

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111958.D
 Acq On : 9 Jan 2019 19:15
 Operator : JU/SJ
 Sample : K1074-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-5

Quant Time: Jan 10 03:03:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

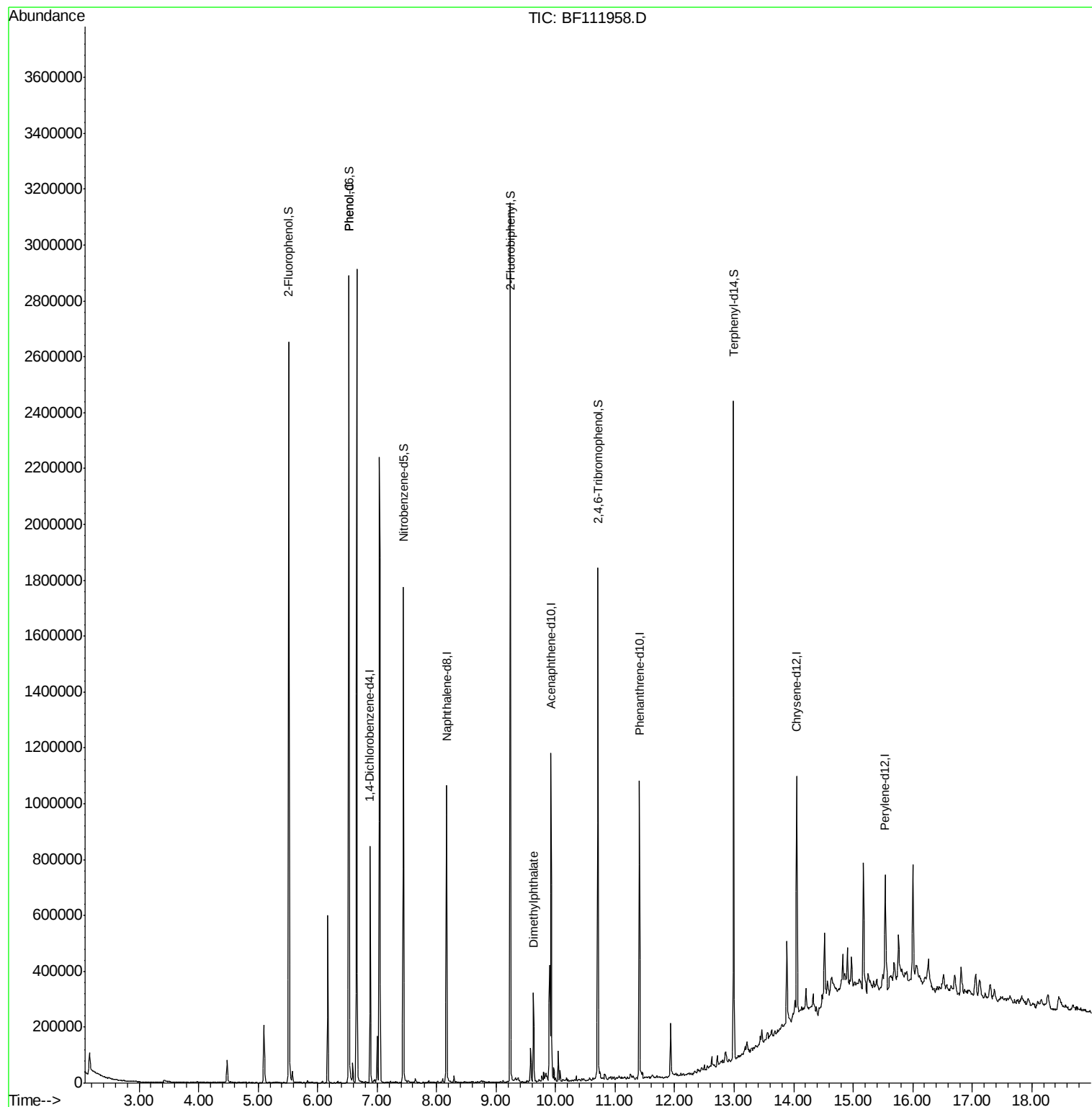
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	129243	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	475804	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	216148	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	369577	20.00	ng	0.00
76) Chrysene-d12	14.05	240	264902	20.00	ng	0.00
87) Perylene-d12	15.54	264	187015	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	702999	93.06	ng	0.00
7) Phenol-d6	6.53	99	899473	92.38	ng	0.00
23) Nitrobenzene-d5	7.45	82	564328	63.39	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	221666	78.84	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	897692	60.56	ng	-0.01
79) Terphenyl-d14	12.99	244	757573	54.29	ng	0.00
Target Compounds						
10) Phenol	6.53	94	44890	4.242	ng	97
50) Dimethylphthalate	9.63	163	114159	7.031	ng	97

