

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036366.D
 Acq On : 23 Aug 2018 6:21
 Operator : JU/SJ
 Sample : J4540-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-D-B

Quant Time: Aug 23 12:43:00 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

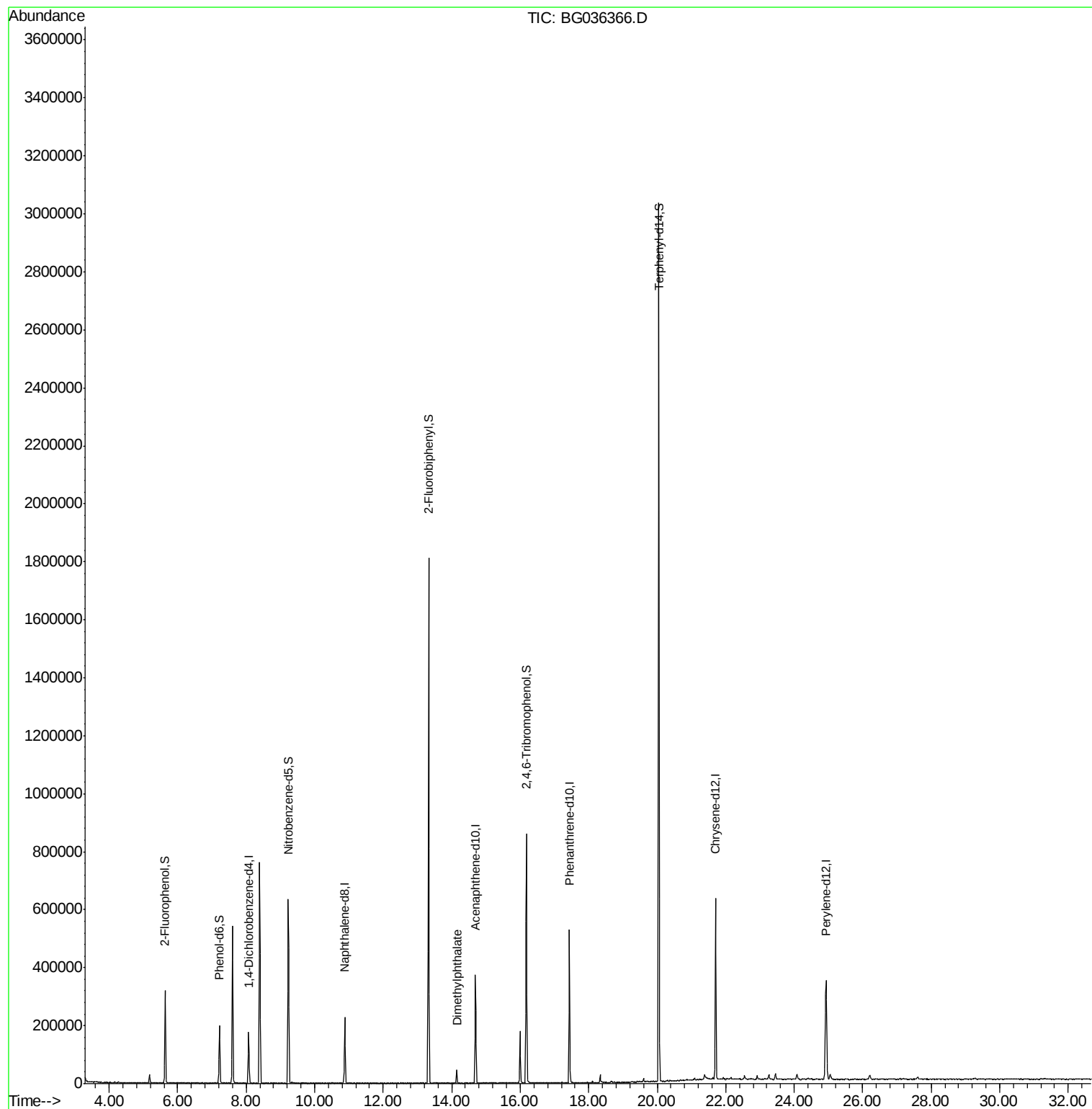
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49215	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	194796	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	125751	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	323299	20.00	ng	0.00
75) Chrysene-d12	21.71	240	372874	20.00	ng	0.00
86) Perylene-d12	24.93	264	378383	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	127812	41.20	ng	0.00
7) Phenol-d6	7.22	99	113984	25.66	ng	0.00
23) Nitrobenzene-d5	9.23	82	374072	104.19	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	150121	100.05	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	881820	100.12	ng	0.00
78) Terphenyl-d14	20.05	244	1433003	89.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.15	163	29450	2.868	ng	Qvalue # 98

