

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091770.D
 Acq On : 19 Dec 2016 7:36
 Operator : UM/SJ
 Sample : H5940-09
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Quant Time: Dec 19 17:21:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

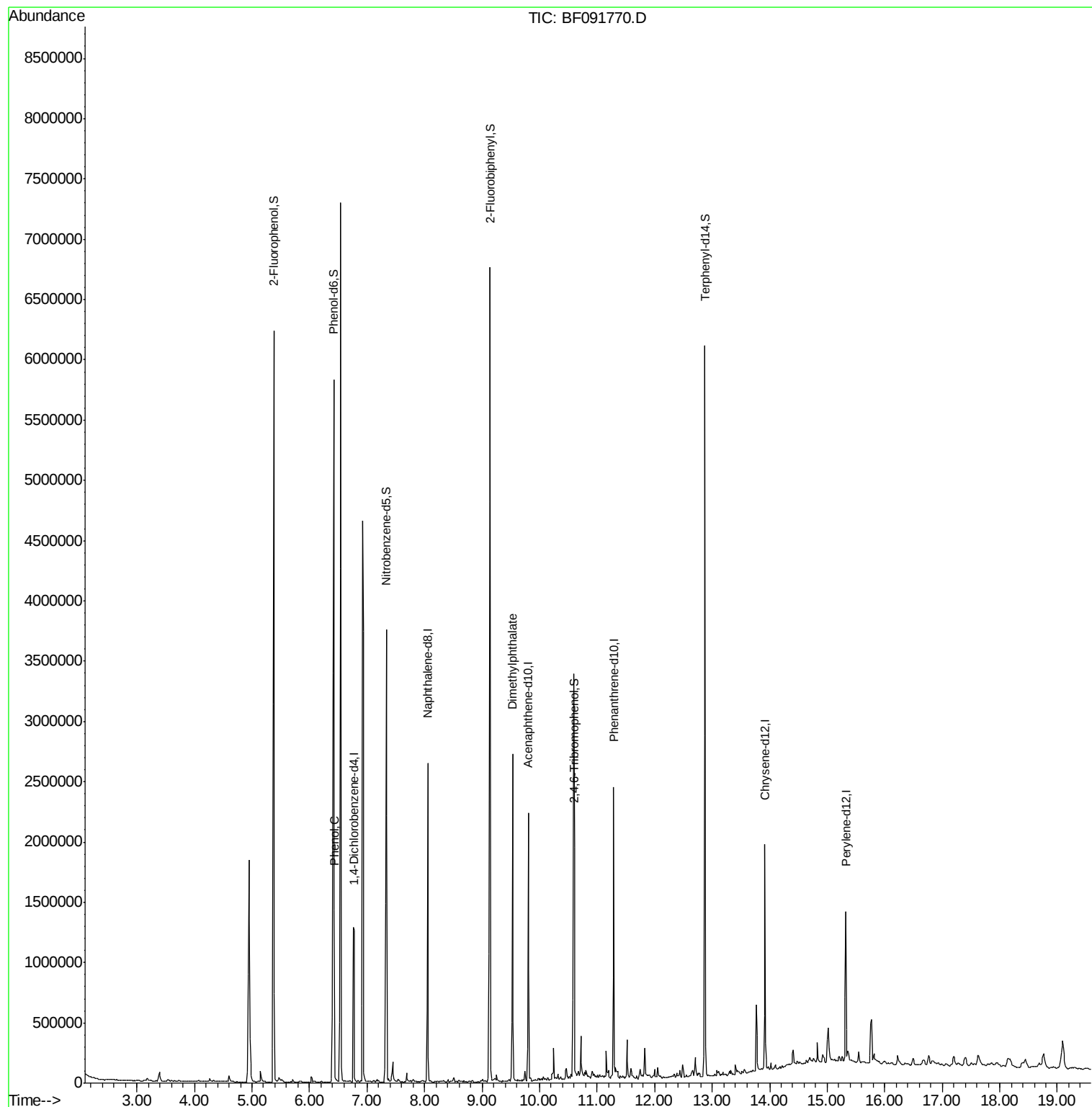
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	289361	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1181197	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	552467	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	930296	20.00	ng	0.00
75) Chrysene-d12	13.92	240	612690	20.00	ng	-0.01
86) Perylene-d12	15.32	264	546075	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2007298	116.22	ng	0.01
7) Phenol-d6	6.42	99	2621351	124.45	ng	0.00
23) Nitrobenzene-d5	7.33	82	1834586	89.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	551583	117.74	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	2912925	105.93	ng	0.00
78) Terphenyl-d14	12.88	244	2053009	84.61	ng	0.00
Target Compounds						
10) Phenol	6.43	94	74936	3.16	ng	83
49) Dimethylphthalate	9.53	163	1137094	31.51	ng	98

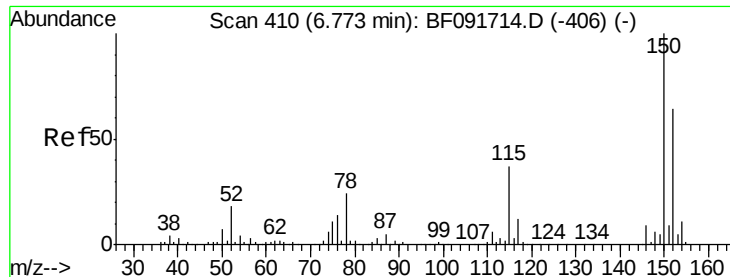
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF091770.D

