

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
 Data File : BG016386.D
 Acq On : 14 Apr 2015 7:46
 Operator : TP/IZ
 Sample : G1831-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-7

Manual Integrations
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Quant Time: Apr 14 08:31:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 08:18:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	101128	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	445520	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	249122	20.00	ng	0.00
63) Phenanthrene-d10	17.06	188	505417	20.00	ng	0.00
75) Chrysene-d12	21.24	240	453563	20.00	ng	0.00
86) Perylene-d12	23.47	264	428670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	550156	85.86	ng	0.00
7) Phenol-d6	6.86	99	787959	81.91	ng	0.00
23) Nitrobenzene-d5	8.83	82	411723	53.54	ng	0.00
41) 2,4,6-Tribromophenol	15.81	330	143311	85.06	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	828381	56.61	ng	0.00
78) Terphenyl-d14	19.69	244	950915	49.07	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.88	94	22416	2.18	ng	98
49) Dimethylphthalate	13.78	163	54769	3.00	ng	100
70) Phenanthrene	17.10	178	73482	2.58	ng	97
74) Fluoranthene	19.12	202	133829	4.57	ng	95
77) Pyrene	19.48	202	115253	3.65	ng	95
80) Benzo(a)anthracene	21.22	228	58978	2.20	ng	97
82) Chrysene	21.27	228	56486	2.18	ng	98
87) Benzo(b)fluoranthene	22.80	252	70481	2.81	ng	98

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

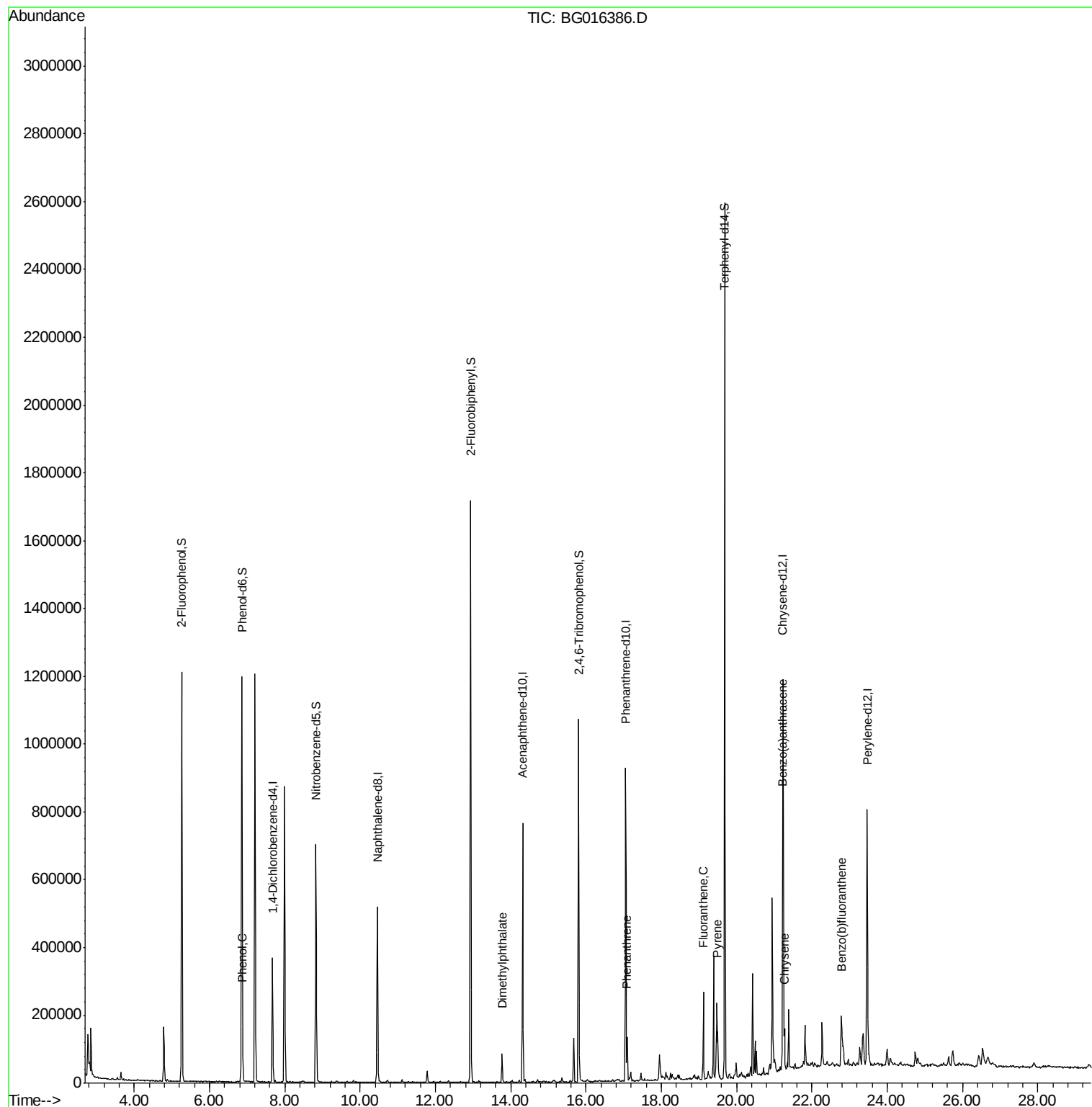
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041315\
Data File : BG016386.D
Acq On : 14 Apr 2015 7:46
Operator : TP/IZ
Sample : G1831-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

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Quant Time: Apr 14 08:31:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 14 08:18:37 2015
Response via : Initial Calibration





#1

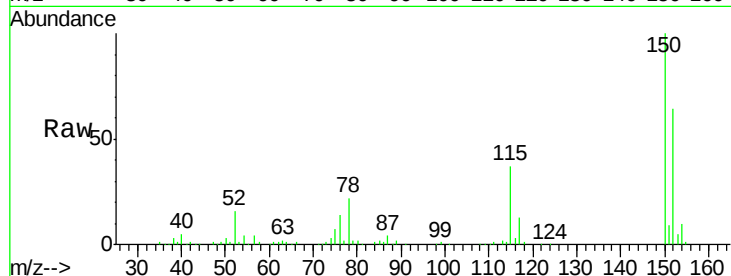
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.67 min Scan# 848
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :
PE-7

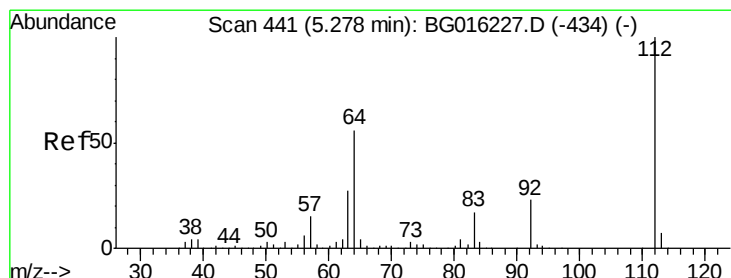
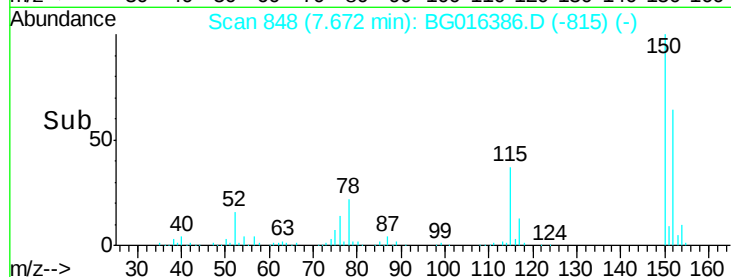
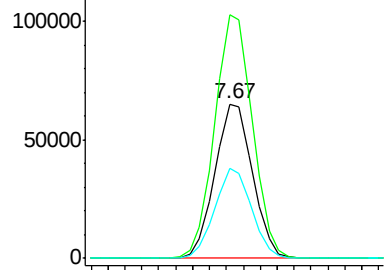
Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		101128		
150	157.4	130.1	195.1		
115	58.1	50.5	75.7		

