Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
Data File : BG032811.D
Acq On : 24 Feb 2018 5:01
Operator : SJ/JU
Sample : J1660-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-2342

Quant Time: Feb 24 06:02:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	71630	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	305507	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	162682	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	374202	20.00	ng	0.00
75) Chrysene-d12	22.63	240	384185	20.00	ng	0.00
86) Perylene-d12	26.44	264	407172	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	675298	150.83	ng	0.00
7) Phenol-d6	8.02	99	806240	129.19	ng	0.00
23) Nitrobenzene-d5	10.13	82	551285	120.53	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	305744	178.74	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1183593	104.93	ng	0.00
78) Terphenyl-d14	20.79	244	1827557	106.88	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.86	128	203244	12.73	ng	98
37) 2-Methylnaphthalene	13.41	142	23484	2.03	ng	94

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

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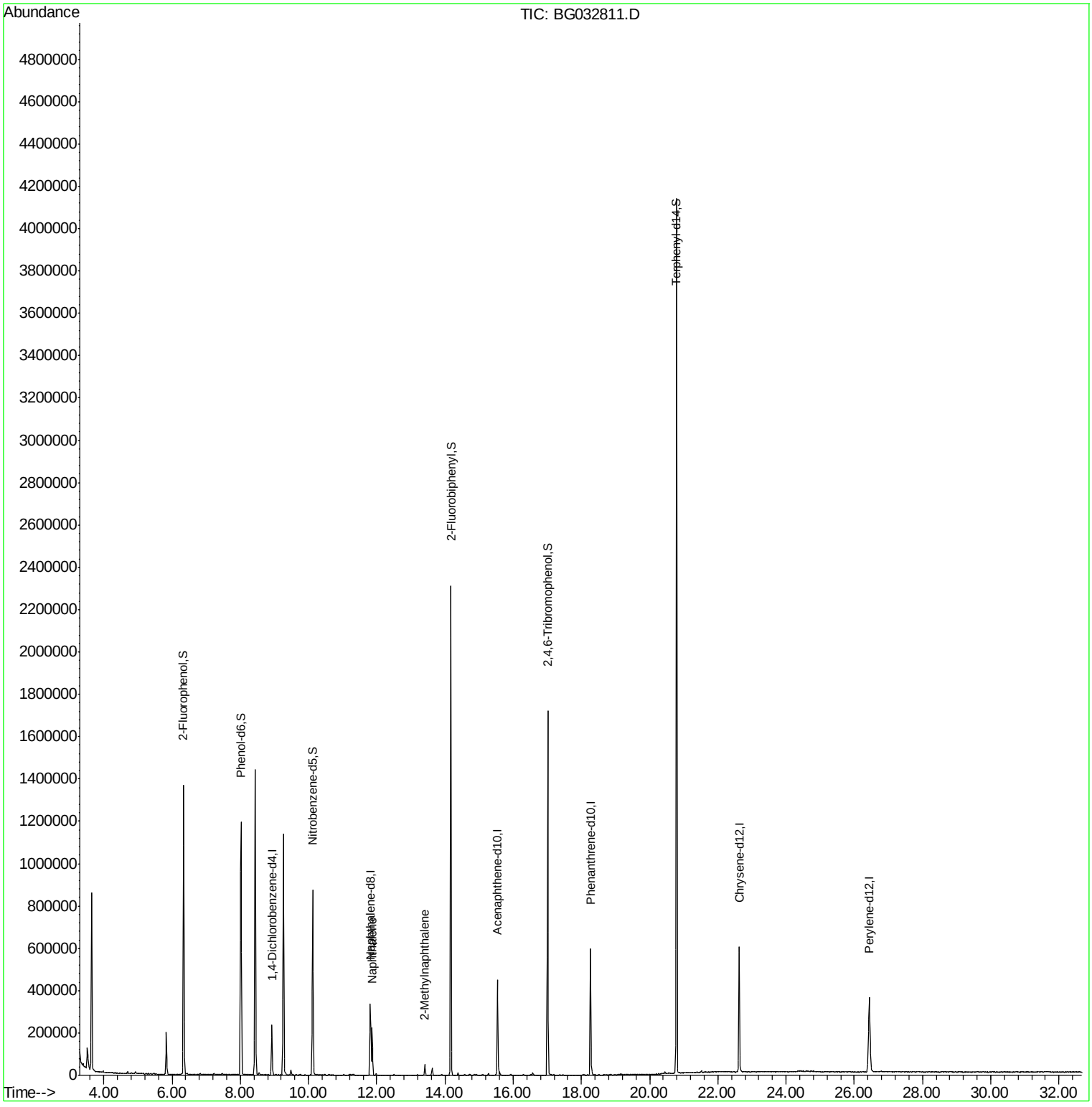
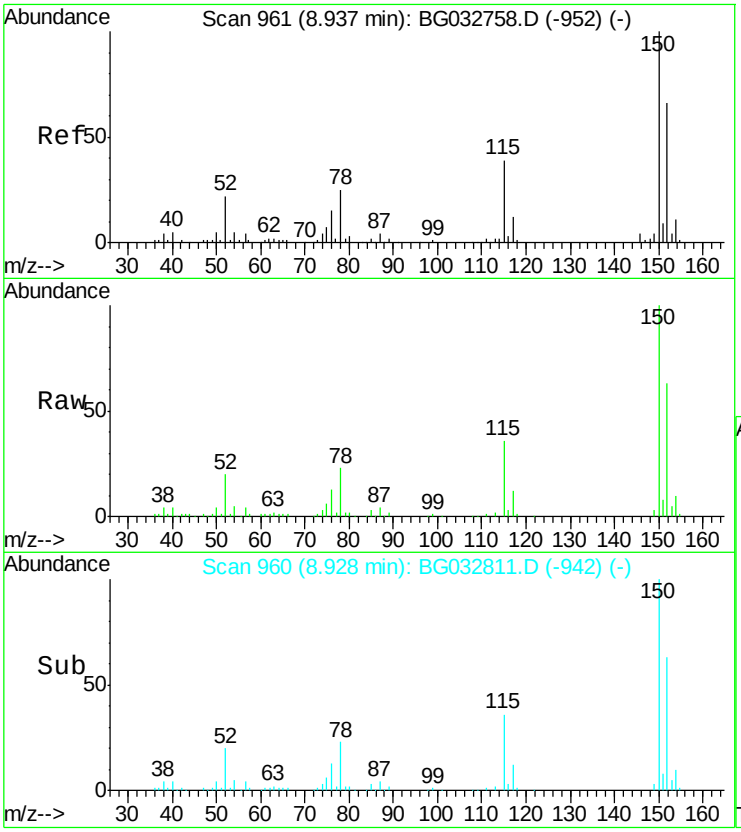


