

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020918\
 Data File : BG032636.D
 Acq On : 9 Feb 2018 18:19
 Operator : SJ/JU
 Sample : J1501-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CO-6817

Quant Time: Feb 09 23:46:59 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	31744	20.00	ng	-0.02
21) Naphthalene-d8	11.56	136	133838	20.00	ng	-0.02
38) Acenaphthene-d10	15.32	164	115947	20.00	ng	-0.03
63) Phenanthrene-d10	18.06	188	363755	20.00	ng	-0.02
75) Chrysene-d12	22.39	240	374865	20.00	ng	-0.02
86) Perylene-d12	26.07	264	375663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	217847	137.84	ng	-0.02
7) Phenol-d6	7.80	99	260387	123.47	ng	-0.02
23) Nitrobenzene-d5	9.88	82	204513	95.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	296837	134.49	ng	-0.02
44) 2-Fluorobiphenyl	13.95	172	768998	78.83	ng	-0.02
78) Terphenyl-d14	20.60	244	1526225	87.21	ng	-0.01

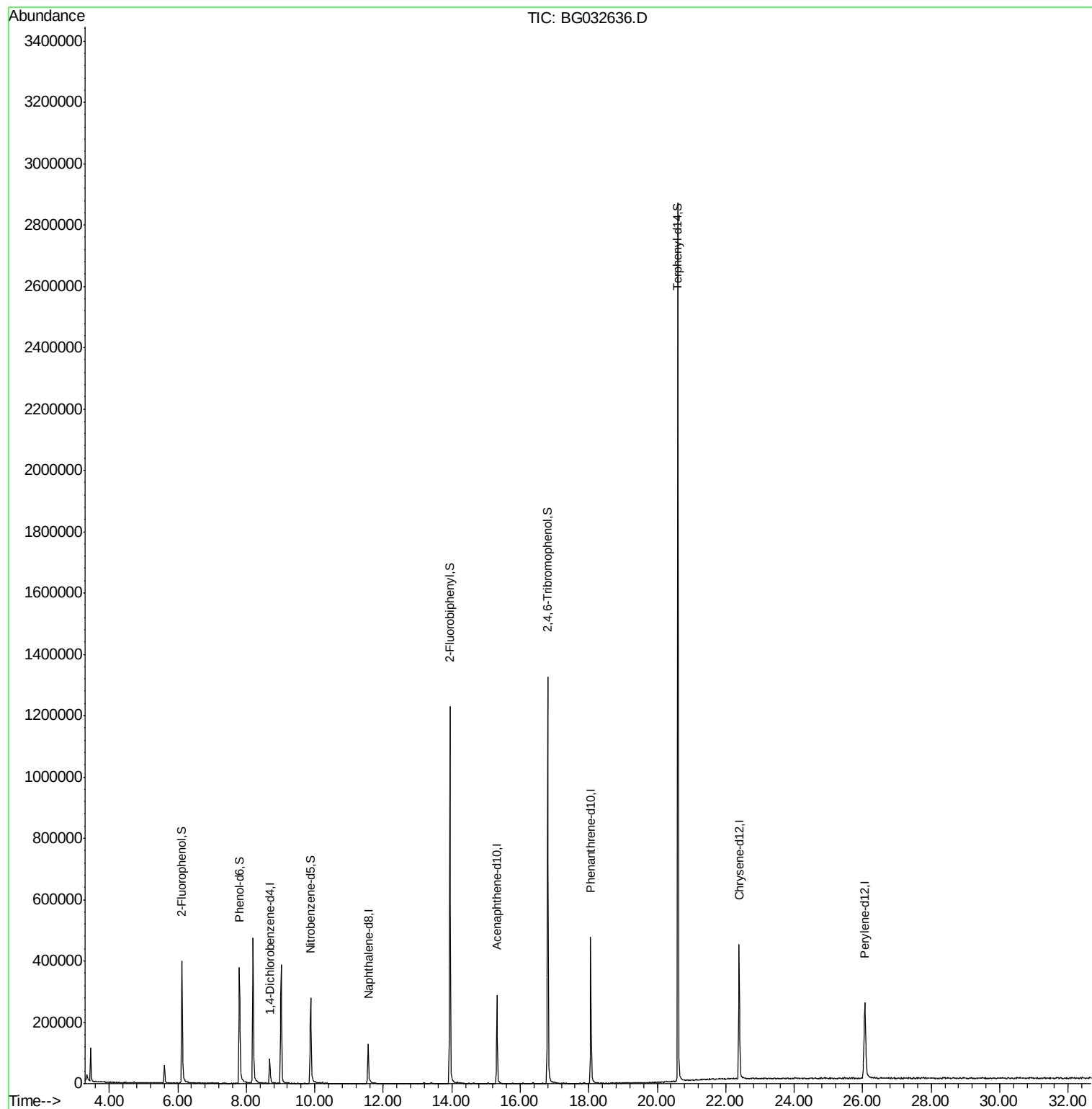
Target Compounds Qvalue

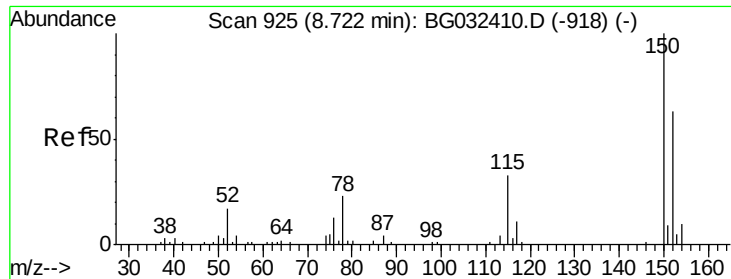
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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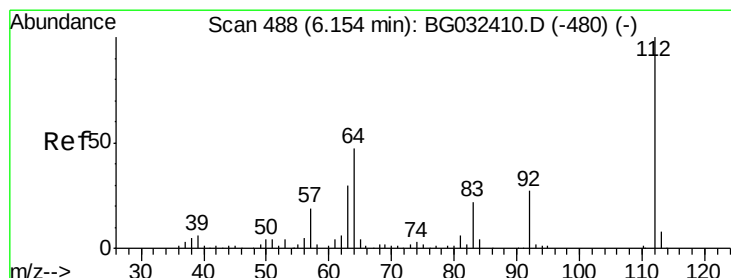
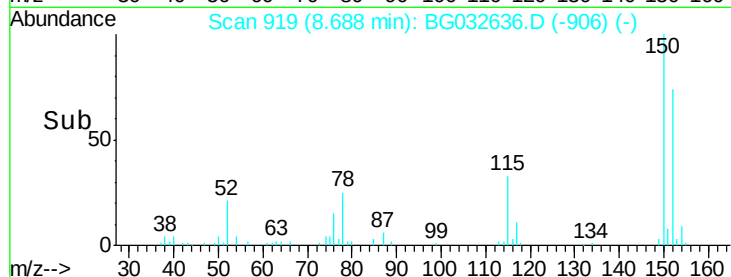
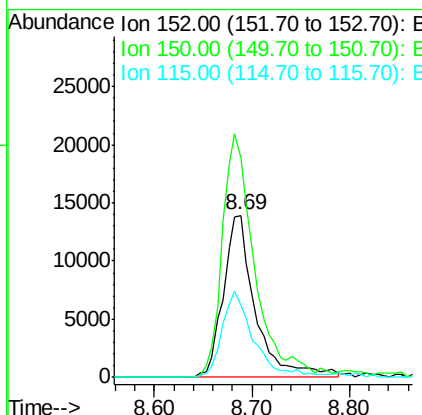
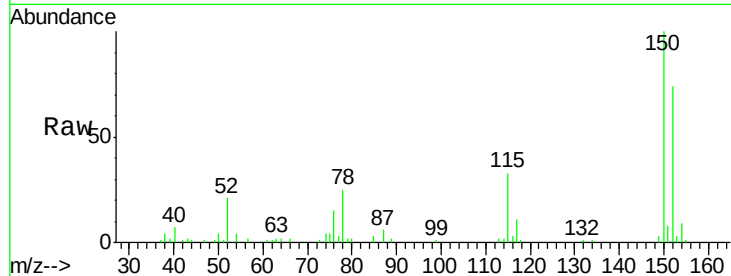


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032636.D
Acq: 9 Feb 2018 18:19

