Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050515\
Data File : BG016887.D
Acq On : 6 May 2015 5:31
Operator : TP/IZ
Sample : G2114-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GRID-2(12-18)

Quant Time: May 06 06:58:08 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 03:35:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	81226	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	363374	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	236500	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	511129	20.00	ng	0.00
75) Chrysene-d12	21.36	240	508486	20.00	ng	0.00
86) Perylene-d12	23.67	264	495089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	654681	140.34	ng	0.00
7) Phenol-d6	6.97	99	913802	137.11	ng	0.00
23) Nitrobenzene-d5	8.96	82	603536	81.14	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	311163	131.06	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	1150552	73.41	ng	0.00
78) Terphenyl-d14	19.81	244	1543904	71.18	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.99	94	22859	3.20	ng	96
49) Dimethylphthalate	13.90	163	118295	6.70	ng	97

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

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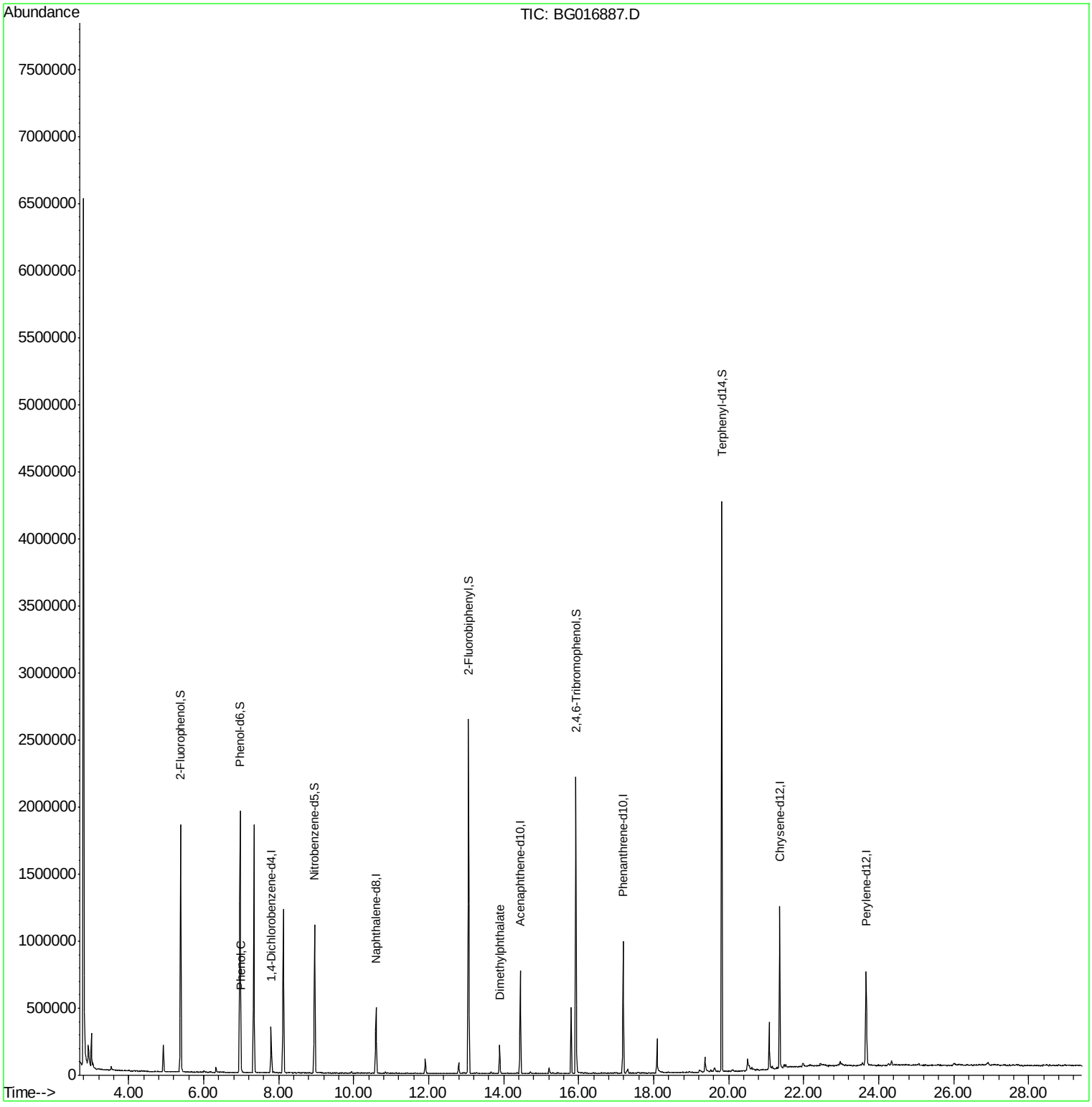
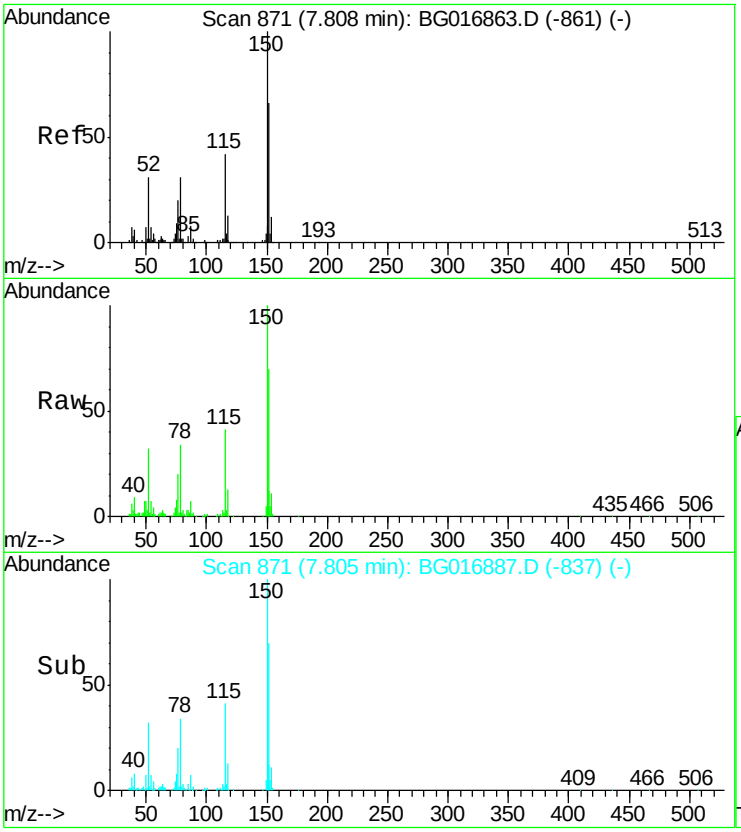


