

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113128.D
 Acq On : 19 Mar 2019 16:28
 Operator : JU/SJ
 Sample : K1970-09 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-9-W.WALL-N.CENTER

Quant Time: Mar 19 17:08:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

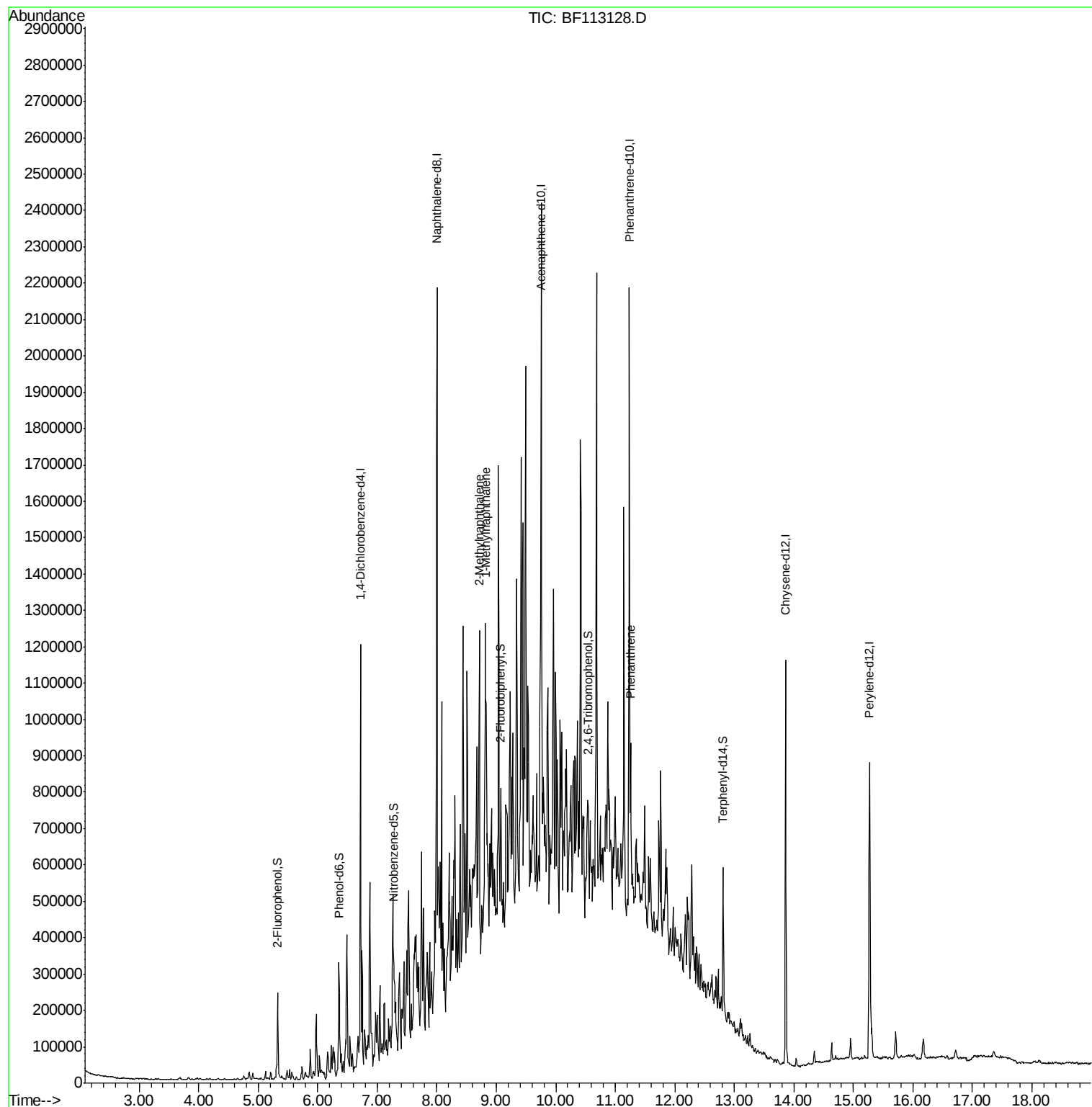
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	177569	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	708653	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	337117	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	646307	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	407660	20.00	ng	0.00
87) Perylene-d12	15.27	264	419726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	73194	6.41	ng	-0.02
7) Phenol-d6	6.36	99	114293	7.97	ng	-0.02
23) Nitrobenzene-d5	7.27	82	65898	5.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	25344	7.08	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	124685	3.51	ng	-0.01
79) Terphenyl-d14	12.81	244	120892	5.75	ng	-0.01
Target Compounds						
37) 2-Methylnaphthalene	8.72	142	236938	10.428	ng	100
38) 1-Methylnaphthalene	8.82	142	196860	8.944	ng	98
71) Phenanthrene	11.26	178	129444	4.025	ng	97

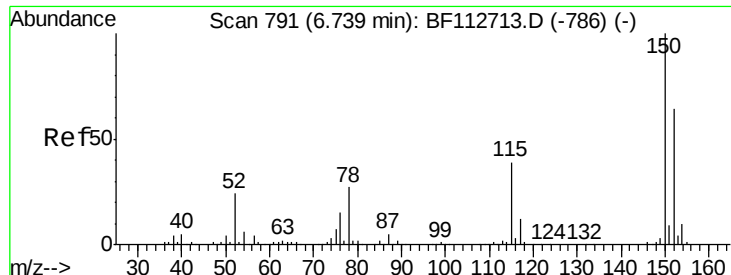
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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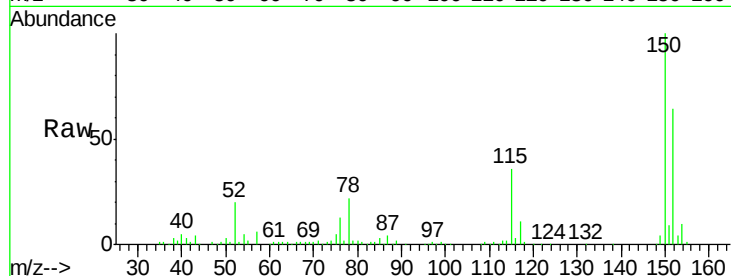




