

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035989.D
 Acq On : 31 Jul 2018 00:45
 Operator : JU/SJ
 Sample : J4187-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DSN-001A-072618

Quant Time: Jul 31 05:50:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

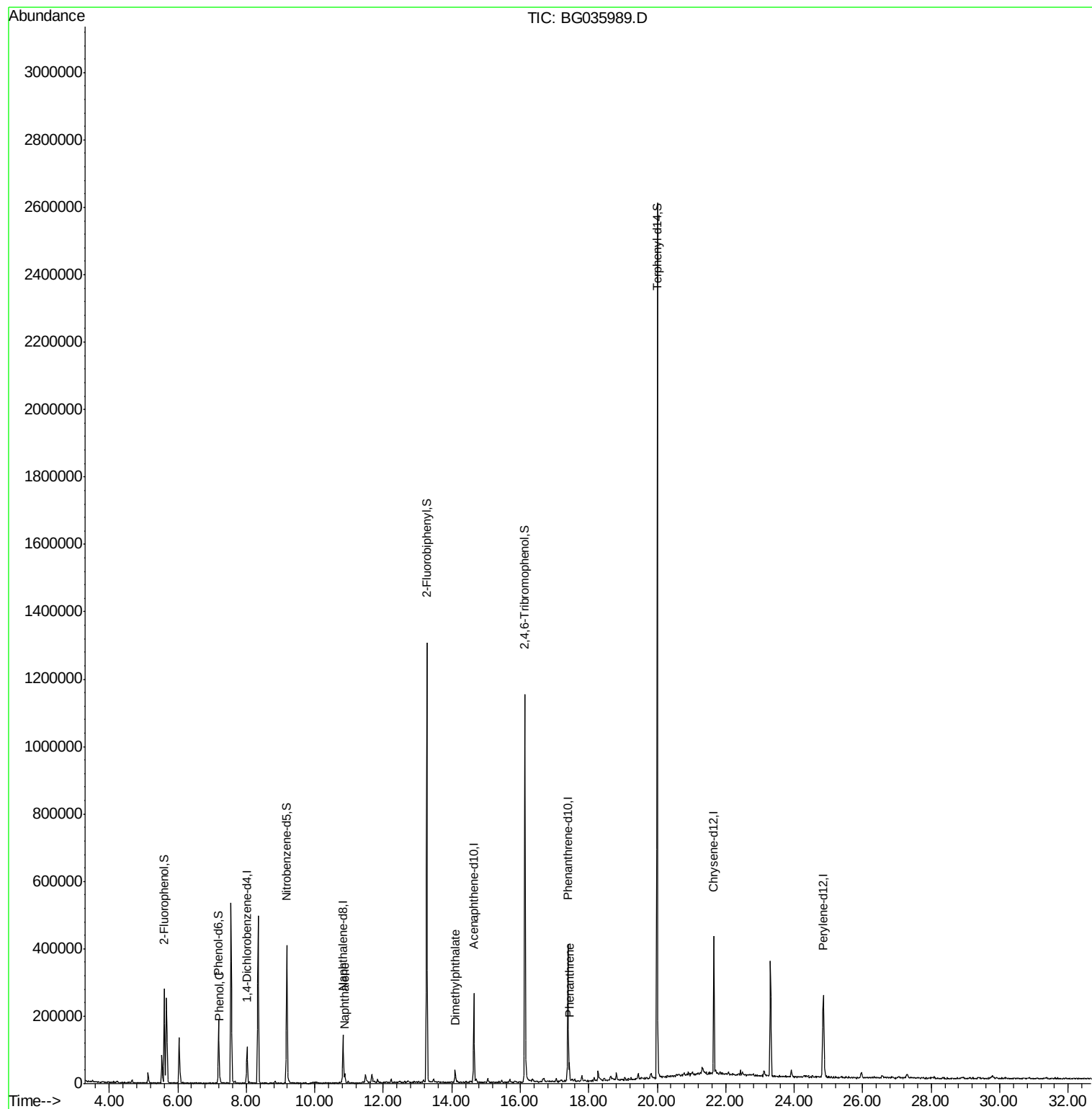
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30322	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	123036	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	95332	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	257163	20.00	ng	0.00
75) Chrysene-d12	21.65	240	266637	20.00	ng	0.00
86) Perylene-d12	24.85	264	260416	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	129847	71.10	ng	0.00
7) Phenol-d6	7.19	99	121384	44.55	ng	0.00
23) Nitrobenzene-d5	9.19	82	281100	95.44	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	217624	173.19	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	694695	97.63	ng	0.00
78) Terphenyl-d14	20.00	244	1284834	106.22	ng	0.00
Target Compounds						
10) Phenol	7.22	94	9719	3.530	ng	78
31) Naphthalene	10.88	128	22262	3.474	ng	# 94
49) Dimethylphthalate	14.10	163	26054	3.119	ng	97
70) Phenanthrene	17.43	178	34407	2.681	ng	# 92

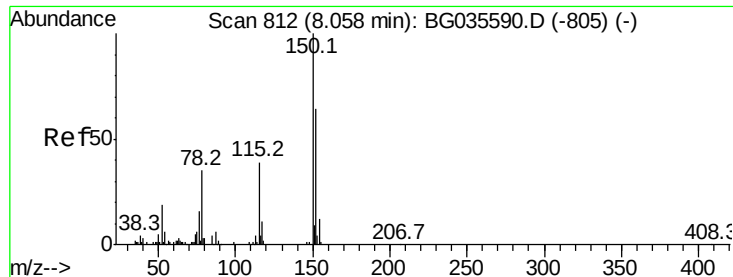
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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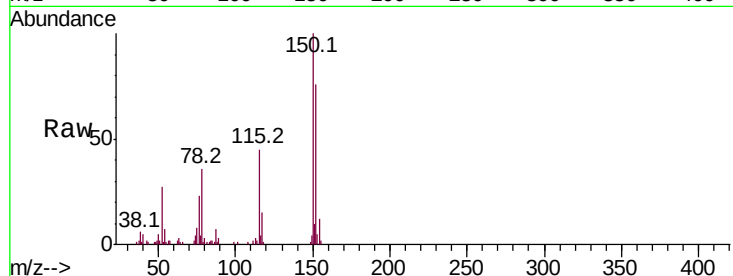


