

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036369.D
 Acq On : 23 Aug 2018 8:18
 Operator : JU/SJ
 Sample : J4540-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-S

Quant Time: Aug 23 12:45:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

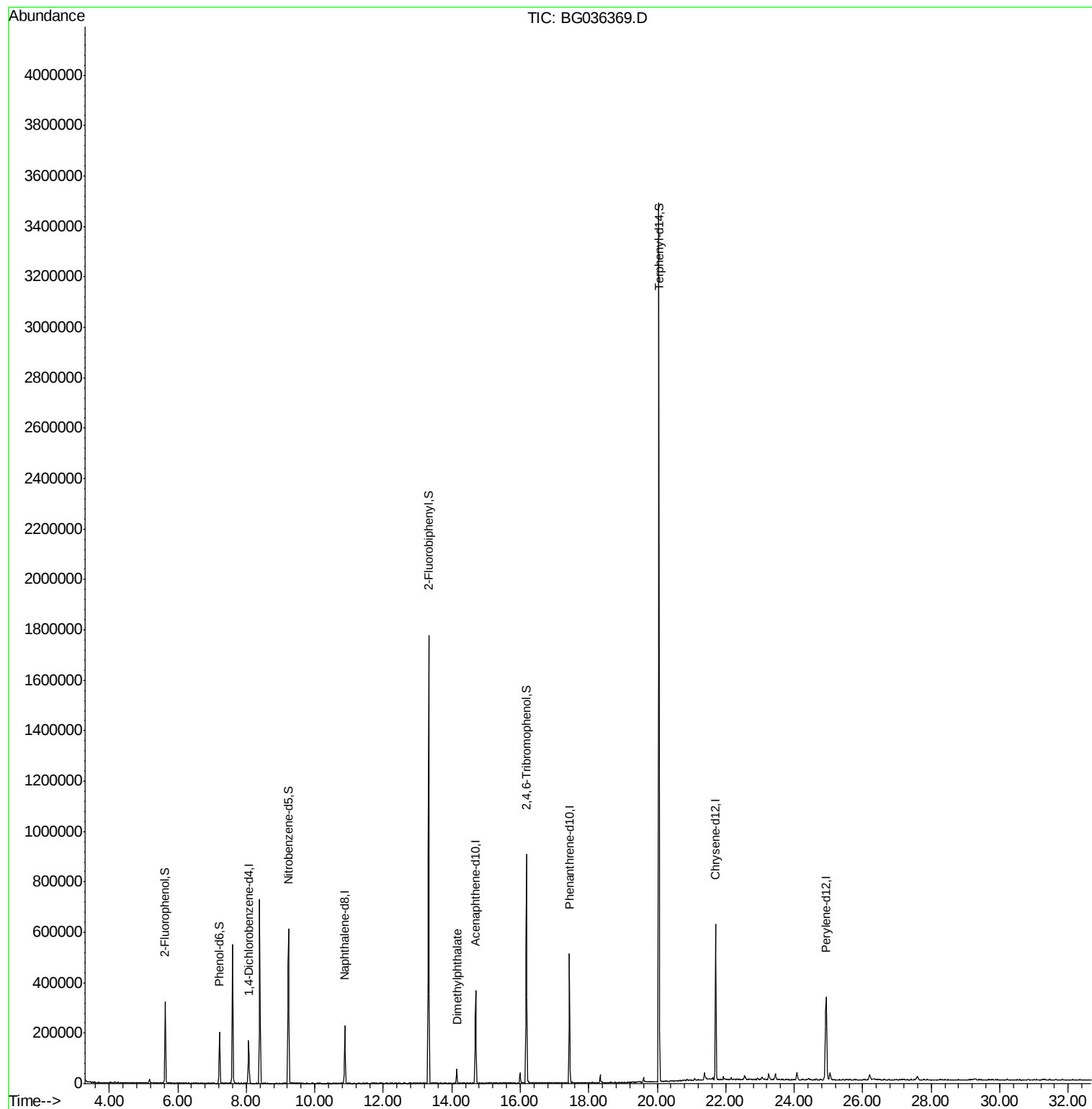
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	47070	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	188548	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	124178	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	319733	20.00	ng	0.00
75) Chrysene-d12	21.71	240	369815	20.00	ng	0.00
86) Perylene-d12	24.93	264	372648	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	130812	44.08	ng	0.00
7) Phenol-d6	7.22	99	118376	27.86	ng	0.00
23) Nitrobenzene-d5	9.23	82	366104	105.35	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	157407	106.23	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	875898	100.71	ng	0.00
78) Terphenyl-d14	20.05	244	1498317	94.70	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.15	163	36328	3.583	ng	Qvalue # 95

