

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031695.D
 Acq On : 22 Dec 2017 4:53
 Operator : SJ/JU
 Sample : PB105239TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105239TB

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:44:30 PM

Quant Time: Dec 22 07:31:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:38:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	49129m	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	201891	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	139652	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	389215	20.00	ng	0.00
75) Chrysene-d12	22.56	240	471669	20.00	ng	-0.01
86) Perylene-d12	26.36	264	491745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.26	112	401316	148.78	ng	0.01
7) Phenol-d6	7.95	99	501118	143.09	ng	0.02
23) Nitrobenzene-d5	10.05	82	255660	95.62	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	339997	159.56	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	975541	87.68	ng	0.00
78) Terphenyl-d14	20.74	244	1935249	93.74	ng	0.00

Target Compounds Qvalue

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

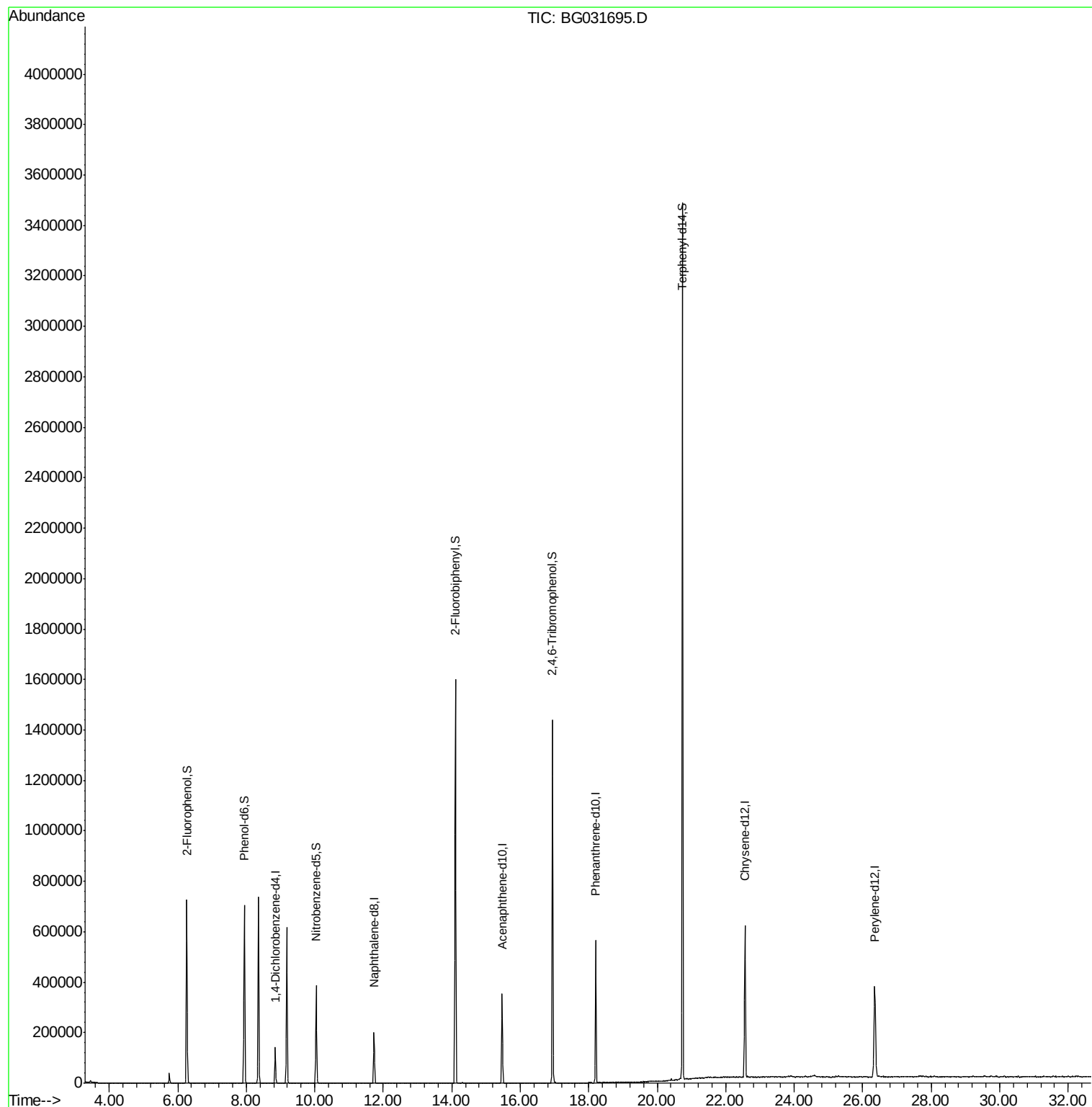
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
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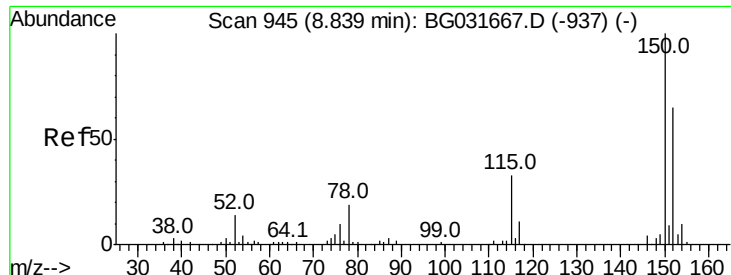
Instrument :
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Quant Time: Dec 22 07:31:15 2017
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#1

