

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111824.D
 Acq On : 3 Jan 2019 16:43
 Operator : JU/SJ
 Sample : K1017-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jan 04 01:59:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

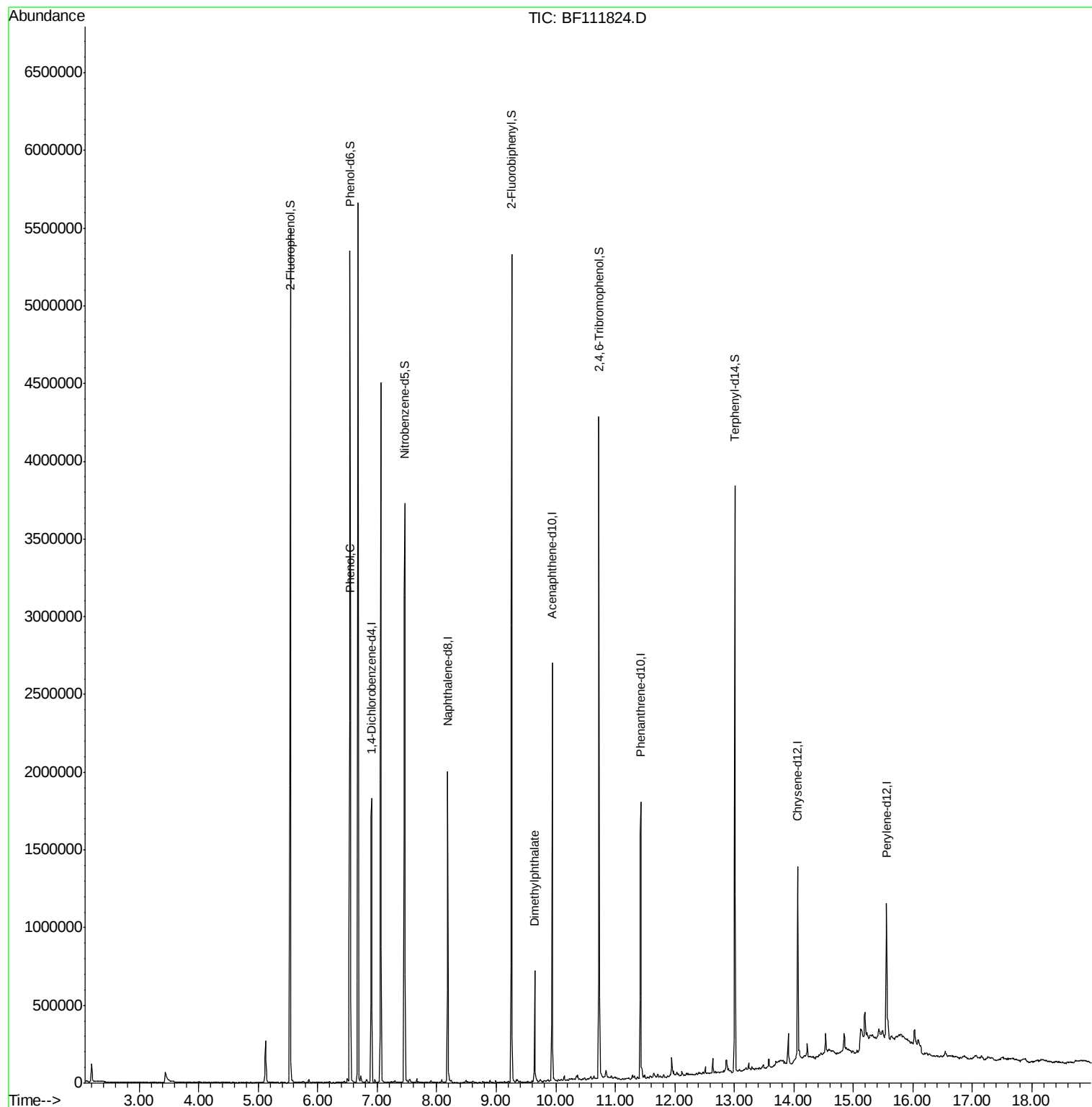
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	272980	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	894736	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	490590	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	649549	20.00	ng	0.01
76) Chrysene-d12	14.06	240	422560	20.00	ng	0.01
87) Perylene-d12	15.56	264	442342	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1412131	88.18	ng	0.02
7) Phenol-d6	6.55	99	1851760	90.86	ng	0.02
23) Nitrobenzene-d5	7.46	82	1153615	75.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	562634	97.06	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1579286	46.92	ng	0.00
79) Terphenyl-d14	13.01	244	1263760	56.72	ng	0.01
Target Compounds						
10) Phenol	6.56	94	97099	4.222	ng	93
50) Dimethylphthalate	9.65	163	256951	7.162	ng	98

