

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
 Data File : BG017547.D
 Acq On : 8 Jun 2015 17:29
 Operator : TP/IZ
 Sample : G2555-06 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DUSO-006

Manual Integrations
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Quant Time: Jun 09 03:27:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 02:10:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	20538	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	88434	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	57597	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	113548	20.00	ng	0.00
75) Chrysene-d12	21.23	240	130036	20.00	ng	0.00
86) Perylene-d12	23.47	264	127598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	39297	33.71	ng	0.00
7) Phenol-d6	6.82	99	51442	32.39	ng	0.00
23) Nitrobenzene-d5	8.77	82	39734	22.43	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	20866	26.08	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	85719	22.45	ng	0.00
78) Terphenyl-d14	19.68	244	117432	18.66	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.45	128	15733	3.41	ng	# 93
37) 2-Methylnaphthalene	12.08	142	26799	7.55	ng	92
51) Acenaphthene	14.35	154	7729	2.11	ng	95
57) Fluorene	15.33	166	32233	6.59	ng	# 94
70) Phenanthrene	17.08	178	230563	36.42	ng	99
71) Anthracene	17.17	178	29318	4.64	ng	96
74) Fluoranthene	19.11	202	198974	24.03	ng	99
77) Pyrene	19.47	202	275149	34.35	ng	99
80) Benzo(a)anthracene	21.22	228	121326	15.17	ng	100
82) Chrysene	21.27	228	124881m	17.24	ng	
85) Indeno(1,2,3-cd)pyrene	25.74	276	46391	5.10	ng	# 86
87) Benzo(b)fluoranthene	22.80	252	110255m	13.64	ng	
88) Benzo(k)fluoranthene	22.83	252	37610m	4.86	ng	
89) Benzo(a)pyrene	23.37	252	100754	13.59	ng	98
91) Benzo(g,h,i)perylene	26.44	276	44804	6.11	ng	96

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

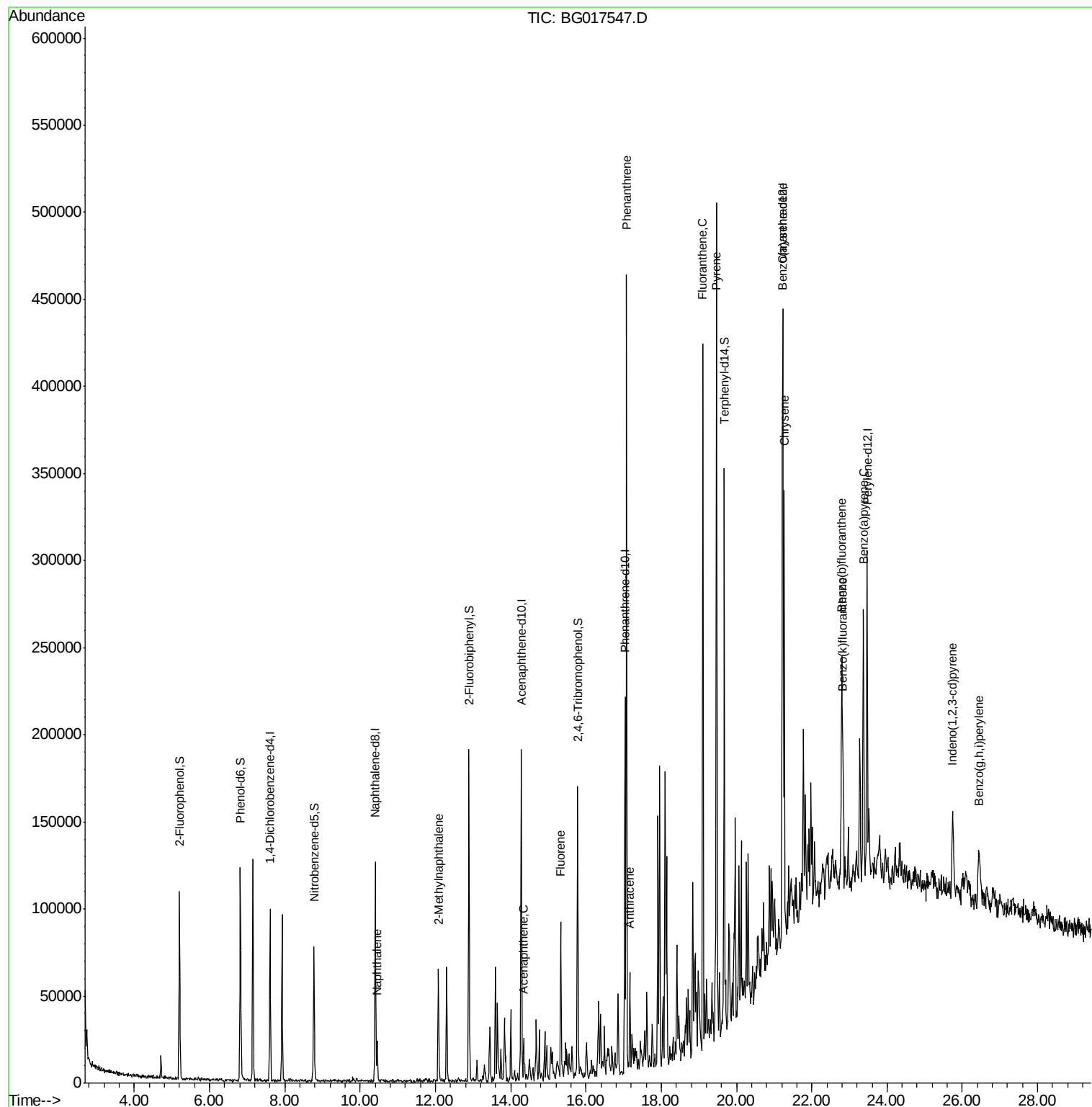
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017547.D
Acq On : 8 Jun 2015 17:29
Operator : TP/IZ
Sample : G2555-06 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

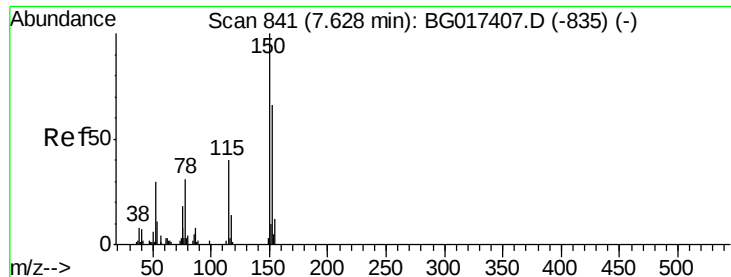
Instrument :
BNA_G
ClientSampleId :
DUSO-006

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Quant Time: Jun 09 03:27:07 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 02:10:45 2015
Response via : Initial Calibration





#1

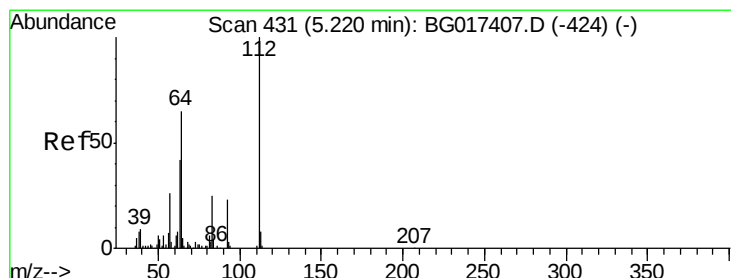
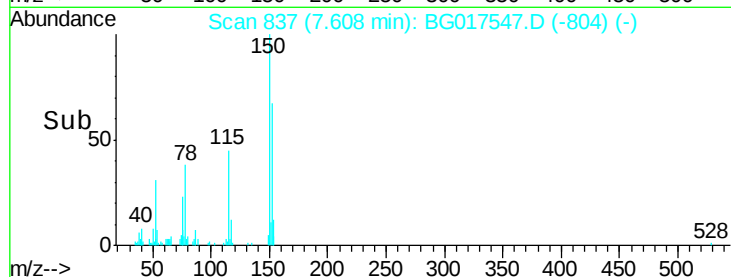
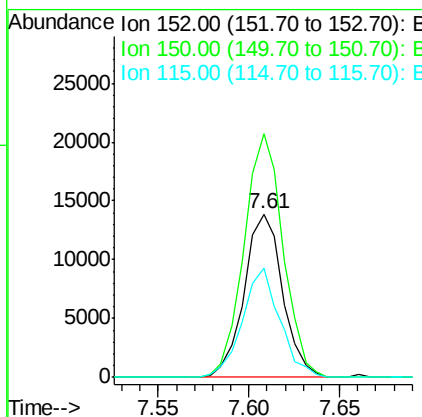
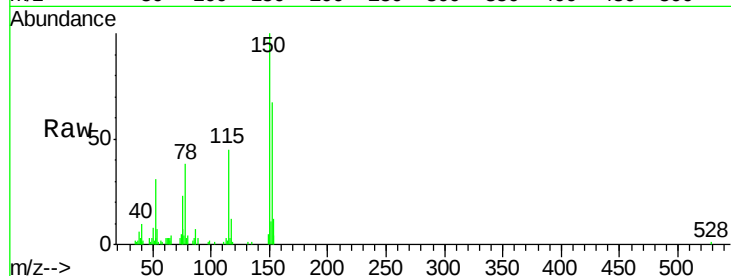
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.61 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Instrument :
BNA_G
ClientSampleId :
DUSO-006

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.1	121.7	182.5
115	66.6	48.6	73.0