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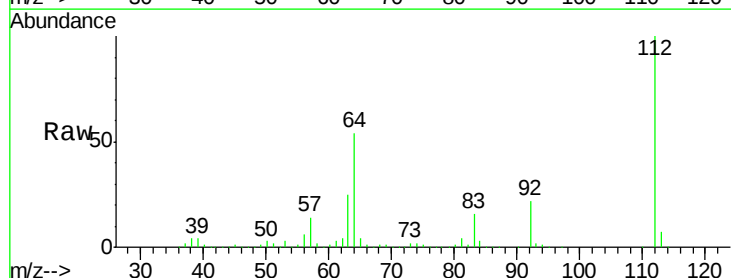
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



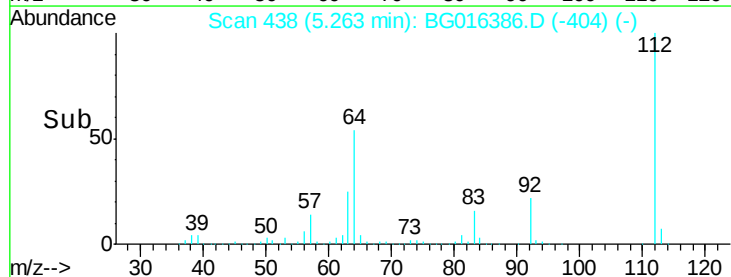
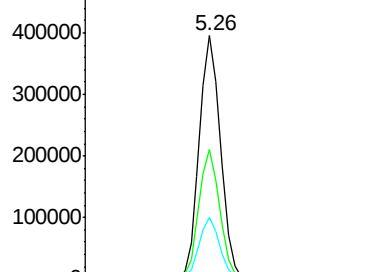
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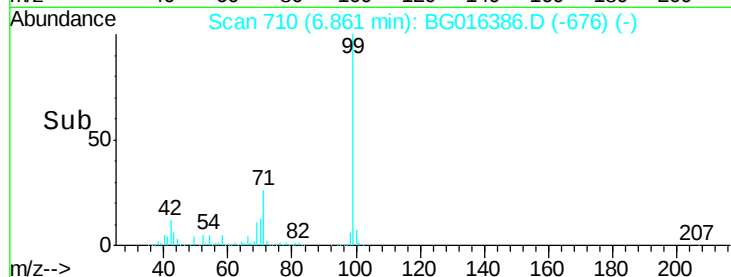
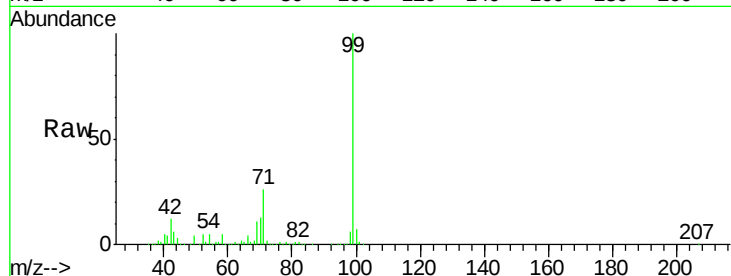
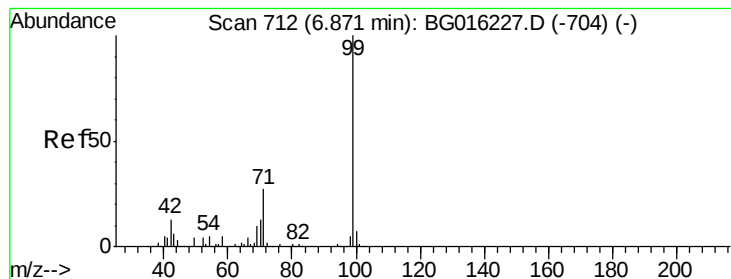
2-Fluorophenol
Concen: 85.86 ng
RT: 5.26 min Scan# 438
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		550156		
64	53.5	44.5	66.7		
63	25.5	21.4	32.0		



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 81.91 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG016386.D

Acq: 14 Apr 2015 7:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		787959		
42	12.2	10.0	15.0		
71	25.6	21.5	32.3		

Instrument :

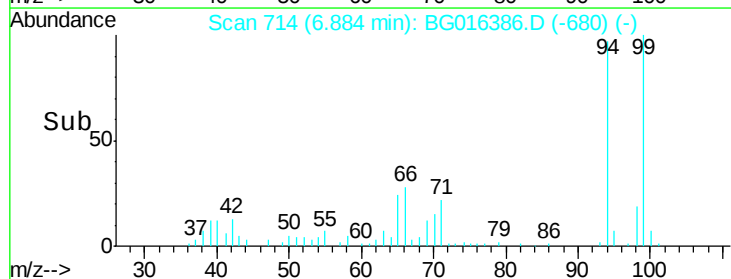
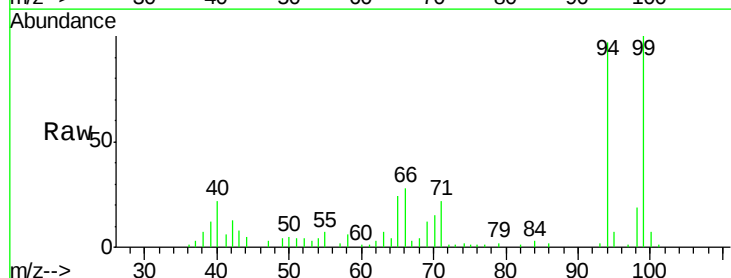
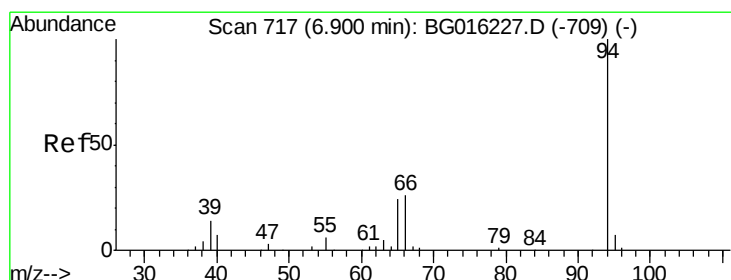
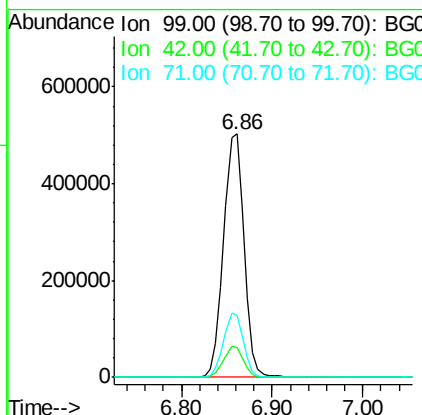
BNA_G

