

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017462.D
 Acq On : 5 Jun 2015 5:24
 Operator : TP/IZ
 Sample : G2474-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-4

Manual Integrations
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Quant Time: Jun 05 11:53:18 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 01:31:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	14484	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	59852	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	40950	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	104557	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	123578	20.00	ng	0.00
86) Perylene-d12	23.47	264	125257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	97064	118.07	ng	0.00
7) Phenol-d6	6.83	99	128833	115.03	ng	0.00
23) Nitrobenzene-d5	8.79	82	88746	74.02	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	57657	101.37	ng	-0.01
44) 2-Fluorobiphenyl	12.91	172	151201	55.70	ng	0.00
78) Terphenyl-d14	19.68	244	268439	44.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.75	163	22615	6.34	ng	# 95
70) Phenanthrene	17.08	178	12844	2.20	ng	# 94
74) Fluoranthene	19.10	202	30416	3.99	ng	99
77) Pyrene	19.47	202	26467	3.48	ng	98
82) Chrysene	21.27	228	14558	2.12	ng	94
87) Benzo(b)fluoranthene	22.79	252	16058m	2.02	ng	

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

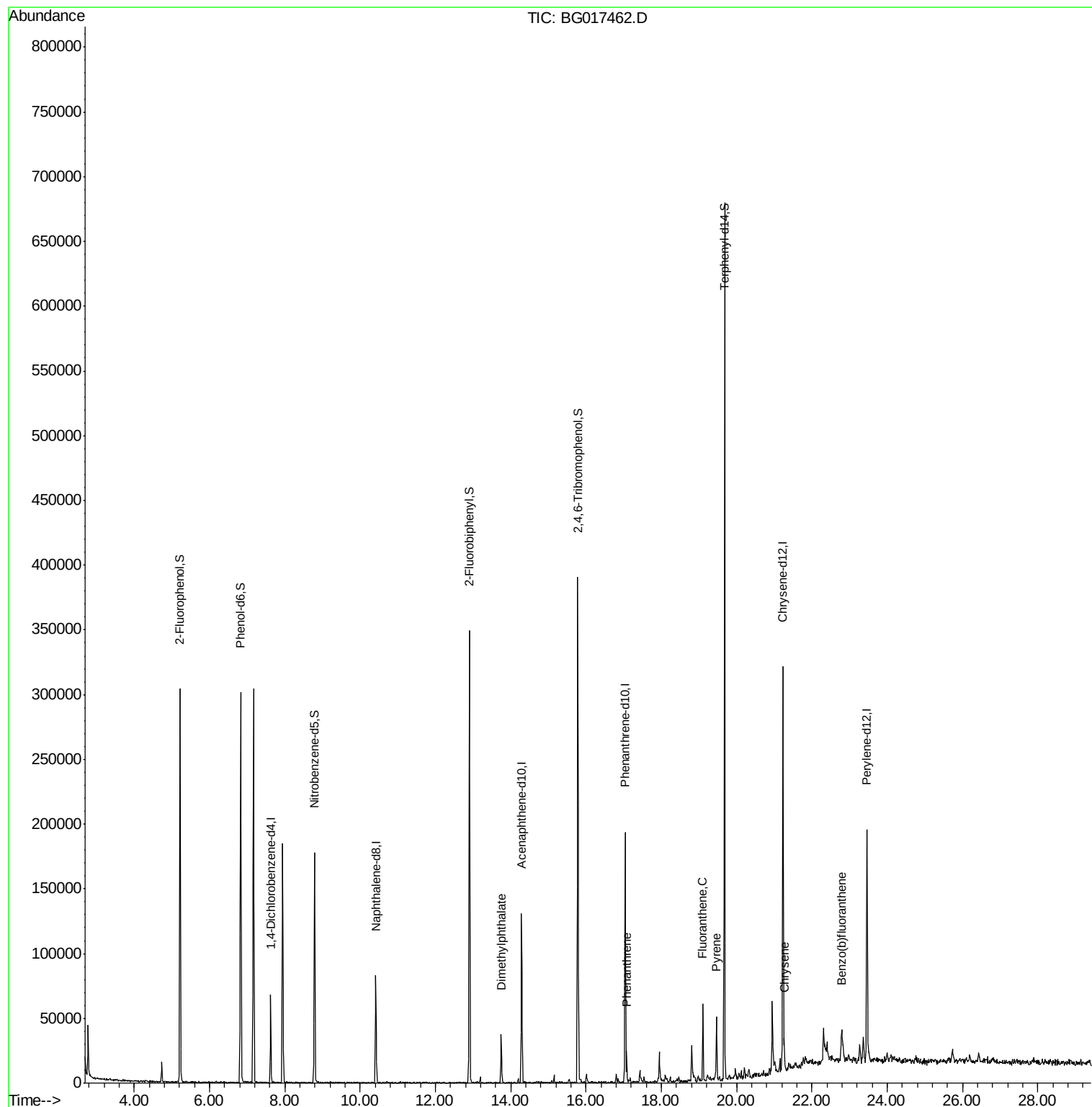
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
Data File : BG017462.D
Acq On : 5 Jun 2015 5:24
Operator : TP/IZ
Sample : G2474-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

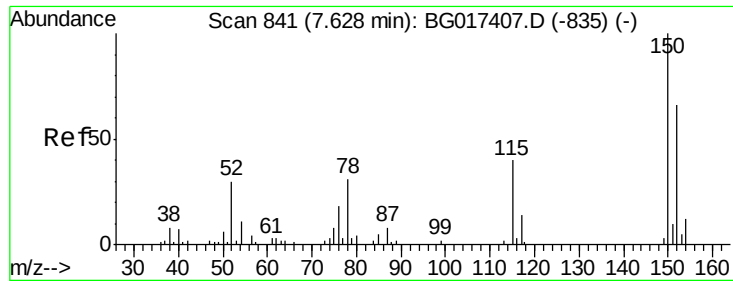
Instrument :
BNA_G
ClientSampleId :
C-4

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Quant Time: Jun 05 11:53:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 04 01:31:15 2015
Response via : Initial Calibration





