Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG103117\
Data File : BG030614.D
Acq On : 31 Oct 2017 16:12
Operator : SJ/JU
Sample : I6133-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SW-01(17.5-19.5)

Quant Time: Nov 01 06:43:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	75170	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	364255	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	247312	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	547734	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	573630	20.00	ng	-0.02
86) Perylene-d12	25.10	264	578059	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	427472	95.00	ng	0.00
7) Phenol-d6	7.32	99	607212	96.14	ng	0.00
23) Nitrobenzene-d5	9.32	82	357159	62.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	299284	93.73	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	1074732	63.74	ng	-0.02
78) Terphenyl-d14	20.11	244	1524583	60.46	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.34	94	24404	3.584	ng	97
49) Dimethylphthalate	14.22	163	143995	7.462	ng	98

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

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Misc :
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Instrument :
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ClientSampleId :
SW-01(17.5-19.5)

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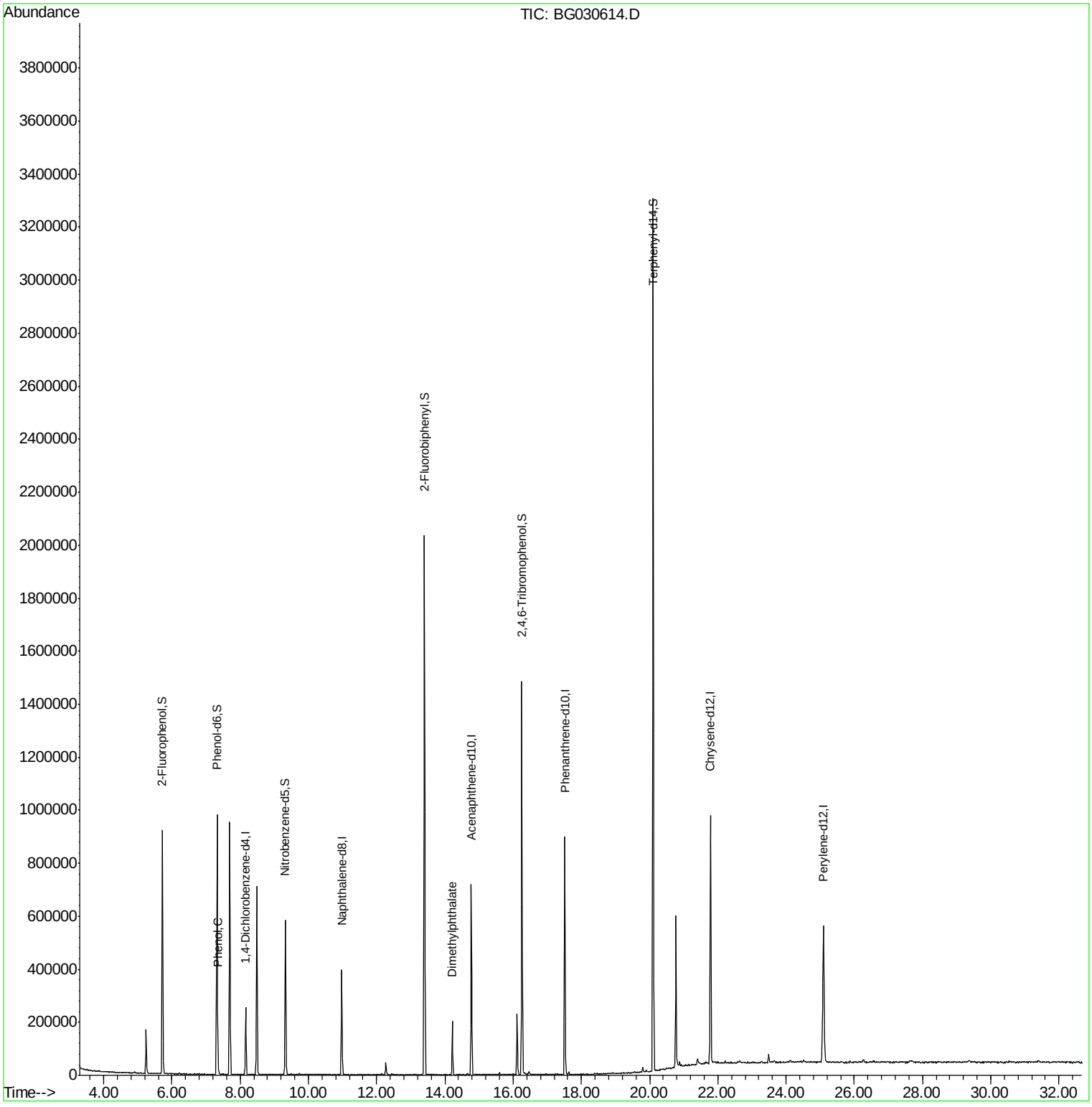
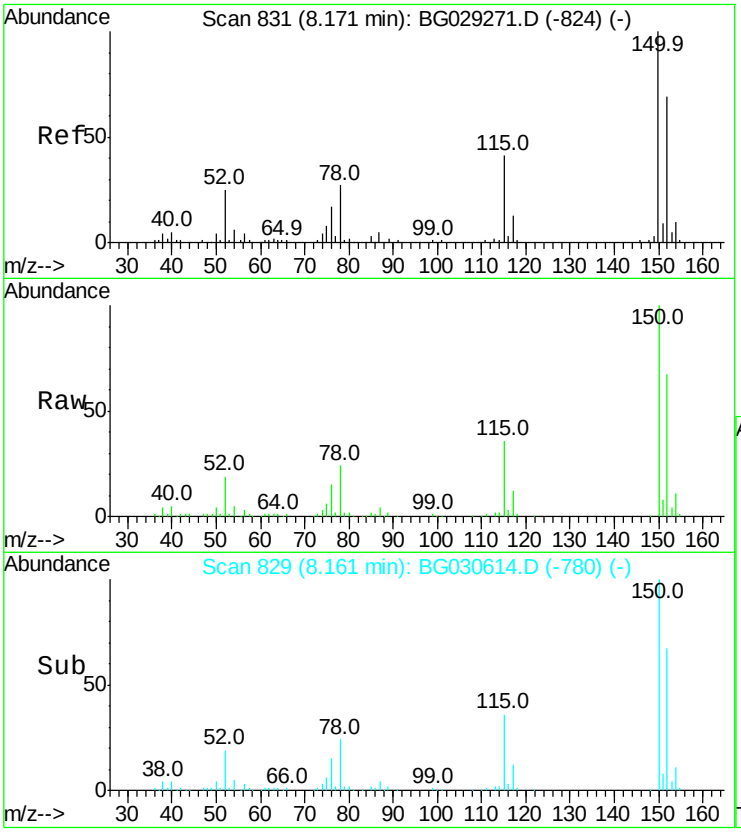