ClientSampleId :

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#10

Phenol

Concen: 2.18 ng

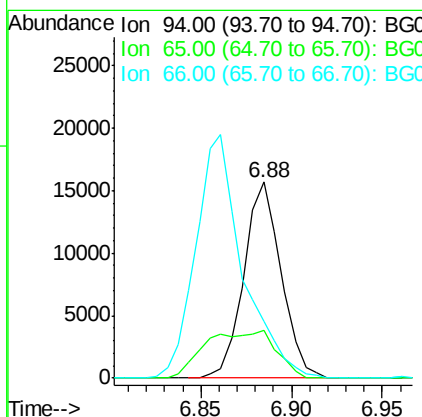
RT: 6.88 min Scan# 714

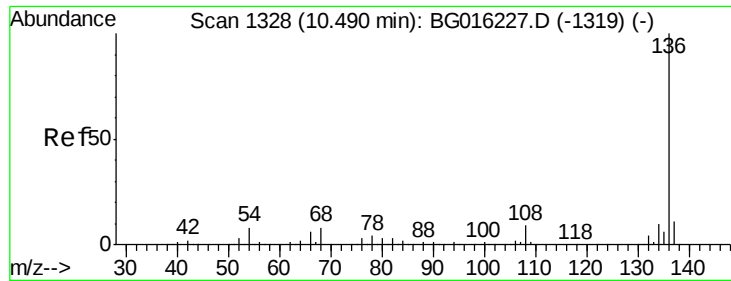
Delta R.T. 0.00 min

Lab File: BG016386.D

Acq: 14 Apr 2015 7:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		22416		
65	24.4	3.8	43.8		
66	28.9	7.4	47.4		





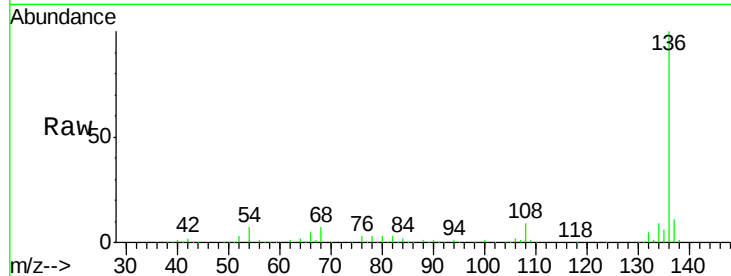
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :
PE-7

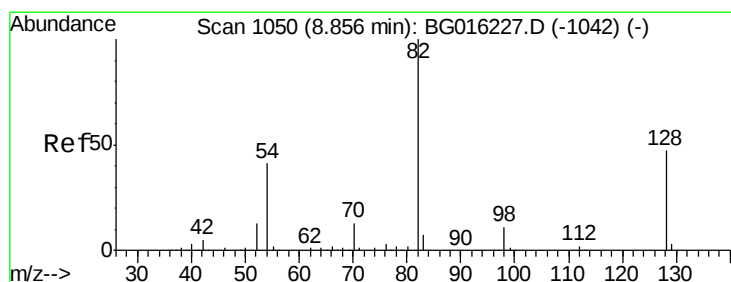
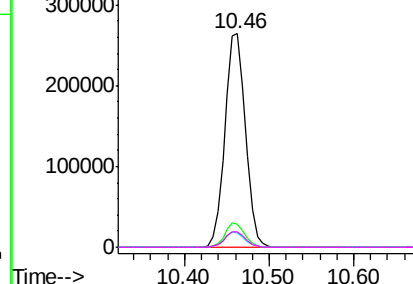
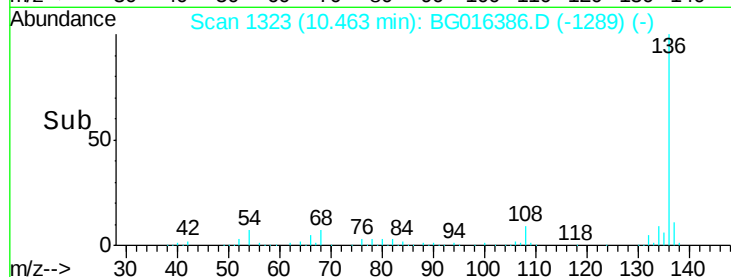
Tgt Ion:	136	Resp:	445520
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	6.7	6.3	9.5
68	7.2	6.5	9.7

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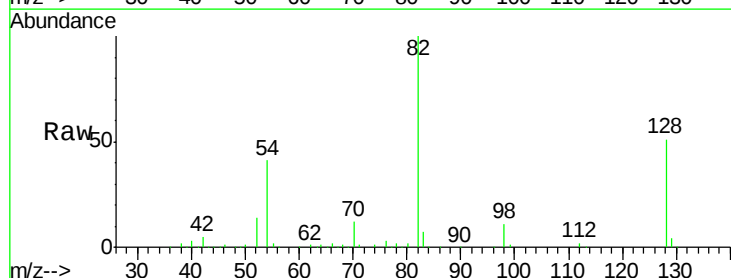


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

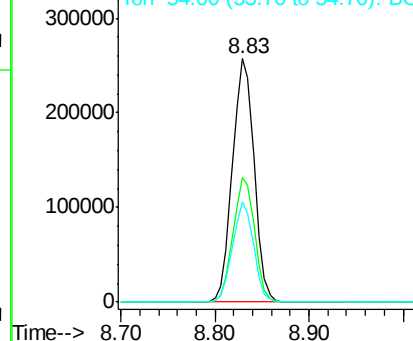
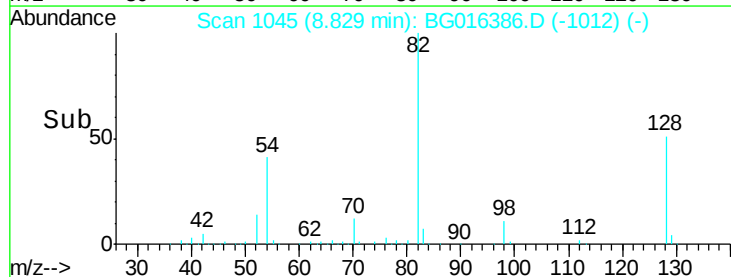


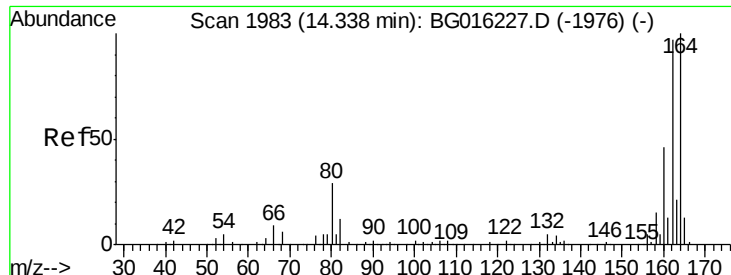
#23
Nitrobenzene-d5
Concen: 53.54 ng
RT: 8.83 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion:	82	Resp:	411723
Ion Ratio	Lower	Upper	
82	100		
128	50.9	37.8	56.8
54	41.1	32.6	49.0



