

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
 Data File : BG035397.D
 Acq On : 26 Jun 2018 4:31
 Operator : JU/SJ
 Sample : J3676-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-9-13

Quant Time: Jun 26 07:24:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48331	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	187251	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	132623	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	355595	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	385620	20.00	ng	-0.04
86) Perylene-d12	24.90	264	347687	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	410308	143.27	ng	-0.02
7) Phenol-d6	7.21	99	551586	130.49	ng	-0.01
23) Nitrobenzene-d5	9.21	82	407770	103.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	296530	174.66	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	934007	91.55	ng	-0.03
78) Terphenyl-d14	20.02	244	1775276	96.43	ng	-0.02

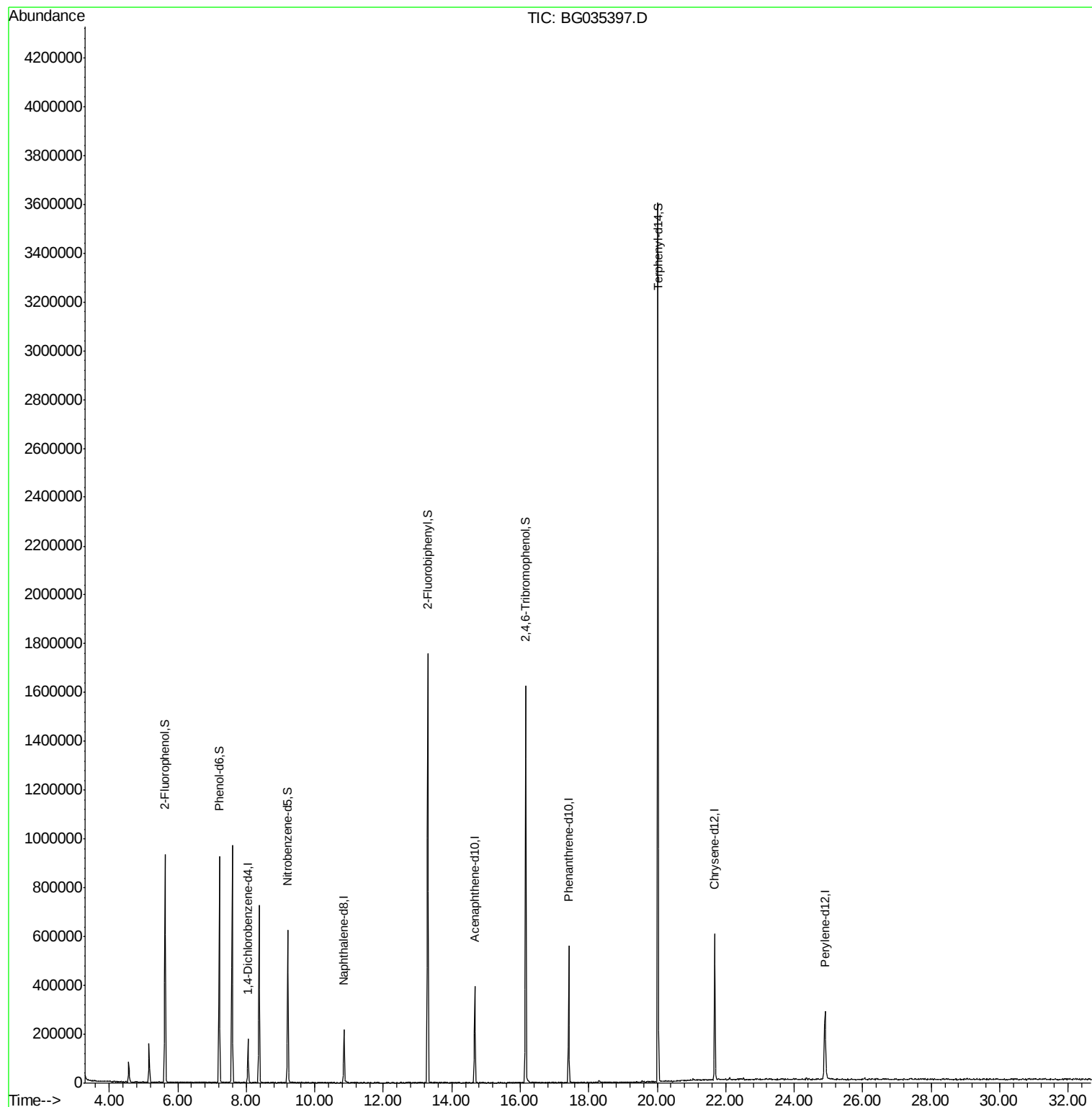
Target Compounds Qvalue

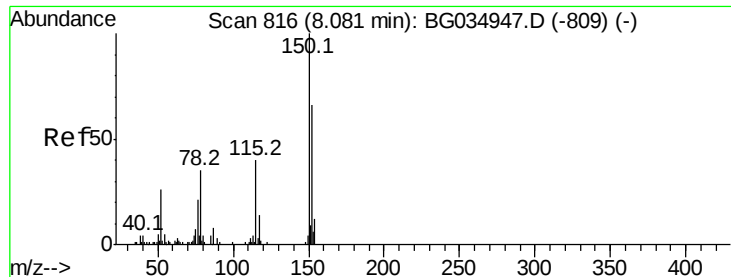
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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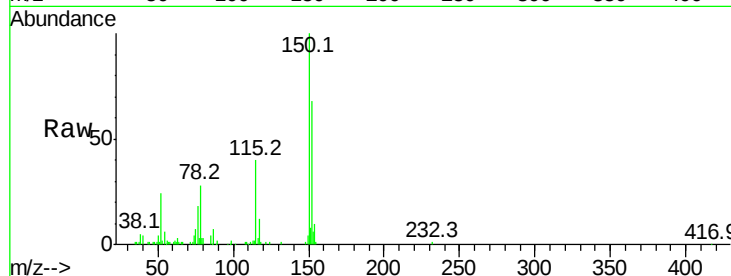


#1

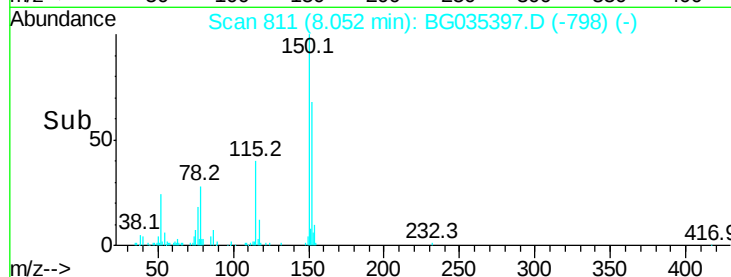
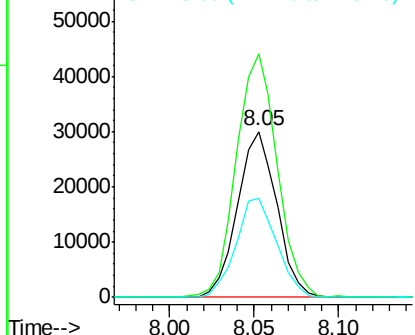
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Instrument :
BNA_G
ClientSampleId :
RO-9-13

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	126.6	189.8
115	59.4	53.0	79.4



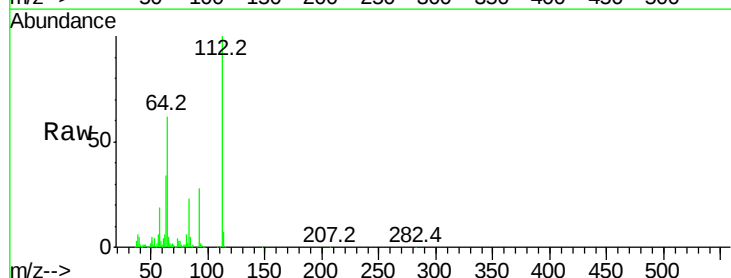
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



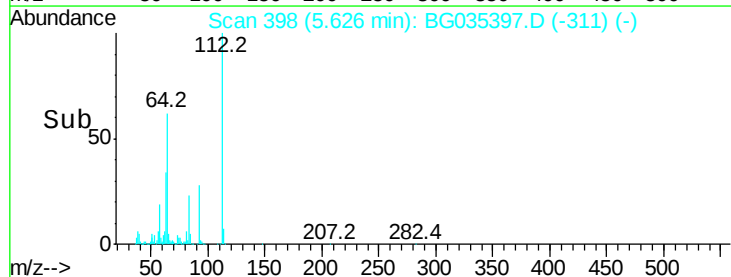
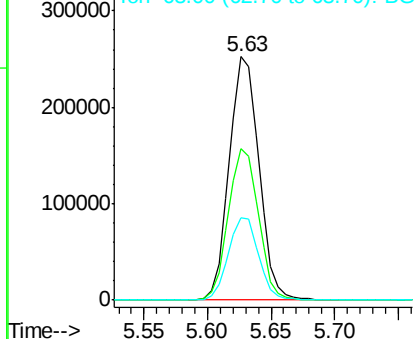
#5

