

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128857.D
 Acq On : 17 Jun 2022 16:39
 Operator : CG\JU
 Sample : N3373-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1E

Quant Time: Jun 18 05:06:49 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)

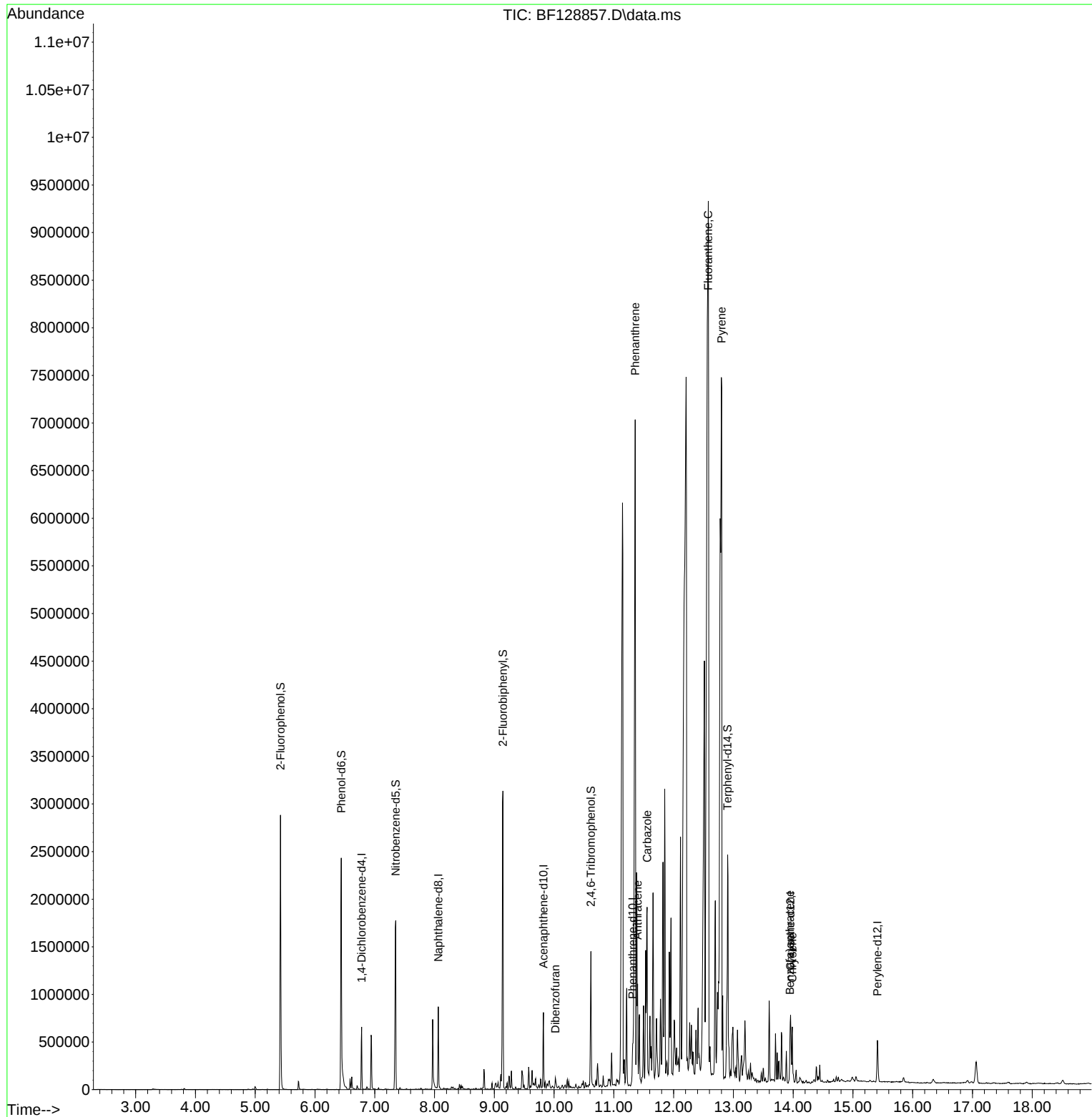
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	82988	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	319335	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	147477	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	217458	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	195070	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	190226	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	653893	125.505	ng	0.00
7) Phenol-d6	6.439	99	849165	133.520	ng	0.00
23) Nitrobenzene-d5	7.351	82	601070	87.635	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	164294	94.286	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	988172	93.861	ng	0.00
79) Terphenyl-d14	12.904	244	796738	70.971	ng	0.00
Target Compounds						
						Qvalue
55) Dibenzofuran	10.022	168	30850	2.550	ng	# 91
71) Phenanthrene	11.357	178	3691938	338.485	ng	99
72) Anthracene	11.398	178	455753	42.216	ng	98
73) Carbazole	11.557	167	742949	74.094	ng	98
75) Fluoranthene	12.580	202	8866788	777.698	ng	95
78) Pyrene	12.804	202	5337596	367.777	ng	99
81) Benzo(a)anthracene	13.945	228	172244	14.166	ng	98
83) Chrysene	13.986	228	205447	17.722	ng	98

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

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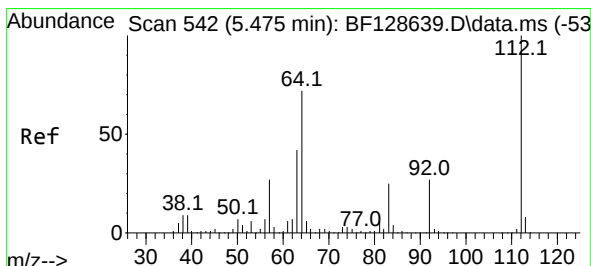
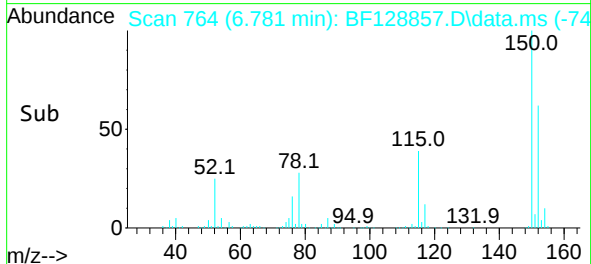
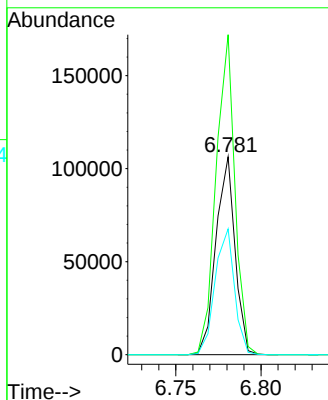
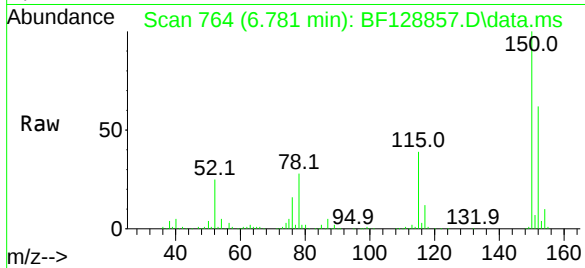




