Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112817\
Data File : BG031261.D
Acq On : 28 Nov 2017 21:06
Operator : SJ/JU
Sample : I6610-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-8(10-12)-20171127

Quant Time: Nov 29 06:22:26 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	8.13	152	55476	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	231968	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	152830	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	415069	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	498650	20.00	ng	-0.02
86) Perylene-d12	25.06	264	493650	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	383506	118.54	ng	-0.02
7) Phenol-d6	7.29	99	499389	114.58	ng	-0.01
23) Nitrobenzene-d5	9.30	82	293238	74.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	254921	103.11	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	883139	83.03	ng	-0.02
78) Terphenyl-d14	20.09	244	1753600	77.65	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.32	94	14033	3.100	ng	92
49) Dimethylphthalate	14.20	163	63458	4.802	ng	100

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

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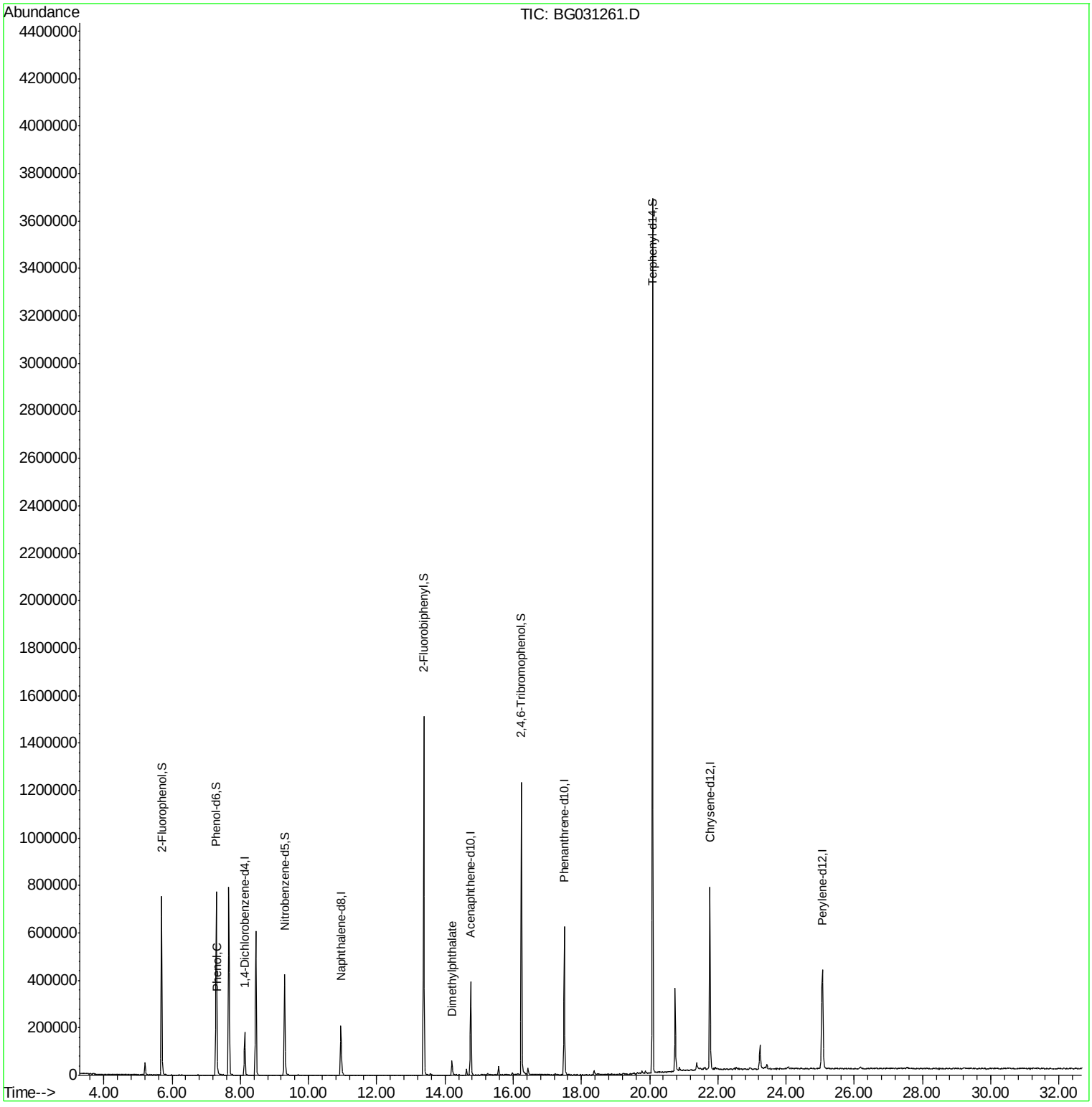
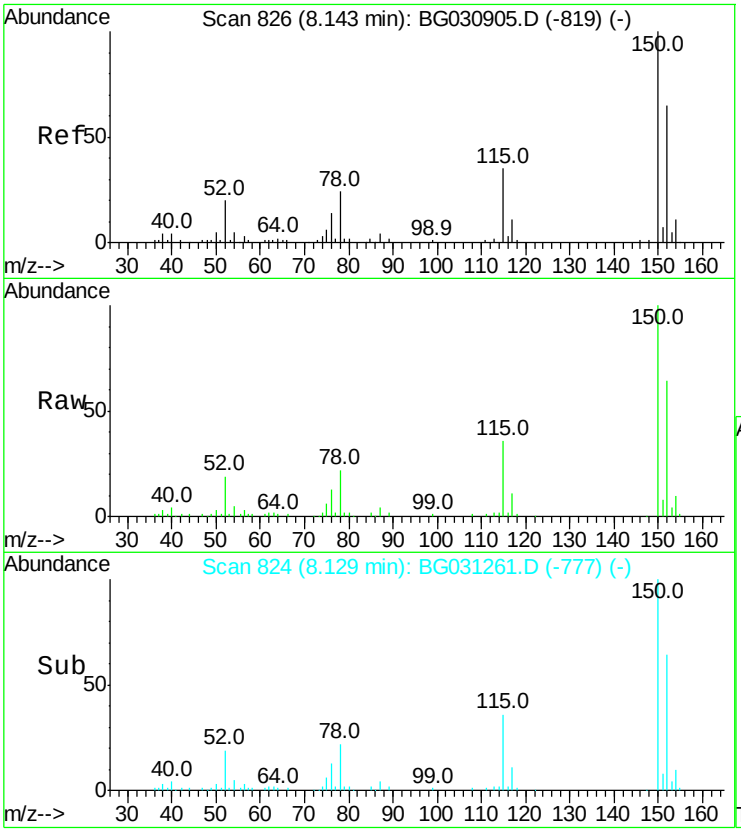


