

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128880.D
 Acq On : 20 Jun 2022 16:52
 Operator : CG\JU
 Sample : N3373-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13W

Quant Time: Jun 21 01:16:24 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)

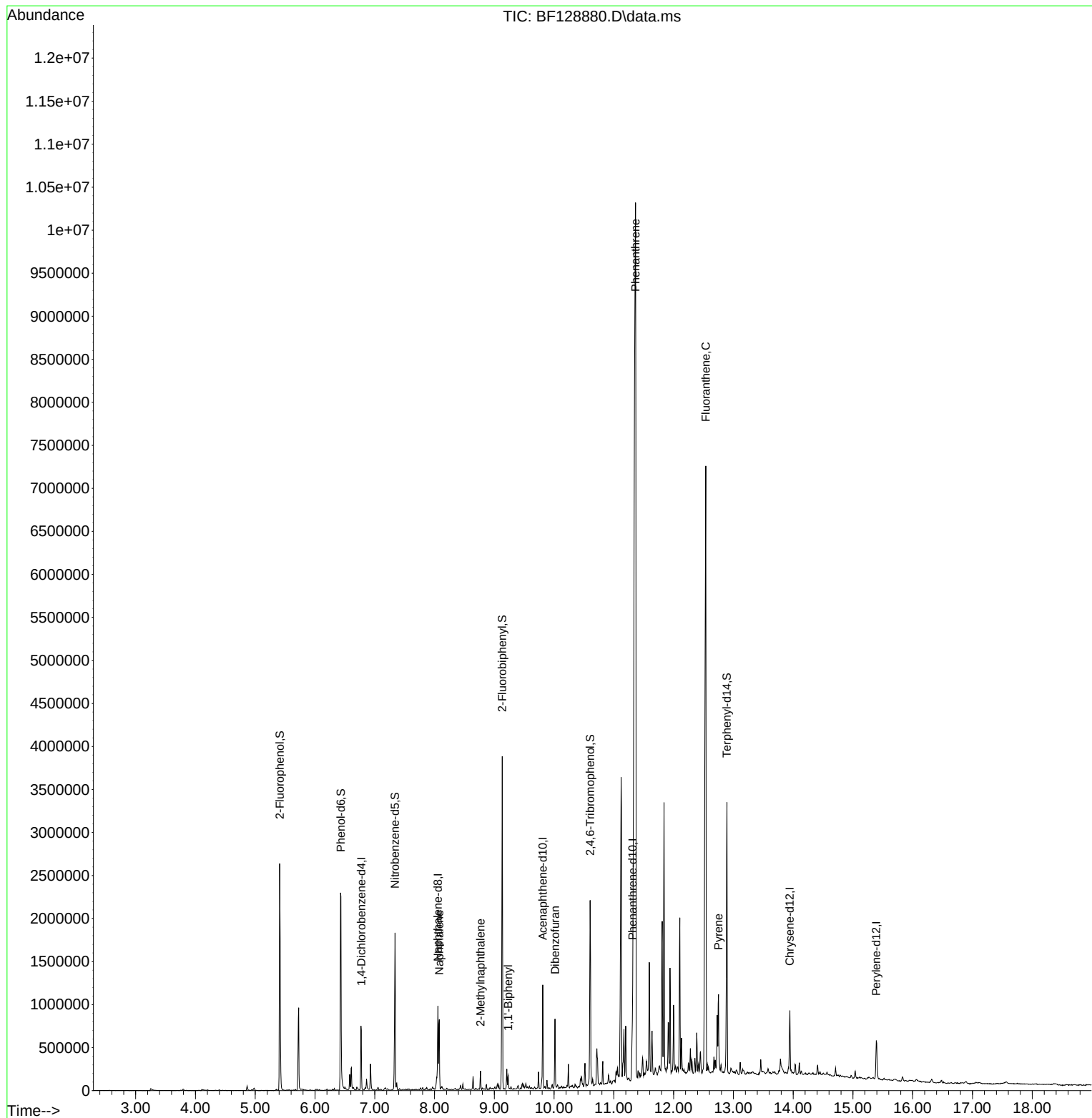
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	104630	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	384389	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	224756	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	374548	20.000	ng	0.01
76) Chrysene-d12	13.945	240	233477	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	200828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	619303	94.279	ng	0.00
7) Phenol-d6	6.434	99	798681	99.607	ng	0.00
23) Nitrobenzene-d5	7.339	82	567561	68.745	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	222095	83.633	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1100356	68.580	ng	0.00
79) Terphenyl-d14	12.892	244	1043587	77.668	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.081	128	347267	17.604	ng	99
37) 2-Methylnaphthalene	8.769	142	49346	3.933	ng	96
46) 1,1'-Biphenyl	9.233	154	45443	2.695	ng	95
55) Dibenzofuran	10.016	168	247479	13.423	ng	95
71) Phenanthrene	11.363	178	8472996	451.014	ng	94
75) Fluoranthene	12.539	202	3869831	197.063	ng	98
78) Pyrene	12.751	202	355592	20.471	ng	98

