

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094333.D
 Acq On : 11 Apr 2017 2:44
 Operator : SJ/MA
 Sample : I2601-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-60-S1(2-4)

Manual Integrations
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mohammad
 4/11/2017 12:53:31 PM

Quant Time: Apr 11 04:11:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	151704	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	595971	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	259027	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	425063	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	305110	20.00	ng	-0.02
86) Perylene-d12	16.18	264	251767	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	1232547	137.23	ng	0.01
7) Phenol-d6	5.47	99	1581320	142.32	ng	0.01
23) Nitrobenzene-d5	6.49	82	982570	94.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	292553	142.93	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1573254	92.64	ng	-0.02
78) Terphenyl-d14	13.28	244	1101311	80.91	ng	-0.02
Target Compounds						
10) Phenol	5.49	94	110375	8.73	ng	88
49) Dimethylphthalate	9.16	163	181172	9.84	ng	99

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

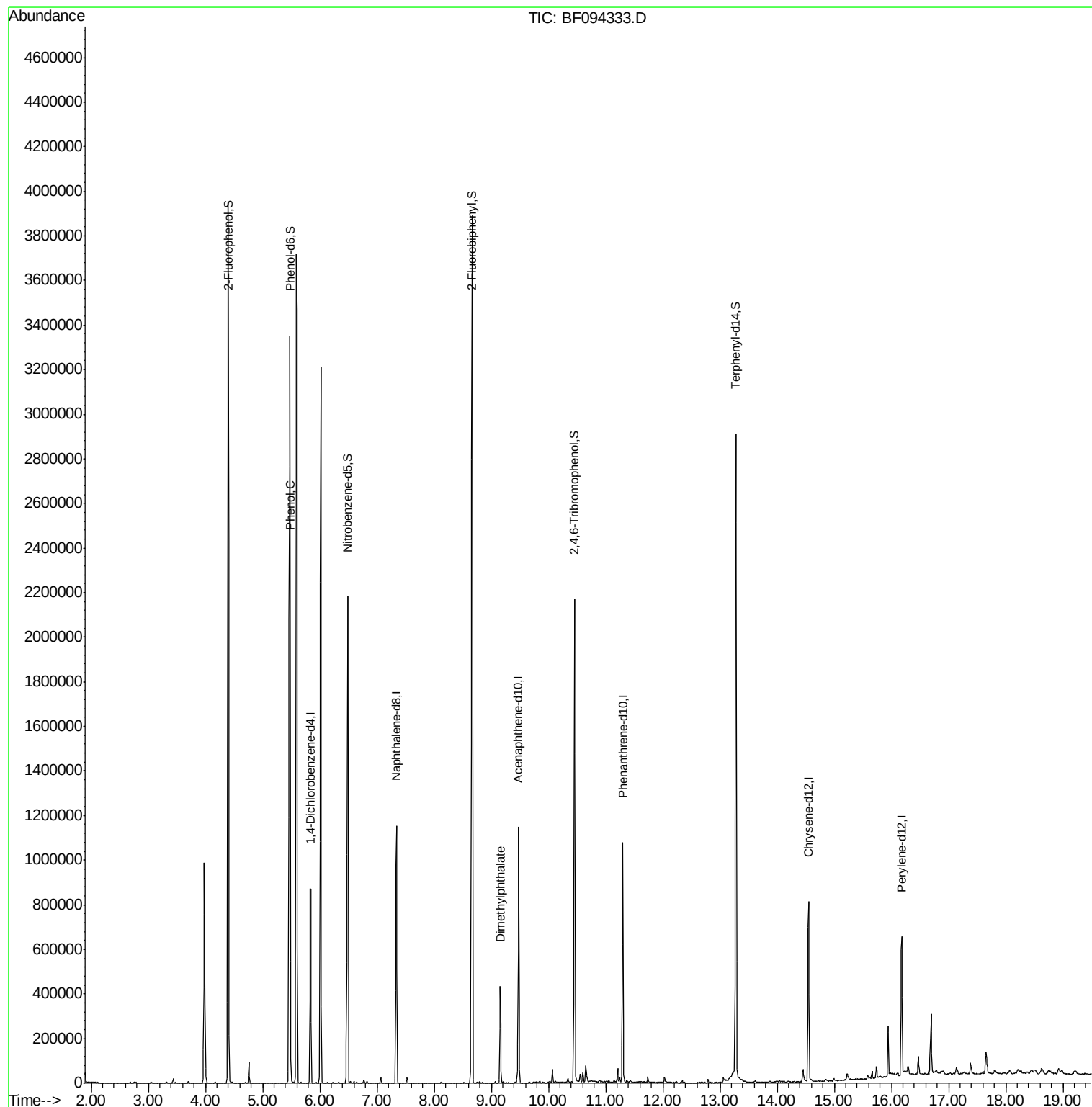
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
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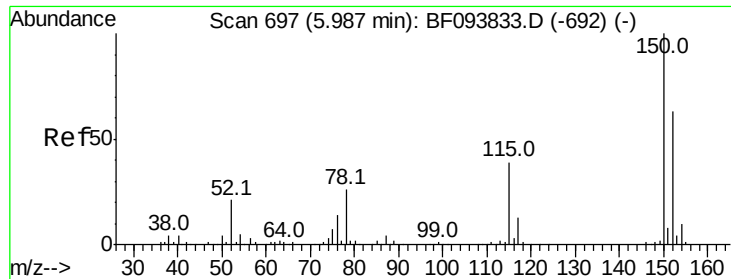
Instrument :
BNA_F
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#1

