Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090916\
Data File : BG023978.D
Acq On : 9 Sep 2016 17:40
Operator : UM/SJ
Sample : H4715-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGS

Quant Time: Sep 09 18:15:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 16:25:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	45891	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	222927	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	178158	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	482574	20.00	ng	0.01
75) Chrysene-d12	21.81	240	435466	20.00	ng	0.00
86) Perylene-d12	25.16	264	400698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	341337	130.59	ng	0.00
7) Phenol-d6	7.23	99	499436	124.13	ng	0.00
23) Nitrobenzene-d5	9.24	82	435087	87.13	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	415107	129.32	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	996251	80.17	ng	0.00
78) Terphenyl-d14	20.11	244	1965989	102.82	ng	0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	8.38	79	7259	2.05	ng	# 70
40) Hexachlorocyclopentadiene	13.11	237	56	7.10	ng	# 26
53) 2,4-Dinitrophenol	14.70	184	94	6.55	ng	# 10

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

Quantitation Report (Not Reviewed)

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Data File : BG023978.D
Acq On : 9 Sep 2016 17:40
Operator : UM/SJ
Sample : H4715-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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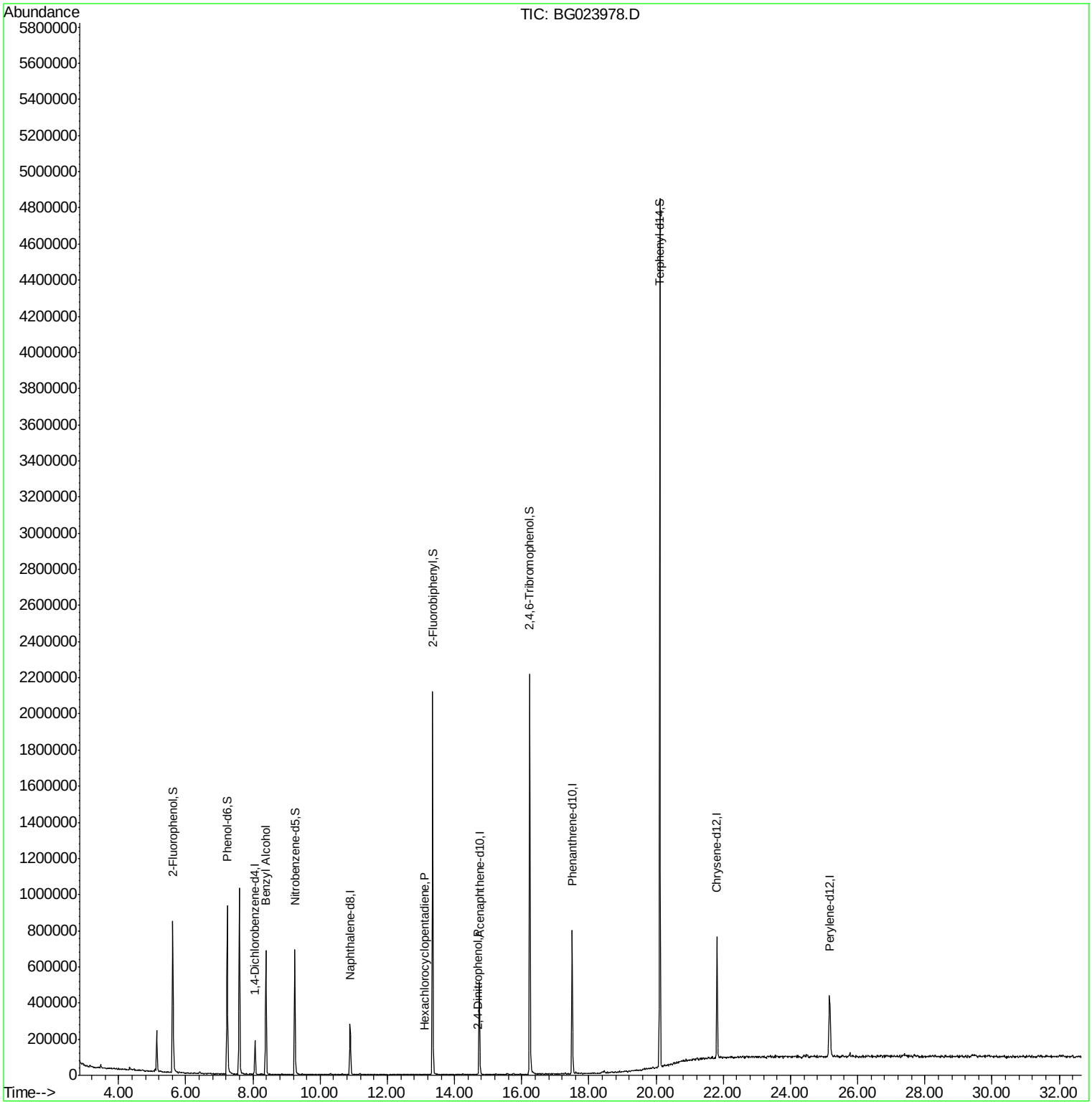
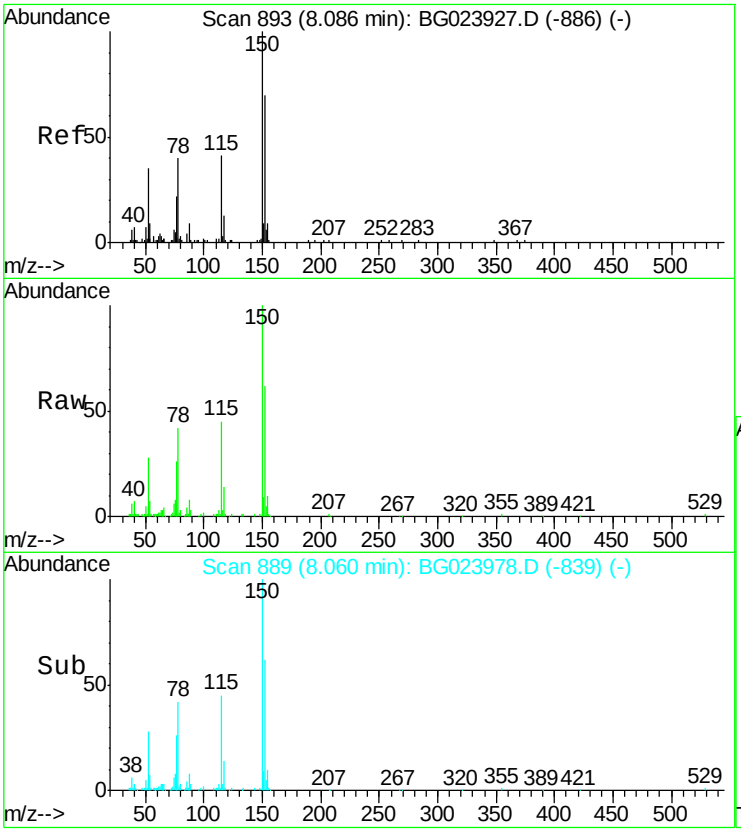


