Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111517\
Data File : BG031017.D
Acq On : 15 Nov 2017 16:11
Operator : SJ/JU
Sample : I6307-04RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EO-02-111017-BRE

Quant Time: Nov 15 17:55:20 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	24883	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	94021	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	28186	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	164836	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	112027	20.00	ng	-0.02
86) Perylene-d12	25.08	264	2896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	211607	145.82	ng	0.00
7) Phenol-d6	7.30	99	150506	76.99	ng	0.00
23) Nitrobenzene-d5	9.31	82	182677	115.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	249817	547.89	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	606441	309.16	ng	-0.02
78) Terphenyl-d14	20.09	244	1355470	267.17	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.01	128	97867	21.174	ng	96
37) 2-Methylnaphthalene	12.61	142	8495	2.381	ng	97
54) Dibenzofuran	15.16	168	8380	3.052	ng	96

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

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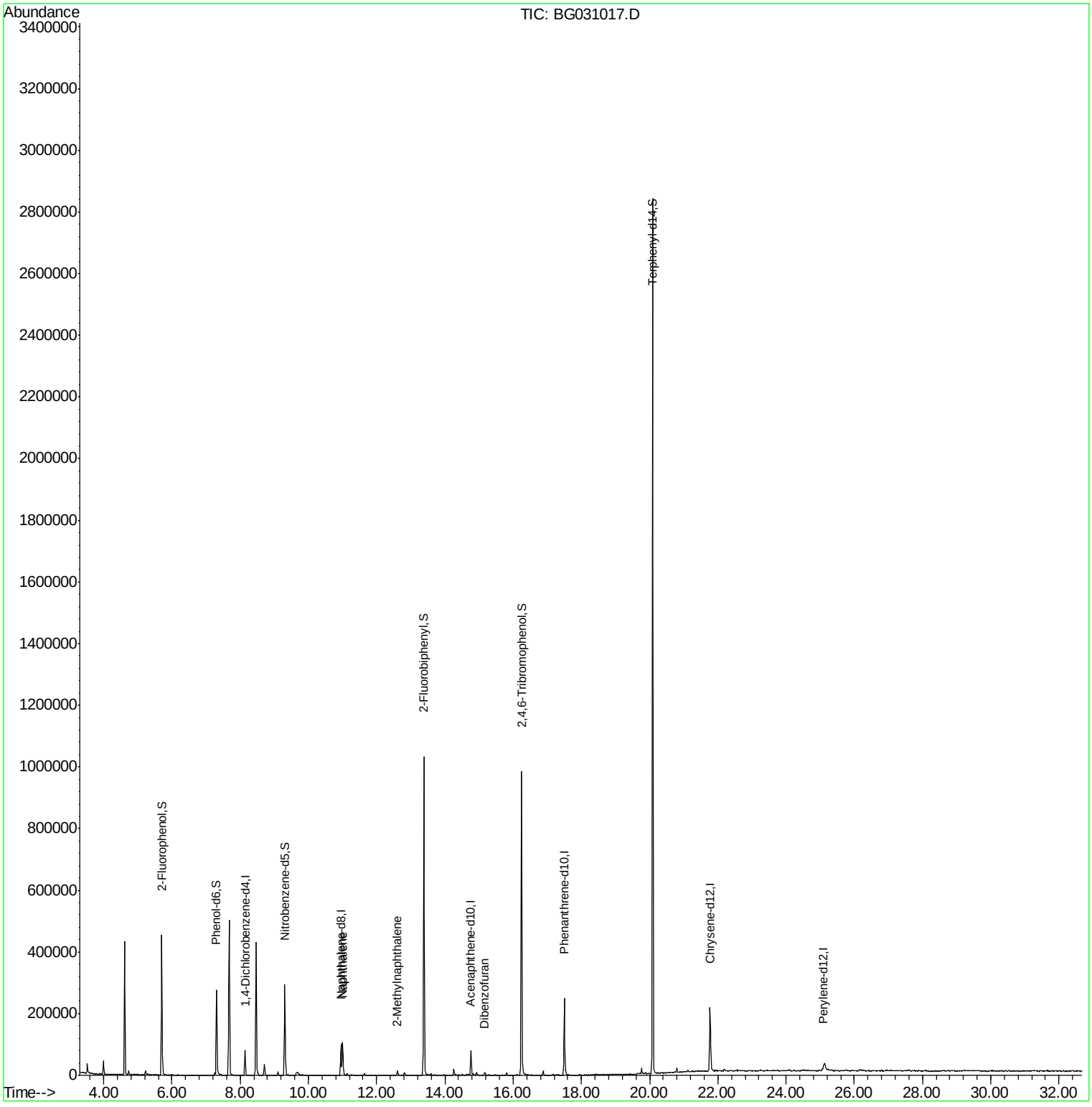
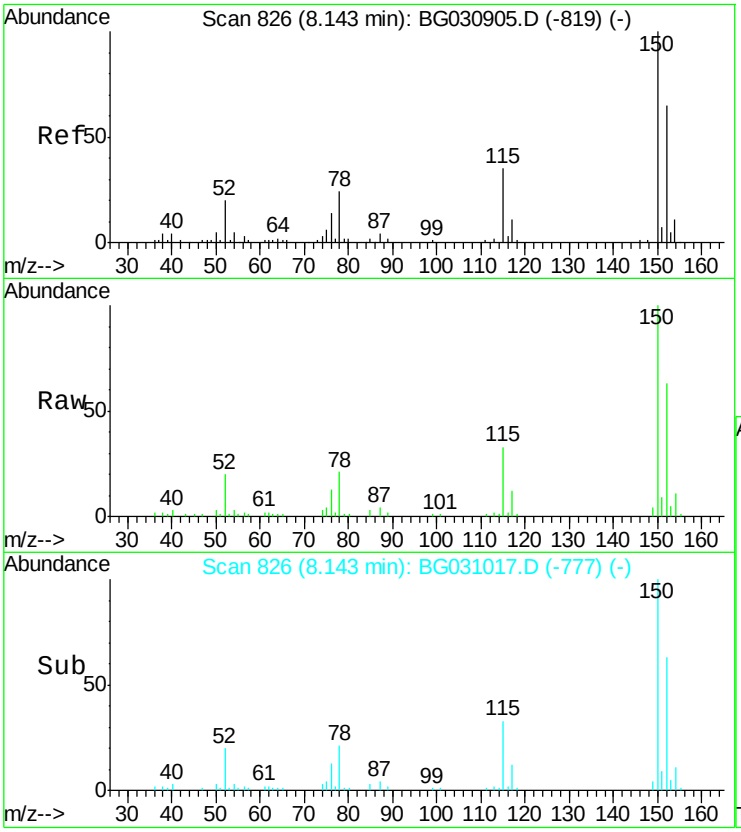


