

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111826.D
 Acq On : 3 Jan 2019 17:38
 Operator : JU/SJ
 Sample : K1017-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Jan 04 02:49:09 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

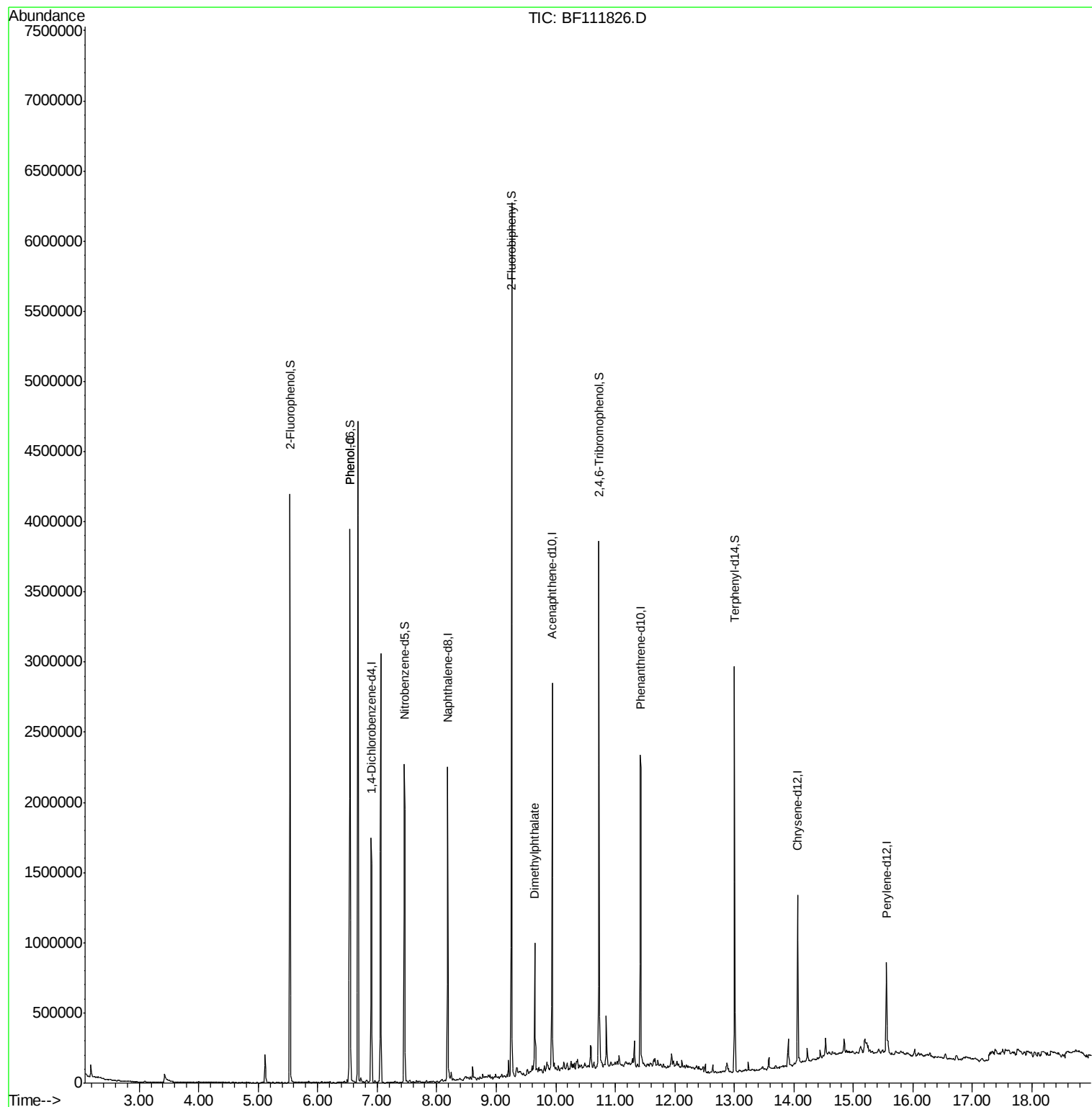
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	252109	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1018219	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	517854	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	829138	20.00	ng	0.00
76) Chrysene-d12	14.06	240	396334	20.00	ng	0.01
87) Perylene-d12	15.56	264	300766	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1132558	76.57	ng	0.02
7) Phenol-d6	6.55	99	1321979	70.23	ng	0.02
23) Nitrobenzene-d5	7.46	82	714938	40.87	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	466812	76.29	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1765613	49.70	ng	0.00
79) Terphenyl-d14	13.00	244	975699	46.69	ng	0.00
Target Compounds						
10) Phenol	6.55	94	66980	3.154	ng	87
50) Dimethylphthalate	9.65	163	314512	8.305	ng	97

