp: 737748
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 40.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion: 136 Resp: 327838
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.1 7.5 11.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 74.141 ng

RT: 7.345 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

SC-6S

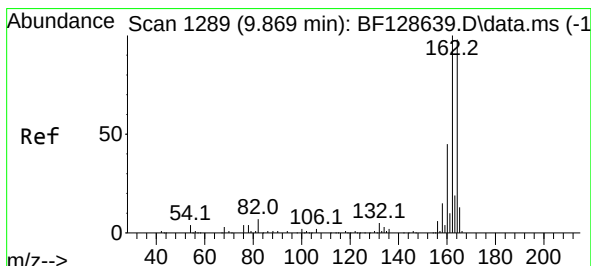
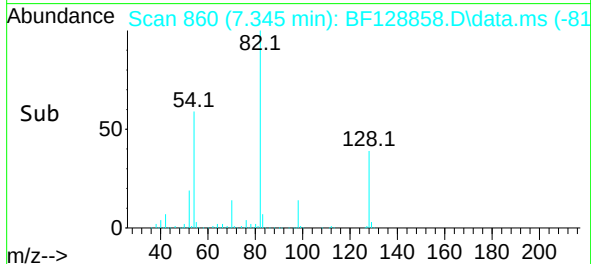
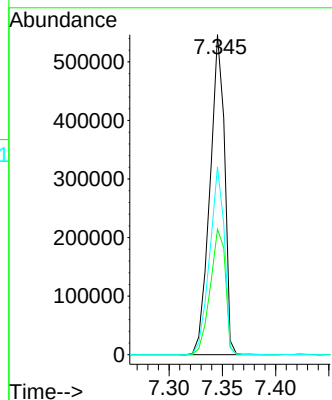
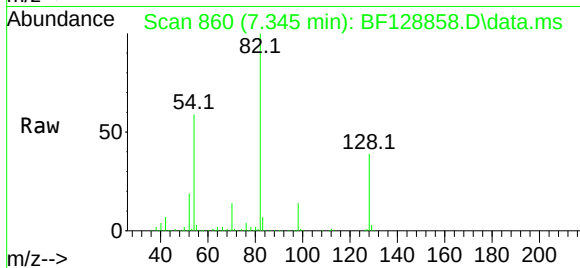
Tgt Ion: 82 Resp: 522056

Ion Ratio Lower Upper

82 100

128 39.2 34.0 51.0

54 58.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

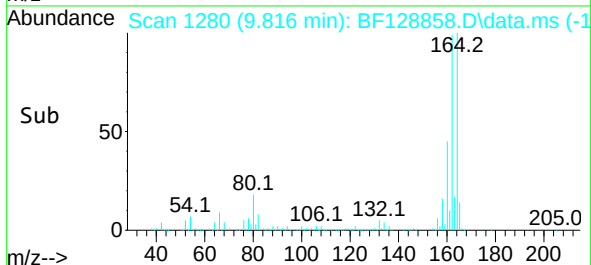
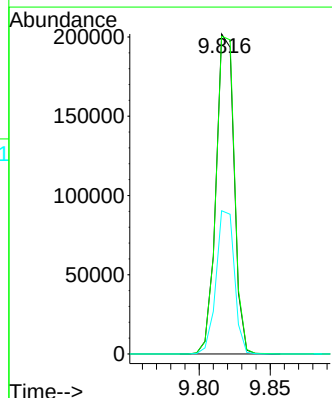
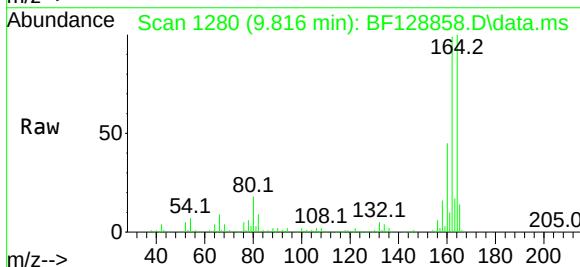
Tgt Ion:164 Resp: 179049

