

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032372.D
 Acq On : 28 Jan 2018 1:52
 Operator : SJ/JU
 Sample : J1009-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-A

Quant Time: Jan 28 03:40:57 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	35951	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	134784	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	88569	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	236492	20.00	ng	0.00
75) Chrysene-d12	22.42	240	324904	20.00	ng	0.00
86) Perylene-d12	26.10	264	339498	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	248654	126.50	ng	0.00
7) Phenol-d6	7.84	99	276389	111.64	ng	0.00
23) Nitrobenzene-d5	9.92	82	206260	103.53	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	234101	159.73	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	693514	97.09	ng	0.00
78) Terphenyl-d14	20.63	244	1466649	99.67	ng	0.00

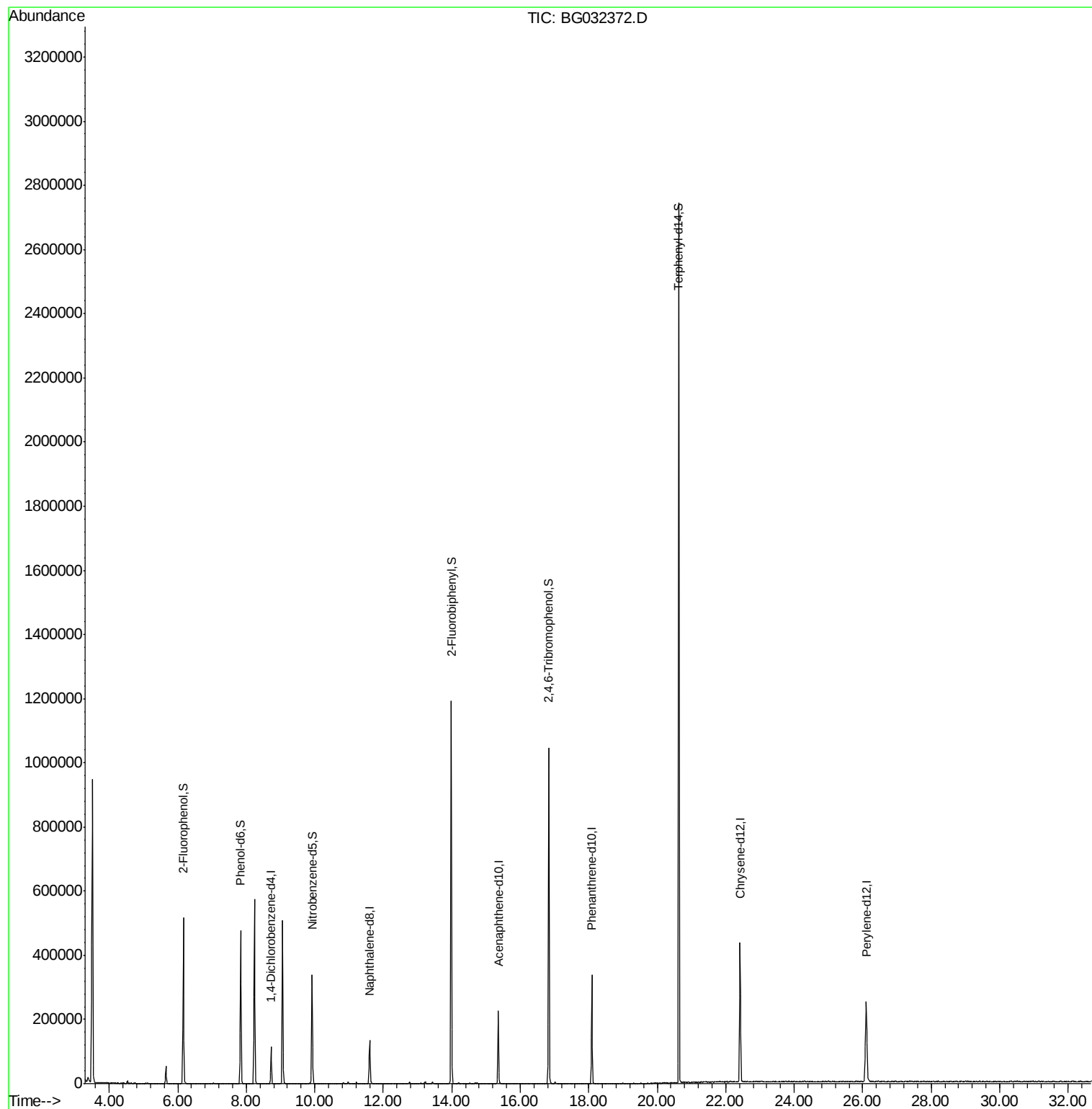
Target Compounds Qvalue

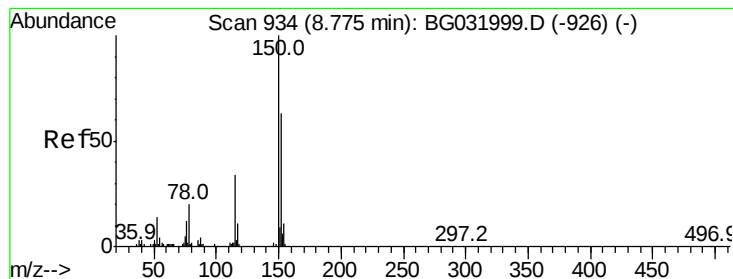
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032372.D

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Instrument :

BNA_G

ClientSampleId :

AU-05-012518-A

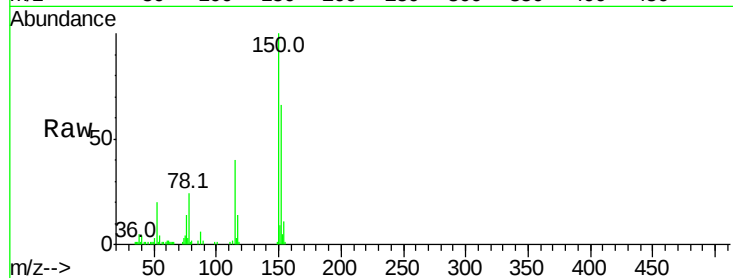
Tot Ion:152 Resp: 35951

Ion Ratio Lower Upper

152 100

150 152.0 126.6 189.8

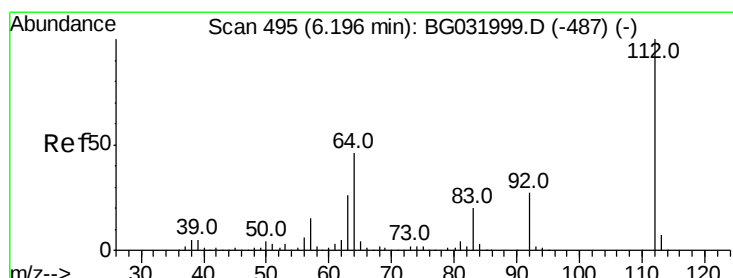
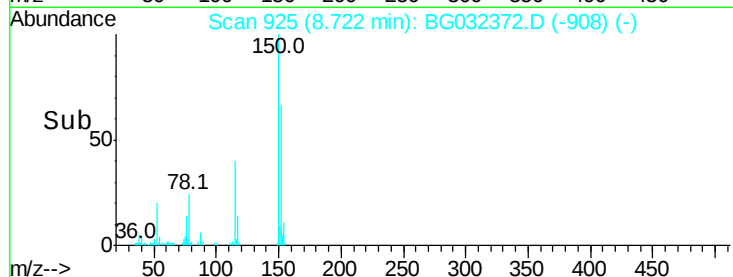
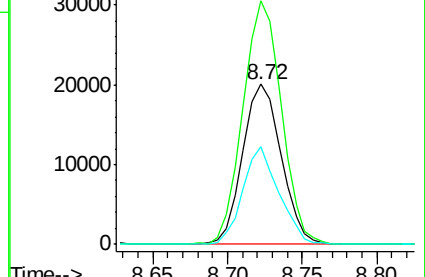
115 61.2 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 126.498 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032372.D

