Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011518\
Data File : BG032046.D
Acq On : 15 Jan 2018 23:51
Operator : SJ/JU
Sample : J1118-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUP-2

Quant Time: Jan 16 04:52:04 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	46321	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	185693	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	132350	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	367682	20.00	ng		-0.01
75) Chrysene-d12	22.47	240	456442	20.00	ng		-0.02
86) Perylene-d12	26.19	264	472351	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.19	112	332631	131.34	ng		0.00
7) Phenol-d6	7.87	99	422897	132.58	ng		0.00
23) Nitrobenzene-d5	9.96	82	241322	87.92	ng		-0.01
41) 2,4,6-Tribromophenol	16.87	330	306211	139.82	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	781153	73.18	ng		0.00
78) Terphenyl-d14	20.66	244	1465632	70.90	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.90	94	10720	3.412	ng		84
49) Dimethylphthalate	14.82	163	77923	6.728	ng	#	99

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

Quantitation Report (LSC Reviewed)

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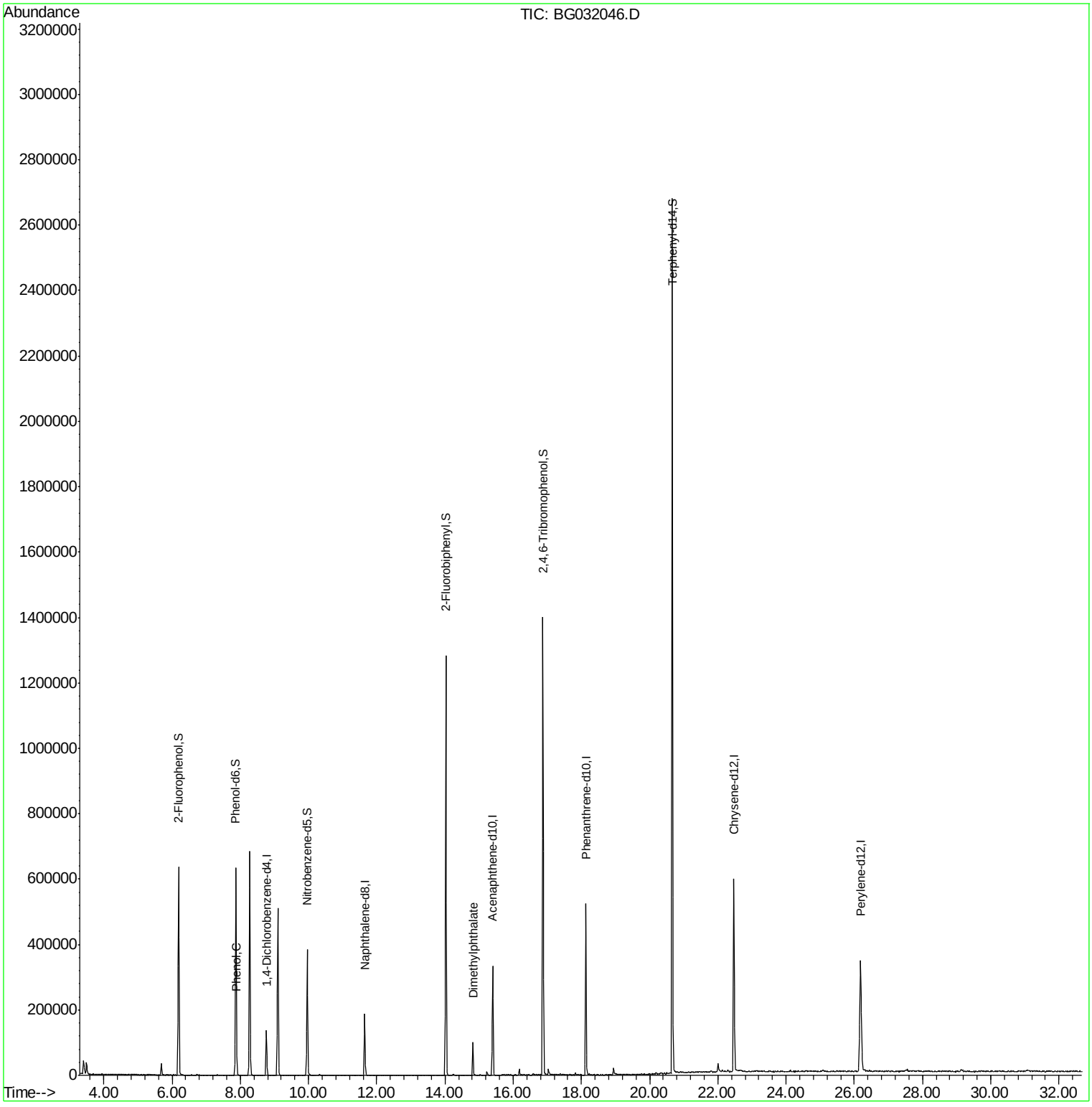
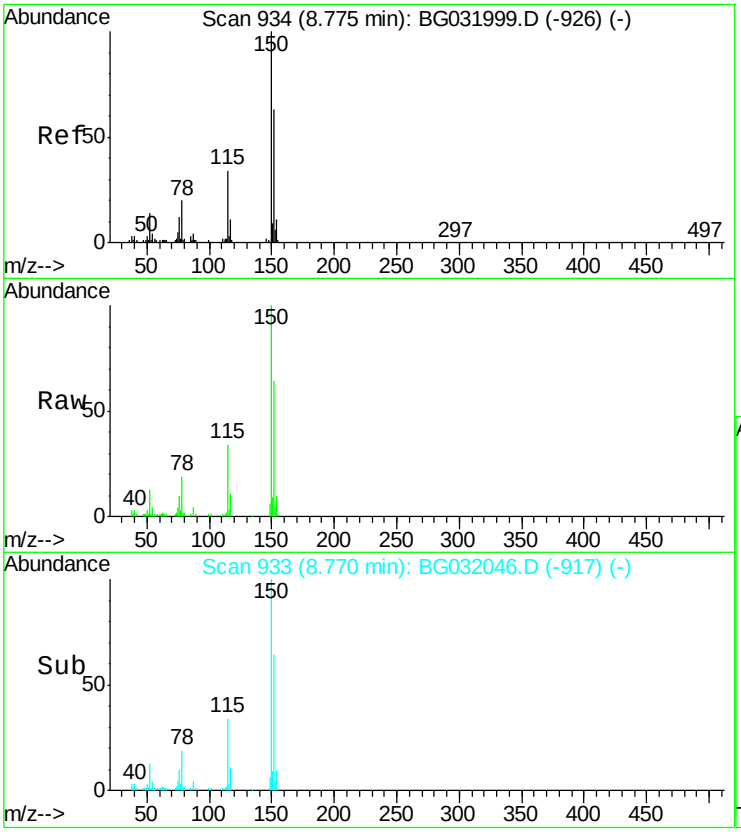


