

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032218\
 Data File : BG033293.D
 Acq On : 22 Mar 2018 14:11
 Operator : SJ/JU
 Sample : J1976-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 031618-TIDO-F-D-S

Quant Time: Mar 22 17:55:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 22 17:32:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	35897	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	155197	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	122816	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	320263	20.00	ng	0.00
75) Chrysene-d12	22.59	240	320265	20.00	ng	0.00
86) Perylene-d12	26.38	264	328388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	96562	50.44	ng	0.00
7) Phenol-d6	8.00	99	88681	26.96	ng	0.00
23) Nitrobenzene-d5	10.09	82	345045	102.15	ng	0.00
41) 2,4,6-Tribromophenol	16.98	330	178040	96.93	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	839464	98.67	ng	0.00
78) Terphenyl-d14	20.76	244	1466675	97.94	ng	0.00

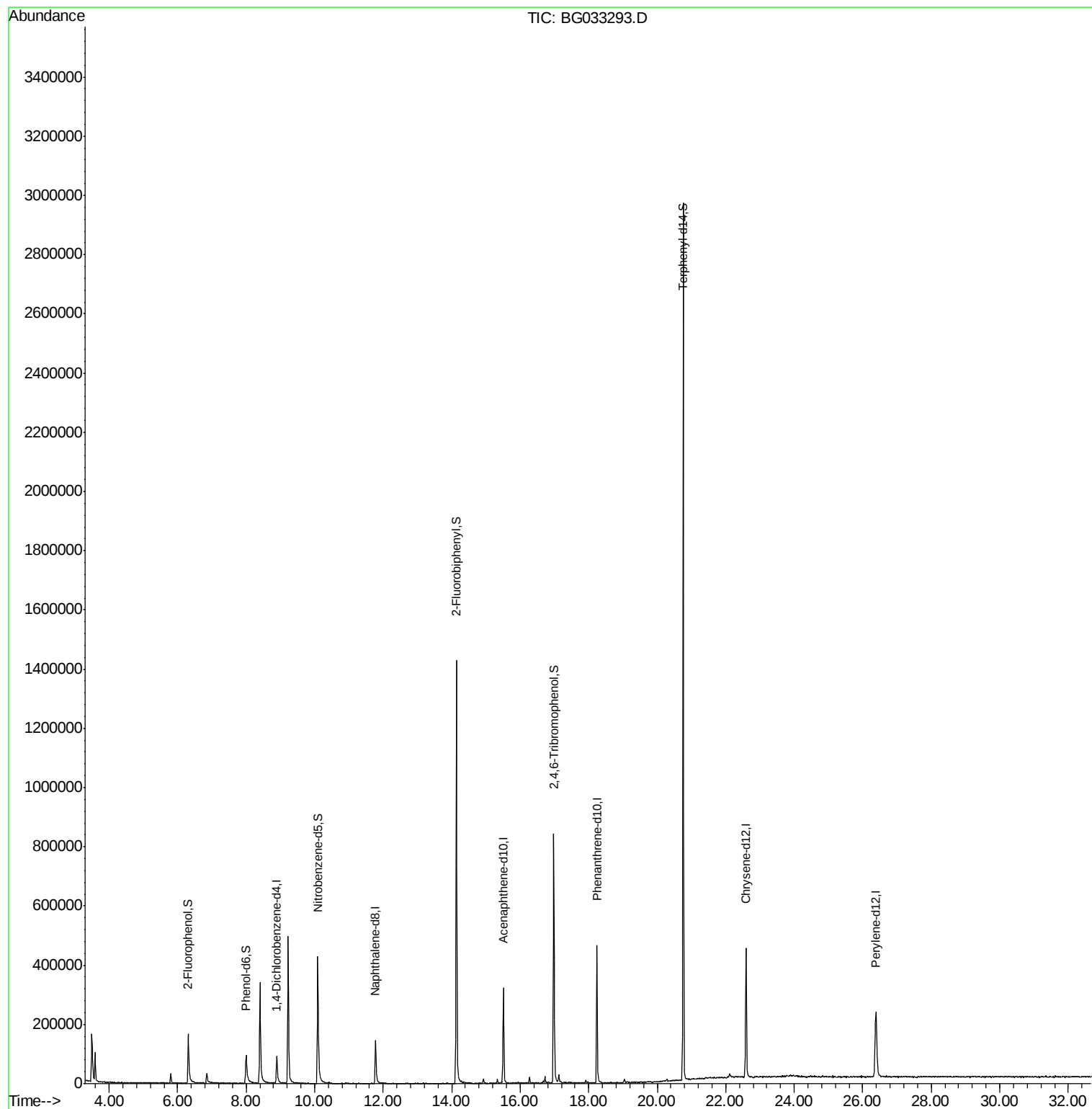
Target Compounds Qvalue

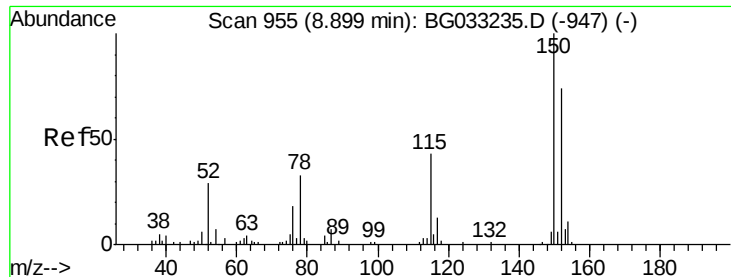
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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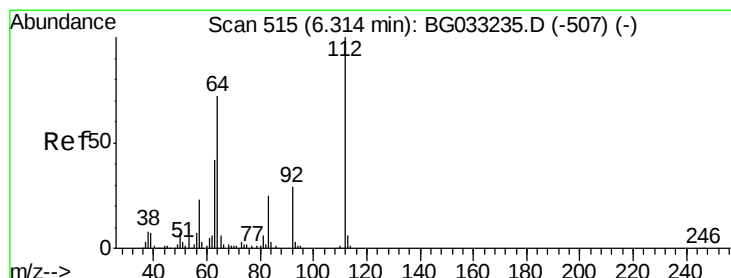
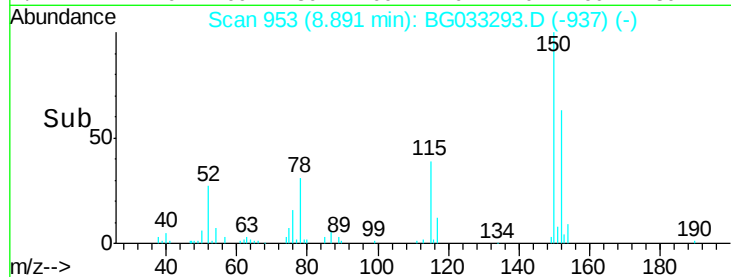
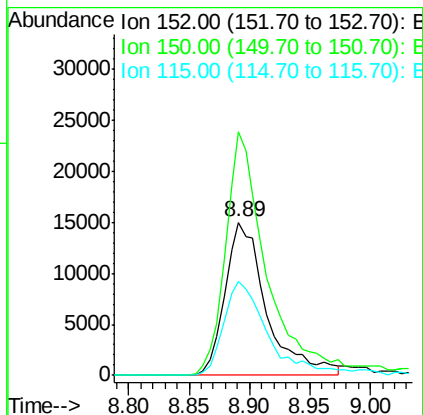
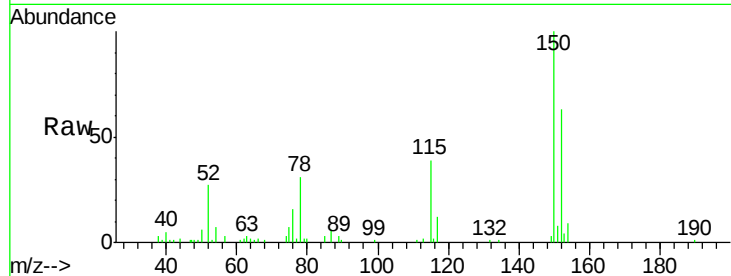


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG033293.D
Acq: 22 Mar 2018 14:11

