

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
 Data File : BG016827.D
 Acq On : 30 Apr 2015 9:35
 Operator : TP/IZ
 Sample : G2035-21 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-DUPLICATE

Manual Integrations
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Quant Time: Apr 30 15:48:22 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 02:01:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	62338	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	267626	20.00	ng	0.00
38) Acenaphthene-d10	14.22	164	146421	20.00	ng	0.00
63) Phenanthrene-d10	16.97	188	268936	20.00	ng	0.00
75) Chrysene-d12	21.16	240	232816	20.00	ng	0.00
86) Perylene-d12	23.35	264	227651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	69740	20.61	ng	0.00
7) Phenol-d6	6.77	99	92815	19.54	ng	0.00
23) Nitrobenzene-d5	8.72	82	48655	11.84	ng	0.00
41) 2,4,6-Tribromophenol	15.72	330	17816	16.34	ng	0.00
44) 2-Fluorobiphenyl	12.84	172	109884	11.62	ng	0.00
78) Terphenyl-d14	19.60	244	99157	10.27	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	17.01	178	61354	4.22	ng	100
74) Fluoranthene	19.03	202	89621	5.73	ng	98
77) Pyrene	19.39	202	75210	4.94	ng	97
80) Benzo(a)anthracene	21.14	228	41657	3.10	ng	98
82) Chrysene	21.20	228	33973	2.67	ng	96
87) Benzo(b)fluoranthene	22.70	252	42779m	3.30	ng	
89) Benzo(a)pyrene	23.26	252	30012	2.45	ng	99

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

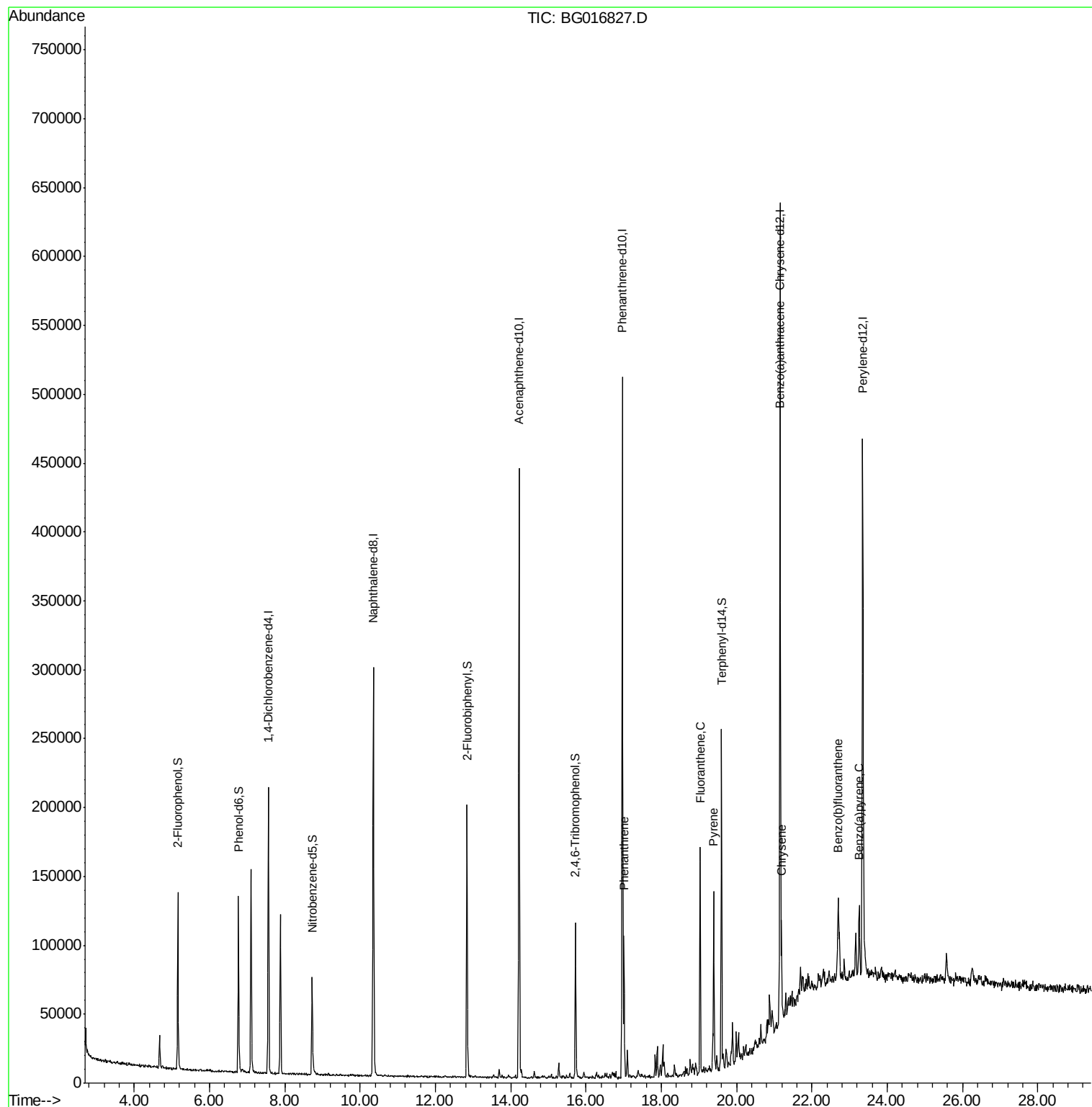
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
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Operator : TP/IZ
Sample : G2035-21 5X
Misc :
ALS Vial : 33 Sample Multiplier: 1

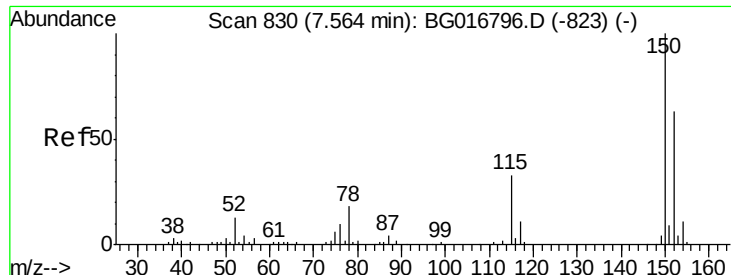
Instrument :
BNA_G
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FIELD-DUPLICATE

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QLast Update : Thu Apr 30 02:01:08 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Instrument :