Acq: 19 Dec 2016 7:36

Instrument :

BNA_F

ClientSampleId :

SS05-1FT

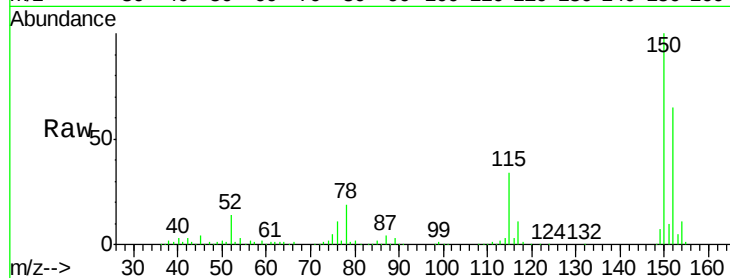
Tot Ion:152 Resp: 289361

Ion Ratio Lower Upper

152 100

150 154.6 124.9 187.3

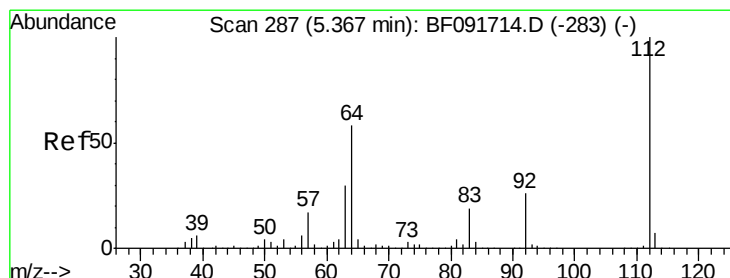
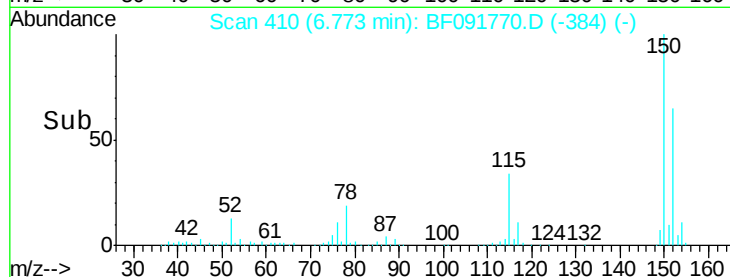
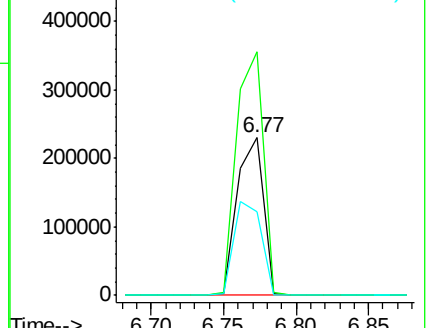
115 53.0 46.0 69.0



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: 116.22 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091770.D

Acq: 19 Dec 2016 7:36

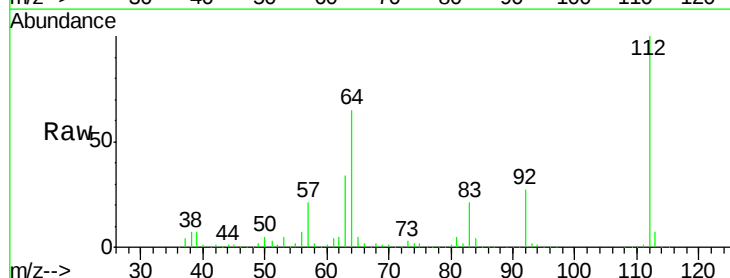
Tgt Ion:112 Resp: 2007298

Ion Ratio Lower Upper

112 100

64 65.0 46.1 69.1

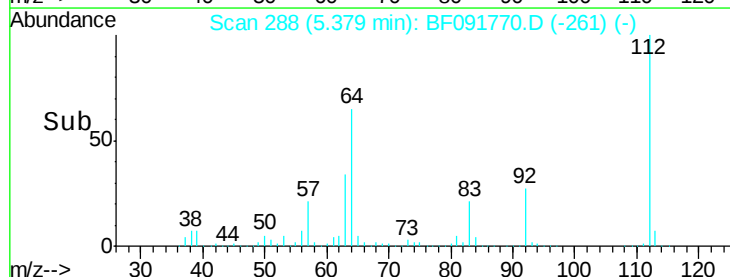
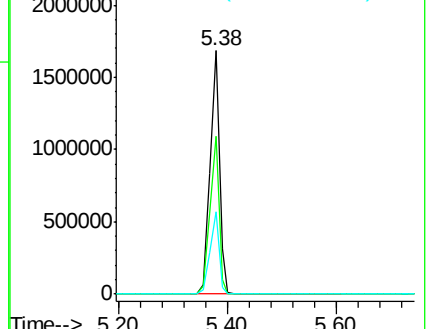
63 33.8 23.8 35.6