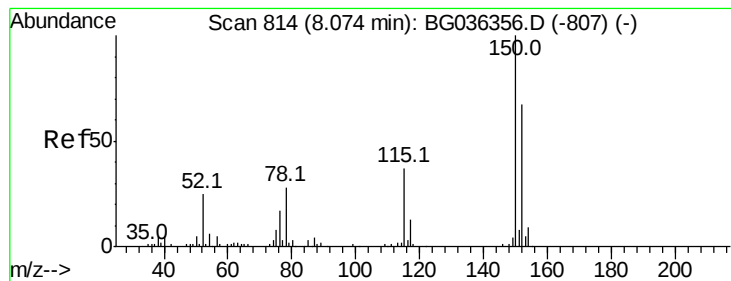
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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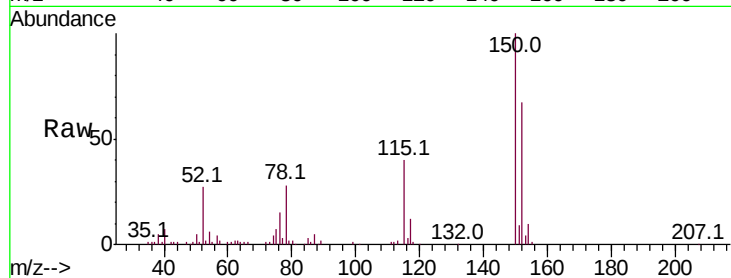


#1

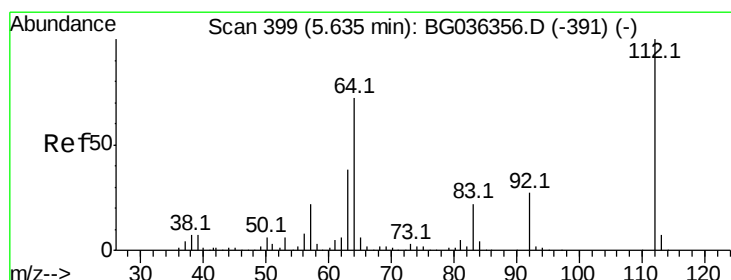
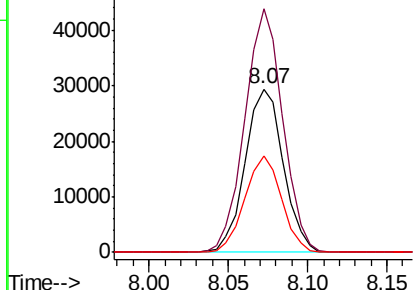
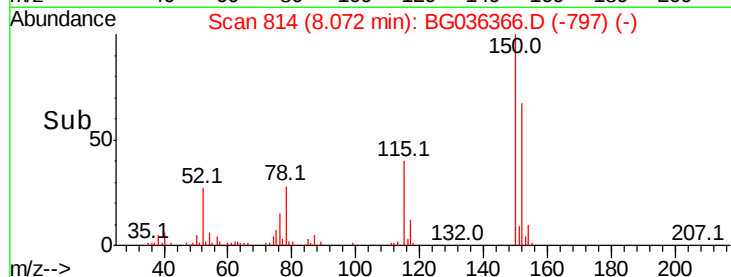
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036366.D
Acq: 23 Aug 2018 6:21

Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-D-B

Tot Ion:152 Resp: 49215
Ion Ratio Lower Upper
152 100
150 149.0 119.5 179.3
115 59.2 44.5 66.7



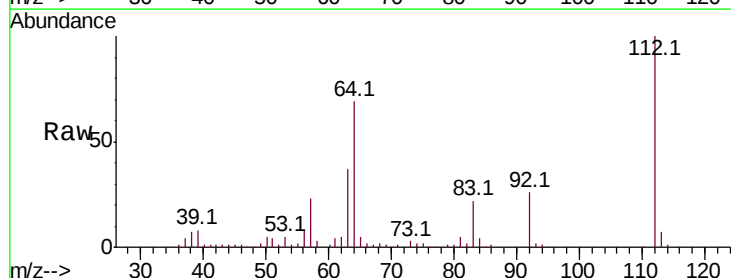
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



