

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031672.D
 Acq On : 21 Dec 2017 14:20
 Operator : SJ/JU
 Sample : PB105019BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105019BL

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:44:04 PM

Quant Time: Dec 21 17:20:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 14:09:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	58608m	20.00	ng	0.01
21) Naphthalene-d8	11.74	136	236114	20.00	ng	0.01
38) Acenaphthene-d10	15.48	164	161383	20.00	ng	0.01
63) Phenanthrene-d10	18.21	188	439222	20.00	ng	0.00
75) Chrysene-d12	22.58	240	560841	20.00	ng	0.00
86) Perylene-d12	26.39	264	556954	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.27	112	440277	136.83	ng	0.02
7) Phenol-d6	7.95	99	546424	130.79	ng	0.02
23) Nitrobenzene-d5	10.05	82	281638	90.07	ng	0.01
41) 2,4,6-Tribromophenol	16.95	330	335011	136.05	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	1071461	83.33	ng	0.01
78) Terphenyl-d14	20.75	244	2089508	85.12	ng	0.01

Target Compounds Qvalue

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

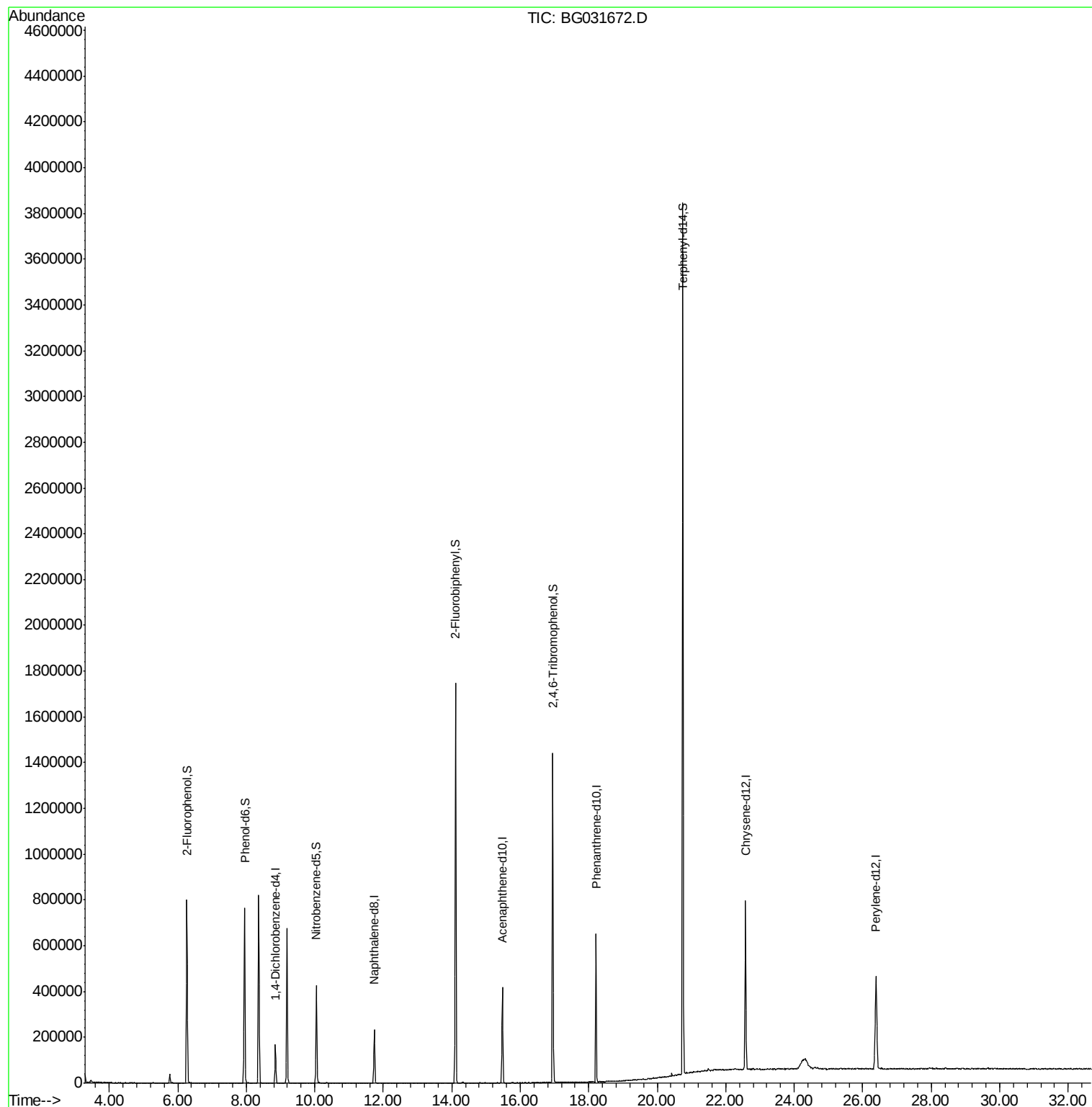
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
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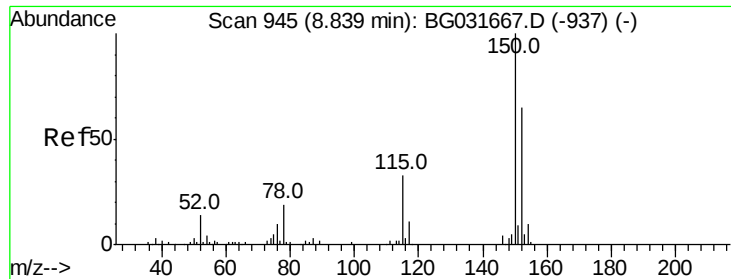
Instrument :
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#1

