

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082242.D
 Acq On : 13 Oct 2015 4:29
 Operator : UM/IZ
 Sample : G3990-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-20)

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:12 PM

Quant Time: Oct 13 06:47:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 06:28:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	55280m	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	228148	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	122002	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	240549	20.00	ng	0.00
75) Chrysene-d12	14.00	240	229193	20.00	ng	-0.01
86) Perylene-d12	15.44	264	175254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	215222	78.58	ng	0.01
7) Phenol-d6	6.46	99	165484	46.43	ng	-0.01
23) Nitrobenzene-d5	7.41	82	405907	119.48	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	164993	144.21	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	820916	111.59	ng	0.00
78) Terphenyl-d14	12.95	244	814837	94.21	ng	0.00

Target Compounds Qvalue

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

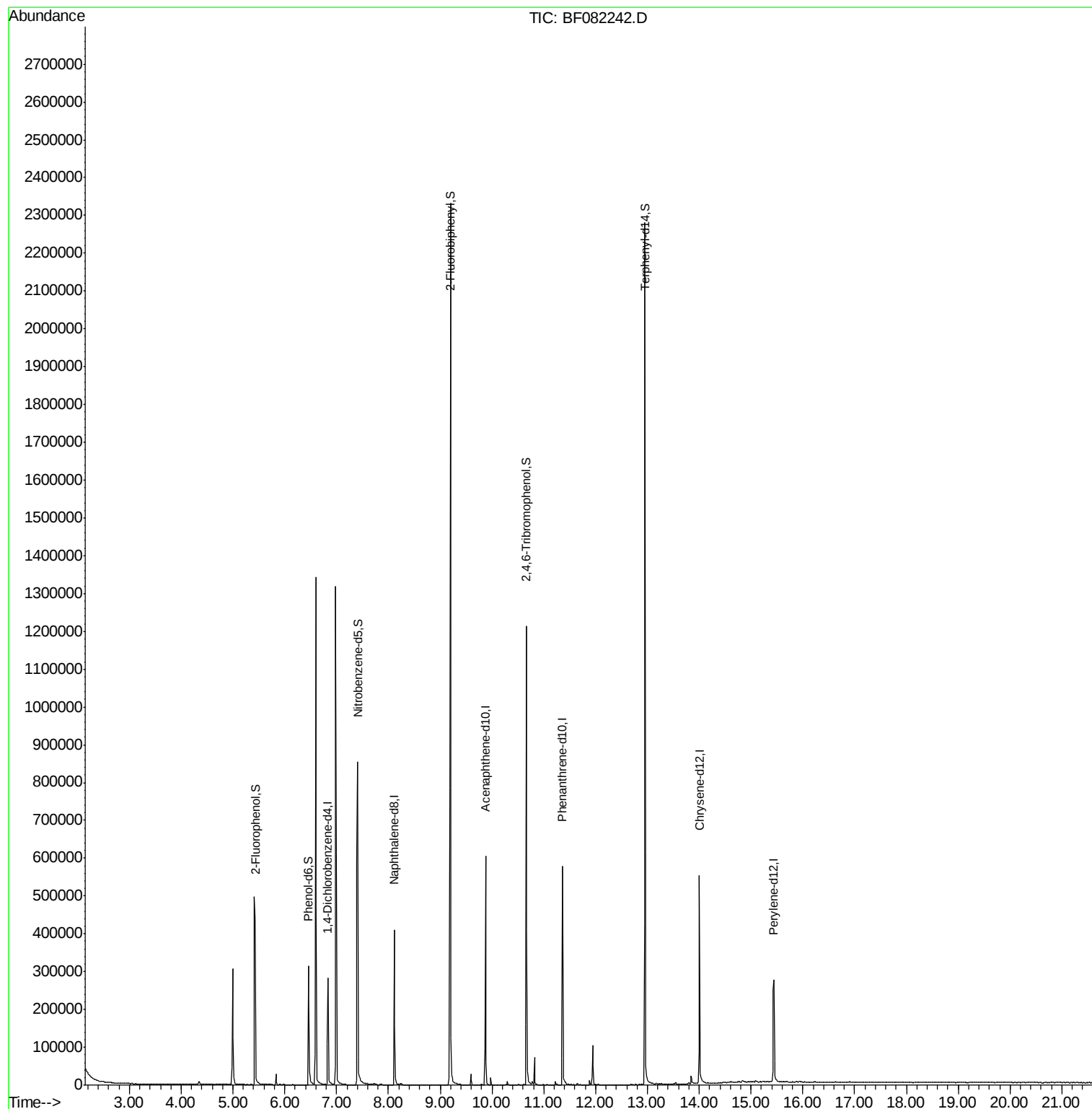
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082242.D
Acq On : 13 Oct 2015 4:29
Operator : UM/IZ
Sample : G3990-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