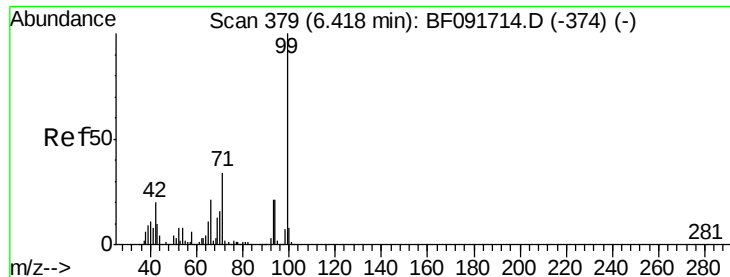


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 124.45 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091770.D

Acq: 19 Dec 2016 7:36

Instrument :

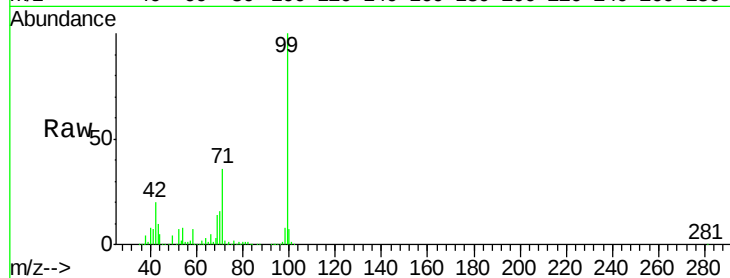
BNA_F

ClientSampleId :

SS05-1FT

Tot Ion: 99 Resp: 2621351

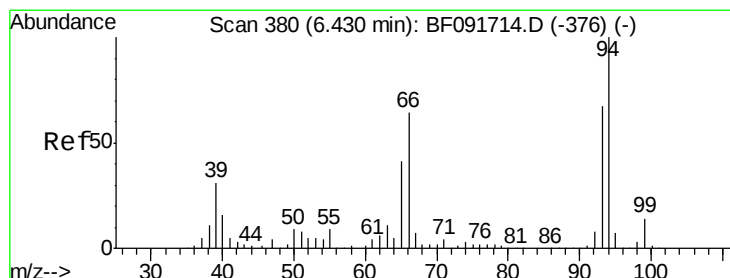
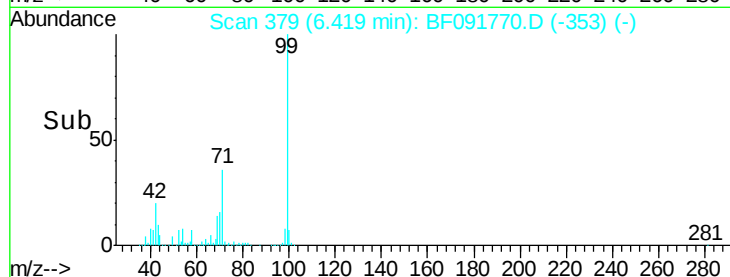
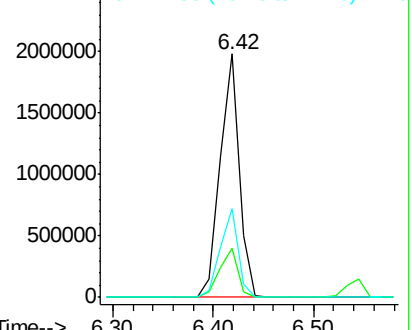
Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	36.4	27.5	41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.16 ng

RT: 6.43 min Scan# 380

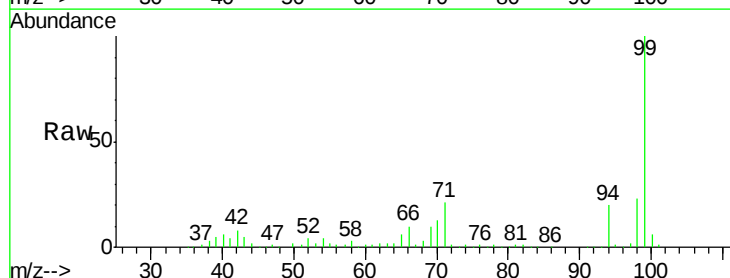
Delta R.T. 0.00 min

Lab File: BF091770.D

Acq: 19 Dec 2016 7:36

Tgt Ion: 94 Resp: 74936

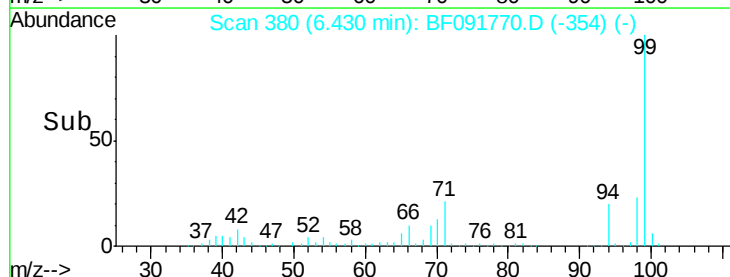
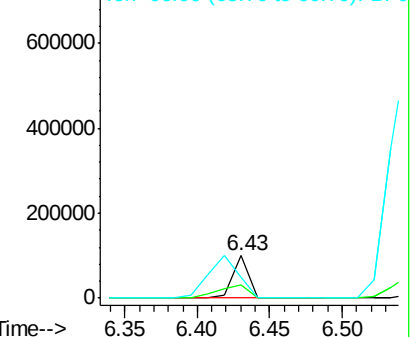
Ion	Ratio	Lower	Upper
94	100		
65	31.2	21.4	61.4
66	50.8	44.0	84.0