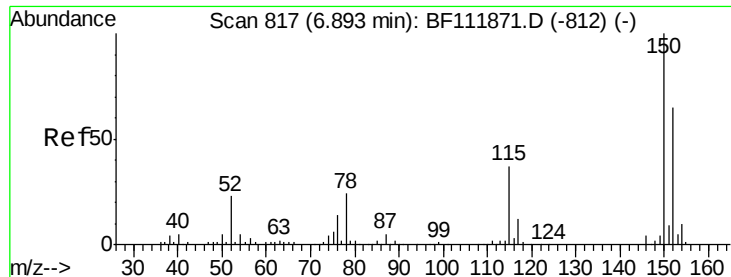
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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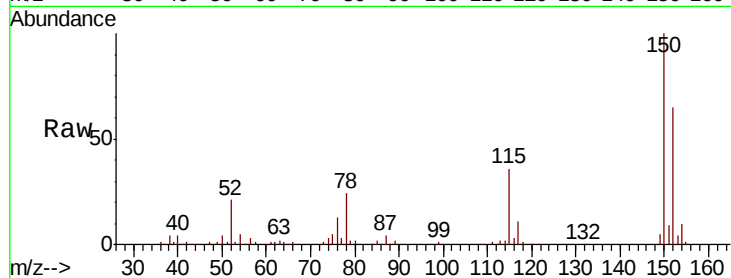


#1

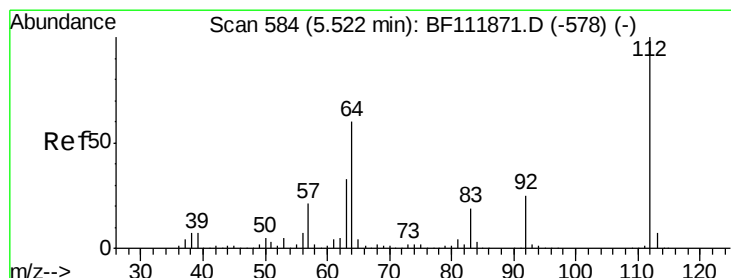
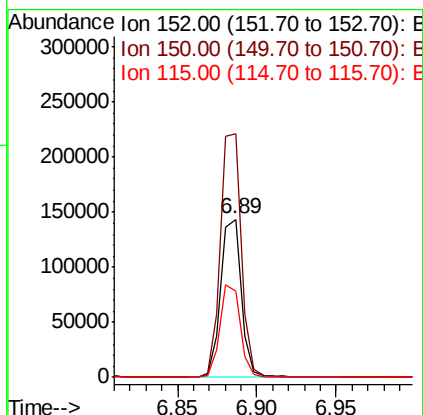
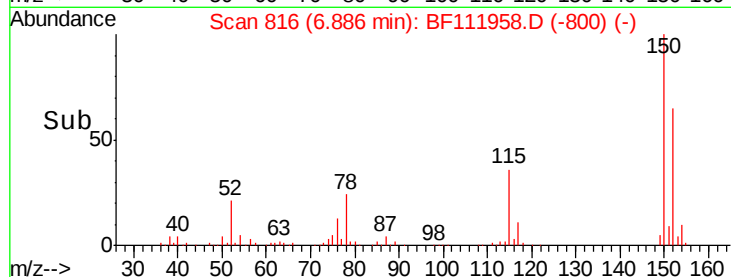
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :
W12-5

Tot Ion:152 Resp: 129243
Ion Ratio Lower Upper
152 100
150 154.2 122.7 184.1
115 54.8 45.2 67.8



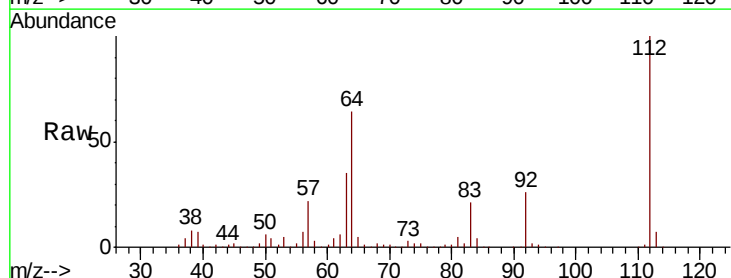
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



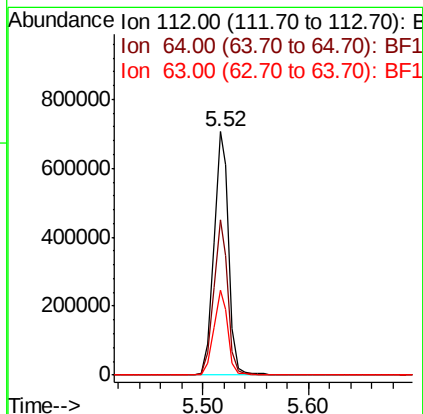
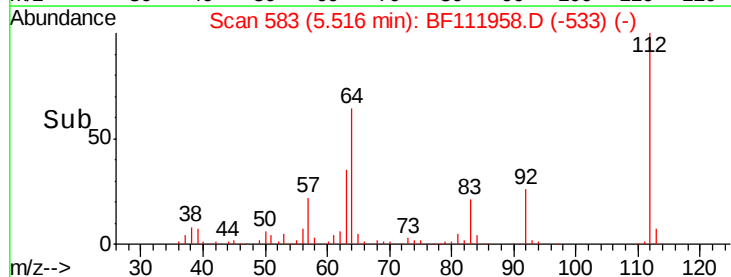
#5

