

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
 Data File : BF080659.D
 Acq On : 25 Jul 2015 9:23
 Operator : TP/UM
 Sample : G3079-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-7-22-15

Manual Integrations
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Quant Time: Jul 27 01:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 25 04:28:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55597	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	213606	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	121433	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	230239	20.00	ng	0.00
75) Chrysene-d12	14.25	240	210250	20.00	ng	0.09
86) Perylene-d12	15.91	264	186933	20.00	ng	0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	177924	53.89	ng	0.00
7) Phenol-d6	6.54	99	133375	33.82	ng	0.00
23) Nitrobenzene-d5	7.49	82	306803	72.13	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	132248	121.22	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	539224	68.51	ng	0.00
78) Terphenyl-d14	13.08	244	684330	70.08	ng	0.02
Target Compounds						
31) Naphthalene	8.24	128	68421	6.39	ng	Qvalue 96
37) 2-Methylnaphthalene	8.93	142	82987m	10.88	ng	
49) Dimethylphthalate	9.69	163	17900	2.06	ng	# 97

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

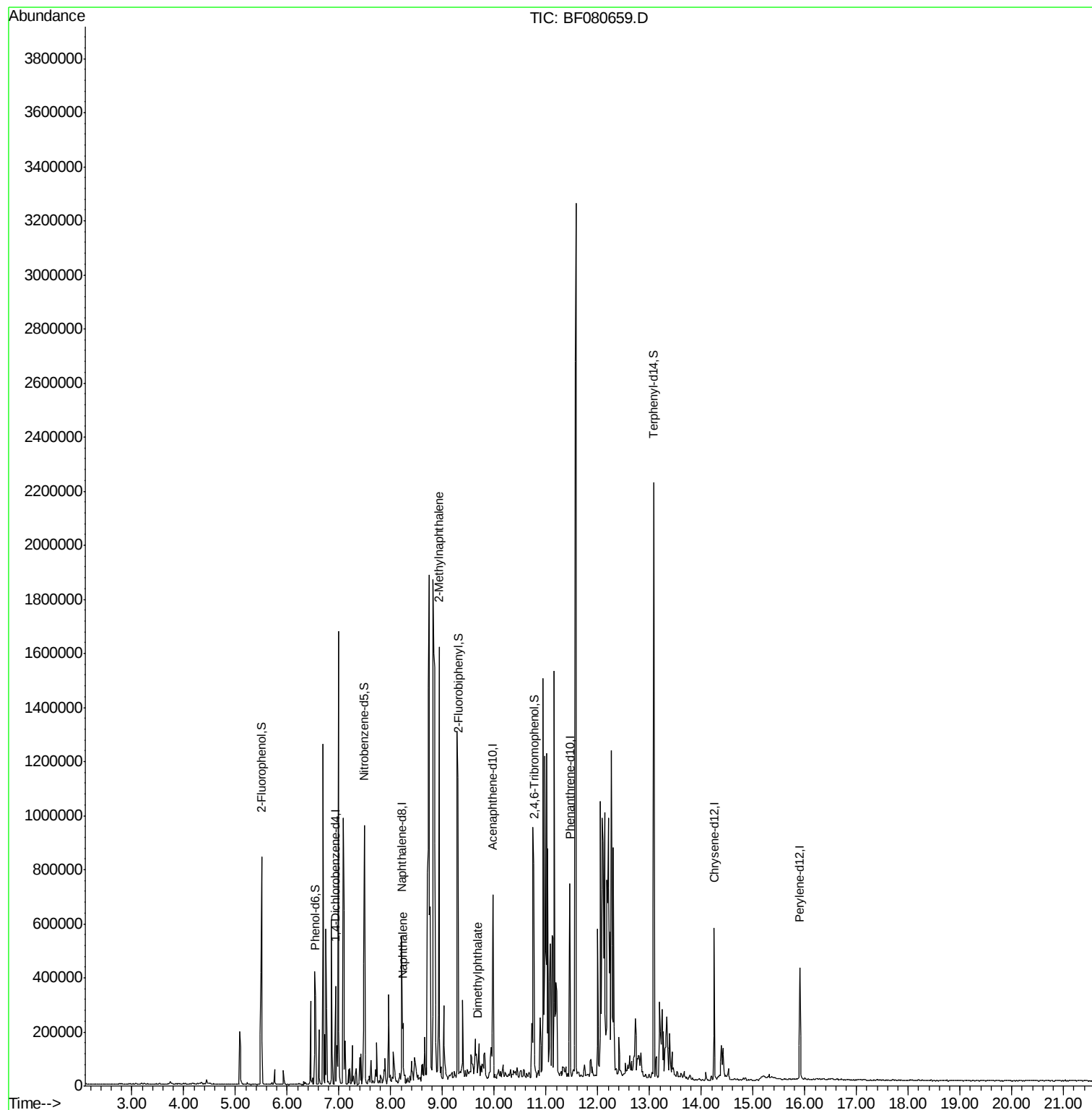
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080659.D
Acq On : 25 Jul 2015 9:23
Operator : TP/UM
Sample : G3079-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

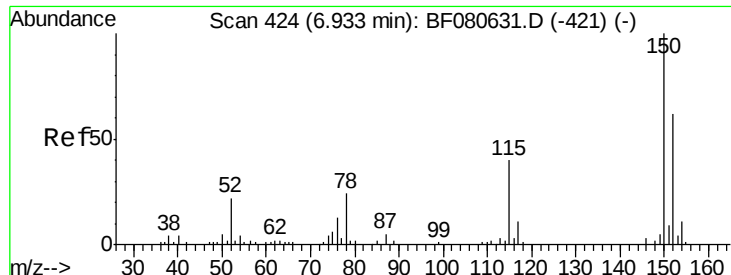
Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

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Quant Time: Jul 27 01:59:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 25 04:28:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