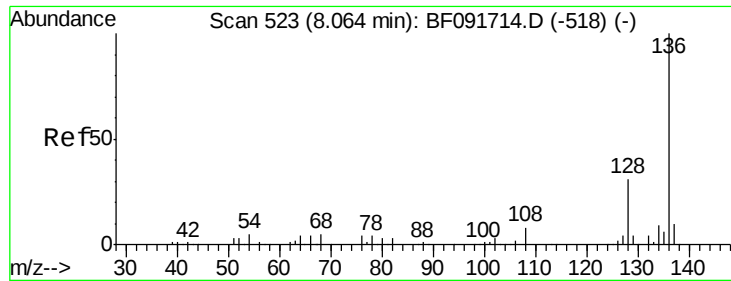


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

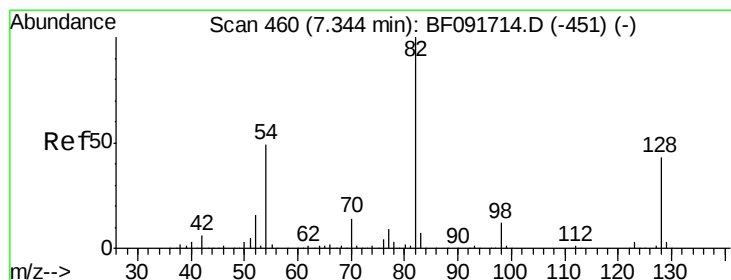
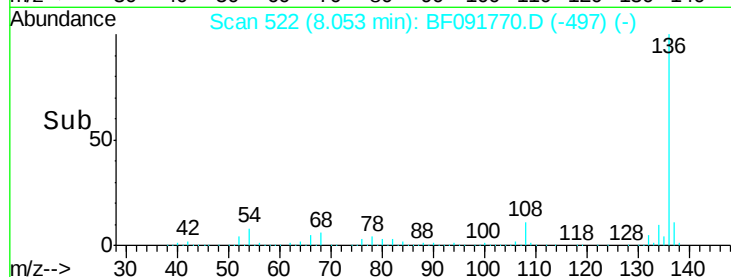
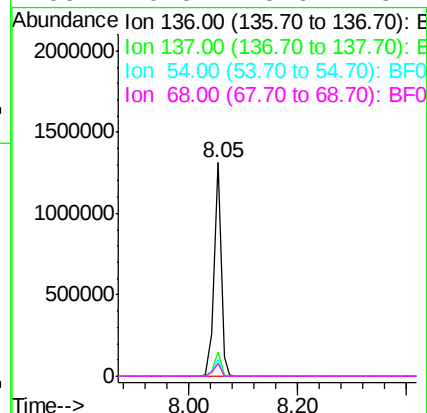
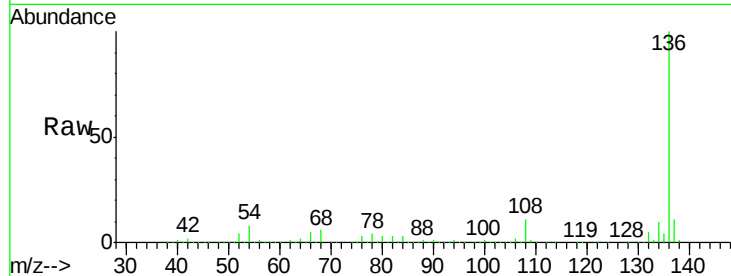




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091770.D
Acq: 19 Dec 2016 7:36

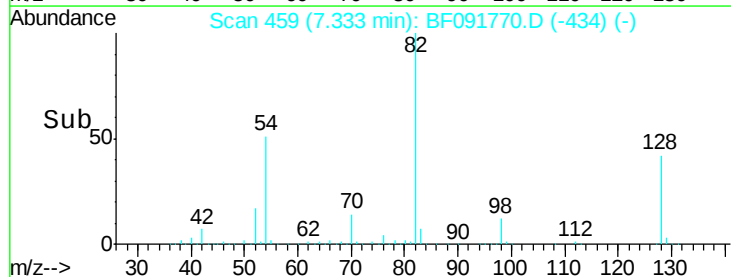
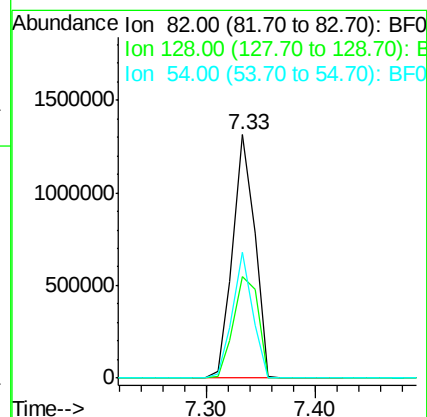
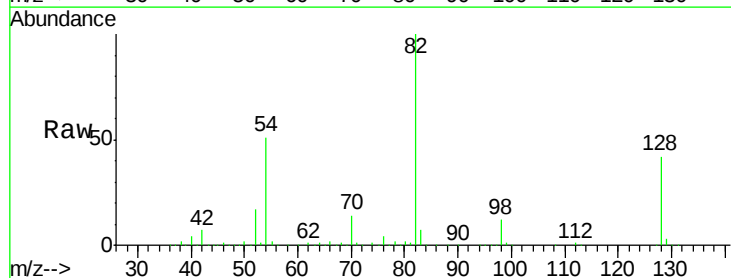
Instrument :
BNA_F
ClientSampleId :
SS05-1FT

