Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027360.D
Acq On : 9 Jun 2017 23:24
Operator : SJ/MA
Sample : I3561-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGS-NRL-65

Quant Time: Jun 10 06:47:57 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	42733	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	204265	20.00	ng	-0.03
38) Acenaphthene-d10	15.13	164	126680	20.00	ng	-0.03
63) Phenanthrene-d10	17.88	188	308532	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	351807	20.00	ng	-0.04
86) Perylene-d12	25.95	264	332353	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	437611	156.27	ng	-0.01
7) Phenol-d6	7.69	99	556261	135.32	ng	-0.01
23) Nitrobenzene-d5	9.72	82	410663	126.44	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	304003	182.24	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	918319	101.41	ng	-0.03
78) Terphenyl-d14	20.46	244	1496618	108.52	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	11.42	128	23678	2.121	ng	# 95

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

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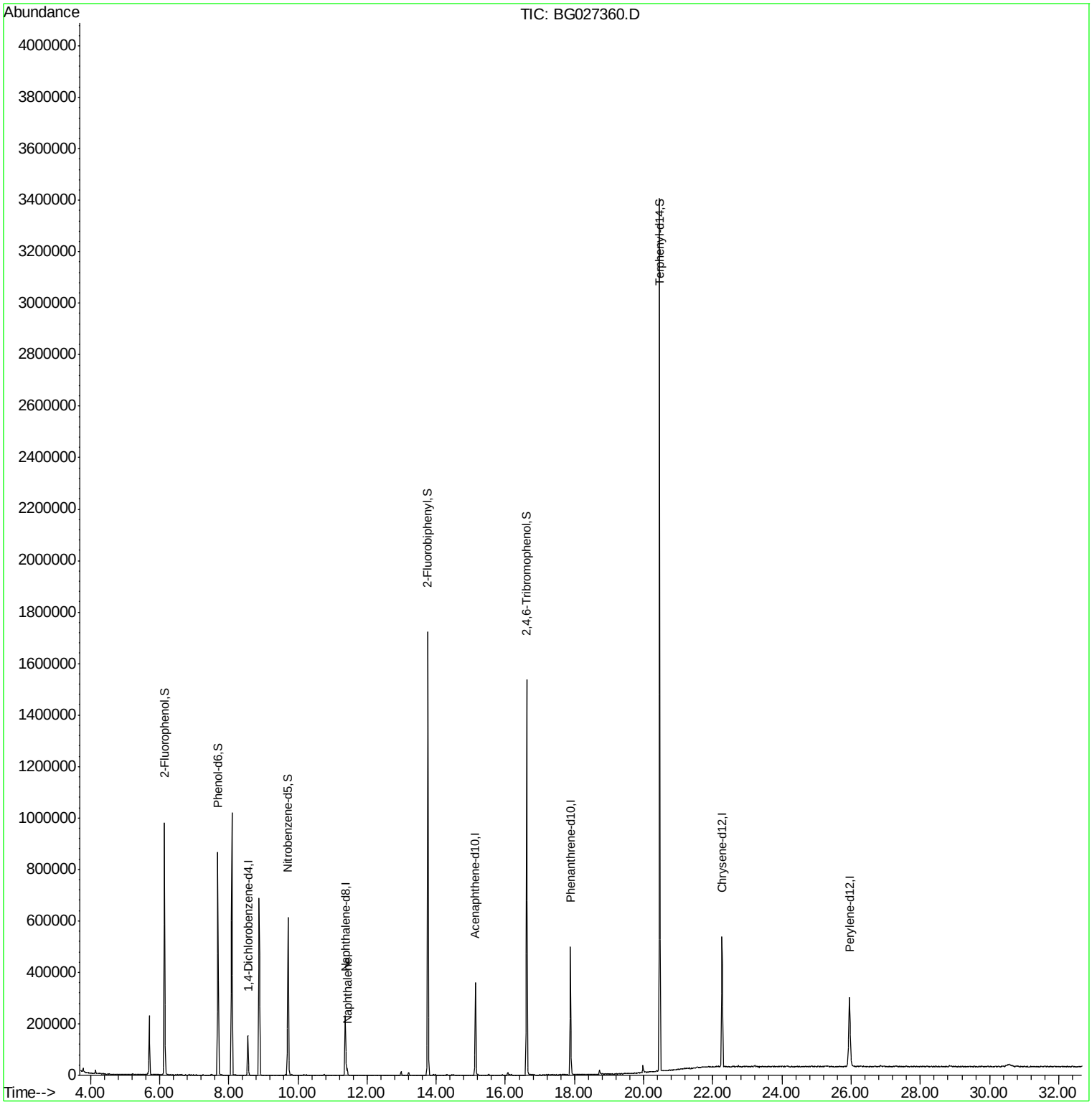
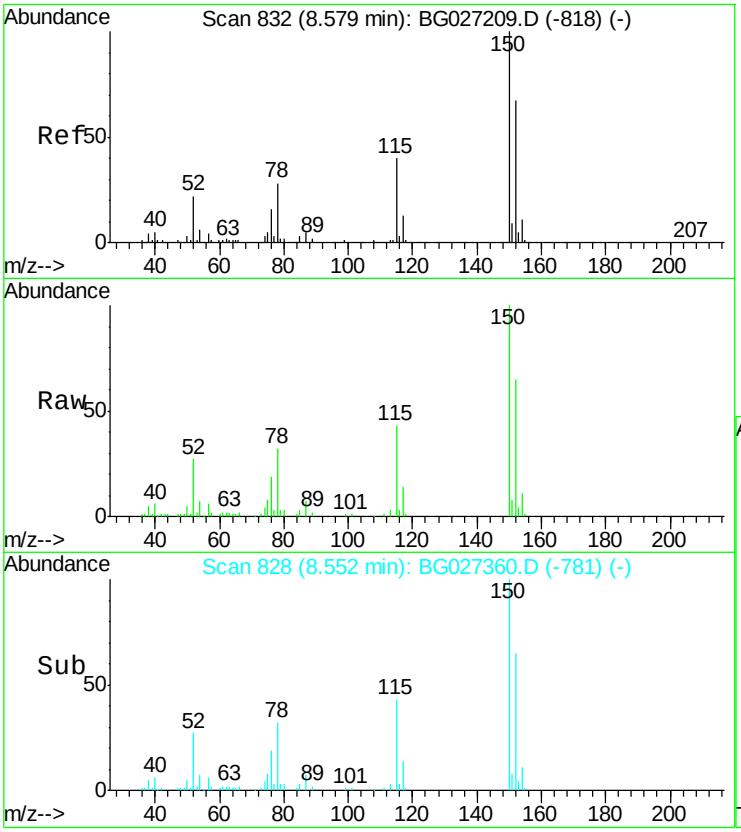