#1

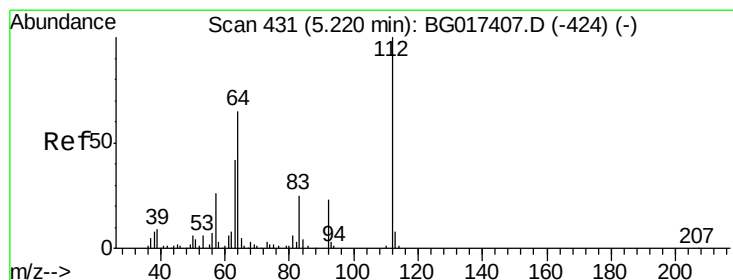
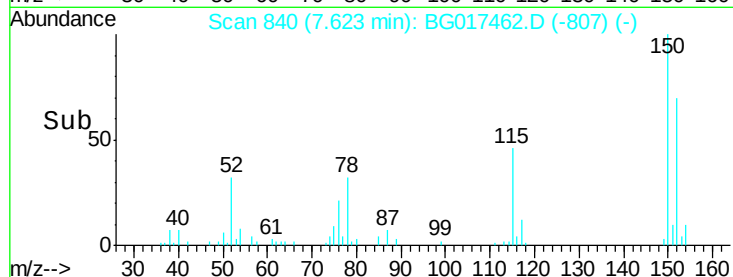
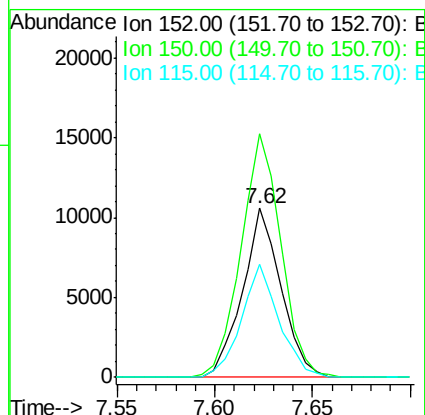
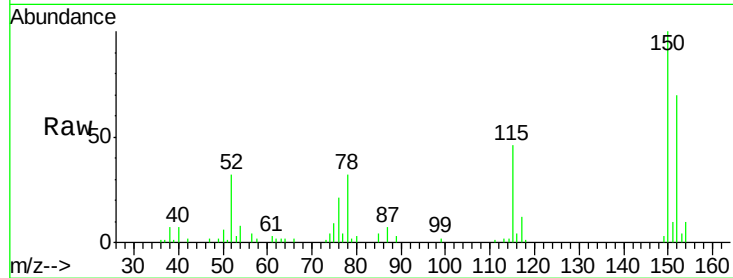
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG017462.D
Acq: 5 Jun 2015 5:24

Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	143.9	121.7	182.5
115	66.5	48.6	73.0

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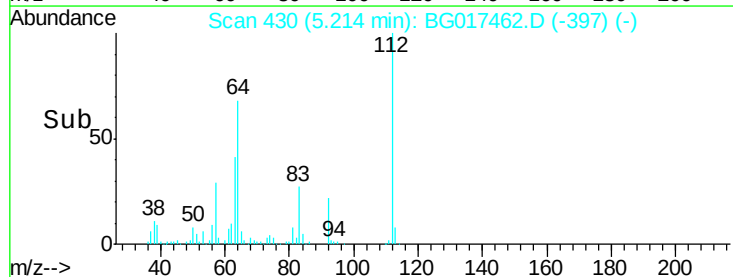
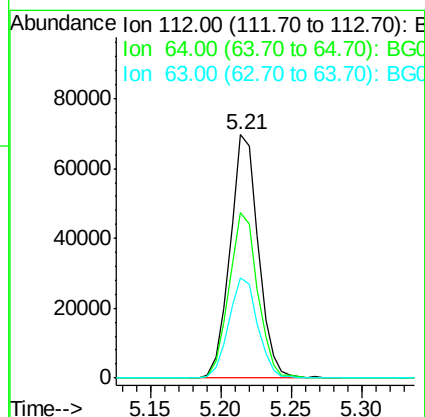
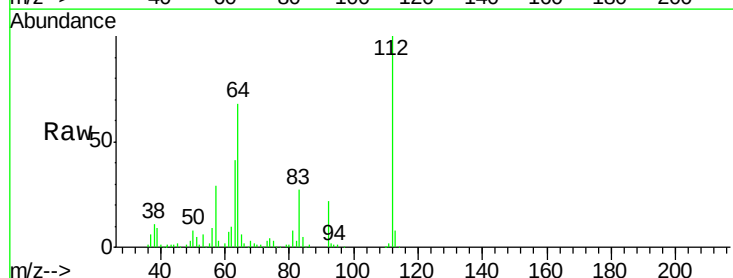
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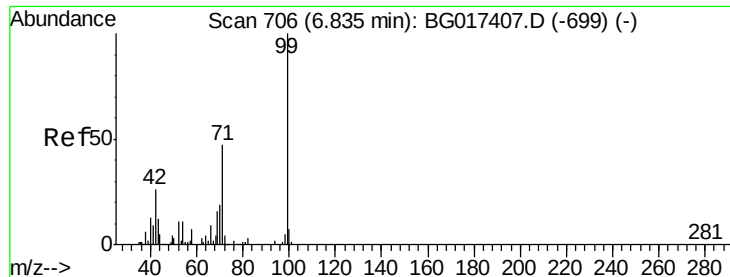


#5

2-Fluorophenol
Concen: 118.07 ng
RT: 5.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: BG017462.D
Acq: 5 Jun 2015 5:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	51.6	77.4
63	41.1	33.3	49.9





#7

Phenol-d6

Concen: 115.03 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG017462.D

Acq: 5 Jun 2015 5:24

Instrument :

BNA_G

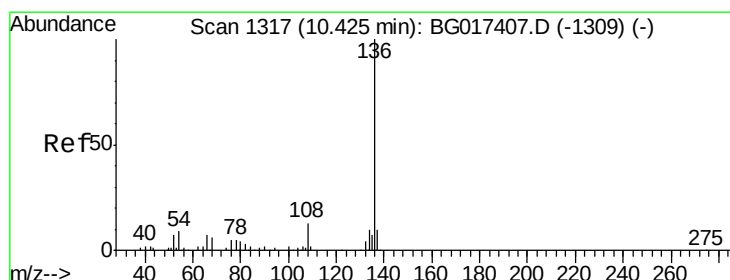
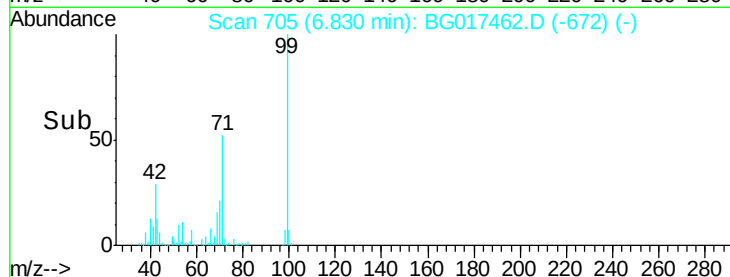
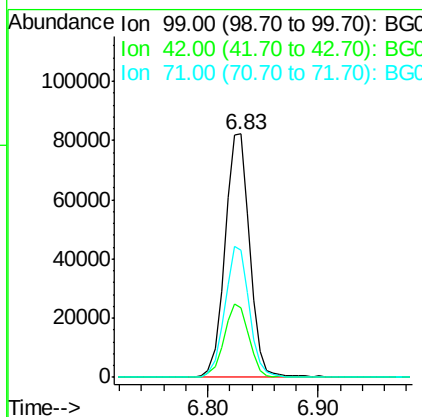
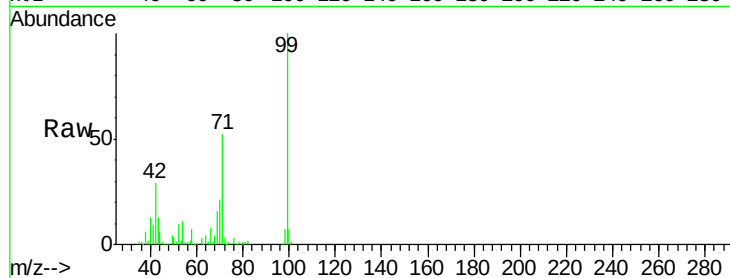
ClientSampled :