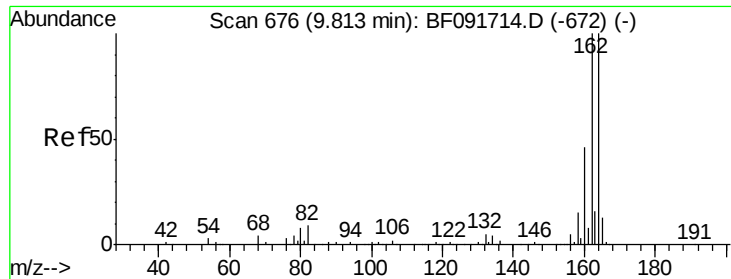
Tot Ion:136 Resp: 1181197
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.9 4.5 6.7#
68 6.3 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 89.57 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091770.D
Acq: 19 Dec 2016 7:36

Tgt Ion: 82 Resp: 1834586
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 51.4 39.5 59.3

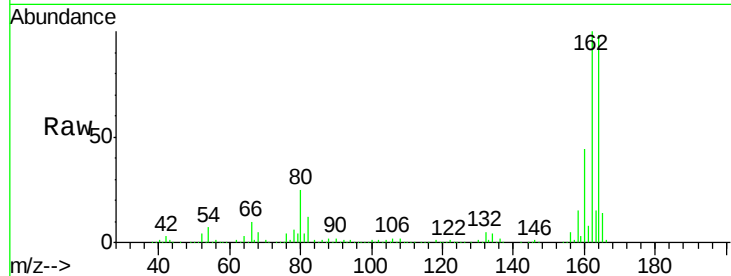




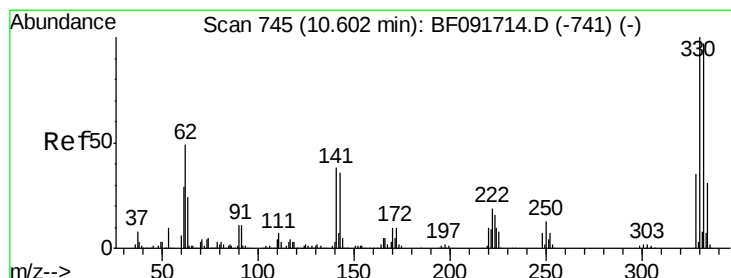
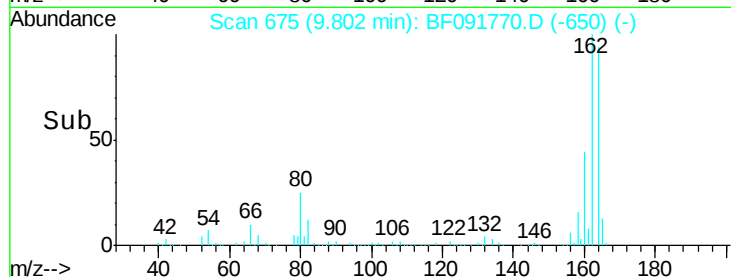
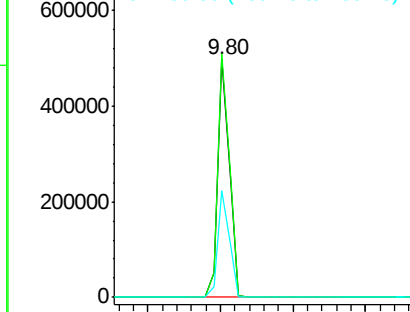
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF091770.D
Acq: 19 Dec 2016 7:36

