Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120617\
Data File : BG031382.D
Acq On : 6 Dec 2017 22:05
Operator : SJ/JU
Sample : I6718-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RT-4651

Quant Time: Dec 07 02:42:11 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	8.13	152	67807	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	294498	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	193208	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	509031	20.00	ng	0.00
75) Chrysene-d12	21.76	240	559105	20.00	ng	0.00
86) Perylene-d12	25.07	264	517283	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	545216	137.88	ng	0.00
7) Phenol-d6	7.30	99	632791	118.78	ng	0.00
23) Nitrobenzene-d5	9.30	82	474885	95.55	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	331785	106.15	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1326044	98.62	ng	0.00
78) Terphenyl-d14	20.08	244	2304212	91.00	ng	0.00
Target Compounds						Qvalue

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

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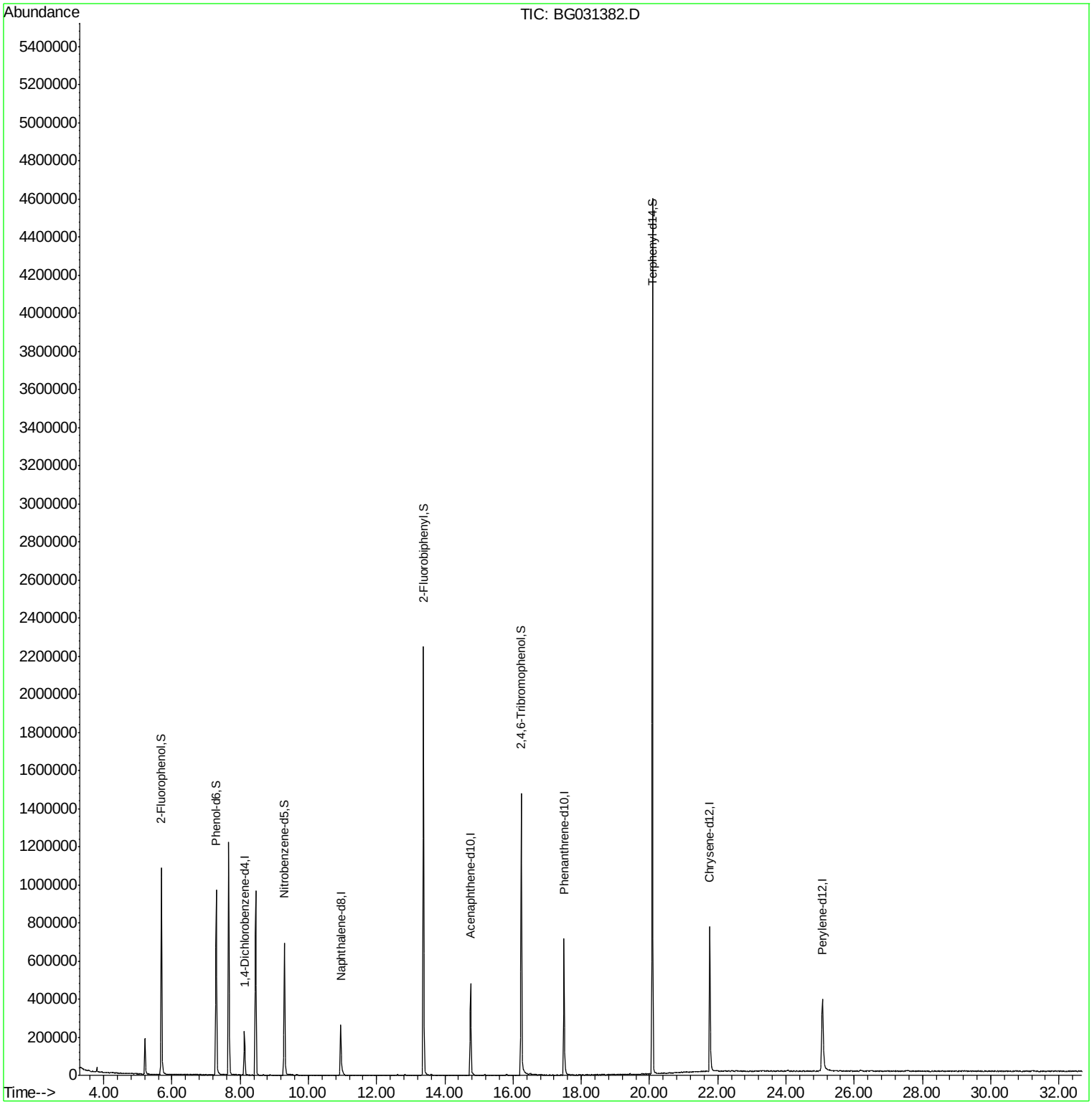
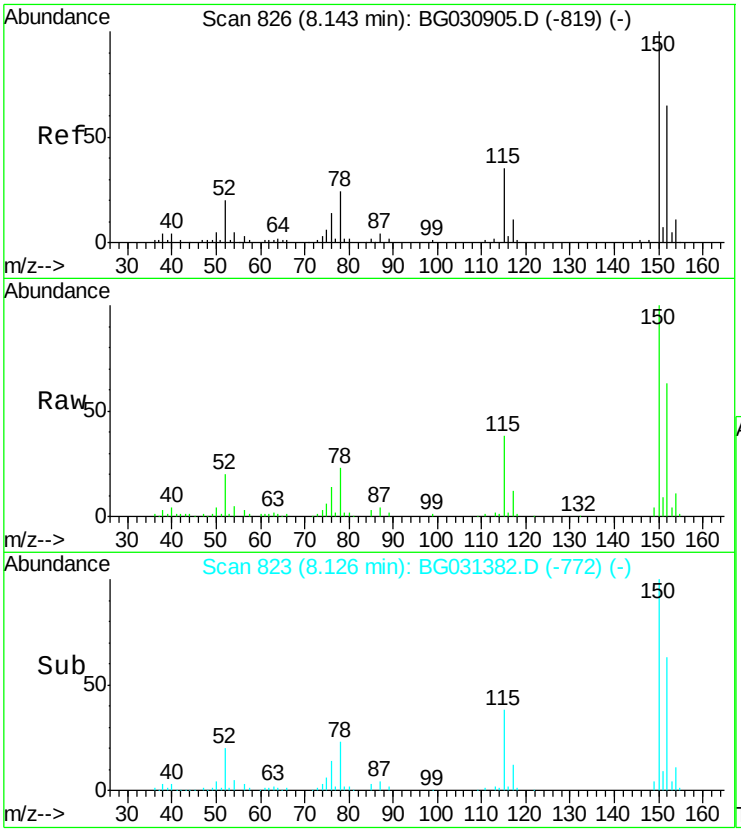