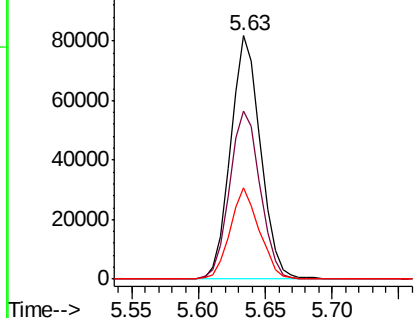
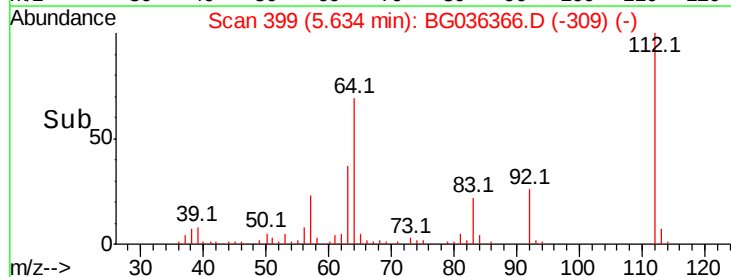
#5

2-Fluorophenol
Concen: 41.196 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036366.D
Acq: 23 Aug 2018 6:21

Tgt Ion:112 Resp: 127812
Ion Ratio Lower Upper
112 100
64 69.2 57.2 85.8
63 37.3 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: 25.660 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036366.D

Acq: 23 Aug 2018 6:21

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-B

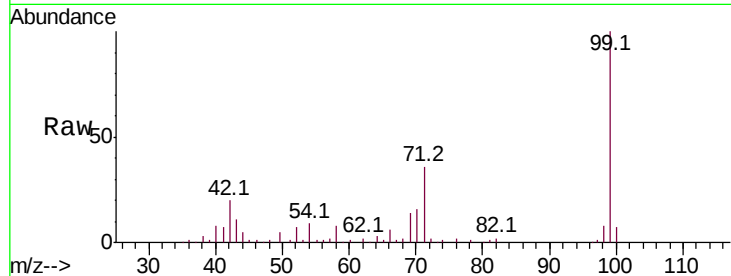
Tot Ion: 99 Resp: 113984

Ion Ratio Lower Upper

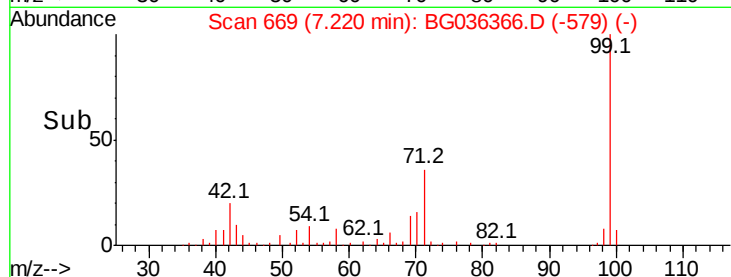
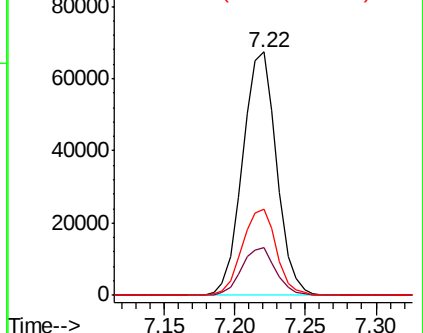
99 100

42 19.8 16.5 24.7

71 35.6 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: BG036366.D

Acq: 23 Aug 2018 6:21

Tgt Ion: 136 Resp: 194796

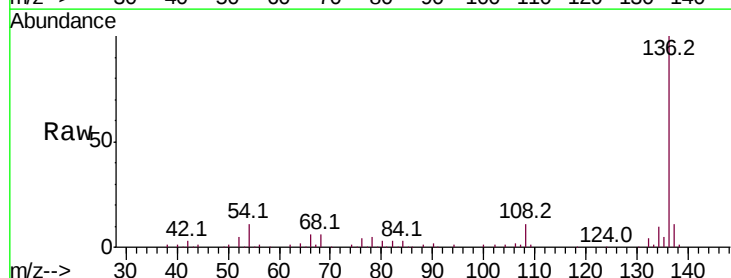
Ion Ratio Lower Upper

136 100

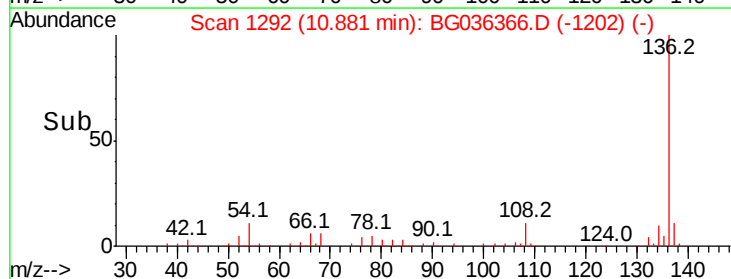
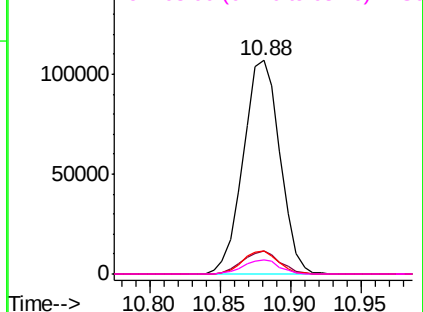
137 10.6 8.8 13.2

