Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031610.D
Acq On : 16 Dec 2017 4:58
Operator : SJ/JU
Sample : I6880-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 120817-TIDO-F-D-B

Quant Time: Dec 18 03:26:10 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	8.09	152	72009	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	308031	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	212239	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	568868	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	635094	20.00	ng	-0.01
86) Perylene-d12	25.02	264	546762	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	176261	43.39	ng	-0.01
7) Phenol-d6	7.27	99	139011	24.65	ng	0.00
23) Nitrobenzene-d5	9.27	82	449138	89.87	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	244210	98.22	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1321451	91.39	ng	0.00
78) Terphenyl-d14	20.06	244	2276250	81.54	ng	-0.01
Target Compounds						Qvalue
55) 4-Nitrophenol	15.16	139	690	3.797	ng	# 1
69) Pentachlorophenol	17.21	266	57	5.678	ng	# 19

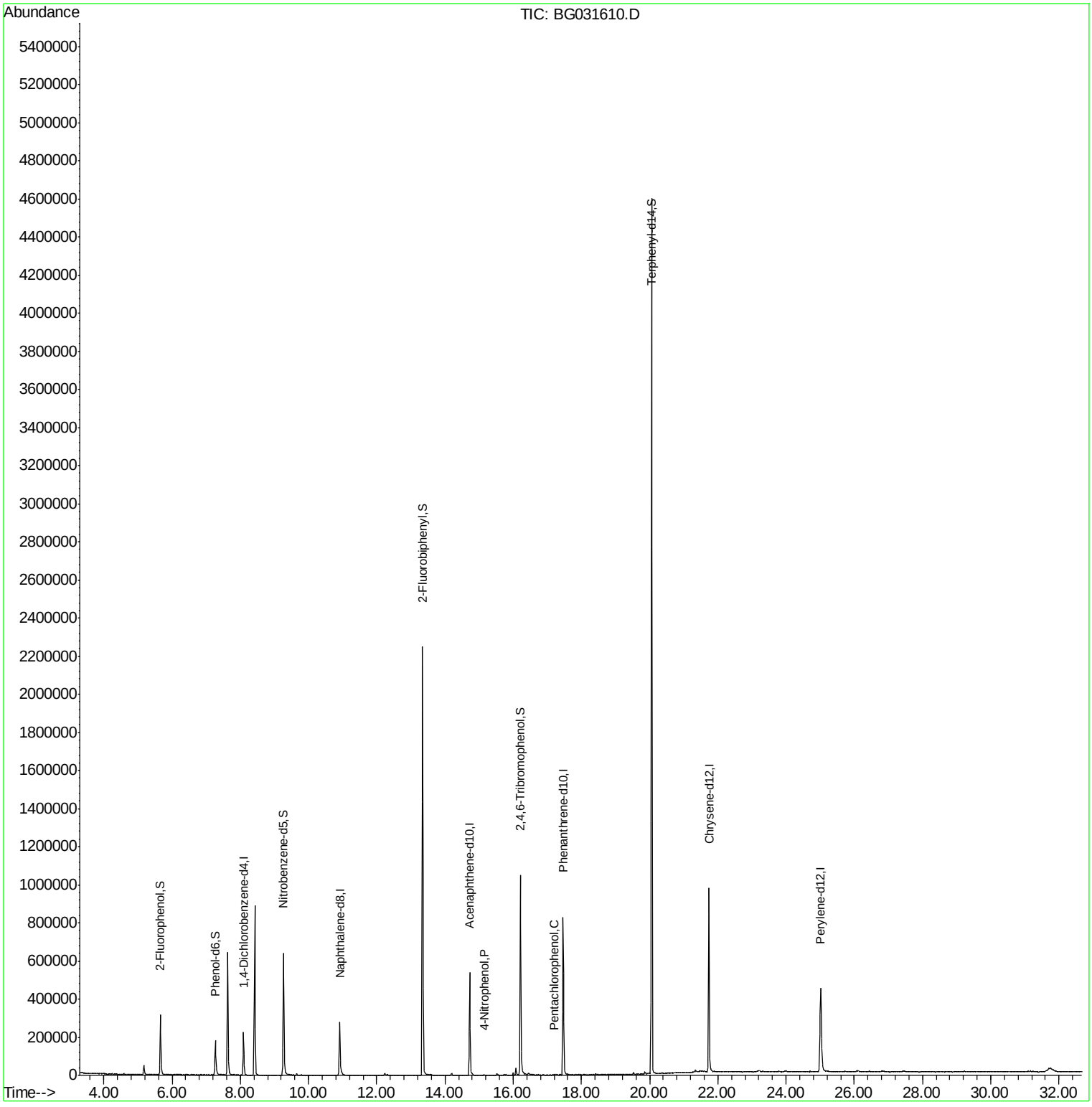
(#) = qualifier out of range (m) = manual integration (+) = signals summed

