Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016531.D
Acq On : 18 Apr 2015 21:23
Operator : TP/IZ
Sample : G1845-02 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFFWW

Quant Time: Apr 20 04:11:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 03:57:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	76039	20.00	ng		0.00
21) Naphthalene-d8	10.44	136	345279	20.00	ng		0.00
38) Acenaphthene-d10	14.30	164	201071	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	396780	20.00	ng		0.00
75) Chrysene-d12	21.22	240	336995	20.00	ng		0.00
86) Perylene-d12	23.45	264	313285	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	37851	7.86	ng		0.00
7) Phenol-d6	6.86	99	33646	4.65	ng		0.02
23) Nitrobenzene-d5	8.82	82	75381	12.65	ng		0.00
41) 2,4,6-Tribromophenol	15.80	330	17630	12.96	ng		0.00
44) 2-Fluorobiphenyl	12.92	172	171771	14.54	ng		0.00
78) Terphenyl-d14	19.67	244	182110	12.65	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.53	79	64615	9.87	ng		96
6) Aniline	7.02	93	4397195	425.68	ng	#	62
10) Phenol	7.02	94	470323	60.78	ng	#	1
11) bis(2-Chloroethyl)ether	7.02	93	4399308	712.95	ng	#	34
12) 1,3-Dichlorobenzene	7.69	146	20664	3.54	ng		96
13) 1,4-Dichlorobenzene	7.69	146	20663	3.41	ng		95
14) 1,2-Dichlorobenzene	8.01	146	122729	21.17	ng		97
20) 3+4-Methylphenols	8.46	107	14468	2.01	ng	#	49
24) Nitrobenzene	8.88	77	2408437	377.87	ng	#	85
32) Benzoic acid	9.64	122	1408	9.05	ng	#	17

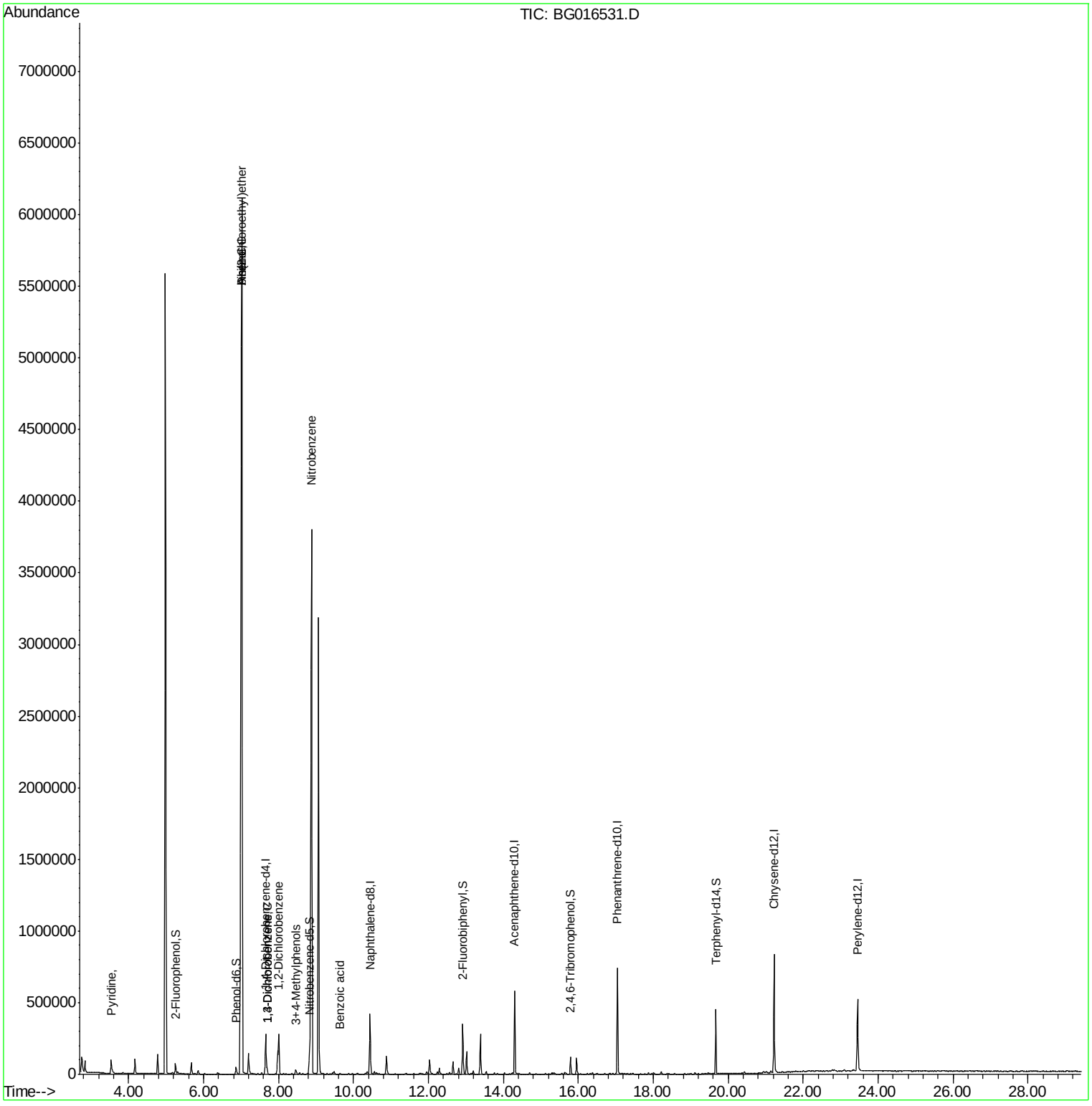
(#) = qualifier out of range (m) = manual integration (+) = signals summed

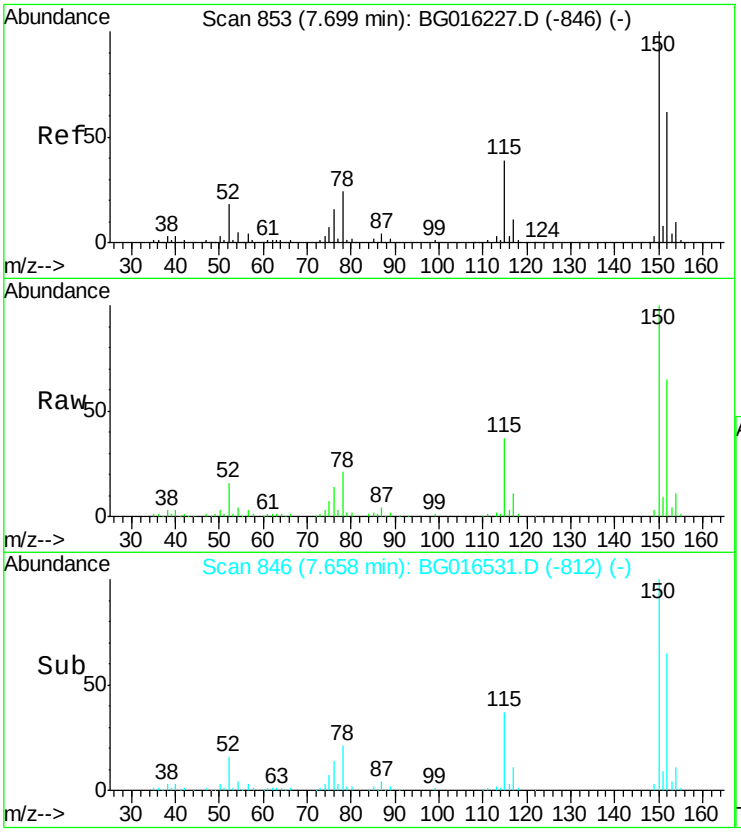
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
Data File : BG016531.D
Acq On : 18 Apr 2015 21:23
Operator : TP/IZ
Sample : G1845-02 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFFWW

Quant Time: Apr 20 04:11:37 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 20 03:57:28 2015
Response via : Initial Calibration