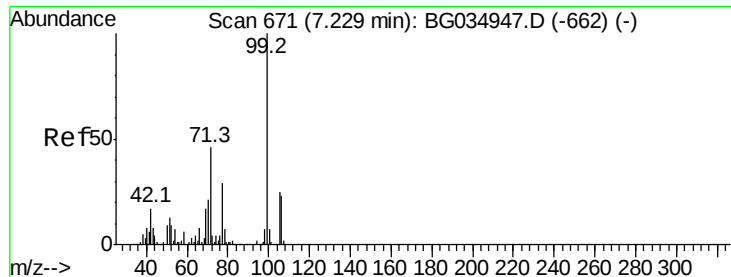
2-Fluorophenol
Concen: 143.270 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.2	56.3	84.5
63	33.6	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 130.494 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Instrument :

BNA_G

ClientSampleId :

RO-9-13

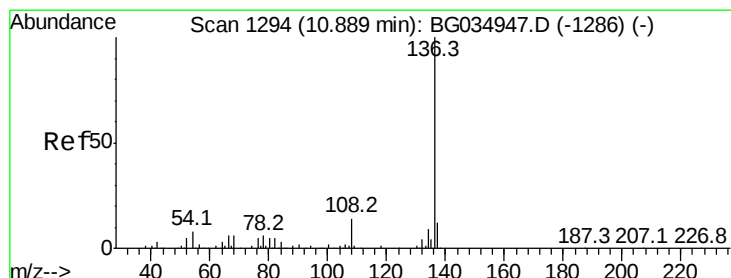
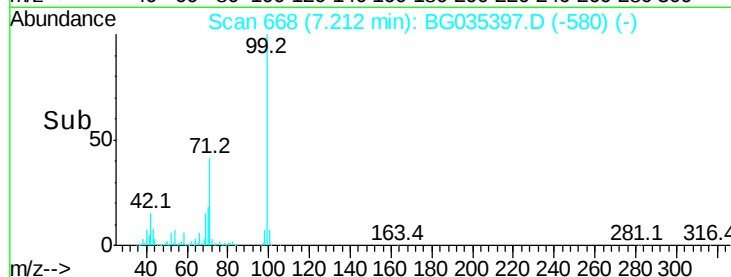
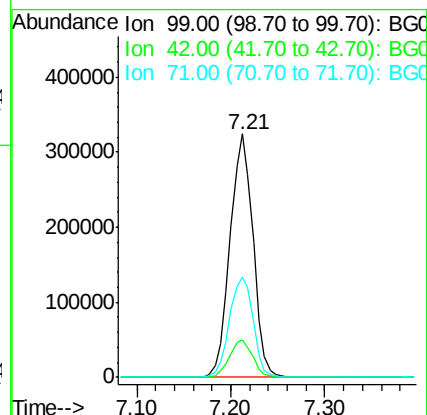
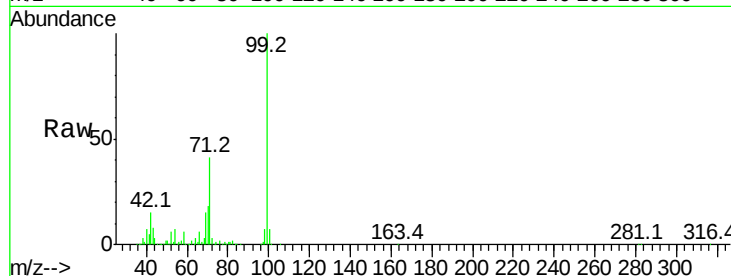
Tot Ion: 99 Resp: 551586

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 41.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Tgt Ion: 136 Resp: 187251