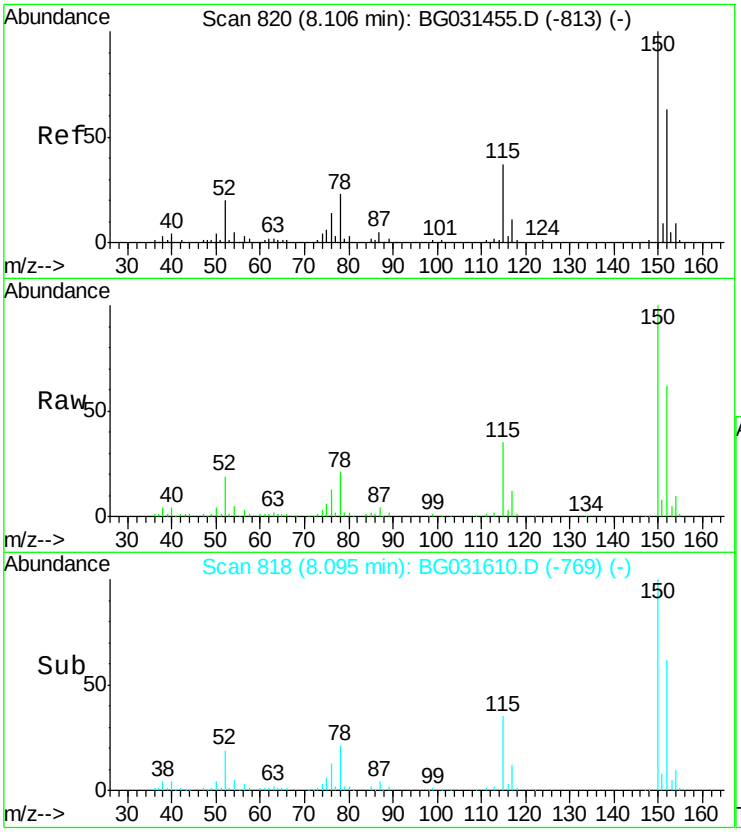
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
Data File : BG031610.D
Acq On : 16 Dec 2017 4:58
Operator : SJ/JU
Sample : I6880-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Quant Time: Dec 18 03:26:10 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



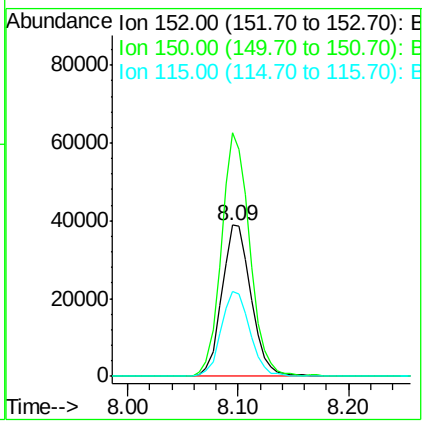


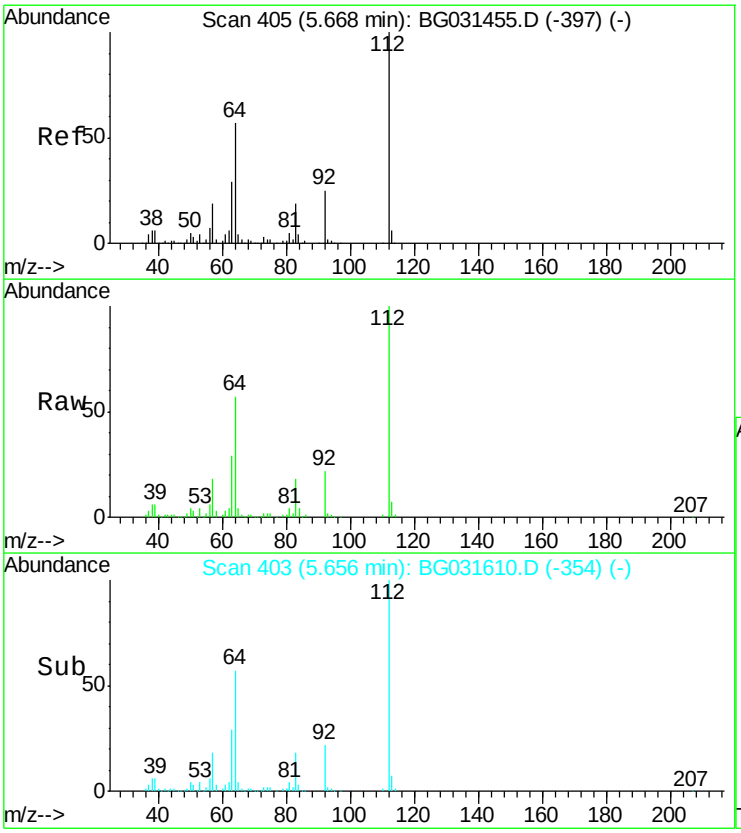
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion:152 Resp: 72009

