

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032599.D
 Acq On : 7 Feb 2018 18:27
 Operator : SJ/JU
 Sample : J1400-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-020618-B

Quant Time: Feb 08 03:32:14 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	8.68	152	19589	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	62077	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	46687	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	130580	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	205228	20.00	ng	0.00
86) Perylene-d12	26.06	264	219535	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	134661	138.07	ng	-0.01
7) Phenol-d6	7.81	99	139224	106.98	ng	-0.01
23) Nitrobenzene-d5	9.88	82	121288	122.04	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	180965	203.63	ng	-0.01
44) 2-Fluorobiphenyl	13.94	172	414423	105.50	ng	-0.03
78) Terphenyl-d14	20.61	244	1016802	106.13	ng	0.00

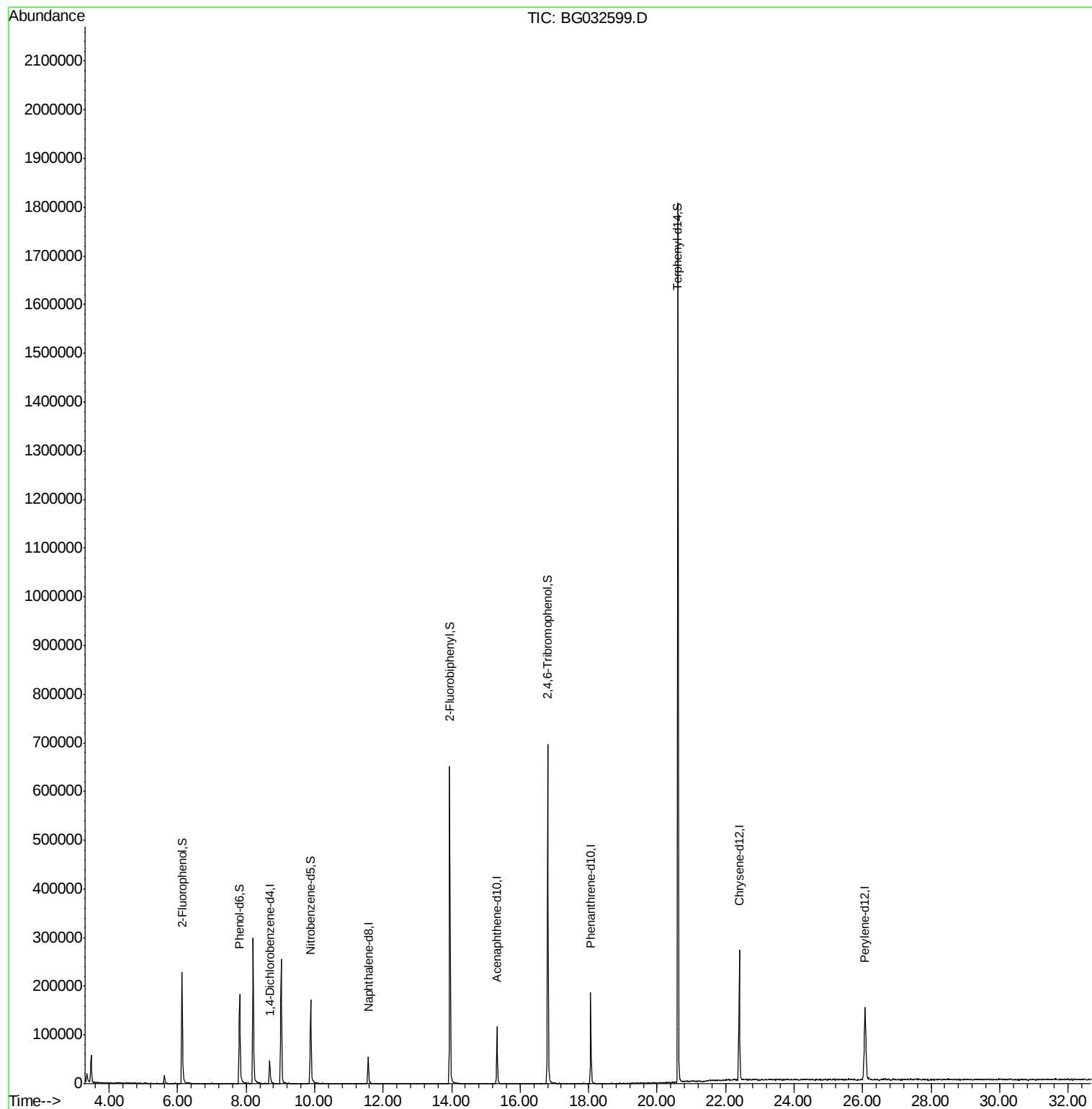
Target Compounds Qvalue

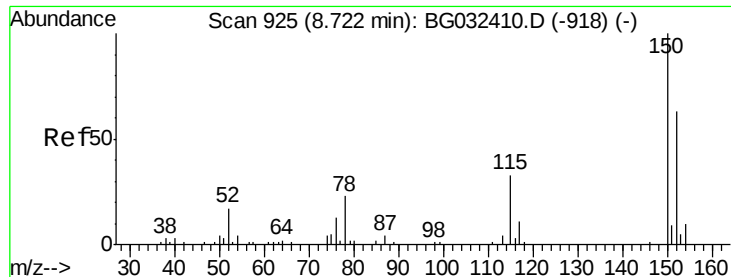
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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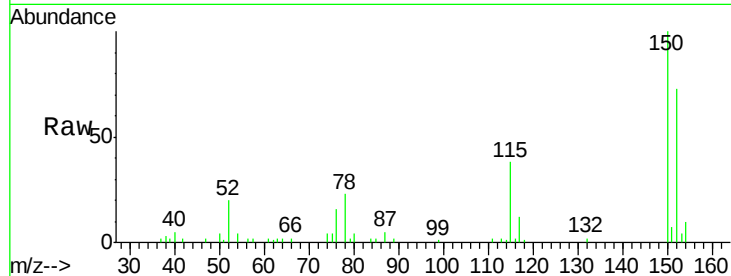


#1

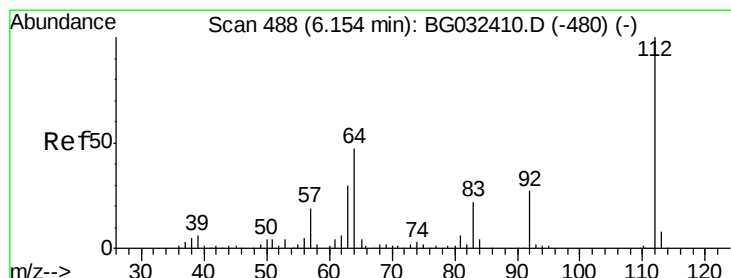
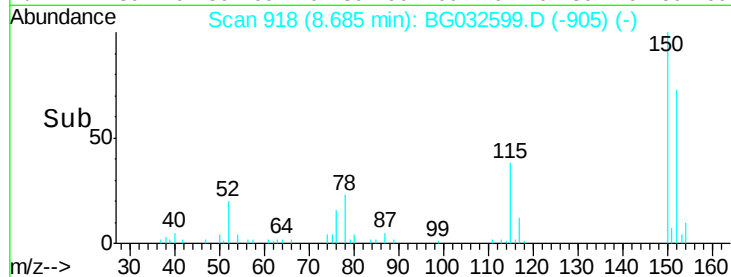
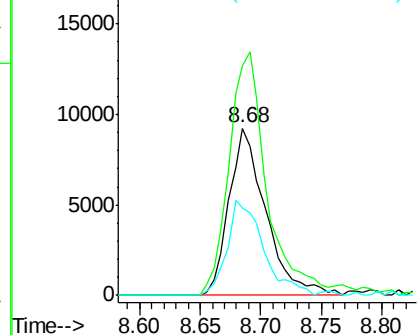
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Instrument :
BNA_G
ClientSampleId :
EO-01-020618-B

Tot Ion:152 Resp: 19589
Ion Ratio Lower Upper
152 100
150 137.3 126.6 189.8
115 52.5 53.0 79.4#



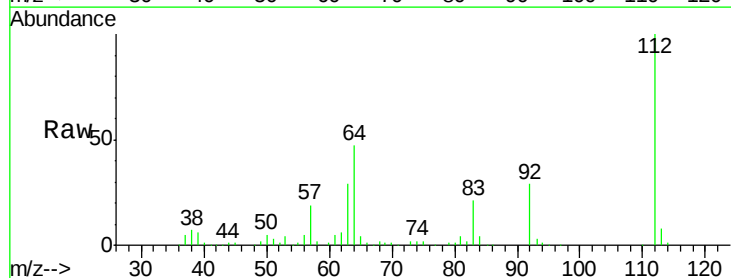
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