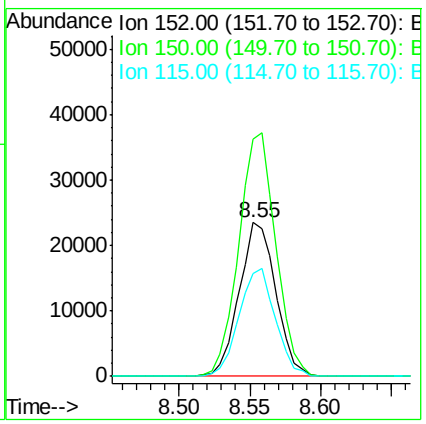


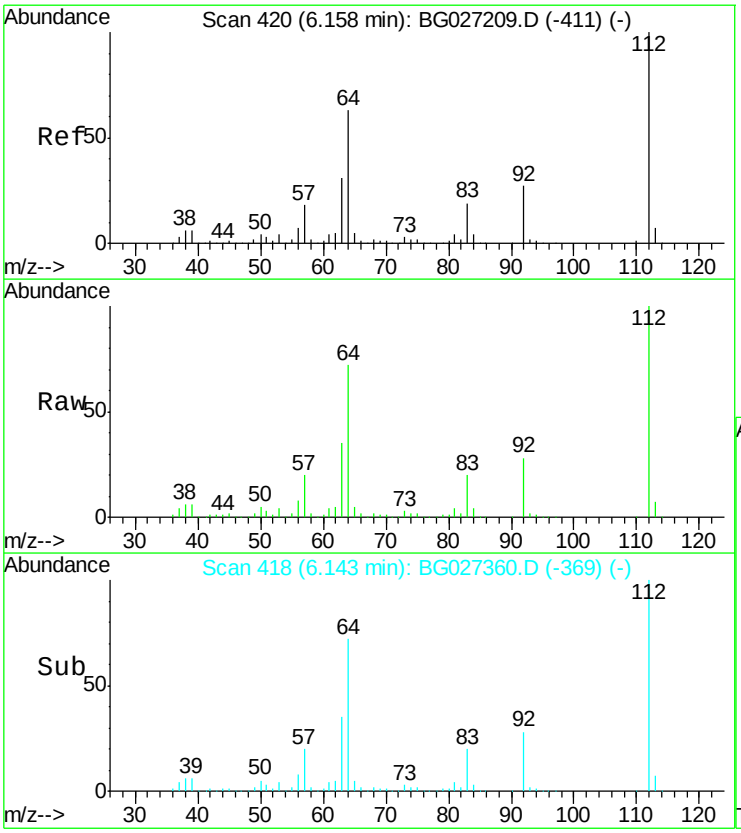
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion:152 Resp: 42733

