Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017043.D
Acq On : 11 May 2015 3:05
Operator : TP/IZ
Sample : G2109-09
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-30

Quant Time: May 11 05:58:50 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 11 05:17:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	59785	20.00	ng		0.00
21) Naphthalene-d8	10.58	136	289554	20.00	ng		0.00
38) Acenaphthene-d10	14.43	164	186844	20.00	ng		0.00
63) Phenanthrene-d10	17.17	188	409875	20.00	ng		0.00
75) Chrysene-d12	21.35	240	383856	20.00	ng		0.00
86) Perylene-d12	23.64	264	377245	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	38669	11.26	ng		0.00
7) Phenol-d6	6.99	99	42238	8.61	ng		0.02
23) Nitrobenzene-d5	8.94	82	149667	25.25	ng		0.00
41) 2,4,6-Tribromophenol	15.92	330	35681	19.02	ng		0.00
44) 2-Fluorobiphenyl	13.05	172	322627	26.06	ng		0.00
78) Terphenyl-d14	19.79	244	426475	26.05	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.02	94	36729	6.98	ng		95
20) 3+4-Methylphenols	8.59	107	174071	34.10	ng		84
32) Benzoic acid	9.90	122	49093	22.50	ng	#	87
49) Dimethylphthalate	13.88	163	43824	3.14	ng	#	97

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

Quantitation Report (QT Reviewed)

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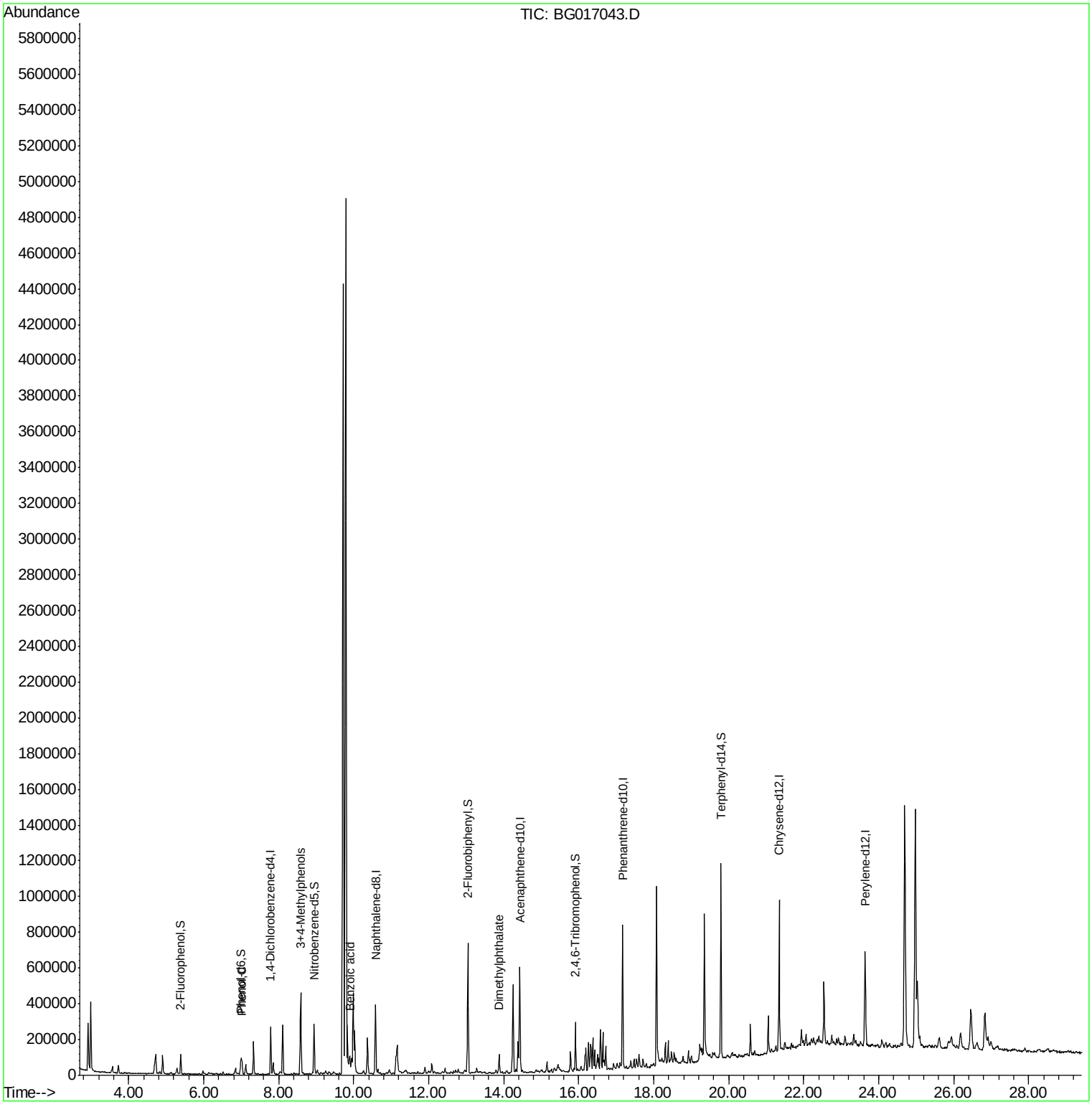
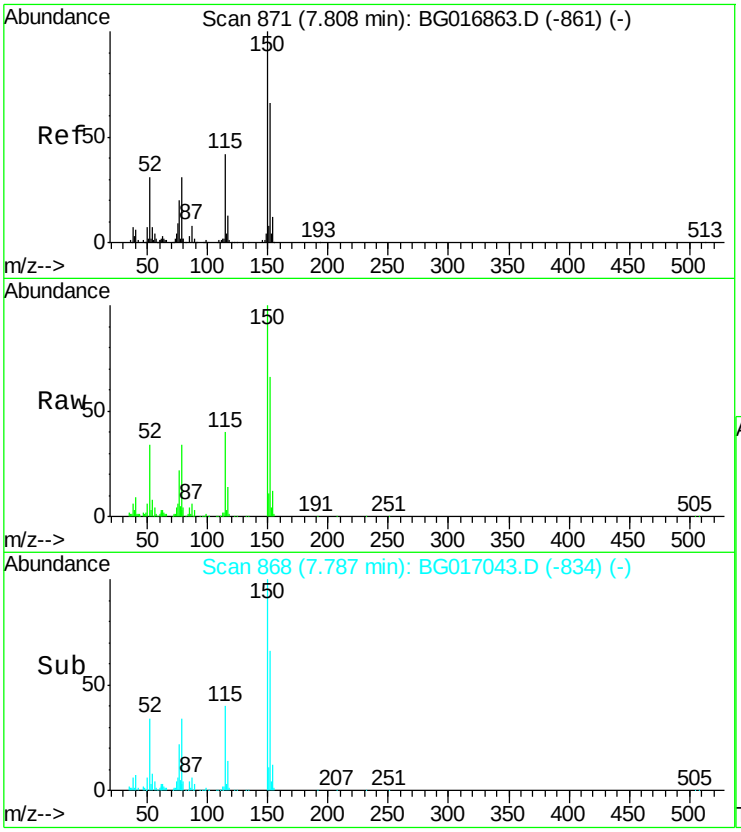