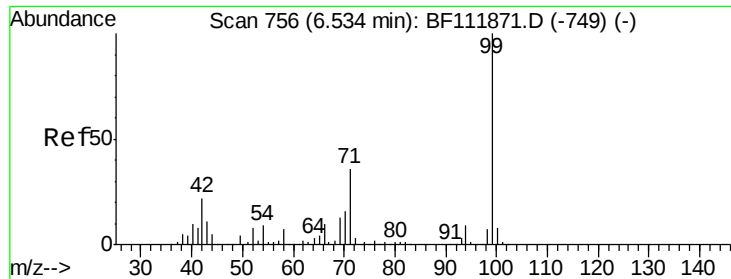
2-Fluorophenol
Concen: 93.057 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:112 Resp: 702999
Ion Ratio Lower Upper
112 100
64 64.0 48.3 72.5
63 35.0 26.1 39.1



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: 92.379 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

W12-5

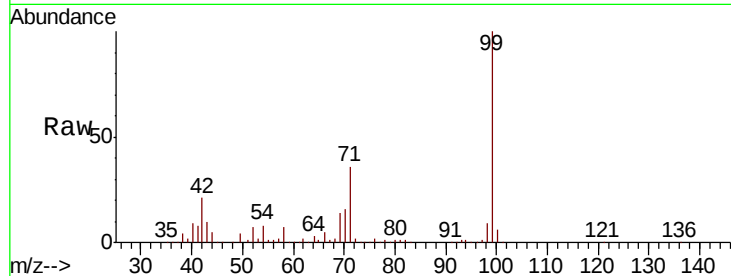
Tot Ion: 99 Resp: 899473

Ion Ratio Lower Upper

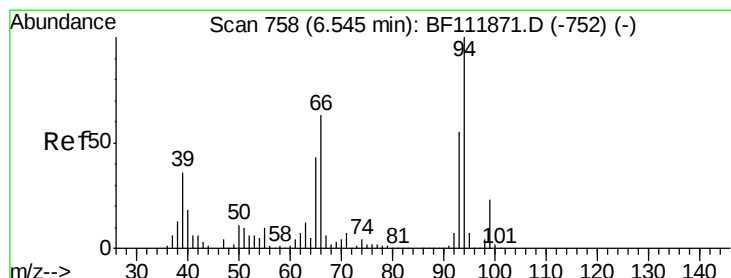
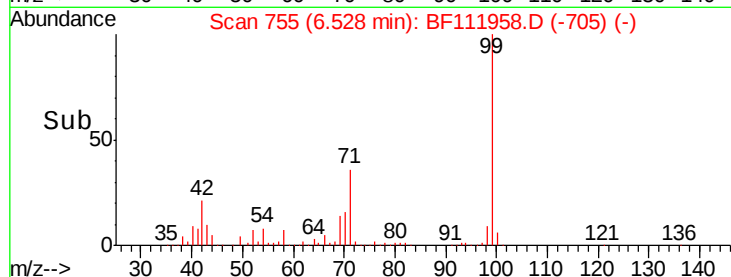
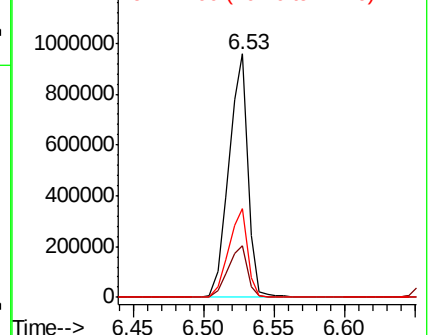
99 100

42 21.4 17.9 26.9

71 36.3 28.7 43.1



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



#10

Phenol

Concen: 4.242 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

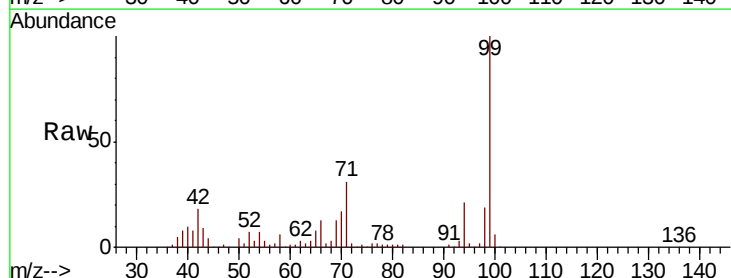
Tgt Ion: 94 Resp: 44890

Ion Ratio Lower Upper

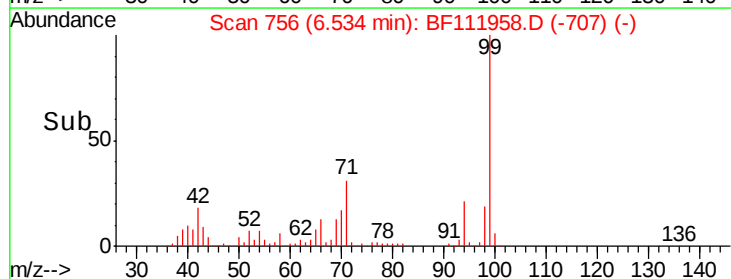
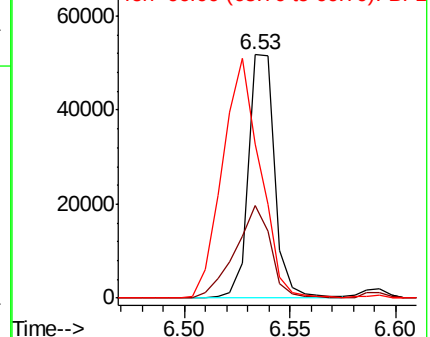
94 100