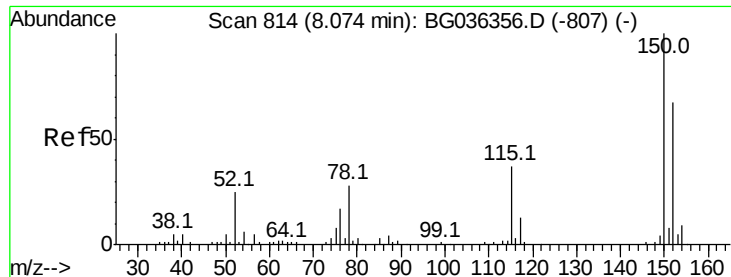
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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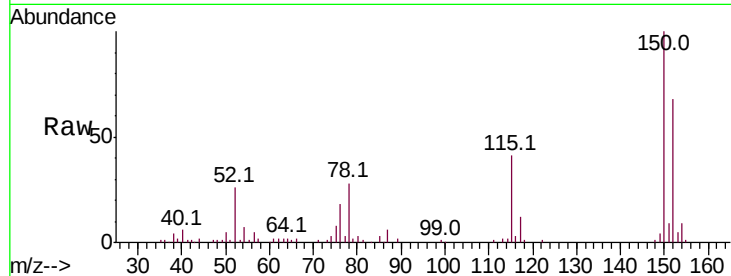


#1

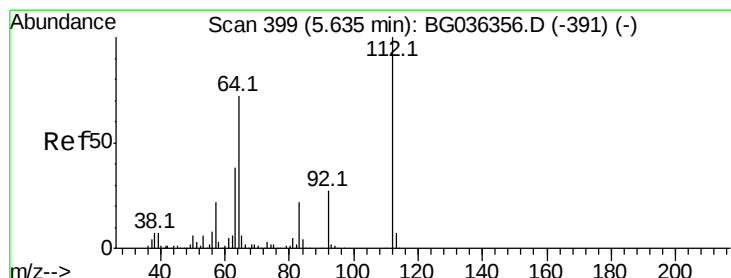
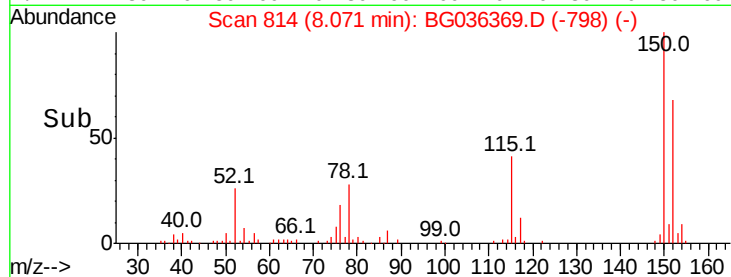
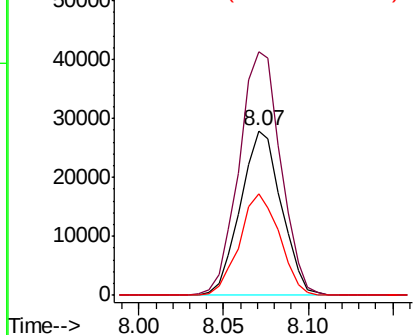
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-U-S

Tot Ion:152 Resp: 47070
Ion Ratio Lower Upper
152 100
150 148.1 119.5 179.3
115 61.4 44.5 66.7



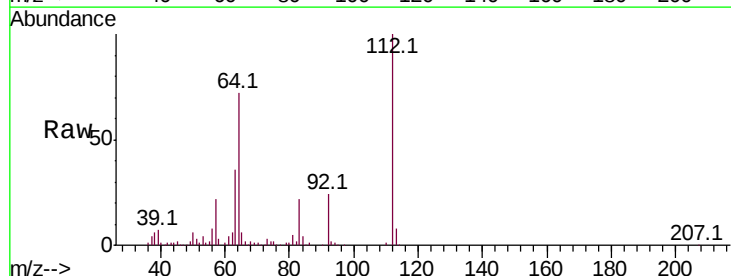
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



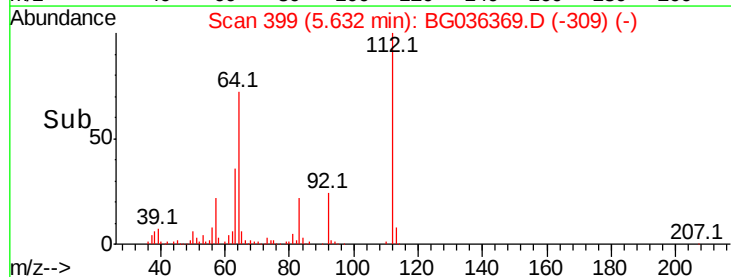
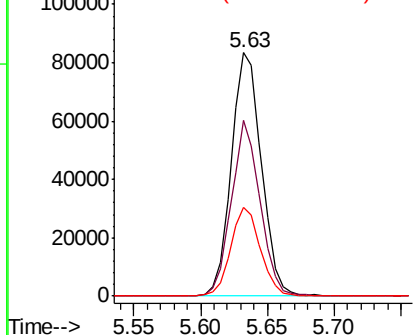
#5