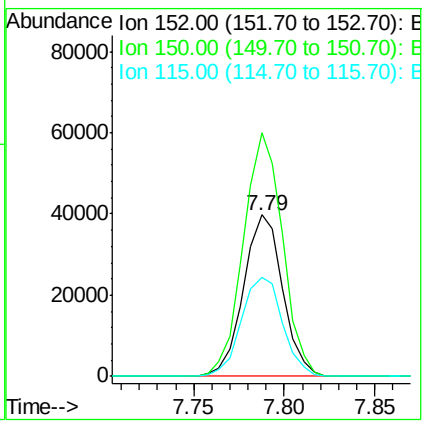


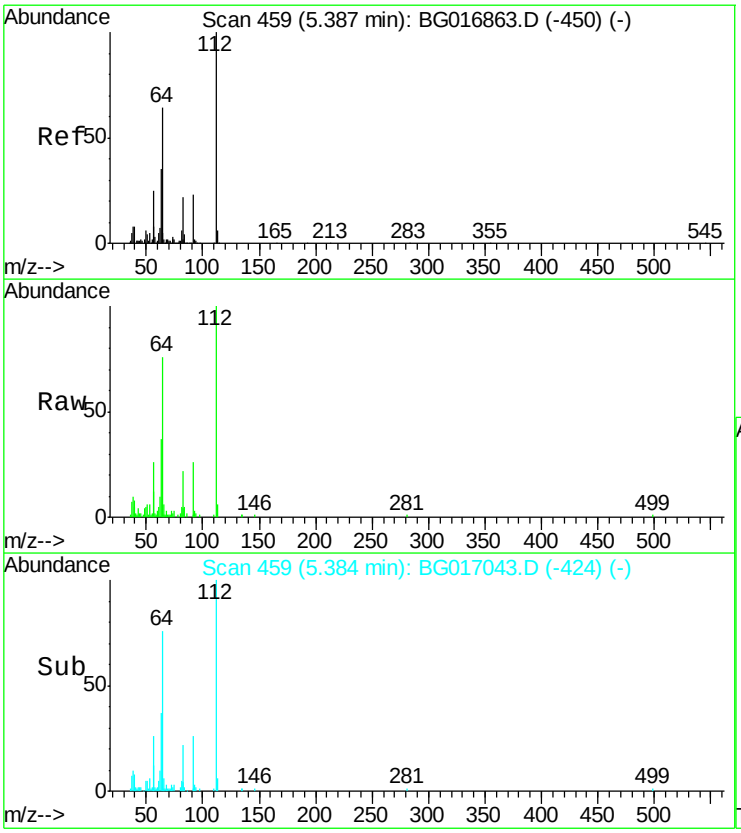
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion:152 Resp: 59785

Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.0	181.4
115	61.2	50.5	75.7

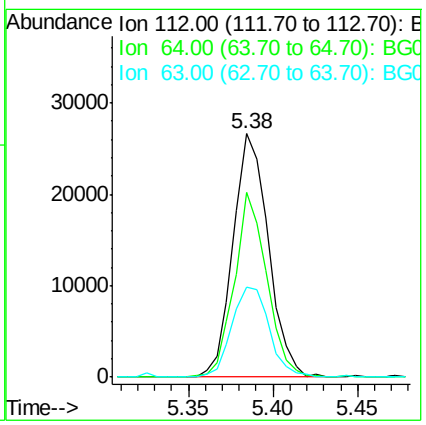


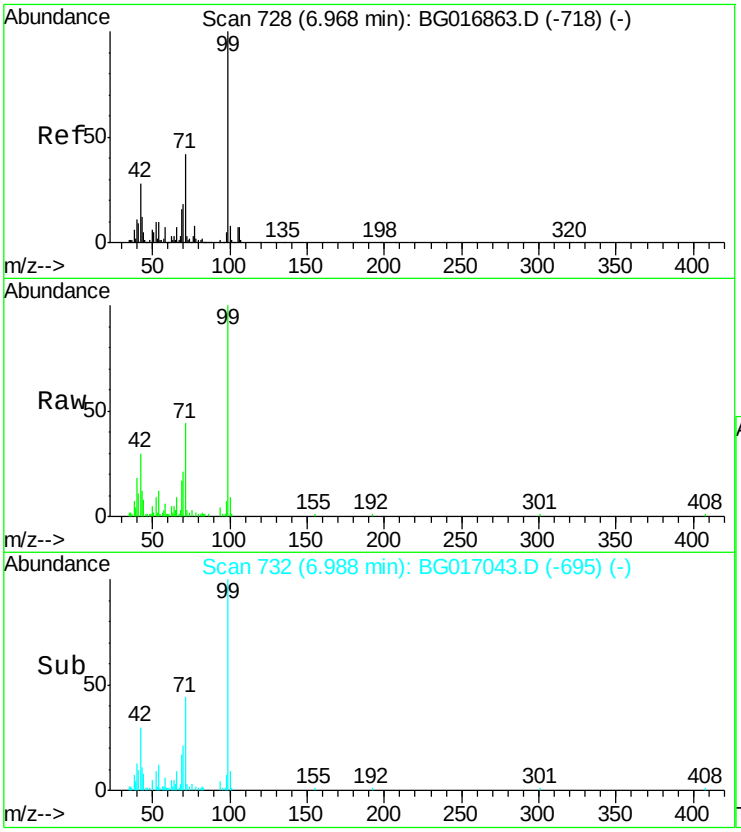


#5
2-Fluorophenol
Concen: 11.26 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:112 Resp: 38669

