Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG111117\
Data File : BG030946.D
Acq On : 11 Nov 2017 16:30
Operator : SJ/JU
Sample : I6389-17
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 3N-19

Quant Time: Nov 13 04:21:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38490	20.00	ng	0.00
21) Naphthalene-d8	10.96	136	167984	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	119828	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	331217	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	428331	20.00	ng	0.00
86) Perylene-d12	25.07	264	453698	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	215145	95.85	ng	0.00
7) Phenol-d6	7.30	99	276924	91.58	ng	0.00
23) Nitrobenzene-d5	9.31	82	161068	56.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	150587	77.69	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	501269	60.11	ng	-0.01
78) Terphenyl-d14	20.09	244	1017208	52.44	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.33	94	11630	3.703	ng	87
49) Dimethylphthalate	14.21	163	47724	4.606	ng	97

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

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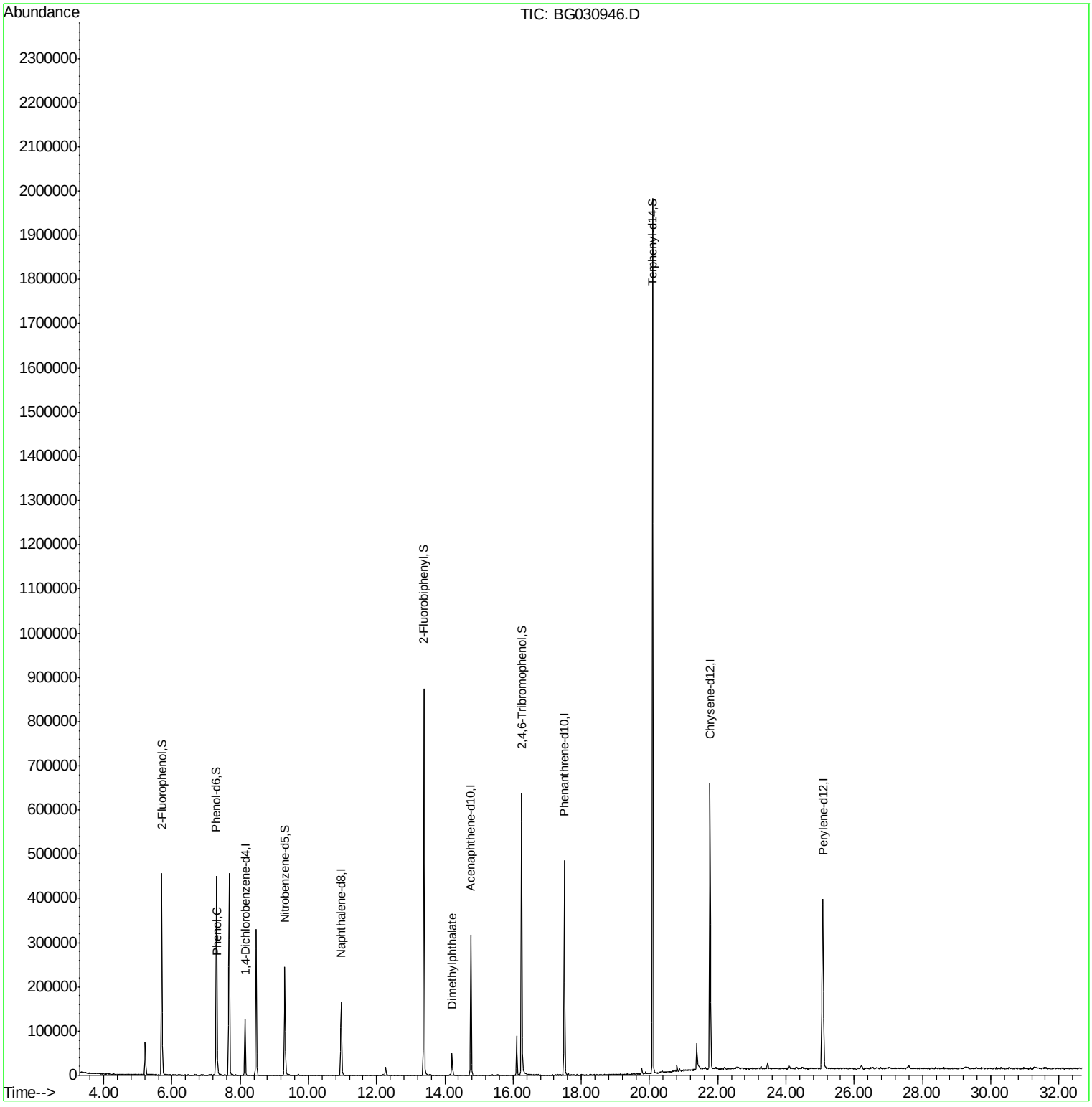
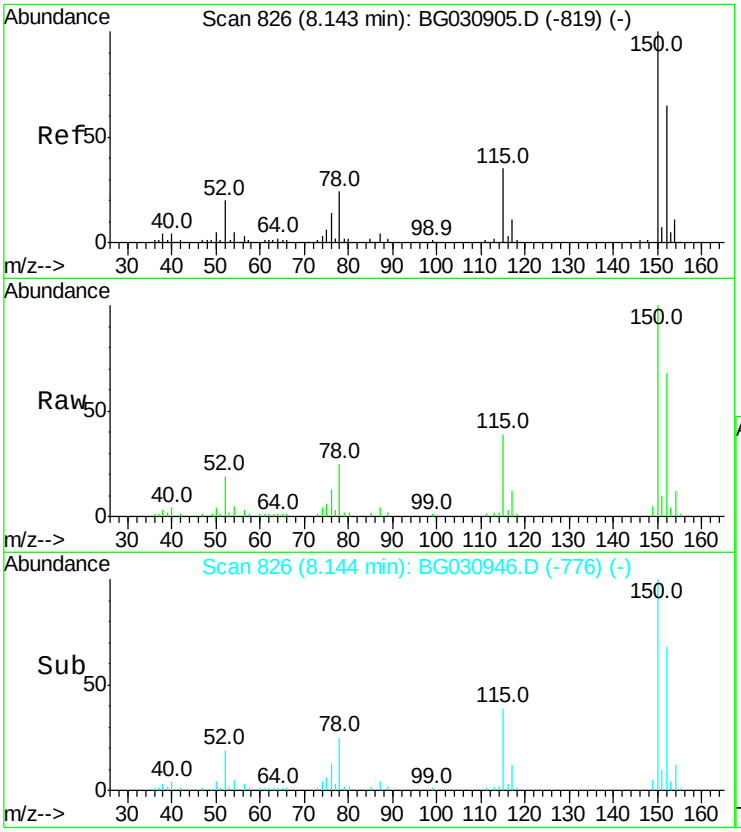