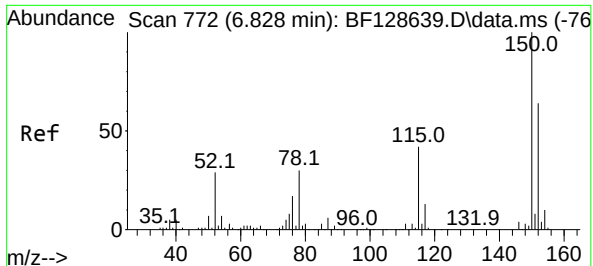
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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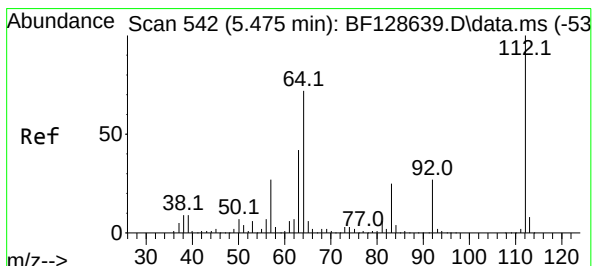
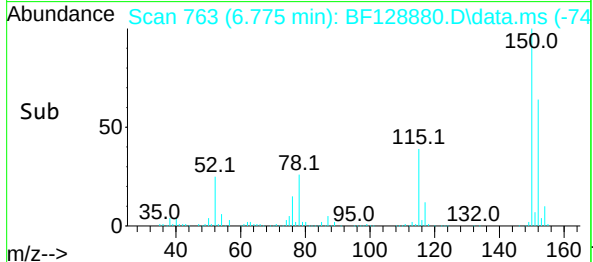
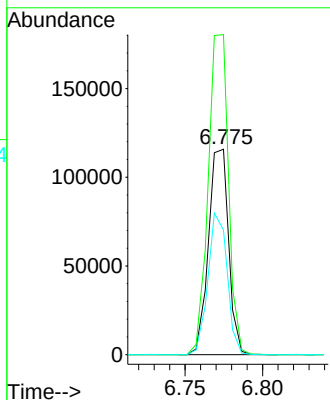
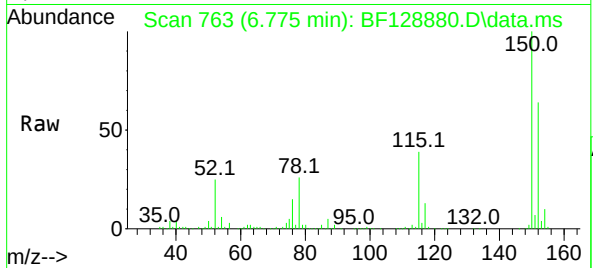




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

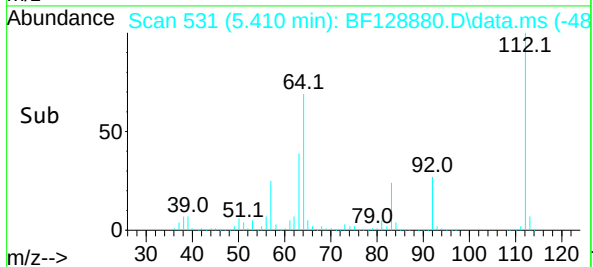
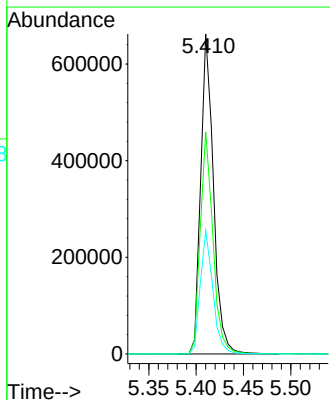
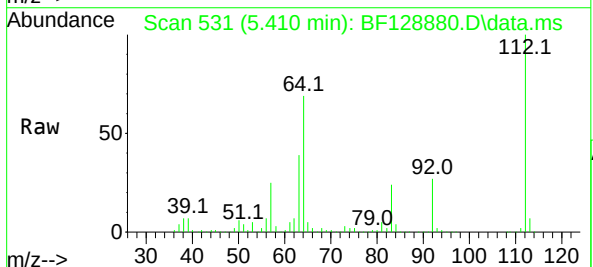
Instrument :
BNA_F
ClientSampleId :
SC-13W

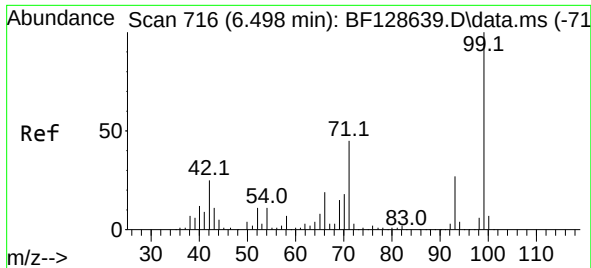
Tgt Ion:152 Resp: 104630
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 94.279 ng
RT: 5.410 min Scan# 531
Delta R.T. -0.000 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Tgt Ion:112 Resp: 619303
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 38.6 28.0 42.0

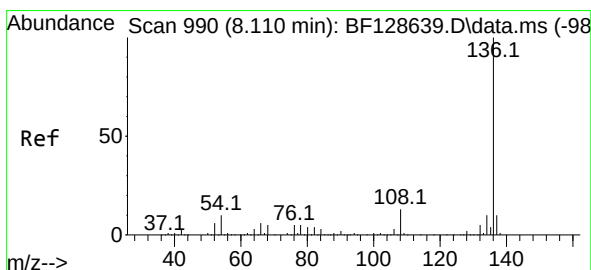
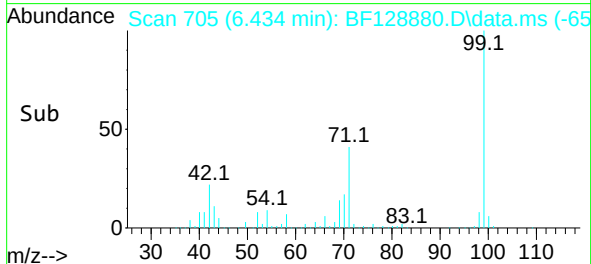
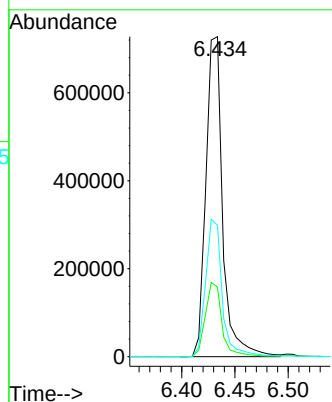
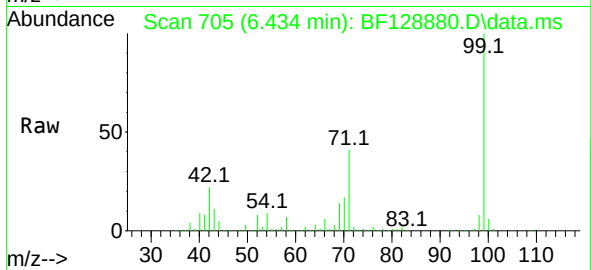




