Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031160.D
Acq On : 21 Nov 2017 19:50
Operator : SJ/JU
Sample : I6501-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22S

Quant Time: Nov 22 02:40:22 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	53350	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	237231	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	157811	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	422240	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	526628	20.00	ng	0.00
86) Perylene-d12	25.10	264	498577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	226750	72.88	ng	-0.01
7) Phenol-d6	7.30	99	190571	45.47	ng	0.00
23) Nitrobenzene-d5	9.30	82	356142	88.96	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	293293	114.89	ng	0.00
44) 2-Fluorobiphenyl	13.38	172	1050820	95.68	ng	-0.02
78) Terphenyl-d14	20.10	244	1983977	83.19	ng	0.00
Target Compounds						Qvalue

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

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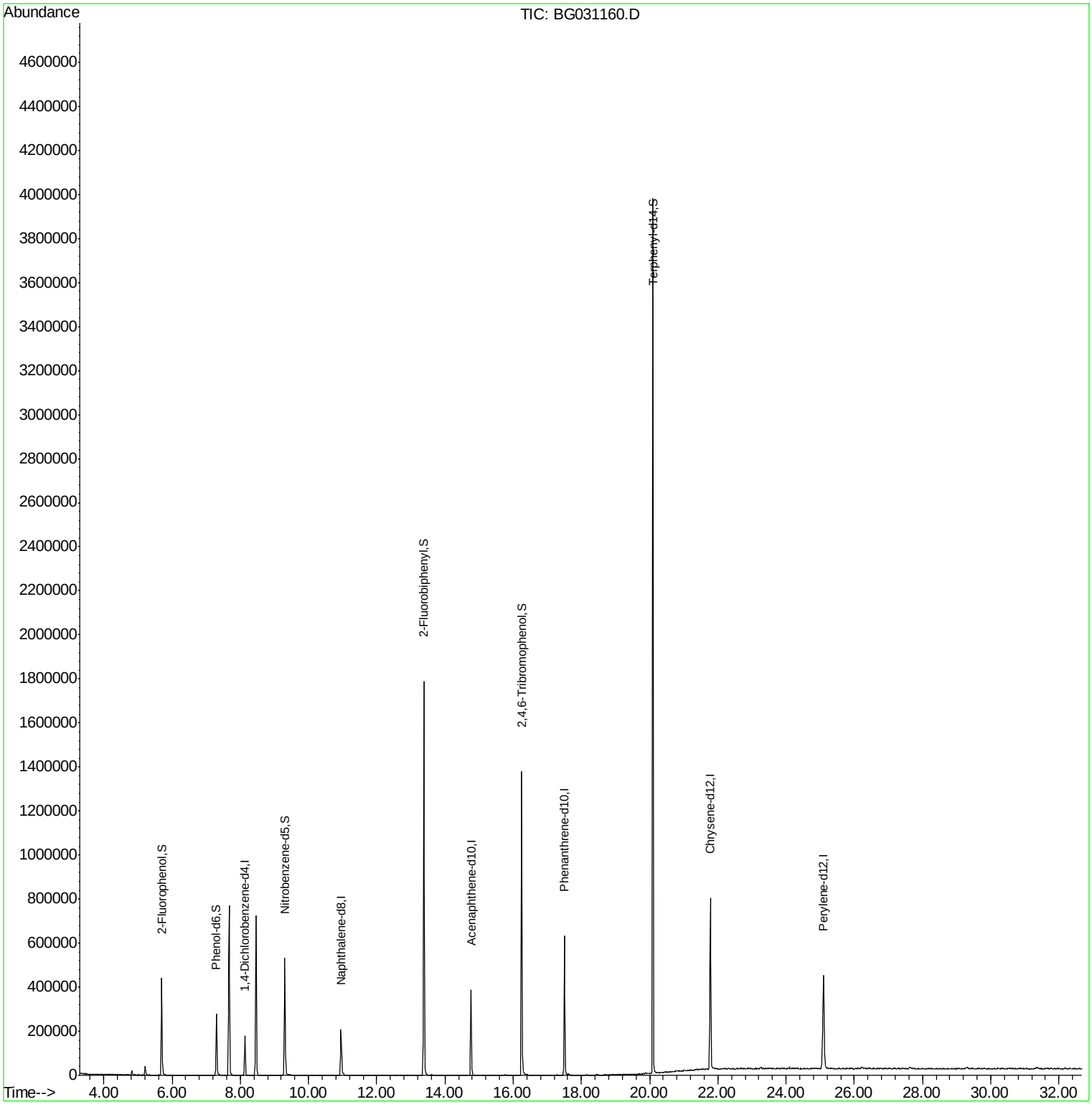
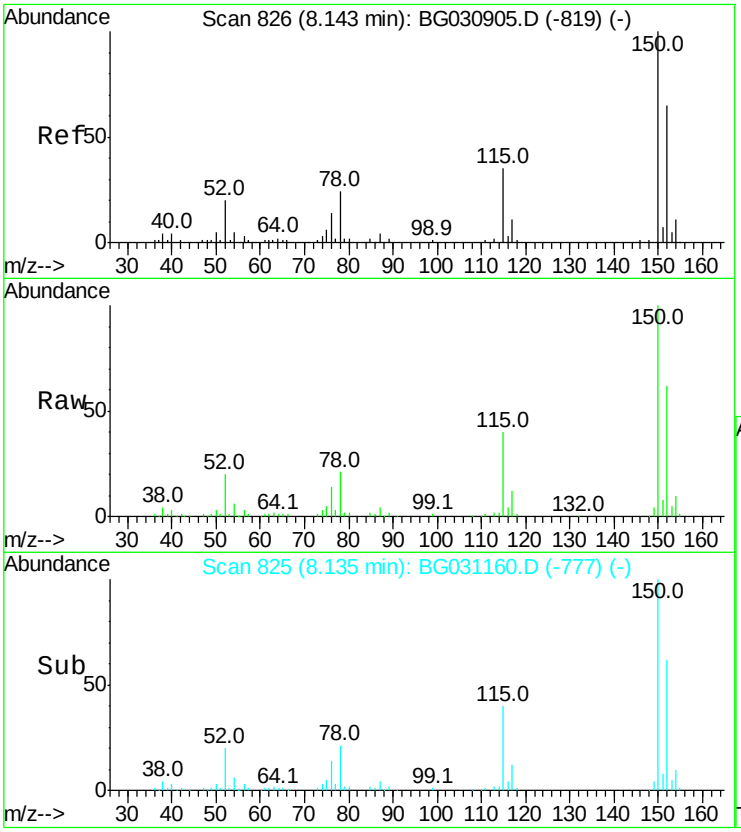


