Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021664.D
Acq On : 14 Apr 2016 22:33
Operator : UM/SJ
Sample : H2517-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S8-0568

Quant Time: Apr 15 00:56:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	35312	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	167558	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	108036	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	218033	20.00	ng	0.00
75) Chrysene-d12	21.84	240	253600	20.00	ng	0.00
86) Perylene-d12	25.17	264	248206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	140841	66.42	ng	0.00
7) Phenol-d6	7.36	99	130002	41.04	ng	0.00
23) Nitrobenzene-d5	9.38	82	291387	89.38	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	158643	136.25	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	632217	85.74	ng	0.00
78) Terphenyl-d14	20.15	244	786288	77.36	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.30	122	56	4.30	ng	# 56
53) 2,4-Dinitrophenol	14.94	184	69	7.55	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.92	198	520	5.91	ng	# 1

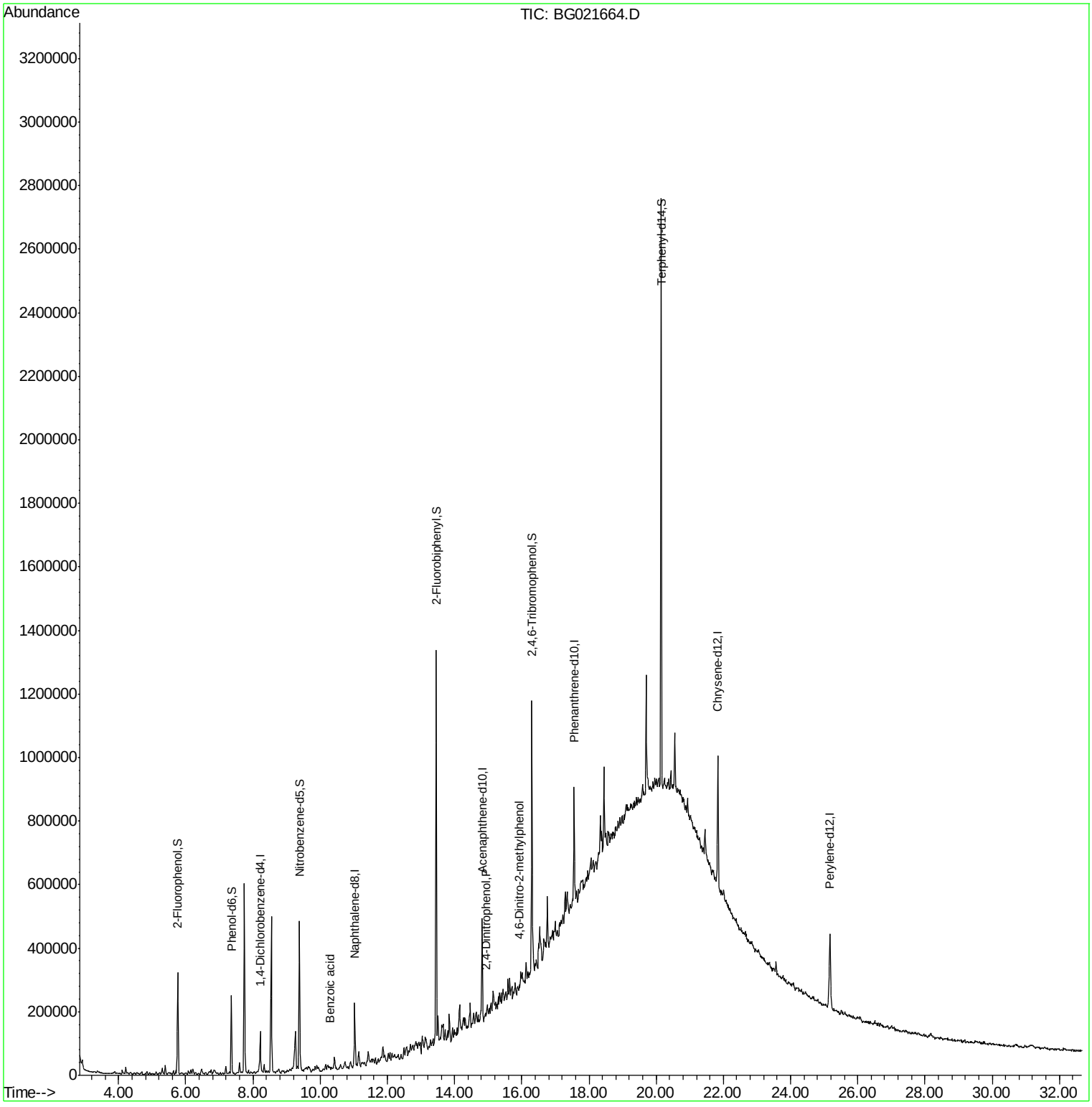
(#) = qualifier out of range (m) = manual integration (+) = signals summed

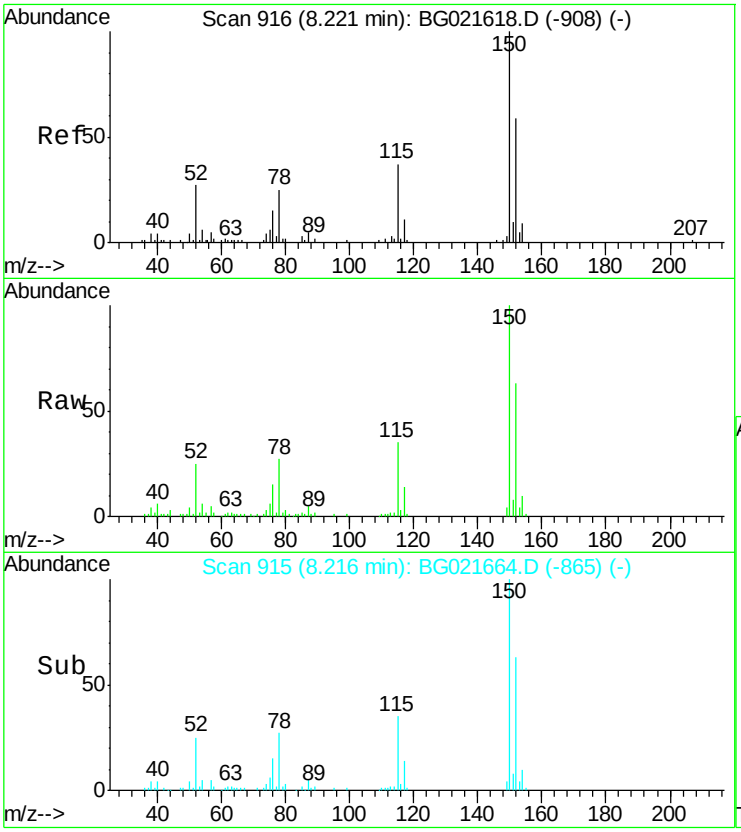
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
Data File : BG021664.D
Acq On : 14 Apr 2016 22:33
Operator : UM/SJ
Sample : H2517-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S8-0568