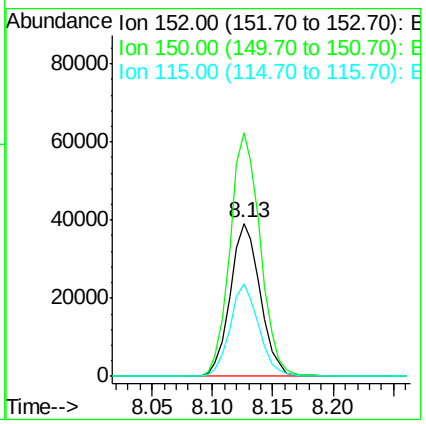


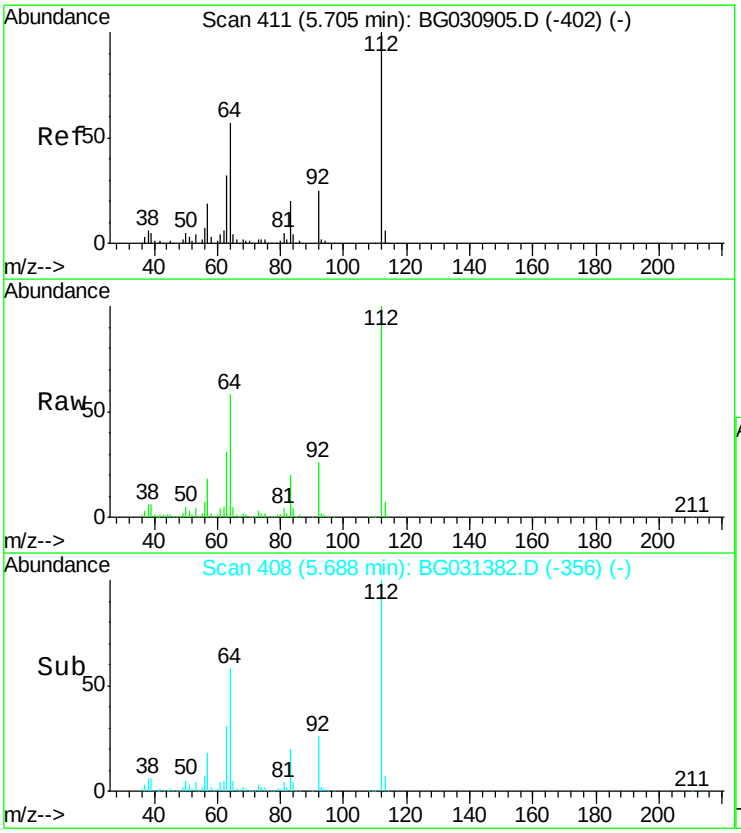
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :
RT-4651

