

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090261.D
 Acq On : 27 Sep 2016 19:32
 Operator : UM/SJ
 Sample : H4962-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN09

Manual Integrations
 APPROVED

sohil
 9/28/2016 1:53:33 PM

Quant Time: Sep 28 01:13:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	147604m	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	570438m	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	304852	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	483631	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	309936	20.00	ng	-0.02
86) Perylene-d12	14.89	264	292168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	935085	103.26	ng	0.01
7) Phenol-d6	6.14	99	1245381	111.36	ng	0.00
23) Nitrobenzene-d5	7.05	82	791175	80.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	243991	93.29	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1280301	82.45	ng	-0.01
78) Terphenyl-d14	12.55	244	819280	67.11	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.24	163	531682	27.38	ng	Qvalue 100
77) Pyrene	12.39	202	44564	2.10	ng	95

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

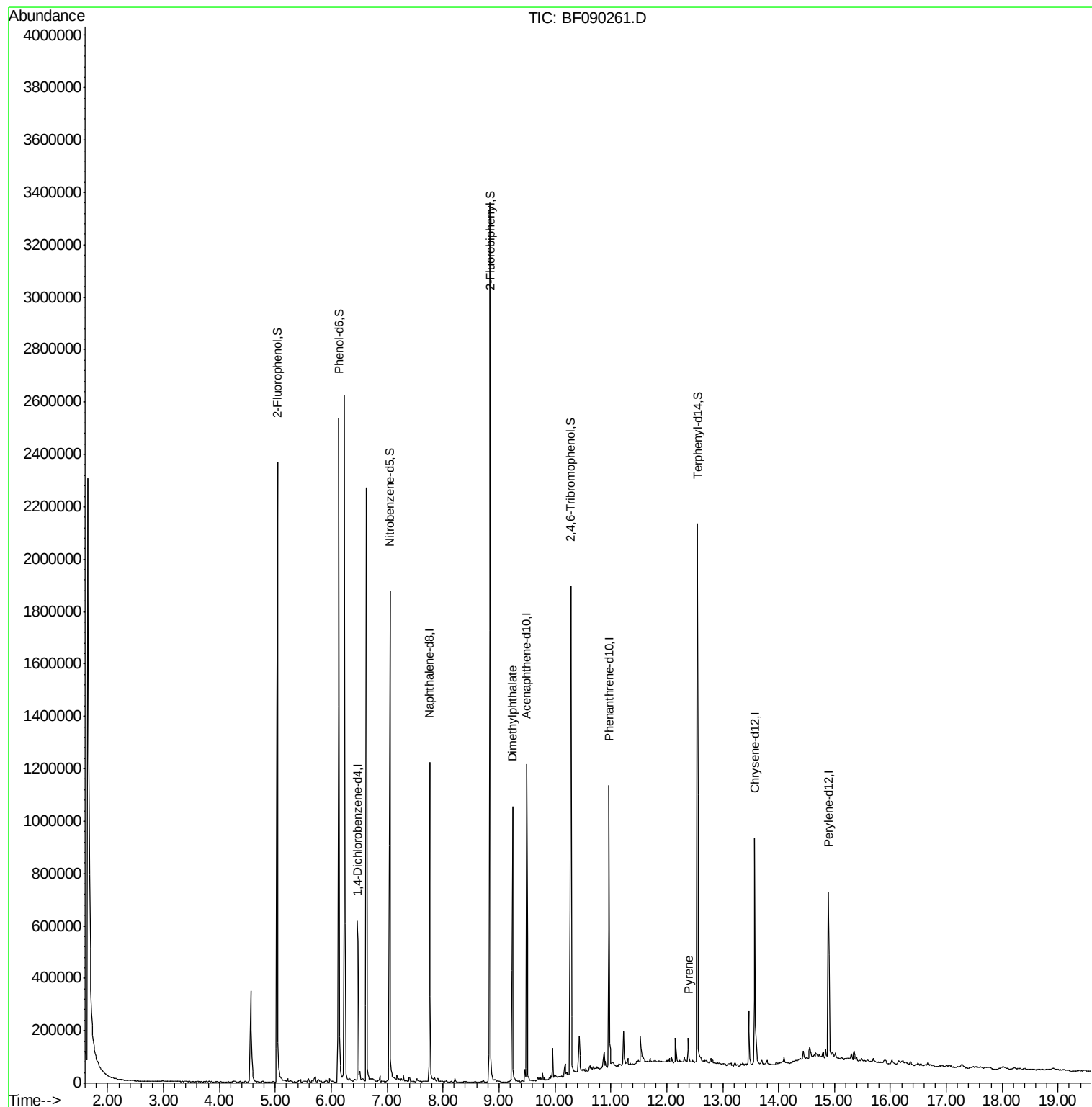
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
Data File : BF090261.D
Acq On : 27 Sep 2016 19:32
Operator : UM/SJ
Sample : H4962-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BROOKLYN09

Manual Integrations
APPROVED

sohil
9/28/2016 1:53:33 PM

Quant Time: Sep 28 01:13:29 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration