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





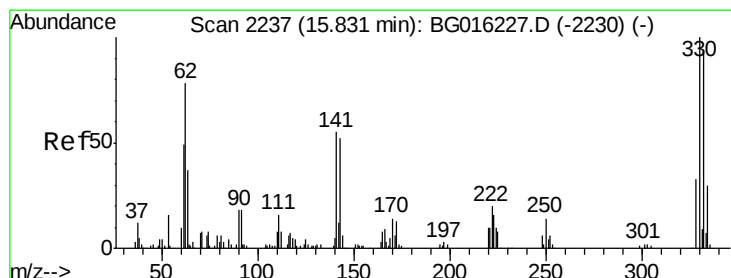
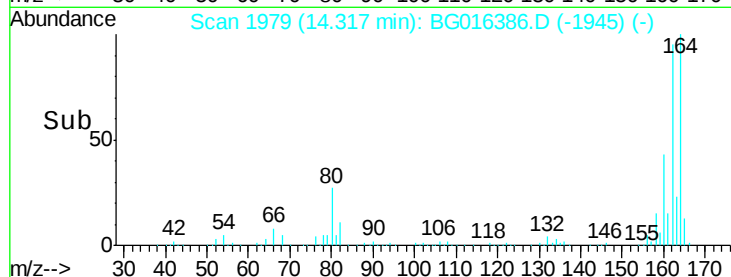
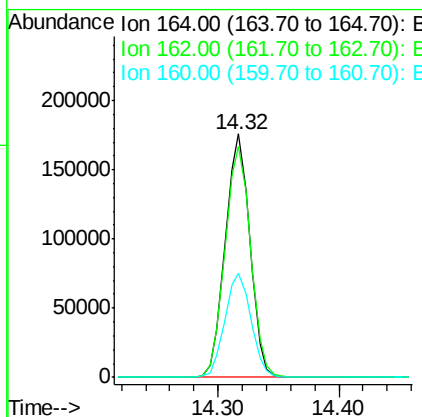
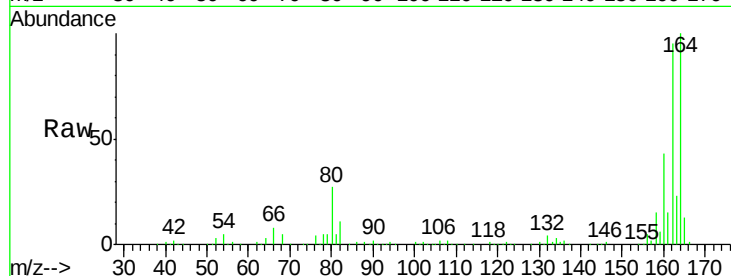
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	249122		
162	95.1	77.3	115.9	
160	42.5	36.7	55.1	

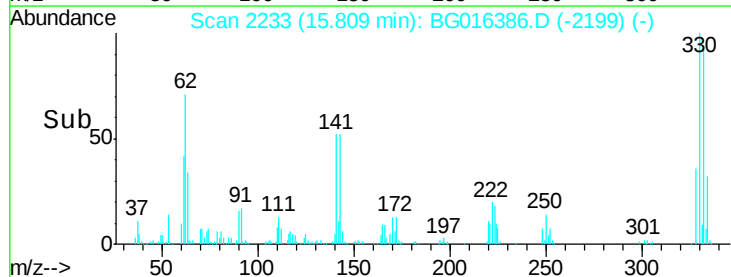
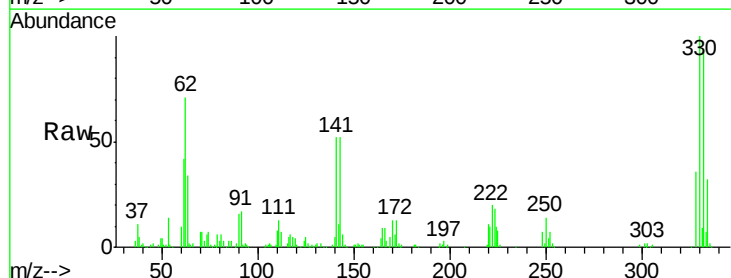
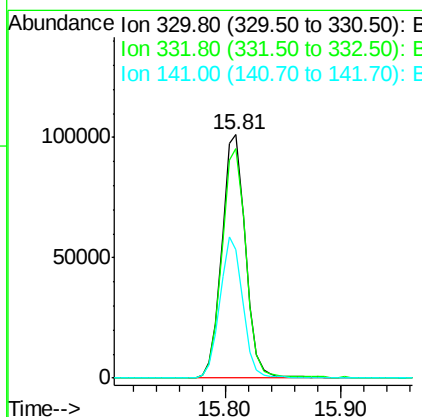
Manual Integrations
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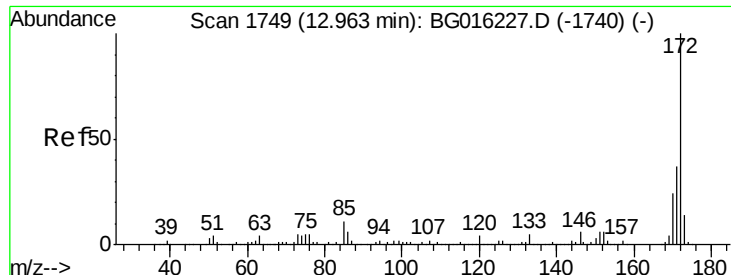
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#41
2,4,6-Tribromophenol
Concen: 85.06 ng
RT: 15.81 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143311		
332	96.2	75.8	113.6	
141	56.2	46.6	69.8	





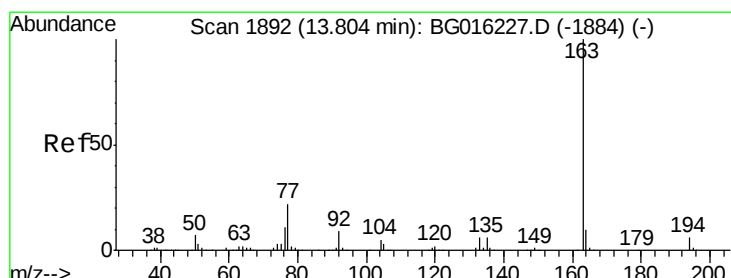
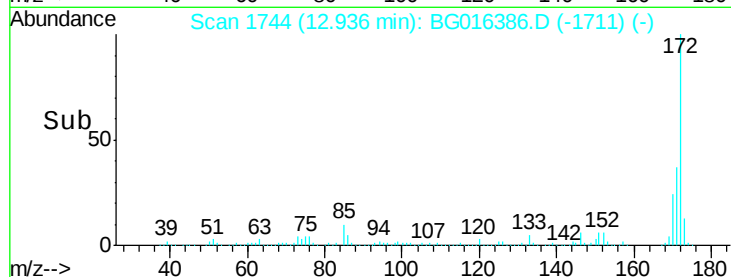
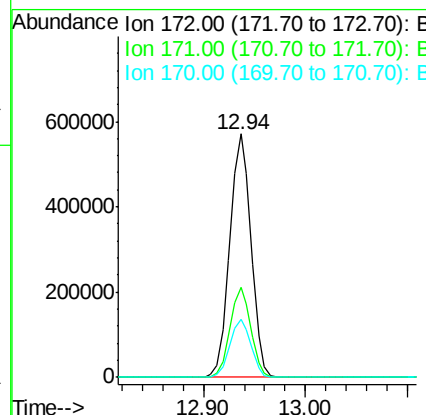
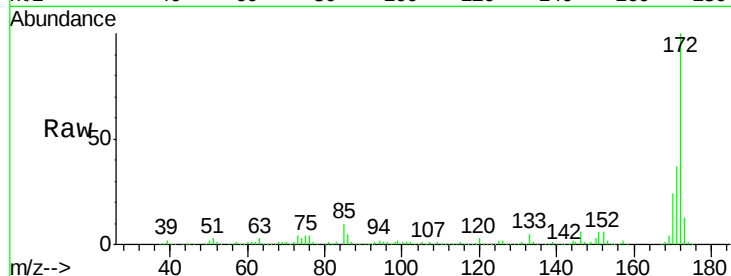
#44
 2-Fluorobiphenyl
 Concen: 56.61 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: BG016386.D
 Acq: 14 Apr 2015 7:46