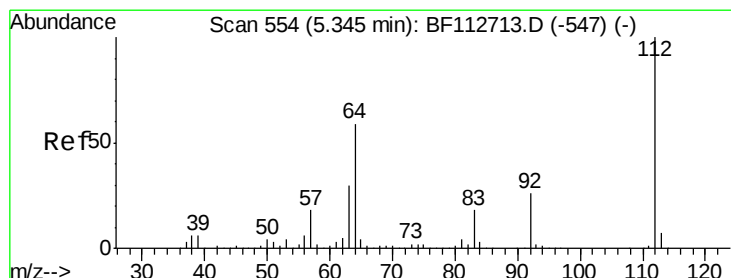
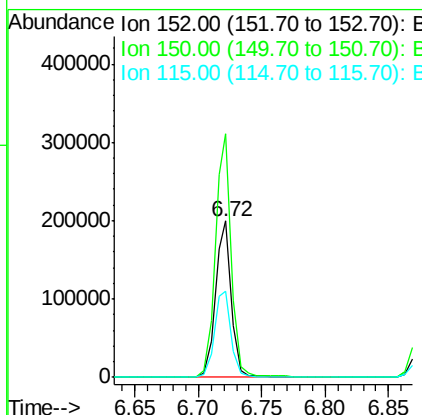
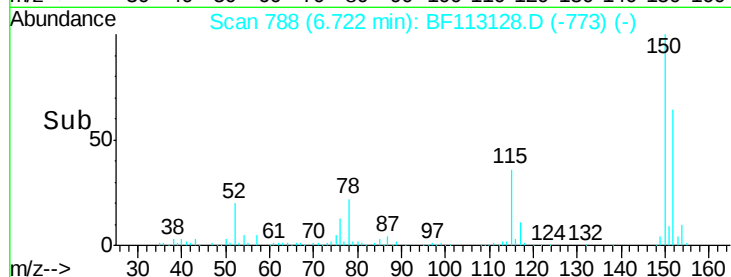
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113128.D
 Acq: 19 Mar 2019 16:28

Instrument :
 BNA_F
 ClientSampleId :
 P-9-W.WALL-N.CENTER

Tgt Ion:152 Resp: 177569
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.2 186.2
 115 55.4 48.2 72.4

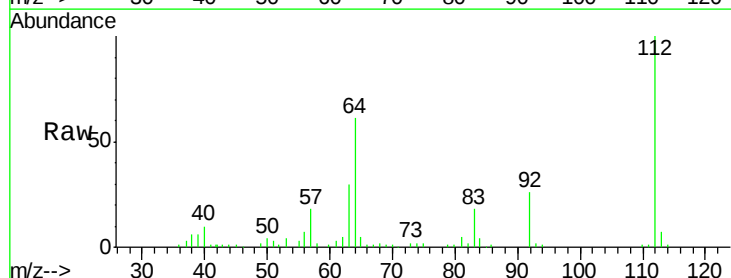


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

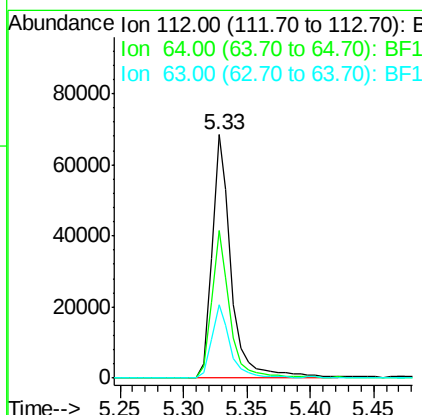
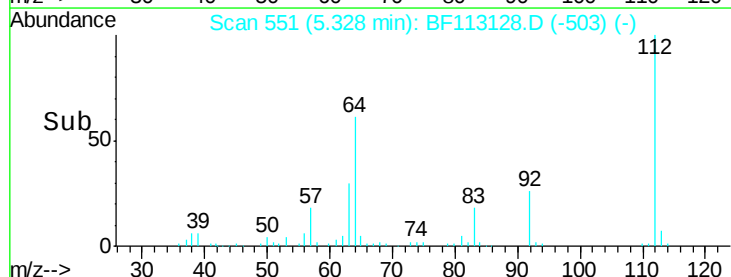


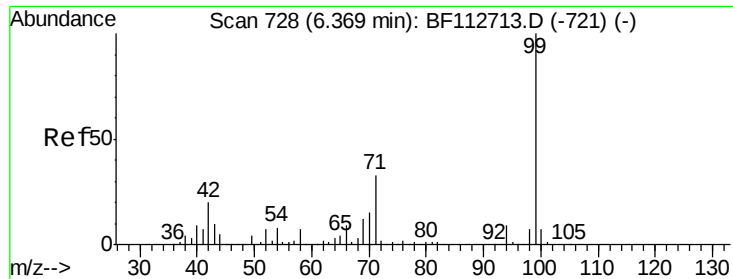
#5
 2-Fluorophenol
 Concen: 6.412 ng
 RT: 5.33 min Scan# 551
 Delta R.T. -0.02 min
 Lab File: BF113128.D
 Acq: 19 Mar 2019 16:28

Tgt Ion:112 Resp: 73194
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.6 71.4
 63 30.2 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 7.971 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF113128.D

Acq: 19 Mar 2019 16:28

Instrument :

