

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033588.D
 Acq On : 5 Apr 2018 10:04
 Operator : SJ/JU
 Sample : PB107976BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107976BL

Manual Integrations
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Quant Time: Apr 05 11:37:28 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	26875	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	136530	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112371	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	314221	20.00	ng	0.00
75) Chrysene-d12	22.55	240	326182	20.00	ng	0.00
86) Perylene-d12	26.31	264	308218m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	274346m	191.42	ng	0.00
7) Phenol-d6	7.97	99	451431	183.31	ng	0.00
23) Nitrobenzene-d5	10.06	82	272754	91.79	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	225051	133.91	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	736762	94.65	ng	0.00
78) Terphenyl-d14	20.73	244	1486036	97.43	ng	0.00

Target Compounds Qvalue

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

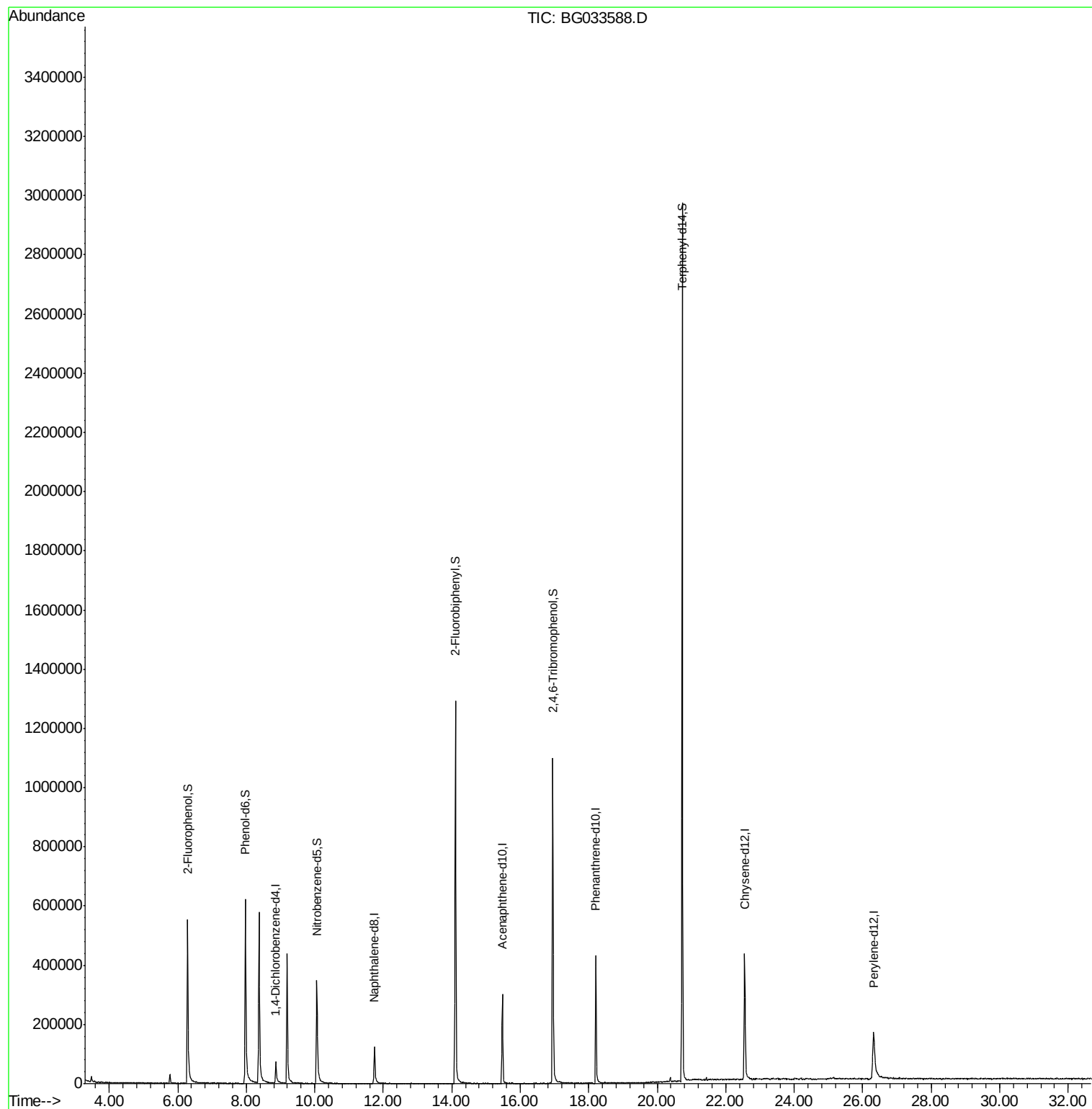
Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033588.D
Acq On : 5 Apr 2018 10:04
Operator : SJ/JU
Sample : PB107976BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