#7
Phenol-d6
Concen: 99.607 ng
RT: 6.434 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

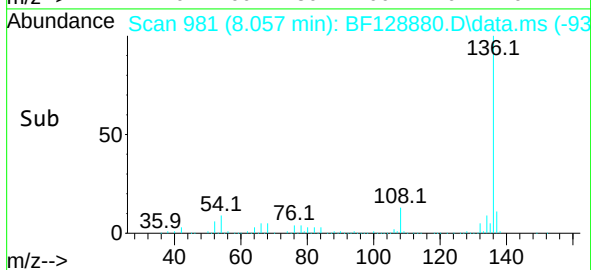
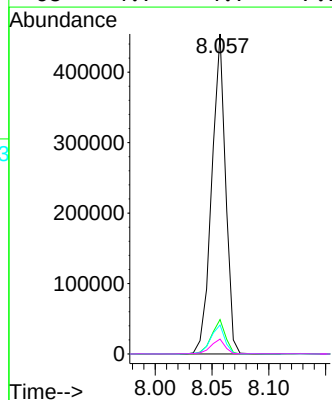
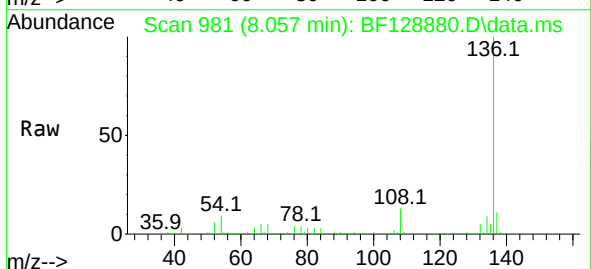
Instrument :
BNA_F
ClientSampleId :
SC-13W

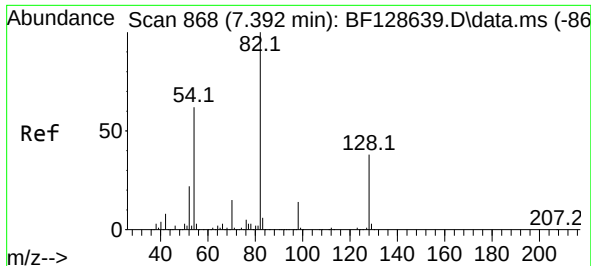
Tgt Ion: 99 Resp: 798681
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 41.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Tgt Ion:136 Resp: 384389
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.1 7.5 11.3
68 4.7 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 68.745 ng

RT: 7.339 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128880.D

Acq: 20 Jun 2022 16:52

Instrument :

BNA_F

ClientSampleId :

SC-13W

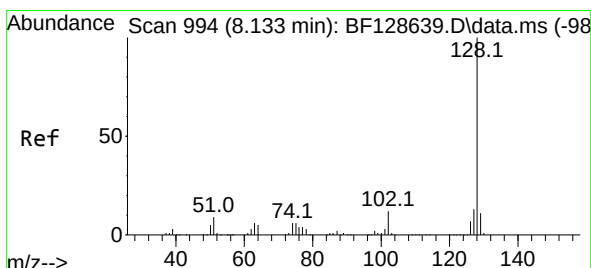
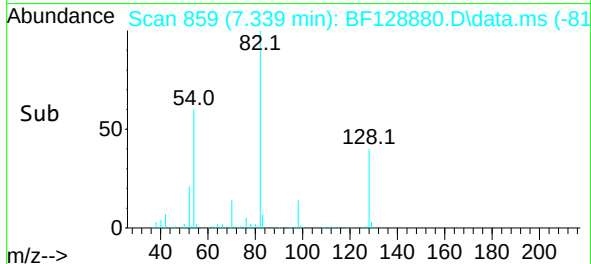
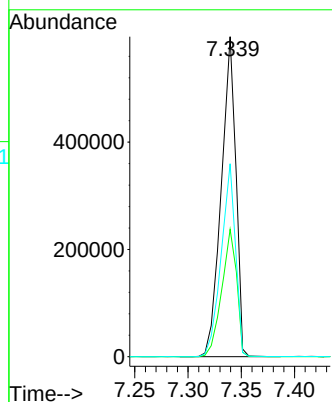
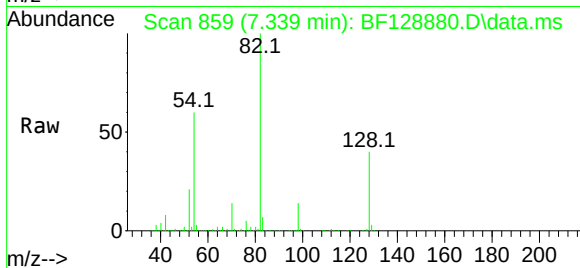
Tgt Ion: 82 Resp: 567561

