

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113178.D
 Acq On : 20 Mar 2019 18:33
 Operator : JU/SJ
 Sample : K1688-27 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-D

Quant Time: Mar 21 14:57:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

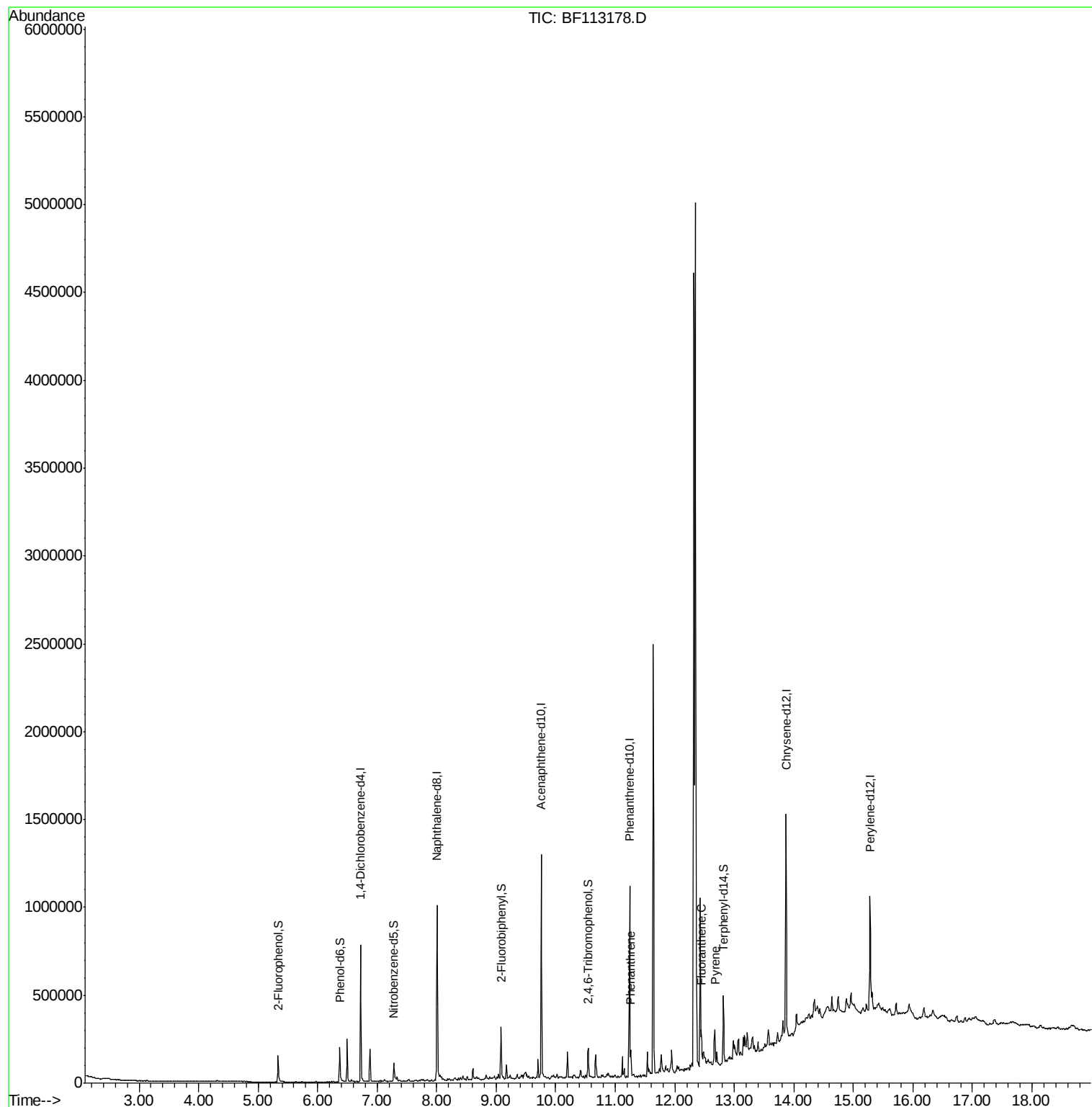
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	115241	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	442072	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	234759	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	449333	20.00	ng	0.00
76) Chrysene-d12	13.87	240	435927	20.00	ng	0.00
87) Perylene-d12	15.28	264	299406	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	54864	7.41	ng	0.00
7) Phenol-d6	6.37	99	79276	8.52	ng	0.00
23) Nitrobenzene-d5	7.28	82	42757	5.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	23591	9.47	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	109528	4.85	ng	0.00
79) Terphenyl-d14	12.82	244	123057	5.47	ng	0.00
Target Compounds						
71) Phenanthrene	11.26	178	49022	2.193	ng	97
75) Fluoranthene	12.45	202	80972	3.381	ng	98
78) Pyrene	12.67	202	76745	2.088	ng	97

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

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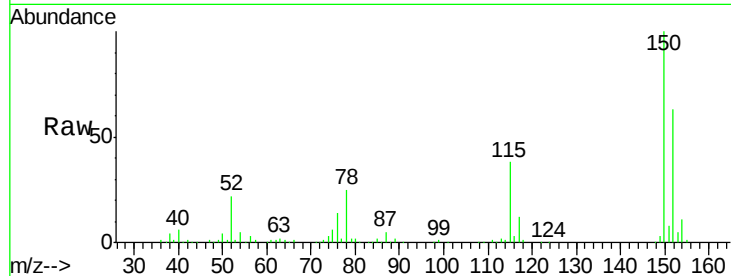


