Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071116\
Data File : BG023006.D
Acq On : 11 Jul 2016 18:38
Operator : UM/SJ
Sample : H3927-04DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S22-0004DL

Quant Time: Jul 12 04:13:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 07 16:51:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	109275	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	516684	20.00	ng		0.00
38) Acenaphthene-d10	14.80	164	389060	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	900657	20.00	ng		0.00
75) Chrysene-d12	21.87	240	1006236	20.00	ng		0.02
86) Perylene-d12	25.24	264	1014670	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	103864	15.55	ng		0.00
7) Phenol-d6	7.31	99	101238	9.67	ng		0.00
23) Nitrobenzene-d5	9.33	82	293090	24.29	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	202771	29.00	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	650411	26.33	ng		0.00
78) Terphenyl-d14	20.16	244	980998	21.03	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	11.03	128	651223	24.76	ng		98
37) 2-Methylnaphthalene	12.63	142	149948	7.21	ng		96
49) Dimethylphthalate	14.24	163	64061	2.02	ng	#	95

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

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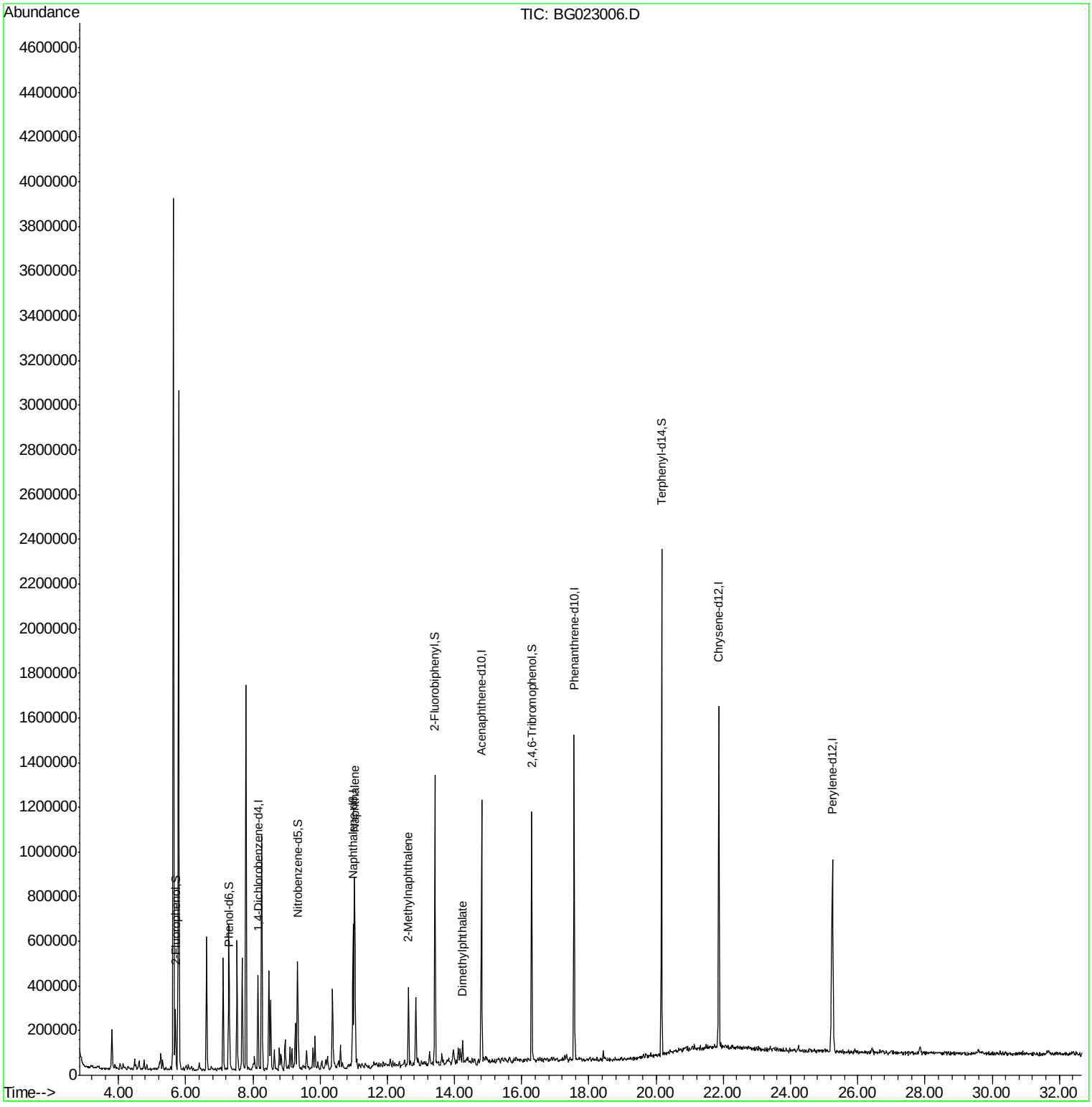
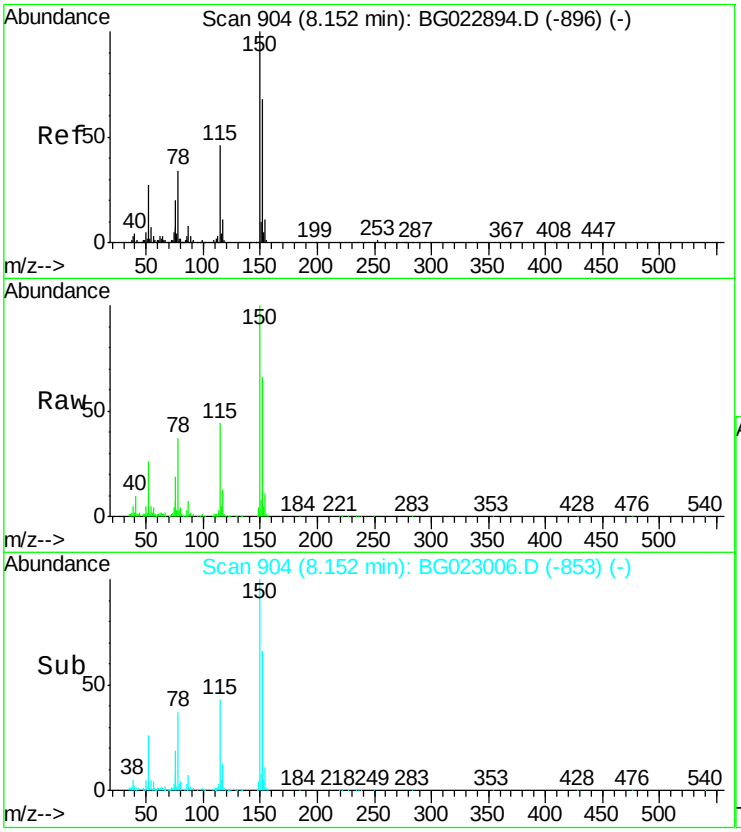


