Quantitation Report (LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_G\DATA\BG120817\
Data File : BG031450.D
Acq On : 9 Dec 2017 11:01
Operator : SJ/JU
Sample : I6746-07
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-109-4(40-50)

Quant Time: Dec 11 06:21:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32976	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	142637	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	105938	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	323478	20.00	ng	0.00
75) Chrysene-d12	21.77	240	380768	20.00	ng	0.00
86) Perylene-d12	25.06	264	358011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	280984	146.11	ng	0.00
7) Phenol-d6	7.29	99	406269	156.81	ng	0.00
23) Nitrobenzene-d5	9.29	82	247114	102.66	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	194968	113.77	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	717971	97.38	ng	0.00
78) Terphenyl-d14	20.08	244	1590178	92.22	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.32	94	15486	5.756	ng	# 76
49) Dimethylphthalate	14.20	163	133590	14.584	ng	99

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
BNA_G
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ENV-109-4(40-50)

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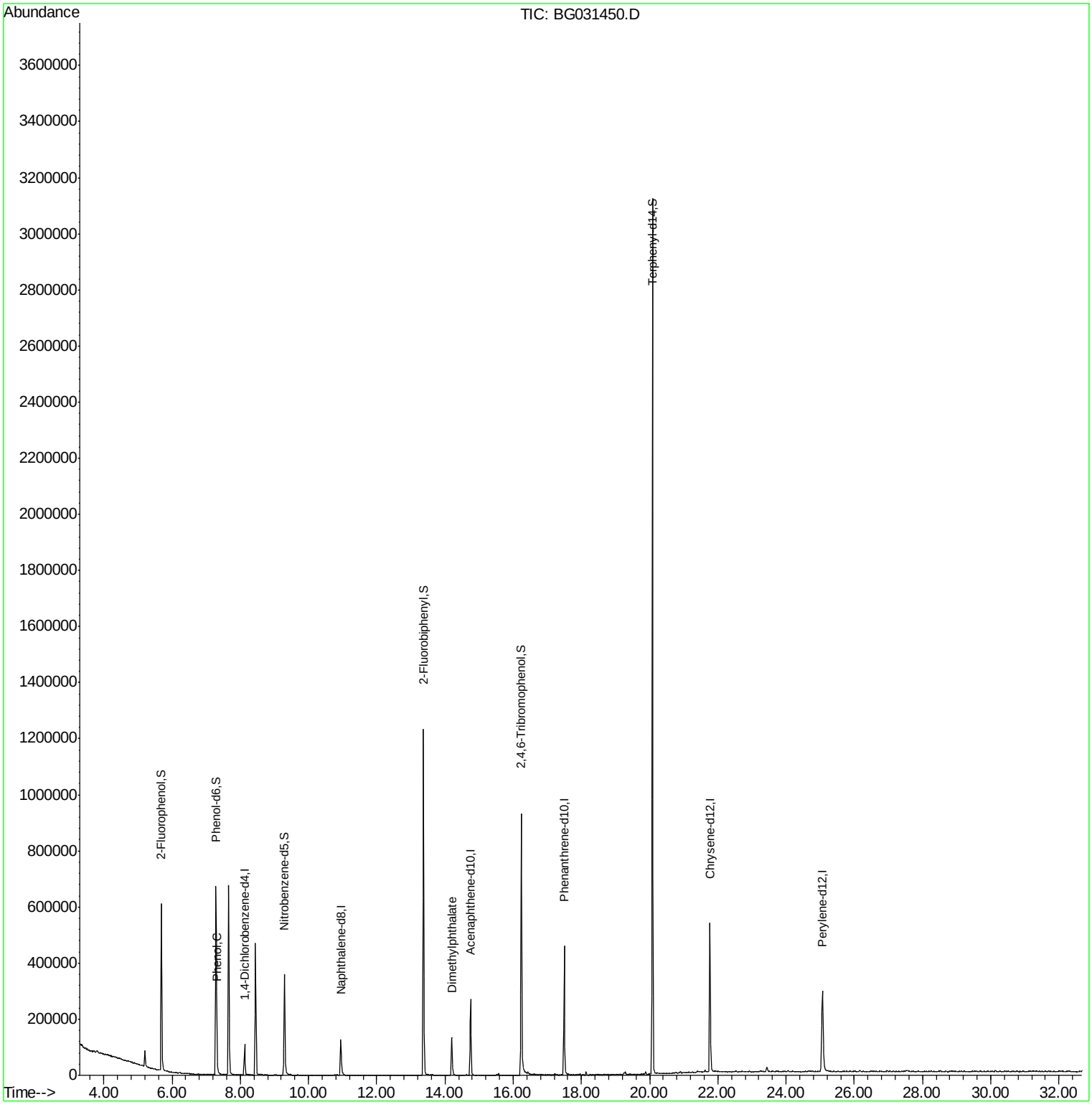
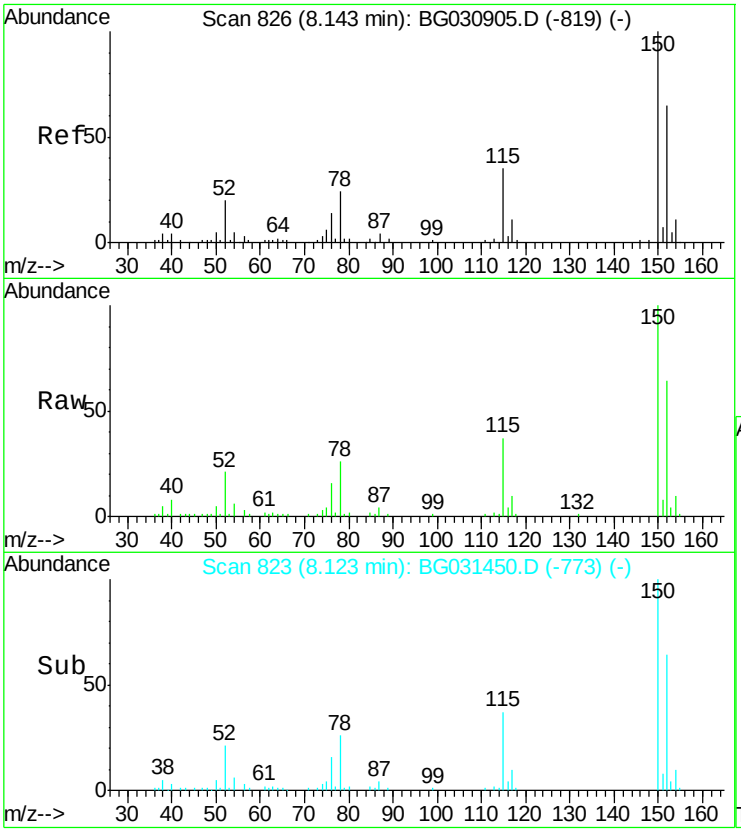


