

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
 Data File : BG036527.D
 Acq On : 4 Sep 2018 11:59
 Operator : JU/SJ
 Sample : J4692-02RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 14:02:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

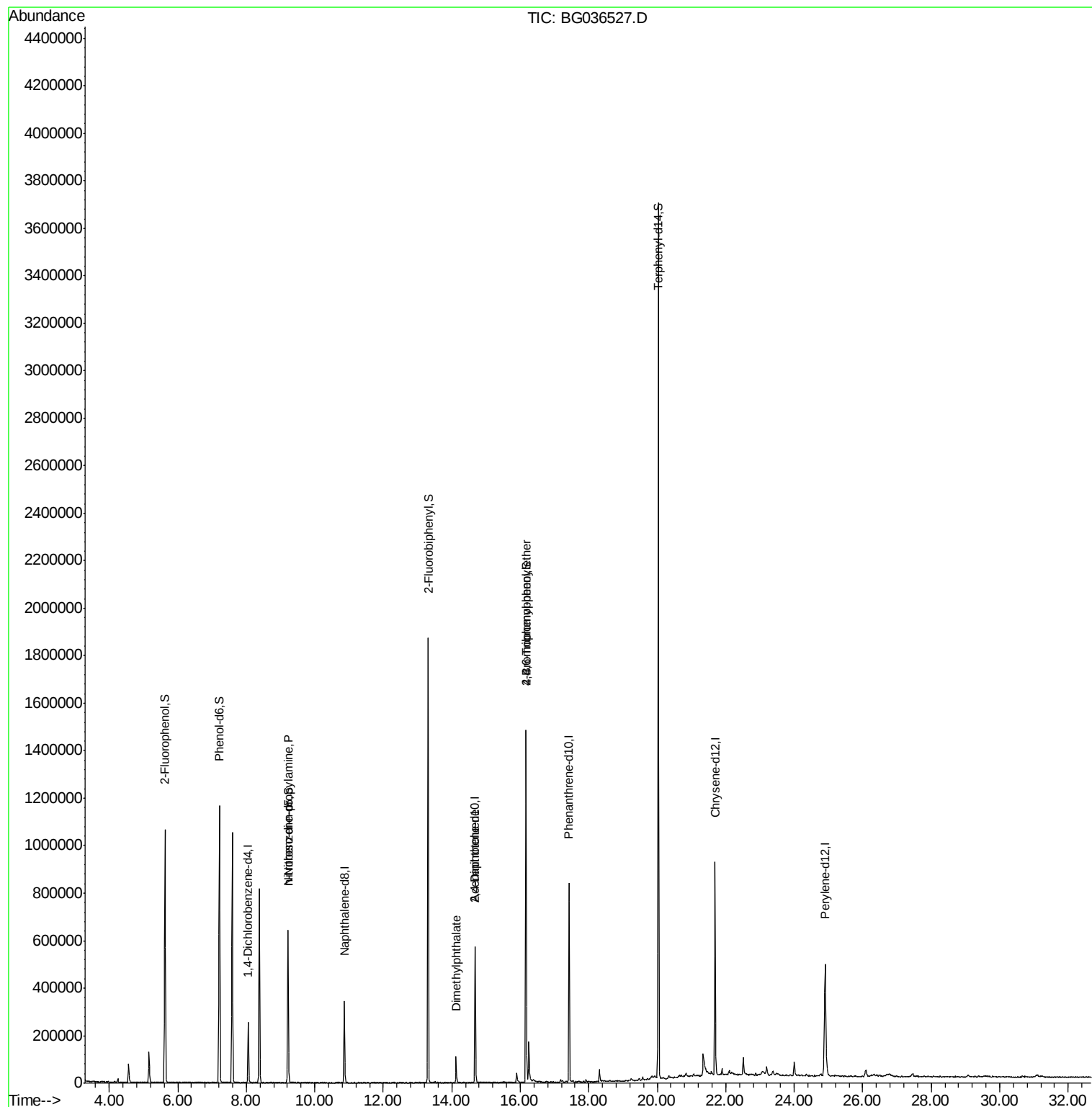
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	71895	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	300167	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	204421	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	521484	20.00	ng	0.00
75) Chrysene-d12	21.69	240	536001	20.00	ng	0.00
86) Perylene-d12	24.90	264	544369	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	448467	98.95	ng	0.00
7) Phenol-d6	7.21	99	662286	102.06	ng	0.00
23) Nitrobenzene-d5	9.22	82	390774	70.63	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	268291	109.99	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1001584	69.96	ng	0.00
78) Terphenyl-d14	20.03	244	1672315	72.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	51960	10.714	ng	# 68
49) Dimethylphthalate	14.13	163	72890	4.367	ng	# 99
56) 2,4-Dinitrotoluene	14.68	165	25895	5.785	ng	# 20
66) 4-Bromophenyl-phenylether	16.17	248	18901	3.096	ng	# 1

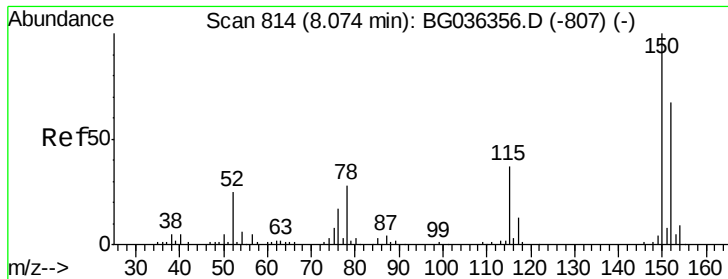
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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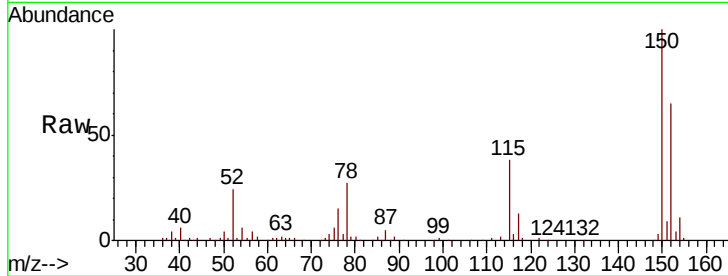