Ion	Ratio	Lower	Upper
112	100		
64	75.7	51.4	77.2
63	36.9	28.1	42.1



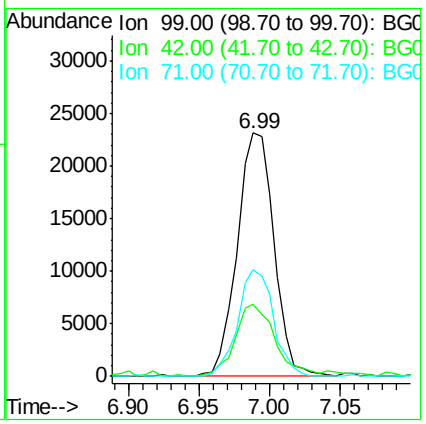


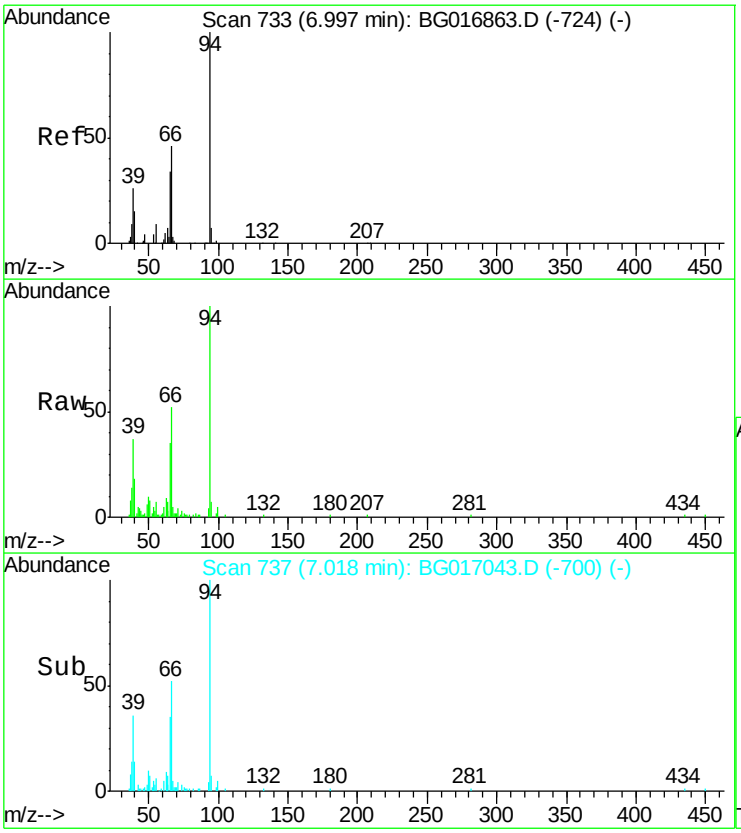
#7
Phenol-d6
Concen: 8.61 ng
RT: 6.99 min Scan# 732
Delta R.T. 0.02 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion: 99 Resp: 42238

Ion	Ratio	Lower	Upper
99	100		
42	29.7	22.1	33.1
71	44.0	33.4	50.0

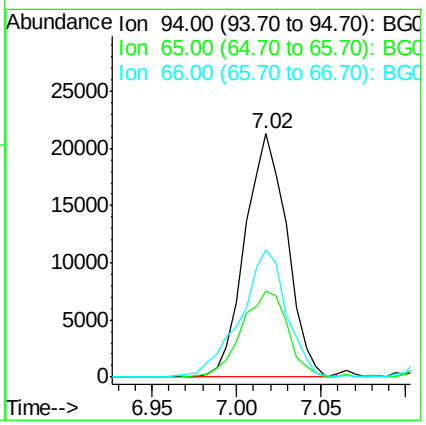


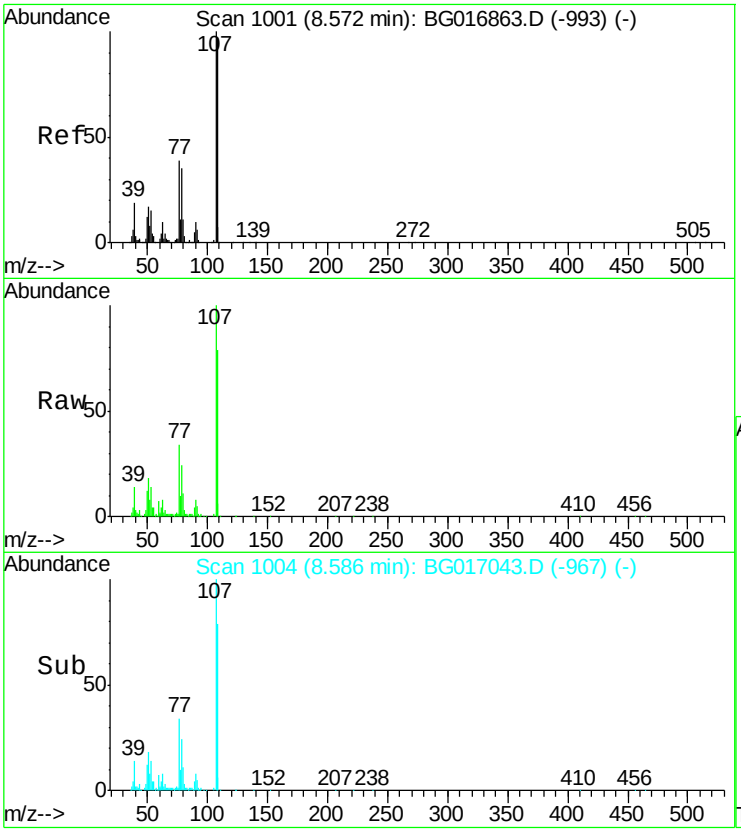


#10
Phenol
Concen: 6.98 ng
RT: 7.02 min Scan# 737
Delta R.T. 0.02 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion: 94 Resp: 36729