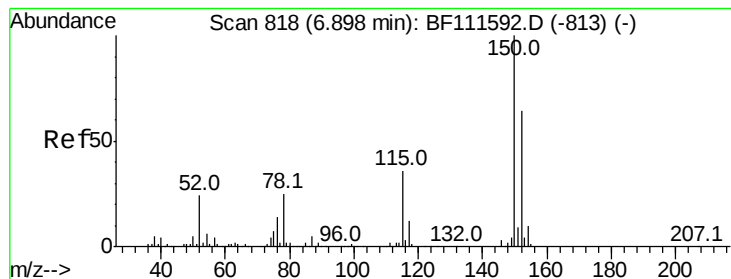
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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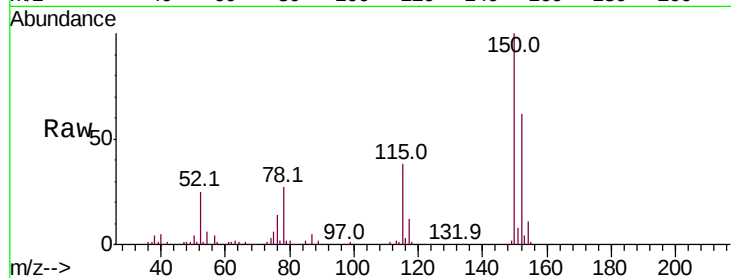


#1

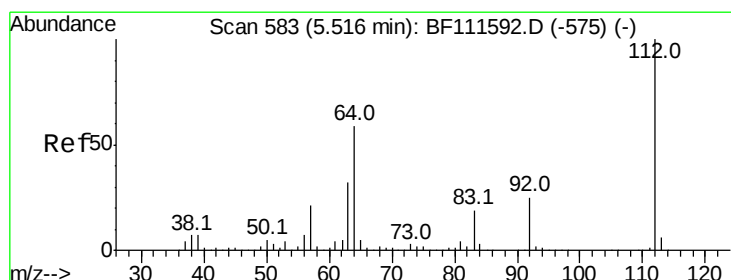
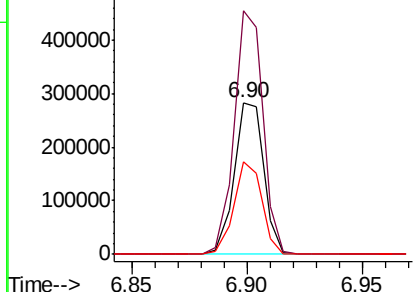
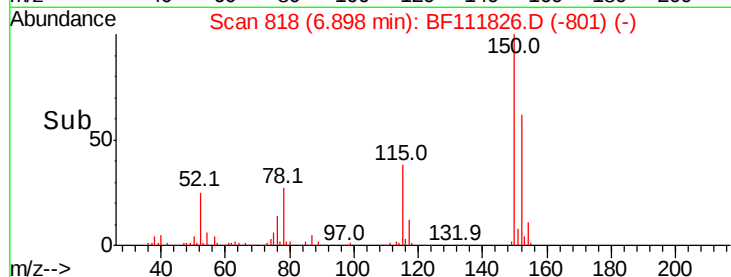
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:152 Resp: 252109
Ion Ratio Lower Upper
152 100
150 160.7 126.6 189.8
115 61.2 50.7 76.1



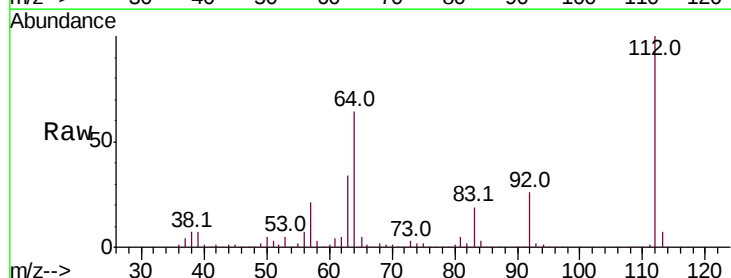
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



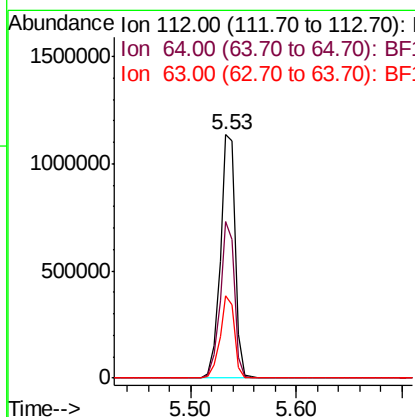
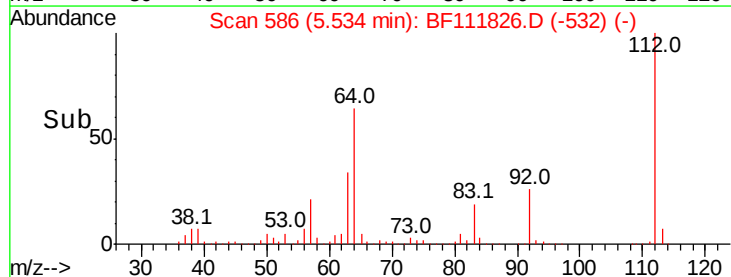
#5