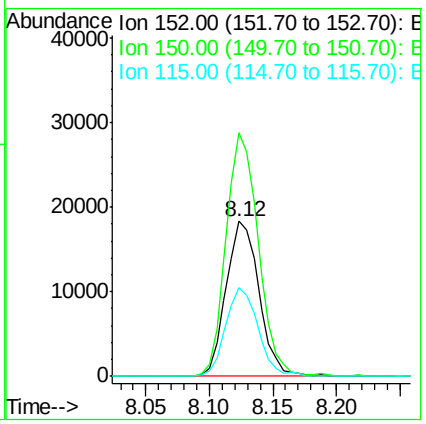


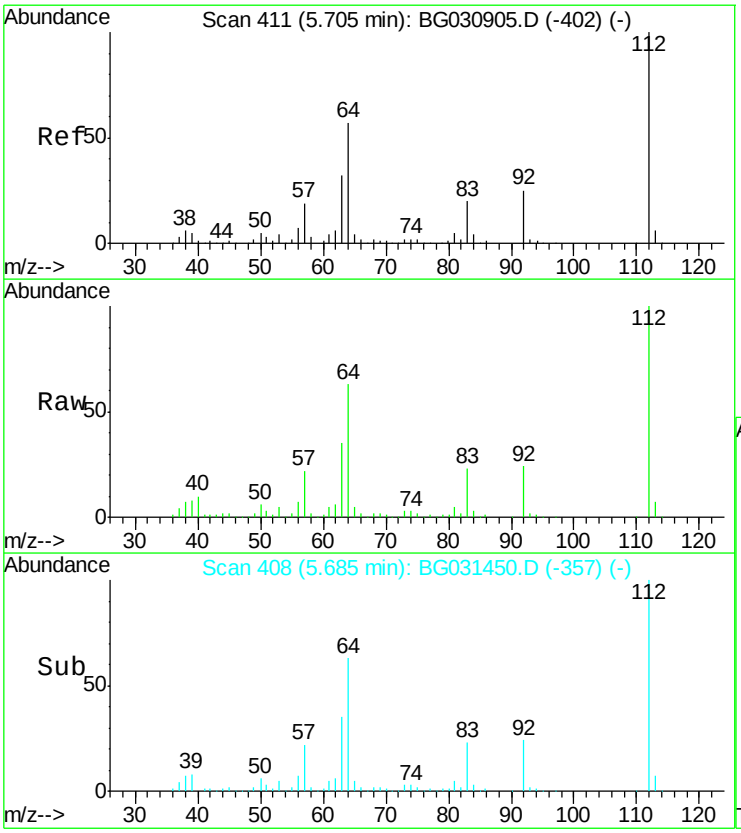
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:152 Resp: 32976

Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	57.4	53.0	79.4

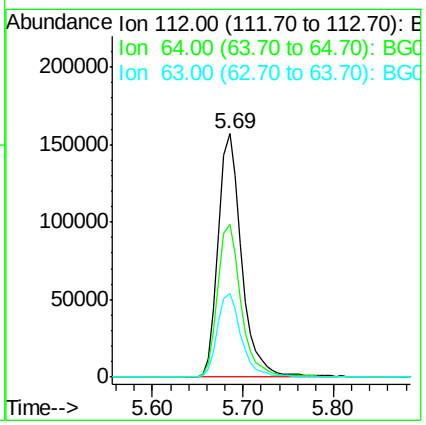


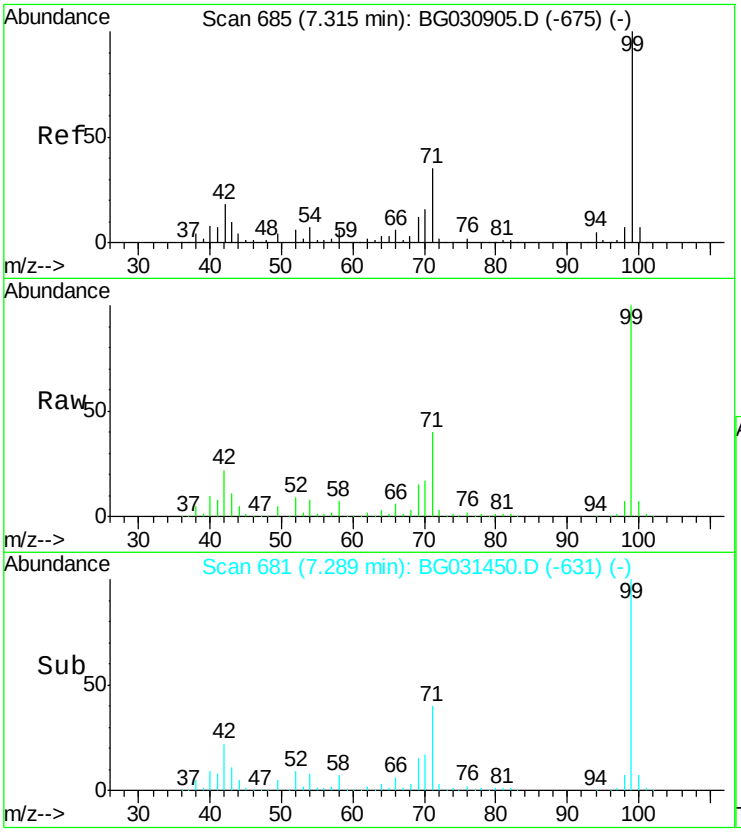


#5
2-Fluorophenol
Concen: 146.112 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion:112 Resp: 280984

Ion	Ratio	Lower	Upper
112	100		
64	63.0	56.3	84.5
63	34.5	30.1	45.1



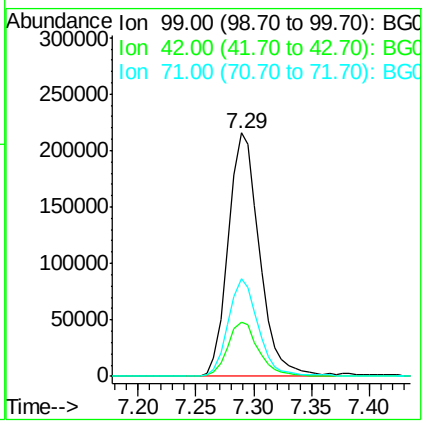


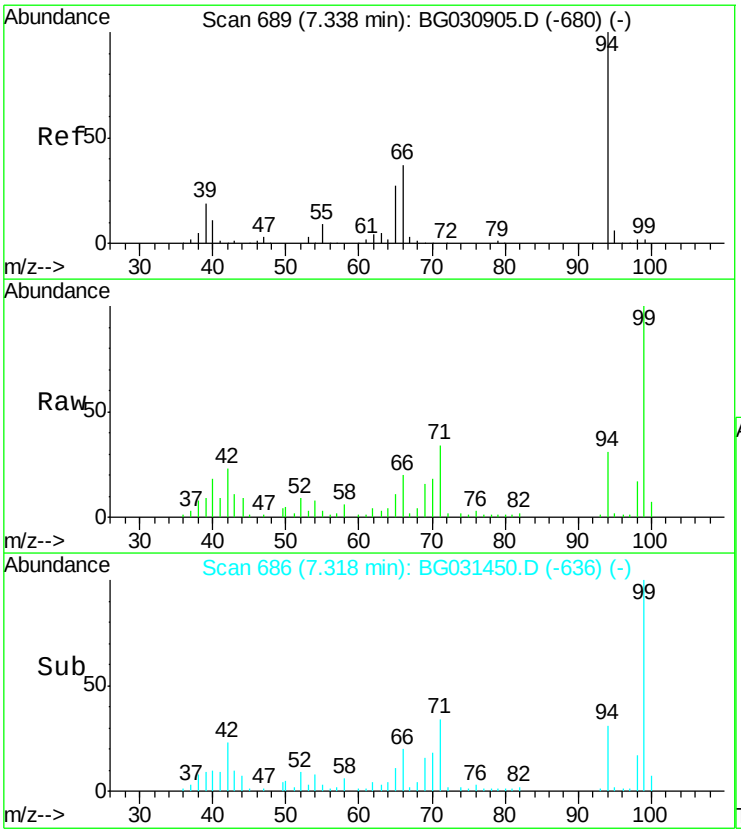
#7
Phenol-d6
Concen: 156.813 ng
RT: 7.29 min Scan# 681
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion: 99 Resp: 406269