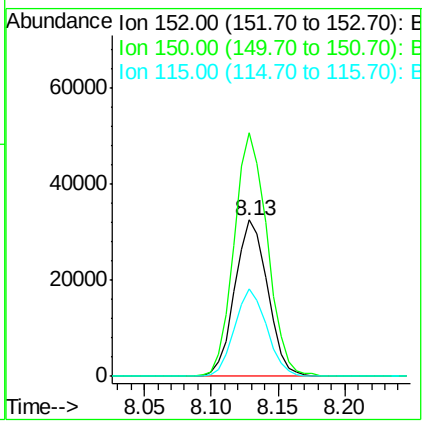


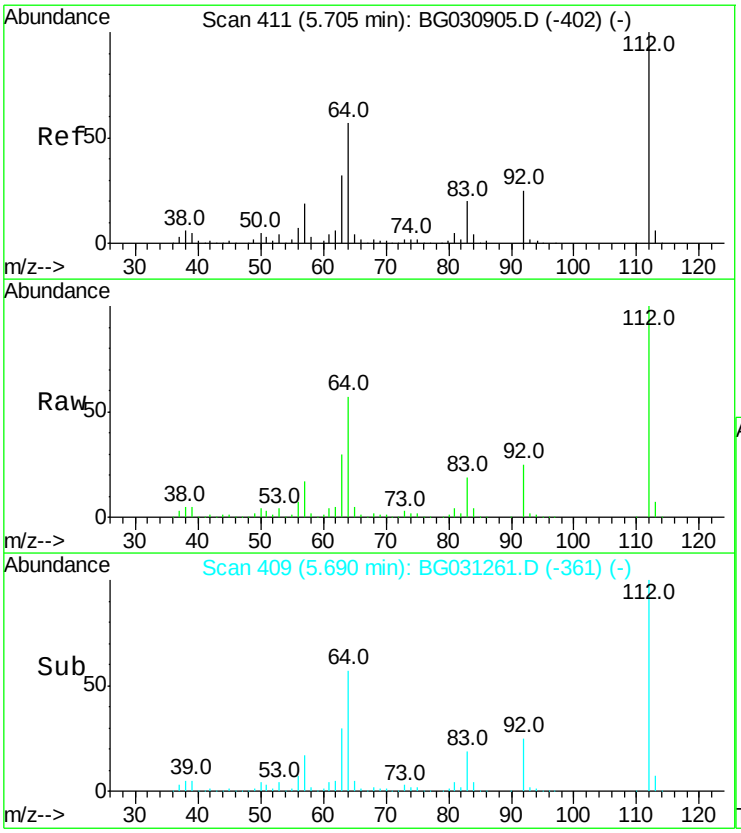
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion:152 Resp: 55476