Ion	Ratio	Lower	Upper
94	100		
65	35.2	14.3	54.3
66	52.3	26.9	66.9



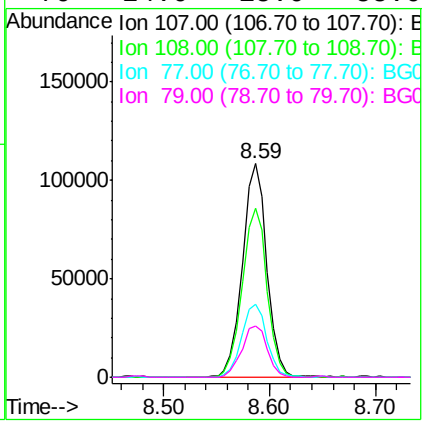


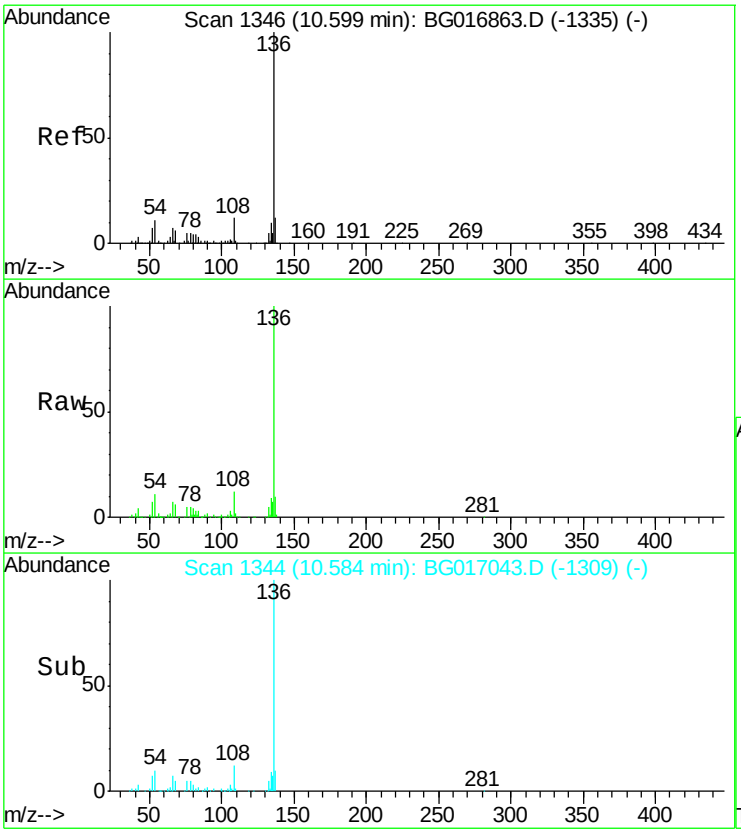
#20
3+4-Methylphenols
Concen: 34.10 ng
RT: 8.59 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion:107 Resp: 174071

Ion	Ratio	Lower	Upper
107	100		
108	79.2	76.6	116.6
77	34.0	19.0	59.0
79	24.0	15.0	55.0

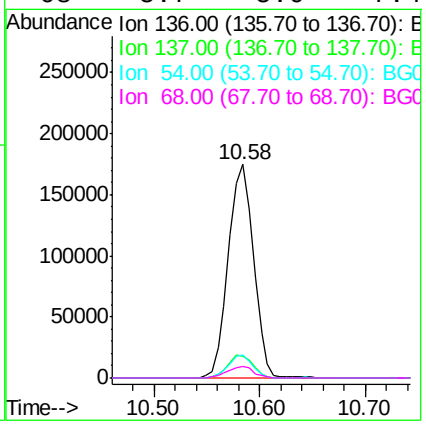


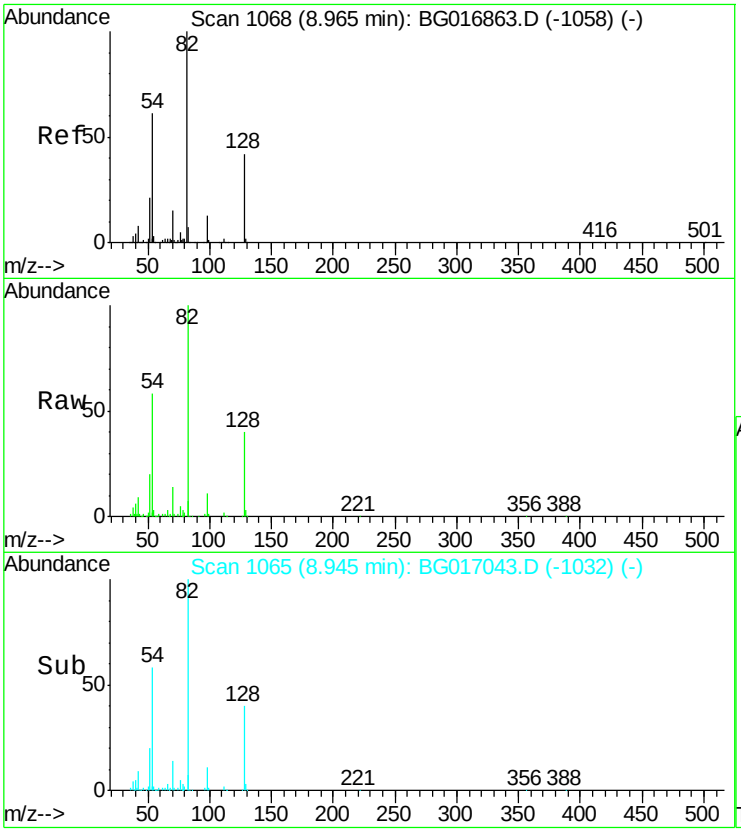


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:136 Resp: 289554

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.8
54	10.5	8.7	13.1
68	5.7	5.0	7.4