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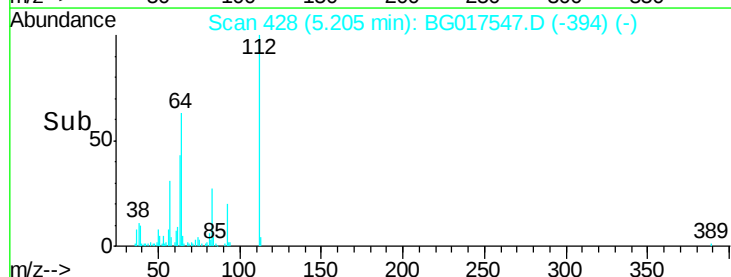
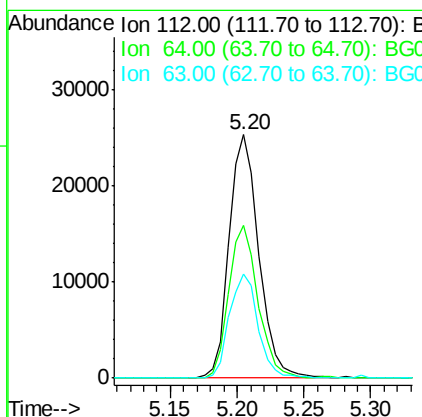
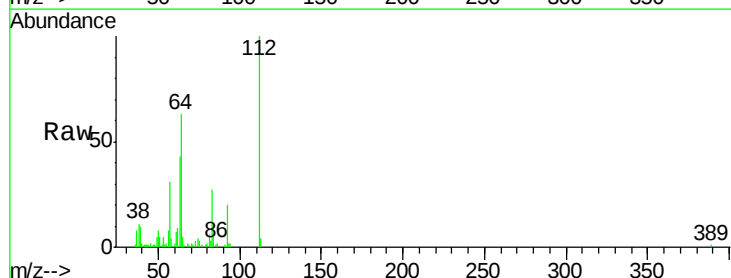
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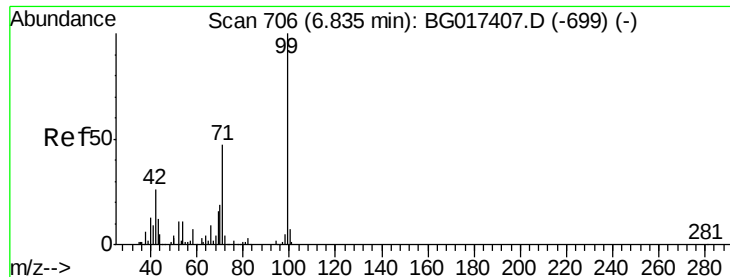


#5

2-Fluorophenol
Concen: 33.71 ng
RT: 5.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.6	77.4
63	42.8	33.3	49.9





#7

Phenol-d6

Concen: 32.39 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

Instrument :

BNA_G

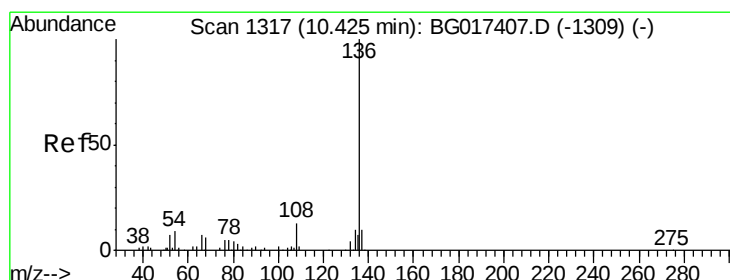
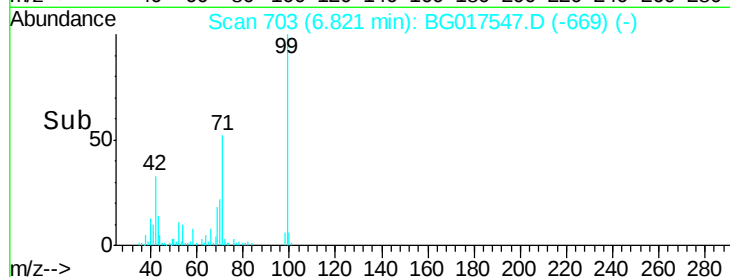
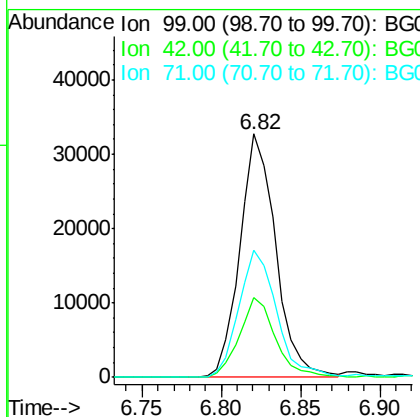
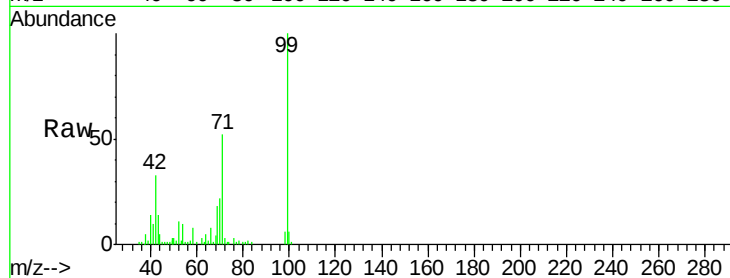
ClientSampleId :

DUSO-006

Tgt Ion:	99	Resp:	51442
Ion Ratio	Lower	Upper	
99	100		
42	32.6	21.0	31.6#
71	52.2	37.2	55.8

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#21

Naphthalene-d8

Concen: 20.00 ng

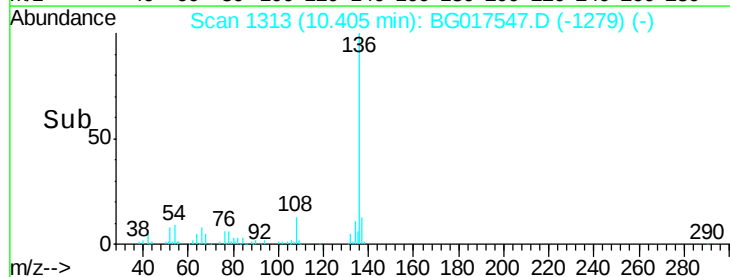
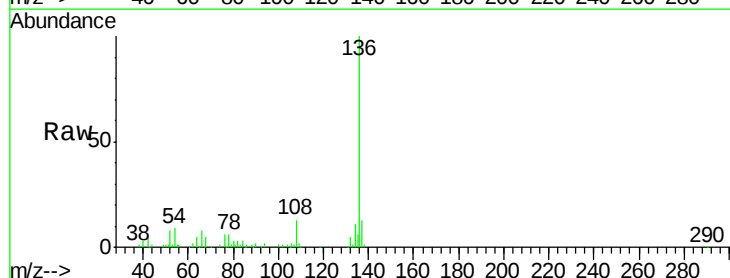
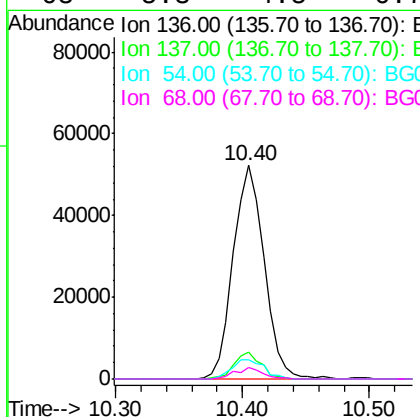
RT: 10.40 min Scan# 1313

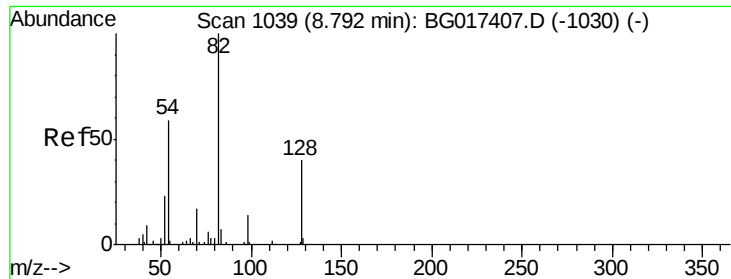
Delta R.T. 0.00 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

Tgt Ion:	136	Resp:	88434
Ion Ratio	Lower	Upper	
136	100		
137	12.7	7.9	11.9#
54	8.7	7.2	10.8
68	5.3	4.5	6.7





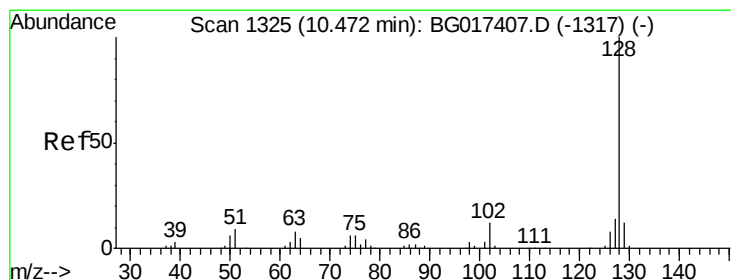
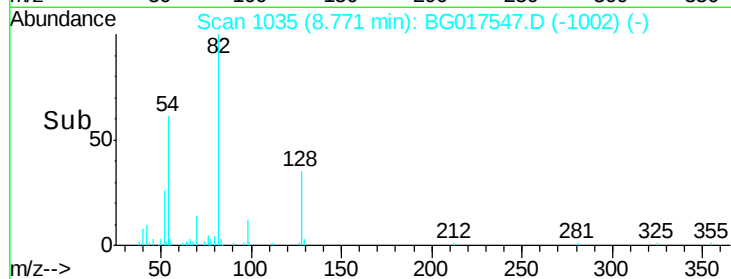
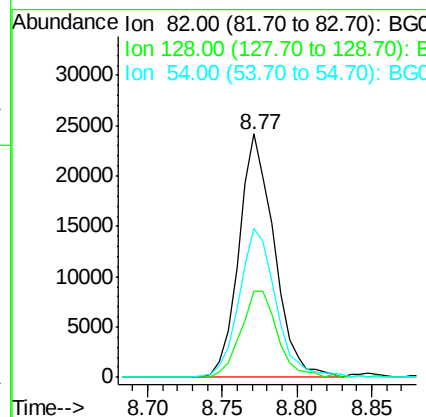
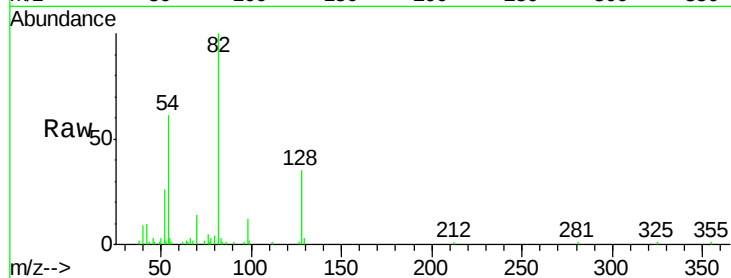
#23
Nitrobenzene-d5
Concen: 22.43 ng
RT: 8.77 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	32.2	48.4
54	60.9	47.4	71.2