Ion	Ratio	Lower	Upper
152	100		
150	161.2	126.6	189.8
115	56.5	53.0	79.4

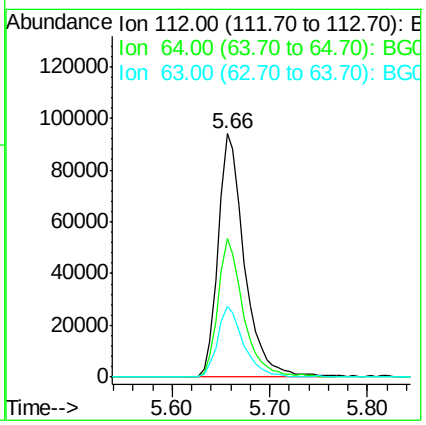


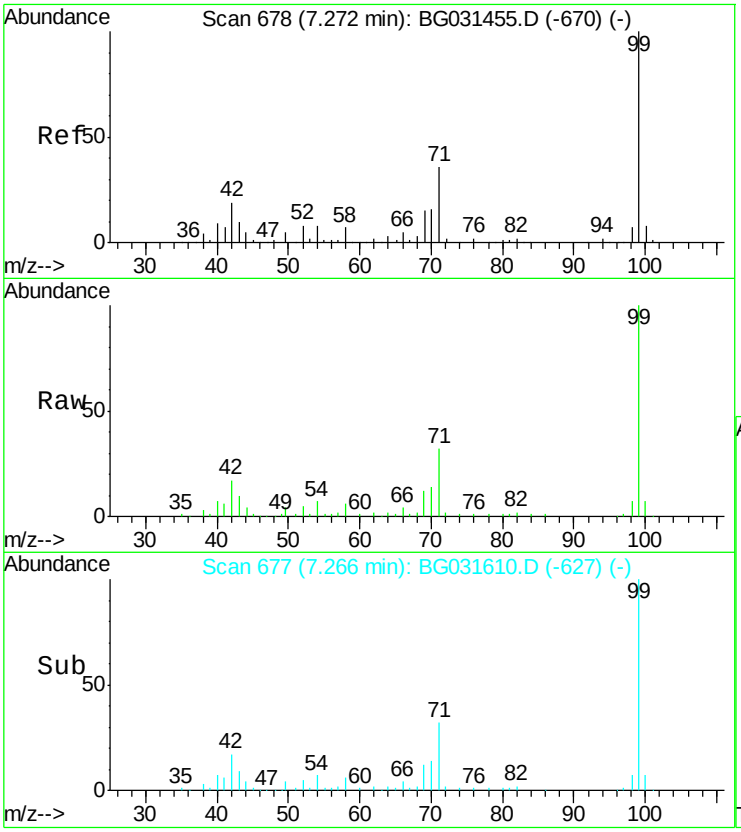


#5
2-Fluorophenol
Concen: 43.387 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:112 Resp: 176261

Ion	Ratio	Lower	Upper
112	100		
64	56.7	56.3	84.5
63	29.3	30.1	45.1#



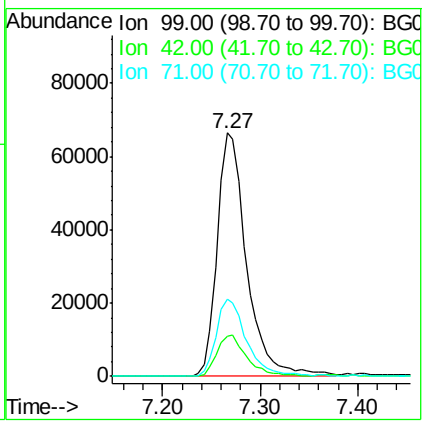


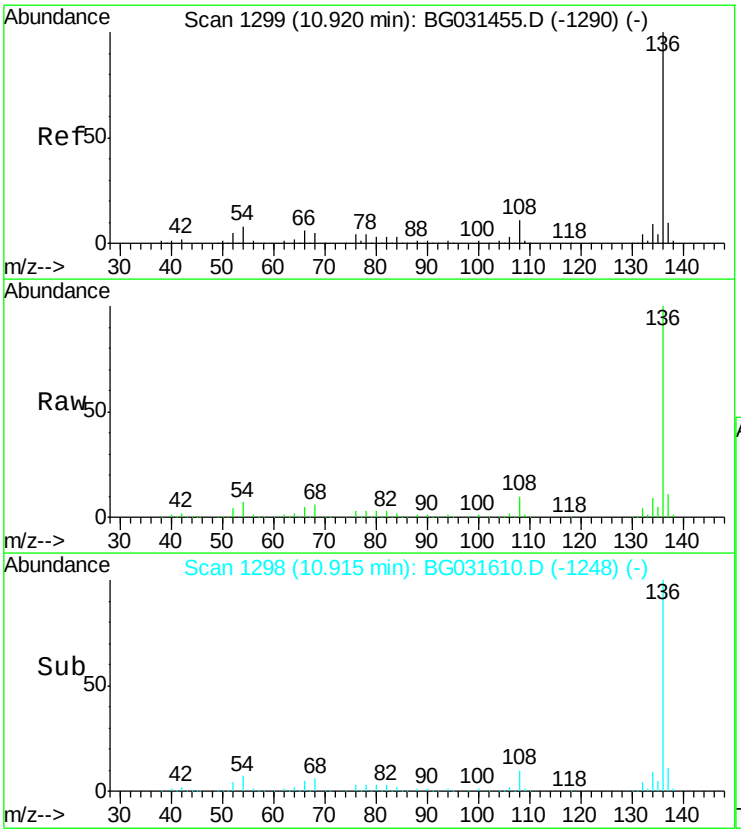
#7
Phenol-d6
Concen: 24.648 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion: 99 Resp: 139011

