Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017270.D
Acq On : 23 May 2015 7:22
Operator : TP/IZ
Sample : G2353-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VE1-2

Quant Time: May 25 08:17:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 25 08:11:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	35508	20.00	ng		0.00
21) Naphthalene-d8	10.47	136	150822	20.00	ng		0.00
38) Acenaphthene-d10	14.33	164	87198	20.00	ng		0.00
63) Phenanthrene-d10	17.08	188	183123	20.00	ng		0.00
75) Chrysene-d12	21.27	240	200961	20.00	ng		0.00
86) Perylene-d12	23.52	264	191563	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	129101	64.51	ng		0.00
7) Phenol-d6	6.89	99	104232	37.11	ng		0.00
23) Nitrobenzene-d5	8.85	82	276090	85.46	ng		0.00
41) 2,4,6-Tribromophenol	15.83	330	151573	143.80	ng		0.00
44) 2-Fluorobiphenyl	12.95	172	540821	91.01	ng		0.00
78) Terphenyl-d14	19.72	244	701325	72.73	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.82	77	59	Below Cal		#	6
32) Benzoic acid	9.84	122	50517	32.05	ng		91
52) 3-Nitroaniline	14.22	138	6453	3.85	ng	#	6
61) 4-Nitroaniline	15.50	138	4010	2.14	ng		86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052215\
Data File : BG017270.D
Acq On : 23 May 2015 7:22
Operator : TP/IZ
Sample : G2353-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
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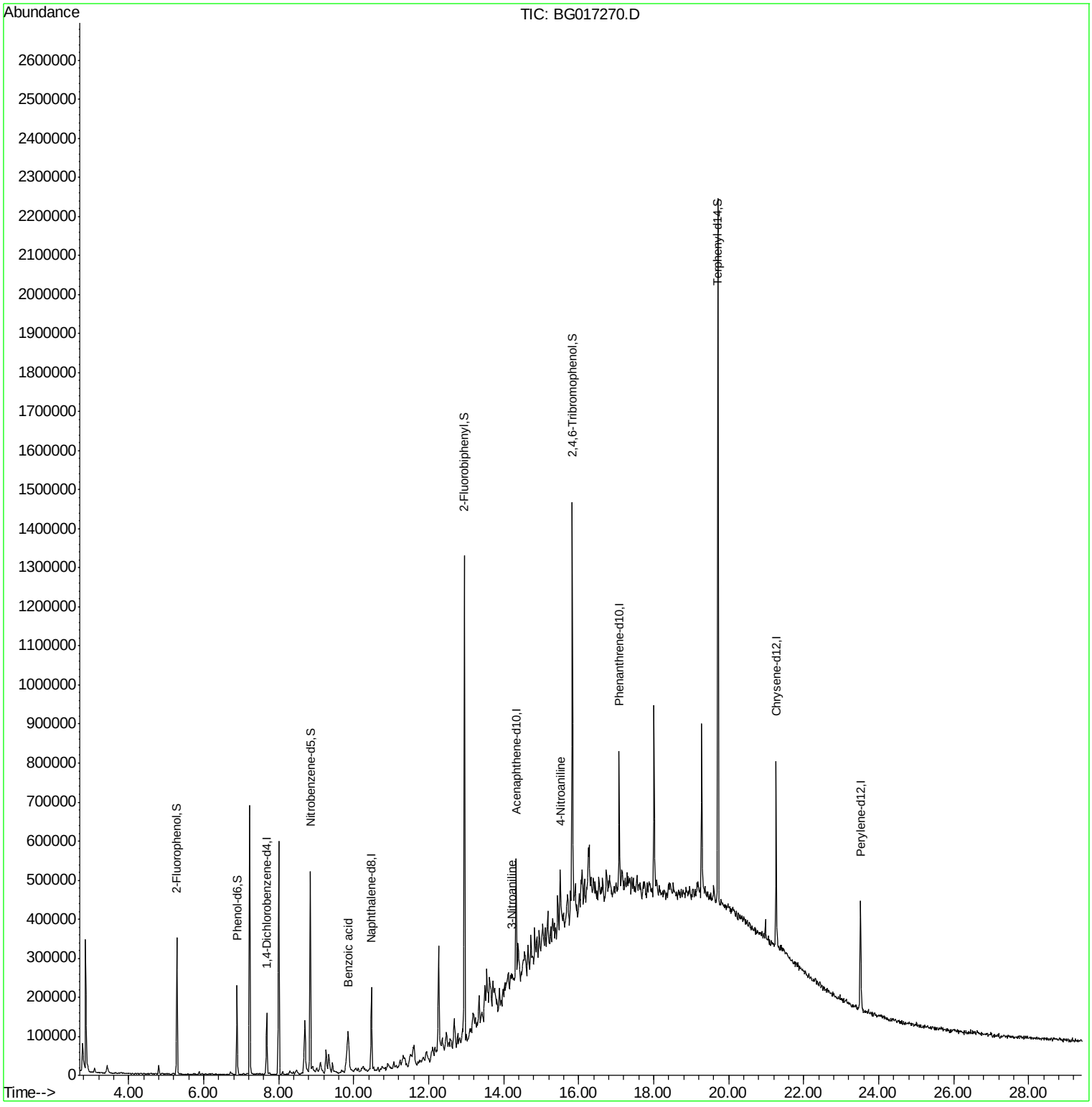
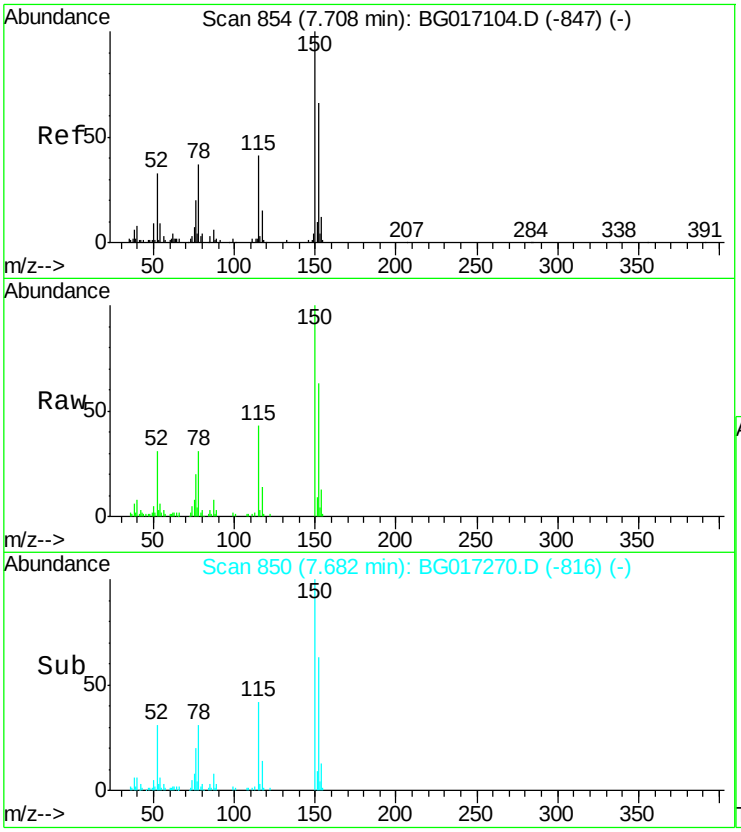


