

Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
 Data File : BG017986.D
 Acq On : 20 Jul 2015 13:29
 Operator : TP/UM
 Sample : G2976-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-10(0-2)

Manual Integrations
 APPROVED

apatel
 7/22/2015 9:43:14 AM

Quant Time: Jul 20 18:14:08 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	165083	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	707926	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	412511	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	793776	20.00	ng	0.00
75) Chrysene-d12	21.20	240	804571	20.00	ng	0.00
86) Perylene-d12	23.42	264	826396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1110257	117.32	ng	0.01
7) Phenol-d6	6.77	99	1445315	116.58	ng	0.00
23) Nitrobenzene-d5	8.74	82	857894	78.49	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	535438	128.12	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1614748	67.83	ng	0.00
78) Terphenyl-d14	19.64	244	1775684	55.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.71	163	610312	21.30	ng	99
50) 2,6-Dinitrotoluene	13.70	165	6553	1.01	ng	# 17
70) Phenanthrene	17.04	178	63151	1.54	ng	96
74) Fluoranthene	19.06	202	113703	2.54	ng	95
77) Pyrene	19.43	202	103830	2.31	ng	96
79) Butylbenzylphthalate	20.35	149	60790	3.02	ng	86
80) Benzo(a)anthracene	21.18	228	59374	1.40	ng	98
82) Chrysene	21.23	228	56908	1.41	ng	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	68193	2.46	ng	97
89) Benzo(a)pyrene	23.31	252	56726	1.35	ng	# 97

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

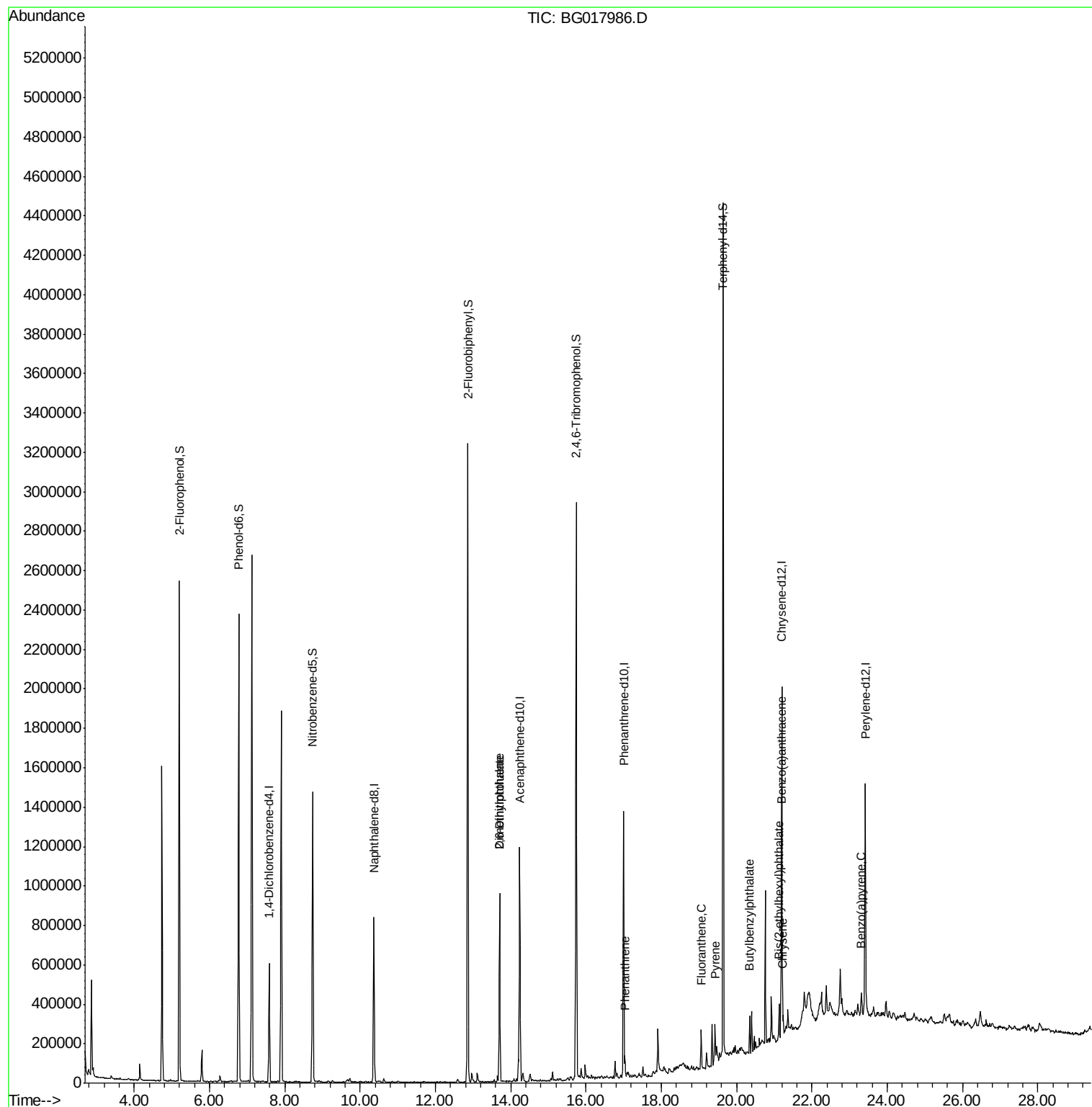
Data Path : S:\HPCHEM1\BNA_G\DATA\BG072015\
Data File : BG017986.D
Acq On : 20 Jul 2015 13:29
Operator : TP/UM
Sample : G2976-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

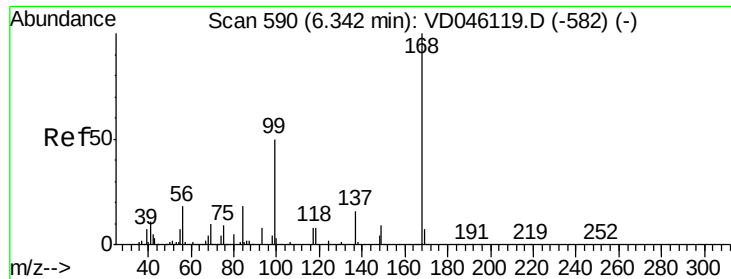
Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

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#1

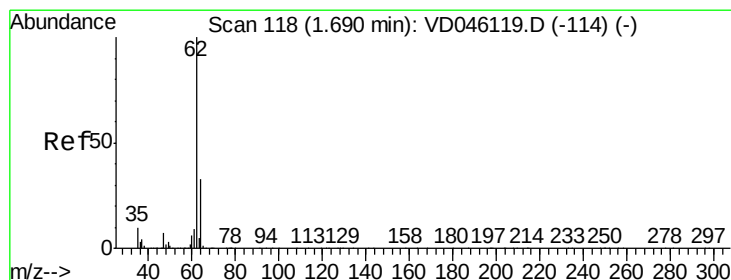
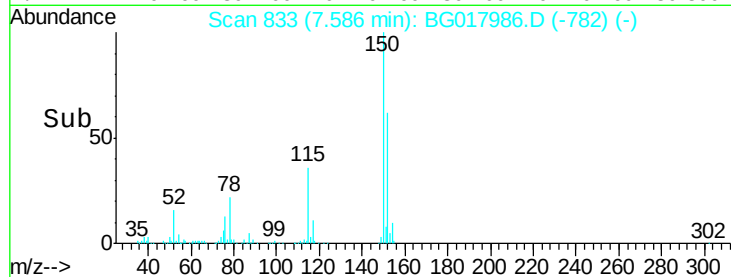
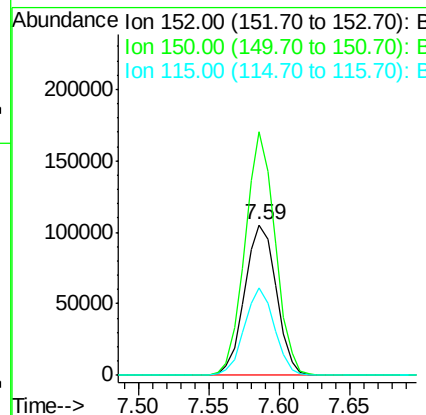
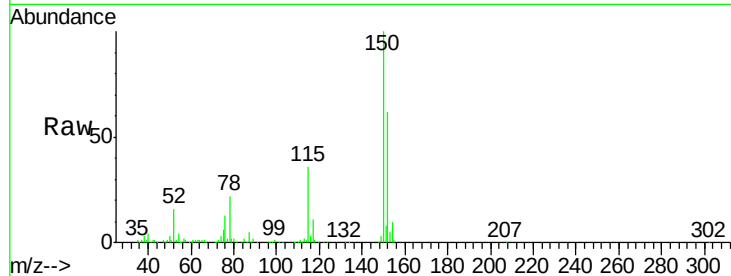
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 833
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.0	119.1	178.7
115	58.5	47.0	70.4