#1

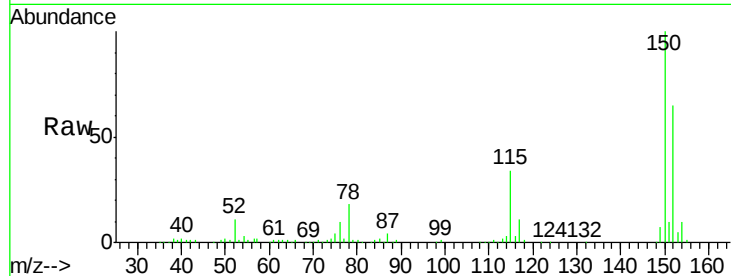
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
BROOKLYN09

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	128.9	193.3
115	52.1	55.5	83.3

Manual Integrations
APPROVED

sohil
9/28/2016 1:53:33 PM

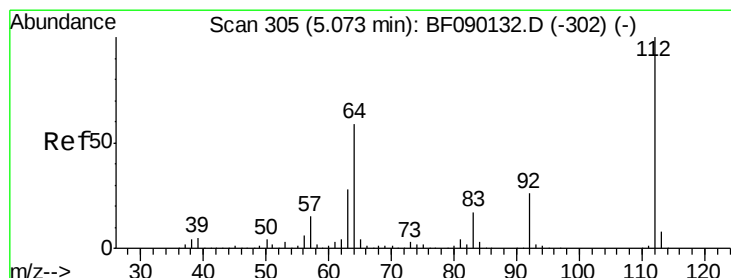
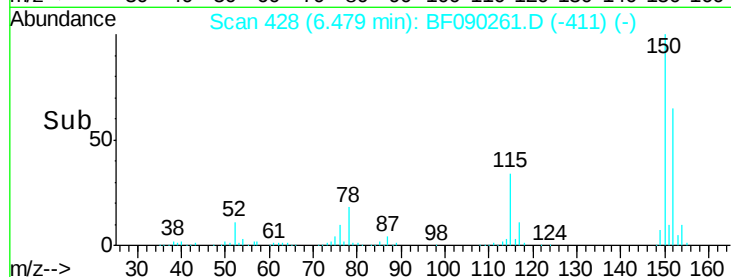
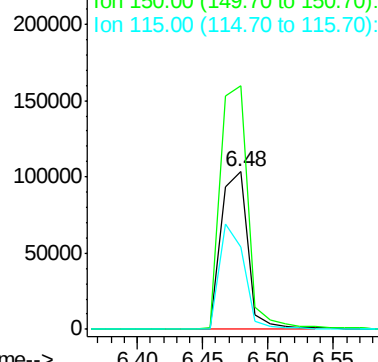


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

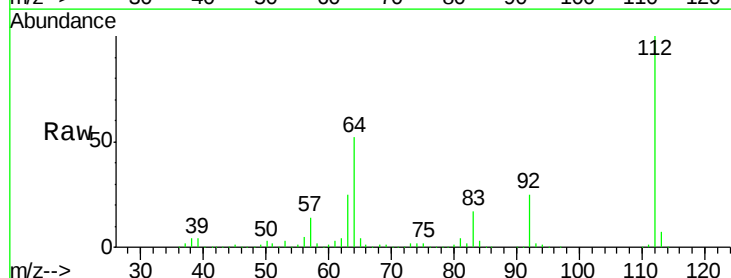
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.26 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.8	59.6
63	25.4	18.9	28.3

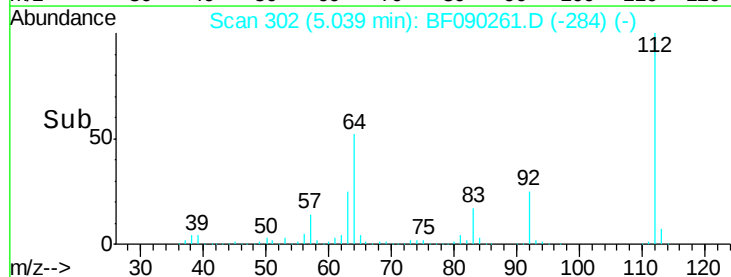
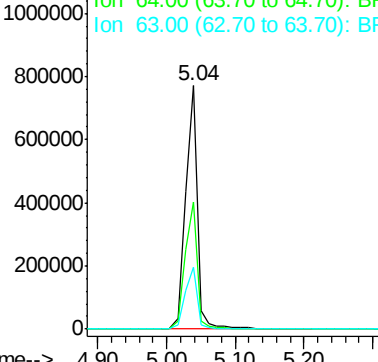


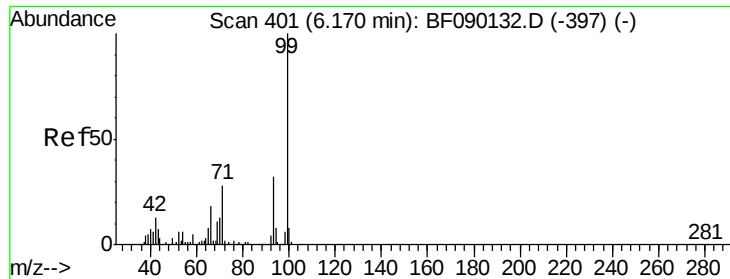
Abundance

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: 111.36 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Instrument :

BNA_F

ClientSampleId :