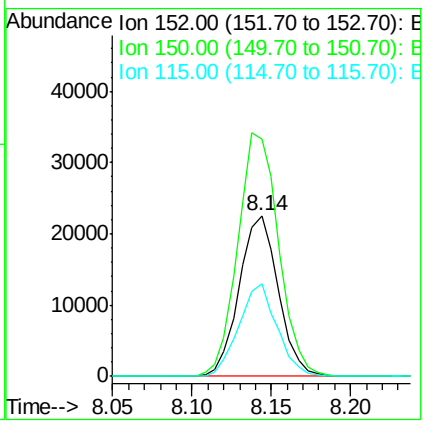


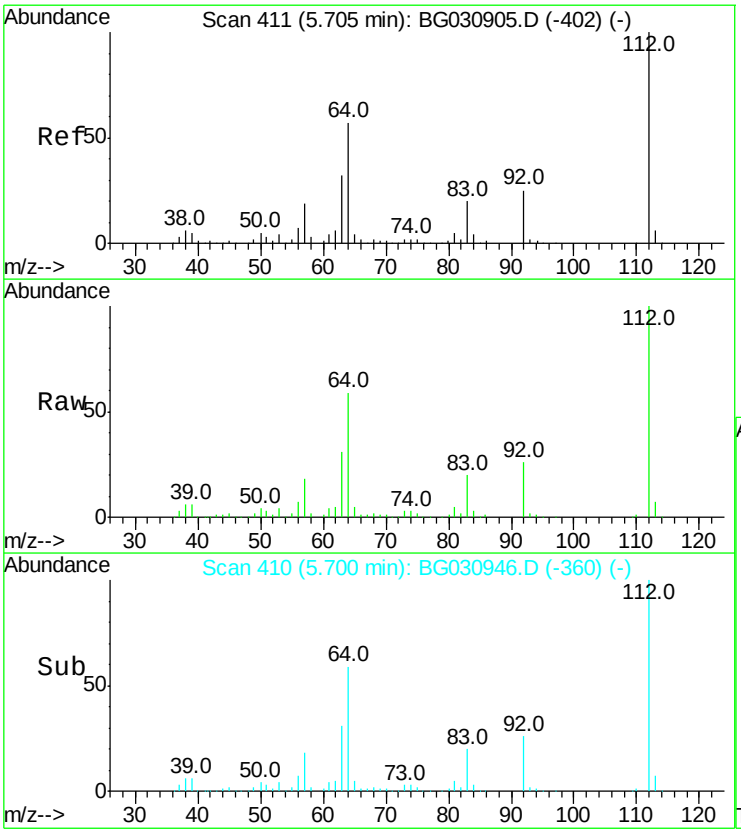
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion:152 Resp: 38490