C-4

Tgt Ion:	99	Resp:	128833
Ion Ratio	Lower	Upper	
99	100		
42	28.7	21.0	31.6
71	52.3	37.2	55.8

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#21

Naphthalene-d8

Concen: 20.00 ng

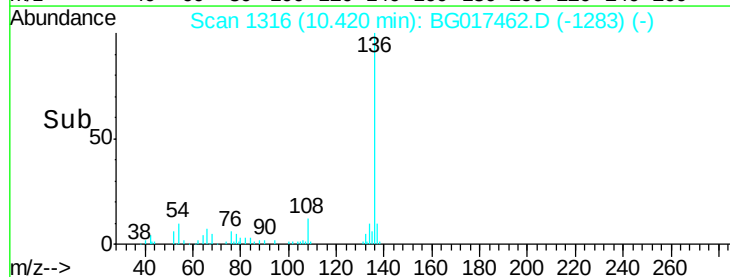
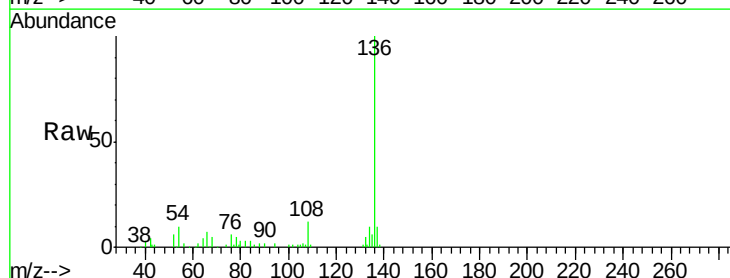
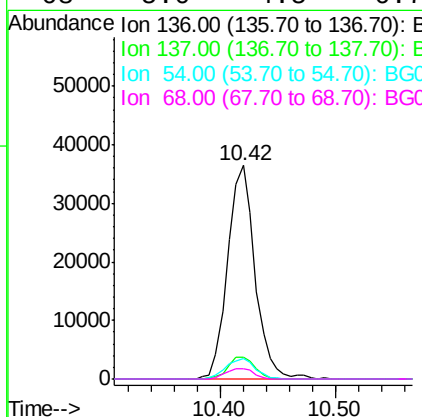
RT: 10.42 min Scan# 1316

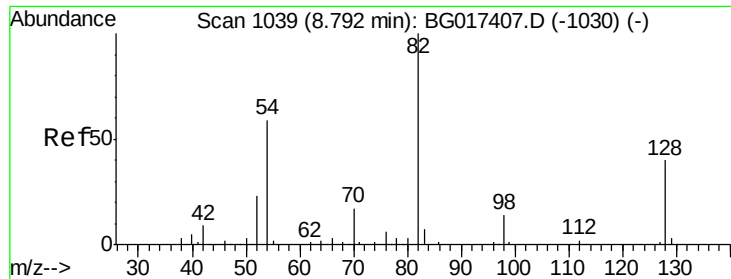
Delta R.T. -0.01 min

Lab File: BG017462.D

Acq: 5 Jun 2015 5:24

Tgt Ion:	136	Resp:	59852
Ion Ratio	Lower	Upper	
136	100		
137	10.5	7.9	11.9
54	9.6	7.2	10.8
68	5.0	4.5	6.7





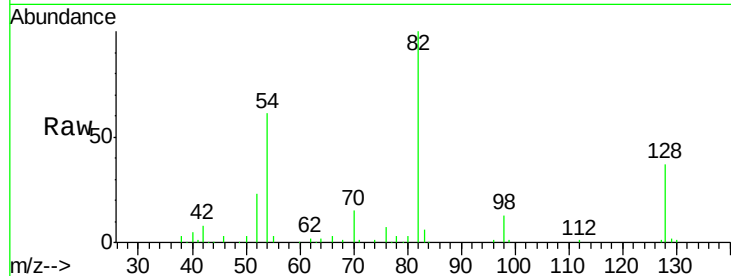
#23
 Nitrobenzene-d5
 Concen: 74.02 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BG017462.D
 Acq: 5 Jun 2015 5:24

Instrument :
 BNA_G
 ClientSampled :
 C-4

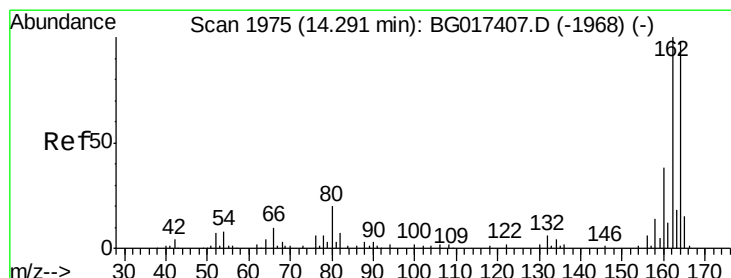
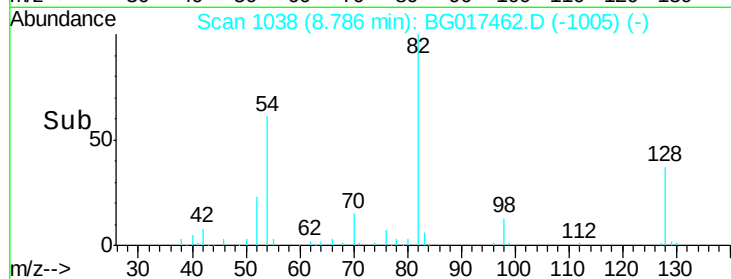
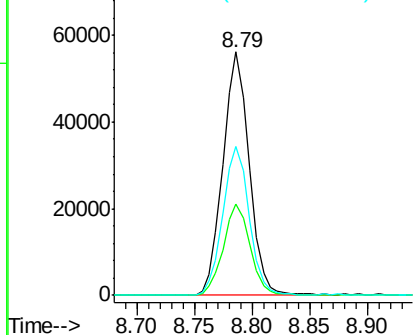
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	37.5	32.2	48.4
54	61.2	47.4	71.2

