Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031501.D
Acq On : 12 Dec 2017 20:48
Operator : SJ/JU
Sample : I6824-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-4

Quant Time: Dec 13 05:55:50 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61033	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	262637	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	172897	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	462260	20.00	ng	0.00
75) Chrysene-d12	21.74	240	530363	20.00	ng	0.00
86) Perylene-d12	25.03	264	511364	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	274595	79.75	ng	0.00
7) Phenol-d6	7.28	99	219869	46.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	448549	105.27	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	369470	182.40	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1287476	109.30	ng	0.00
78) Terphenyl-d14	20.07	244	2272302	97.48	ng	0.00
Target Compounds						Qvalue
62) Azobenzene	16.08	77	48584	4.088	ng	# 1
69) Pentachlorophenol	17.34	266	62	5.683	ng	# 19

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

Quantitation Report (Not Reviewed)

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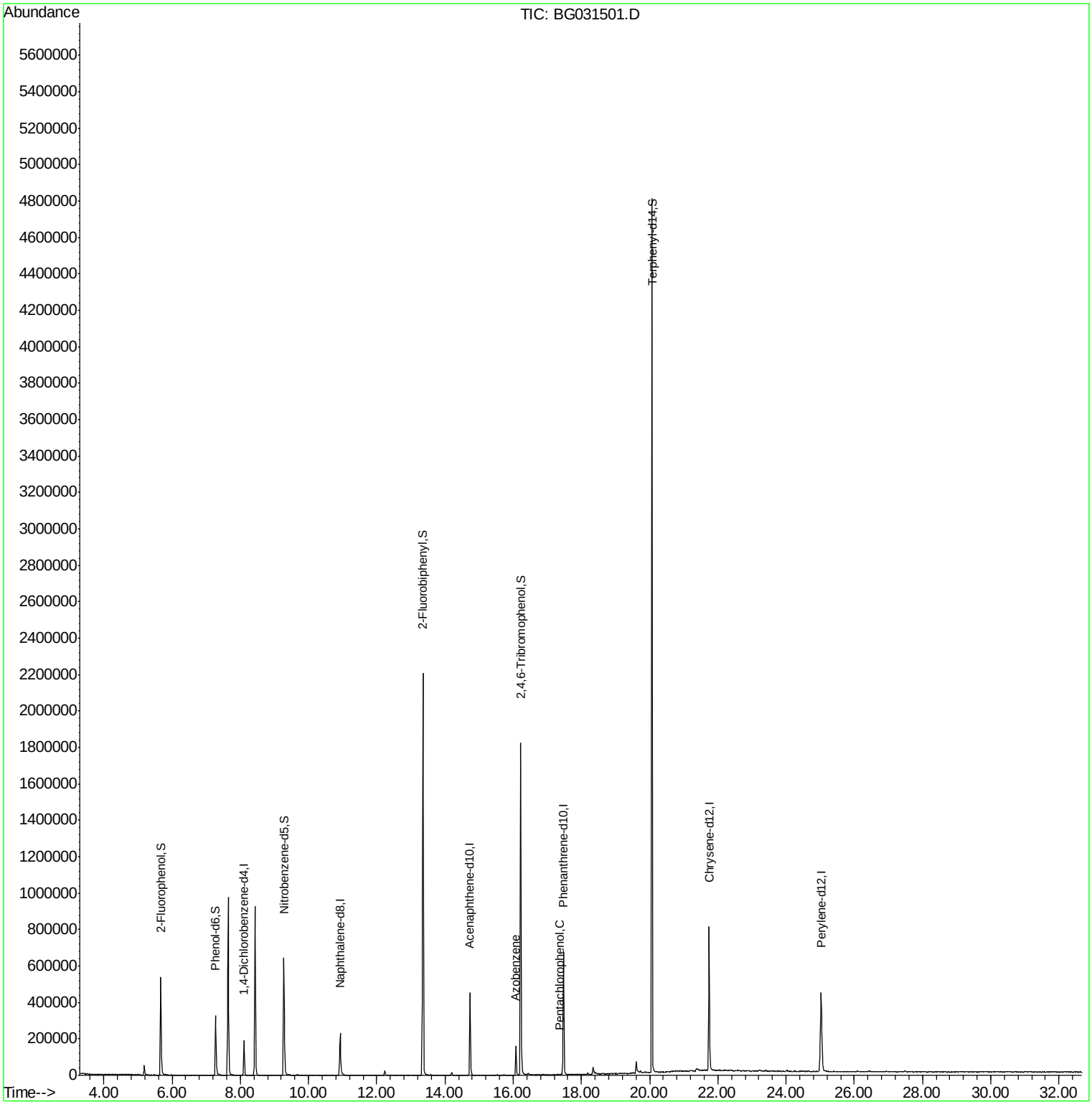
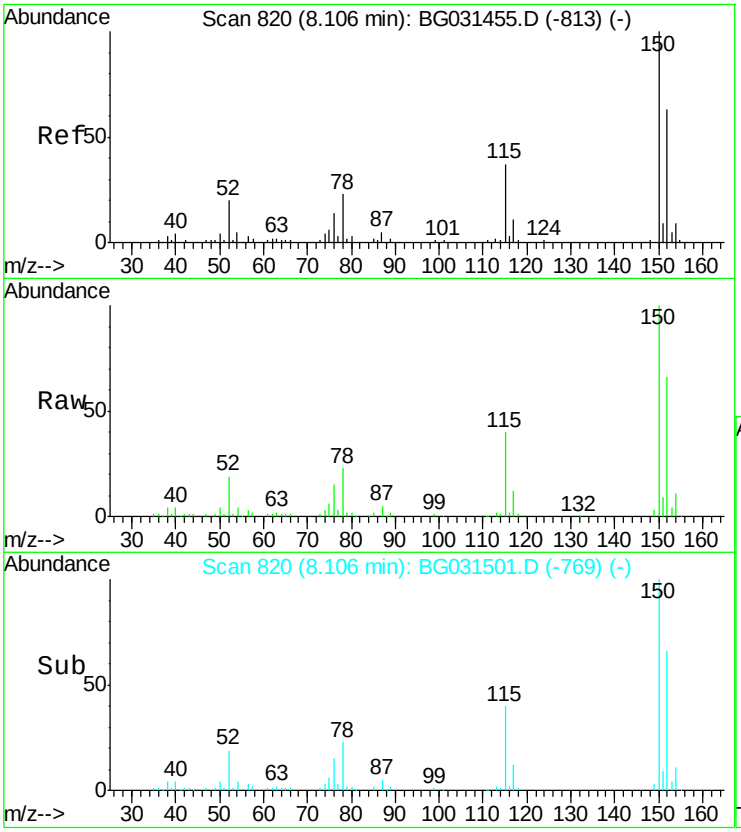


