

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032445.D
 Acq On : 30 Jan 2018 17:04
 Operator : SJ/JU
 Sample : J1019-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-012918-A

Quant Time: Jan 31 01:23:44 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	23963	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	85590	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	61548	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	184440	20.00	ng	0.00
75) Chrysene-d12	22.41	240	262333	20.00	ng	0.00
86) Perylene-d12	26.08	264	261887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	159092	133.35	ng	0.00
7) Phenol-d6	7.84	99	173888	109.22	ng	0.00
23) Nitrobenzene-d5	9.91	82	141192	103.04	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	206805	176.52	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	505345	97.59	ng	-0.01
78) Terphenyl-d14	20.62	244	1274904	104.10	ng	0.00

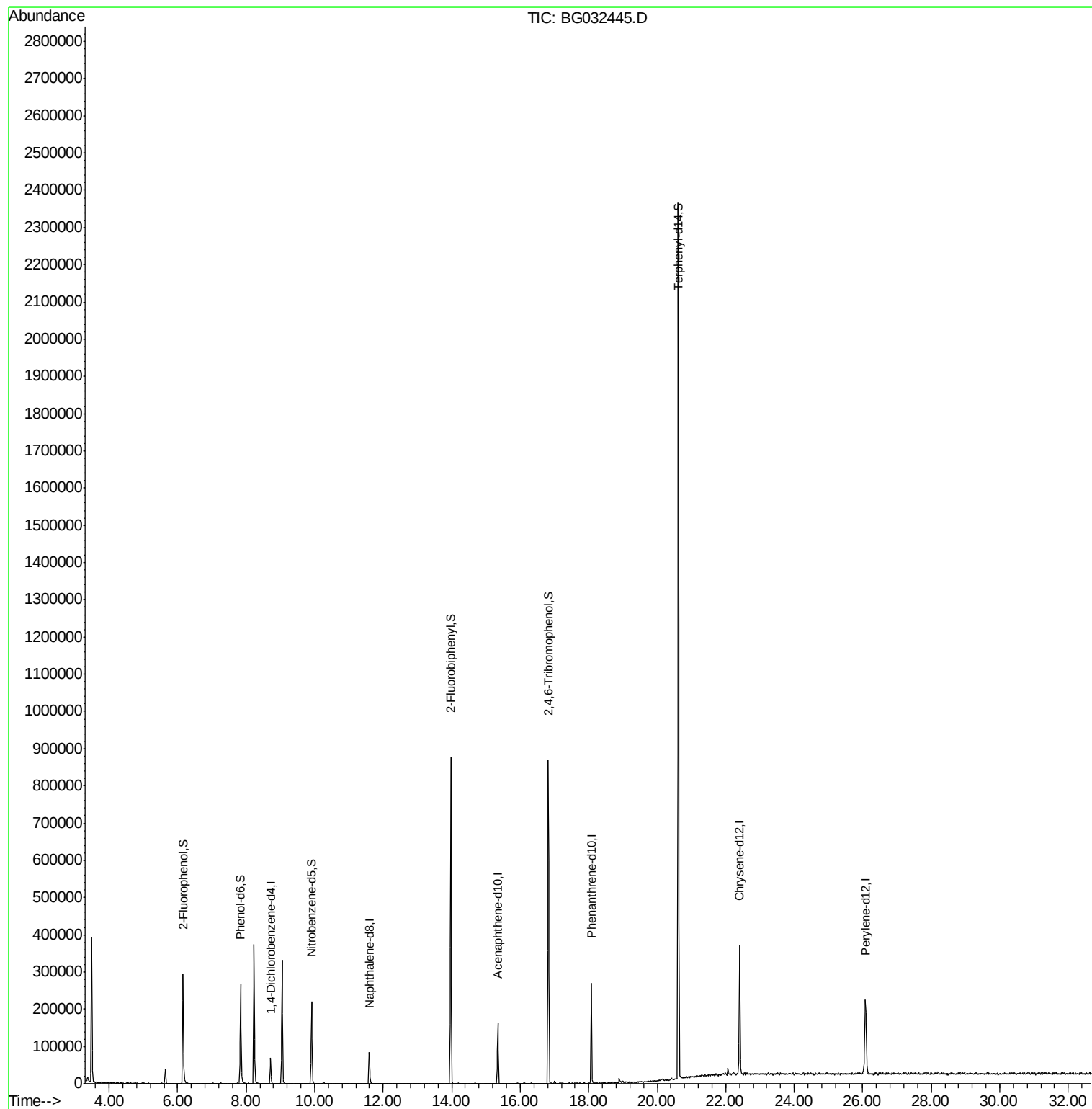
Target Compounds	Qvalue
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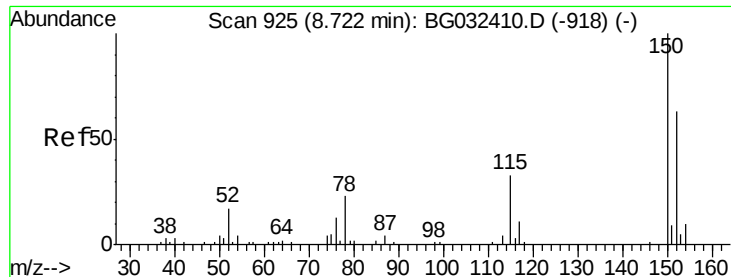
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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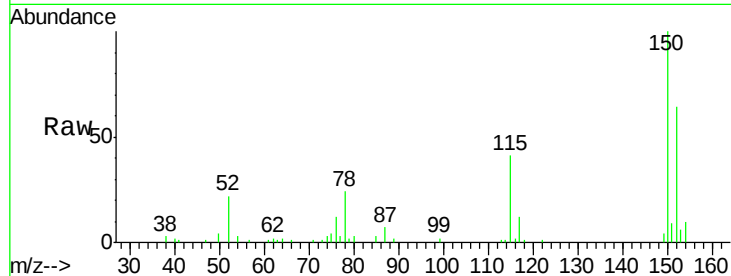