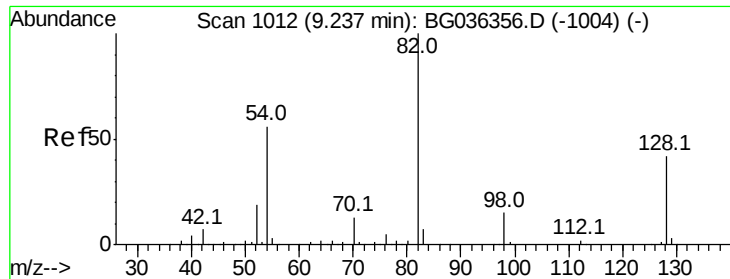
54 10.9 9.2 13.8

68 6.5 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

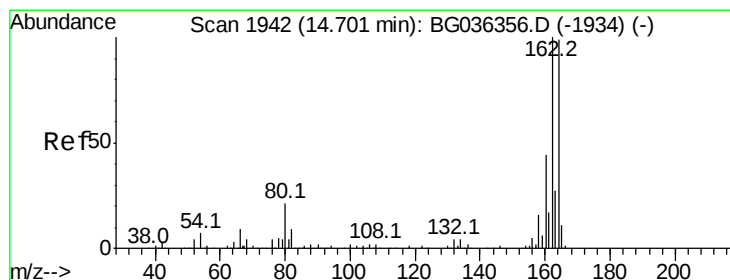
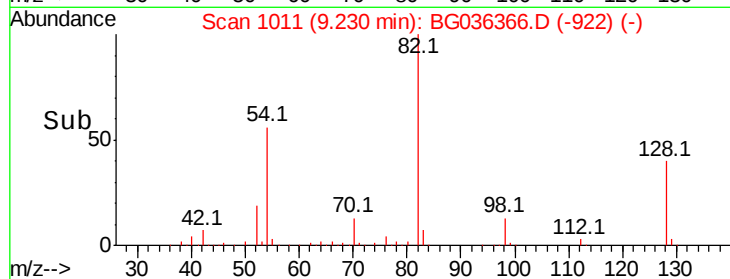
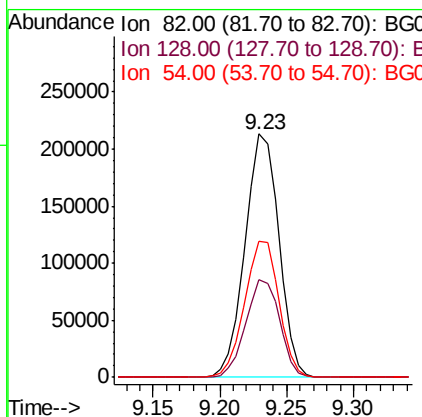
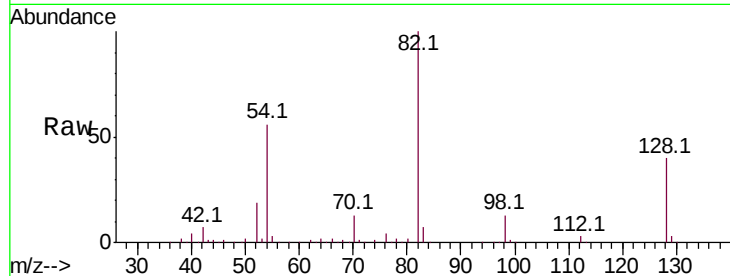




#23
Nitrobenzene-d5
Concen: 104.191 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036366.D
Acq: 23 Aug 2018 6:21