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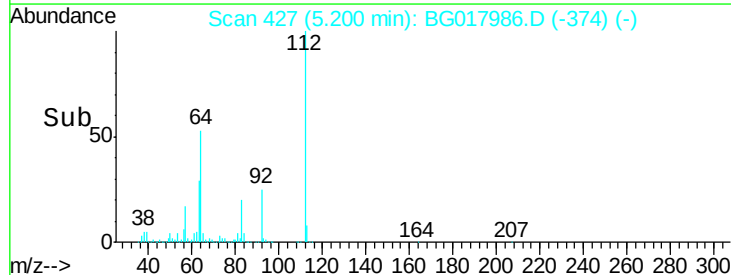
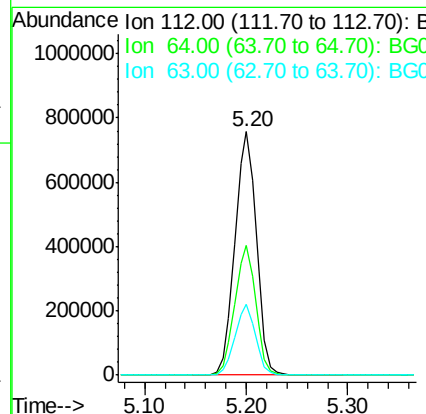
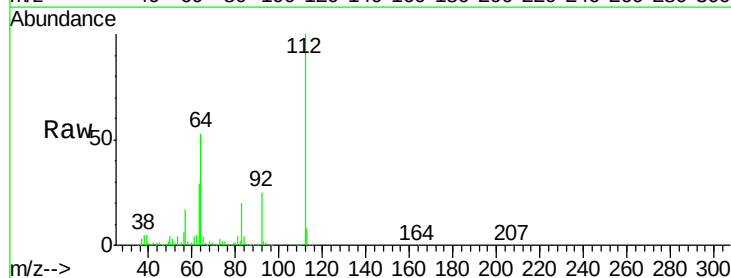
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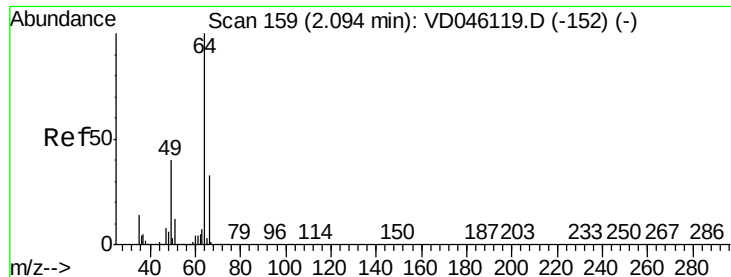


#5

2-Fluorophenol
Concen: Below ng
RT: 5.20 min Scan# 427
Delta R.T. 0.01 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	45.4	68.0
63	29.0	25.3	37.9





#7

Phenol-d6

Concen: Below ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017986.D

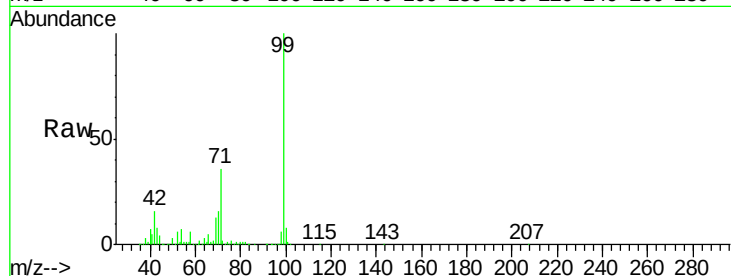
Acq: 20 Jul 2015 13:29

Instrument :

BNA_G

ClientSampleId :

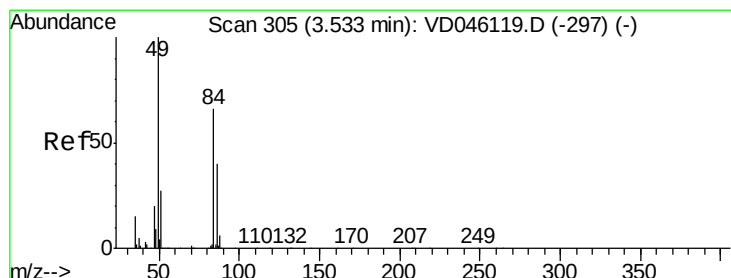
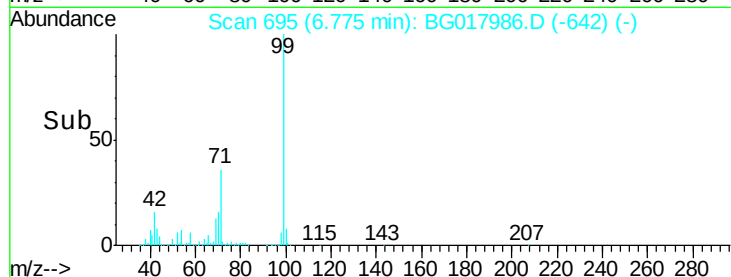
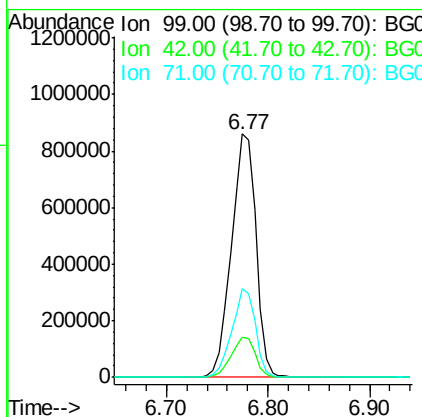
BRIDGE14-10(0-2)



Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.3	16.2	24.4
71	36.3	29.5	44.3

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#21

Naphthalene-d8

Concen: 20.00 ng

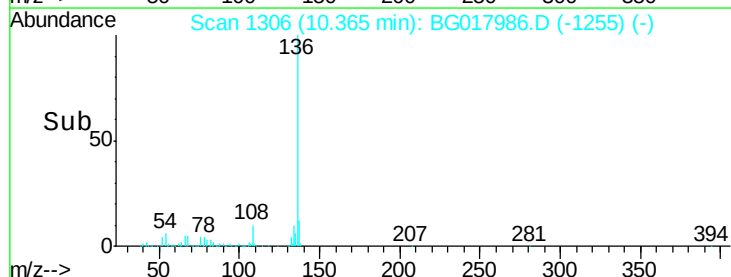
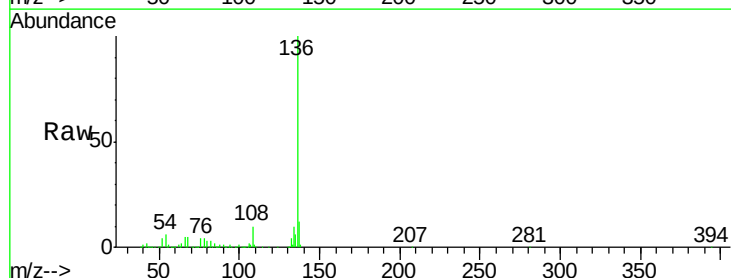
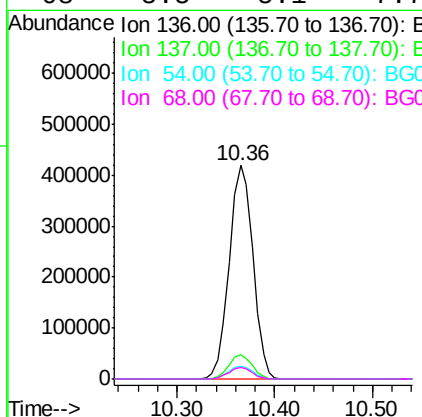
RT: 10.36 min Scan# 1306