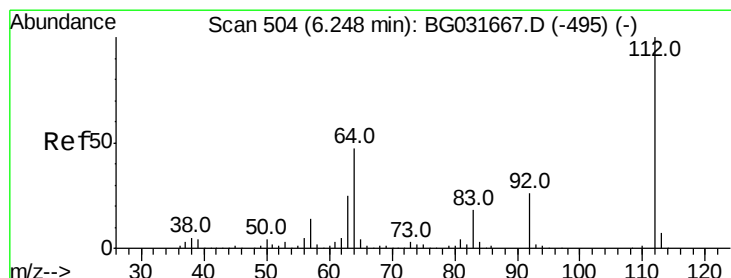
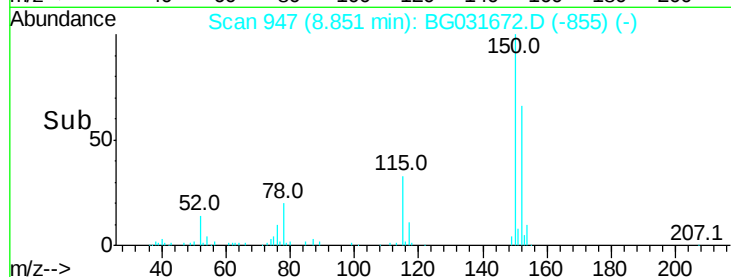
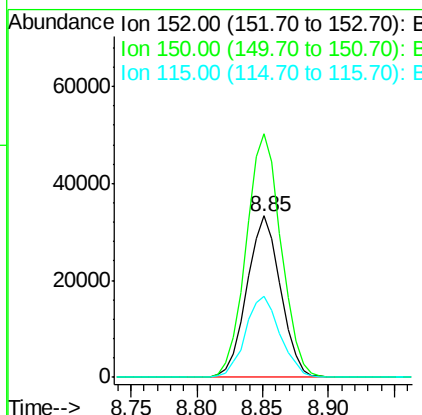
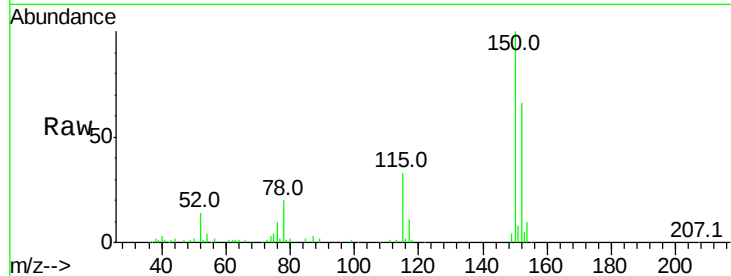
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.85 min Scan# 947
Delta R.T. 0.01 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	126.6	189.8
115	50.1	53.0	79.4#