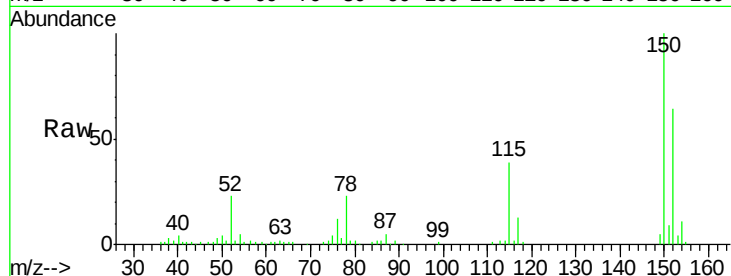
ClientSampleId :

MW-8-7-22-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.2	128.9	193.3
115	62.0	51.0	76.6

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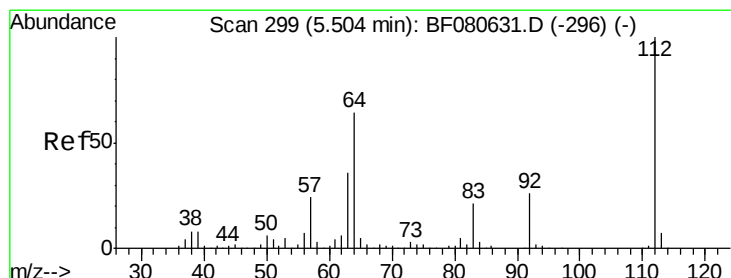
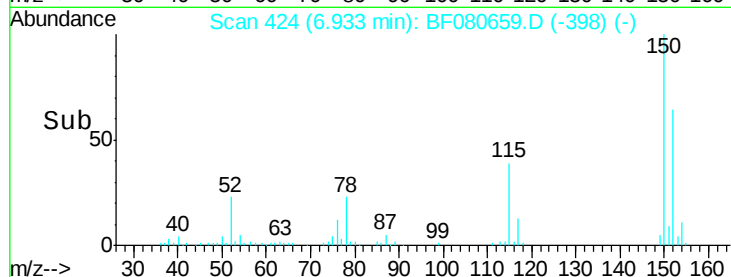
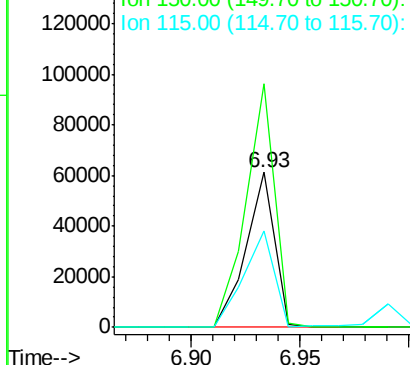
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 53.89 ng

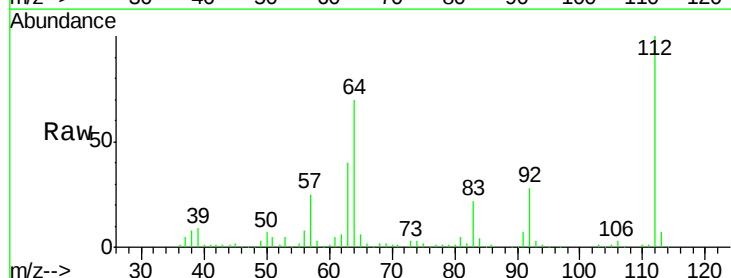
RT: 5.50 min Scan# 299

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

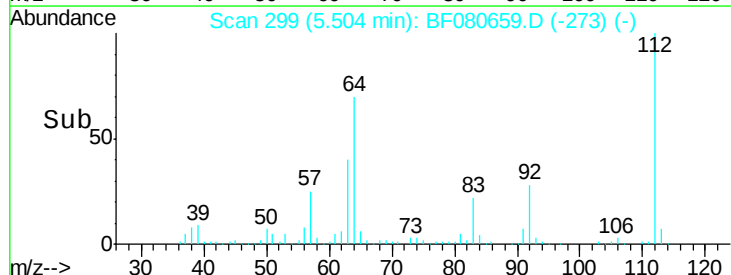
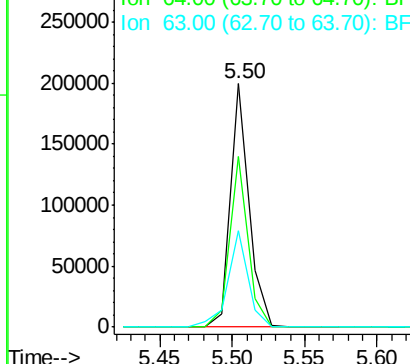
Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	51.2	76.8
63	39.8	29.0	43.6

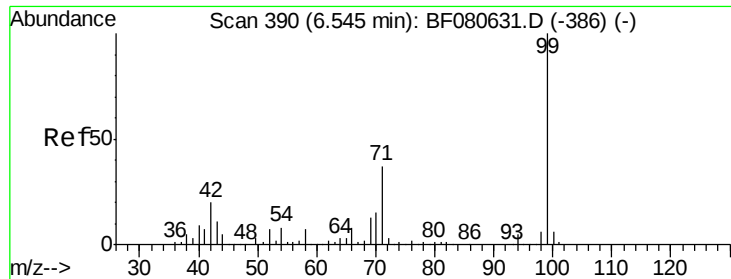


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.82 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