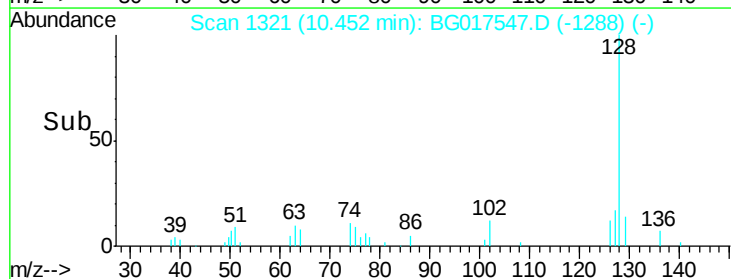
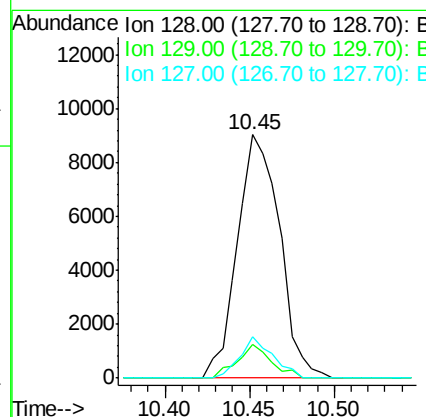
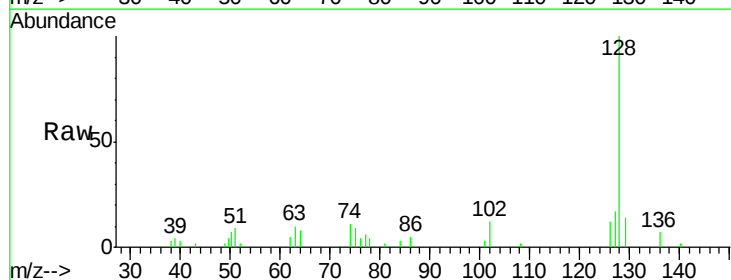
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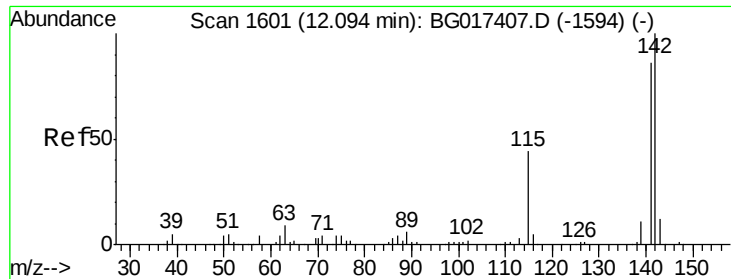
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#31
Naphthalene
Concen: 3.41 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.0	9.2	13.8#
127	16.9	10.9	16.3#





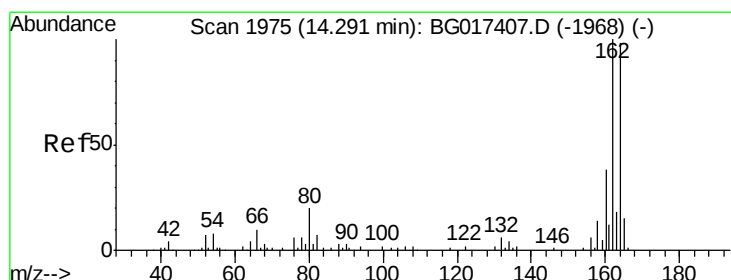
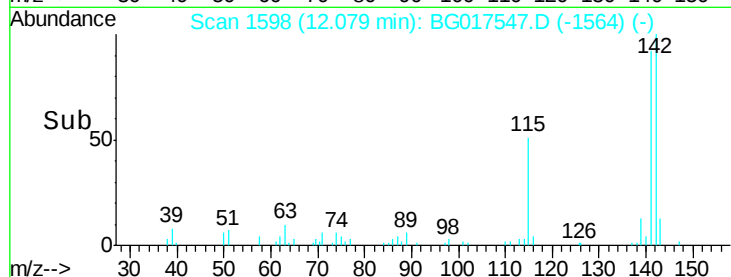
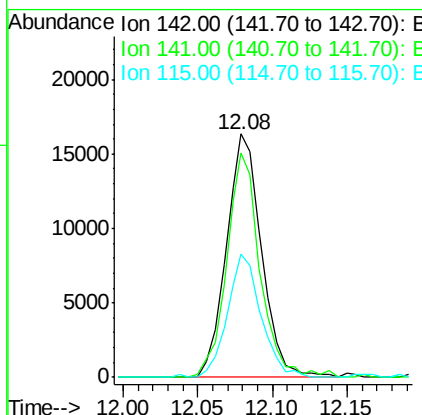
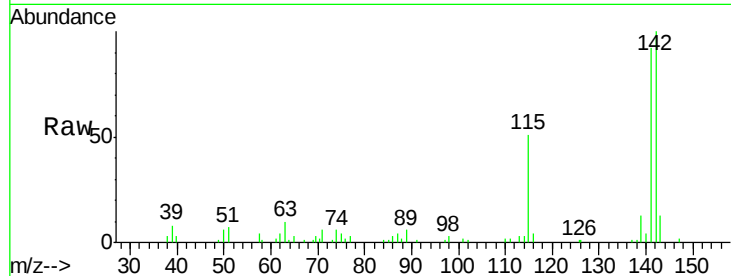
#37
2-Methylnaphthalene
Concen: 7.55 ng
RT: 12.08 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Instrument :
BNA_G
ClientSampleId :
DUSO-006

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	68.6	102.8
115	50.6	35.3	52.9

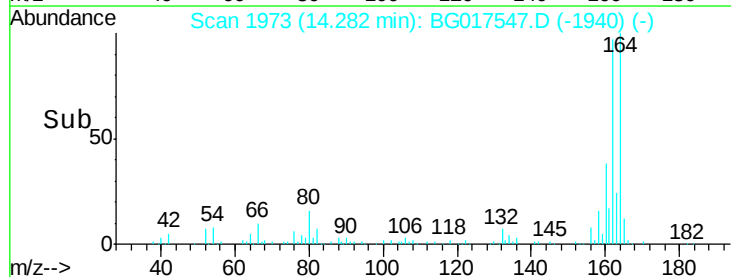
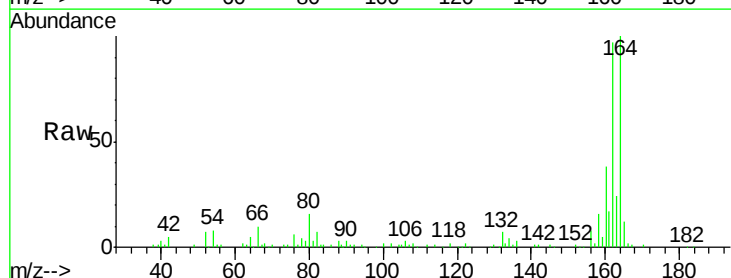
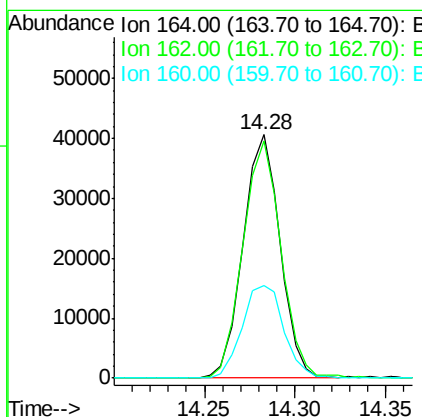
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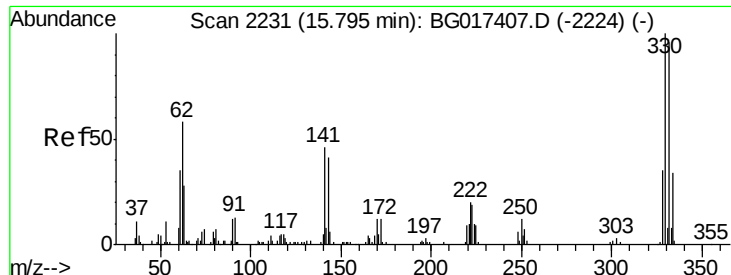
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.28 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	81.8	122.6
160	37.9	31.0	46.4





