

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG110618\
 Data File : BG037851.D
 Acq On : 6 Nov 2018 23:17
 Operator : JU/SJ
 Sample : J5771-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-C

Quant Time: Nov 07 09:43:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	56137	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	250584	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	164597	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	361436	20.00	ng	0.00
76) Chrysene-d12	21.76	240	319235	20.00	ng	-0.02
87) Perylene-d12	25.10	264	256470	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	369591	110.07	ng	0.00
7) Phenol-d6	7.24	99	478700	94.28	ng	0.00
23) Nitrobenzene-d5	9.27	82	361471	80.81	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	168437	93.82	ng	-0.02
45) 2-Fluorobiphenyl	13.35	172	877862	80.42	ng	-0.02
79) Terphenyl-d14	20.07	244	1252097	83.81	ng	-0.02

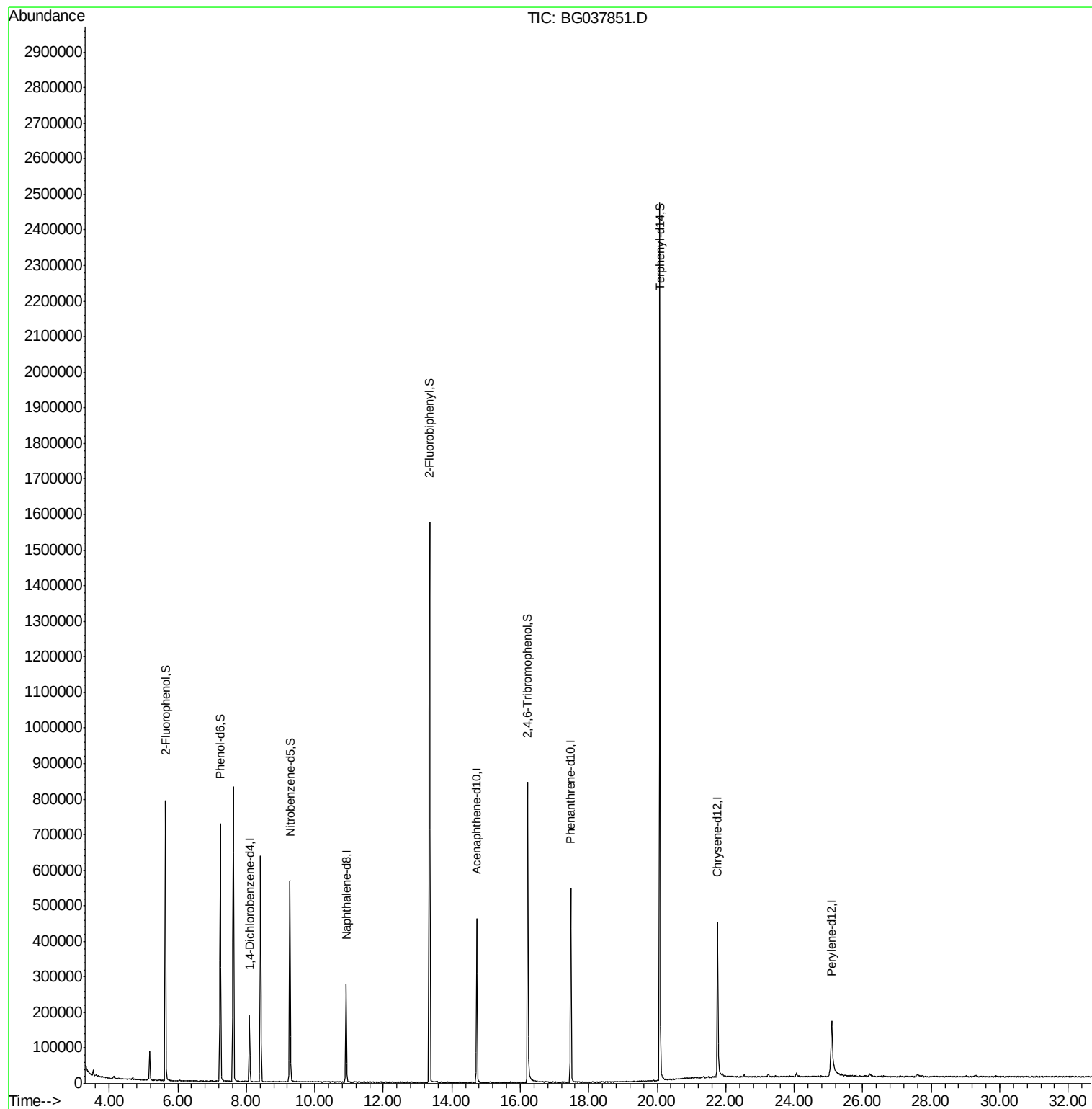
Target Compounds	Qvalue
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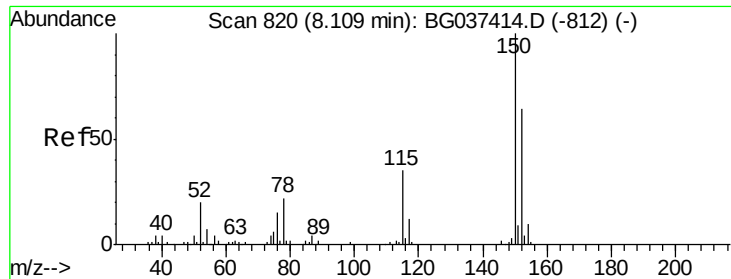
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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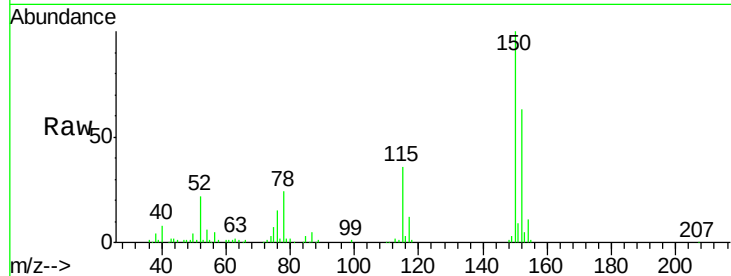