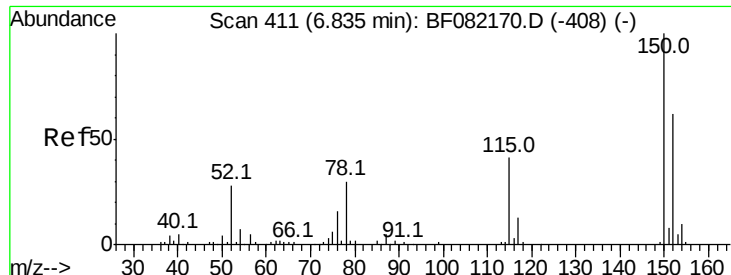
Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-20)

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:25:12 PM

Quant Time: Oct 13 06:47:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 06:28:22 2015
Response via : Initial Calibration





#1

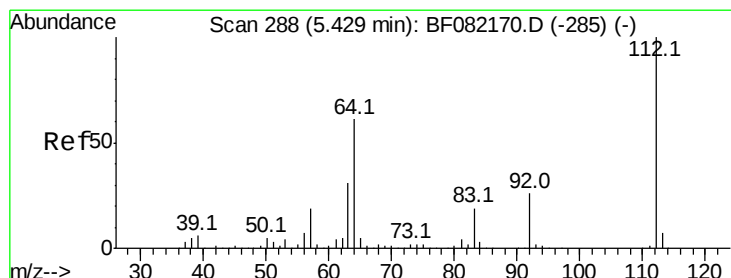
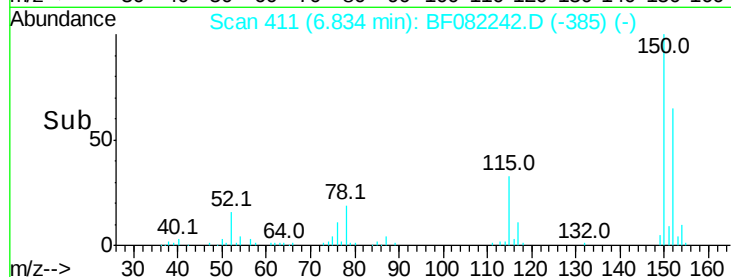
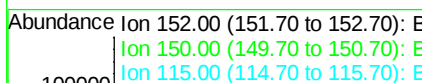
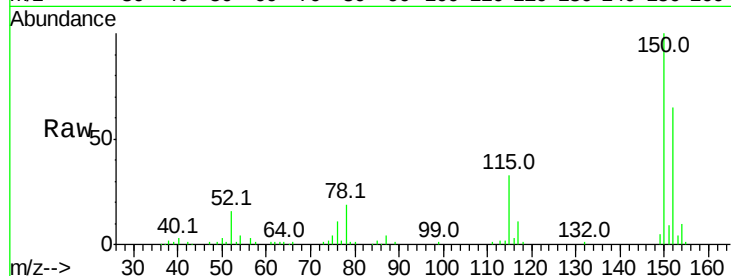
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082242.D
Acq: 13 Oct 2015 4:29

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-20)

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	129.0	193.4
115	51.3	52.1	78.1#

Manual Integrations
APPROVED

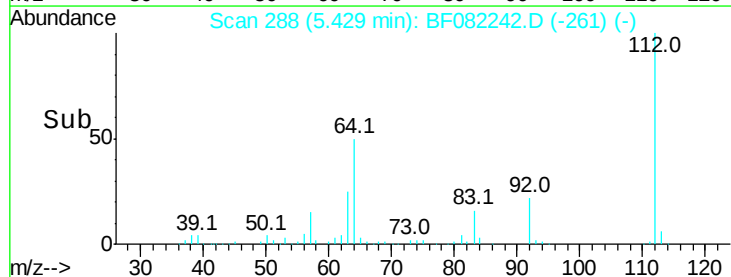
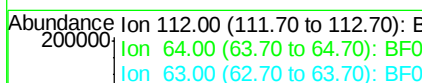
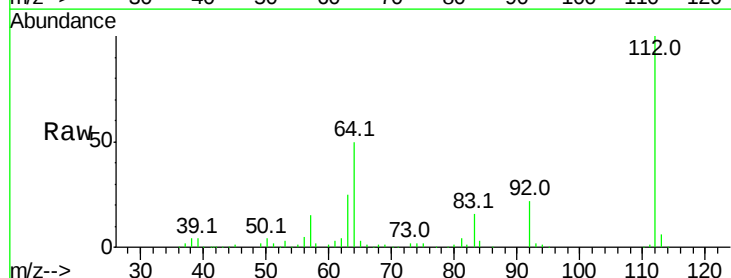
MMdadoda
10/13/2015 1:25:12 PM