#1

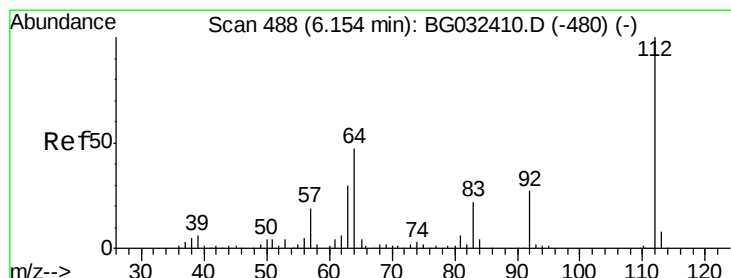
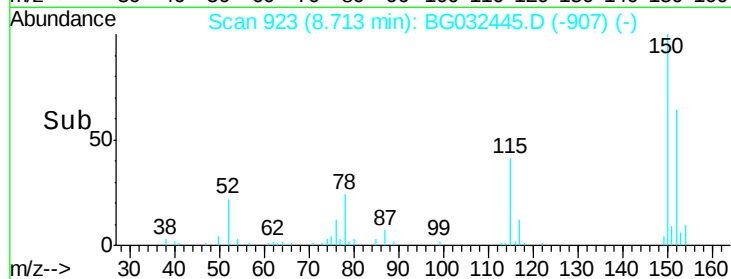
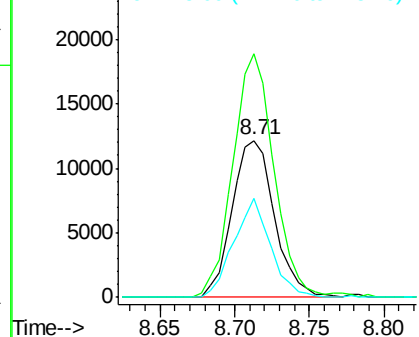
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032445.D
Acq: 30 Jan 2018 17:04

Instrument :
BNA_G
ClientSampleId :
EO-03-012918-A

Tgt Ion:152 Resp: 23963
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 62.8 53.0 79.4



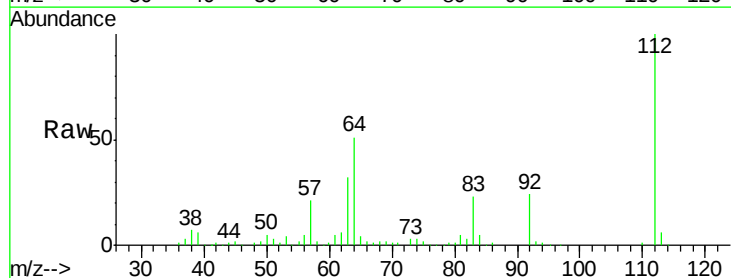
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



