

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090417.D
 Acq On : 6 Oct 2016 8:29
 Operator : UM/SJ
 Sample : H5018-01RE
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-71-092816RE

Quant Time: Oct 06 13:16:15 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

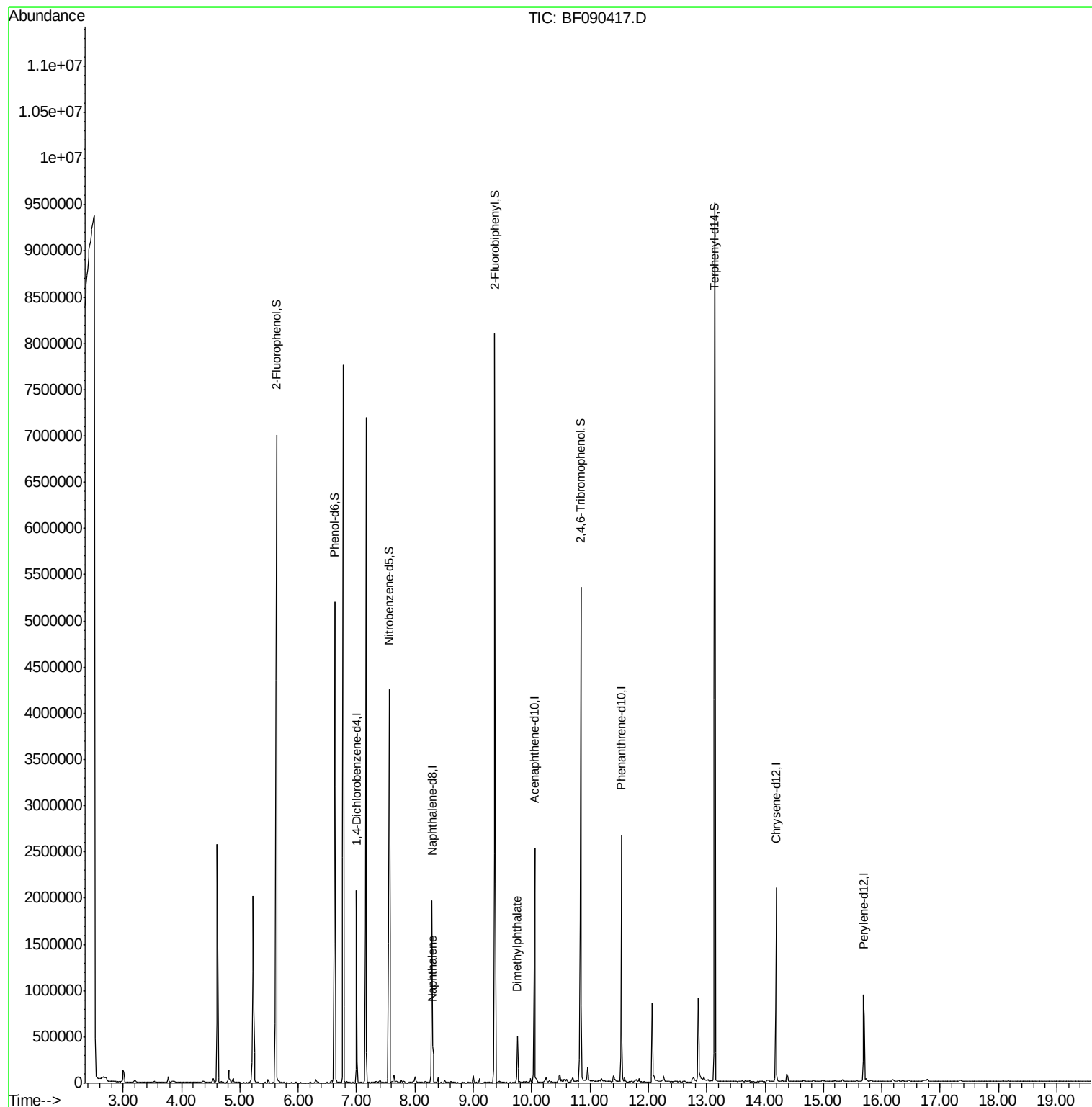
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	262073	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1116464	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	570258	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	852202	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	691153	20.00	ng	-0.01
86) Perylene-d12	15.69	264	434778	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	2246061	127.91	ng	0.02
7) Phenol-d6	6.62	99	2533118	110.14	ng	0.00
23) Nitrobenzene-d5	7.56	82	1813235	79.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	657642	141.83	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2842123	83.04	ng	-0.01
78) Terphenyl-d14	13.14	244	3037437	98.80	ng	0.00
Target Compounds						
31) Naphthalene	8.30	128	228955	4.25	ng	Qvalue 97
49) Dimethylphthalate	9.75	163	202201	5.54	ng	# 98

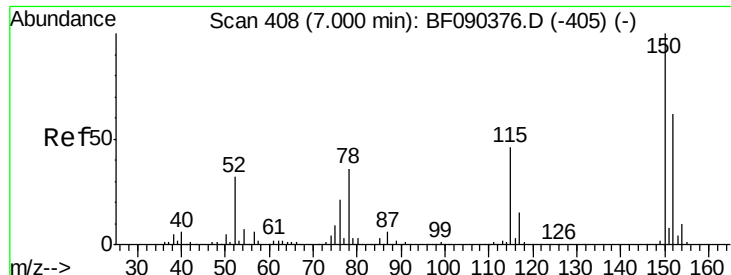
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090417.D