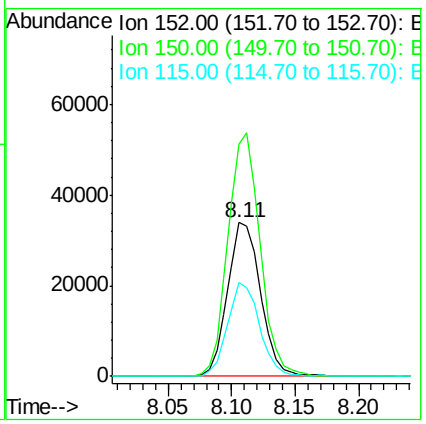


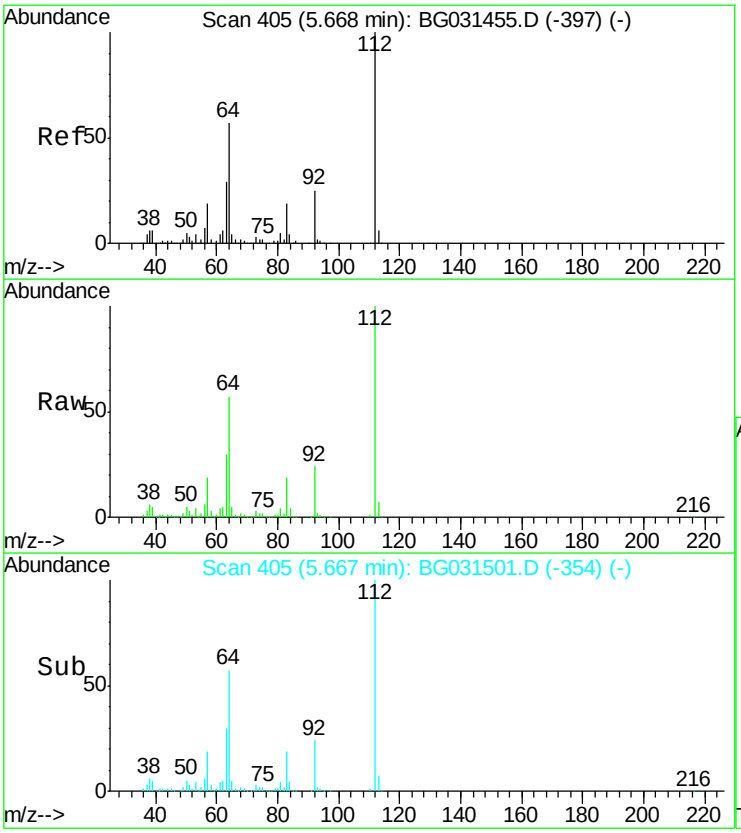
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion:152 Resp: 61033

Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	61.2	53.0	79.4

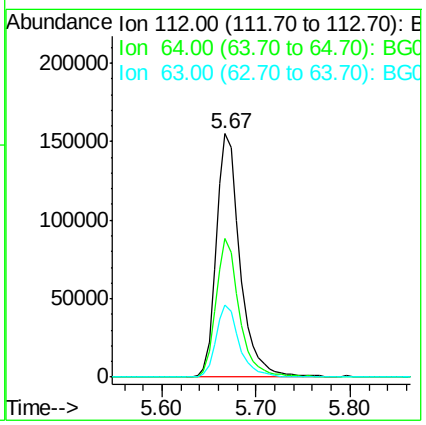


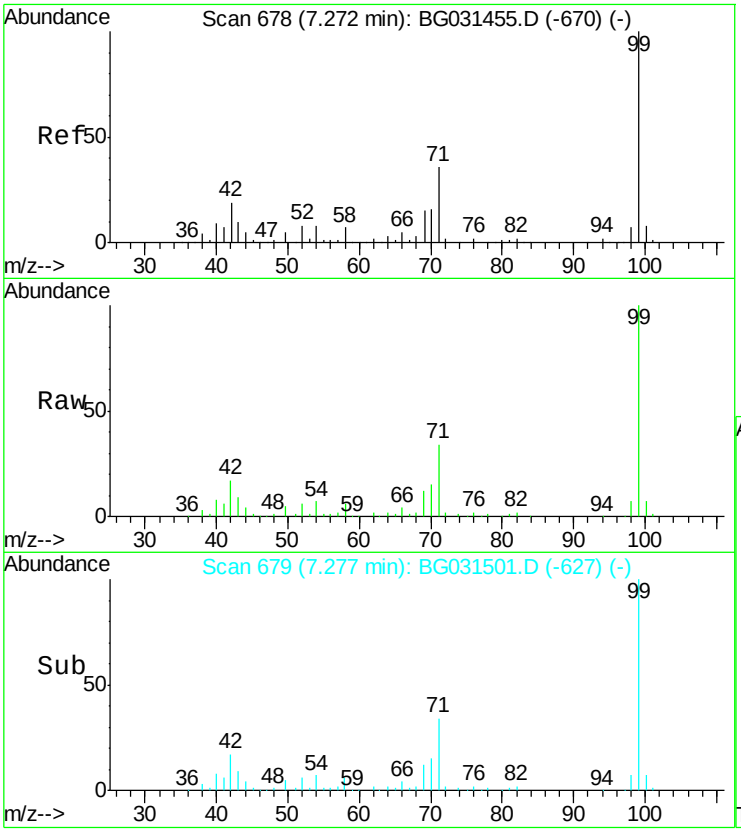


#5
2-Fluorophenol
Concen: 79.748 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:112 Resp: 274595

Ion	Ratio	Lower	Upper
112	100		
64	57.1	56.3	84.5
63	29.6	30.1	45.1#



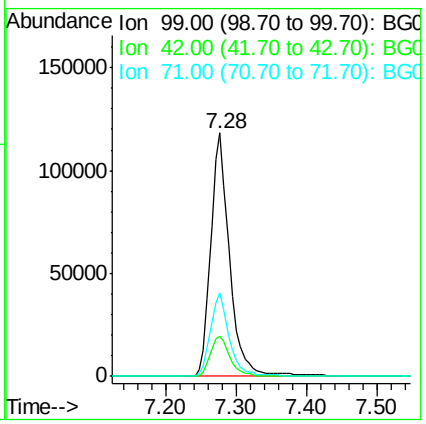


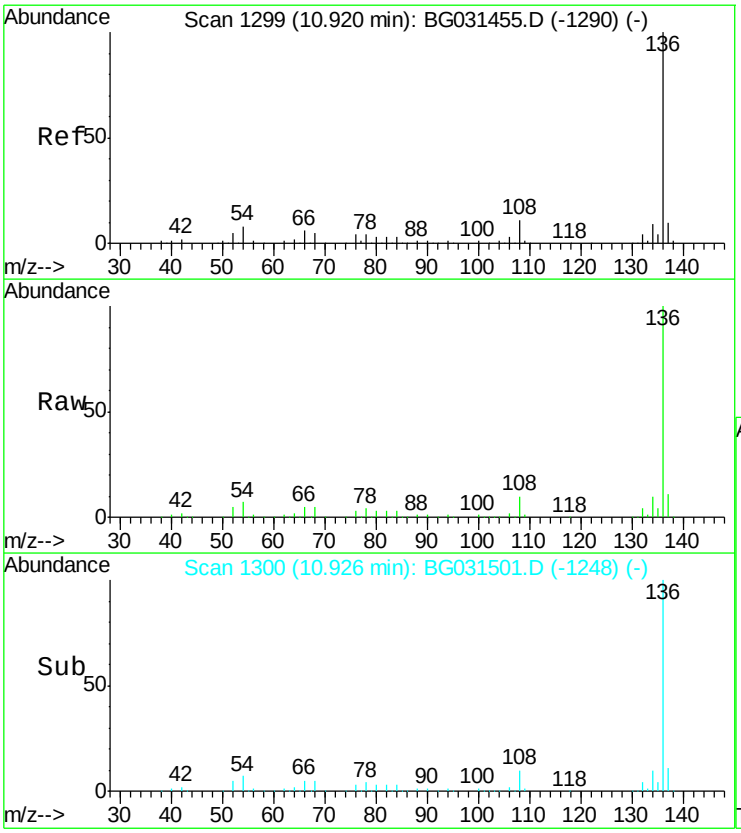
#7
Phenol-d6
Concen: 45.997 ng
RT: 7.28 min Scan# 679
Delta R.T. 0.01 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion: 99 Resp: 219869