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

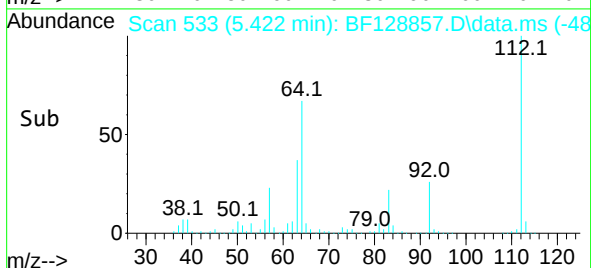
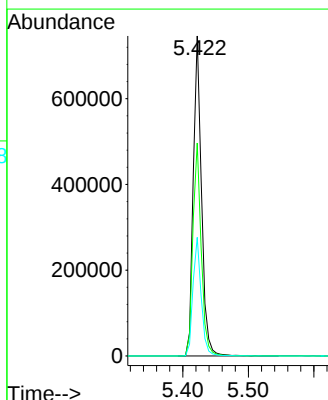
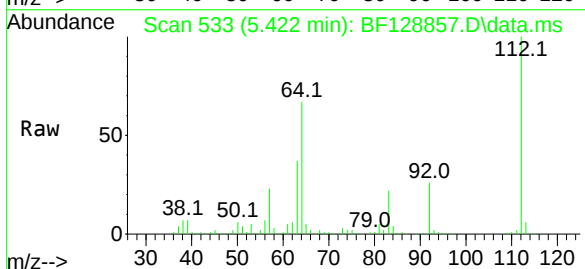
Instrument :
BNA_F
ClientSampleId :
SC-1E

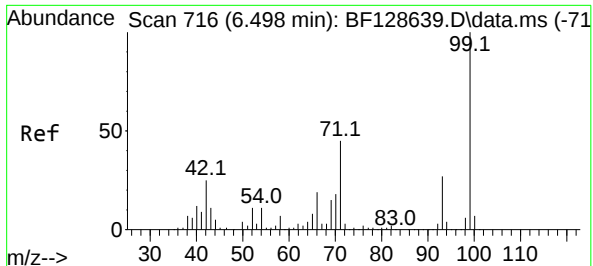
Tgt Ion:152 Resp: 82988
Ion Ratio Lower Upper
152 100
150 161.6 123.7 185.5
115 63.5 49.9 74.9



#5
2-Fluorophenol
Concen: 125.505 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

Tgt Ion:112 Resp: 653893
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 37.1 28.0 42.0

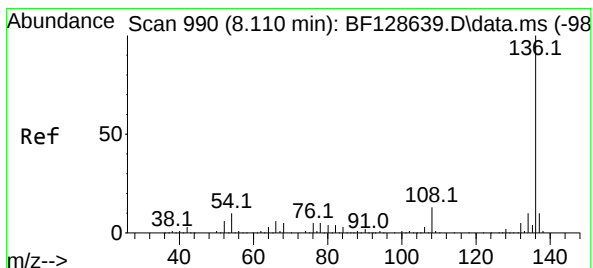
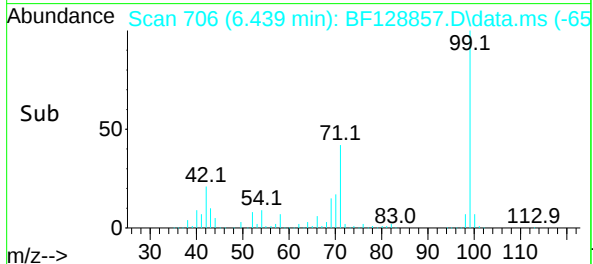
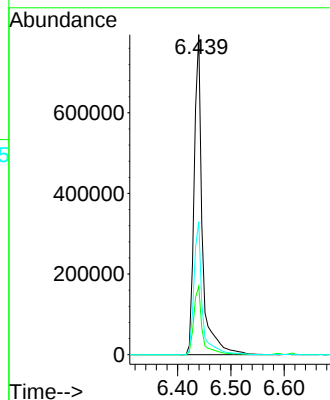
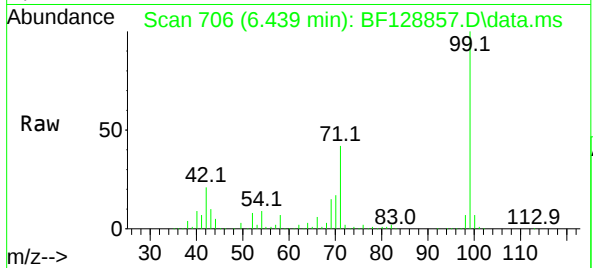




#7
Phenol-d6
Concen: 133.520 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

