

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
 Data File : BF082209.D
 Acq On : 11 Oct 2015 7:39
 Operator : UM/IZ
 Sample : G3889-02DL 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-5-7DL

Manual Integrations
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Quant Time: Oct 12 04:23:02 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 02:59:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	92597	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	368127	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	166545	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	283069	20.00	ng	0.00
75) Chrysene-d12	14.00	240	249873	20.00	ng	-0.01
86) Perylene-d12	15.44	264	234807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	53089	11.57	ng	0.00
7) Phenol-d6	6.47	99	75866	12.71	ng	-0.01
23) Nitrobenzene-d5	7.41	82	44356	8.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	10328	6.61	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	112206	11.17	ng	-0.01
78) Terphenyl-d14	12.95	244	92315	9.79	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.15	128	766227	48.02	ng	99
37) 2-Methylnaphthalene	8.83	142	126428	11.43	ng	98
49) Dimethylphthalate	9.60	163	27183	2.32	ng	# 99
51) Acenaphthene	9.91	154	39503	4.23	ng	99
57) Fluorene	10.42	166	26962m	2.56	ng	
70) Phenanthrene	11.39	178	92534	6.67	ng	97
71) Anthracene	11.44	178	35749	2.50	ng	97
77) Pyrene	12.81	202	40945	2.76	ng	96

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

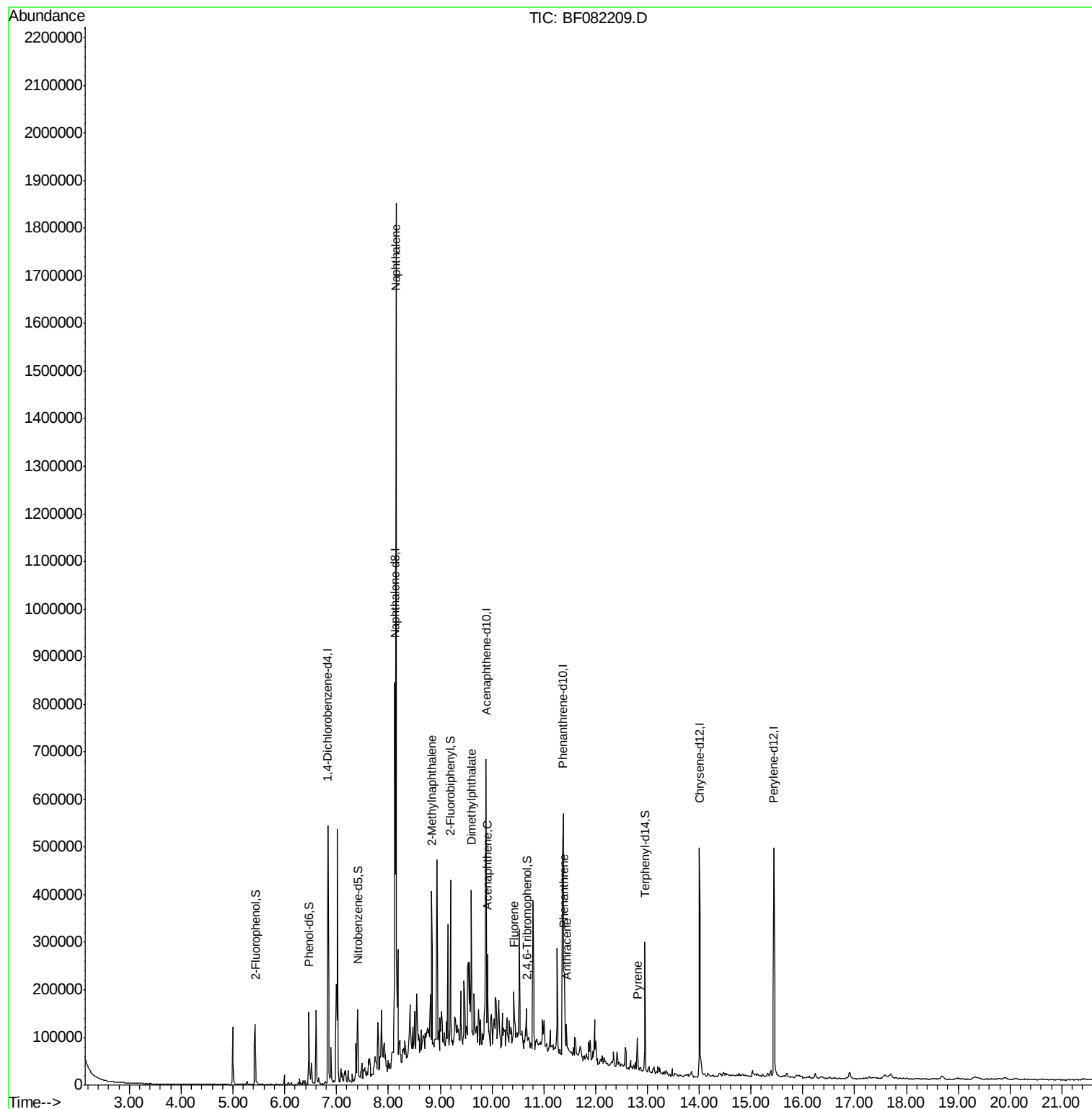
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
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Misc :
ALS Vial : 42 Sample Multiplier: 1

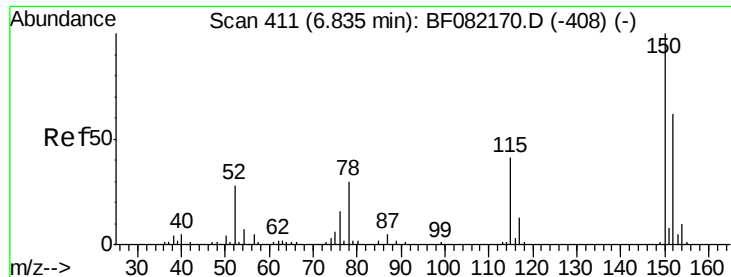
Instrument :
BNA_F
ClientSampleId :
MGP123-5-7DL

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#1

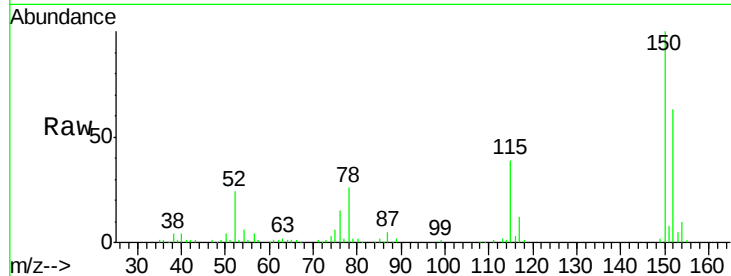
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7DL

