

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027697.D
 Acq On : 27 Jun 2017 11:16
 Operator : SJ/JU
 Sample : I3906-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-C

Quant Time: Jun 28 01:38:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	12843	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	59692	20.00	ng	-0.03
38) Acenaphthene-d10	15.07	164	25612	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	125054	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	121649	20.00	ng	-0.03
86) Perylene-d12	25.80	264	13943	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	138117	153.06	ng	-0.01
7) Phenol-d6	7.63	99	149759	112.10	ng	-0.01
23) Nitrobenzene-d5	9.65	82	125056	99.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	114598	300.13	ng	-0.02
44) 2-Fluorobiphenyl	13.70	172	289040	154.16	ng	-0.02
78) Terphenyl-d14	20.40	244	729392	141.27	ng	-0.02

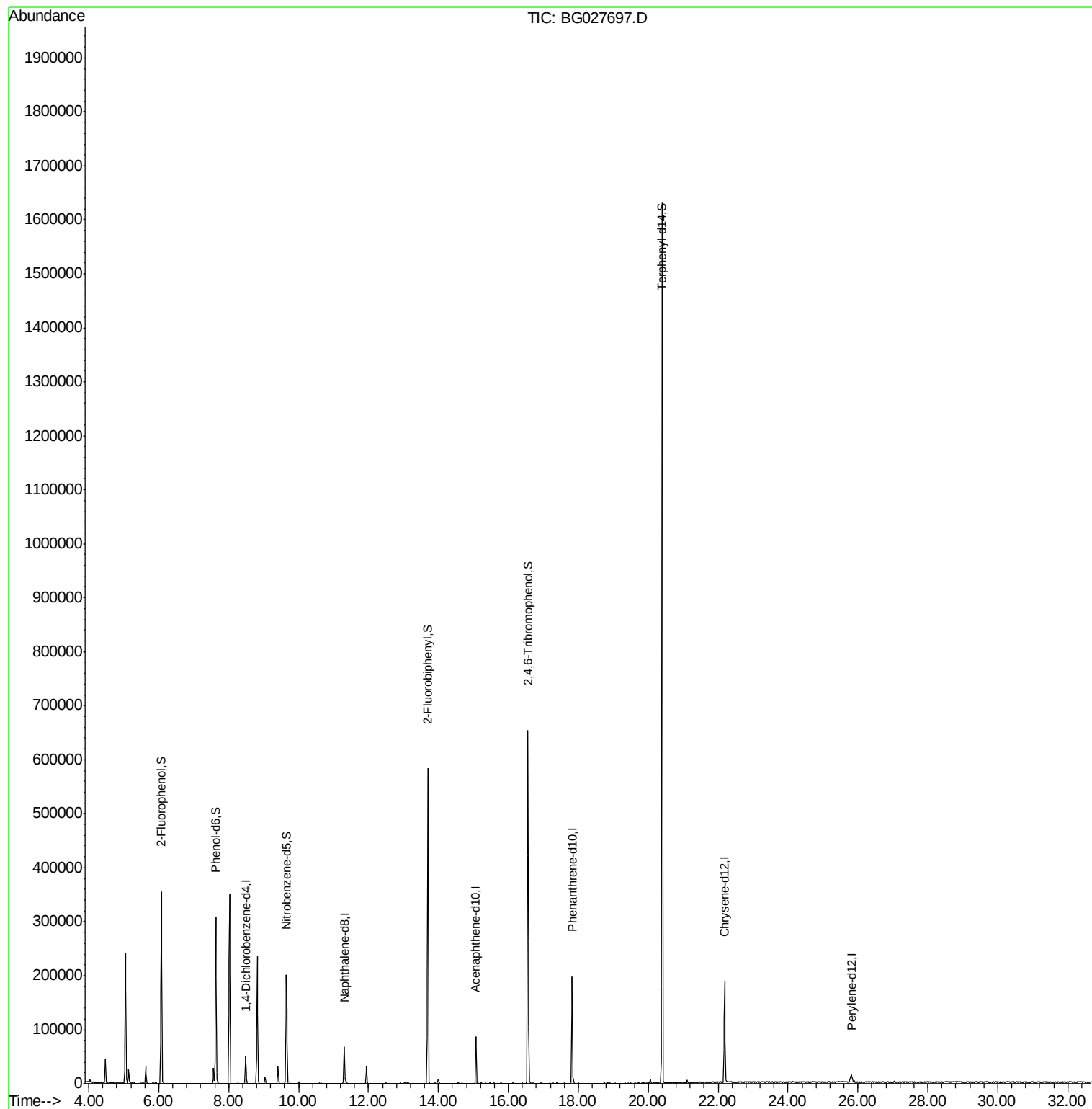
Target Compounds Qvalue

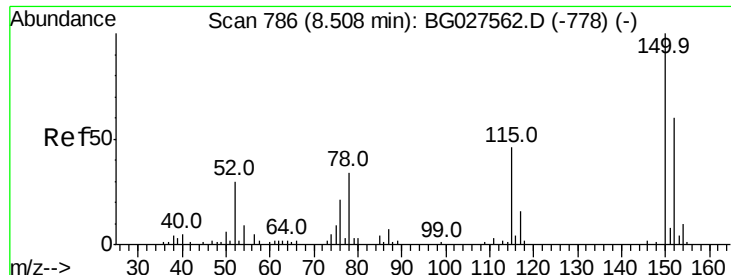
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.49 min Scan# 783

Delta R.T. -0.02 min

Lab File: BG027697.D

Acq: 27 Jun 2017 11:16

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-C

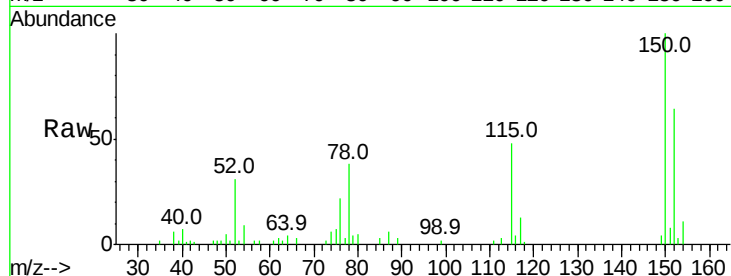
Tot Ion:152 Resp: 12843

Ion Ratio Lower Upper

152 100

150 156.4 114.0 171.0

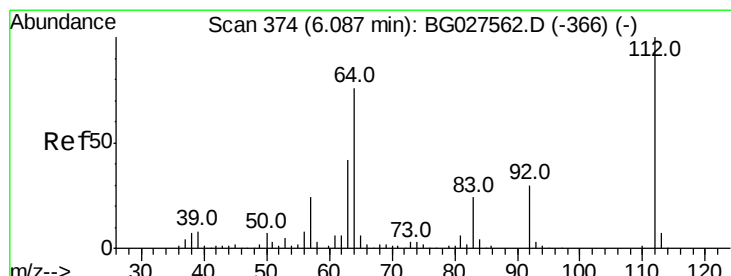
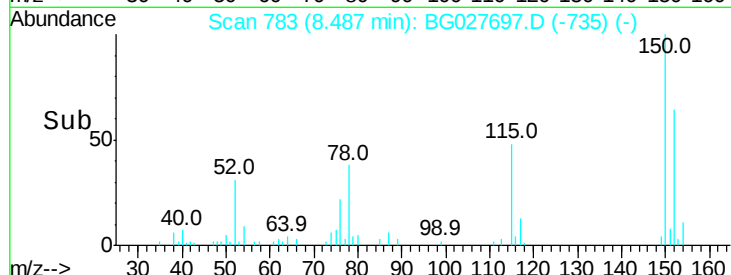
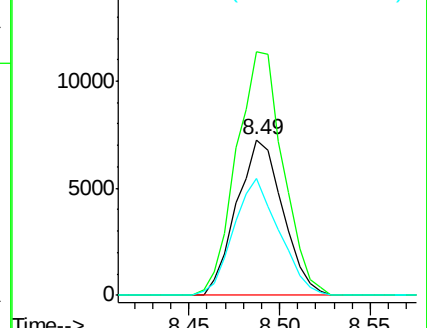
115 75.2 48.1 72.1#



