

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036377.D
 Acq On : 23 Aug 2018 13:30
 Operator : JU/SJ
 Sample : J4580-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RN-SOIL

Quant Time: Aug 23 14:12:07 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	47675	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	195045	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	127973	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	334459	20.00	ng	0.00
75) Chrysene-d12	21.70	240	388938	20.00	ng	0.00
86) Perylene-d12	24.93	264	384709	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	409185	136.15	ng	0.00
7) Phenol-d6	7.22	99	514286	119.52	ng	0.00
23) Nitrobenzene-d5	9.23	82	377429	104.99	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	247084	161.81	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	861048	96.07	ng	0.00
78) Terphenyl-d14	20.05	244	1647983	99.04	ng	0.00

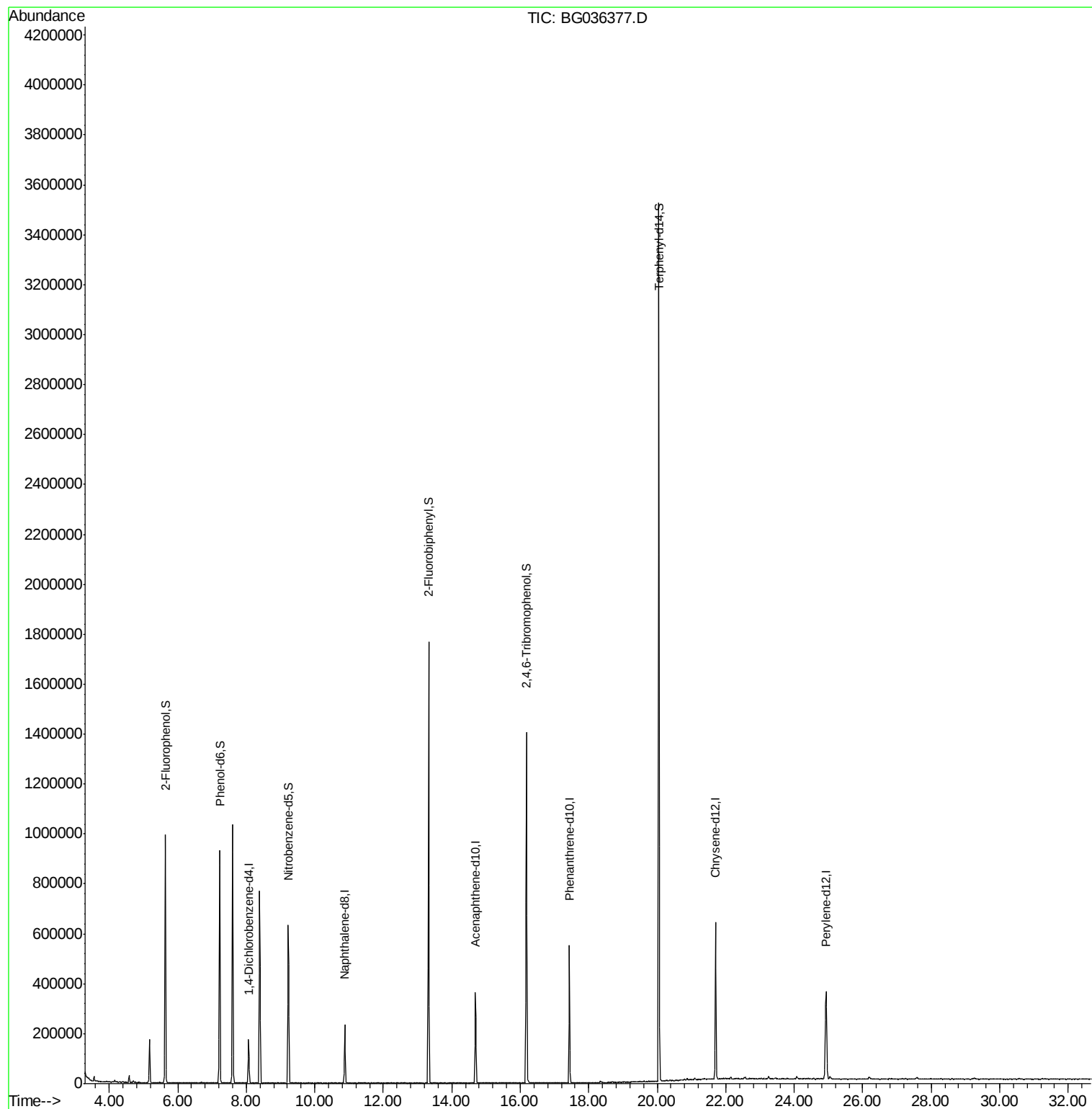
Target Compounds Qvalue

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

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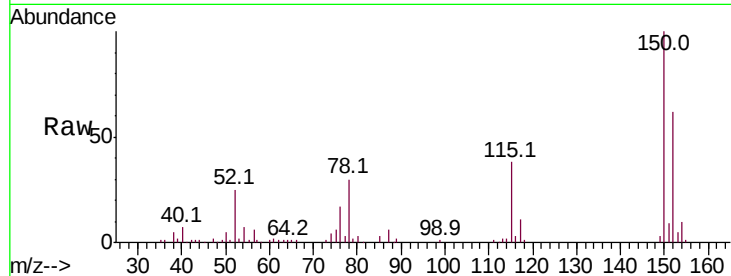


#1

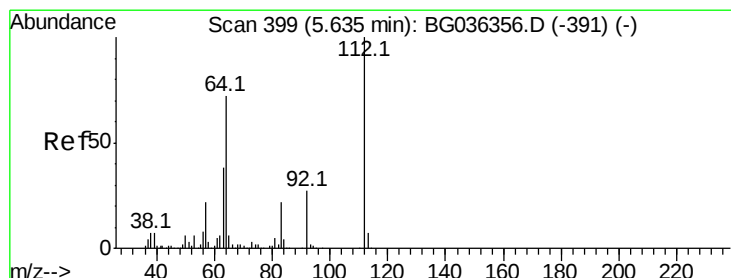
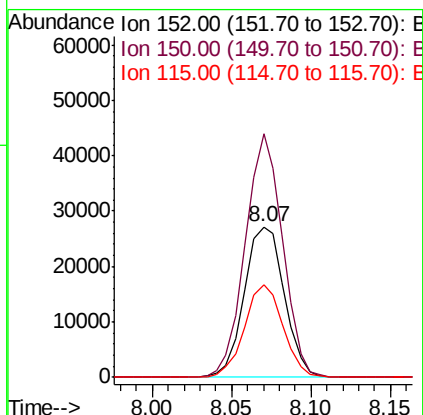
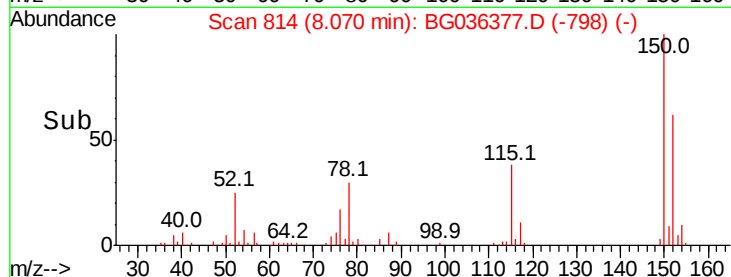
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036377.D
Acq: 23 Aug 2018 13:30

Instrument :
BNA_G
ClientSampleId :
RN-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	119.5	179.3
115	61.8	44.5	66.7



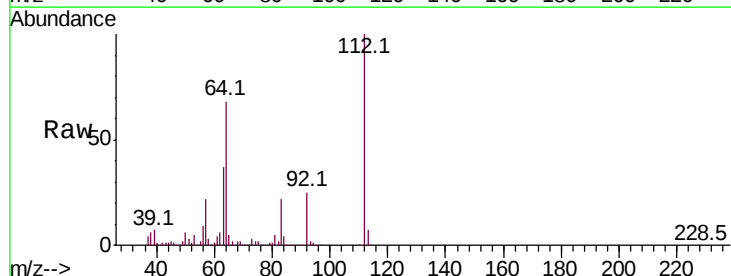
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



