

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016820.D
 Acq On : 30 Apr 2015 5:31
 Operator : TP/IZ
 Sample : G2031-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB3

Manual Integrations
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Quant Time: Apr 30 06:37:09 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	60145	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	261206	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	142250	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	271319	20.00	ng	0.00
75) Chrysene-d12	21.15	240	238054	20.00	ng	0.00
86) Perylene-d12	23.36	264	227708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	78696	24.10	ng	0.00
7) Phenol-d6	6.77	99	103127	22.50	ng	0.00
23) Nitrobenzene-d5	8.72	82	52430	13.08	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	20735	19.57	ng	0.00
44) 2-Fluorobiphenyl	12.83	172	132826	14.46	ng	0.00
78) Terphenyl-d14	19.60	244	141157	14.30	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.01	178	79747	5.43	ng	97
74) Fluoranthene	19.03	202	154188	9.77	ng	99
77) Pyrene	19.40	202	157205	10.10	ng	97
80) Benzo(a)anthracene	21.14	228	78279	5.69	ng	97
82) Chrysene	21.19	228	69886	5.37	ng	99
83) Bis(2-ethylhexyl)phthalate	21.07	149	21870	2.00	ng	96
85) Indeno(1,2,3-cd)pyrene	25.57	276	41640	2.81	ng	92
87) Benzo(b)fluoranthene	22.69	252	91744m	7.08	ng	
88) Benzo(k)fluoranthene	22.73	252	28357m	2.23	ng	
89) Benzo(a)pyrene	23.26	252	66811	5.44	ng	98
91) Benzo(g,h,i)perylene	26.26	276	41628	3.34	ng	99

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

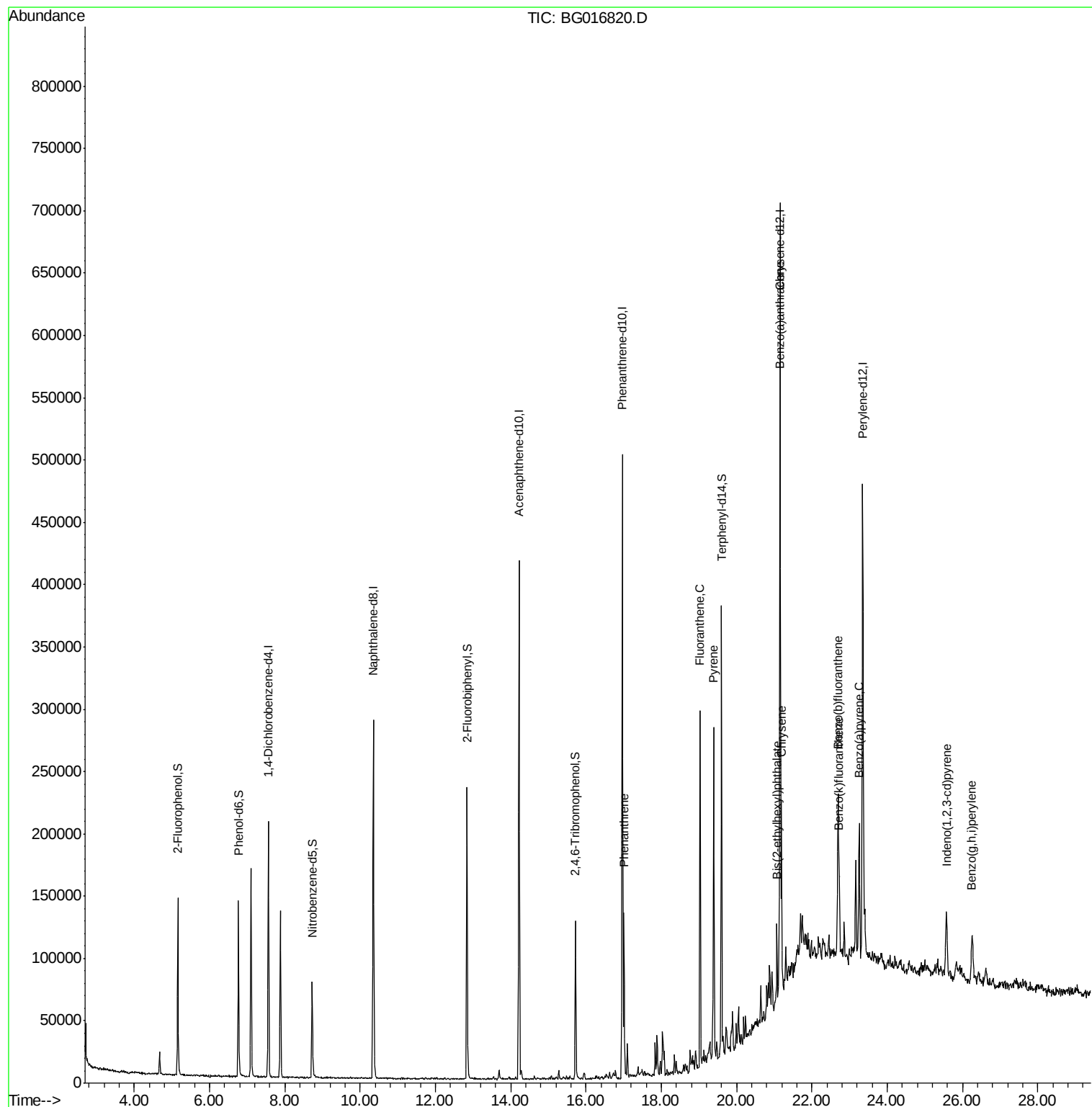
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016820.D
Acq On : 30 Apr 2015 5:31
Operator : TP/IZ
Sample : G2031-03 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

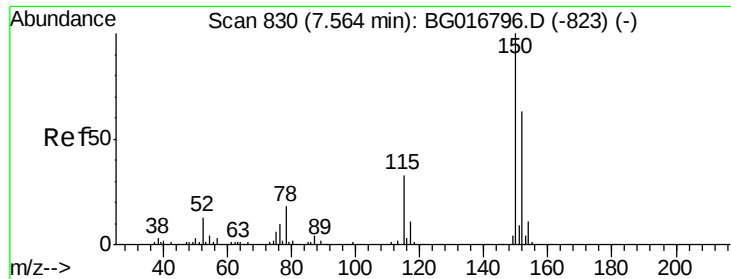
Instrument :
BNA_G
ClientSampleId :
SB3

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Quant Time: Apr 30 06:37:09 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

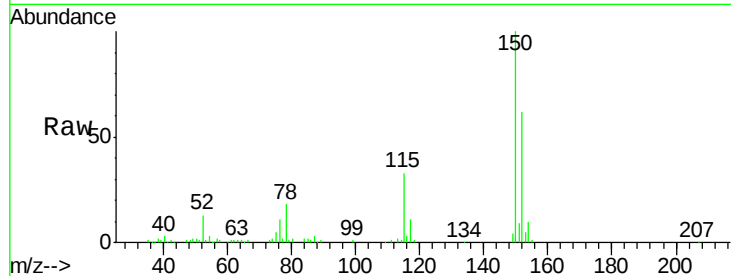
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Instrument :
BNA_G
ClientSampleId :
SB3

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	126.2	189.4
115	52.6	41.1	61.7

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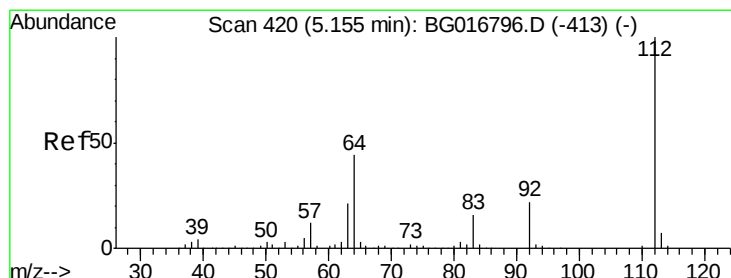
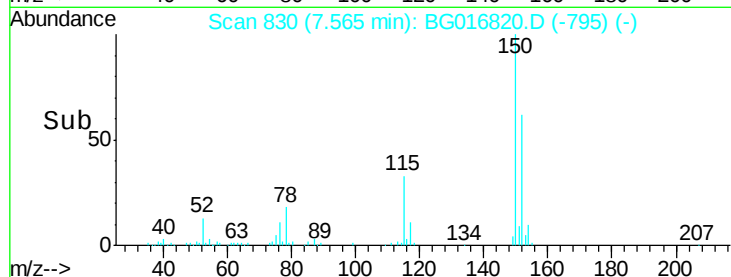
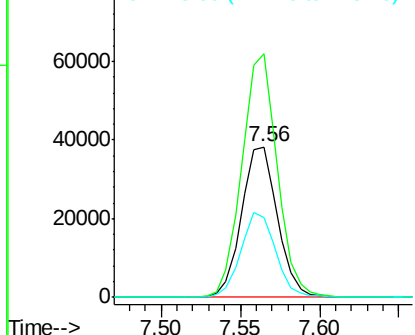