Ion	Ratio	Lower	Upper
152	100		
150	154.2	114.0	171.0
115	66.6	48.1	72.1

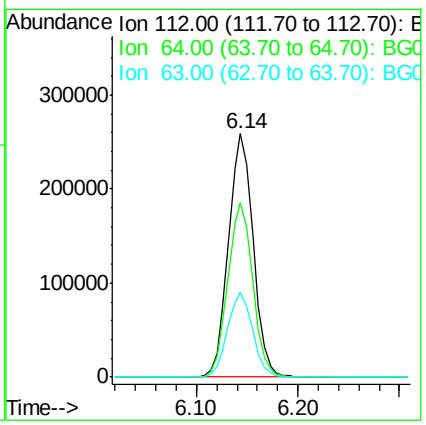


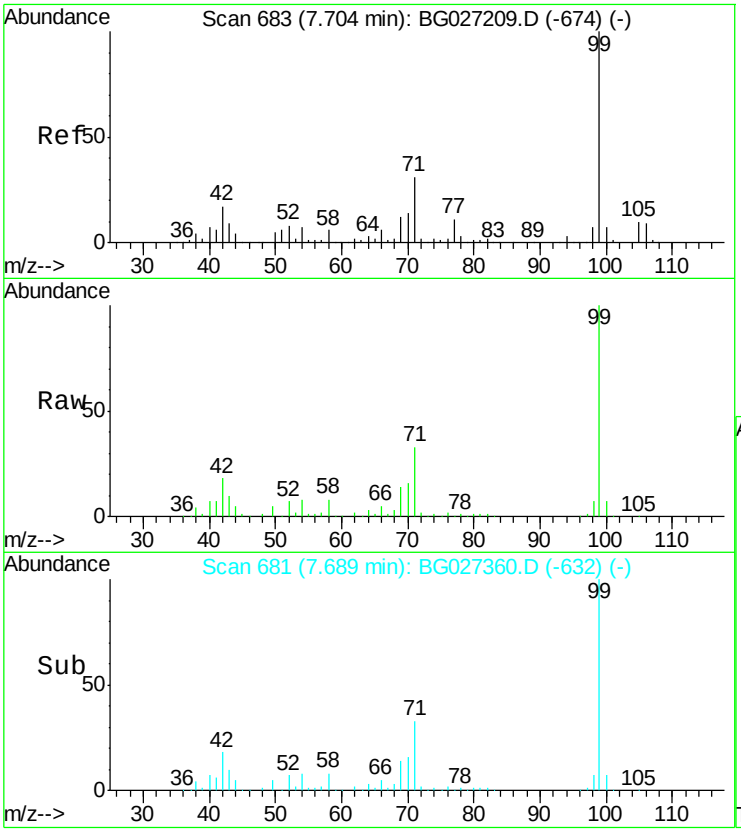


#5
2-Fluorophenol
Concen: 156.268 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:112 Resp: 437611

Ion	Ratio	Lower	Upper
112	100		
64	71.9	61.8	92.6
63	34.8	37.2	55.8#



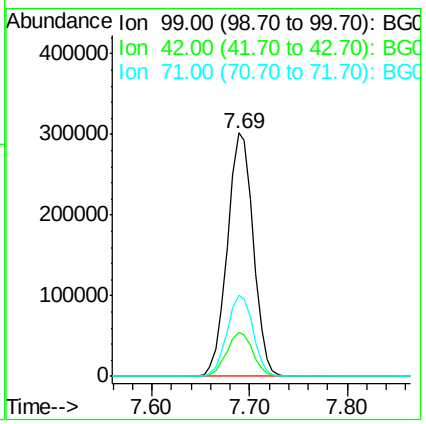


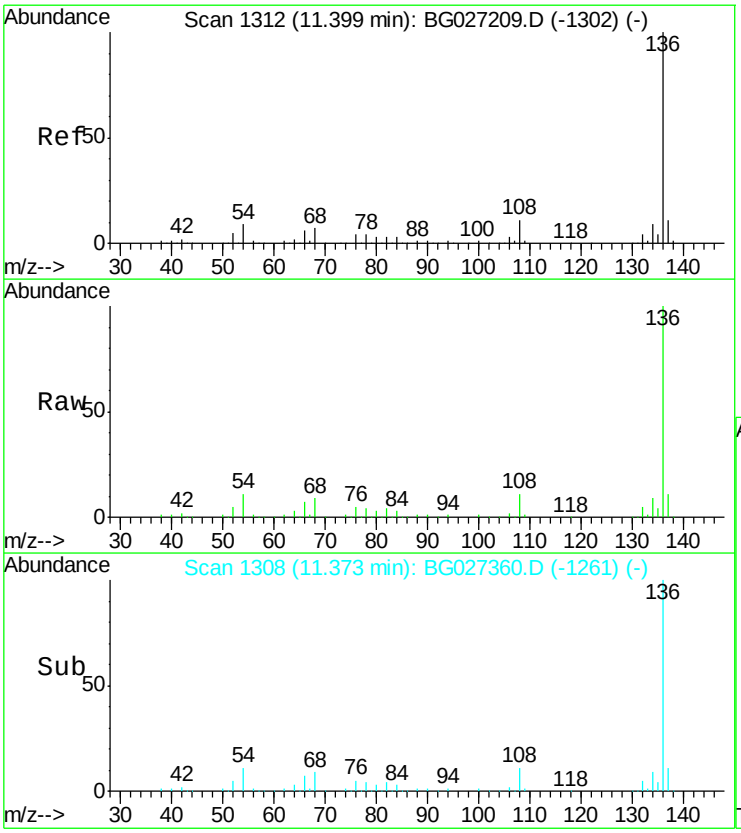
#7
Phenol-d6
Concen: 135.321 ng
RT: 7.69 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion: 99 Resp: 556261