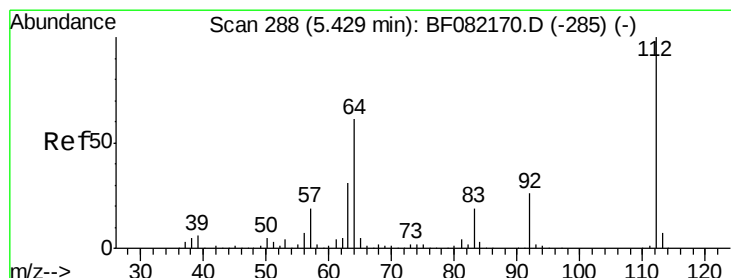
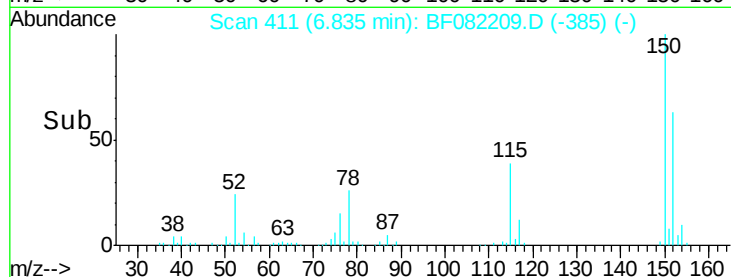
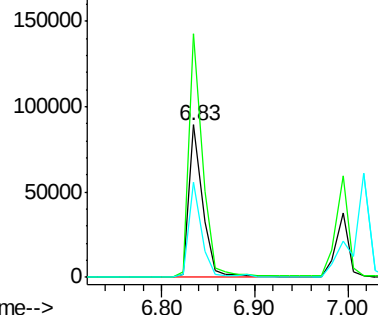
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	129.0	193.4
115	62.3	52.1	78.1

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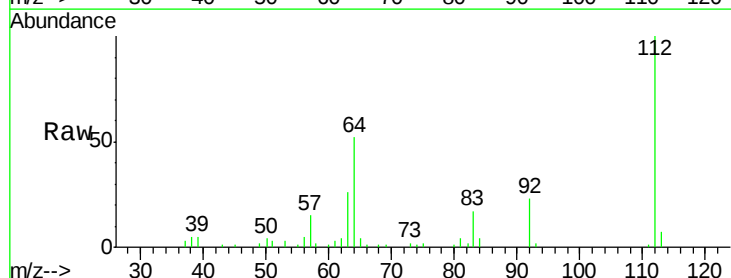
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



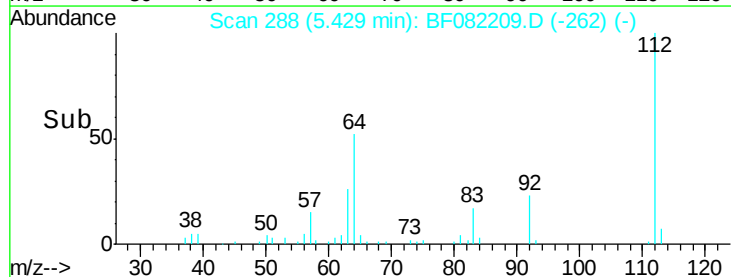
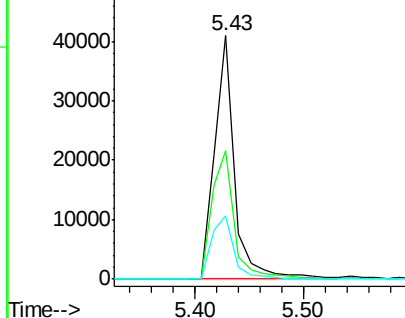
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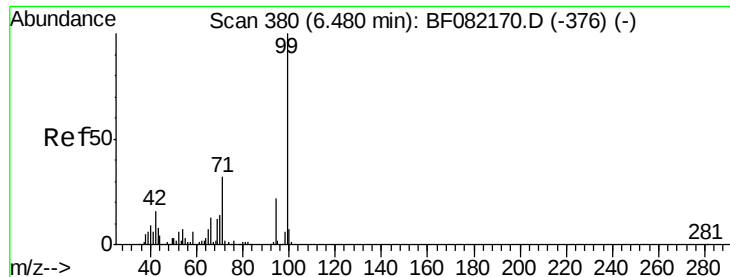
2-Fluorophenol
Concen: 11.57 ng
RT: 5.43 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.5	48.6	73.0
63	26.2	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: 12.71 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082209.D

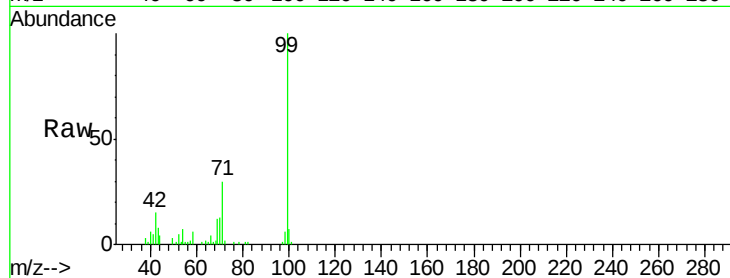
Acq: 11 Oct 2015 7:39

Instrument :

BNA_F

ClientSampleId :

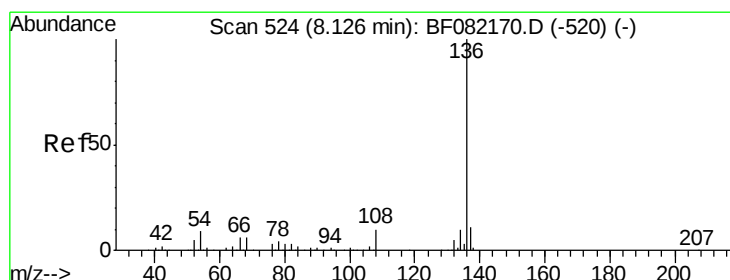
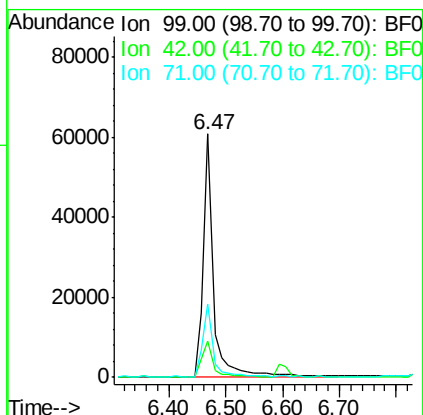
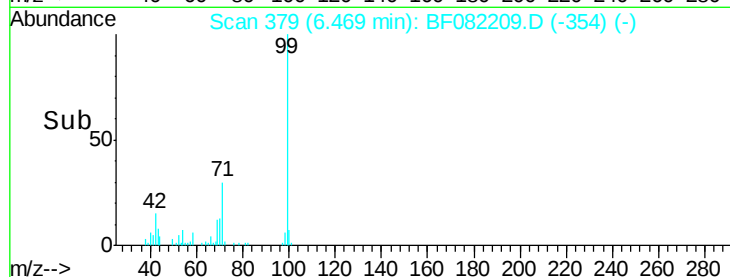
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Tgt Ion:	99	Resp:	75866
Ion Ratio	Lower	Upper	
99	100		
42	14.9	13.2	19.8
71	30.1	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