Instrument :
BNA_G
ClientSampled :
CO-6817

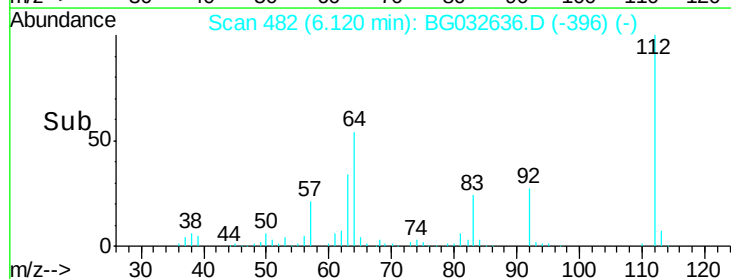
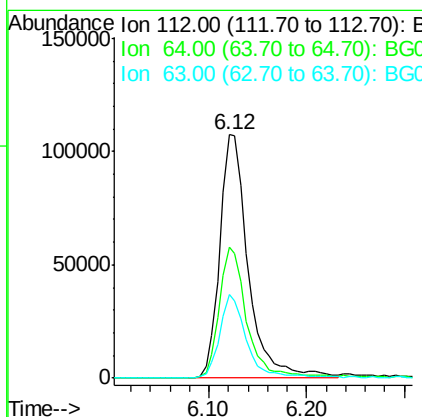
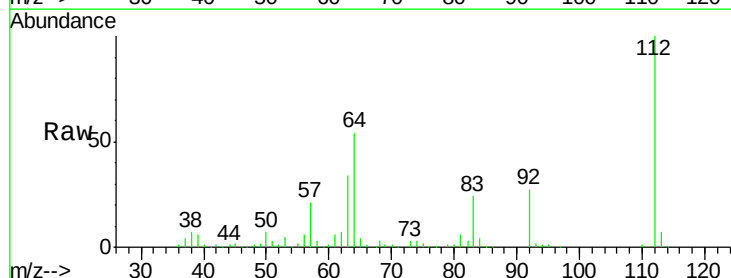
Tot Ion:152 Resp: 31744
Ion Ratio Lower Upper
152 100
150 135.1 126.6 189.8
115 44.3 53.0 79.4#

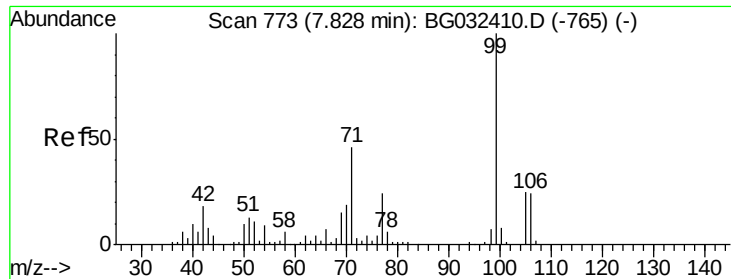


#5

2-Fluorophenol
Concen: 137.840 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032636.D
Acq: 9 Feb 2018 18:19

Tgt Ion:112 Resp: 217847
Ion Ratio Lower Upper
112 100
64 53.7 56.3 84.5#
63 34.3 30.1 45.1





#7

Phenol-d6

Concen: 123.467 ng

RT: 7.80 min Scan# 768

Delta R.T. -0.02 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

Instrument :

BNA_G

ClientSampleId :

CO-6817

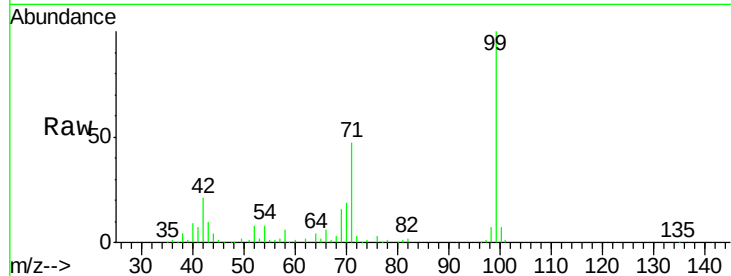
Tot Ion: 99 Resp: 260387

Ion Ratio Lower Upper

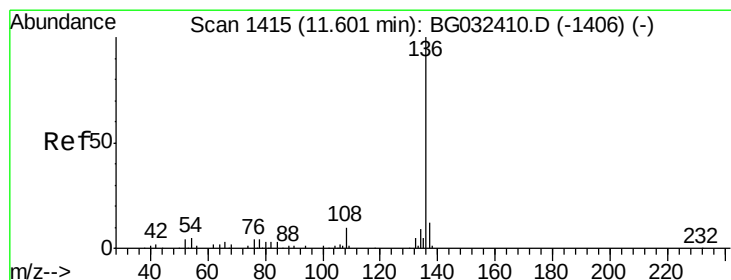
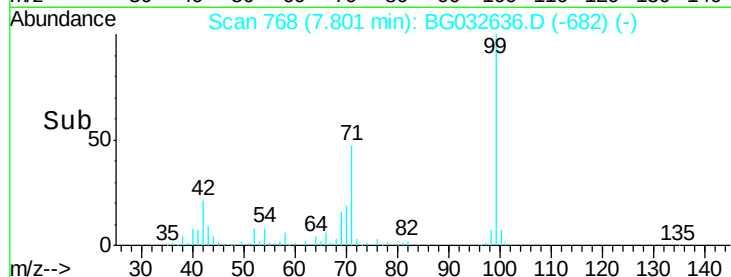
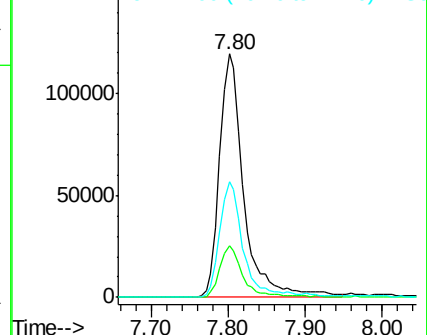
99 100

