

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF089001.D
 Acq On : 14 Jul 2016 22:51
 Operator : UM/SJ
 Sample : H3996-19
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C8-B2(0-5)C

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:32 AM

Quant Time: Jul 15 03:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	55820	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	212292	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	84572	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	135877	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	123141	20.00	ng	-0.03
86) Perylene-d12	15.18	264	90479	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	490571	131.71	ng	0.00
7) Phenol-d6	6.34	99	554709	115.26	ng	-0.01
23) Nitrobenzene-d5	7.26	82	382899	94.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	75813	96.54	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	595262	111.18	ng	-0.02
78) Terphenyl-d14	12.78	244	400535	72.45	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.44	163	86167	14.30	ng	99
74) Fluoranthene	12.40	202	18480	2.45	ng	94
87) Benzo(b)fluoranthene	14.80	252	12360m	2.18	ng	

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

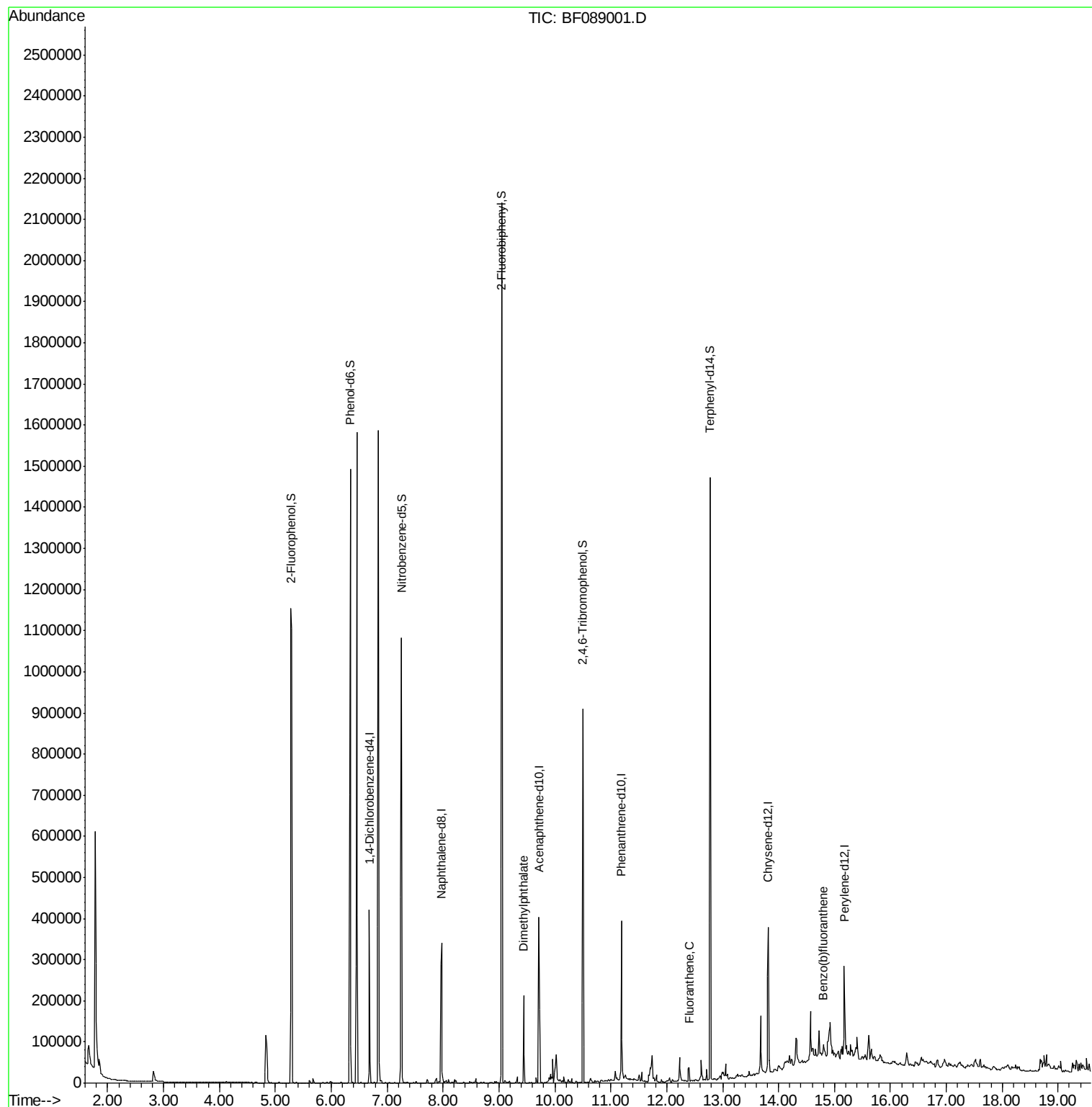
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF089001.D
Acq On : 14 Jul 2016 22:51
Operator : UM/SJ
Sample : H3996-19
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C8-B2(0-5)C

Manual Integrations

APPROVED
Sohil
7/15/2016 9:16:32 AM

Quant Time: Jul 15 03:35:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration