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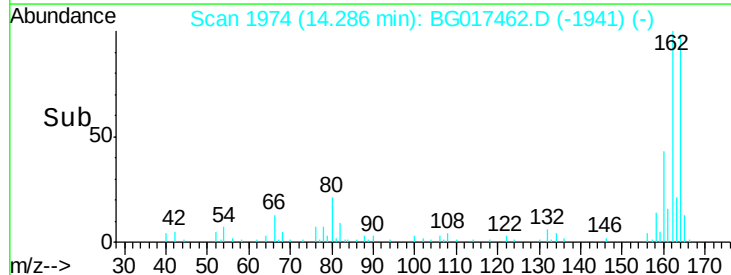
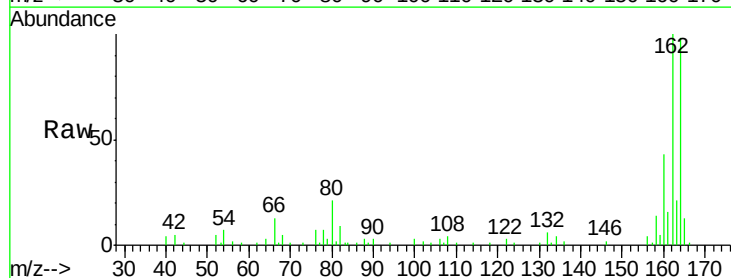
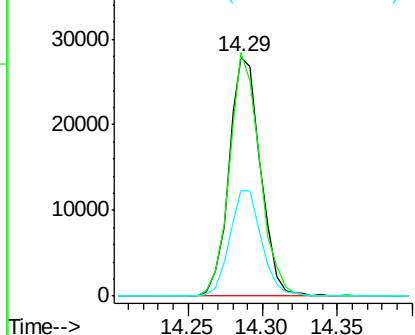
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

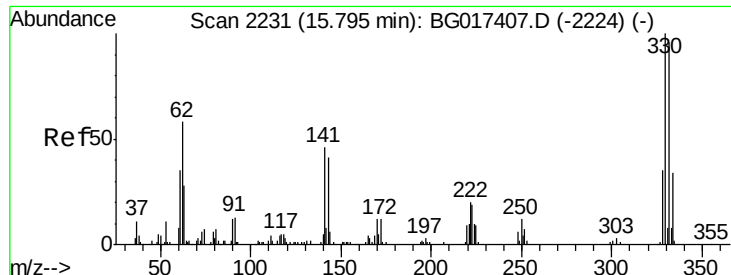


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BG017462.D
 Acq: 5 Jun 2015 5:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
162	102.0	81.8	122.6
160	44.3	31.0	46.4

Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC





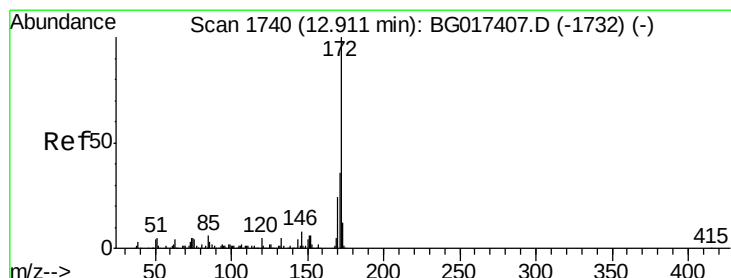
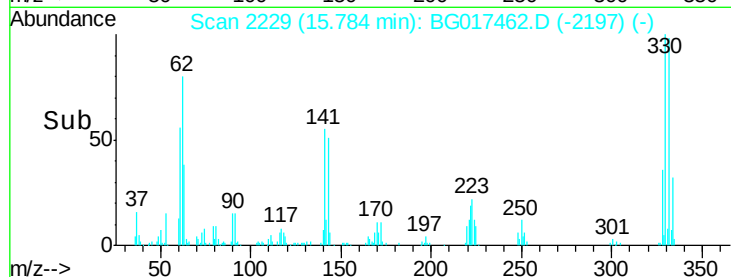
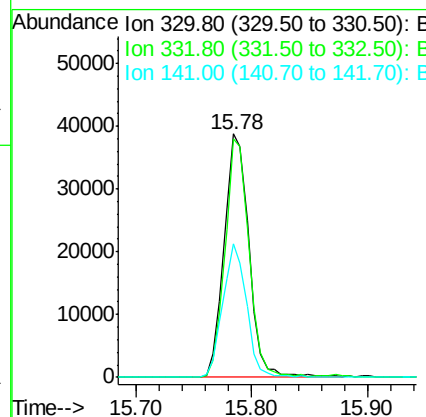
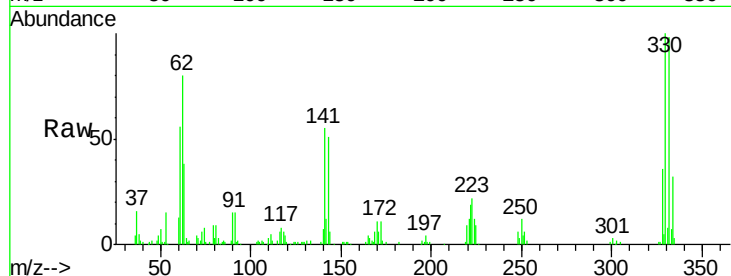
#41
 2,4,6-Tribromophenol
 Concen: 101.37 ng
 RT: 15.78 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG017462.D
 Acq: 5 Jun 2015 5:24

Instrument :
 BNA_G
 ClientSampled :
 C-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.6	75.9	113.9
141	52.2	40.2	60.4