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.1	21.1
71	34.3	26.1	39.1

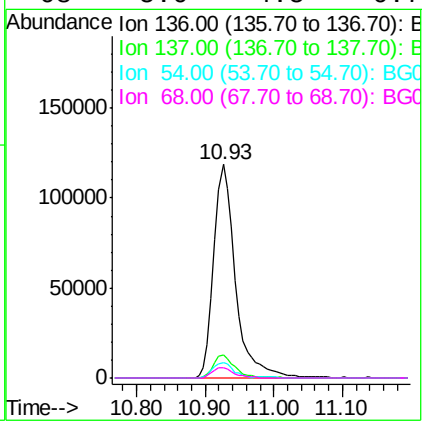


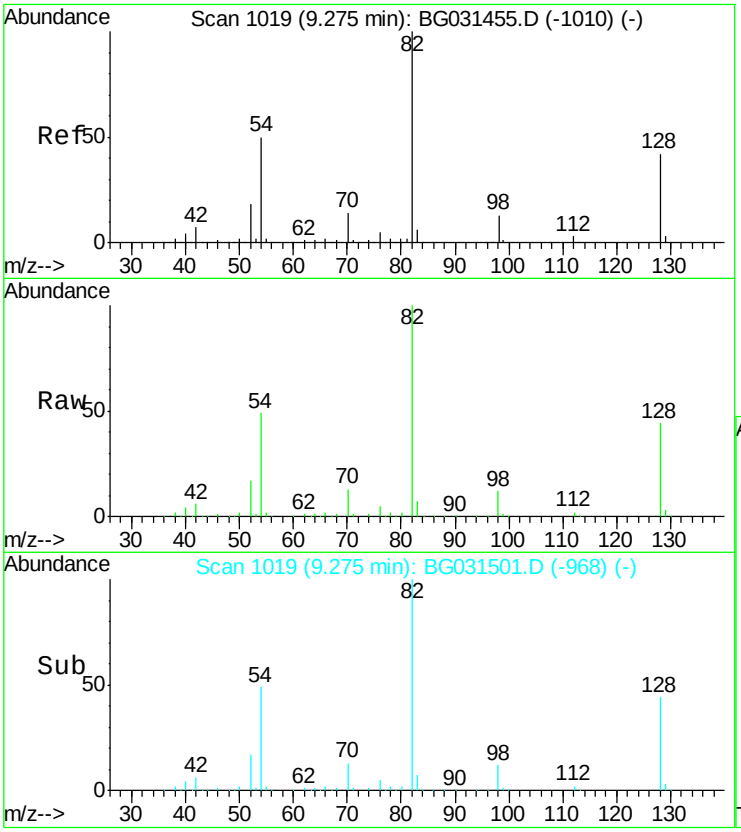


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. 0.01 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:136 Resp: 262637

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.2	10.3	15.5#
68	5.0	4.5	6.7



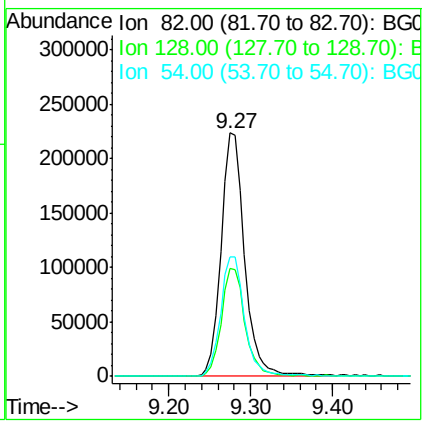


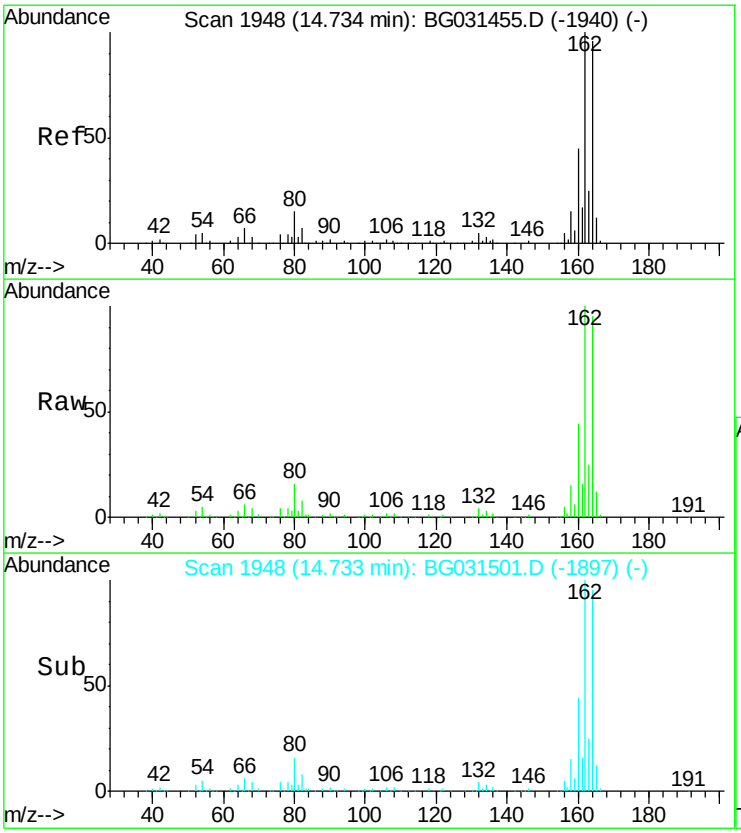
#23
Nitrobenzene-d5
Concen: 105.267 ng
RT: 9.27 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion: 82 Resp: 448549

