

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071017\
 Data File : BG027914.D
 Acq On : 11 Jul 2017 11:39
 Operator : SJ/JU
 Sample : I4119-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

Quant Time: Jul 11 13:31:11 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	47165	20.00	ng	0.00
21) Naphthalene-d8	11.23	136	199649	20.00	ng	-0.01
38) Acenaphthene-d10	15.01	164	86921	20.00	ng	-0.01
63) Phenanthrene-d10	17.76	188	266633	20.00	ng	-0.01
75) Chrysene-d12	22.10	240	189034	20.00	ng	-0.03
86) Perylene-d12	25.67	264	16964	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	389622	127.21	ng	0.00
7) Phenol-d6	7.57	99	415870	88.88	ng	0.00
23) Nitrobenzene-d5	9.58	82	289179	80.74	ng	-0.01
41) 2,4,6-Tribromophenol	16.50	330	290698	243.83	ng	-0.02
44) 2-Fluorobiphenyl	13.64	172	774940	127.33	ng	-0.01
78) Terphenyl-d14	20.34	244	1290140	160.00	ng	-0.01

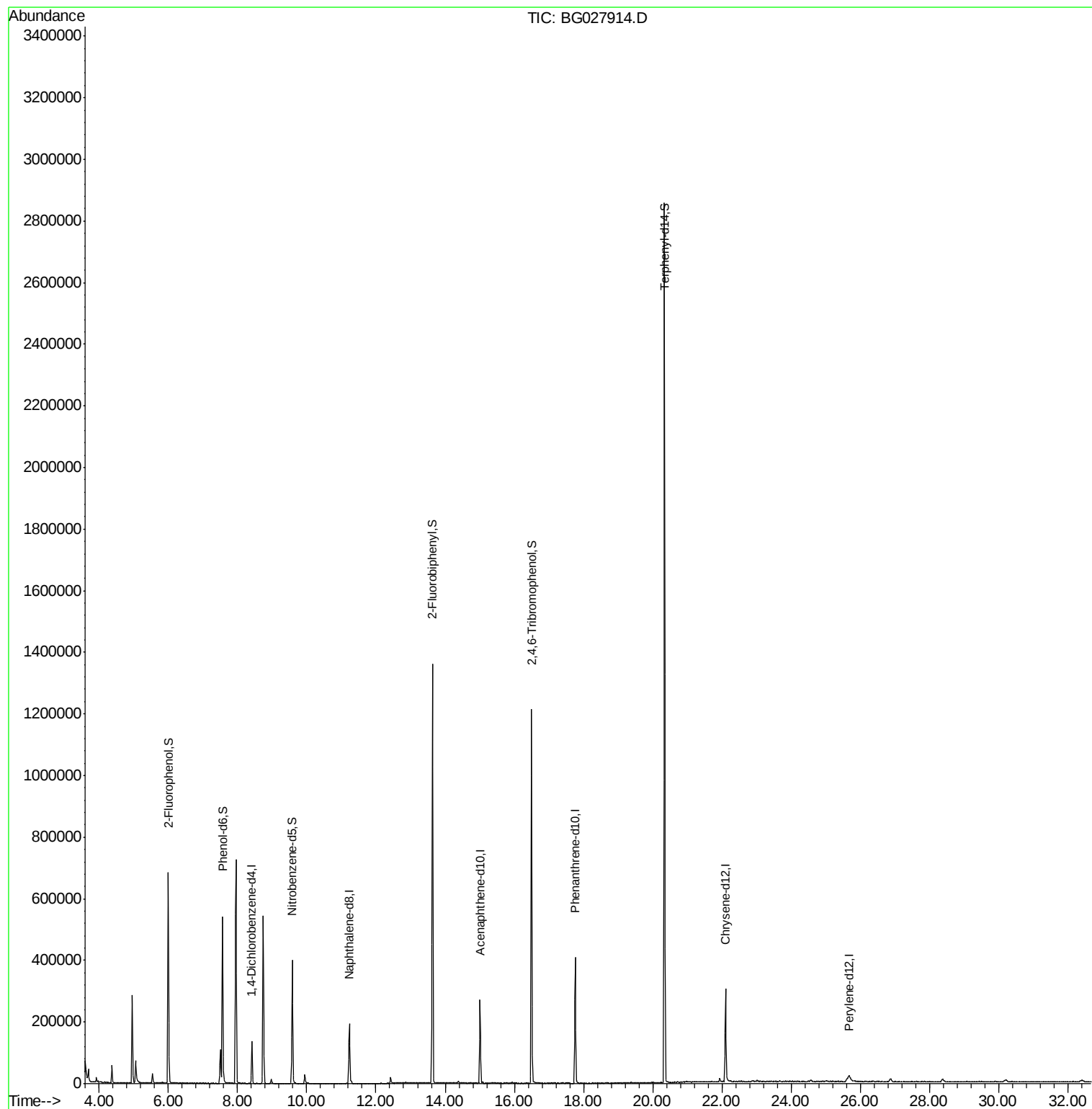
Target Compounds	Qvalue
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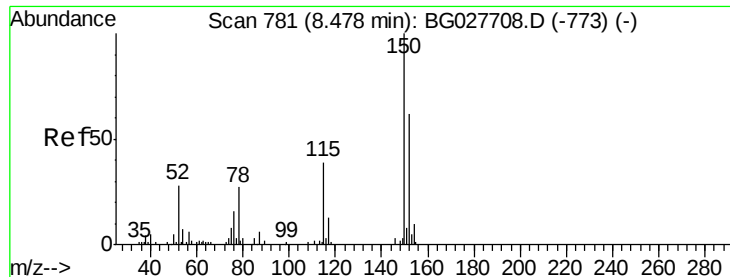
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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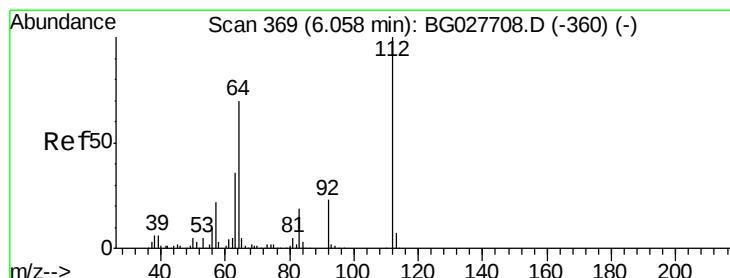
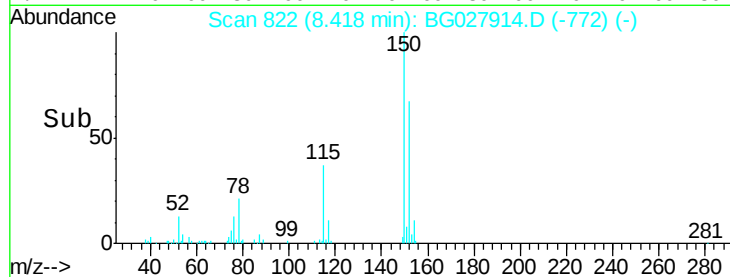
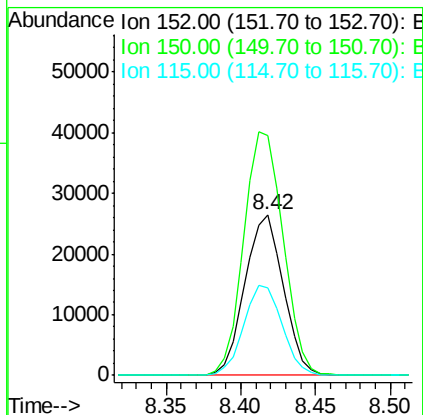
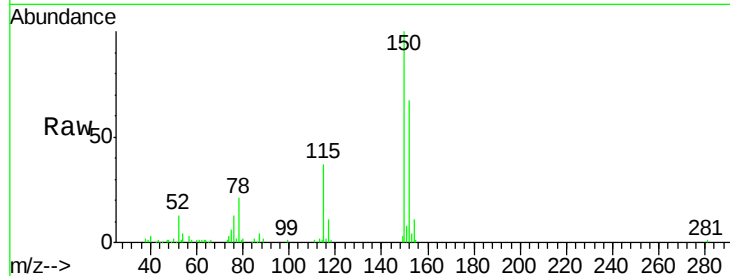


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.42 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-C

