

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
 Data File : BG036289.D
 Acq On : 11 Aug 2018 5:54
 Operator : JU/SJ
 Sample : J4413-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080818-TIPC-E-U-M

Quant Time: Aug 11 06:37:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	23914	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	80390	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	62200	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	178387	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	189858	20.00	ng	-0.02
86) Perylene-d12	24.83	264	175230	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	60671	42.12	ng	-0.01
7) Phenol-d6	7.18	99	48644	22.64	ng	-0.02
23) Nitrobenzene-d5	9.17	82	207596	107.88	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	92274	112.55	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	470505	101.34	ng	-0.02
78) Terphenyl-d14	19.98	244	876352	101.75	ng	-0.02

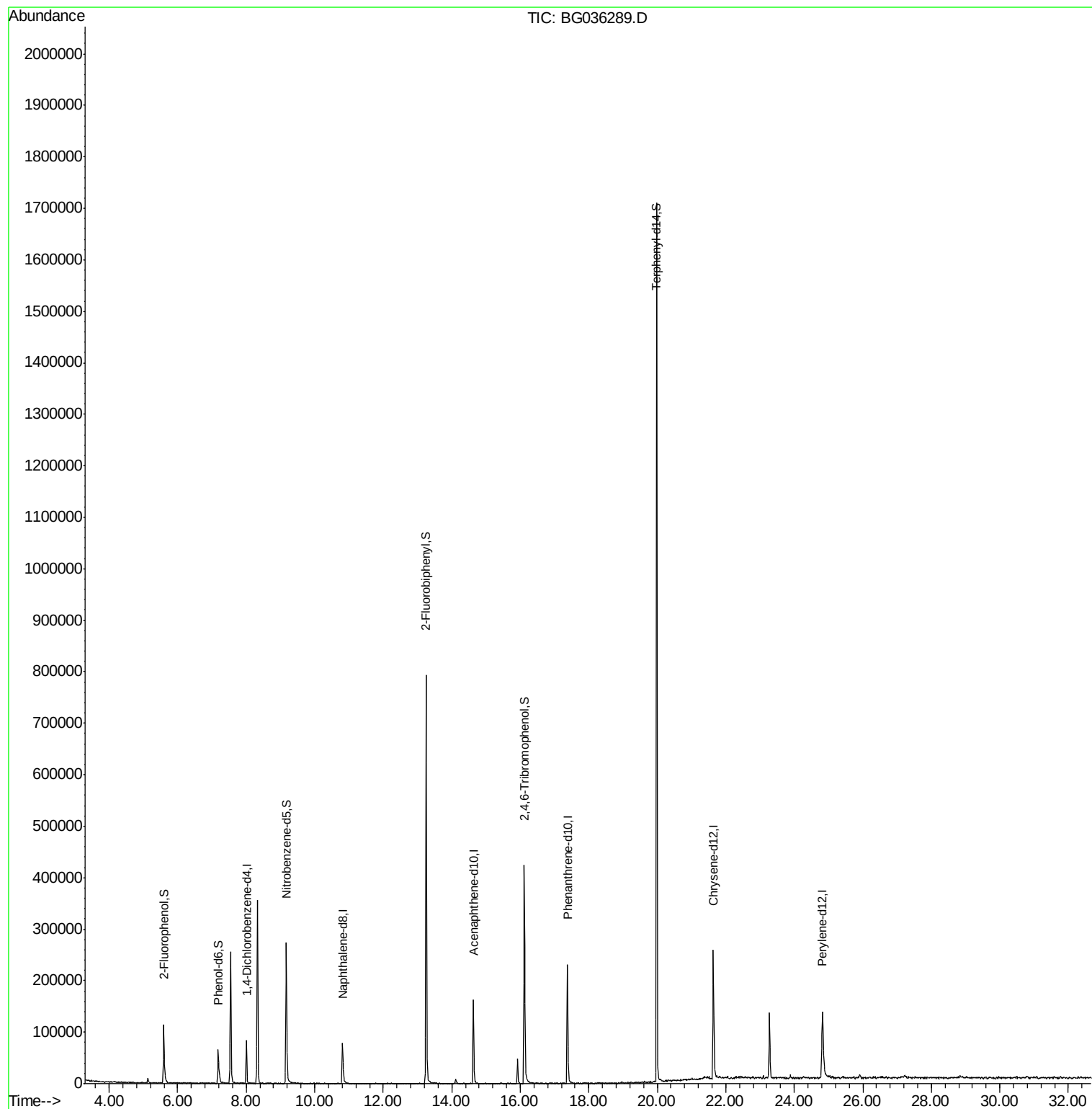
Target Compounds	Qvalue
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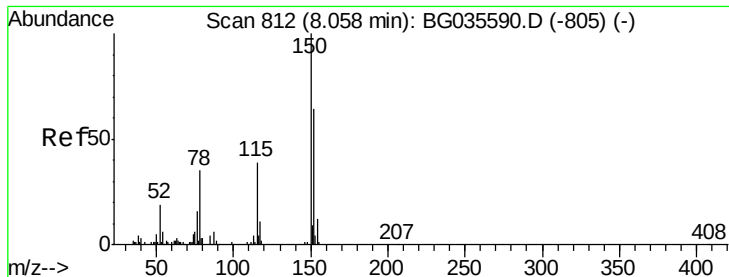
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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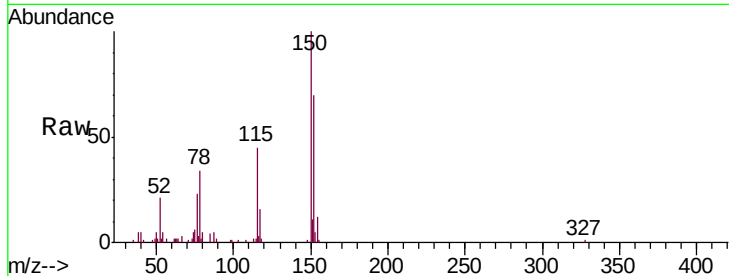


