

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082243.D
 Acq On : 13 Oct 2015 5:00
 Operator : UM/IZ
 Sample : G3990-21
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-22)

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:15 PM

Quant Time: Oct 13 06:48:55 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	58098m	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	242121	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	125651	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	257234	20.00	ng	0.00
75) Chrysene-d12	14.00	240	237804	20.00	ng	-0.01
86) Perylene-d12	15.44	264	180535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	227959	79.19	ng	0.00
7) Phenol-d6	6.47	99	173598	46.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	457550	126.91	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	188470	159.94	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	901732	119.01	ng	0.00
78) Terphenyl-d14	12.95	244	892349	99.44	ng	0.00

Target Compounds Qvalue

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

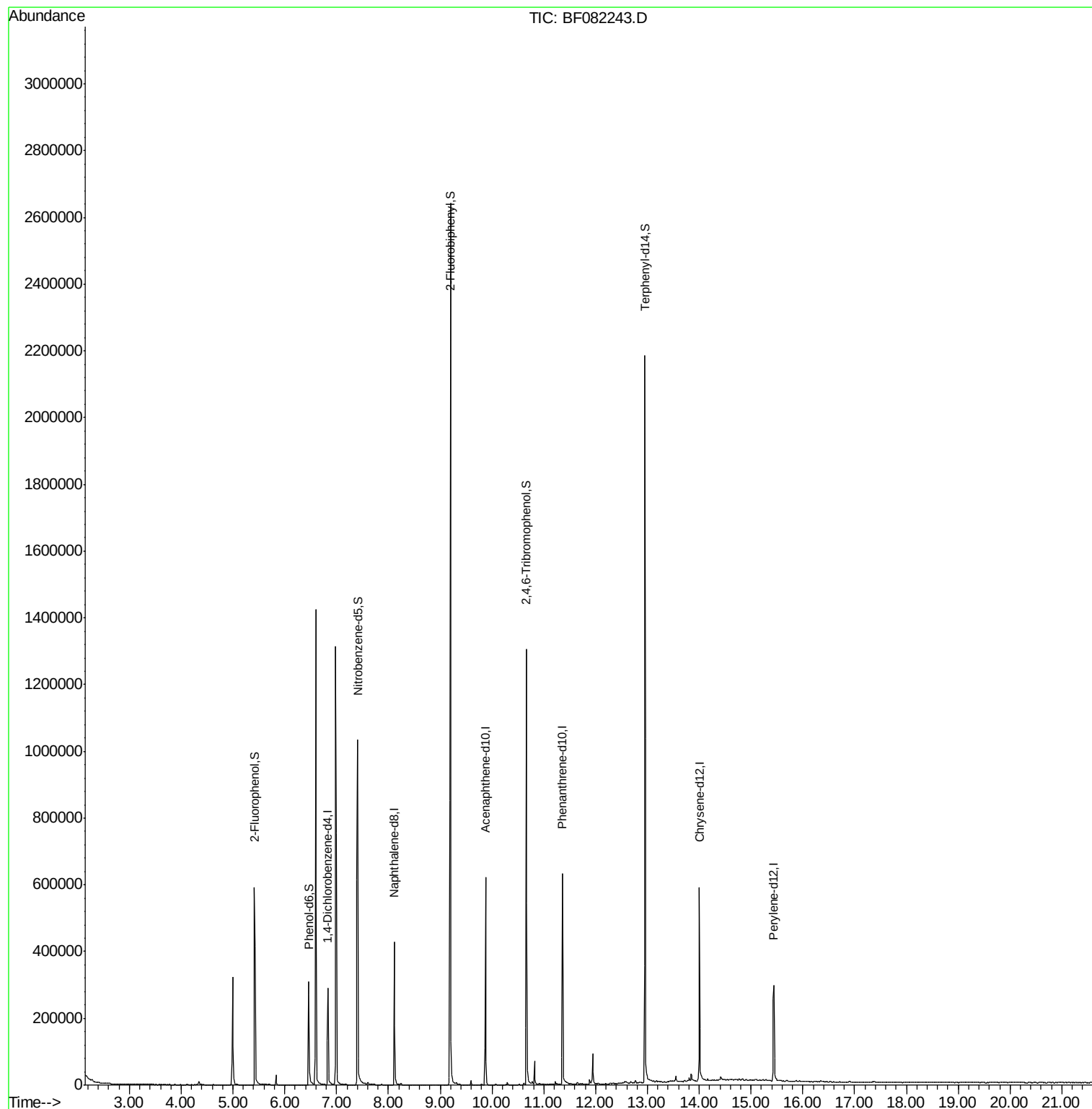
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082243.D
Acq On : 13 Oct 2015 5:00
Operator : UM/IZ
Sample : G3990-21
Misc :
ALS Vial : 25 Sample Multiplier: 1