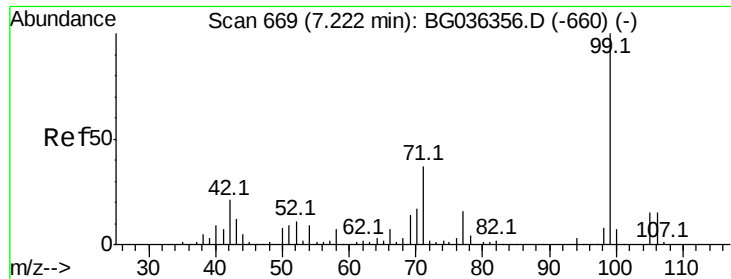
2-Fluorophenol
Concen: 44.085 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Tgt Ion:112 Resp: 130812
Ion Ratio Lower Upper
112 100
64 72.3 57.2 85.8
63 36.3 30.8 46.2



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: 27.863 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-S

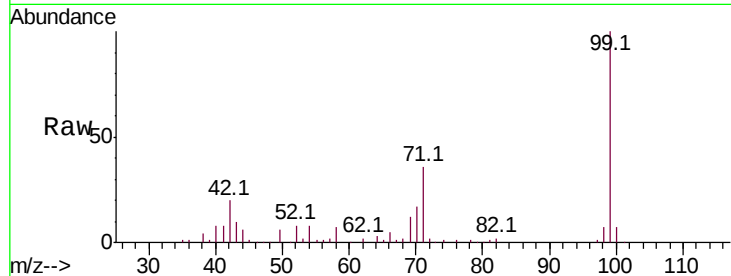
Tot Ion: 99 Resp: 118376

Ion Ratio Lower Upper

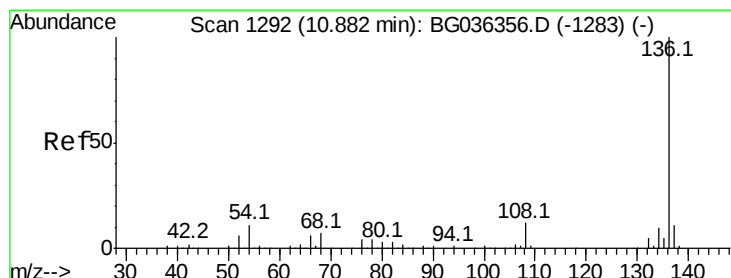
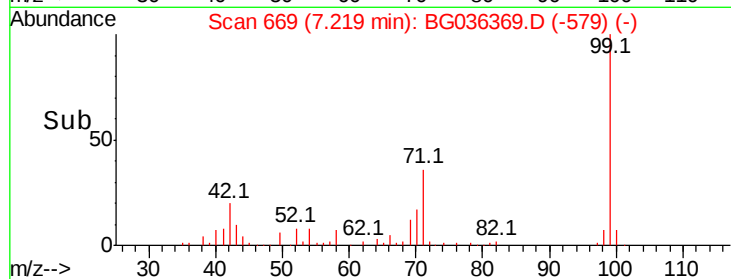
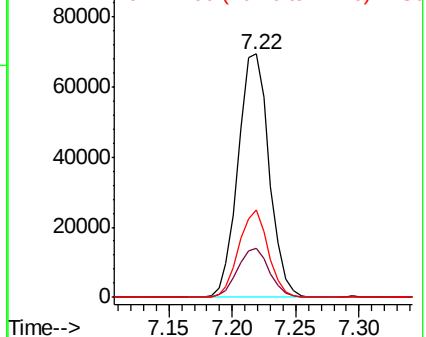
99 100

42 20.1 16.5 24.7

71 35.9 29.4 44.2



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: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Tgt Ion: 136 Resp: 188548

