Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020818\
Data File : BG032621.D
Acq On : 8 Feb 2018 21:49
Operator : SJ/JU
Sample : J1473-32
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B8

Quant Time: Feb 09 03:34:47 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	31402	20.00	ng	-0.03
21) Naphthalene-d8	11.56	136	129294	20.00	ng	-0.03
38) Acenaphthene-d10	15.32	164	107499	20.00	ng	-0.02
63) Phenanthrene-d10	18.06	188	326063	20.00	ng	-0.01
75) Chrysene-d12	22.39	240	344385	20.00	ng	-0.01
86) Perylene-d12	26.06	264	210249	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.12	112	264451	169.15	ng	-0.02
7) Phenol-d6	7.80	99	319714	153.25	ng	-0.02
23) Nitrobenzene-d5	9.88	82	228387	110.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.80	330	324082	158.38	ng	-0.01
44) 2-Fluorobiphenyl	13.95	172	856195	94.67	ng	-0.02
78) Terphenyl-d14	20.61	244	1652565	102.79	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	11.61	128	137643	21.797	ng	98
37) 2-Methylnaphthalene	13.18	142	20269	3.821	ng	90

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

Quantitation Report (QT Reviewed)

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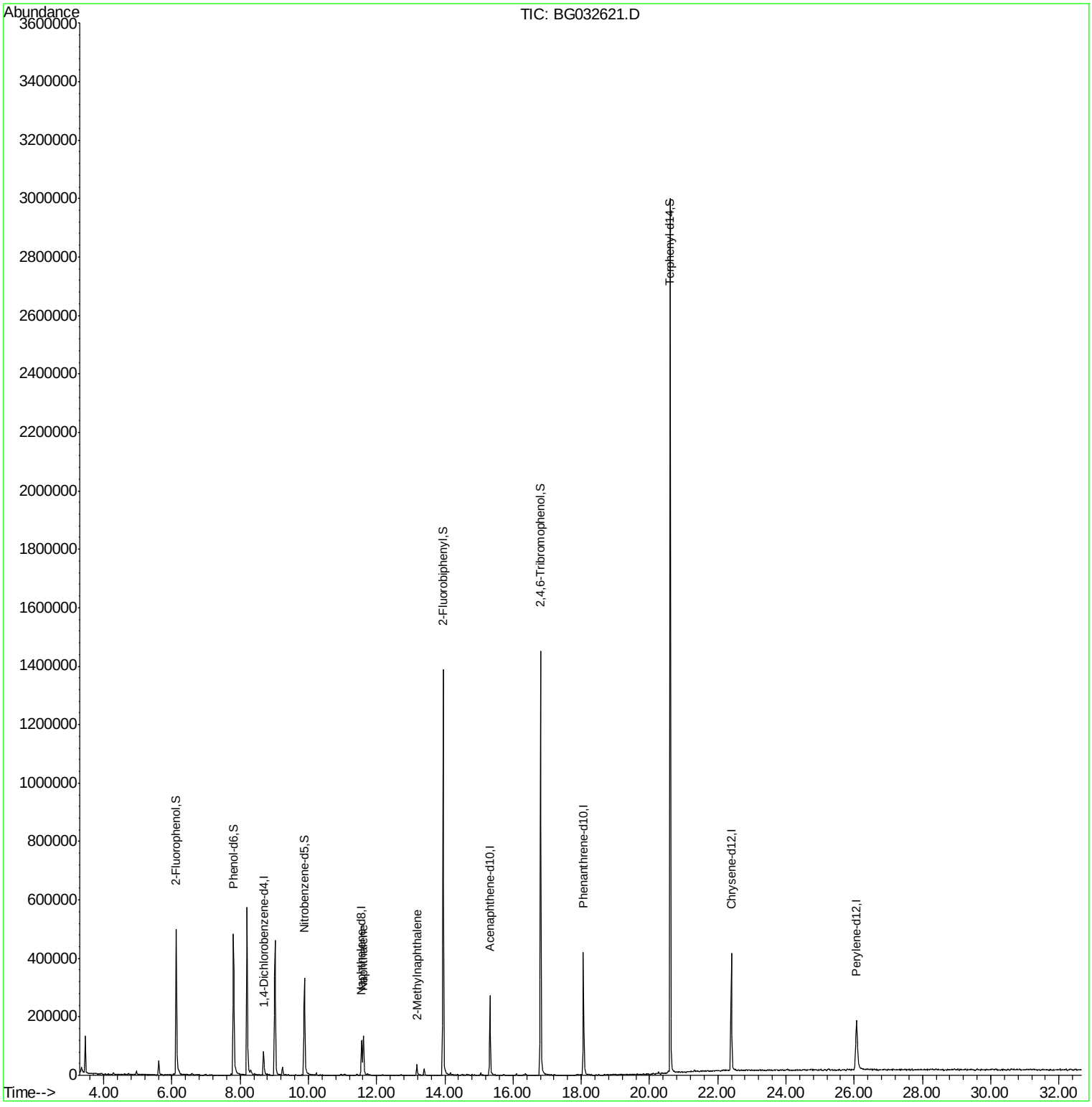
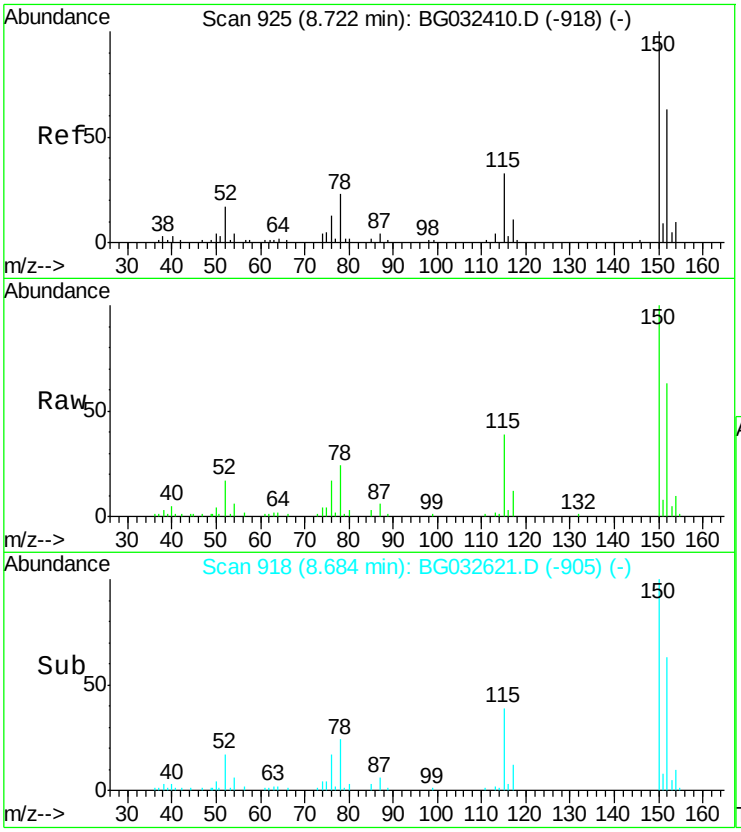


