

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016818.D
 Acq On : 30 Apr 2015 4:22
 Operator : TP/IZ
 Sample : G2031-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB8

Manual Integrations
 APPROVED

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 5/1/2015 8:57:59 AM

Quant Time: Apr 30 05:23:08 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	56236	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	247103	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	143896	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	282864	20.00	ng	0.00
75) Chrysene-d12	21.16	240	240989	20.00	ng	0.00
86) Perylene-d12	23.36	264	229864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	448194	146.81	ng	0.00
7) Phenol-d6	6.77	99	627404	146.41	ng	0.00
23) Nitrobenzene-d5	8.72	82	318537	83.97	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	138669	129.39	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	734202	79.00	ng	0.00
78) Terphenyl-d14	19.60	244	808947	80.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.69	163	45679	4.43	ng	99
74) Fluoranthene	19.03	202	55925	3.40	ng	96
77) Pyrene	19.39	202	52168	3.31	ng	98
87) Benzo(b)fluoranthene	22.69	252	34405m	2.63	ng	

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

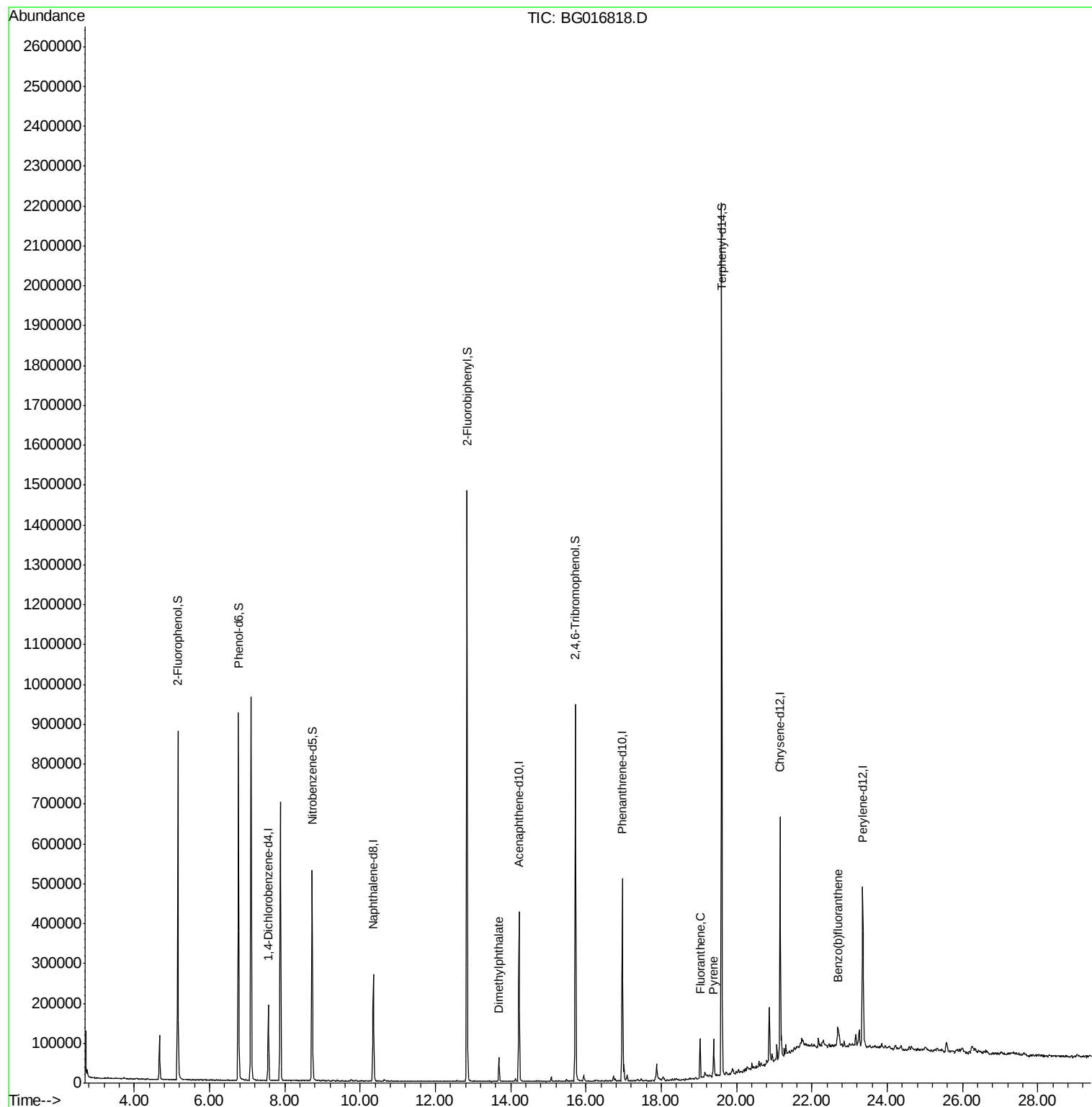
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
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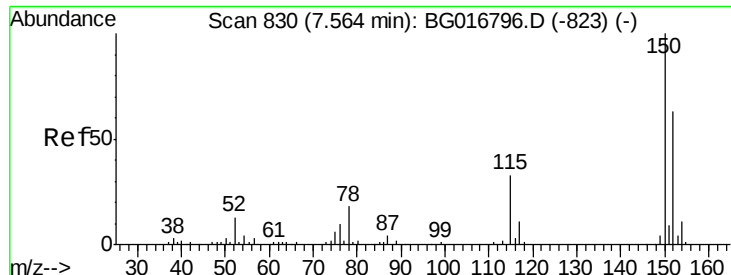
Instrument :
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#1