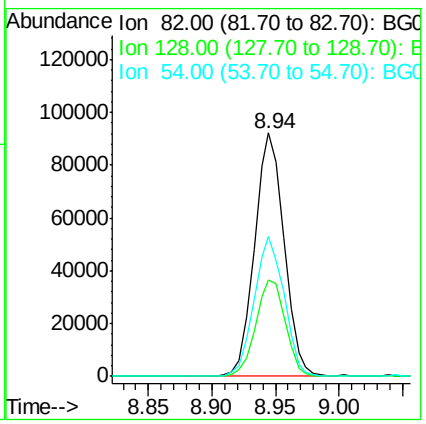


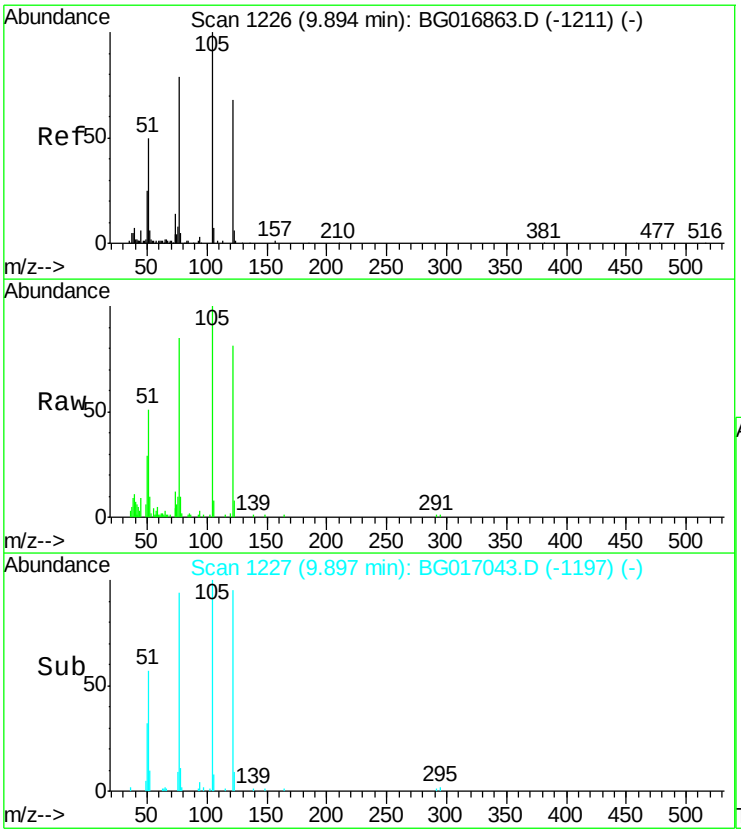
#23
Nitrobenzene-d5
Concen: 25.25 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion: 82 Resp: 149667

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.2	49.8
54	57.5	48.6	72.8

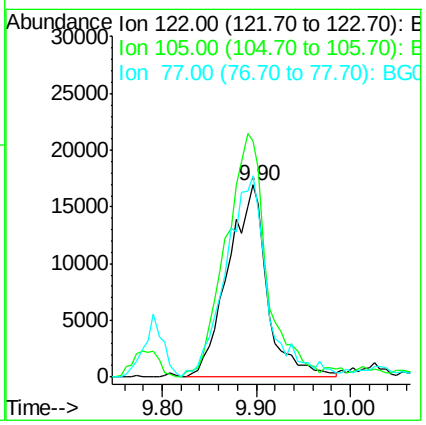


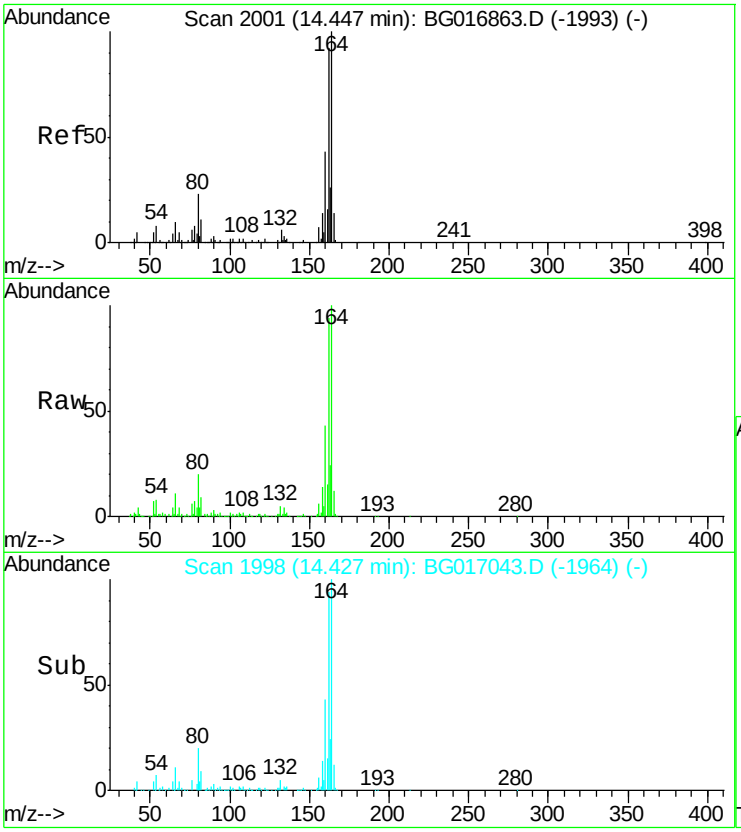


#32
Benzoic acid
Concen: 22.50 ng
RT: 9.90 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:122 Resp: 49093