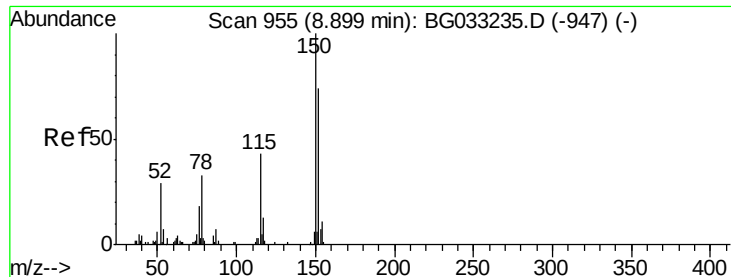
Instrument :
BNA_G
ClientSampleId :
PB107976BL

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#1

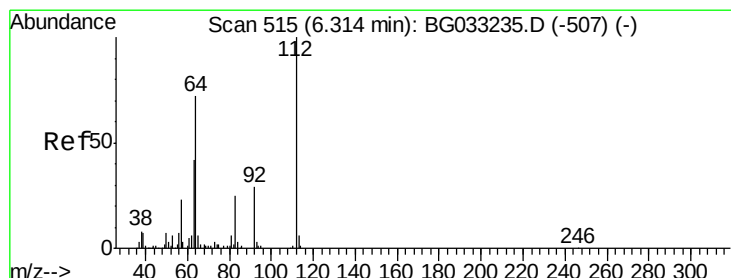
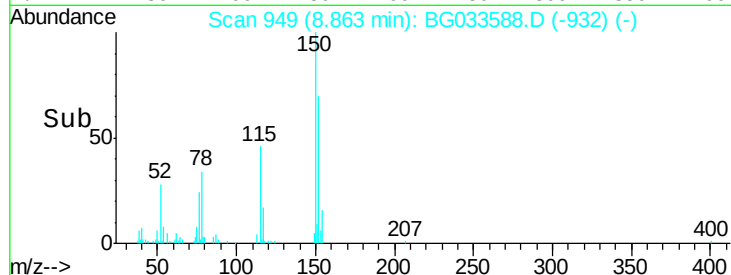
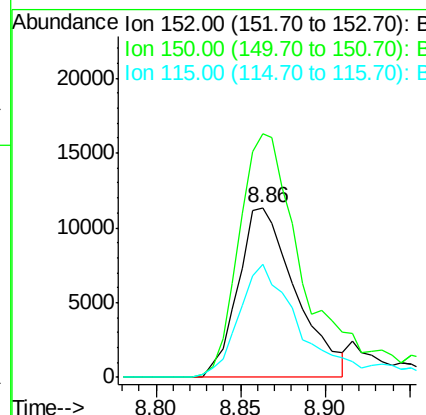
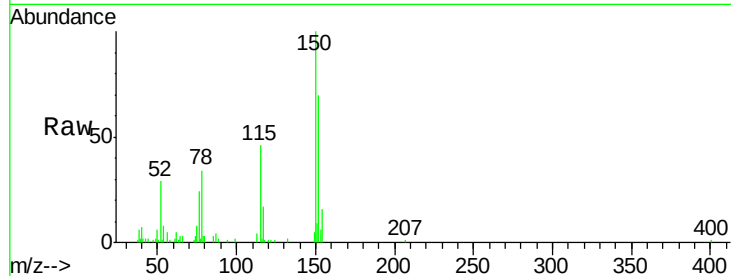
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Instrument :
BNA_G
ClientSampleId :
PB107976BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.7	126.6	189.8
115	66.4	53.0	79.4