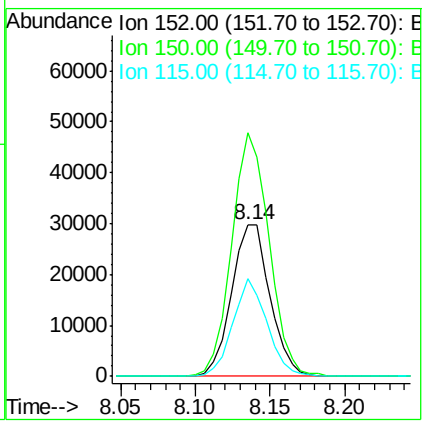


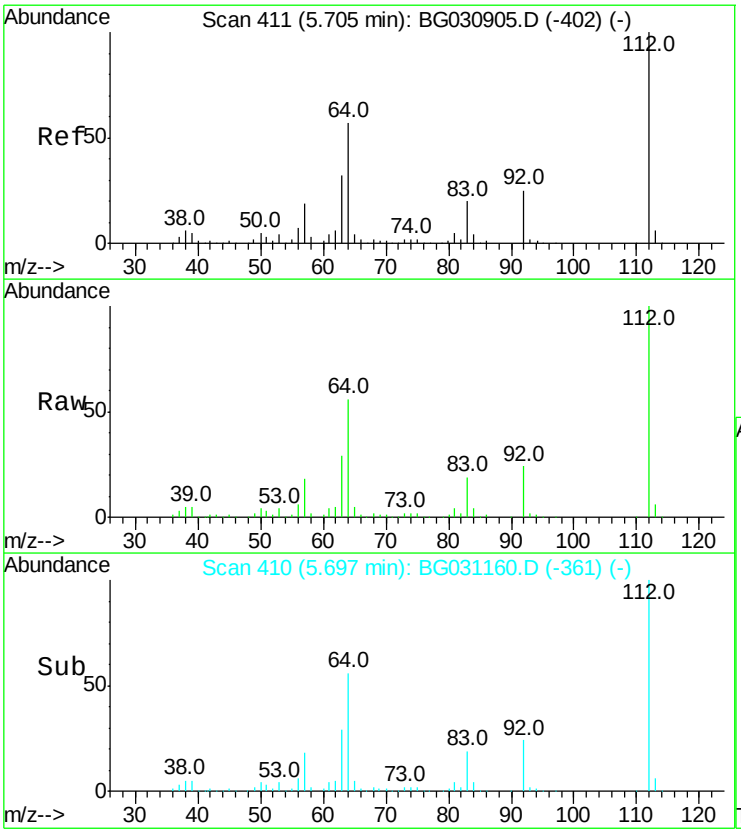
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Instrument :
BNA_G
ClientSampleId :
MW-22S

