

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085560.D
 Acq On : 19 Mar 2016 7:59
 Operator : UM/SJ
 Sample : H1804-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7B

Quant Time: Mar 21 01:34:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

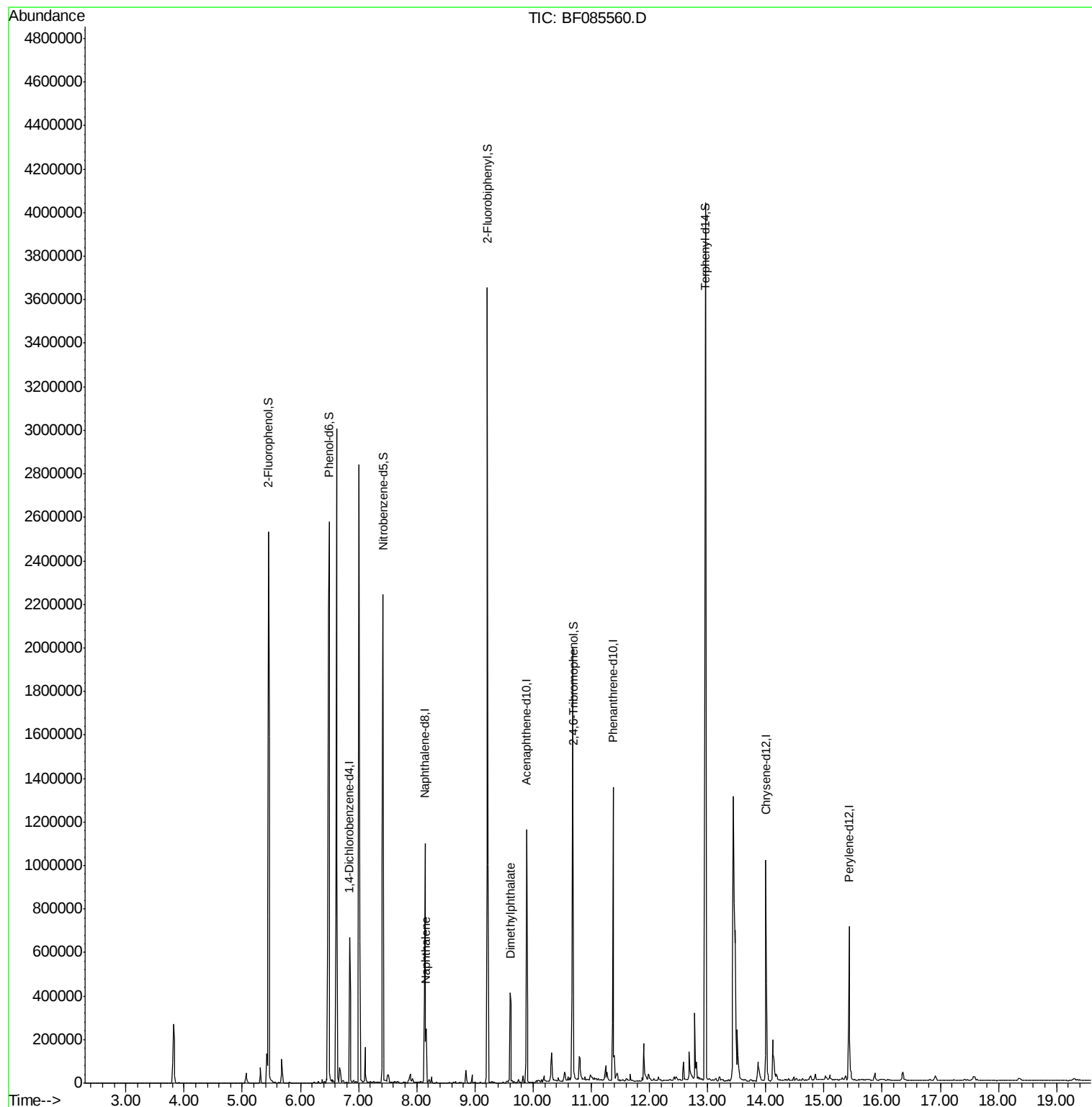
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	126299	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	532136	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	230621	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	472505	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	366238	20.00	ng	-0.01
86) Perylene-d12	15.43	264	293495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1075417	143.02	ng	0.00
7) Phenol-d6	6.49	99	1477236	153.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	837168	91.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	378898	167.72	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1347004	106.22	ng	-0.01
78) Terphenyl-d14	12.96	244	1384868	90.99	ng	0.00
Target Compounds						
31) Naphthalene	8.16	128	138968	5.17	ng	98
49) Dimethylphthalate	9.61	163	254050	14.60	ng	98

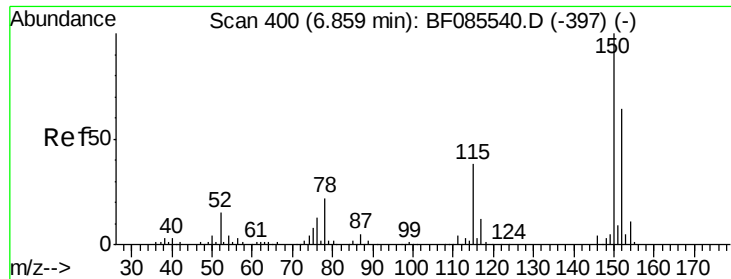
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

