

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036741.D
 Acq On : 15 Sep 2018 14:58
 Operator : JU/SJ
 Sample : J4906-12
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-7

Quant Time: Sep 17 04:25:55 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

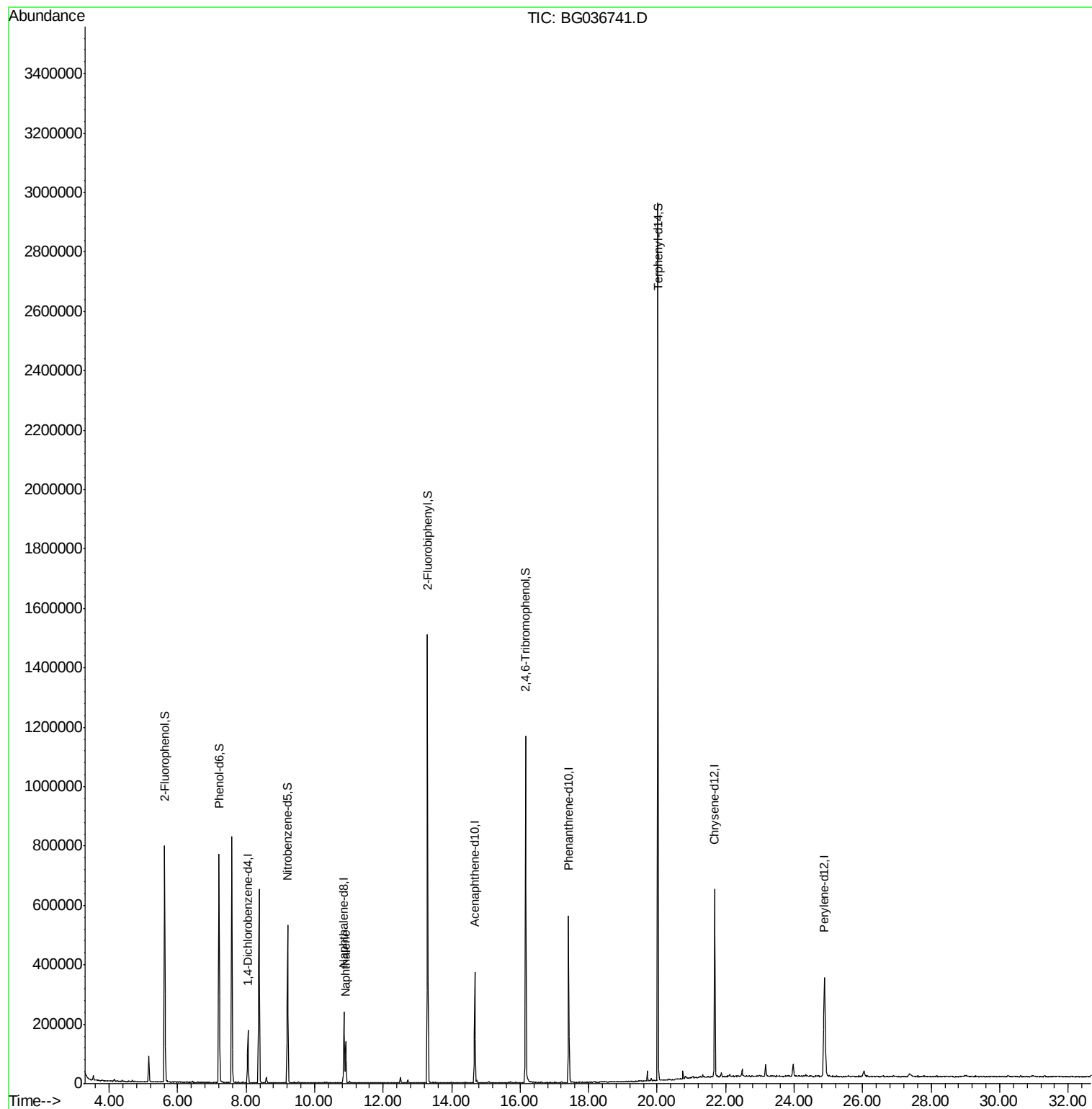
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	48493	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	199100	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	136811	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	363622	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	382049	20.00	ng	-0.01
86) Perylene-d12	24.88	264	378470	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	339315	111.00	ng	0.00
7) Phenol-d6	7.20	99	446895	102.10	ng	-0.01
23) Nitrobenzene-d5	9.21	82	326160	88.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	219360	134.37	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	768113	80.16	ng	-0.01
78) Terphenyl-d14	20.02	244	1344342	82.25	ng	0.00
Target Compounds						
31) Naphthalene	10.90	128	116394	11.695	ng	Qvalue 99

