Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017949.D
Acq On : 18 Jul 2015 6:29
Operator : TP/UM
Sample : G3007-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-2(8.0-8.5)

Quant Time: Jul 20 01:49:42 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 18 01:50:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	87582	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	393298	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	242442	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	510084	20.00	ng	0.00
75) Chrysene-d12	21.19	240	509857	20.00	ng	0.00
86) Perylene-d12	23.41	264	500286	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	303109	60.37	ng	0.00
7) Phenol-d6	6.76	99	256291	38.96	ng	0.00
23) Nitrobenzene-d5	8.74	82	540017	88.93	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	344533	140.27	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1249080	89.28	ng	0.00
78) Terphenyl-d14	19.64	244	1752287	86.57	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	8.68	117	5916	2.35	ng	# 1
32) Benzoic acid	9.73	122	62	Below Cal		# 16
49) Dimethylphthalate	13.70	163	81461	4.84	ng	98
64) 4,6-Dinitro-2-methylphenol	15.34	198	57	Below Cal		# 1
69) Pentachlorophenol	16.65	266	54	Below Cal		# 18

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
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Operator : TP/UM
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S-2(8.0-8.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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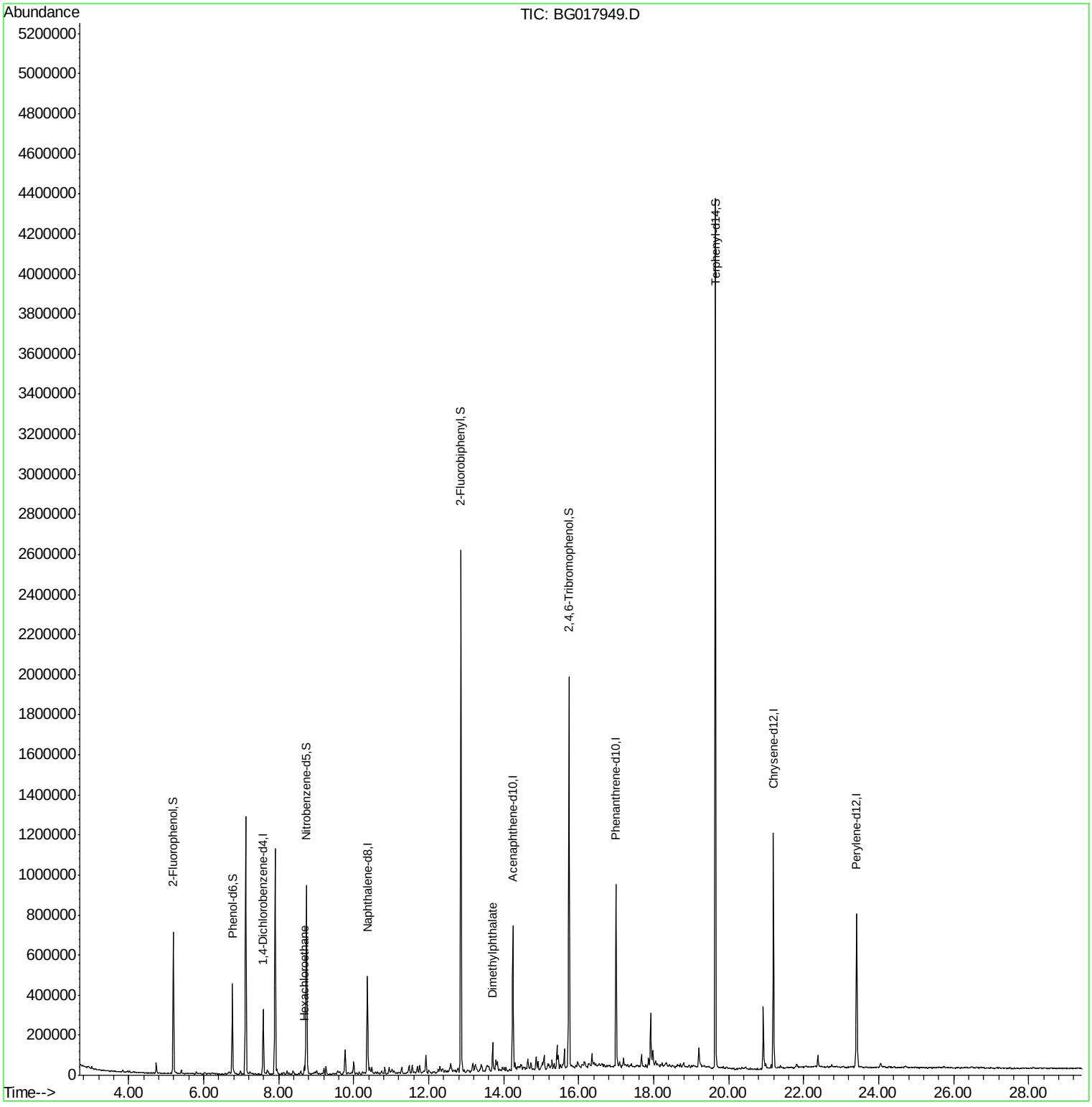
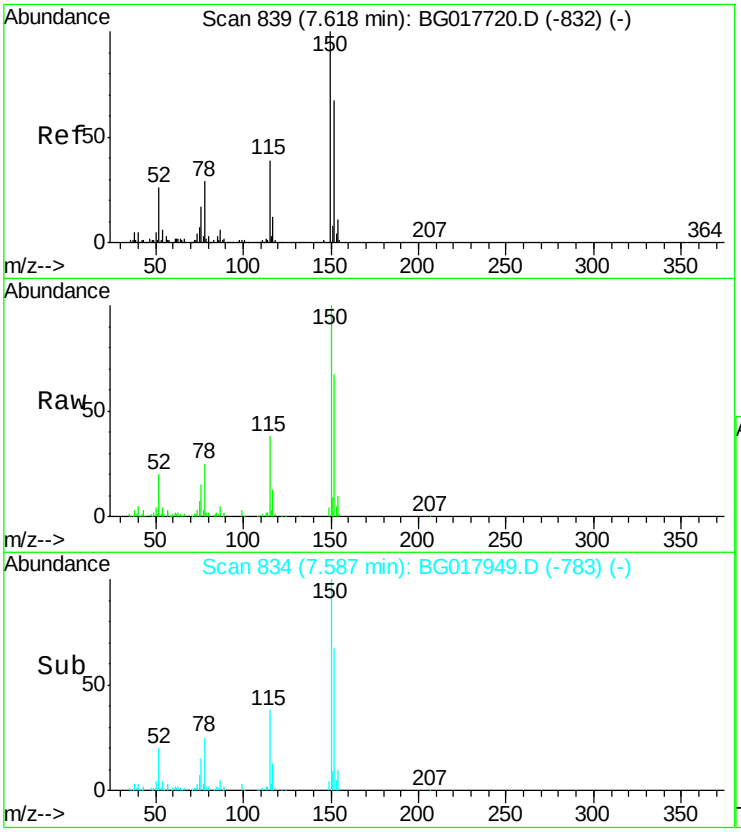