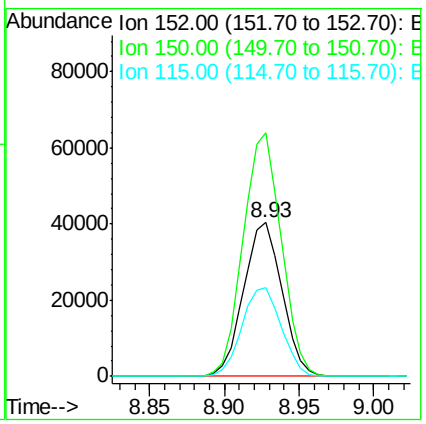


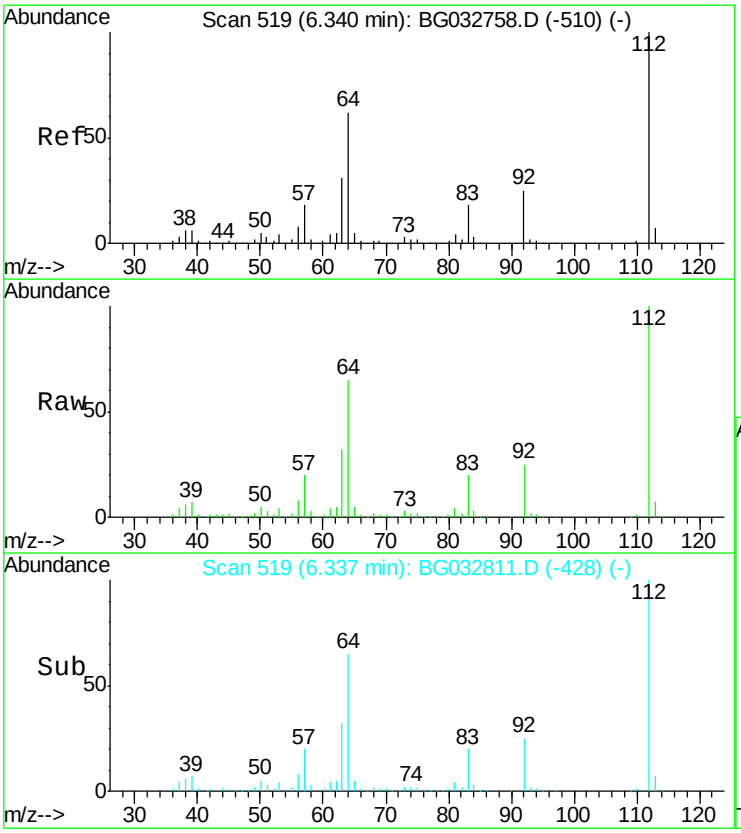
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion:152 Resp: 71630