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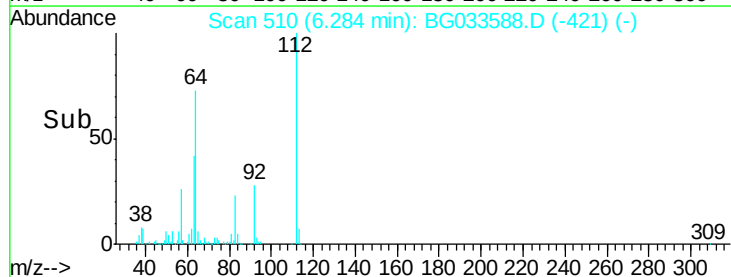
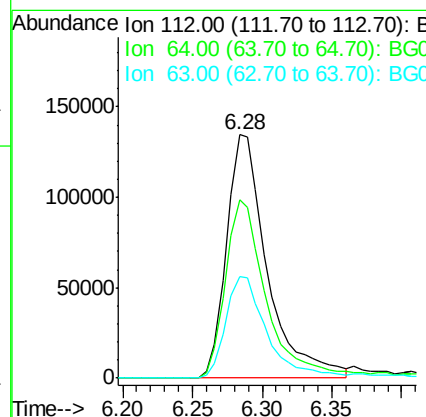
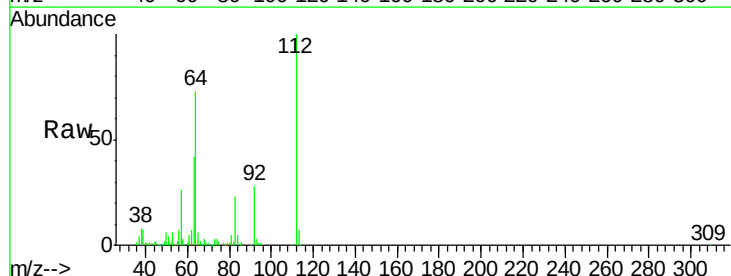
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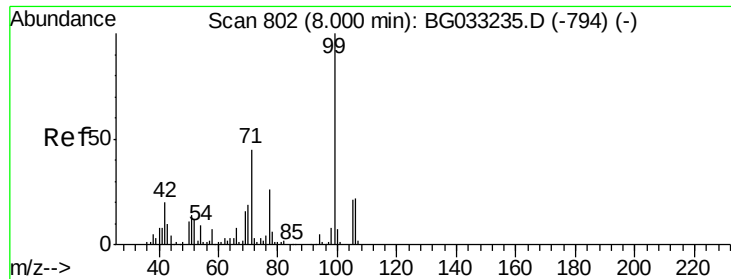


#5

2-Fluorophenol
Concen: 191.416 ng m
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	56.3	84.5
63	41.6	30.1	45.1





#7

Phenol-d6

Concen: 183.315 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG033588.D

Acq: 5 Apr 2018 10:04

Instrument :

BNA_G

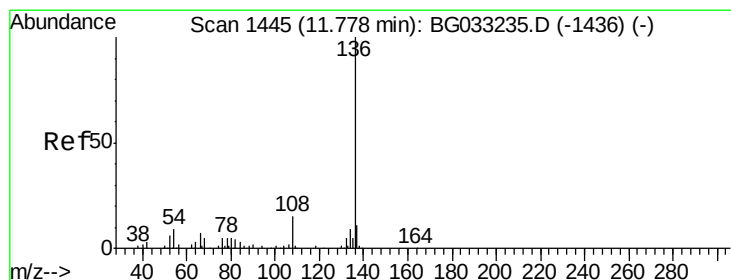
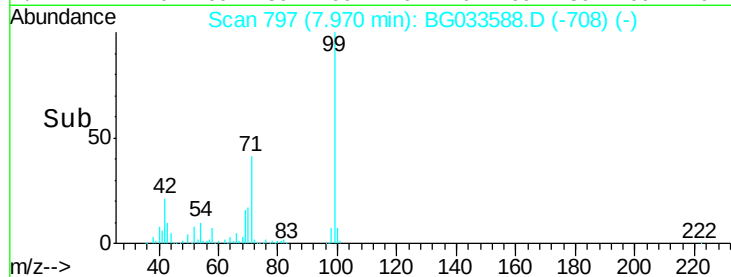
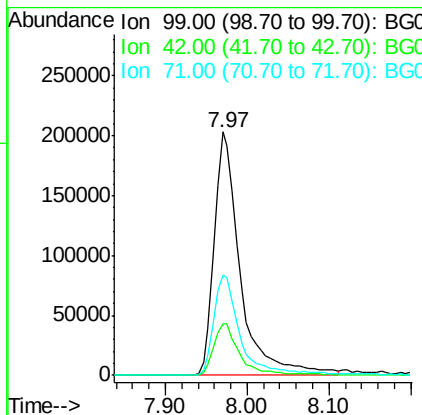
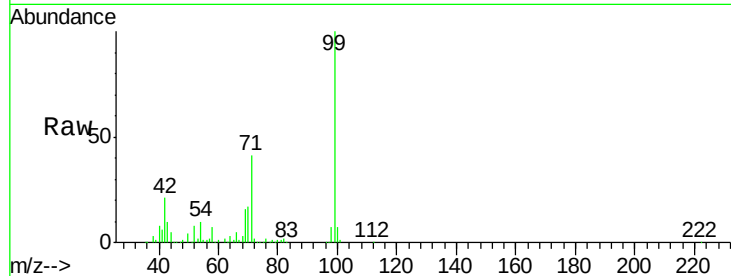
ClientSampled :

