

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102104.D
 Acq On : 16 Jan 2018 12:54
 Operator : SJ/JU
 Sample : J1113-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-3.0-3.5

Quant Time: Jan 17 00:34:46 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

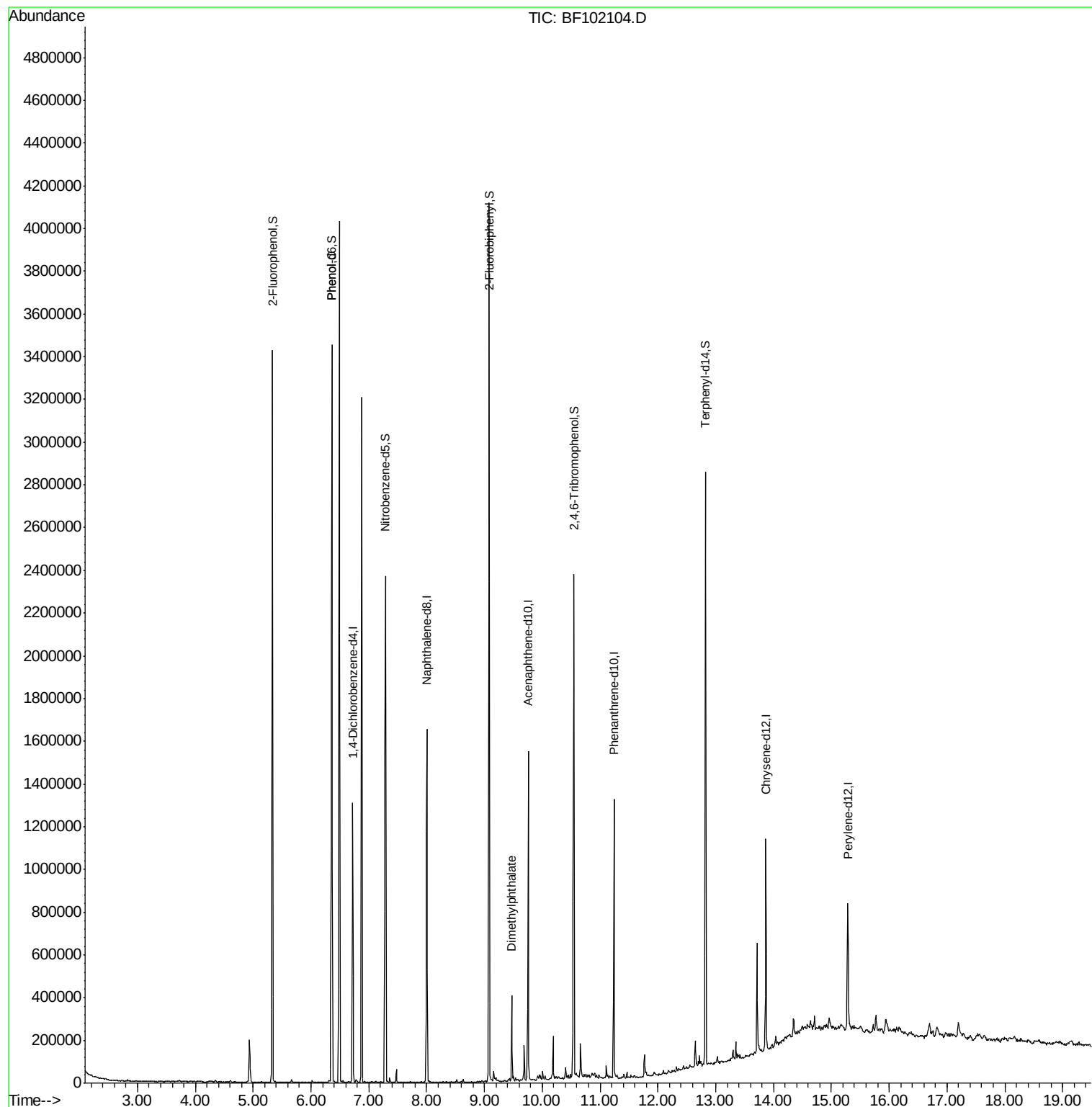
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	170677	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	682116	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	286374	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	444706	20.00	ng	0.00
75) Chrysene-d12	13.87	240	302134	20.00	ng	-0.01
86) Perylene-d12	15.29	264	264430	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1127603	93.29	ng	0.01
7) Phenol-d6	6.36	99	1336790	92.70	ng	0.00
23) Nitrobenzene-d5	7.29	82	855828	73.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	269429	107.81	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1407897	76.81	ng	-0.01
78) Terphenyl-d14	12.82	244	966947	66.45	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	36102	2.215	ng	Qvalue # 66
49) Dimethylphthalate	9.47	163	140421	6.112	ng	99