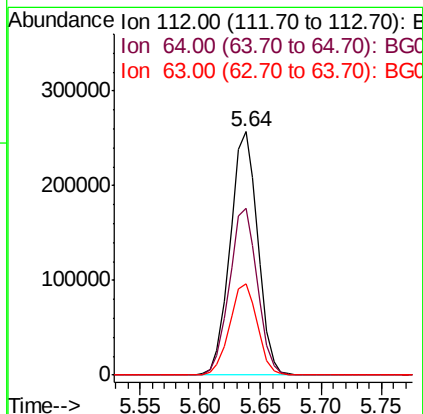
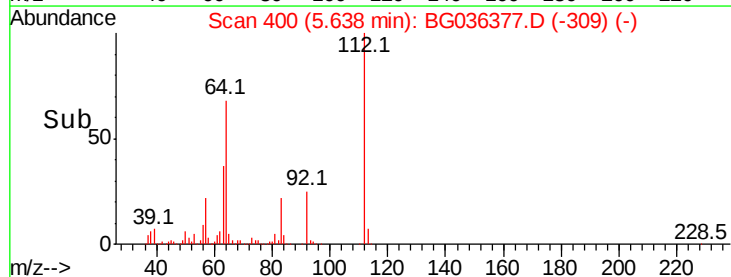
#5

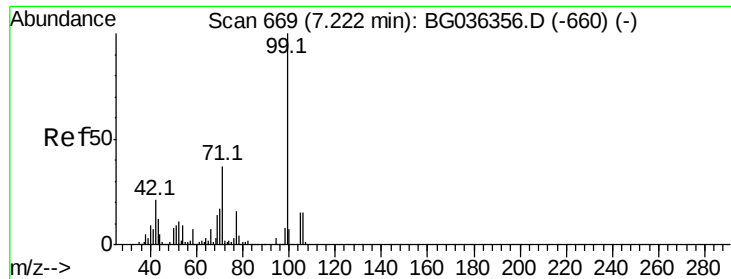
2-Fluorophenol
Concen: 136.149 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG036377.D
Acq: 23 Aug 2018 13:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.2	85.8
63	37.5	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: 119.517 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036377.D

Acq: 23 Aug 2018 13:30

Instrument :

BNA_G

ClientSampleId :

RN-SOIL

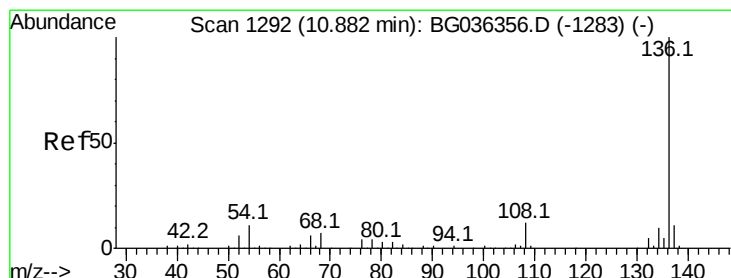
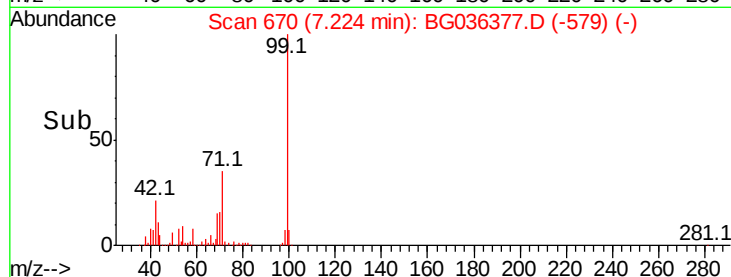
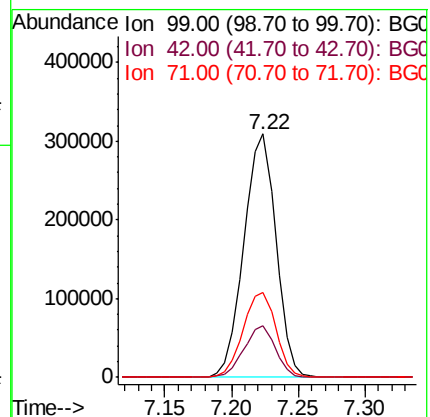
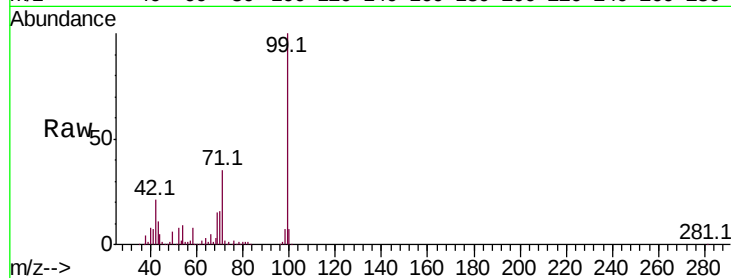
Tot Ion: 99 Resp: 514286

