

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
 Data File : BF084269.D
 Acq On : 5 Jan 2016 6:54
 Operator : UM/SJ
 Sample : G4987-02
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITE

Quant Time: Jan 05 07:36:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

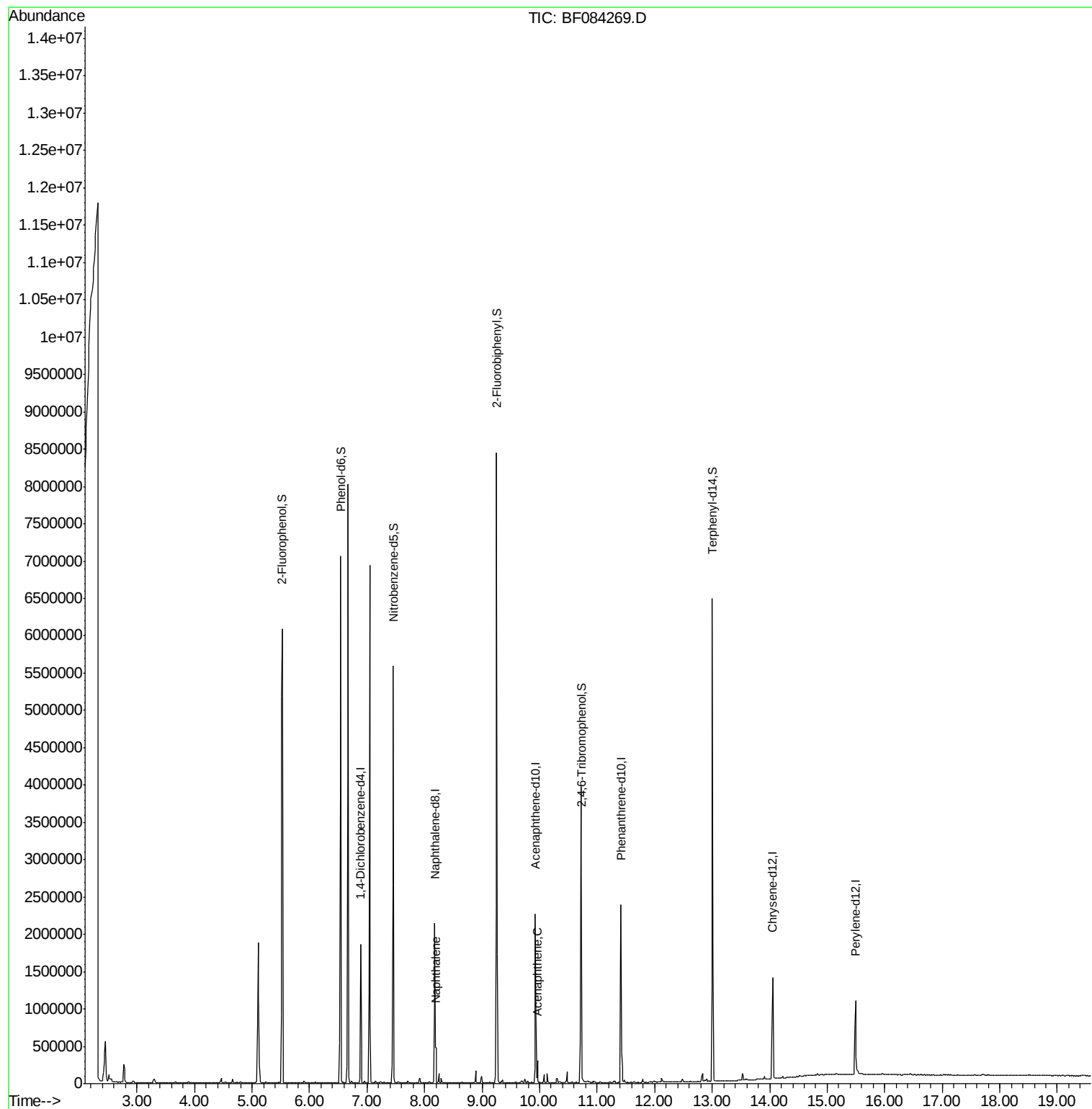
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	253105	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1108932	20.00	ng	-0.01
38) Acenaphthene-d10	9.93	164	478766	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	792088	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	552721	20.00	ng	-0.01
86) Perylene-d12	15.49	264	536755	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2270514	145.10	ng	0.04
7) Phenol-d6	6.54	99	2611752	132.89	ng	0.01
23) Nitrobenzene-d5	7.46	82	1900318	95.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	684585	141.63	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	2730550	101.56	ng	-0.01
78) Terphenyl-d14	13.00	244	2017726	81.49	ng	-0.01
Target Compounds						
31) Naphthalene	8.20	128	317170	6.30	ng	97
51) Acenaphthene	9.96	154	60907	2.06	ng	96

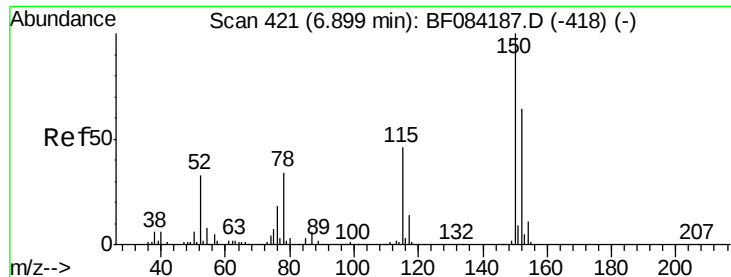
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 05 07:36:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084269.D