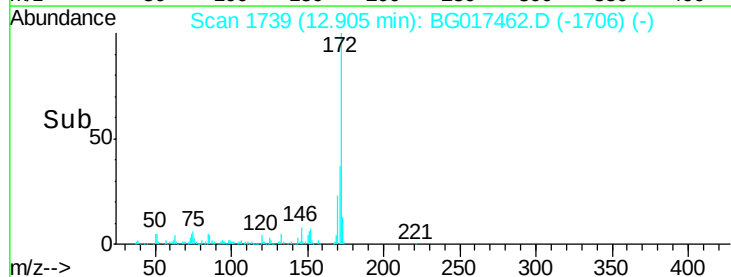
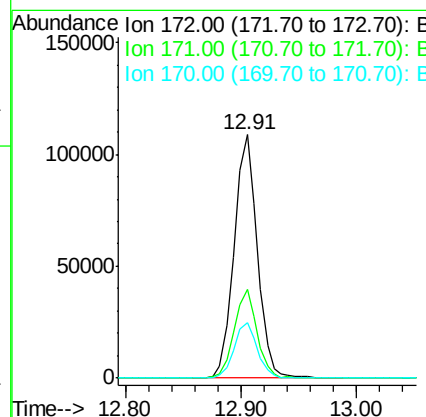
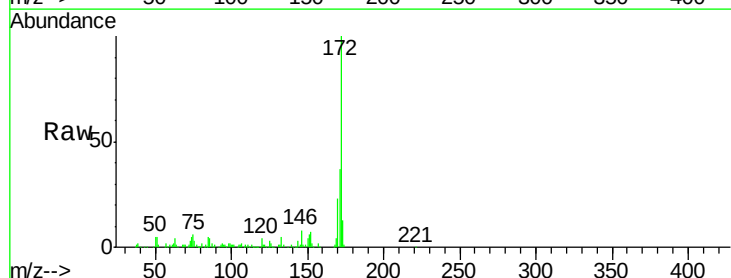
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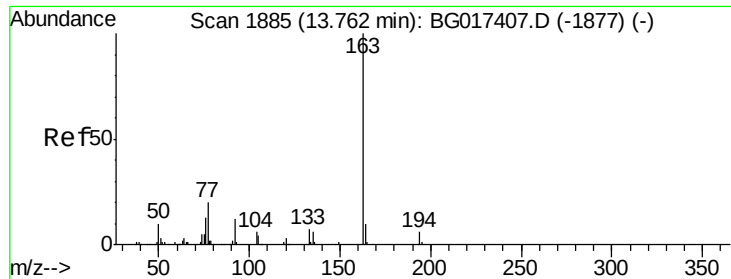
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#44
 2-Fluorobiphenyl
 Concen: 55.70 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG017462.D
 Acq: 5 Jun 2015 5:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.7	29.0	43.6
170	22.6	18.9	28.3





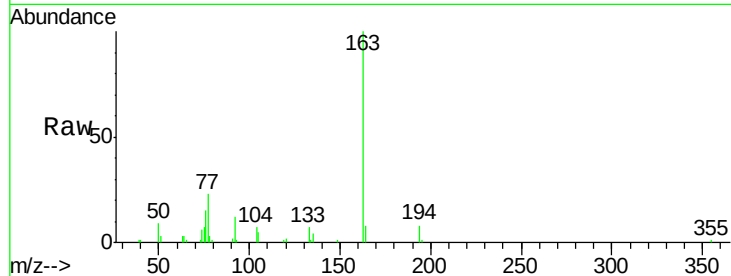
#49
Dimethylphthalate
Concen: 6.34 ng
RT: 13.75 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BG017462.D
Acq: 5 Jun 2015 5:24

Instrument :
BNA_G
ClientSampleId :
C-4

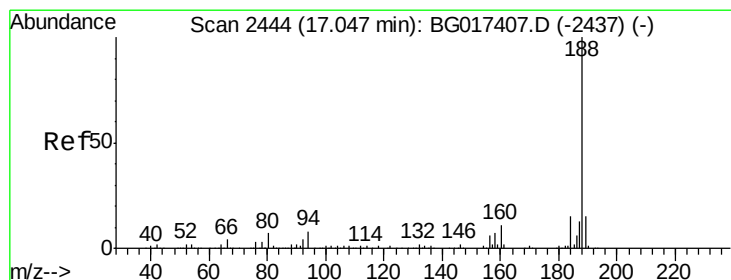
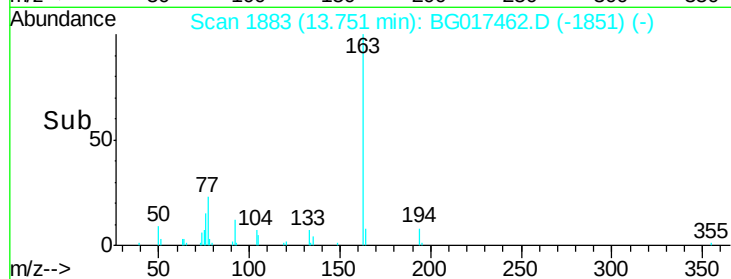
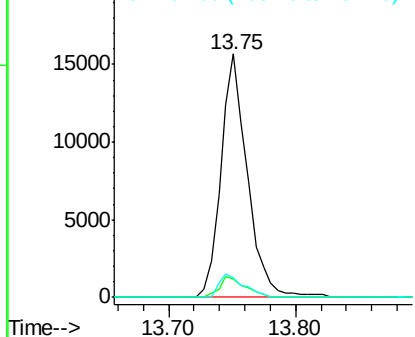
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	22615		
194	7.7	4.9	7.3#	
164	8.3	8.2	12.2	

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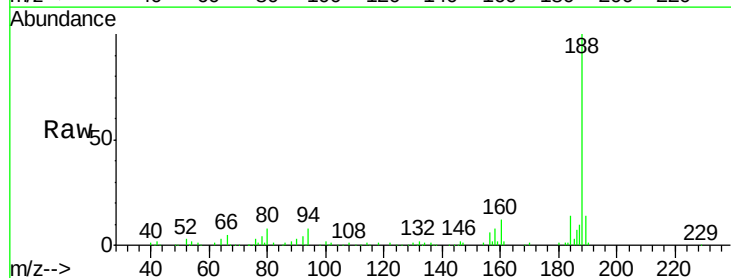


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

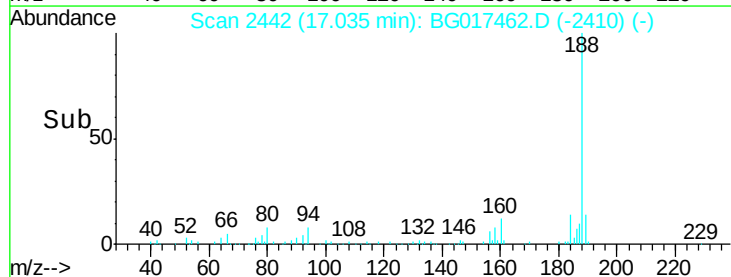
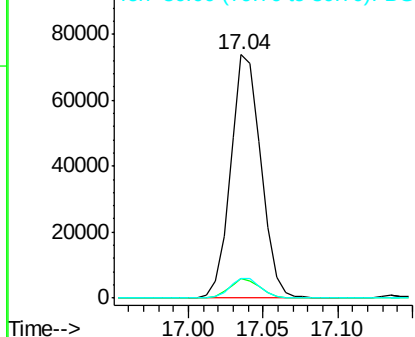


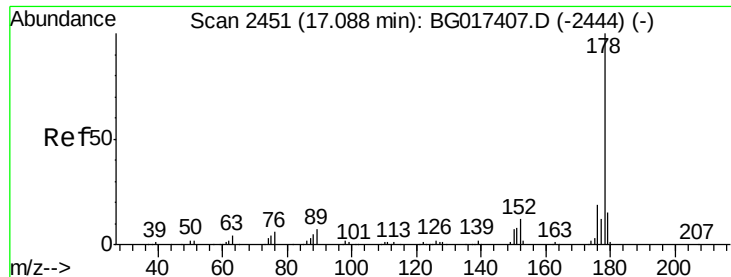
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG017462.D
Acq: 5 Jun 2015 5:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	104557		
94	8.1	6.3	9.5	
80	8.3	5.2	7.8#	