Instrument :
 BNA_G
 ClientSampleId :
 PE-7

Tgt Ion:	172	Resp:	828381
Ion Ratio	Lower	Upper	
172	100		
171	36.9	29.6	44.4
170	24.0	19.4	29.2

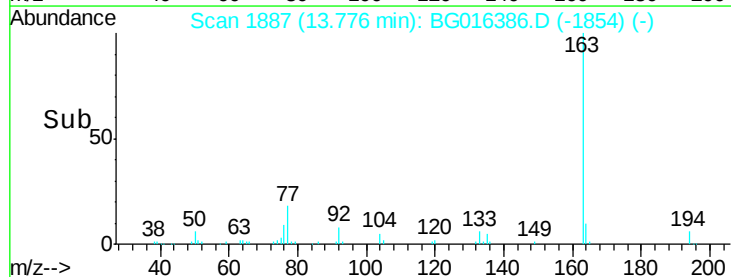
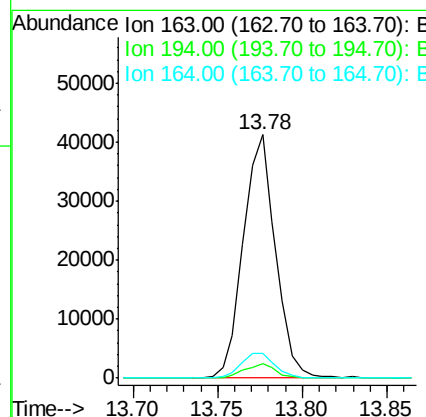
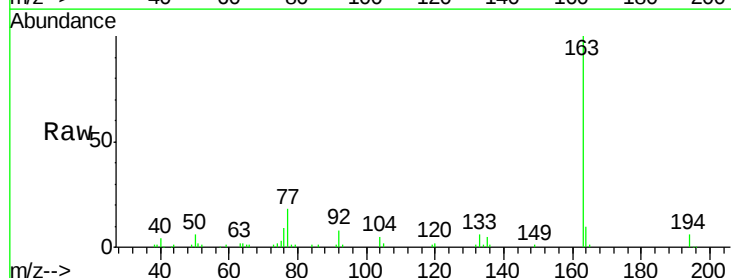
Manual Integrations
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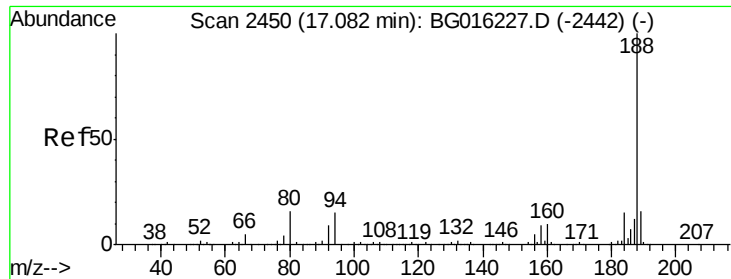
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#49
 Dimethylphthalate
 Concen: 3.00 ng
 RT: 13.78 min Scan# 1887
 Delta R.T. -0.00 min
 Lab File: BG016386.D
 Acq: 14 Apr 2015 7:46

Tgt Ion:	163	Resp:	54769
Ion Ratio	Lower	Upper	
163	100		
194	6.0	5.0	7.4
164	10.2	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.06 min Scan# 2446

Delta R.T. 0.00 min

Lab File: BG016386.D

Acq: 14 Apr 2015 7:46

Instrument :

BNA_G

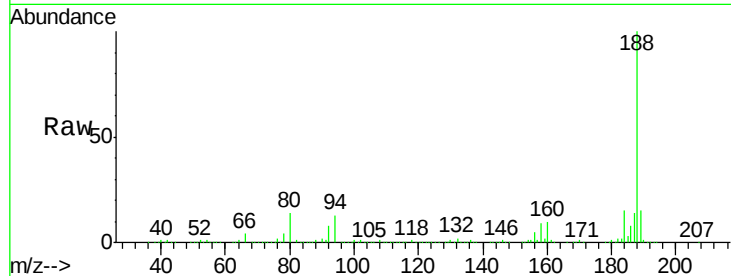
ClientSampleId :

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Tgt Ion:	188	Resp:	505417
Ion Ratio	Lower	Upper	
188	100		
94	13.5	12.2	18.4
80	14.0	12.8	19.2

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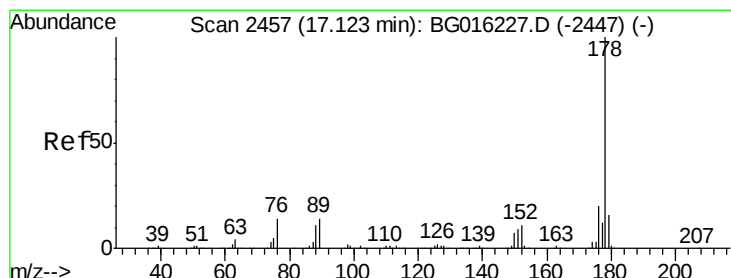
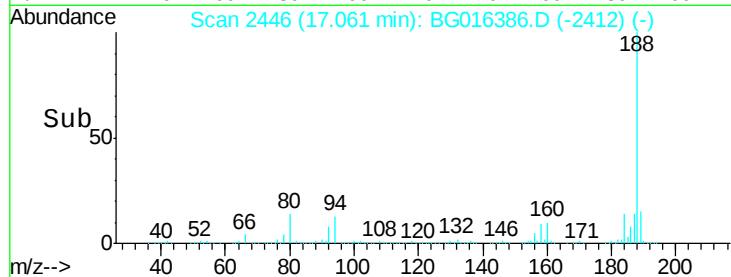
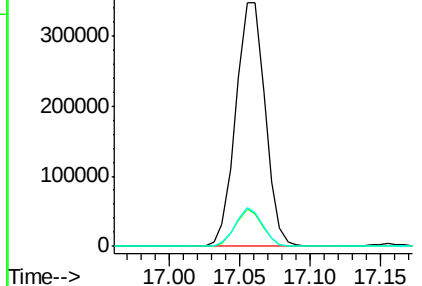
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#70