#5

2-Fluorophenol
Concen: 78.58 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF082242.D
Acq: 13 Oct 2015 4:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	48.6	73.0
63	25.3	25.1	37.7





#7

Phenol-d6

Concen: 46.43 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082242.D

Acq: 13 Oct 2015 4:29

Instrument :

BNA_F

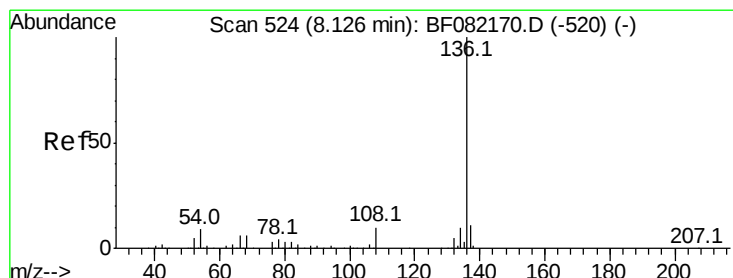
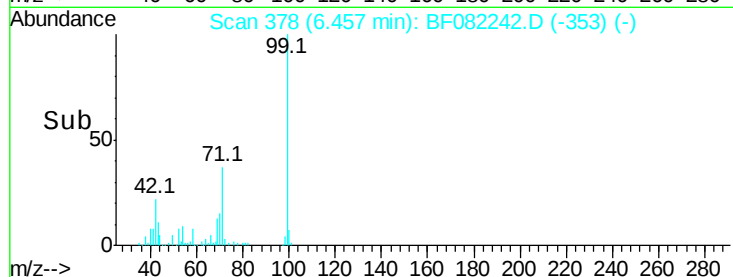
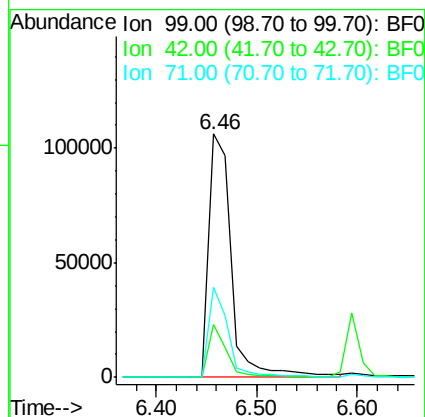
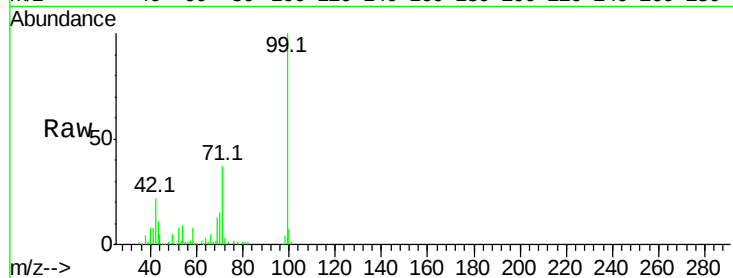
ClientSampleId :

TE-PMW(2-20)

Tot Ion:	99	Resp:	165484
Ion Ratio	Lower	Upper	
99	100		
42	21.6	13.2	19.8#
71	37.0	25.6	38.4