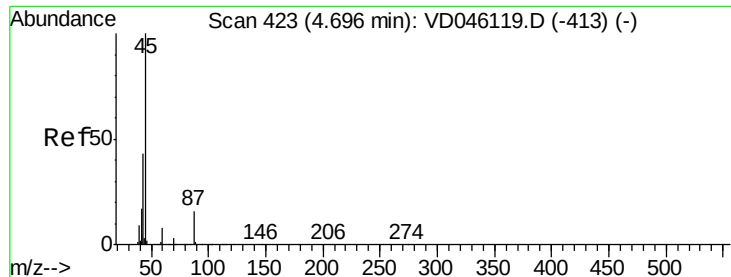
Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	6.1	6.6	9.8#
68	5.5	5.1	7.7





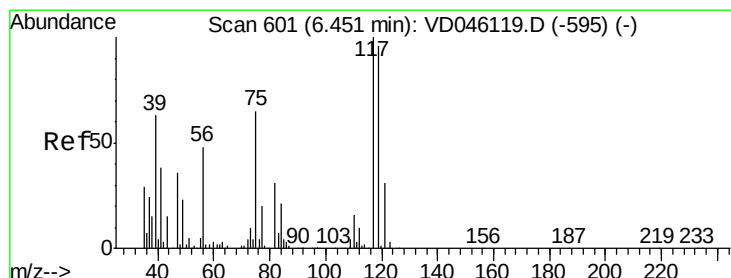
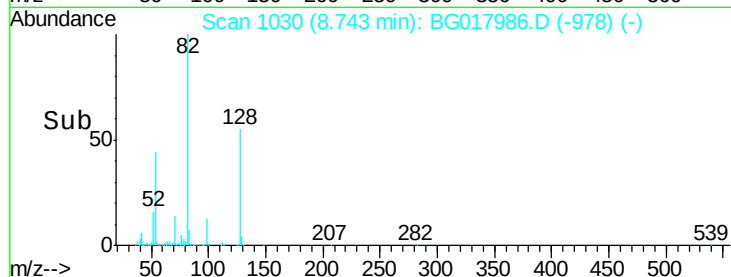
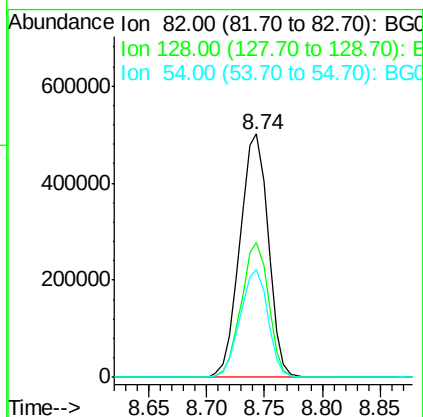
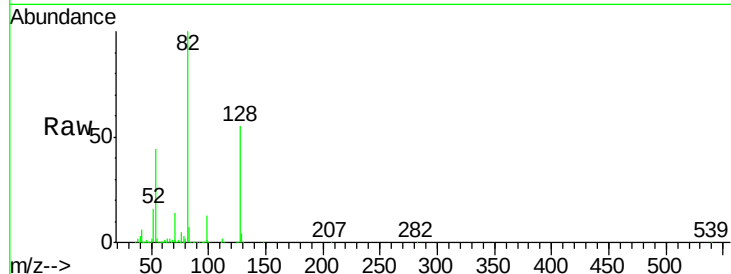
#23
 Nitrobenzene-d5
 Concen: Below ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-10(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	857894		
128	55.2	37.8	56.6	
54	44.4	39.9	59.9	

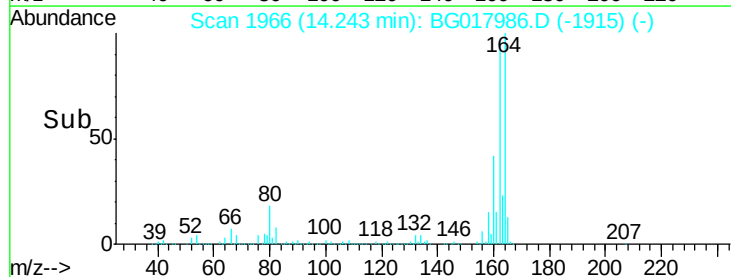
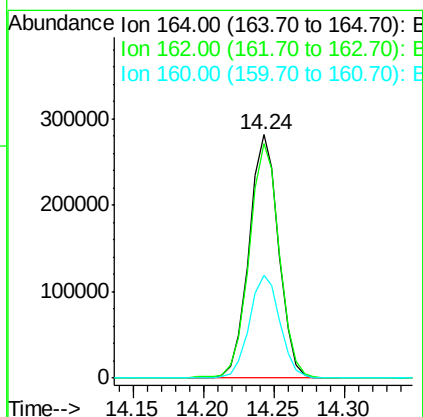
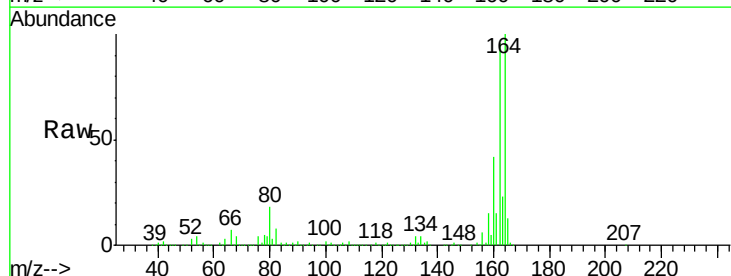
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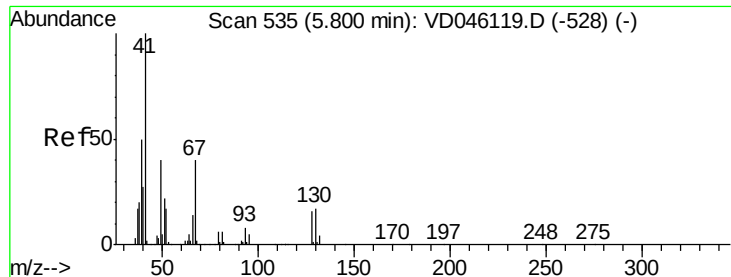
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	412511		
162	96.5	76.3	114.5	
160	42.0	33.7	50.5	





#41

2,4,6-Tribromophenol

Concen: N.D. ng

RT: 15.74 min Scan# 2221

Delta R.T. -0.00 min

Lab File: BG017986.D

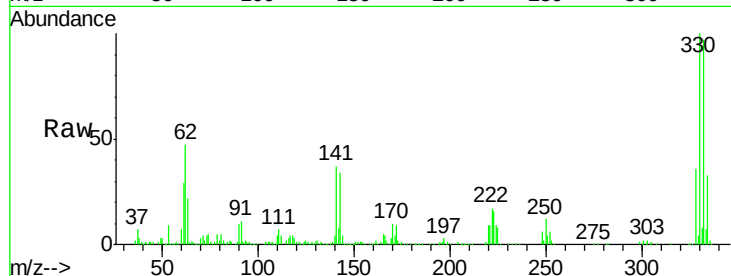
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Instrument :

BNA_G

ClientSampleId :