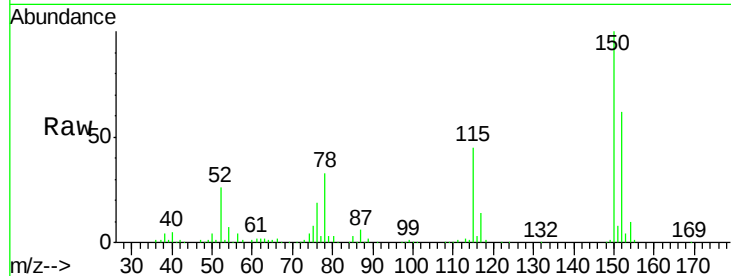
Tgt Ion:152 Resp: 126299

Ion Ratio Lower Upper

152 100

150 161.0 124.2 186.2

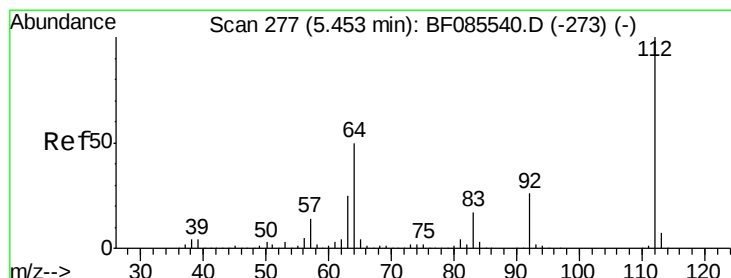
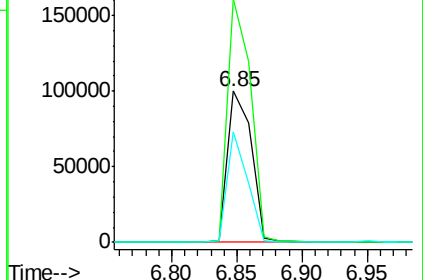
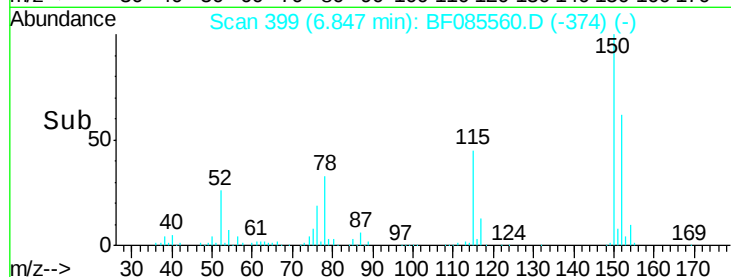
115 72.7 47.0 70.6#



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: 143.02 ng

RT: 5.45 min Scan# 277

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

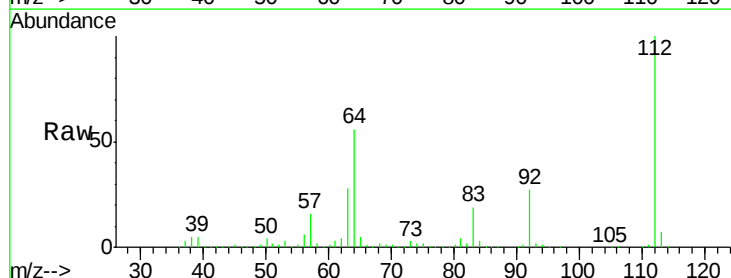
Tgt Ion:112 Resp: 1075417

Ion Ratio Lower Upper

112 100

64 56.5 39.9 59.9

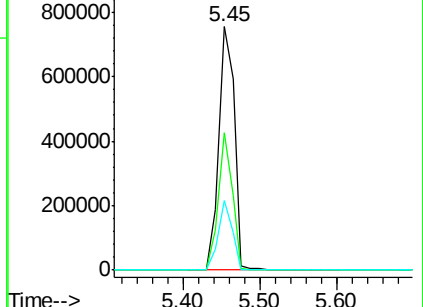
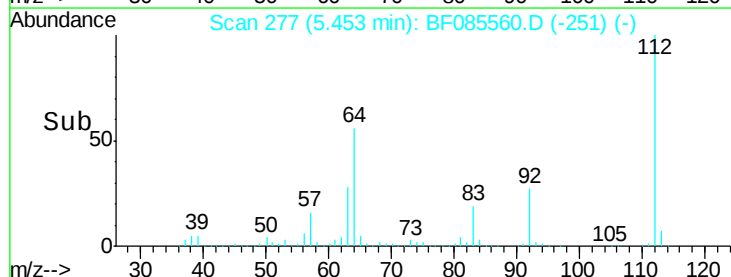
63 28.5 20.2 30.2