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

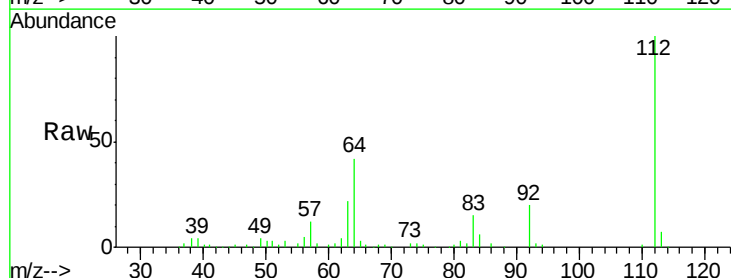
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 24.10 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	35.5	53.3
63	22.3	17.2	25.8

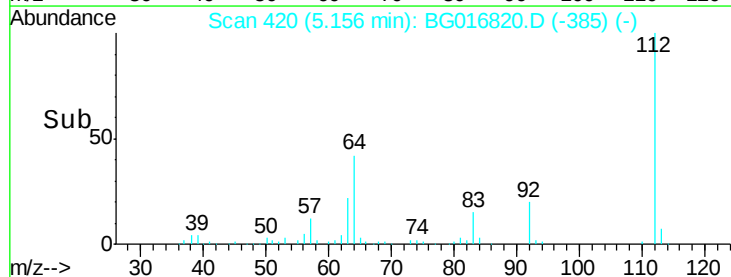
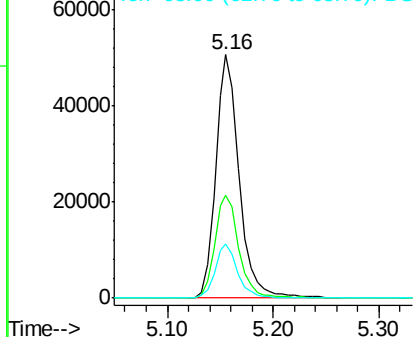


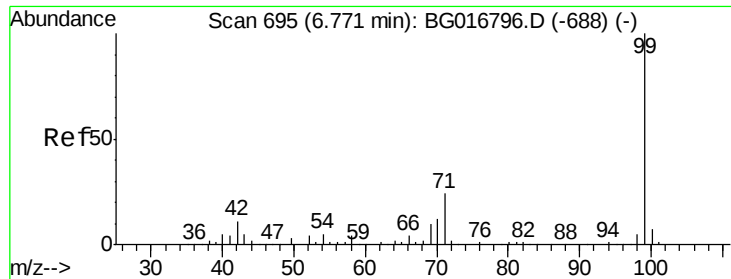
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 22.50 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016820.D

Acq: 30 Apr 2015 5:31

Instrument :

BNA_G

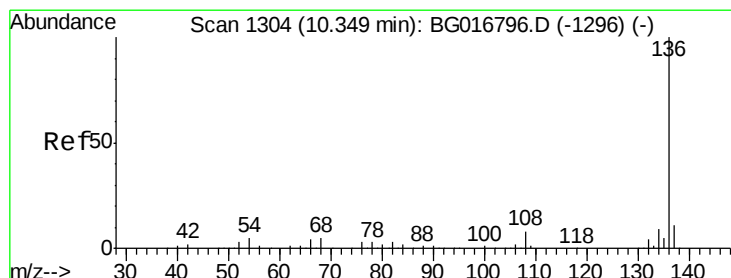
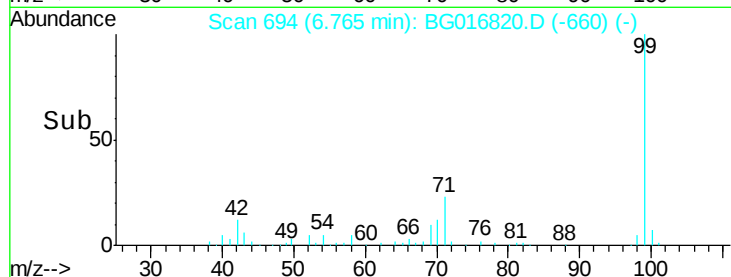
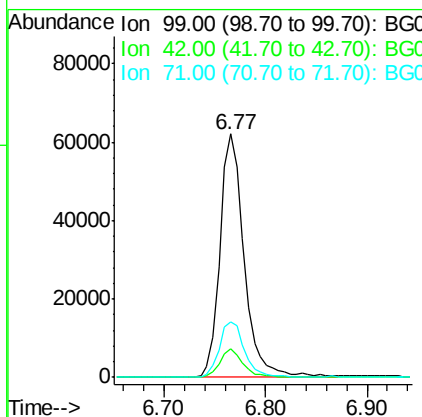
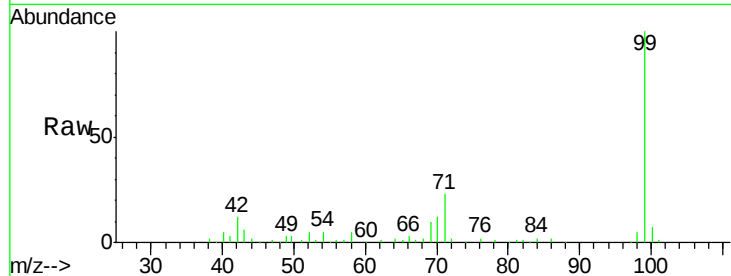
ClientSampleId :

SB3

Tot Ion:	99	Resp:	103127
Ion Ratio	Lower	Upper	
99	100		
42	11.8	8.9	13.3
71	22.8	19.0	28.6

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#21

Naphthalene-d8

Concen: 20.00 ng

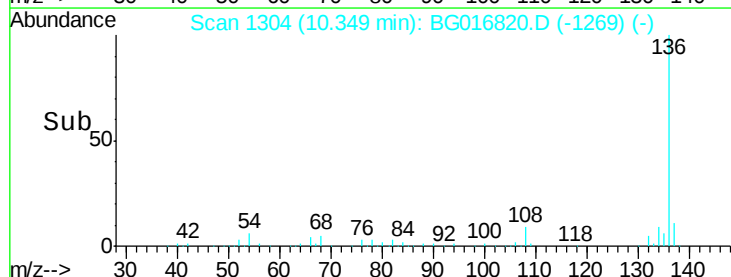
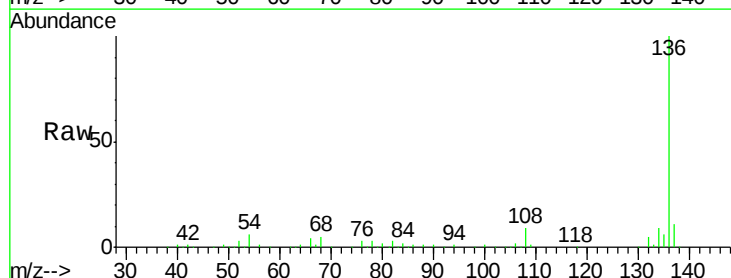
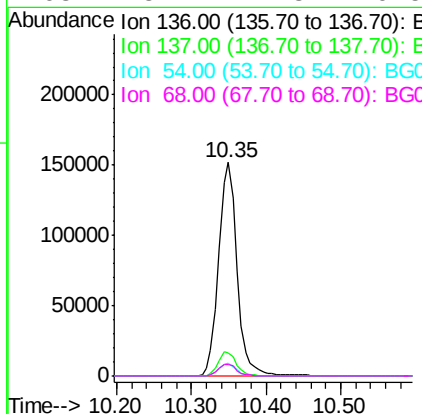
RT: 10.35 min Scan# 1304

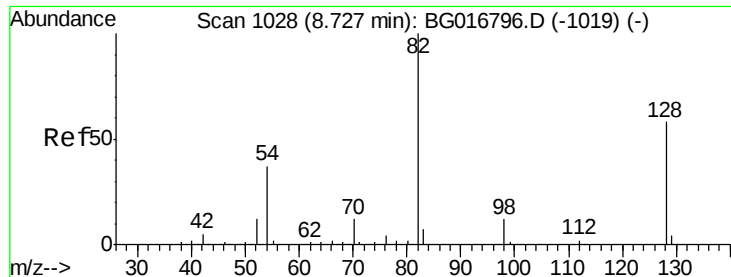
Delta R.T. 0.00 min

Lab File: BG016820.D

Acq: 30 Apr 2015 5:31

Tgt Ion:	136	Resp:	261206
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	6.0	4.3	6.5
68	5.4	4.3	6.5





