

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016821.D
 Acq On : 30 Apr 2015 6:06
 Operator : TP/IZ
 Sample : G2031-07 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB7

Manual Integrations
 APPROVED

apatel
 5/1/2015 8:58:14 AM

Quant Time: Apr 30 07:36:28 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 02:30:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	60271	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	270567	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	151979	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	277259	20.00	ng	0.00
75) Chrysene-d12	21.15	240	236017	20.00	ng	0.00
86) Perylene-d12	23.35	264	232666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	67548	20.64	ng	0.00
7) Phenol-d6	6.77	99	93029	20.26	ng	0.00
23) Nitrobenzene-d5	8.73	82	45894	11.05	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	18166	16.05	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	115908	11.81	ng	0.00
78) Terphenyl-d14	19.60	244	119421	12.20	ng	0.00
Target Compounds						
74) Fluoranthene	19.03	202	38743	2.40	ng	99
77) Pyrene	19.40	202	41623	2.70	ng	98
83) Bis(2-ethylhexyl)phthalate	21.07	149	22861	2.11	ng	100
87) Benzo(b)fluoranthene	22.69	252	28784	2.17	ng	# 77

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

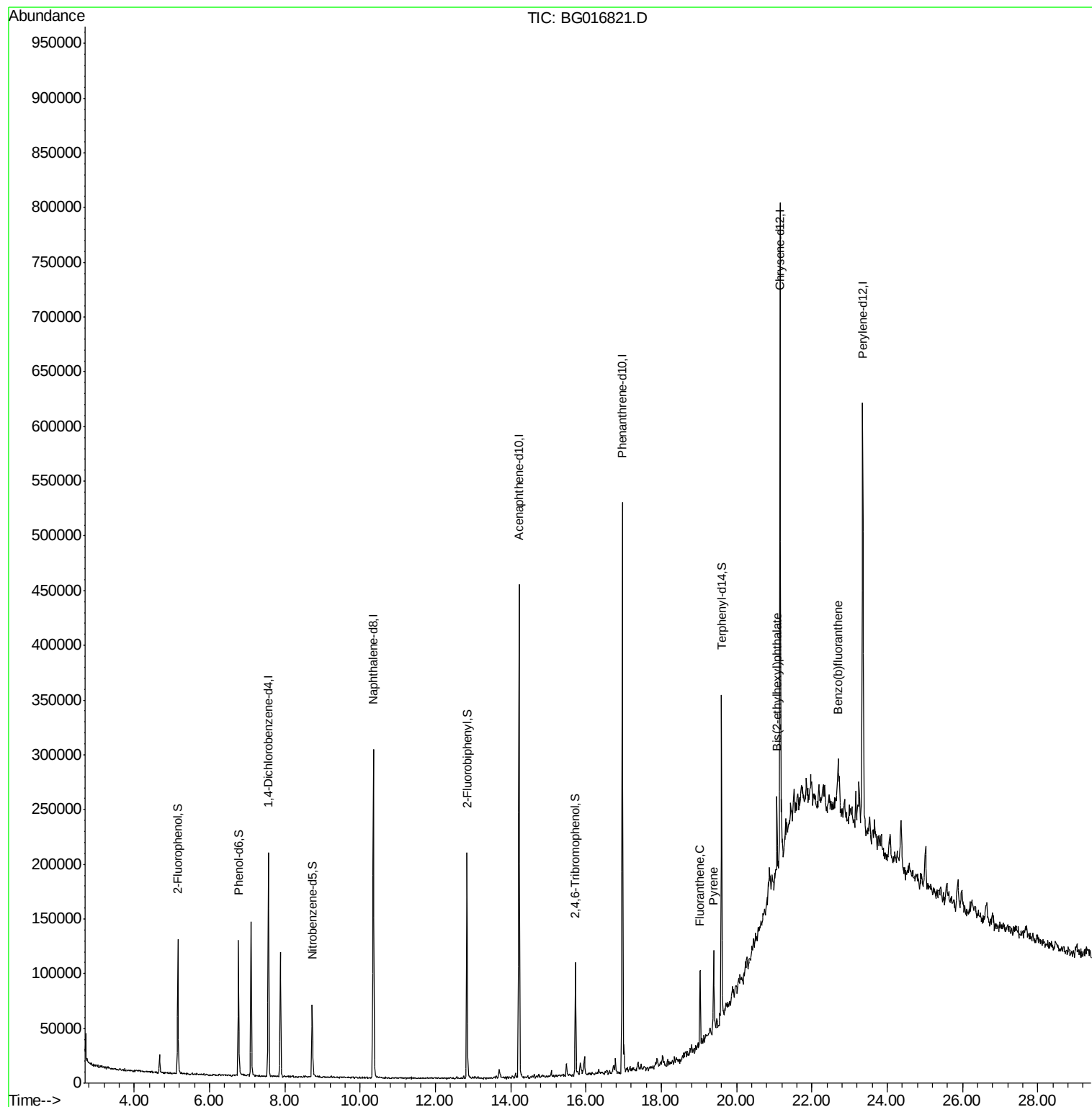
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016821.D
Acq On : 30 Apr 2015 6:06
Operator : TP/IZ
Sample : G2031-07 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

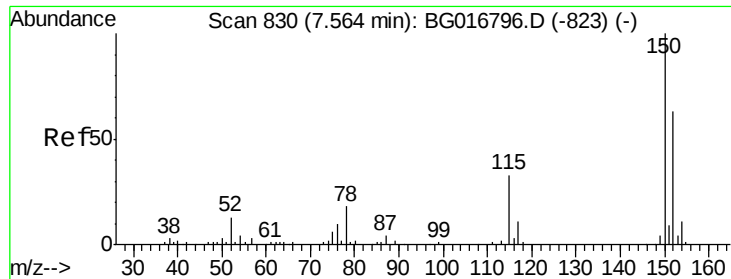
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#1