BNA_G

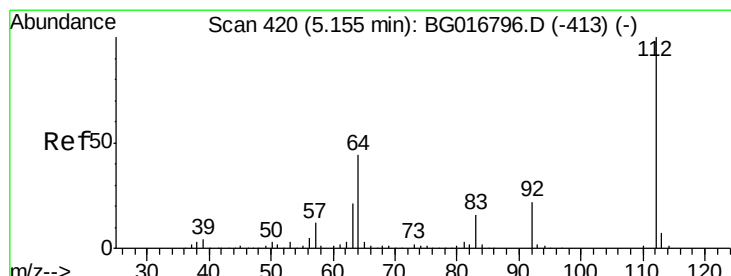
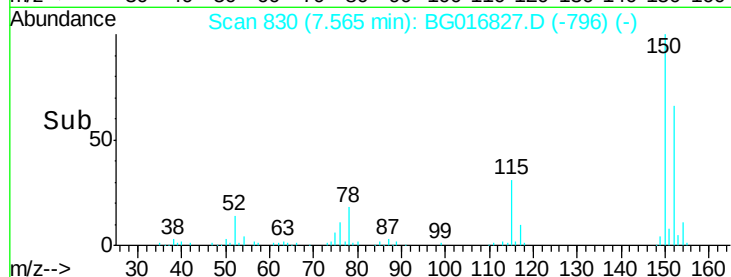
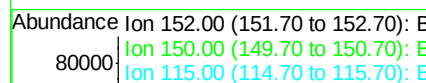
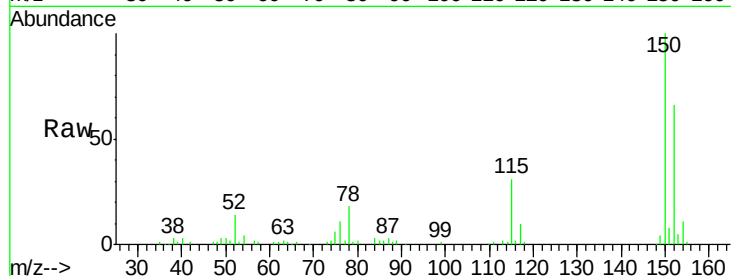
ClientSampleId :

FIELD-DUPLICATE

Tot Ion:	152	Resp:	62338
Ion Ratio	Lower	Upper	
152	100		
150	151.8	126.2	189.4
115	47.6	41.1	61.7

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#5

2-Fluorophenol

Concen: 20.61 ng

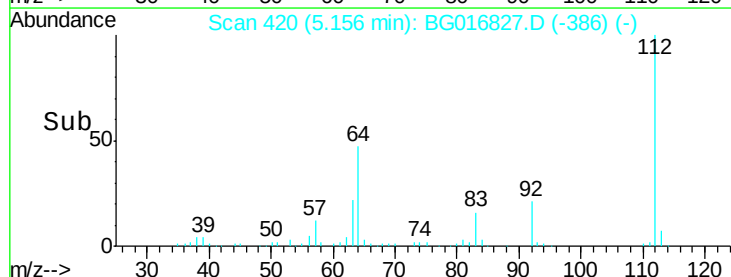
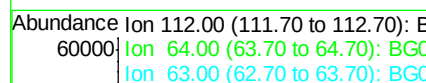
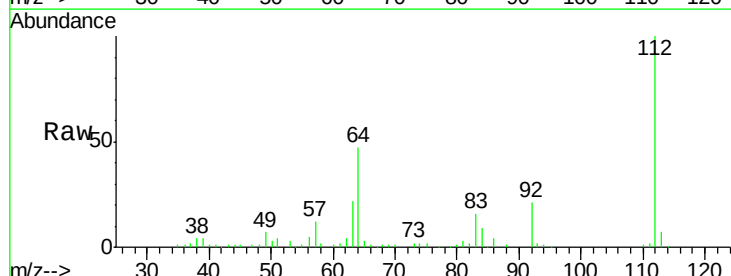
RT: 5.16 min Scan# 420

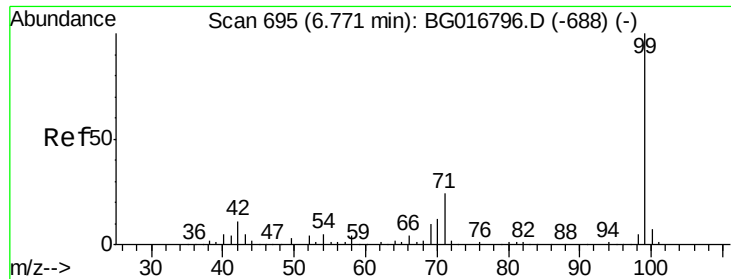
Delta R.T. 0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Tgt Ion:	112	Resp:	69740
Ion Ratio	Lower	Upper	
112	100		
64	46.7	35.5	53.3
63	22.1	17.2	25.8





#7

Phenol-d6

Concen: 19.54 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Instrument :

BNA_G

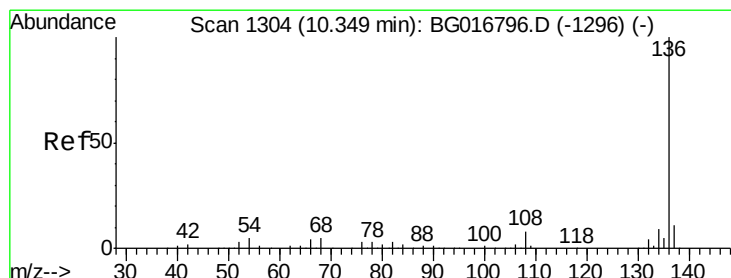
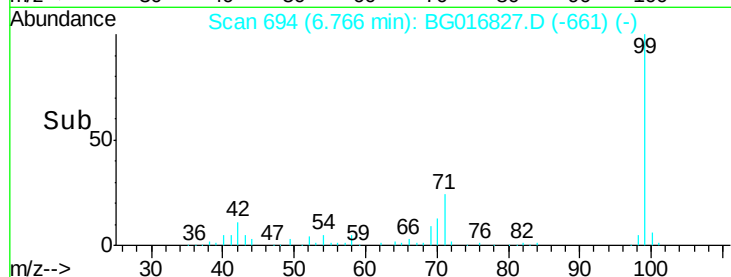
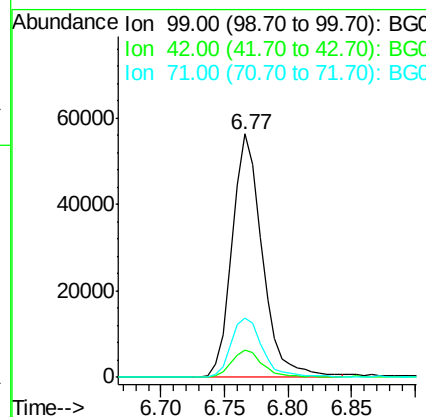
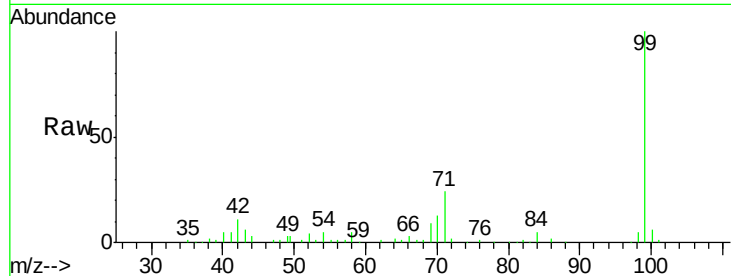
ClientSampleId :

FIELD-DUPLICATE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		92815		
42	11.3	8.9	13.3		
71	24.4	19.0	28.6		