Tgt Ion:152 Resp: 53350

Ion	Ratio	Lower	Upper
152	100		
150	160.2	126.6	189.8
115	64.5	53.0	79.4

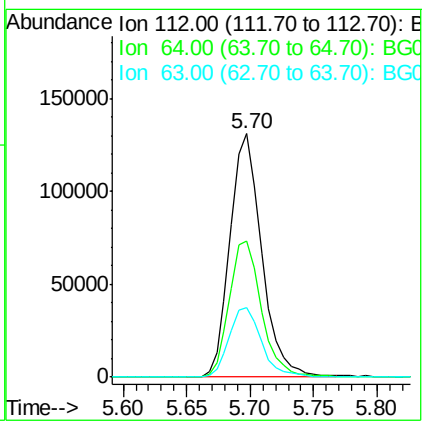


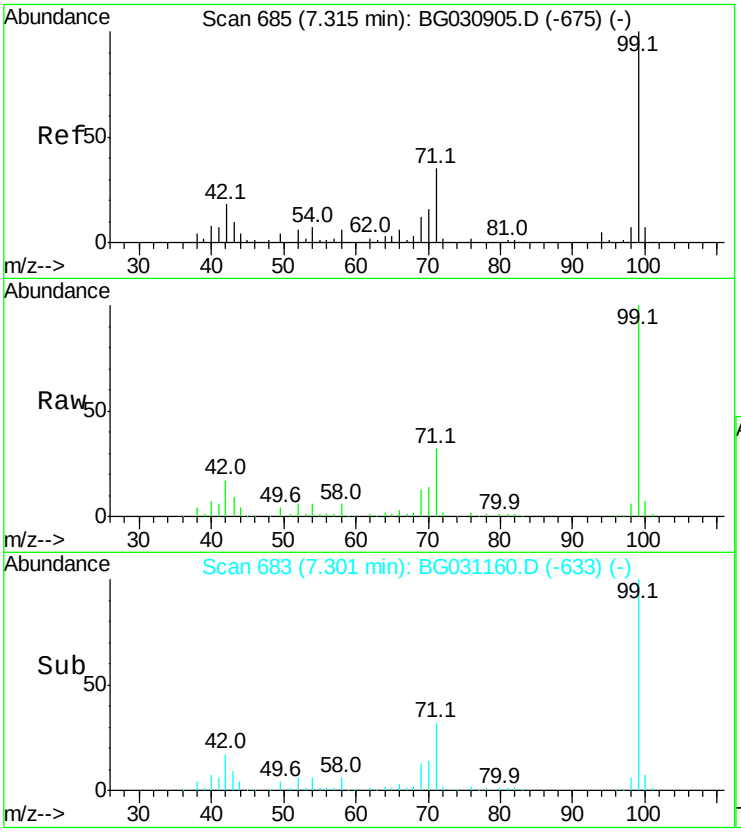


#5
2-Fluorophenol
Concen: 72.881 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Tgt Ion:112 Resp: 226750

Ion	Ratio	Lower	Upper
112	100		
64	55.9	56.3	84.5#
63	28.6	30.1	45.1#



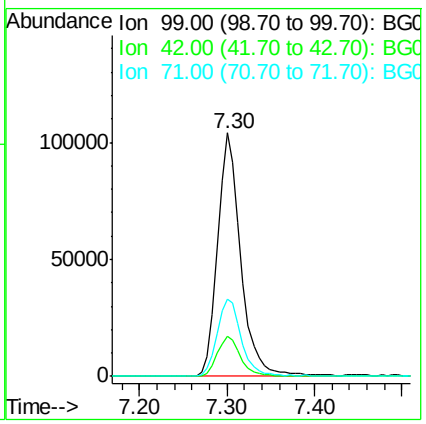


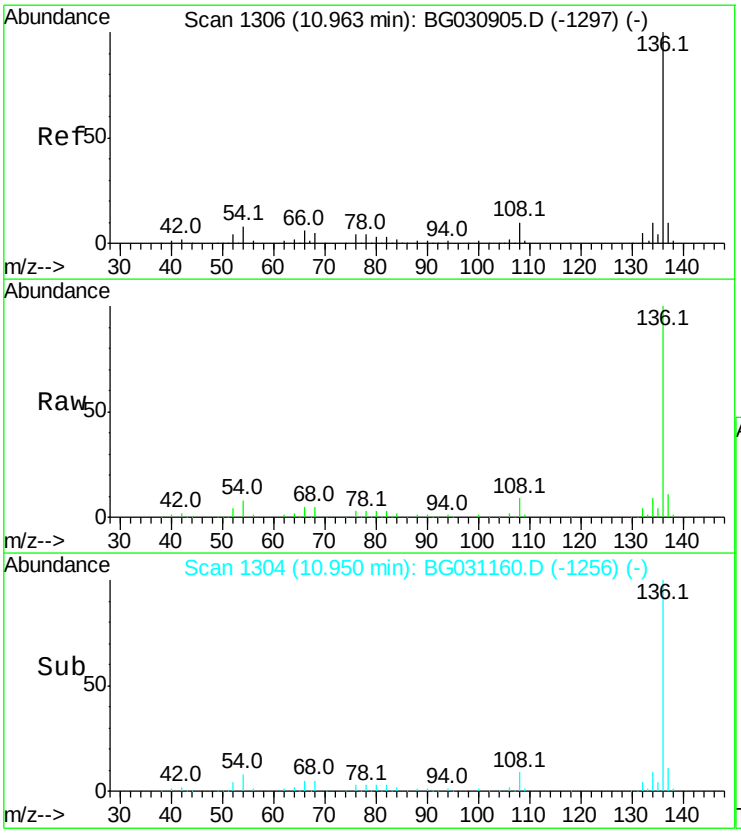
#7
Phenol-d6
Concen: 45.466 ng
RT: 7.30 min Scan# 683
Delta R.T. -0.01 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Instrument :
BNA_G
ClientSampleId :
MW-22S