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	57.9	44.5	66.7

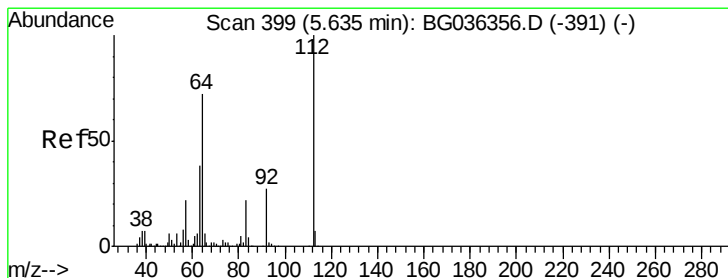
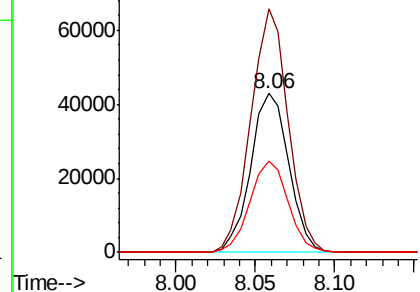
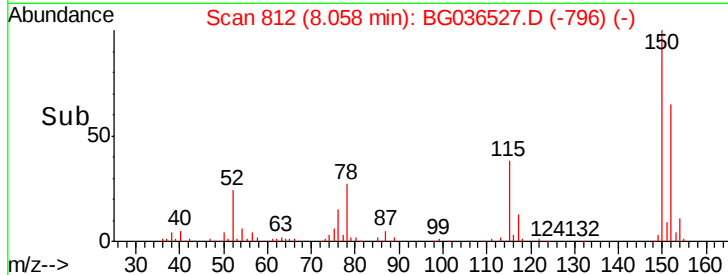


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

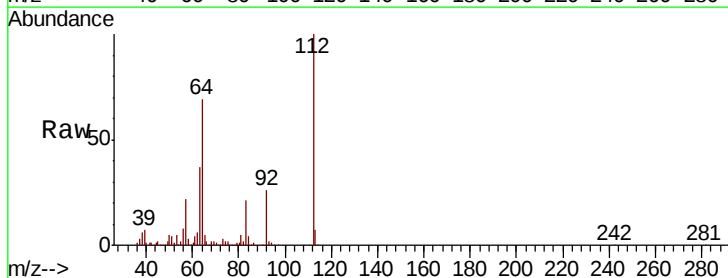
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.950 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	57.2	85.8
63	37.0	30.8	46.2

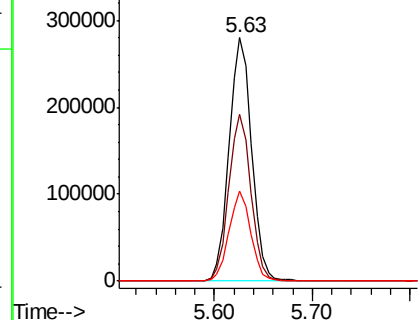
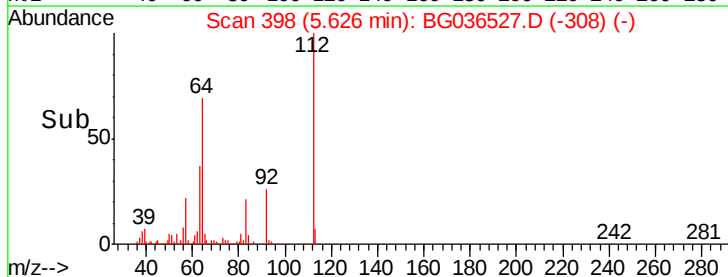


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 102.062 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Instrument :

BNA_G

ClientSampled :

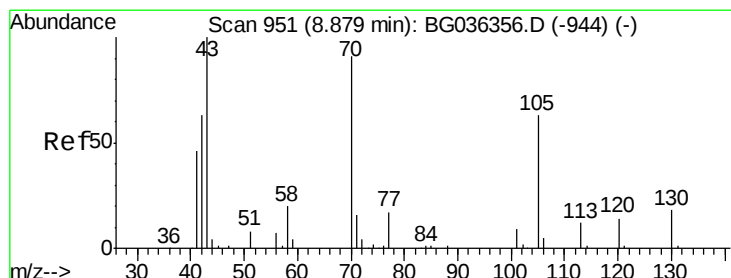
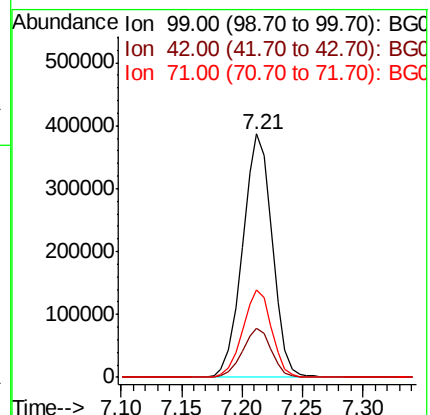
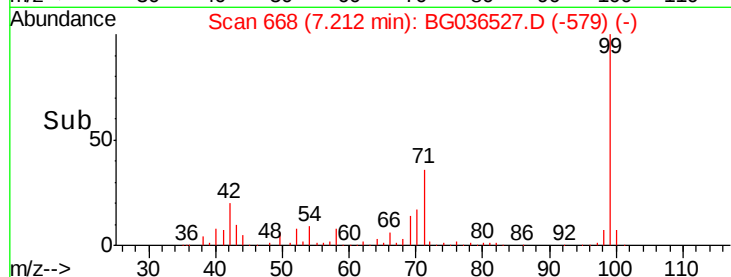
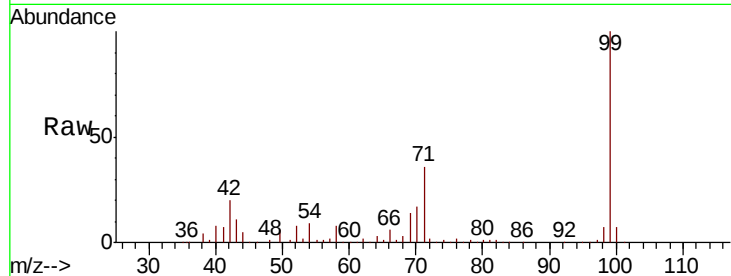
Tot Ion: 99 Resp: 662286