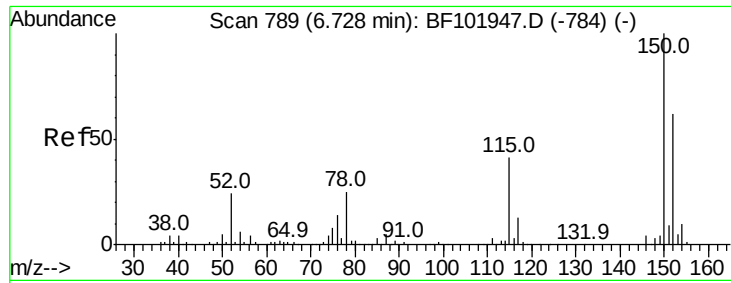
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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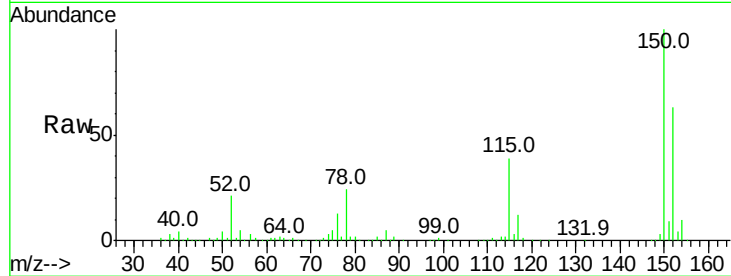


#1

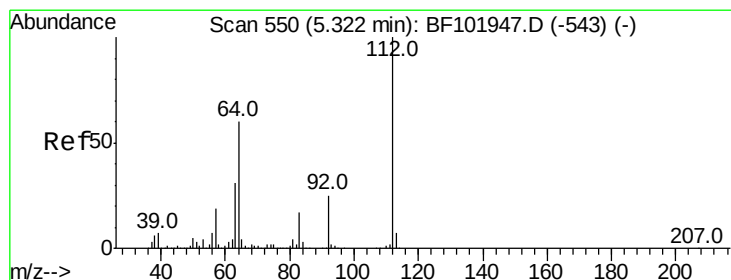
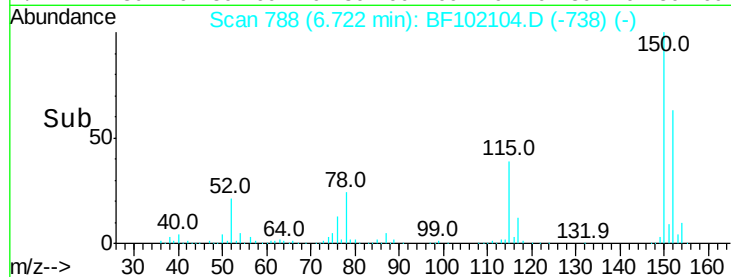
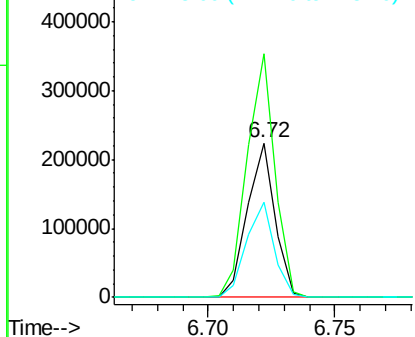
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102104.D
Acq: 16 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
SB-20-3.0-3.5

Tot Ion:152 Resp: 170677
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 61.8 50.1 75.1



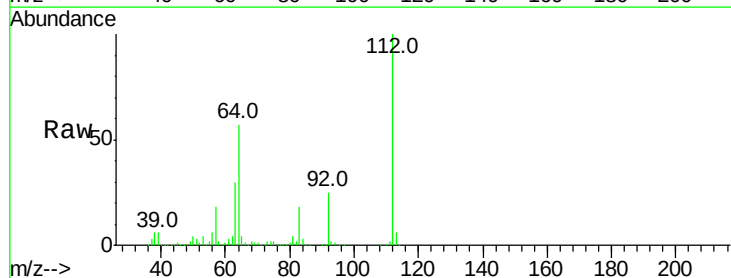
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



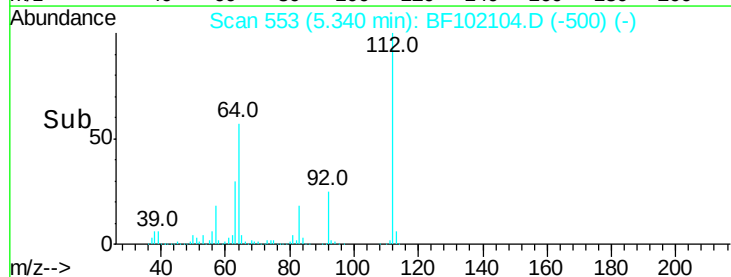
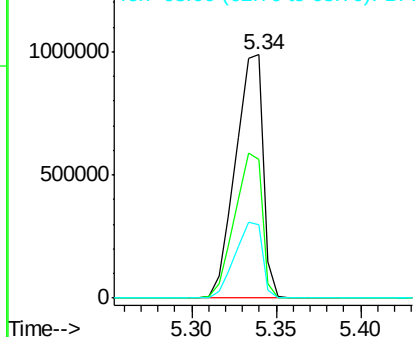
#5

