

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032383.D
 Acq On : 28 Jan 2018 8:45
 Operator : SJ/JU
 Sample : J1009-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jan 29 02:52:21 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	37559	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	134303	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	88694	20.00	ng	-0.01
63) Phenanthrene-d10	18.09	188	242704	20.00	ng	0.00
75) Chrysene-d12	22.41	240	338499	20.00	ng	-0.01
86) Perylene-d12	26.09	264	353489	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	221946	108.08	ng	0.00
7) Phenol-d6	7.84	99	254016	98.21	ng	0.00
23) Nitrobenzene-d5	9.92	82	193699	97.57	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	228590	155.75	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	663581	92.77	ng	0.00
78) Terphenyl-d14	20.63	244	1433605	93.51	ng	0.00

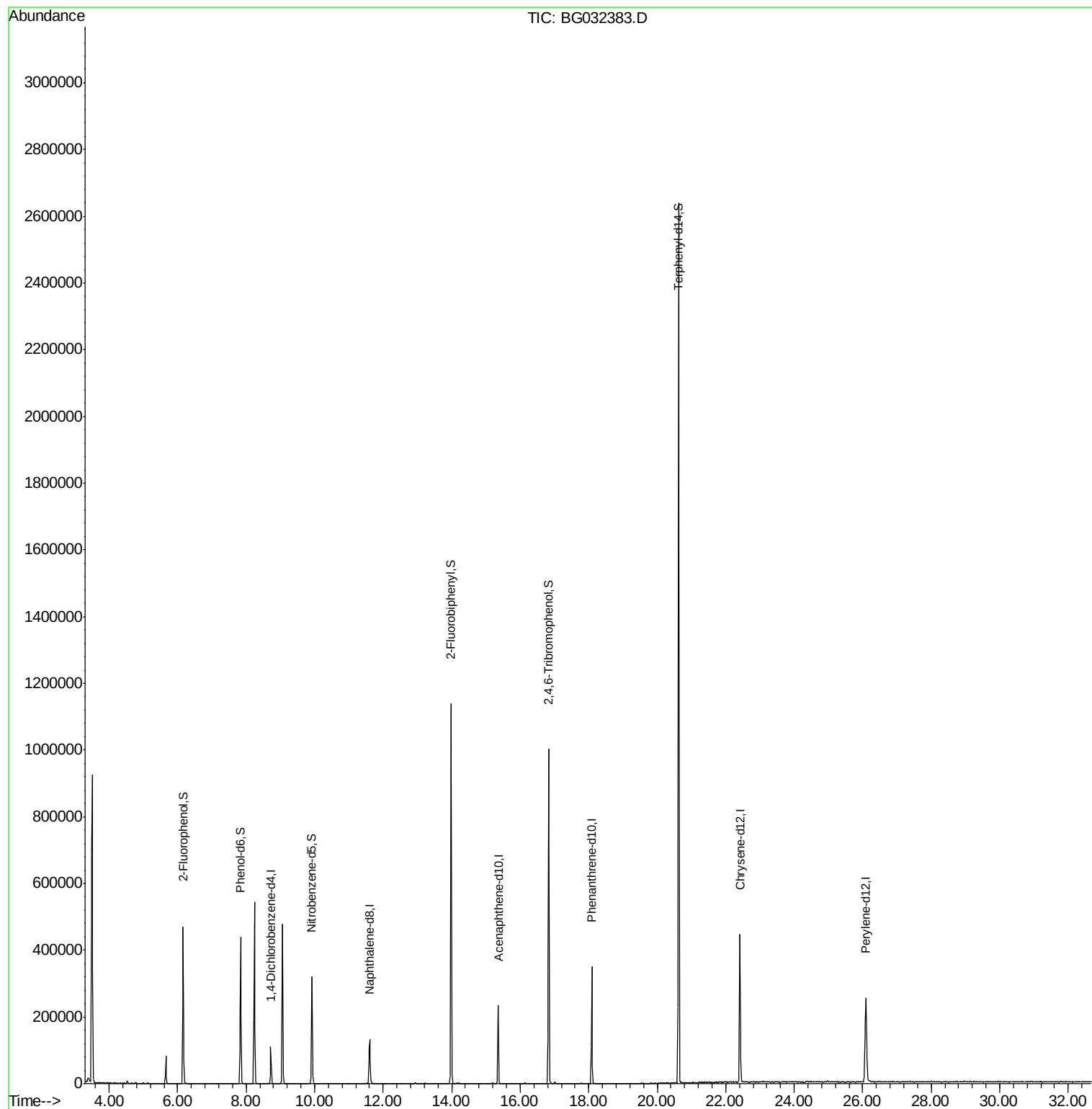
Target Compounds Qvalue

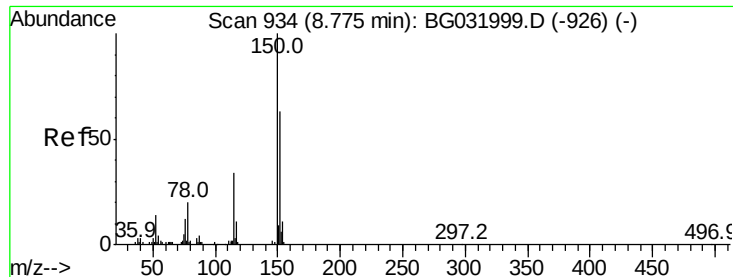
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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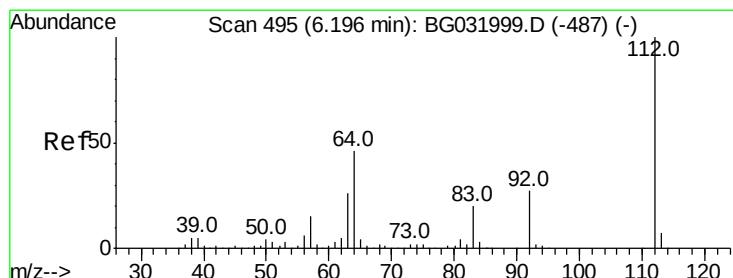
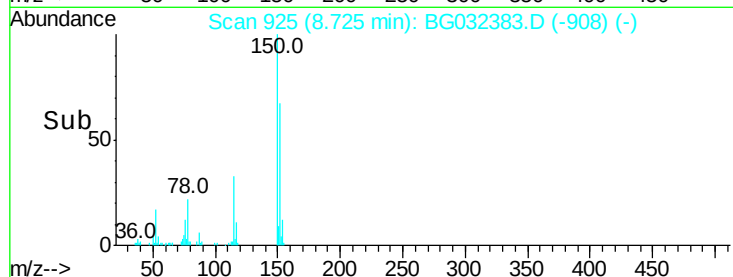
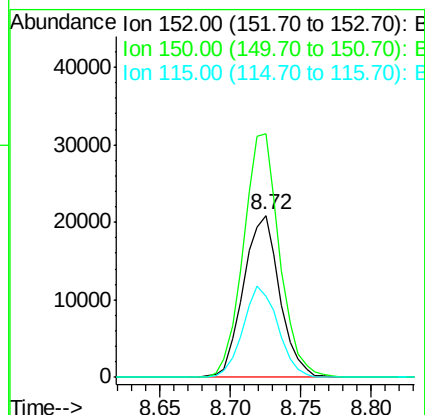
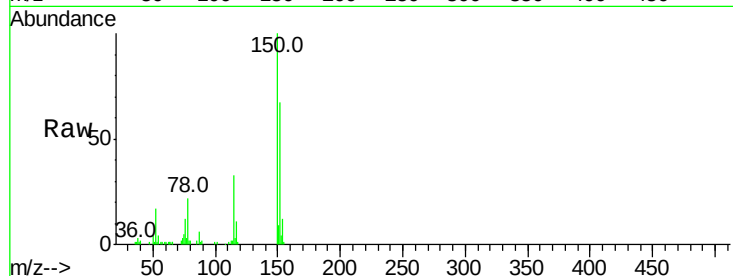


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032383.D
Acq: 28 Jan 2018 8:45

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

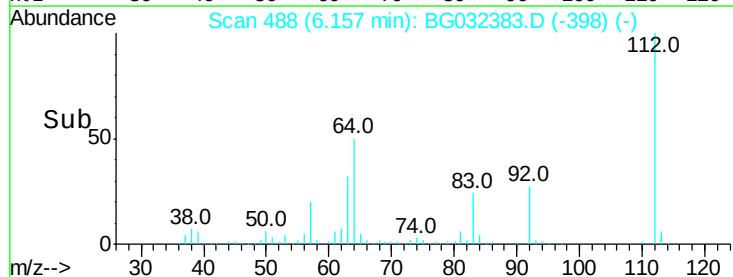
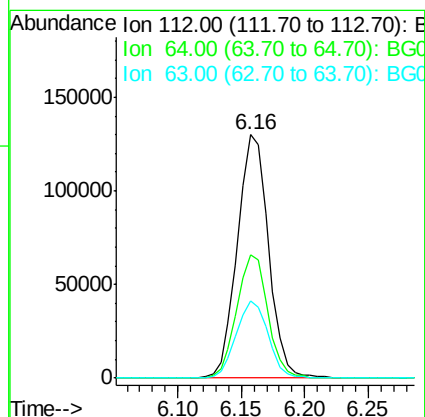
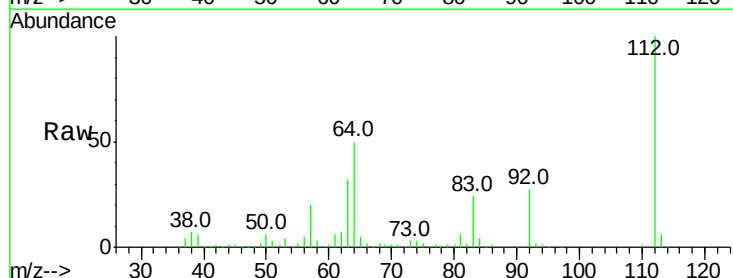
Tot Ion:152 Resp: 37559
Ion Ratio Lower Upper
152 100
150 150.1 126.6 189.8
115 49.6 53.0 79.4#