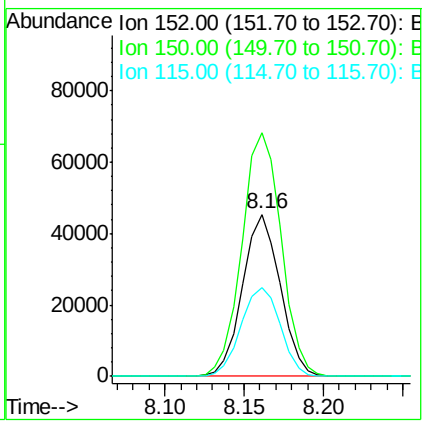


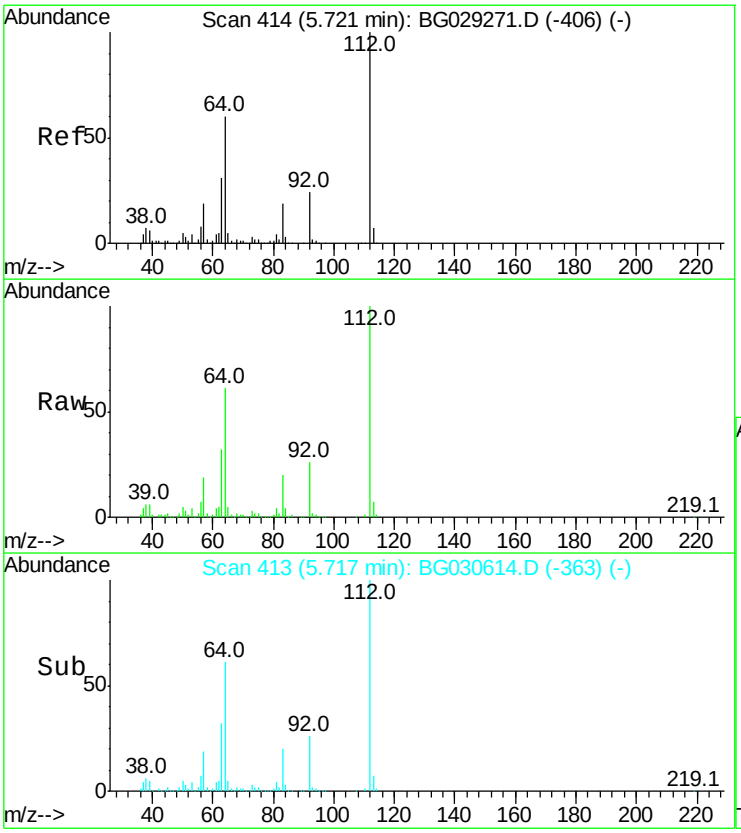
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion:152 Resp: 75170