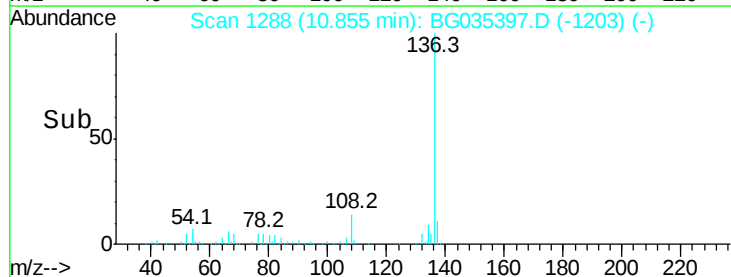
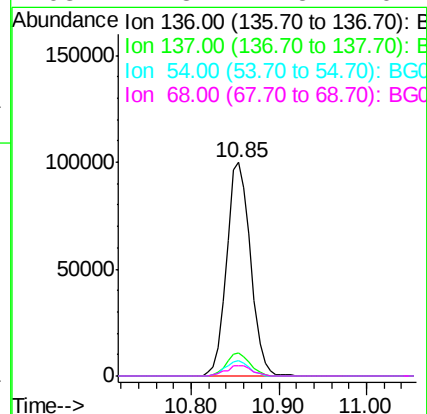
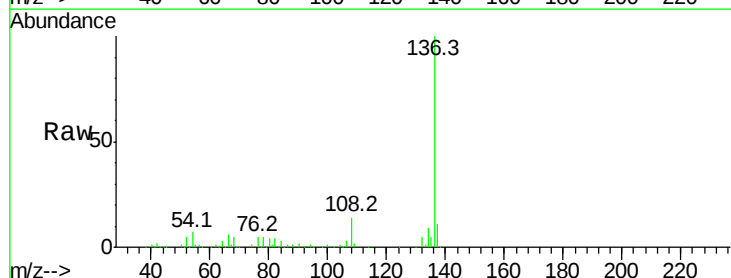
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 7.1 10.3 15.5#

68 4.8 4.5 6.7

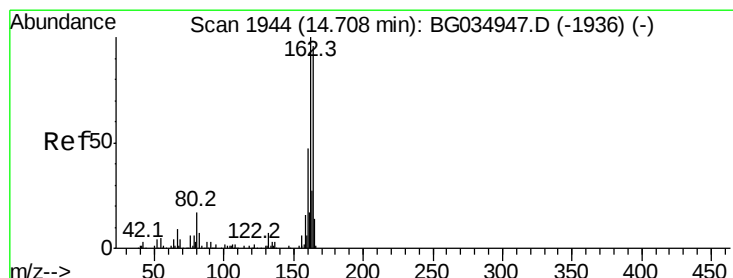
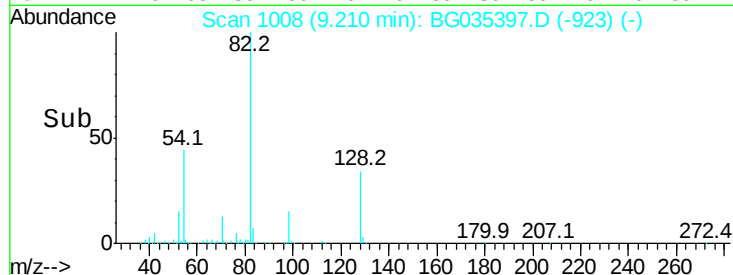
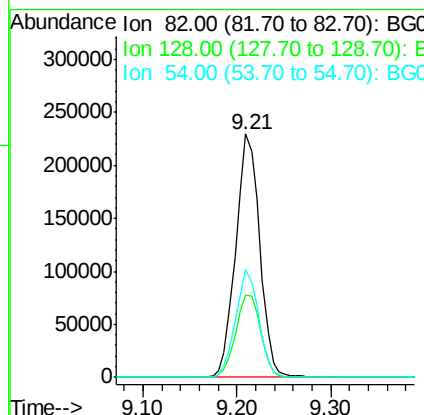
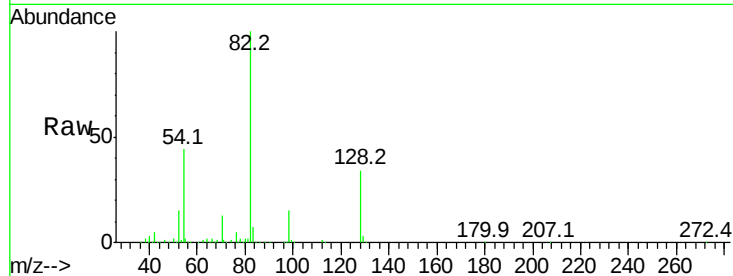




