

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031785.D
 Acq On : 27 Dec 2017 6:31
 Operator : SJ/JU
 Sample : I7009-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-S

Quant Time: Dec 27 07:41:16 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	46091	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	187803	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	135325	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	363824	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	449855	20.00	ng	-0.06
86) Perylene-d12	26.27	264	476481	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	93615	36.99	ng	-0.02
7) Phenol-d6	7.90	99	77330	23.54	ng	-0.03
23) Nitrobenzene-d5	10.00	82	223162	89.73	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	193802	93.86	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	892326	82.76	ng	-0.03
78) Terphenyl-d14	20.70	244	1676358	85.14	ng	-0.04

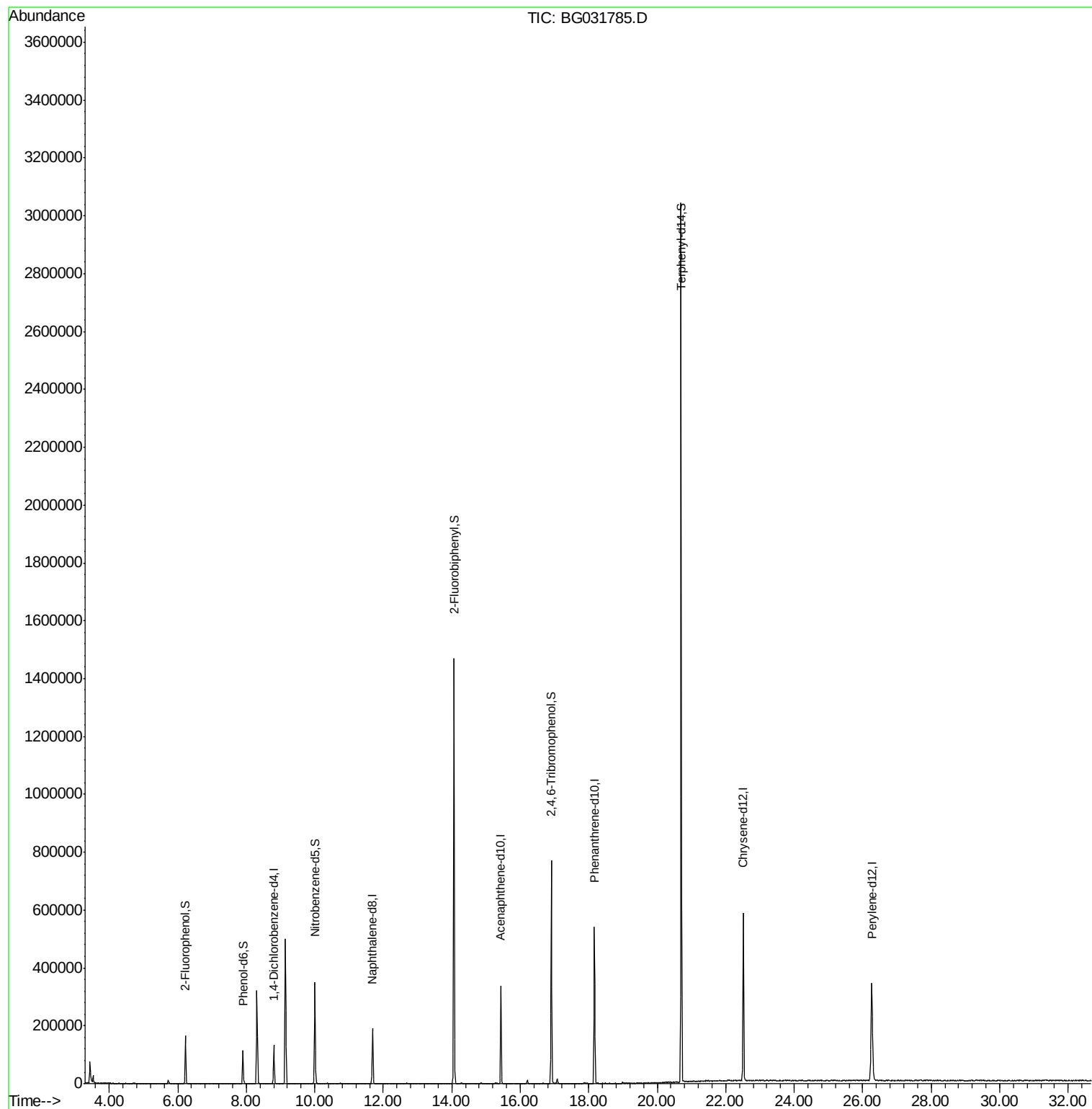
Target Compounds Qvalue

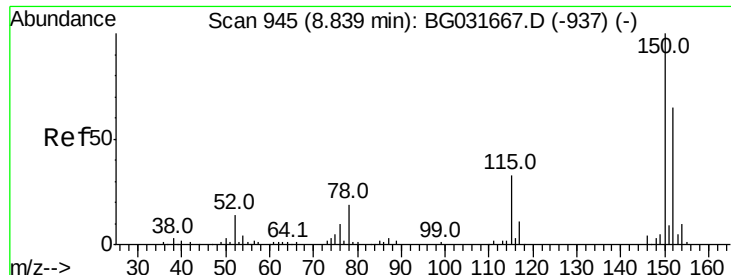
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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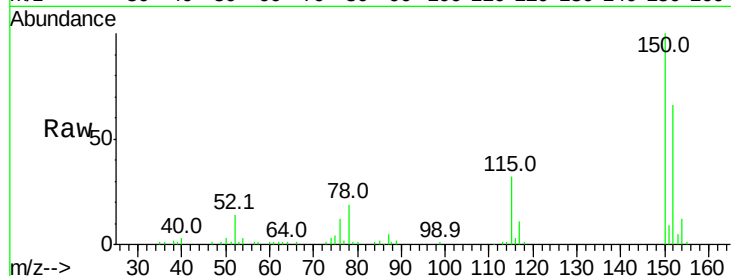


#1

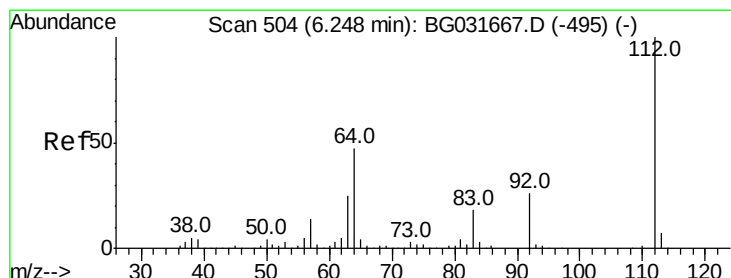
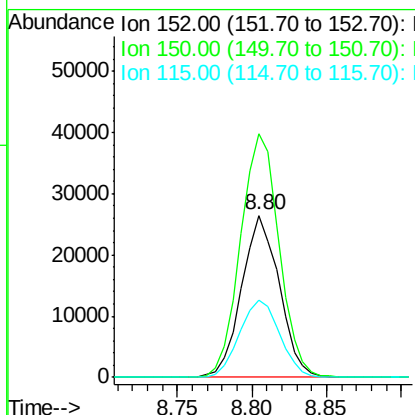
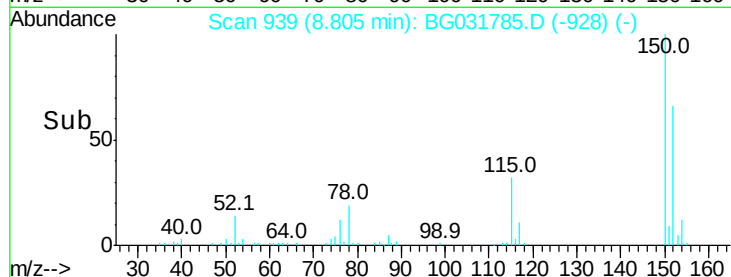
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.03 min
 Lab File: BG031785.D
 Acq: 27 Dec 2017 6:31

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-S

Tot Ion:152 Resp: 46091
 Ion Ratio Lower Upper
 152 100
 150 150.4 126.6 189.8
 115 47.8 53.0 79.4#



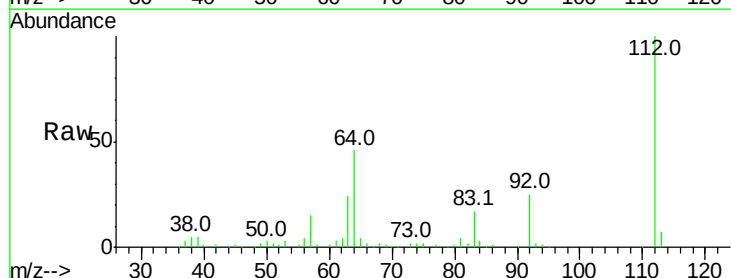
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