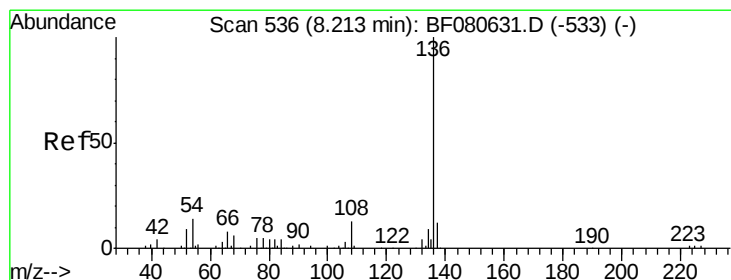
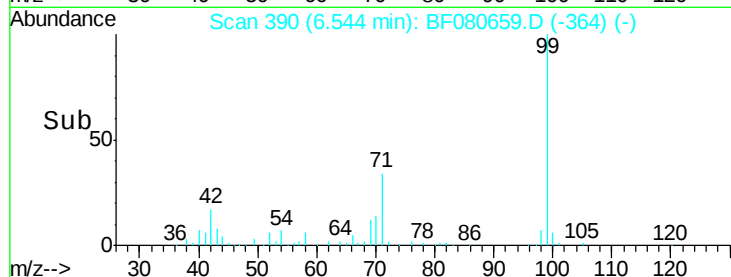
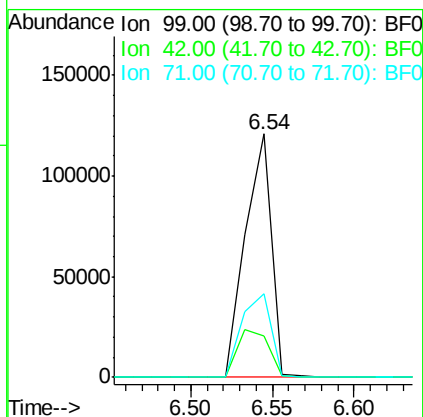
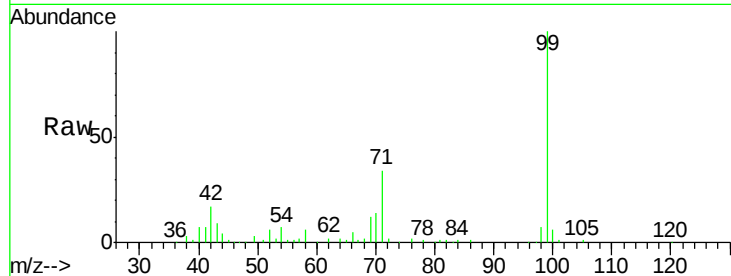
ClientSampleId :

MW-8-7-22-15

Tgt Ion:	99	Resp:	133375
Ion Ratio	Lower	Upper	
99	100		
42	17.2	16.3	24.5
71	34.3	29.7	44.5

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#21

Naphthalene-d8

Concen: 20.00 ng

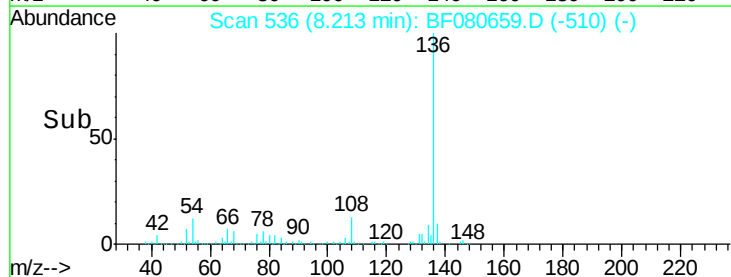
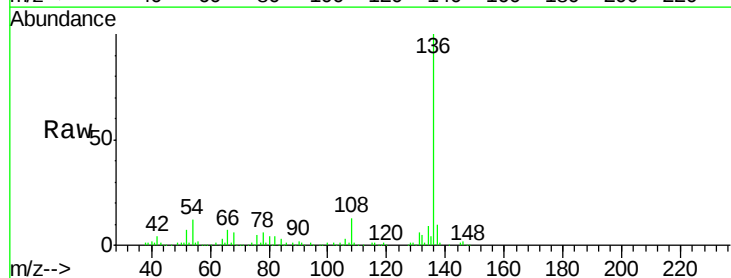
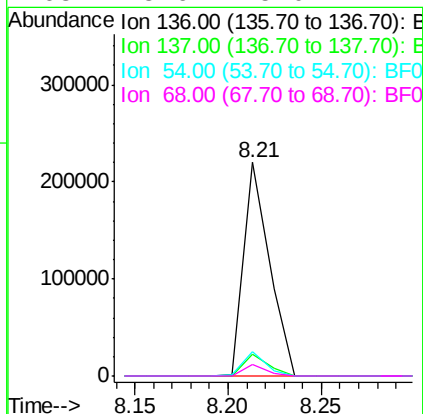
RT: 8.21 min Scan# 536

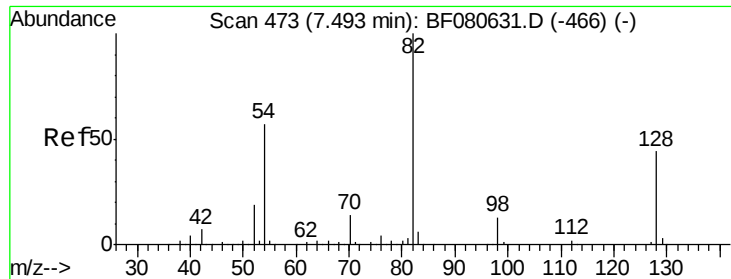
Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Tgt Ion:	136	Resp:	213606
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.3	13.9
54	11.7	11.6	17.4
68	5.6	5.0	7.4