#1

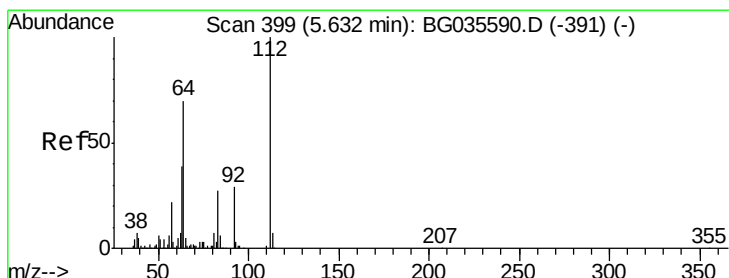
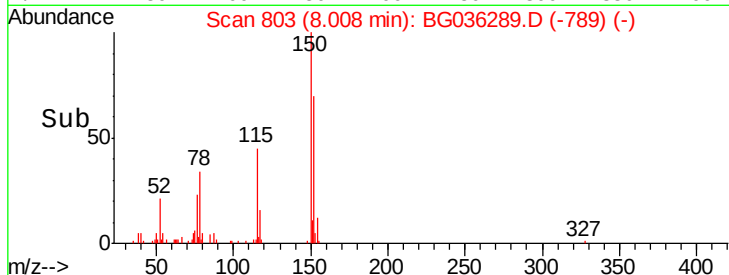
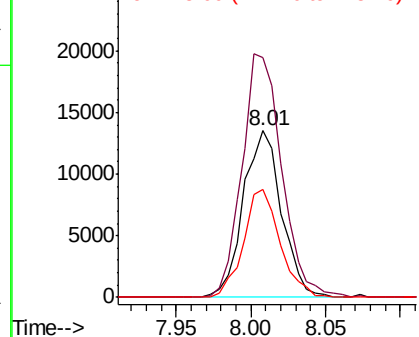
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

Tgt Ion:152 Resp: 23914
Ion Ratio Lower Upper
152 100
150 143.7 126.6 189.8
115 65.1 53.0 79.4



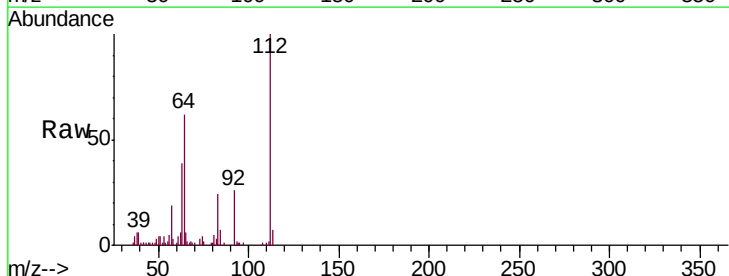
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