Ion	Ratio	Lower	Upper
152	100		
150	150.0	126.6	189.8
115	54.6	53.0	79.4

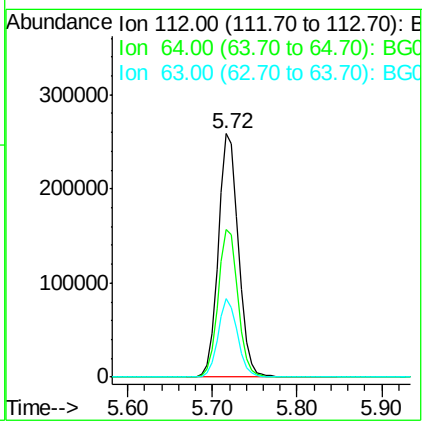


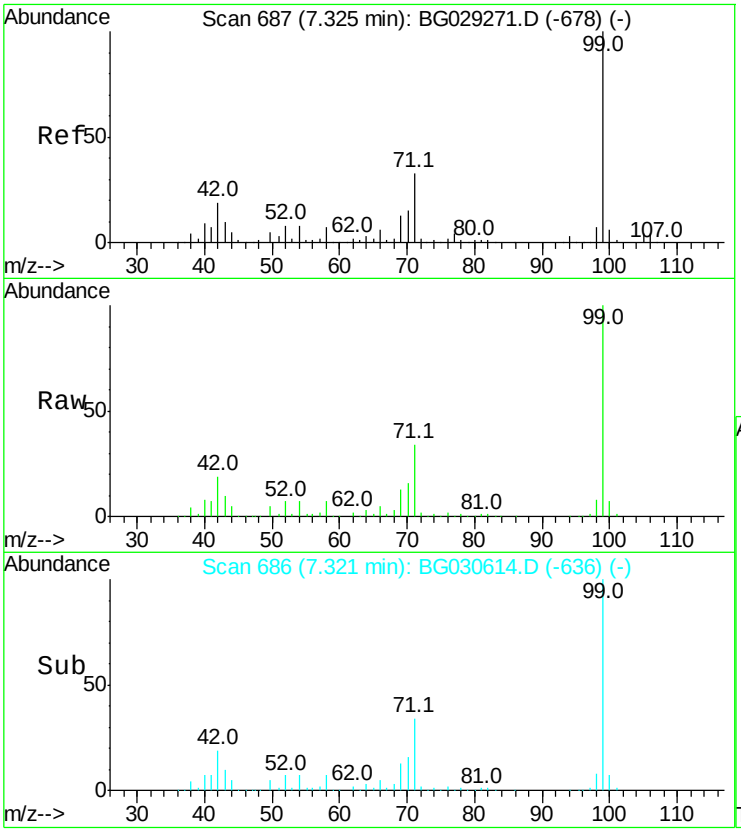


#5
2-Fluorophenol
Concen: 95.000 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:112 Resp: 427472

Ion	Ratio	Lower	Upper
112	100		
64	60.8	56.3	84.5
63	32.2	30.1	45.1



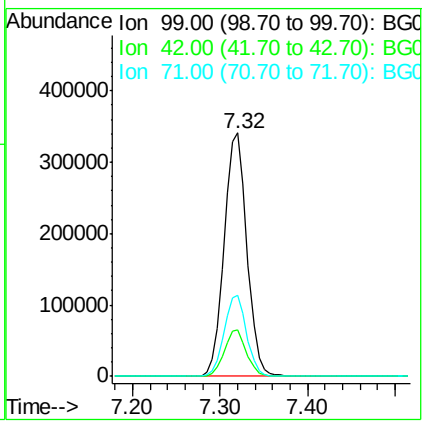


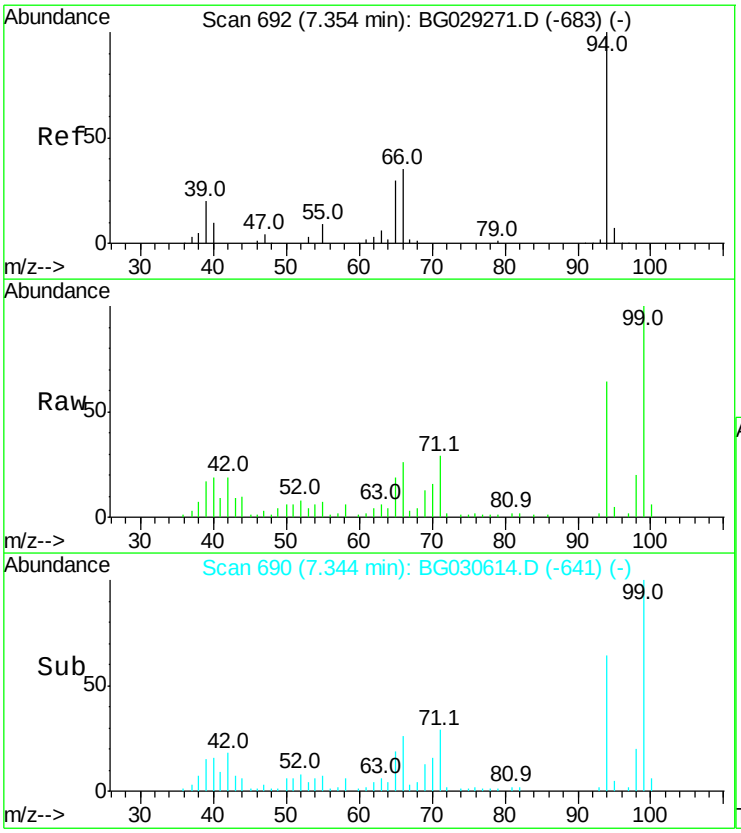
#7
Phenol-d6
Concen: 96.138 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.00 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion: 99 Resp: 607212