#23

Nitrobenzene-d5

Concen: 72.13 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

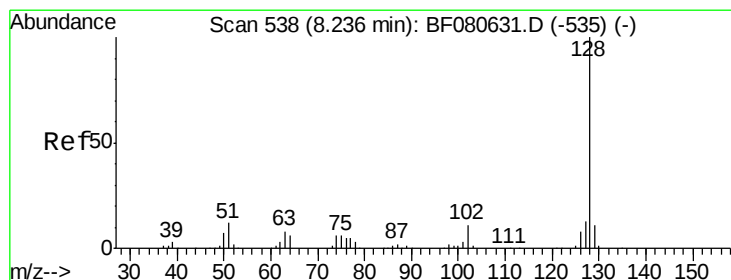
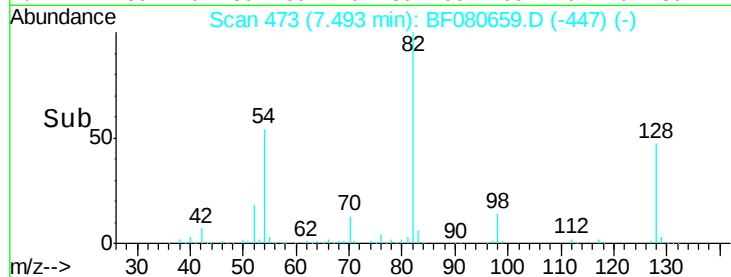
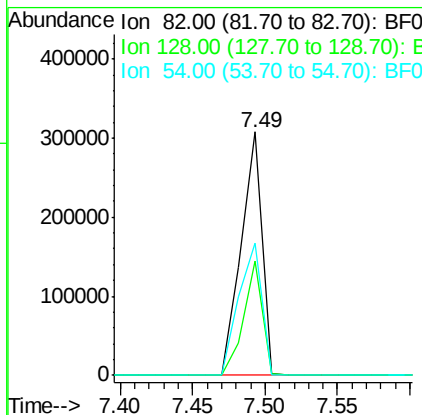
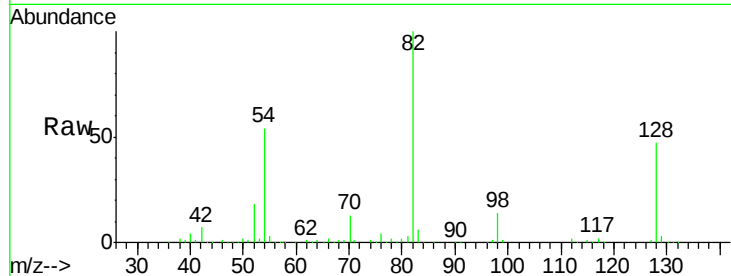
ClientSampleId :

MW-8-7-22-15

Tgt Ion:	82	Resp:	306803
Ion Ratio	Lower	Upper	
82	100		
128	46.9	34.8	52.2
54	54.5	45.4	68.0

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#31

Naphthalene

Concen: 6.39 ng

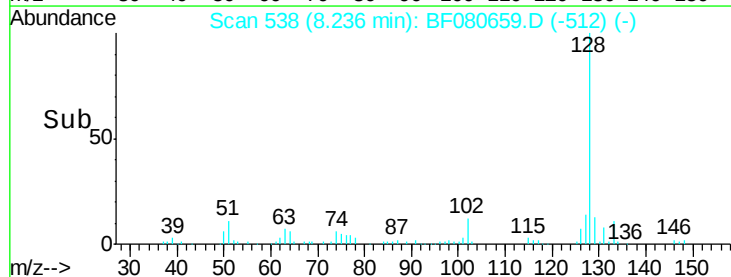
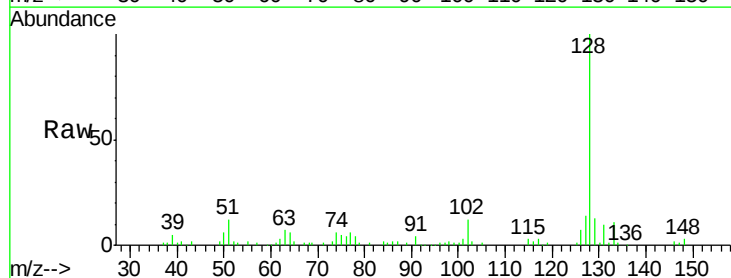
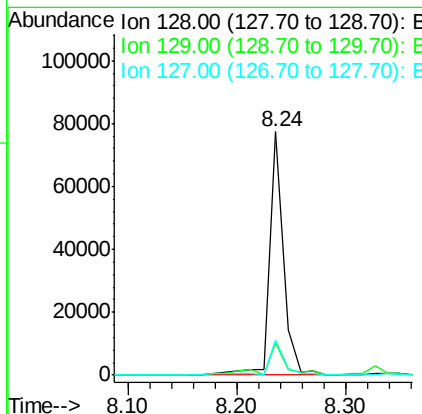
RT: 8.24 min Scan# 538

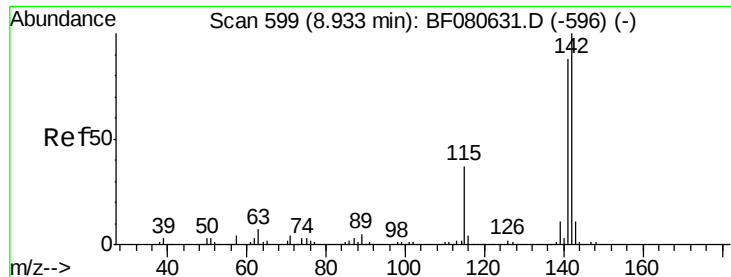
Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Tgt Ion:	128	Resp:	68421
Ion Ratio	Lower	Upper	
128	100		
129	13.1	9.0	13.6
127	14.5	10.6	15.8