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: 2.20 ng

RT: 17.08 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG017462.D

Acq: 5 Jun 2015 5:24

Instrument :

BNA_G

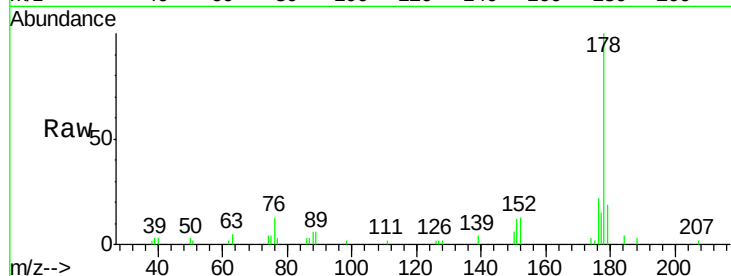
ClientSampleId :

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Tgt Ion:	178	Resp:	12844
Ion Ratio	Lower	Upper	
178	100		
176	21.5	15.6	23.4
179	19.0	12.2	18.2#

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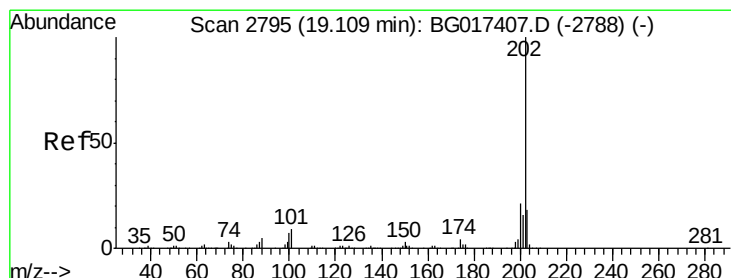
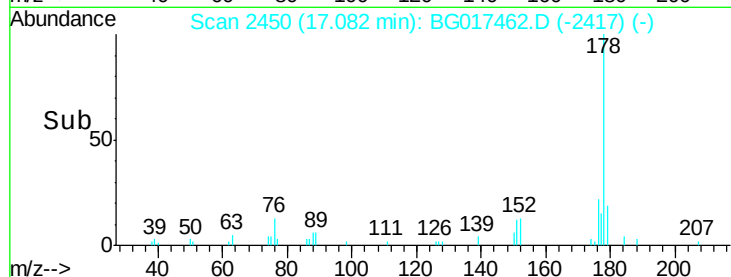
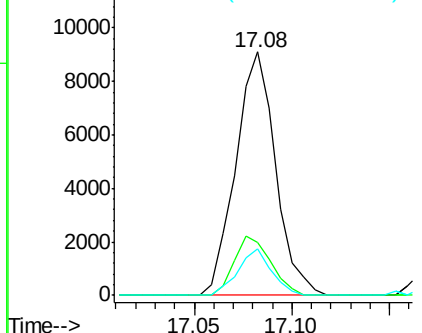
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.99 ng

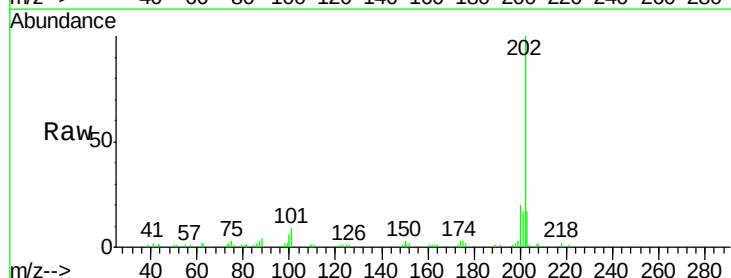
RT: 19.10 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG017462.D

Acq: 5 Jun 2015 5:24

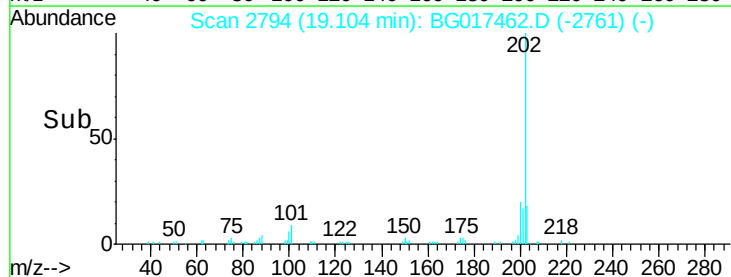
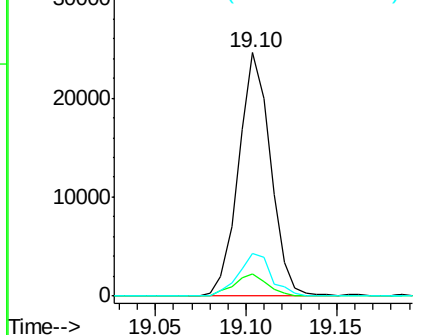
Tgt Ion:	202	Resp:	30416
Ion Ratio	Lower	Upper	
202	100		
101	9.2	0.0	28.8
203	17.4	0.0	37.6

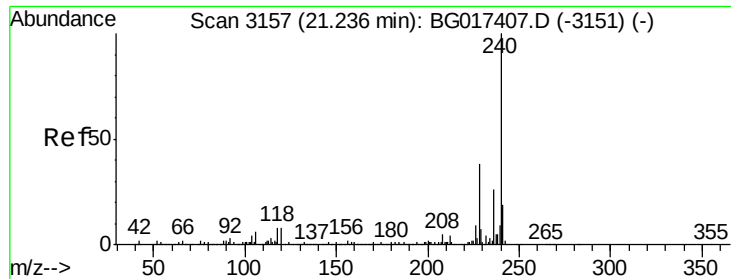


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG017462.D

Acq: 5 Jun 2015 5:24

Instrument :

BNA_G

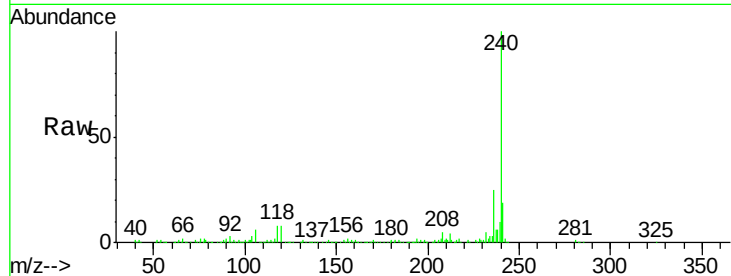
ClientSampled :