Ion	Ratio	Lower	Upper
99	100		
42	22.0	14.1	21.1#
71	39.9	26.1	39.1#

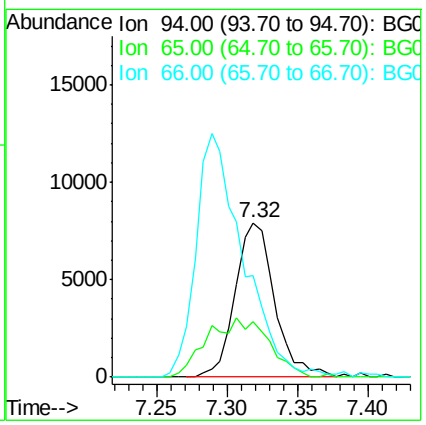


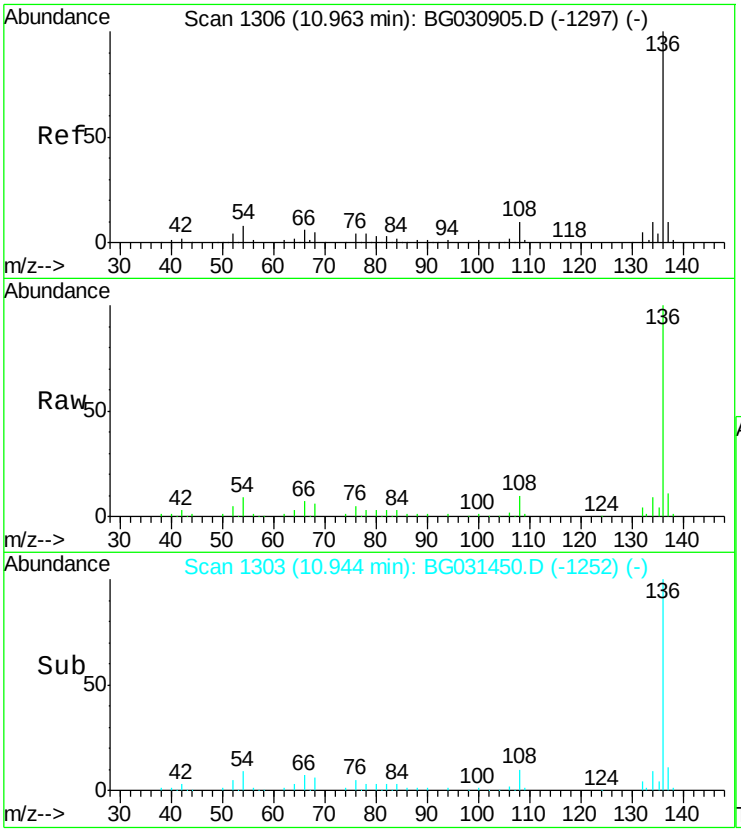


#10
Phenol
Concen: 5.756 ng
RT: 7.32 min Scan# 686
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion: 94 Resp: 15486

Ion	Ratio	Lower	Upper
94	100		
65	35.5	11.9	51.9
66	65.5	22.2	62.2#



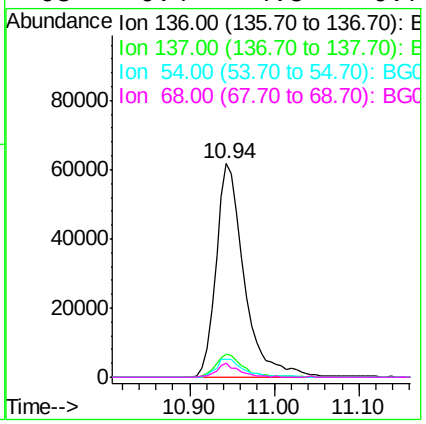


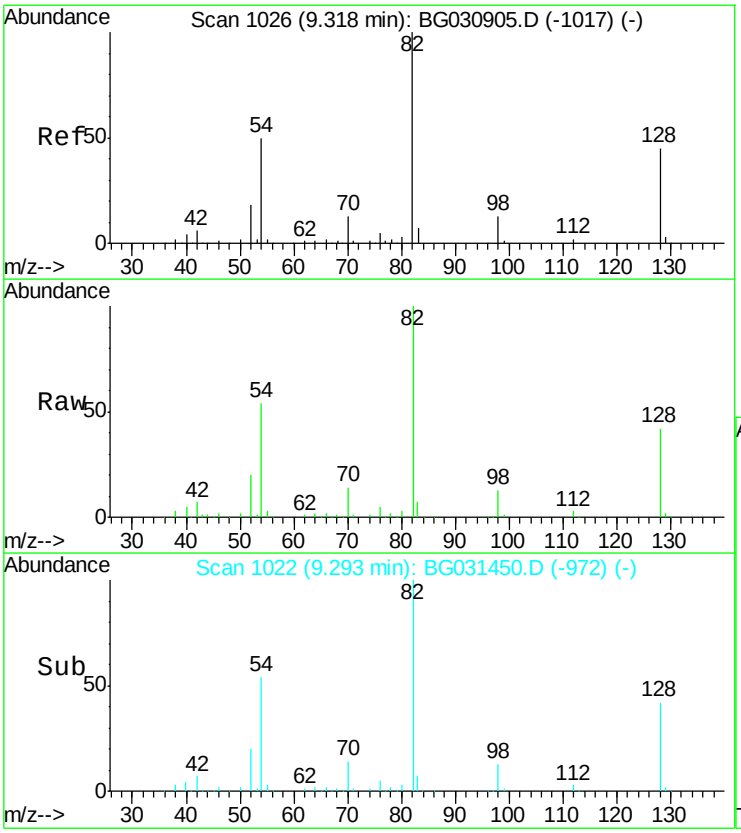
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:136 Resp: 142637

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.6	10.3	15.5#
68	6.4	4.5	6.7