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#21

Naphthalene-d8

Concen: 20.00 ng

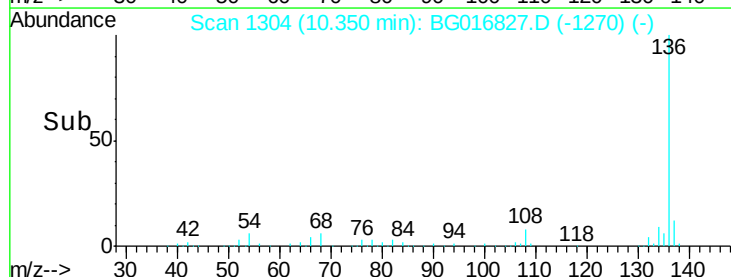
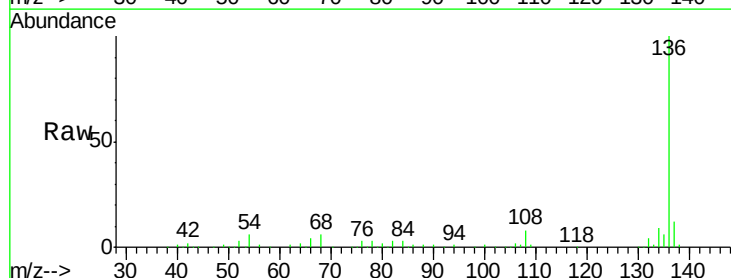
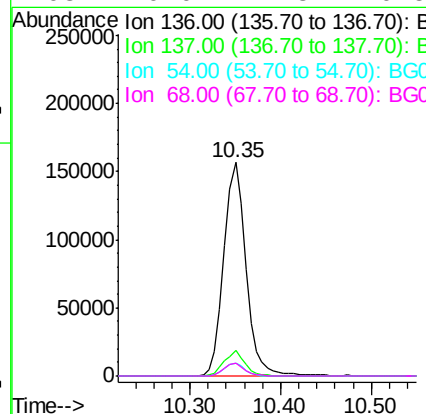
RT: 10.35 min Scan# 1304

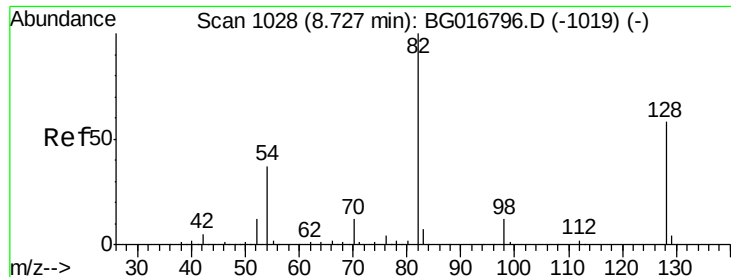
Delta R.T. 0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		267626		
137	12.0	8.6	12.8		
54	5.9	4.3	6.5		
68	6.0	4.3	6.5		





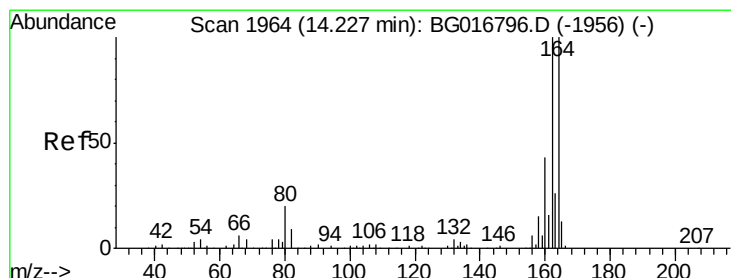
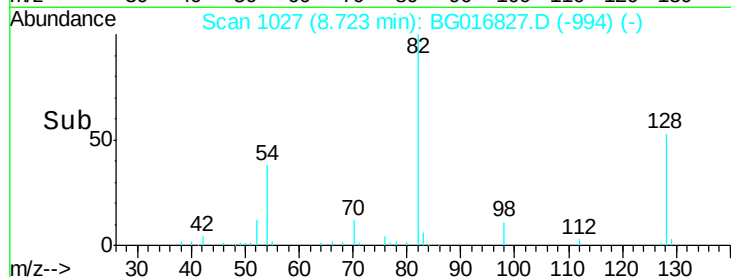
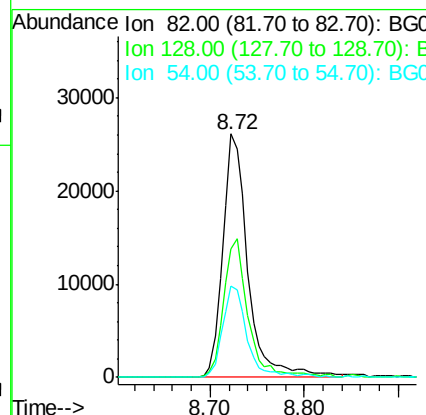
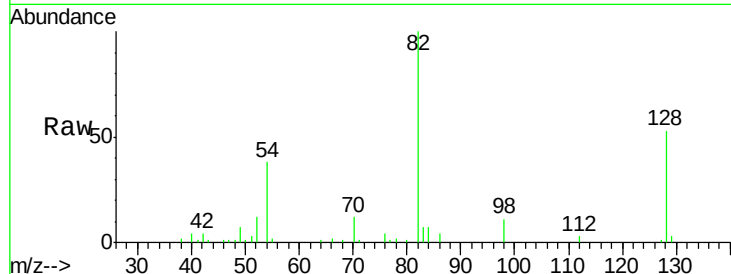
#23
 Nitrobenzene-d5
 Concen: 11.84 ng
 RT: 8.72 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG016827.D
 Acq: 30 Apr 2015 9:35

Instrument :
 BNA_G
 ClientSampleId :
 FIELD-DUPLICATE

Tot Ion	Ratio	Resp	Lower	Upper
82	100	48655		
128	53.0		46.3	69.5
54	37.6		30.0	45.0

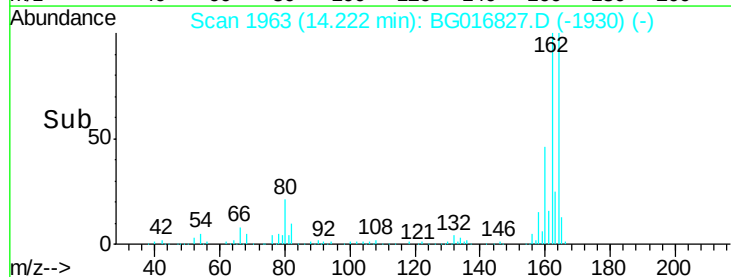
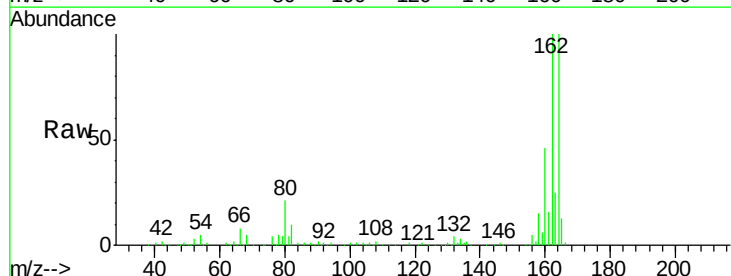
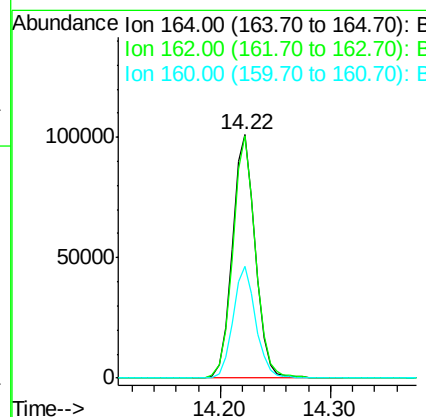
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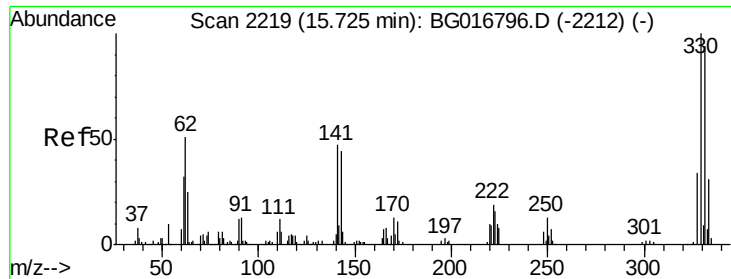
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.22 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BG016827.D
 Acq: 30 Apr 2015 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146421		
162	99.5		80.2	120.4
160	46.1		34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 16.34 ng