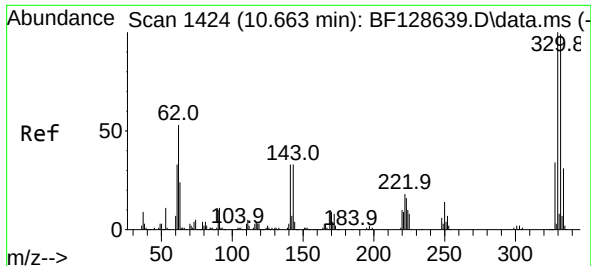
Ion Ratio Lower Upper

164 100

162 99.3 79.5 119.3

160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 28.541 ng

RT: 10.610 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

SC-6S

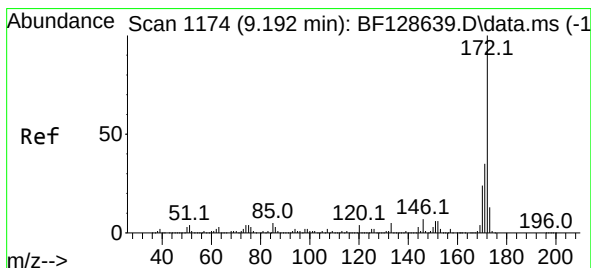
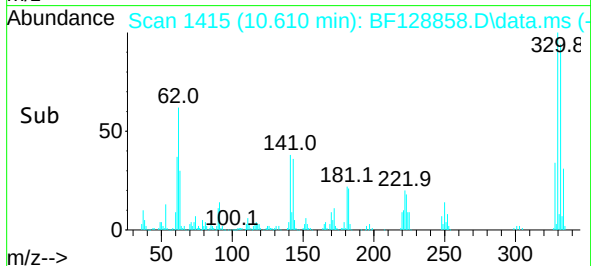
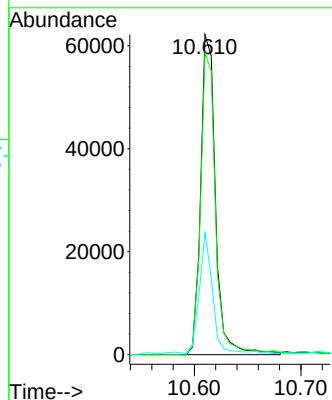
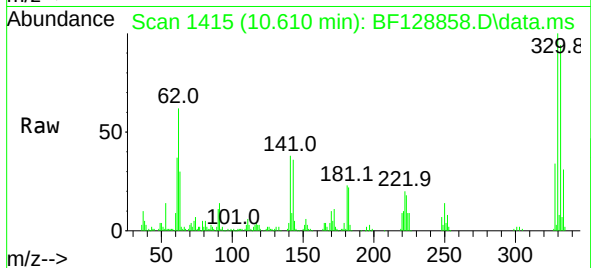
Tgt Ion:330 Resp: 60381

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 35.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.835 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

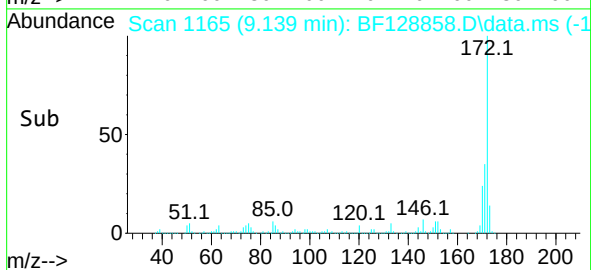
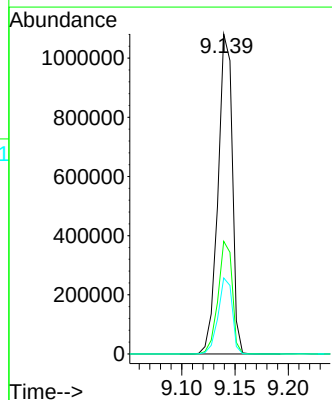
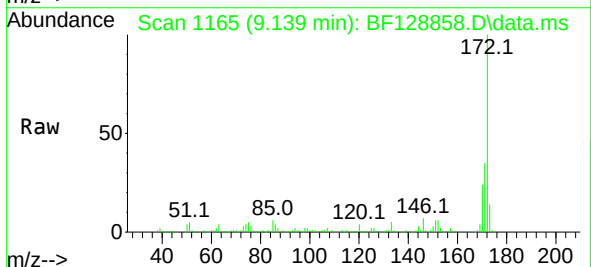
Tgt Ion:172 Resp: 1007658

