Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
Data File : BG031507.D
Acq On : 13 Dec 2017 1:11
Operator : SJ/JU
Sample : I6766-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WQ-5W

Quant Time: Dec 13 05:57:55 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	143119	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	623483	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	423863	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	1050566	20.00	ng	0.00
75) Chrysene-d12	21.74	240	1187007	20.00	ng	0.00
86) Perylene-d12	25.03	264	1191916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	167247	20.71	ng	0.00
7) Phenol-d6	7.28	99	131874	11.76	ng	0.01
23) Nitrobenzene-d5	9.28	82	467746	46.24	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	257116	51.78	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1360085	47.10	ng	0.00
78) Terphenyl-d14	20.07	244	2130544	40.84	ng	0.00
Target Compounds						Qvalue
55) 4-Nitrophenol	15.03	139	59	3.553	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.10	198	60	4.917	ng	# 27

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

Quantitation Report (Not Reviewed)

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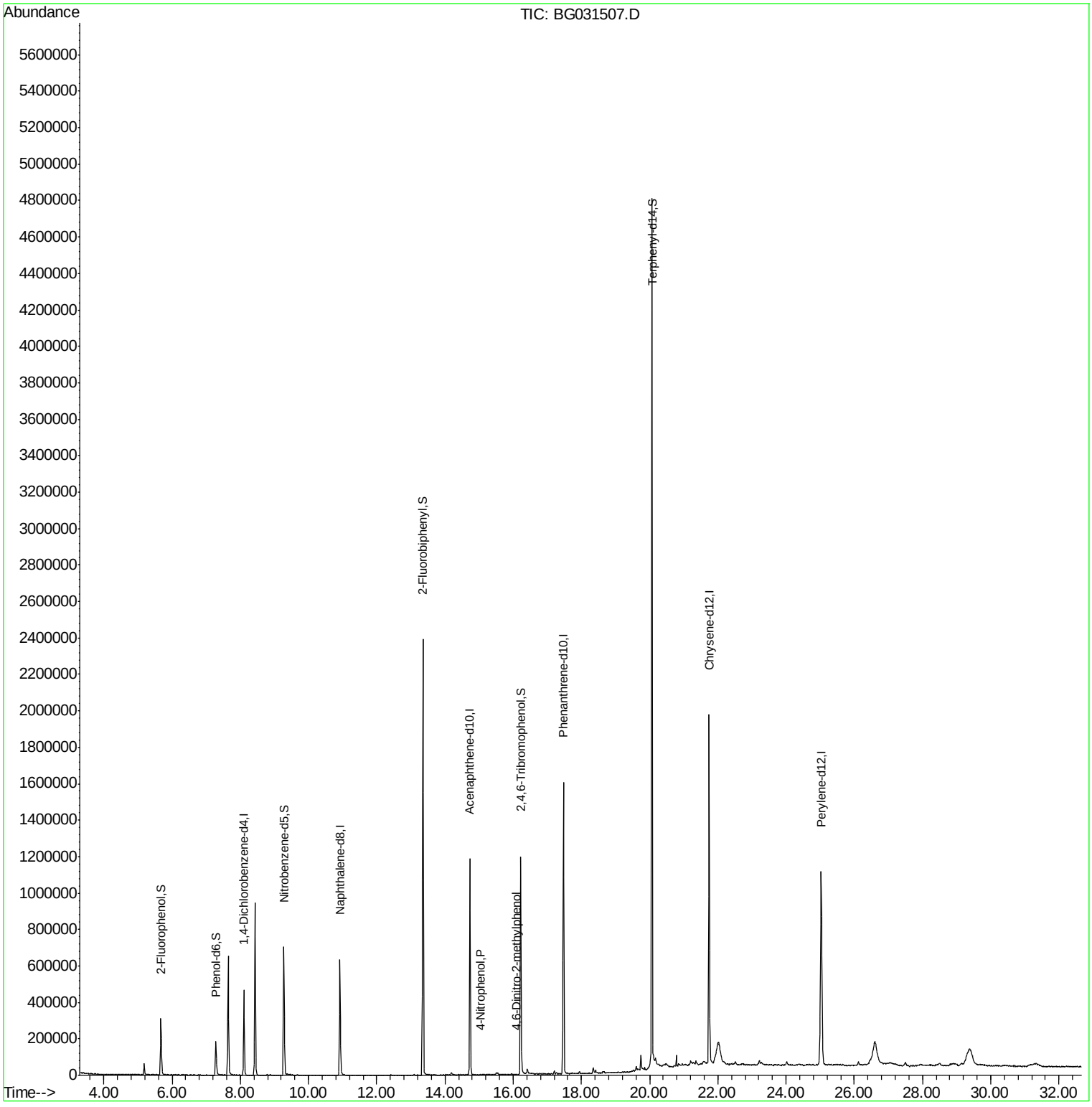
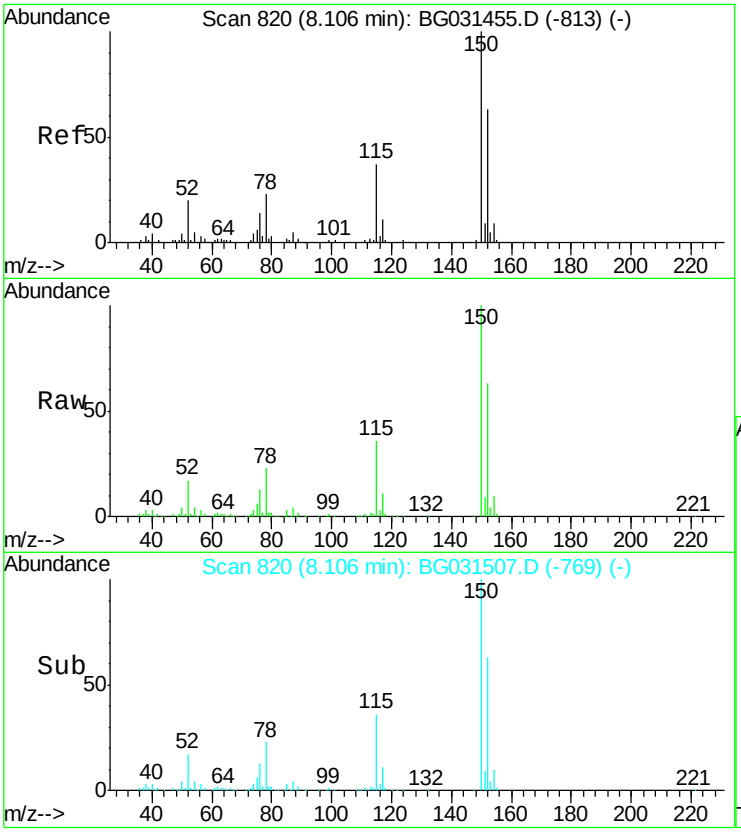


