

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032333.D
 Acq On : 26 Jan 2018 18:07
 Operator : SJ/JU
 Sample : PB105792BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BL

Quant Time: Jan 26 23:45:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40009	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	140058	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	95877	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	257575	20.00	ng	0.00
75) Chrysene-d12	22.41	240	368633	20.00	ng	-0.01
86) Perylene-d12	26.09	264	384675	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	252587	115.47	ng	0.00
7) Phenol-d6	7.84	99	300414	109.04	ng	0.00
23) Nitrobenzene-d5	9.92	82	189323	91.45	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	214039	134.91	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	640402	82.82	ng	0.00
78) Terphenyl-d14	20.63	244	1413024	84.64	ng	0.00

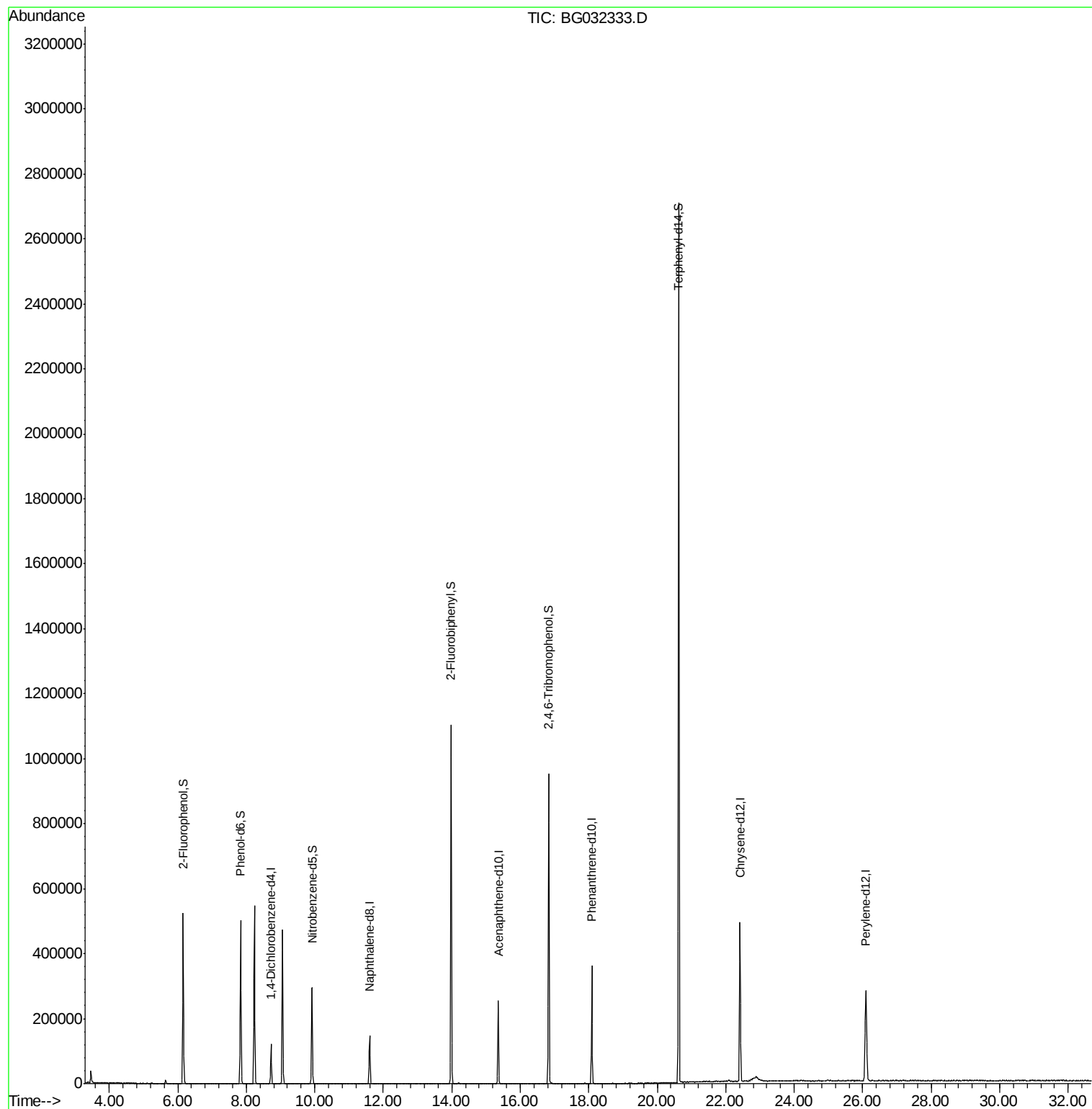
Target Compounds Qvalue

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

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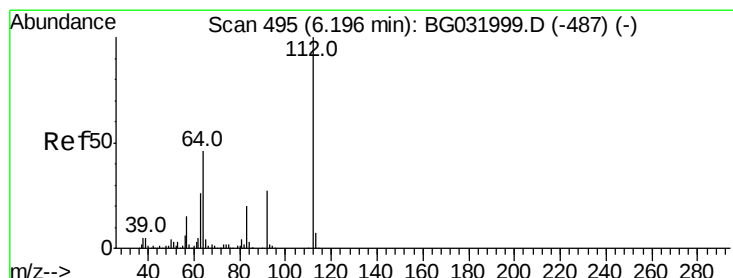
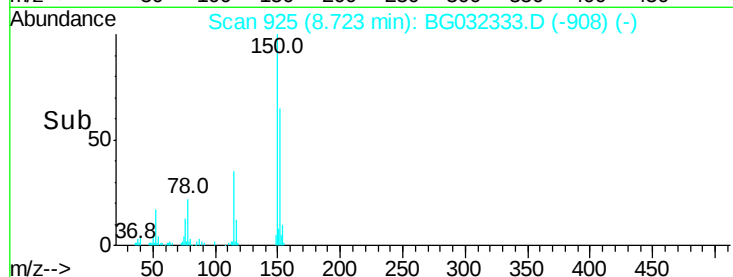
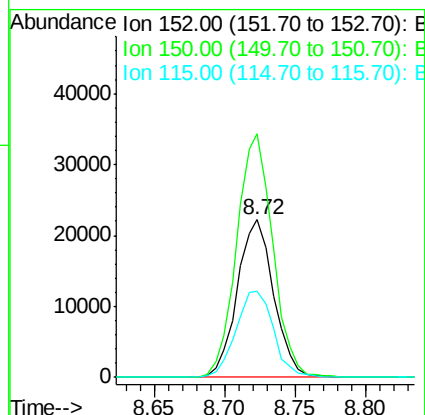
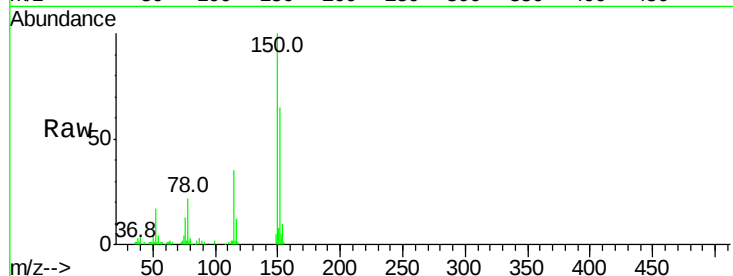


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Instrument :
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ClientSampleId :
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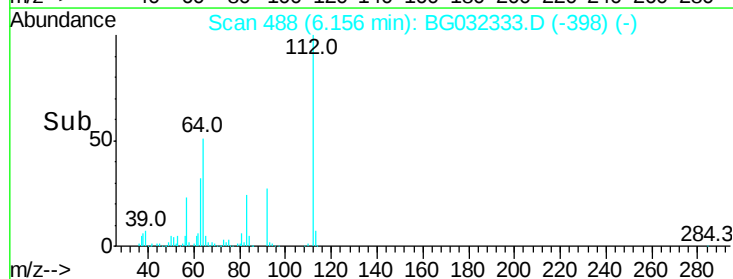
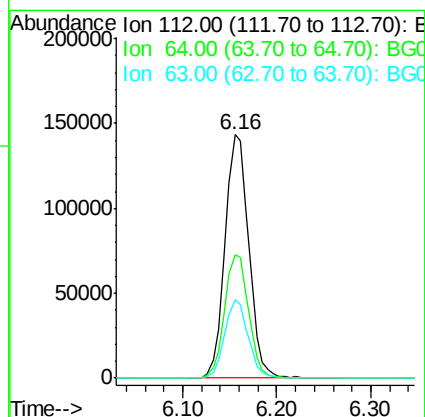
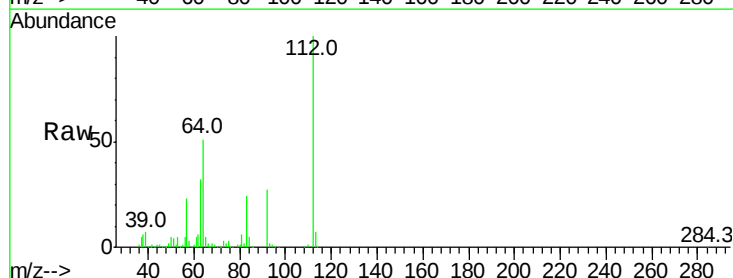
Tot Ion:152 Resp: 40009
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 54.7 53.0 79.4