BROOKLYN09

Tot Ion: 99 Resp: 1245381

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

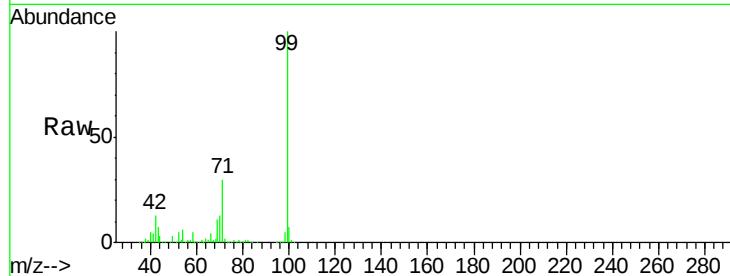
71 30.3 23.0 34.6

Manual Integrations

APPROVED

sohil

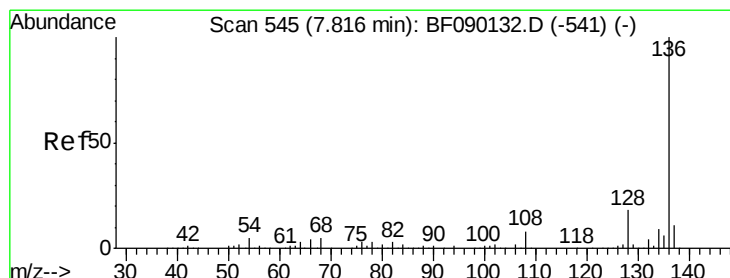
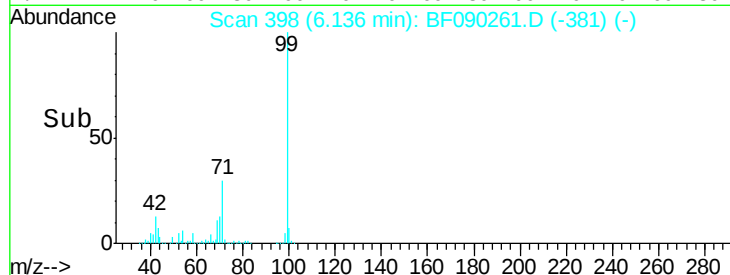
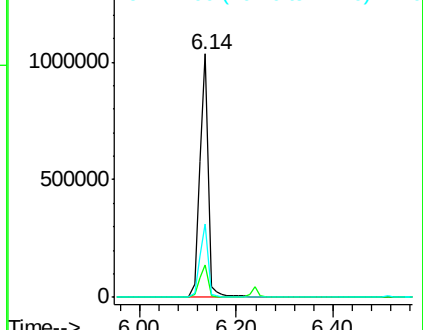
9/28/2016 1:53:33 PM



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



#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Tgt Ion: 136 Resp: 570438

Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.4 6.4 9.6

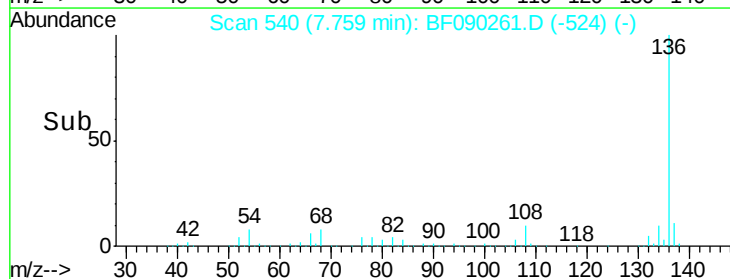
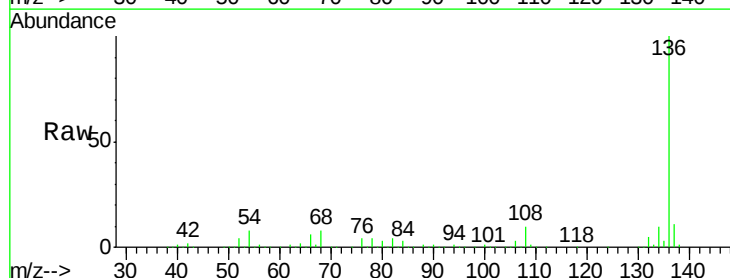
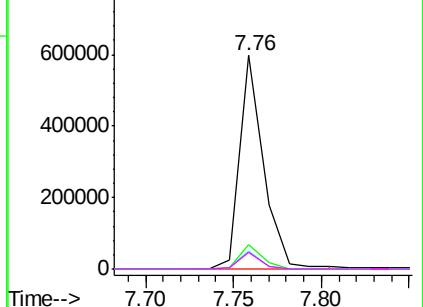
68 7.7 6.3 9.5

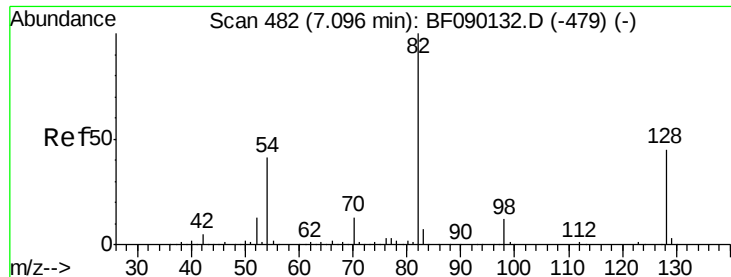
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