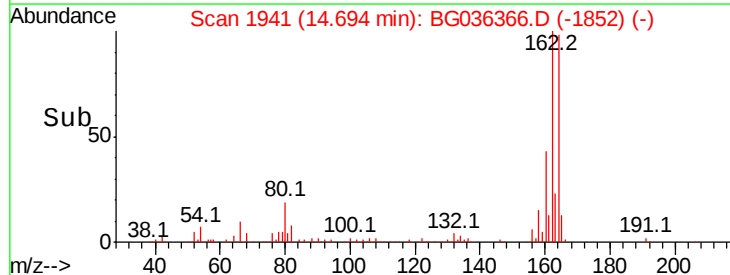
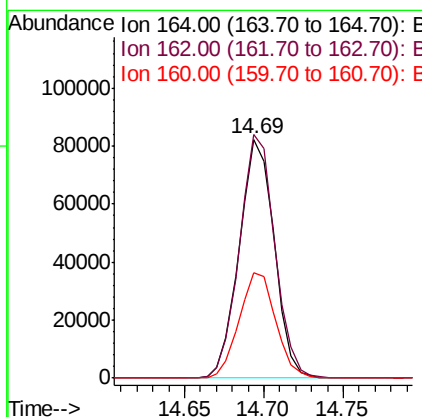
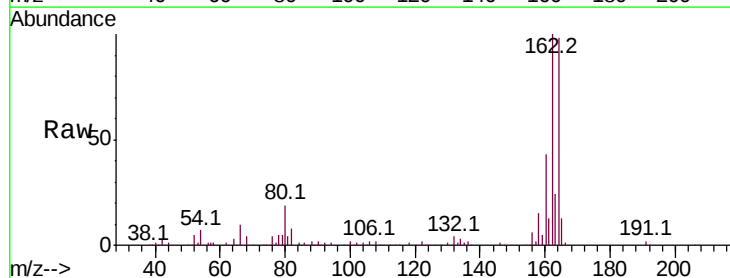
Instrument :
BNA_G
ClientSampleId :
081618-SIDI-E-D-B

Tot Ion: 82 Resp: 374072
Ion Ratio Lower Upper
82 100
128 40.2 33.3 49.9
54 56.2 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: BG036366.D
Acq: 23 Aug 2018 6:21

Tgt Ion:164 Resp: 125751
Ion Ratio Lower Upper
164 100
162 102.0 80.7 121.1
160 43.9 35.3 52.9

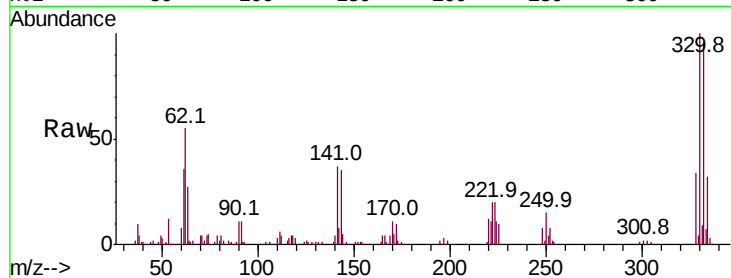




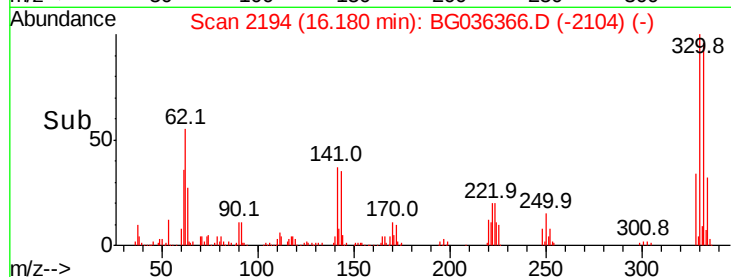
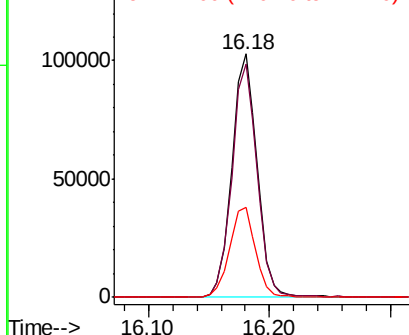
#41
 2,4,6-Tribromophenol
 Concen: 100.048 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036366.D
 Acq: 23 Aug 2018 6:21

