Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050715\
Data File : BG016921.D
Acq On : 7 May 2015 13:42
Operator : TP/IZ
Sample : G2071-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2

Quant Time: May 08 02:26:18 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 08 02:05:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	58841	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	255614	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	162352	20.00	ng	0.00
63) Phenanthrene-d10	17.18	188	358456	20.00	ng	0.00
75) Chrysene-d12	21.36	240	358484	20.00	ng	0.00
86) Perylene-d12	23.67	264	349079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	223343	66.09	ng	0.00
7) Phenol-d6	6.96	99	212381	43.99	ng	0.00
23) Nitrobenzene-d5	8.95	82	495563	94.71	ng	0.00
41) 2,4,6-Tribromophenol	15.92	330	213547	131.02	ng	0.00
44) 2-Fluorobiphenyl	13.06	172	970438	90.20	ng	0.00
78) Terphenyl-d14	19.81	244	1464988	95.80	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.91	122	63	Below Cal	#	1
35) Caprolactam	11.49	113	12487	6.53	ng	# 1
49) Dimethylphthalate	13.89	163	35076	2.89	ng	# 93

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

Quantitation Report (Not Reviewed)

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Acq On : 7 May 2015 13:42
Operator : TP/IZ
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Misc :
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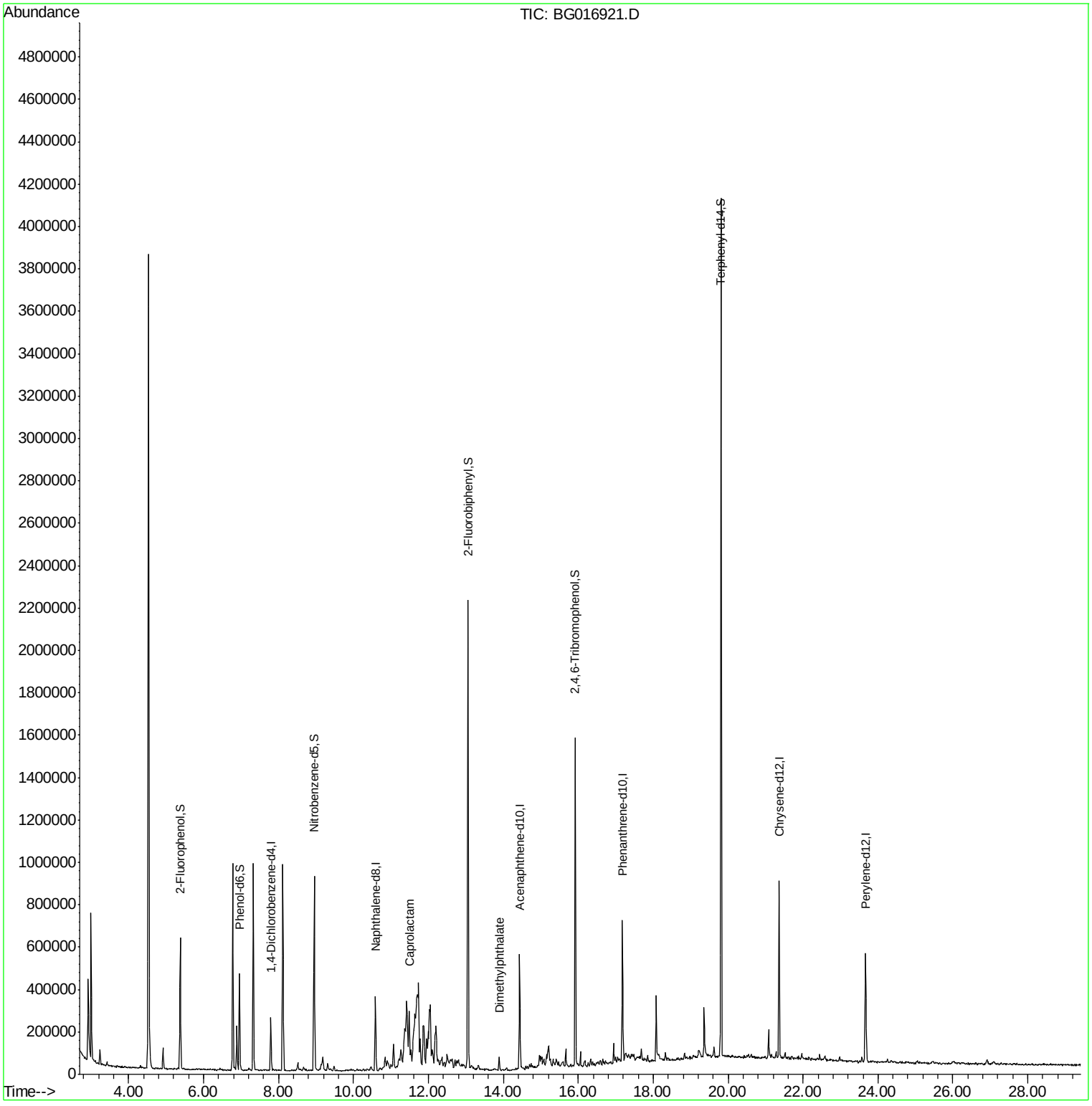
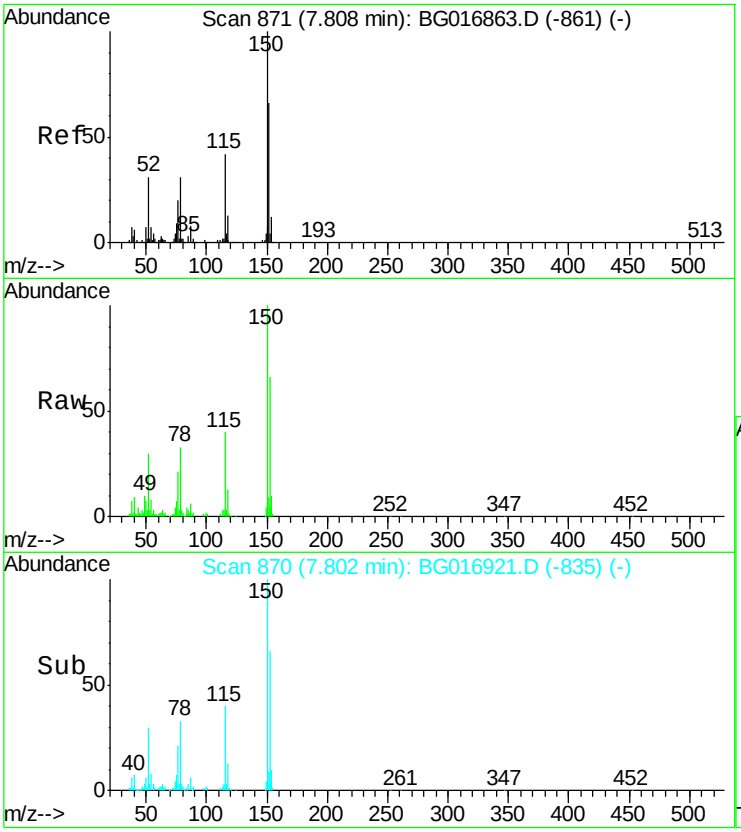