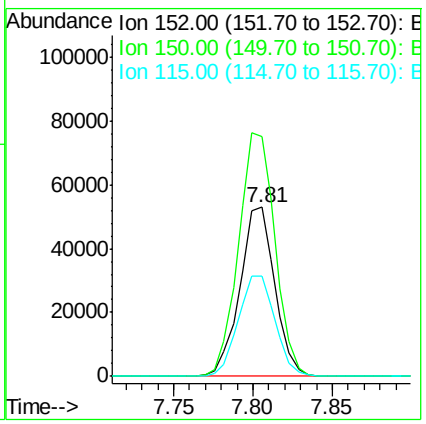


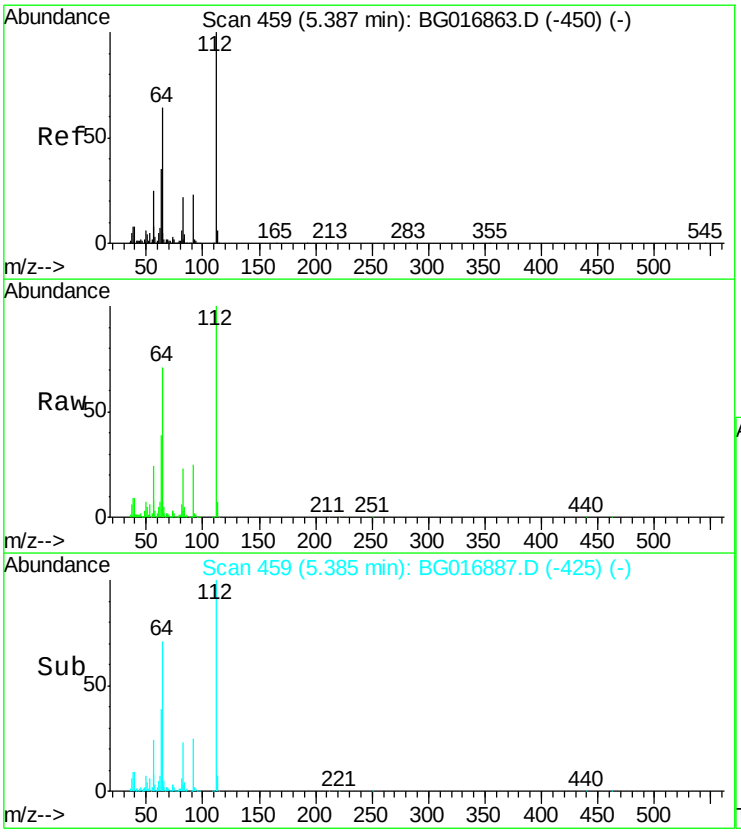
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.81 min Scan# 871
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:152 Resp: 81226