#1

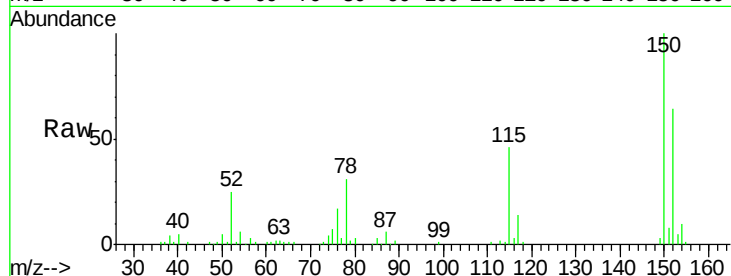
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089001.D
Acq: 14 Jul 2016 22:51

Instrument :
BNA_F
ClientSampled :
C8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	71.2	39.6	59.4

Manual Integrations

APPROVED
Sohil
7/15/2016 9:16:32 AM

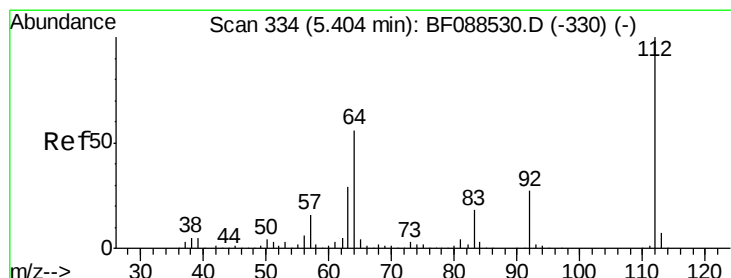
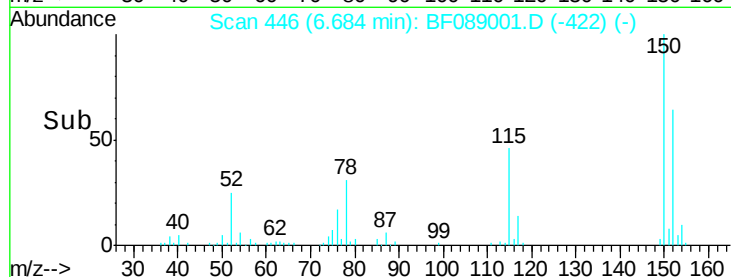
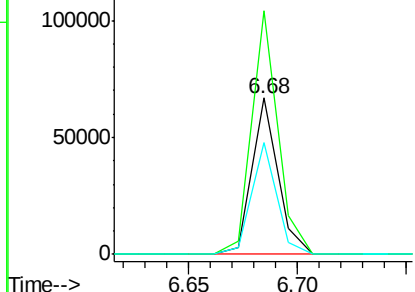


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

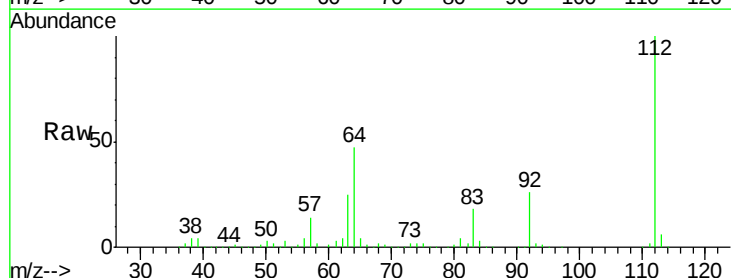
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.71 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF089001.D
Acq: 14 Jul 2016 22:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.1	42.2	63.2
63	24.8	21.8	32.8

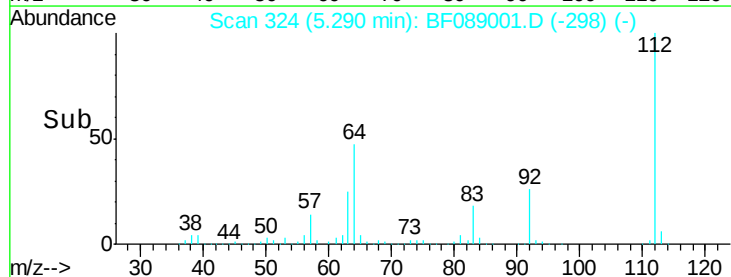
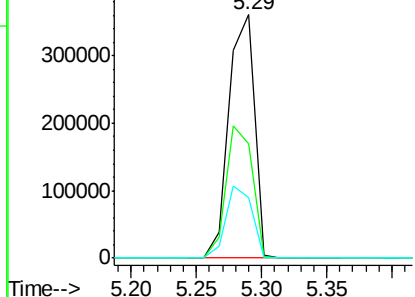


Abundance

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: 115.26 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089001.D

Acq: 14 Jul 2016 22:51

Instrument :

BNA_F

ClientSampleId :