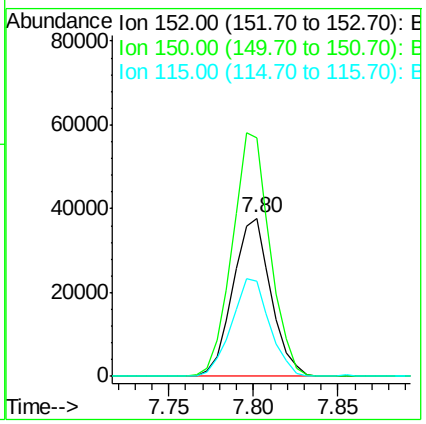


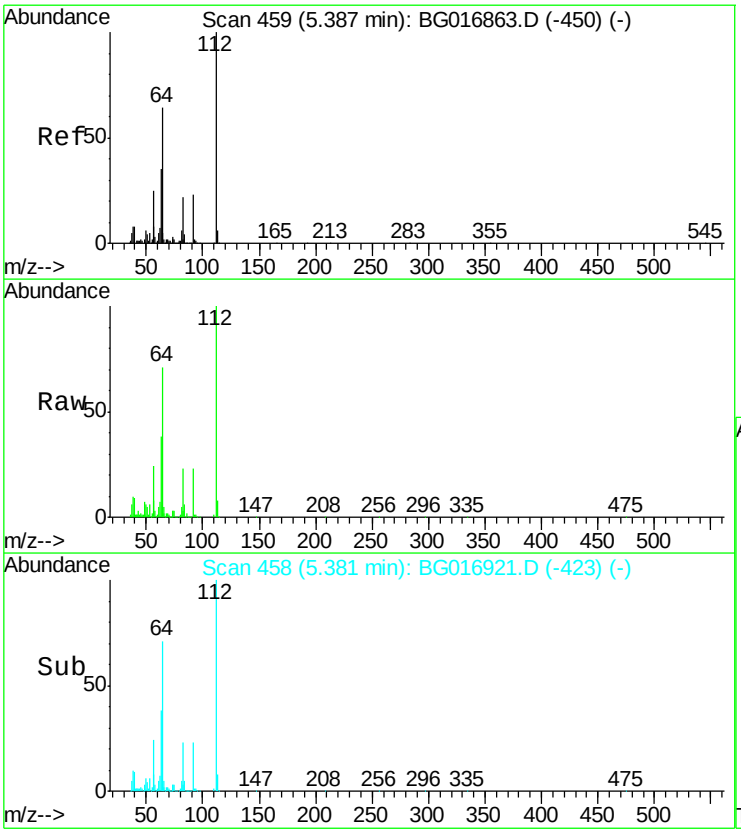
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.80 min Scan# 870
Delta R.T. 0.01 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion:152 Resp: 58841