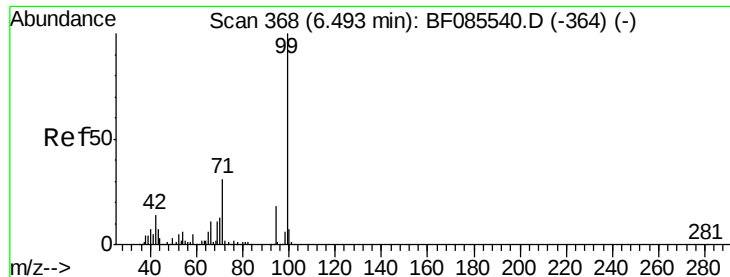


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 153.18 ng

RT: 6.49 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

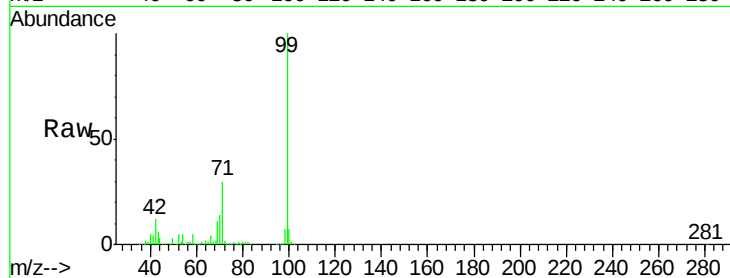
Tgt Ion: 99 Resp: 1477236

Ion Ratio Lower Upper

99 100

42 12.3 11.1 16.7

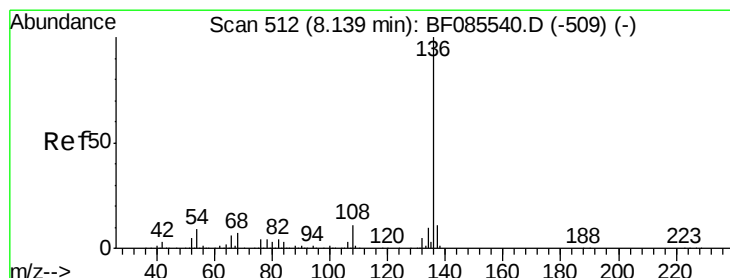
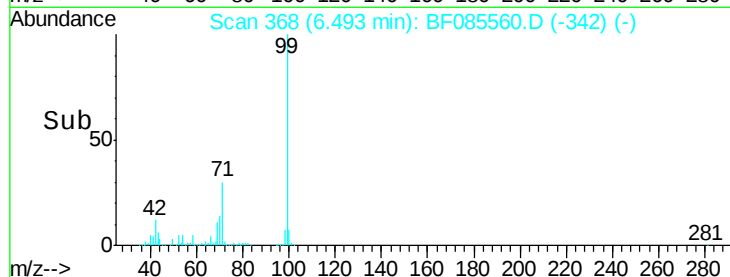
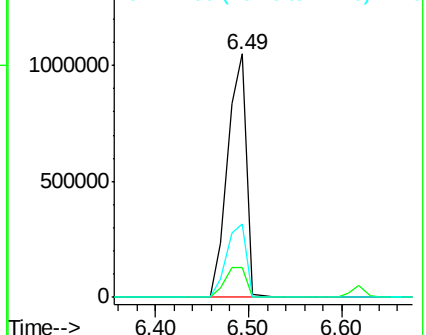
71 30.2 24.9 37.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Tgt Ion: 136 Resp: 532136

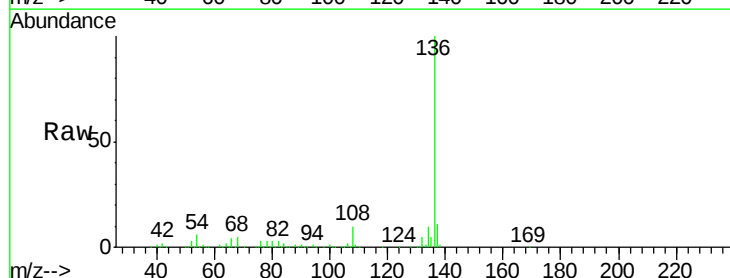
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.1 7.4 11.0#

68 5.2 5.8 8.8#

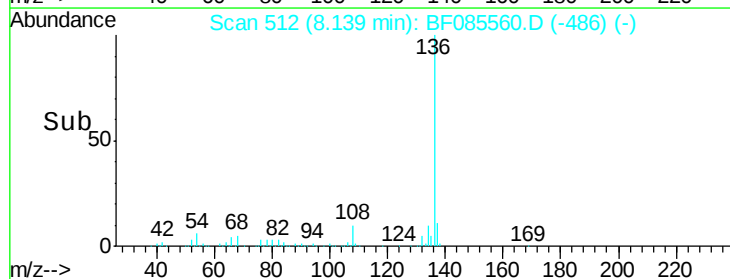
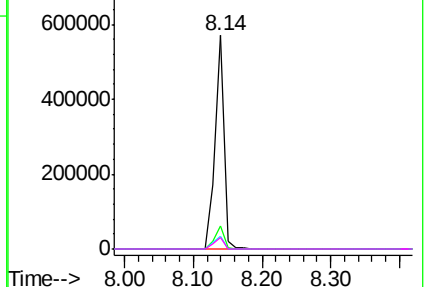