#1

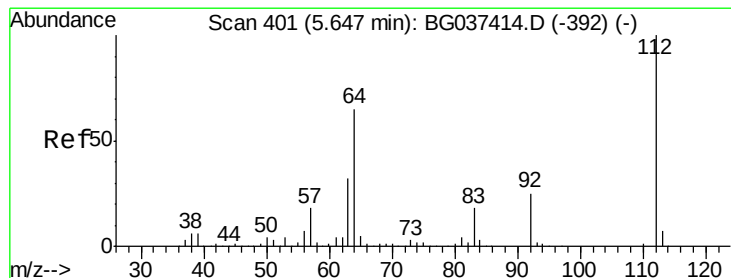
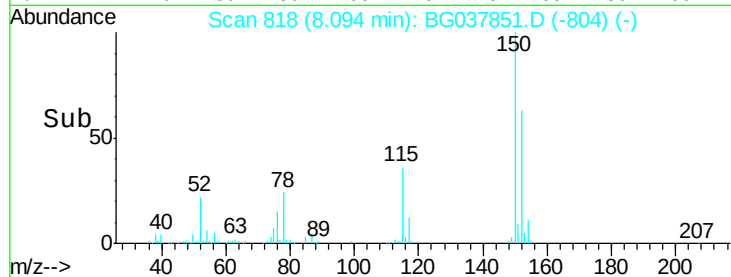
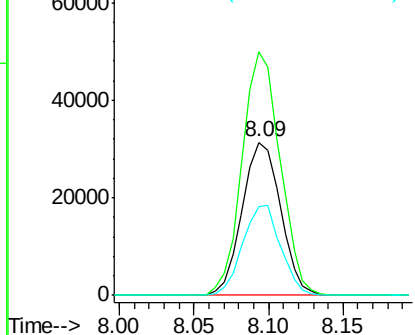
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.02 min
Lab File: BG037851.D
Acq: 6 Nov 2018 23:17

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-C

Tgt Ion:152 Resp: 56137
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 58.1 45.5 68.3



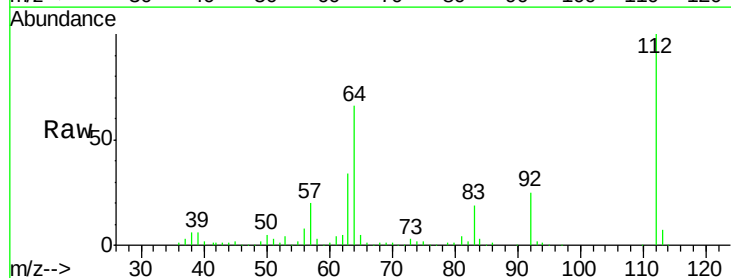
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