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	56.2	53.0	79.4

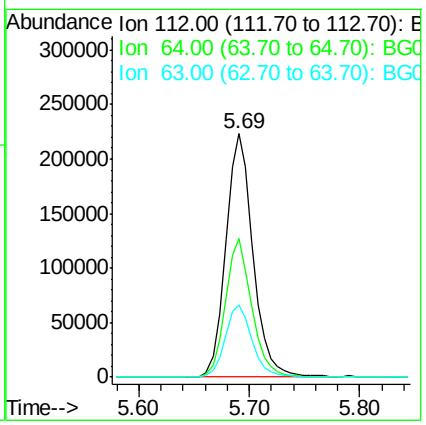


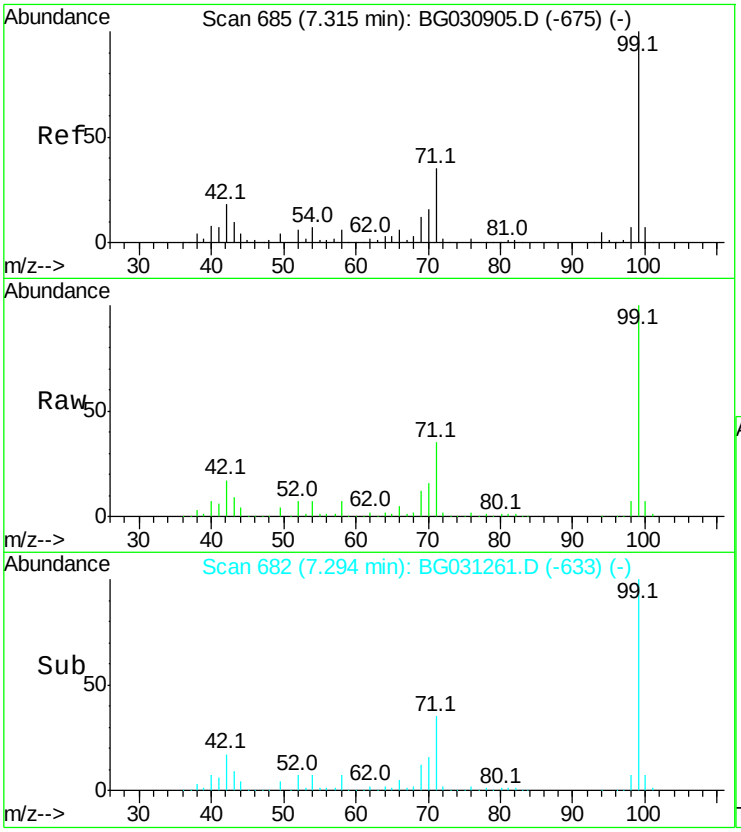


#5
2-Fluorophenol
Concen: 118.541 ng
RT: 5.69 min Scan# 409
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:112 Resp: 383506

Ion	Ratio	Lower	Upper
112	100		
64	56.9	56.3	84.5
63	29.5	30.1	45.1#



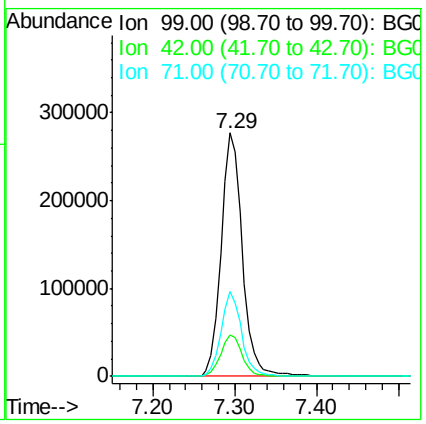


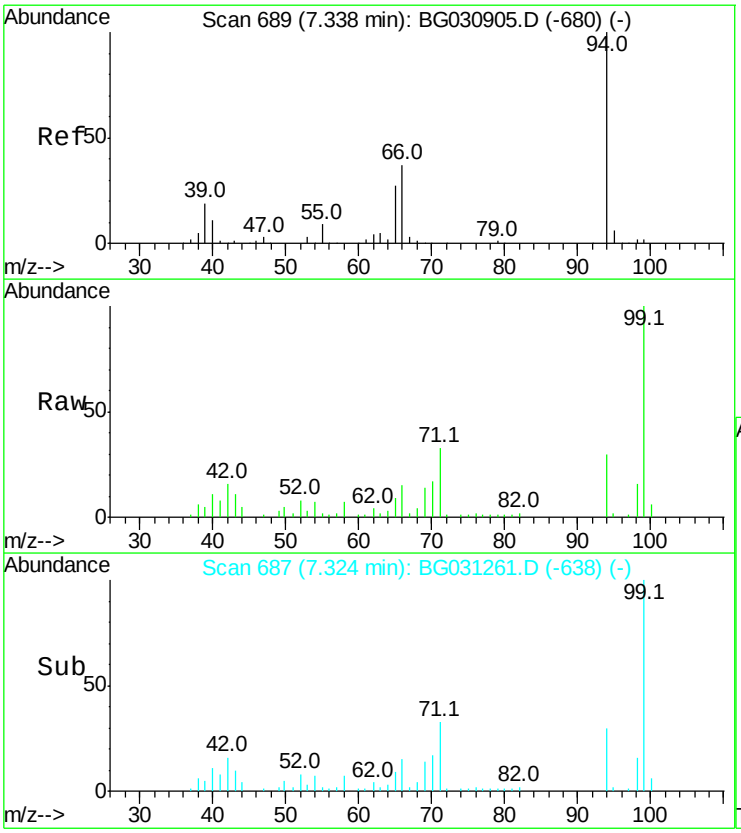
#7
Phenol-d6
Concen: 114.577 ng
RT: 7.29 min Scan# 682
Delta R.T. -0.01 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion: 99 Resp: 499389

Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.1	21.1
71	34.7	26.1	39.1

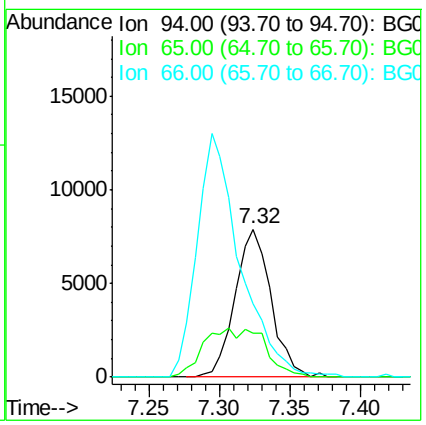


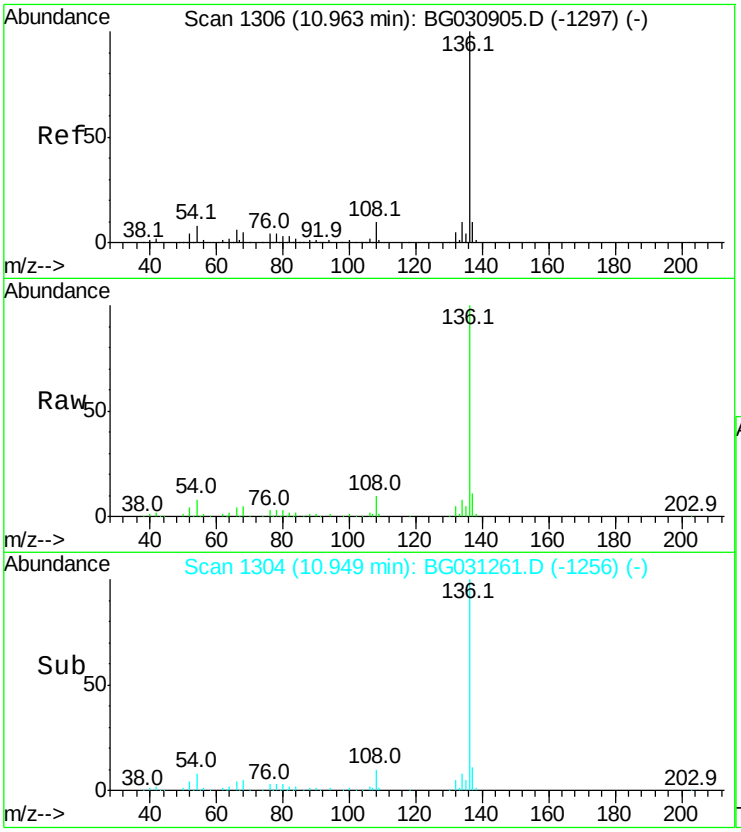


#10
Phenol
Concen: 3.100 ng
RT: 7.32 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion: 94 Resp: 14033

Ion	Ratio	Lower	Upper
94	100		
65	29.8	11.9	51.9
66	49.7	22.2	62.2



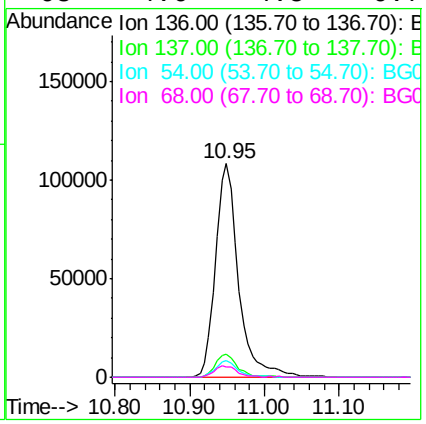


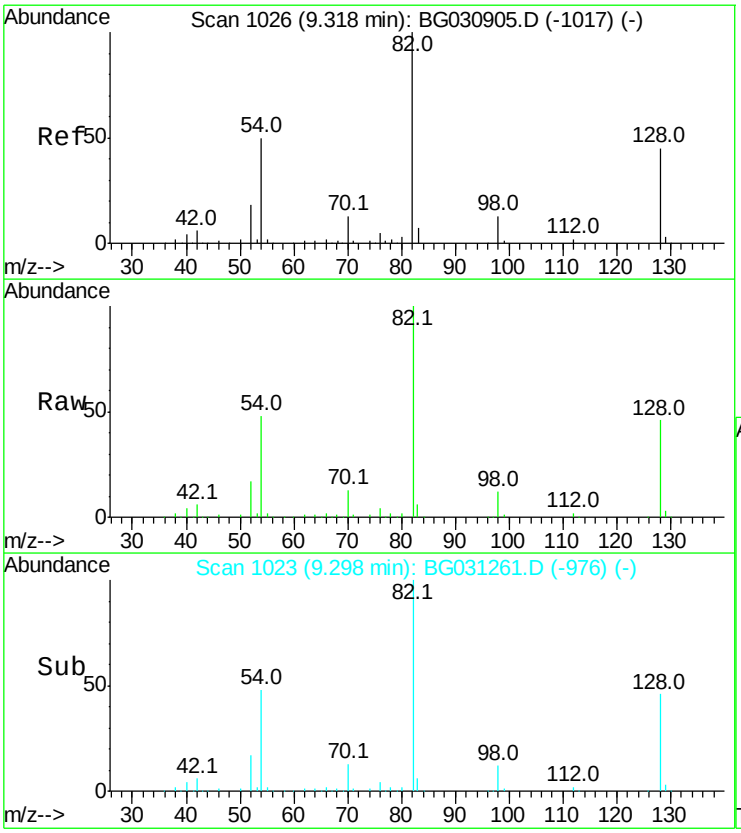
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion:136 Resp: 231968

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	7.7	10.3	15.5#
68	4.6	4.5	6.7