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:25:12 PM



#21

Naphthalene-d8

Concen: 20.00 ng

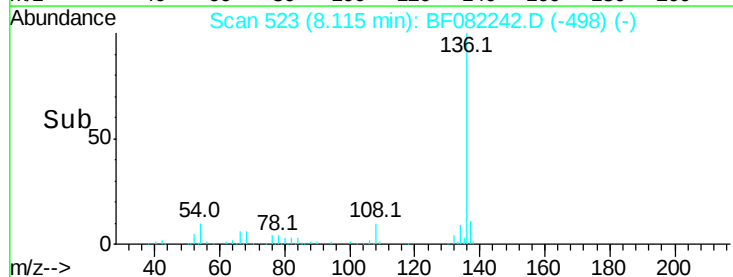
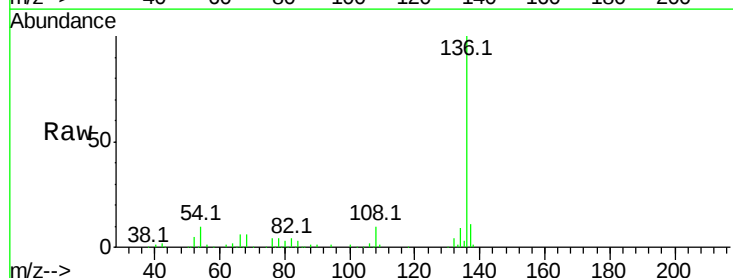
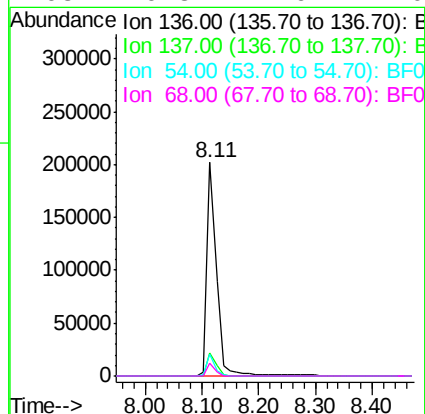
RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082242.D

Acq: 13 Oct 2015 4:29

Tgt Ion:	136	Resp:	228148
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.0	7.5	11.3
68	6.3	4.6	7.0





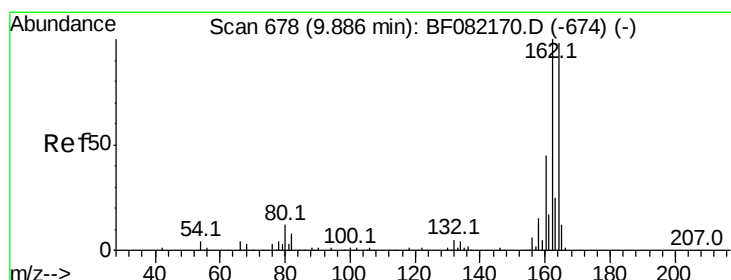
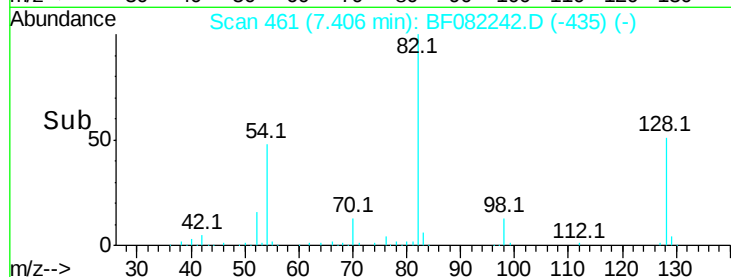
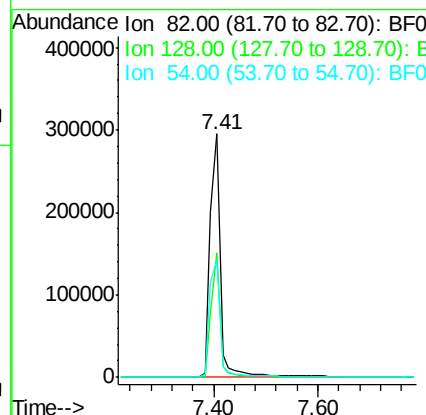
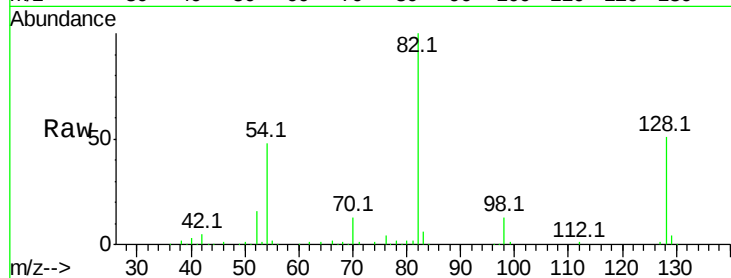
#23
 Nitrobenzene-d5
 Concen: 119.48 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082242.D
 Acq: 13 Oct 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-20)

