

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
 Data File : BG017534.D
 Acq On : 7 Jun 2015 14:34
 Operator : TP/IZ
 Sample : G2457-05 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Manual Integrations
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Quant Time: Jun 08 08:21:04 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	24394	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	94631	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	56702	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	116862	20.00	ng	0.00
75) Chrysene-d12	21.24	240	132387	20.00	ng	0.00
86) Perylene-d12	23.48	264	133571	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	14361	10.37	ng	0.00
7) Phenol-d6	6.84	99	16868	8.94	ng	0.00
23) Nitrobenzene-d5	8.79	82	12528	6.61	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	6250	7.94	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	25905	6.89	ng	0.00
78) Terphenyl-d14	19.68	244	33212	5.19	ng	0.00
Target Compounds						
70) Phenanthrene	17.09	178	15490	2.38	ng	Qvalue 95
74) Fluoranthene	19.11	202	28325	3.32	ng	92
77) Pyrene	19.47	202	29955	3.67	ng	95
80) Benzo(a)anthracene	21.23	228	16764	2.06	ng	# 87
83) Bis(2-ethylhexyl)phthalate	21.17	149	1599288	314.24	ng	# 81
87) Benzo(b)fluoranthene	22.81	252	19704m	2.33	ng	

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

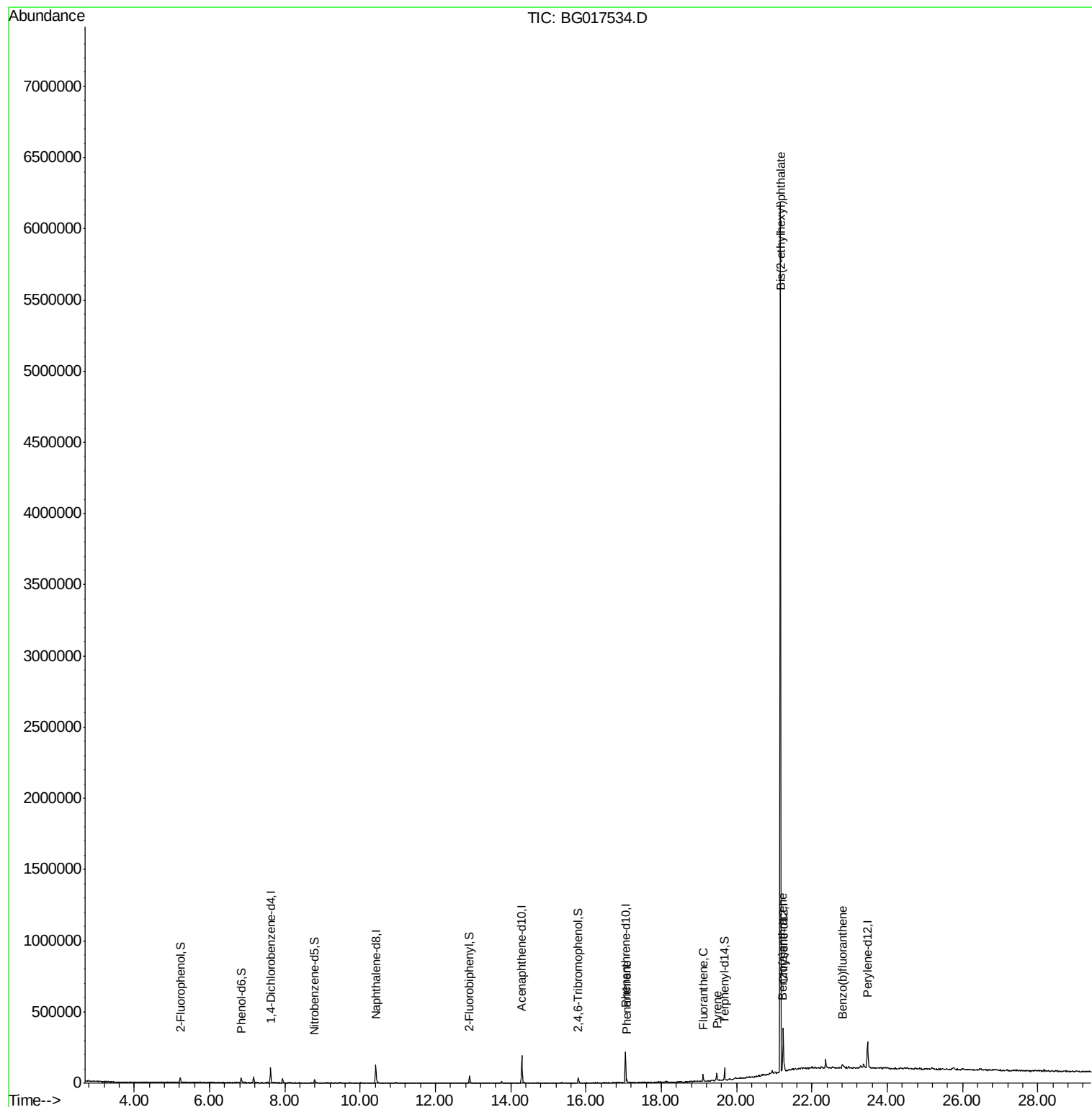
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060615\
Data File : BG017534.D
Acq On : 7 Jun 2015 14:34
Operator : TP/IZ
Sample : G2457-05 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

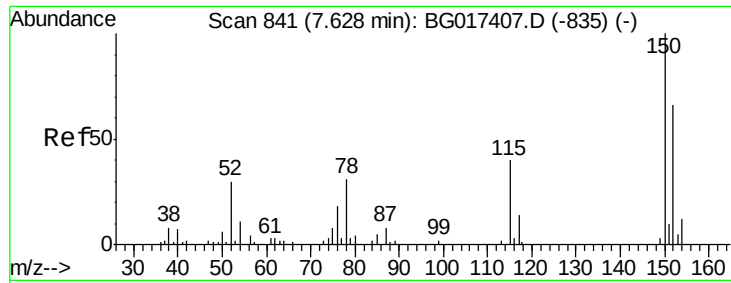
Instrument :
BNA_G
ClientSampled :
SP-3

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Quant Time: Jun 08 08:21:04 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