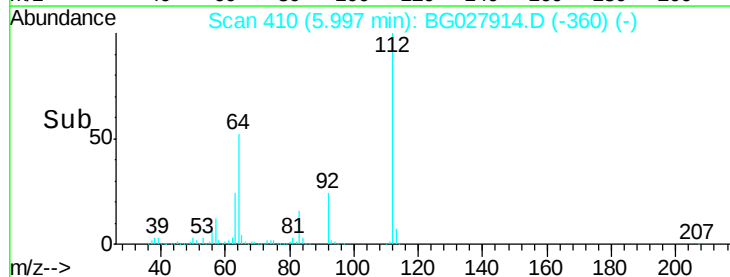
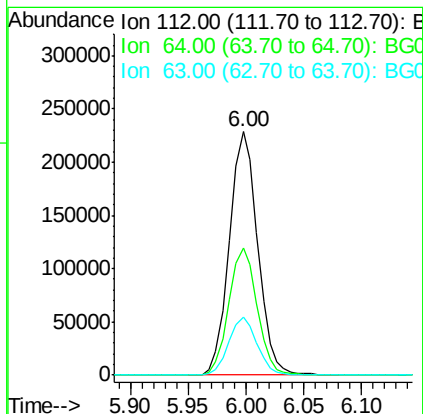
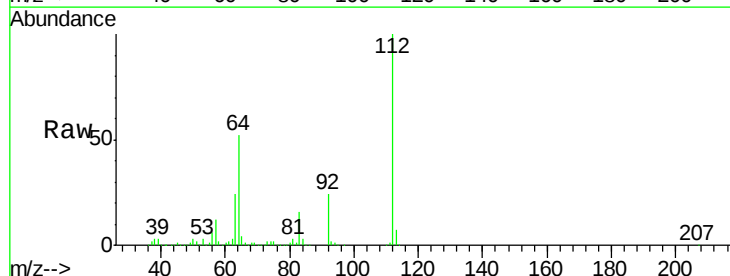
Tgt Ion:152 Resp: 47165
Ion Ratio Lower Upper
152 100
150 149.1 114.0 171.0
115 54.6 48.1 72.1

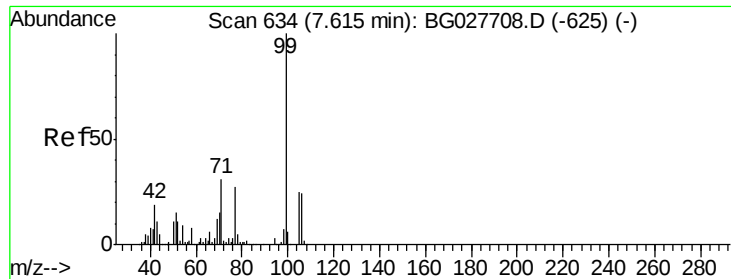


#5

2-Fluorophenol
Concen: 127.209 ng
RT: 6.00 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:112 Resp: 389622
Ion Ratio Lower Upper
112 100
64 52.4 61.8 92.6#
63 24.0 37.2 55.8#





#7

Phenol-d6

Concen: 88.879 ng

RT: 7.57 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG027914.D

Acq: 11 Jul 2017 11:39

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-C

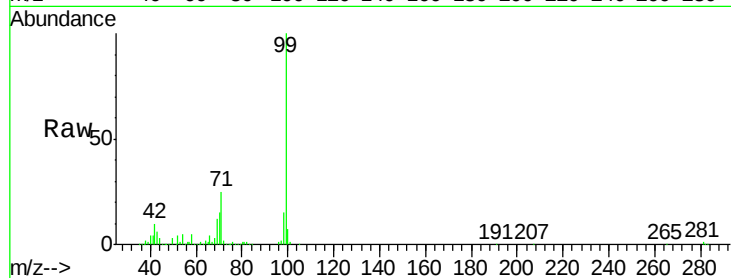
Tgt Ion: 99 Resp: 415870

Ion Ratio Lower Upper

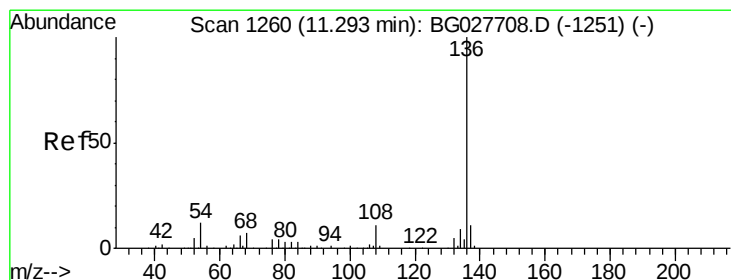
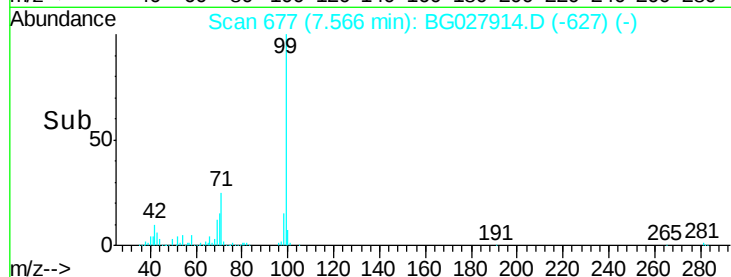
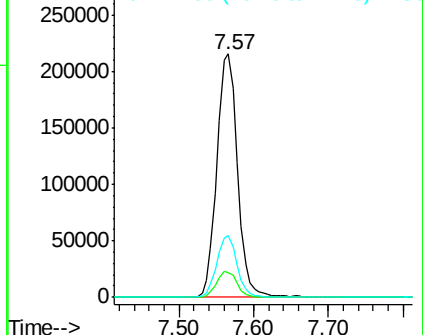
99 100