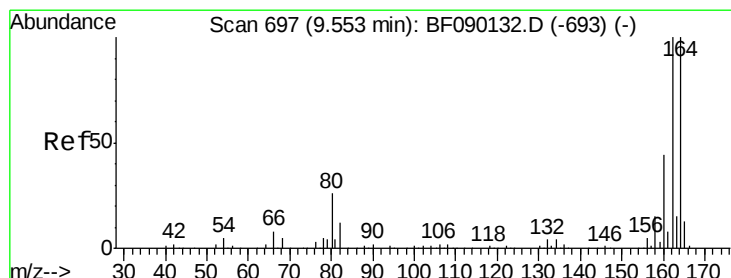
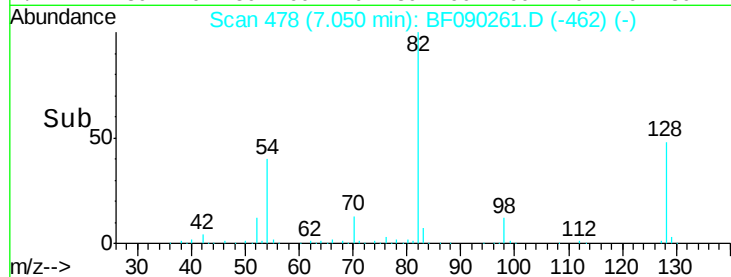
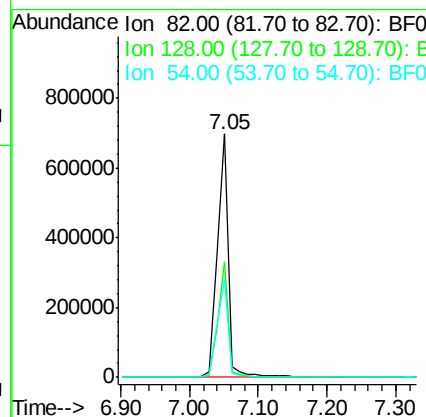
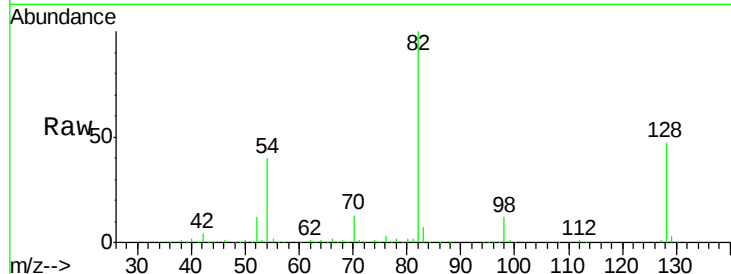
#23
 Nitrobenzene-d5
 Concen: 80.40 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN09

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.5	56.3
54	40.2	31.9	47.9

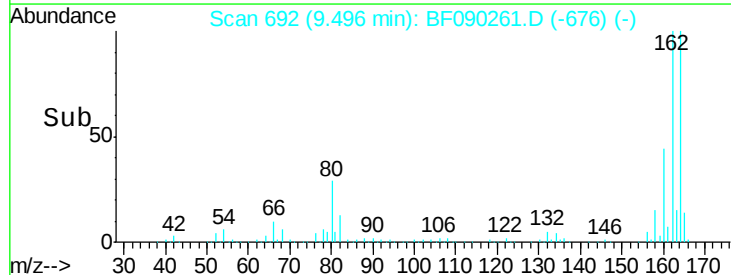
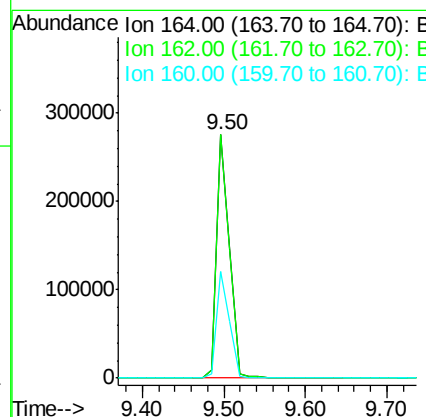
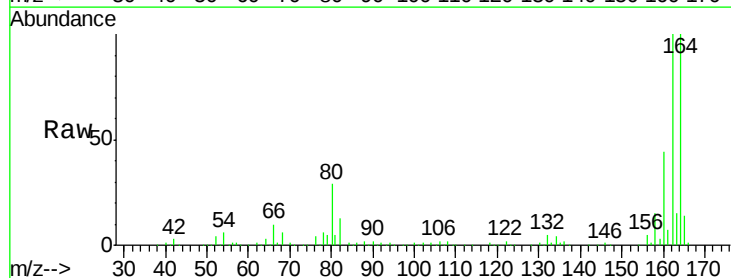
Manual Integrations
 APPROVED

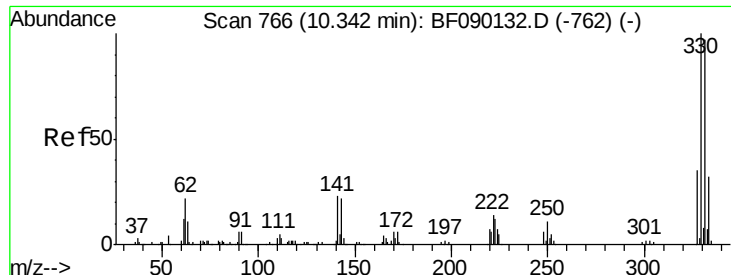
sohil
 9/28/2016 1:53:33 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.2
160	43.9	36.6	54.8