BNA_F

ClientSampleId :

P-9-W.WALL-N.CENTER

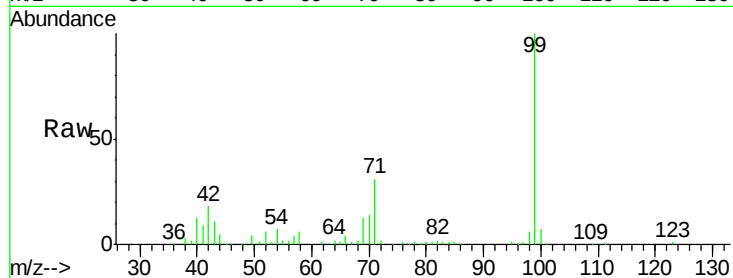
Tgt Ion: 99 Resp: 114293

Ion Ratio Lower Upper

99 100

42 17.6 16.3 24.5

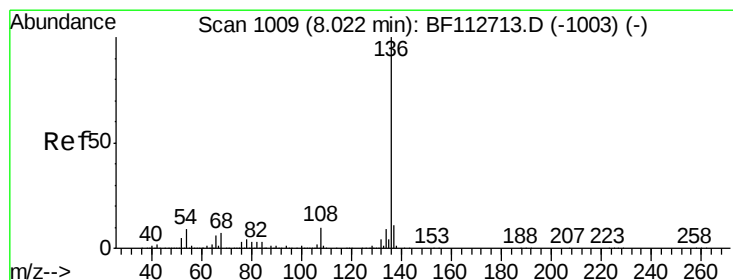
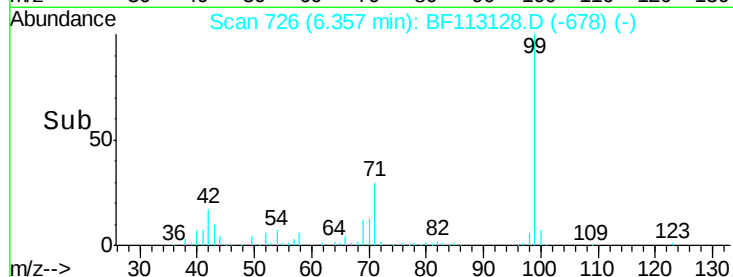
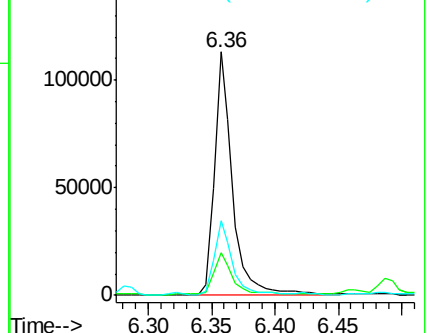
71 30.7 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113128.D

Acq: 19 Mar 2019 16:28

Tgt Ion: 136 Resp: 708653

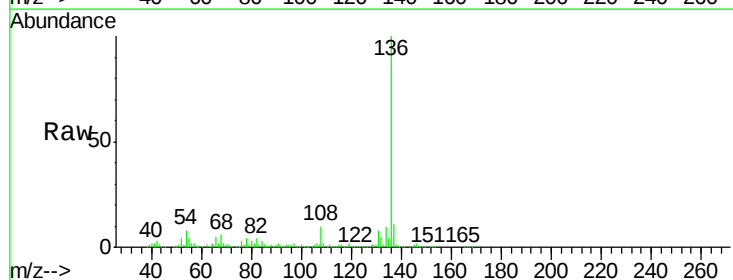
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 7.3 10.9

68 6.3 5.4 8.2

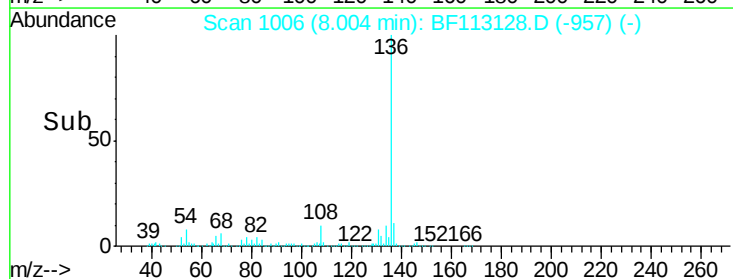
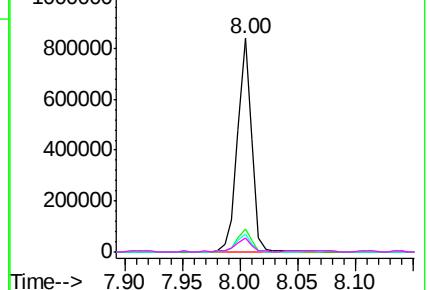


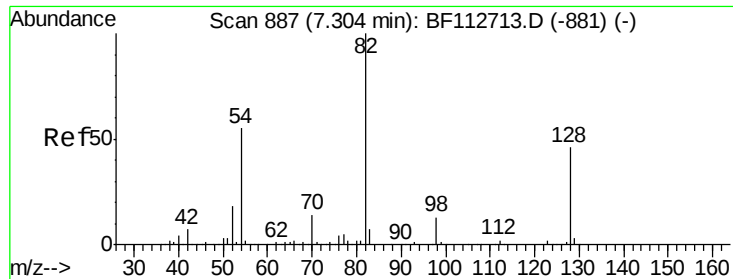
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