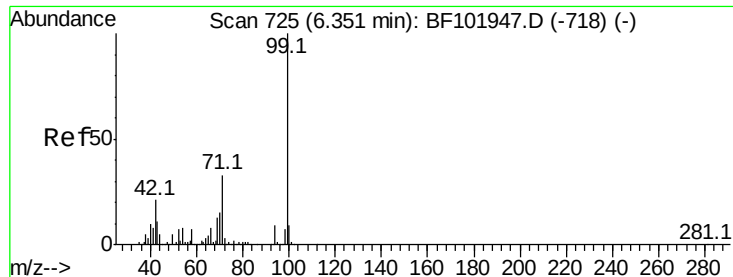
2-Fluorophenol
Concen: 93.291 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102104.D
Acq: 16 Jan 2018 12:54

Tgt Ion:112 Resp: 1127603
Ion Ratio Lower Upper
112 100
64 57.2 47.9 71.9
63 30.1 23.7 35.5



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: 92.698 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102104.D

Acq: 16 Jan 2018 12:54

Instrument :

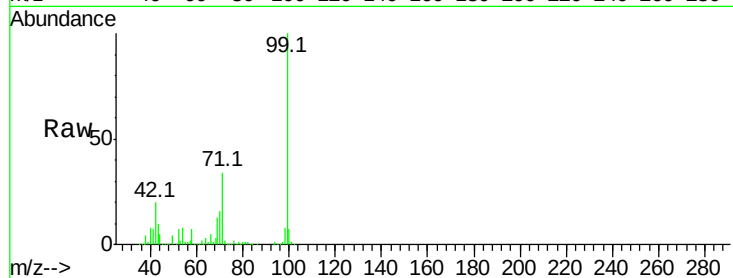
BNA_F

ClientSampleId :

SB-20-3.0-3.5

Tot Ion: 99 Resp: 1336790

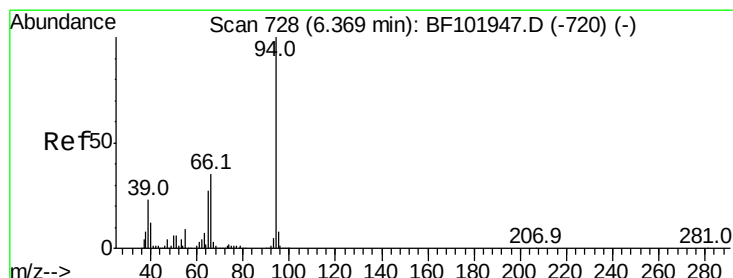
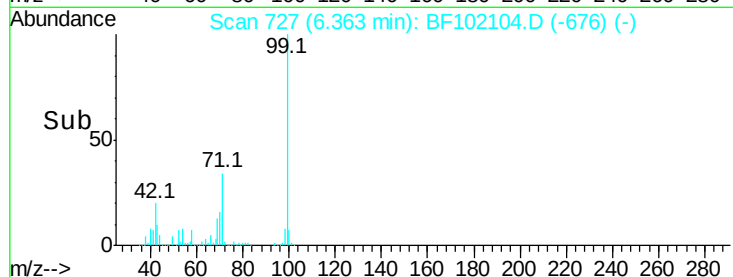
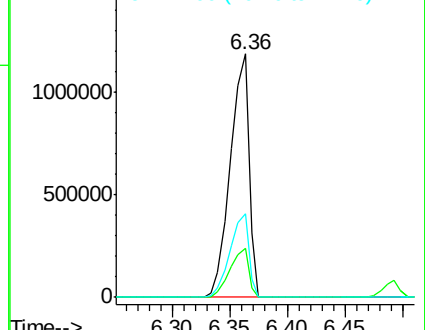
Ion	Ratio	Lower	Upper
99	100		
42	20.2	14.5	21.7
71	34.4	25.4	38.0



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: 2.215 ng

RT: 6.37 min Scan# 728

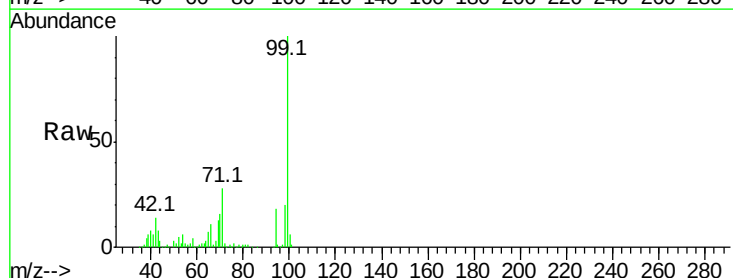
Delta R.T. -0.01 min

Lab File: BF102104.D

Acq: 16 Jan 2018 12:54

Tgt Ion: 94 Resp: 36102

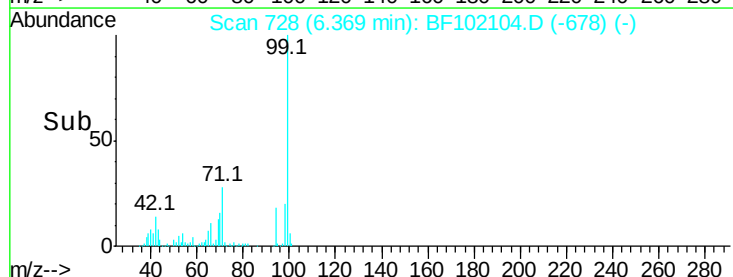
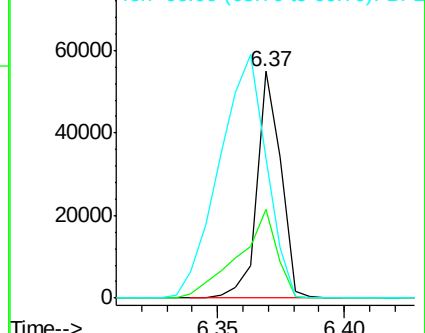
Ion	Ratio	Lower	Upper
94	100		
65	39.1	7.9	47.9
66	61.9	16.2	56.2