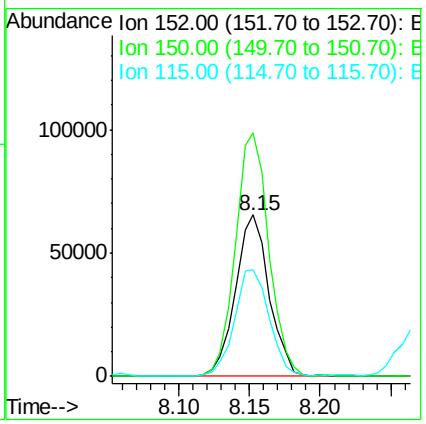


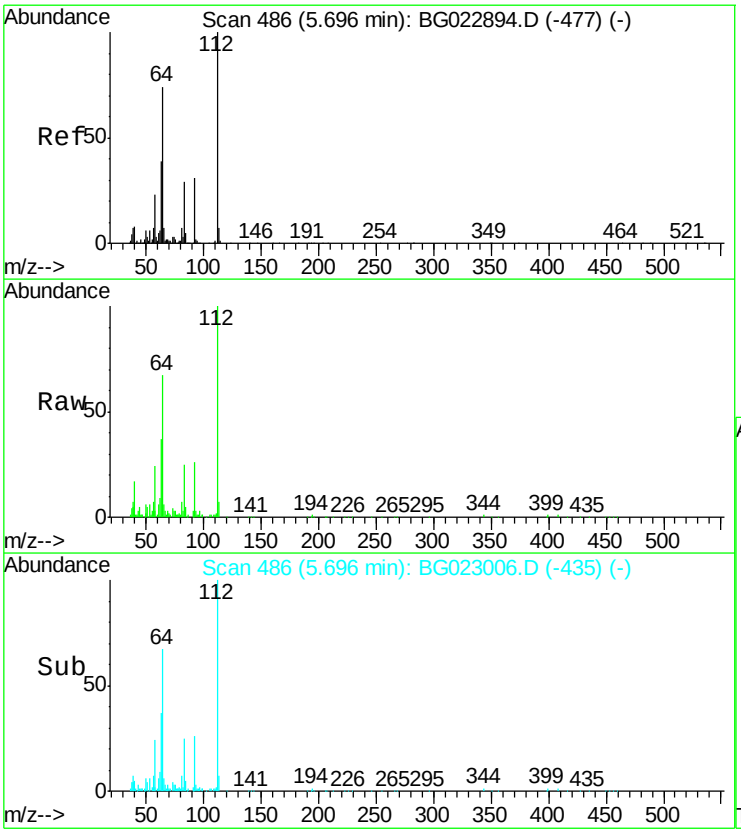
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.15 min Scan# 904
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion:152 Resp: 109275

Ion	Ratio	Lower	Upper
152	100		
150	150.9	144.7	217.1
115	66.0	64.0	96.0

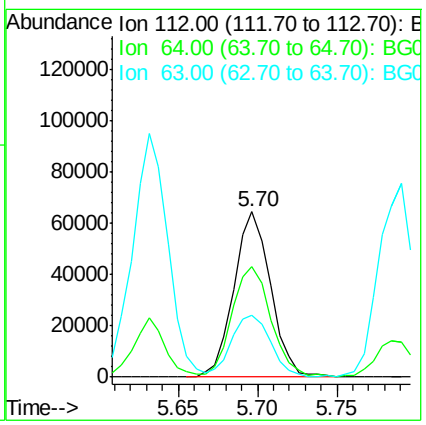


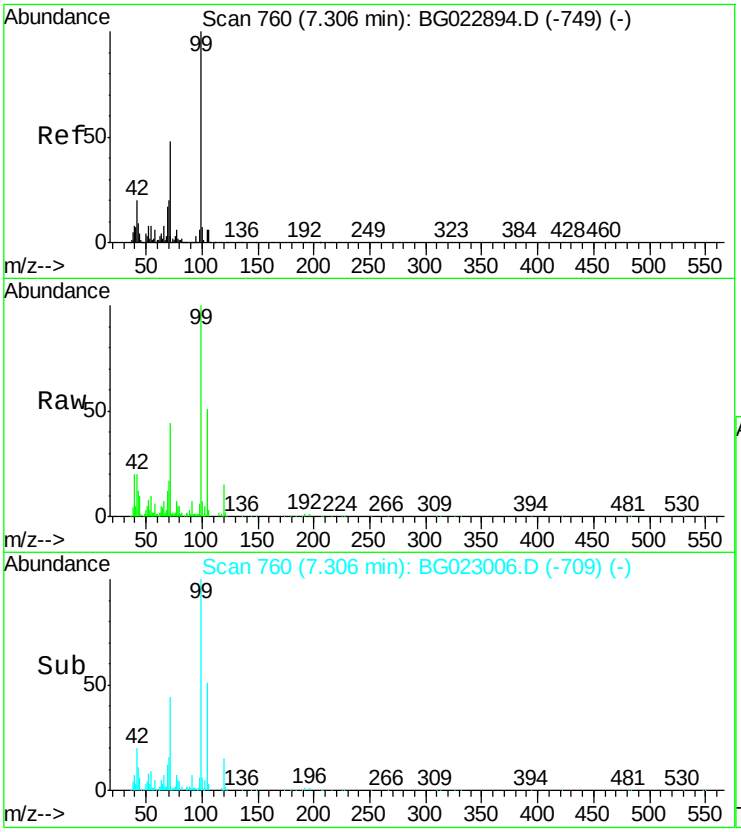


#5
2-Fluorophenol
Concen: 15.55 ng
RT: 5.70 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:112 Resp: 103864