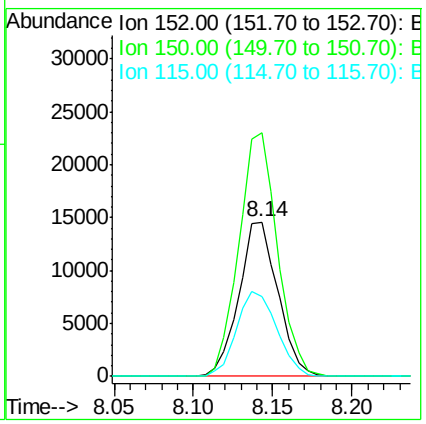


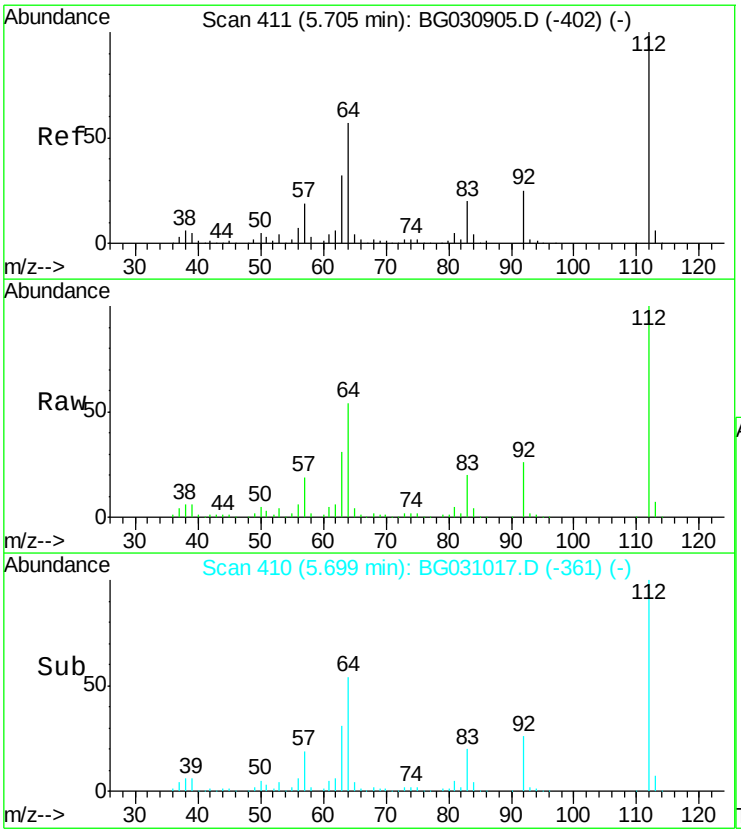
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion:152 Resp: 24883

Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.6	189.8
115	52.0	53.0	79.4#

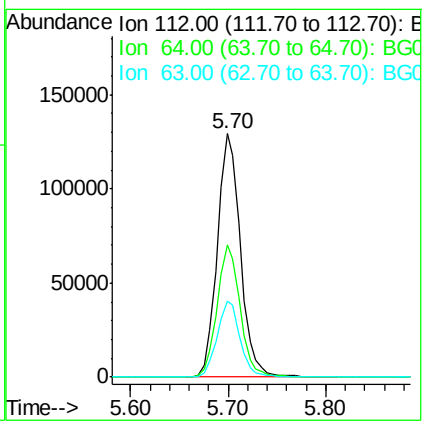


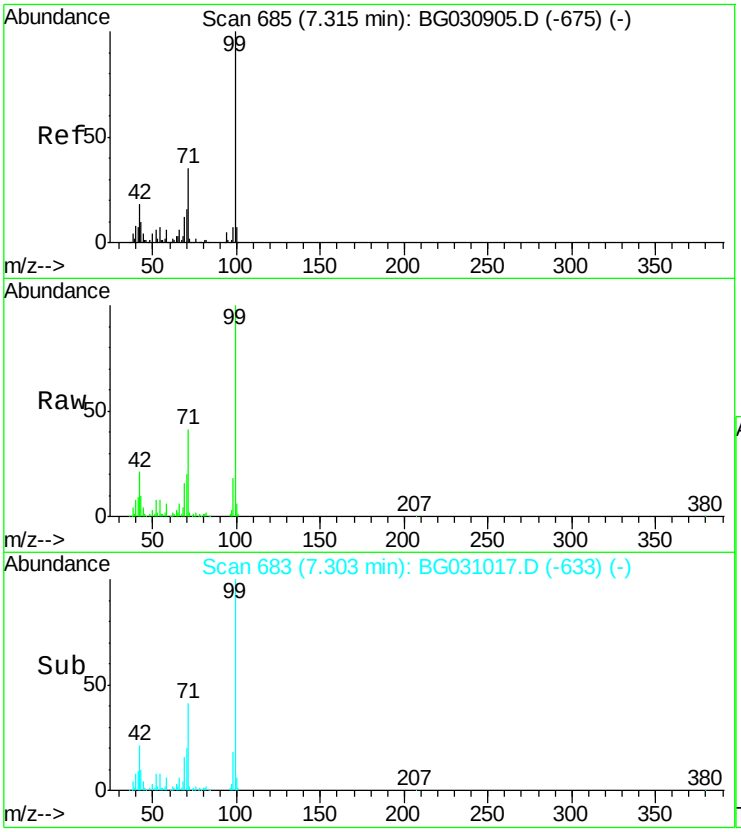


#5
2-Fluorophenol
Concen: 145.824 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:112 Resp: 211607