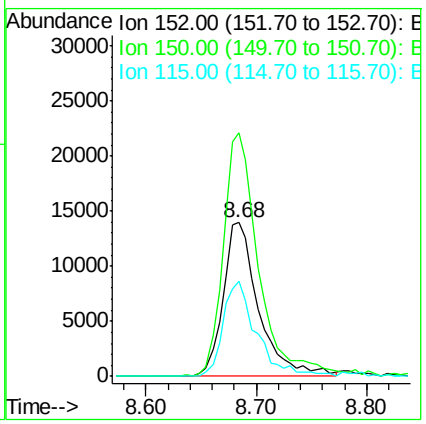


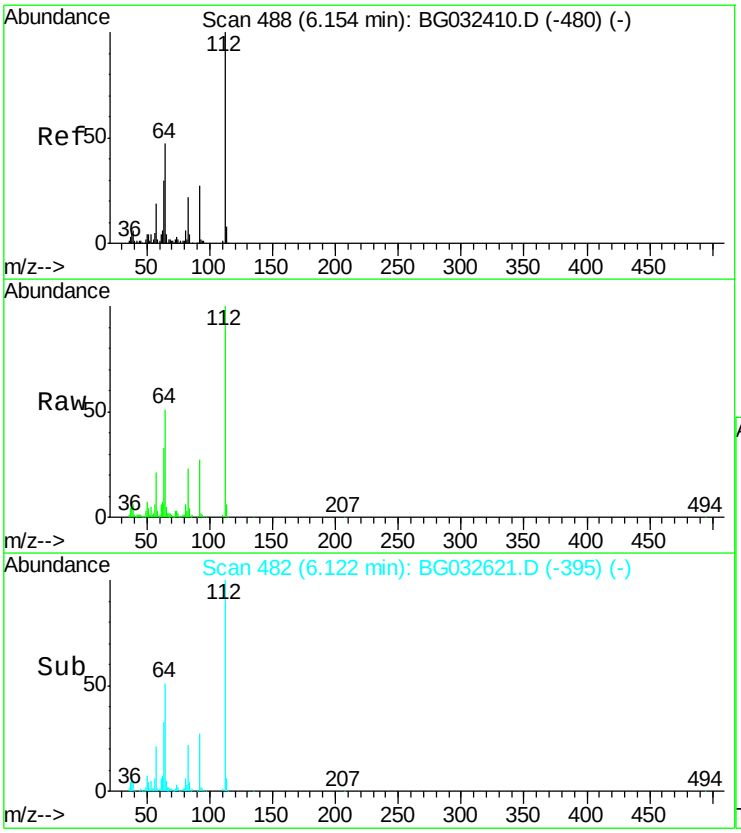
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.03 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion:152 Resp: 31402

Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	62.2	53.0	79.4

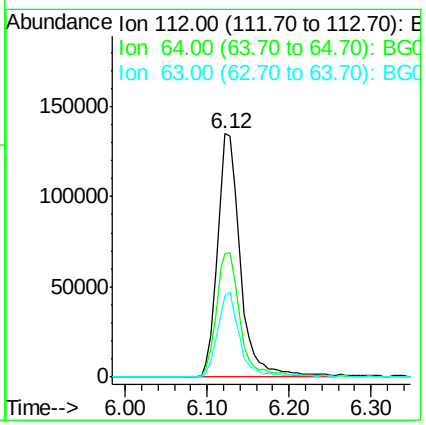


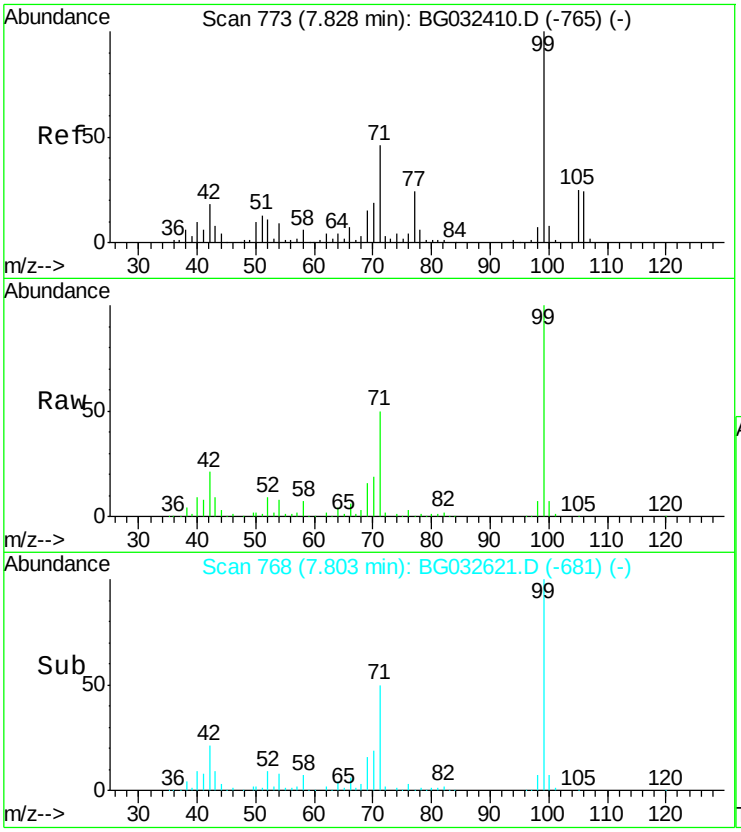


#5
2-Fluorophenol
Concen: 169.150 ng
RT: 6.12 min Scan# 482
Delta R.T. -0.02 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:112 Resp: 264451

Ion	Ratio	Lower	Upper
112	100		
64	50.8	56.3	84.5#
63	33.4	30.1	45.1



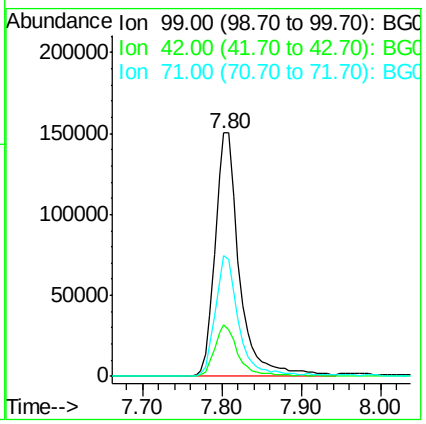


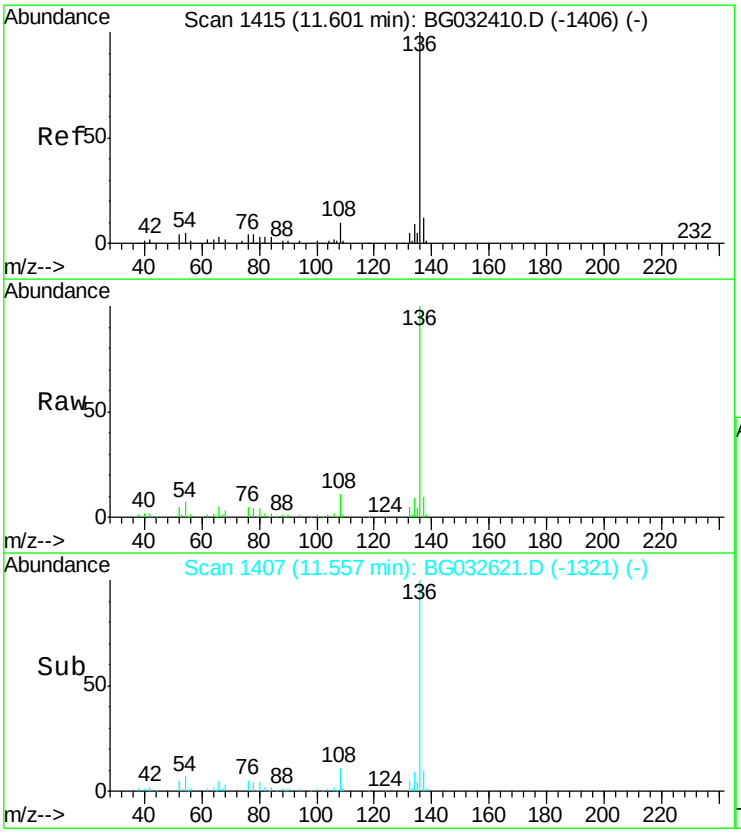
#7
Phenol-d6
Concen: 153.249 ng
RT: 7.80 min Scan# 768
Delta R.T. -0.02 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion: 99 Resp: 319714

