

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032691.D
 Acq On : 14 Feb 2018 21:24
 Operator : SJ/JU
 Sample : J1538-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-COMP

Manual Integrations
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Quant Time: Feb 15 11:13:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	23756	20.00	ng	-0.01
21) Naphthalene-d8	11.55	136	113070	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	85725	20.00	ng	-0.01
63) Phenanthrene-d10	18.04	188	210200	20.00	ng	-0.01
75) Chrysene-d12	22.36	240	267788	20.00	ng	-0.01
86) Perylene-d12	26.00	264	303866	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	46495	39.27	ng	0.00
7) Phenol-d6	7.99	99	3879	2.40	ng	0.20
23) Nitrobenzene-d5	9.89	82	120377	67.66	ng	0.01
41) 2,4,6-Tribromophenol	16.78	330	108562	82.24	ng	-0.01
44) 2-Fluorobiphenyl	13.92	172	450068	65.65	ng	-0.01
78) Terphenyl-d14	20.58	244	649867	55.31	ng	0.00

Target Compounds Qvalue

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

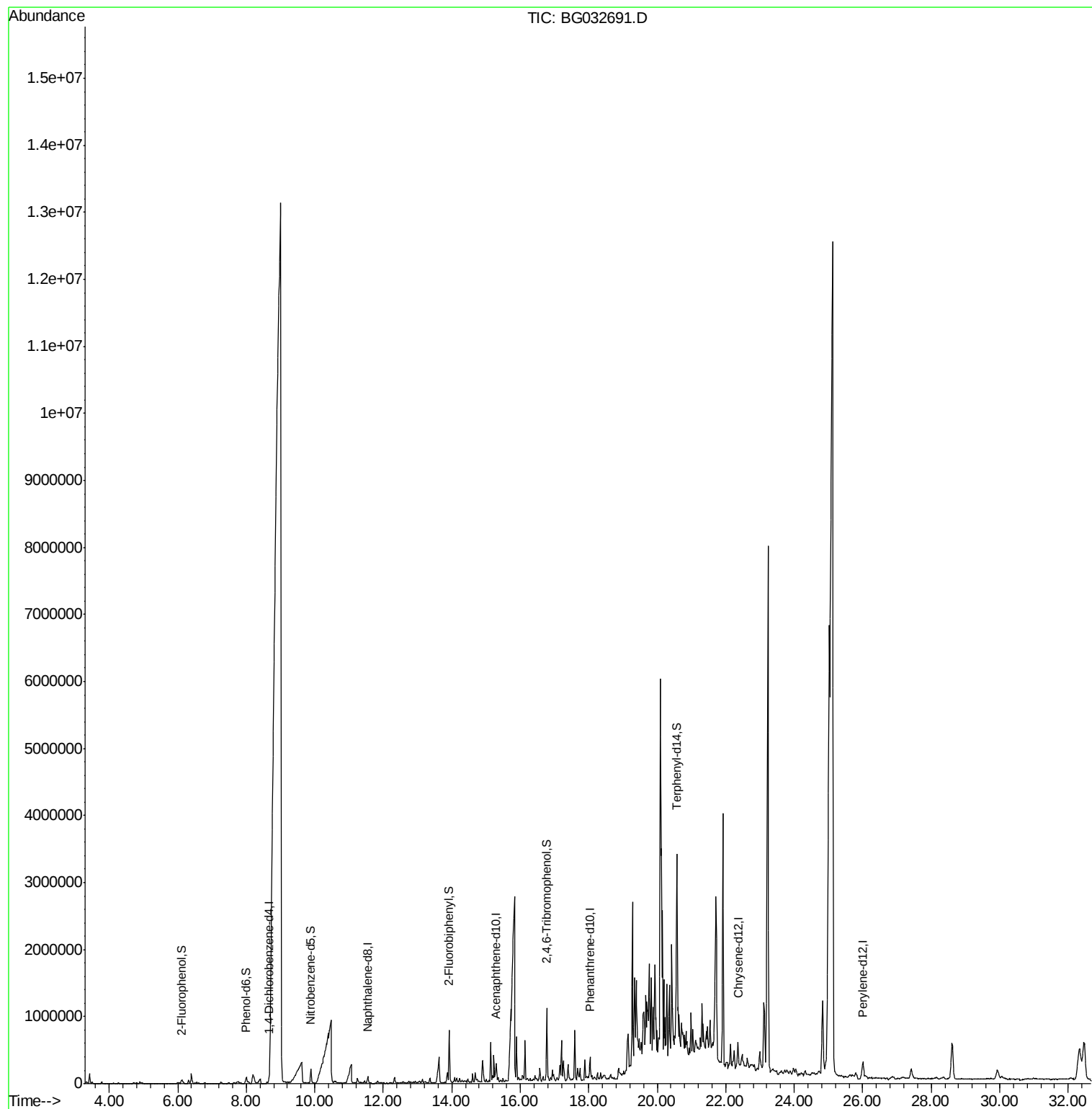
Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
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ALS Vial : 11 Sample Multiplier: 1