Ion	Ratio	Lower	Upper
152	100		
150	147.9	126.6	189.8
115	58.0	53.0	79.4

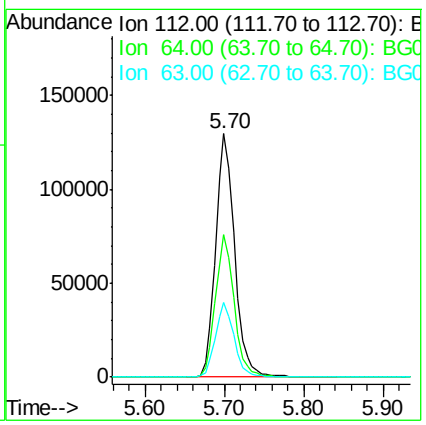


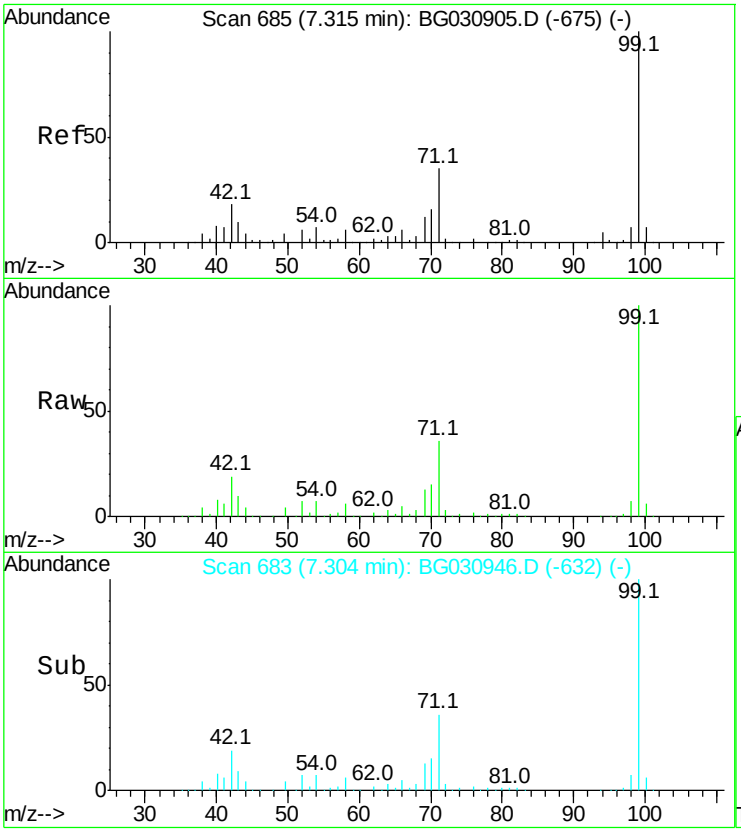


#5
2-Fluorophenol
Concen: 95.849 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion:112 Resp: 215145

Ion	Ratio	Lower	Upper
112	100		
64	58.6	56.3	84.5
63	30.9	30.1	45.1



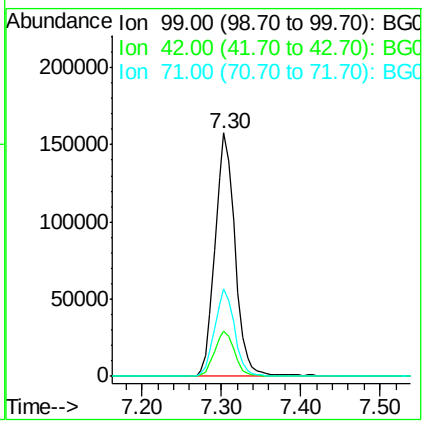


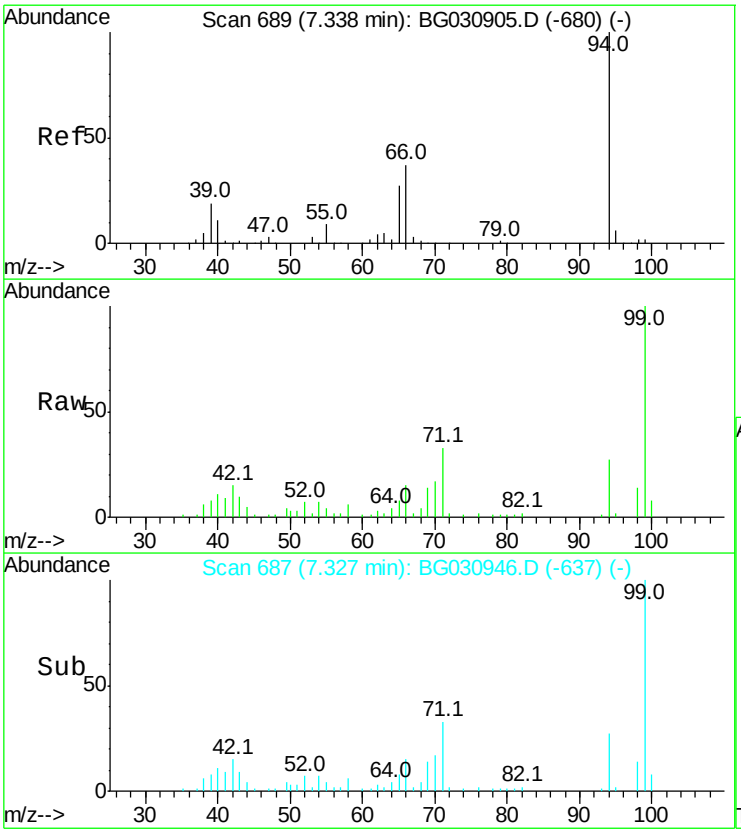
#7
Phenol-d6
Concen: 91.575 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion: 99 Resp: 276924