Ion Ratio Lower Upper

82 100

128 39.8 34.0 51.0

54 60.3 46.9 70.3



#31

Naphthalene

Concen: 17.604 ng

RT: 8.081 min Scan# 985

Delta R.T. -0.006 min

Lab File: BF128880.D

Acq: 20 Jun 2022 16:52

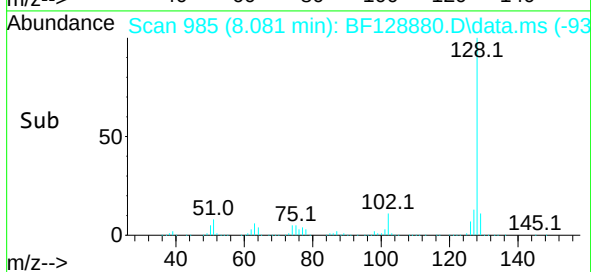
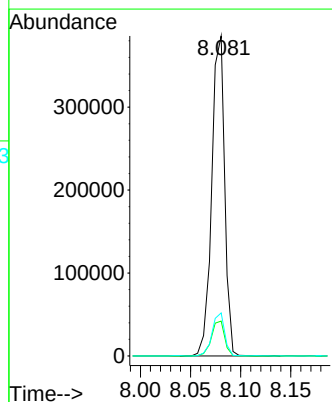
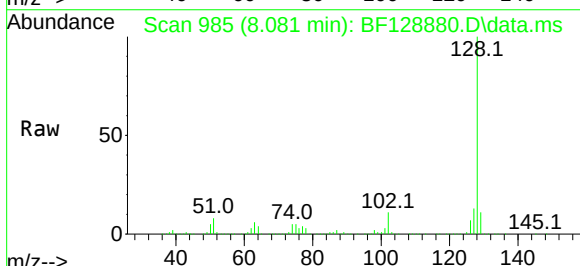
Tgt Ion:128 Resp: 347267

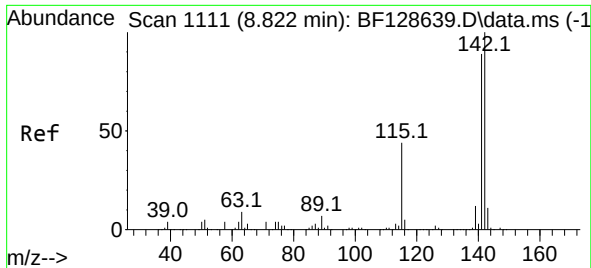
Ion Ratio Lower Upper

128 100

129 10.9 9.2 13.8

127 13.5 10.5 15.7

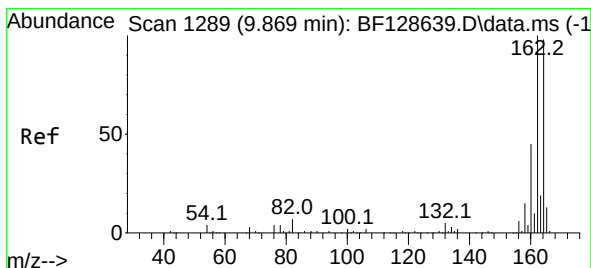
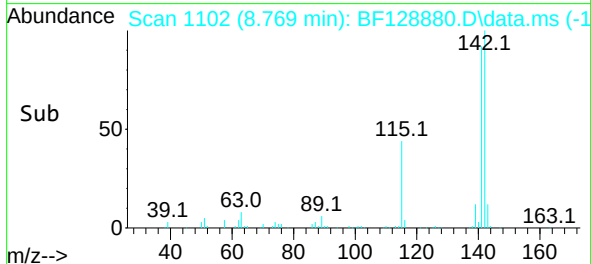
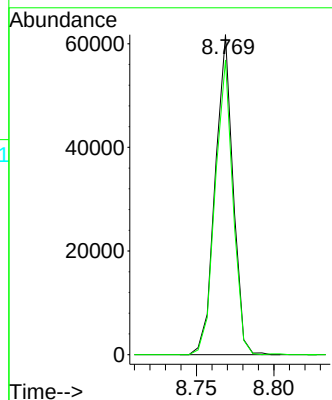
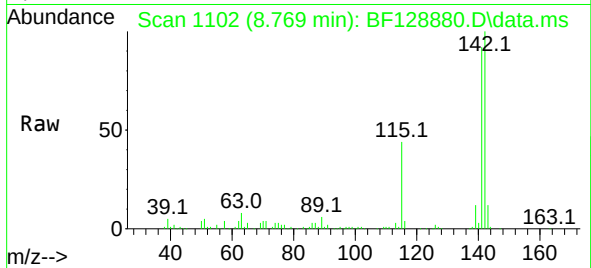




#37
2-Methylnaphthalene
Concen: 3.933 ng
RT: 8.769 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

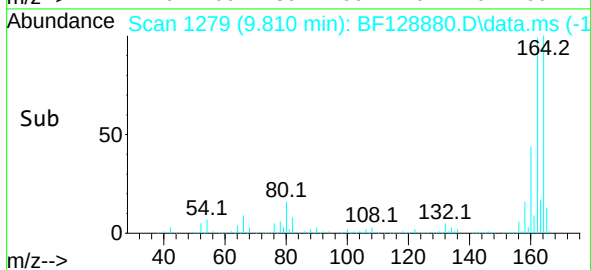
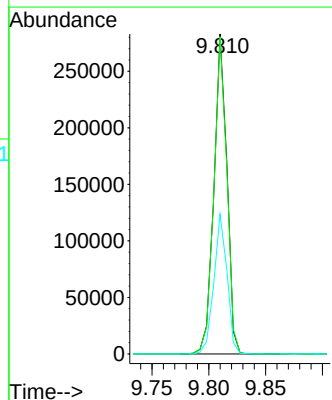
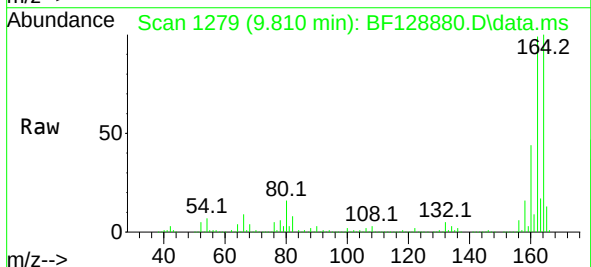
Instrument :
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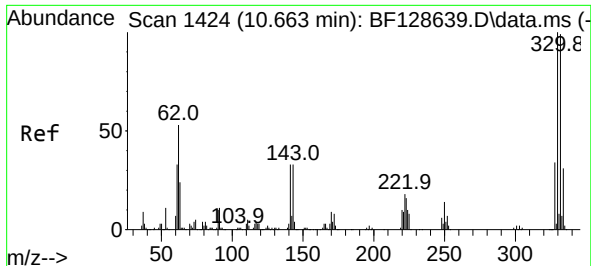
Tgt Ion:142 Resp: 49346
Ion Ratio Lower Upper
142 100
141 92.1 71.0 106.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