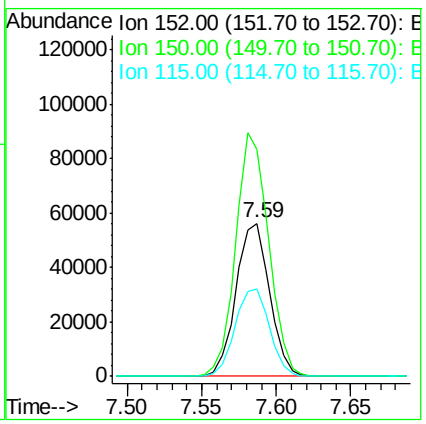


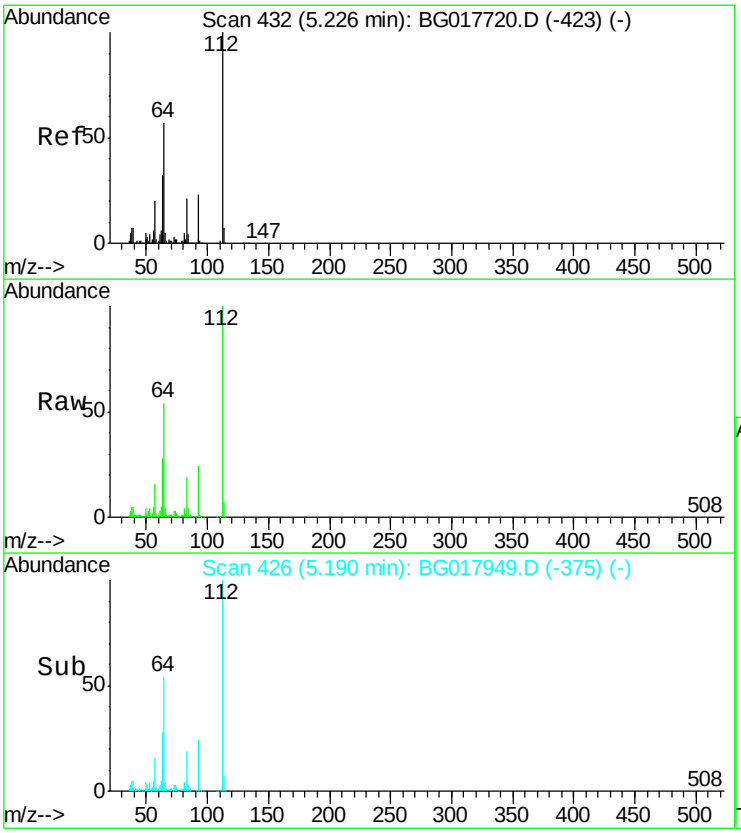
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:152 Resp: 87582