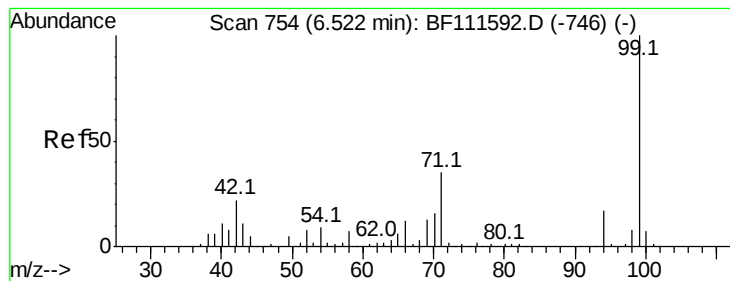
2-Fluorophenol
Concen: 76.573 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Tgt Ion:112 Resp: 1132558
Ion Ratio Lower Upper
112 100
64 64.2 51.8 77.6
63 33.9 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: 70.232 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111826.D

Acq: 3 Jan 2019 17:38

Instrument :

BNA_F

ClientSampleId :

TP-4

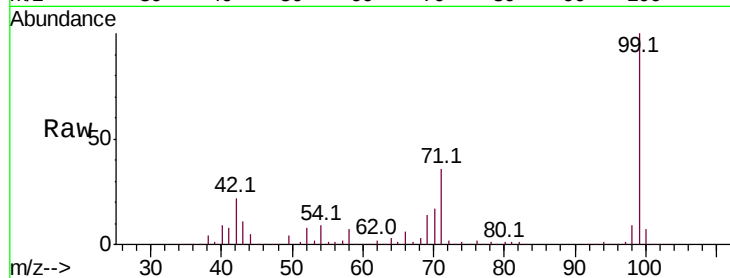
Tot Ion: 99 Resp: 1321979

Ion Ratio Lower Upper

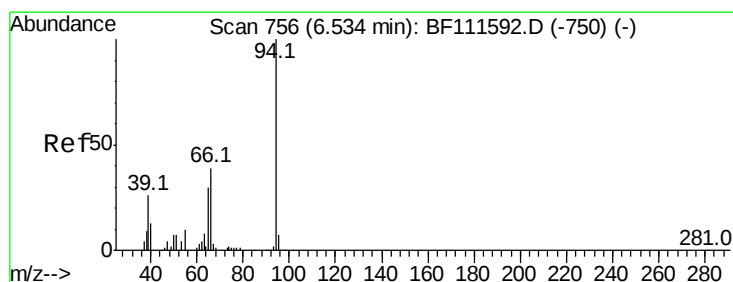
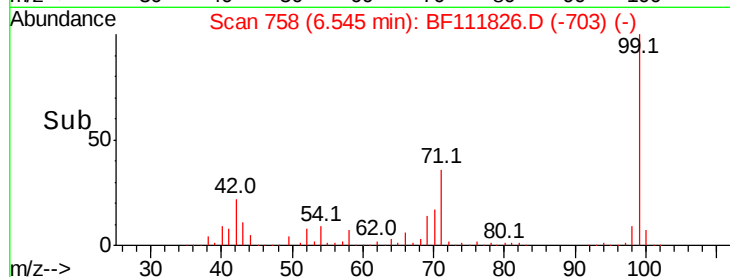
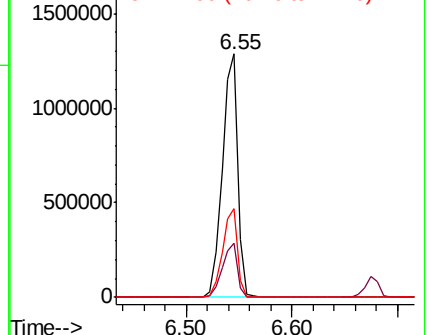
99 100

42 22.3 17.4 26.0

71 36.3 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: 3.154 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111826.D

Acq: 3 Jan 2019 17:38

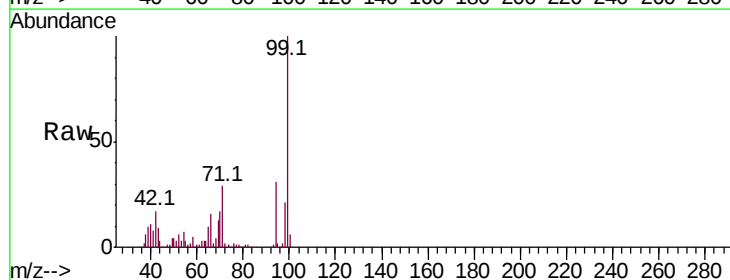
Tgt Ion: 94 Resp: 66980

Ion Ratio Lower Upper

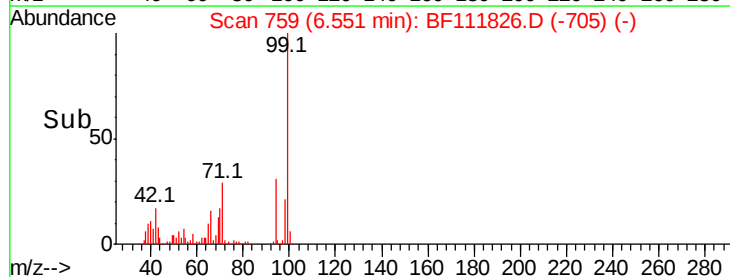
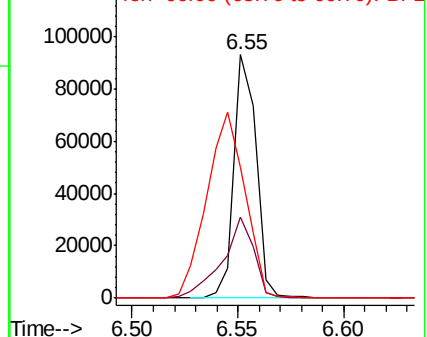
94 100