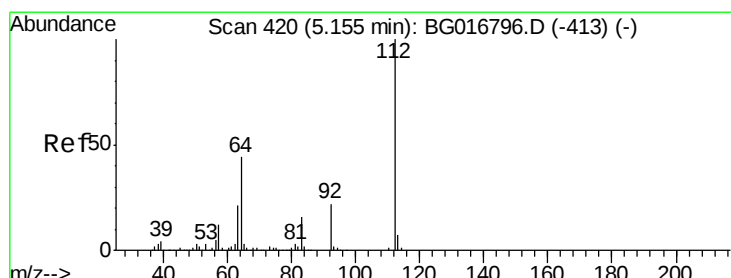
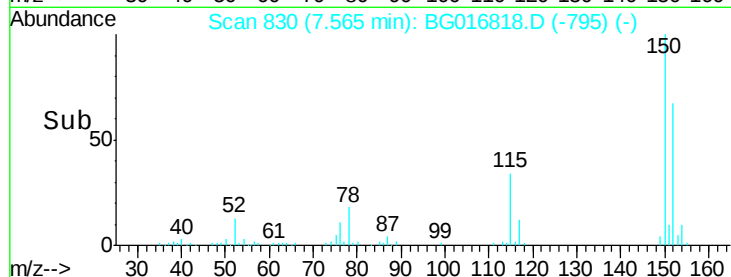
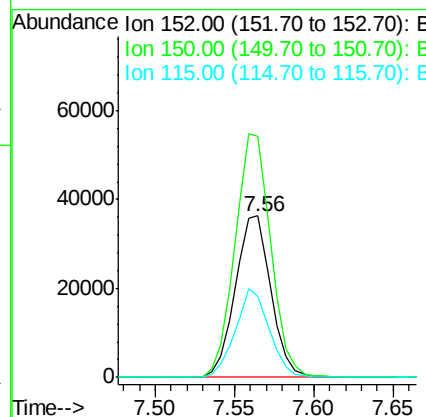
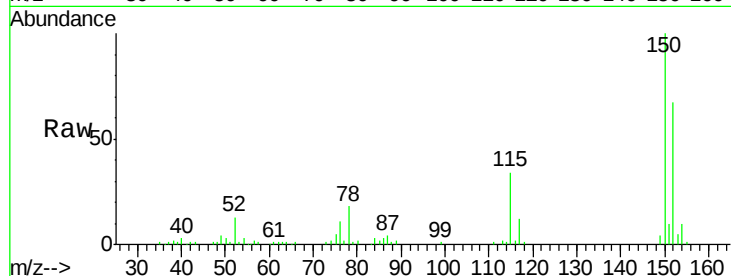
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Instrument :
BNA_G
ClientSampleId :
SB8

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	149.6	126.2	189.4	
115	50.3	41.1	61.7	

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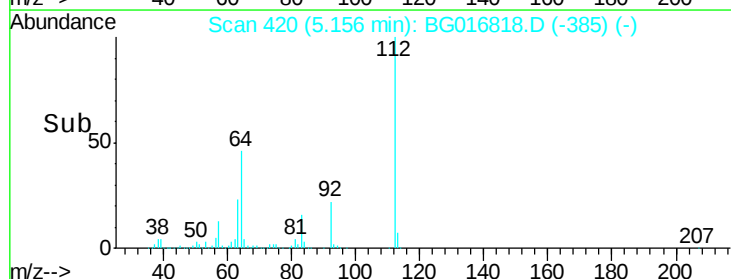
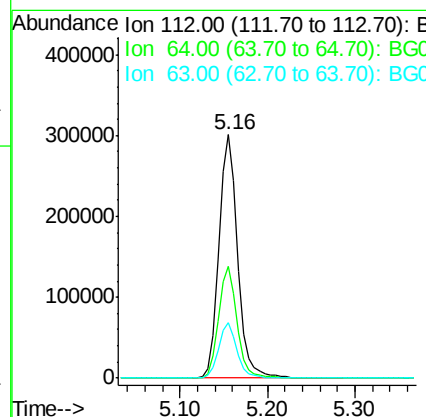
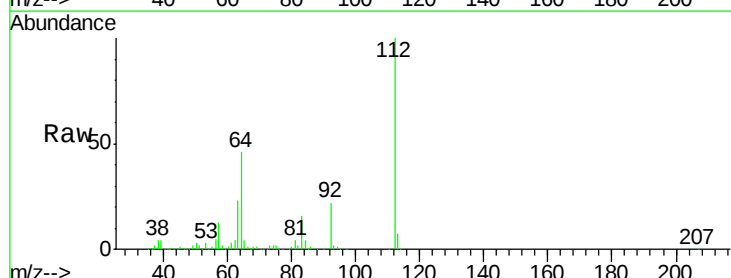
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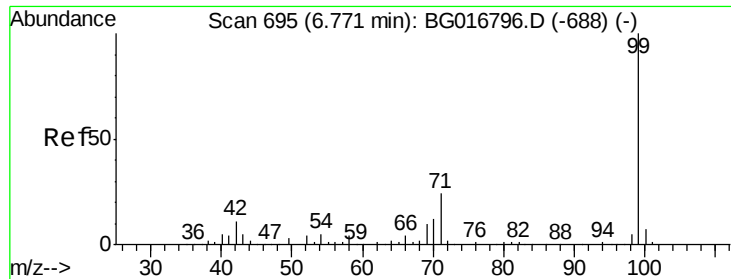


#5

2-Fluorophenol
Concen: 146.81 ng
RT: 5.16 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
64	46.0	35.5	53.3	
63	22.9	17.2	25.8	