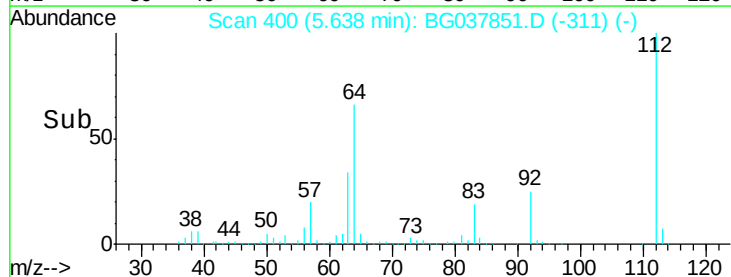
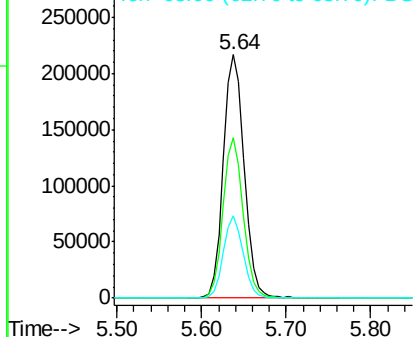
#5

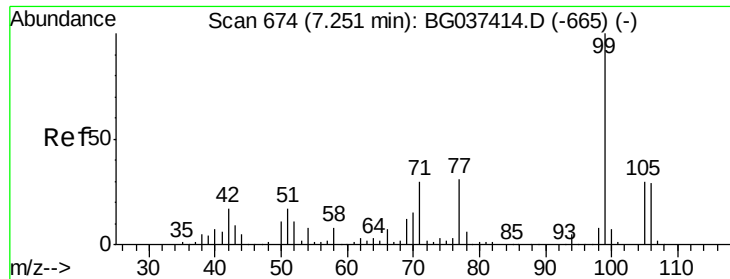
2-Fluorophenol
Concen: 110.070 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG037851.D
Acq: 6 Nov 2018 23:17

Tgt Ion:112 Resp: 369591
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 33.9 27.3 40.9



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: 94.281 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037851.D

Acq: 6 Nov 2018 23:17

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-C

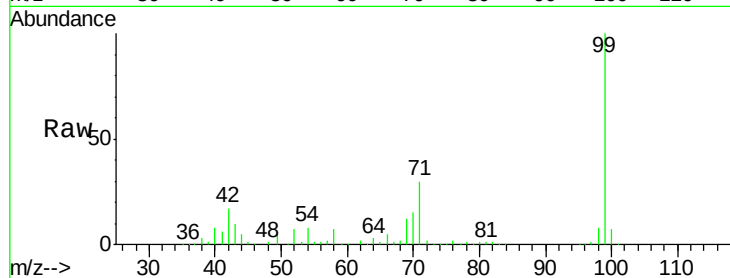
Tgt Ion: 99 Resp: 478700

Ion Ratio Lower Upper

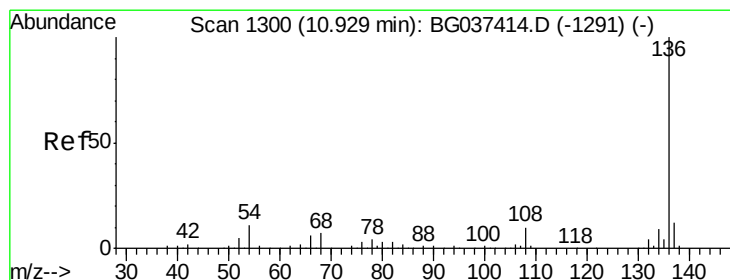
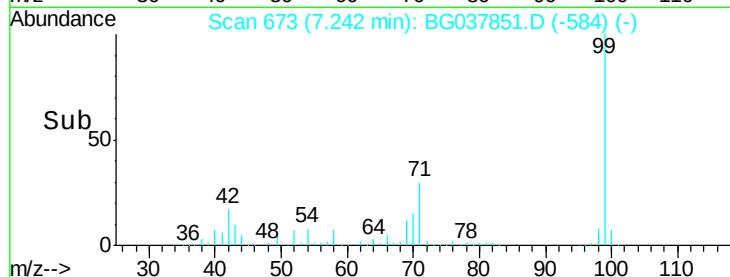
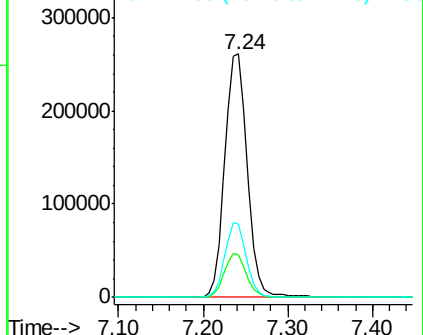
99 100

42 17.4 15.0 22.4

71 30.3 25.5 38.3



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: 10.91 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BG037851.D