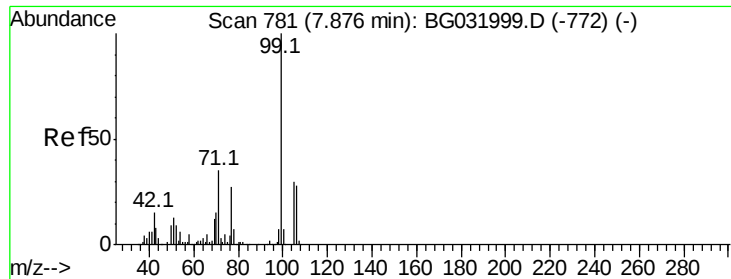


#5

2-Fluorophenol
Concen: 115.465 ng
RT: 6.16 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Tgt Ion:112 Resp: 252587
Ion Ratio Lower Upper
112 100
64 50.6 56.3 84.5#
63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 109.039 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032333.D

Acq: 26 Jan 2018 18:07

Instrument :

BNA_G

ClientSampleId :

PB105792BL

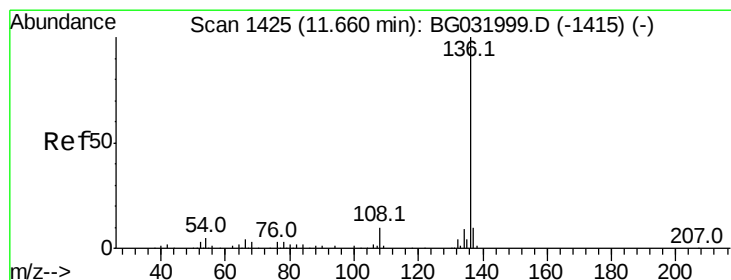
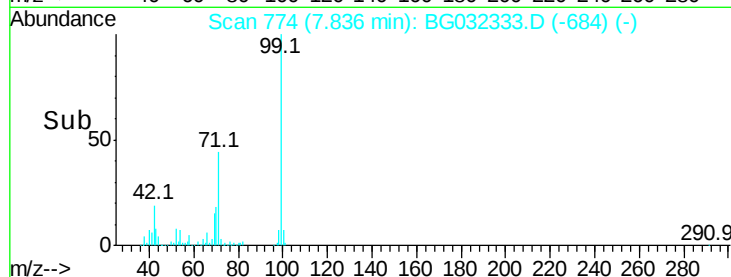
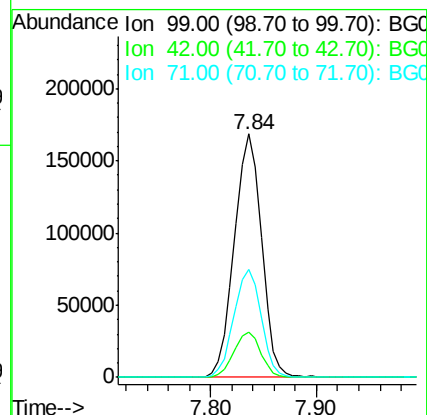
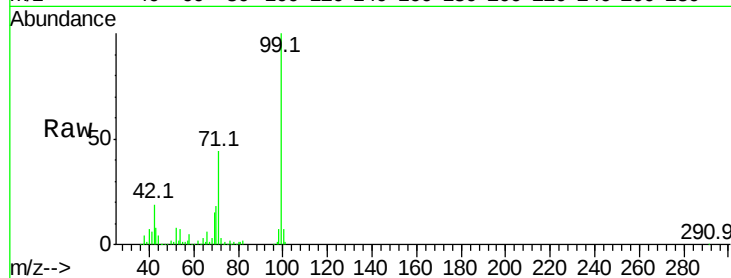
Tot Ion: 99 Resp: 300414