Instrument :
BNA_G
ClientSampleId :
031618-TIDO-F-D-S

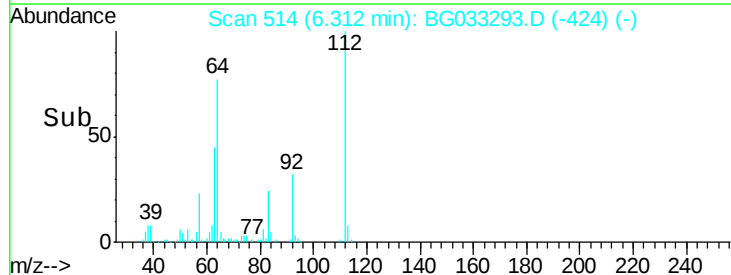
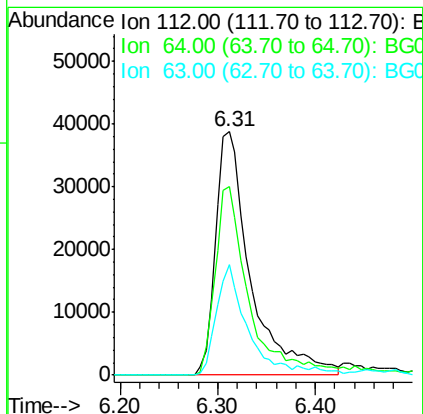
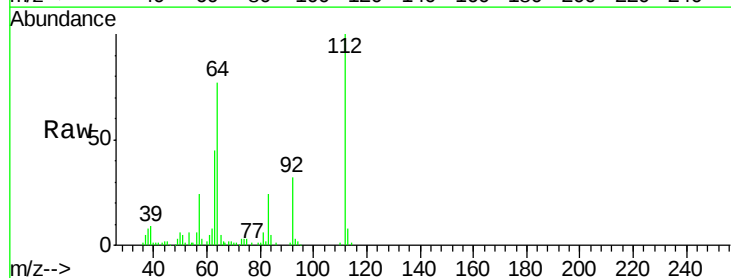
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	61.3	53.0	79.4



#5

2-Fluorophenol
Concen: 50.440 ng
RT: 6.31 min Scan# 514
Delta R.T. 0.00 min
Lab File: BG033293.D
Acq: 22 Mar 2018 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.4	56.3	84.5
63	45.4	30.1	45.1





#7

Phenol-d6

Concen: 26.960 ng

RT: 8.00 min Scan# 801

Delta R.T. 0.00 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-S

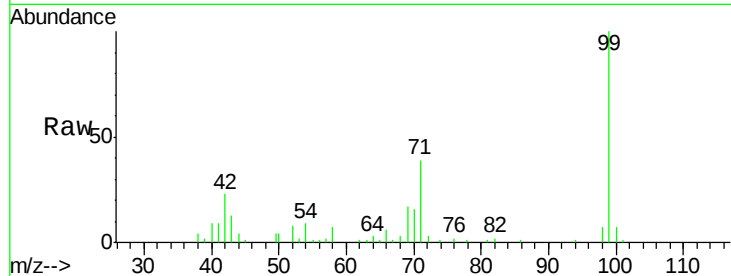
Tot Ion: 99 Resp: 88681

Ion Ratio Lower Upper

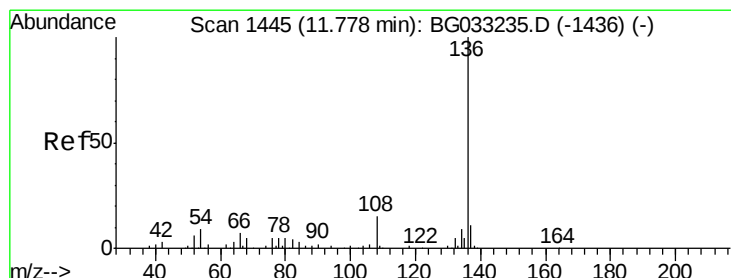
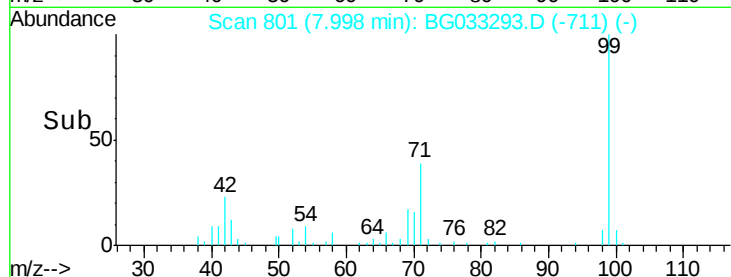
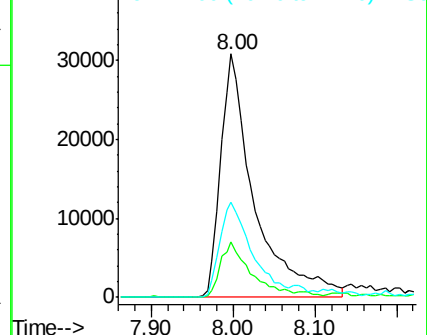
99 100

42 22.9 14.1 21.1#

71 39.1 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: 11.78 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