Tgt Ion:152 Resp: 67807

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	60.2	53.0	79.4

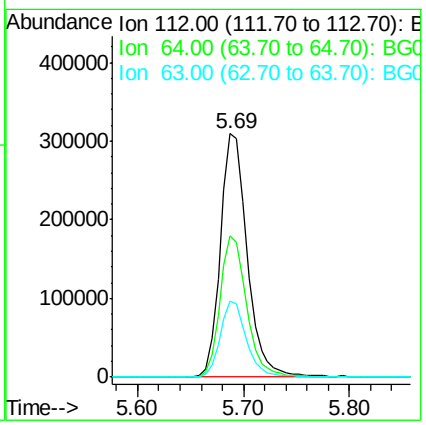


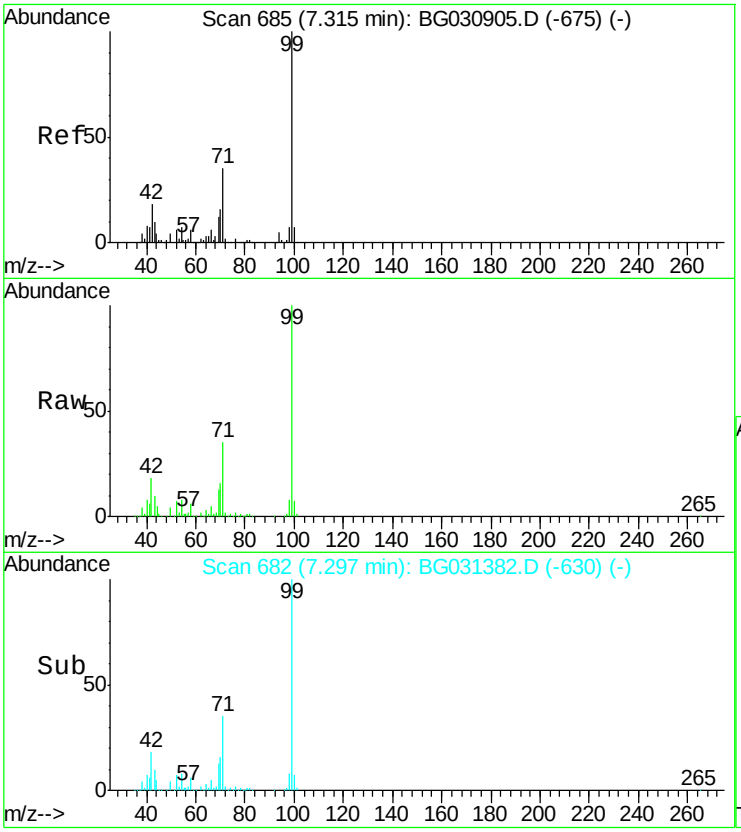


#5
2-Fluorophenol
Concen: 137.879 ng
RT: 5.69 min Scan# 408
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:112 Resp: 545216

Ion	Ratio	Lower	Upper
112	100		
64	58.2	56.3	84.5
63	31.4	30.1	45.1



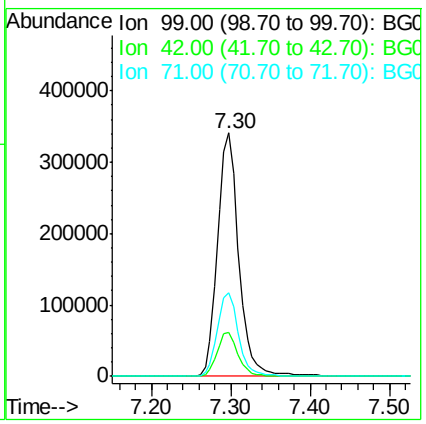


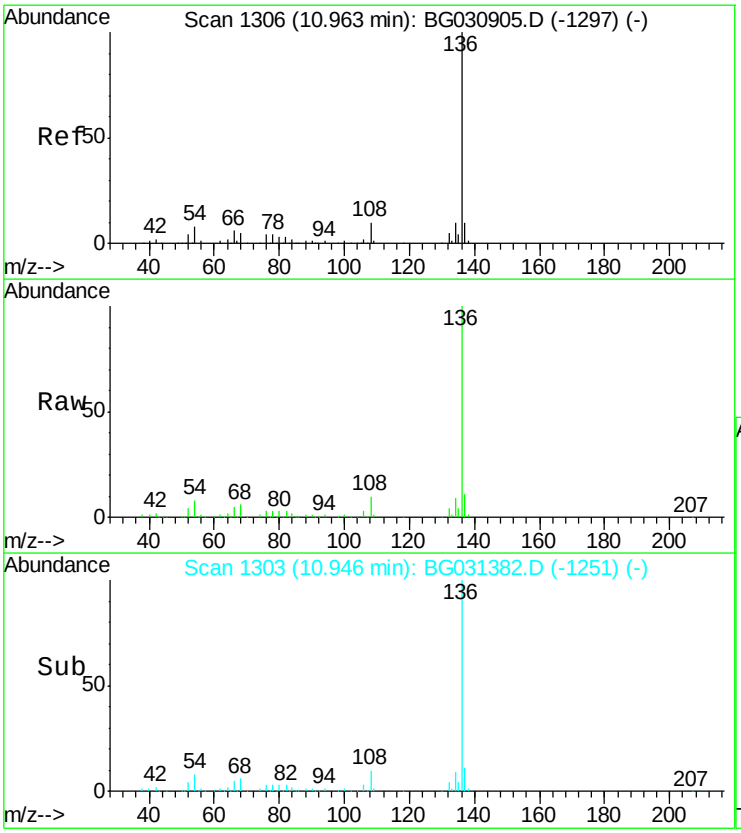
#7
Phenol-d6
Concen: 118.782 ng
RT: 7.30 min Scan# 682
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :
RT-4651