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.1	21.1
71	33.5	26.1	39.1

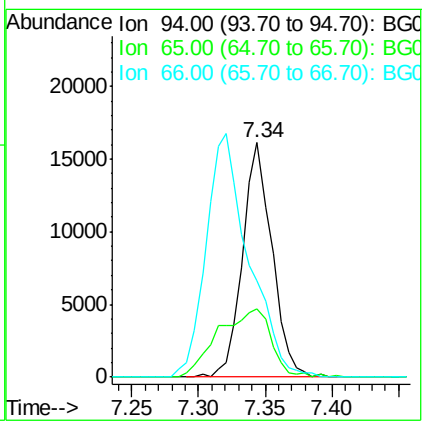


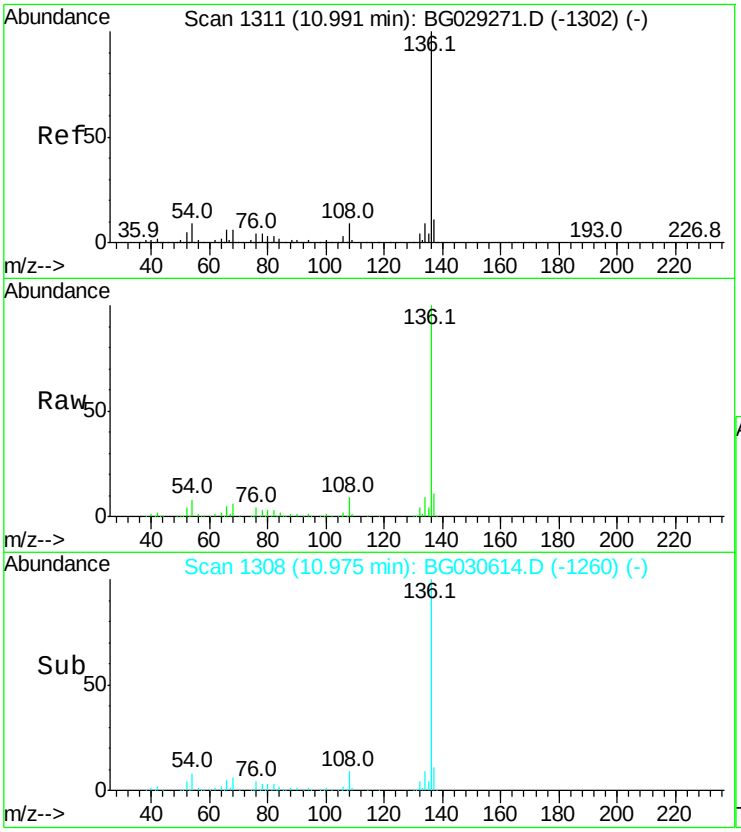


#10
Phenol
Concen: 3.584 ng
RT: 7.34 min Scan# 690
Delta R.T. -0.01 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion: 94 Resp: 24404

Ion	Ratio	Lower	Upper
94	100		
65	29.0	11.9	51.9
66	41.0	22.2	62.2



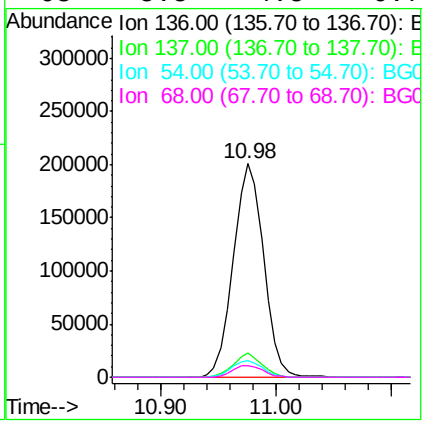


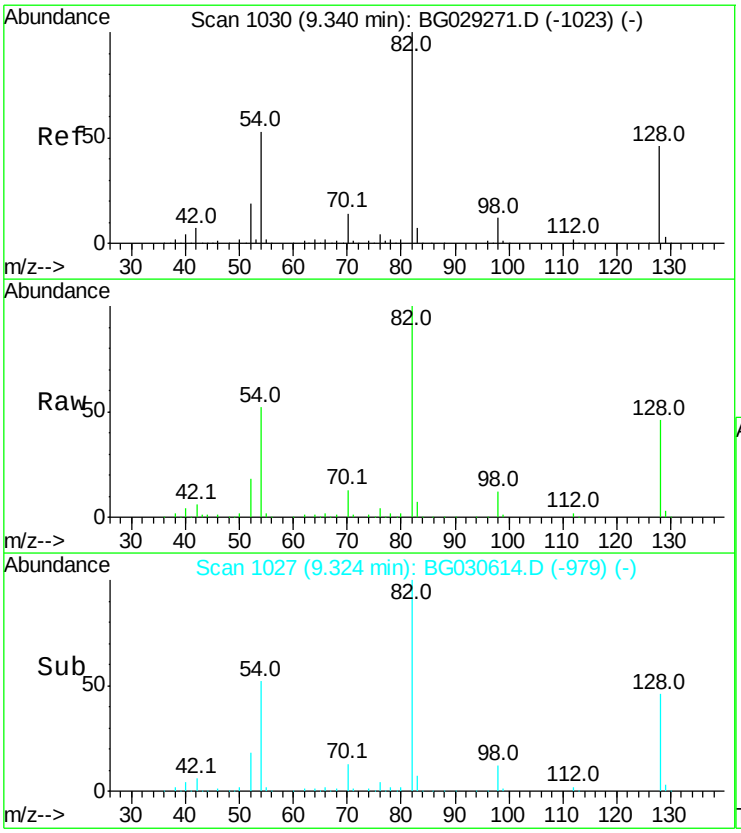
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion:136 Resp: 364255

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.8	10.3	15.5#
68	5.5	4.5	6.7