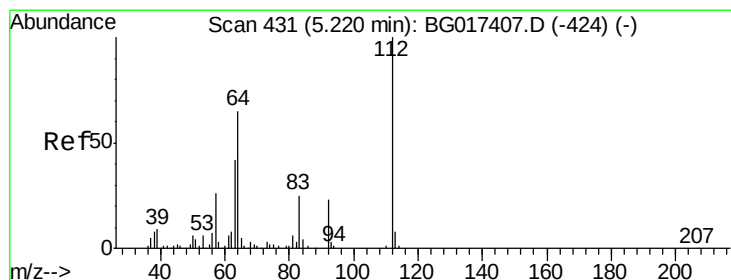
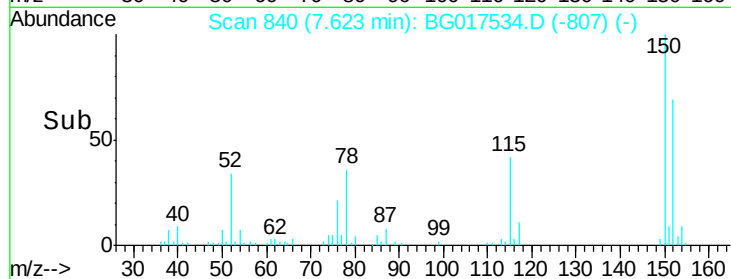
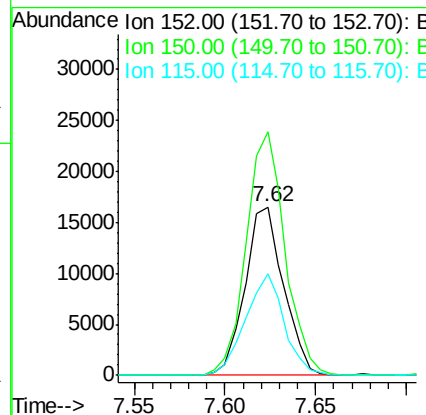
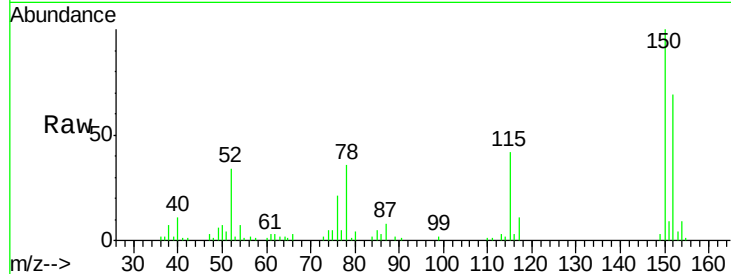
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.62 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG017534.D
Acq: 7 Jun 2015 14:34

Instrument :
BNA_G
ClientSampleId :
SP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	121.7	182.5
115	60.2	48.6	73.0

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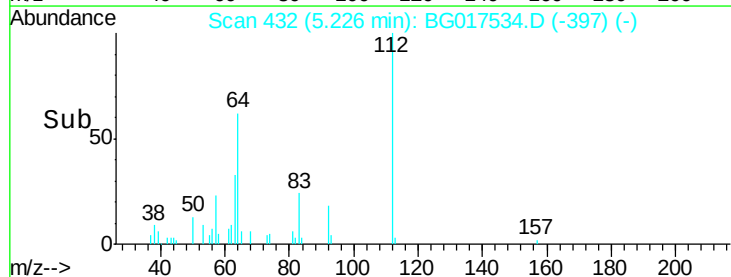
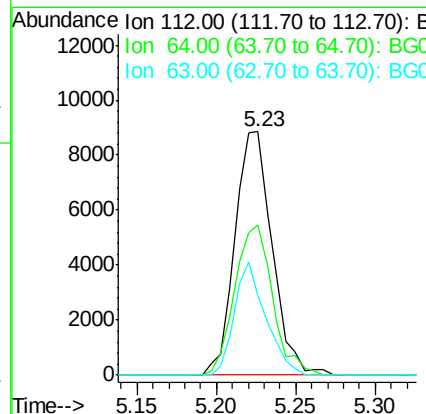
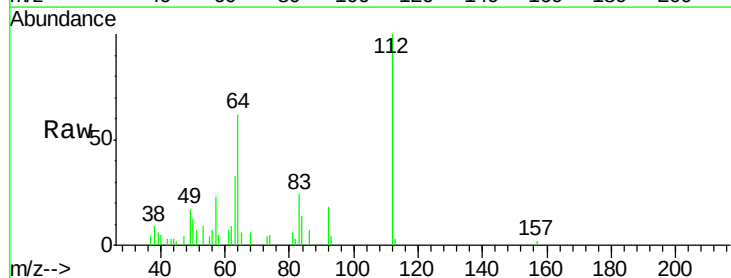
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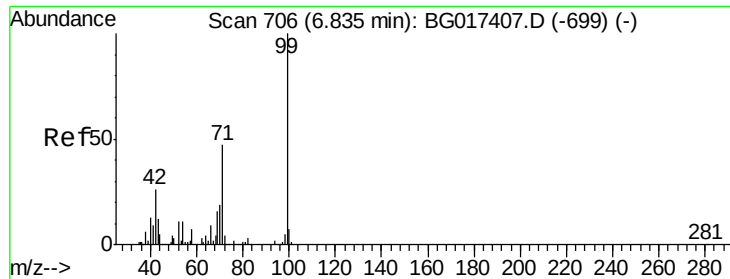


#5

2-Fluorophenol
Concen: 10.37 ng
RT: 5.23 min Scan# 432
Delta R.T. 0.01 min
Lab File: BG017534.D
Acq: 7 Jun 2015 14:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	51.6	77.4
63	32.6	33.3	49.9





#7

Phenol-d6

Concen: 8.94 ng

RT: 6.84 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG017534.D

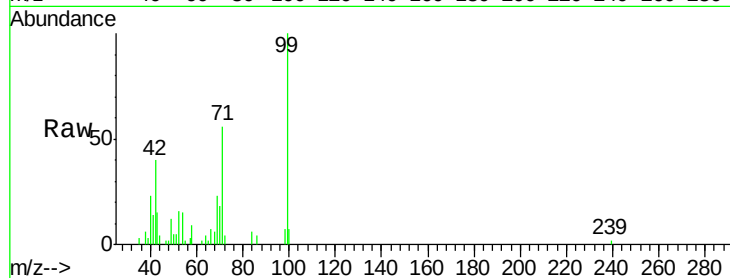
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Instrument :

BNA_G

ClientSampleId :

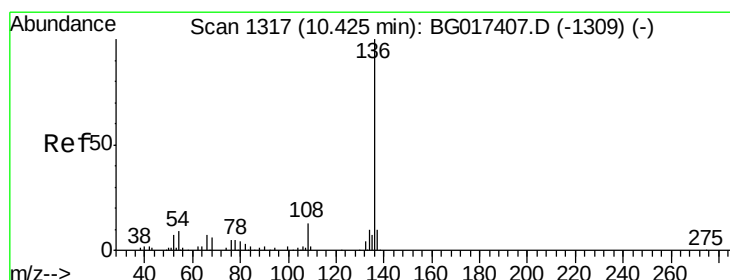
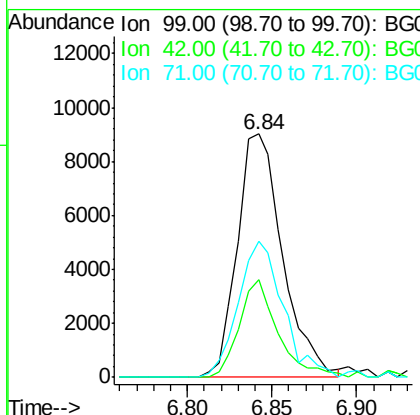
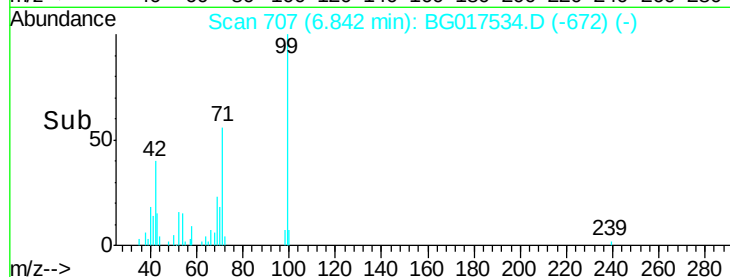
SP-3