#37

2-Methylnaphthalene

Concen: 10.88 ng m

RT: 8.93 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

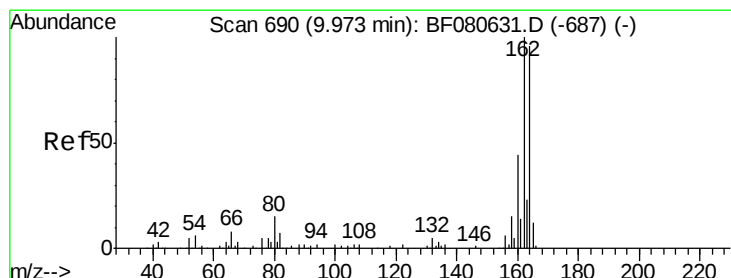
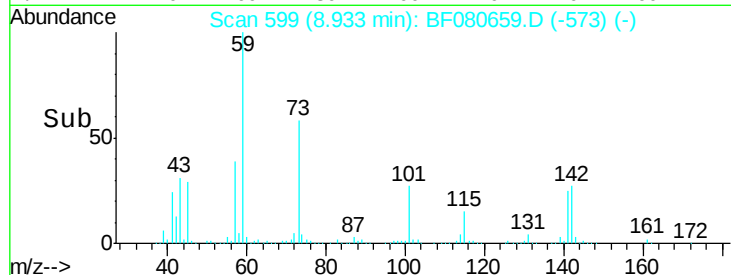
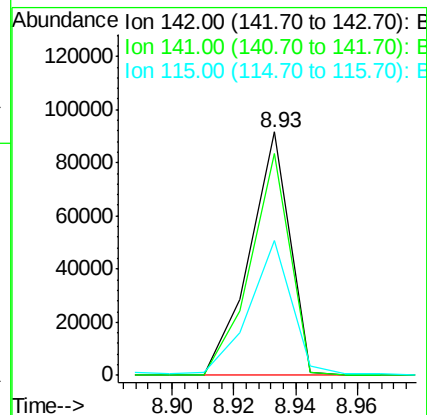
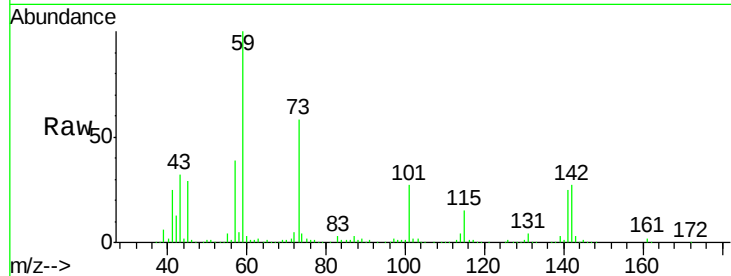
ClientSampleId :

MW-8-7-22-15

Tgt Ion:	142	Resp:	82987
Ion Ratio	Lower	Upper	
142	100		
141	91.1	70.7	106.1
115	55.5	29.3	43.9#

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#38

Acenaphthene-d10

Concen: 20.00 ng

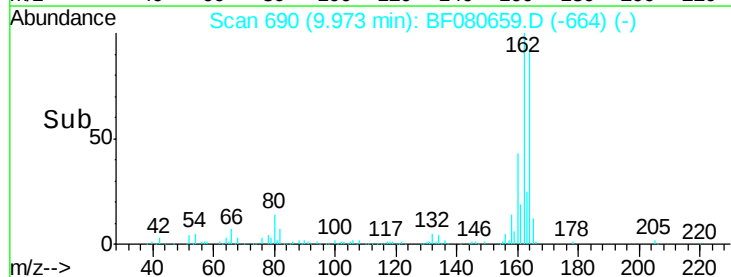
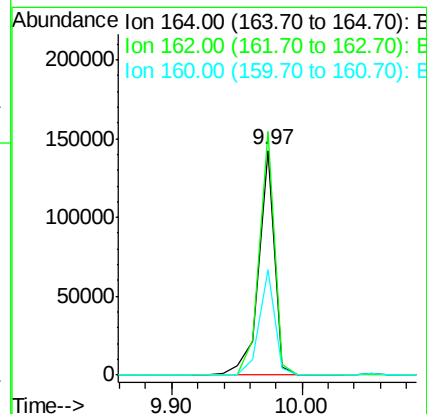
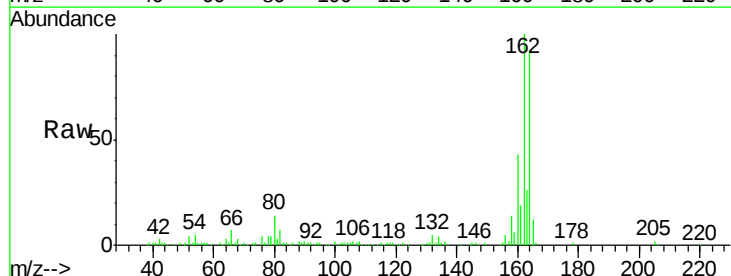
RT: 9.97 min Scan# 690

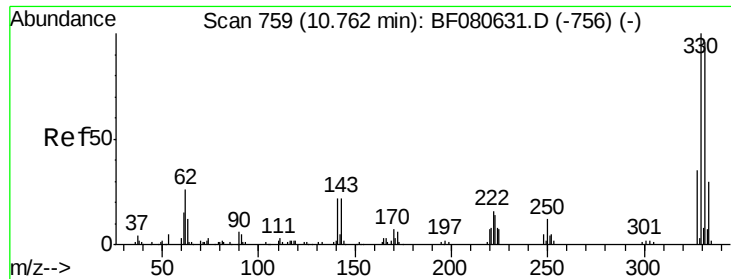
Delta R.T. -0.00 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Tgt Ion:	164	Resp:	121433
Ion Ratio	Lower	Upper	
164	100		
162	108.2	83.3	124.9
160	46.8	36.9	55.3