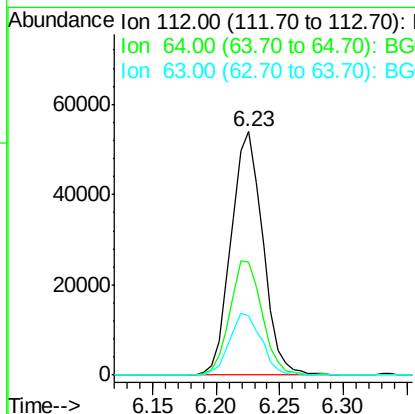
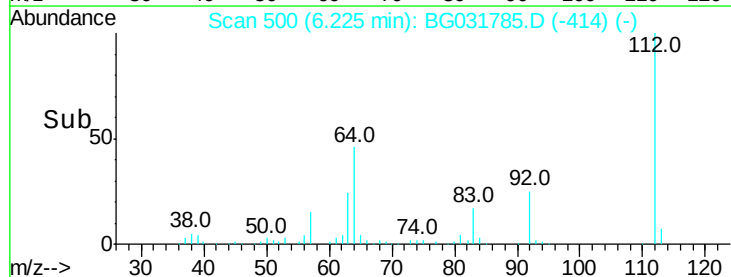
#5

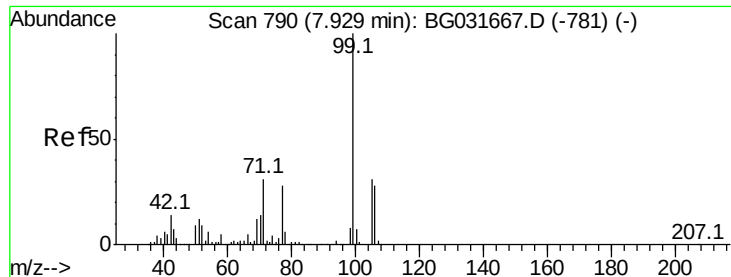
2-Fluorophenol
 Concen: 36.994 ng
 RT: 6.23 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031785.D
 Acq: 27 Dec 2017 6:31

Tgt Ion:112 Resp: 93615
 Ion Ratio Lower Upper
 112 100
 64 46.4 56.3 84.5#
 63 24.3 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: 23.537 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031785.D

Acq: 27 Dec 2017 6:31

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-S

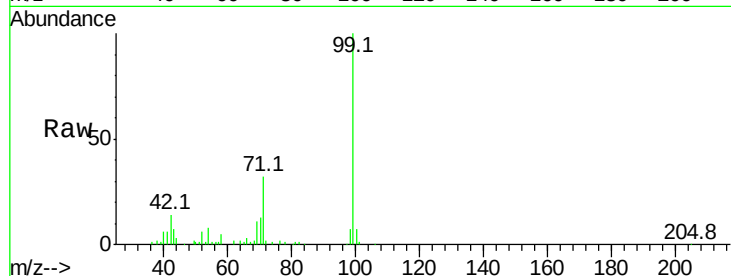
Tot Ion: 99 Resp: 77330

Ion Ratio Lower Upper

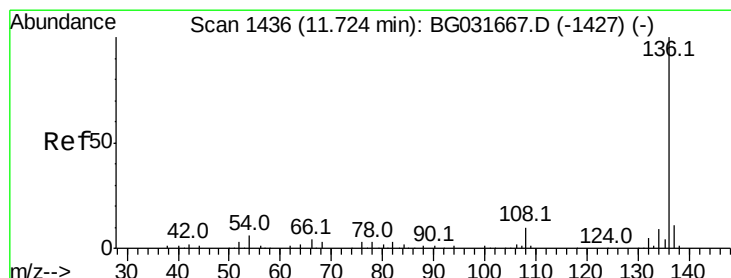
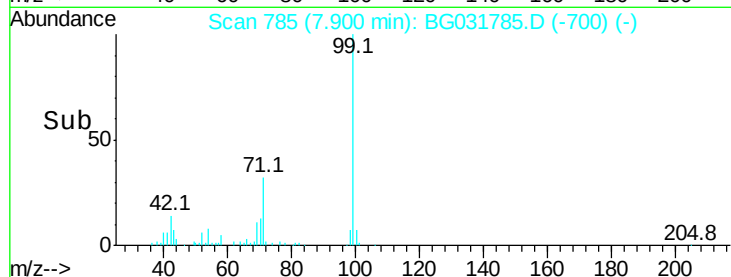
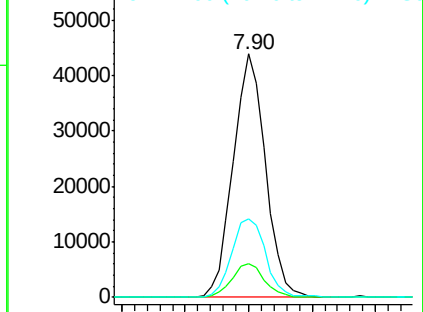
99 100