Ion	Ratio	Lower	Upper
152	100		
150	148.7	119.1	178.7
115	57.0	47.0	70.4

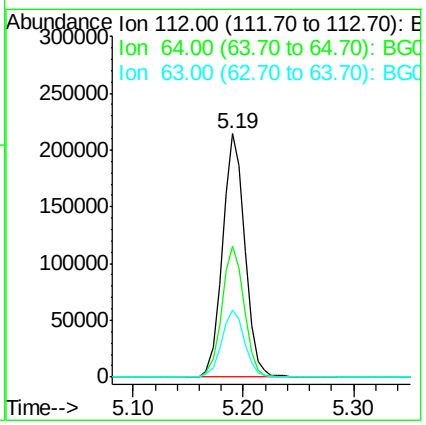


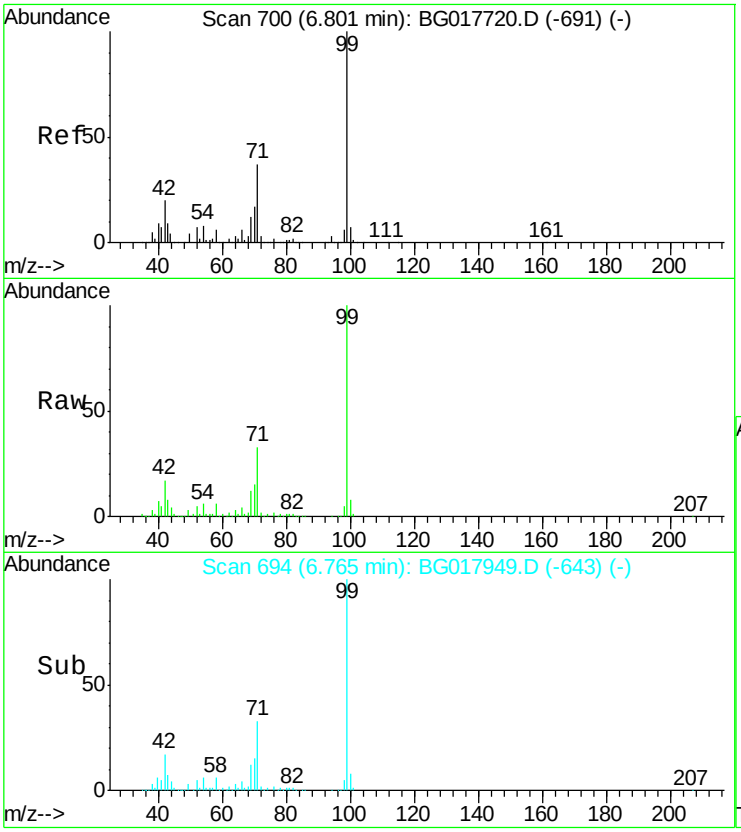


#5
2-Fluorophenol
Concen: 60.37 ng
RT: 5.19 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:112 Resp: 303109

Ion	Ratio	Lower	Upper
112	100		
64	54.0	45.4	68.0
63	27.6	25.3	37.9



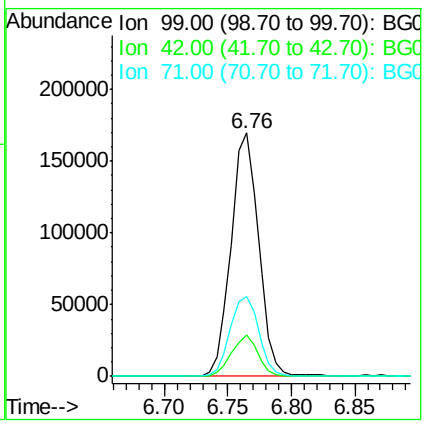


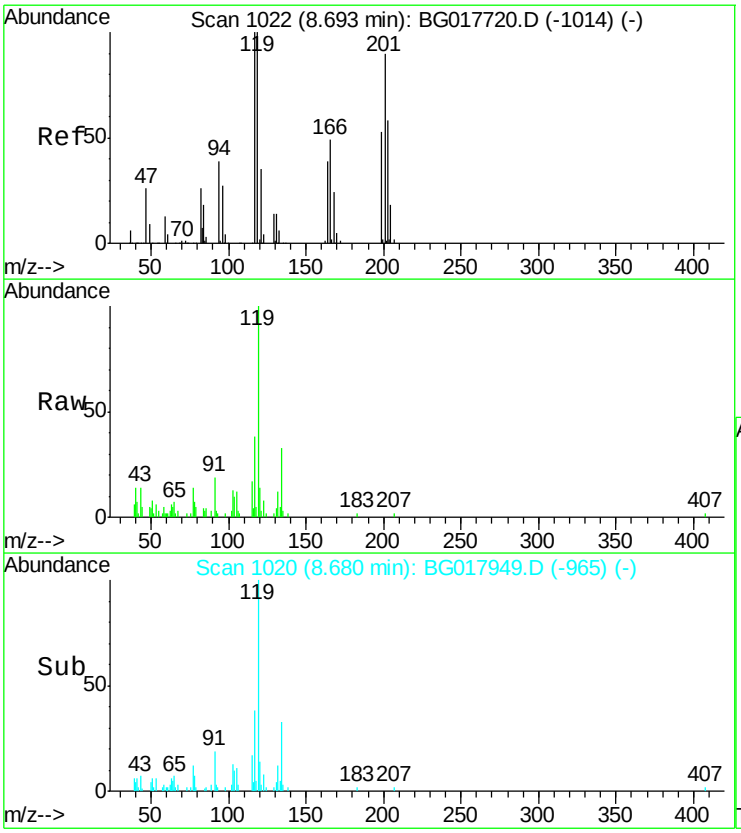
#7
Phenol-d6
Concen: 38.96 ng
RT: 6.76 min Scan# 694
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion: 99 Resp: 256291