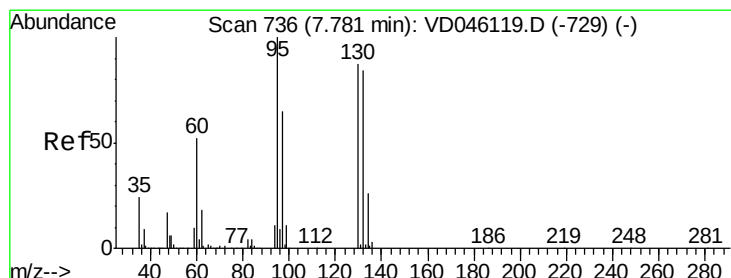
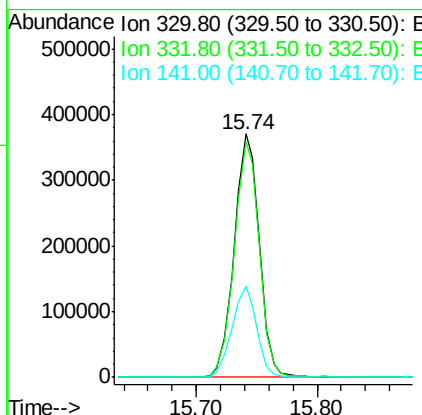
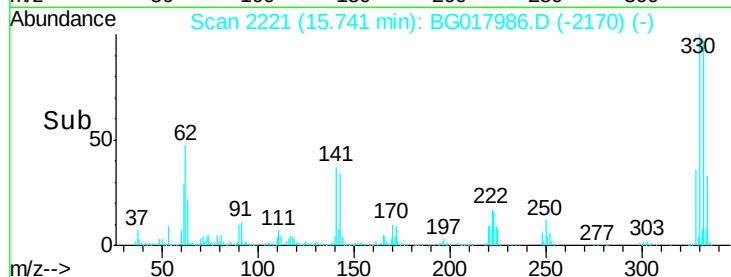
BRIDGE14-10(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.8	115.2	
141	37.0	38.0	57.0	

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#44

2-Fluorobiphenyl

Concen: Below ng

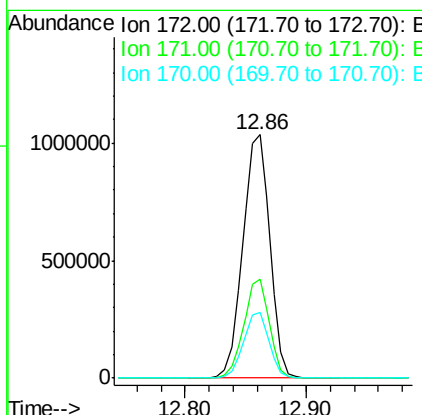
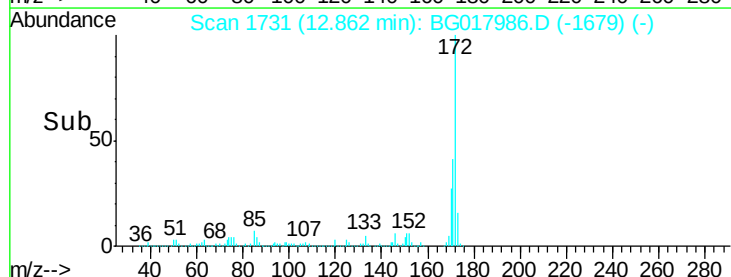
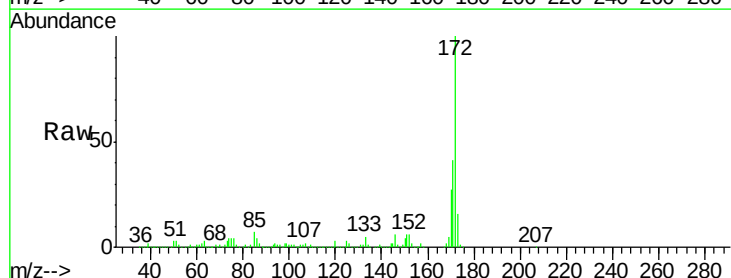
RT: 12.86 min Scan# 1731

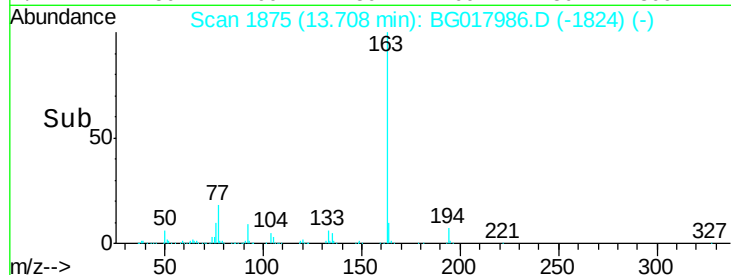
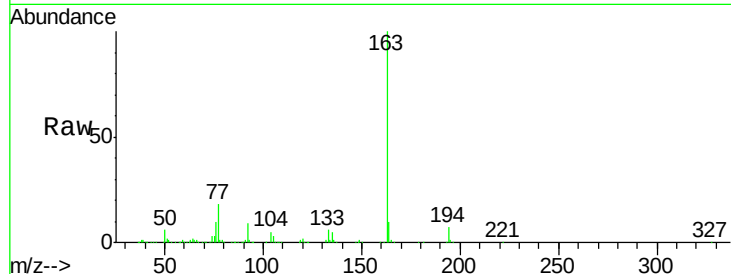
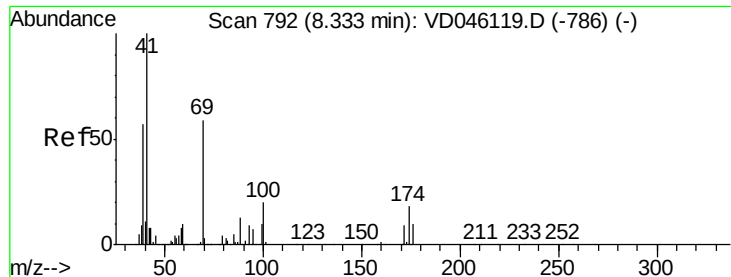
Delta R.T. 0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	40.6	30.7	46.1	
170	27.0	19.7	29.5	





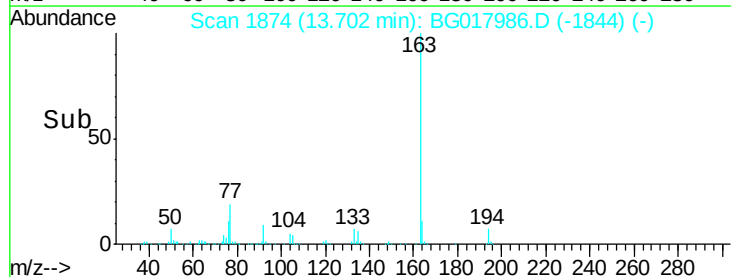
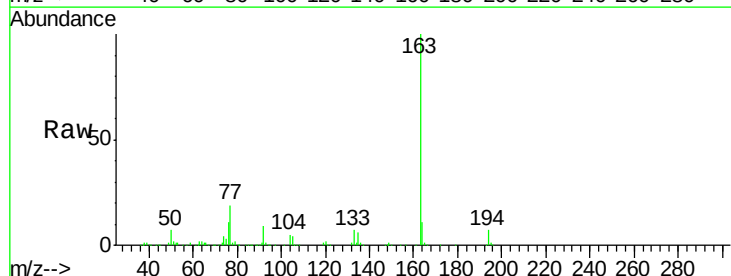
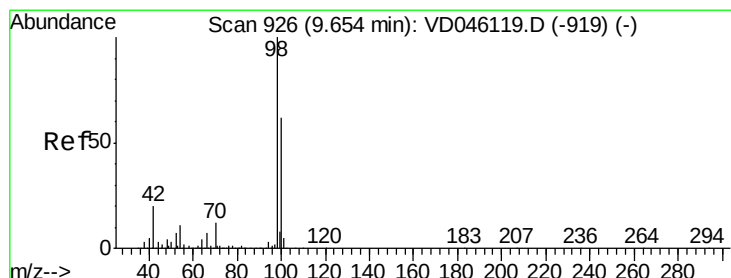
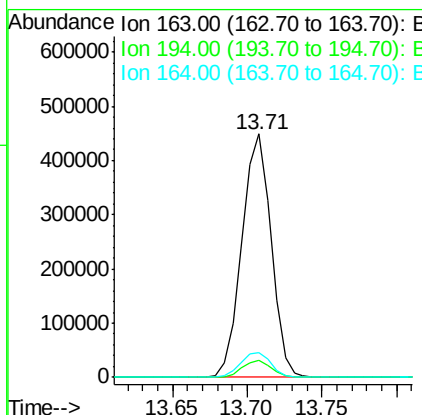
#49
Dimethylphthalate
Concen: 21.30 ng
RT: 13.71 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	610312		
194	6.9	5.8	8.6	
164	10.2	8.3	12.5	

Instrument :
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ClientSampleId :
BRIDGE14-10(0-2)

