

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036405.D
 Acq On : 24 Aug 2018 9:13
 Operator : JU/SJ
 Sample : J4568-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-S

Quant Time: Aug 24 10:51:27 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

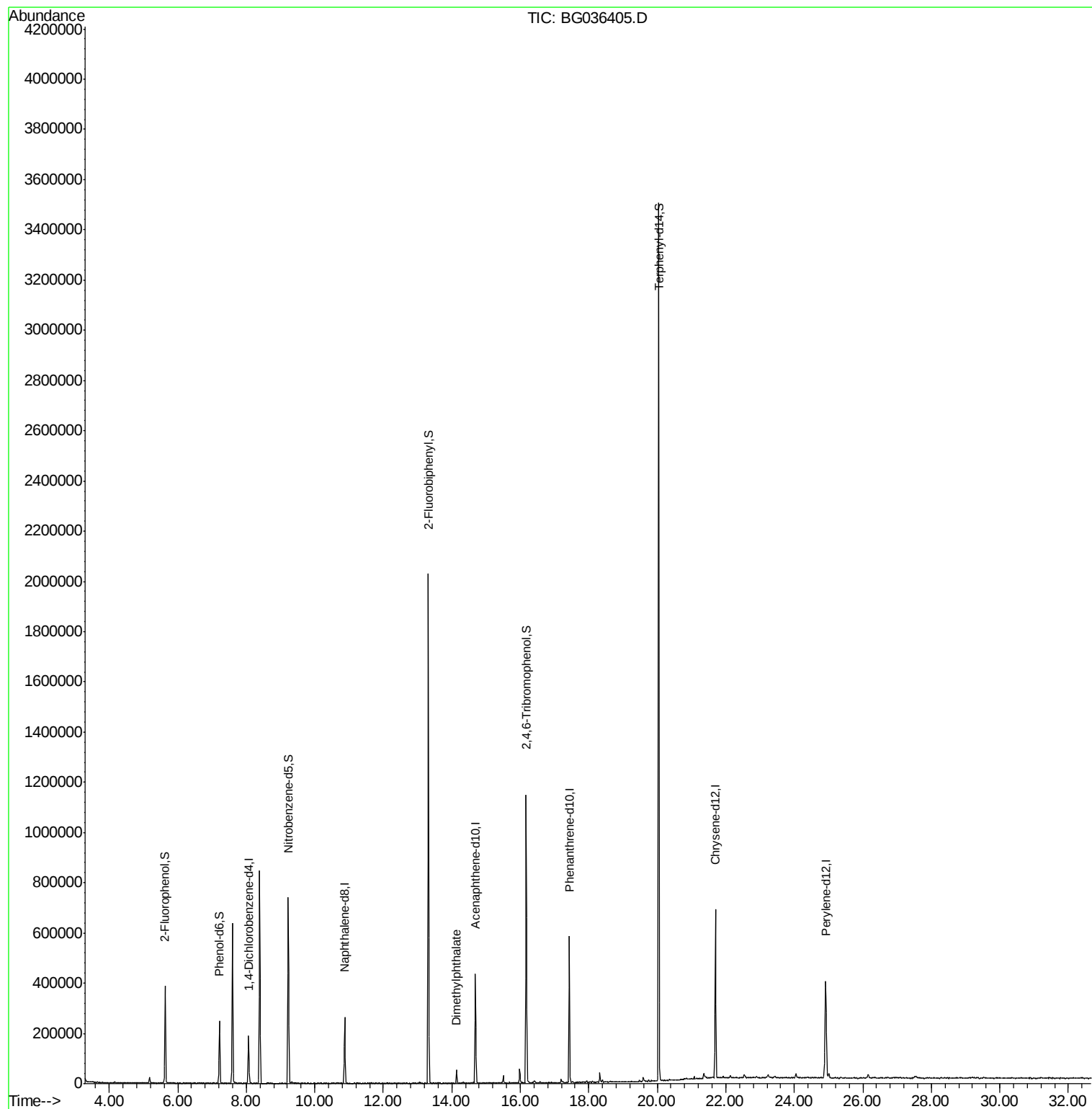
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	54374	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	222010	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	144794	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	371332	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	417530	20.00	ng	-0.01
86) Perylene-d12	24.91	264	422665	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	159741	46.60	ng	0.00
7) Phenol-d6	7.22	99	141854	28.90	ng	0.00
23) Nitrobenzene-d5	9.23	82	436255	106.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	198201	114.72	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1030180	101.59	ng	-0.01
78) Terphenyl-d14	20.04	244	1601703	89.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	14.14	163	32956	2.787	ng	Qvalue # 98