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: 153.06 ng

RT: 6.07 min Scan# 372

Delta R.T. -0.01 min

Lab File: BG027697.D

Acq: 27 Jun 2017 11:16

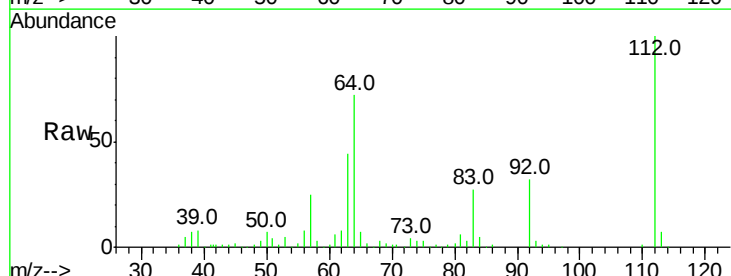
Tgt Ion:112 Resp: 138117

Ion Ratio Lower Upper

112 100

64 72.1 61.8 92.6

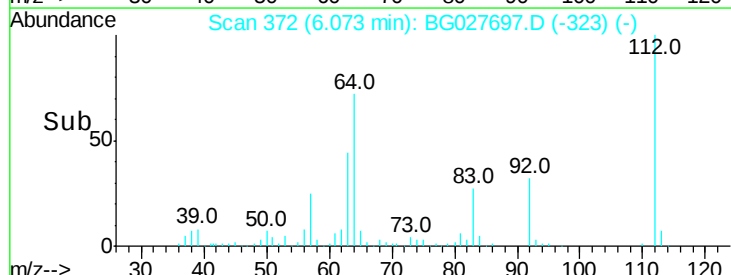
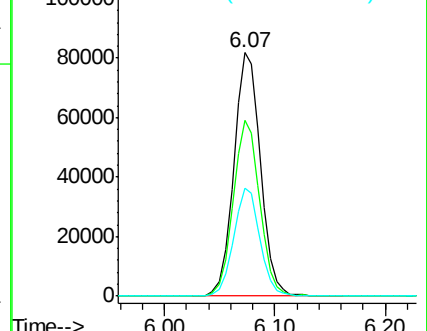
63 44.5 37.2 55.8

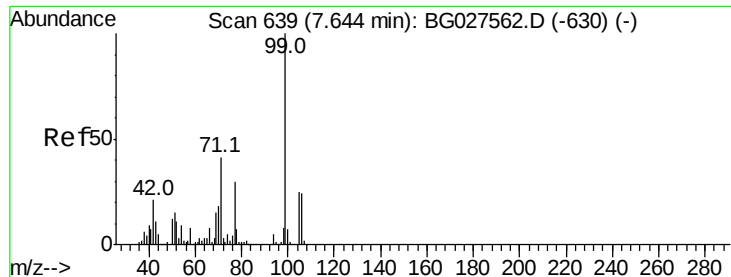


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.10 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027697.D

Acq: 27 Jun 2017 11:16

Instrument :

BNA_G

ClientSampleId :

EO-02-062317-C

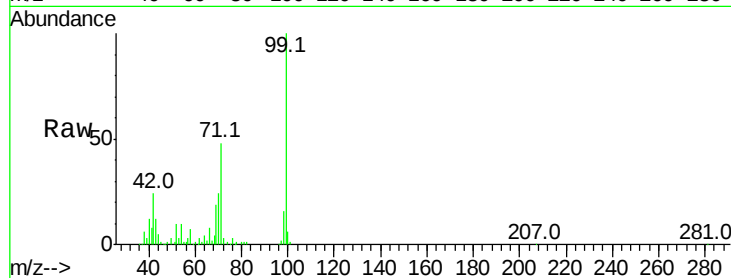
Tot Ion: 99 Resp: 149759

Ion Ratio Lower Upper

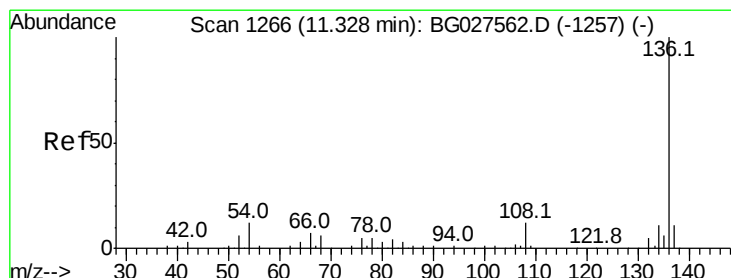
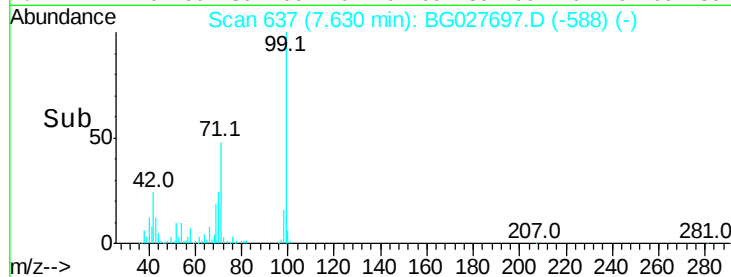
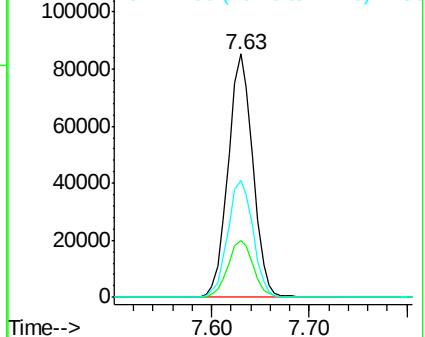
99 100