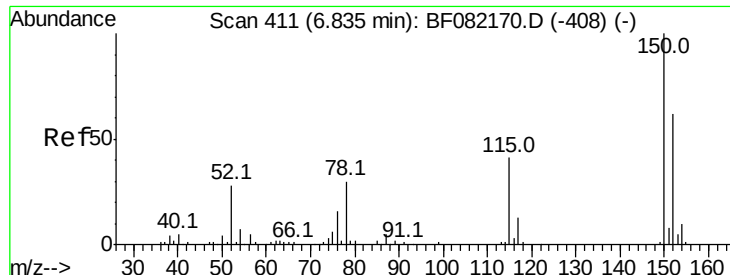
Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-22)

Manual Integrations
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10/13/2015 1:25:15 PM

Quant Time: Oct 13 06:48:55 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
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Response via : Initial Calibration





#1

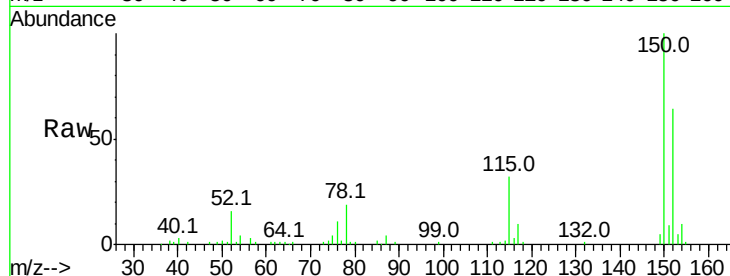
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082243.D
Acq: 13 Oct 2015 5:00

Instrument :
BNA_F
ClientSampleId :
TE-PMW(2-22)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	129.0	193.4
115	50.5	52.1	78.1#

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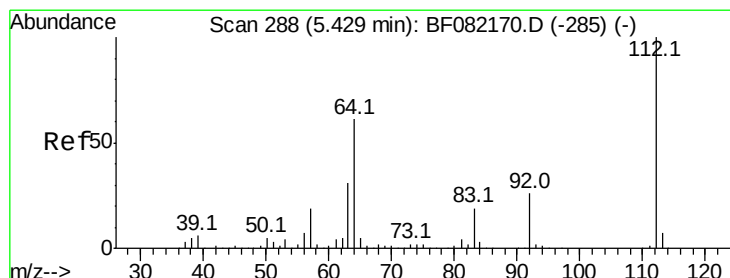
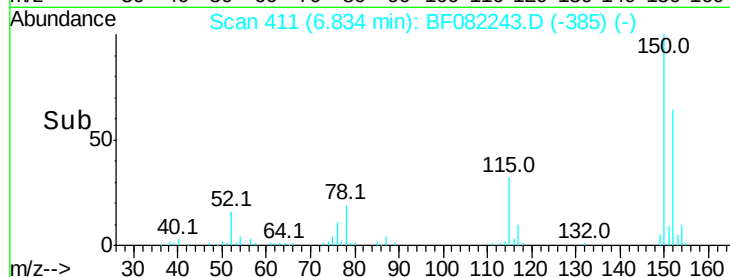
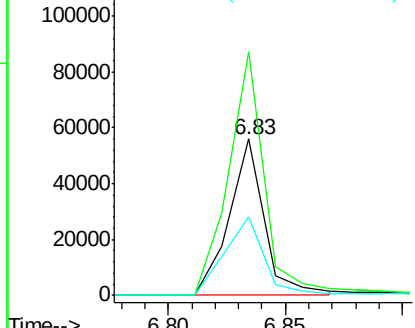


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

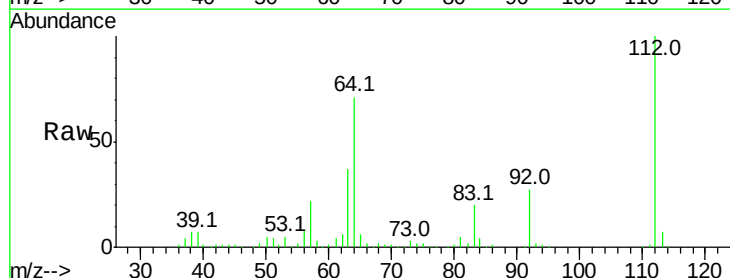
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.19 ng
RT: 5.42 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF082243.D
Acq: 13 Oct 2015 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.0	48.6	73.0
63	37.2	25.1	37.7