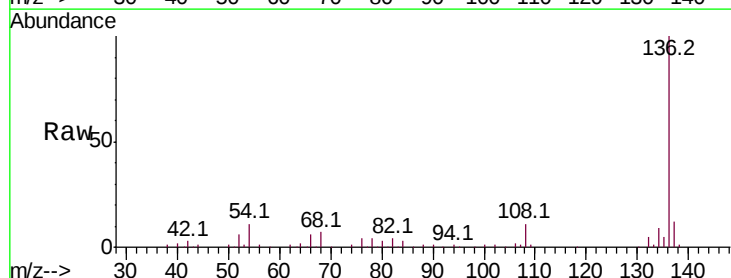
Ion Ratio Lower Upper

136 100

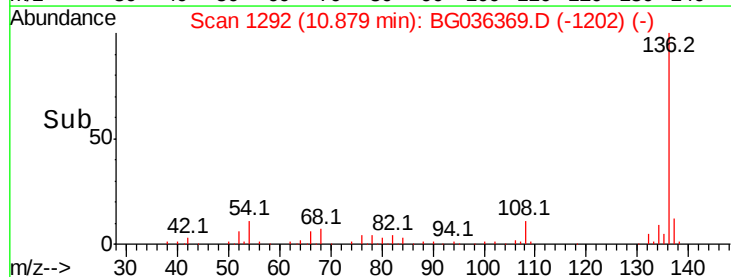
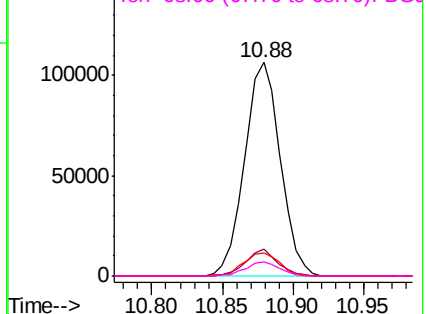
137 12.4 8.8 13.2

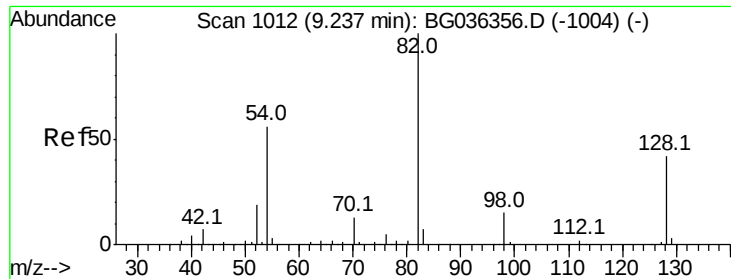
54 10.6 9.2 13.8

68 6.7 5.8 8.6



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

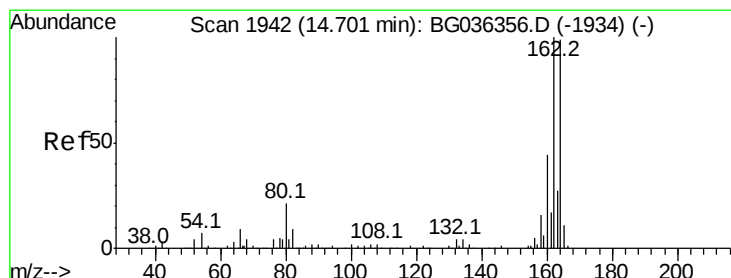
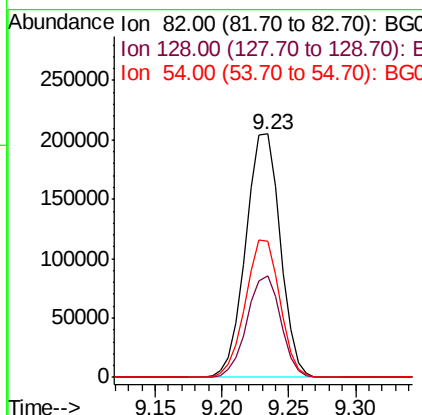
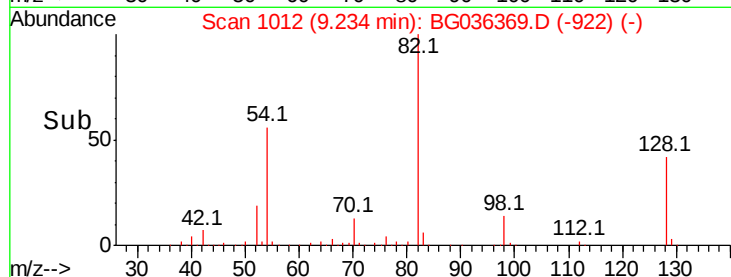
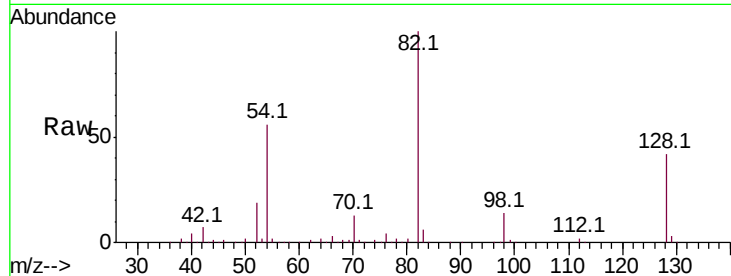