Quant Time: Apr 15 00:56:15 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration



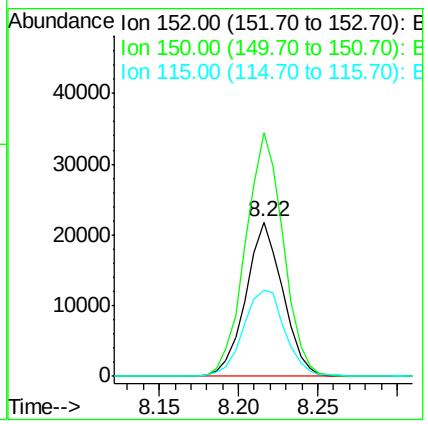


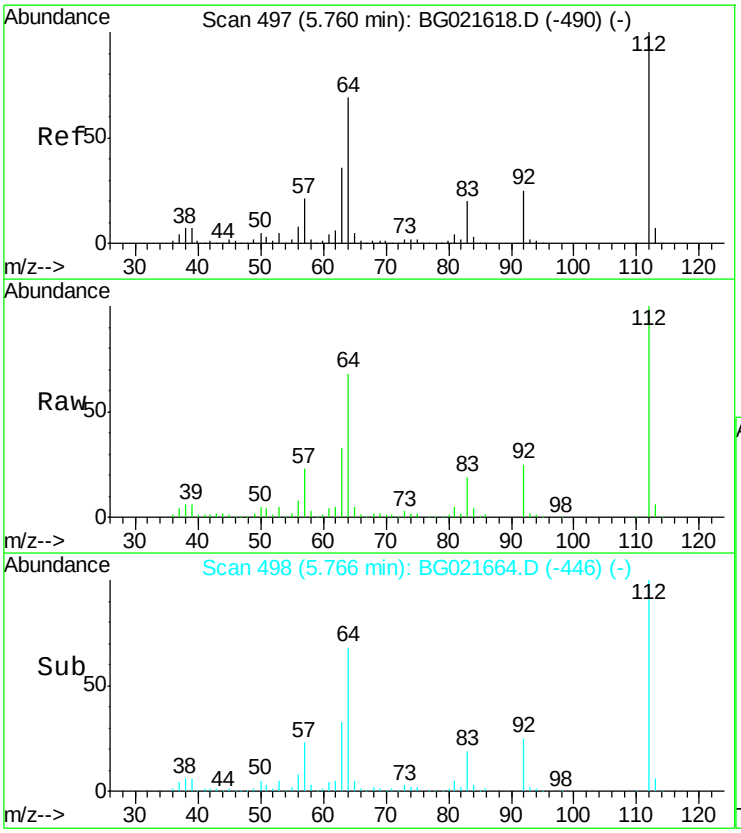
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.22 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion:152 Resp: 35312

Ion	Ratio	Lower	Upper
152	100		
150	157.7	130.1	195.1
115	55.8	62.2	93.2#

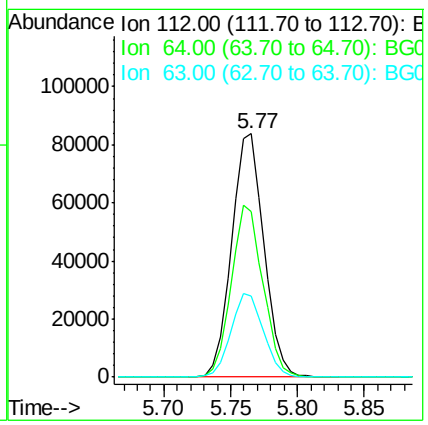


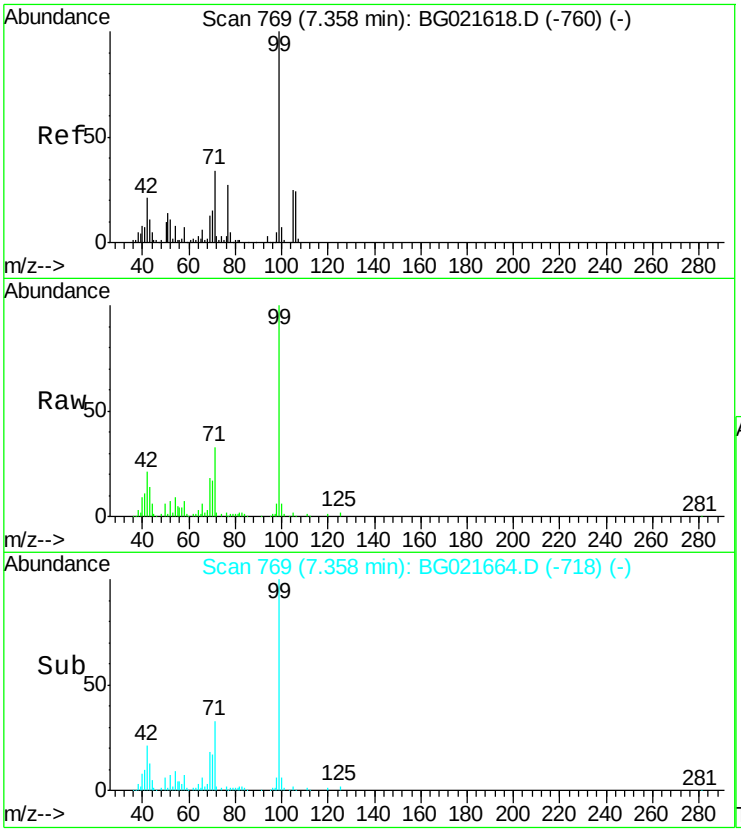


#5
2-Fluorophenol
Concen: 66.42 ng
RT: 5.77 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:112 Resp: 140841