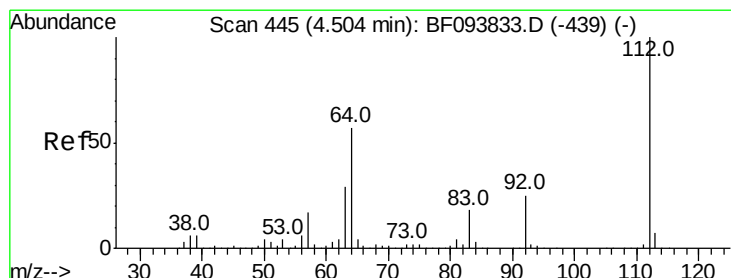
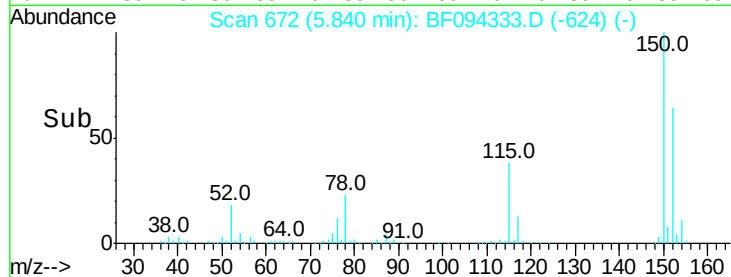
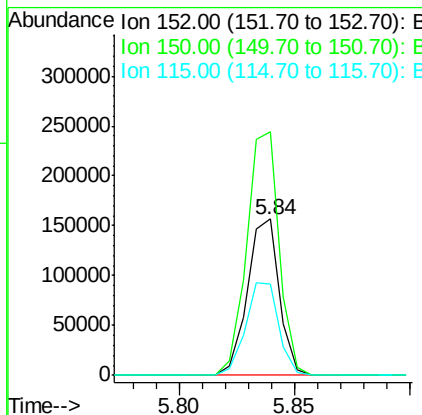
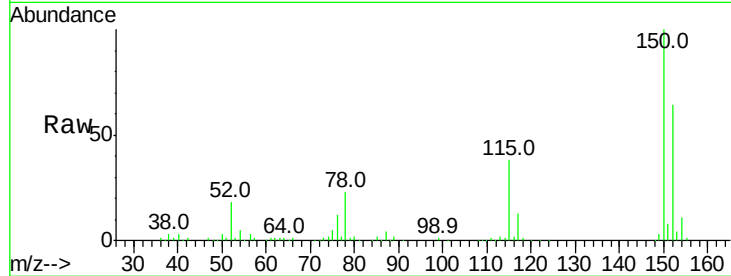
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Instrument :
BNA_F
ClientSampleId :
B-60-S1(2-4)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.2	189.2
115	58.6	52.2	78.2

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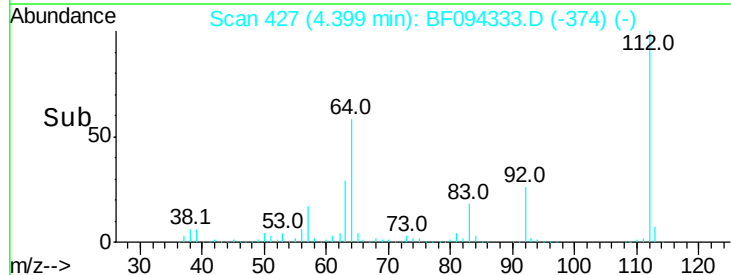
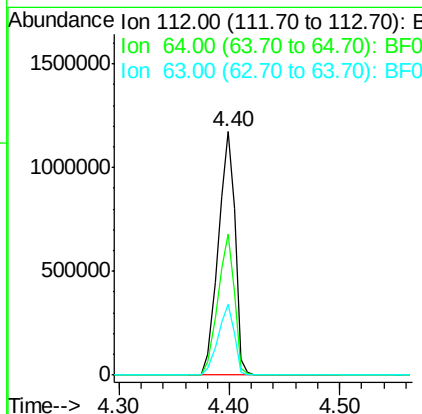
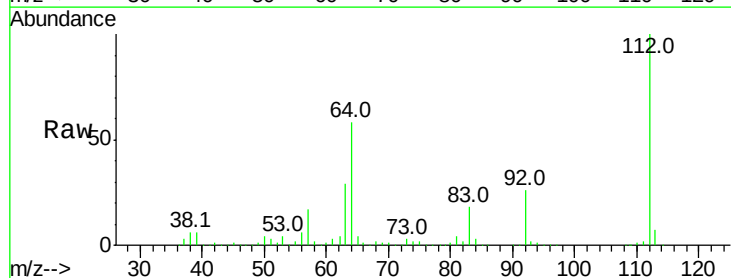
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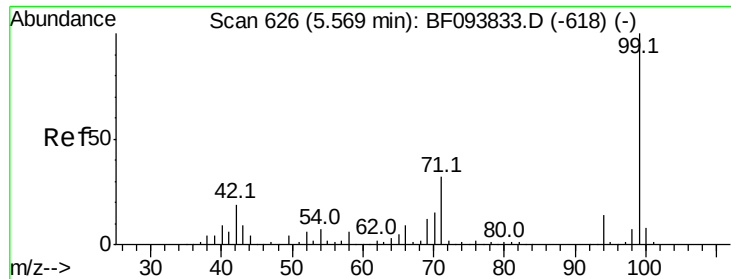