Tgt Ion: 99 Resp: 632791

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	34.6	26.1	39.1

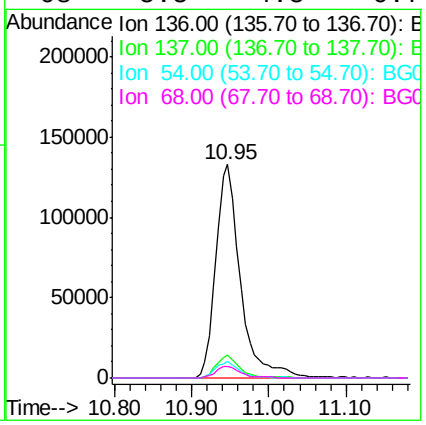


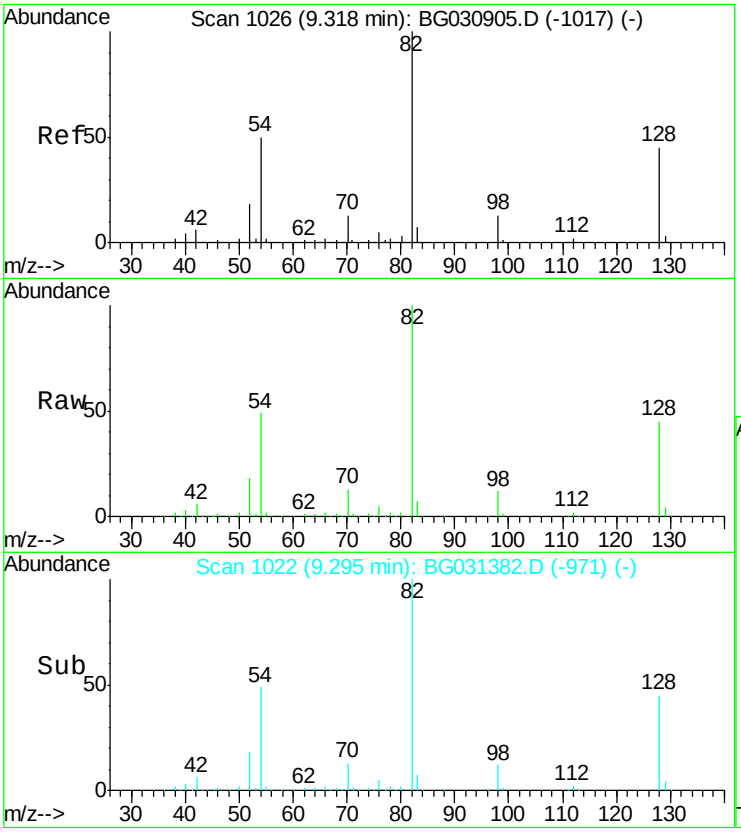


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:136 Resp: 294498

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.9	10.3	15.5#
68	5.5	4.5	6.7