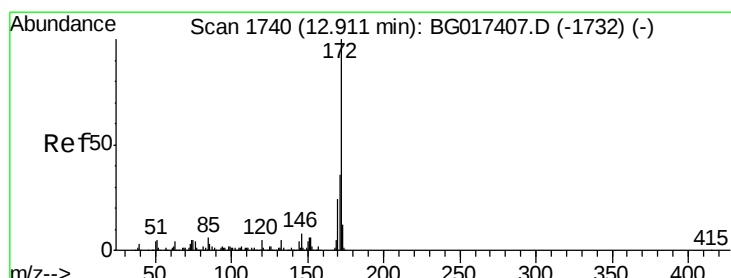
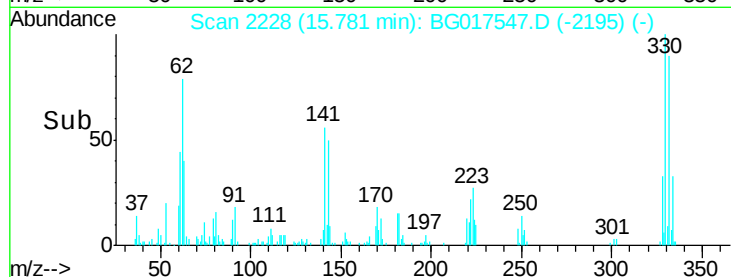
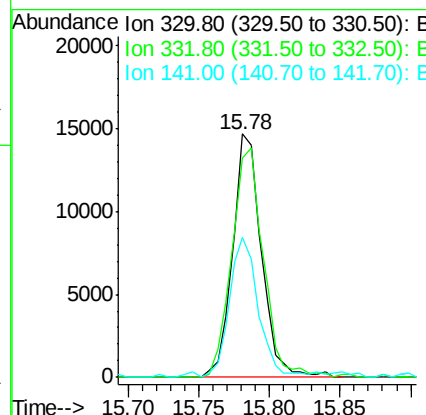
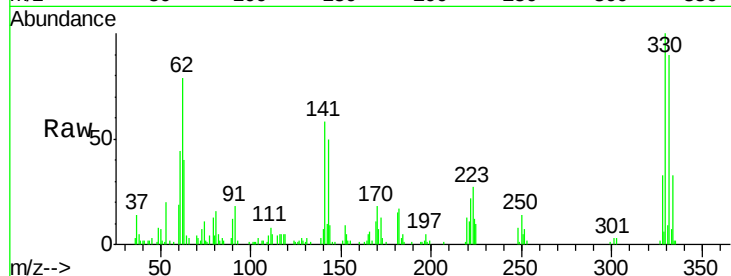
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 2,4,6-Tribromophenol
 Concen: 26.08 ng
 RT: 15.78 min Scan# 2228
 Delta R.T. -0.00 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	20866		
332	103.3	75.9	113.9	
141	58.5	40.2	60.4	

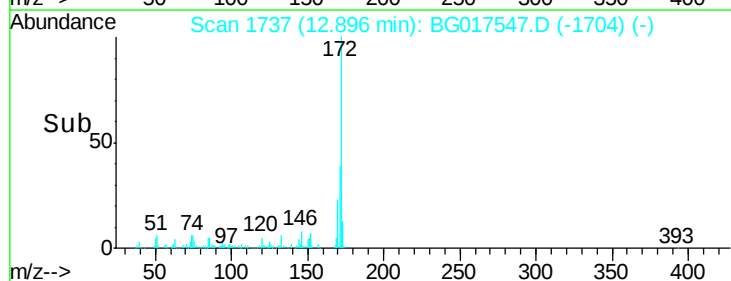
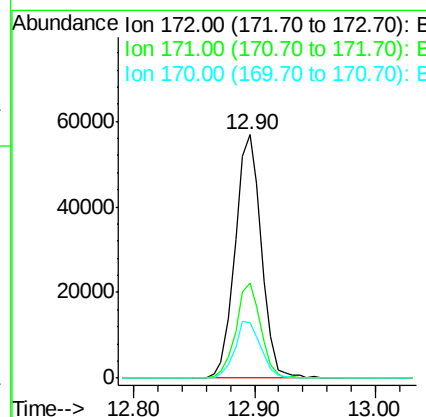
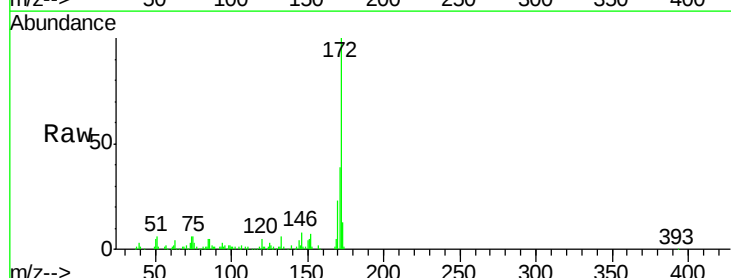
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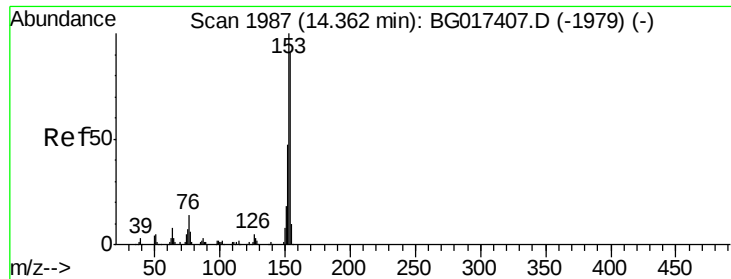
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#44
 2-Fluorobiphenyl
 Concen: 22.45 ng
 RT: 12.90 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	85719		
171	38.8	29.0	43.6	
170	22.9	18.9	28.3	





#51

Acenaphthene

Concen: 2.11 ng

RT: 14.35 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BG017547.D

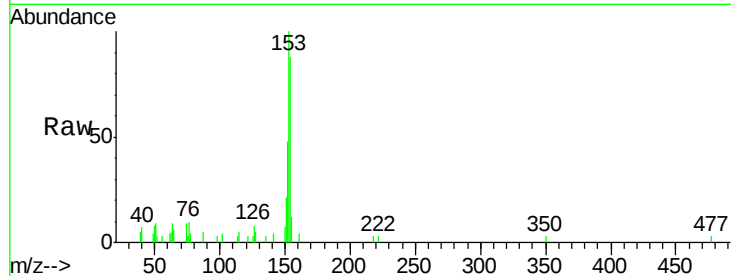
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Instrument :

BNA_G

ClientSampleId :

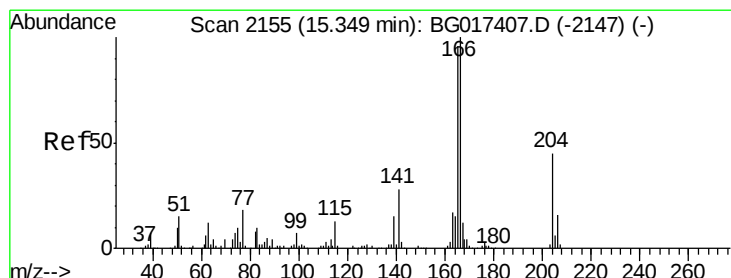
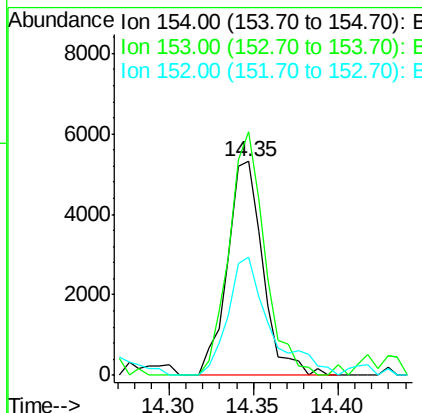
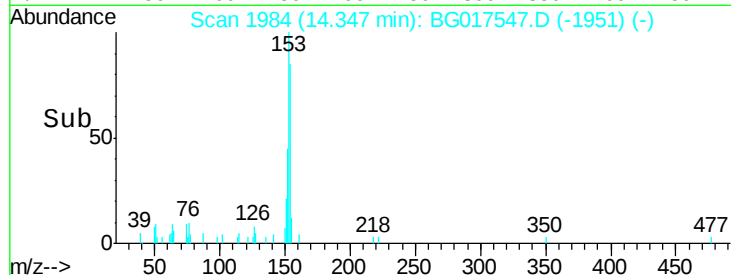
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Tgt Ion:	154	Resp:	7729
Ion Ratio	Lower	Upper	
154	100		
153	113.9	87.7	131.5
152	55.0	40.8	61.2

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#57

Fluorene

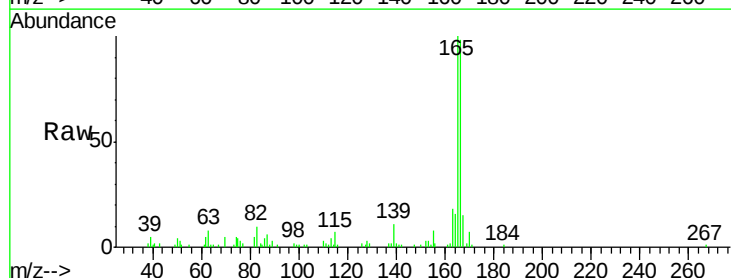
Concen: 6.59 ng

RT: 15.33 min Scan# 2152

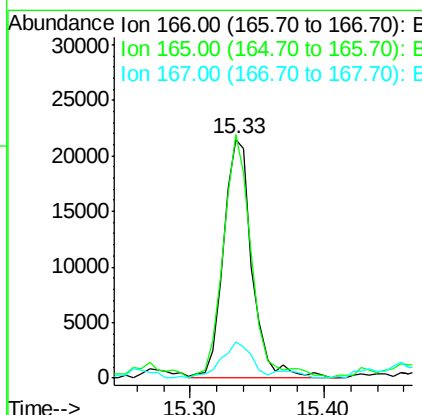
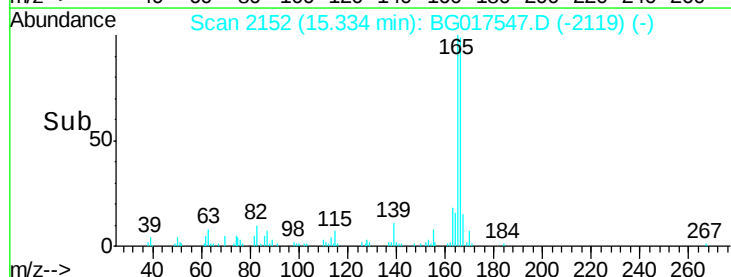
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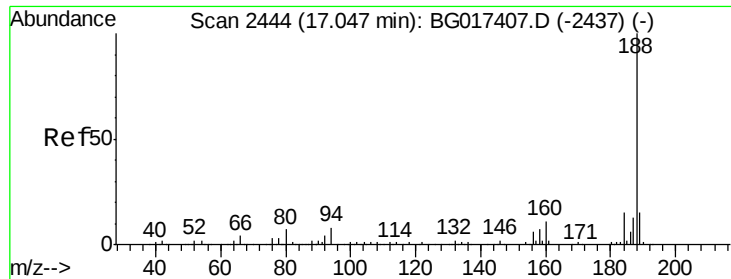
Lab File: BG017547.D