Ion	Ratio	Lower	Upper
112	100		
64	67.9	51.1	76.7
63	33.2	24.6	37.0



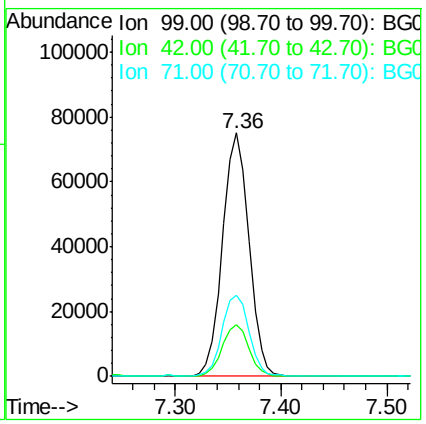


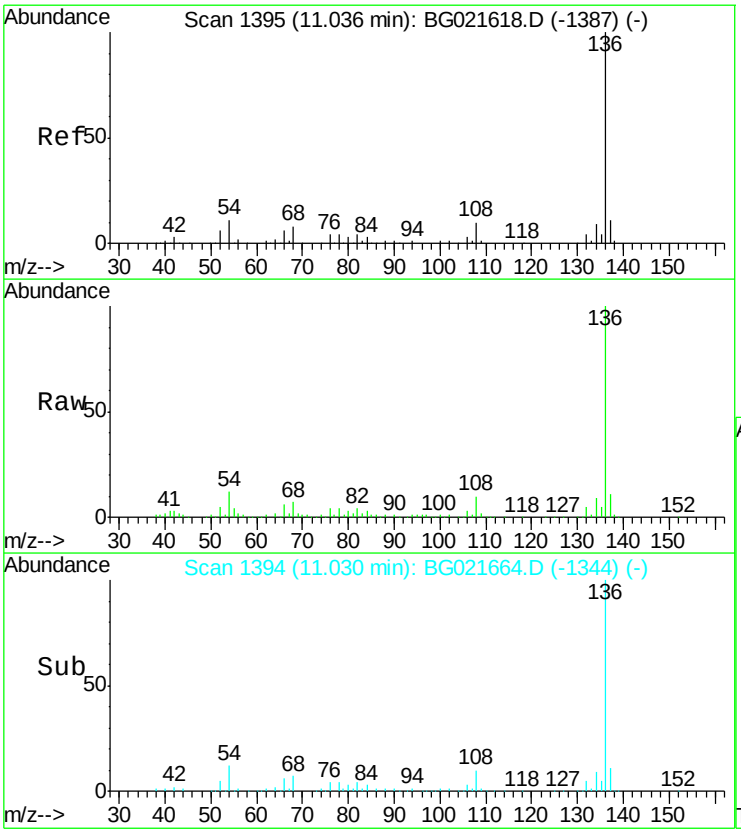
#7
Phenol-d6
Concen: 41.04 ng
RT: 7.36 min Scan# 769
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion: 99 Resp: 130002

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.4	24.6
71	33.2	25.0	37.4

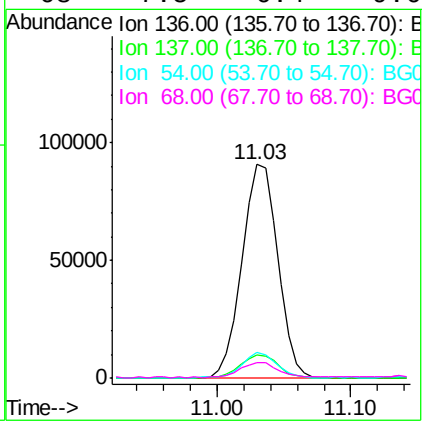


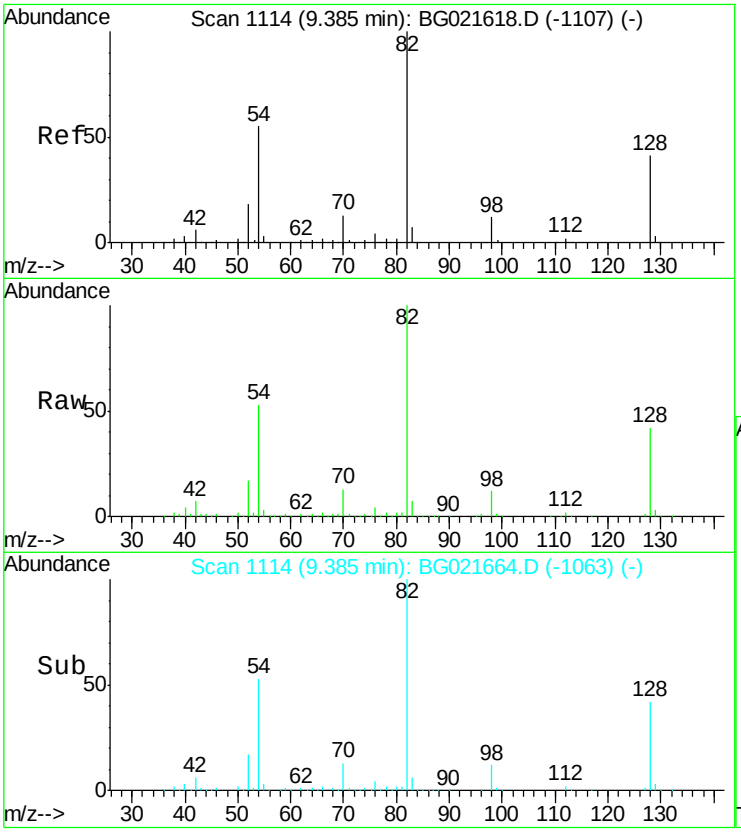


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:136 Resp: 167558

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	12.2	9.6	14.4
68	7.5	6.4	9.6