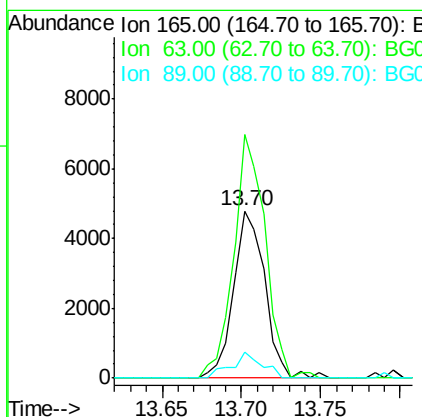
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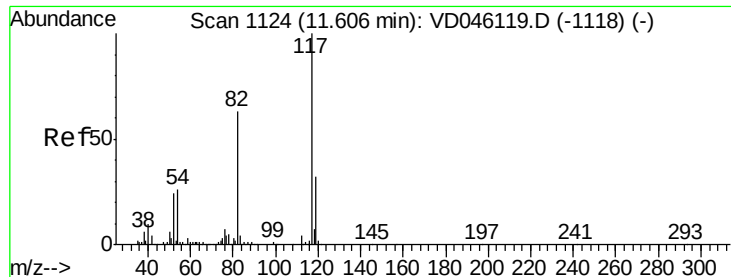
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#50
2,6-Dinitrotoluene
Concen: 1.01 ng
RT: 13.70 min Scan# 1874
Delta R.T. -0.13 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	6553		
63	145.5	50.2	75.2#	
89	15.8	46.6	69.8#	





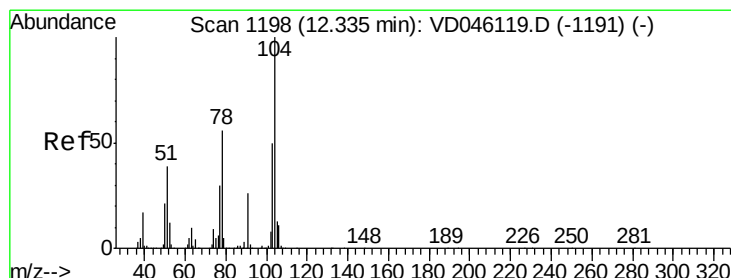
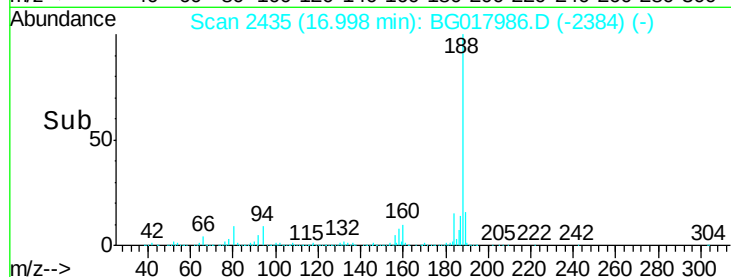
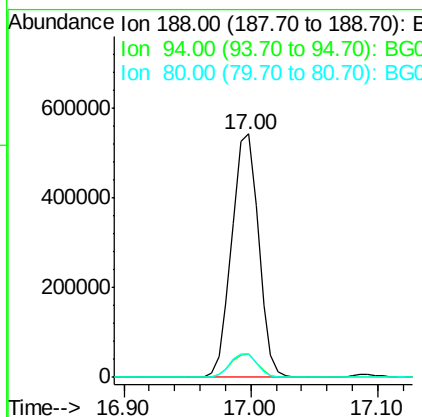
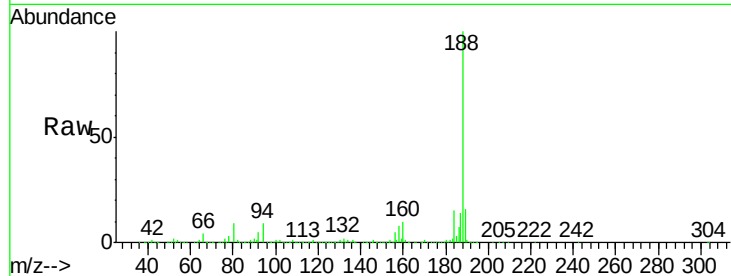
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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.4	8.2	12.2
80	9.5	8.2	12.4

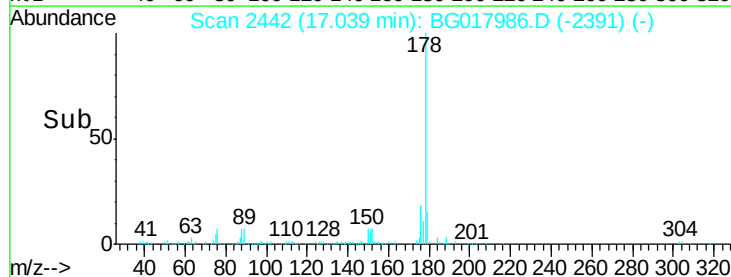
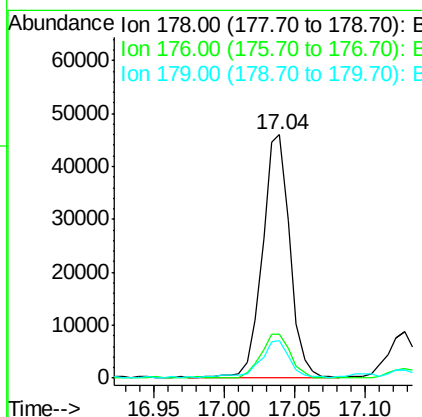
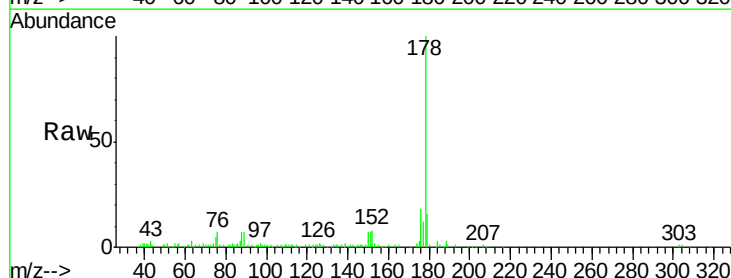
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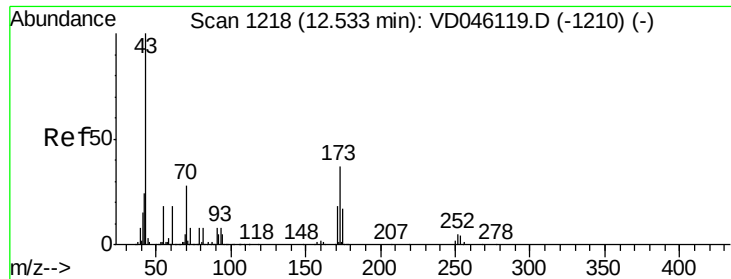
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#70
Phenanthrene
Concen: 1.54 ng
RT: 17.04 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.2	16.5	24.7
179	15.5	13.5	20.3





#74

Fluoranthene

Concen: 2.54 ng

RT: 19.06 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BG017986.D

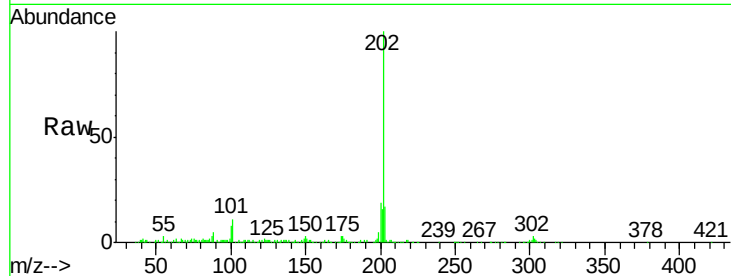
Acq: 20 Jul 2015 13:29

Instrument :

BNA_G

ClientSampleId :