C8-B2(0-5)C

Tot Ion: 99 Resp: 554709

Ion Ratio Lower Upper

99 100

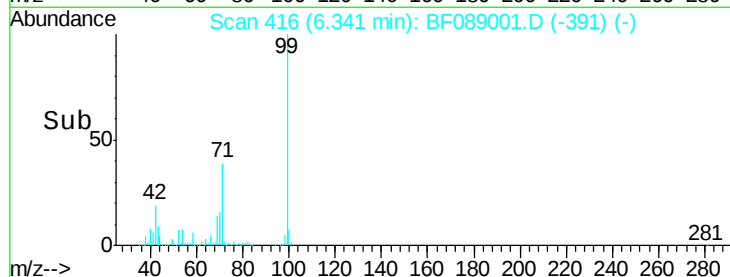
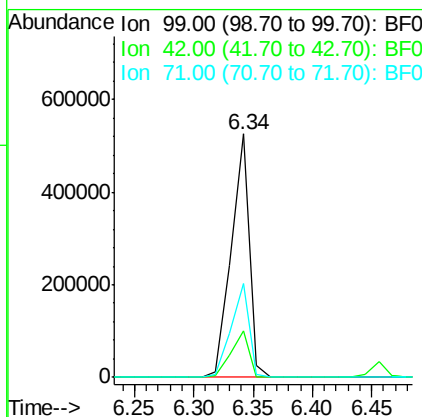
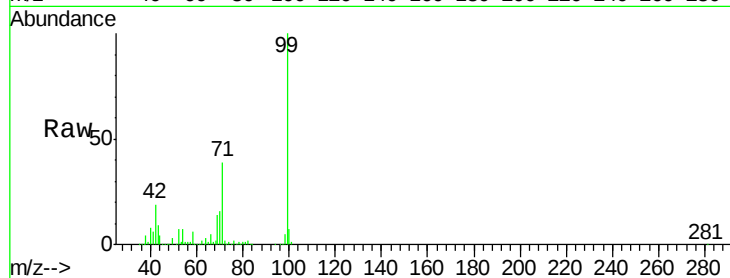
42 18.9 12.2 18.2#

71 38.6 23.4 35.0#

Manual Integrations

Sohil

7/15/2016 9:16:32 AM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089001.D

Acq: 14 Jul 2016 22:51

Tgt Ion: 136 Resp: 212292

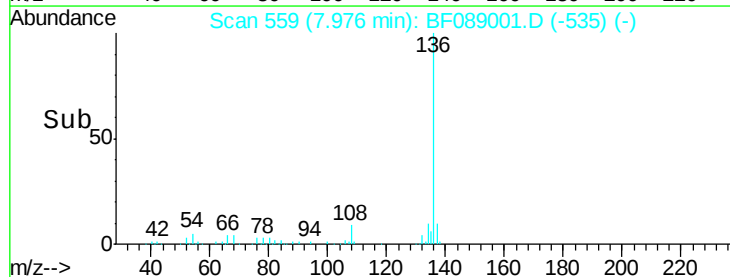
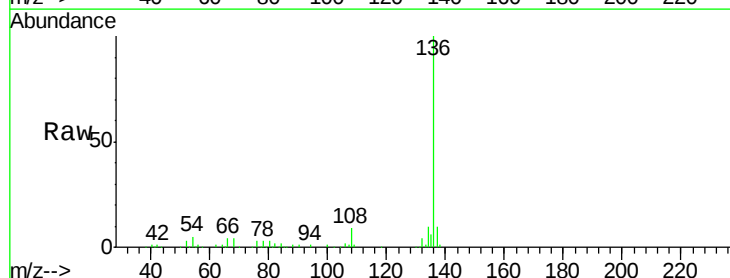
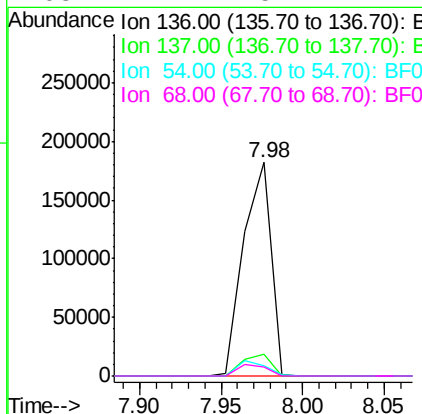
Ion Ratio Lower Upper