Ion	Ratio	Lower	Upper
99	100		
42	21.0	14.1	21.1
71	49.5	26.1	39.1#

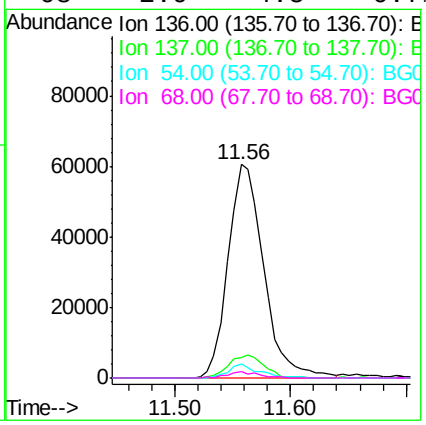


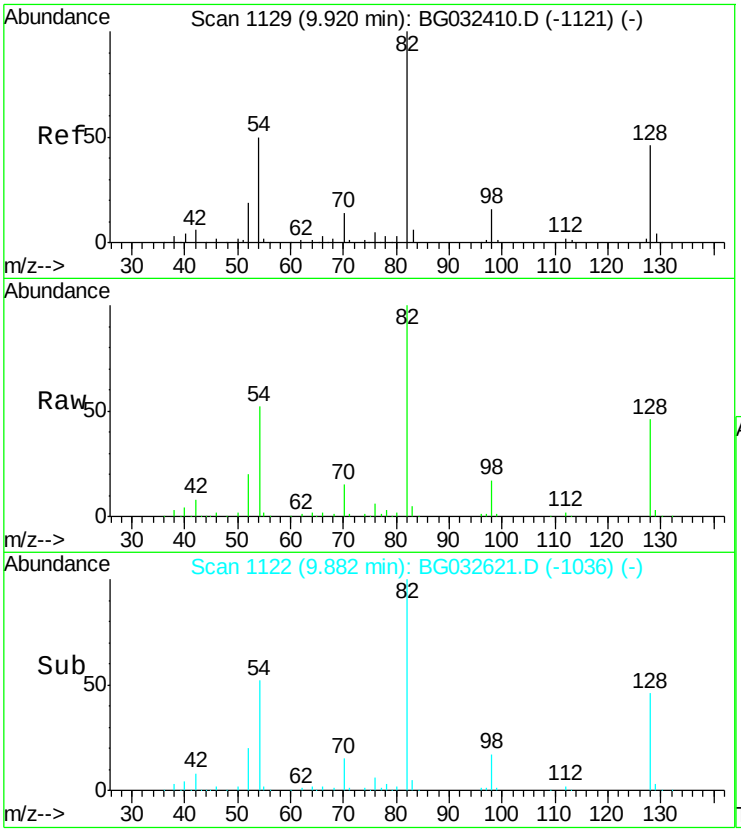


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.56 min Scan# 1407
Delta R.T. -0.03 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:136 Resp: 129294

Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	6.6	10.3	15.5#
68	2.9	4.5	6.7#



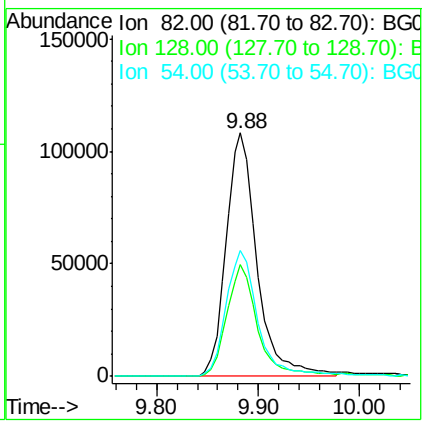


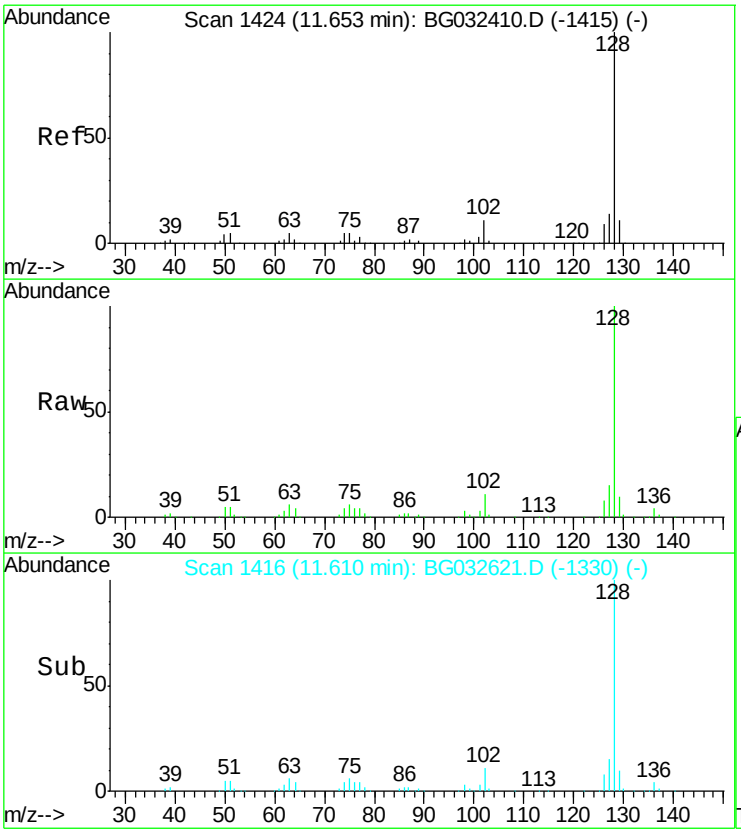
#23
Nitrobenzene-d5
Concen: 110.331 ng
RT: 9.88 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion: 82 Resp: 228387

Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	51.7	43.1	64.7

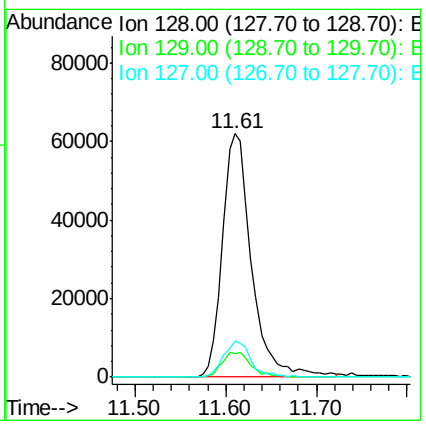


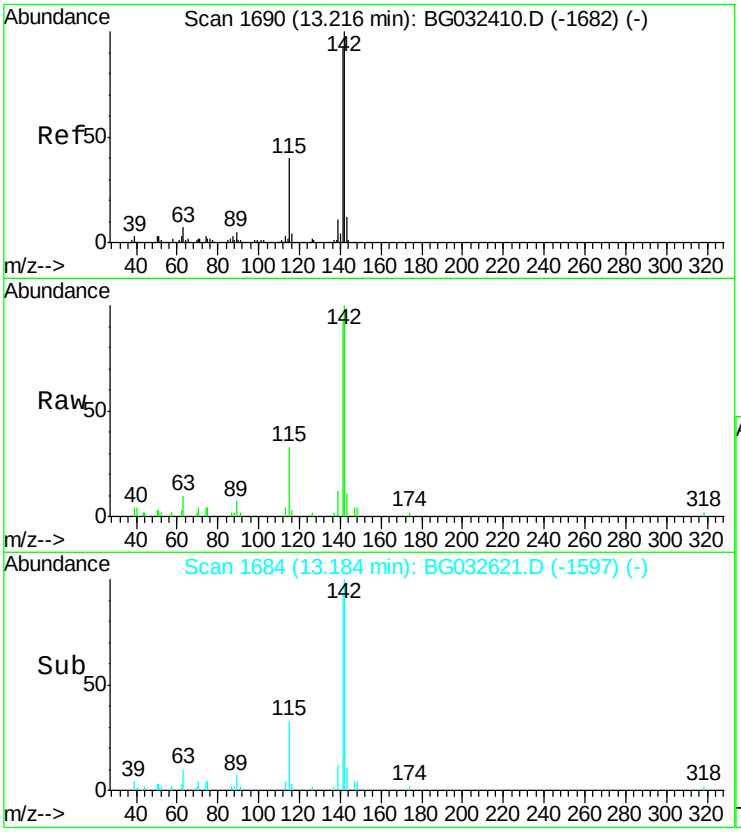


#31
Naphthalene
Concen: 21.797 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.03 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:128 Resp: 137643

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.6	12.8
127	15.1	11.6	17.4



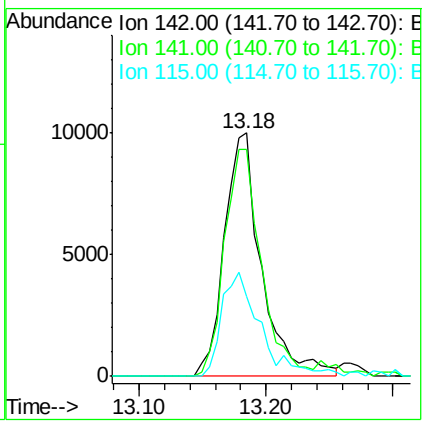


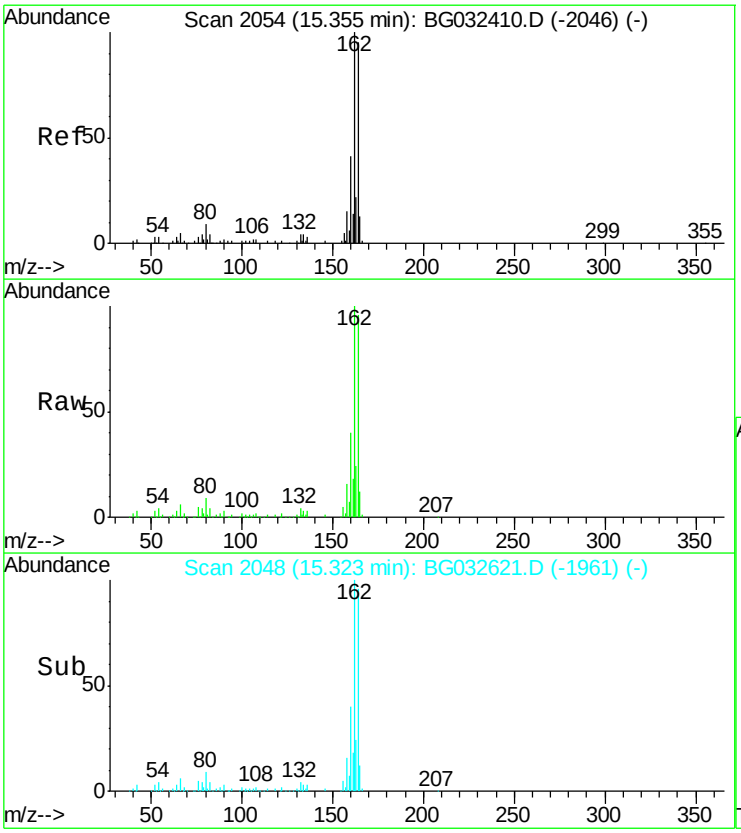
#37
2-Methylnaphthalene
Concen: 3.821 ng
RT: 13.18 min Scan# 1684
Delta R.T. -0.02 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion:142 Resp: 20269