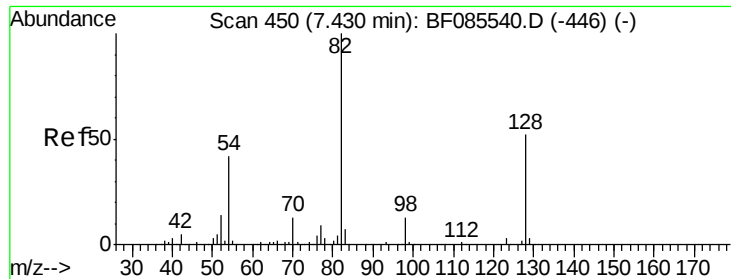
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

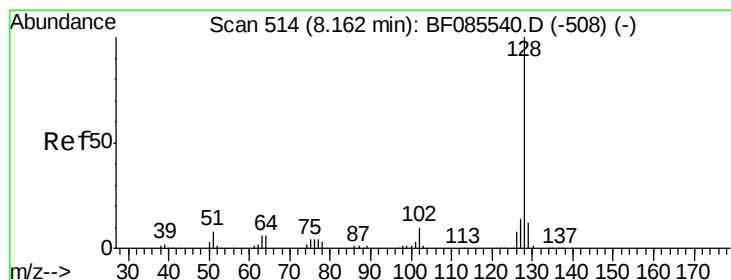
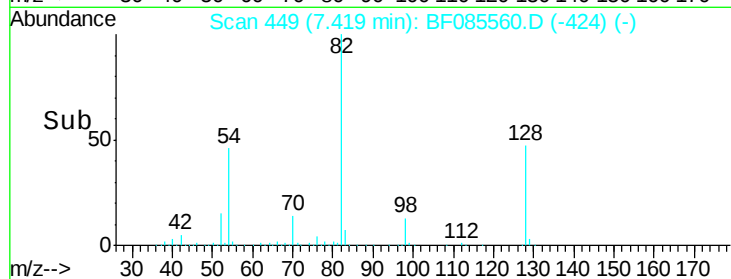
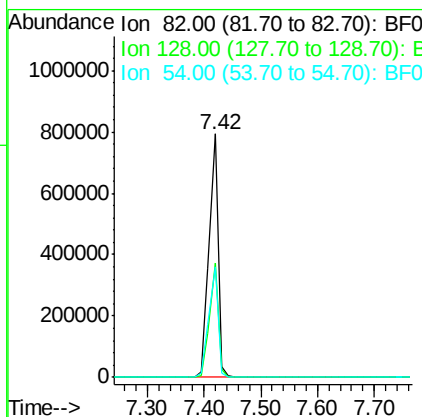
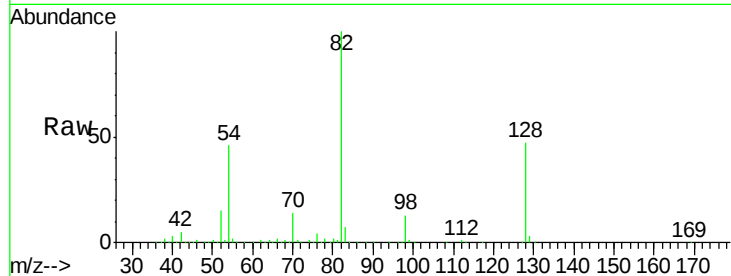




#23
 Nitrobenzene-d5
 Concen: 91.32 ng
 RT: 7.42 min Scan# 449
 Delta R.T. -0.01 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

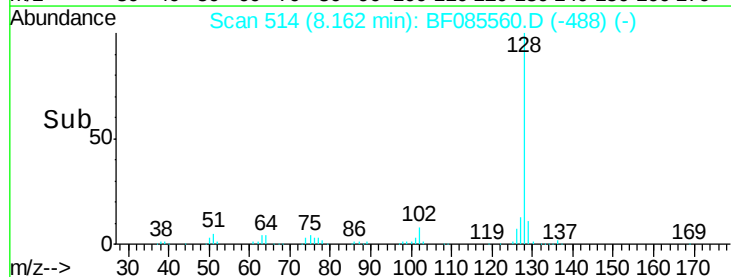
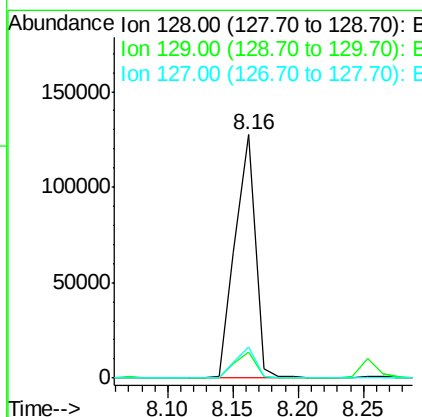
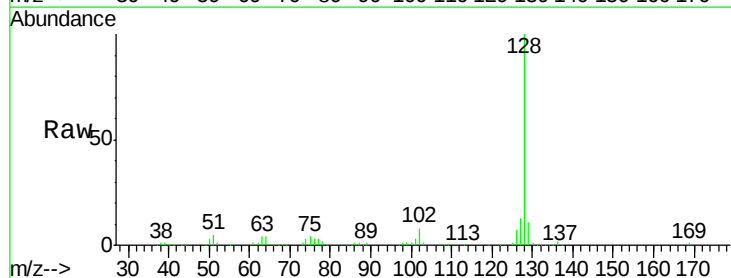
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7B