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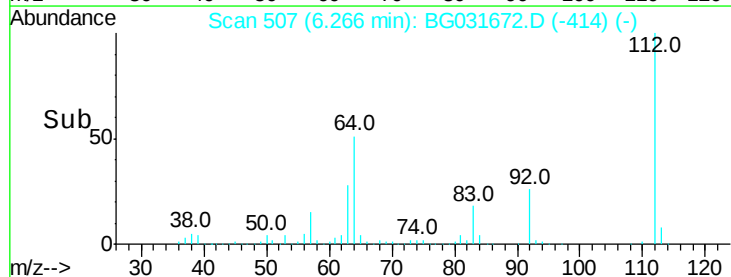
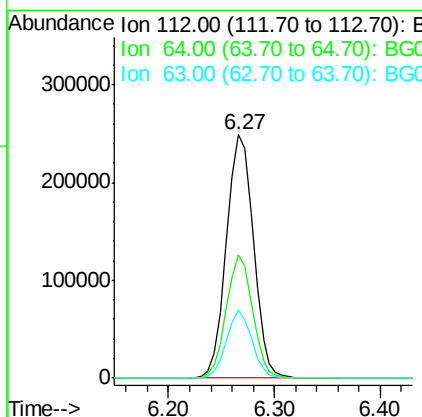
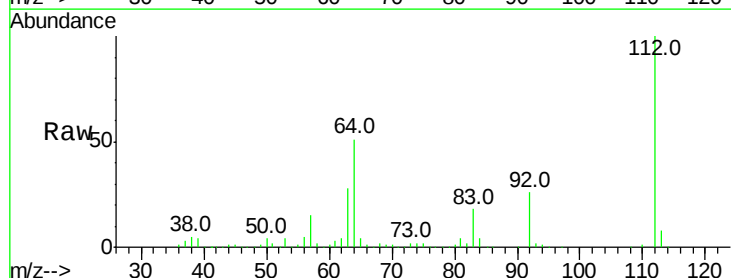
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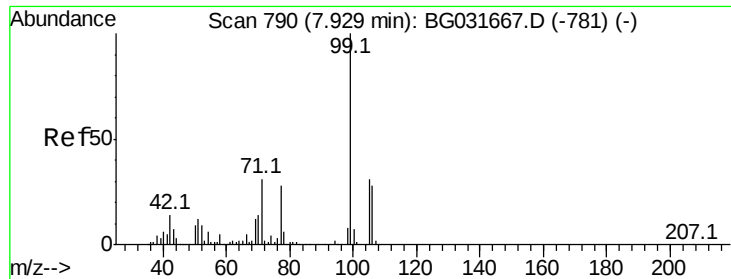


#5

2-Fluorophenol
Concen: 136.827 ng
RT: 6.27 min Scan# 507
Delta R.T. 0.02 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	27.8	30.1	45.1#





#7

Phenol-d6

Concen: 130.794 ng

RT: 7.95 min Scan# 794

Delta R.T. 0.02 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

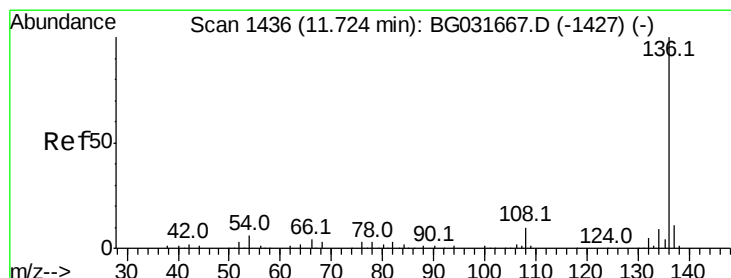
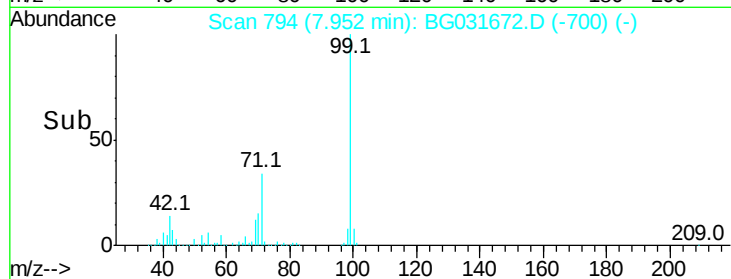
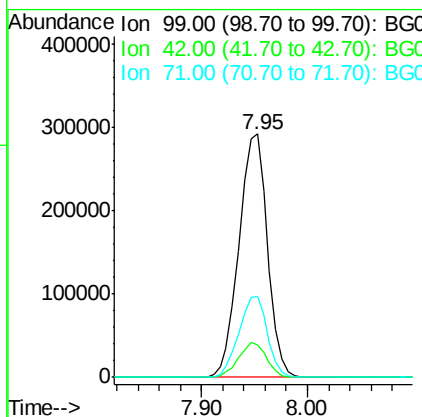
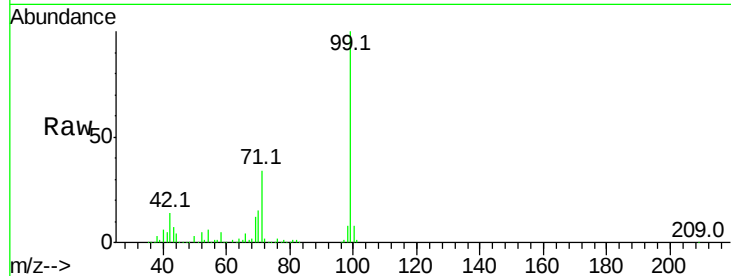
ClientSampleId :

PB105019BL

Tot Ion	99	Resp	546424
Ion Ratio	Lower	Upper	
99	100		
42	13.5	14.1	21.1#
71	33.5	26.1	39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