#23
 Nitrobenzene-d5
 Concen: 105.350 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: BG036369.D
 Acq: 23 Aug 2018 8:18

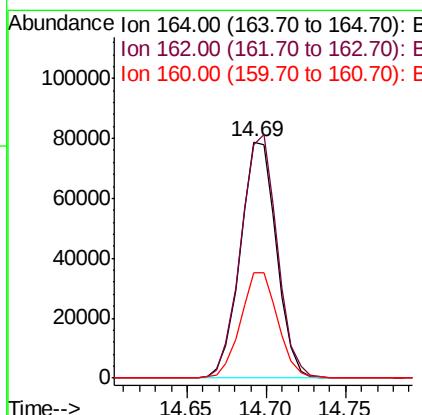
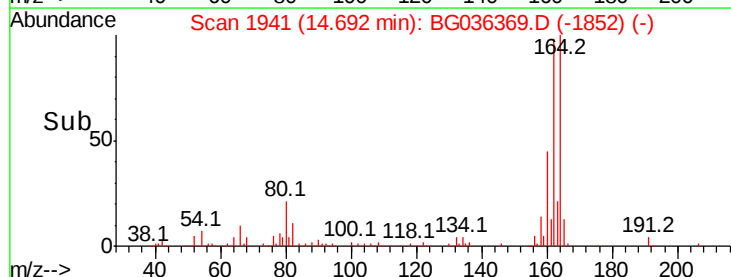
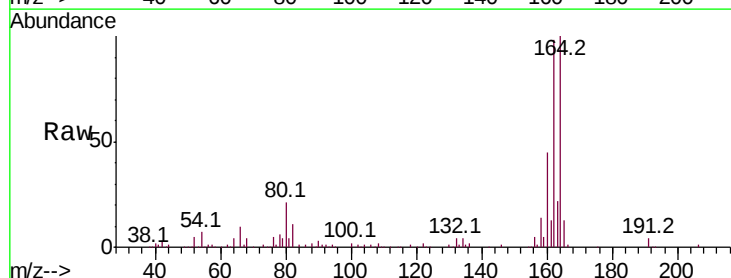
Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-S

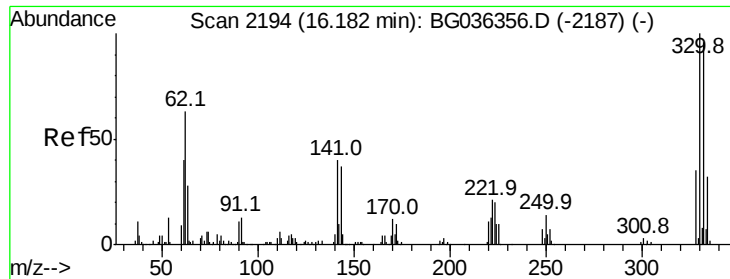
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	56.1	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036369.D
 Acq: 23 Aug 2018 8:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.7	121.1
160	44.6	35.3	52.9

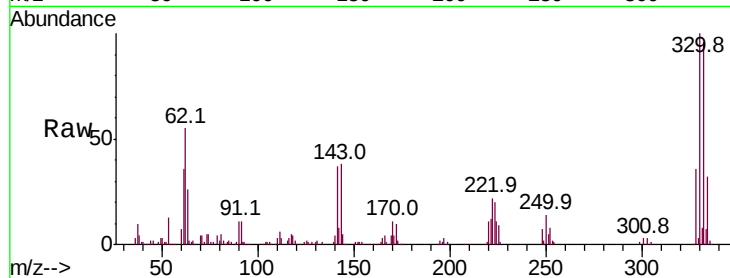




#41
 2,4,6-Tribromophenol
 Concen: 106.233 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036369.D
 Acq: 23 Aug 2018 8:18