Ion Ratio Lower Upper

99 100

42 20.1 16.5 24.7

71 35.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 10.714 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.36 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Tgt Ion: 70 Resp: 51960

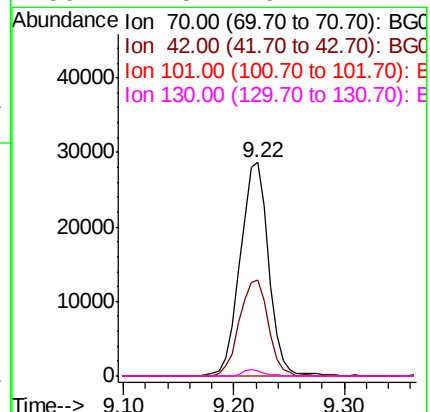
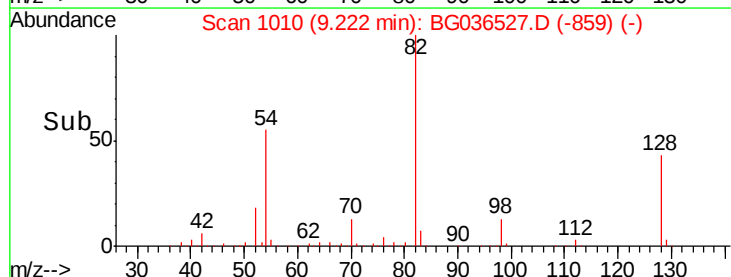
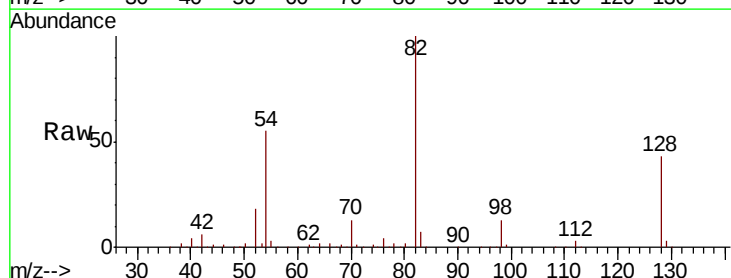
Ion Ratio Lower Upper

70 100

42 45.0 56.2 84.4#

101 0.0 7.8 11.6#

130 2.3 16.2 24.2#

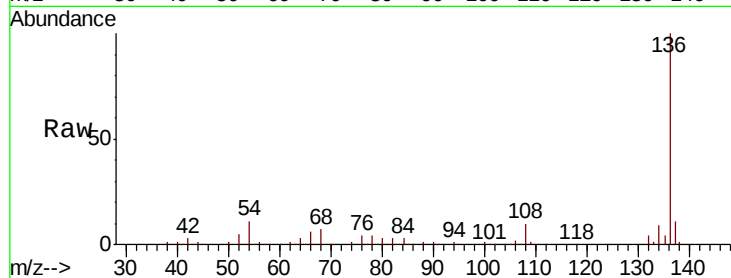




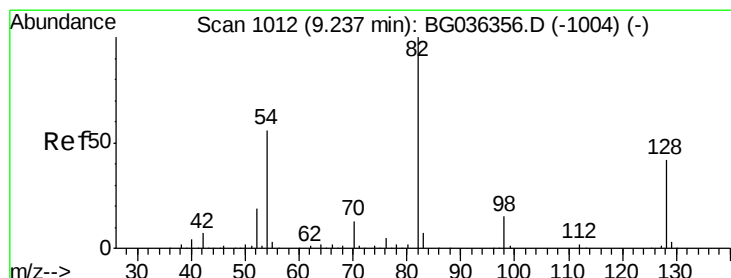
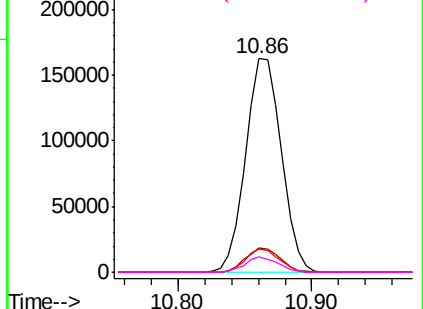
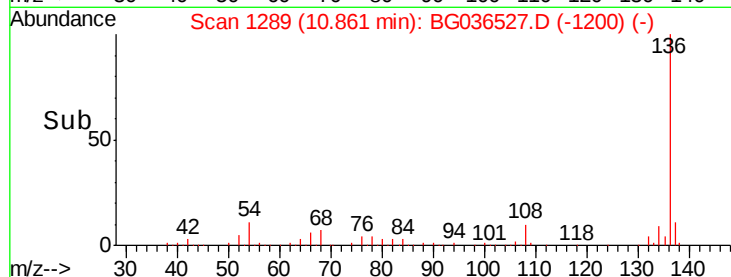
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	300167
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.8 13.2
54	10.7	9.2 13.8
68	6.9	5.8 8.6