Ion	Ratio	Lower	Upper
112	100		
64	67.2	59.0	88.4
63	37.1	37.8	56.8#



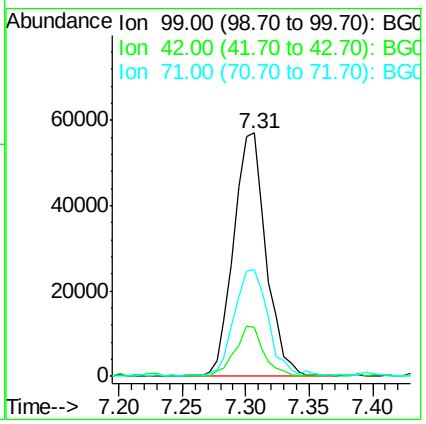


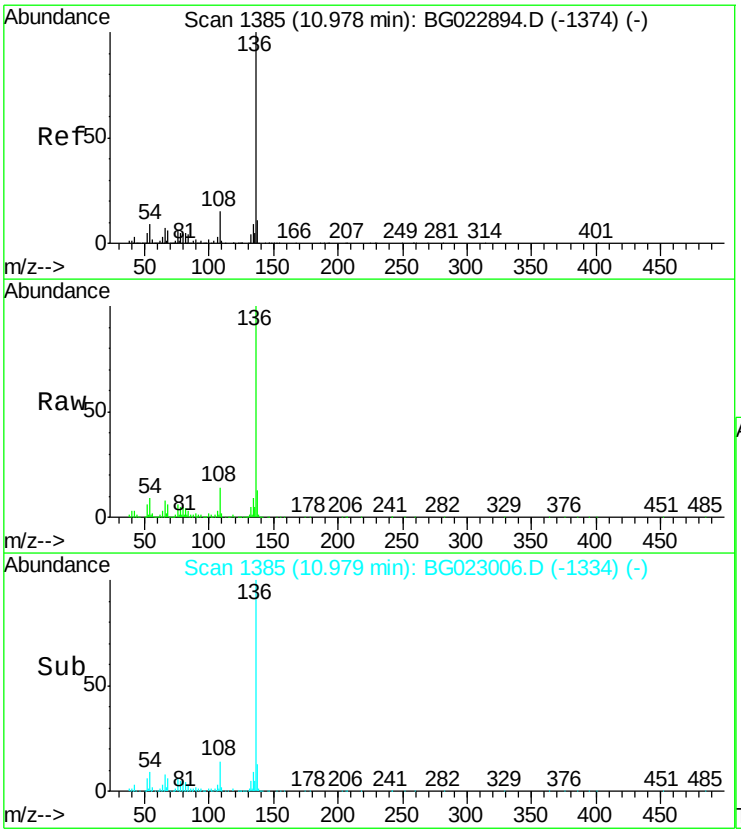
#7
Phenol-d6
Concen: 9.67 ng
RT: 7.31 min Scan# 760
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion: 99 Resp: 101238

Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.8	26.6
71	43.9	41.5	62.3

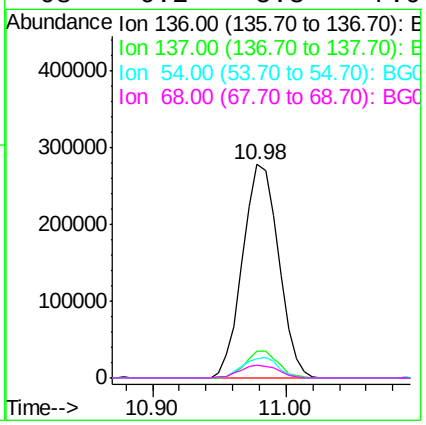


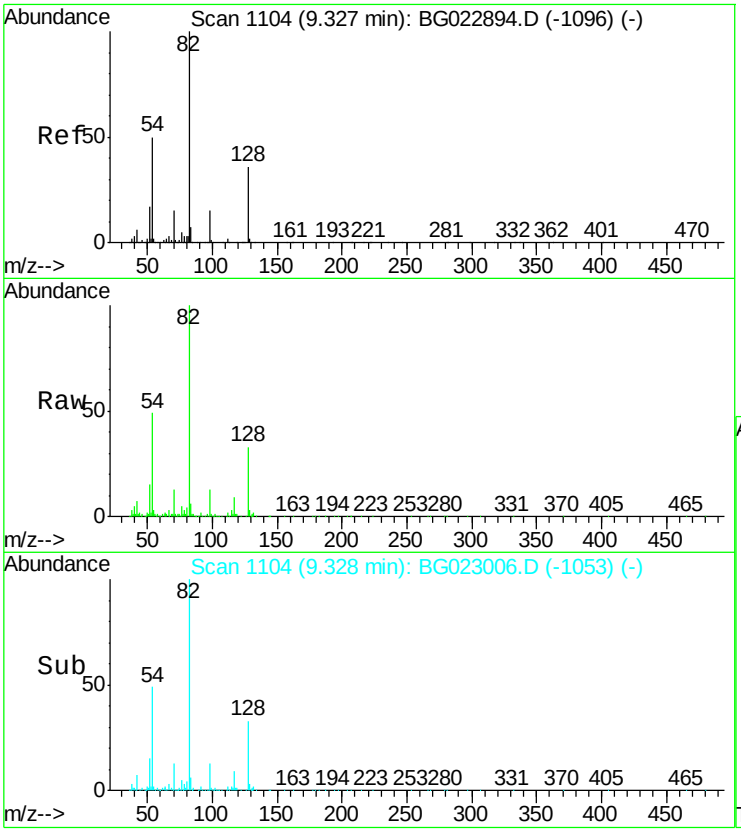


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:136 Resp: 516684

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.6	14.4
54	9.1	7.3	10.9
68	6.2	5.3	7.9