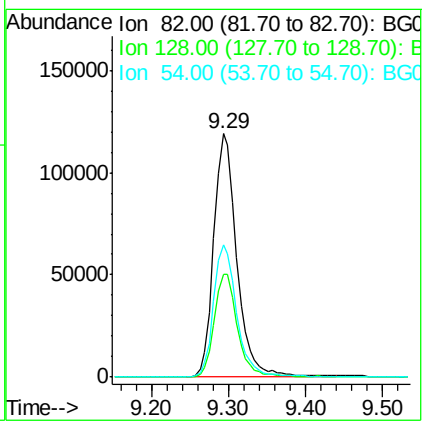


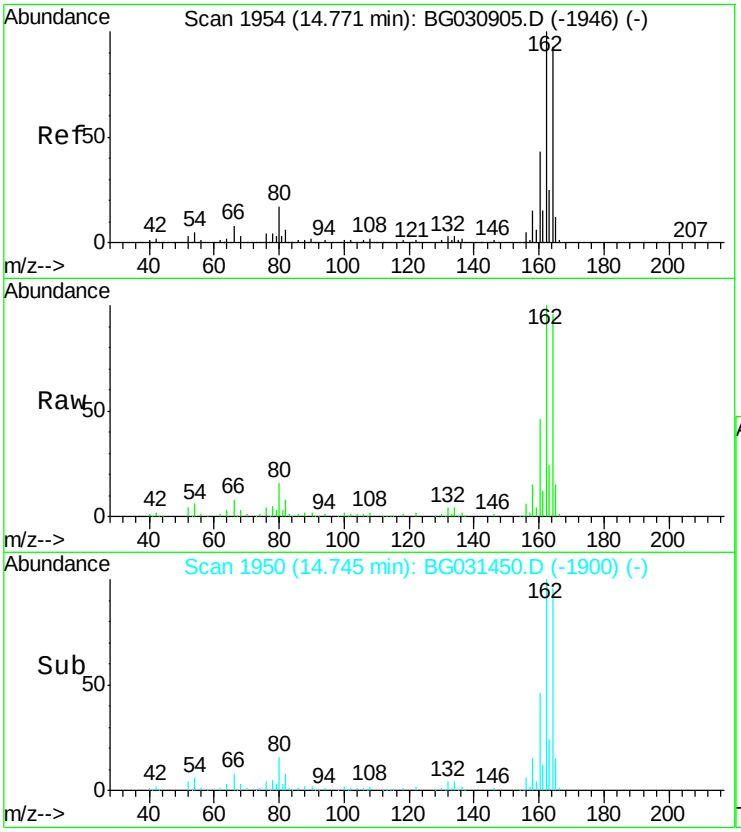


#23
Nitrobenzene-d5
Concen: 102.660 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion: 82 Resp: 247114

Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.7	44.5
54	54.4	43.1	64.7



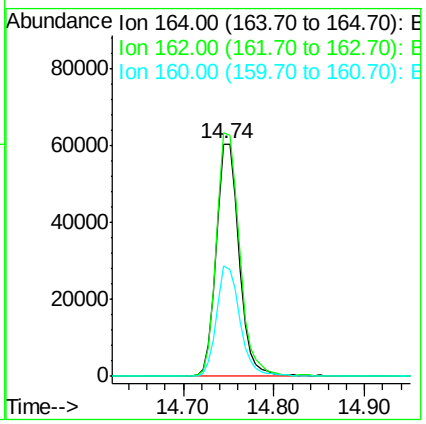


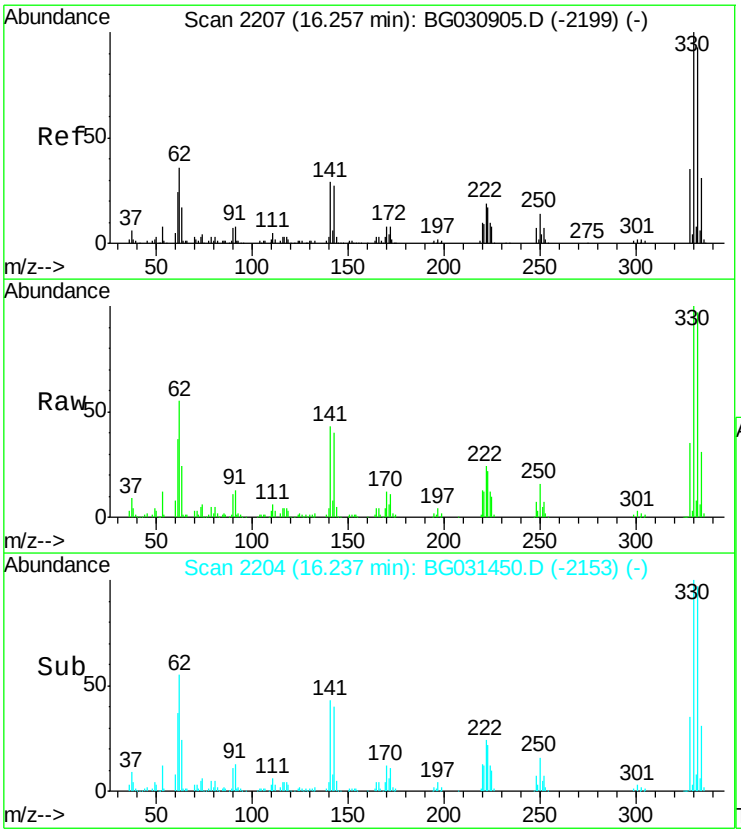
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:164 Resp: 105938