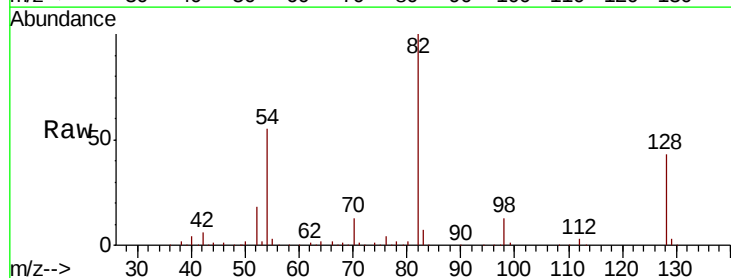


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

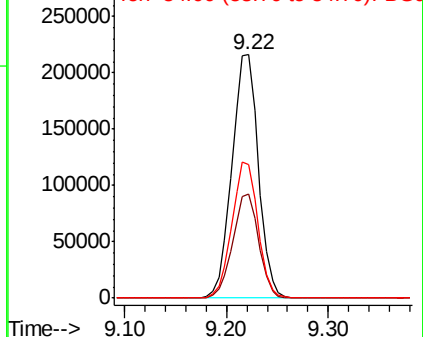
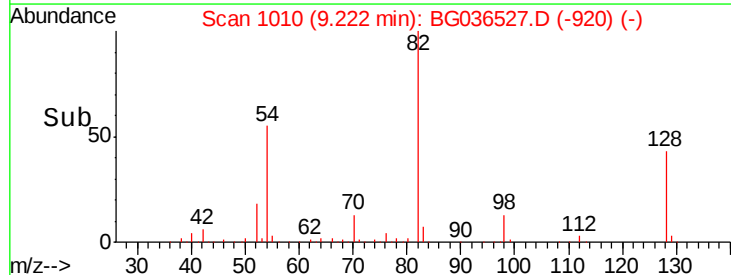


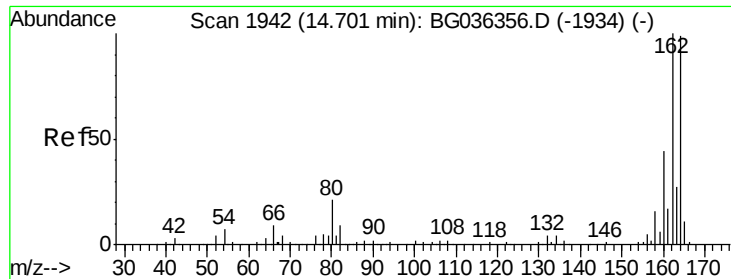
#23
Nitrobenzene-d5
Concen: 70.634 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion: 82	Resp:	390774
Ion	Ratio	Lower Upper
82	100	
128	42.9	33.3 49.9
54	54.9	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Instrument :

BNA_G

ClientSampleId :

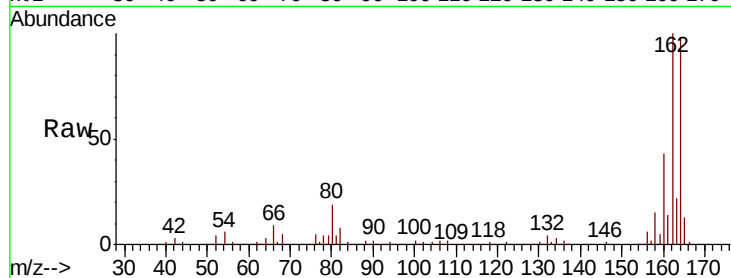
Tot Ion:164 Resp: 204421

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

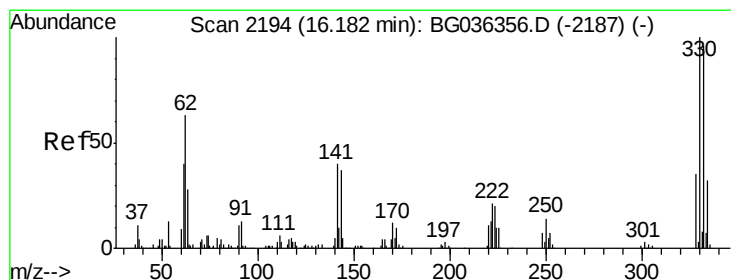
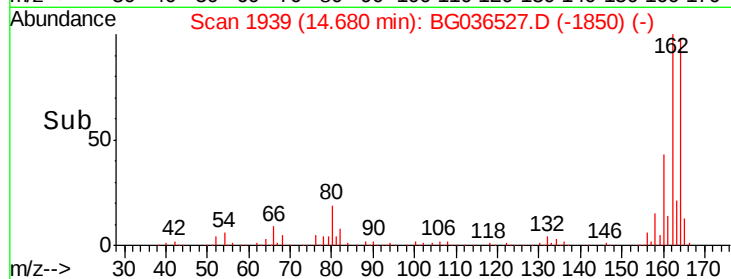
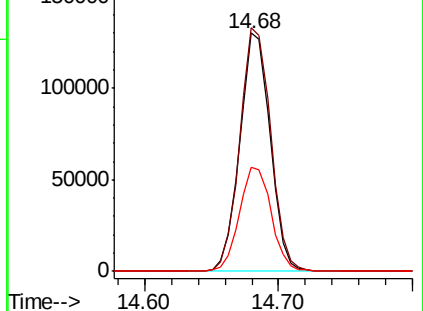
160 43.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.991 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