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

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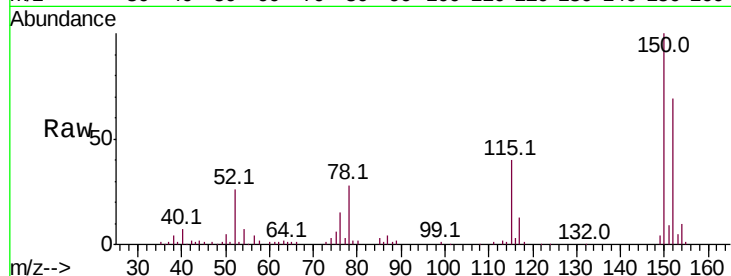


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.2	119.5	179.3
115	57.6	44.5	66.7

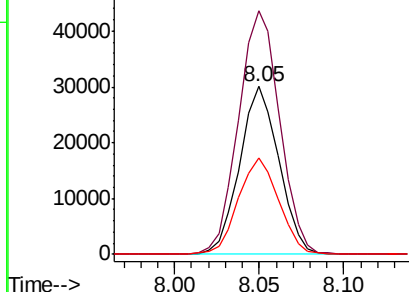
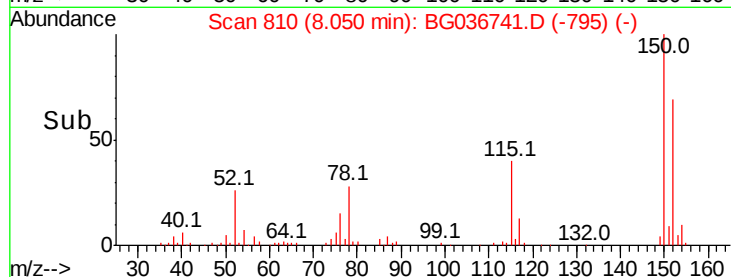


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

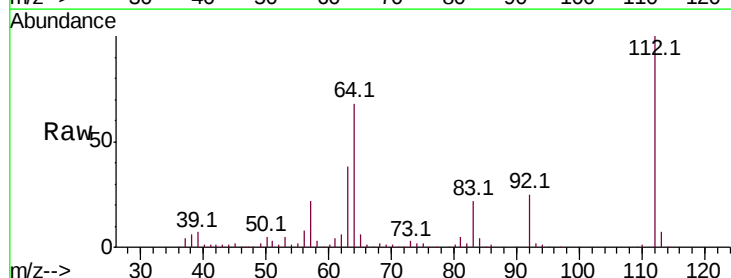
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 110.996 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.7	57.2	85.8
63	37.6	30.8	46.2

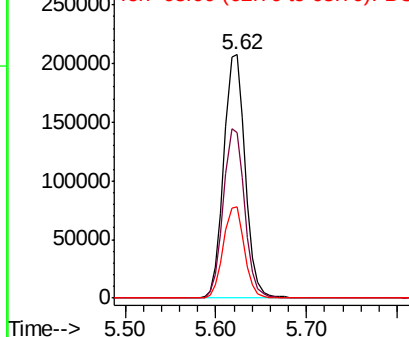
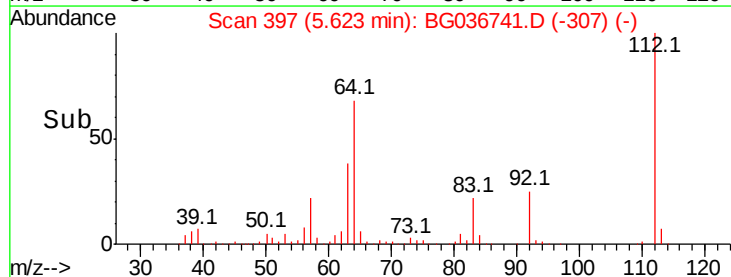


Abundance

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: 102.104 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