Acq: 5 Jan 2016 6:54

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

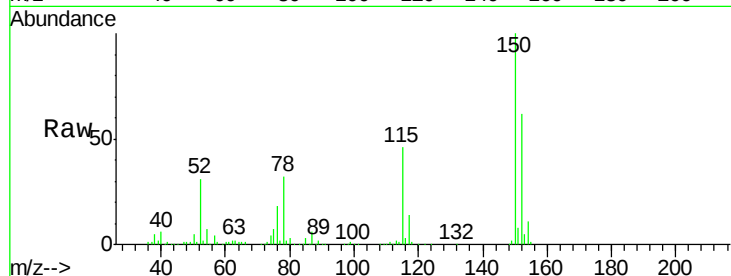
Tot Ion:152 Resp: 253105

Ion Ratio Lower Upper

152 100

150 160.6 123.0 184.4

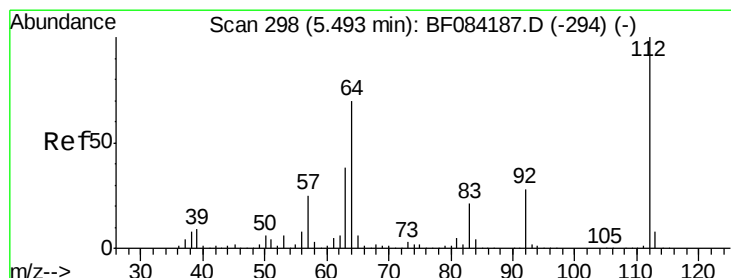
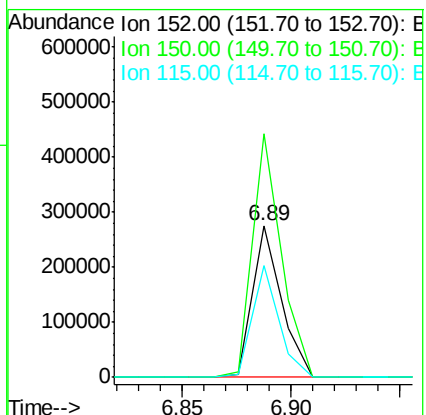
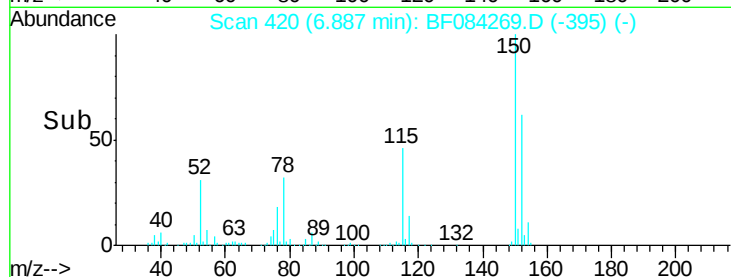
115 73.8 51.4 77.2



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: 145.10 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.04 min

Lab File: BF084269.D

Acq: 5 Jan 2016 6:54

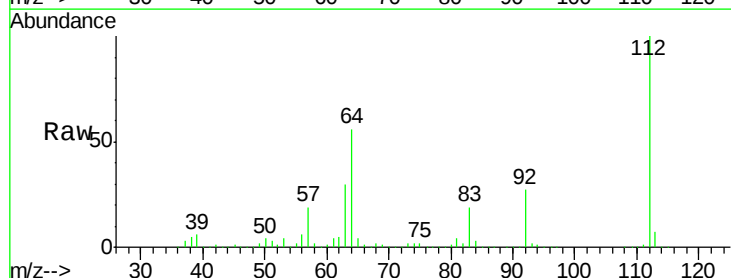
Tgt Ion:112 Resp: 2270514

Ion Ratio Lower Upper

112 100

64 56.3 36.6 55.0#

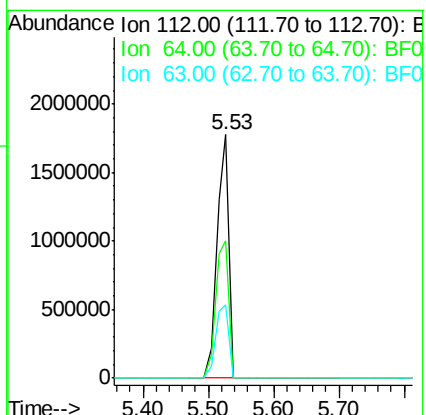
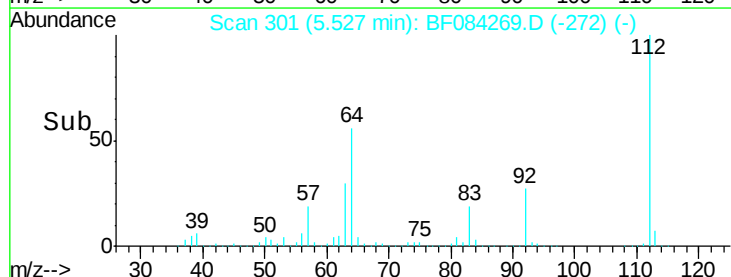
63 30.2 19.4 29.0#