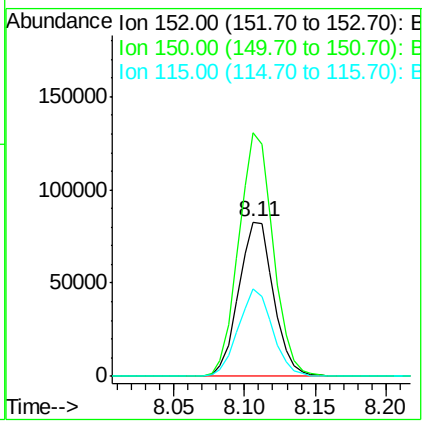


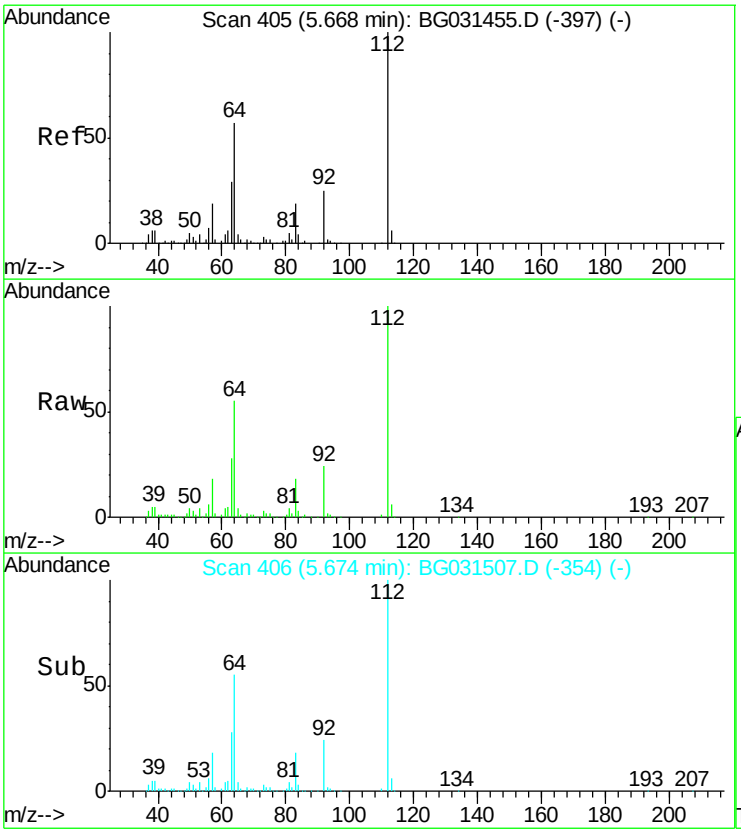
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion:152 Resp: 143119