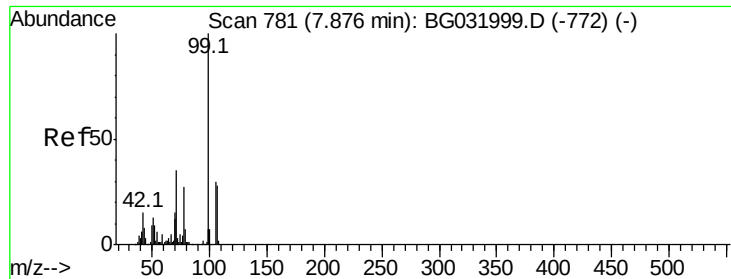


#5

2-Fluorophenol
Concen: 108.076 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032383.D
Acq: 28 Jan 2018 8:45

Tgt Ion:112 Resp: 221946
Ion Ratio Lower Upper
112 100
64 50.4 56.3 84.5#
63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 98.213 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032383.D

Acq: 28 Jan 2018 8:45

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-D

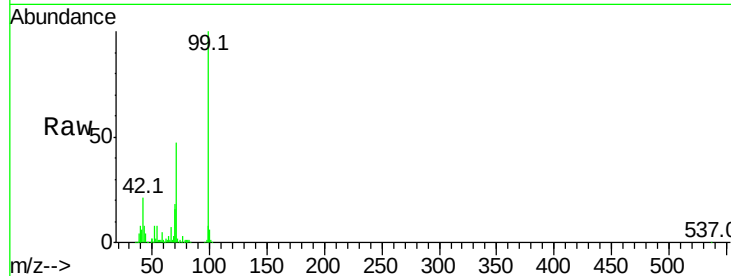
Tot Ion: 99 Resp: 254016

Ion Ratio Lower Upper

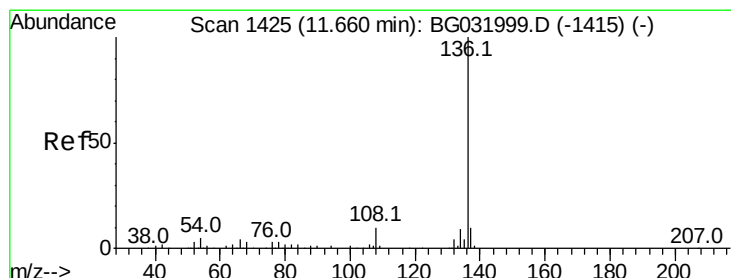
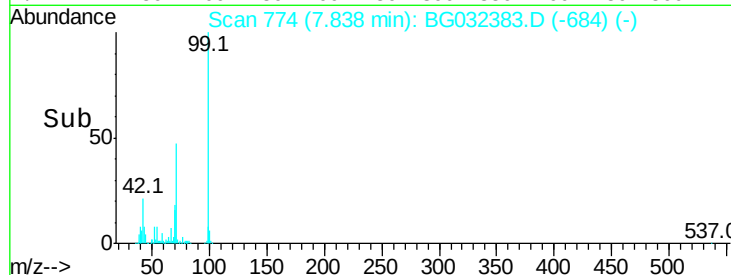
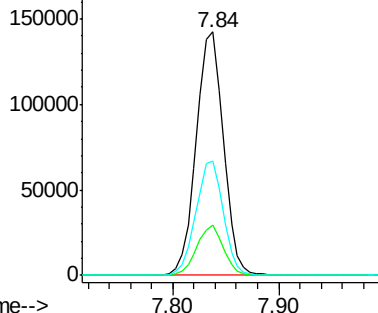
99 100