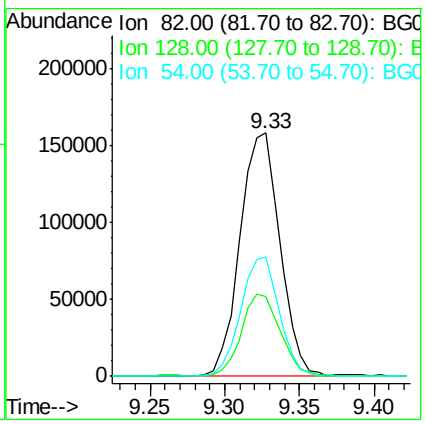


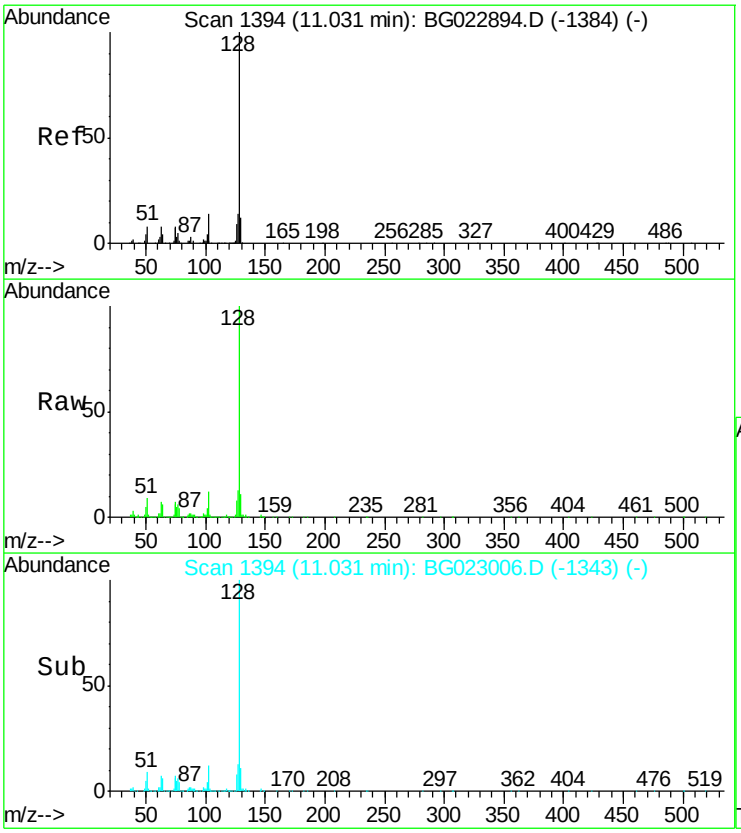
#23
Nitrobenzene-d5
Concen: 24.29 ng
RT: 9.33 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion: 82 Resp: 293090

Ion	Ratio	Lower	Upper
82	100		
128	32.8	24.4	36.6
54	49.1	41.4	62.0

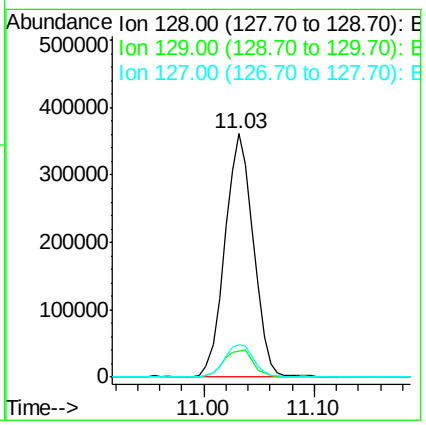


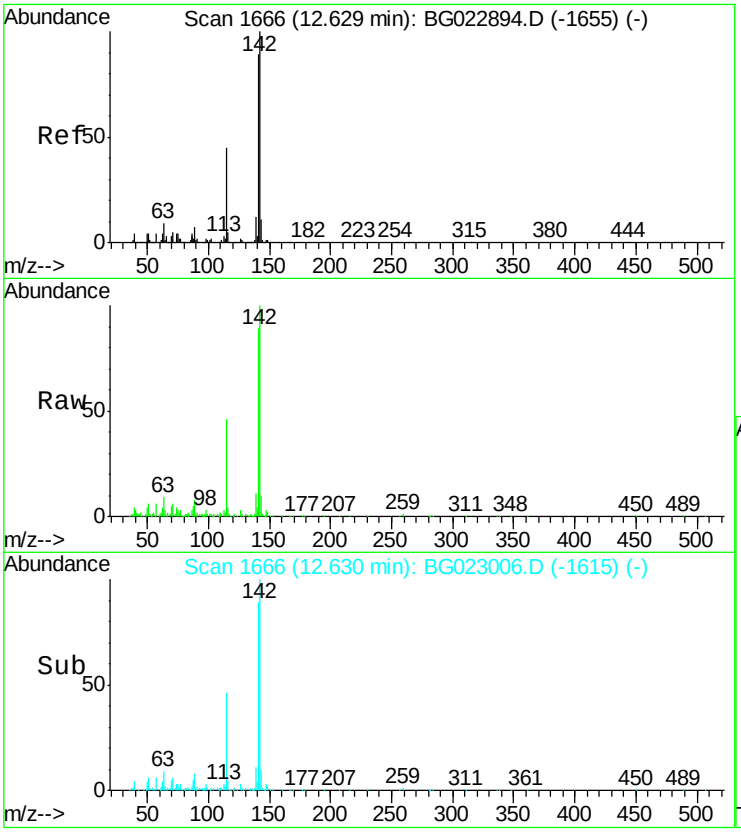


#31
Naphthalene
Concen: 24.76 ng
RT: 11.03 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:128 Resp: 651223