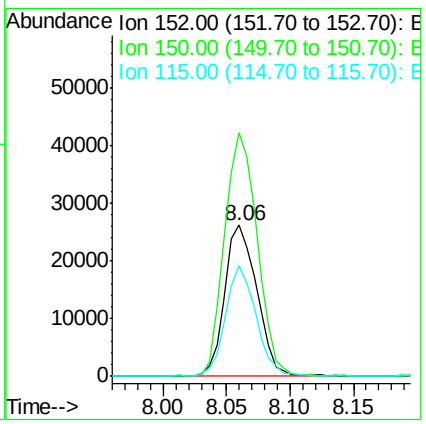


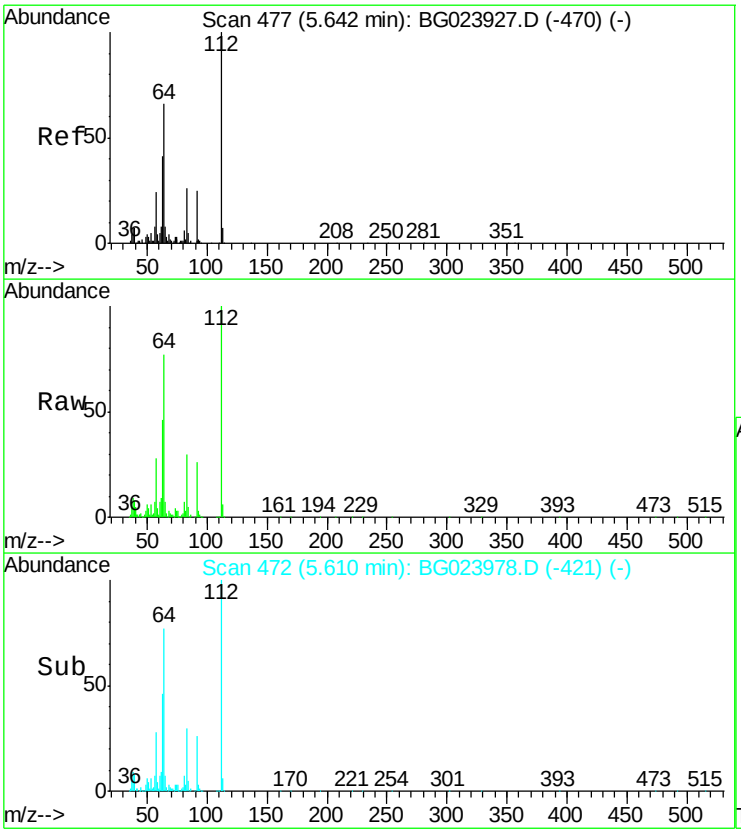
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.06 min Scan# 889
Delta R.T. -0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:152 Resp: 45891

Ion	Ratio	Lower	Upper
152	100		
150	161.3	144.7	217.1
115	73.3	64.0	96.0

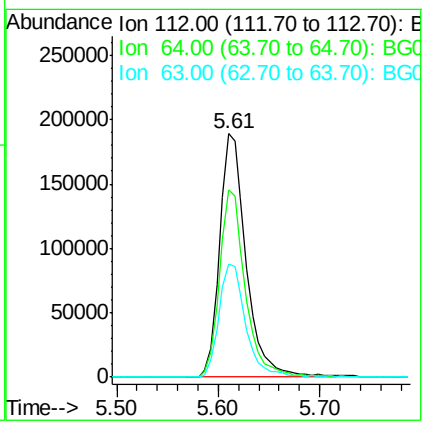


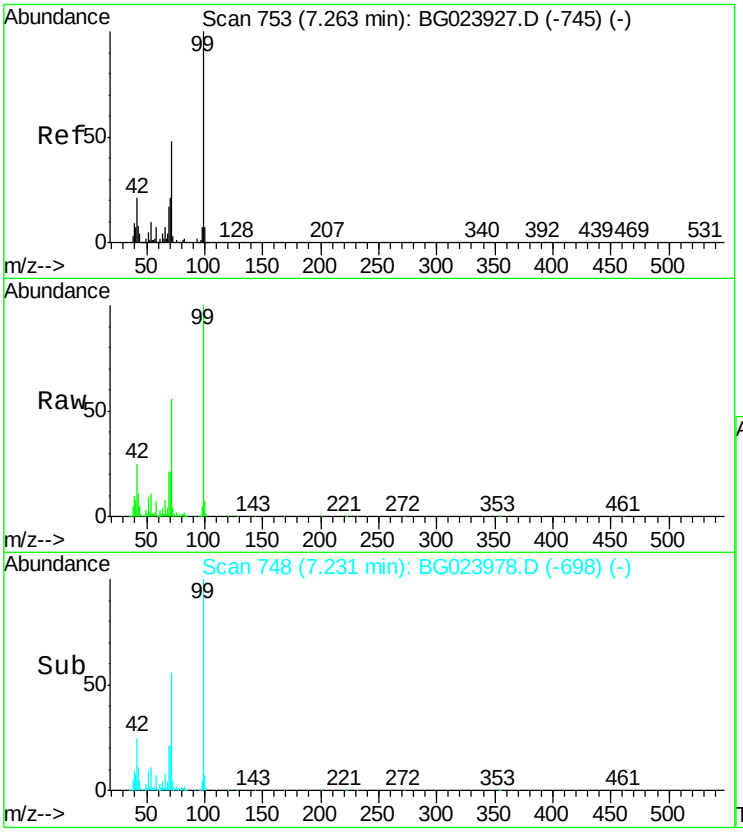


#5
2-Fluorophenol
Concen: 130.59 ng
RT: 5.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:112 Resp: 341337