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	45.0	36.9	55.3

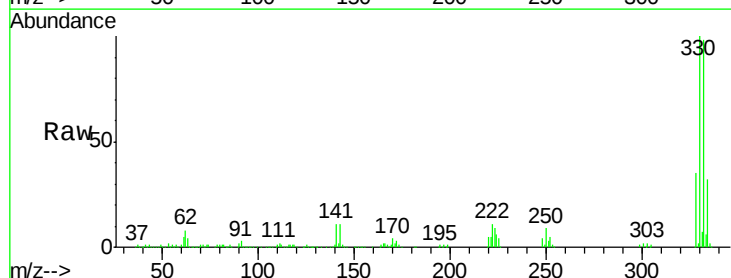


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

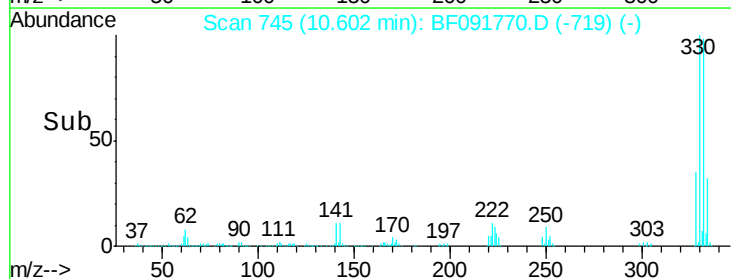
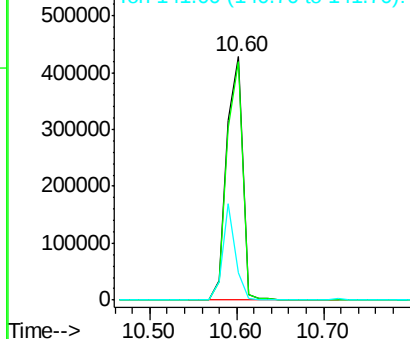


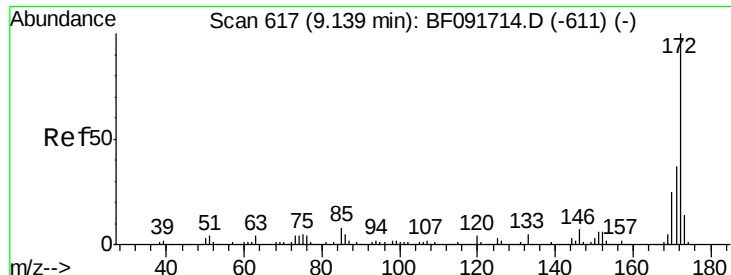
#41
2,4,6-Tribromophenol
Concen: 117.74 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF091770.D
Acq: 19 Dec 2016 7:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	32.4	34.1	51.1#



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

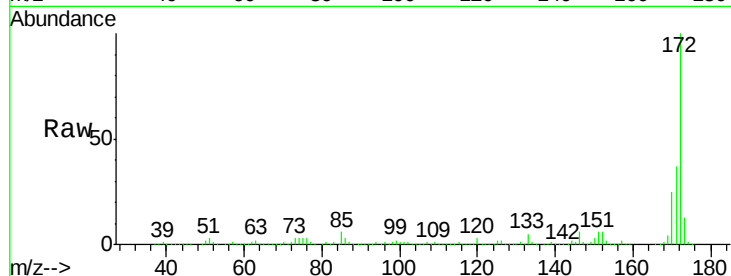




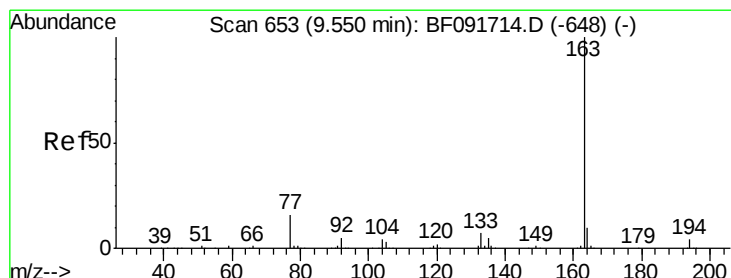
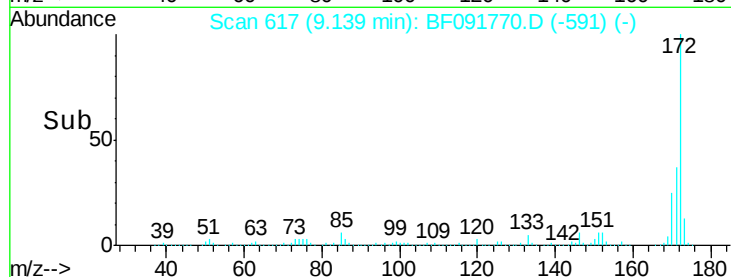
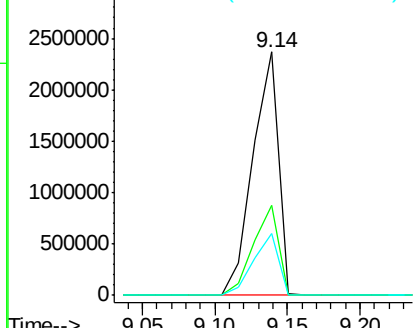
#44
 2-Fluorobiphenyl
 Concen: 105.93 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF091770.D
 Acq: 19 Dec 2016 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Tot Ion:172 Resp: 2912925
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.2 20.2 30.4