Acq: 6 Oct 2016 8:29

Instrument :

BNA_F

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HSR-WC-71-092816RE

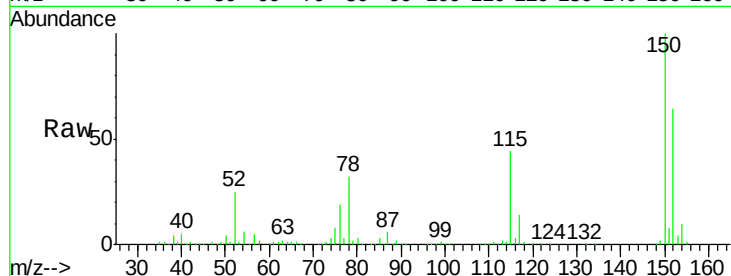
Tgt Ion:152 Resp: 262073

Ion Ratio Lower Upper

152 100

150 155.9 124.6 186.8

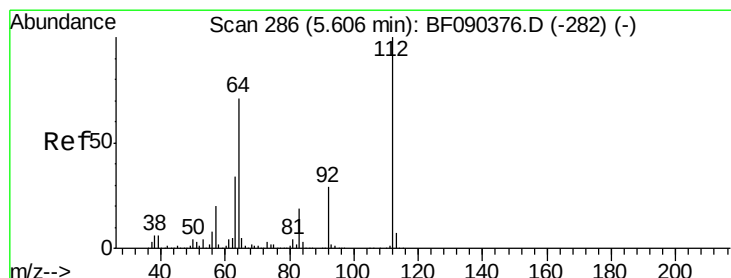
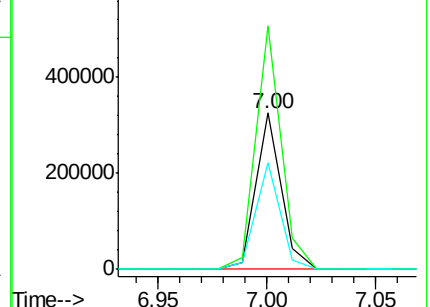
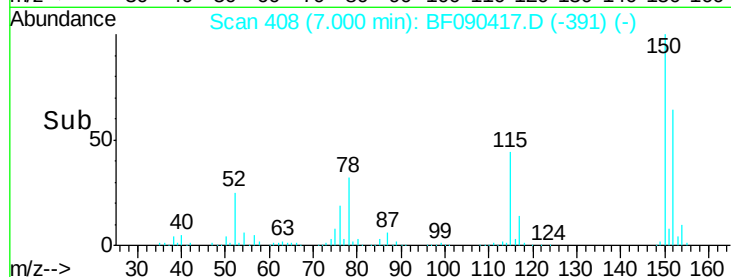
115 68.4 46.2 69.4



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: 127.91 ng

RT: 5.63 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF090417.D

Acq: 6 Oct 2016 8:29

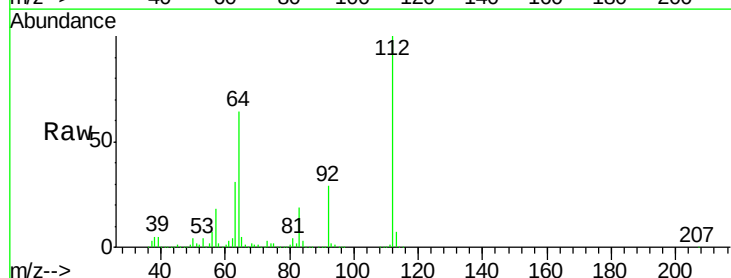
Tgt Ion:112 Resp: 2246061

Ion Ratio Lower Upper

112 100

64 64.1 57.9 86.9

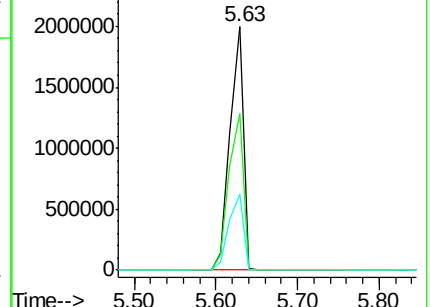
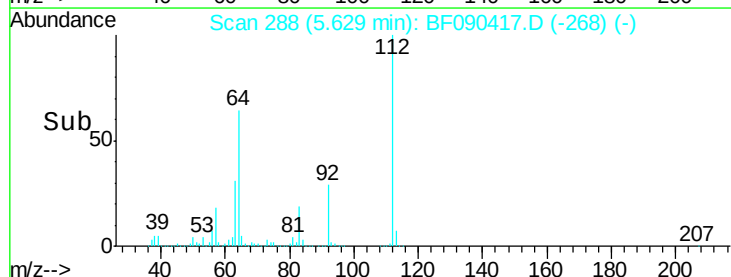
63 31.3 29.6 44.4