136 100

137 10.0 9.1 13.7

54 4.6 6.6 10.0#

68 4.1 5.1 7.7#





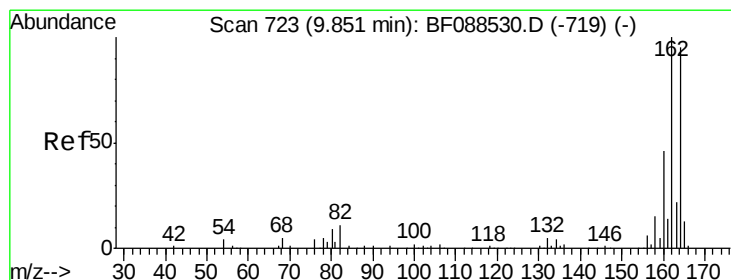
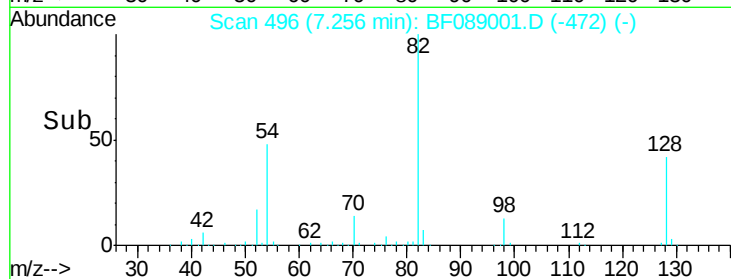
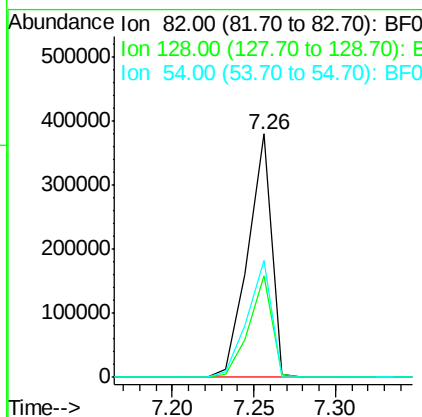
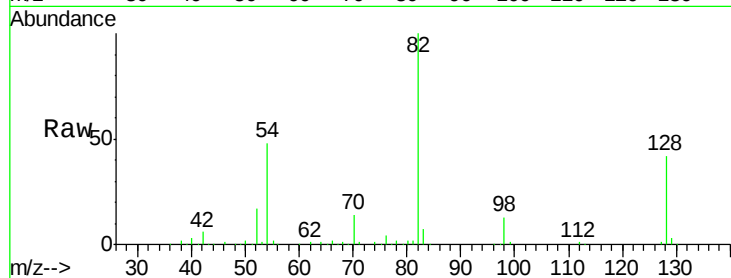
#23
 Nitrobenzene-d5
 Concen: 94.52 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 C8-B2(0-5)C

Tot Ion:	82	Resp:	382899
Ion Ratio	Lower	Upper	
82	100		
128	41.6	35.9	53.9
54	48.2	40.9	61.3

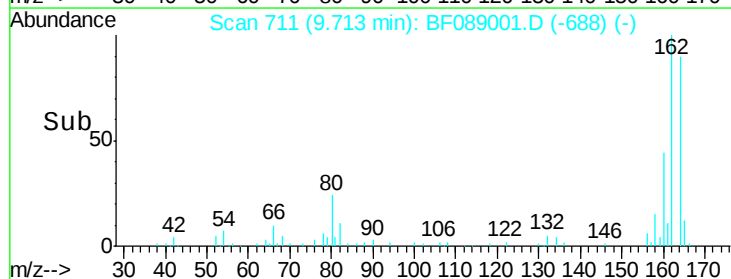
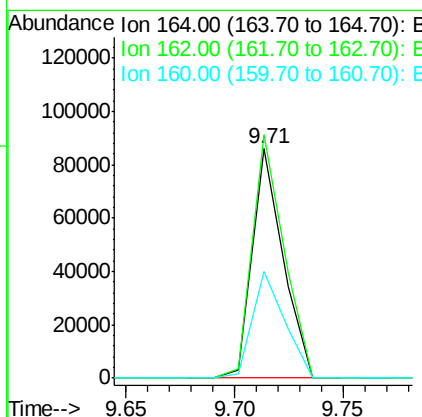
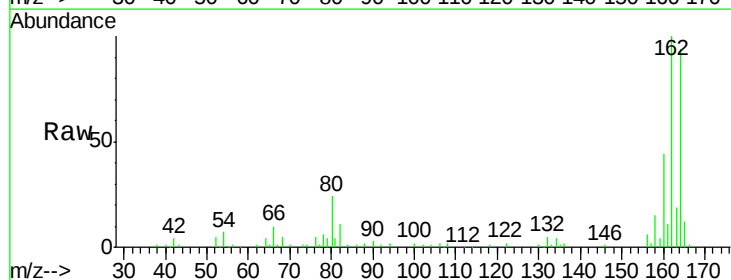
Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:32 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Tgt Ion:	164	Resp:	84572
Ion Ratio	Lower	Upper	
164	100		
162	106.3	85.4	128.2
160	46.4	39.5	59.3