Tgt Ion:	99	Resp:	16868
Ion Ratio	Lower	Upper	
99	100		
42	40.1	21.0	31.6#
71	55.8	37.2	55.8

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#21

Naphthalene-d8

Concen: 20.00 ng

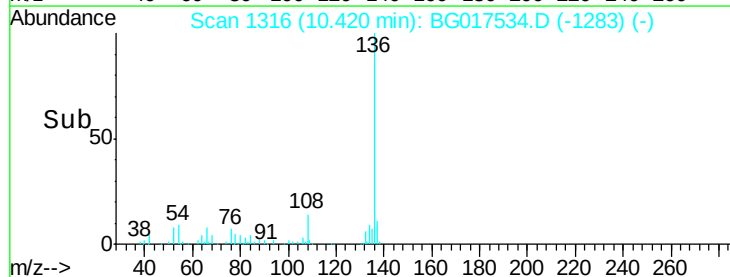
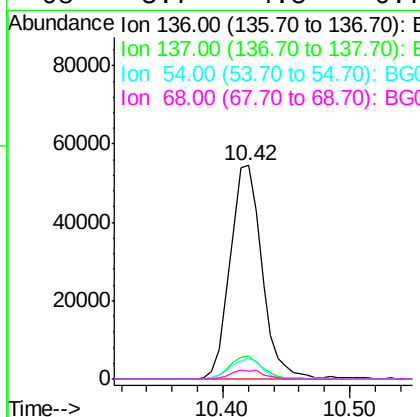
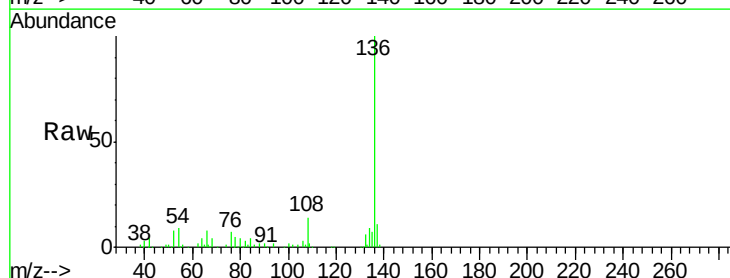
RT: 10.42 min Scan# 1316

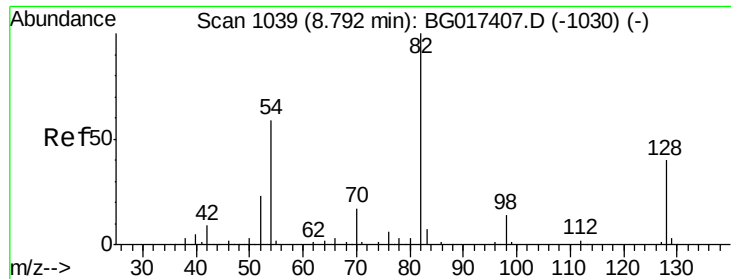
Delta R.T. -0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Tgt Ion:	136	Resp:	94631
Ion Ratio	Lower	Upper	
136	100		
137	10.7	7.9	11.9
54	9.3	7.2	10.8
68	3.7	4.5	6.7#





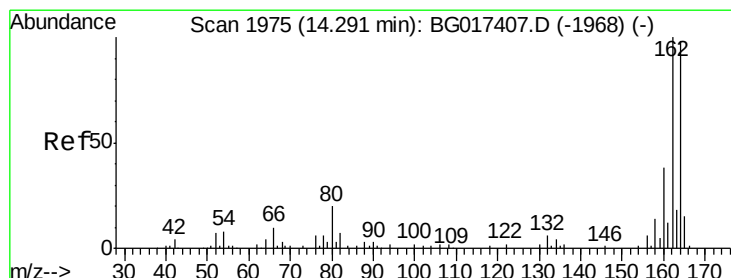
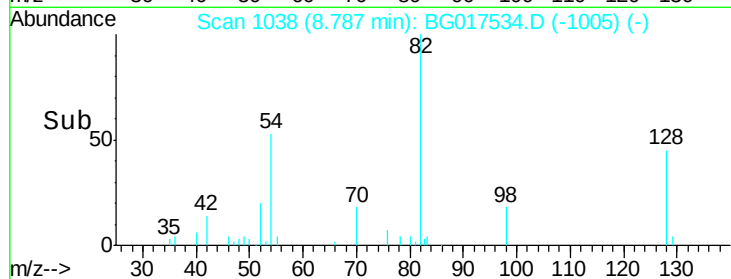
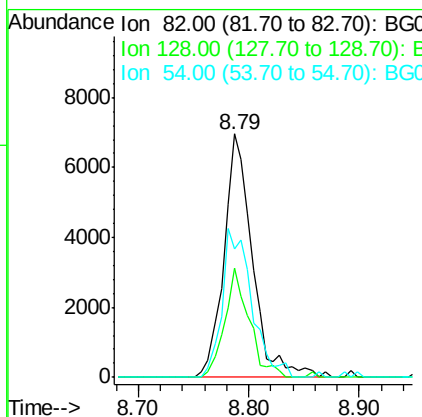
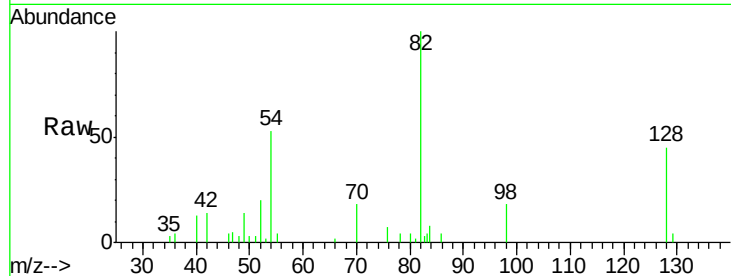
#23
 Nitrobenzene-d5
 Concen: 6.61 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampled :
 SP-3

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	12528		
128	44.8	32.2	48.4	
54	52.7	47.4	71.2	