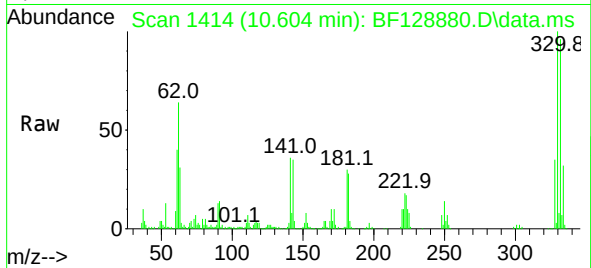
Tgt Ion:164 Resp: 224756
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 43.7 34.2 51.4



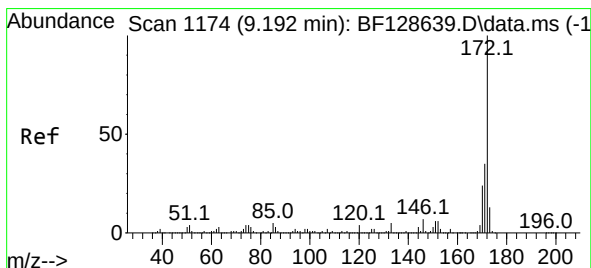
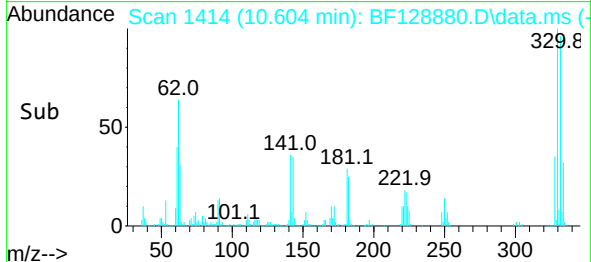
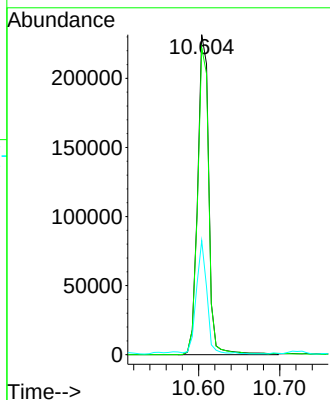


#42
2,4,6-Tribromophenol
Concen: 83.633 ng
RT: 10.604 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
SC-13W

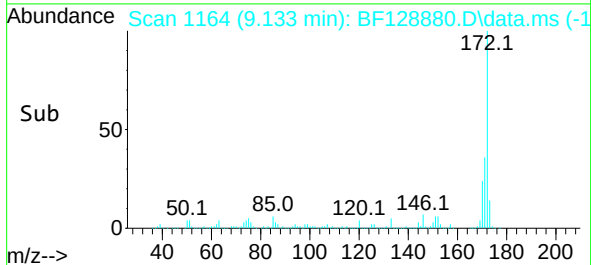
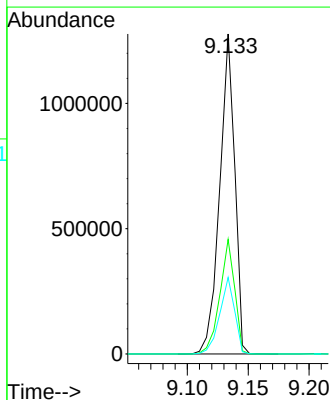
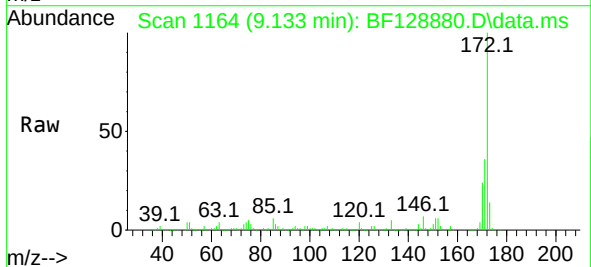


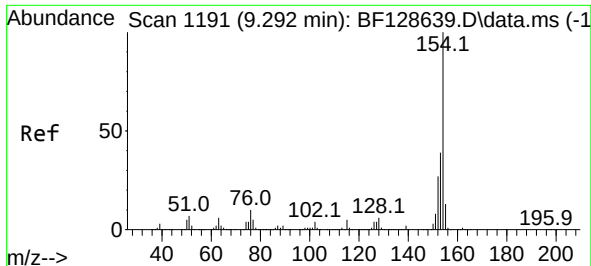
Tgt Ion:330 Resp: 222095
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 33.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 68.580 ng
RT: 9.133 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Tgt Ion:172 Resp: 1100356
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.9 19.8 29.8

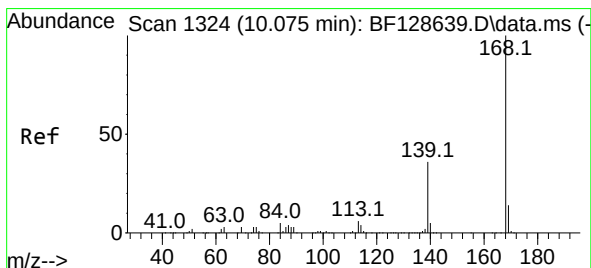
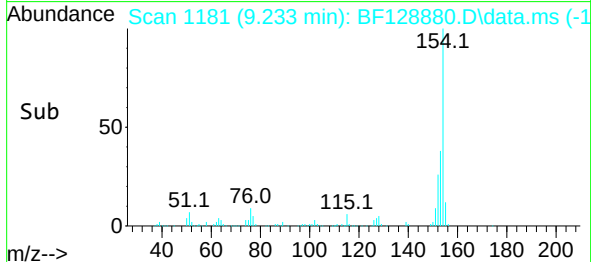
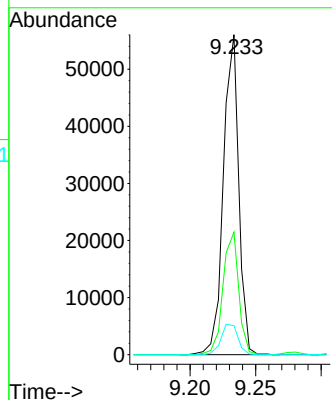
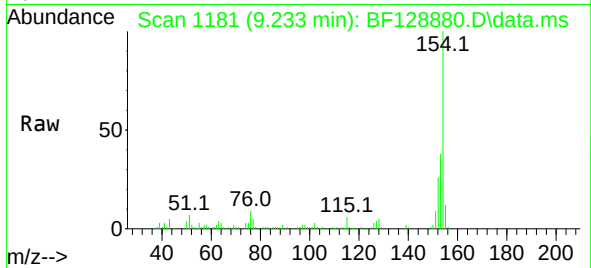