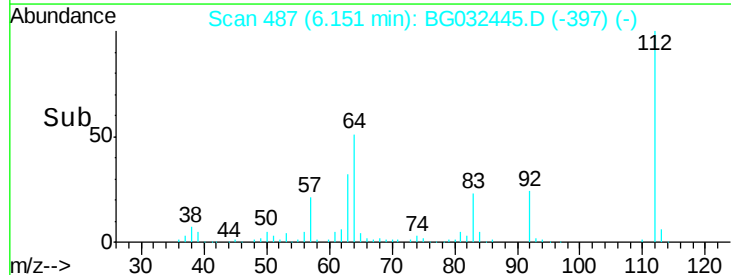
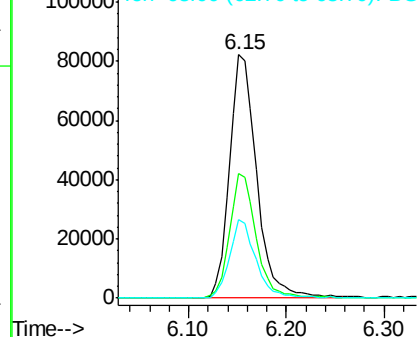
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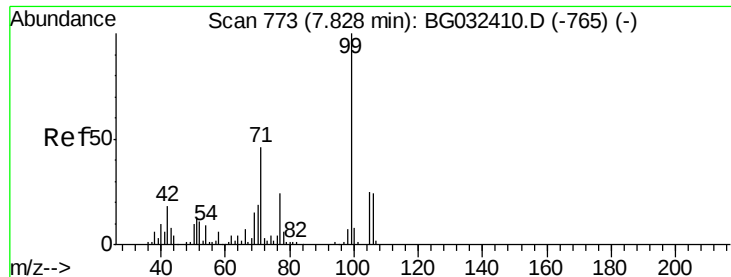
2-Fluorophenol
Concen: 133.349 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032445.D
Acq: 30 Jan 2018 17:04

Tgt Ion:112 Resp: 159092
Ion Ratio Lower Upper
112 100
64 51.2 56.3 84.5#
63 32.1 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: 109.225 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

EO-03-012918-A

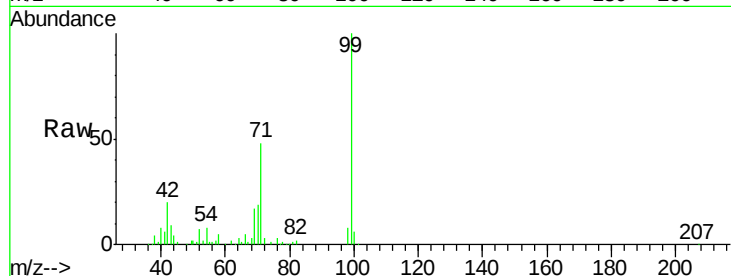
Tgt Ion: 99 Resp: 173888

Ion Ratio Lower Upper

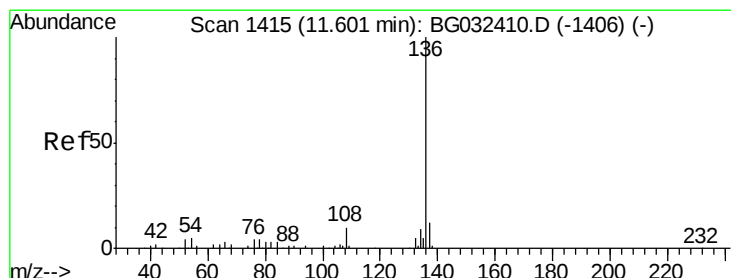
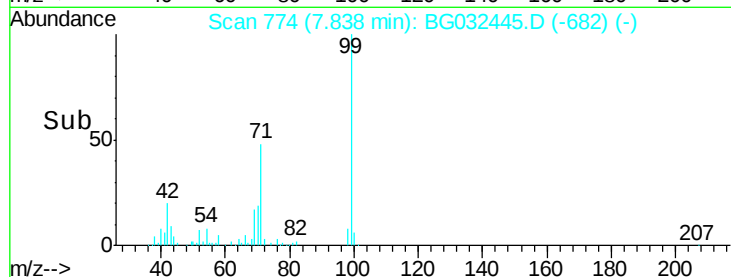
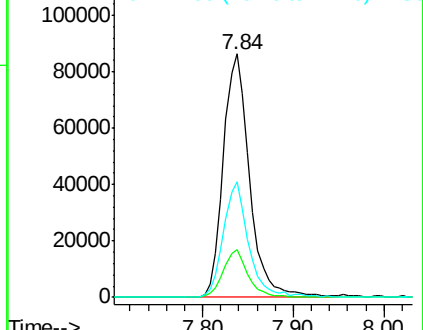
99 100