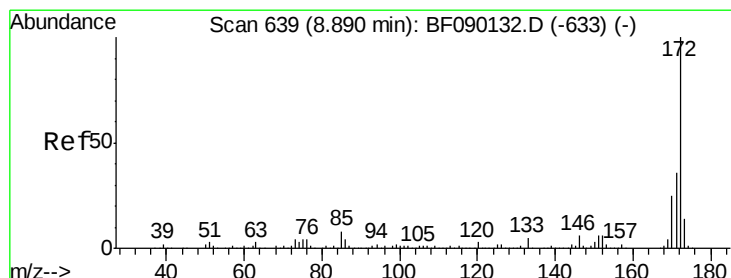
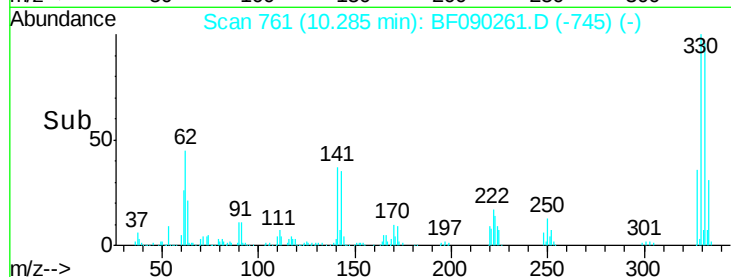
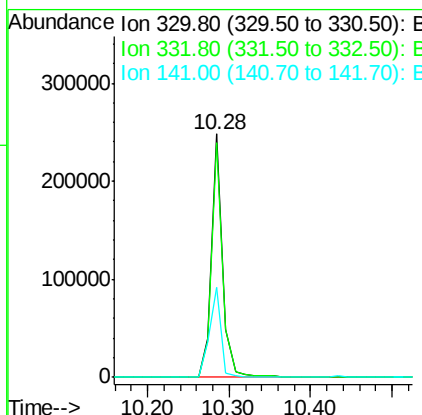
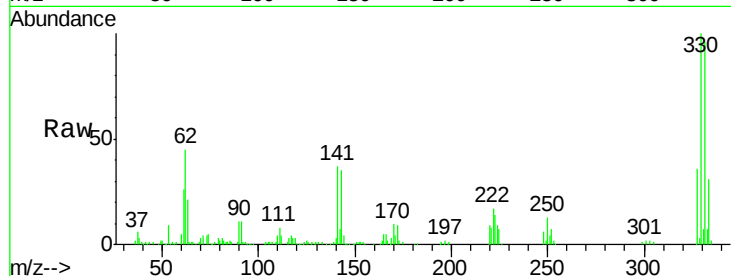
#41
 2,4,6-Tribromophenol
 Concen: 93.29 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN09

Tot Ion	Ratio	Resp	Lower	Upper
330	100	243991		
332	96.3	78.1	117.1	
141	38.9	23.9	35.9	

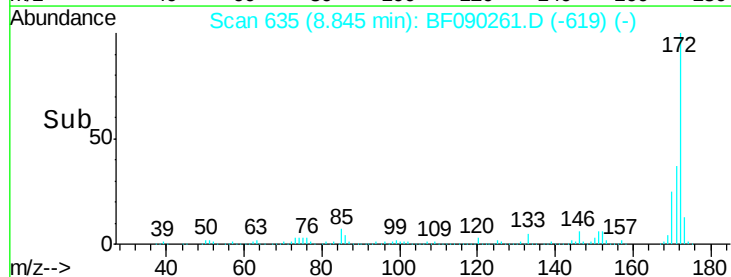
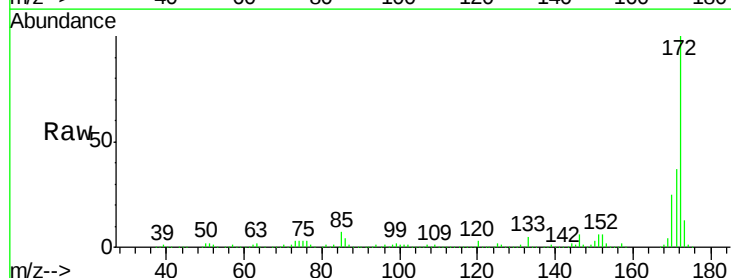
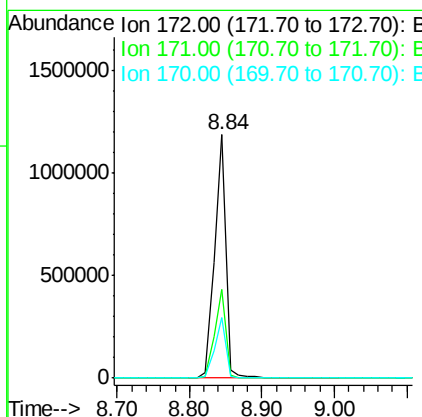
Manual Integrations
 APPROVED