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	38.9	30.7	46.1

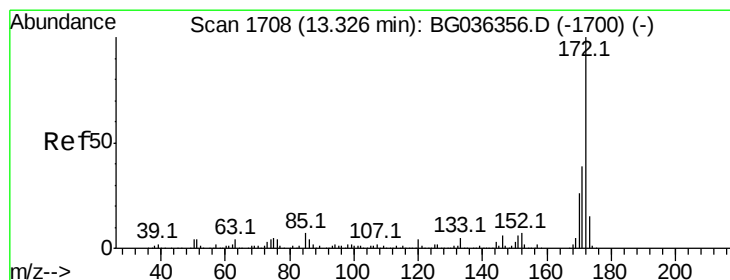
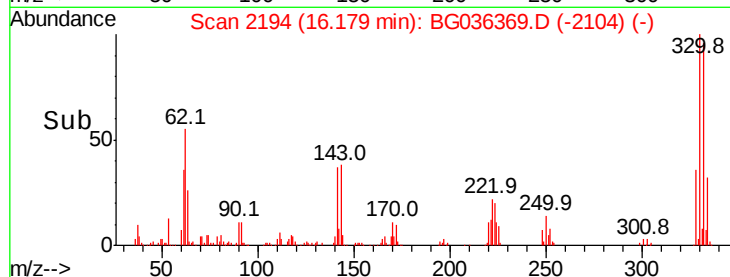
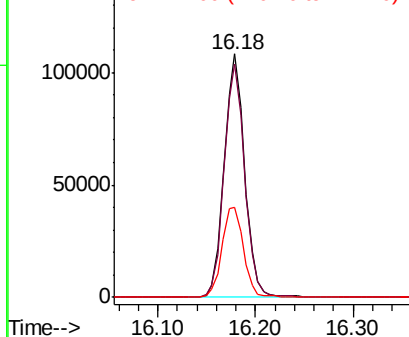


Abundance

Ion 329.80 (329.50 to 330.50): E

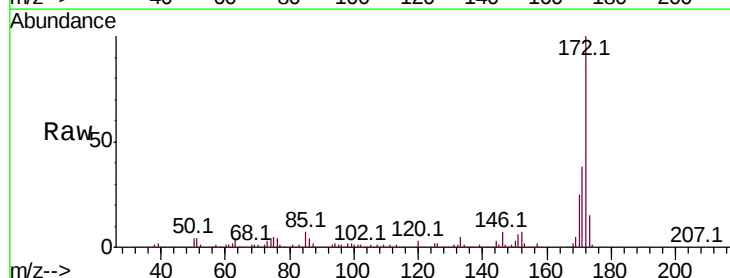
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.712 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036369.D
 Acq: 23 Aug 2018 8:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	24.7	21.0	31.6

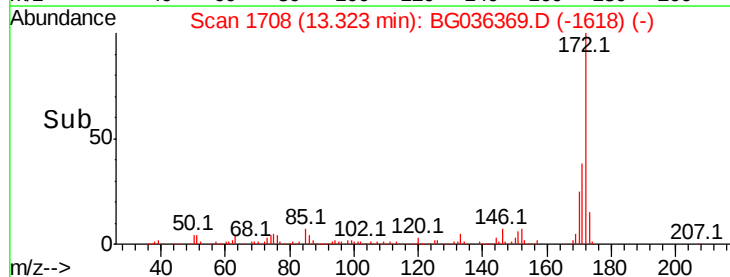
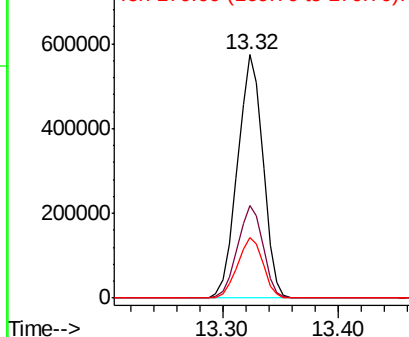


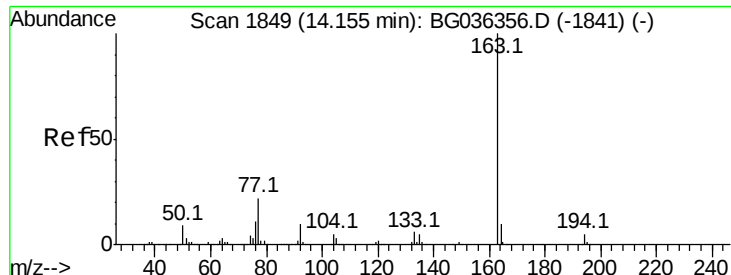
Abundance

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: 3.583 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-S

