

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031991.D
 Acq On : 11 Jan 2018 19:31
 Operator : SJ/JU
 Sample : J1067-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27007

Quant Time: Jan 12 05:09:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	89517	20.00	ng	0.00
21) Naphthalene-d8	11.66	136	358239	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	226930	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	487022	20.00	ng	0.00
75) Chrysene-d12	22.48	240	580781	20.00	ng	0.00
86) Perylene-d12	26.22	264	642509	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	632221	128.64	ng	0.00
7) Phenol-d6	7.89	99	714770	112.02	ng	0.00
23) Nitrobenzene-d5	9.98	82	530267	111.77	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	528490	152.63	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1752191	96.91	ng	0.00
78) Terphenyl-d14	20.68	244	2392349	94.11	ng	0.00

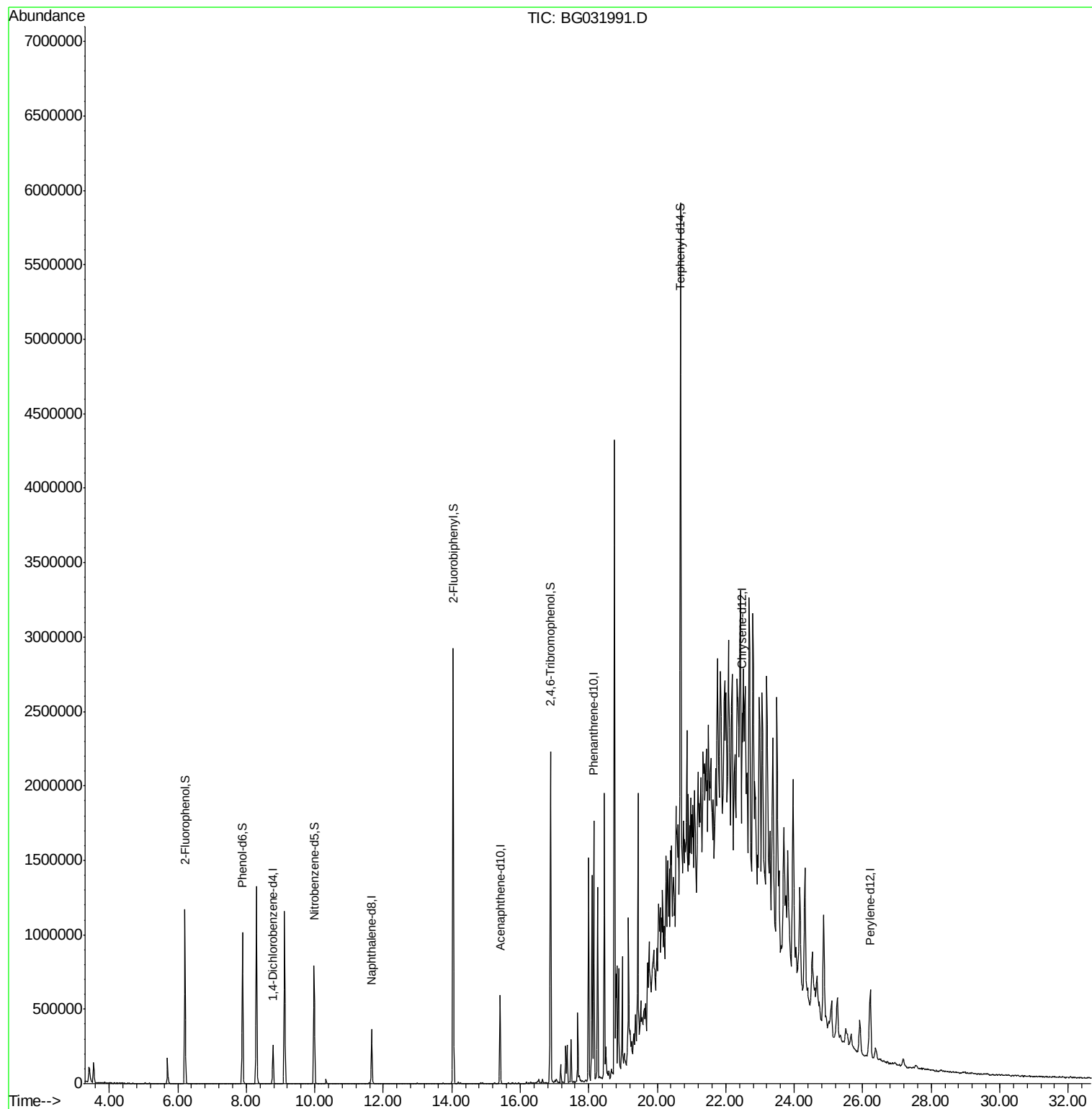
Target Compounds Qvalue

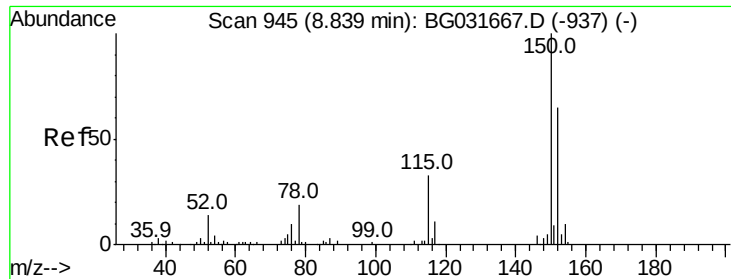
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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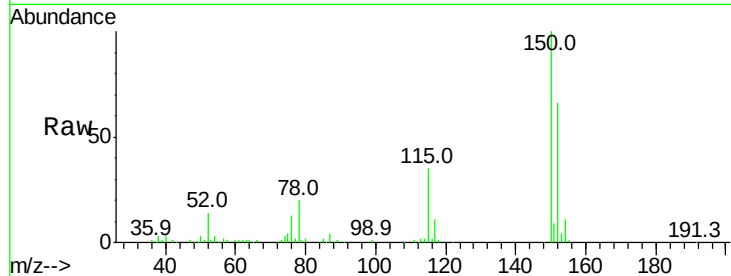


#1

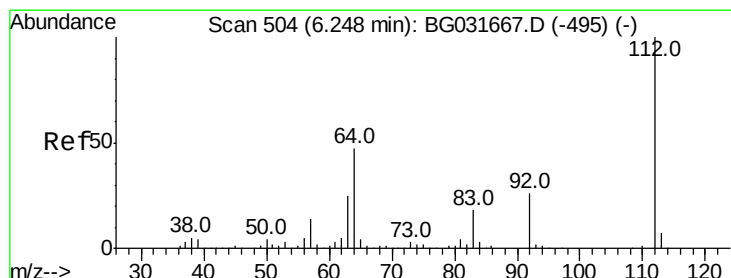
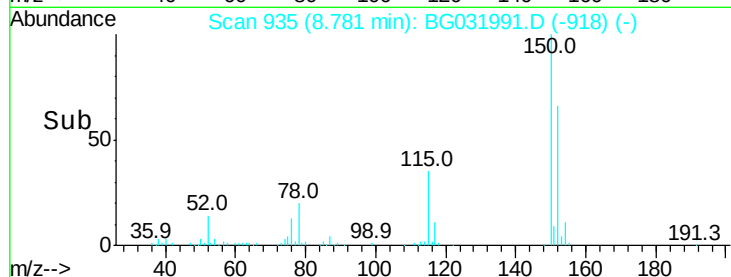
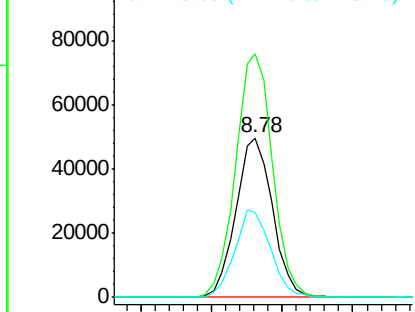
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Instrument :
BNA_G
ClientSampleId :
CHRT-27007

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.6	189.8
115	53.1	53.0	79.4



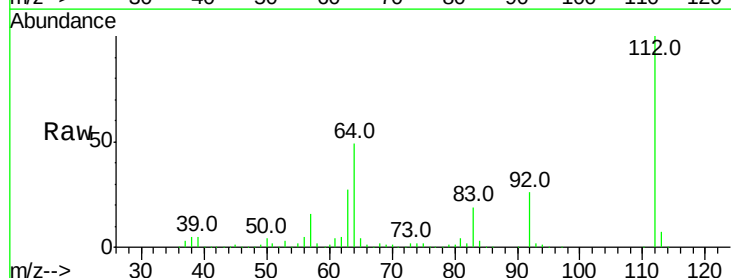
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