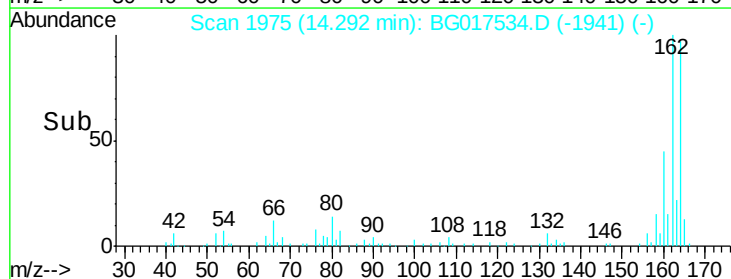
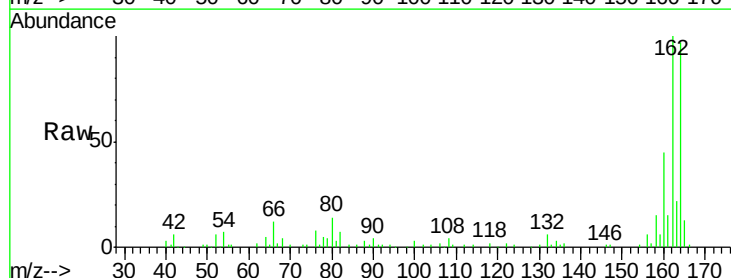
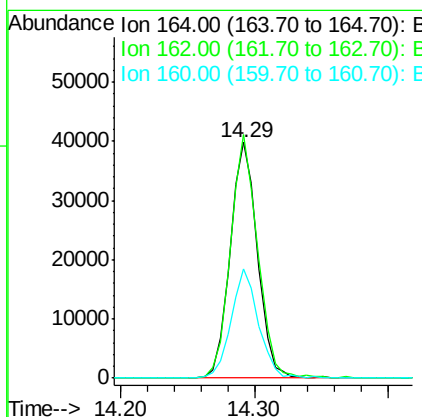
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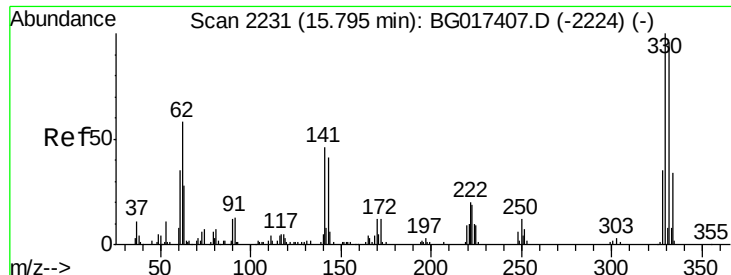
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56702		
162	103.4	81.8	122.6	
160	46.6	31.0	46.4	





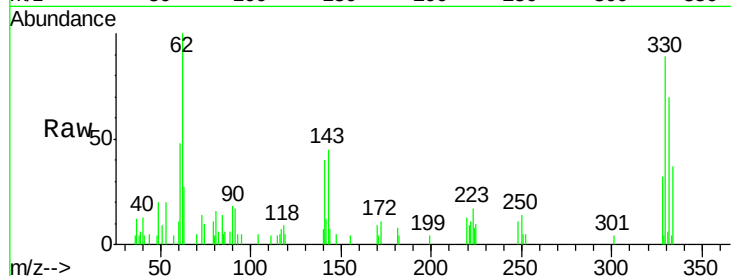
#41
 2,4,6-Tribromophenol
 Concen: 7.94 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampled :
 SP-3

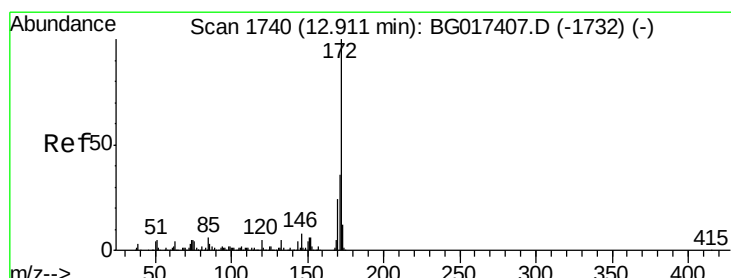
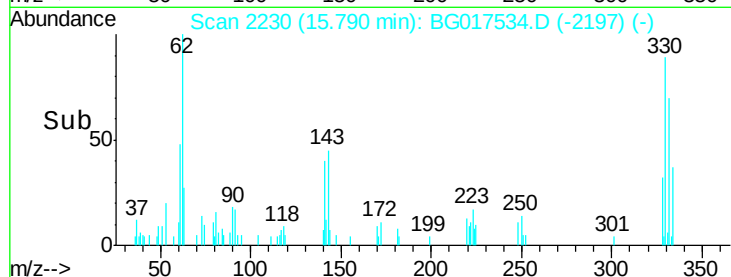
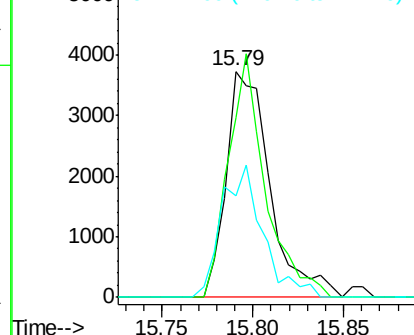
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	6250		
332	91.5	75.9	113.9	
141	55.0	40.2	60.4	

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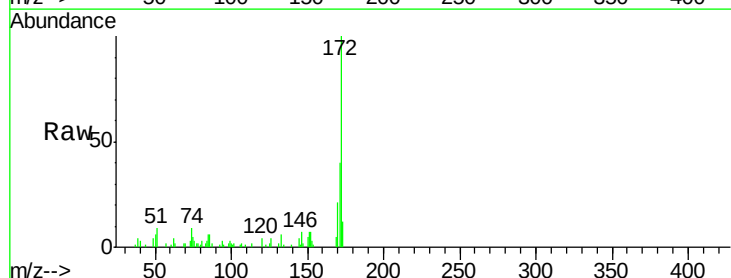


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

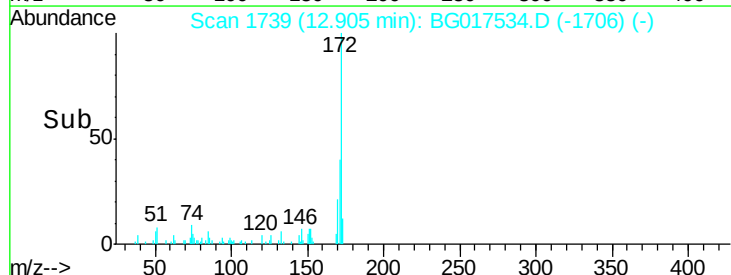
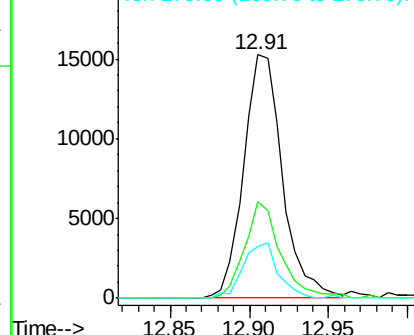