Ion	Ratio	Lower	Upper
99	100		
42	16.6	14.1	21.1
71	31.7	26.1	39.1

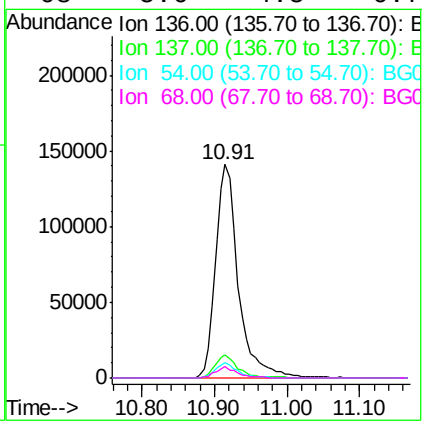


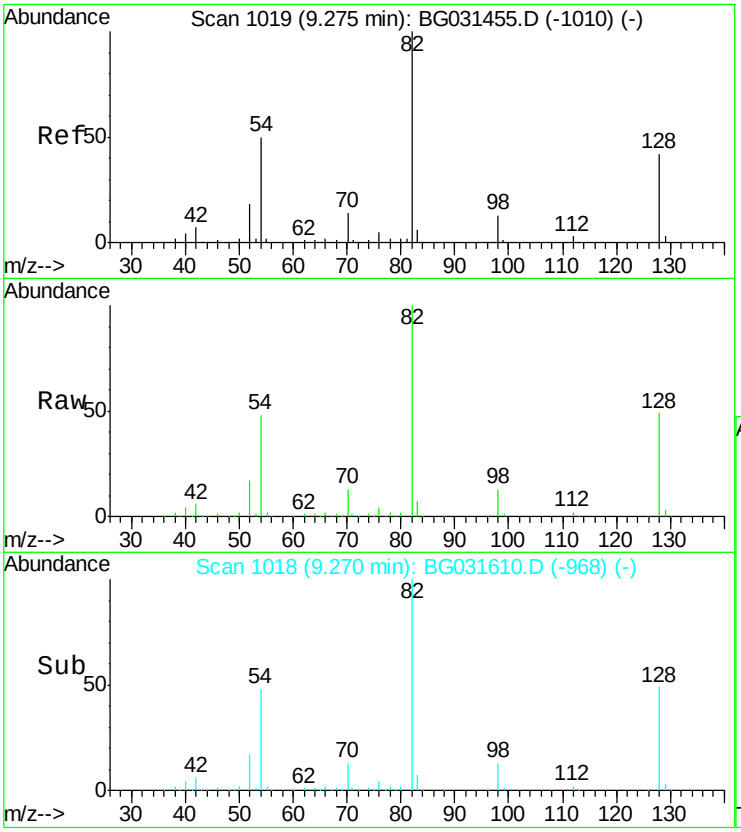


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:136 Resp: 308031

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.3	10.3	15.5#
68	5.6	4.5	6.7



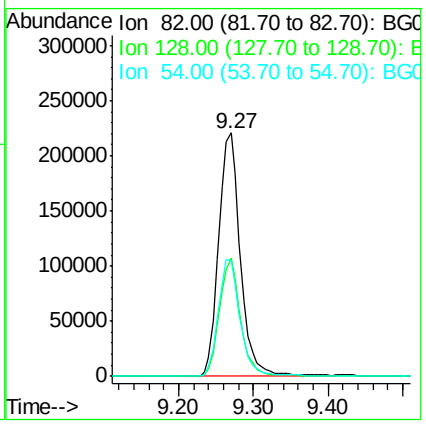


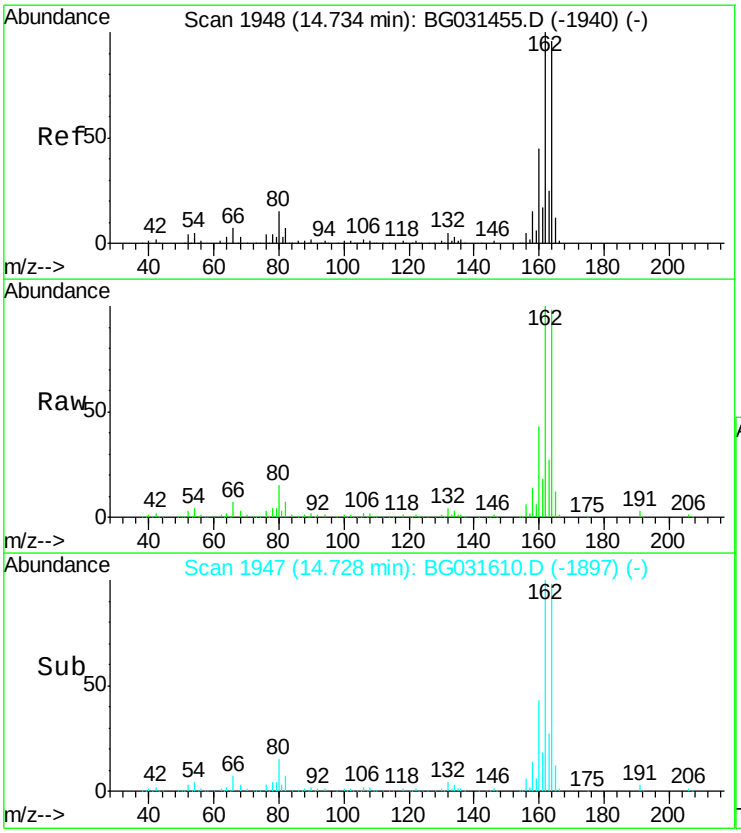
#23
Nitrobenzene-d5
Concen: 89.872 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion: 82 Resp: 449138