42 10.3 20.5 30.7#

71 25.3 37.6 56.4#



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: 11.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BG027914.D

Acq: 11 Jul 2017 11:39

Tgt Ion: 136 Resp: 199649

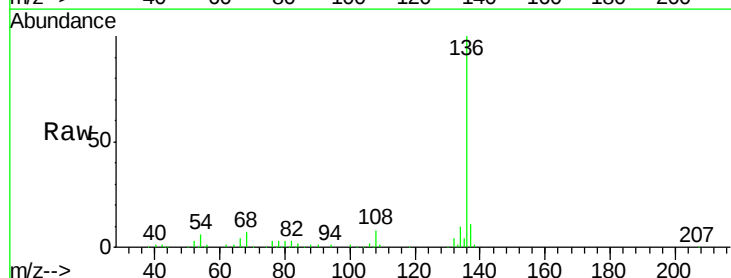
Ion Ratio Lower Upper

136 100

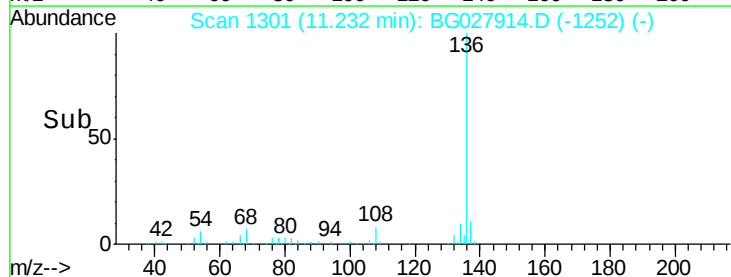
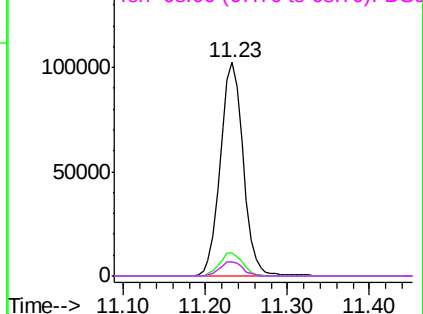
137 11.0 8.9 13.3