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

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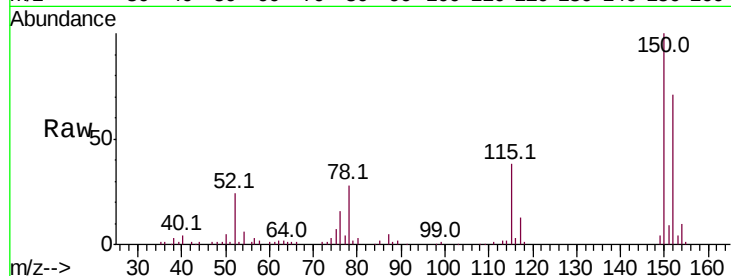


#1

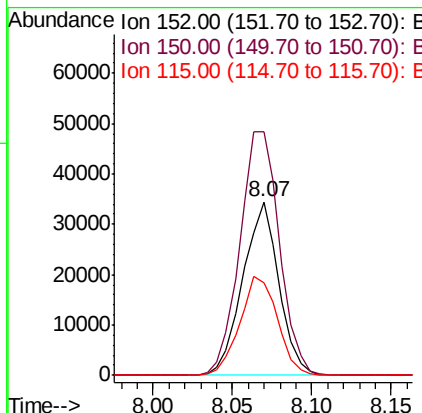
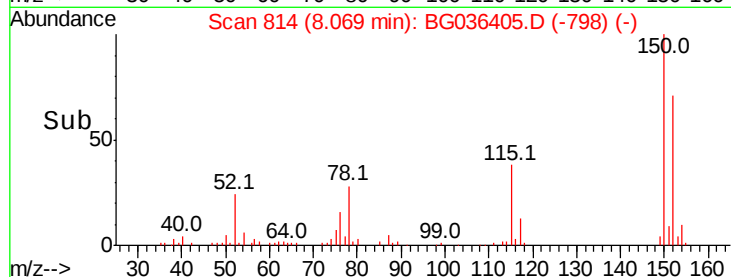
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036405.D
Acq: 24 Aug 2018 9:13

Instrument :
BNA_G
ClientSampleId :
081718-SIDI-E-D-S

Tot Ion:152 Resp: 54374
Ion Ratio Lower Upper
152 100
150 140.1 119.5 179.3
115 53.0 44.5 66.7



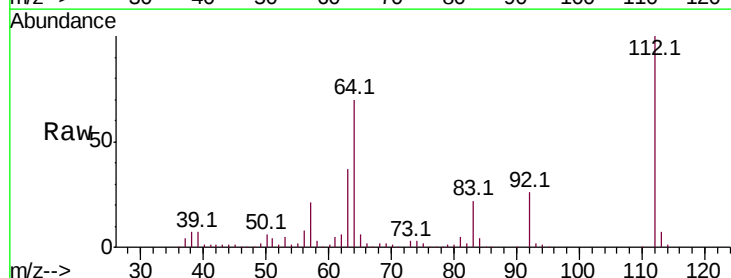
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



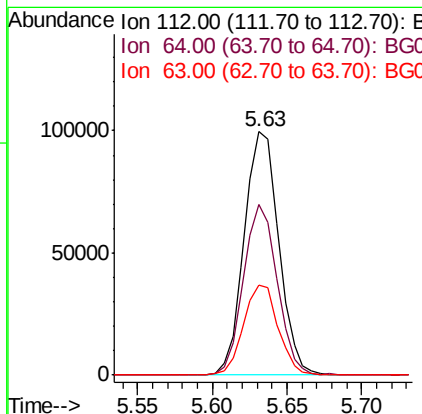
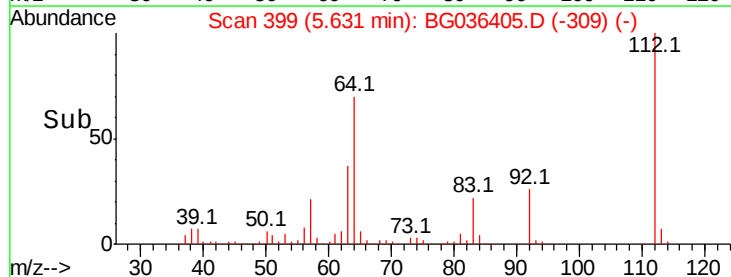
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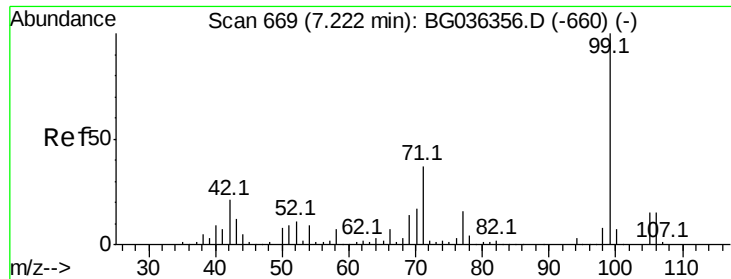
2-Fluorophenol
Concen: 46.602 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG036405.D
Acq: 24 Aug 2018 9:13

