Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031657.D
Acq On : 19 Dec 2017 6:32
Operator : SJ/JU
Sample : I6940-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VB16206-VB16211

Quant Time: Dec 19 08:12:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	75775	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	325782	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	221123	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	570717	20.00	ng	0.00
75) Chrysene-d12	21.74	240	586887	20.00	ng	0.00
86) Perylene-d12	25.03	264	503545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	602754	141.00	ng	-0.01
7) Phenol-d6	7.26	99	735138	123.87	ng	0.00
23) Nitrobenzene-d5	9.27	82	500321	94.66	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	431190	166.45	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1459986	96.92	ng	0.00
78) Terphenyl-d14	20.06	244	2576164	99.87	ng	0.00
Target Compounds						Qvalue
69) Pentachlorophenol	17.17	266	9921	8.460	ng	90

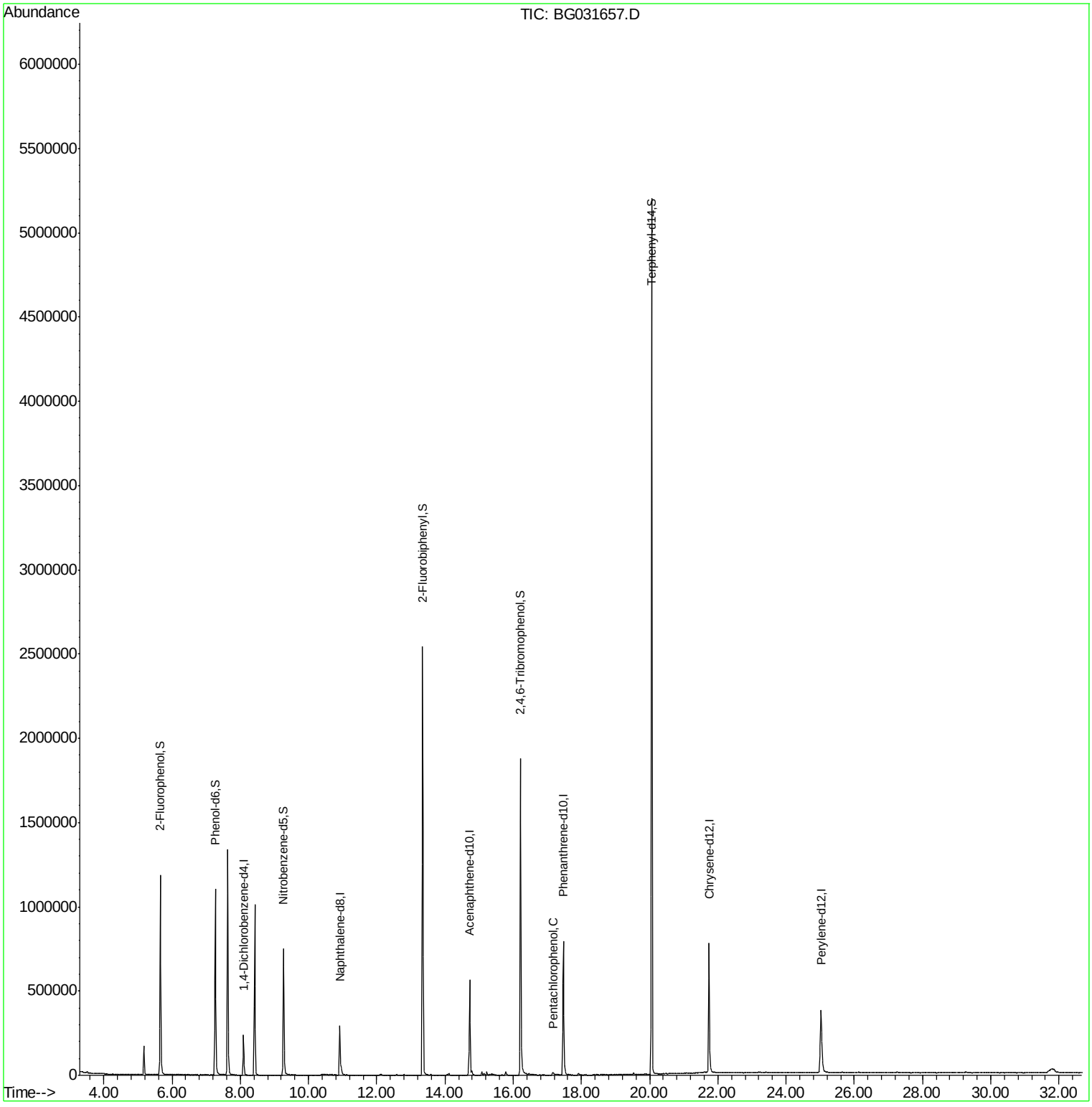
(#) = qualifier out of range (m) = manual integration (+) = signals summed