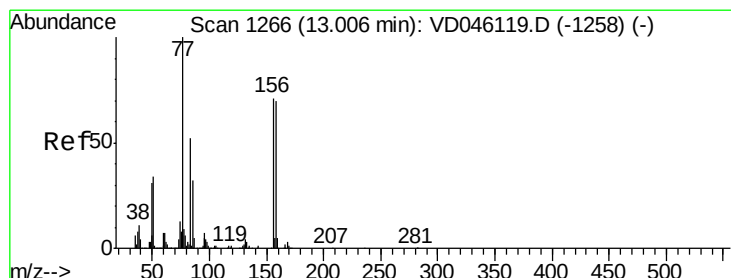
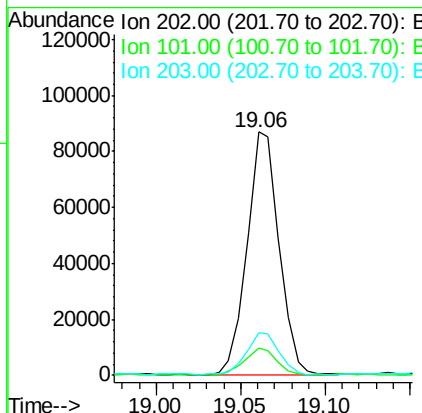
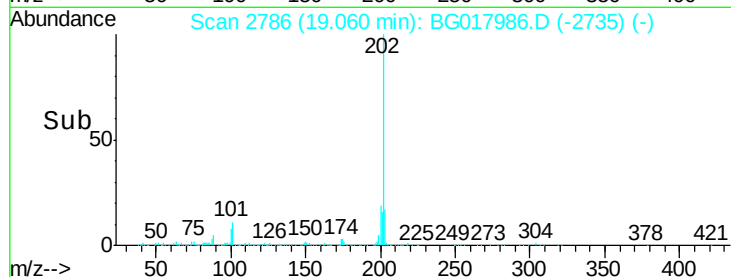
BRIDGE14-10(0-2)



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	113703		
101	11.3	0.0	33.3	
203	17.5	0.0	39.5	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

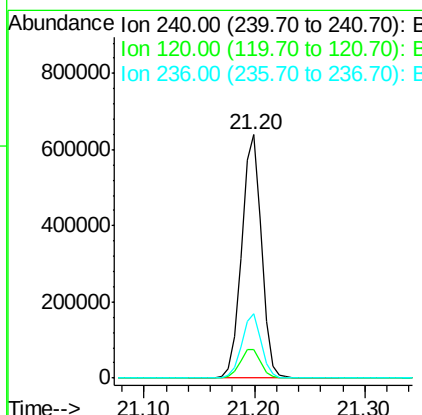
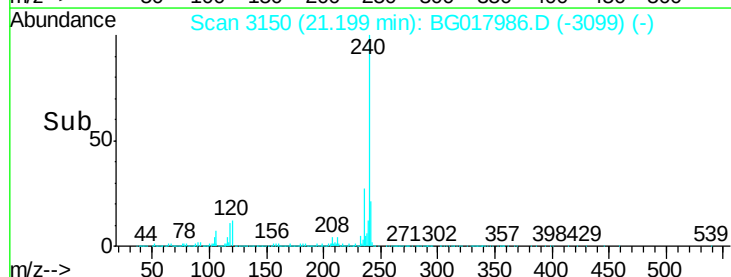
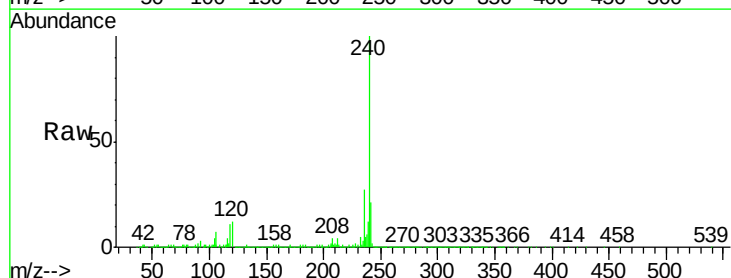
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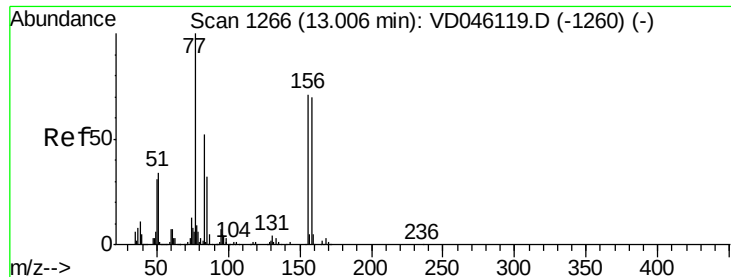
Delta R.T. -0.00 min

Lab File: BG017986.D

Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	804571		
120	11.6	10.8	16.2	
236	26.6	20.0	30.0	





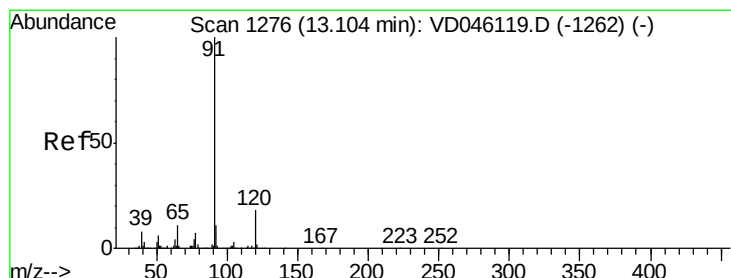
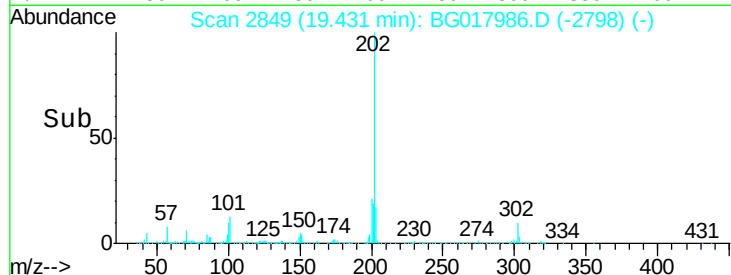
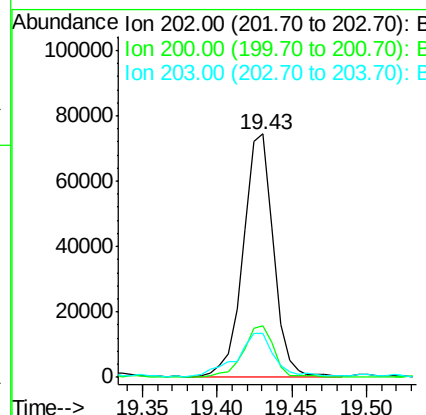
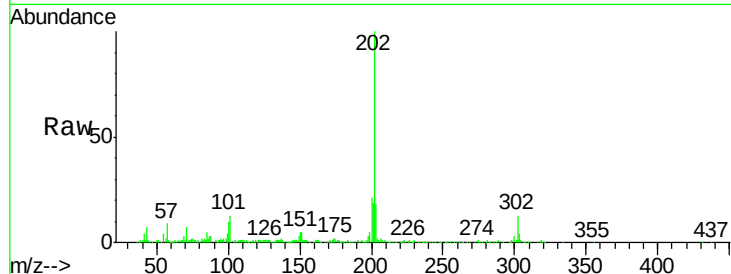
#77
 Pyrene
 Concen: 2.31 ng
 RT: 19.43 min Scan# 2849
 Delta R.T. -0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Instrument :
 BNA_G
 ClientSampleId :
 BRIDGE14-10(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	18.8	28.2
203	17.9	15.9	23.9