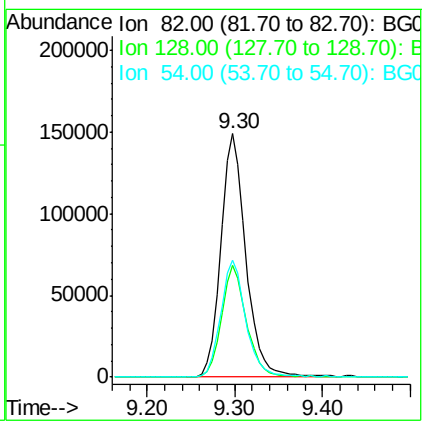


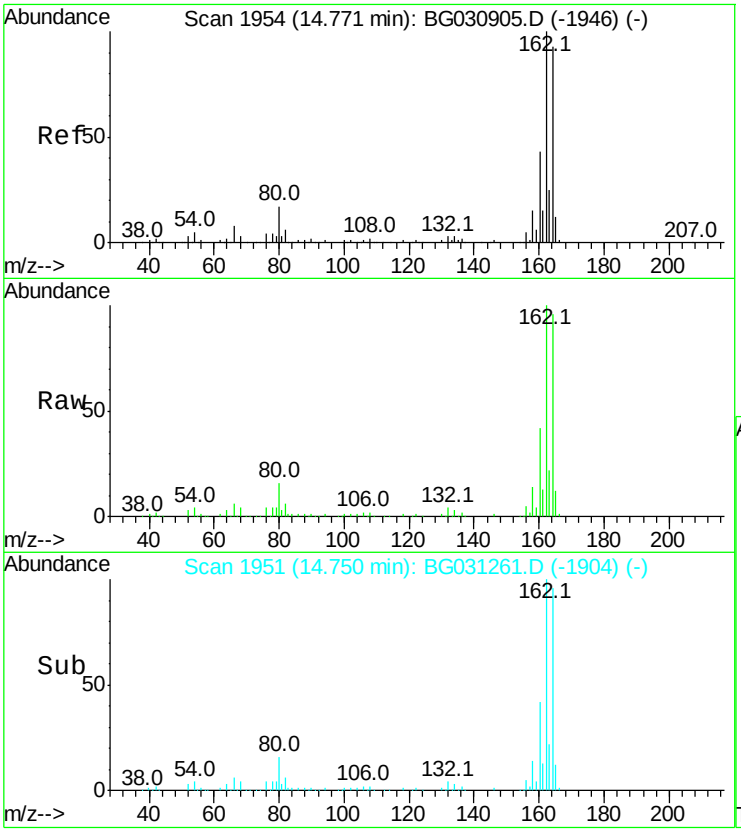


#23
Nitrobenzene-d5
Concen: 74.908 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion: 82 Resp: 293238

Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	48.2	43.1	64.7



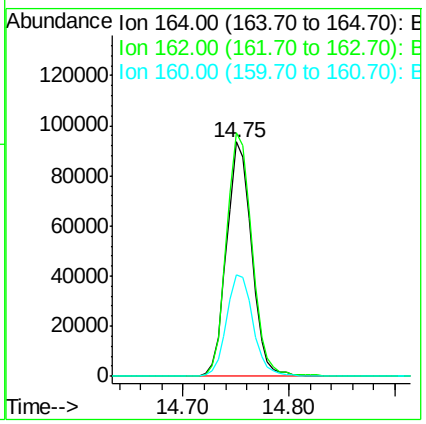


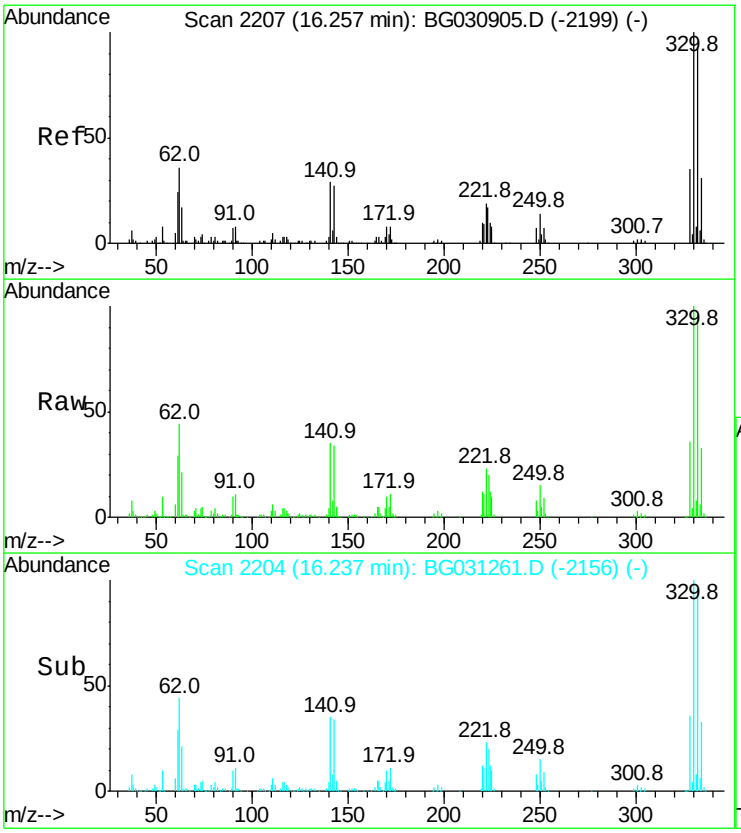
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion:164 Resp: 152830