Ion Ratio Lower Upper

99 100

42 18.5 14.1 21.1

71 44.3 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032333.D

Acq: 26 Jan 2018 18:07

Tgt Ion: 136 Resp: 140058

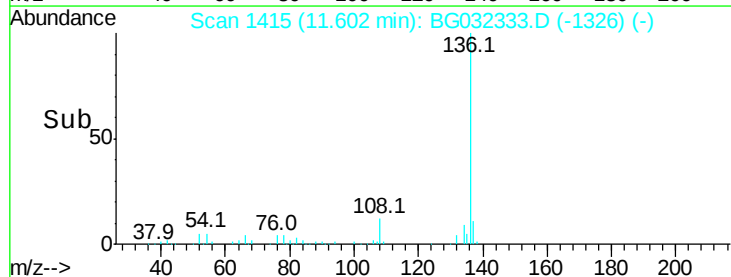
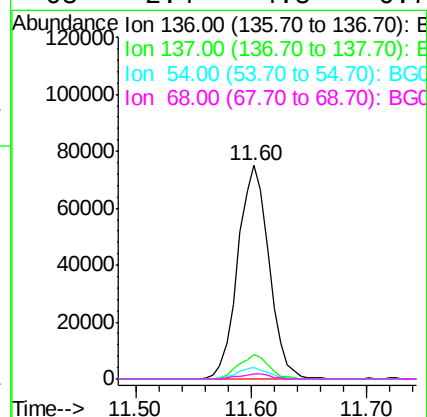
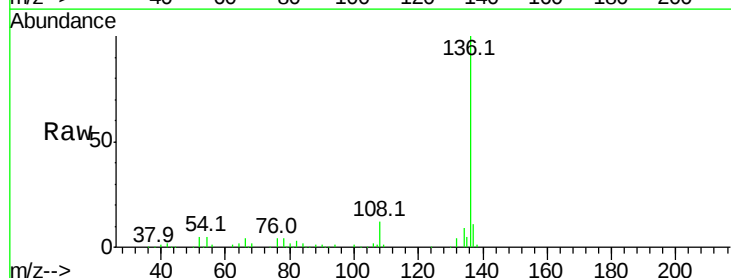
Ion Ratio Lower Upper

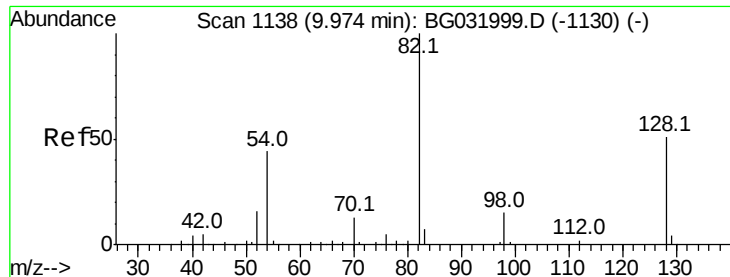
136 100

137 11.5 9.2 13.8

54 5.1 10.3 15.5#

68 2.4 4.5 6.7#

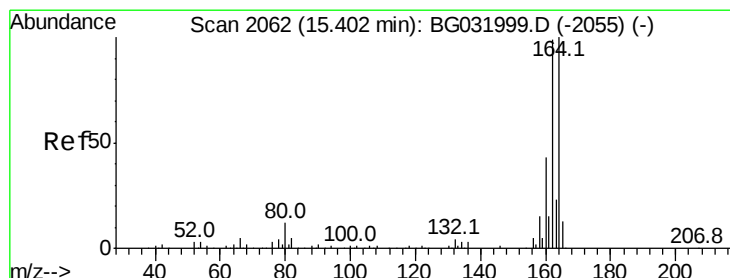
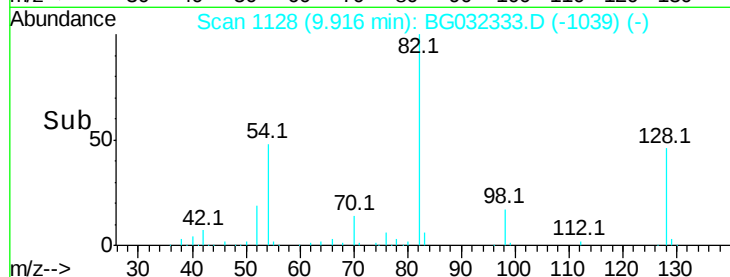
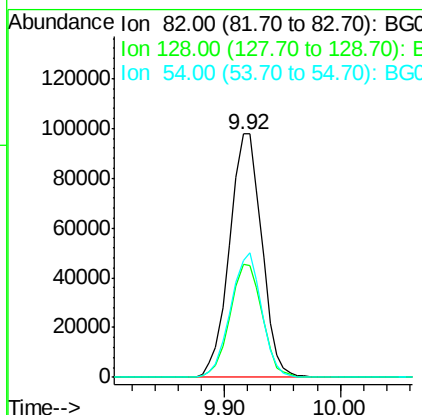
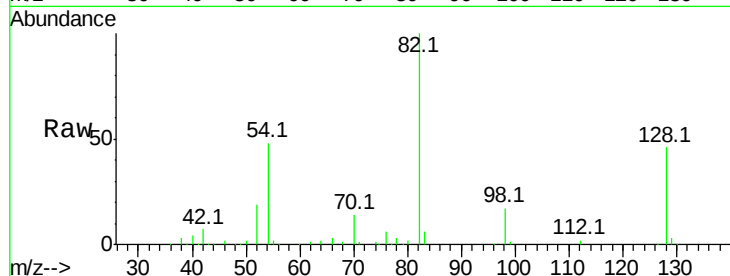