Acq: 8 Jun 2015 17:29



Tgt Ion:	166	Resp:	32233
Ion Ratio	Lower	Upper	
166	100		
165	102.0	76.8	115.2
167	15.4	9.9	14.9#





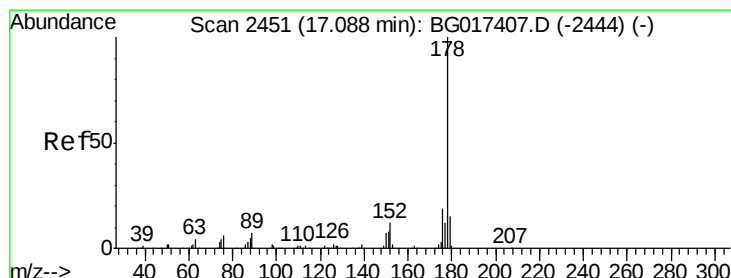
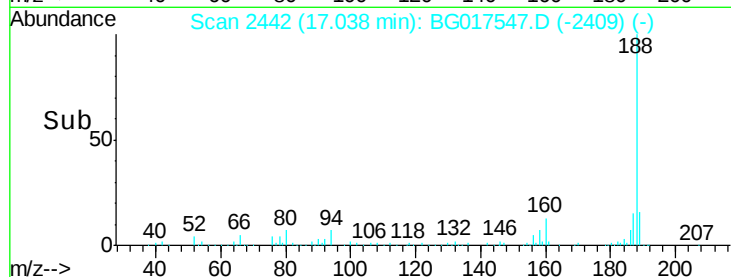
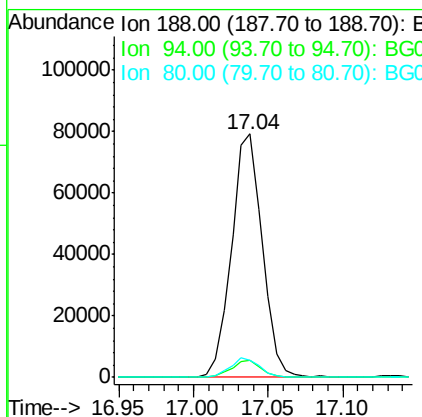
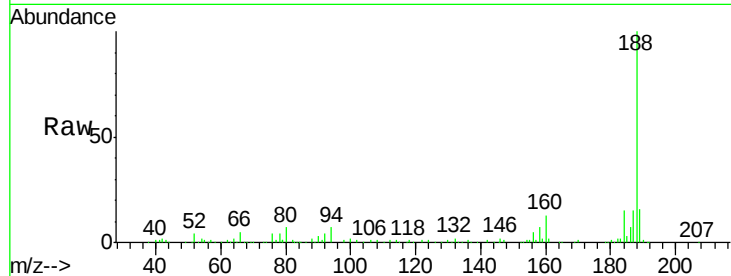
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Instrument :
BNA_G
ClientSampleId :
DUSO-006

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	113548		
94	6.9	6.3	9.5	
80	6.9	5.2	7.8	

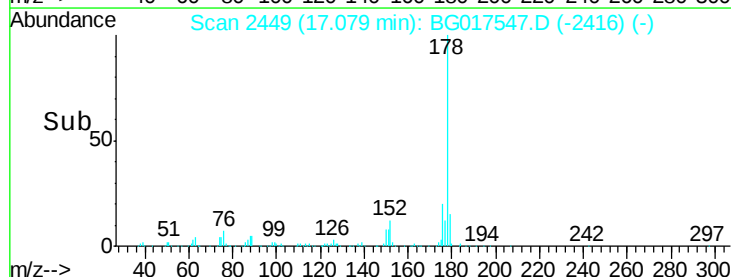
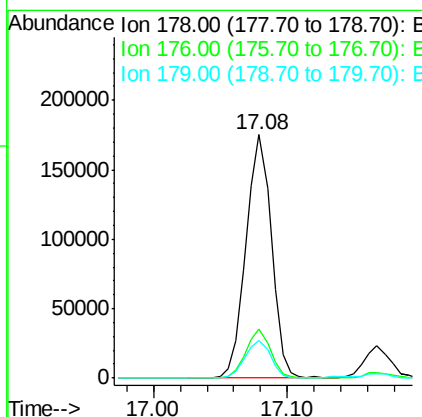
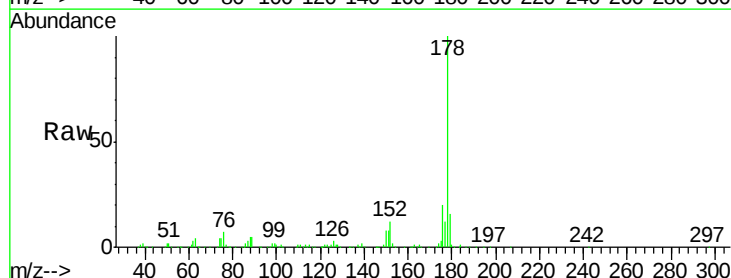
Manual Integrations
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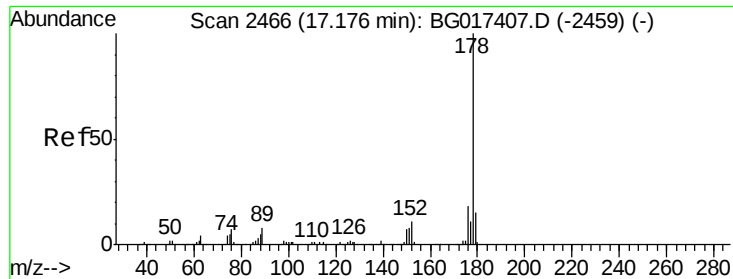
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#70
Phenanthrene
Concen: 36.42 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	230563		
176	20.2	15.6	23.4	
179	15.5	12.2	18.2	





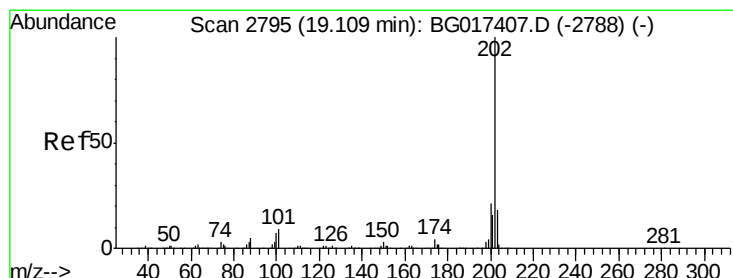
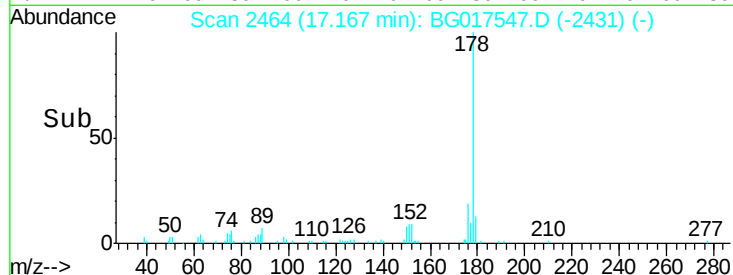
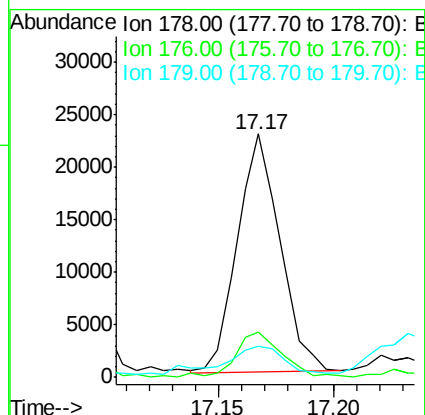
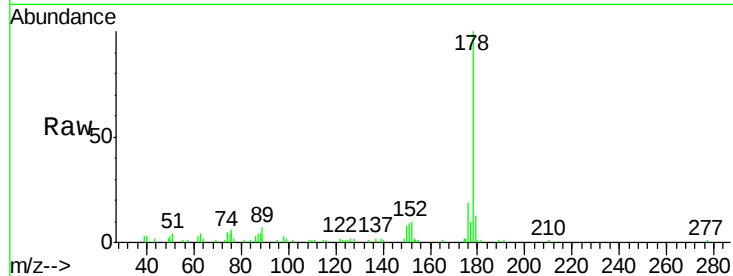
#71
 Anthracene
 Concen: 4.64 ng
 RT: 17.17 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Instrument :
 BNA_G
 ClientSampleId :
 DUSO-006

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	29318		
176	18.8	14.2	21.2	
179	13.0	12.2	18.4	