Ion	Ratio	Lower	Upper
164	100		
162	103.9	78.8	118.2
160	43.3	35.4	53.0

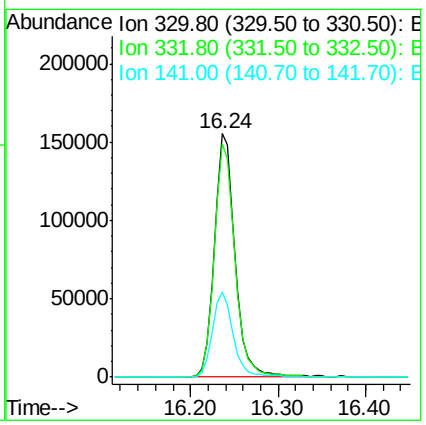


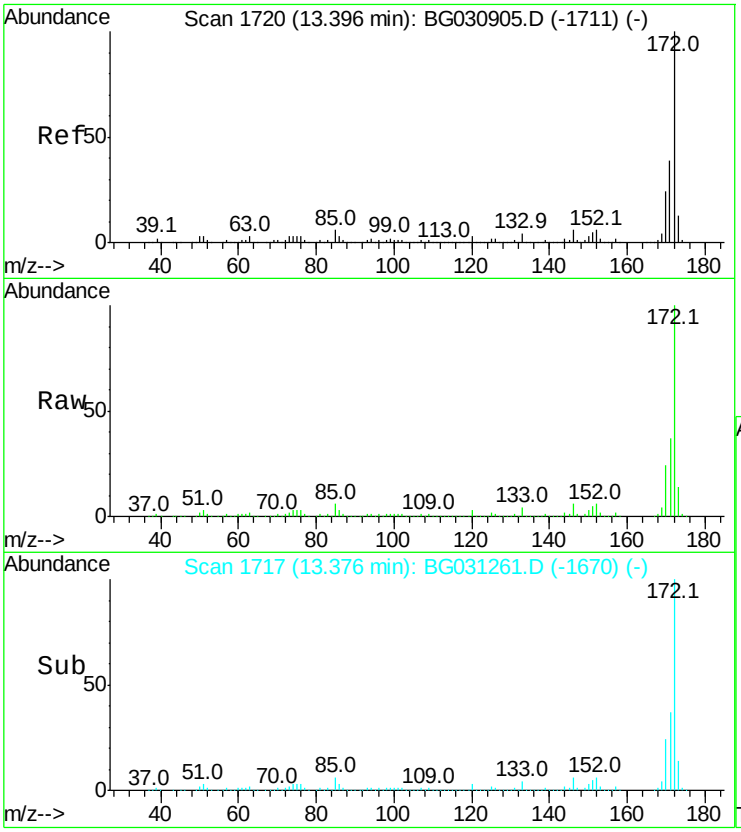


#41
2,4,6-Tribromophenol
Concen: 103.111 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:330 Resp: 254921

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	35.3	25.2	37.8



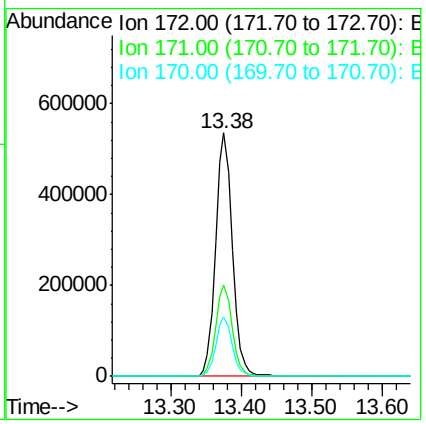


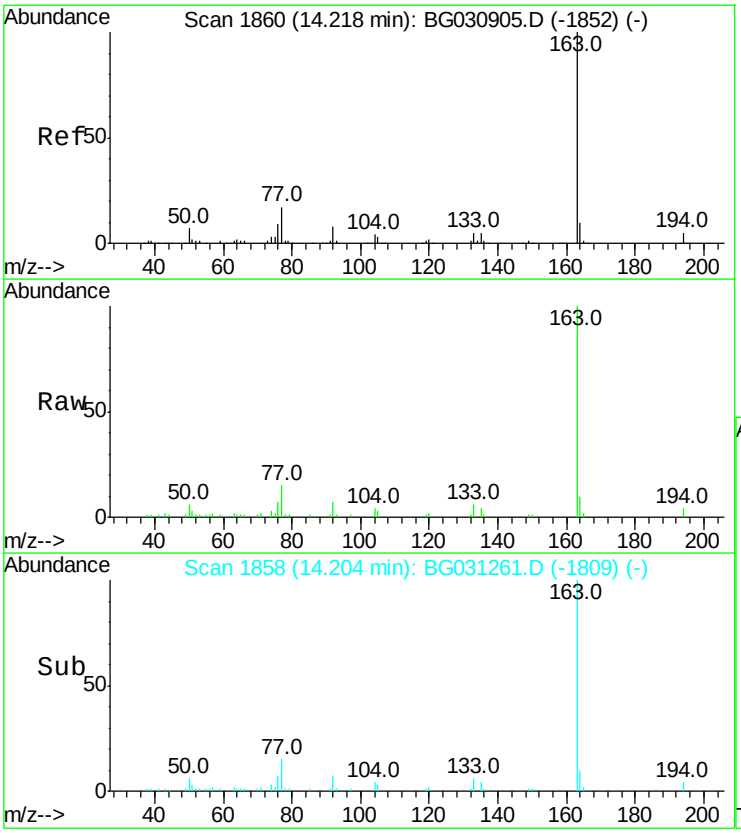
#44
2-Fluorobiphenyl
Concen: 83.032 ng
RT: 13.38 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion:172 Resp: 883139