#46
1,1'-Biphenyl
Concen: 2.695 ng
RT: 9.233 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

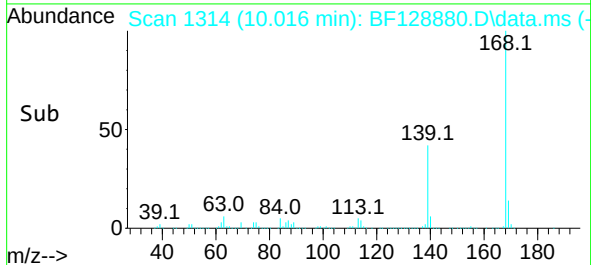
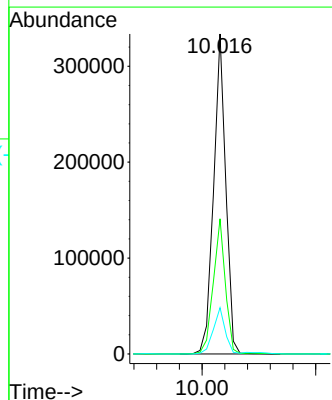
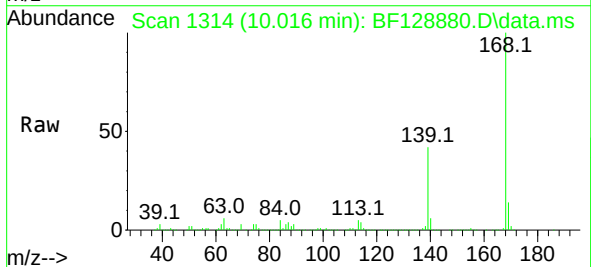
Instrument :
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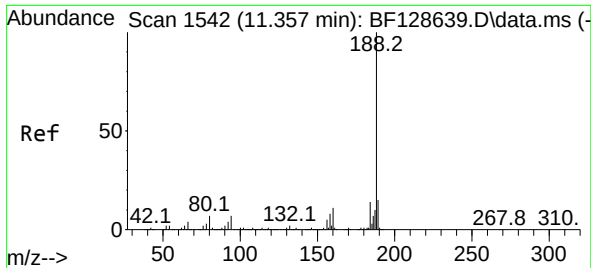
Tgt Ion:154 Resp: 45443
Ion Ratio Lower Upper
154 100
153 38.3 20.6 60.6
76 9.0 0.0 33.3



#55
Dibenzofuran
Concen: 13.423 ng
RT: 10.016 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Tgt Ion:168 Resp: 247479
Ion Ratio Lower Upper
168 100
139 42.3 30.6 46.0
169 14.5 11.0 16.6

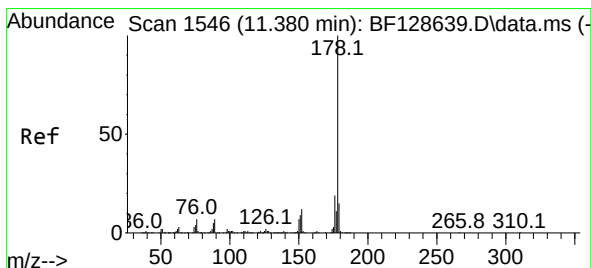
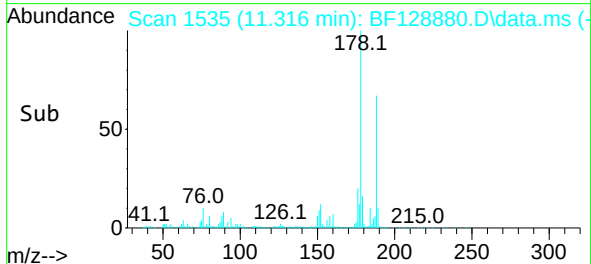
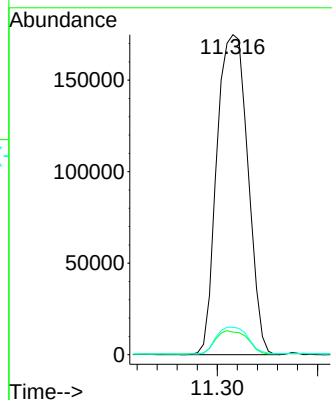
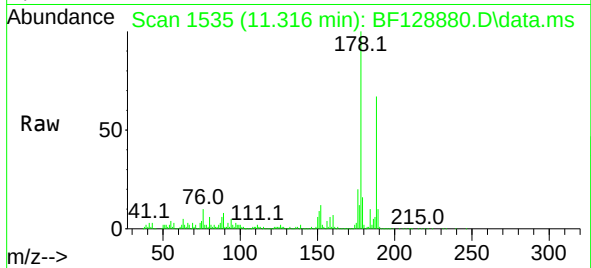