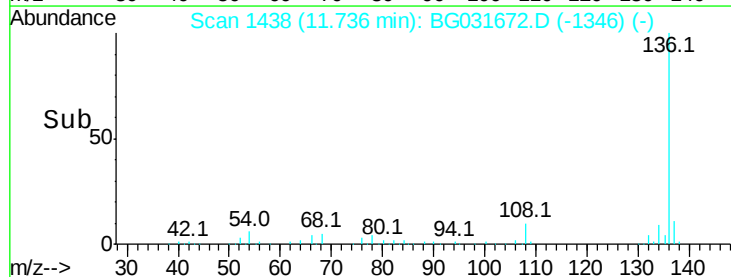
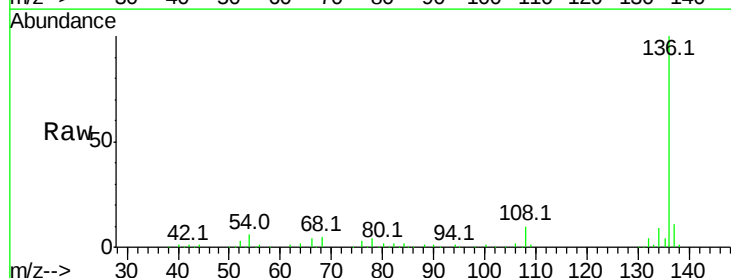
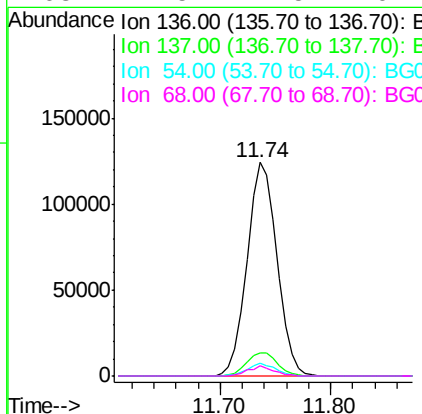
RT: 11.74 min Scan# 1438

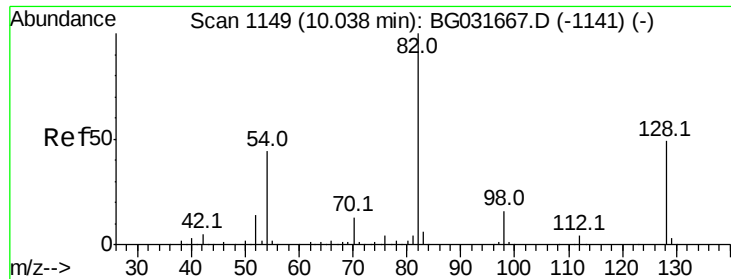
Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Tgt Ion	136	Resp	236114
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.2	13.8
54	6.2	10.3	15.5#
68	4.5	4.5	6.7





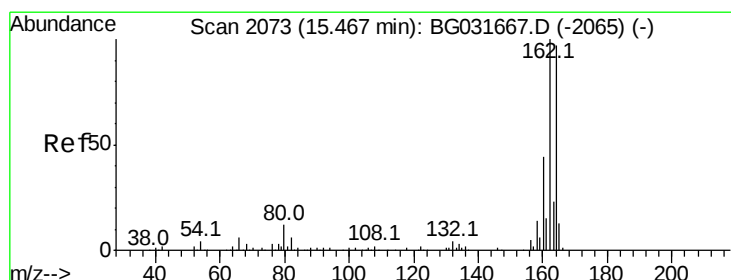
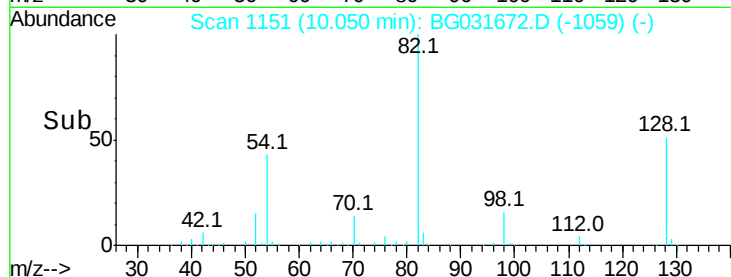
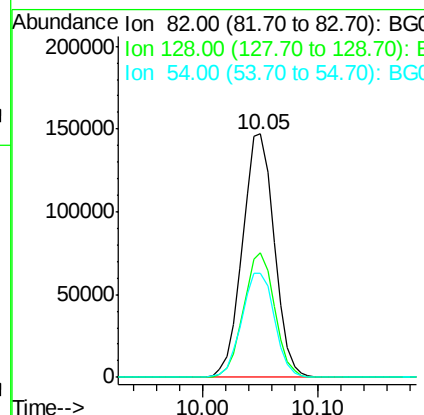
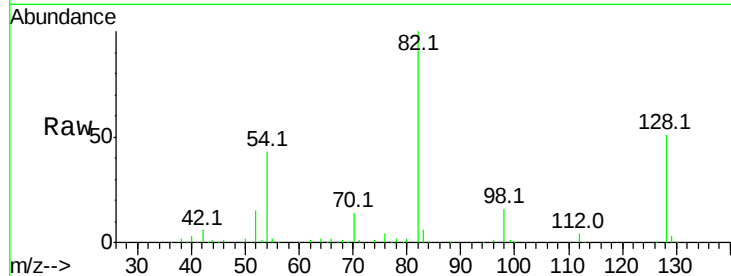
#23
 Nitrobenzene-d5
 Concen: 90.071 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