Ion	Ratio	Lower	Upper
152	100		
150	142.3	121.0	181.4
115	59.0	50.5	75.7

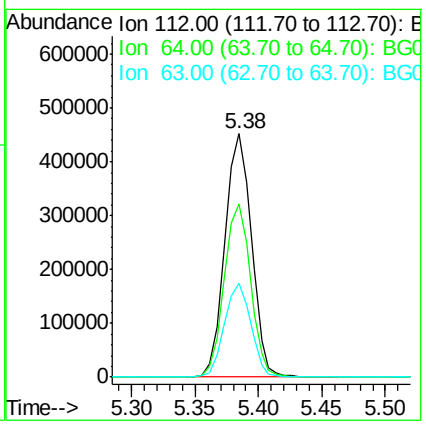


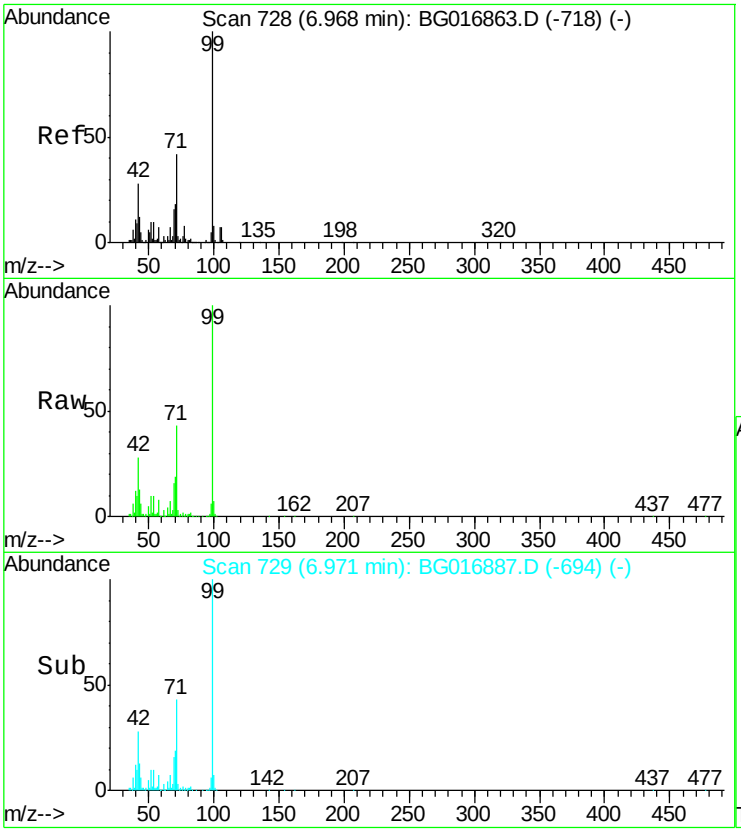


#5
2-Fluorophenol
Concen: 140.34 ng
RT: 5.38 min Scan# 459
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:112 Resp: 654681

Ion	Ratio	Lower	Upper
112	100		
64	70.9	51.4	77.2
63	38.6	28.1	42.1



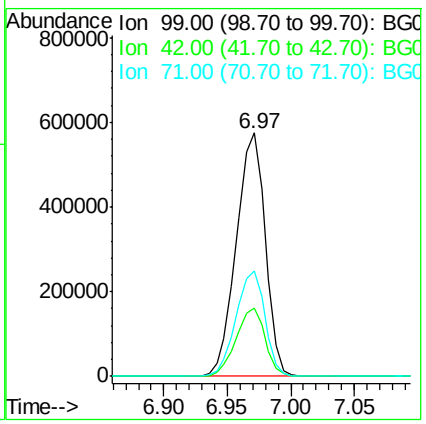


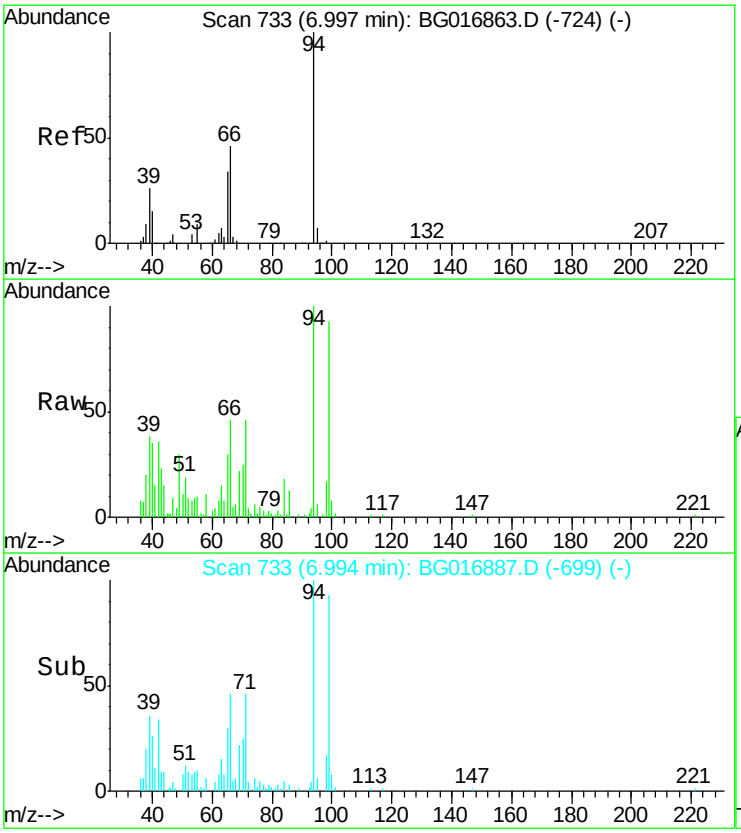
#7
Phenol-d6
Concen: 137.11 ng
RT: 6.97 min Scan# 729
Delta R.T. 0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion: 99 Resp: 913802

