

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094323.D
 Acq On : 10 Apr 2017 20:44
 Operator : SJ/MA
 Sample : I2601-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-27-S2(14-16)

Quant Time: Apr 11 02:03:03 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

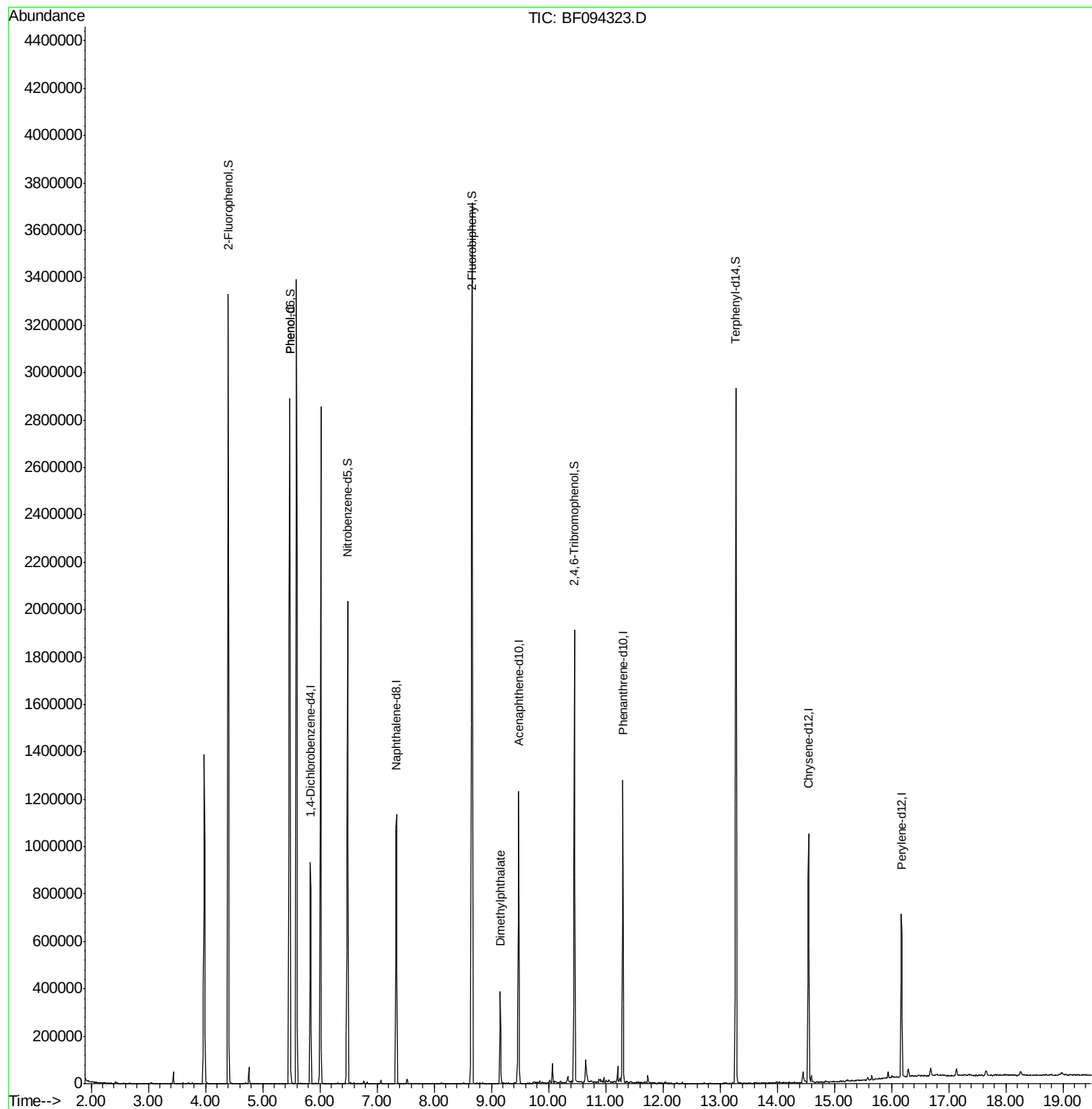
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	157606	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	633516	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	291168	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	517340	20.00	ng	-0.02
75) Chrysene-d12	14.55	240	402435	20.00	ng	-0.02
86) Perylene-d12	16.17	264	271936	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	962624	103.16	ng	0.01
7) Phenol-d6	5.47	99	1250823	108.36	ng	0.01
23) Nitrobenzene-d5	6.49	82	804913	72.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	246120	106.97	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1445968	75.75	ng	-0.02
78) Terphenyl-d14	13.28	244	1146966	63.88	ng	-0.02
Target Compounds						
10) Phenol	5.48	94	79578	6.06	ng	98
49) Dimethylphthalate	9.16	163	163839	7.92	ng	99