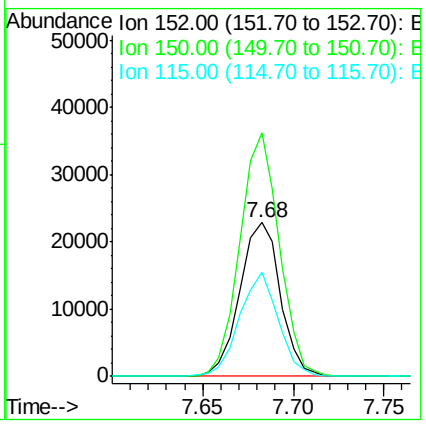


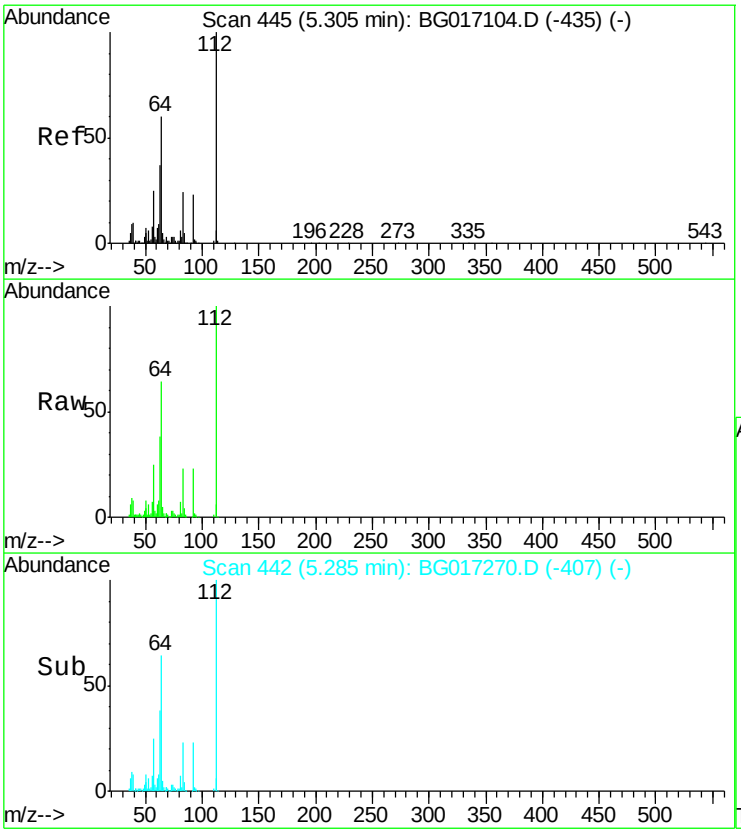
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion:152 Resp: 35508