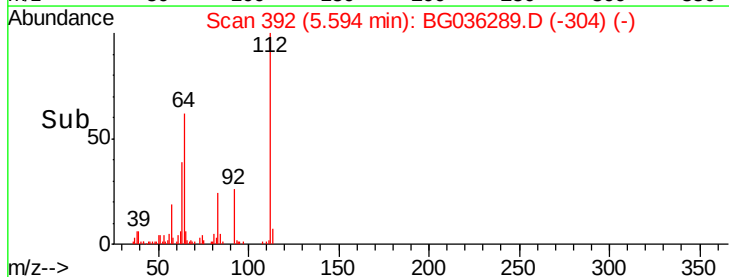
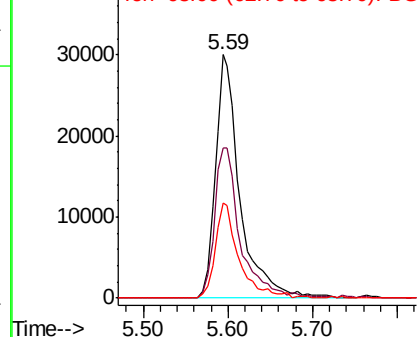
#5

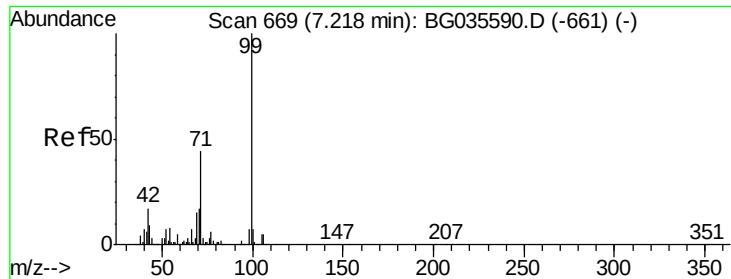
2-Fluorophenol
Concen: 42.121 ng
RT: 5.59 min Scan# 392
Delta R.T. -0.01 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Tgt Ion:112 Resp: 60671
Ion Ratio Lower Upper
112 100
64 61.6 56.3 84.5
63 39.3 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: 22.635 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080818-TIPC-E-U-M

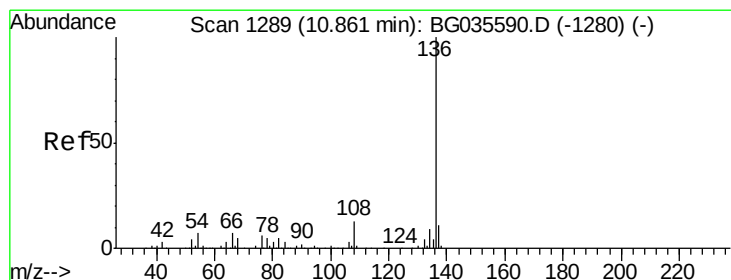
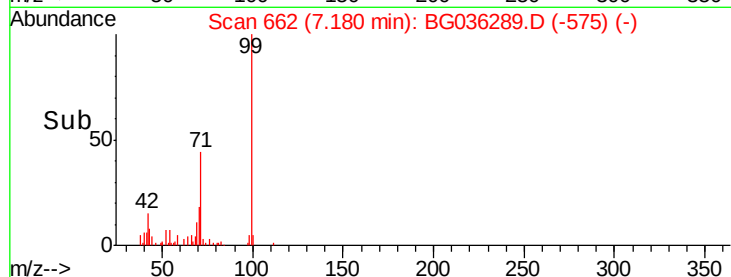
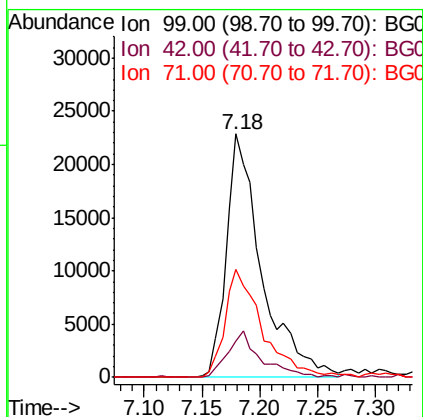
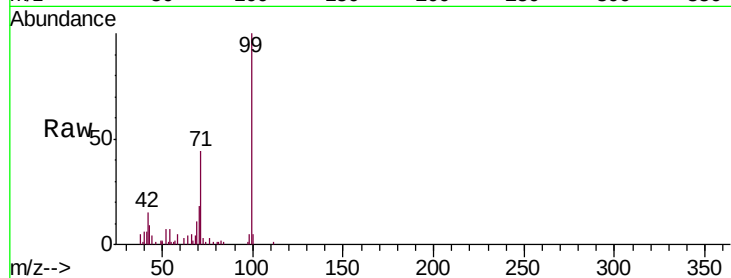
Tgt Ion: 99 Resp: 48644

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

71 44.1 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.81 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Tgt Ion: 136 Resp: 80390