#23
 Nitrobenzene-d5
 Concen: 91.451 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

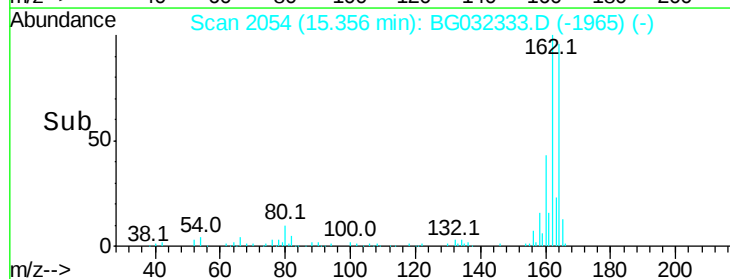
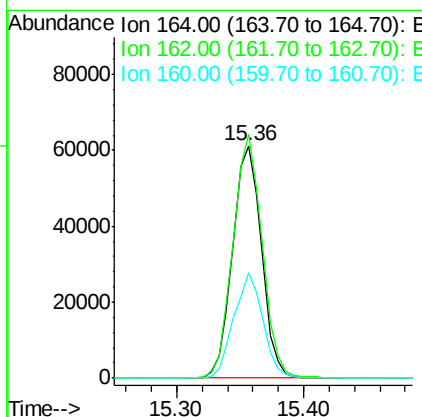
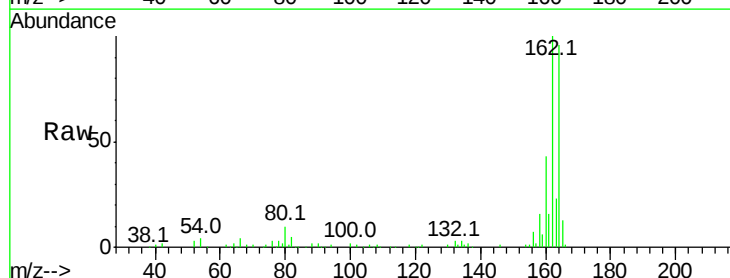
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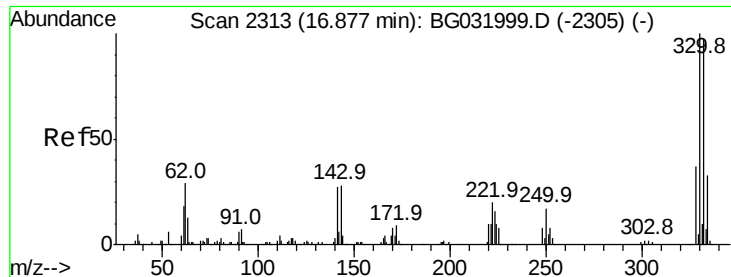
Tot Ion: 82 Resp: 189323
 Ion Ratio Lower Upper
 82 100
 128 46.4 29.7 44.5#
 54 48.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion:164 Resp: 95877
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 45.2 35.4 53.0