42 19.7 14.1 21.1

71 47.6 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

Tgt Ion: 136 Resp: 85590

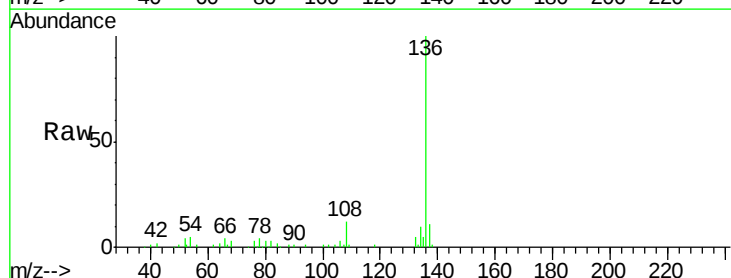
Ion Ratio Lower Upper

136 100

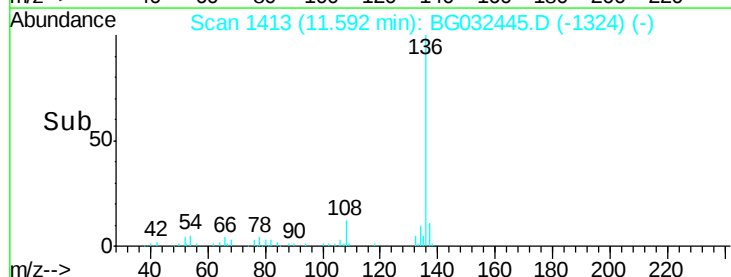
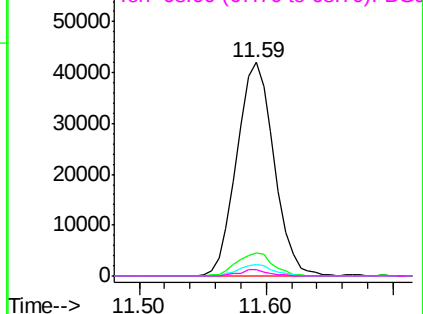
137 11.0 9.2 13.8

54 5.3 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

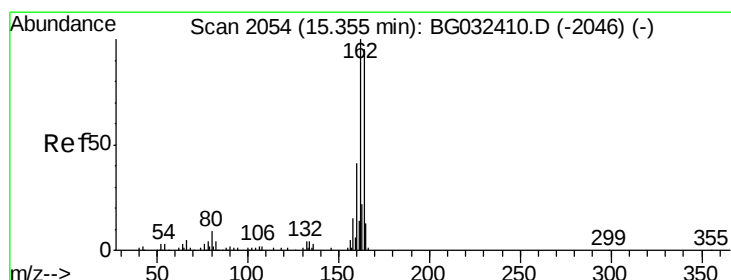
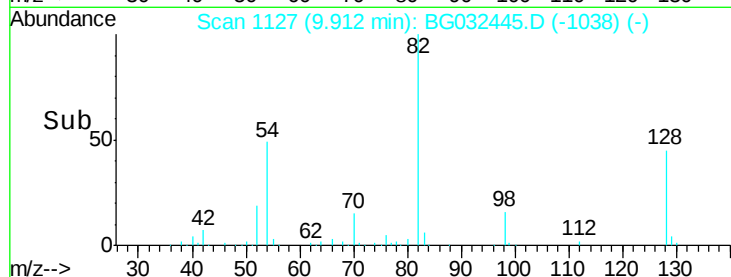
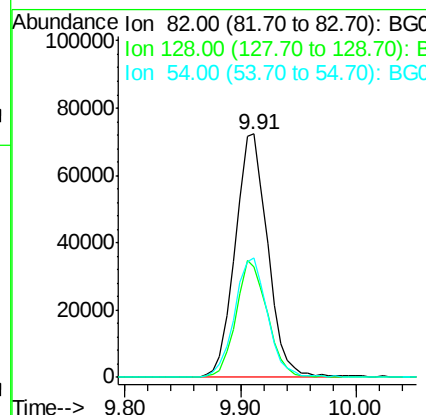
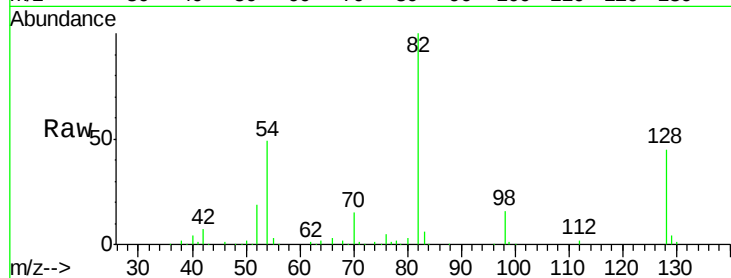