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.2
141	37.9	30.7	46.1

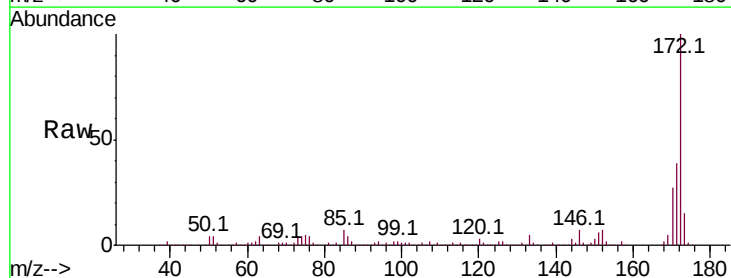


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

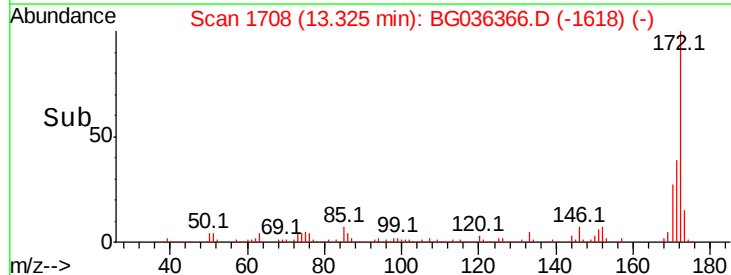
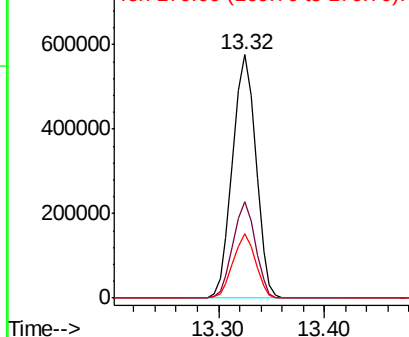


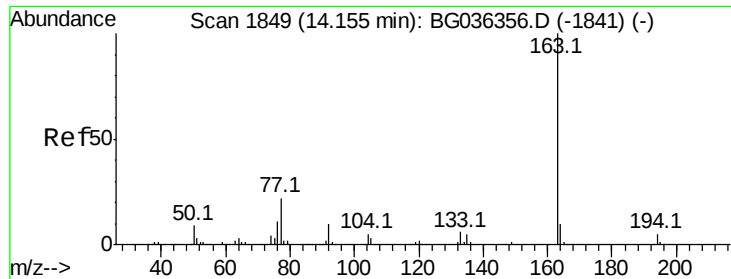
#44
 2-Fluorobiphenyl
 Concen: 100.125 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036366.D
 Acq: 23 Aug 2018 6:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	31.3	46.9
170	26.7	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: 2.868 ng

RT: 14.15 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036366.D

Acq: 23 Aug 2018 6:21

Instrument :

BNA_G

ClientSampleId :

081618-SIDI-E-D-B

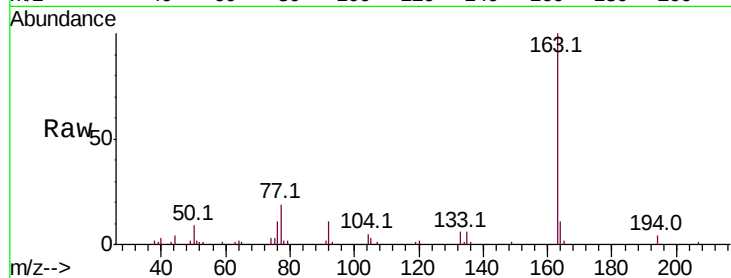
Tot Ion:163 Resp: 29450

Ion Ratio Lower Upper

163 100

194 3.8 4.0 6.0#

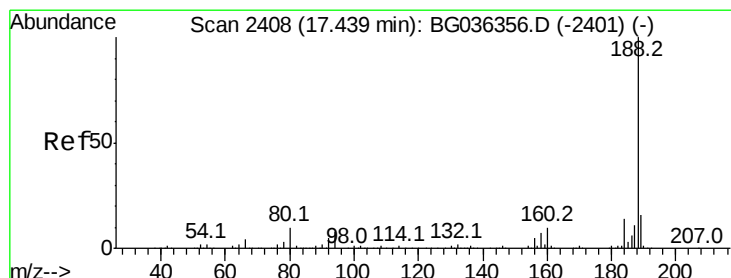
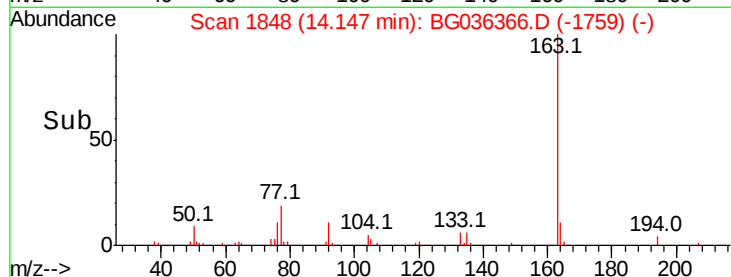
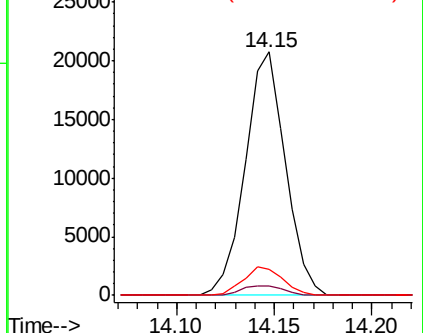
164 10.8 8.1 12.1