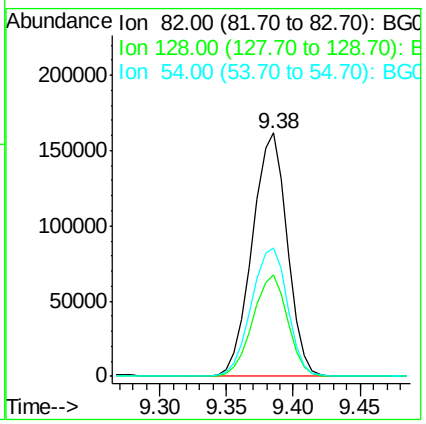


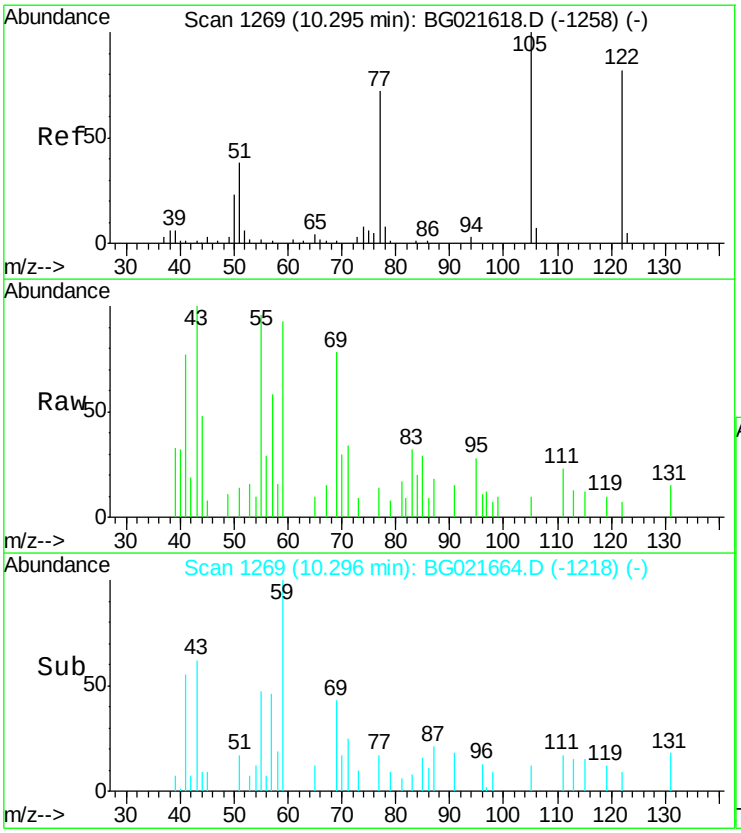
#23
Nitrobenzene-d5
Concen: 89.38 ng
RT: 9.38 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion: 82 Resp: 291387

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.0
54	52.8	46.1	69.1

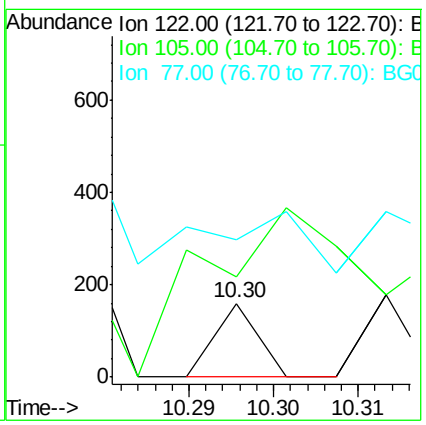


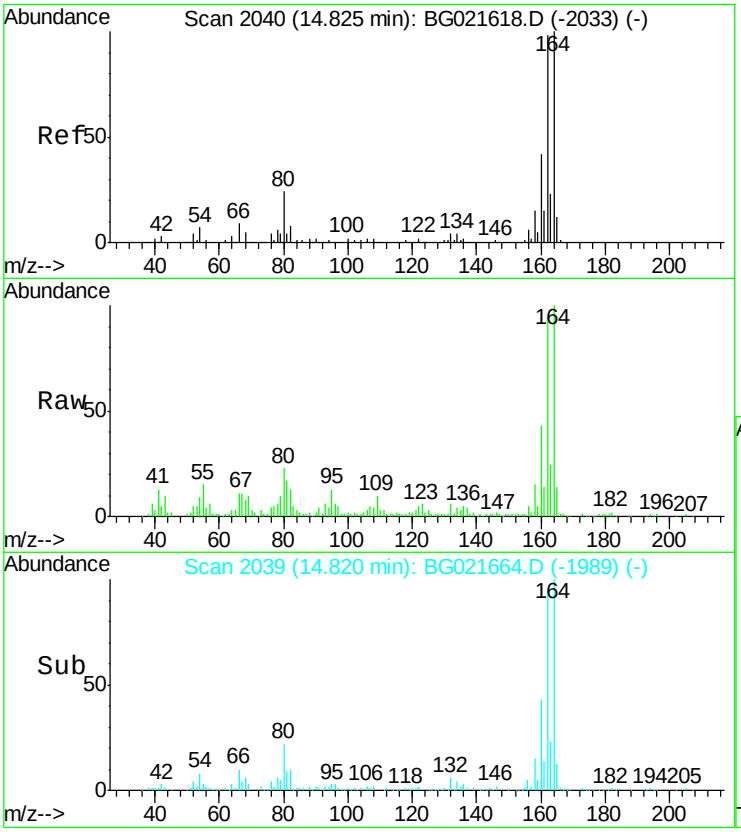


#32
Benzoic acid
Concen: 4.30 ng
RT: 10.30 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	135.8	104.5	144.5
77	186.2	79.9	119.9#