42 23.5 20.5 30.7

71 47.9 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: 20.00 ng

RT: 11.30 min Scan# 1262

Delta R.T. -0.03 min

Lab File: BG027697.D

Acq: 27 Jun 2017 11:16

Tgt Ion: 136 Resp: 59692

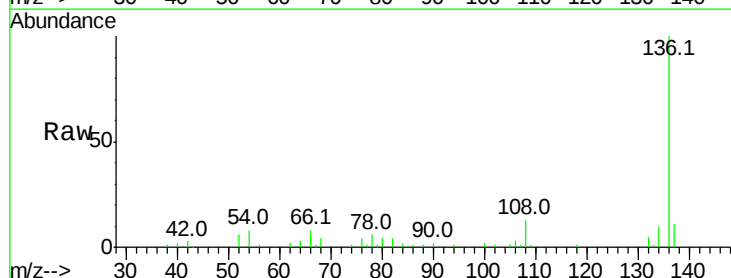
Ion Ratio Lower Upper

136 100

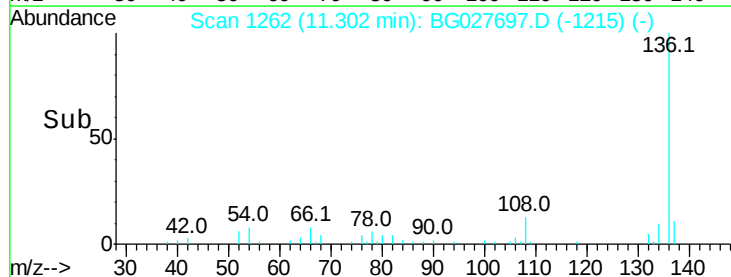
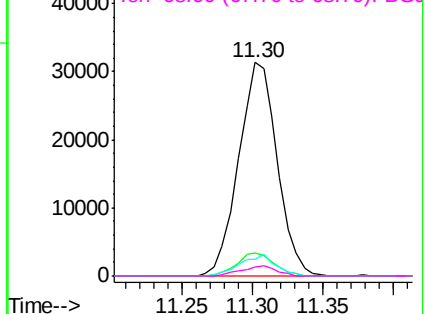
137 11.1 8.9 13.3

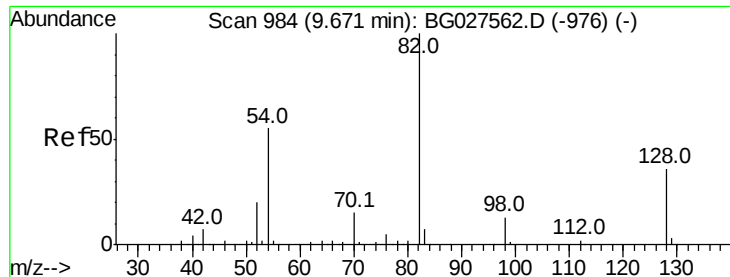
54 7.8 9.3 13.9#

68 4.5 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

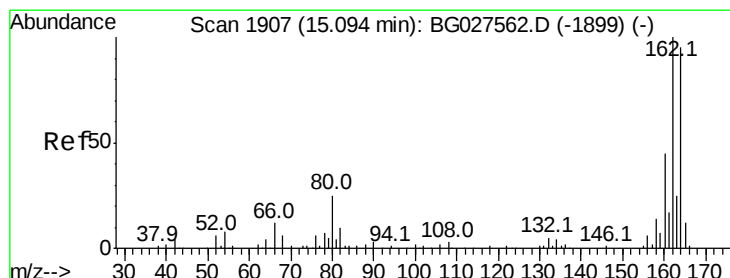
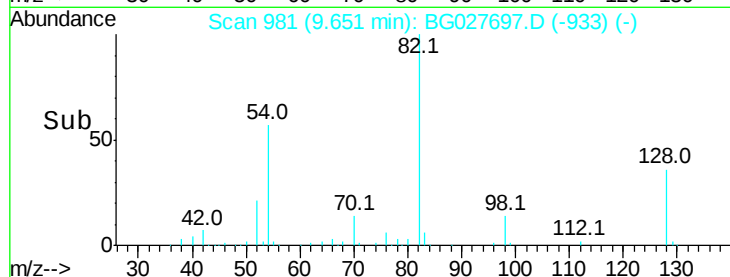
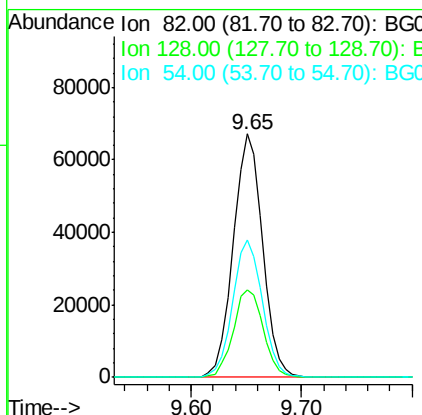
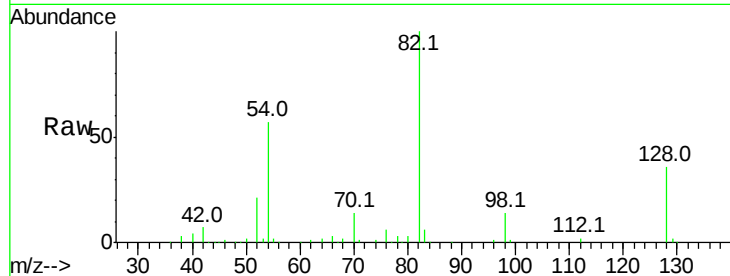