Instrument :
 BNA_G
 ClientSampleID :
 PB105019BL

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.1	29.7	44.5#	
54	42.7	43.1	64.7#	

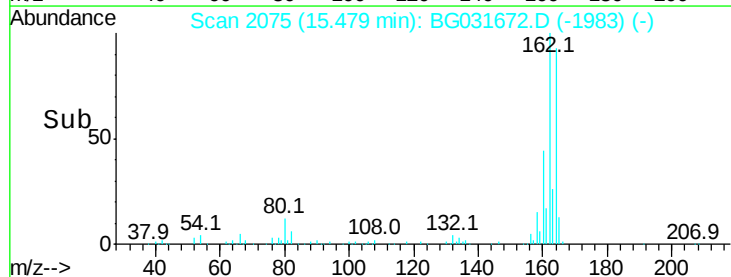
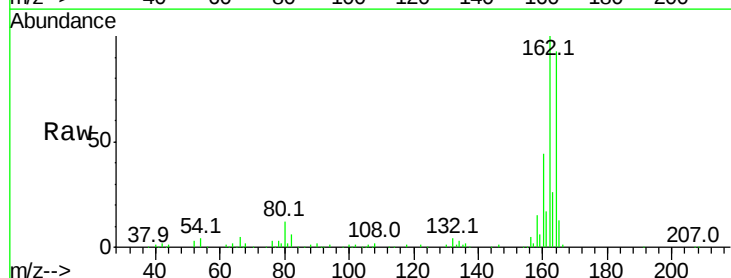
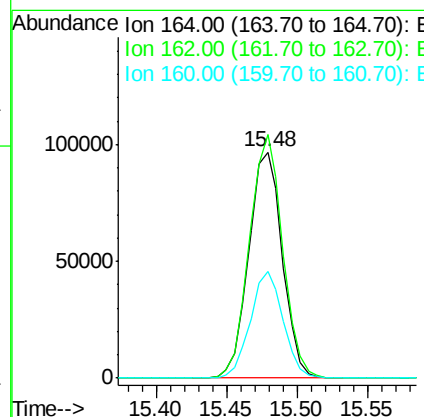
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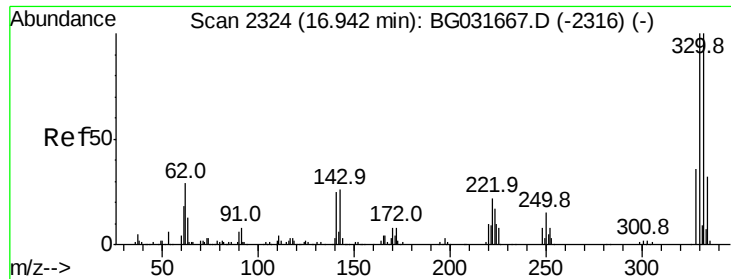
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG031672.D
 Acq: 21 Dec 2017 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.7	78.8	118.2	
160	47.3	35.4	53.0	