Tgt Ion: 136 Resp: 155197

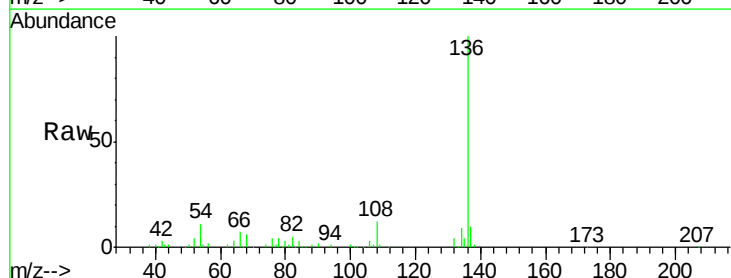
Ion Ratio Lower Upper

136 100

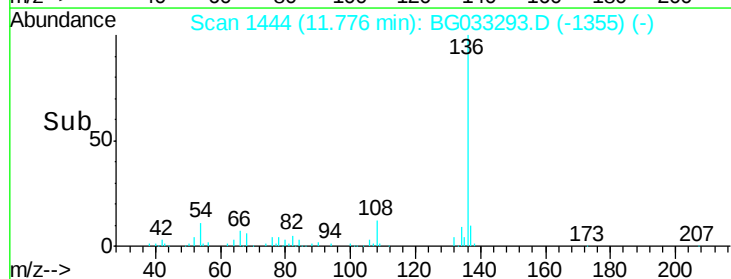
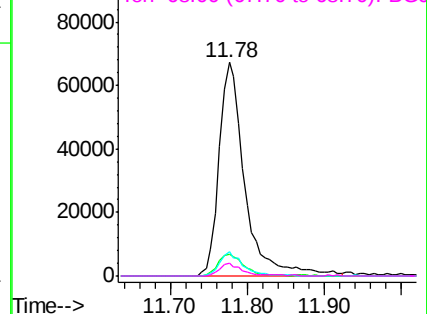
137 10.2 9.2 13.8

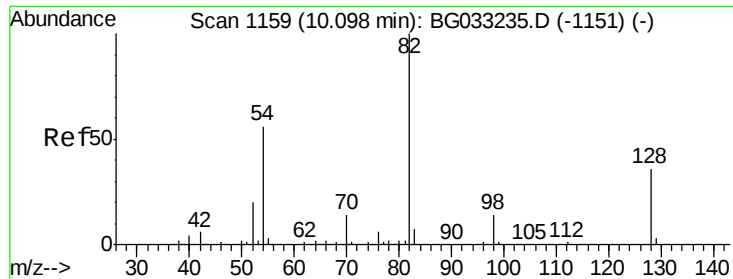
54 11.1 10.3 15.5

68 6.2 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: 102.146 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-S

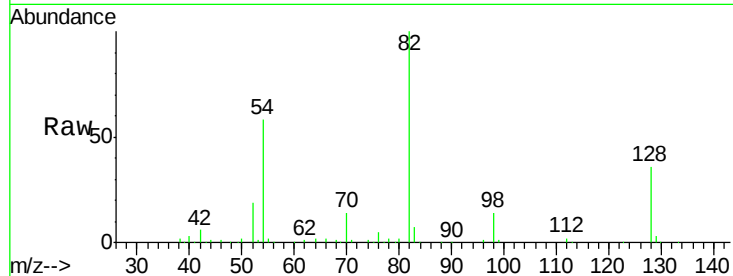
Tot Ion: 82 Resp: 345045

Ion Ratio Lower Upper

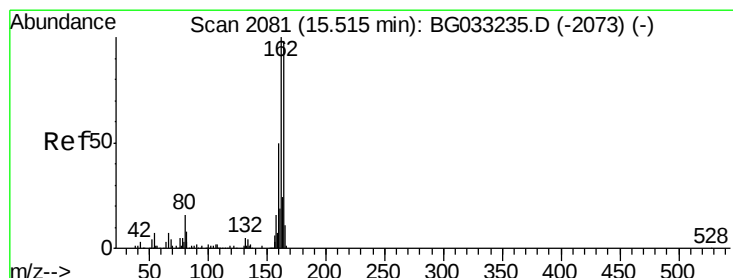
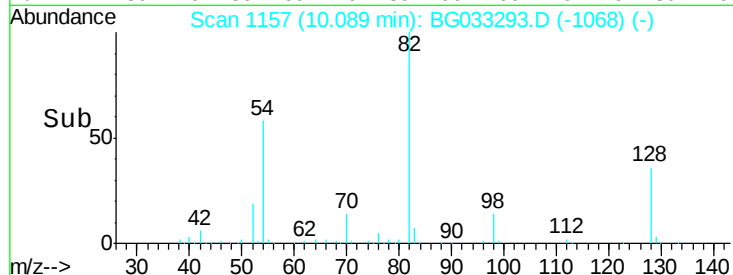
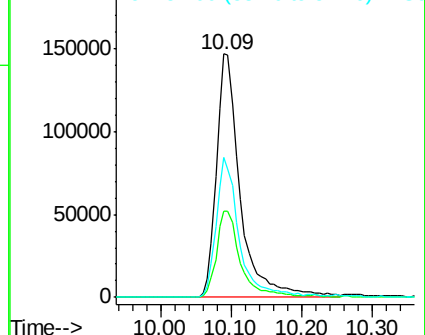
82 100