42 20.6 14.1 21.1

71 47.1 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. -0.00 min

Lab File: BG032383.D

Acq: 28 Jan 2018 8:45

Tgt Ion: 136 Resp: 134303

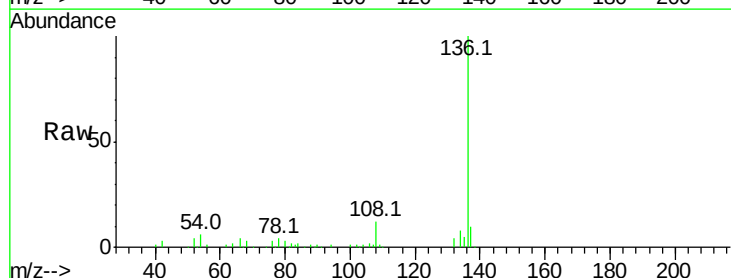
Ion Ratio Lower Upper

136 100

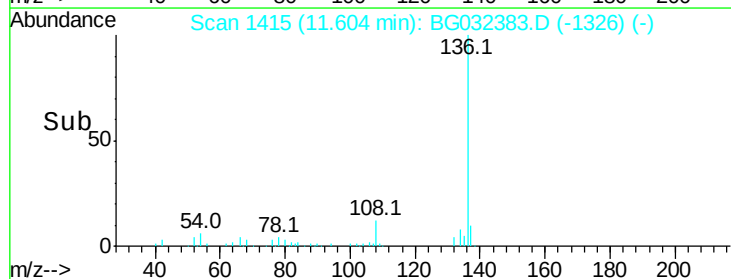
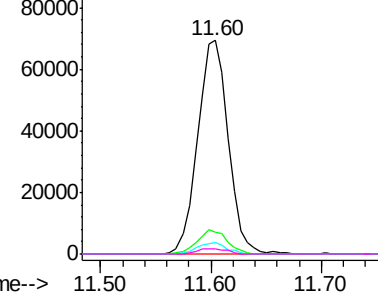
137 10.4 9.2 13.8

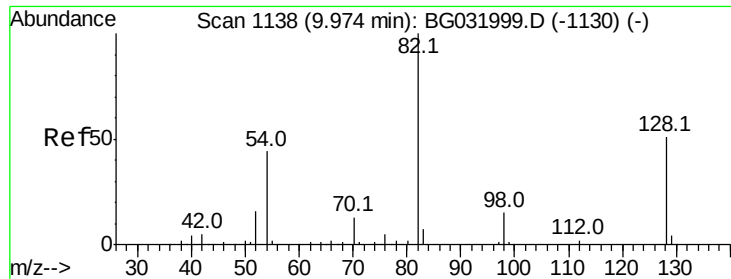
54 5.5 10.3 15.5#

68 2.6 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

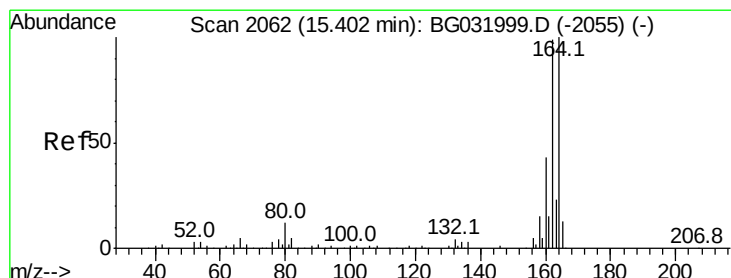
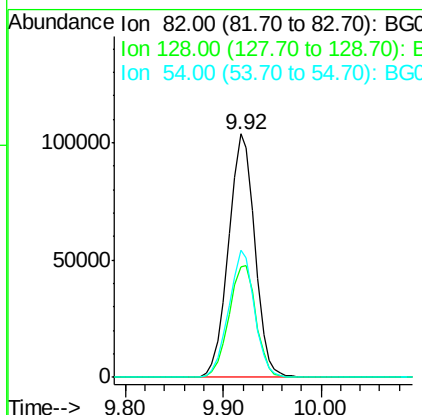
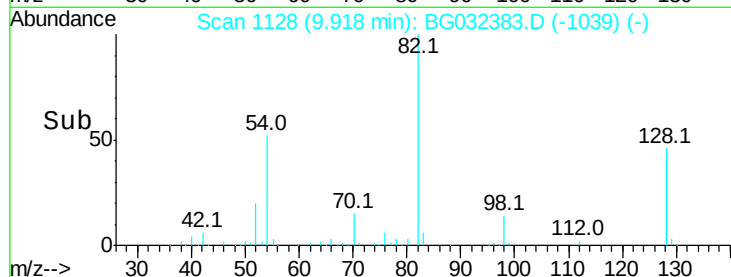
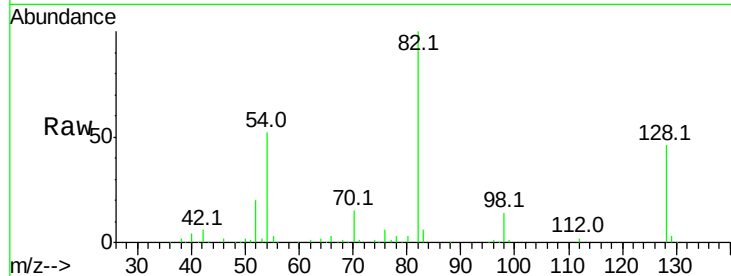