PB107976BL

Tot Ion:	99	Resp:	451431
Ion Ratio	Lower	Upper	
99	100		
42	21.2	14.1	21.1#
71	41.1	26.1	39.1#

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#21

Naphthalene-d8

Concen: 20.000 ng

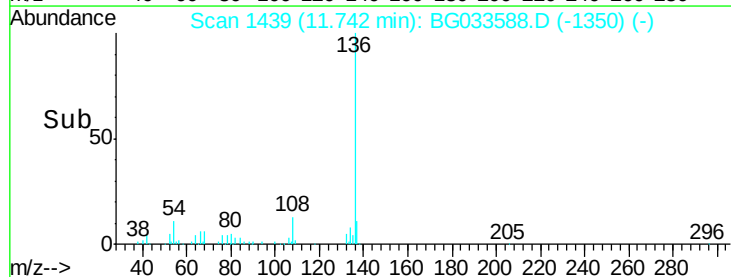
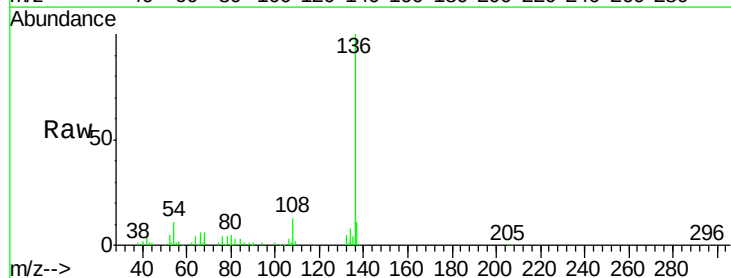
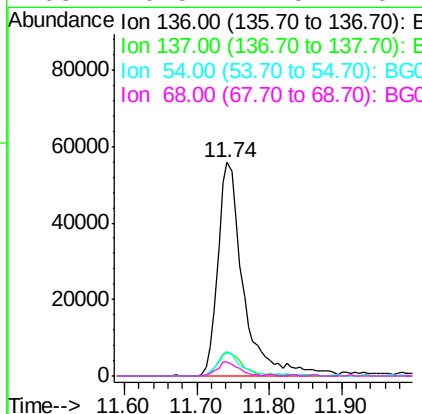
RT: 11.74 min Scan# 1439

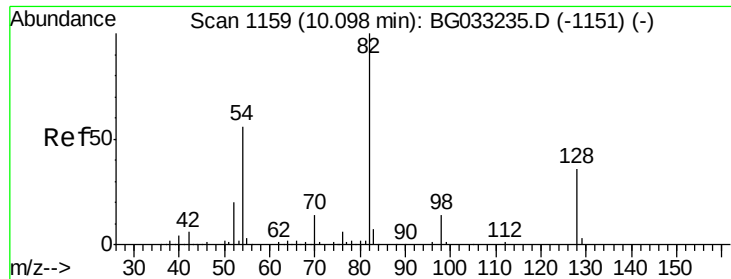
Delta R.T. -0.01 min

Lab File: BG033588.D

Acq: 5 Apr 2018 10:04

Tgt Ion:	136	Resp:	136530
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.2	13.8
54	10.6	10.3	15.5
68	6.5	4.5	6.7