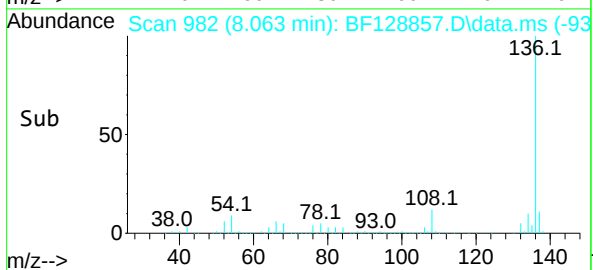
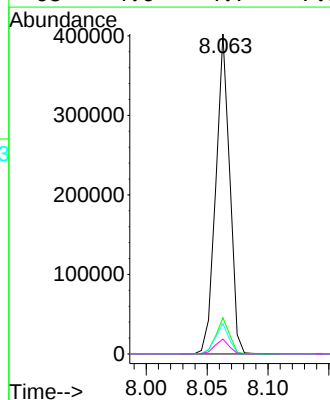
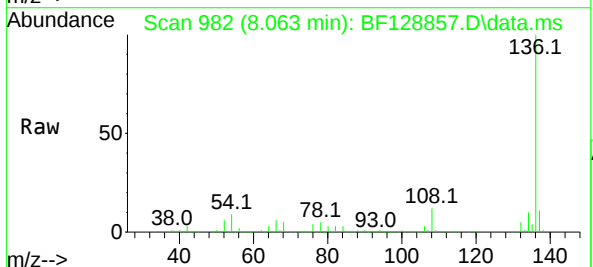
Instrument :
BNA_F
ClientSampleId :
SC-1E

Tgt Ion: 99 Resp: 849165
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 41.6 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: BF128857.D
Acq: 17 Jun 2022 16:39

Tgt Ion: 136 Resp: 319335
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.5 7.5 11.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 87.635 ng

RT: 7.351 min Scan# 8

Delta R.T. -0.000 min

Lab File: BF128857.D

Acq: 17 Jun 2022 16:39

Instrument :

BNA_F

ClientSampleId :

SC-1E

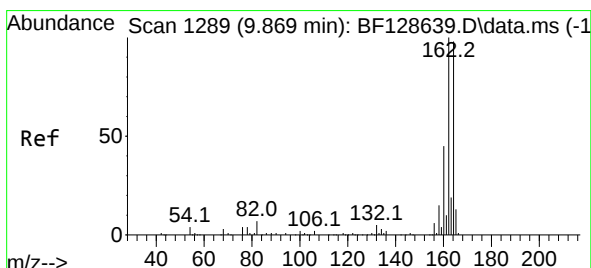
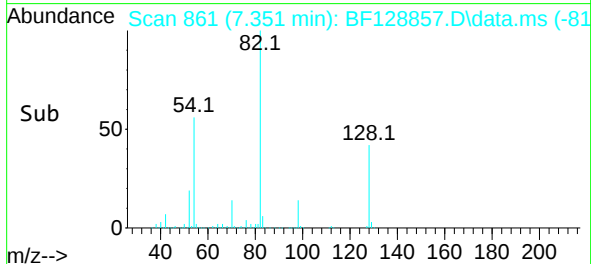
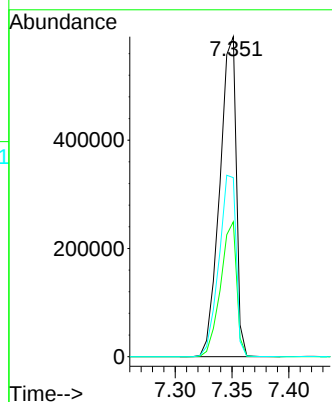
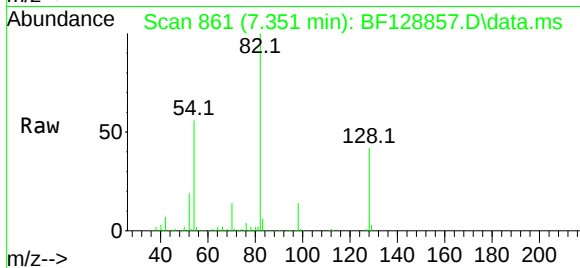
Tgt Ion: 82 Resp: 601070

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 55.9 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF128857.D

Acq: 17 Jun 2022 16:39

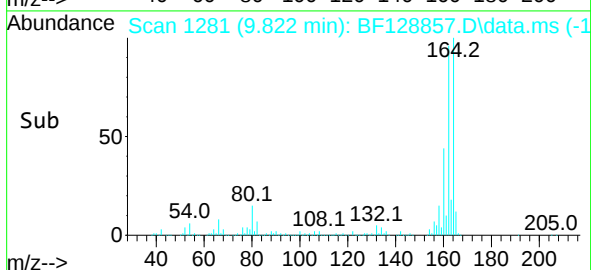
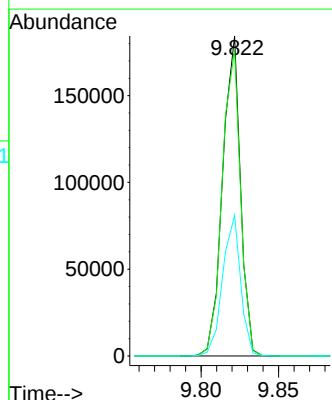
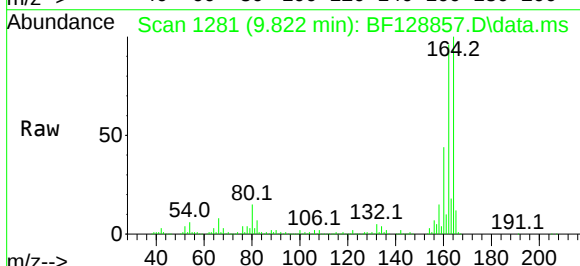
Tgt Ion:164 Resp: 147477