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

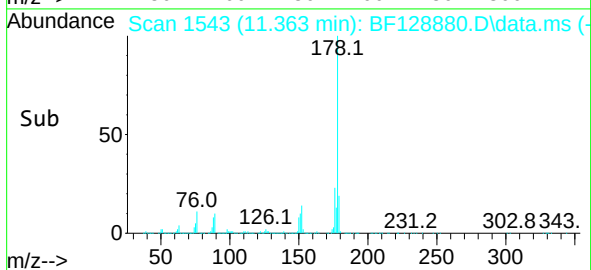
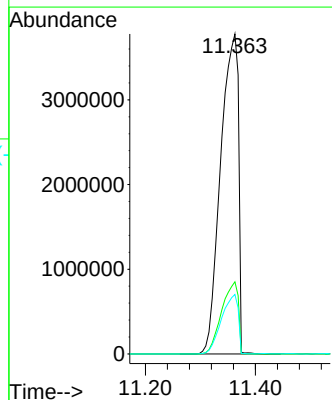
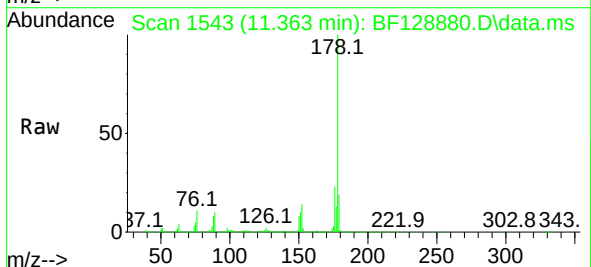
Instrument :
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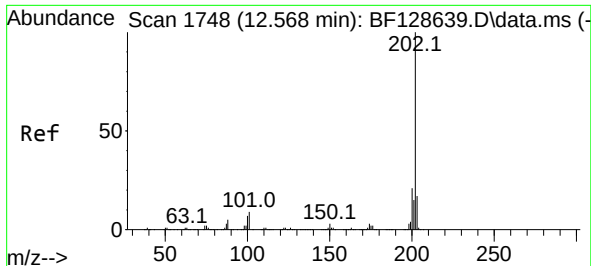
Tgt Ion:188 Resp: 374548
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6
80 8.6 7.6 11.4



#71
Phenanthrene
Concen: 451.014 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.029 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Tgt Ion:178 Resp: 8472996
Ion Ratio Lower Upper
178 100
176 22.6 16.0 24.0
179 18.6 12.6 19.0

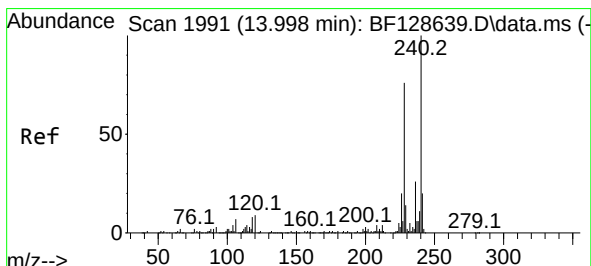
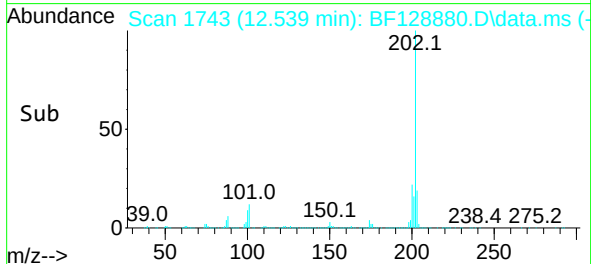
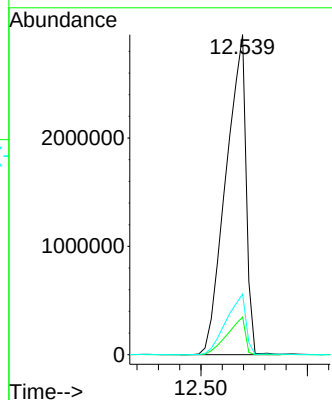
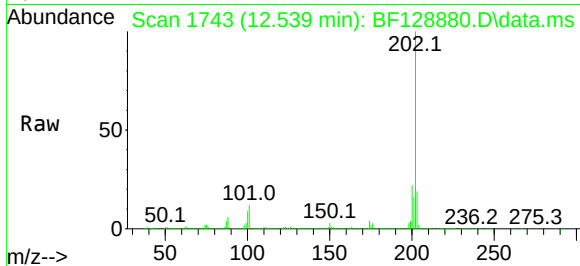




#75
Fluoranthene
Concen: 197.063 ng
RT: 12.539 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

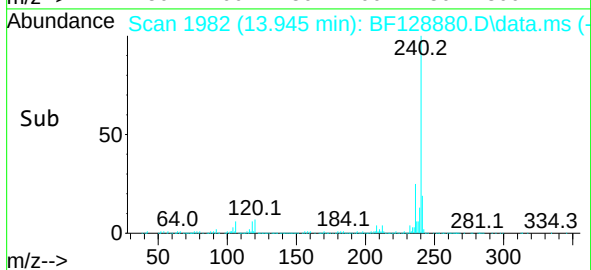
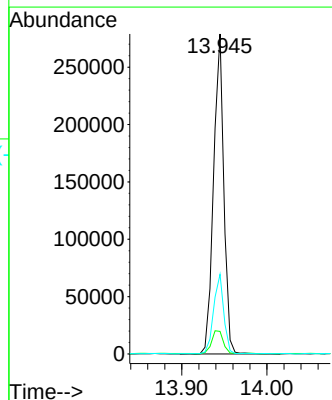
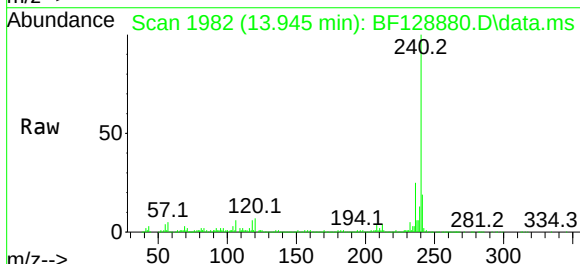
Instrument :
BNA_F
ClientSampleId :
SC-13W