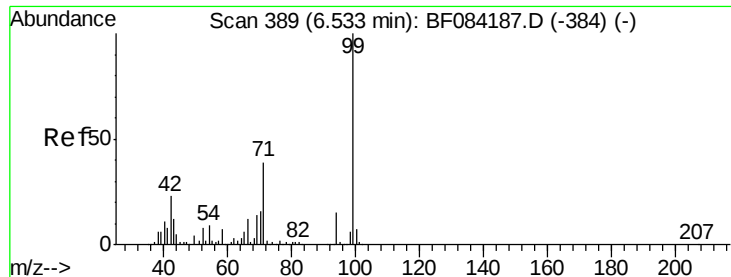


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.89 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF084269.D

Acq: 5 Jan 2016 6:54

Instrument :

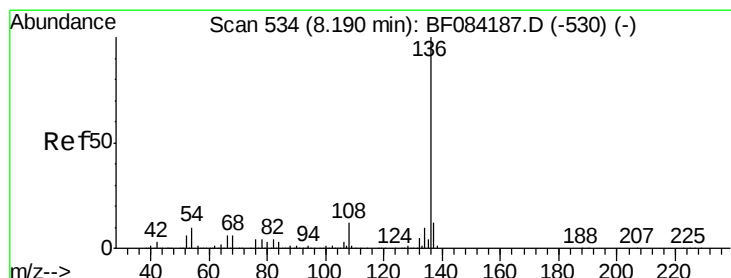
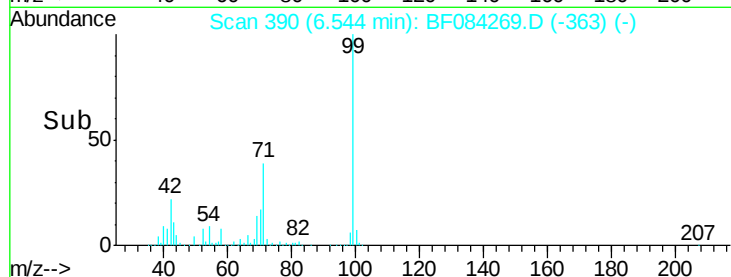
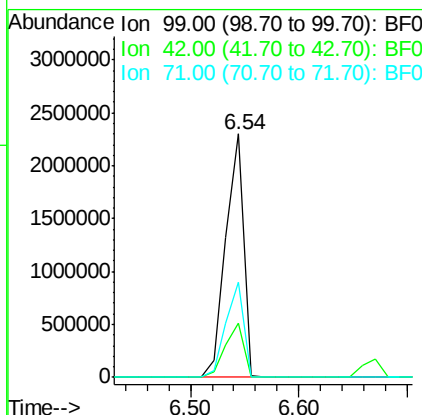
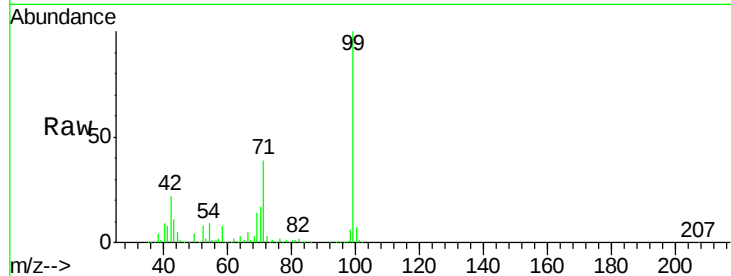
BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

Tot Ion: 99 Resp: 2611752

Ion	Ratio	Lower	Upper
99	100		
42	22.3	12.8	19.2#
71	39.1	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

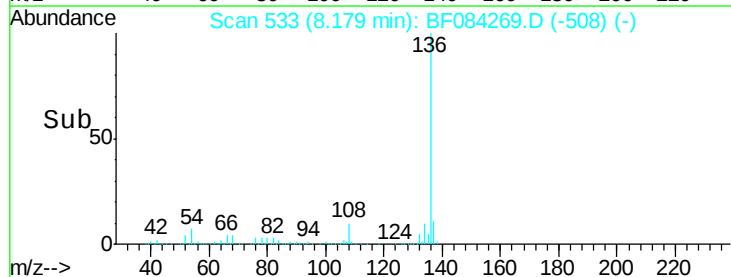
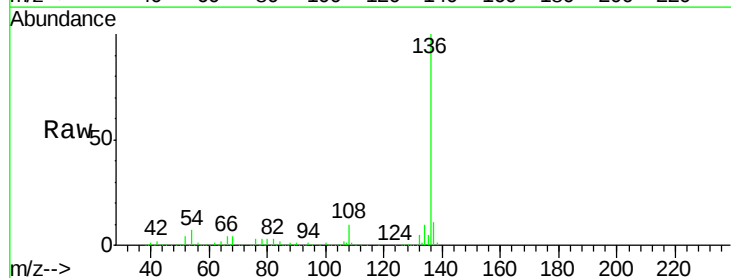
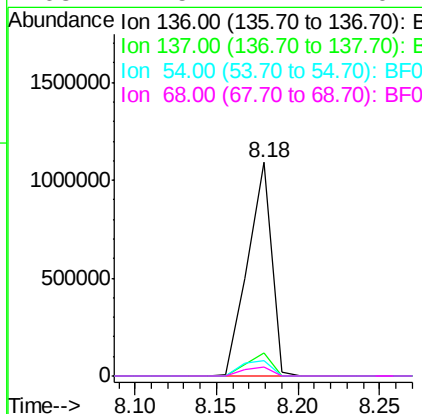
Delta R.T. -0.01 min