Ion	Ratio	Lower	Upper
112	100		
64	76.9	59.0	88.4
63	46.4	37.8	56.8



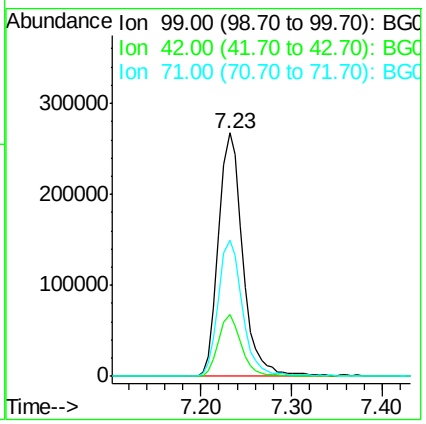


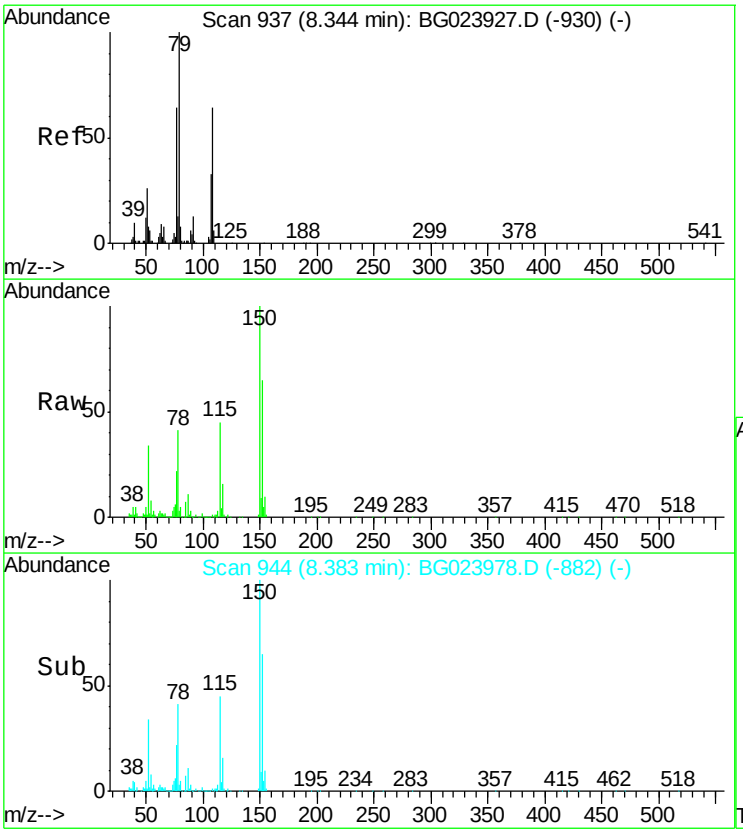
#7
Phenol-d6
Concen: 124.13 ng
RT: 7.23 min Scan# 748
Delta R.T. -0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion: 99 Resp: 499436

Ion	Ratio	Lower	Upper
99	100		
42	25.4	17.8	26.6
71	56.1	41.5	62.3

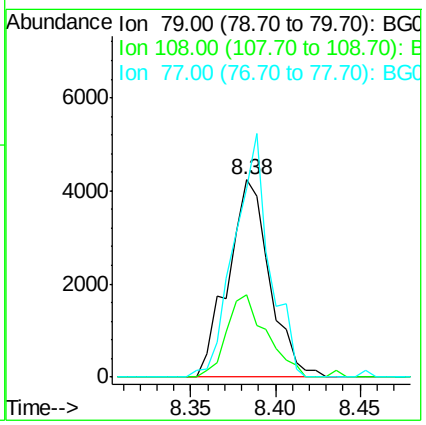


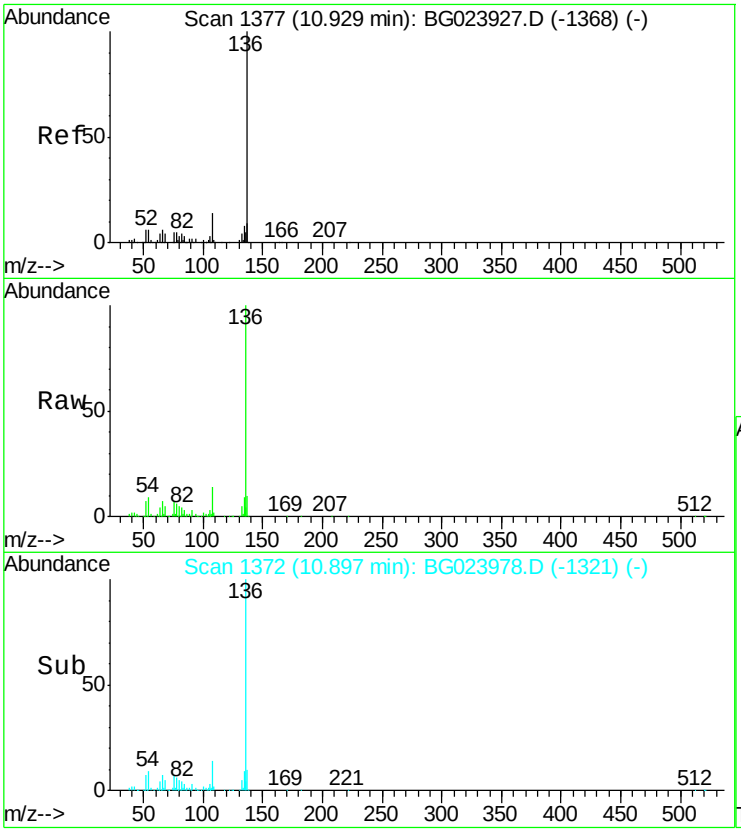


#15
Benzyl Alcohol
Concen: 2.05 ng
RT: 8.38 min Scan# 944
Delta R.T. 0.07 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion: 79 Resp: 7259