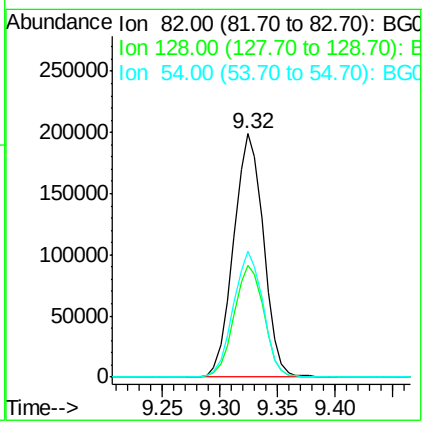


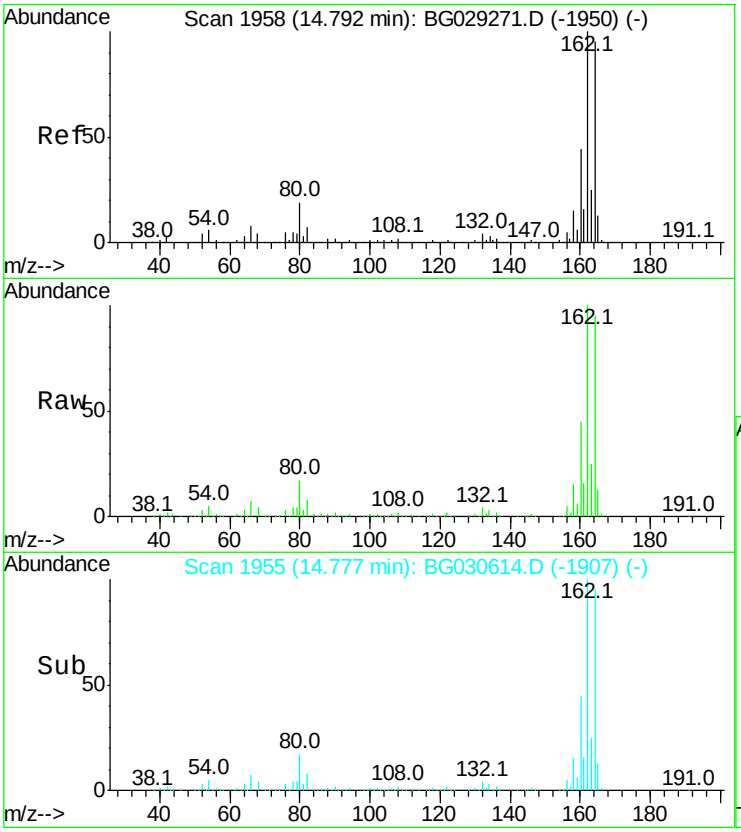


#23
Nitrobenzene-d5
Concen: 62.309 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion: 82 Resp: 357159

Ion	Ratio	Lower	Upper
82	100		
128	45.7	29.7	44.5#
54	51.8	43.1	64.7



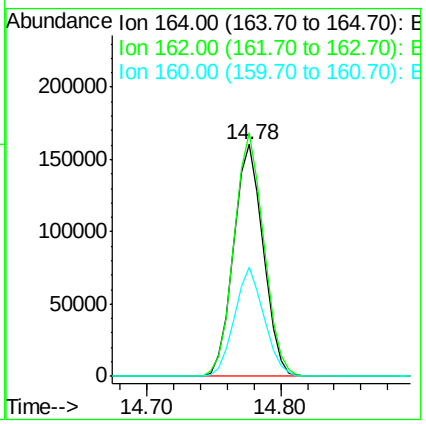


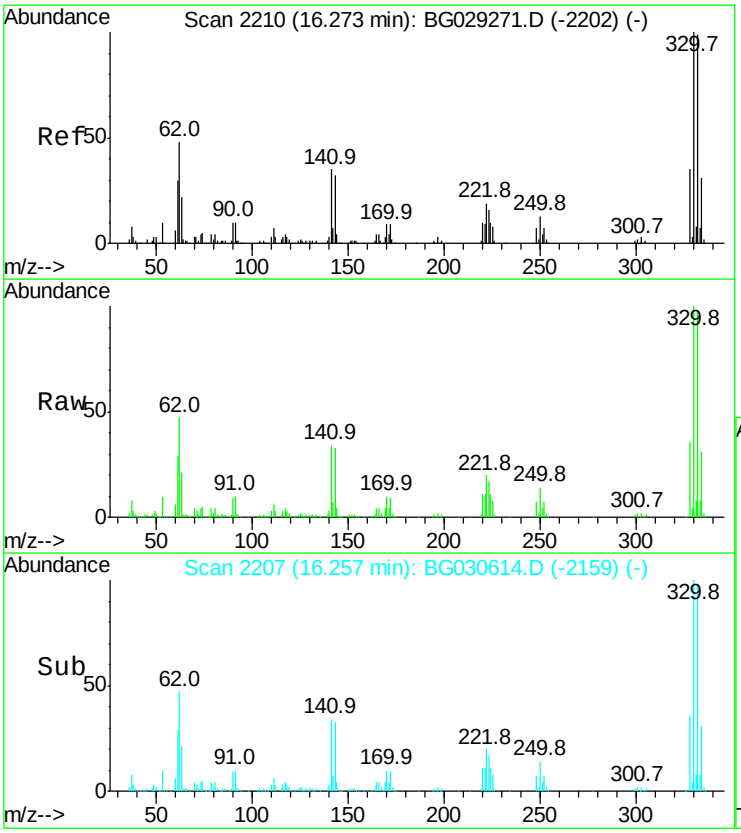
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion:164 Resp: 247312