#23
 Nitrobenzene-d5
 Concen: 97.575 ng
 RT: 9.92 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BG032383.D
 Acq: 28 Jan 2018 8:45

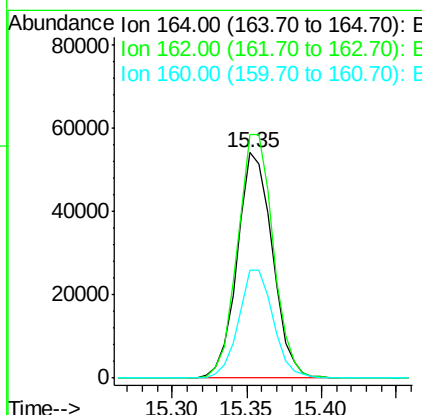
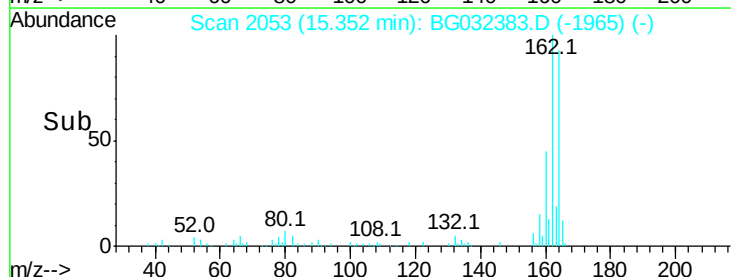
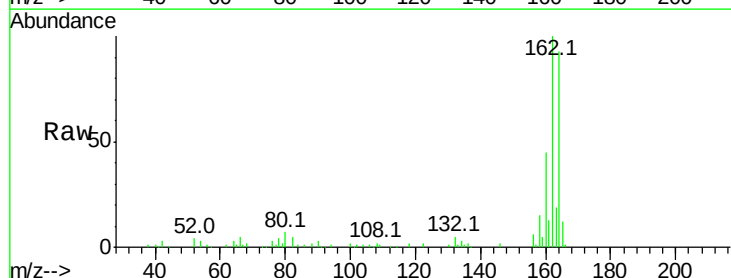
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-D

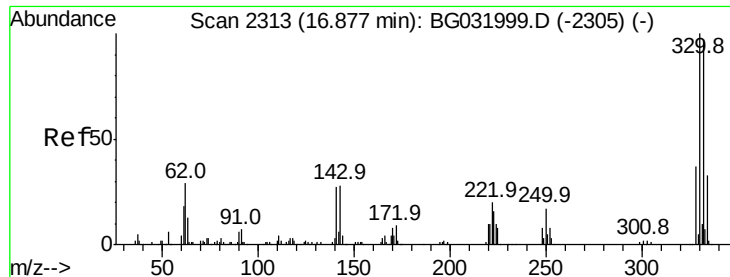
Tot Ion: 82 Resp: 193699
 Ion Ratio Lower Upper
 82 100
 128 45.6 29.7 44.5#
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG032383.D
 Acq: 28 Jan 2018 8:45

Tgt Ion:164 Resp: 88694
 Ion Ratio Lower Upper
 164 100
 162 108.1 78.8 118.2
 160 48.2 35.4 53.0