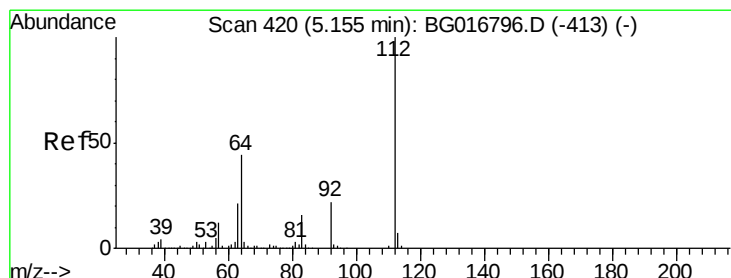
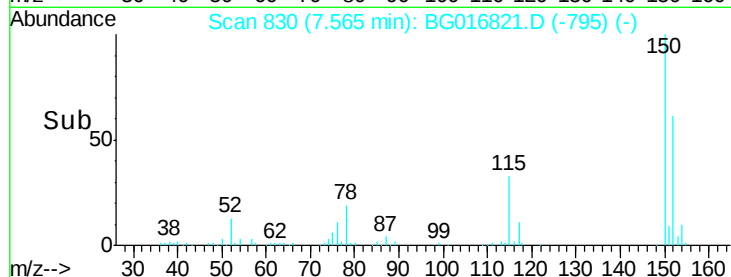
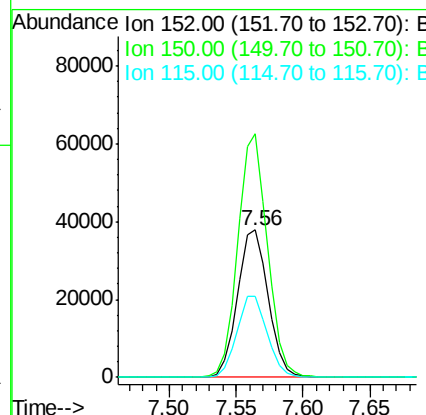
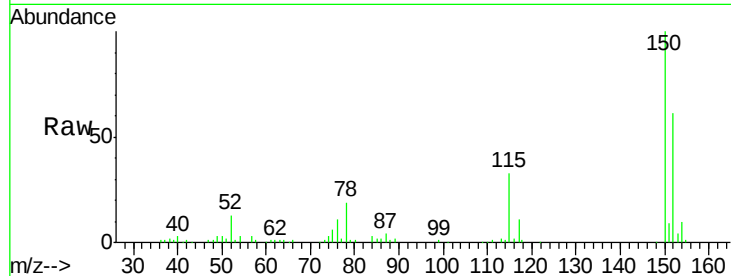
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG016821.D
Acq: 30 Apr 2015 6:06

Instrument :
BNA_G
ClientSampleId :
SB7

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.3	126.2	189.4
115	54.8	41.1	61.7

Manual Integrations
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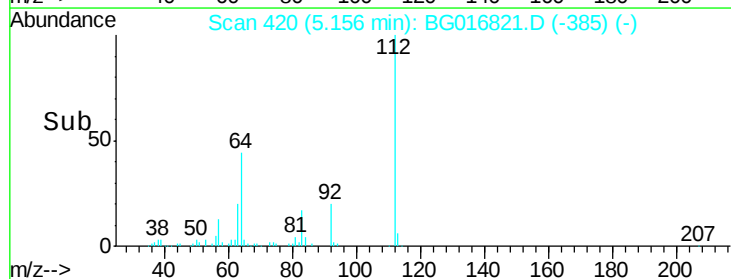
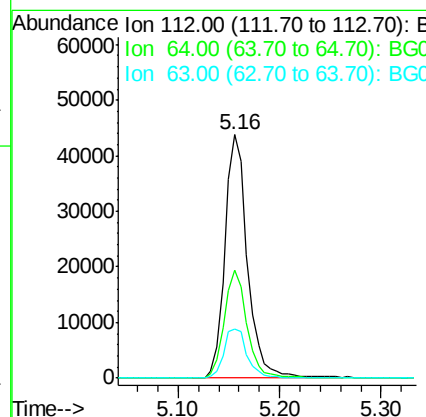
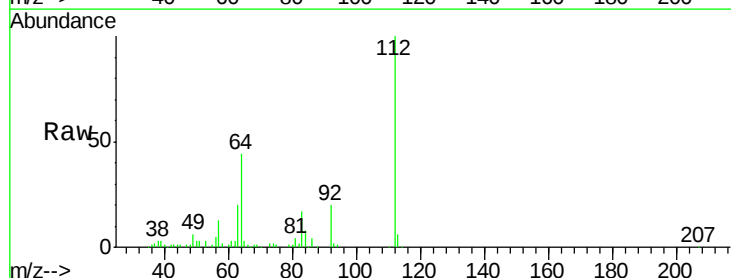
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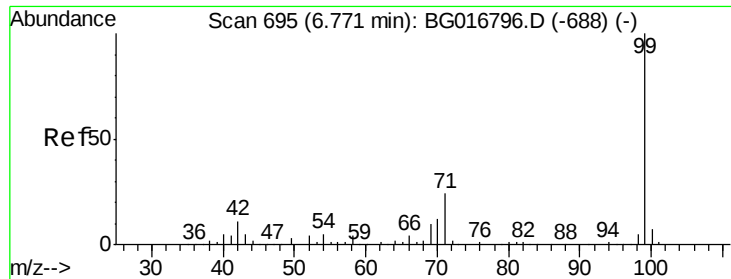


#5

2-Fluorophenol
Concen: 20.64 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016821.D
Acq: 30 Apr 2015 6:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	35.5	53.3
63	19.9	17.2	25.8





#7

Phenol-d6

Concen: 20.26 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

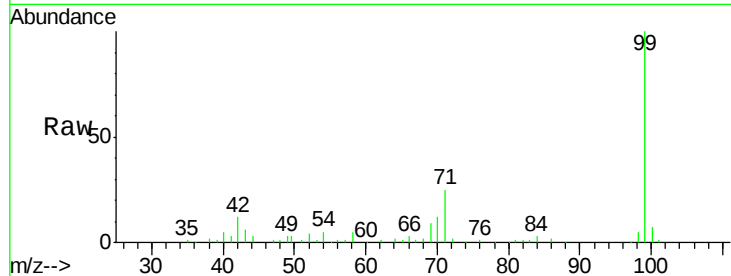
ClientSampleId :