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	47.0	35.4	53.0

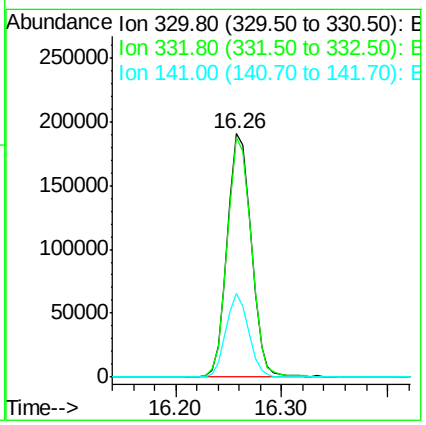


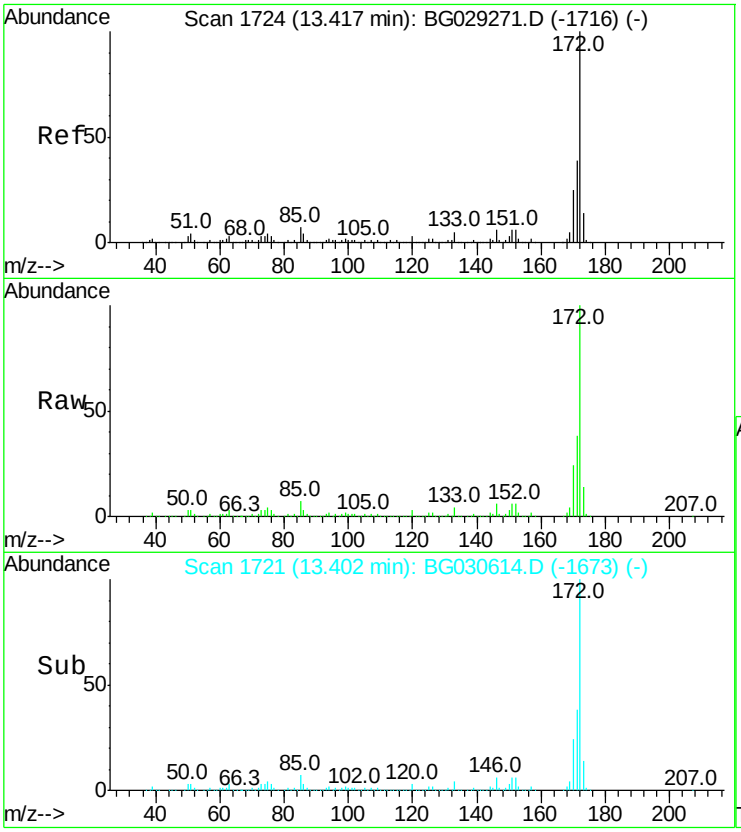


#41
2,4,6-Tribromophenol
Concen: 93.730 ng
RT: 16.26 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:330 Resp: 299284

Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.0	115.6
141	32.5	25.2	37.8



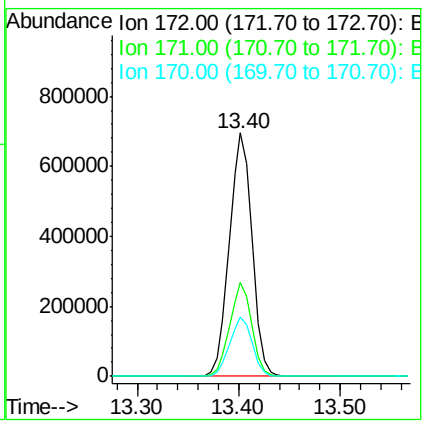


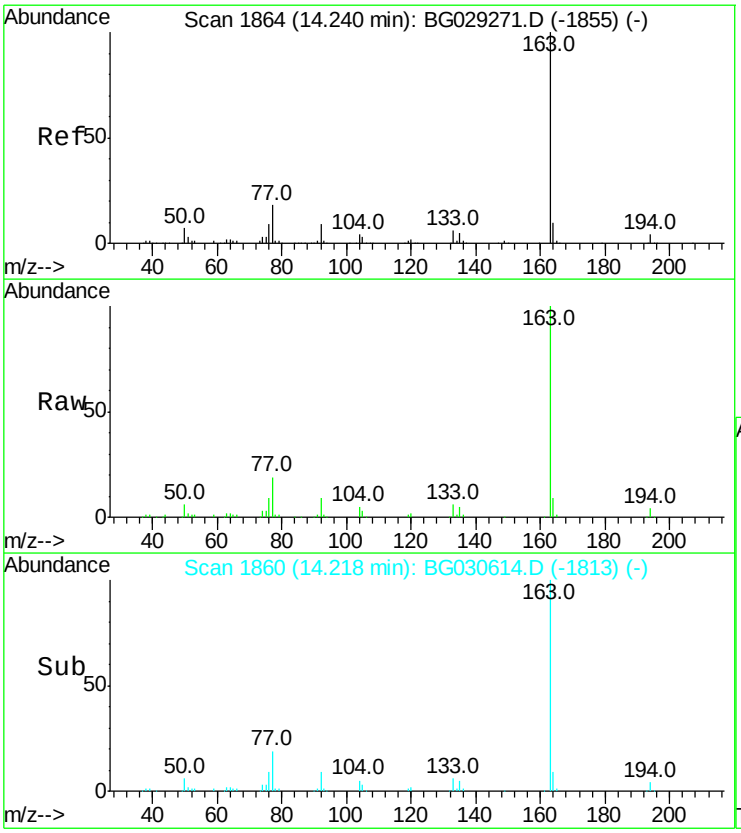
#44
2-Fluorobiphenyl
Concen: 63.736 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion:172 Resp: 1074732