Acq: 28 Jan 2018 1:52

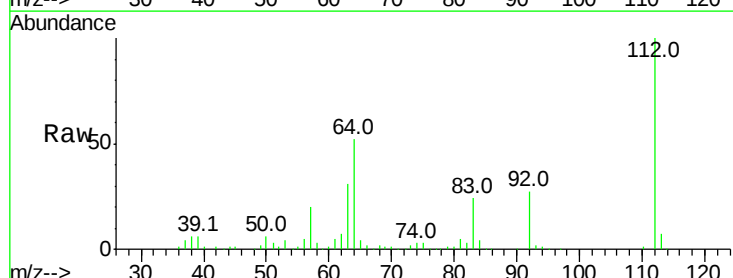
Tgt Ion:112 Resp: 248654

Ion Ratio Lower Upper

112 100

64 51.5 56.3 84.5#

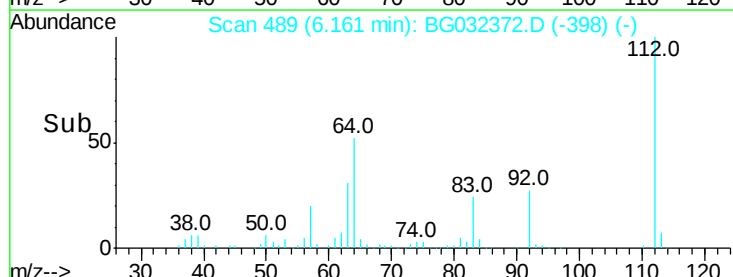
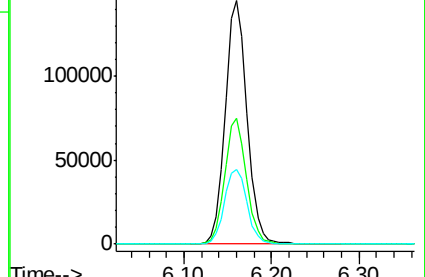
63 30.9 30.1 45.1

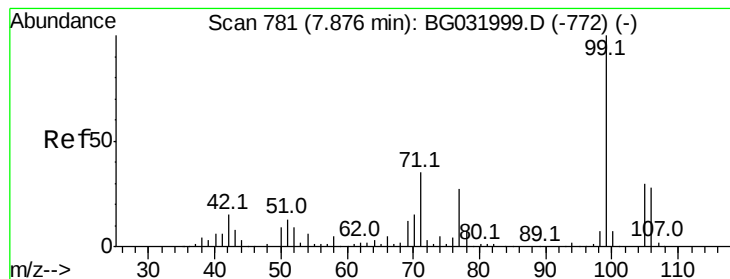


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.643 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032372.D

Acq: 28 Jan 2018 1:52

Instrument :

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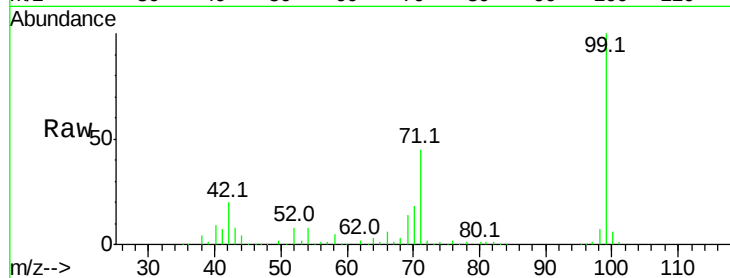
Tot Ion: 99 Resp: 276389

Ion Ratio Lower Upper

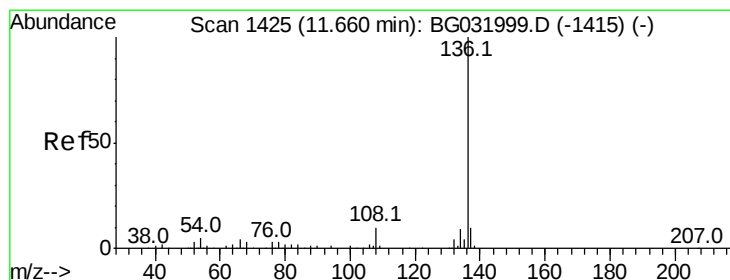
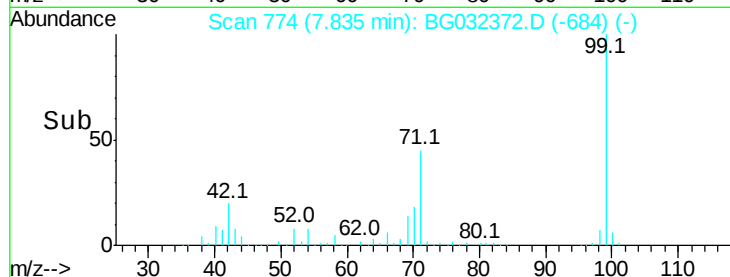
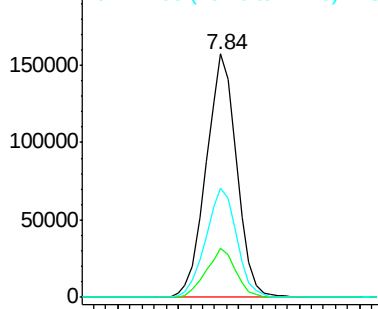
99 100

42 19.9 14.1 21.1

71 45.1 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.60 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BG032372.D