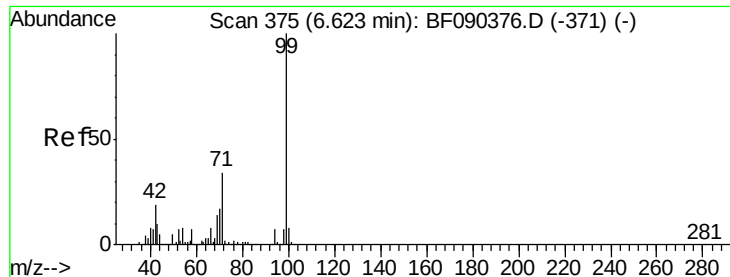


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.14 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090417.D

Acq: 6 Oct 2016 8:29

Instrument :

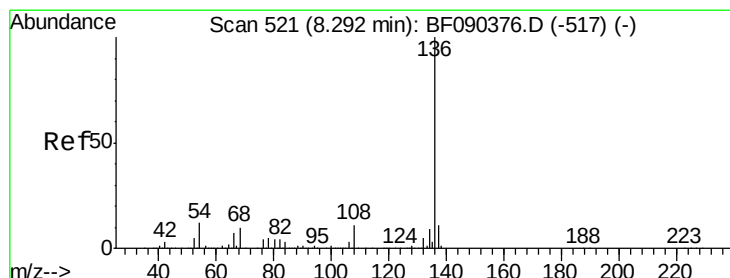
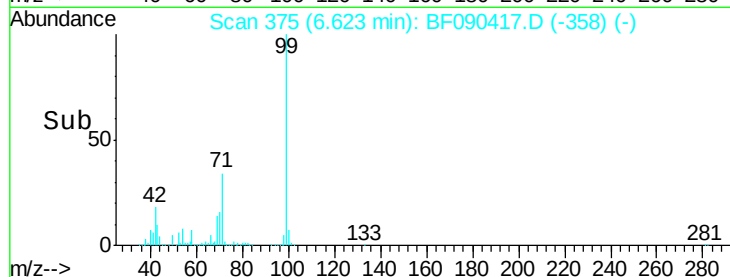
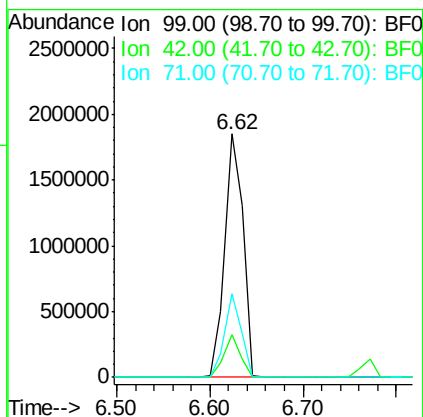
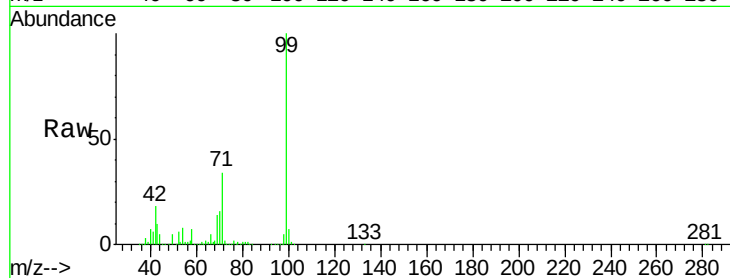
BNA_F

ClientSampleId :

HSR-WC-71-092816RE

Tgt Ion: 99 Resp: 2533118

Ion	Ratio	Lower	Upper
99	100		
42	17.8	20.0	30.0#
71	34.4	27.9	41.9



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

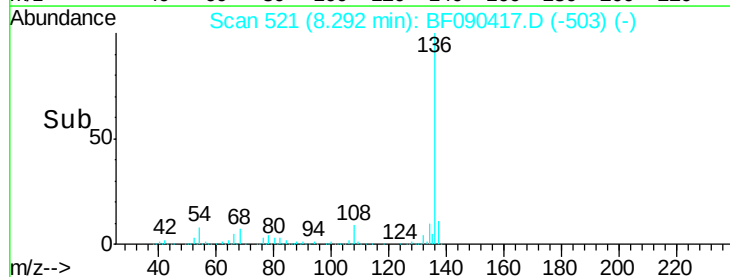
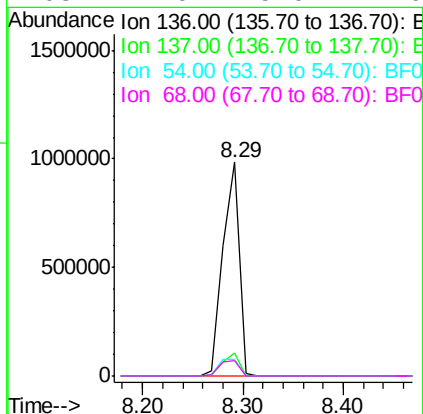
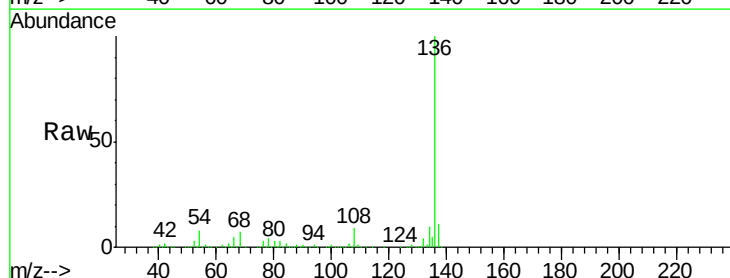
Delta R.T. 0.00 min