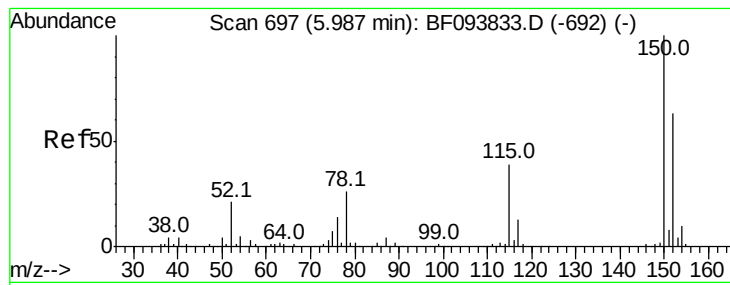
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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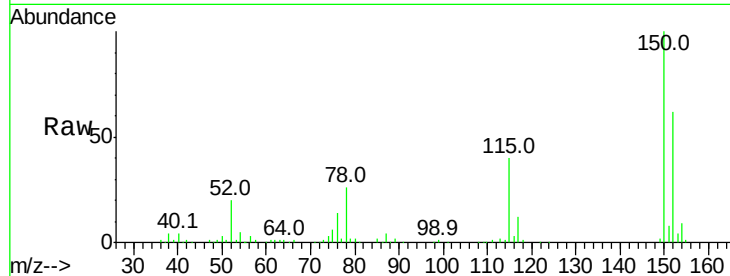


#1

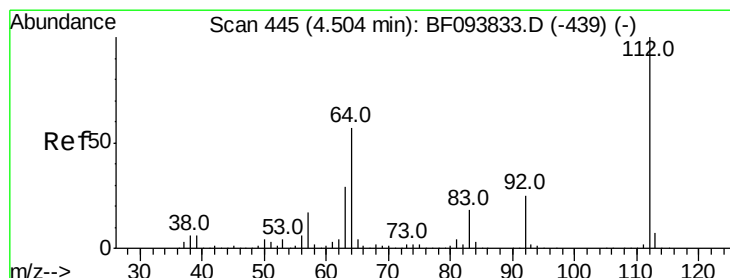
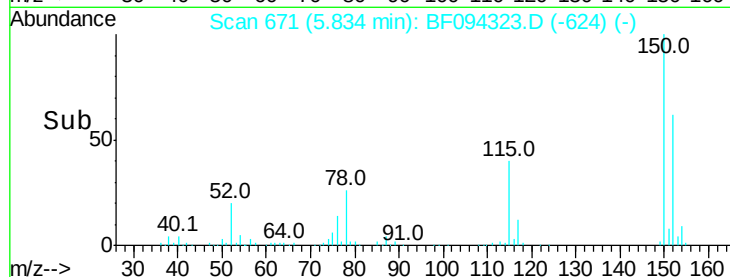
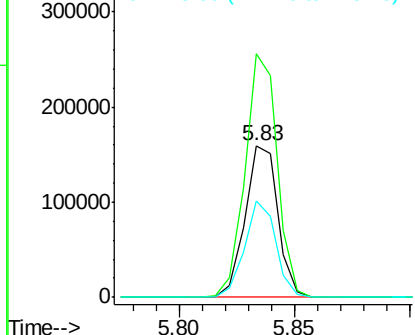
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.83 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 B-27-S2(14-16)

Tot Ion:152 Resp: 157606
 Ion Ratio Lower Upper
 152 100
 150 160.7 126.2 189.2
 115 64.0 52.2 78.2



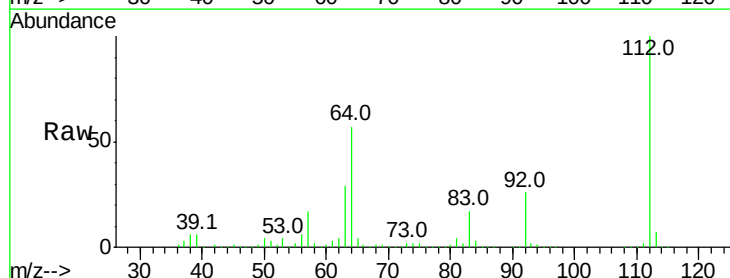
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



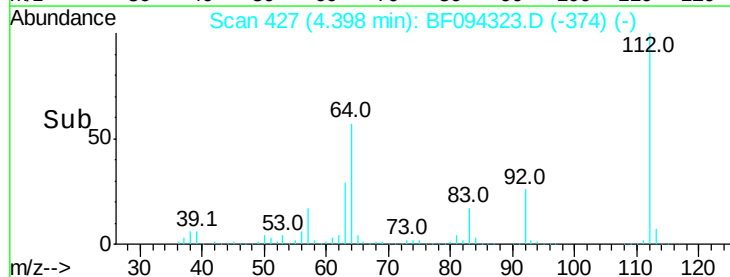
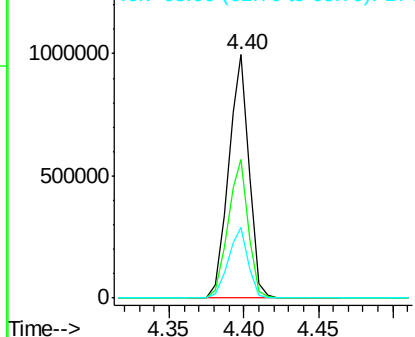
#5