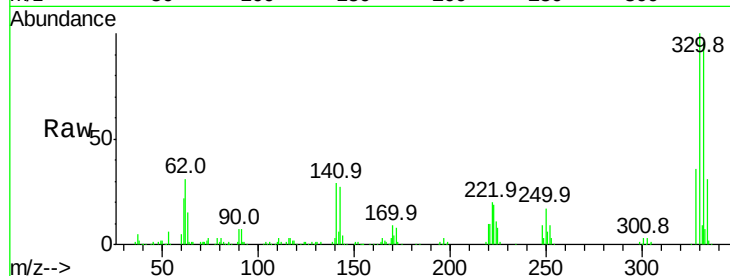




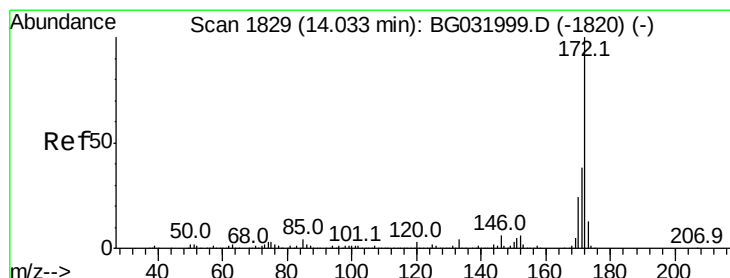
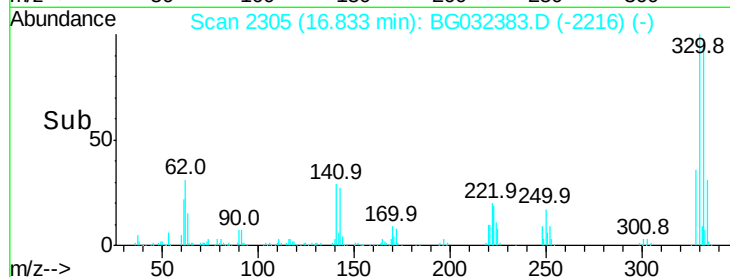
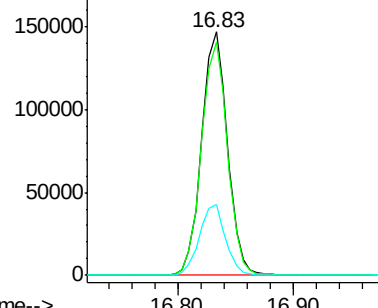
#41
 2,4,6-Tribromophenol
 Concen: 155.749 ng
 RT: 16.83 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: BG032383.D
 Acq: 28 Jan 2018 8:45

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.0	25.2	37.8

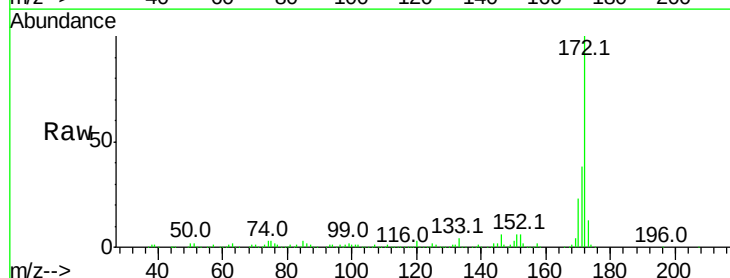


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

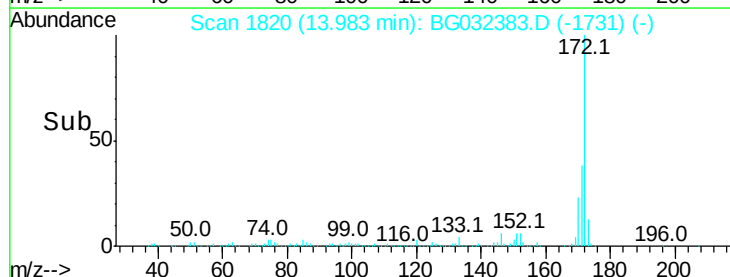
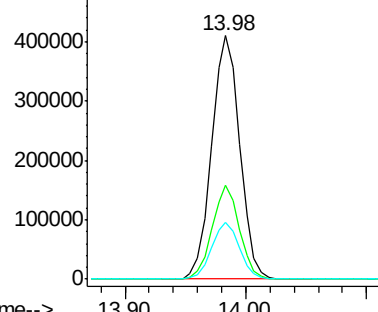


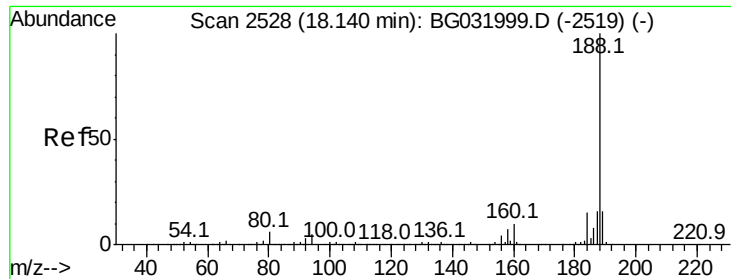
#44
 2-Fluorobiphenyl
 Concen: 92.769 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032383.D
 Acq: 28 Jan 2018 8:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.2	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

