

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
 Data File : BG031677.D
 Acq On : 21 Dec 2017 17:28
 Operator : SJ/JU
 Sample : PB105239BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105239BL

Manual Integrations
 APPROVED

Sohil
 12/22/2017 12:44:09 PM

Quant Time: Dec 22 03:33:45 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	8.83	152	52939m	20.00	ng	0.00
21) Naphthalene-d8	11.72	136	213855	20.00	ng	0.00
38) Acenaphthene-d10	15.46	164	146391	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	392884	20.00	ng	0.00
75) Chrysene-d12	22.56	240	492396	20.00	ng	-0.01
86) Perylene-d12	26.35	264	505521	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	358955	123.50	ng	0.00
7) Phenol-d6	7.93	99	438559	116.22	ng	0.00
23) Nitrobenzene-d5	10.03	82	221739	78.30	ng	0.00
41) 2,4,6-Tribromophenol	16.94	330	273003	122.22	ng	0.00
44) 2-Fluorobiphenyl	14.09	172	857966	73.56	ng	0.00
78) Terphenyl-d14	20.73	244	1696557	78.72	ng	0.00

Target Compounds Qvalue

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

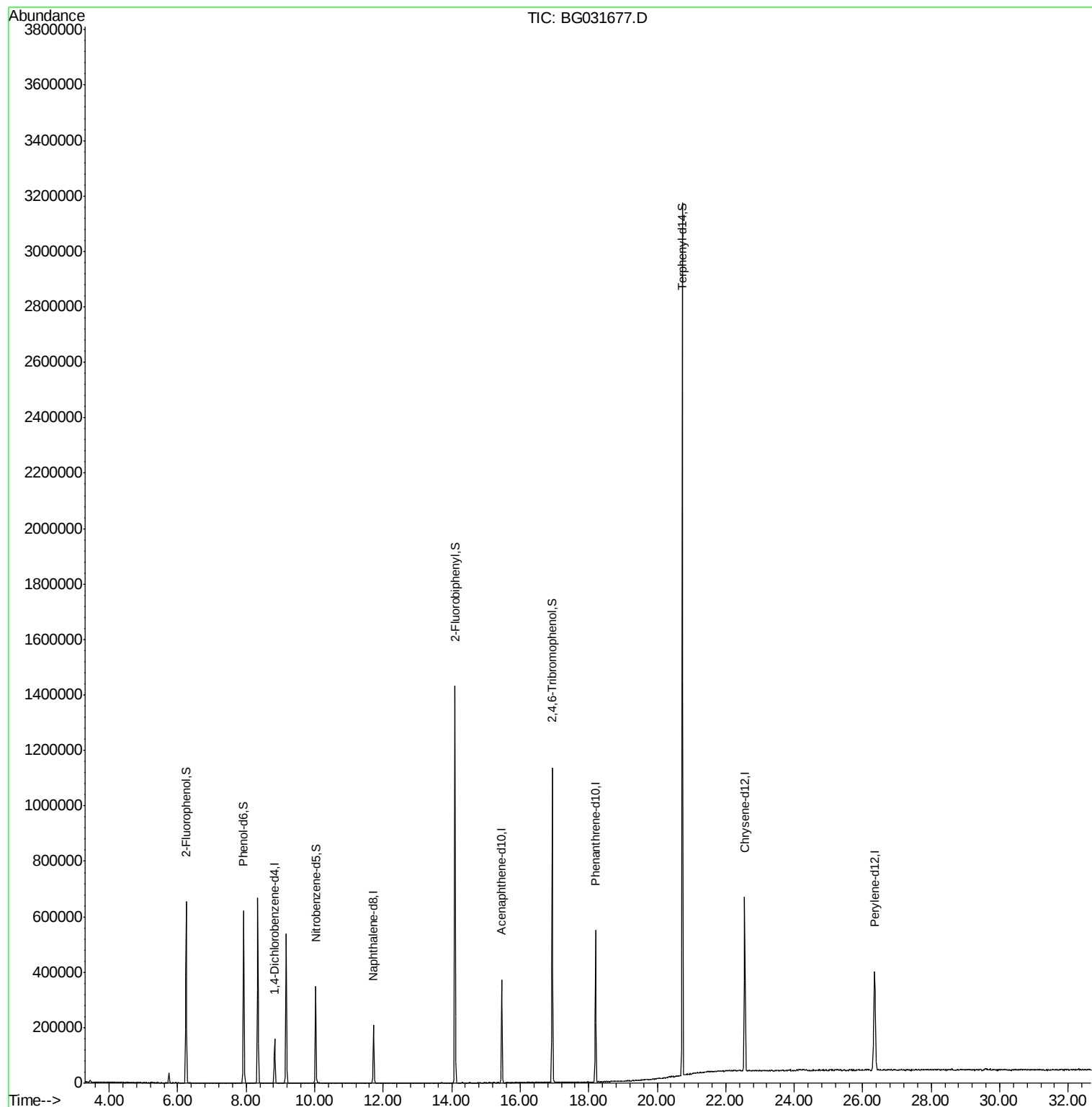
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
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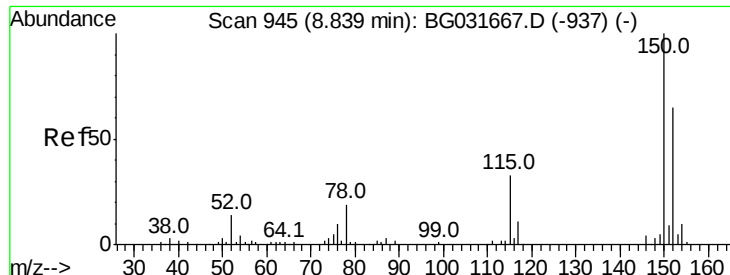
Instrument :
BNA_G
ClientSampleId :
PB105239BL