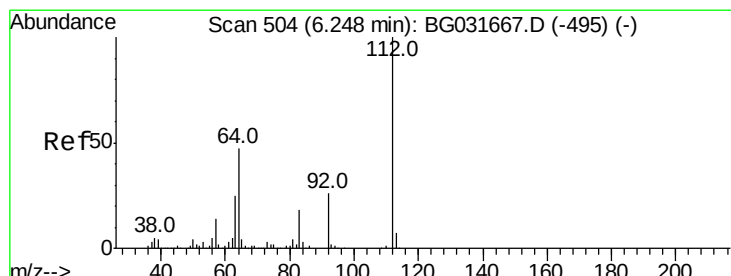
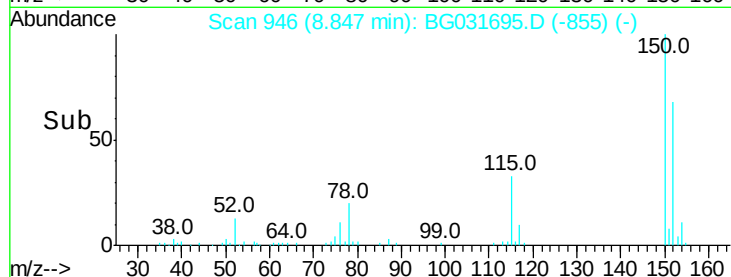
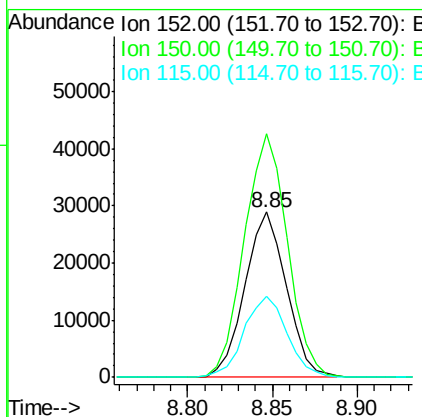
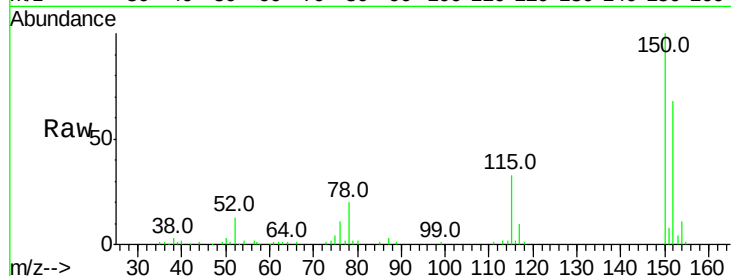
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.85 min Scan# 946
Delta R.T. 0.01 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Instrument :
BNA_G
ClientSampleID :
PB105239TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.6	189.8
115	48.7	53.0	79.4