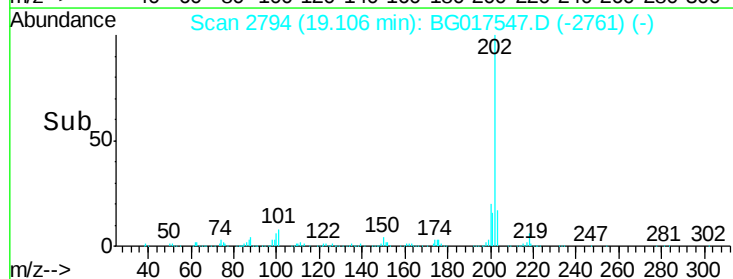
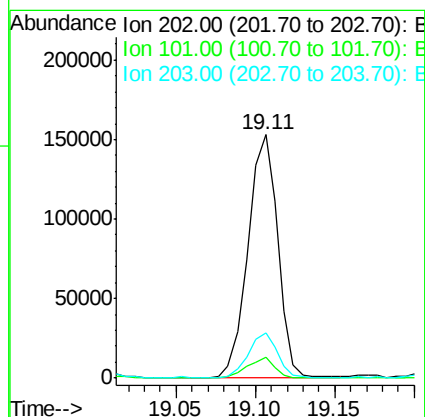
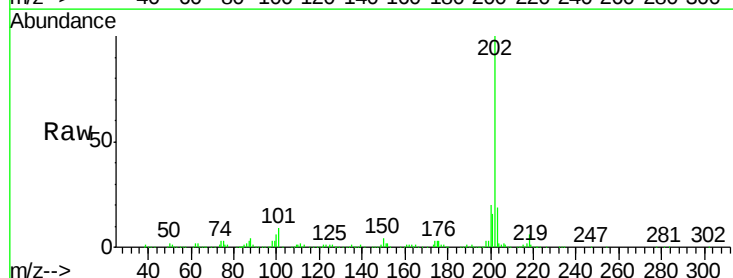
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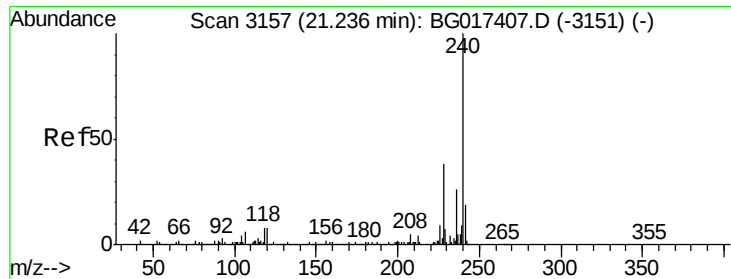
apatel
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#74
 Fluoranthene
 Concen: 24.03 ng
 RT: 19.11 min Scan# 2794
 Delta R.T. -0.00 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	198974		
101	8.7	0.0	28.8	
203	18.5	0.0	37.6	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

Instrument :

BNA_G

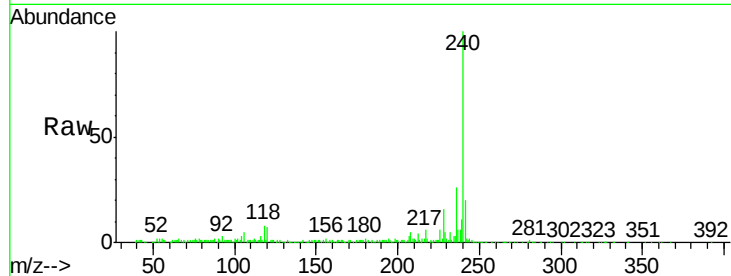
ClientSampleId :

DUSO-006

Tgt	Ion	240	Resp:	130036
Ion	Ratio	Lower	Upper	
240	100			
120	6.8	6.5	9.7	
236	26.3	20.8	31.2	

Manual Integrations
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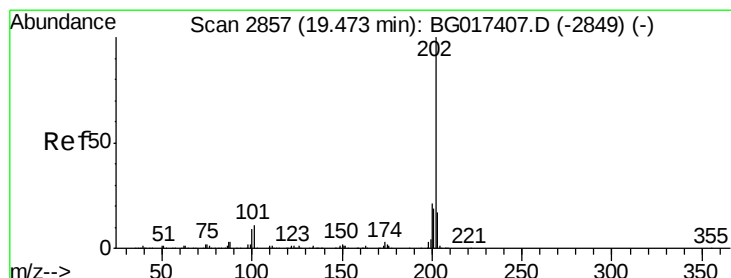
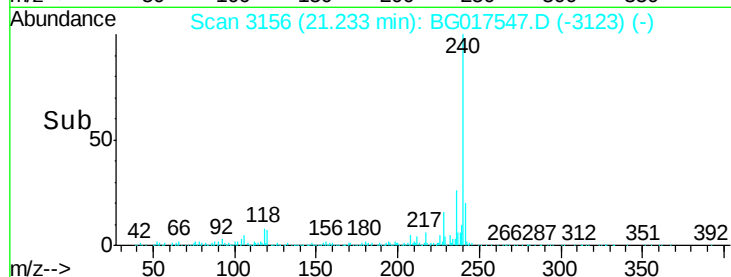
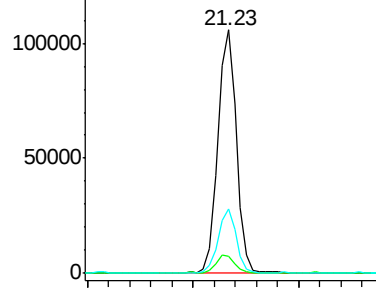
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 34.35 ng

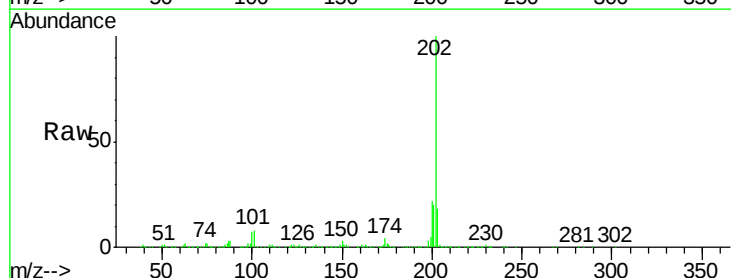
RT: 19.47 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

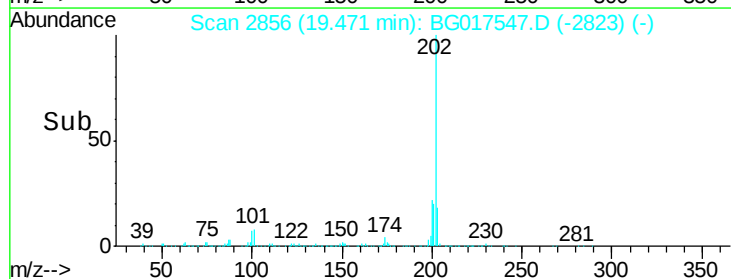
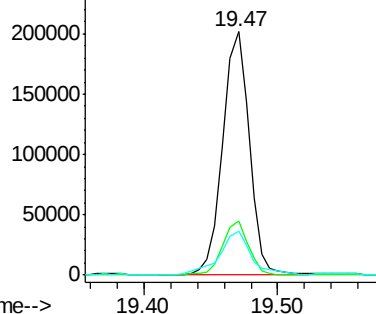
Tgt	Ion	202	Resp:	275149
Ion	Ratio	Lower	Upper	
202	100			
200	22.0	17.0	25.4	
203	17.9	13.9	20.9	

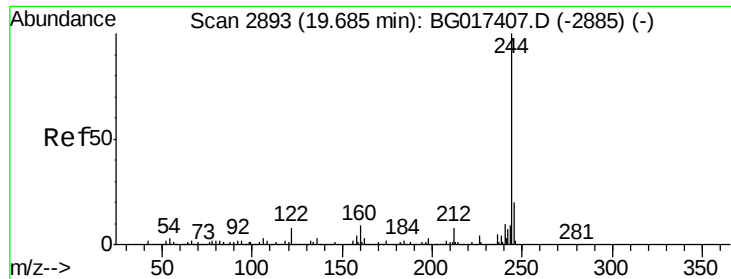


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





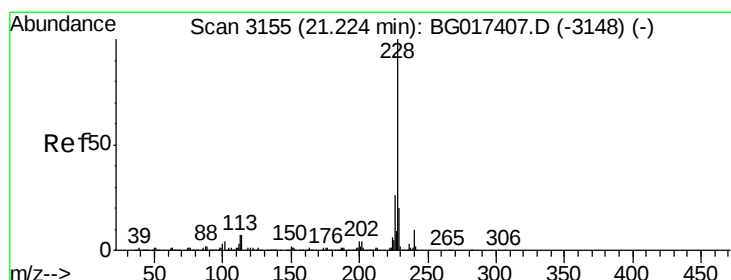
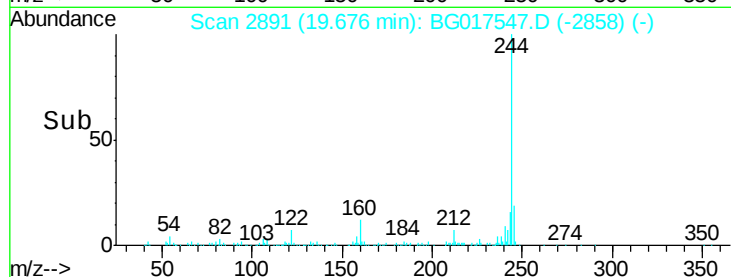
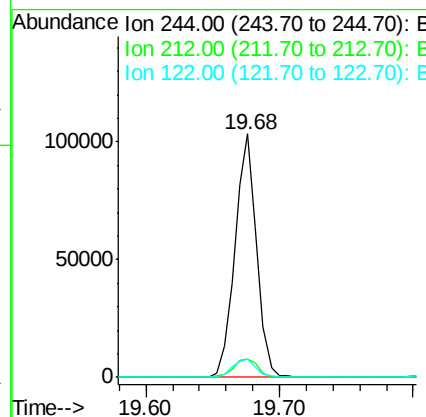
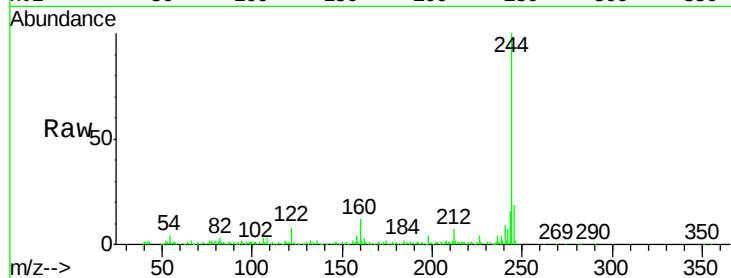
#78
 Terphenyl-d14
 Concen: 18.66 ng
 RT: 19.68 min Scan# 2891
 Delta R.T. -0.00 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Instrument :
 BNA_G
 ClientSampleId :
 DUSO-006

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	117432		
212	7.3	6.4	9.6	
122	7.7	6.6	10.0	