#5

2-Fluorophenol
Concen: 137.23 ng
RT: 4.40 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 142.32 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Instrument :

BNA_F

ClientSampleId :

B-60-S1(2-4)

Tot Ion: 99 Resp: 1581320

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

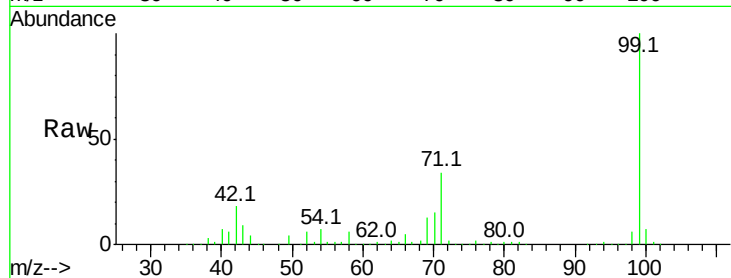
71 34.1 24.5 36.7

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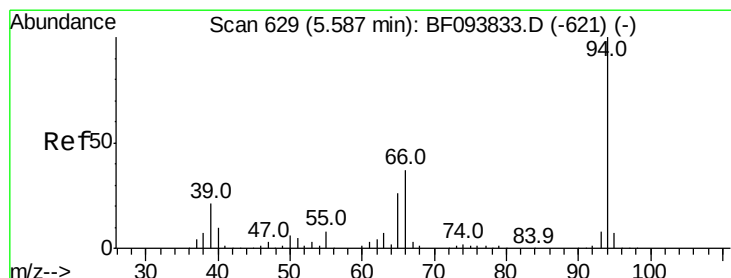
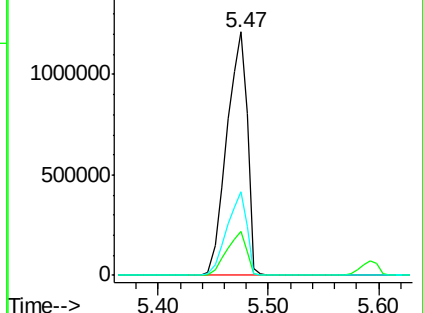
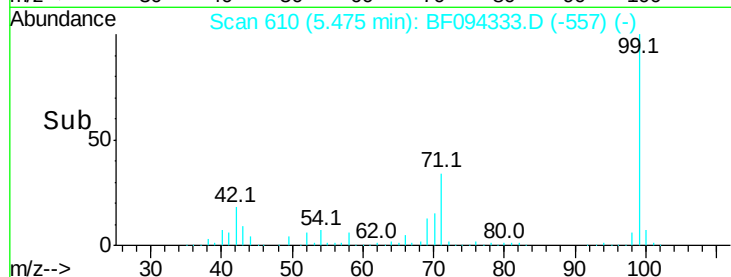
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 8.73 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

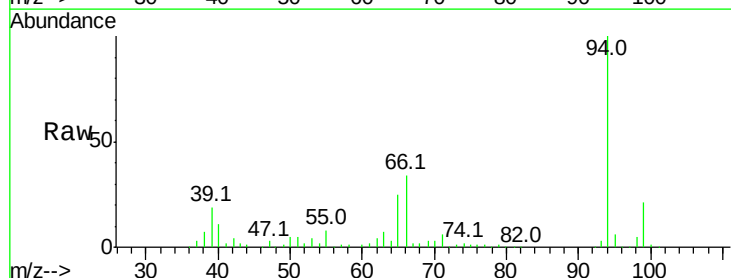
Tgt Ion: 94 Resp: 110375

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

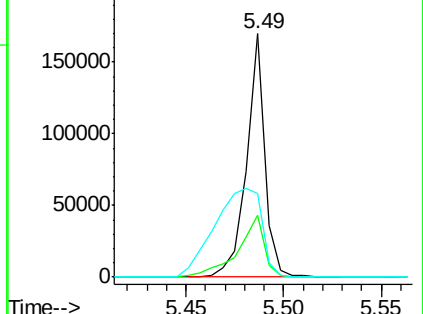
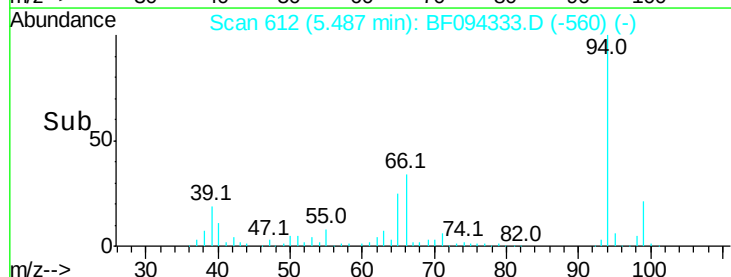
66 34.3 23.1 63.1