Ion	Ratio	Lower	Upper
82	100		
128	44.1	29.7	44.5
54	49.2	43.1	64.7

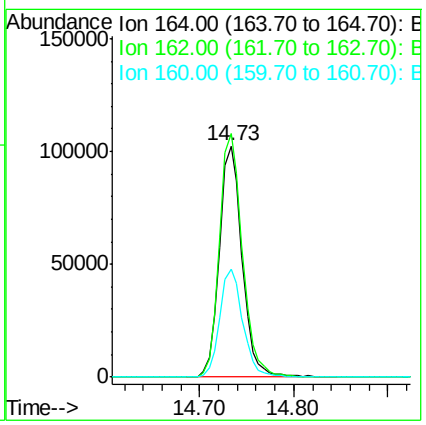


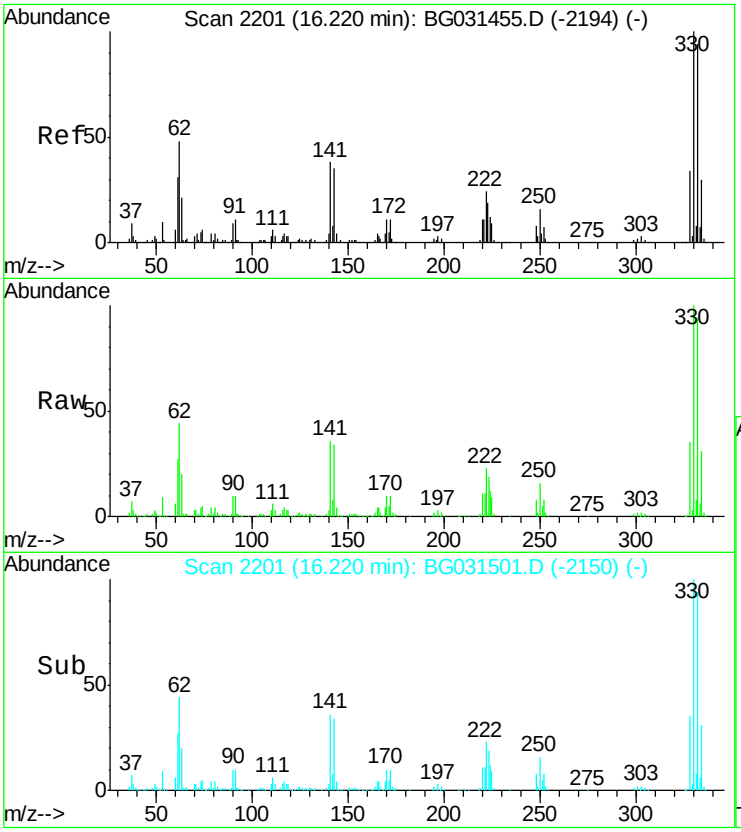


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:164 Resp: 172897

Ion	Ratio	Lower	Upper
164	100		
162	105.3	78.8	118.2
160	46.6	35.4	53.0



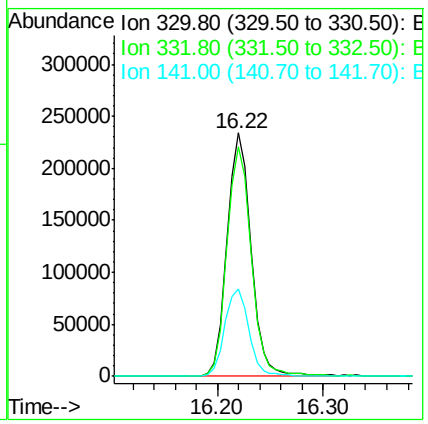


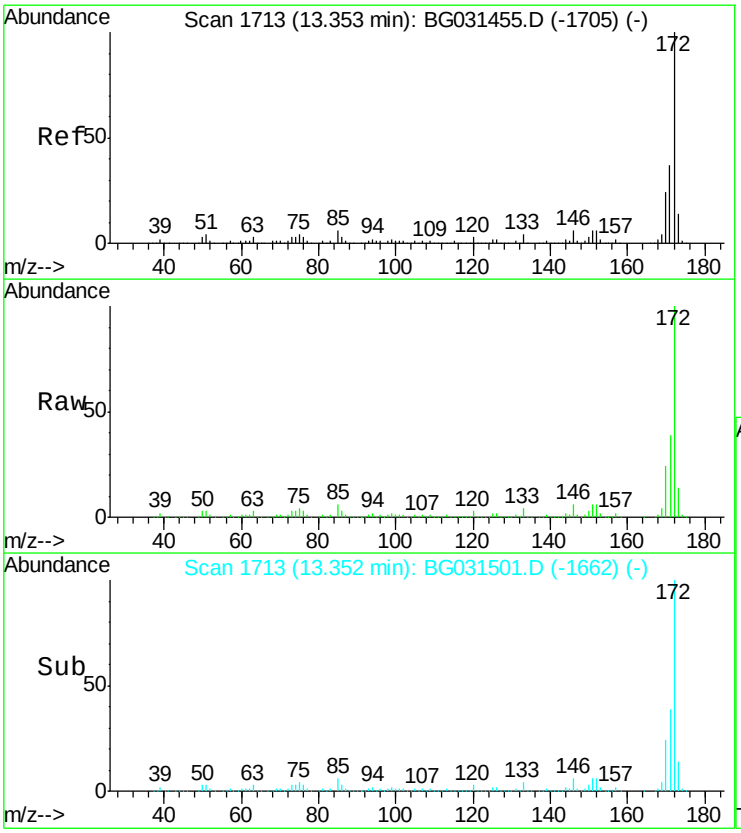
#41
2,4,6-Tribromophenol
Concen: 182.404 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion:330 Resp: 369470