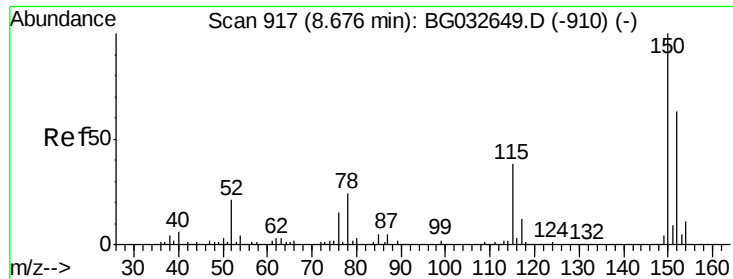
Instrument :
BNA_G
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Quant Time: Feb 15 11:13:27 2018
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#1

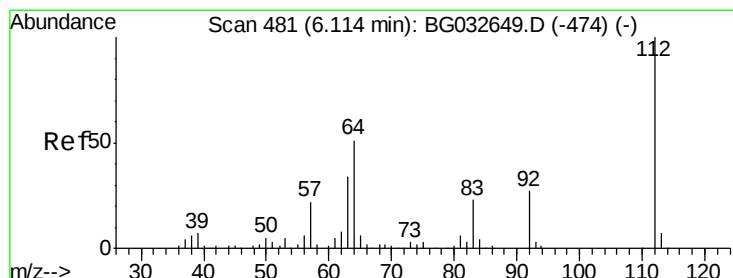
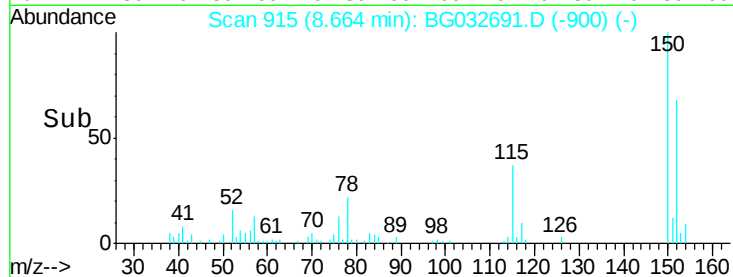
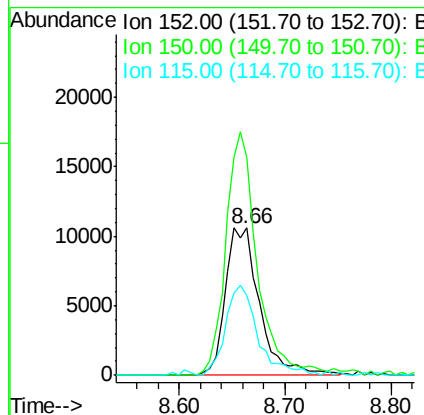
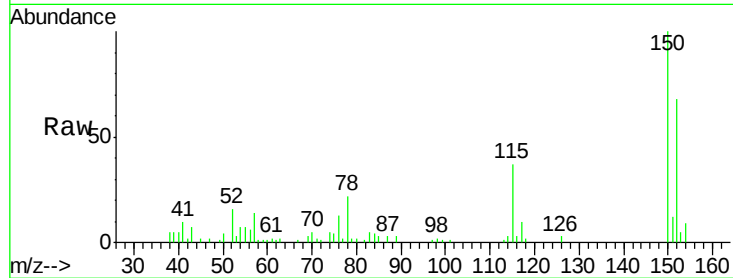
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EFF-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	54.5	53.0	79.4