Tgt Ion: 99 Resp: 190571

Ion	Ratio	Lower	Upper
99	100		
42	16.5	14.1	21.1
71	31.8	26.1	39.1

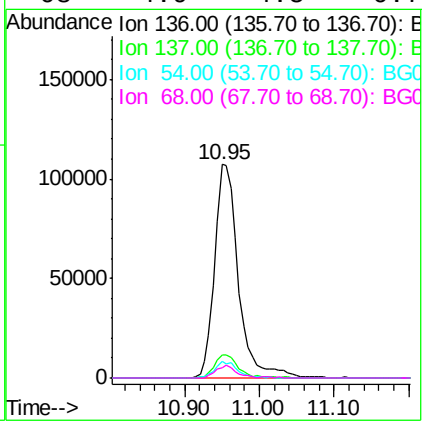


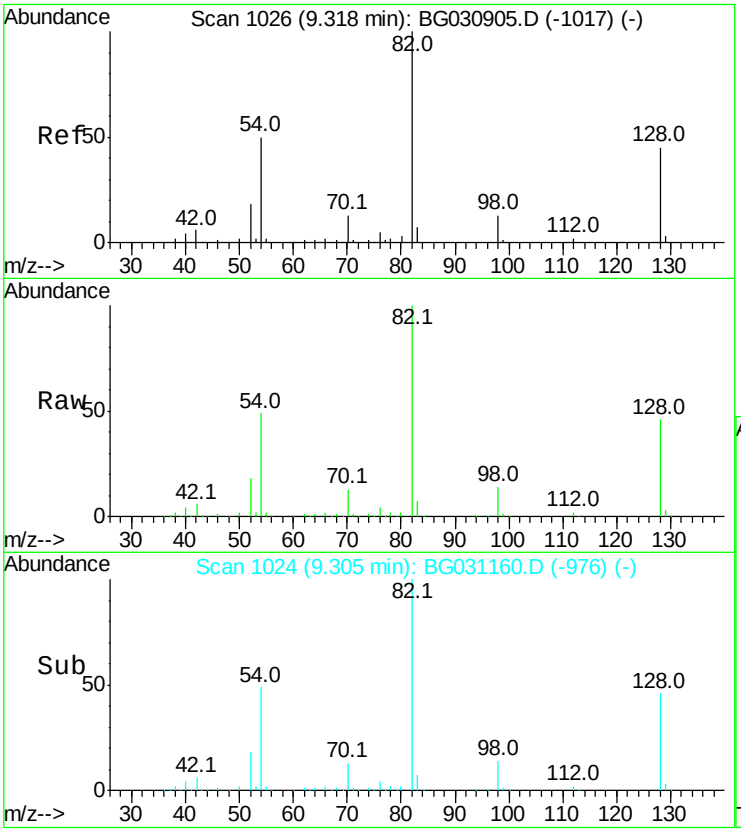


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Tgt Ion:136 Resp: 237231

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.6	10.3	15.5#
68	4.9	4.5	6.7