Ion	Ratio	Lower	Upper
112	100		
64	54.5	56.3	84.5#
63	31.3	30.1	45.1



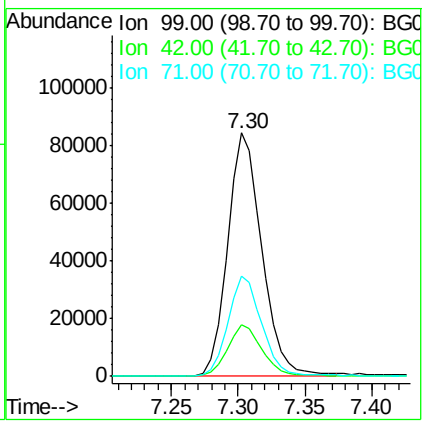


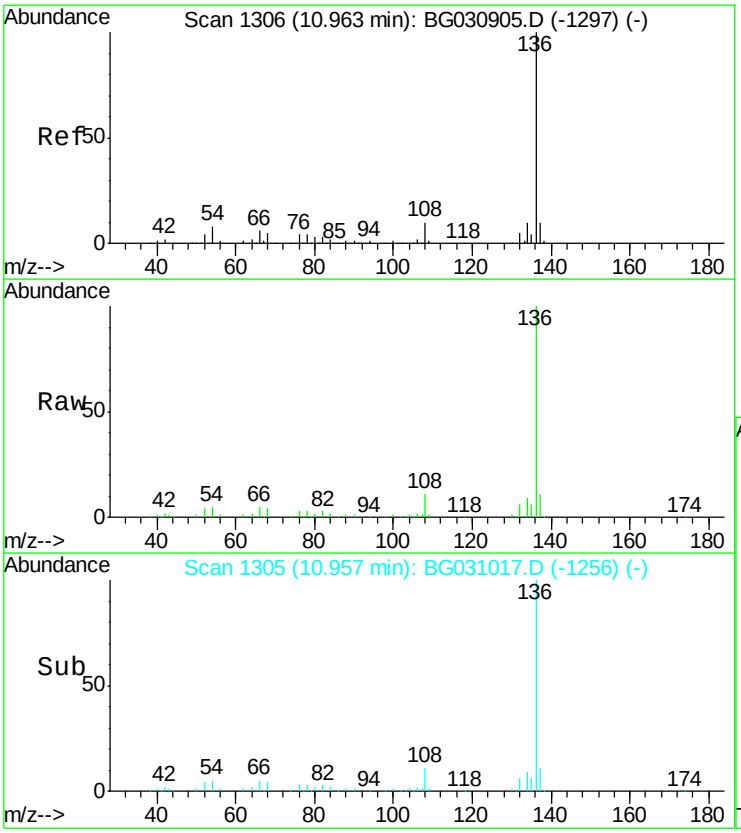
#7
Phenol-d6
Concen: 76.987 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.00 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion: 99 Resp: 150506

Ion	Ratio	Lower	Upper
99	100		
42	21.2	14.1	21.1#
71	41.0	26.1	39.1#

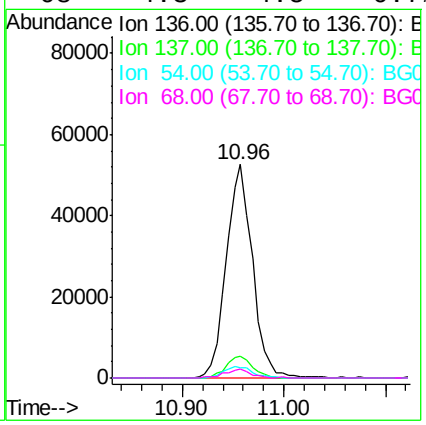


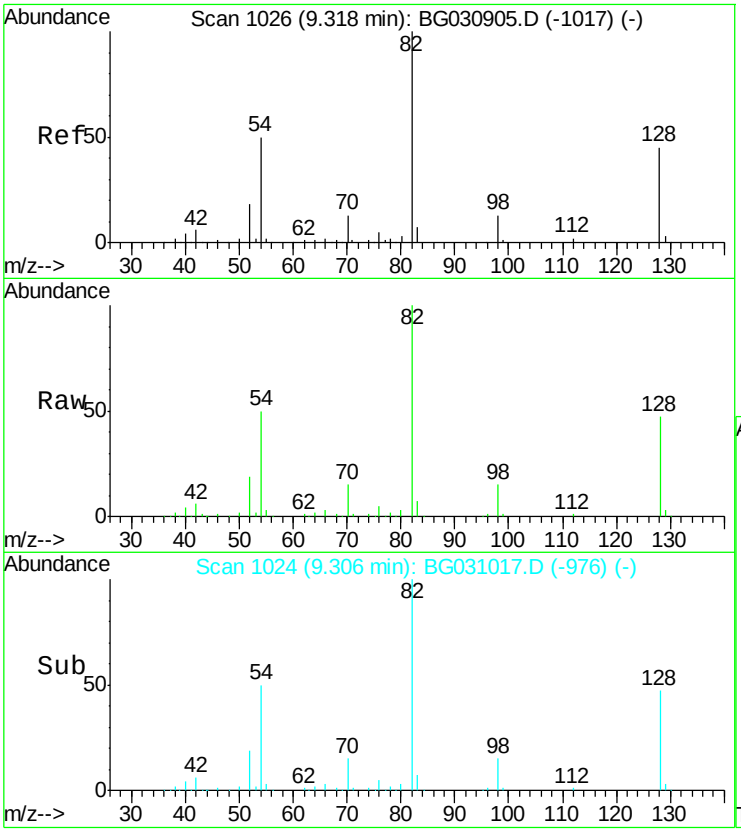


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:136 Resp: 94021

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	4.9	10.3	15.5#
68	4.3	4.5	6.7#