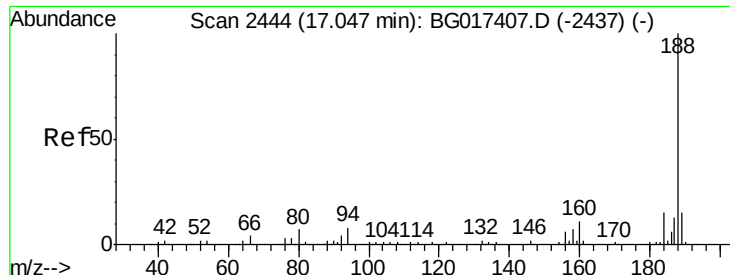
#44
 2-Fluorobiphenyl
 Concen: 6.89 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	25905		
171	39.8	29.0	43.6	
170	21.1	18.9	28.3	



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





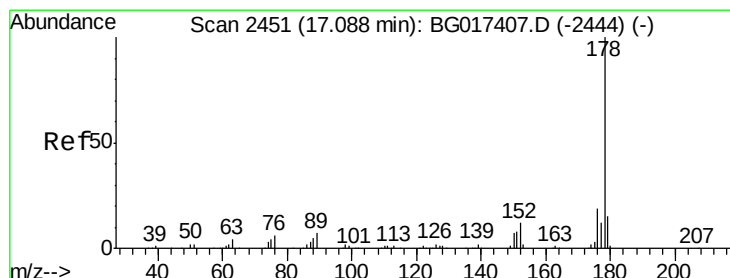
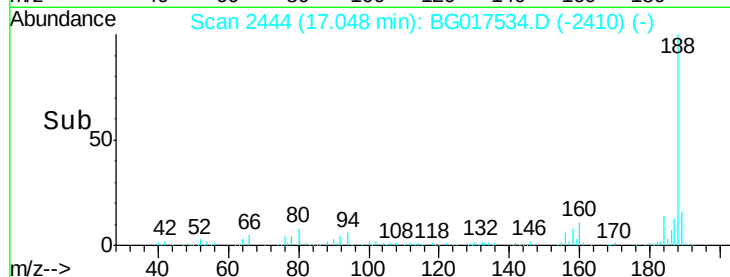
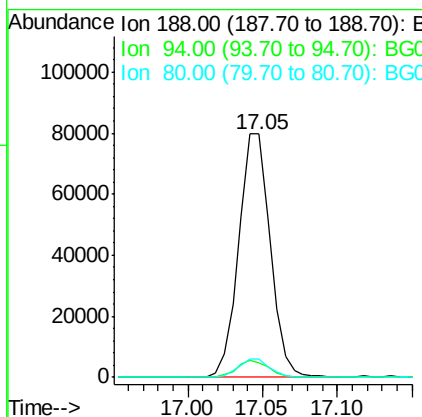
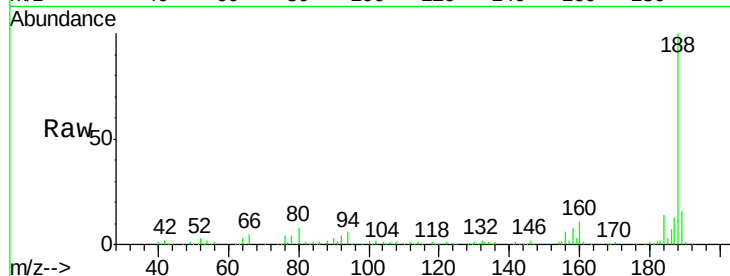
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.05 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampled :
 SP-3

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.0	6.3	9.5#
80	7.7	5.2	7.8

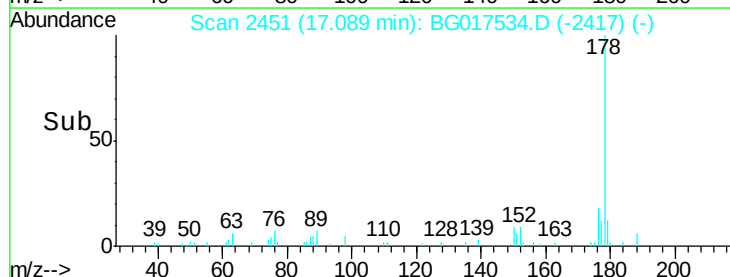
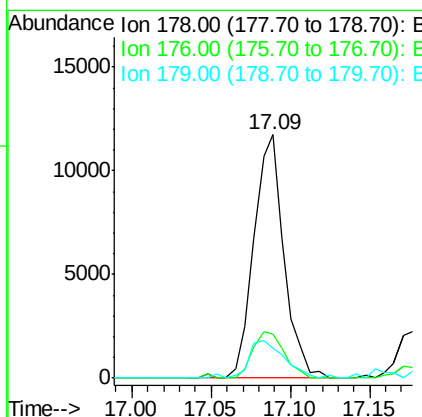
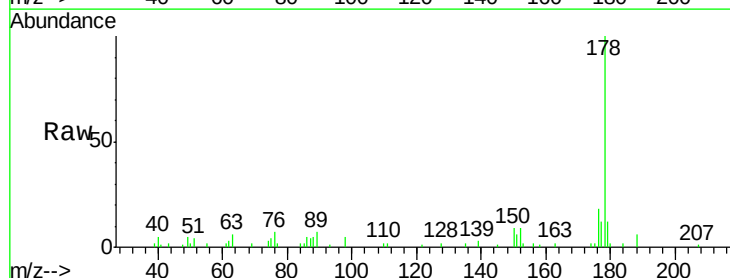
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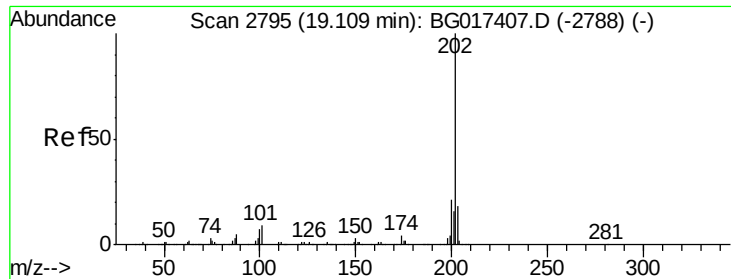
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#70
 Phenanthrene
 Concen: 2.38 ng
 RT: 17.09 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.6	23.4
179	12.2	12.2	18.2