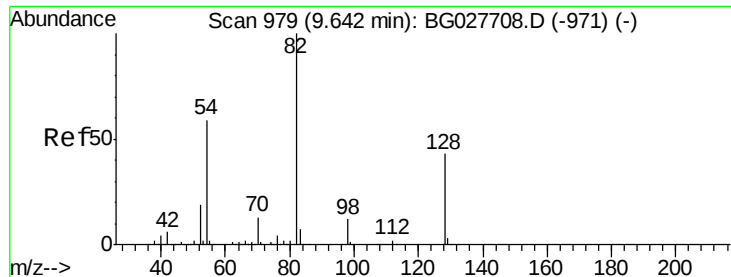
54 6.4 9.3 13.9#

68 6.8 5.1 7.7



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

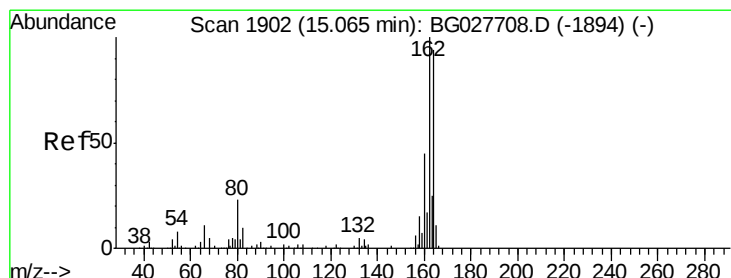
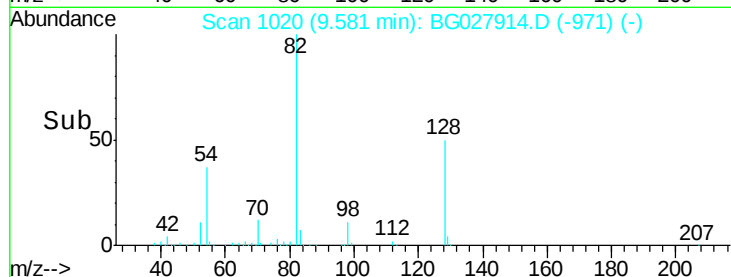
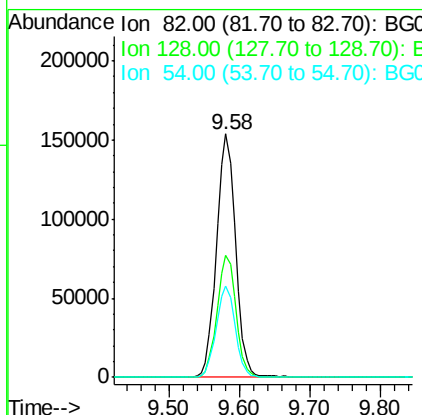
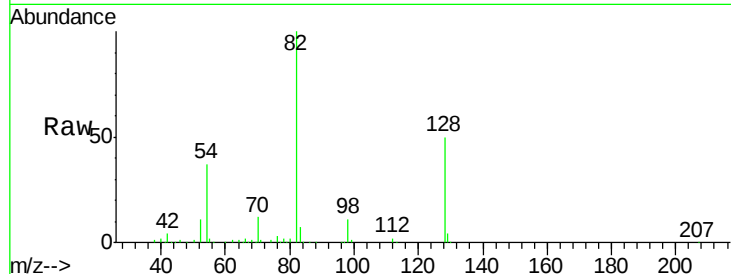




#23
 Nitrobenzene-d5
 Concen: 80.737 ng
 RT: 9.58 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027914.D
 Acq: 11 Jul 2017 11:39

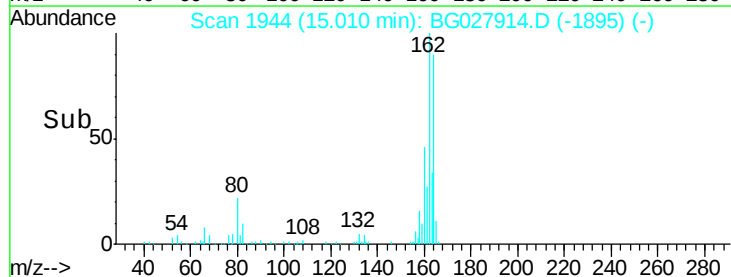
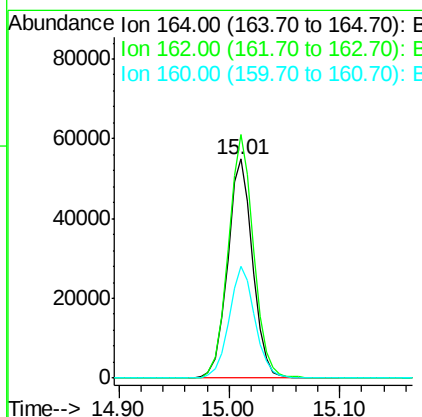
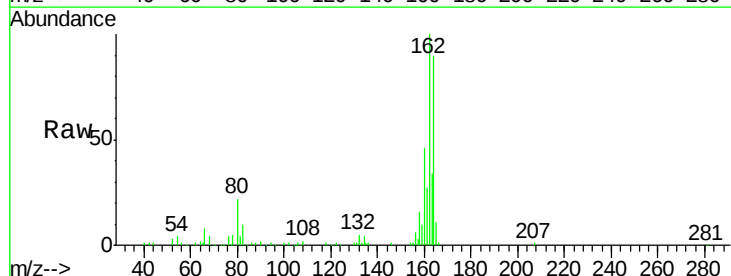
Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

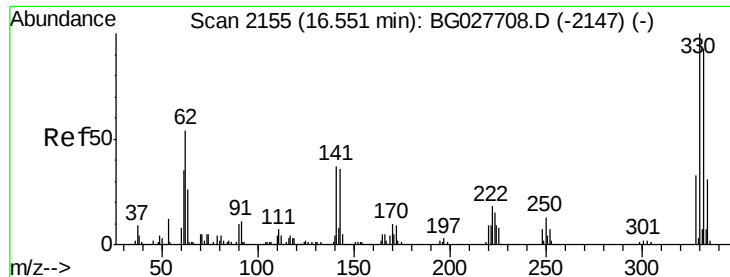
Tgt Ion: 82 Resp: 289179
 Ion Ratio Lower Upper
 82 100
 128 50.1 26.4 39.6#
 54 37.2 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.01 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BG027914.D
 Acq: 11 Jul 2017 11:39