42 13.8 14.1 21.1#

71 32.3 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: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031785.D

Acq: 27 Dec 2017 6:31

Tgt Ion: 136 Resp: 187803

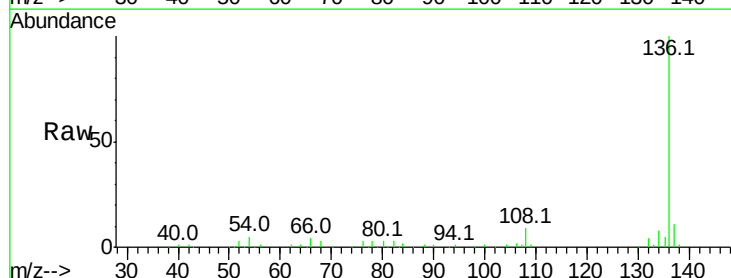
Ion Ratio Lower Upper

136 100

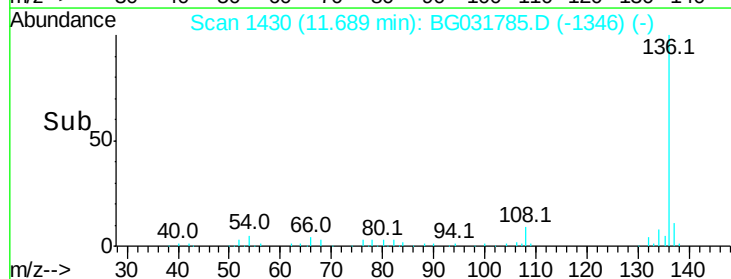
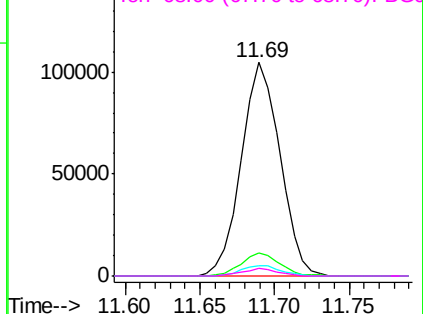
137 10.6 9.2 13.8

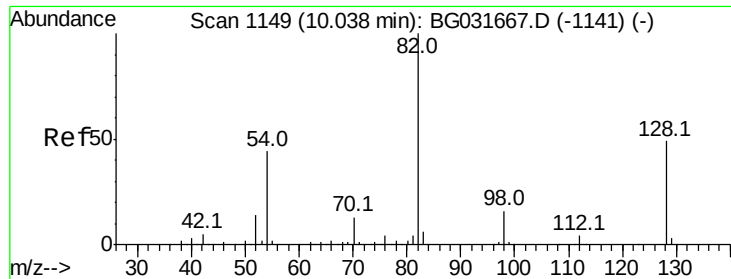
54 4.7 10.3 15.5#

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

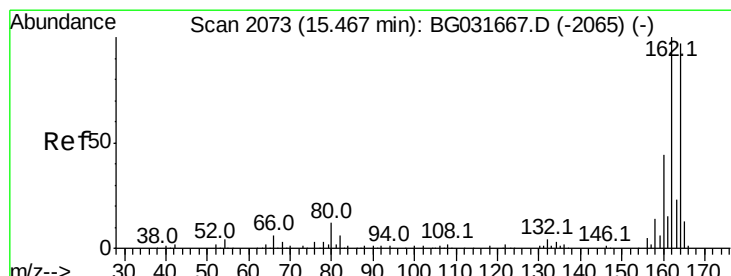
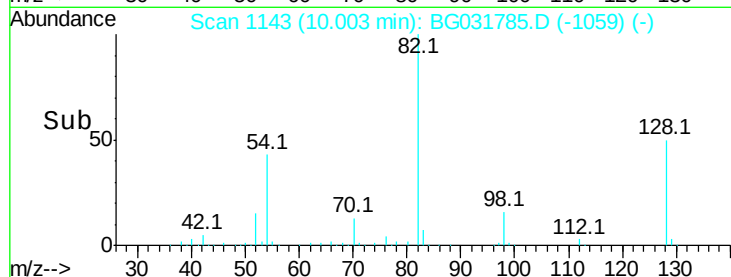
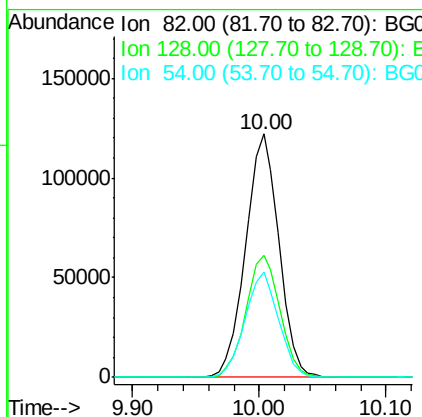
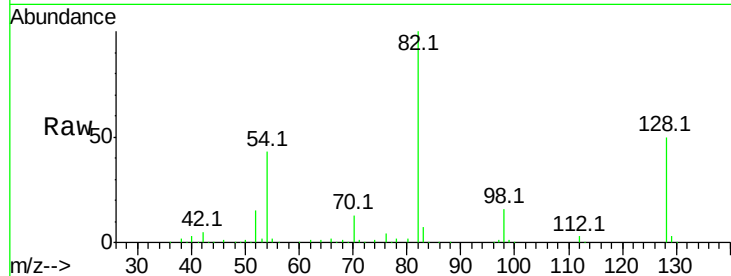