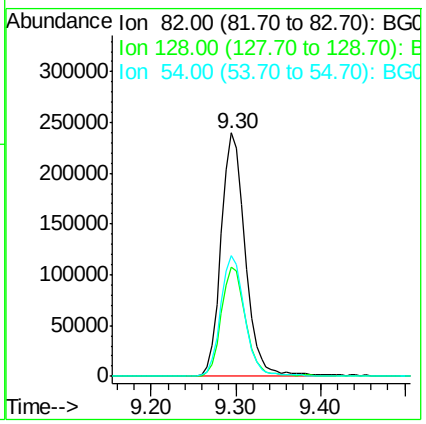


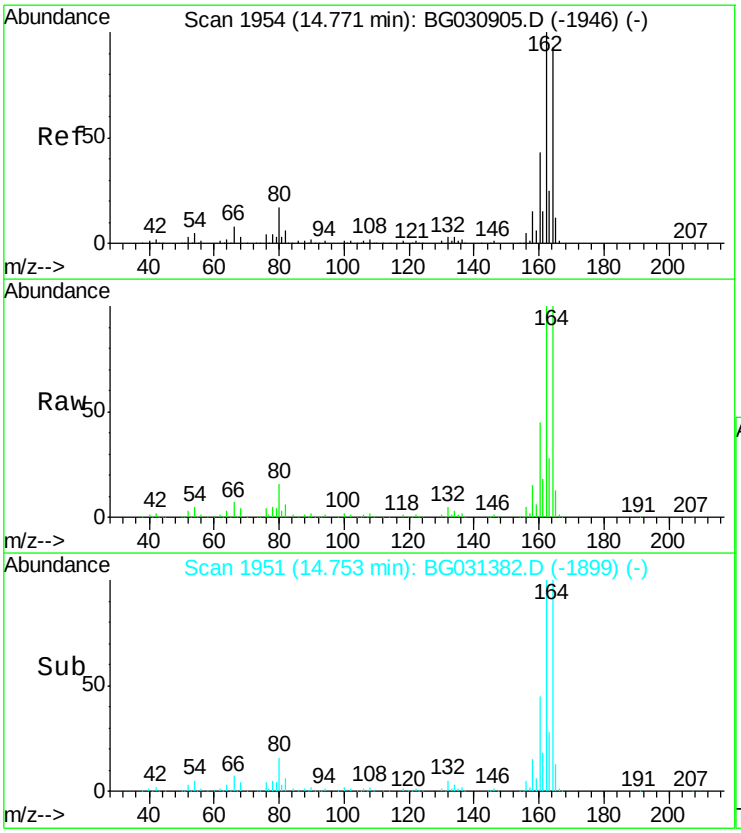
#23
Nitrobenzene-d5
Concen: 95.552 ng
RT: 9.30 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :
RT-4651