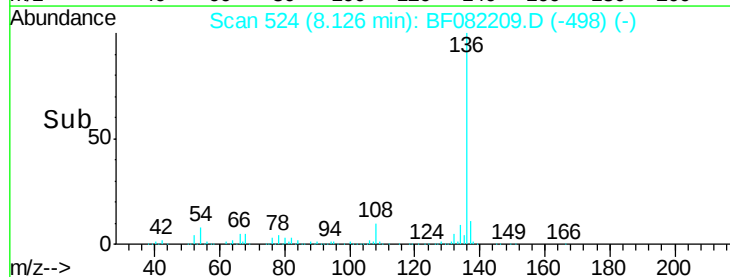
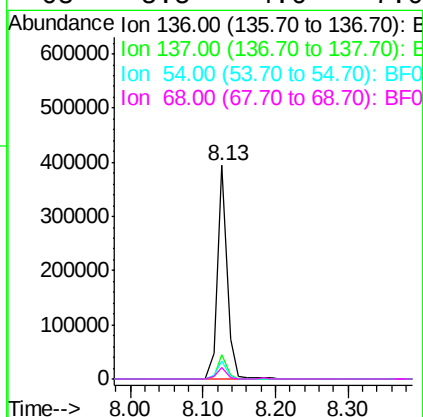
RT: 8.13 min Scan# 524

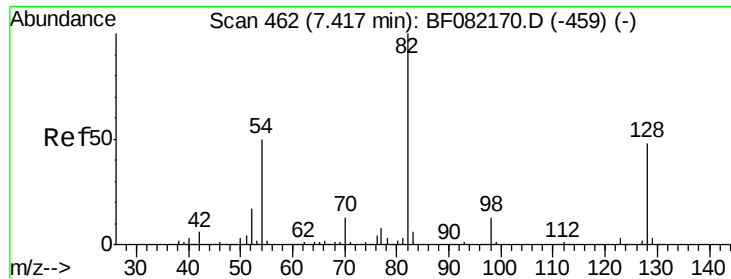
Delta R.T. 0.00 min

Lab File: BF082209.D

Acq: 11 Oct 2015 7:39

Tgt Ion:	136	Resp:	368127
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.6
54	8.2	7.5	11.3
68	5.5	4.6	7.0





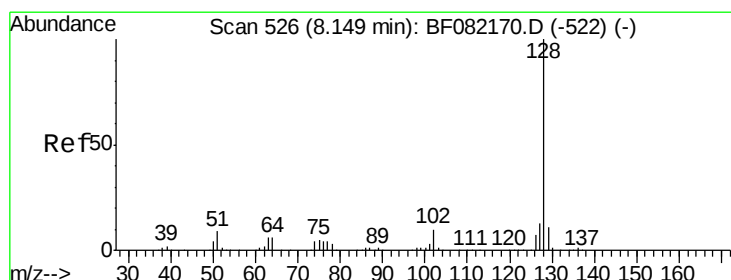
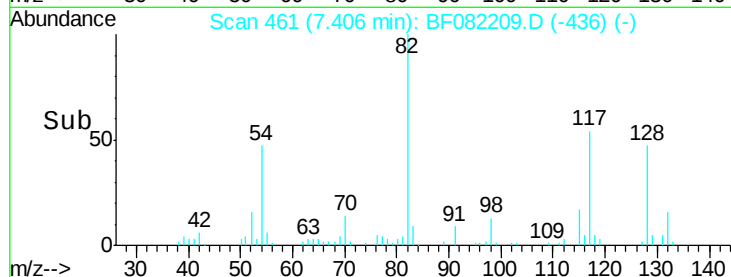
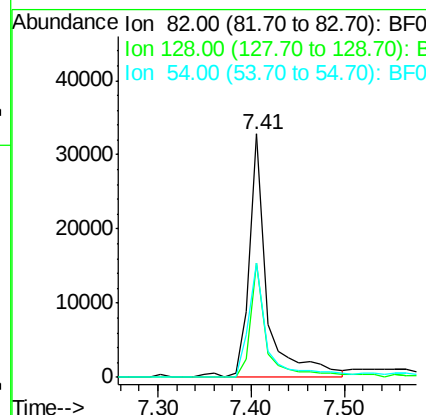
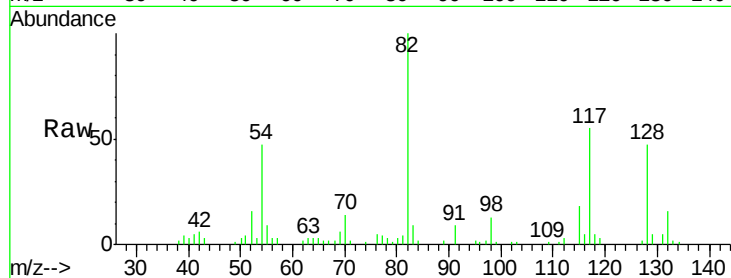
#23
Nitrobenzene-d5
Concen: 8.09 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7DL

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	44356		
128	46.9	38.7	58.1	
54	47.1	40.1	60.1	

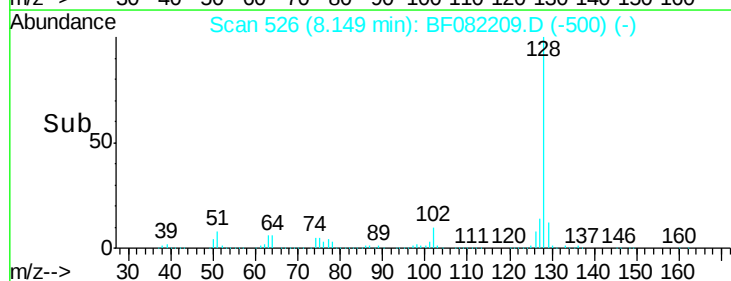
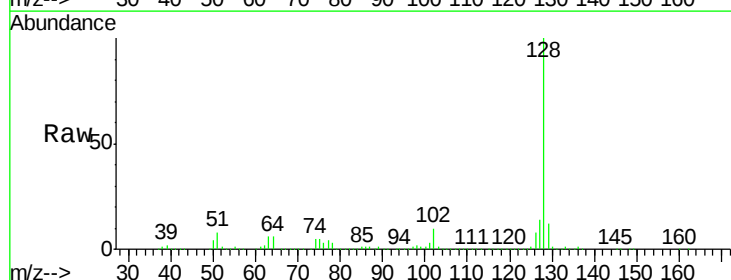
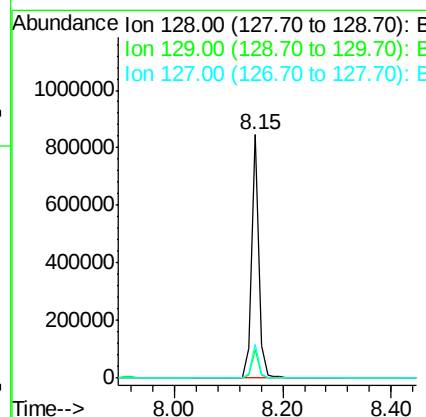
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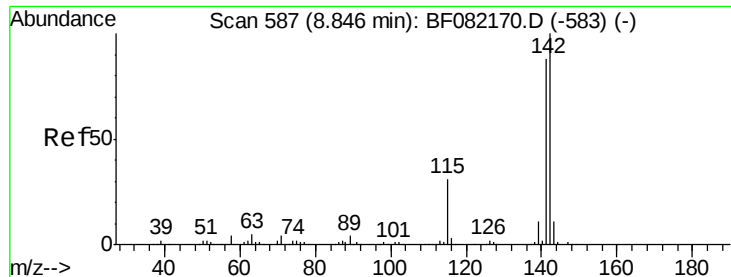
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#31
Naphthalene
Concen: 48.02 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082209.D
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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	766227		
129	11.7	9.1	13.7	
127	13.8	10.7	16.1	