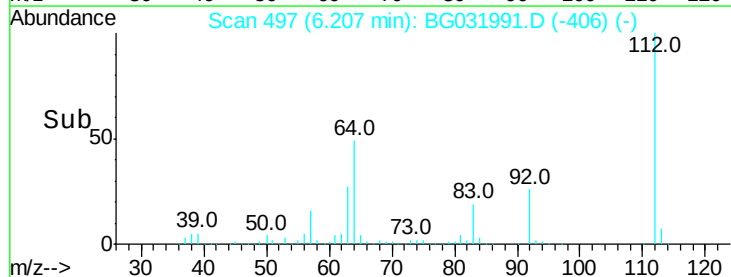
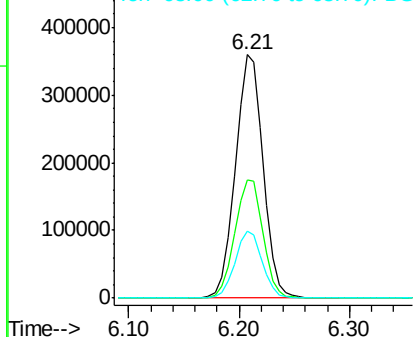
#5

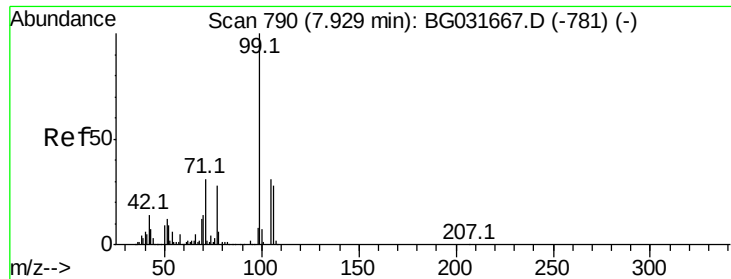
2-Fluorophenol
Concen: 128.637 ng
RT: 6.21 min Scan# 497
Delta R.T. 0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	56.3	84.5#
63	27.4	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: 112.015 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :

BNA_G

ClientSampleId :

CHRT-27007

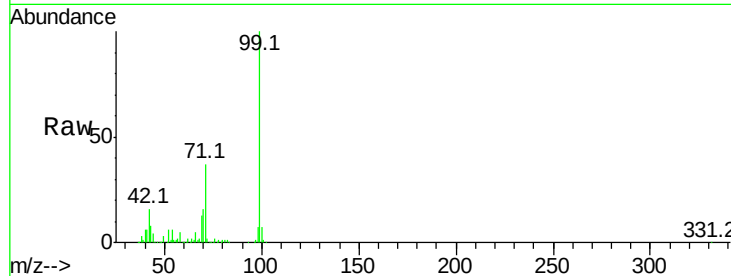
Tot Ion: 99 Resp: 714770

Ion Ratio Lower Upper

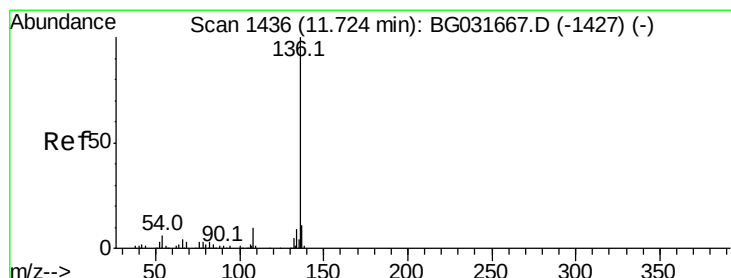
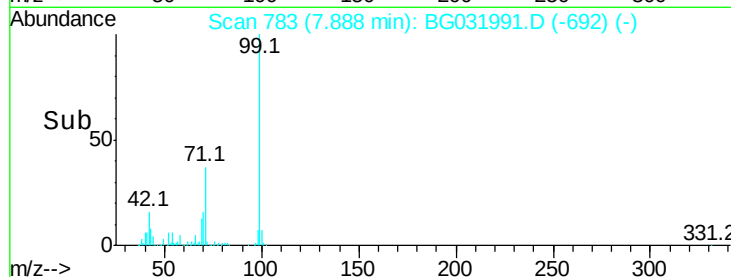
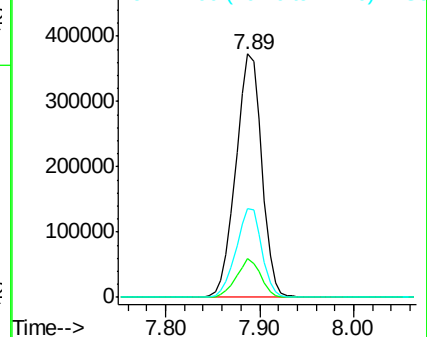
99 100

42 15.7 14.1 21.1

71 36.6 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: 11.66 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Tgt Ion: 136 Resp: 358239