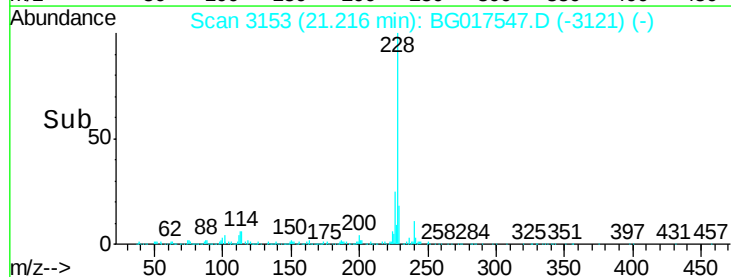
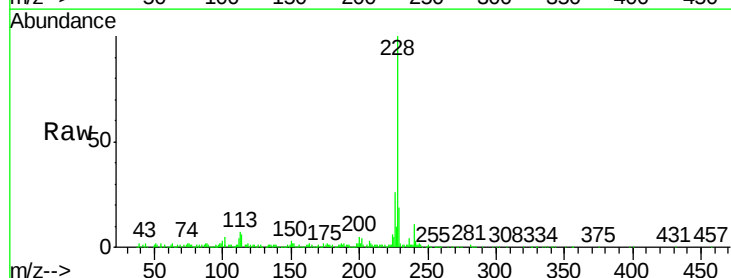
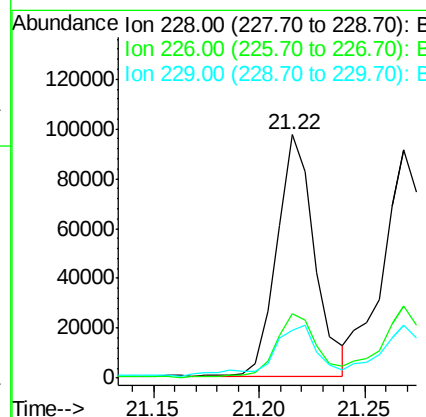
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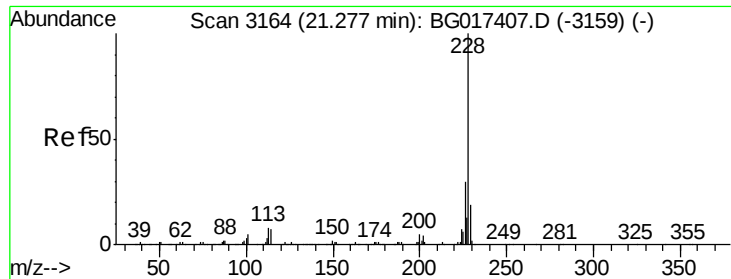
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#80
 Benzo(a)anthracene
 Concen: 15.17 ng
 RT: 21.22 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	121326		
226	26.5	21.0	31.6	
229	19.4	15.7	23.5	





#82

Chrysene

Concen: 17.24 ng m

RT: 21.27 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG017547.D

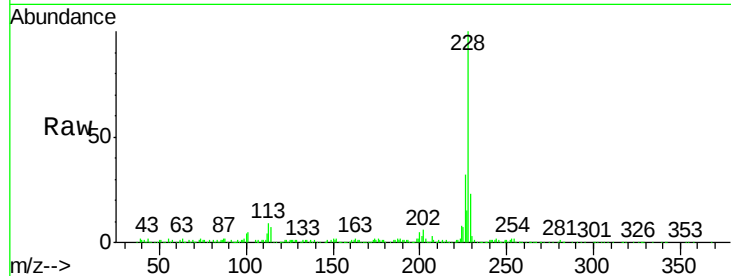
Acq: 8 Jun 2015 17:29

Instrument :

BNA_G

ClientSampleId :

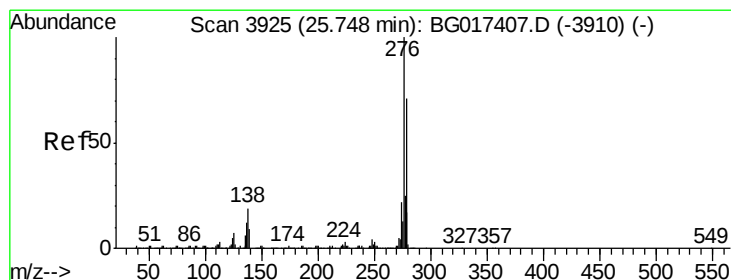
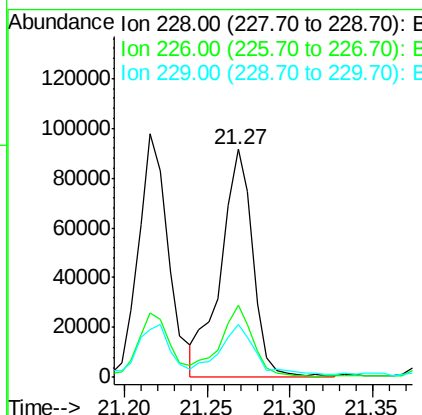
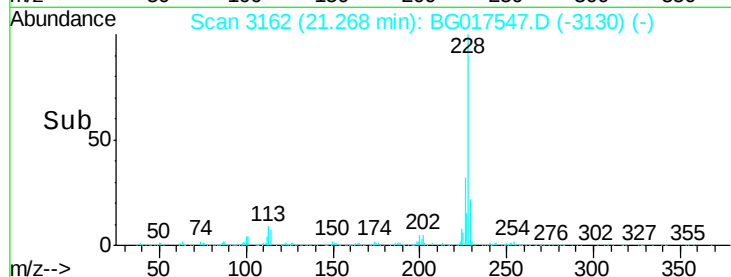
DUSO-006



Tgt Ion:	228	Resp:	124881
Ion Ratio	Lower	Upper	
228	100		
226	31.9	23.7	35.5
229	23.0	15.2	22.8#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.10 ng

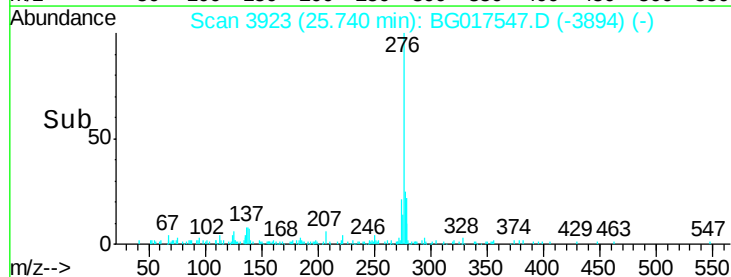
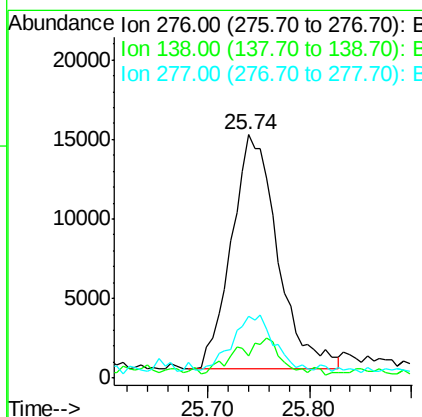
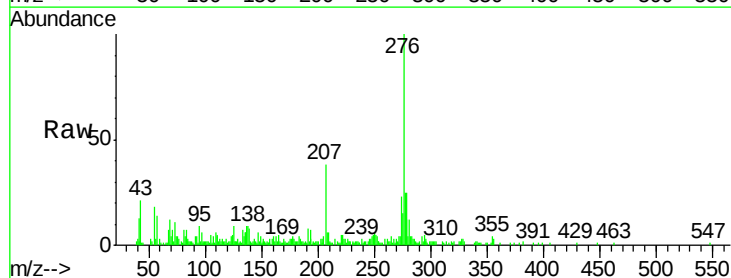
RT: 25.74 min Scan# 3923

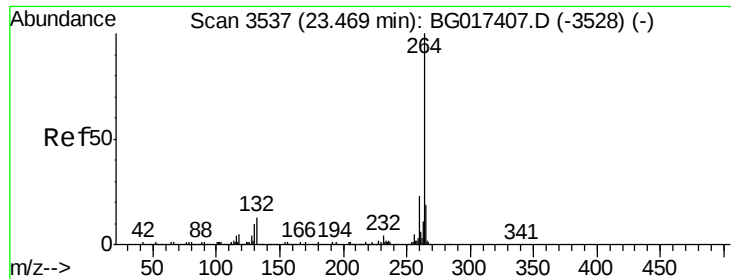
Delta R.T. -0.03 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

Tgt Ion:	276	Resp:	46391
Ion Ratio	Lower	Upper	
276	100		
138	8.5	15.4	23.0#
277	22.1	20.5	30.7





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.47 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

Instrument :

BNA_G

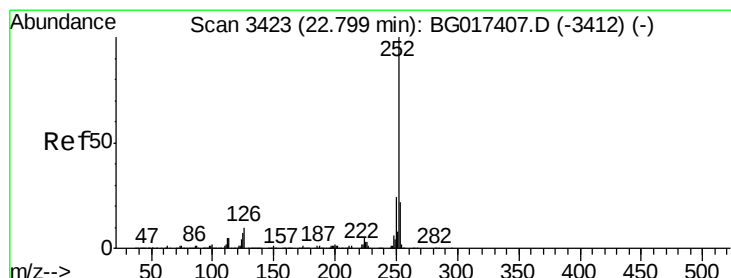
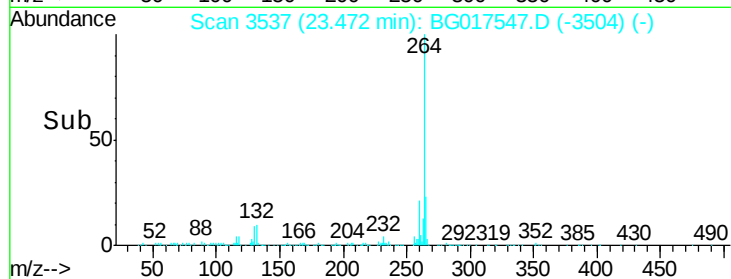
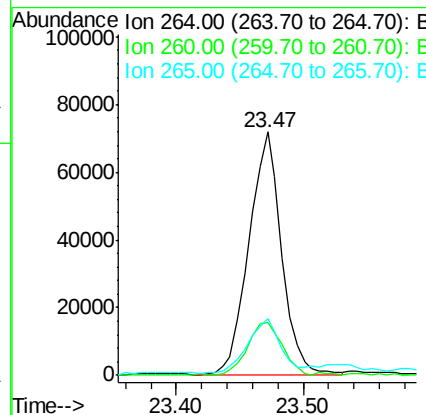
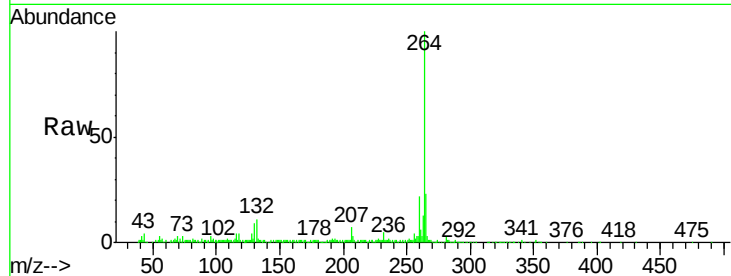
ClientSampleId :

