

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092715.D
 Acq On : 1 Feb 2017 20:14
 Operator : SJ/MA
 Sample : I1597-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Quant Time: Feb 02 00:15:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

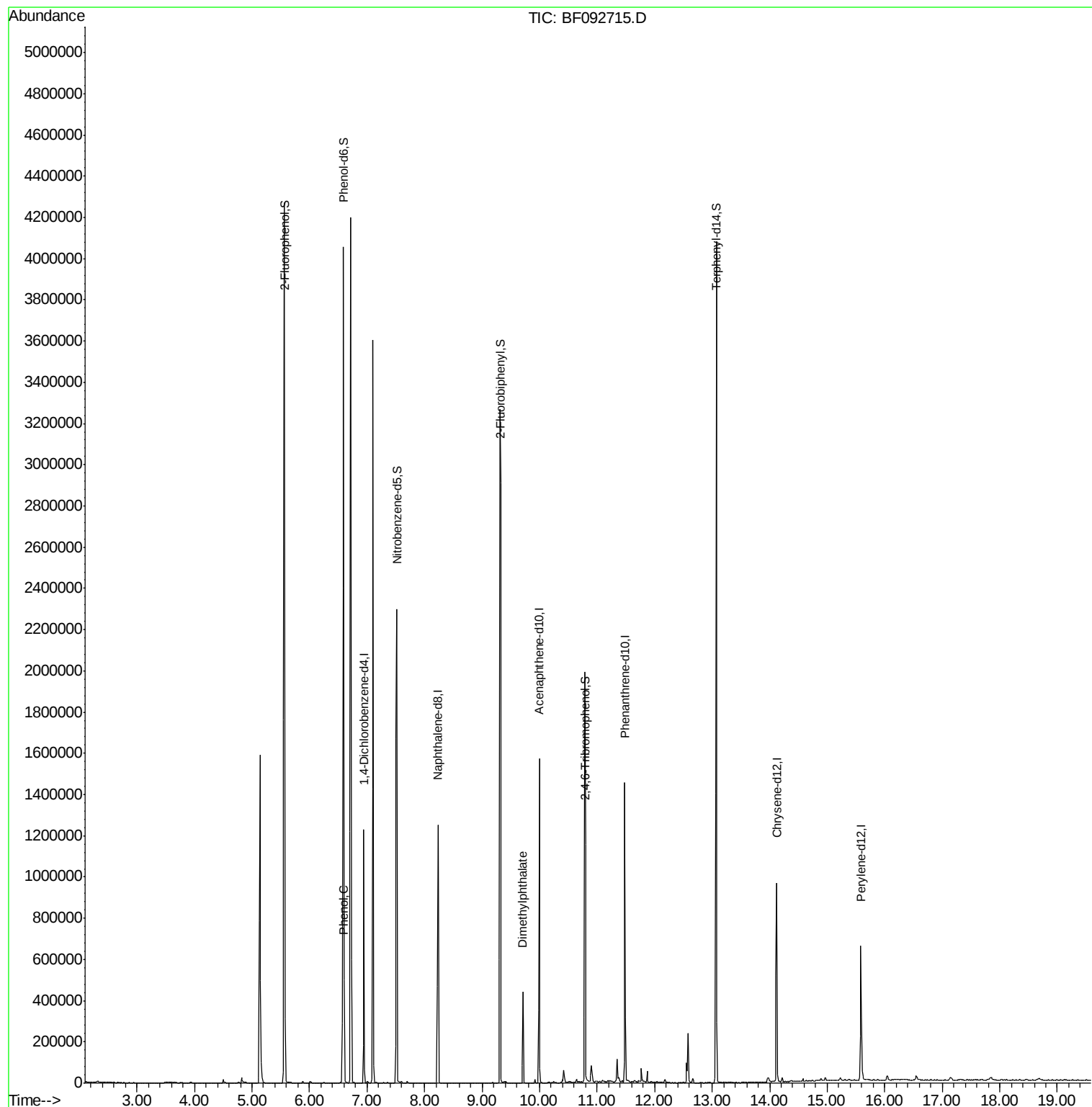
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	167831	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	607770	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	333236	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	510950	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	390724	20.00	ng	-0.02
86) Perylene-d12	15.59	264	296024	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1190753	121.72	ng	-0.01
7) Phenol-d6	6.59	99	1597567	126.92	ng	-0.01
23) Nitrobenzene-d5	7.52	82	971841	89.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	304703	126.42	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1639683	89.14	ng	-0.01
78) Terphenyl-d14	13.07	244	1271544	76.47	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	133468	9.06	ng	Qvalue # 63
49) Dimethylphthalate	9.71	163	177267	7.90	ng	99

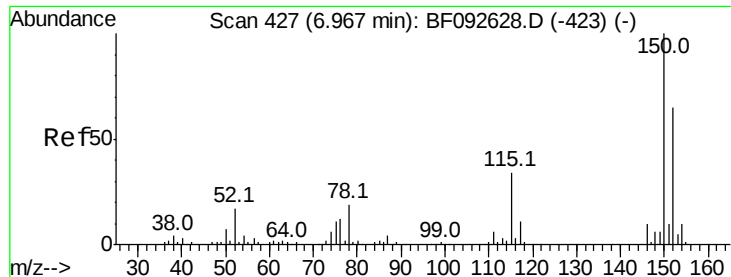
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