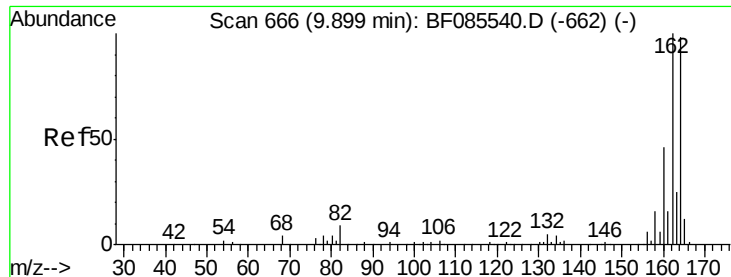
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	41.8	62.8
54	45.6	33.4	50.0



#31
 Naphthalene
 Concen: 5.17 ng
 RT: 8.16 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	12.9	11.0	16.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-7B

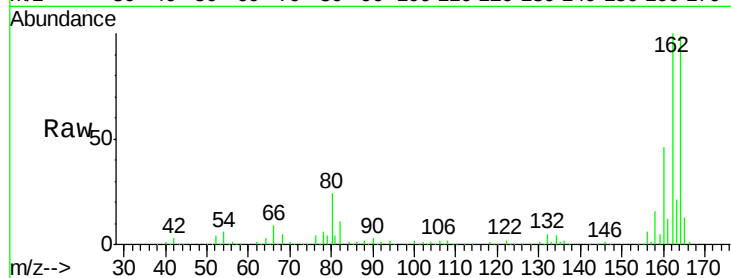
Tgt Ion:164 Resp: 230621

Ion Ratio Lower Upper

164 100

162 100.7 82.1 123.1

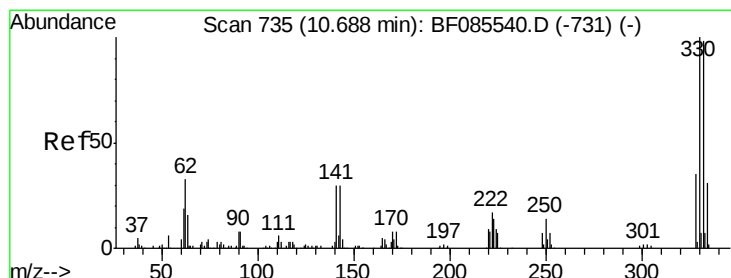
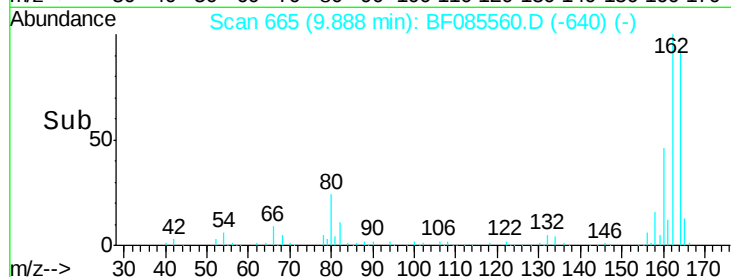
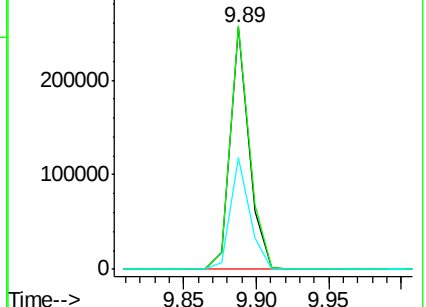
160 46.2 37.4 56.2



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: 167.72 ng

RT: 10.69 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF085560.D

Acq: 19 Mar 2016 7:59

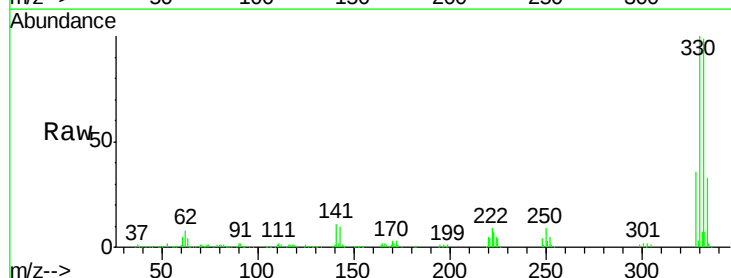
Tgt Ion:330 Resp: 378898

Ion Ratio Lower Upper

330 100

332 98.0 78.2 117.2

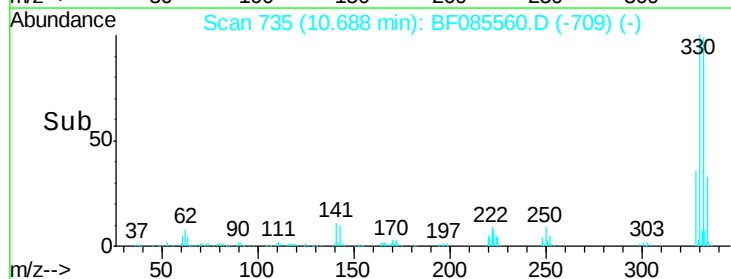
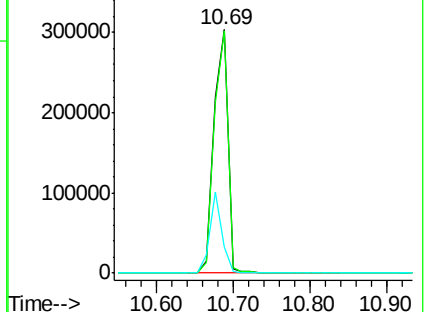
141 29.5 31.5 47.3#