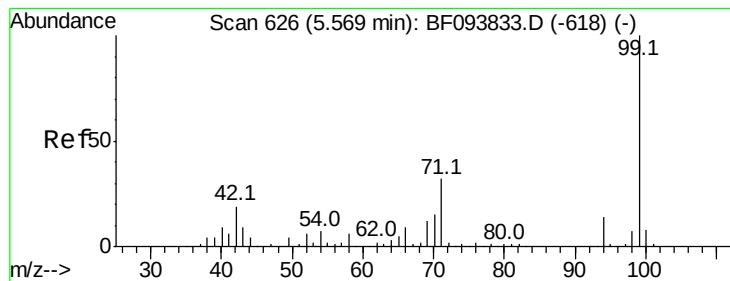
2-Fluorophenol
 Concen: 103.16 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Tgt Ion:112 Resp: 962624
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.0 69.0
 63 28.9 23.4 35.0



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: 108.36 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

Instrument :

BNA_F

ClientSampleId :

B-27-S2(14-16)

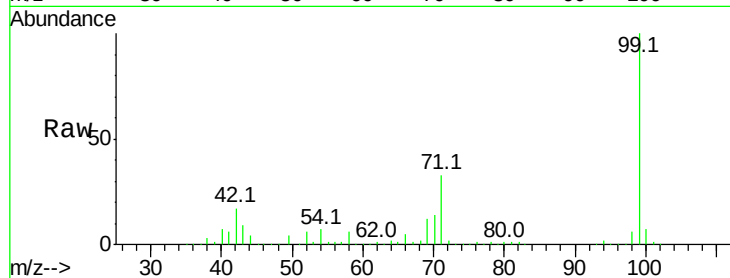
Tot Ion: 99 Resp: 1250823

Ion Ratio Lower Upper

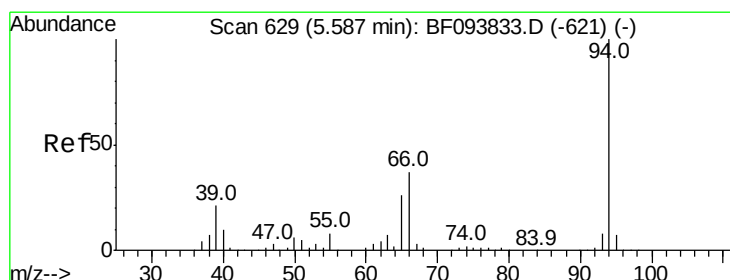
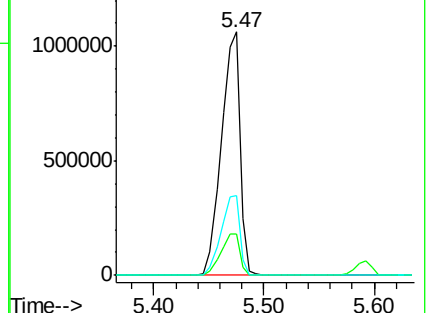
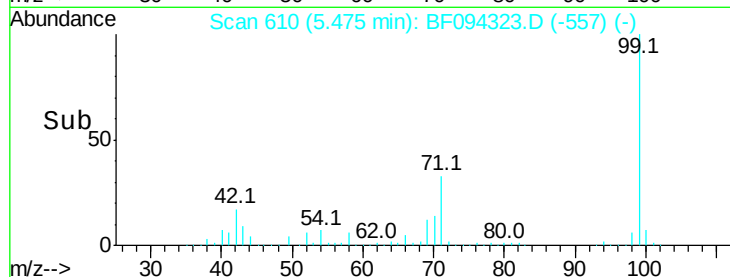
99 100

42 16.8 13.5 20.3

71 32.7 24.5 36.7



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: 6.06 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094323.D

Acq: 10 Apr 2017 20:44

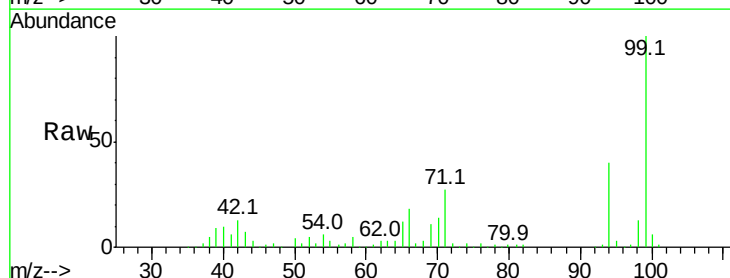
Tgt Ion: 94 Resp: 79578

Ion Ratio Lower Upper

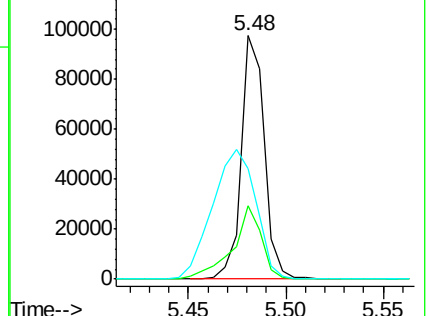
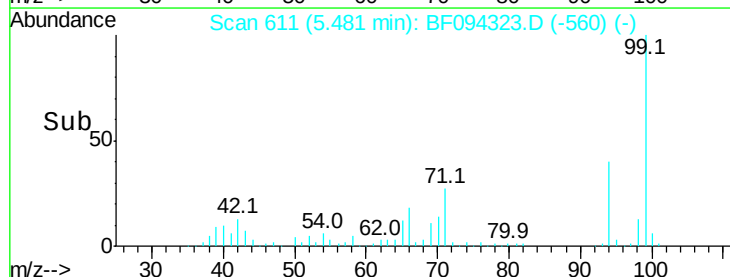
94 100