#23
 Nitrobenzene-d5
 Concen: 103.037 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032445.D
 Acq: 30 Jan 2018 17:04

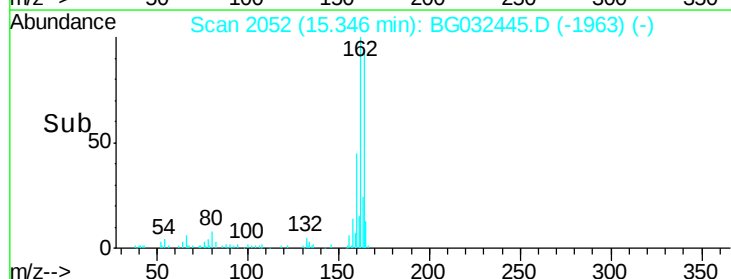
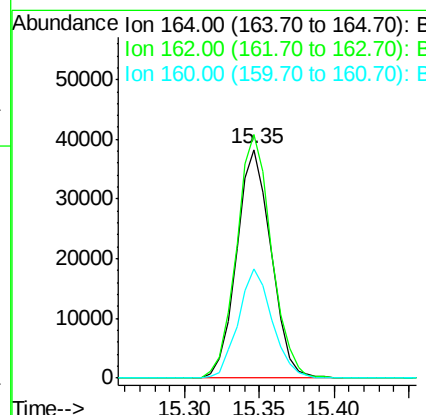
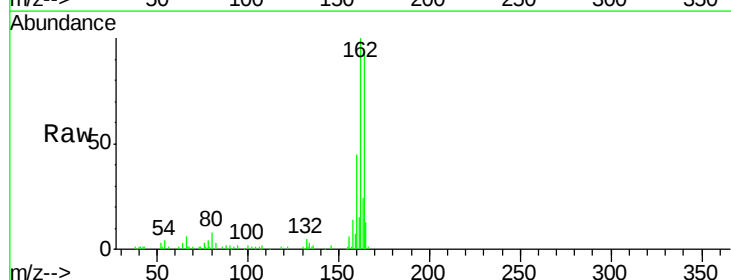
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-012918-A

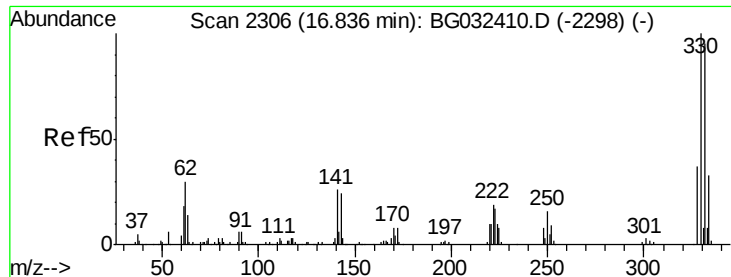
Tgt Ion: 82 Resp: 141192
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 48.8 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032445.D
 Acq: 30 Jan 2018 17:04

Tgt Ion: 164 Resp: 61548
 Ion Ratio Lower Upper
 164 100
 162 106.7 78.8 118.2
 160 47.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 176.520 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