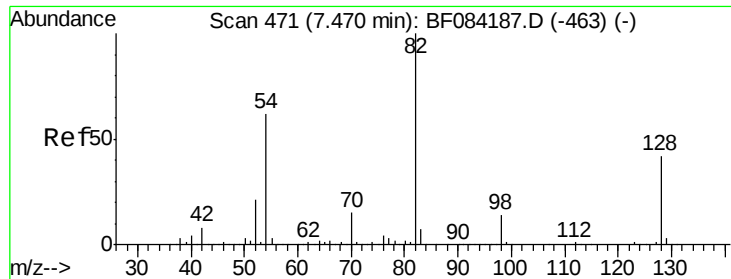
Lab File: BF084269.D

Acq: 5 Jan 2016 6:54

Tgt Ion: 136 Resp: 1108932

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	5.8	8.8
68	4.5	4.2	6.2

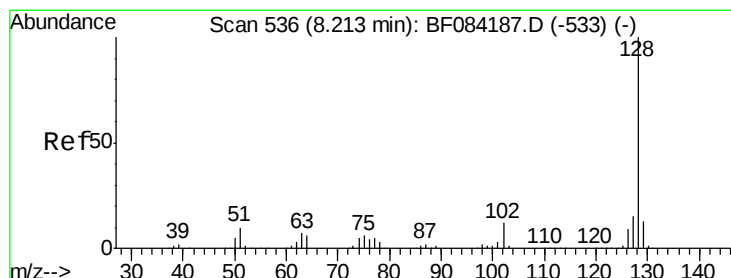
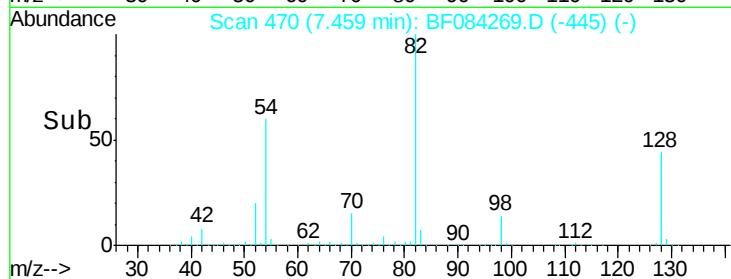
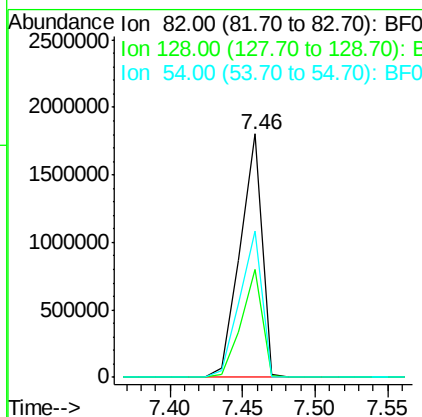
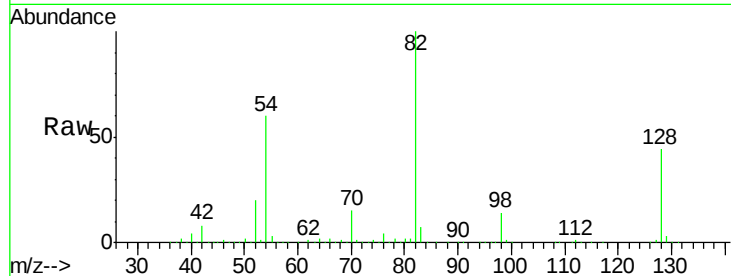




#23
Nitrobenzene-d5
Concen: 95.37 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF084269.D
Acq: 5 Jan 2016 6:54

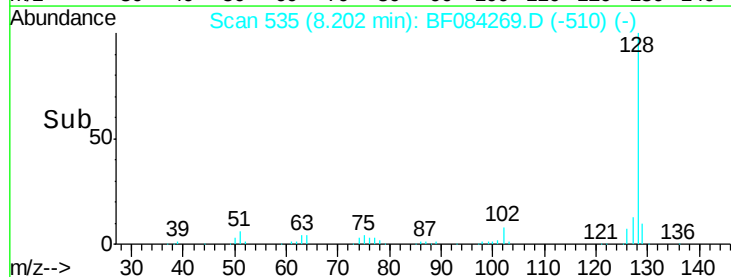
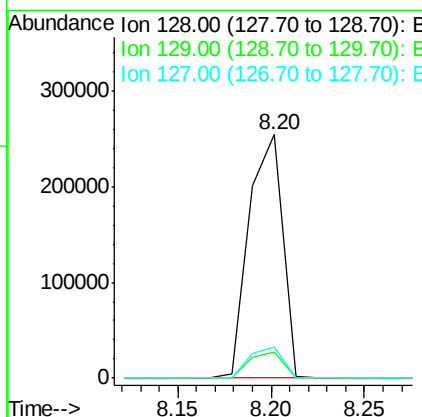
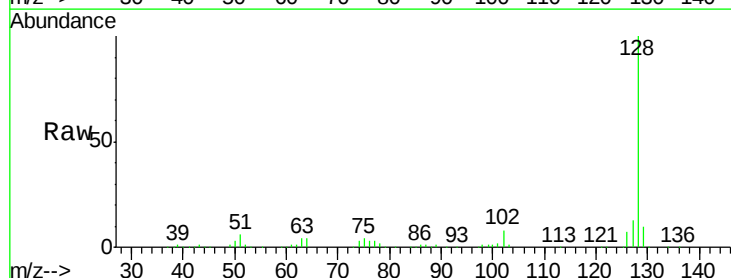
Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITE

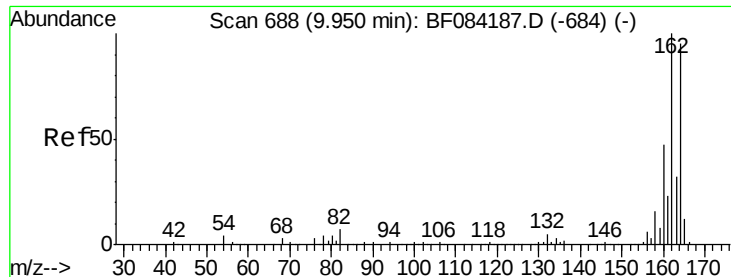
Tot Ion: 82 Resp: 1900318
Ion Ratio Lower Upper
82 100
128 44.1 34.6 51.8
54 60.3 38.4 57.6#



#31
Naphthalene
Concen: 6.30 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF084269.D
Acq: 5 Jan 2016 6:54

Tgt Ion: 128 Resp: 317170
Ion Ratio Lower Upper
128 100
129 10.4 9.1 13.7
127 12.7 11.1 16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF084269.D

Acq: 5 Jan 2016 6:54

Instrument :

BNA_F

ClientSampleId :

DRUM(116-142)COMPOSITE

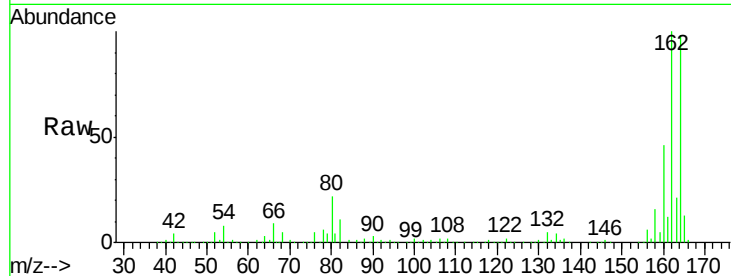
Tot Ion:164 Resp: 478766

Ion Ratio Lower Upper

164 100

162 101.6 85.1 127.7

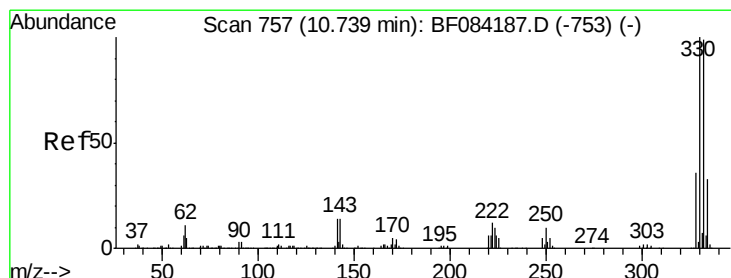
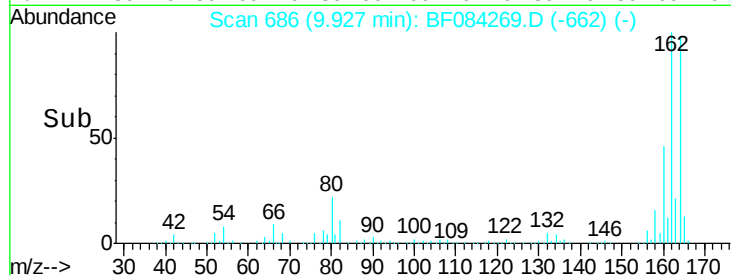
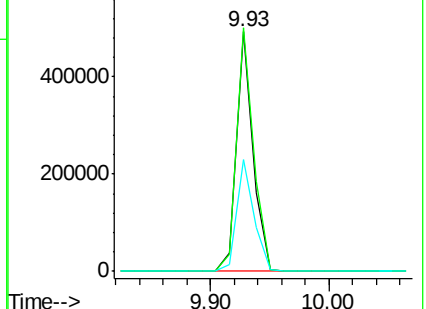
160 46.5 37.5 56.3



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: 141.63 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF084269.D