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#1

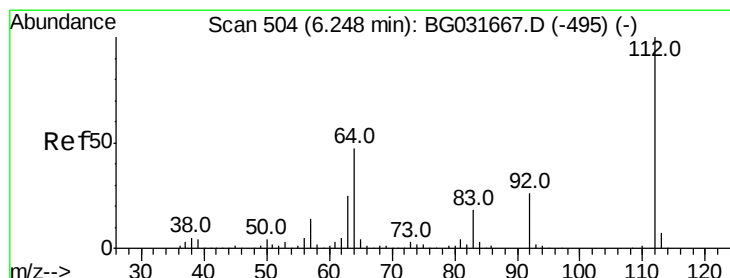
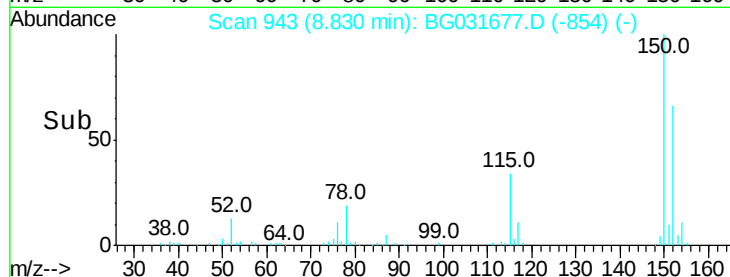
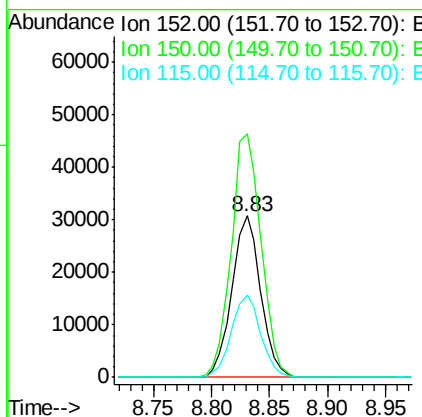
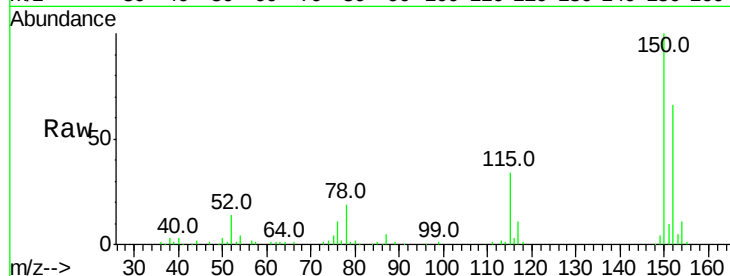
1,4-Dichlorobenzene-d4
Concen: 20.000 ng/ml
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG031677.D
Acq: 21 Dec 2017 17:28

Instrument :
BNA_G
ClientSampleId :
PB105239BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.6	189.8
115	50.8	53.0	79.4