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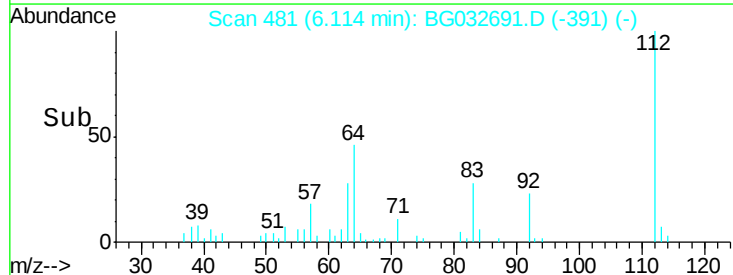
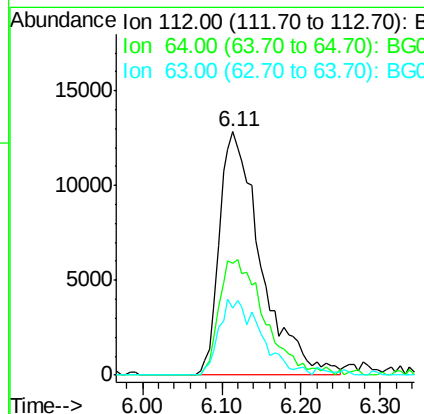
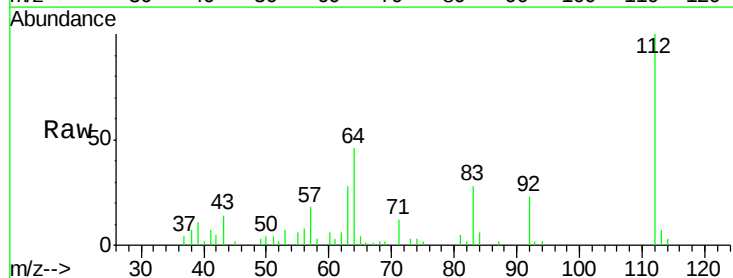
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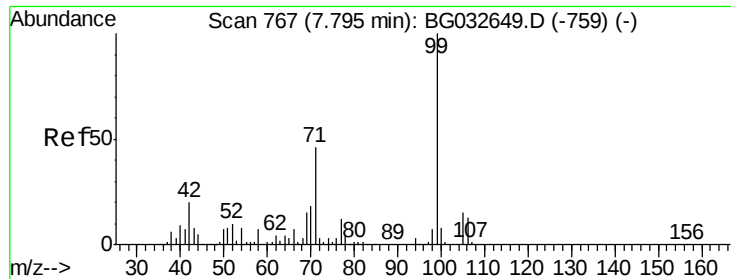


#5

2-Fluorophenol
Concen: 39.268 ng
RT: 6.11 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	56.3	84.5#
63	27.5	30.1	45.1#





#7

Phenol-d6

Concen: 2.396 ng

RT: 7.99 min Scan# 801

Delta R.T. 0.20 min

Lab File: BG032691.D

Acq: 14 Feb 2018 21:24

Instrument :

BNA_G

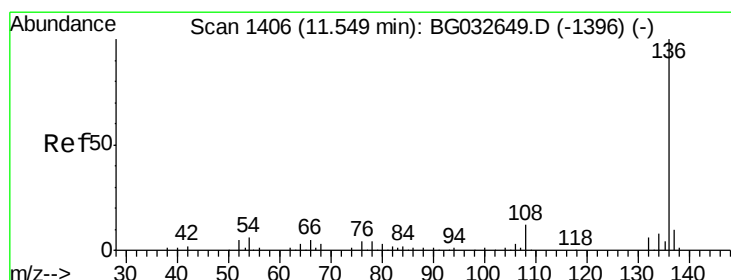
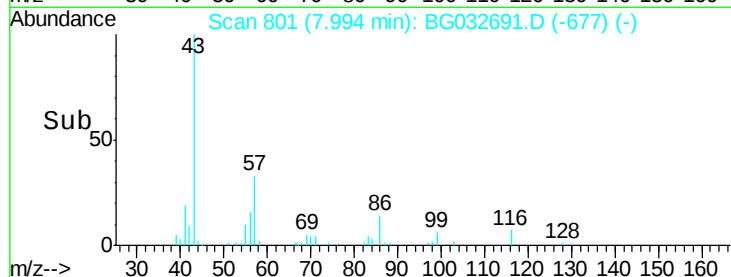
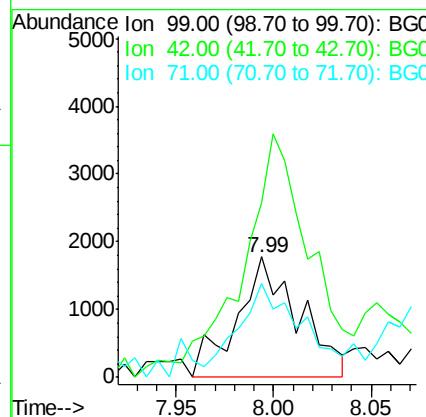
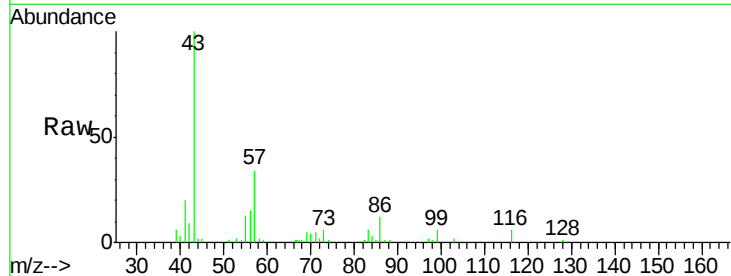
ClientSampled :

EFF-COMP

Tot Ion:	99	Resp:	3879
Ion Ratio	Lower	Upper	
99	100		
42	145.7	14.1	21.1#
71	77.7	26.1	39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