Tgt Ion: 82 Resp: 474885

Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	49.3	43.1	64.7

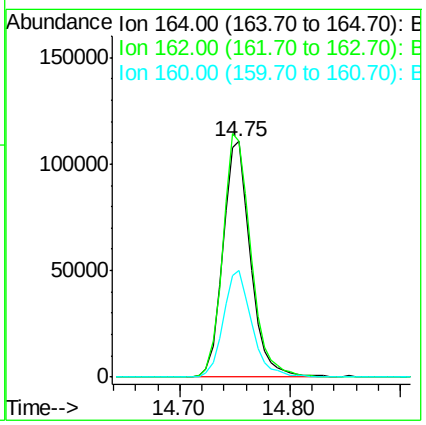


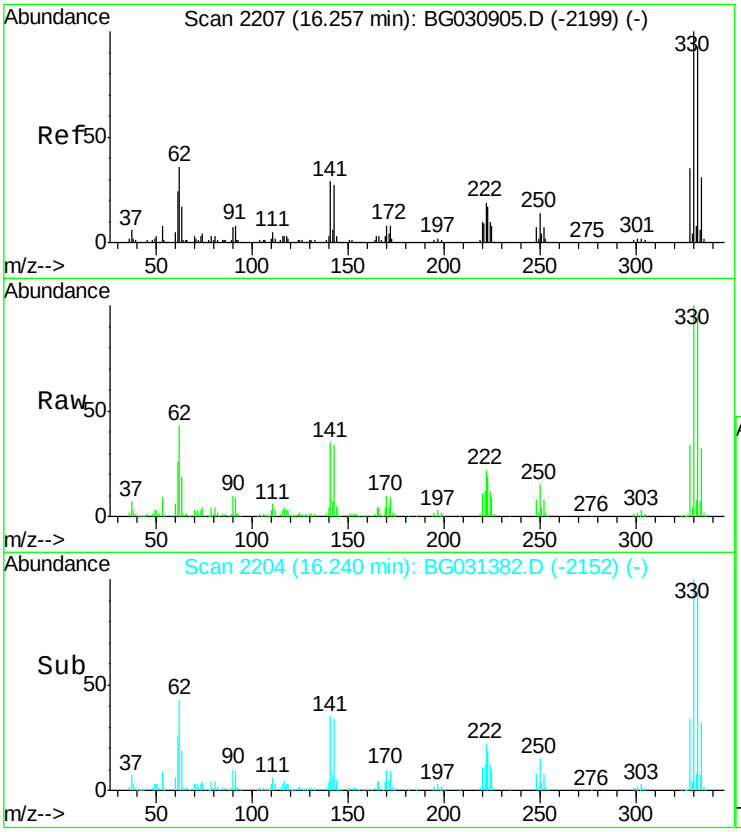


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:164 Resp: 193208

Ion	Ratio	Lower	Upper
164	100		
162	100.2	78.8	118.2
160	45.2	35.4	53.0



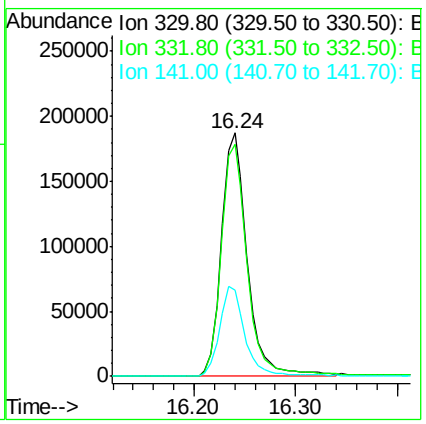


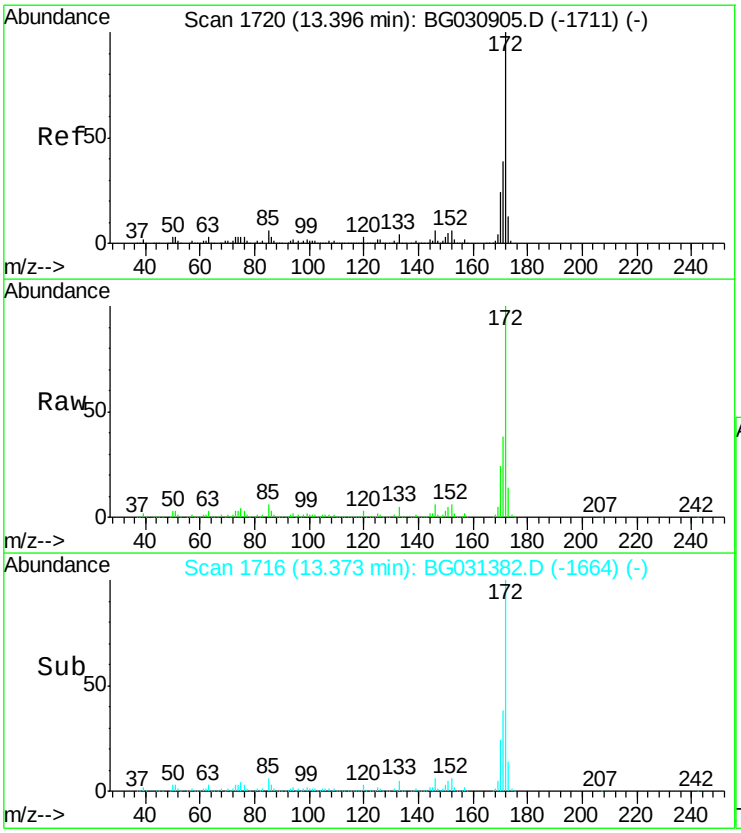
#41
2,4,6-Tribromophenol
Concen: 106.155 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :
RT-4651