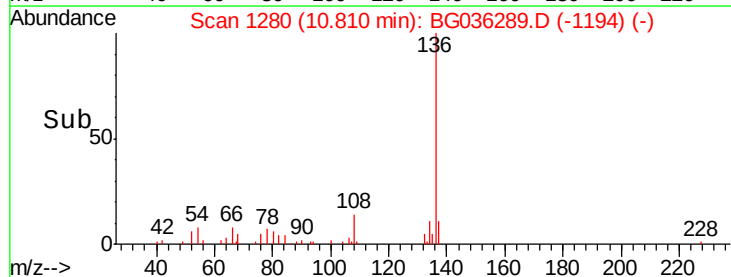
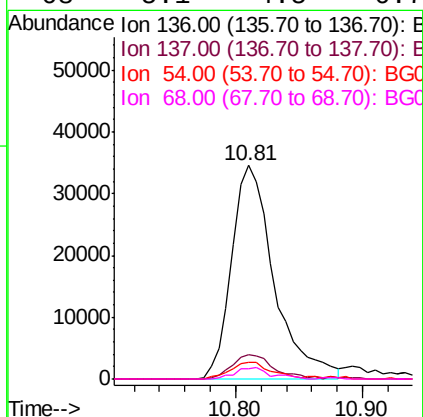
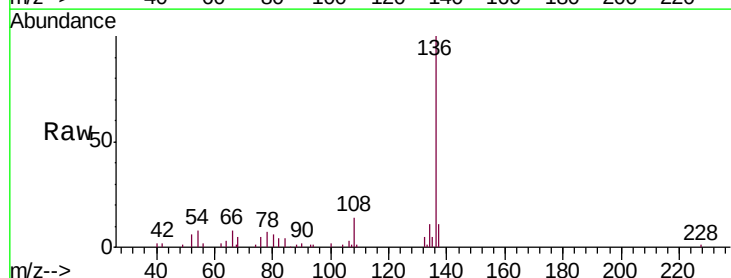
Ion Ratio Lower Upper

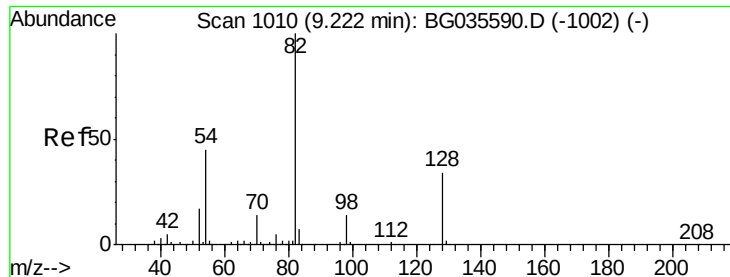
136 100

137 11.3 9.2 13.8

54 7.9 10.3 15.5#

68 5.1 4.5 6.7

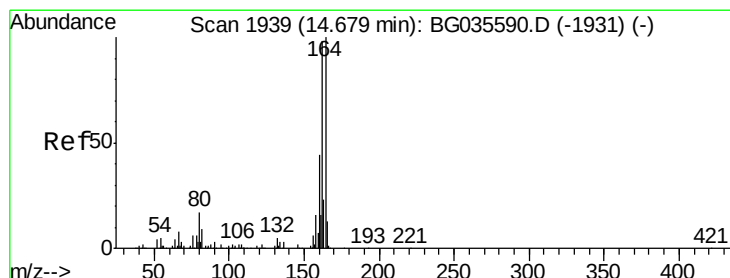
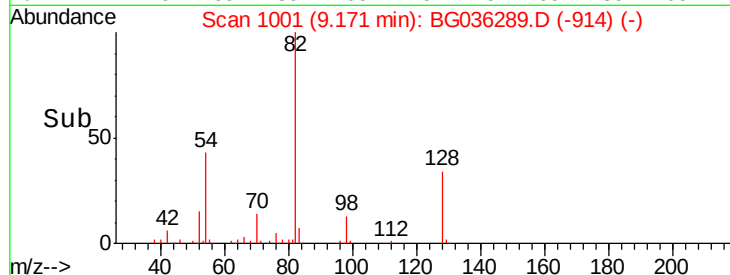
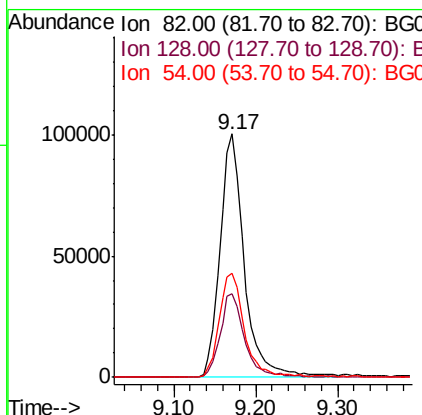
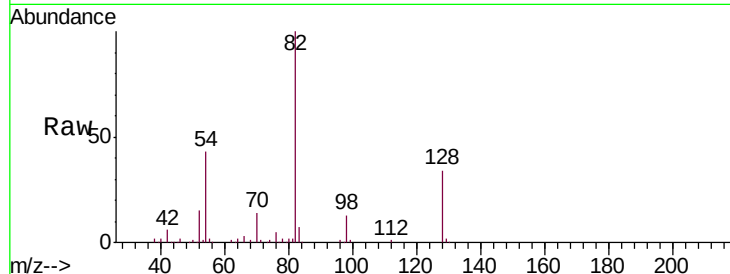