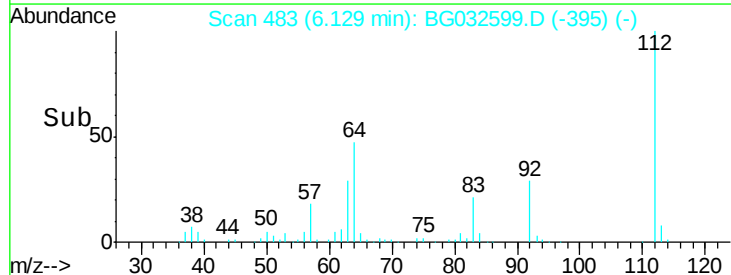
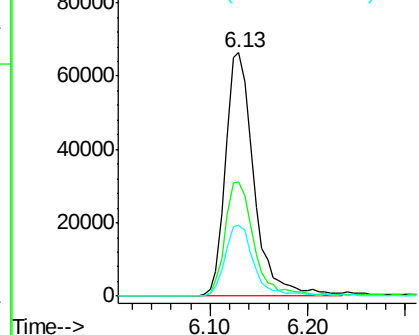
#5

2-Fluorophenol
Concen: 138.075 ng
RT: 6.13 min Scan# 483
Delta R.T. -0.01 min
Lab File: BG032599.D
Acq: 7 Feb 2018 18:27

Tgt Ion:112 Resp: 134661
Ion Ratio Lower Upper
112 100
64 46.7 56.3 84.5#
63 29.3 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: 106.978 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Instrument :

BNA_G

ClientSampleId :

EO-01-020618-B

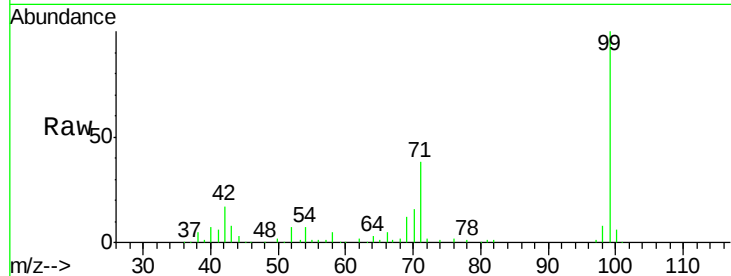
Tot Ion: 99 Resp: 139224

Ion Ratio Lower Upper

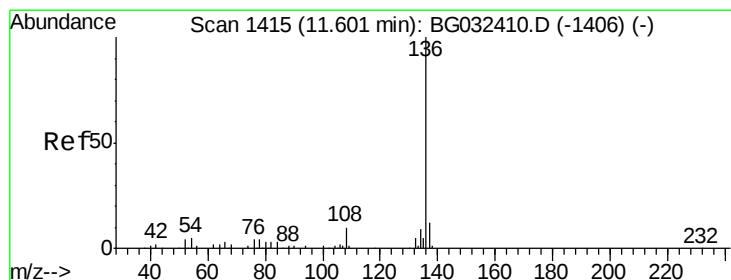
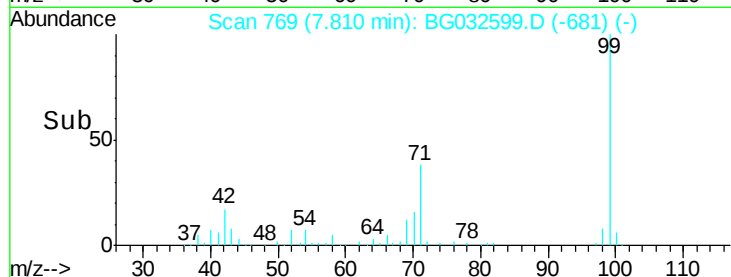
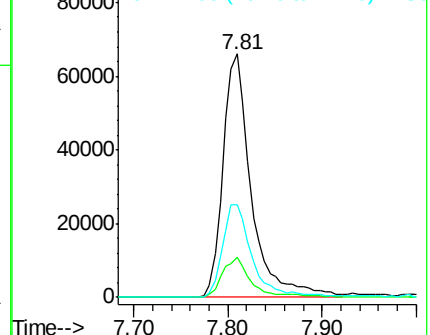
99 100

42 16.7 14.1 21.1

71 38.1 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: 11.56 min Scan# 1407

Delta R.T. -0.03 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Tgt Ion: 136 Resp: 62077