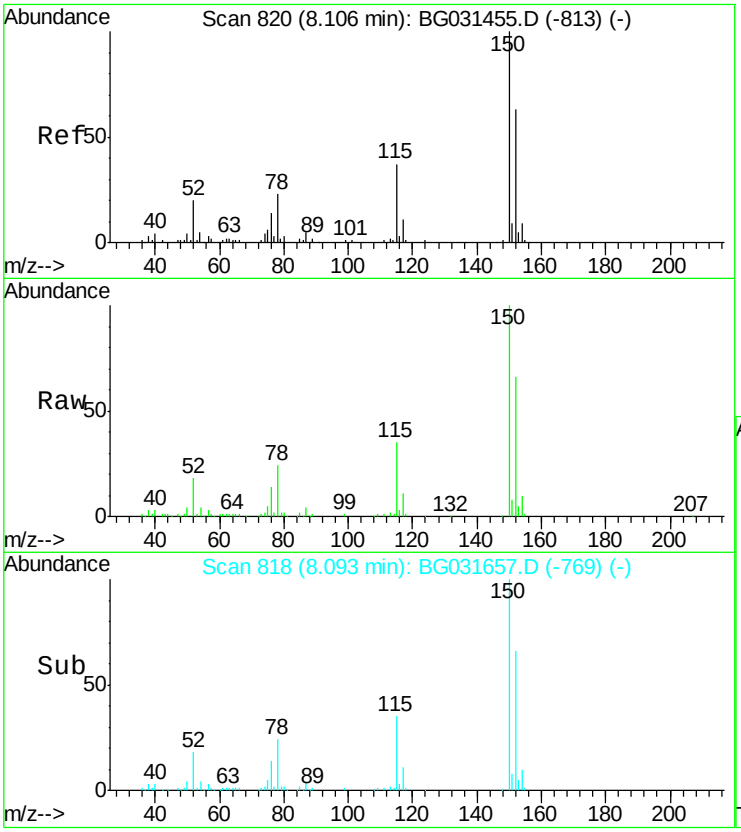
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031657.D
Acq On : 19 Dec 2017 6:32
Operator : SJ/JU
Sample : I6940-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Quant Time: Dec 19 08:12:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 17:25:55 2017
Response via : Initial Calibration



