Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
Data File : BG016561.D
Acq On : 20 Apr 2015 21:01
Operator : TP/IZ
Sample : G1898-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-40

Quant Time: Apr 21 01:53:57 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 01:34:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	71027	20.00	ng		0.01
21) Naphthalene-d8	10.43	136	316580	20.00	ng		0.00
38) Acenaphthene-d10	14.29	164	197445	20.00	ng		0.00
63) Phenanthrene-d10	17.04	188	389080	20.00	ng		0.00
75) Chrysene-d12	21.21	240	329498	20.00	ng		0.00
86) Perylene-d12	23.43	264	308658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	277467	61.65	ng		0.01
7) Phenol-d6	6.84	99	247490	36.63	ng		0.01
23) Nitrobenzene-d5	8.81	82	451488	82.62	ng		0.00
41) 2,4,6-Tribromophenol	15.79	330	183334	137.30	ng		0.00
44) 2-Fluorobiphenyl	12.91	172	1025604	88.44	ng		0.00
78) Terphenyl-d14	19.66	244	1067452	75.82	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	8.75	117	47954	22.14	ng	#	1
31) Naphthalene	10.49	128	420646	25.50	ng		99
32) Benzoic acid	9.86	122	68	8.75	ng	#	1
37) 2-Methylnaphthalene	12.10	142	464722	39.16	ng		99
53) 2,4-Dinitrophenol	14.46	184	586	8.52	ng	#	1
64) 4,6-Dinitro-2-methylphenol	15.42	198	239	3.97	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042015\
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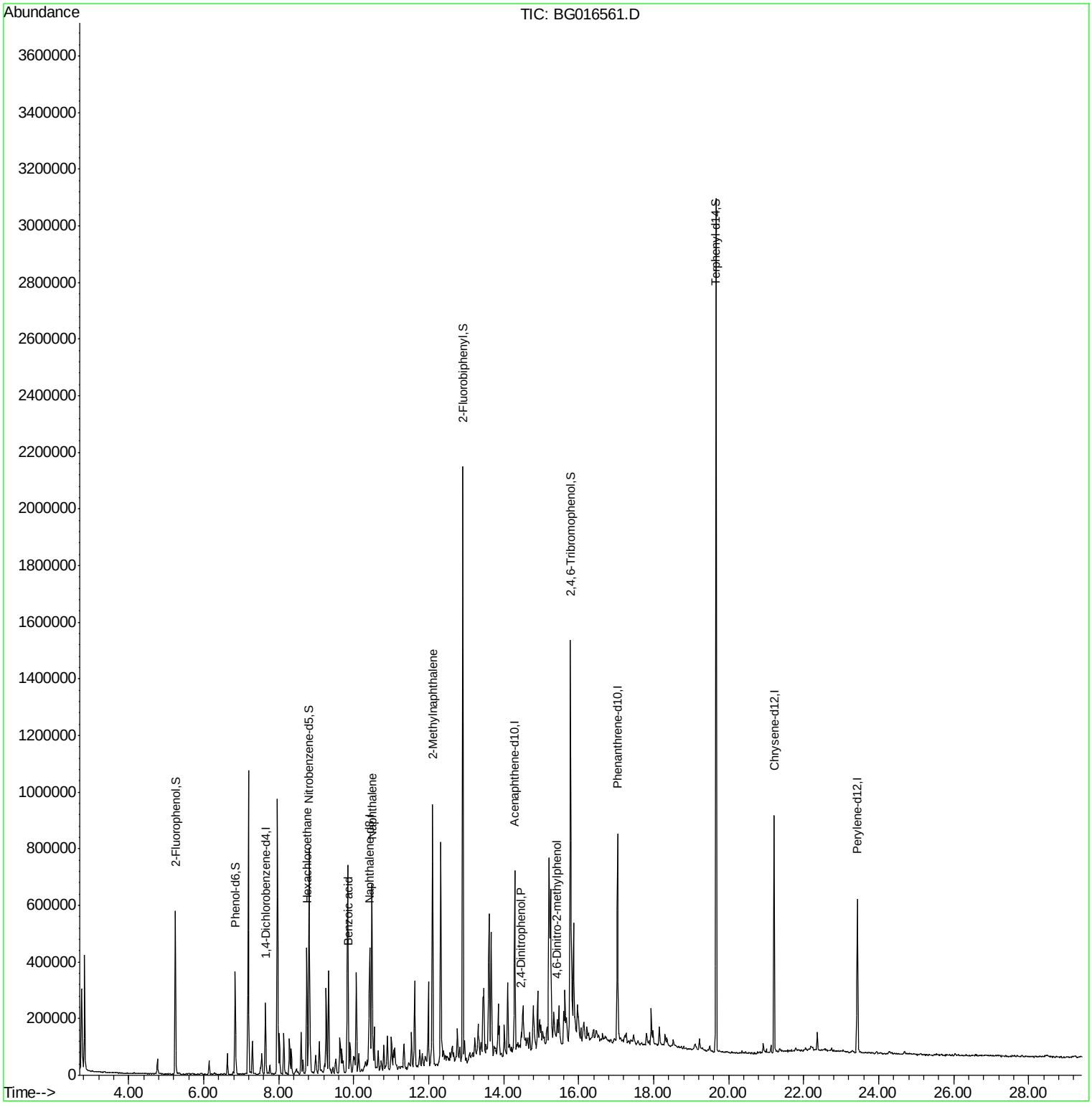
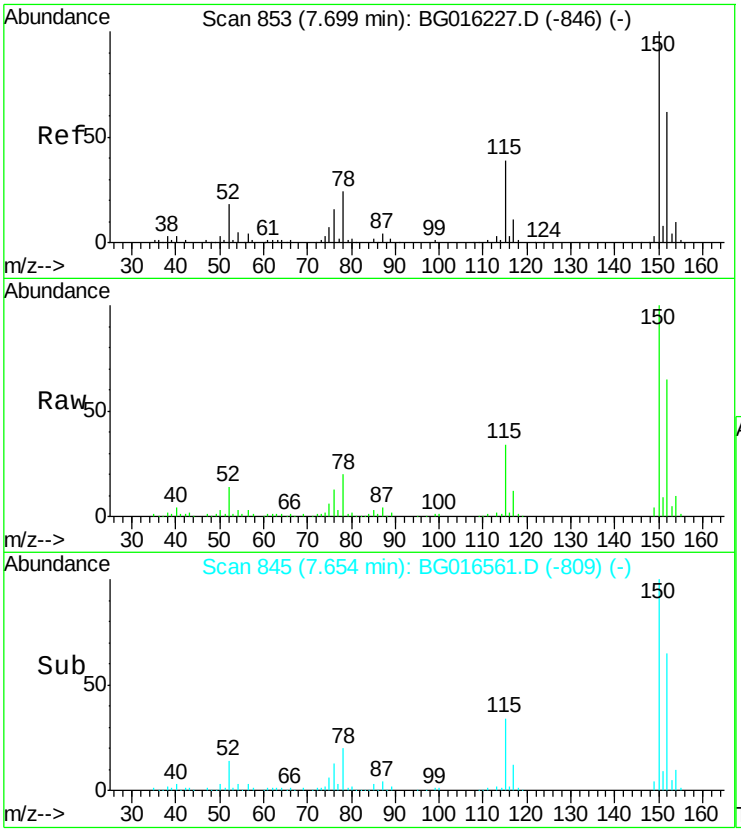