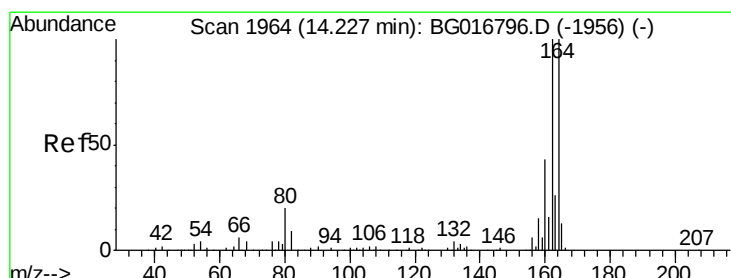
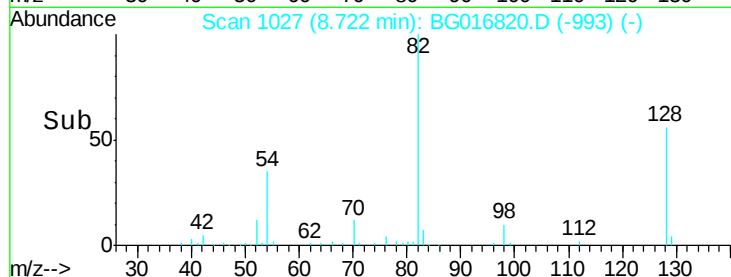
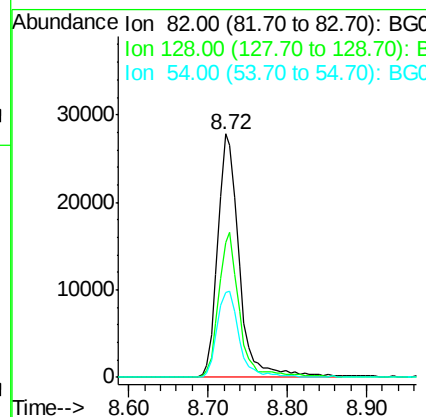
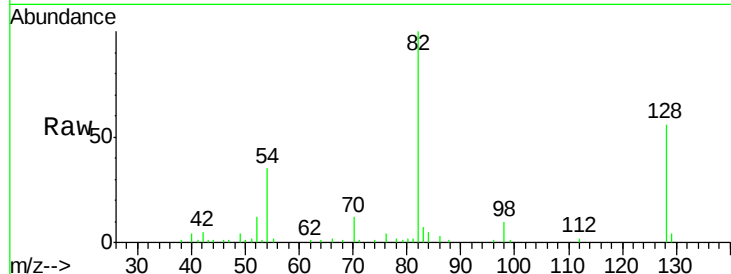
#23
Nitrobenzene-d5
Concen: 13.08 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Instrument :
BNA_G
ClientSampled :
SB3

Tot Ion	Ratio	Resp	Lower	Upper
82	100	52430		
128	55.6	46.3	69.5	
54	34.9	30.0	45.0	

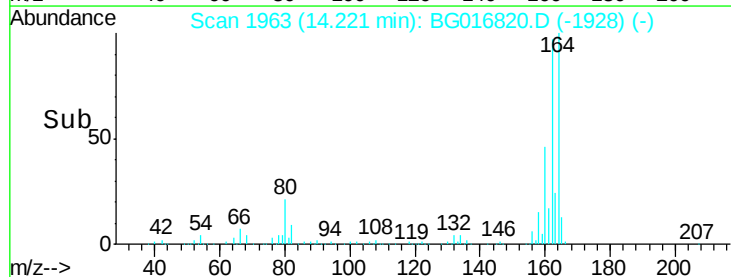
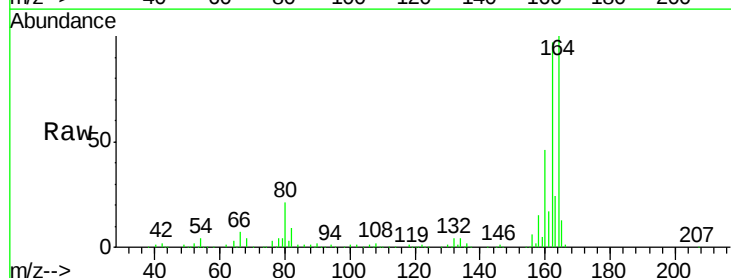
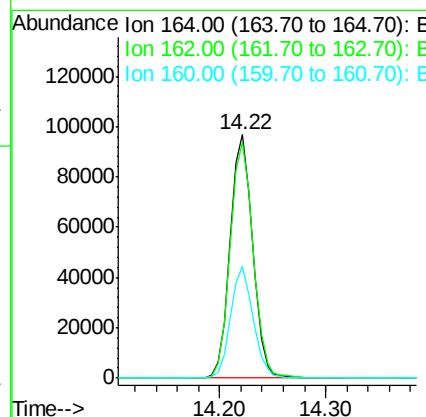
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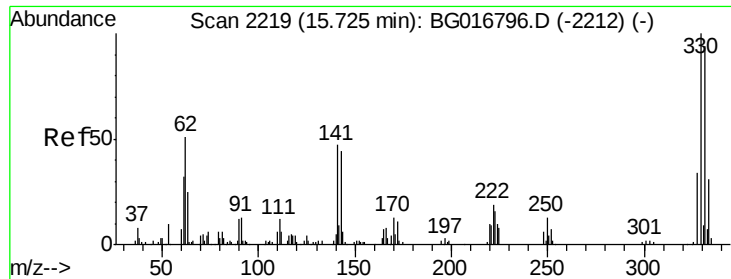
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142250		
162	96.8	80.2	120.4	
160	46.0	34.8	52.2	





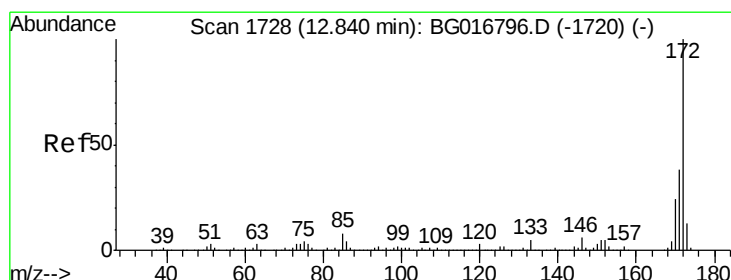
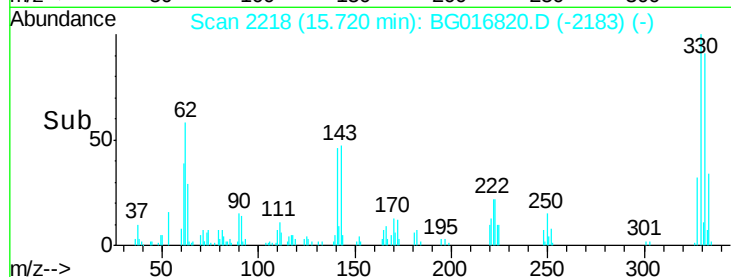
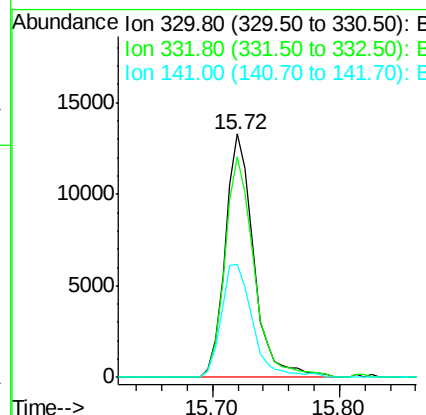
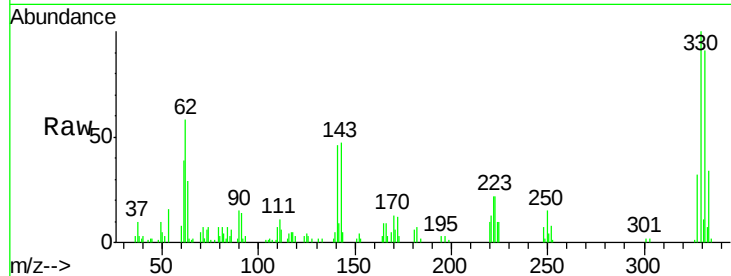
#41
 2,4,6-Tribromophenol
 Concen: 19.57 ng
 RT: 15.72 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: BG016820.D
 Acq: 30 Apr 2015 5:31

Instrument :
 BNA_G
 ClientSampled :
 SB3

Tot Ion	Ratio	Resp	Lower	Upper
330	100	20735		
332	92.5		75.3	112.9
141	51.0		40.7	61.1