Phenanthrene

Concen: 2.58 ng

RT: 17.10 min Scan# 2452

Delta R.T. -0.00 min

Lab File: BG016386.D

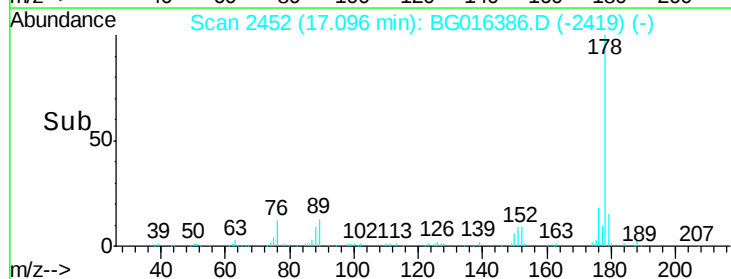
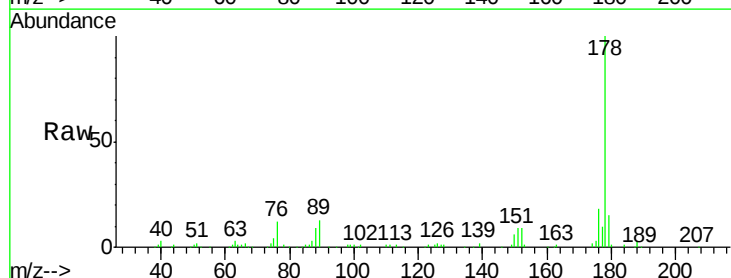
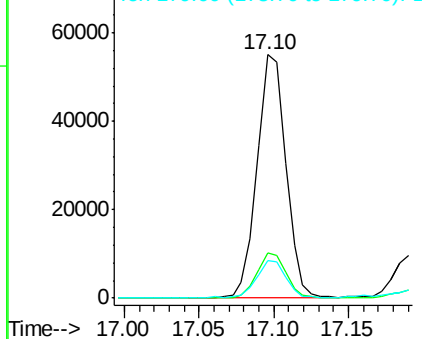
Acq: 14 Apr 2015 7:46

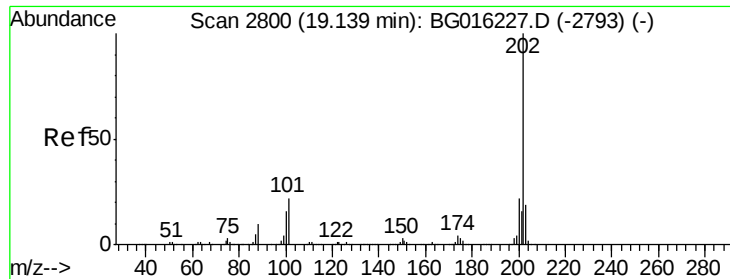
Tgt Ion:	178	Resp:	73482
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.2	24.4
179	15.3	12.7	19.1

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





#74

Fluoranthene

Concen: 4.57 ng

RT: 19.12 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BG016386.D

Acq: 14 Apr 2015 7:46

Instrument :

BNA_G

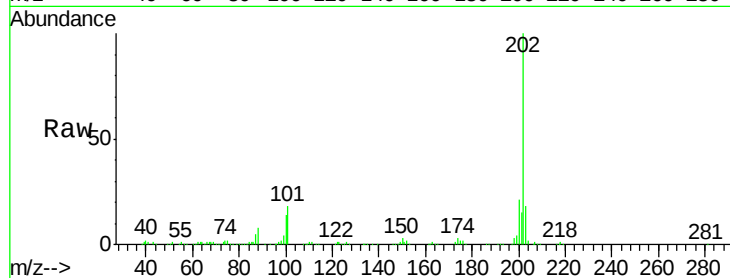
ClientSampled :

PE-7

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		133829		
101	18.3	1.7	41.7		
203	17.6	0.0	38.7		

Manual Integrations
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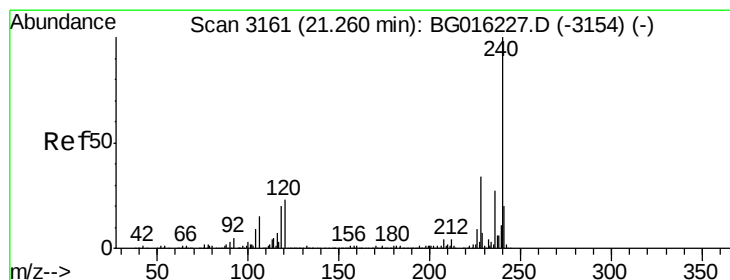
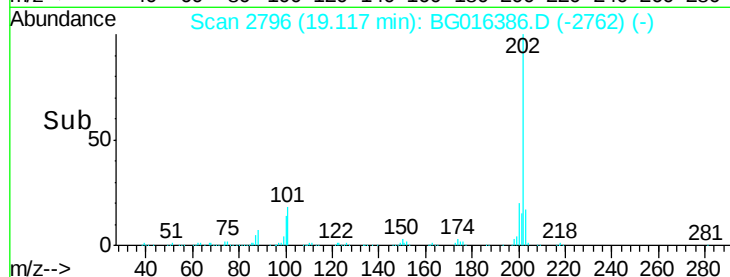
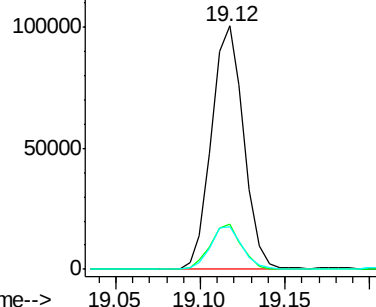
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

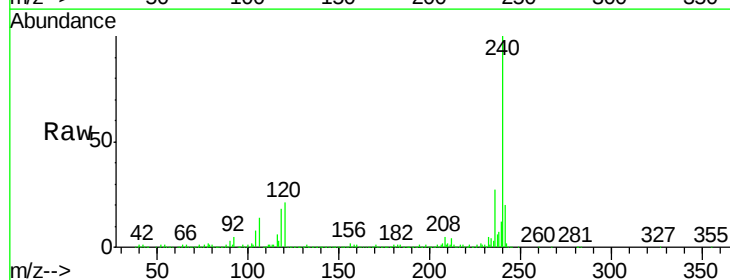
RT: 21.24 min Scan# 3157

Delta R.T. 0.00 min

Lab File: BG016386.D

Acq: 14 Apr 2015 7:46

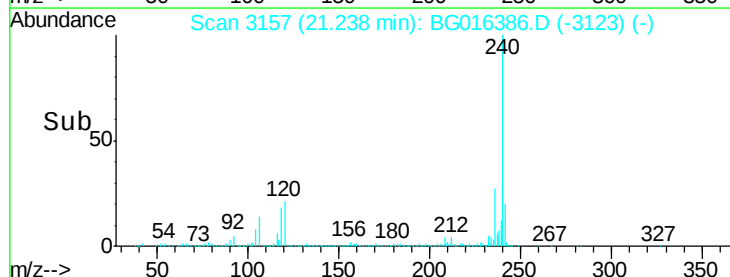
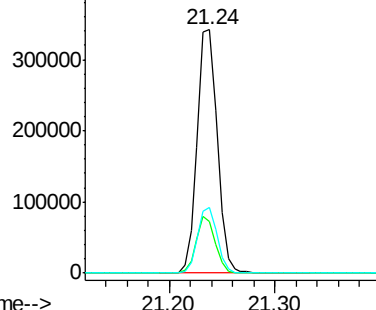
Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		453563		
120	21.1	18.6	28.0		
236	27.2	21.7	32.5		