SB7

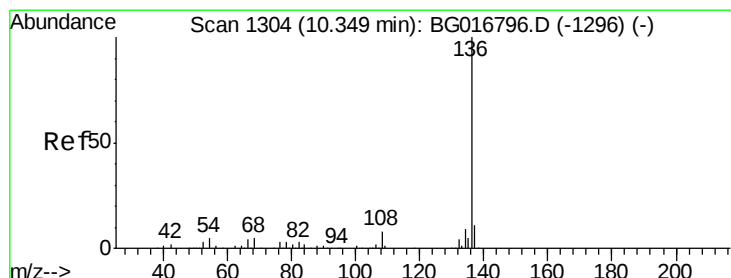
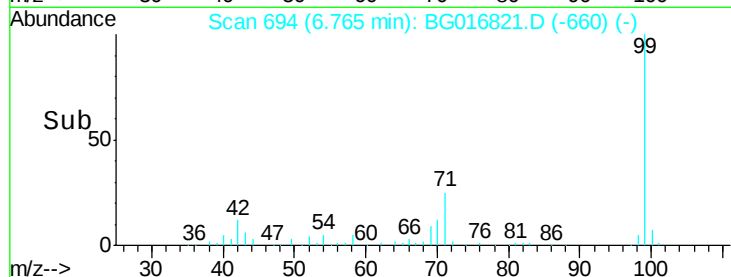
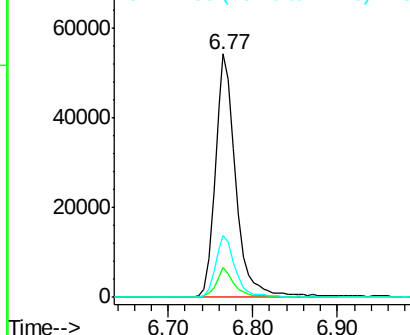
Tot Ion:	99	Resp:	93029
Ion Ratio	Lower	Upper	
99	100		
42	12.1	8.9	13.3
71	25.4	19.0	28.6

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.35 min Scan# 1304

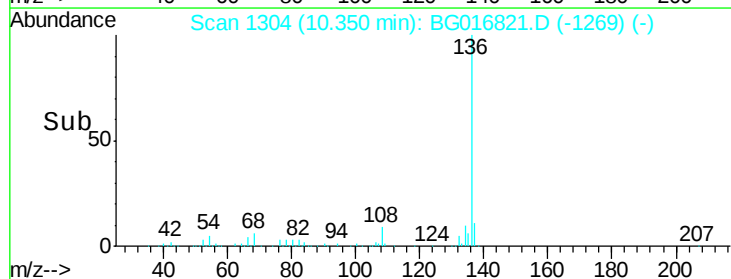
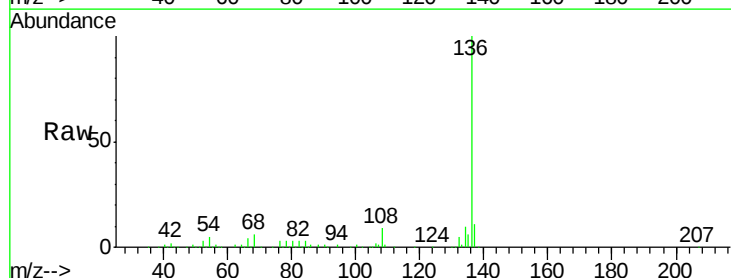
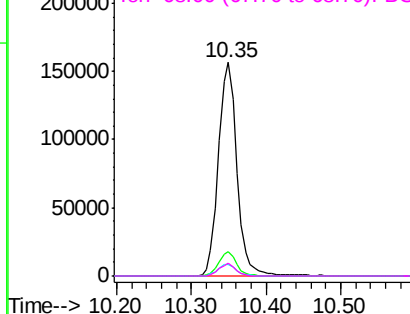
Delta R.T. 0.00 min

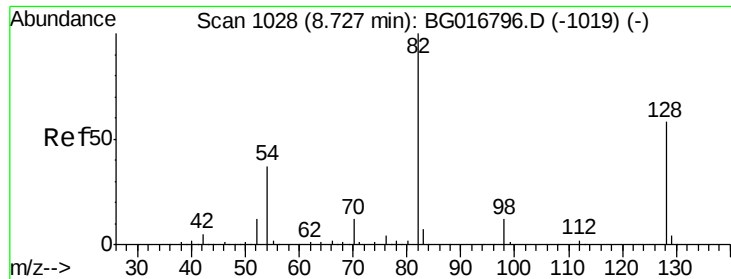
Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Tgt Ion:	136	Resp:	270567
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	12.8
54	5.4	4.3	6.5
68	6.3	4.3	6.5