EO-03-012918-A

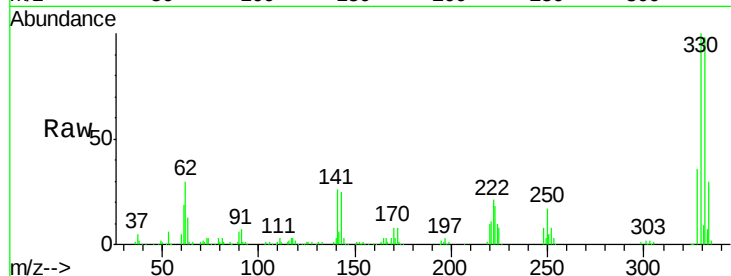
Tgt Ion:330 Resp: 206805

Ion Ratio Lower Upper

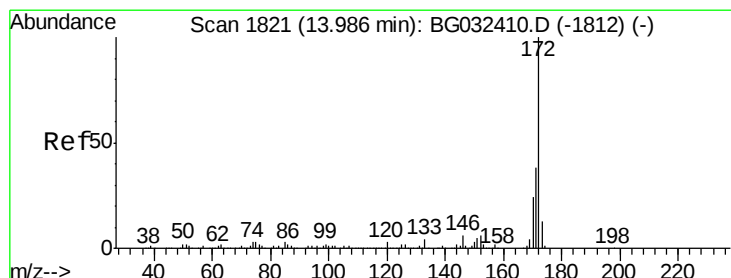
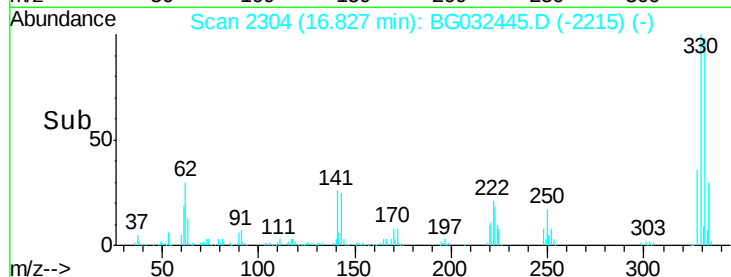
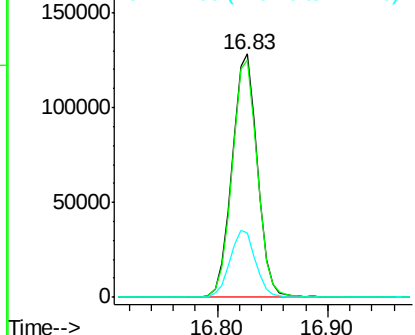
330 100

332 97.2 77.0 115.6

141 28.0 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: 97.588 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

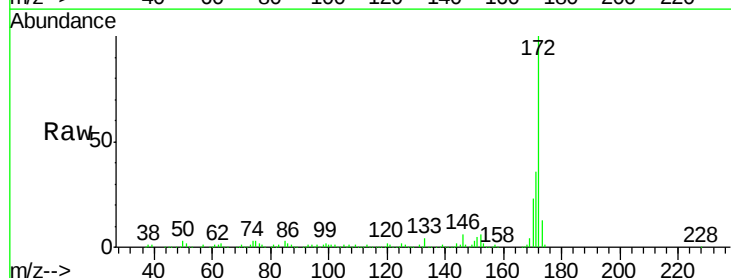
Tgt Ion:172 Resp: 505345

Ion Ratio Lower Upper

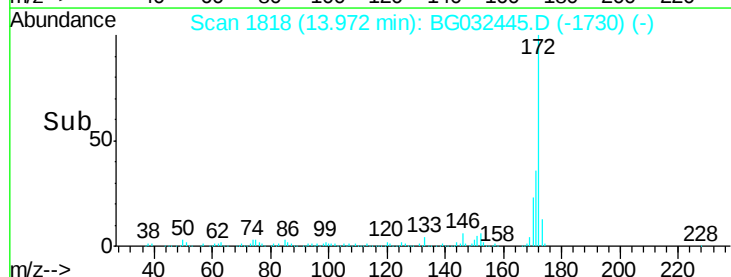
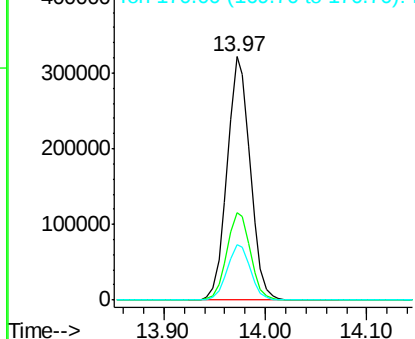
172 100

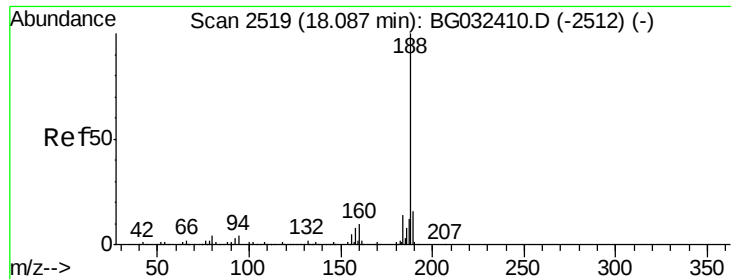
171 35.8 30.0 45.0

170 22.8 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: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