Manual Integrations
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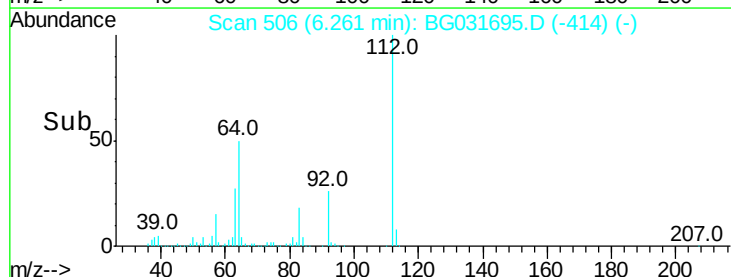
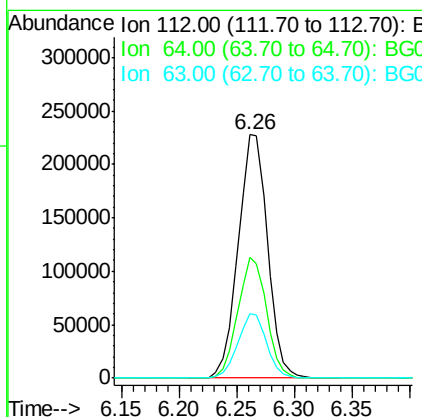
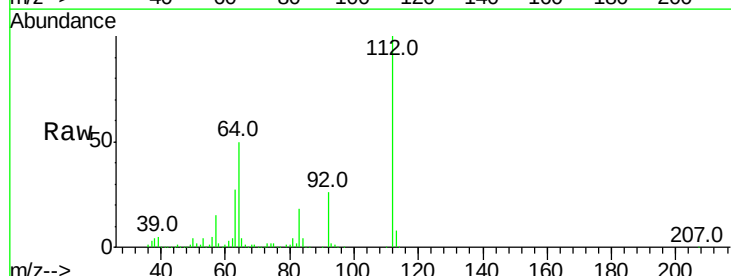
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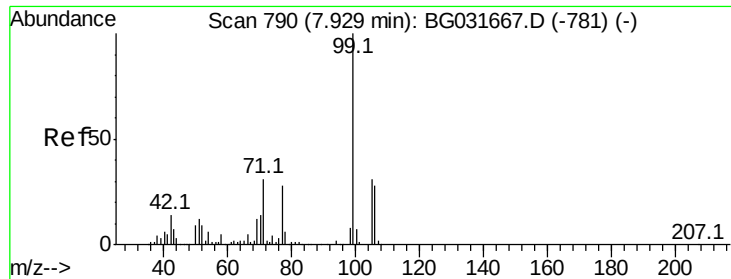


#5

2-Fluorophenol
Concen: 148.782 ng
RT: 6.26 min Scan# 506
Delta R.T. 0.01 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	56.3	84.5
63	26.6	30.1	45.1





#7

Phenol-d6

Concen: 143.093 ng

RT: 7.95 min Scan# 793

Delta R.T. 0.02 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Instrument :

BNA_G

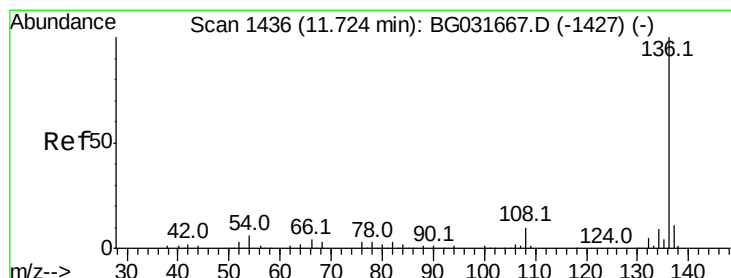
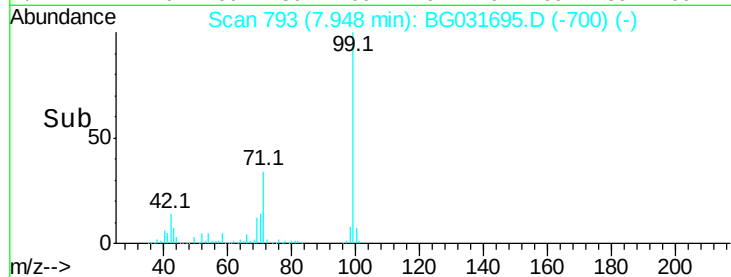
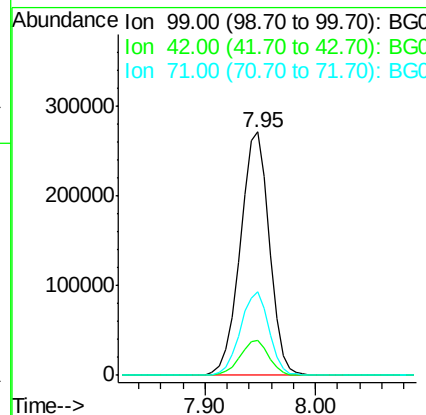
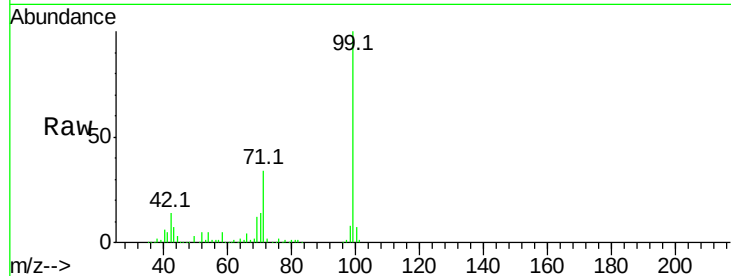
ClientSampleId :

PB105239TB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		501118		
42	14.3	14.1	21.1		
71	34.1	26.1	39.1		