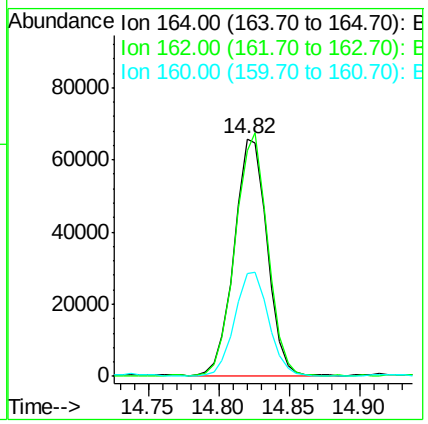


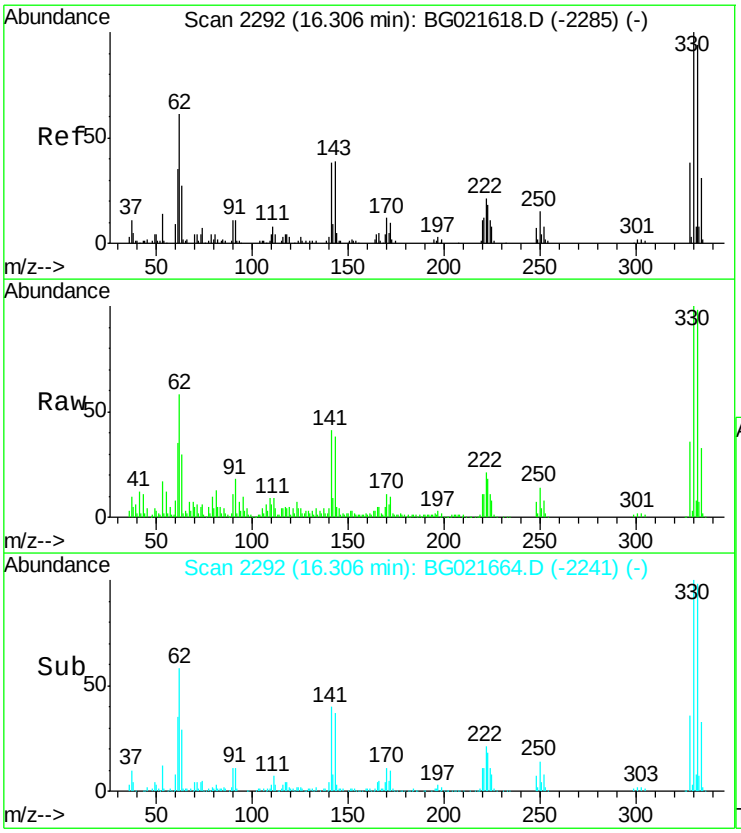
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.82 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion:164 Resp: 108036

Ion	Ratio	Lower	Upper
164	100		
162	95.1	78.0	117.0
160	43.4	32.9	49.3

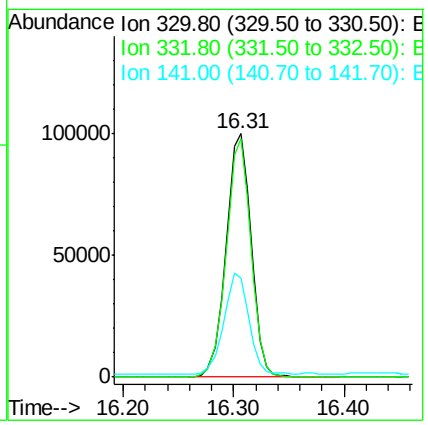


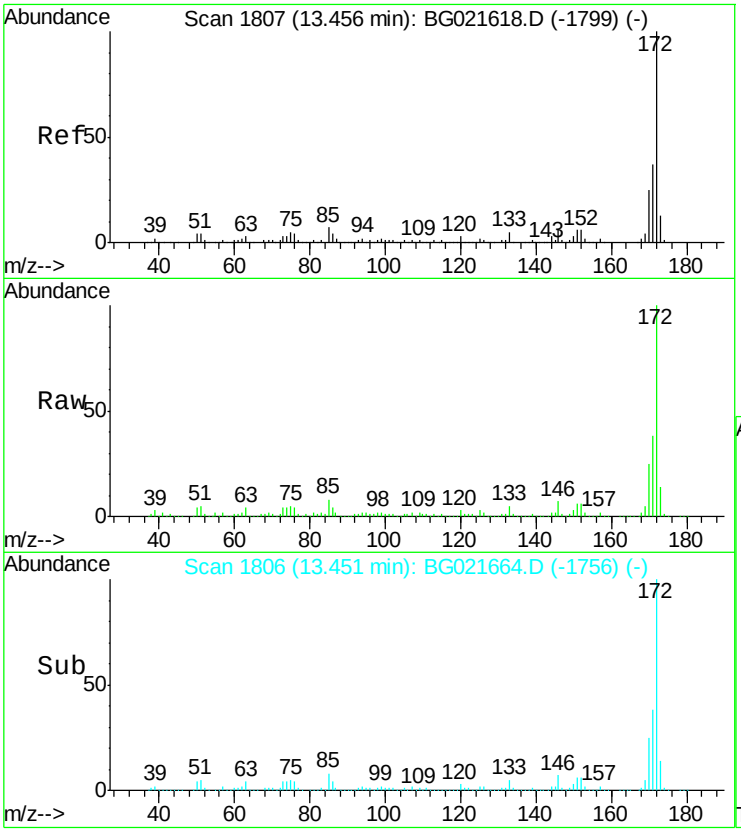


#41
2,4,6-Tribromophenol
Concen: 136.25 ng
RT: 16.31 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:330 Resp: 158643

