

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061722\
 Data File : BF128859.D
 Acq On : 17 Jun 2022 17:39
 Operator : CG\JU
 Sample : N3373-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6N

Quant Time: Jun 18 05:07:05 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)

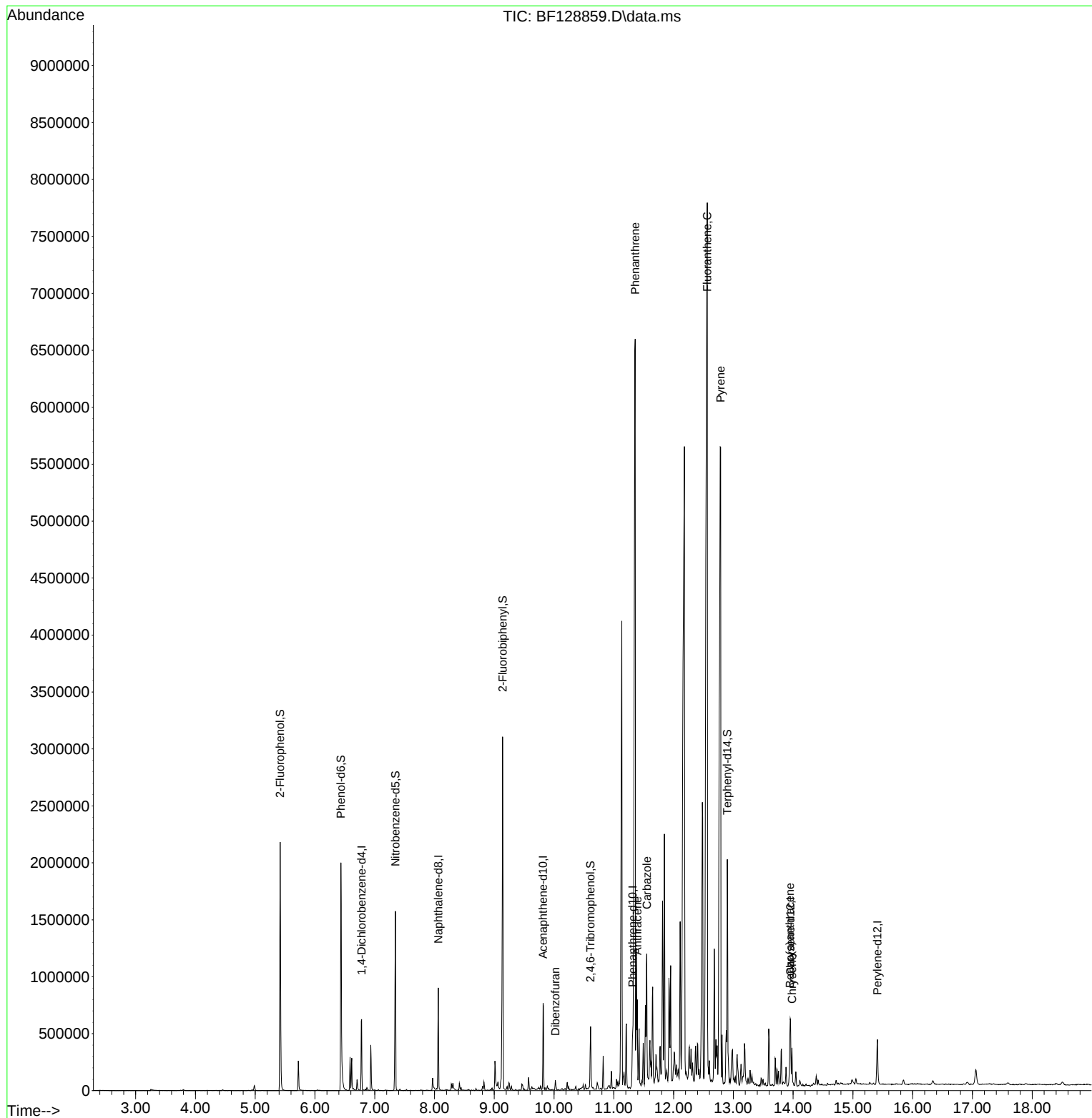
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	85678	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	338286	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	155204	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	238173	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	173507	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	173341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	500209	92.993	ng	0.00
7) Phenol-d6	6.434	99	674195	102.680	ng	0.00
23) Nitrobenzene-d5	7.346	82	470184	64.712	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	60488	32.985	ng	-0.01
45) 2-Fluorobiphenyl	9.140	172	903200	81.519	ng	0.00
79) Terphenyl-d14	12.898	244	644407	64.536	ng	0.00
Target Compounds						Qvalue
55) Dibenzofuran	10.022	168	27275	2.142	ng	92
71) Phenanthrene	11.357	178	3624832	303.428	ng	99
72) Anthracene	11.392	178	312361	26.417	ng	99
73) Carbazole	11.551	167	441543	40.205	ng	99
75) Fluoranthene	12.563	202	5383429	431.109	ng	98
78) Pyrene	12.786	202	3432875	265.932	ng	100
81) Benzo(a)anthracene	13.945	228	139192	12.870	ng	98
83) Chrysene	13.980	228	110617	10.728	ng	97