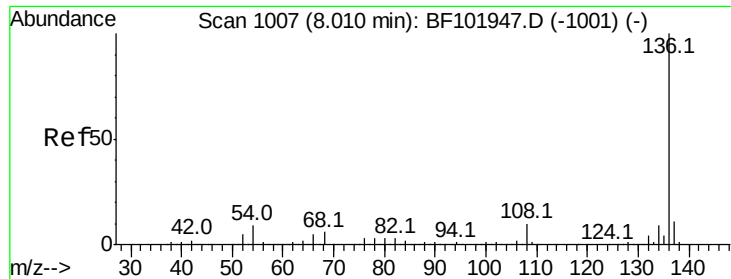


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

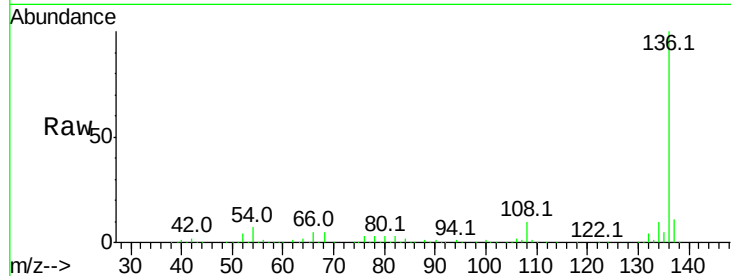




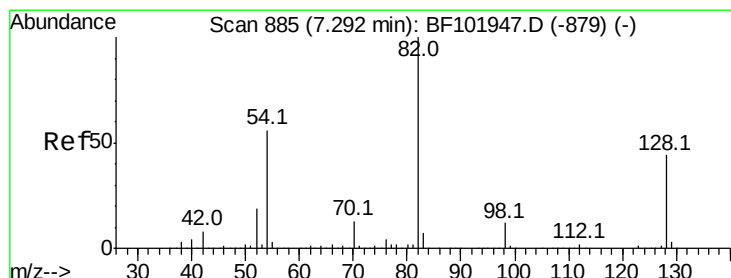
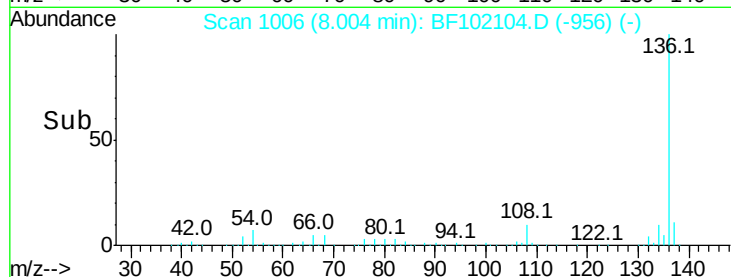
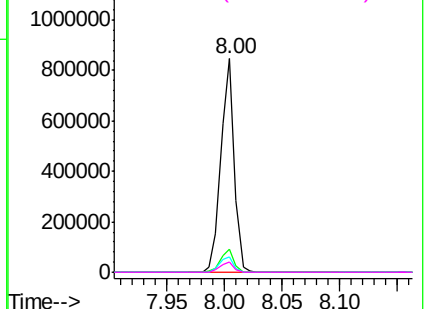
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102104.D
Acq: 16 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
SB-20-3.0-3.5

Tot Ion:	136	Resp:	682116
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.1	5.0	7.4

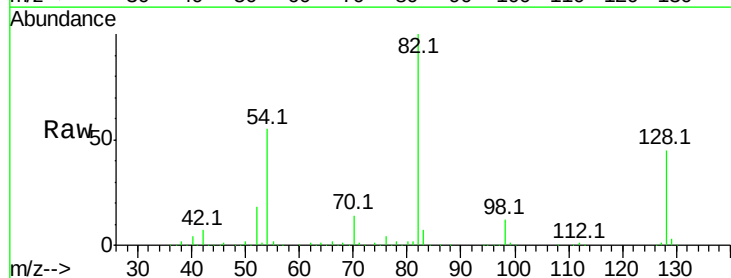


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

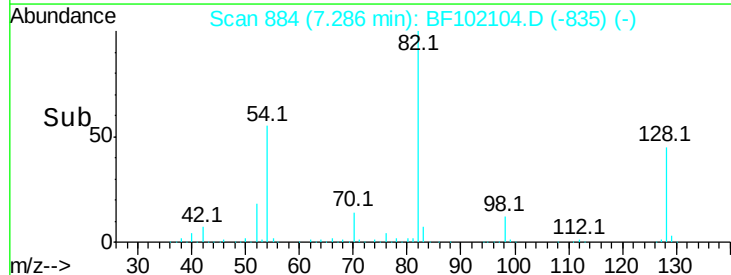
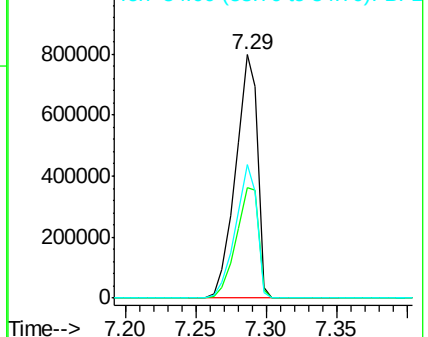