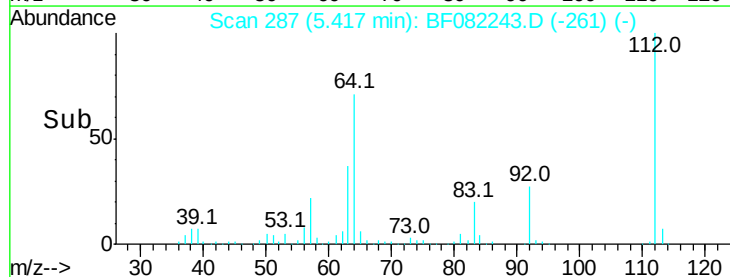
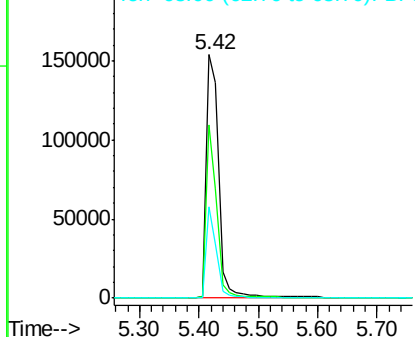


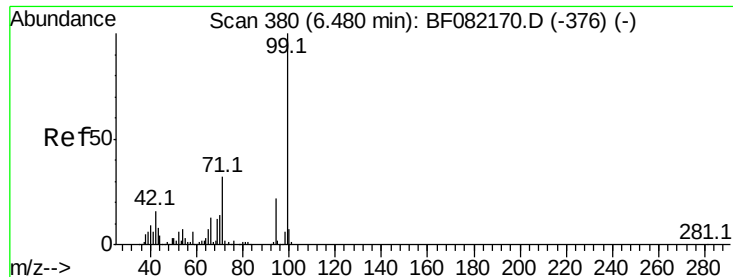
Abundance

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: 46.34 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

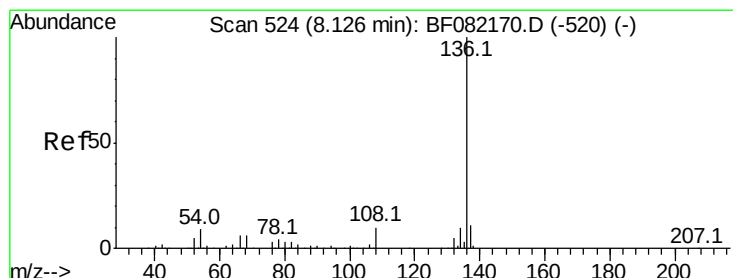
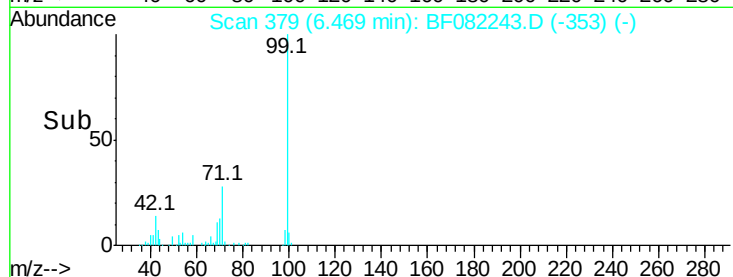
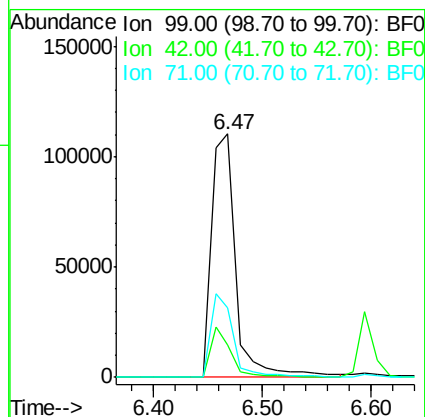
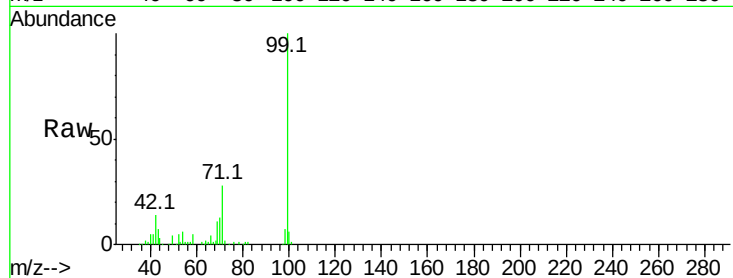
ClientSampled :

