

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020718\
 Data File : BG032596.D
 Acq On : 7 Feb 2018 16:34
 Operator : SJ/JU
 Sample : J1400-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Feb 08 03:23:55 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	22022	20.00	ng	-0.02
21) Naphthalene-d8	11.57	136	83657	20.00	ng	-0.02
38) Acenaphthene-d10	15.33	164	60098	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	165757	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	209315	20.00	ng	0.00
86) Perylene-d12	26.08	264	224504	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.13	112	140095	127.78	ng	-0.01
7) Phenol-d6	7.81	99	150303	102.73	ng	-0.02
23) Nitrobenzene-d5	9.89	82	107761	80.46	ng	-0.02
41) 2,4,6-Tribromophenol	16.81	330	188383	164.68	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	464858	91.94	ng	-0.02
78) Terphenyl-d14	20.61	244	1059246	108.40	ng	0.00

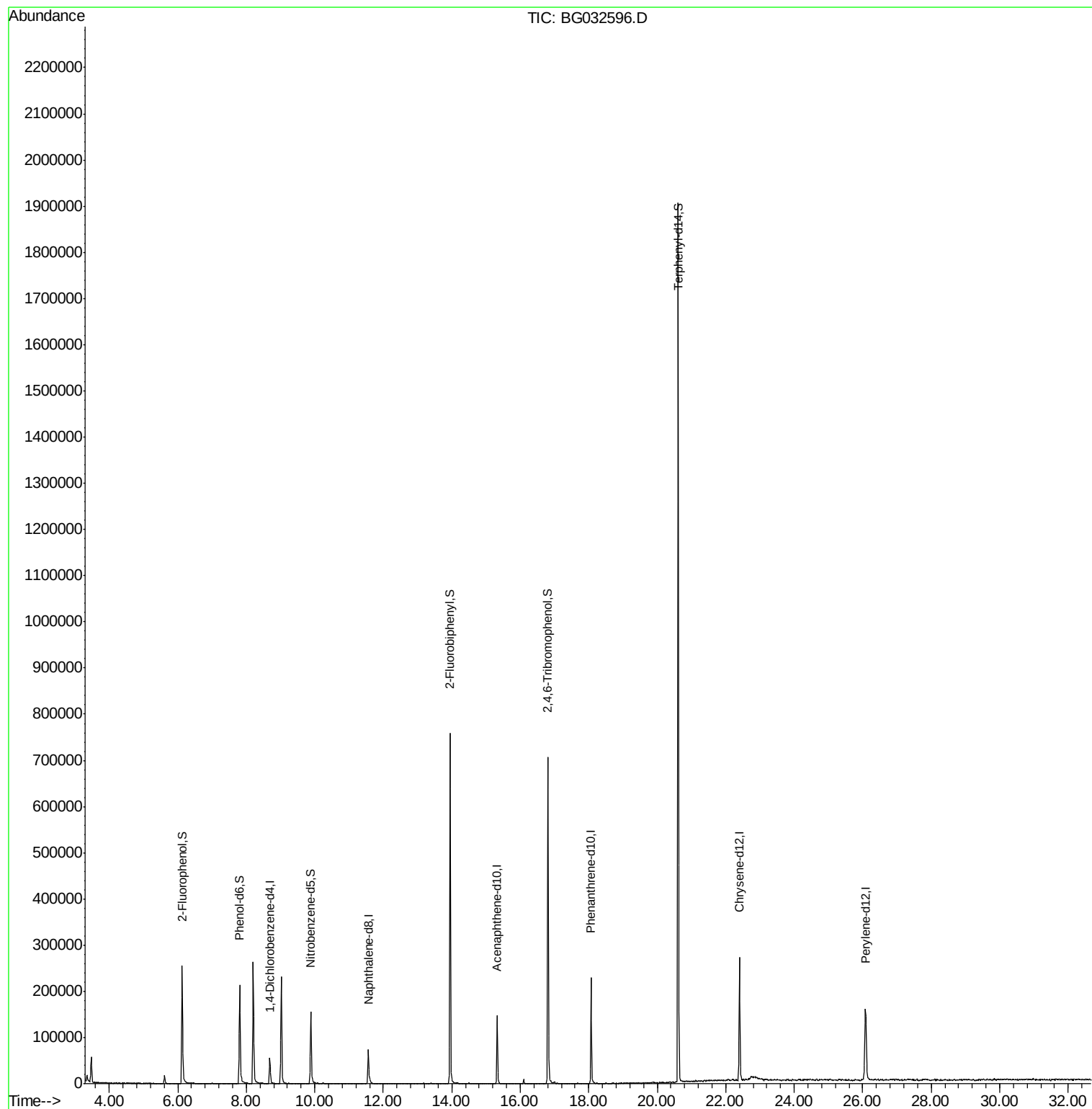
Target Compounds Qvalue

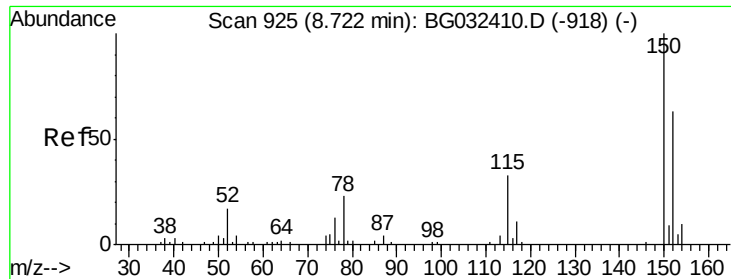
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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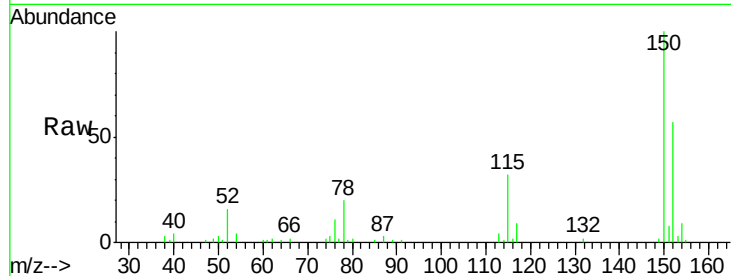


#1

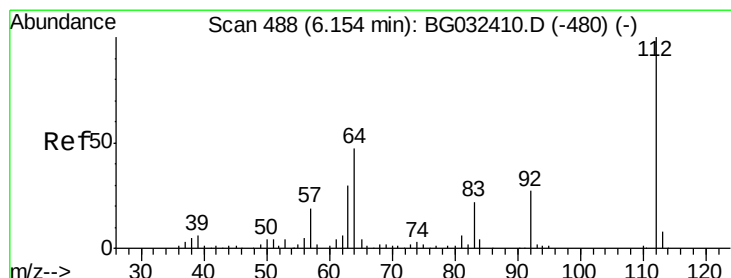
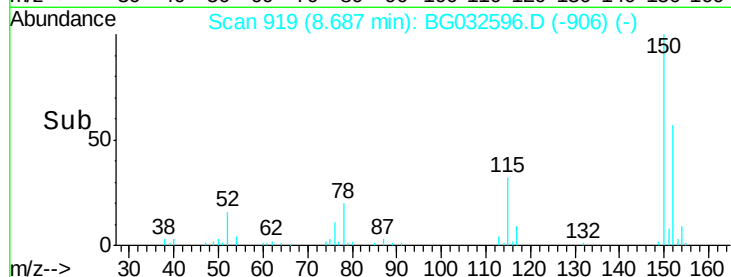
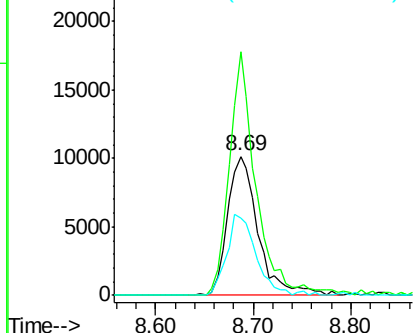
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

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

Tot Ion:152 Resp: 22022
Ion Ratio Lower Upper
152 100
150 175.3 126.6 189.8
115 55.6 53.0 79.4



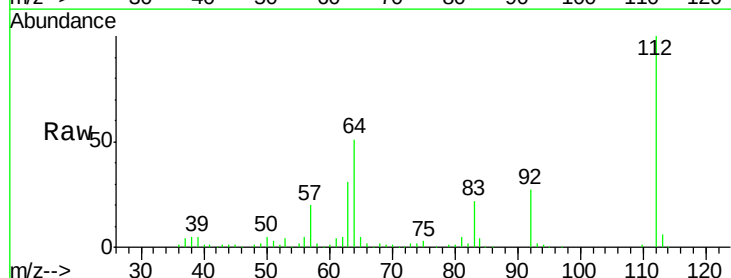
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