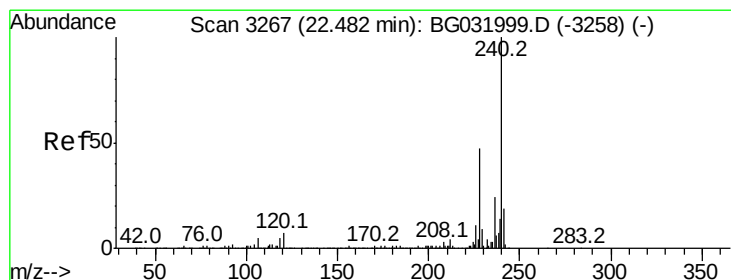
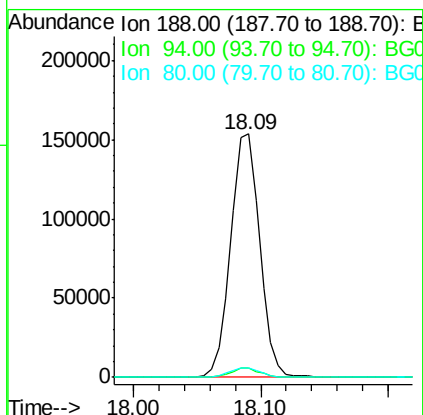
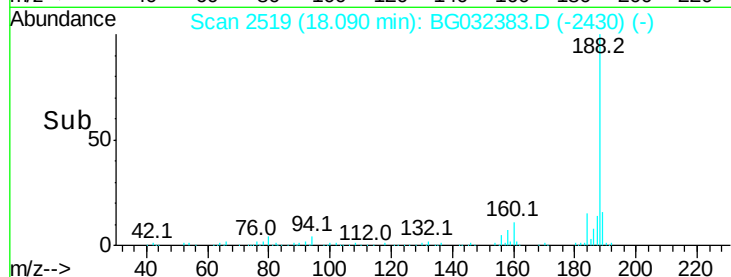
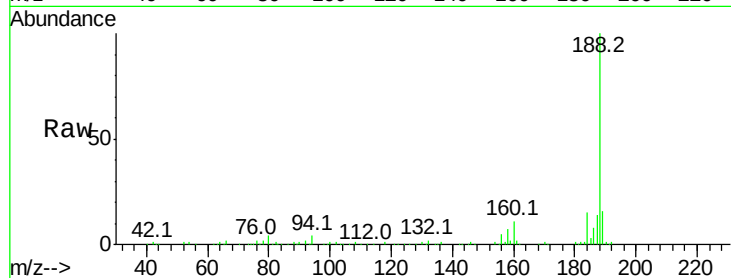




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032383.D
Acq: 28 Jan 2018 8:45

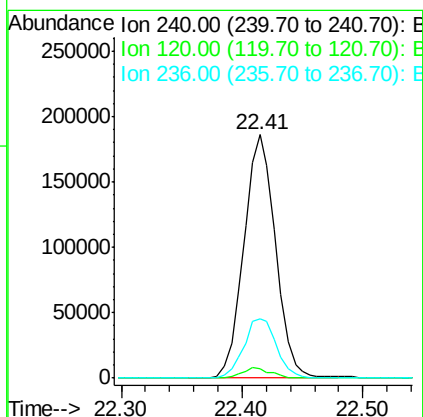
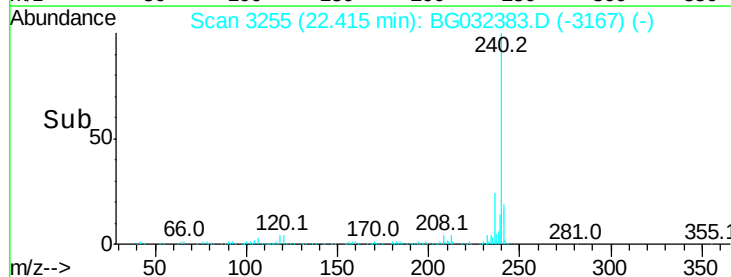
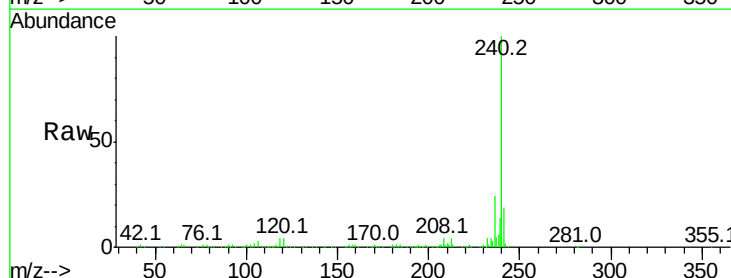
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ClientSampleId :
AU-05-012518-D