Acq: 6 Nov 2018 23:17

Tgt Ion: 136 Resp: 250584

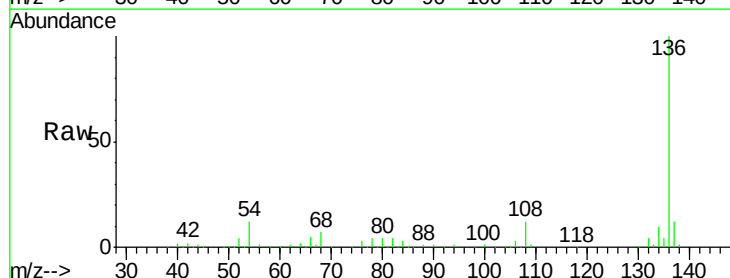
Ion Ratio Lower Upper

136 100

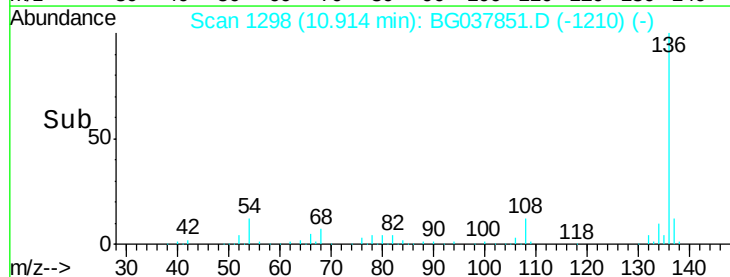
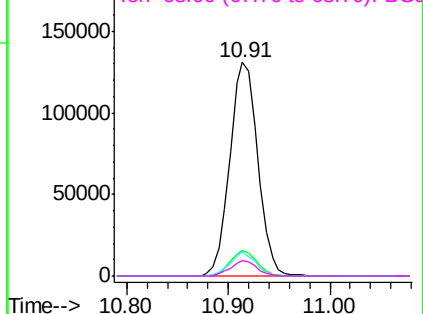
137 11.7 9.6 14.4

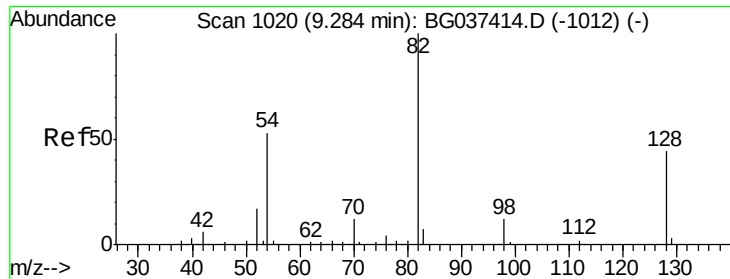
54 11.6 7.9 11.9

68 6.9 4.8 7.2



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

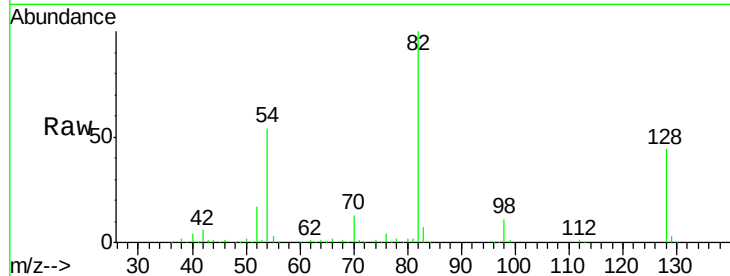




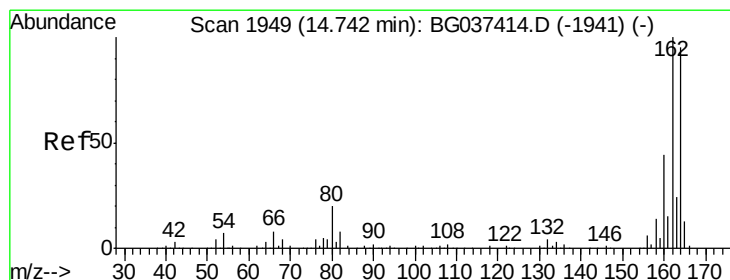
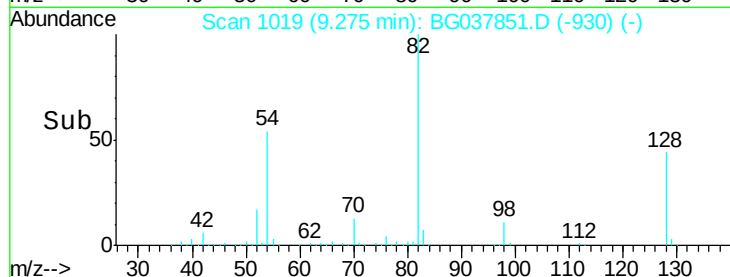
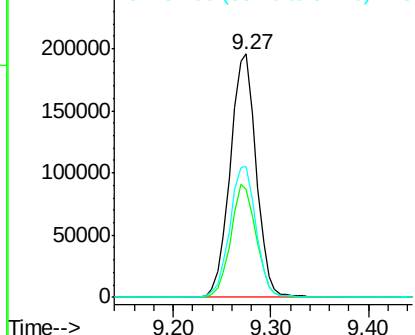
#23
 Nitrobenzene-d5
 Concen: 80.808 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037851.D
 Acq: 6 Nov 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-C