Ion	Ratio	Lower	Upper
99	100		
42	18.3	20.5	30.7#
71	33.4	37.6	56.4#

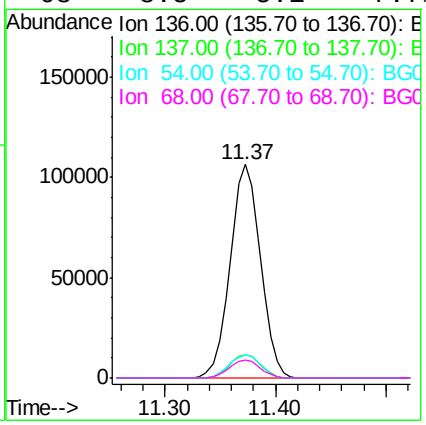


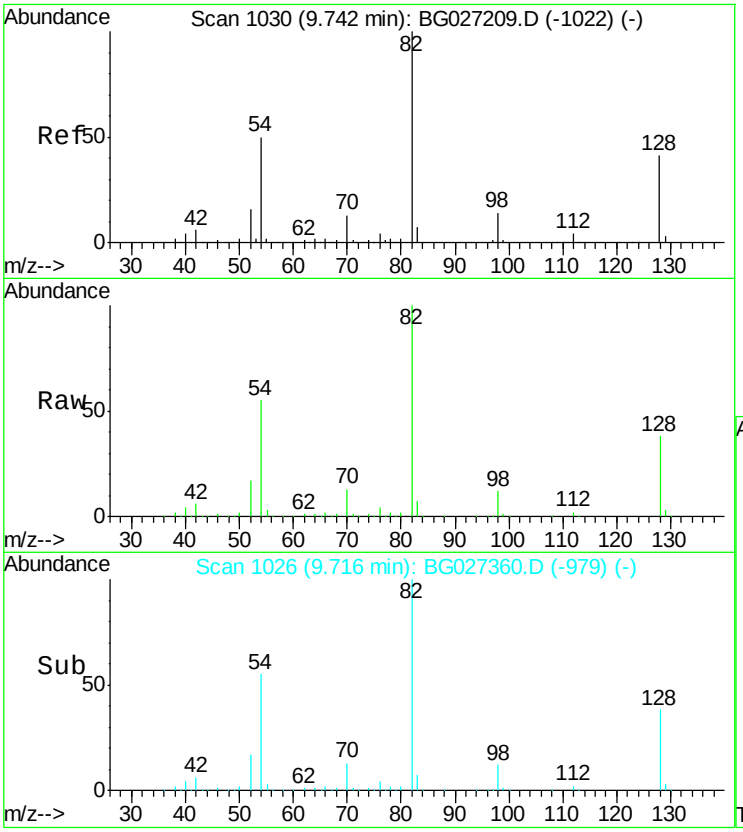


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.37 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:136 Resp: 204265

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.7	9.3	13.9
68	8.5	5.1	7.7#



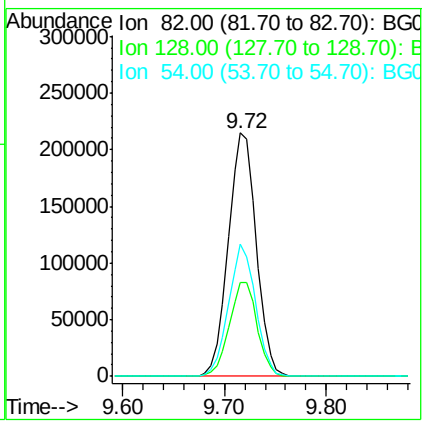


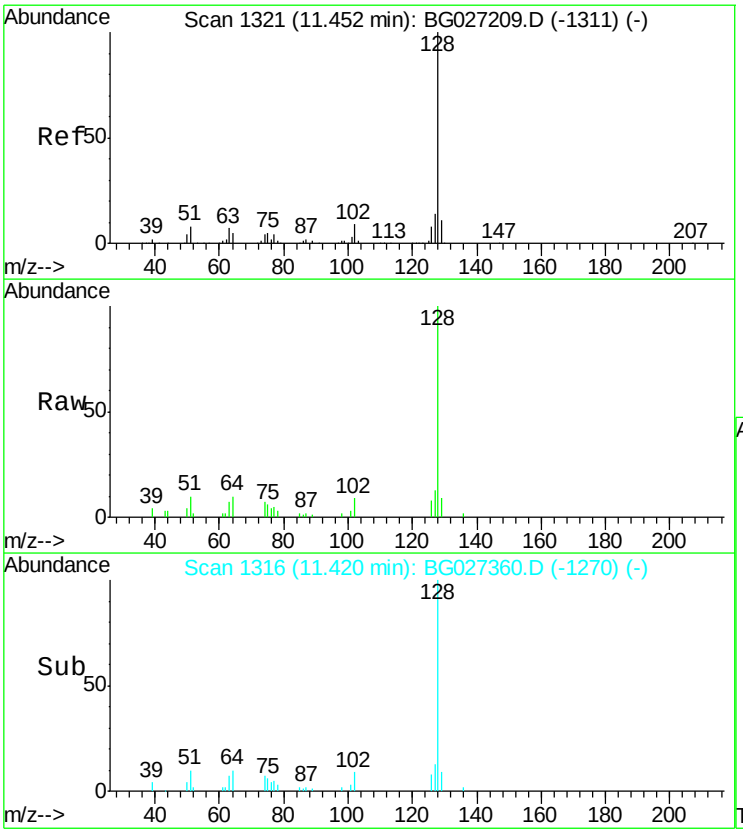
#23
Nitrobenzene-d5
Concen: 126.436 ng
RT: 9.72 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion: 82 Resp: 410663

Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	54.6	49.4	74.2

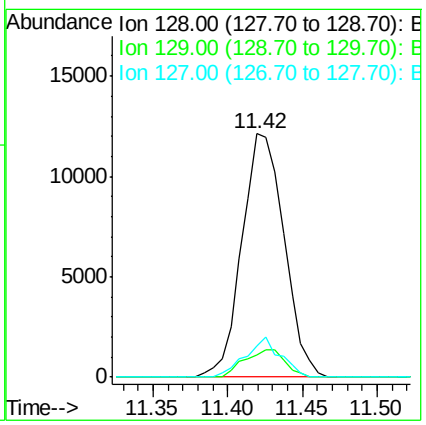


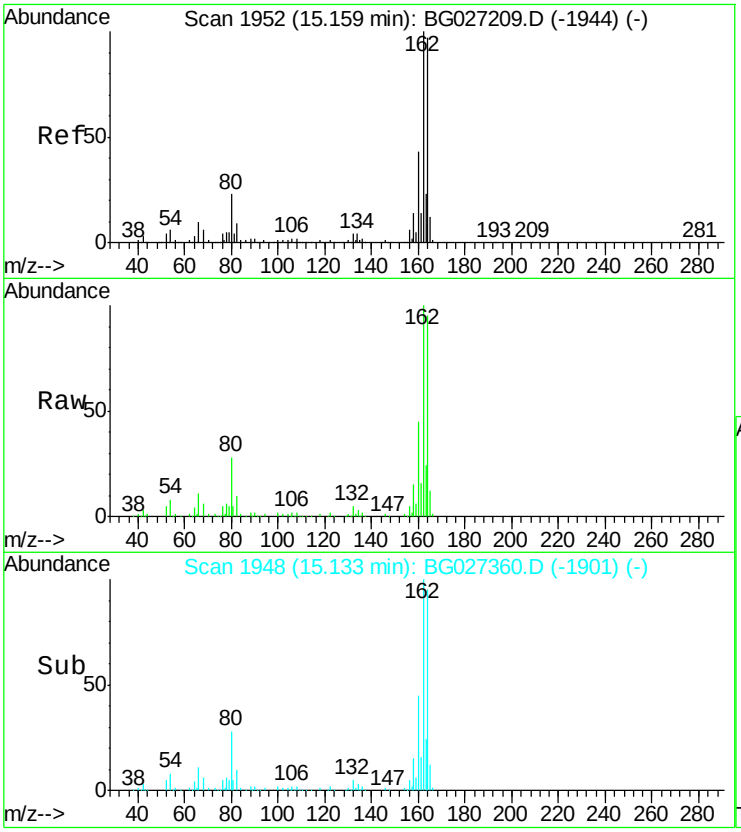


#31
Naphthalene
Concen: 2.121 ng
RT: 11.42 min Scan# 1316
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:128 Resp: 23678

Ion	Ratio	Lower	Upper
128	100		
129	9.1	9.3	13.9#
127	12.8	11.4	17.0



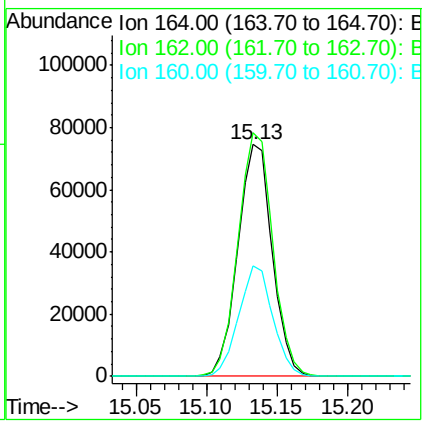


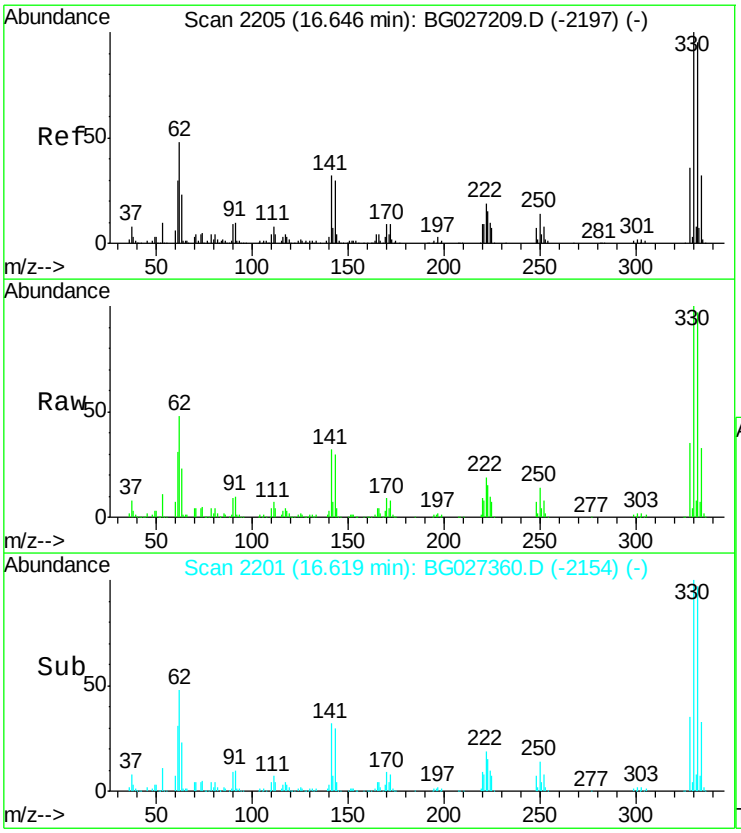
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.13 min Scan# 1948
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion:164 Resp: 126680