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	38.7	58.1
54	48.2	40.1	60.1

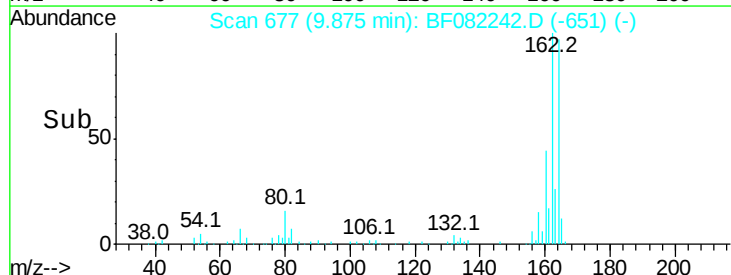
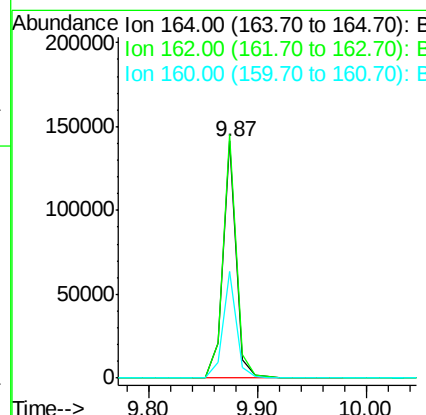
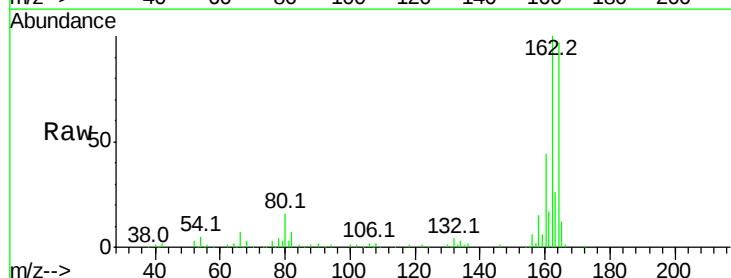
Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:12 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082242.D
 Acq: 13 Oct 2015 4:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.6	122.4
160	45.1	36.4	54.6





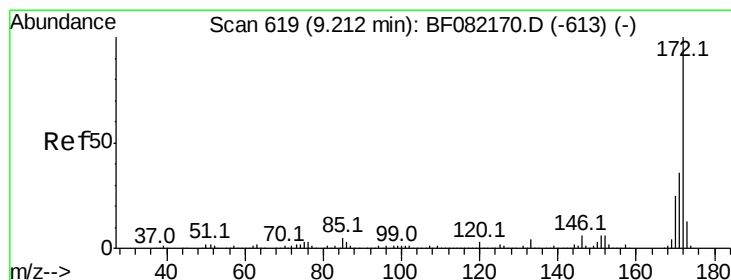
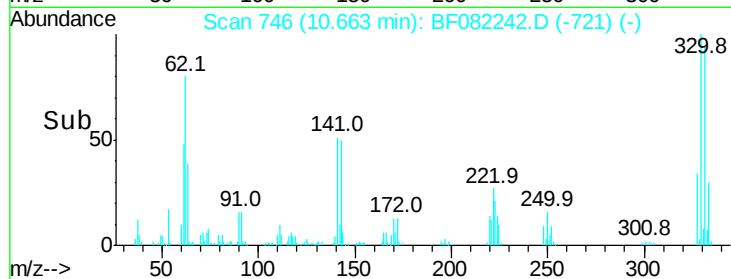
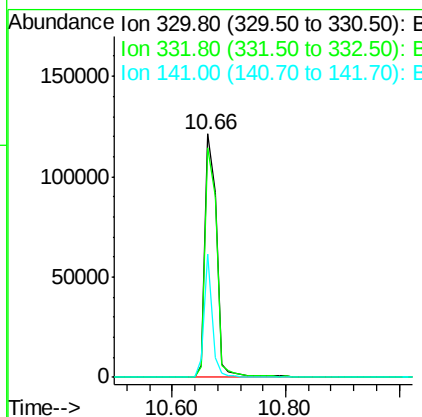
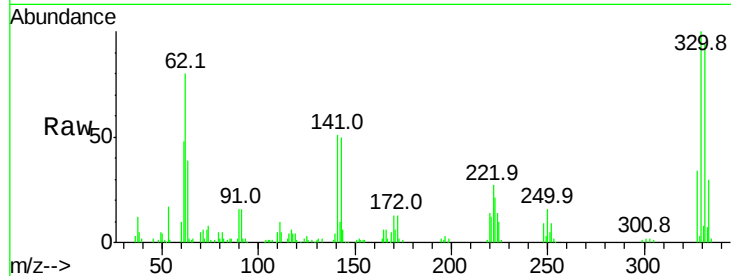
#41
 2,4,6-Tribromophenol
 Concen: 144.21 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082242.D
 Acq: 13 Oct 2015 4:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-20)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	164993		
332	95.3	77.1	115.7	
141	35.5	29.8	44.8	