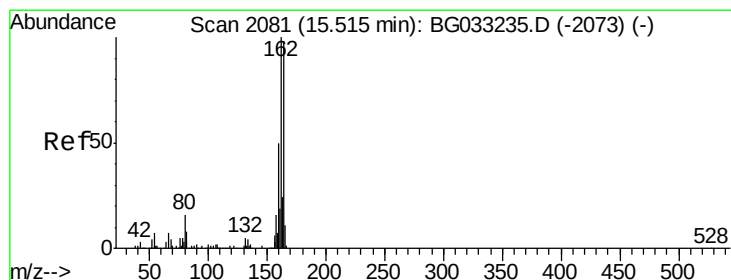
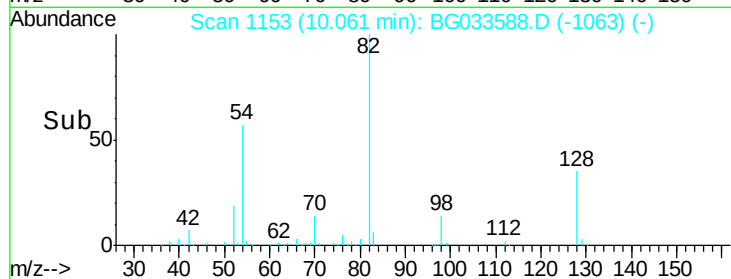
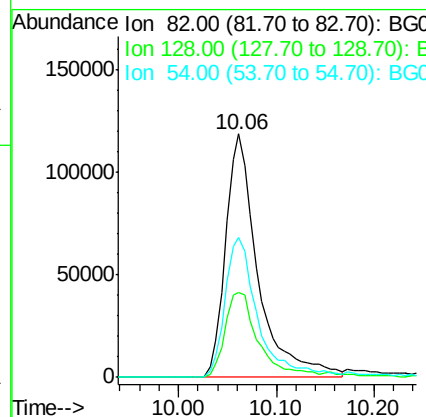
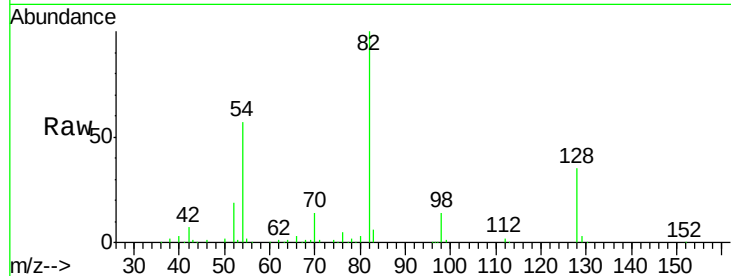
#23
 Nitrobenzene-d5
 Concen: 91.785 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB107976BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	57.5	43.1	64.7

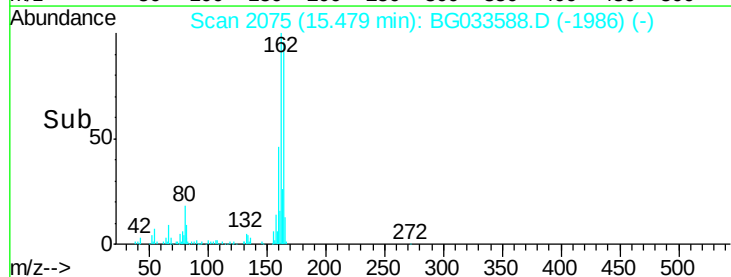
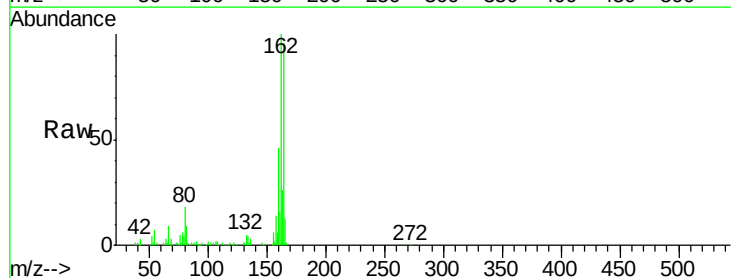
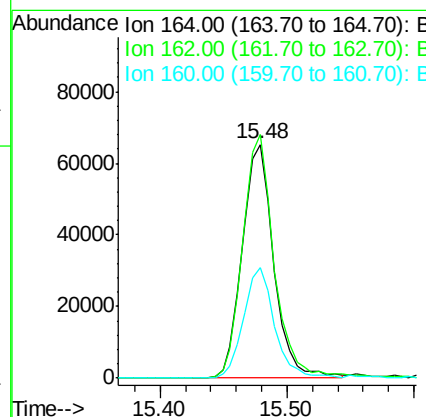
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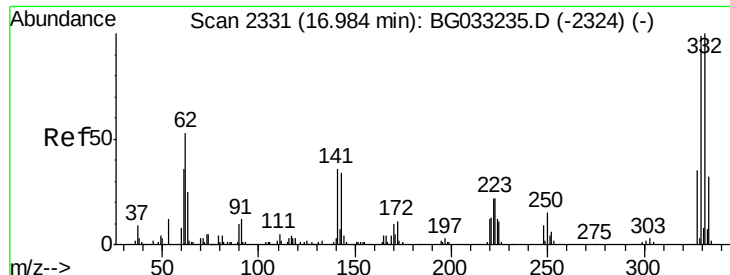
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	47.5	35.4	53.0





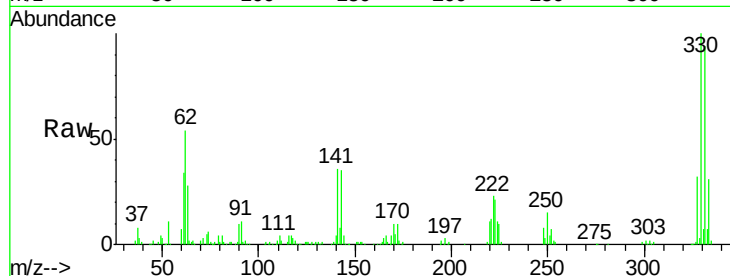
#41
 2,4,6-Tribromophenol
 Concen: 133.908 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Instrument :
 BNA_G
 ClientSampleId :
 PB107976BL