Manual Integrations
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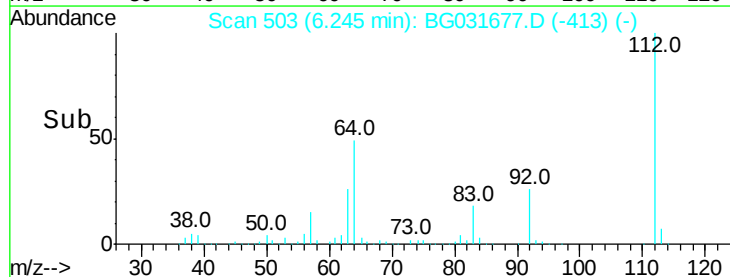
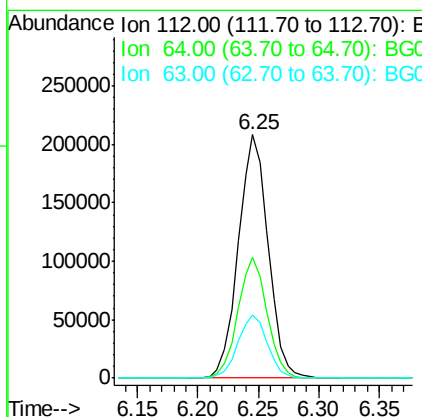
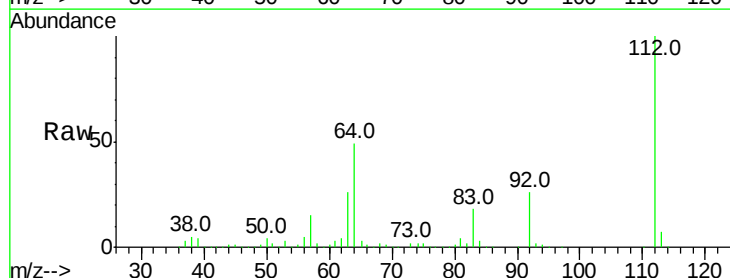
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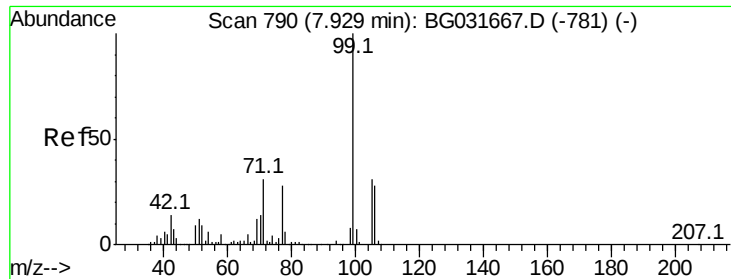


#5

2-Fluorophenol
Concen: 123.500 ng
RT: 6.25 min Scan# 503
Delta R.T. -0.00 min
Lab File: BG031677.D
Acq: 21 Dec 2017 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.4	56.3	84.5
63	26.2	30.1	45.1





#7

Phenol-d6

Concen: 116.217 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG031677.D

Acq: 21 Dec 2017 17:28

Instrument :

BNA_G

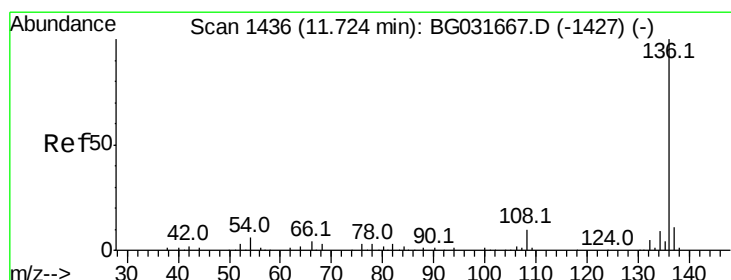
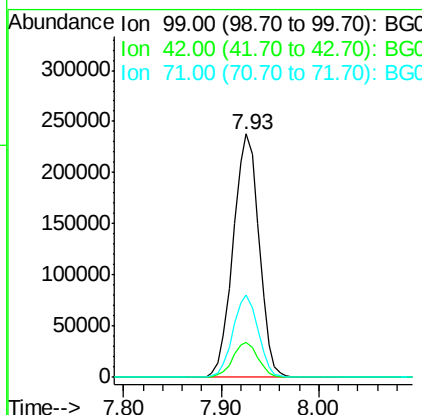
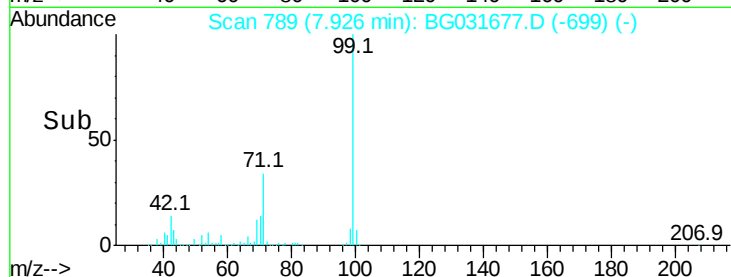
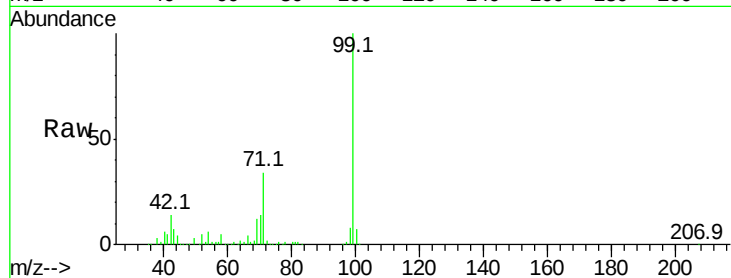
ClientSampleId :