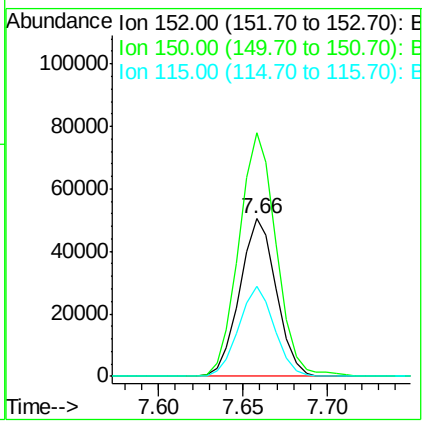


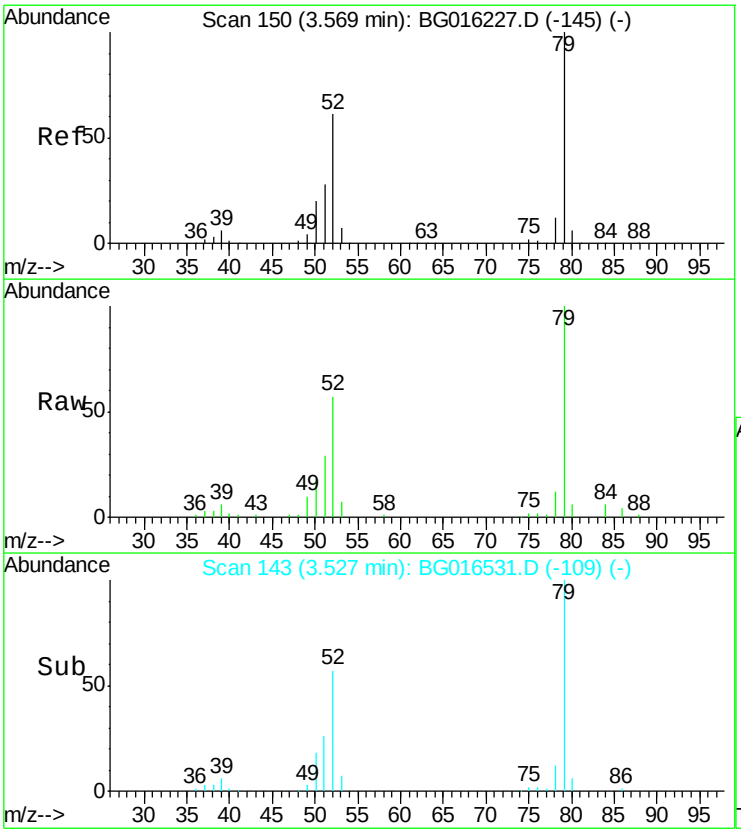
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:152 Resp: 76039

Ion	Ratio	Lower	Upper
152	100		
150	154.4	130.1	195.1
115	57.0	50.5	75.7

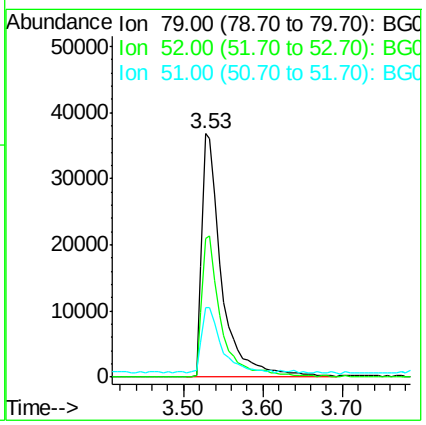


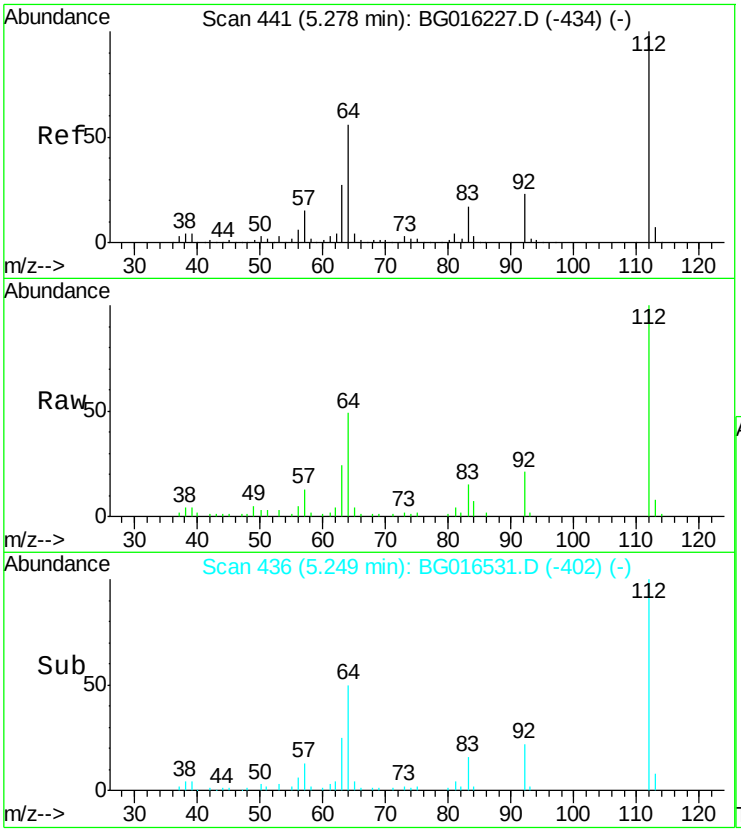


#3
Pyridine
Concen: 9.87 ng
RT: 3.53 min Scan# 143
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion: 79 Resp: 64615

Ion	Ratio	Lower	Upper
79	100		
52	56.8	49.0	73.4
51	28.7	22.5	33.7



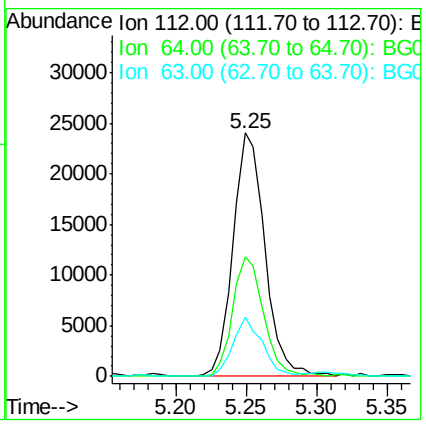


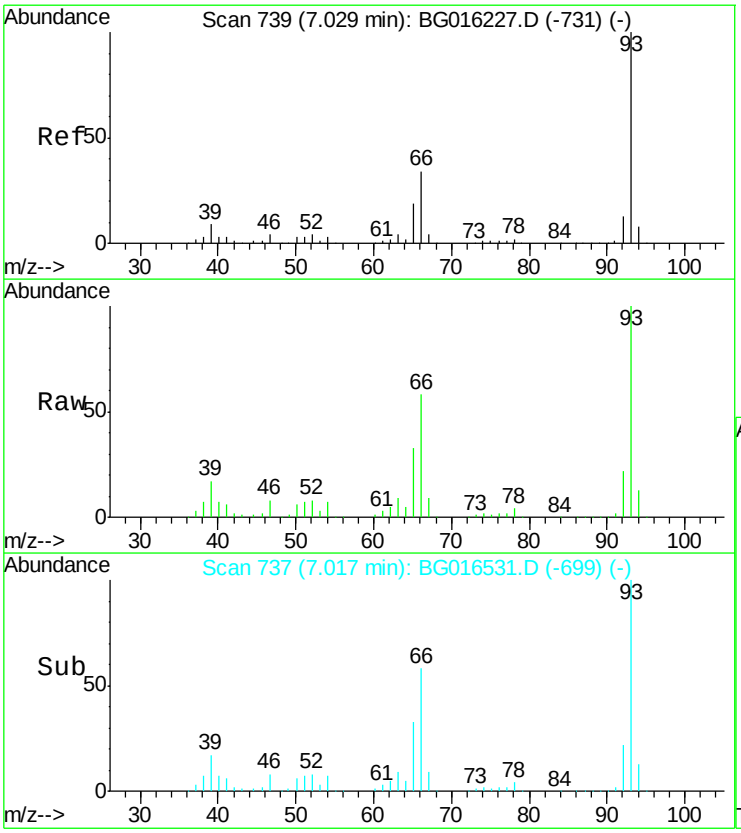
#5
2-Fluorophenol
Concen: 7.86 ng
RT: 5.25 min Scan# 436
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:112 Resp: 37851