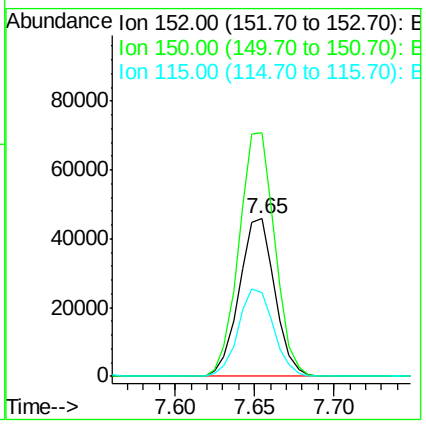


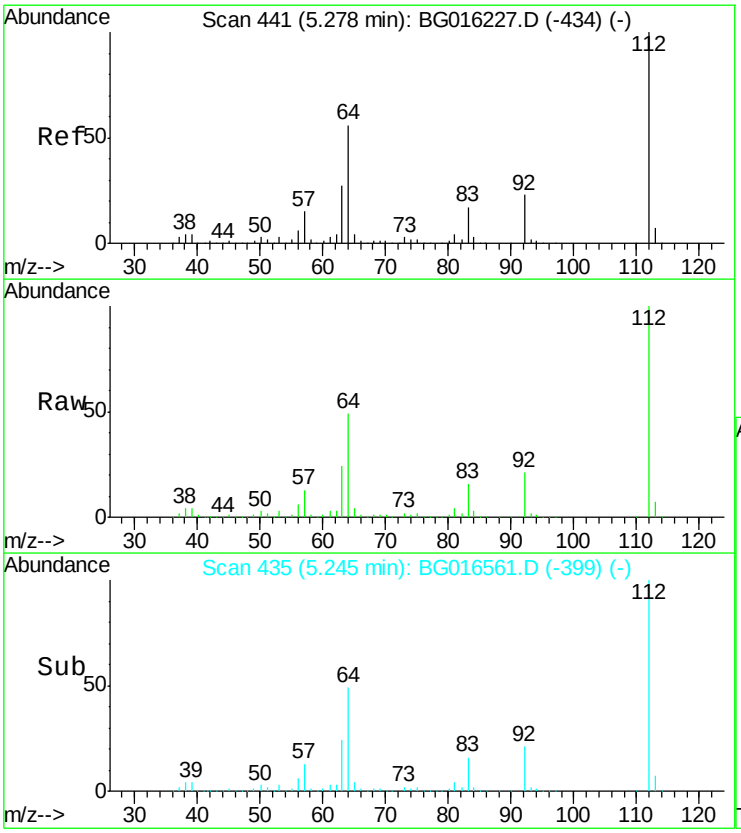
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.65 min Scan# 845
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:152 Resp: 71027

Ion	Ratio	Lower	Upper
152	100		
150	154.7	130.1	195.1
115	53.1	50.5	75.7

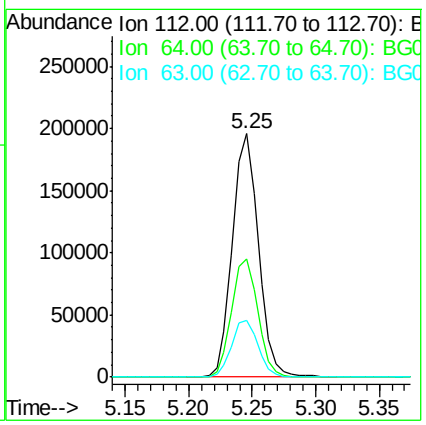


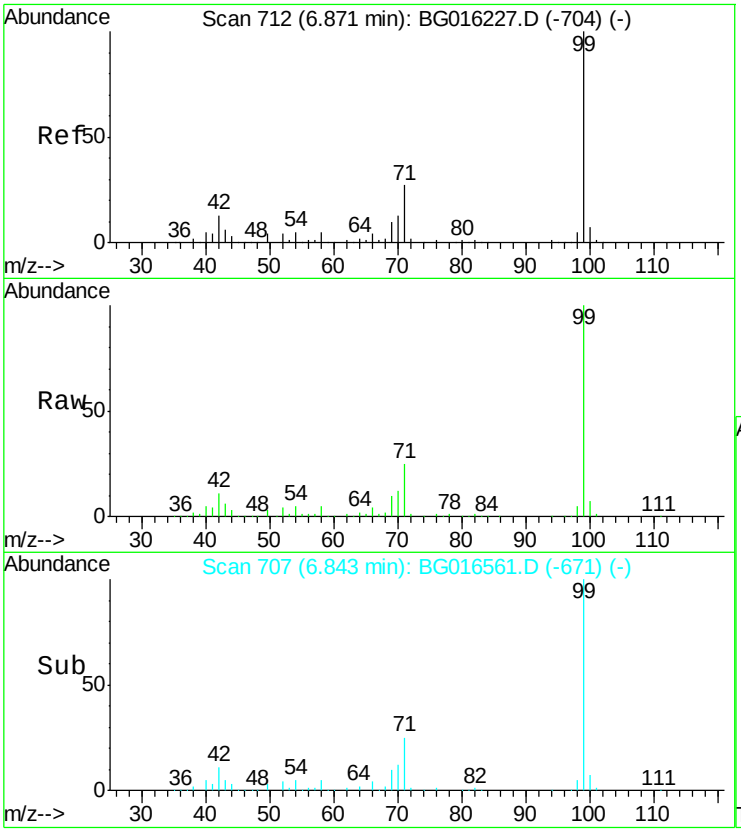


#5
2-Fluorophenol
Concen: 61.65 ng
RT: 5.25 min Scan# 435
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:112 Resp: 277467