#7

Phenol-d6

Concen: 146.41 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

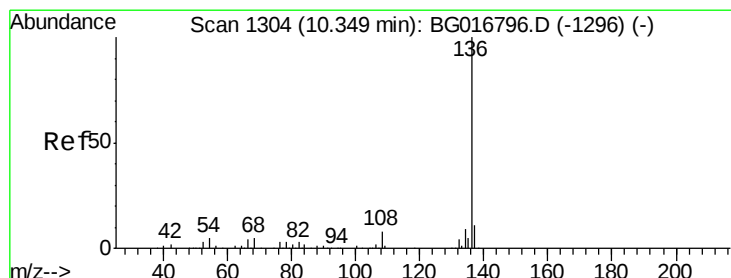
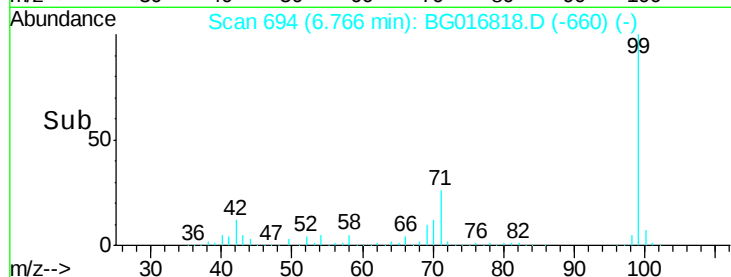
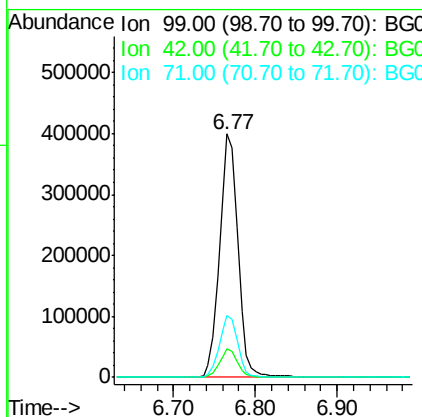
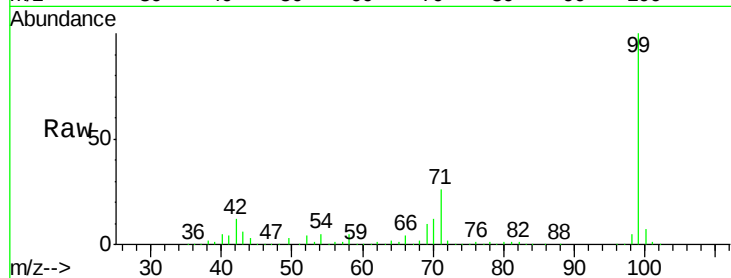
ClientSampleId :

SB8

Tot Ion:	99	Resp:	627404
Ion	Ratio	Lower	Upper
99	100		
42	11.7	8.9	13.3
71	25.6	19.0	28.6

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#21

Naphthalene-d8

Concen: 20.00 ng

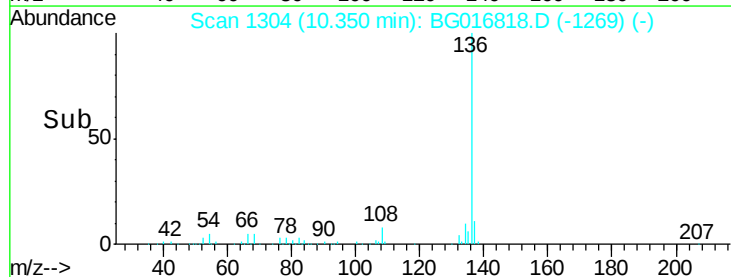
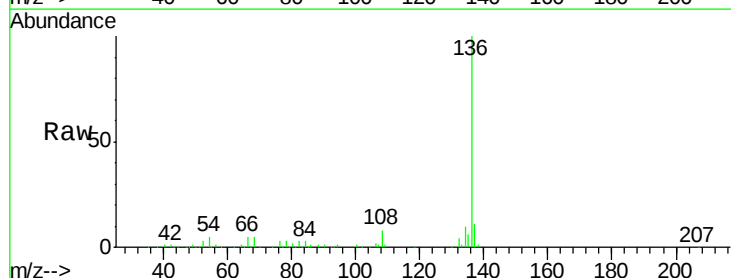
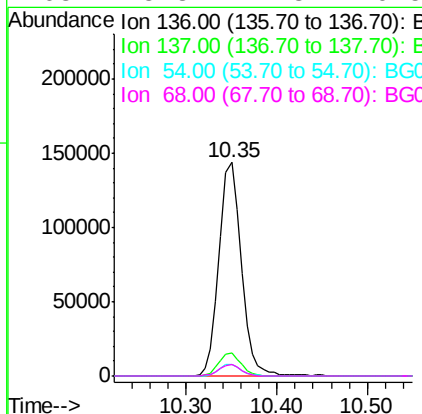
RT: 10.35 min Scan# 1304

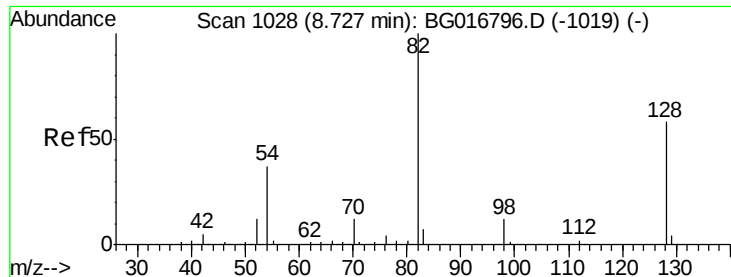
Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Tgt Ion:	136	Resp:	247103
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.5	4.3	6.5
68	5.3	4.3	6.5