Ion	Ratio	Lower	Upper
112	100		
64	48.9	44.5	66.7
63	24.2	21.4	32.0

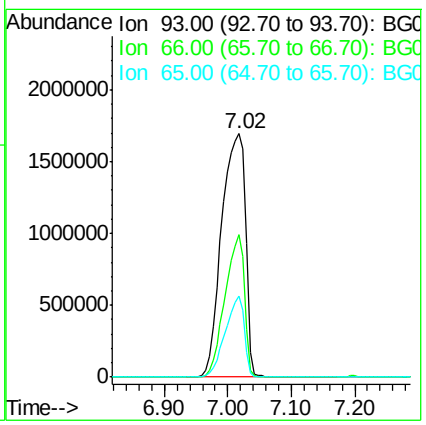


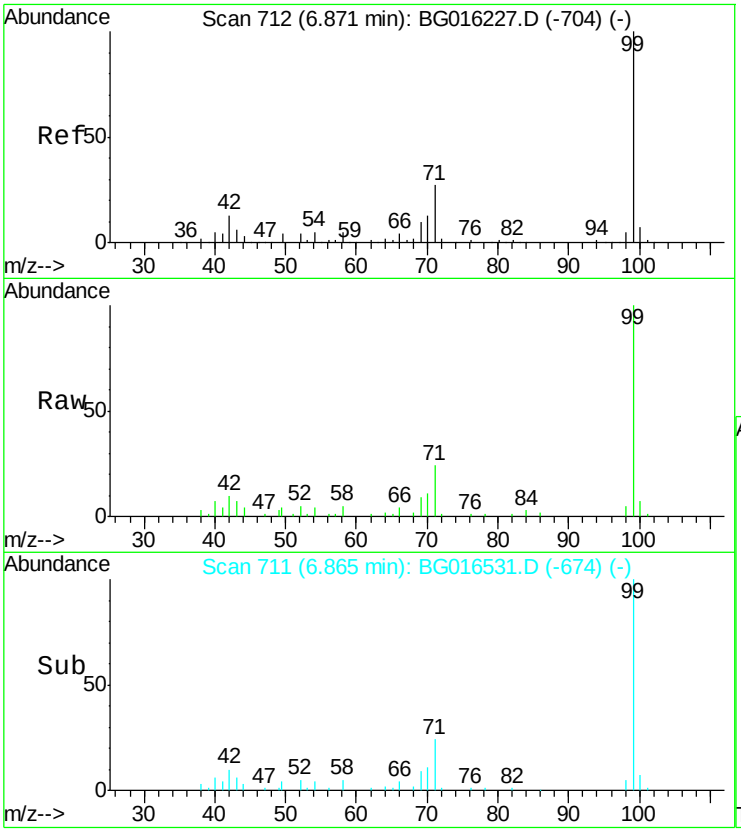


#6
Aniline
Concen: 425.68 ng
RT: 7.02 min Scan# 737
Delta R.T. 0.02 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion: 93 Resp: 4397195

Ion	Ratio	Lower	Upper
93	100		
66	58.4	27.5	41.3#
65	33.4	15.1	22.7#



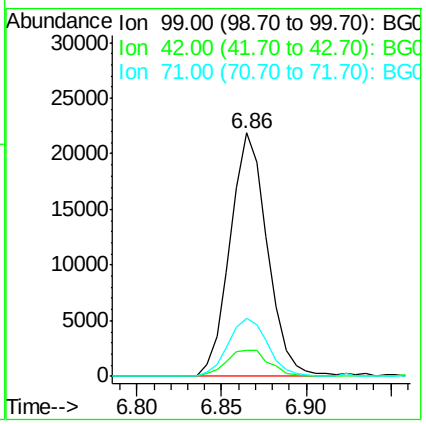


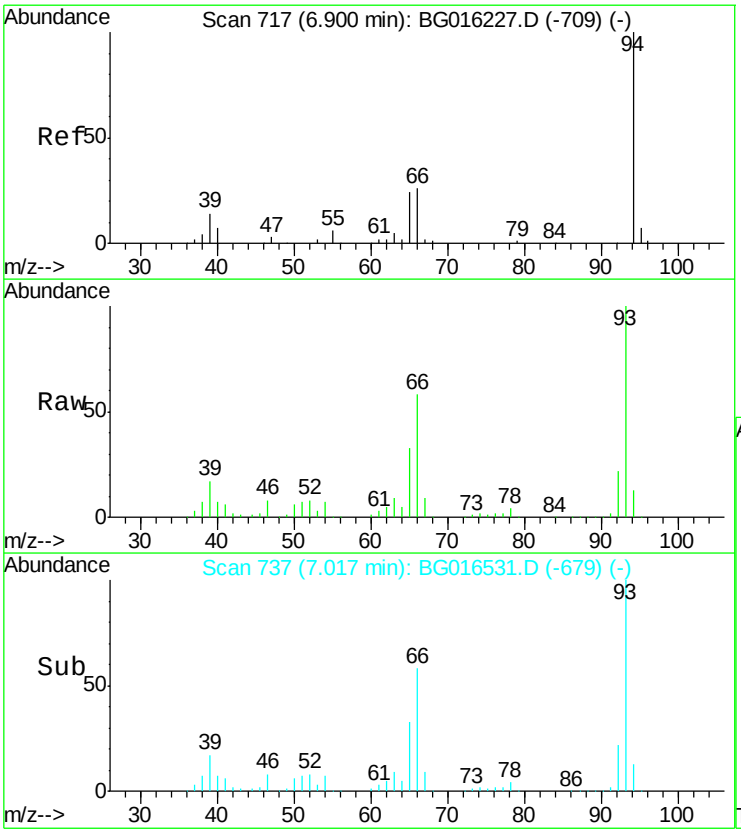
#7
Phenol-d6
Concen: 4.65 ng
RT: 6.86 min Scan# 711
Delta R.T. 0.02 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion: 99 Resp: 33646

Ion	Ratio	Lower	Upper
99	100		
42	10.5	10.0	15.0
71	23.6	21.5	32.3

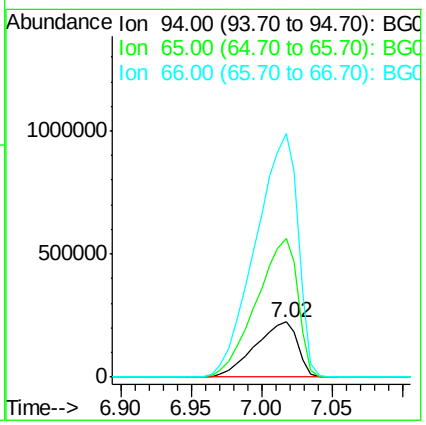


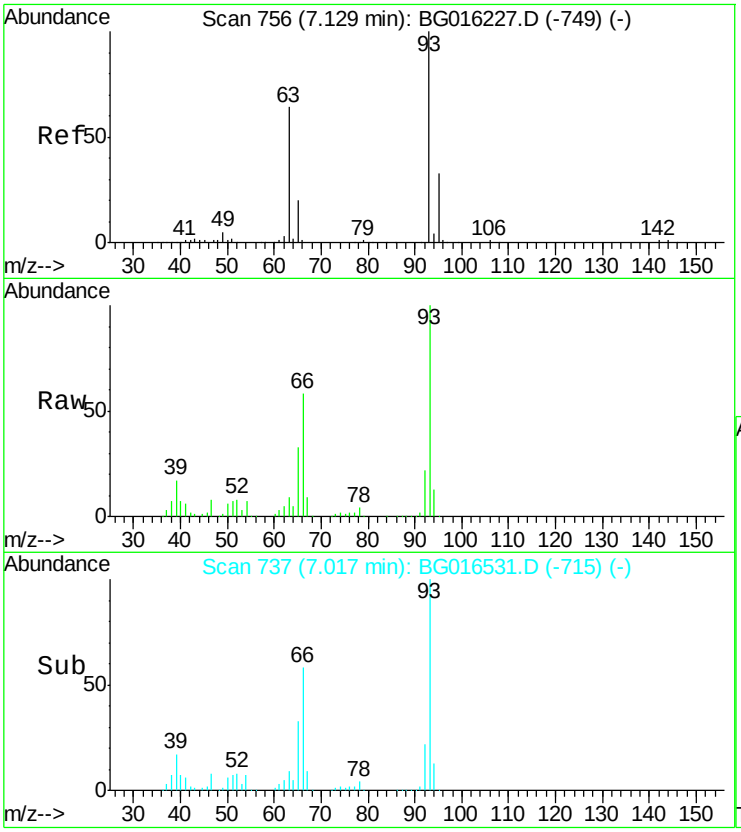


#10
Phenol
Concen: 60.78 ng
RT: 7.02 min Scan# 737
Delta R.T. 0.14 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion: 94 Resp: 470323