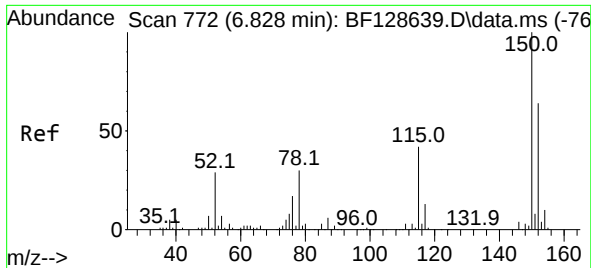
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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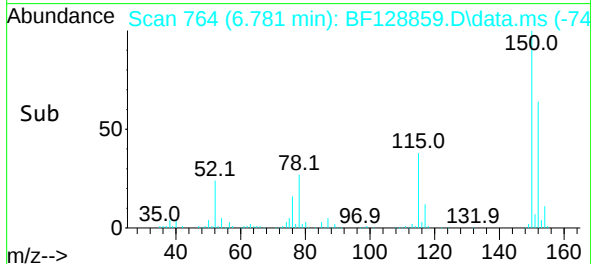
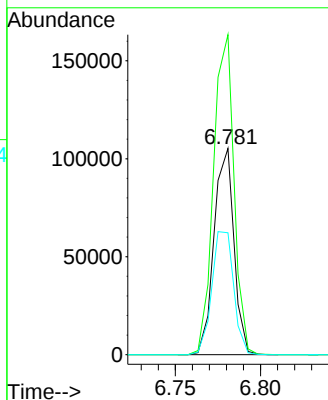
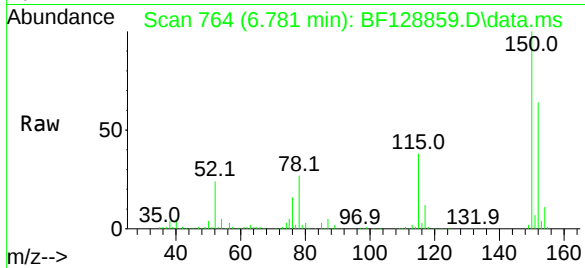




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

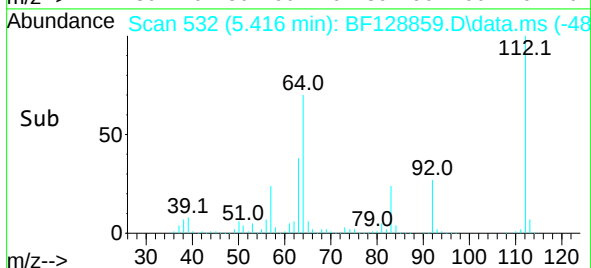
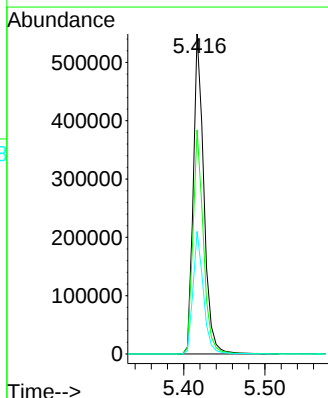
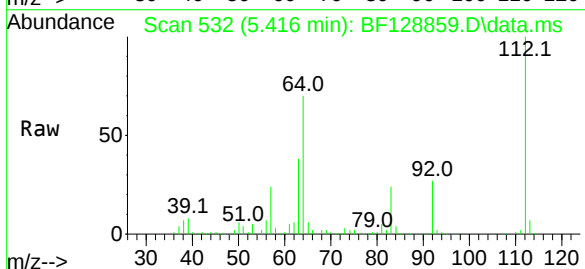
Instrument :
BNA_F
ClientSampleId :
SC-6N

Tgt Ion:152 Resp: 85678
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 59.1 49.9 74.9



#5
2-Fluorophenol
Concen: 92.993 ng
RT: 5.416 min Scan# 532
Delta R.T. 0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

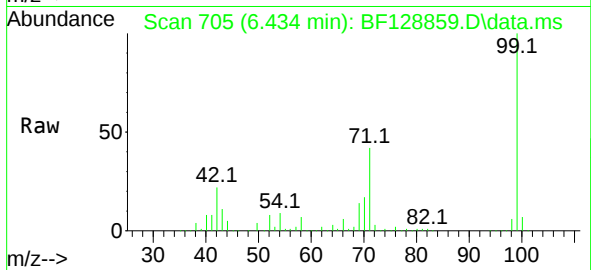
Tgt Ion:112 Resp: 500209
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 38.3 28.0 42.0





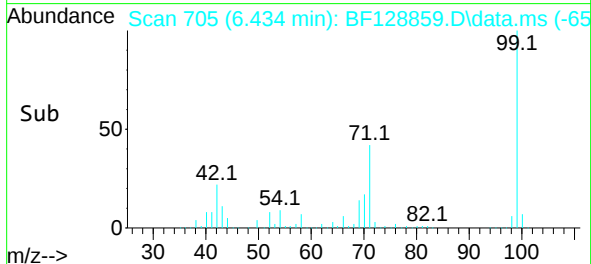
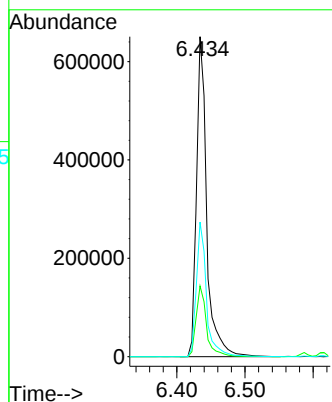
#7
Phenol-d6
Concen: 102.680 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Instrument :
BNA_F
ClientSampleId :
SC-6N