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.1	21.1
71	36.2	26.1	39.1

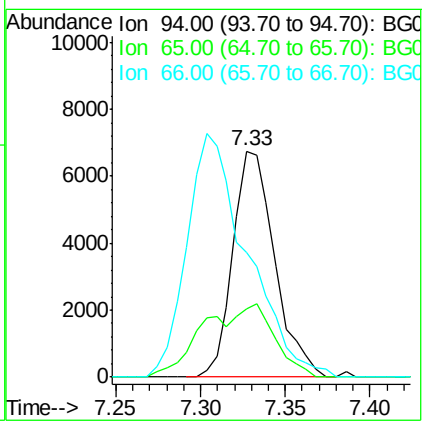


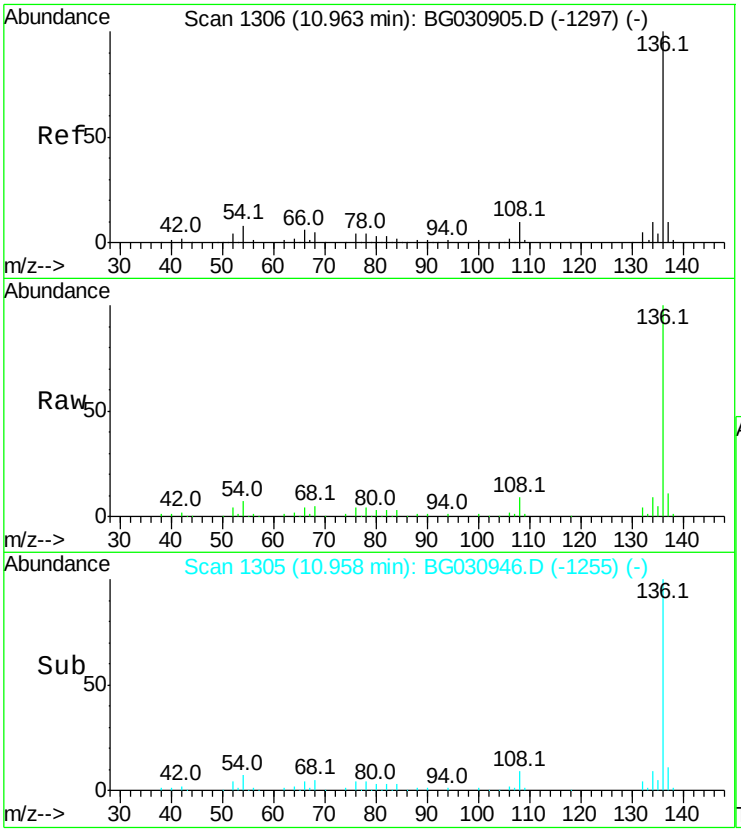


#10
Phenol
Concen: 3.703 ng
RT: 7.33 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion: 94 Resp: 11630

Ion	Ratio	Lower	Upper
94	100		
65	30.5	11.9	51.9
66	55.3	22.2	62.2



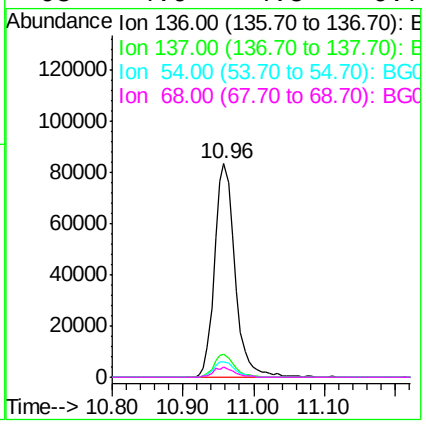


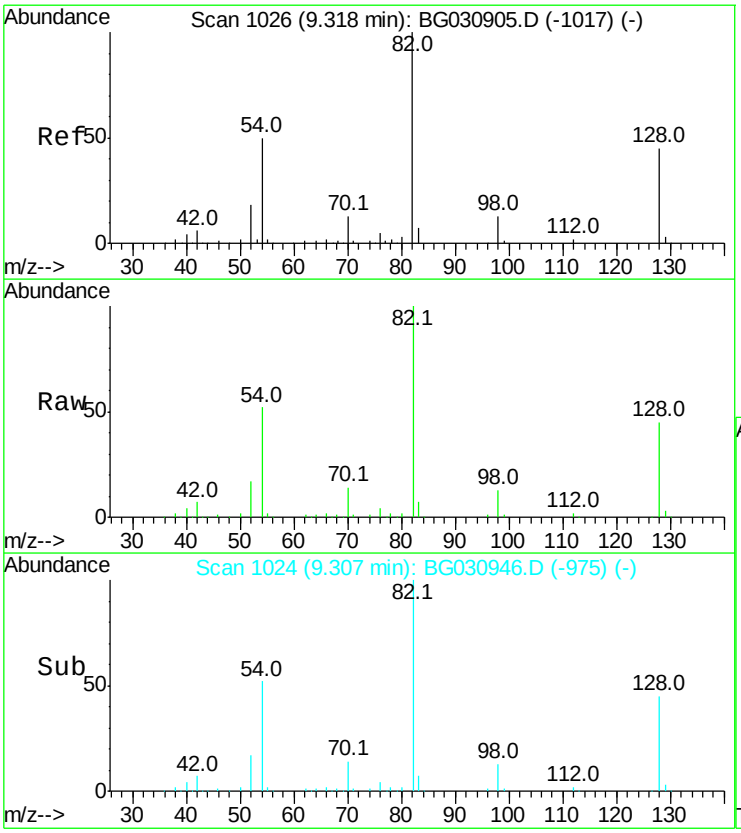
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion:136 Resp: 167984

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	7.2	10.3	15.5#
68	4.9	4.5	6.7