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





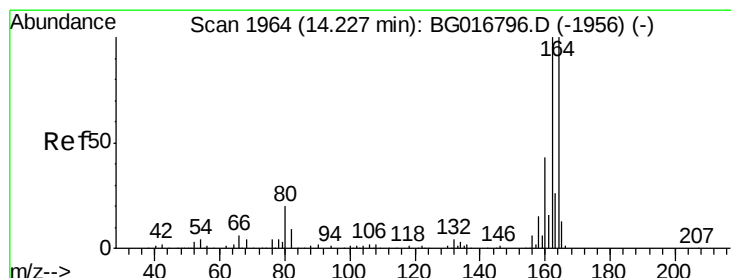
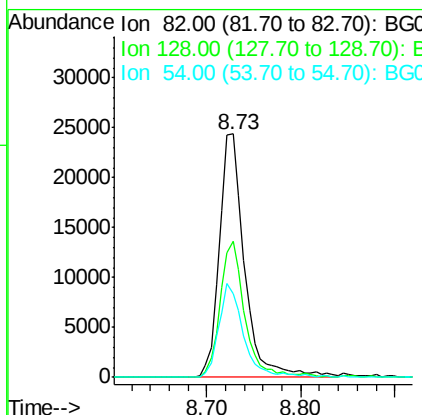
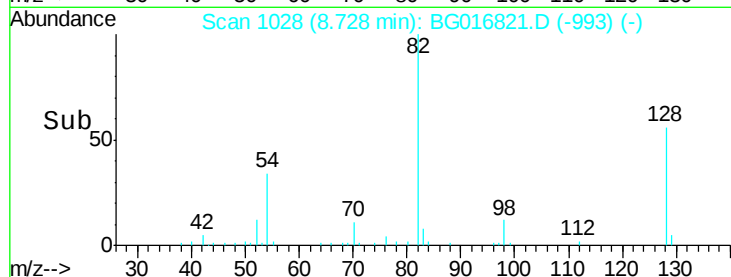
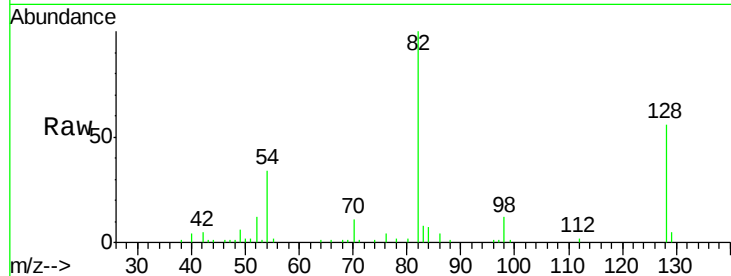
#23
 Nitrobenzene-d5
 Concen: 11.05 ng
 RT: 8.73 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Instrument :
 BNA_G
 ClientSampleId :
 SB7

Tot Ion	Ratio	Lower	Upper
82	100		
128	55.7	46.3	69.5
54	34.3	30.0	45.0

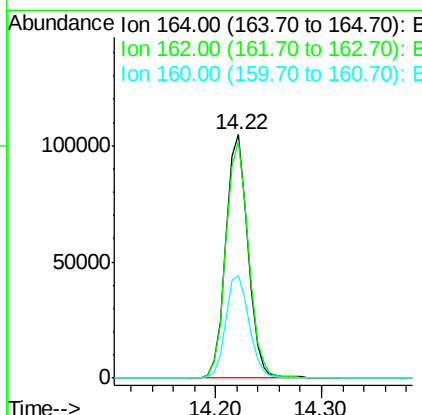
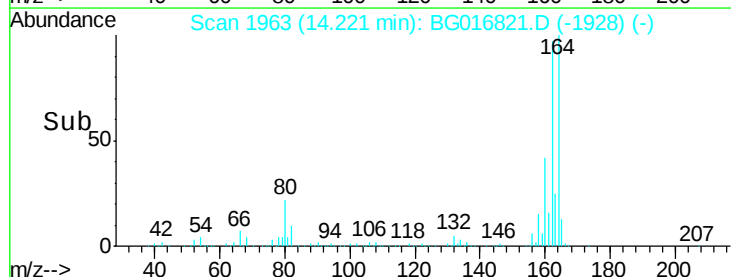
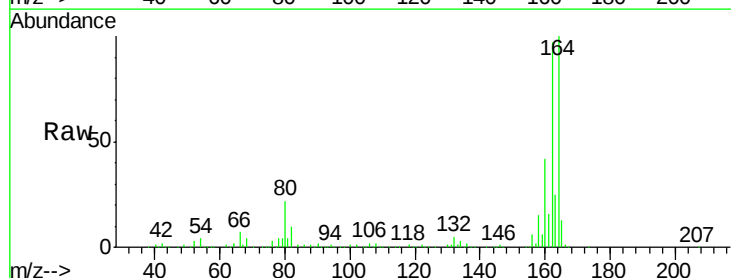
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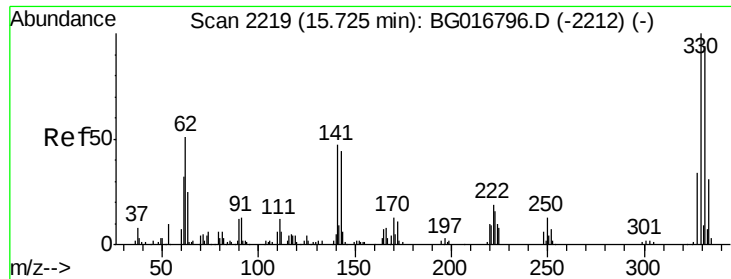
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.2	120.4
160	42.4	34.8	52.2





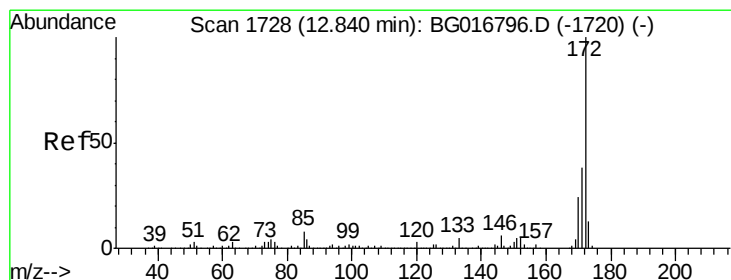
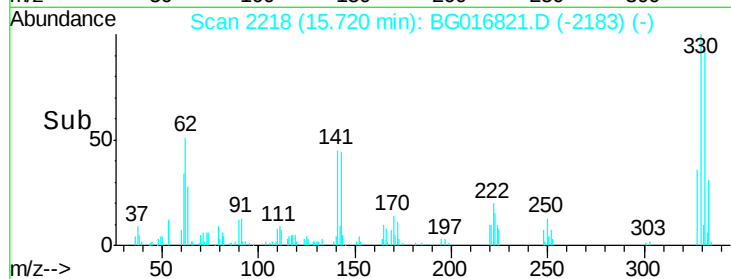
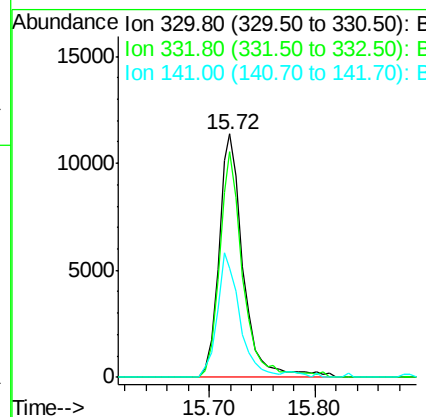
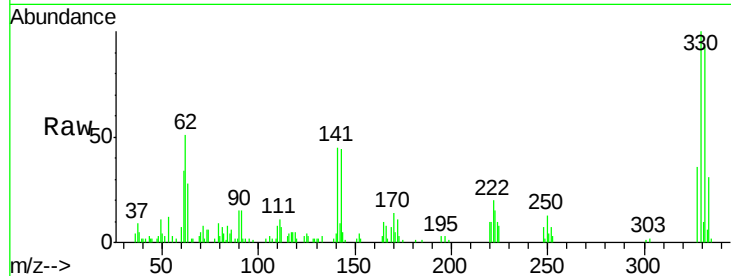
#41
 2,4,6-Tribromophenol
 Concen: 16.05 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Instrument :
 BNA_G
 ClientSampleId :
 SB7