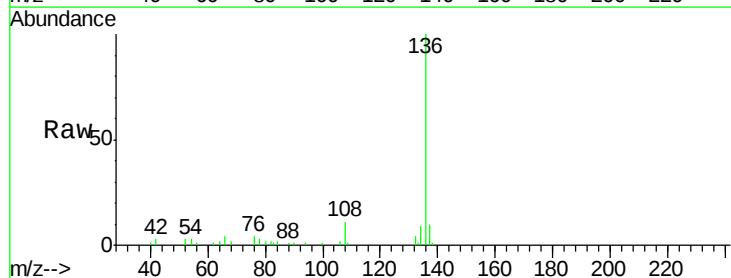
Ion Ratio Lower Upper

136 100

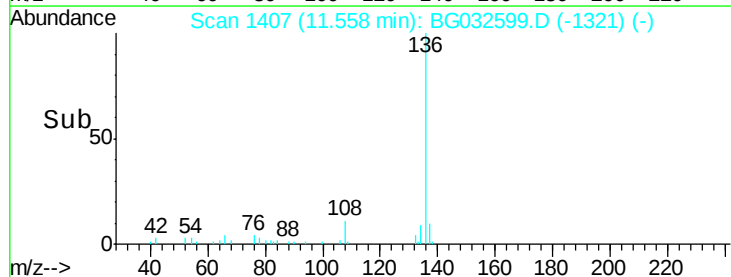
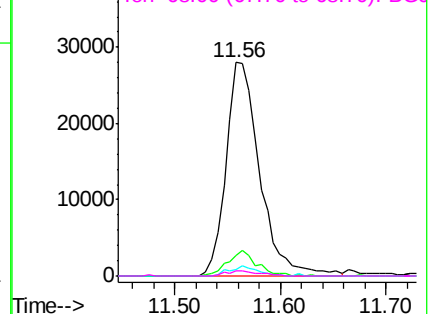
137 9.8 9.2 13.8

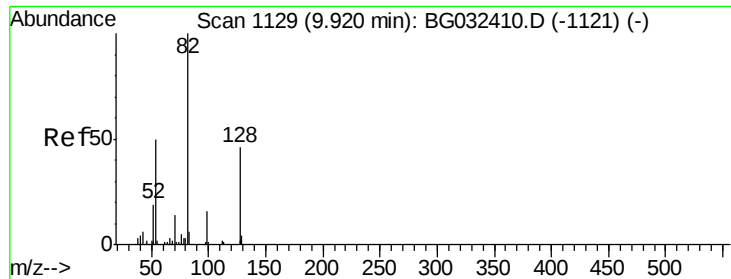
54 3.2 10.3 15.5#

68 2.3 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

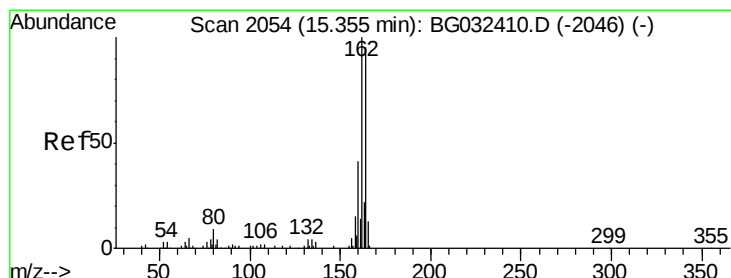
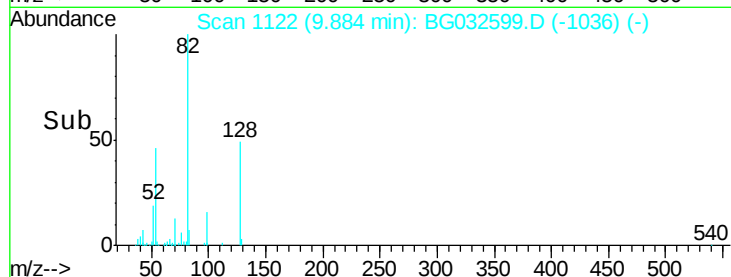
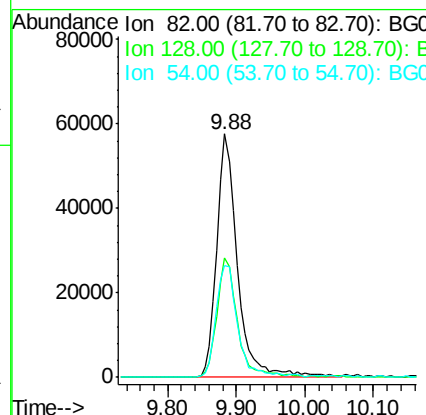
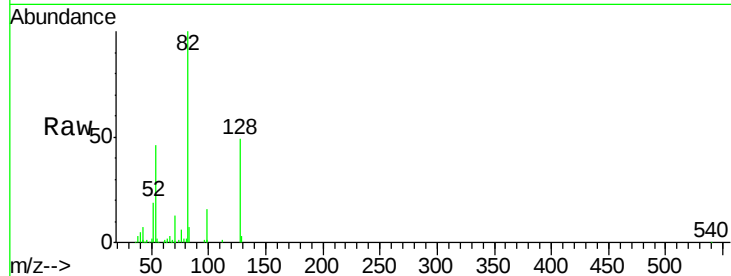