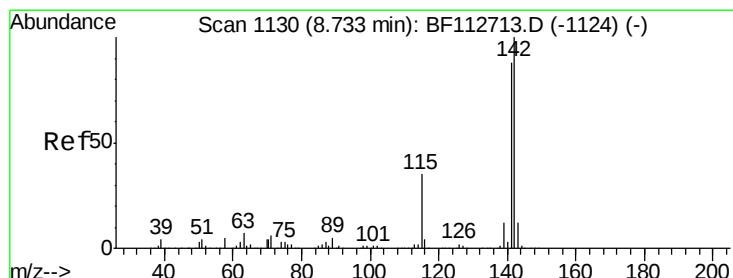
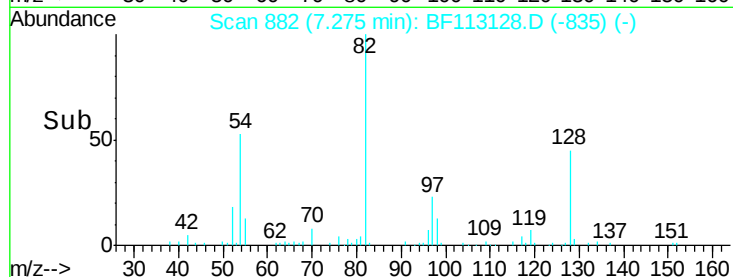
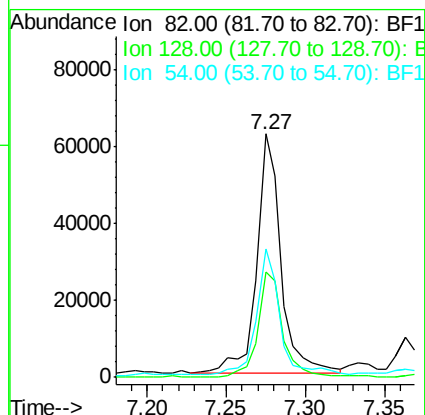
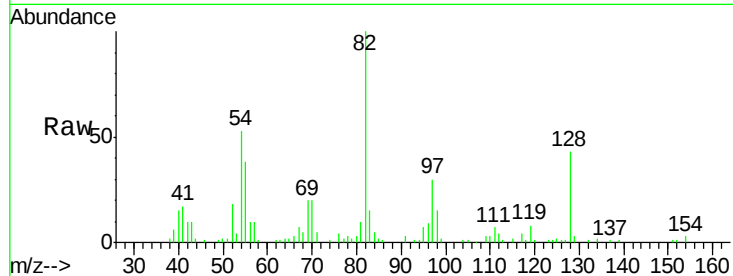




#23
Nitrobenzene-d5
Concen: 5.564 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF113128.D
Acq: 19 Mar 2019 16:28

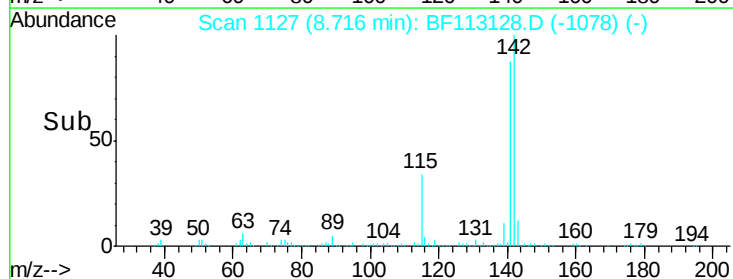
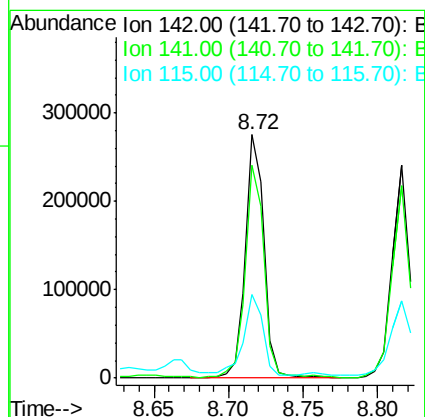
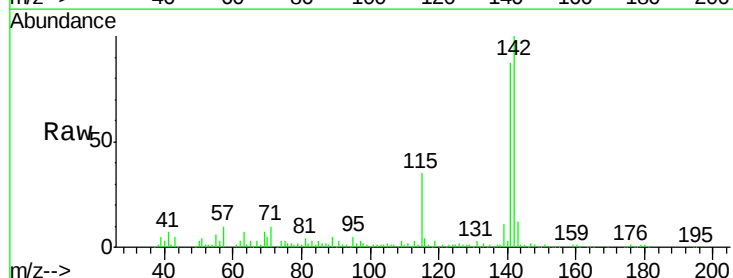
Instrument :
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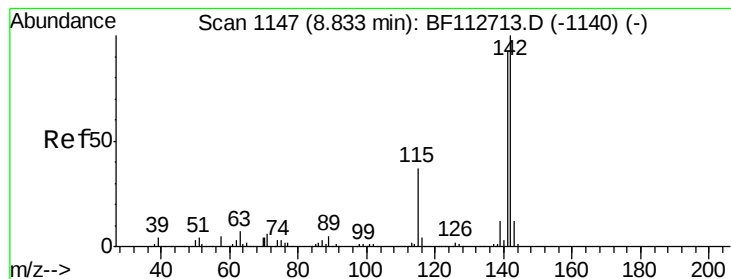
Tgt Ion: 82 Resp: 65898
Ion Ratio Lower Upper
82 100
128 43.5 36.3 54.5
54 52.6 43.7 65.5



#37
2-Methylnaphthalene
Concen: 10.428 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF113128.D
Acq: 19 Mar 2019 16:28

Tgt Ion: 142 Resp: 236938
Ion Ratio Lower Upper
142 100
141 87.5 70.3 105.5
115 34.5 27.8 41.6





#38

1-Methylnaphthalene

Concen: 8.944 ng

RT: 8.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF113128.D

Acq: 19 Mar 2019 16:28

Instrument :

BNA_F

ClientSampleId :