RT: 15.72 min Scan# 2218

Delta R.T. -0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Instrument :

BNA_G

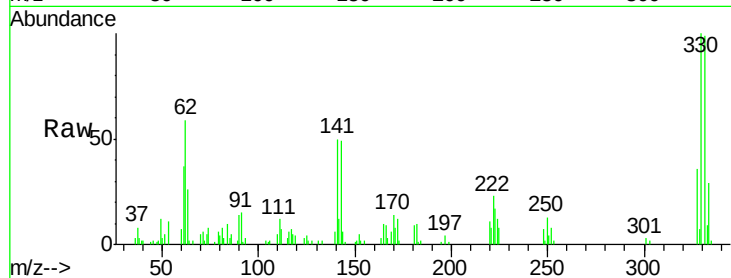
ClientSampleId :

FIELD-DUPLICATE

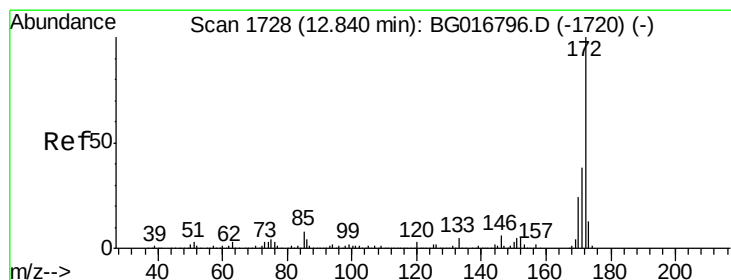
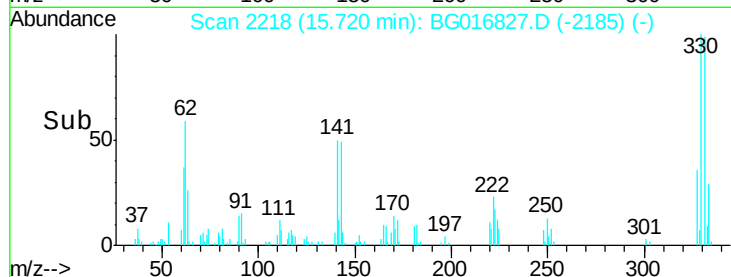
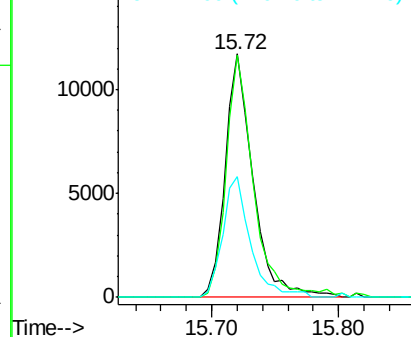
Tot Ion:	330	Resp:	17816
Ion Ratio	Lower	Upper	
330	100		
332	96.9	75.3	112.9
141	49.4	40.7	61.1

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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: 11.62 ng

RT: 12.84 min Scan# 1727

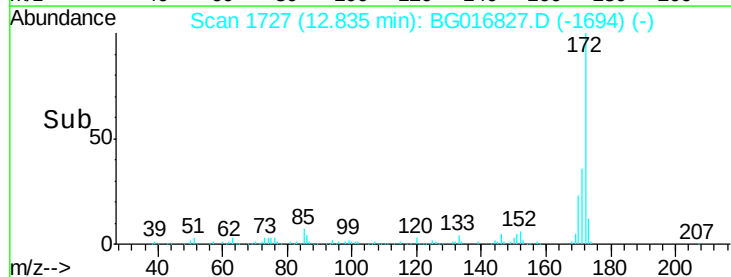
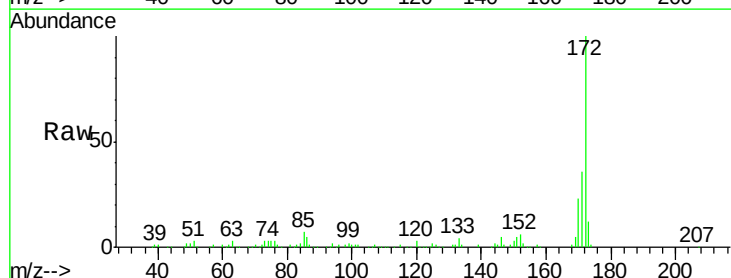
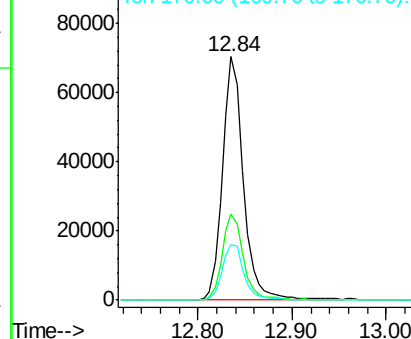
Delta R.T. -0.00 min

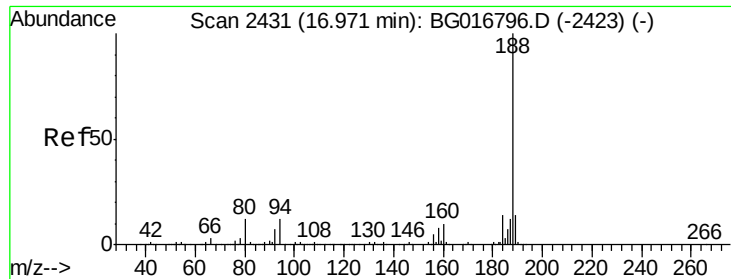
Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Tgt Ion:	172	Resp:	109884
Ion Ratio	Lower	Upper	
172	100		
171	35.6	30.2	45.4
170	22.8	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