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	47.7	35.4	53.0

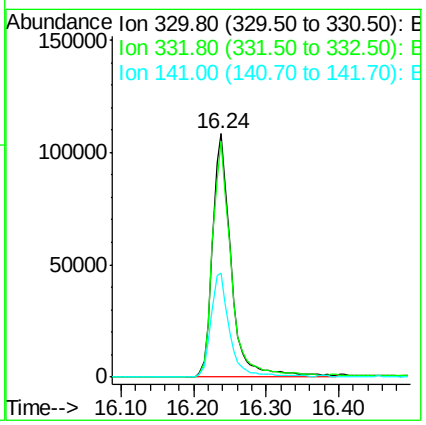


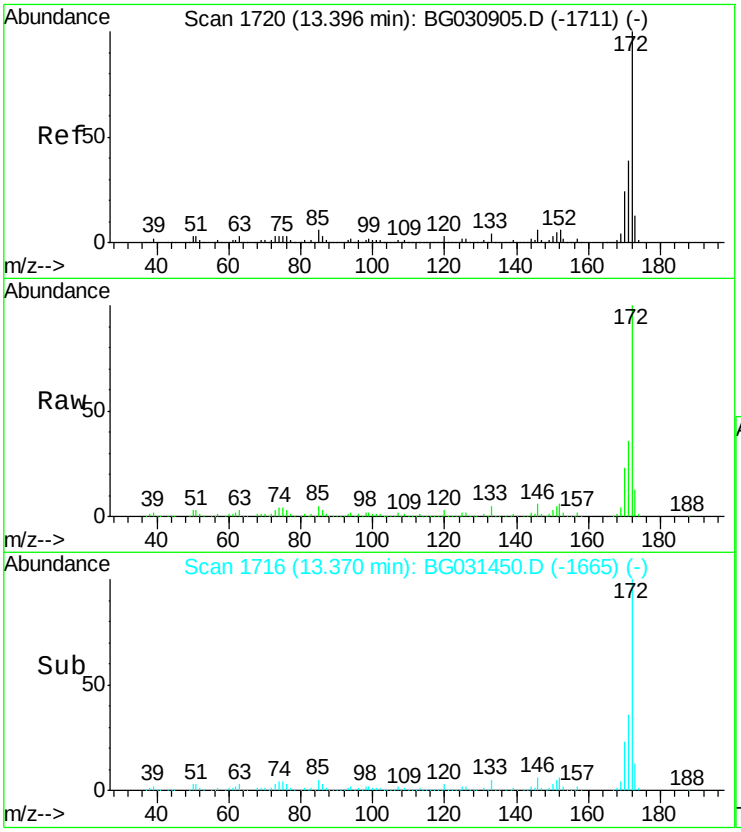


#41
2,4,6-Tribromophenol
Concen: 113.768 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion:330 Resp: 194968

Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	42.9	25.2	37.8#



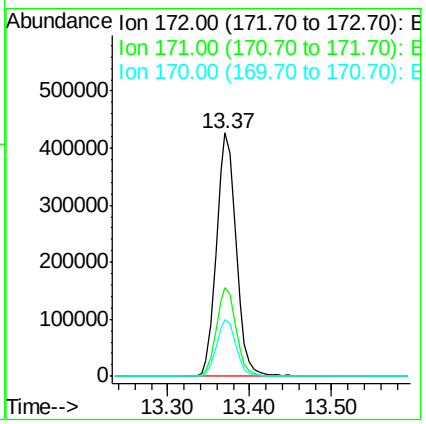


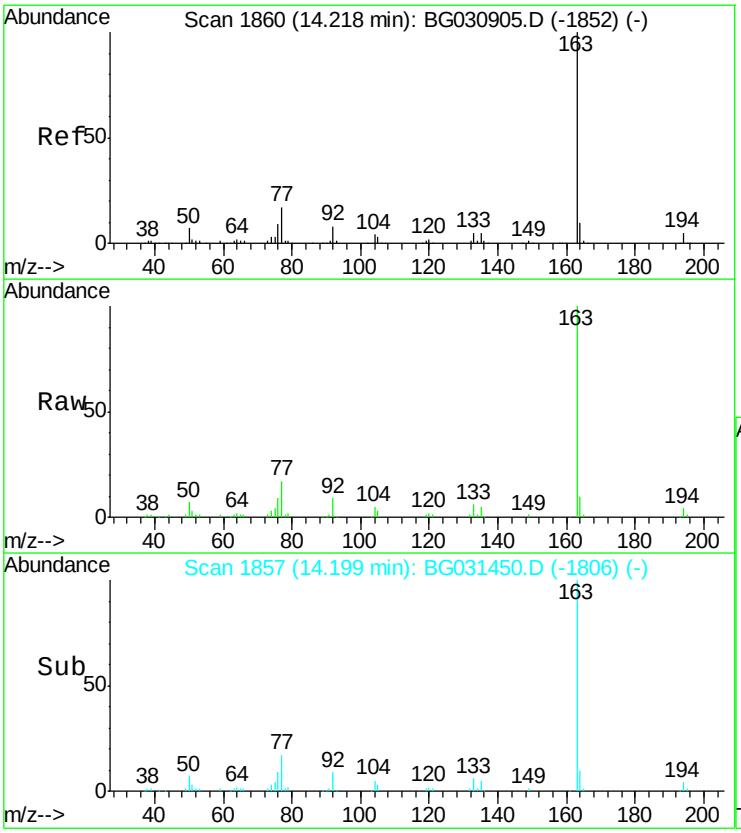
#44
2-Fluorobiphenyl
Concen: 97.382 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:172 Resp: 717971