Tgt Ion: 82 Resp: 361471
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 51.8
 54 53.6 45.3 67.9

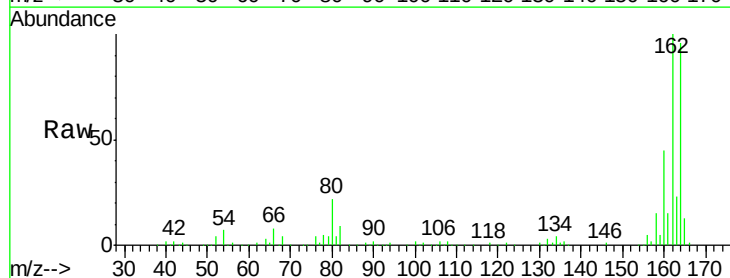


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

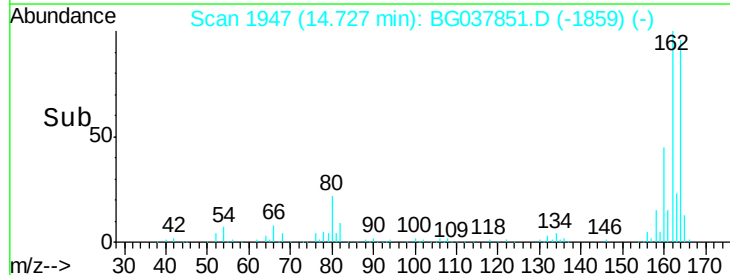
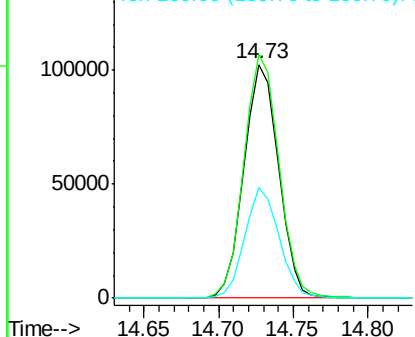


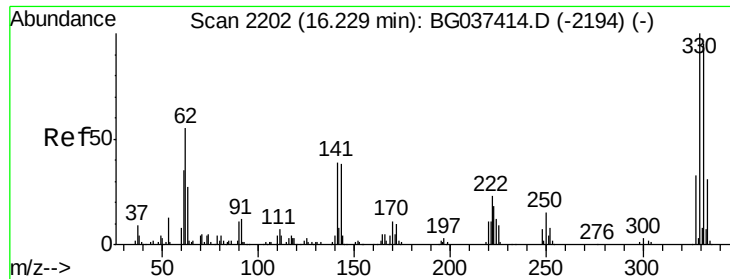
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1947
 Delta R.T. -0.02 min
 Lab File: BG037851.D
 Acq: 6 Nov 2018 23:17

Tgt Ion: 164 Resp: 164597
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.3 121.9
 160 47.3 36.3 54.5