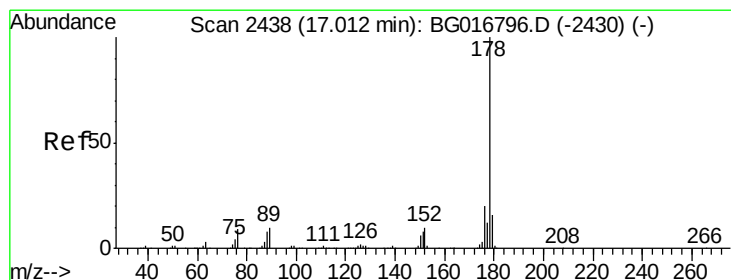
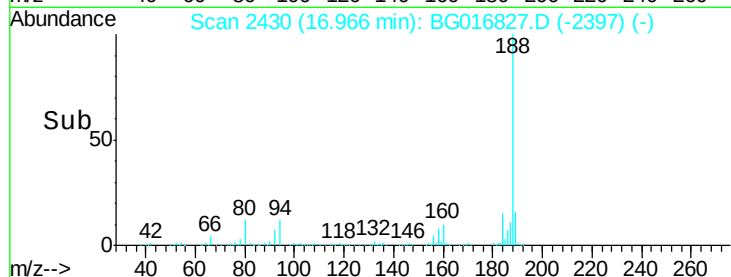
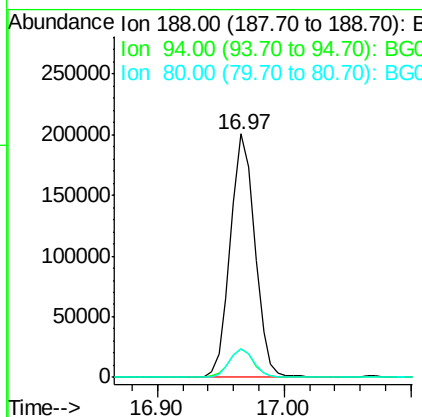
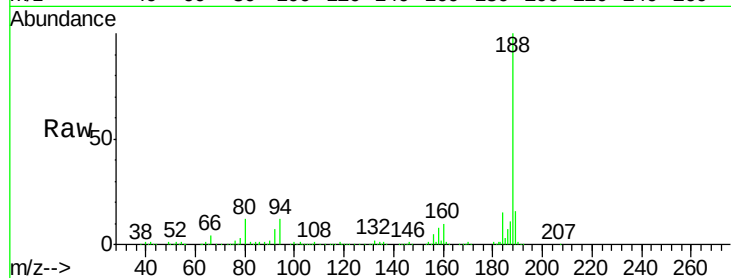
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.0	9.5	14.3
80	11.7	9.2	13.8

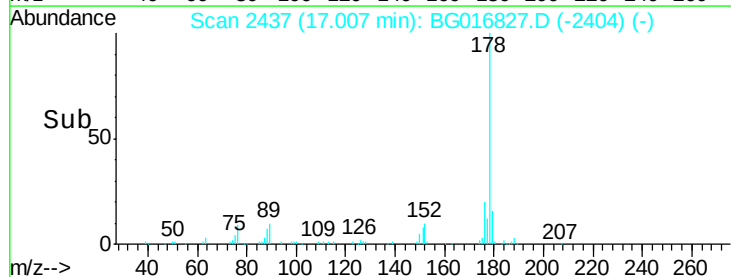
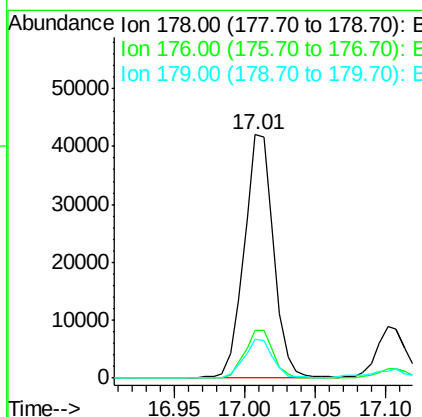
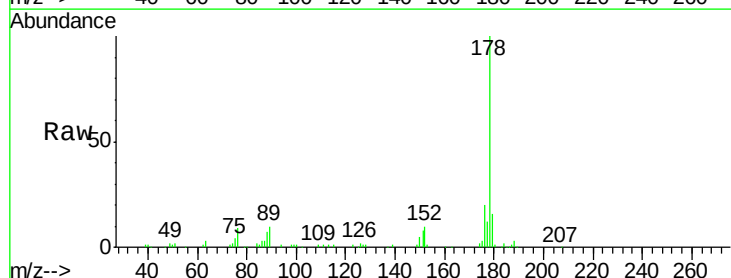
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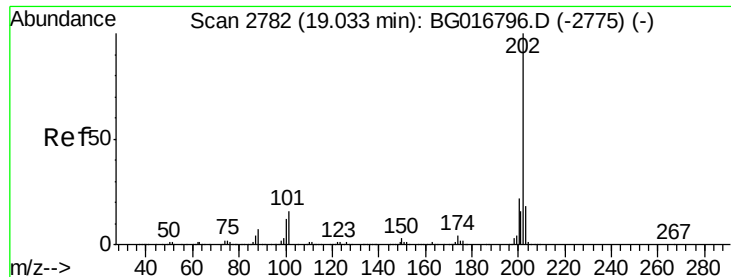
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#70
Phenanthrene
Concen: 4.22 ng
RT: 17.01 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.0	12.7	19.1





#74

Fluoranthene

Concen: 5.73 ng

RT: 19.03 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Instrument :

BNA_G

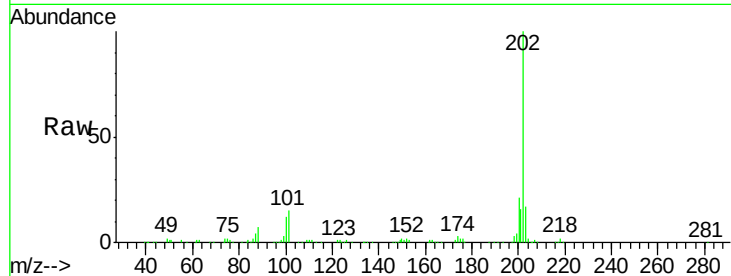
ClientSampleId :

FIELD-DUPLICATE

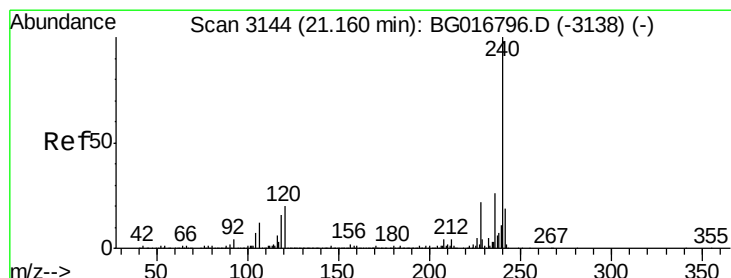
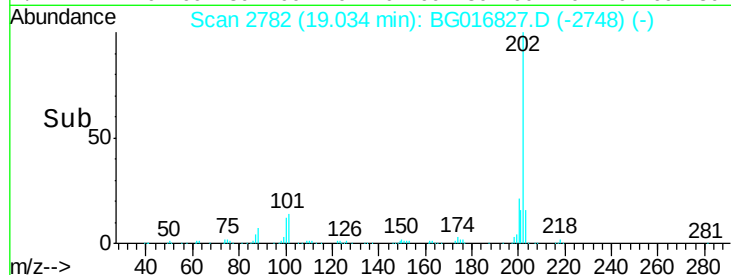
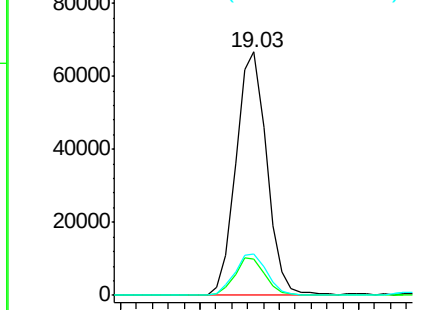
Tot Ion:	202	Resp:	89621
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	36.2
203	17.0	0.0	37.6