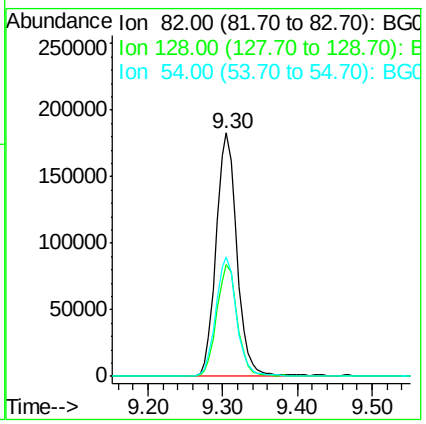


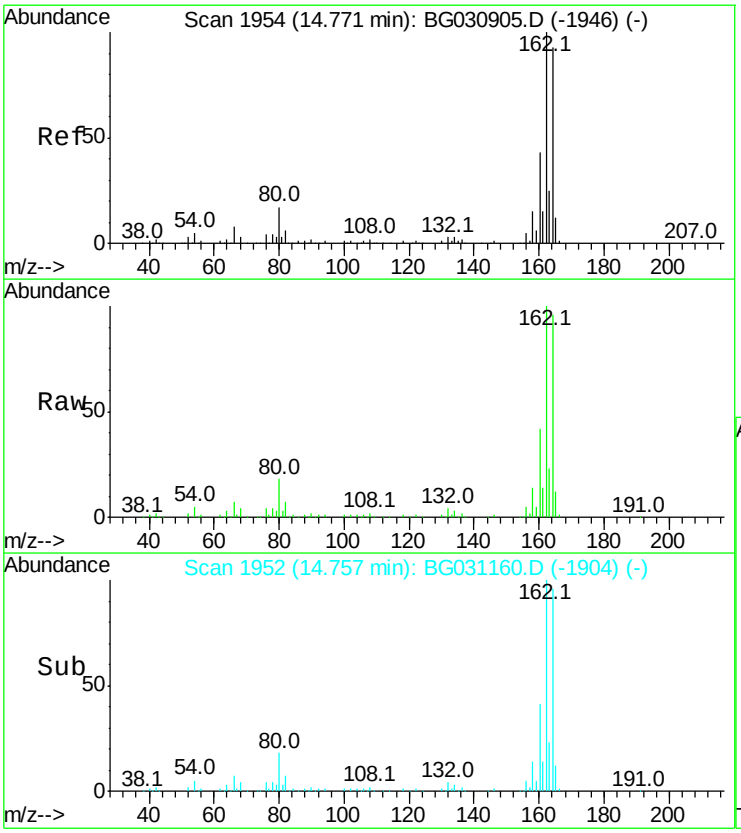
#23
Nitrobenzene-d5
Concen: 88.958 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Instrument :
BNA_G
ClientSampleId :
MW-22S