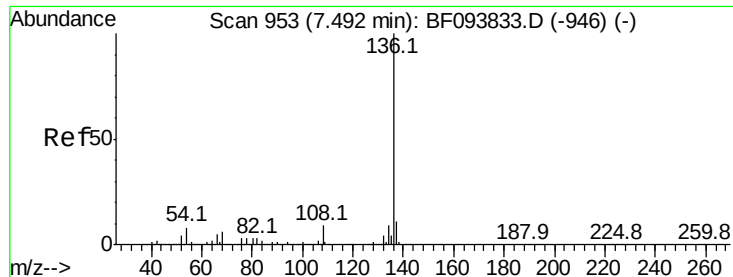


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.34 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Instrument :

BNA_F

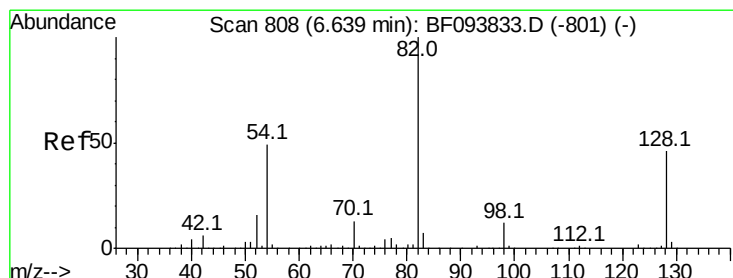
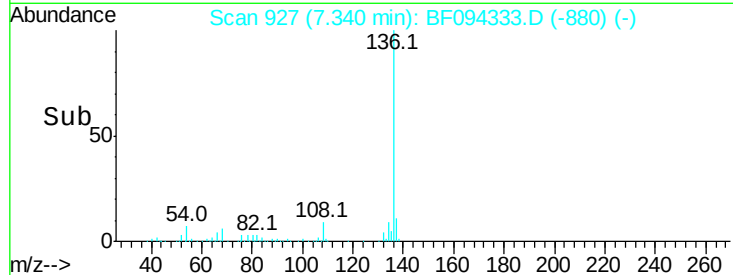
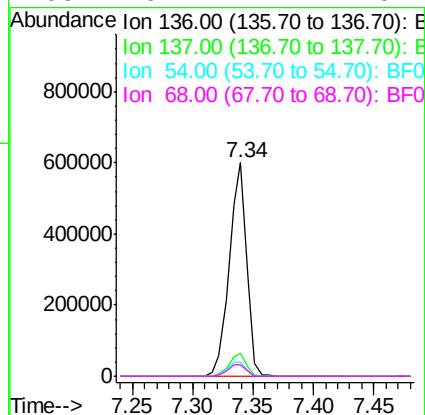
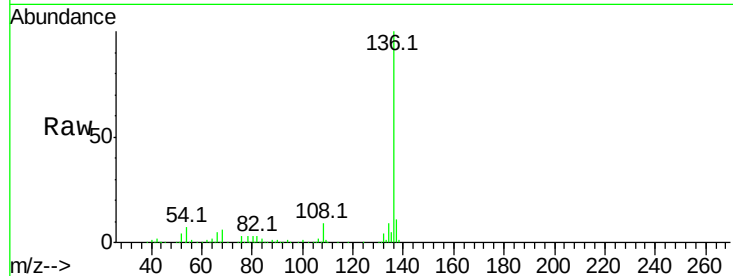
ClientSampleId :

B-60-S1(2-4)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.9	4.9	7.3
68	5.7	4.1	6.1

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#23

Nitrobenzene-d5

Concen: 94.09 ng

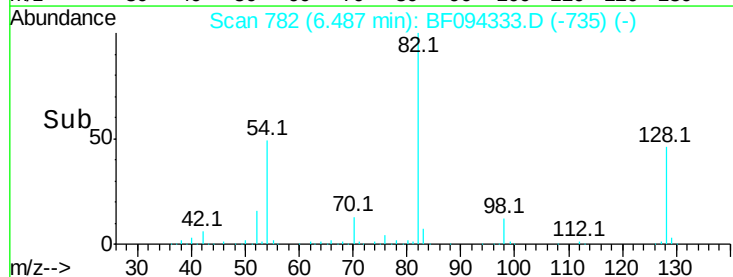
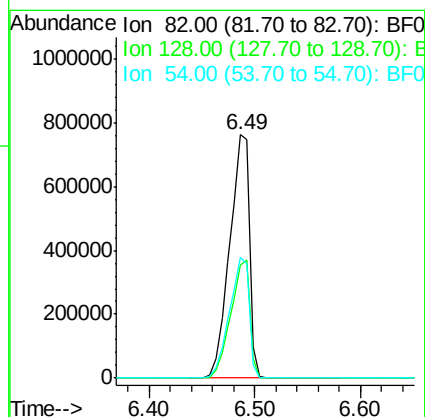
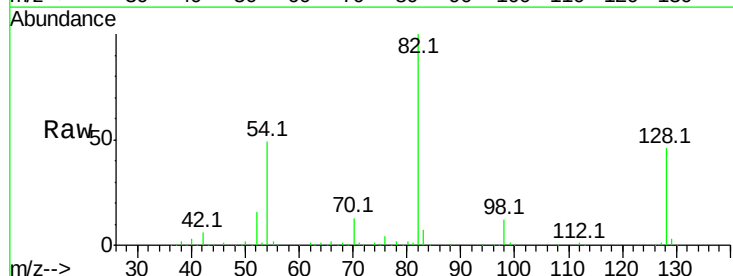
RT: 6.49 min Scan# 782