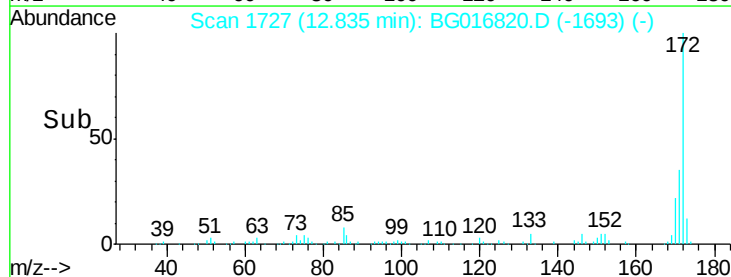
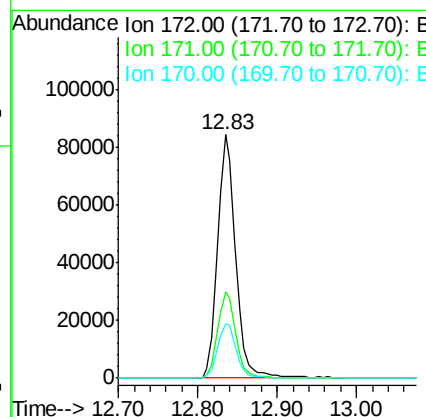
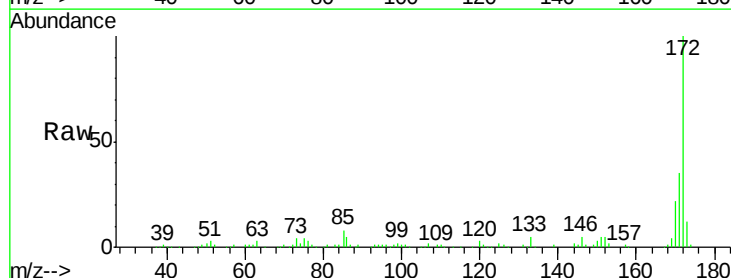
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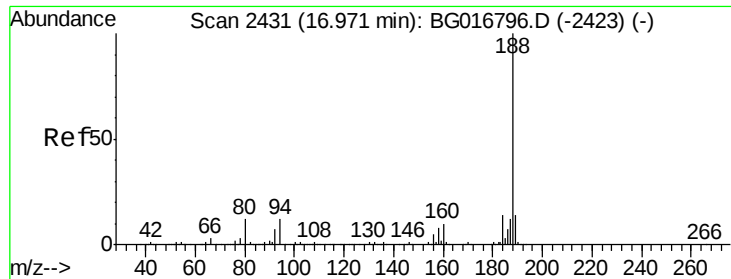
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#44
 2-Fluorobiphenyl
 Concen: 14.46 ng
 RT: 12.83 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BG016820.D
 Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	132826		
171	35.4		30.2	45.4
170	22.3		19.4	29.0





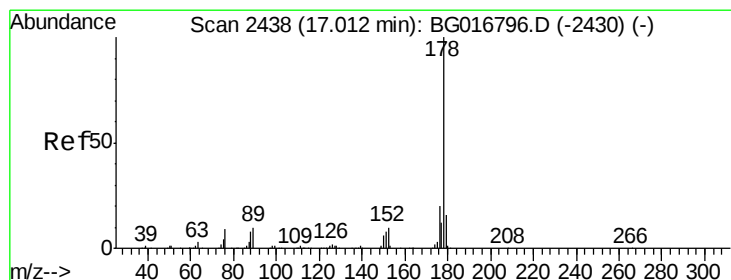
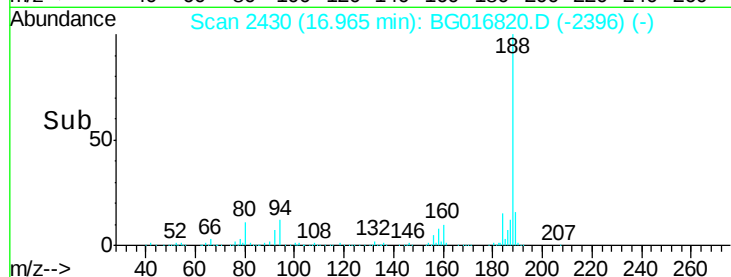
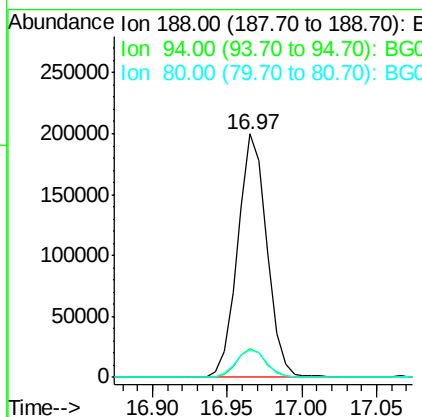
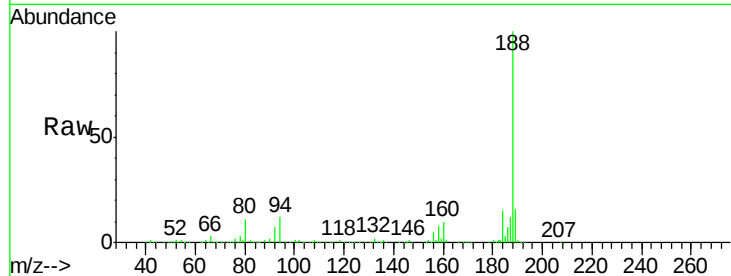
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Instrument :
BNA_G
ClientSampleId :
SB3

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.8	9.5	14.3
80	11.1	9.2	13.8

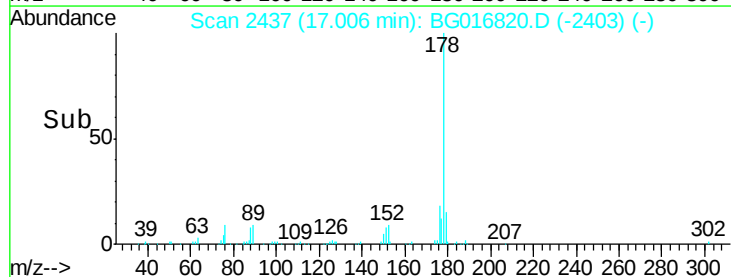
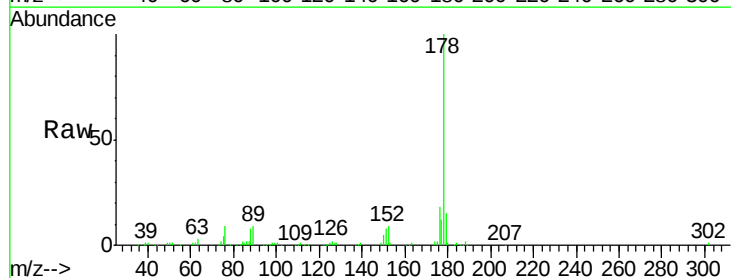
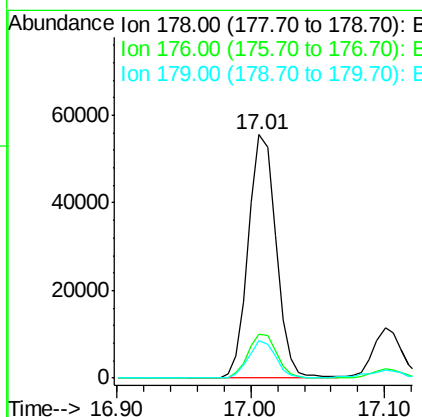
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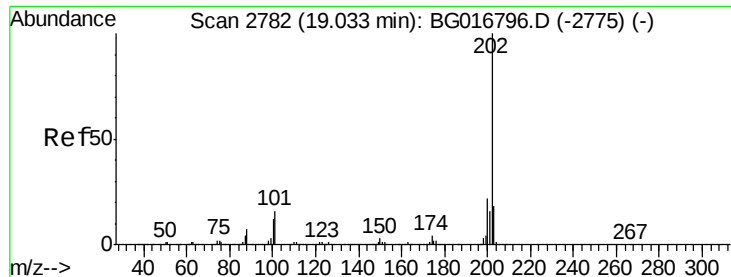
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#70
Phenanthrene
Concen: 5.43 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	18.2	15.9	23.9
179	15.2	12.7	19.1





#74

Fluoranthene

Concen: 9.77 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016820.D

Acq: 30 Apr 2015 5:31

Instrument :