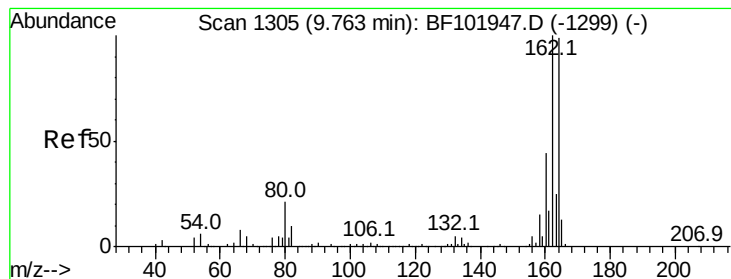
#23
Nitrobenzene-d5
Concen: 73.729 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102104.D
Acq: 16 Jan 2018 12:54

Tgt Ion:	82	Resp:	855828
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	54.8	41.4	62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102104.D

Acq: 16 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

SB-20-3.0-3.5

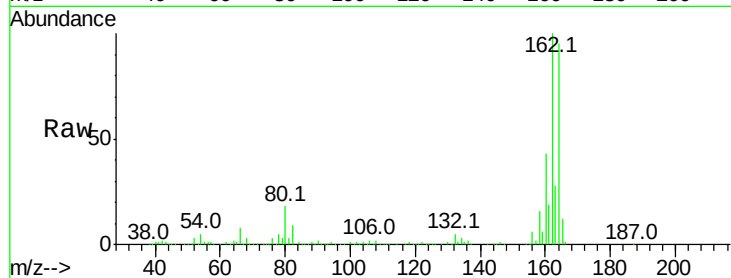
Tot Ion:164 Resp: 286374

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

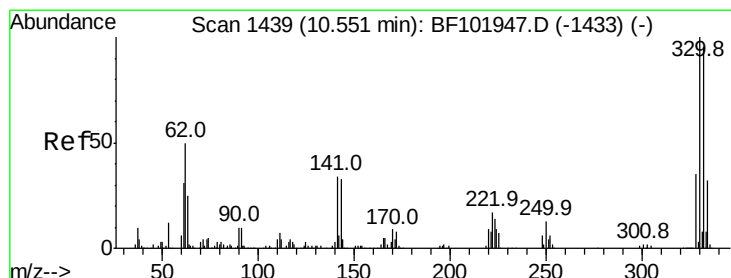
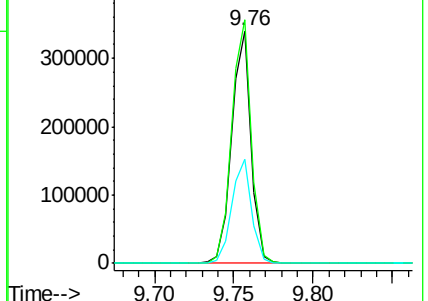
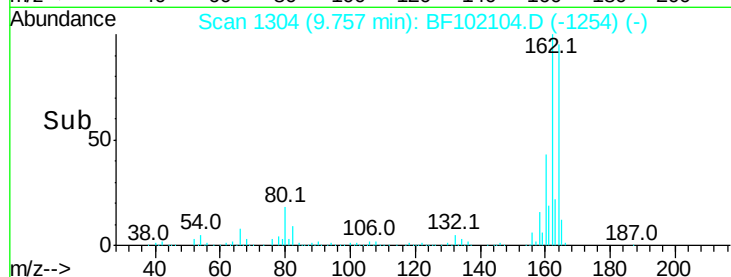
160 44.7 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 107.808 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102104.D