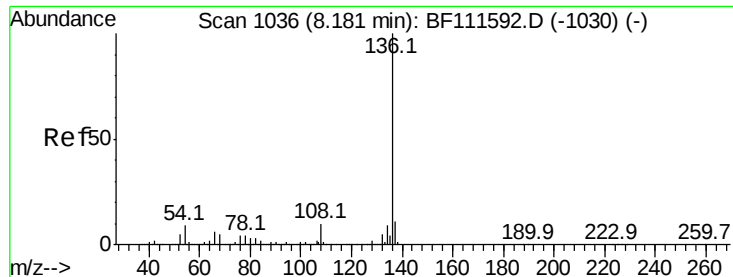
65 33.4 11.7 51.7

66 53.8 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: BF111826.D

Acq: 3 Jan 2019 17:38

Instrument :

BNA_F

ClientSampleId :

TP-4

Tot Ion:136 Resp: 1018219

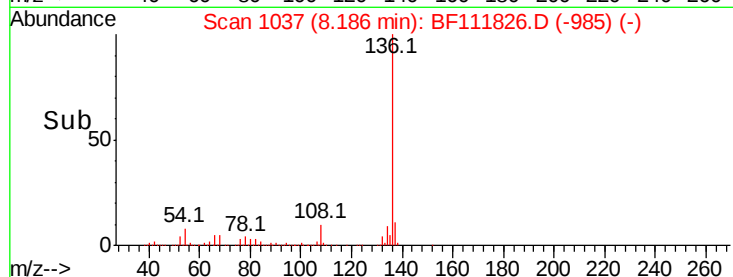
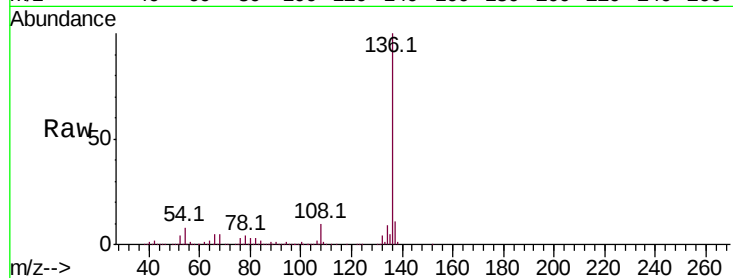
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 8.1 7.7 11.5

68 5.3 4.9 7.3

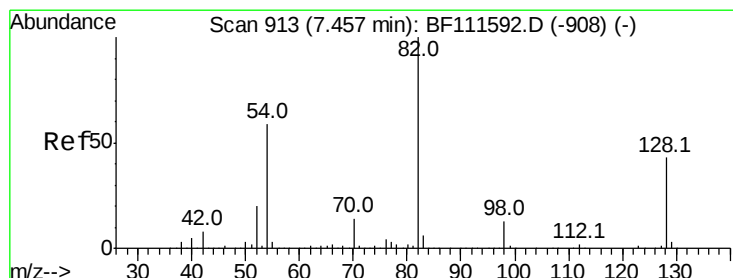
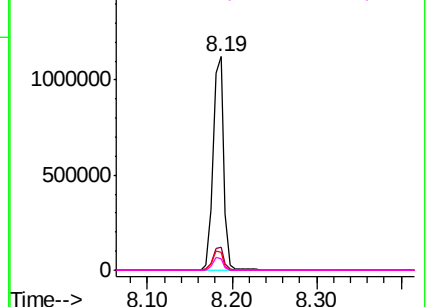


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.870 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF111826.D

Acq: 3 Jan 2019 17:38

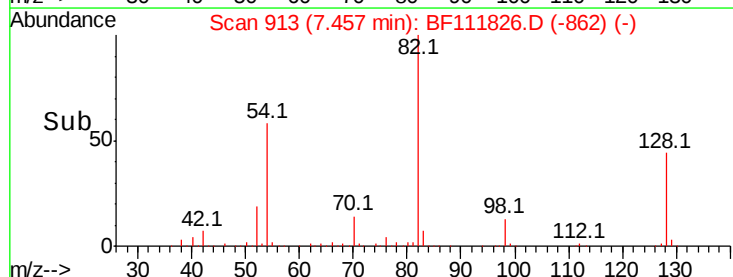
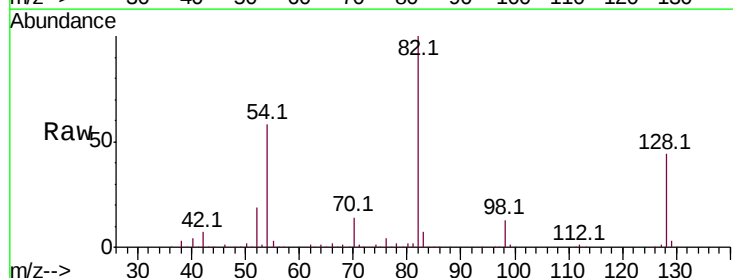
Tgt Ion: 82 Resp: 714938