128 35.5 29.7 44.5

54 57.7 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.51 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

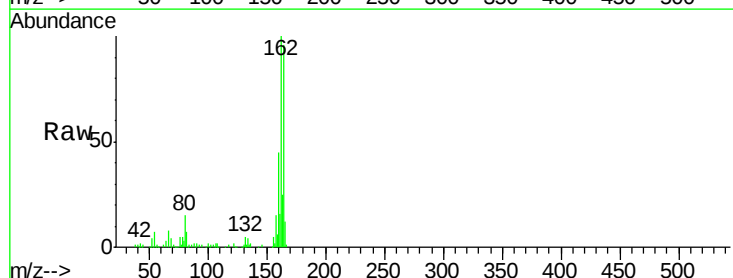
Tgt Ion:164 Resp: 122816

Ion Ratio Lower Upper

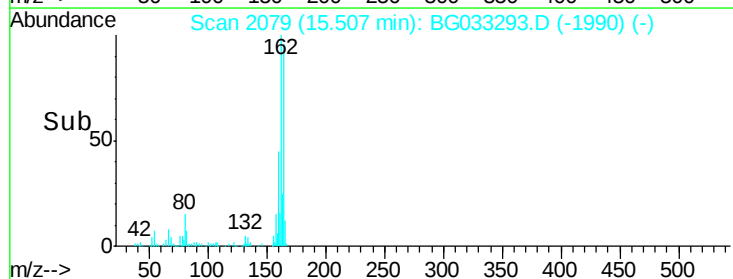
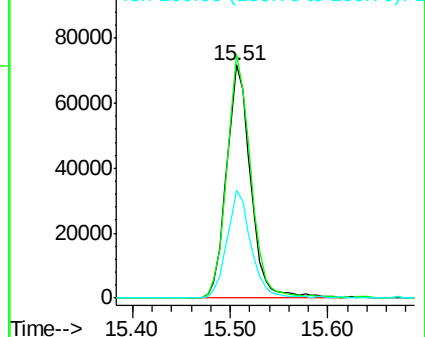
164 100

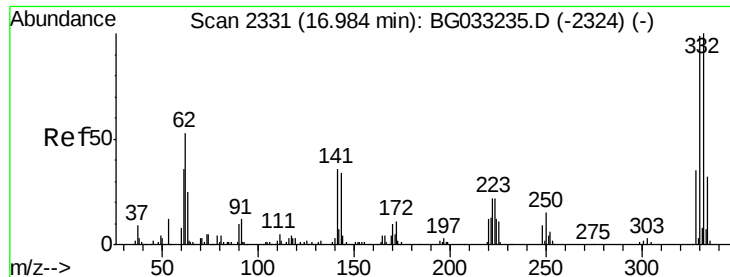
162 104.5 78.8 118.2

160 46.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

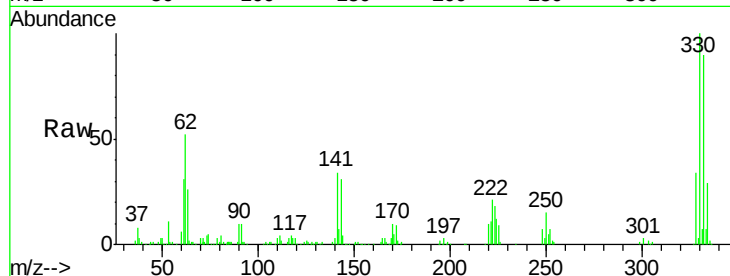




#41
 2,4,6-Tribromophenol
 Concen: 96.926 ng
 RT: 16.98 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG033293.D
 Acq: 22 Mar 2018 14:11

Instrument :
 BNA_G
 ClientSampleId :
 031618-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	35.4	25.2	37.8