#41

2,4,6-Tribromophenol

Concen: 136.046 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

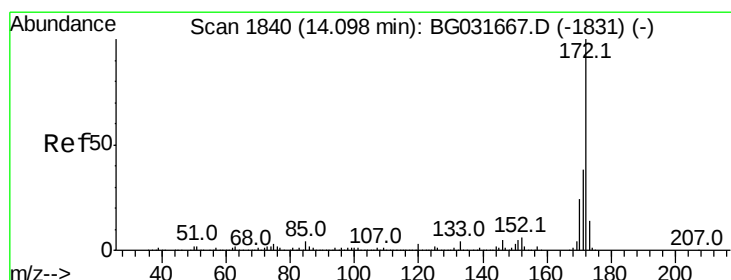
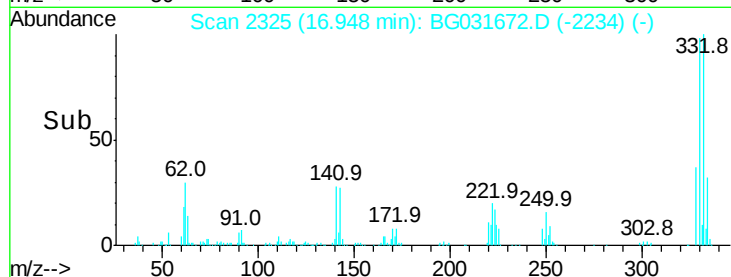
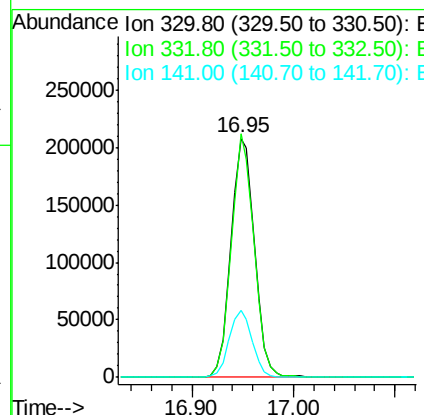
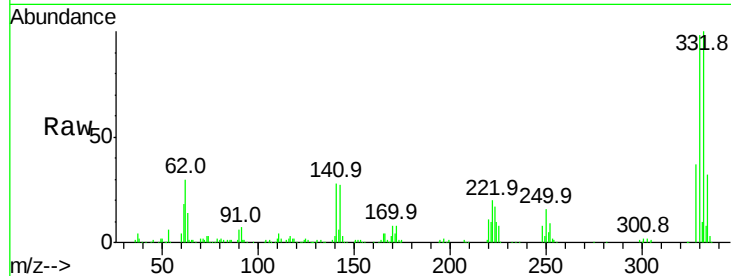
ClientSampleId :

PB105019BL

Tot Ion:	330	Resp:	335011
Ion Ratio	Lower	Upper	
330	100		
332	97.8	77.0	115.6
141	27.4	25.2	37.8

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#44

2-Fluorobiphenyl

Concen: 83.331 ng

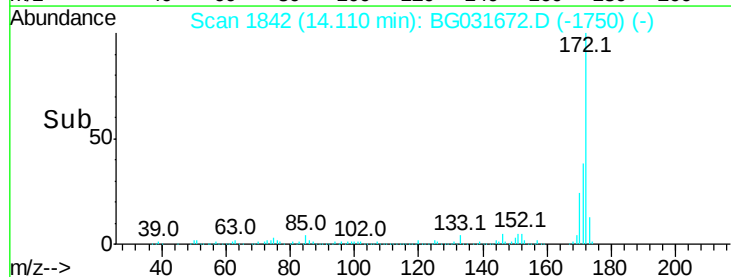
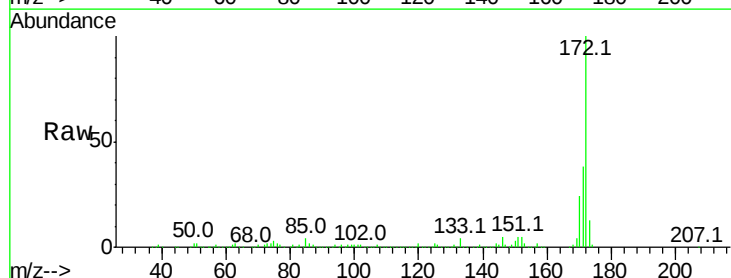
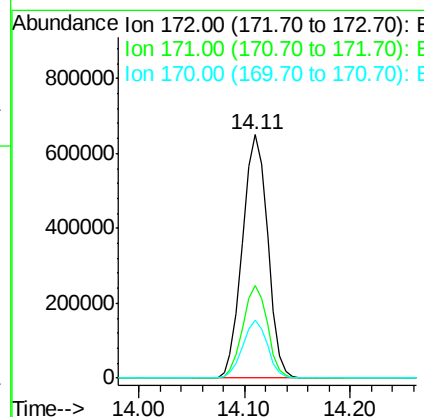
RT: 14.11 min Scan# 1842

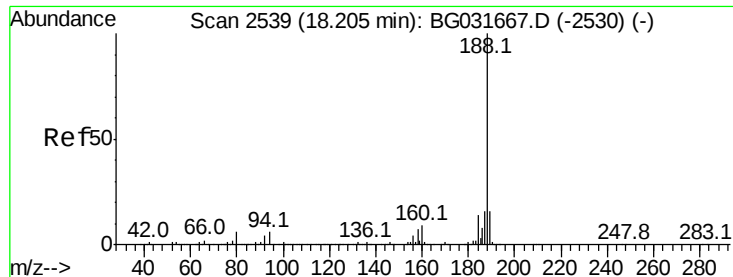
Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Tgt Ion:	172	Resp:	1071461
Ion Ratio	Lower	Upper	
172	100		
171	38.2	30.0	45.0
170	23.9	19.5	29.3