#1

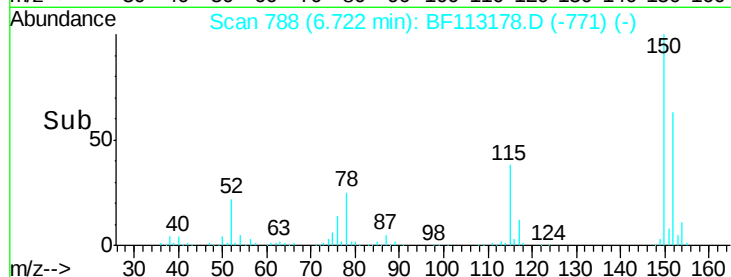
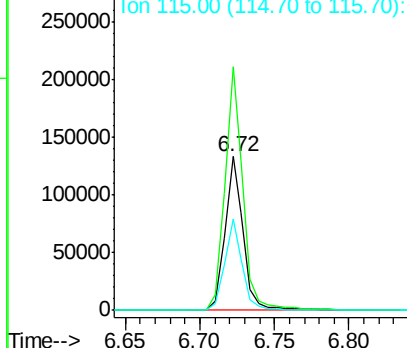
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF113178.D
Acq: 20 Mar 2019 18:33

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-D

Tgt Ion:152 Resp: 115241
Ion Ratio Lower Upper
152 100
150 158.1 123.0 184.6
115 59.7 45.9 68.9



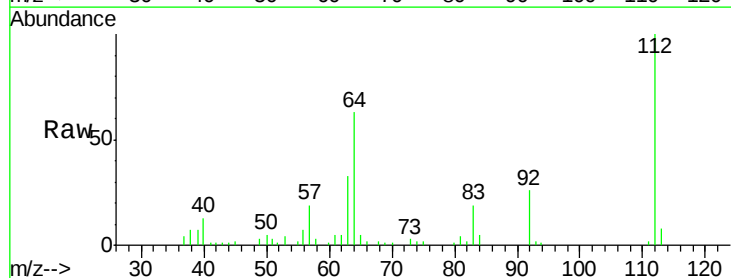
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



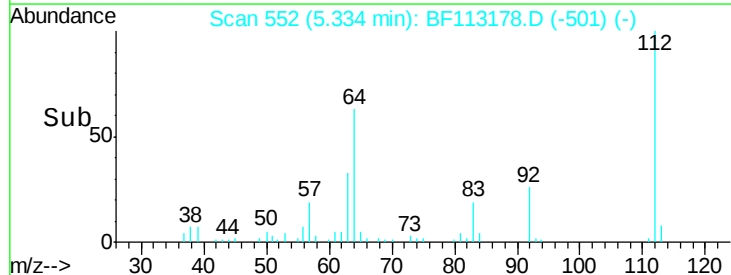
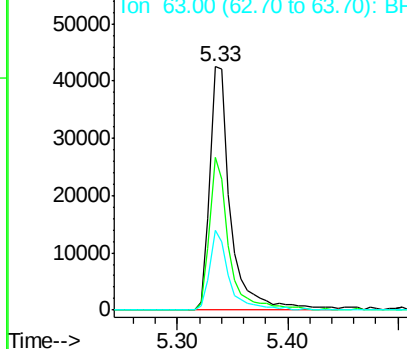
#5

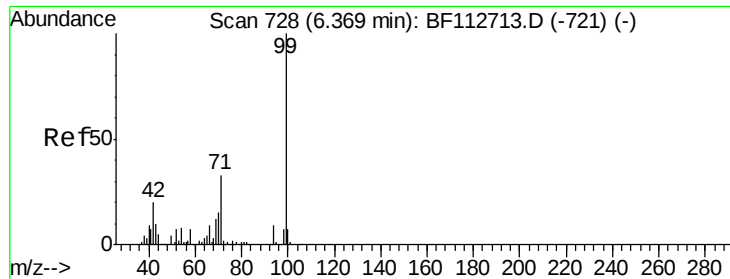
2-Fluorophenol
Concen: 7.406 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF113178.D
Acq: 20 Mar 2019 18:33

Tgt Ion:112 Resp: 54864
Ion Ratio Lower Upper
112 100
64 62.8 49.3 73.9
63 32.8 25.4 38.2



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: 8.519 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113178.D