Ion	Ratio	Lower	Upper
152	100		
150	158.2	120.8	181.2
115	67.5	49.4	74.2

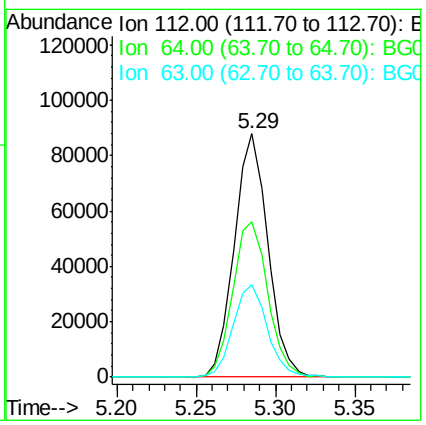


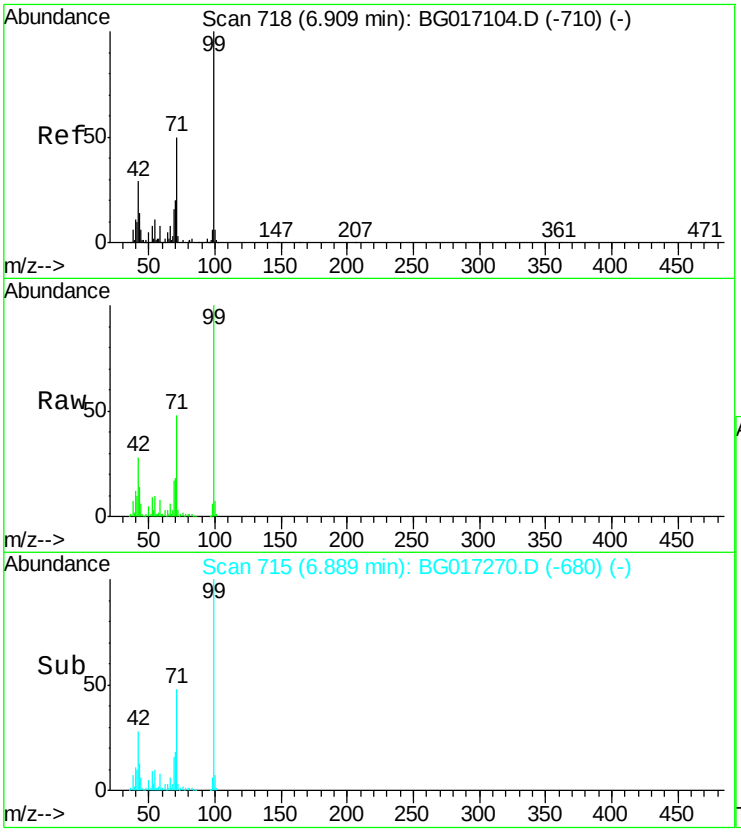


#5
2-Fluorophenol
Concen: 64.51 ng
RT: 5.29 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:112 Resp: 129101

Ion	Ratio	Lower	Upper
112	100		
64	63.6	48.1	72.1
63	38.3	29.8	44.8



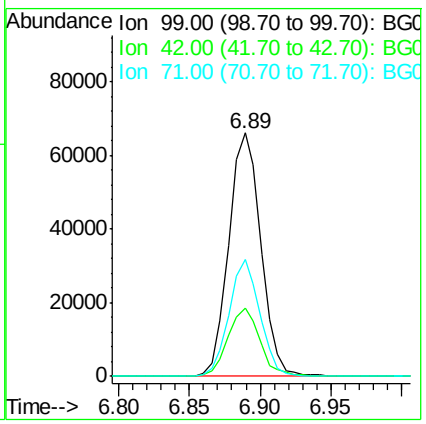


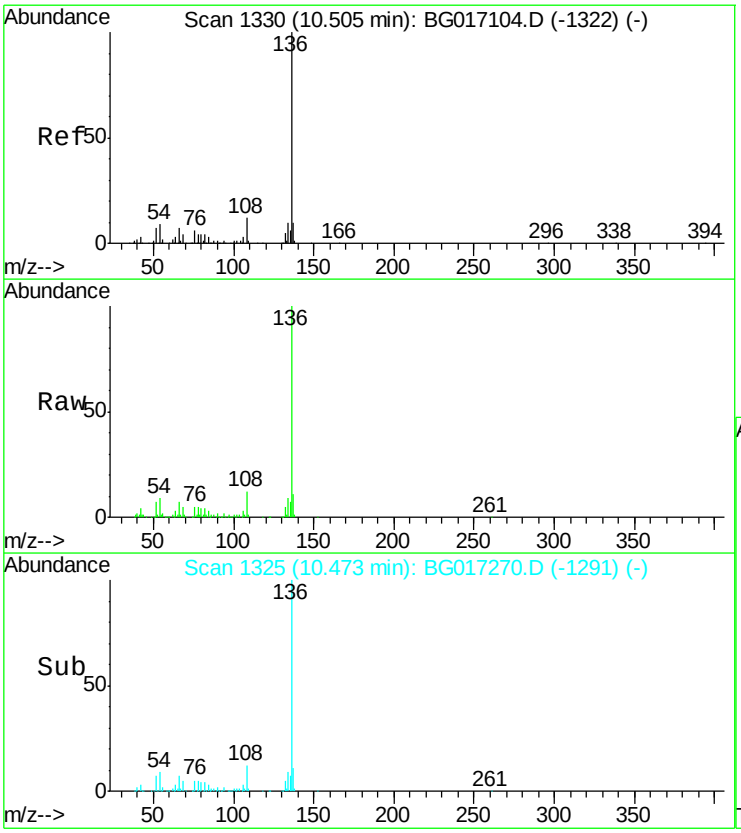
#7
Phenol-d6
Concen: 37.11 ng
RT: 6.89 min Scan# 715
Delta R.T. 0.01 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion: 99 Resp: 104232