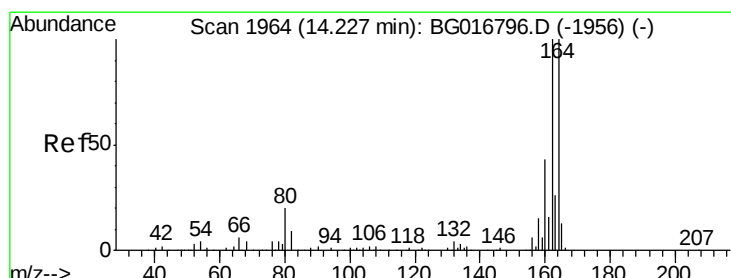
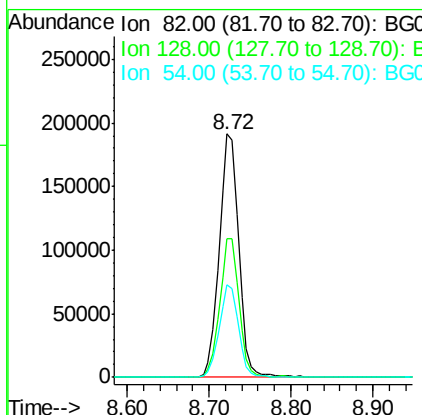
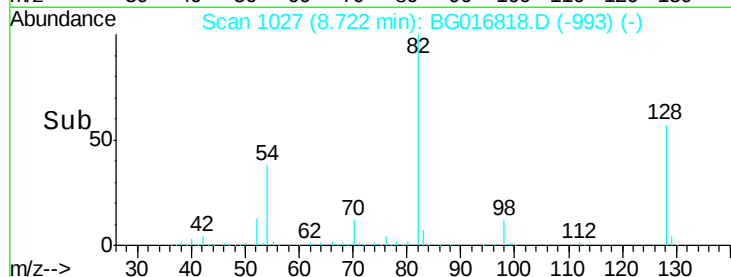
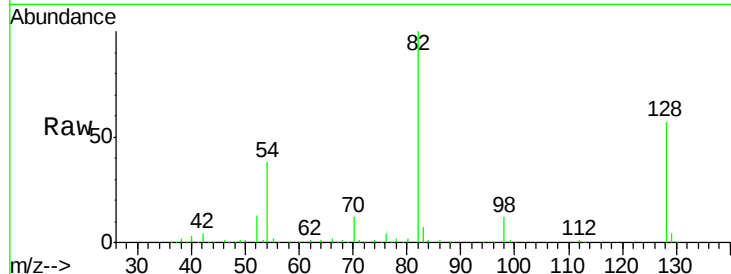
#23
 Nitrobenzene-d5
 Concen: 83.97 ng
 RT: 8.72 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG016818.D
 Acq: 30 Apr 2015 4:22

Instrument :
 BNA_G
 ClientSampleId :
 SB8

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	57.0	46.3	69.5	
54	38.0	30.0	45.0	

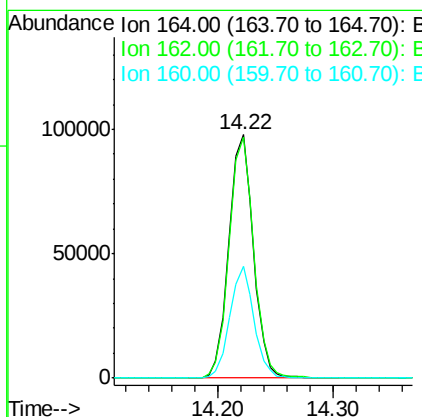
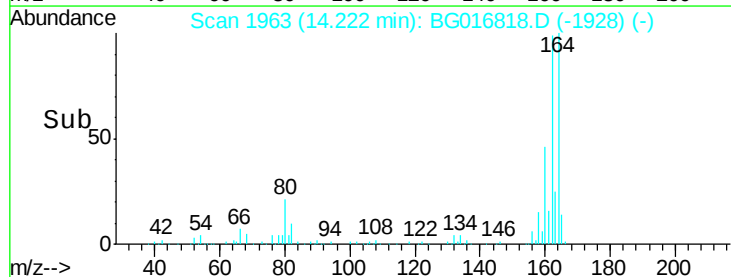
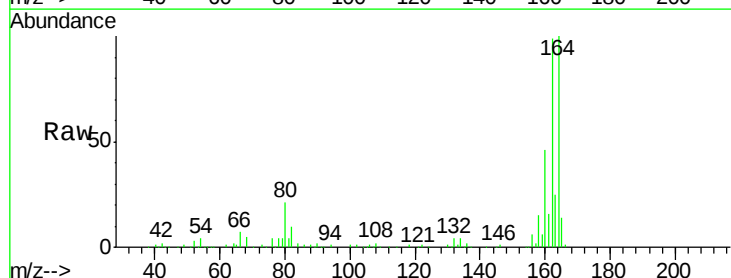
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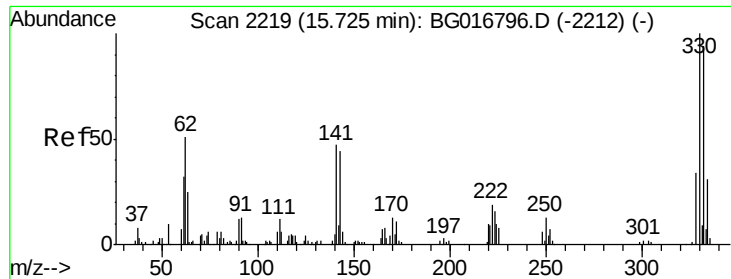
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: BG016818.D
 Acq: 30 Apr 2015 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.8	80.2	120.4	
160	46.1	34.8	52.2	





#41

2,4,6-Tribromophenol

Concen: 129.39 ng

RT: 15.72 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

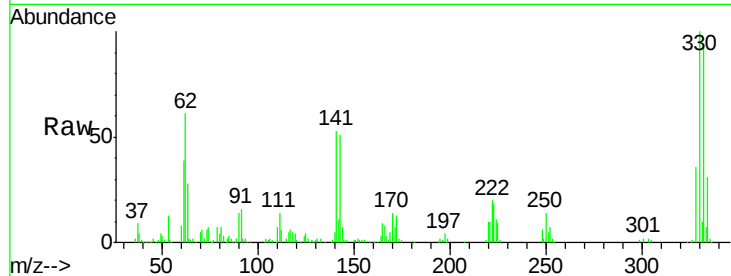
ClientSampleId :