DUSO-006

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.2	27.4
265	23.4	15.8	23.6

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#87

Benzo(b)fluoranthene

Concen: 13.64 ng m

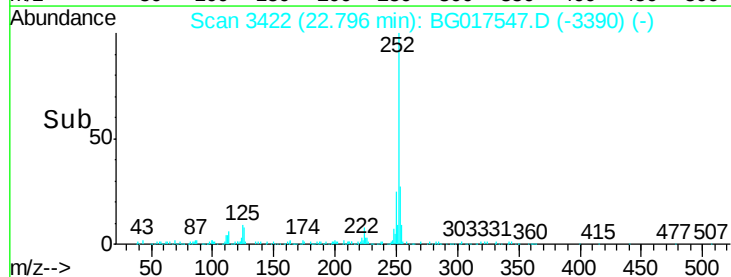
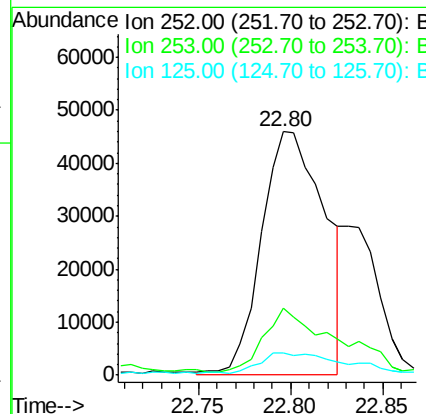
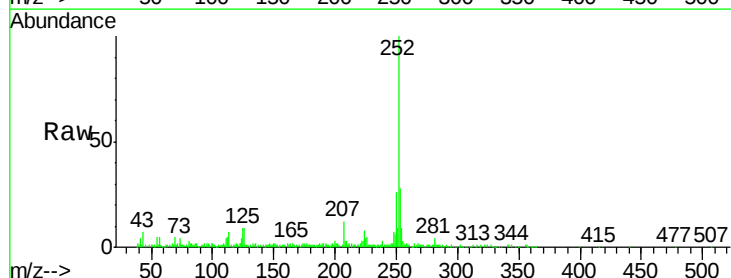
RT: 22.80 min Scan# 3422

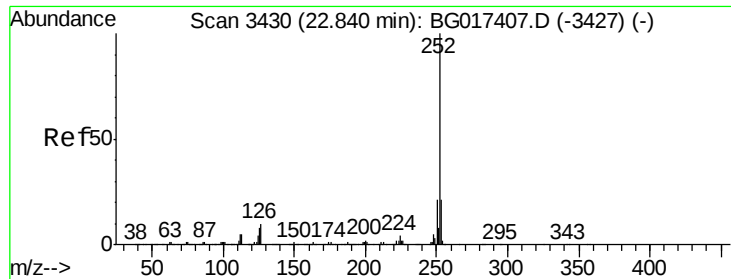
Delta R.T. -0.01 min

Lab File: BG017547.D

Acq: 8 Jun 2015 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.4	26.2#
125	9.0	5.8	8.8#





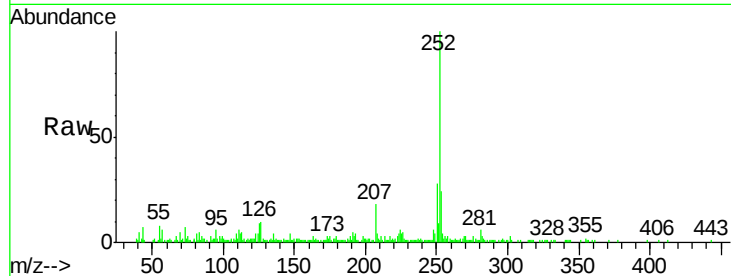
#88
Benzo(k)fluoranthene
Concen: 4.86 ng m
RT: 22.83 min Scan# 3427
Delta R.T. -0.03 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

Instrument :
BNA_G
ClientSampleId :
DUSO-006

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	9.1	6.5	9.7

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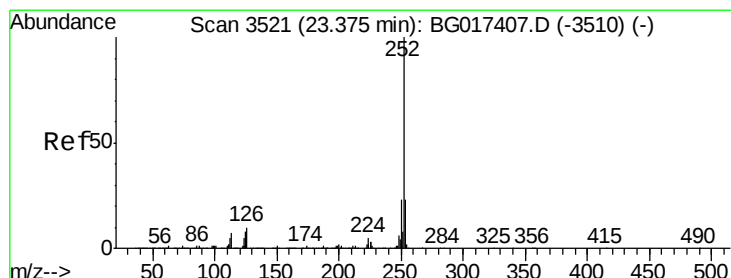
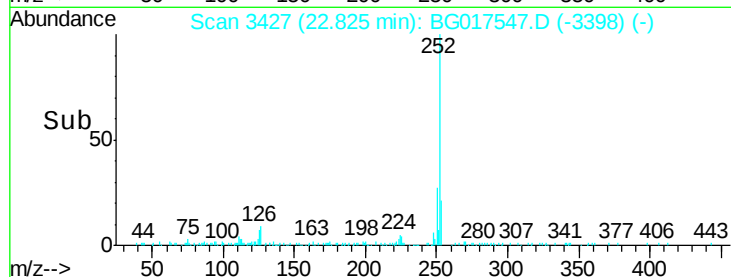
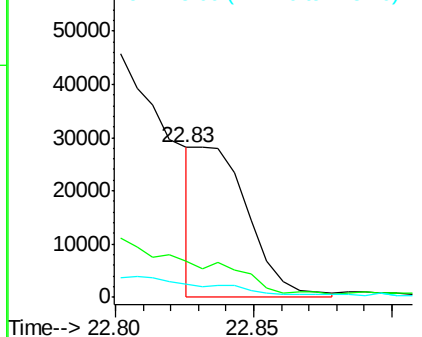


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 13.59 ng
RT: 23.37 min Scan# 3520
Delta R.T. -0.01 min
Lab File: BG017547.D
Acq: 8 Jun 2015 17:29

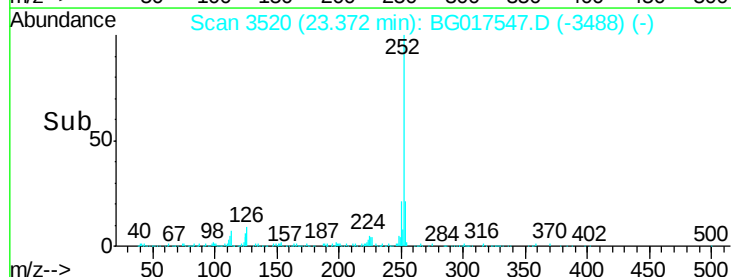
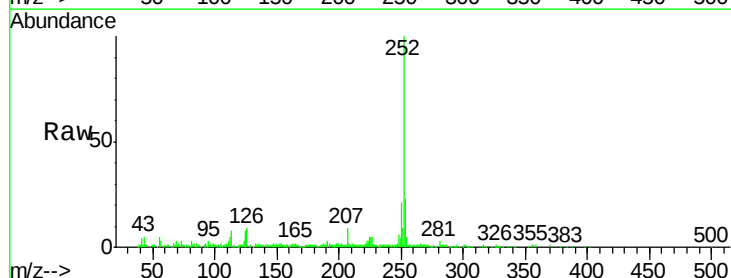
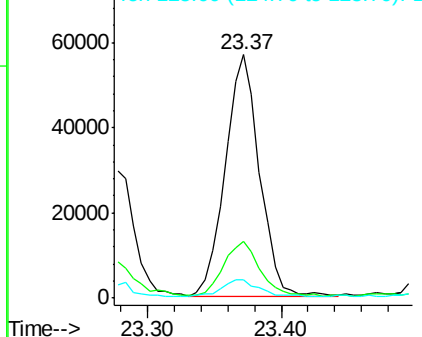
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	7.6	6.5	9.7

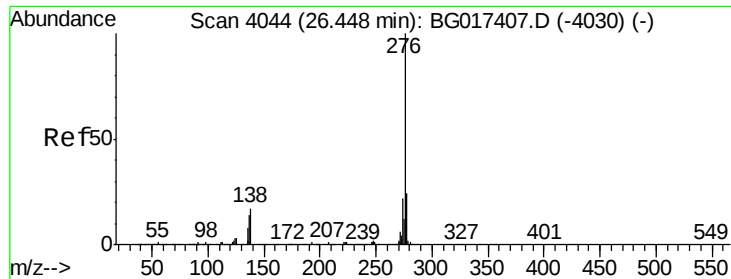
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 6.11 ng
 RT: 26.44 min Scan# 4043
 Delta R.T. -0.03 min
 Lab File: BG017547.D
 Acq: 8 Jun 2015 17:29

Instrument :
 BNA_G
 ClientSampleId :
 DUSO-006

Tgt Ion:	276	Resp:	44804
Ion Ratio	Lower	Upper	
276	100		
277	21.9	19.2	28.8
138	14.9	13.5	20.3

Manual Integrations
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