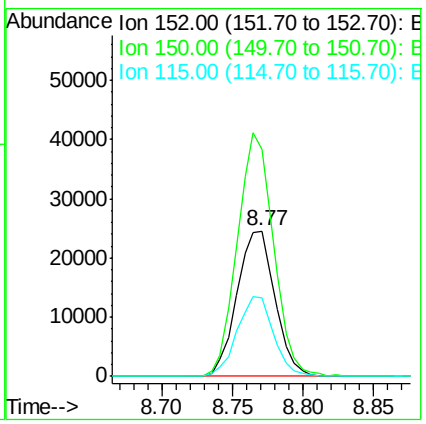


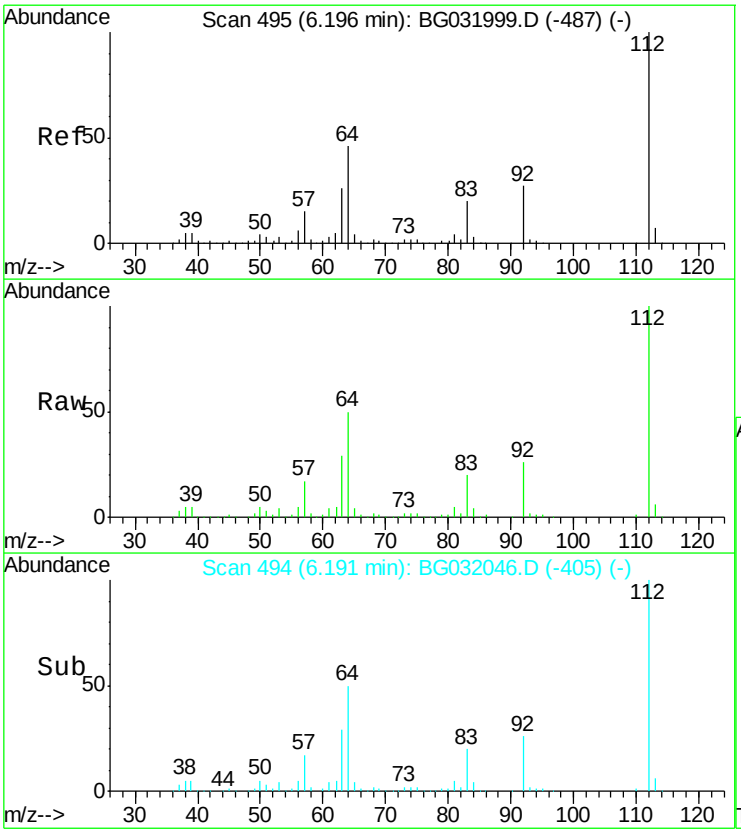
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion:152 Resp: 46321

Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.6	189.8
115	53.7	53.0	79.4

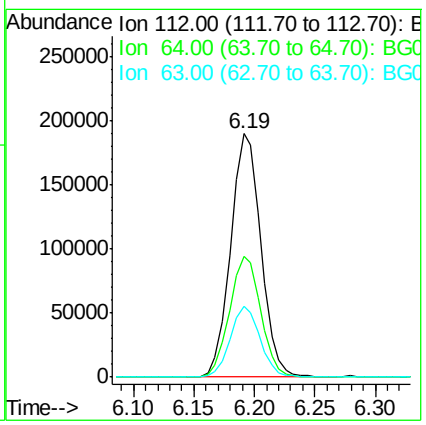


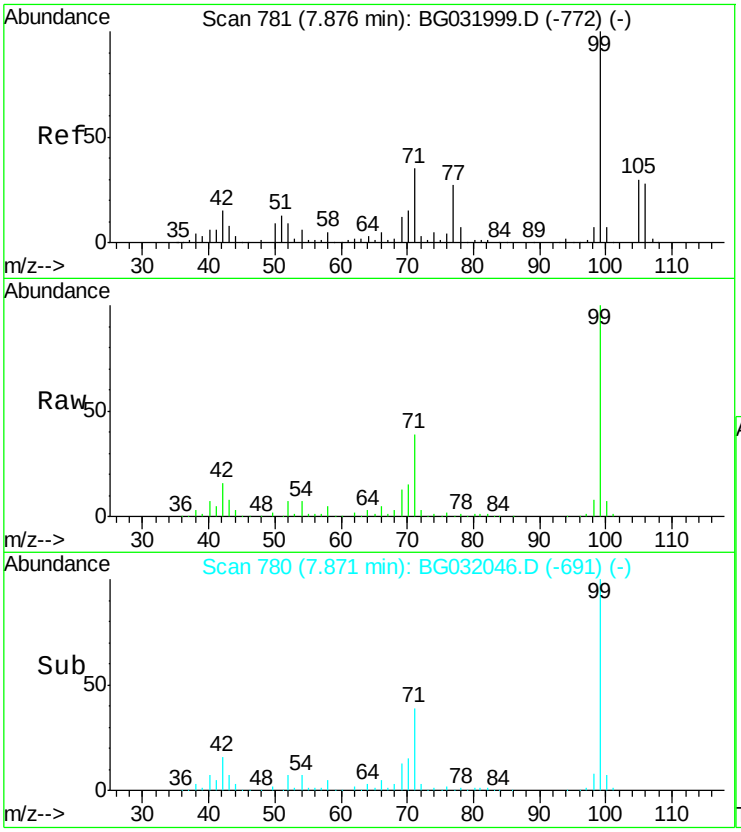


#5
2-Fluorophenol
Concen: 131.336 ng
RT: 6.19 min Scan# 494
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:112 Resp: 332631

Ion	Ratio	Lower	Upper
112	100		
64	49.7	56.3	84.5#
63	29.2	30.1	45.1#



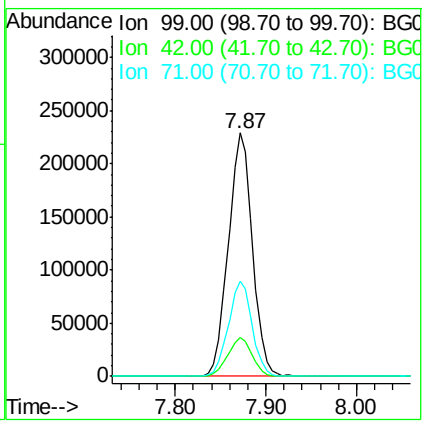


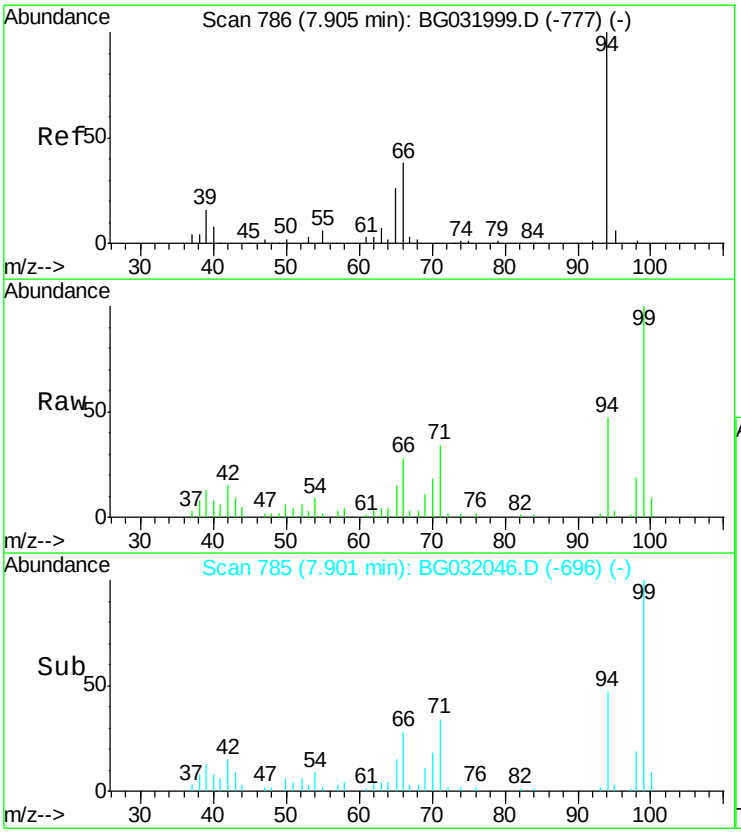
#7
Phenol-d6
Concen: 132.580 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion: 99 Resp: 422897