#23
Nitrobenzene-d5
Concen: 89.729 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

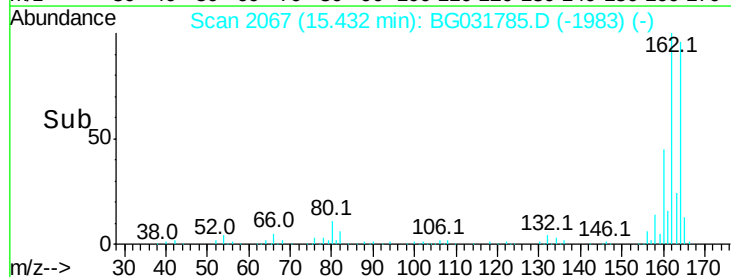
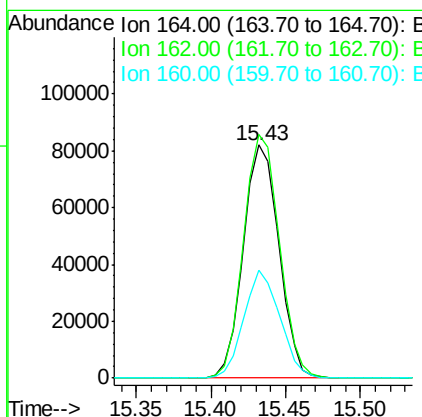
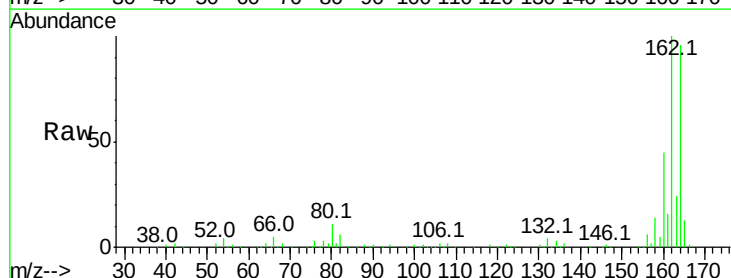
Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

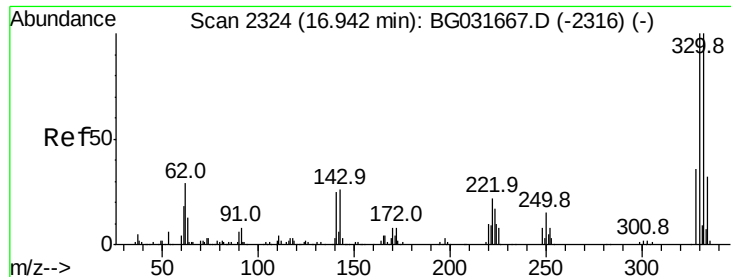
Tot Ion: 82 Resp: 223162
Ion Ratio Lower Upper
82 100
128 50.4 29.7 44.5#
54 43.1 43.1 64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:164 Resp: 135325
Ion Ratio Lower Upper
164 100
162 104.6 78.8 118.2
160 46.6 35.4 53.0