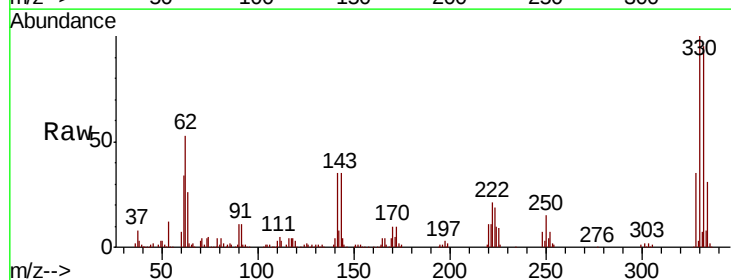
Tgt Ion:330 Resp: 268291

Ion Ratio Lower Upper

330 100

332 95.8 75.4 113.2

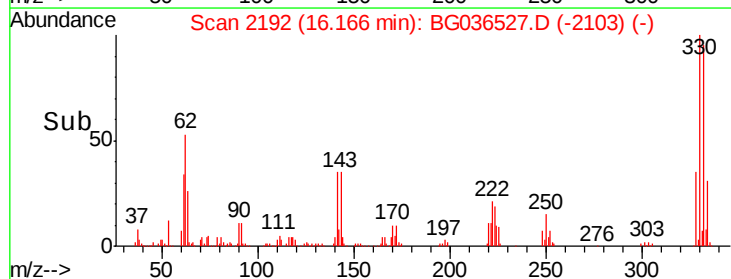
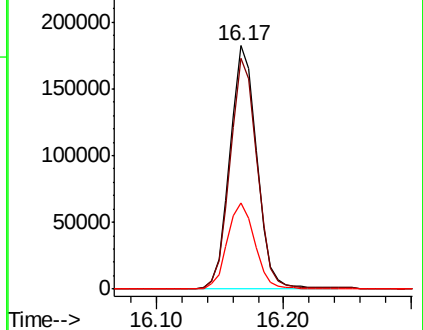
141 36.5 30.7 46.1

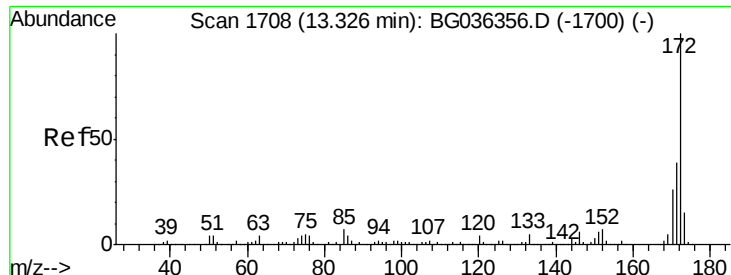


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

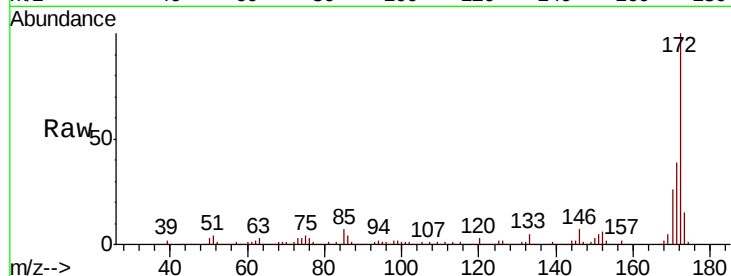




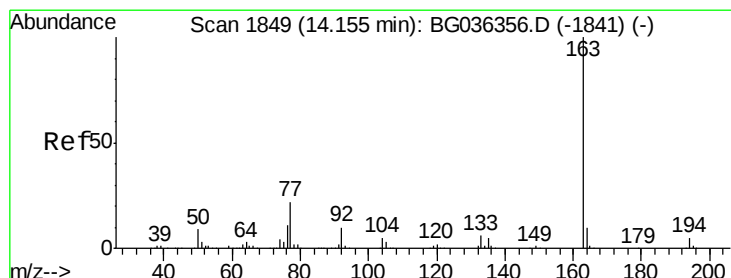
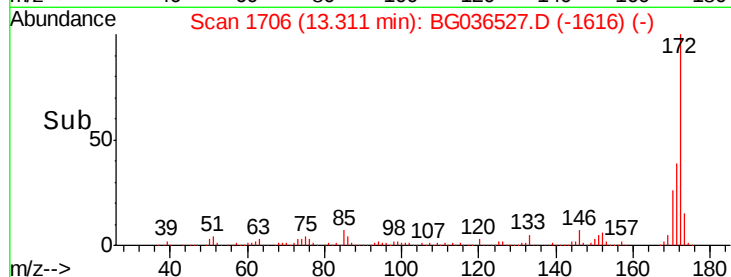
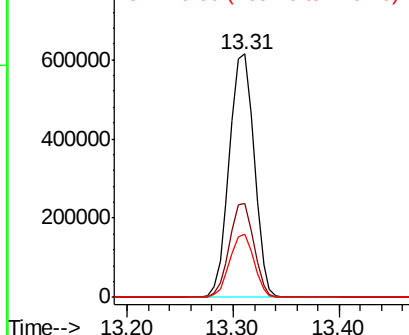
#44
2-Fluorobiphenyl
Concen: 69.958 ng
RT: 13.31 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1001584
Ion Ratio Lower Upper
172 100
171 38.6 31.3 46.9
170 26.1 21.0 31.6