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	56.5	53.0	79.4

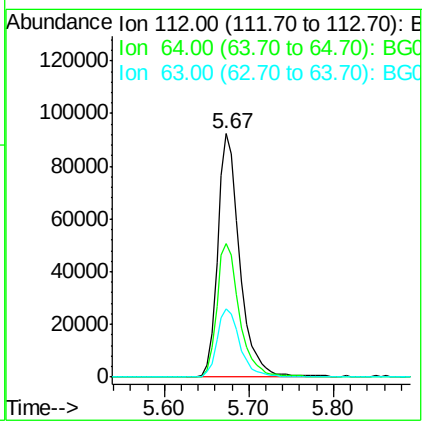


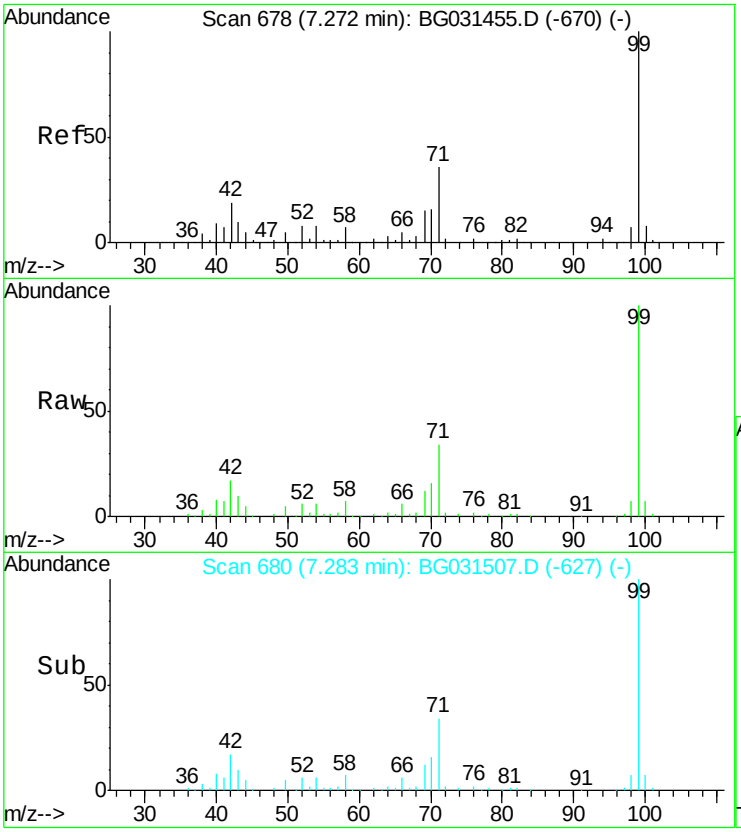


#5
2-Fluorophenol
Concen: 20.713 ng
RT: 5.67 min Scan# 406
Delta R.T. 0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:112 Resp: 167247

Ion	Ratio	Lower	Upper
112	100		
64	54.7	56.3	84.5#
63	27.8	30.1	45.1#



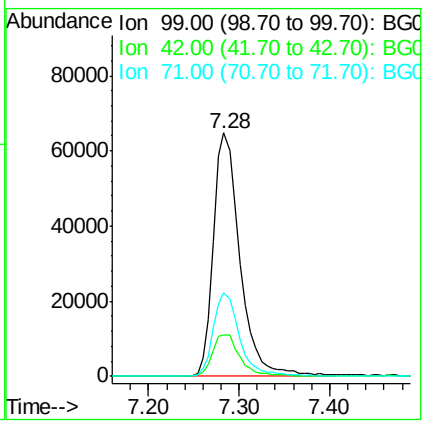


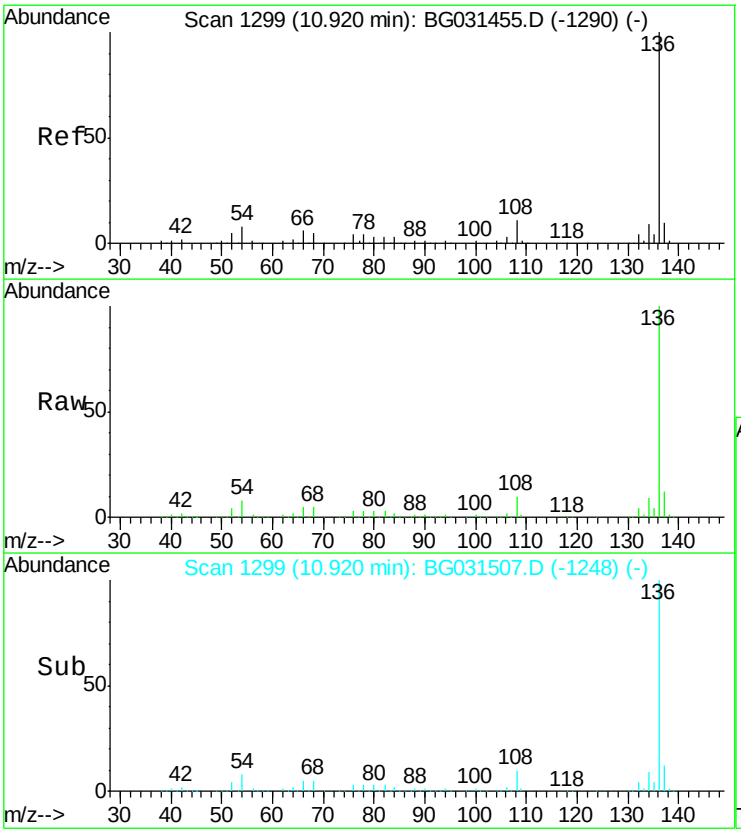
#7
Phenol-d6
Concen: 11.765 ng
RT: 7.28 min Scan# 680
Delta R.T. 0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion: 99 Resp: 131874