#1

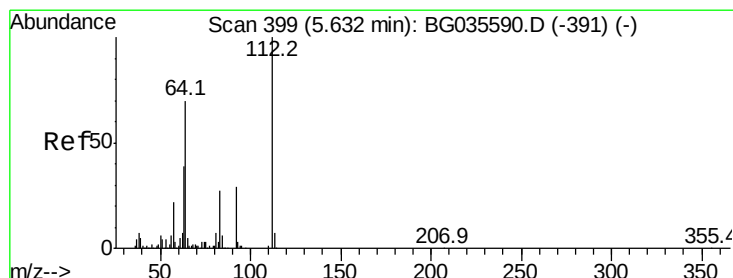
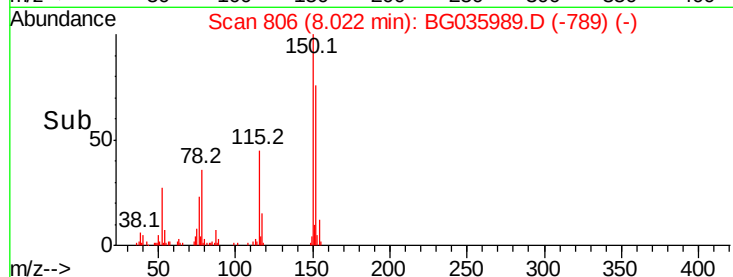
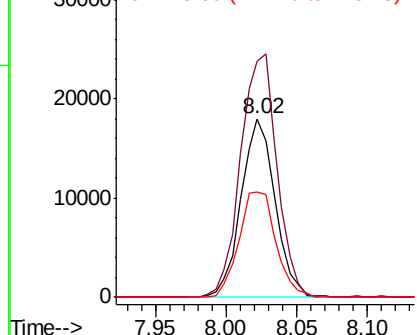
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
DSN-001A-072618

Tot Ion:152 Resp: 30322
Ion Ratio Lower Upper
152 100
150 132.3 126.6 189.8
115 59.2 53.0 79.4



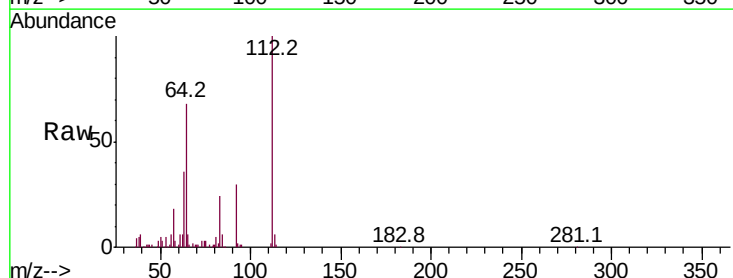
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



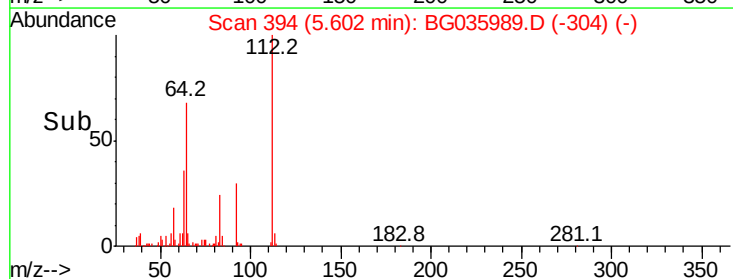
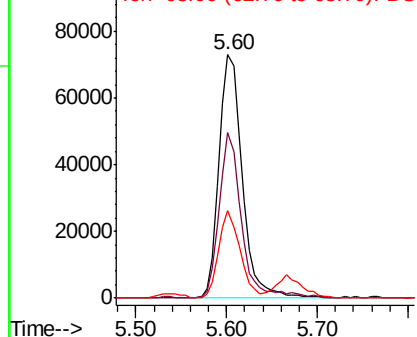
#5

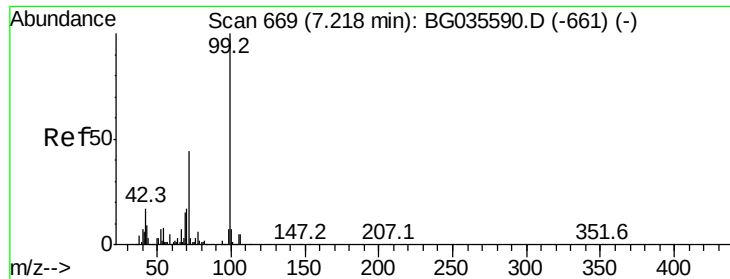
2-Fluorophenol
Concen: 71.096 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Tgt Ion:112 Resp: 129847
Ion Ratio Lower Upper
112 100
64 67.8 56.3 84.5
63 36.0 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: 44.546 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035989.D

Acq: 31 Jul 2018 00:45

Instrument :

BNA_G

ClientSampleId :