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	47.5	34.7	52.1

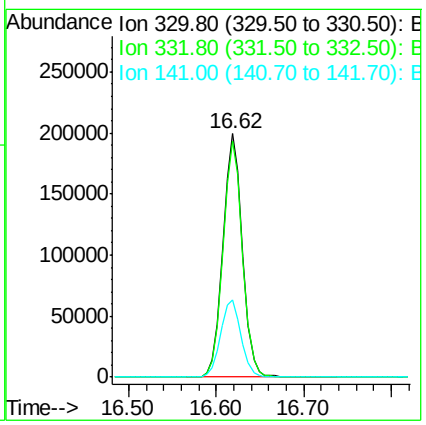


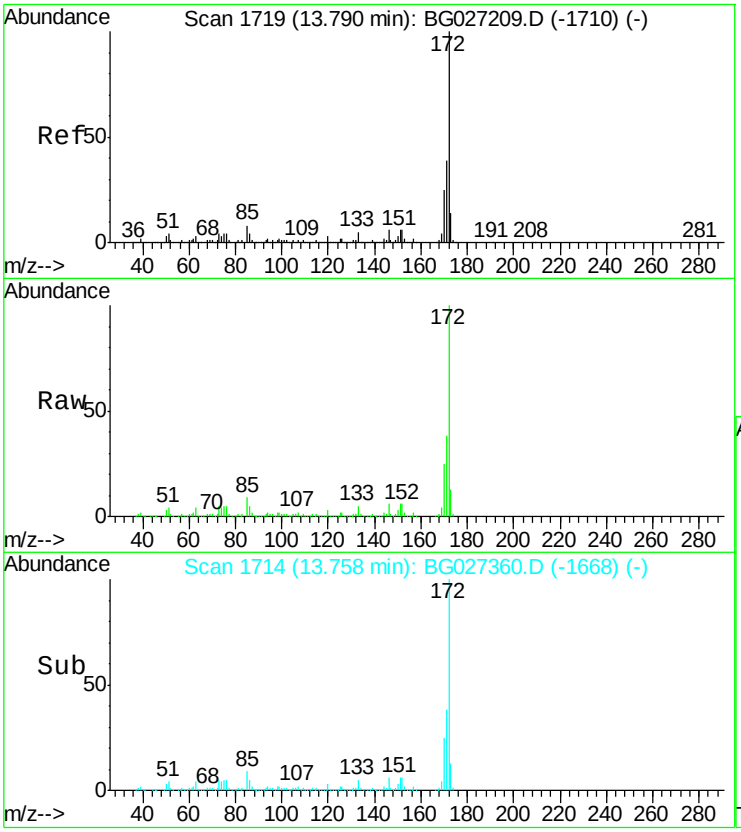


#41
2,4,6-Tribromophenol
Concen: 182.239 ng
RT: 16.62 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:330 Resp: 304003