Tgt Ion: 82 Resp: 356142

Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	49.0	43.1	64.7

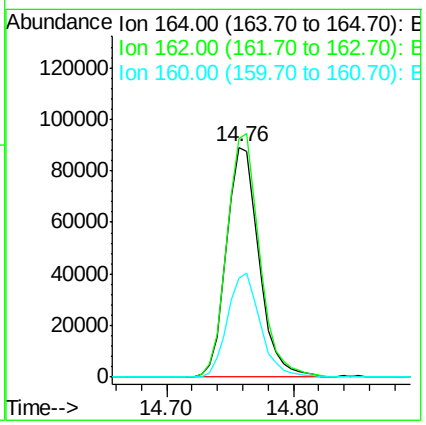


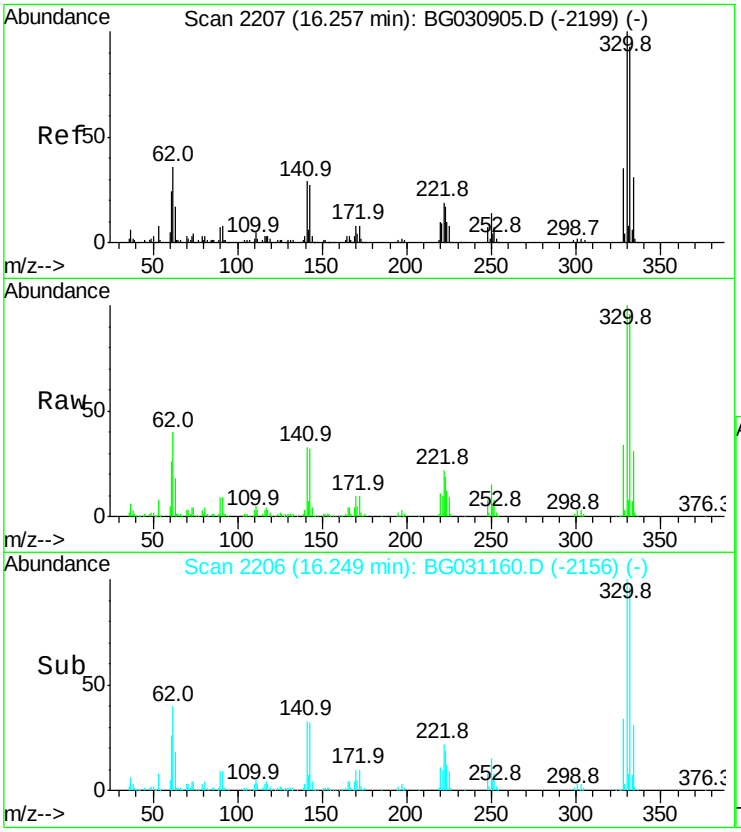


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Tgt Ion:164 Resp: 157811

Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	43.3	35.4	53.0



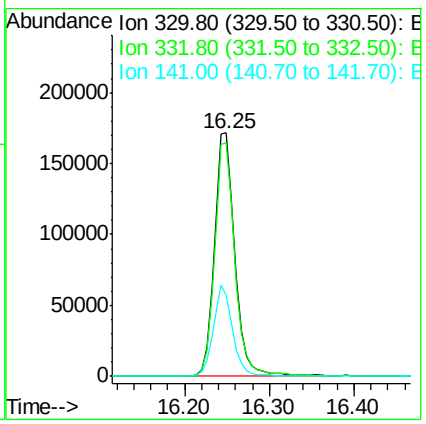


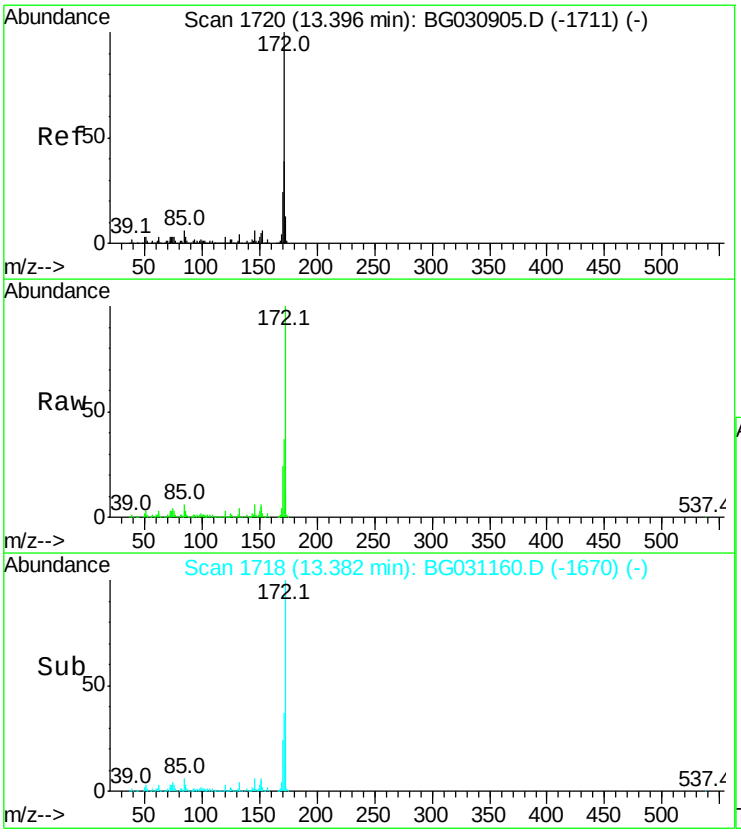
#41
2,4,6-Tribromophenol
Concen: 114.888 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Instrument :
BNA_G
ClientSampleId :
MW-22S