Ion	Ratio	Lower	Upper
99	100		
42	27.9	23.5	35.3
71	48.0	39.8	59.8

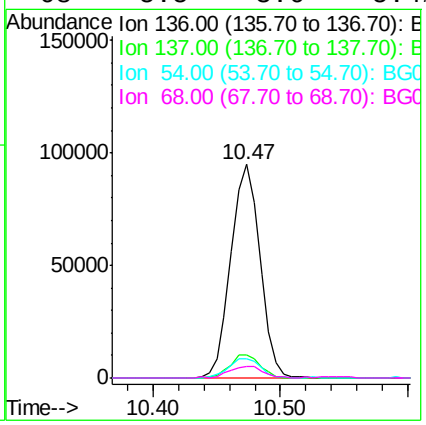


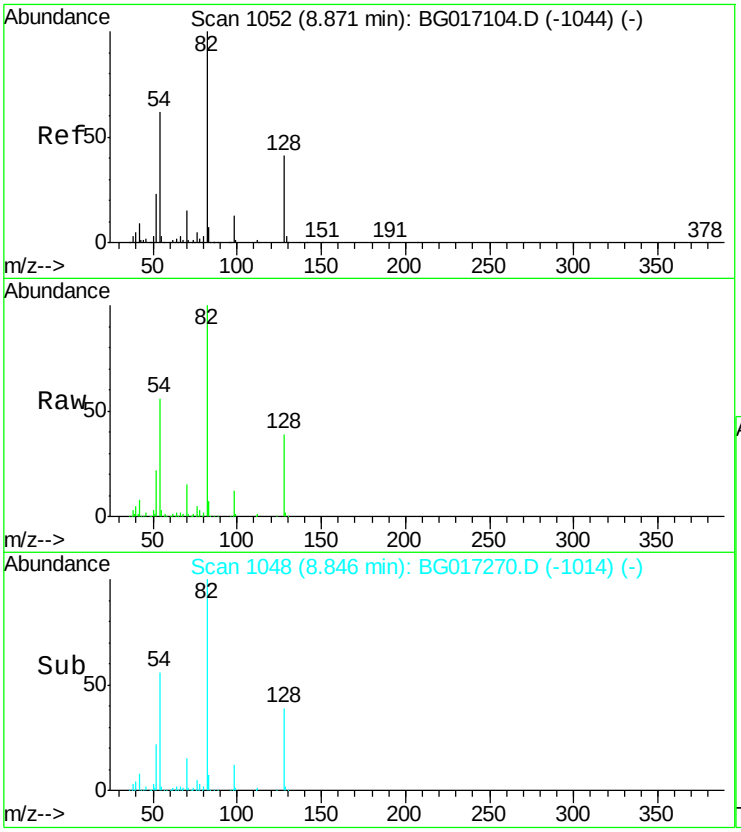


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.47 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:136 Resp: 150822

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	9.1	7.4	11.2
68	5.5	3.6	5.4#



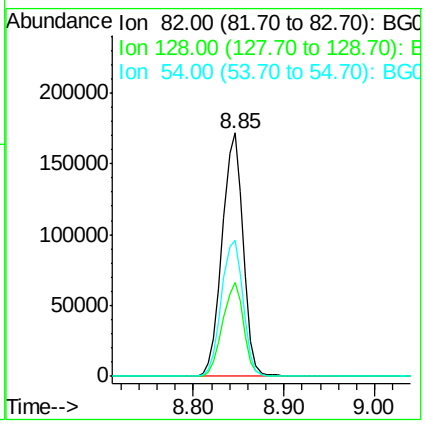


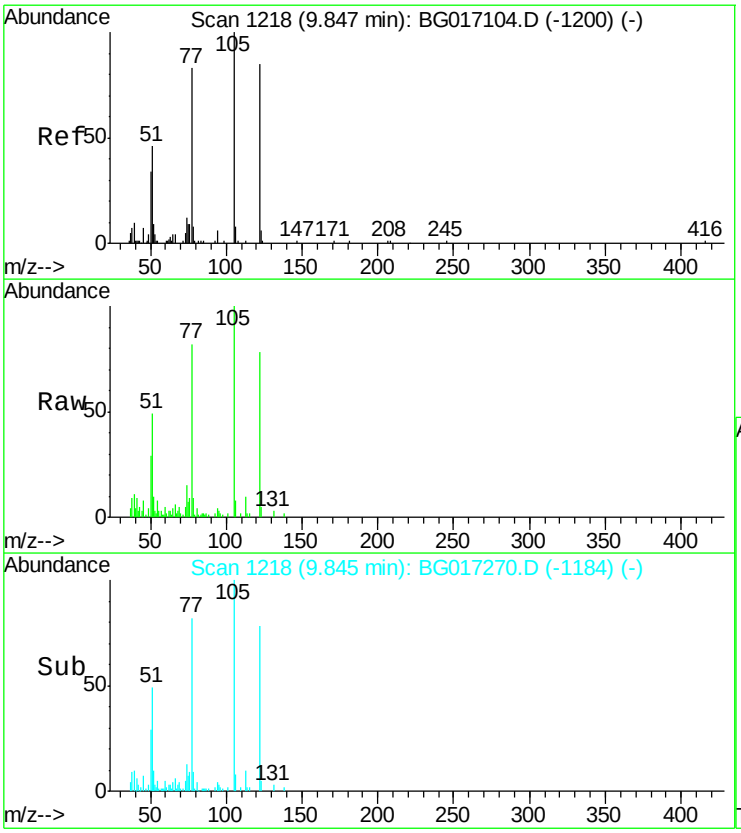
#23
Nitrobenzene-d5
Concen: 85.46 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion: 82 Resp: 276090

Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.6	49.0
54	55.7	49.6	74.4

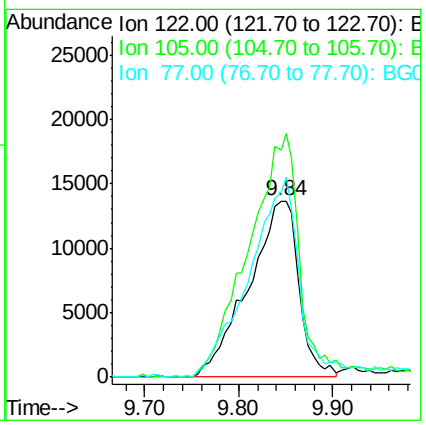


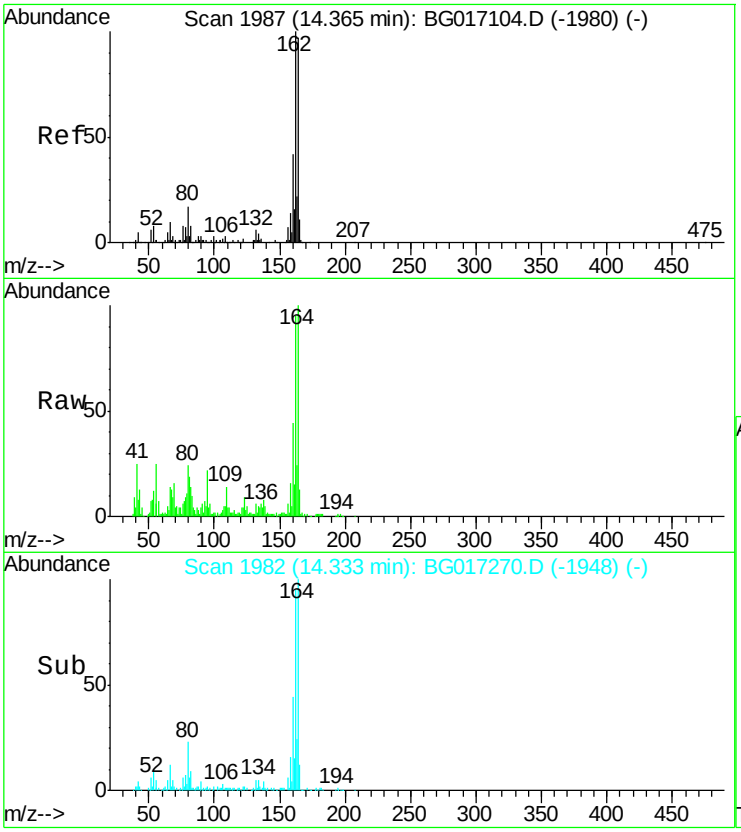


#32
Benzoic acid
Concen: 32.05 ng
RT: 9.84 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:122 Resp: 50517