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.3	11.3	16.9



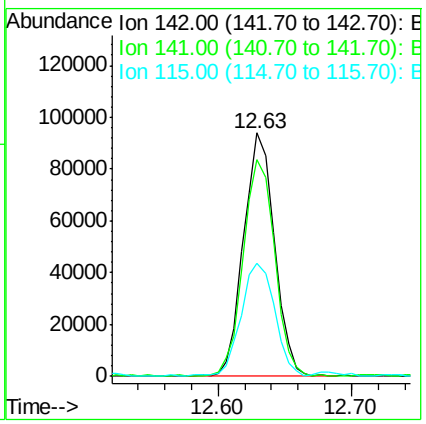


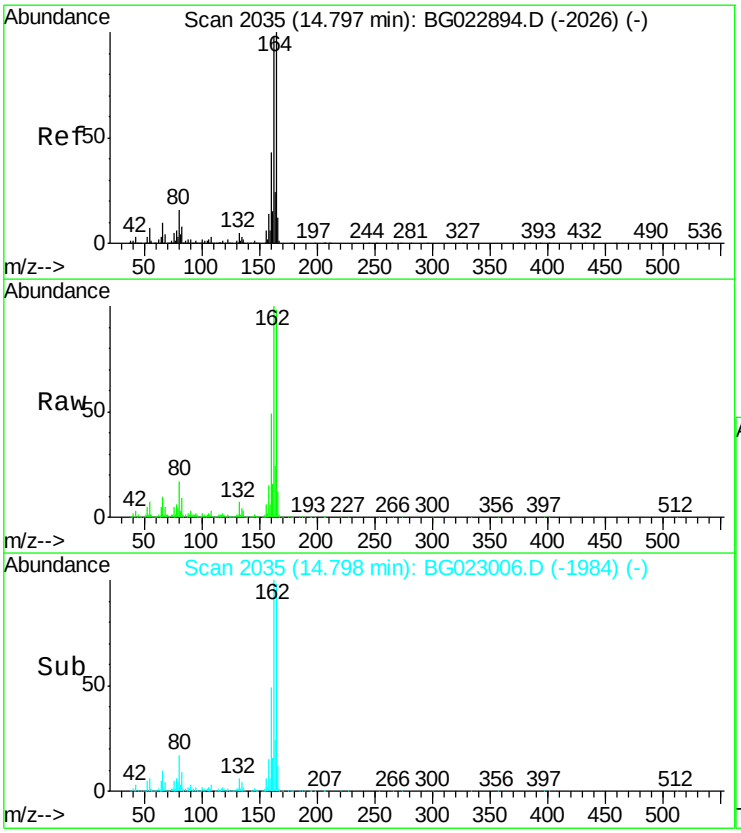
#37
2-Methylnaphthalene
Concen: 7.21 ng
RT: 12.63 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion:142 Resp: 149948