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.6	189.8
115	57.8	53.0	79.4

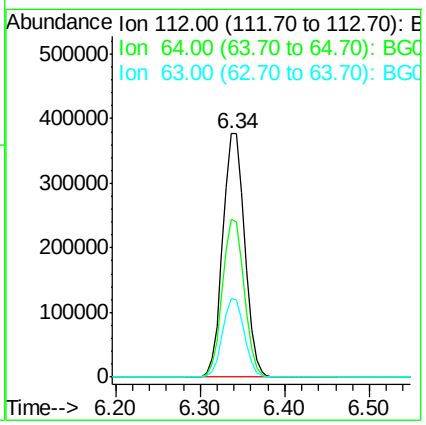


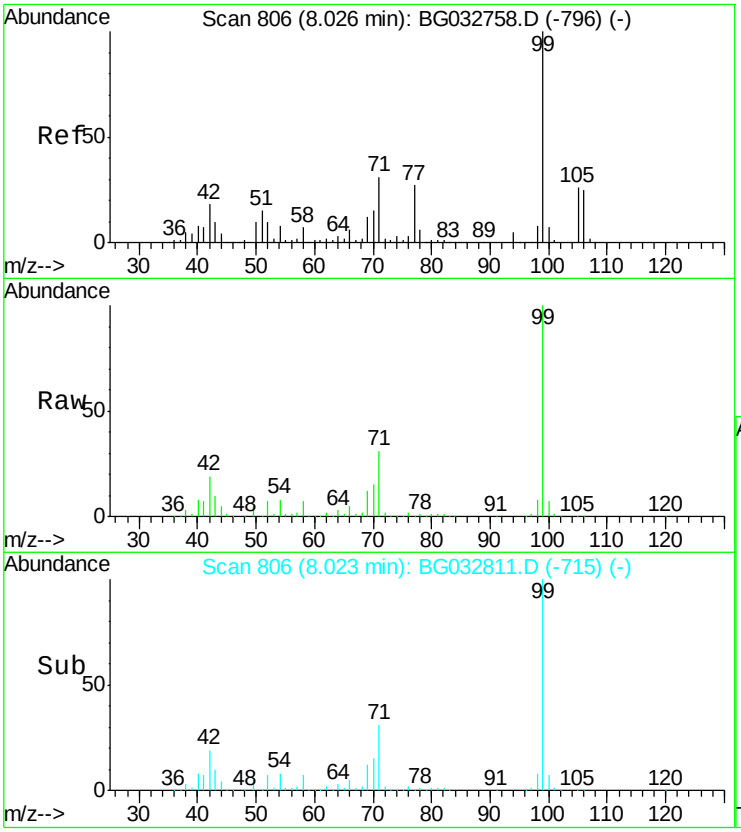


#5
2-Fluorophenol
Concen: 150.83 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:112 Resp: 675298

Ion	Ratio	Lower	Upper
112	100		
64	64.8	56.3	84.5
63	32.4	30.1	45.1



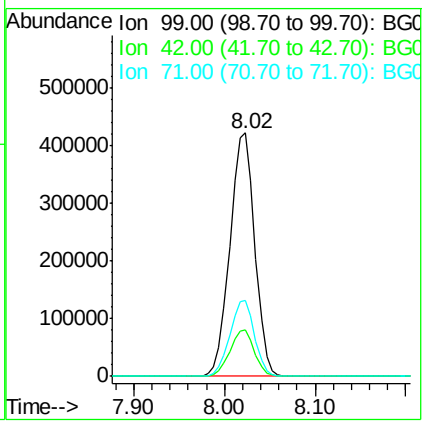


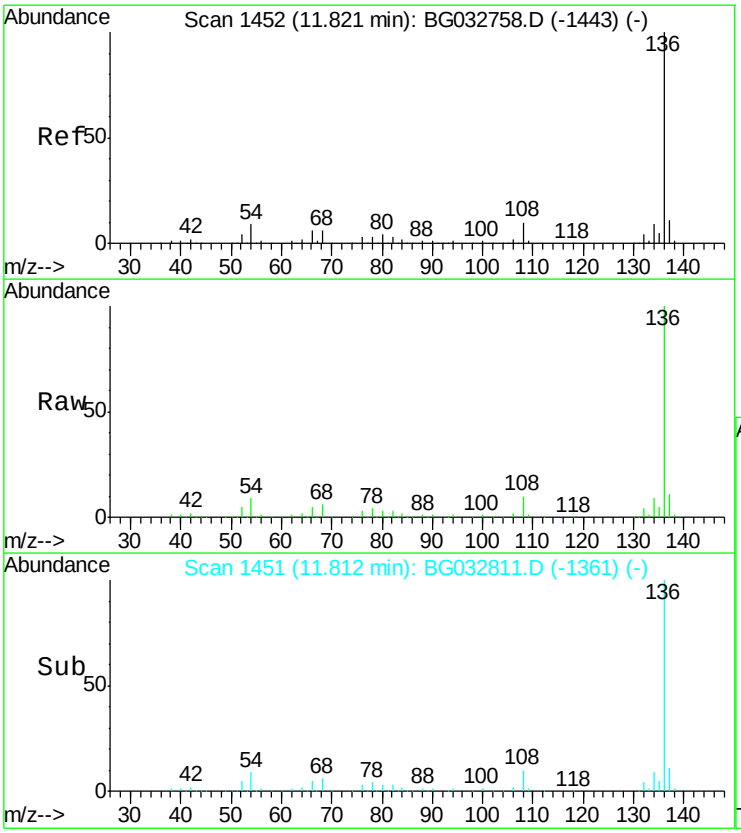
#7
Phenol-d6
Concen: 129.19 ng
RT: 8.02 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion: 99 Resp: 806240

Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.1	21.1
71	31.2	26.1	39.1

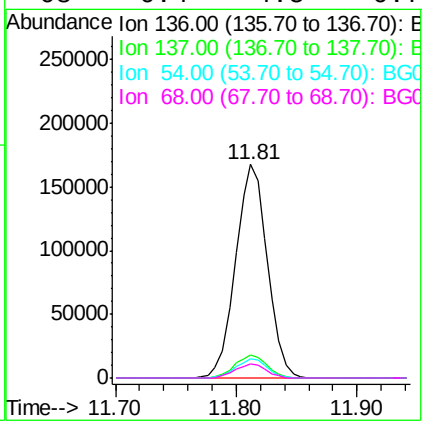


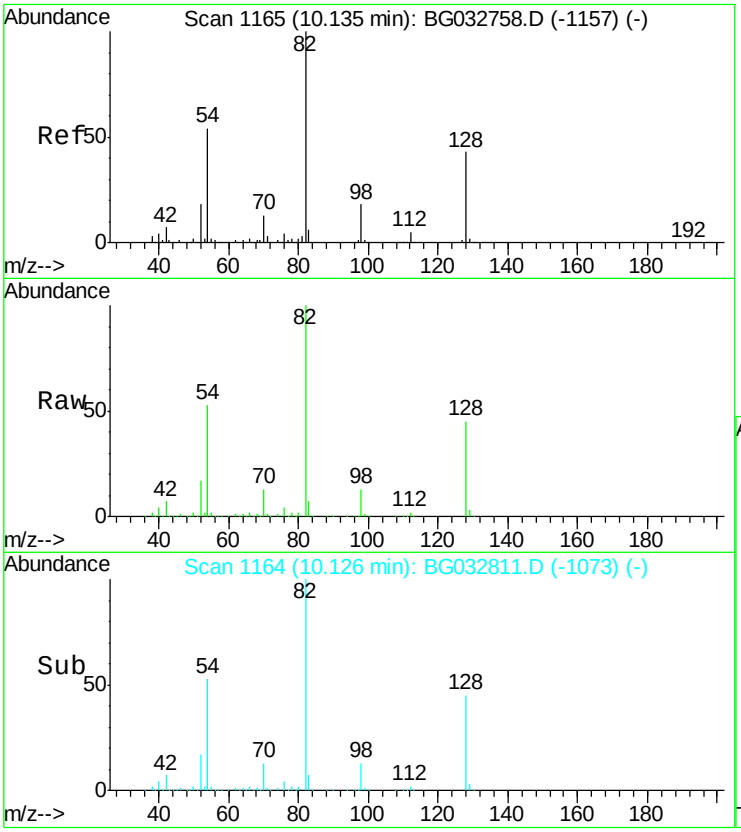


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.81 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:136 Resp: 305507

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	8.9	10.3	15.5#
68	6.4	4.5	6.7



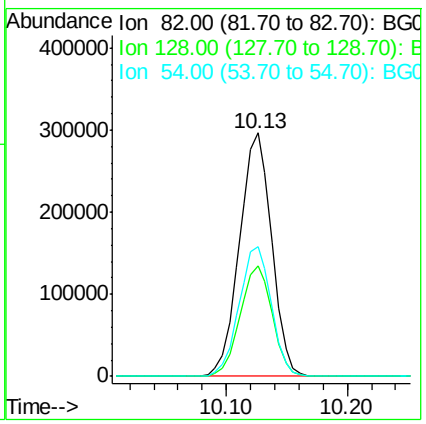


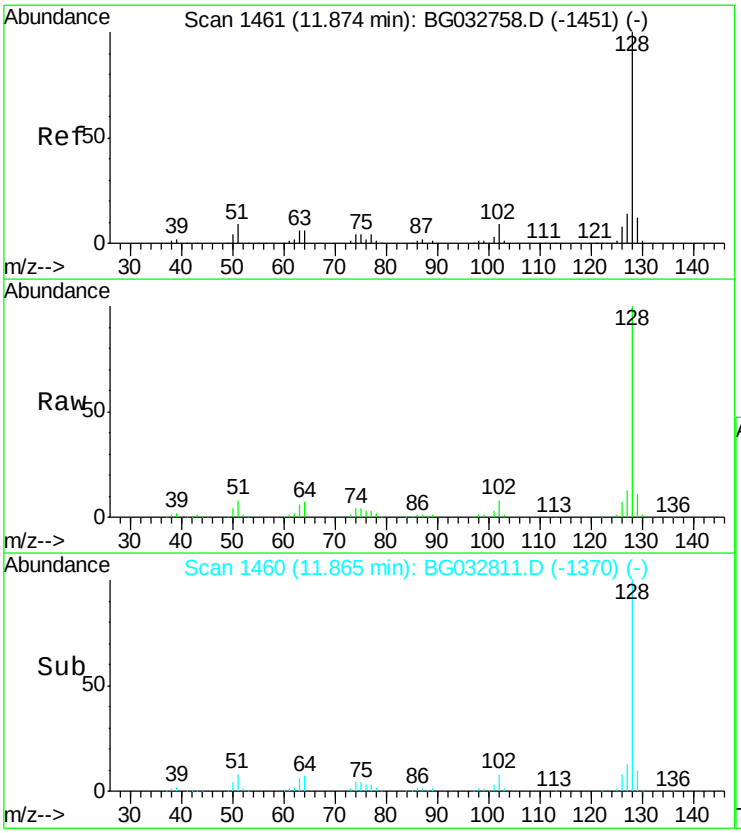
#23
Nitrobenzene-d5
Concen: 120.53 ng
RT: 10.13 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion: 82 Resp: 551285

Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	53.1	43.1	64.7

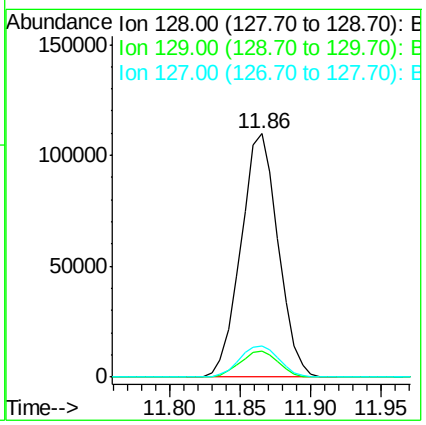


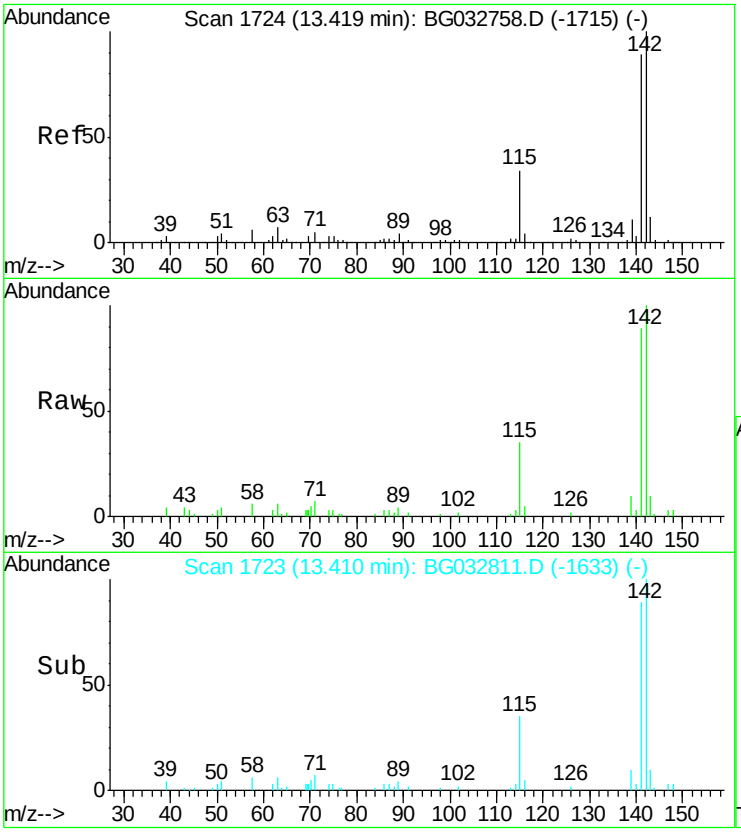


#31
Naphthalene
Concen: 12.73 ng
RT: 11.86 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:128 Resp: 203244

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.0	11.6	17.4



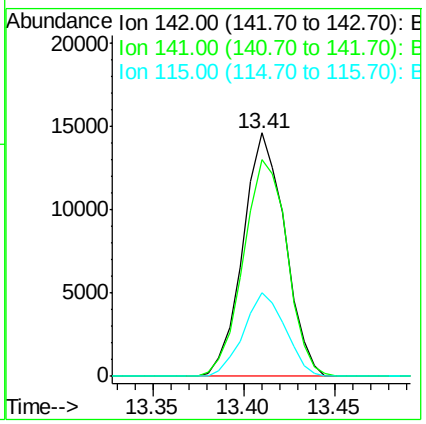


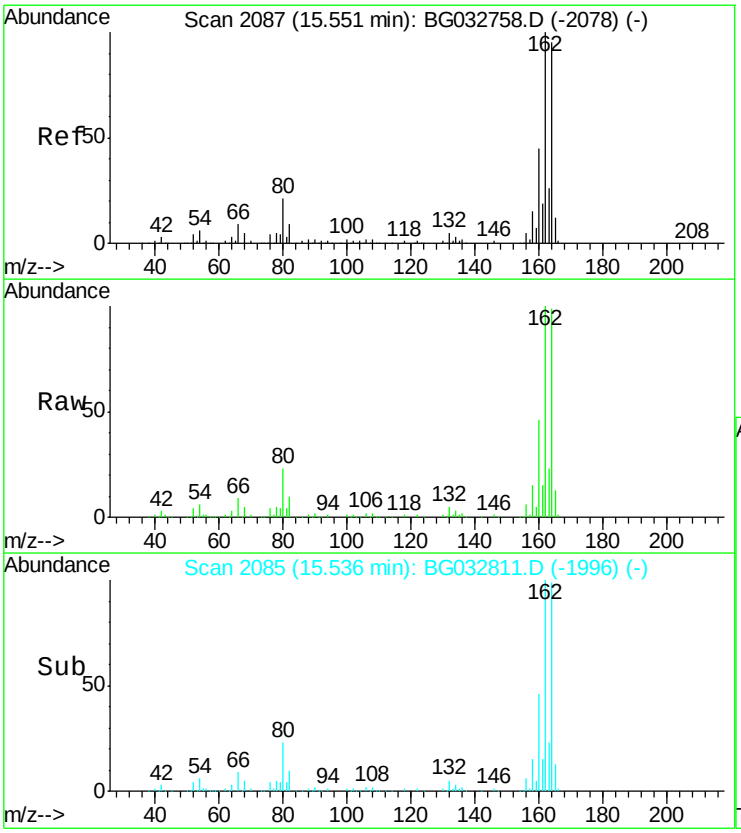
#37
2-Methylnaphthalene
Concen: 2.03 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion:142 Resp: 23484

Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	34.6	30.7	46.1

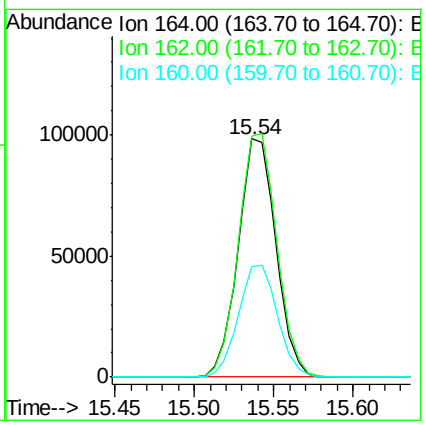


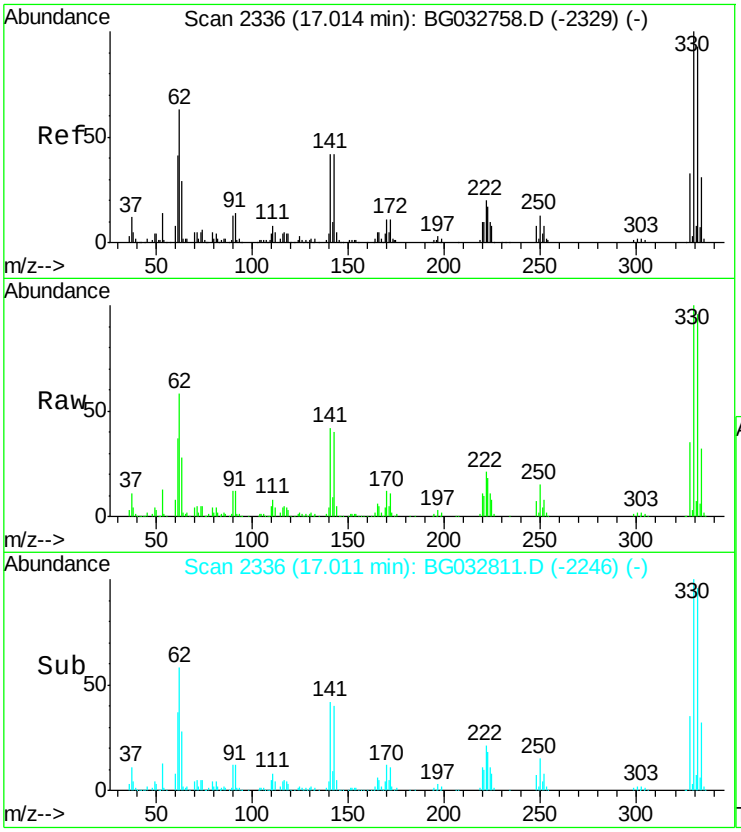


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:164 Resp: 162682

Ion	Ratio	Lower	Upper
164	100		
162	101.0	78.8	118.2
160	46.6	35.4	53.0



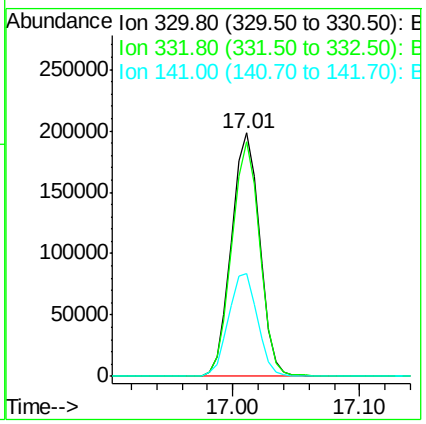


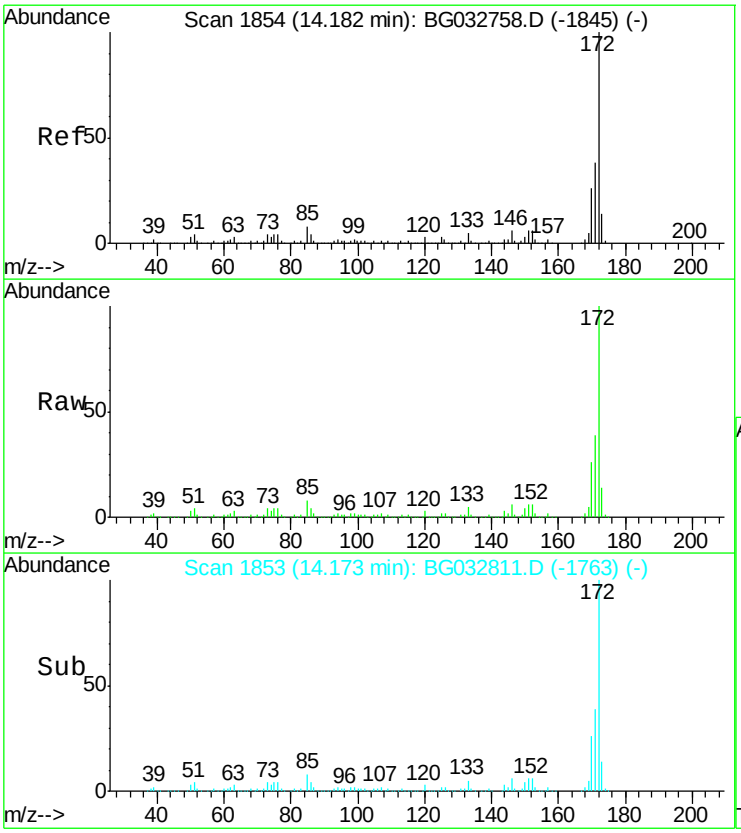
#41
2,4,6-Tribromophenol
Concen: 178.74 ng
RT: 17.01 min Scan# 2336
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion:330 Resp: 305744