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

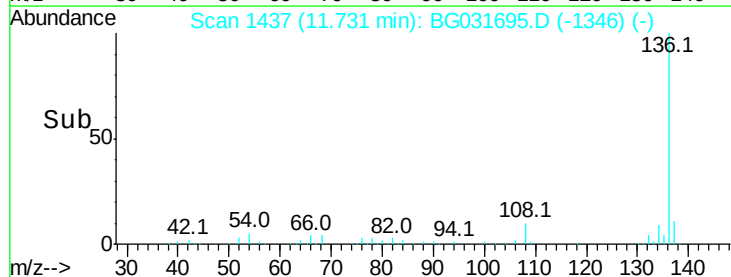
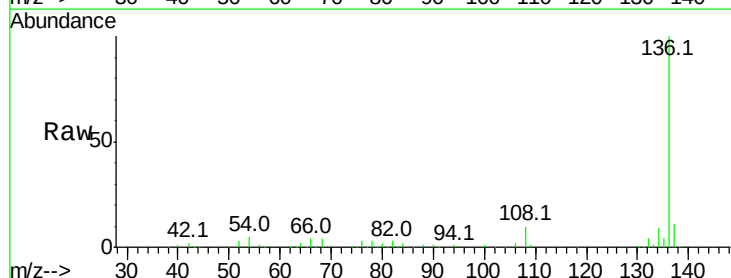
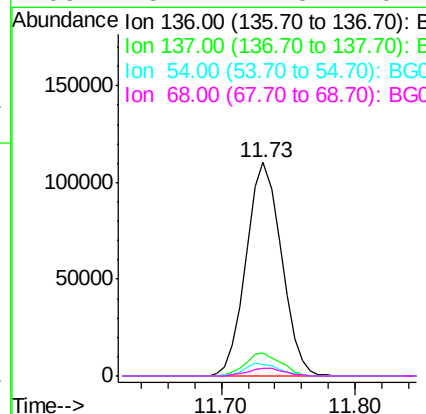
RT: 11.73 min Scan# 1437

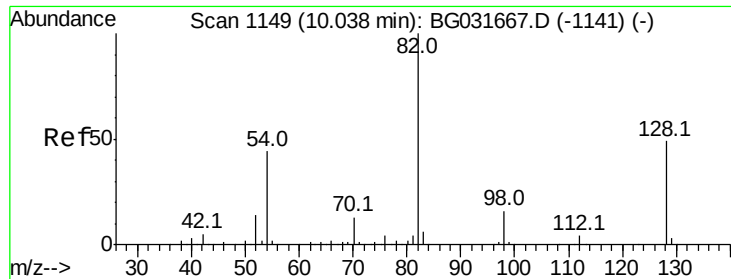
Delta R.T. 0.01 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		201891		
137	10.7	9.2	13.8		
54	5.2	10.3	15.5#		
68	3.7	4.5	6.7#		





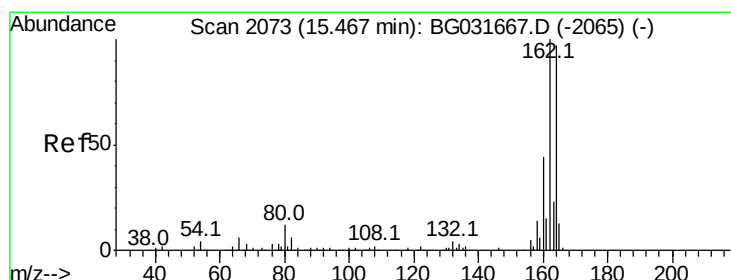
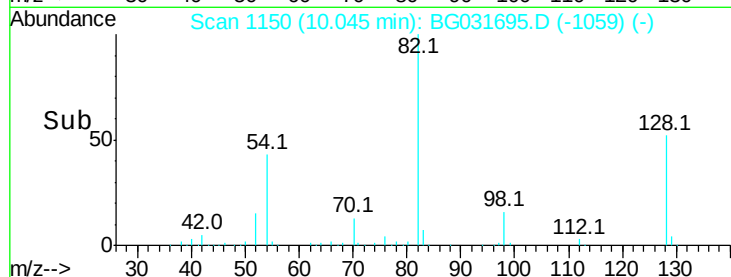
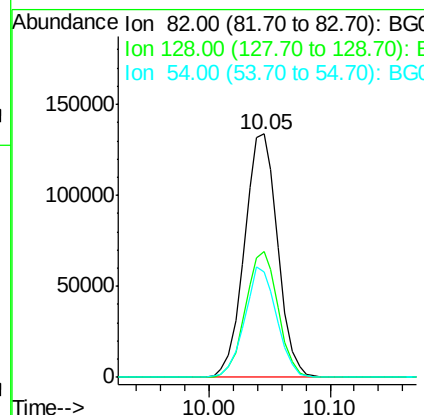
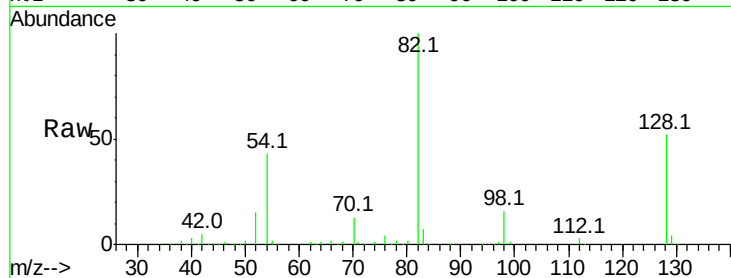
#23
 Nitrobenzene-d5
 Concen: 95.623 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.01 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Instrument :
 BNA_G
 ClientSampleId :
 PB105239TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.8	29.7	44.5
54	43.3	43.1	64.7