Ion Ratio Lower Upper

82 100

128 43.7 37.4 56.2

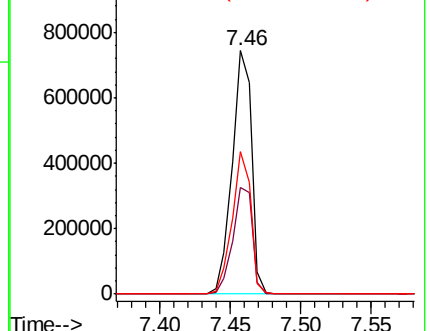
54 58.3 47.6 71.4

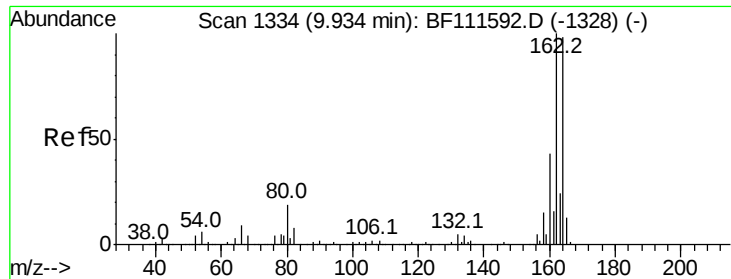


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

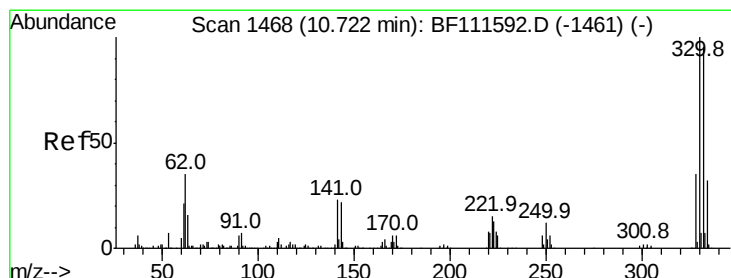
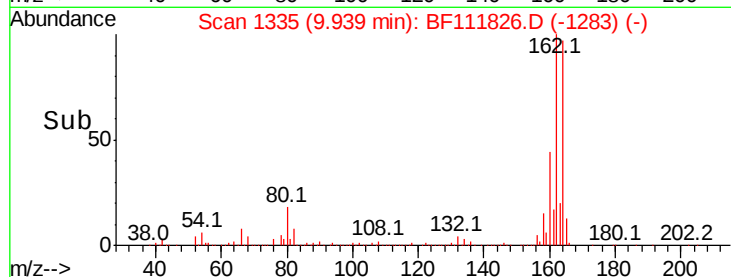
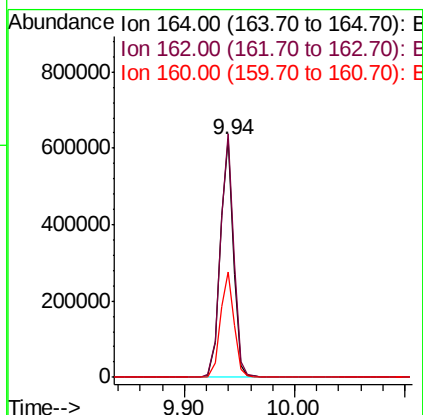
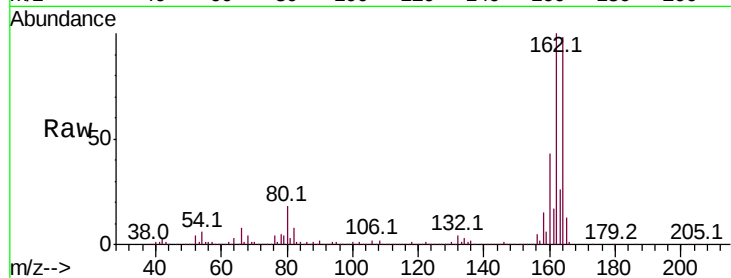




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

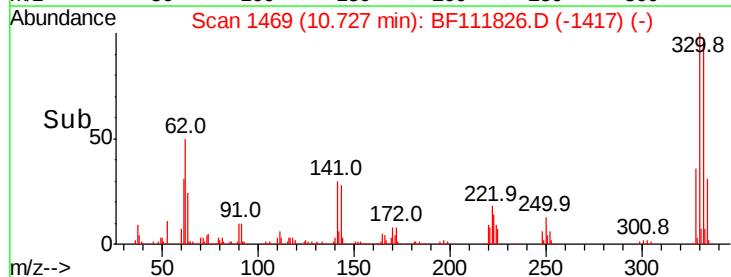
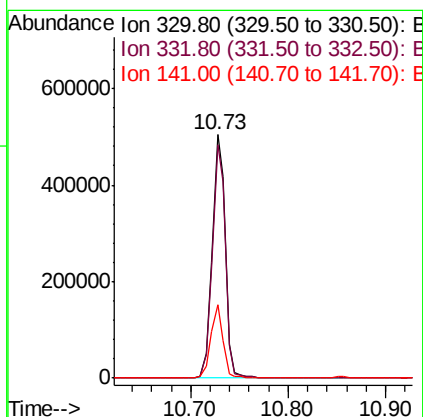
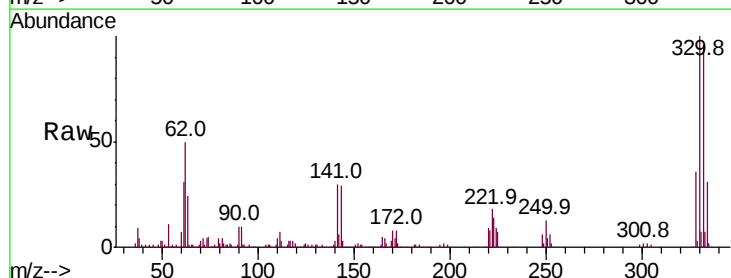
Instrument :
BNA_F
ClientSampleId :
TP-4