42 20.9 14.1 21.1

71 47.3 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: 11.56 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

Tgt Ion: 136 Resp: 133838

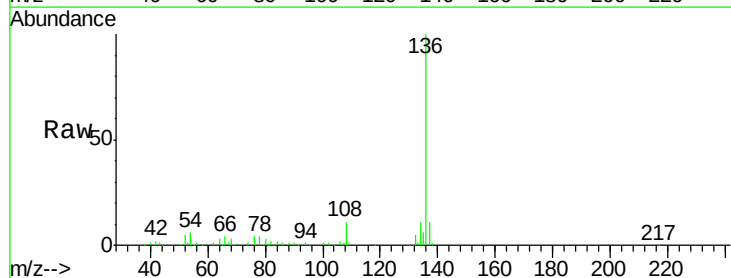
Ion Ratio Lower Upper

136 100

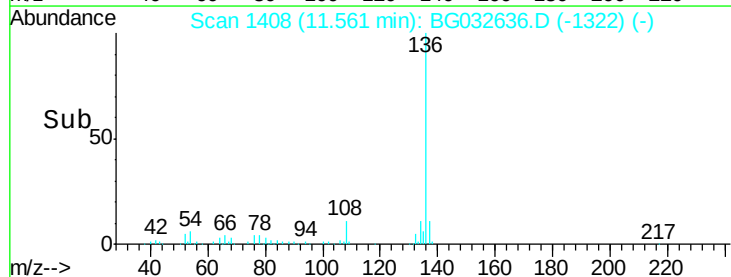
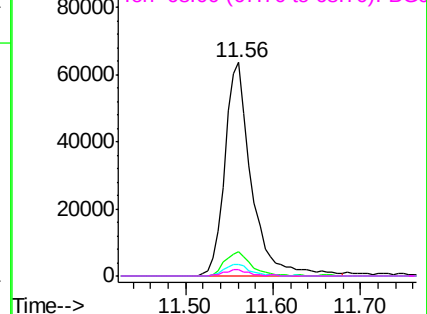
137 11.4 9.2 13.8

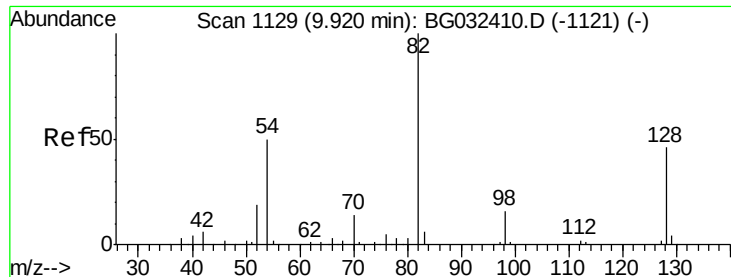
54 5.6 10.3 15.5#

68 3.1 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

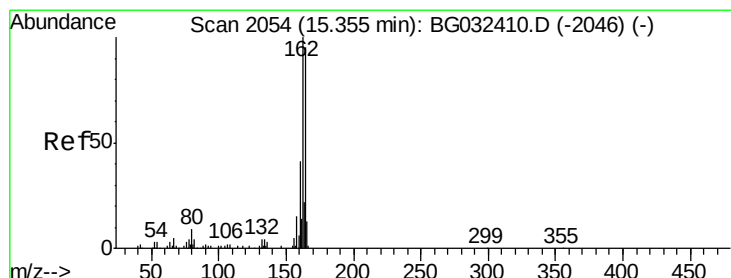
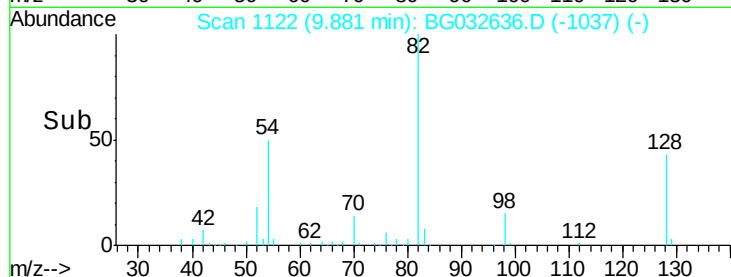
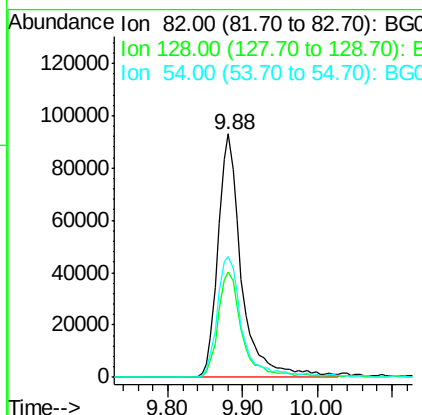
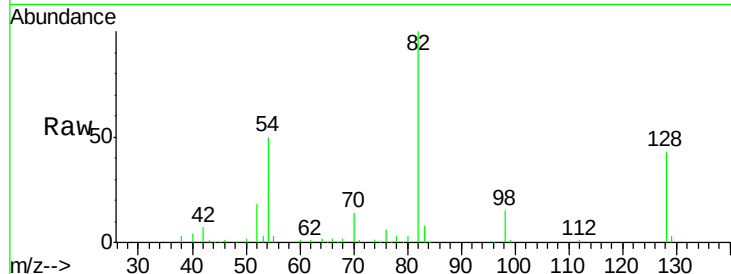