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.0	117.0
141	40.8	33.8	50.8



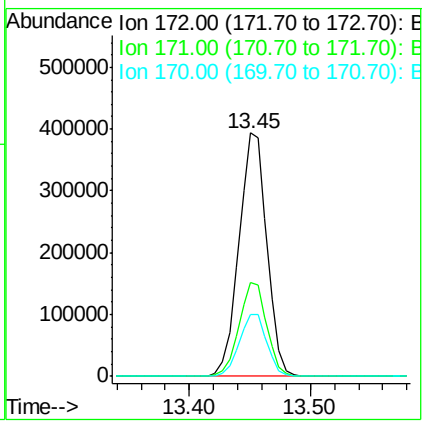


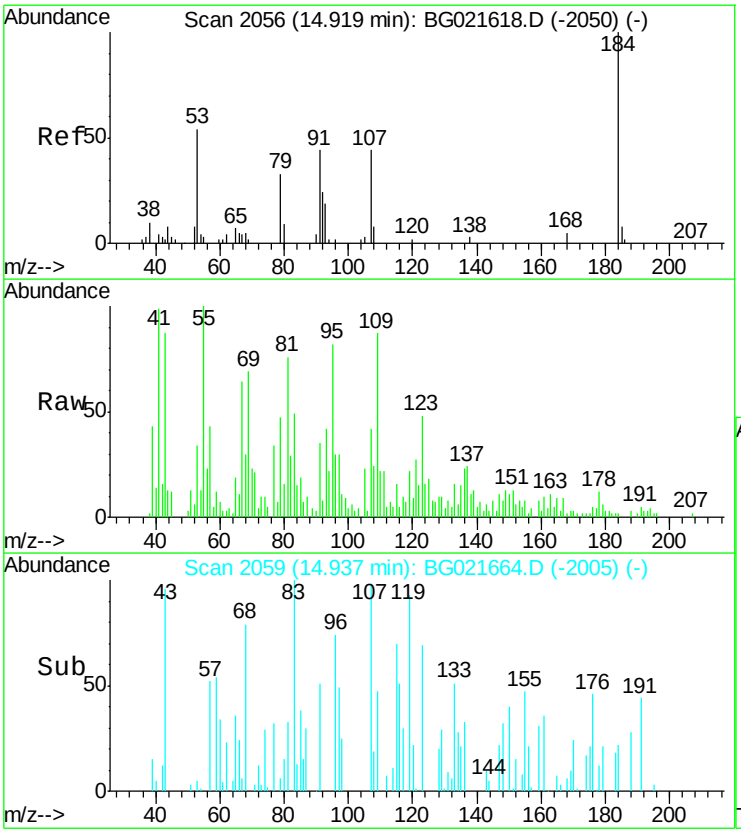
#44
2-Fluorobiphenyl
Concen: 85.74 ng
RT: 13.45 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion:172 Resp: 632217

Ion	Ratio	Lower	Upper
172	100		
171	38.5	27.8	41.6
170	25.5	19.6	29.4

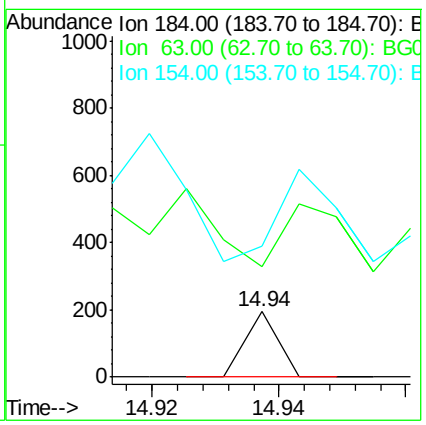


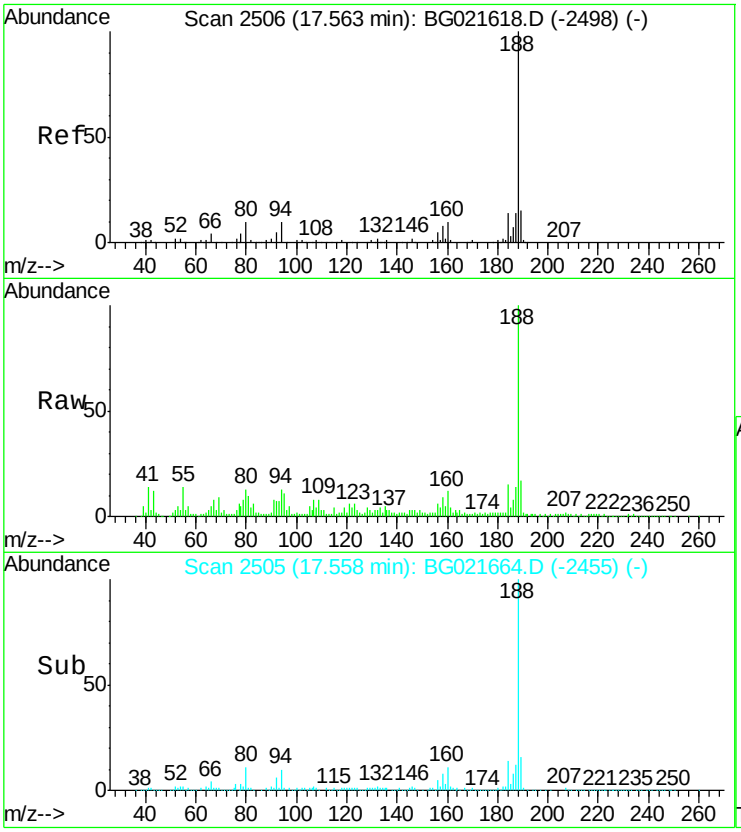


#53
2,4-Dinitrophenol
Concen: 7.55 ng
RT: 14.94 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:184 Resp: 69