TE-PMW(2-22)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		173598		
42	13.6	13.2	19.8		
71	28.3	25.6	38.4		

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#21

Naphthalene-d8

Concen: 20.00 ng

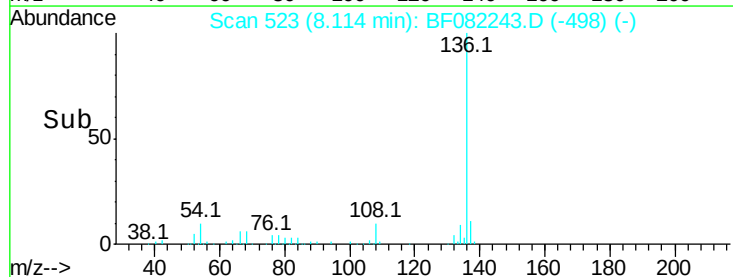
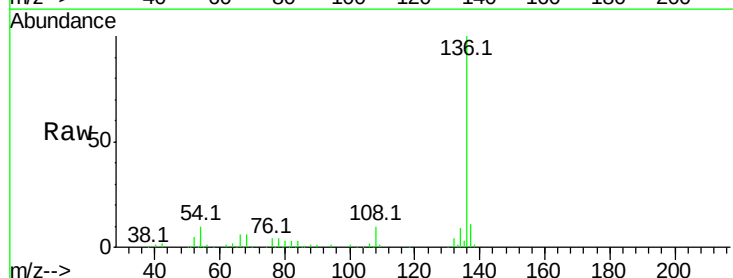
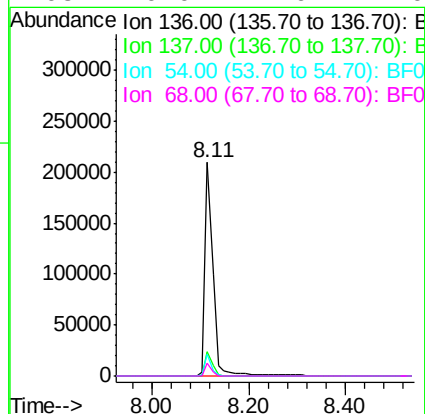
RT: 8.11 min Scan# 523

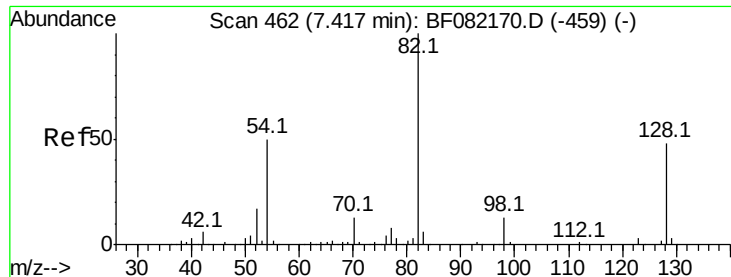
Delta R.T. -0.01 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		242121		
137	11.3	9.0	13.6		
54	10.0	7.5	11.3		
68	6.0	4.6	7.0		





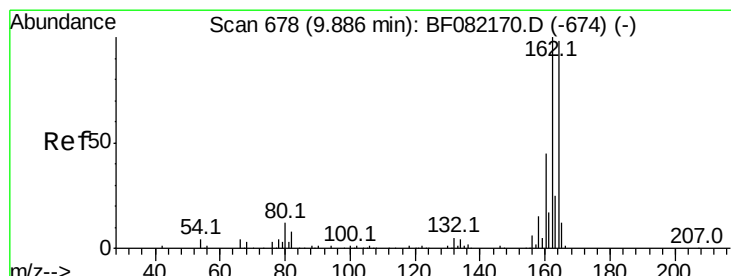
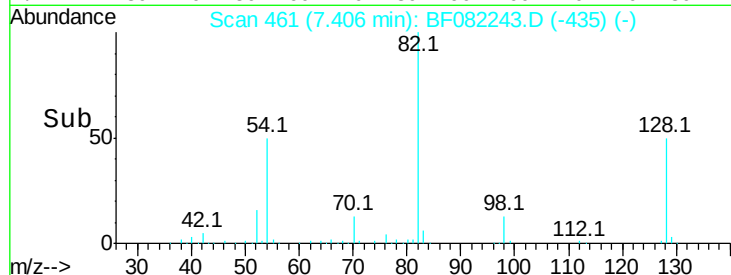
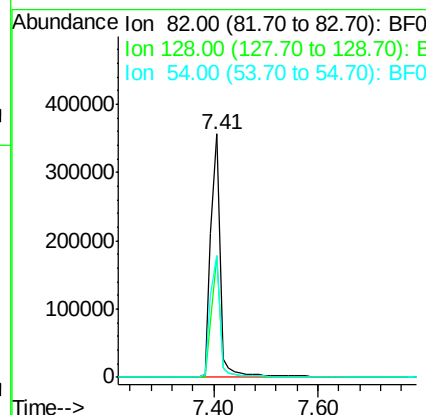
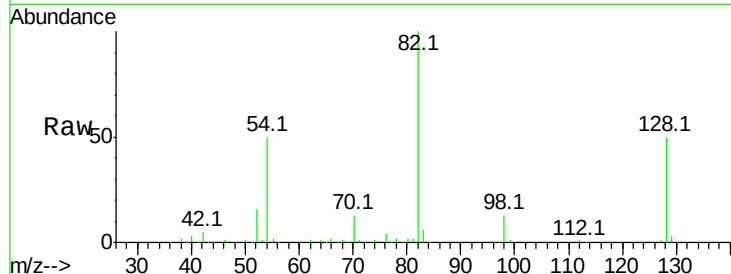
#23
 Nitrobenzene-d5
 Concen: 126.91 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-22)