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.4	19.5	29.3

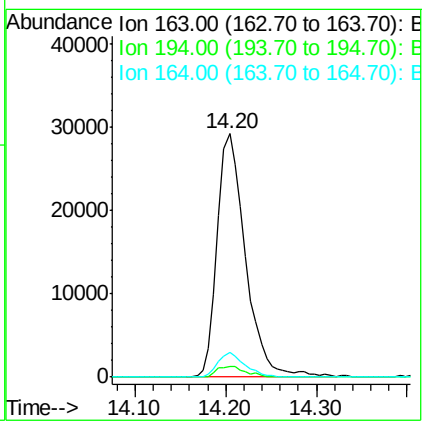


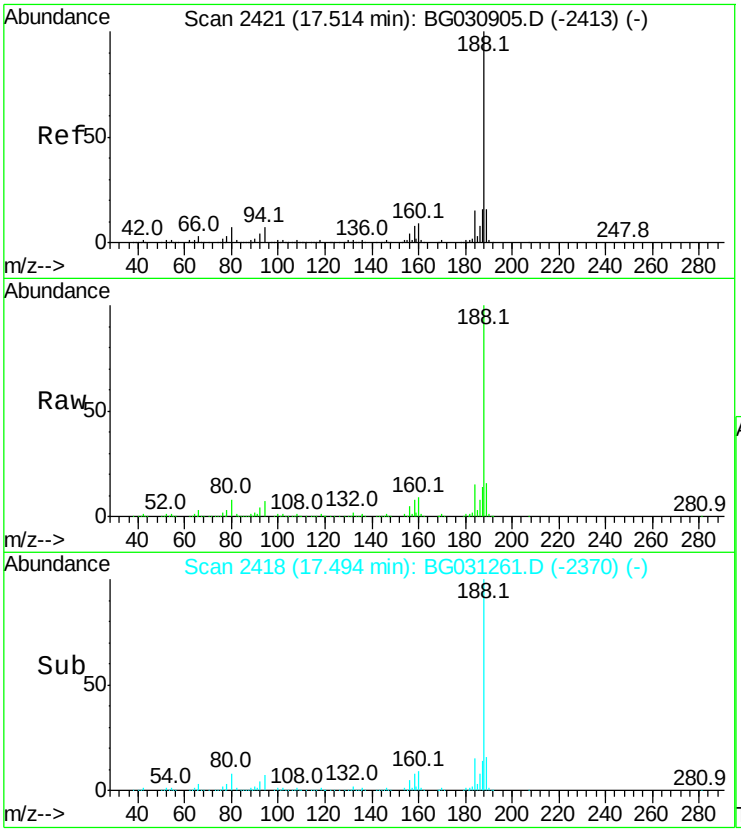


#49
Dimethylphthalate
Concen: 4.802 ng
RT: 14.20 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:163 Resp: 63458

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.4



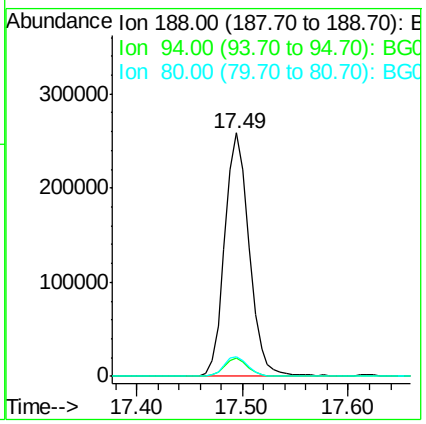


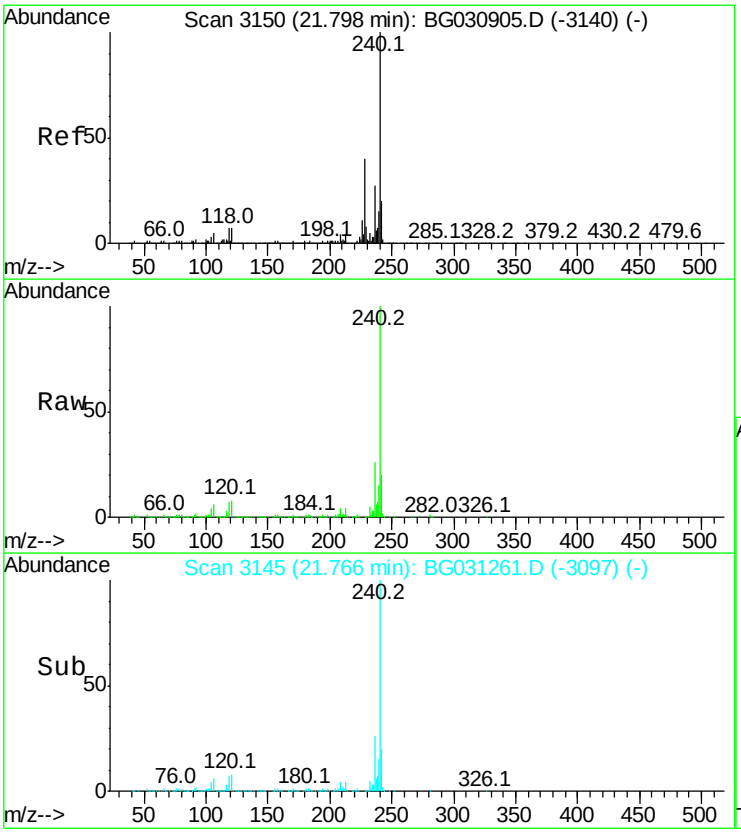
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion:188 Resp: 415069