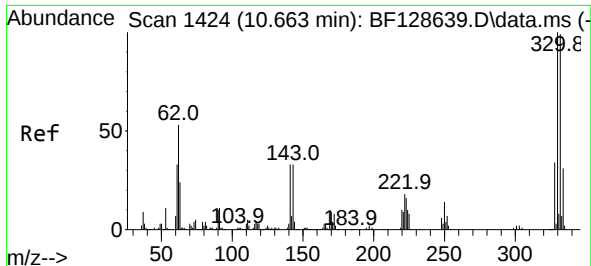
Ion Ratio Lower Upper

164 100

162 95.7 79.5 119.3

160 43.9 34.2 51.4

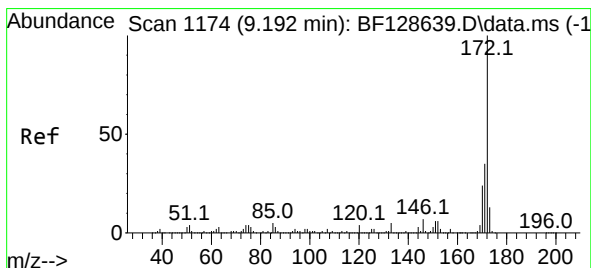
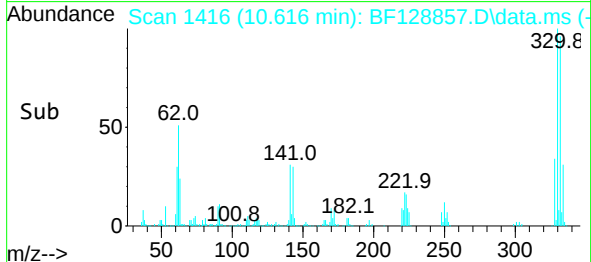
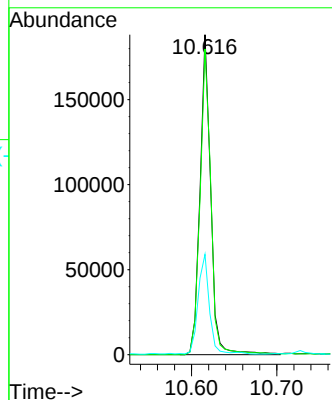
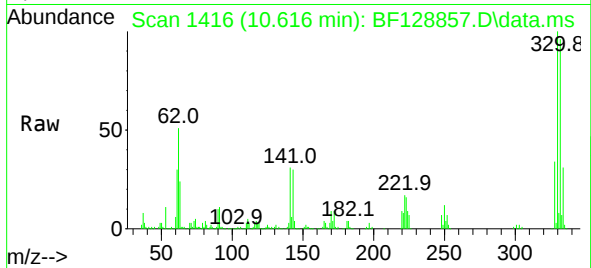




#42
 2,4,6-Tribromophenol
 Concen: 94.286 ng
 RT: 10.616 min Scan# 1416
 Delta R.T. -0.006 min
 Lab File: BF128857.D
 Acq: 17 Jun 2022 16:39

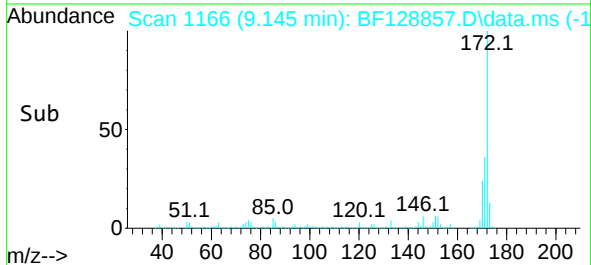
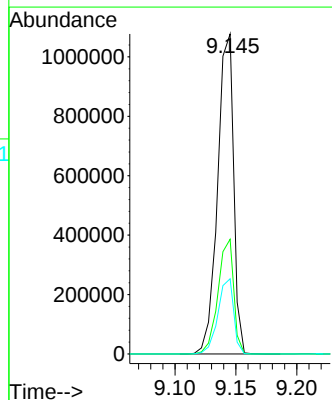
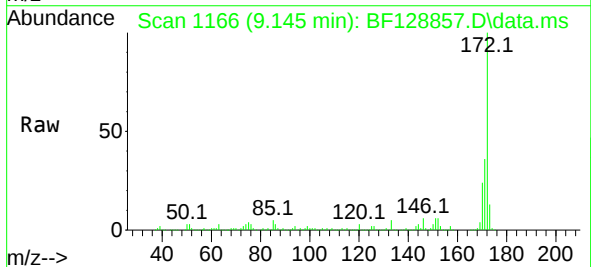
Instrument :
 BNA_F
 ClientSampleId :
 SC-1E

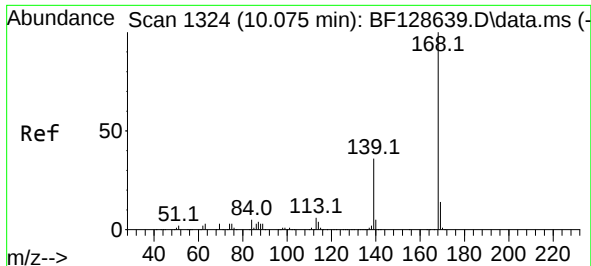
Tgt Ion:330 Resp: 164294
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 32.7 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 93.861 ng
 RT: 9.145 min Scan# 1166
 Delta R.T. -0.000 min
 Lab File: BF128857.D
 Acq: 17 Jun 2022 16:39

Tgt Ion:172 Resp: 988172
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.8 43.2
 170 23.5 19.8 29.8

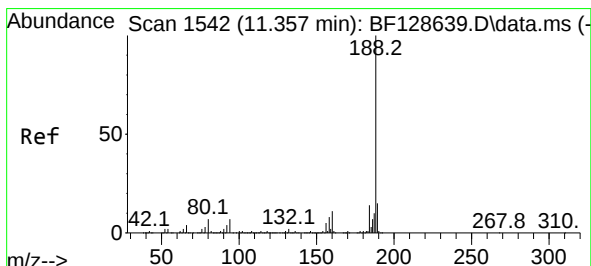
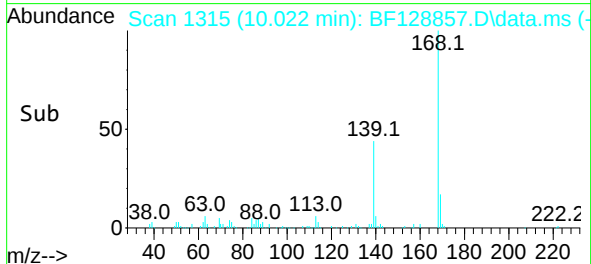
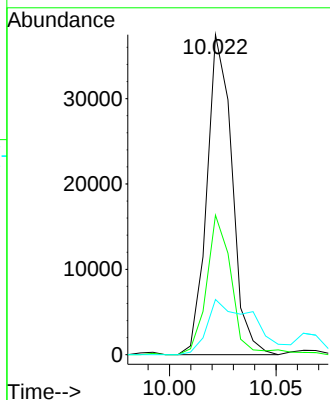
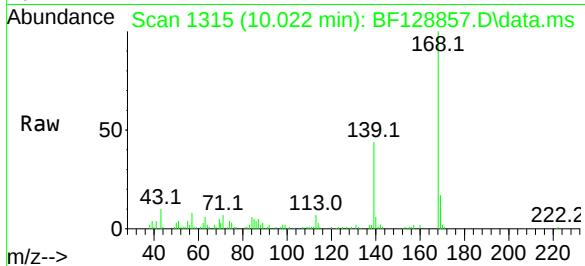