Acq: 28 Jan 2018 1:52

Tgt Ion: 136 Resp: 134784

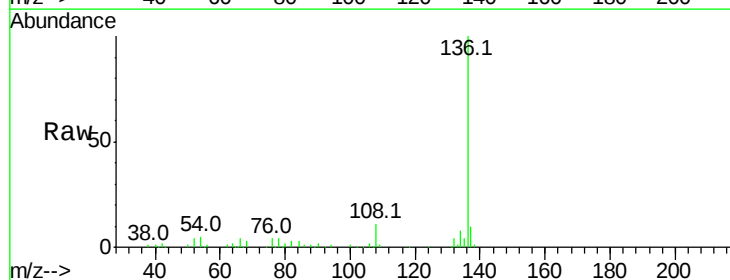
Ion Ratio Lower Upper

136 100

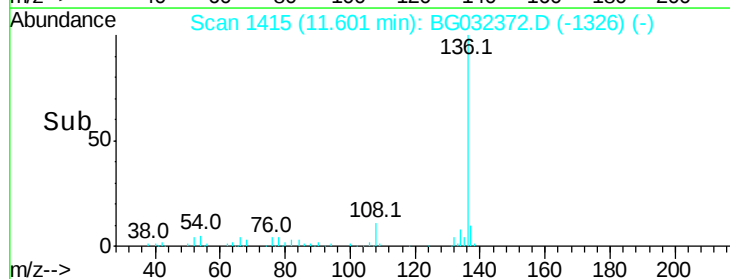
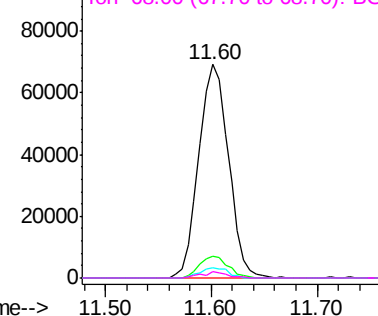
137 10.3 9.2 13.8

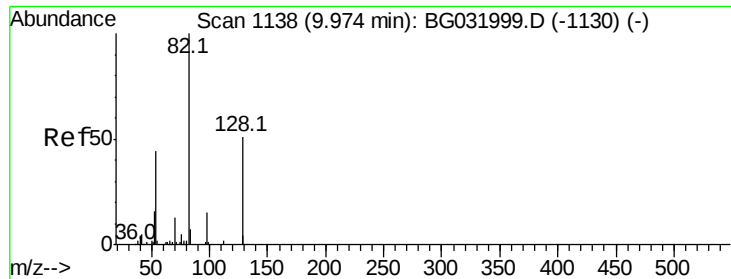
54 4.7 10.3 15.5#

68 3.0 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

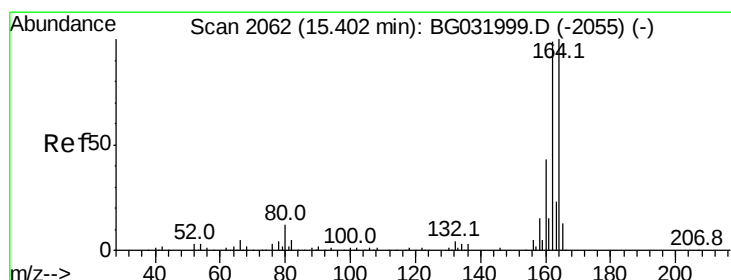
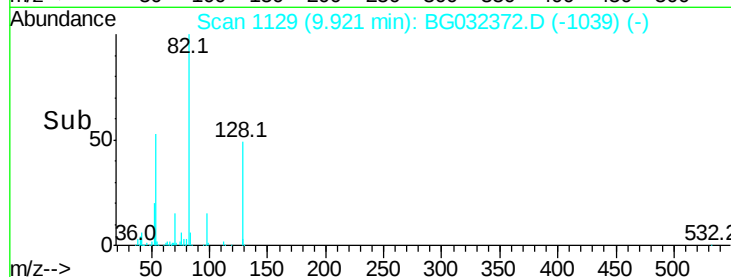
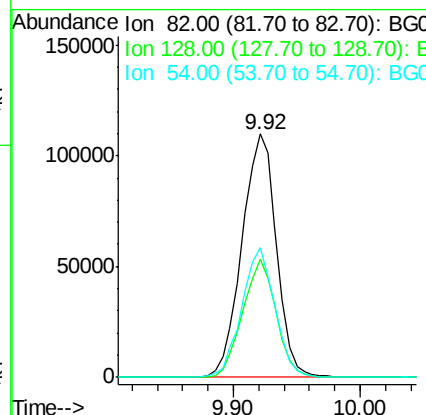
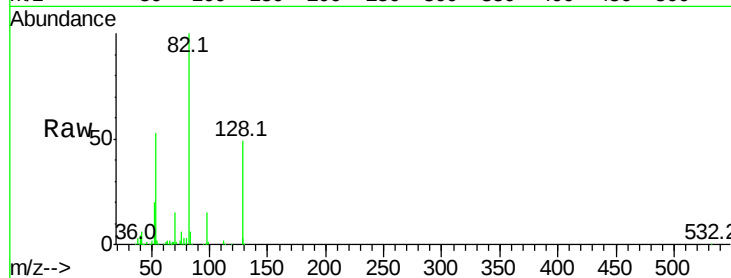