Acq: 5 Jan 2016 6:54

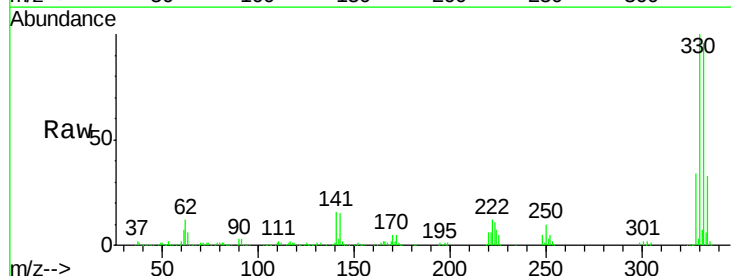
Tgt Ion:330 Resp: 684585

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

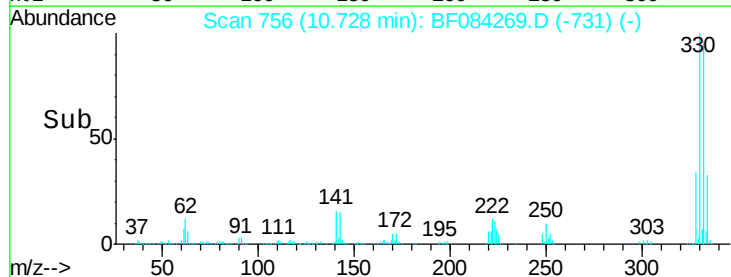
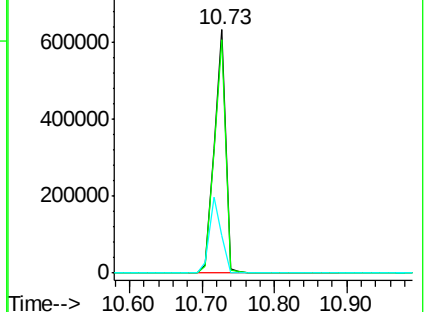
141 32.9 27.8 41.6

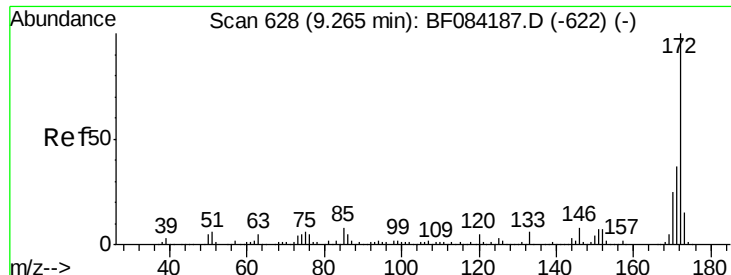


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

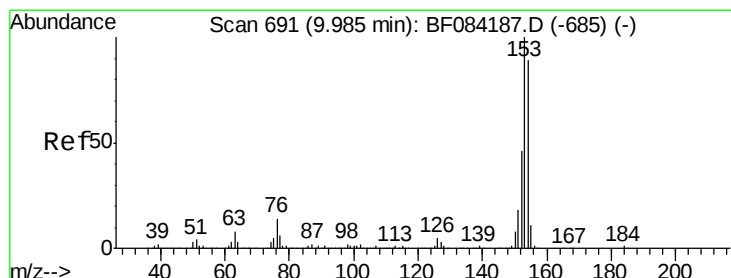
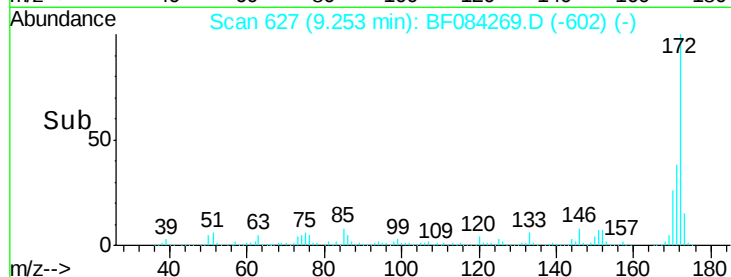
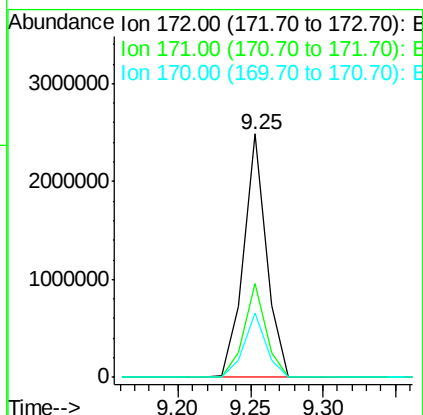
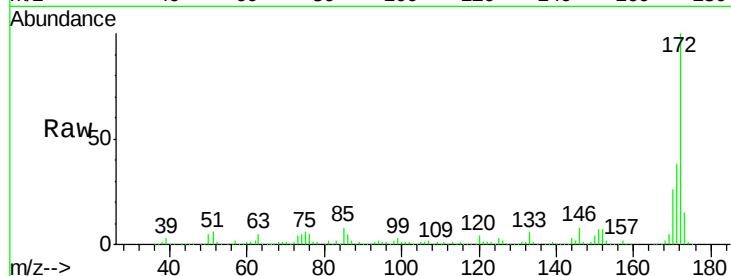




#44
 2-Fluorobiphenyl
 Concen: 101.56 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF084269.D
 Acq: 5 Jan 2016 6:54