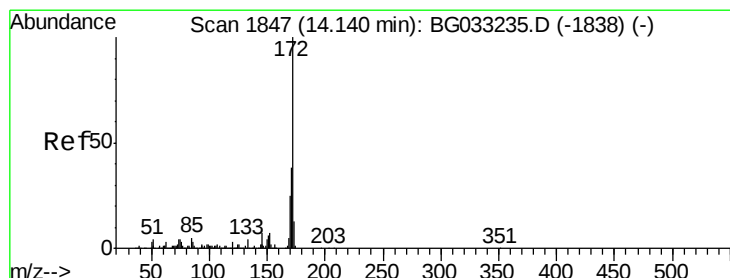
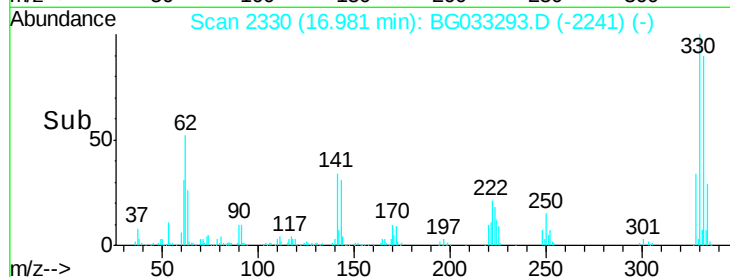
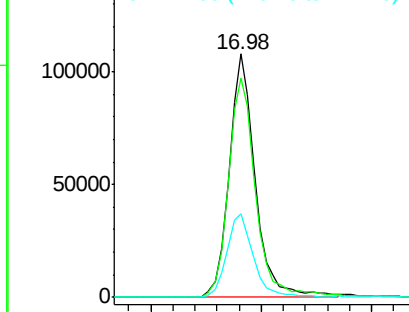


Abundance

Ion 329.80 (329.50 to 330.50): E

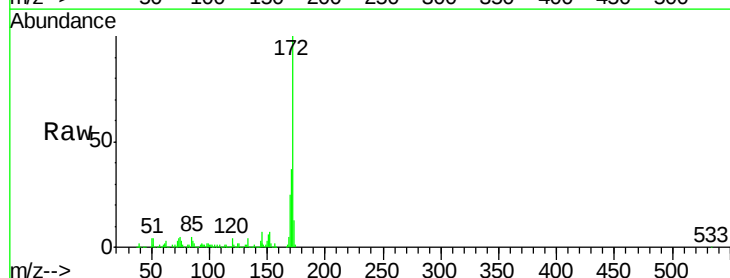
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.674 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. 0.00 min
 Lab File: BG033293.D
 Acq: 22 Mar 2018 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	25.1	19.5	29.3

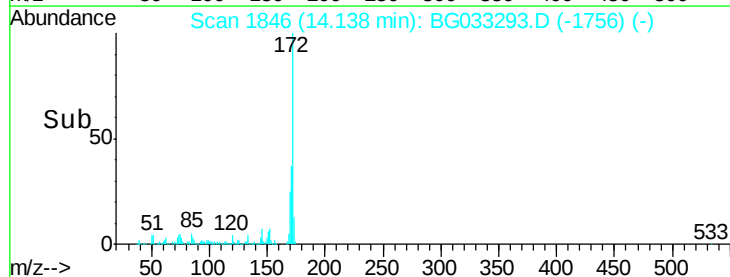
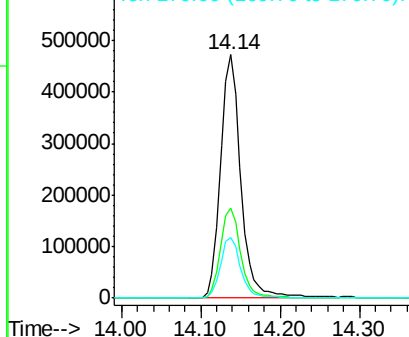