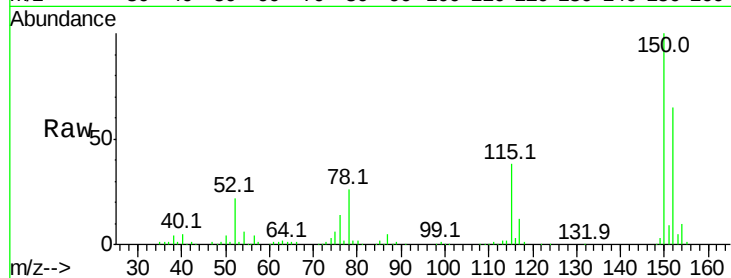
Tot Ion:152 Resp: 167831

Ion Ratio Lower Upper

152 100

150 153.4 124.9 187.3

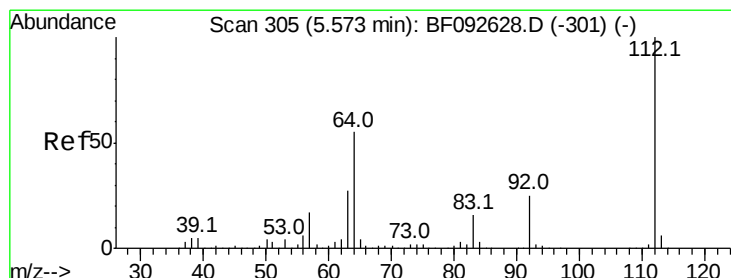
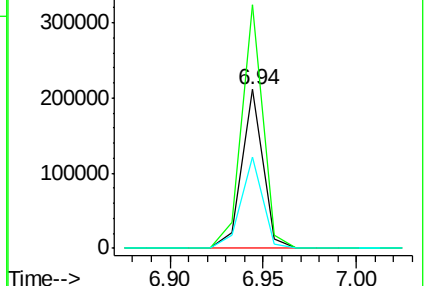
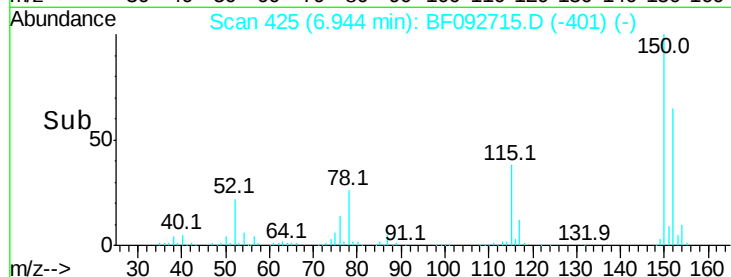
115 57.9 46.0 69.0



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: 121.72 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

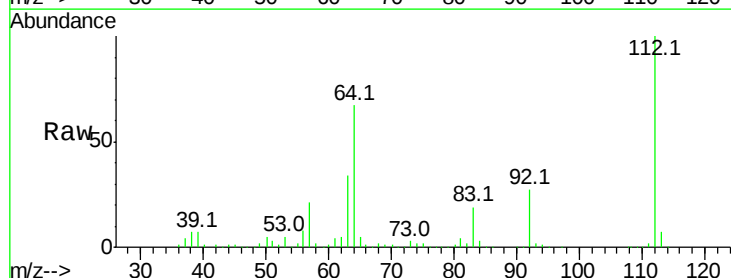
Tgt Ion:112 Resp: 1190753

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

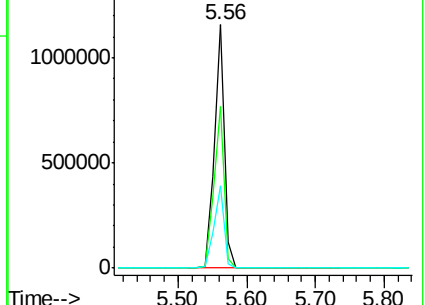
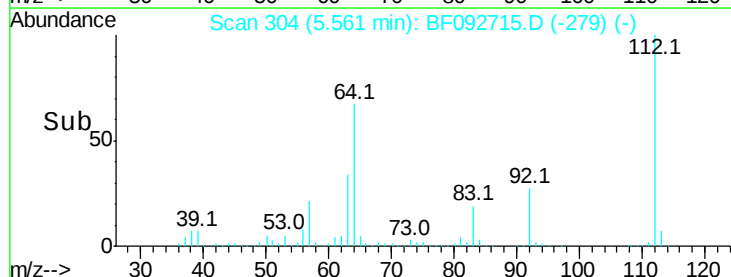
63 33.7 23.8 35.6