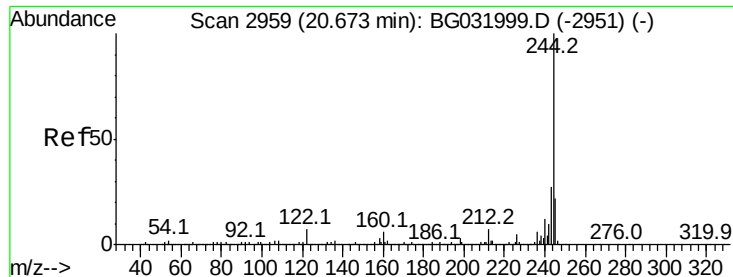
Tot Ion:188 Resp: 242704
Ion Ratio Lower Upper
188 100
94 3.7 6.9 10.3#
80 4.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032383.D
Acq: 28 Jan 2018 8:45

Tgt Ion:240 Resp: 338499
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 24.4 20.9 31.3





#78

Terphenyl-d14

Concen: 93.515 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032383.D

Acq: 28 Jan 2018 8:45

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-D

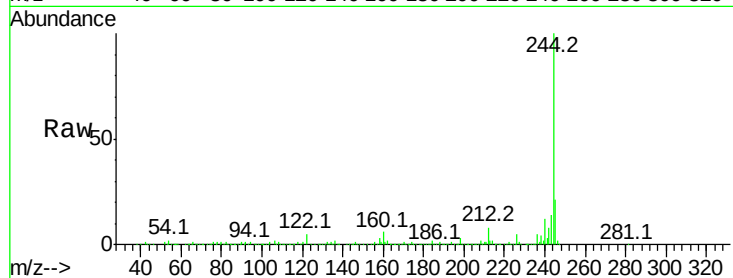
Tot Ion:244 Resp: 1433605

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

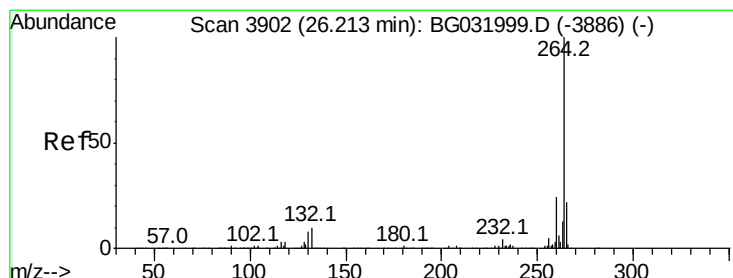
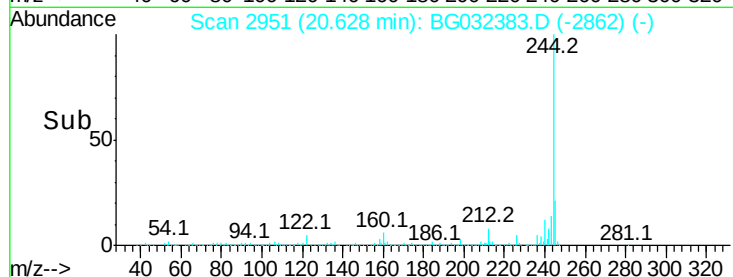
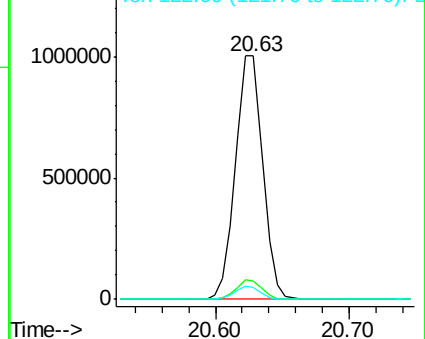
122 5.1 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BG032383.D

Acq: 28 Jan 2018 8:45

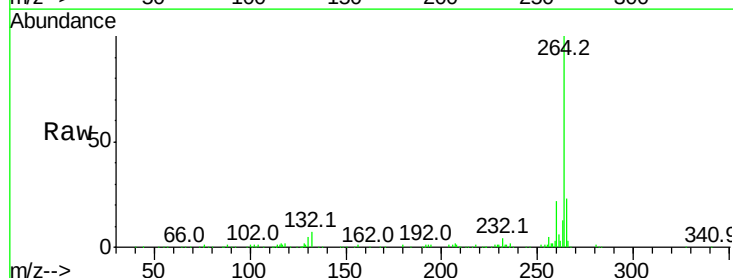
Tgt Ion:264 Resp: 353489

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 22.6 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