Acq: 20 Mar 2019 18:33

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-D

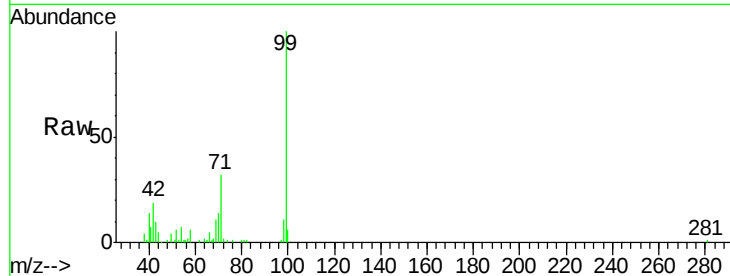
Tgt Ion: 99 Resp: 79276

Ion Ratio Lower Upper

99 100

42 18.7 15.2 22.8

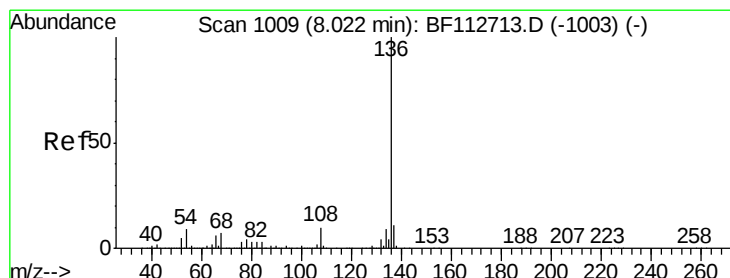
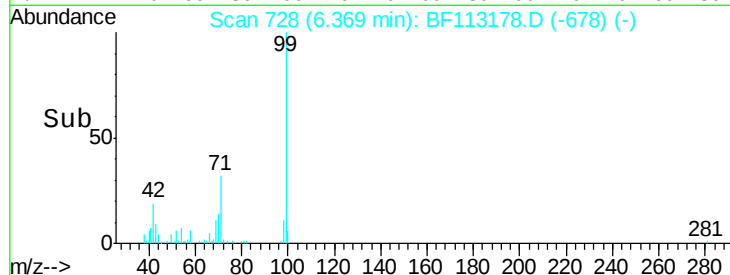
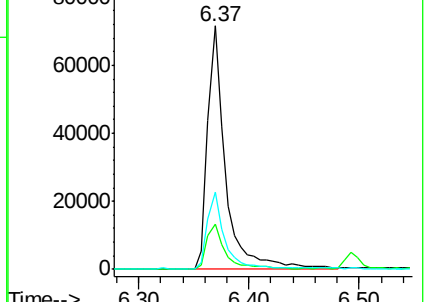
71 31.9 25.7 38.5



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. 0.00 min

Lab File: BF113178.D

Acq: 20 Mar 2019 18:33

Tgt Ion: 136 Resp: 442072

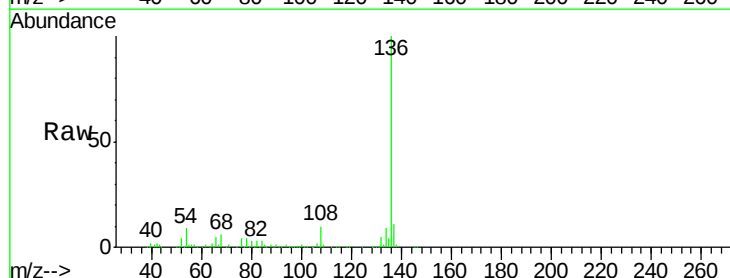
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 7.0 10.6

68 6.2 5.0 7.4

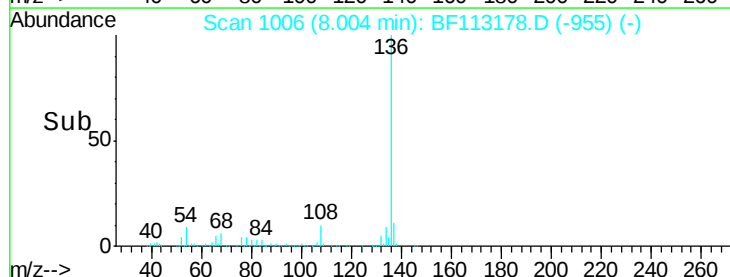
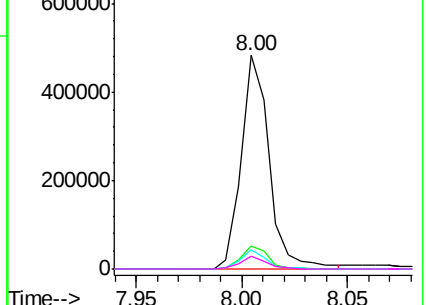


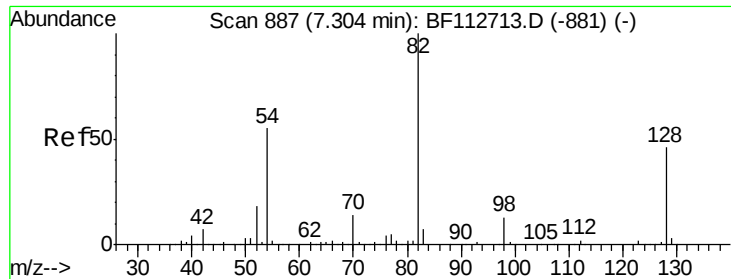
Abundance Ion 136.00 (135.70 to 136.70): E