SB8

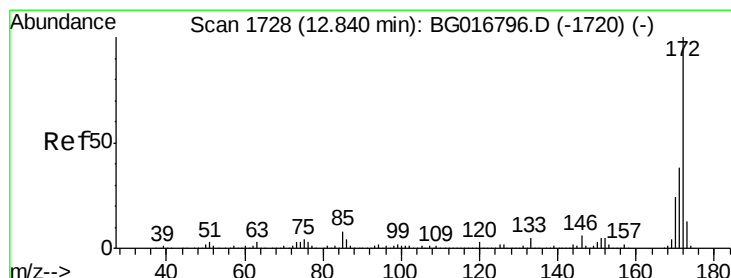
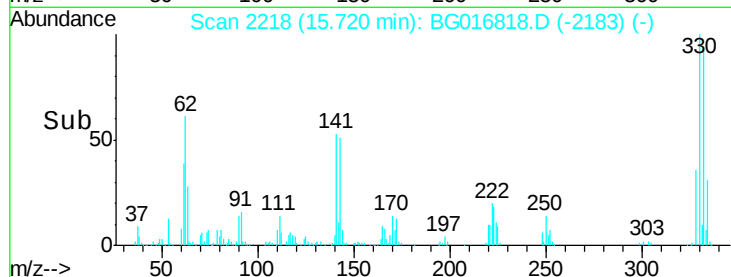
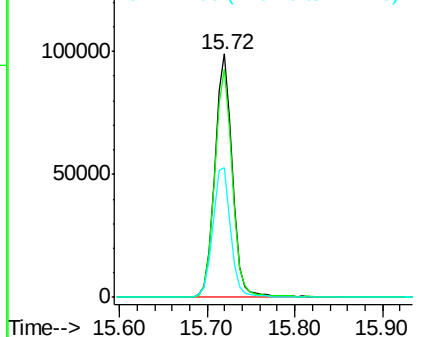
Tot Ion:	330	Resp:	138669
Ion Ratio	Lower	Upper	
330	100		
332	94.1	75.3	112.9
141	54.3	40.7	61.1

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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: 79.00 ng

RT: 12.84 min Scan# 1727

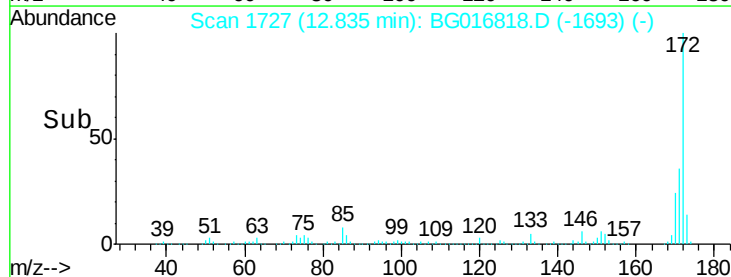
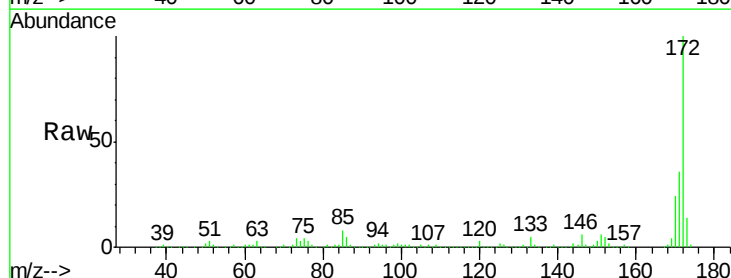
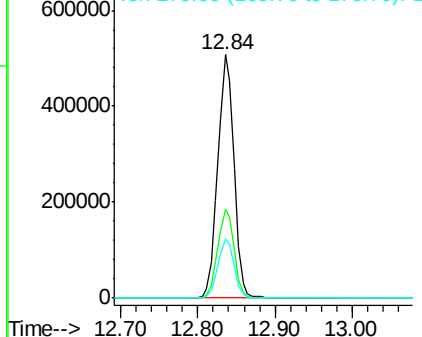
Delta R.T. -0.00 min

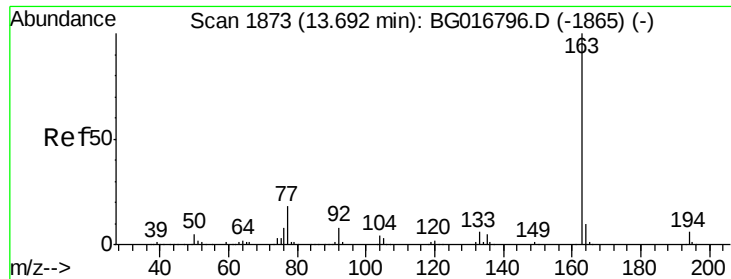
Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Tgt Ion:	172	Resp:	734202
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.2	45.4
170	24.2	19.4	29.0

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





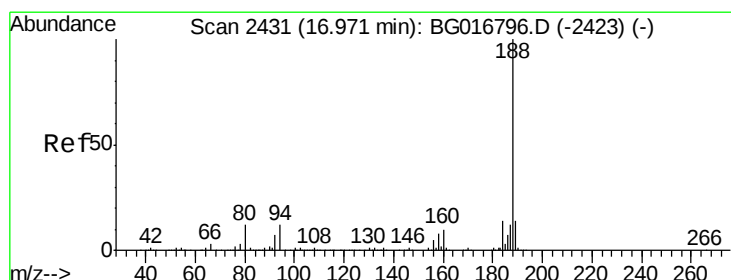
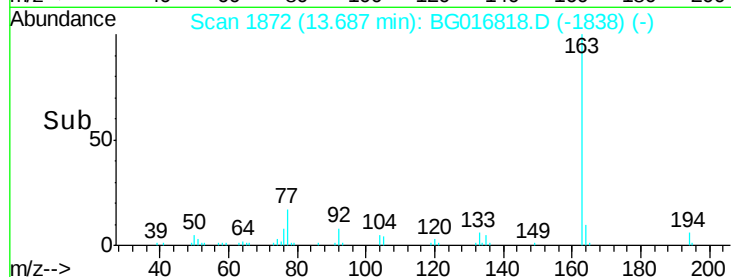
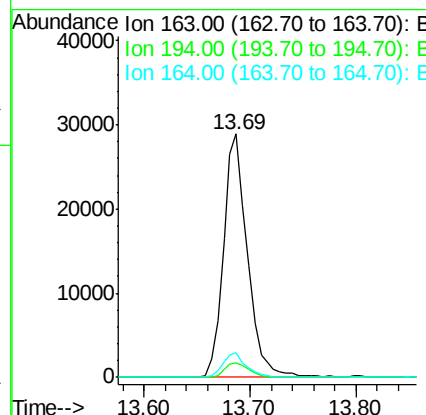
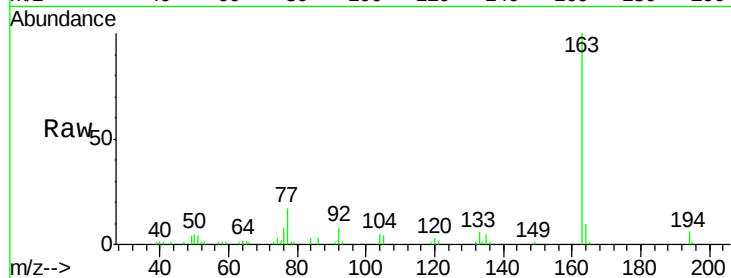
#49
Dimethylphthalate
Concen: 4.43 ng
RT: 13.69 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Instrument :
BNA_G
ClientSampled :
SB8