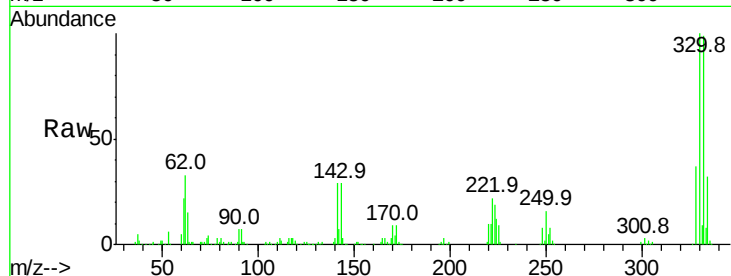




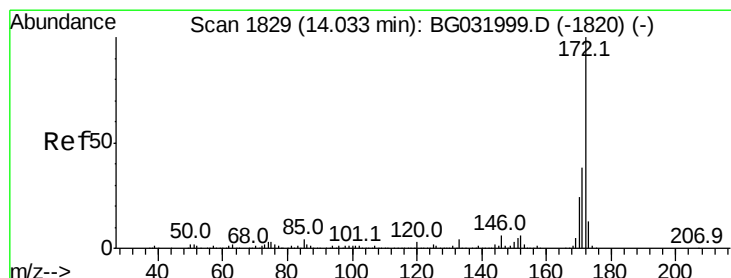
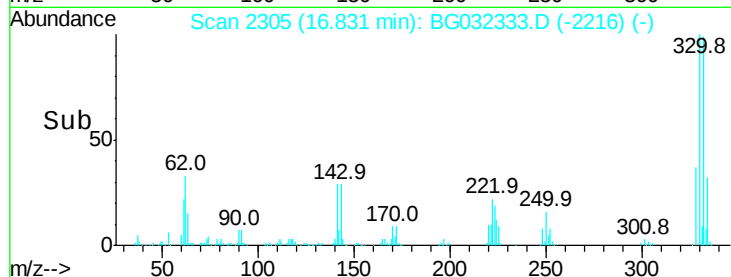
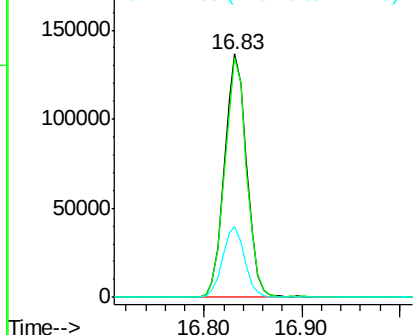
#41
 2,4,6-Tribromophenol
 Concen: 134.909 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.1	25.2	37.8

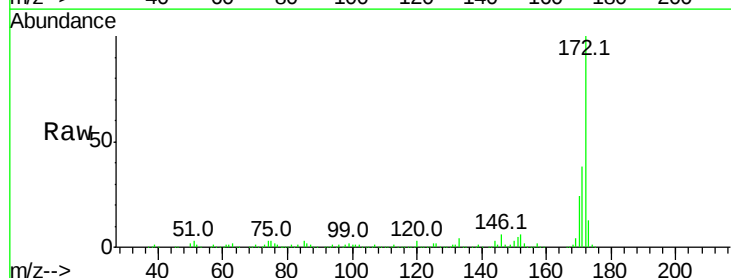


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

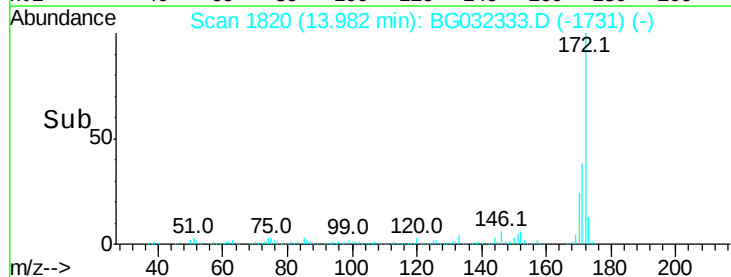
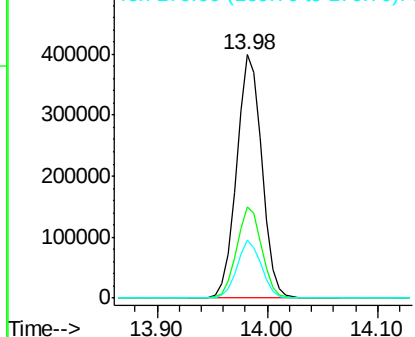