Ion	Ratio	Lower	Upper
79	100		
108	41.9	46.5	69.7#
77	95.5	52.3	78.5#



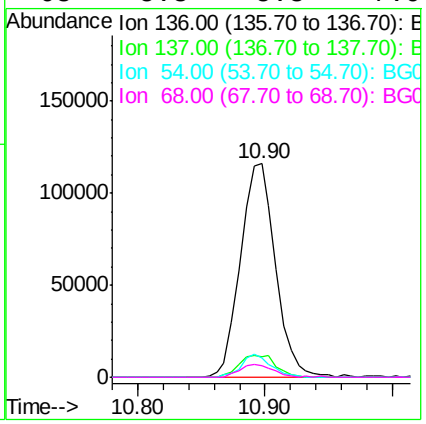


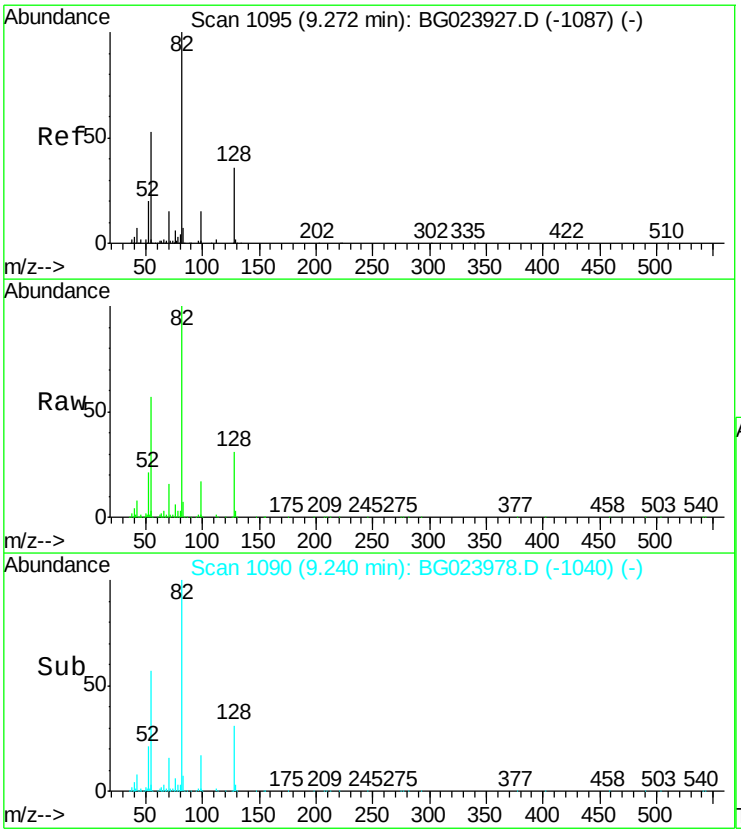
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.90 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:136 Resp: 222927

Ion	Ratio	Lower	Upper
136	100		
137	9.6	9.6	14.4
54	8.9	7.3	10.9
68	5.3	5.3	7.9

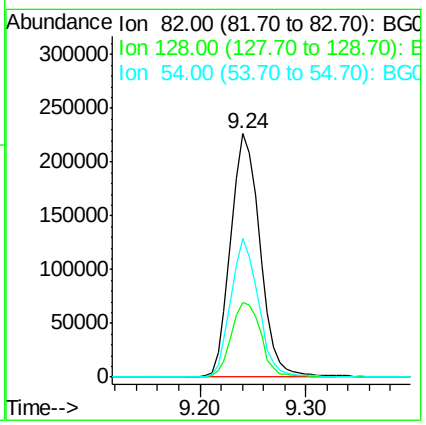


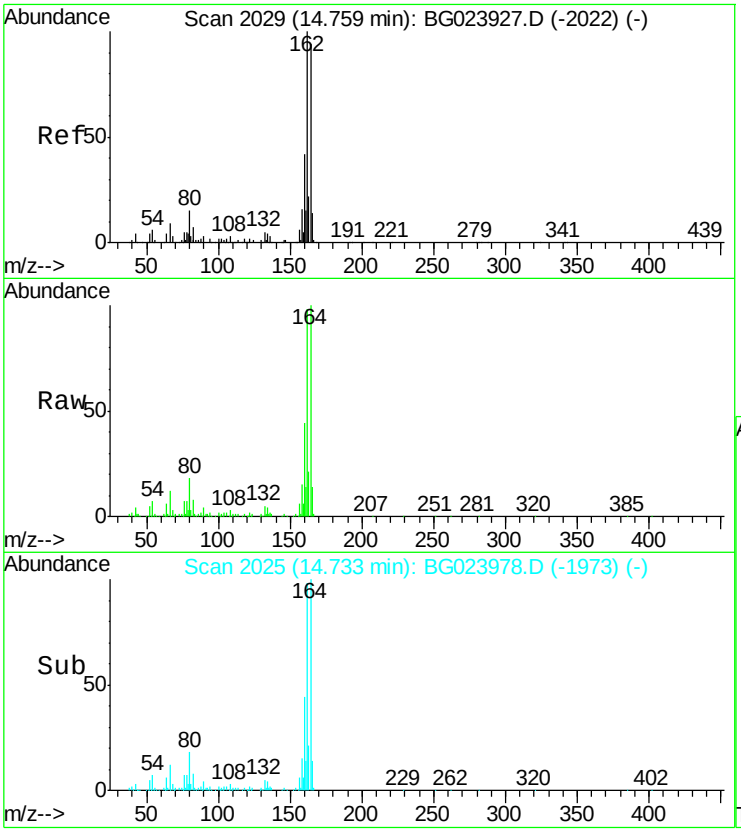


#23
Nitrobenzene-d5
Concen: 87.13 ng
RT: 9.24 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion: 82 Resp: 435087