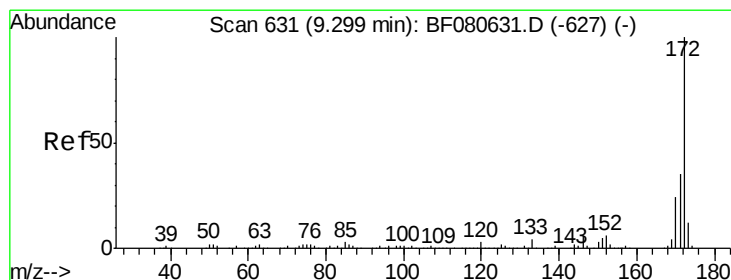
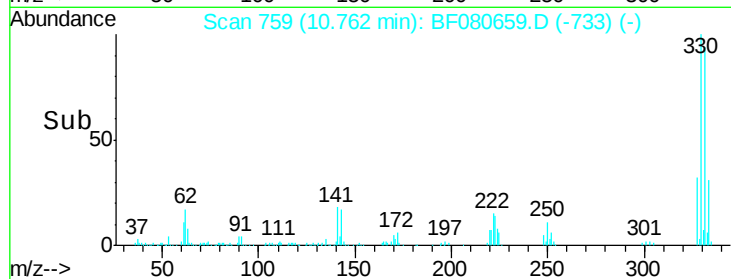
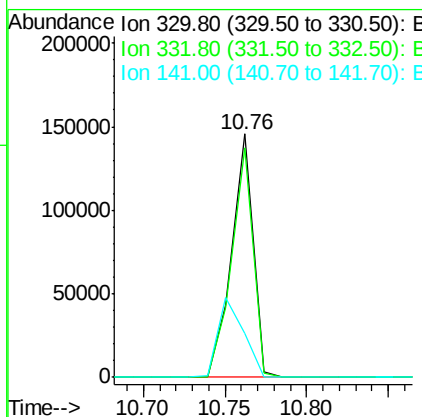
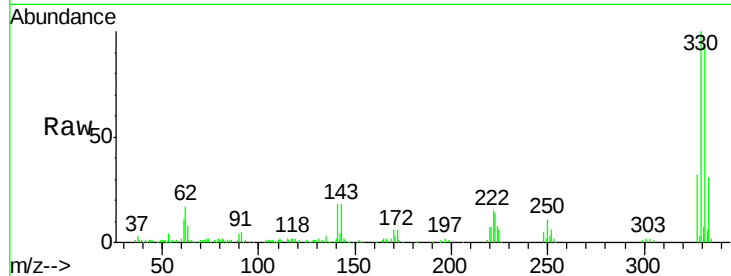
#41
 2,4,6-Tribromophenol
 Concen: 121.22 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Instrument :
 BNA_F
 ClientSampleId :
 MW-8-7-22-15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	132248		
332	94.5	76.7	115.1	
141	39.8	32.7	49.1	

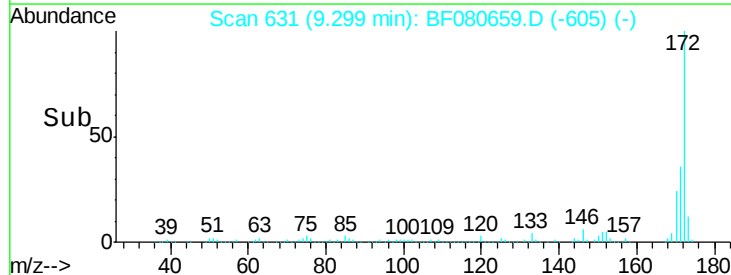
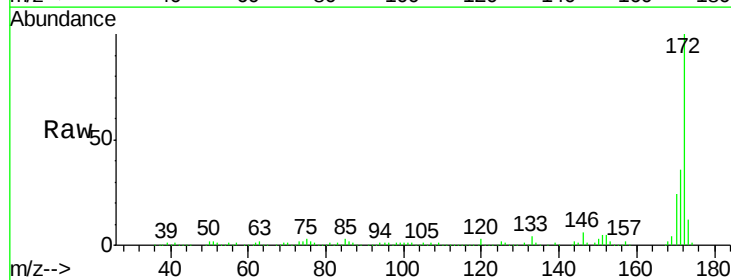
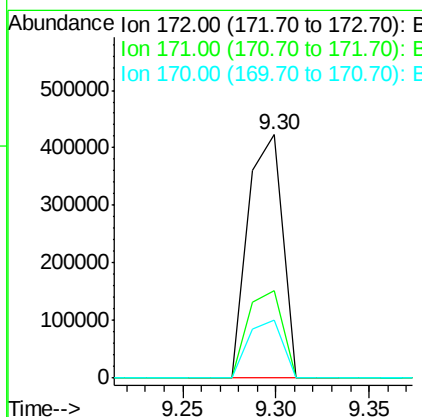
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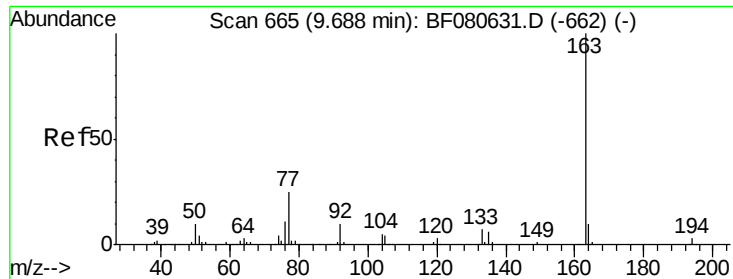
apatel
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#44
 2-Fluorobiphenyl
 Concen: 68.51 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF080659.D
 Acq: 25 Jul 2015 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	539224		
171	35.9	27.7	41.5	
170	23.6	19.0	28.4	





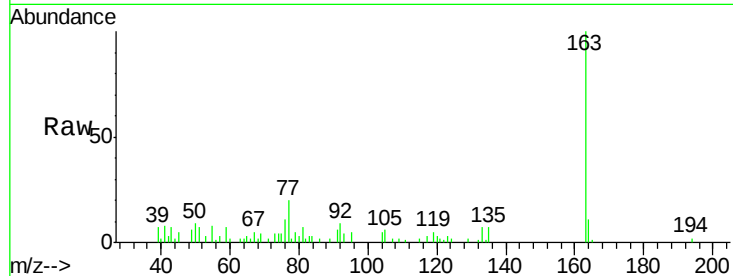
#49
Dimethylphthalate
Concen: 2.06 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	17900		
194	2.2	2.5	3.7#	
164	11.1	8.0	12.0	