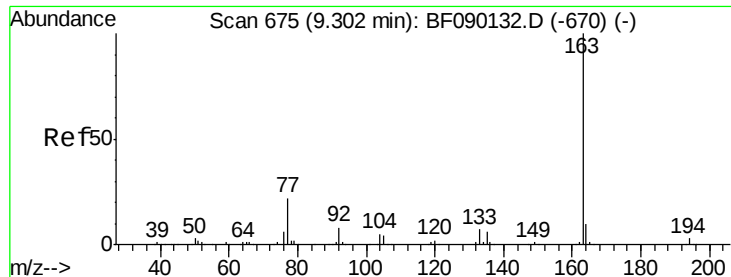
sohil
 9/28/2016 1:53:33 PM



#44
 2-Fluorobiphenyl
 Concen: 82.45 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1280301		
171	36.6	29.2	43.8	
170	24.8	19.8	29.8	





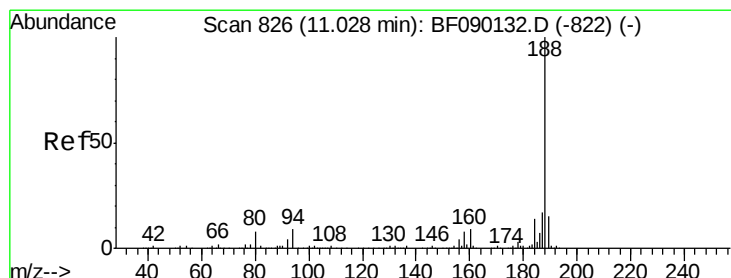
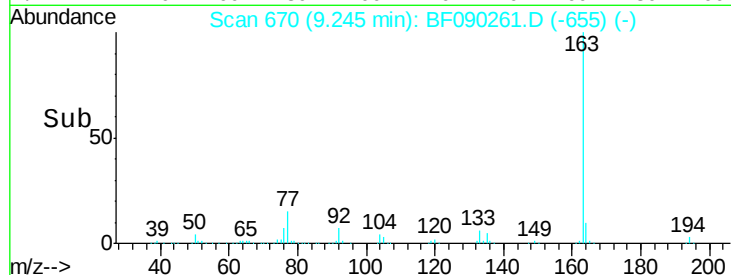
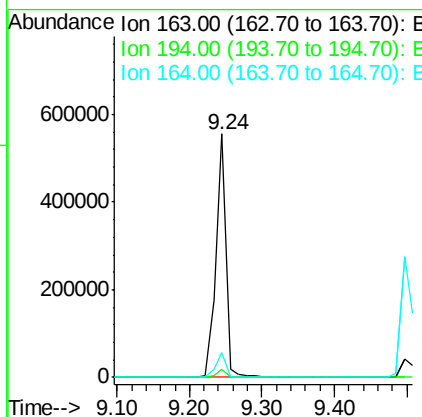
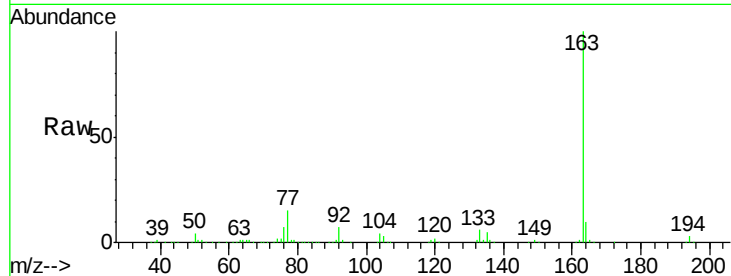
#49
Dimethylphthalate
Concen: 27.38 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Instrument :
BNA_F
ClientSampleId :
BROOKLYN09

Tot Ion	Ratio	Resp	Lower	Upper
163	100	531682		
194	3.4		2.8	4.2
164	10.1		8.1	12.1

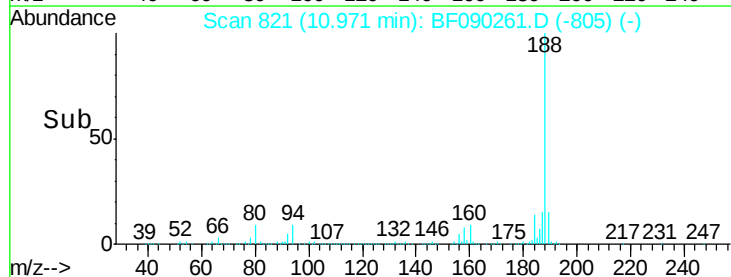
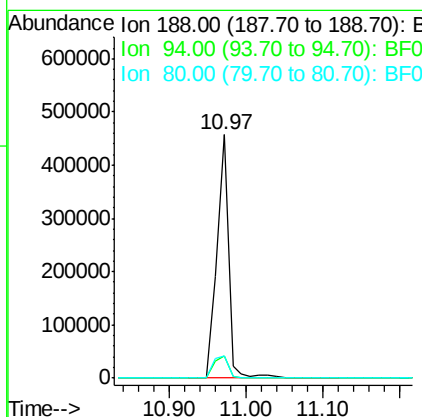
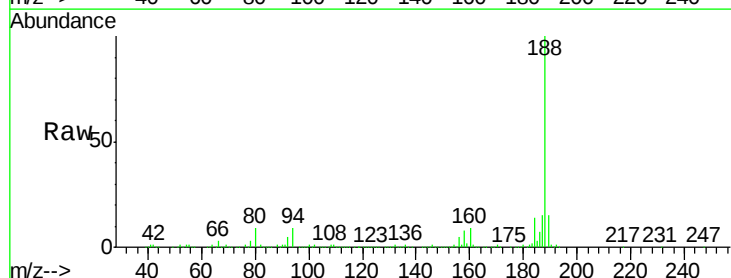
Manual Integrations
APPROVED