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.5	19.5	29.3

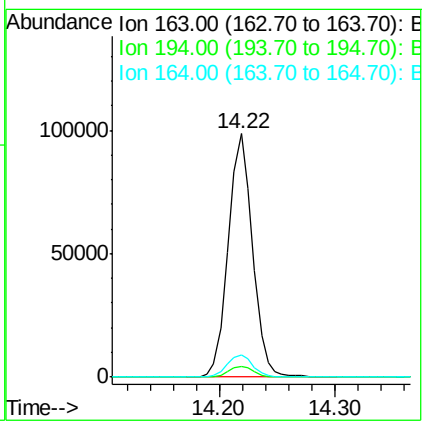


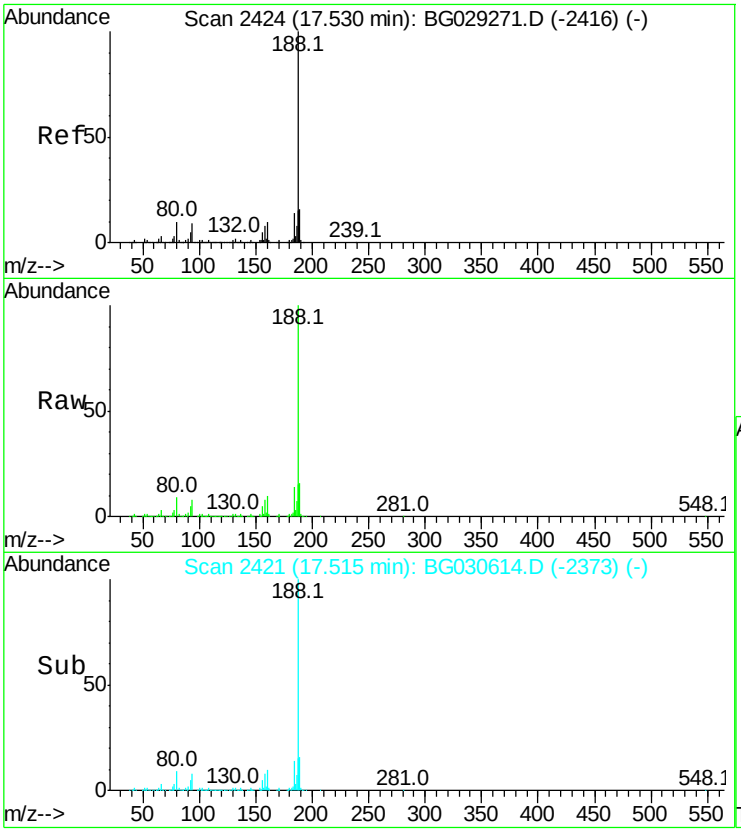


#49
Dimethylphthalate
Concen: 7.462 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:163 Resp: 143995

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.4	8.2	12.4



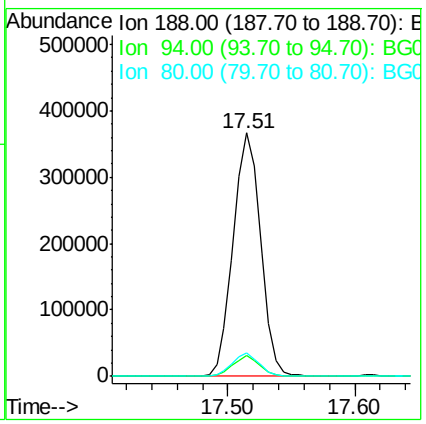


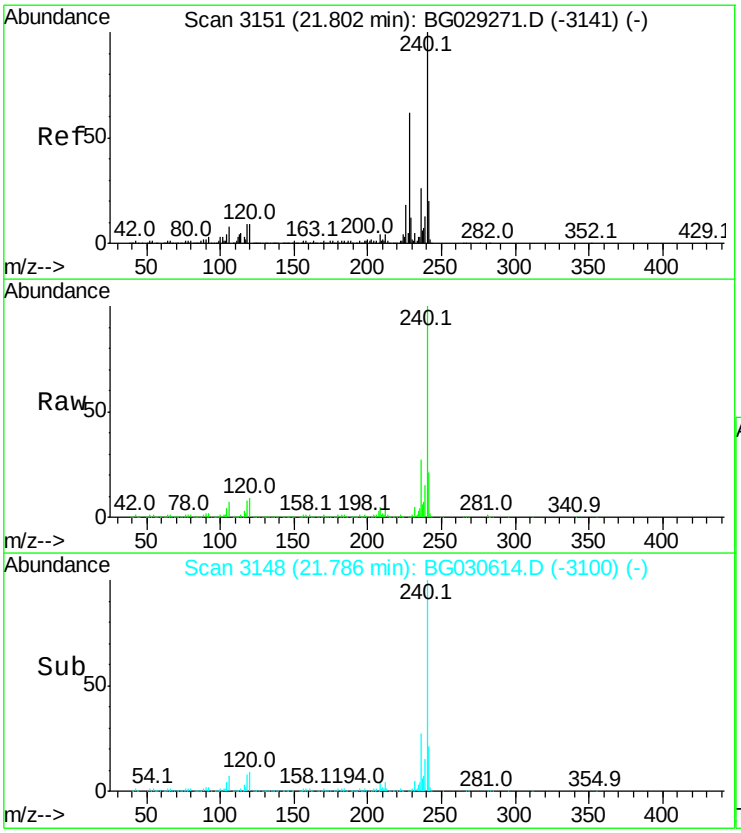
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion:188 Resp: 547734