Ion	Ratio	Lower	Upper
152	100		
150	150.6	121.0	181.4
115	60.0	50.5	75.7

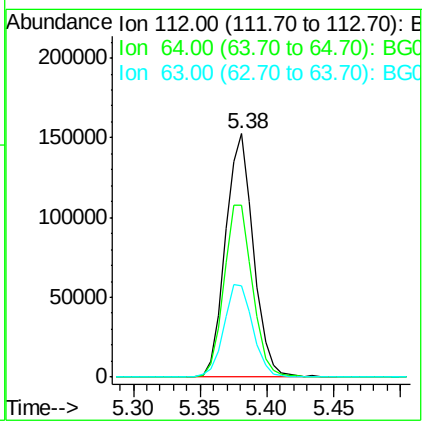


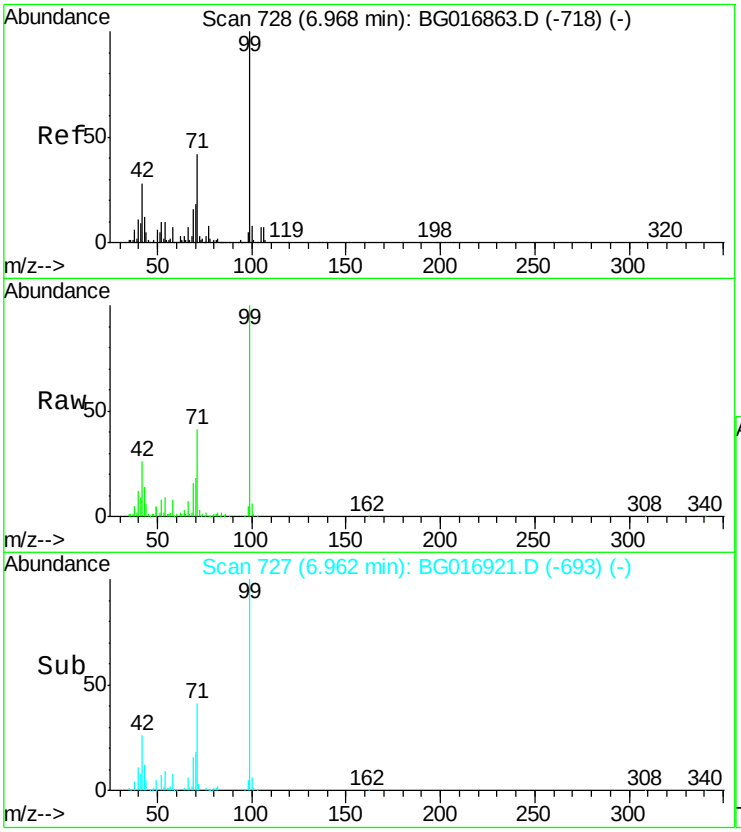


#5
2-Fluorophenol
Concen: 66.09 ng
RT: 5.38 min Scan# 458
Delta R.T. 0.01 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:112 Resp: 223343

Ion	Ratio	Lower	Upper
112	100		
64	70.8	51.4	77.2
63	37.6	28.1	42.1



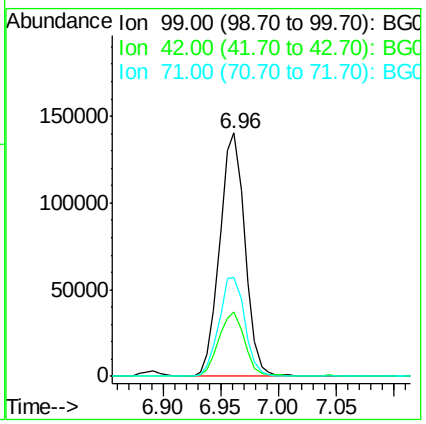


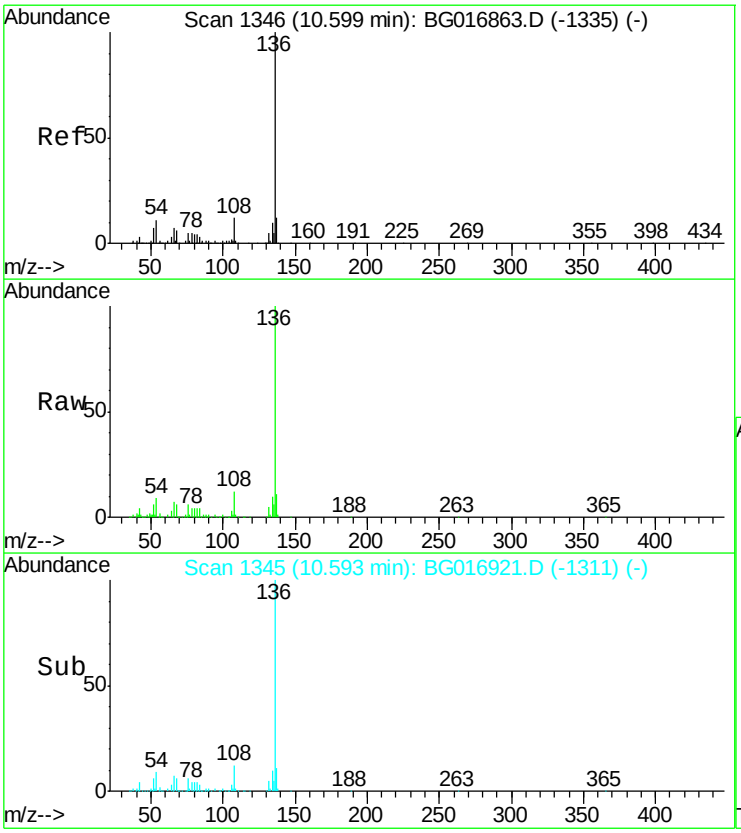
#7
Phenol-d6
Concen: 43.99 ng
RT: 6.96 min Scan# 727
Delta R.T. 0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion: 99 Resp: 212381