BNA_G

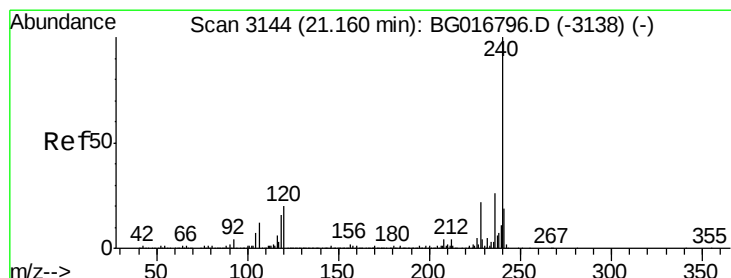
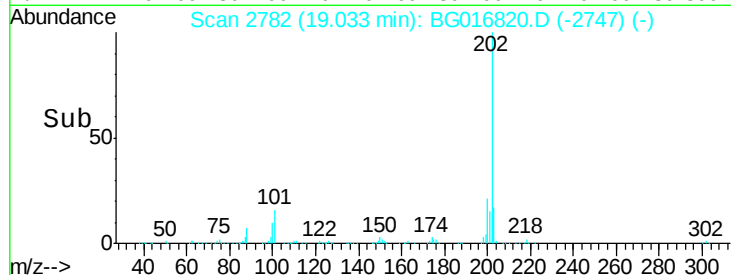
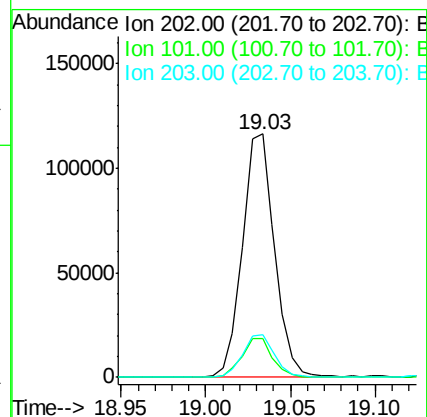
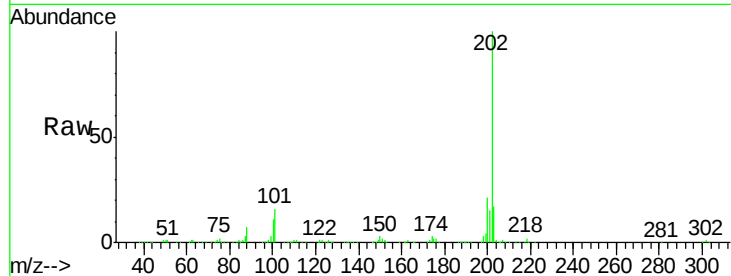
ClientSampleId :

SB3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		154188		
101	15.9	0.0	36.2		
203	17.3	0.0	37.6		

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#75

Chrysene-d12

Concen: 20.00 ng

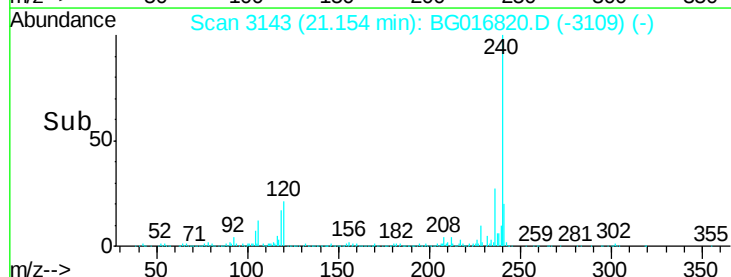
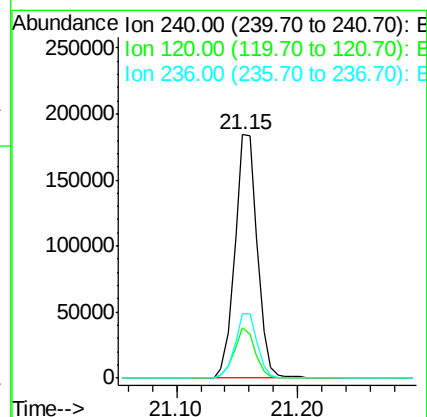
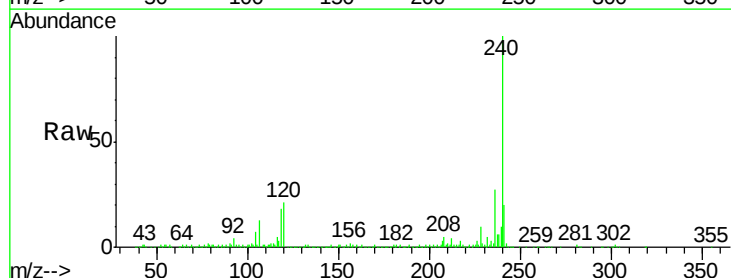
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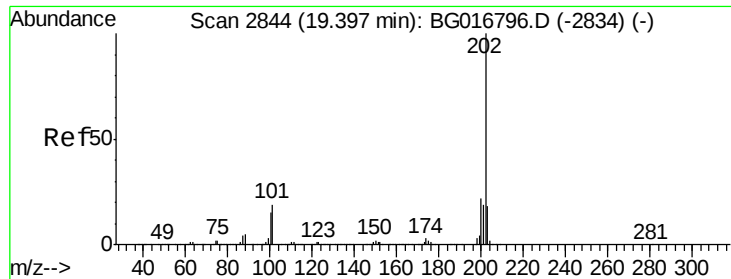
Delta R.T. -0.00 min

Lab File: BG016820.D

Acq: 30 Apr 2015 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		238054		
120	20.8	16.1	24.1		
236	26.6	21.0	31.6		





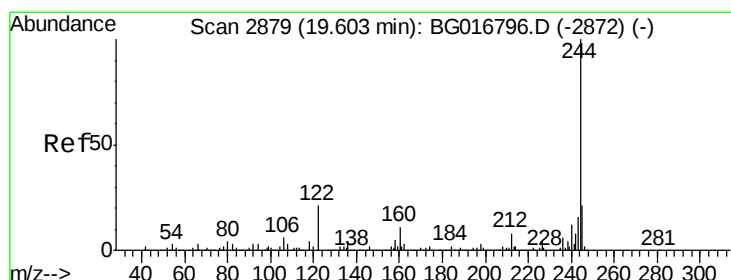
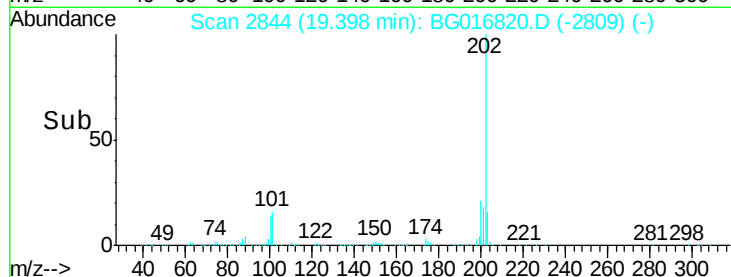
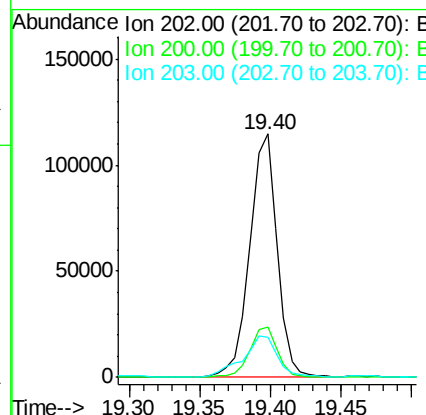
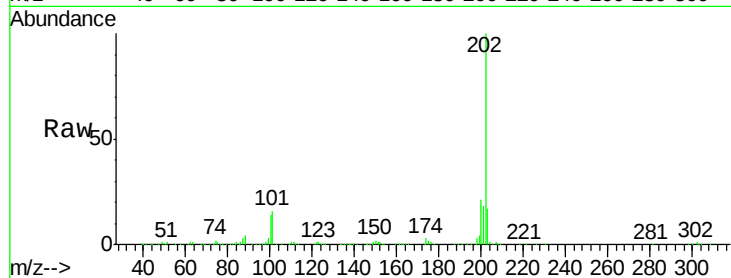
#77
Pvrene
Concen: 10.10 ng
RT: 19.40 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Instrument :
BNA_G
ClientSampleId :
SB3