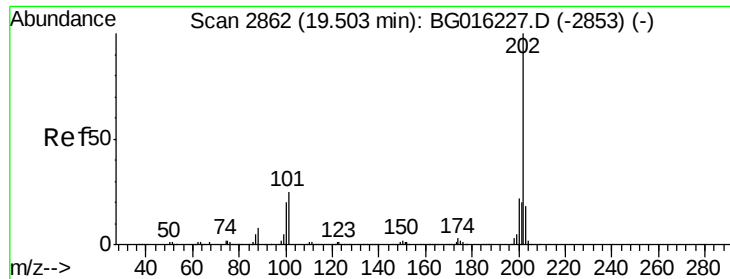


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.65 ng

RT: 19.48 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG016386.D

Acq: 14 Apr 2015 7:46

Instrument :

BNA_G

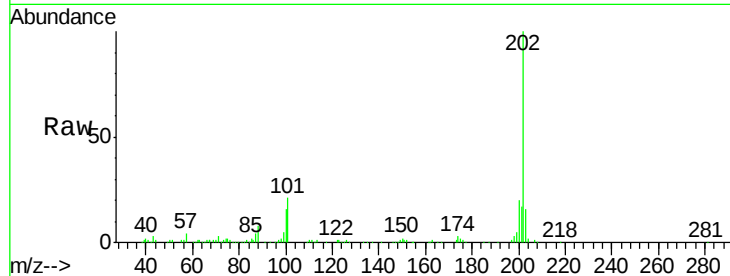
ClientSampleId :

PE-7

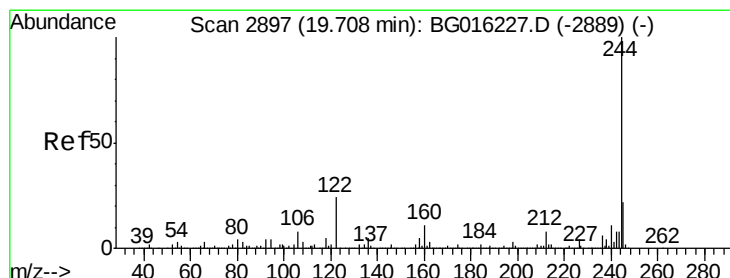
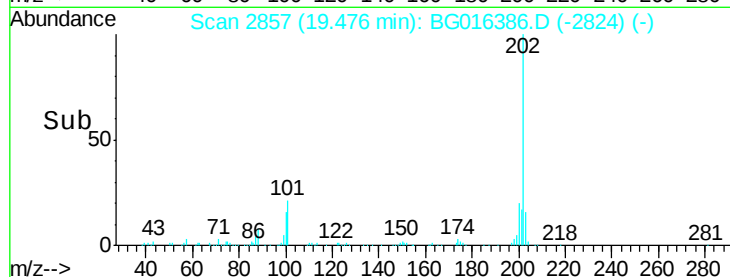
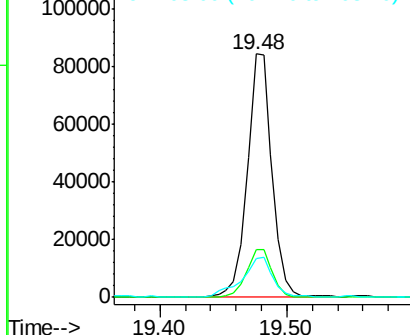
Tgt	Ion:202	Resp:	115253
Ion	Ratio	Lower	Upper
202	100		
200	19.8	17.8	26.8
203	15.9	14.7	22.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.07 ng

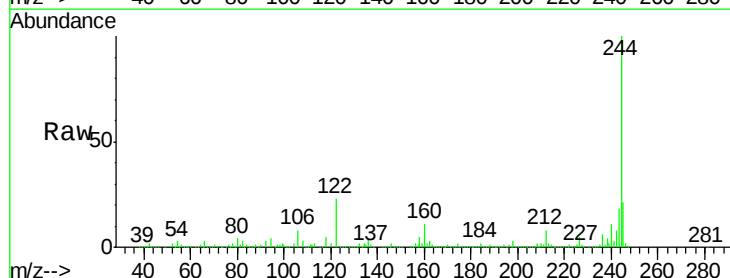
RT: 19.69 min Scan# 2893

Delta R.T. 0.00 min

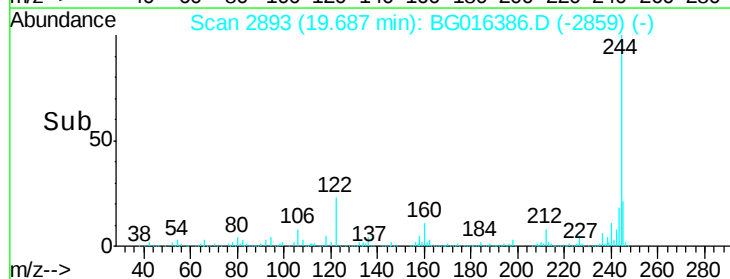
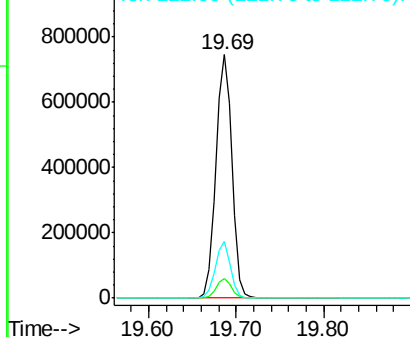
Lab File: BG016386.D

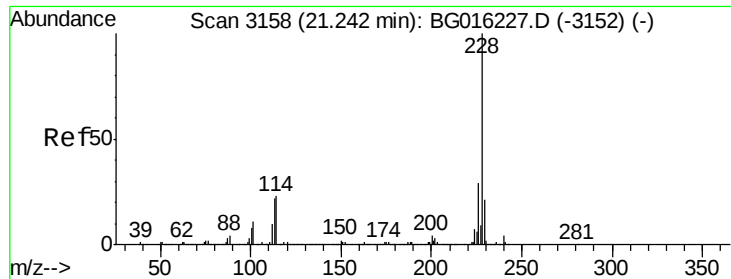
Acq: 14 Apr 2015 7:46

Tgt	Ion:244	Resp:	950915
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	23.1	19.1	28.7