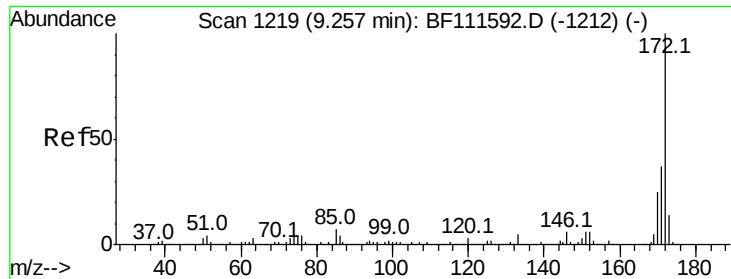
Tot Ion:164 Resp: 517854
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 44.4 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 76.291 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Tgt Ion:330 Resp: 466812
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 27.8 31.0 46.6#

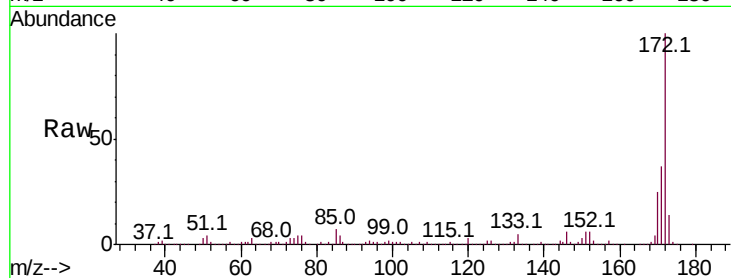




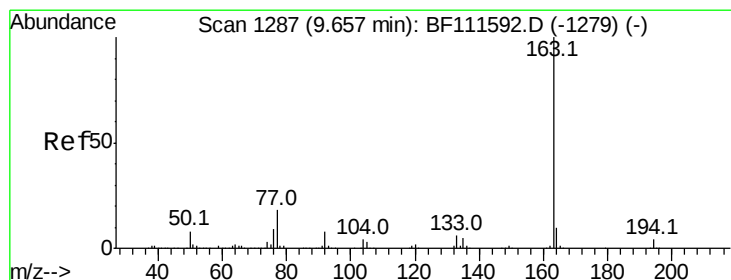
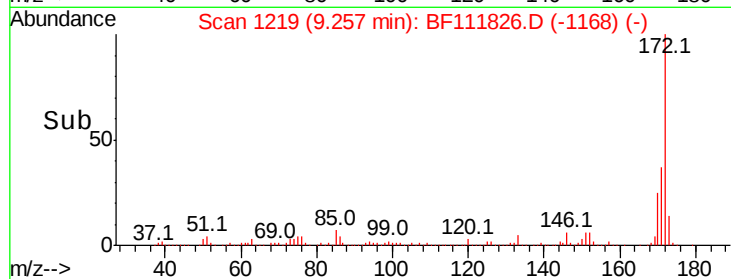
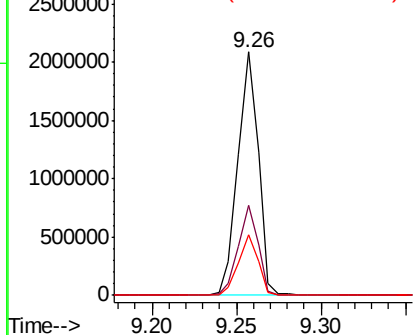
#45
2-Fluorobiphenyl
Concen: 49.696 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion:172 Resp: 1765613
Ion Ratio Lower Upper
172 100
171 36.8 33.0 49.4
170 24.6 22.3 33.5