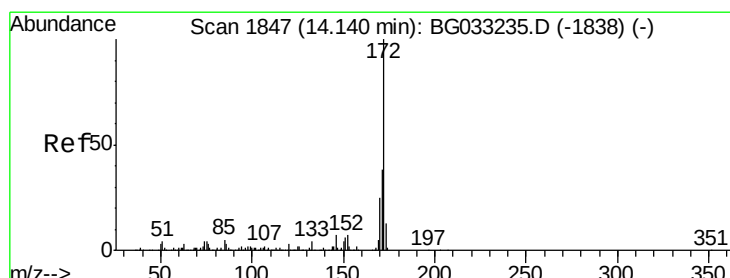
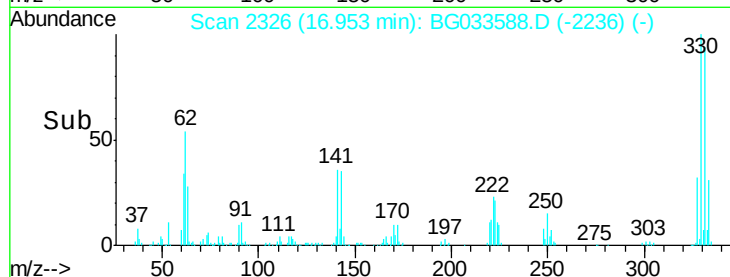
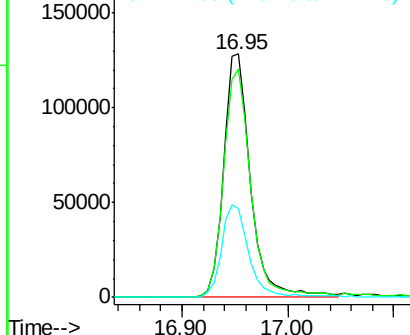
Tot Ion	Ratio	Resp	Lower	Upper
330	100	225051		
332	95.6	77.0	115.6	
141	39.1	25.2	37.8	

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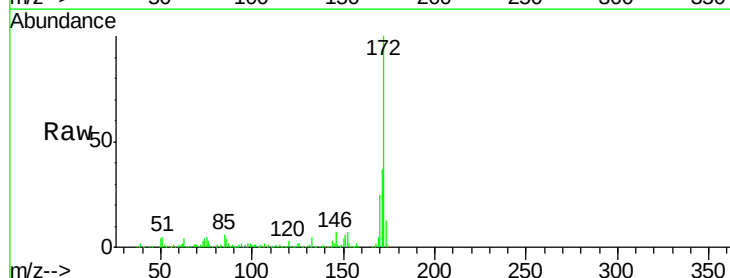


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

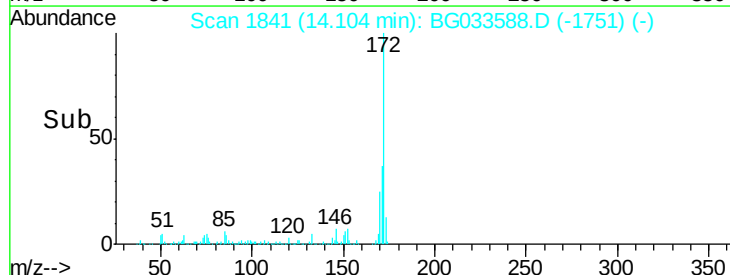
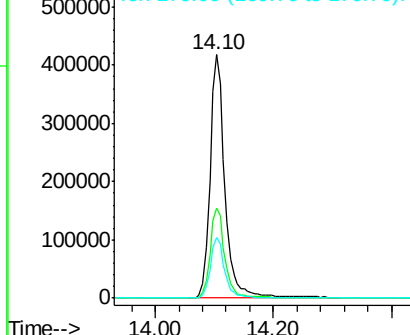


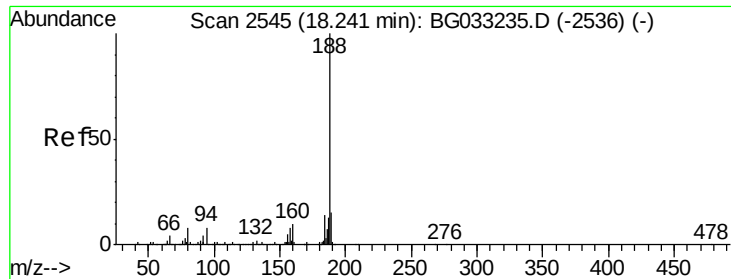
#44
 2-Fluorobiphenyl
 Concen: 94.652 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	736762		
171	37.0	30.0	45.0	
170	25.1	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