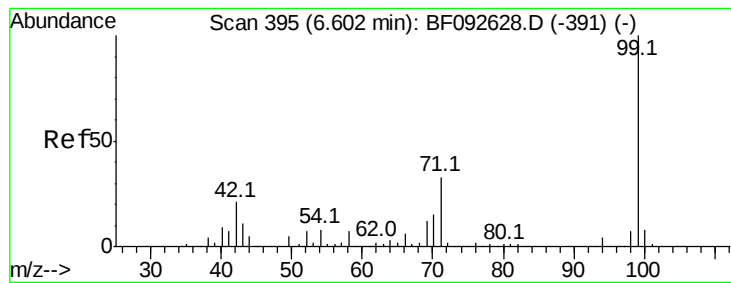


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.92 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

Instrument :

BNA_F

ClientSampleId :

SB-31-COMP

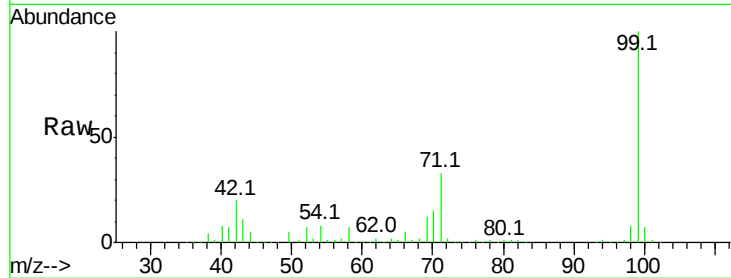
Tot Ion: 99 Resp: 1597567

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	32.9	27.5	41.3

99 100

42 20.1 15.6 23.4

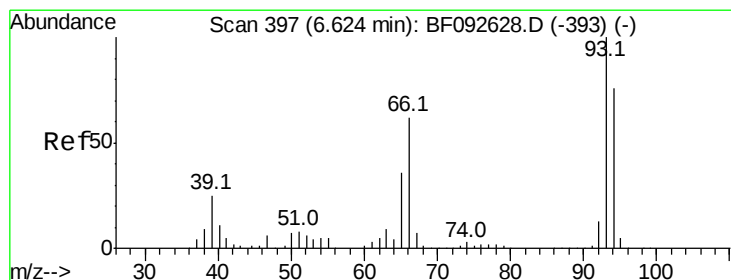
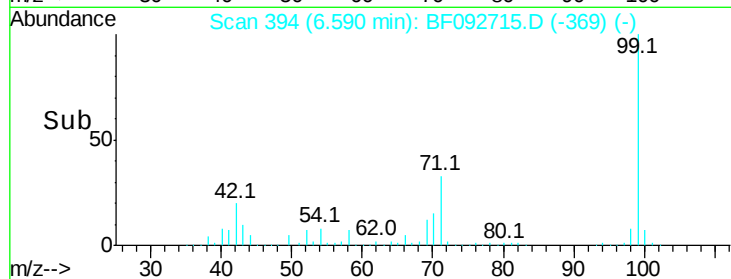
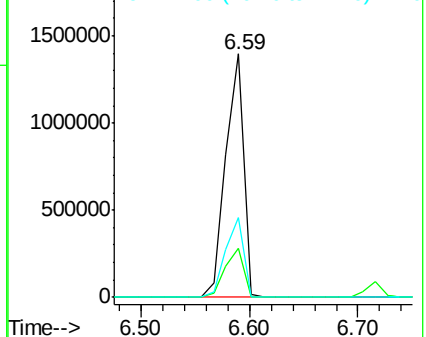
71 32.9 27.5 41.3



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: 9.06 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092715.D

Acq: 1 Feb 2017 20:14

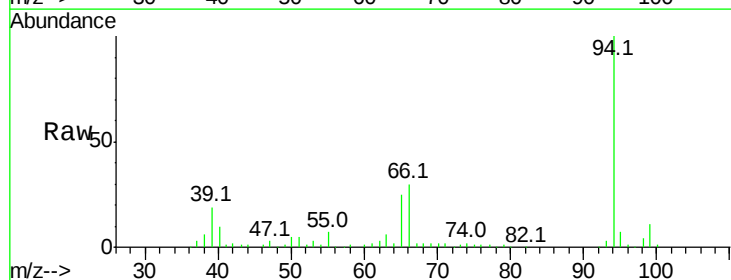
Tgt Ion: 94 Resp: 133468

Ion	Ratio	Lower	Upper
94	100		
65	24.6	21.4	61.4
66	30.4	44.0	84.0#

94 100

65 24.6 21.4 61.4

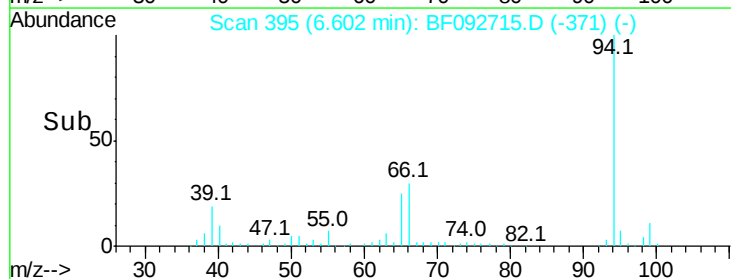
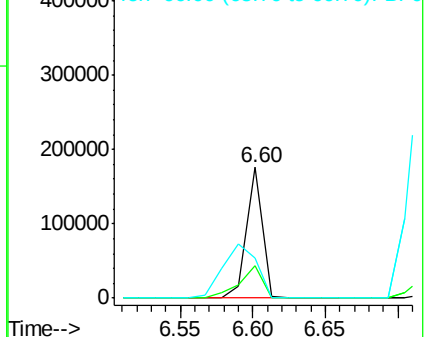
66 30.4 44.0 84.0#