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

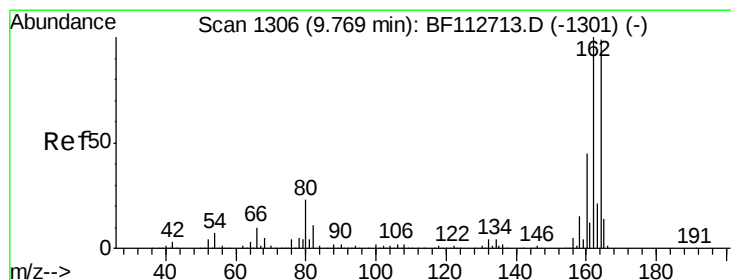
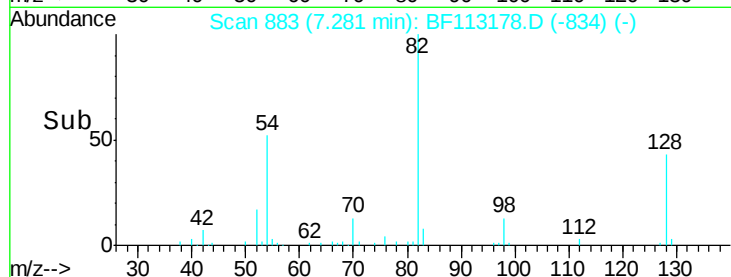
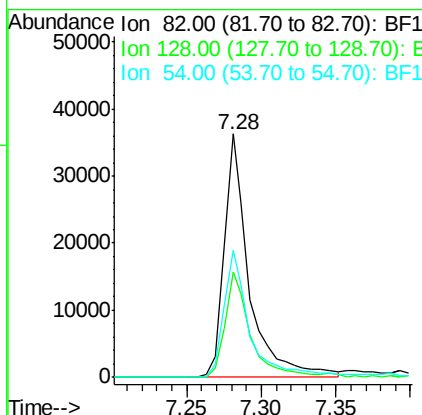
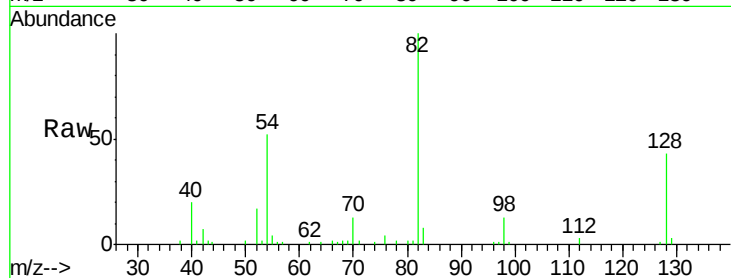




#23
 Nitrobenzene-d5
 Concen: 5.787 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113178.D
 Acq: 20 Mar 2019 18:33

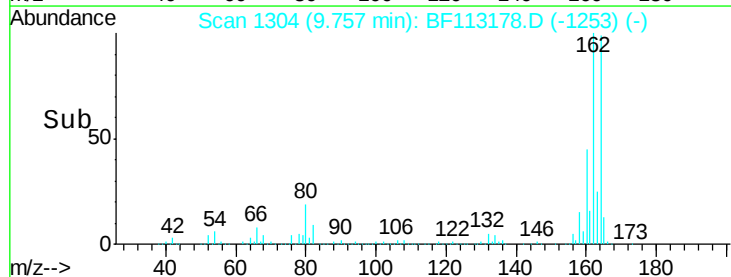
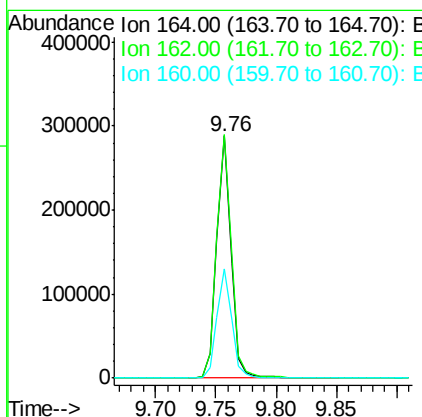
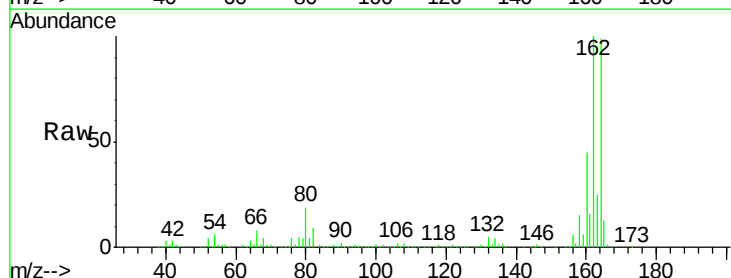
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-D

Tgt Ion: 82 Resp: 42757
 Ion Ratio Lower Upper
 82 100
 128 43.4 37.9 56.9
 54 52.0 41.2 61.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF113178.D
 Acq: 20 Mar 2019 18:33

Tgt Ion: 164 Resp: 234759
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.8 121.2
 160 45.4 36.2 54.2

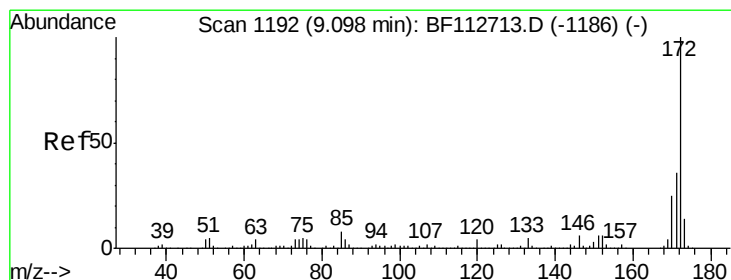
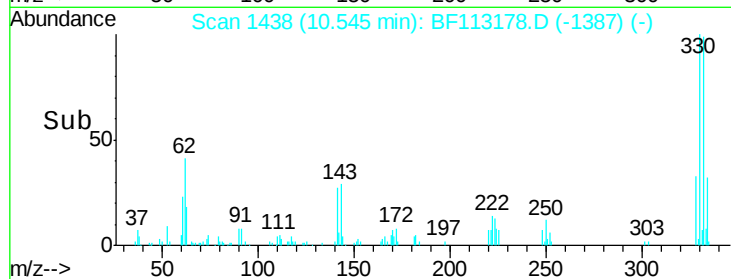
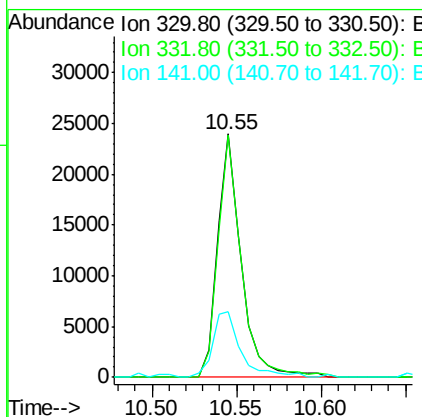
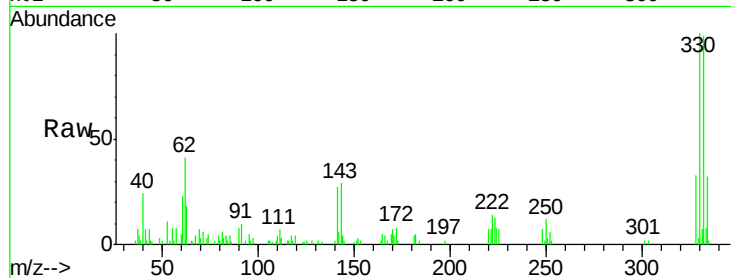