#74

Fluoranthene

Concen: 3.32 ng

RT: 19.11 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG017534.D

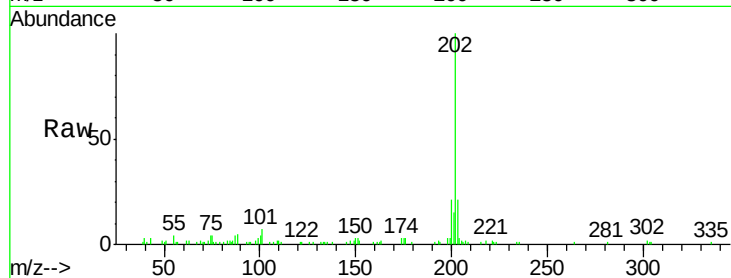
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Instrument :

BNA_G

ClientSampled :

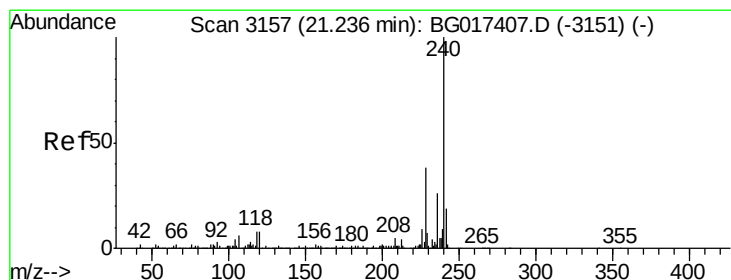
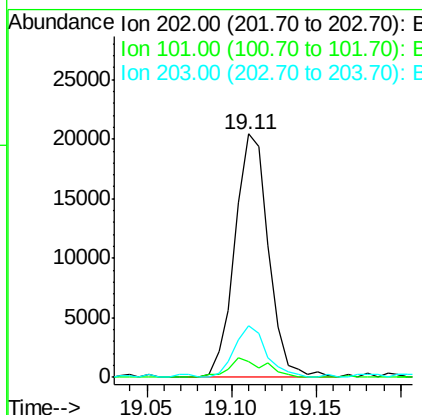
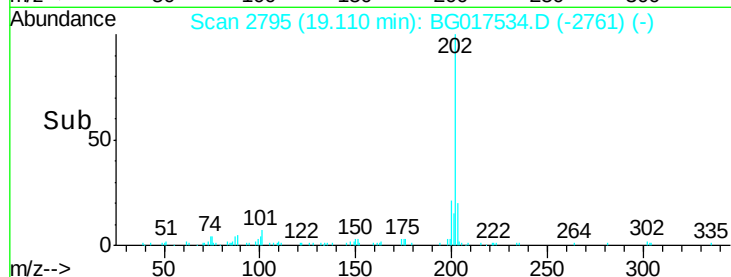
SP-3



Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		28325		
101	6.6	0.0	28.8		
203	21.4	0.0	37.6		

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#75

Chrysene-d12

Concen: 20.00 ng

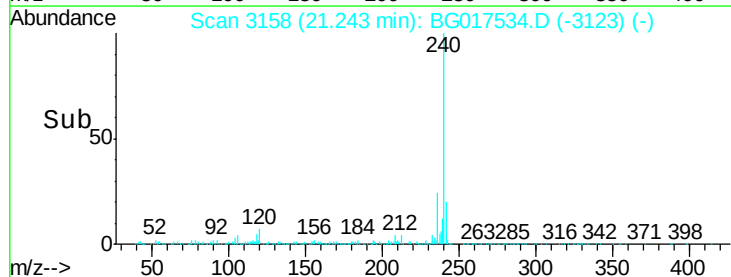
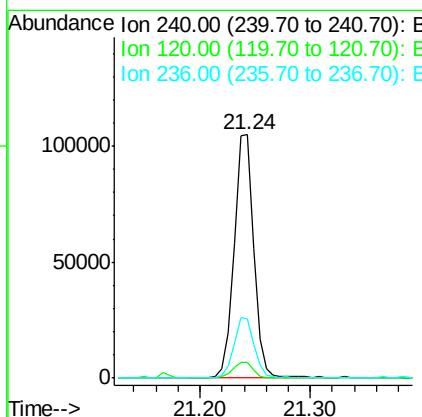
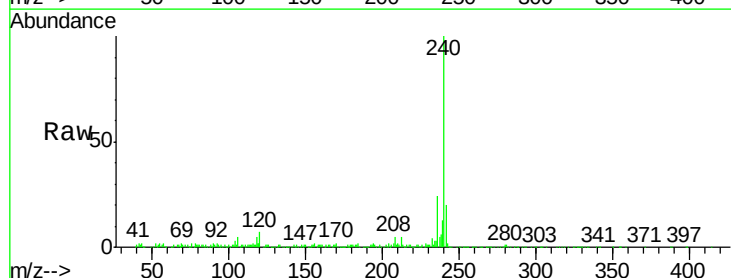
RT: 21.24 min Scan# 3158

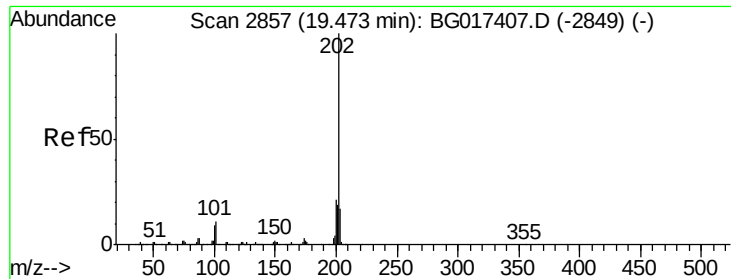
Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		132387		
120	6.7	6.5	9.7		
236	24.3	20.8	31.2		