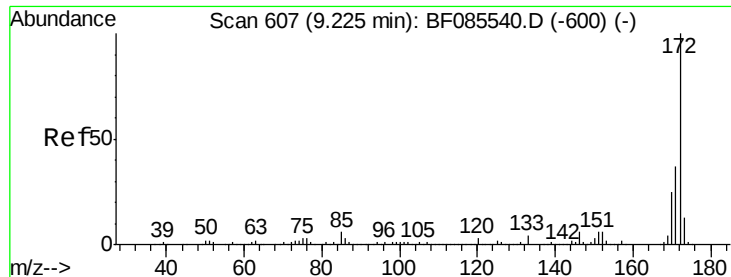


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

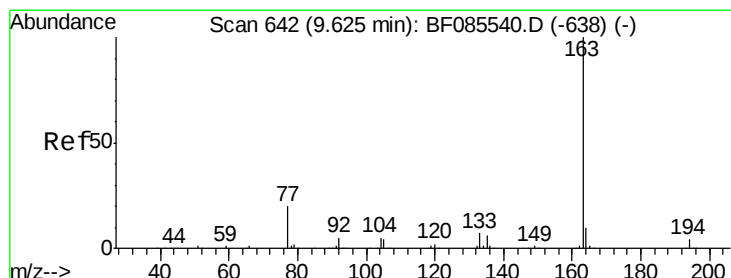
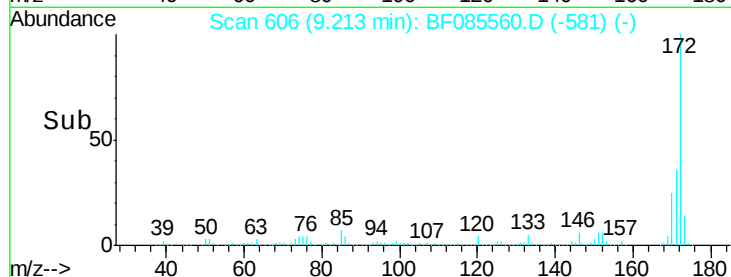
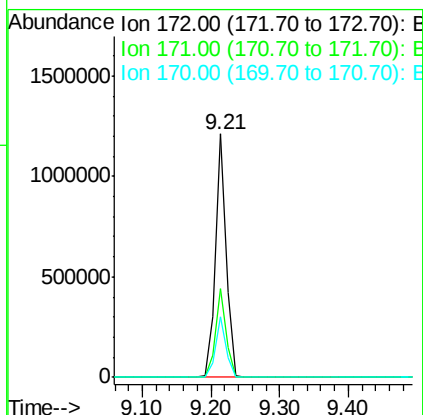
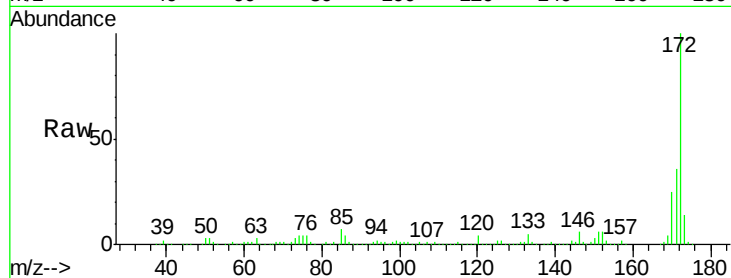




#44
 2-Fluorobiphenyl
 Concen: 106.22 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