#23
 Nitrobenzene-d5
 Concen: 95.444 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032636.D
 Acq: 9 Feb 2018 18:19

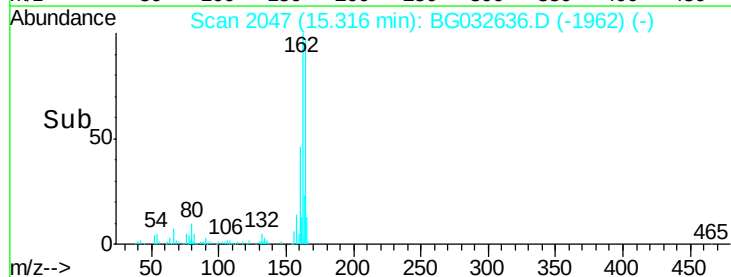
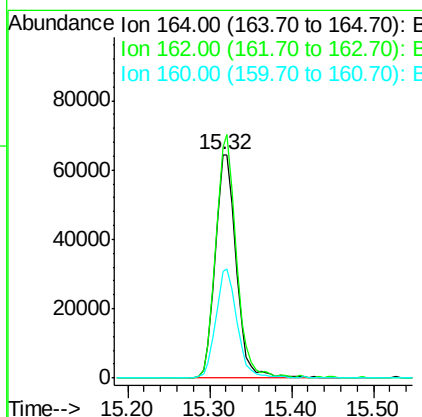
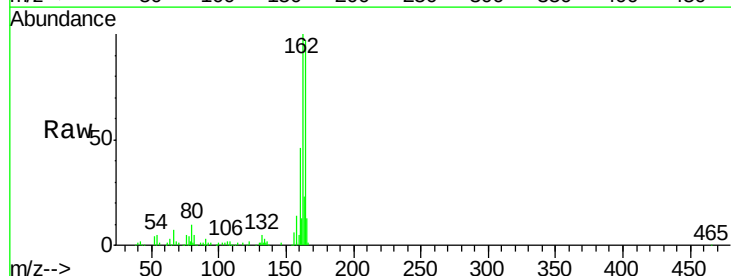
Instrument :
 BNA_G
 ClientSampleId :
 CO-6817

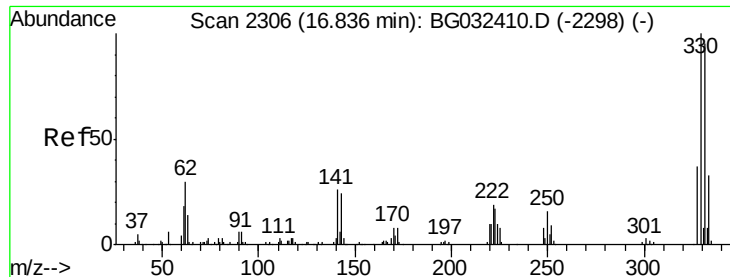
Tot Ion	82	Resp	204513
Ion Ratio	Lower	Upper	
82	100		
128	43.4	29.7	44.5
54	49.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: BG032636.D
 Acq: 9 Feb 2018 18:19

Tgt Ion	164	Resp	115947
Ion Ratio	Lower	Upper	
164	100		
162	103.2	78.8	118.2
160	47.4	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 134.495 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

Instrument :

BNA_G

ClientSampleId :