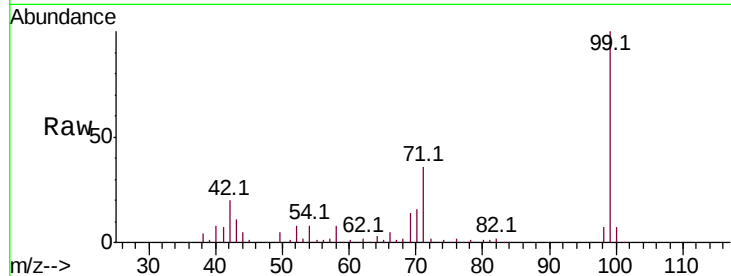
Tot Ion: 99 Resp: 446895

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

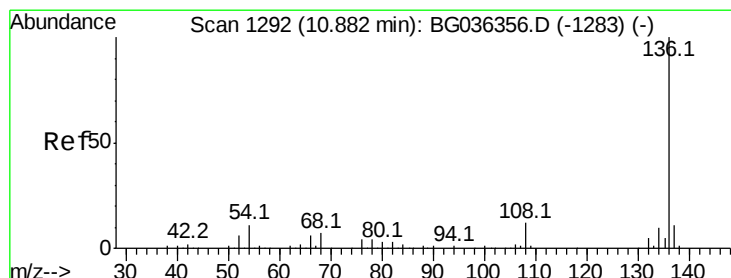
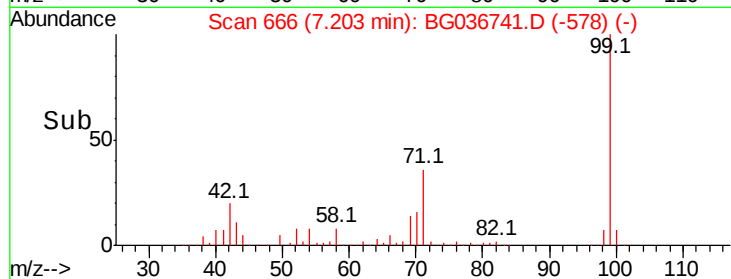
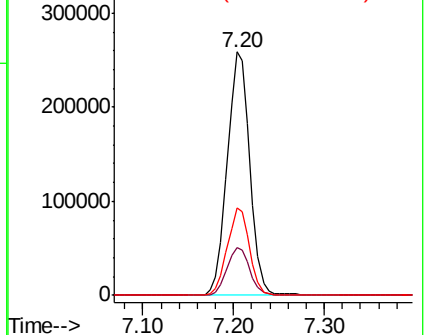
71 35.9 29.4 44.2



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: 10.85 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Tgt Ion: 136 Resp: 199100

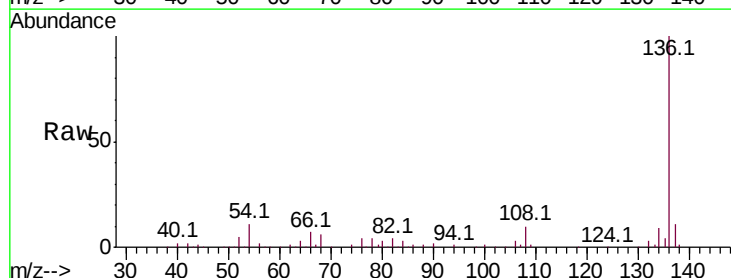
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 10.8 9.2 13.8

68 5.9 5.8 8.6

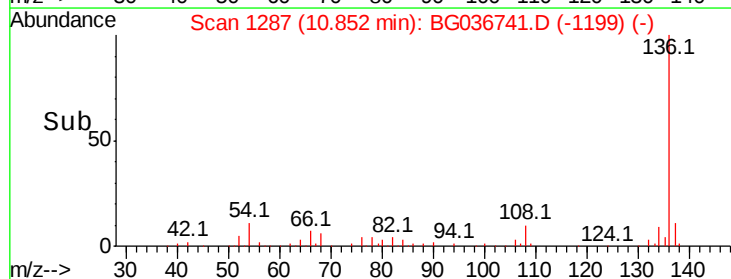
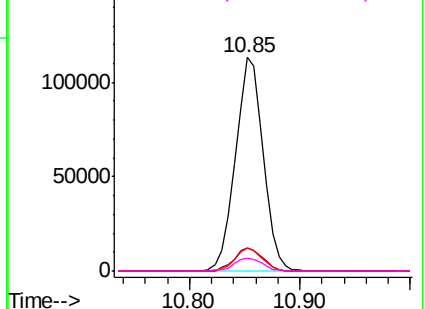