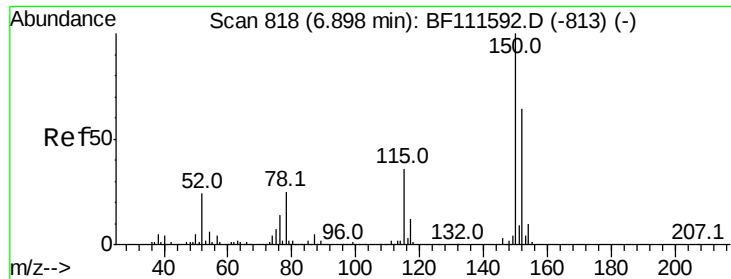
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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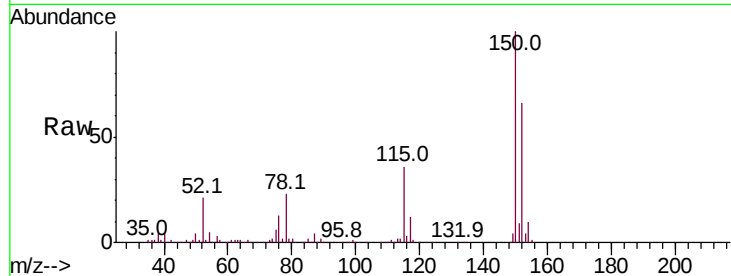


#1

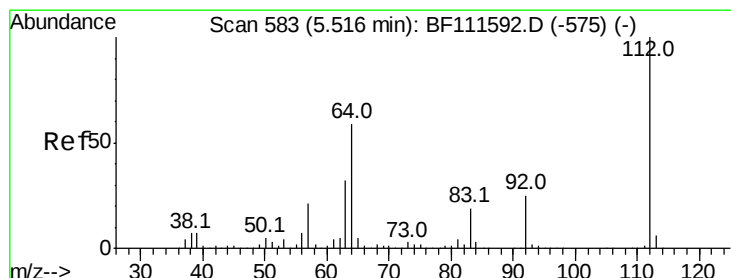
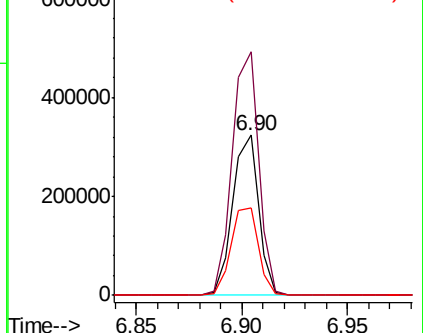
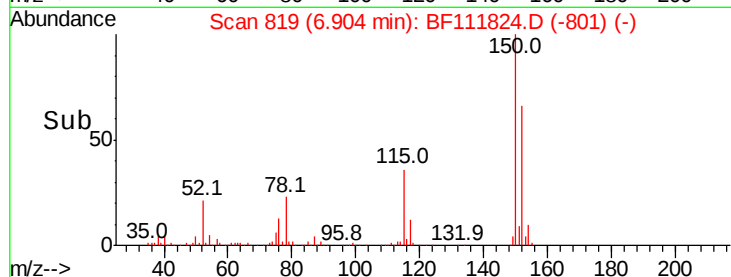
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:152 Resp: 272980
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 54.8 50.7 76.1



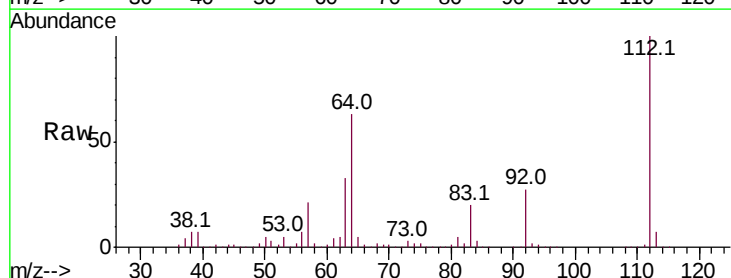
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



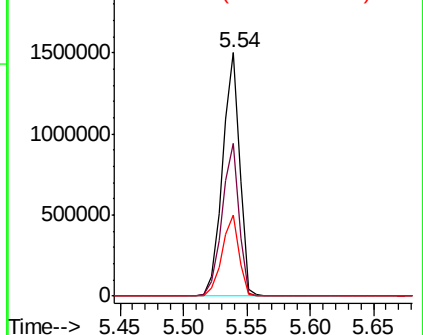
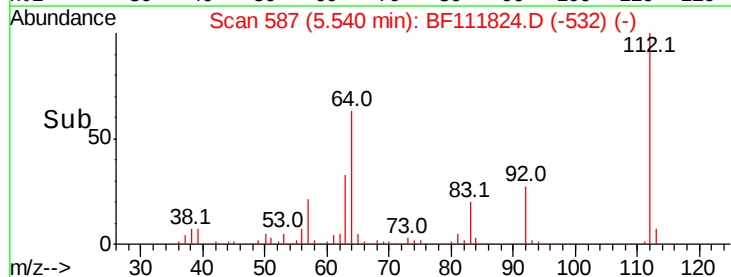
#5