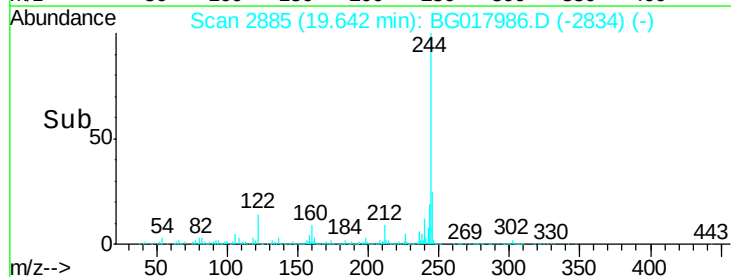
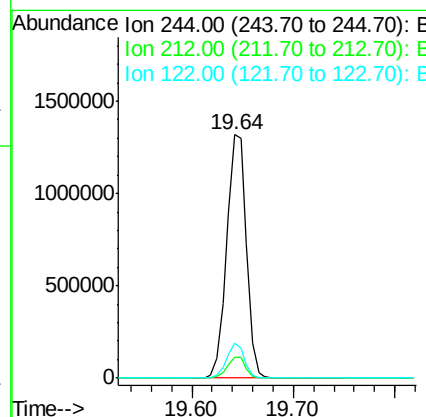
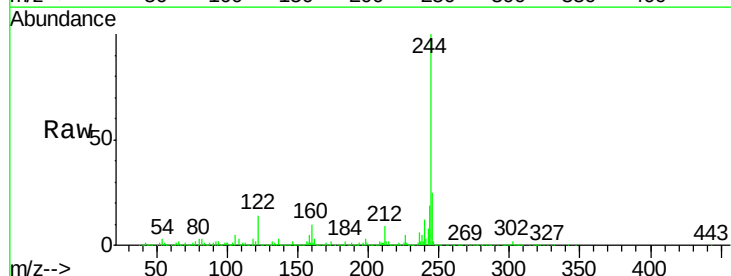
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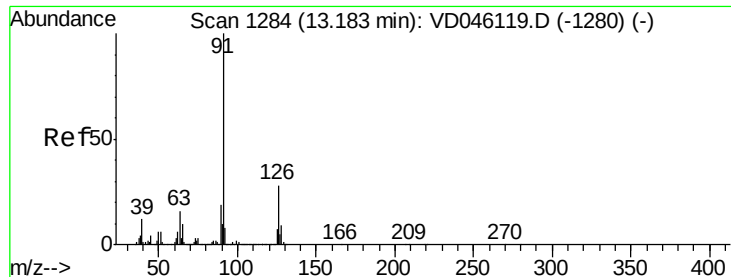
apatel
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#78
 Terphenyl-d14
 Concen: 2.31 ng
 RT: 19.64 min Scan# 2885
 Delta R.T. -0.00 min
 Lab File: BG017986.D
 Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.7	7.2	10.8
122	14.4	12.8	19.2





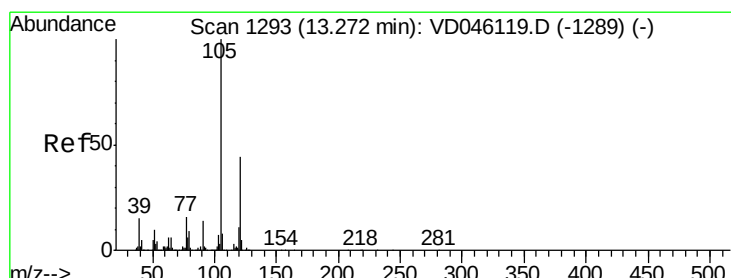
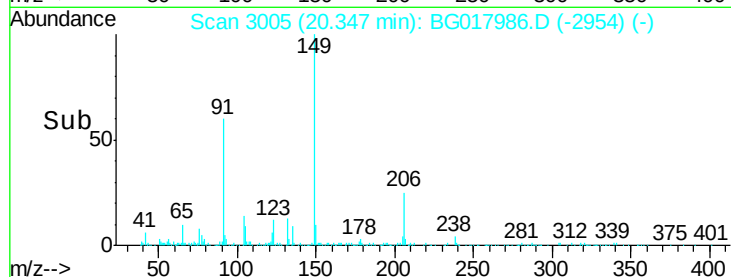
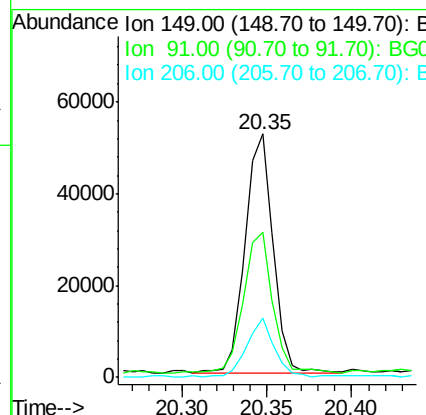
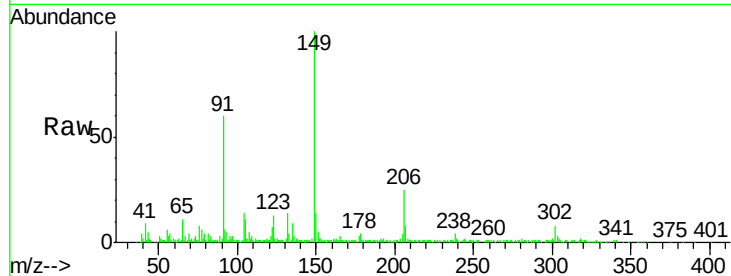
#79
Butylbenzylphthalate
Concen: 3.02 ng
RT: 20.35 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	59.6	59.5	89.3
206	24.6	18.5	27.7

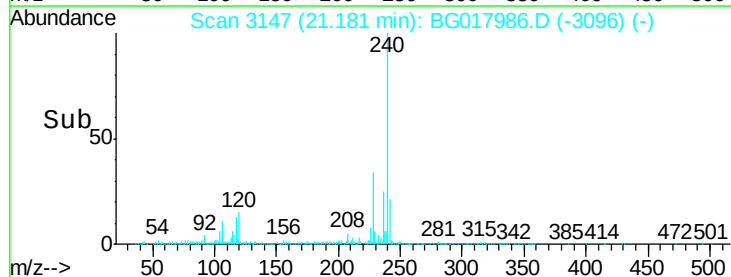
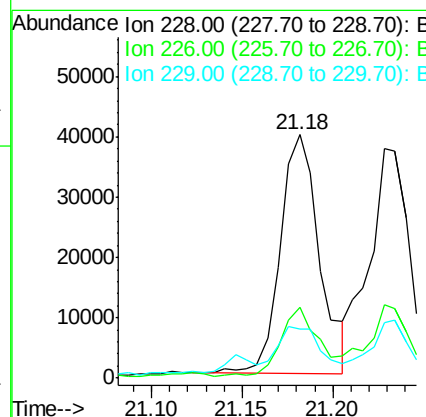
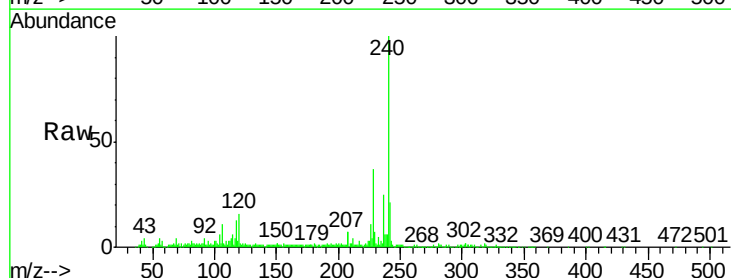
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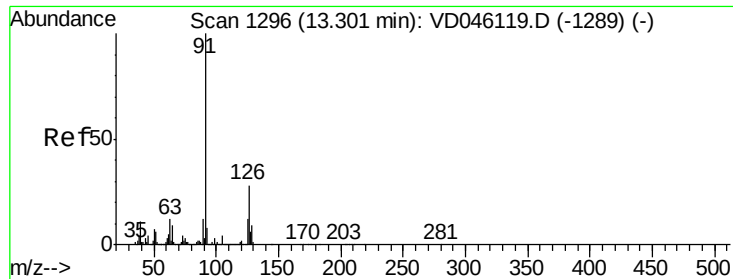
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#80
Benzo(a)anthracene
Concen: 1.40 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	23.1	34.7
229	20.0	17.4	26.0





#82

Chrysene

Concen: 1.41 ng

RT: 21.23 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG017986.D

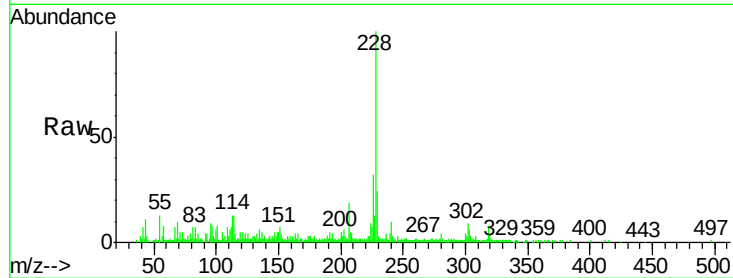
Acq: 20 Jul 2015 13:29

Instrument :