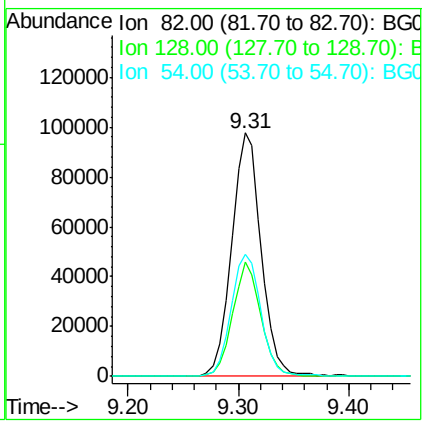


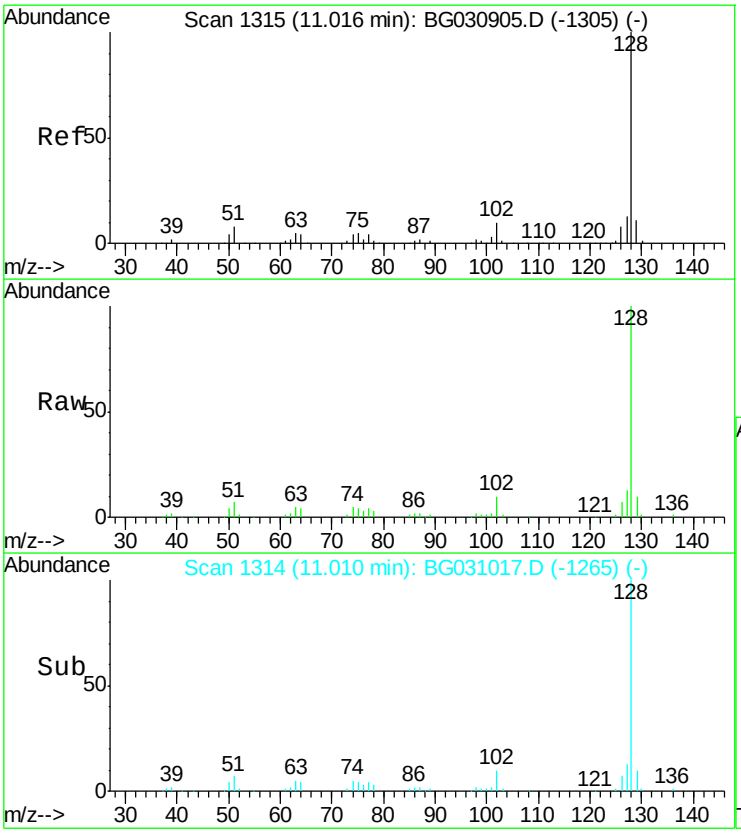
#23
Nitrobenzene-d5
Concen: 115.131 ng
RT: 9.31 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion: 82 Resp: 182677

Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	50.0	43.1	64.7

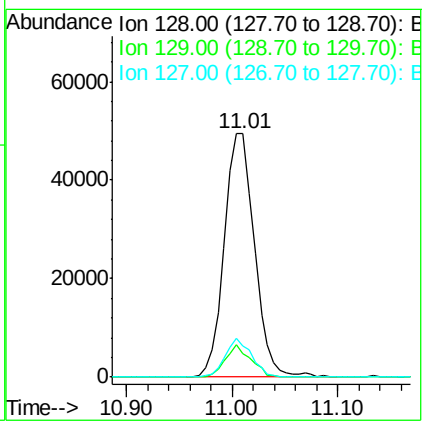


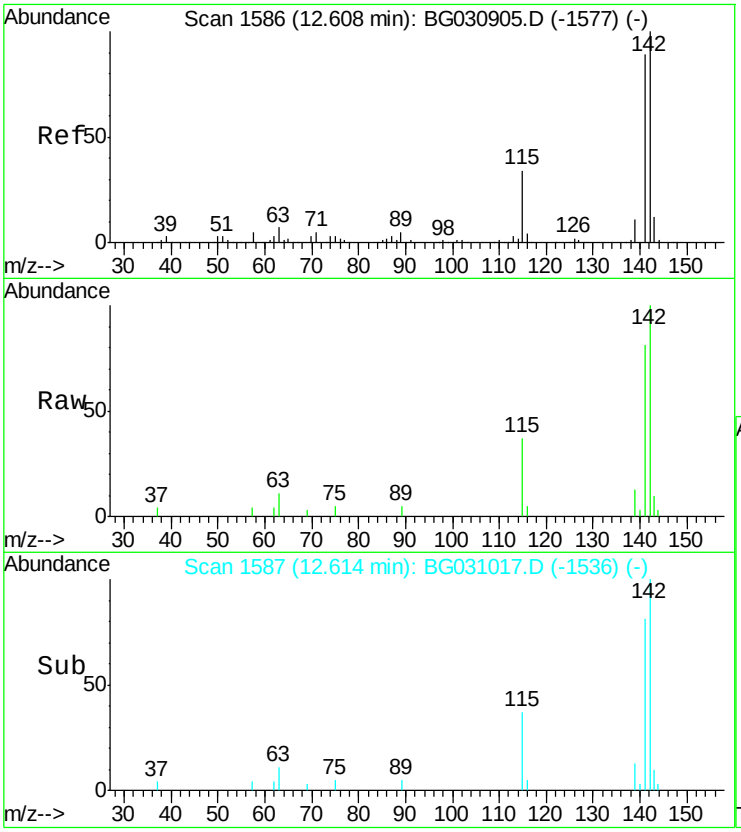


#31
Naphthalene
Concen: 21.174 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:128 Resp: 97867

Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.6	12.8
127	12.6	11.6	17.4



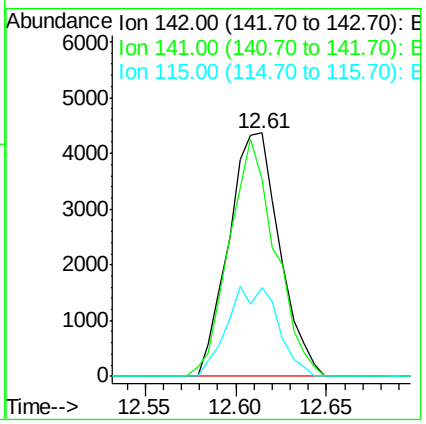


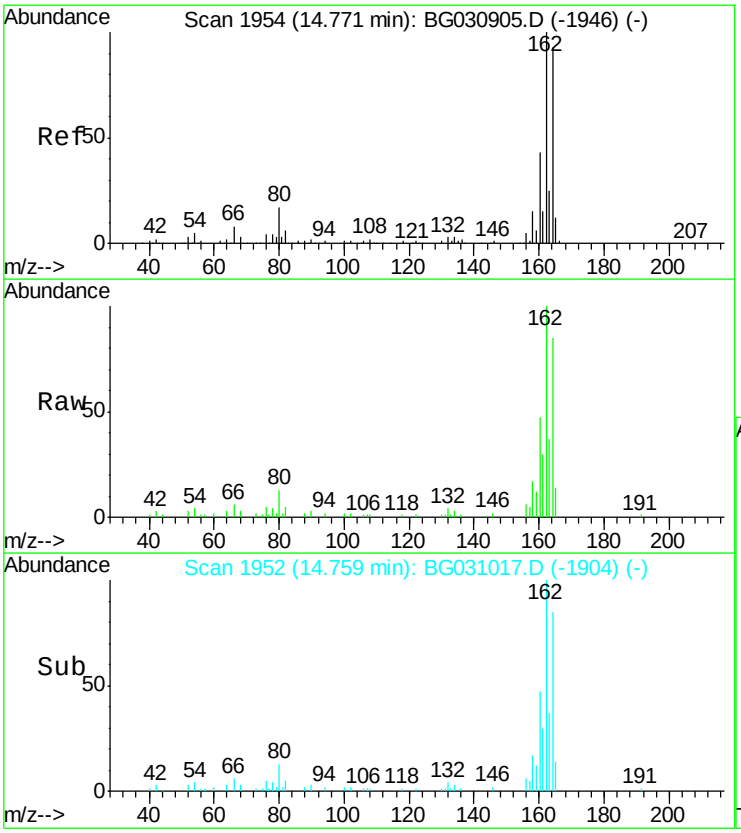
#37
2-Methylnaphthalene
Concen: 2.381 ng
RT: 12.61 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion:142 Resp: 8495