#42
 2,4,6-Tribromophenol
 Concen: 9.466 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF113178.D
 Acq: 20 Mar 2019 18:33

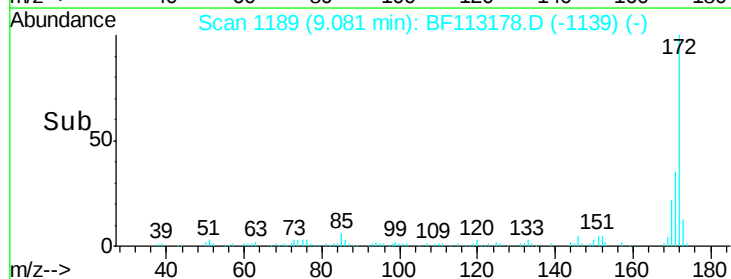
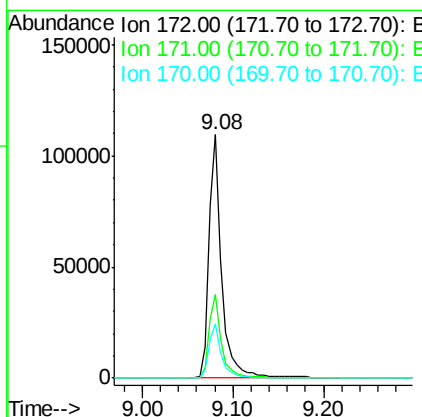
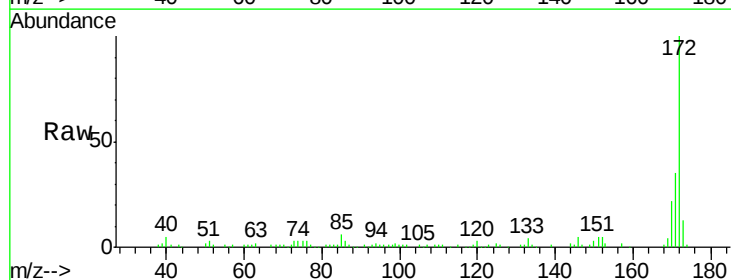
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-D

Tgt Ion:330 Resp: 23591
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.3 114.5
 141 32.0 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 4.853 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113178.D
 Acq: 20 Mar 2019 18:33

Tgt Ion:172 Resp: 109528
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.0 43.4
 170 22.2 20.1 30.1

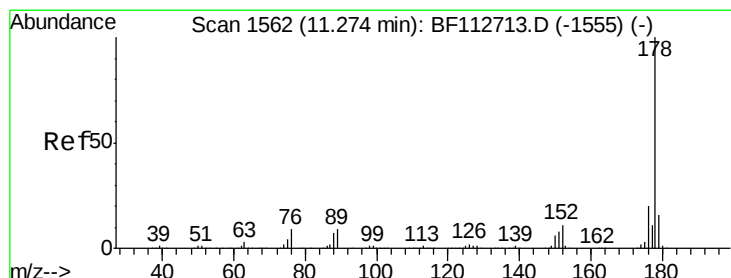
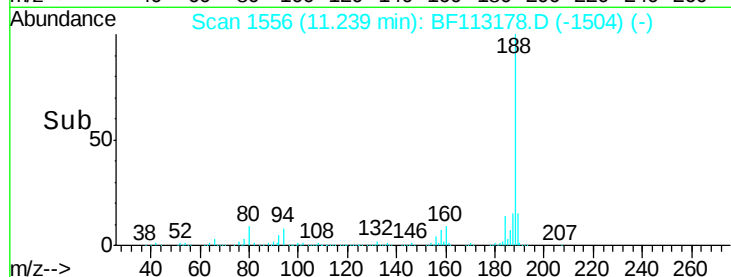
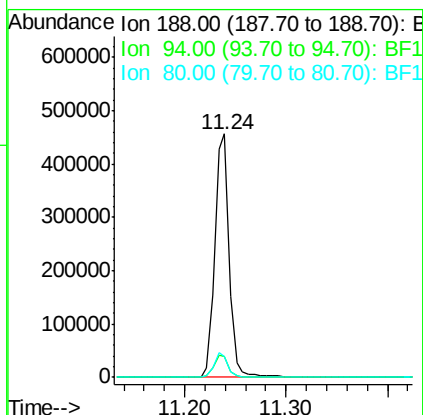
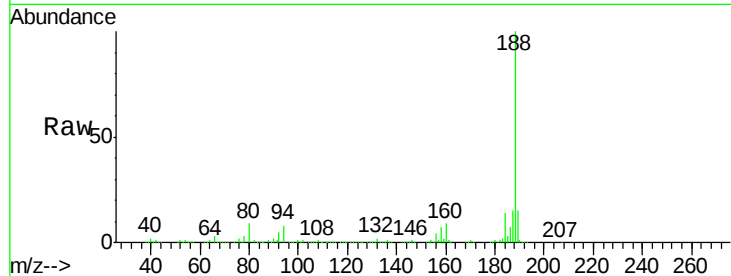