Tgt Ion:330 Resp: 331785

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	36.8	25.2	37.8

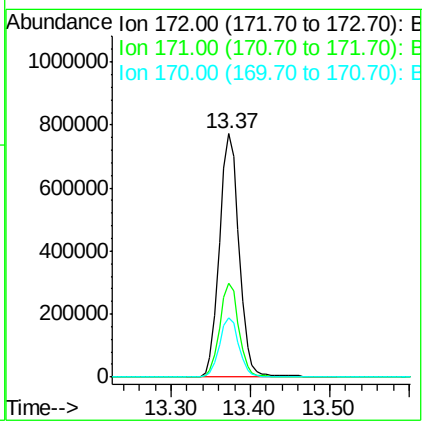


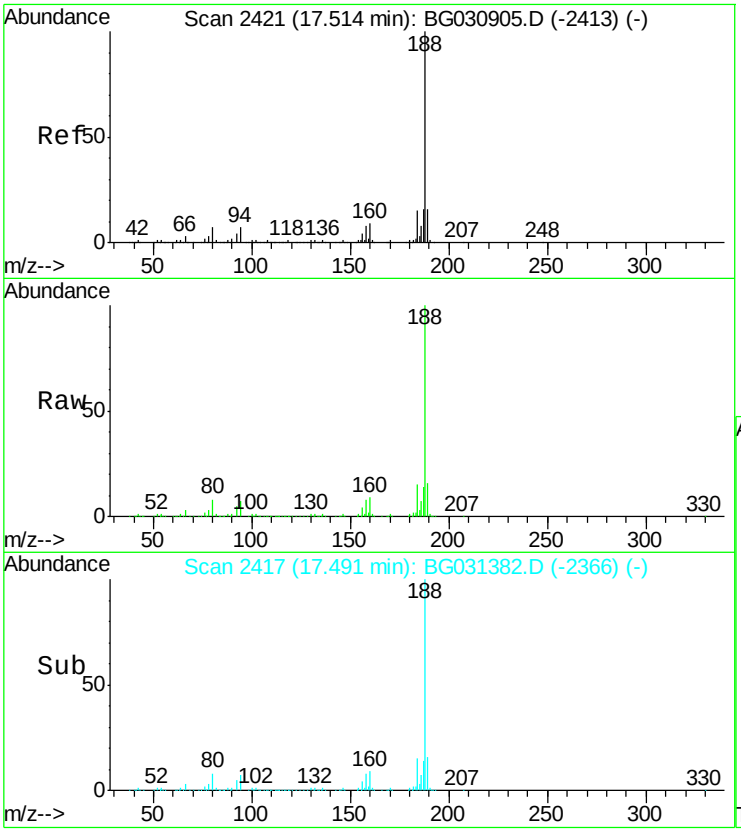


#44
2-Fluorobiphenyl
Concen: 98.618 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:172 Resp: 1326044

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.2	19.5	29.3



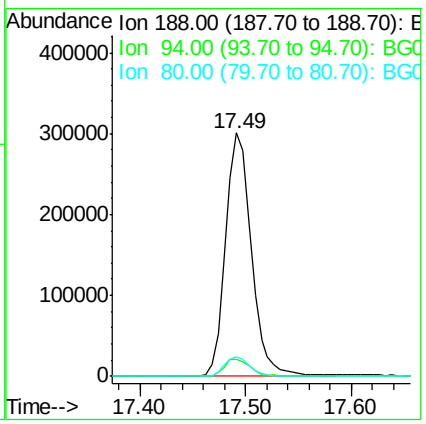


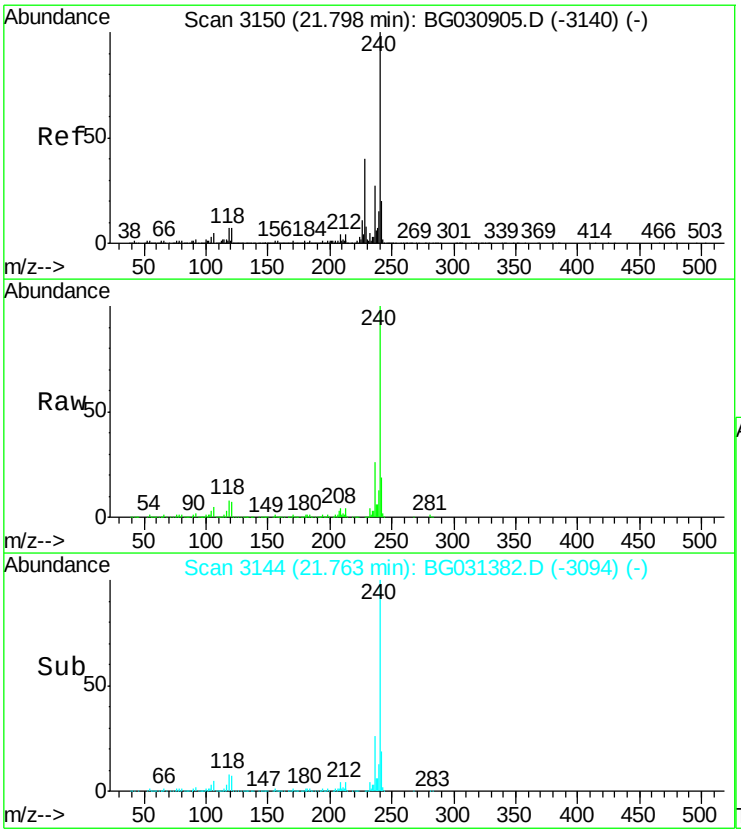
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :
RT-4651