Tgt Ion:330 Resp: 293293

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	35.3	25.2	37.8

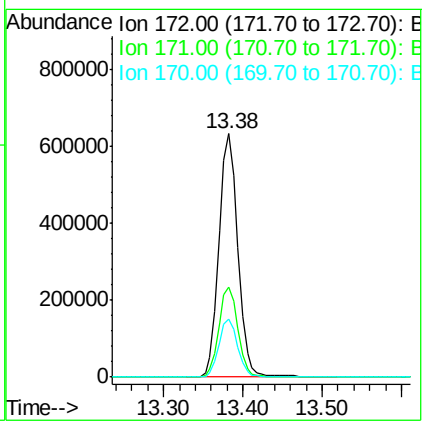


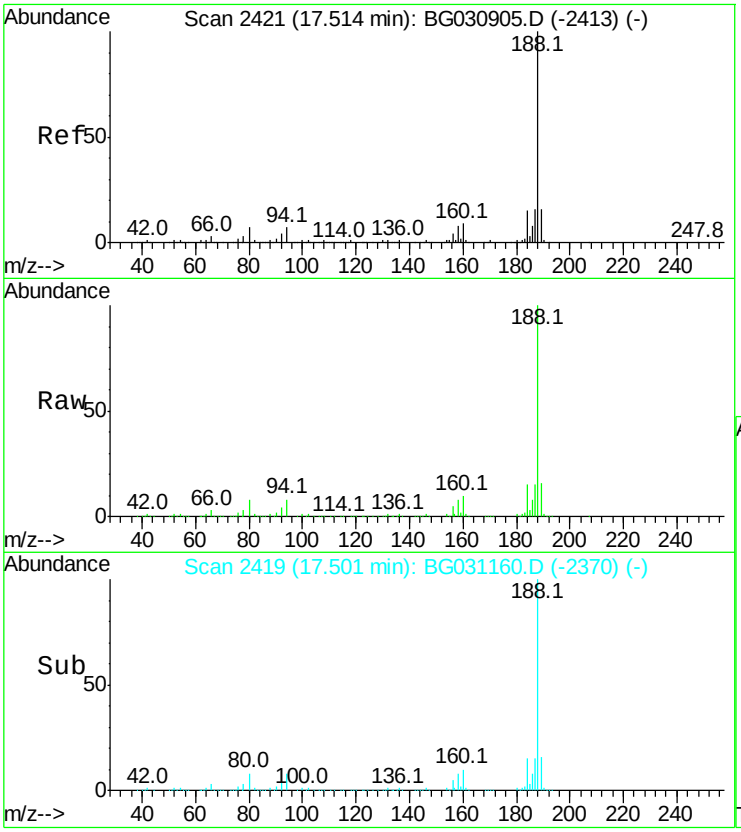


#44
2-Fluorobiphenyl
Concen: 95.679 ng
RT: 13.38 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Tgt Ion:172 Resp: 1050820

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	23.6	19.5	29.3



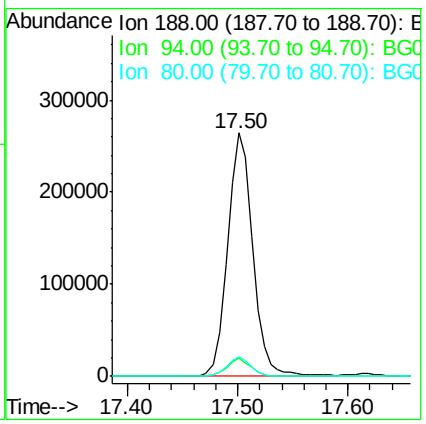


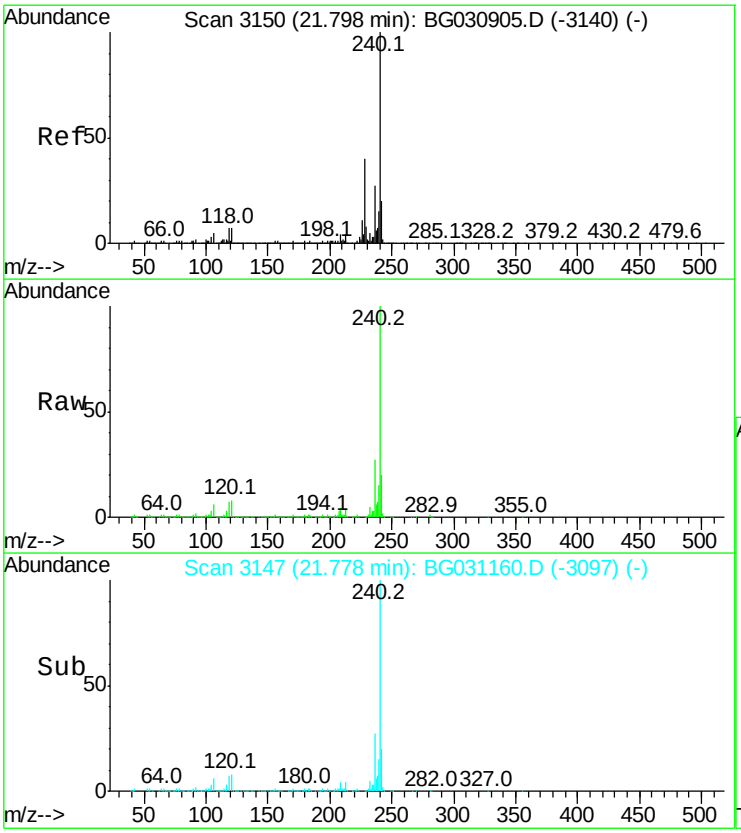
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Instrument :
BNA_G
ClientSampleId :
MW-22S