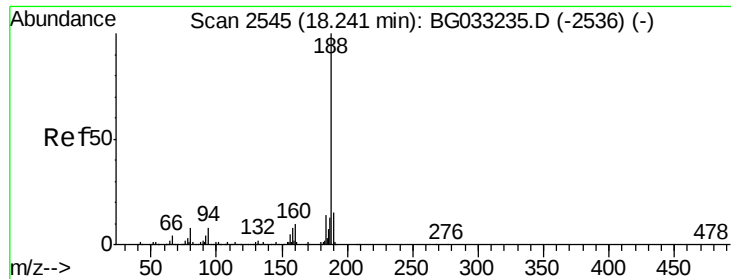
Abundance

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: 18.24 min Scan# 2544

Delta R.T. 0.00 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-S

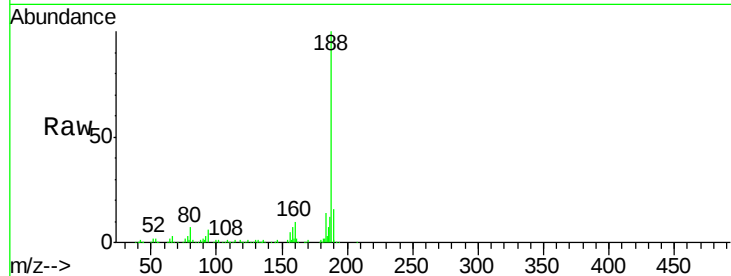
Tot Ion:188 Resp: 320263

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

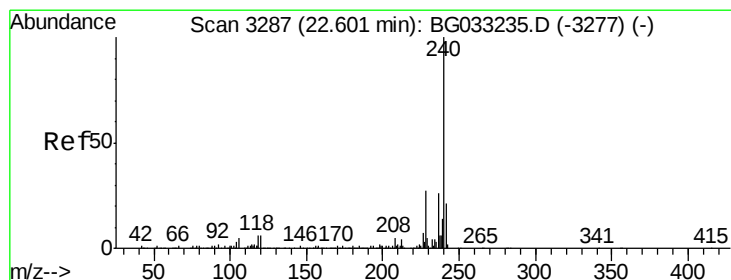
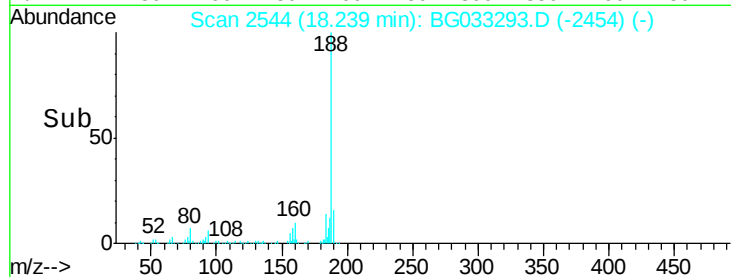
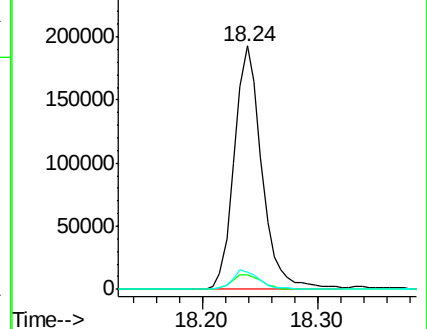
80 6.9 7.7 11.5#



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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

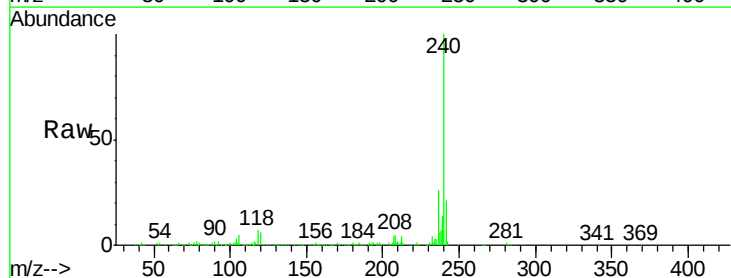
Tgt Ion:240 Resp: 320265

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

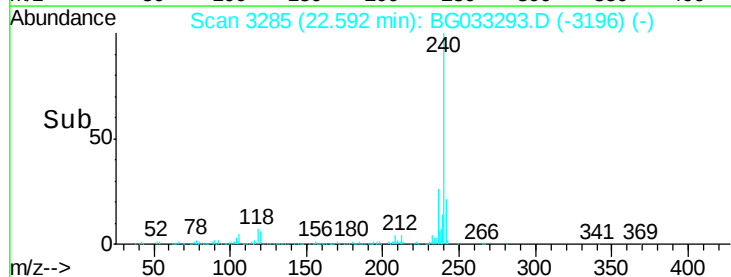
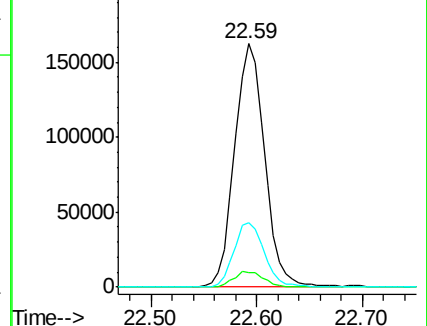
236 26.4 20.9 31.3