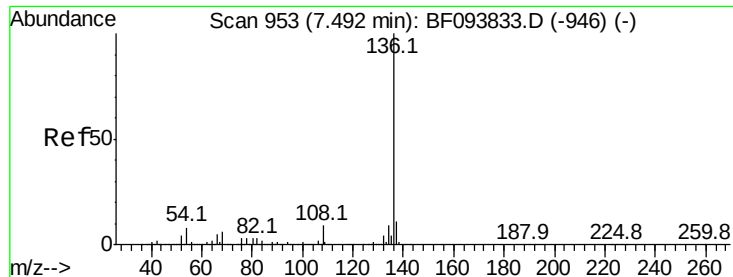
65 29.9 9.9 49.9

66 45.3 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

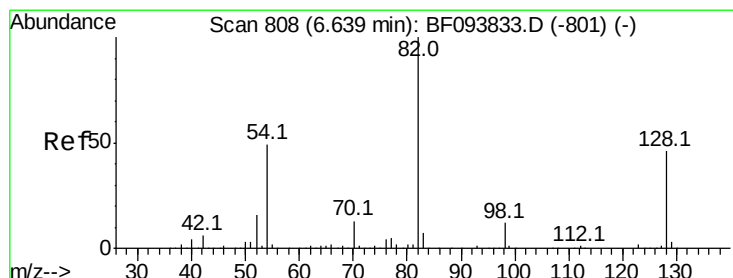
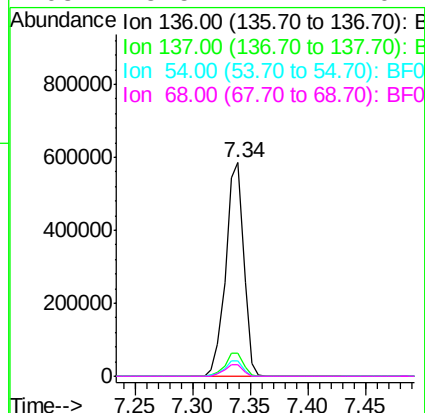
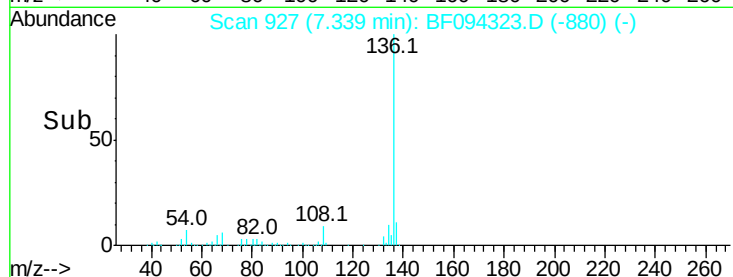
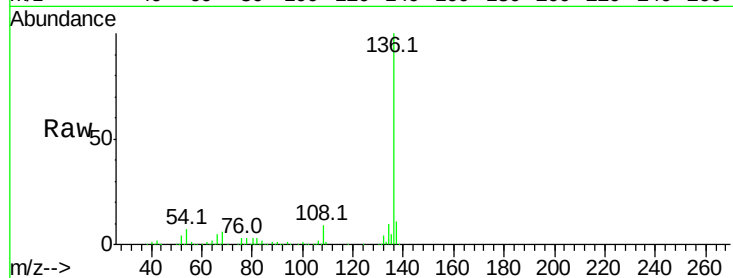




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

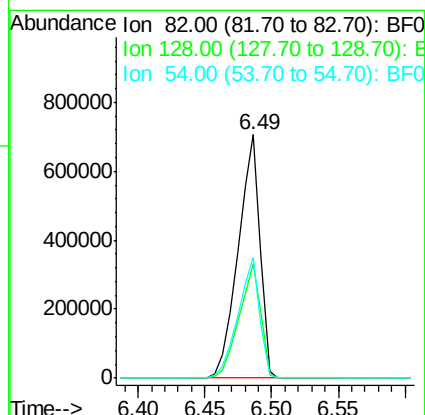
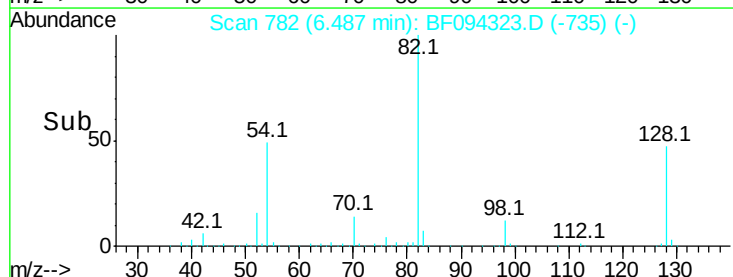
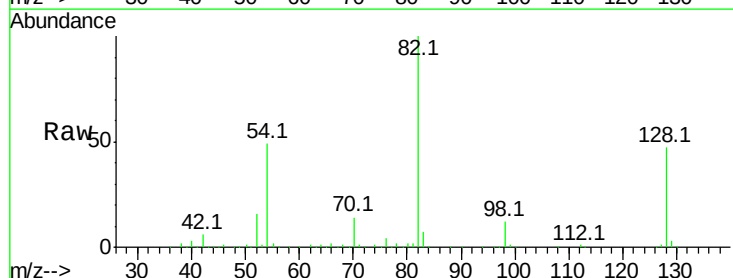
Instrument :
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B-27-S2(14-16)