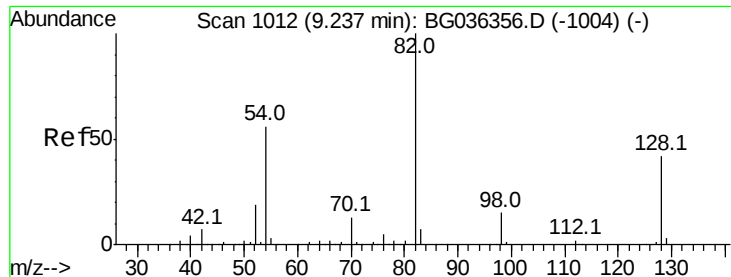
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

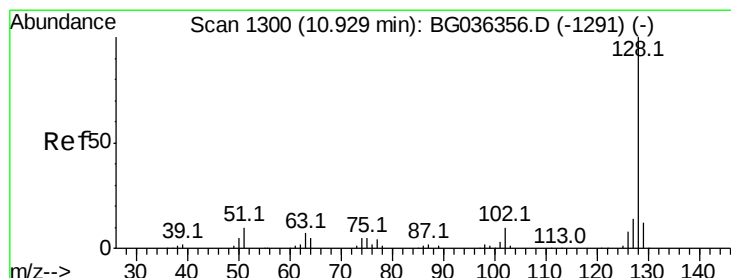
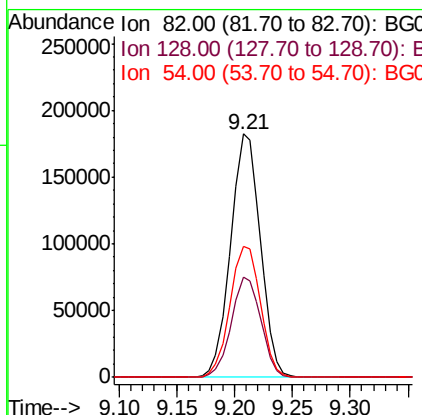
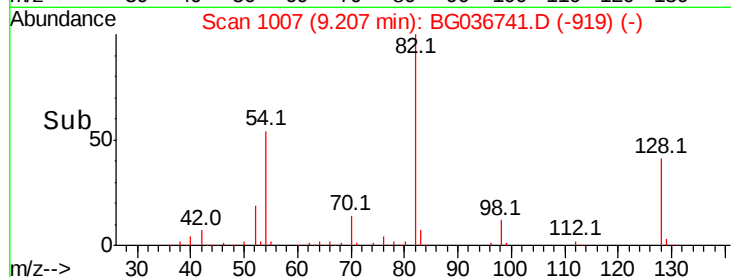
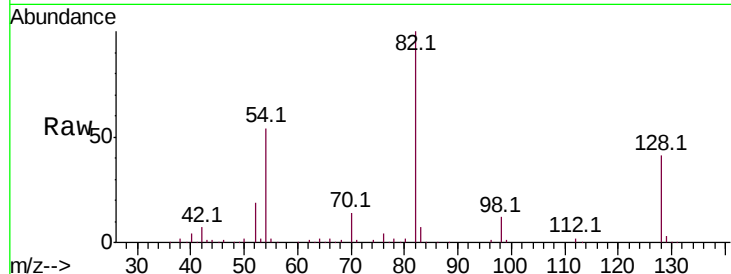




#23
Nitrobenzene-d5
Concen: 88.882 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

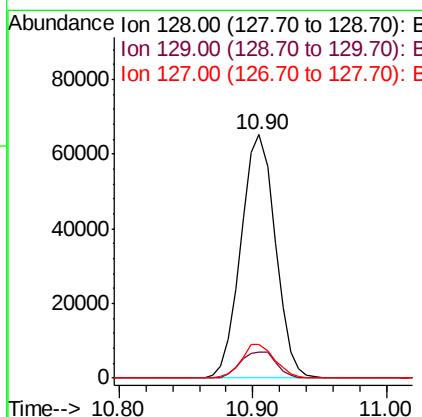
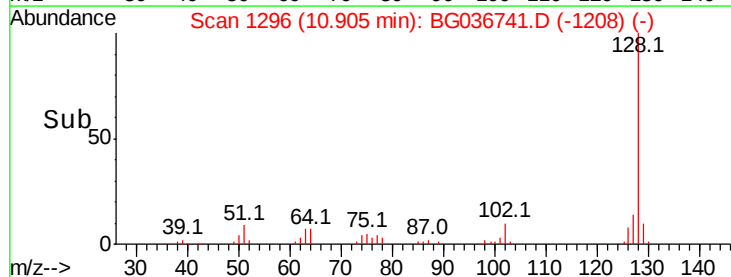
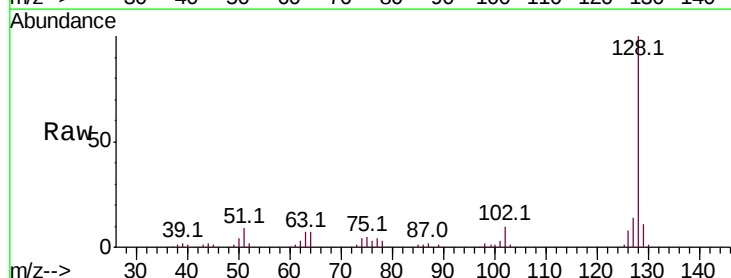
Instrument :
BNA_G
ClientSampled :
SP-PIT-7