#23
 Nitrobenzene-d5
 Concen: 107.877 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036289.D
 Acq: 11 Aug 2018 5:54

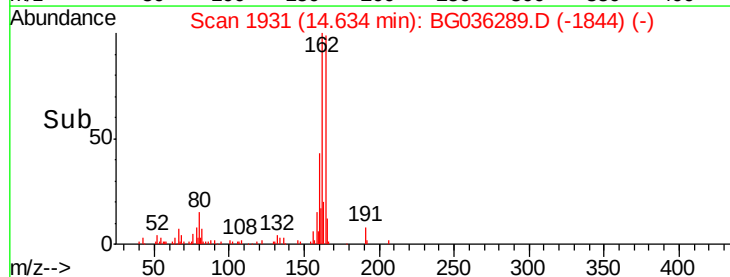
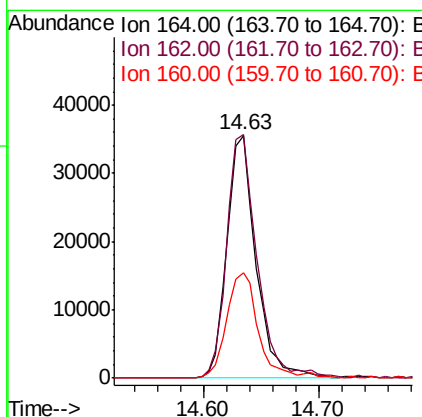
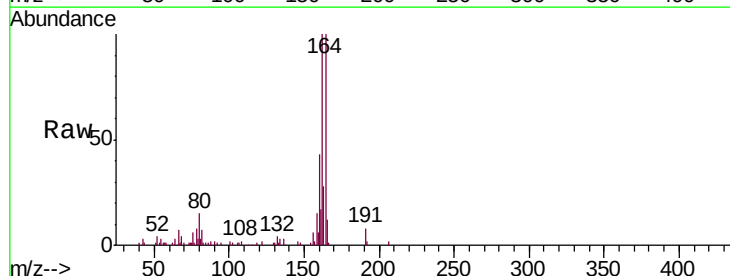
Instrument :
 BNA_G
 ClientSampleId :
 080818-TIPC-E-U-M

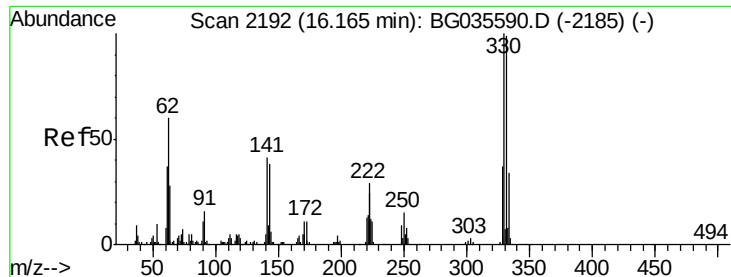
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	42.5	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036289.D
 Acq: 11 Aug 2018 5:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	43.5	35.4	53.0