Ion	Ratio	Lower	Upper
112	100		
64	48.7	44.5	66.7
63	23.5	21.4	32.0



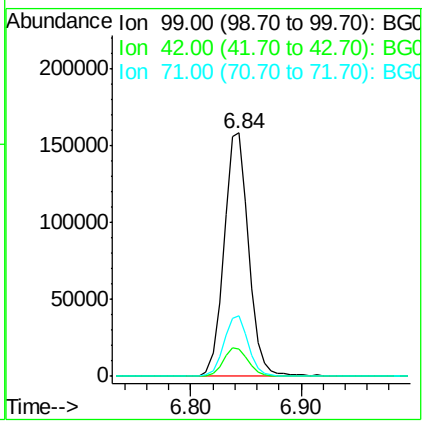


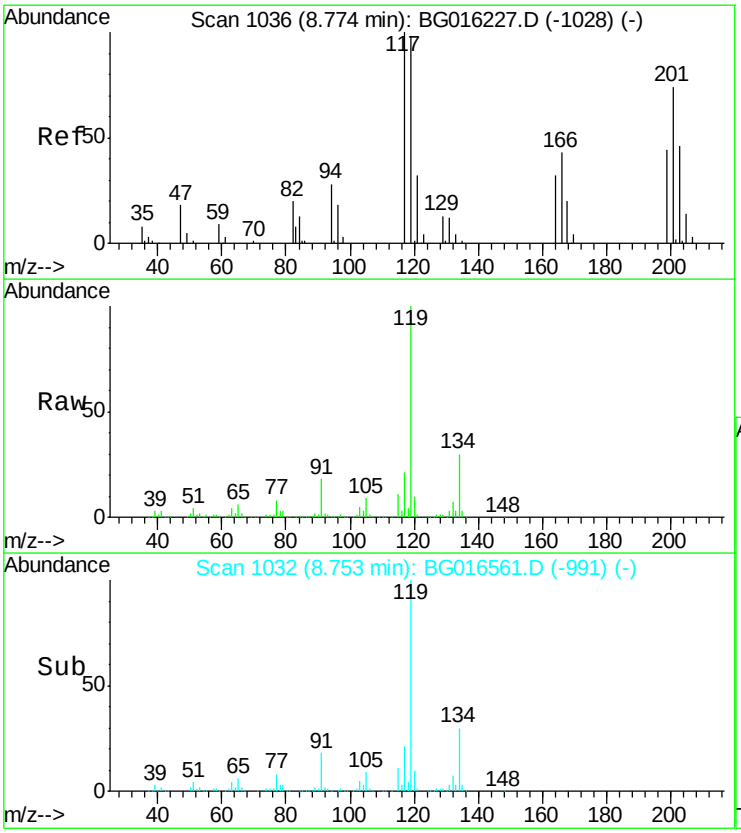
#7
Phenol-d6
Concen: 36.63 ng
RT: 6.84 min Scan# 707
Delta R.T. 0.01 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion: 99 Resp: 247490

Ion	Ratio	Lower	Upper
99	100		
42	11.3	10.0	15.0
71	25.1	21.5	32.3

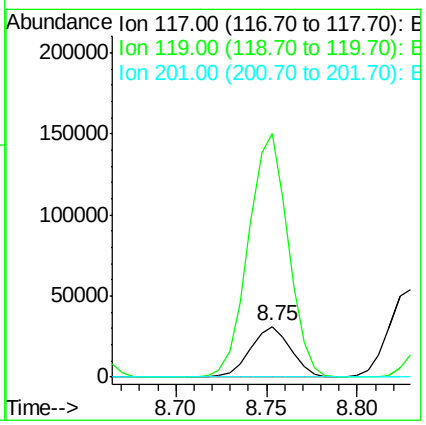


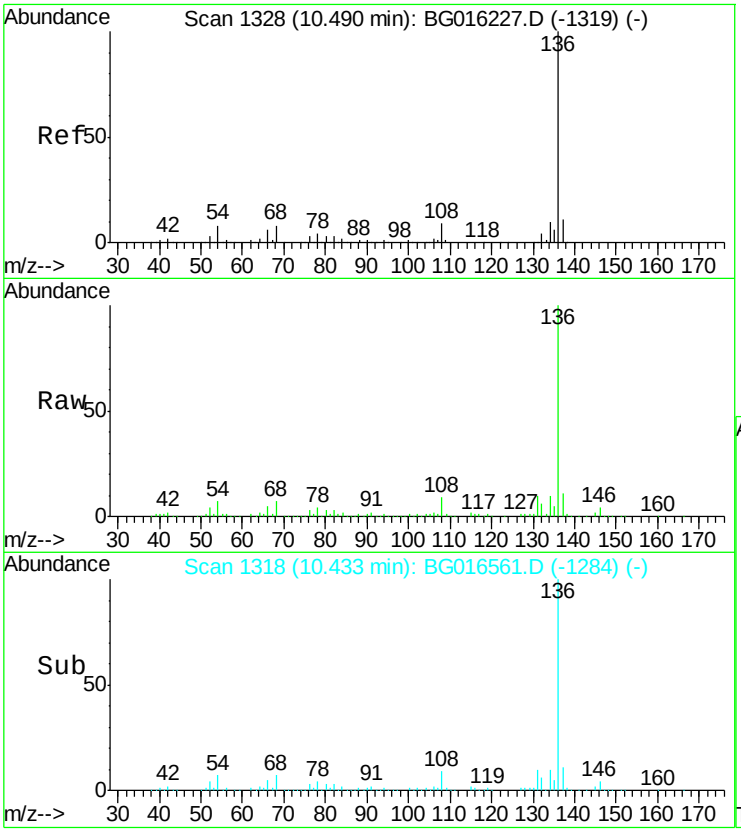


#18
Hexachloroethane
Concen: 22.14 ng
RT: 8.75 min Scan# 1032
Delta R.T. 0.04 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:117 Resp: 47954