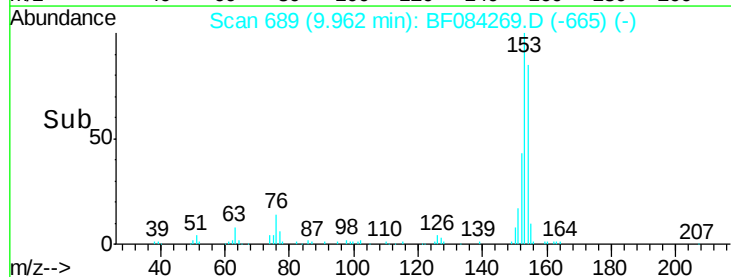
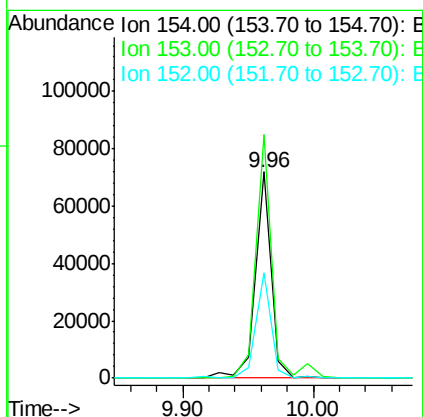
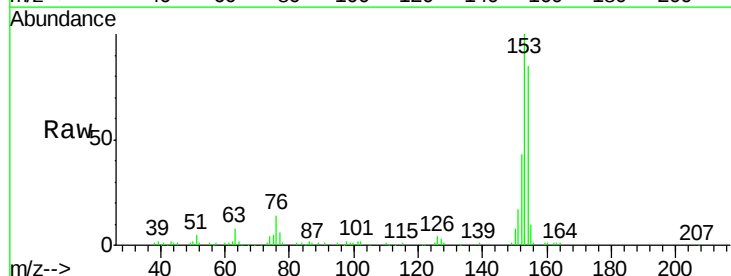
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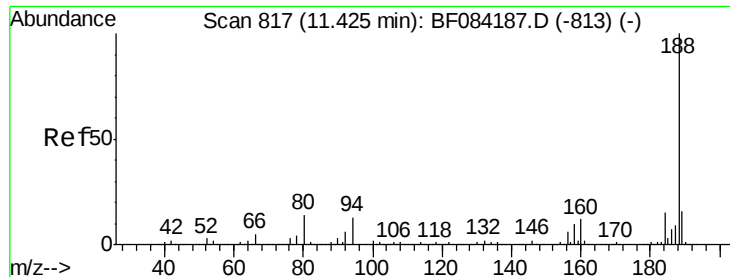
Tot Ion:172 Resp: 2730550
 Ion Ratio Lower Upper
 172 100
 171 38.4 28.9 43.3
 170 26.4 18.6 27.8



#51
 Acenaphthene
 Concen: 2.06 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF084269.D
 Acq: 5 Jan 2016 6:54

Tgt Ion:154 Resp: 60907
 Ion Ratio Lower Upper
 154 100
 153 118.0 91.5 137.3
 152 50.8 43.0 64.6

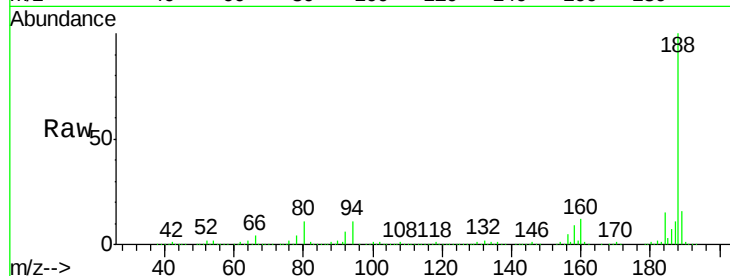




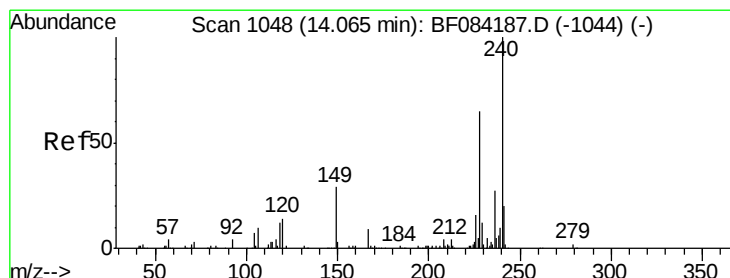
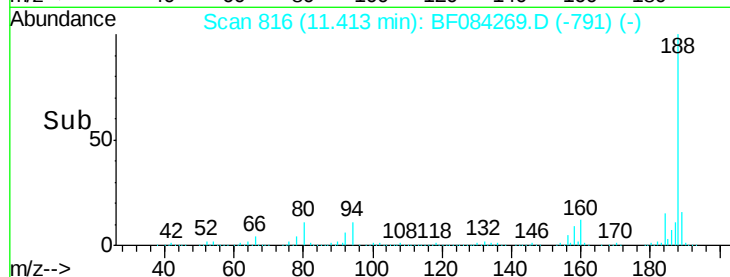
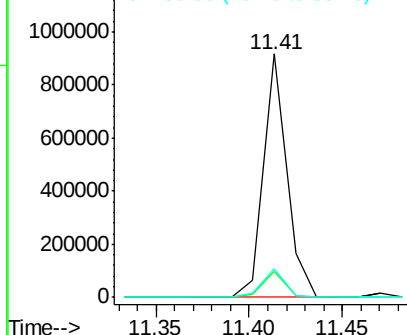
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF084269.D
Acq: 5 Jan 2016 6:54

Instrument :
BNA_F
ClientSampleId :
DRUM(116-142)COMPOSITE

Tot Ion:188 Resp: 792088
Ion Ratio Lower Upper
188 100
94 10.9 9.0 13.4
80 11.5 9.6 14.4