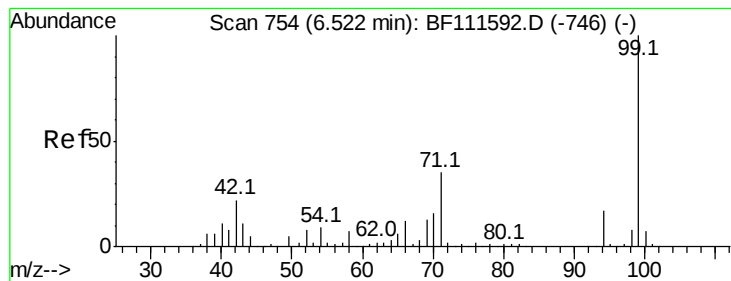
2-Fluorophenol
Concen: 88.176 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:112 Resp: 1412131
Ion Ratio Lower Upper
112 100
64 62.5 51.8 77.6
63 33.4 26.8 40.2



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: 90.855 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

Instrument :

BNA_F

ClientSampleID :

TP-2

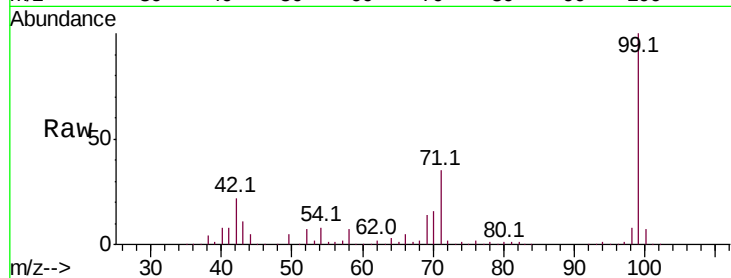
Tot Ion: 99 Resp: 1851760

Ion Ratio Lower Upper

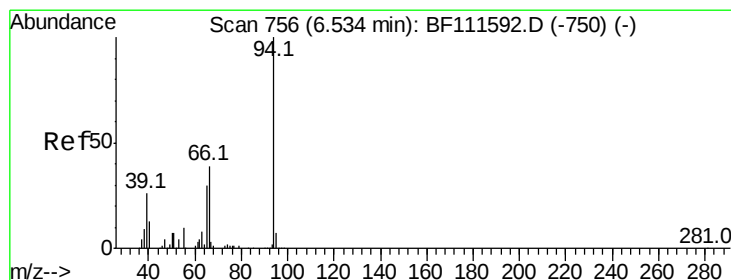
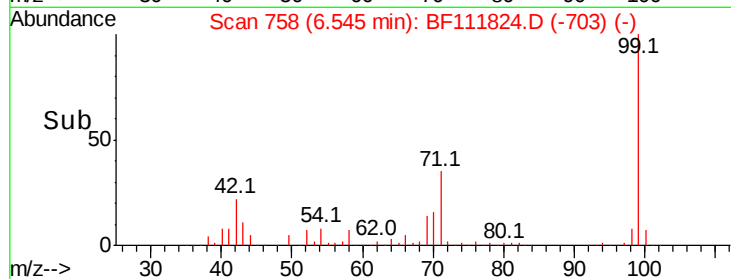
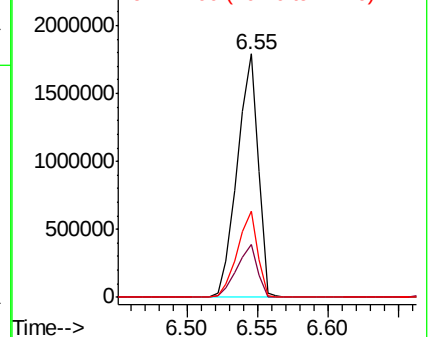
99 100

42 21.8 17.4 26.0

71 35.4 26.1 39.1



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: 4.222 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

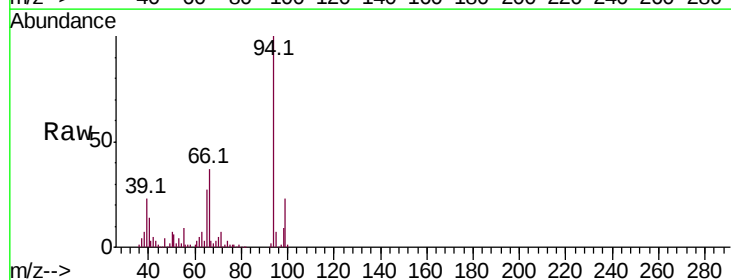
Tgt Ion: 94 Resp: 97099

Ion Ratio Lower Upper

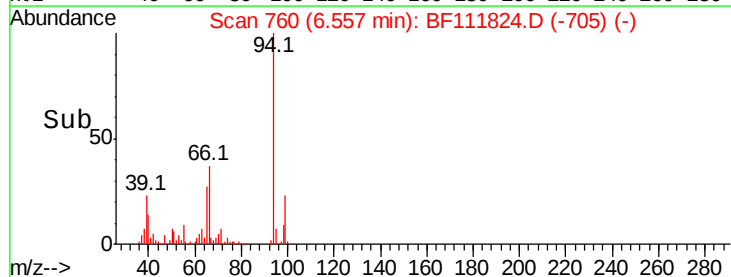
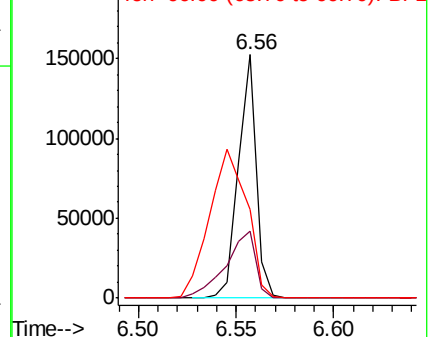
94 100