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	16.6	14.6	22.0

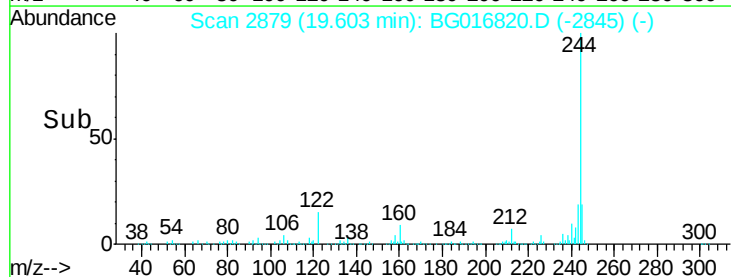
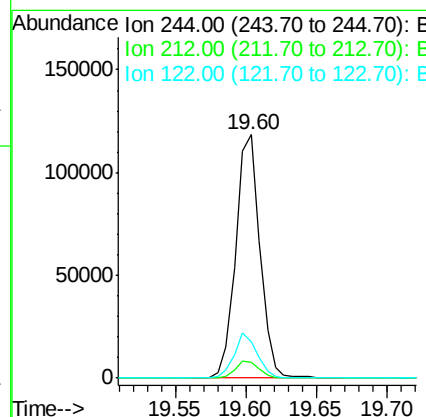
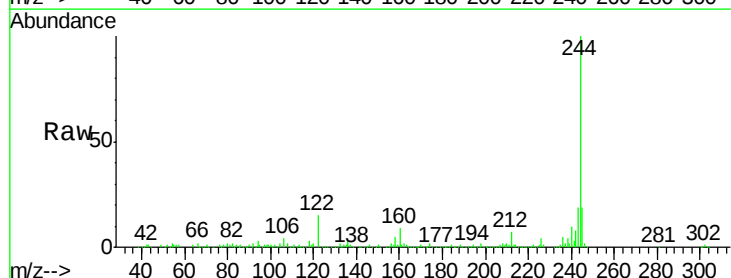
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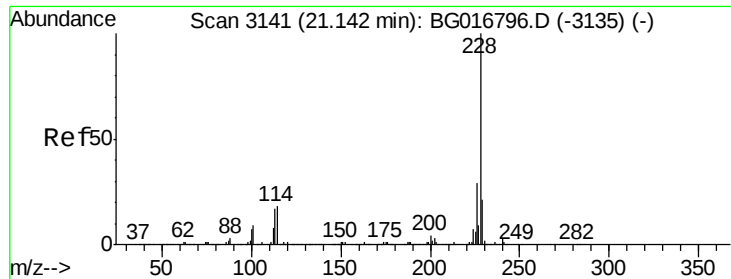
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#78
Terphenyl-d14
Concen: 14.30 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.4	9.6
122	15.0	16.4	24.6





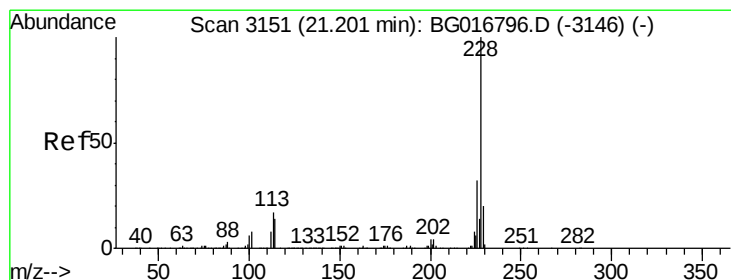
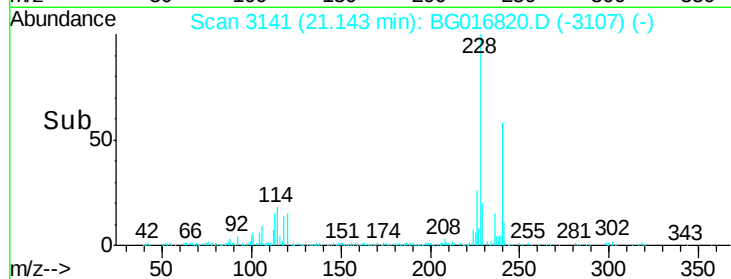
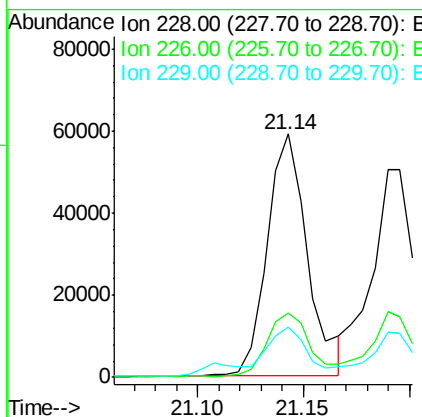
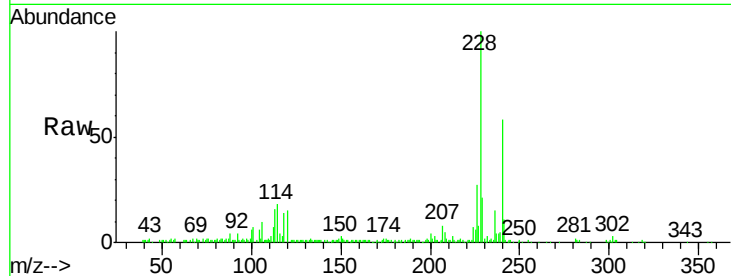
#80
Benzo(a)anthracene
Concen: 5.69 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Instrument :
BNA_G
ClientSampleId :
SB3

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	23.4	35.0
229	20.9	17.0	25.6

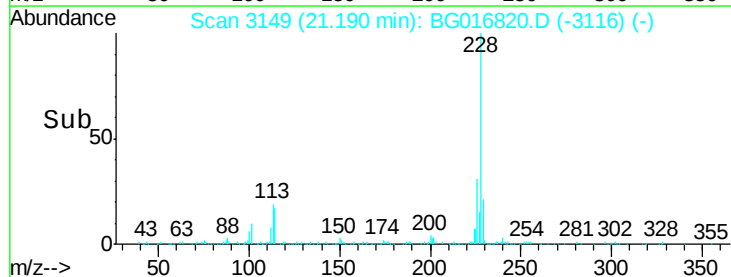
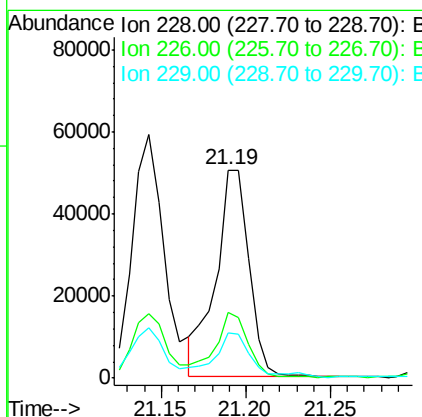
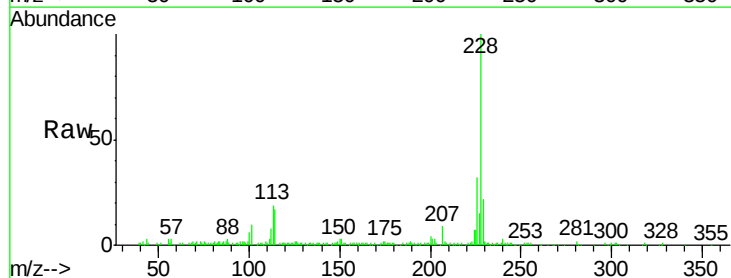
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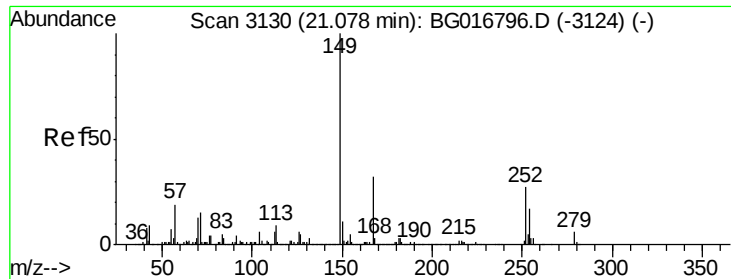
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#82
Chrysene
Concen: 5.37 ng
RT: 21.19 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.1	37.7
229	21.6	16.1	24.1