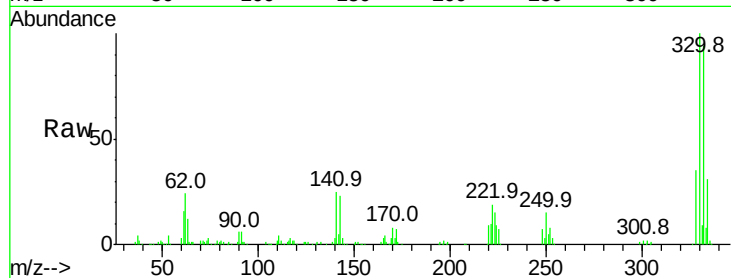




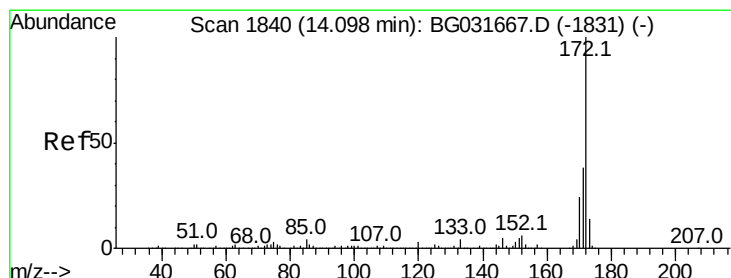
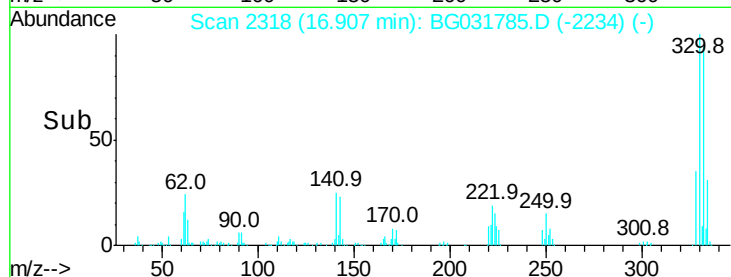
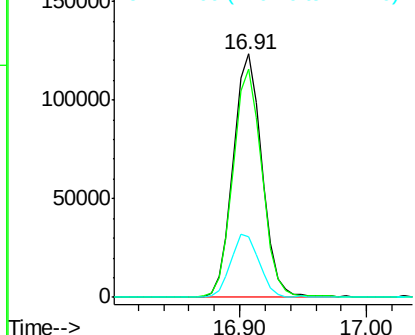
#41
 2,4,6-Tribromophenol
 Concen: 93.857 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031785.D
 Acq: 27 Dec 2017 6:31

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	25.6	25.2	37.8

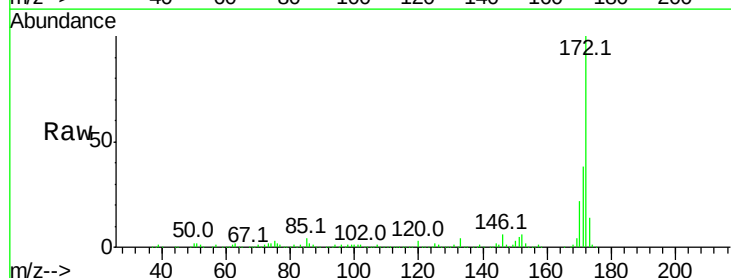


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

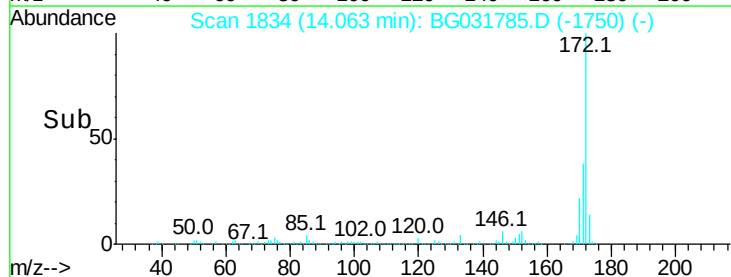
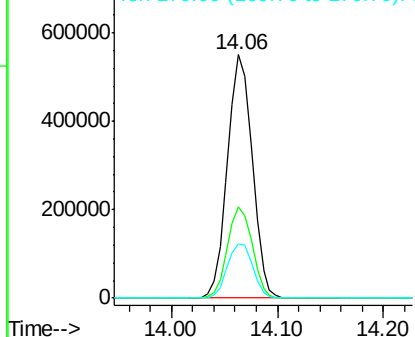


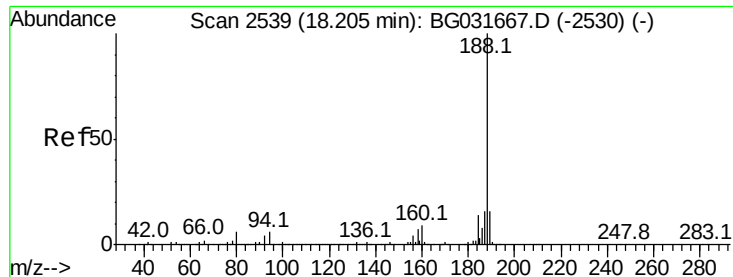
#44
 2-Fluorobiphenyl
 Concen: 82.763 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031785.D
 Acq: 27 Dec 2017 6:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.5	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