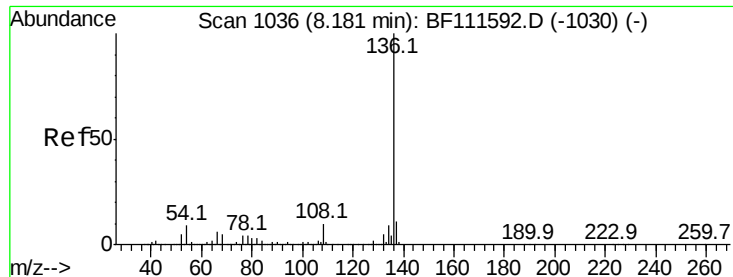
65 27.5 11.7 51.7

66 36.6 21.0 61.0



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:136 Resp: 894736

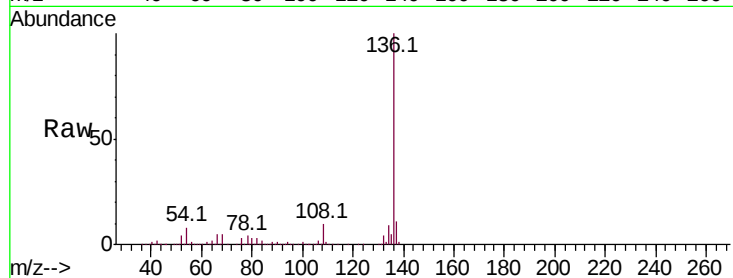
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 8.1 7.7 11.5

68 5.2 4.9 7.3

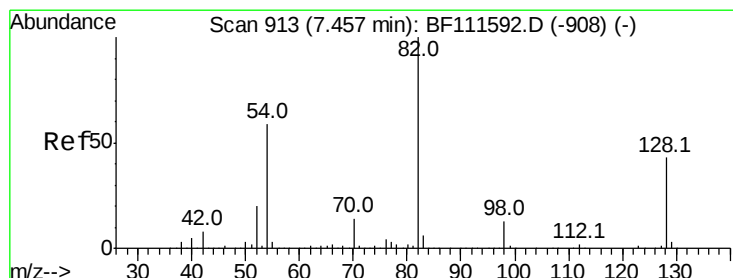
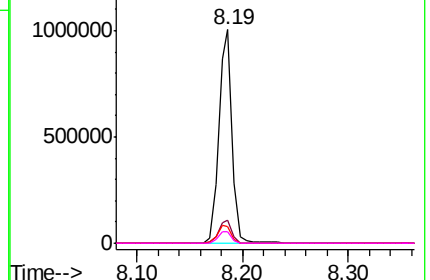
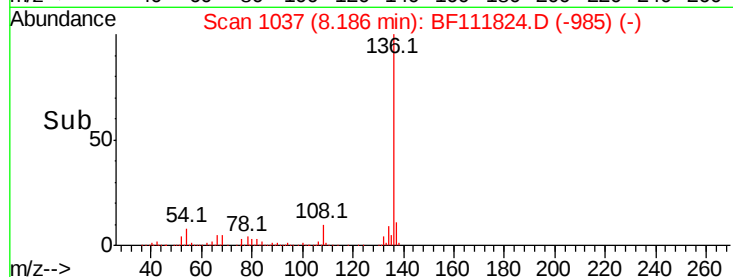


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.049 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

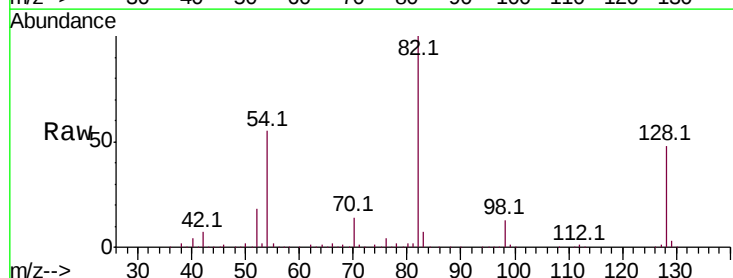
Tgt Ion: 82 Resp: 1153615

Ion Ratio Lower Upper

82 100

128 47.6 37.4 56.2

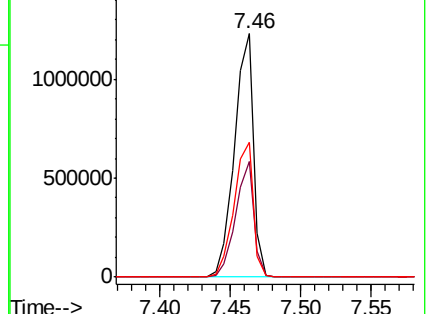
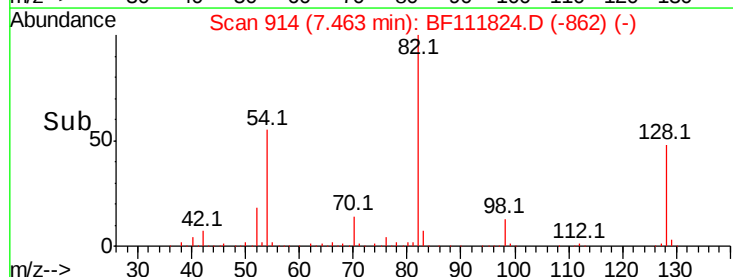
54 55.3 47.6 71.4