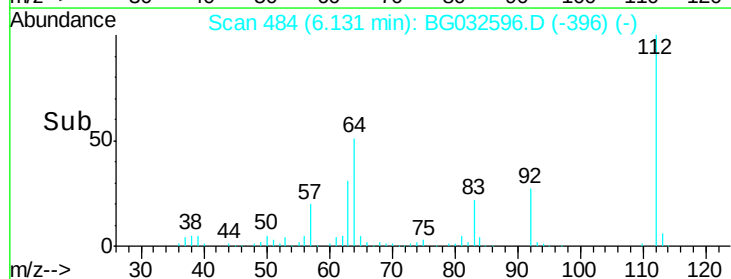
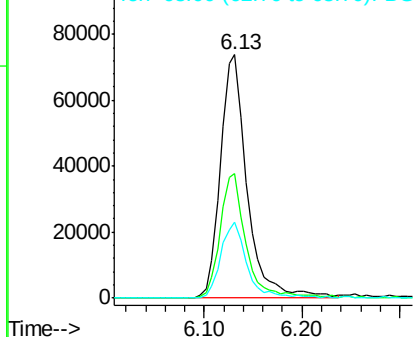
#5

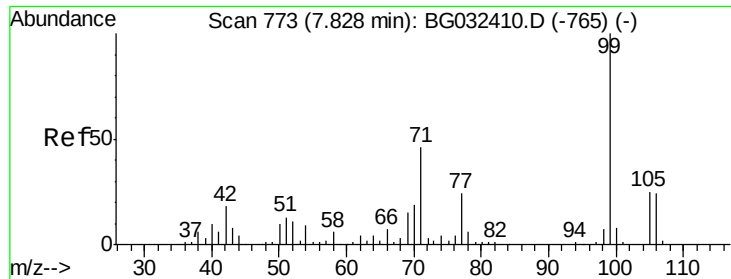
2-Fluorophenol
Concen: 127.776 ng
RT: 6.13 min Scan# 484
Delta R.T. -0.01 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

Tgt Ion:112 Resp: 140095
Ion Ratio Lower Upper
112 100
64 51.1 56.3 84.5#
63 31.0 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: 102.732 ng

RT: 7.81 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

EO-01-020618-A

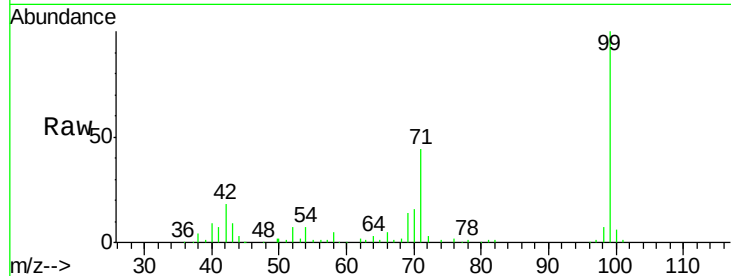
Tot Ion: 99 Resp: 150303

Ion Ratio Lower Upper

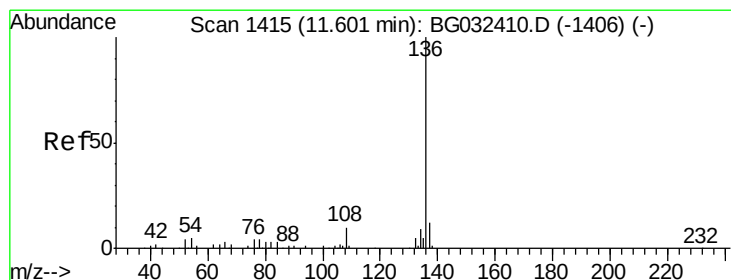
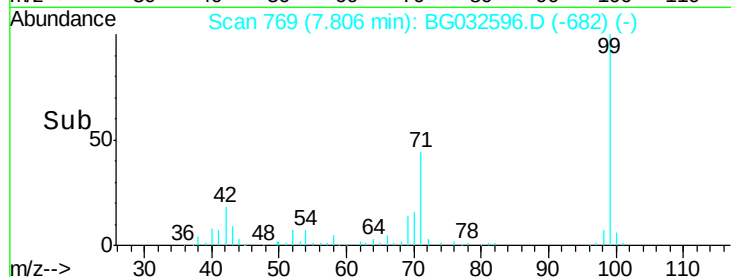
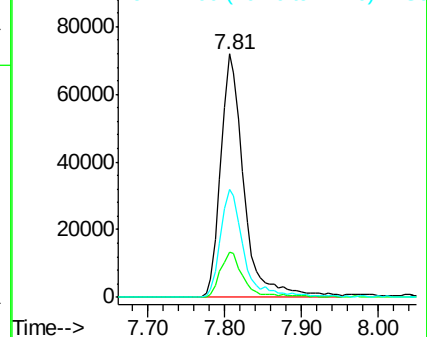
99 100