Ion	Ratio	Lower	Upper
117	100		
119	479.4	78.8	118.2#
201	0.0	59.0	88.4#



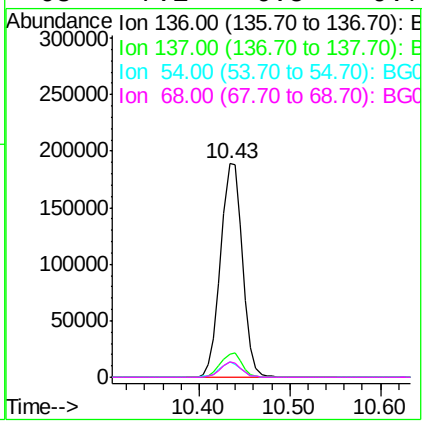


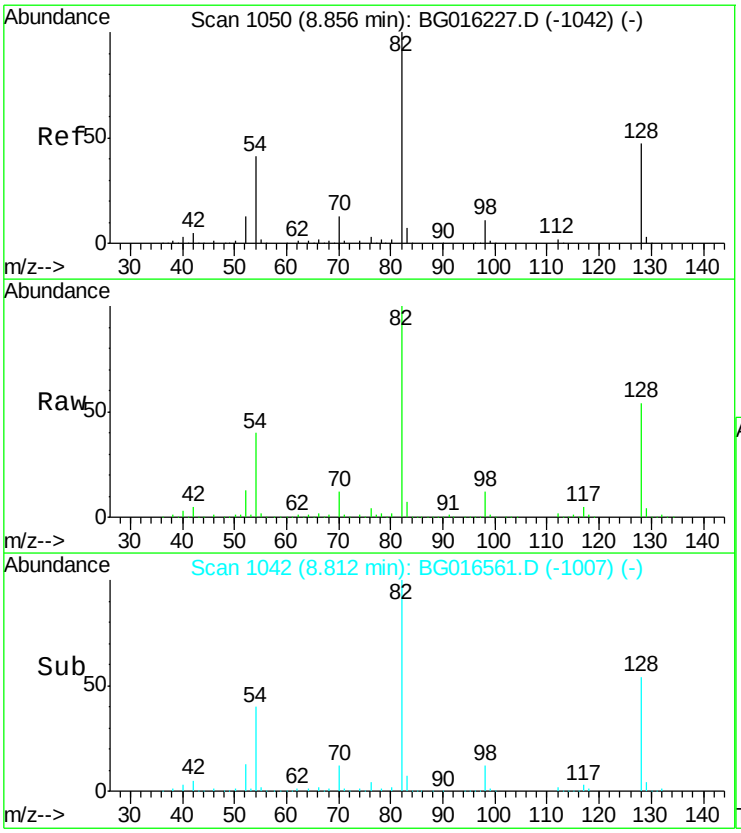
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.43 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:136 Resp: 316580

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

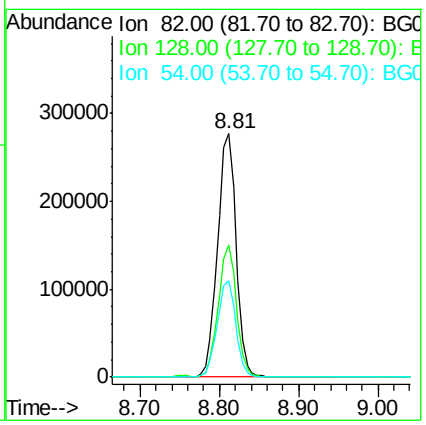


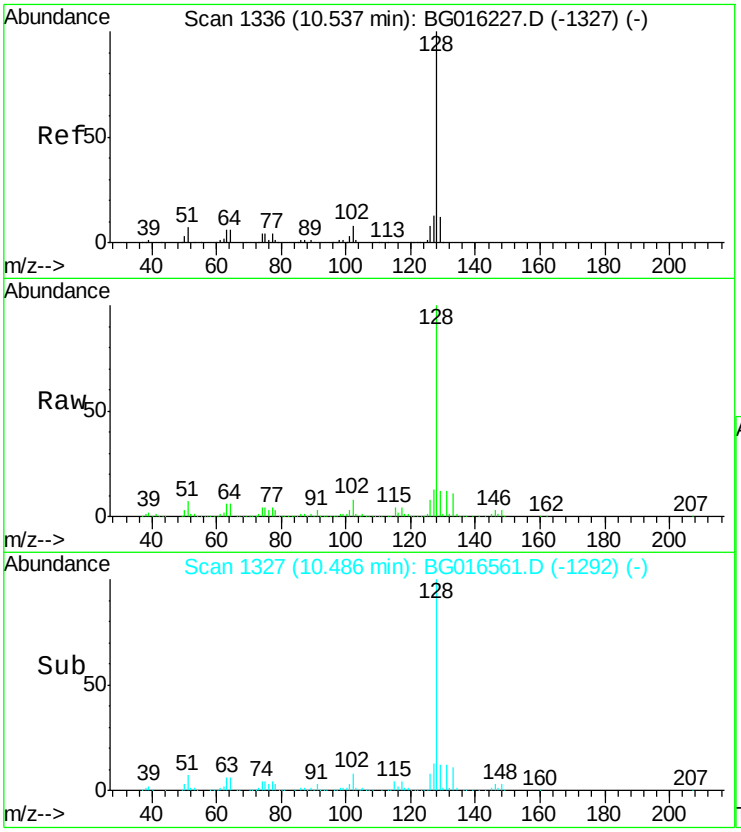


#23
Nitrobenzene-d5
Concen: 82.62 ng
RT: 8.81 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion: 82 Resp: 451488