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.7	38.7	58.1
54	50.0	40.1	60.1

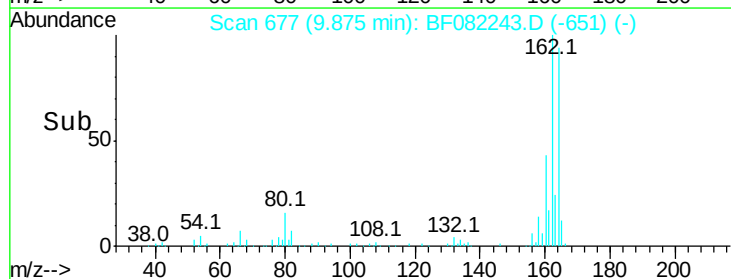
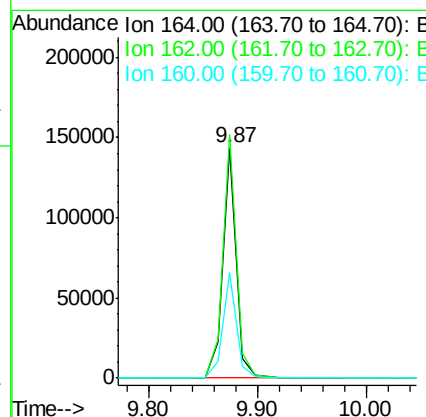
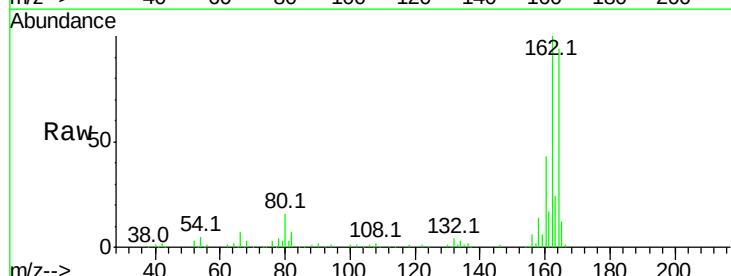
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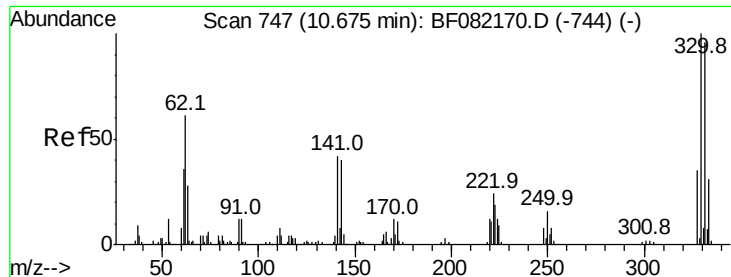
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.6	122.4
160	45.8	36.4	54.6