Ion	Ratio	Lower	Upper
99	100		
42	28.1	22.1	33.1
71	43.3	33.4	50.0

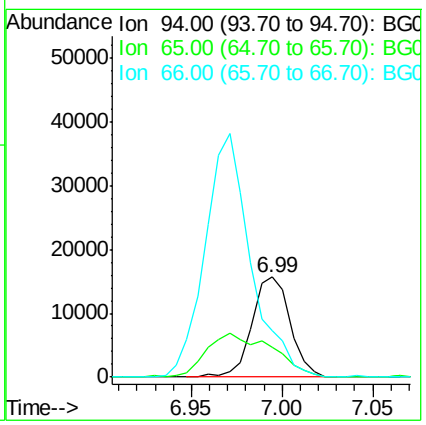


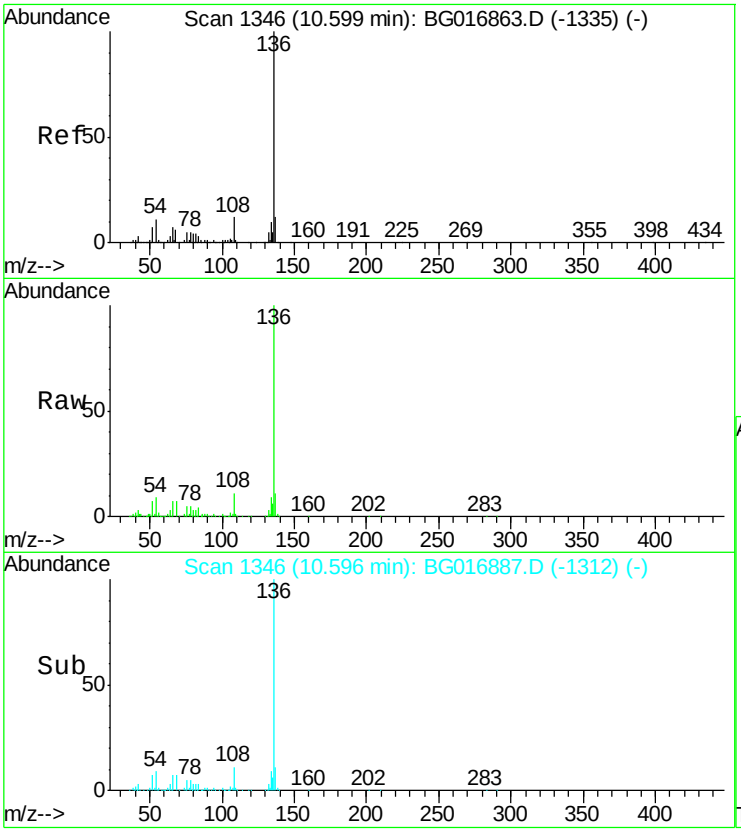


#10
Phenol
Concen: 3.20 ng
RT: 6.99 min Scan# 733
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion: 94 Resp: 22859

Ion	Ratio	Lower	Upper
94	100		
65	29.7	14.3	54.3
66	46.1	26.9	66.9



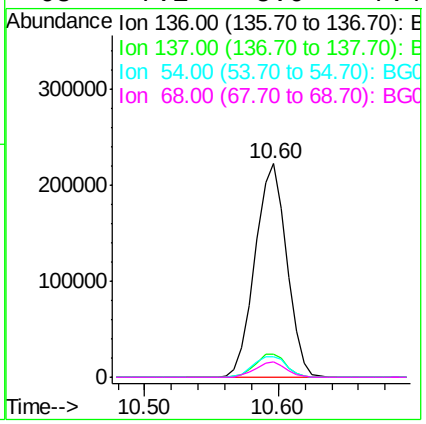


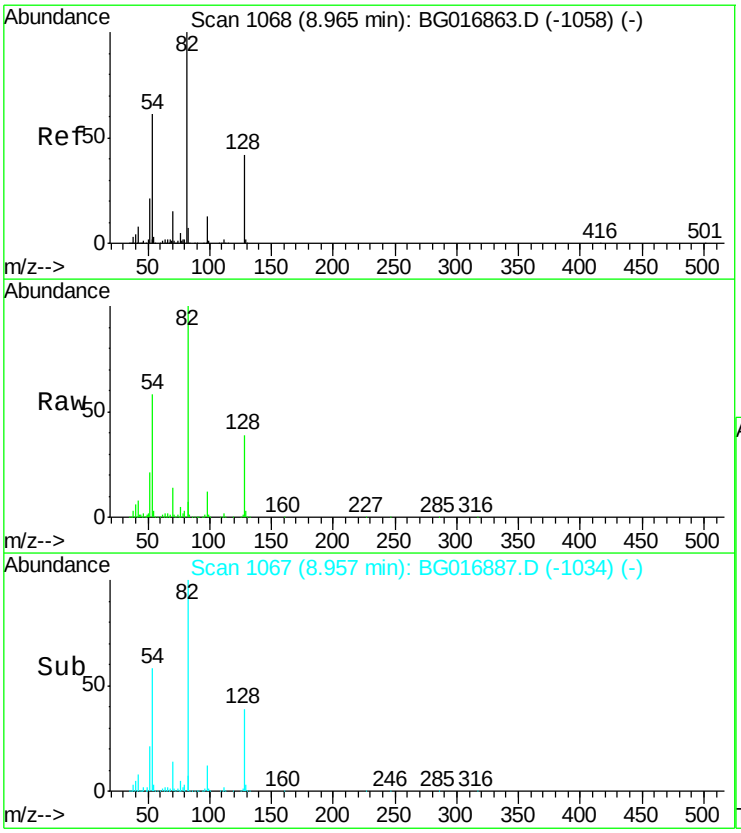
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:136 Resp: 363374

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	9.4	8.7	13.1
68	7.1	5.0	7.4