BNA_G

ClientSampleId :

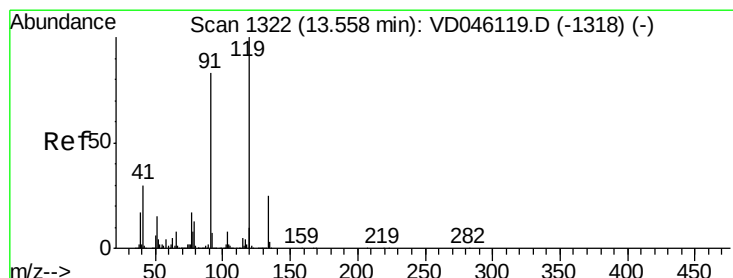
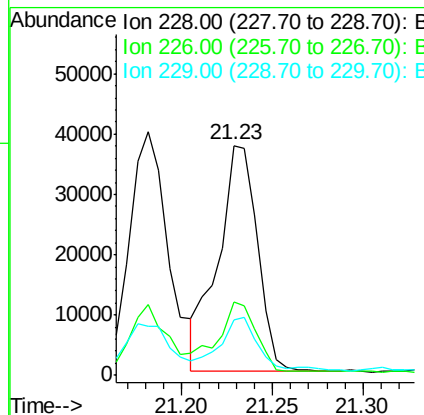
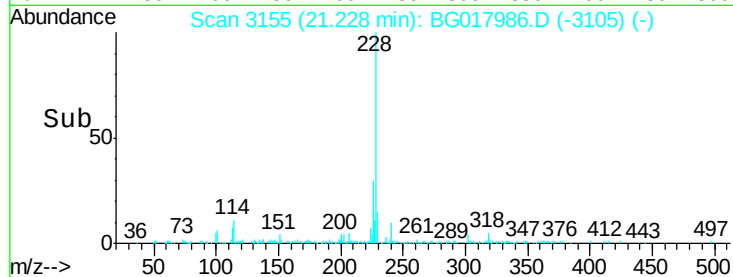
BRIDGE14-10(0-2)



Tgt Ion:	228	Resp:	56908
Ion Ratio	Lower	Upper	
228	100		
226	32.1	26.1	39.1
229	23.9	17.7	26.5

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#83

Bis(2-ethylhexyl)phthalate

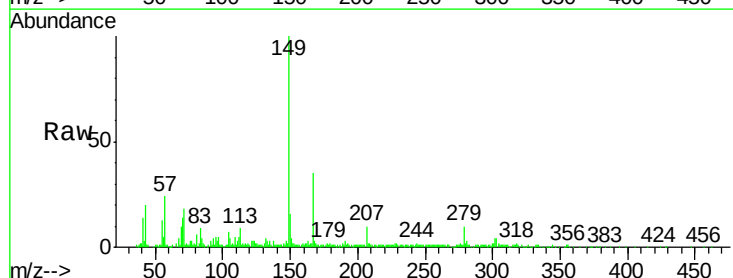
Concen: 2.46 ng

RT: 21.13 min Scan# 3138

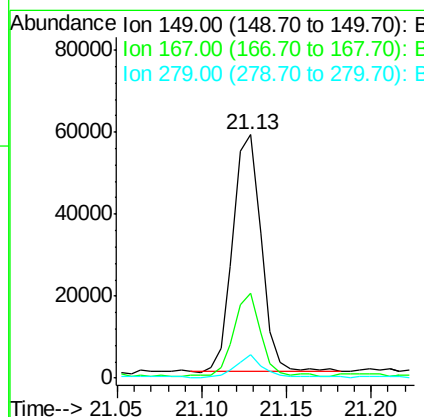
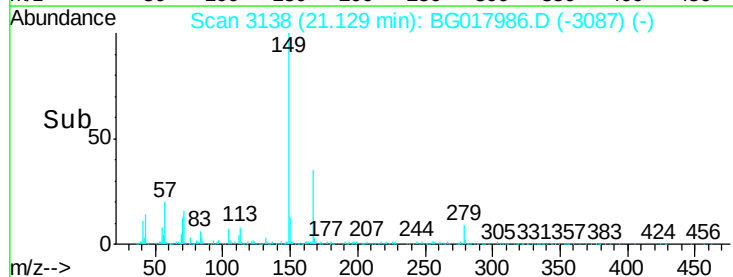
Delta R.T. -0.00 min

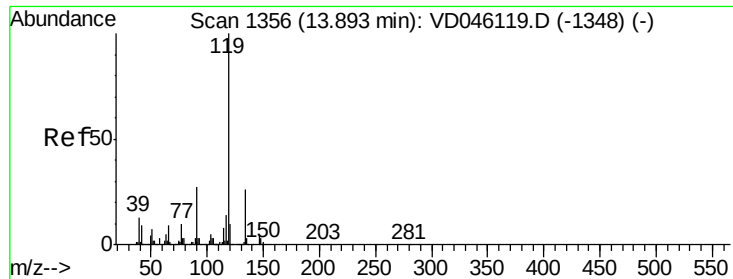
Lab File: BG017986.D

Acq: 20 Jul 2015 13:29



Tgt Ion:	149	Resp:	68193
Ion Ratio	Lower	Upper	
149	100		
167	34.7	26.6	39.8
279	9.9	6.9	10.3





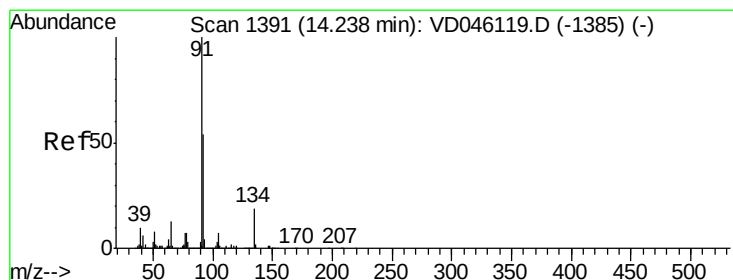
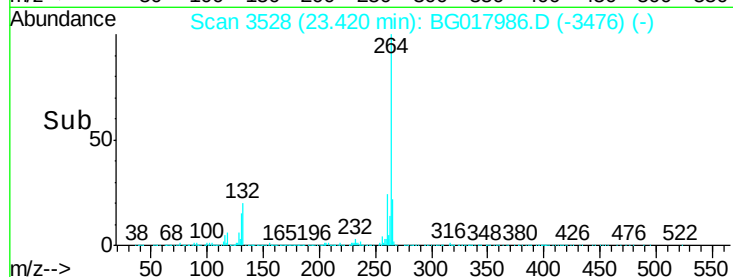
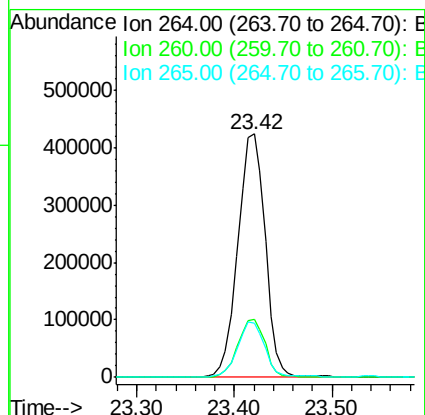
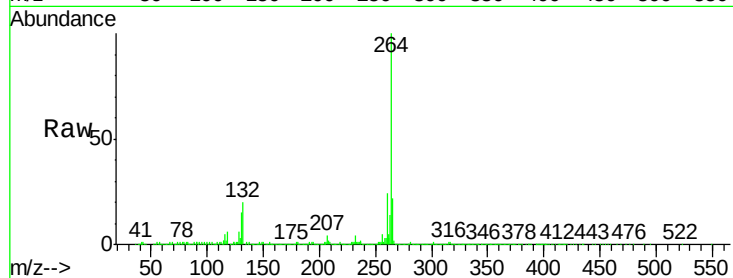
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Instrument :
BNA_G
ClientSampleId :
BRIDGE14-10(0-2)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	826396		
260	24.0	18.6	27.8	
265	22.3	18.2	27.2	

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#89
Benzo(a)pyrene
Concen: 1.35 ng
RT: 23.31 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG017986.D
Acq: 20 Jul 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56726		
253	24.4	19.0	28.6	
125	16.8	11.1	16.7	