Ion	Ratio	Lower	Upper
99	100		
42	17.0	16.2	24.4
71	32.6	29.5	44.3

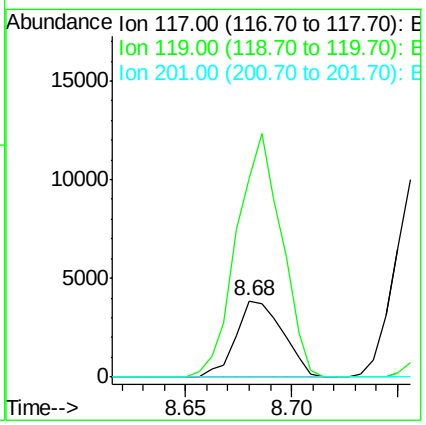


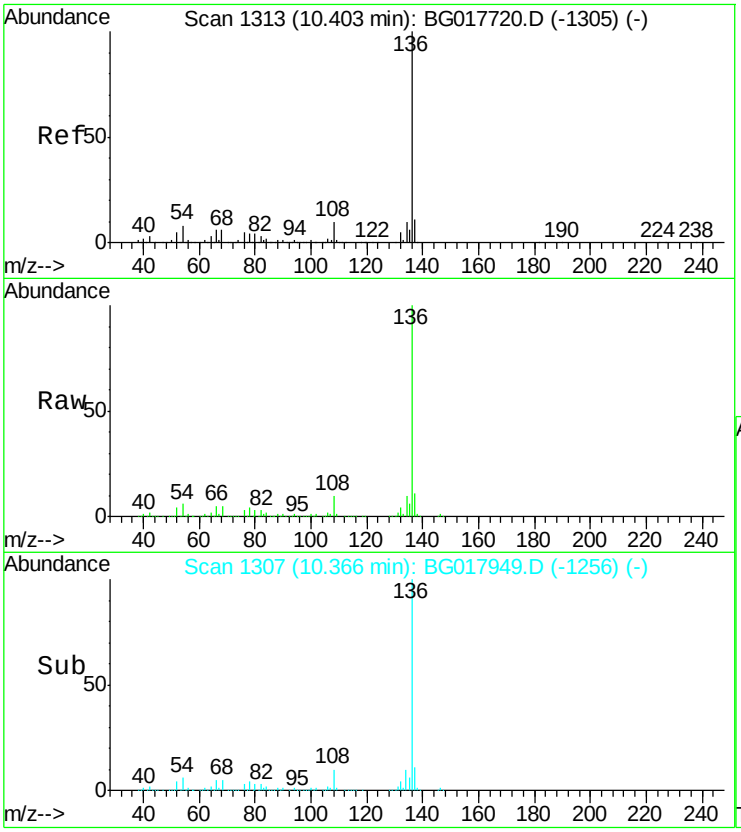


#18
Hexachloroethane
Concen: 2.35 ng
RT: 8.68 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:117 Resp: 5916

Ion	Ratio	Lower	Upper
117	100		
119	261.8	80.1	120.1#
201	0.0	71.9	107.9#



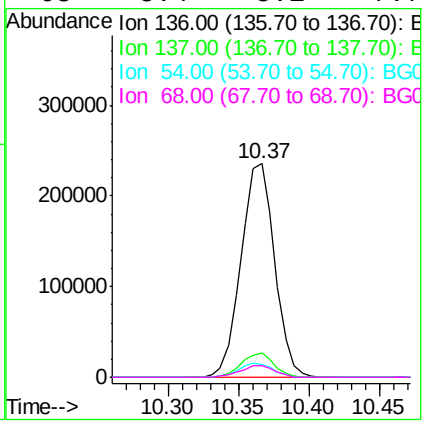


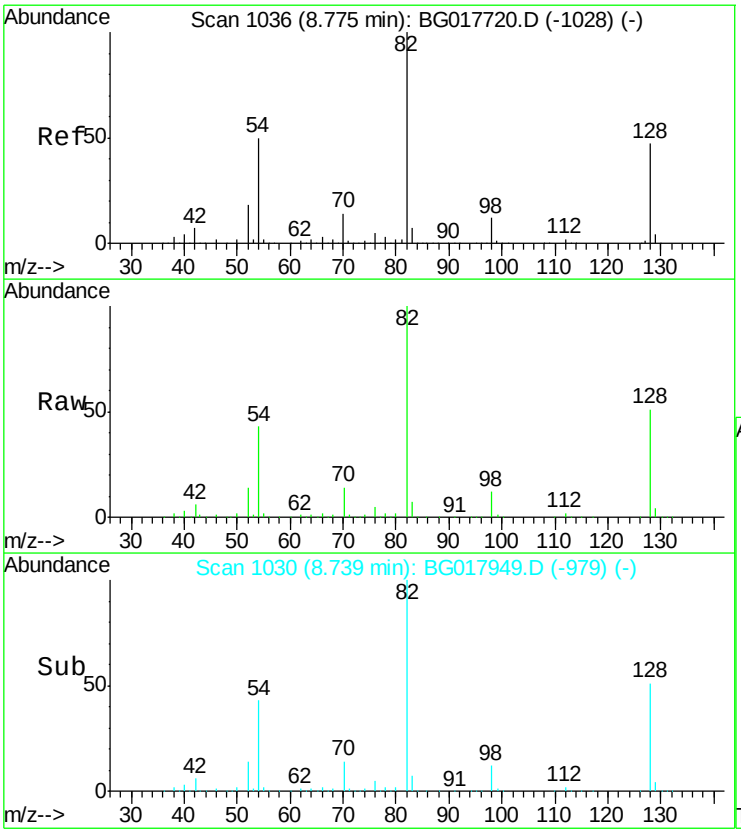
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:136 Resp: 393298