#55
Dibenzenofuran
Concen: 2.550 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

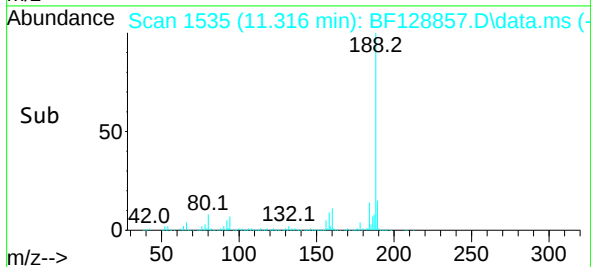
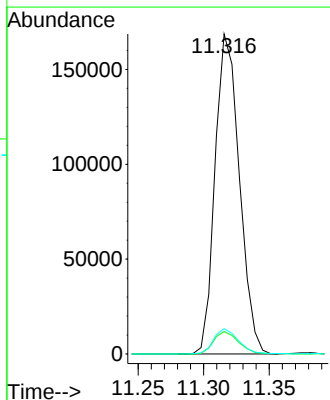
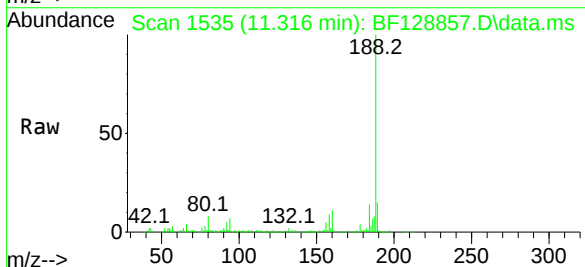
Instrument :
BNA_F
ClientSampleId :
SC-1E

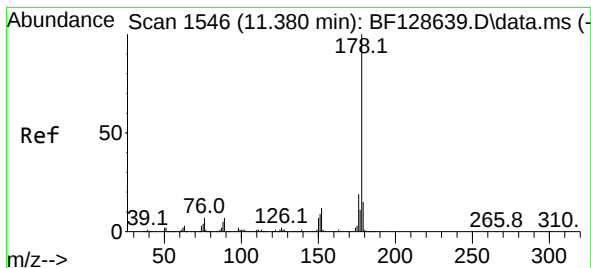
Tgt Ion:168 Resp: 30850
Ion Ratio Lower Upper
168 100
139 43.6 30.6 46.0
169 17.3 11.0 16.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

Tgt Ion:188 Resp: 217458
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.9 7.6 11.4





#71

Phenanthrene

Concen: 338.485 ng

RT: 11.357 min Scan# 11

Delta R.T. 0.018 min

Lab File: BF128857.D

Acq: 17 Jun 2022 16:39

Instrument :

BNA_F

ClientSampleId :

SC-1E

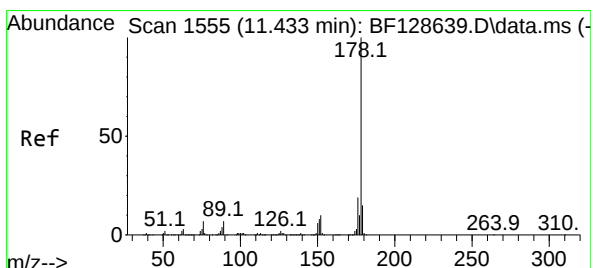
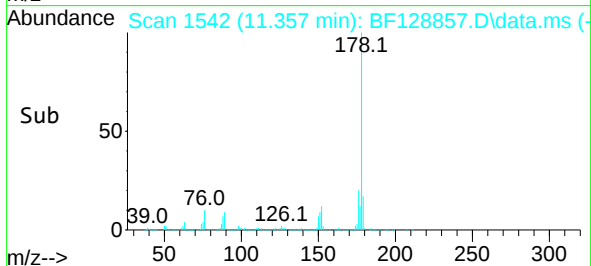
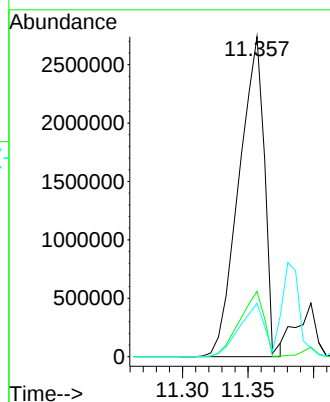
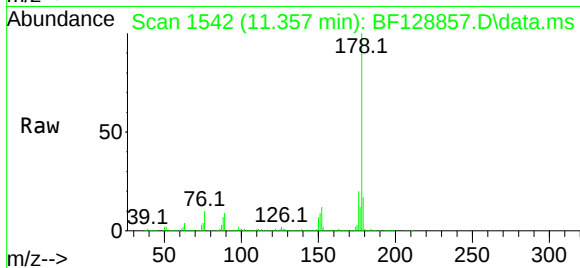
Tgt Ion:178 Resp: 3691938