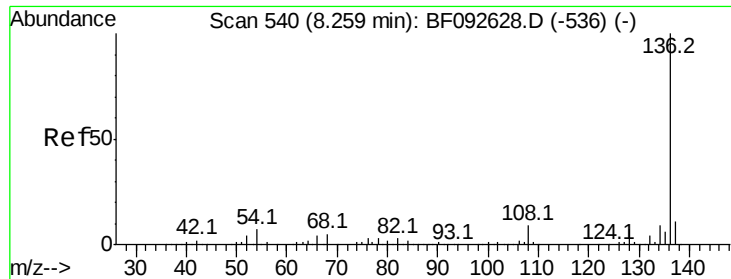


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

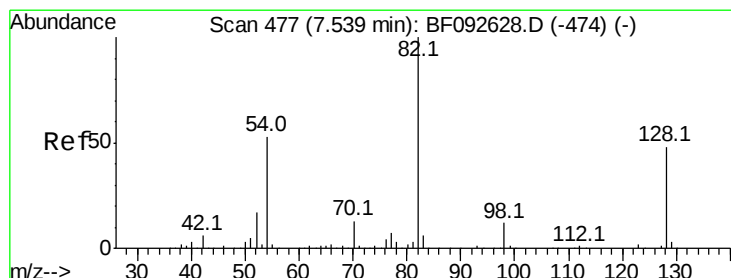
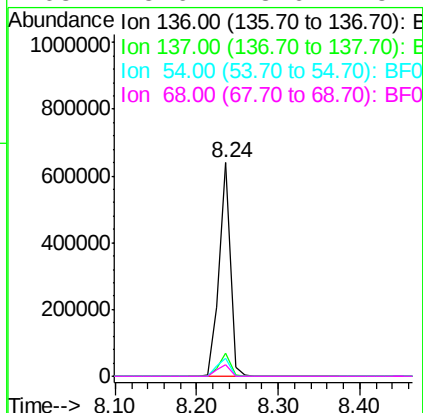
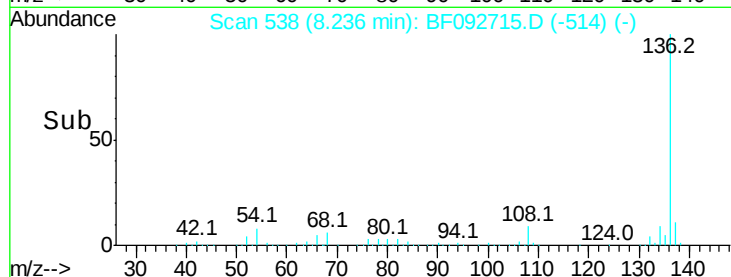
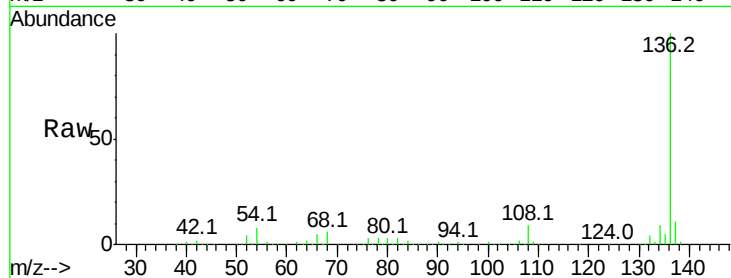




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

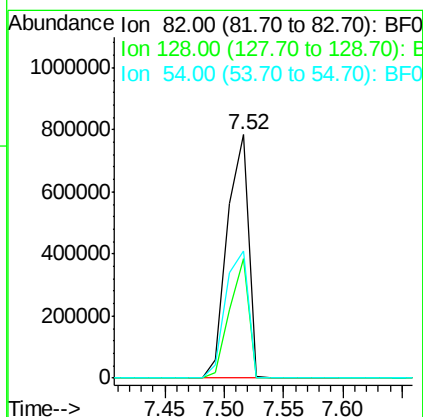
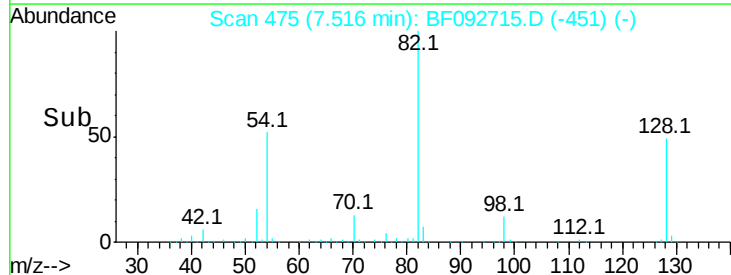
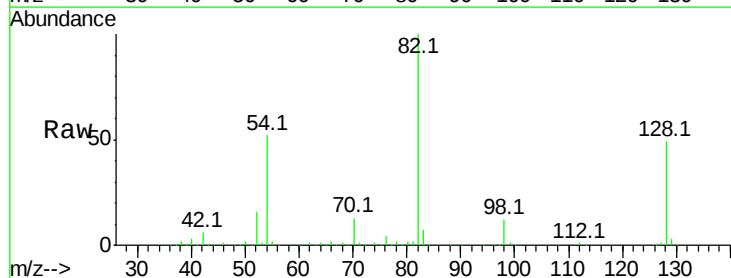
Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