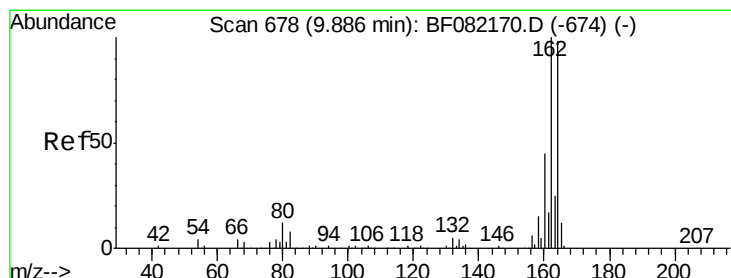
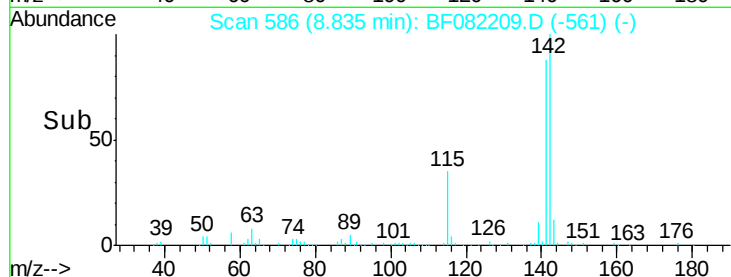
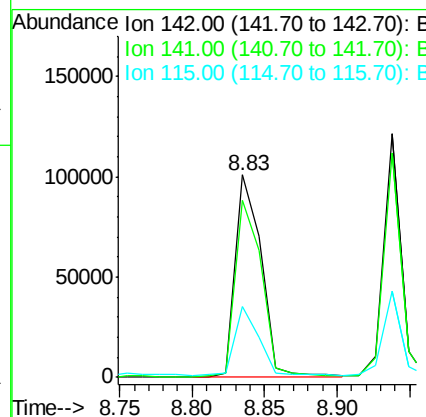
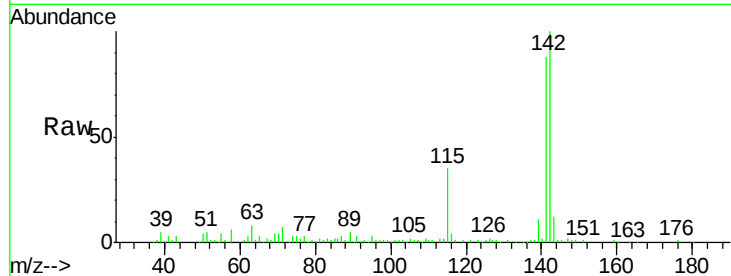
#37
2-Methylnaphthalene
Concen: 11.43 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.4	105.6
115	35.1	24.6	37.0

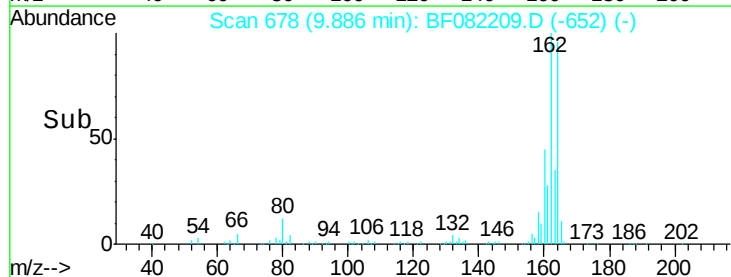
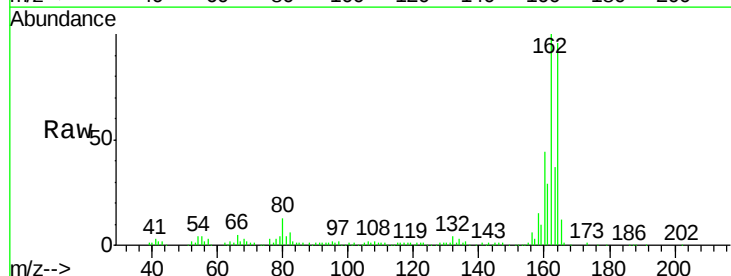
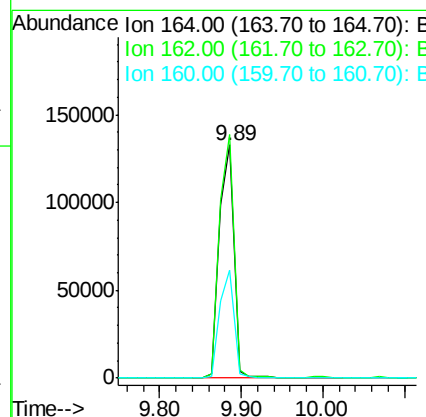
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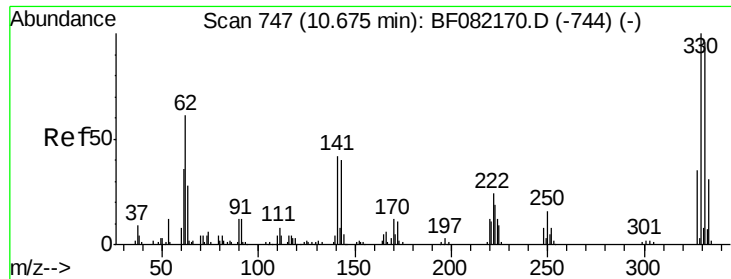
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.6	122.4
160	46.4	36.4	54.6





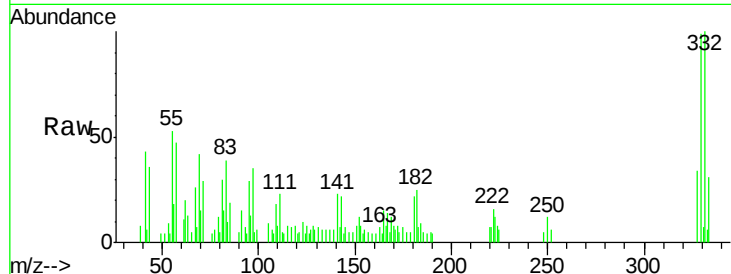
#41
 2,4,6-Tribromophenol
 Concen: 6.61 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082209.D
 Acq: 11 Oct 2015 7:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-5-7DL