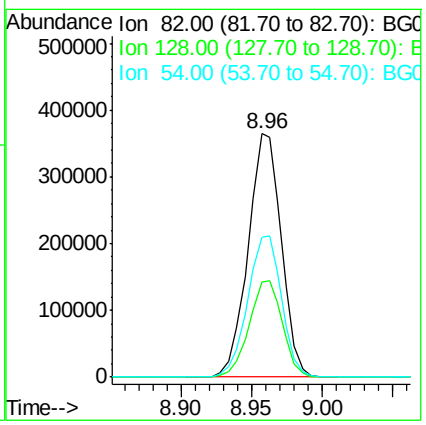


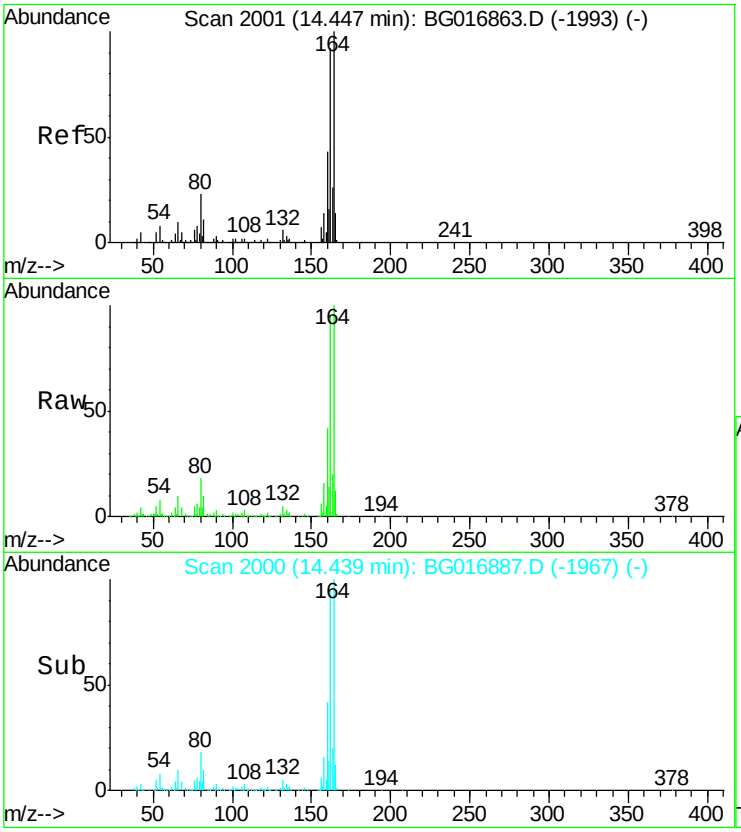


#23
Nitrobenzene-d5
Concen: 81.14 ng
RT: 8.96 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion: 82 Resp: 603536

Ion	Ratio	Lower	Upper
82	100		
128	39.3	33.2	49.8
54	57.6	48.6	72.8



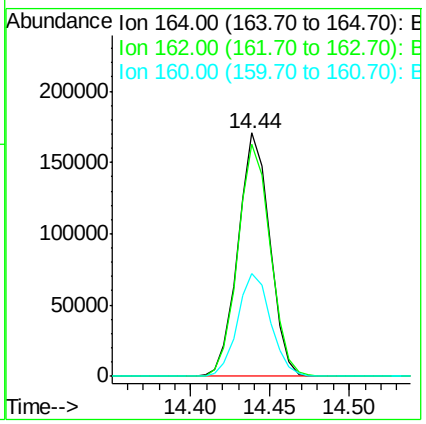


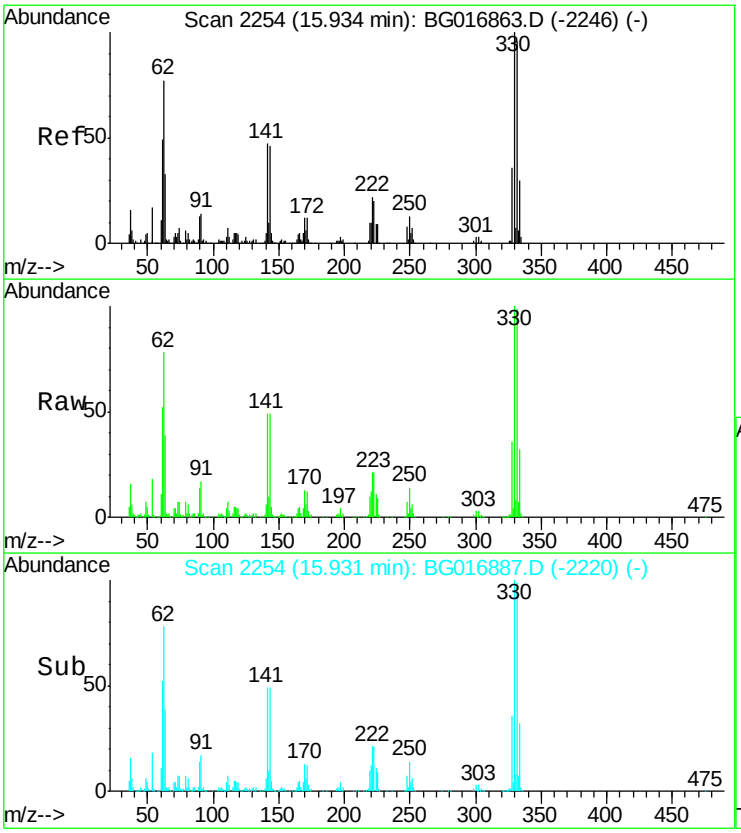
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:164 Resp: 236500