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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

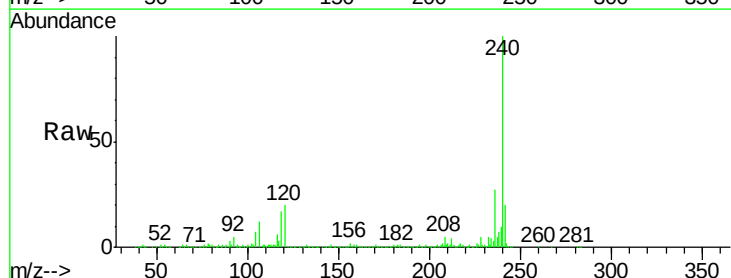
RT: 21.16 min Scan# 3143

Delta R.T. -0.00 min

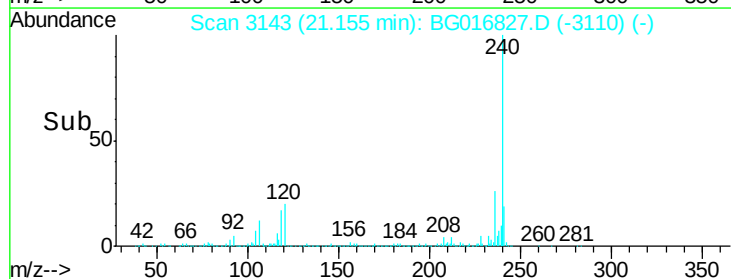
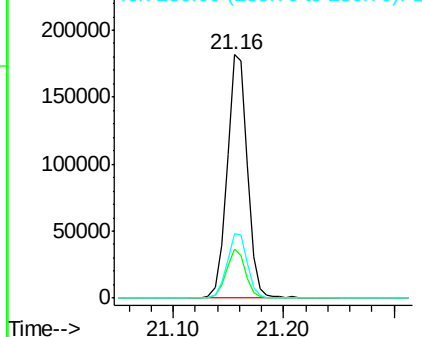
Lab File: BG016827.D

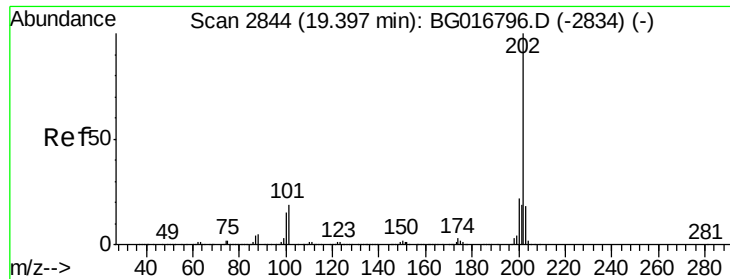
Acq: 30 Apr 2015 9:35

Tgt Ion:	240	Resp:	232816
Ion Ratio	Lower	Upper	
240	100		
120	19.9	16.1	24.1
236	26.5	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





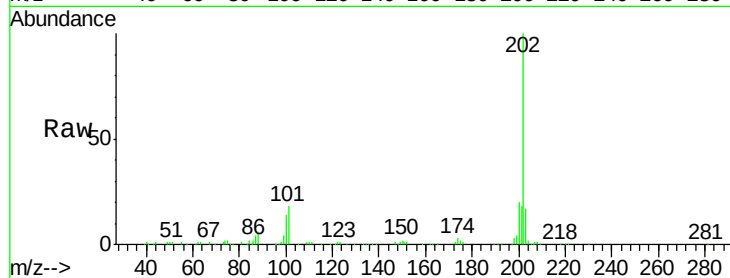
#77
Pvrene
Concen: 4.94 ng
RT: 19.39 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE

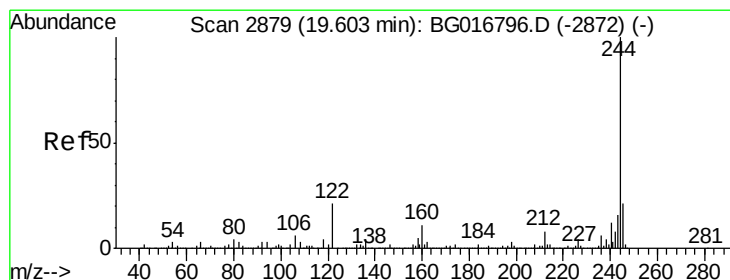
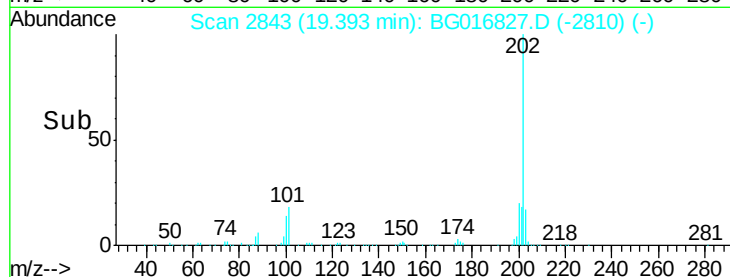
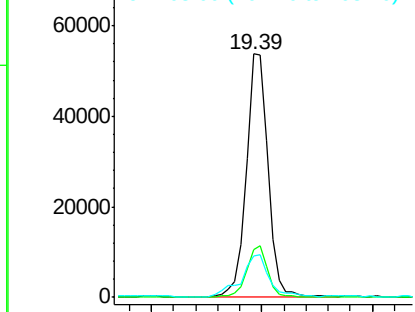
Tot Ion	Ratio	Resp	Lower	Upper
202	100	75210		
200	19.7		17.3	25.9
203	17.2		14.6	22.0

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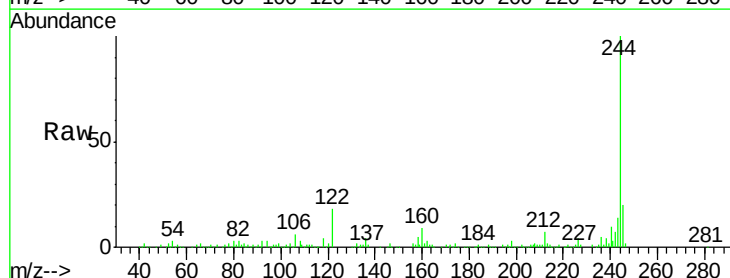


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

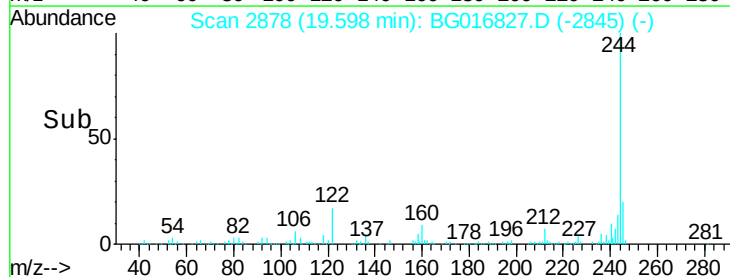
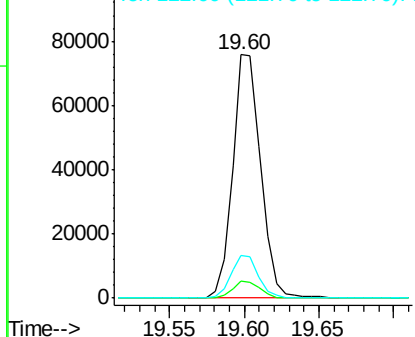