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

179 16.6 12.6 19.0



#72

Anthracene

Concen: 42.216 ng

RT: 11.398 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF128857.D

Acq: 17 Jun 2022 16:39

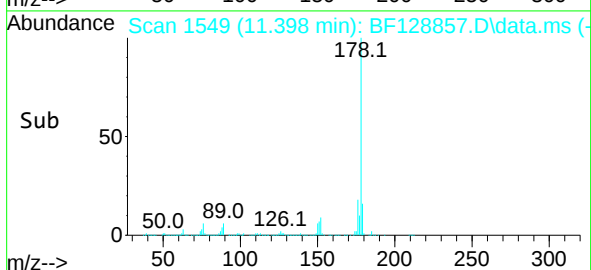
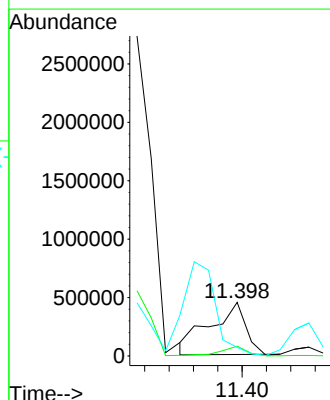
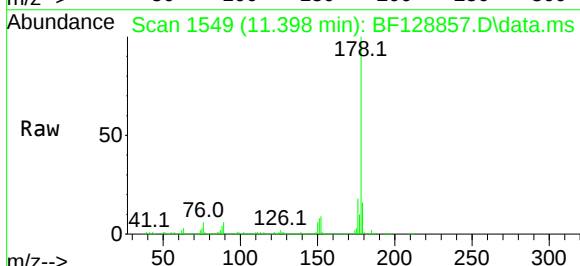
Tgt Ion:178 Resp: 455753

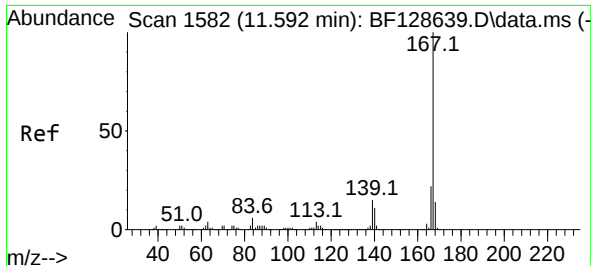
Ion Ratio Lower Upper

178 100

176 18.2 15.4 23.2

179 16.2 12.6 19.0

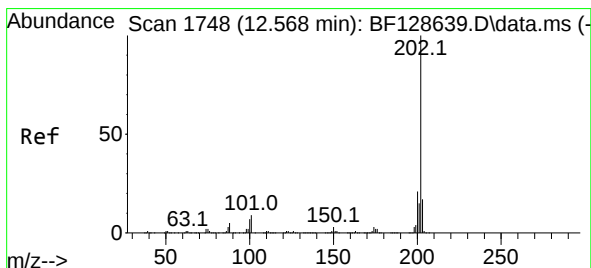
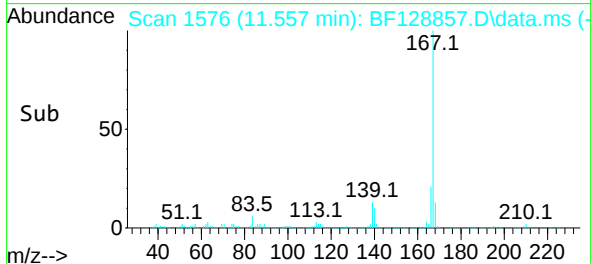
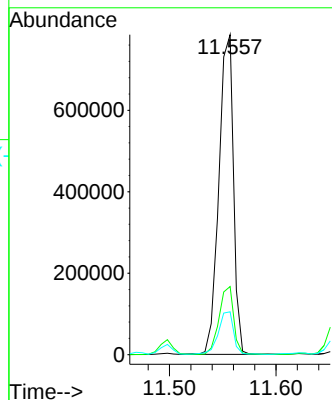
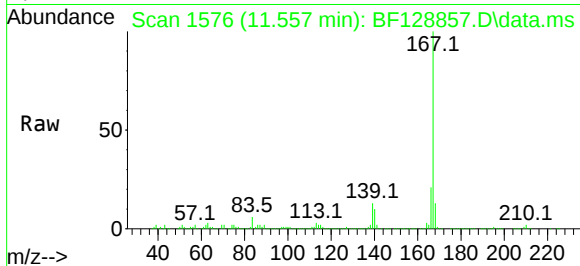




#73
 Carbazole
 Concen: 74.094 ng
 RT: 11.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128857.D
 Acq: 17 Jun 2022 16:39

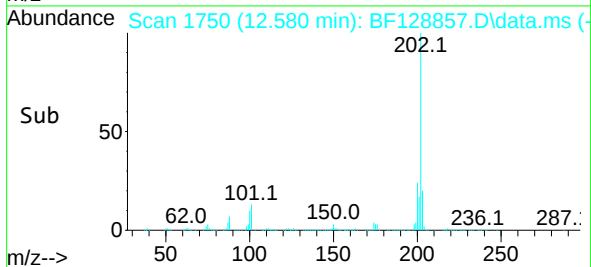
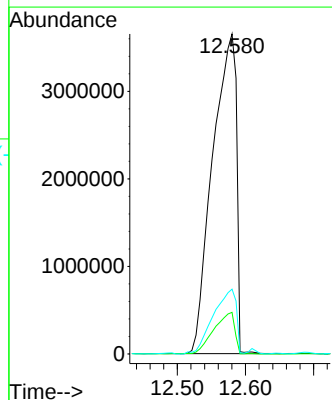
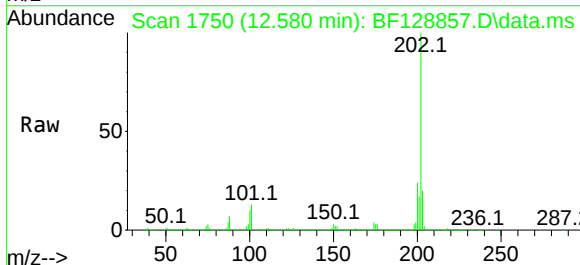
Instrument :
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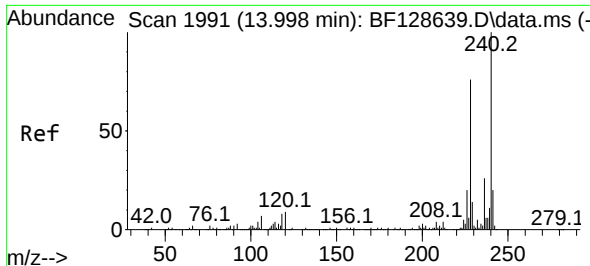
Tgt Ion:167 Resp: 742949
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 13.4 11.2 16.8