DSN-001A-072618

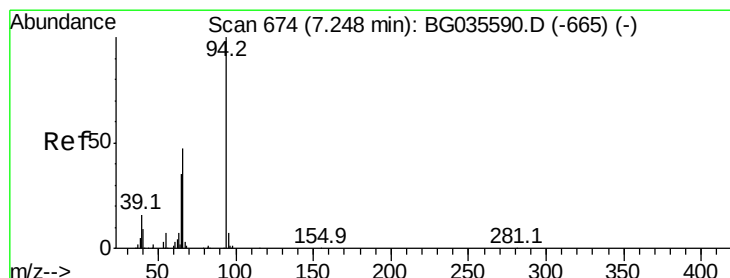
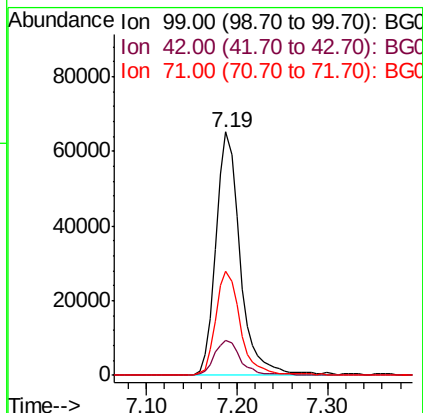
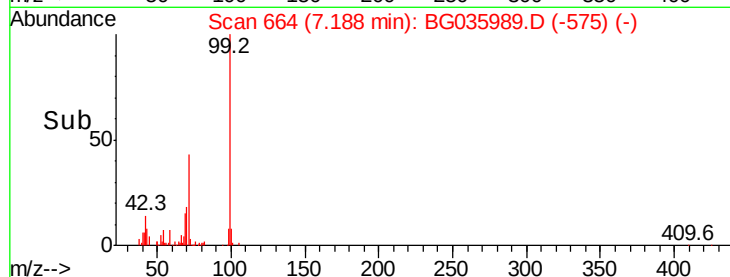
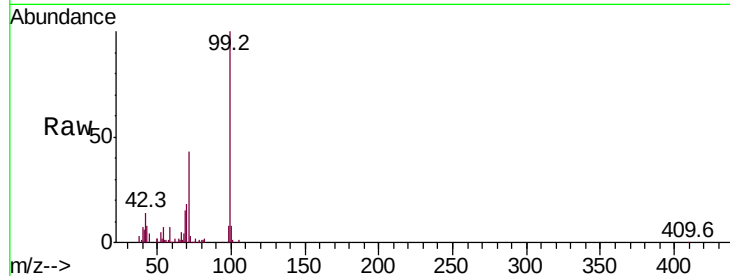
Tot Ion: 99 Resp: 121384

Ion Ratio Lower Upper

99 100

42 14.5 14.1 21.1

71 42.6 26.1 39.1#



#10

Phenol

Concen: 3.530 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035989.D

Acq: 31 Jul 2018 00:45

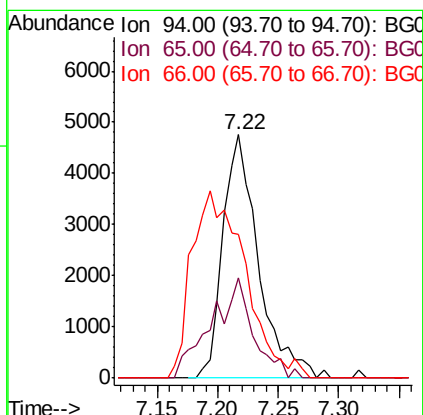
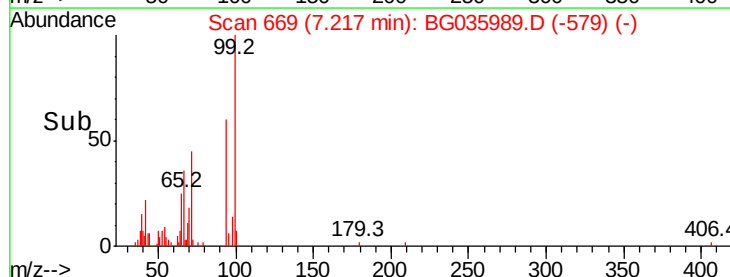
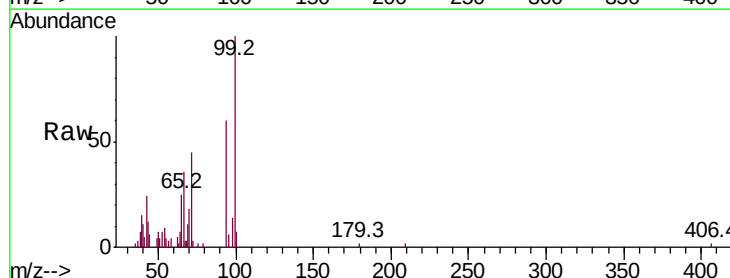
Tgt Ion: 94 Resp: 9719