PB105239BL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		438559		
42	14.2	14.1	21.1		
71	33.9	26.1	39.1		

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#21

Naphthalene-d8

Concen: 20.000 ng

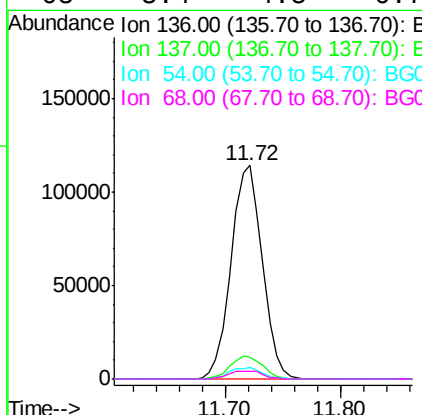
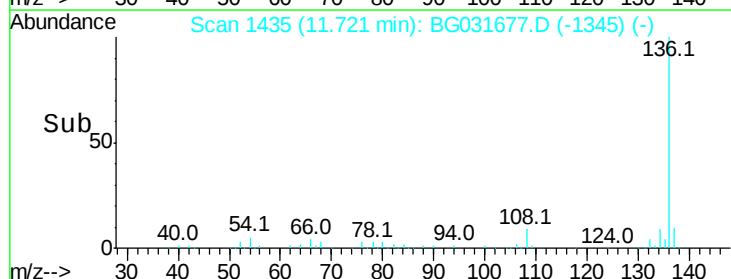
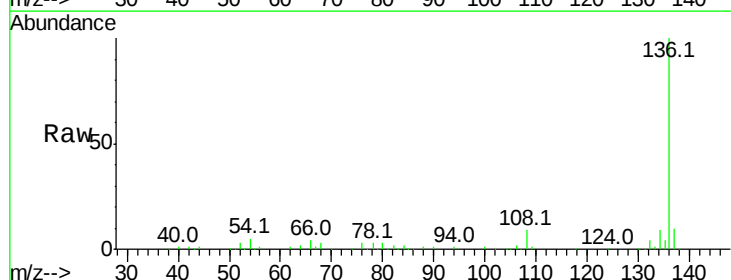
RT: 11.72 min Scan# 1435

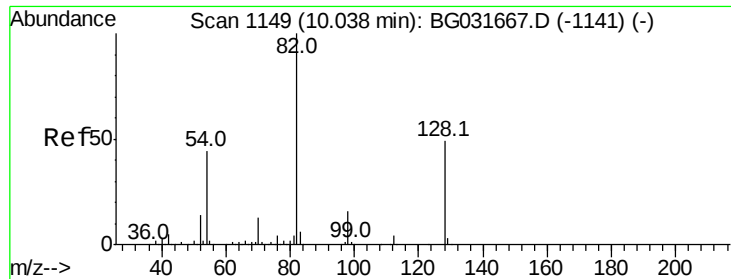
Delta R.T. -0.00 min

Lab File: BG031677.D

Acq: 21 Dec 2017 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		213855		
137	10.1	9.2	13.8		
54	5.5	10.3	15.5#		
68	3.4	4.5	6.7#		





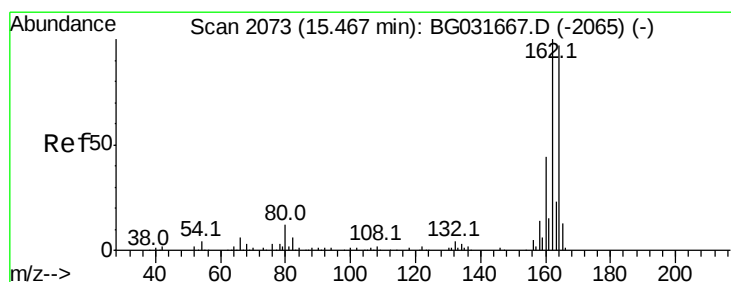
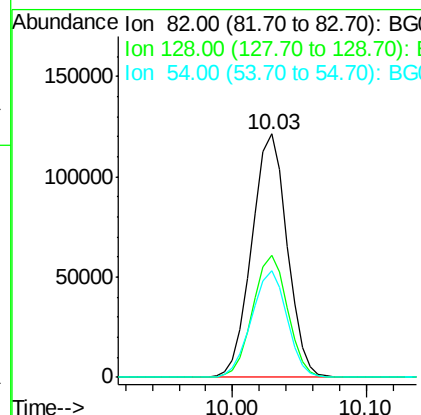
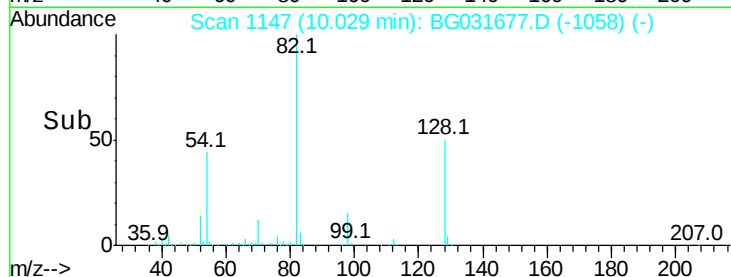
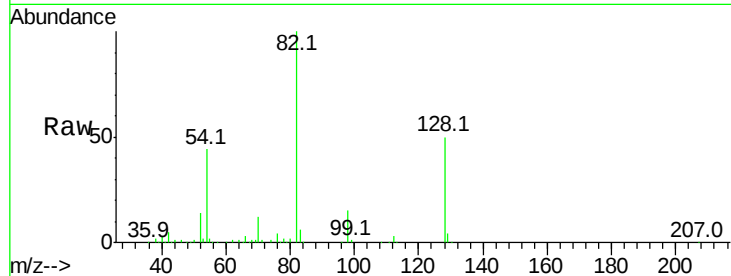
#23
 Nitrobenzene-d5
 Concen: 78.296 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BG031677.D
 Acq: 21 Dec 2017 17:28