Tgt Ion: 99 Resp: 674195

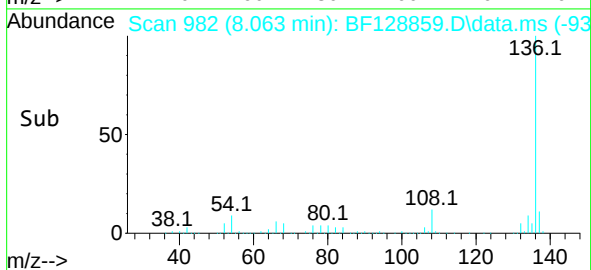
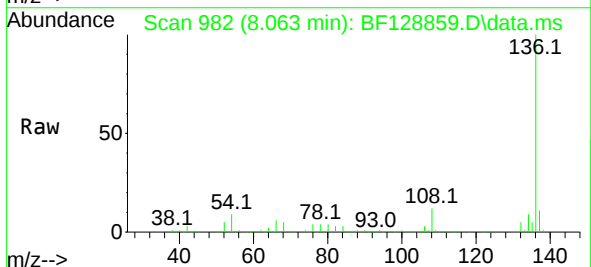
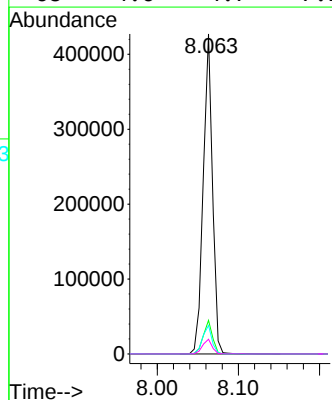
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.3	25.9
71	42.0	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion: 136 Resp: 338286

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.9	7.5	11.3
68	4.6	4.7	7.1





#23

Nitrobenzene-d5

Concen: 64.712 ng

RT: 7.346 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N

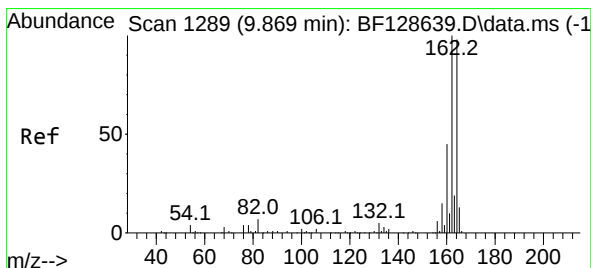
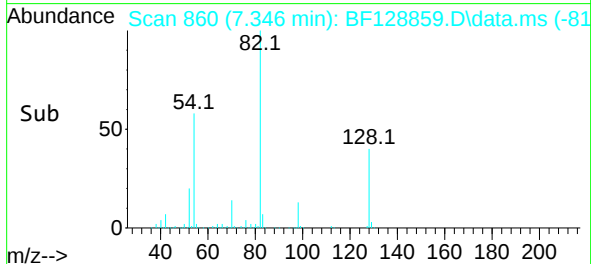
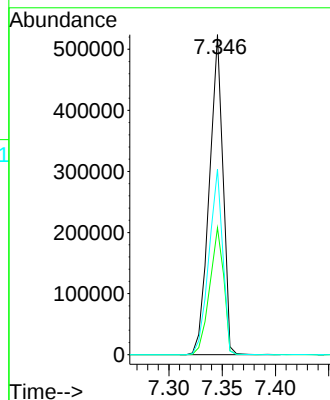
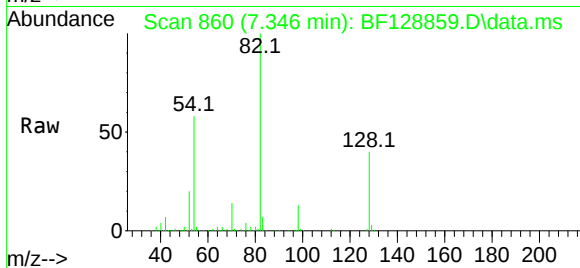
Tgt Ion: 82 Resp: 470184

Ion Ratio Lower Upper

82 100

128 39.7 34.0 51.0

54 58.0 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: BF128859.D

Acq: 17 Jun 2022 17:39

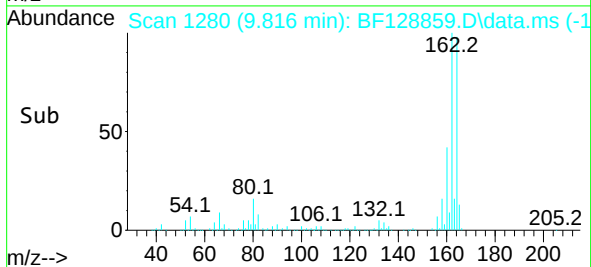
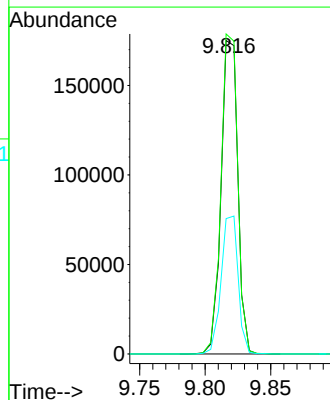
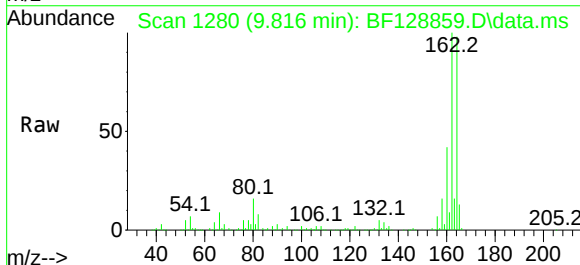
Tgt Ion:164 Resp: 155204

Ion Ratio Lower Upper

164 100

162 102.1 79.5 119.3

160 43.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 32.985 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF128859.D

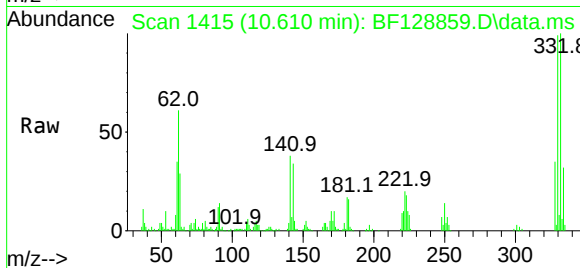
Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N