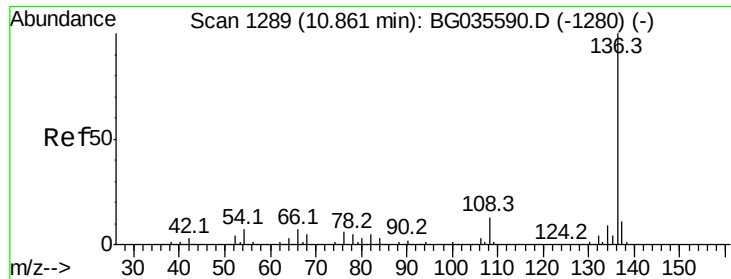
Ion Ratio Lower Upper

94 100

65 41.1 11.9 51.9

66 59.0 22.2 62.2

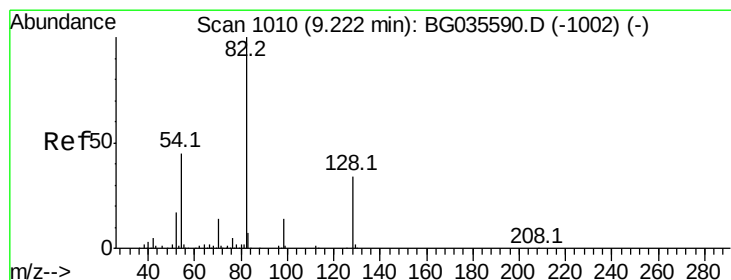
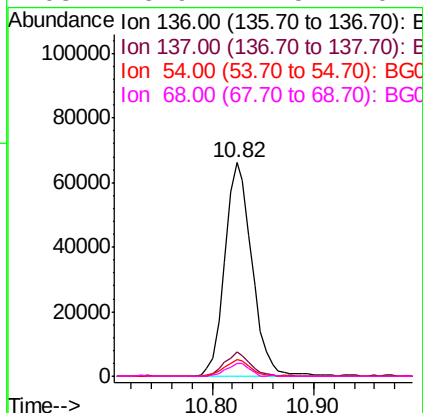
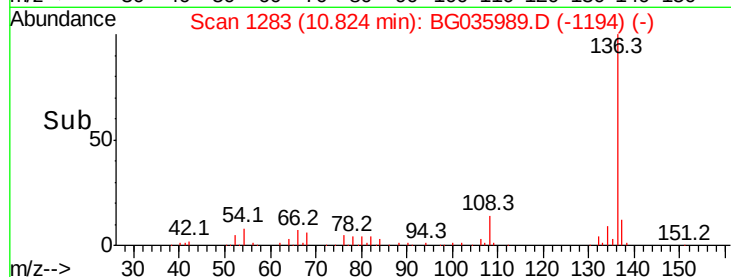
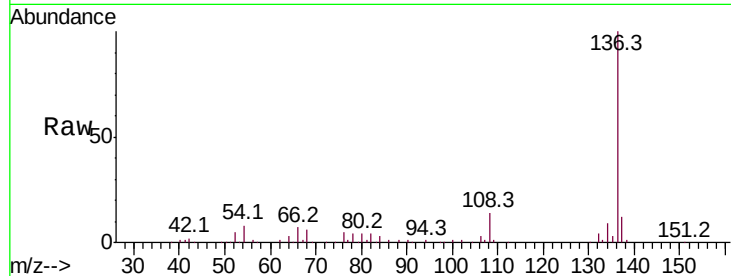




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

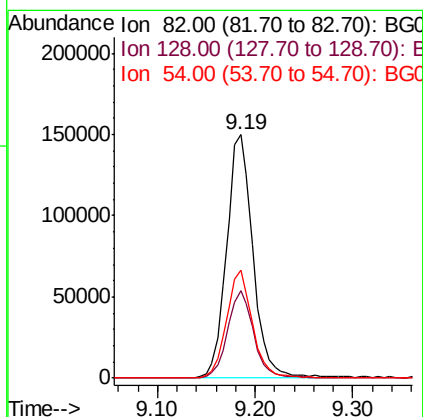
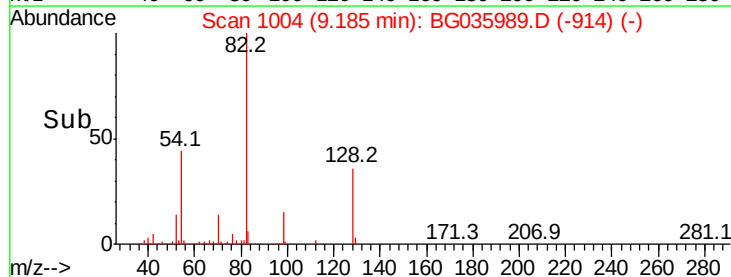
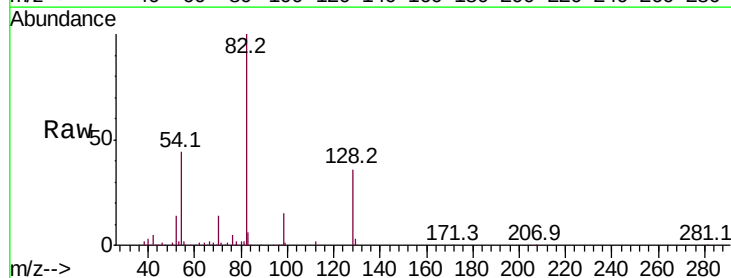
Instrument :
BNA_G
ClientSampleId :
DSN-001A-072618

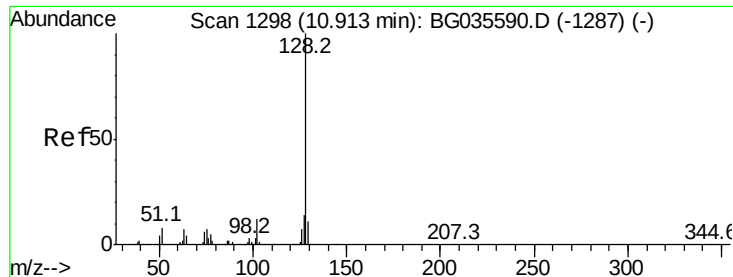
Tot Ion:	136	Resp:	123036
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.7	10.3	15.5#
68	5.9	4.5	6.7



#23
Nitrobenzene-d5
Concen: 95.443 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Tgt Ion:	82	Resp:	281100
Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	44.4	43.1	64.7

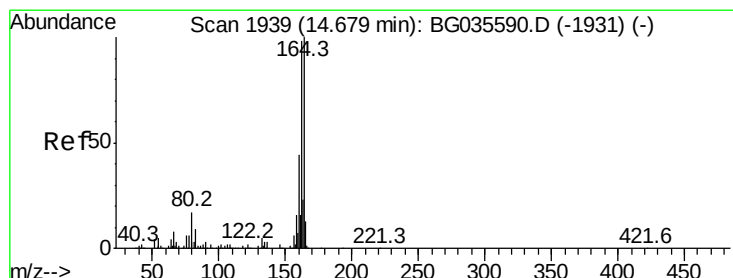
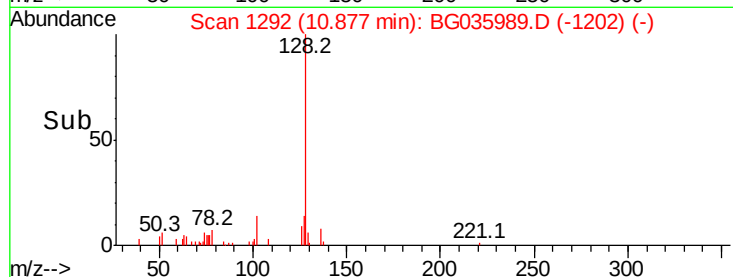
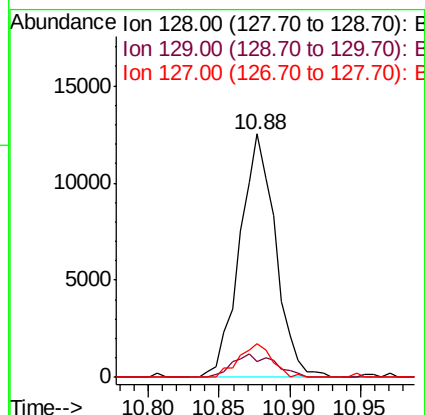
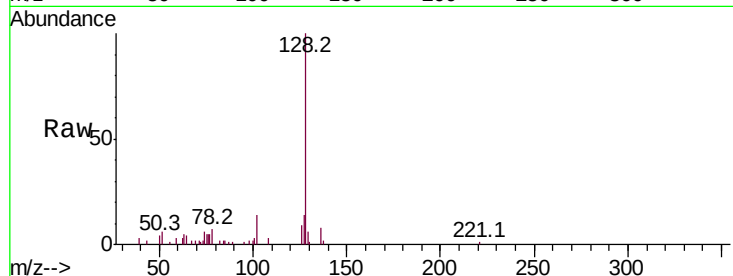