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.1	21.1
71	39.3	26.1	39.1#

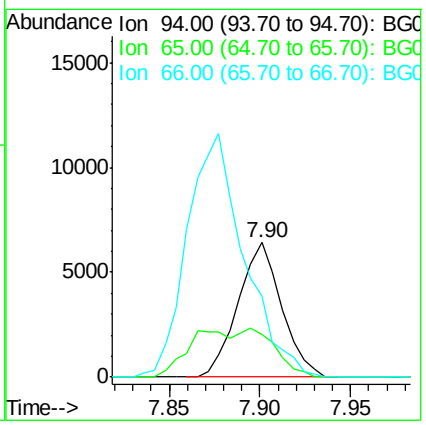


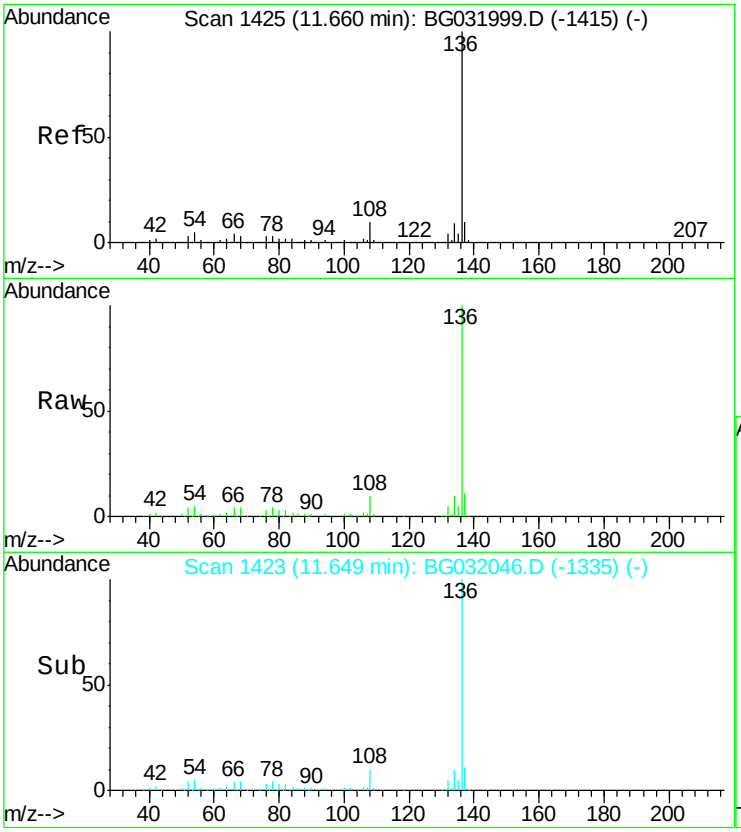


#10
Phenol
Concen: 3.412 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion: 94 Resp: 10720

Ion	Ratio	Lower	Upper
94	100		
65	32.1	11.9	51.9
66	60.2	22.2	62.2



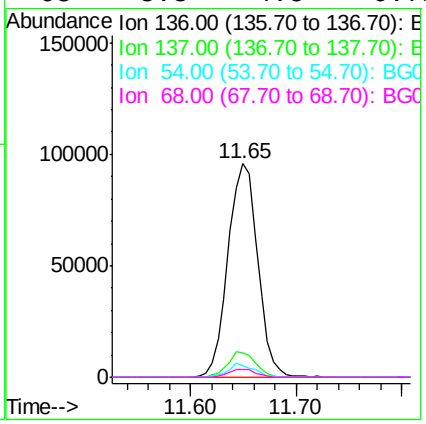


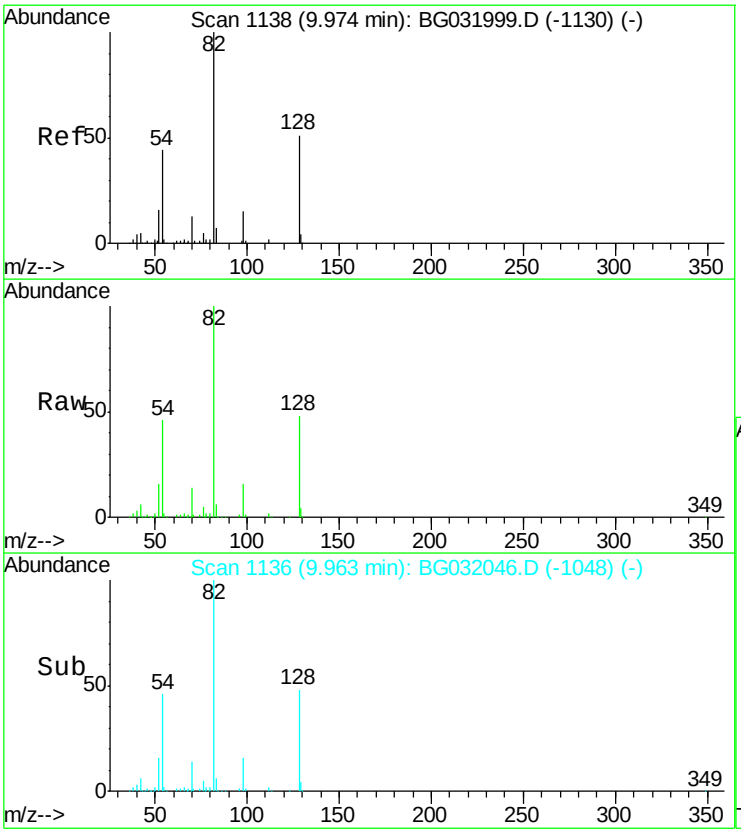
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion:136 Resp: 185693

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	5.4	10.3	15.5#
68	3.8	4.5	6.7#