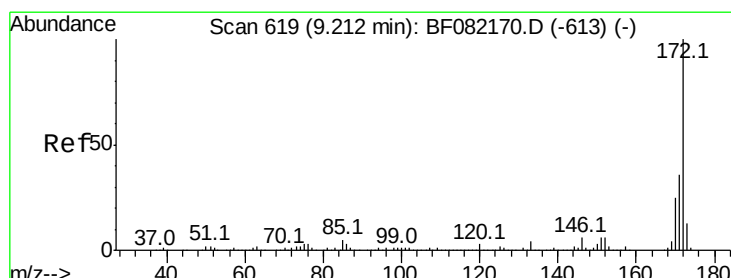
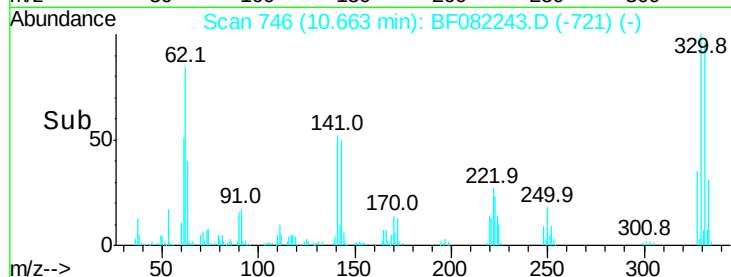
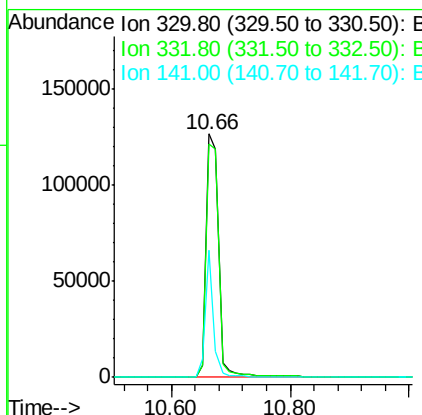
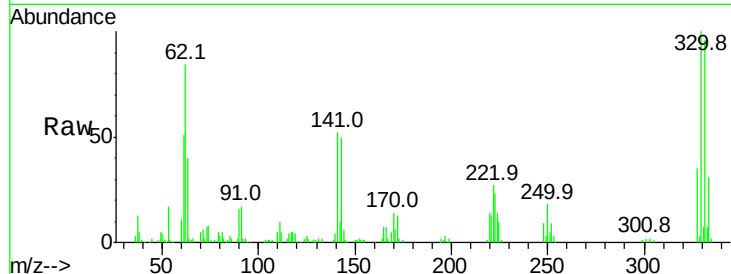
#41
 2,4,6-Tribromophenol
 Concen: 159.94 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW(2-22)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	188470		
332	96.2		77.1	115.7
141	34.4		29.8	44.8

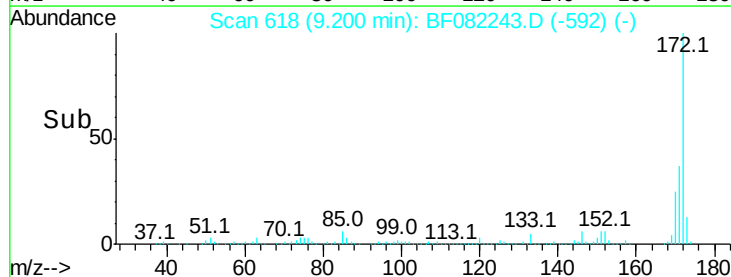
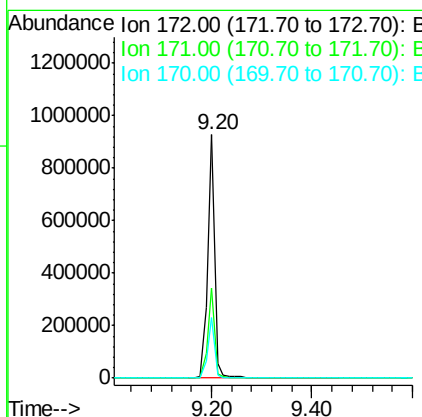
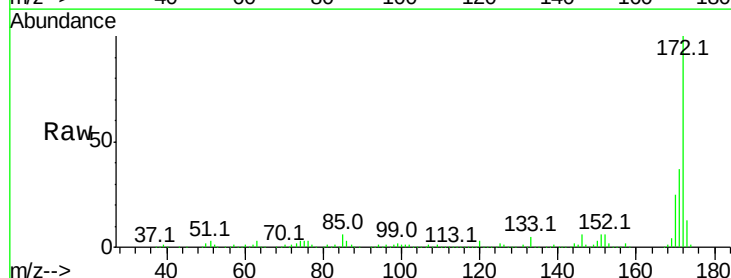
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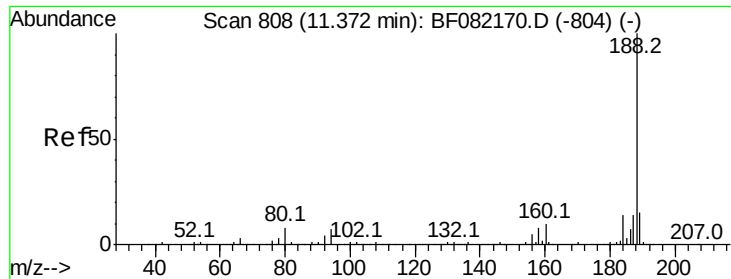
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#44
 2-Fluorobiphenyl
 Concen: 119.01 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082243.D
 Acq: 13 Oct 2015 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	901732		
171	36.8		28.6	42.8
170	25.0		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: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