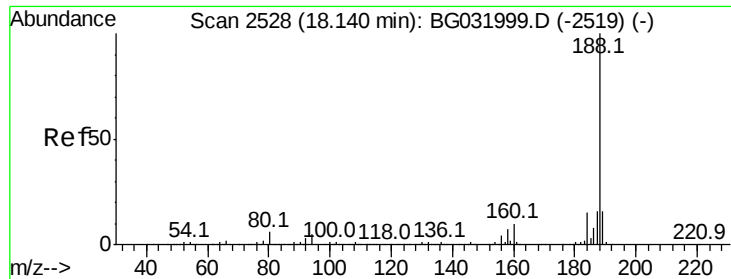
#44
 2-Fluorobiphenyl
 Concen: 82.821 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.9	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

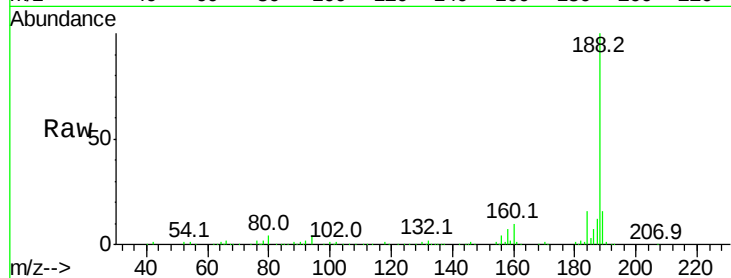




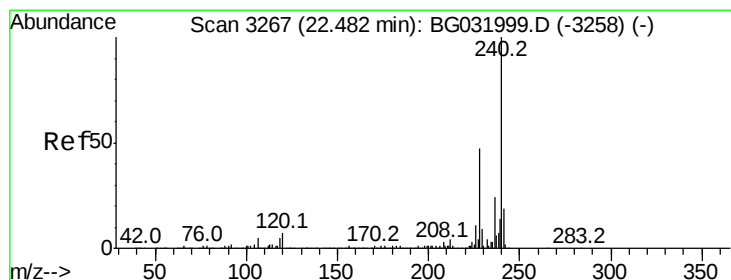
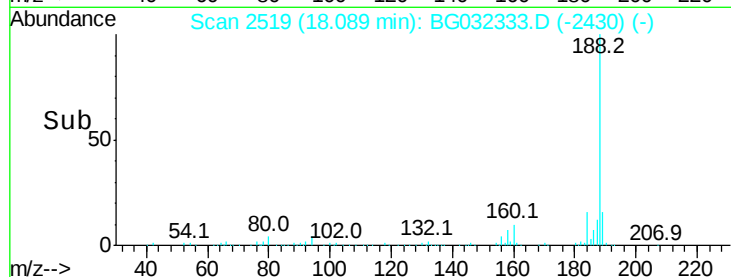
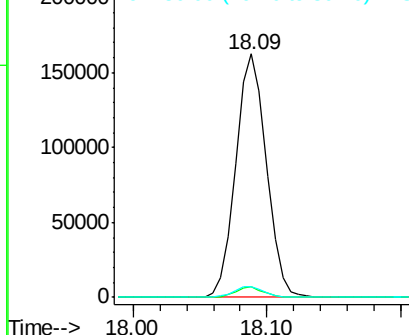
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Instrument :
BNA_G
ClientSampleId :
PB105792BL

Tot Ion:188 Resp: 257575
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.1 7.7 11.5#

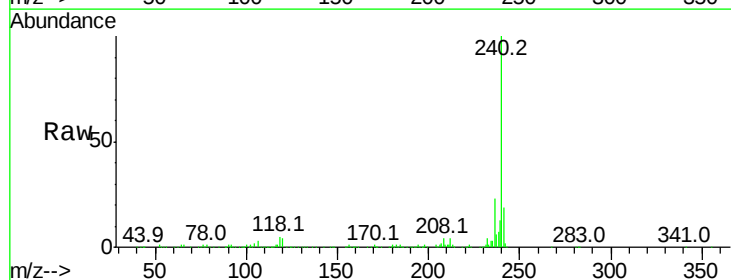


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

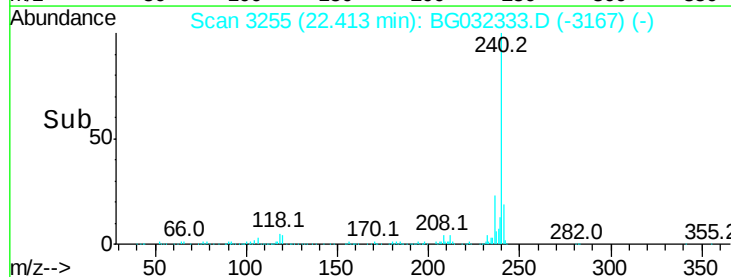
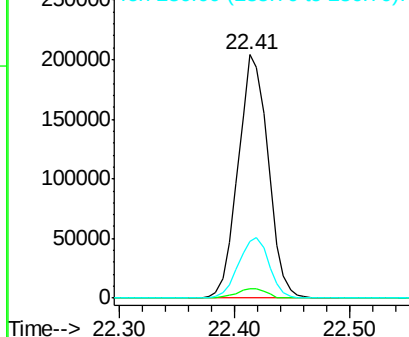