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF113178.D
Acq: 20 Mar 2019 18:33

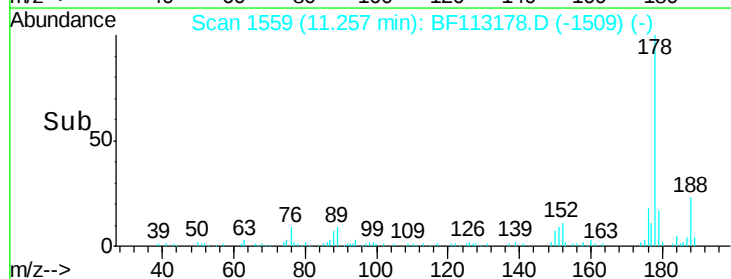
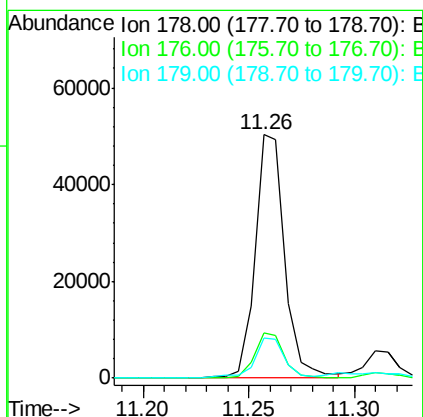
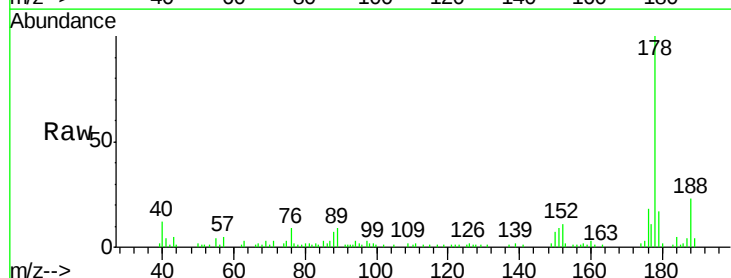
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JC-02-031919-D

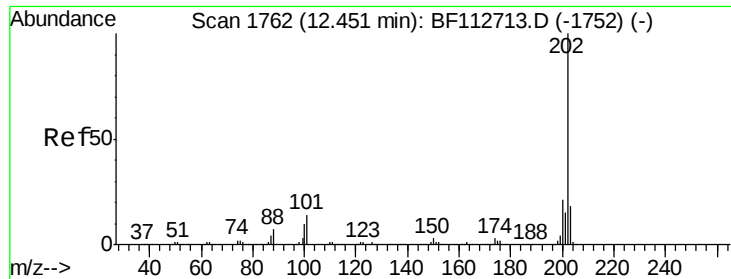
Tgt Ion:188 Resp: 449333
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.8 7.9 11.9



#71
Phenanthrene
Concen: 2.193 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113178.D
Acq: 20 Mar 2019 18:33

Tgt Ion:178 Resp: 49022
Ion Ratio Lower Upper
178 100
176 18.4 16.2 24.4
179 16.5 13.0 19.4





#75

Fluoranthene

Concen: 3.381 ng

RT: 12.45 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BF113178.D

Acq: 20 Mar 2019 18:33

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-D

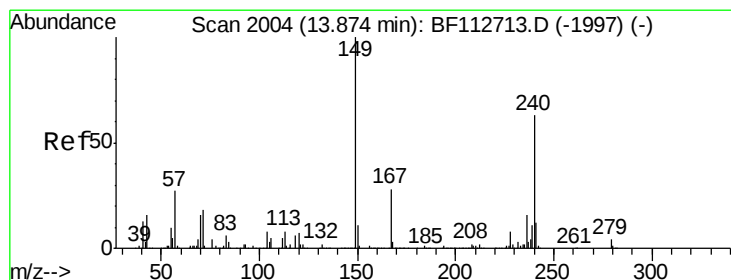
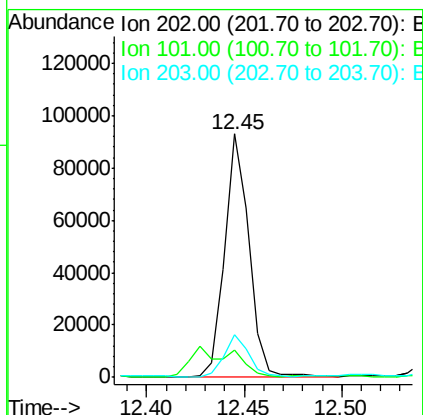
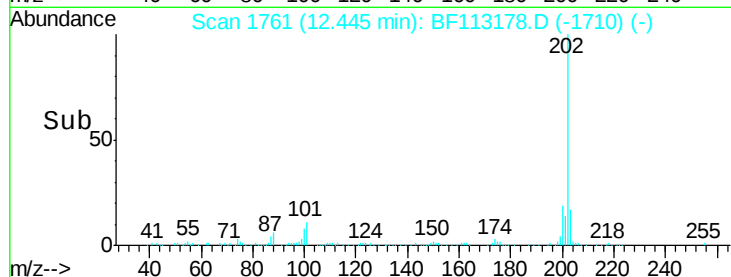
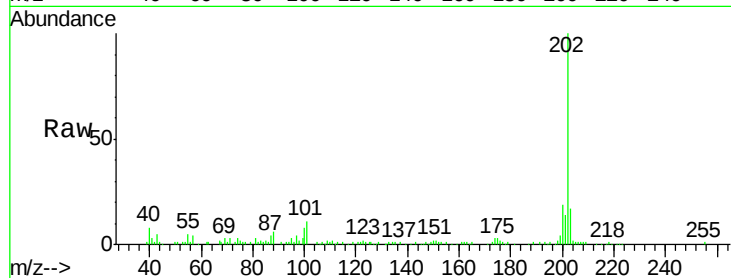
Tgt Ion:202 Resp: 80972