Ion	Ratio	Lower	Upper
82	100		
128	48.5	29.7	44.5#
54	47.7	43.1	64.7

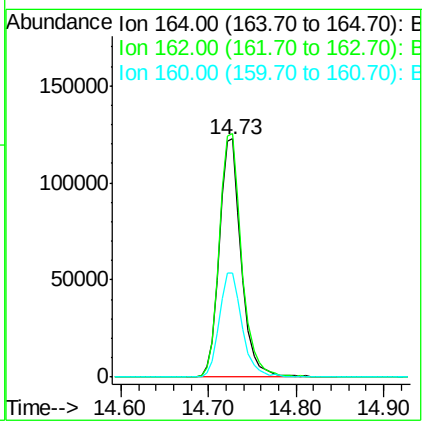


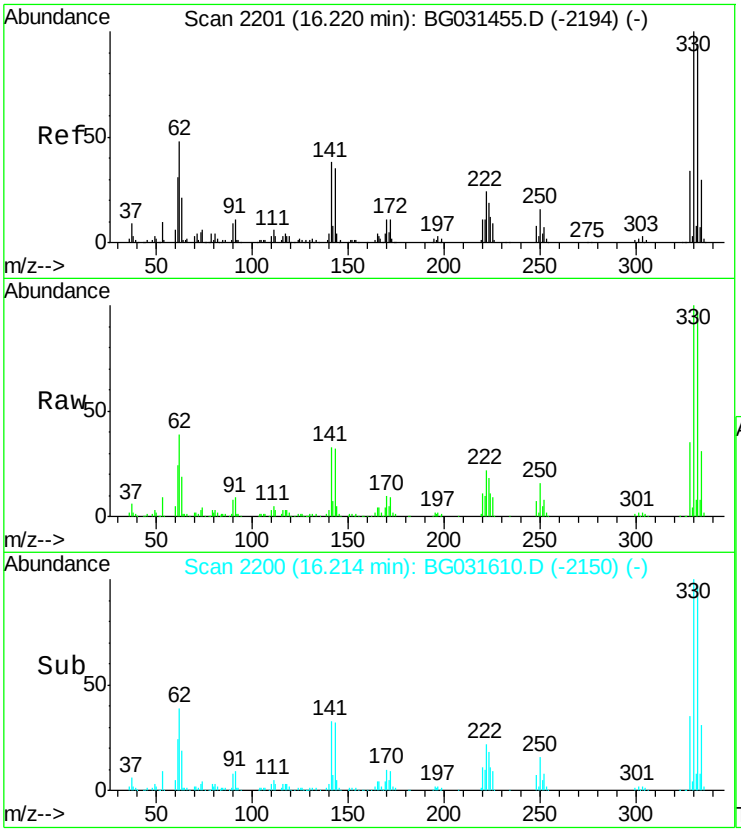


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:164 Resp: 212239

Ion	Ratio	Lower	Upper
164	100		
162	102.3	78.8	118.2
160	44.0	35.4	53.0



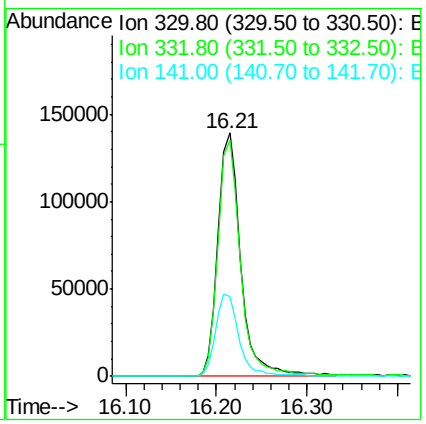


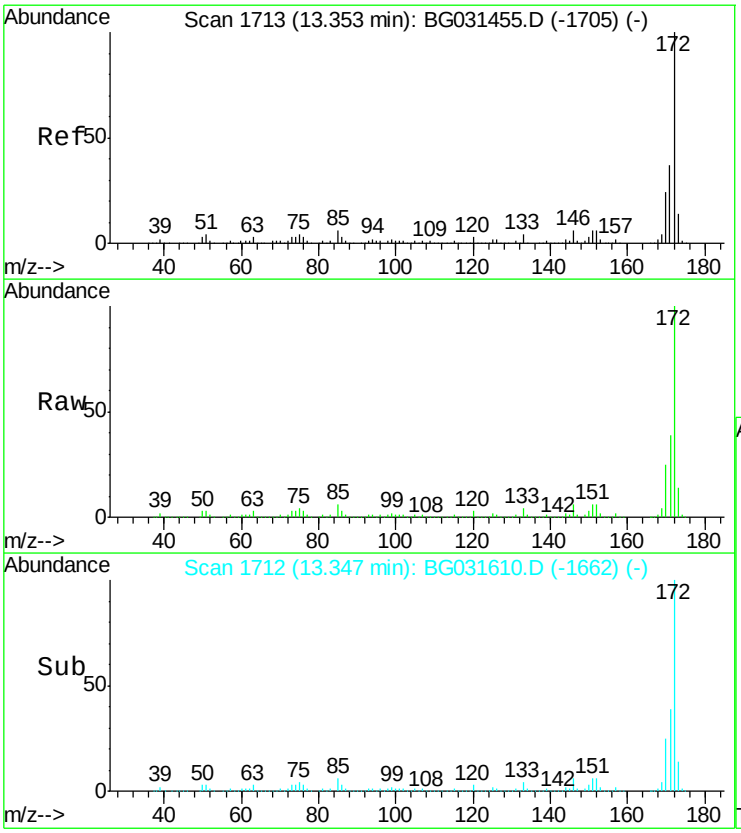
#41
2,4,6-Tribromophenol
Concen: 98.216 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion:330 Resp: 244210