Ion	Ratio	Lower	Upper
122	100		
105	128.8	96.7	136.7
77	105.4	78.5	118.5



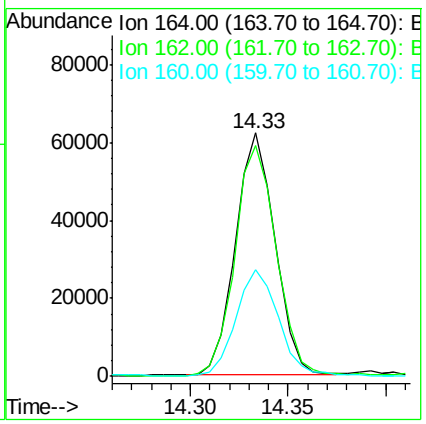


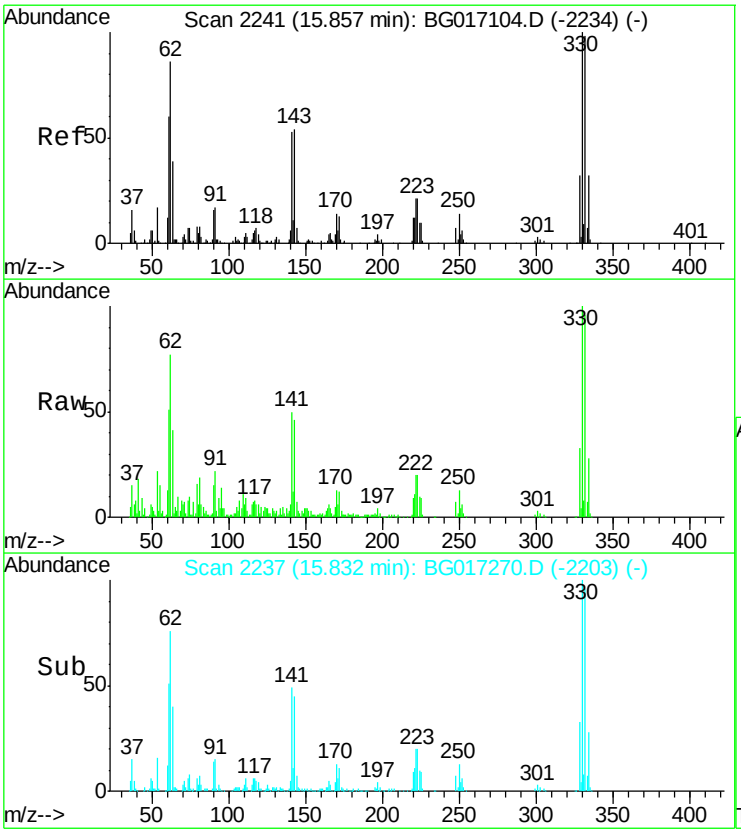
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion:164 Resp: 87198

Ion	Ratio	Lower	Upper
164	100		
162	95.0	82.1	123.1
160	43.8	34.8	52.2

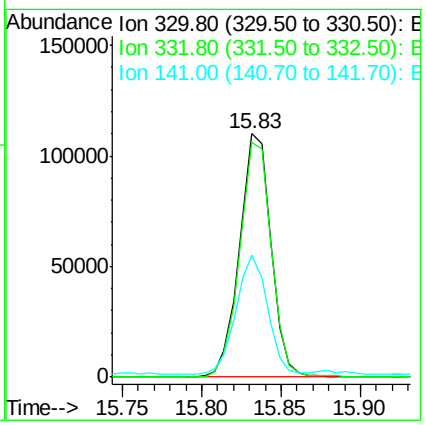


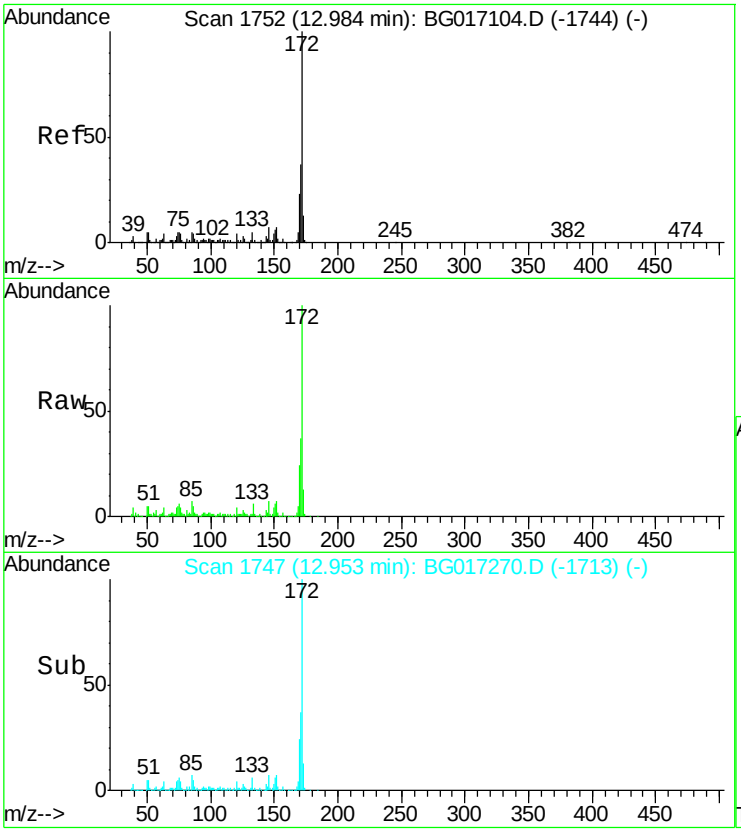


#41
2,4,6-Tribromophenol
Concen: 143.80 ng
RT: 15.83 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:330 Resp: 151573