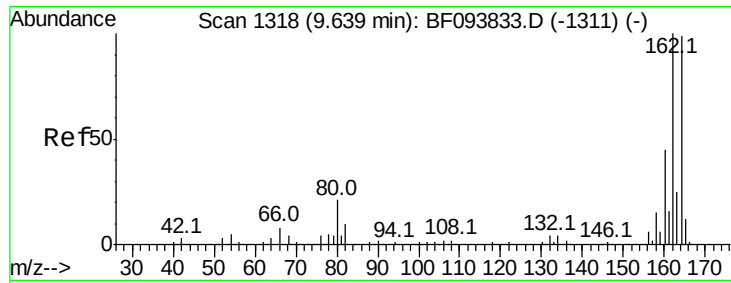
Delta R.T. -0.02 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	46.4	34.0	51.0
54	49.4	42.2	63.2





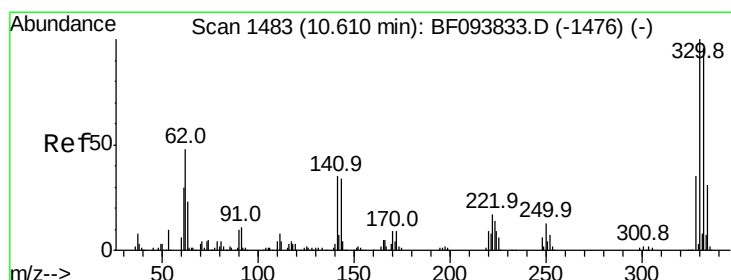
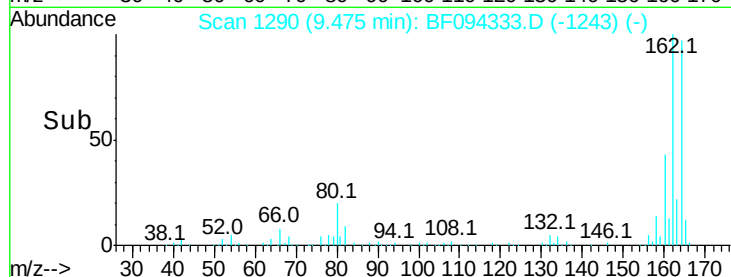
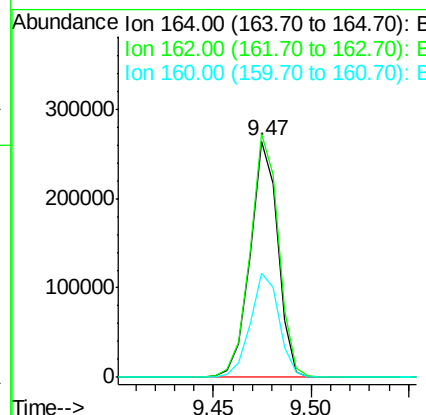
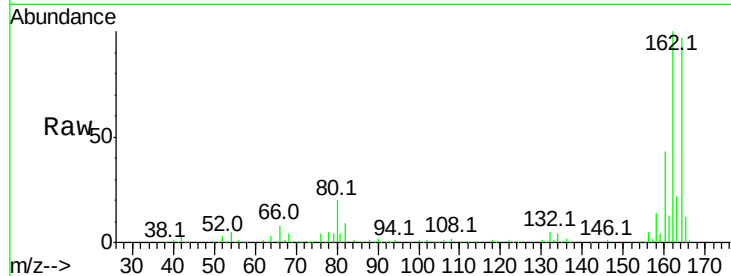
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Instrument :
 BNA_F
 ClientSampleId :
 B-60-S1(2-4)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	259027		
162	103.2	82.6	123.8	
160	44.3	36.2	54.2	