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.2
115	46.4	41.7	62.5

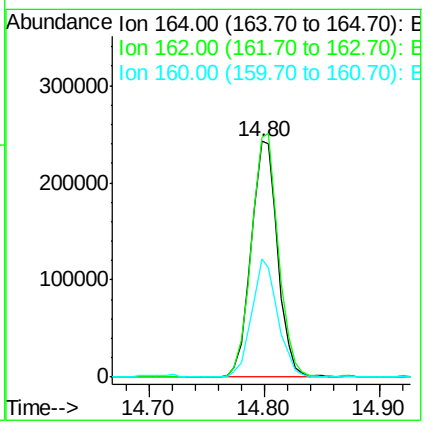


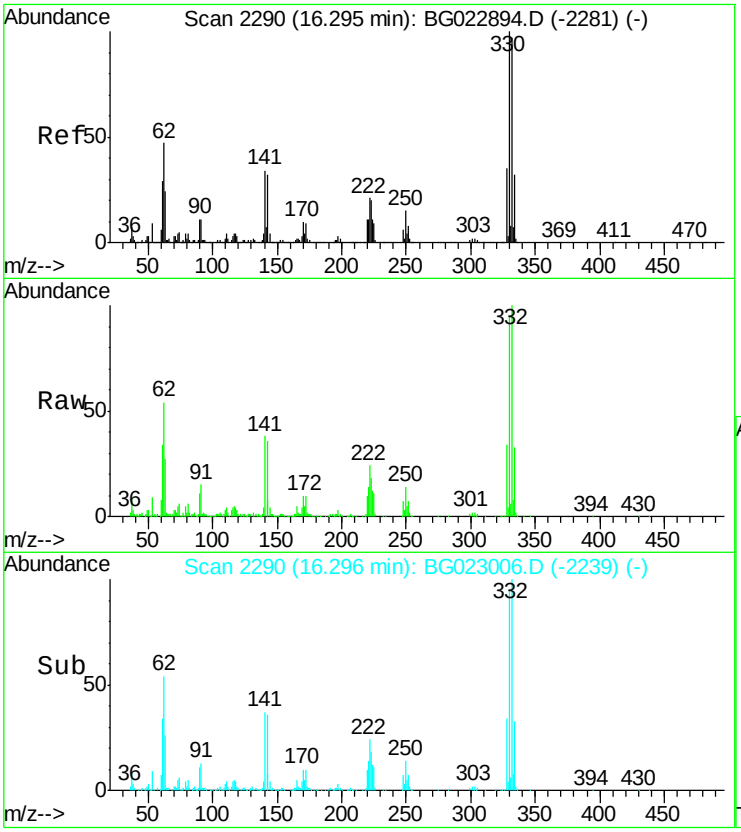


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:164 Resp: 389060

Ion	Ratio	Lower	Upper
164	100		
162	101.5	87.7	131.5
160	50.0	37.2	55.8



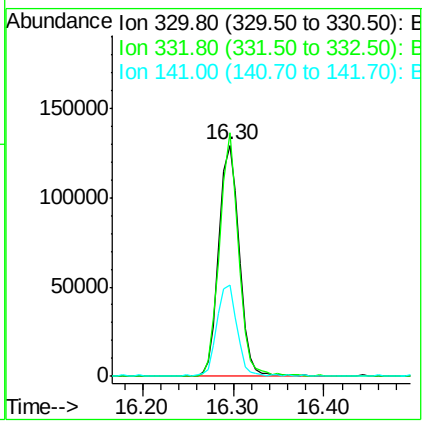


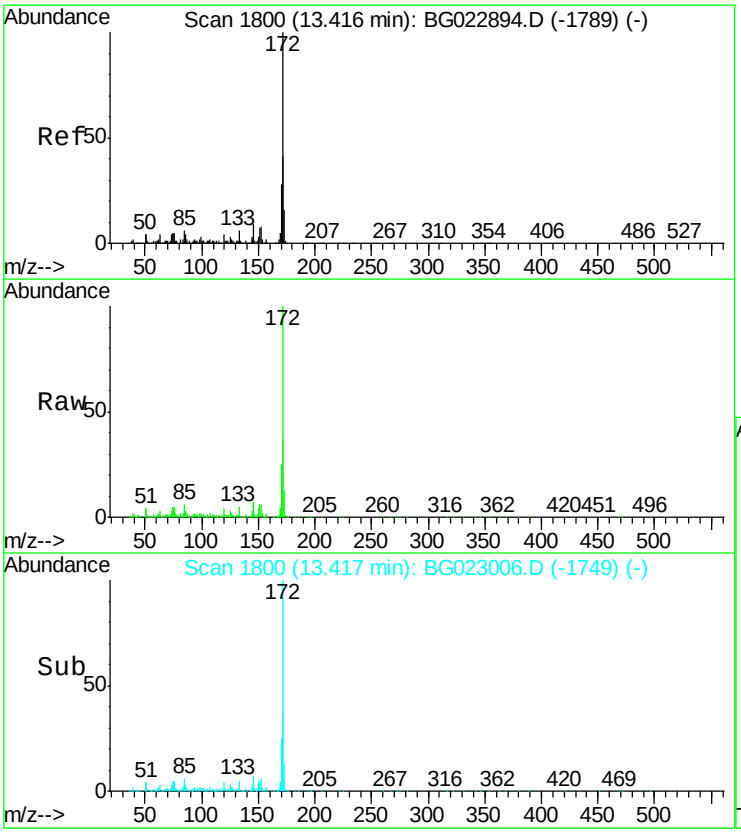
#41
2,4,6-Tribromophenol
Concen: 29.00 ng
RT: 16.30 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion:330 Resp: 202771

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.4	116.2
141	38.8	31.7	47.5

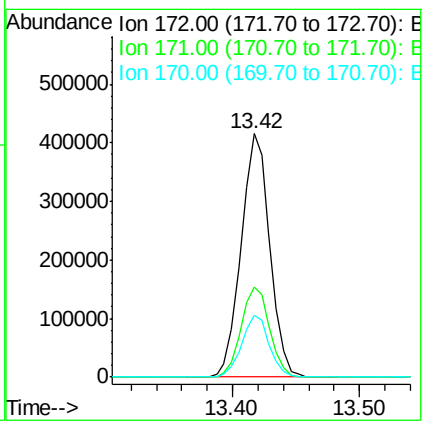


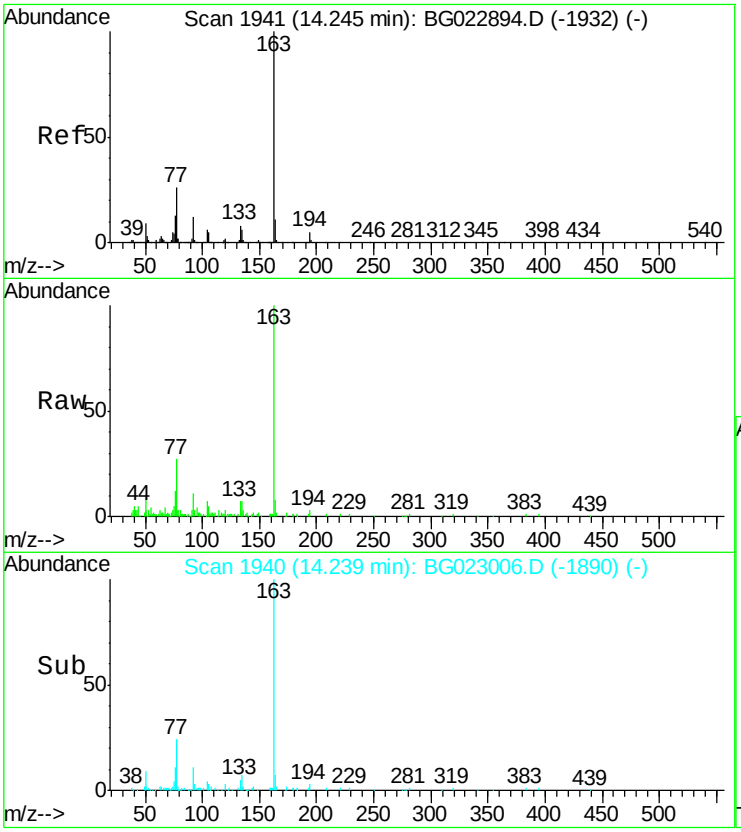


#44
2-Fluorobiphenyl
Concen: 26.33 ng
RT: 13.42 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:172 Resp: 650411

Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.6	47.4
170	25.3	21.3	31.9



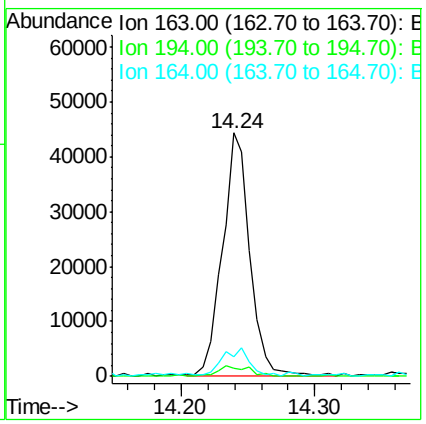


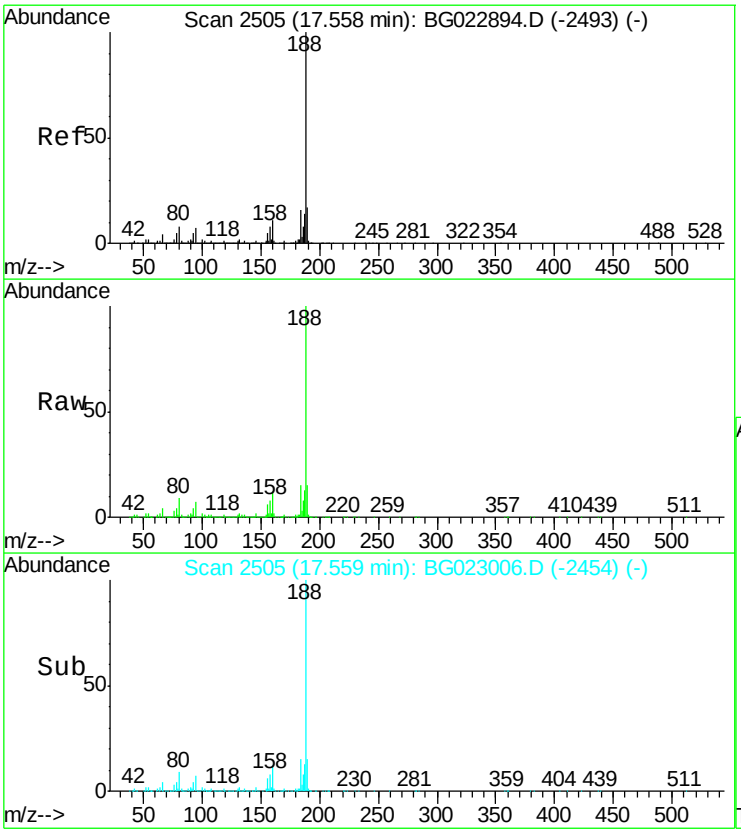
#49
Dimethylphthalate
Concen: 2.02 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion:163 Resp: 64061

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.6	5.4#
164	8.1	8.1	12.1

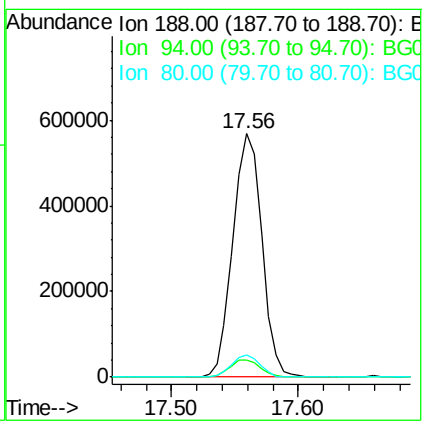


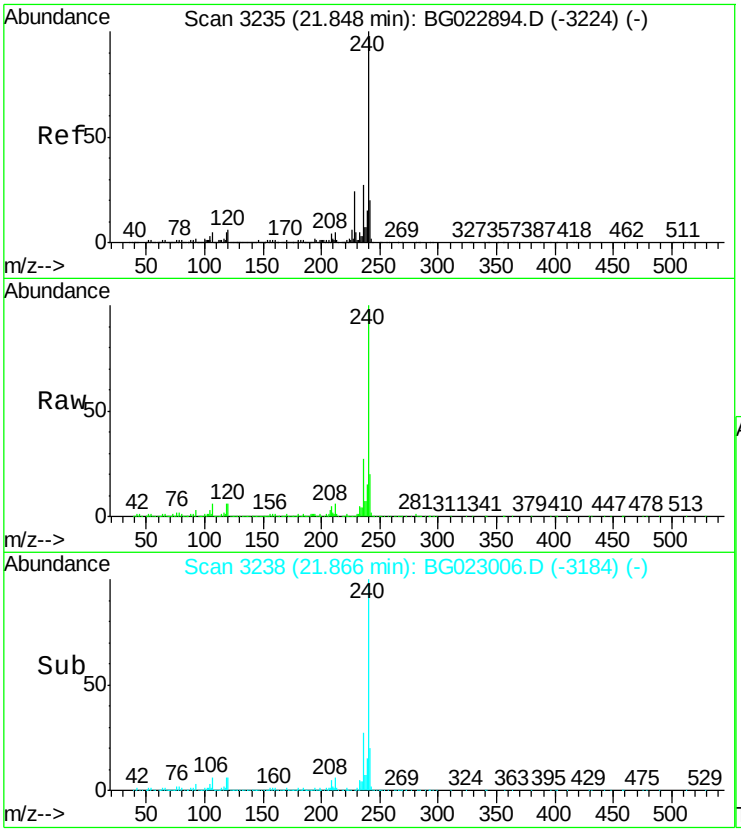


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. 0.00 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:188 Resp: 900657