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	23.4	19.5	29.3

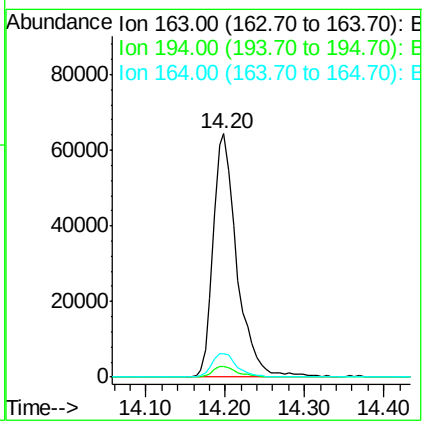


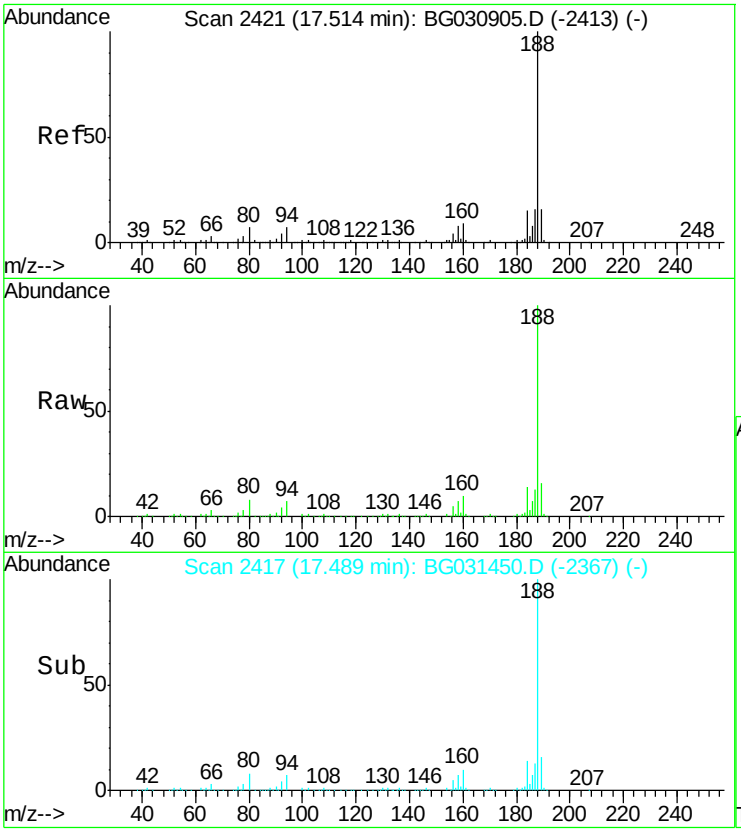


#49
Dimethylphthalate
Concen: 14.584 ng
RT: 14.20 min Scan# 1857
Delta R.T. 0.00 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion:163 Resp: 133590

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.7	8.2	12.4



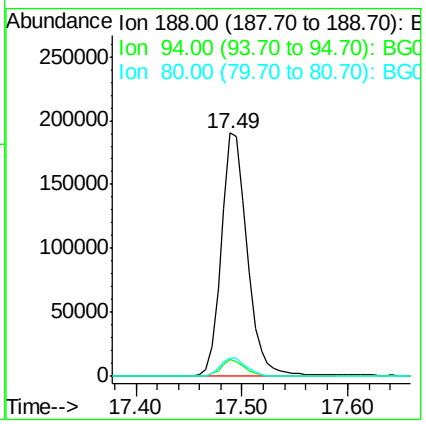


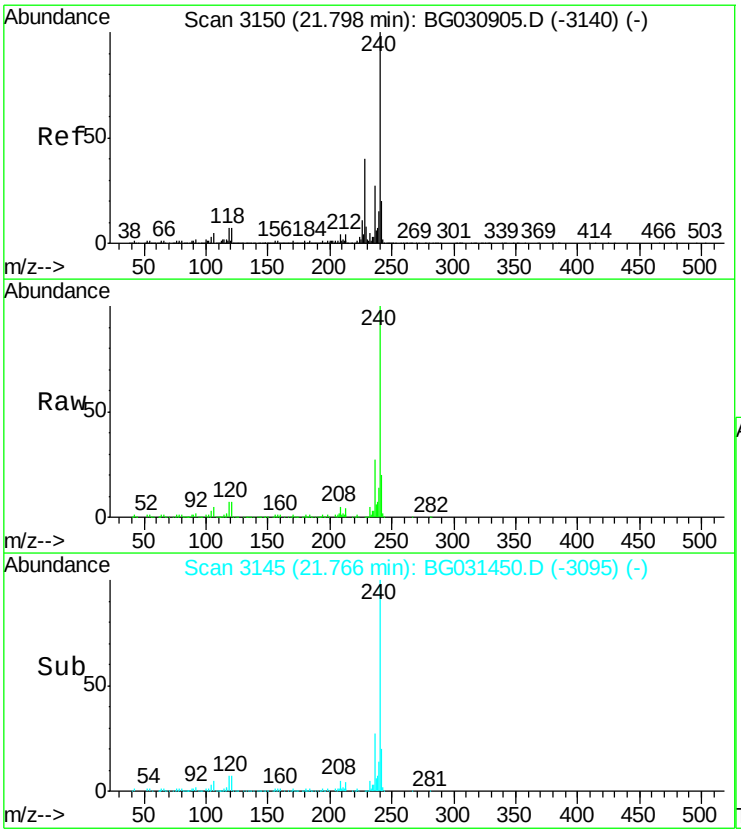
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:188 Resp: 323478