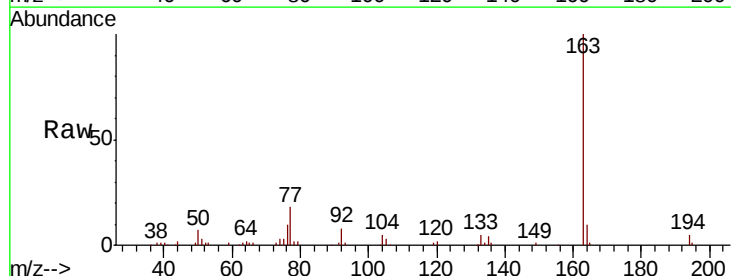


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

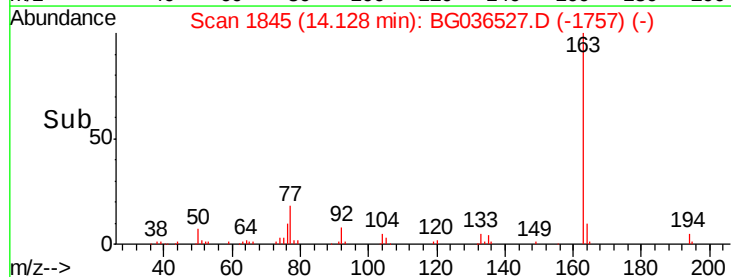
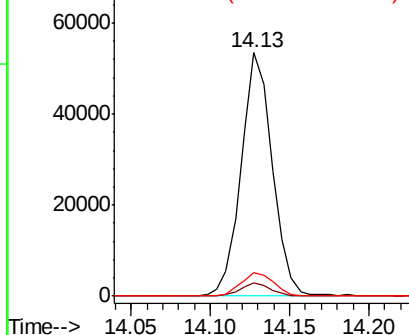


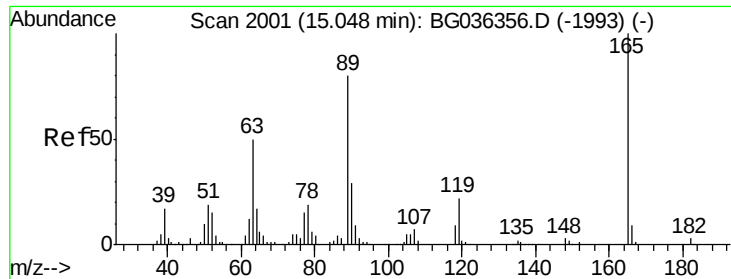
#49
Dimethylphthalate
Concen: 4.367 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion:163 Resp: 72890
Ion Ratio Lower Upper
163 100
194 5.4 4.0 6.0
164 9.6 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

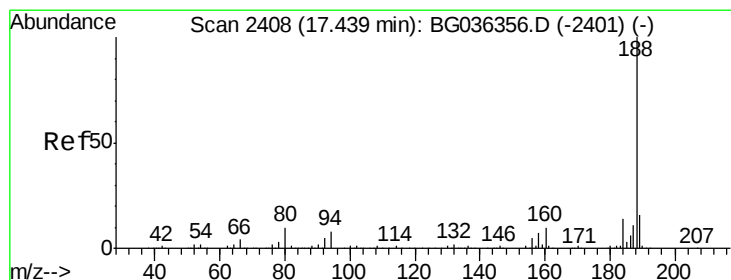
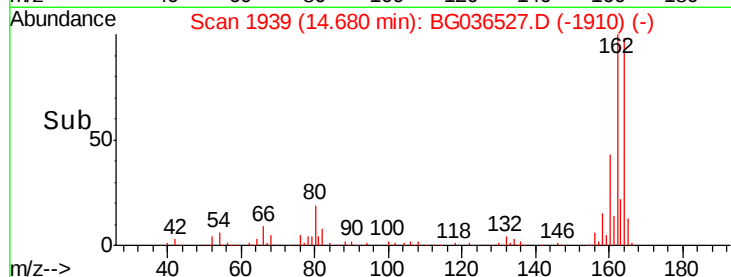
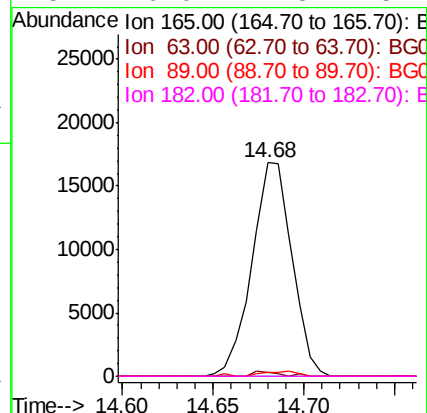
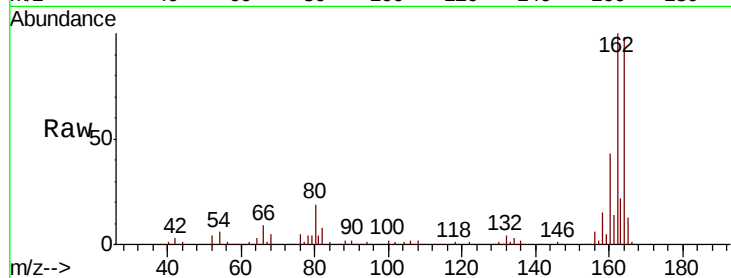




#56
 2,4-Dinitrotoluene
 Concen: 5.785 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036527.D
 Acq: 4 Sep 2018 11:59