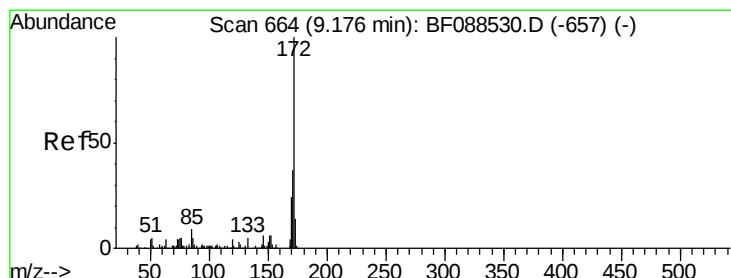
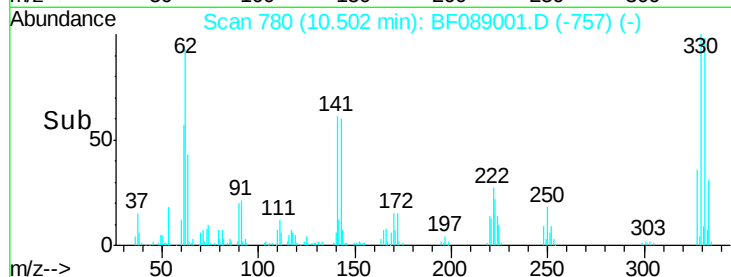
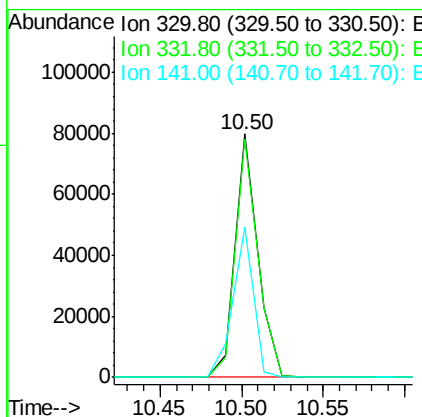
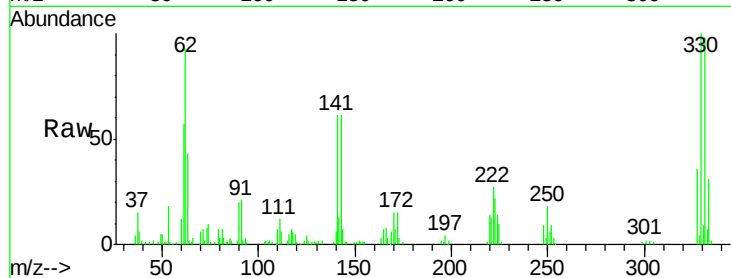
#41
 2,4,6-Tribromophenol
 Concen: 96.54 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 C8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	0.0	0.0#
141	56.2	0.0	0.0#

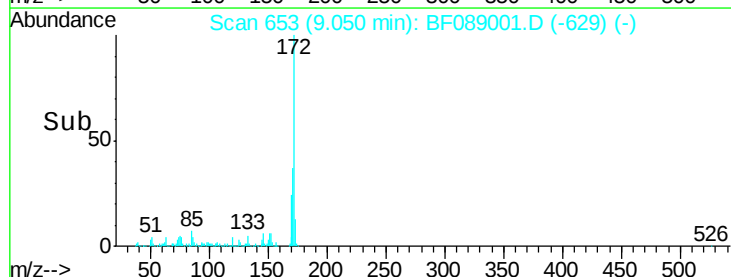
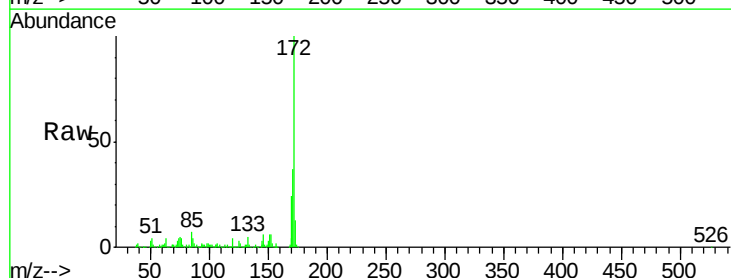
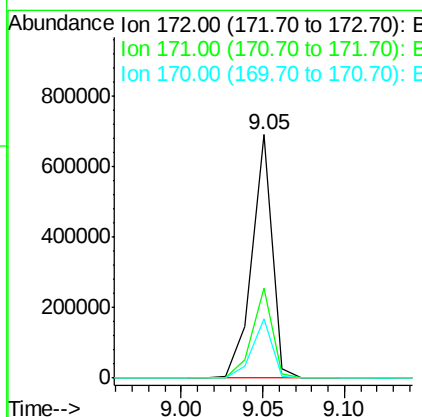
Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:32 AM



#44
 2-Fluorobiphenyl
 Concen: 111.18 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.3	19.2	28.8





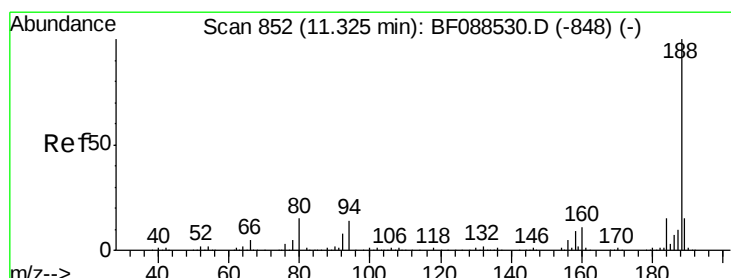
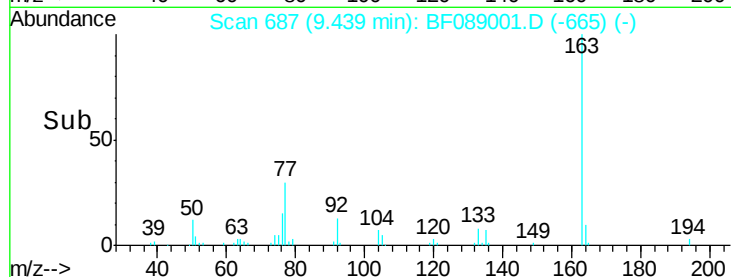
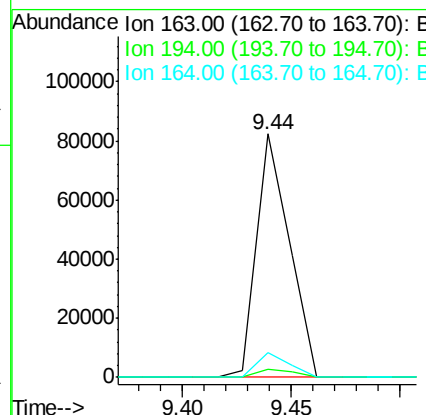
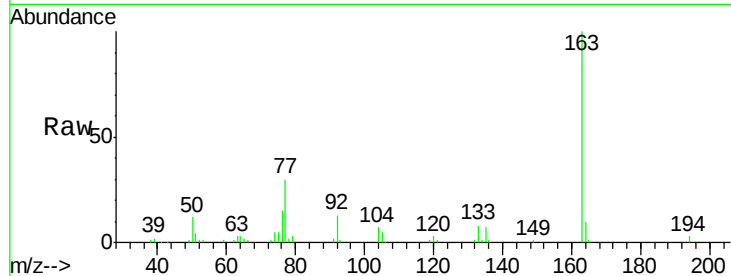
#49
Dimethylphthalate
Concen: 14.30 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089001.D
Acq: 14 Jul 2016 22:51