Ion Ratio Lower Upper

99 100

42 21.0 16.5 24.7

71 34.8 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG036377.D

Acq: 23 Aug 2018 13:30

Tgt Ion: 136 Resp: 195045

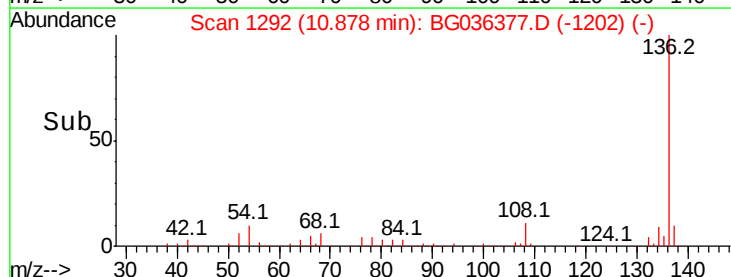
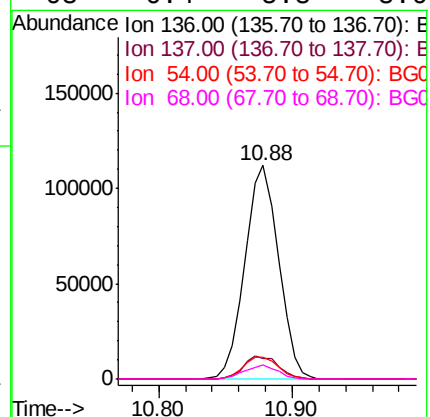
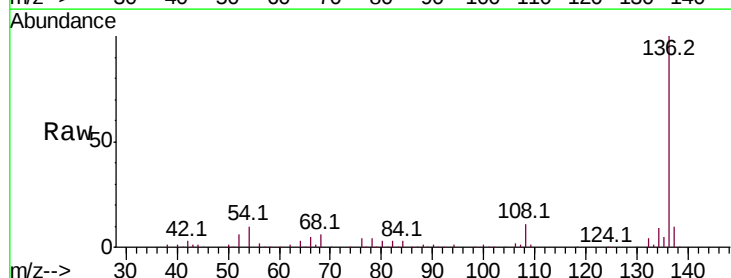
Ion Ratio Lower Upper