Acq: 16 Jan 2018 12:54

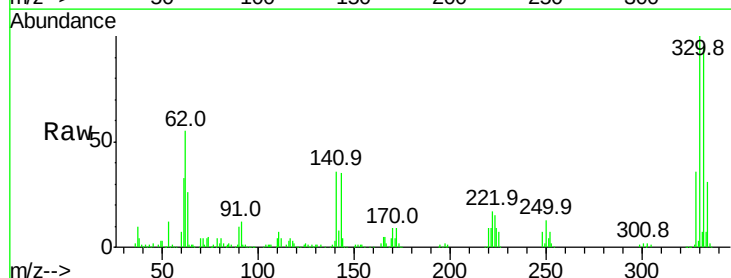
Tgt Ion:330 Resp: 269429

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

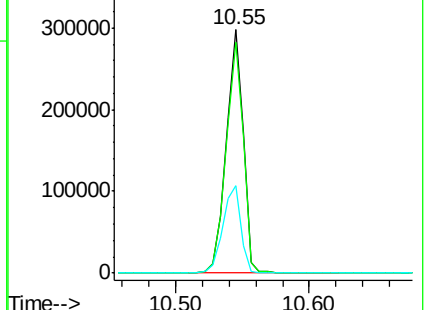
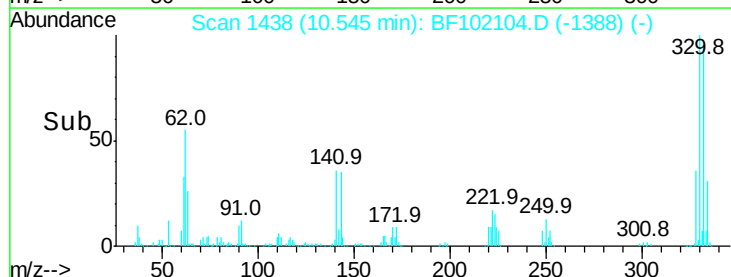
141 38.2 29.9 44.9

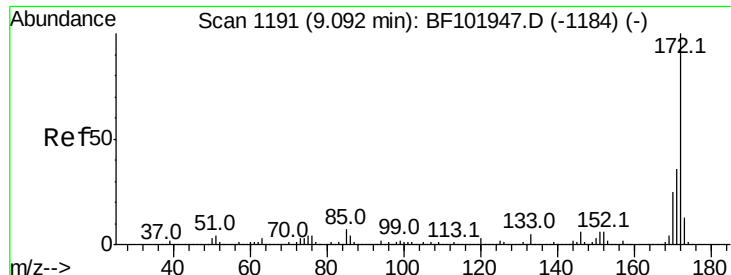


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

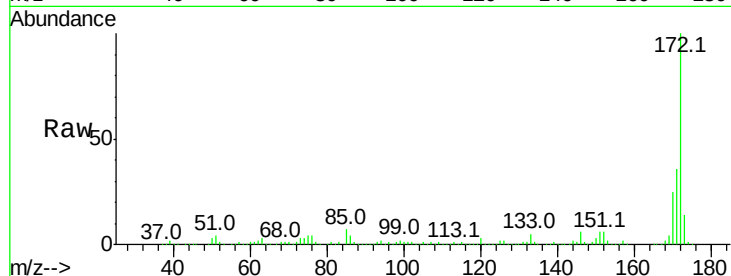




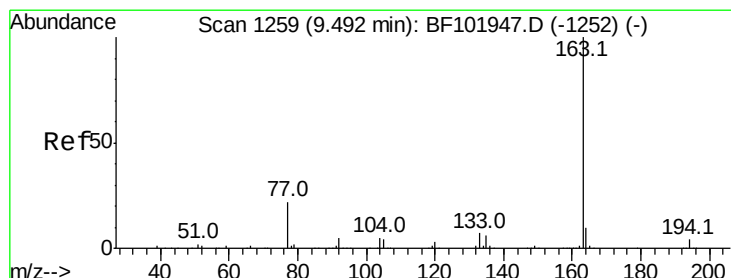
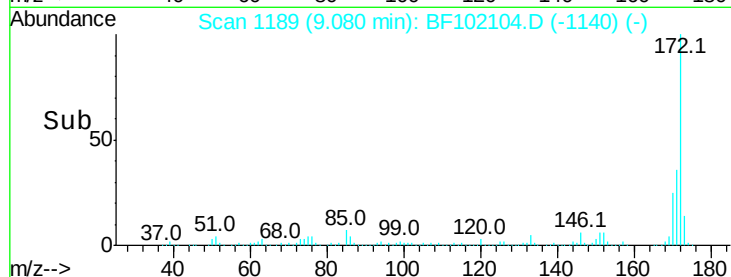
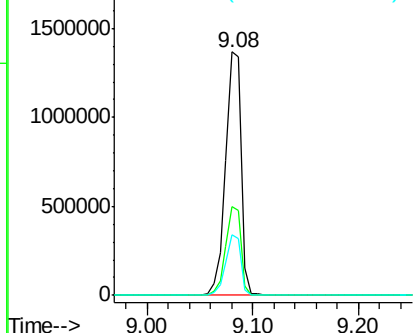
#44
2-Fluorobiphenyl
Concen: 76.806 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102104.D
Acq: 16 Jan 2018 12:54

Instrument :
BNA_F
ClientSampleId :
SB-20-3.0-3.5

Tot Ion:172 Resp: 1407897
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.7 19.6 29.4