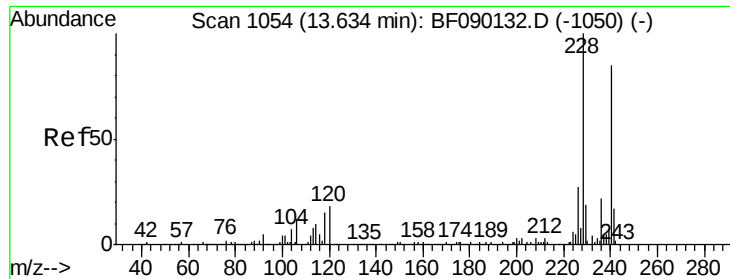
sohil
9/28/2016 1:53:33 PM



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090261.D
Acq: 27 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	483631		
94	8.9		10.5	15.7#
80	8.9		11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.58 min Scan# 1049

Delta R.T. -0.02 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Instrument :

BNA_F

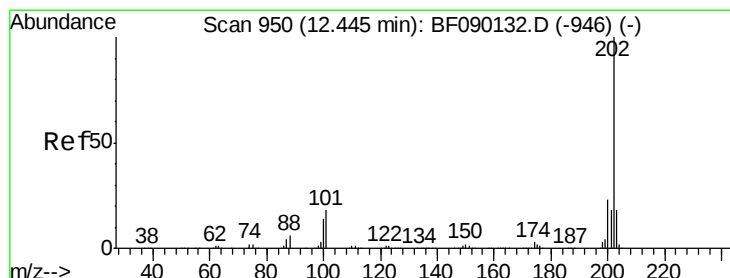
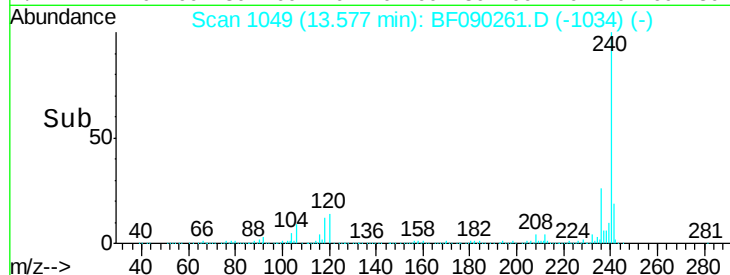
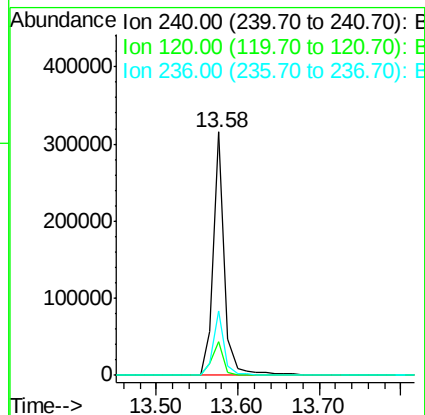
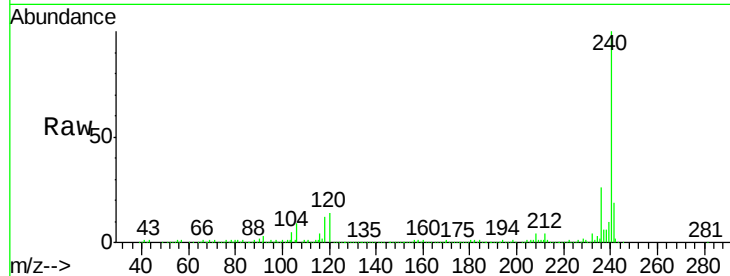
ClientSampleId :

BROOKLYN09

Tot Ion:	240	Resp:	309936
Ion Ratio	Lower	Upper	
240	100		
120	13.7	10.6	16.0
236	26.3	21.6	32.4