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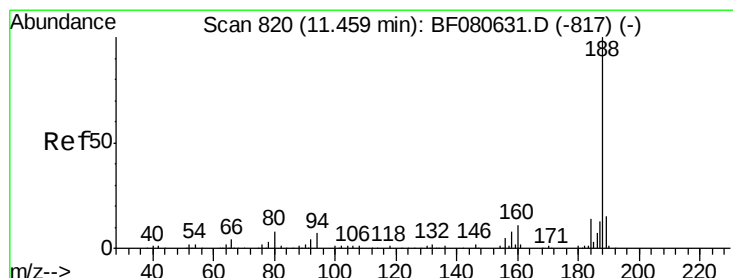
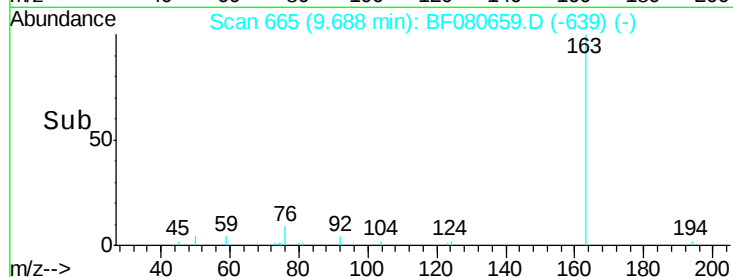
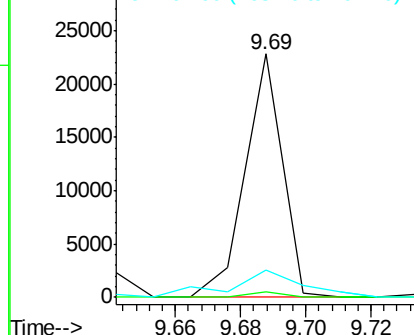


Abundance

Ion 163.00 (162.70 to 163.70): E

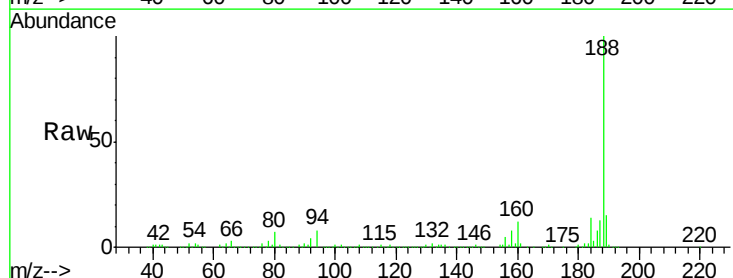
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	230239		
94	7.7	5.6	8.4	
80	7.3	6.1	9.1	

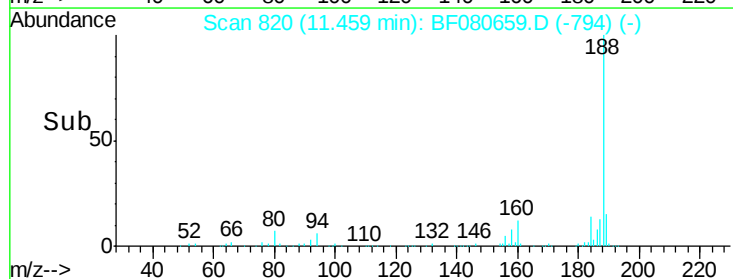
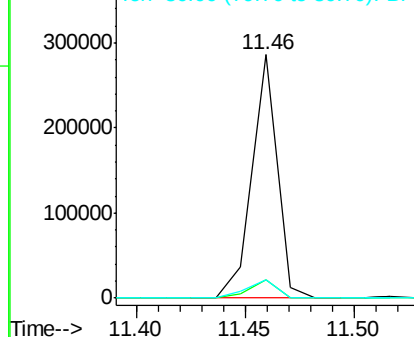


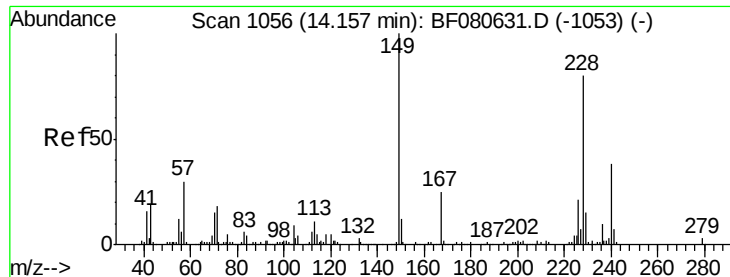
Abundance

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: 14.25 min Scan# 1064

Delta R.T. 0.09 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Instrument :

BNA_F

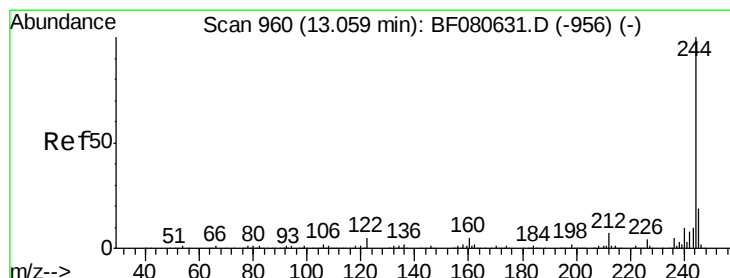
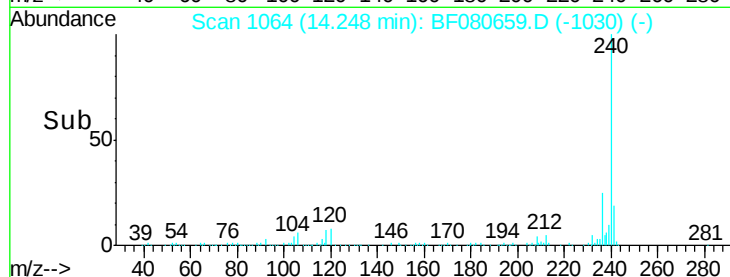
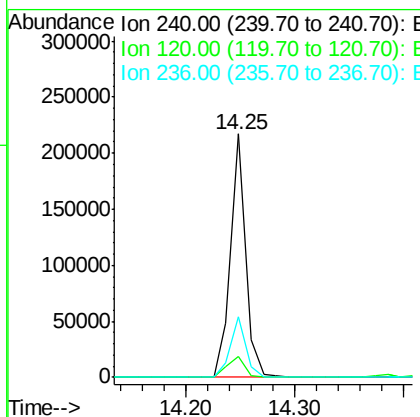
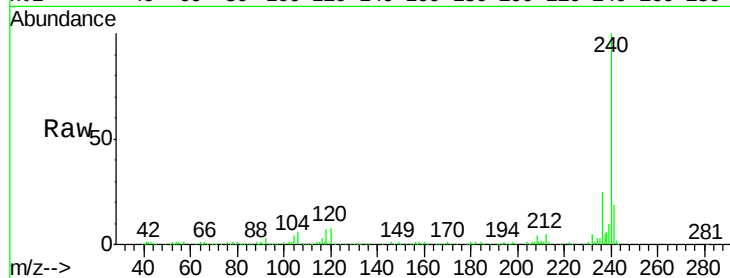
ClientSampleId :