42 18.3 14.1 21.1

71 44.1 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: 11.57 min Scan# 1409

Delta R.T. -0.02 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Tgt Ion:136 Resp: 83657

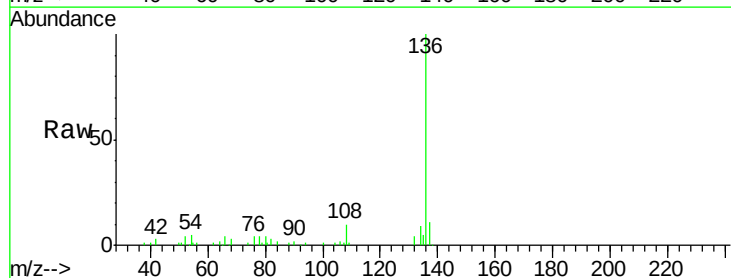
Ion Ratio Lower Upper

136 100

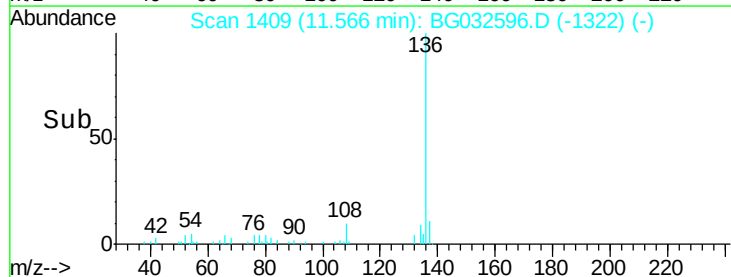
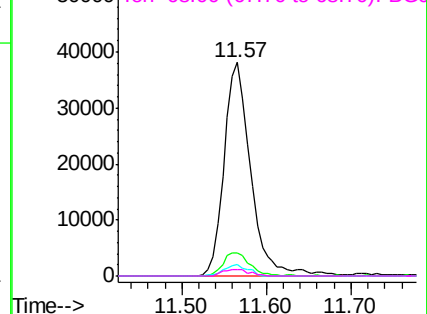
137 10.7 9.2 13.8

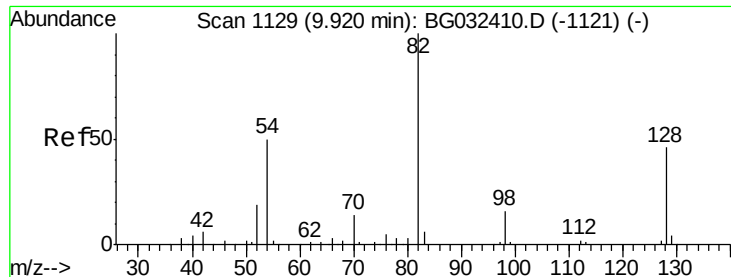
54 5.2 10.3 15.5#

68 2.9 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

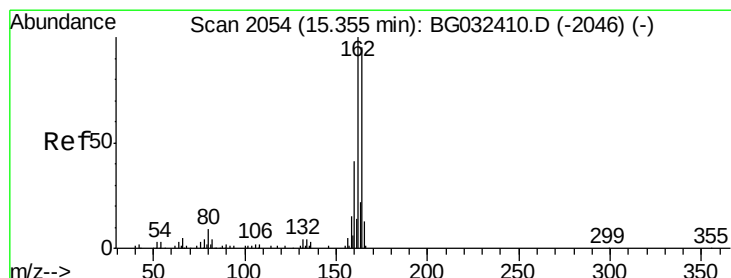
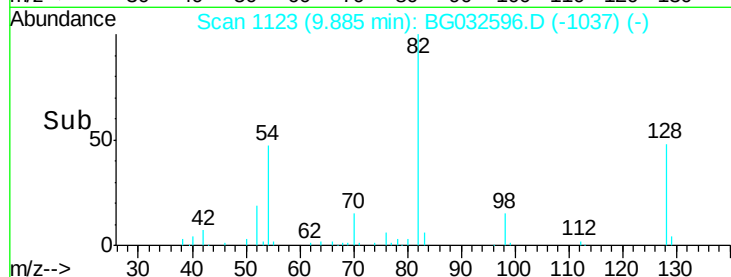
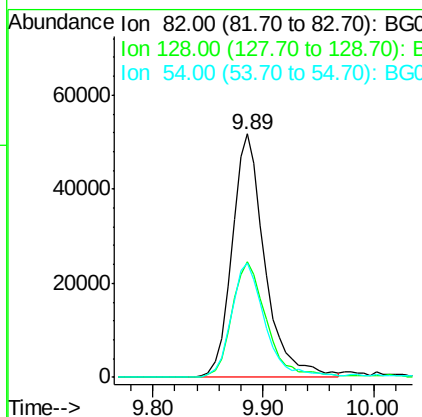
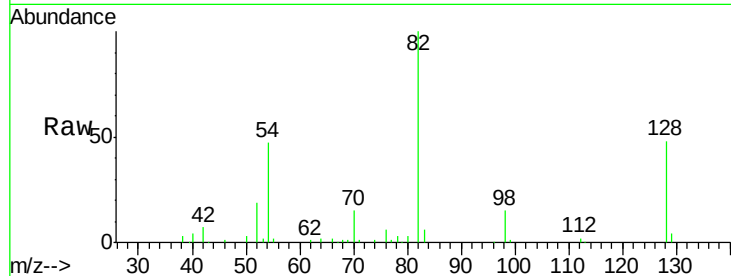