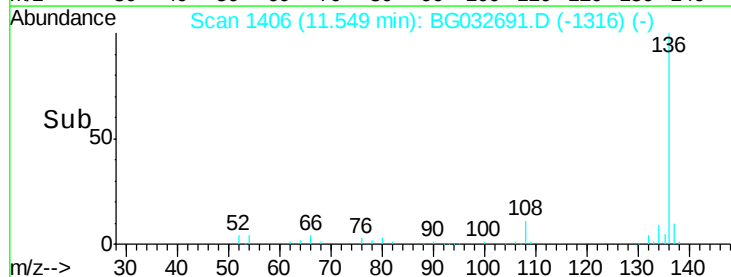
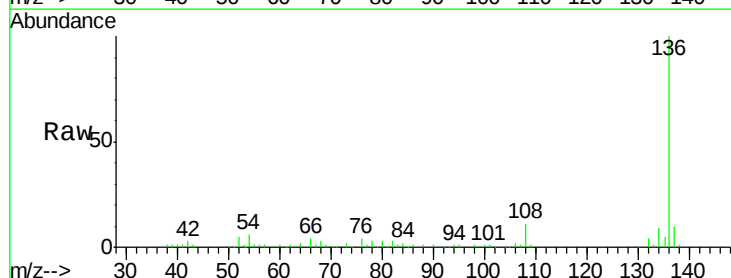
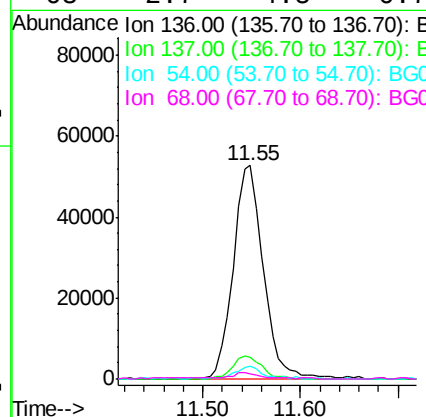
RT: 11.55 min Scan# 1406

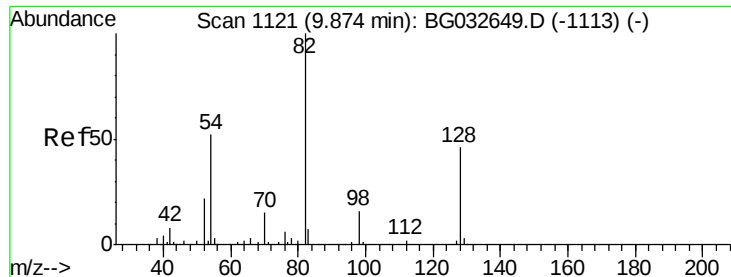
Delta R.T. -0.00 min

Lab File: BG032691.D

Acq: 14 Feb 2018 21:24

Tgt Ion:	136	Resp:	113070
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.2	13.8
54	5.8	10.3	15.5#
68	2.7	4.5	6.7#





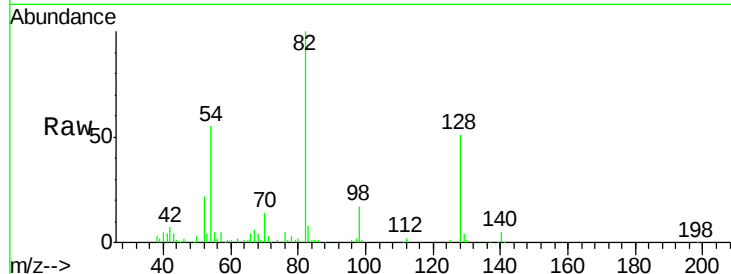
#23
 Nitrobenzene-d5
 Concen: 67.662 ng
 RT: 9.89 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BG032691.D
 Acq: 14 Feb 2018 21:24

Instrument :
 BNA_G
 ClientSampled :
 EFF-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	29.7	44.5#
54	55.4	43.1	64.7