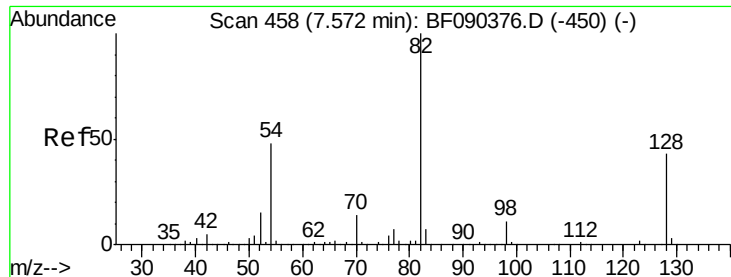
Lab File: BF090417.D

Acq: 6 Oct 2016 8:29

Tgt Ion: 136 Resp: 1116464

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.9	6.6	10.0
68	7.0	5.0	7.6

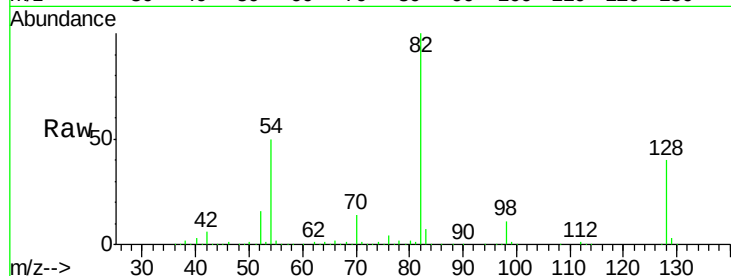




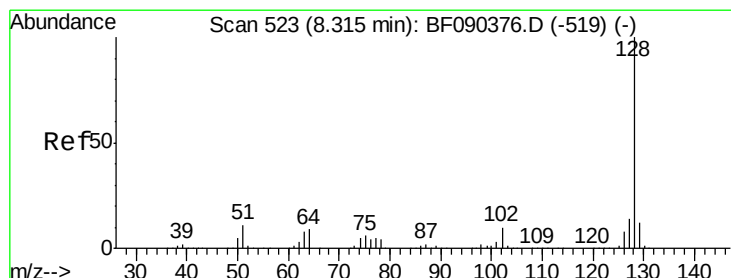
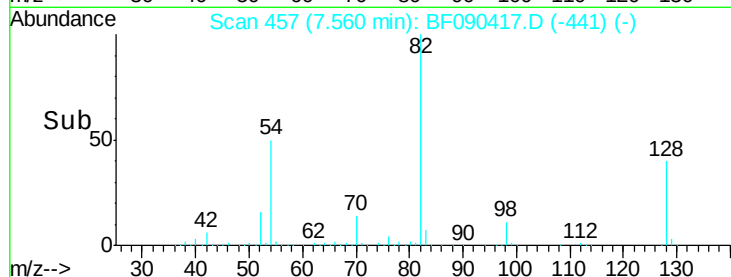
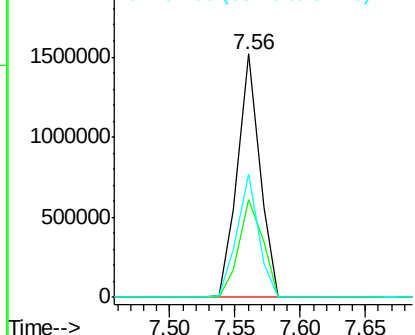
#23
 Nitrobenzene-d5
 Concen: 79.00 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090417.D
 Acq: 6 Oct 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-71-092816RE

Tgt Ion: 82 Resp: 1813235
 Ion Ratio Lower Upper
 82 100
 128 40.1 40.0 60.0
 54 50.5 42.6 64.0

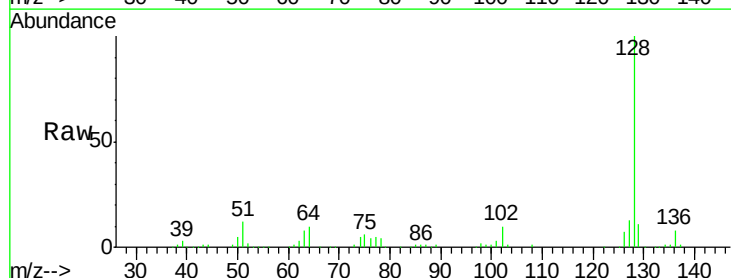


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

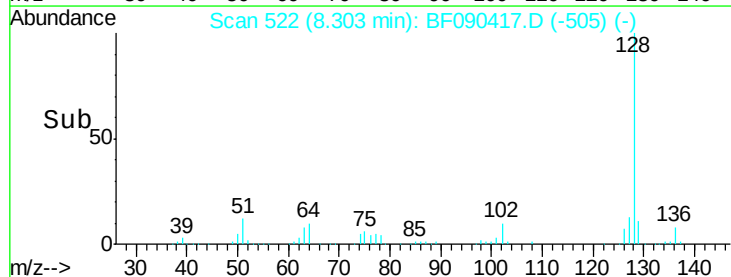
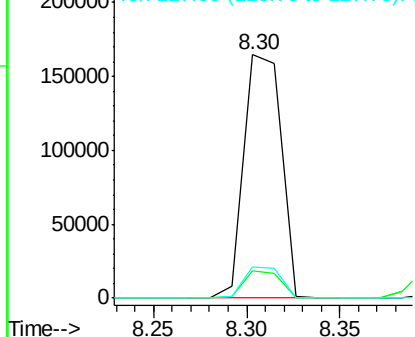