Ion	Ratio	Lower	Upper
142	100		
141	93.2	67.1	100.7
115	32.6	30.7	46.1

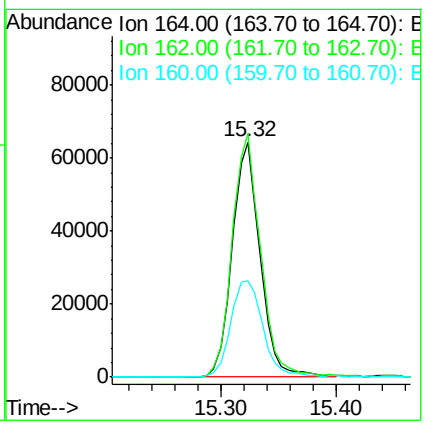


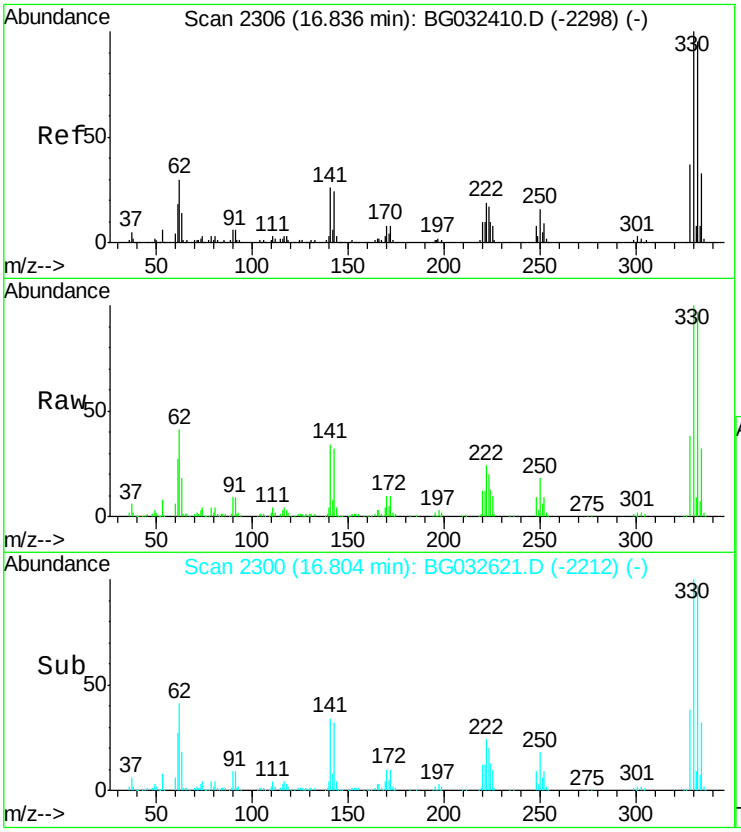


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.32 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:164 Resp: 107499

Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	41.0	35.4	53.0



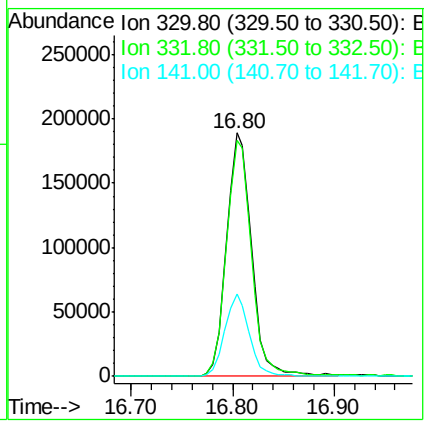


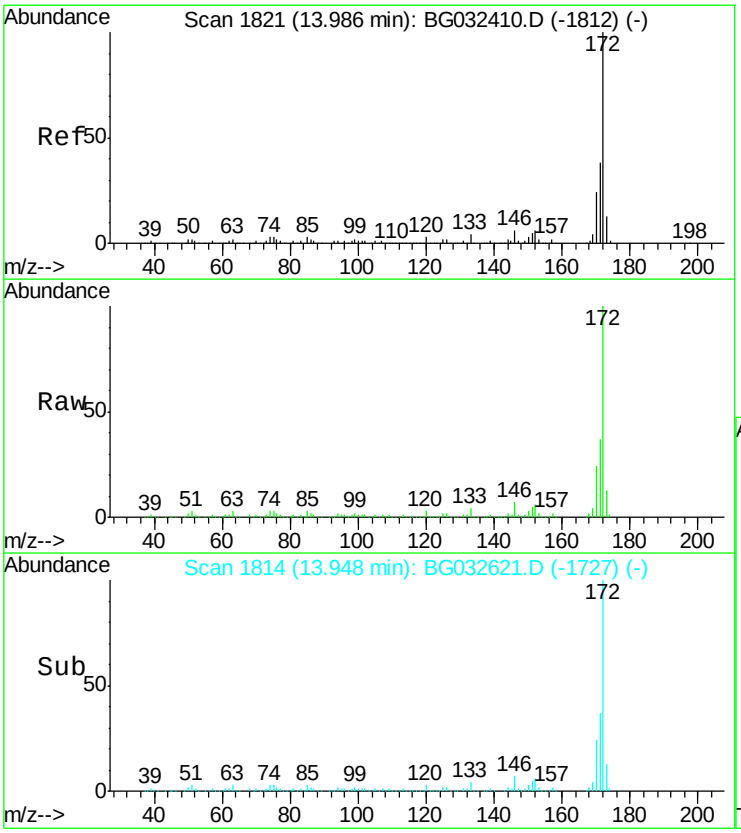
#41
2,4,6-Tribromophenol
Concen: 158.379 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion:330 Resp: 324082