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	36.3	25.2	37.8

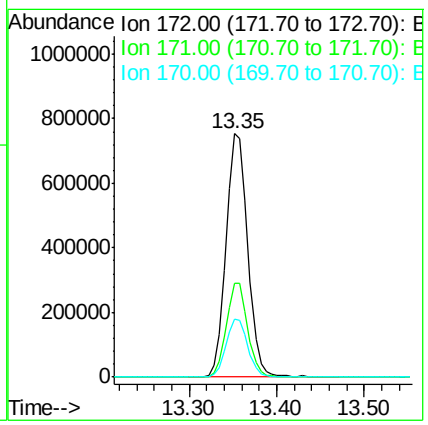


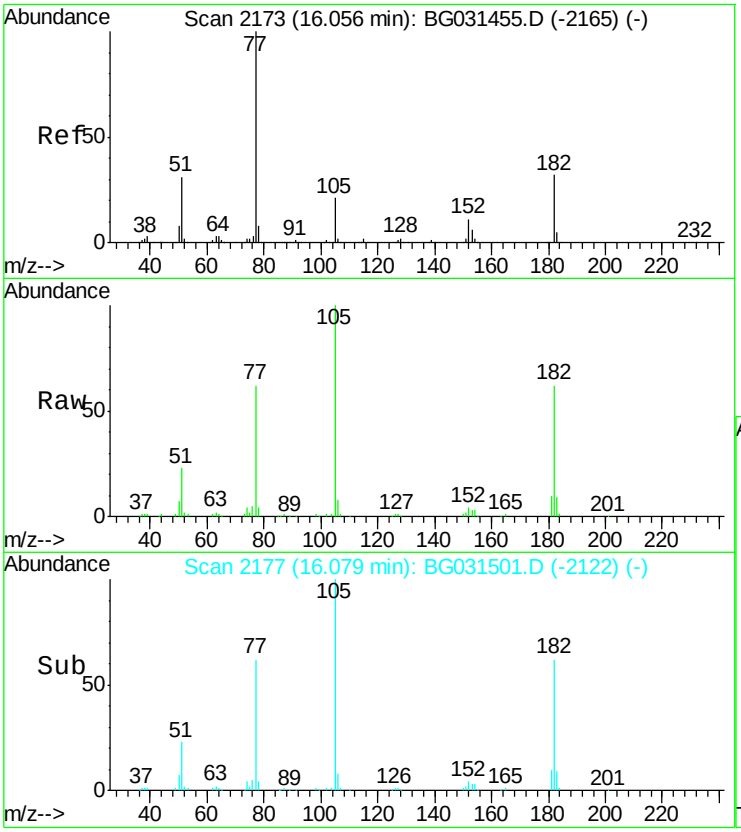


#44
2-Fluorobiphenyl
Concen: 109.305 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:172 Resp: 1287476

Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	23.9	19.5	29.3



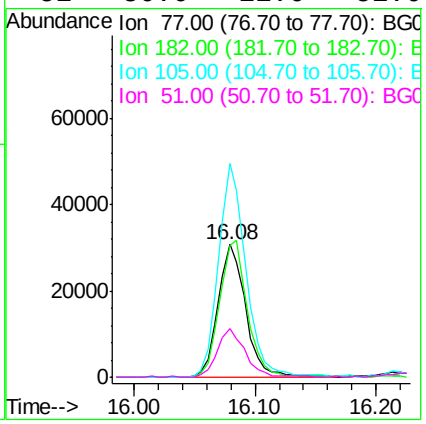


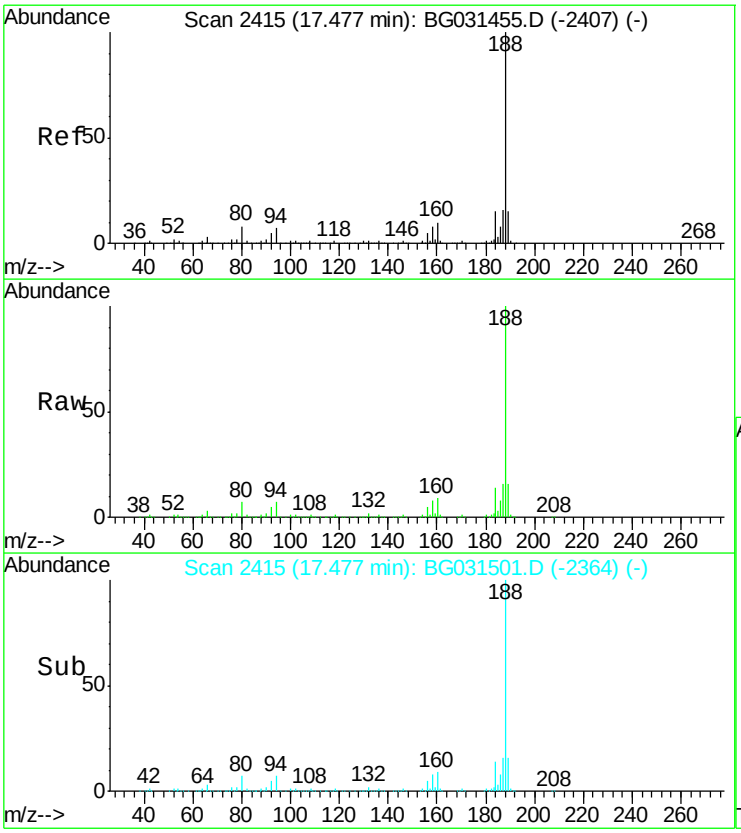
#62
Azobenzene
Concen: 4.088 ng
RT: 16.08 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion: 77 Resp: 48584

Ion	Ratio	Lower	Upper
77	100		
182	99.6	7.4	47.4#
105	160.7	0.3	40.3#
51	36.6	11.6	51.6