Ion	Ratio	Lower	Upper
142	100		
141	81.1	67.1	100.7
115	36.6	30.7	46.1

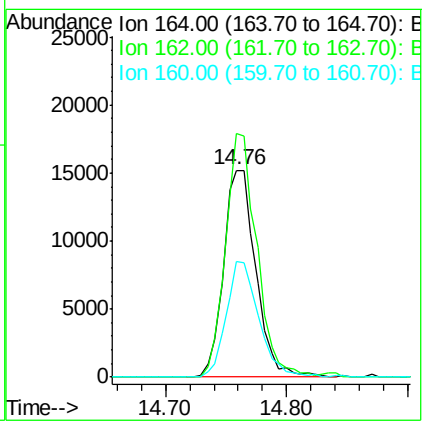


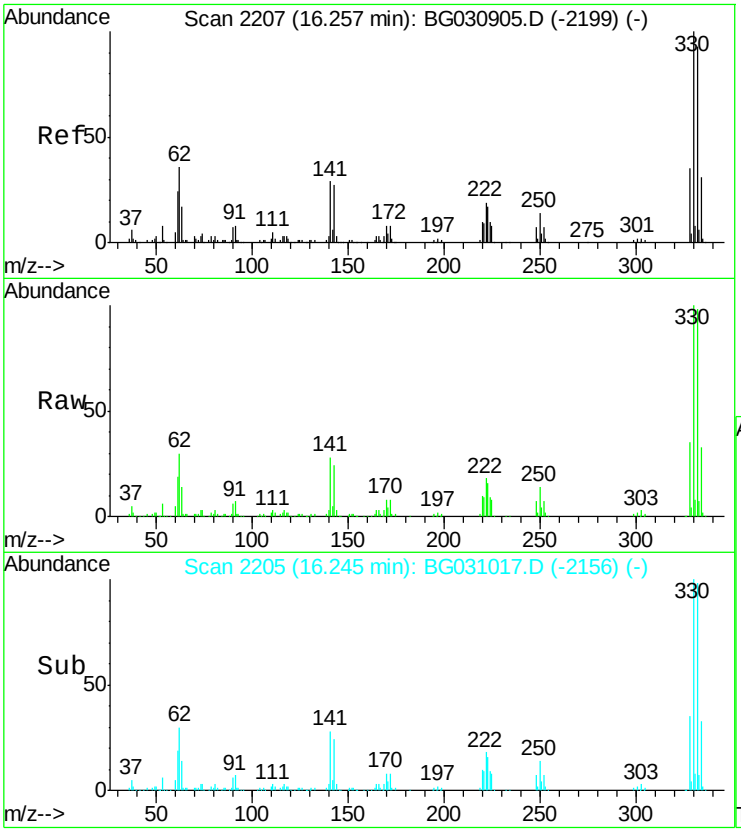


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:164 Resp: 28186

Ion	Ratio	Lower	Upper
164	100		
162	117.6	78.8	118.2
160	55.8	35.4	53.0#



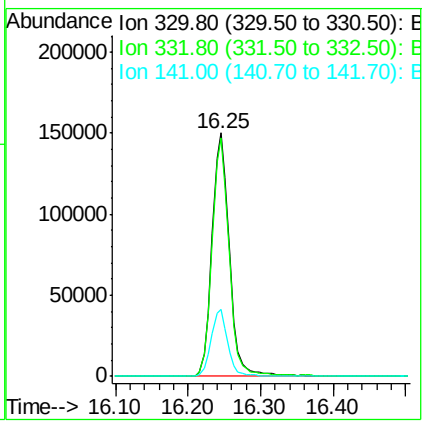


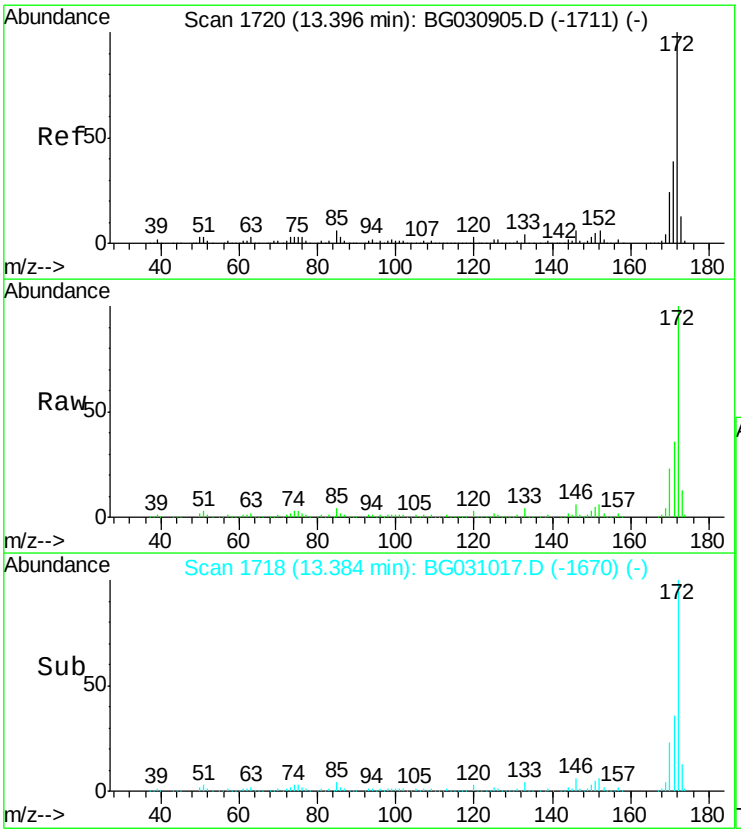
#41
2,4,6-Tribromophenol
Concen: 547.895 ng
RT: 16.25 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion:330 Resp: 249817

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	26.2	25.2	37.8

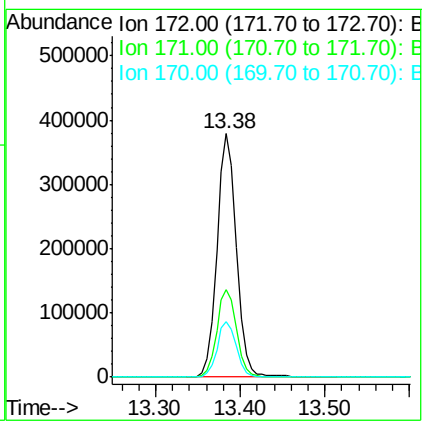


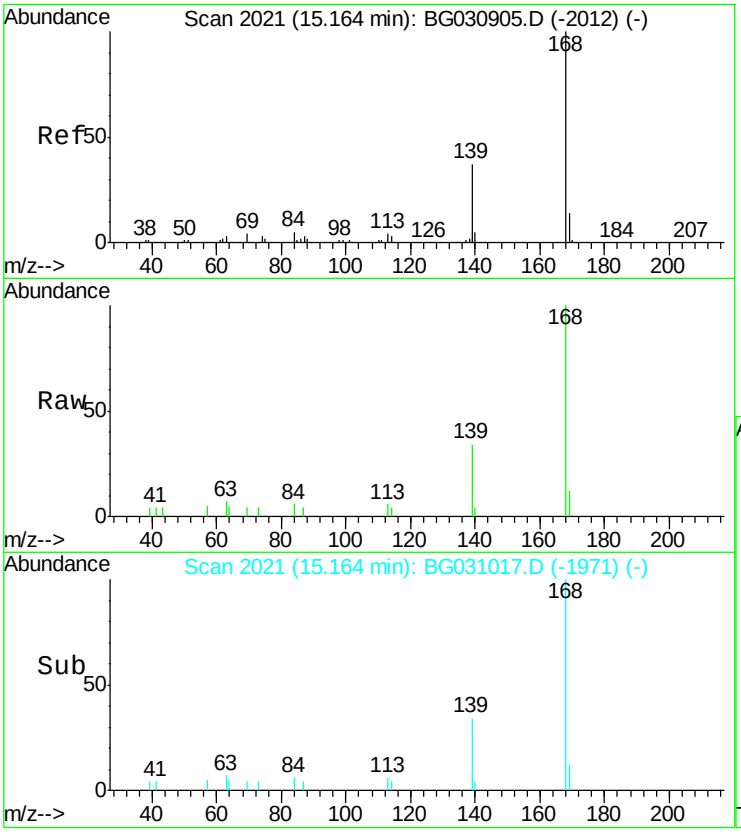


#44
2-Fluorobiphenyl
Concen: 309.157 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:172 Resp: 606441