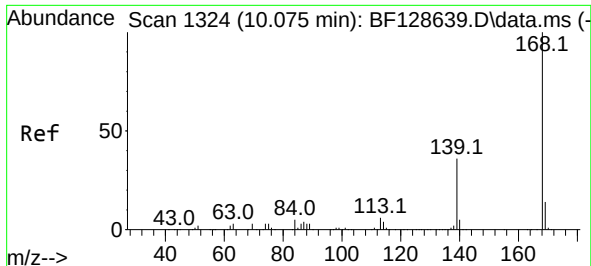
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.8 19.8 29.8

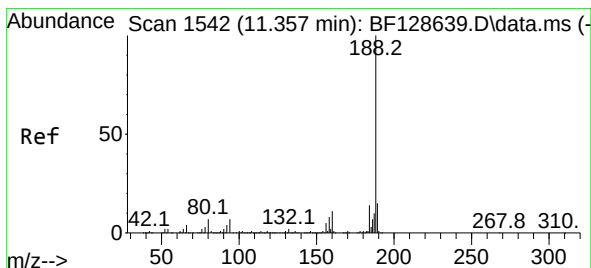
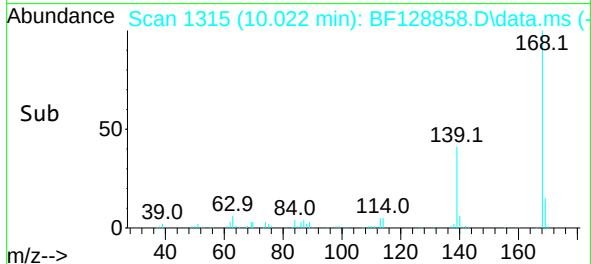
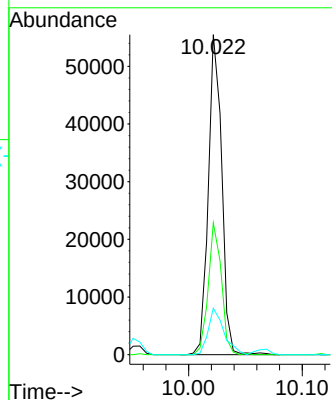
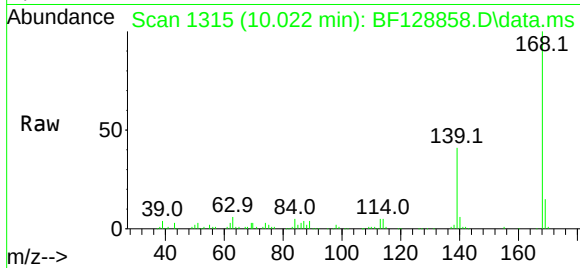




#55
Dibenzenofuran
Concen: 3.083 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