Ion	Ratio	Lower	Upper
99	100		
42	17.0	14.1	21.1
71	34.2	26.1	39.1

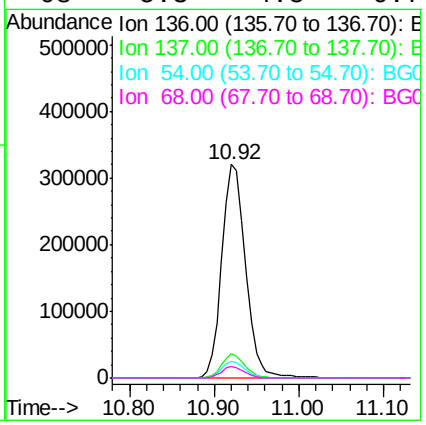


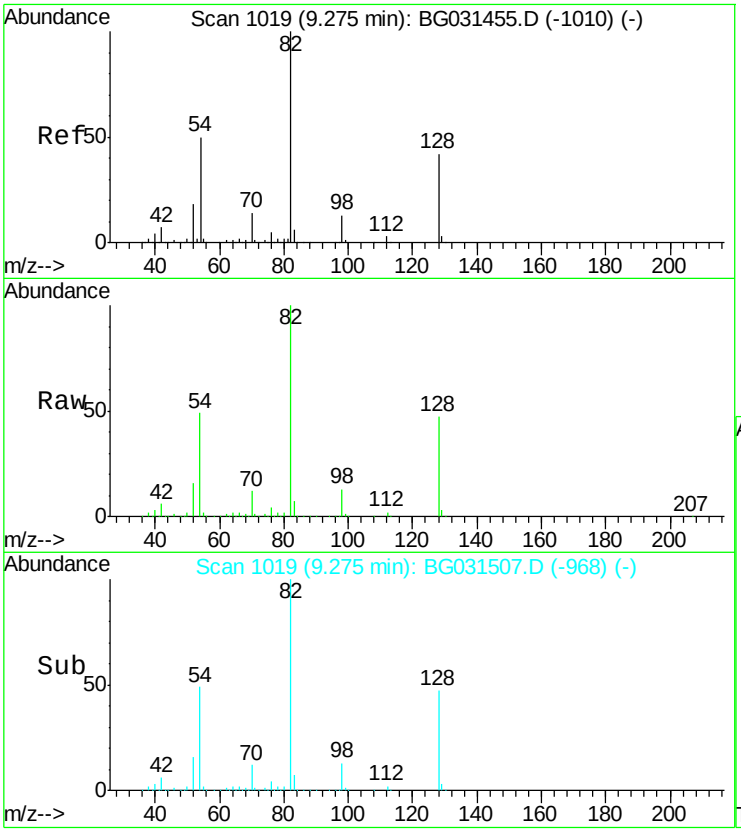


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:136 Resp: 623483

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.7	10.3	15.5#
68	5.3	4.5	6.7



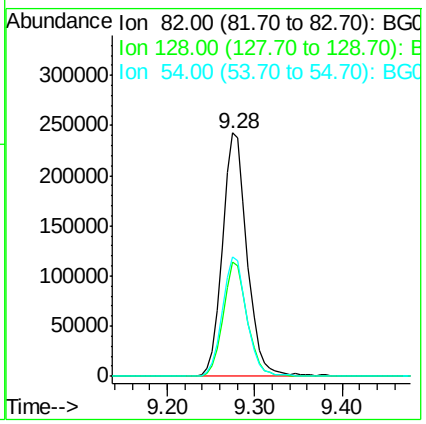


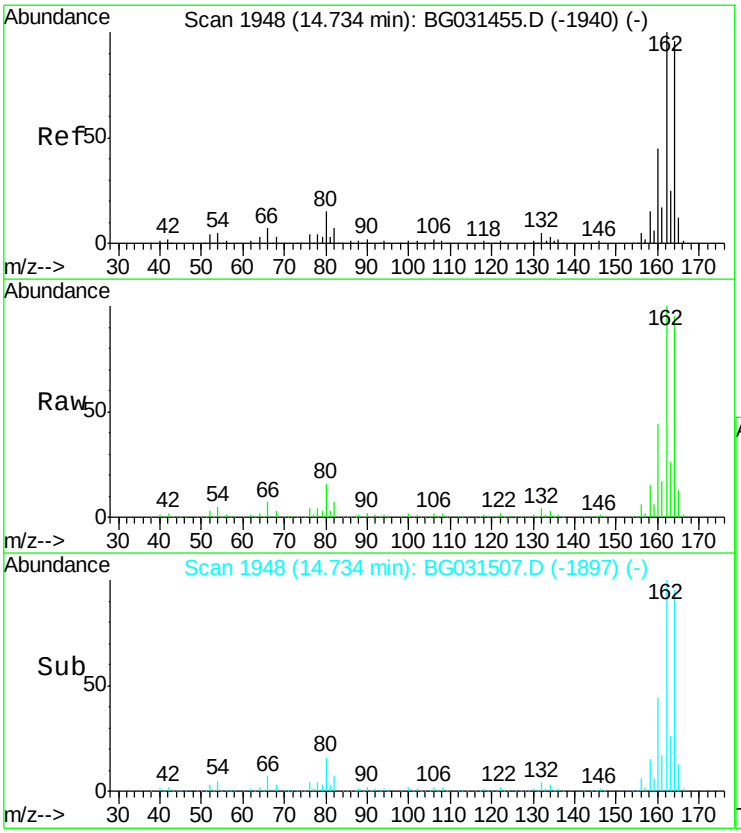
#23
Nitrobenzene-d5
Concen: 46.241 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion: 82 Resp: 467746

Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	49.2	43.1	64.7

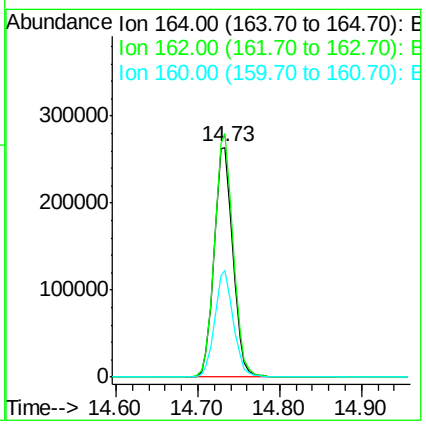


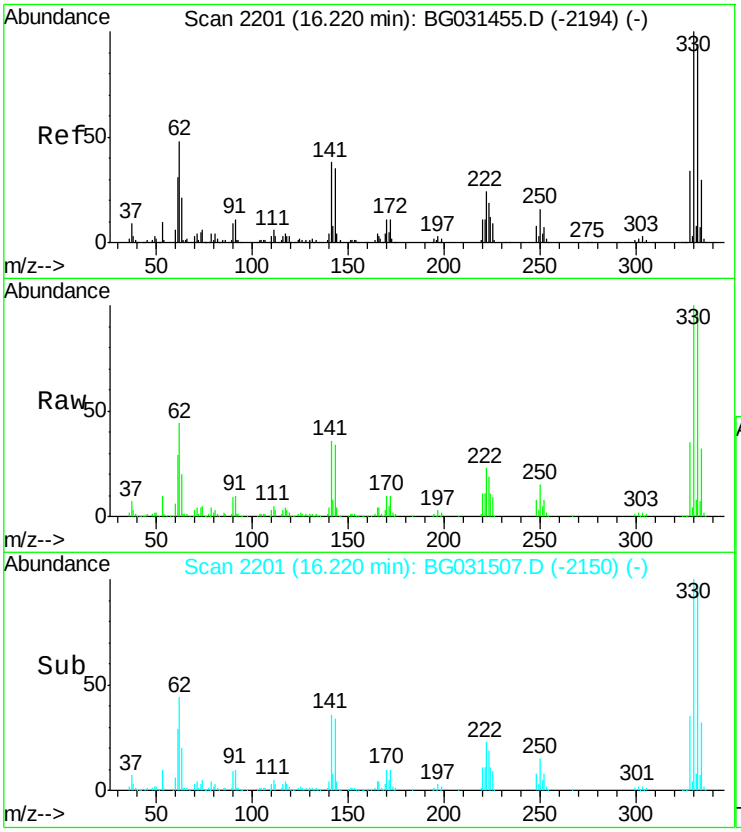


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:164 Resp: 423863

Ion	Ratio	Lower	Upper
164	100		
162	105.8	78.8	118.2
160	46.4	35.4	53.0



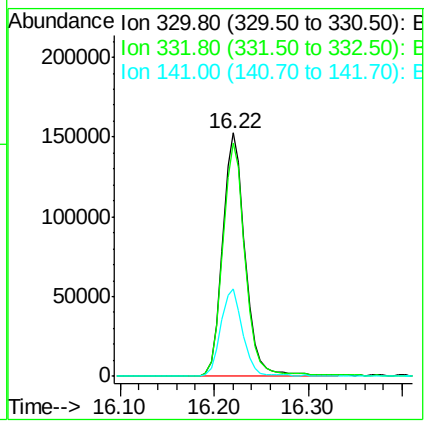


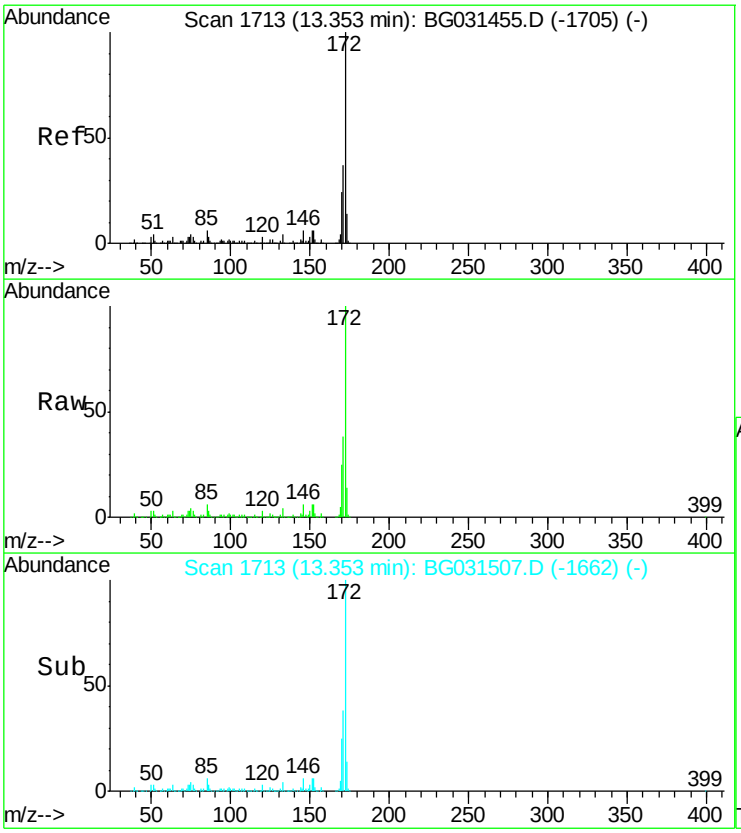
#41
2,4,6-Tribromophenol
Concen: 51.778 ng
RT: 16.22 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion:330 Resp: 257116