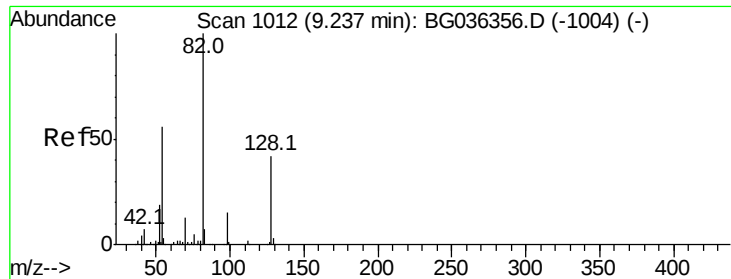
136 100

137 9.7 8.8 13.2

54 9.9 9.2 13.8

68 6.4 5.8 8.6

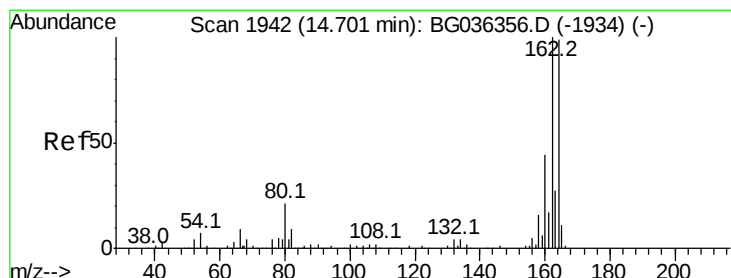
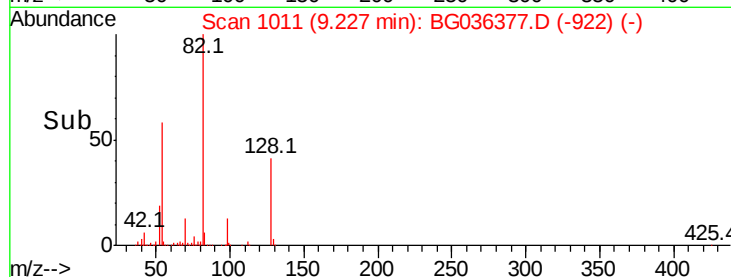
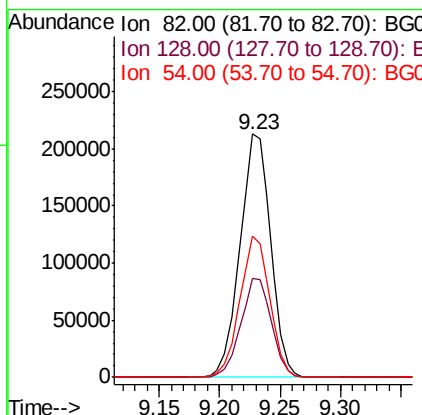
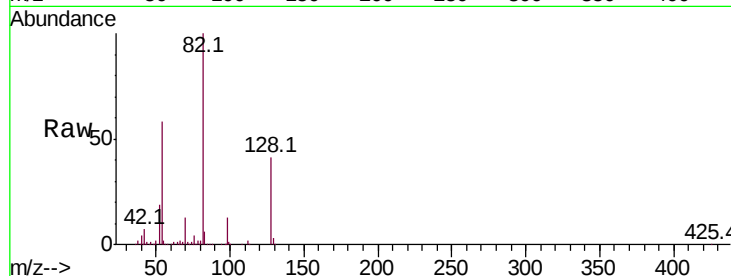




#23
 Nitrobenzene-d5
 Concen: 104.991 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036377.D
 Acq: 23 Aug 2018 13:30

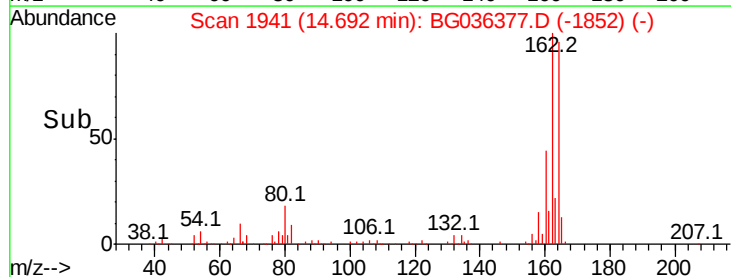
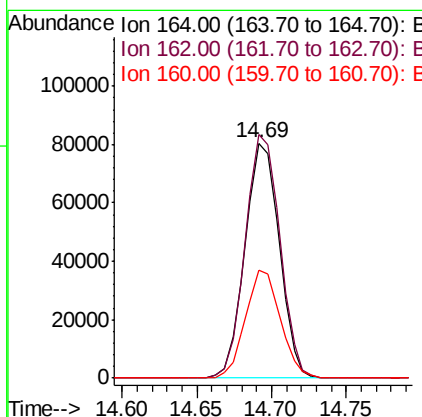
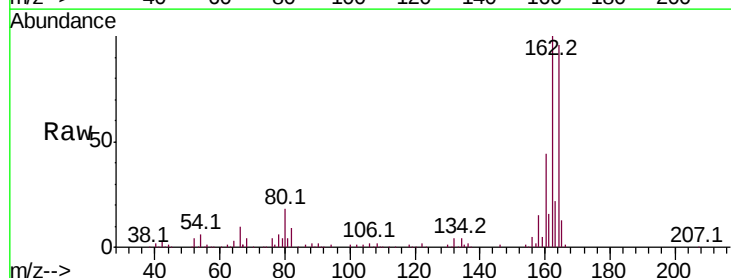
Instrument :
 BNA_G
 ClientSampleId :
 RN-SOIL

Tot Ion: 82 Resp: 377429
 Ion Ratio Lower Upper
 82 100
 128 40.6 33.3 49.9
 54 57.9 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: BG036377.D
 Acq: 23 Aug 2018 13:30

Tgt Ion: 164 Resp: 127973
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.7 121.1
 160 46.1 35.3 52.9