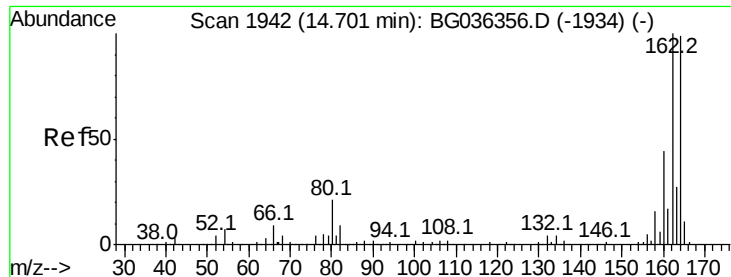
Tot Ion: 82 Resp: 326160
Ion Ratio Lower Upper
82 100
128 40.9 33.3 49.9
54 53.5 45.1 67.7



#31
Naphthalene
Concen: 11.695 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG036741.D
Acq: 15 Sep 2018 14:58

Tgt Ion: 128 Resp: 116394
Ion Ratio Lower Upper
128 100
129 10.6 9.4 14.2
127 13.6 11.0 16.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

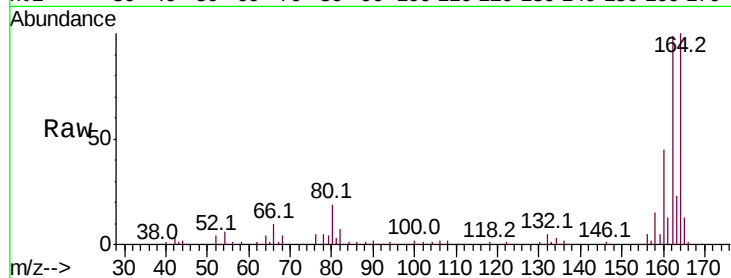
Tot Ion:164 Resp: 136811

Ion Ratio Lower Upper

164 100

162 98.6 80.7 121.1

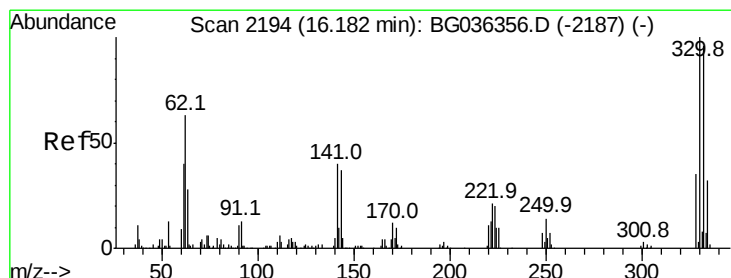
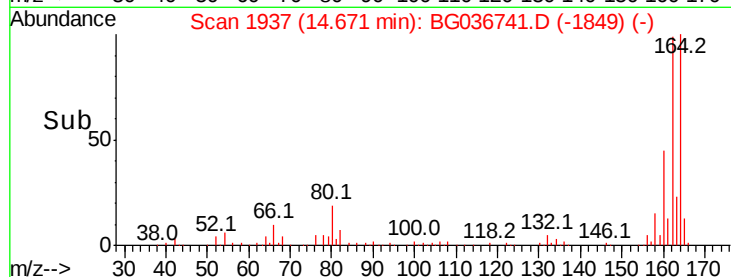
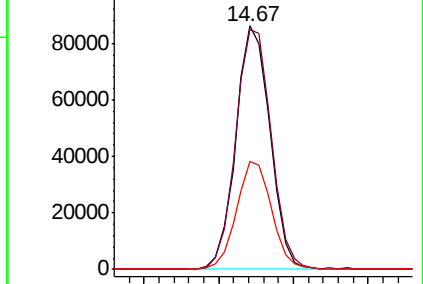
160 44.5 35.3 52.9



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: 134.374 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