CO-6817

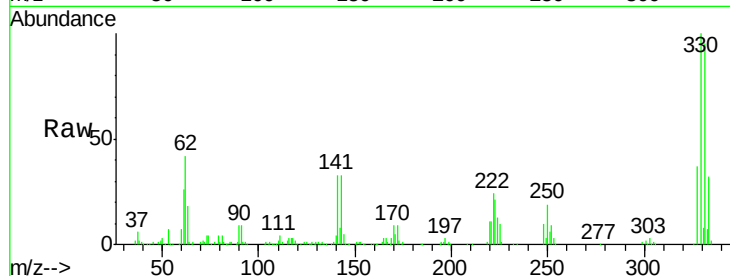
Tot Ion:330 Resp: 296837

Ion Ratio Lower Upper

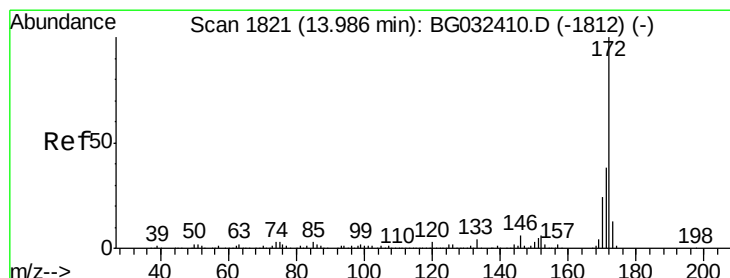
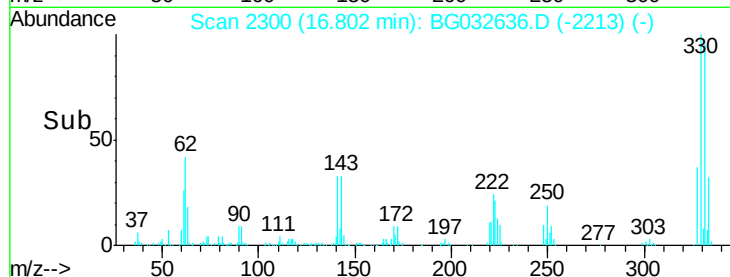
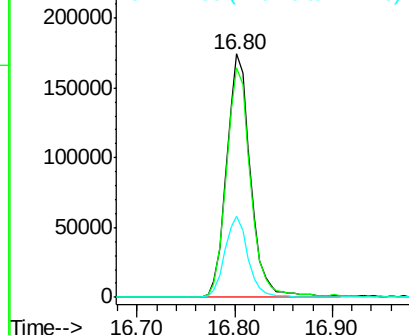
330 100

332 95.4 77.0 115.6

141 32.3 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: 78.830 ng

RT: 13.95 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

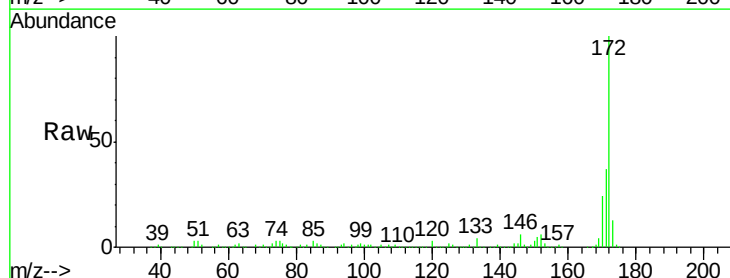
Tgt Ion:172 Resp: 768998

Ion Ratio Lower Upper

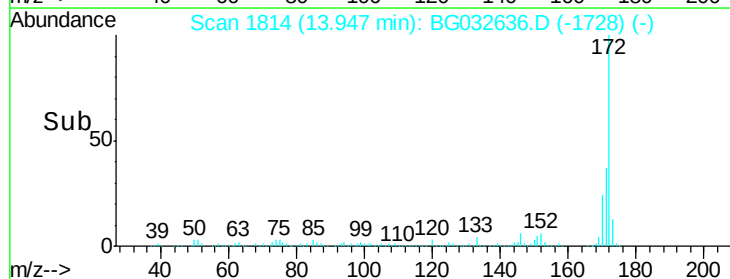
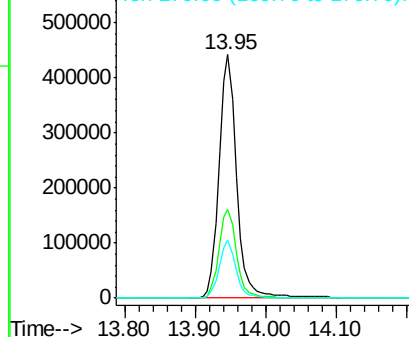
172 100