Ion	Ratio	Lower	Upper
94	100		
65	251.2	3.8	43.8#
66	439.4	7.4	47.4#



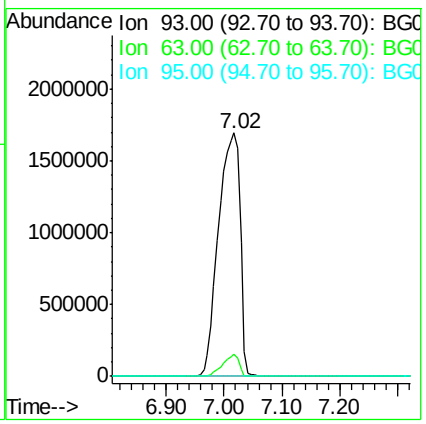


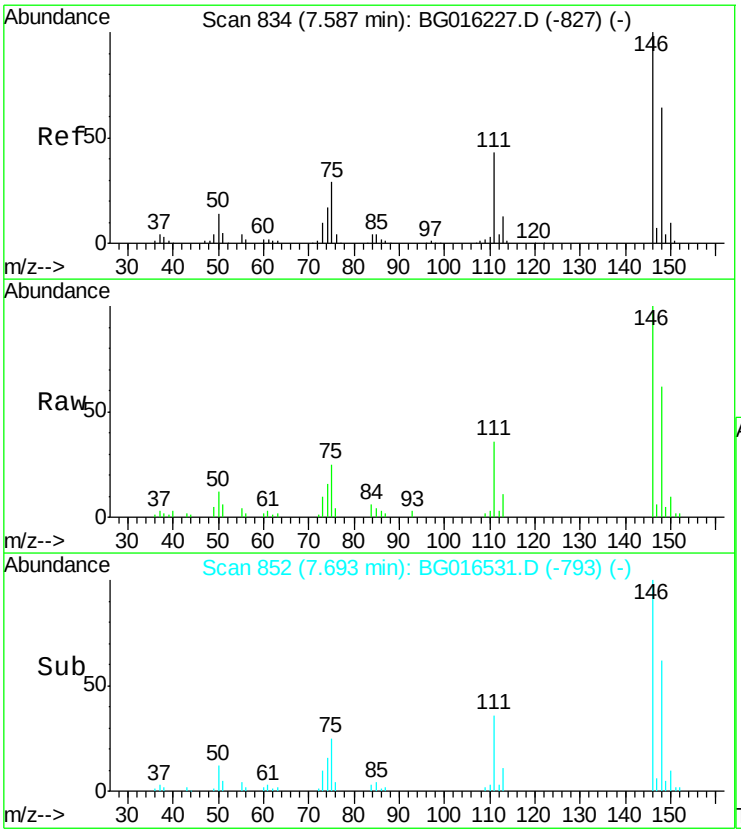
#11
bis(2-Chloroethyl)ether
Concen: 712.95 ng
RT: 7.02 min Scan# 737
Delta R.T. -0.07 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion: 93 Resp: 4399308

Ion	Ratio	Lower	Upper
93	100		
63	9.0	44.1	84.1#
95	0.4	12.5	52.5#

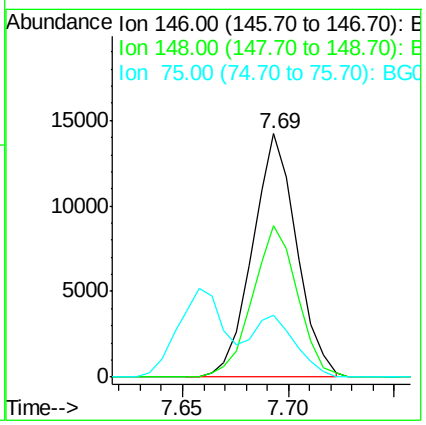


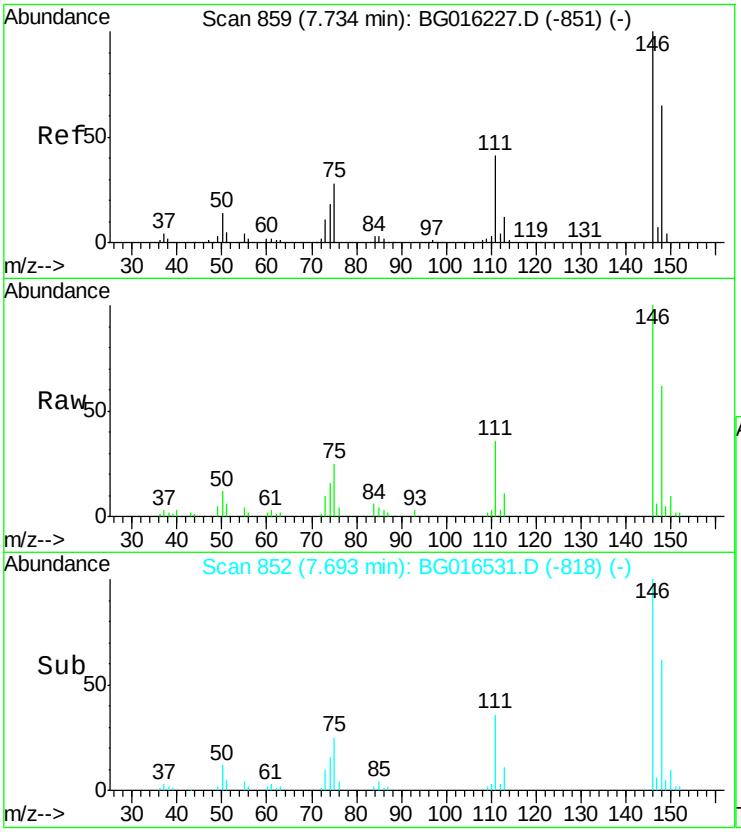


#12
1,3-Dichlorobenzene
Concen: 3.54 ng
RT: 7.69 min Scan# 852
Delta R.T. 0.15 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:146 Resp: 20664

Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.9	76.3
75	25.3	23.3	34.9



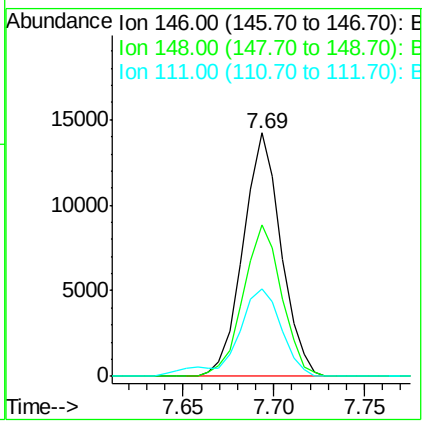


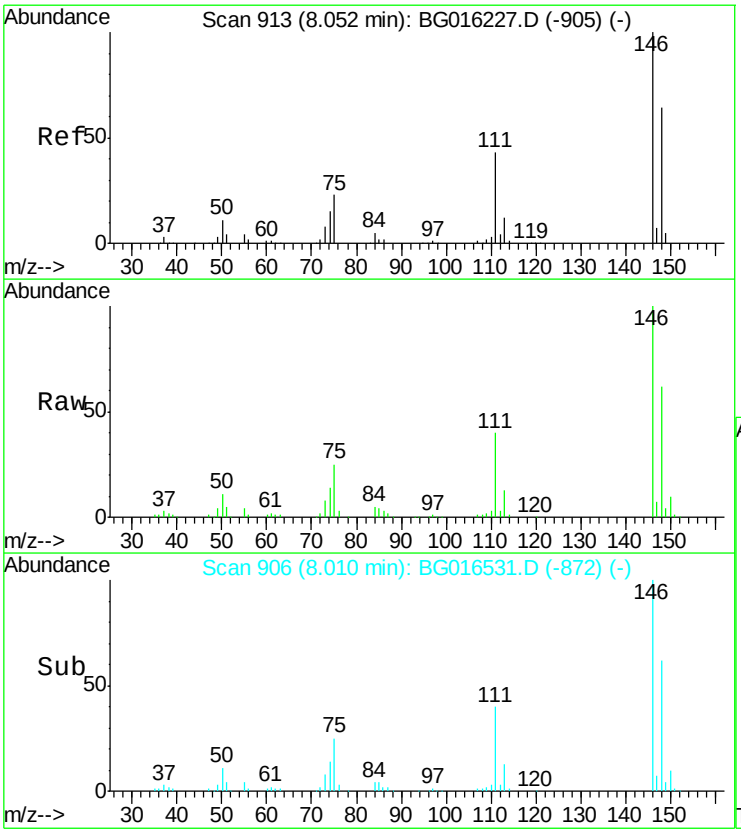
#13
1,4-Dichlorobenzene
Concen: 3.41 ng
RT: 7.69 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:146 Resp: 20663

Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.0	78.0
111	36.2	32.6	49.0

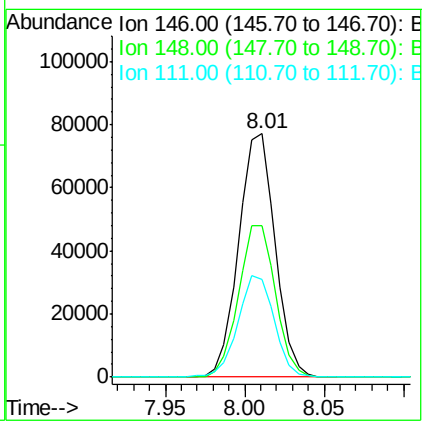


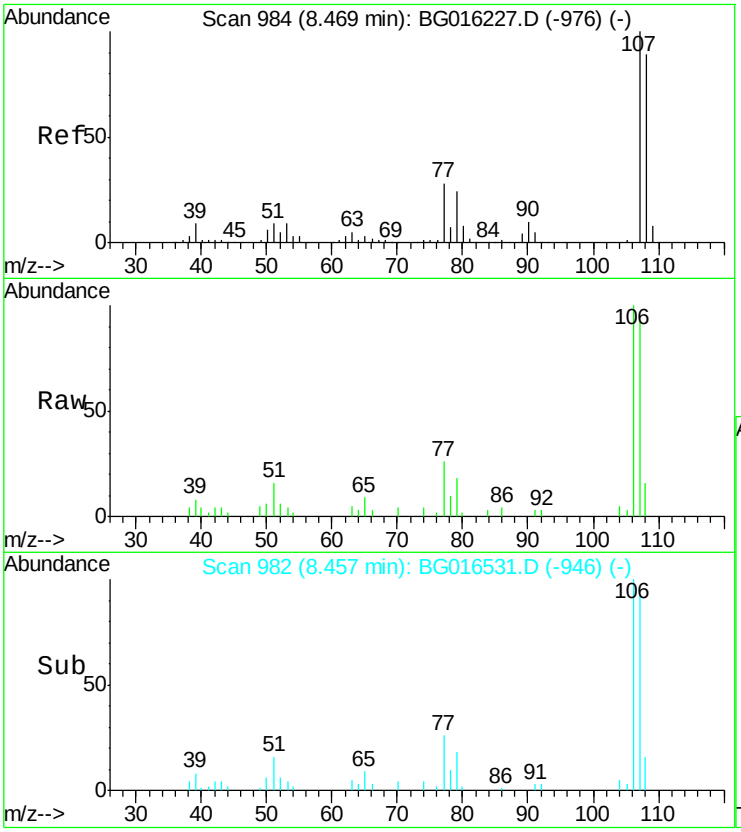


#14
1,2-Dichlorobenzene
Concen: 21.17 ng
RT: 8.01 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:146 Resp: 122729

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.9	76.3
111	40.2	34.7	52.1



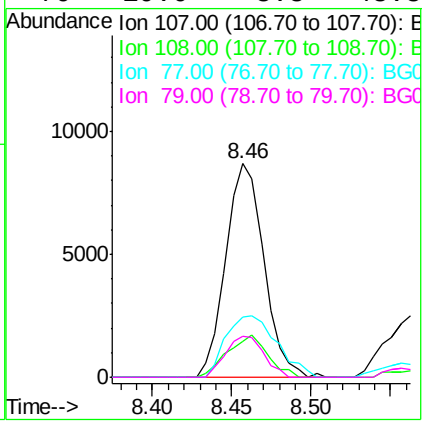


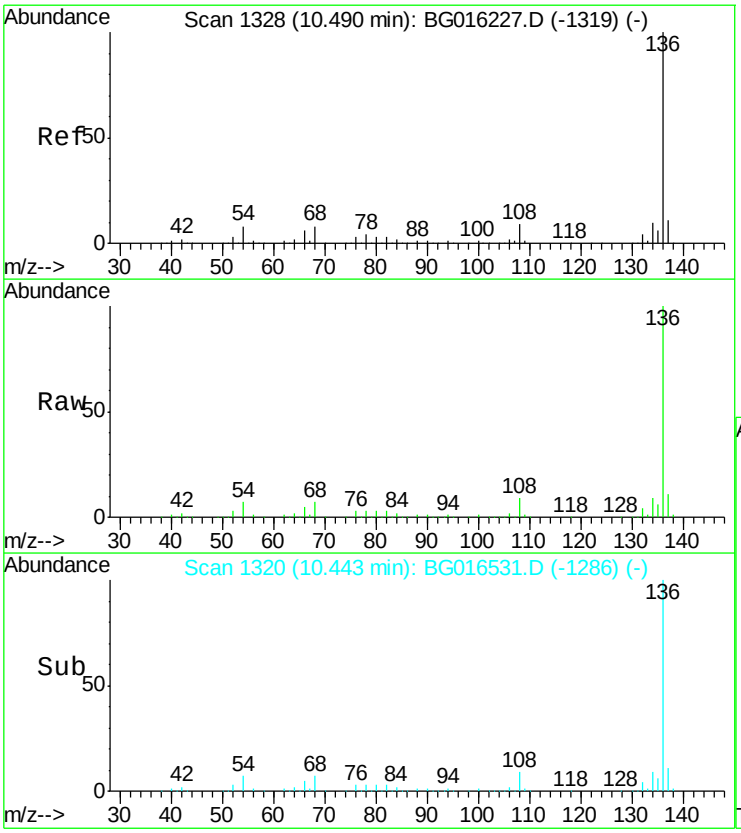
#20
3+4-Methylphenols
Concen: 2.01 ng
RT: 8.46 min Scan# 982
Delta R.T. 0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:107 Resp: 14468

Ion	Ratio	Lower	Upper
107	100		
108	16.7	69.5	109.5#
77	28.0	8.2	48.2
79	19.0	3.8	43.8

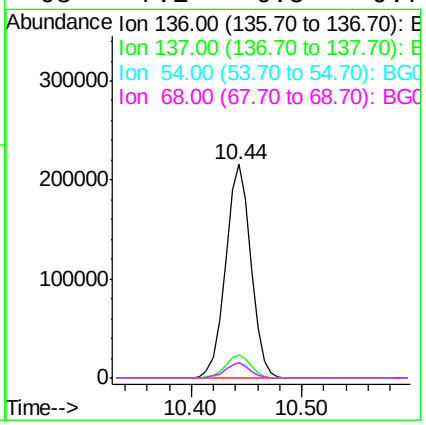


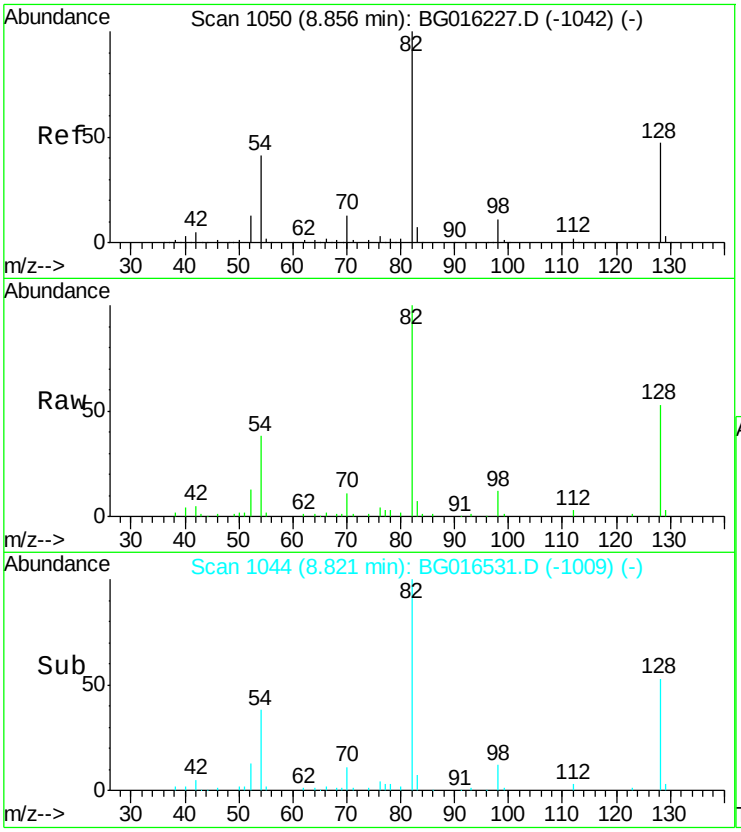


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.44 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:136 Resp: 345279