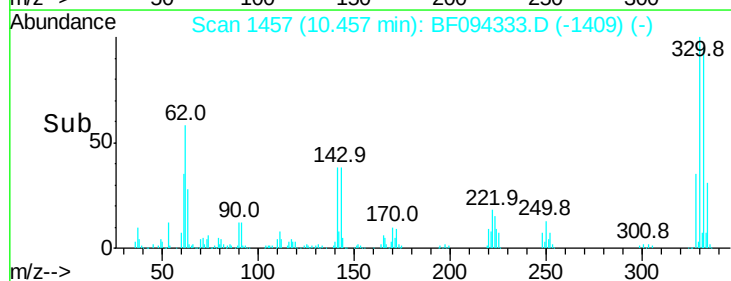
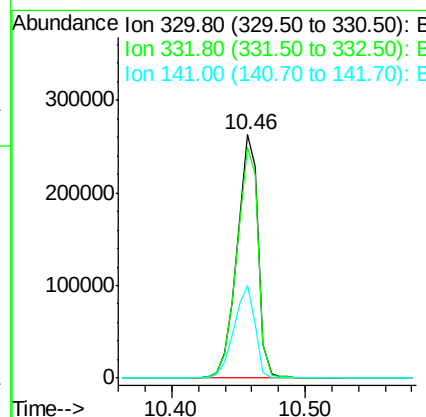
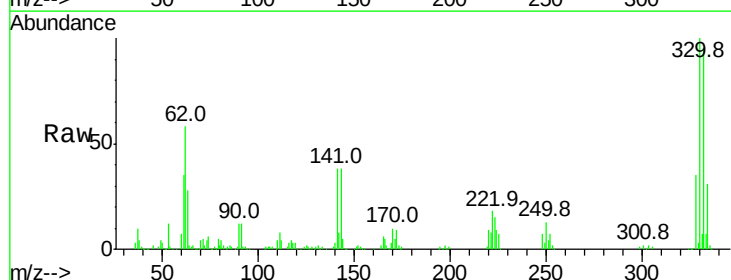
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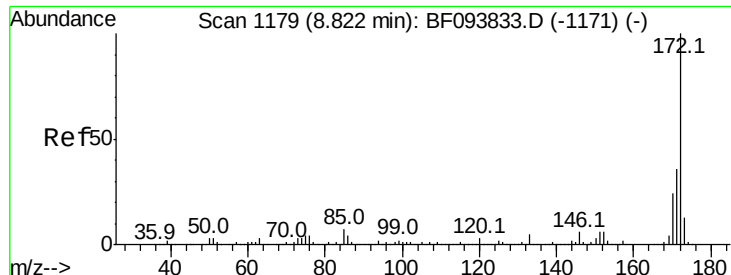
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#41
 2,4,6-Tribromophenol
 Concen: 142.93 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	292553		
332	96.7	76.6	115.0	
141	38.2	31.4	47.2	





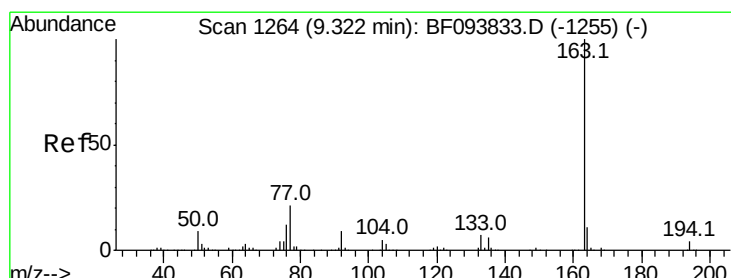
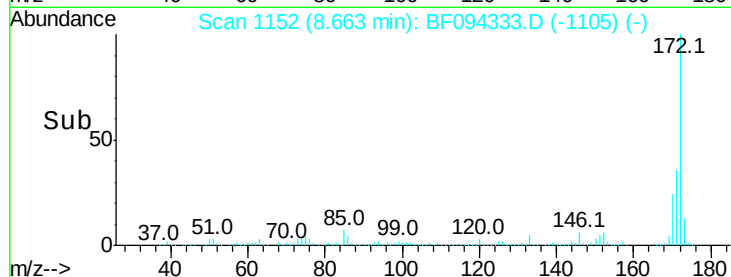
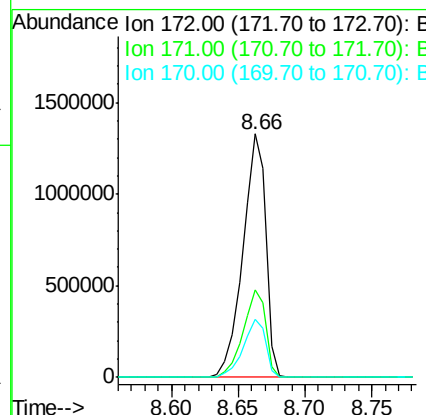
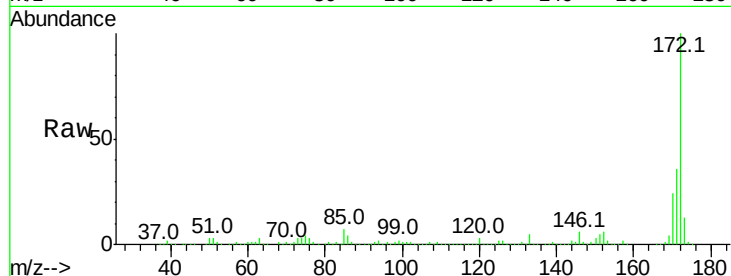
#44
2-Fluorobiphenyl
Concen: 92.64 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Instrument :
BNA_F
ClientSampleId :
B-60-S1(2-4)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.8	19.8	29.8