Tgt Ion:112 Resp: 159741
Ion Ratio Lower Upper
112 100
64 70.2 57.2 85.8
63 37.0 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: 28.905 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036405.D

Acq: 24 Aug 2018 9:13

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-D-S

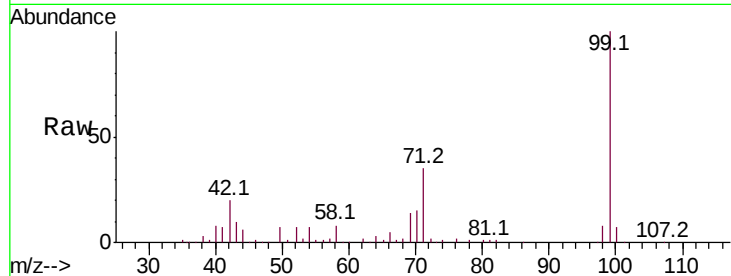
Tot Ion: 99 Resp: 141854

Ion Ratio Lower Upper

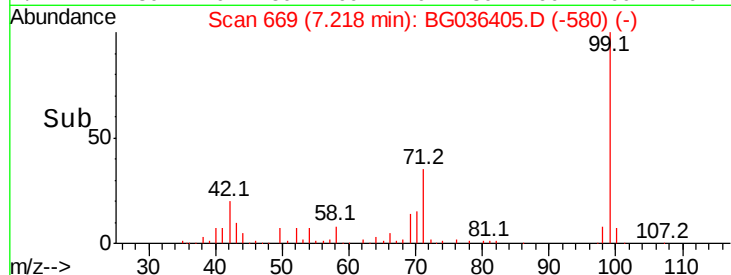
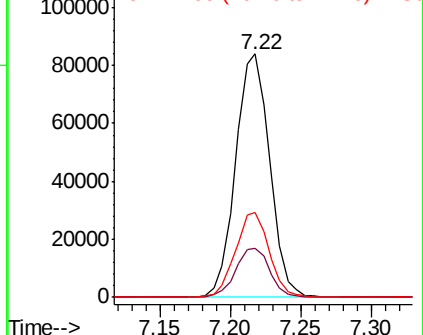
99 100

42 20.1 16.5 24.7

71 34.7 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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036405.D

Acq: 24 Aug 2018 9:13

Tgt Ion: 136 Resp: 222010

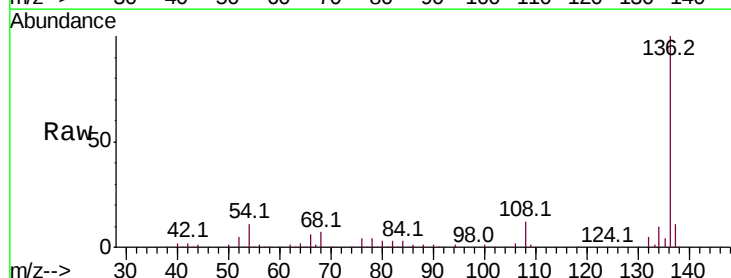
Ion Ratio Lower Upper

136 100

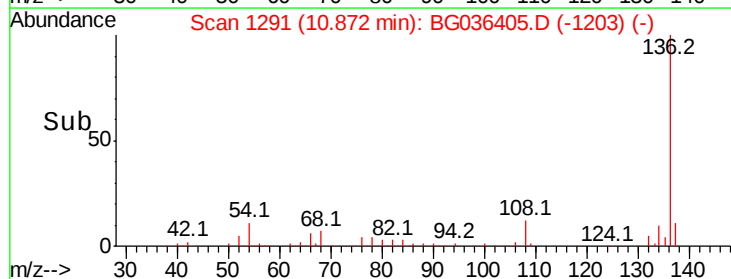
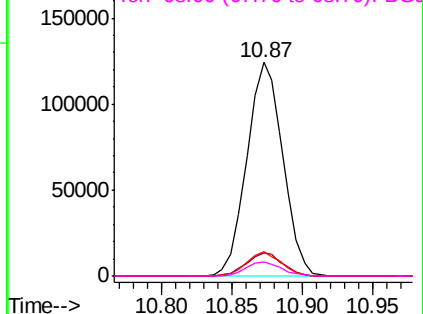
137 11.1 8.8 13.2