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.0	6.3	9.5
68	7.1	6.5	9.7



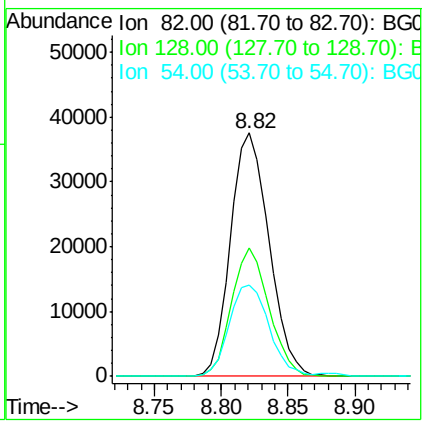


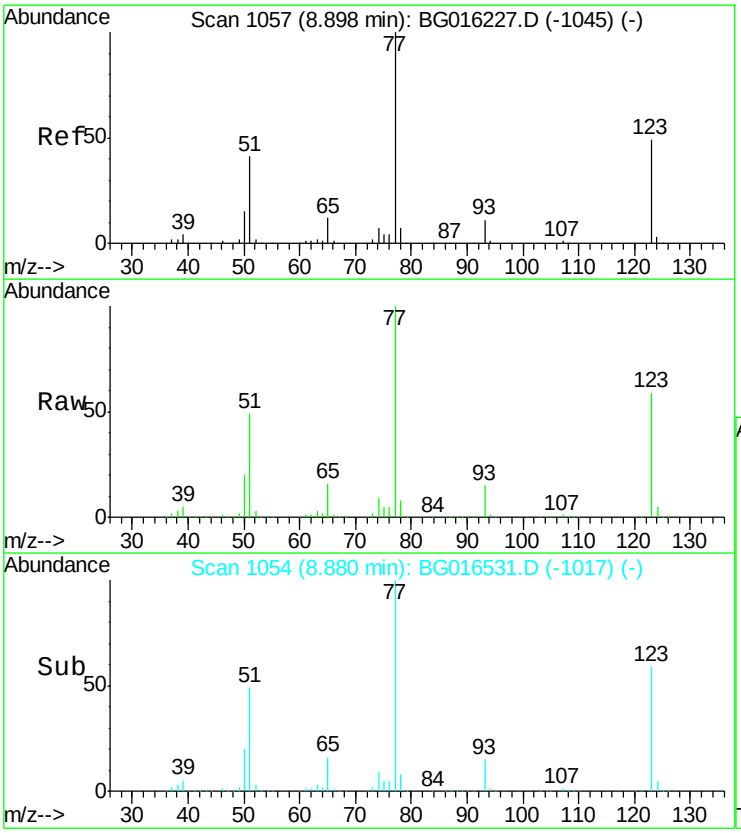
#23
Nitrobenzene-d5
Concen: 12.65 ng
RT: 8.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion: 82 Resp: 75381

Ion	Ratio	Lower	Upper
82	100		
128	52.8	37.8	56.8
54	37.6	32.6	49.0

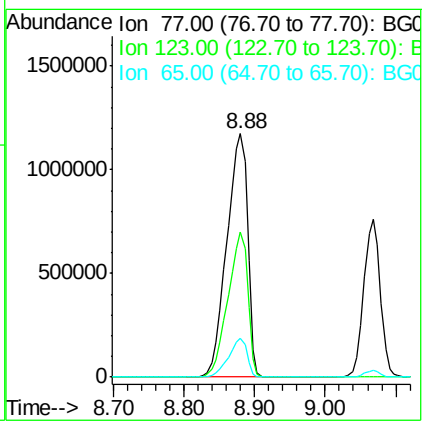


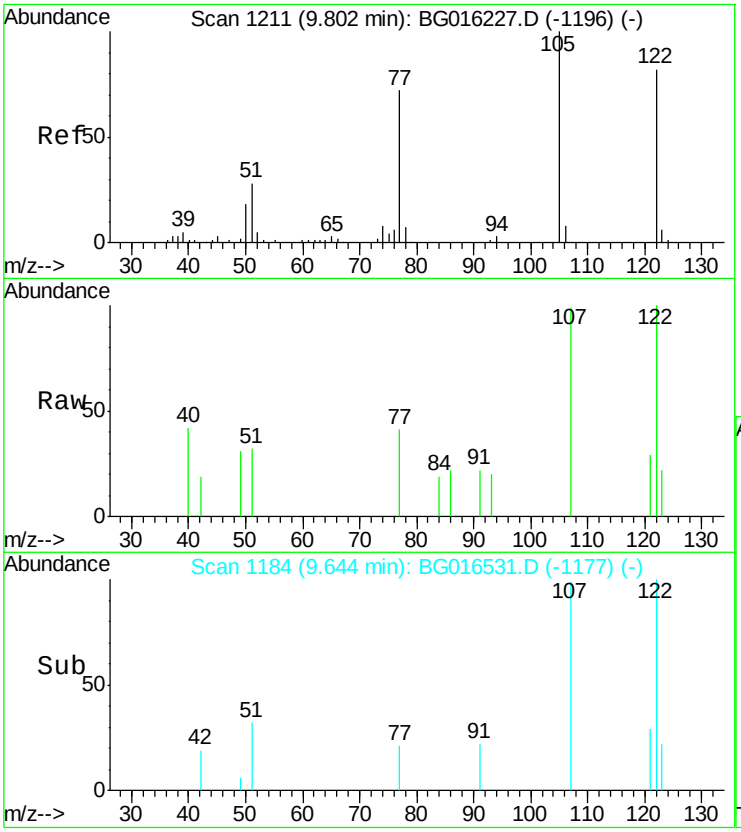


#24
Nitrobenzene
Concen: 377.87 ng
RT: 8.88 min Scan# 1054
Delta R.T. 0.02 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion: 77 Resp: 2408437

Ion	Ratio	Lower	Upper
77	100		
123	59.4	38.8	58.2#
65	15.9	9.4	14.2#



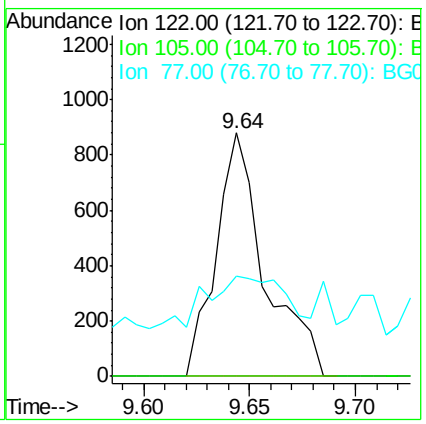


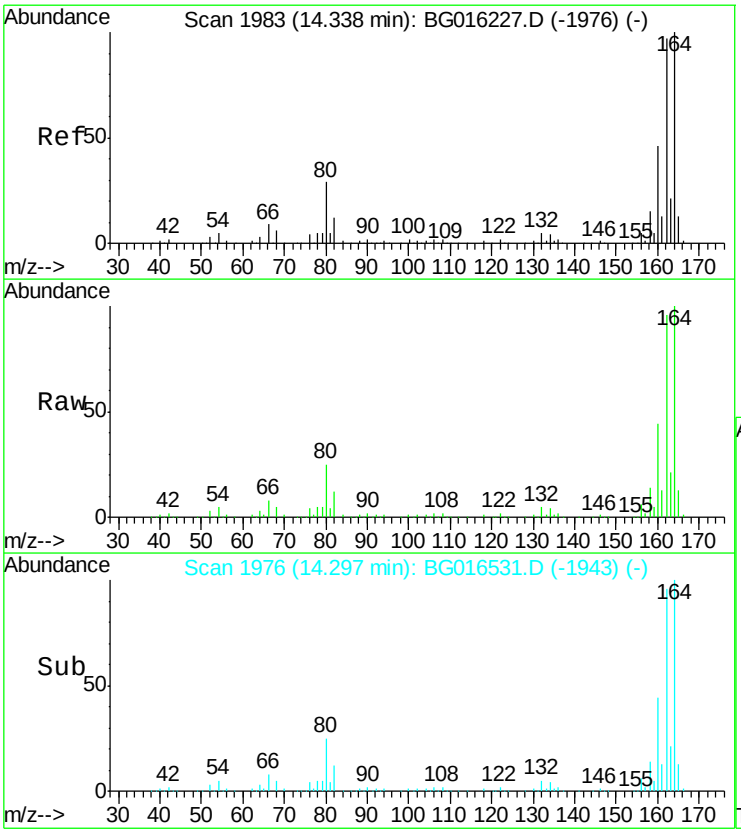
#32
Benzoic acid
Concen: 9.05 ng
RT: 9.64 min Scan# 1184
Delta R.T. -0.16 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:122 Resp: 1408