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.1	25.2	37.8

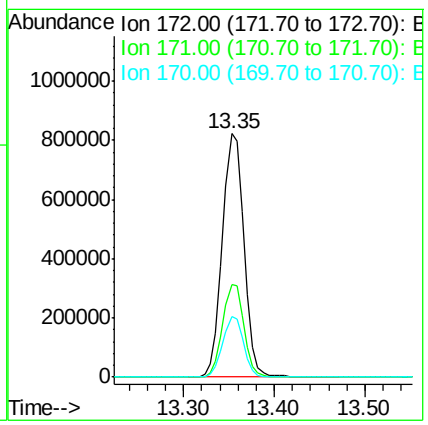


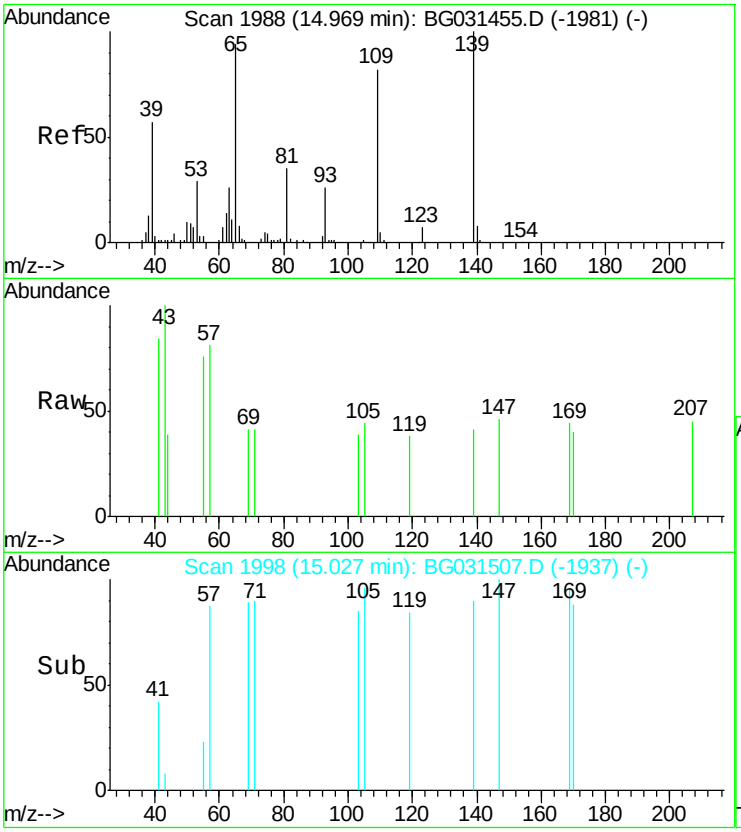


#44
2-Fluorobiphenyl
Concen: 47.101 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:172 Resp: 1360085

Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.6	19.5	29.3



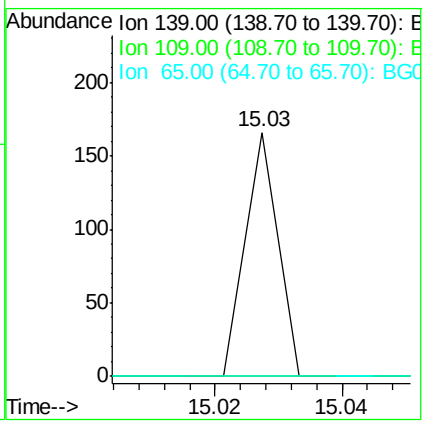


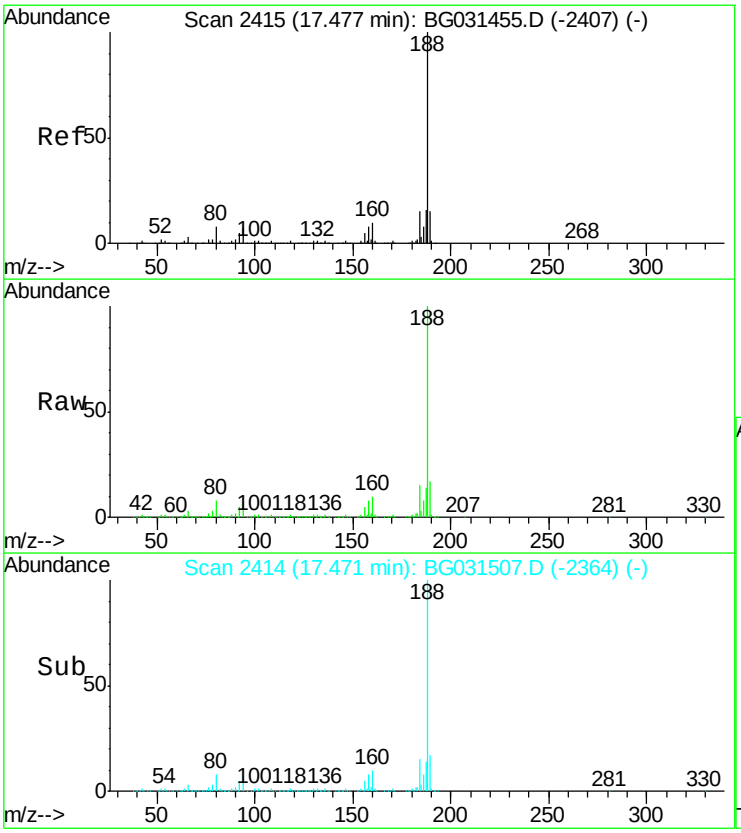
#55
4-Nitrophenol
Concen: 3.553 ng
RT: 15.03 min Scan# 1998
Delta R.T. 0.06 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion:139 Resp: 59