Tot Ion	Ratio	Resp	Lower	Upper
330	100	18166		
332	88.7		75.3	112.9
141	47.7		40.7	61.1

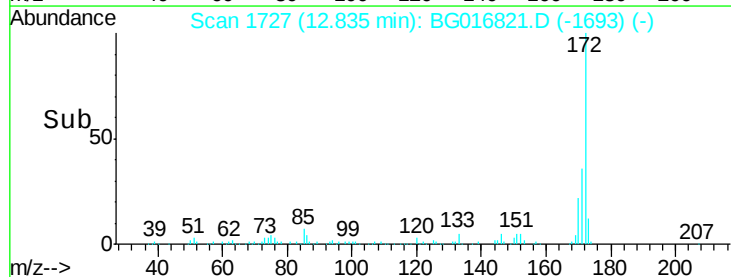
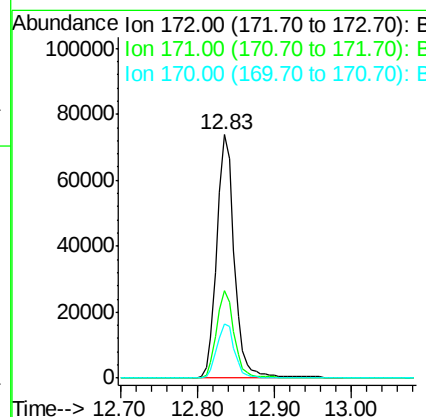
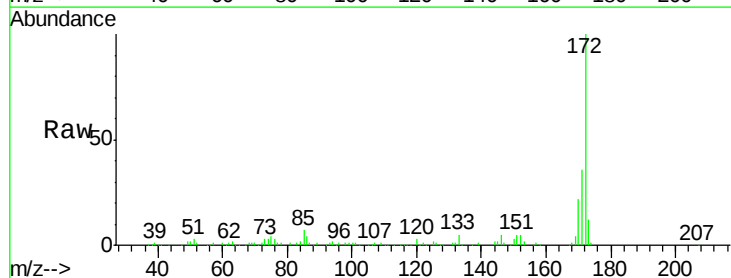
Manual Integrations
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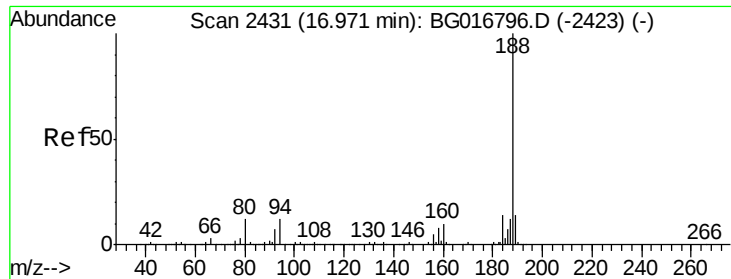
apatel
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#44
 2-Fluorobiphenyl
 Concen: 11.81 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	115908		
171	35.8		30.2	45.4
170	22.3		19.4	29.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.97 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

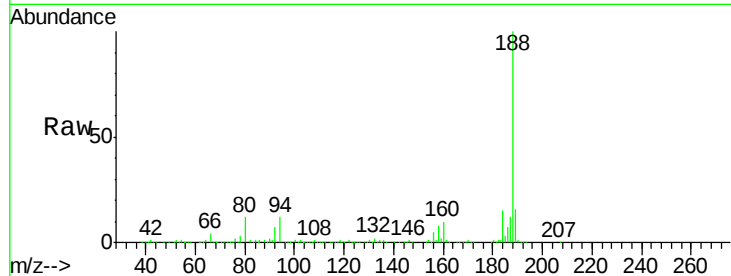
ClientSampled :

SB7

Tot Ion:	188	Resp:	277259
Ion Ratio	Lower	Upper	
188	100		
94	11.6	9.5	14.3
80	11.7	9.2	13.8

Manual Integrations
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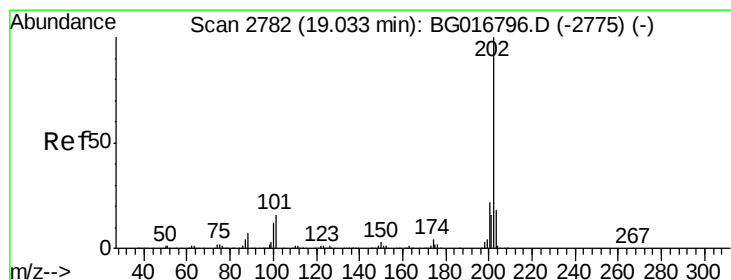
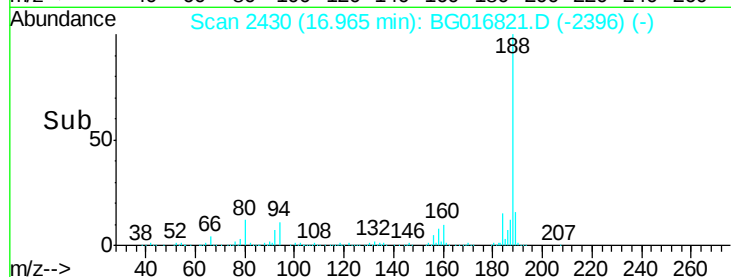
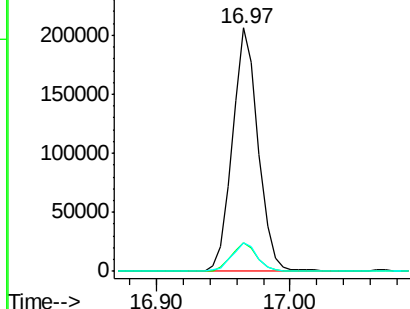
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#74