#31
Naphthalene
Concen: 3.474 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

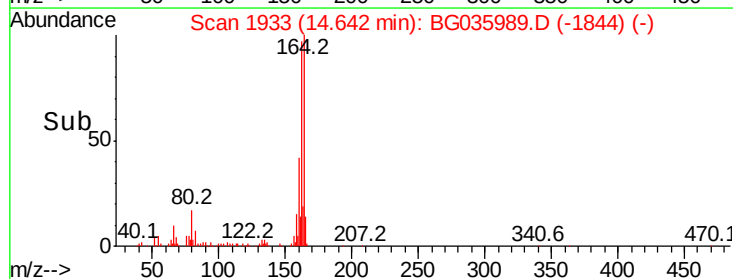
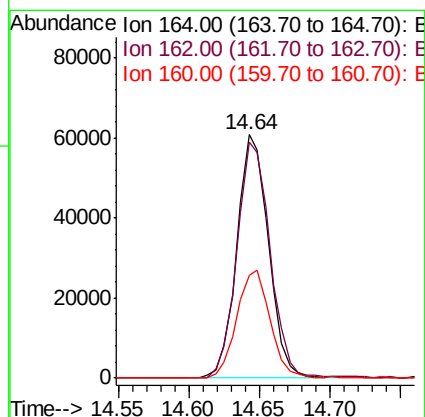
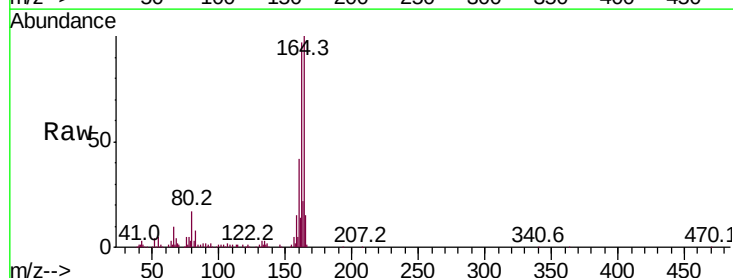
Instrument :
BNA_G
ClientSampleId :
DSN-001A-072618

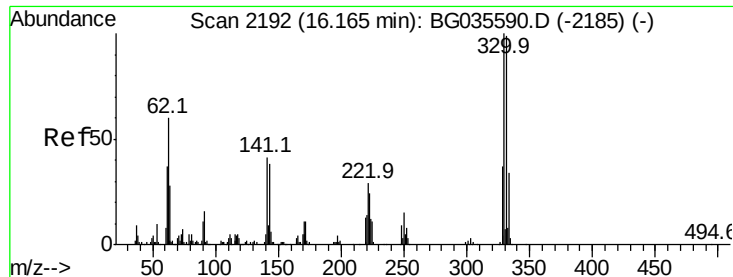
Tot Ion:128 Resp: 22262
Ion Ratio Lower Upper
128 100
129 6.4 8.6 12.8#
127 13.7 11.6 17.4



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Tgt Ion:164 Resp: 95332
Ion Ratio Lower Upper
164 100
162 96.7 78.8 118.2
160 42.2 35.4 53.0

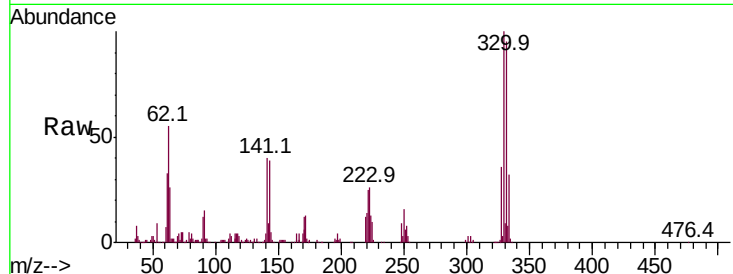




#41
 2,4,6-Tribromophenol
 Concen: 173.193 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035989.D
 Acq: 31 Jul 2018 00:45

Instrument :
 BNA_G
 ClientSampleId :
 DSN-001A-072618

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	38.4	25.2	37.8#

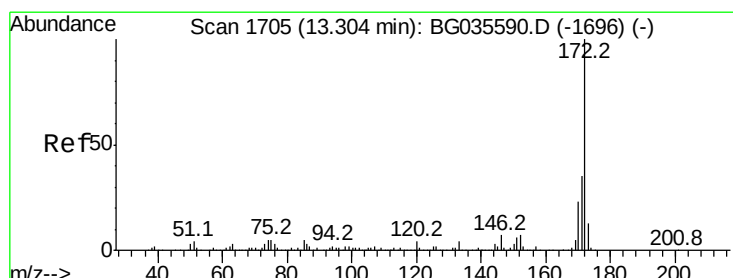
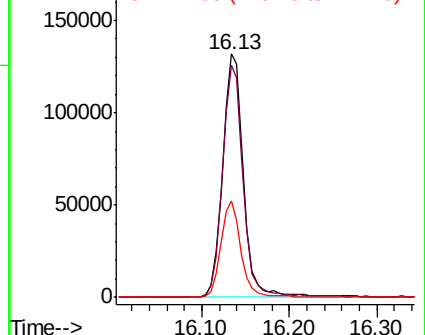
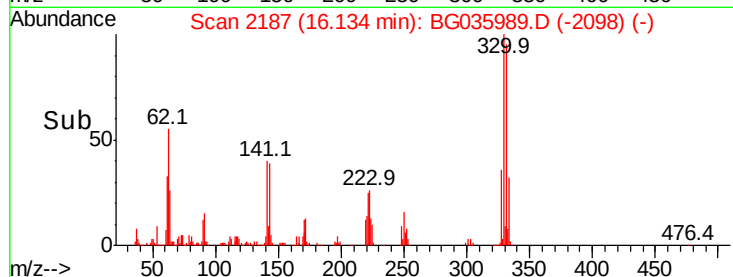