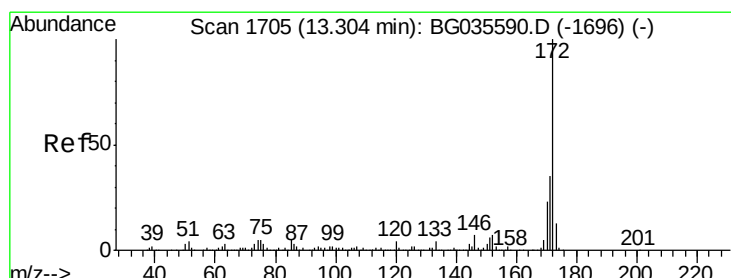
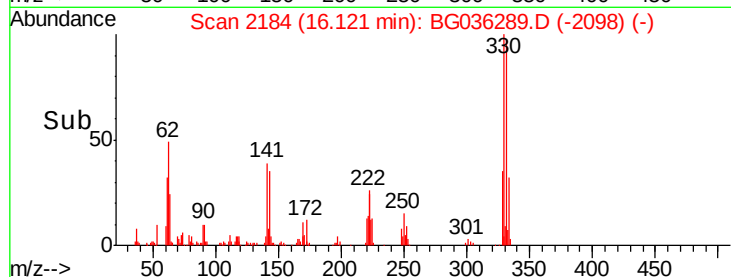
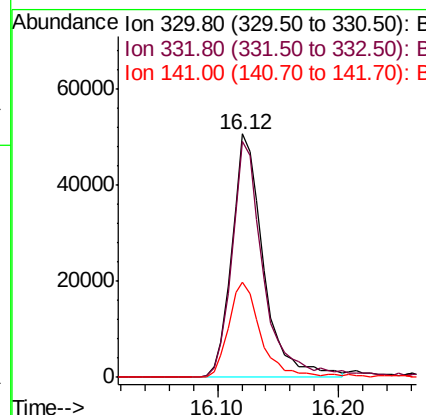
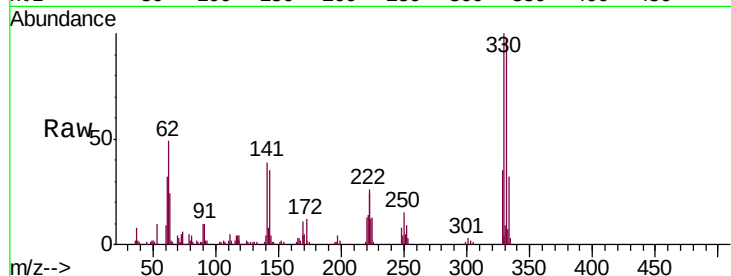




#41
 2,4,6-Tribromophenol
 Concen: 112.552 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.02 min
 Lab File: BG036289.D
 Acq: 11 Aug 2018 5:54

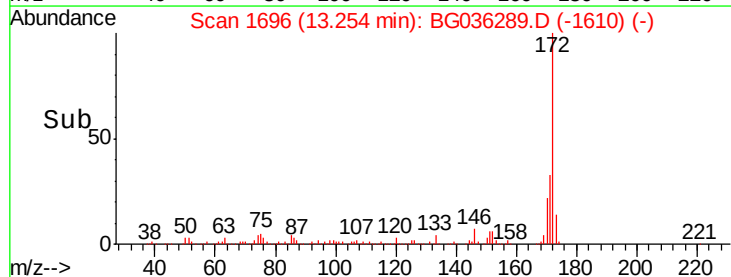
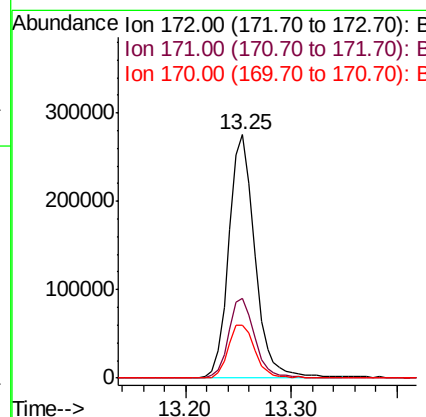
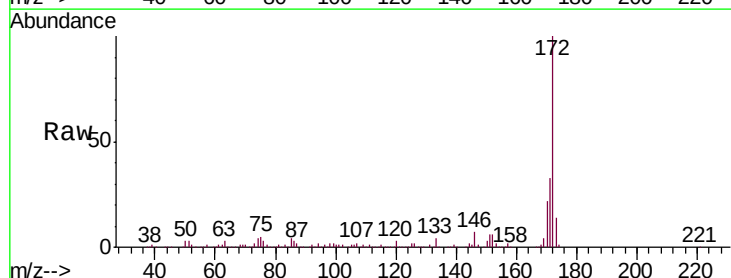
Instrument :
 BNA_G
 ClientSampleId :
 080818-TIPC-E-U-M

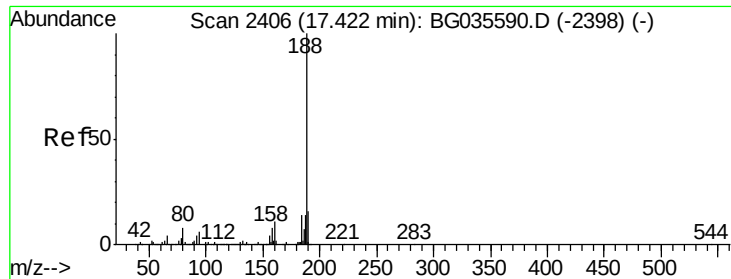
Tgt Ion:330 Resp: 92274
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 38.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.343 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036289.D
 Acq: 11 Aug 2018 5:54