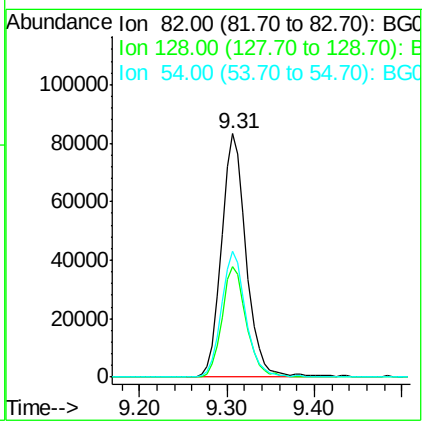


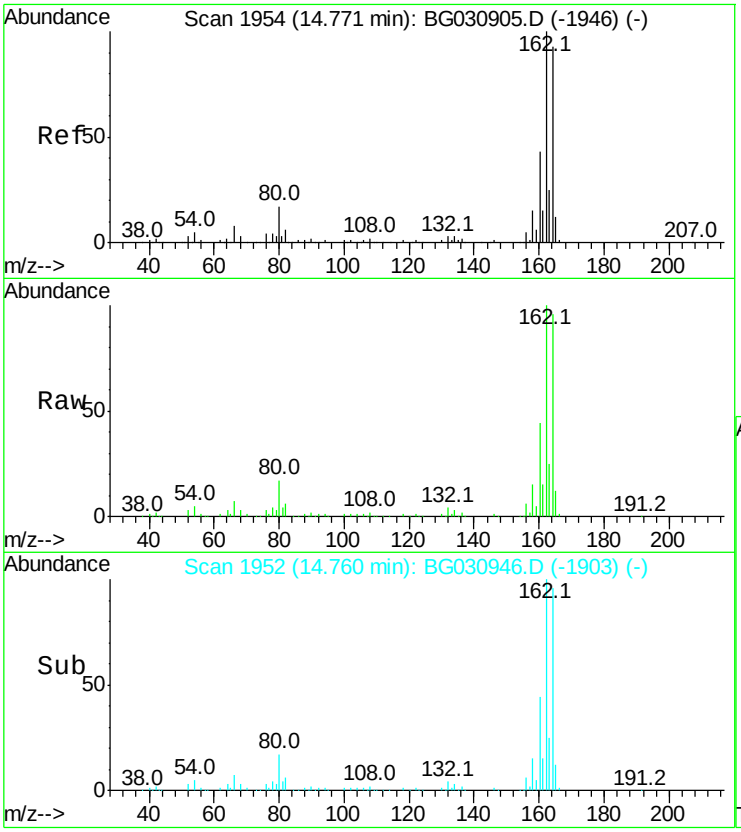


#23
Nitrobenzene-d5
Concen: 56.817 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion: 82 Resp: 161068

Ion	Ratio	Lower	Upper
82	100		
128	45.2	29.7	44.5#
54	51.6	43.1	64.7



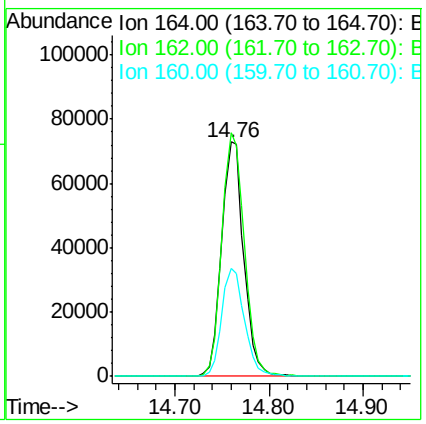


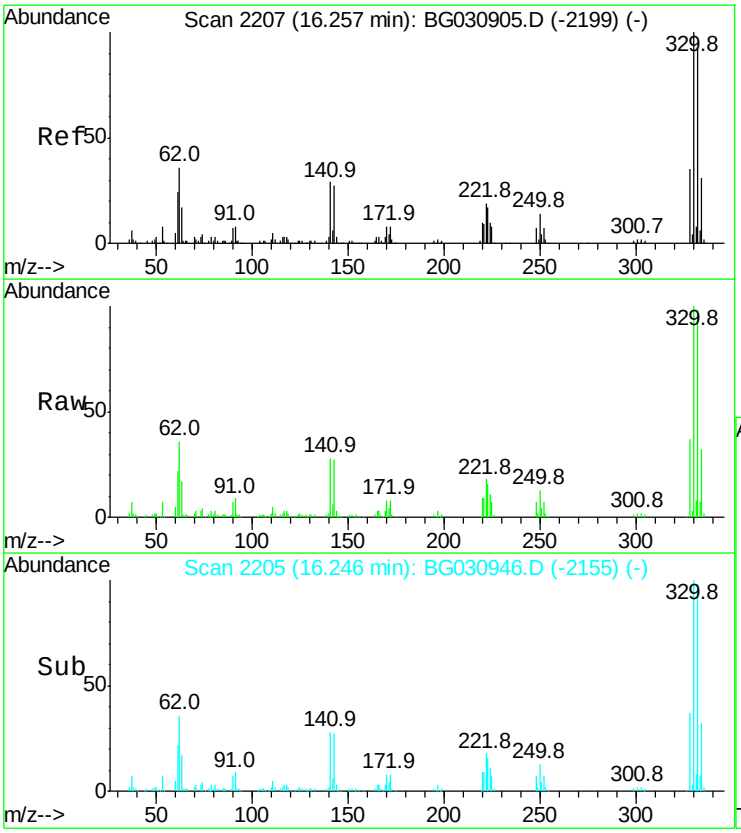
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion:164 Resp: 119828