Instrument :
BNA_F
ClientSampleId :
C8-B2(0-5)C

Tot Ion:163 Resp: 86167
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 8.3 12.5

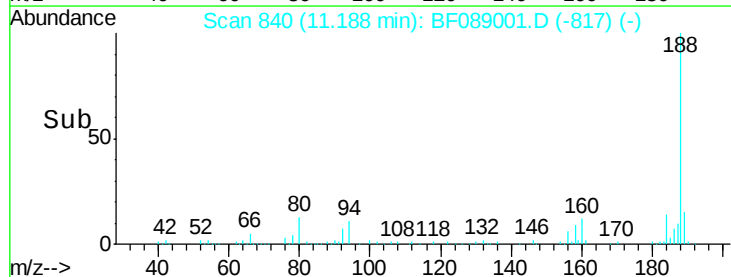
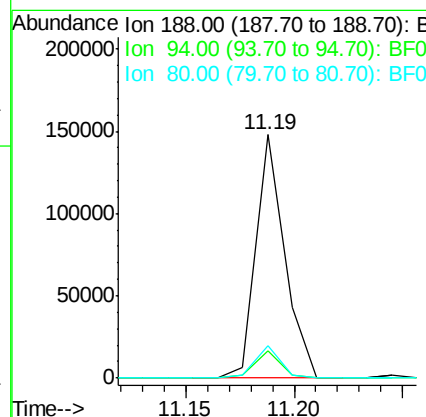
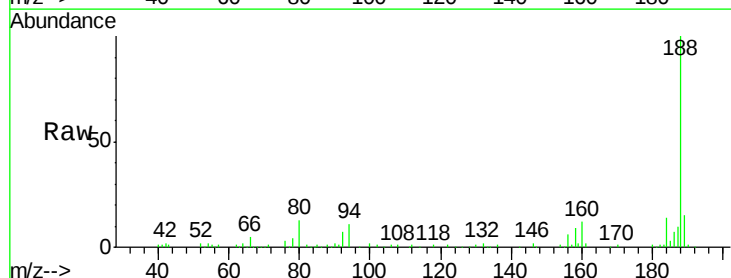
Manual Integrations

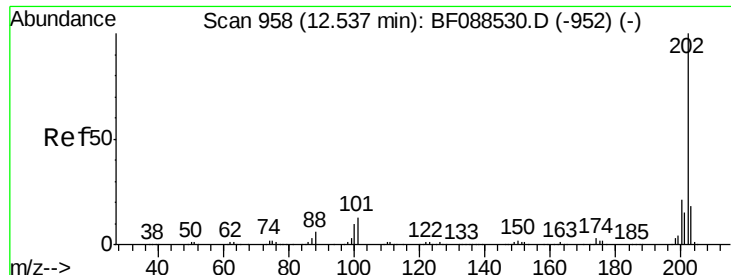
APPROVED
Sohil
7/15/2016 9:16:32 AM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089001.D
Acq: 14 Jul 2016 22:51

Tgt Ion:188 Resp: 135877
Ion Ratio Lower Upper
188 100
94 11.4 9.0 13.6
80 13.1 10.0 15.0





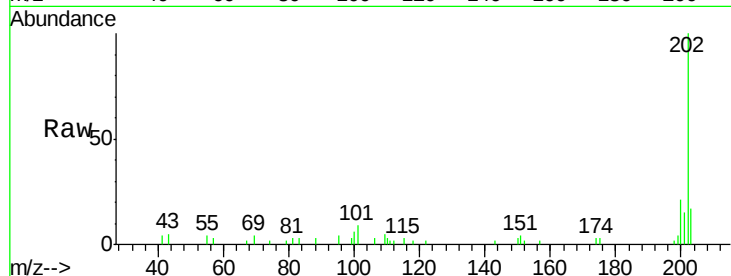
#74
Fluoranthene
 Concen: 2.45 ng
 RT: 12.40 min Scan# 946
 Delta R.T. -0.02 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 C8-B2(0-5)C