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.5	25.2	37.8

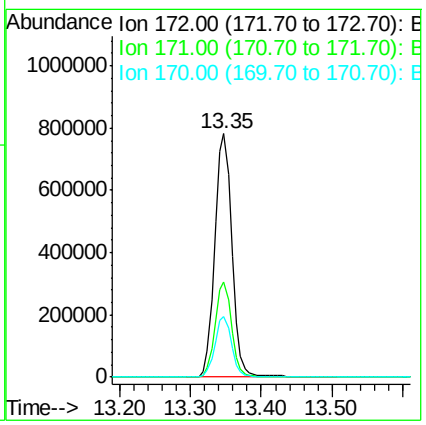


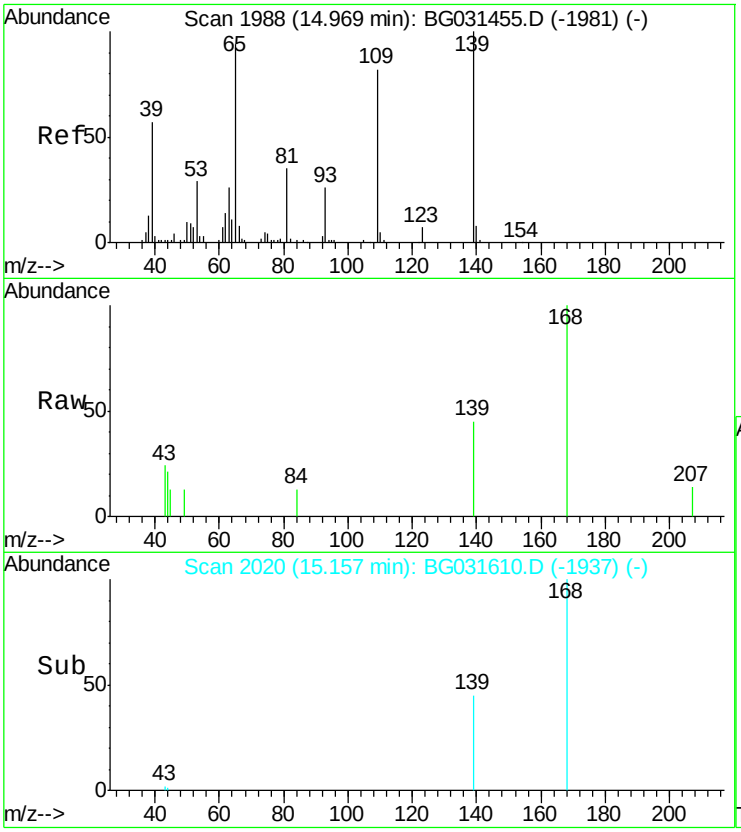


#44
2-Fluorobiphenyl
Concen: 91.393 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:172 Resp: 1321451

Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.0	45.0
170	24.8	19.5	29.3



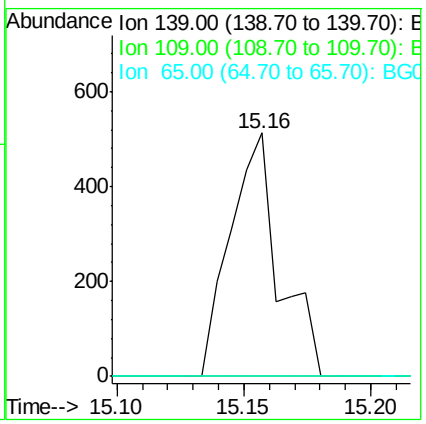


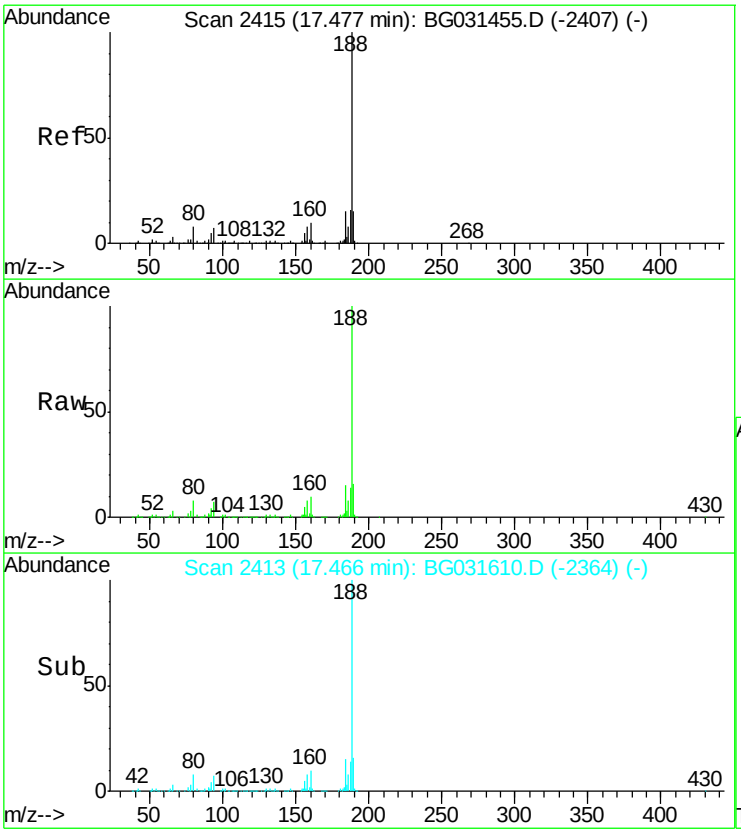
#55
4-Nitrophenol
Concen: 3.797 ng
RT: 15.16 min Scan# 2020
Delta R.T. 0.19 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion:139 Resp: 690