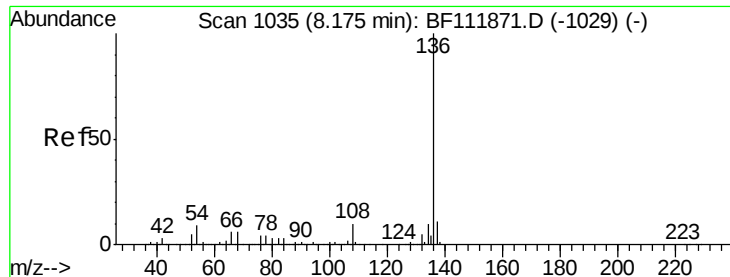
65 38.3 22.8 62.8

66 63.5 43.3 83.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

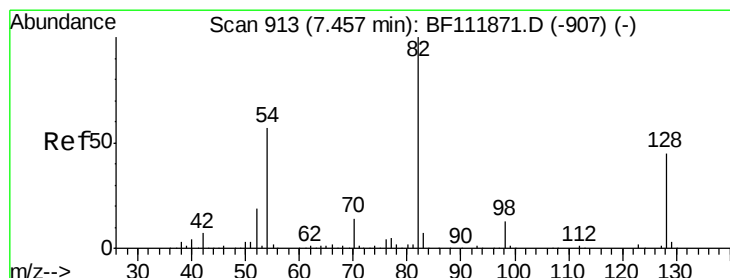
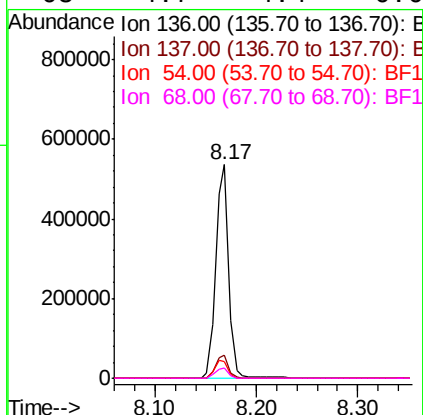
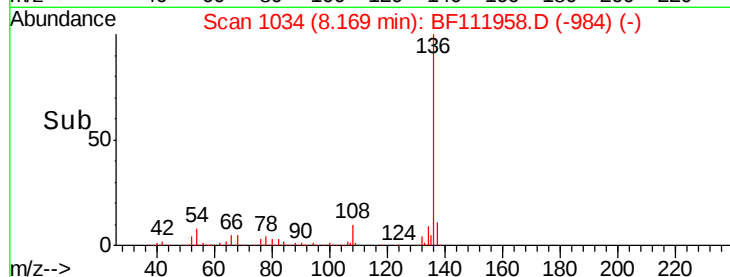
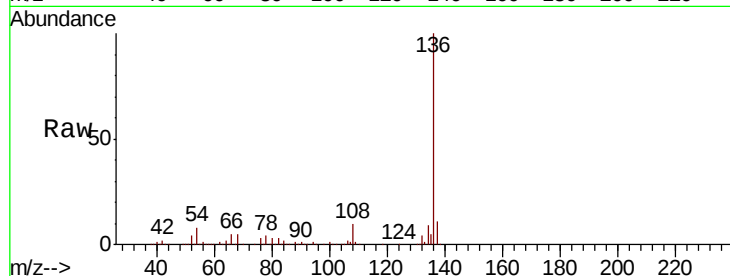




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

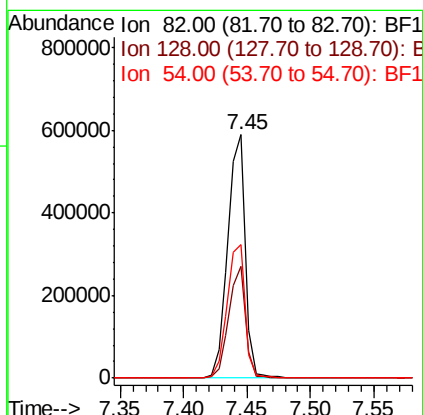
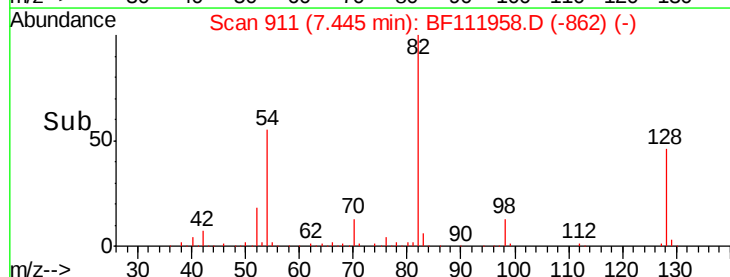
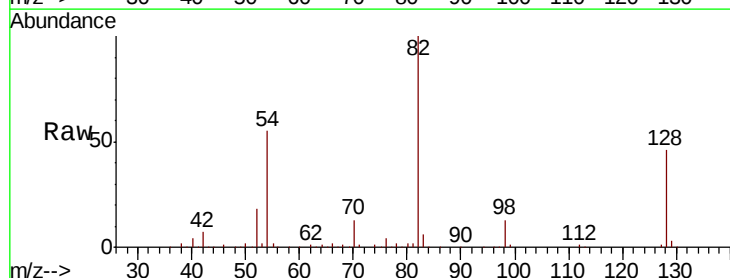
Instrument :
BNA_F
ClientSampleId :
W12-5