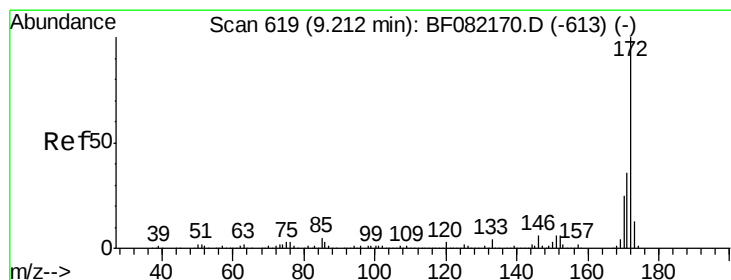
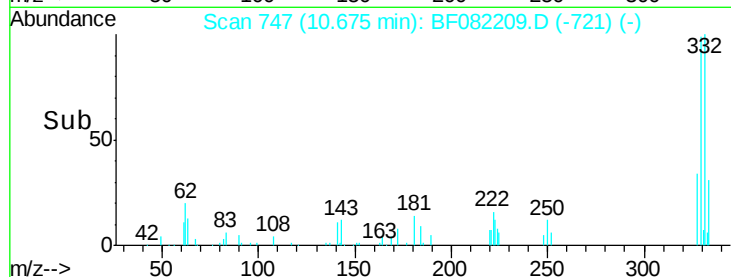
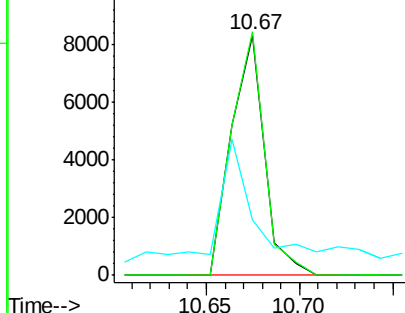
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	10328		
332	100.7	77.1	115.7	
141	64.9	29.8	44.8	

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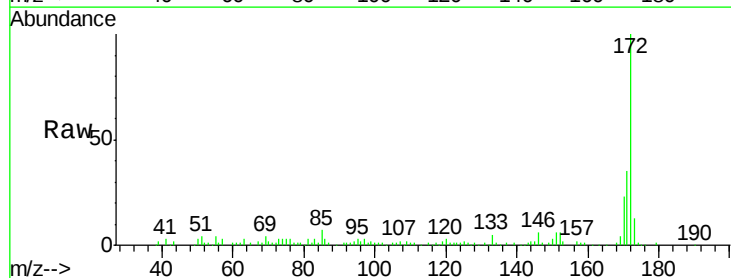


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

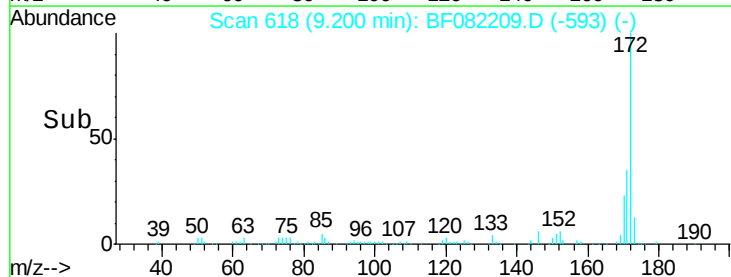
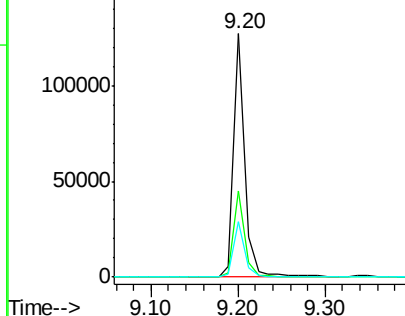


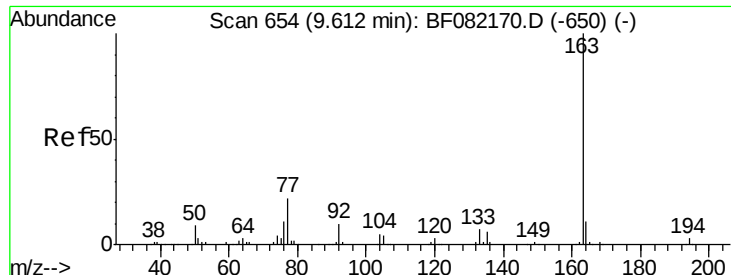
#44
 2-Fluorobiphenyl
 Concen: 11.17 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082209.D
 Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	112206		
171	35.5	28.6	42.8	
170	22.7	19.7	29.5	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





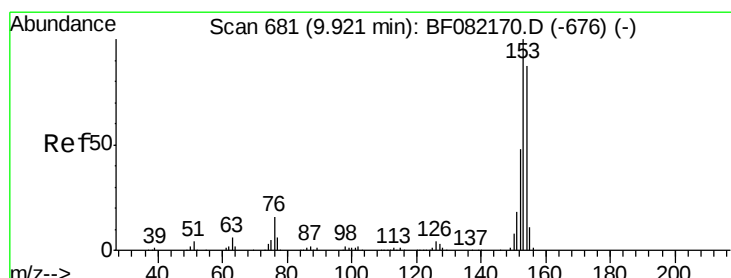
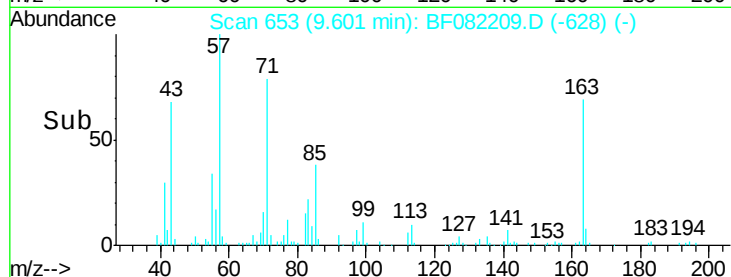
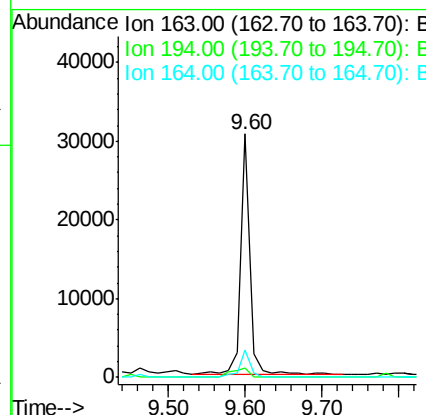
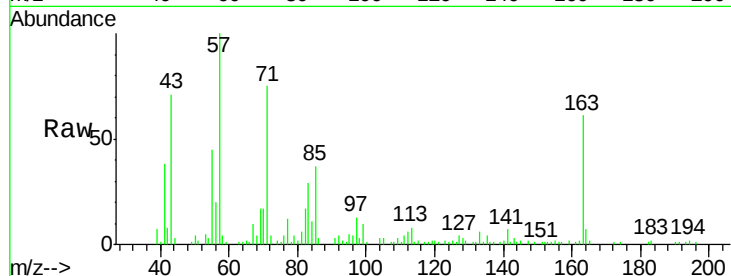
#49
Dimethylphthalate
Concen: 2.32 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	27183		
194	4.1	2.6	4.0#	
164	11.0	8.5	12.7	