#23
Nitrobenzene-d5
Concen: 103.531 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032372.D
Acq: 28 Jan 2018 1:52

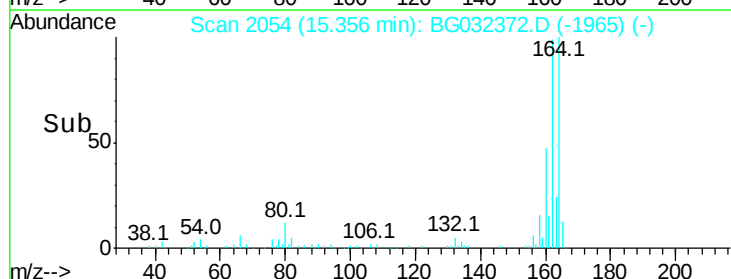
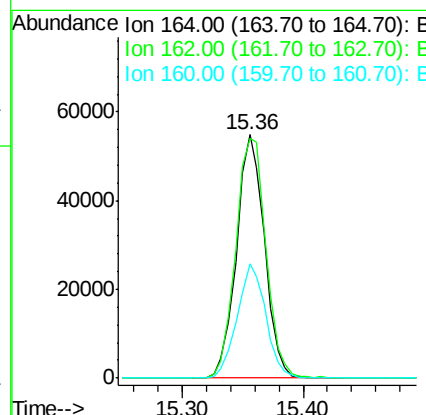
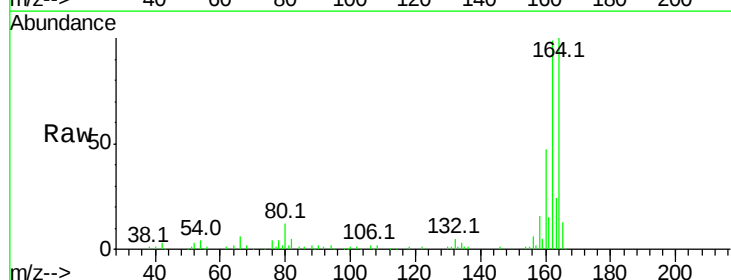
Instrument :
BNA_G
ClientSampleId :
AU-05-012518-A

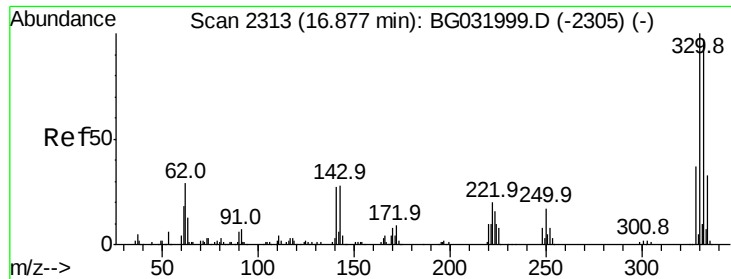
Tot Ion: 82 Resp: 206260
Ion Ratio Lower Upper
82 100
128 48.6 29.7 44.5#
54 53.1 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032372.D
Acq: 28 Jan 2018 1:52

Tgt Ion:164 Resp: 88569
Ion Ratio Lower Upper
164 100
162 98.7 78.8 118.2
160 46.9 35.4 53.0