P-9-W.WALL-N.CENTER

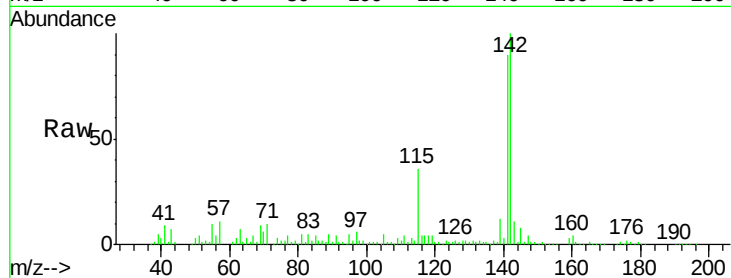
Tgt Ion:142 Resp: 196860

Ion Ratio Lower Upper

142 100

141 90.3 73.7 110.5

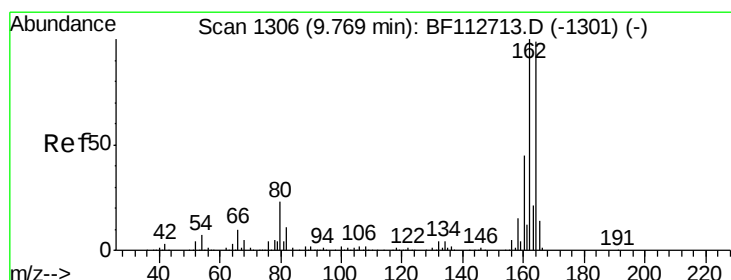
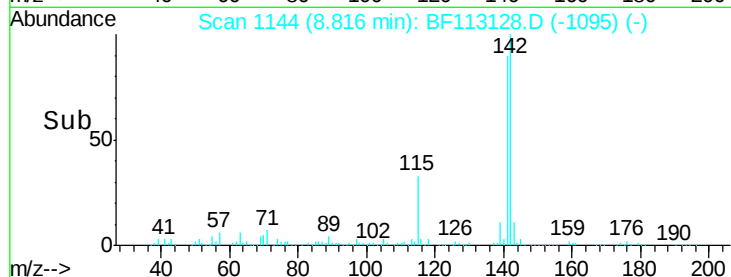
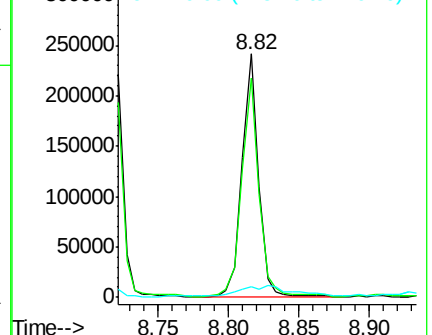
116 4.3 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113128.D

Acq: 19 Mar 2019 16:28

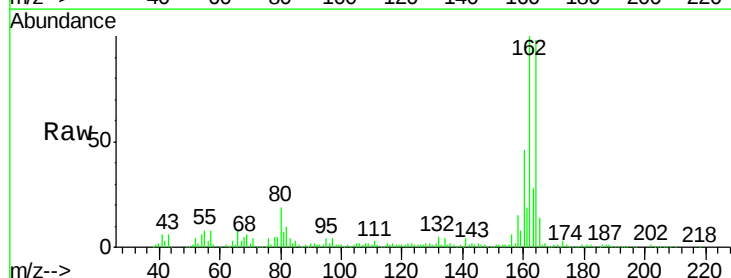
Tgt Ion:164 Resp: 337117

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

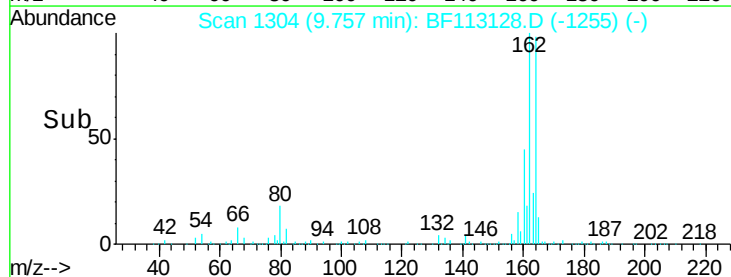
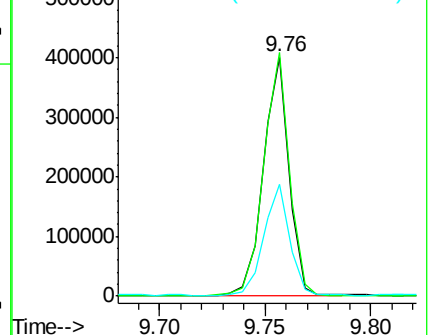
160 46.6 36.0 54.0