#23
Nitrobenzene-d5
Concen: 103.514 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

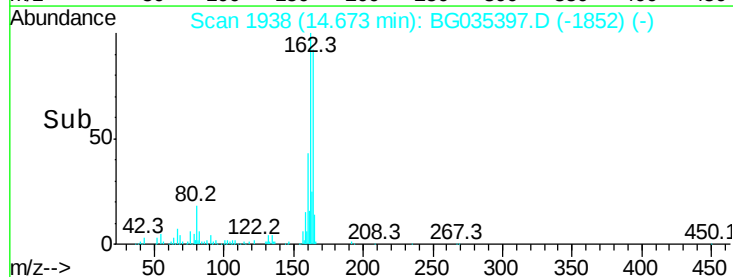
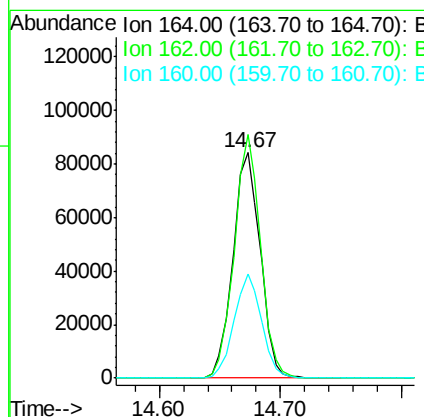
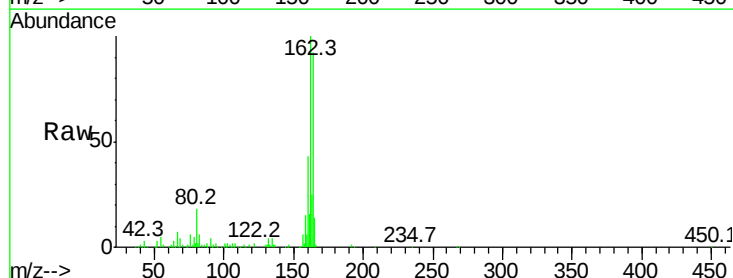
Instrument :
BNA_G
ClientSampleId :
RO-9-13

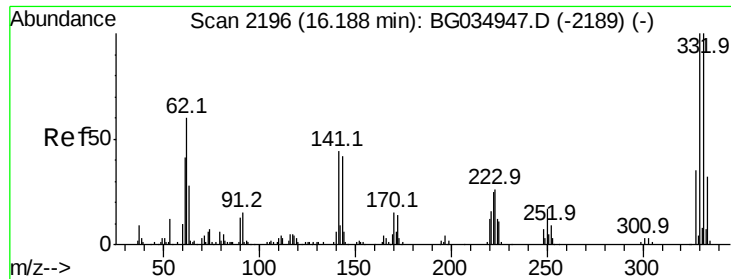
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	44.2	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035397.D
Acq: 26 Jun 2018 4:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.1	78.8	118.2
160	46.4	35.4	53.0