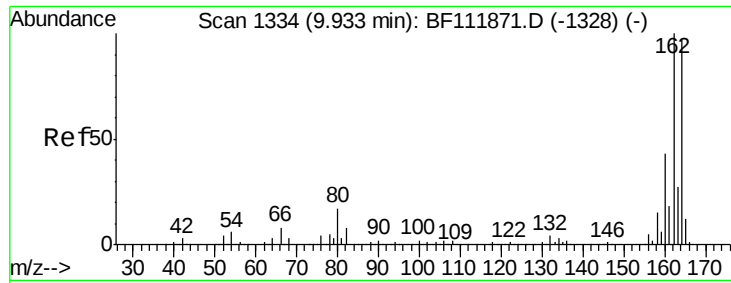
Tot Ion:136	Resp:	475804
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.1 13.7
54	7.7	7.2 10.8
68	4.7	4.4 6.6



#23
Nitrobenzene-d5
Concen: 63.389 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion: 82	Resp:	564328
Ion	Ratio	Lower Upper
82	100	
128	46.2	35.7 53.5
54	54.6	45.8 68.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

Instrument :

BNA_F

ClientSampleId :

W12-5

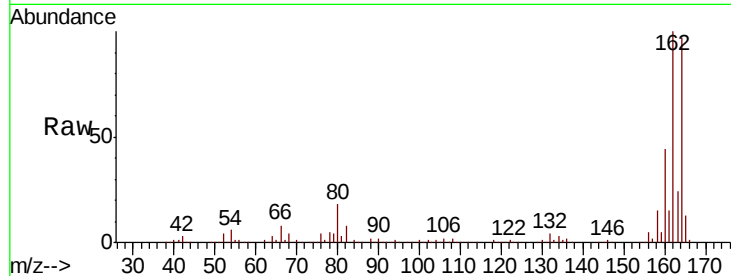
Tot Ion:164 Resp: 216148

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

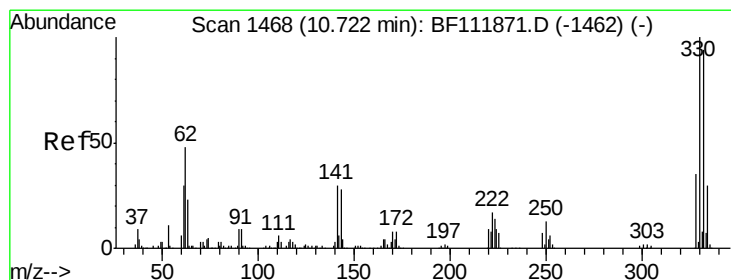
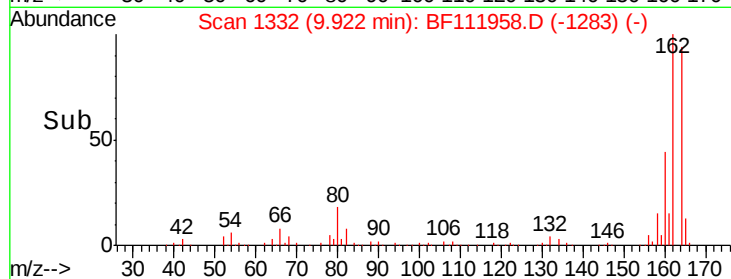
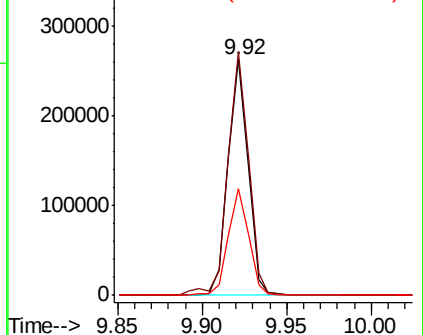
160 45.0 35.5 53.3



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: 78.845 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111958.D