Ion	Ratio	Lower	Upper
164	100		
162	103.8	78.8	118.2
160	46.1	35.4	53.0

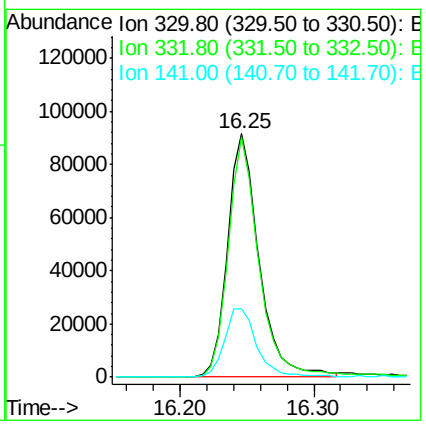


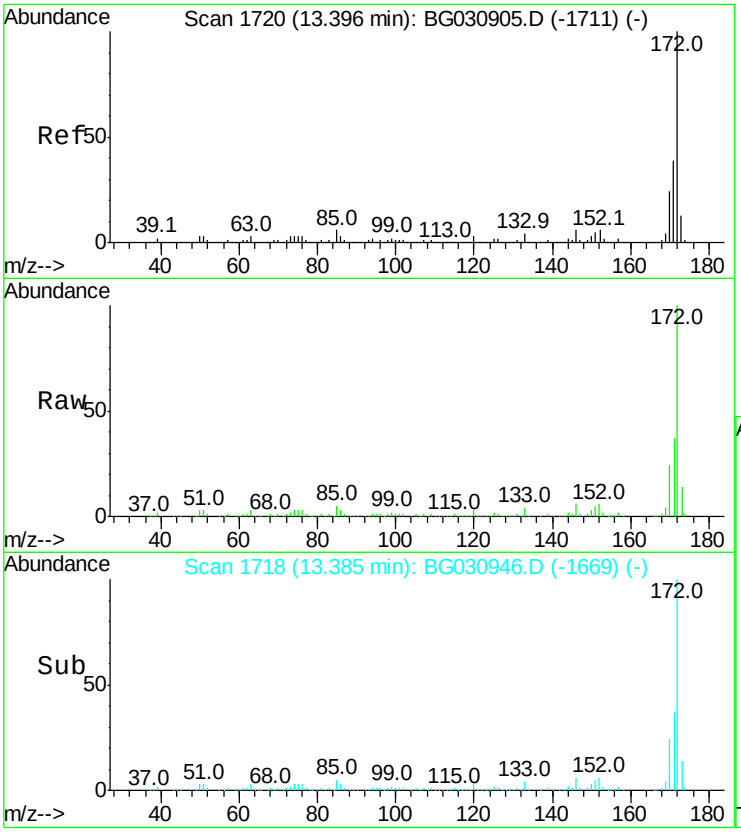


#41
2,4,6-Tribromophenol
Concen: 77.685 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion:330 Resp: 150587

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	29.3	25.2	37.8



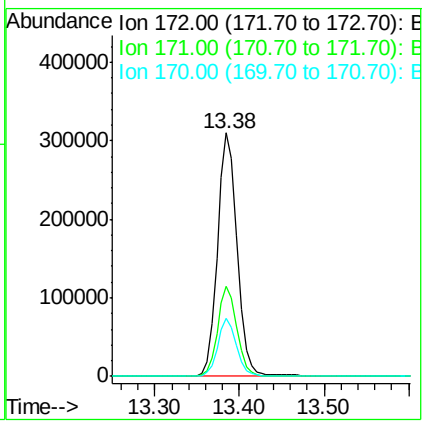


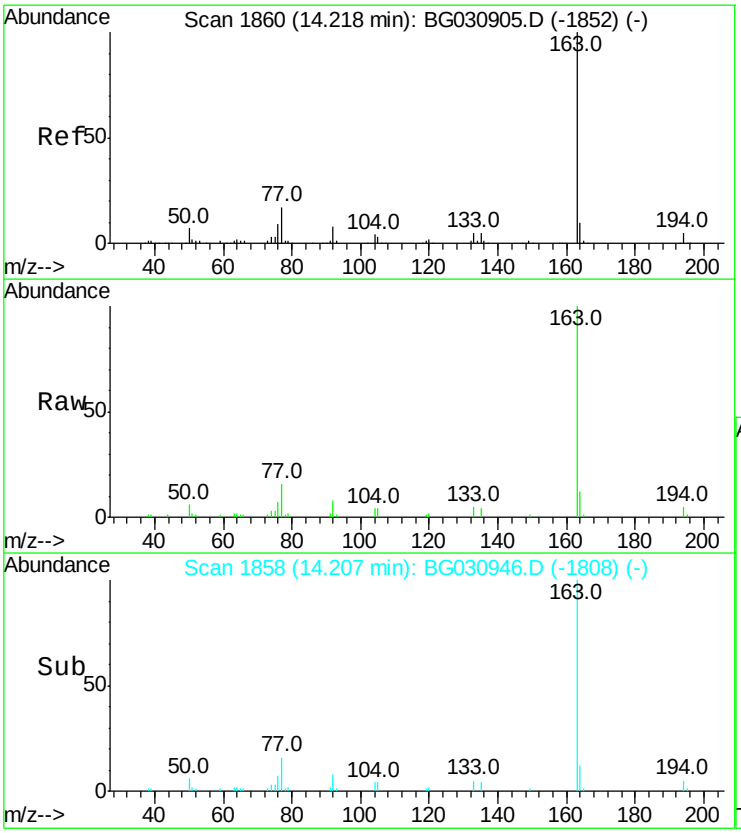
#44
2-Fluorobiphenyl
Concen: 60.109 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion:172 Resp: 501269

Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	23.9	19.5	29.3

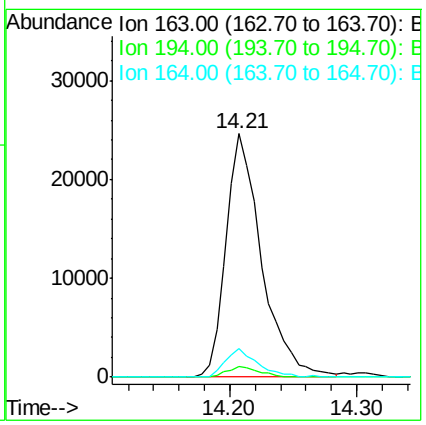


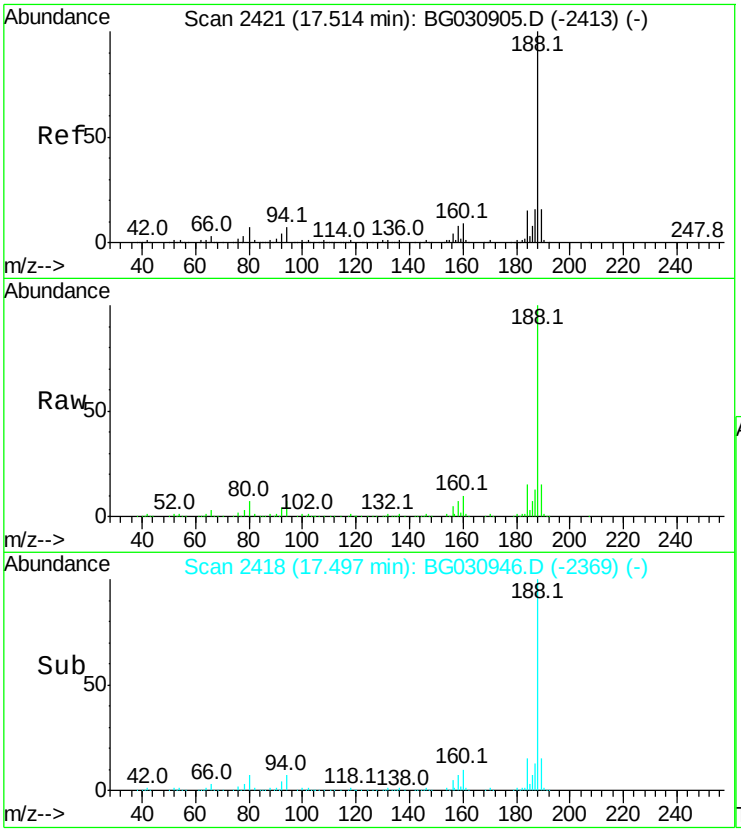


#49
Dimethylphthalate
Concen: 4.606 ng
RT: 14.21 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion:163 Resp: 47724

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	12.0	8.2	12.4



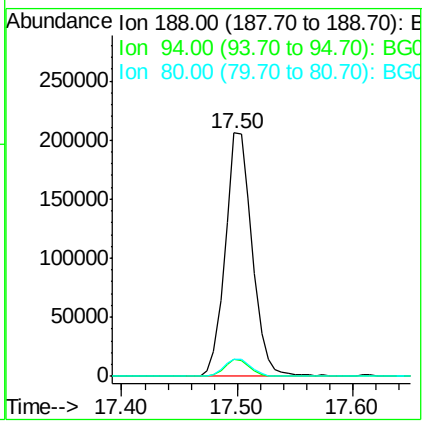


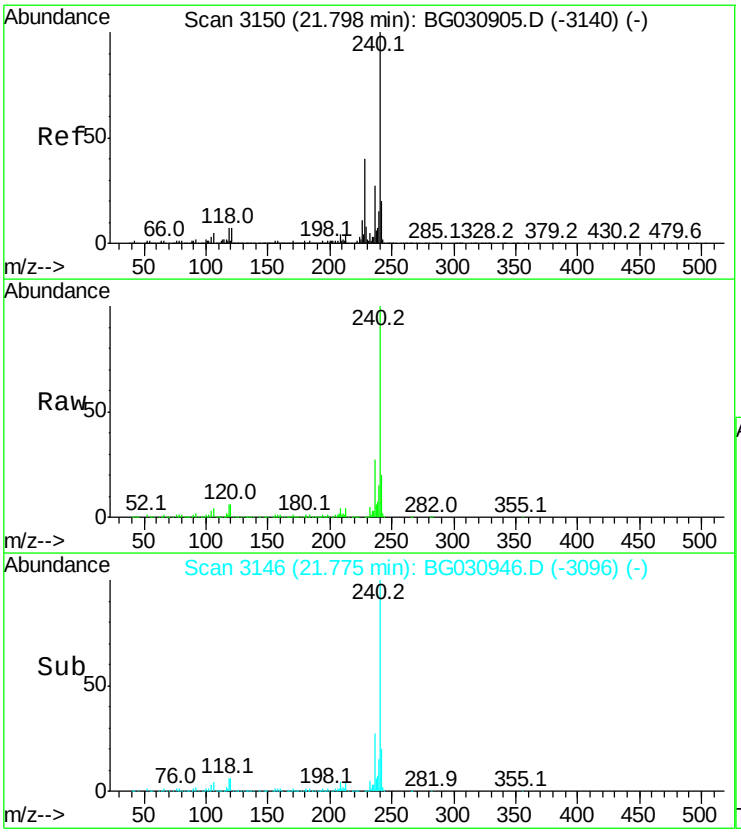
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion:188 Resp: 331217