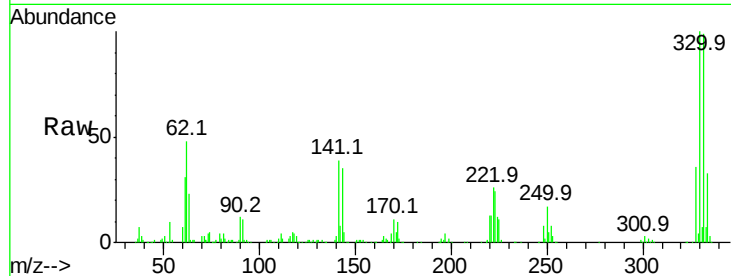




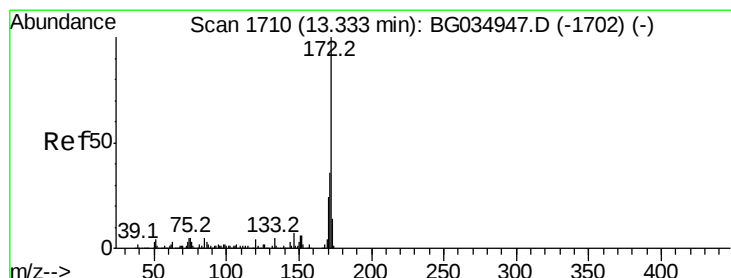
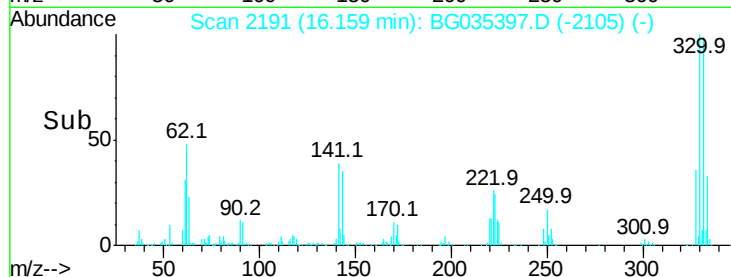
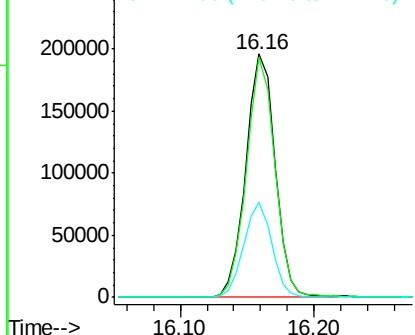
#41
 2,4,6-Tribromophenol
 Concen: 174.661 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035397.D
 Acq: 26 Jun 2018 4:31

Instrument :
 BNA_G
 ClientSampleId :
 RO-9-13

Tot Ion:330 Resp: 296530
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.9 25.2 37.8#

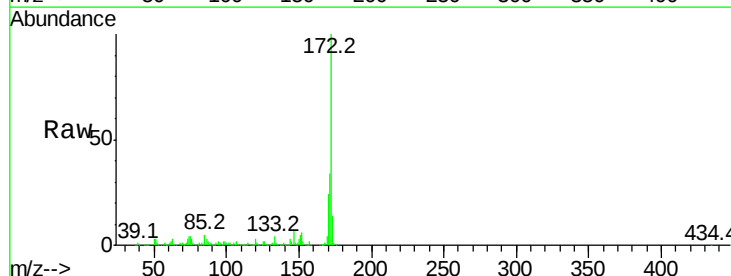


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

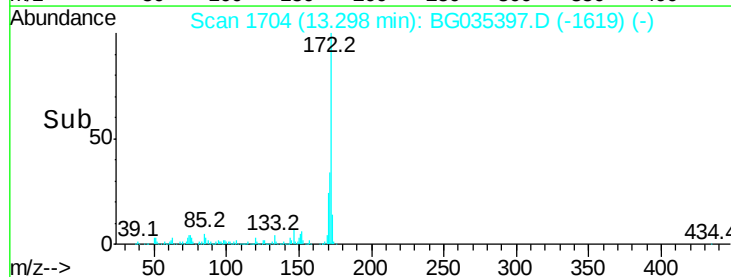
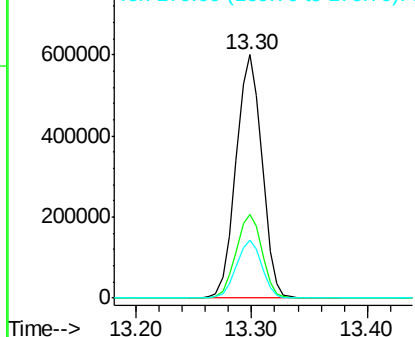


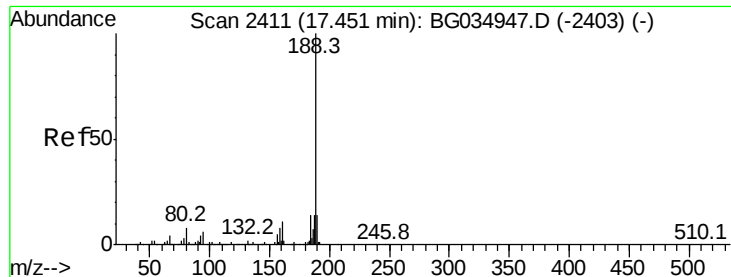
#44
 2-Fluorobiphenyl
 Concen: 91.553 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035397.D
 Acq: 26 Jun 2018 4:31

Tgt Ion:172 Resp: 934007
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 23.7 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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Instrument :