#23
Nitrobenzene-d5
Concen: 80.457 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

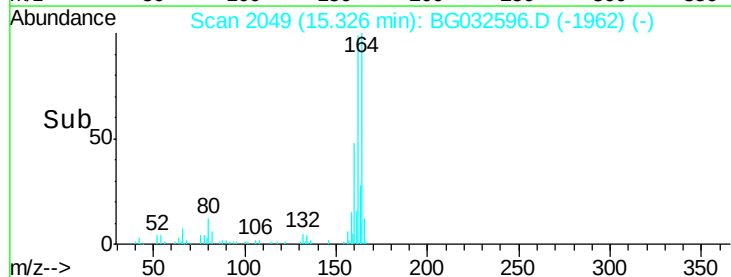
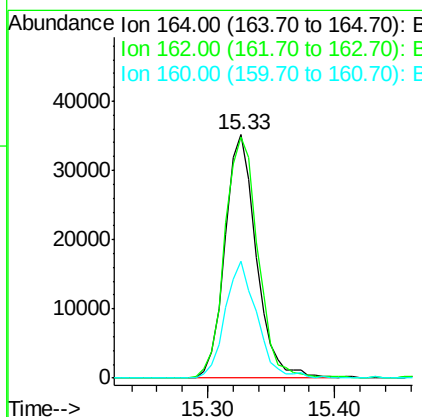
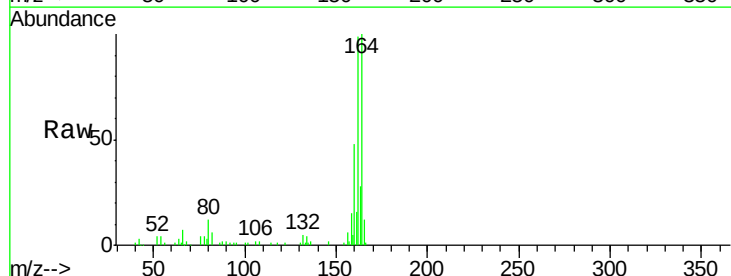
Instrument :
BNA_G
ClientSampleId :
EO-01-020618-A

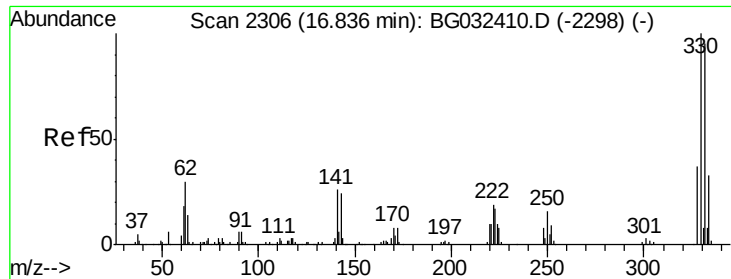
Tot Ion	82	Resp	107761
Ion Ratio	Lower	Upper	
82	100		
128	47.6	29.7	44.5#
54	47.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.33 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BG032596.D
Acq: 7 Feb 2018 16:34

Tgt Ion	164	Resp	60098
Ion Ratio	Lower	Upper	
164	100		
162	98.7	78.8	118.2
160	47.9	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 164.675 ng