Acq: 9 Jan 2019 19:15

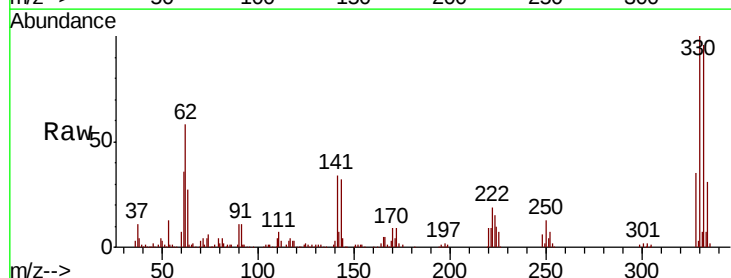
Tgt Ion:330 Resp: 221666

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

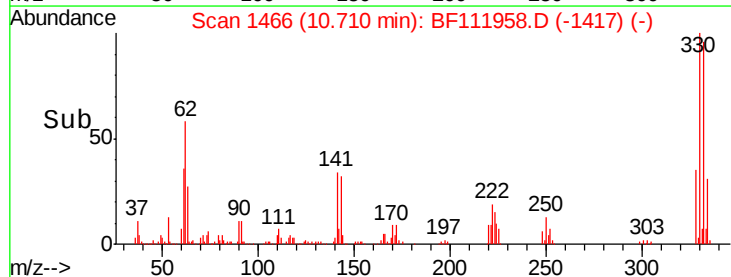
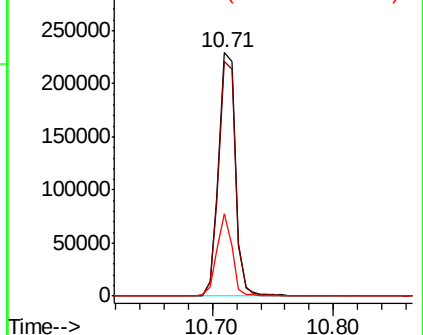
141 30.2 23.7 35.5

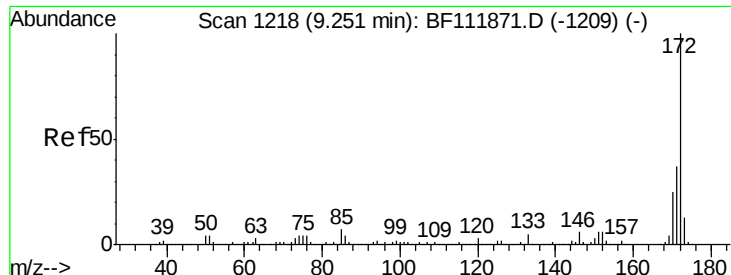


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

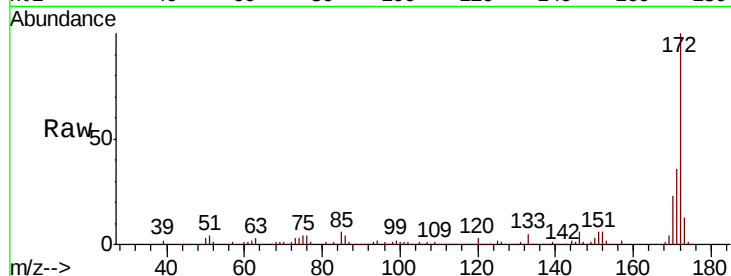




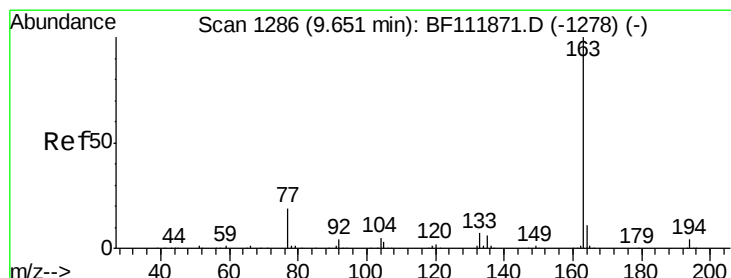
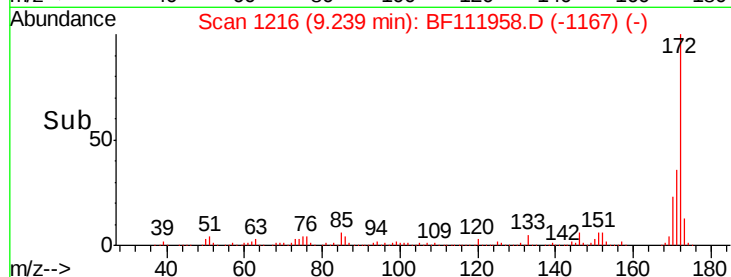
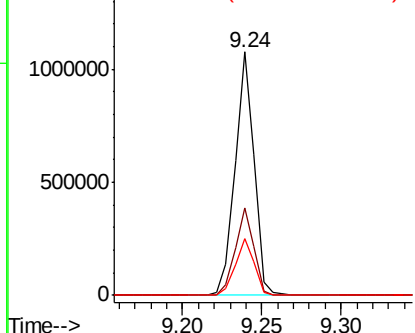
#45
2-Fluorobiphenyl
Concen: 60.561 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :
W12-5

Tot Ion:172 Resp: 897692
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.4 19.8 29.8