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

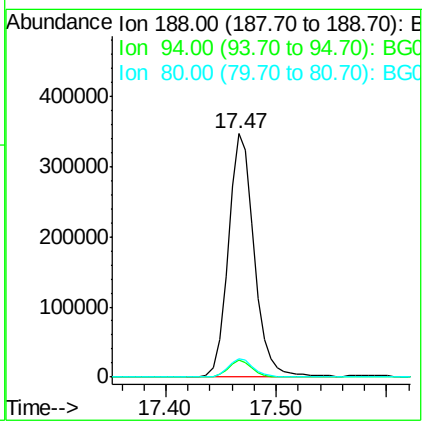


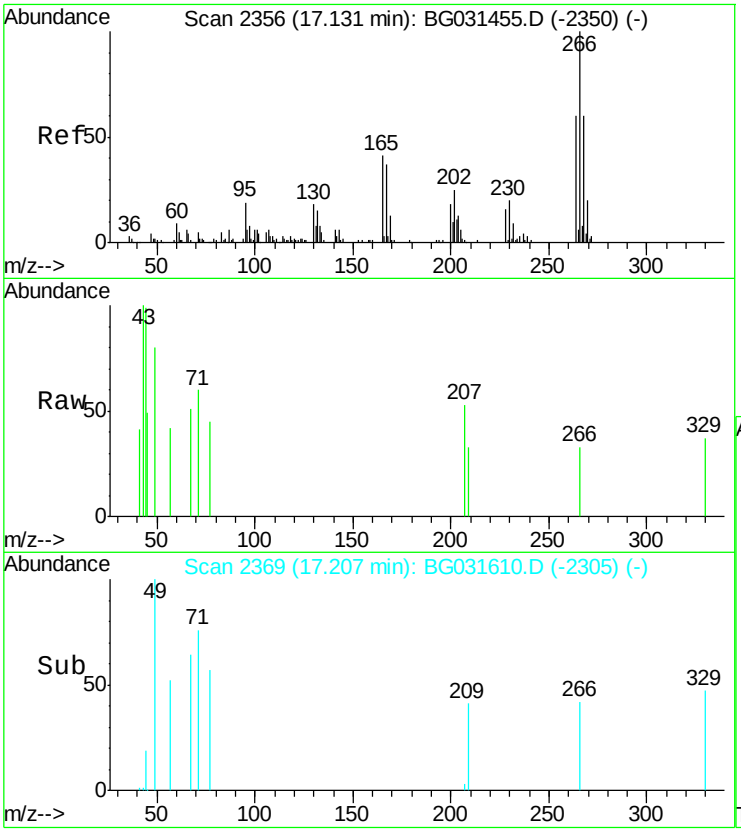


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:188 Resp: 568868

Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	7.6	7.7	11.5#



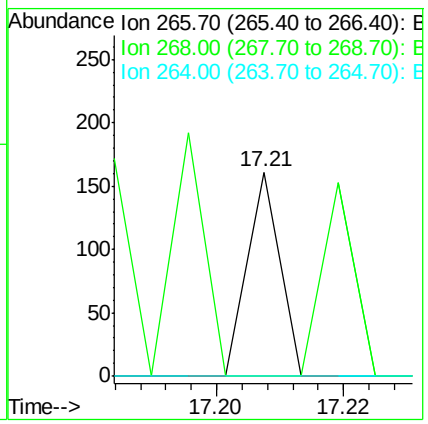


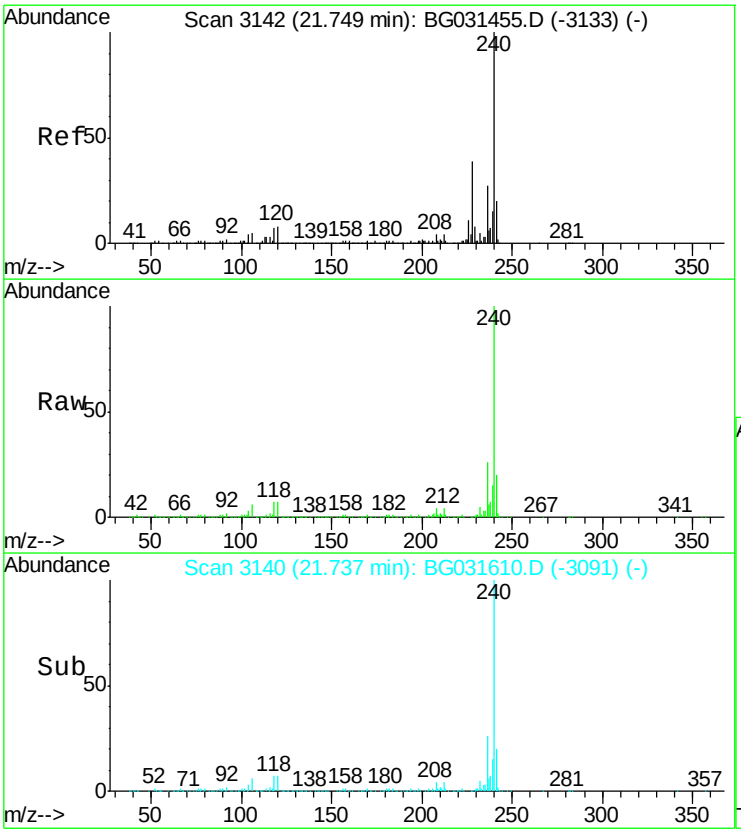
#69
Pentachlorophenol
Concen: 5.678 ng
RT: 17.21 min Scan# 2369
Delta R.T. 0.08 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion:266 Resp: 57