Tgt Ion:172 Resp: 470505
 Ion Ratio Lower Upper
 172 100
 171 32.9 30.0 45.0
 170 21.8 19.5 29.3

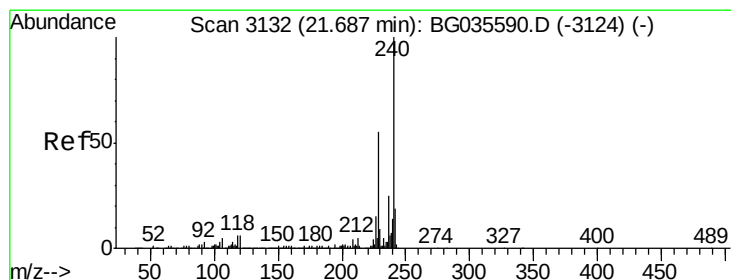
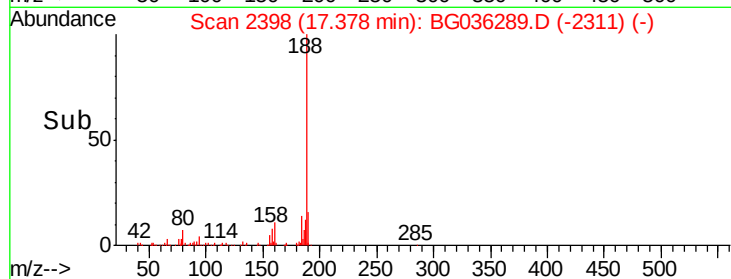
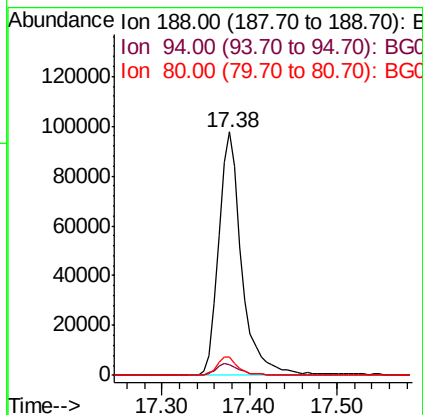
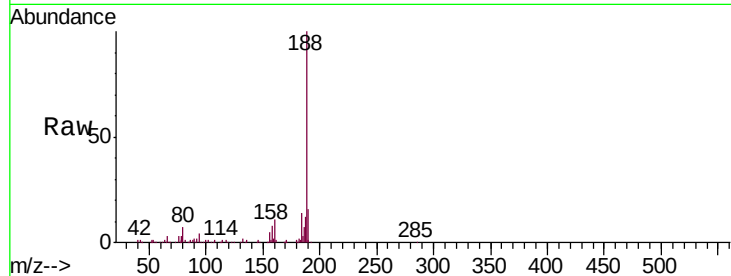




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

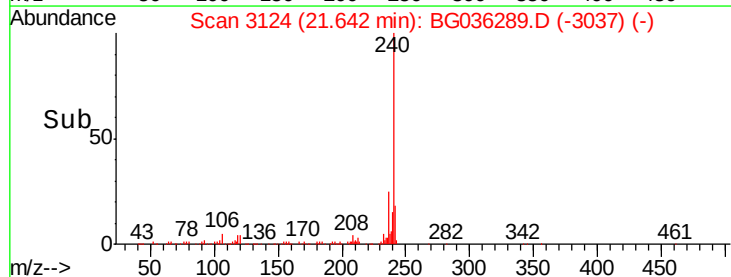
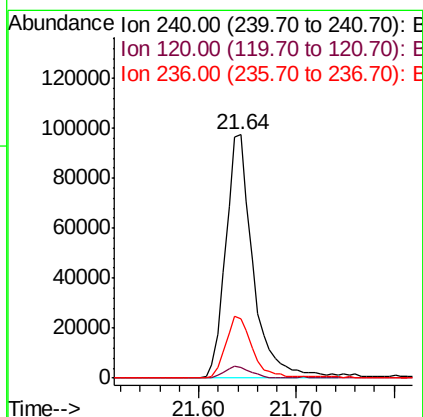
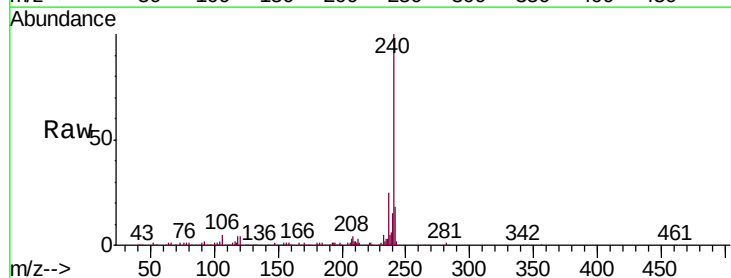
Instrument :
BNA_G
ClientSampleId :
080818-TIPC-E-U-M