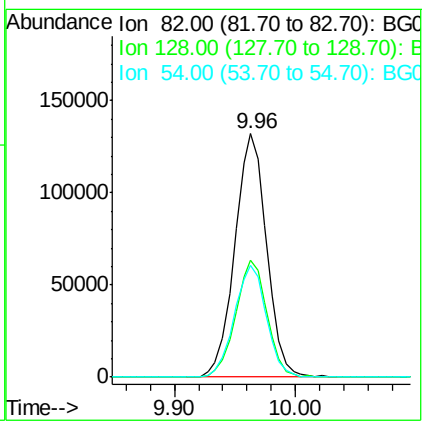


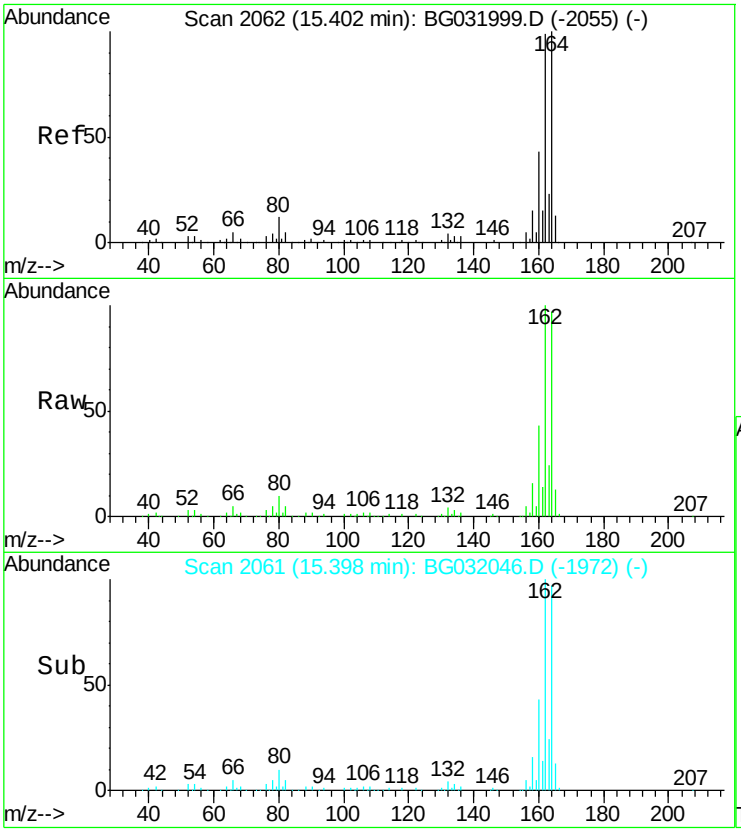


#23
Nitrobenzene-d5
Concen: 87.922 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion: 82 Resp: 241322

Ion	Ratio	Lower	Upper
82	100		
128	47.9	29.7	44.5#
54	46.1	43.1	64.7



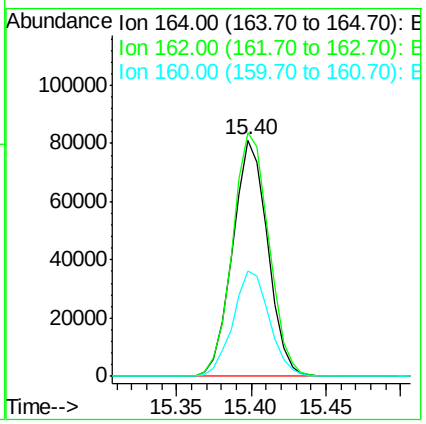


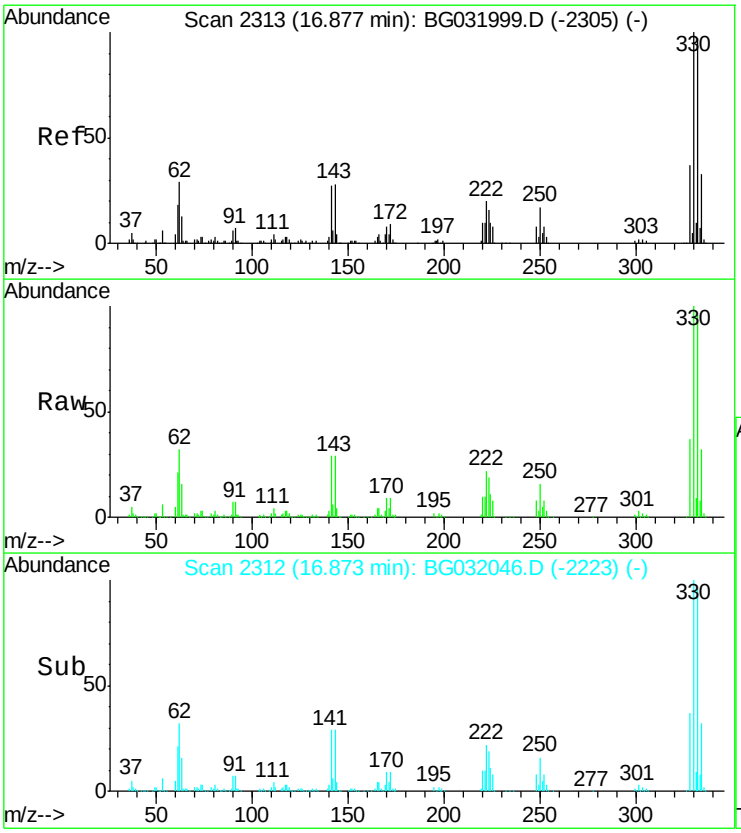
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion:164 Resp: 132350

Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.6	35.4	53.0

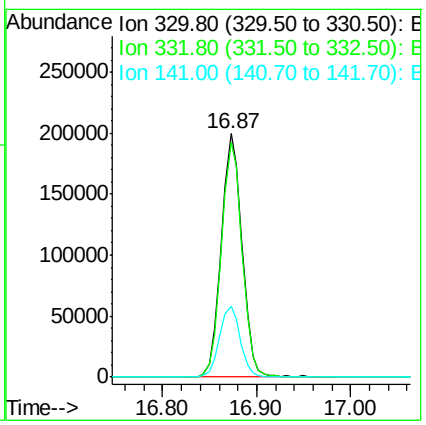


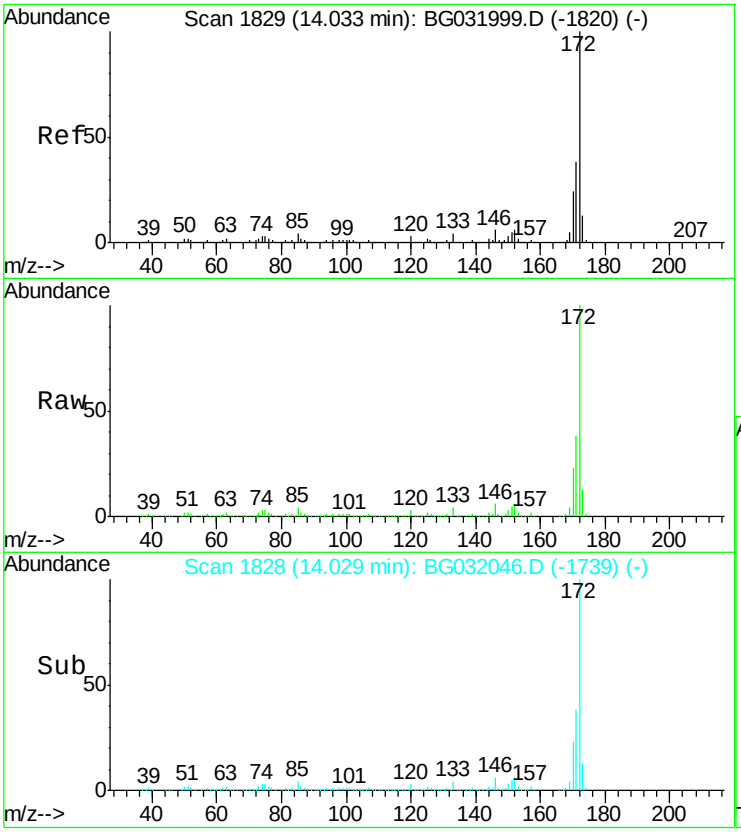


#41
2,4,6-Tribromophenol
Concen: 139.817 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:330 Resp: 306211

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.1	25.2	37.8



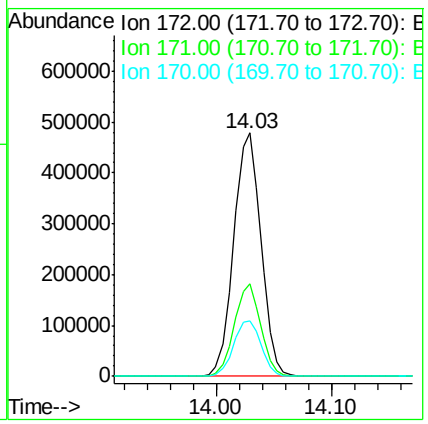


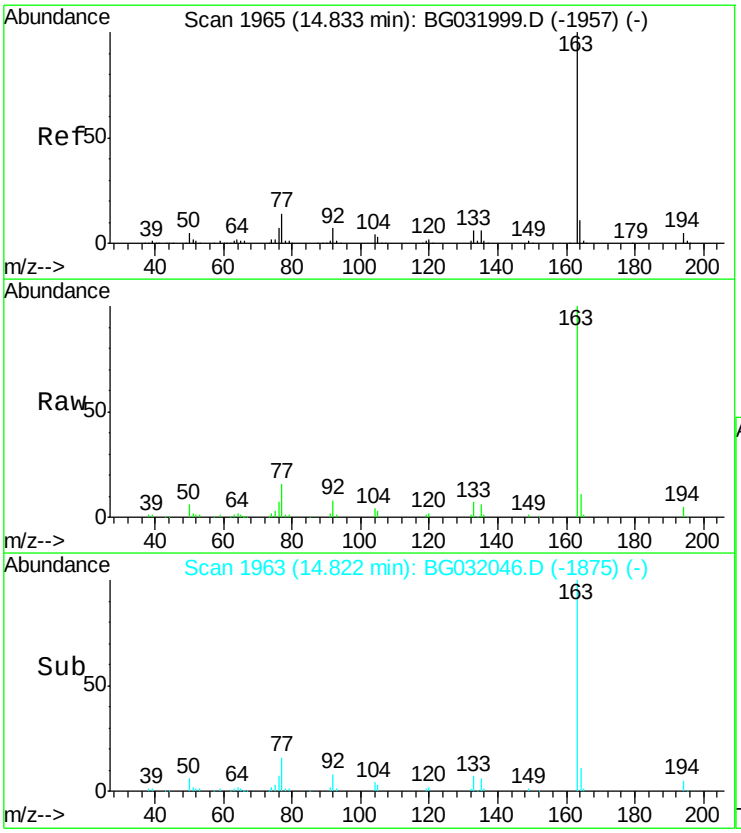
#44
2-Fluorobiphenyl
Concen: 73.184 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion:172 Resp: 781153