Tot Ion	Ratio	Resp	Lower	Upper
163	100	45679		
194	6.1		4.7	7.1
164	10.0		8.2	12.2

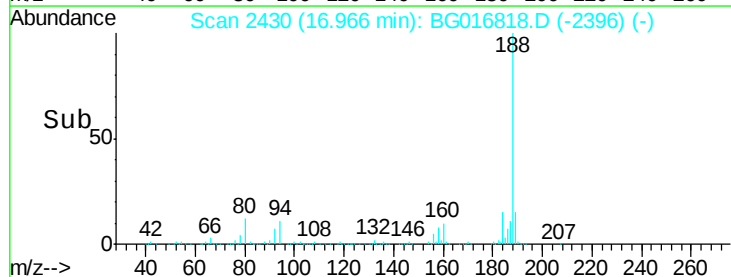
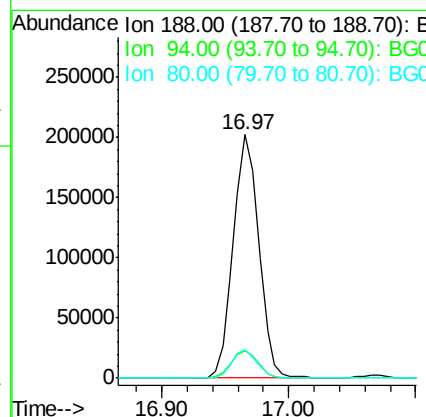
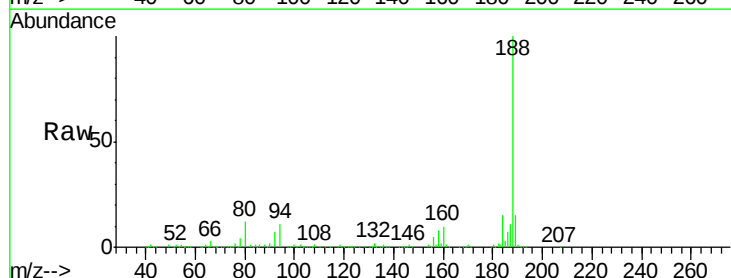
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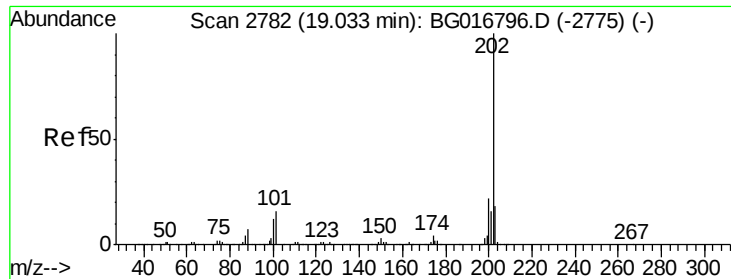
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	282864		
94	11.4		9.5	14.3
80	11.7		9.2	13.8





#74

Fluoranthene

Concen: 3.40 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

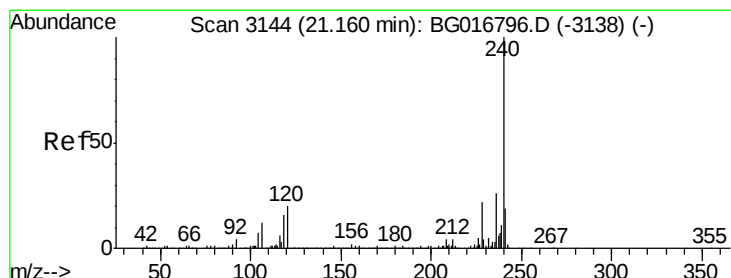
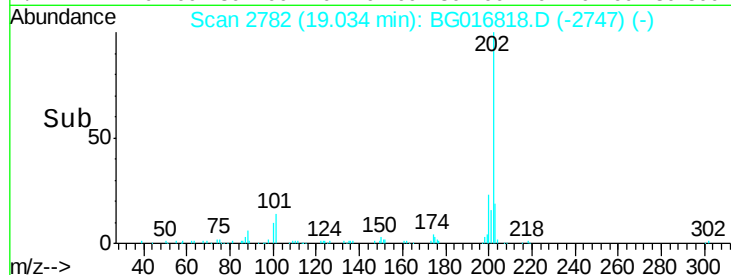
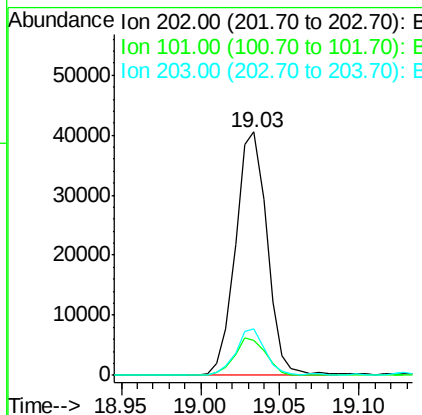
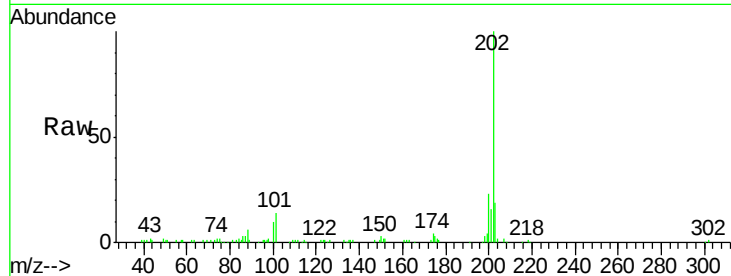
ClientSampled :