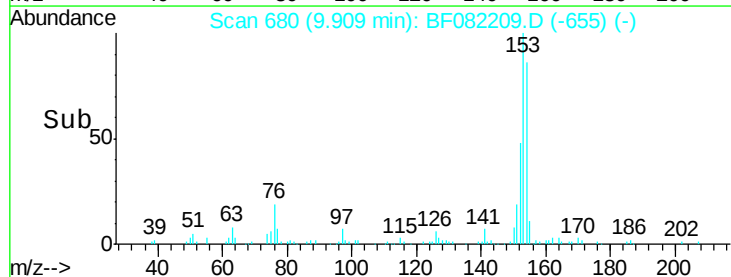
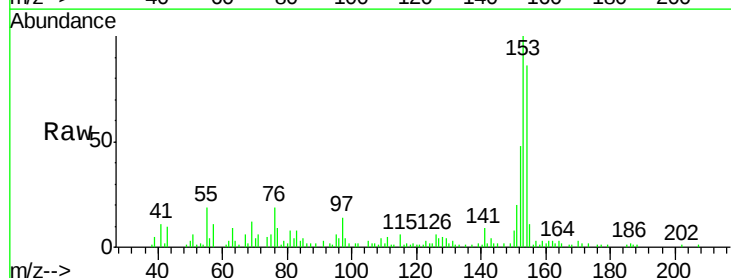
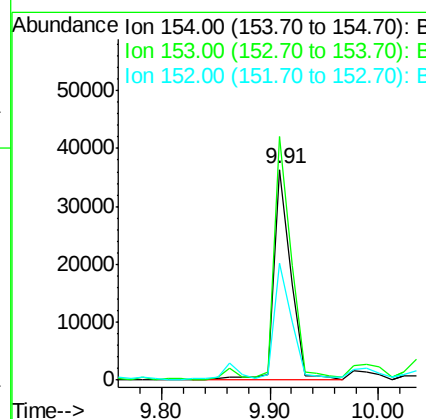
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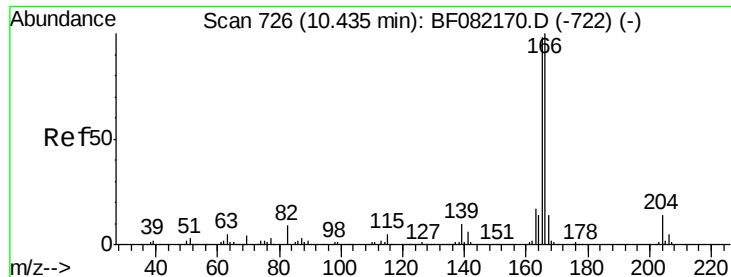
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#51
Acenaphthene
Concen: 4.23 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	39503		
153	115.6	91.4	137.2	
152	55.3	44.3	66.5	





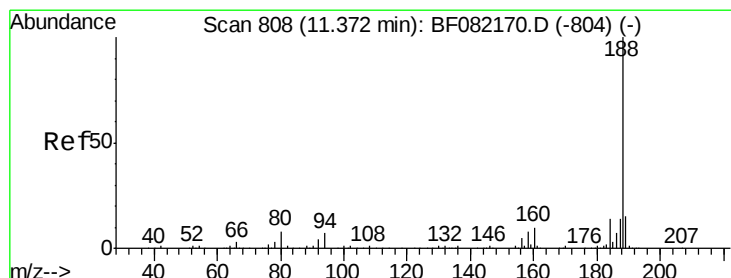
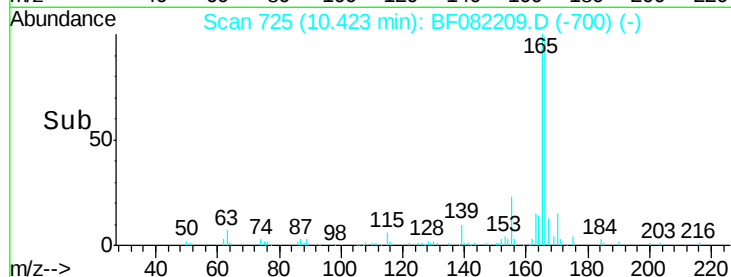
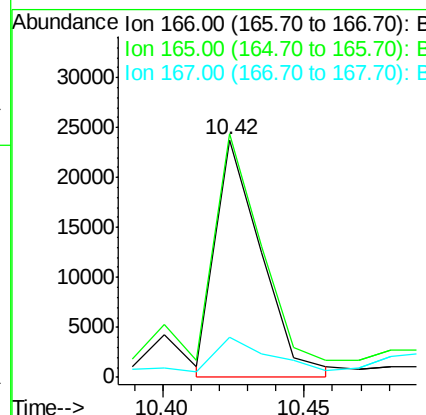
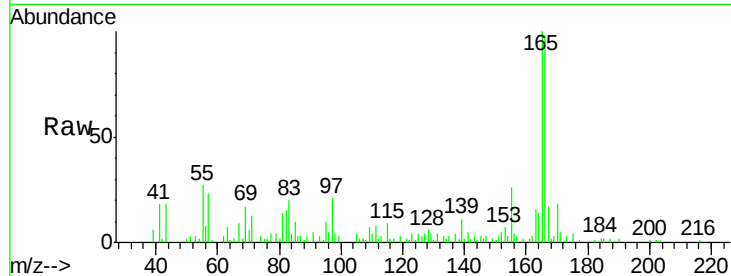
#57
Fluorene
 Concen: 2.56 ng m
 RT: 10.42 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF082209.D
 Acq: 11 Oct 2015 7:39

Instrument :
 BNA_F
 ClientSampleId :
 MGP123-5-7DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	26962		
165	102.6	78.3	117.5	
167	17.1	10.8	16.2#	

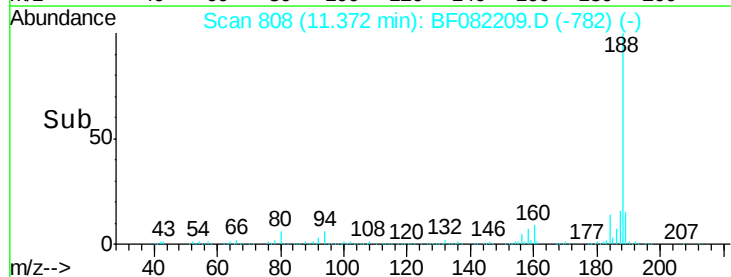
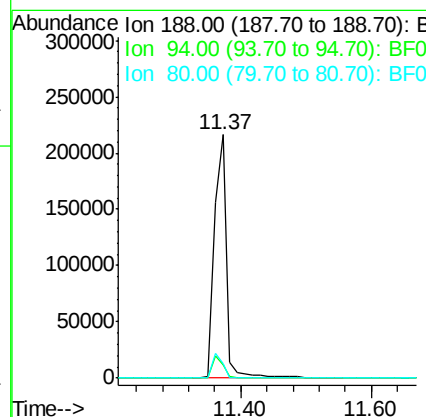
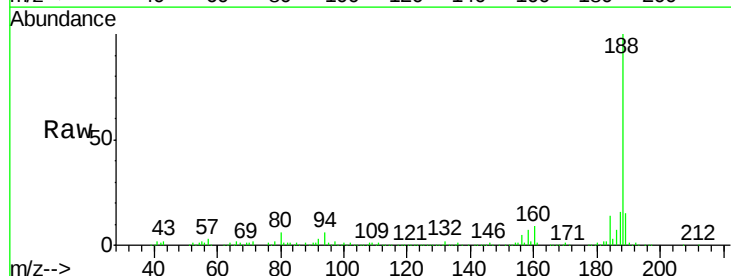
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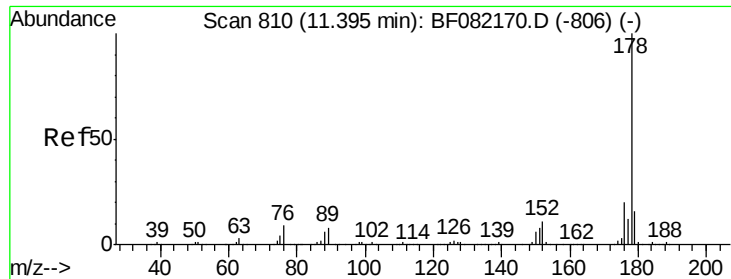
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#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF082209.D
 Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	283069		
94	5.7	5.8	8.6#	
80	6.1	6.4	9.6#	