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.2	7.8
80	9.0	7.2	10.8



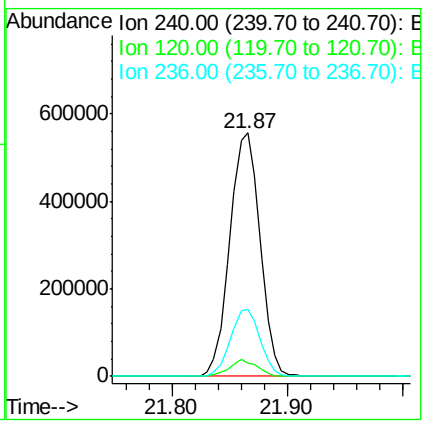


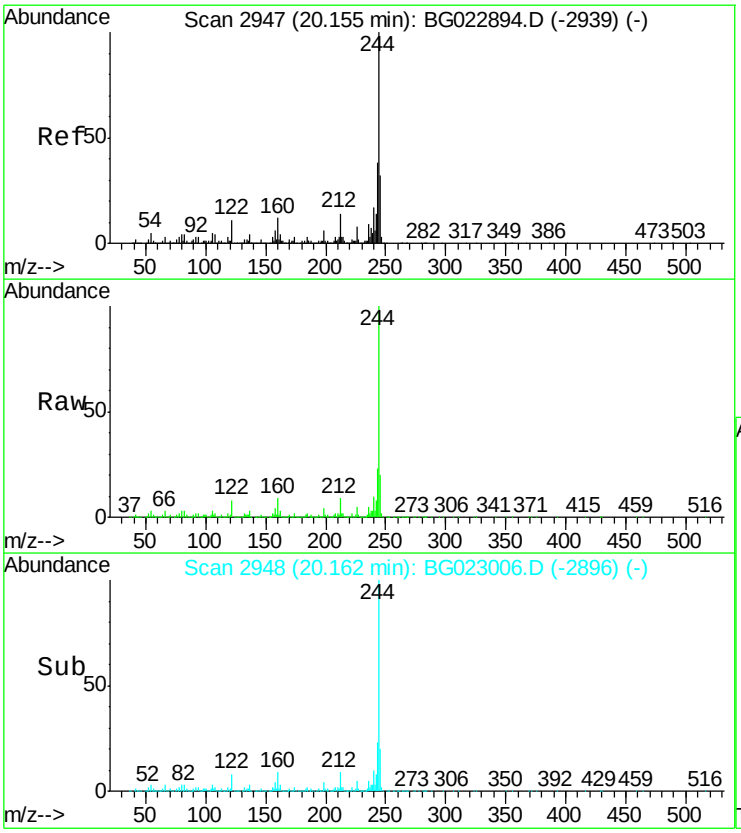
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion:240 Resp: 1006236

Ion	Ratio	Lower	Upper
240	100		
120	5.6	4.1	6.1
236	27.4	21.1	31.7

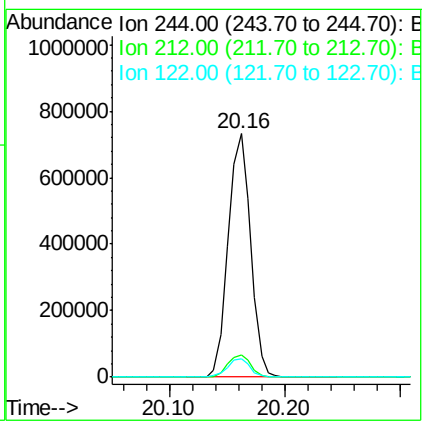


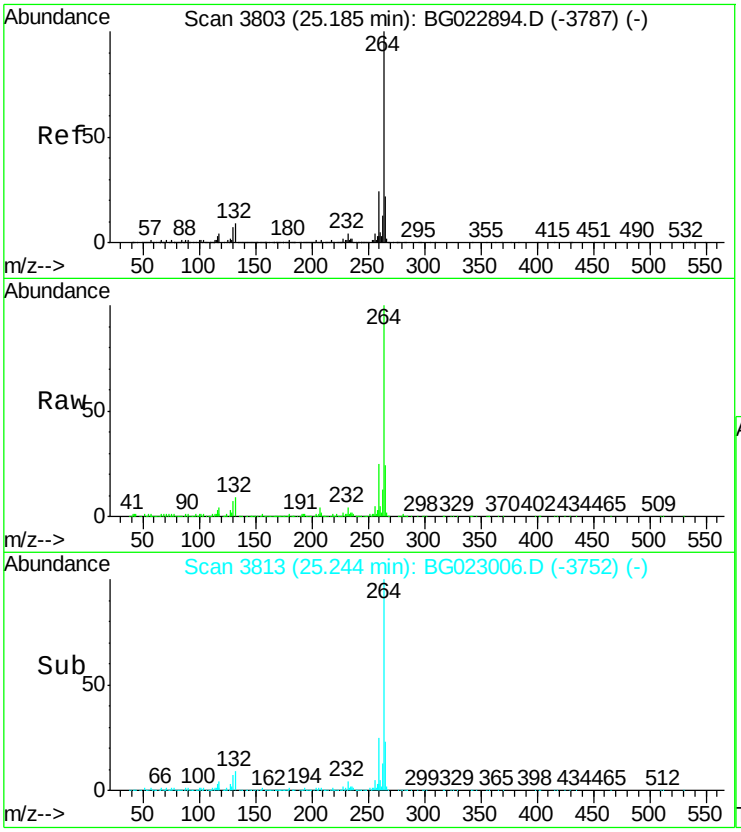


#78
Terphenyl-d14
Concen: 21.03 ng
RT: 20.16 min Scan# 2948
Delta R.T. 0.01 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Tgt Ion:244 Resp: 980998

Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.8	16.2#
122	7.5	8.0	12.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.24 min Scan# 3813
Delta R.T. 0.06 min
Lab File: BG023006.D
Acq: 11 Jul 2016 18:38

Instrument :
BNA_G
ClientSampleId :
S22-0004DL

Tgt Ion:264 Resp: 1014670

Ion	Ratio	Lower	Upper
264	100		
260	25.5	18.4	27.6
265	23.9	18.9	28.3