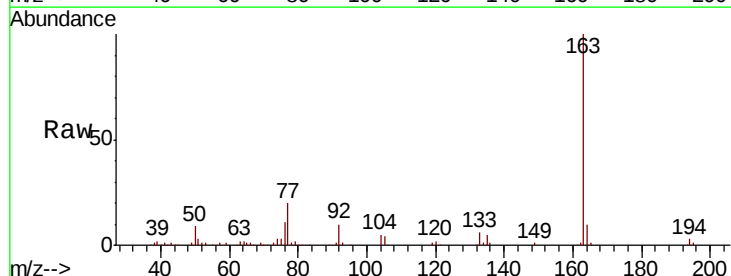


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

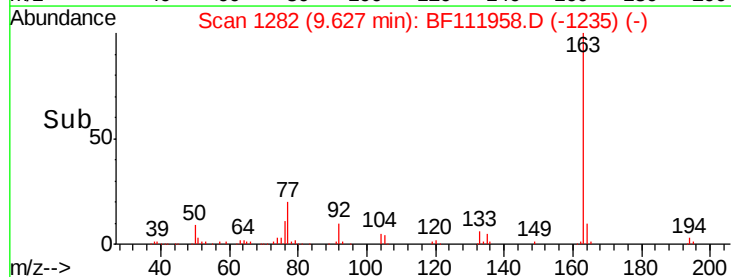
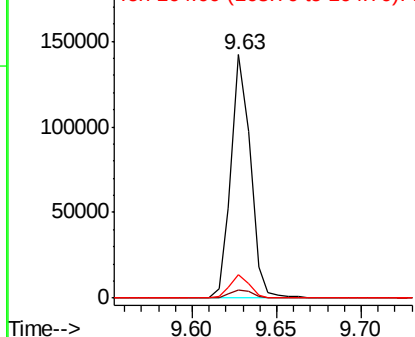


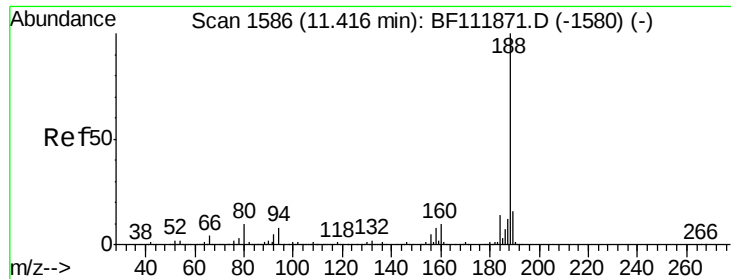
#50
Dimethylphthalate
Concen: 7.031 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:163 Resp: 114159
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.2
164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

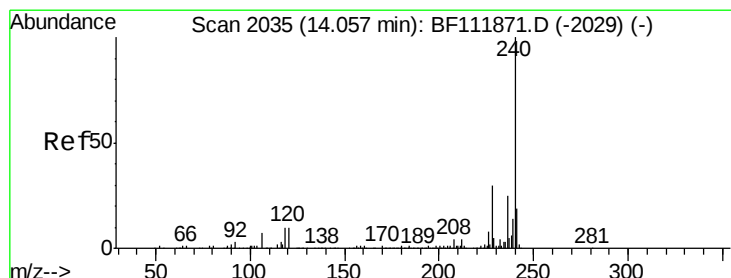
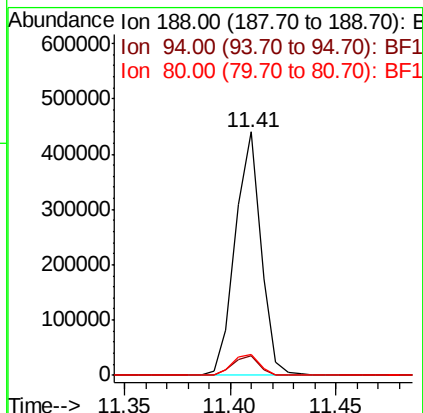
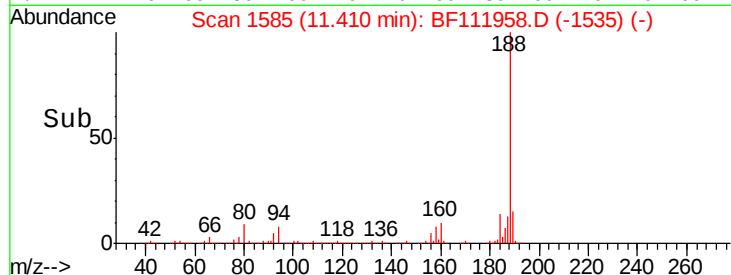
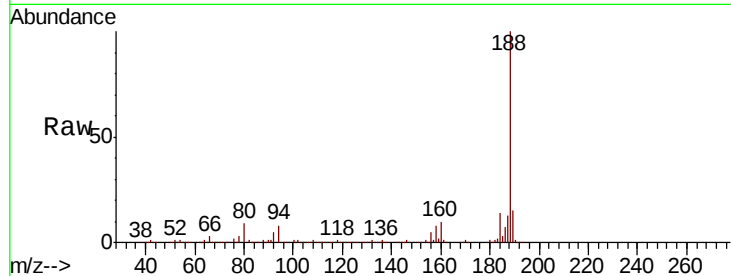