#23
Nitrobenzene-d5
Concen: 99.13 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027697.D
Acq: 27 Jun 2017 11:16

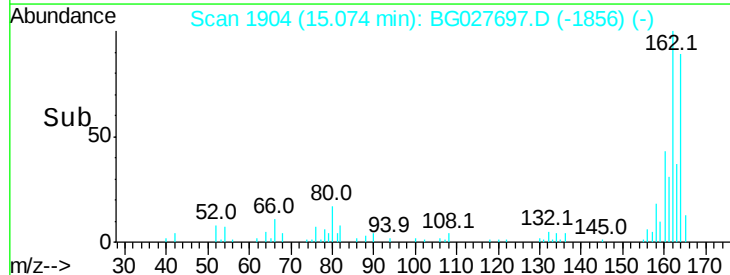
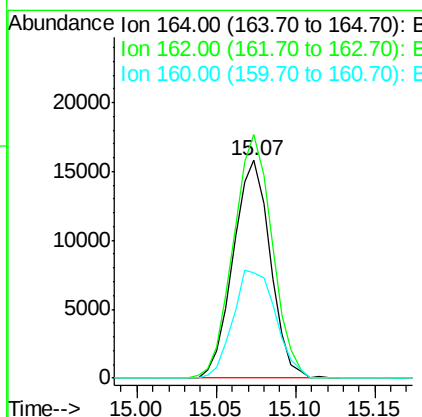
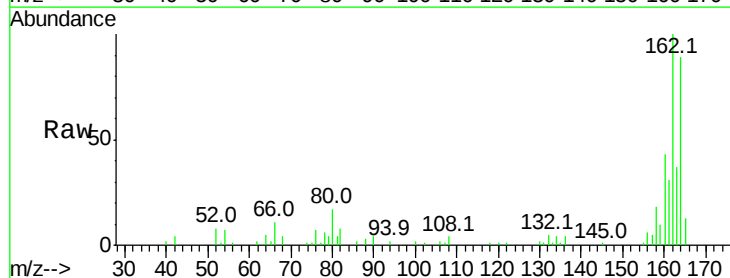
Instrument :
BNA_G
ClientSampleId :
EO-02-062317-C

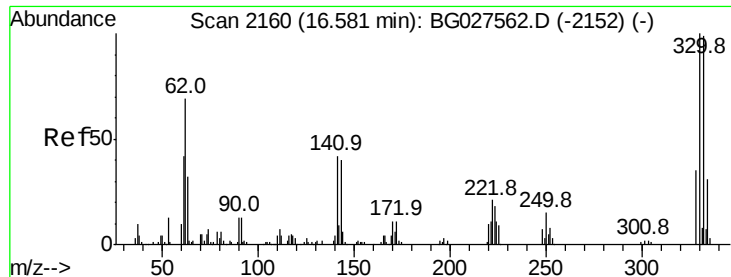
Tot Ion: 82 Resp: 125056
Ion Ratio Lower Upper
82 100
128 35.7 26.4 39.6
54 56.6 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027697.D
Acq: 27 Jun 2017 11:16

Tgt Ion:164 Resp: 25612
Ion Ratio Lower Upper
164 100
162 111.9 85.1 127.7
160 48.5 34.7 52.1

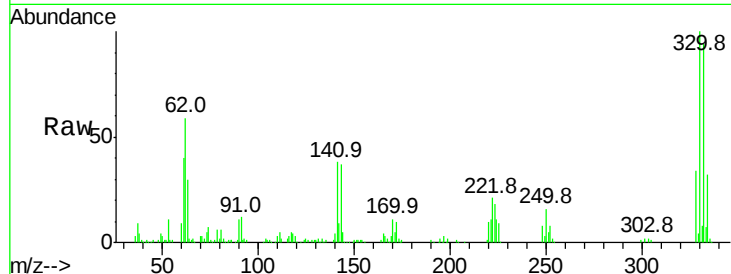




#41
 2,4,6-Tribromophenol
 Concen: 300.13 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027697.D
 Acq: 27 Jun 2017 11:16