Manual Integrations
APPROVED

sohil
9/28/2016 1:53:33 PM



#77

Pyrene

Concen: 2.10 ng

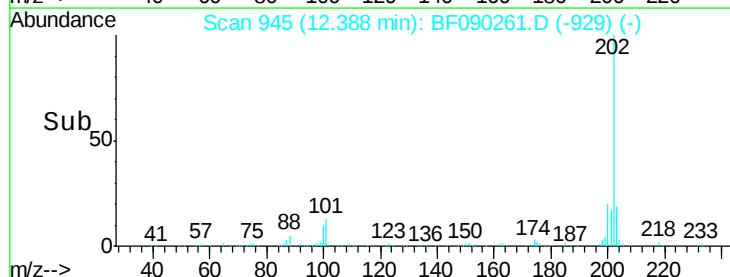
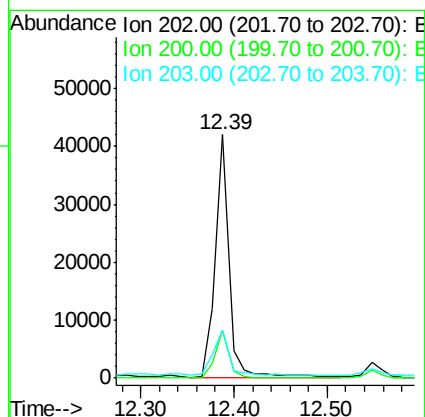
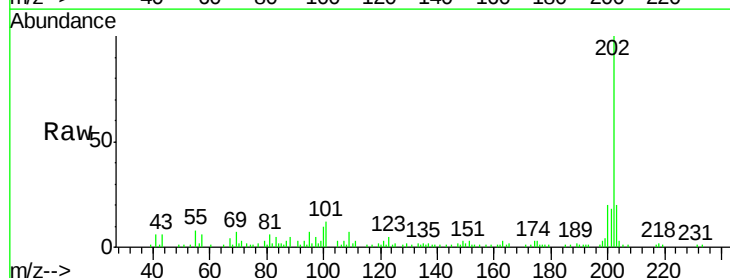
RT: 12.39 min Scan# 945

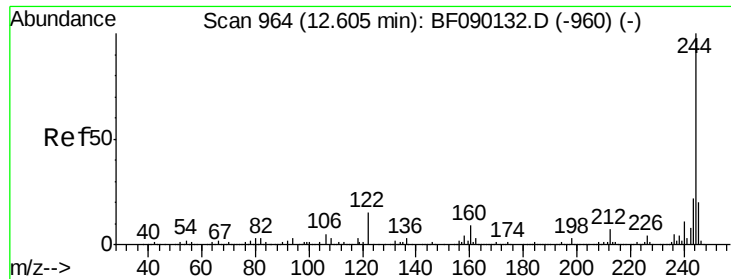
Delta R.T. -0.01 min

Lab File: BF090261.D

Acq: 27 Sep 2016 19:32

Tgt Ion:	202	Resp:	44564
Ion Ratio	Lower	Upper	
202	100		
200	19.6	17.9	26.9
203	19.6	14.2	21.4





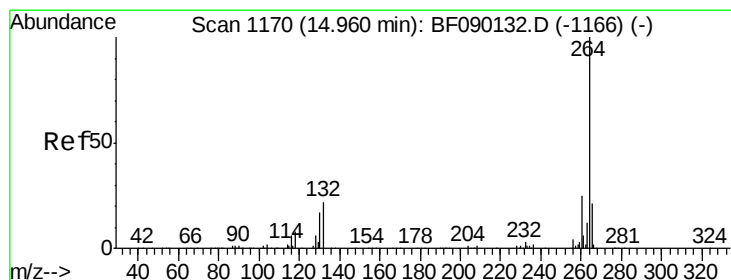
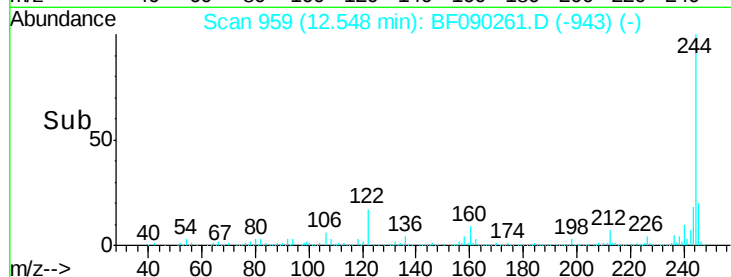
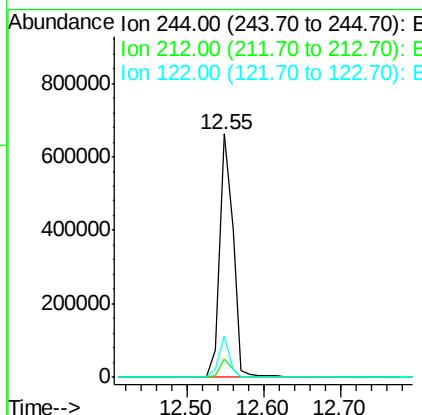
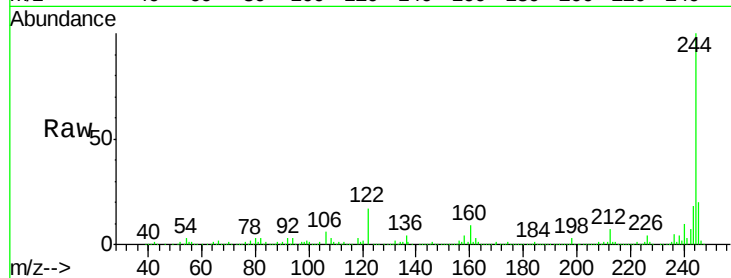
#78
 Terphenyl-d14
 Concen: 67.11 ng
 RT: 12.55 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Instrument :
 BNA_F
 ClientSampleId :
 BROOKLYN09

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3	5.8	8.8	
122	17.0	9.4	14.0	

Manual Integrations
 APPROVED

sohil
 9/28/2016 1:53:33 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF090261.D
 Acq: 27 Sep 2016 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.9	19.5	29.3	
265	21.4	17.0	25.4	