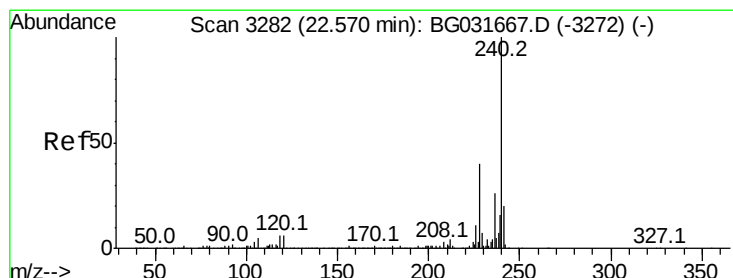
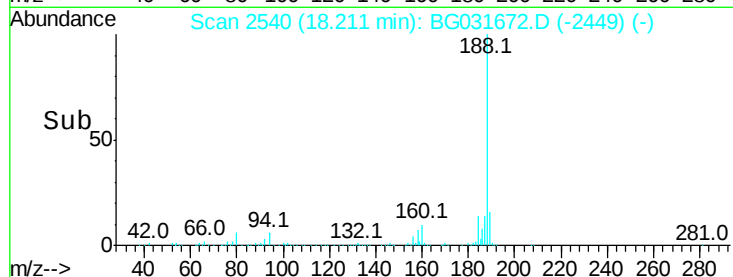
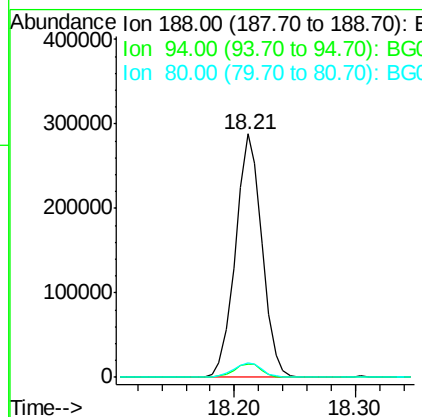
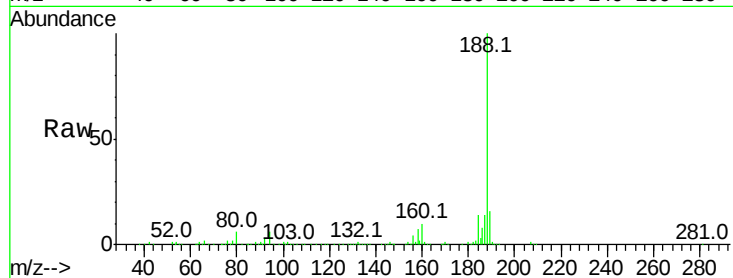
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.9	7.7	11.5#

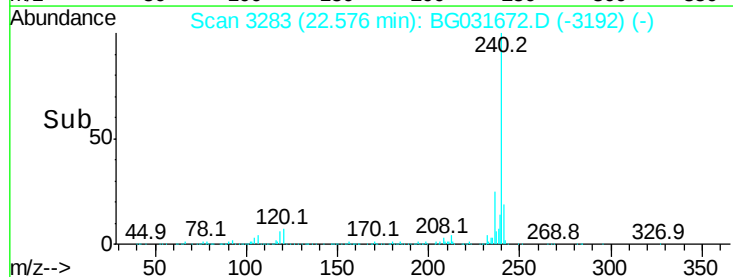
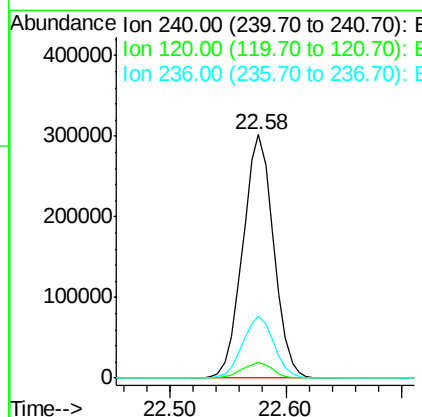
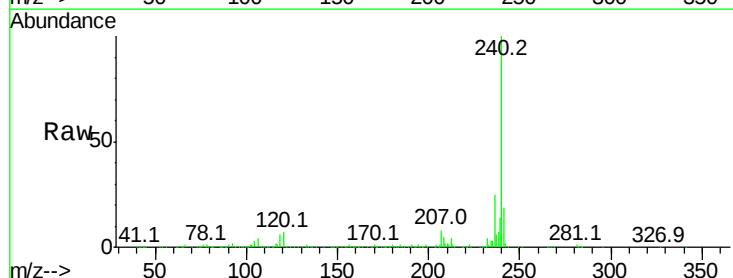
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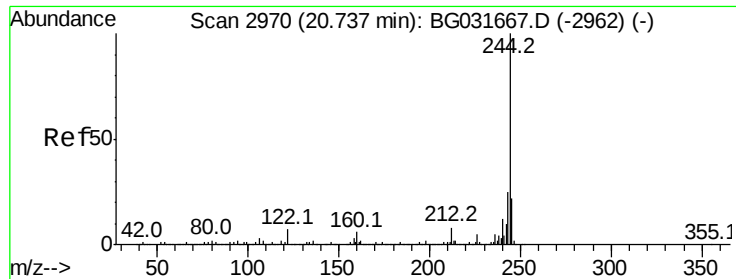
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.58 min Scan# 3283
Delta R.T. 0.01 min
Lab File: BG031672.D
Acq: 21 Dec 2017 14:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	25.2	20.9	31.3