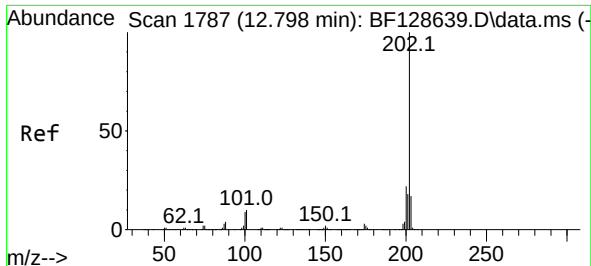
Tgt Ion:202 Resp: 3869831
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 18.9 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Tgt Ion:240 Resp: 233477
Ion Ratio Lower Upper
240 100
120 7.0 8.9 13.3#
236 24.9 20.8 31.2

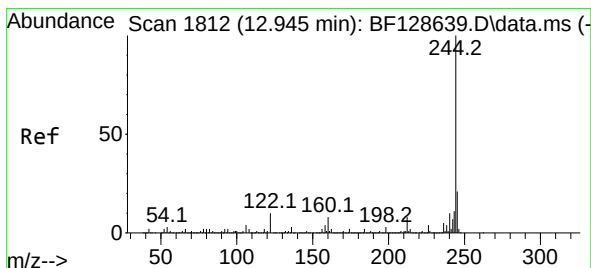
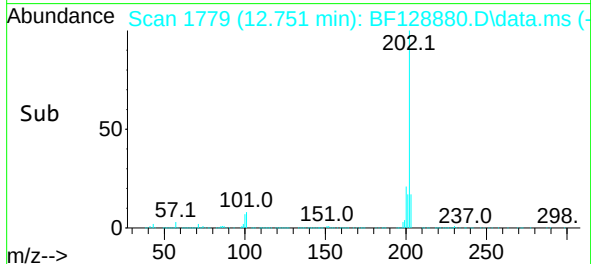
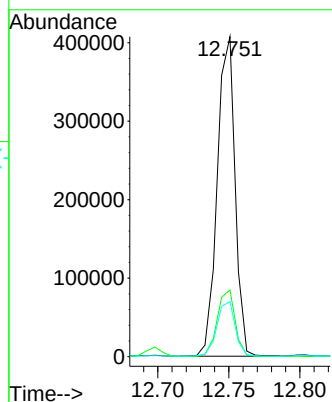
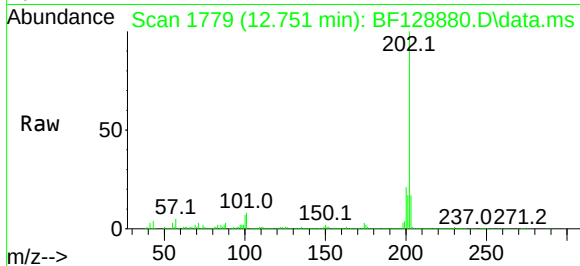




#78
 Pyrene
 Concen: 20.471 ng
 RT: 12.751 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF128880.D
 Acq: 20 Jun 2022 16:52

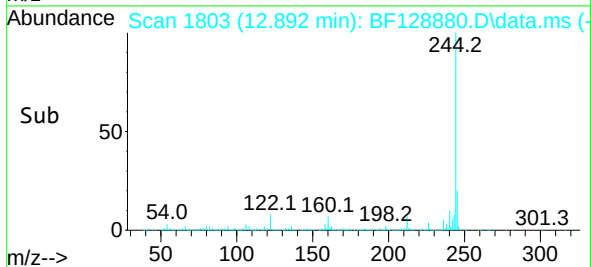
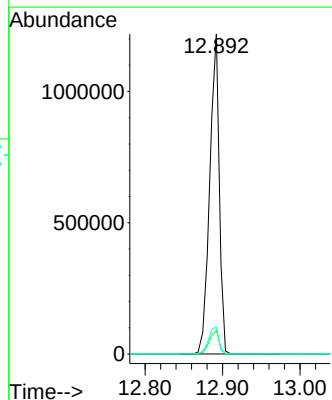
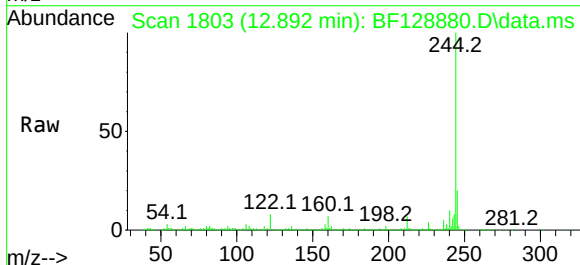
Instrument :
 BNA_F
 ClientSampleId :
 SC-13W

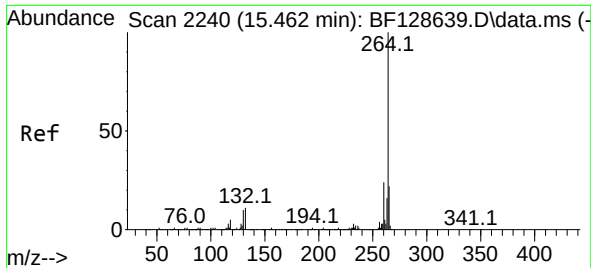
Tgt Ion:202 Resp: 355592
 Ion Ratio Lower Upper
 202 100
 200 20.9 17.7 26.5
 203 17.2 14.6 21.8



#79
 Terphenyl-d14
 Concen: 77.668 ng
 RT: 12.892 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: BF128880.D
 Acq: 20 Jun 2022 16:52

Tgt Ion:244 Resp: 1043587
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.4 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128880.D
Acq: 20 Jun 2022 16:52

Instrument :
BNA_F
ClientSampleId :
SC-13W

Tgt Ion:264 Resp: 200828

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	22.2	17.2	25.8