Abundance

Ion 329.80 (329.50 to 330.50): E

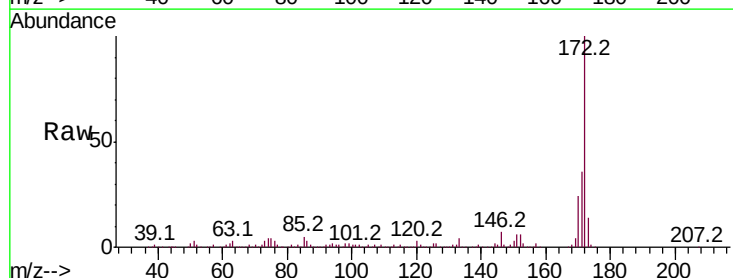
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.628 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035989.D
 Acq: 31 Jul 2018 00:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	23.8	19.5	29.3

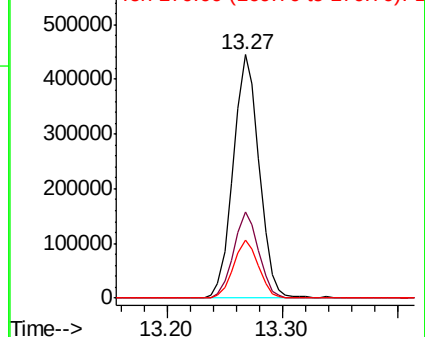
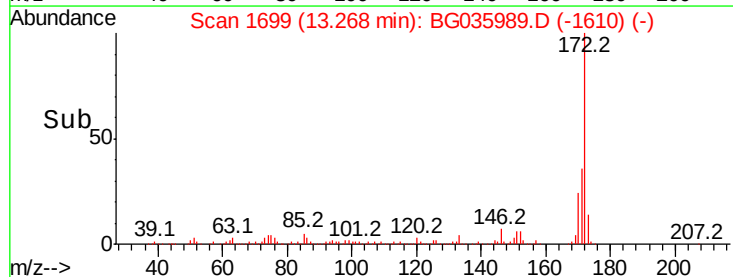


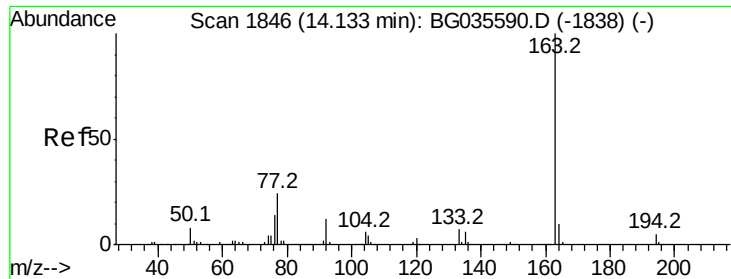
Abundance

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

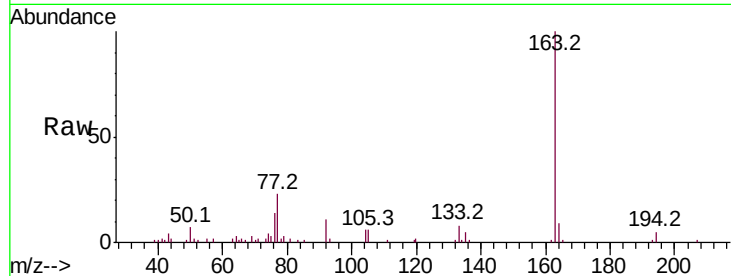




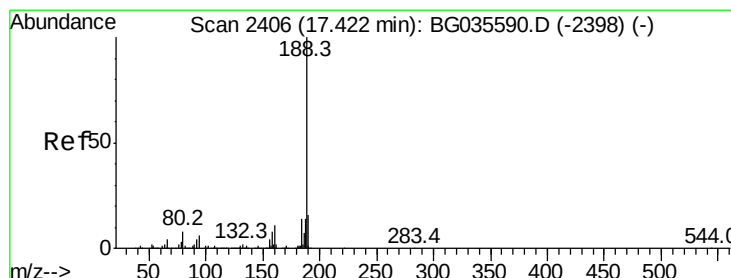
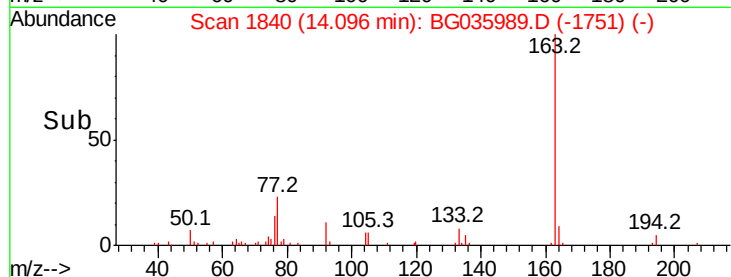
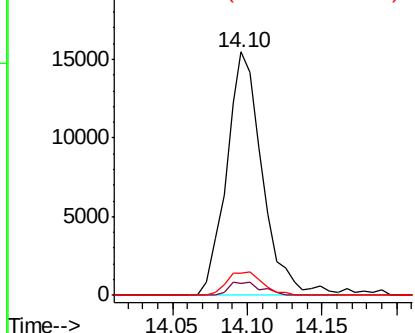
#49
Dimethylphthalate
Concen: 3.119 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Instrument :
BNA_G
ClientSampleId :
DSN-001A-072618