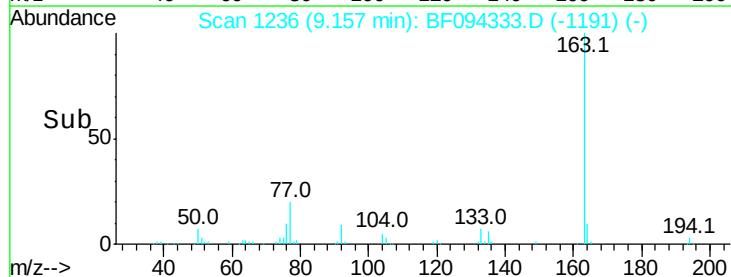
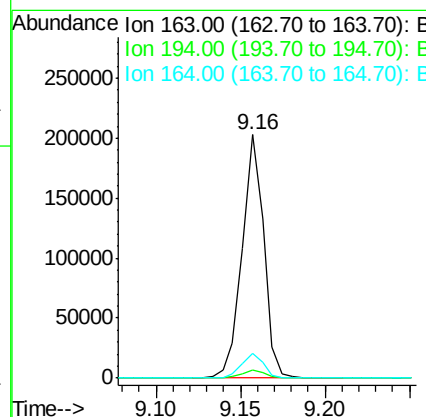
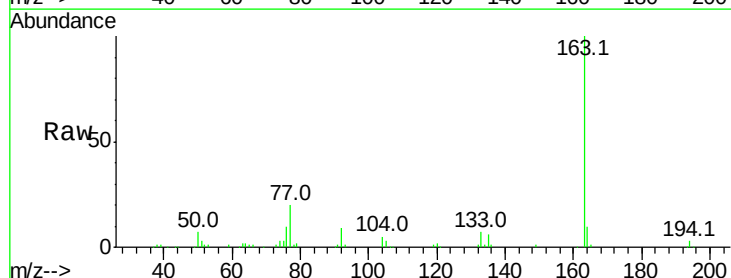
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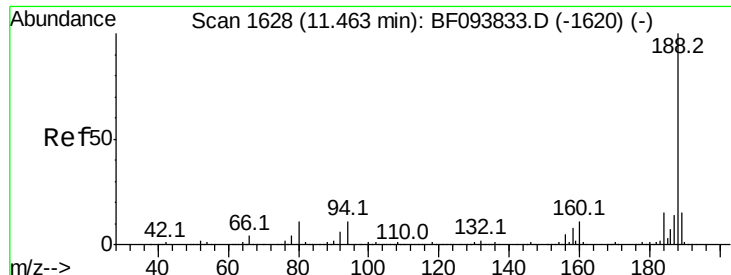
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#49
Dimethylphthalate
Concen: 9.84 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094333.D
Acq: 11 Apr 2017 2:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Instrument :

BNA_F

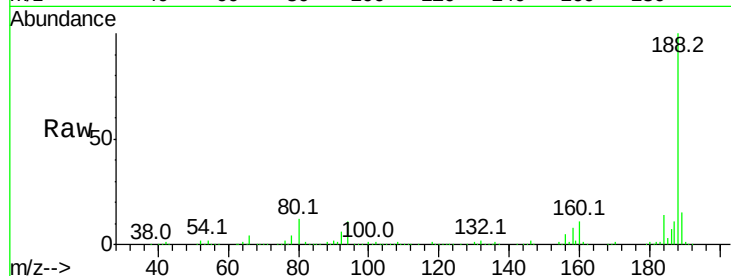
ClientSampleId :

B-60-S1(2-4)

Tot Ion:	188	Resp:	425063
Ion Ratio	Lower	Upper	
188	100		
94	10.8	9.4	14.2
80	12.2	10.2	15.2

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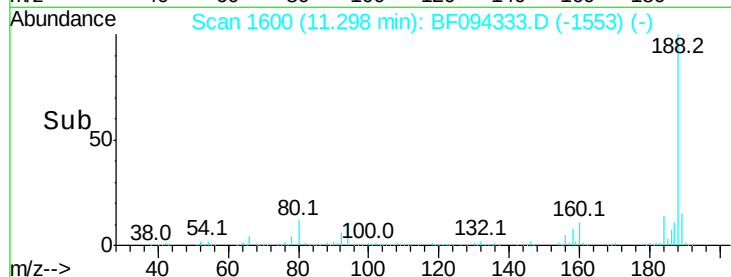


Abundance Ion 188.00 (187.70 to 188.70): E

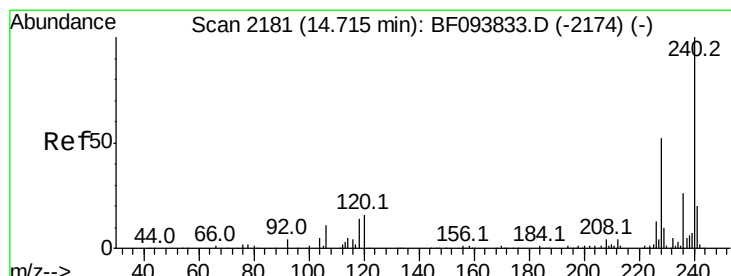
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