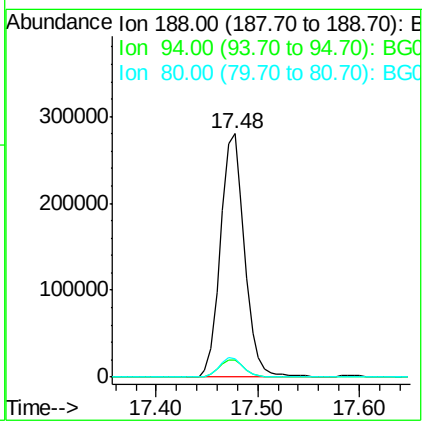


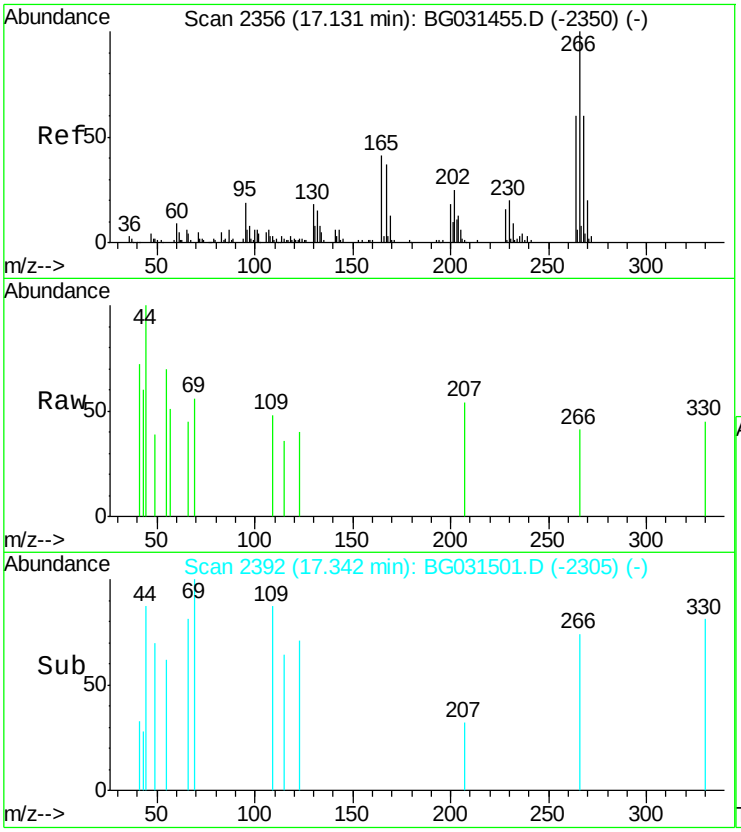


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:188 Resp: 462260

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#



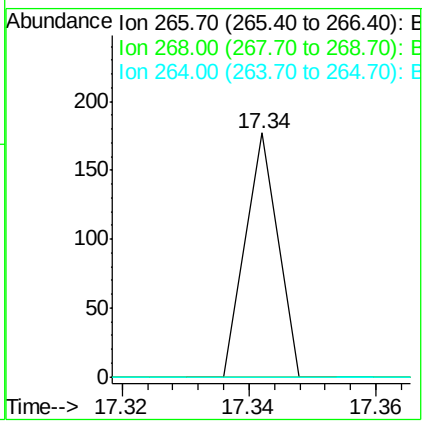


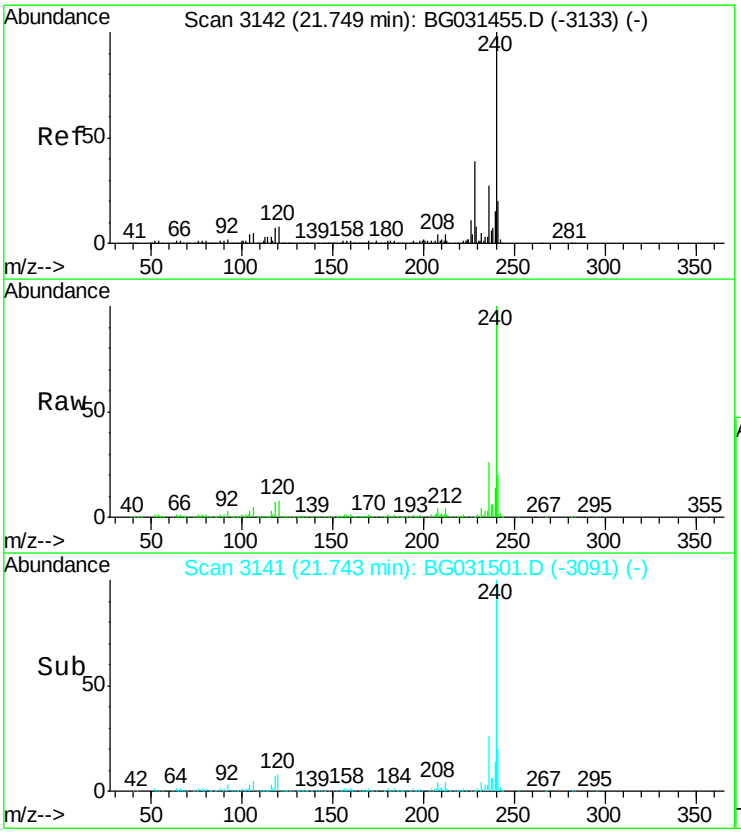
#69
Pentachlorophenol
Concen: 5.683 ng
RT: 17.34 min Scan# 2392
Delta R.T. 0.21 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion:266 Resp: 62

Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.1	76.7#
264	0.0	49.6	74.4#

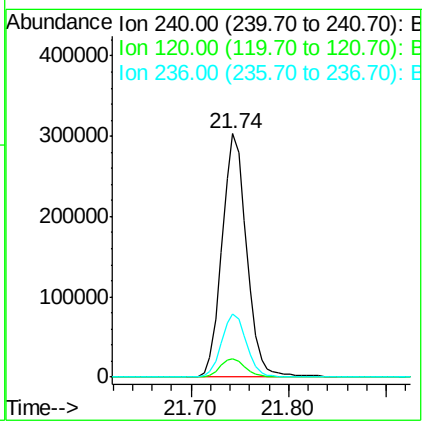


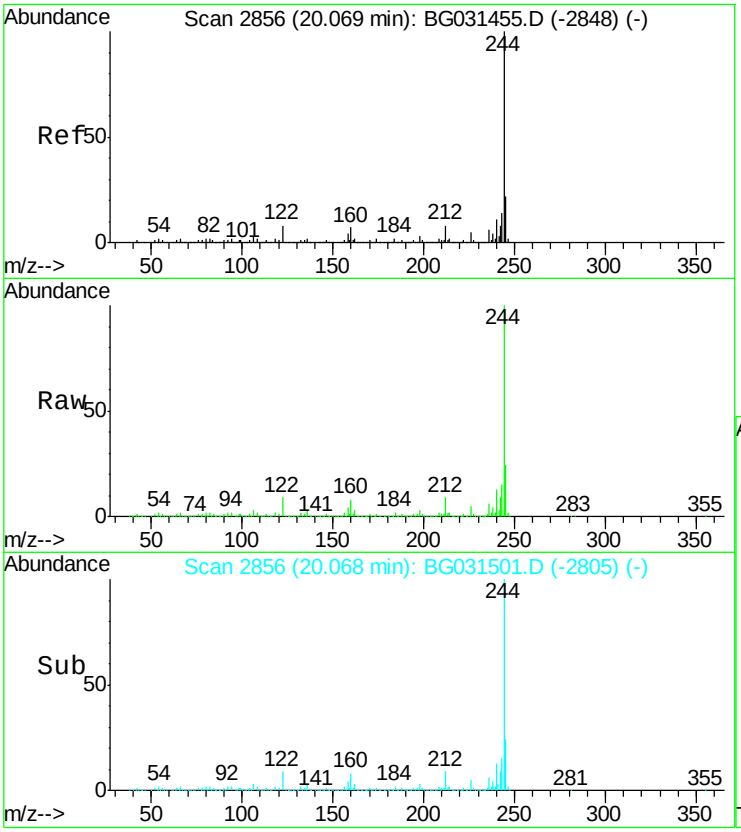


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:240 Resp: 530363

Ion	Ratio	Lower	Upper
240	100		
120	7.6	6.8	10.2
236	26.0	20.9	31.3



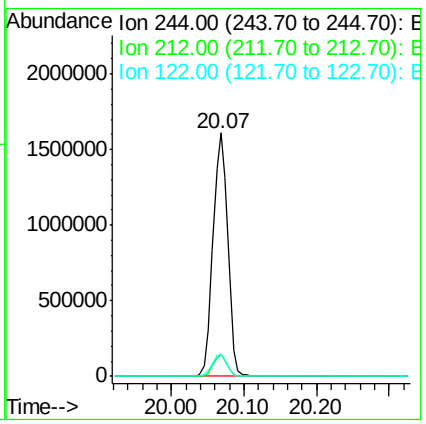


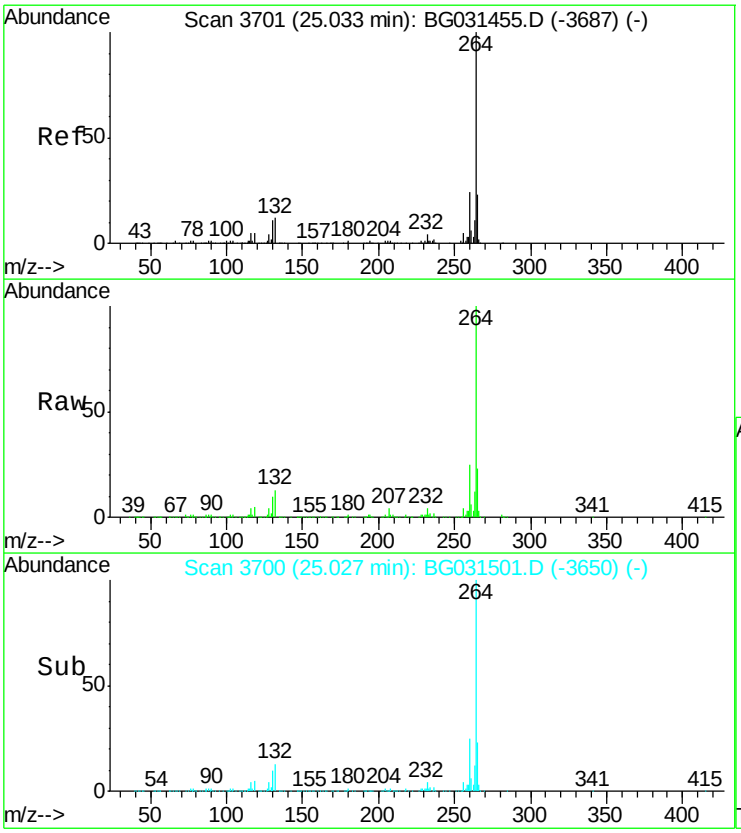
#78
Terphenyl-d14
Concen: 97.478 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Instrument :
BNA_G
ClientSampleId :
TW-4

Tgt Ion:244 Resp: 2272302

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	9.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031501.D
Acq: 12 Dec 2017 20:48

Tgt Ion:264 Resp: 511364

Ion	Ratio	Lower	Upper
264	100		
260	25.3	17.4	26.0
265	23.1	17.7	26.5