Ion	Ratio	Lower	Upper
164	100		
162	95.2	74.0	111.0
160	42.2	34.7	52.1

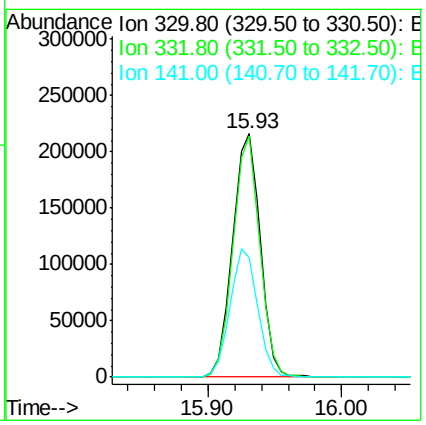


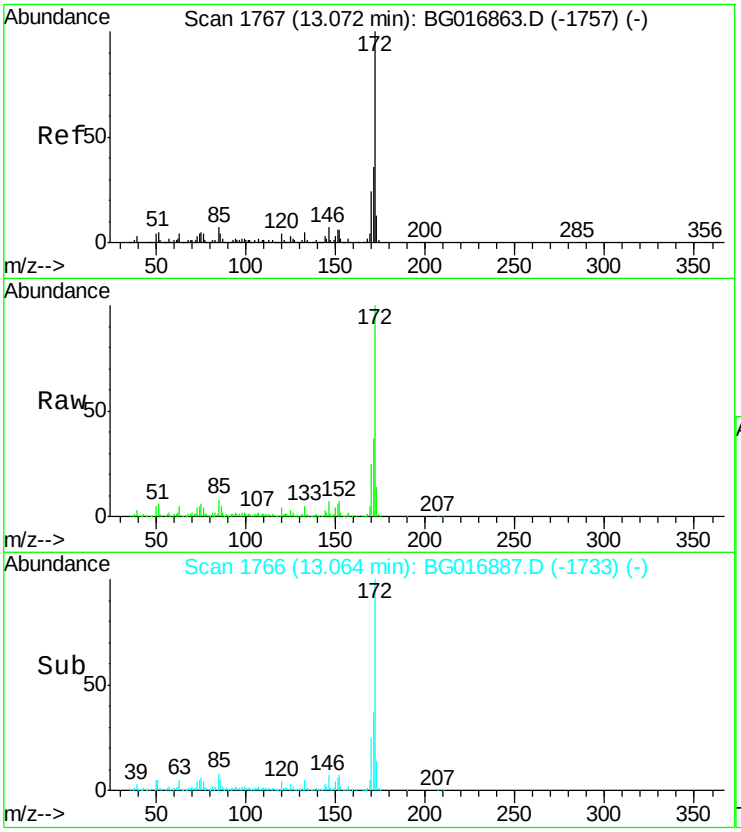


#41
2,4,6-Tribromophenol
Concen: 131.06 ng
RT: 15.93 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:330 Resp: 311163

Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	52.8	0.0	0.0#



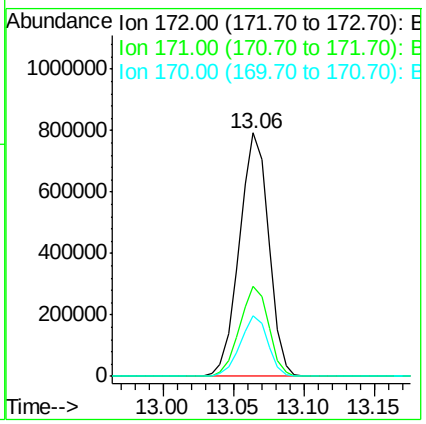


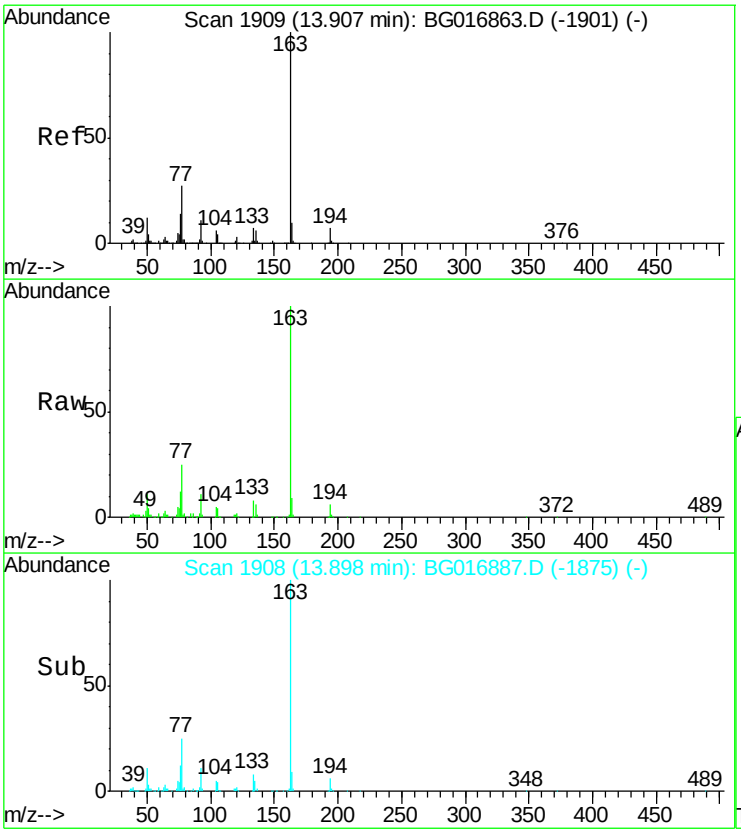
#44
2-Fluorobiphenyl
Concen: 73.41 ng
RT: 13.06 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:172 Resp: 1150552