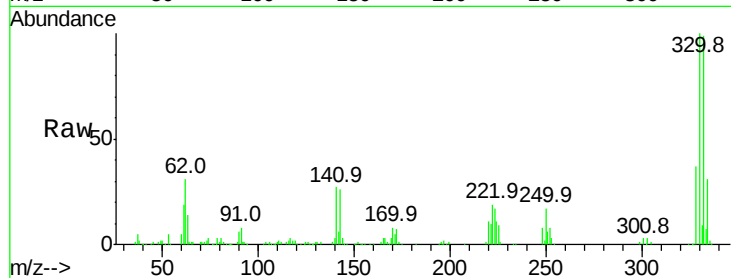




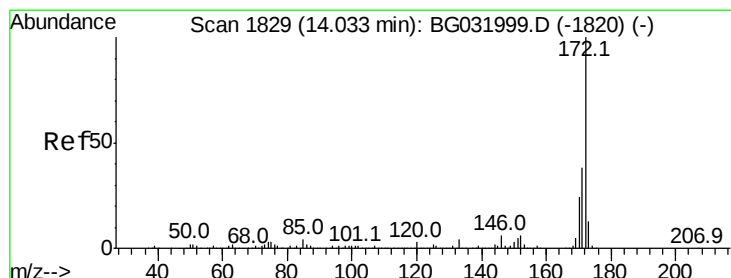
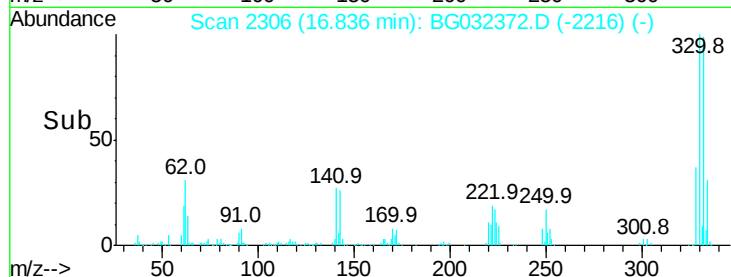
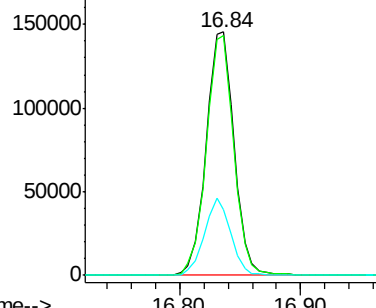
#41
 2,4,6-Tribromophenol
 Concen: 159.729 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032372.D
 Acq: 28 Jan 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.8	25.2	37.8

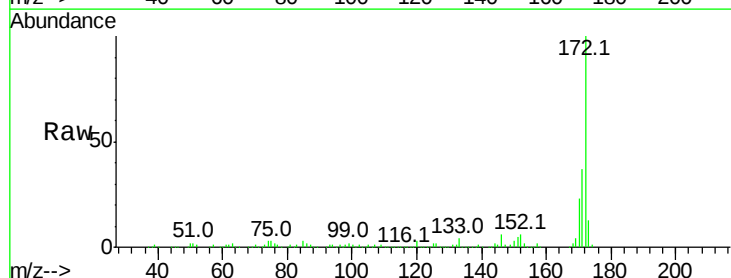


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

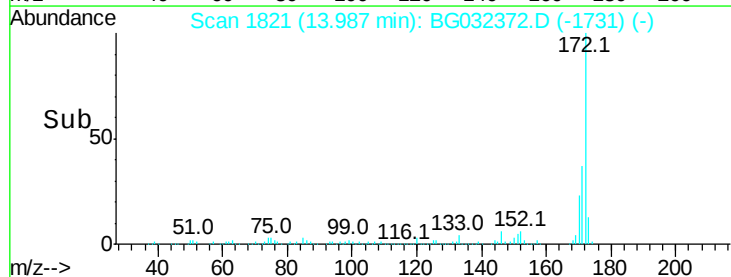
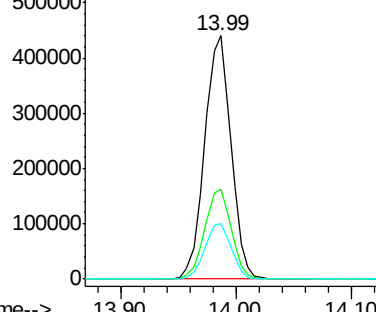


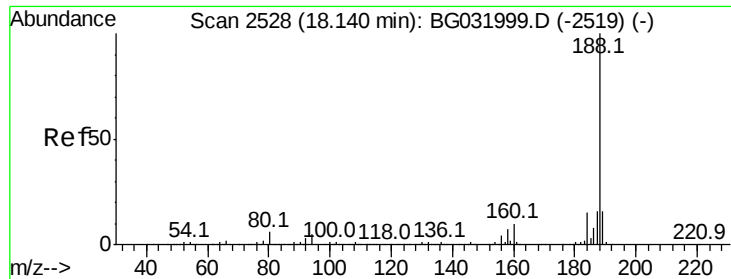
#44
 2-Fluorobiphenyl
 Concen: 97.091 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032372.D
 Acq: 28 Jan 2018 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.0	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