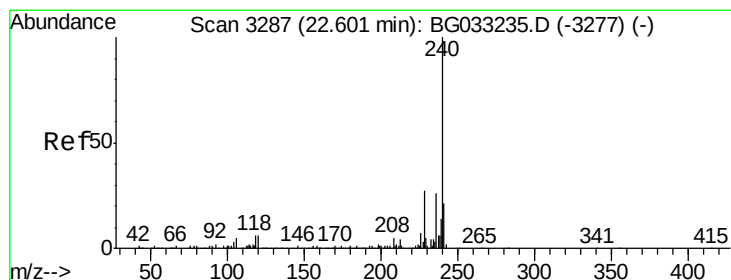
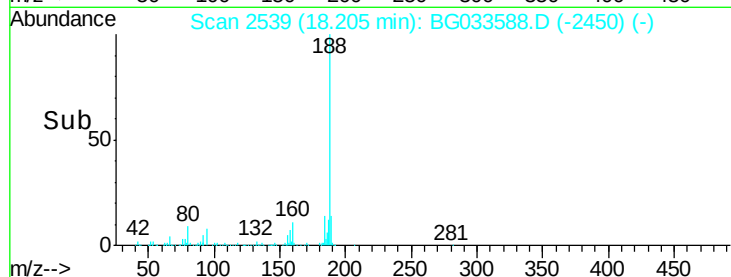
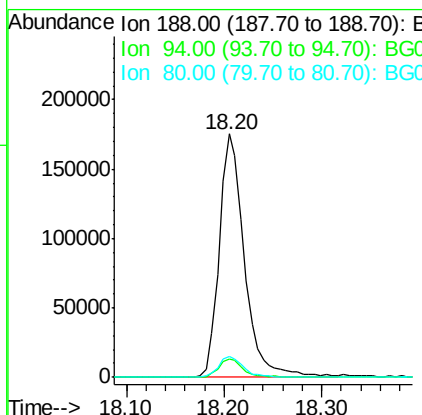
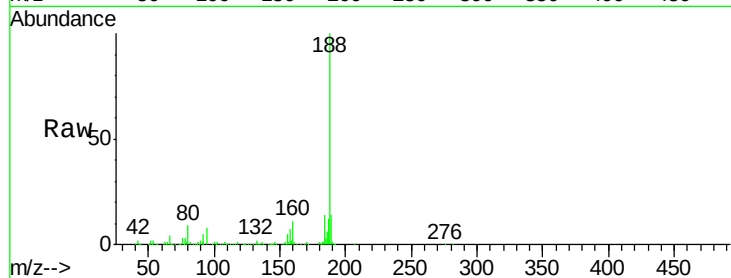
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Instrument :
BNA_G
ClientSampleId :
PB107976BL

Tot Ion	Ratio	Resp	Lower	Upper
188	100	314221		
94	7.5		6.9	10.3
80	8.5		7.7	11.5