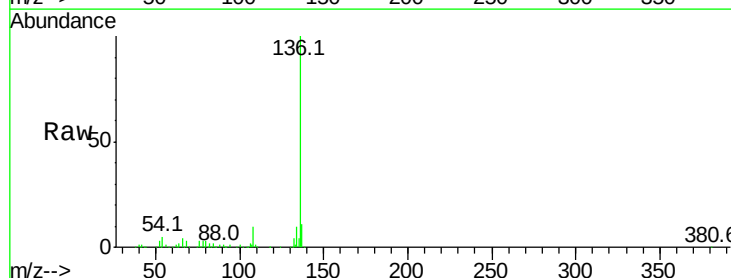
Ion Ratio Lower Upper

136 100

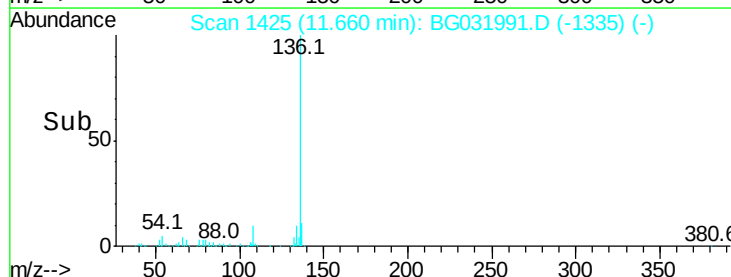
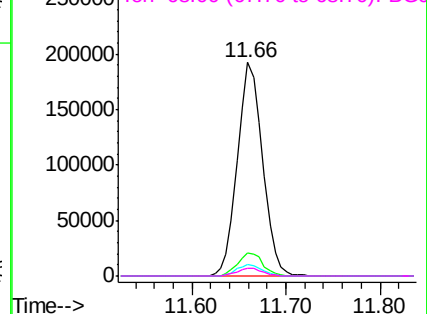
137 10.9 9.2 13.8

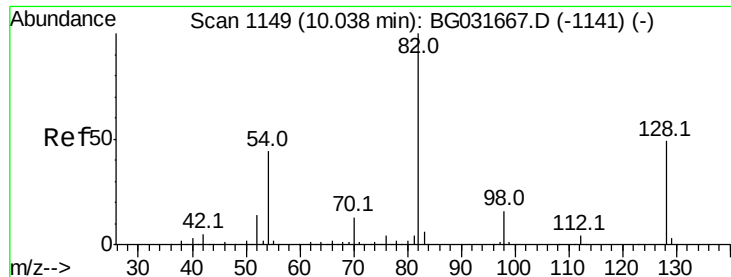
54 5.1 10.3 15.5#

68 3.4 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

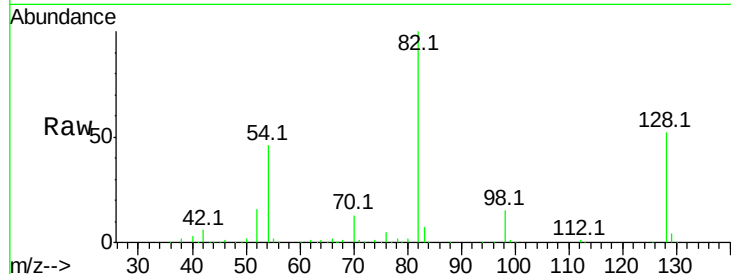




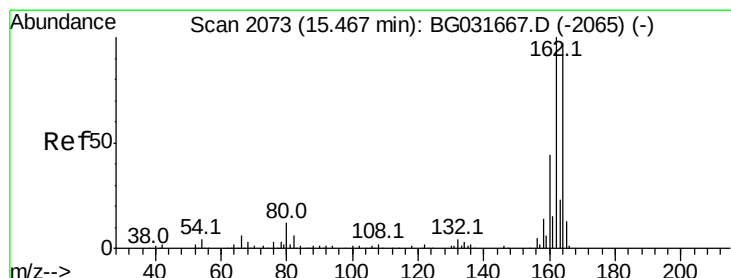
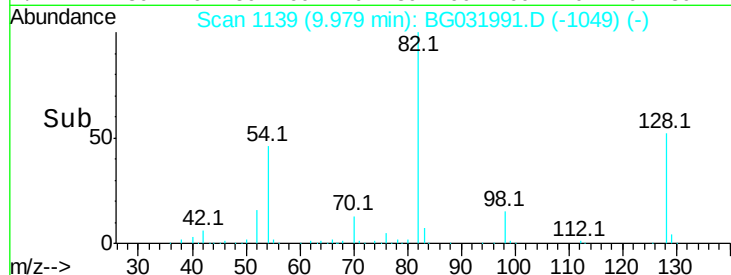
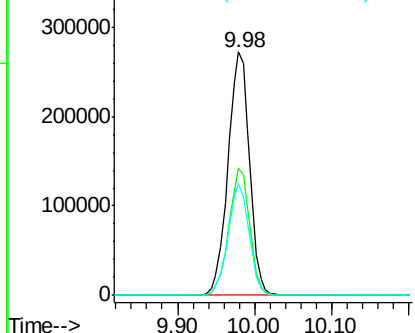
#23
Nitrobenzene-d5
Concen: 111.773 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Instrument :
BNA_G
ClientSampleId :
CHRT-27007