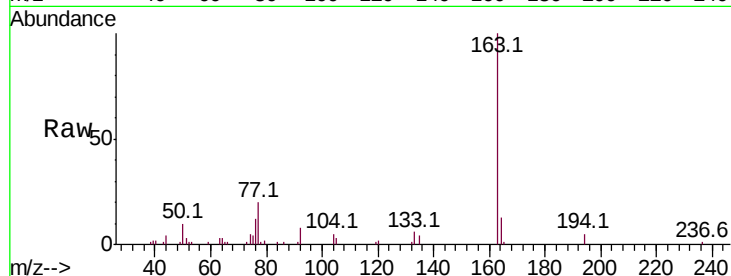
Tot Ion:163 Resp: 36328

Ion Ratio Lower Upper

163 100

194 4.7 4.0 6.0

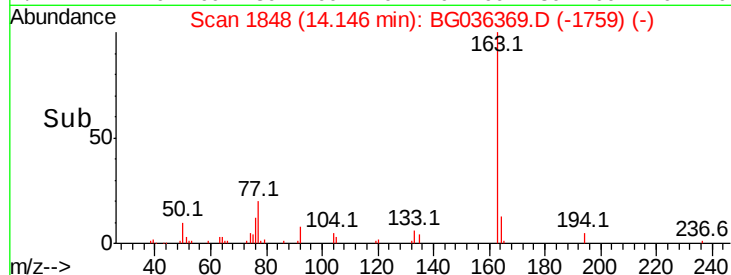
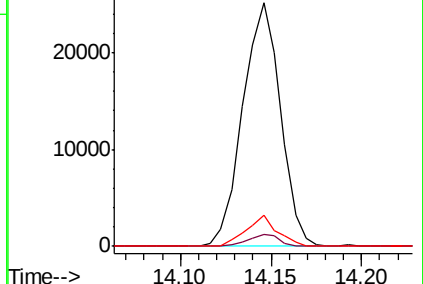
164 12.8 8.1 12.1#



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: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

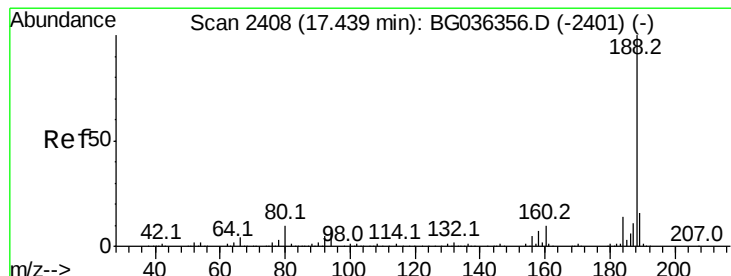
Tgt Ion:188 Resp: 319733

Ion Ratio Lower Upper

188 100

94 8.1 6.7 10.1

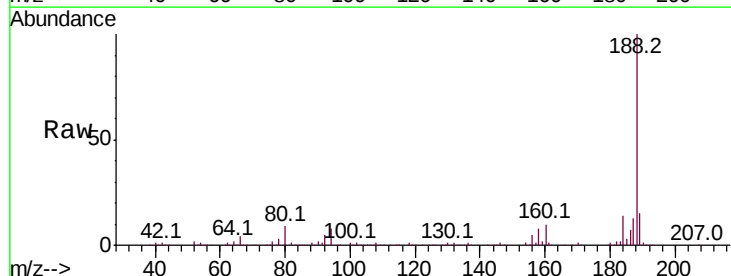
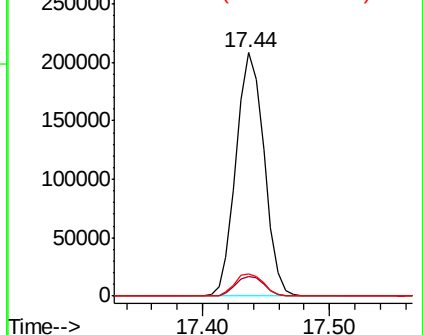
80 9.0 8.1 12.1