EO-03-012918-A

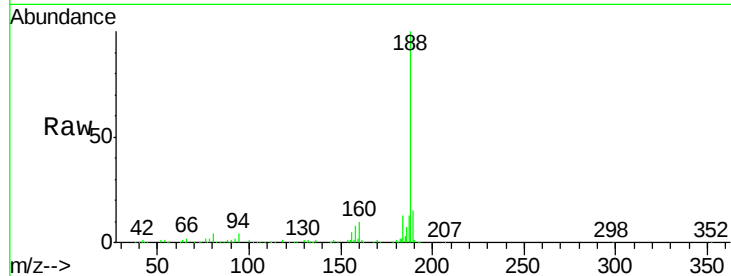
Tgt Ion:188 Resp: 184440

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

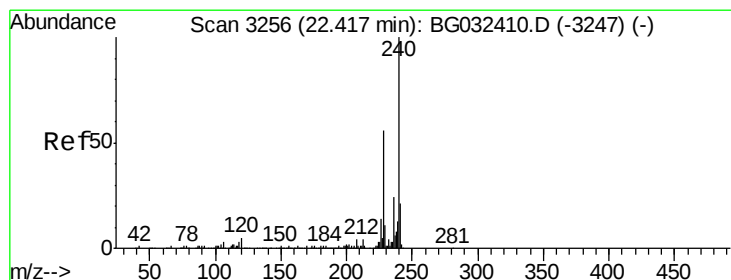
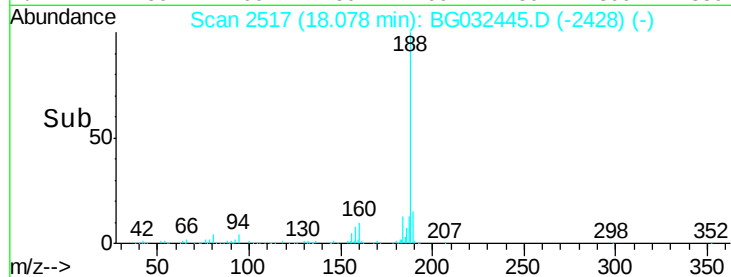
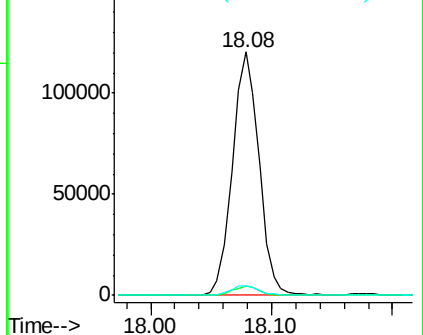
80 4.0 7.7 11.5#



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: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

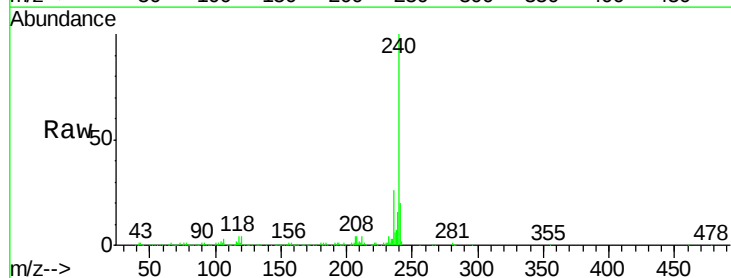
Tgt Ion:240 Resp: 262333

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

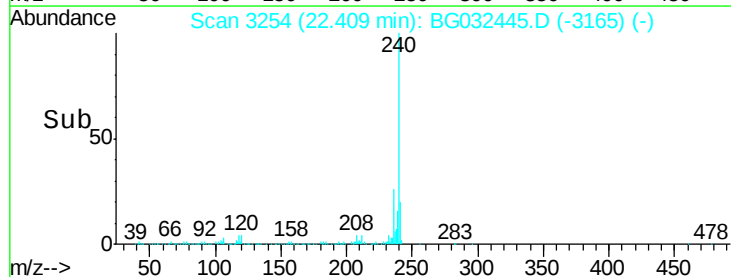
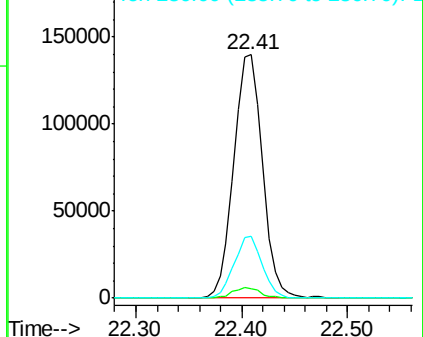
236 25.6 20.9 31.3