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	33.0	25.2	37.8

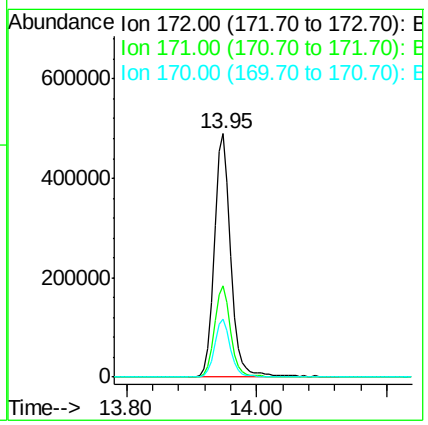


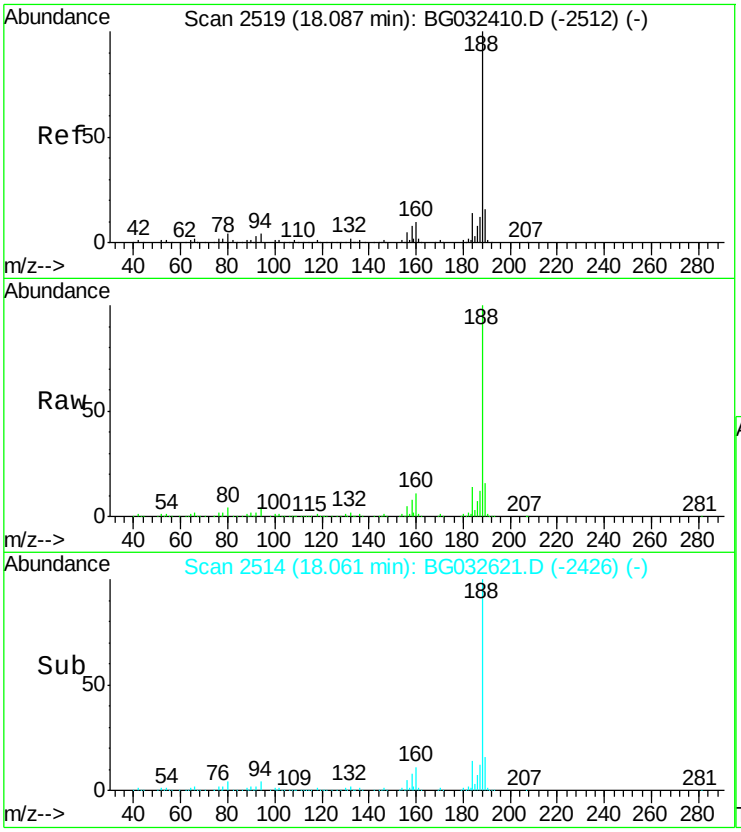


#44
2-Fluorobiphenyl
Concen: 94.666 ng
RT: 13.95 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:172 Resp: 856195

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.8	19.5	29.3



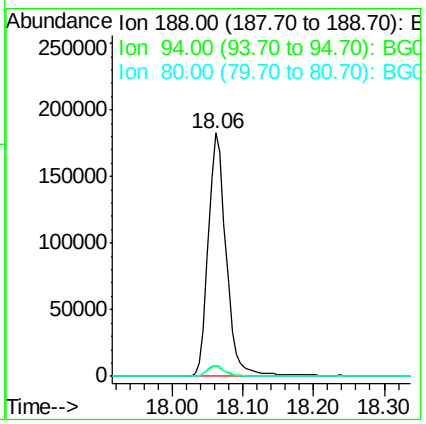


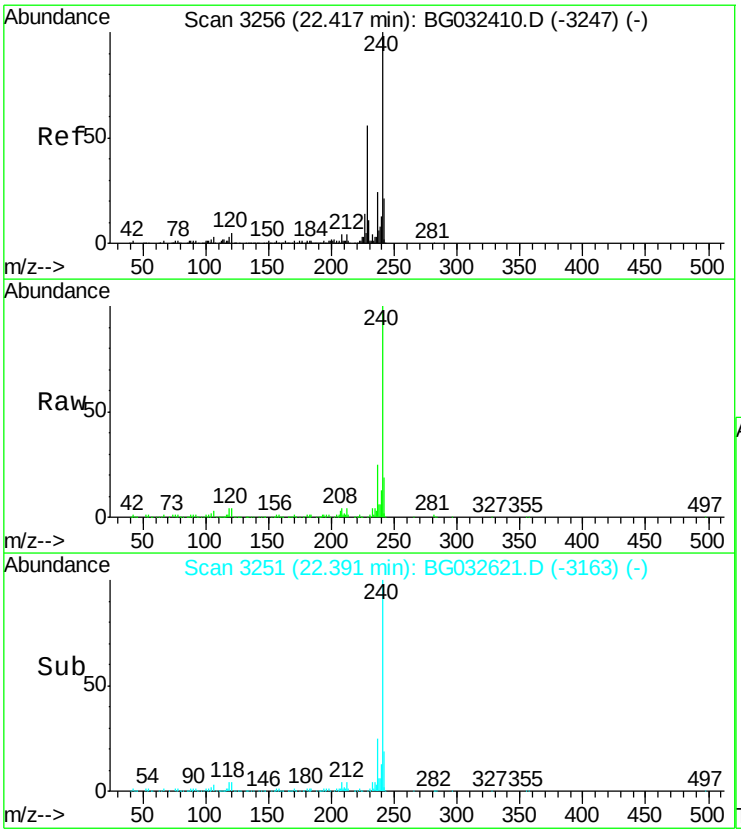
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.06 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion:188 Resp: 326063