RT: 16.81 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

EO-01-020618-A

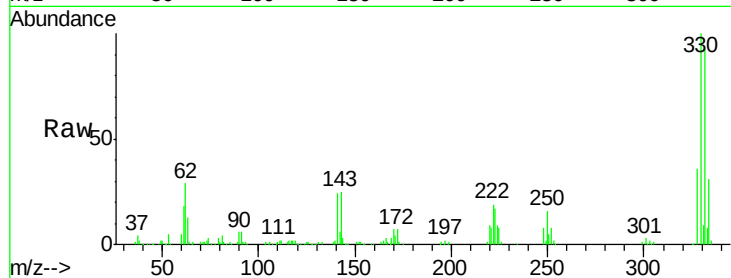
Tot Ion:330 Resp: 188383

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

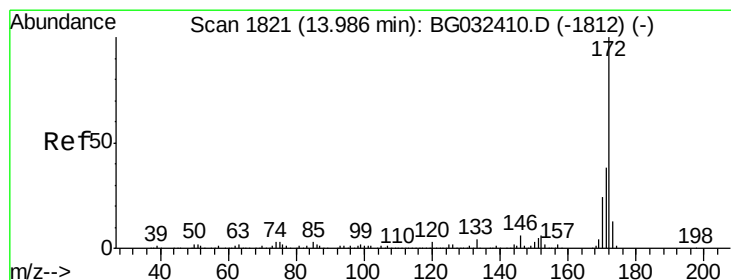
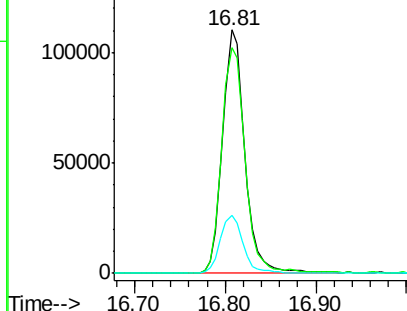
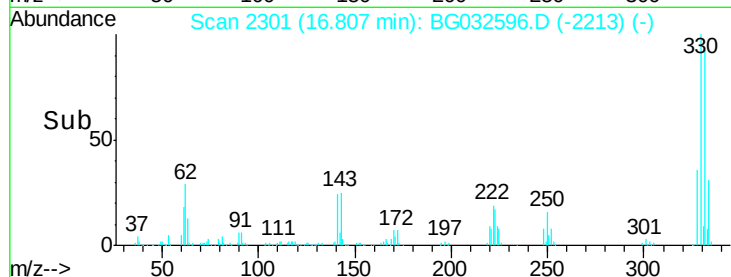
141 24.5 25.2 37.8#



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: 91.936 ng

RT: 13.95 min Scan# 1815

Delta R.T. -0.02 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

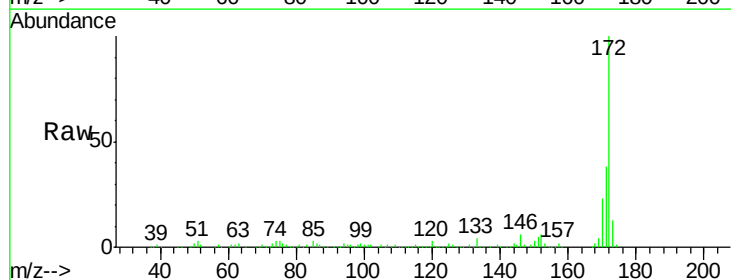
Tgt Ion:172 Resp: 464858

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

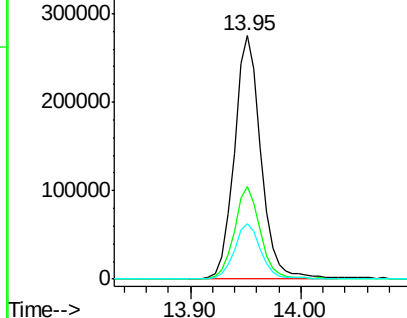
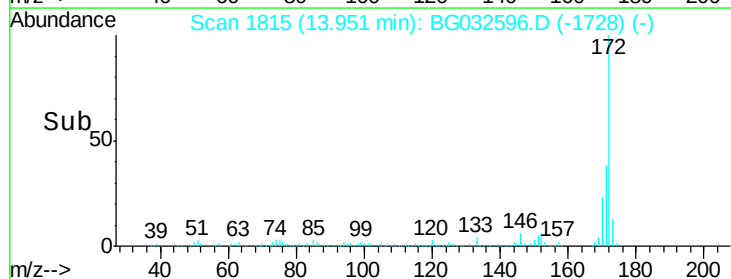
170 23.0 19.5 29.3