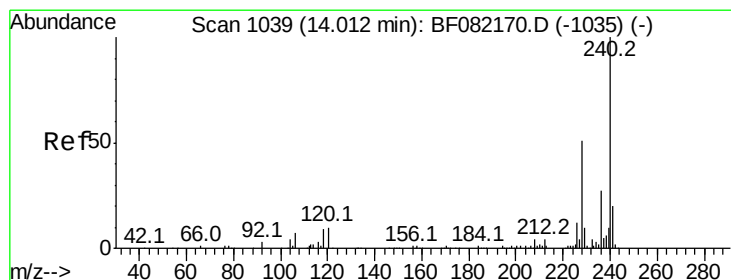
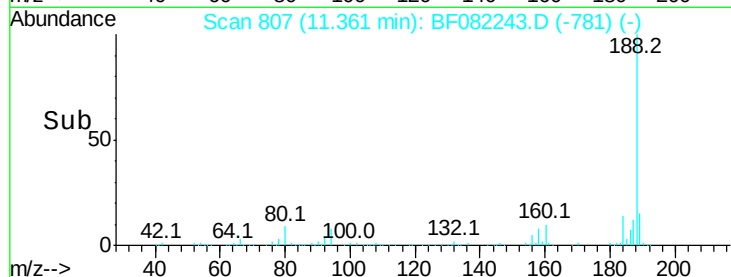
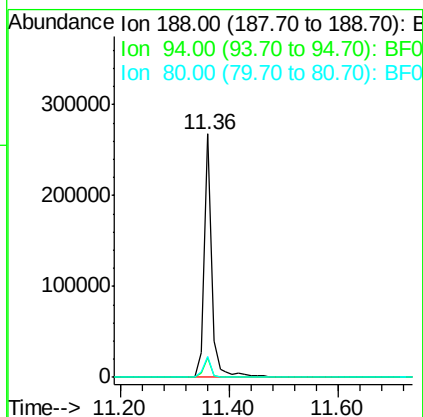
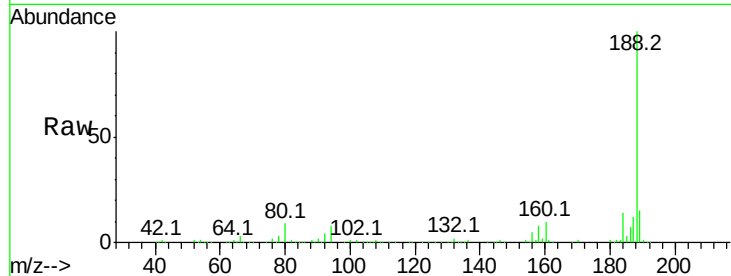
ClientSampleId :

TE-PMW(2-22)

Tot Ion:188	Resp: 257234
Ion Ratio	Lower Upper
188 100	
94 8.2	5.8 8.6
80 8.6	6.4 9.6

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#75

Chrysene-d12

Concen: 20.00 ng

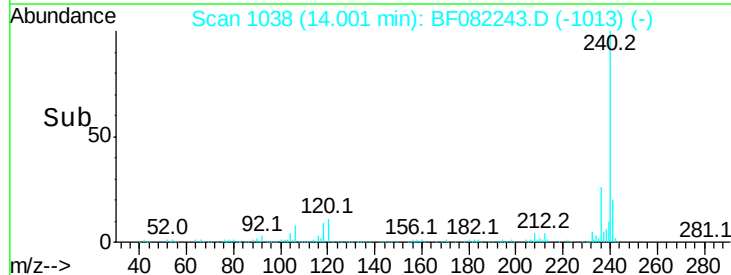
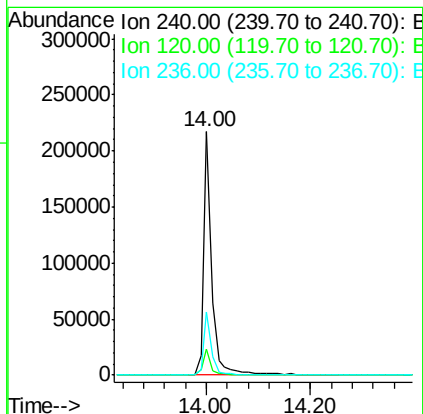
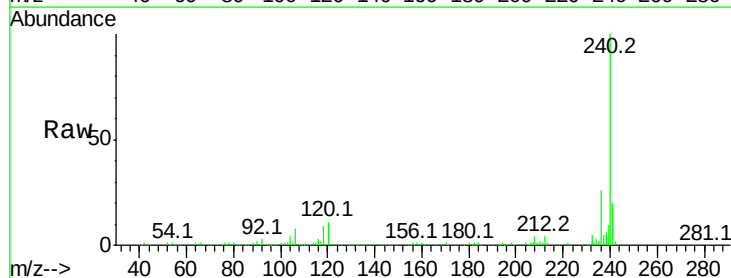
RT: 14.00 min Scan# 1038