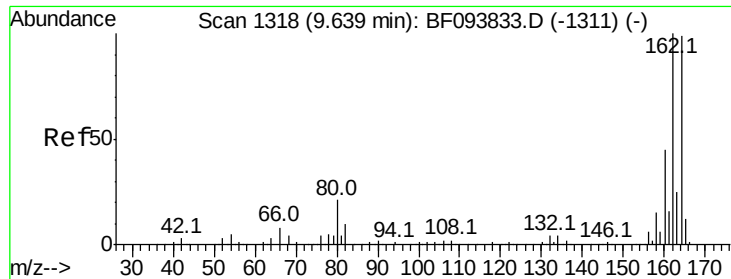
Tot Ion:136	Resp: 633516
Ion Ratio	Lower Upper
136 100	
137 11.0	8.5 12.7
54 7.1	4.9 7.3
68 5.5	4.1 6.1



#23
Nitrobenzene-d5
Concen: 72.51 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

Tgt Ion: 82	Resp: 804913
Ion Ratio	Lower Upper
82 100	
128 47.0	34.0 51.0
54 49.5	42.2 63.2

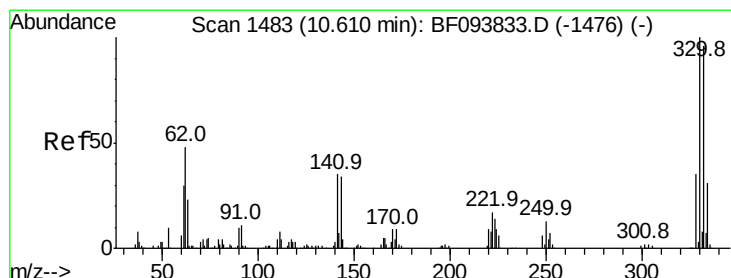
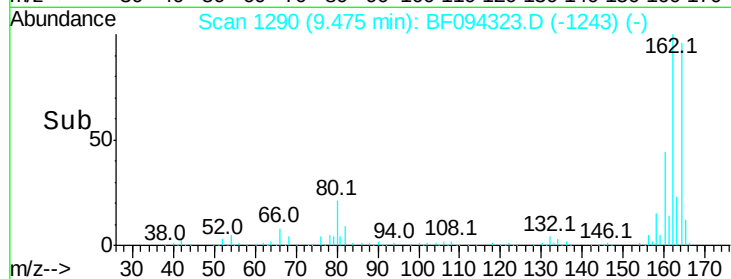
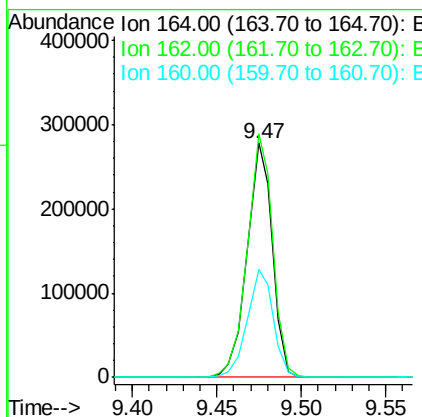
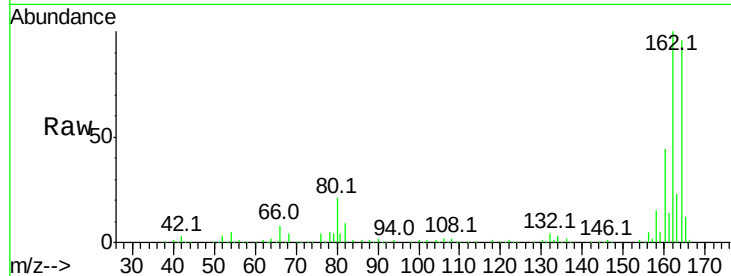




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

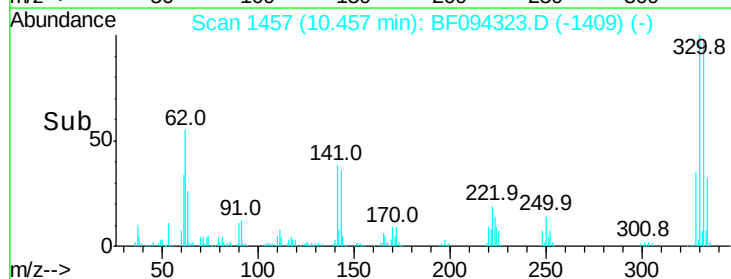
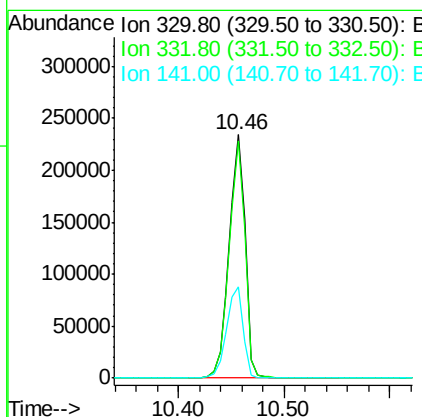
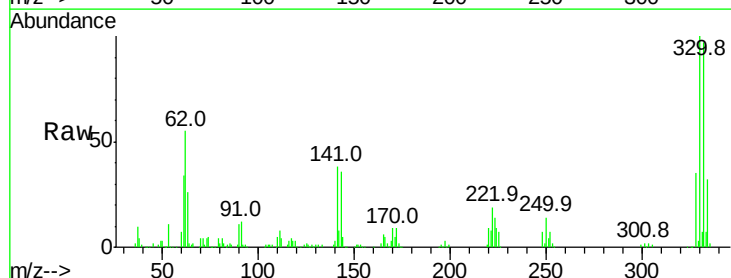
Instrument :
 BNA_F
 ClientSampleId :
 B-27-S2(14-16)