Tot Ion:163 Resp: 26054
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 8.9 8.2 12.4

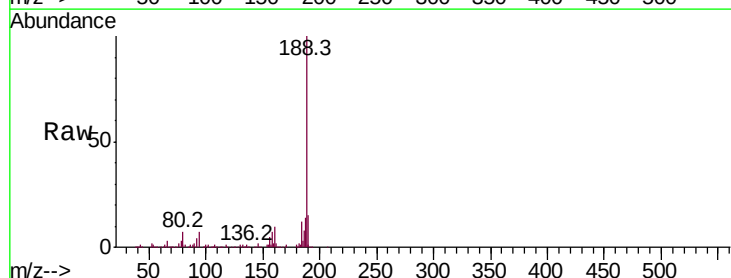


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

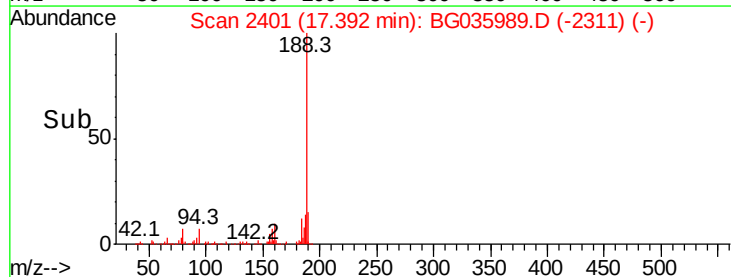
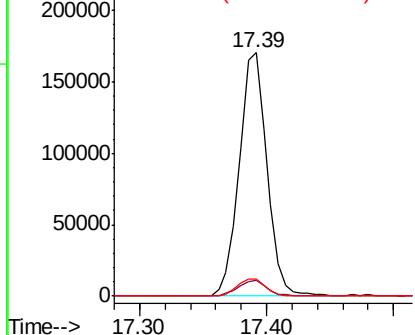


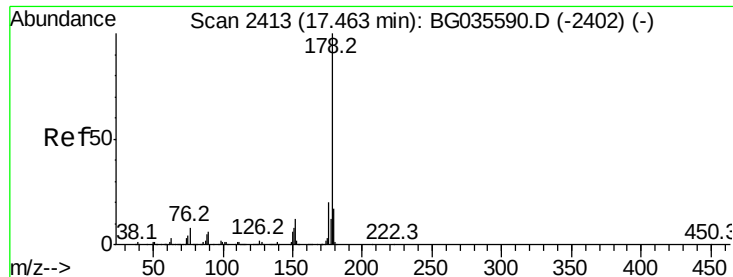
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Tgt Ion:188 Resp: 257163
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 6.9 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

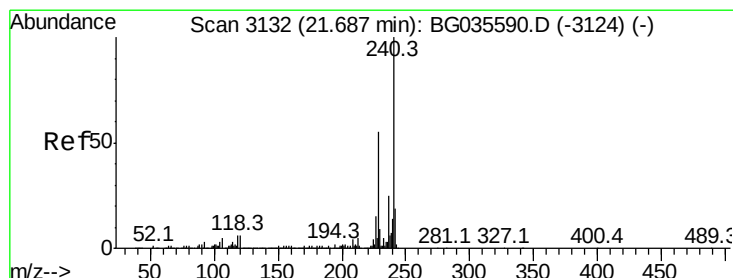
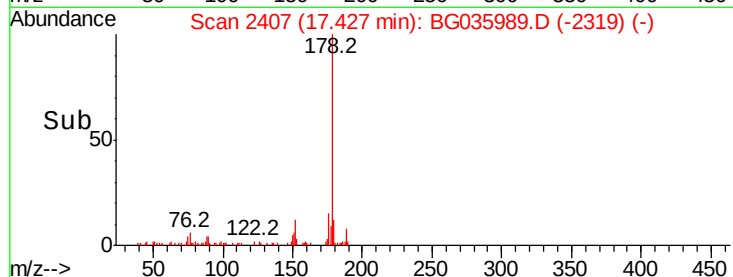
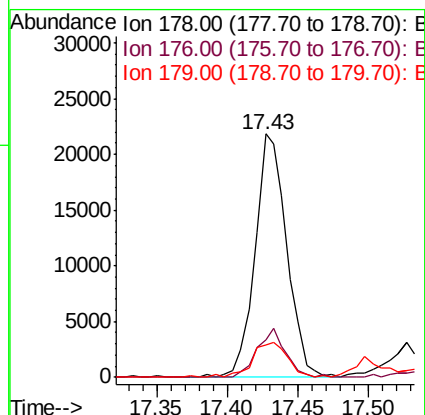
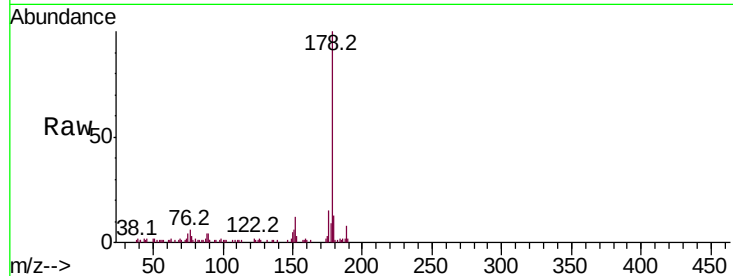




#70
Phenanthrene
Concen: 2.681 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