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.3	6.6	9.8#
68	5.4	5.1	7.7

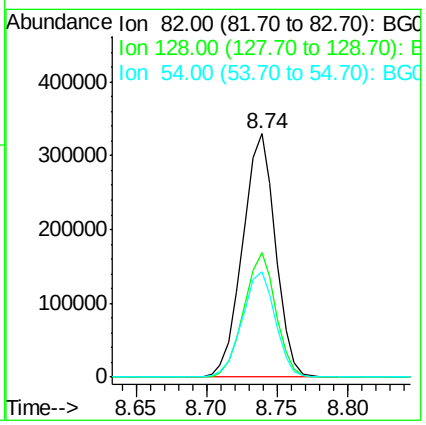


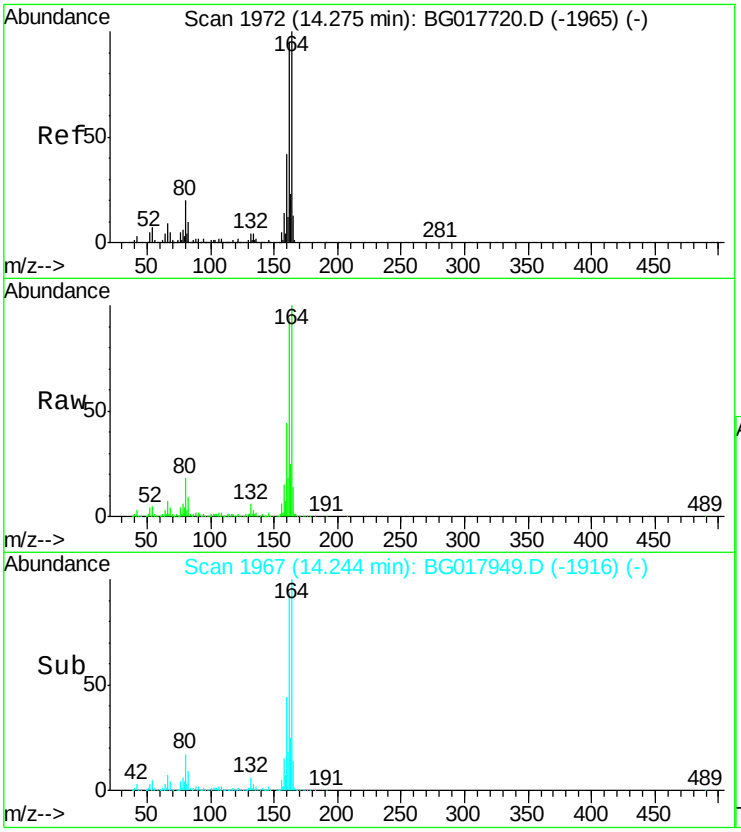


#23
Nitrobenzene-d5
Concen: 88.93 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion: 82 Resp: 540017

Ion	Ratio	Lower	Upper
82	100		
128	51.4	37.8	56.6
54	43.5	39.9	59.9



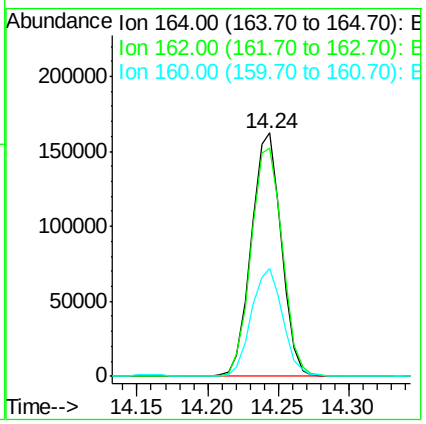


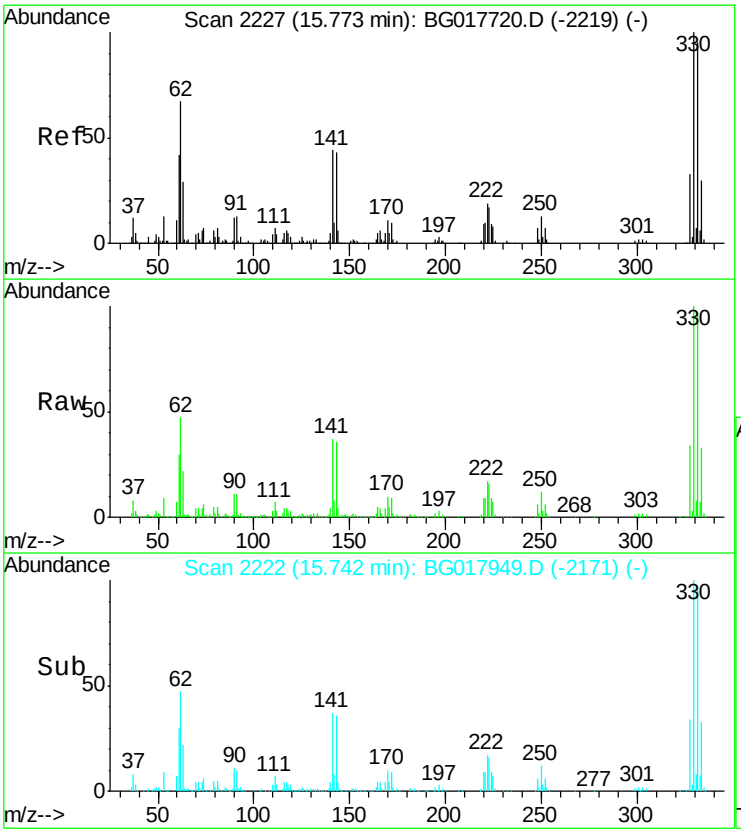
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.24 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:164 Resp: 242442