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.5	7.7	11.5

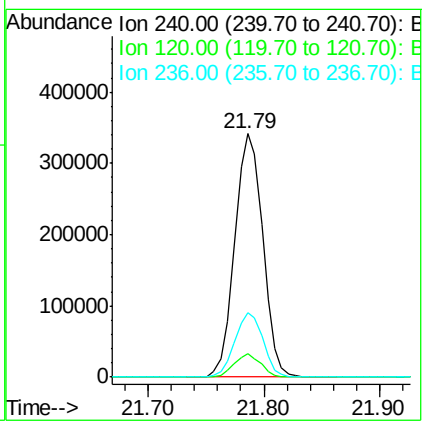


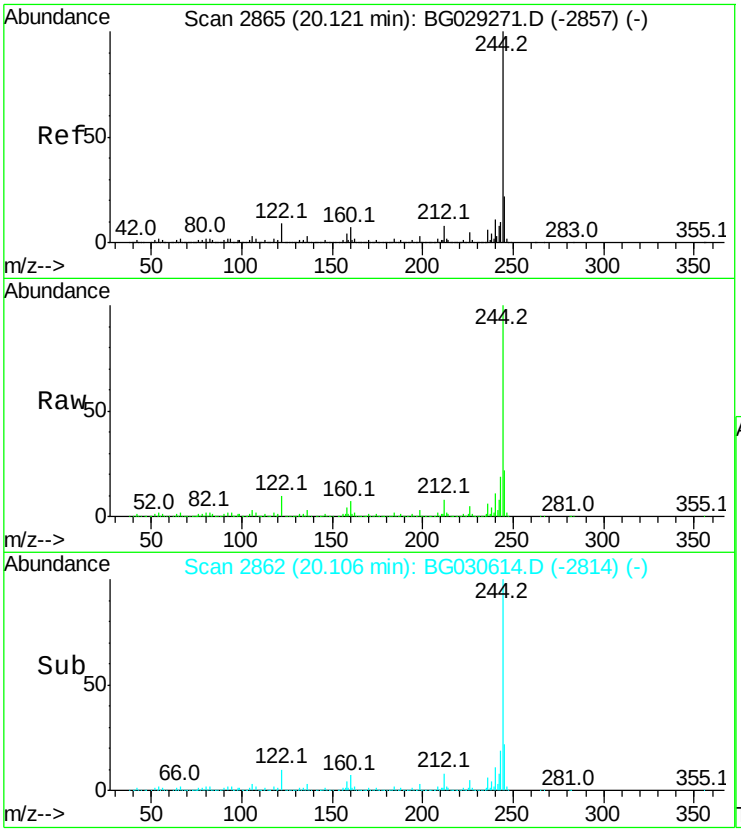


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:240 Resp: 573630

Ion	Ratio	Lower	Upper
240	100		
120	9.4	6.8	10.2
236	26.7	20.9	31.3



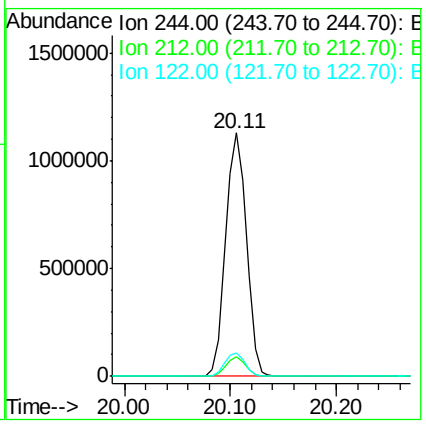


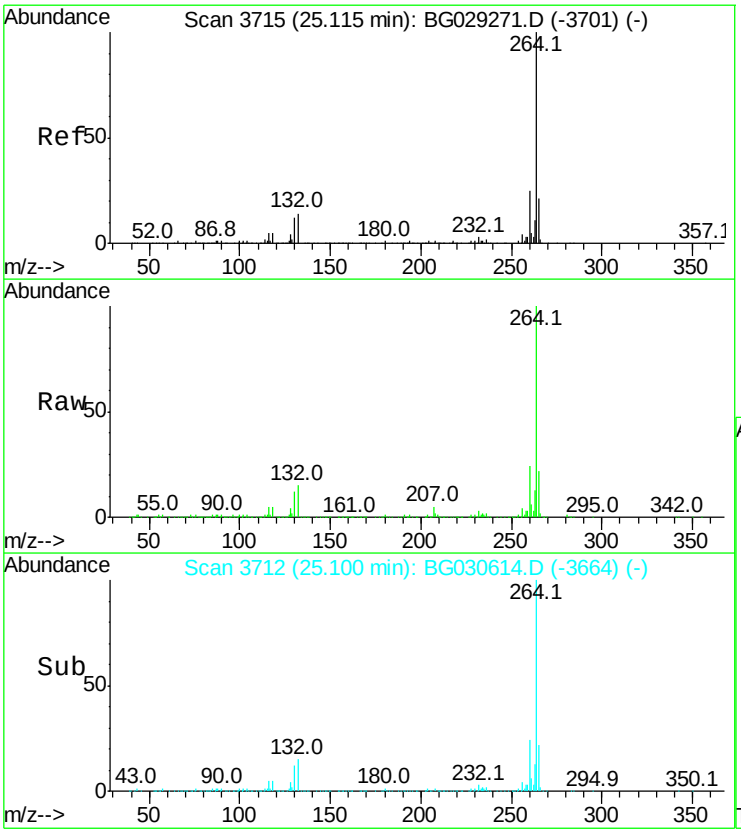
#78
Terphenyl-d14
Concen: 60.463 ng
RT: 20.11 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Instrument :
BNA_G
ClientSampleId :
SW-01(17.5-19.5)

Tgt Ion:244 Resp: 1524583

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	9.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG030614.D
Acq: 31 Oct 2017 16:12

Tgt Ion:264 Resp: 578059

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.9	17.7	26.5