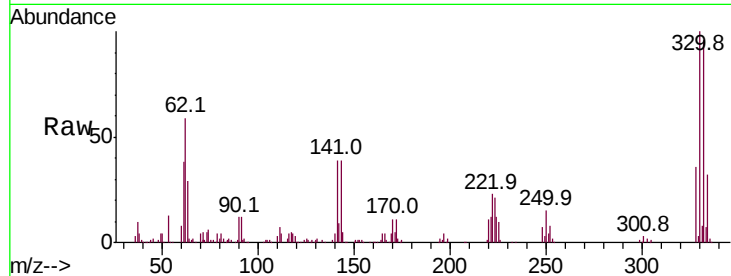




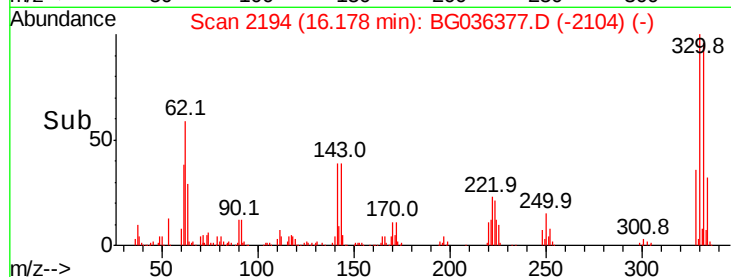
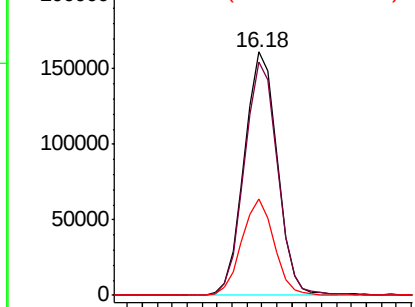
#41
 2,4,6-Tribromophenol
 Concen: 161.810 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036377.D
 Acq: 23 Aug 2018 13:30

Instrument :
 BNA_G
 ClientSampleId :
 RN-SOIL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.2
141	38.9	30.7	46.1

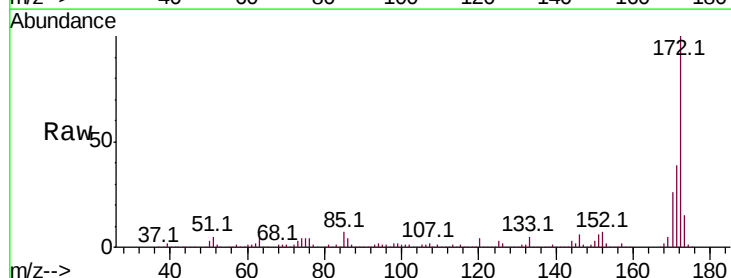


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

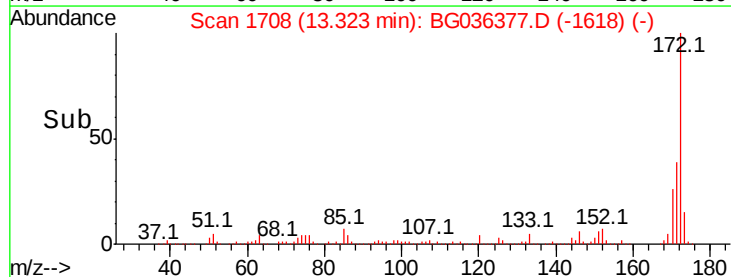
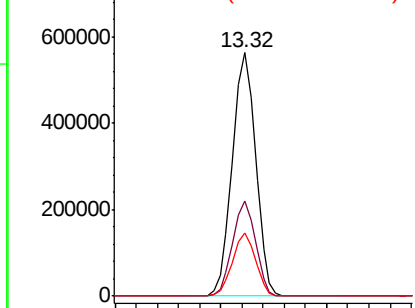


#44
 2-Fluorobiphenyl
 Concen: 96.069 ng
 RT: 13.32 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG036377.D
 Acq: 23 Aug 2018 13:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.3	46.9
170	25.9	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