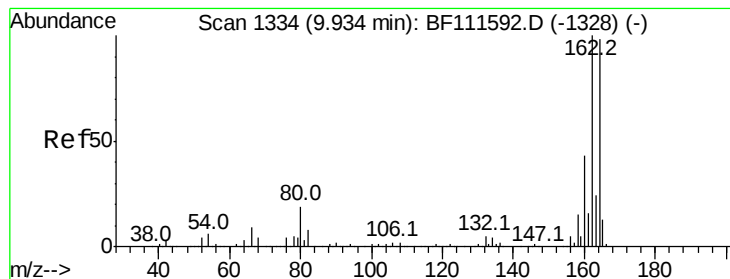


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

Instrument :

BNA_F

ClientSampleId :

TP-2

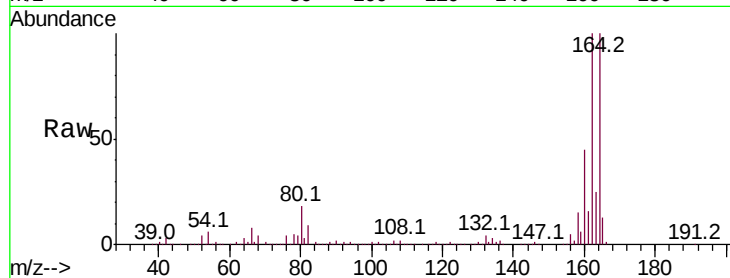
Tot Ion:164 Resp: 490590

Ion Ratio Lower Upper

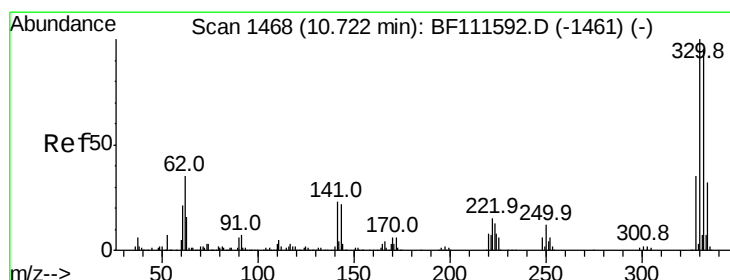
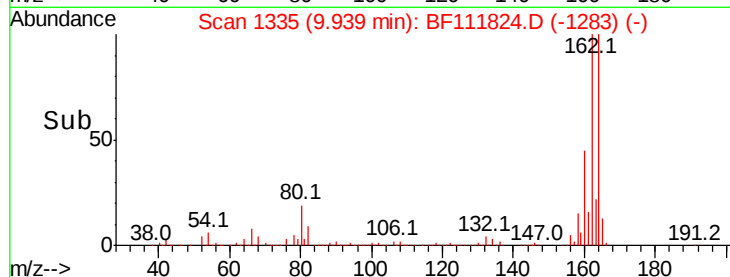
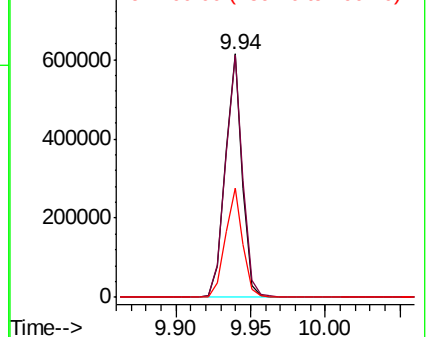
164 100

162 99.7 81.4 122.0

160 44.8 35.7 53.5



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: 97.061 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