Ion	Ratio	Lower	Upper
82	100		
128	54.1	37.8	56.8
54	39.5	32.6	49.0



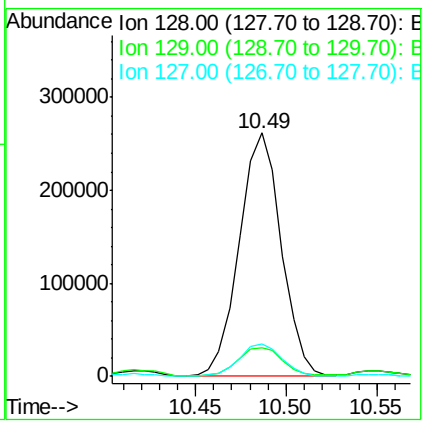


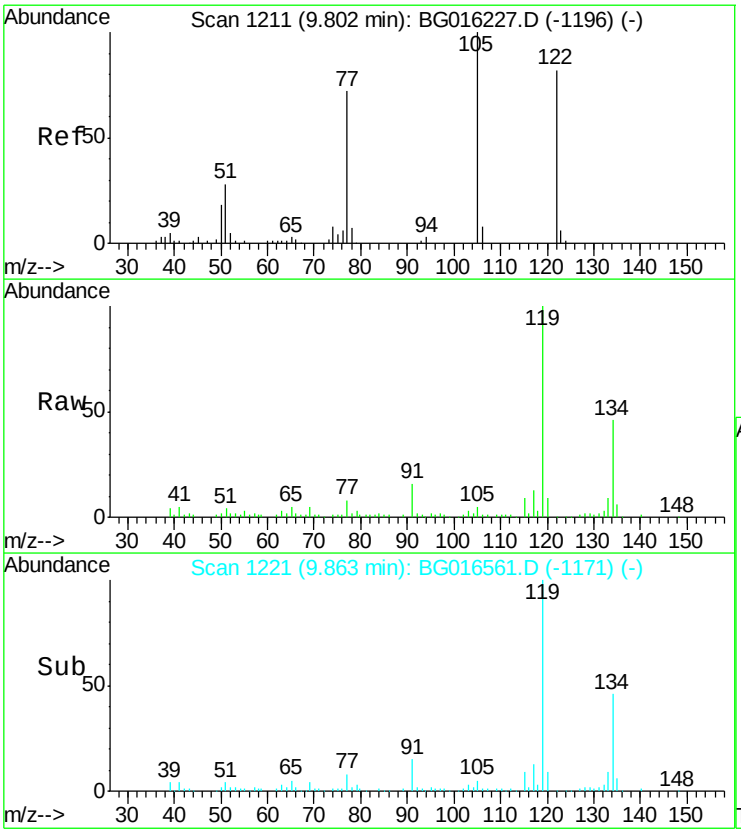
#31
Naphthalene
Concen: 25.50 ng
RT: 10.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:128 Resp: 420646

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.3	10.6	16.0

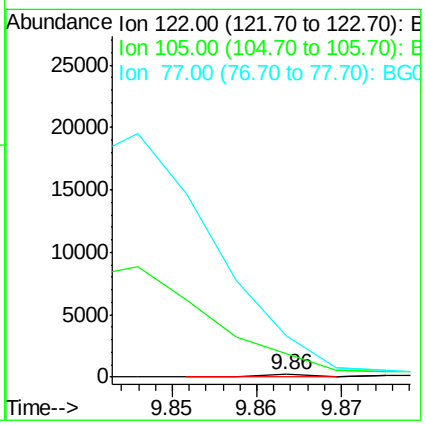


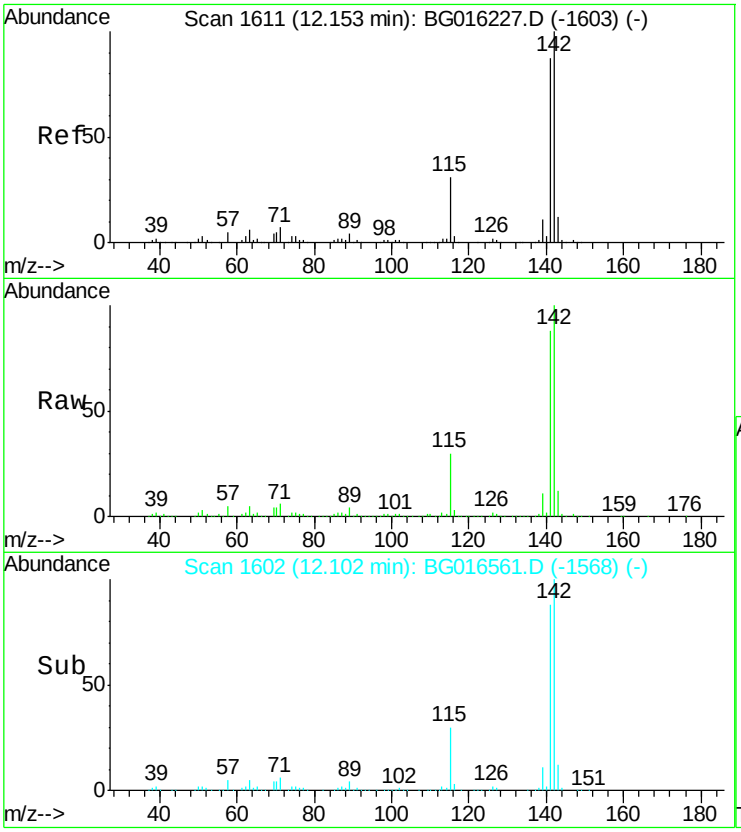


#32
Benzoic acid
Concen: 8.75 ng
RT: 9.86 min Scan# 1221
Delta R.T. 0.09 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:122 Resp: 68