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	22.7	19.5	29.3

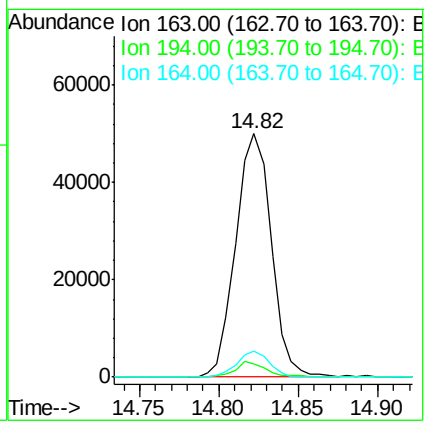


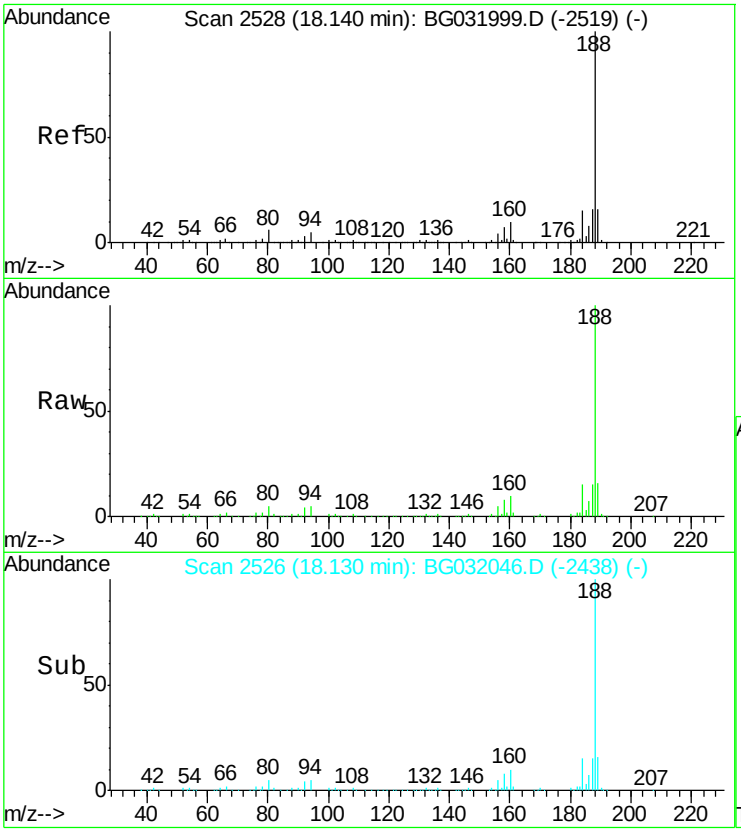


#49
Dimethylphthalate
Concen: 6.728 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:163 Resp: 77923

Ion	Ratio	Lower	Upper
163	100		
194	5.4	3.4	5.2#
164	10.5	8.2	12.4



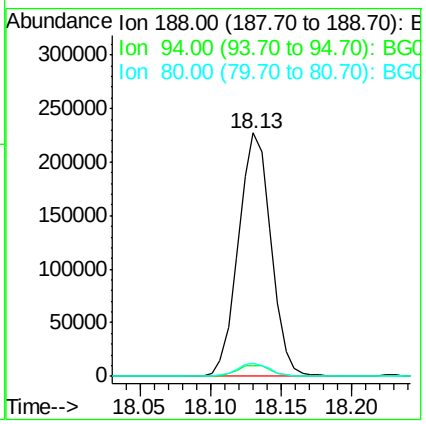


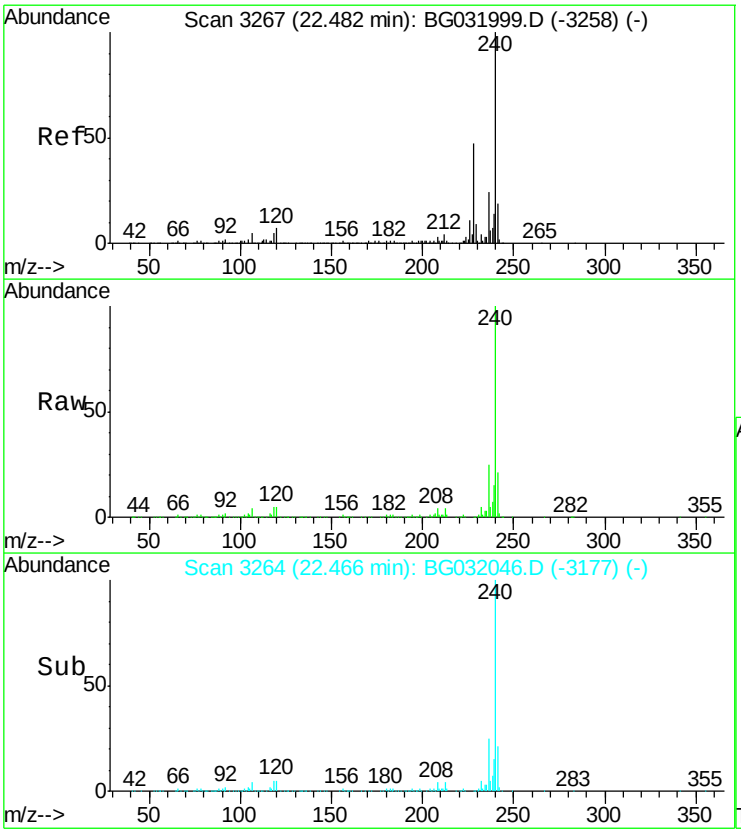
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion:188 Resp: 367682