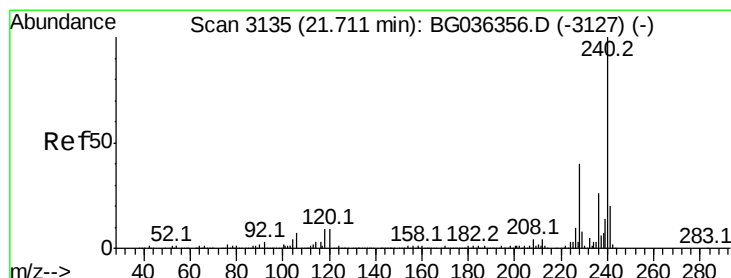
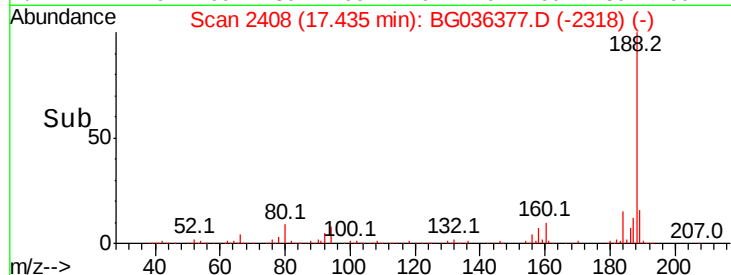
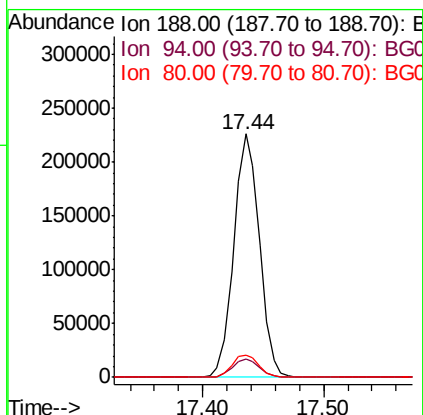
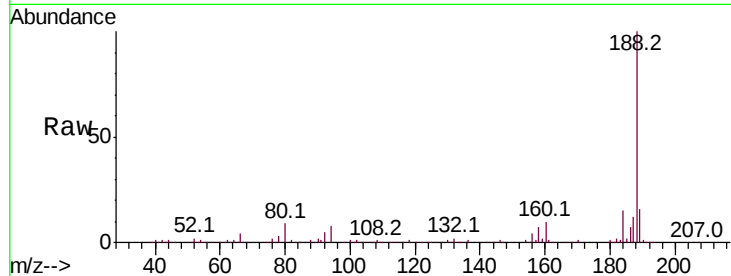




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BG036377.D
Acq: 23 Aug 2018 13:30

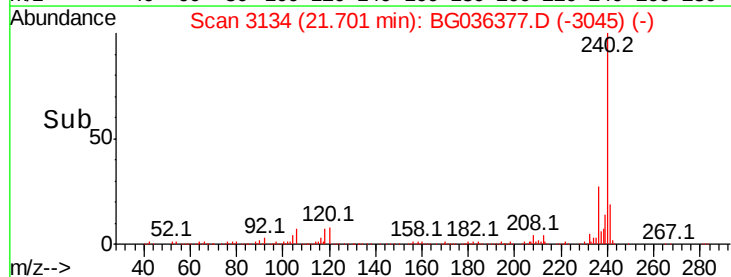
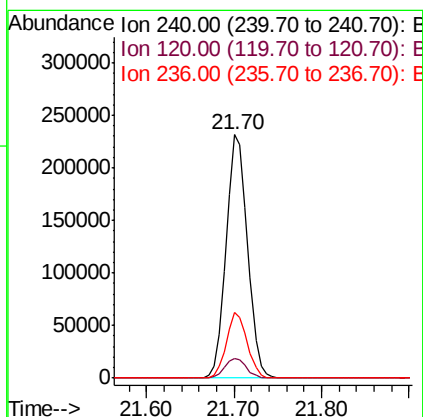
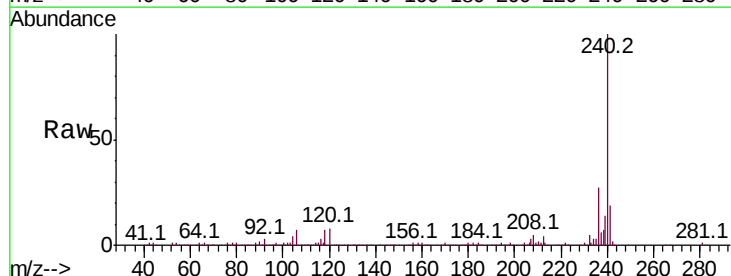
Instrument :
BNA_G
ClientSampleId :
RN-SOIL