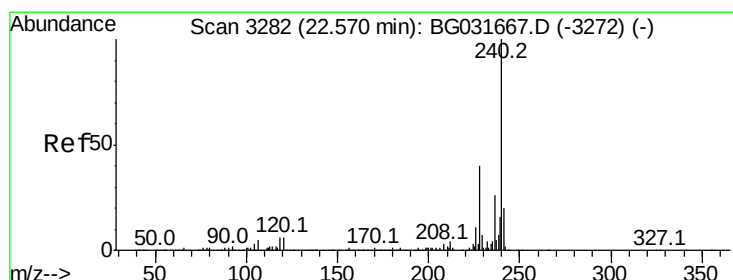
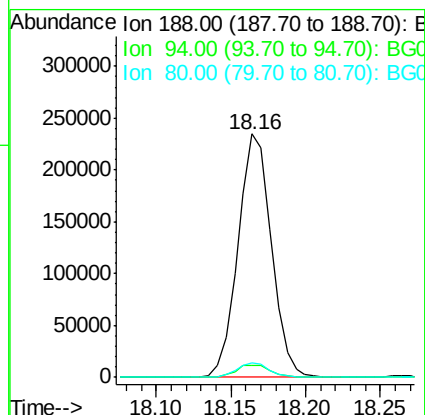
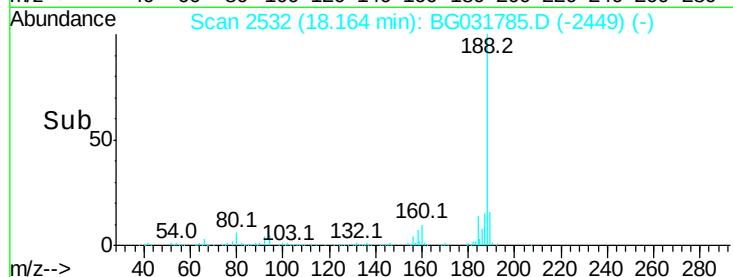
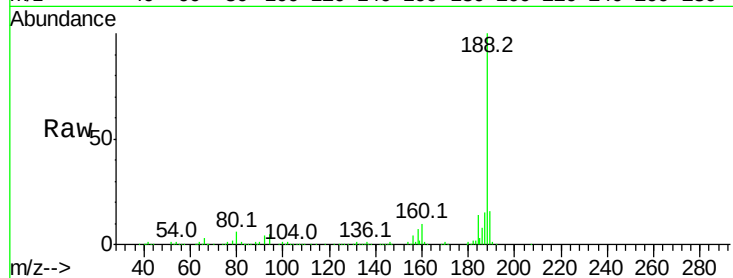




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

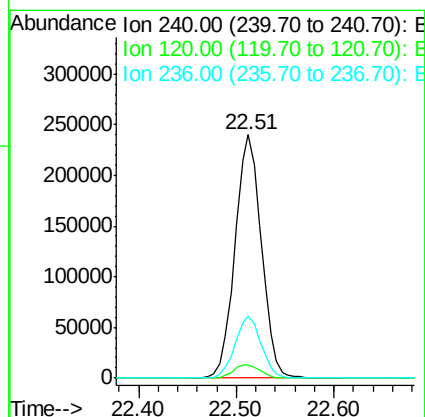
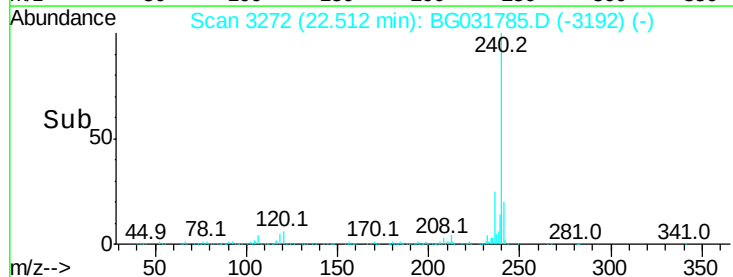
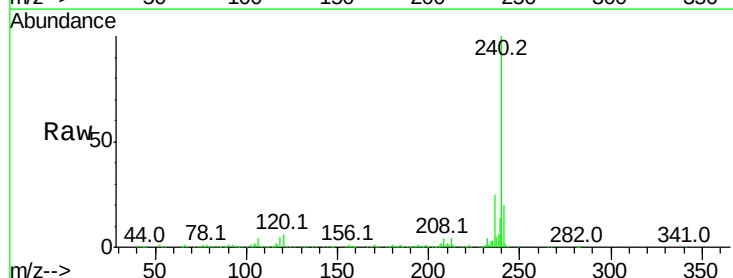
Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