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.2	7.7	11.5#

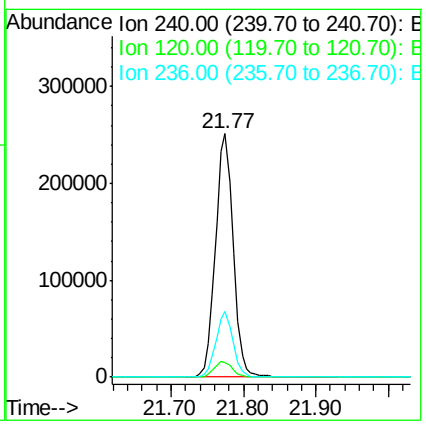


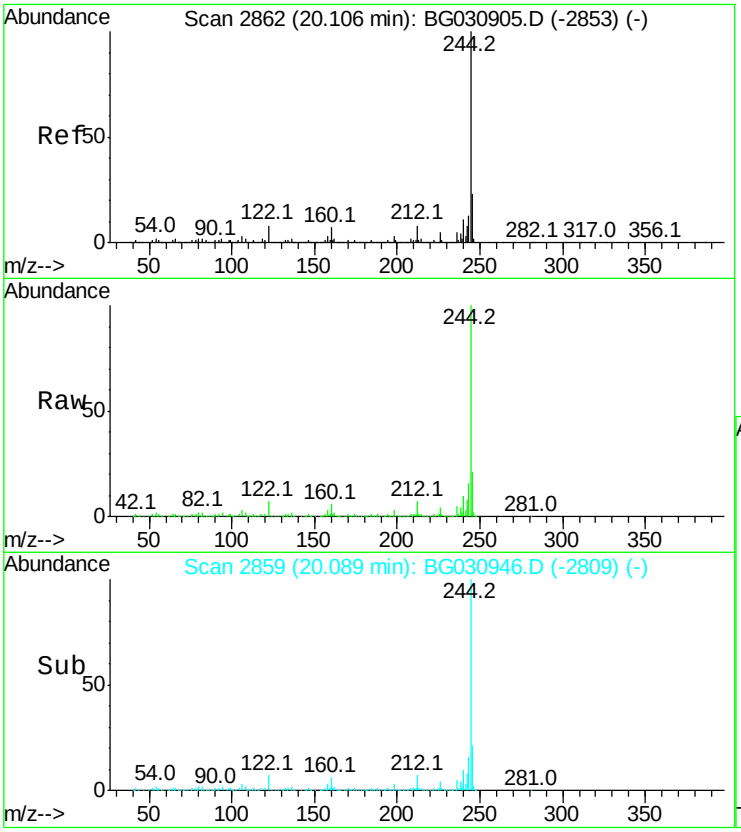


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion:240 Resp: 428331

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.8	20.9	31.3



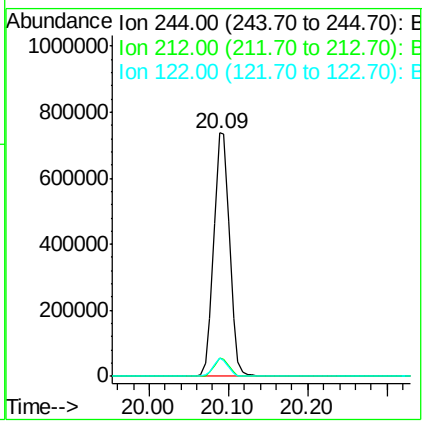


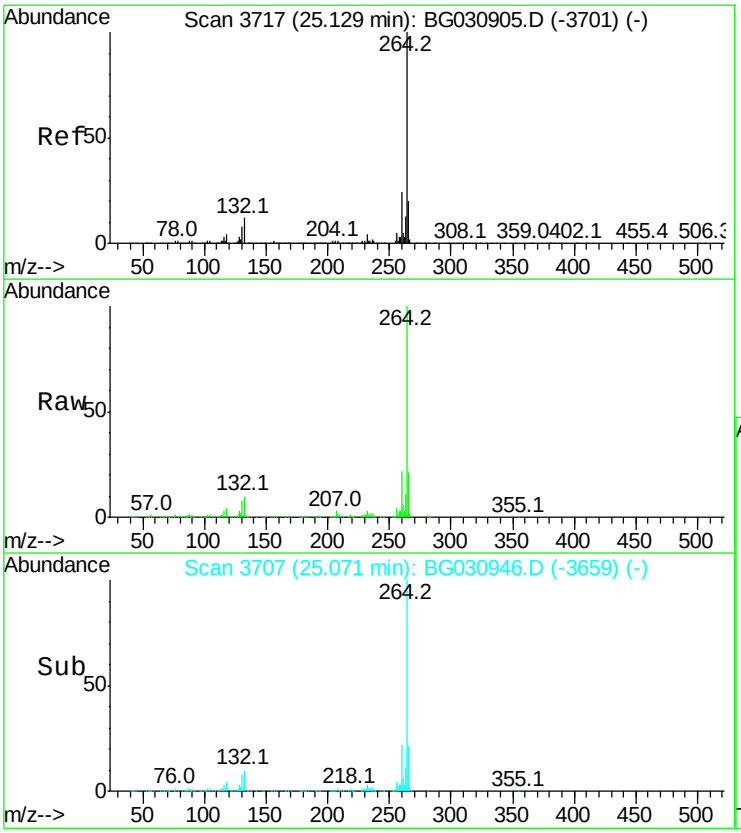
#78
Terphenyl-d14
Concen: 52.438 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Instrument :
BNA_G
ClientSampleId :
3N-19

Tgt Ion:244 Resp: 1017208

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.5	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.02 min
Lab File: BG030946.D
Acq: 11 Nov 2017 16:30

Tgt Ion:264 Resp: 453698

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.6	17.7	26.5