#23
 Nitrobenzene-d5
 Concen: 122.037 ng
 RT: 9.88 min Scan# 1122
 Delta R.T. -0.03 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

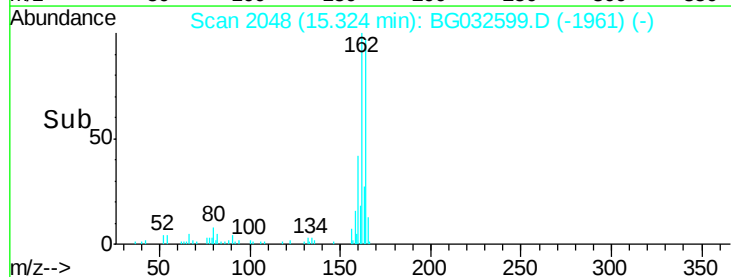
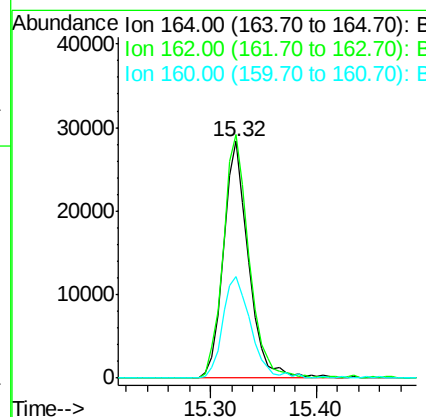
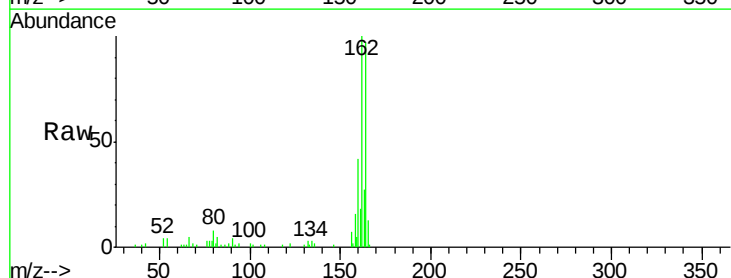
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-020618-B

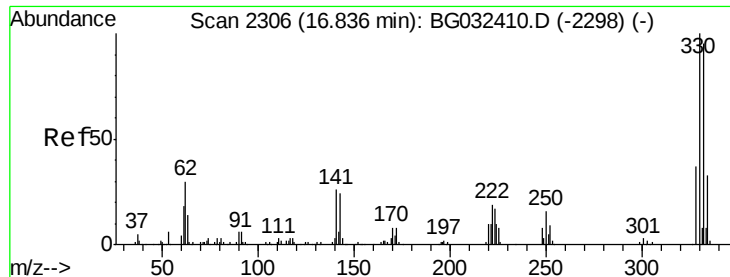
Tot Ion	82	Resp	121288
Ion Ratio	Lower	Upper	
82	100		
128	49.3	29.7	44.5#
54	45.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG032599.D
 Acq: 7 Feb 2018 18:27

Tgt Ion	164	Resp	46687
Ion Ratio	Lower	Upper	
164	100		
162	102.7	78.8	118.2
160	43.1	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 203.632 ng

RT: 16.80 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Instrument :

BNA_G

ClientSampleId :