Fluoranthene

Concen: 2.40 ng

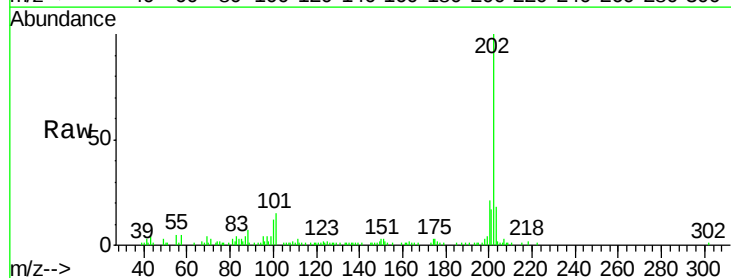
RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

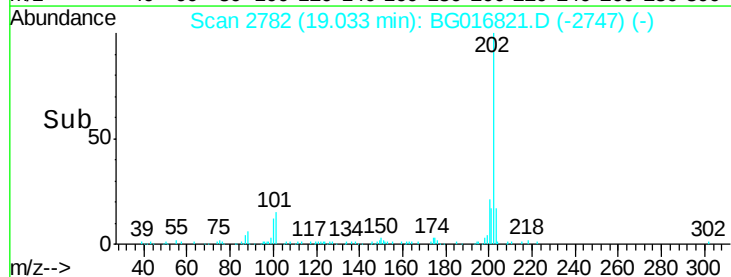
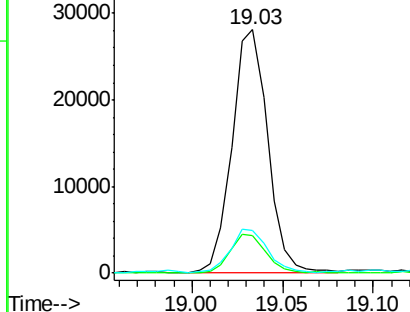
Tgt Ion:	202	Resp:	38743
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	36.2
203	17.6	0.0	37.6

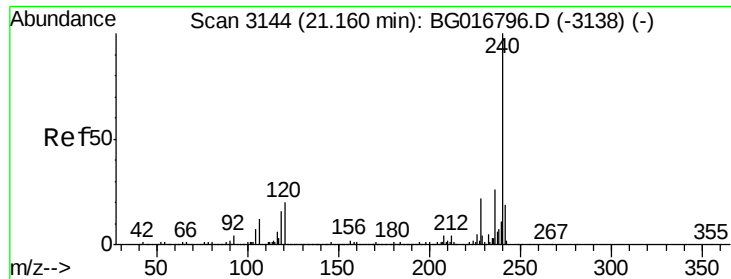


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.15 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

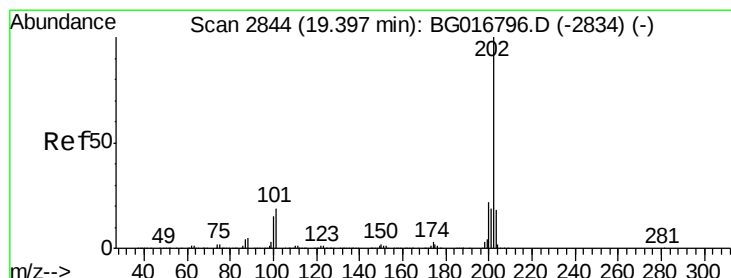
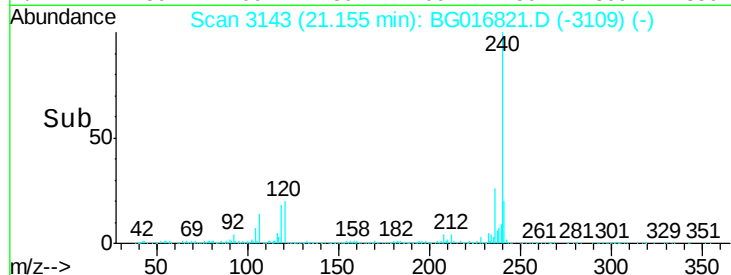
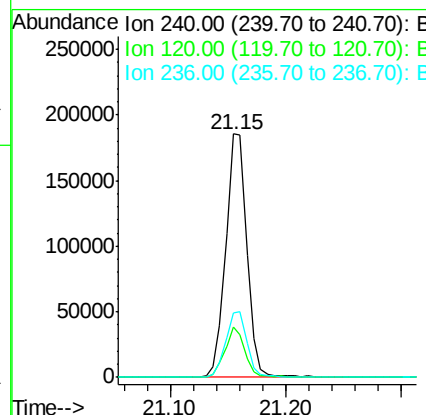
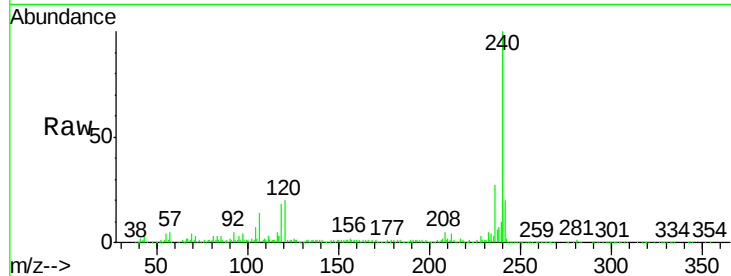
ClientSampleId :

SB7

Tot Ion:	240	Resp:	236017
Ion Ratio	Lower	Upper	
240	100		
120	20.5	16.1	24.1
236	26.7	21.0	31.6