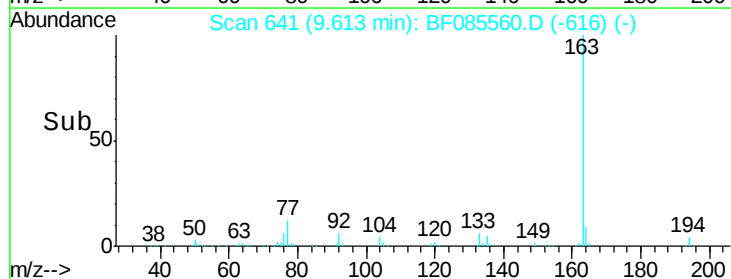
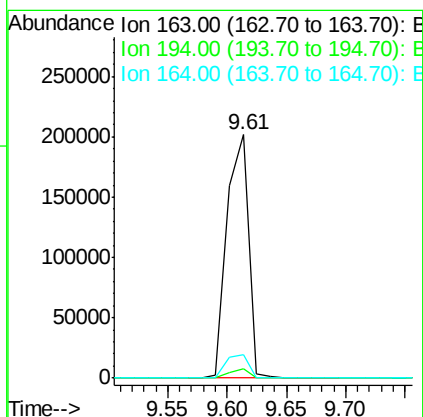
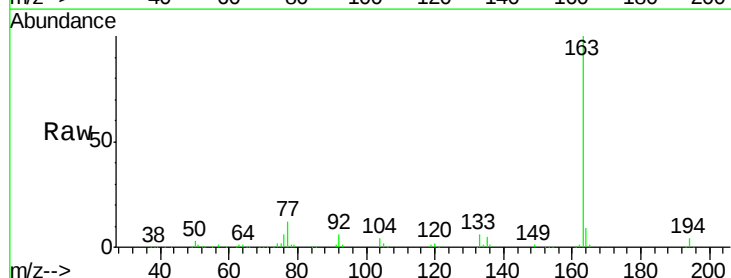
Instrument :
 BNA_F
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 TRACK-D-GRID-7B

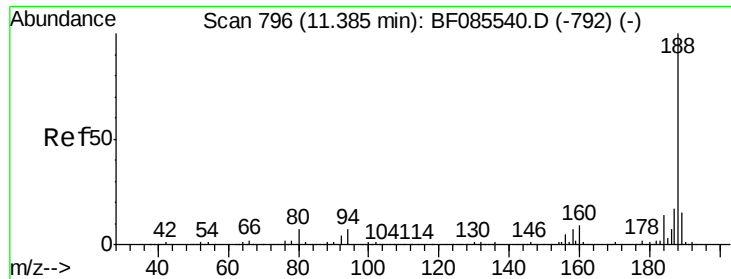
Tgt Ion:172 Resp: 1347004
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.8 19.8 29.6



#49
 Dimethylphthalate
 Concen: 14.60 ng
 RT: 9.61 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

Tgt Ion:163 Resp: 254050
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.9 4.3
 164 9.4 8.3 12.5

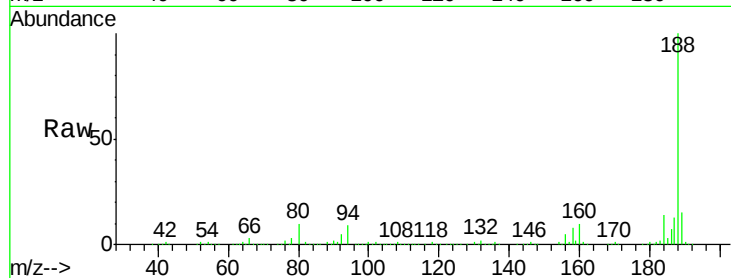




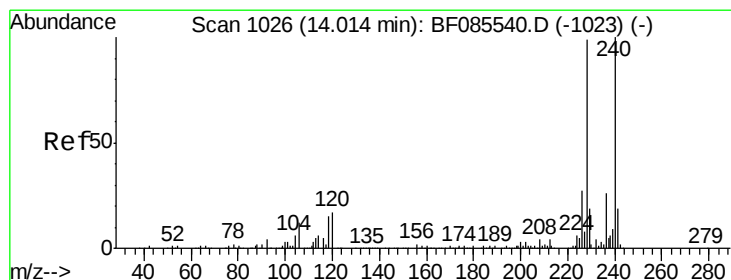
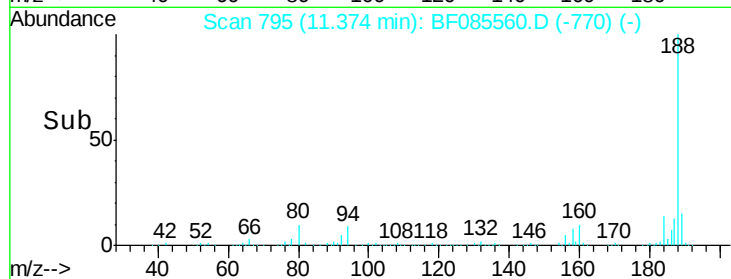
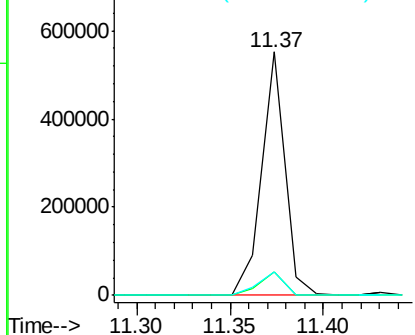
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-7B

Tgt Ion:188 Resp: 472505
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 9.7 5.5 8.3#