Ion	Ratio	Lower	Upper
184	100		
63	168.2	57.3	85.9#
154	199.0	55.2	82.8#



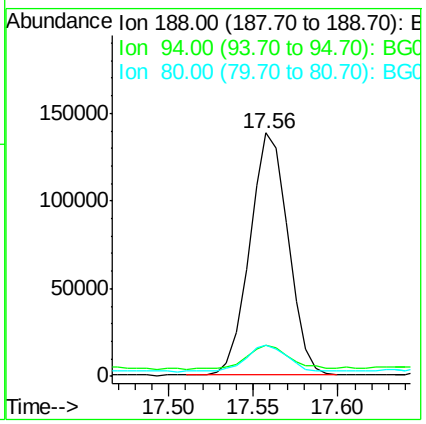


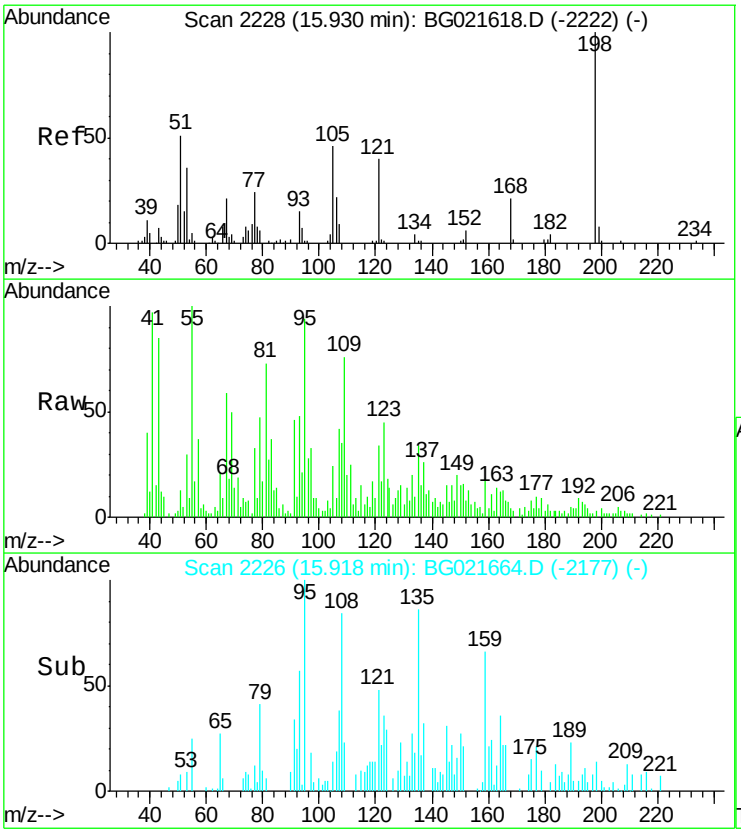
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion:188 Resp: 218033

Ion	Ratio	Lower	Upper
188	100		
94	12.9	7.5	11.3#
80	12.9	8.6	13.0

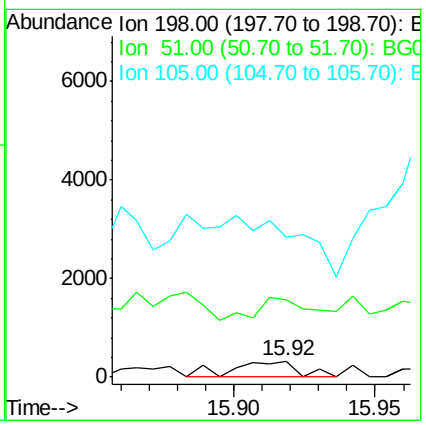


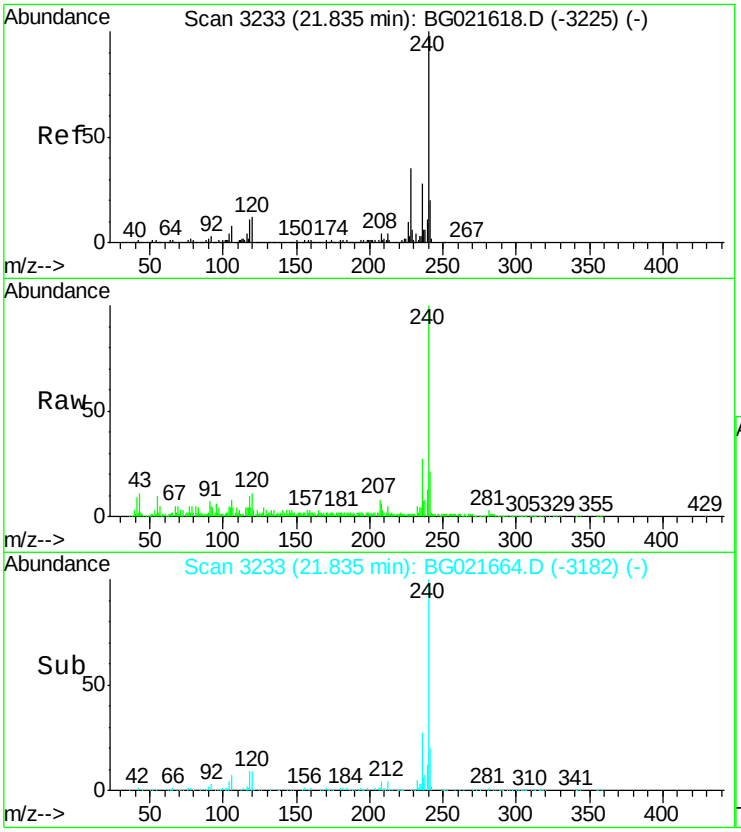


#64
4,6-Dinitro-2-methylphenol
Concen: 5.91 ng
RT: 15.92 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:198 Resp: 520