SB8

Tot Ion:	202	Resp:	55925
Ion Ratio		Lower	Upper
202	100		
101	14.3	0.0	36.2
203	19.1	0.0	37.6

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#75

Chrysene-d12

Concen: 20.00 ng

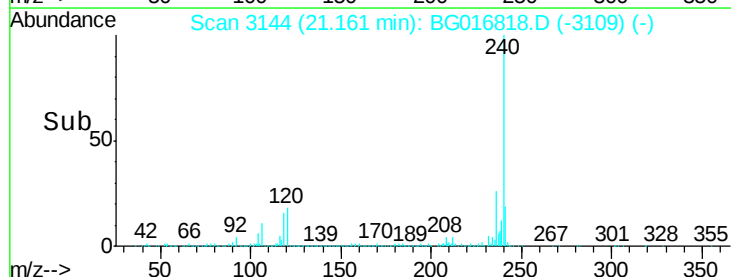
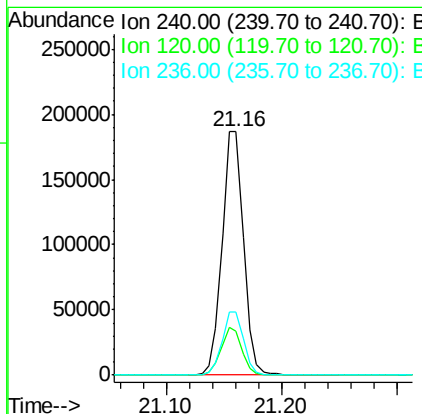
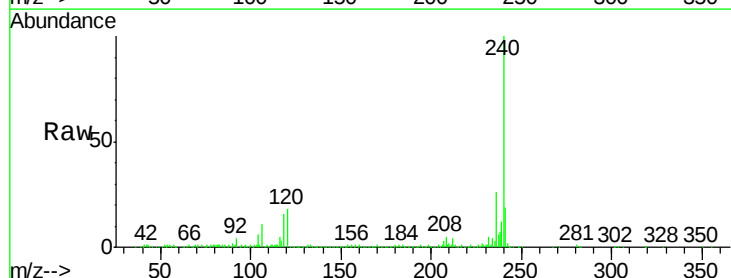
RT: 21.16 min Scan# 3144

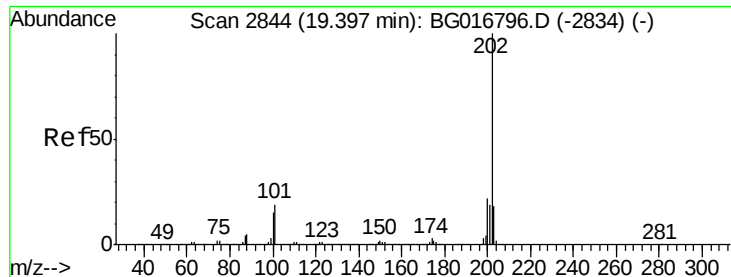
Delta R.T. 0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Tgt Ion:	240	Resp:	240989
Ion Ratio		Lower	Upper
240	100		
120	18.0	16.1	24.1
236	26.0	21.0	31.6





#77

Pvrene

Concen: 3.31 ng

RT: 19.39 min Scan# 2843

Delta R.T. -0.00 min

Lab File: BG016818.D

Acq: 30 Apr 2015 4:22

Instrument :

BNA_G

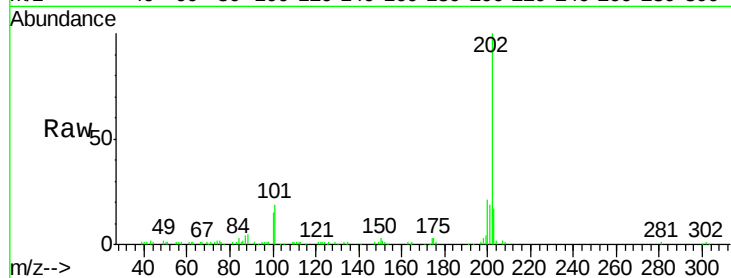
ClientSampled :

SB8

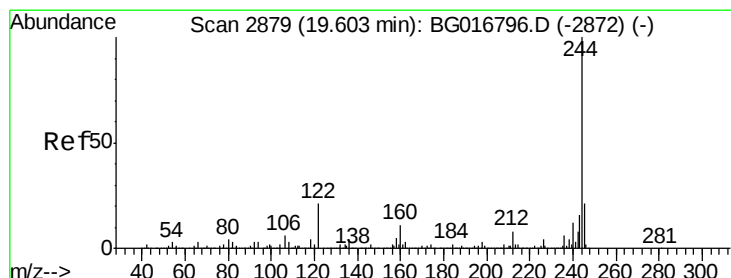
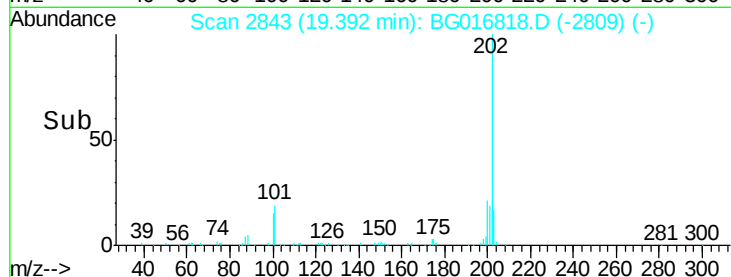
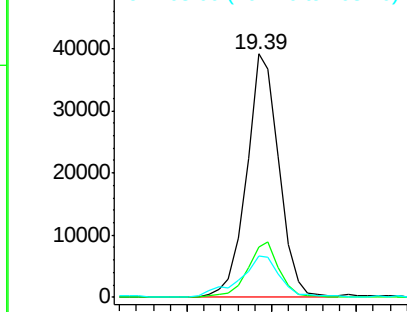
Tot Ion:	202	Resp:	52168
Ion Ratio		Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.2	14.6	22.0