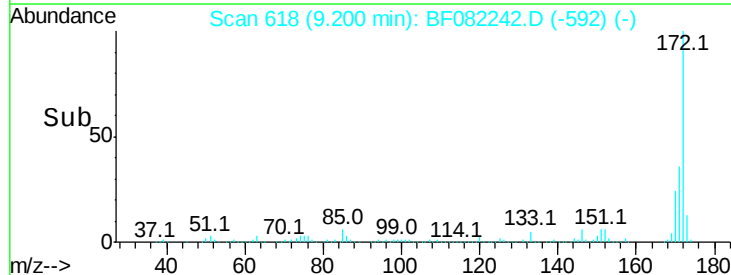
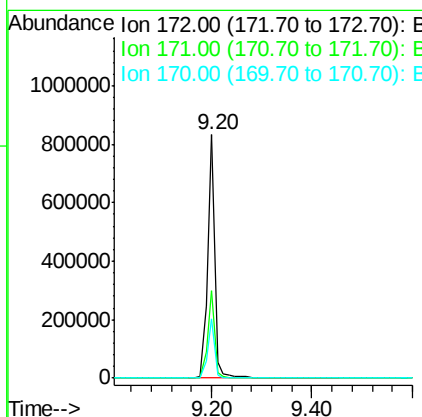
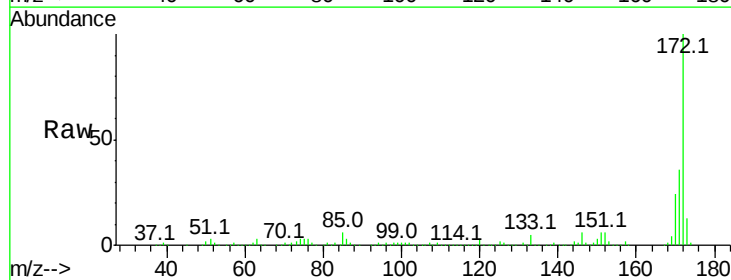
Manual Integrations
 APPROVED

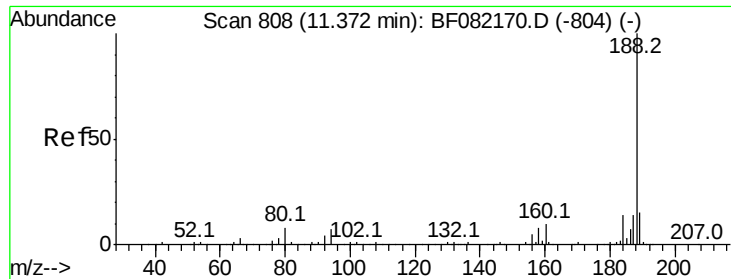
MMdadoda
 10/13/2015 1:25:12 PM



#44
 2-Fluorobiphenyl
 Concen: 111.59 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082242.D
 Acq: 13 Oct 2015 4:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	820916		
171	35.9	28.6	42.8	
170	24.2	19.7	29.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082242.D

Acq: 13 Oct 2015 4:29

Instrument :