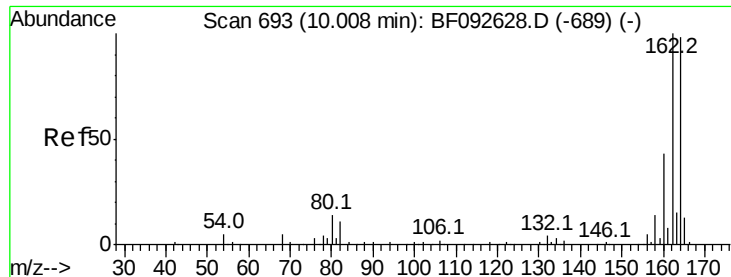
Tot Ion:136	Resp:	607770
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.4 12.6
54	8.4	4.5 6.7#
68	5.6	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 89.05 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Tgt Ion: 82	Resp:	971841
Ion	Ratio	Lower Upper
82	100	
128	49.0	34.6 52.0
54	52.1	39.5 59.3

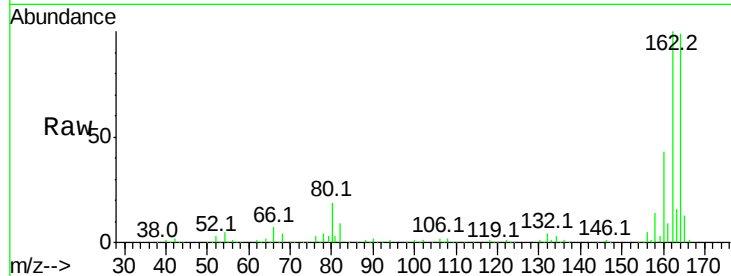




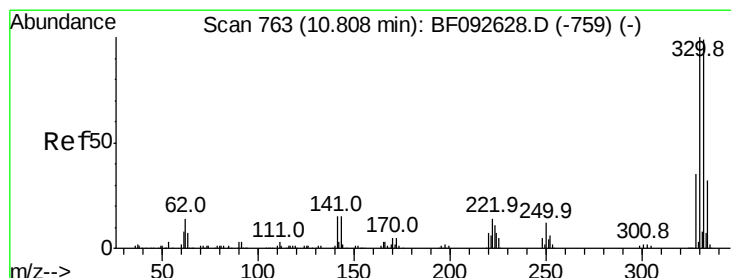
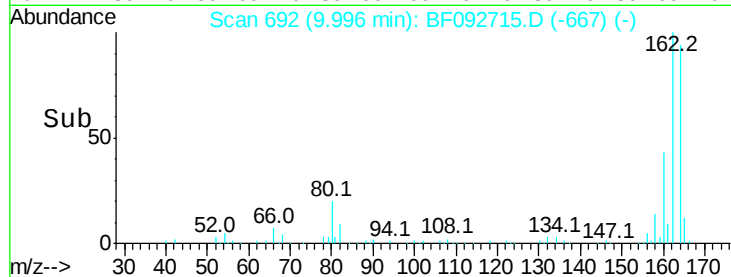
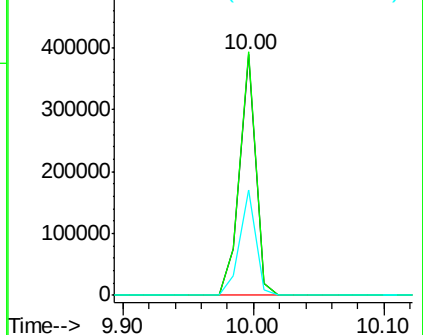
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.6	36.9	55.3