#75
 Fluoranthene
 Concen: 777.698 ng
 RT: 12.580 min Scan# 1750
 Delta R.T. 0.053 min
 Lab File: BF128857.D
 Acq: 17 Jun 2022 16:39

Tgt Ion:202 Resp: 8866788
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 31.4
 203 20.2 0.0 38.0

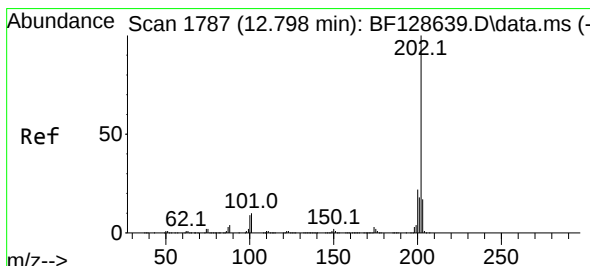
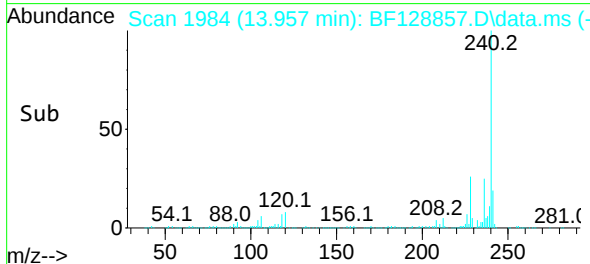
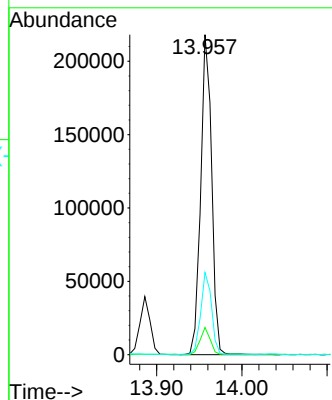
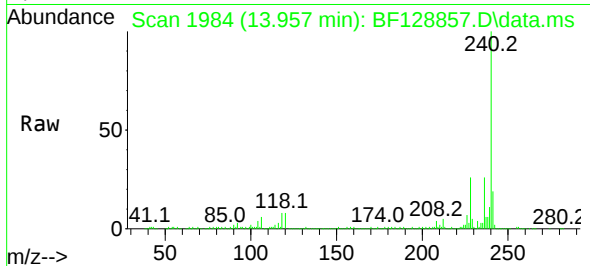




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

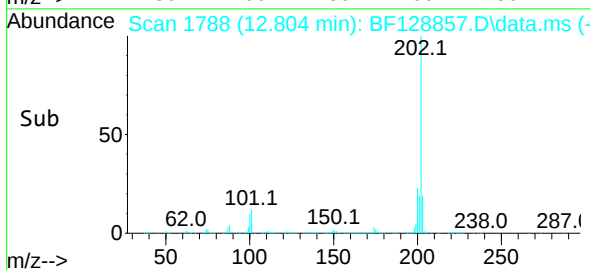
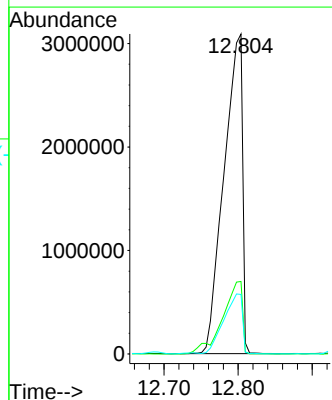
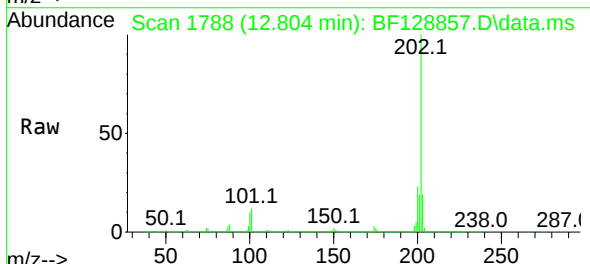
Instrument :
BNA_F
ClientSampleId :
SC-1E

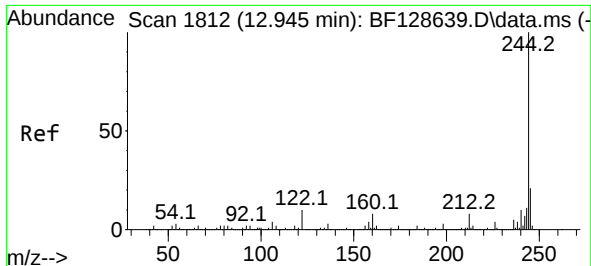
Tgt Ion:240 Resp: 195070
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 25.7 20.8 31.2



#78
Pyrene
Concen: 367.777 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.047 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

Tgt Ion:202 Resp: 5337596
Ion Ratio Lower Upper
202 100
200 22.7 17.7 26.5
203 18.6 14.6 21.8