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

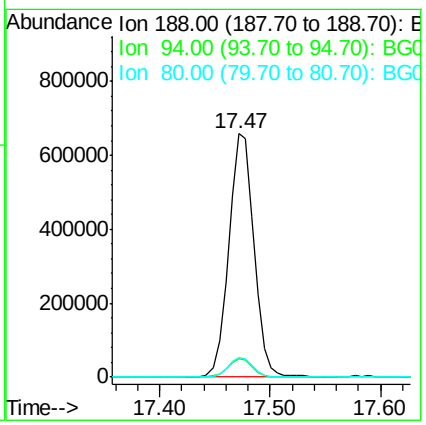


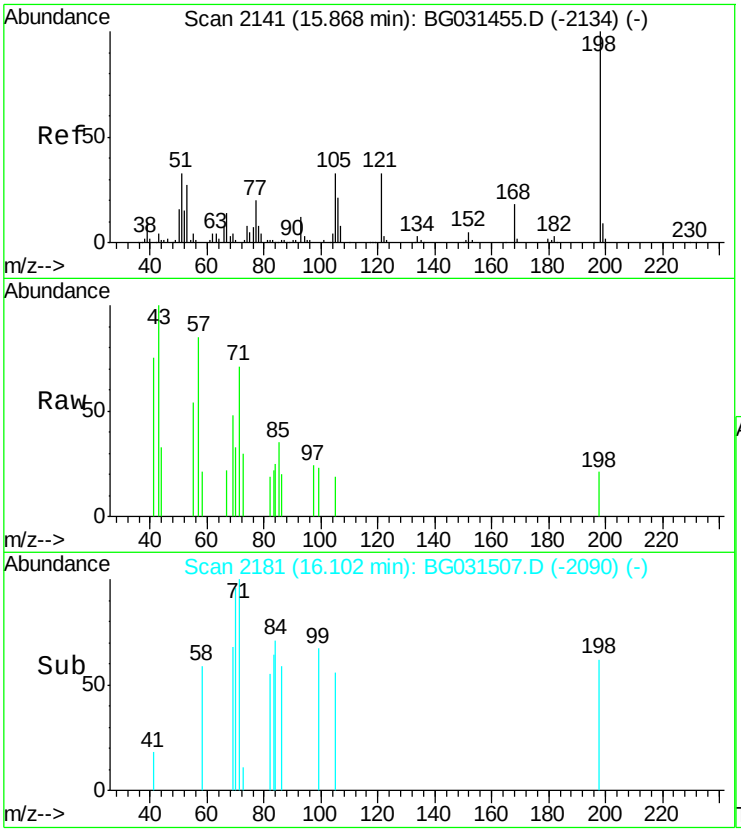


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:188 Resp: 1050566

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.9	10.3
80	8.1	7.7	11.5



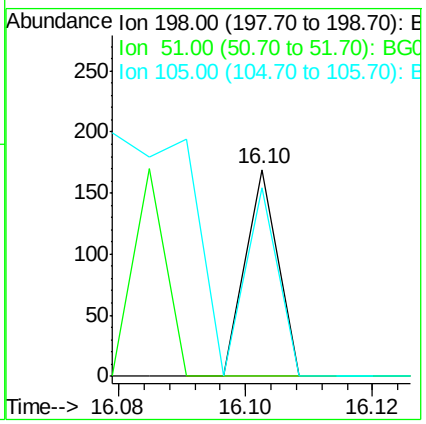


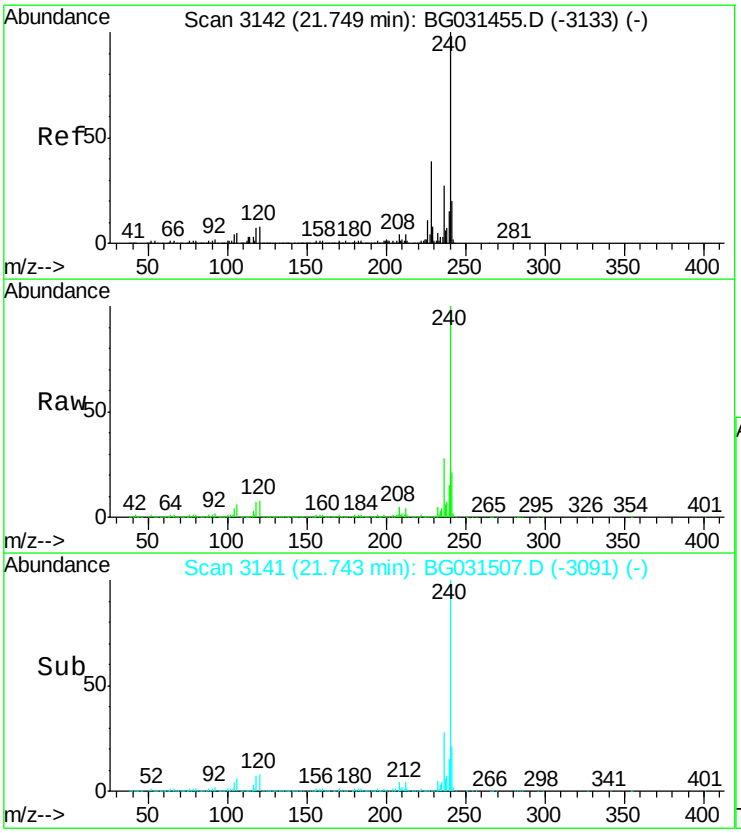
#64
4,6-Dinitro-2-methylphenol
Concen: 4.917 ng
RT: 16.10 min Scan# 2181
Delta R.T. 0.24 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion:198 Resp: 60