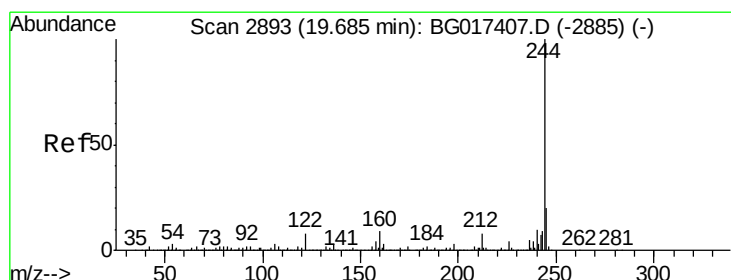
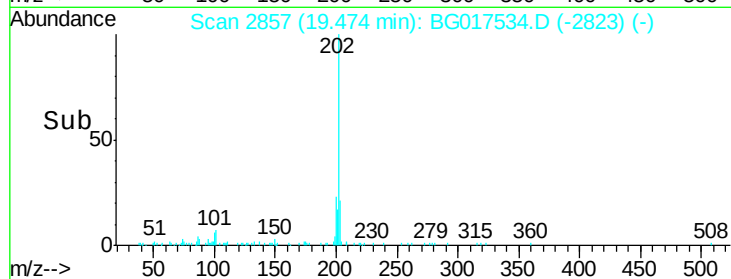
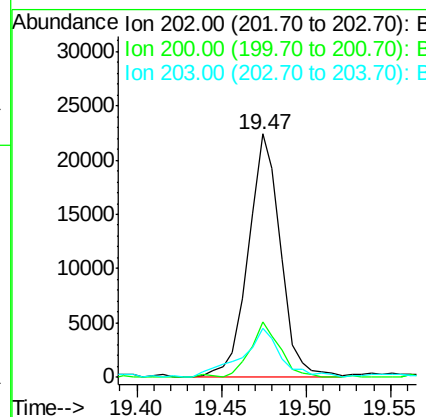
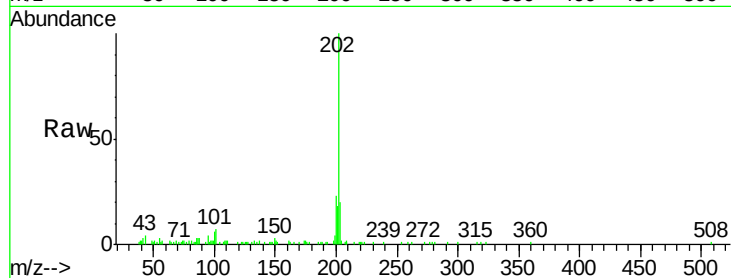
#77
 Pyrene
 Concen: 3.67 ng
 RT: 19.47 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Instrument :
 BNA_G
 ClientSampleId :
 SP-3

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.9	17.0	25.4
203	20.2	13.9	20.9

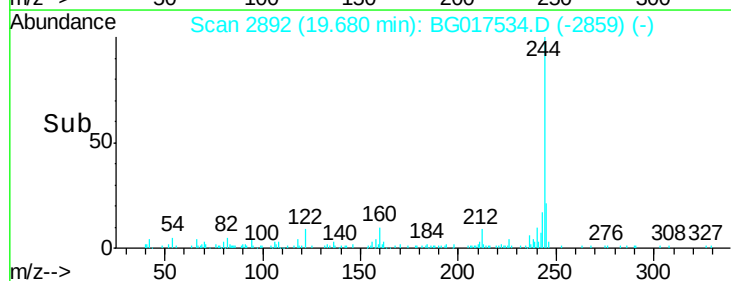
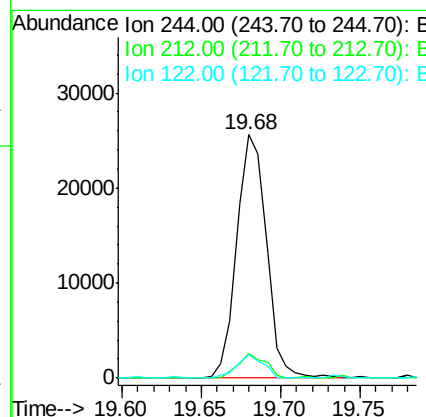
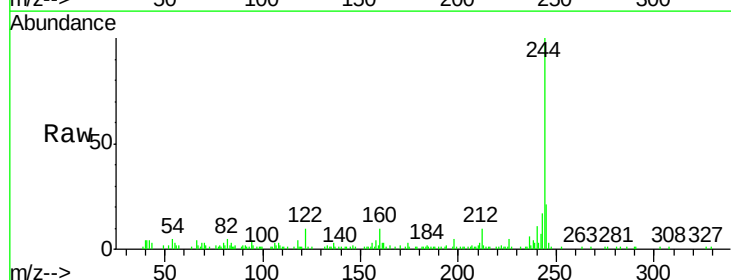
Manual Integrations
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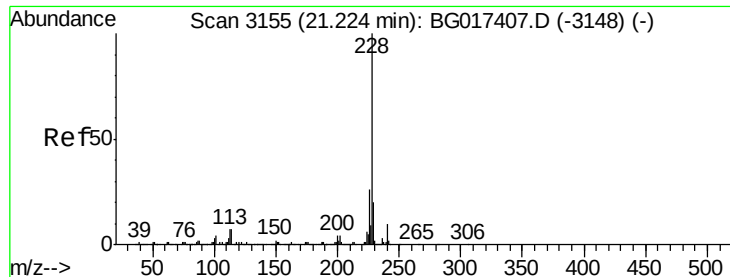
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#78
 Terphenyl-d14
 Concen: 5.19 ng
 RT: 19.68 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BG017534.D
 Acq: 7 Jun 2015 14:34

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	10.1	6.4	9.6#
122	9.7	6.6	10.0





#80

Benzo(a)anthracene

Concen: 2.06 ng

RT: 21.23 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Instrument :

BNA_G

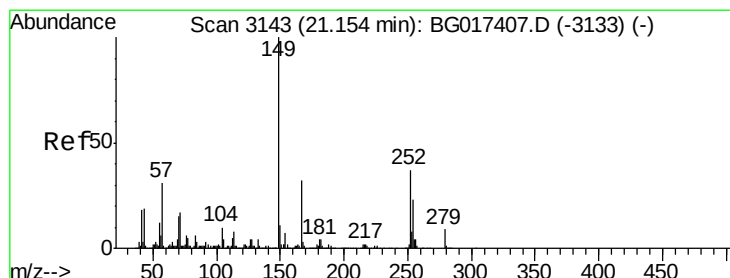
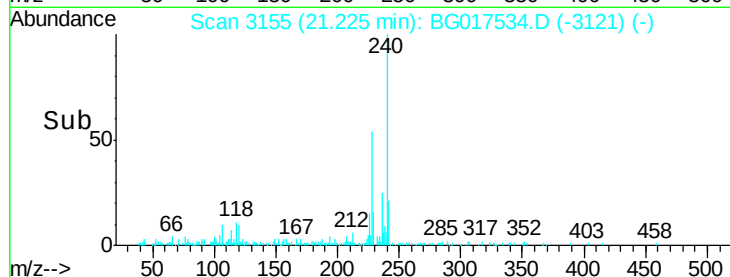
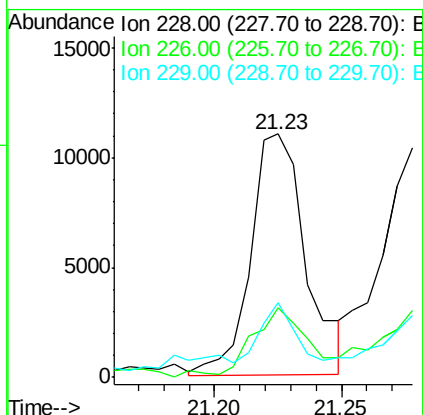
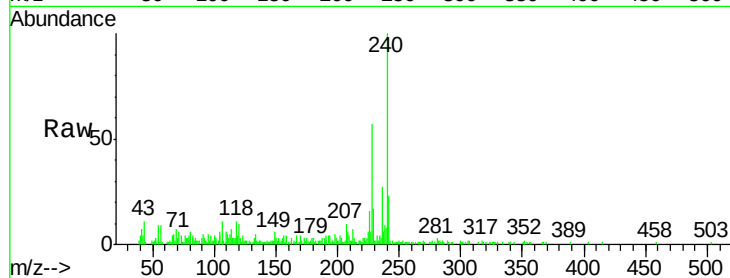
ClientSampled :