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: BG036366.D

Acq: 23 Aug 2018 6:21

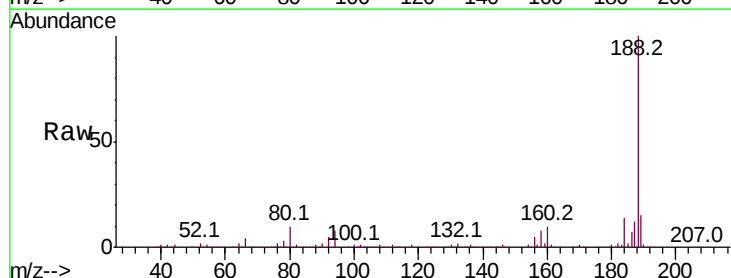
Tgt Ion:188 Resp: 323299

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

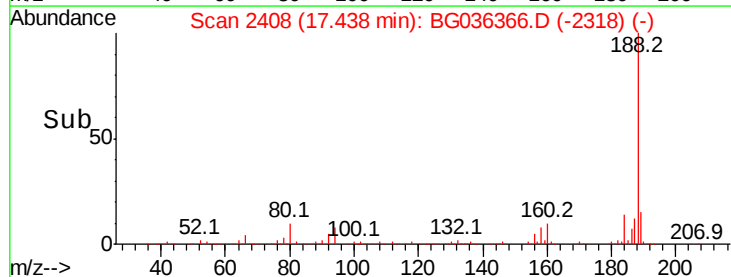
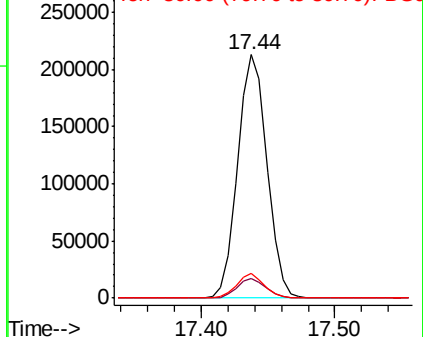
80 10.3 8.1 12.1

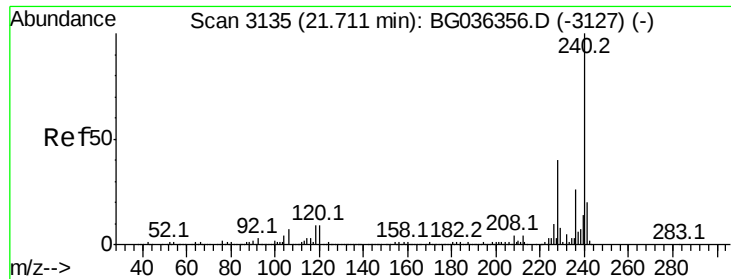


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

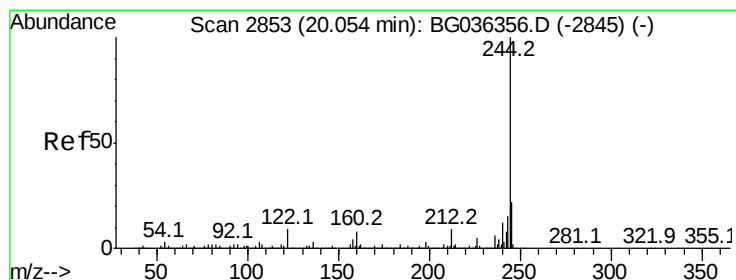
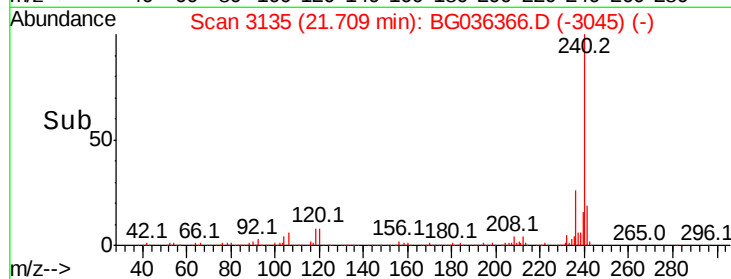
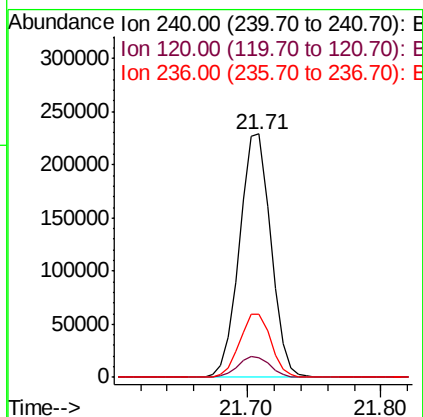
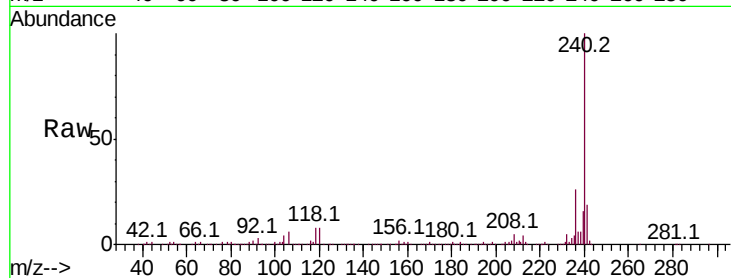