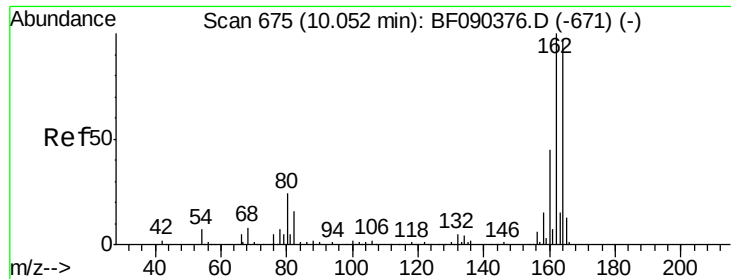
#31
 Naphthalene
 Concen: 4.25 ng
 RT: 8.30 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF090417.D
 Acq: 6 Oct 2016 8:29

Tgt Ion: 128 Resp: 228955
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.7 14.5
 127 12.9 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090417.D

Acq: 6 Oct 2016 8:29

Instrument :

BNA_F

ClientSampleId :

HSR-WC-71-092816RE

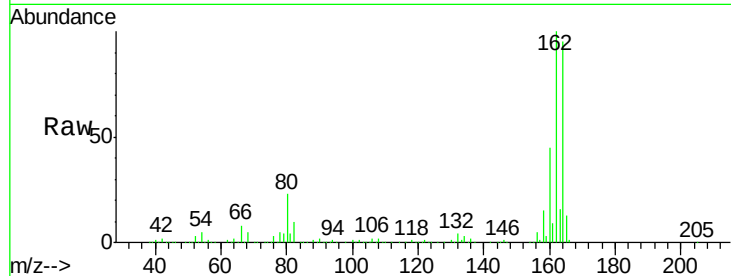
Tgt Ion:164 Resp: 570258

Ion Ratio Lower Upper

164 100

162 105.2 80.1 120.1

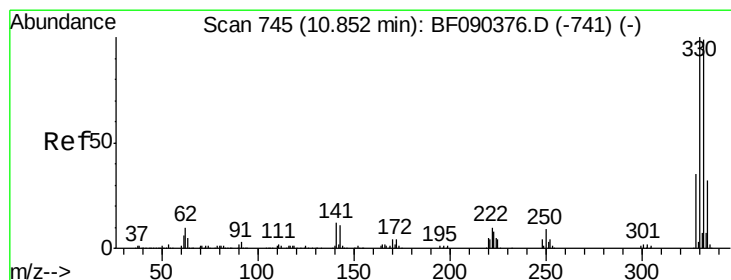
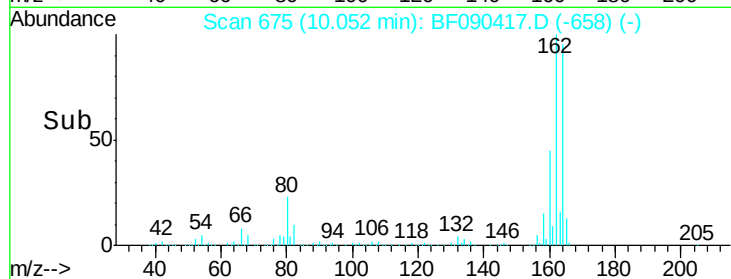
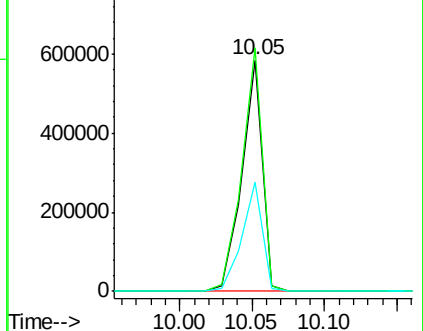
160 47.1 36.3 54.5



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: 141.83 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090417.D