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

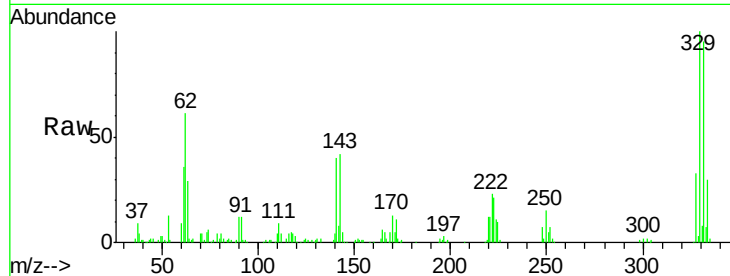




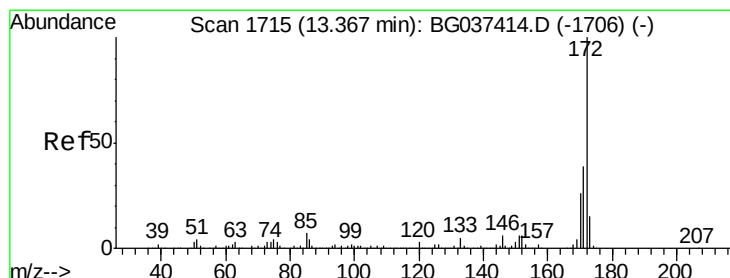
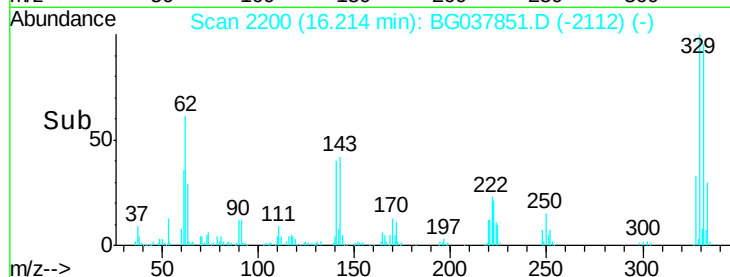
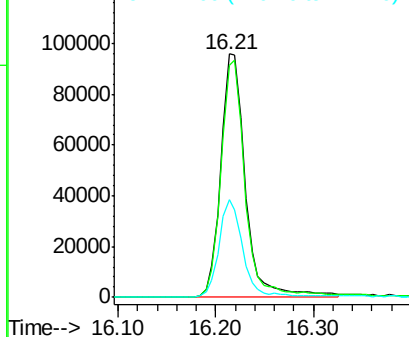
#42
 2,4,6-Tribromophenol
 Concen: 93.824 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.02 min
 Lab File: BG037851.D
 Acq: 6 Nov 2018 23:17

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-C

Tgt Ion:330 Resp: 168437
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.4 117.6
 141 39.2 32.2 48.2

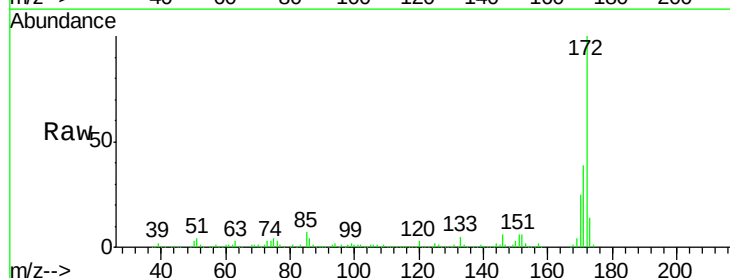


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

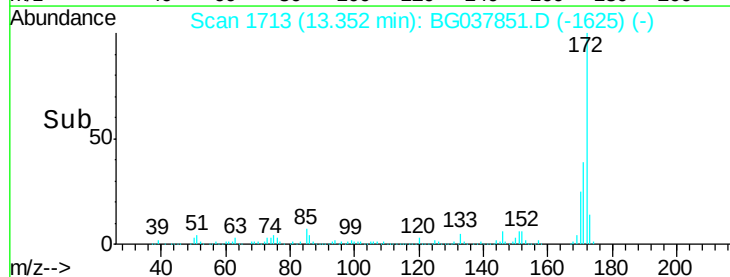
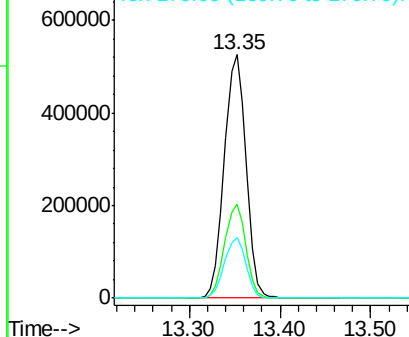


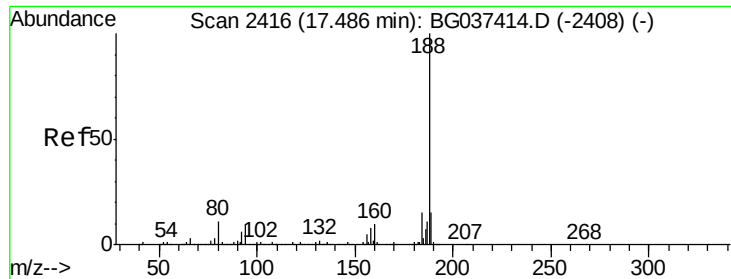
#45
 2-Fluorobiphenyl
 Concen: 80.425 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.02 min
 Lab File: BG037851.D
 Acq: 6 Nov 2018 23:17

Tgt Ion:172 Resp: 877862
 Ion Ratio Lower Upper
 172 100
 171 38.7 31.0 46.4
 170 24.8 20.2 30.2