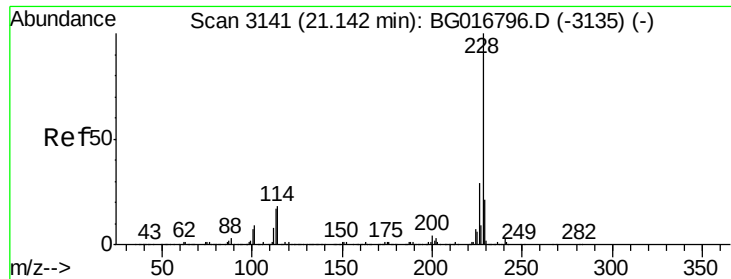
#78
Terphenyl-d14
Concen: 10.27 ng
RT: 19.60 min Scan# 2878
Delta R.T. -0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	99157		
212	7.2		6.4	9.6
122	17.8		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





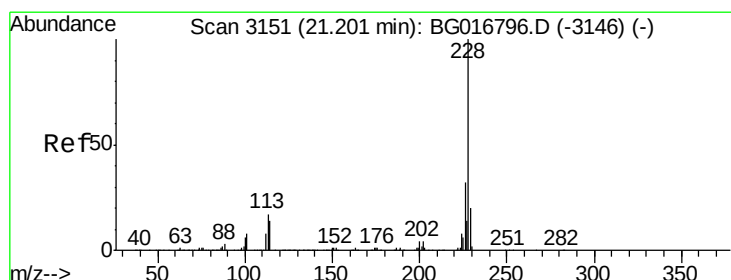
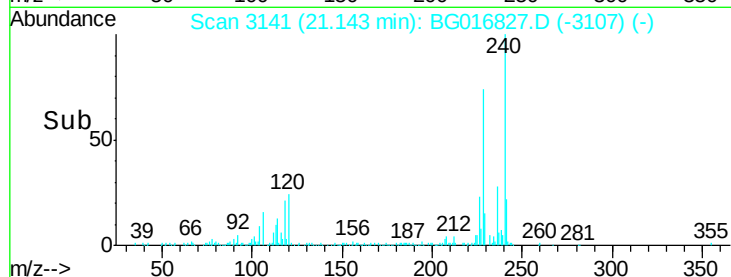
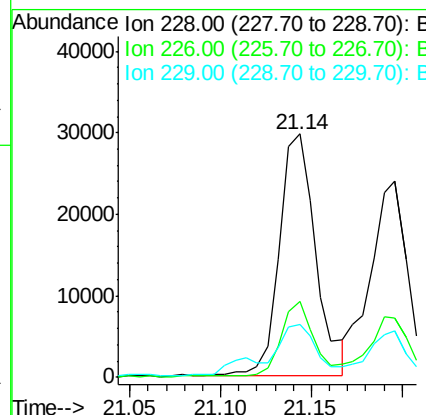
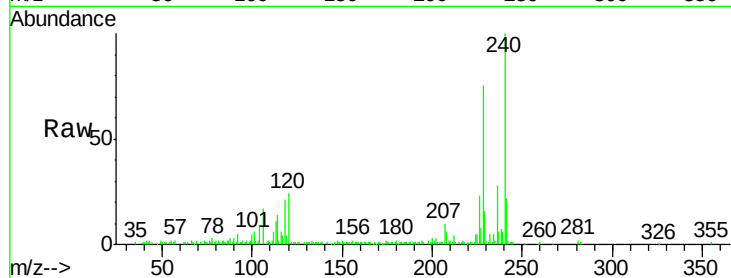
#80
Benzo(a)anthracene
Concen: 3.10 ng
RT: 21.14 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.0
229	21.5	17.0	25.6

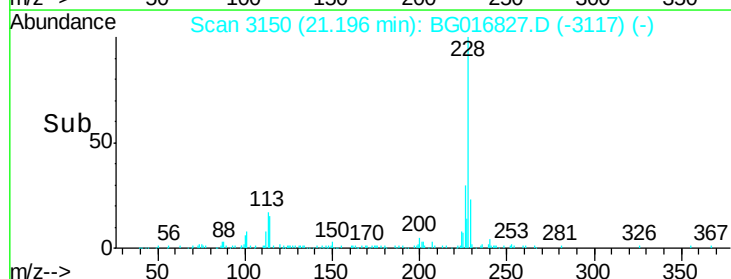
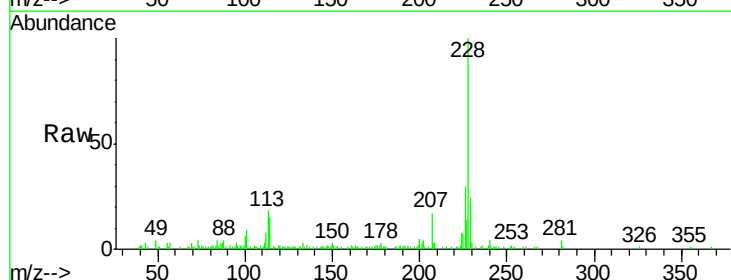
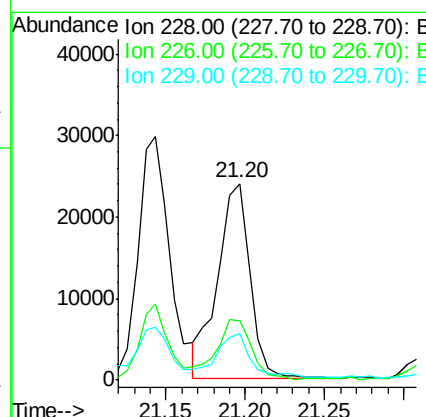
Manual Integrations
APPROVED

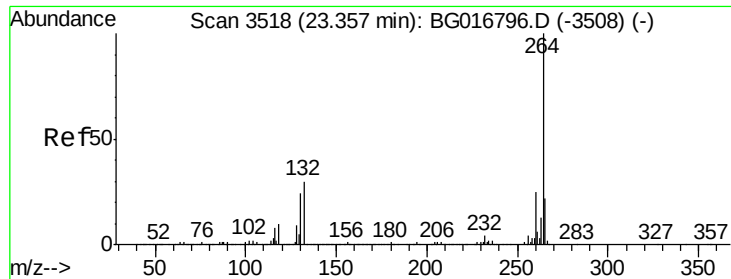
apatel
5/1/2015 8:58:47 AM



#82
Chrysene
Concen: 2.67 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.1	37.7
229	24.0	16.1	24.1