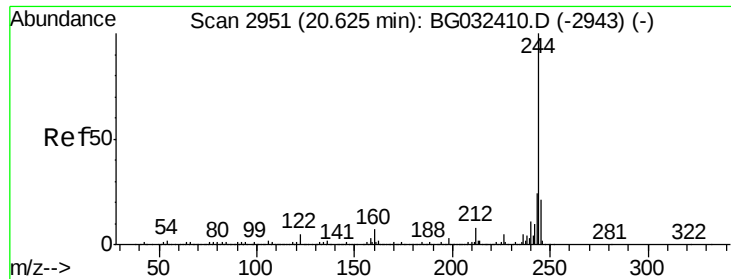


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.102 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032445.D

Acq: 30 Jan 2018 17:04

Instrument :

BNA_G

ClientSampleId :

EO-03-012918-A

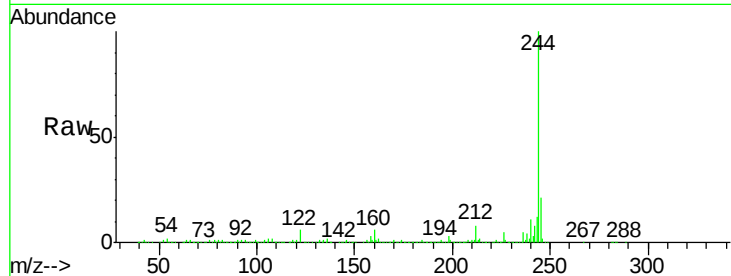
Tgt Ion:244 Resp: 1274904

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

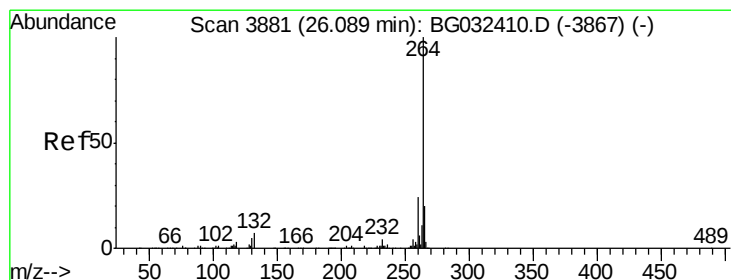
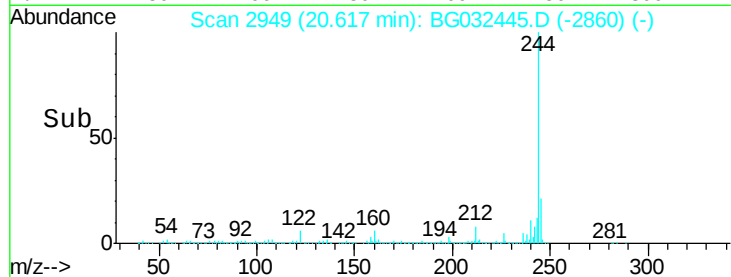
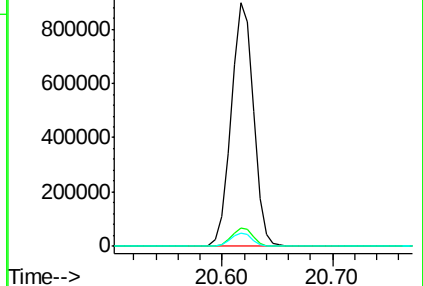
122 5.6 7.0 10.4#



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: BG032445.D

Acq: 30 Jan 2018 17:04

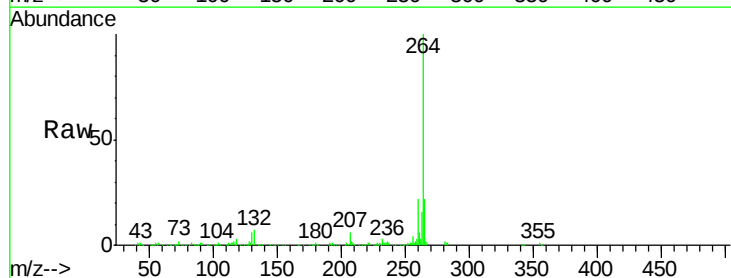
Tgt Ion:264 Resp: 261887

Ion Ratio Lower Upper

264 100

260 21.9 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