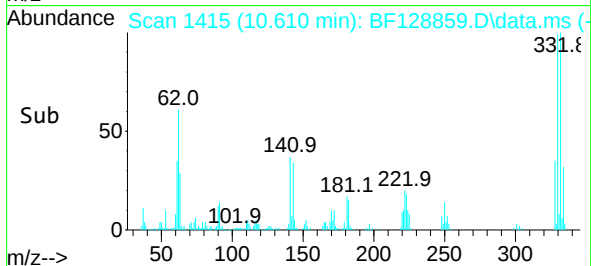
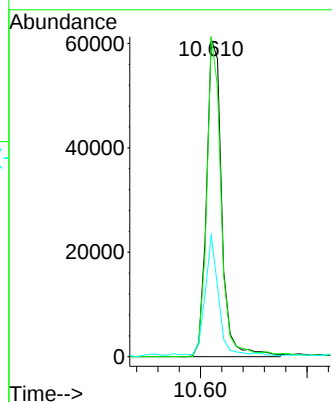
Tgt Ion:330 Resp: 60488

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 81.519 ng

RT: 9.140 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

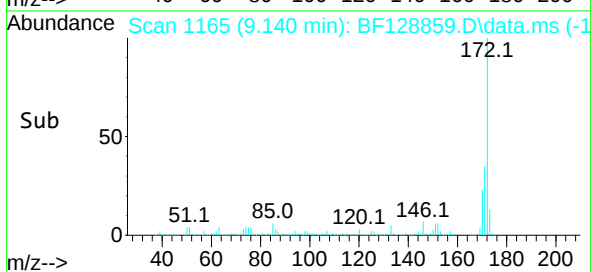
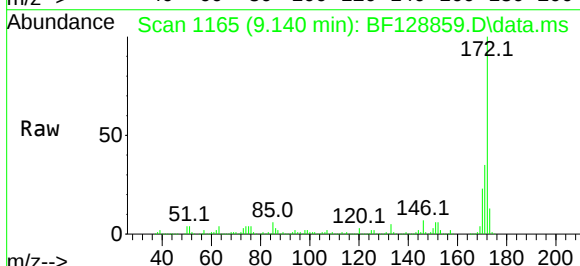
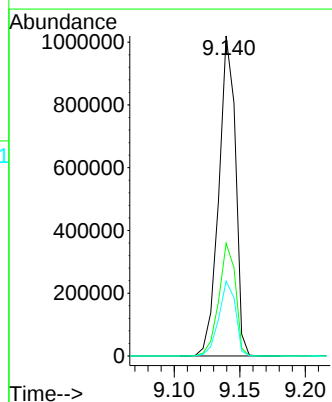
Tgt Ion:172 Resp: 903200

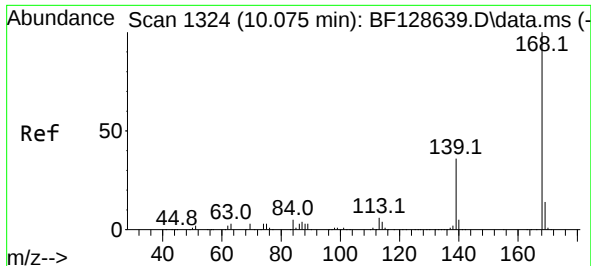
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.4 19.8 29.8

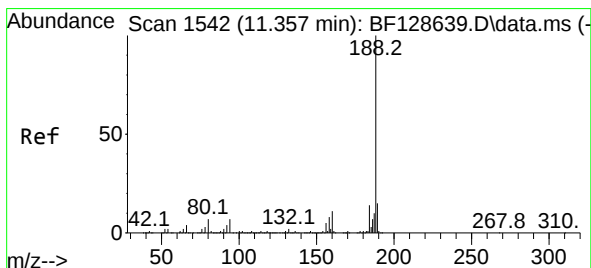
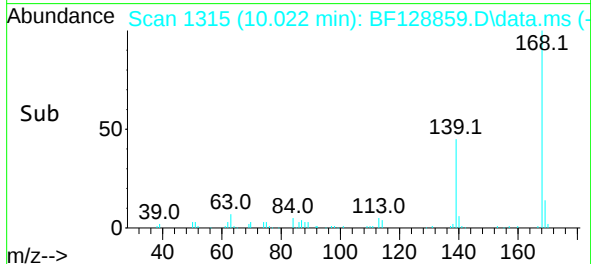
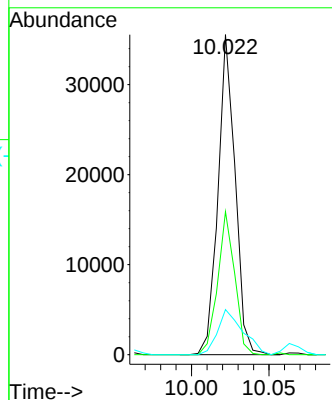
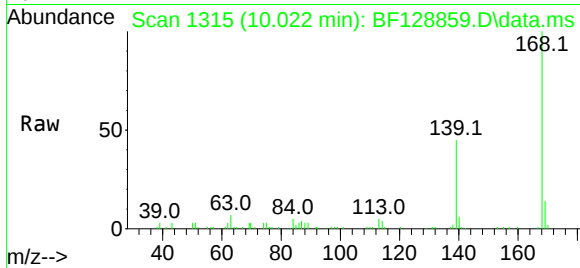




#55
Dibenzenofuran
Concen: 2.142 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