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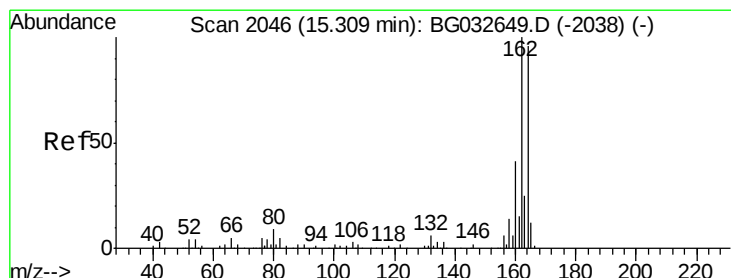
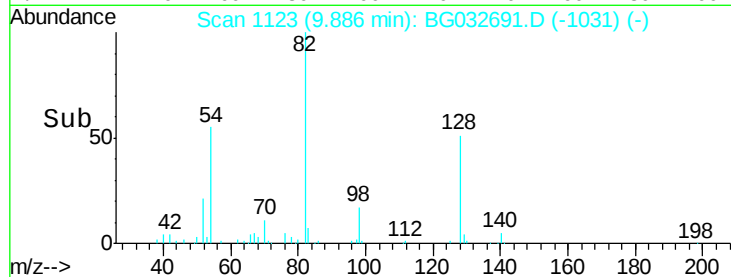
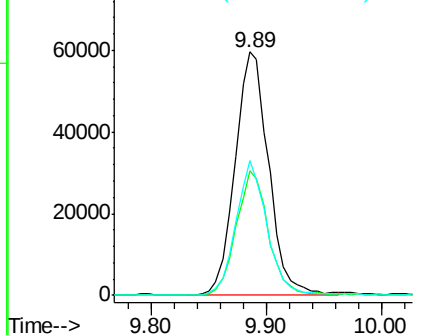


Abundance

Ion 82.00 (81.70 to 82.70): BGC

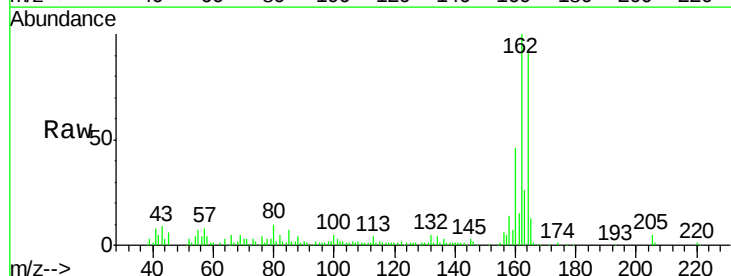
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BG032691.D
 Acq: 14 Feb 2018 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.3	78.8	118.2
160	49.3	35.4	53.0

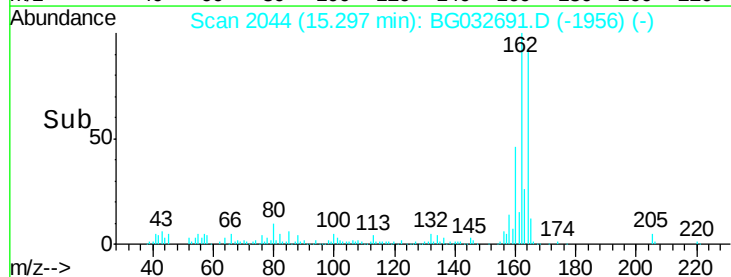
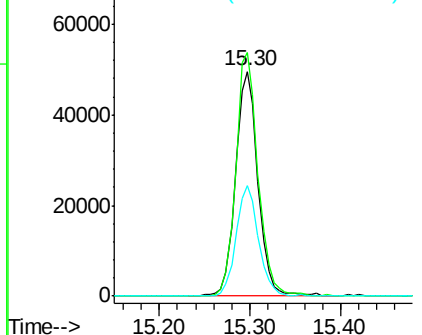


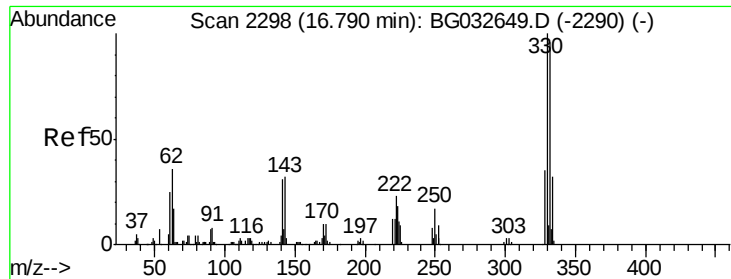
Abundance

Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC





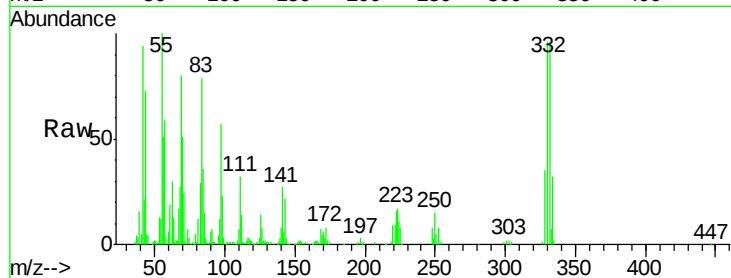
#41
 2,4,6-Tribromophenol
 Concen: 82.245 ng
 RT: 16.78 min Scan# 2296
 Delta R.T. -0.01 min
 Lab File: BG032691.D
 Acq: 14 Feb 2018 21:24