Ion	Ratio	Lower	Upper
122	100		
105	1002.6	99.7	139.7#
77	1706.8	66.8	106.8#



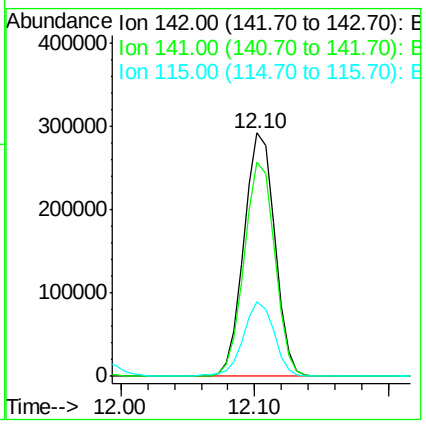


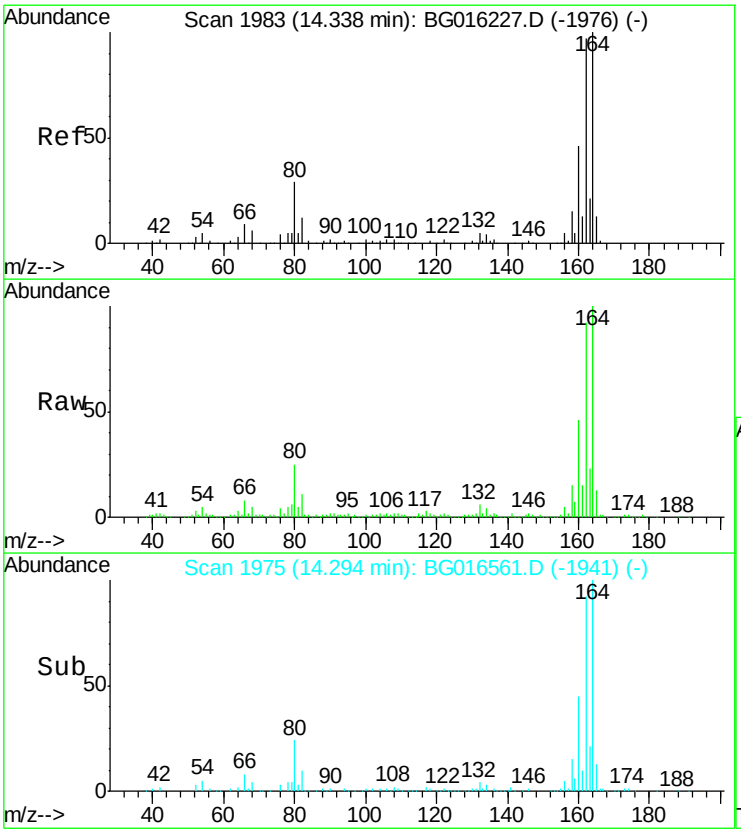
#37
2-Methylnaphthalene
Concen: 39.16 ng
RT: 12.10 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:142 Resp: 464722

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.3	103.9
115	30.5	25.0	37.6

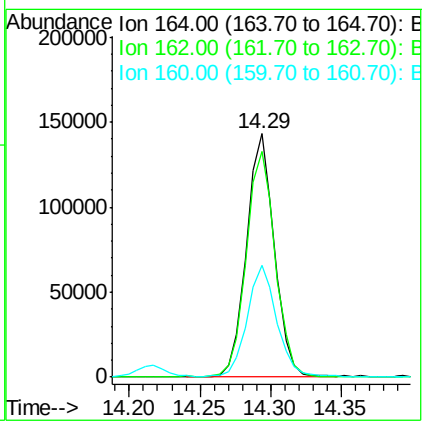


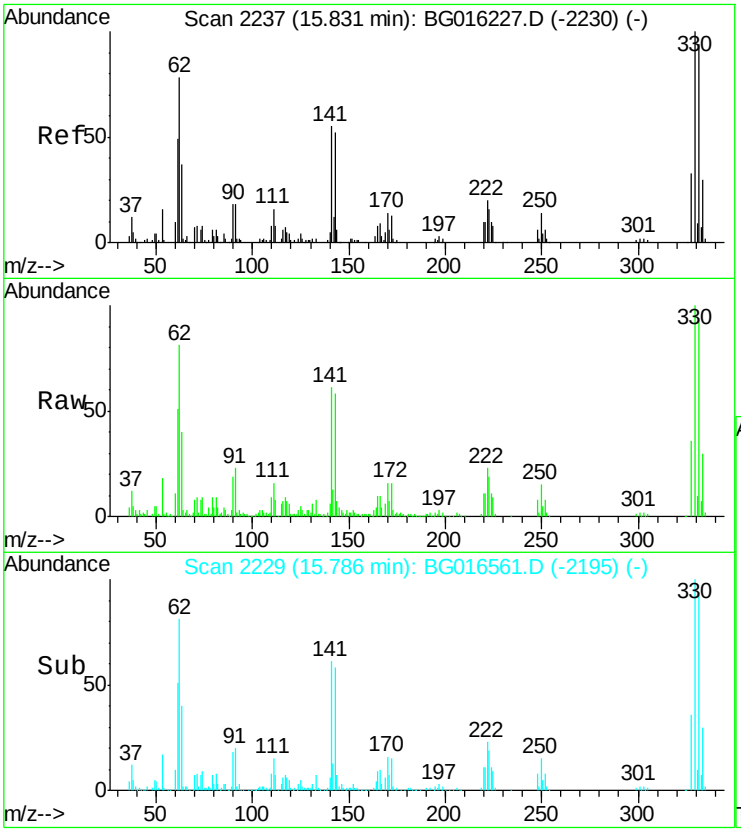


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.29 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:164 Resp: 197445

Ion	Ratio	Lower	Upper
164	100		
162	92.5	77.3	115.9
160	46.1	36.7	55.1



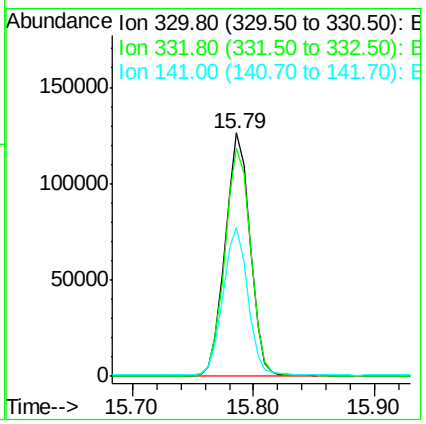


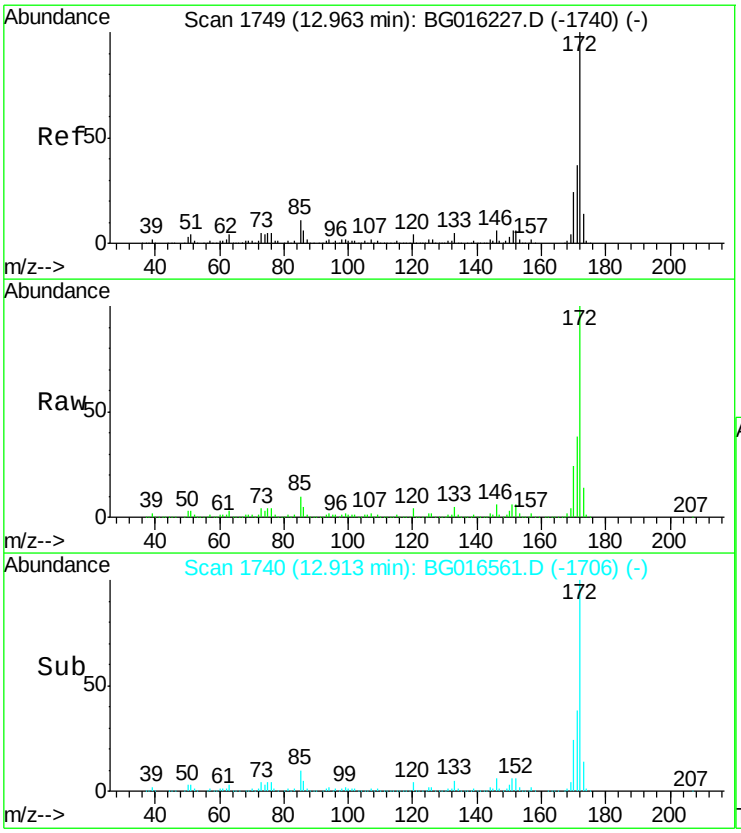
#41
2,4,6-Tribromophenol
Concen: 137.30 ng
RT: 15.79 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:330 Resp: 183334