Ion	Ratio	Lower	Upper
164	100		
162	93.6	76.3	114.5
160	44.3	33.7	50.5

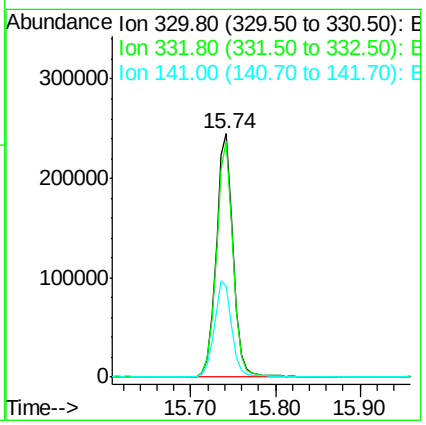


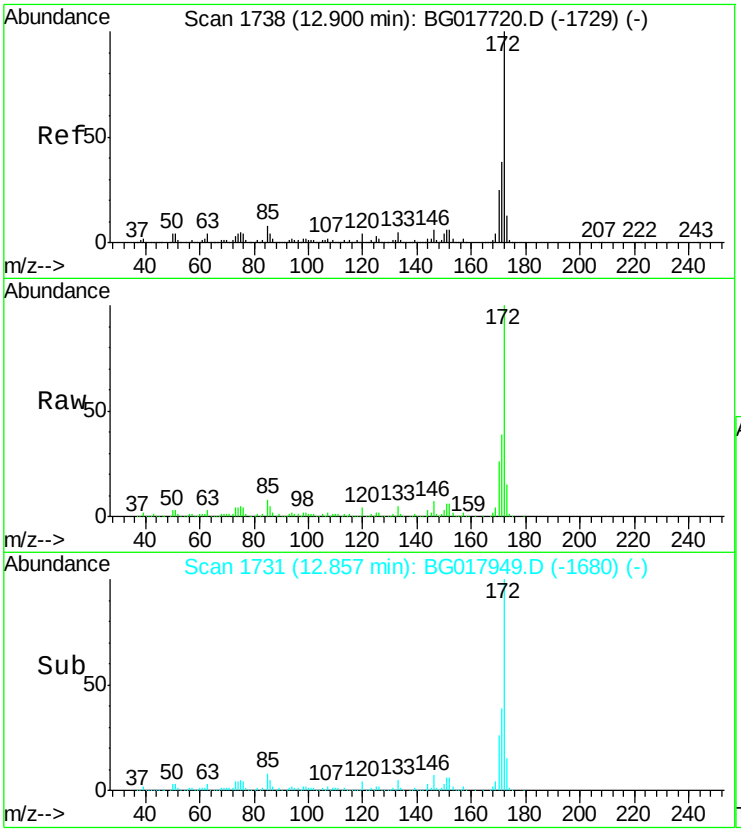


#41
2,4,6-Tribromophenol
Concen: 140.27 ng
RT: 15.74 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:330 Resp: 344533

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.8	115.2
141	40.2	38.0	57.0



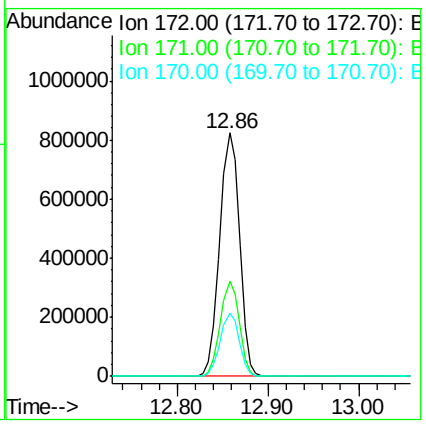


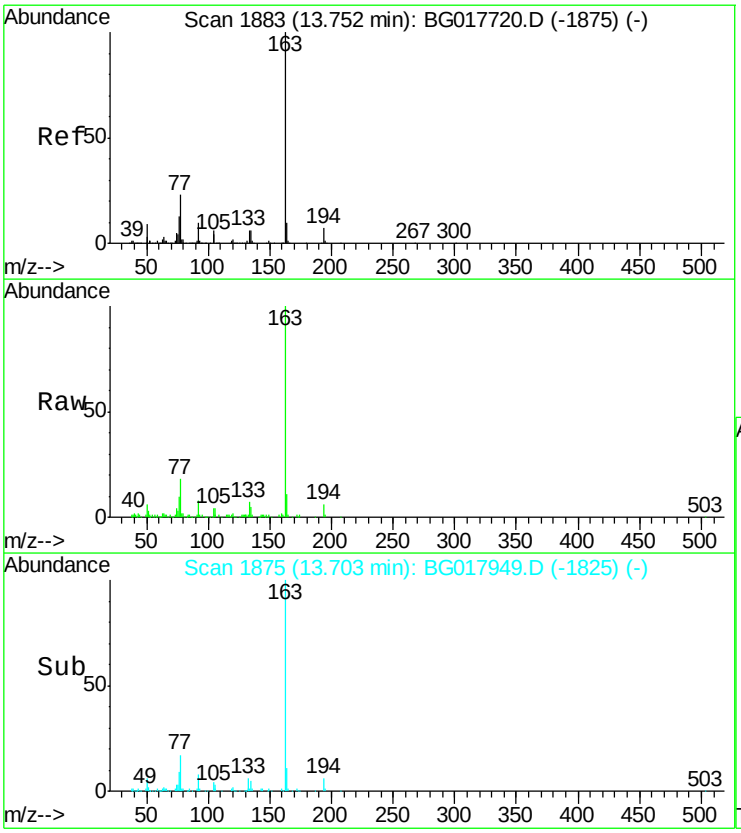
#44
2-Fluorobiphenyl
Concen: 89.28 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:172 Resp: 1249080

Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.7	46.1
170	25.8	19.7	29.5

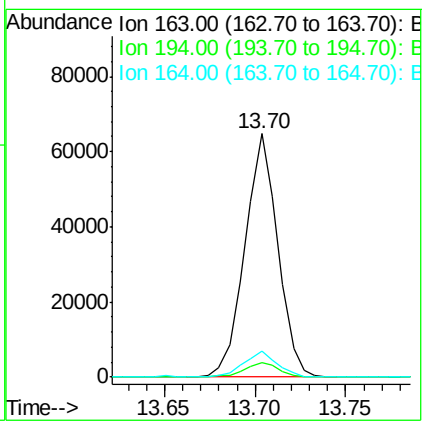


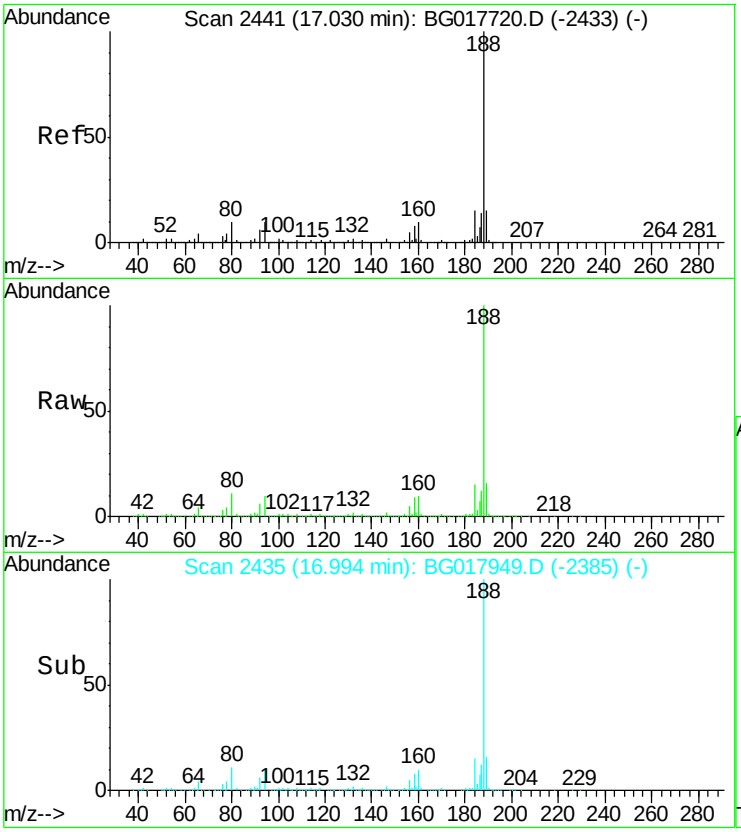


#49
Dimethylphthalate
Concen: 4.84 ng
RT: 13.70 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:163 Resp: 81461

Ion	Ratio	Lower	Upper
163	100		
194	6.1	5.8	8.6
164	10.6	8.3	12.5



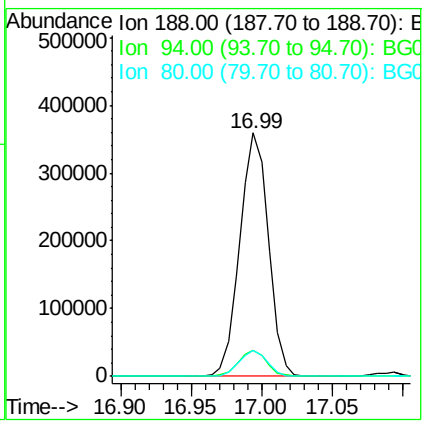


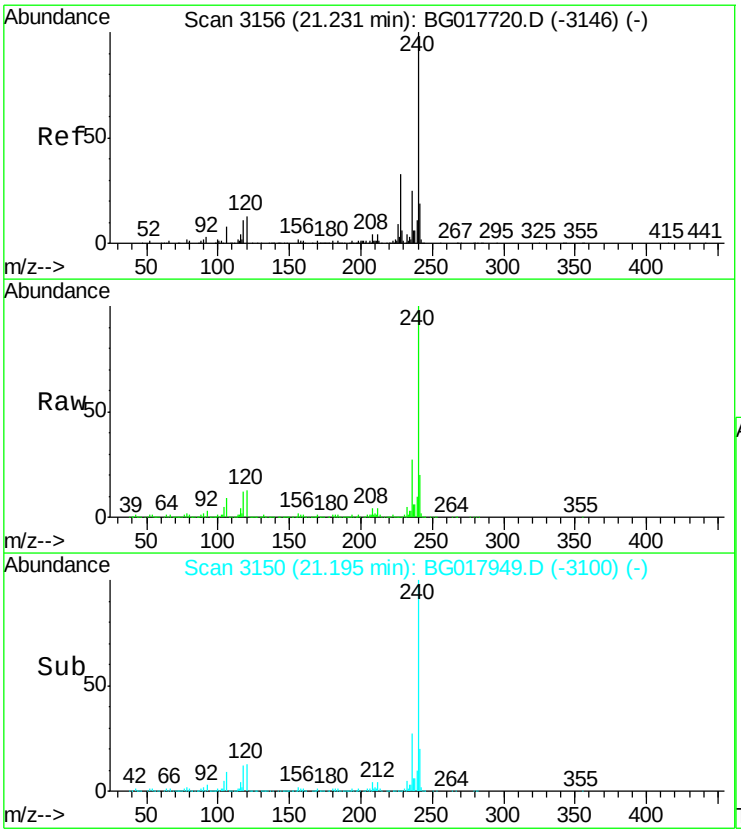
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:188 Resp: 510084