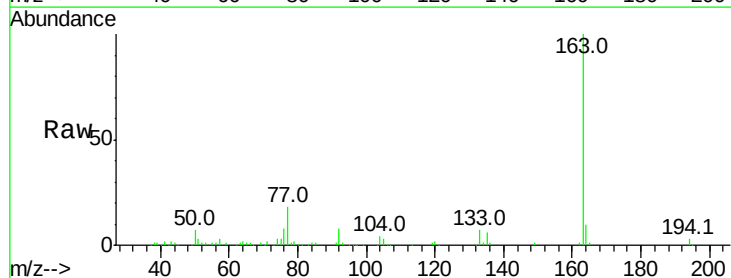


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

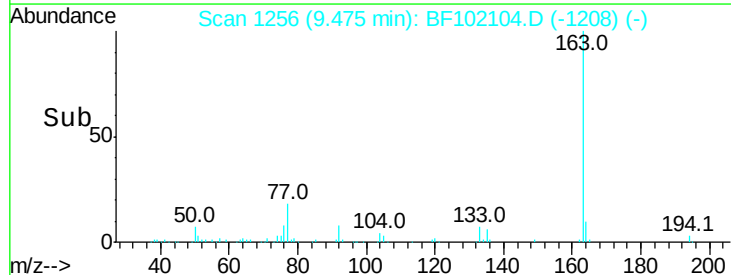
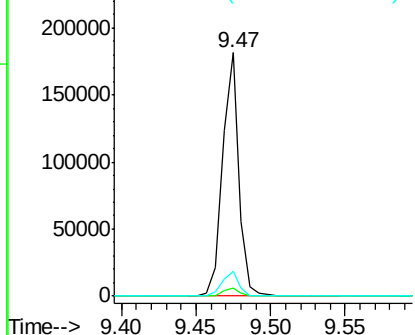


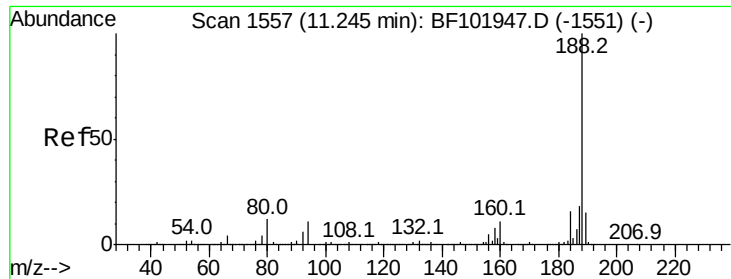
#49
Dimethylphthalate
Concen: 6.112 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102104.D
Acq: 16 Jan 2018 12:54

Tgt Ion:163 Resp: 140421
Ion Ratio Lower Upper
163 100
194 3.1 2.7 4.1
164 10.4 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF102104.D

Acq: 16 Jan 2018 12:54

Instrument :

BNA_F

ClientSampleId :

SB-20-3.0-3.5

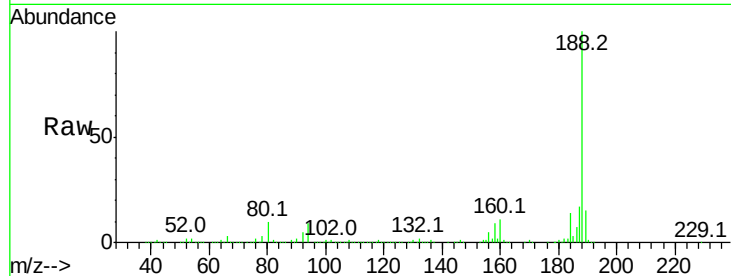
Tot Ion:188 Resp: 444706

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

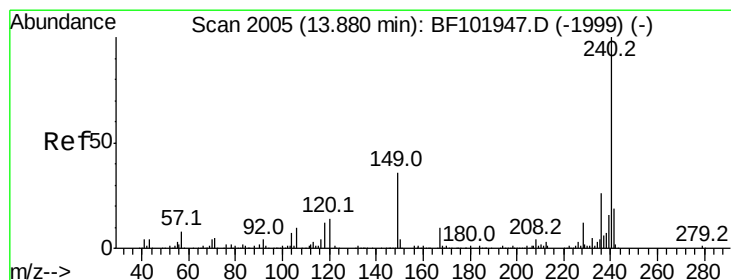
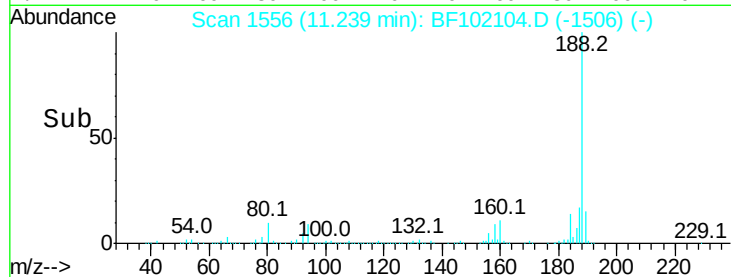
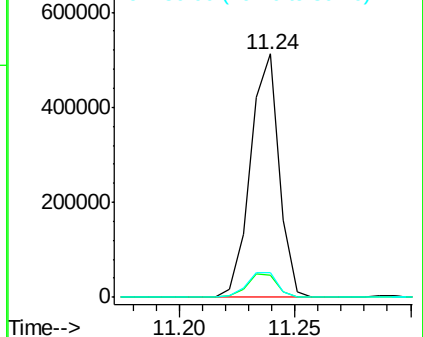
80 9.9 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102104.D