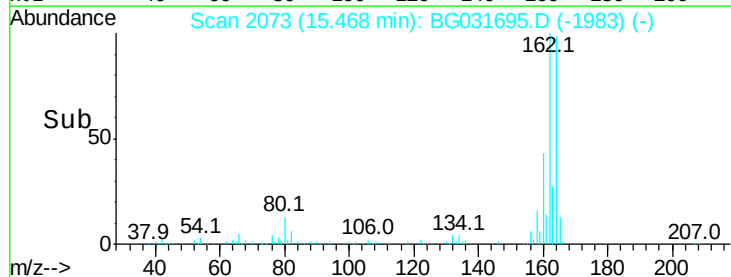
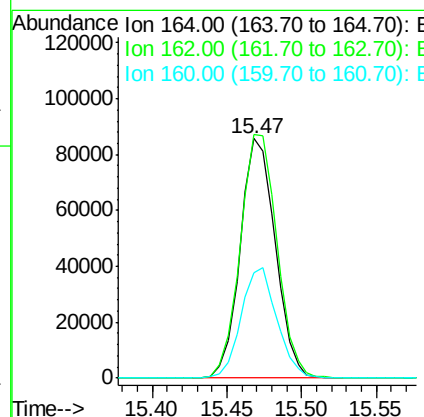
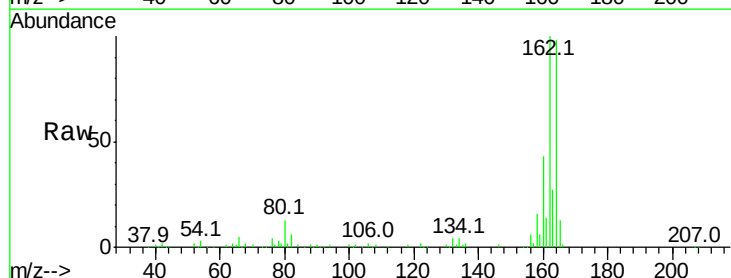
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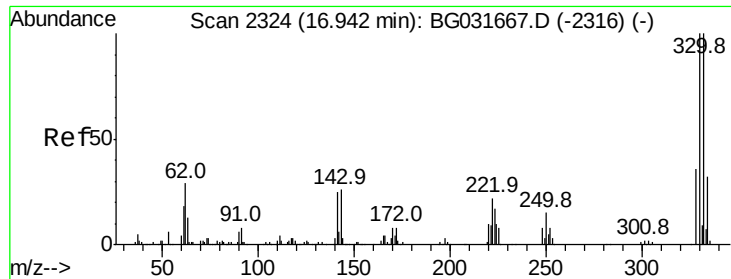
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	78.8	118.2
160	43.9	35.4	53.0