Instrument :
 BNA_G
 ClientSampleId :
 EFF-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	28.8	25.2	37.8	

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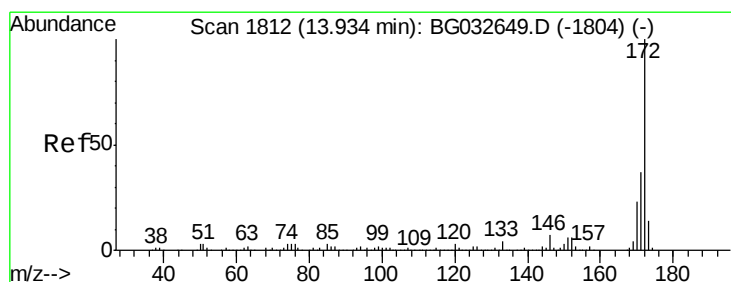
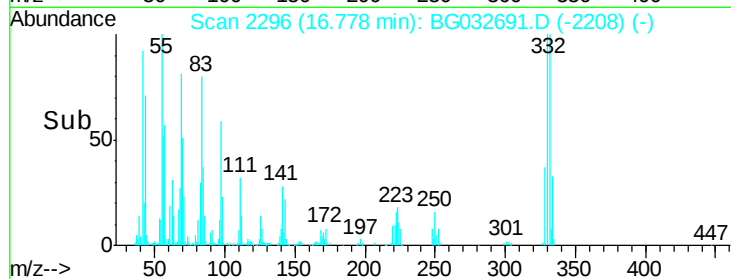
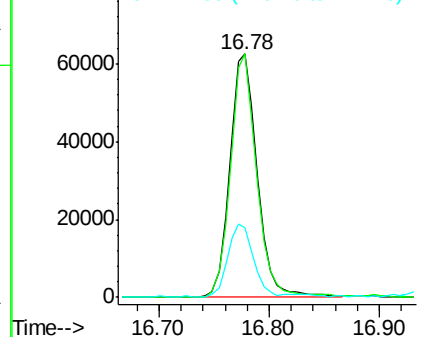


Abundance

Ion 329.80 (329.50 to 330.50): E

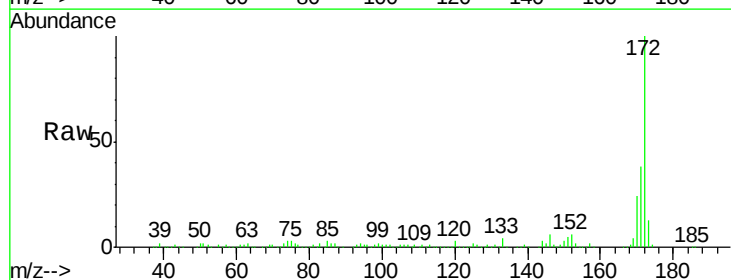
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 65.654 ng
 RT: 13.92 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BG032691.D
 Acq: 14 Feb 2018 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.6	30.0	45.0	
170	24.2	19.5	29.3	

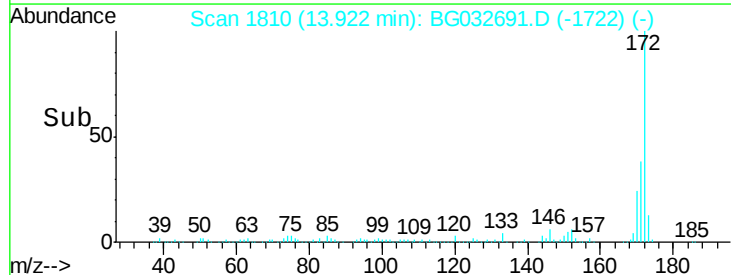
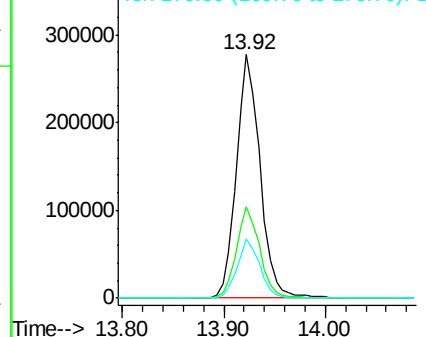