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	5.3	7.7	11.5#

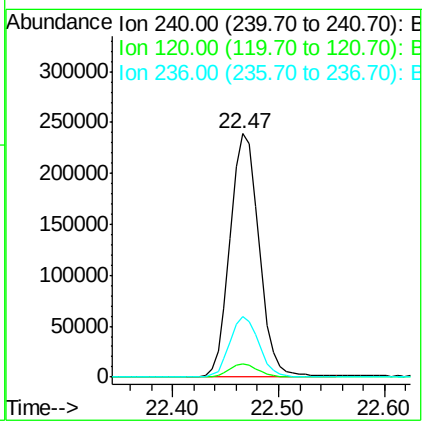


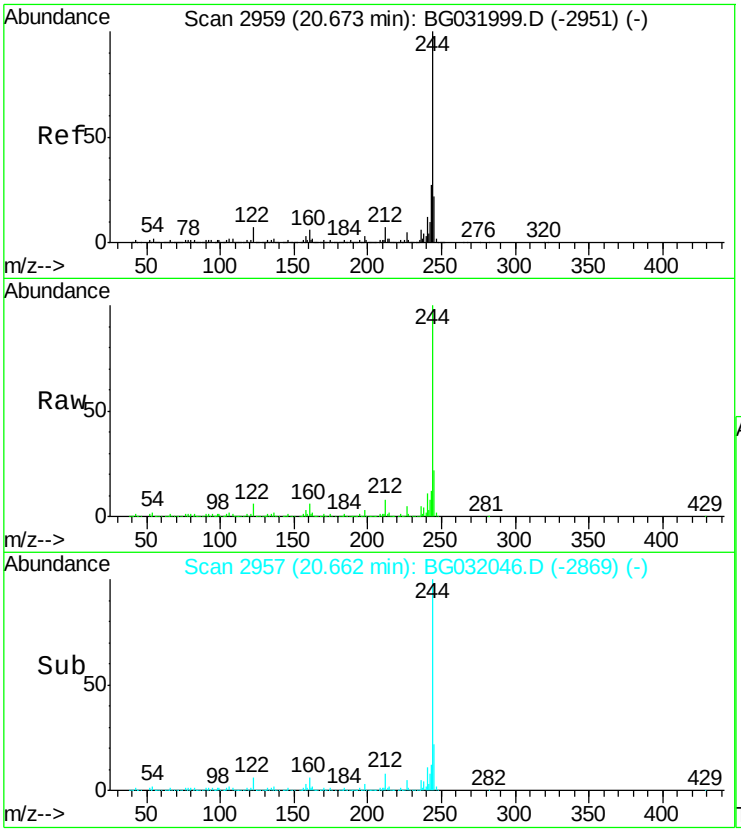


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:240 Resp: 456442

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.8	10.2#
236	25.0	20.9	31.3



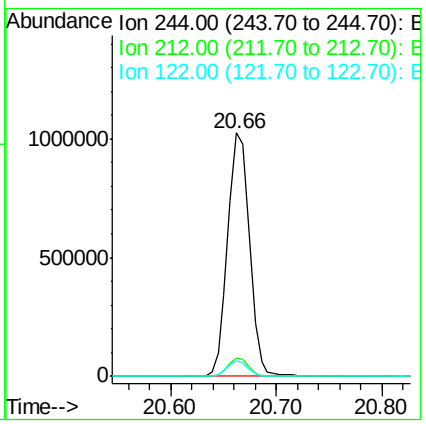


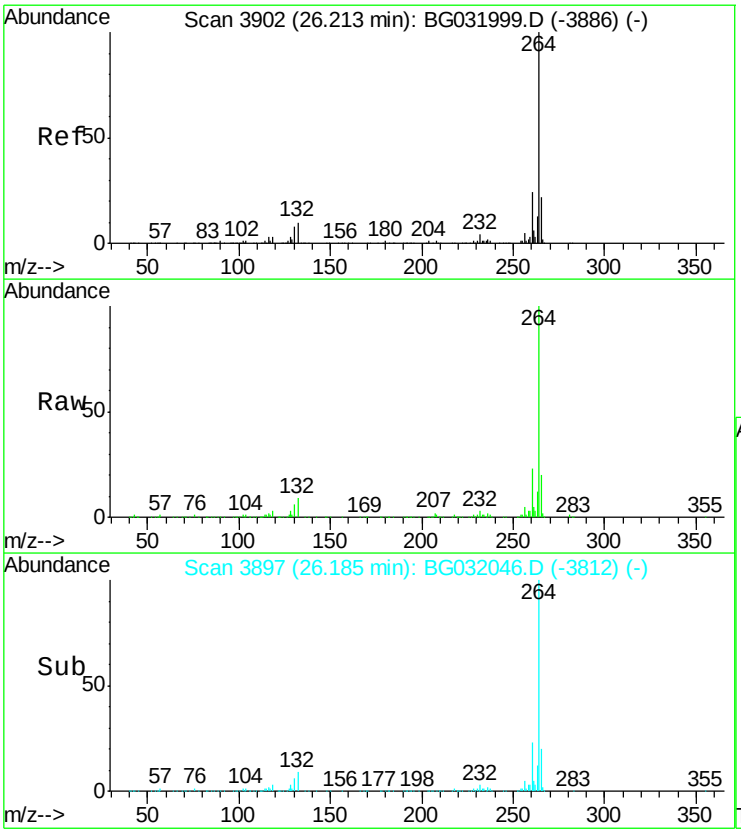
#78
Terphenyl-d14
Concen: 70.900 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Instrument :
BNA_G
ClientSampleId :
DUP-2

Tgt Ion:244 Resp: 1465632

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	6.4	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032046.D
Acq: 15 Jan 2018 23:51

Tgt Ion:264 Resp: 472351

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.2	17.7	26.5