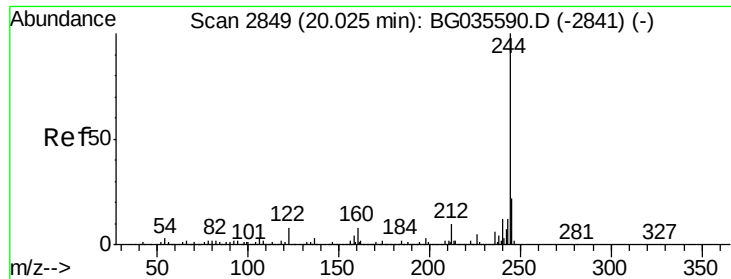
Tgt Ion:188 Resp: 178387
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 7.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036289.D
Acq: 11 Aug 2018 5:54

Tgt Ion:240 Resp: 189858
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 101.747 ng

RT: 19.98 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080818-TIPC-E-U-M

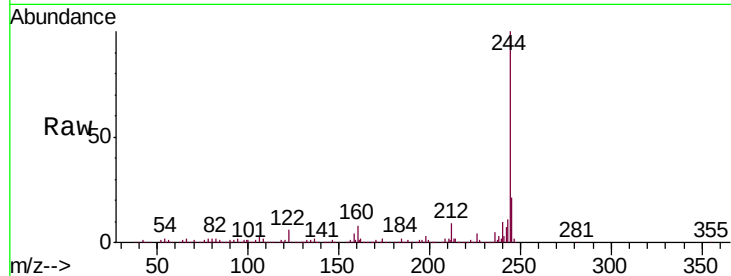
Tgt Ion:244 Resp: 876352

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

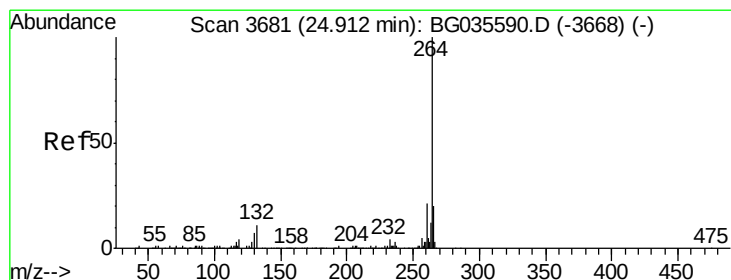
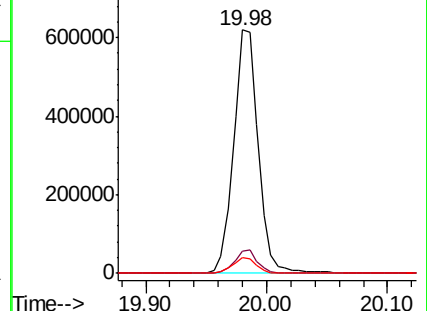
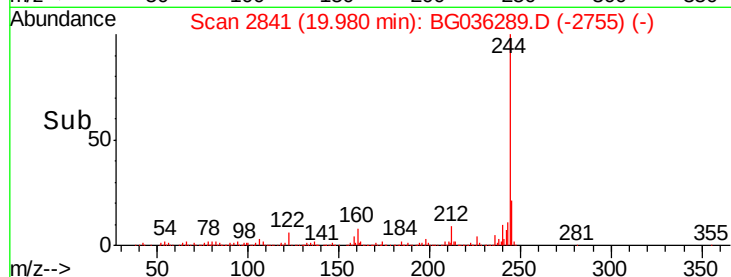
122 6.2 7.0 10.4#



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: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036289.D

Acq: 11 Aug 2018 5:54

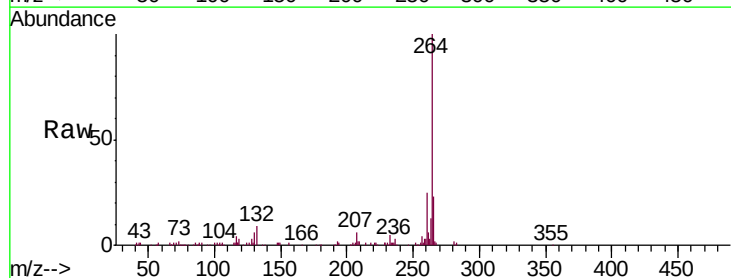
Tgt Ion:264 Resp: 175230

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 22.5 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