Instrument :
 BNA_G
 ClientSampleId :
 PB105239BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.2	29.7	44.5#
54	44.0	43.1	64.7

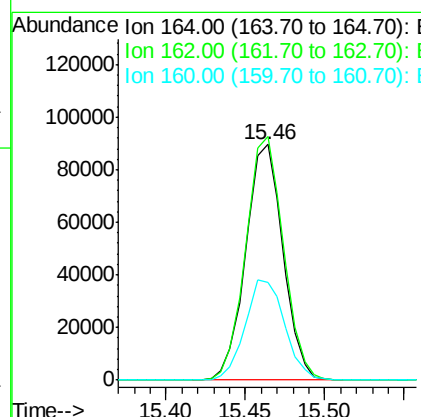
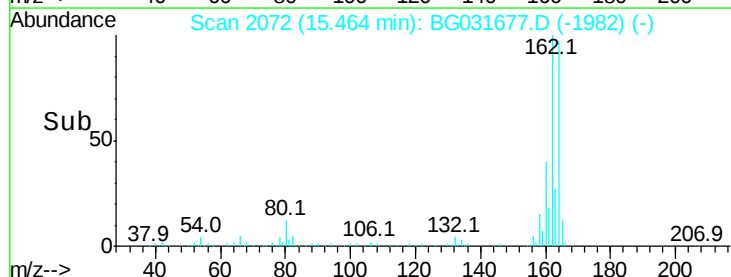
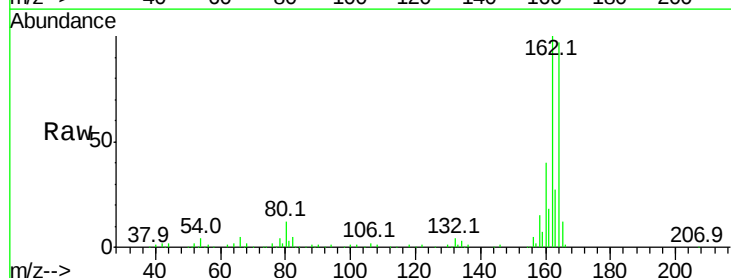
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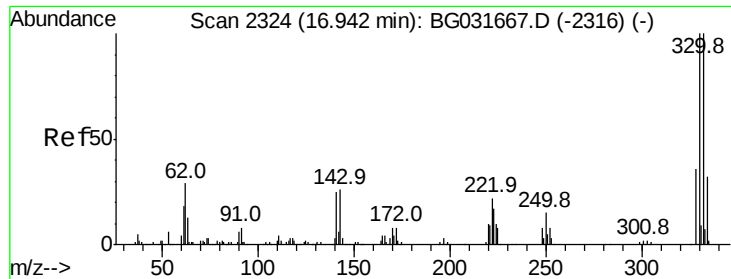
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: BG031677.D
 Acq: 21 Dec 2017 17:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	41.7	35.4	53.0