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.8	7.7	11.5

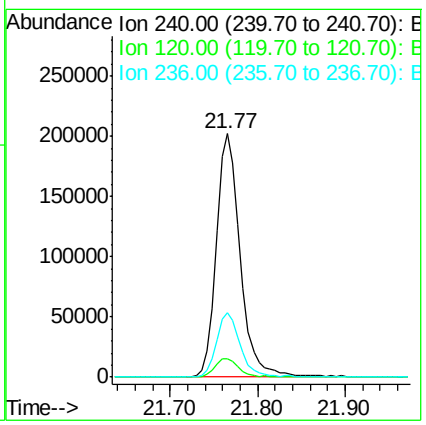


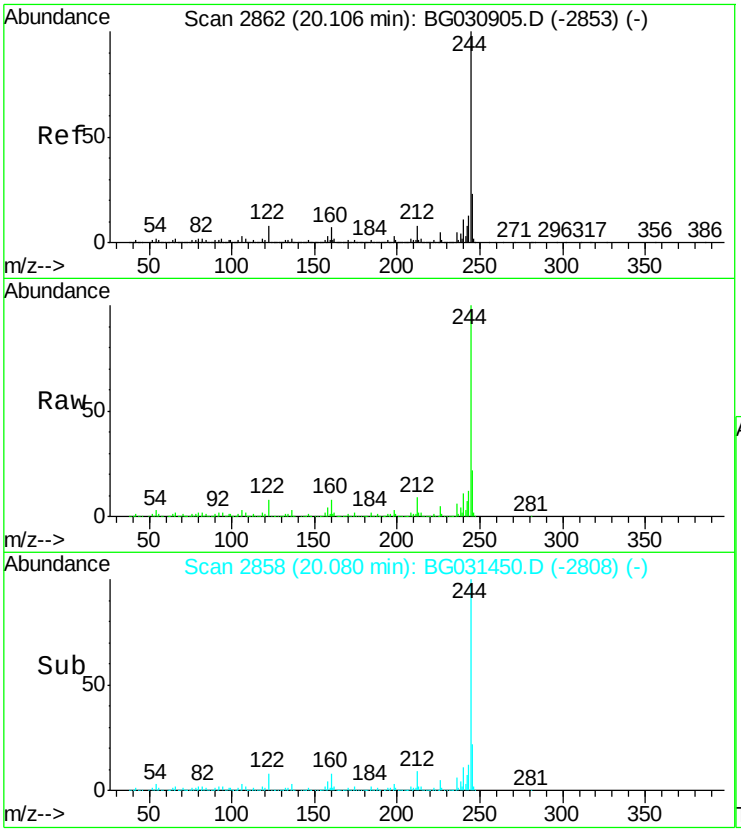


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion:240 Resp: 380768

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	26.7	20.9	31.3



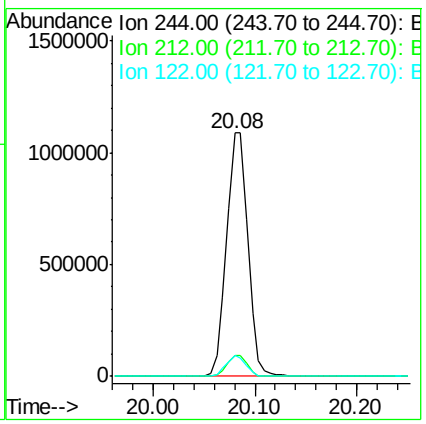


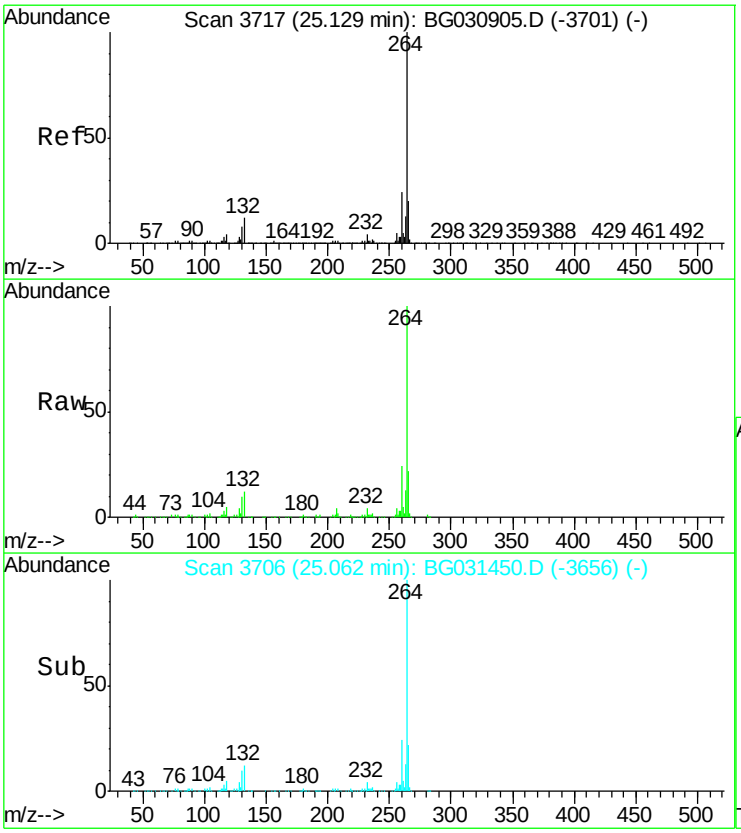
#78
Terphenyl-d14
Concen: 92.215 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Instrument :
BNA_G
ClientSampleId :
ENV-109-4(40-50)

Tgt Ion:244 Resp: 1590178

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	8.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG031450.D
Acq: 9 Dec 2017 11:01

Tgt Ion:264 Resp: 358011

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.8	17.7	26.5