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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



#78

Terphenyl-d14

Concen: 80.97 ng

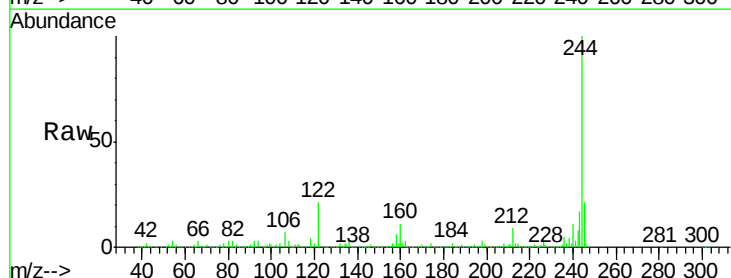
RT: 19.60 min Scan# 2879

Delta R.T. -0.00 min

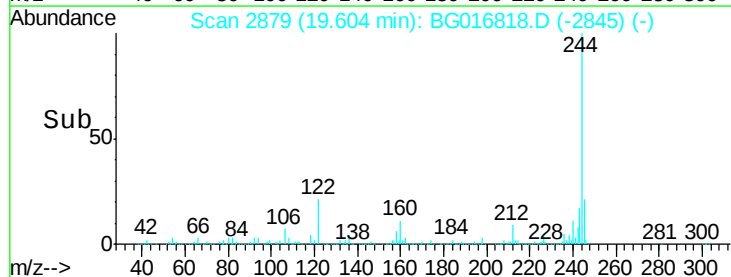
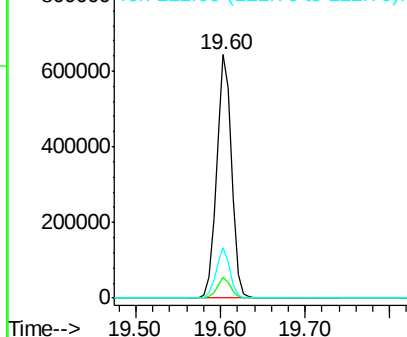
Lab File: BG016818.D

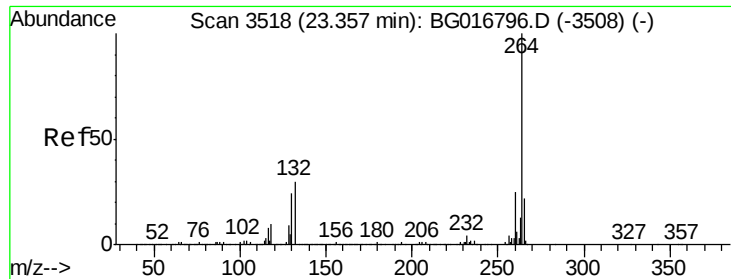
Acq: 30 Apr 2015 4:22

Tgt Ion:	244	Resp:	808947
Ion Ratio		Lower	Upper
244	100		
212	8.6	6.4	9.6
122	20.5	16.4	24.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





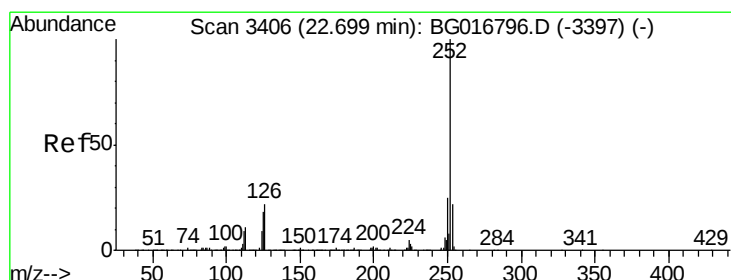
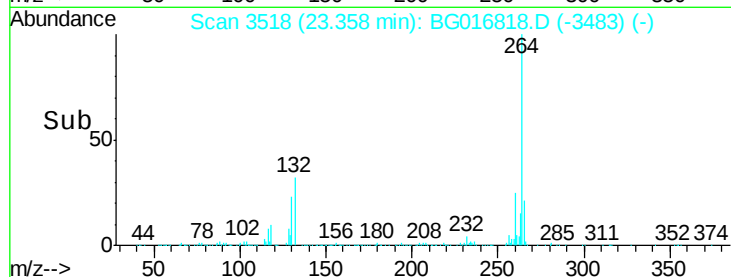
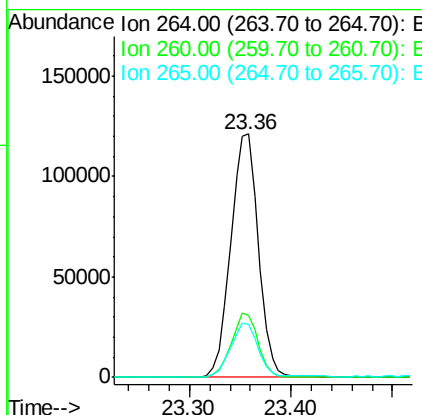
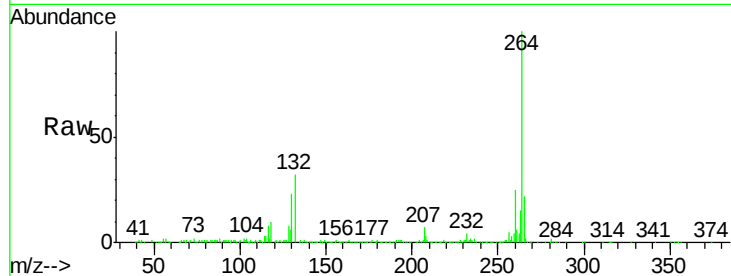
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.36 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Instrument :
BNA_G
ClientSampleId :
SB8

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	21.7	17.4	26.2

Manual Integrations
APPROVED

apatel
5/1/2015 8:57:59 AM



#87
Benzo(b)fluoranthene
Concen: 2.63 ng m
RT: 22.69 min Scan# 3405
Delta R.T. -0.00 min
Lab File: BG016818.D
Acq: 30 Apr 2015 4:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	21.4	14.2	21.2