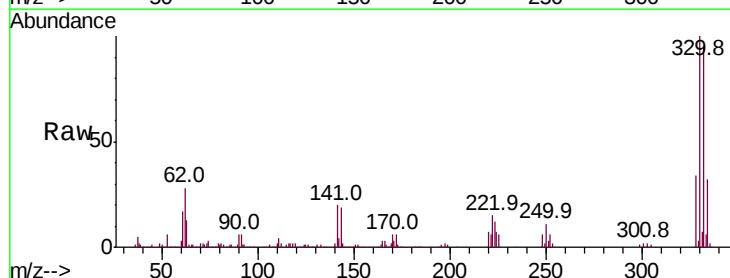
Tgt Ion:330 Resp: 562634

Ion Ratio Lower Upper

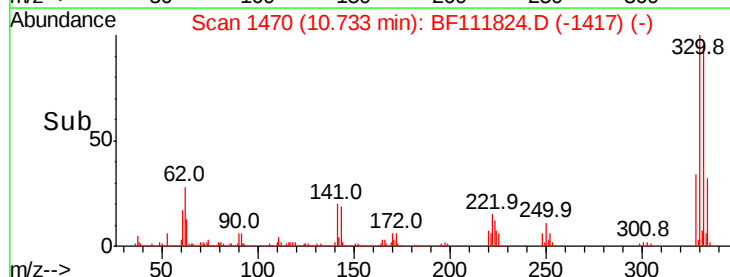
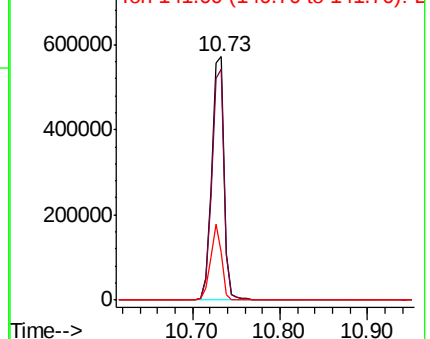
330 100

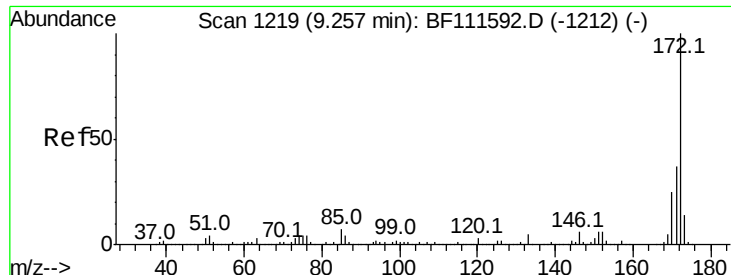
332 94.3 76.0 114.0

141 27.6 31.0 46.6#



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

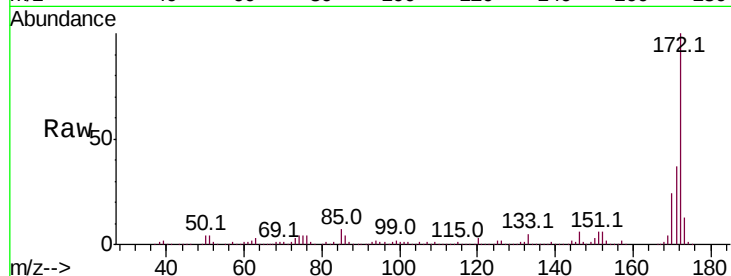




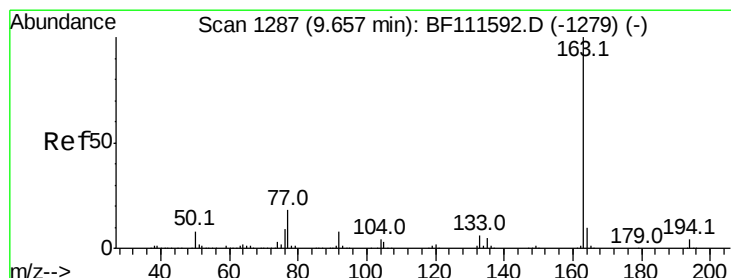
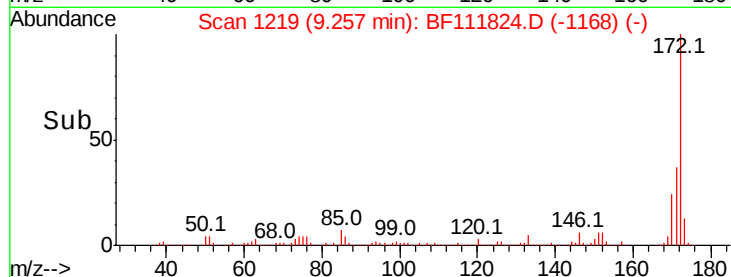
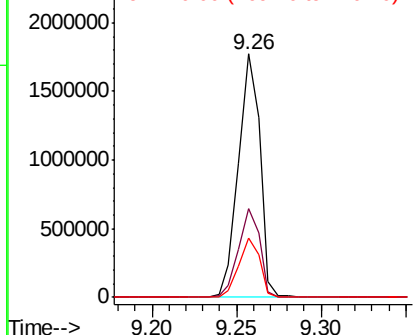
#45
2-Fluorobiphenyl
Concen: 46.922 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:172 Resp: 1579286
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.1 22.3 33.5