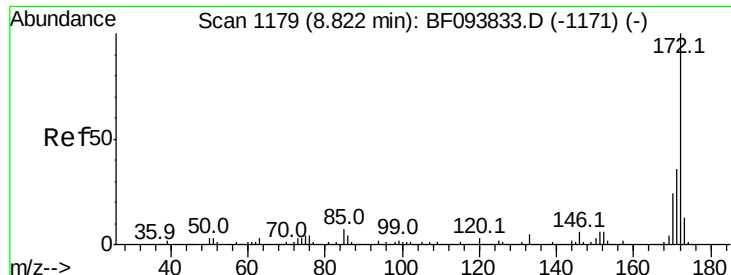
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	46.1	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.97 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.9	31.4	47.2



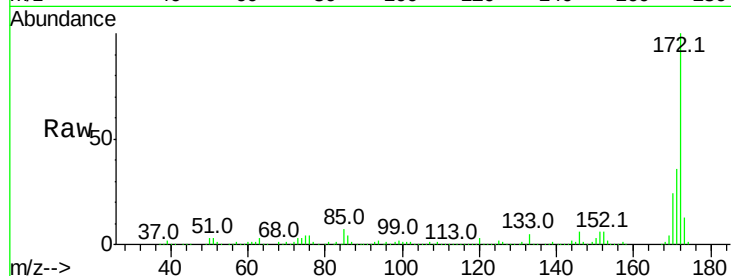


#44
2-Fluorobiphenyl
Concen: 75.75 ng
RT: 8.66 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

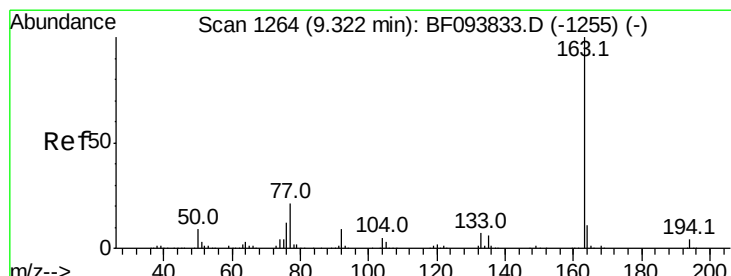
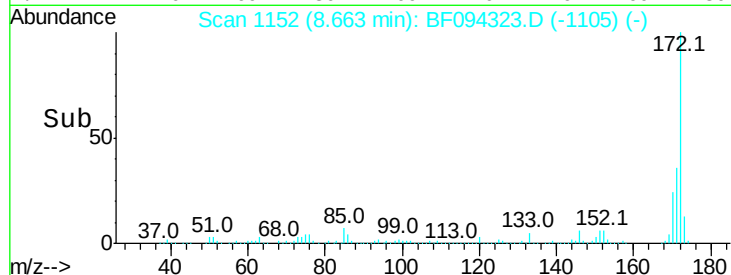
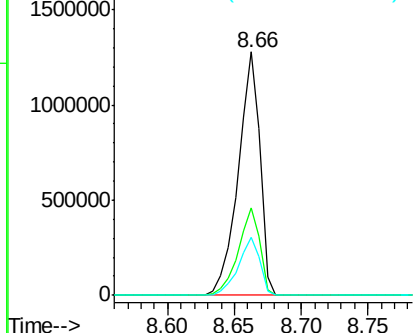
Instrument :
BNA_F
ClientSampleId :
B-27-S2(14-16)

Tot Ion:172 Resp: 1445968

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8



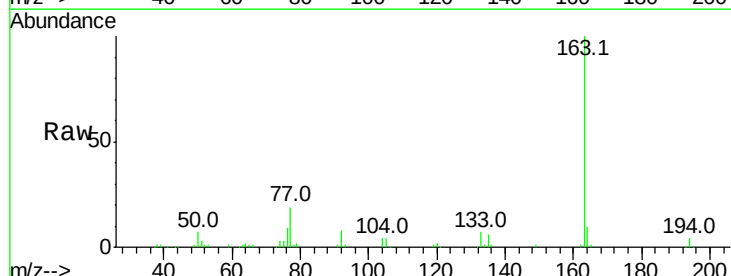
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