Ion	Ratio	Lower	Upper
99	100		
42	26.4	22.1	33.1
71	40.8	33.4	50.0

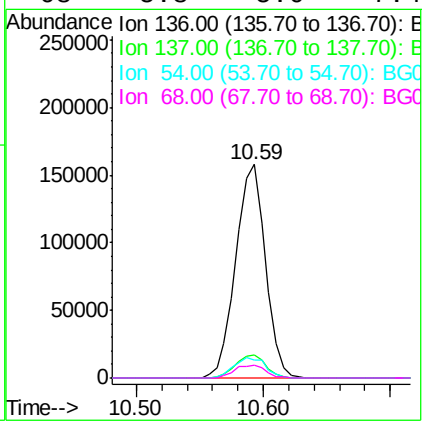


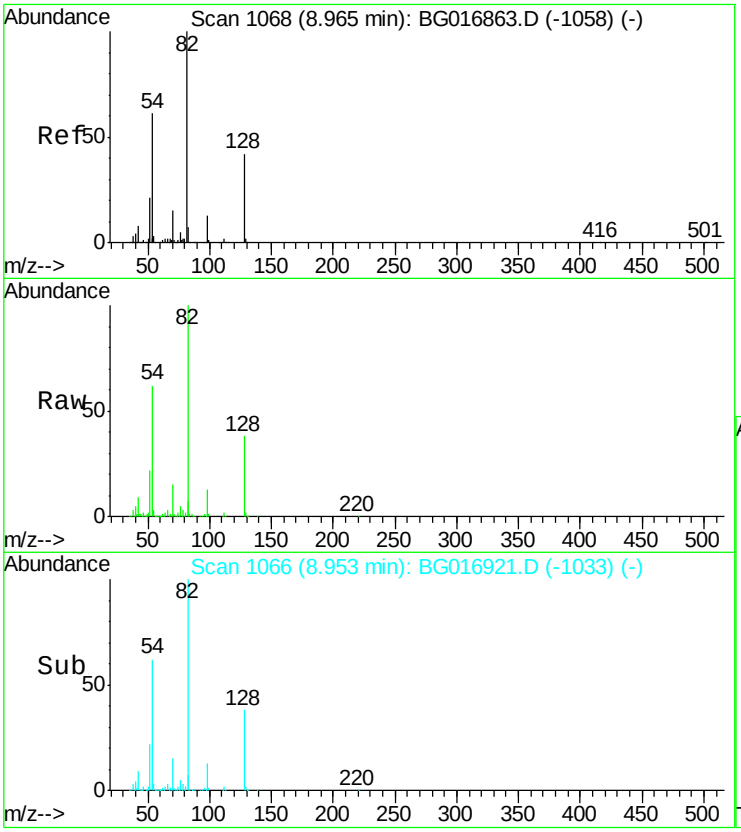


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:136 Resp: 255614

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.8
54	8.7	8.7	13.1#
68	5.8	5.0	7.4



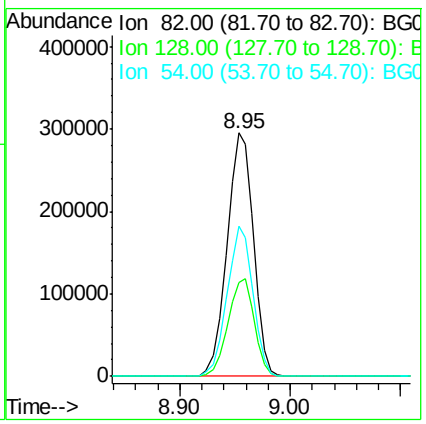


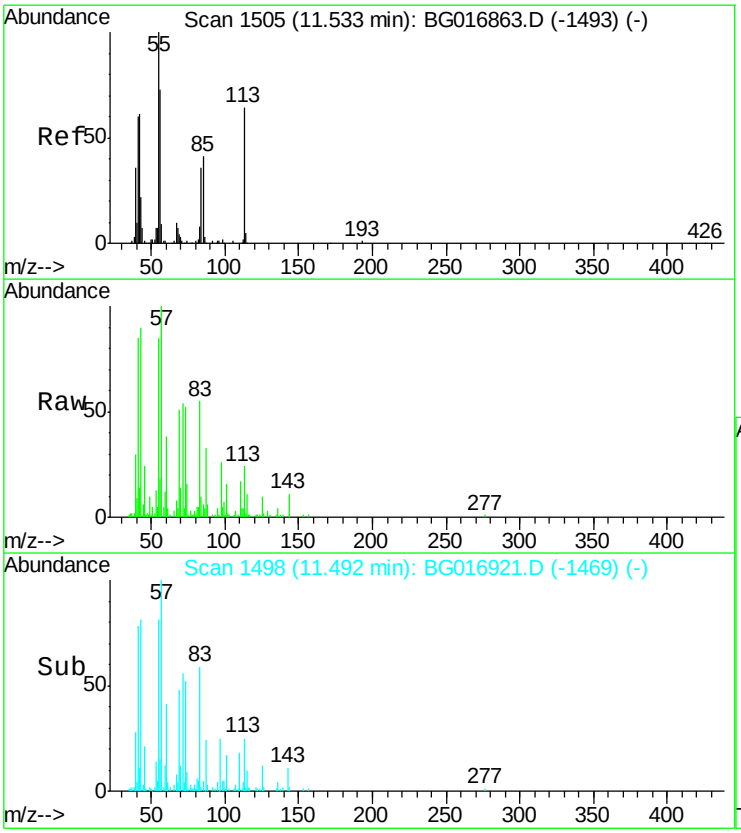
#23
Nitrobenzene-d5
Concen: 94.71 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion: 82 Resp: 495563

Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.2	49.8
54	61.8	48.6	72.8

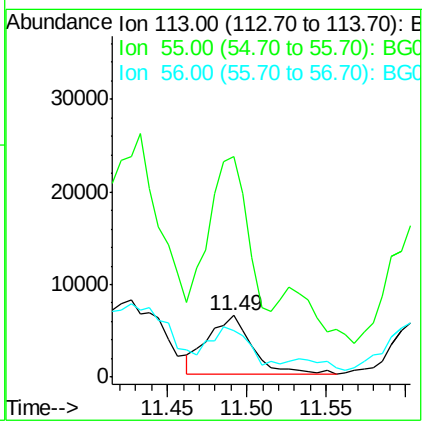


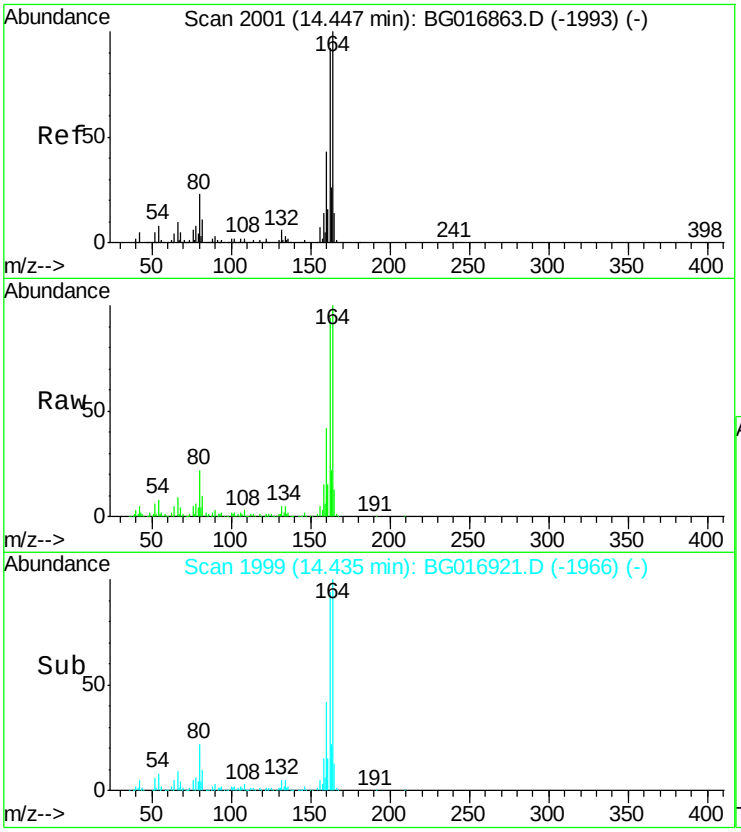


#35
Caprolactam
Concen: 6.53 ng
RT: 11.49 min Scan# 1498
Delta R.T. -0.03 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:113 Resp: 12487

Ion	Ratio	Lower	Upper
113	100		
55	357.5	137.1	177.1#
56	75.4	94.3	134.3#



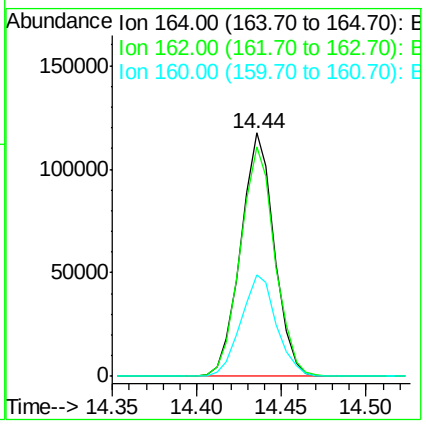


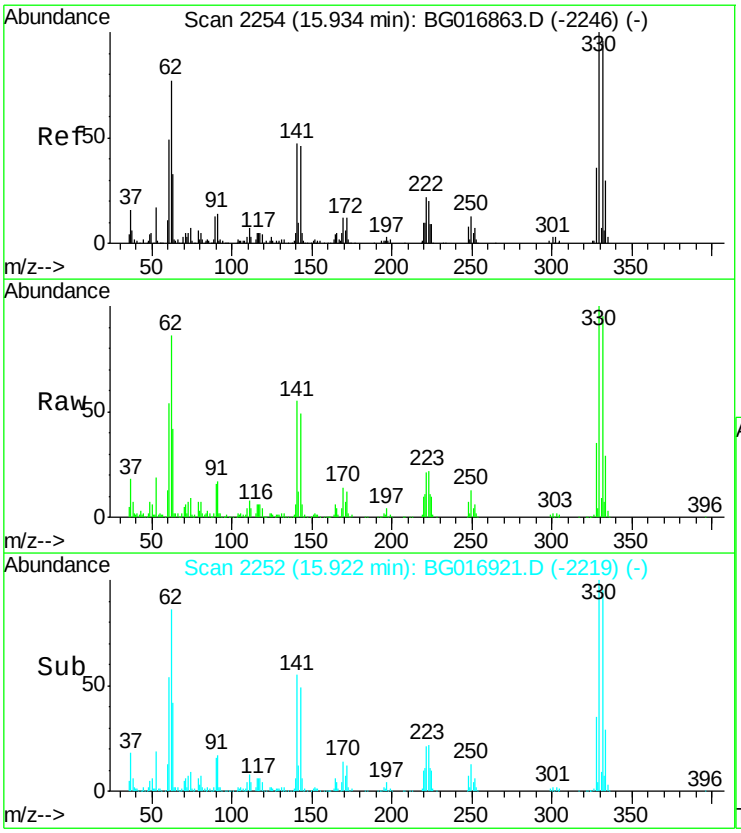
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.44 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion:164 Resp: 162352