Acq: 16 Jan 2018 12:54

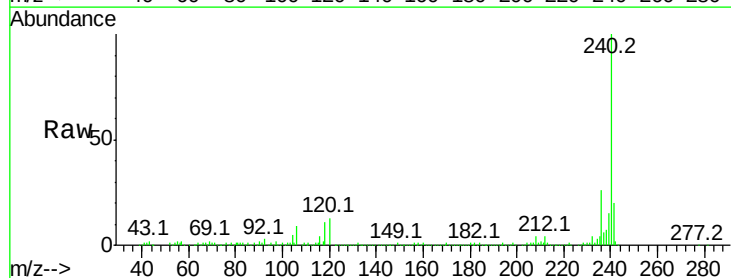
Tgt Ion:240 Resp: 302134

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

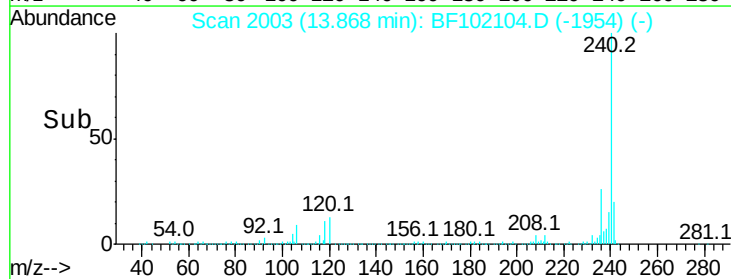
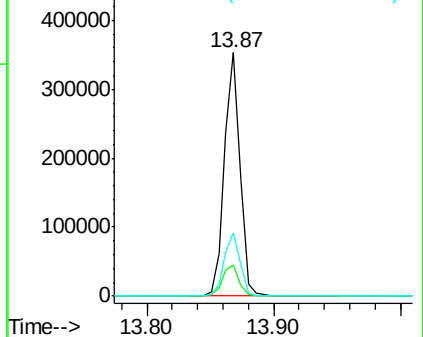
236 26.2 20.7 31.1

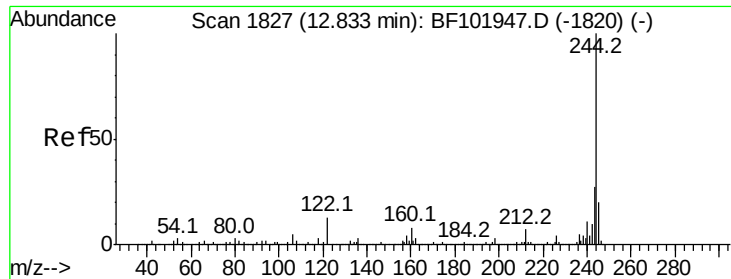


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

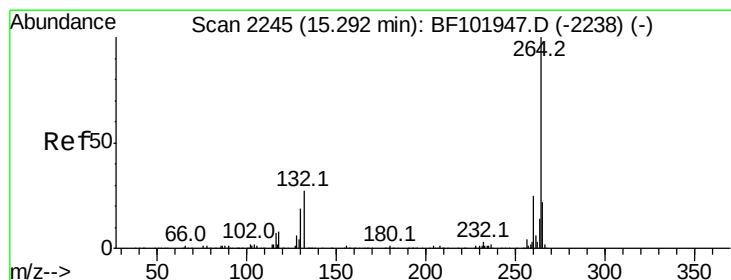
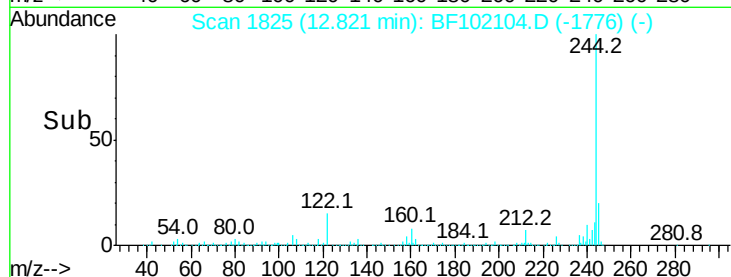
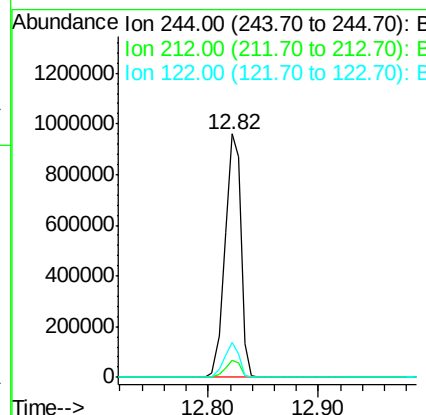
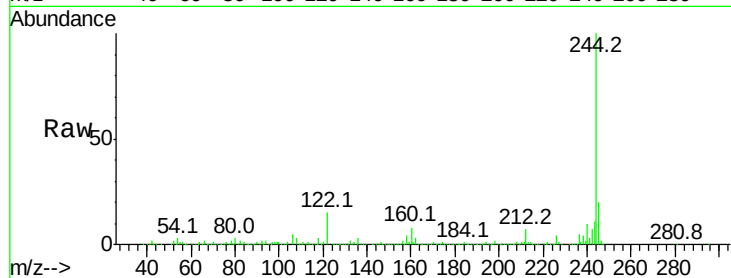




#78
 Terphenyl-d14
 Concen: 66.449 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102104.D
 Acq: 16 Jan 2018 12:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-3.0-3.5

Tot Ion:244 Resp: 966947
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF102104.D
 Acq: 16 Jan 2018 12:54

Tgt Ion:264 Resp: 264430
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 17.5 26.3