Acq: 6 Oct 2016 8:29

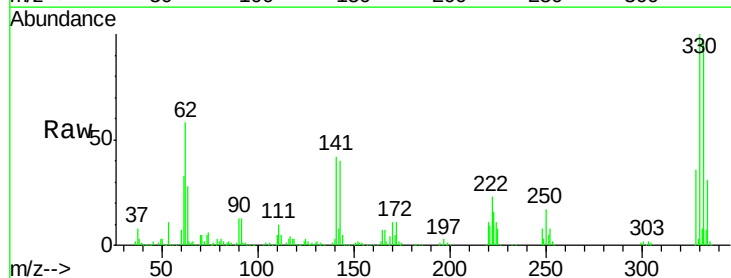
Tgt Ion:330 Resp: 657642

Ion Ratio Lower Upper

330 100

332 96.7 75.4 113.0

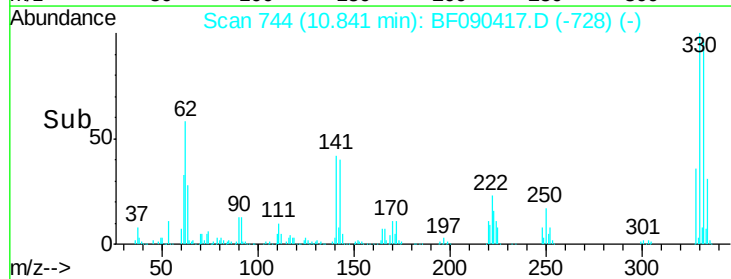
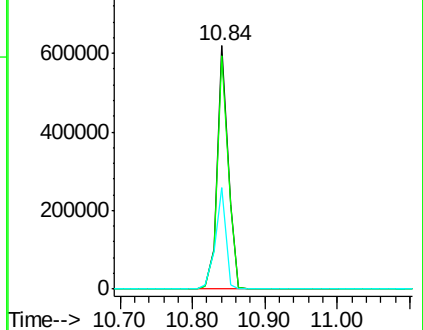
141 40.0 26.9 40.3

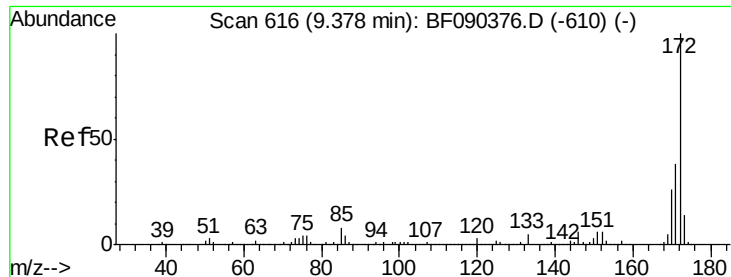


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

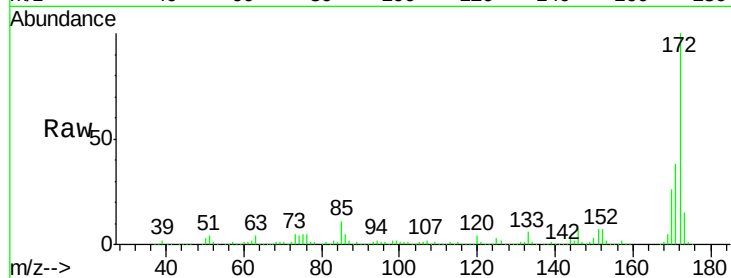




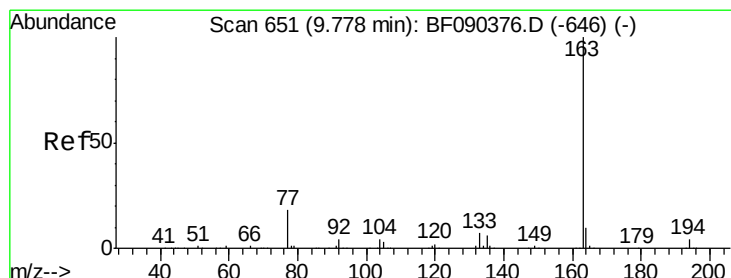
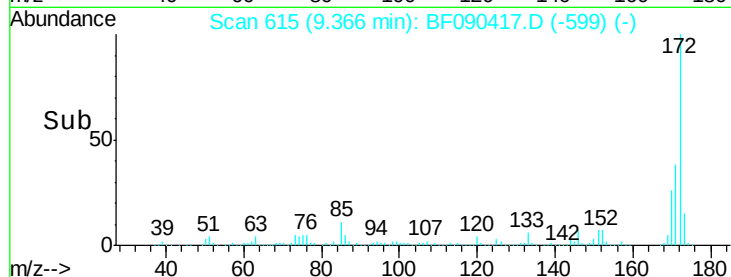
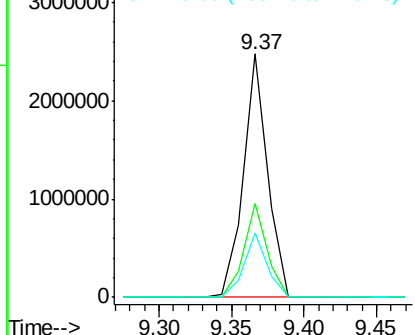
#44
 2-Fluorobiphenyl
 Concen: 83.04 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090417.D
 Acq: 6 Oct 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-71-092816RE

Tgt Ion:172 Resp: 2842123
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.8 47.8
 170 26.3 21.7 32.5