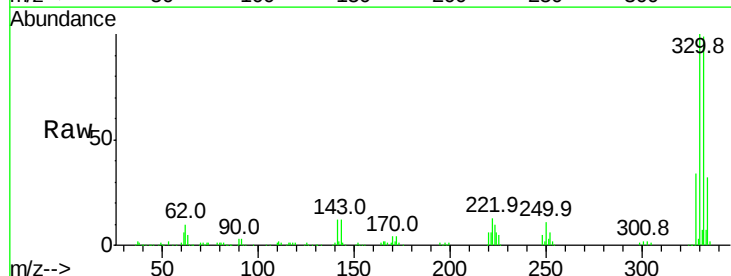


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

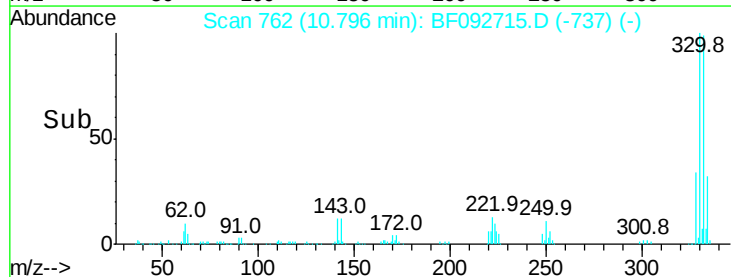
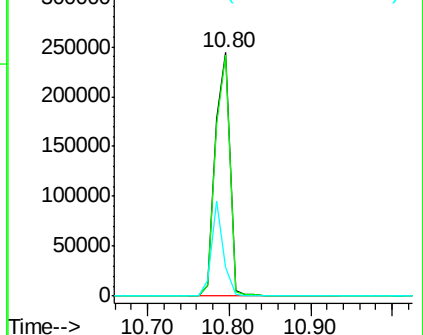


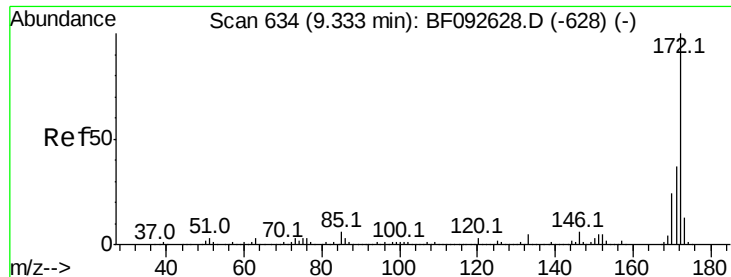
#41
2,4,6-Tribromophenol
Concen: 126.42 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.4	116.2
141	32.3	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



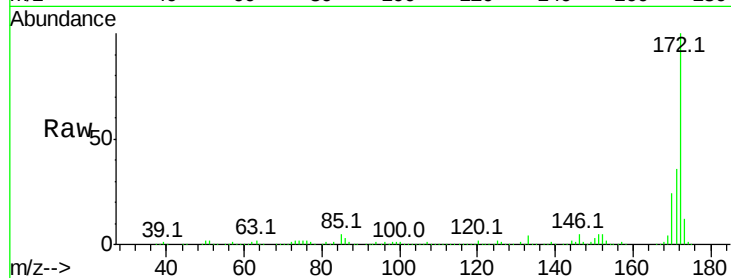


#44
 2-Fluorobiphenyl
 Concen: 89.14 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

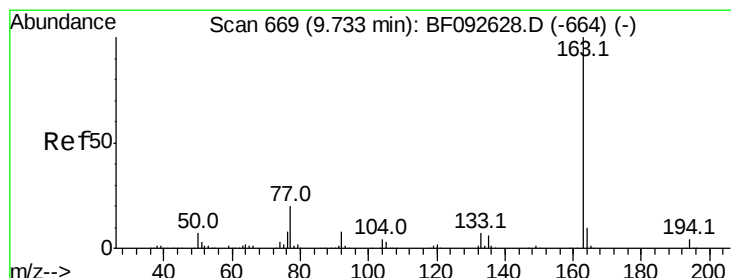
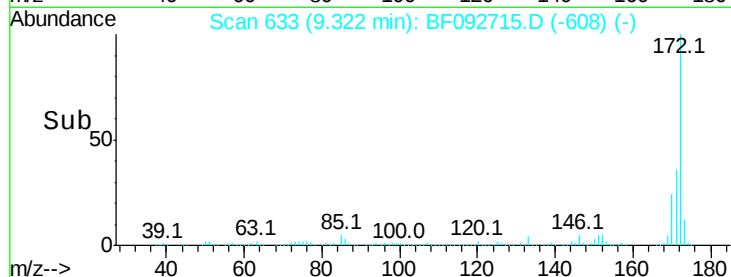
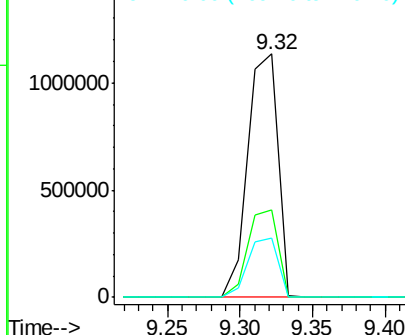
Instrument :
 BNA_F
 ClientSampleId :
 SB-31-COMP

Tot Ion:172 Resp: 1639683

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.2	20.2	30.4



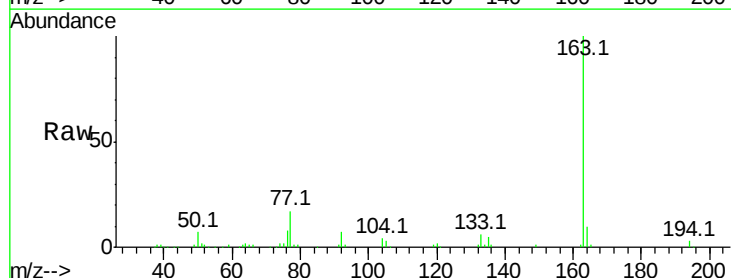
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