Ion	Ratio	Lower	Upper
164	100		
162	94.3	74.0	111.0
160	41.6	34.7	52.1

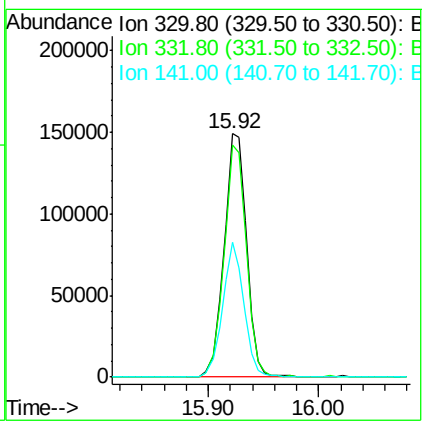


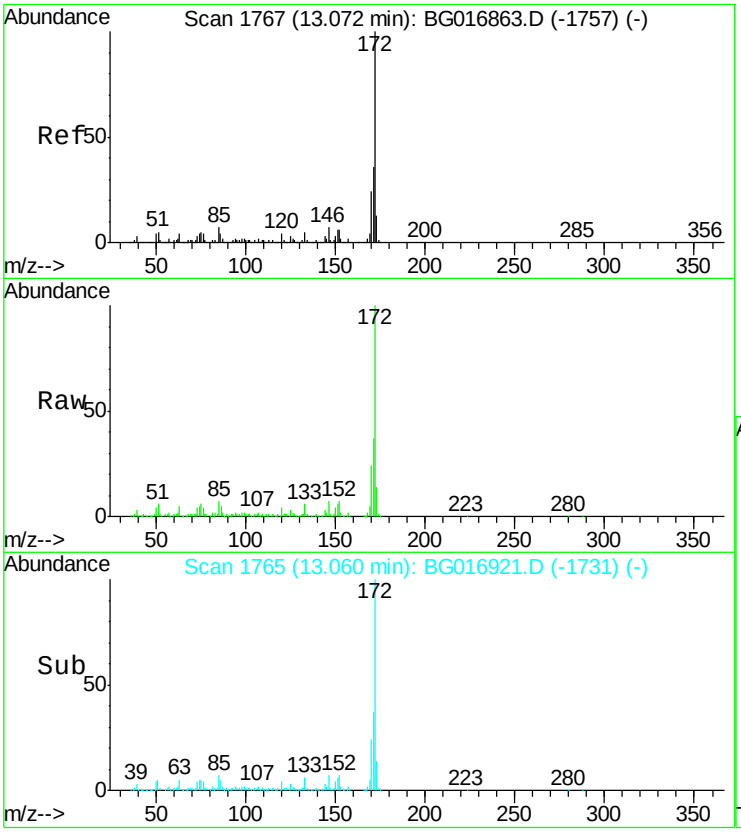


#41
2,4,6-Tribromophenol
Concen: 131.02 ng
RT: 15.92 min Scan# 2252
Delta R.T. -0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:330 Resp: 213547

Ion	Ratio	Lower	Upper
330	100		
332	94.6	0.0	0.0#
141	52.1	0.0	0.0#



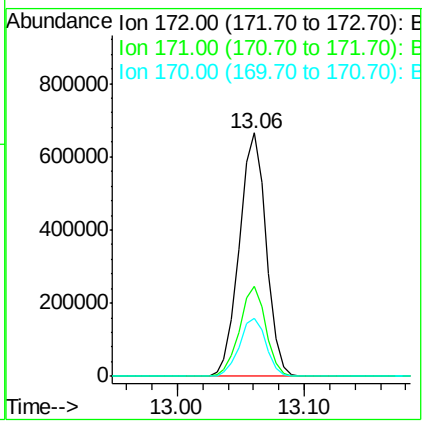


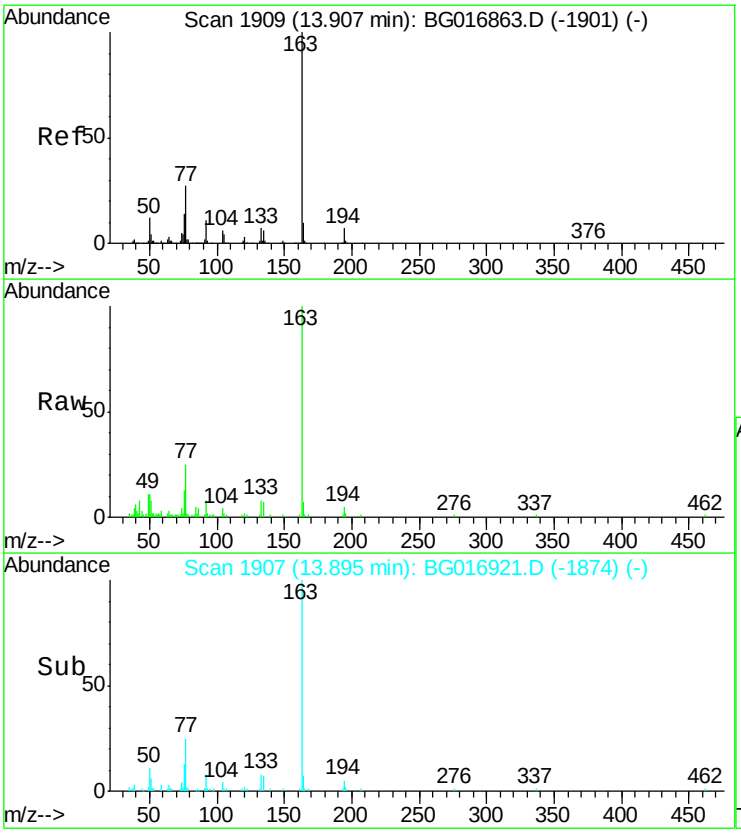
#44
2-Fluorobiphenyl
Concen: 90.20 ng
RT: 13.06 min Scan# 1765
Delta R.T. 0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion:172 Resp: 970438