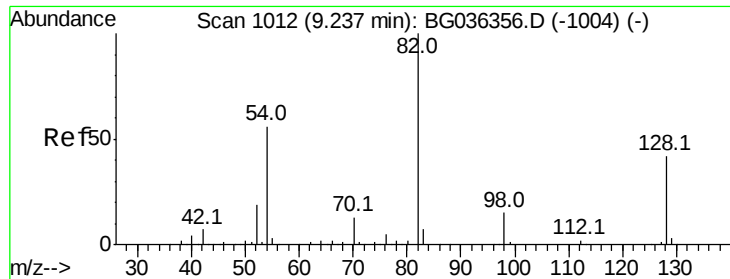
54 11.3 9.2 13.8

68 6.7 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

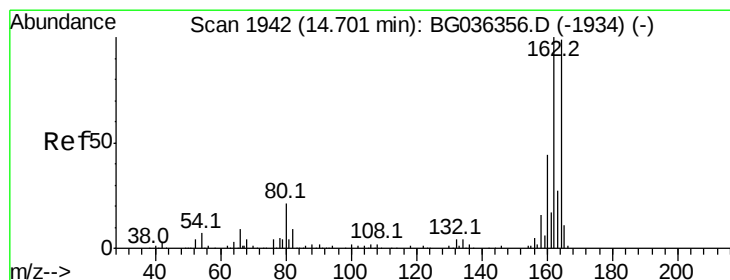
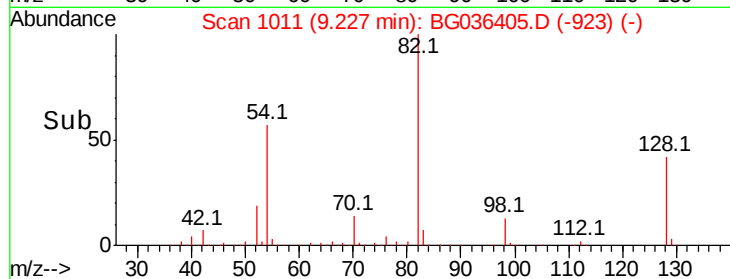
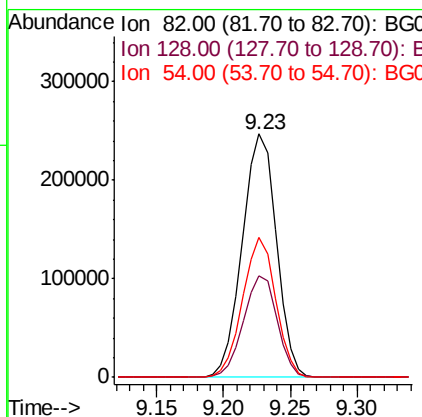
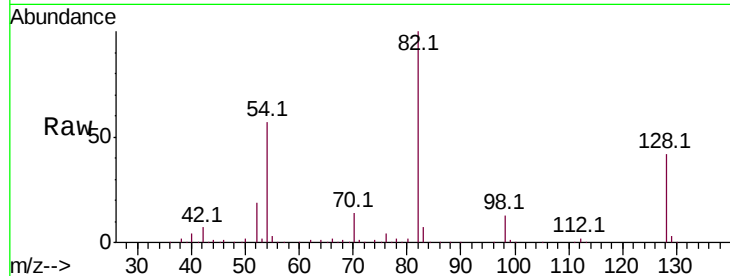




#23
 Nitrobenzene-d5
 Concen: 106.616 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036405.D
 Acq: 24 Aug 2018 9:13