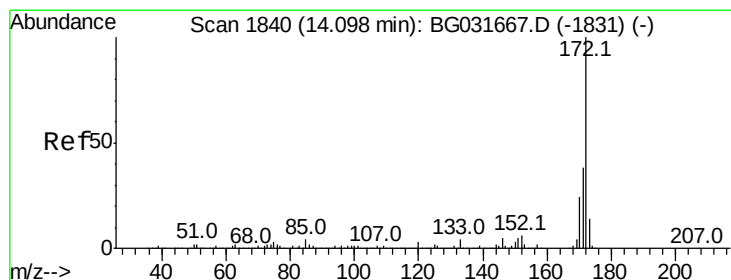
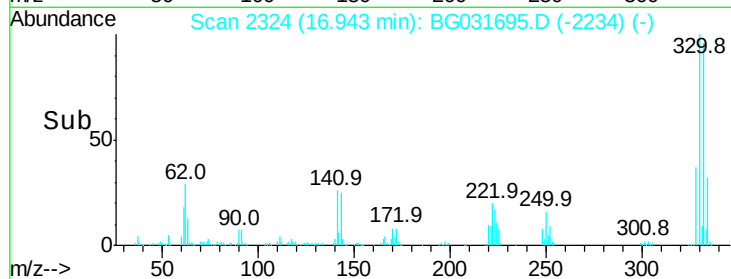
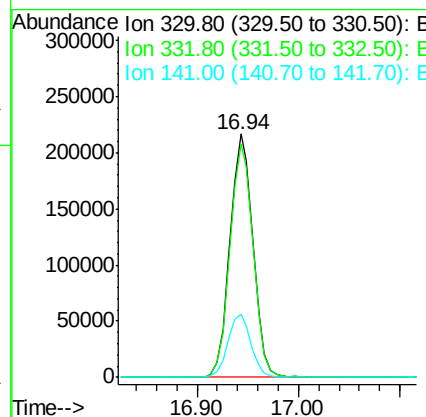
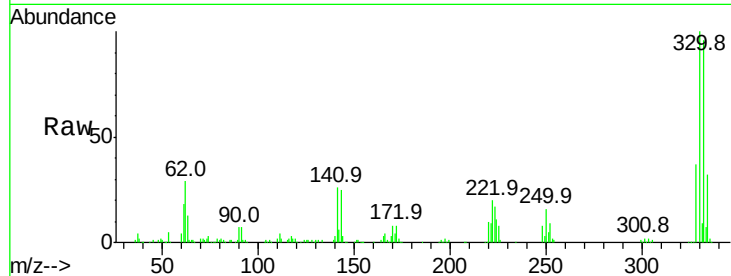
#41
 2,4,6-Tribromophenol
 Concen: 159.556 ng
 RT: 16.94 min Scan# 2324
 Delta R.T. 0.00 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Instrument :
 BNA_G
 ClientSampled :
 PB105239TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	26.0	25.2	37.8	

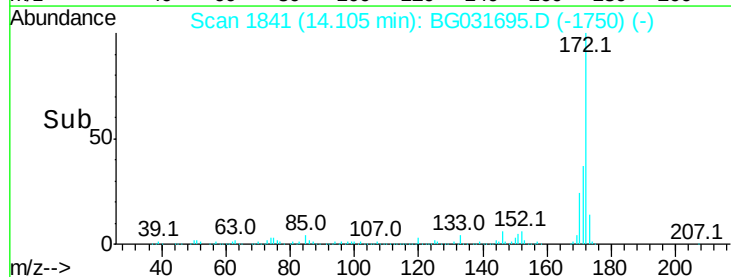
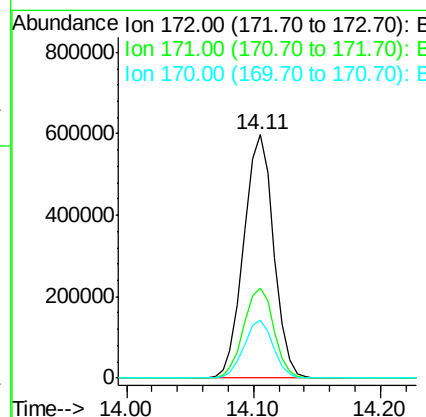
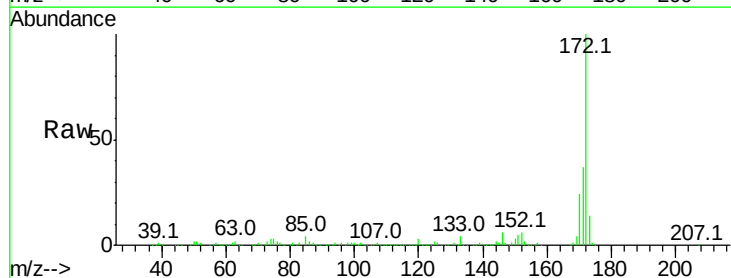
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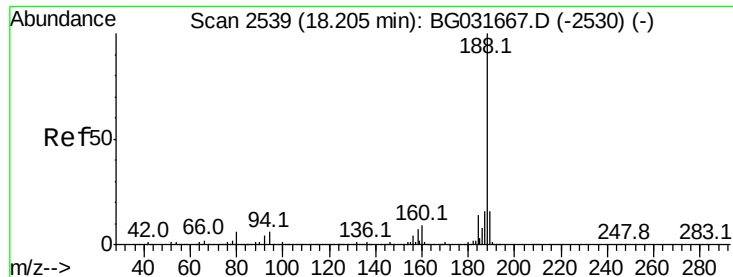
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#44
 2-Fluorobiphenyl
 Concen: 87.678 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BG031695.D
 Acq: 22 Dec 2017 4:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.0	30.0	45.0	
170	24.1	19.5	29.3	