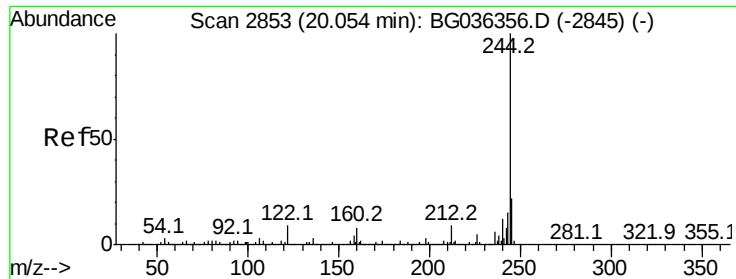
Tot Ion:188 Resp: 334459
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 9.4 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036377.D
Acq: 23 Aug 2018 13:30

Tgt Ion:240 Resp: 388938
Ion Ratio Lower Upper
240 100
120 8.3 6.9 10.3
236 26.9 21.2 31.8





#78

Terphenyl-d14

Concen: 99.036 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036377.D

Acq: 23 Aug 2018 13:30

Instrument :

BNA_G

ClientSampleId :

RN-SOIL

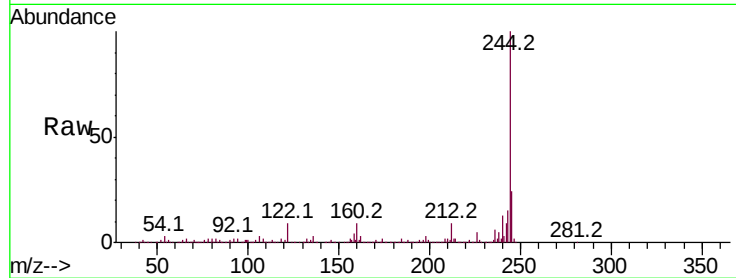
Tot Ion:244 Resp: 1647983

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.4	7.1	10.7

244 100

212 9.2 7.0 10.6

122 9.4 7.1 10.7

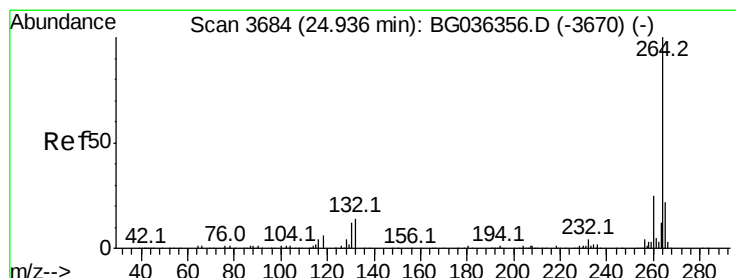
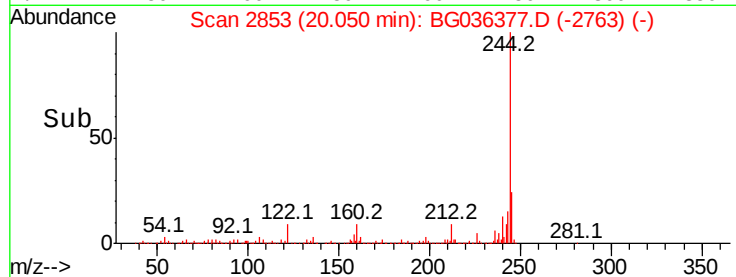
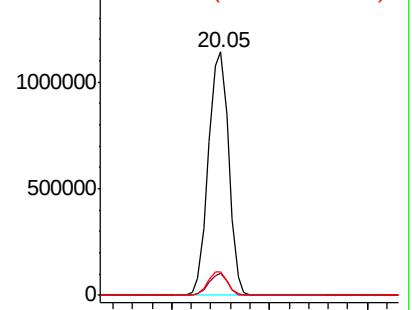


Abundance

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: 24.93 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BG036377.D

Acq: 23 Aug 2018 13:30

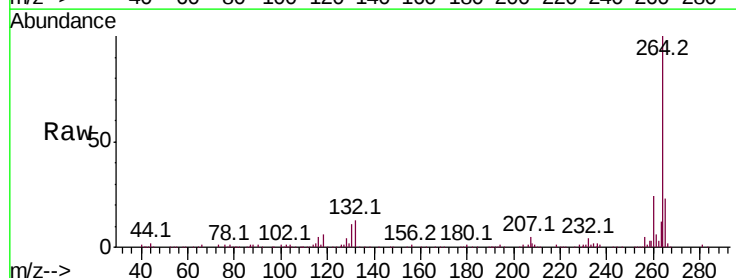
Tgt Ion:264 Resp: 384709

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.6	17.4	26.0

264 100

260 23.9 19.6 29.4

265 22.6 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