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.9

203 17.5 0.0 38.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113178.D

Acq: 20 Mar 2019 18:33

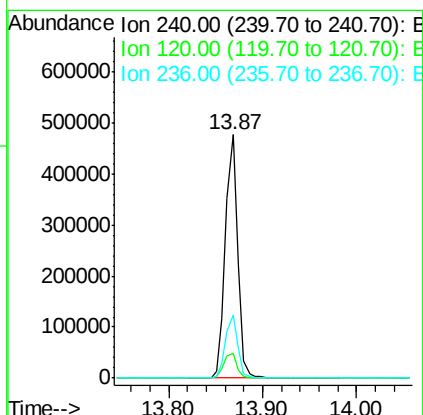
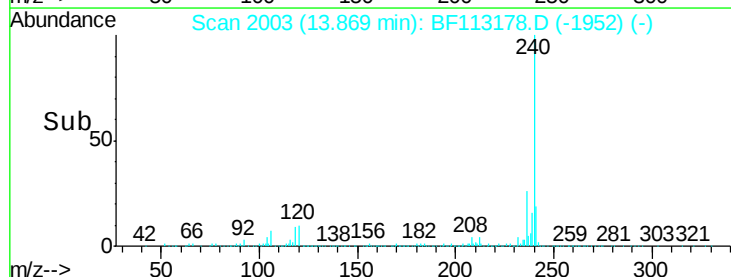
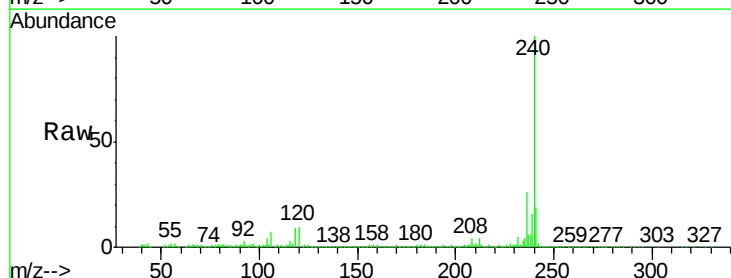
Tgt Ion:240 Resp: 435927

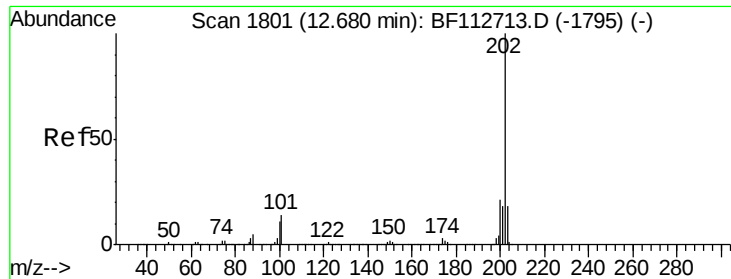
Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 26.2 21.2 31.8