SP-3

Tgt Ion:	228	Resp:	16764
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.0	31.6
229	30.8	15.7	23.5#

Manual Integrations
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6/8/2015 6:01:10 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 314.24 ng

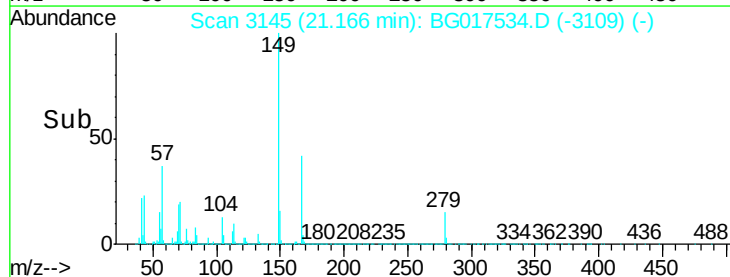
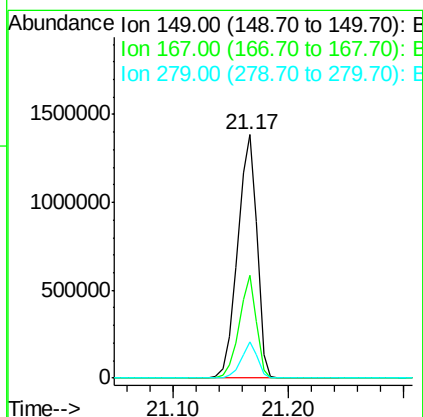
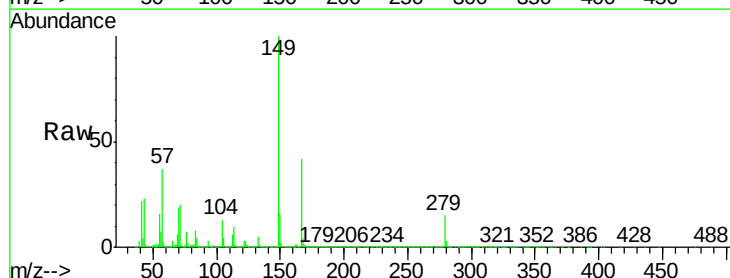
RT: 21.17 min Scan# 3145

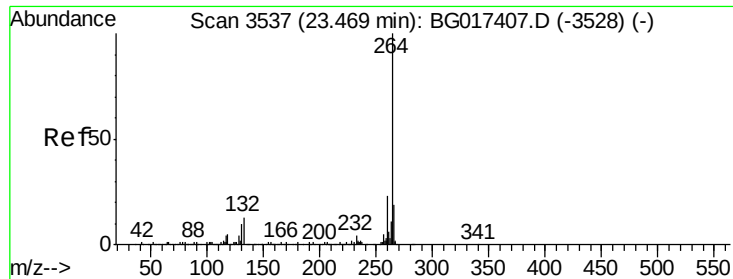
Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Tgt Ion:	149	Resp:	1599288
Ion Ratio	Lower	Upper	
149	100		
167	42.5	25.4	38.2#
279	14.8	7.1	10.7#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.48 min Scan# 3539

Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Instrument :

BNA_G

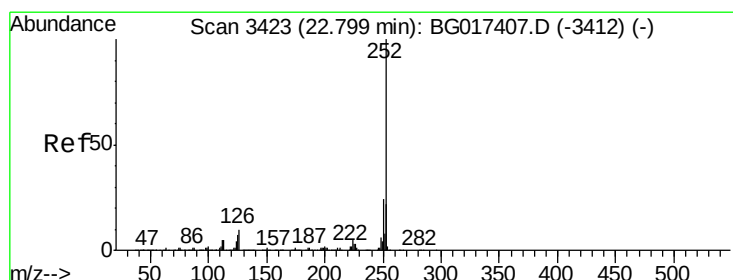
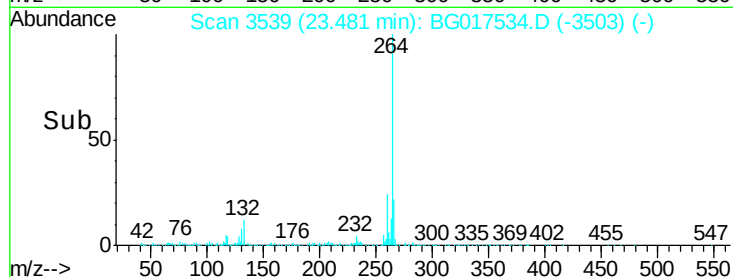
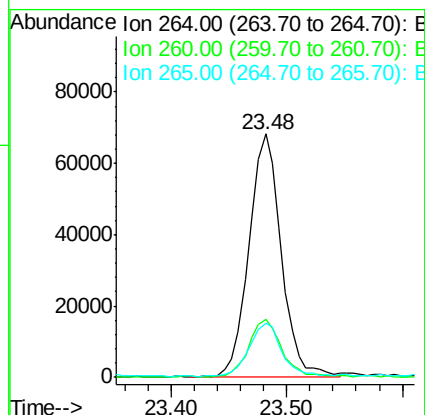
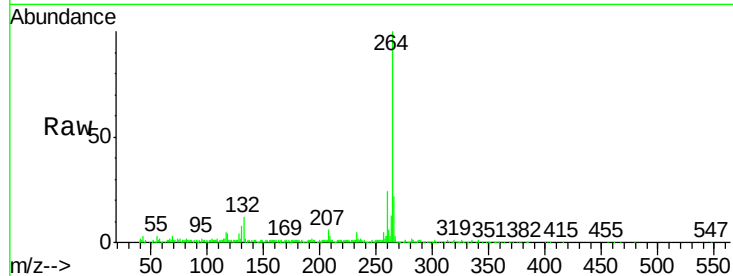
ClientSampleId :

SP-3

Tgt Ion:	264	Resp:	133571
Ion Ratio		Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.4	15.8	23.6

Manual Integrations
APPROVED

apatel
6/8/2015 6:01:10 PM



#87

Benzo(b)fluoranthene

Concen: 2.33 ng m

RT: 22.81 min Scan# 3424

Delta R.T. 0.01 min

Lab File: BG017534.D

Acq: 7 Jun 2015 14:34

Tgt Ion:	252	Resp:	19704
Ion Ratio		Lower	Upper
252	100		
253	19.5	17.4	26.2
125	12.0	5.8	8.8#