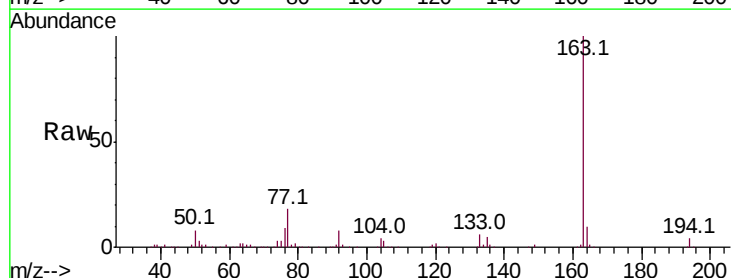


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

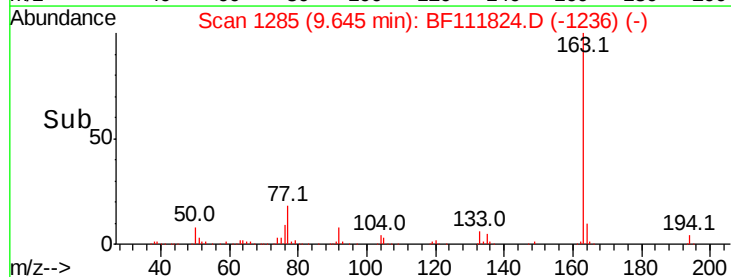
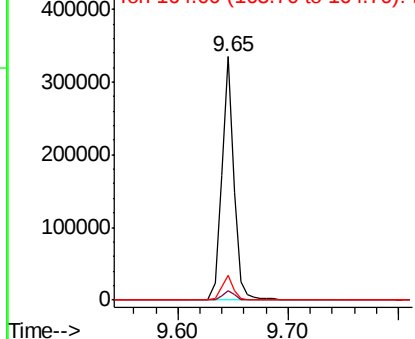


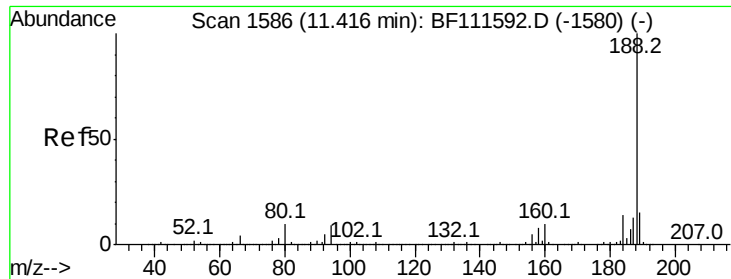
#50
Dimethylphthalate
Concen: 7.162 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:163 Resp: 256951
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.9 13.3



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

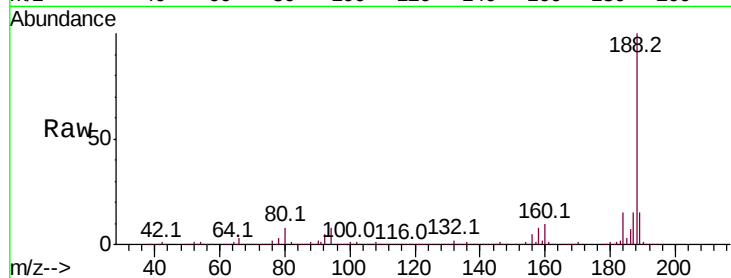




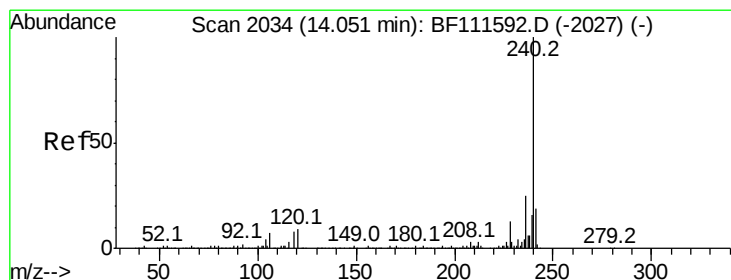
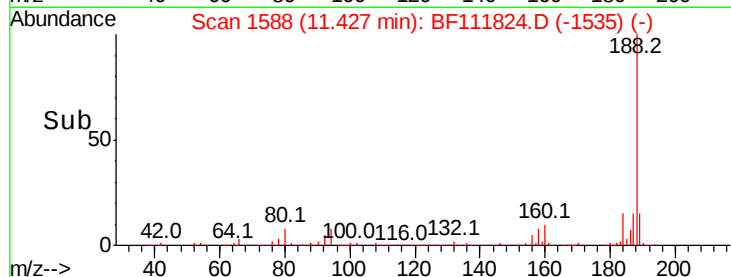
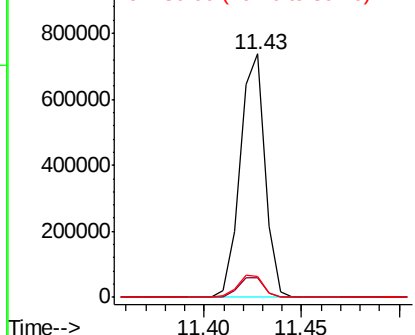
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:188 Resp: 649549
Ion Ratio Lower Upper
188 100
94 8.0 9.6 14.4#
80 8.5 9.8 14.6#

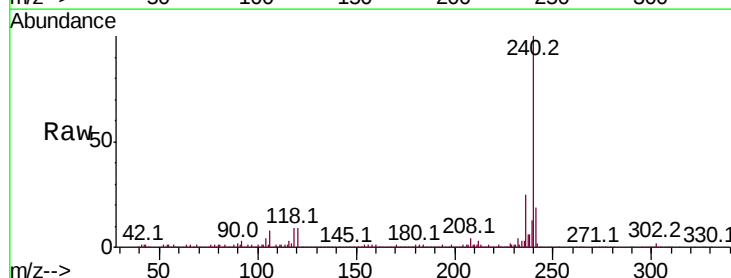


Abundance Ion 188.00 (187.70 to 188.70): E
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