Tot Ion: 82 Resp: 530267
Ion Ratio Lower Upper
82 100
128 52.3 29.7 44.5#
54 45.9 43.1 64.7

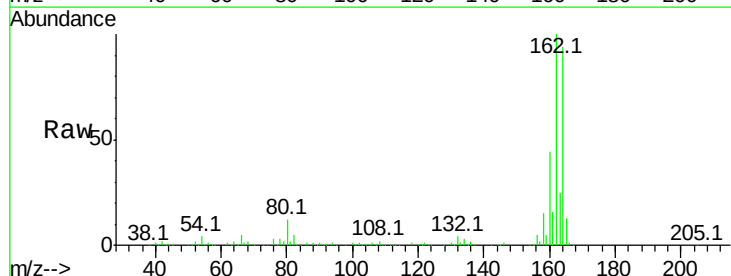


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

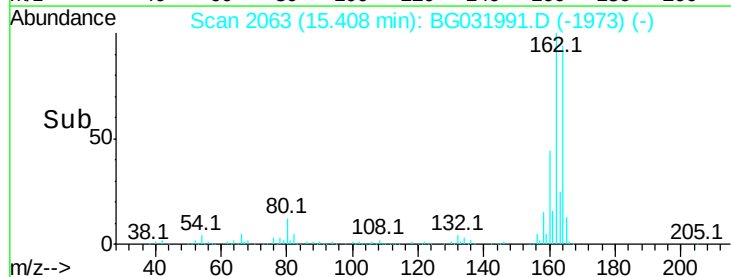
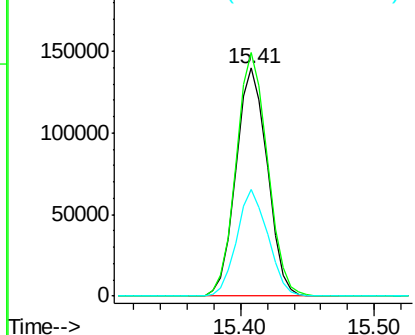


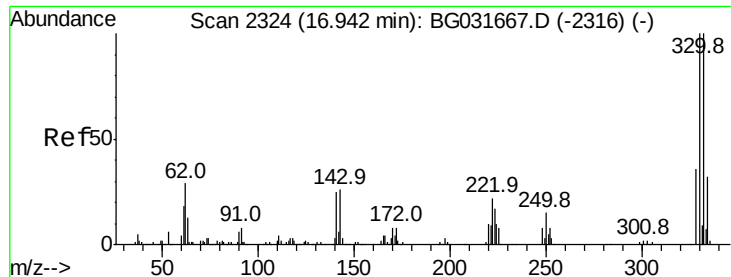
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG031991.D
Acq: 11 Jan 2018 19:31

Tgt Ion:164 Resp: 226930
Ion Ratio Lower Upper
164 100
162 106.7 78.8 118.2
160 47.0 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