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	43.4	25.2	37.8#

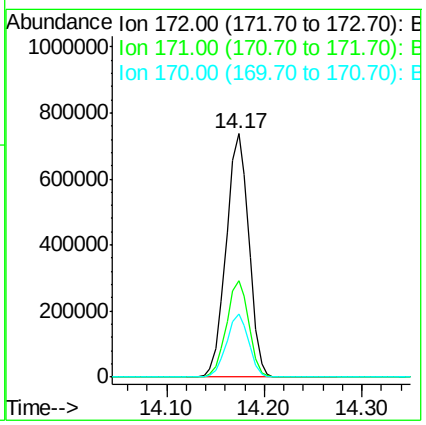


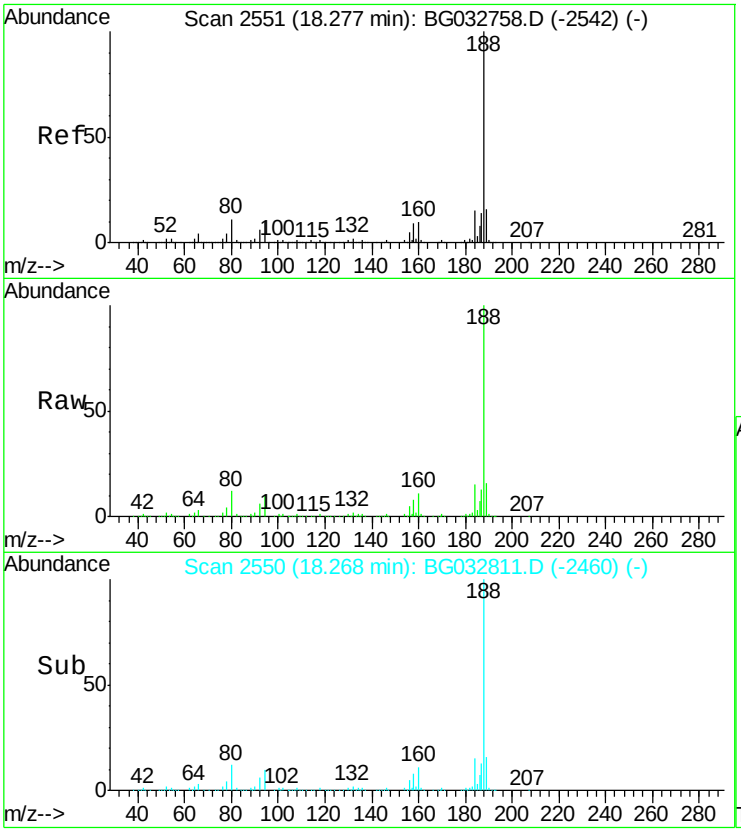


#44
2-Fluorobiphenyl
Concen: 104.93 ng
RT: 14.17 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:172 Resp: 1183593

Ion	Ratio	Lower	Upper
172	100		
171	39.4	30.0	45.0
170	25.9	19.5	29.3



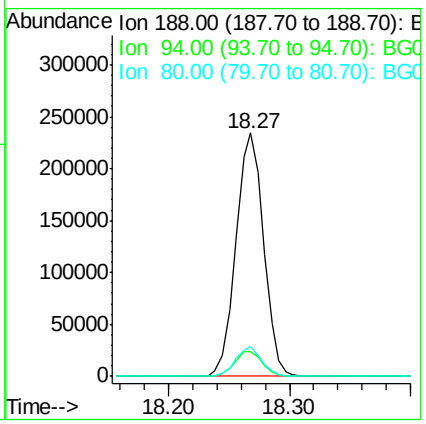


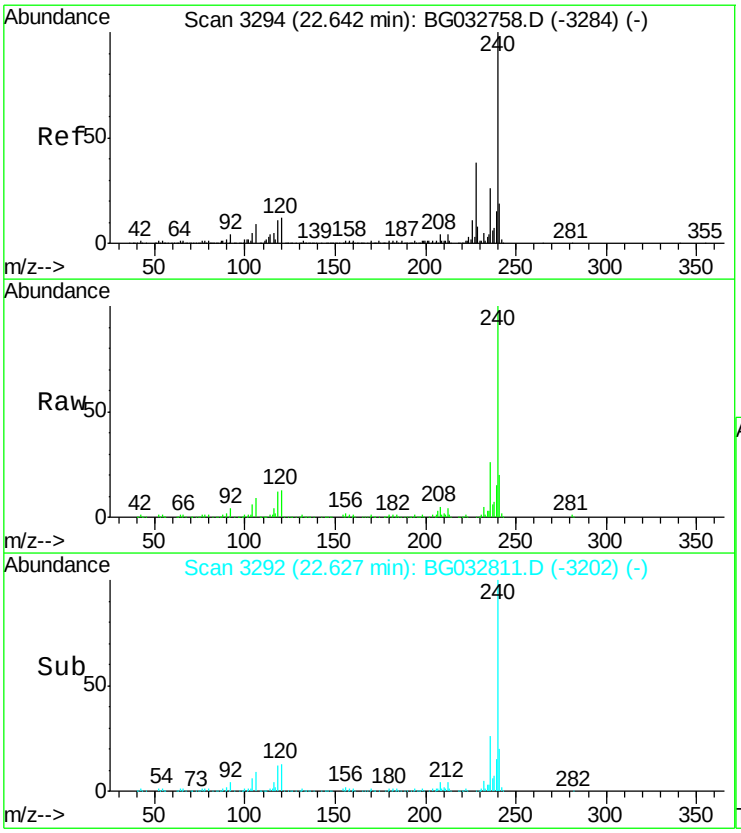
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion:188 Resp: 374202