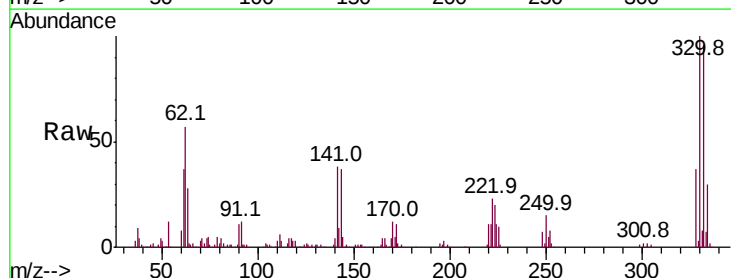
Tgt Ion:330 Resp: 219360

Ion Ratio Lower Upper

330 100

332 96.0 75.4 113.2

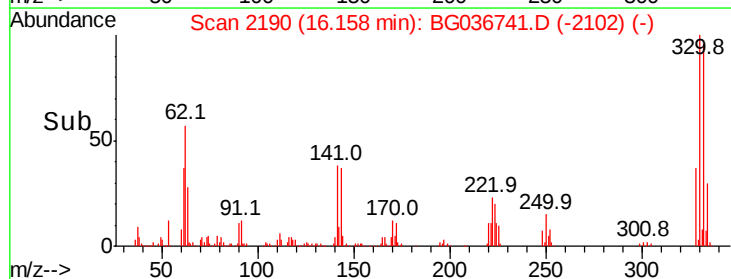
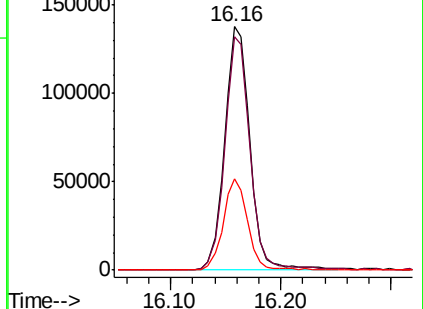
141 36.4 30.7 46.1



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

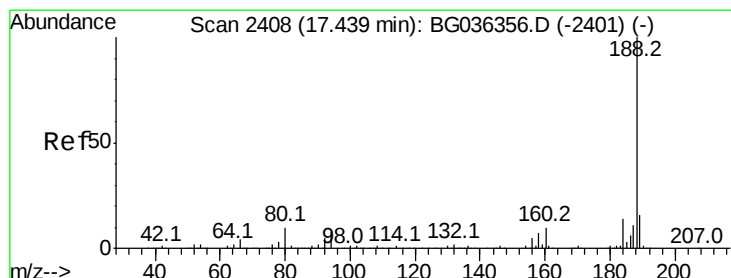
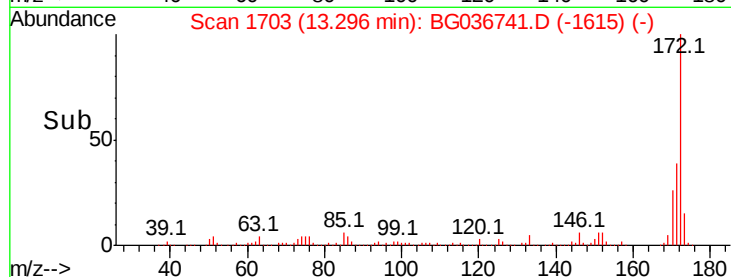
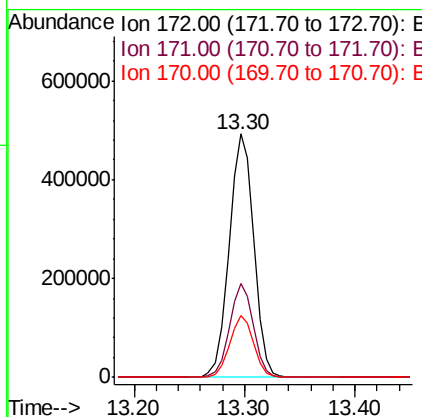
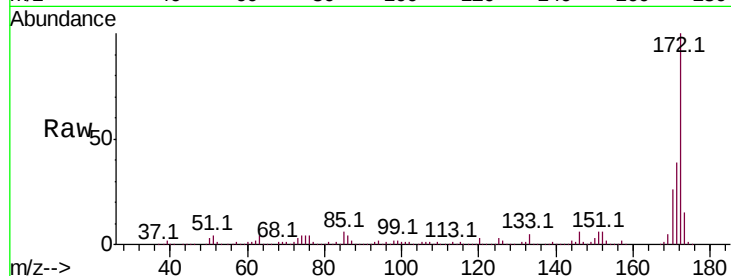