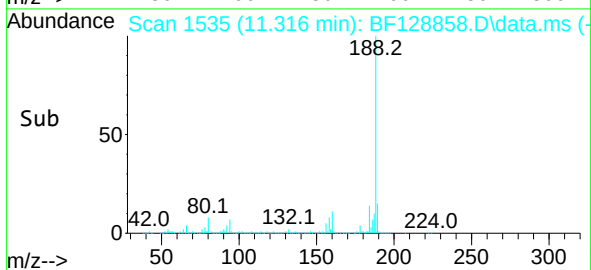
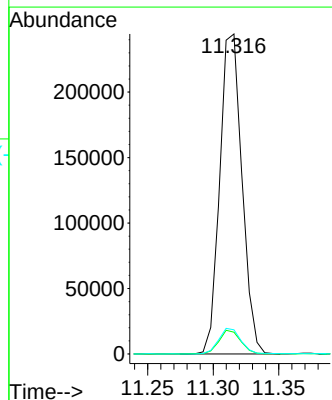
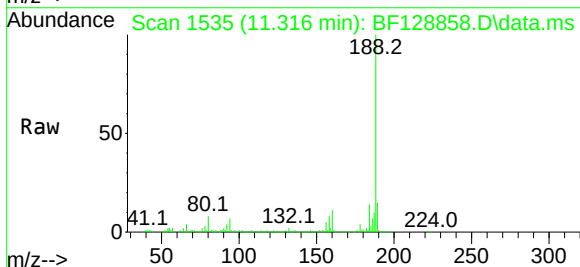
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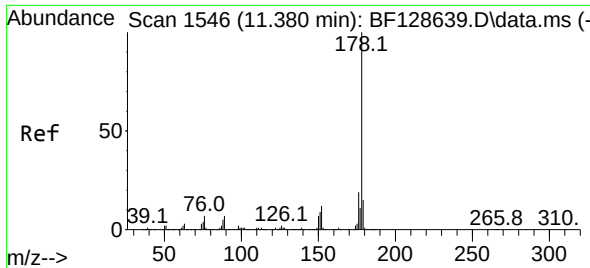
Tgt Ion:168 Resp: 45278
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 14.5 11.0 16.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:188 Resp: 287597
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.6 7.6 11.4#

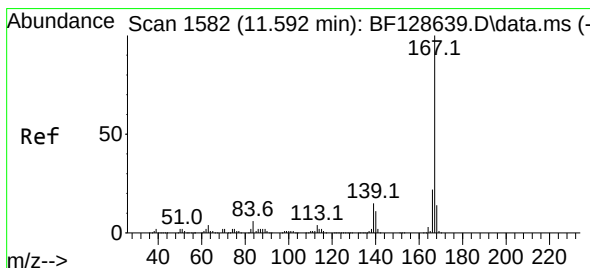
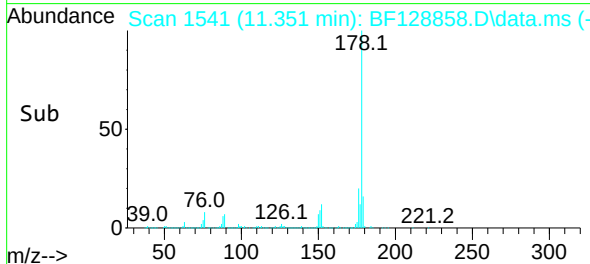
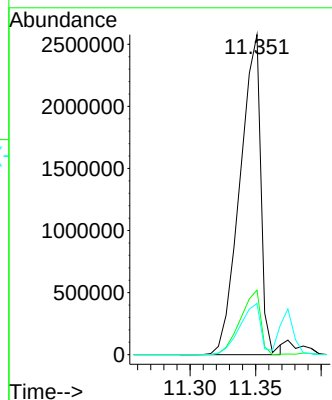
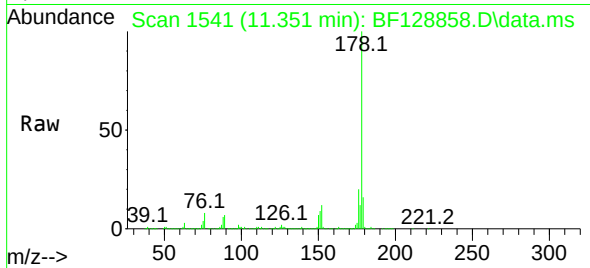




#71
Phenanthrene
Concen: 198.022 ng
RT: 11.351 min Scan# 1541
Delta R.T. 0.012 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