Tgt Ion:188 Resp: 422240

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.2	7.7	11.5

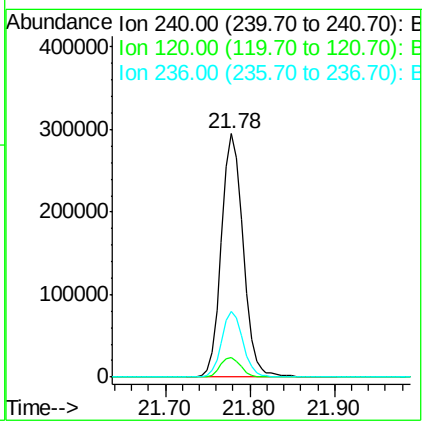


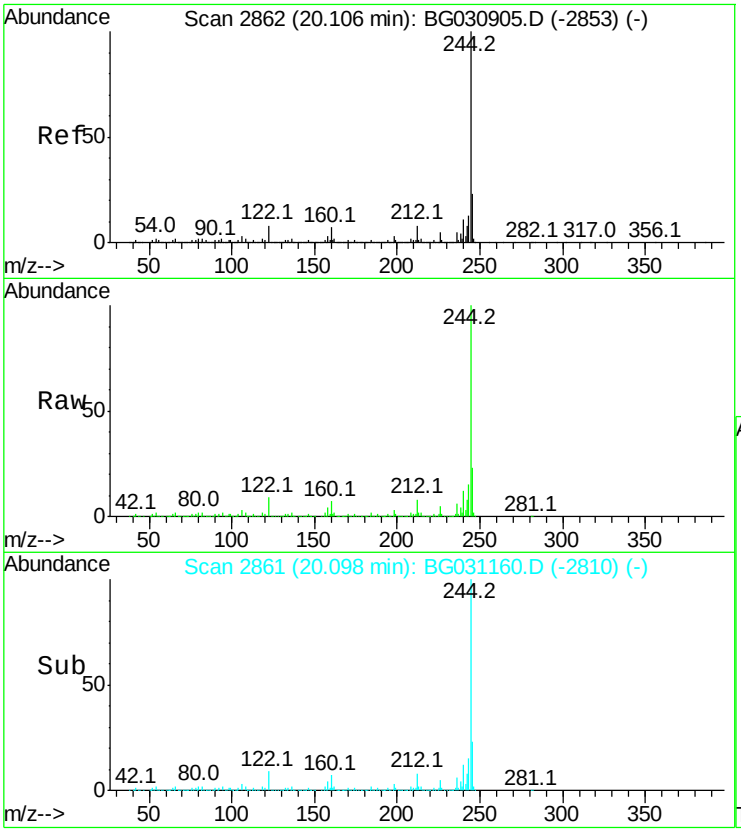


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Tgt Ion:240 Resp: 526628

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	27.1	20.9	31.3



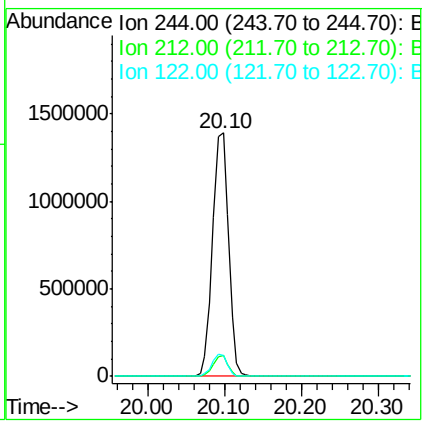


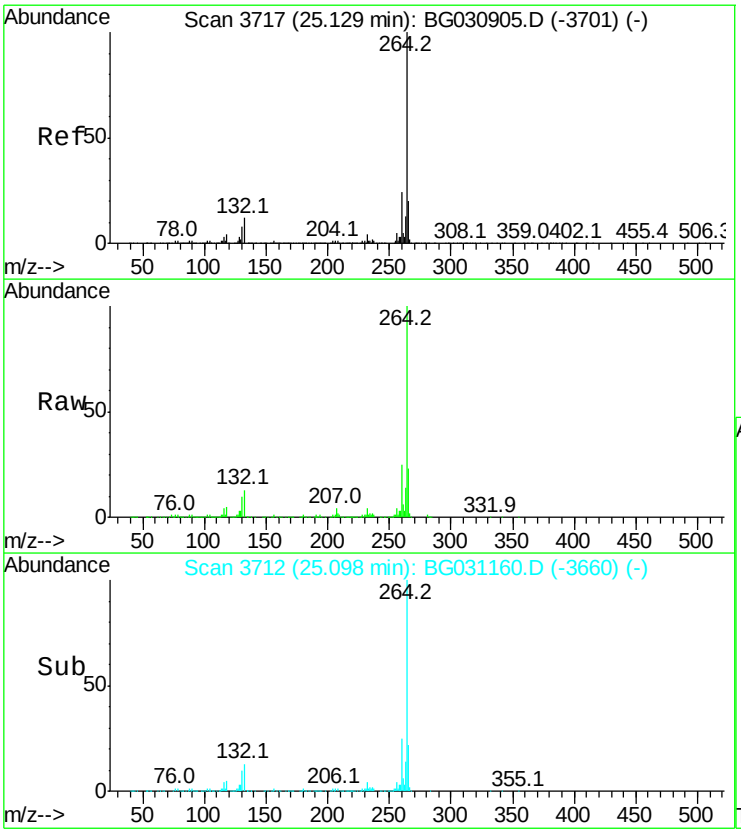
#78
Terphenyl-d14
Concen: 83.186 ng
RT: 20.10 min Scan# 2861
Delta R.T. 0.00 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Instrument :
BNA_G
ClientSampleId :
MW-22S

Tgt Ion:244 Resp: 1983977

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. 0.01 min
Lab File: BG031160.D
Acq: 21 Nov 2017 19:50

Tgt Ion:264 Resp: 498577

Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	22.5	17.7	26.5