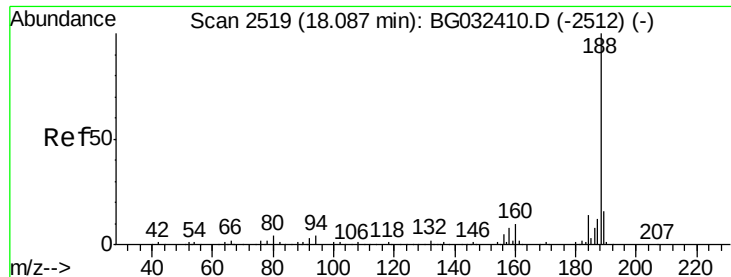
171 36.6 30.0 45.0

170 23.7 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: 18.06 min Scan# 2514

Delta R.T. -0.02 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

Instrument :

BNA_G

ClientSampled :

CO-6817

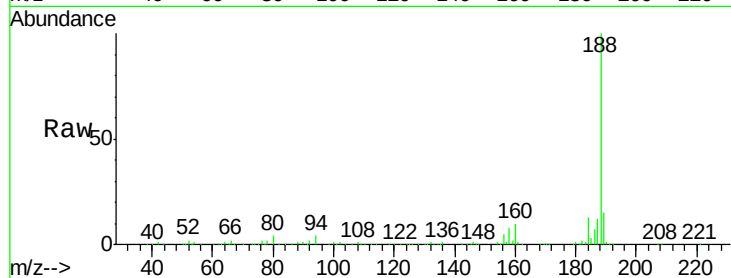
Tot Ion:188 Resp: 363755

Ion Ratio Lower Upper

188 100

94 4.5 6.9 10.3#

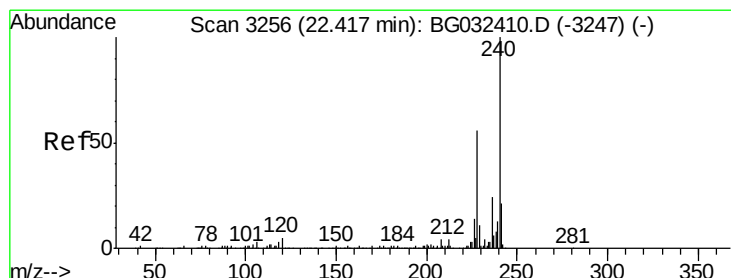
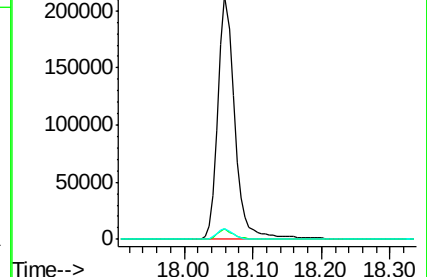
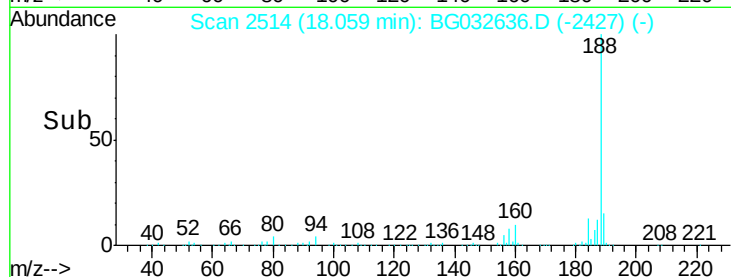
80 4.2 7.7 11.5#



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: 22.39 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

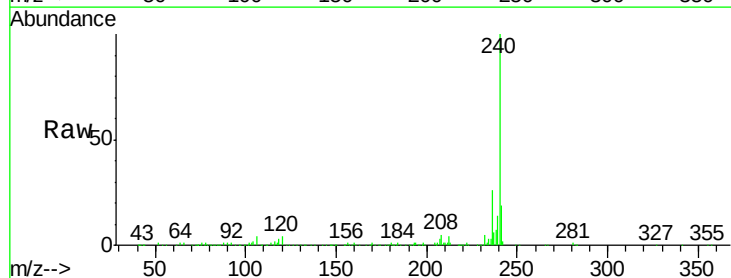
Tgt Ion:240 Resp: 374865

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

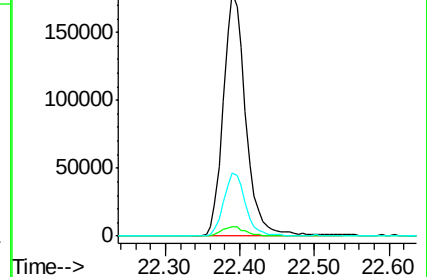
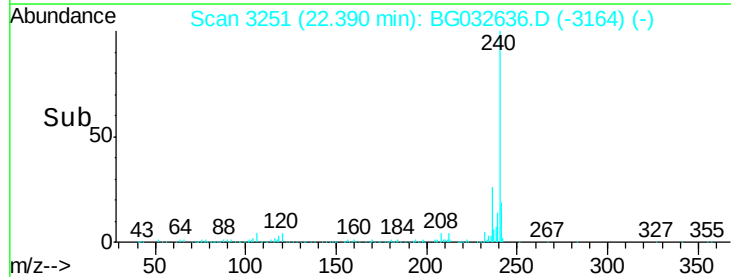
236 25.7 20.9 31.3