Ion	Ratio	Lower	Upper
122	100		
105	0.0	99.7	139.7#
77	41.1	66.8	106.8#

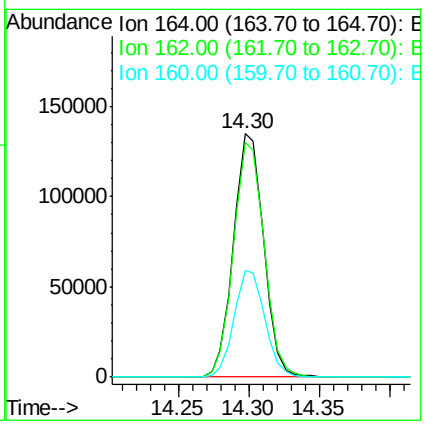


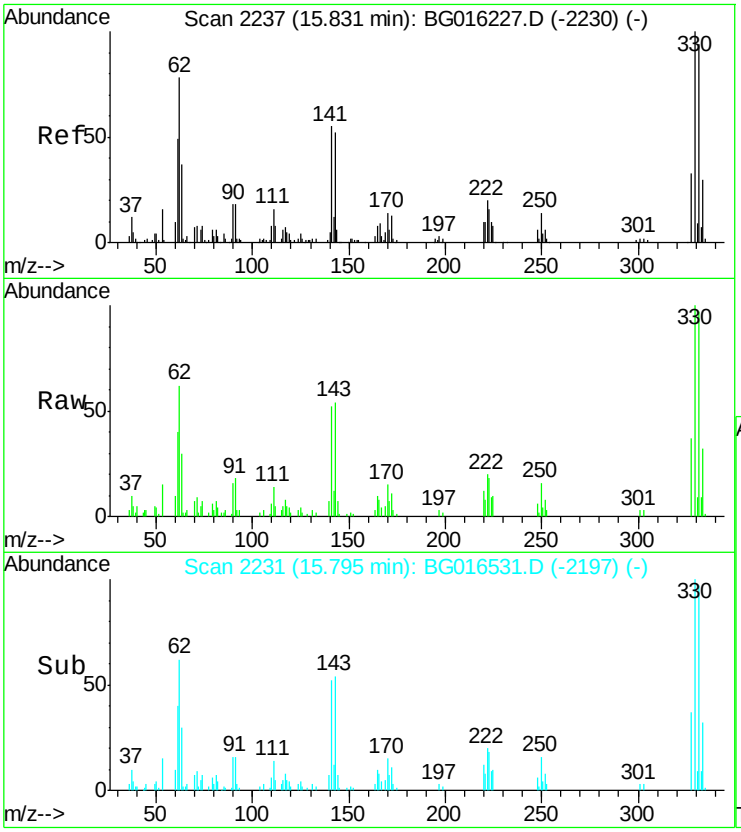


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.30 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:164 Resp: 201071

Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.3	115.9
160	43.6	36.7	55.1



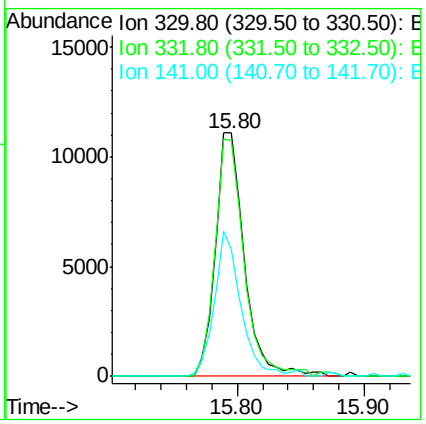


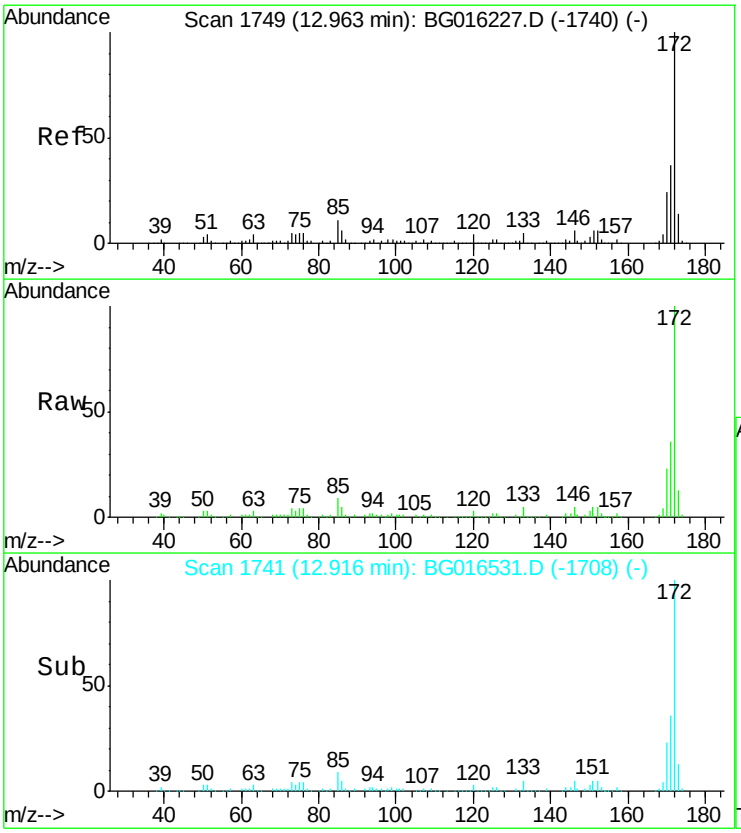
#41
2,4,6-Tribromophenol
Concen: 12.96 ng
RT: 15.80 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:330 Resp: 17630

Ion	Ratio	Lower	Upper
330	100		
332	98.0	75.8	113.6
141	55.4	46.6	69.8

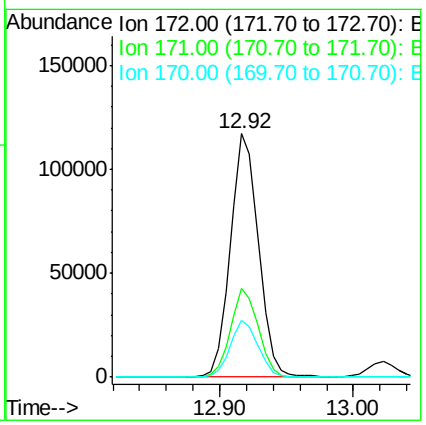


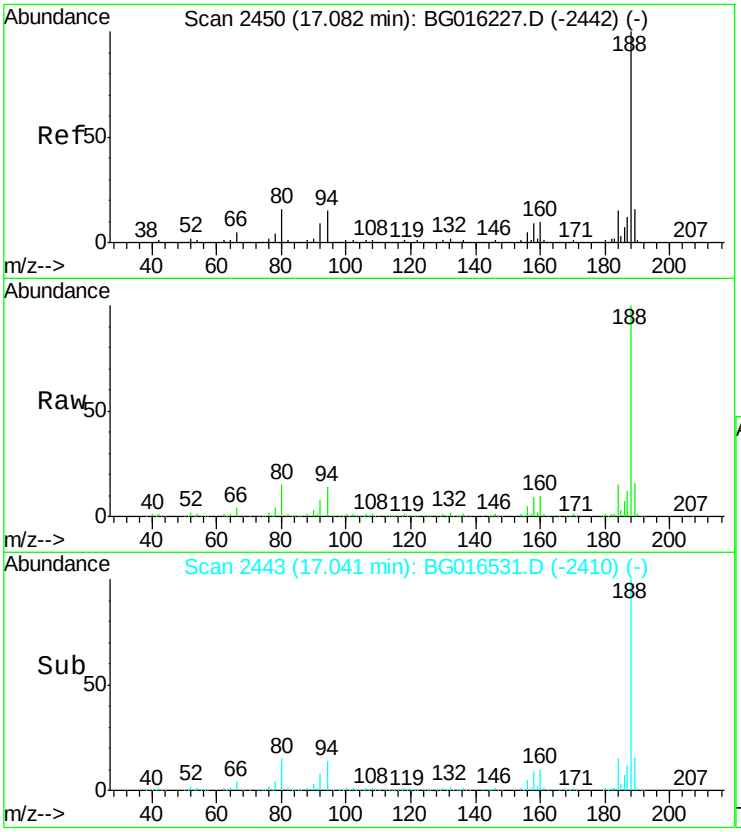


#44
2-Fluorobiphenyl
Concen: 14.54 ng
RT: 12.92 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:172 Resp: 171771