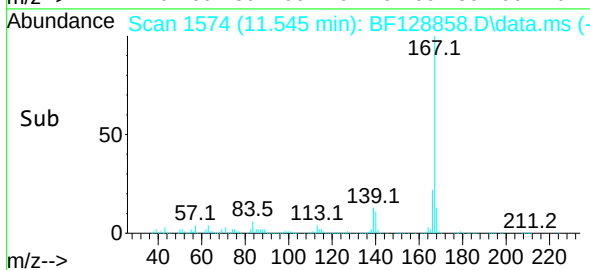
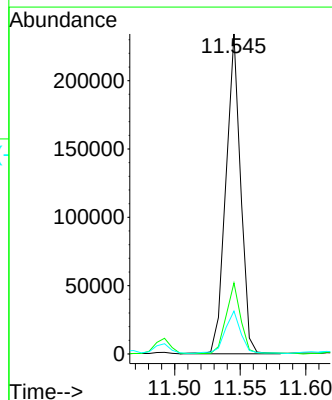
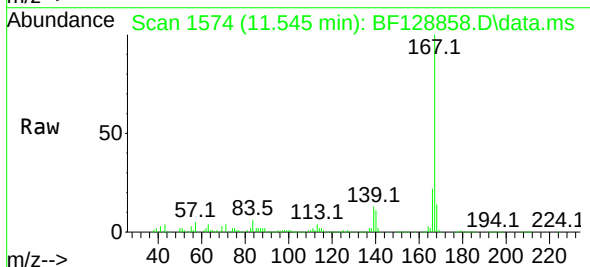
Instrument :
BNA_F
ClientSampleId :
SC-6S

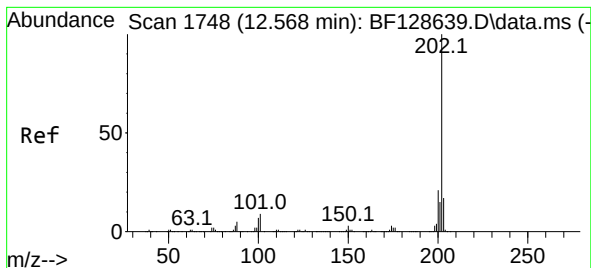
Tgt Ion:178 Resp: 2856523
Ion Ratio Lower Upper
178 100
176 20.2 16.0 24.0
179 16.0 12.6 19.0



#73
Carbazole
Concen: 13.751 ng
RT: 11.545 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:167 Resp: 182351
Ion Ratio Lower Upper
167 100
166 22.2 17.7 26.5
139 13.4 11.2 16.8





#75

Fluoranthene

Concen: 261.313 ng

RT: 12.551 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

Instrument :

BNA_F

ClientSampleId :

SC-6S

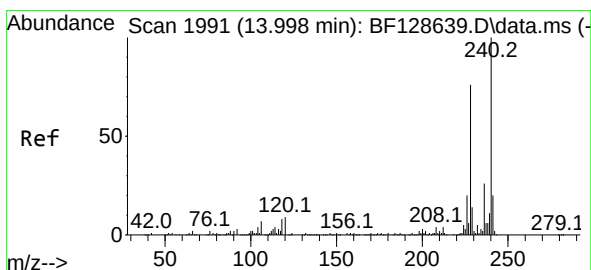
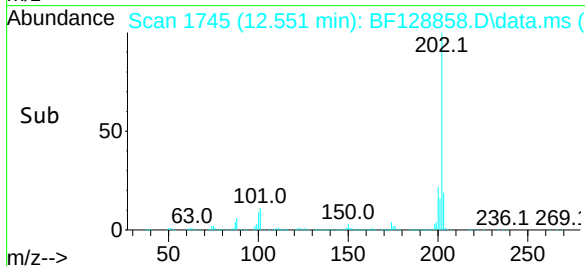
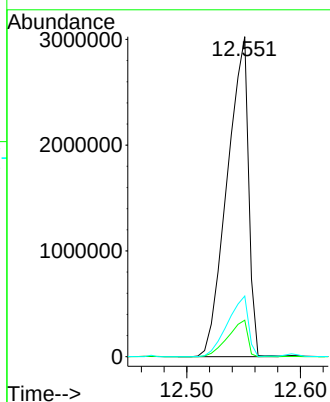
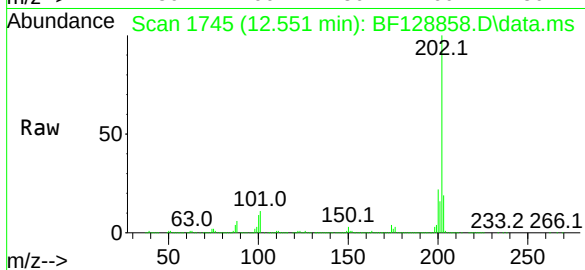
Tgt Ion:202 Resp: 3940263