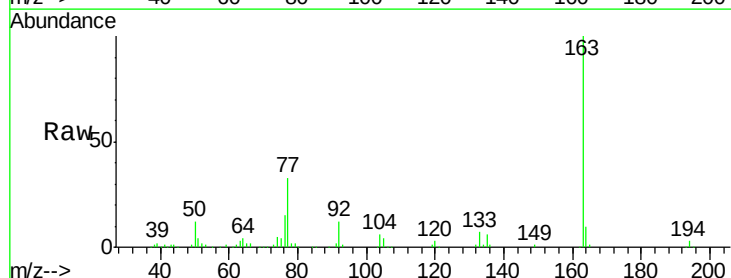


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

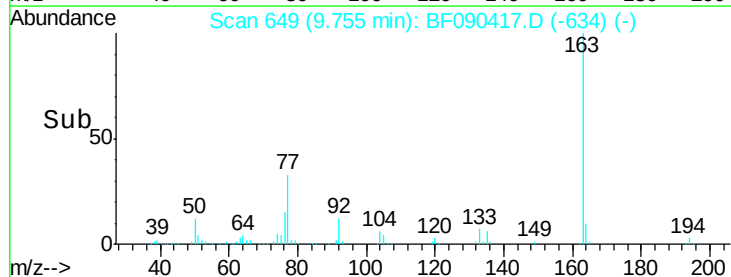
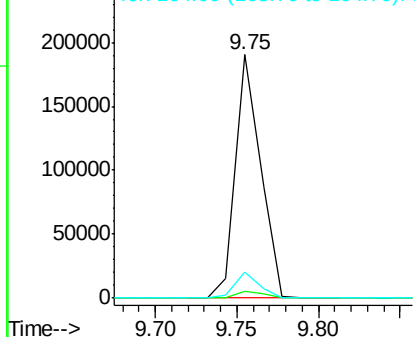


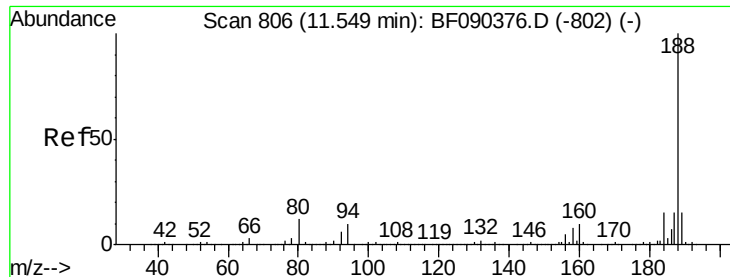
#49
 Dimethylphthalate
 Concen: 5.54 ng
 RT: 9.75 min Scan# 649
 Delta R.T. -0.02 min
 Lab File: BF090417.D
 Acq: 6 Oct 2016 8:29

Tgt Ion:163 Resp: 202201
 Ion Ratio Lower Upper
 163 100
 194 2.7 2.8 4.2#
 164 10.4 9.0 13.4



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

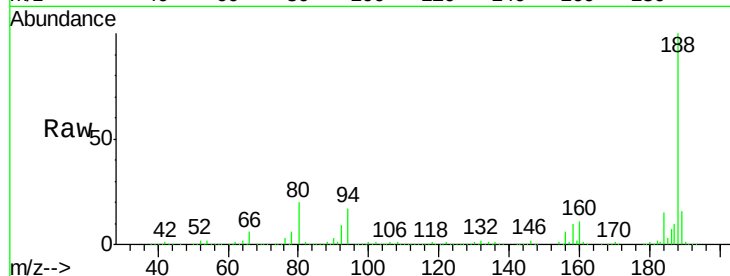




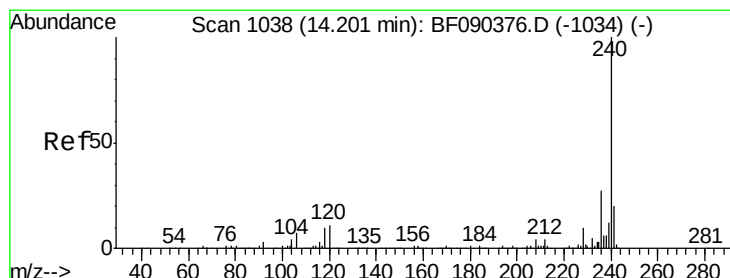
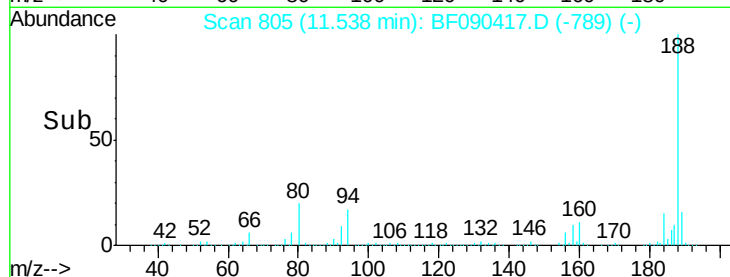
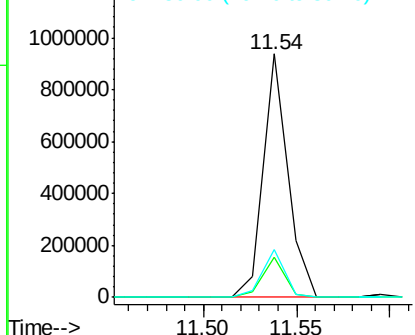
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Instrument :
BNA_F
ClientSampleId :
HSR-WC-71-092816RE

Tgt Ion:188 Resp: 852202
Ion Ratio Lower Upper
188 100
94 16.5 8.2 12.2#
80 19.6 8.8 13.2#