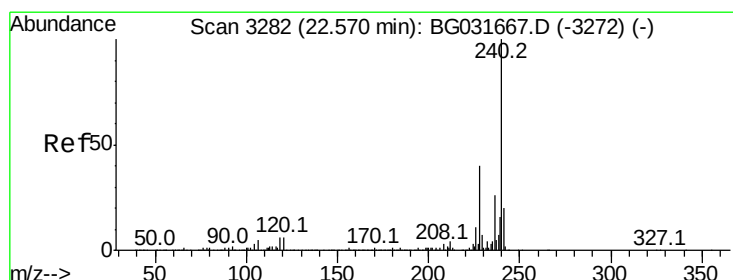
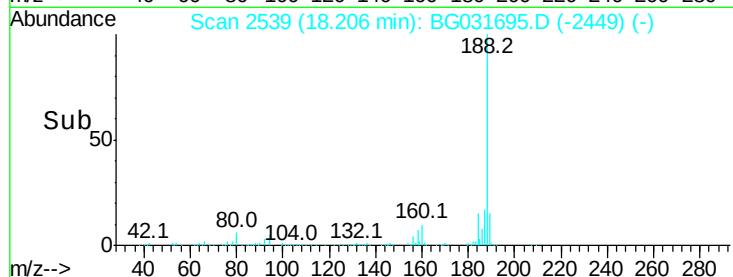
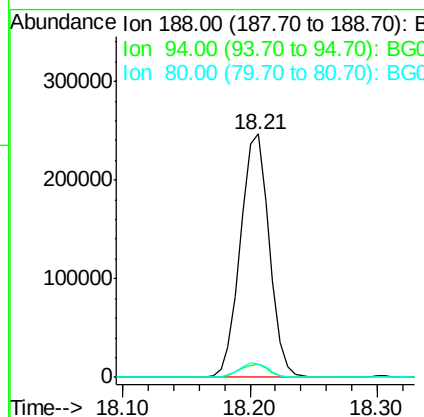
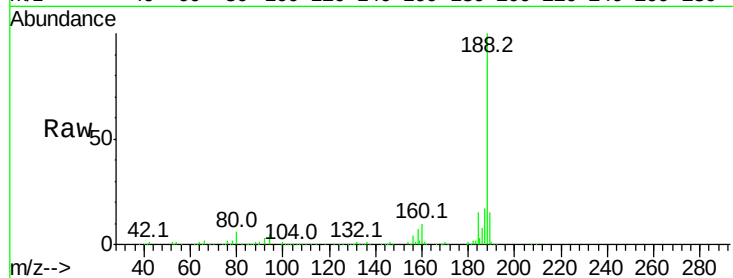
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Instrument :
BNA_G
ClientSampleId :
PB105239TB

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.6	7.7	11.5#

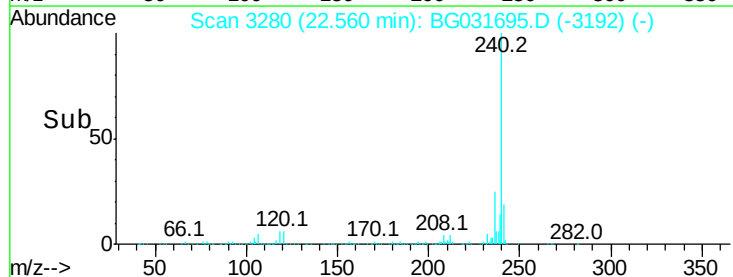
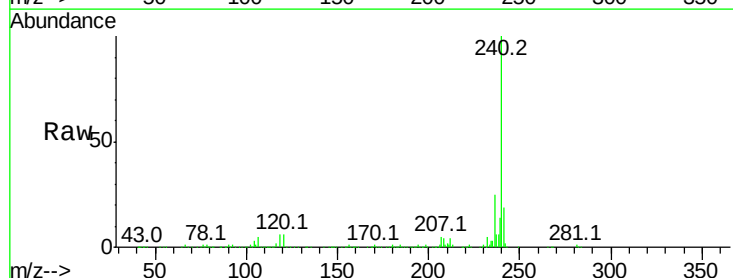
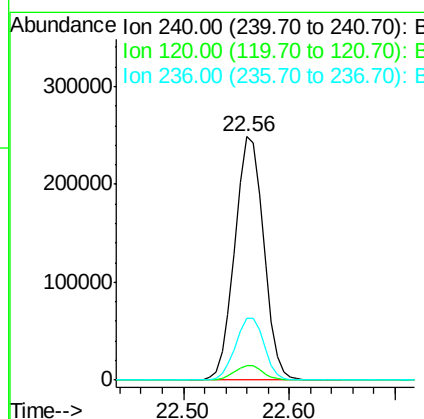
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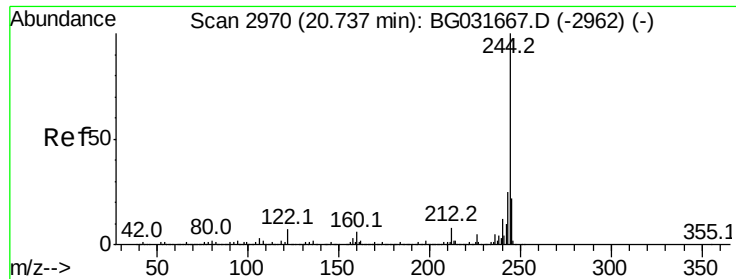
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.01 min
Lab File: BG031695.D
Acq: 22 Dec 2017 4:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.2	20.9	31.3