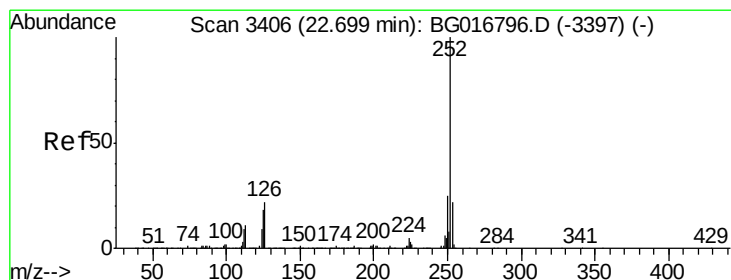
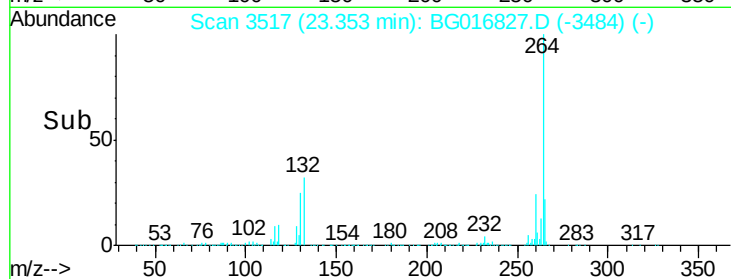
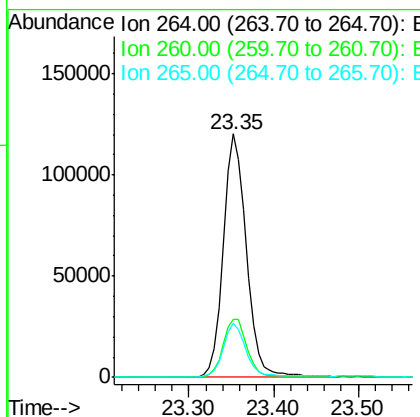
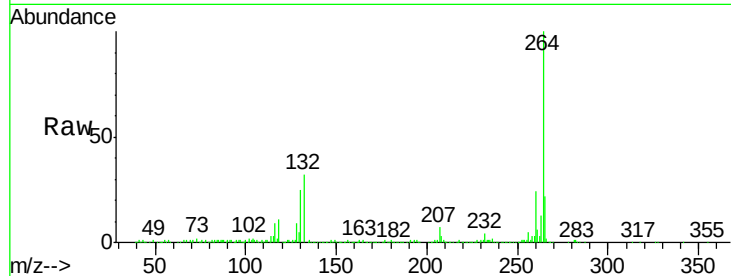
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Instrument :
BNA_G
ClientSampleId :
FIELD-DUPLICATE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	23.8	19.7	29.5
265	22.5	17.4	26.2

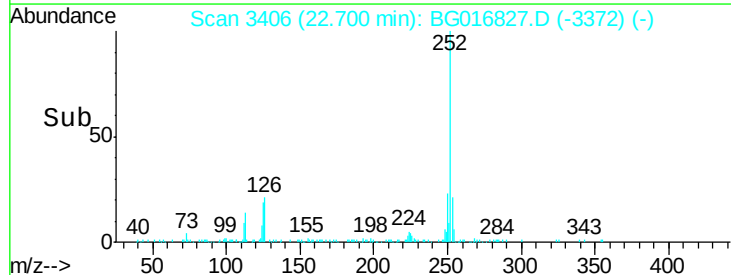
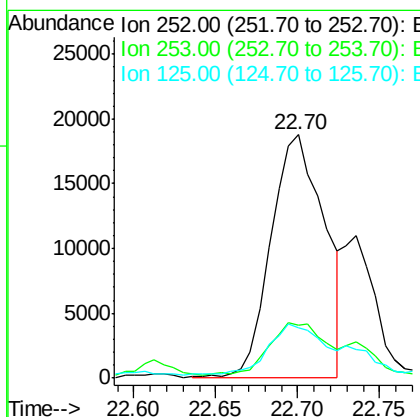
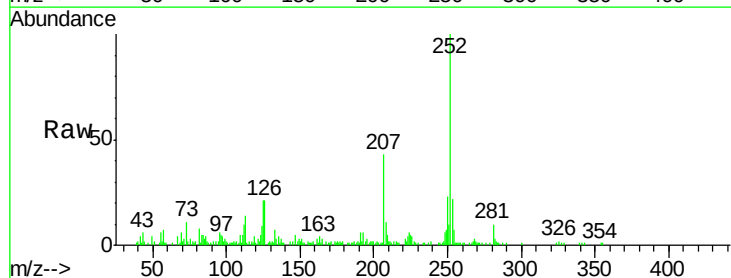
Manual Integrations
APPROVED

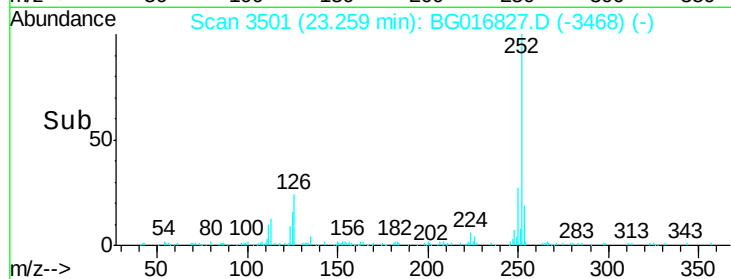
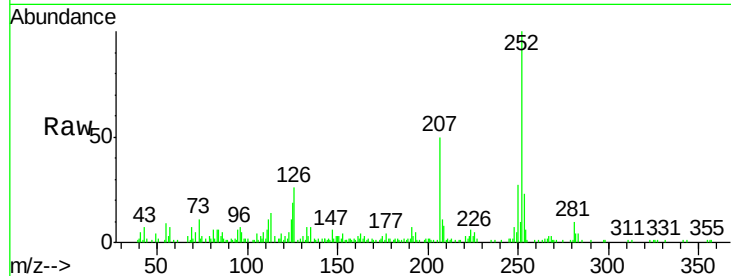
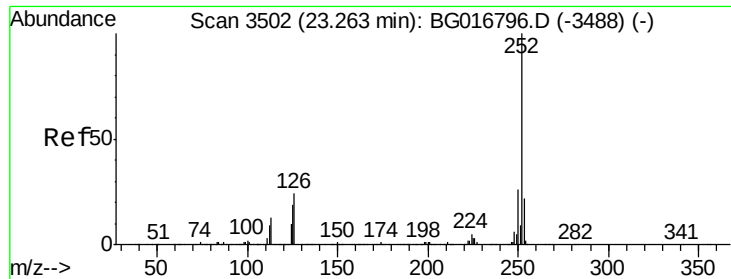
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#87
Benzo(b)fluoranthene
Concen: 3.30 ng m
RT: 22.70 min Scan# 3406
Delta R.T. 0.00 min
Lab File: BG016827.D
Acq: 30 Apr 2015 9:35

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.0	27.0
125	20.5	14.2	21.2





#89

Benzo(a)pyrene

Concen: 2.45 ng

RT: 23.26 min Scan# 3501

Delta R.T. -0.00 min

Lab File: BG016827.D

Acq: 30 Apr 2015 9:35

Instrument :

BNA_G

ClientSampleId :

FIELD-DUPLICATE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		30012		
253	23.0	17.9	26.9		
125	18.7	15.0	22.4		

Manual Integrations
APPROVED

apatel
5/1/2015 8:58:47 AM