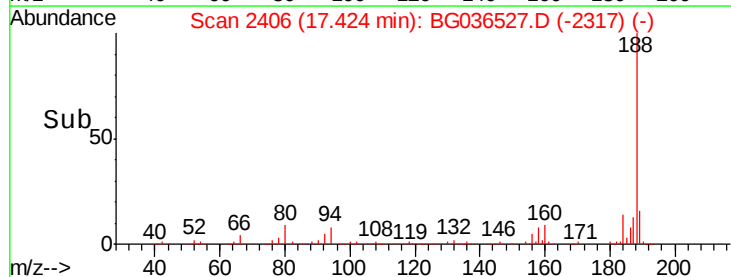
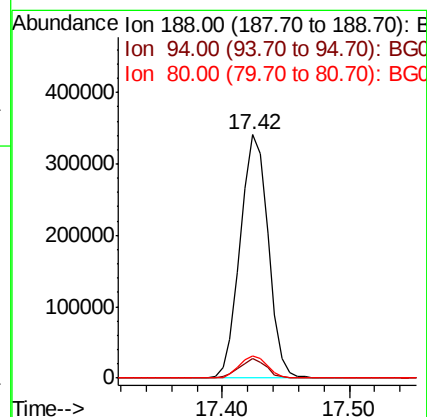
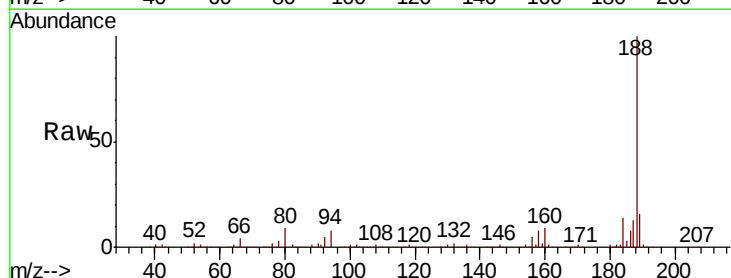
Instrument :
 BNA_G
 ClientSampled :

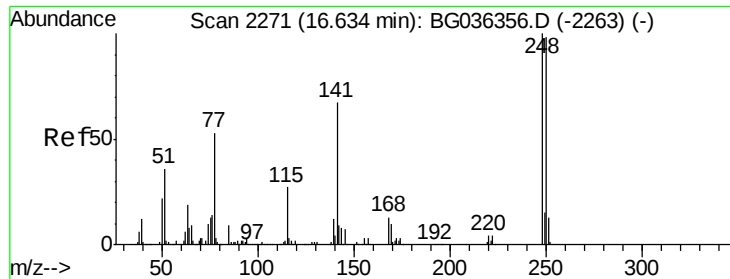
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036527.D
 Acq: 4 Sep 2018 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.2	8.1	12.1

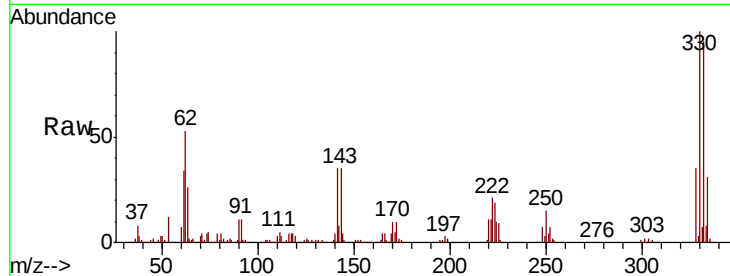




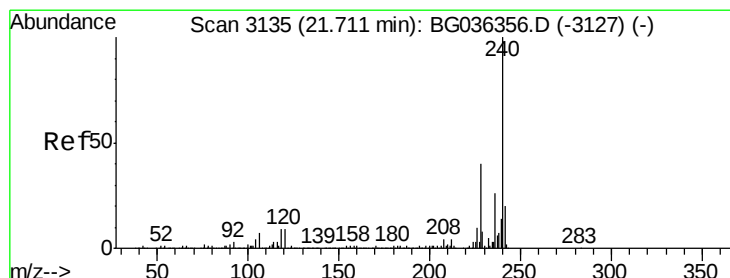
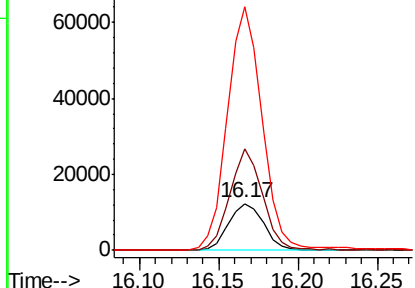
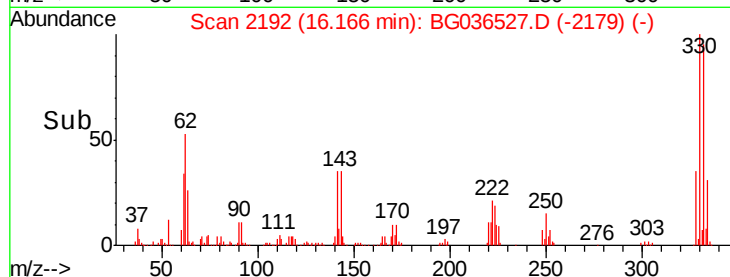
#66
4-Bromophenyl-phenylether
Concen: 3.096 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.45 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 18901
Ion Ratio Lower Upper
248 100
250 215.8 78.1 117.1#
141 516.6 53.7 80.5#