Tgt Ion: 164 Resp: 86921
 Ion Ratio Lower Upper
 164 100
 162 111.1 85.1 127.7
 160 51.2 34.7 52.1

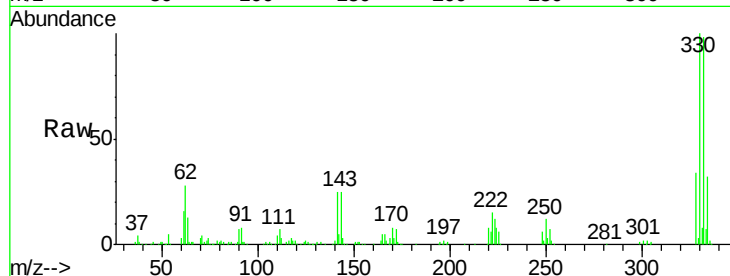




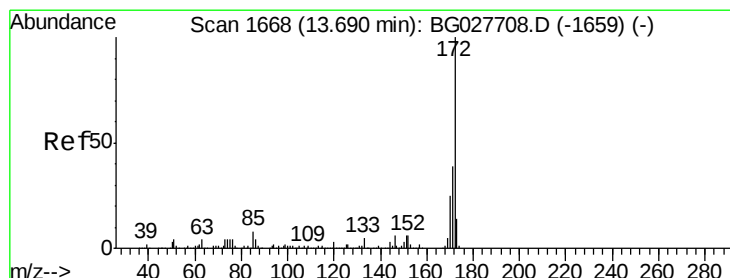
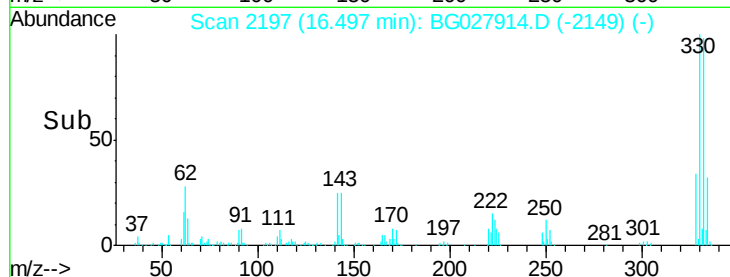
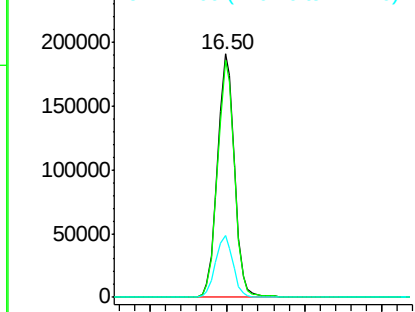
#41
 2,4,6-Tribromophenol
 Concen: 243.830 ng
 RT: 16.50 min Scan# 2197
 Delta R.T. -0.02 min
 Lab File: BG027914.D
 Acq: 11 Jul 2017 11:39

Instrument :
 BNA_G
 ClientSampleId :
 EO-03-070717-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	26.1	32.1	48.1#

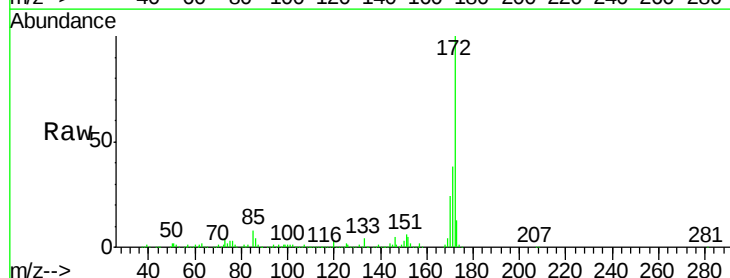


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

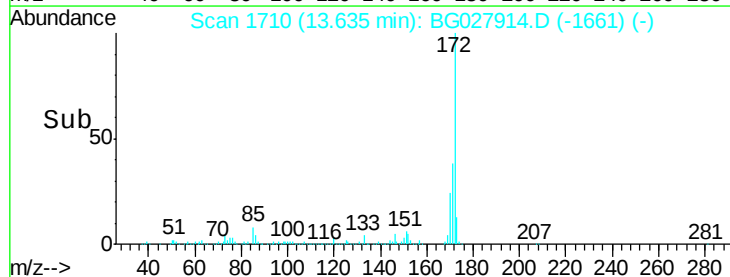
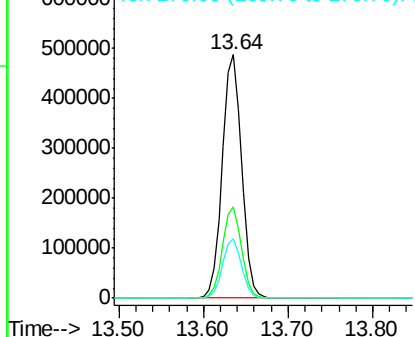