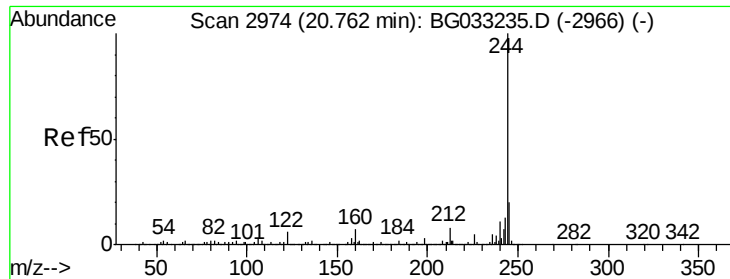


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.939 ng

RT: 20.76 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

Instrument :

BNA_G

ClientSampleId :

031618-TIDO-F-D-S

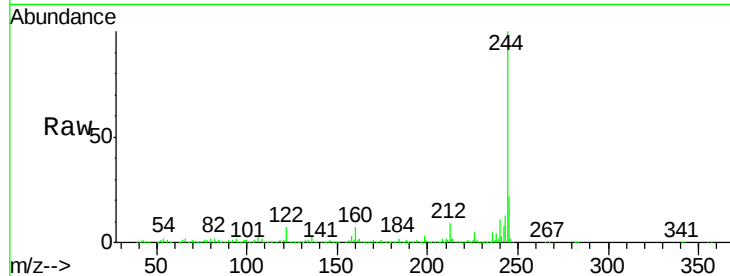
Tot Ion:244 Resp: 1466675

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

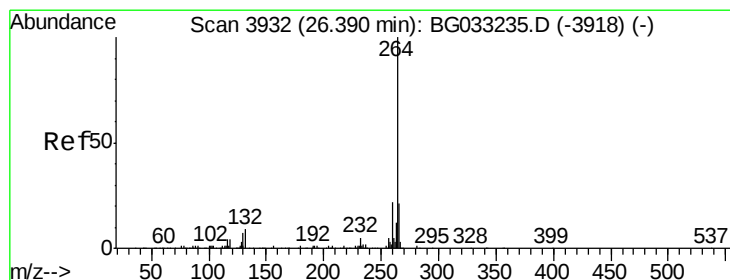
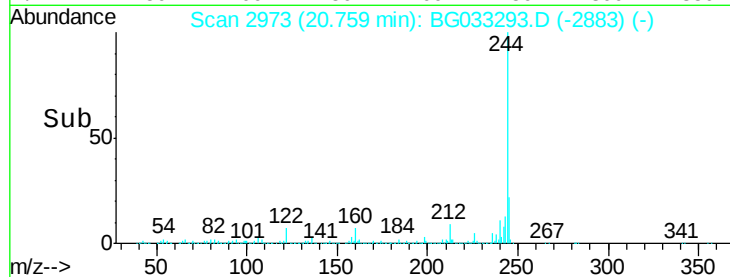
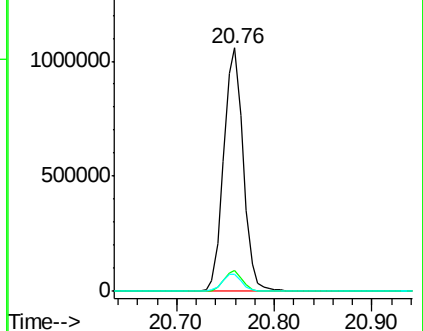
122 6.9 7.0 10.4#



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: 26.38 min Scan# 3930

Delta R.T. -0.01 min

Lab File: BG033293.D

Acq: 22 Mar 2018 14:11

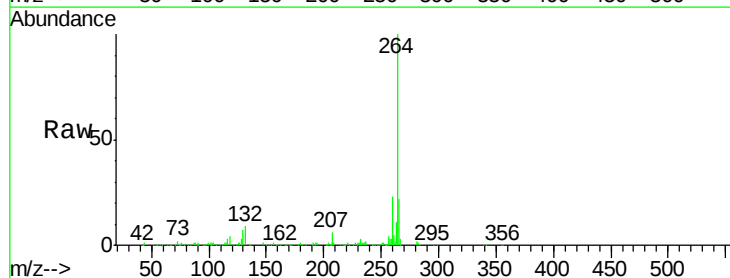
Tgt Ion:264 Resp: 328388

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 21.6 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