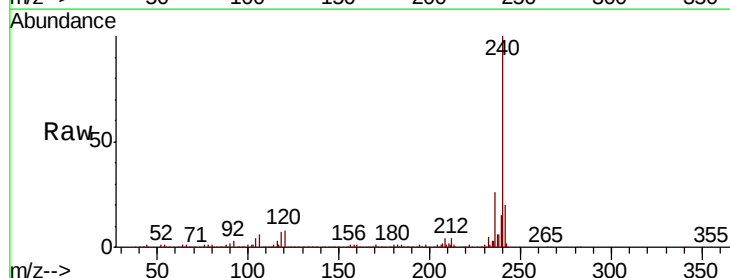


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

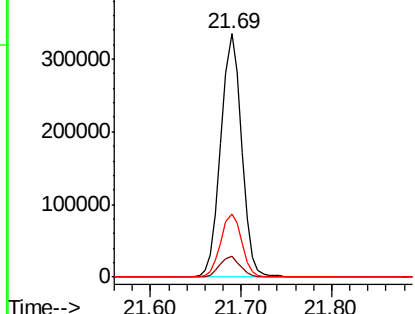
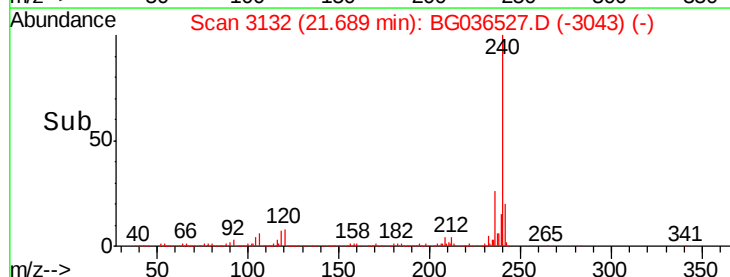


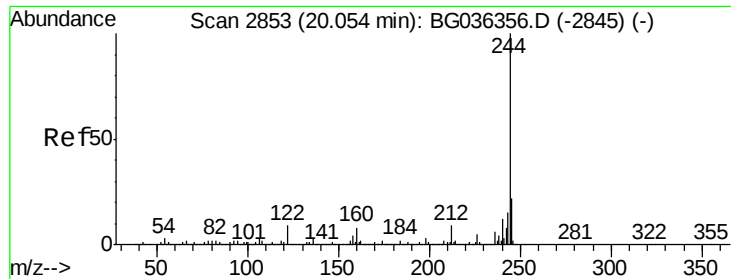
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036527.D
Acq: 4 Sep 2018 11:59

Tgt Ion:240 Resp: 536001
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 25.7 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: 72.925 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

Instrument :

BNA_G

ClientSampleId :

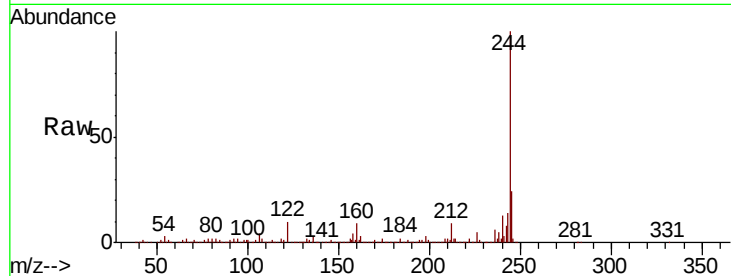
Tot Ion:244 Resp: 1672315

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

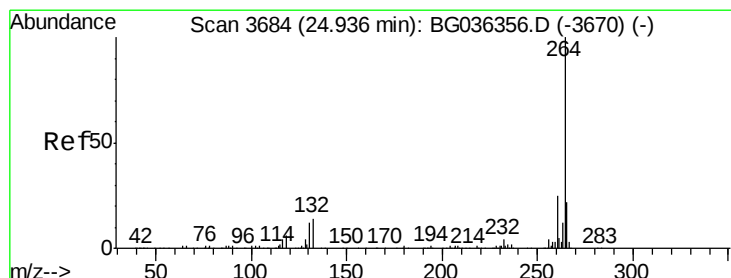
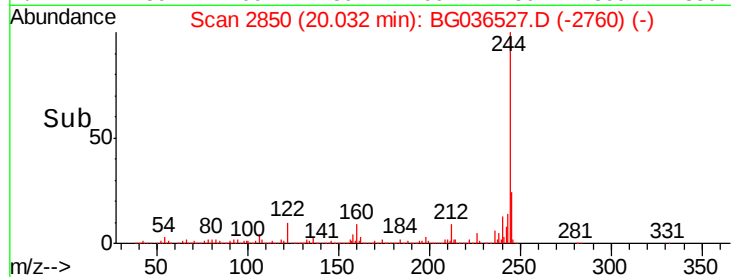
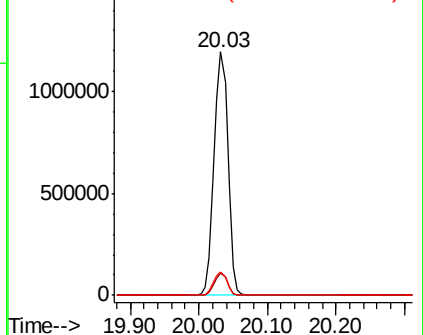
122 9.8 7.1 10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BG036527.D

Acq: 4 Sep 2018 11:59

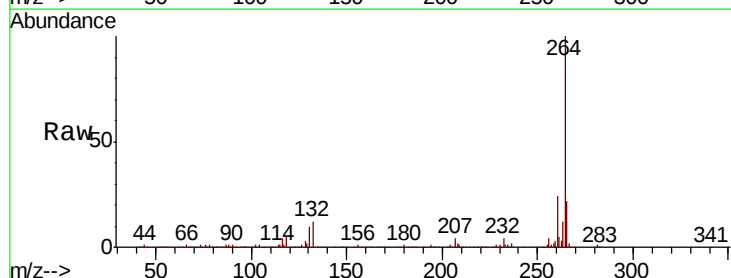
Tgt Ion:264 Resp: 544369

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 22.0 17.4 26.0



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