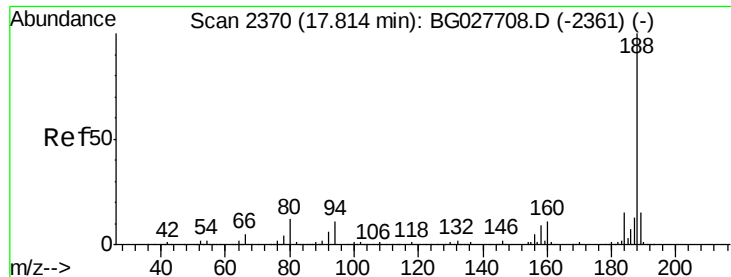
#44
 2-Fluorobiphenyl
 Concen: 127.328 ng
 RT: 13.64 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG027914.D
 Acq: 11 Jul 2017 11:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	32.2	48.2
170	24.3	21.8	32.6



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

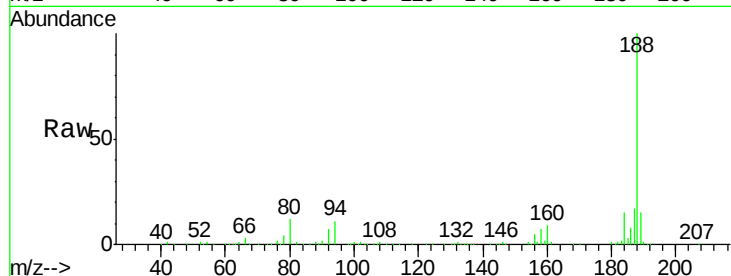




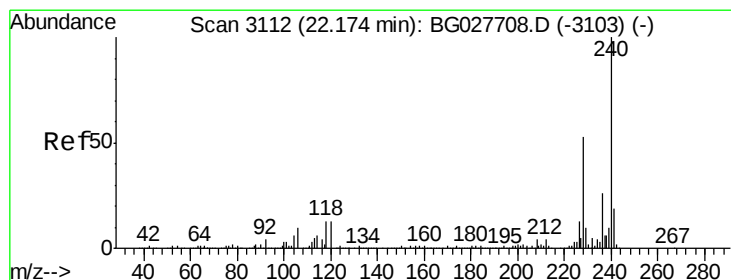
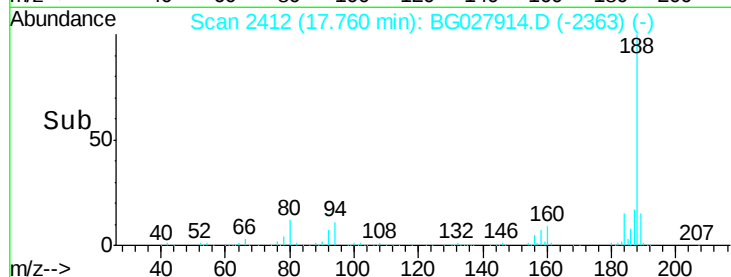
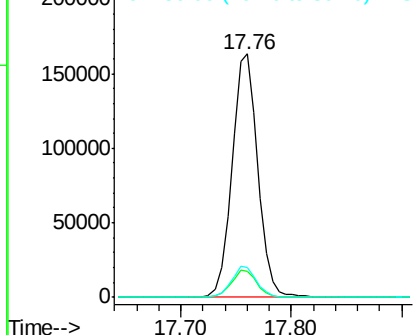
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.76 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Instrument :
BNA_G
ClientSampleId :
EO-03-070717-C

Tgt Ion:188 Resp: 266633
Ion Ratio Lower Upper
188 100
94 10.8 5.8 8.8#
80 12.1 7.5 11.3#