EO-01-020618-B

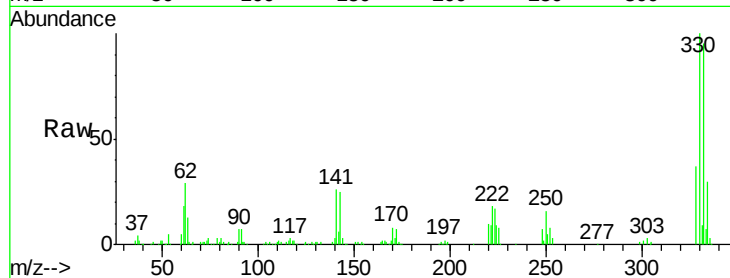
Tot Ion:330 Resp: 180965

Ion Ratio Lower Upper

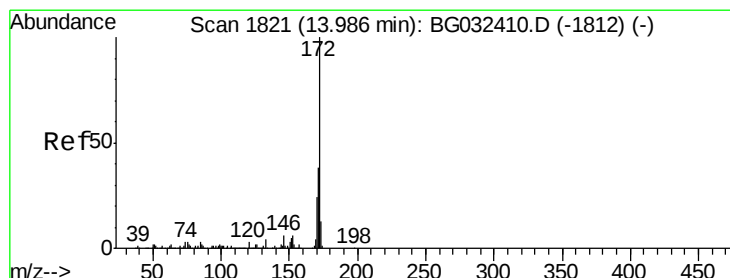
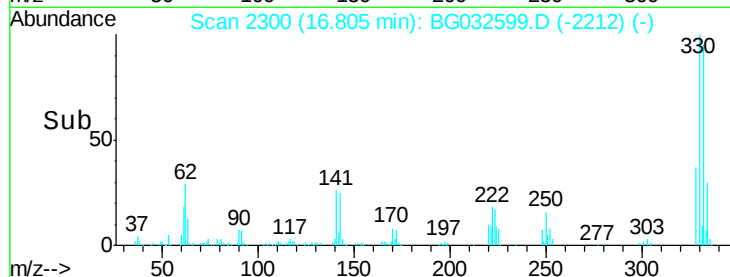
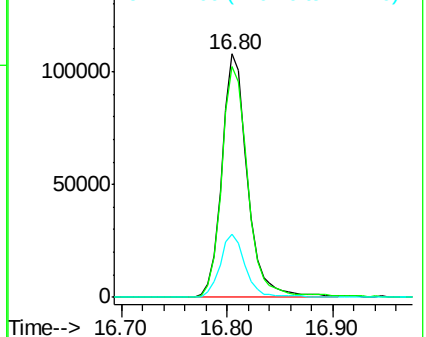
330 100

332 96.1 77.0 115.6

141 25.4 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: 105.505 ng

RT: 13.94 min Scan# 1813

Delta R.T. -0.03 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

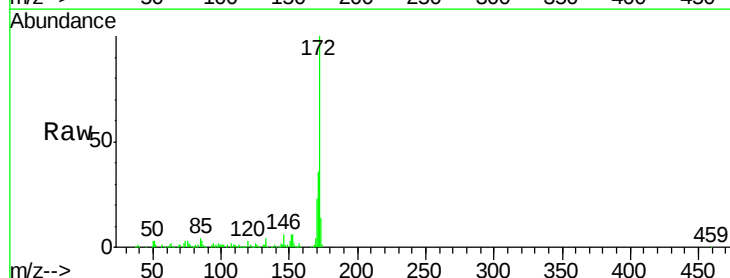
Tgt Ion:172 Resp: 414423

Ion Ratio Lower Upper

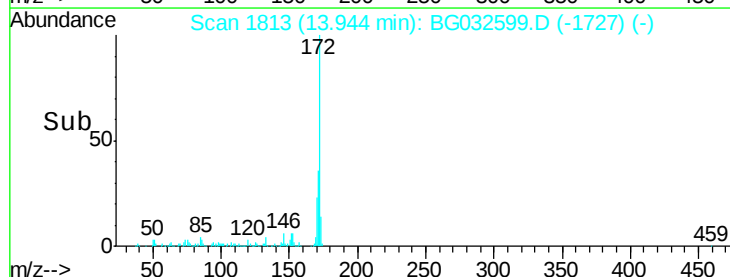
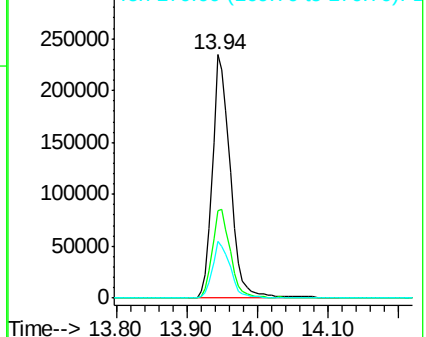
172 100

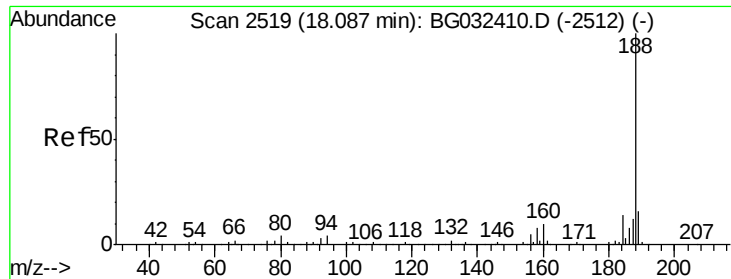
171 35.9 30.0 45.0

170 23.5 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. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Instrument :