BNA_G

ClientSampleId :

RO-9-13

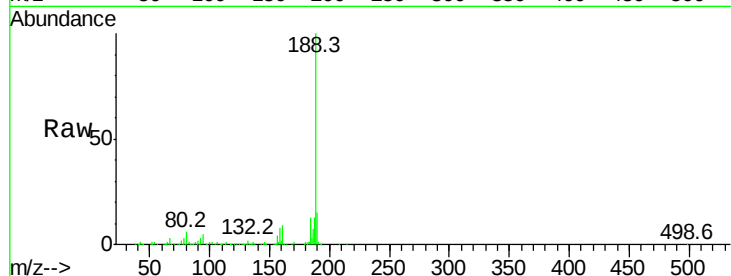
Tot Ion:188 Resp: 355595

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

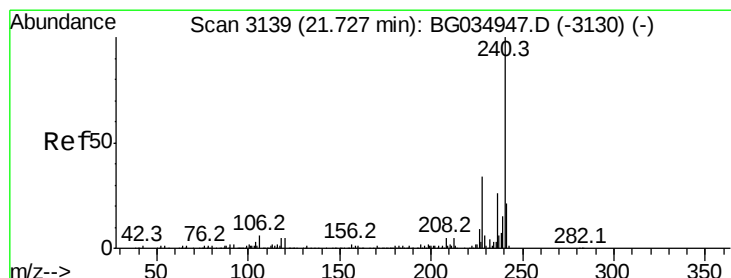
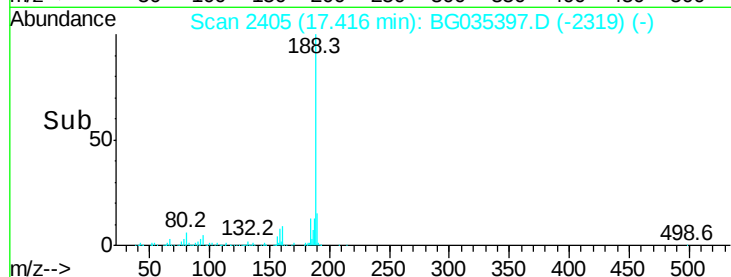
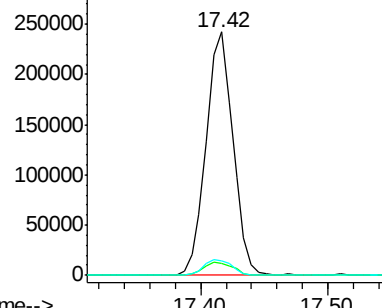
80 6.0 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

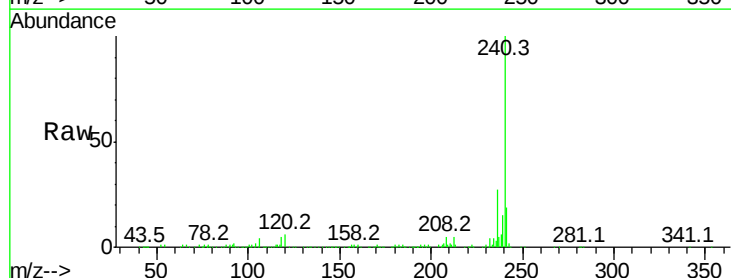
Tgt Ion:240 Resp: 385620

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

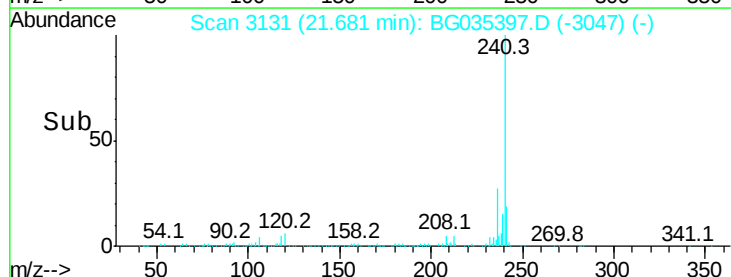
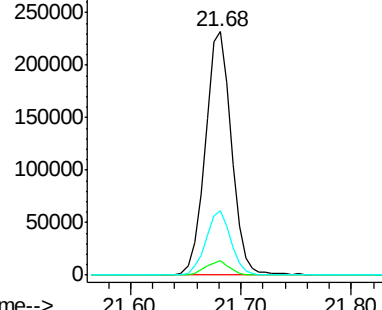
236 26.6 20.9 31.3