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	49.4	42.2	63.2



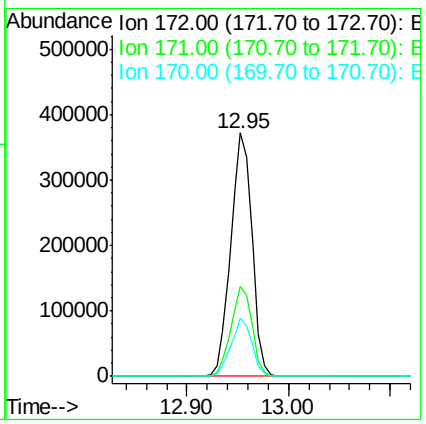


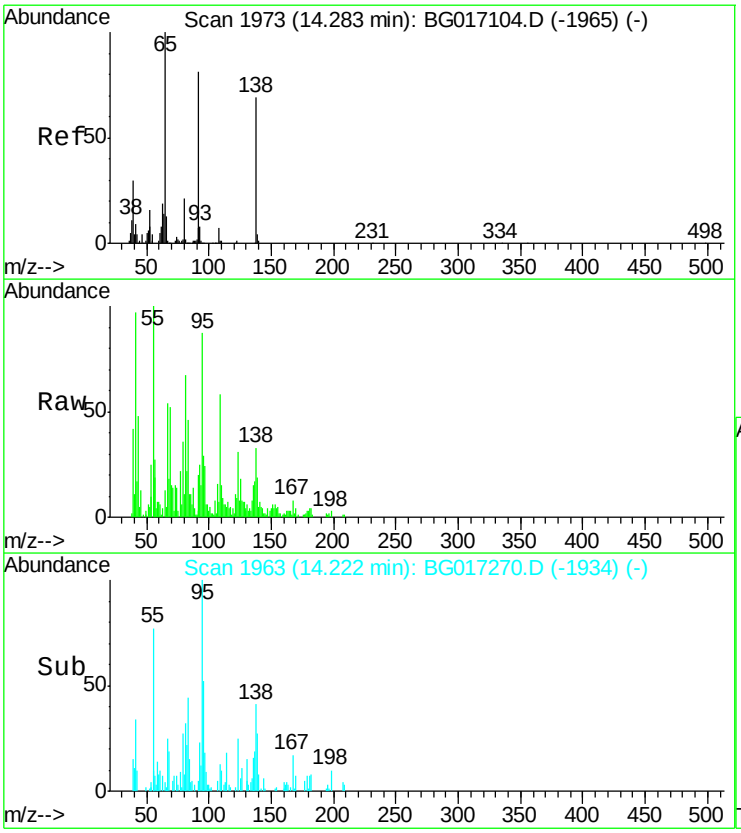
#44
2-Fluorobiphenyl
Concen: 91.01 ng
RT: 12.95 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion:172 Resp: 540821

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.7	44.5
170	23.9	18.4	27.6

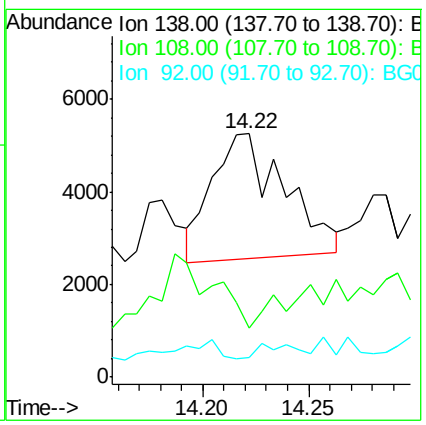


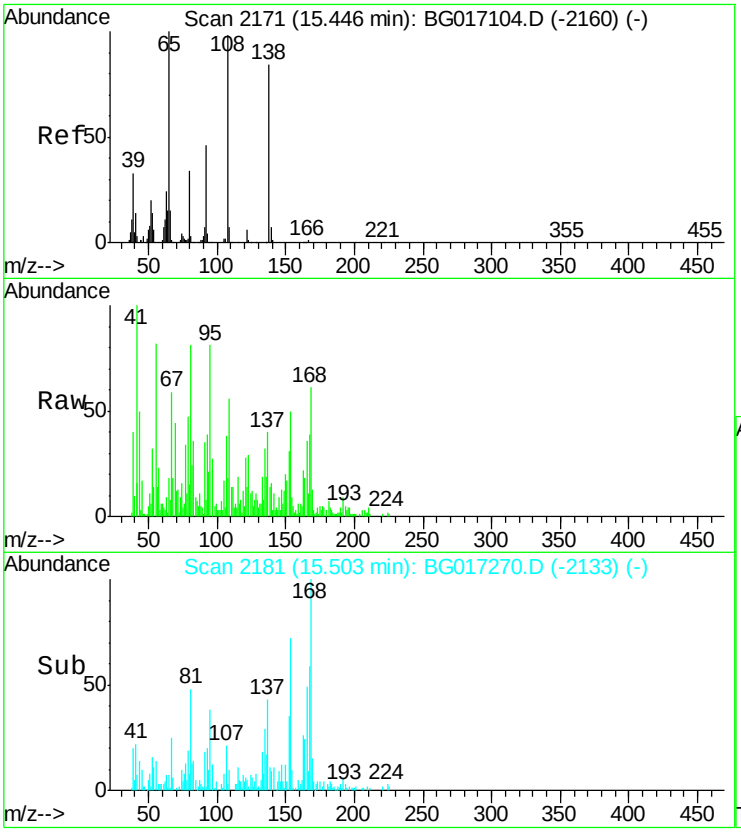


#52
3-Nitroaniline
Concen: 3.85 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.03 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:138 Resp: 6453