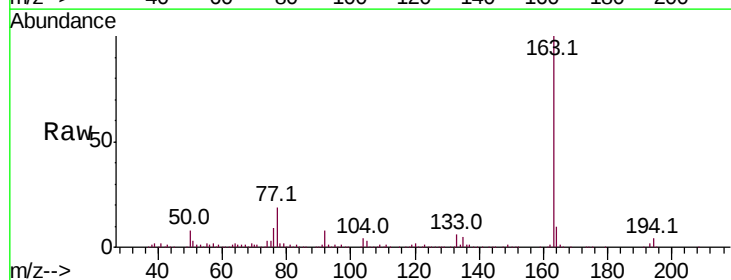


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

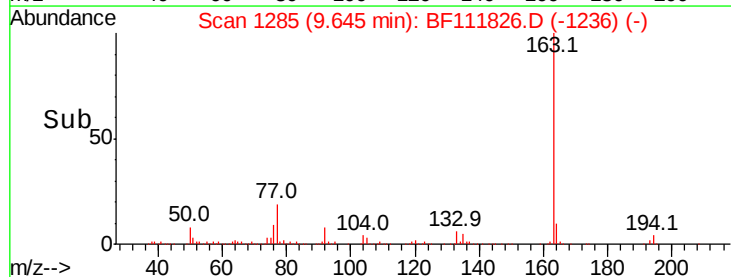
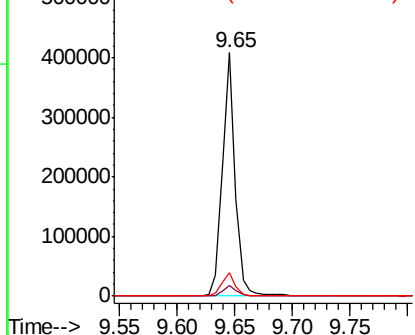


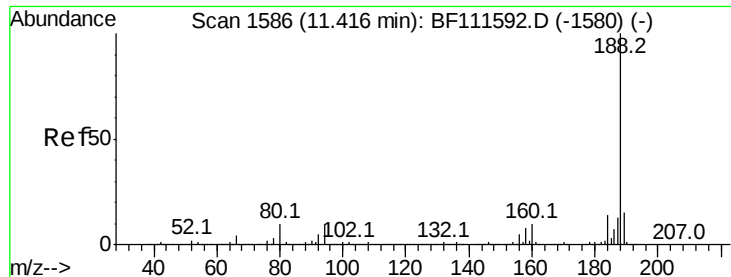
#50
Dimethylphthalate
Concen: 8.305 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Tgt Ion:163 Resp: 314512
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 9.7 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

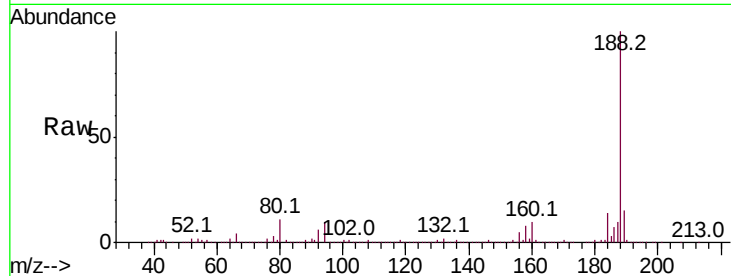




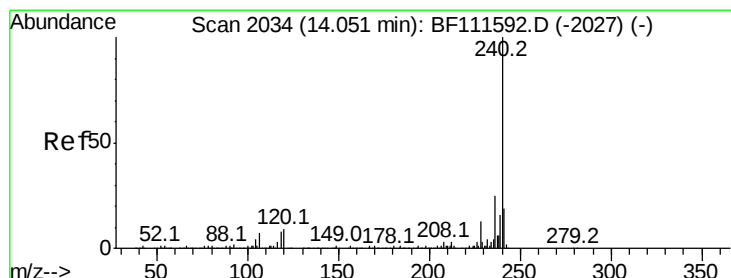
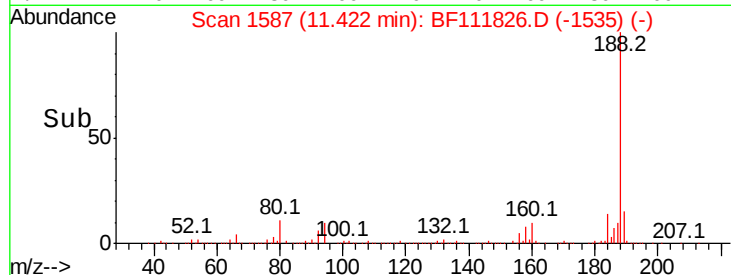
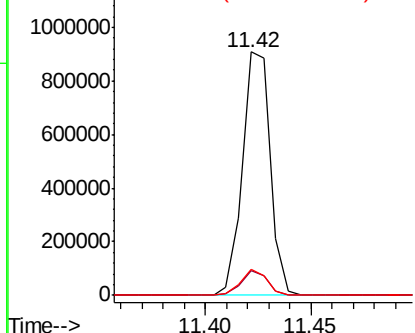
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion:188 Resp: 829138
Ion Ratio Lower Upper
188 100
94 10.0 9.6 14.4
80 10.7 9.8 14.6