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.4	19.4	29.2



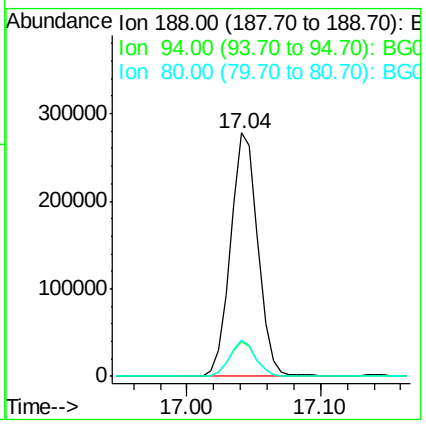


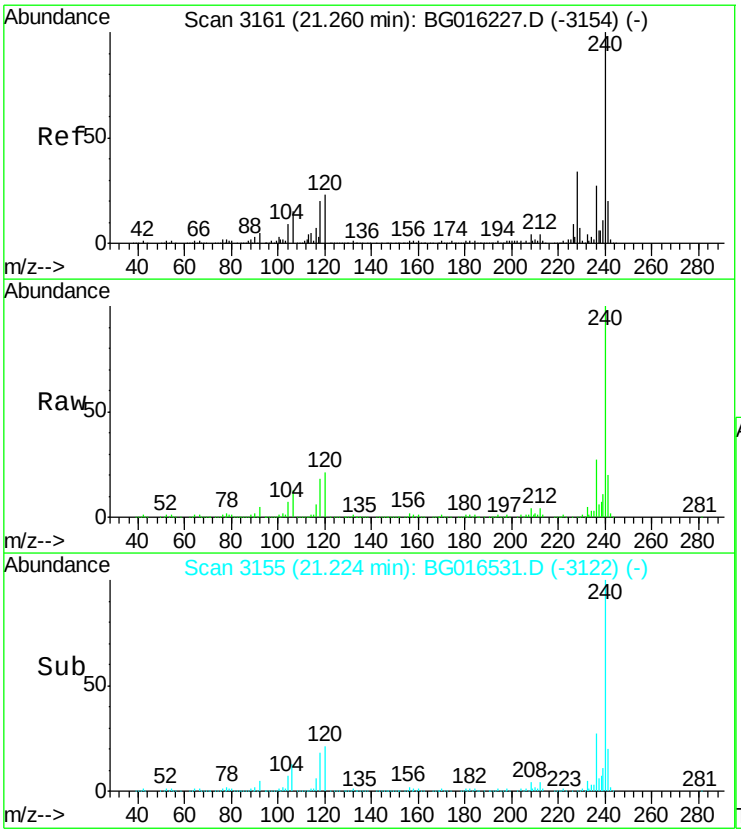
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:188 Resp: 396780

Ion	Ratio	Lower	Upper
188	100		
94	14.3	12.2	18.4
80	14.9	12.8	19.2

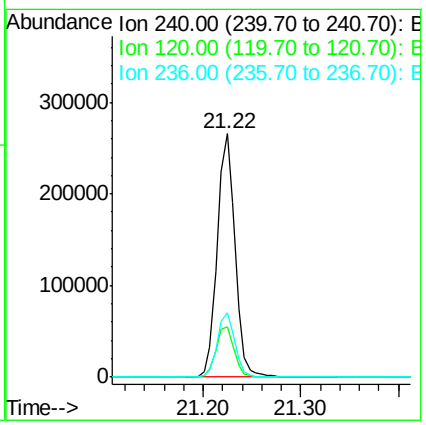


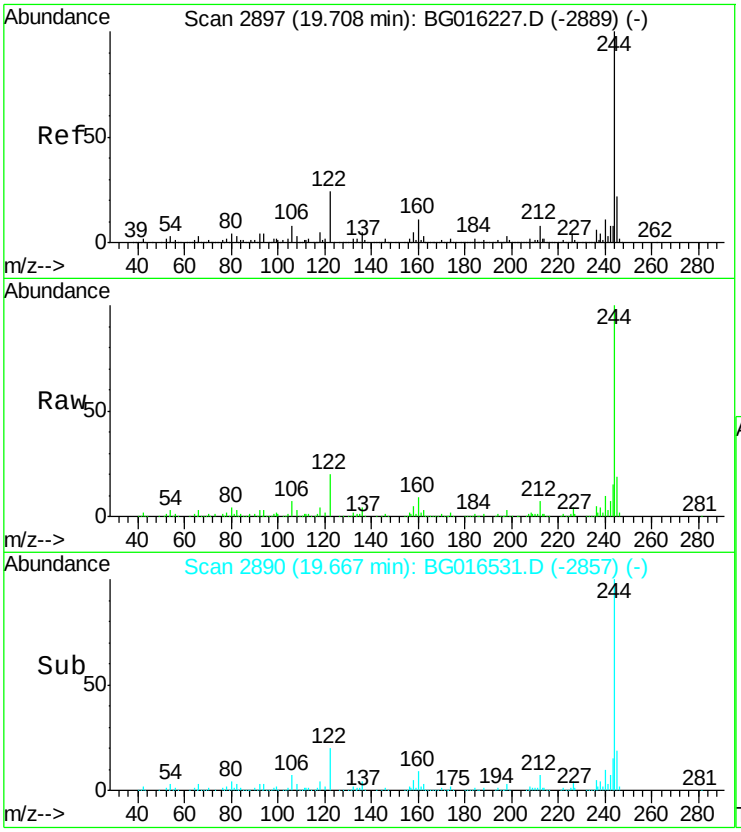


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.22 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:240 Resp: 336995

Ion	Ratio	Lower	Upper
240	100		
120	20.7	18.6	28.0
236	26.6	21.7	32.5



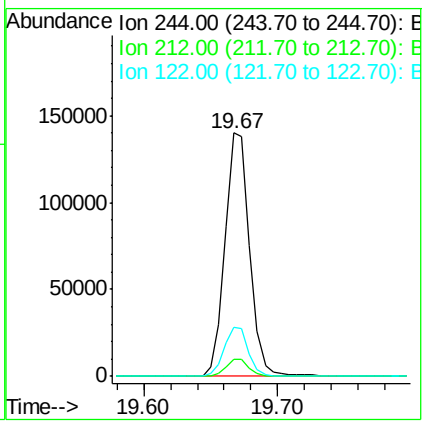


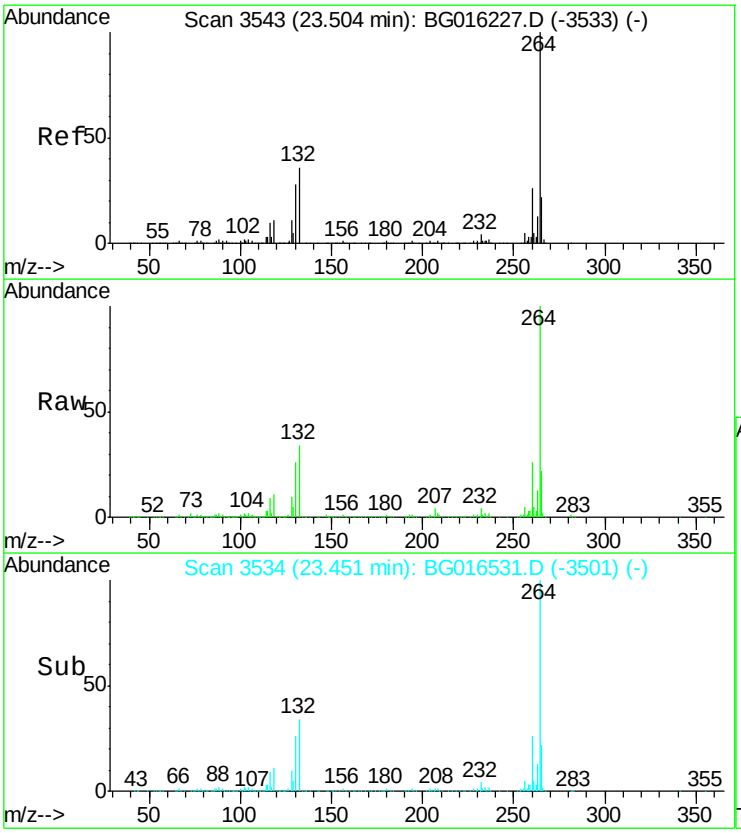
#78
Terphenyl-d14
Concen: 12.65 ng
RT: 19.67 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Instrument :
BNA_G
ClientSampleId :
EFFWW

Tgt Ion:244 Resp: 182110

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	9.8
122	20.0	19.1	28.7





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.45 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BG016531.D
Acq: 18 Apr 2015 21:23

Tgt Ion:264 Resp: 313285

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	21.7	17.2	25.8