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.2	12.2
80	10.8	8.2	12.4

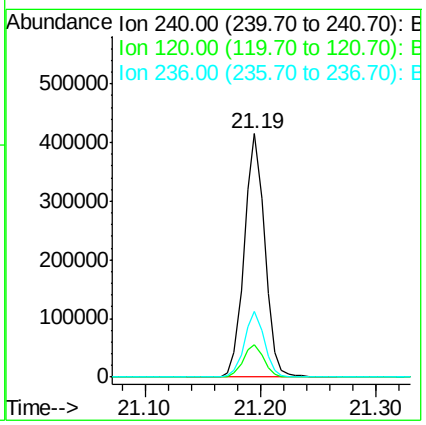


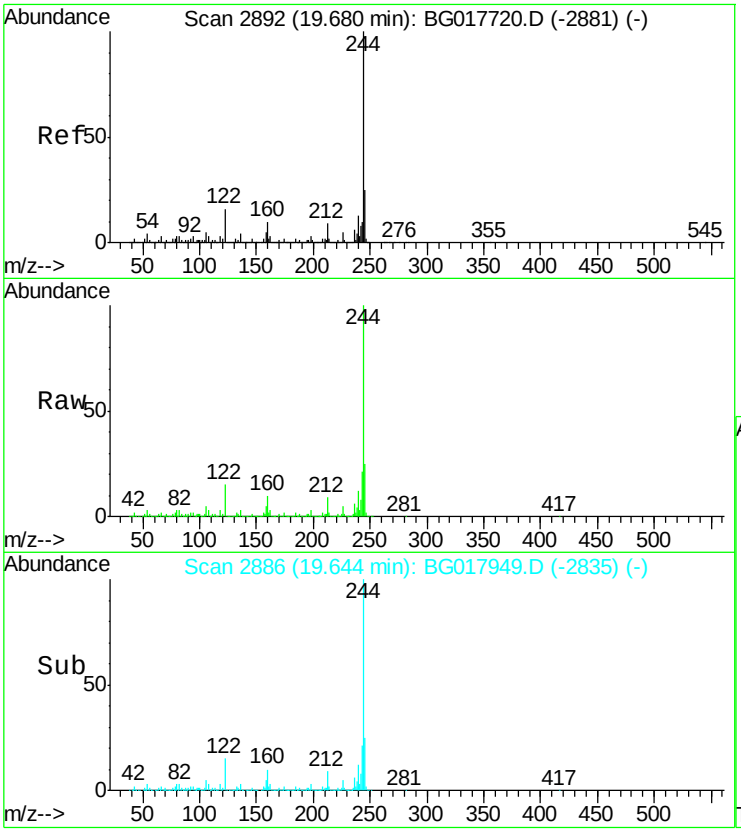


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:240 Resp: 509857

Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.8	16.2
236	27.1	20.0	30.0



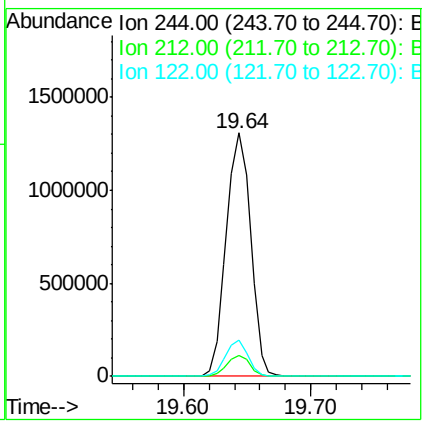


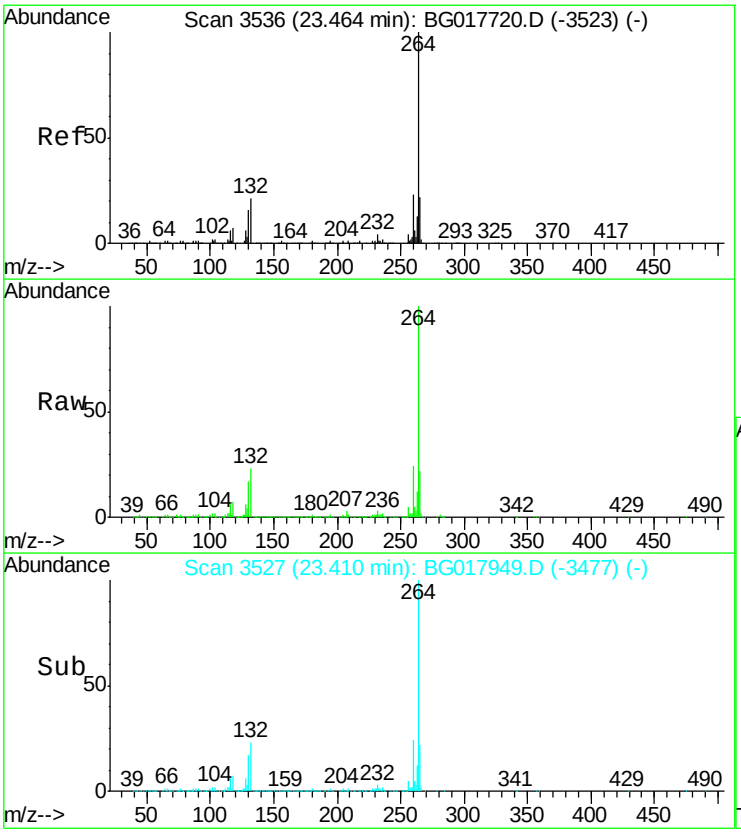
#78
Terphenyl-d14
Concen: 86.57 ng
RT: 19.64 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Instrument :
BNA_G
ClientSampleId :
S-2(8.0-8.5)

Tgt Ion:244 Resp: 1752287

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	15.1	12.8	19.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 3527
Delta R.T. -0.01 min
Lab File: BG017949.D
Acq: 18 Jul 2015 6:29

Tgt Ion:264 Resp: 500286

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.0	18.2	27.2