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.2	7.7	11.5#

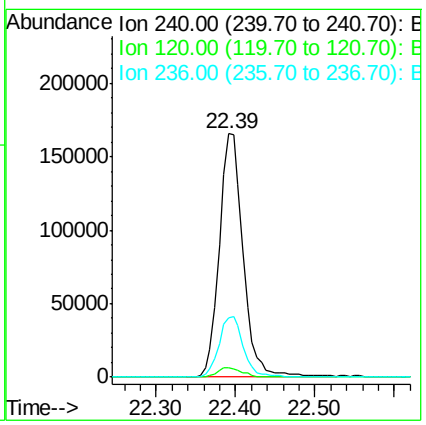


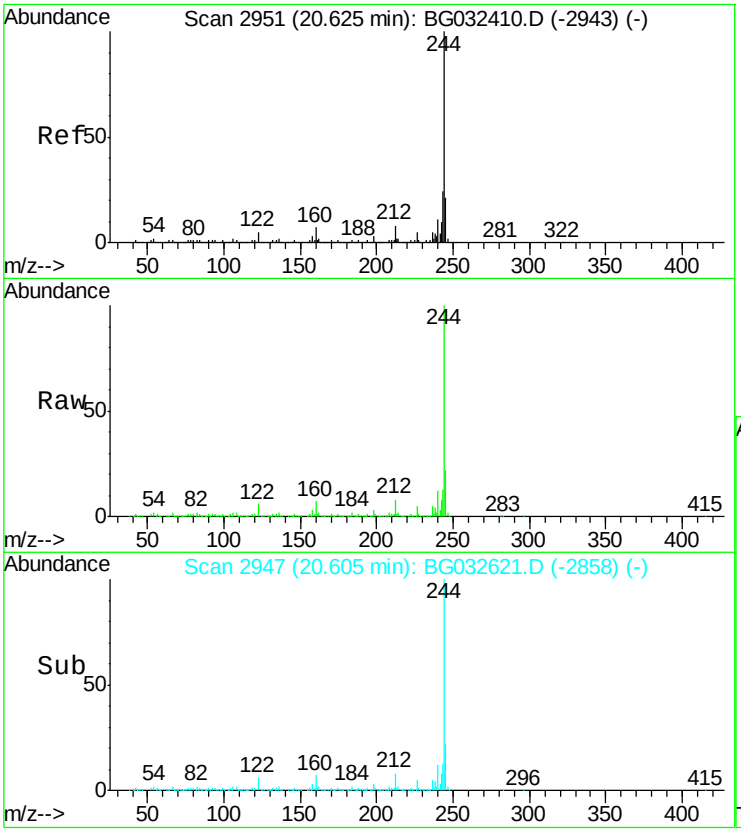


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.39 min Scan# 3251
Delta R.T. -0.01 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:240 Resp: 344385

Ion	Ratio	Lower	Upper
240	100		
120	4.0	6.8	10.2#
236	24.5	20.9	31.3



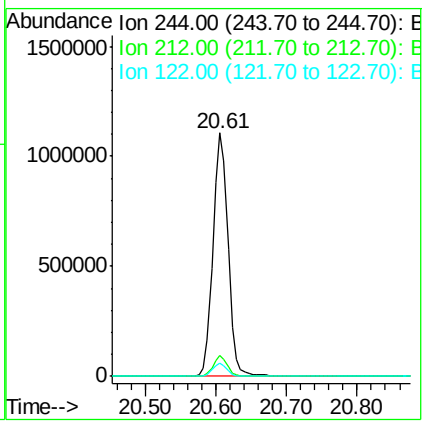


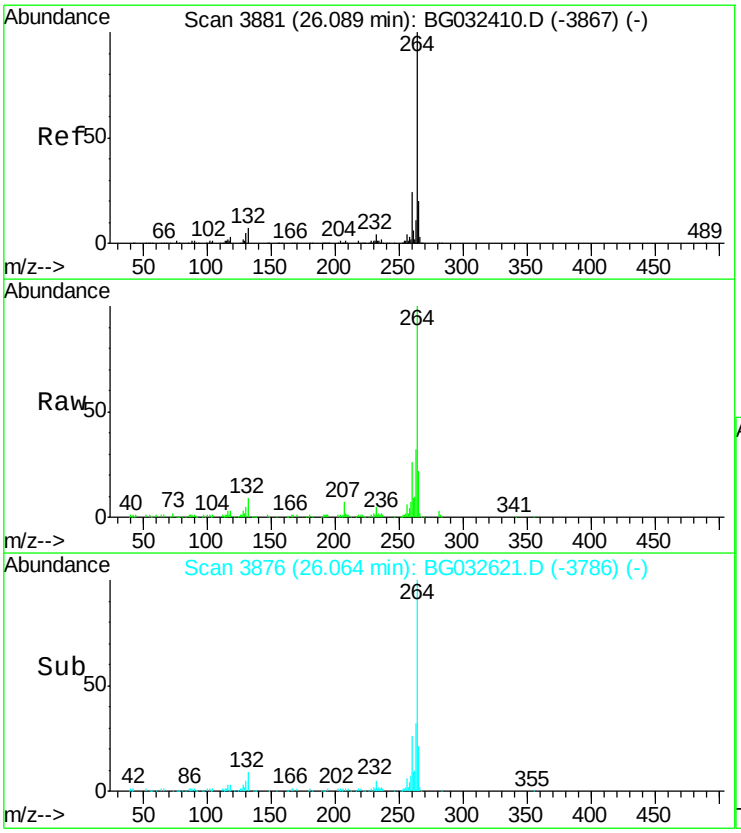
#78
Terphenyl-d14
Concen: 102.790 ng
RT: 20.61 min Scan# 2947
Delta R.T. -0.01 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Instrument :
BNA_G
ClientSampleId :
B8

Tgt Ion:244 Resp: 1652565

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	5.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BG032621.D
Acq: 8 Feb 2018 21:49

Tgt Ion:264 Resp: 210249

Ion	Ratio	Lower	Upper
264	100		
260	26.2	17.4	26.0#
265	21.5	17.7	26.5