#78

Terphenyl-d14

Concen: 93.739 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

Instrument :

BNA_G

ClientSampleId :

PB105239TB

Tot Ion:244 Resp: 1935249

Ion Ratio Lower Upper

244 100

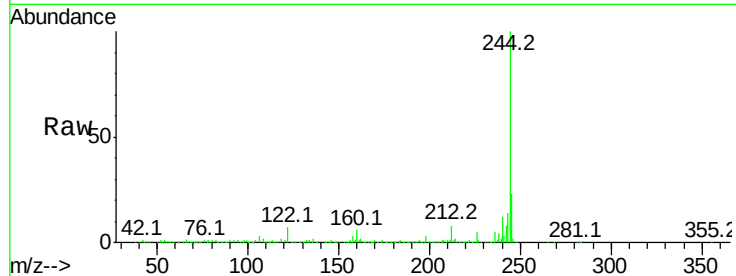
212 7.9 5.8 8.8

122 7.1 7.0 10.4

Manual Integrations
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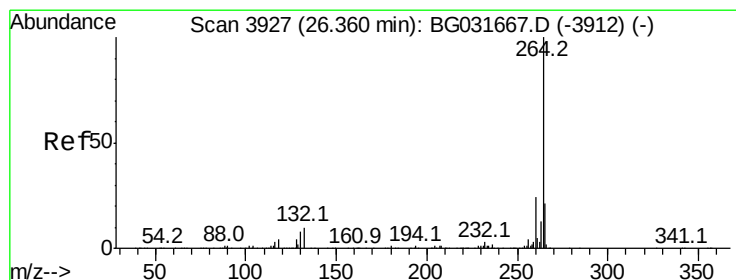
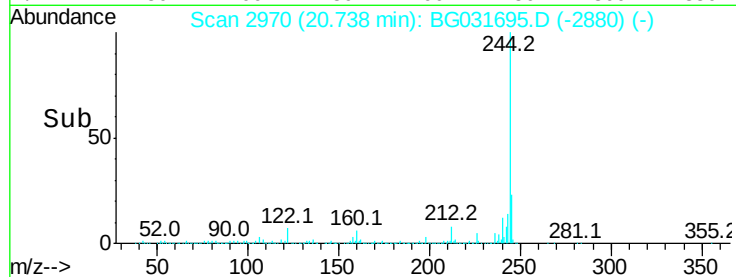
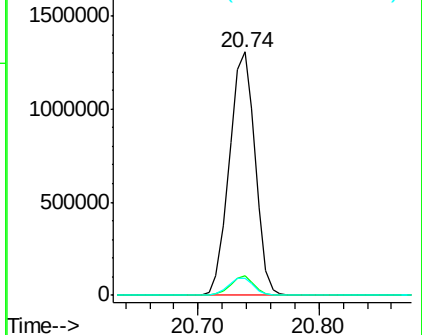
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.36 min Scan# 3926

Delta R.T. -0.00 min

Lab File: BG031695.D

Acq: 22 Dec 2017 4:53

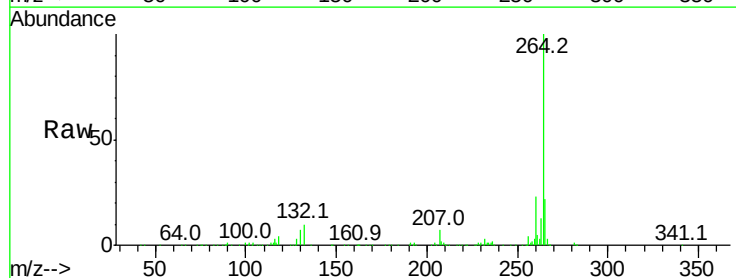
Tgt Ion:264 Resp: 491745

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