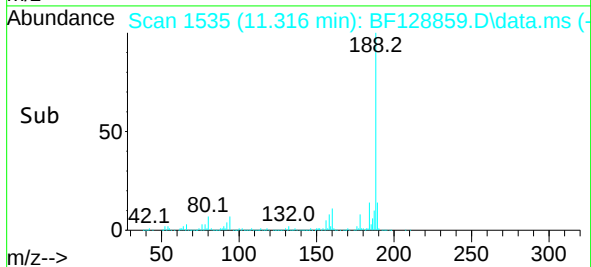
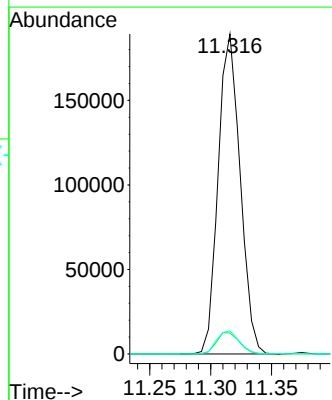
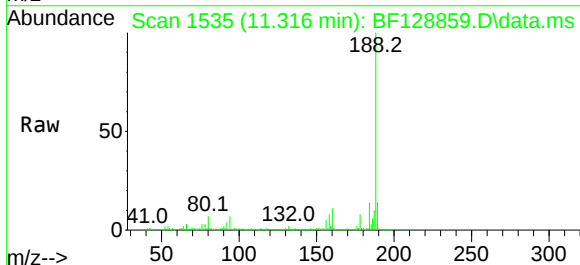
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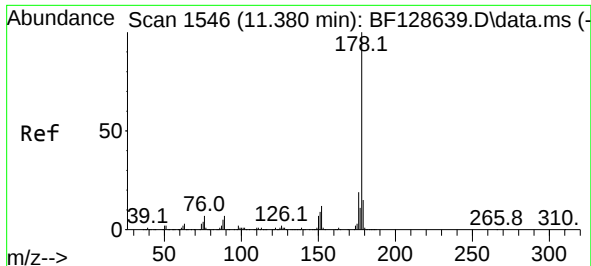
Tgt Ion:168 Resp: 27275
Ion Ratio Lower Upper
168 100
139 44.7 30.6 46.0
169 14.1 11.0 16.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:188 Resp: 238173
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.2 7.6 11.4#

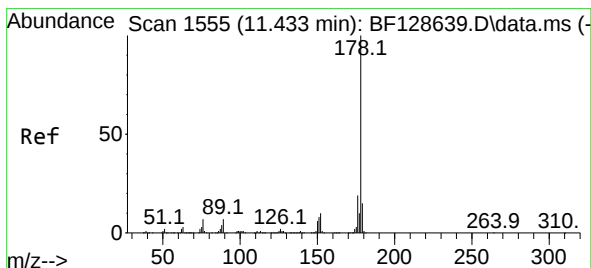
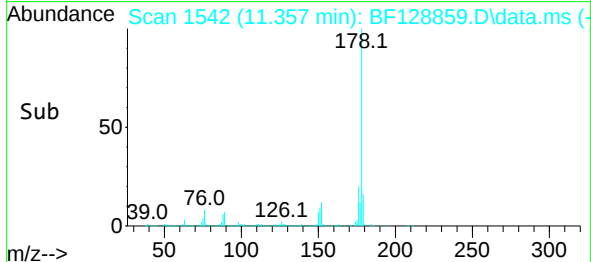
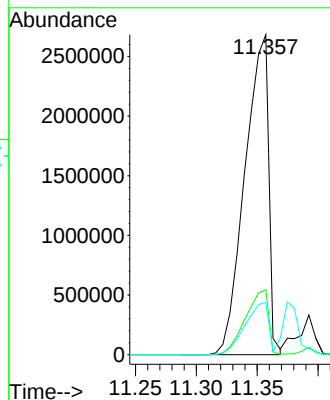
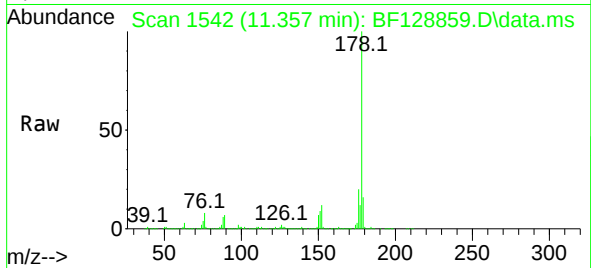




#71
Phenanthrene
Concen: 303.428 ng
RT: 11.357 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

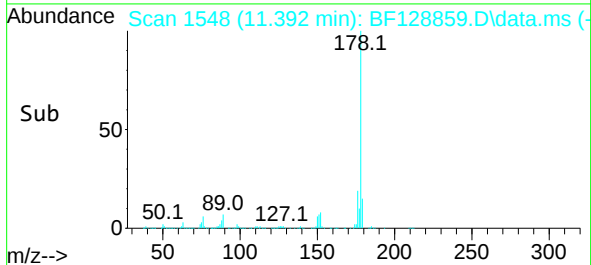
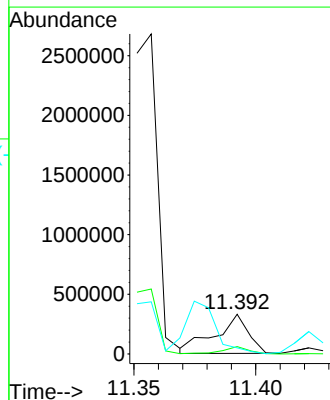
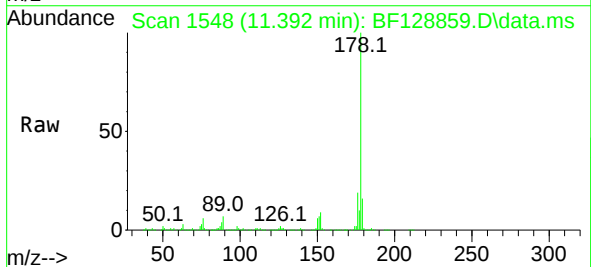
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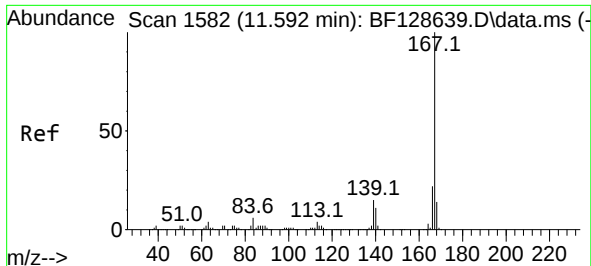
Tgt Ion:178 Resp: 3624832
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 16.3 12.6 19.0