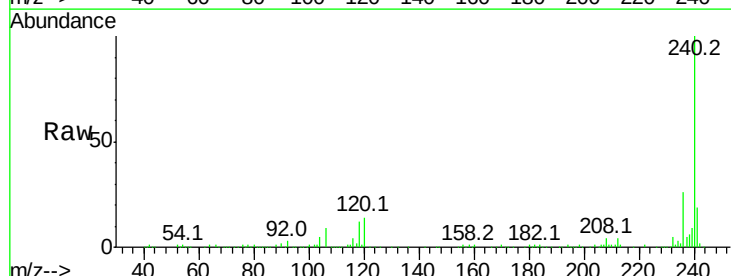
RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094333.D

Acq: 11 Apr 2017 2:44

Tgt Ion:	240	Resp:	305110
Ion Ratio	Lower	Upper	
240	100		
120	14.1	5.8	8.8#
236	25.8	20.5	30.7

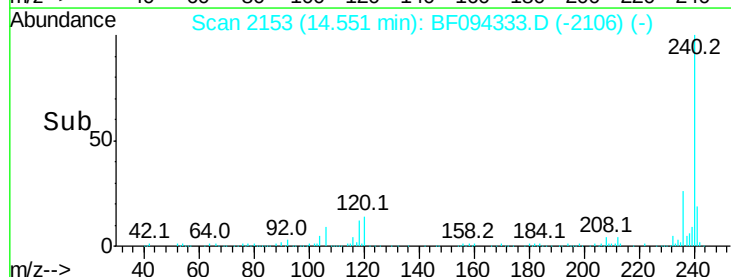


Abundance Ion 240.00 (239.70 to 240.70): E

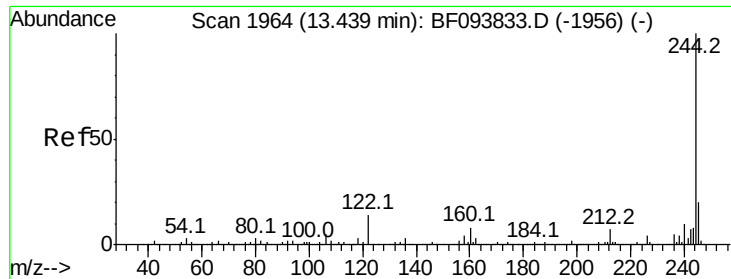
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



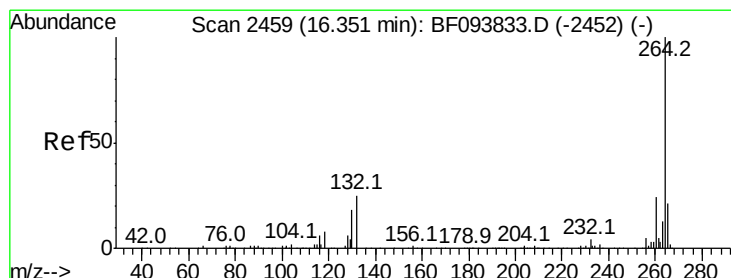
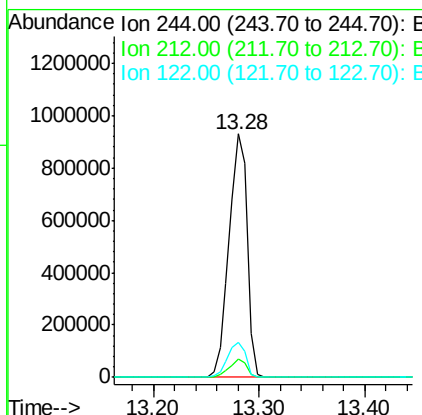
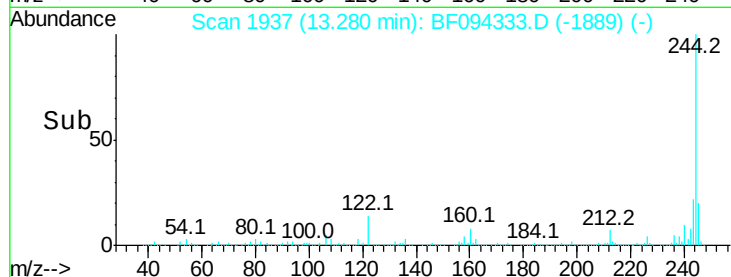
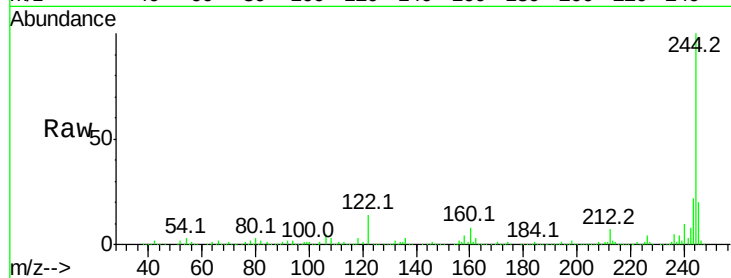
#78
 Terphenyl-d14
 Concen: 80.91 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Instrument :
 BNA_F
 ClientSampleId :
 B-60-S1(2-4)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.3	10.3	15.5

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094333.D
 Acq: 11 Apr 2017 2:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	20.6	17.2	25.8