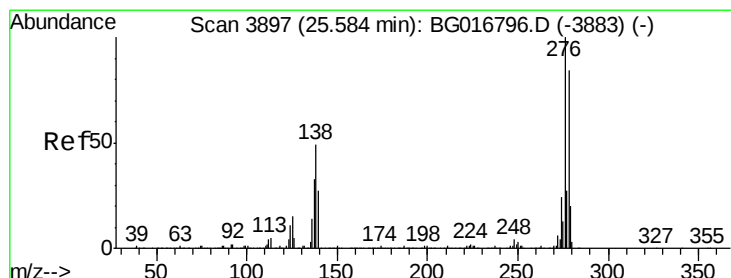
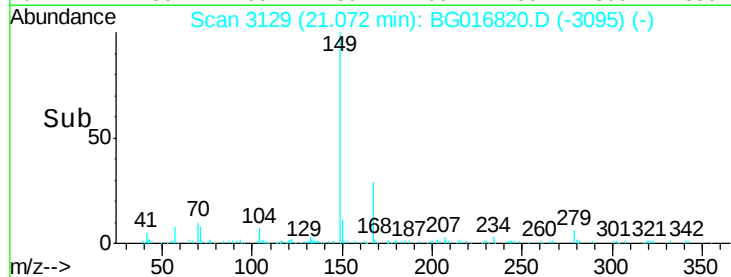
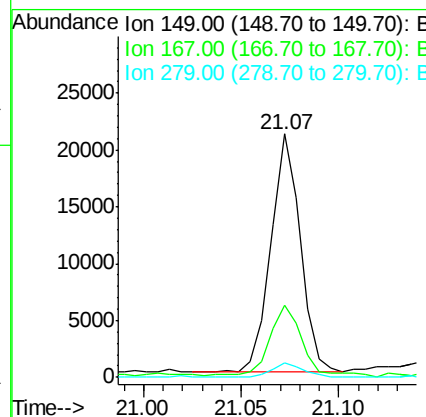
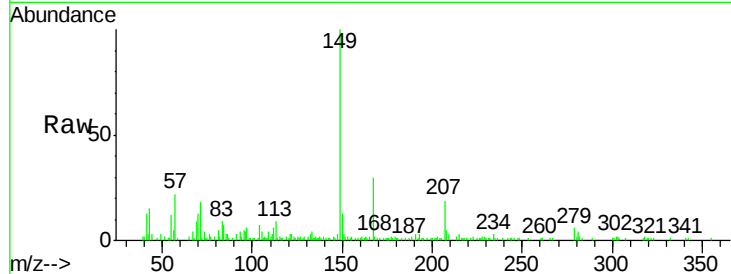
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.00 ng
 RT: 21.07 min Scan# 3129
 Delta R.T. -0.00 min
 Lab File: BG016820.D
 Acq: 30 Apr 2015 5:31

Instrument :
 BNA_G
 ClientSampled :
 SB3

Tot Ion	Ratio	Resp	Lower	Upper
149	100	21870		
167	29.6	25.9	38.9	
279	5.8	5.0	7.4	

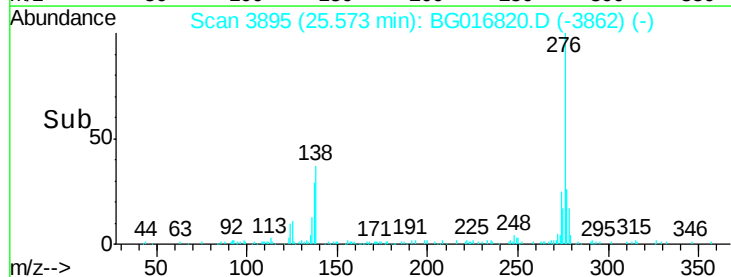
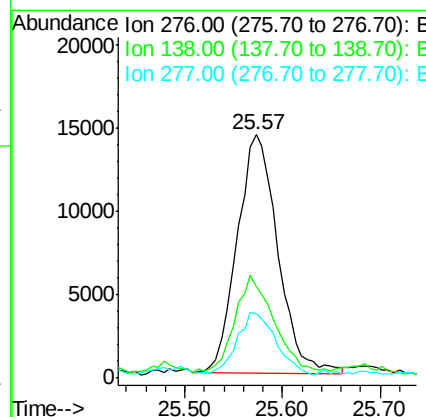
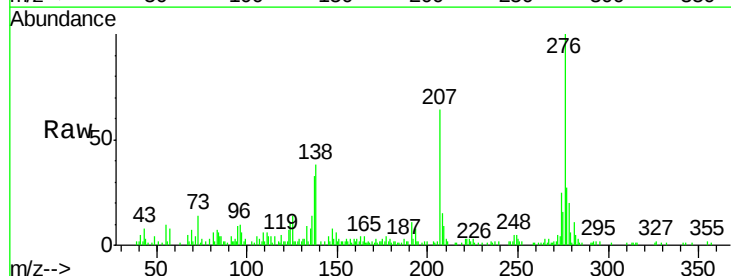
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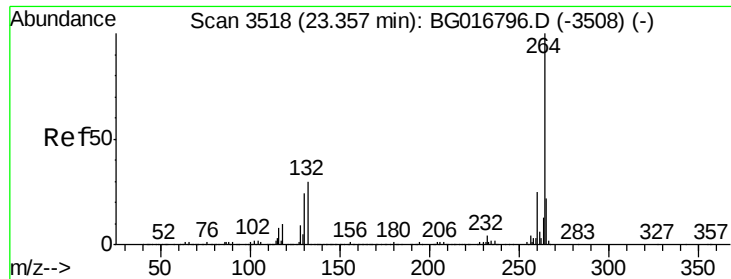
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.81 ng
 RT: 25.57 min Scan# 3895
 Delta R.T. -0.01 min
 Lab File: BG016820.D
 Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	41640		
138	39.7	37.0	55.6	
277	25.0	21.4	32.0	





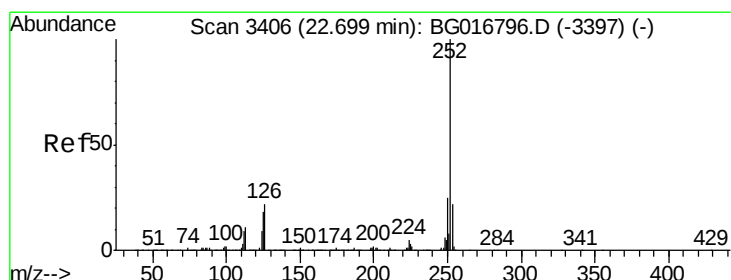
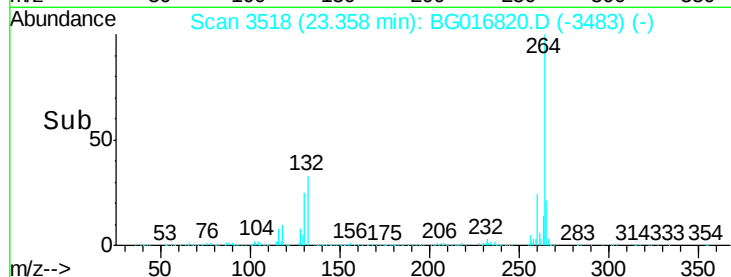
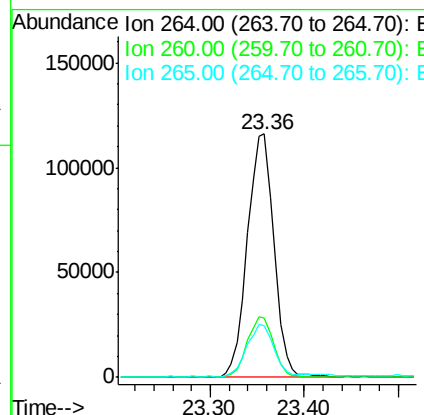
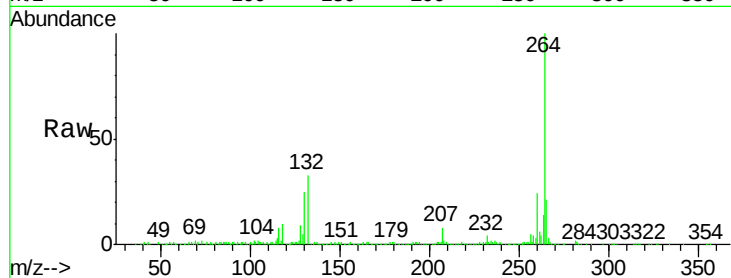
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Instrument :
BNA_G
ClientSampleId :
SB3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.4	17.4	26.2