Ion	Ratio	Lower	Upper
82	100		
128	30.7	24.4	36.6
54	56.9	41.4	62.0



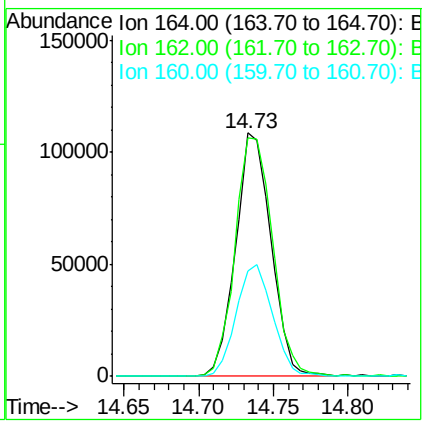


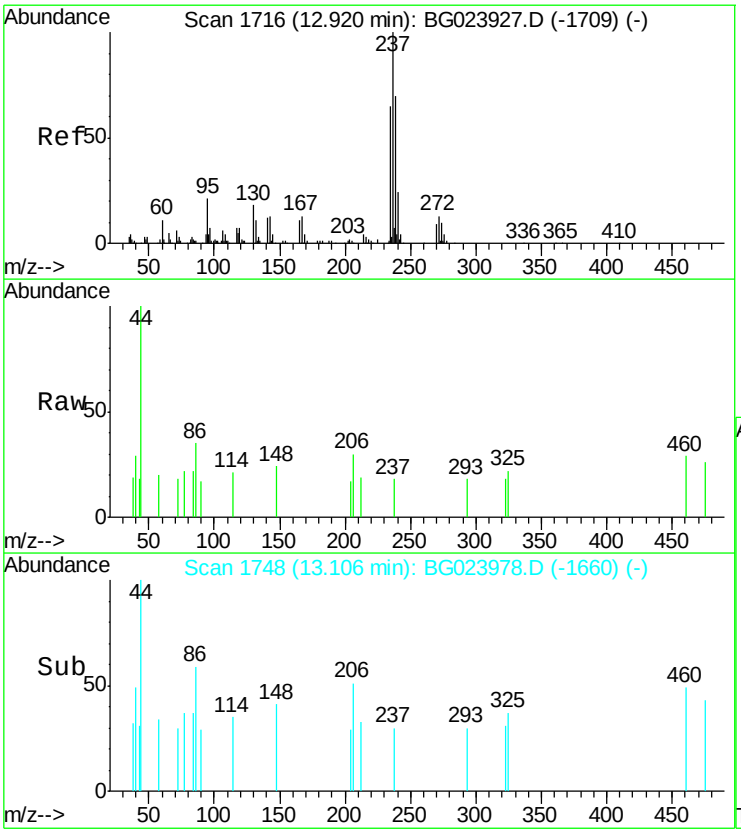
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:164 Resp: 178158

Ion	Ratio	Lower	Upper
164	100		
162	97.9	87.7	131.5
160	43.5	37.2	55.8

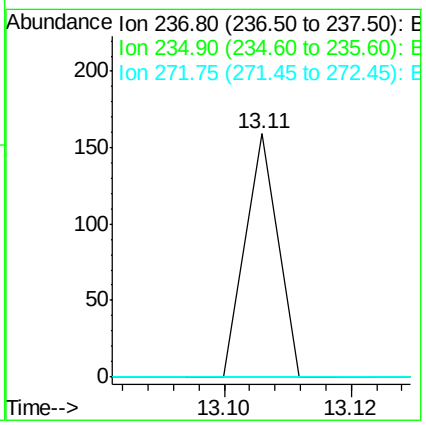


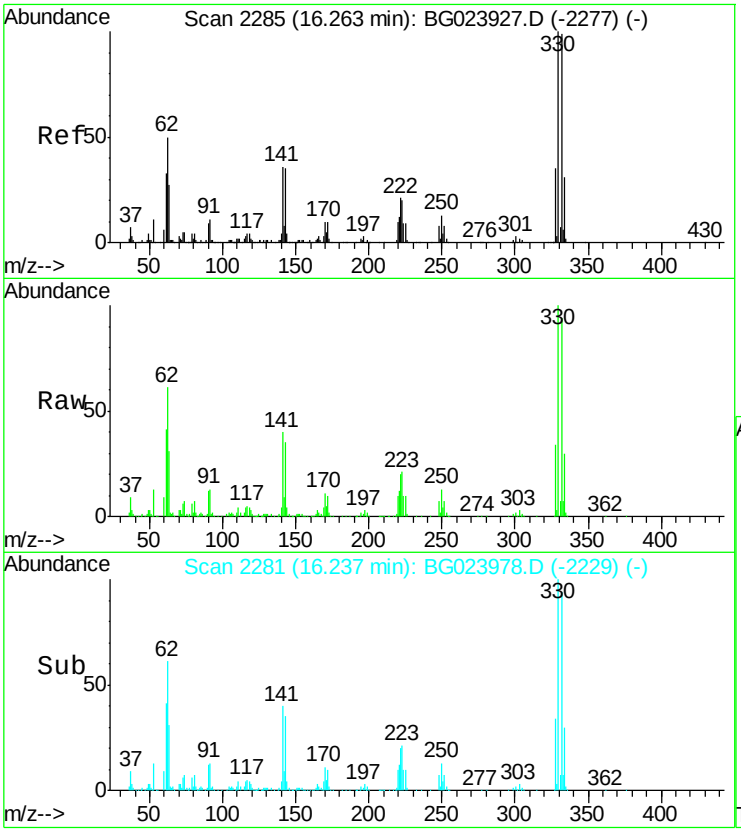


#40
Hexachlorocyclopentadiene
Concen: 7.10 ng
RT: 13.11 min Scan# 1748
Delta R.T. 0.22 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:237 Resp: 56

Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



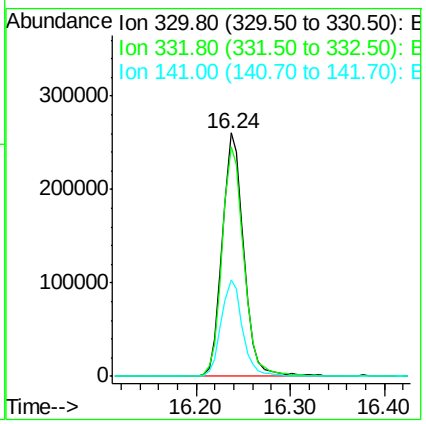


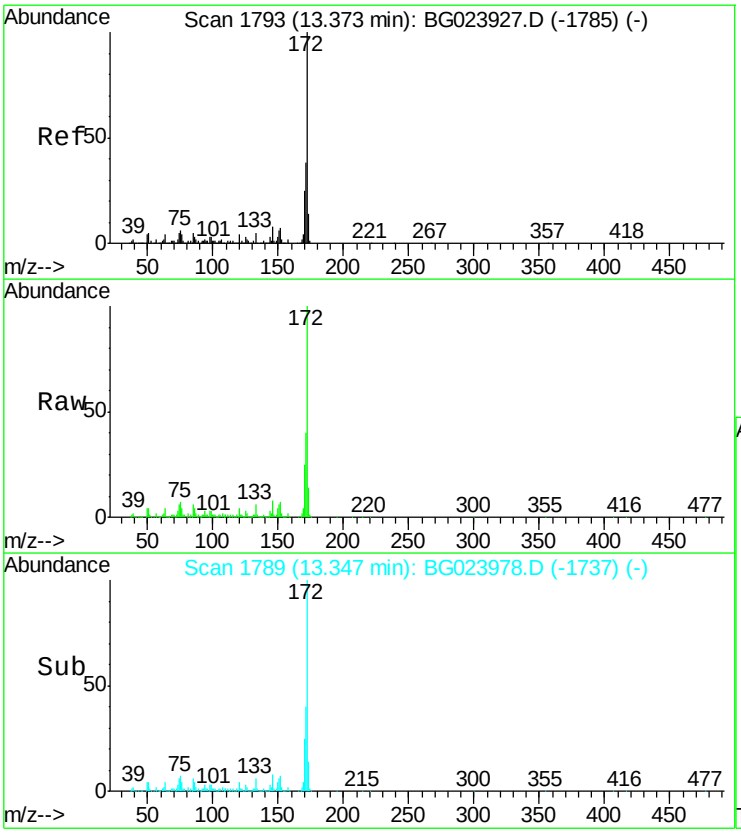
#41
2,4,6-Tribromophenol
Concen: 129.32 ng
RT: 16.24 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:330 Resp: 415107

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	39.6	31.7	47.5

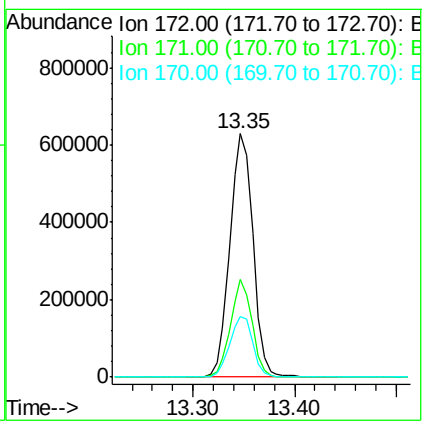


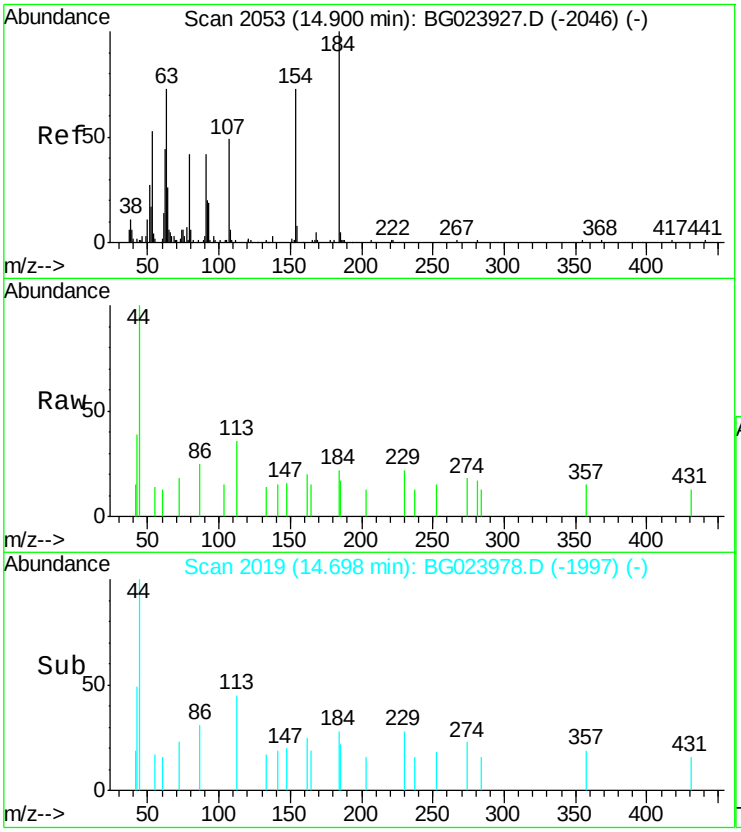


#44
2-Fluorobiphenyl
Concen: 80.17 ng
RT: 13.35 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:172 Resp: 996251