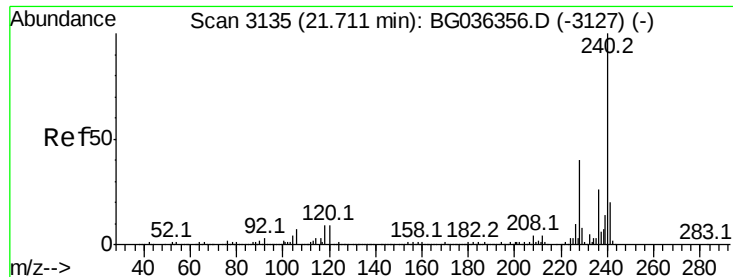


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-U-S

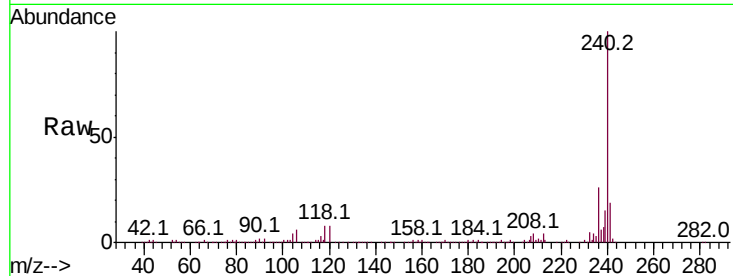
Tot Ion:240 Resp: 369815

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

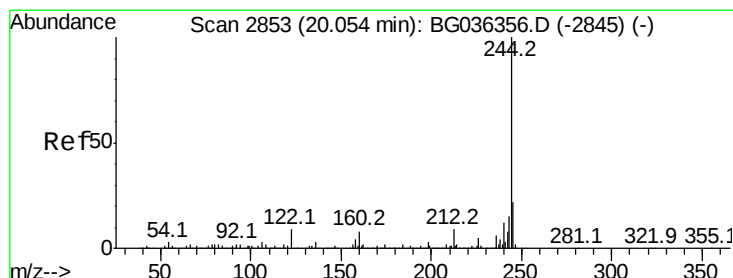
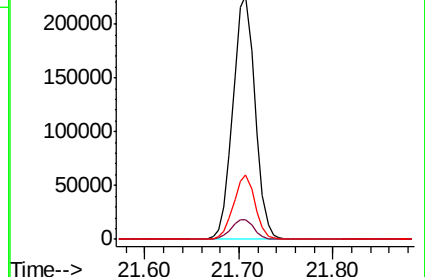
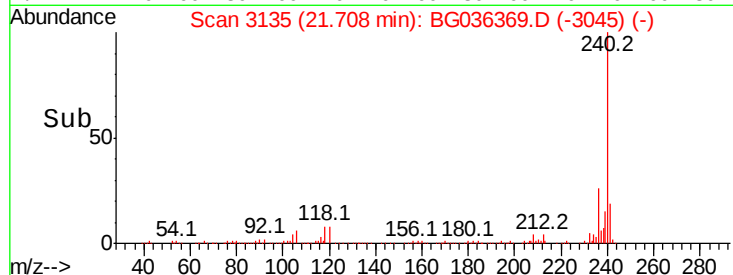
236 26.5 21.2 31.8



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: 94.698 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036369.D

Acq: 23 Aug 2018 8:18

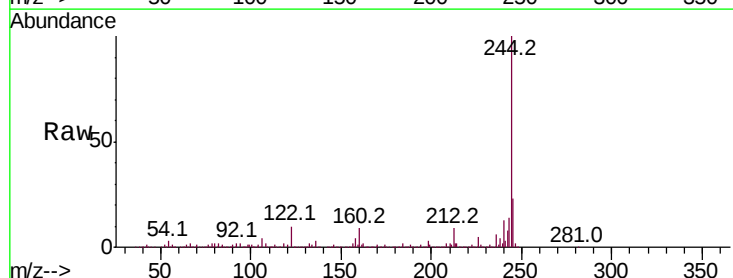
Tgt Ion:244 Resp: 1498317

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

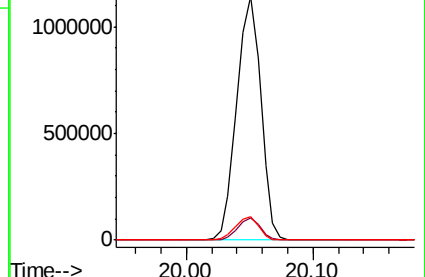
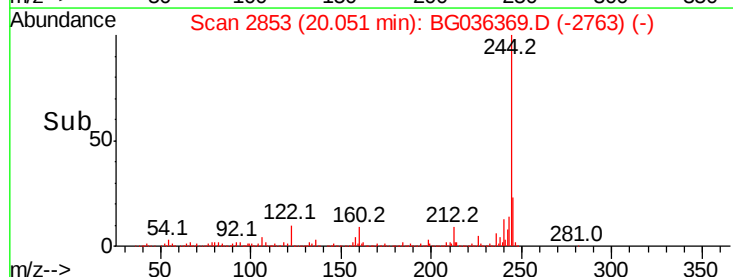
122 9.8 7.1 10.7

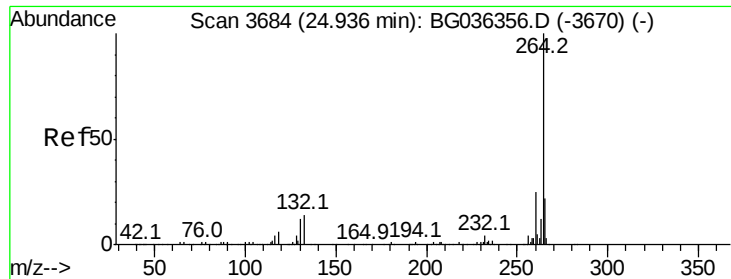


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.00 min
Lab File: BG036369.D
Acq: 23 Aug 2018 8:18

Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	20.8	17.4	26.0