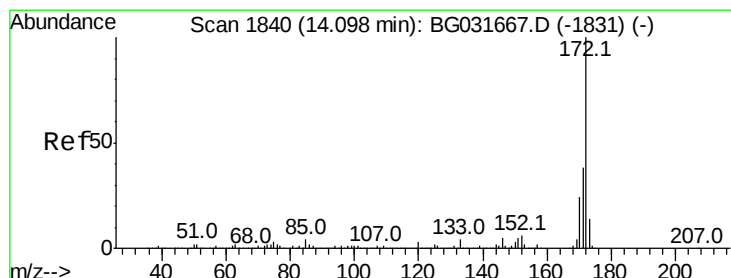
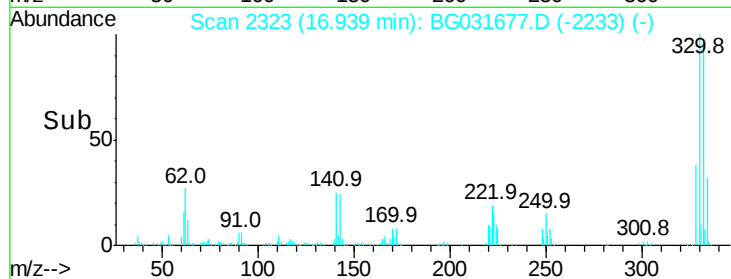
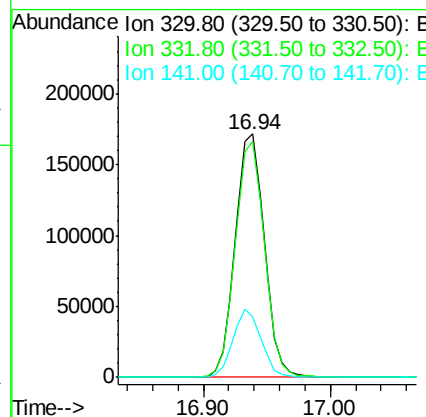
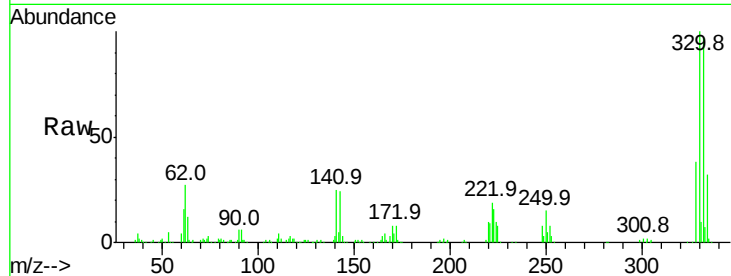
#41
 2,4,6-Tribromophenol
 Concen: 122.219 ng
 RT: 16.94 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG031677.D
 Acq: 21 Dec 2017 17:28

Instrument :
 BNA_G
 ClientSampleId :
 PB105239BL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	273003		
332	96.9	77.0	115.6	
141	26.8	25.2	37.8	

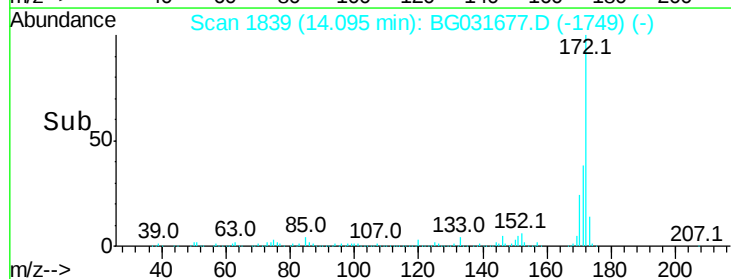
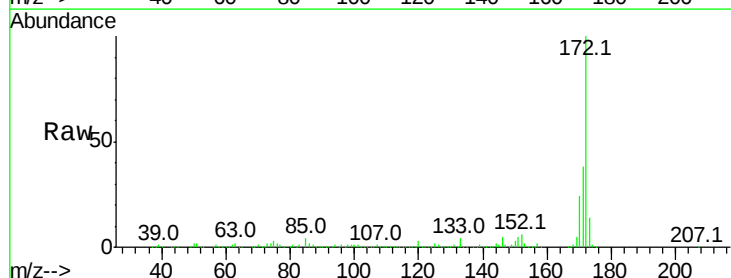
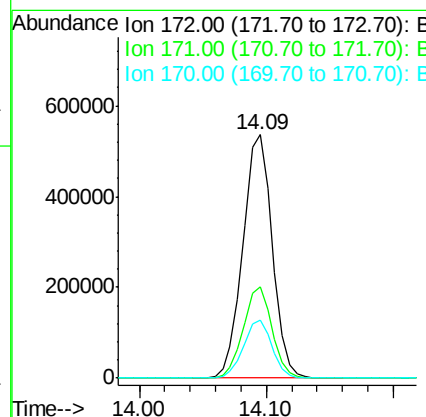
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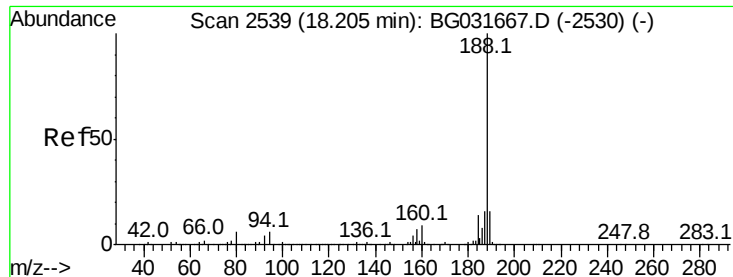
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#44
 2-Fluorobiphenyl
 Concen: 73.561 ng
 RT: 14.09 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BG031677.D
 Acq: 21 Dec 2017 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	857966		
171	37.7	30.0	45.0	
170	23.6	19.5	29.3	