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

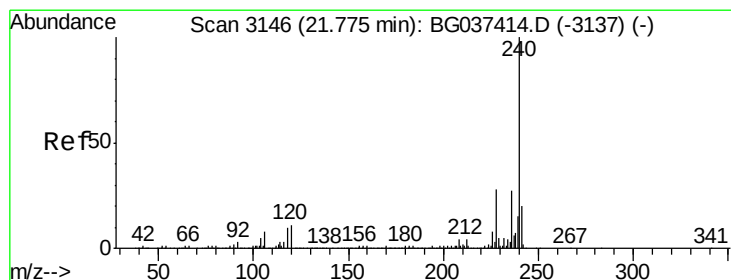
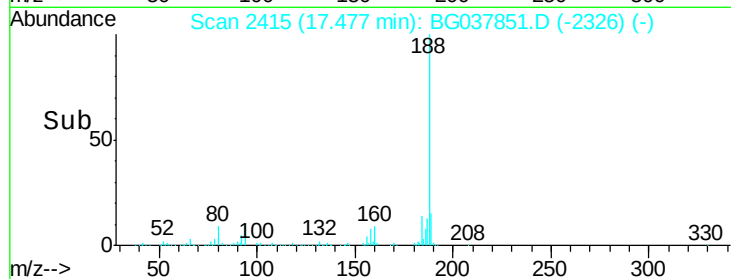
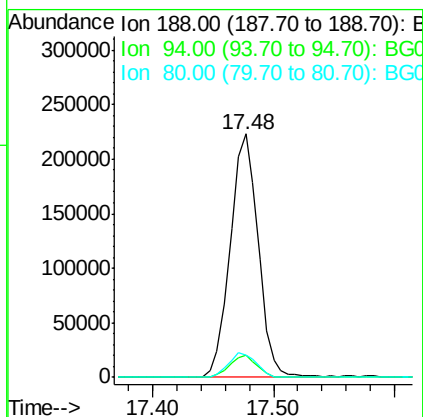
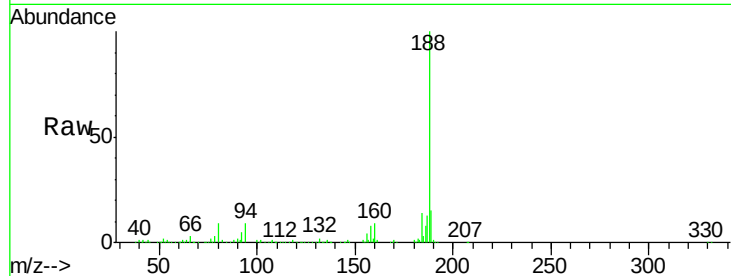




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG037851.D
 Acq: 6 Nov 2018 23:17

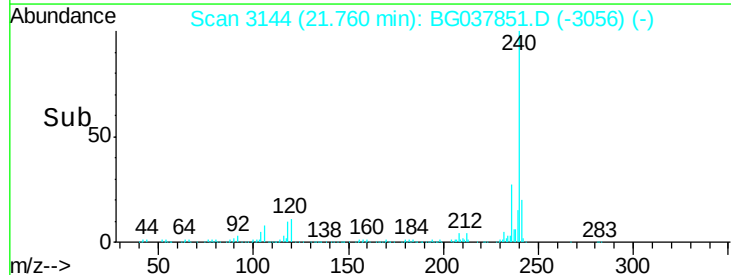
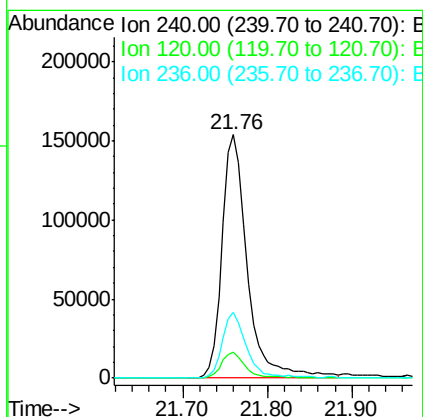
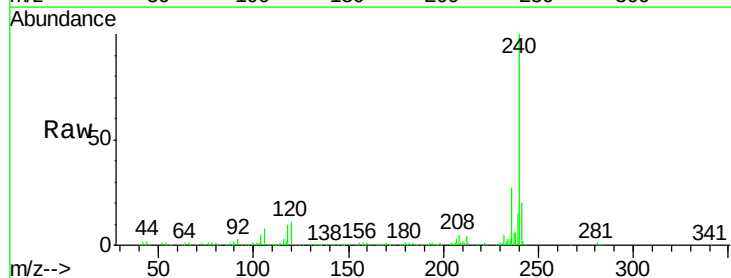
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-110218-C