BNA_F

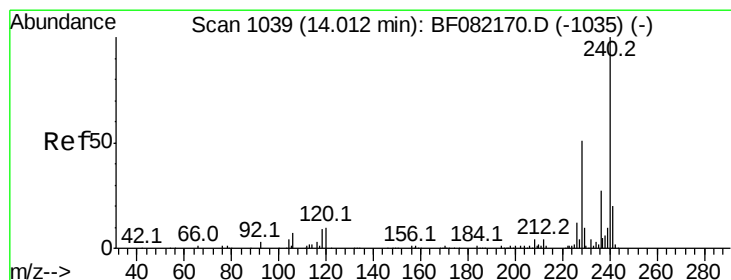
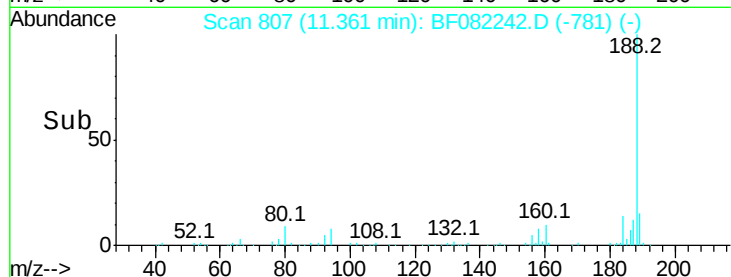
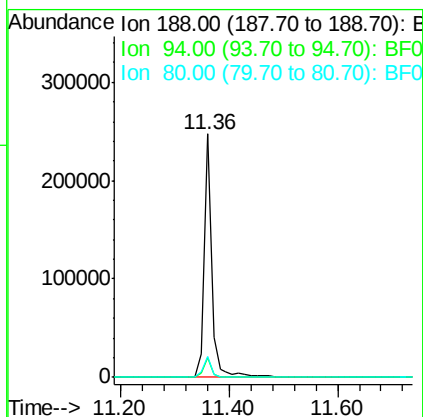
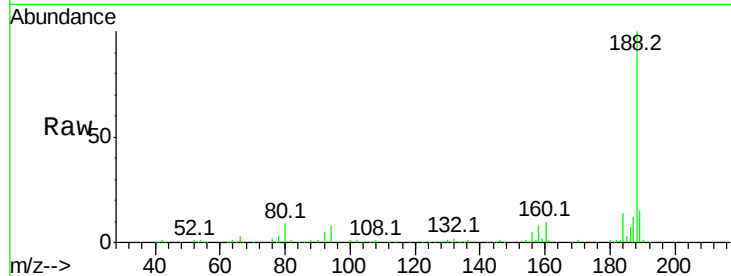
ClientSampleId :

TE-PMW(2-20)

Tot Ion:188	Resp: 240549
Ion Ratio	Lower Upper
188 100	
94 8.3	5.8 8.6
80 8.6	6.4 9.6

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:25:12 PM



#75

Chrysene-d12

Concen: 20.00 ng

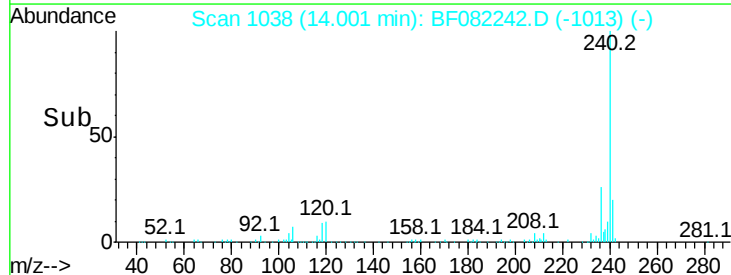
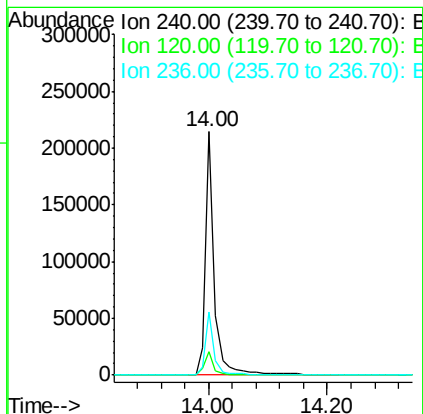
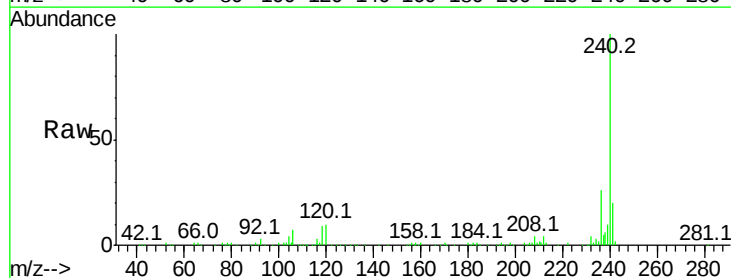
RT: 14.00 min Scan# 1038