Ion	Ratio	Lower	Upper
172	100		
171	39.9	31.6	47.4
170	24.9	21.3	31.9



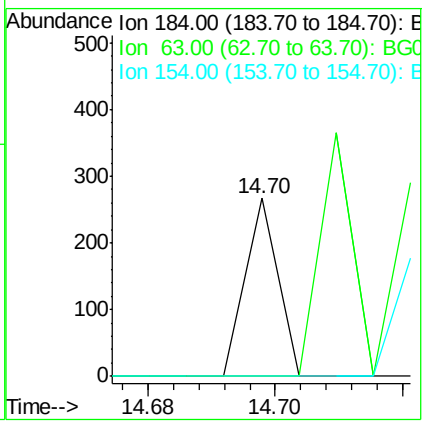


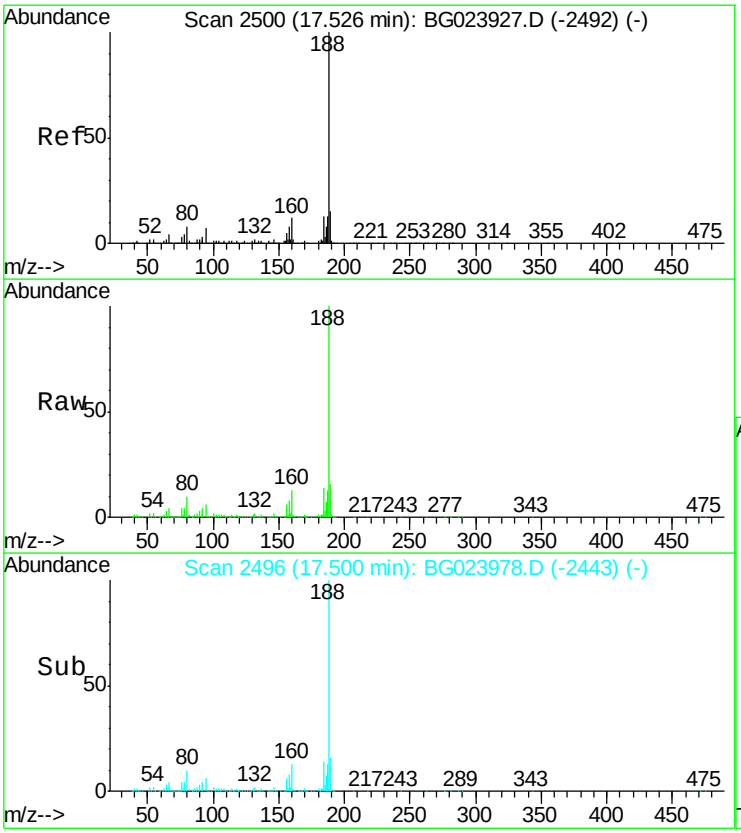
#53
2,4-Dinitrophenol
Concen: 6.55 ng
RT: 14.70 min Scan# 2019
Delta R.T. -0.17 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:184 Resp: 94

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.6	89.4#
154	0.0	67.4	101.0#