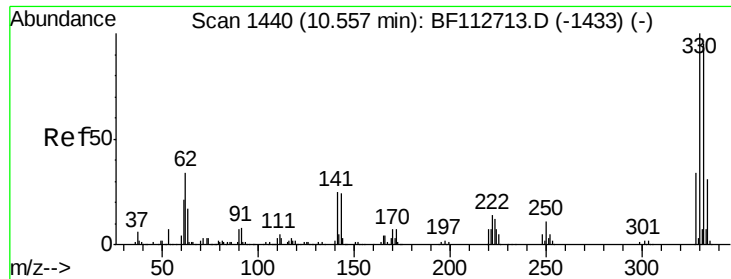


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

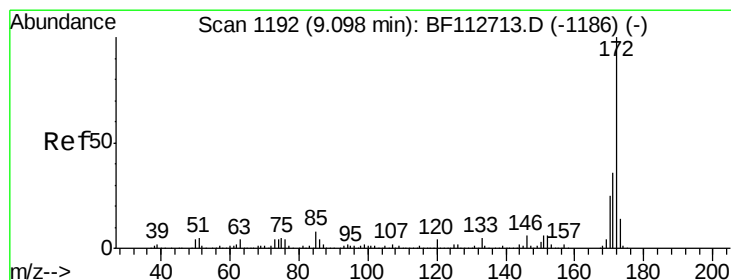
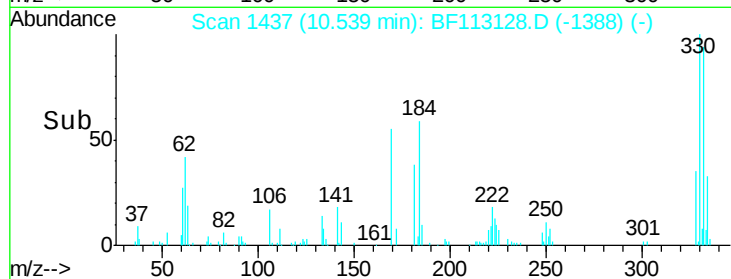
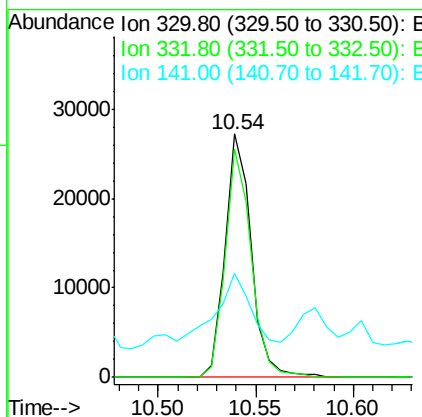
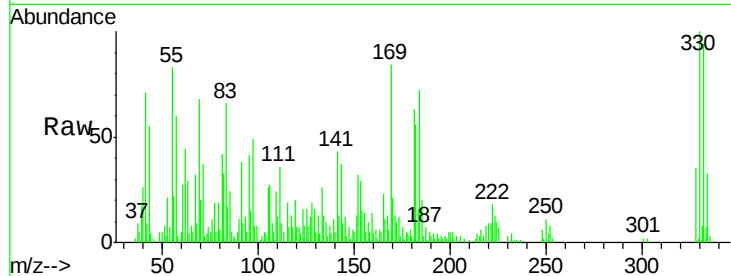




#42
 2,4,6-Tribromophenol
 Concen: 7.081 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF113128.D
 Acq: 19 Mar 2019 16:28

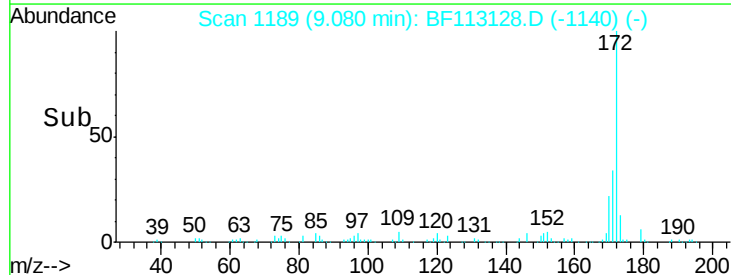
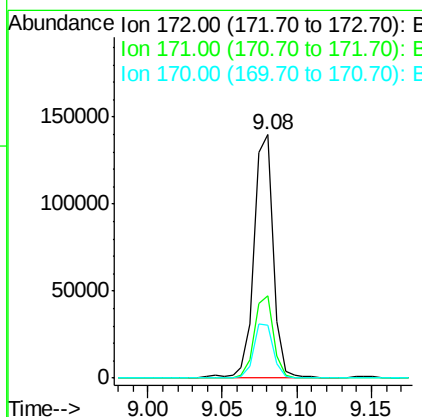
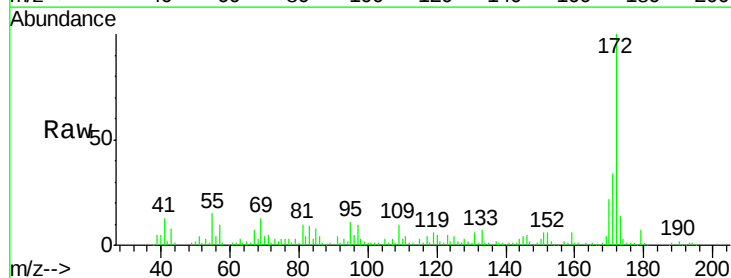
Instrument :
 BNA_F
 ClientSampleId :
 P-9-W.WALL-N.CENTER

Tgt Ion: 330 Resp: 25344
 Ion Ratio Lower Upper
 330 100
 332 93.4 76.2 114.4
 141 49.3 27.0 40.6#



#45
 2-Fluorobiphenyl
 Concen: 3.515 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113128.D
 Acq: 19 Mar 2019 16:28

Tgt Ion: 172 Resp: 124685
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.0 43.4
 170 22.0 20.0 30.0