Ion	Ratio	Lower	Upper
138	100		
108	20.1	7.6	11.4#
92	8.1	93.6	140.4#



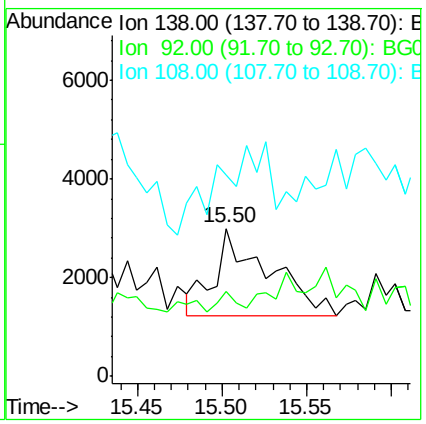


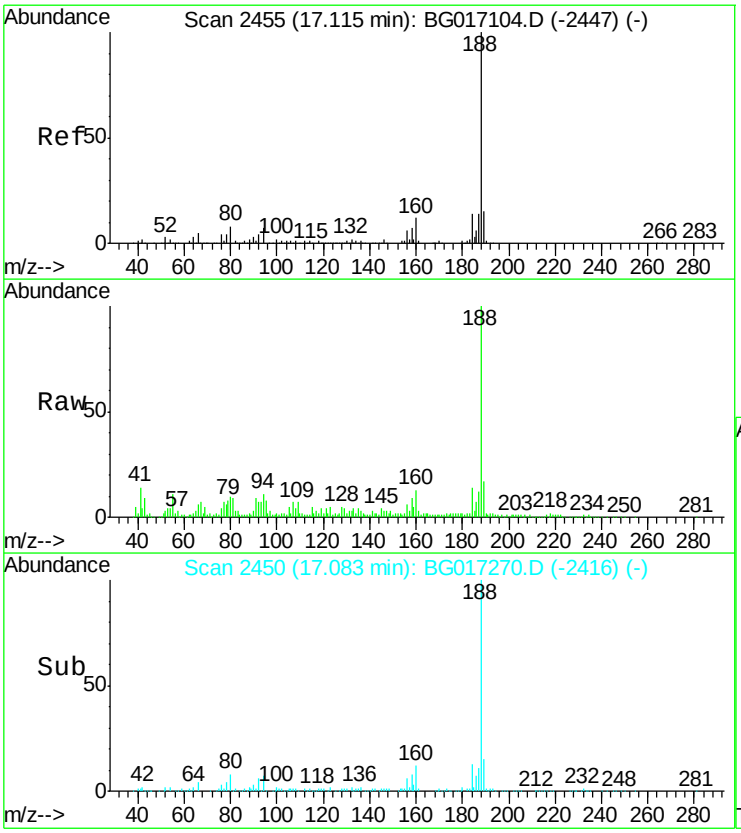
#61
4-Nitroaniline
Concen: 2.14 ng
RT: 15.50 min Scan# 2181
Delta R.T. 0.08 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion:138 Resp: 4010