Manual Integrations
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#77

Pyrene

Concen: 2.70 ng

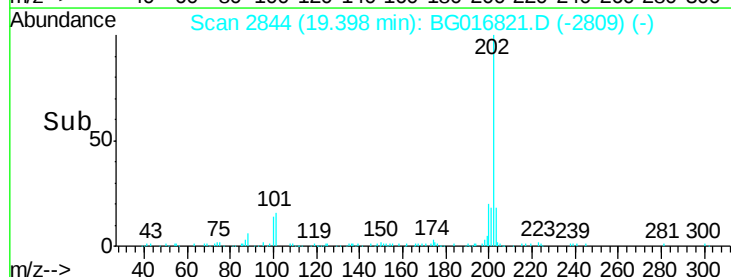
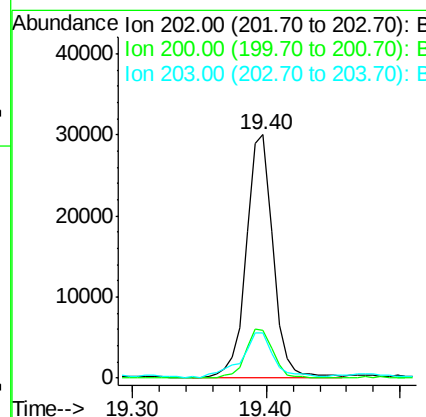
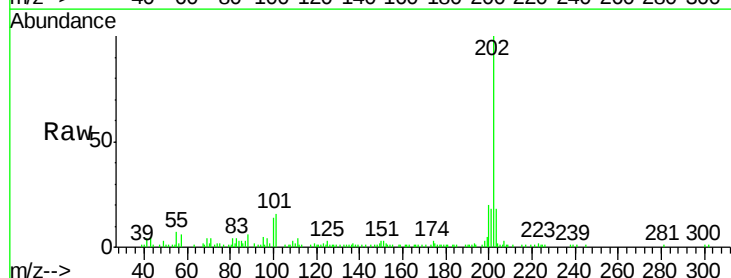
RT: 19.40 min Scan# 2844

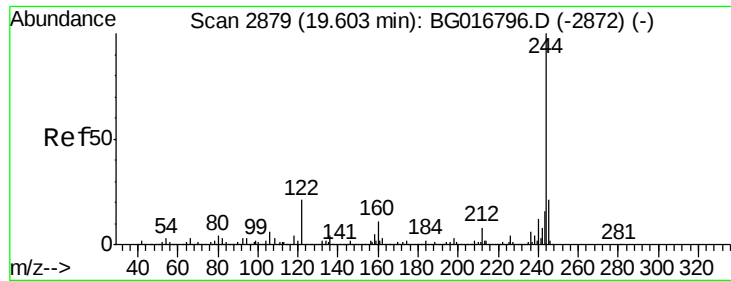
Delta R.T. 0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Tgt Ion:	202	Resp:	41623
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.3	25.9
203	18.4	14.6	22.0





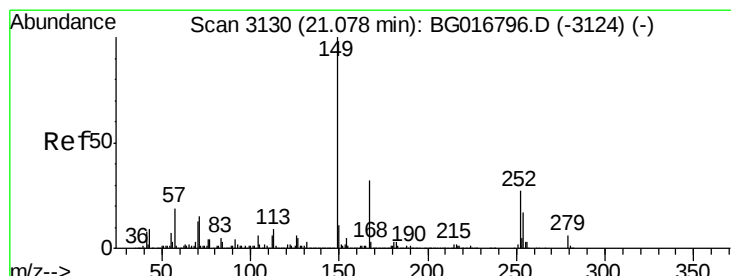
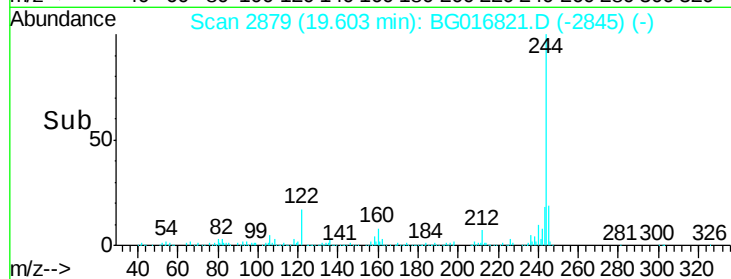
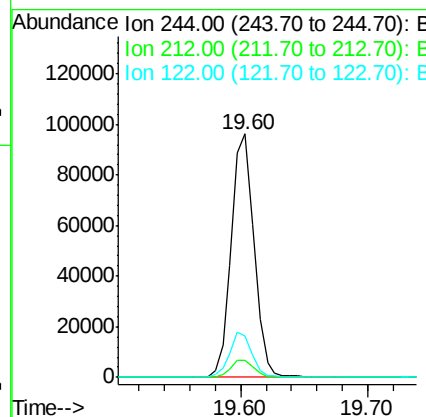
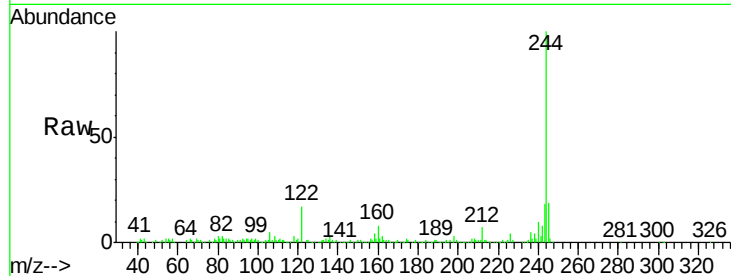
#78
 Terphenyl-d14
 Concen: 12.20 ng
 RT: 19.60 min Scan# 2879
 Delta R.T. -0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Instrument :
 BNA_G
 ClientSampleId :
 SB7

Tot Ion	Ratio	Resp	Lower	Upper
244	100	119421		
212	7.1	6.4	9.6	
122	17.1	16.4	24.6	