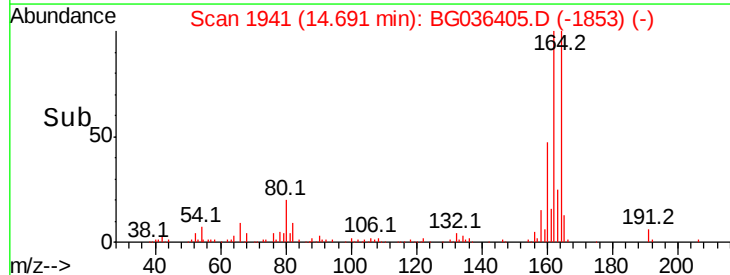
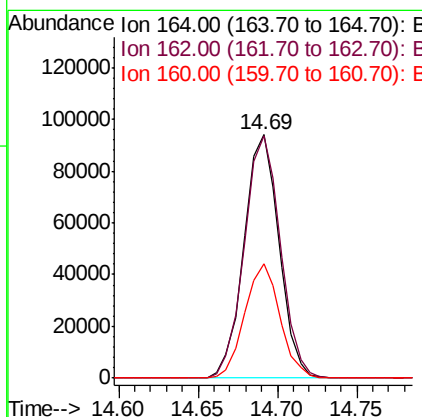
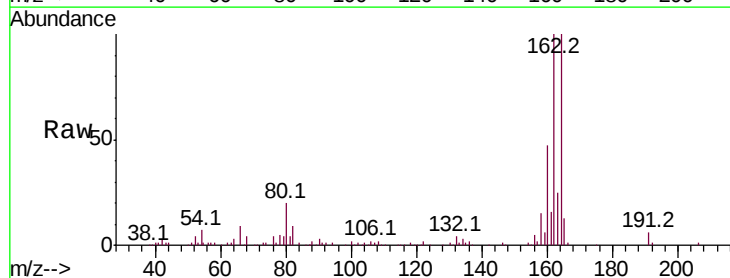
Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-S

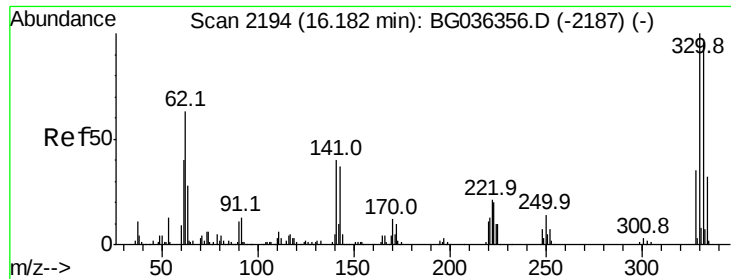
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	57.4	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BG036405.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.7	121.1
160	47.0	35.3	52.9

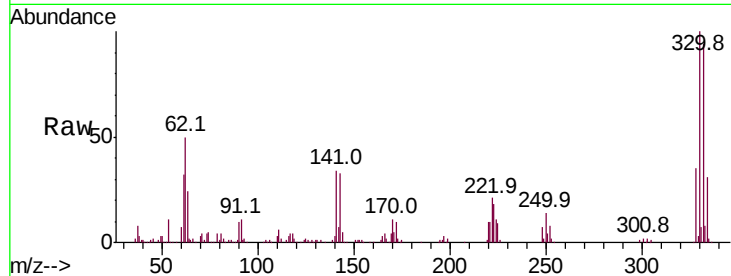




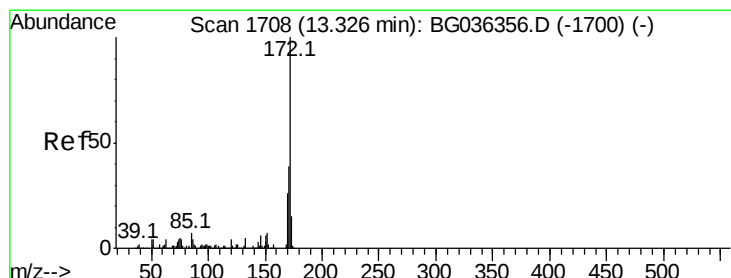
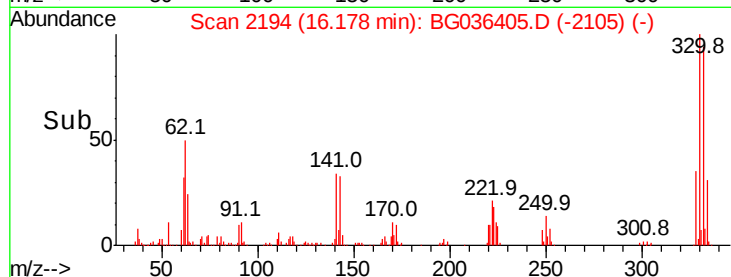
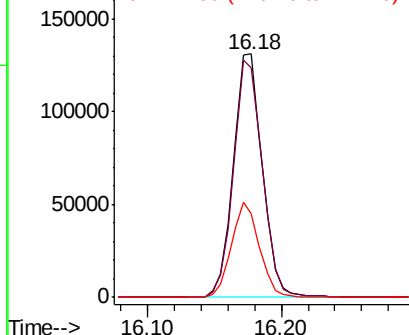
#41
 2,4,6-Tribromophenol
 Concen: 114.719 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036405.D
 Acq: 24 Aug 2018 9:13

Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	75.4	113.2
141	37.9	30.7	46.1

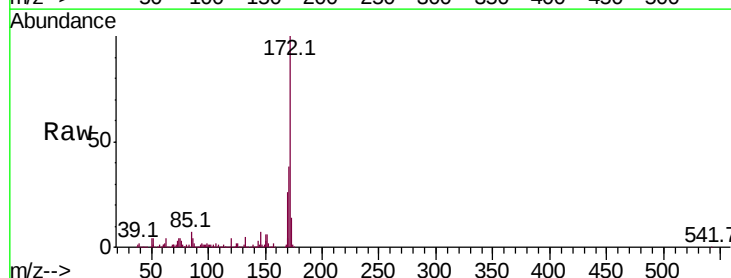


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

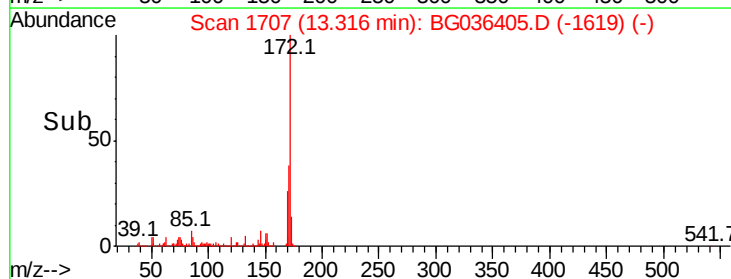
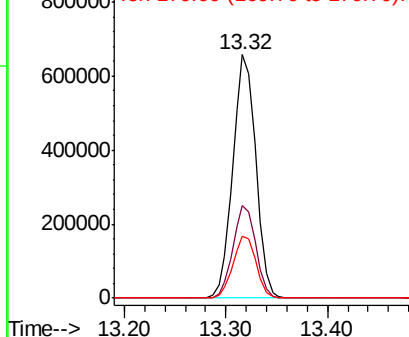


#44
 2-Fluorobiphenyl
 Concen: 101.586 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036405.D
 Acq: 24 Aug 2018 9:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	25.6	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