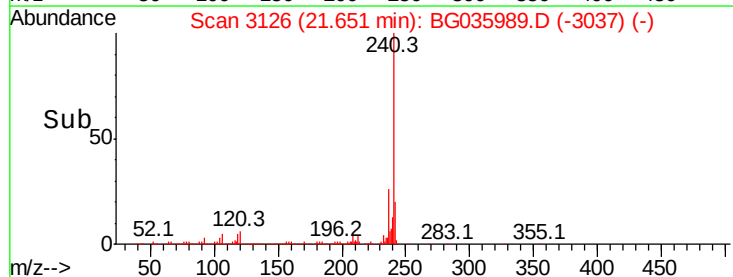
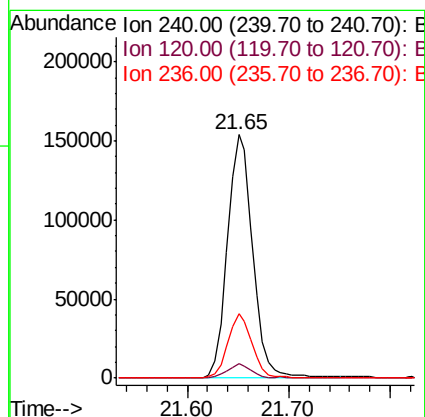
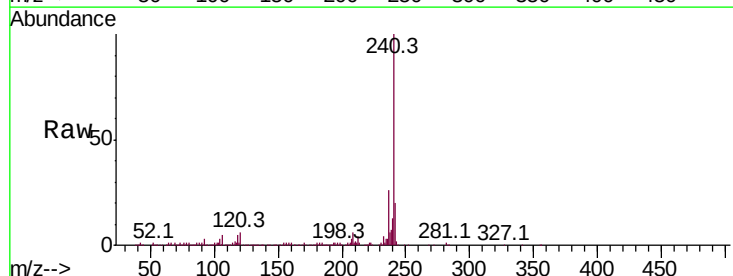
Instrument :
BNA_G
ClientSampleId :
DSN-001A-072618

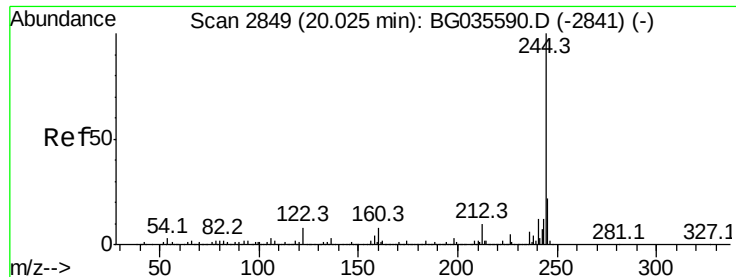
Tot Ion:178 Resp: 34407
Ion Ratio Lower Upper
178 100
176 15.4 15.7 23.5#
179 13.2 12.5 18.7



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035989.D
Acq: 31 Jul 2018 00:45

Tgt Ion:240 Resp: 266637
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.4 20.9 31.3





#78

Terphenyl-d14

Concen: 106.218 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035989.D

Acq: 31 Jul 2018 00:45

Instrument :

BNA_G

ClientSampleId :

DSN-001A-072618

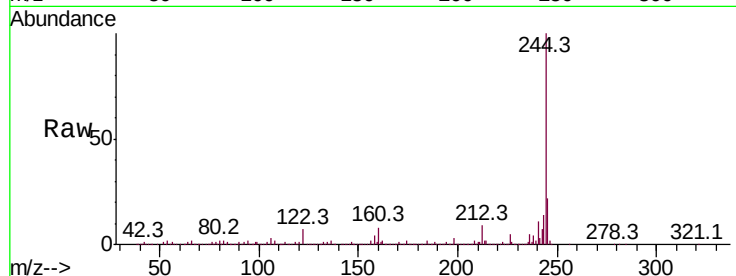
Tot Ion:244 Resp: 1284834

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

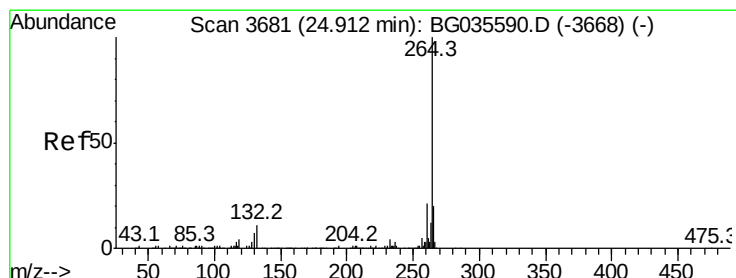
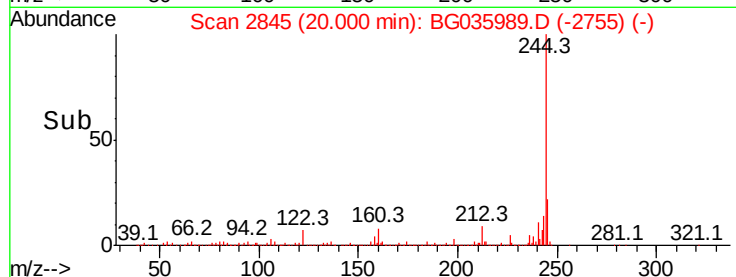
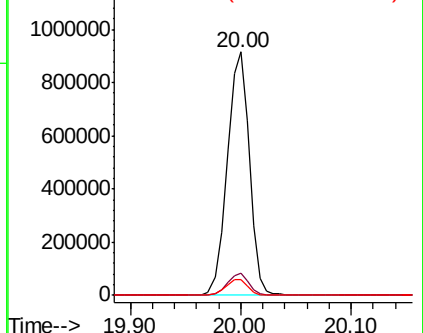
122 6.7 7.0 10.4#



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035989.D

Acq: 31 Jul 2018 00:45

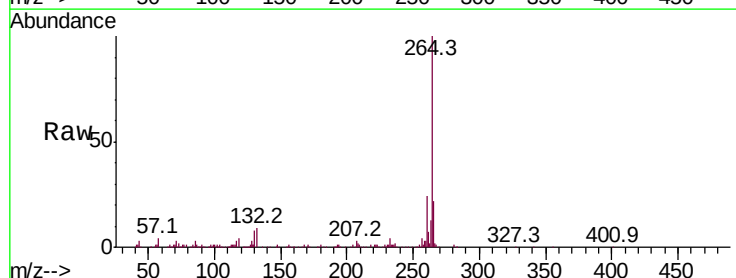
Tgt Ion:264 Resp: 260416

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 22.1 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