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.4
170	24.9	19.0	28.4

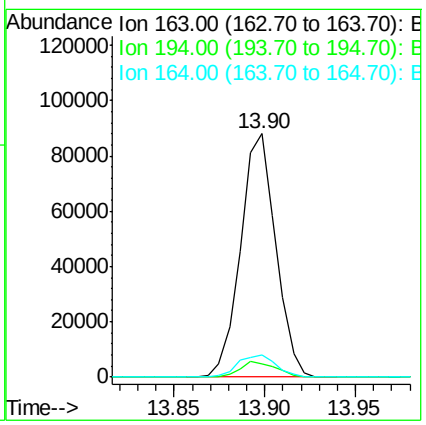


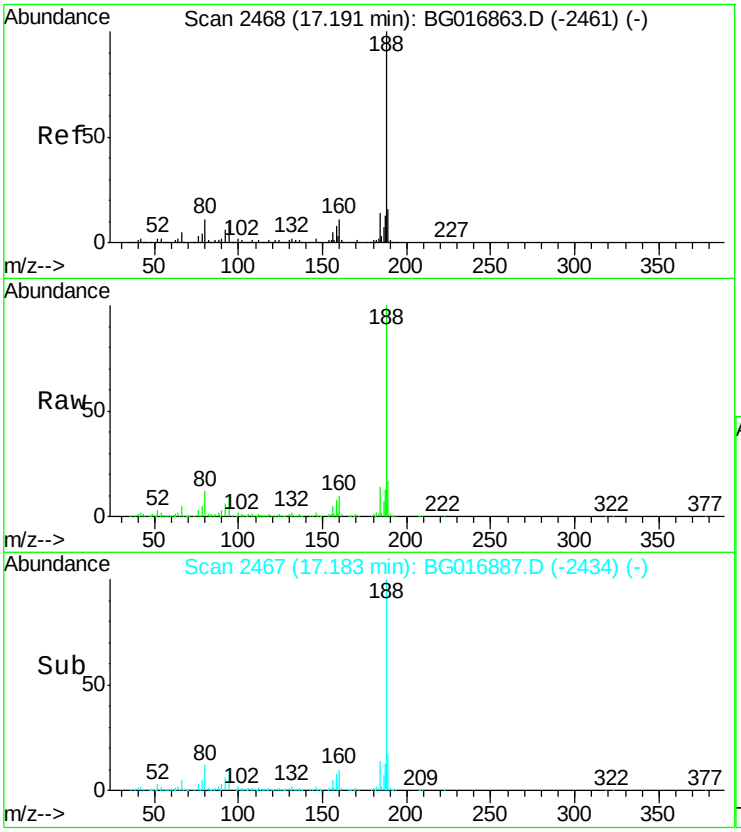


#49
Dimethylphthalate
Concen: 6.70 ng
RT: 13.90 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:163 Resp: 118295

Ion	Ratio	Lower	Upper
163	100		
194	5.6	5.2	7.8
164	9.0	8.4	12.6



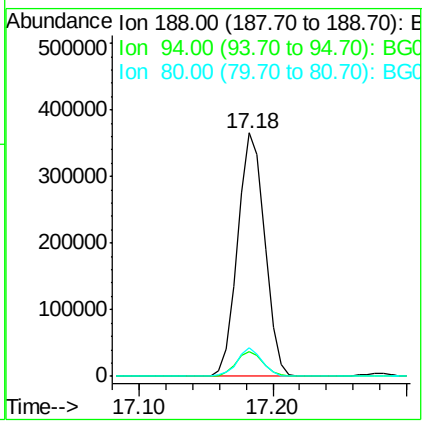


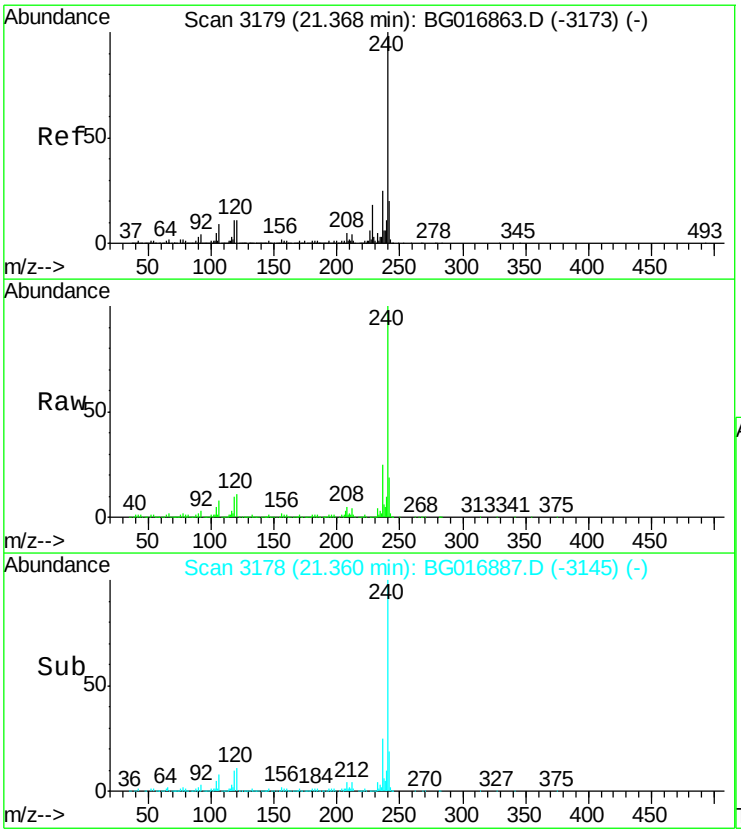
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:188 Resp: 511129

Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.4
80	11.7	8.8	13.2

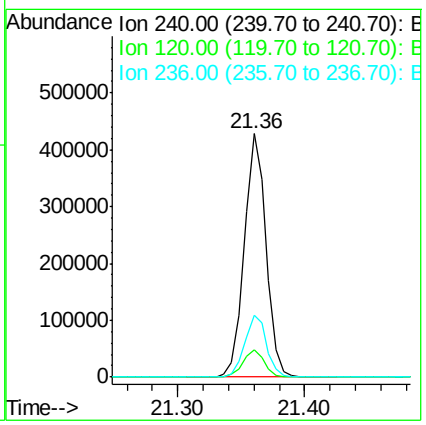


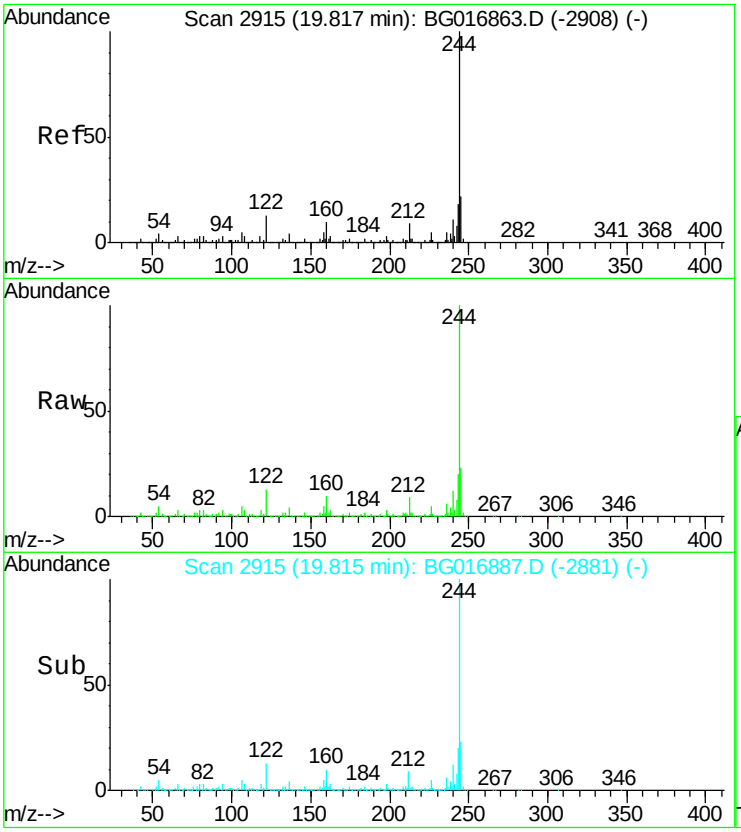


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:240 Resp: 508486

Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.1	13.7
236	25.5	20.2	30.4



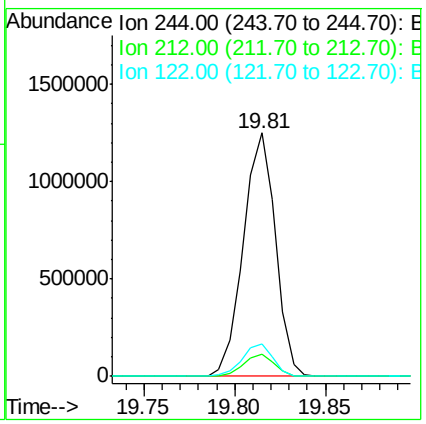


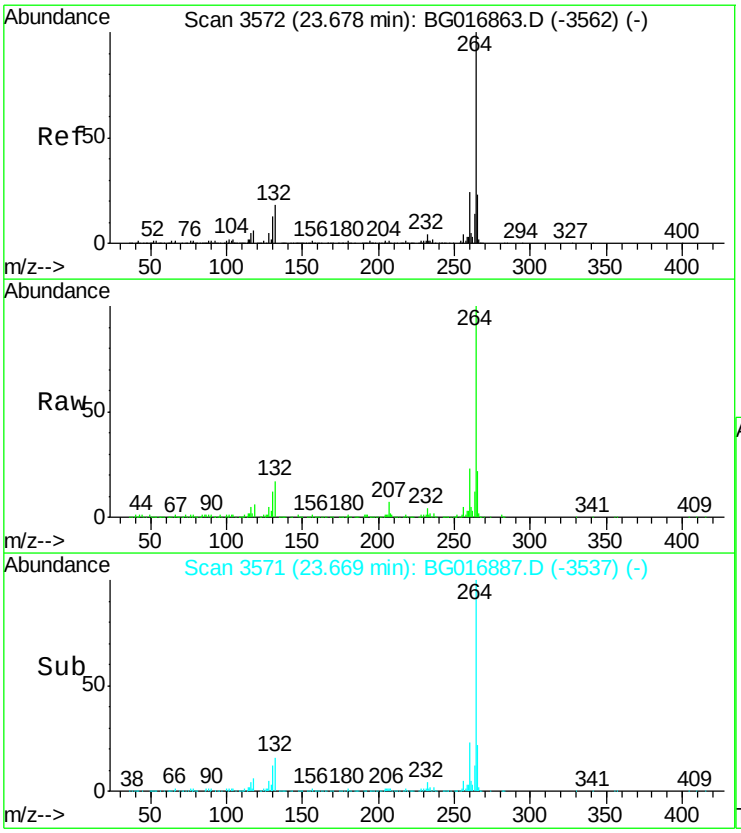
#78
Terphenyl-d14
Concen: 71.18 ng
RT: 19.81 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Instrument :
BNA_G
ClientSampleId :
GRID-2(12-18)

Tgt Ion:244 Resp: 1543904

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	13.2	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3571
Delta R.T. 0.00 min
Lab File: BG016887.D
Acq: 6 May 2015 5:31

Tgt Ion:264 Resp: 495089

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	18.5	27.7