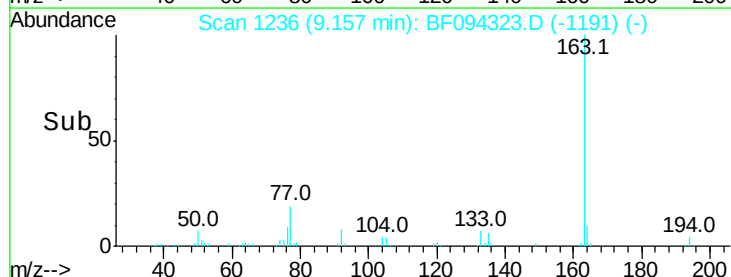
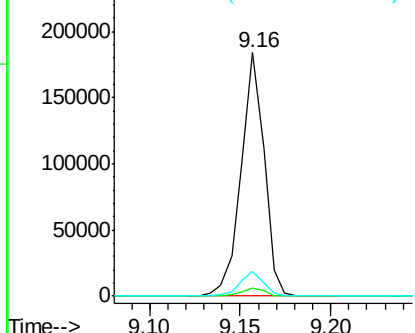
#49
Dimethylphthalate
Concen: 7.92 ng
RT: 9.16 min Scan# 1236
Delta R.T. -0.04 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

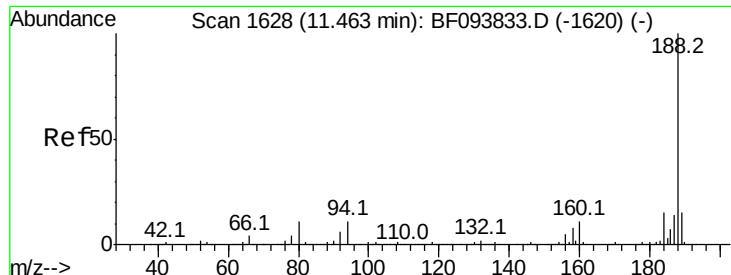
Tgt Ion:163 Resp: 163839

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6



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

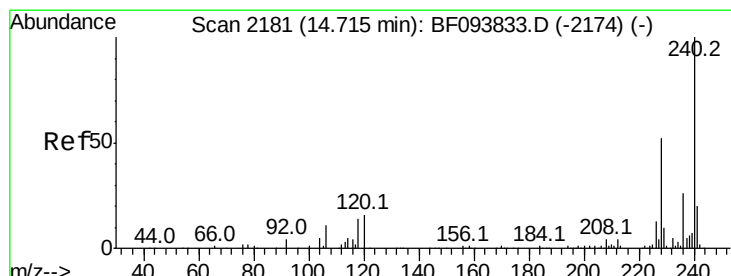
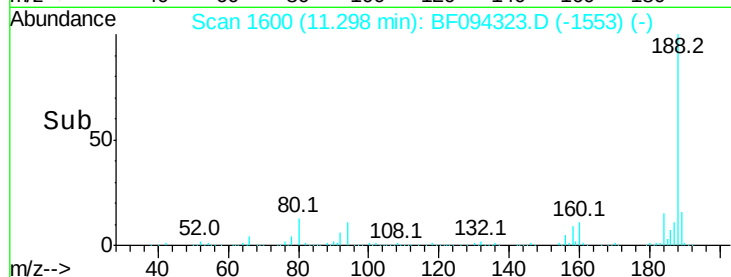
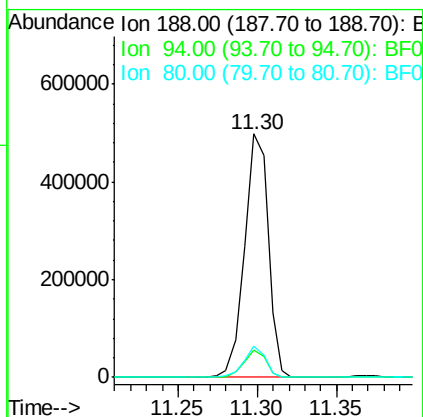
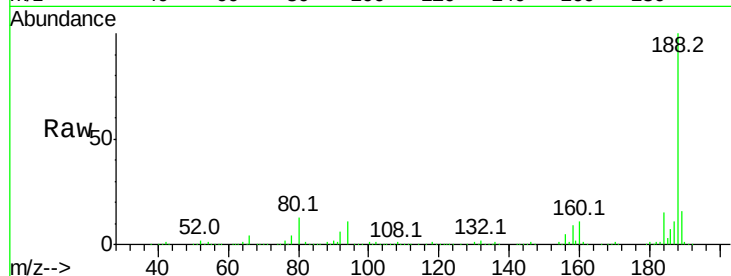