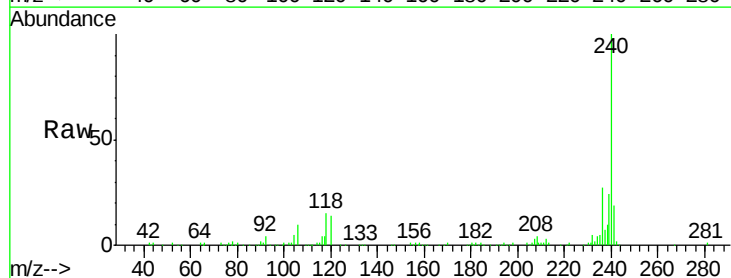


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

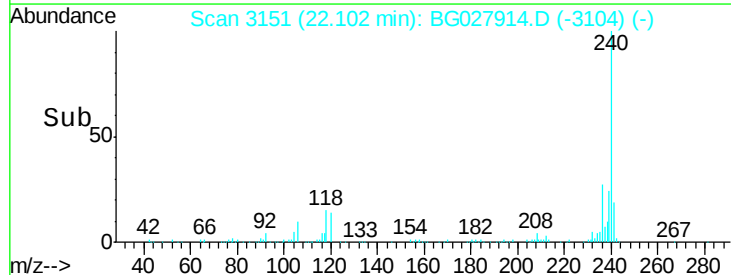
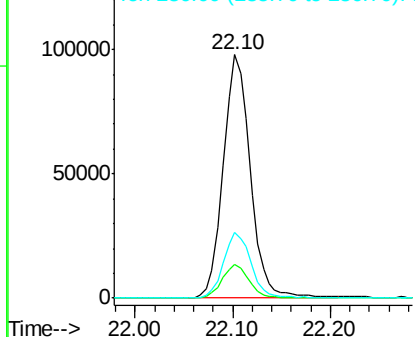


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.10 min Scan# 3151
Delta R.T. -0.03 min
Lab File: BG027914.D
Acq: 11 Jul 2017 11:39

Tgt Ion:240 Resp: 189034
Ion Ratio Lower Upper
240 100
120 13.7 5.7 8.5#
236 26.8 22.2 33.4



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: 160.001 ng

RT: 20.34 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG027914.D

Acq: 11 Jul 2017 11:39

Instrument :

BNA_G

ClientSampleId :

EO-03-070717-C

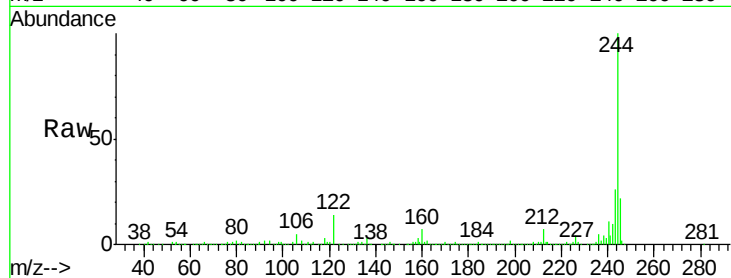
Tgt Ion:244 Resp: 1290140

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

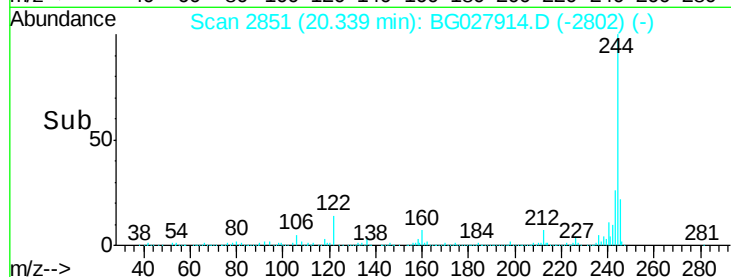
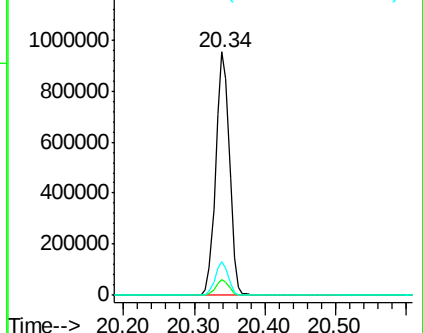
122 14.1 8.6 12.8#



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: 25.67 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG027914.D

Acq: 11 Jul 2017 11:39

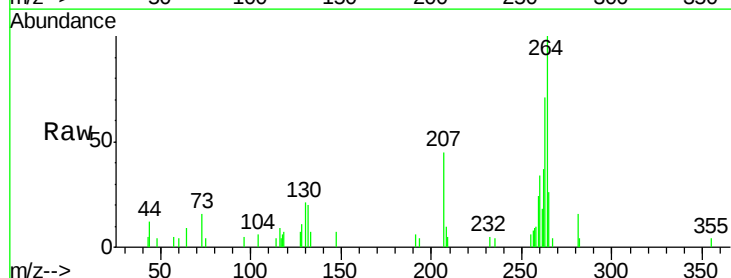
Tgt Ion:264 Resp: 16964

Ion Ratio Lower Upper

264 100

260 34.5 21.8 32.8#

265 25.5 18.2 27.4



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