Ion	Ratio	Lower	Upper
172	100		
171	36.1	30.0	45.0
170	22.7	19.5	29.3



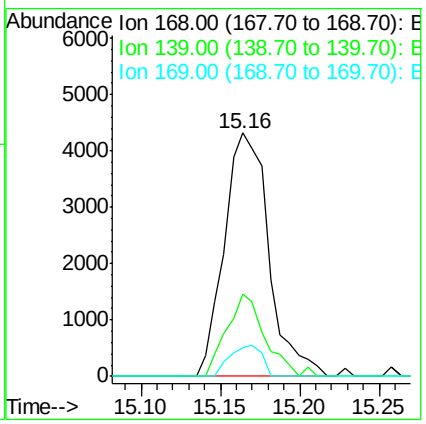


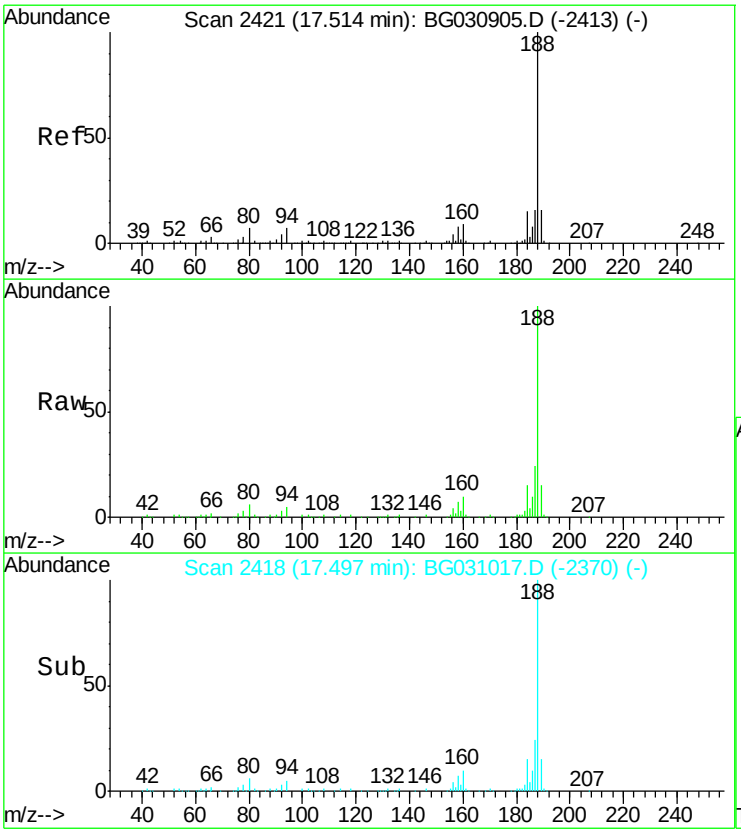
#54
Dibenzofuran
Concen: 3.052 ng
RT: 15.16 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion:168 Resp: 8380