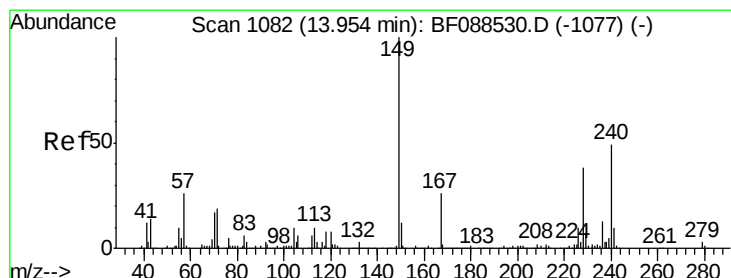
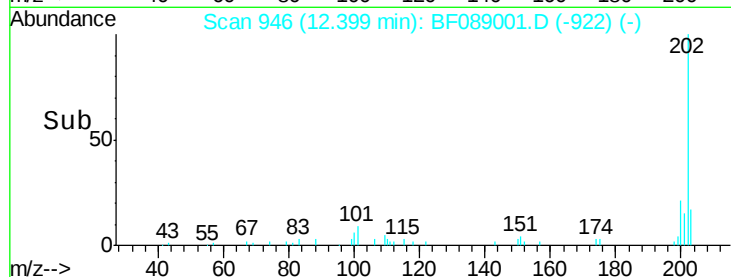
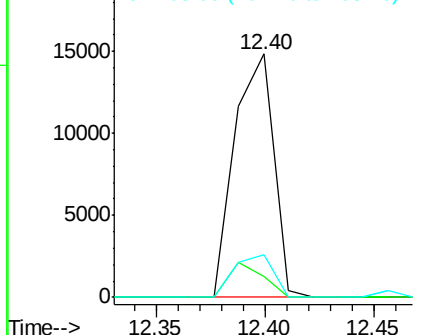
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	33.1
203	17.4	0.0	38.1

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:32 AM

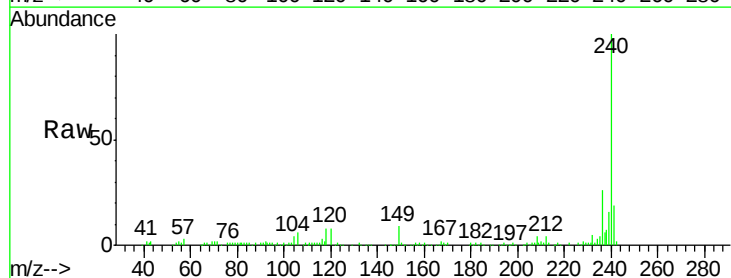


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

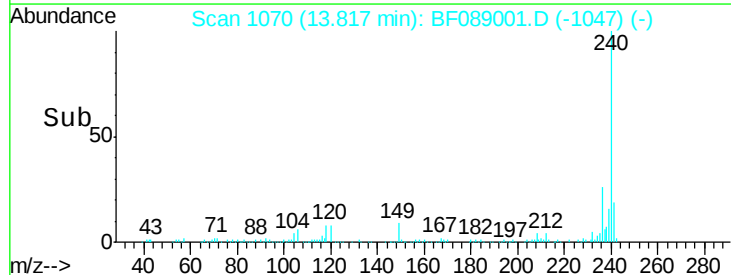
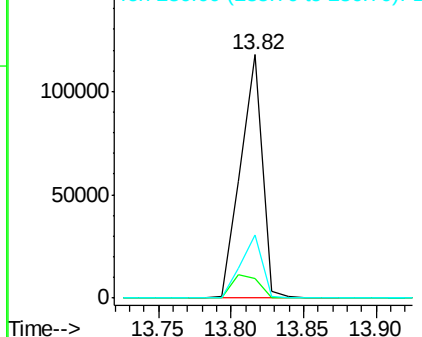


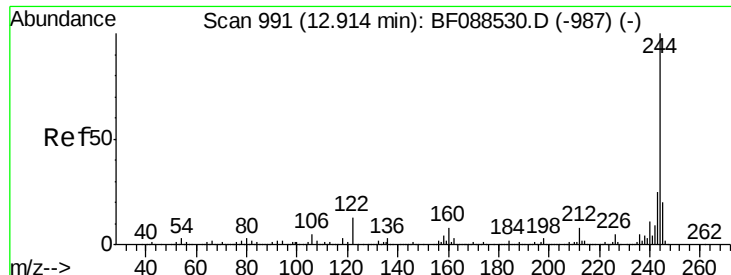
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.03 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.8	20.2	30.2