Ion	Ratio	Lower	Upper
122	100		
105	122.9	123.2	163.2#
77	104.9	93.0	133.0



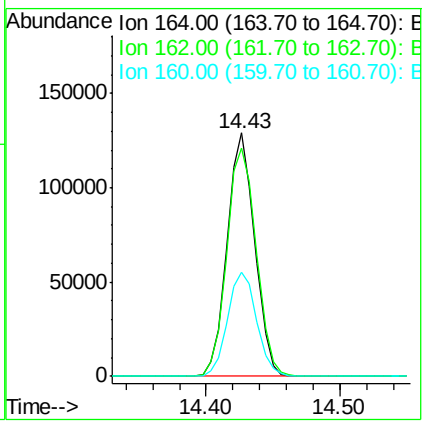


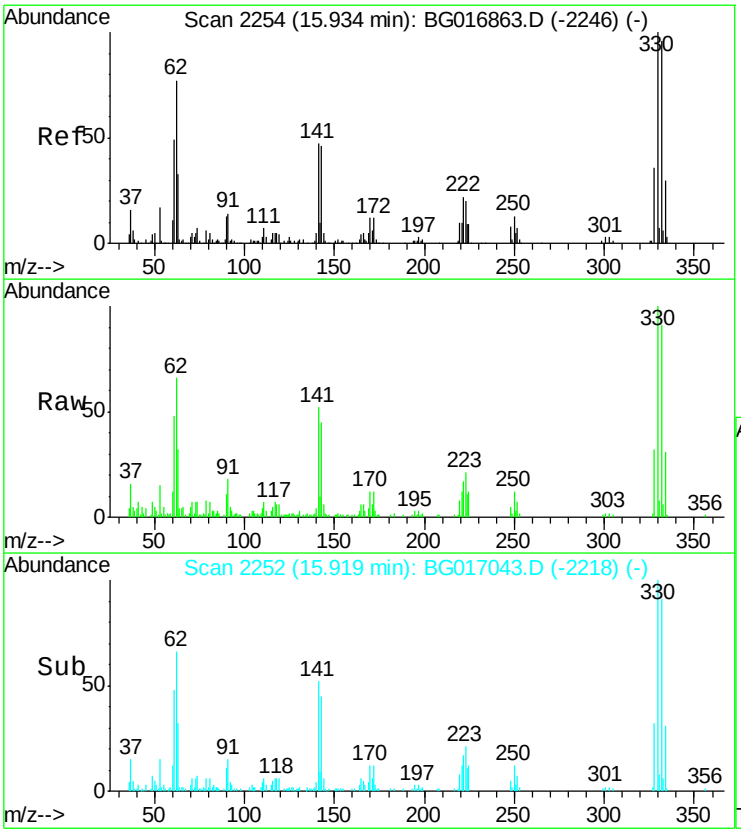
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion:164 Resp: 186844

Ion	Ratio	Lower	Upper
164	100		
162	93.6	74.0	111.0
160	42.6	34.7	52.1

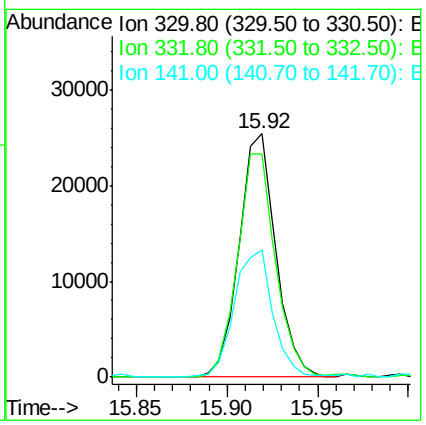


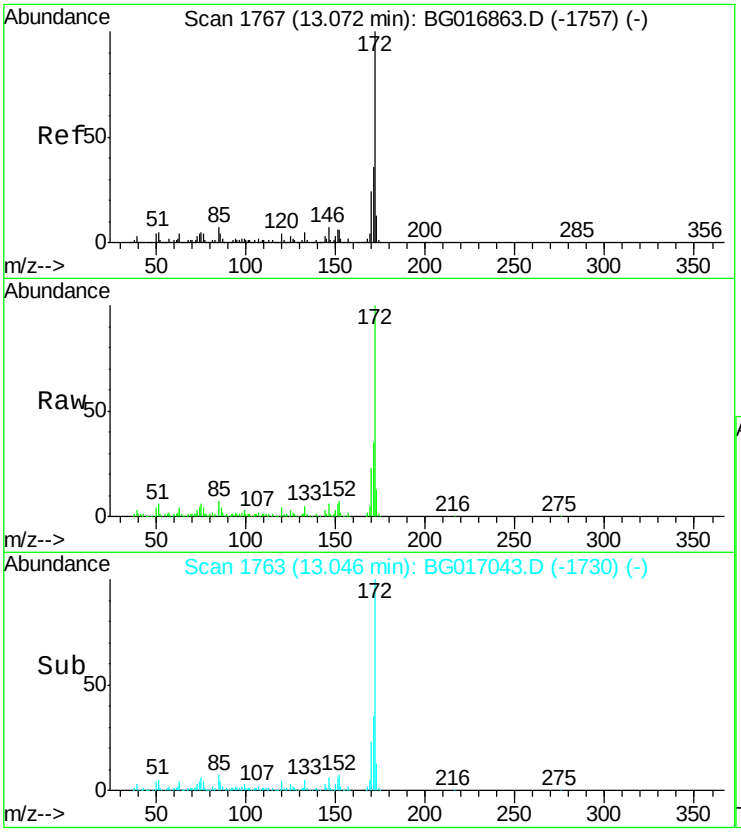


#41
2,4,6-Tribromophenol
Concen: 19.02 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:330 Resp: 35681

Ion	Ratio	Lower	Upper
330	100		
332	94.9	0.0	0.0#
141	55.1	0.0	0.0#



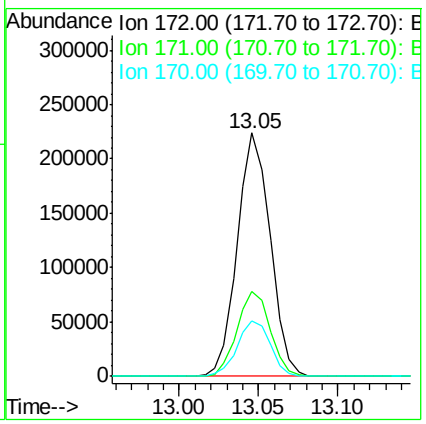


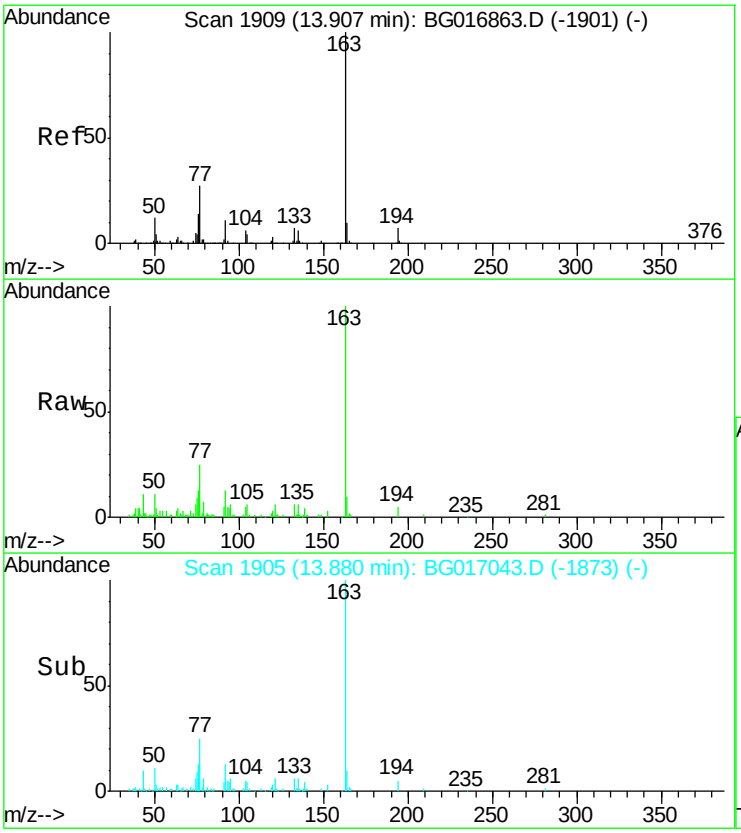
#44
2-Fluorobiphenyl
Concen: 26.06 ng
RT: 13.05 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion:172 Resp: 322627