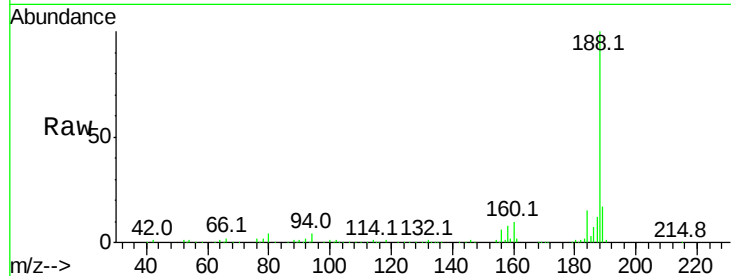




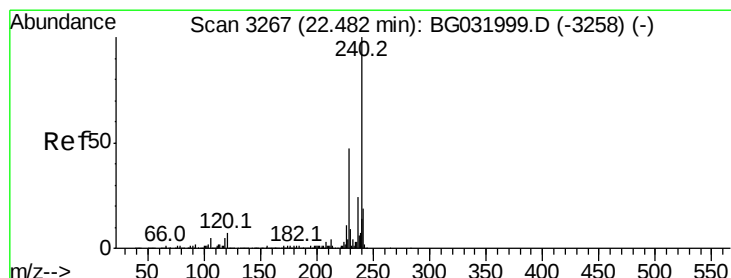
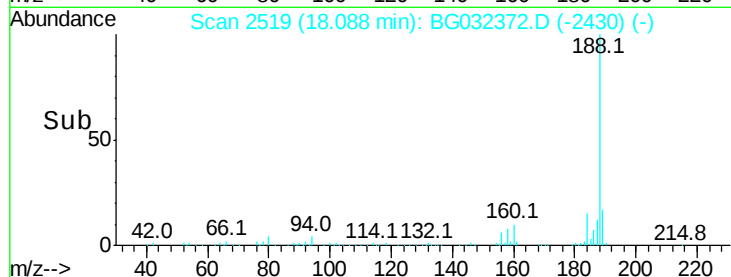
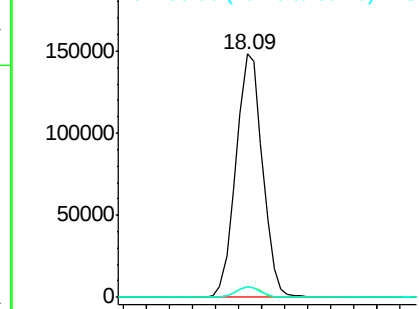
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032372.D
Acq: 28 Jan 2018 1:52

Instrument :
BNA_G
ClientSampleId :
AU-05-012518-A

Tot Ion:188 Resp: 236492
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.4 7.7 11.5#

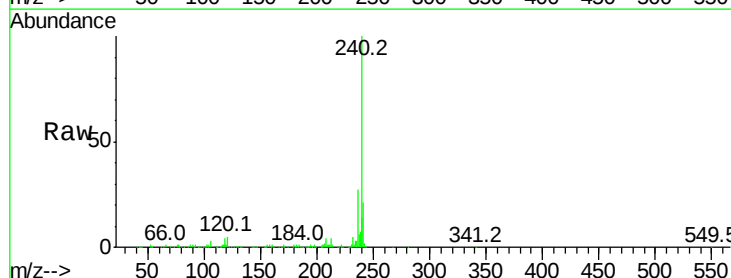


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

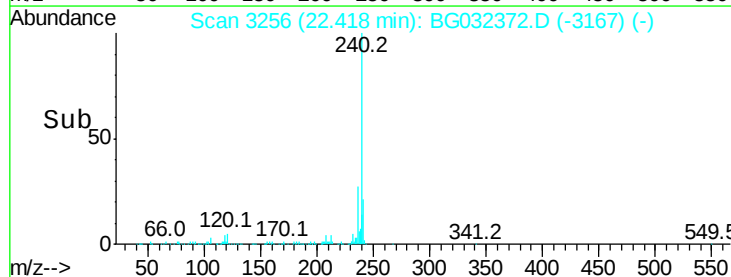
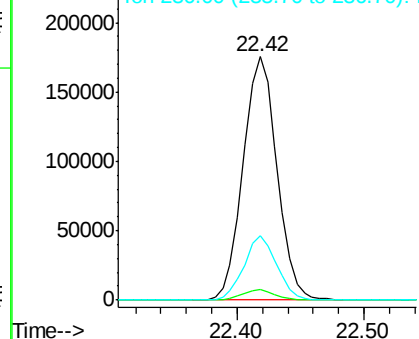