#72
Anthracene
Concen: 26.417 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:178 Resp: 312361
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.6 12.6 19.0

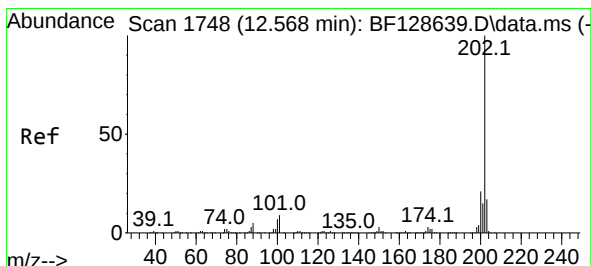
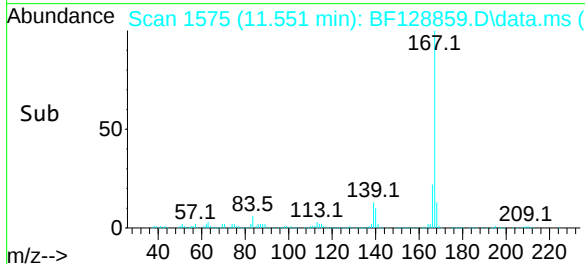
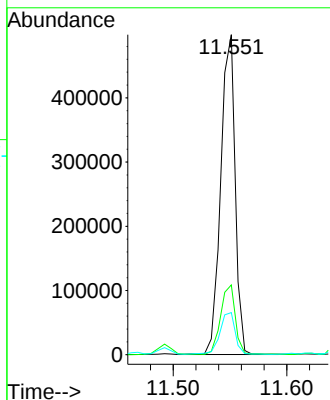
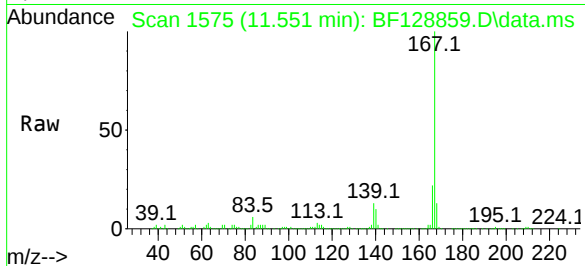




#73
 Carbazole
 Concen: 40.205 ng
 RT: 11.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128859.D
 Acq: 17 Jun 2022 17:39

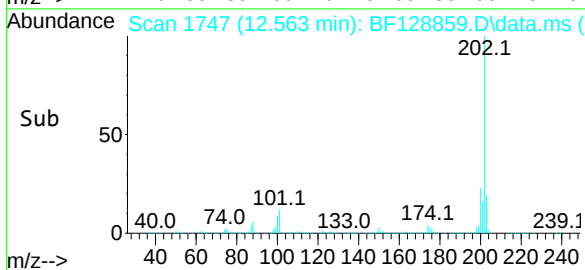
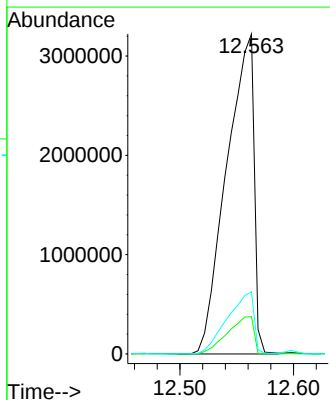
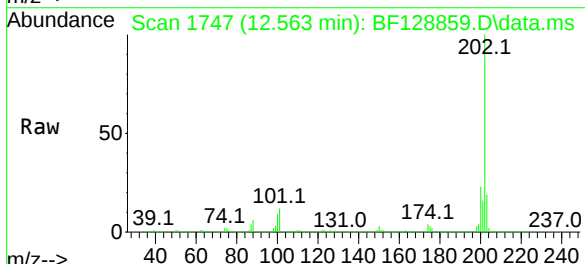
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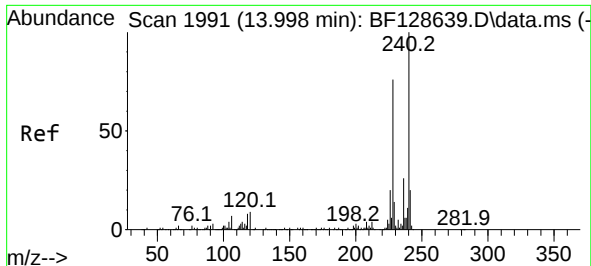
Tgt Ion:167 Resp: 441543
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.2 11.2 16.8



#75
 Fluoranthene
 Concen: 431.109 ng
 RT: 12.563 min Scan# 1747
 Delta R.T. 0.035 min
 Lab File: BF128859.D
 Acq: 17 Jun 2022 17:39

Tgt Ion:202 Resp: 5383429
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 31.4
 203 19.4 0.0 38.0