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	91.1	23.8	63.8#

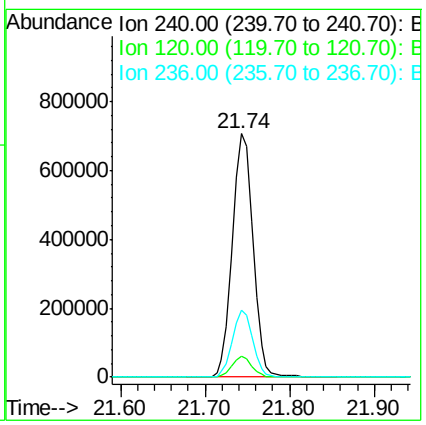


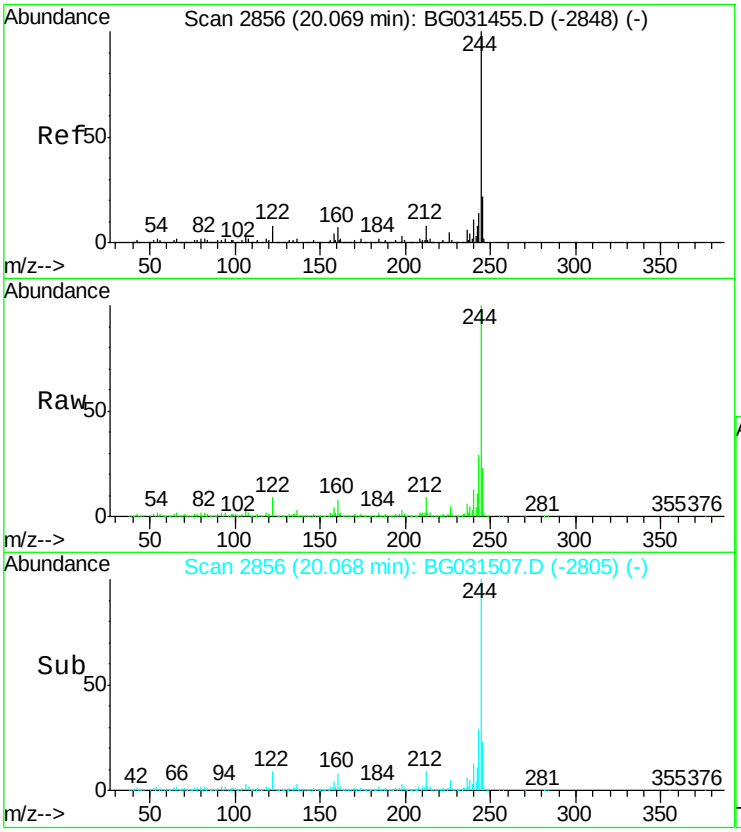


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:240 Resp: 1187007

Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	27.6	20.9	31.3



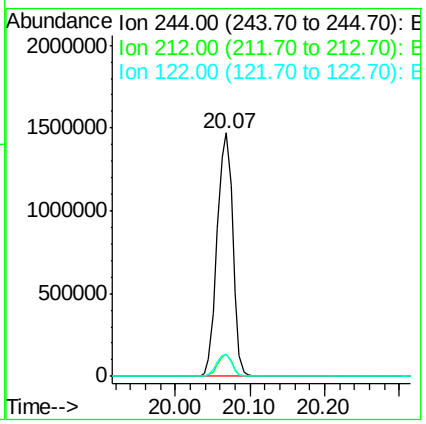


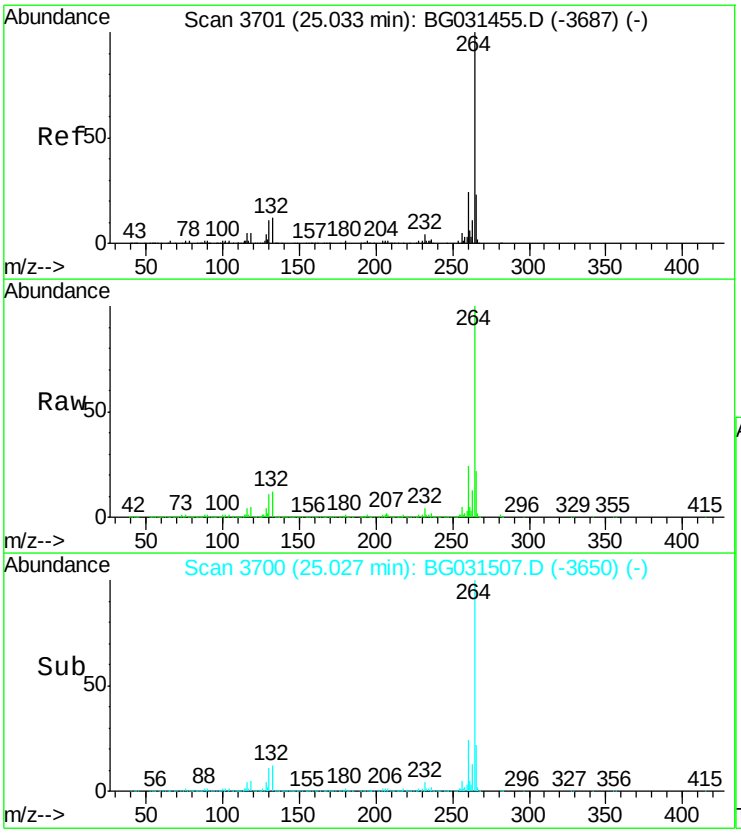
#78
Terphenyl-d14
Concen: 40.837 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031507.D
Acq: 13 Dec 2017 1:11

Instrument :
BNA_G
ClientSampleId :
WQ-5W

Tgt Ion:244 Resp: 2130544

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.0	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: BG031507.D
Acq: 13 Dec 2017 1:11

Tgt Ion:264 Resp: 1191916

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.3	17.7	26.5