Instrument :
 BNA_G
 ClientSampleId :
 EO-02-062317-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	40.7	32.1	48.1

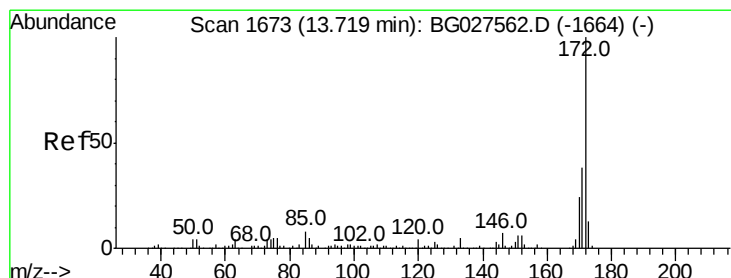
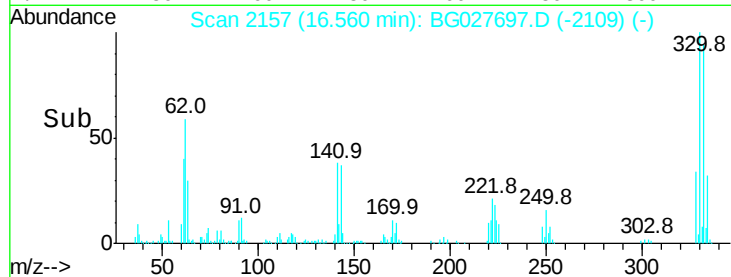
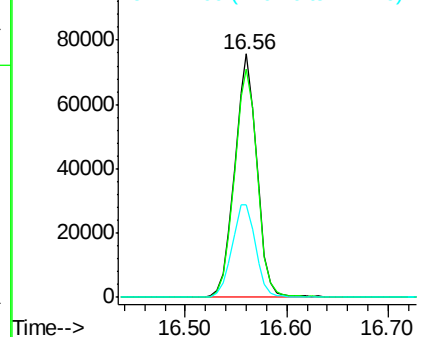


Abundance

Ion 329.80 (329.50 to 330.50): E

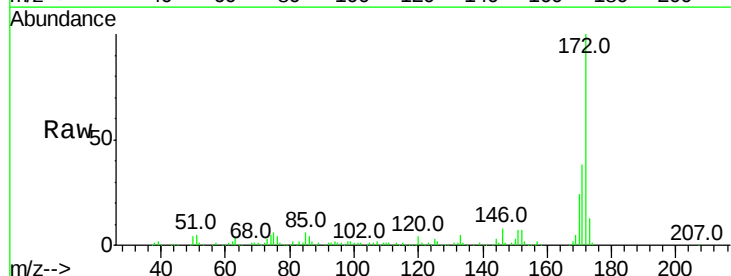
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 154.16 ng
 RT: 13.70 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BG027697.D
 Acq: 27 Jun 2017 11:16

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

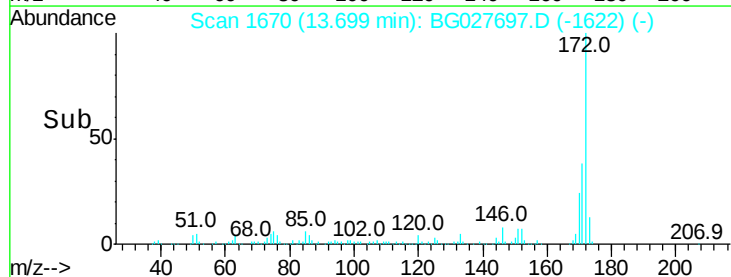
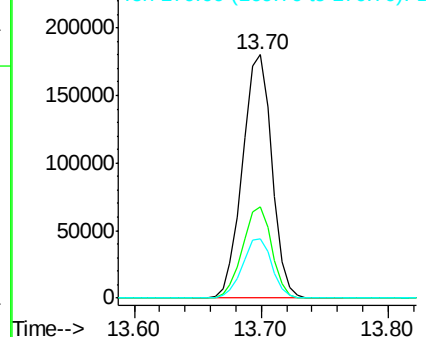