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	23.8	19.0	28.4

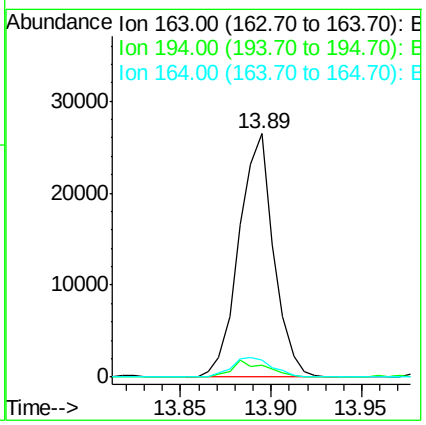


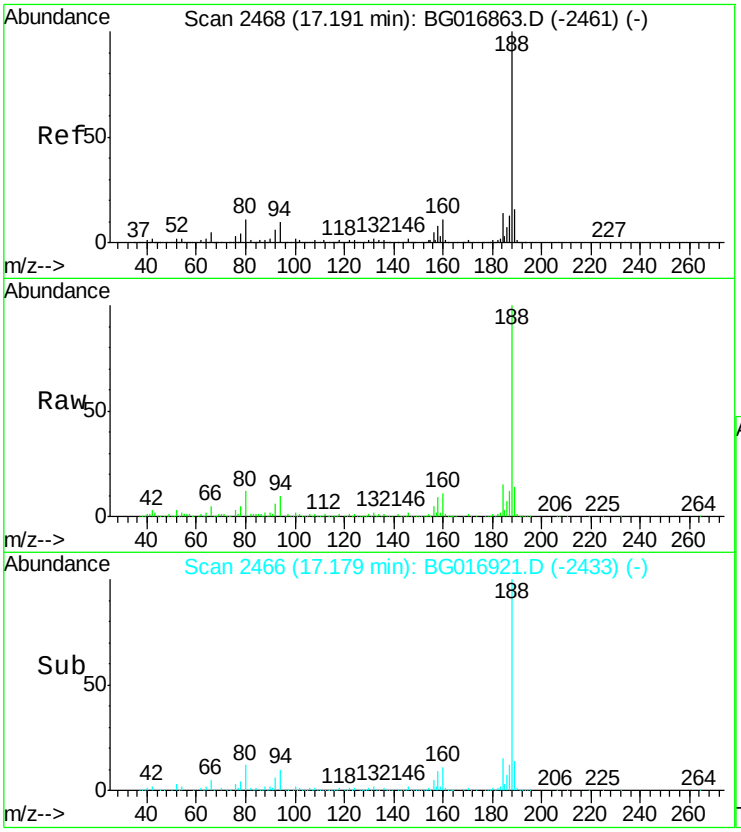


#49
Dimethylphthalate
Concen: 2.89 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:163 Resp: 35076

Ion	Ratio	Lower	Upper
163	100		
194	4.7	5.2	7.8#
164	7.7	8.4	12.6#



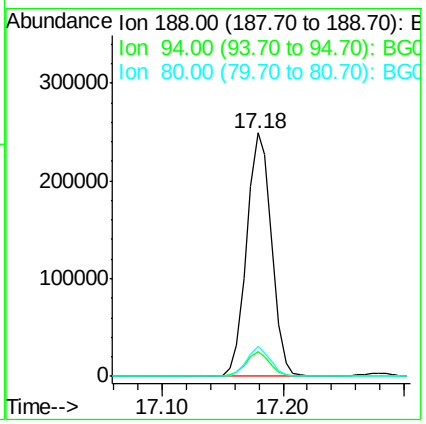


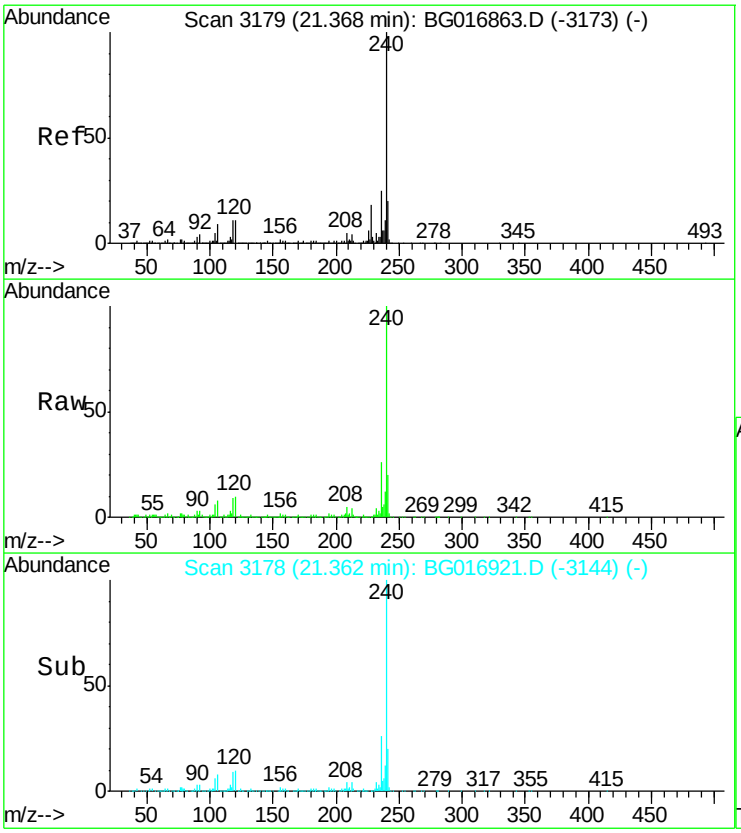
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.18 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion:188 Resp: 358456