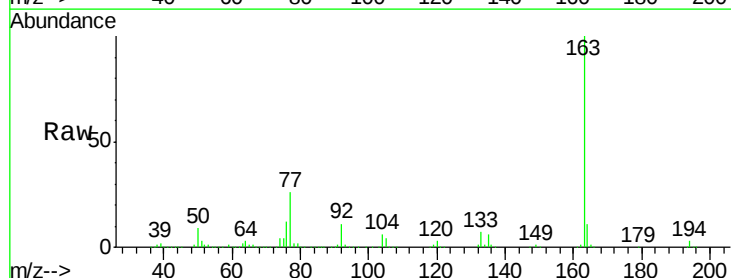


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

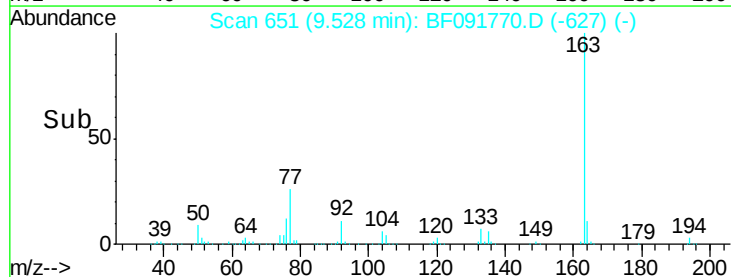
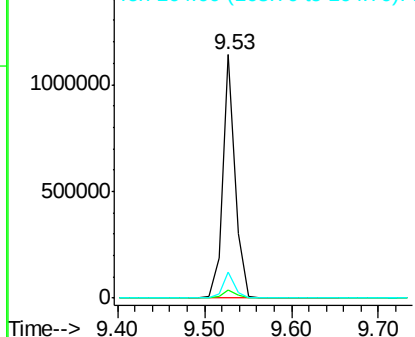


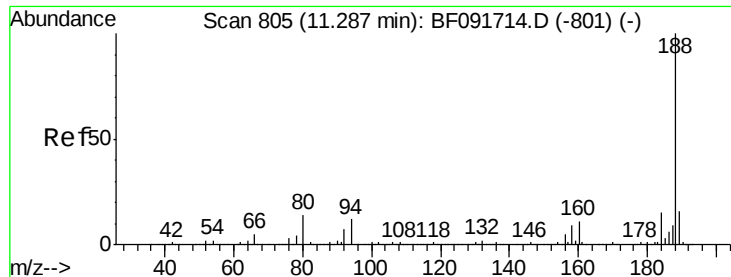
#49
 Dimethylphthalate
 Concen: 31.51 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF091770.D
 Acq: 19 Dec 2016 7:36

Tgt Ion:163 Resp: 1137094
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.8 8.0 12.0



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

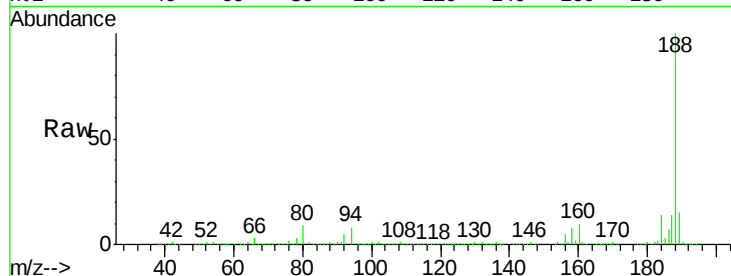




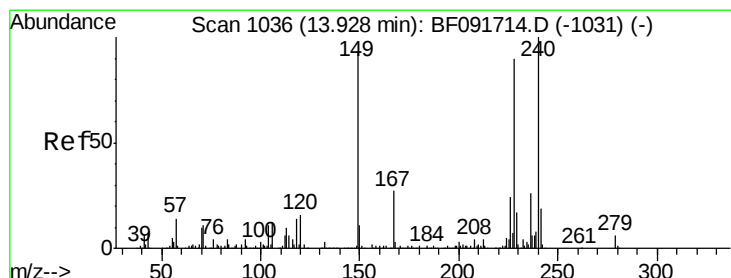
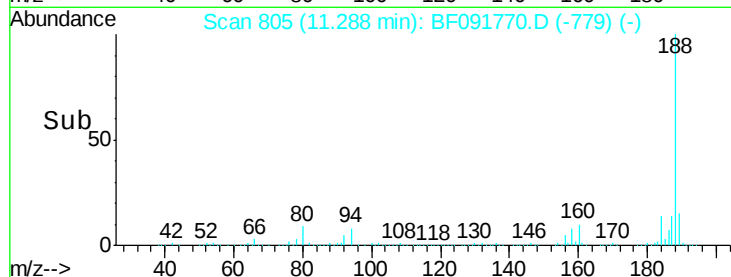
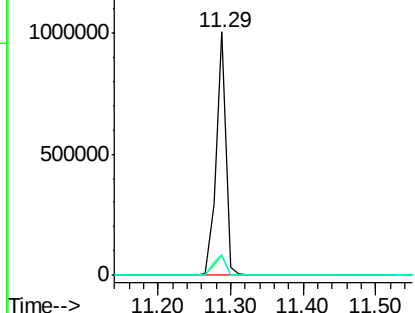
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF091770.D
Acq: 19 Dec 2016 7:36

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tot Ion:188 Resp: 930296
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.6 11.2 16.8#