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

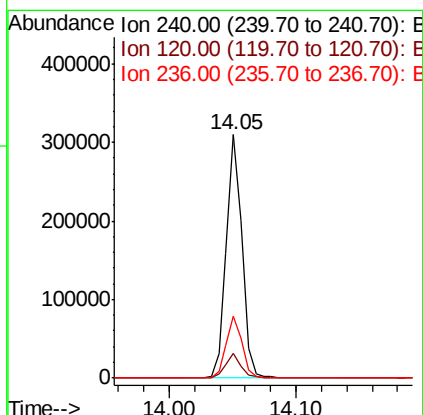
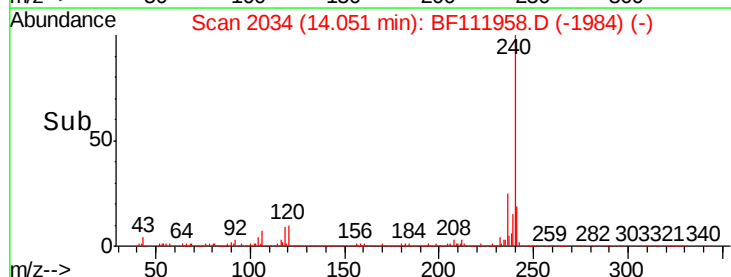
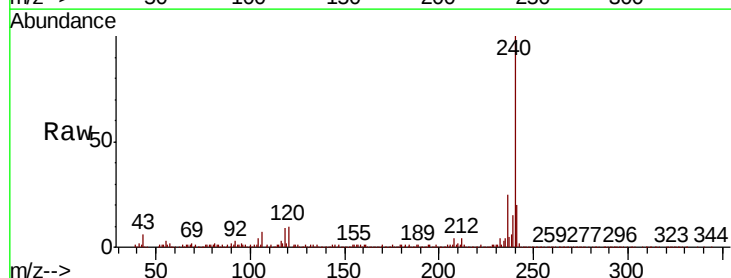
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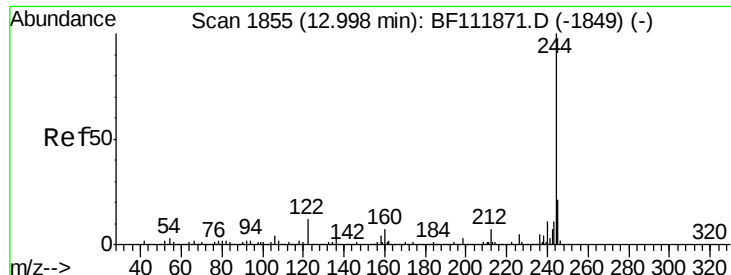
Tot Ion:188 Resp: 369577
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 8.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:240 Resp: 264902
Ion Ratio Lower Upper
240 100
120 10.0 8.2 12.2
236 25.2 20.2 30.4

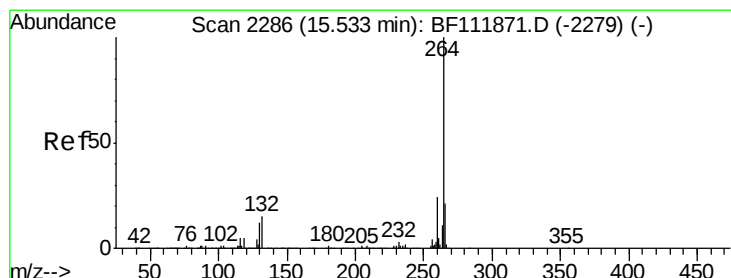
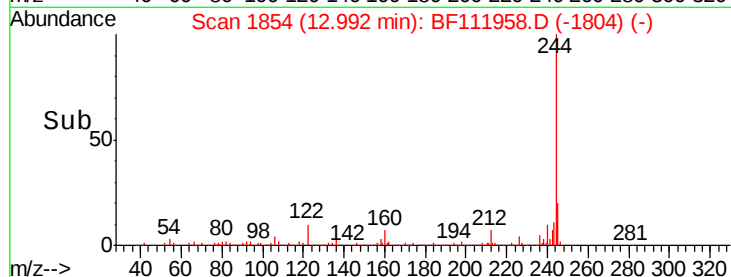
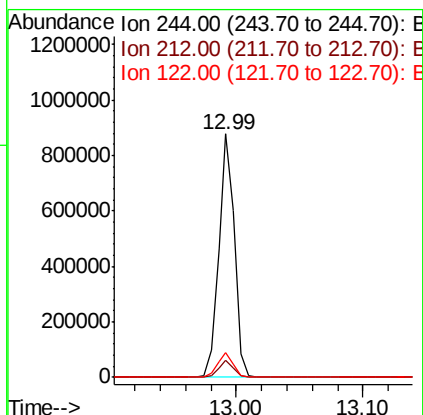
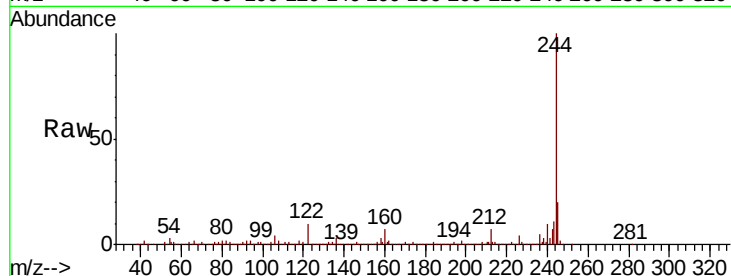




#79
Terphenyl-d14
Concen: 54.286 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Instrument :
BNA_F
ClientSampleId :
W12-5

Tot Ion:244 Resp: 757573
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.2 9.5 14.3



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111958.D
Acq: 9 Jan 2019 19:15

Tgt Ion:264 Resp: 187015
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 17.1 25.7