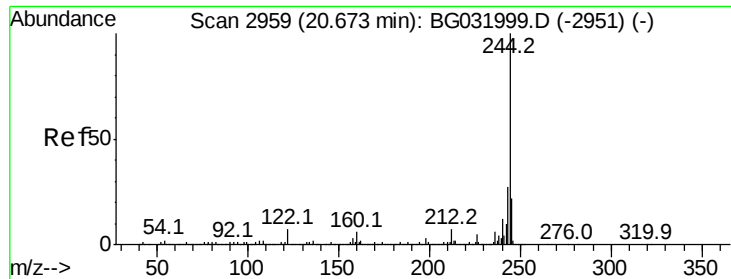
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032333.D
Acq: 26 Jan 2018 18:07

Tgt Ion:240 Resp: 368633
Ion Ratio Lower Upper
240 100
120 4.0 6.8 10.2#
236 23.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



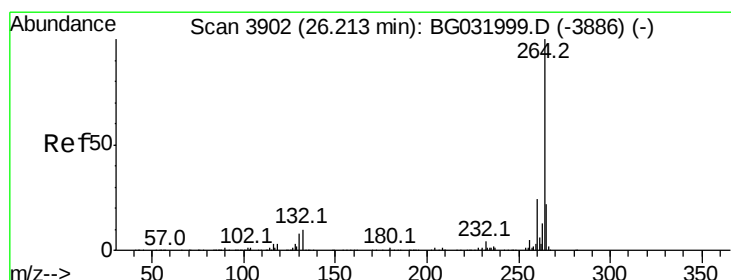
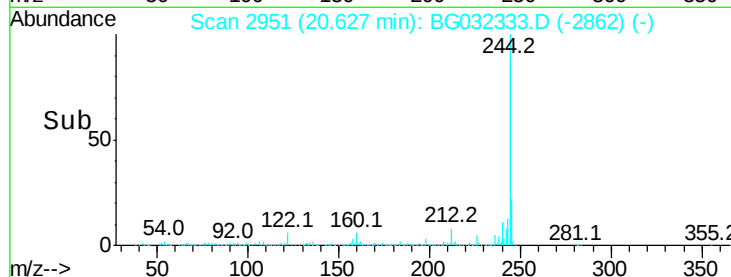
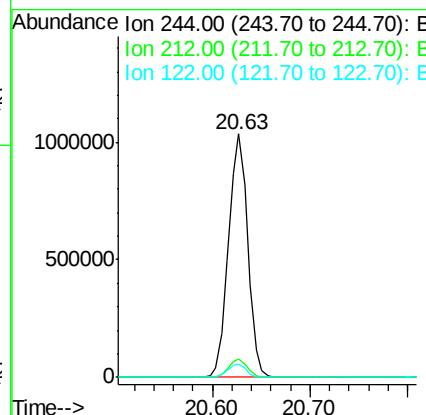
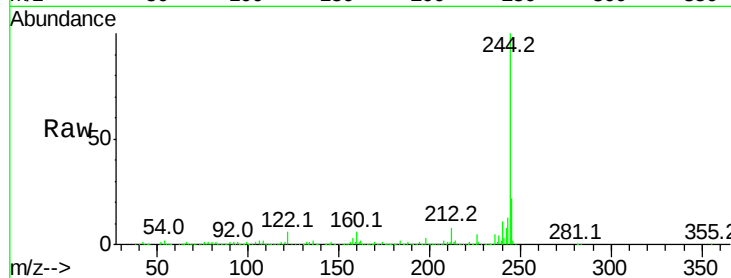


#78
 Terphenyl-d14
 Concen: 84.638 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Instrument :
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 ClientSampleId :
 PB105792BL

Tot Ion:244 Resp: 1413024

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.7	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.09 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: BG032333.D
 Acq: 26 Jan 2018 18:07

Tgt Ion:264 Resp: 384675

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	20.4	17.7	26.5