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	12.1	8.8	13.2

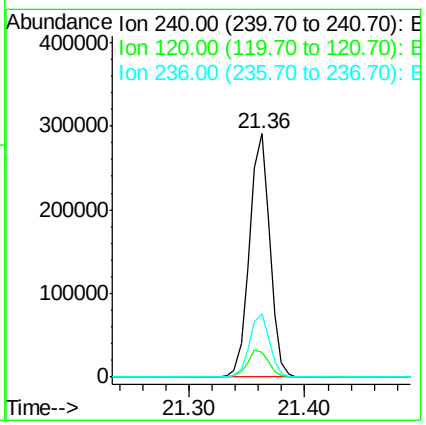


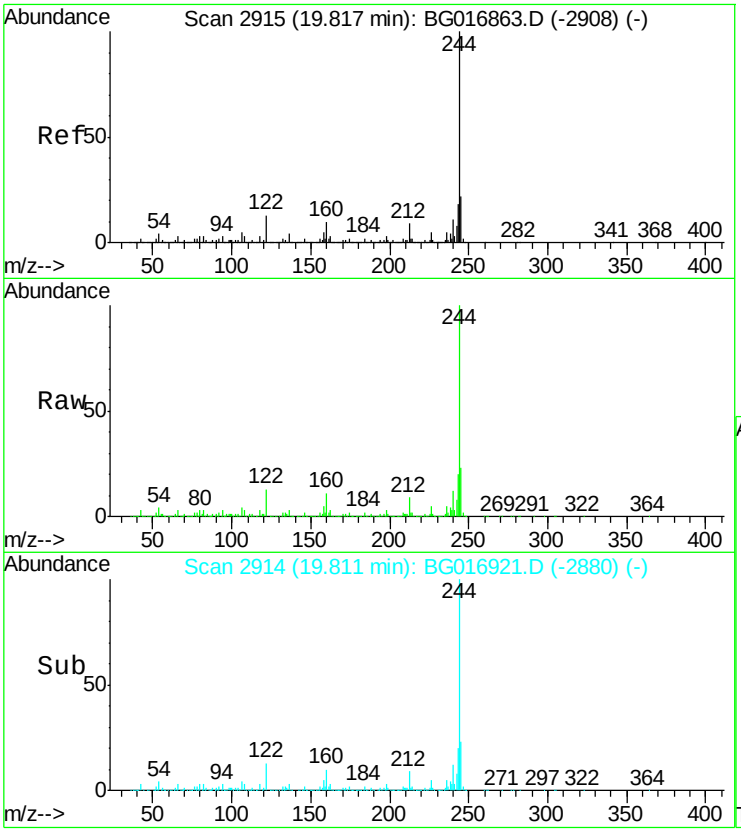


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:240 Resp: 358484

Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.1	13.7
236	25.7	20.2	30.4



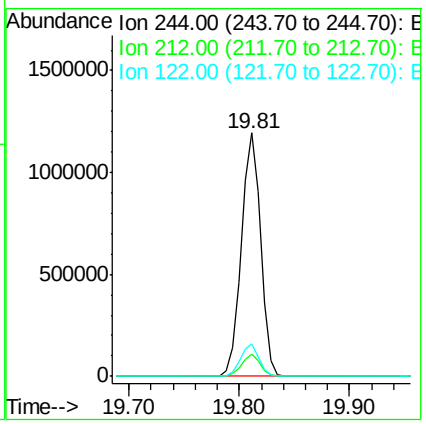


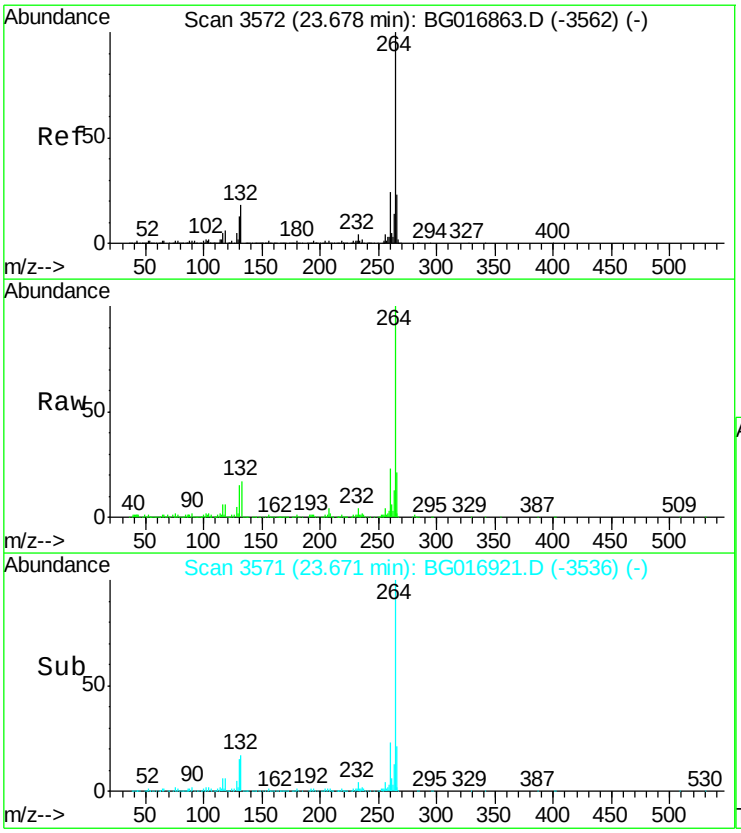
#78
Terphenyl-d14
Concen: 95.80 ng
RT: 19.81 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Instrument :
BNA_G
ClientSampleId :
2

Tgt Ion:244 Resp: 1464988

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	13.3	10.4	15.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3571
Delta R.T. 0.01 min
Lab File: BG016921.D
Acq: 7 May 2015 13:42

Tgt Ion:264 Resp: 349079

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.5	18.5	27.7