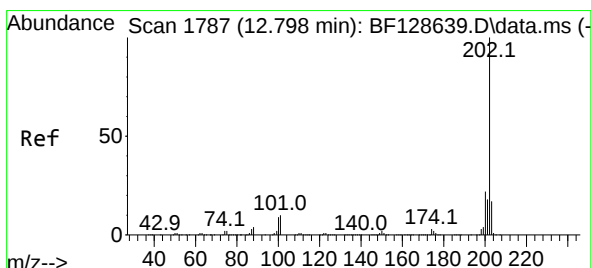
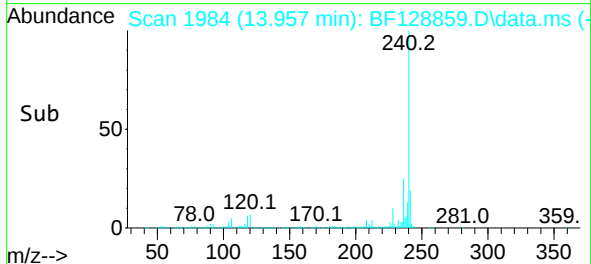
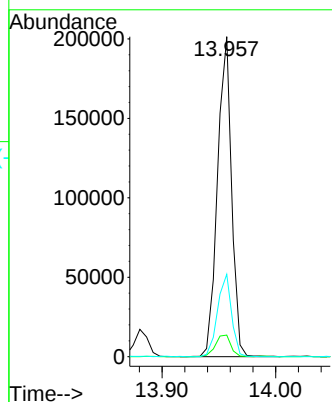
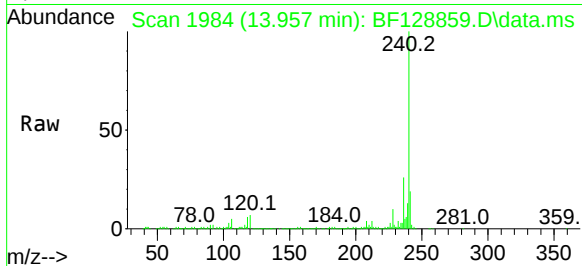




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

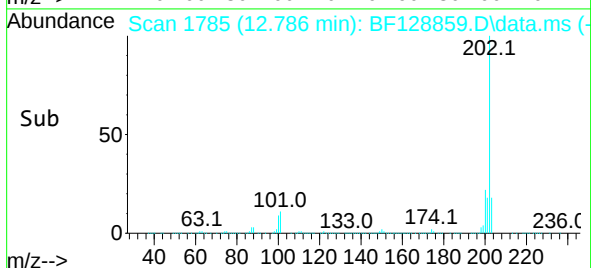
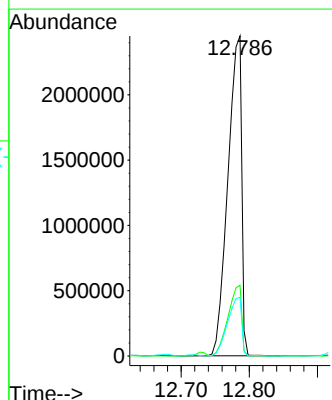
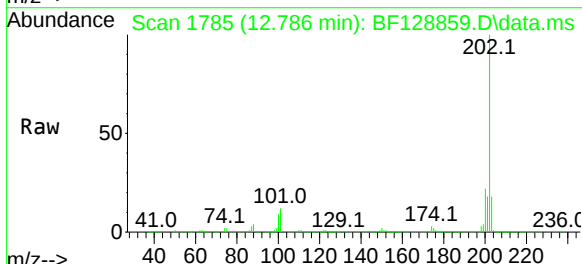
Instrument :
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ClientSampleId :
SC-6N

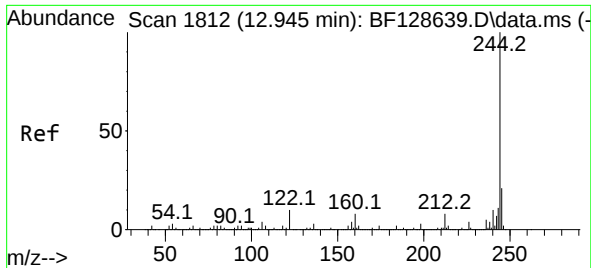
Tgt Ion:240 Resp: 173507
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 25.8 20.8 31.2



#78
Pyrene
Concen: 265.932 ng
RT: 12.786 min Scan# 1785
Delta R.T. 0.030 min
Lab File: BF128859.D
Acq: 17 Jun 2022 17:39

Tgt Ion:202 Resp: 3432875
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.3 14.6 21.8

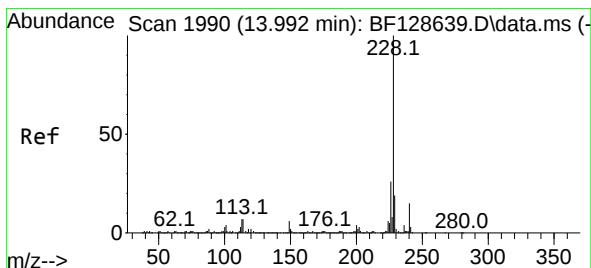
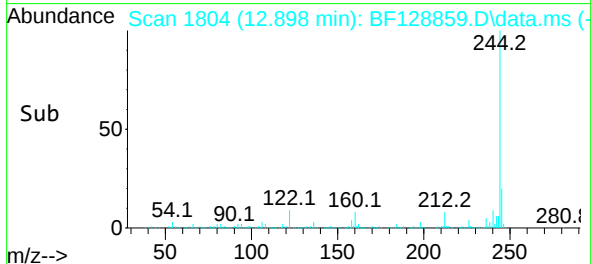
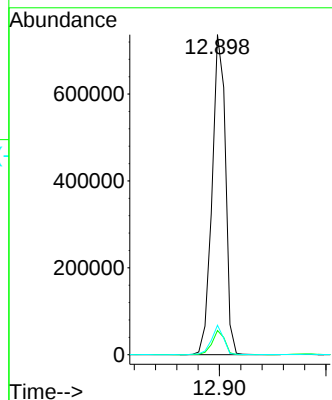
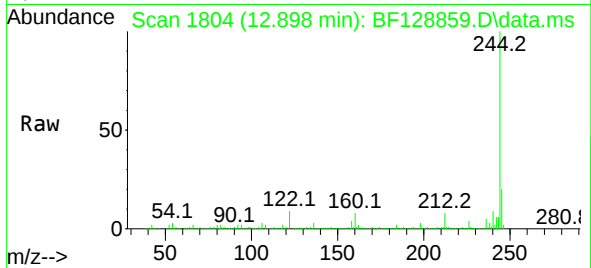