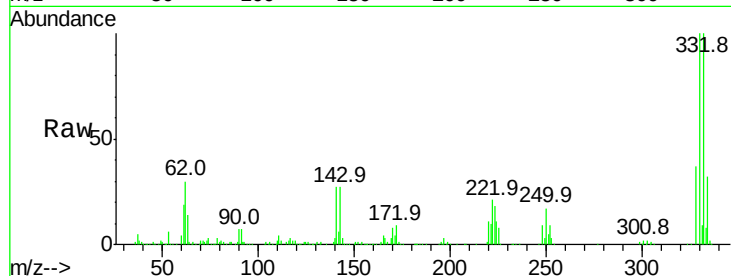




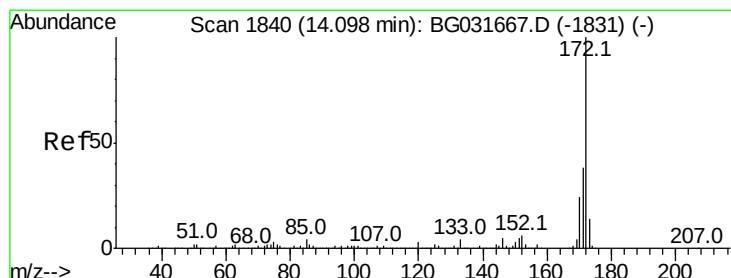
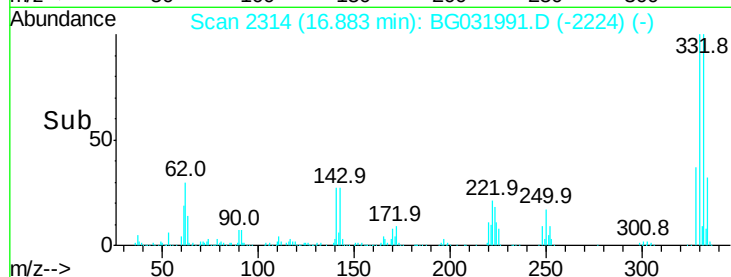
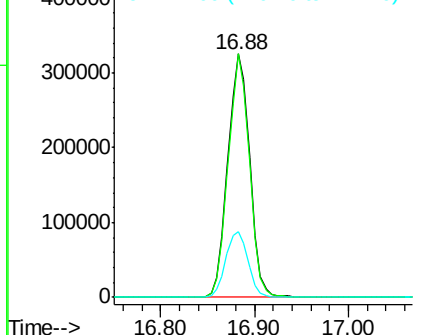
#41
 2,4,6-Tribromophenol
 Concen: 152.626 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG031991.D
 Acq: 11 Jan 2018 19:31

Instrument :
 BNA_G
 ClientSampleId :
 CHRT-27007

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.3	25.2	37.8

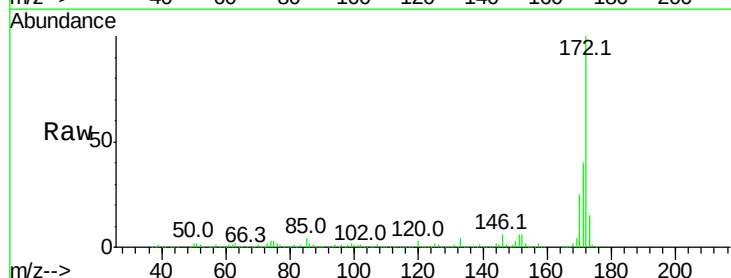


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

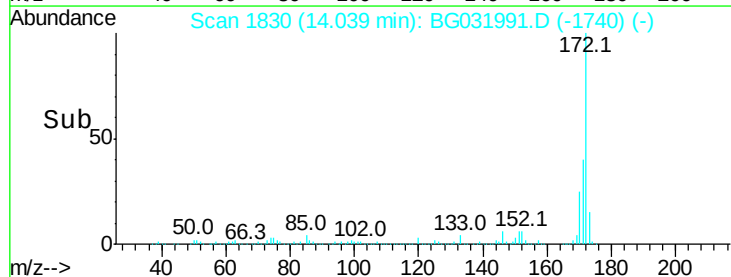
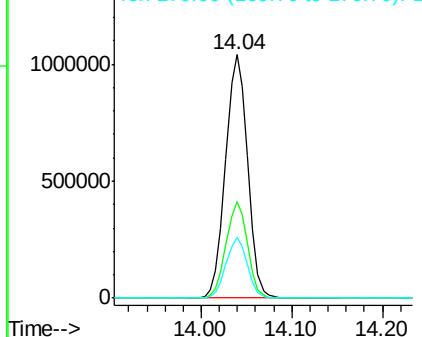


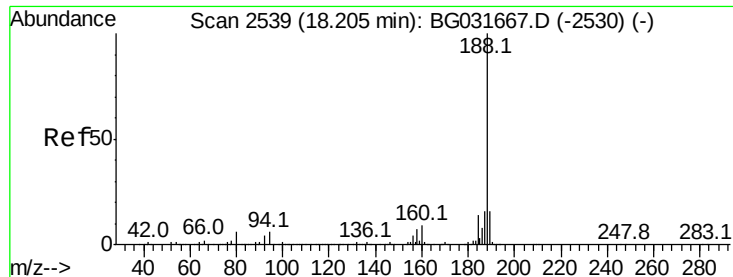
#44
 2-Fluorobiphenyl
 Concen: 96.912 ng
 RT: 14.04 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BG031991.D
 Acq: 11 Jan 2018 19:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.0	45.0
170	25.0	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: 18.14 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :

BNA_G

ClientSampleId :

CHRT-27007

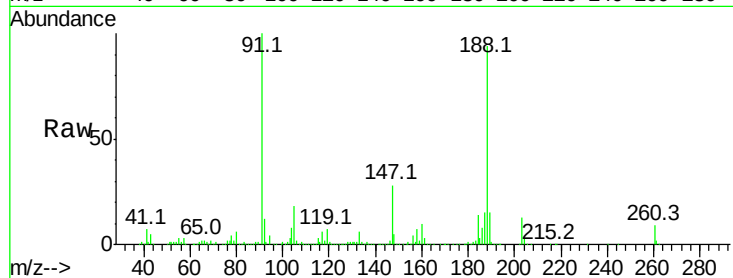
Tot Ion:188 Resp: 487022

Ion Ratio Lower Upper

188 100

94 4.8 6.9 10.3#

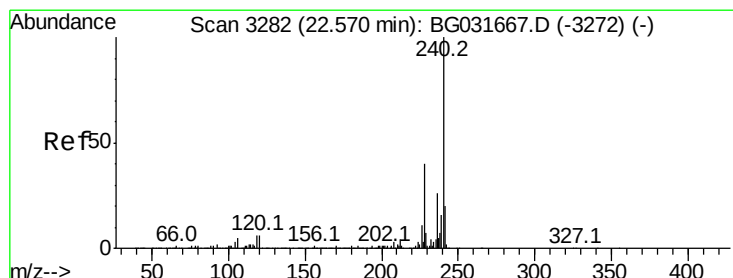
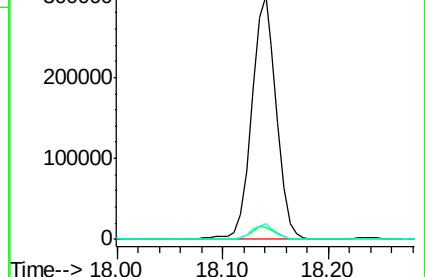
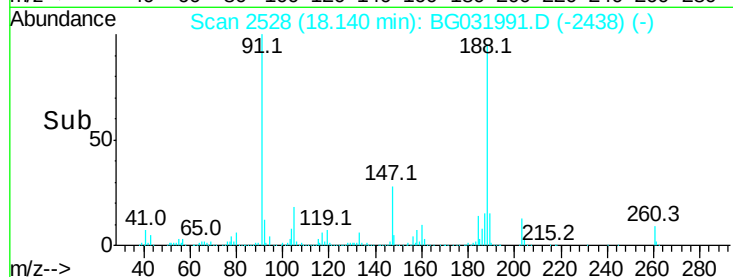
80 6.7 7.7 11.5#



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: 22.48 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

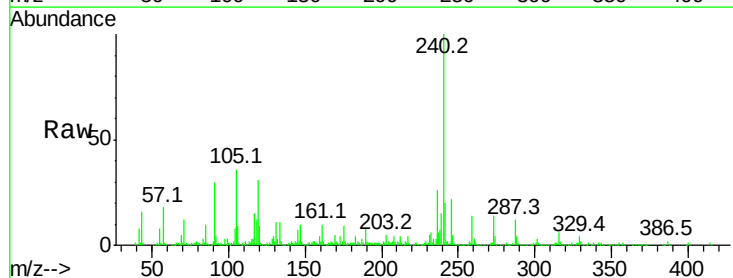
Tgt Ion:240 Resp: 580781

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

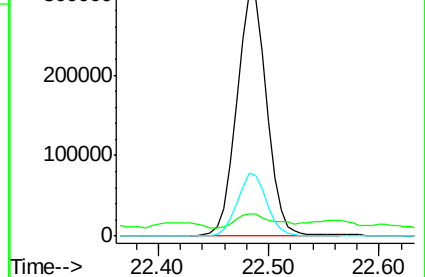
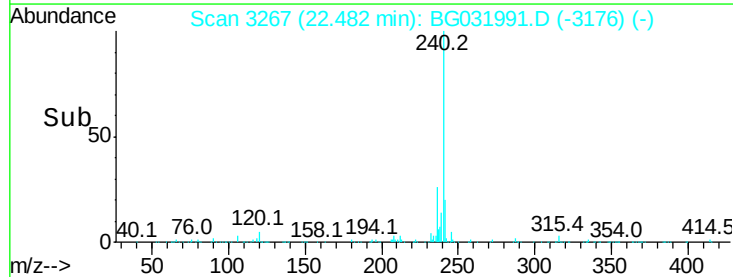
236 26.0 20.9 31.3