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	22.8	19.0	28.4

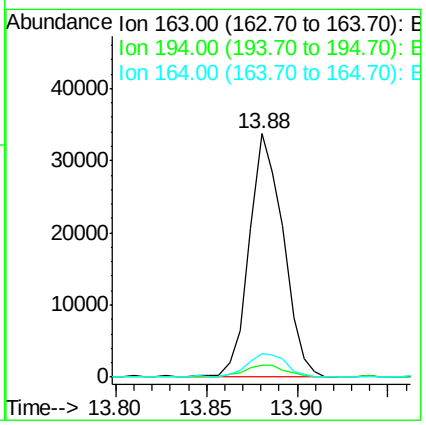


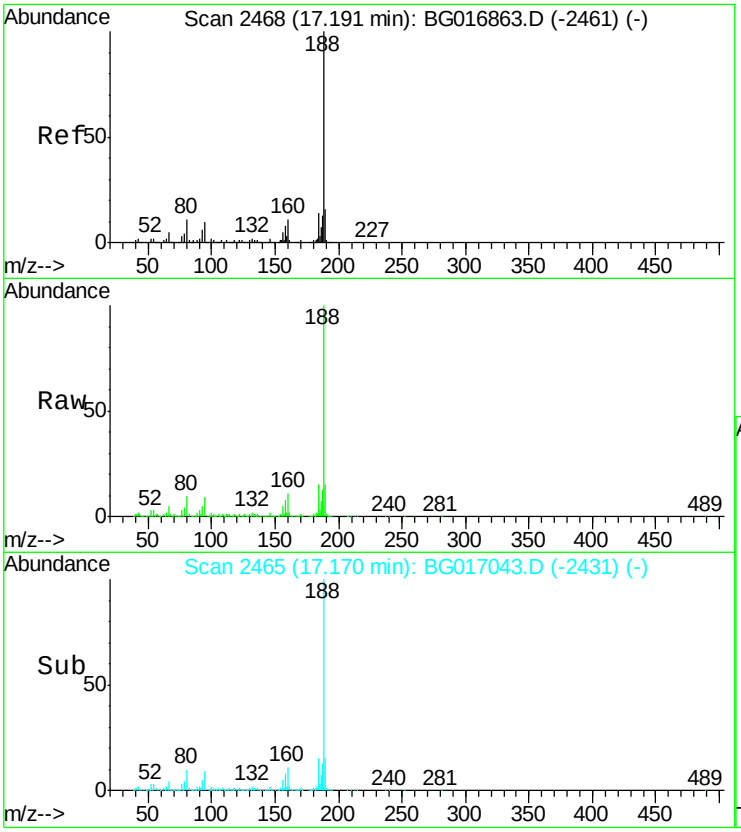


#49
Dimethylphthalate
Concen: 3.14 ng
RT: 13.88 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:163 Resp: 43824

Ion	Ratio	Lower	Upper
163	100		
194	4.9	5.2	7.8#
164	9.6	8.4	12.6



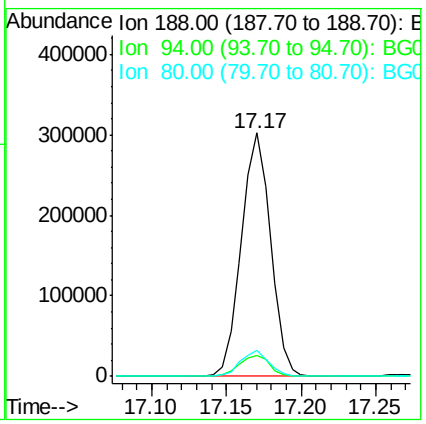


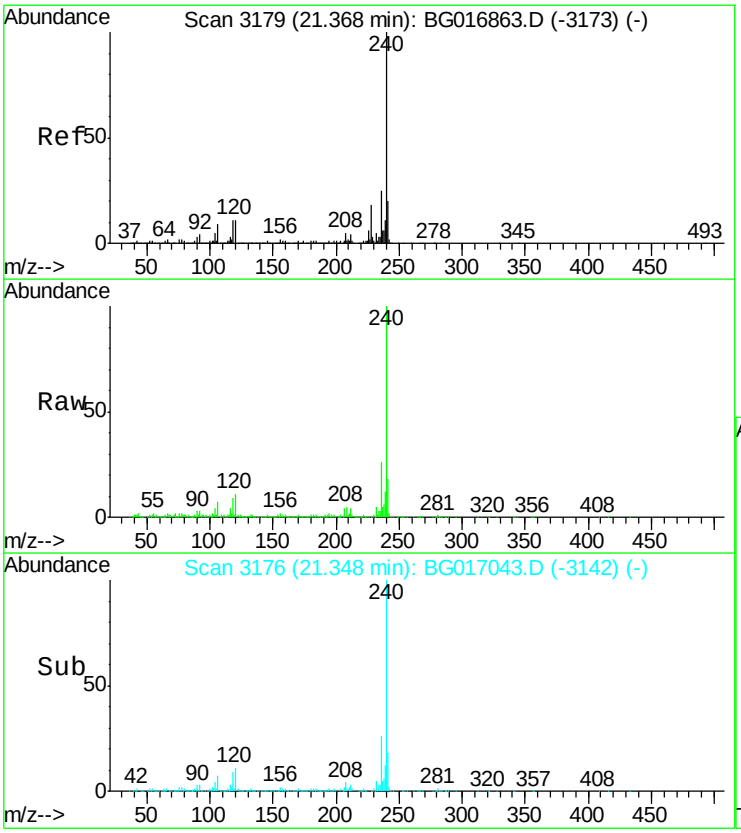
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2465
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion:188 Resp: 409875

Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.4
80	10.4	8.8	13.2

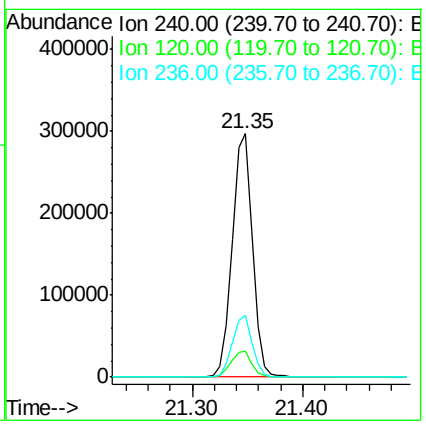


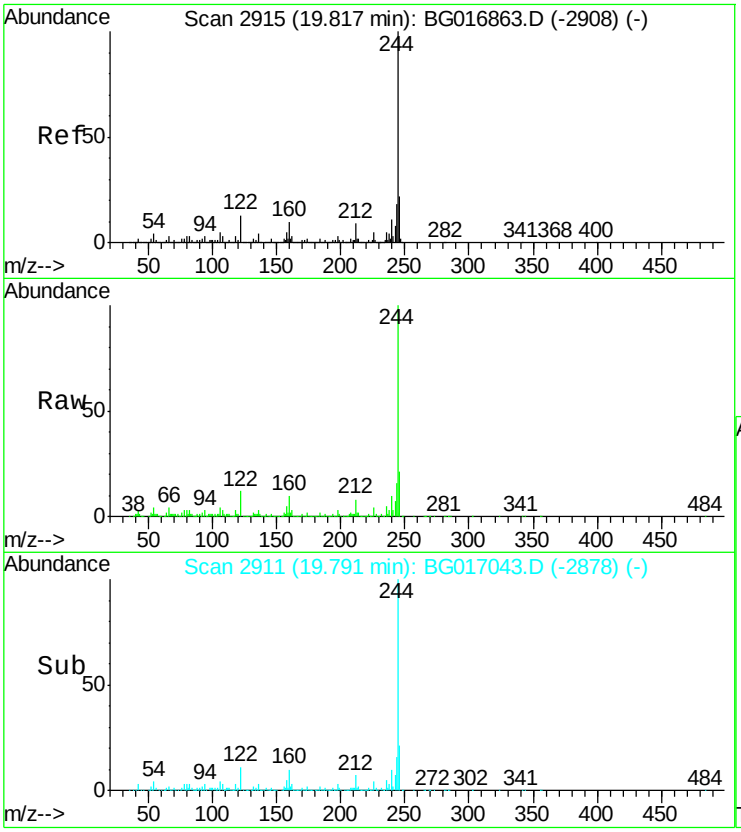


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.35 min Scan# 3176
Delta R.T. -0.00 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:240 Resp: 383856

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.1	13.7
236	25.6	20.2	30.4



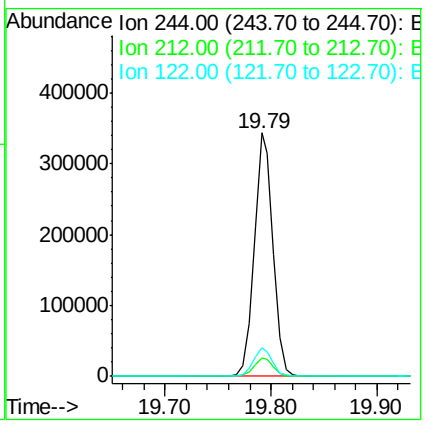


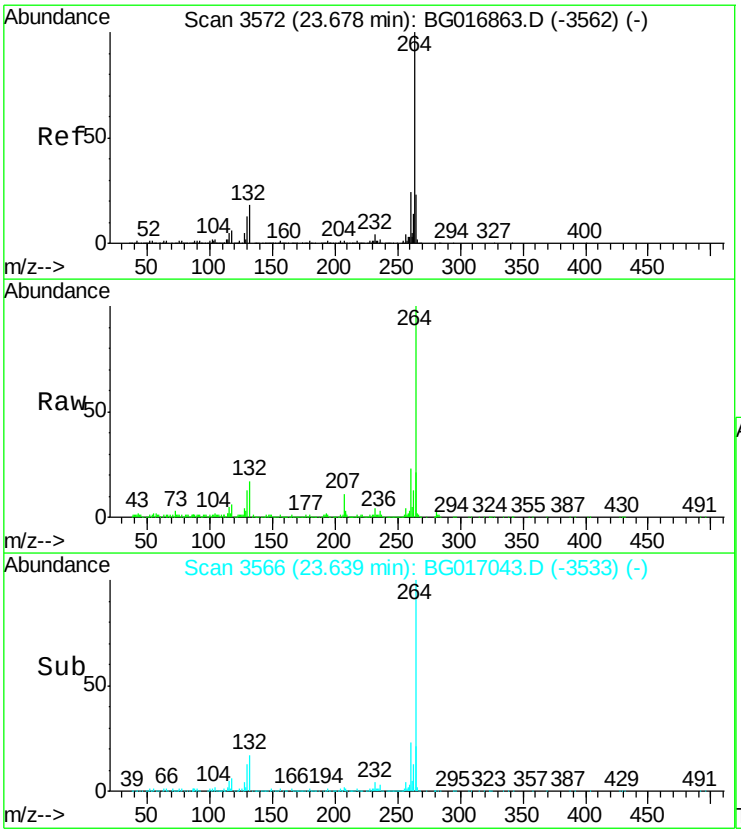
#78
Terphenyl-d14
Concen: 26.05 ng
RT: 19.79 min Scan# 2911
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Instrument :
BNA_G
ClientSampleId :
W-30

Tgt Ion:244 Resp: 426475

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.0	10.6
122	11.6	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.01 min
Lab File: BG017043.D
Acq: 11 May 2015 3:05

Tgt Ion:264 Resp: 377245

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	20.9	18.5	27.7