C-4

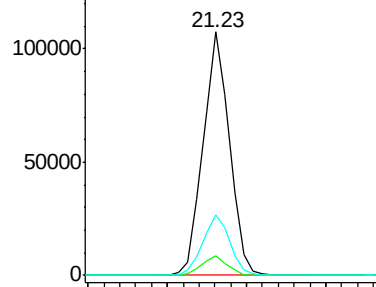
Tgt Ion:	240	Resp:	123578
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.5	9.7
236	24.6	20.8	31.2

Manual Integrations
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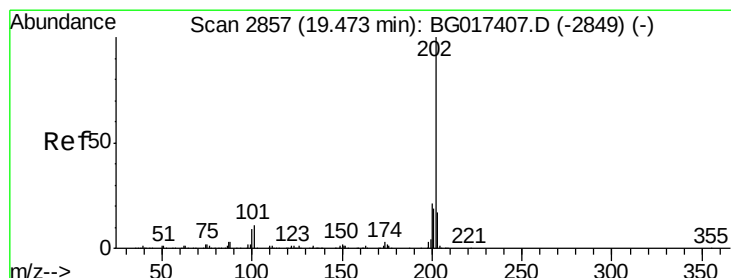
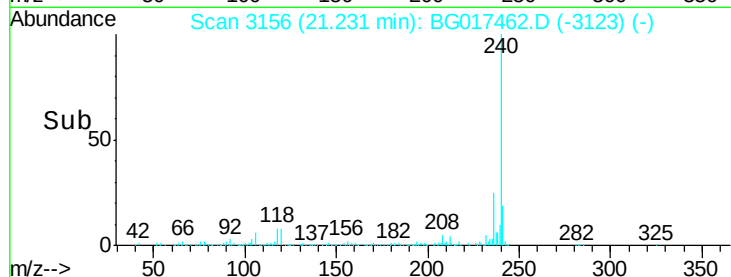
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.15 21.20 21.25 21.30



#77

Pyrene

Concen: 3.48 ng

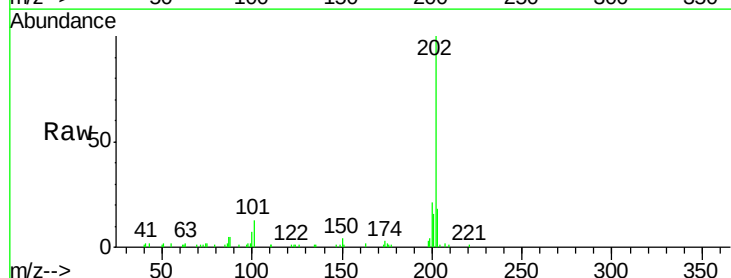
RT: 19.47 min Scan# 2856

Delta R.T. -0.01 min

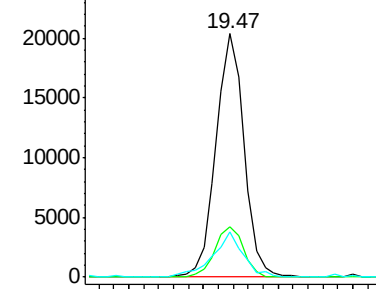
Lab File: BG017462.D

Acq: 5 Jun 2015 5:24

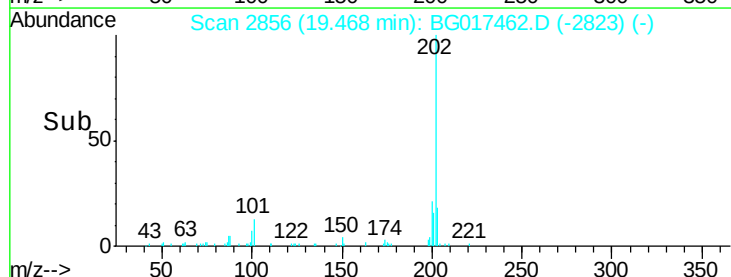
Tgt Ion:	202	Resp:	26467
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.4
203	18.4	13.9	20.9

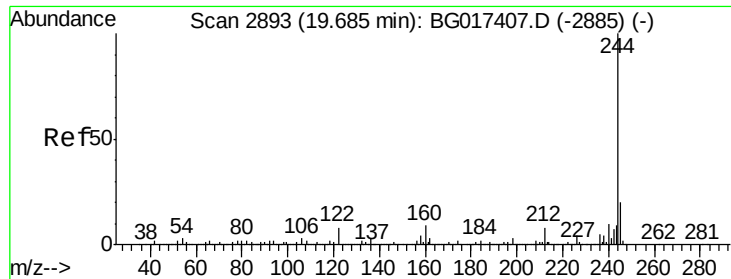


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.40 19.45 19.50 19.55





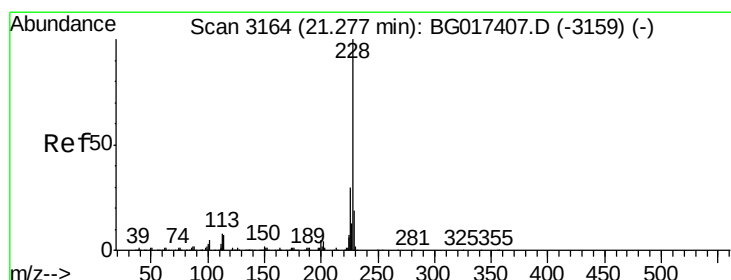
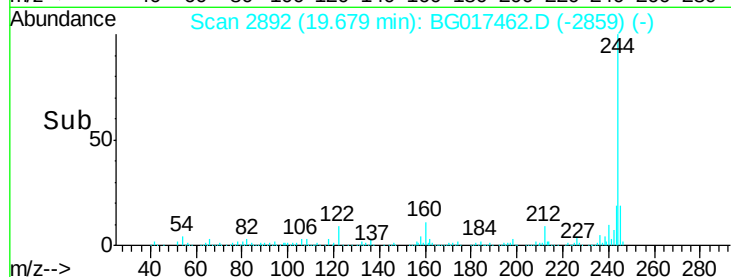
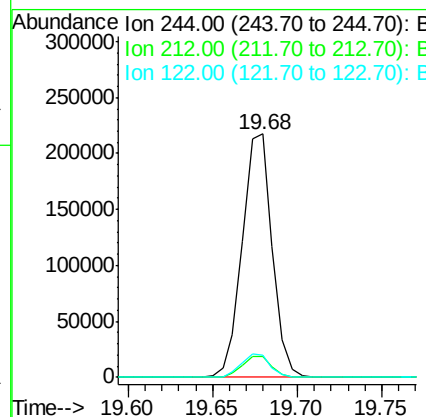
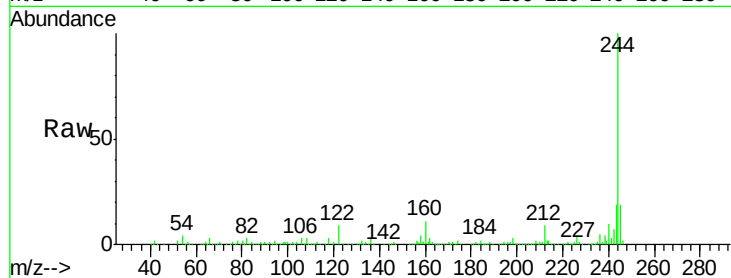
#78
 Terphenyl-d14
 Concen: 44.90 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BG017462.D
 Acq: 5 Jun 2015 5:24