BNA_G

ClientSampleId :

EO-01-020618-B

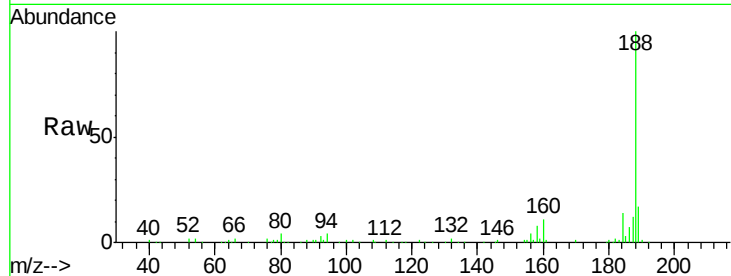
Tot Ion:188 Resp: 130580

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

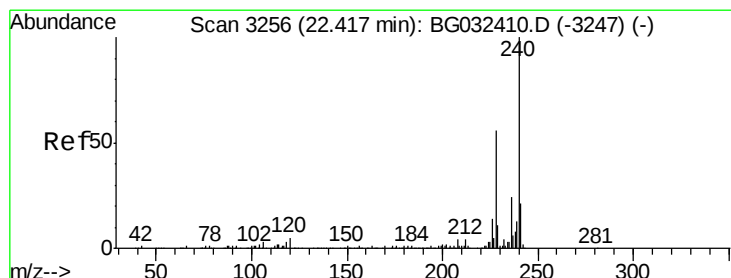
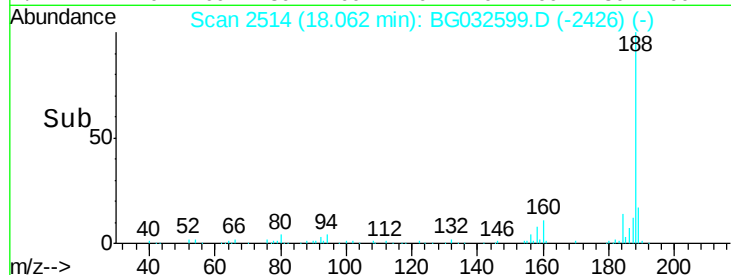
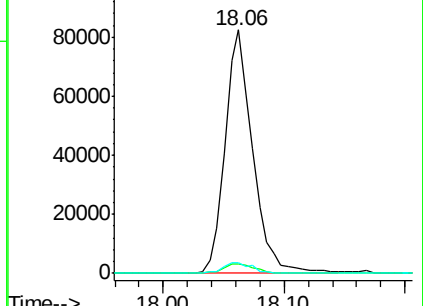
80 4.2 7.7 11.5#



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: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

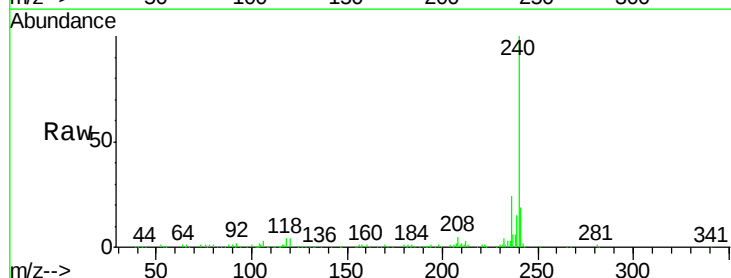
Tgt Ion:240 Resp: 205228

Ion Ratio Lower Upper

240 100

120 3.6 6.8 10.2#

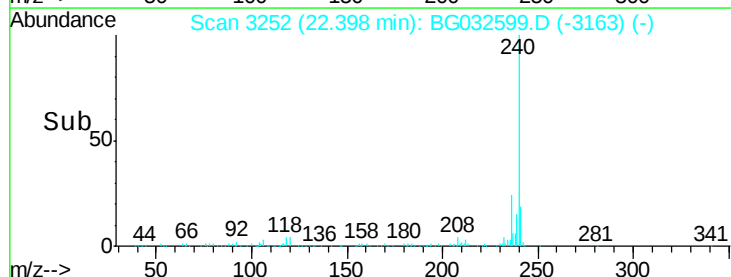
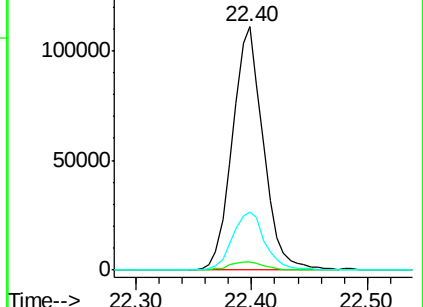
236 24.1 20.9 31.3