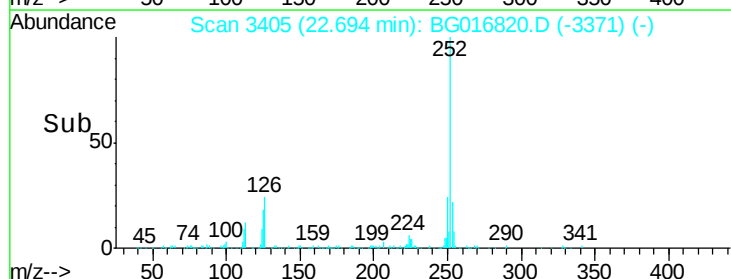
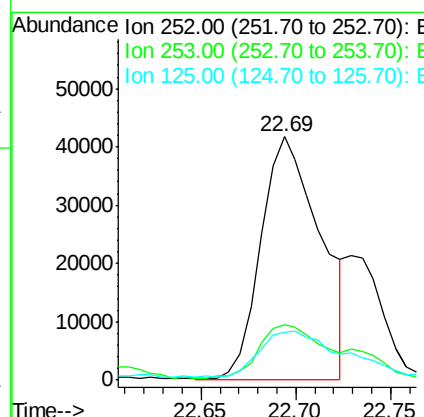
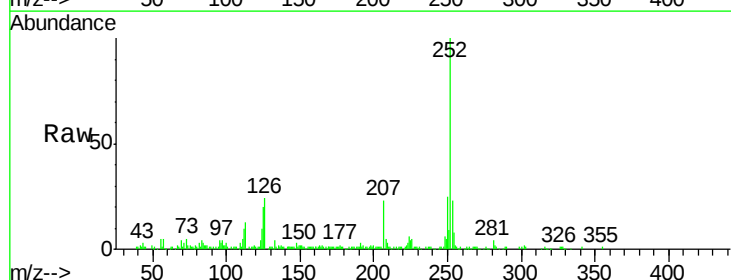
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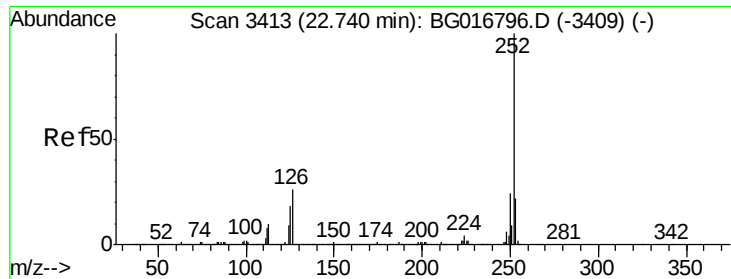
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#87
Benzo(b)fluoranthene
Concen: 7.08 ng m
RT: 22.69 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016820.D
Acq: 30 Apr 2015 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	19.8	14.2	21.2





#88

Benzo(k)fluoranthene

Concen: 2.23 ng

RT: 22.73 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BG016820.D

Acq: 30 Apr 2015 5:31

Instrument :

BNA_G

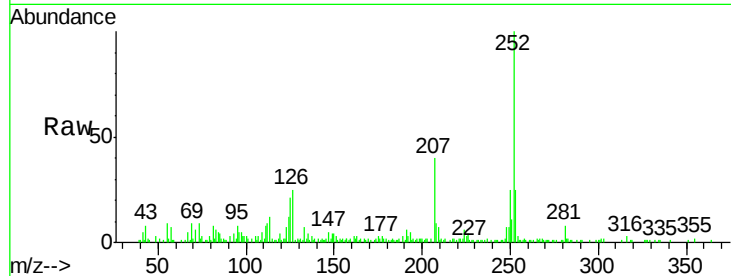
ClientSampled :

SB3

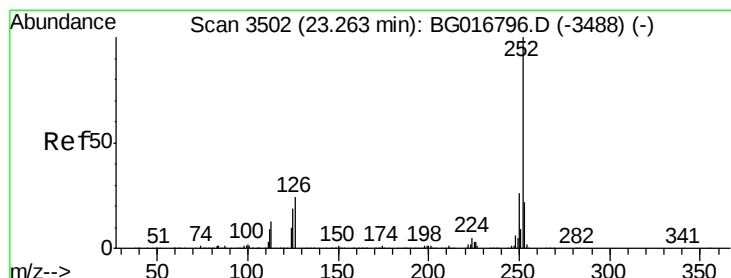
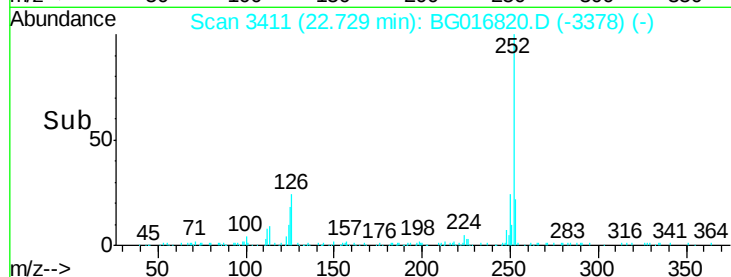
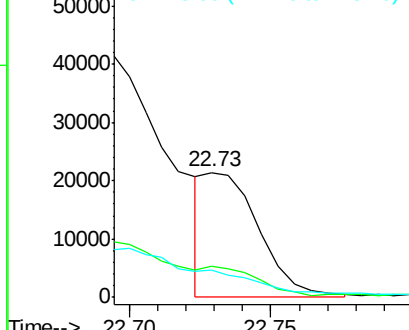
Tot Ion:	252	Resp:	28357
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.7	26.5
125	21.5	14.5	21.7

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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: 5.44 ng

RT: 23.26 min Scan# 3501

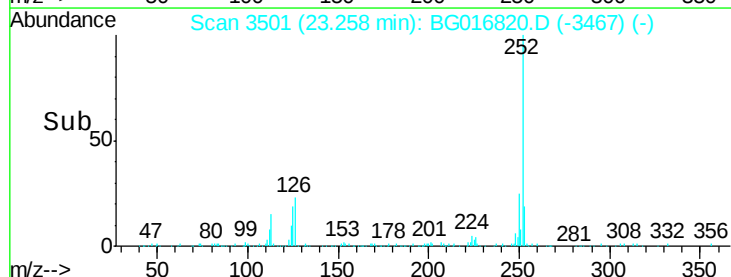
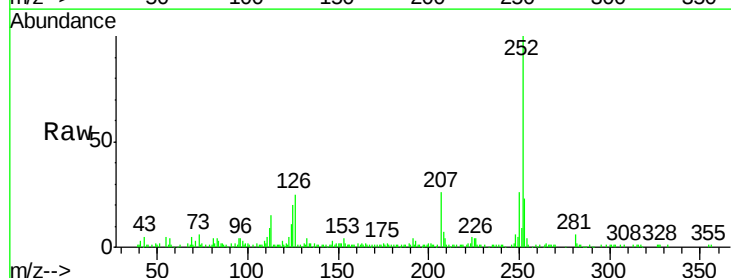
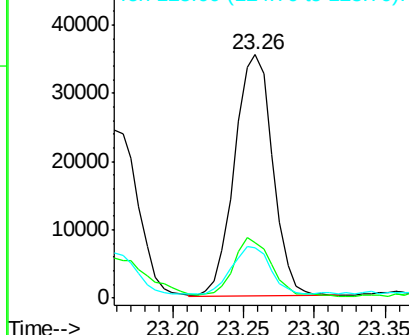
Delta R.T. -0.00 min

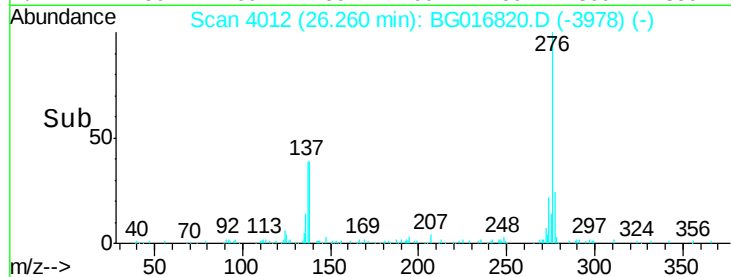
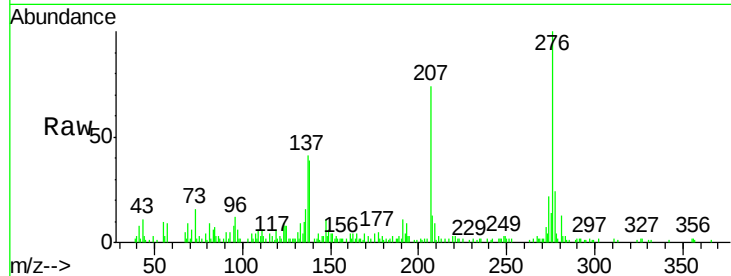
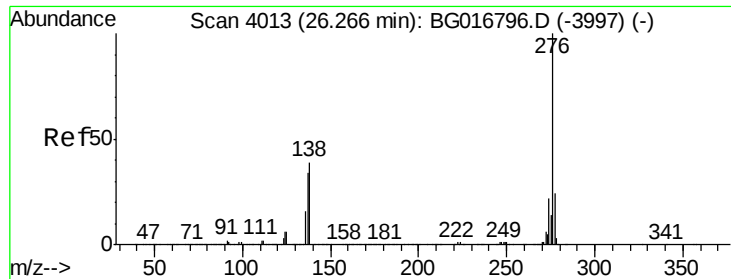
Lab File: BG016820.D

Acq: 30 Apr 2015 5:31

Tgt Ion:	252	Resp:	66811
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.9	26.9
125	20.5	15.0	22.4

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(a,h,i)perylene
 Concen: 3.34 ng
 RT: 26.26 min Scan# 4012
 Delta R.T. -0.00 min
 Lab File: BG016820.D
 Acq: 30 Apr 2015 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SB3

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	39.2	31.0	46.4

Manual Integrations
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