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.4

203 18.9 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 1984

Delta R.T. -0.006 min

Lab File: BF128858.D

Acq: 17 Jun 2022 17:09

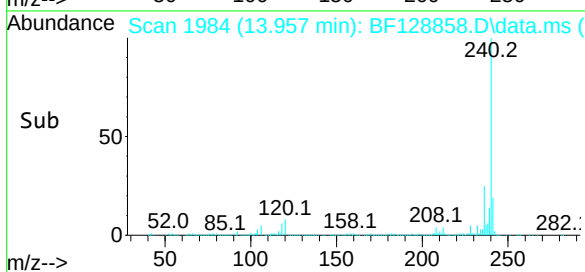
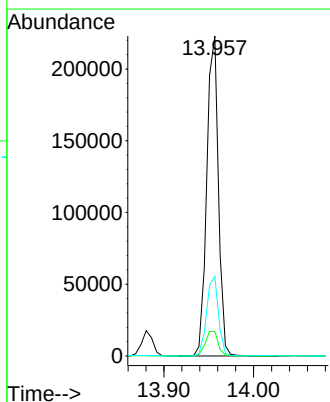
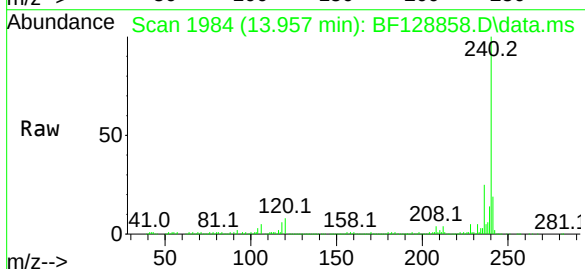
Tgt Ion:240 Resp: 200297

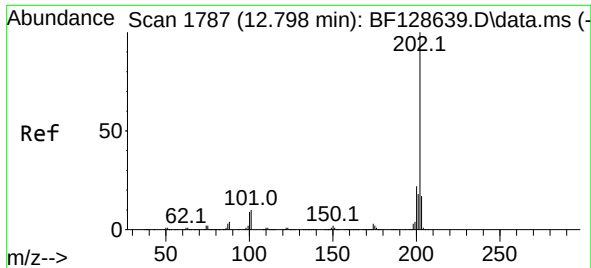
Ion Ratio Lower Upper

240 100

120 7.7 8.9 13.3#

236 24.9 20.8 31.2

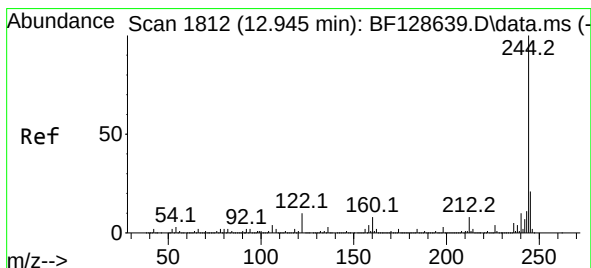
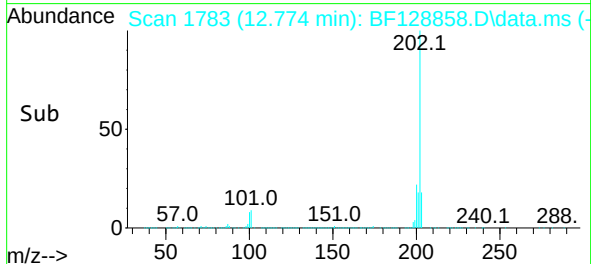
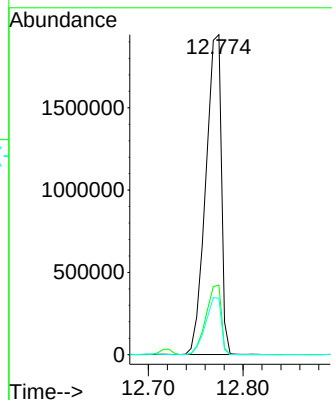
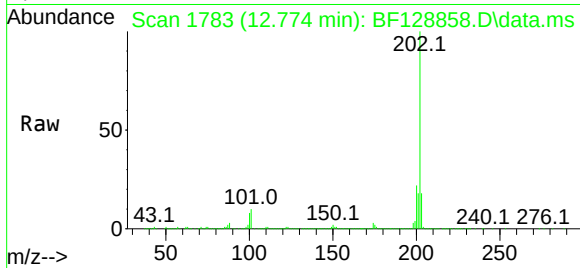