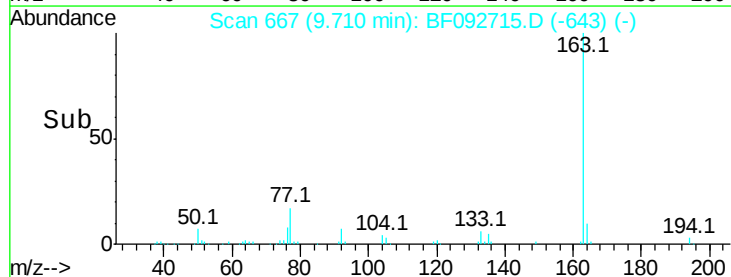
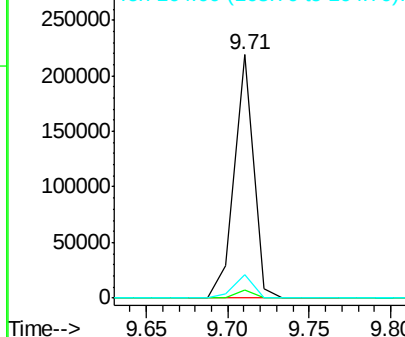
#49
 Dimethylphthalate
 Concen: 7.90 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

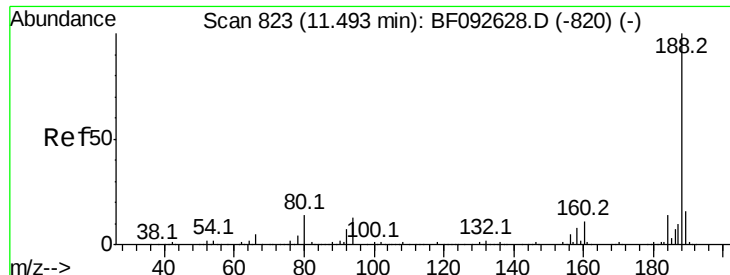
Tgt Ion:163 Resp: 177267

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	9.6	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

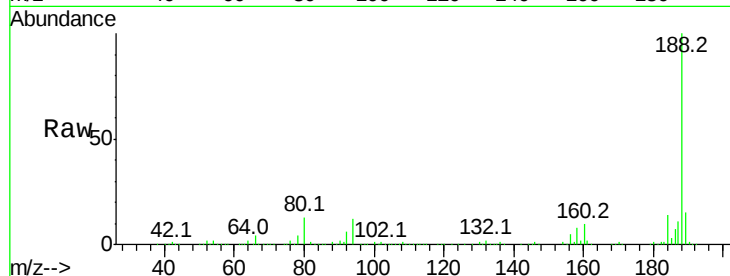




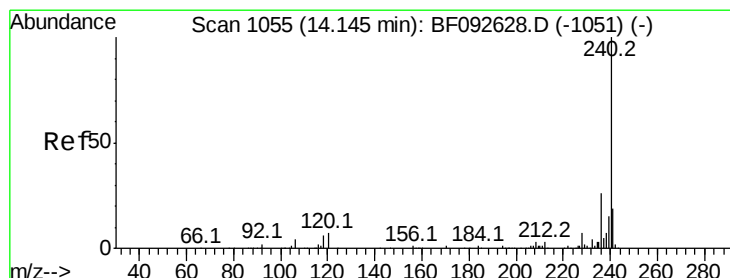
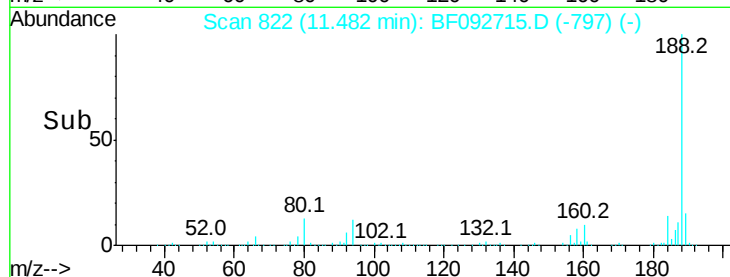
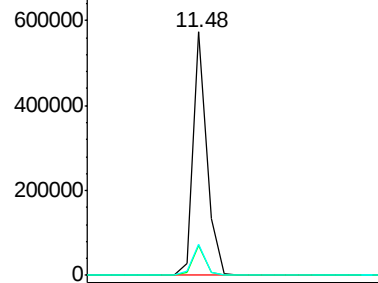
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Instrument :
BNA_F
ClientSampleId :
SB-31-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	12.9	11.2	16.8