Instrument :
 BNA_G
 ClientSampled :
 C-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.6	6.4	9.6
122	8.9	6.6	10.0

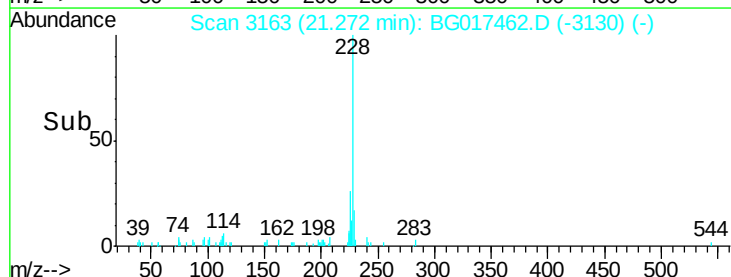
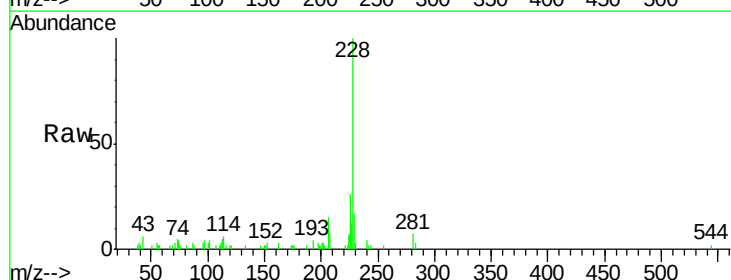
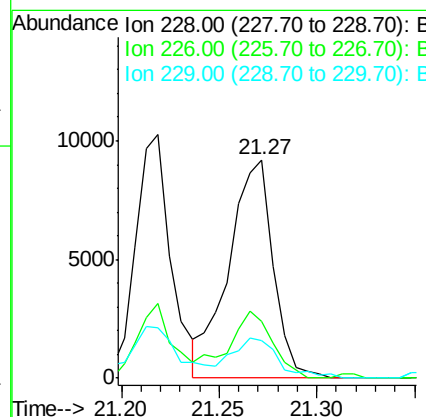
Manual Integrations
 APPROVED

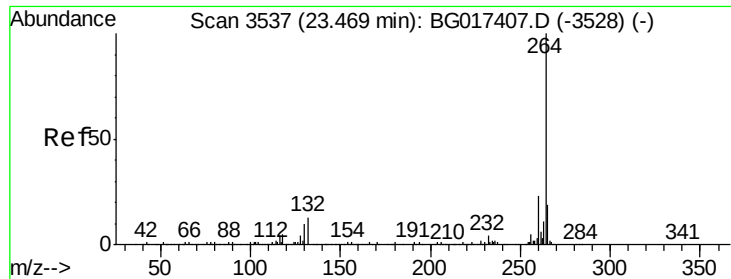
apatel
 6/5/2015 5:15:13 PM



#82
 Chrysene
 Concen: 2.12 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.01 min
 Lab File: BG017462.D
 Acq: 5 Jun 2015 5:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.0	23.7	35.5
229	17.3	15.2	22.8





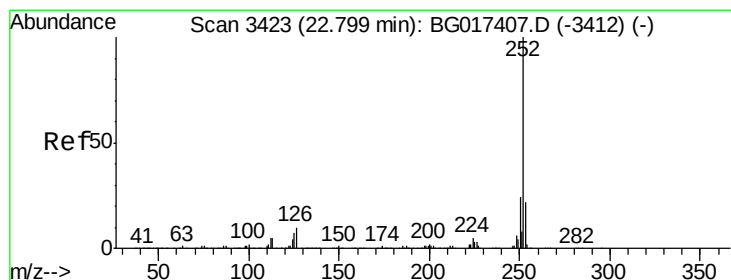
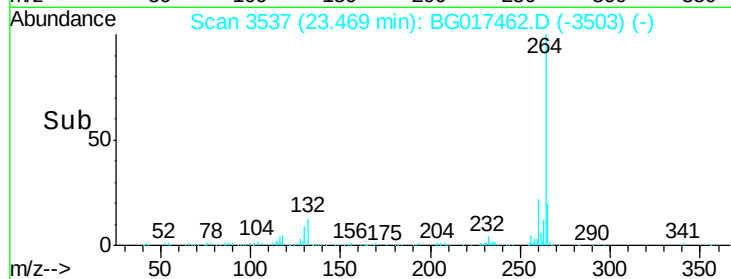
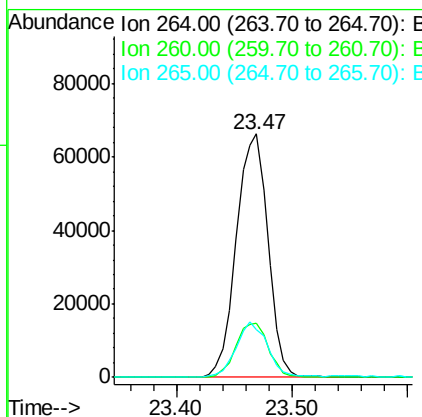
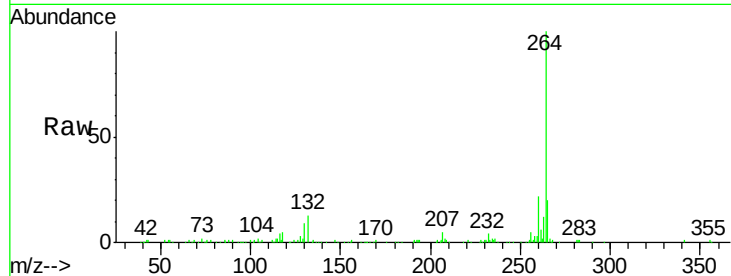
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BG017462.D
Acq: 5 Jun 2015 5:24

Instrument :
BNA_G
ClientSampleId :
C-4

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.3	18.2	27.4
265	19.9	15.8	23.6

Manual Integrations
APPROVED

apatel
6/5/2015 5:15:13 PM



#87
Benzo(b)fluoranthene
Concen: 2.02 ng m
RT: 22.79 min Scan# 3422
Delta R.T. -0.01 min
Lab File: BG017462.D
Acq: 5 Jun 2015 5:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.4	26.2
125	7.0	5.8	8.8