#78
Pyrene
Concen: 148.757 ng
RT: 12.774 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

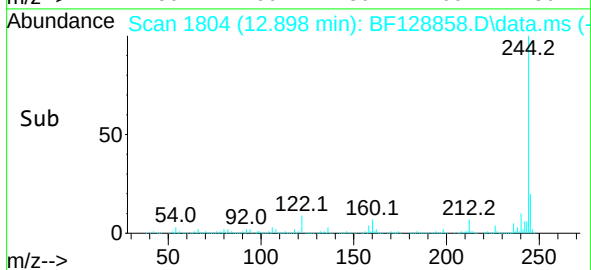
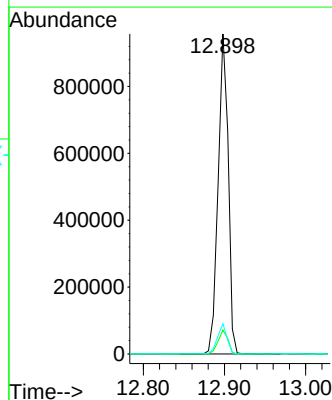
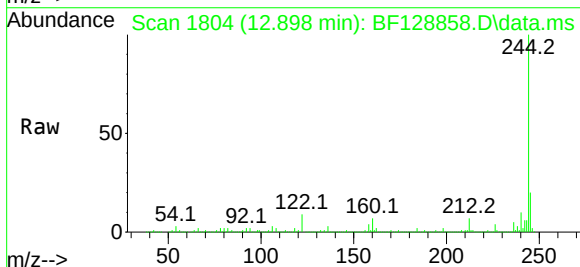
Instrument :
BNA_F
ClientSampleId :
SC-6S

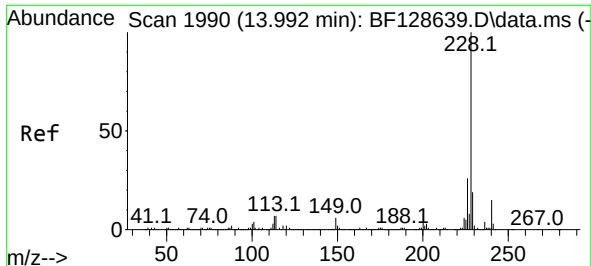
Tgt Ion:202 Resp: 2216784
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.6 14.6 21.8



#79
Terphenyl-d14
Concen: 71.686 ng
RT: 12.898 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:244 Resp: 826329
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.5 8.8 13.2