#44
 2-Fluorobiphenyl
 Concen: 80.164 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

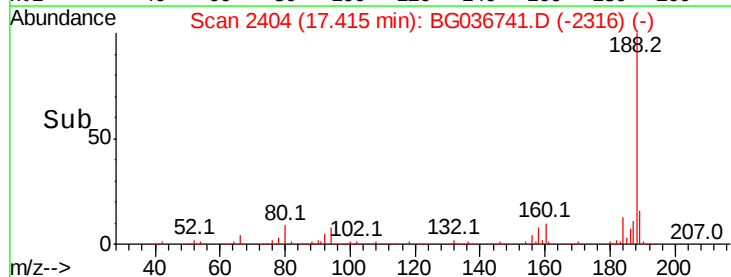
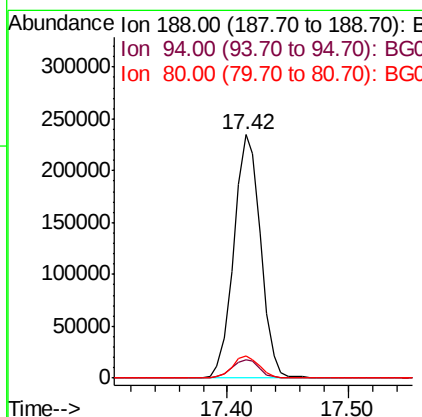
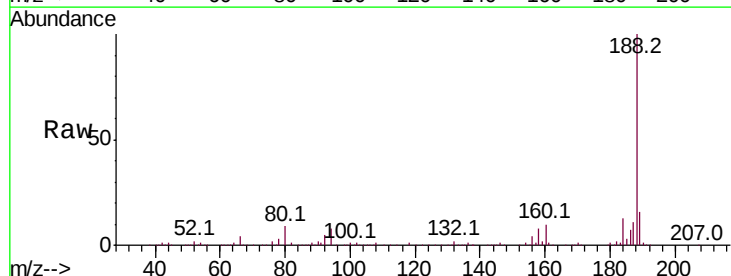
Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-7

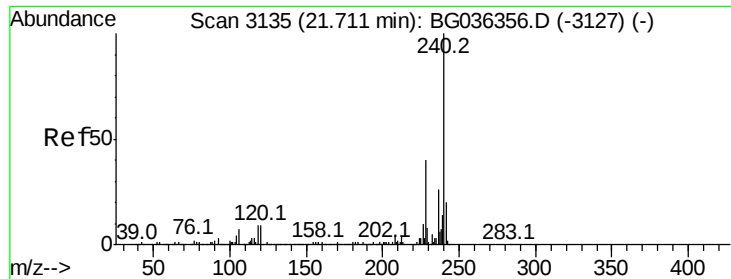
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.3	46.9
170	25.5	21.0	31.6



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	9.0	8.1	12.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

Instrument :

BNA_G

ClientSampleId :

SP-PIT-7

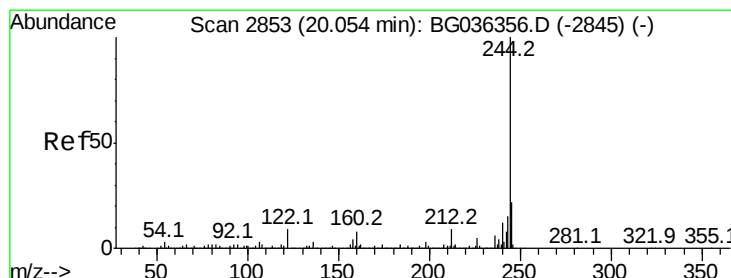
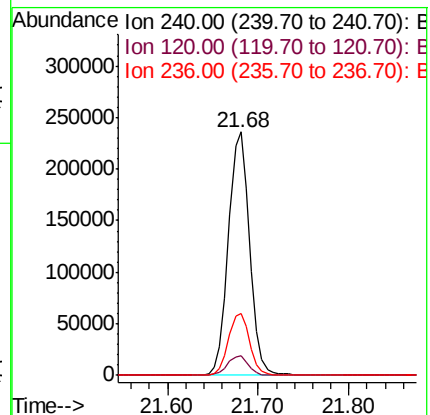
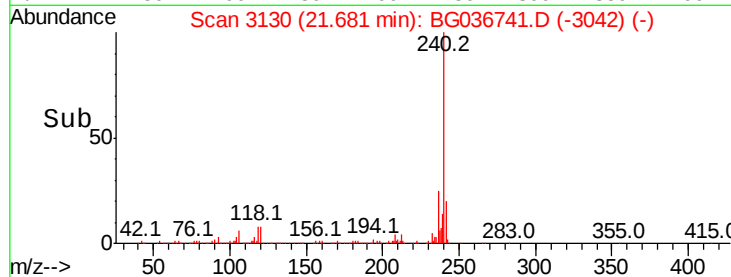
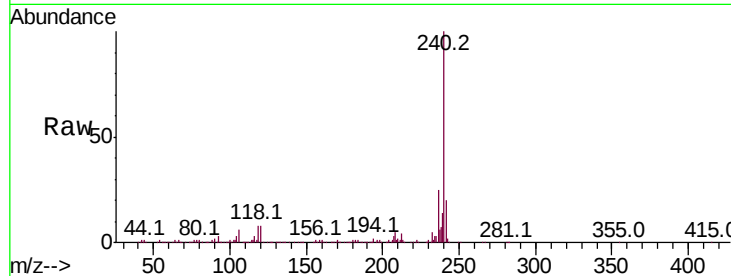
Tot Ion:240 Resp: 382049