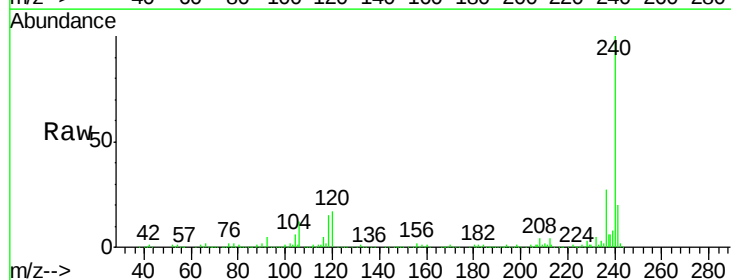


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

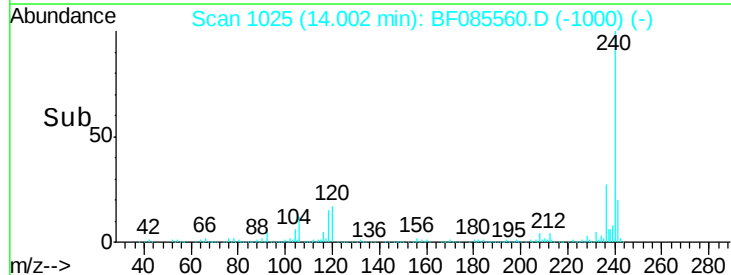
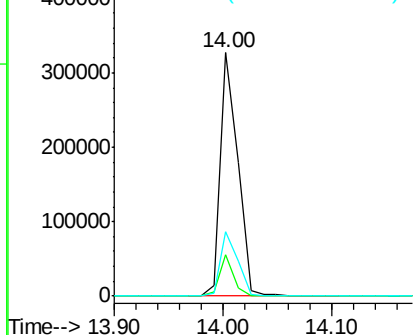


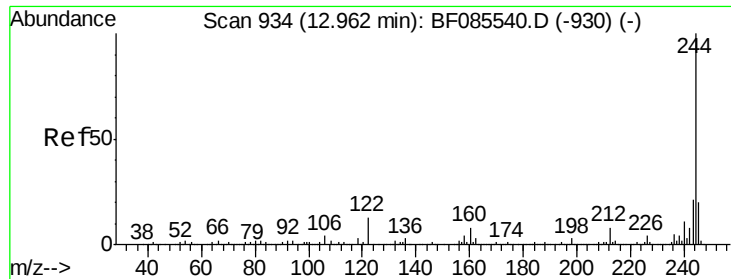
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF085560.D
Acq: 19 Mar 2016 7:59

Tgt Ion:240 Resp: 366238
Ion Ratio Lower Upper
240 100
120 17.1 13.8 20.8
236 26.6 20.6 30.8



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

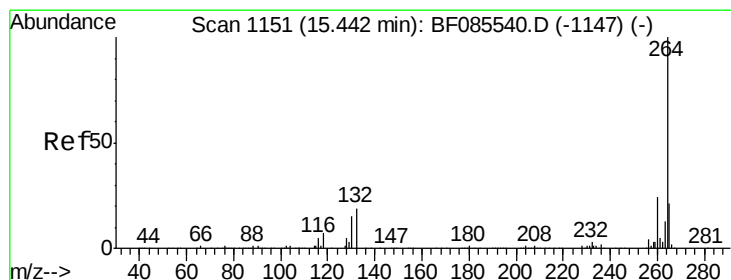
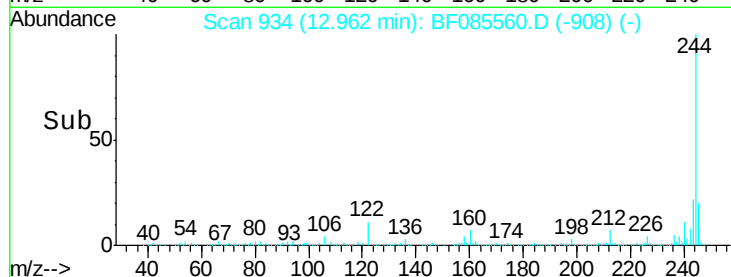
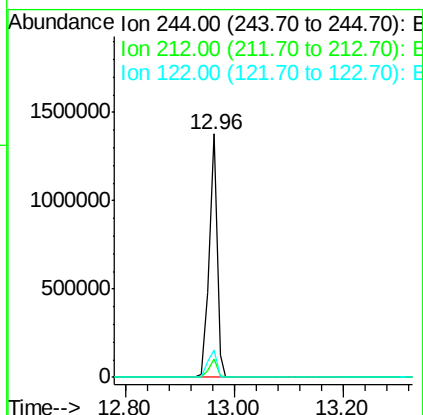
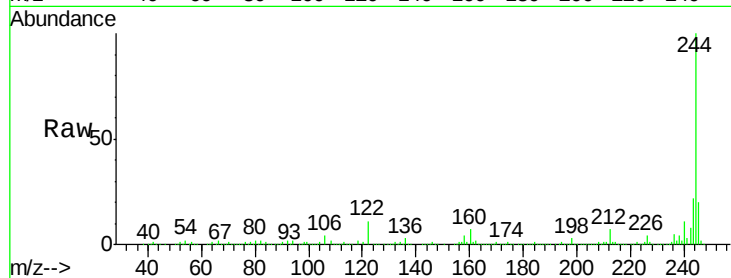




#78
 Terphenyl-d14
 Concen: 90.99 ng
 RT: 12.96 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-7B

Tgt Ion:244 Resp: 1384868
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 11.1 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF085560.D
 Acq: 19 Mar 2016 7:59

Tgt Ion:264 Resp: 293495
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.4 17.2 25.8