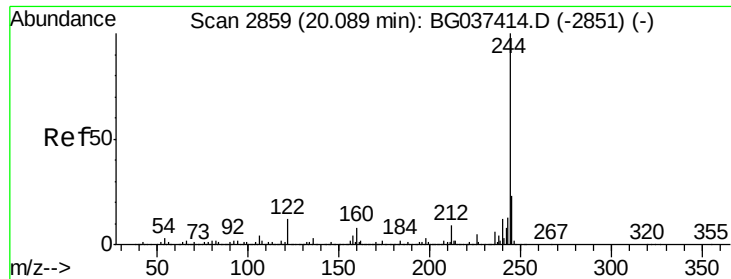
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.3	7.7	11.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BG037851.D
 Acq: 6 Nov 2018 23:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	26.9	21.4	32.0





#79

Terphenyl-d14

Concen: 83.808 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG037851.D

Acq: 6 Nov 2018 23:17

Instrument :

BNA_G

ClientSampleId :

EO-01-110218-C

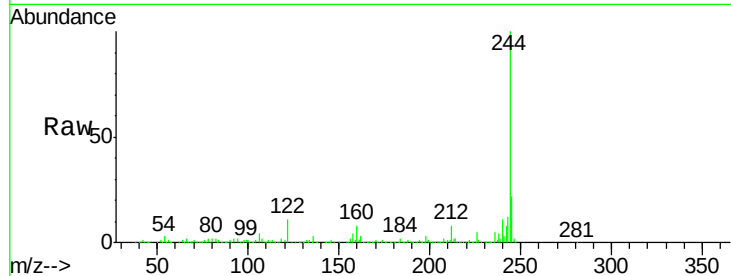
Tgt Ion:244 Resp: 1252097

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

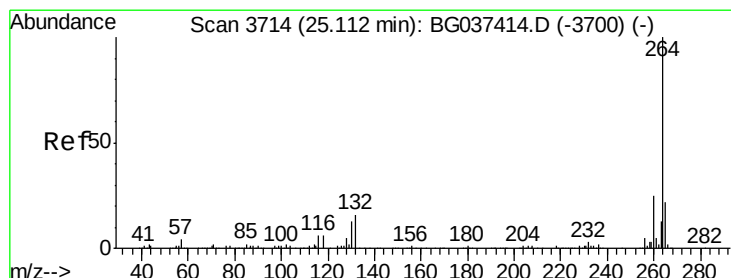
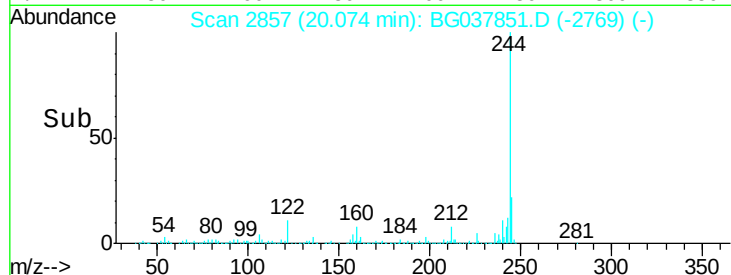
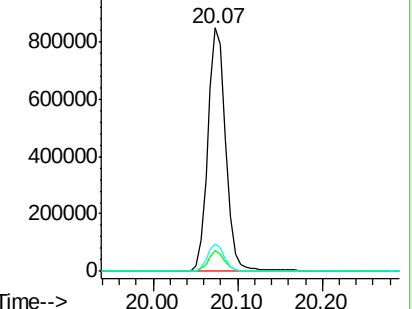
122 11.2 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG037851.D

Acq: 6 Nov 2018 23:17

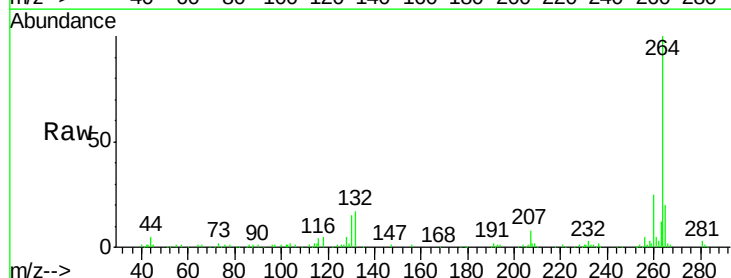
Tgt Ion:264 Resp: 256470

Ion Ratio Lower Upper

264 100

260 24.6 18.2 27.4

265 20.1 17.9 26.9



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