Tgt Ion:188 Resp: 509031

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	8.0	7.7	11.5

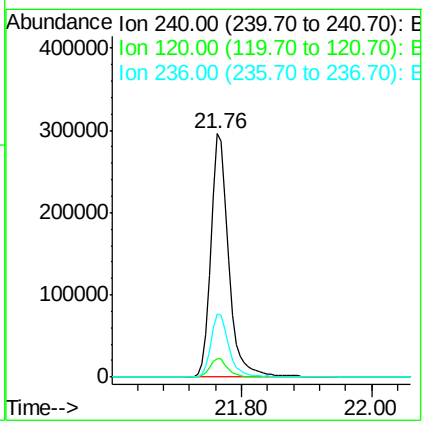


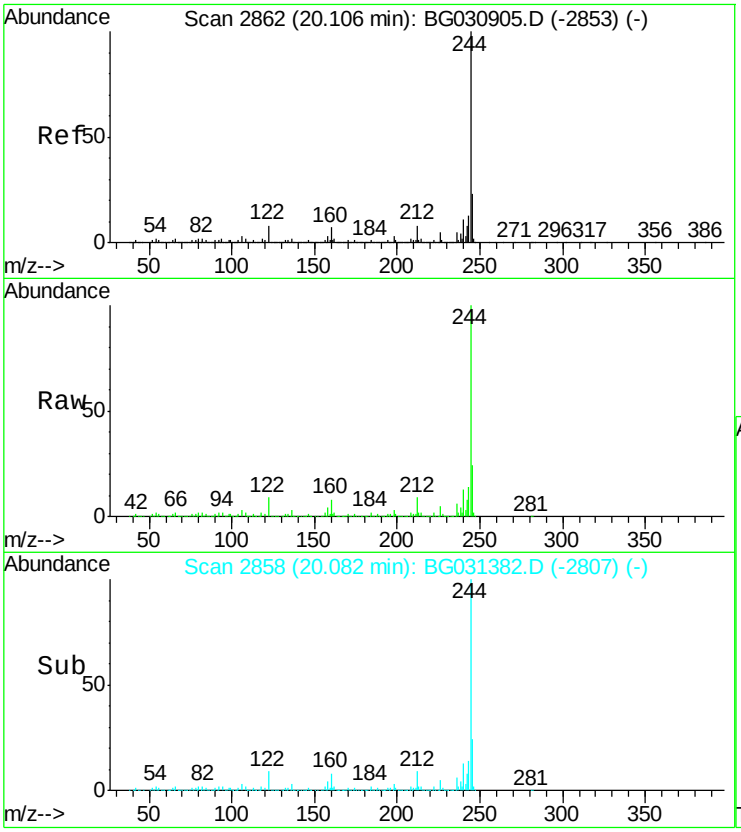


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:240 Resp: 559105

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	25.7	20.9	31.3



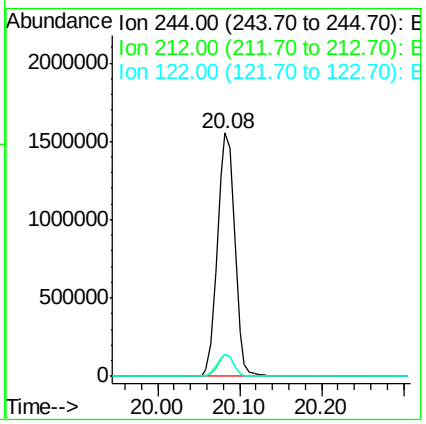


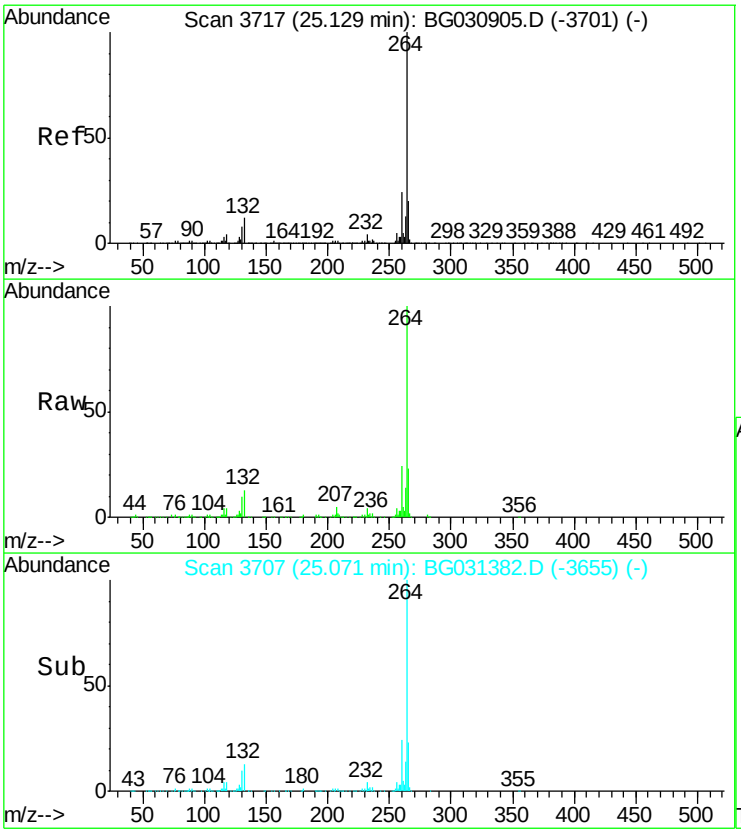
#78
Terphenyl-d14
Concen: 91.001 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Instrument :
BNA_G
ClientSampleId :
RT-4651

Tgt Ion:244 Resp: 2304212

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.2	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG031382.D
Acq: 6 Dec 2017 22:05

Tgt Ion:264 Resp: 517283

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.6	17.7	26.5