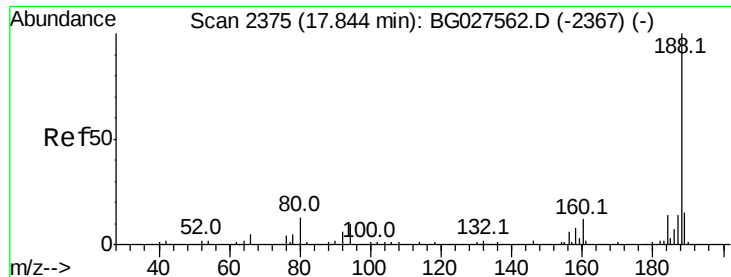
Abundance

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

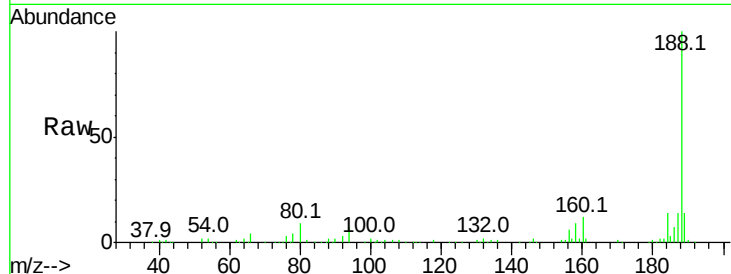




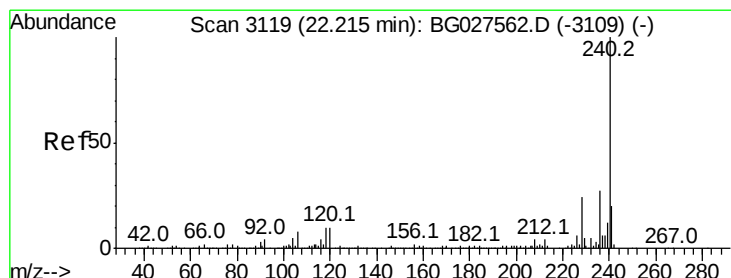
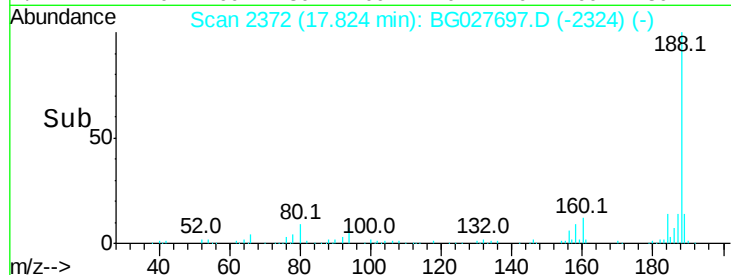
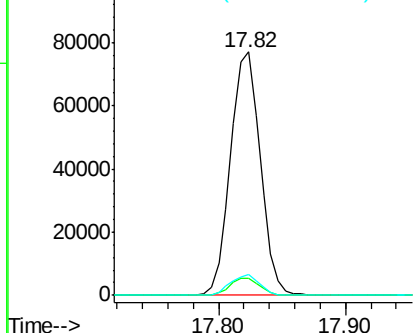
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 2372
Delta R.T. -0.02 min
Lab File: BG027697.D
Acq: 27 Jun 2017 11:16

Instrument :
BNA_G
ClientSampleId :
EO-02-062317-C

Tot Ion:188 Resp: 125054
Ion Ratio Lower Upper
188 100
94 6.9 5.8 8.8
80 8.7 7.5 11.3

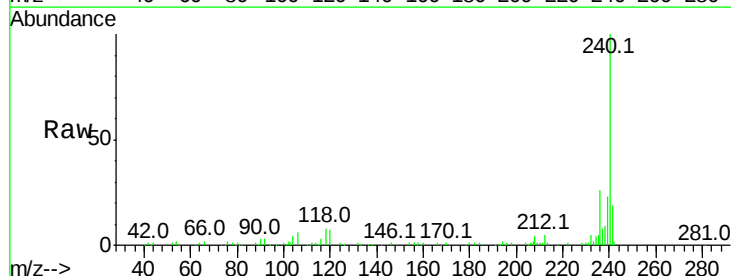


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

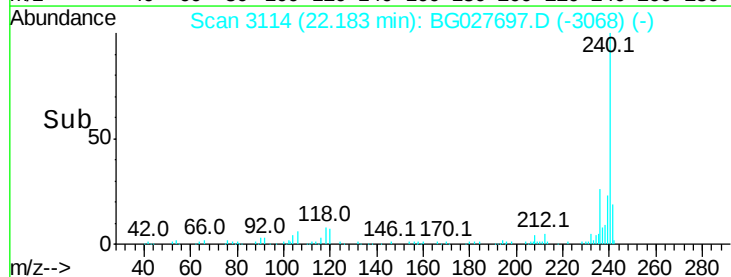
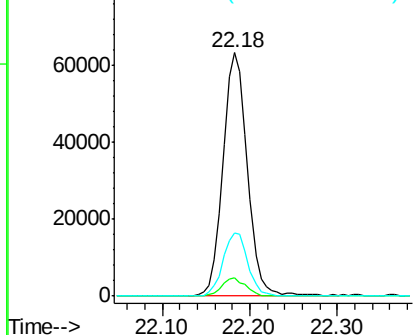