MW-8-7-22-15

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		210250		
120	8.4		10.8	16.2	#
236	25.1		20.3	30.5	

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#78

Terphenyl-d14

Concen: 70.08 ng

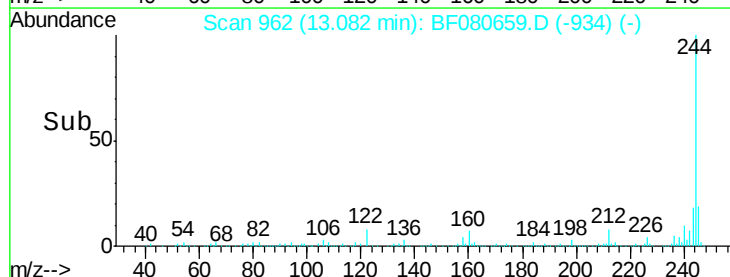
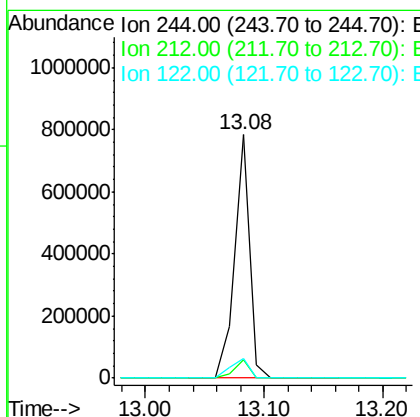
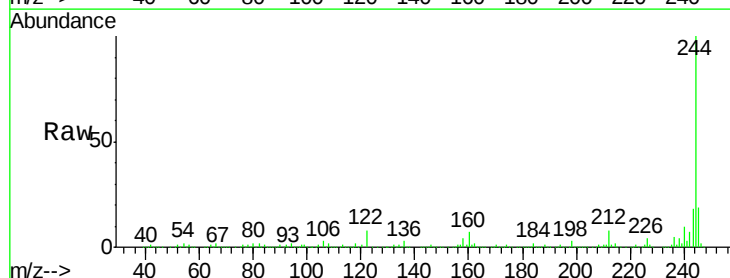
RT: 13.08 min Scan# 962

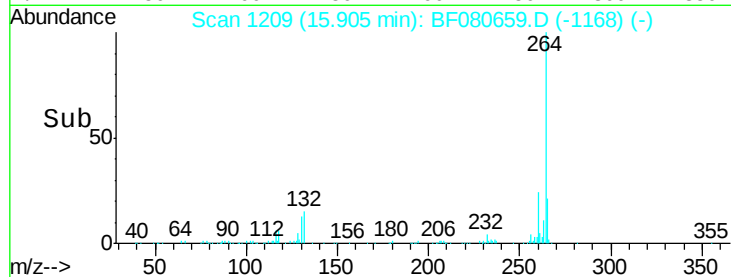
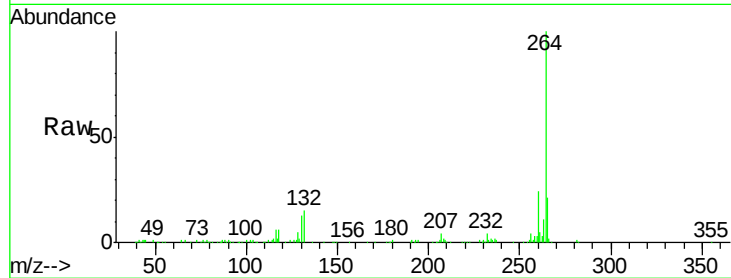
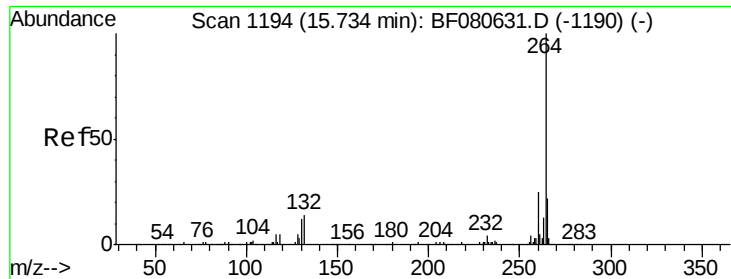
Delta R.T. 0.02 min

Lab File: BF080659.D

Acq: 25 Jul 2015 9:23

Tgt	Ion	Ratio	Resp	Lower	Upper
244	100		684330		
212	7.5		5.2	7.8	
122	8.3		4.1	6.1	#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. 0.17 min
Lab File: BF080659.D
Acq: 25 Jul 2015 9:23

Instrument :
BNA_F
ClientSampleId :
MW-8-7-22-15

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.8	20.1	30.1
265	21.0	17.4	26.0

Manual Integrations
APPROVED

apatel
7/27/2015 4:22:43 PM