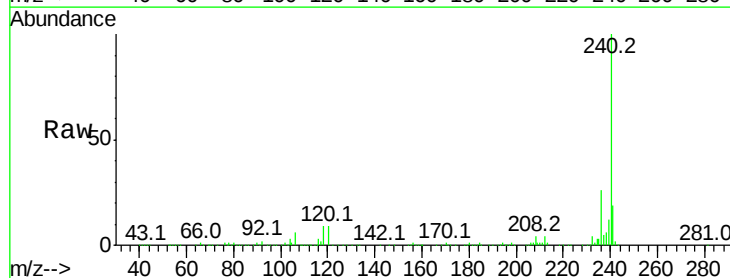


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

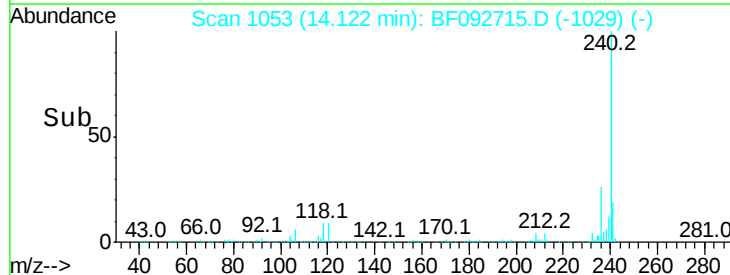
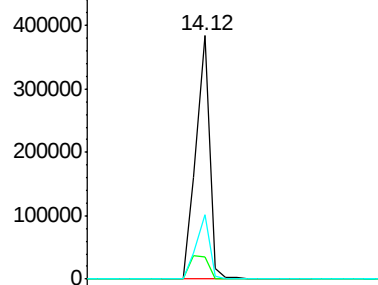


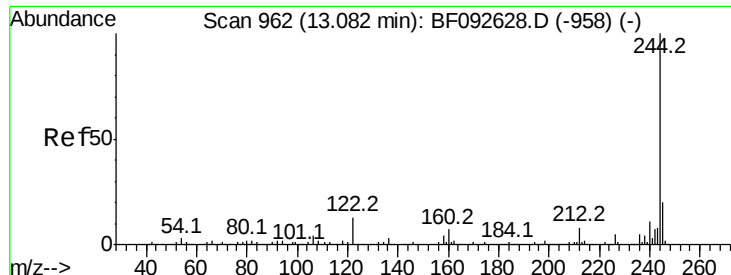
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BF092715.D
Acq: 1 Feb 2017 20:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	12.9	19.3#
236	26.5	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

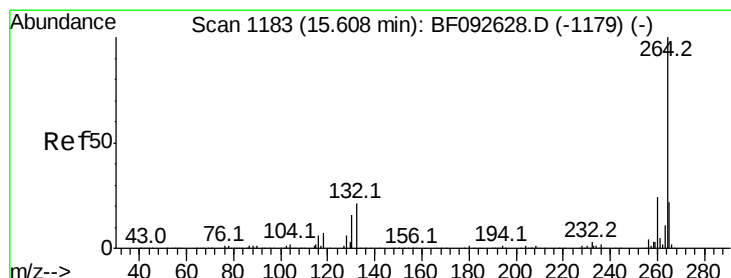
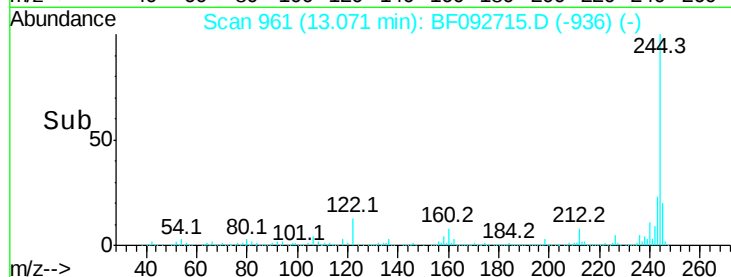
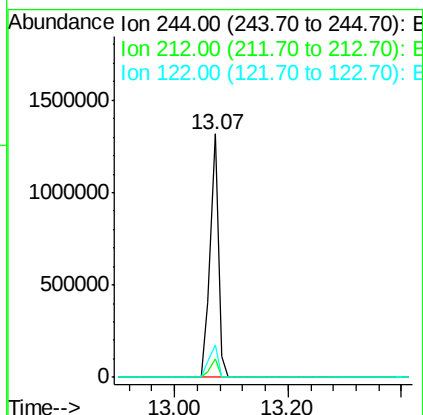
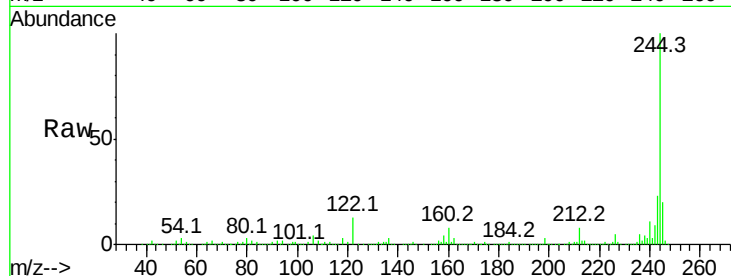




#78
 Terphenyl-d14
 Concen: 76.47 ng
 RT: 13.07 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Instrument :
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 ClientSampleId :
 SB-31-COMP

Tot Ion:244 Resp: 1271544
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092715.D
 Acq: 1 Feb 2017 20:14

Tgt Ion:264 Resp: 296024
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.3 17.4 26.0