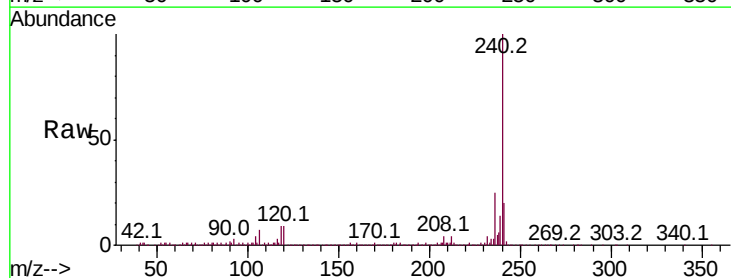


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

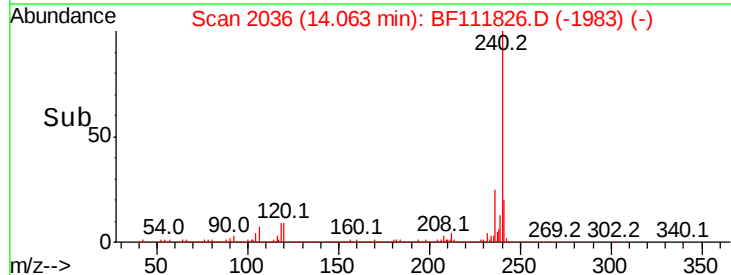
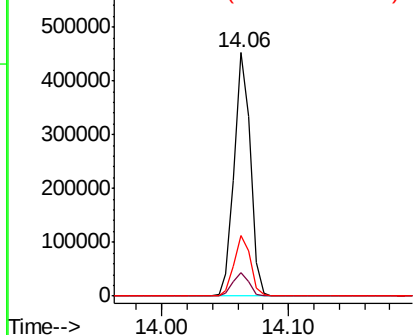


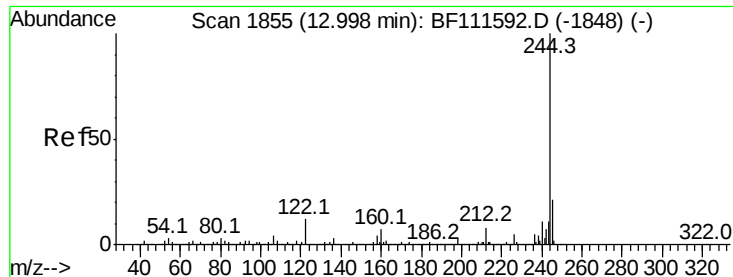
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111826.D
Acq: 3 Jan 2019 17:38

Tgt Ion:240 Resp: 396334
Ion Ratio Lower Upper
240 100
120 9.4 12.2 18.2#
236 24.9 20.2 30.2



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

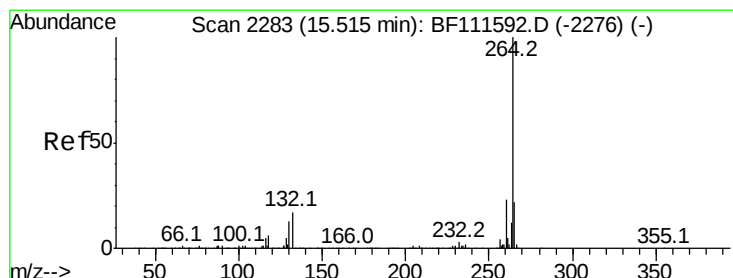
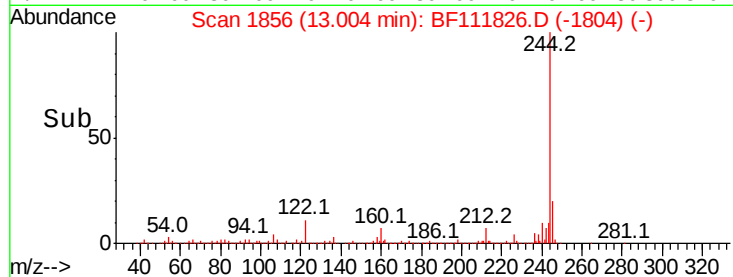
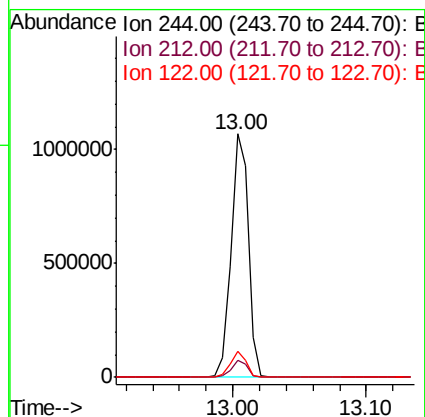
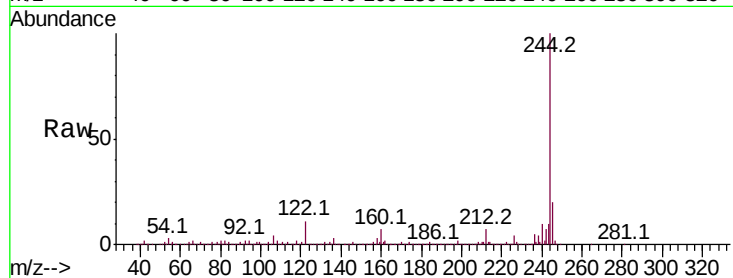




#79
 Terphenyl-d14
 Concen: 46.686 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF111826.D
 Acq: 3 Jan 2019 17:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:244 Resp: 975699
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.5 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: BF111826.D
 Acq: 3 Jan 2019 17:38

Tgt Ion:264 Resp: 300766
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 20.9 17.7 26.5