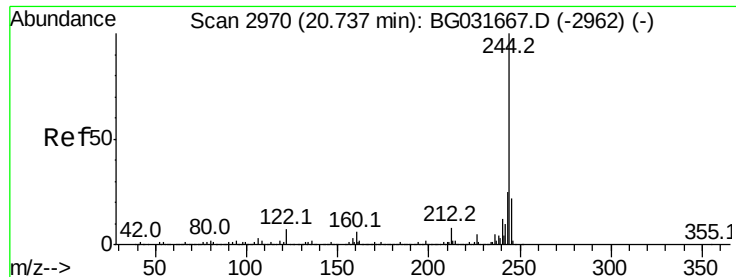
Tot Ion:188 Resp: 363824
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 5.8 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:240 Resp: 449855
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.4 20.9 31.3





#78

Terphenyl-d14

Concen: 85.136 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031785.D

Acq: 27 Dec 2017 6:31

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-S

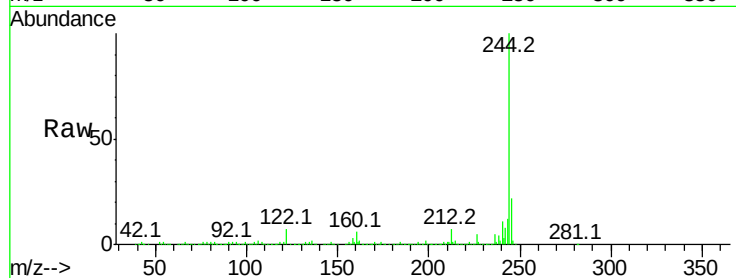
Tot Ion:244 Resp: 1676358

Ion Ratio Lower Upper

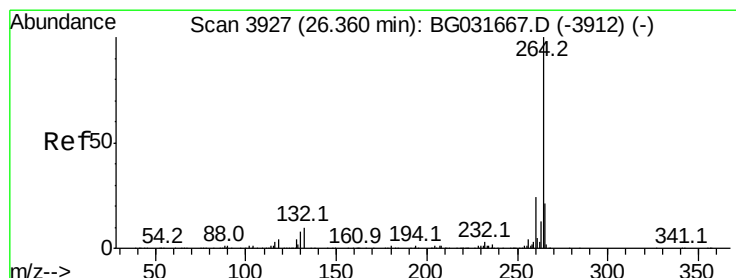
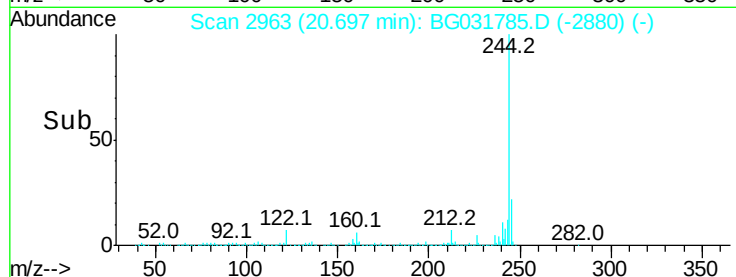
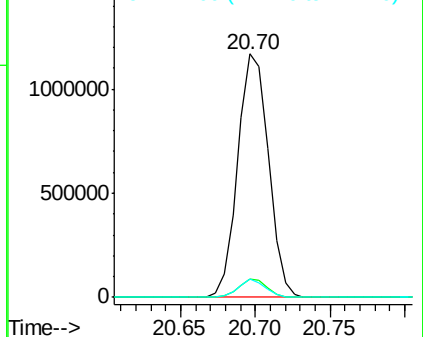
244 100

212 7.3 5.8 8.8

122 7.4 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: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031785.D

Acq: 27 Dec 2017 6:31

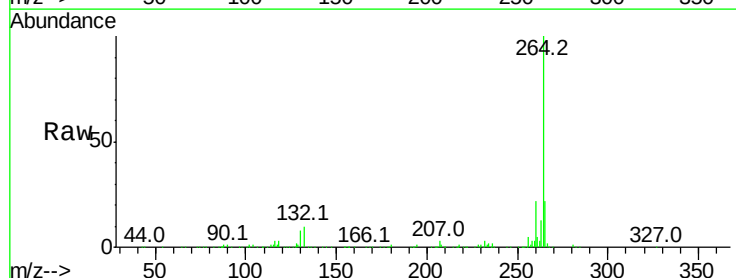
Tgt Ion:264 Resp: 476481

Ion Ratio Lower Upper

264 100

260 22.0 17.4 26.0

265 21.9 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