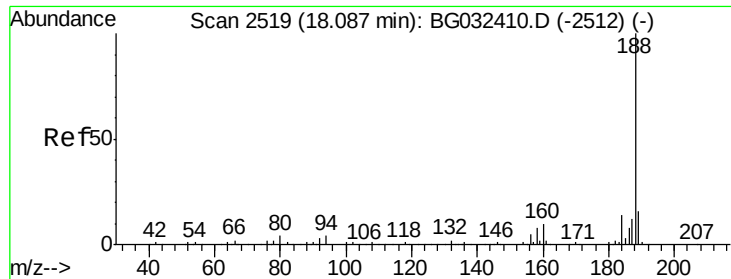


Abundance Ion 172.00 (171.70 to 172.70): E

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: 18.06 min Scan# 2515

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

BNA_G

ClientSampleId :

EO-01-020618-A

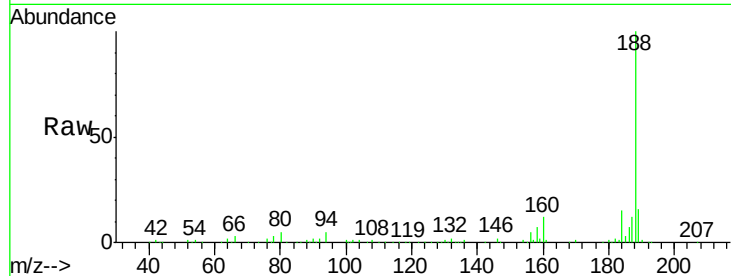
Tot Ion:188 Resp: 165757

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

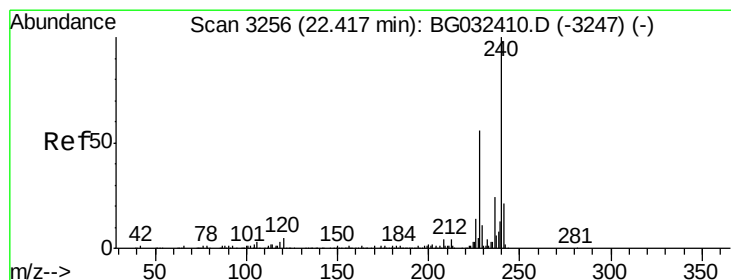
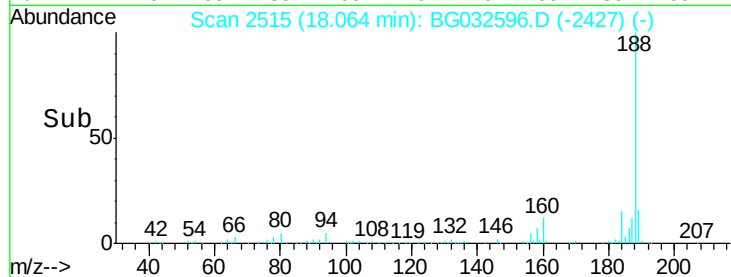
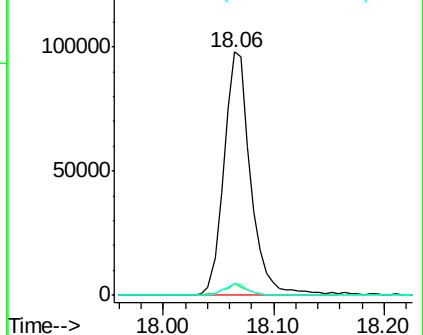
80 4.9 7.7 11.5#