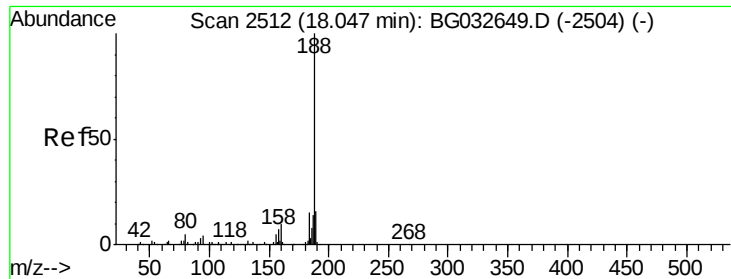
Abundance

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





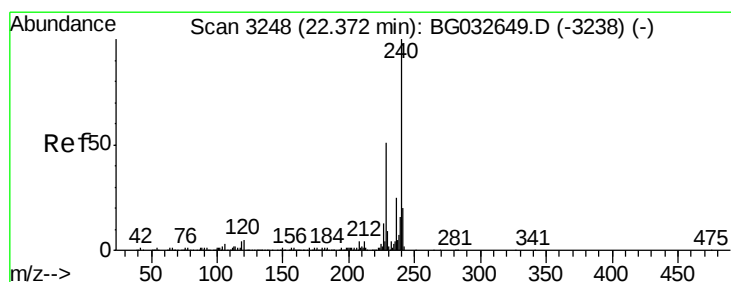
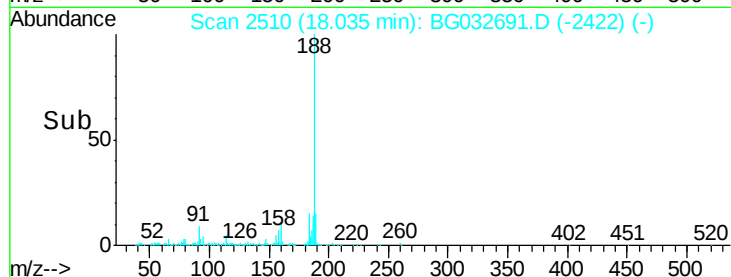
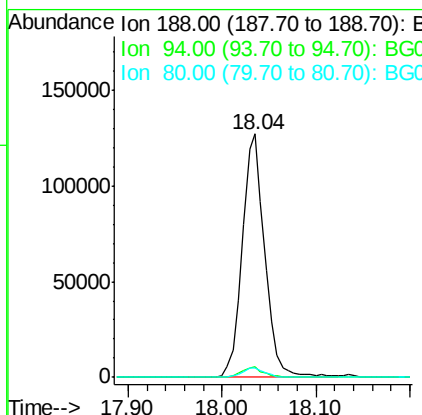
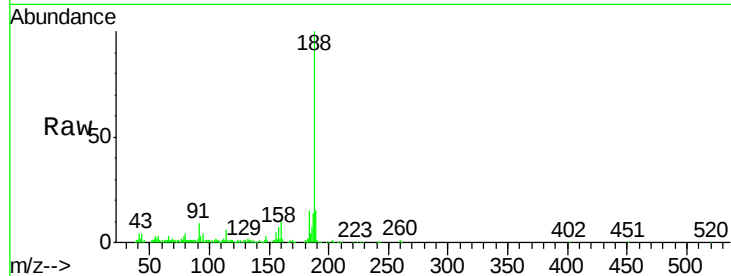
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.04 min Scan# 2510
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Instrument :
BNA_G
ClientSampleId :
EFF-COMP

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	3.6	7.7	11.5#

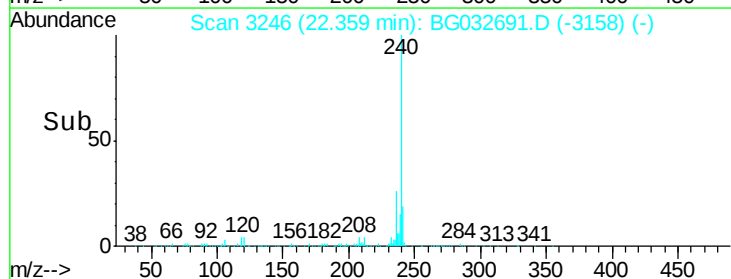
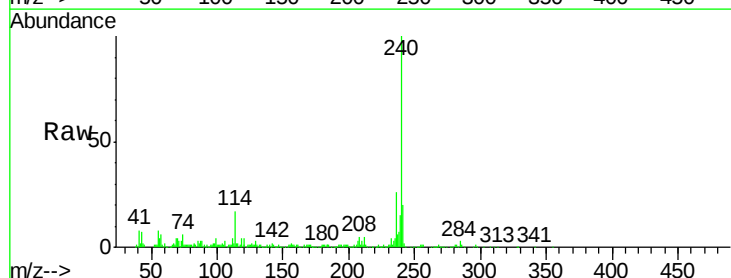
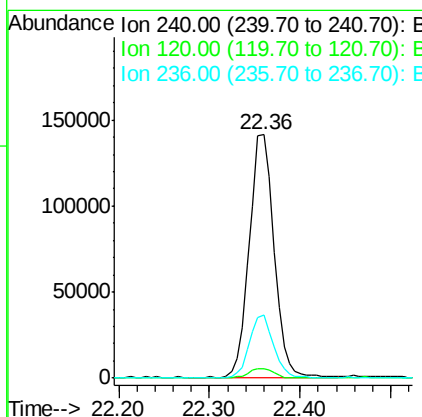
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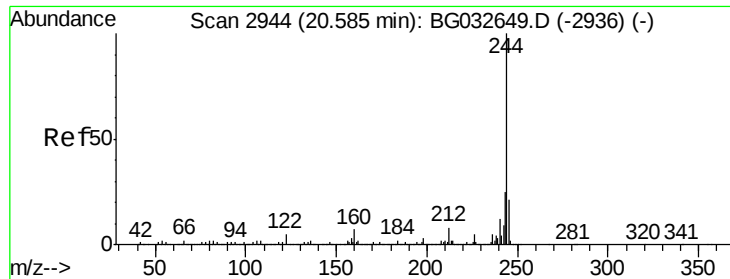
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.36 min Scan# 3246
Delta R.T. -0.01 min
Lab File: BG032691.D
Acq: 14 Feb 2018 21:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	25.9	20.9	31.3