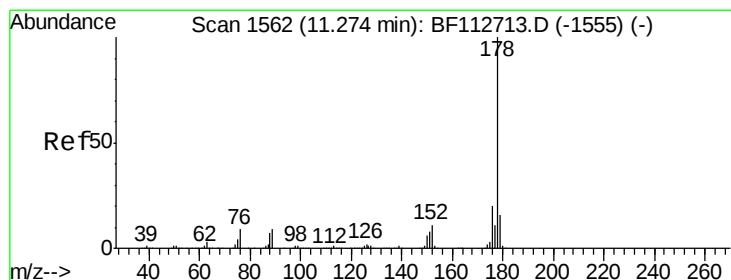
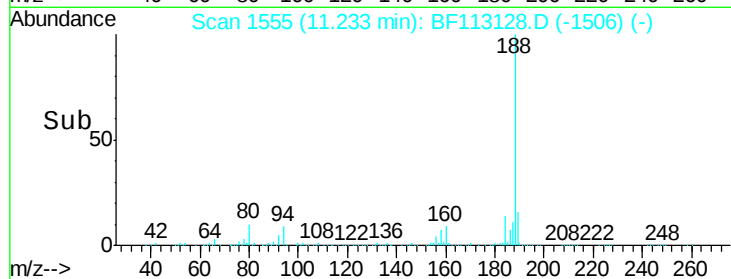
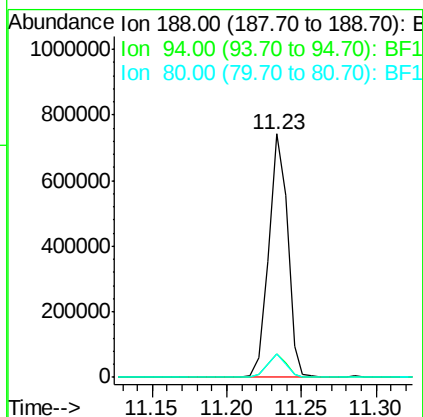
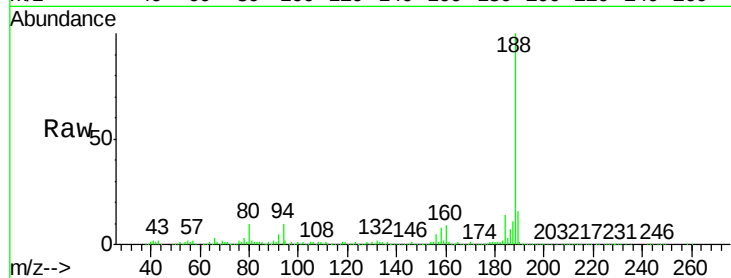




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113128.D
Acq: 19 Mar 2019 16:28

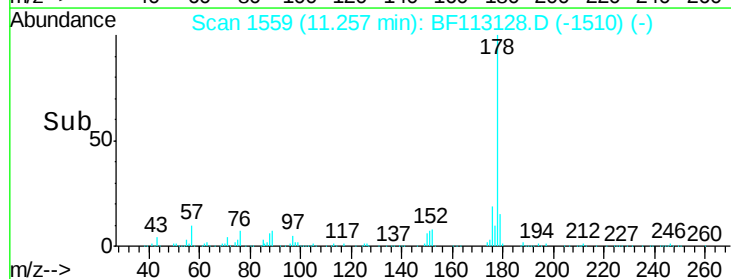
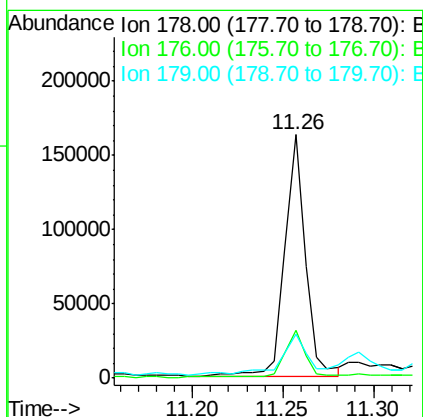
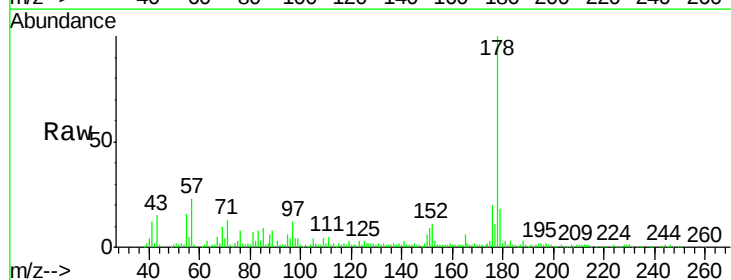
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BNA_F
ClientSampleId :
P-9-W.WALL-N.CENTER

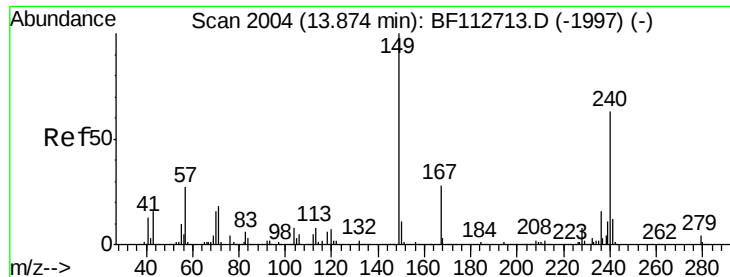
Tgt Ion:188 Resp: 646307
Ion Ratio Lower Upper
188 100
94 9.6 9.0 13.4
80 9.8 9.2 13.8



#71
Phenanthrene
Concen: 4.025 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113128.D
Acq: 19 Mar 2019 16:28

Tgt Ion:178 Resp: 129444
Ion Ratio Lower Upper
178 100
176 19.6 16.3 24.5
179 18.0 12.7 19.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113128.D

Acq: 19 Mar 2019 16:28

Instrument :

BNA_F

ClientSampleId :