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# 3253

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

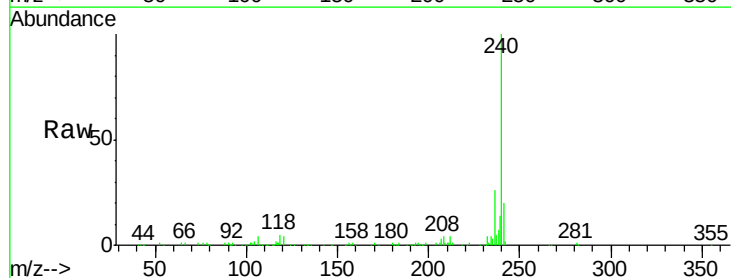
Tgt Ion:240 Resp: 209315

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

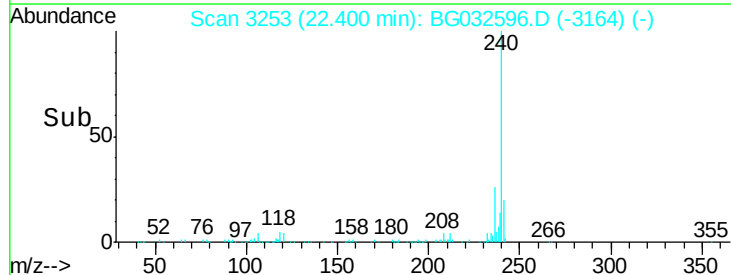
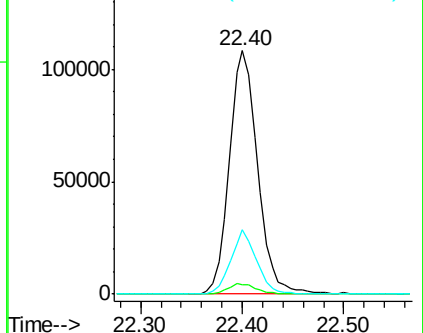
236 26.4 20.9 31.3

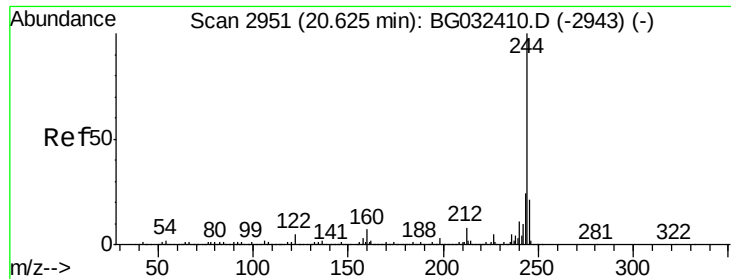


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.401 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Instrument :

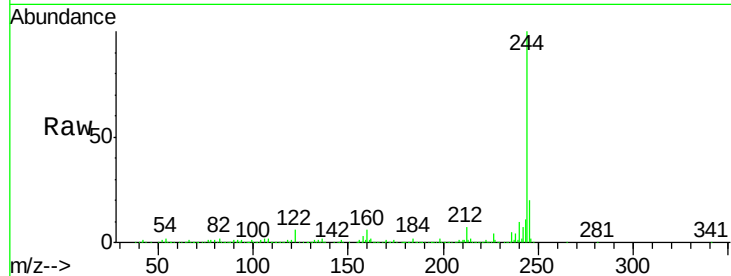
BNA_G

ClientSampleId :

EO-01-020618-A

Tot Ion:244 Resp: 1059246

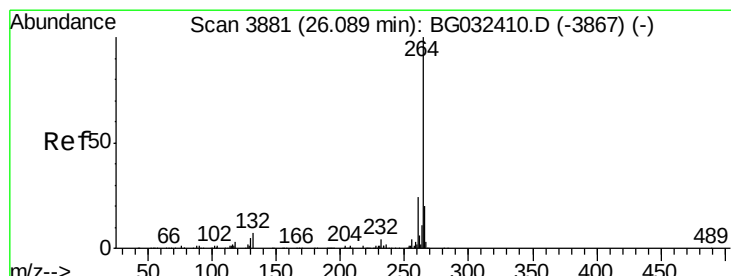
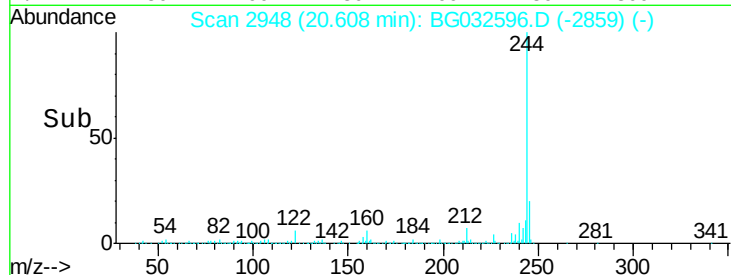
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	5.8	7.0	10.4



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: 26.08 min Scan# 3879

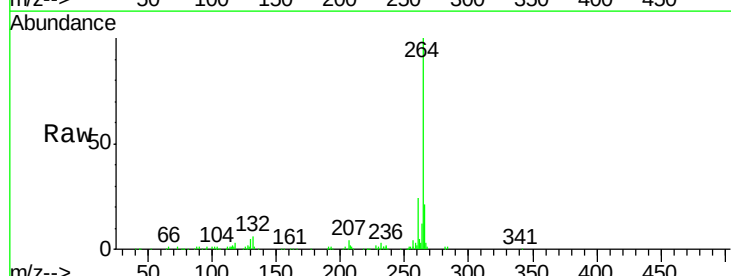
Delta R.T. 0.01 min

Lab File: BG032596.D

Acq: 7 Feb 2018 16:34

Tgt Ion:264 Resp: 224504

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	21.4	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