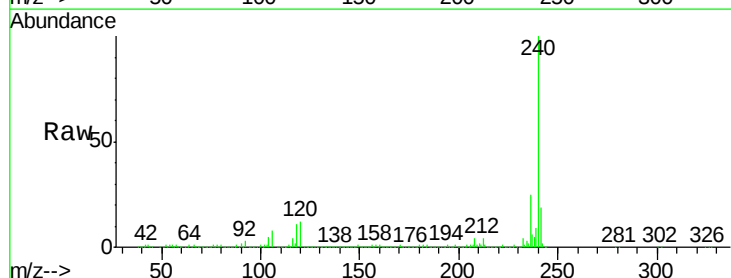


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

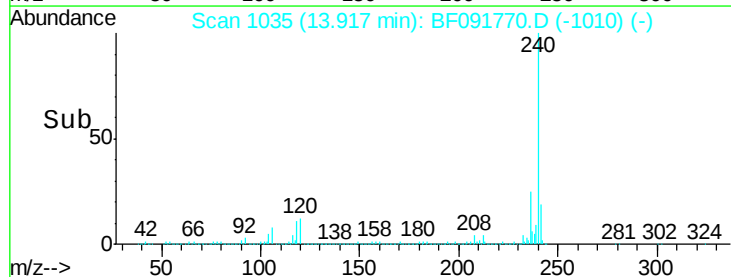
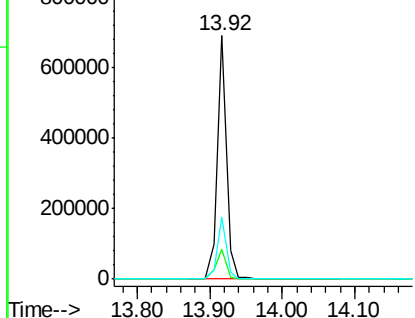


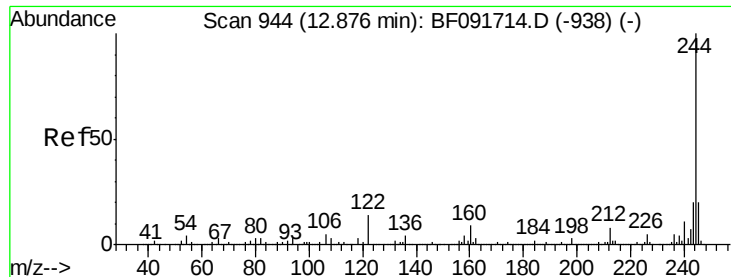
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF091770.D
Acq: 19 Dec 2016 7:36

Tgt Ion:240 Resp: 612690
Ion Ratio Lower Upper
240 100
120 12.2 12.9 19.3#
236 25.2 20.9 31.3



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

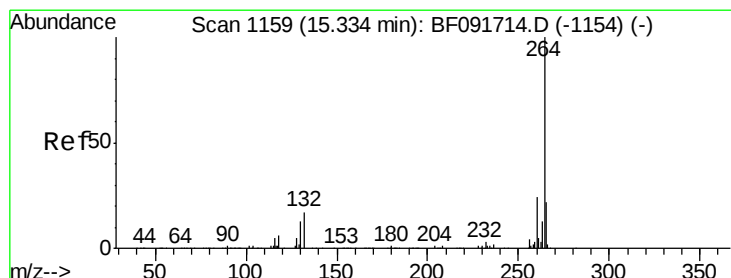
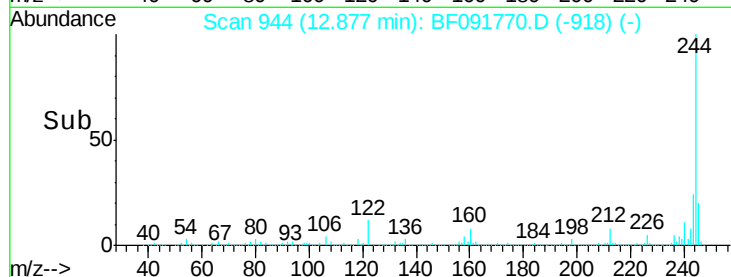
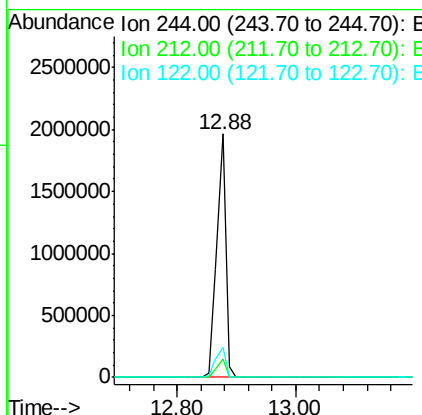
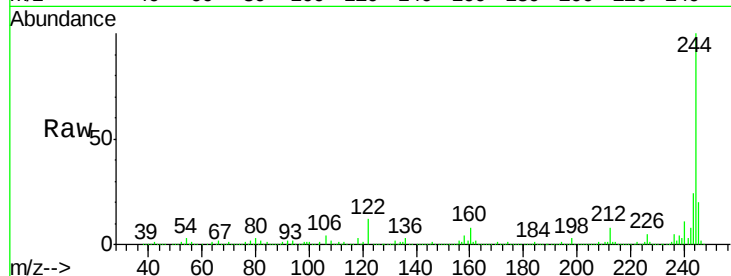




#78
 Terphenyl-d14
 Concen: 84.61 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF091770.D
 Acq: 19 Dec 2016 7:36

Instrument :
 BNA_F
 ClientSampleId :
 SS05-1FT

Tot Ion:244 Resp: 2053009
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.1 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091770.D
 Acq: 19 Dec 2016 7:36

Tgt Ion:264 Resp: 546075
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.1 17.4 26.0