Ion	Ratio	Lower	Upper
138	100		
92	57.3	34.9	74.9
108	135.8	95.8	135.8

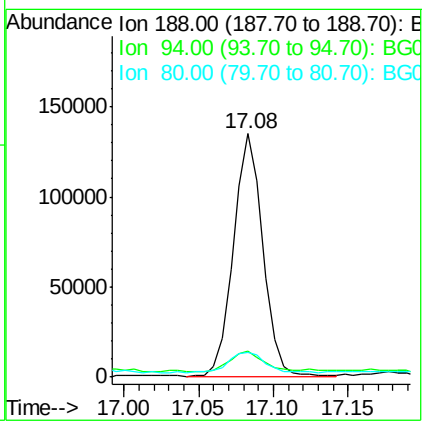


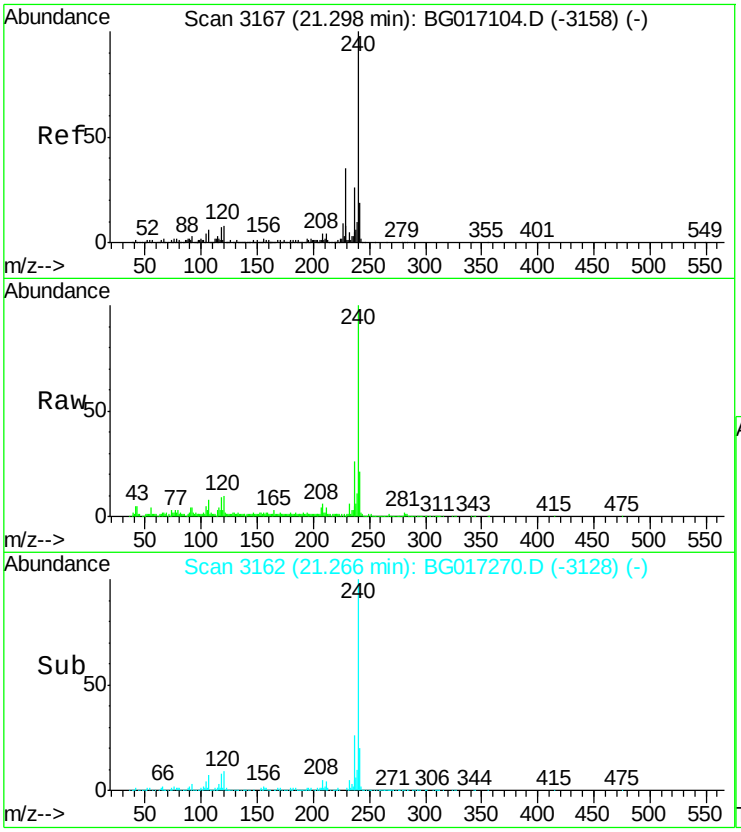


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:188 Resp: 183123

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.8	8.6#
80	10.4	6.5	9.7#



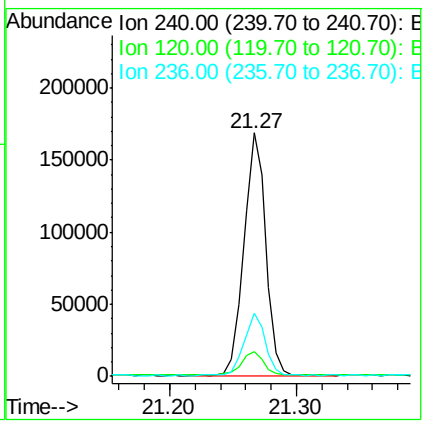


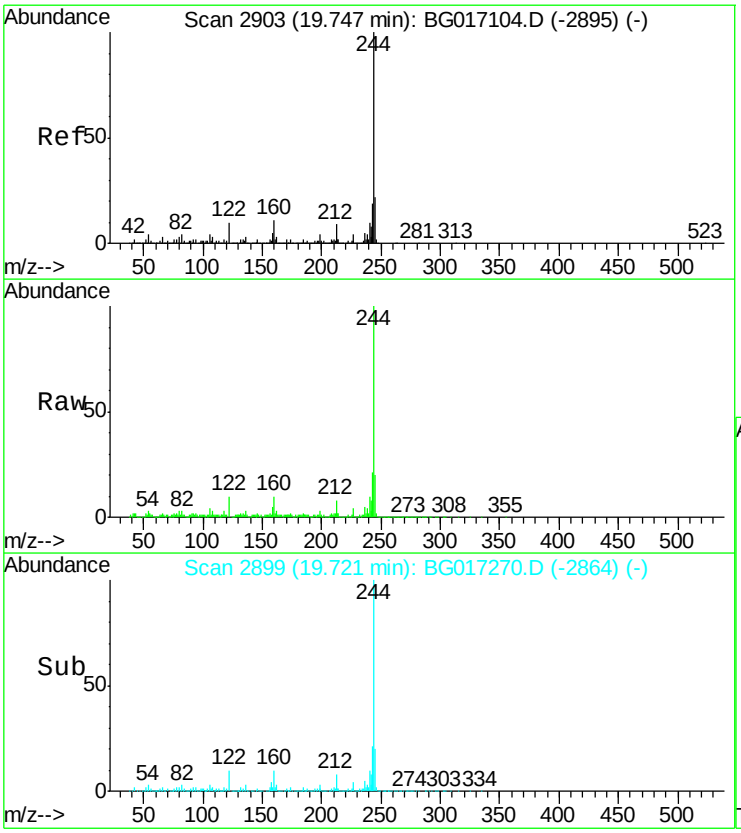
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 3162
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion:240 Resp: 200961

Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.0	9.0#
236	25.8	20.5	30.7

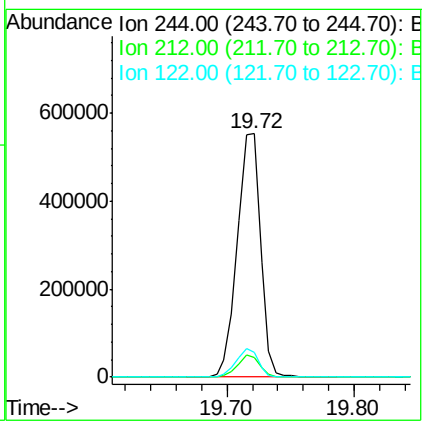


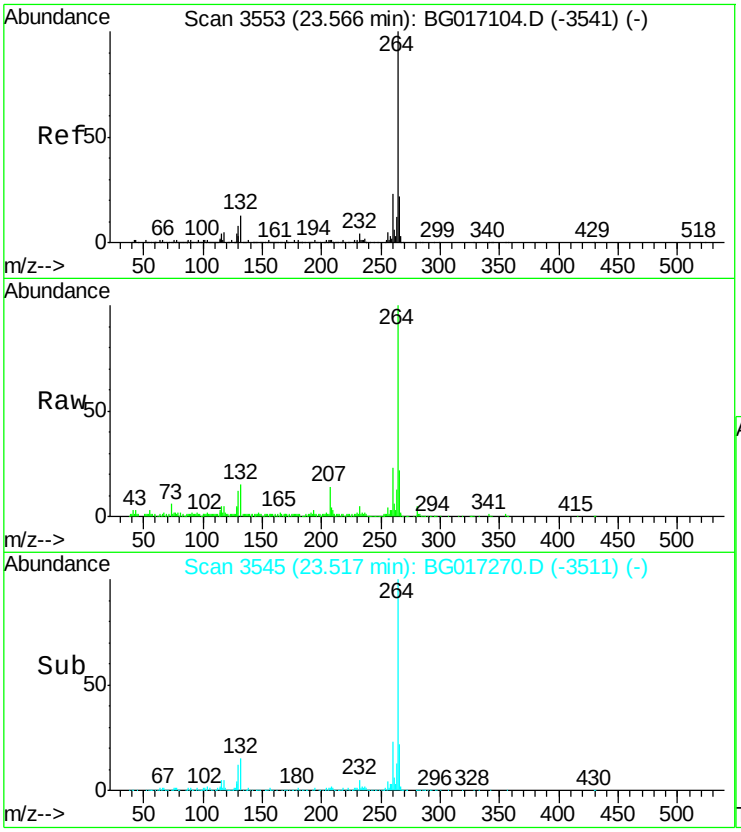


#78
Terphenyl-d14
Concen: 72.73 ng
RT: 19.72 min Scan# 2899
Delta R.T. 0.01 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Tgt Ion:244 Resp: 701325

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	9.9	8.4	12.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.52 min Scan# 3545
Delta R.T. 0.00 min
Lab File: BG017270.D
Acq: 23 May 2015 7:22

Instrument :
BNA_G
ClientSampleId :
VE1-2

Tgt Ion:264 Resp: 191563

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.0	27.0
265	22.4	17.4	26.0