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.8	113.6
141	60.7	46.6	69.8

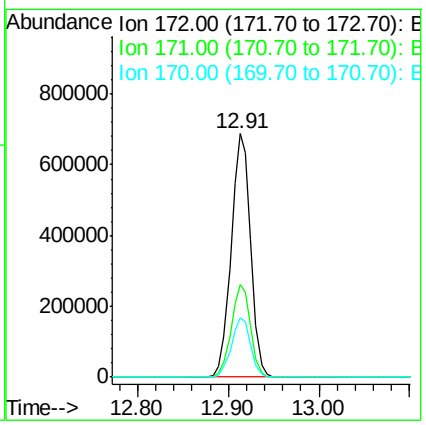


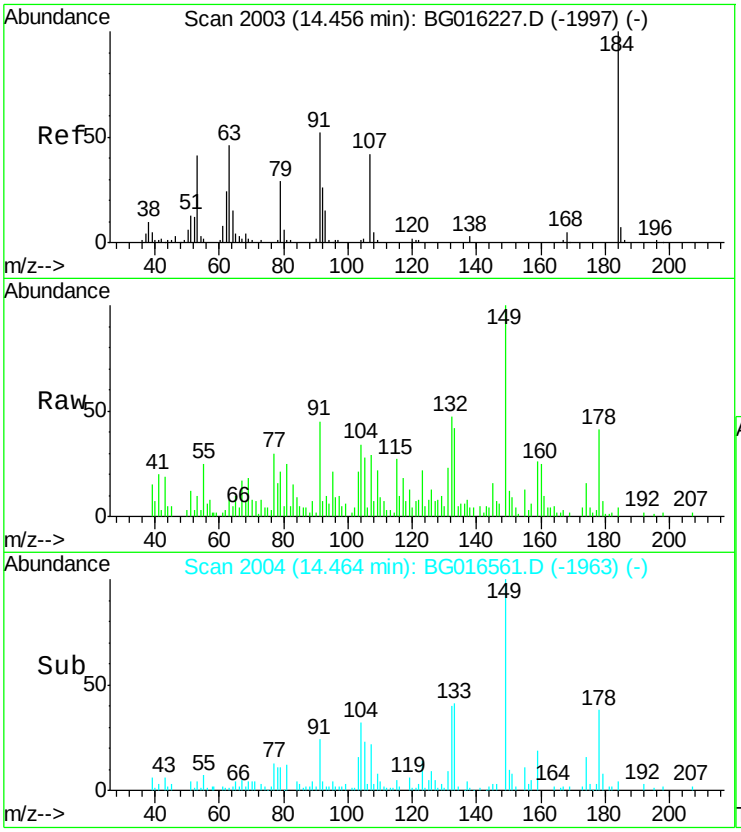


#44
2-Fluorobiphenyl
Concen: 88.44 ng
RT: 12.91 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:172 Resp: 1025604

Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.6	44.4
170	24.5	19.4	29.2



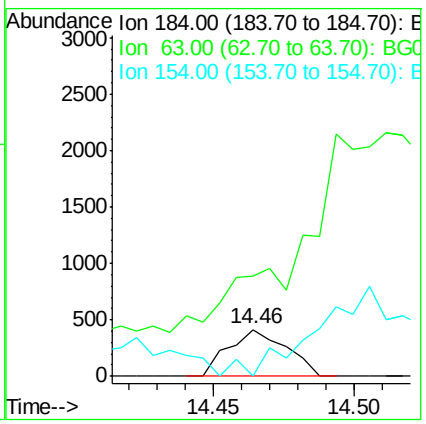


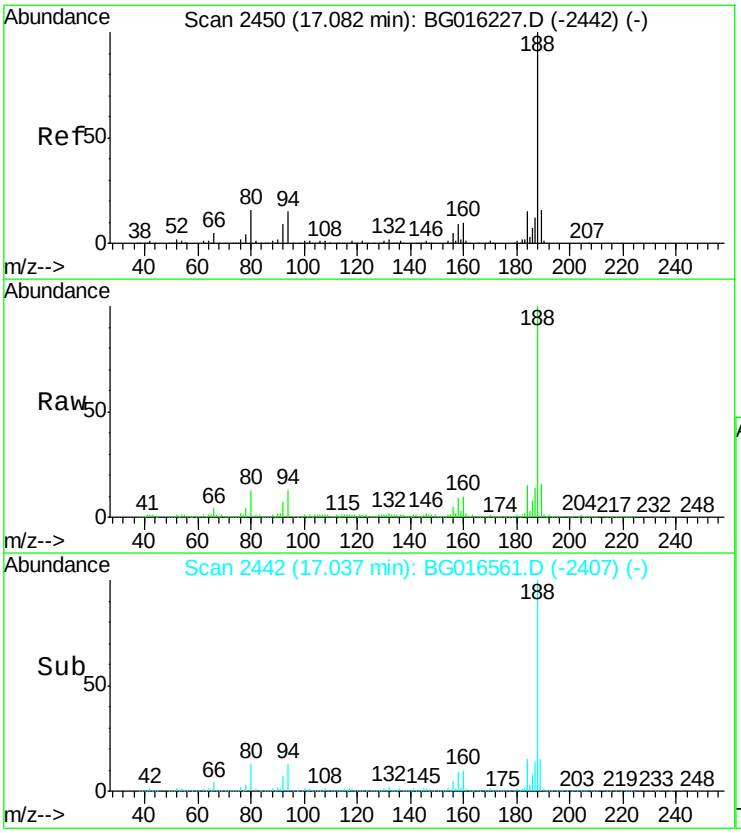
#53
2,4-Dinitrophenol
Concen: 8.52 ng
RT: 14.46 min Scan# 2004
Delta R.T. 0.04 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:184 Resp: 586