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

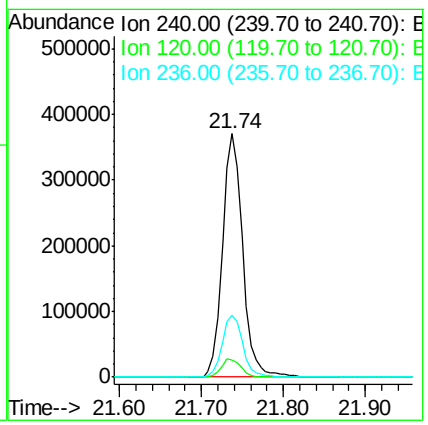


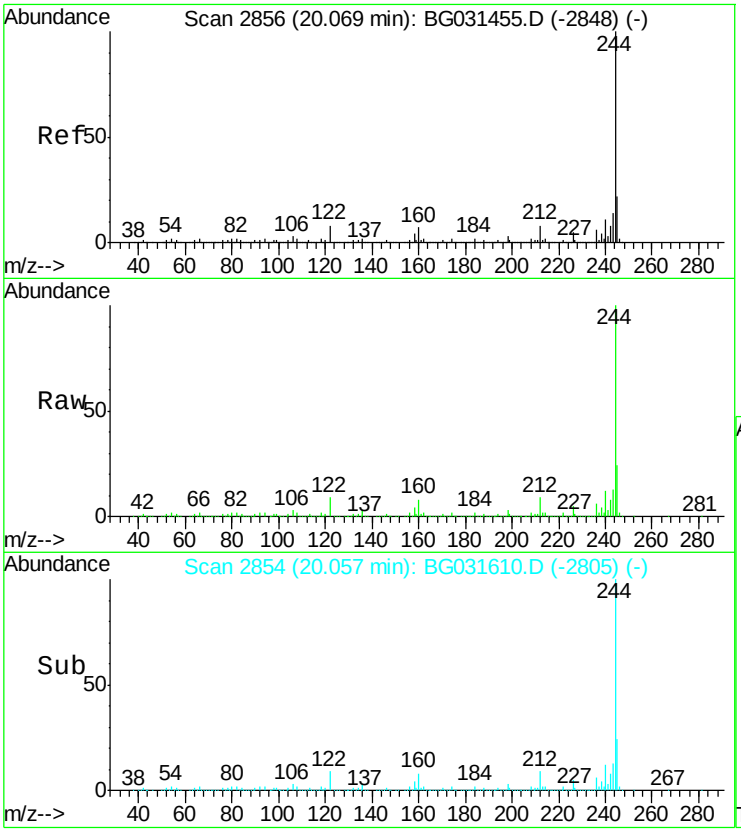


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:240 Resp: 635094

Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.8	10.2
236	25.6	20.9	31.3



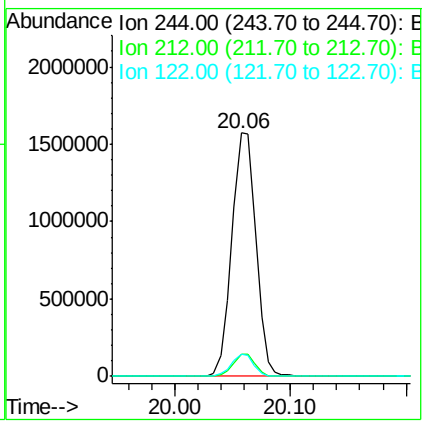


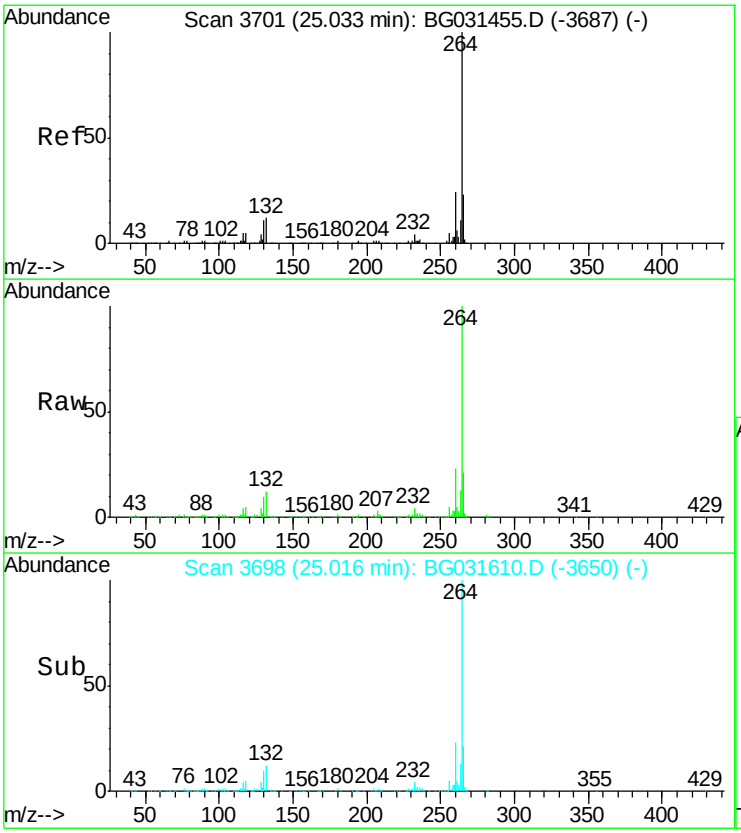
#78
Terphenyl-d14
Concen: 81.544 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Instrument :
BNA_G
ClientSampleId :
120817-TIDO-F-D-B

Tgt Ion:244 Resp: 2276250

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG031610.D
Acq: 16 Dec 2017 4:58

Tgt Ion:264 Resp: 546762

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.3	17.7	26.5