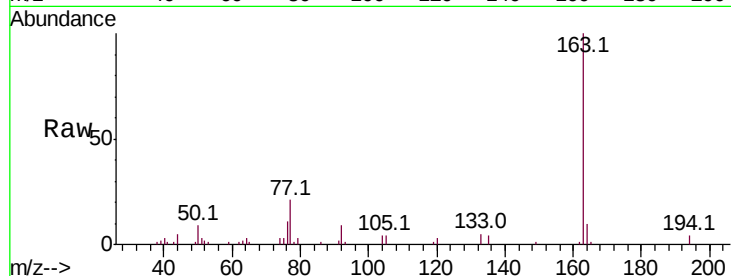




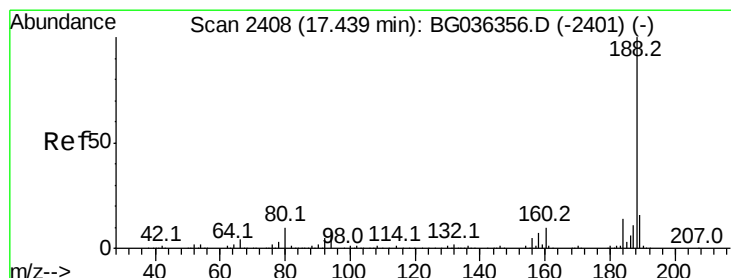
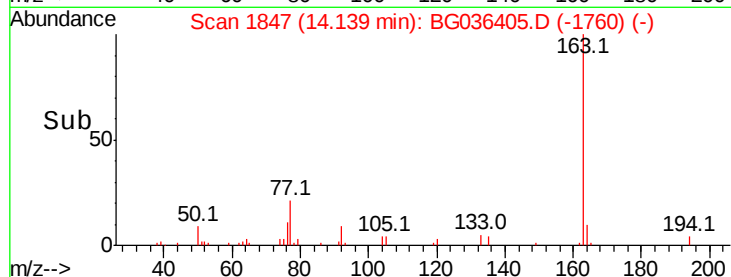
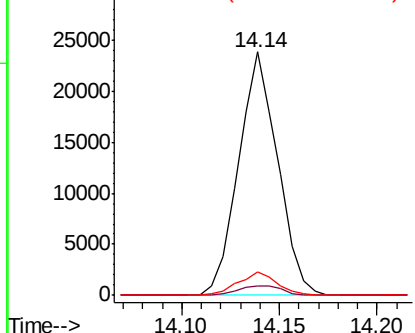
#49
Dimethylphthalate
Concen: 2.787 ng
RT: 14.14 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BG036405.D
Acq: 24 Aug 2018 9:13

Instrument :
BNA_G
ClientSampleId :
081718-SIDI-E-D-S

Tot Ion:163 Resp: 32956
Ion Ratio Lower Upper
163 100
194 4.0 4.0 6.0#
164 9.7 8.1 12.1

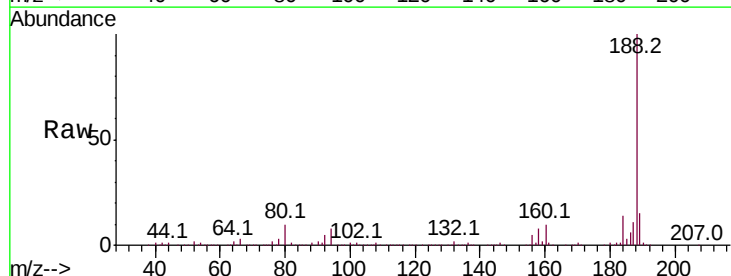


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

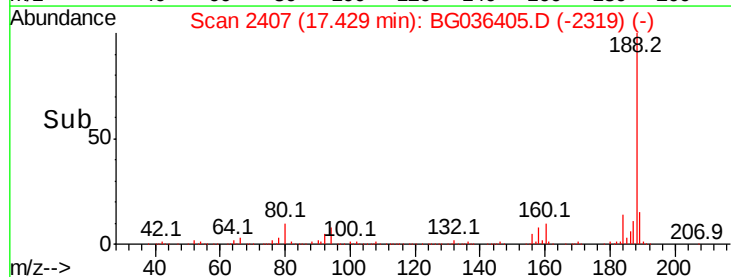
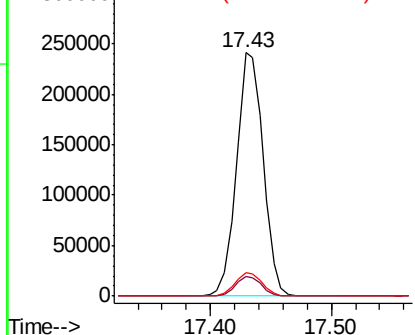


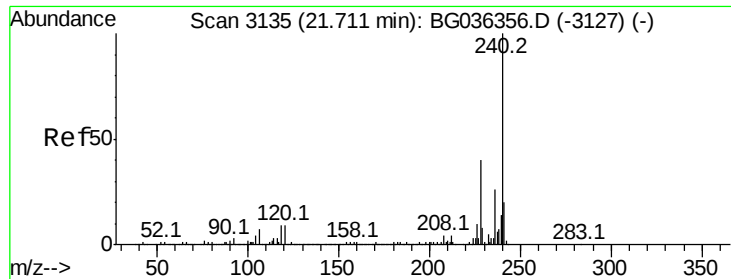
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036405.D
Acq: 24 Aug 2018 9:13

Tgt Ion:188 Resp: 371332
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 9.8 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: 21.70 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG036405.D

Acq: 24 Aug 2018 9:13

Instrument :

BNA_G

ClientSampleId :