Ion	Ratio	Lower	Upper
184	100		
63	214.2	45.8	68.6#
154	0.0	34.5	51.7#

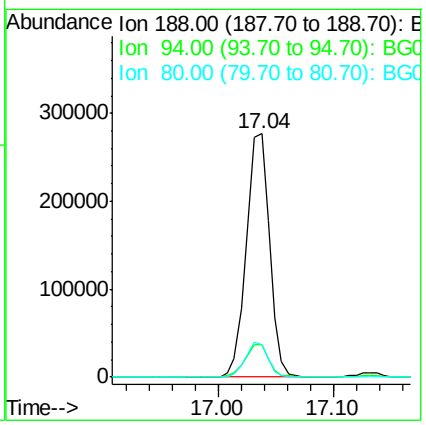


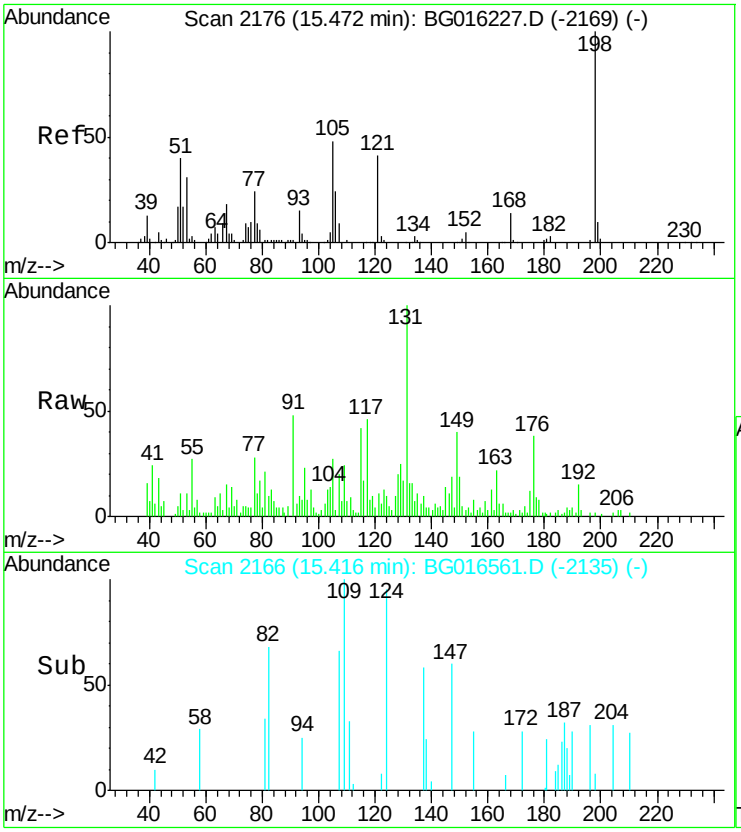


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:188 Resp: 389080

Ion	Ratio	Lower	Upper
188	100		
94	13.2	12.2	18.4
80	13.1	12.8	19.2



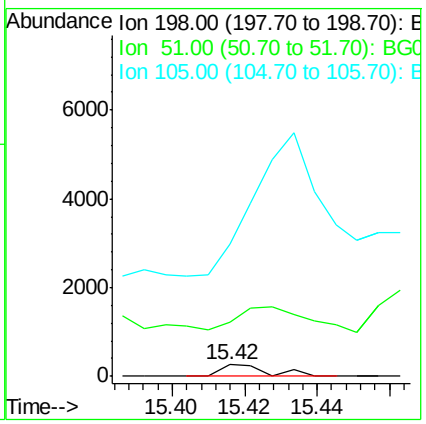


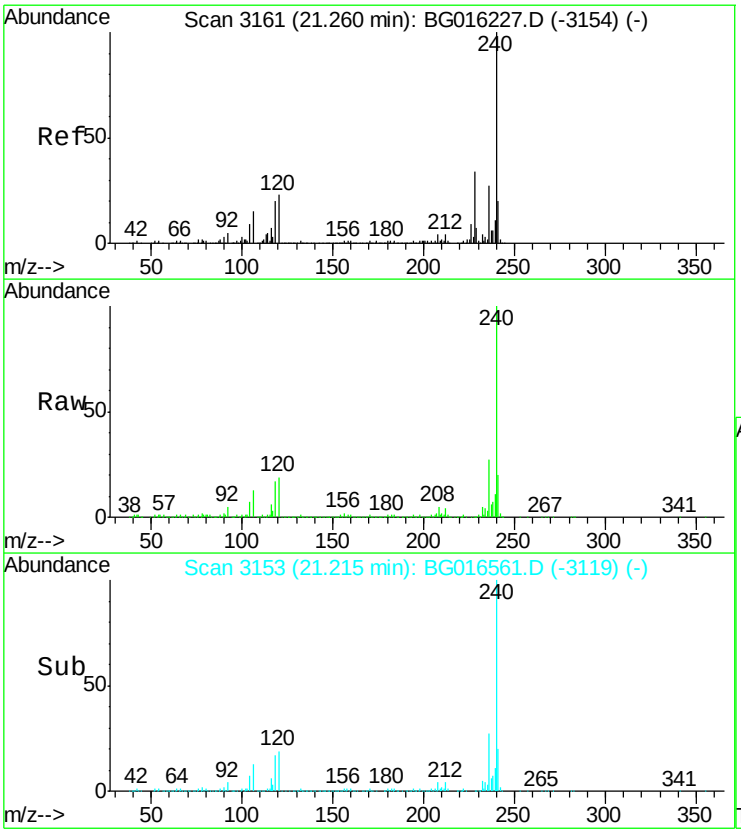
#64
4,6-Dinitro-2-methylphenol
Concen: 3.97 ng
RT: 15.42 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Instrument :
BNA_G
ClientSampleId :
MW-40

Tgt Ion:198 Resp: 239

Ion	Ratio	Lower	Upper
198	100		
51	468.7	20.7	60.7#
105	1136.3	28.8	68.8#





#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.21 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG016561.D
Acq: 20 Apr 2015 21:01

Tgt Ion:240 Resp: 329498

Ion	Ratio	Lower	Upper
240	100		
120	19.4	18.6	28.0
236	27.4	21.7	32.5