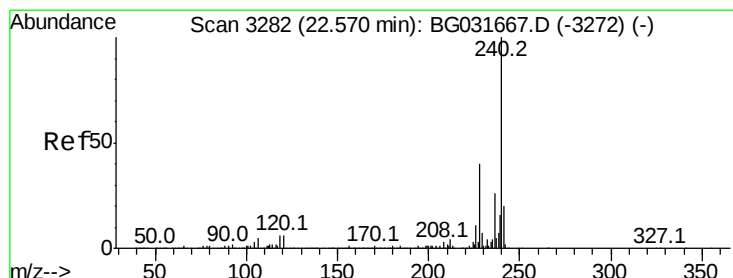
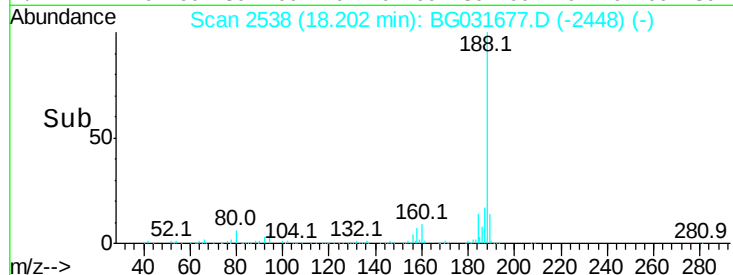
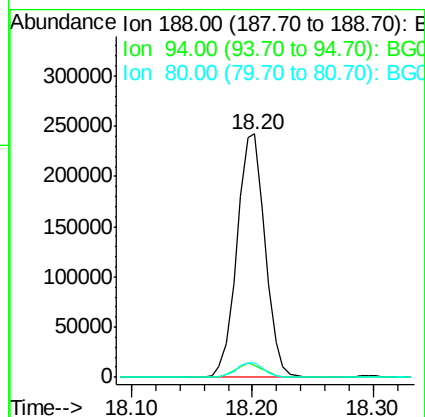
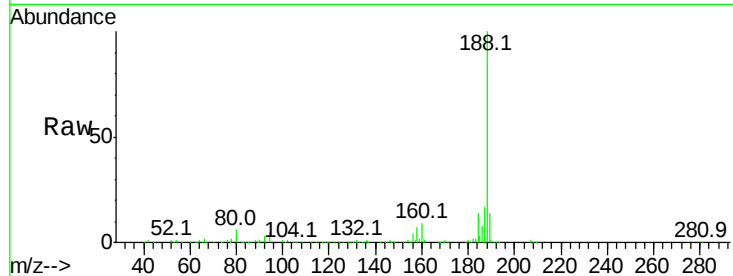
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG031677.D
Acq: 21 Dec 2017 17:28

Instrument :
BNA_G
ClientSampleId :
PB105239BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.7	7.7	11.5#

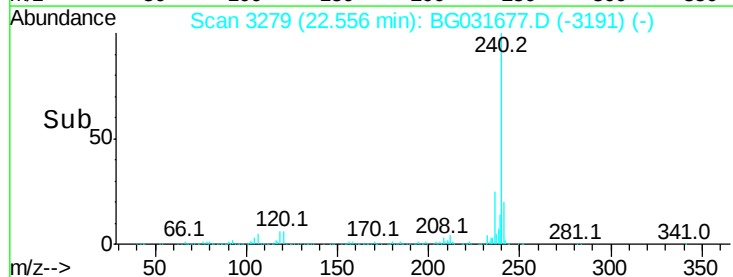
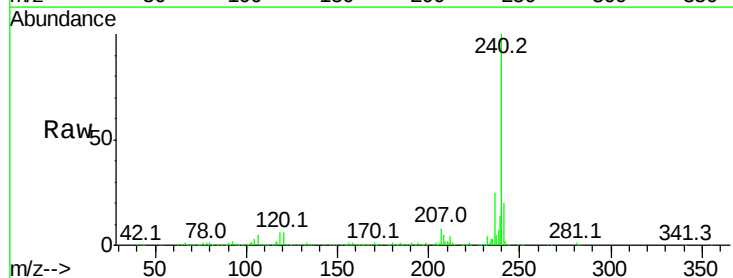
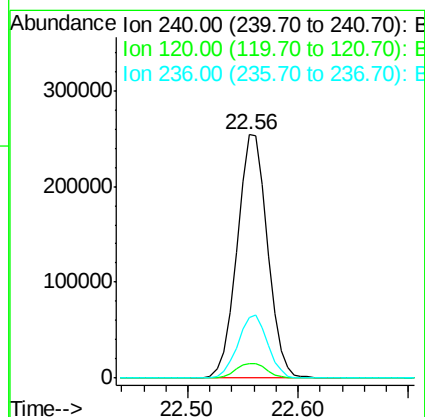
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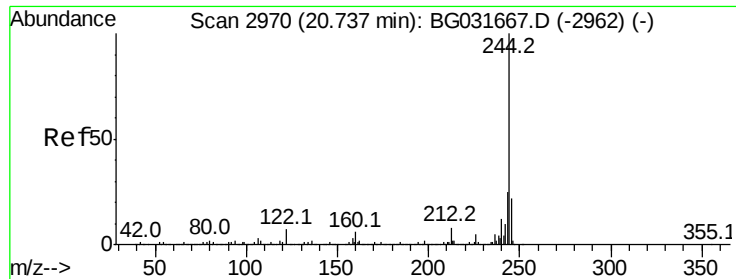
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG031677.D
Acq: 21 Dec 2017 17:28