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

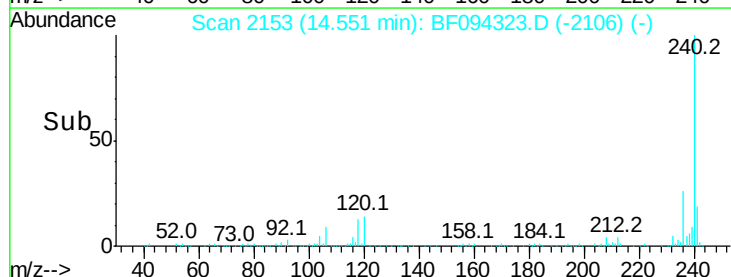
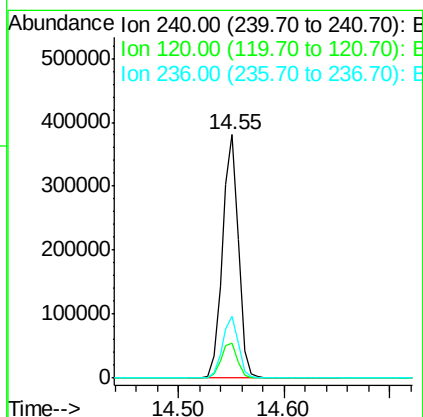
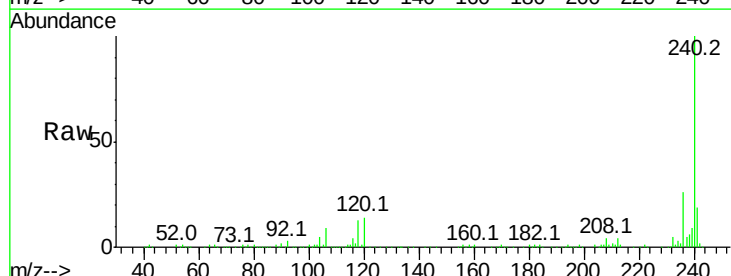
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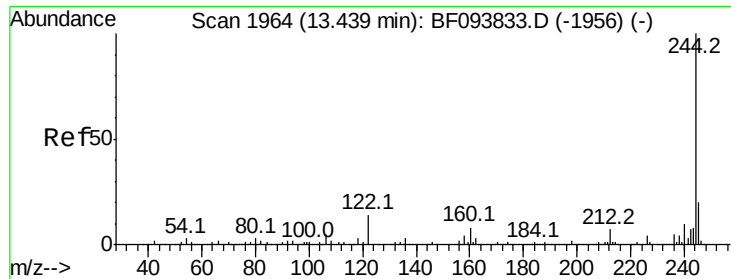
Tot Ion:188 Resp: 517340
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 13.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 2153
Delta R.T. -0.02 min
Lab File: BF094323.D
Acq: 10 Apr 2017 20:44

Tgt Ion:240 Resp: 402435
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 25.5 20.5 30.7

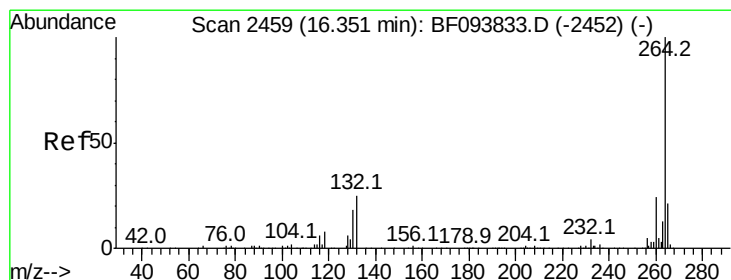
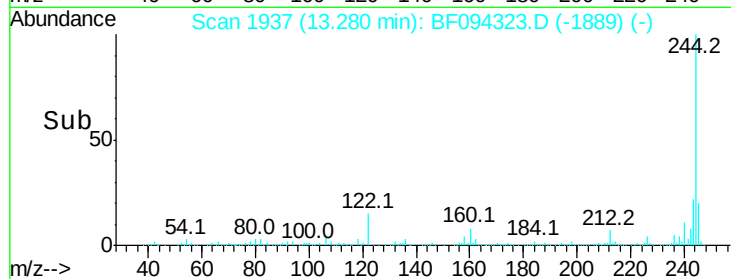
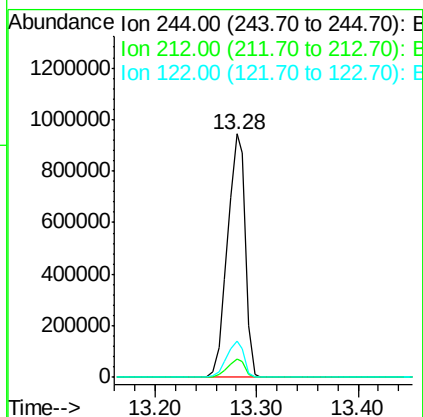
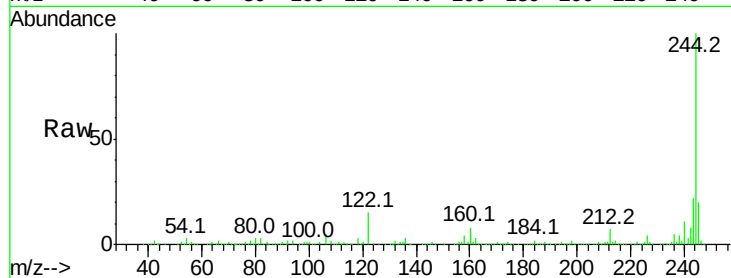




#78
 Terphenyl-d14
 Concen: 63.88 ng
 RT: 13.28 min Scan# 1937
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Instrument :
 BNA_F
 ClientSampleId :
 B-27-S2(14-16)

Tot Ion:244 Resp: 1146966
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 14.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BF094323.D
 Acq: 10 Apr 2017 20:44

Tgt Ion:264 Resp: 271936
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.8 17.2 25.8