#78

Terphenyl-d14

Concen: 85.118 ng

RT: 20.75 min Scan# 2972

Delta R.T. 0.01 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

Instrument :

BNA_G

ClientSampled :

PB105019BL

Tot Ion:244 Resp: 2089508

Ion Ratio Lower Upper

244 100

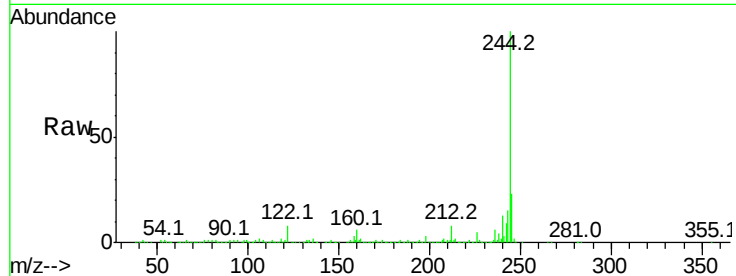
212 8.1 5.8 8.8

122 7.6 7.0 10.4

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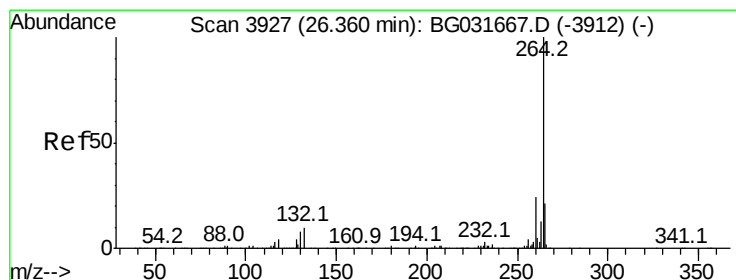
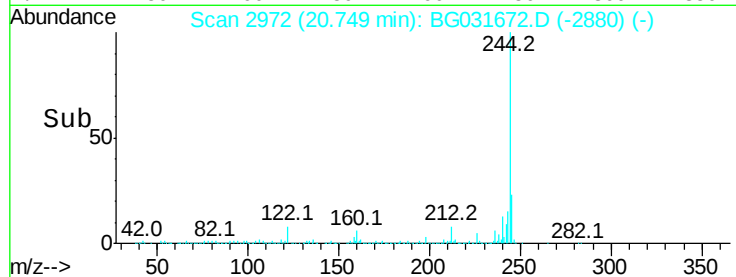
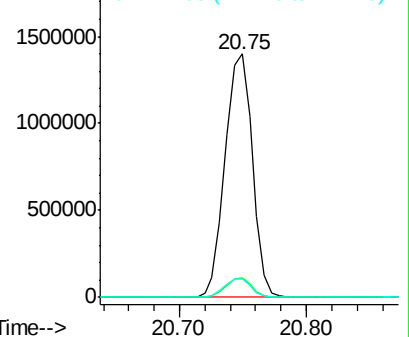
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Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.39 min Scan# 3932

Delta R.T. 0.03 min

Lab File: BG031672.D

Acq: 21 Dec 2017 14:20

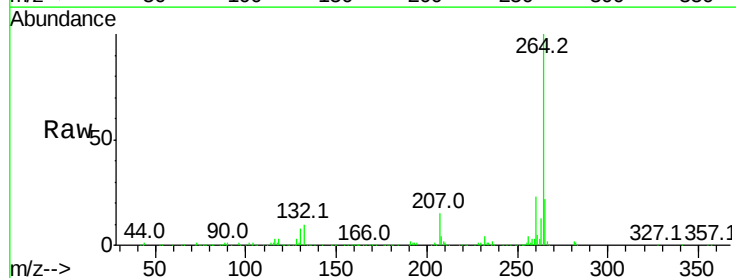
Tgt Ion:264 Resp: 556954

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.8 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