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





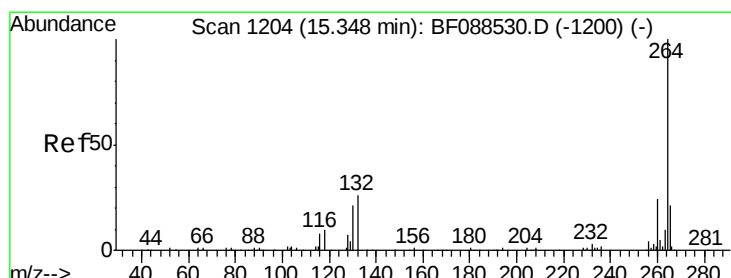
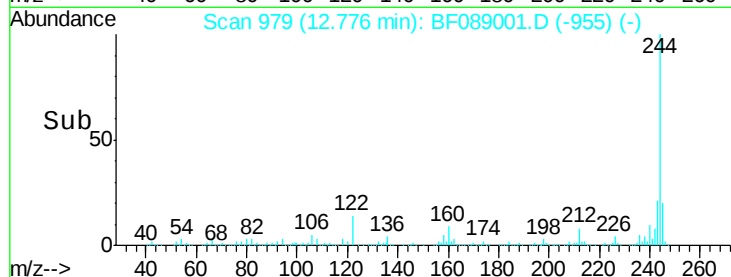
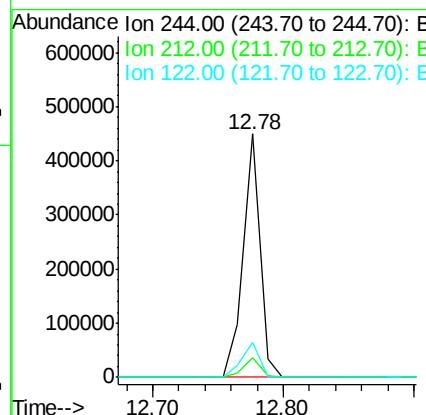
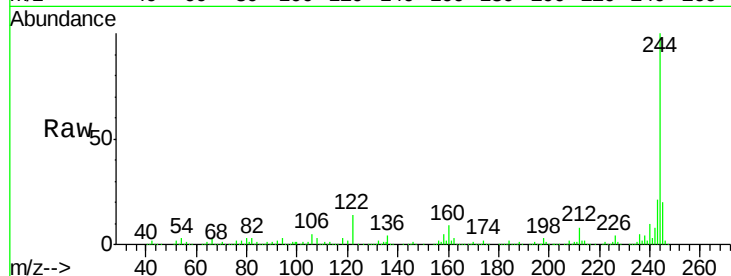
#78
 Terphenyl-d14
 Concen: 72.45 ng
 RT: 12.78 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 C8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	14.2	11.2	16.8

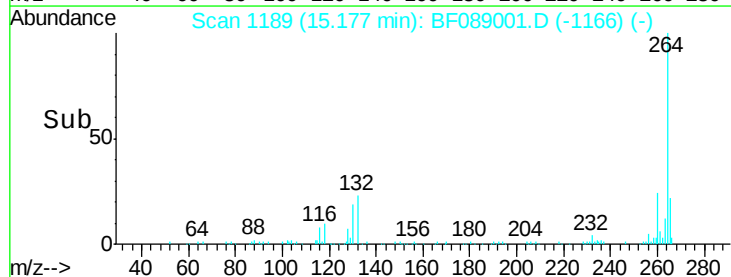
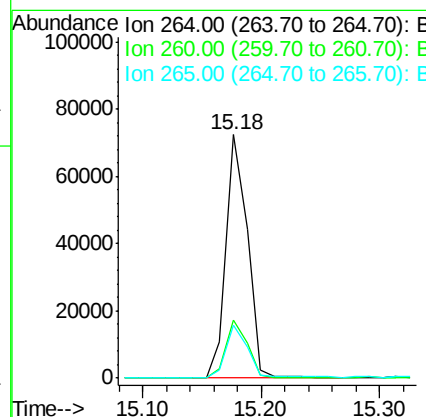
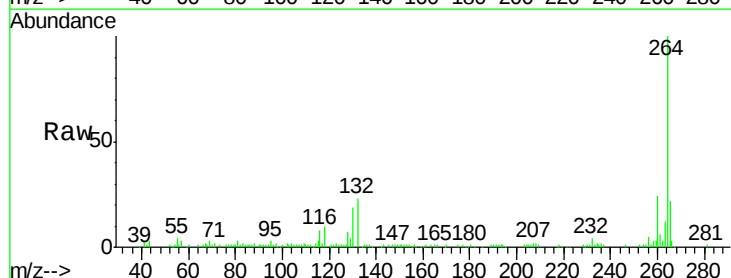
Manual Integrations

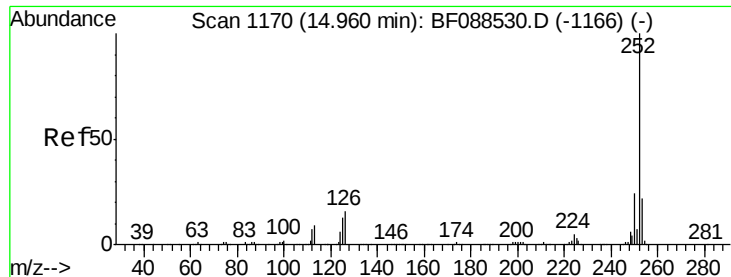
APPROVED
 Sohil
 7/15/2016 9:16:32 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	16.9	25.3





#87
 Benzo(b)fluoranthene
 Concen: 2.18 ng m
 RT: 14.80 min Scan# 1156
 Delta R.T. -0.03 min
 Lab File: BF089001.D
 Acq: 14 Jul 2016 22:51

Instrument :
 BNA_F
 ClientSampleId :
 C8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	22.3	7.1	10.7

Manual Integrations

APPROVED
 Sohil
 7/15/2016 9:16:32 AM