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.0	7.7	11.5

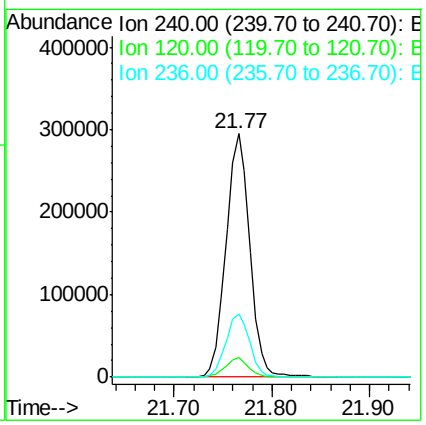


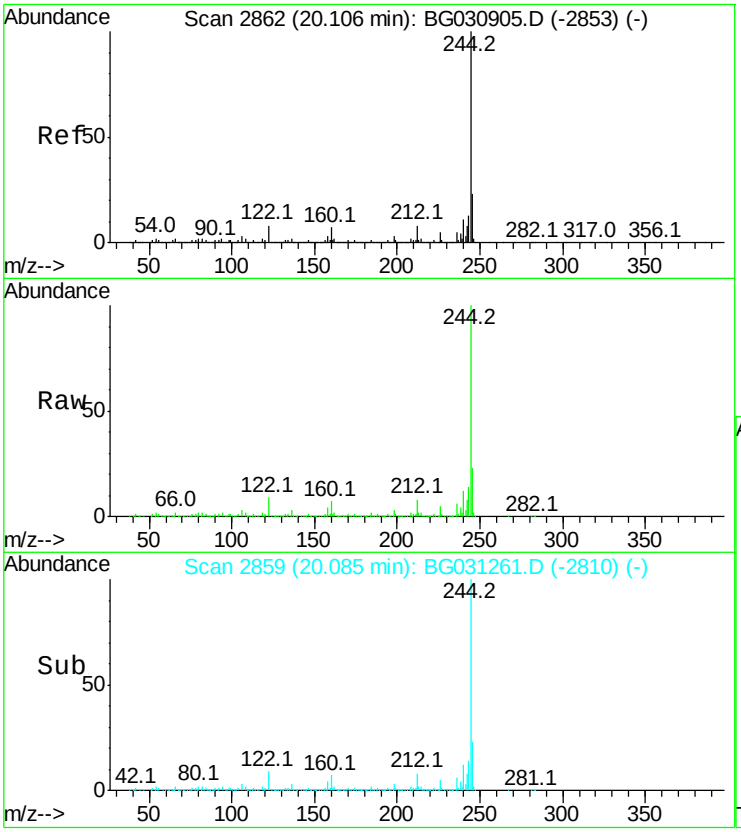


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:240 Resp: 498650

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	26.1	20.9	31.3



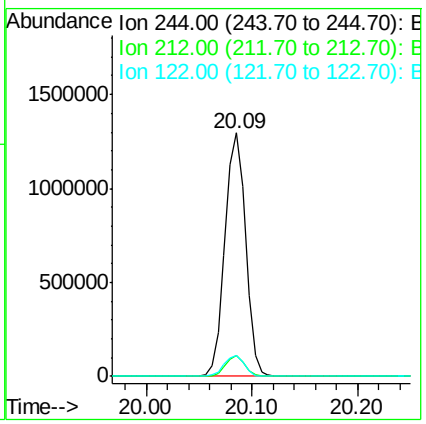


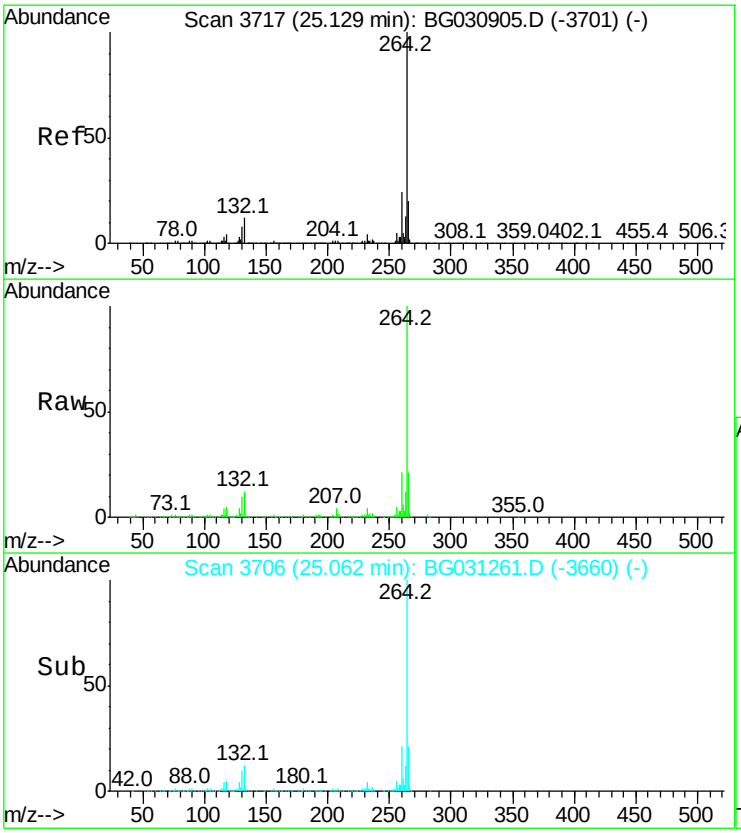
#78
Terphenyl-d14
Concen: 77.652 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Instrument :
BNA_G
ClientSampleId :
SB-8(10-12)-20171127

Tgt Ion:244 Resp: 1753600

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	8.7	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031261.D
Acq: 28 Nov 2017 21:06

Tgt Ion:264 Resp: 493650

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.0	17.7	26.5