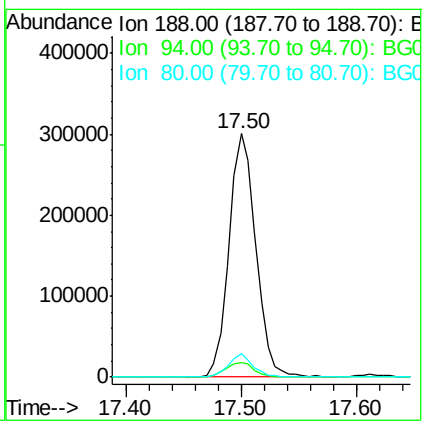


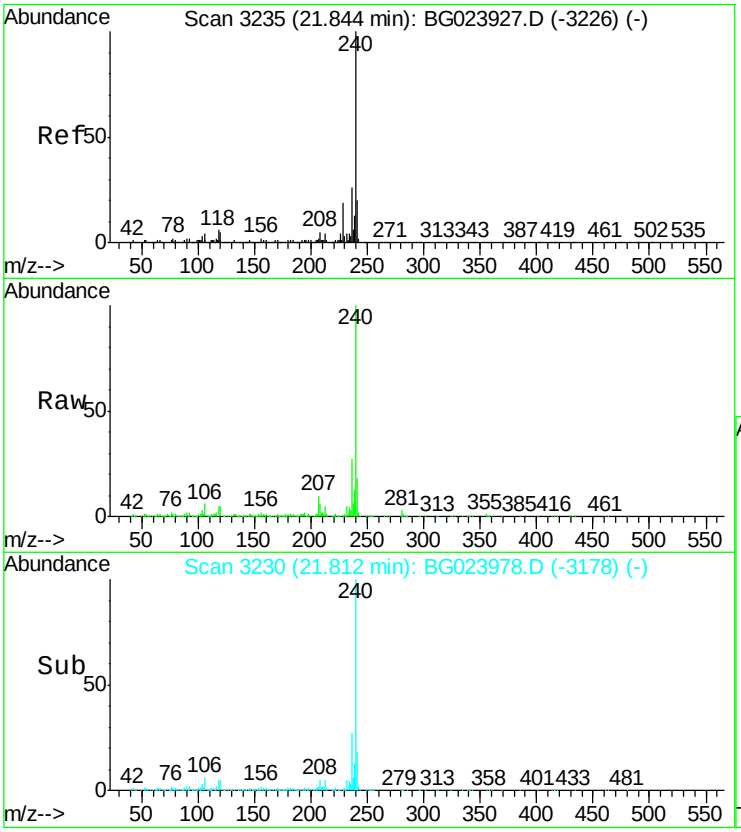


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:188 Resp: 482574

Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.2	7.8
80	9.7	7.2	10.8



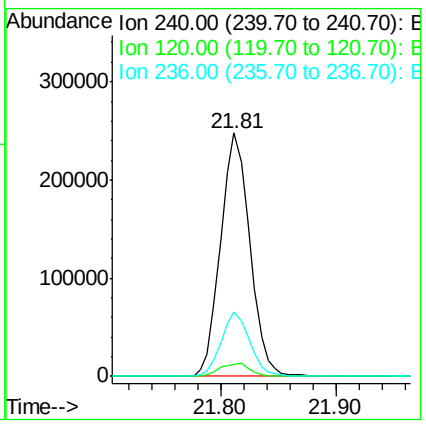


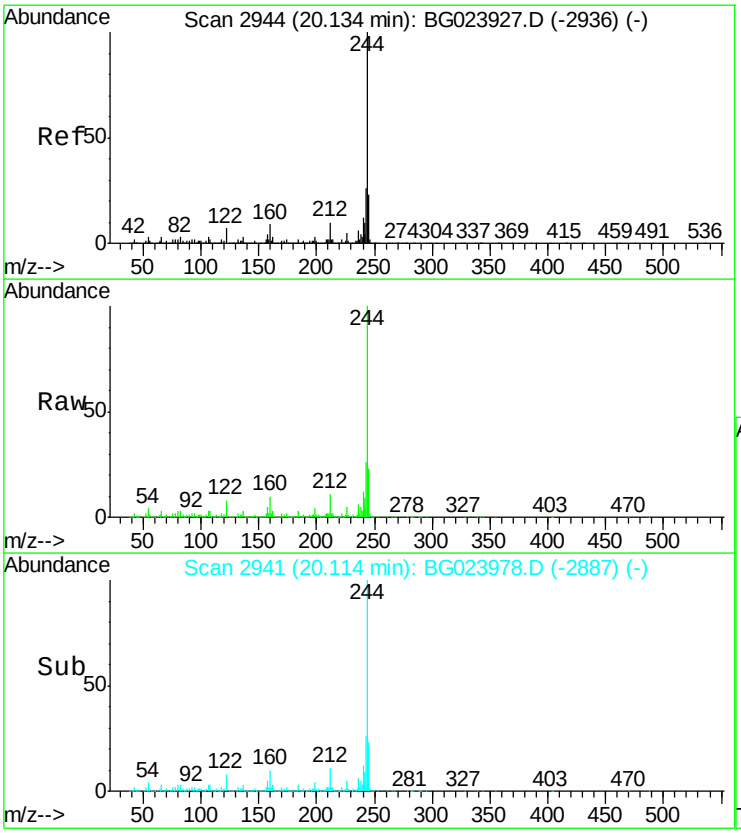
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.81 min Scan# 3230
Delta R.T. 0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:240 Resp: 435466

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.1	6.1
236	26.6	21.1	31.7

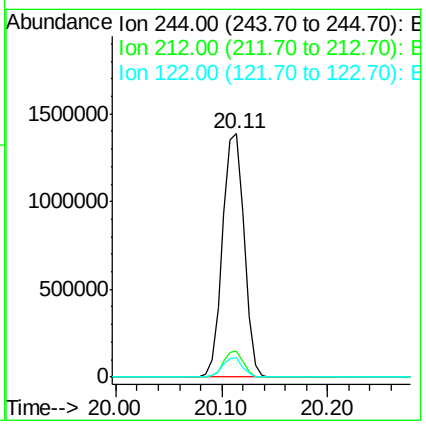


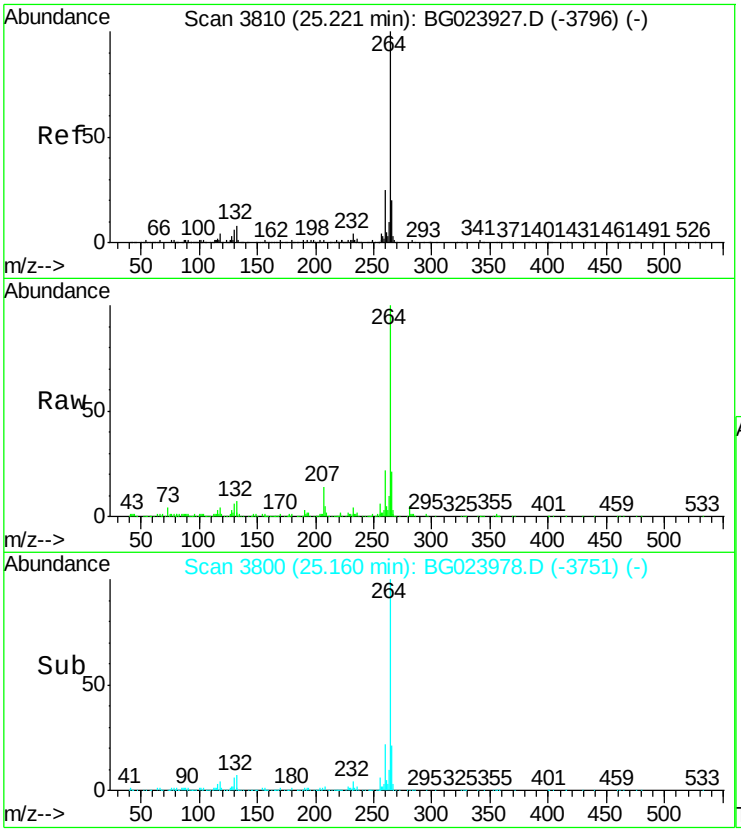


#78
Terphenyl-d14
Concen: 102.82 ng
RT: 20.11 min Scan# 2941
Delta R.T. 0.02 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Tgt Ion:244 Resp: 1965989

Ion	Ratio	Lower	Upper
244	100		
212	10.7	10.8	16.2#
122	7.8	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BG023978.D
Acq: 9 Sep 2016 17:40

Instrument :
BNA_G
ClientSampleId :
SOIL-CUTTINGS

Tgt Ion:264 Resp: 400698

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.4	27.6
265	21.3	18.9	28.3