Ion	Ratio	Lower	Upper
168	100		
139	34.0	28.6	43.0
169	11.7	11.2	16.8

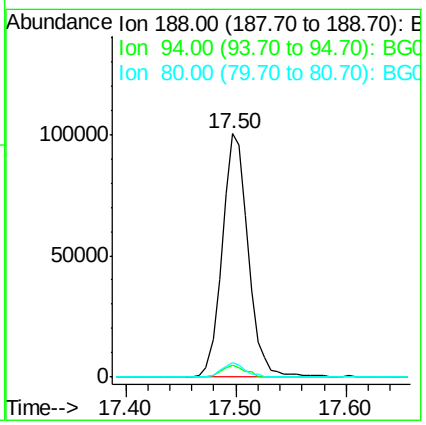


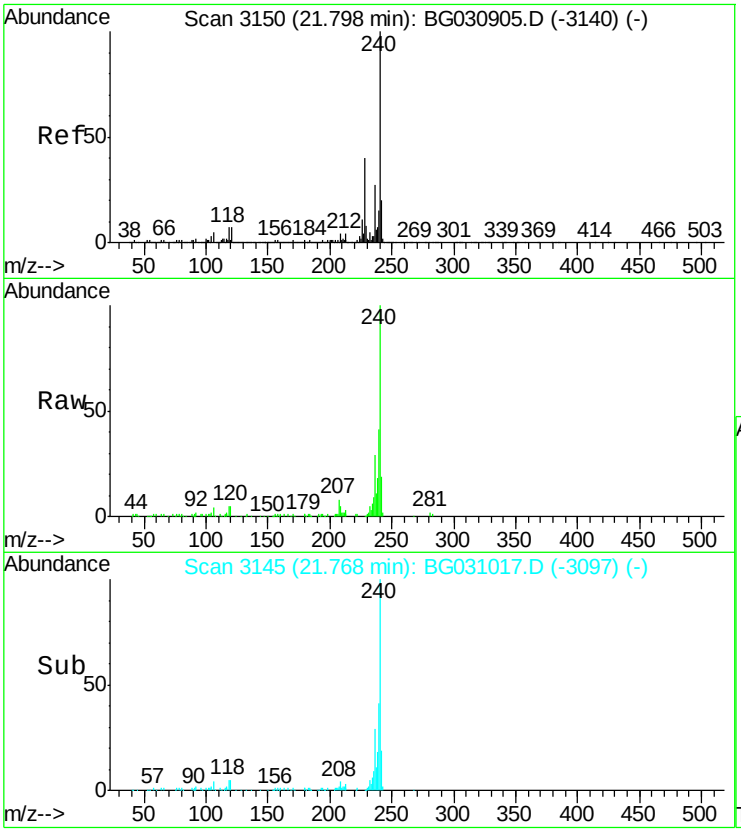


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:188 Resp: 164836

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	6.0	7.7	11.5#



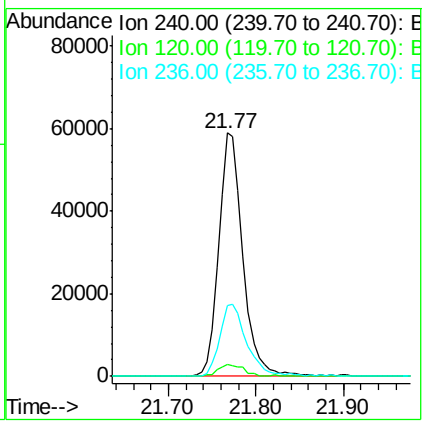


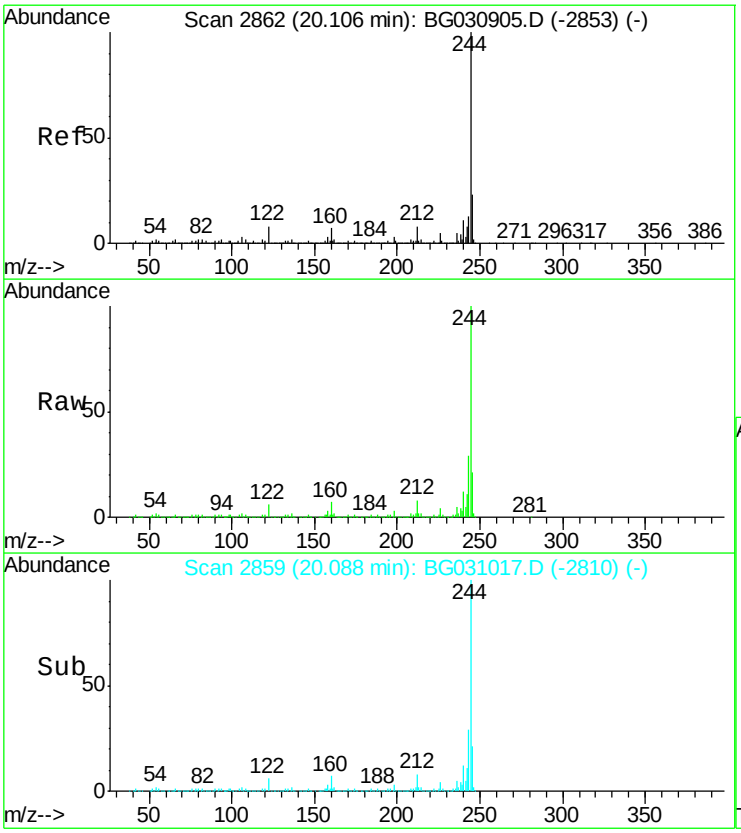
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion:240 Resp: 112027

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	29.3	20.9	31.3

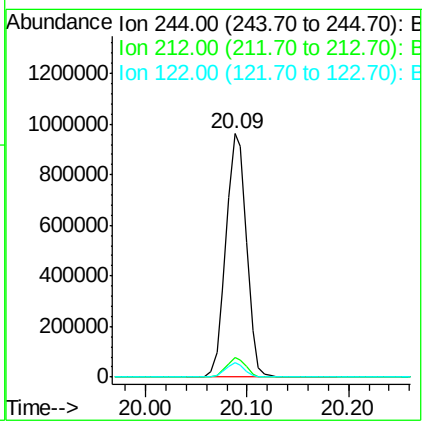


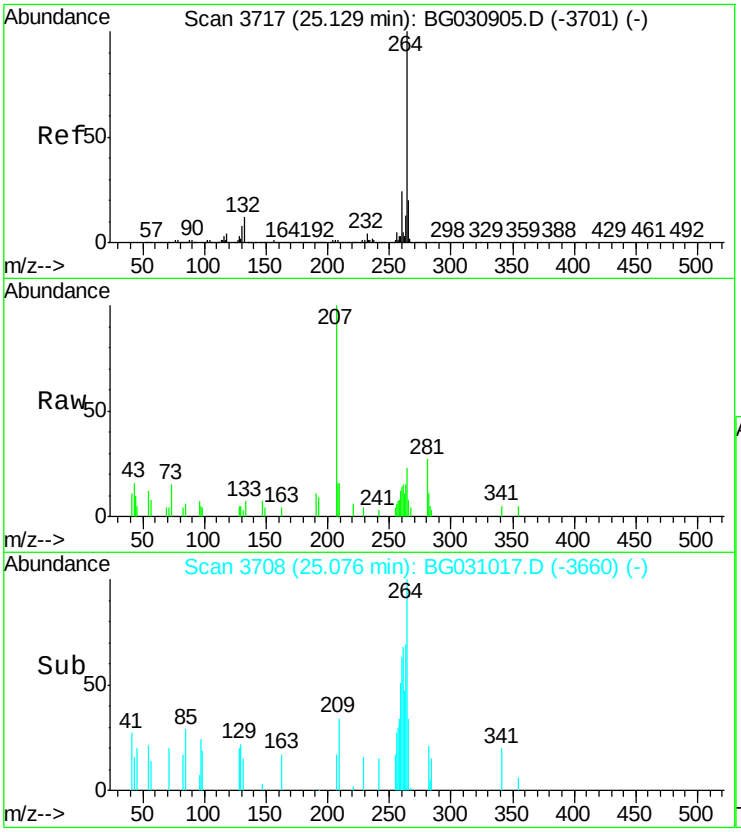


#78
Terphenyl-d14
Concen: 267.167 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Tgt Ion:244 Resp: 1355470

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031017.D
Acq: 15 Nov 2017 16:11

Instrument :
BNA_G
ClientSampleId :
EO-02-111017-BRE

Tgt Ion:264 Resp: 2896

Ion	Ratio	Lower	Upper
264	100		
260	63.5	17.4	26.0#
265	33.7	17.7	26.5#