P-9-W.WALL-N.CENTER

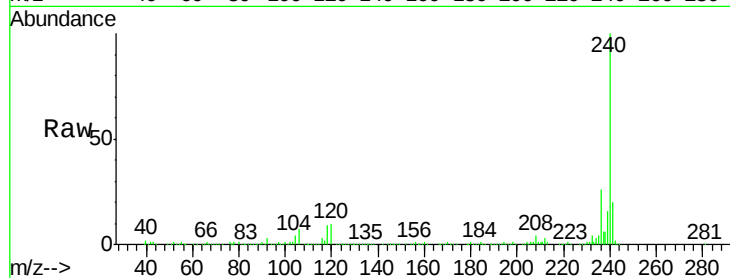
Tgt Ion:240 Resp: 407660

Ion Ratio Lower Upper

240 100

120 9.8 8.9 13.3

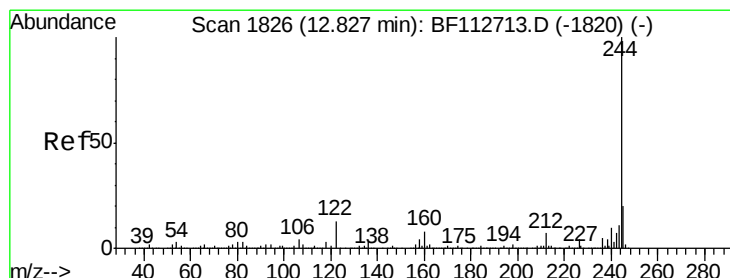
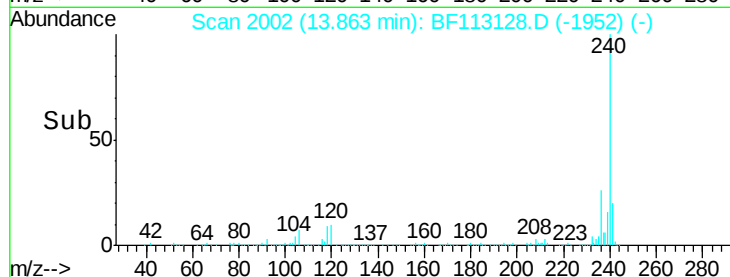
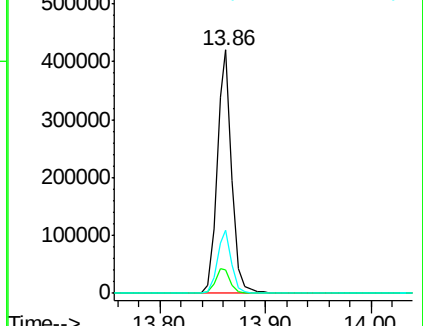
236 26.1 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 5.749 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF113128.D

Acq: 19 Mar 2019 16:28

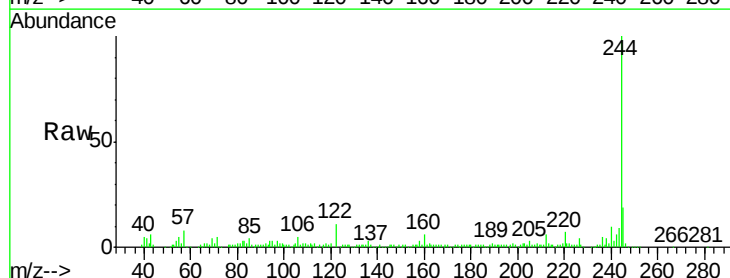
Tgt Ion:244 Resp: 120892

Ion Ratio Lower Upper

244 100

212 6.3 5.6 8.4

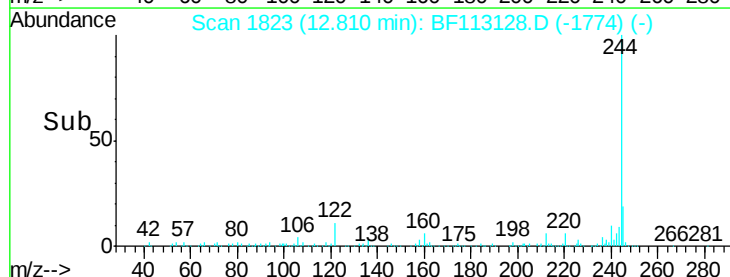
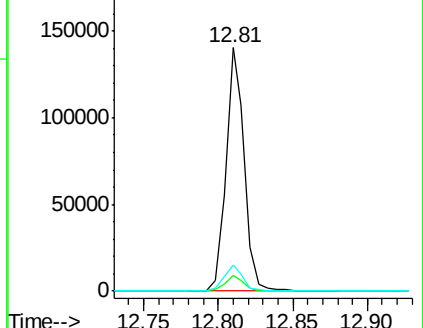
122 10.8 10.5 15.7

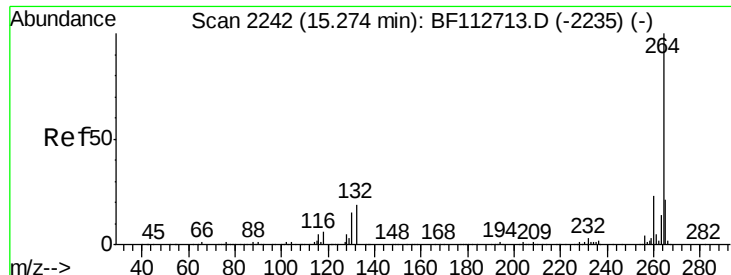


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

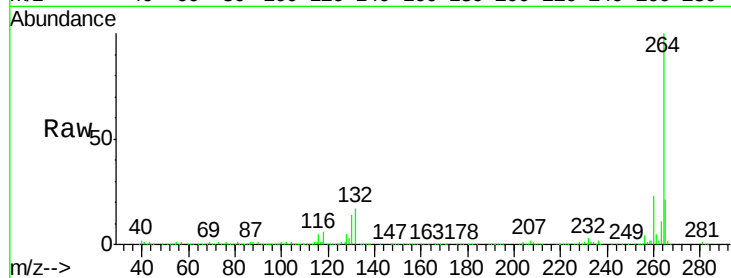




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF113128.D
Acq: 19 Mar 2019 16:28

Instrument :
BNA_F
ClientSampleId :
P-9-W.WALL-N.CENTER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.2	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