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG036366.D
 Acq: 23 Aug 2018 6:21

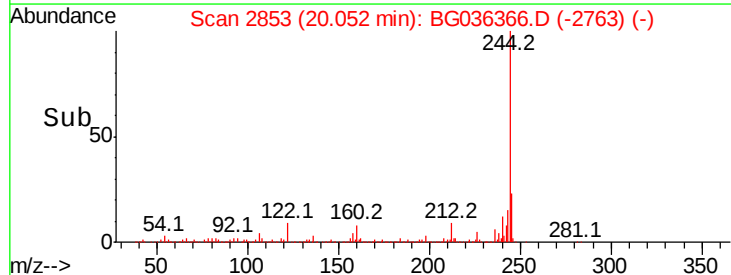
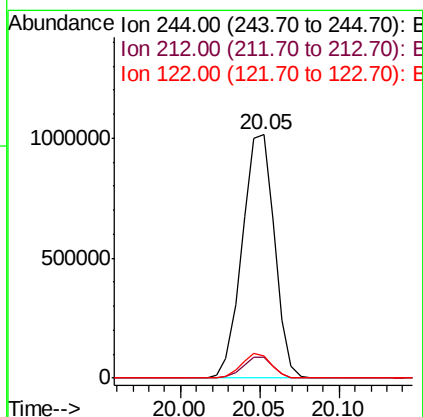
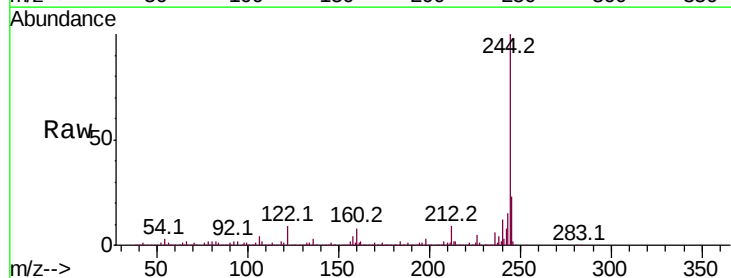
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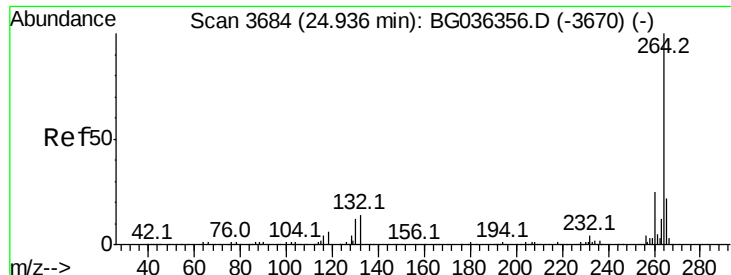
Tot Ion:240 Resp: 372874
 Ion Ratio Lower Upper
 240 100
 120 8.2 6.9 10.3
 236 26.0 21.2 31.8



#78
 Terphenyl-d14
 Concen: 89.827 ng
 RT: 20.05 min Scan# 2853
 Delta R.T. -0.00 min
 Lab File: BG036366.D
 Acq: 23 Aug 2018 6:21

Tgt Ion:244 Resp: 1433003
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 9.1 7.1 10.7





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3683
 Delta R.T. -0.01 min
 Lab File: BG036366.D
 Acq: 23 Aug 2018 6:21

Instrument :
 BNA_G
 ClientSampleId :
 081618-SIDI-E-D-B

Tot Ion:	264	Resp:	378383
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.1	17.4	26.0