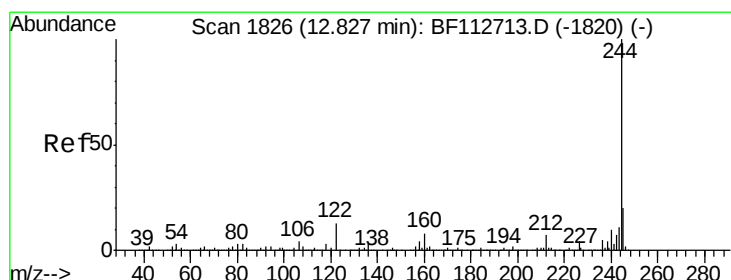
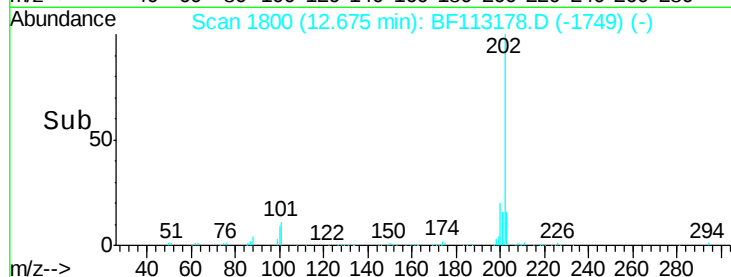
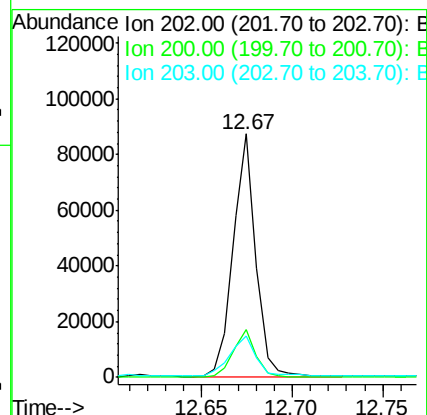
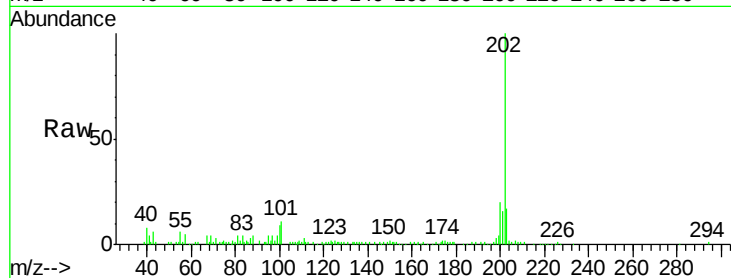




#78
 Pyrene
 Concen: 2.088 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BF113178.D
 Acq: 20 Mar 2019 18:33

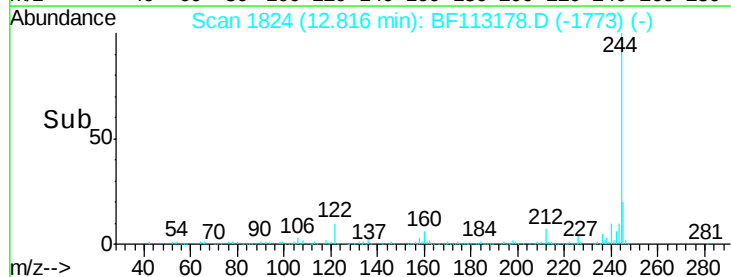
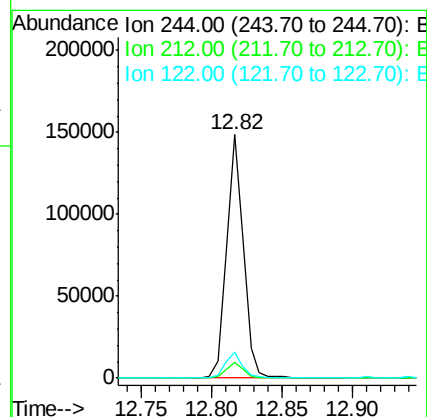
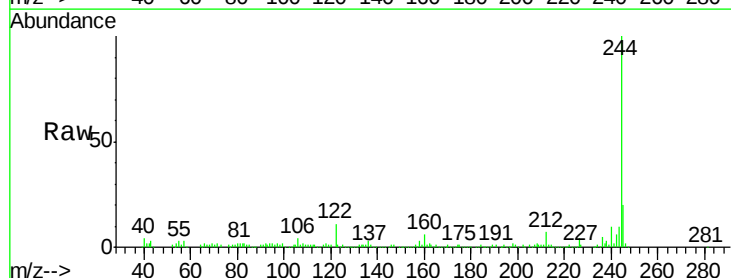
Instrument :
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 JC-02-031919-D

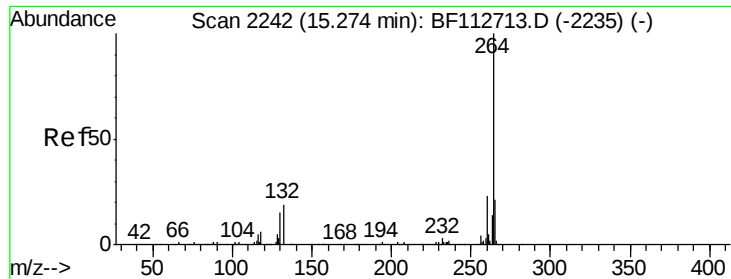
Tgt Ion: 202 Resp: 76745
 Ion Ratio Lower Upper
 202 100
 200 19.6 17.1 25.7
 203 17.2 14.6 21.8



#79
 Terphenyl-d14
 Concen: 5.472 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.00 min
 Lab File: BF113178.D
 Acq: 20 Mar 2019 18:33

Tgt Ion: 244 Resp: 123057
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 10.7 9.4 14.2

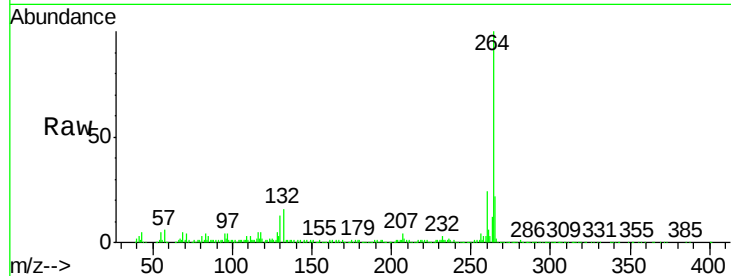




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113178.D
Acq: 20 Mar 2019 18:33

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-D

Tgt Ion: 264 Resp: 299406
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.9 17.7 26.5



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