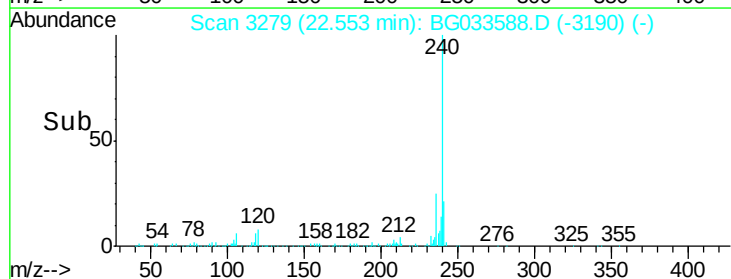
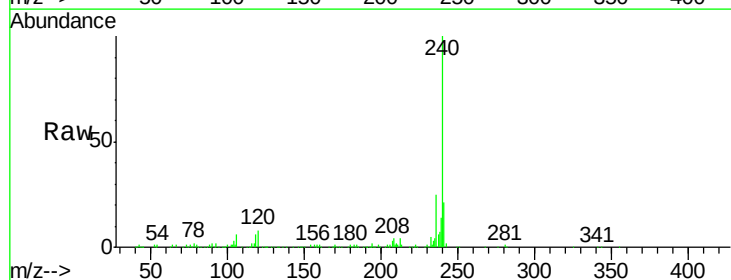
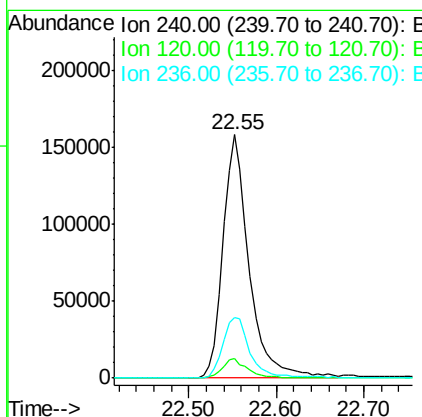
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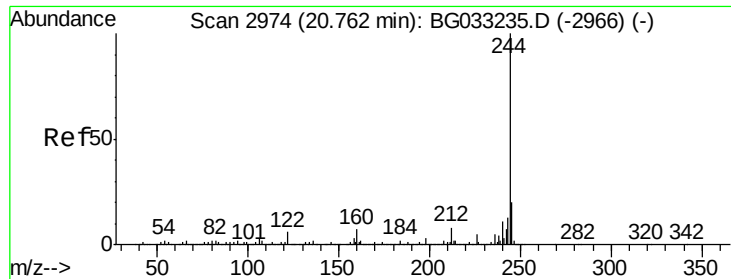
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033588.D
Acq: 5 Apr 2018 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	326182		
120	7.9		6.8	10.2
236	24.8		20.9	31.3





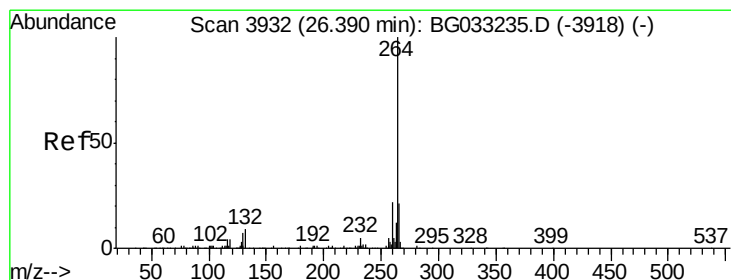
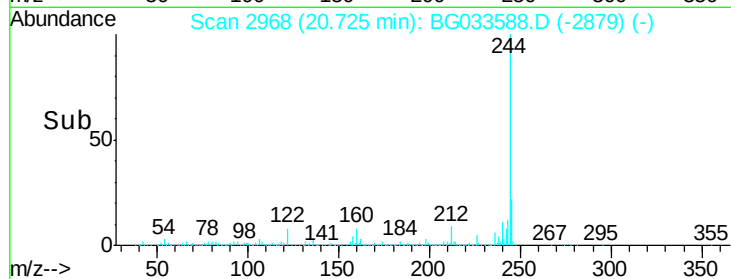
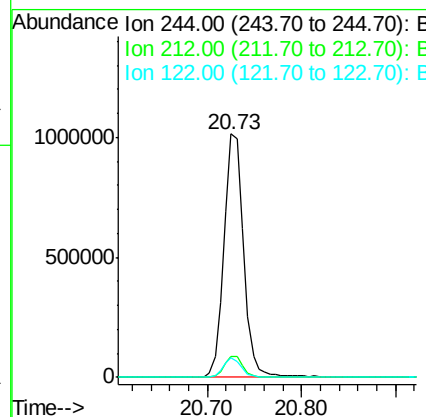
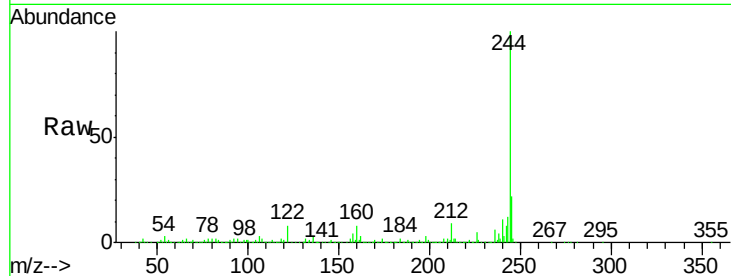
#78
 Terphenyl-d14
 Concen: 97.432 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. -0.01 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Instrument :
 BNA_G
 ClientSampleID :
 PB107976BL

Tot Ion:244 Resp: 1486036
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.8
 122 8.0 7.0 10.4

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#86
 Perylene-d12
 Concen: 20.000 ng m
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033588.D
 Acq: 5 Apr 2018 10:04

Tgt Ion:264 Resp: 308218
 Ion Ratio Lower Upper
 264 100
 260 21.1 17.4 26.0
 265 19.8 17.7 26.5