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





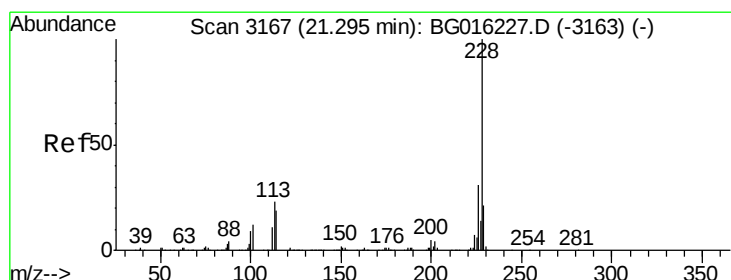
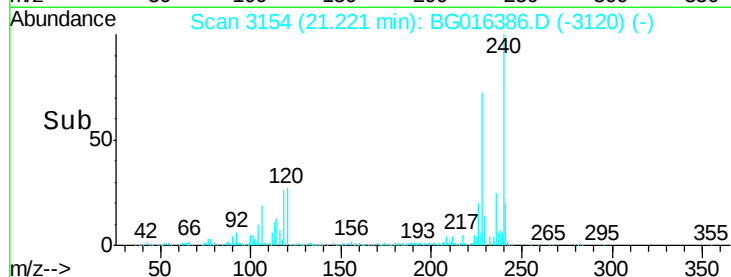
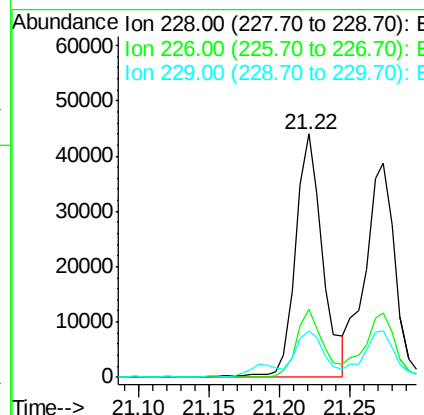
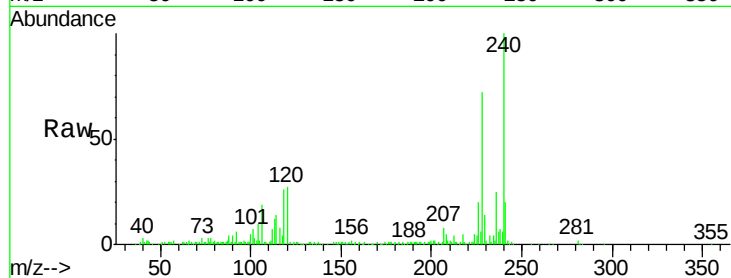
#80
Benzo(a)anthracene
Concen: 2.20 ng
RT: 21.22 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :
PE-7

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.5	35.3
229	19.3	16.8	25.2

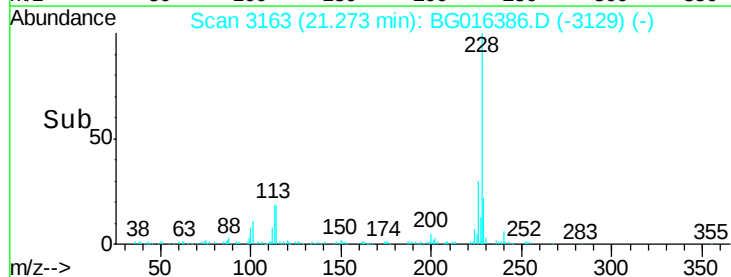
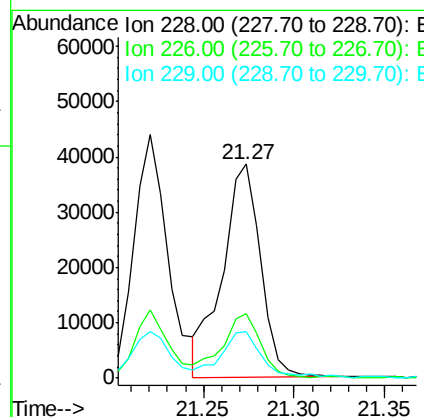
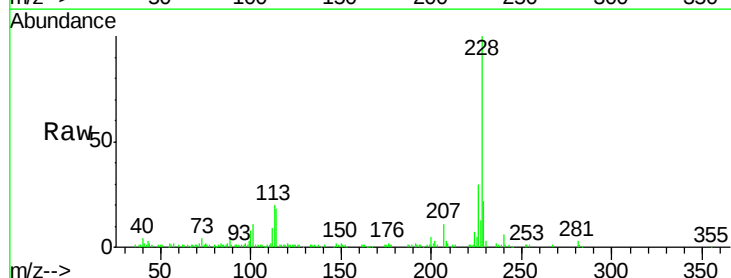
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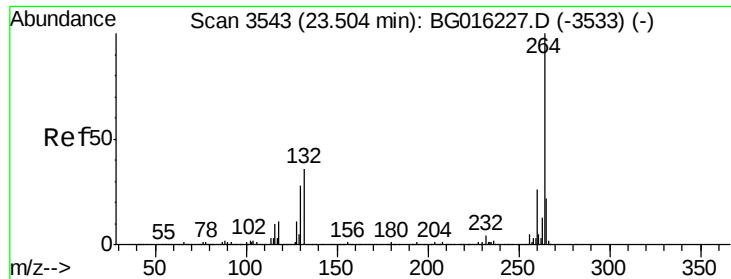
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#82
Chrysene
Concen: 2.18 ng
RT: 21.27 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.4
229	21.6	17.0	25.4





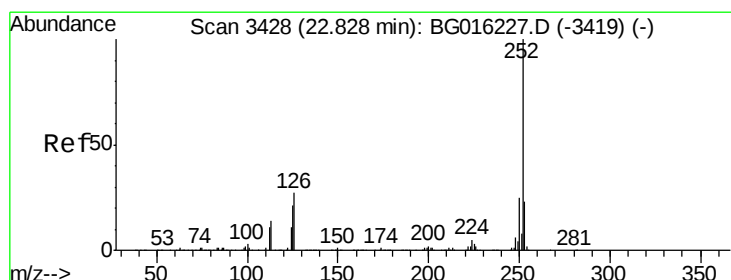
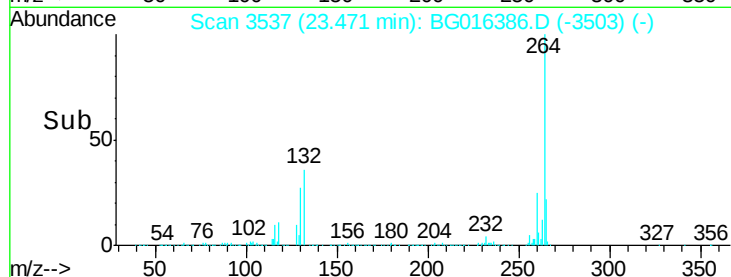
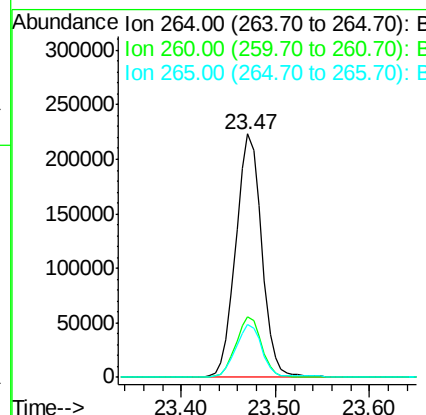
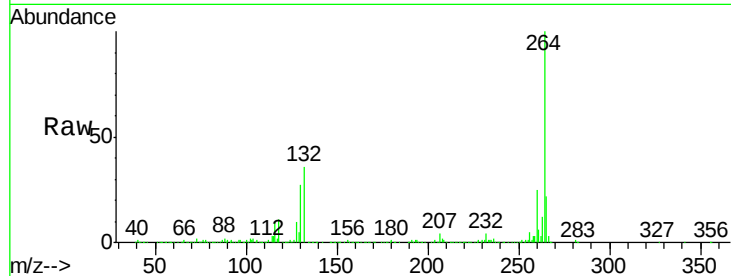
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Instrument :
BNA_G
ClientSampleId :
PE-7

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.4	30.6
265	21.7	17.2	25.8

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#87
Benzo(b)fluoranthene
Concen: 2.81 ng
RT: 22.80 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BG016386.D
Acq: 14 Apr 2015 7:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	22.2	17.0	25.6