Ion Ratio Lower Upper

240 100

120 7.8 6.9 10.3

236 25.4 21.2 31.8



#78

Terphenyl-d14

Concen: 82.246 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036741.D

Acq: 15 Sep 2018 14:58

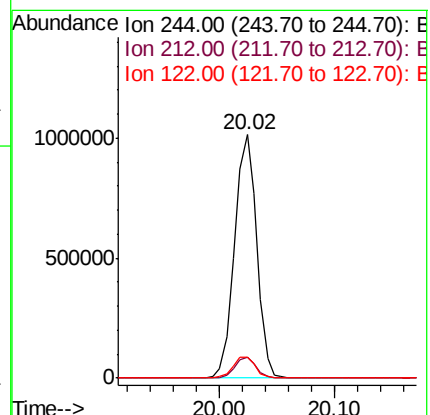
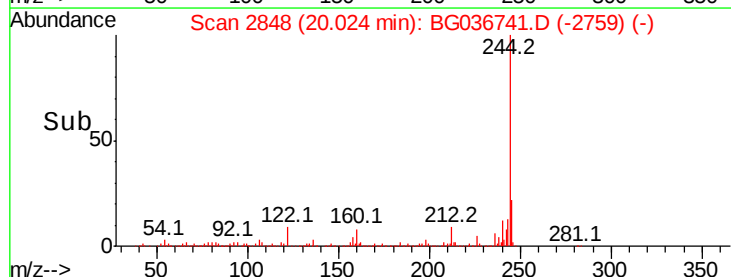
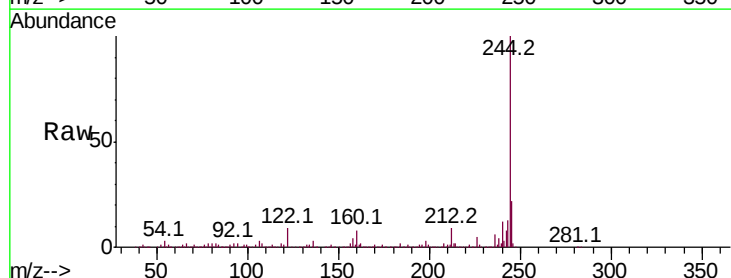
Tgt Ion:244 Resp: 1344342

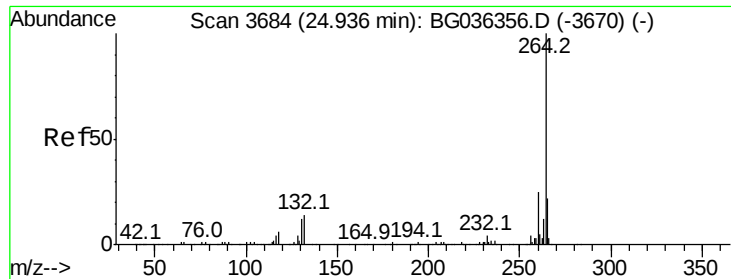
Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

122 8.8 7.1 10.7





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3675
 Delta R.T. -0.02 min
 Lab File: BG036741.D
 Acq: 15 Sep 2018 14:58

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-7

Tot Ion:	264	Resp:	378470
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	21.8	17.4	26.0