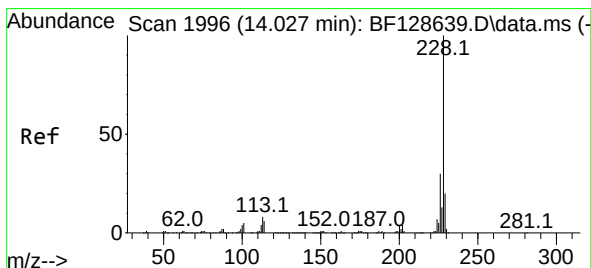
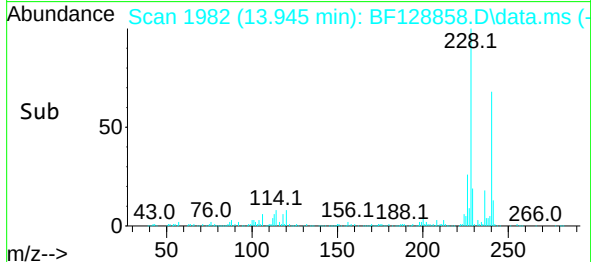
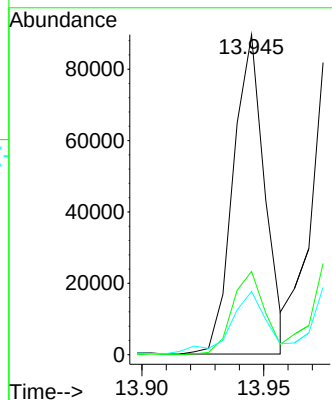
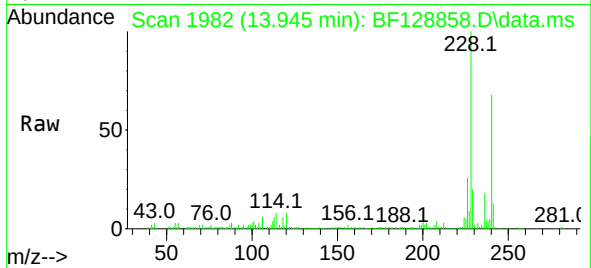




#81
Benzo(a)anthracene
Concen: 6.440 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

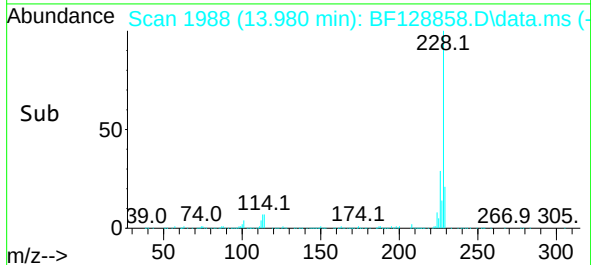
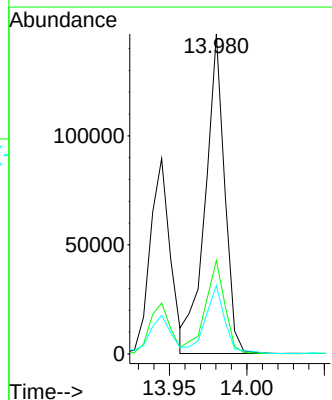
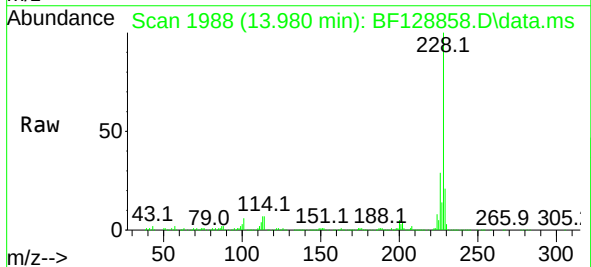
Instrument :
BNA_F
ClientSampleId :
SC-6S

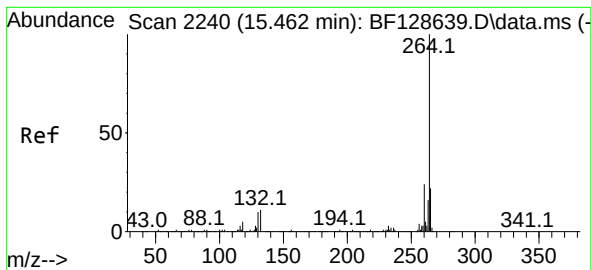
Tgt Ion:228 Resp: 80404
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 19.7 15.8 23.8



#83
Chrysene
Concen: 10.661 ng
RT: 13.980 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF128858.D
Acq: 17 Jun 2022 17:09

Tgt Ion:228 Resp: 126903
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 21.4 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128858.D
 Acq: 17 Jun 2022 17:09

Instrument :
 BNA_F
 ClientSampleId :
 SC-6S

Tgt Ion:264 Resp: 192342
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.9 17.2 25.8