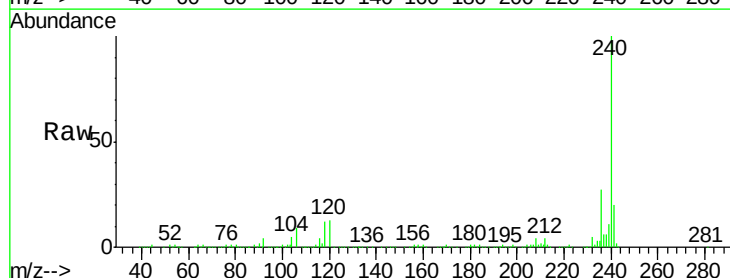


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

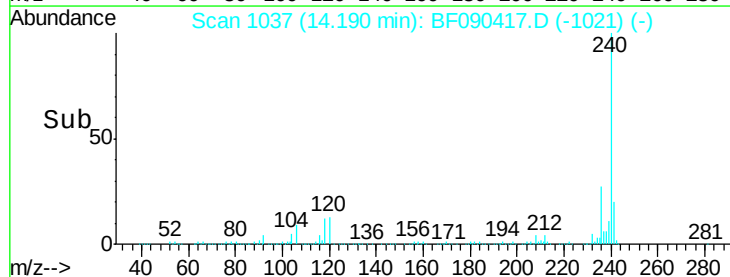
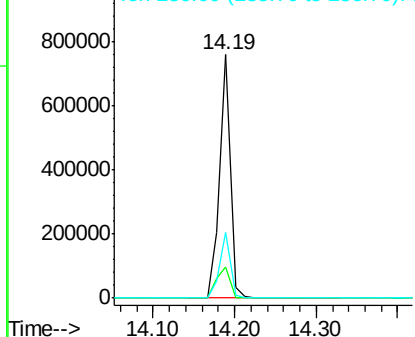


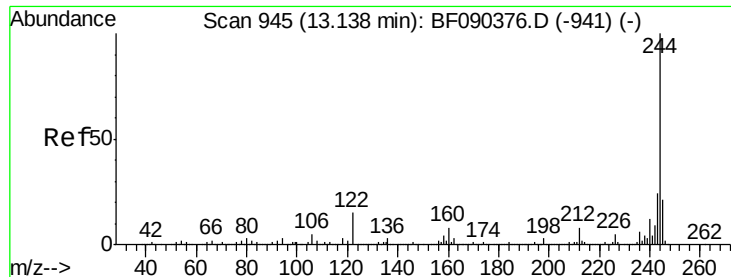
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090417.D
Acq: 6 Oct 2016 8:29

Tgt Ion:240 Resp: 691153
Ion Ratio Lower Upper
240 100
120 13.0 8.6 13.0#
236 27.1 21.6 32.4



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

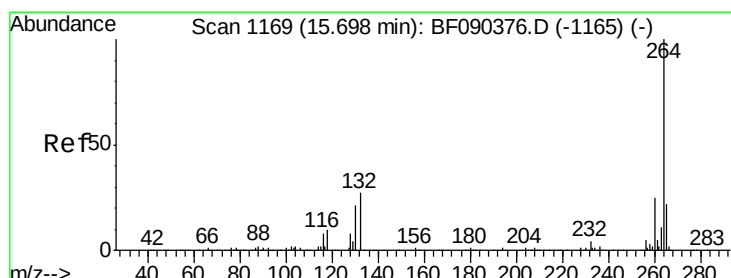
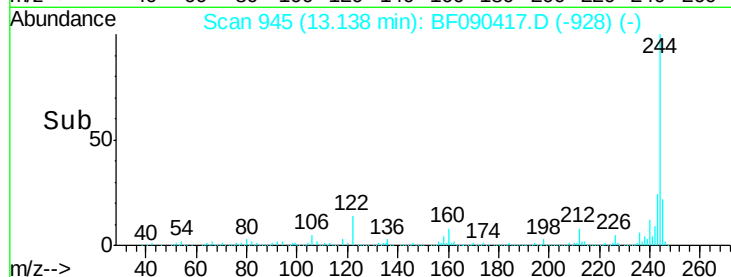
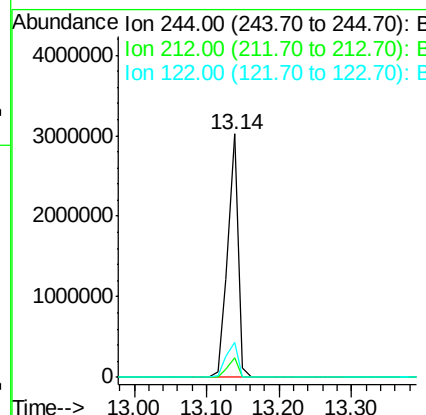
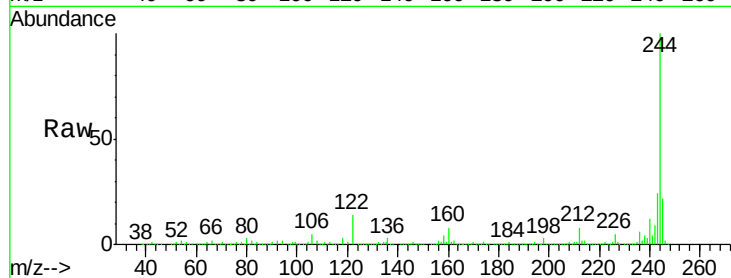




#78
 Terphenyl-d14
 Concen: 98.80 ng
 RT: 13.14 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF090417.D
 Acq: 6 Oct 2016 8:29

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-71-092816RE

Tgt Ion:244 Resp: 3037437
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.8 10.2
 122 14.4 13.3 19.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.69 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF090417.D
 Acq: 6 Oct 2016 8:29

Tgt Ion:264 Resp: 434778
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.3 28.9
 265 22.1 17.4 26.0