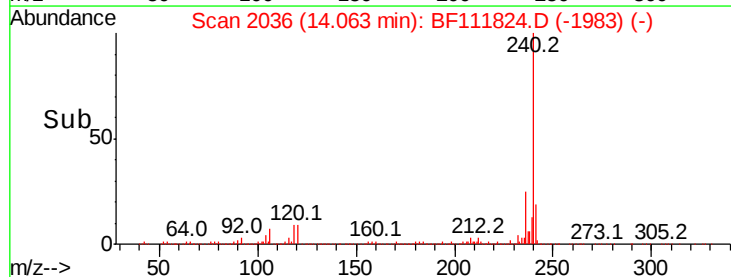
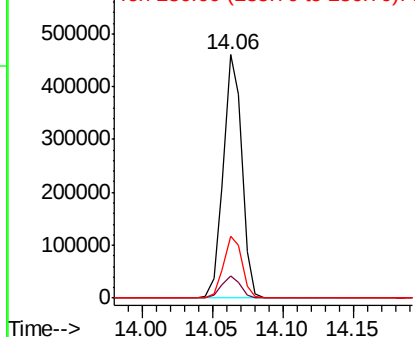


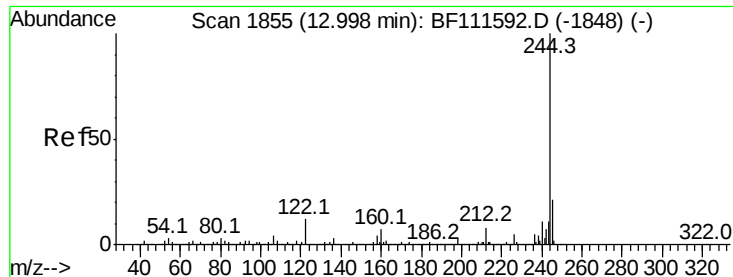
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:240 Resp: 422560
Ion Ratio Lower Upper
240 100
120 9.3 12.2 18.2#
236 25.3 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



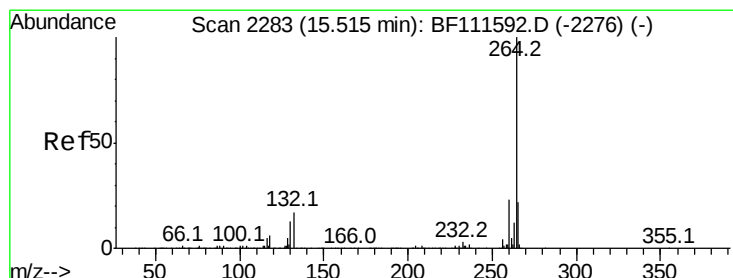
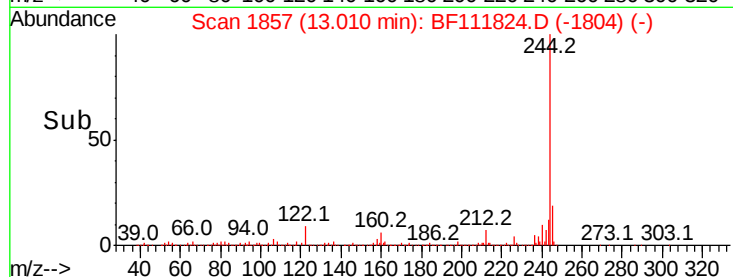
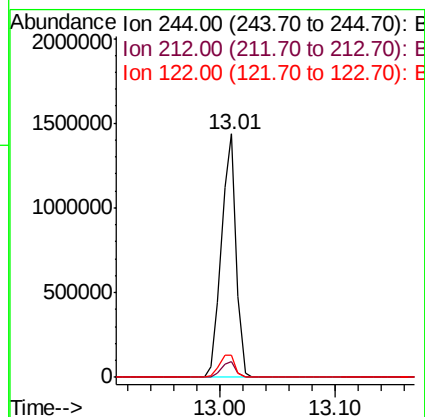
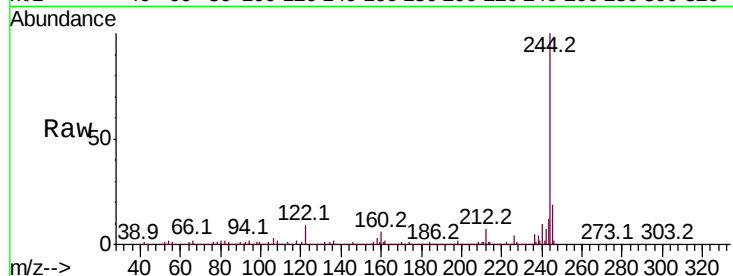


#79
 Terphenyl-d14
 Concen: 56.717 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF111824.D
 Acq: 3 Jan 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:244 Resp: 1263760

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.3	13.1	19.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. 0.04 min
 Lab File: BF111824.D
 Acq: 3 Jan 2019 16:43

Tgt Ion:264 Resp: 442342

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.7	26.5