Ion	Ratio	Lower	Upper
198	100		
51	476.4	29.2	69.2#
105	861.9	24.0	64.0#



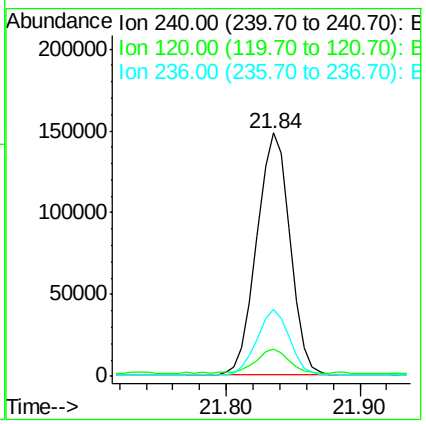


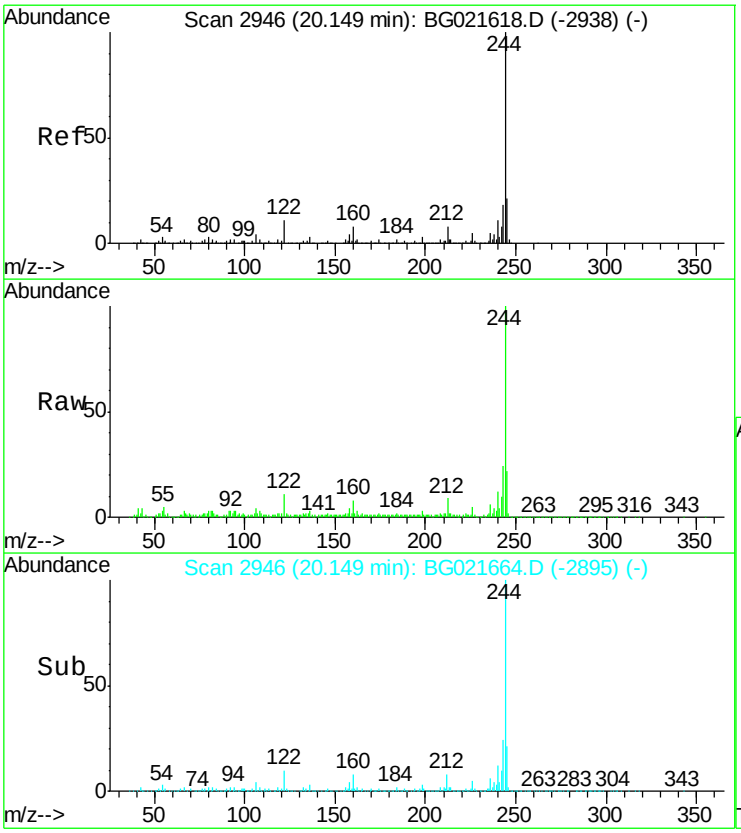
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion:240 Resp: 253600

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.4	12.6
236	27.4	19.6	29.4

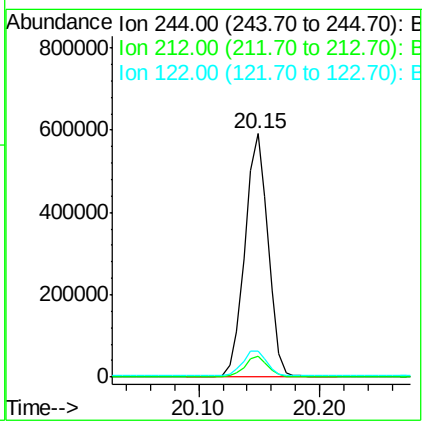


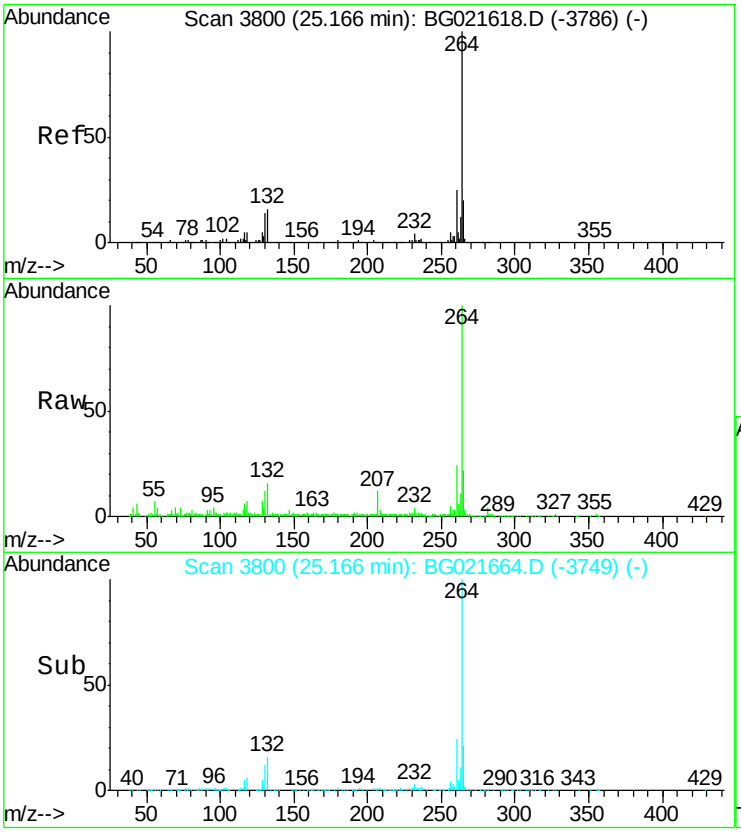


#78
Terphenyl-d14
Concen: 77.36 ng
RT: 20.15 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Tgt Ion:244 Resp: 786288

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.8	8.6	12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.17 min Scan# 3800
Delta R.T. 0.00 min
Lab File: BG021664.D
Acq: 14 Apr 2016 22:33

Instrument :
BNA_G
ClientSampleId :
S8-0568

Tgt Ion:264 Resp: 248206

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.4
265	22.1	17.8	26.8