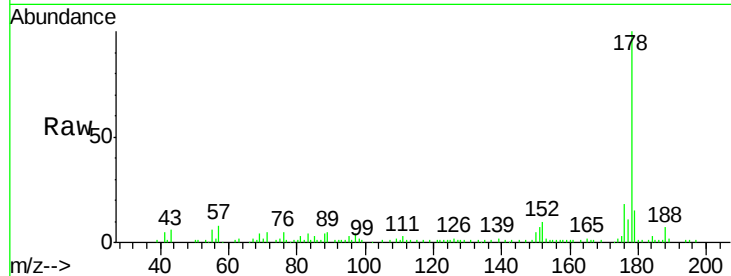
#70
Phenanthrene
Concen: 6.67 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Instrument :
BNA_F
ClientSampleId :
MGP123-5-7DL

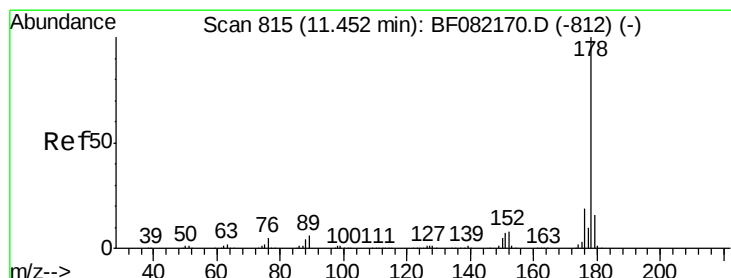
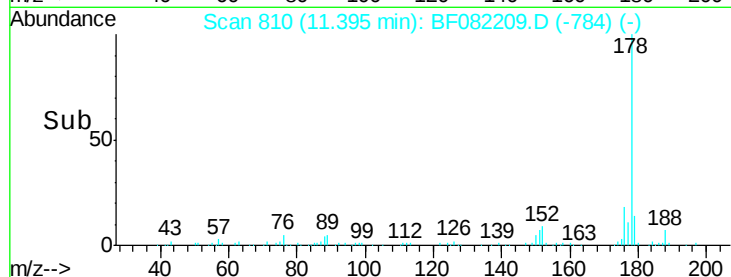
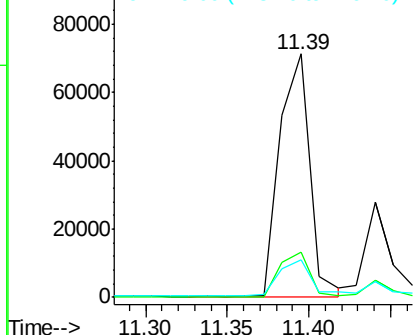
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.0	24.0
179	15.2	12.6	19.0

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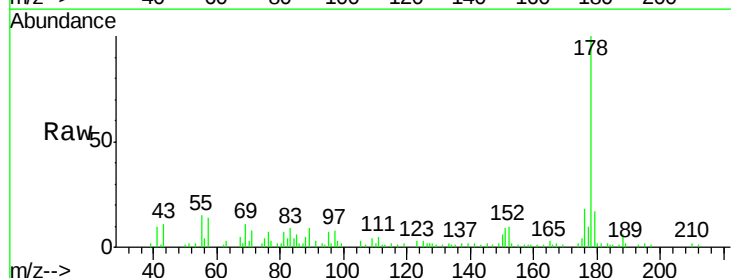


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

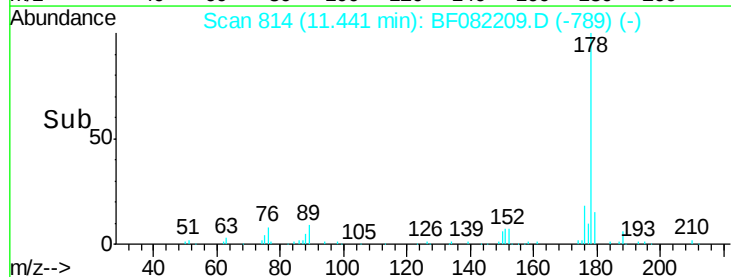
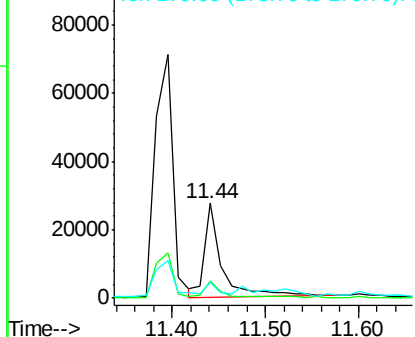


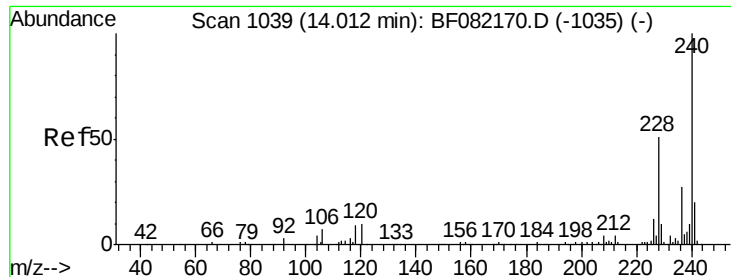
#71
Anthracene
Concen: 2.50 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF082209.D
Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	17.0	12.5	18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082209.D

Acq: 11 Oct 2015 7:39

Instrument :

BNA_F

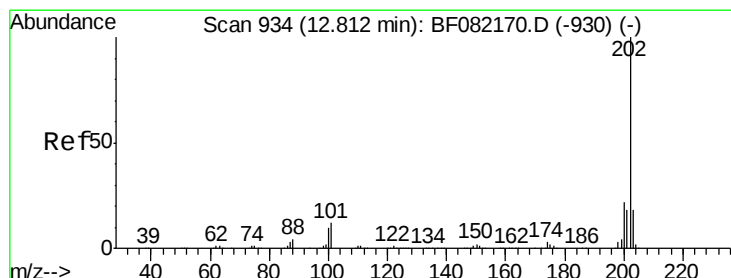
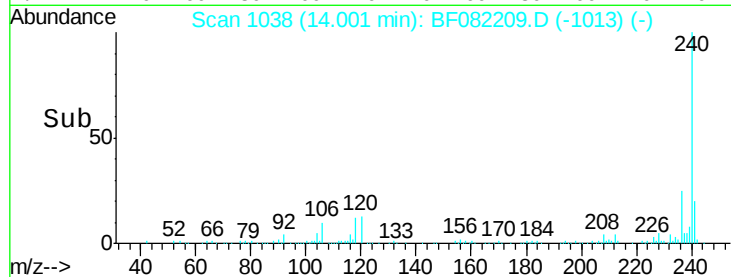
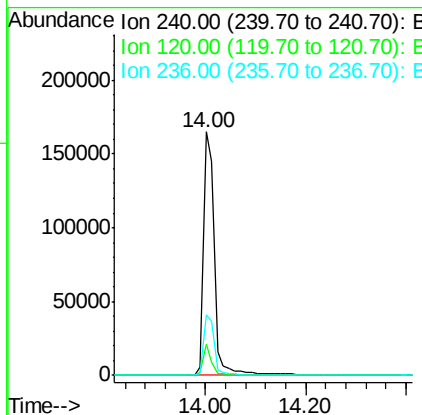
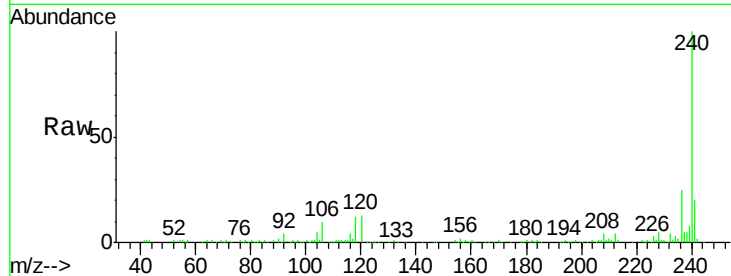
ClientSampleId :