Ion	Ratio	Lower	Upper
188	100		
94	10.0	6.9	10.3
80	12.1	7.7	11.5#

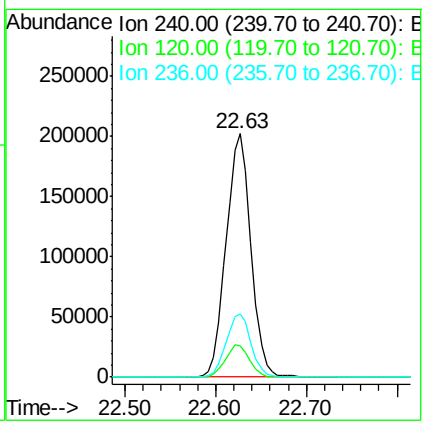


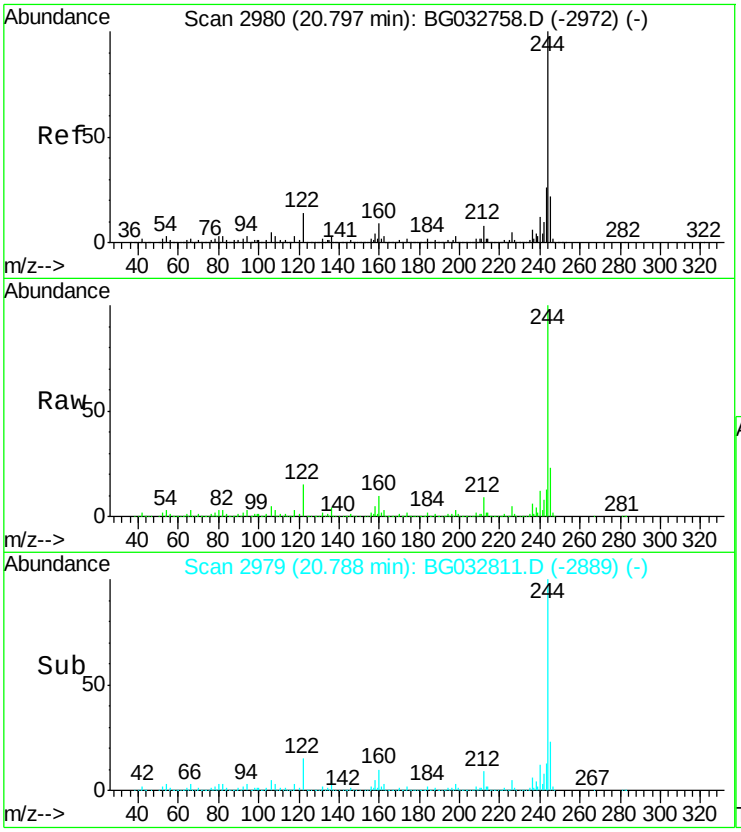


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.63 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:240 Resp: 384185

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.8	10.2#
236	25.9	20.9	31.3



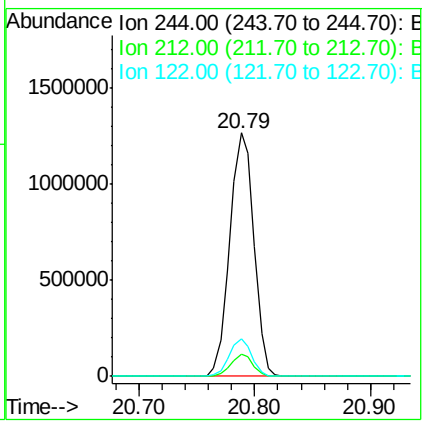


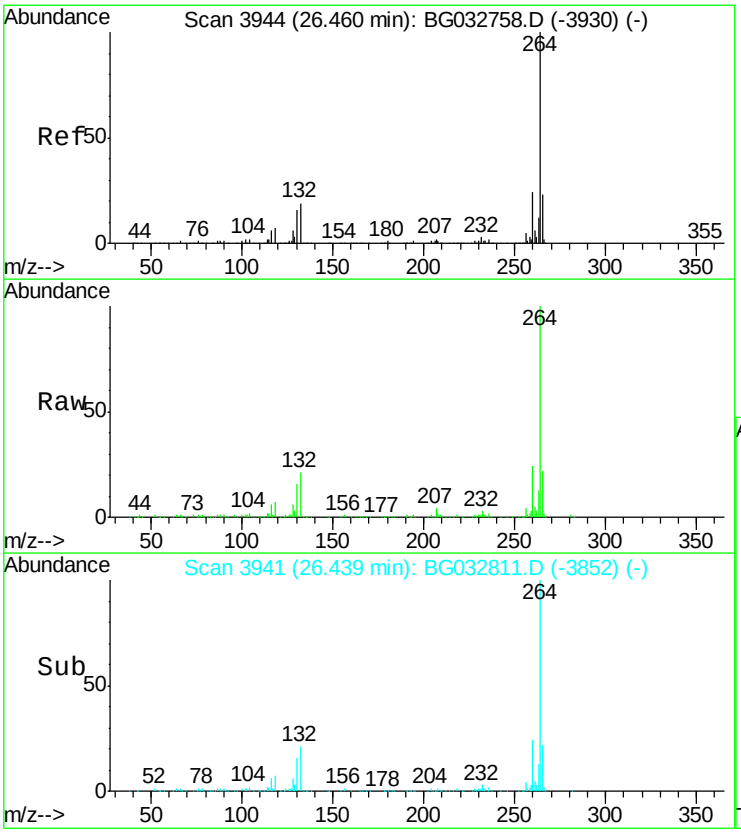
#78
Terphenyl-d14
Concen: 106.88 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Instrument :
BNA_G
ClientSampleId :
RT-2342

Tgt Ion:244 Resp: 1827557

Ion	Ratio	Lower	Upper
244	100		
212	8.9	5.8	8.8#
122	15.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.01 min
Lab File: BG032811.D
Acq: 24 Feb 2018 5:01

Tgt Ion:264 Resp: 407172

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	22.0	17.7	26.5