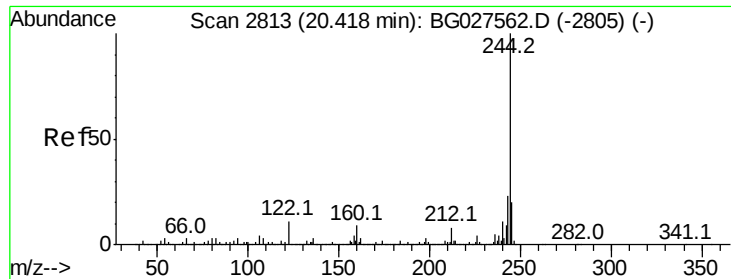
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.18 min Scan# 3114
Delta R.T. -0.03 min
Lab File: BG027697.D
Acq: 27 Jun 2017 11:16

Tgt Ion:240 Resp: 121649
Ion Ratio Lower Upper
240 100
120 7.4 5.7 8.5
236 25.7 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

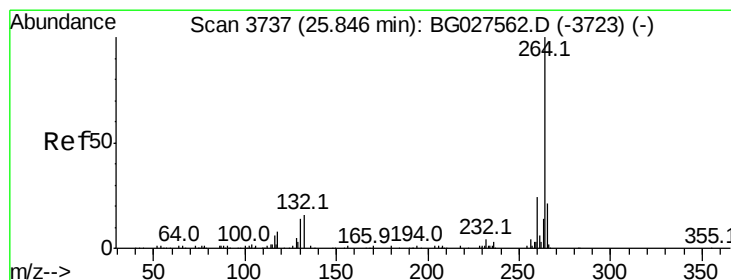
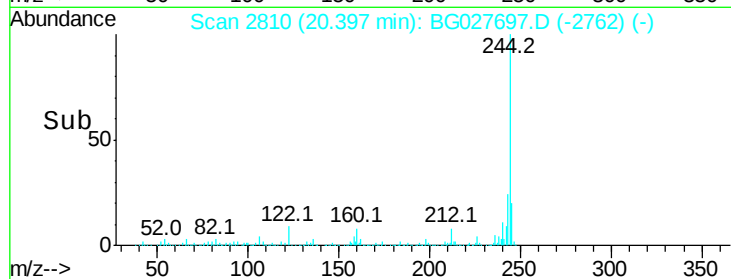
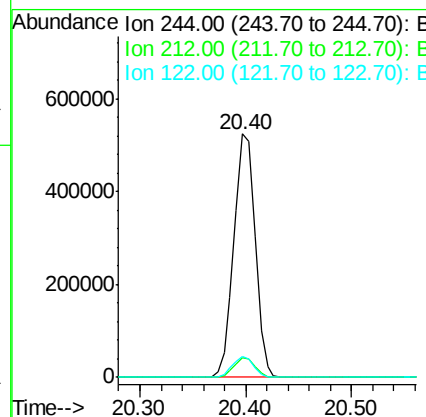
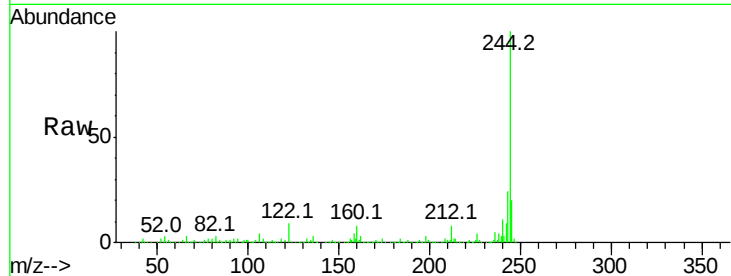




#78
 Terphenyl-d14
 Concen: 141.27 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027697.D
 Acq: 27 Jun 2017 11:16

Instrument :
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 ClientSampleId :
 EO-02-062317-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	8.8	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3730
 Delta R.T. -0.04 min
 Lab File: BG027697.D
 Acq: 27 Jun 2017 11:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	28.3	21.8	32.8
265	25.1	18.2	27.4