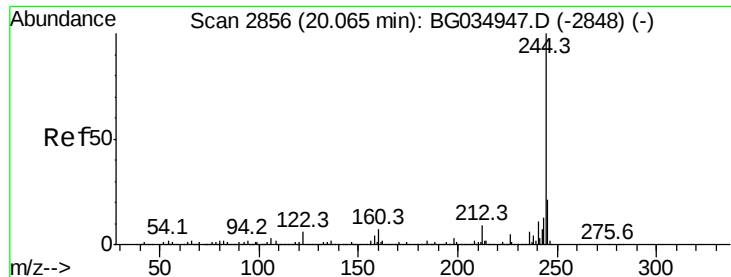


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.432 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

Instrument :

BNA_G

ClientSampleId :

RO-9-13

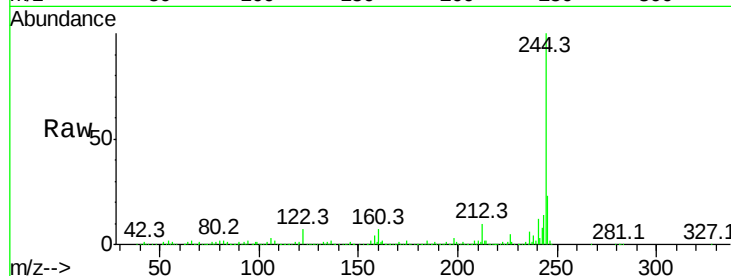
Tot Ion:244 Resp: 1775276

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

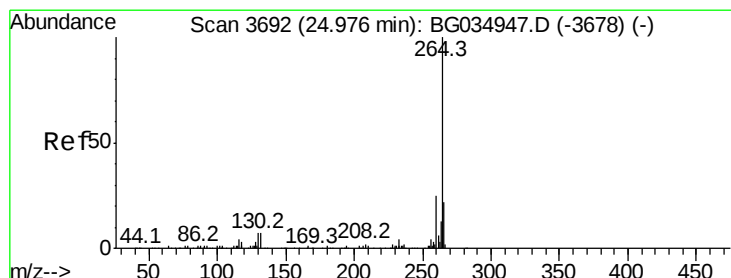
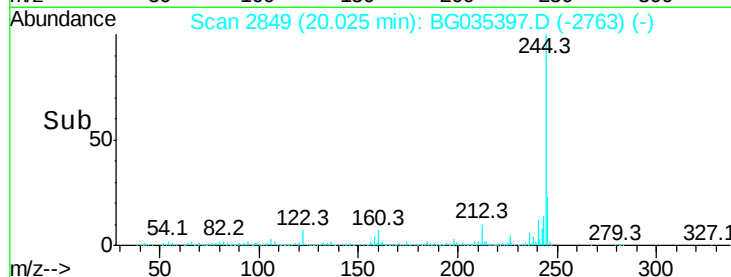
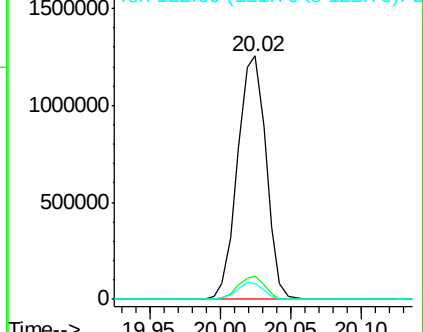
122 6.7 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035397.D

Acq: 26 Jun 2018 4:31

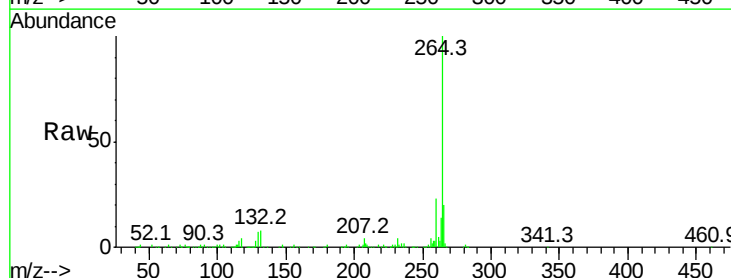
Tgt Ion:264 Resp: 347687

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.2 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