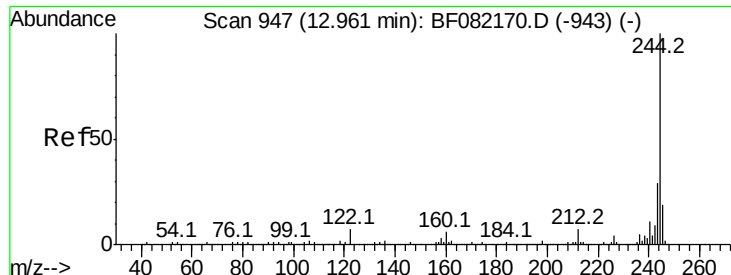
Delta R.T. -0.01 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Tgt Ion:240	Resp: 237804
Ion Ratio	Lower Upper
240 100	
120 10.9	8.1 12.1
236 25.7	21.3 31.9





#78

Terphenyl-d14

Concen: 99.44 ng

RT: 12.95 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Instrument :

BNA_F

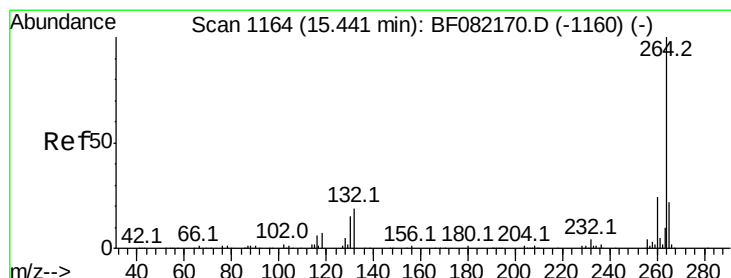
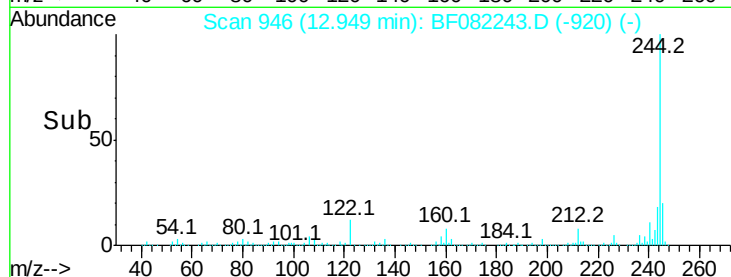
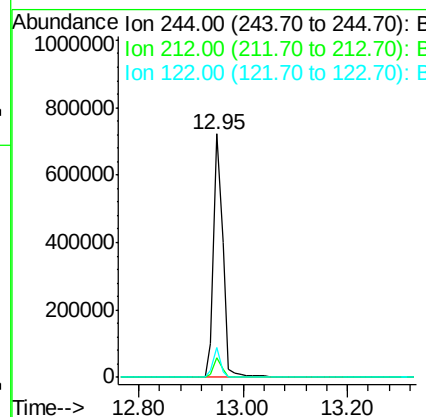
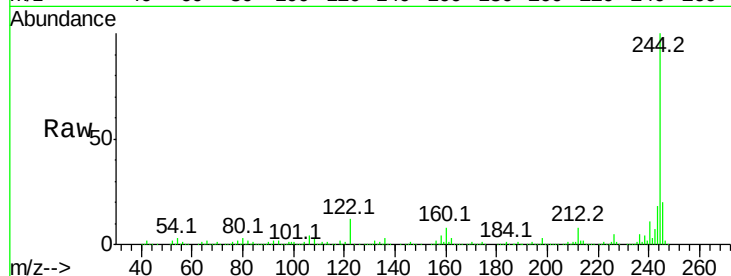
ClientSampleId :

TE-PMW(2-22)

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.8	5.8	8.6	
122	12.3	5.9	8.9	

Manual Integrations
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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF082243.D

Acq: 13 Oct 2015 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.2	19.0	28.6	
265	21.0	17.3	25.9	