#78

Terphenyl-d14

Concen: 55.312 ng

RT: 20.58 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG032691.D

Acq: 14 Feb 2018 21:24

Instrument :

BNA_G

ClientSampleId :

EFF-COMP

Tot Ion:244 Resp: 649867
Ion Ratio Lower Upper

244 100

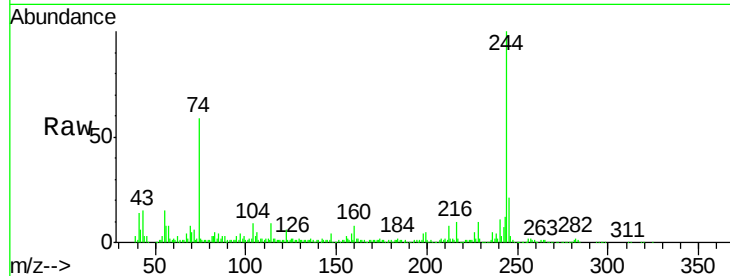
212 7.9 5.8 8.8

122 5.8 7.0 10.4#

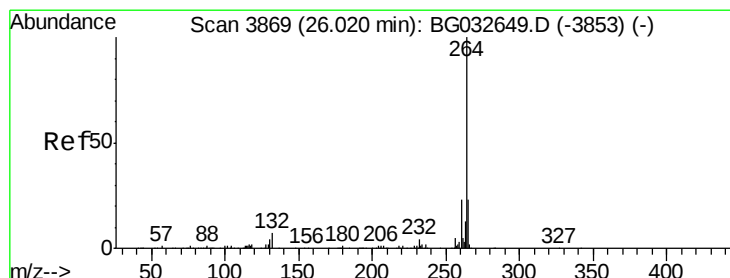
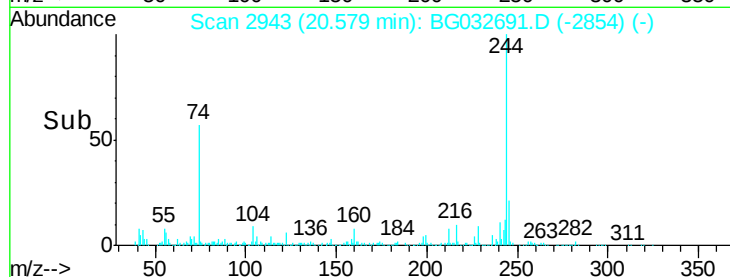
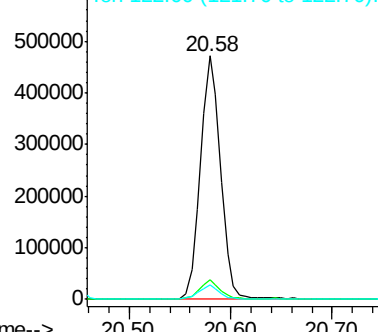
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.00 min Scan# 3866

Delta R.T. -0.02 min

Lab File: BG032691.D

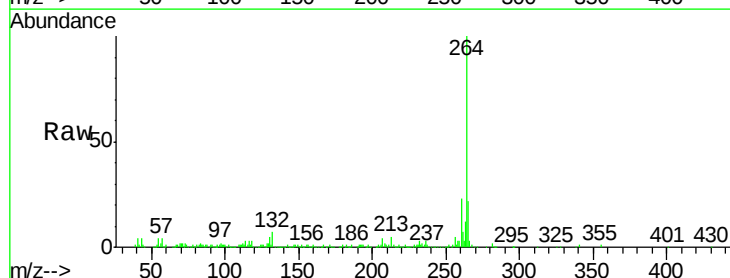
Acq: 14 Feb 2018 21:24

Tgt Ion:264 Resp: 303866
Ion Ratio Lower Upper

264 100

260 23.3 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