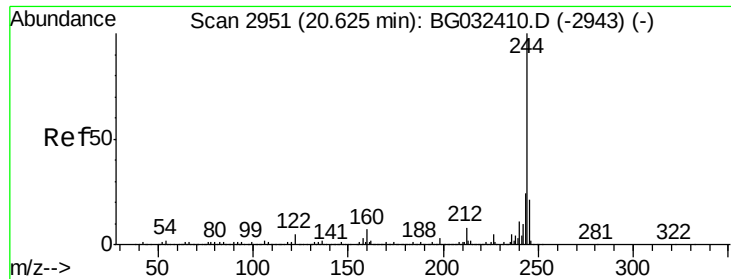


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.213 ng

RT: 20.60 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

Instrument :

BNA_G

ClientSampled :

CO-6817

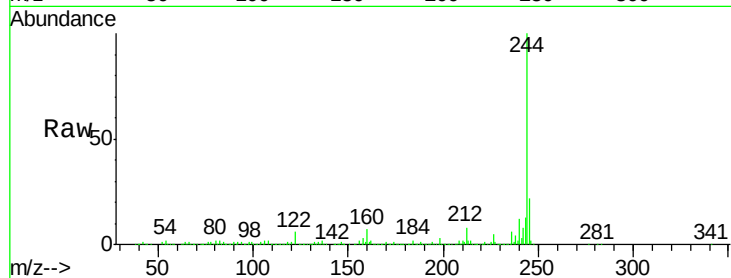
Tot Ion:244 Resp: 1526225

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

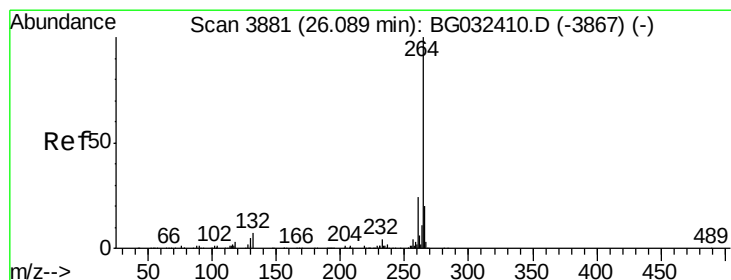
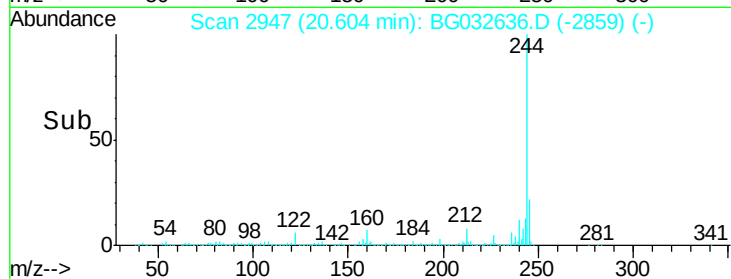
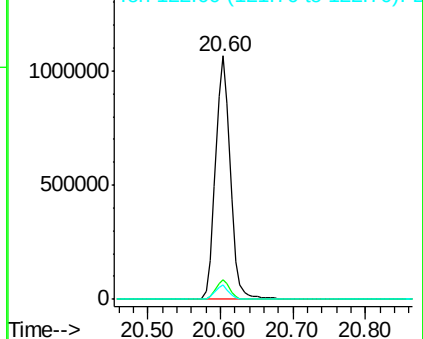
122 5.7 7.0 10.4#



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: 26.07 min Scan# 3877

Delta R.T. 0.00 min

Lab File: BG032636.D

Acq: 9 Feb 2018 18:19

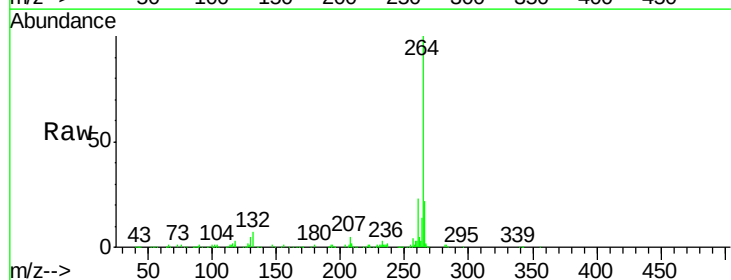
Tgt Ion:264 Resp: 375663

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 21.8 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