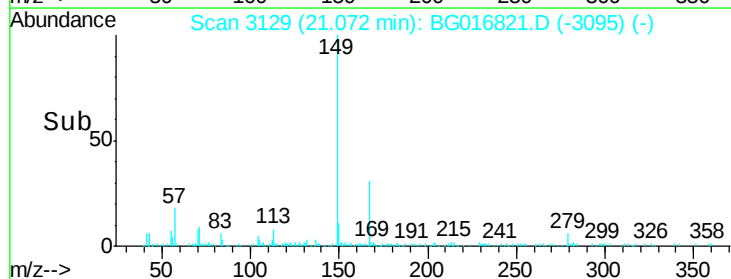
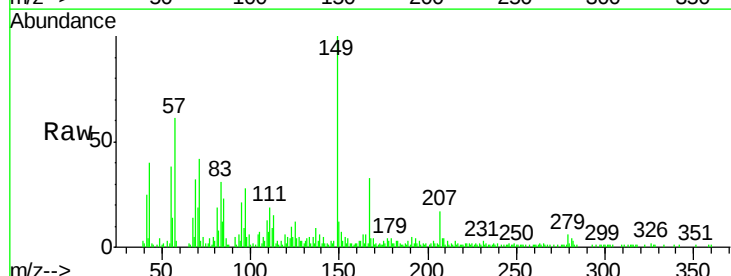
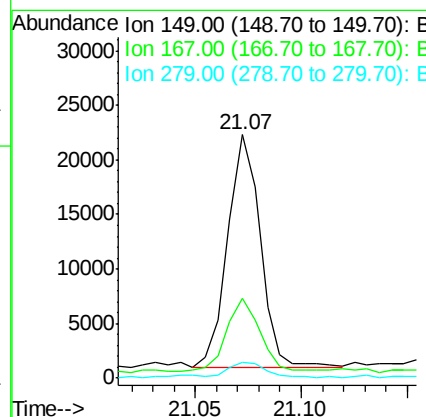
Manual Integrations
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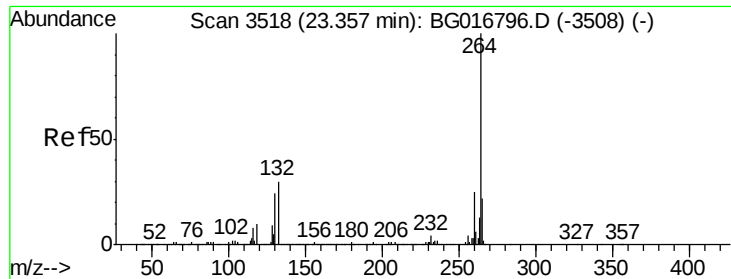
apatel
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.11 ng
 RT: 21.07 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG016821.D
 Acq: 30 Apr 2015 6:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	22861		
167	32.6	25.9	38.9	
279	6.3	5.0	7.4	





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.35 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Instrument :

BNA_G

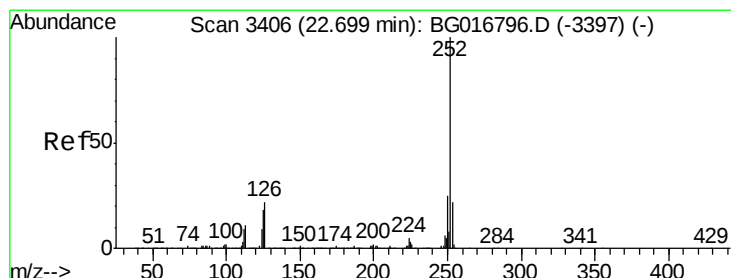
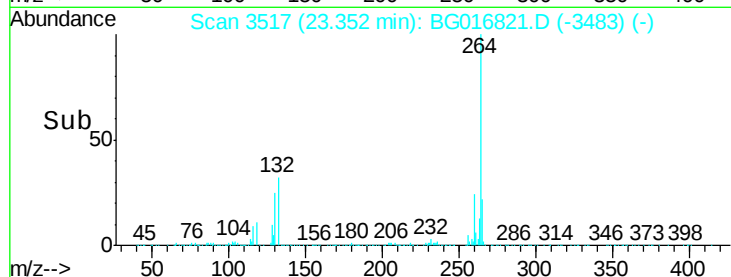
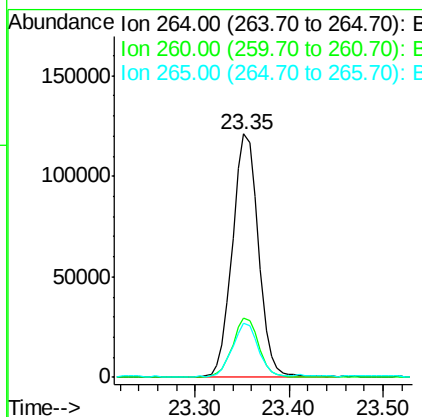
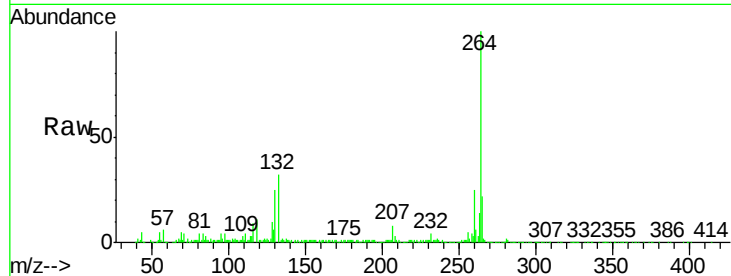
ClientSampleId :

SB7

Tot Ion:	264	Resp:	232666
Ion Ratio		Lower	Upper
264	100		
260	24.5	19.7	29.5
265	22.2	17.4	26.2

Manual Integrations
APPROVED

apatel
5/1/2015 8:58:14 AM



#87

Benzo(b)fluoranthene

Concen: 2.17 ng

RT: 22.69 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BG016821.D

Acq: 30 Apr 2015 6:06

Tgt Ion:	252	Resp:	28784
Ion Ratio		Lower	Upper
252	100		
253	27.6	18.0	27.0#
125	34.8	14.2	21.2#