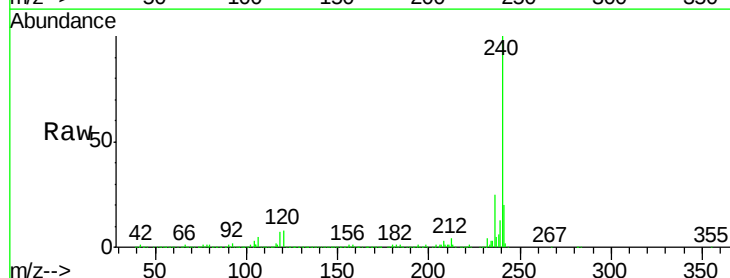


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

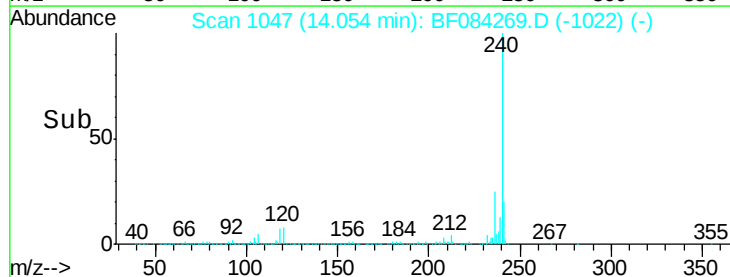
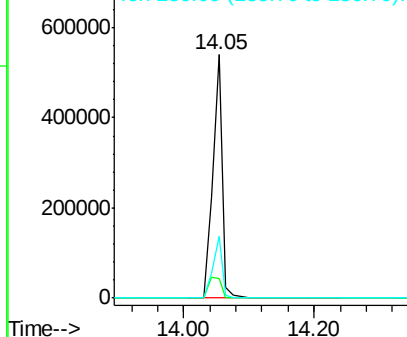


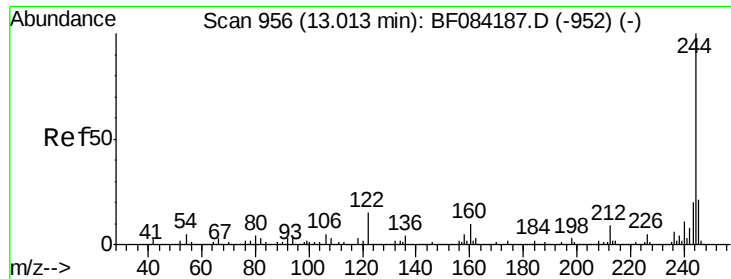
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF084269.D
Acq: 5 Jan 2016 6:54

Tgt Ion:240 Resp: 552721
Ion Ratio Lower Upper
240 100
120 8.2 9.5 14.3#
236 25.3 20.6 31.0



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

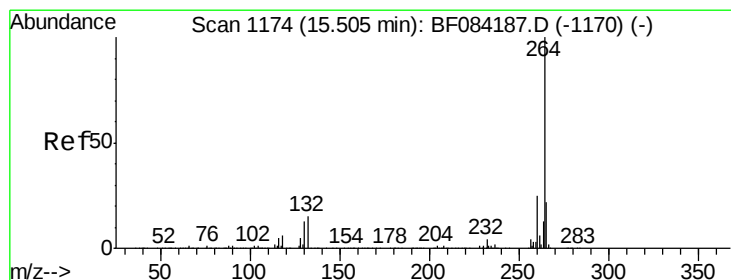
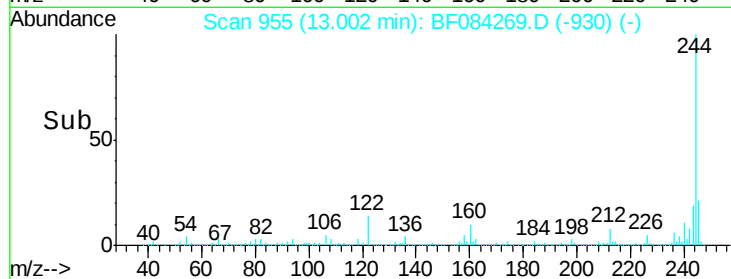
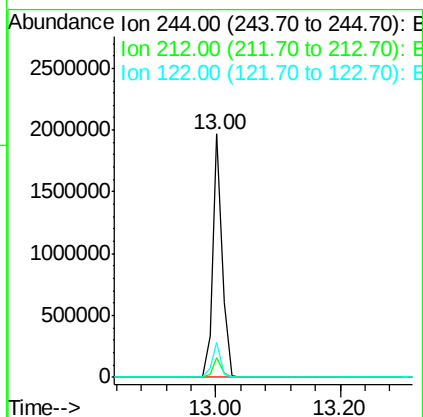
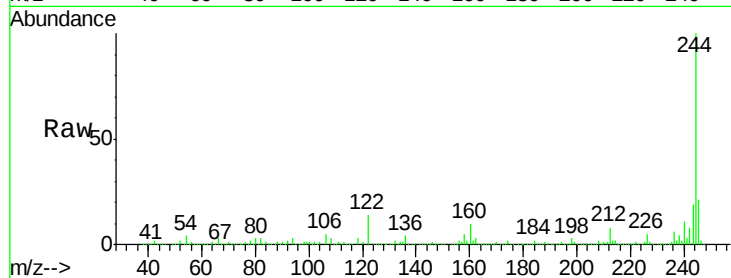




#78
 Terphenyl-d14
 Concen: 81.49 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BF084269.D
 Acq: 5 Jan 2016 6:54

Instrument :
 BNA_F
 ClientSampleId :
 DRUM(116-142)COMPOSITE

Tot Ion:244 Resp: 2017726
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 14.2 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF084269.D
 Acq: 5 Jan 2016 6:54

Tgt Ion:264 Resp: 536755
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 17.8 26.6