MGP123-5-7DL

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	249873		
120	13.0	8.1	12.1#	
236	25.0	21.3	31.9	

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#77

Pyrene

Concen: 2.76 ng

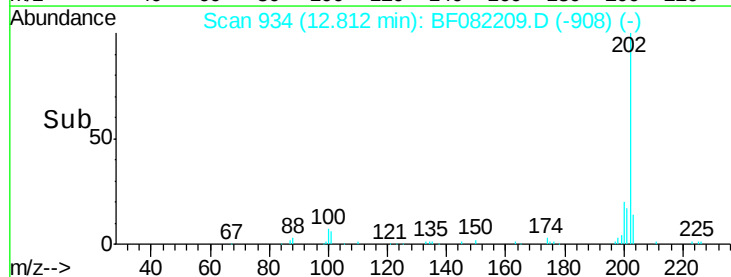
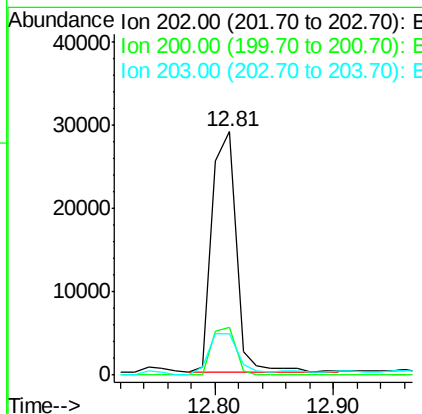
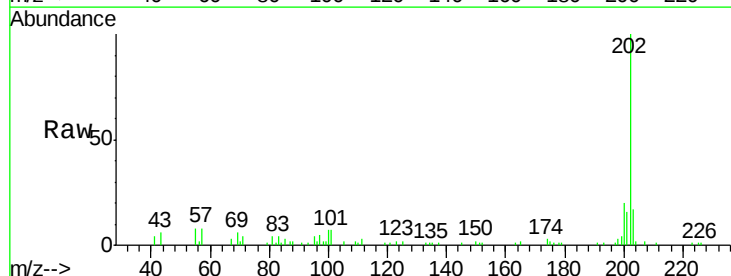
RT: 12.81 min Scan# 934

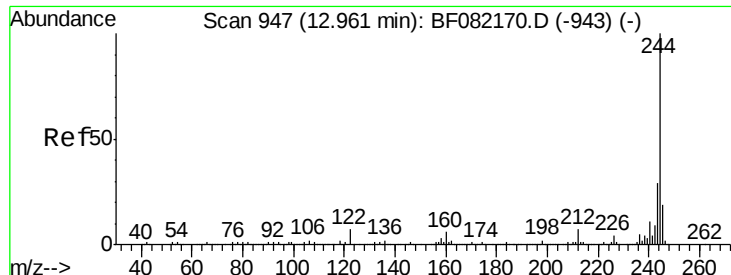
Delta R.T. 0.00 min

Lab File: BF082209.D

Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	40945		
200	19.9	17.9	26.9	
203	17.1	14.5	21.7	





#78

Terphenyl-d14

Concen: 9.79 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF082209.D

Acq: 11 Oct 2015 7:39

Instrument :

BNA_F

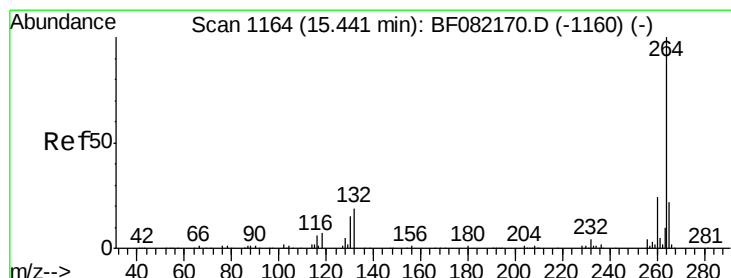
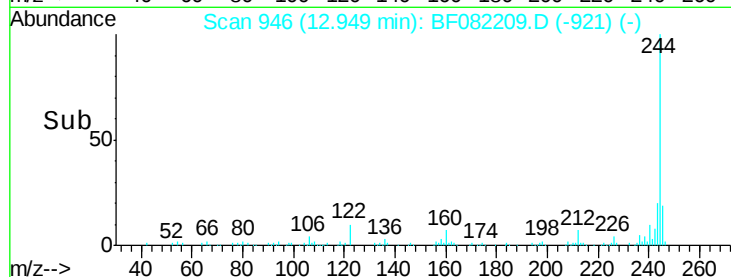
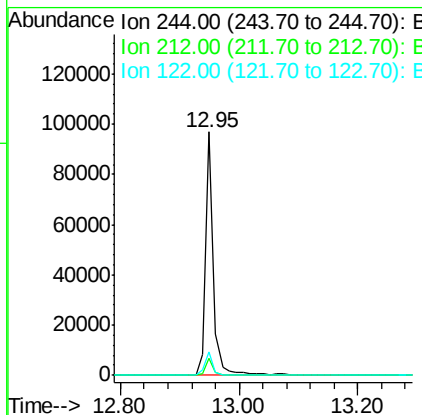
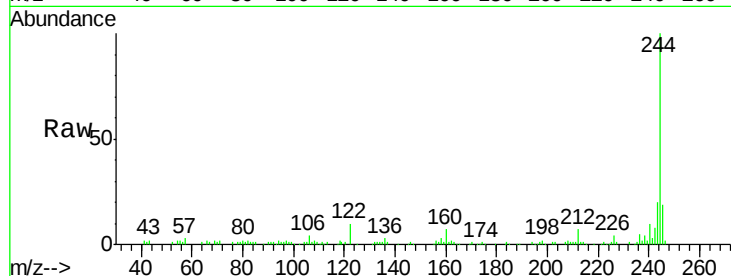
ClientSampleId :

MGP123-5-7DL

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.6
122	9.5	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: BF082209.D

Acq: 11 Oct 2015 7:39

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.4	17.3	25.9