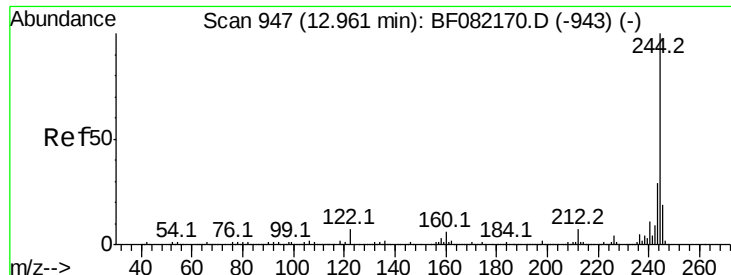
Delta R.T. -0.01 min

Lab File: BF082242.D

Acq: 13 Oct 2015 4:29

Tgt Ion:240	Resp: 229193
Ion Ratio	Lower Upper
240 100	
120 9.8	8.1 12.1
236 25.9	21.3 31.9





#78

Terphenyl-d14

Concen: 94.21 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082242.D

Acq: 13 Oct 2015 4:29

Instrument :

BNA_F

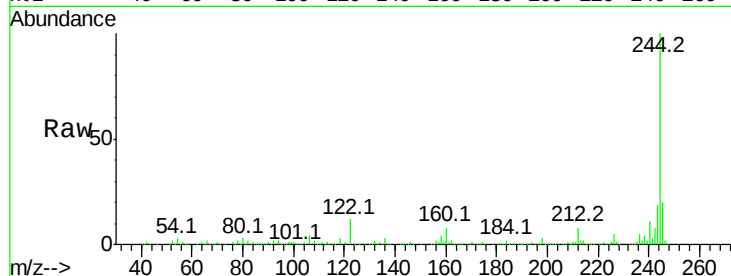
ClientSampleId :

TE-PMW(2-20)

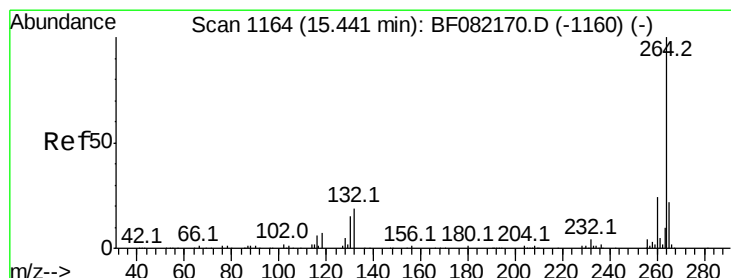
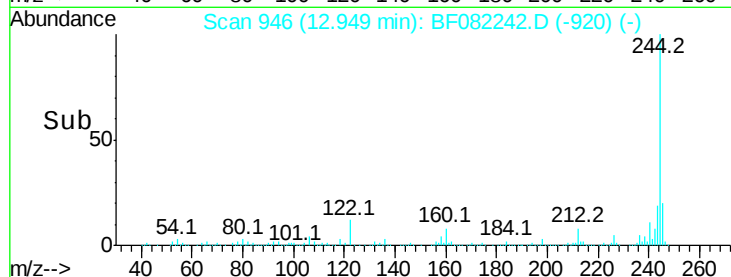
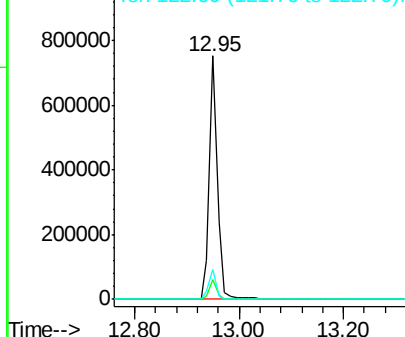
Tot Ion:	244	Resp:	814837
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.6
122	12.2	5.9	8.9#

Manual Integrations
APPROVED

MMdadoda
10/13/2015 1:25:12 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

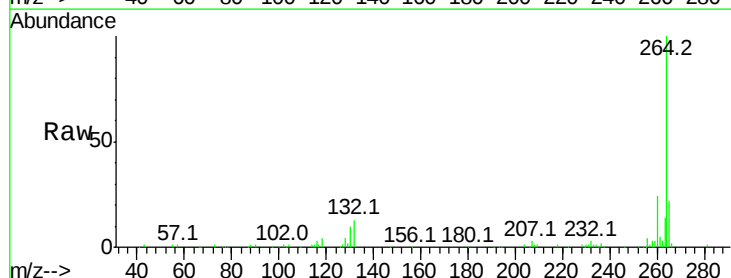
RT: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082242.D

Acq: 13 Oct 2015 4:29

Tgt Ion:	264	Resp:	175254
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.0	28.6
265	21.7	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