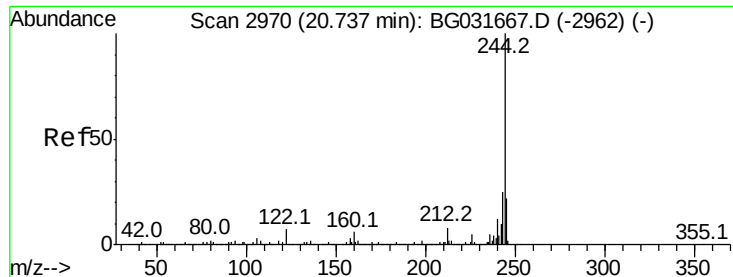


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.109 ng

RT: 20.68 min Scan# 2960

Delta R.T. 0.01 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

Instrument :

BNA_G

ClientSampleId :

CHRT-27007

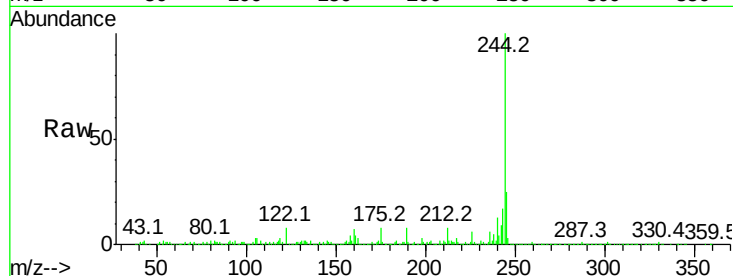
Tot Ion:244 Resp: 2392349

Ion Ratio Lower Upper

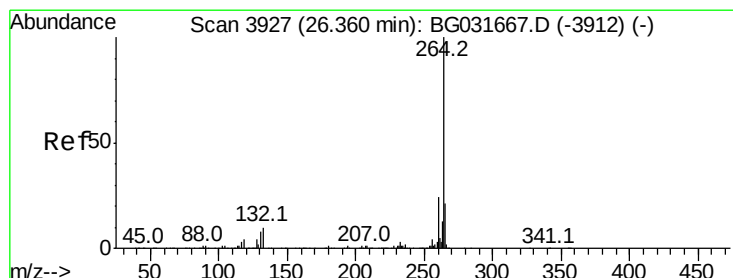
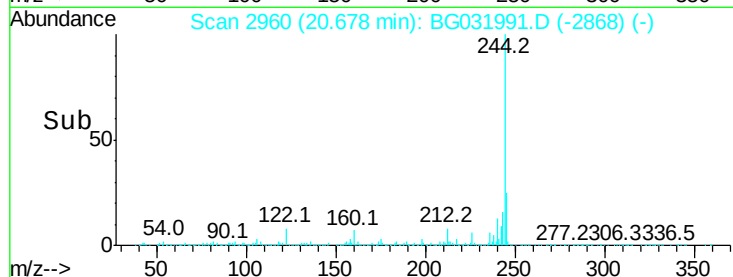
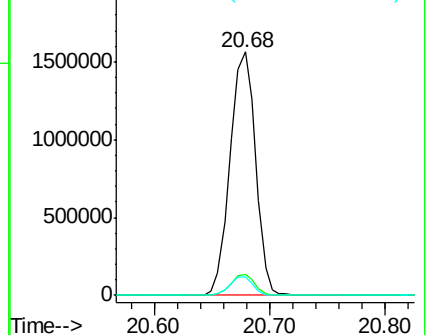
244 100

212 8.4 5.8 8.8

122 7.7 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: 26.22 min Scan# 3903

Delta R.T. 0.02 min

Lab File: BG031991.D

Acq: 11 Jan 2018 19:31

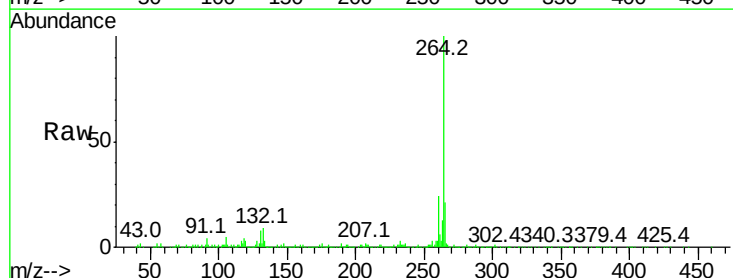
Tgt Ion:264 Resp: 642509

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 21.5 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