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.4	32.1	48.1



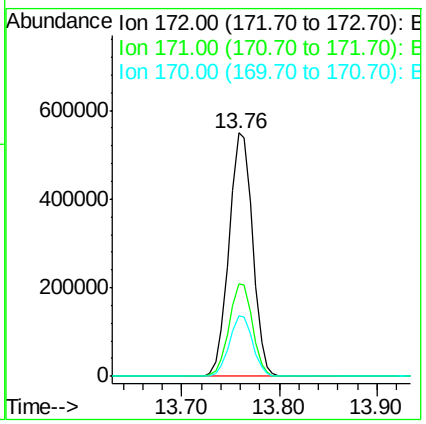


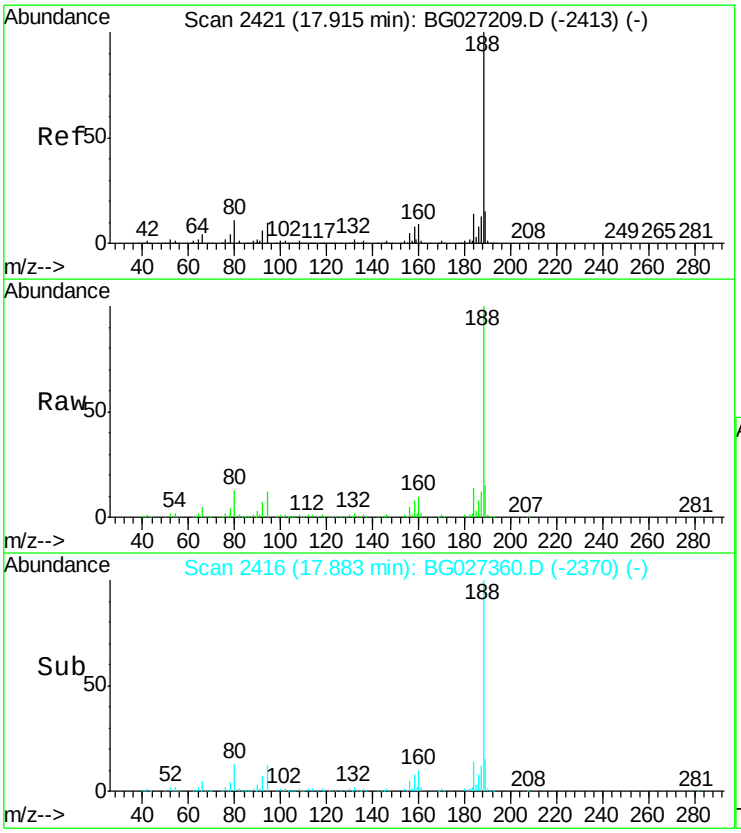
#44
2-Fluorobiphenyl
Concen: 101.413 ng
RT: 13.76 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion:172 Resp: 918319

Ion	Ratio	Lower	Upper
172	100		
171	37.8	32.2	48.2
170	24.7	21.8	32.6

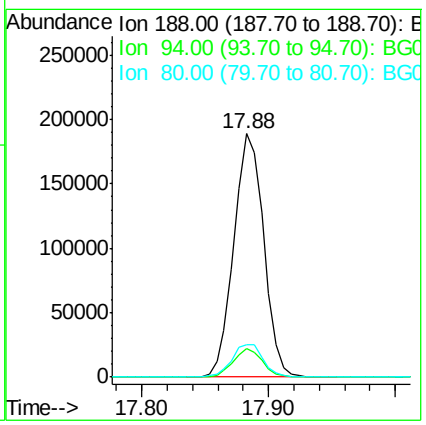


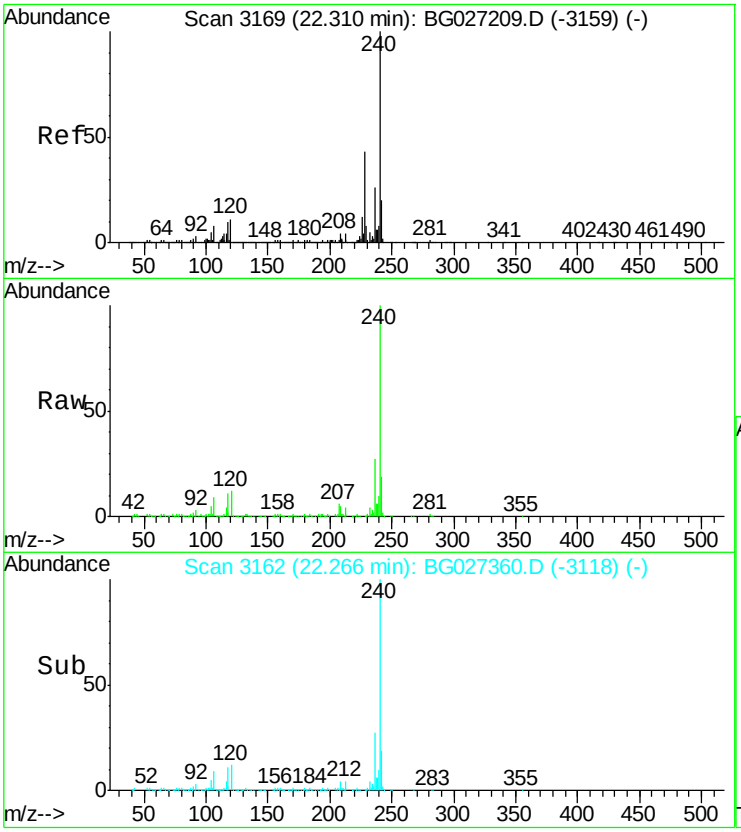


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.88 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:188 Resp: 308532

Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.8	8.8#
80	13.4	7.5	11.3#



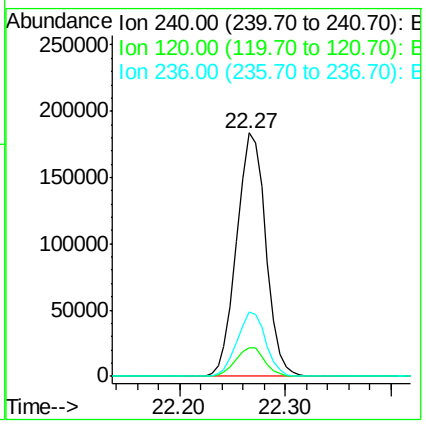


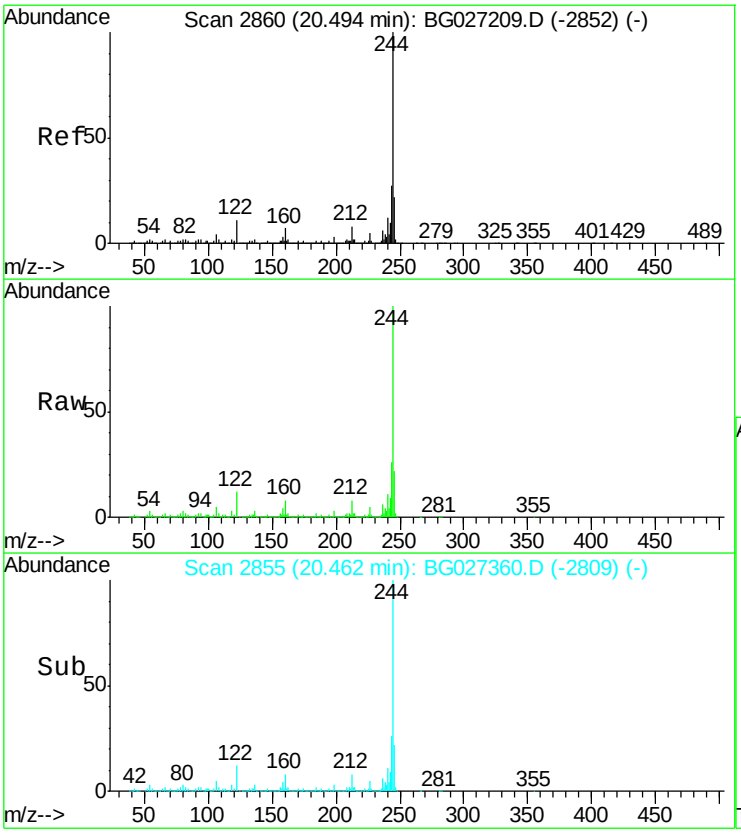
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.27 min Scan# 3162
Delta R.T. -0.04 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion:240 Resp: 351807

Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.7	8.5#
236	26.6	22.2	33.4

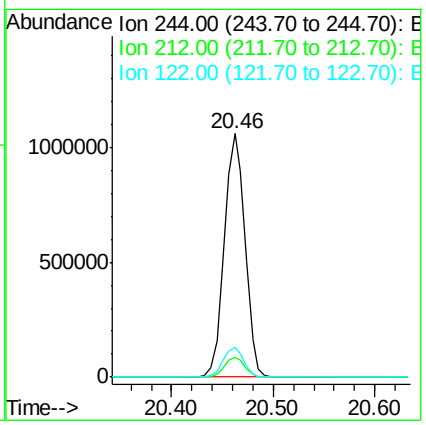


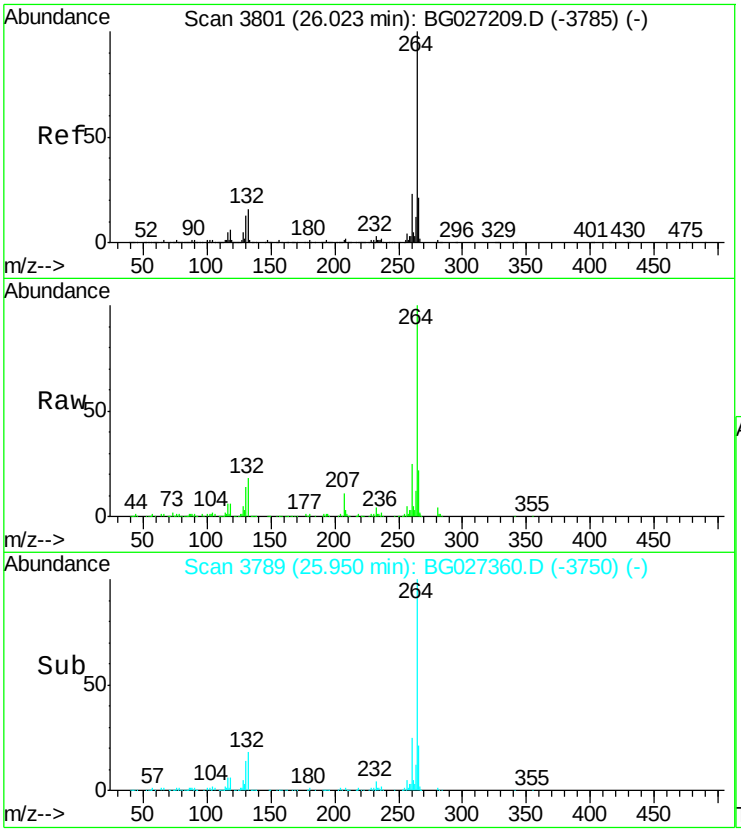


#78
Terphenyl-d14
Concen: 108.522 ng
RT: 20.46 min Scan# 2855
Delta R.T. -0.03 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Tgt Ion:244 Resp: 1496618

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.0	15.0#
122	12.4	8.6	12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.95 min Scan# 3789
Delta R.T. -0.07 min
Lab File: BG027360.D
Acq: 9 Jun 2017 23:24

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS-NRL-65

Tgt Ion:264 Resp: 332353

Ion	Ratio	Lower	Upper
264	100		
260	24.6	21.8	32.8
265	21.7	18.2	27.4