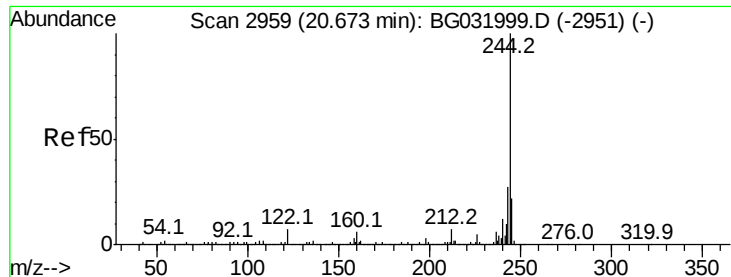
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3256
Delta R.T. -0.01 min
Lab File: BG032372.D
Acq: 28 Jan 2018 1:52

Tgt Ion:240 Resp: 324904
Ion Ratio Lower Upper
240 100
120 4.6 6.8 10.2#
236 26.6 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

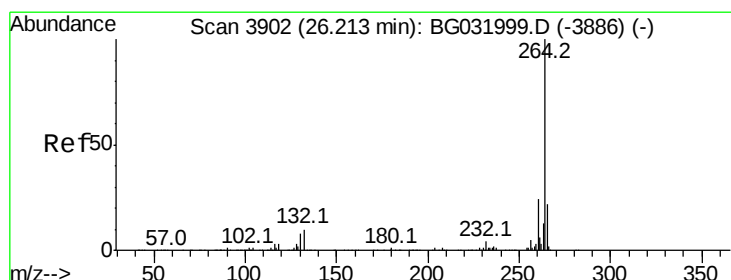
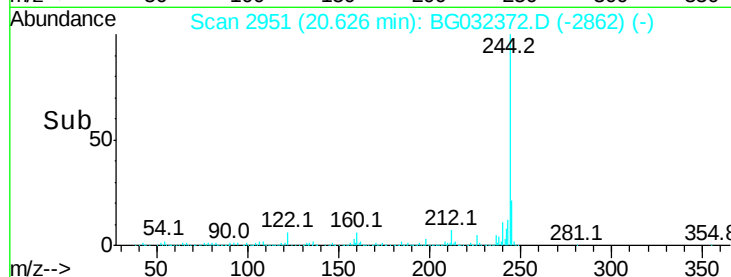
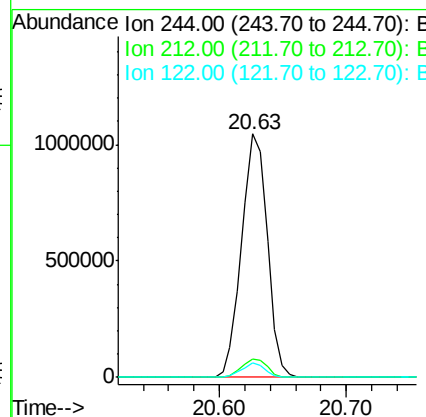
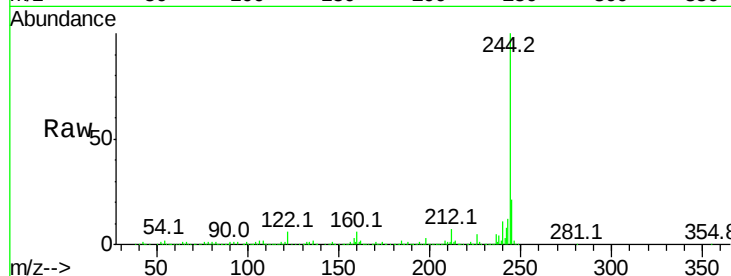




#78
 Terphenyl-d14
 Concen: 99.673 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032372.D
 Acq: 28 Jan 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-A

Tot Ion:244 Resp: 1466649
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.8 8.8
 122 5.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.10 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BG032372.D
 Acq: 28 Jan 2018 1:52

Tgt Ion:264 Resp: 339498
 Ion Ratio Lower Upper
 264 100
 260 24.6 17.4 26.0
 265 20.9 17.7 26.5