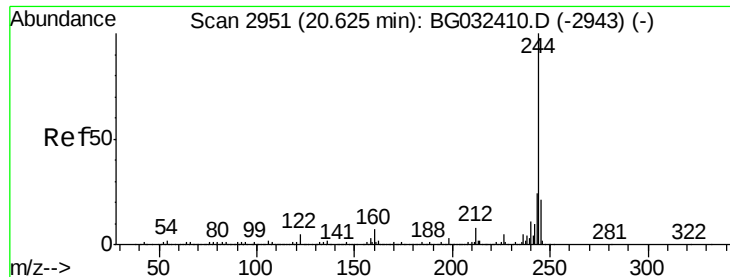


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.129 ng

RT: 20.61 min Scan# 2947

Delta R.T. -0.01 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

Instrument :

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ClientSampleId :

EO-01-020618-B

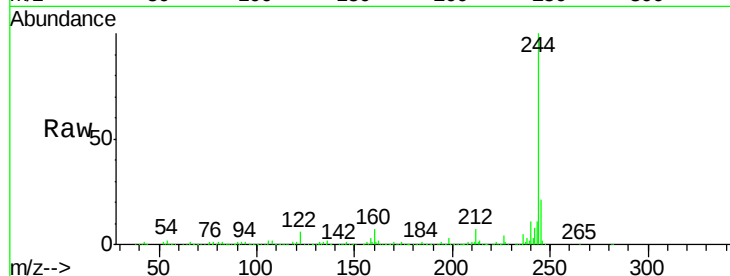
Tot Ion:244 Resp: 1016802

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

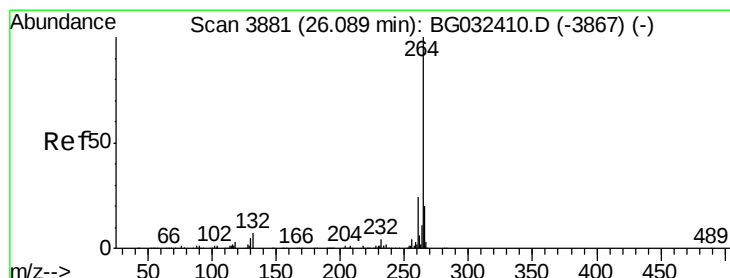
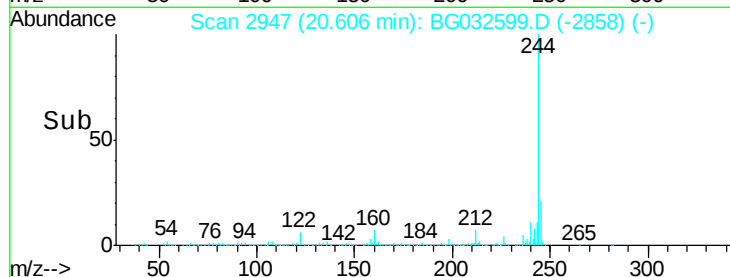
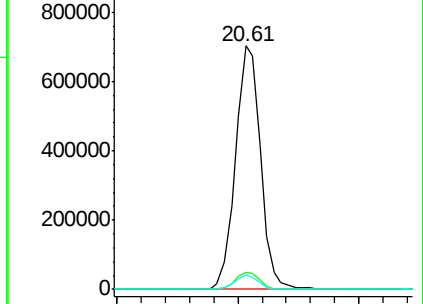
122 5.8 7.0 10.4#



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: 26.06 min Scan# 3876

Delta R.T. -0.00 min

Lab File: BG032599.D

Acq: 7 Feb 2018 18:27

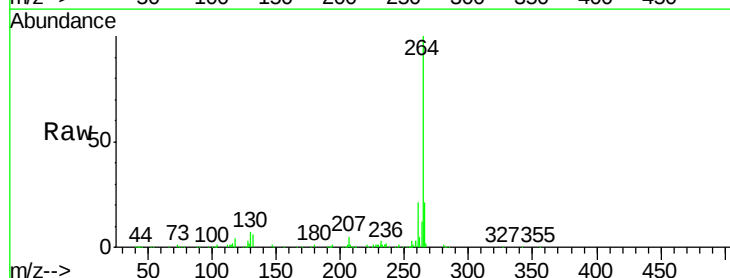
Tgt Ion:264 Resp: 219535

Ion Ratio Lower Upper

264 100

260 21.0 17.4 26.0

265 21.2 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