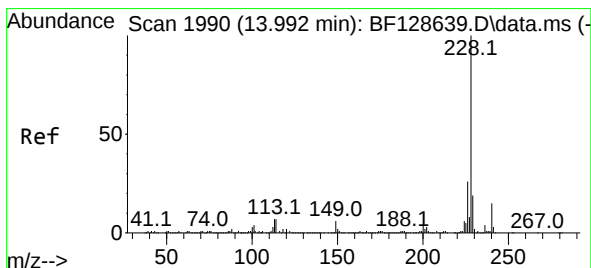
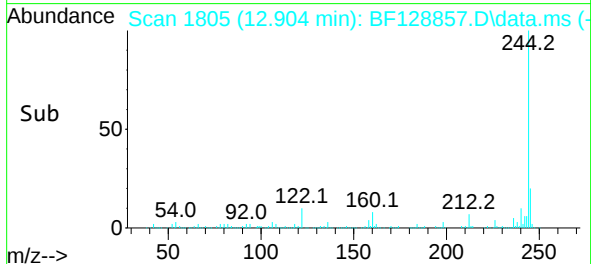
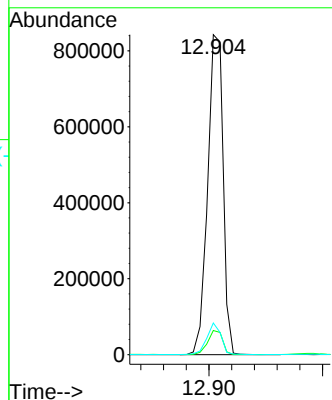
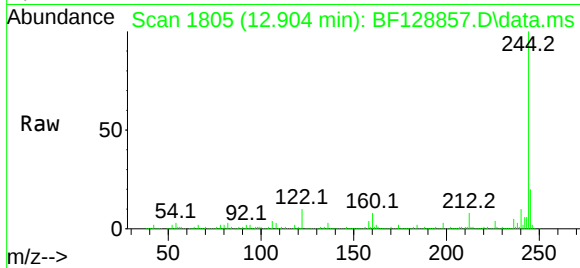




#79
 Terphenyl-d14
 Concen: 70.971 ng
 RT: 12.904 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF128857.D
 Acq: 17 Jun 2022 16:39

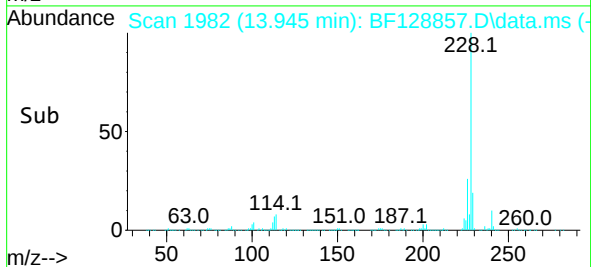
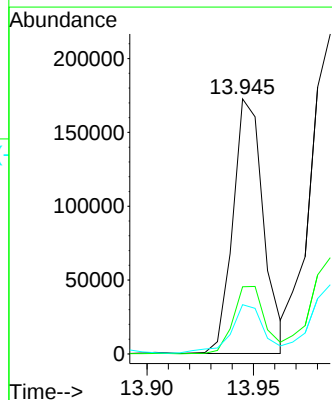
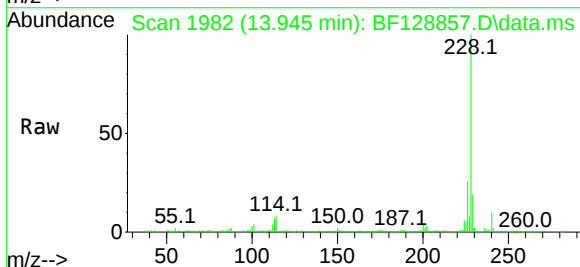
Instrument :
 BNA_F
 ClientSampleId :
 SC-1E

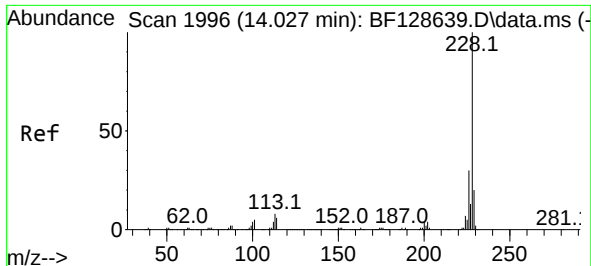
Tgt Ion:244 Resp: 796738
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.9 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 14.166 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128857.D
 Acq: 17 Jun 2022 16:39

Tgt Ion:228 Resp: 172244
 Ion Ratio Lower Upper
 228 100
 226 26.3 22.1 33.1
 229 19.3 15.8 23.8

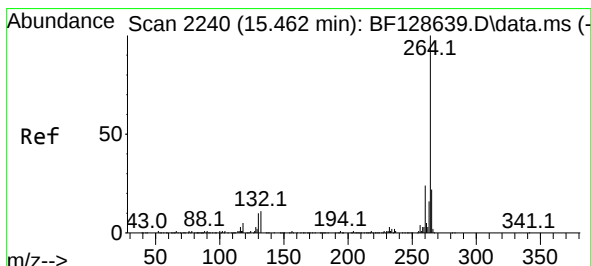
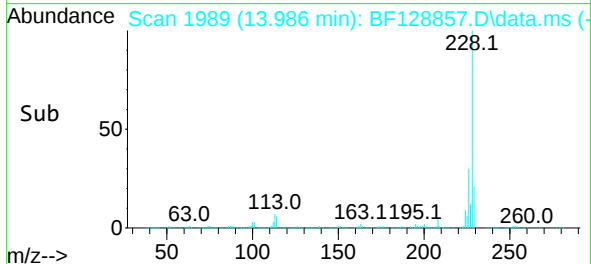
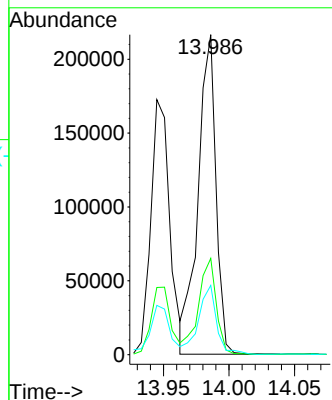
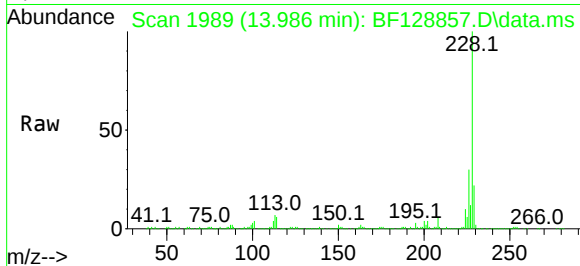




#83
Chrysene
Concen: 17.722 ng
RT: 13.986 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

Instrument :
BNA_F
ClientSampleId :
SC-1E

Tgt Ion:228 Resp: 205447
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BF128857.D
Acq: 17 Jun 2022 16:39

Tgt Ion:264 Resp: 190226
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.0 17.2 25.8