081718-SIDI-E-D-S

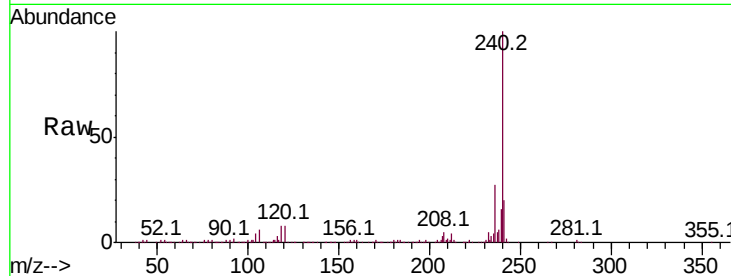
Tot Ion:240 Resp: 417530

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

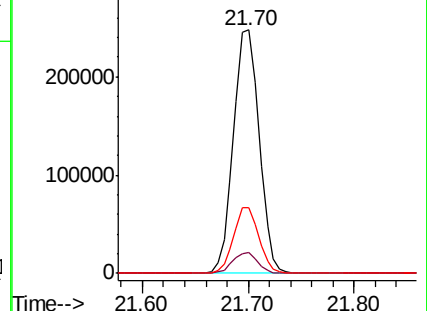
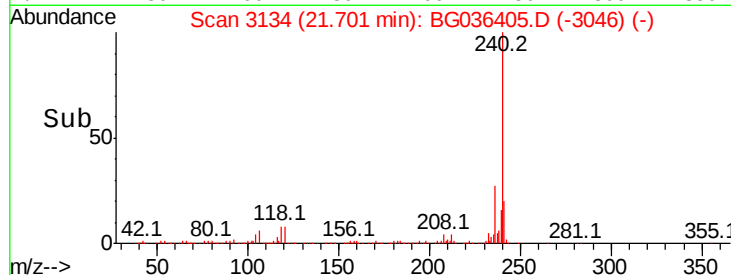
236 27.2 21.2 31.8



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: 89.664 ng

RT: 20.04 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BG036405.D

Acq: 24 Aug 2018 9:13

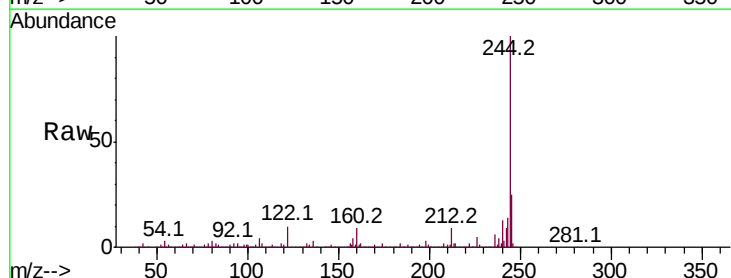
Tgt Ion:244 Resp: 1601703

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

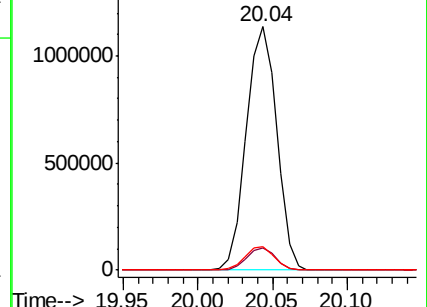
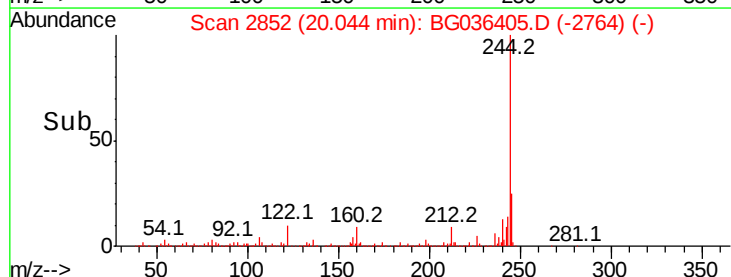
122 9.7 7.1 10.7

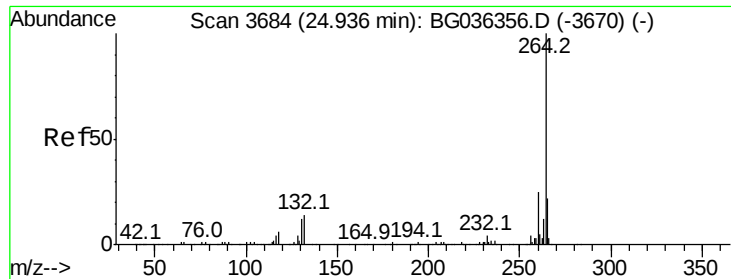


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036405.D
 Acq: 24 Aug 2018 9:13

Instrument :
 BNA_G
 ClientSampleId :
 081718-SIDI-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	22.4	17.4	26.0