#79
 Terphenyl-d14
 Concen: 64.536 ng
 RT: 12.898 min Scan# 1804
 Delta R.T. -0.006 min
 Lab File: BF128859.D
 Acq: 17 Jun 2022 17:39

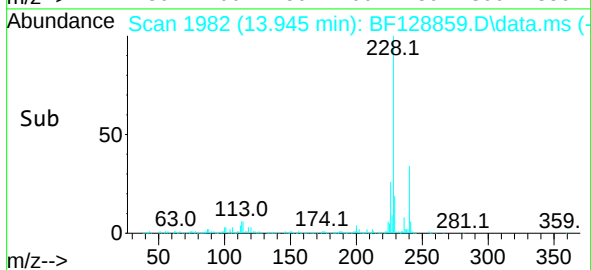
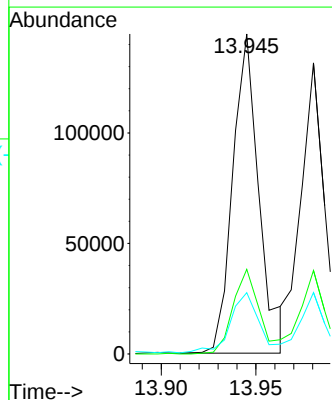
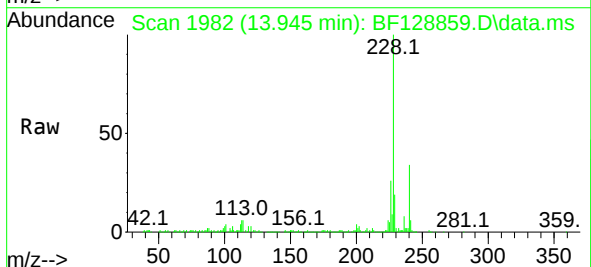
Instrument :
 BNA_F
 ClientSampleId :
 SC-6N

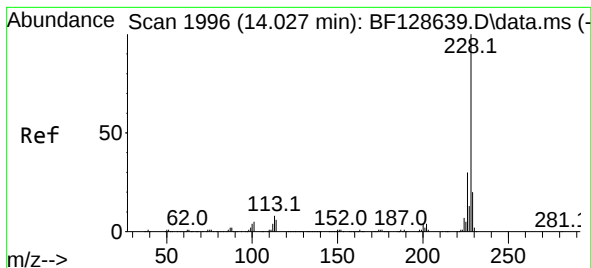
Tgt Ion:244 Resp: 644407
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 9.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 12.870 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: BF128859.D
 Acq: 17 Jun 2022 17:39

Tgt Ion:228 Resp: 139192
 Ion Ratio Lower Upper
 228 100
 226 26.5 22.1 33.1
 229 19.2 15.8 23.8





#83

Chrysene

Concen: 10.728 ng

RT: 13.980 min Scan# 1996

Delta R.T. -0.012 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Instrument :

BNA_F

ClientSampleId :

SC-6N

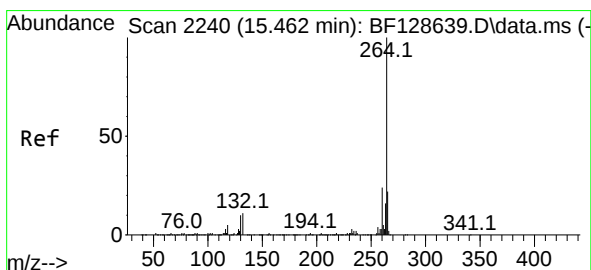
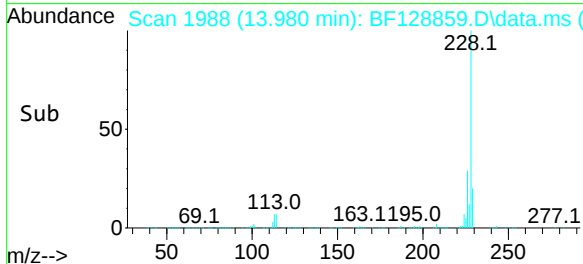
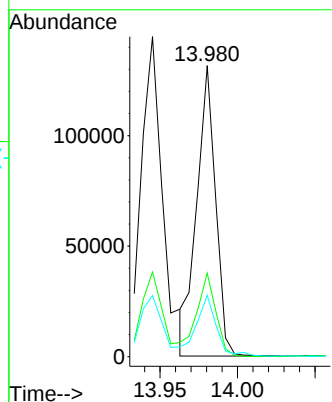
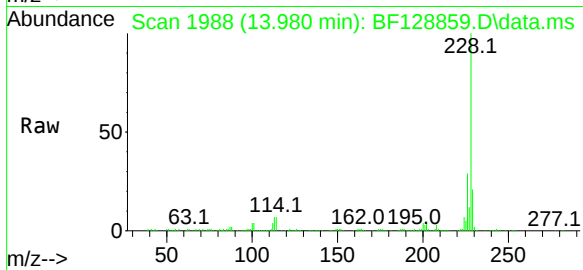
Tgt Ion:228 Resp: 110617

Ion Ratio Lower Upper

228 100

226 28.7 24.3 36.5

229 21.1 15.9 23.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.410 min Scan# 2231

Delta R.T. -0.006 min

Lab File: BF128859.D

Acq: 17 Jun 2022 17:39

Tgt Ion:264 Resp: 173341

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 21.6 17.2 25.8