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.0	20.9	31.3





#78

Terphenyl-d14

Concen: 78.718 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG031677.D

Acq: 21 Dec 2017 17:28

Instrument :

BNA_G

ClientSampleId :

PB105239BL

Tot Ion:244 Resp: 1696557

Ion Ratio Lower Upper

244 100

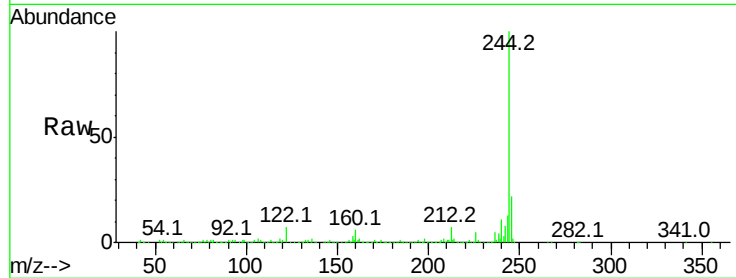
212 7.4 5.8 8.8

122 7.1 7.0 10.4

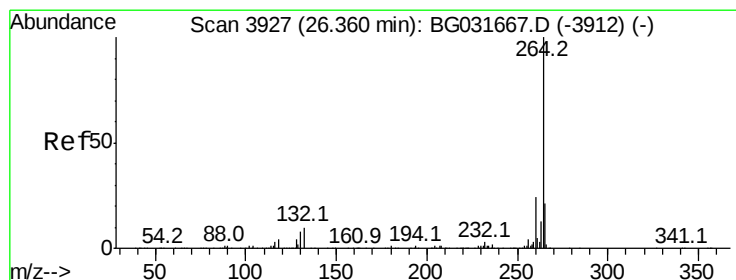
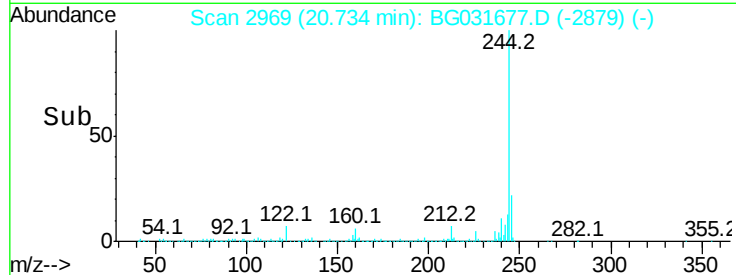
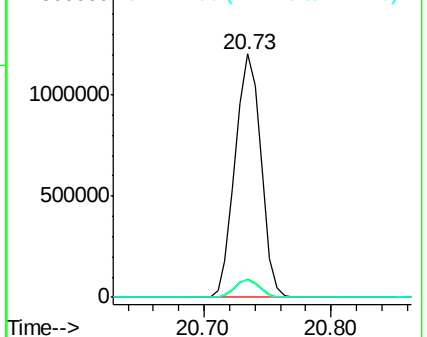
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.35 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG031677.D

Acq: 21 Dec 2017 17:28

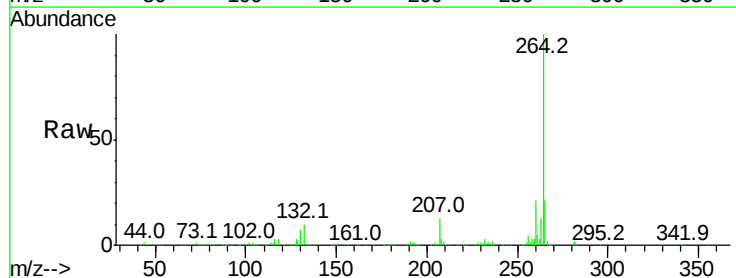
Tgt Ion:264 Resp: 505521

Ion Ratio Lower Upper

264 100

260 21.2 17.4 26.0

265 20.7 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