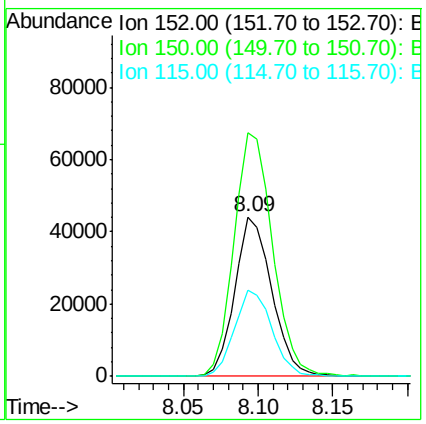


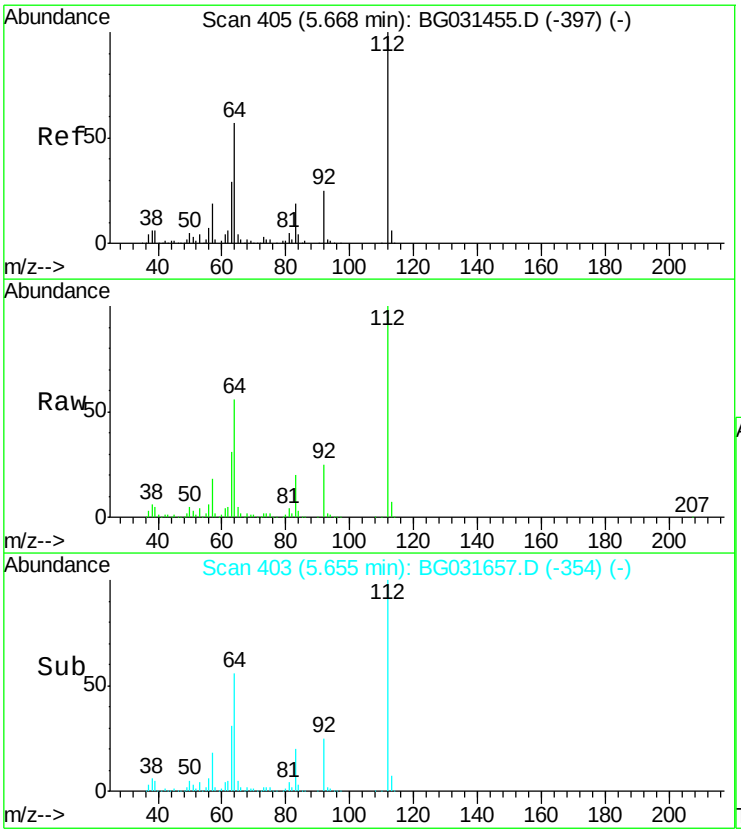
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion:152 Resp: 75775

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	54.0	53.0	79.4

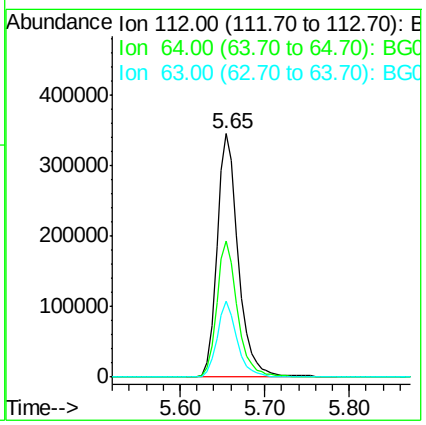


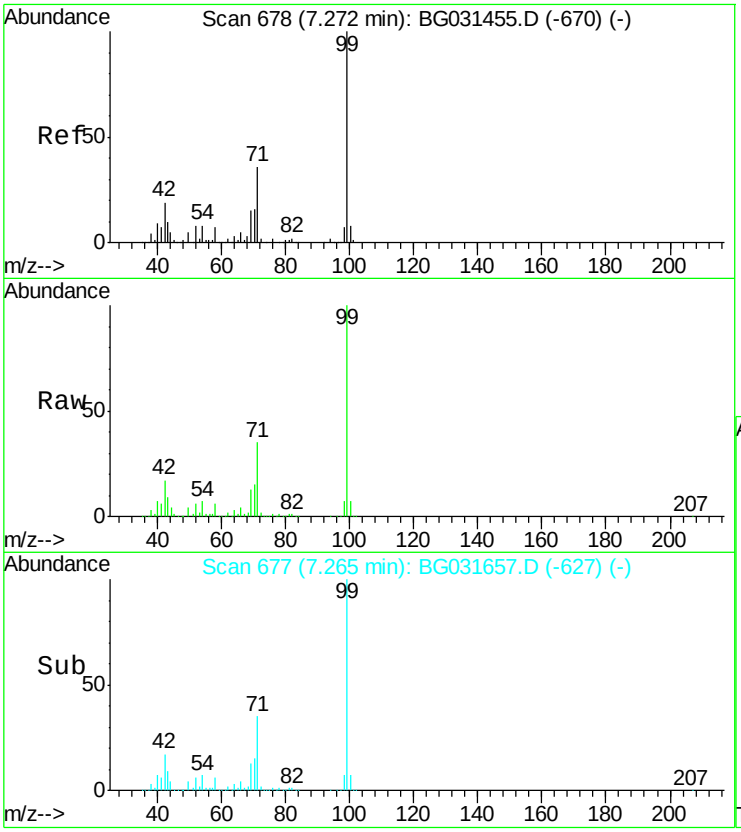


#5
2-Fluorophenol
Concen: 140.995 ng
RT: 5.65 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Tgt Ion:112 Resp: 602754

Ion	Ratio	Lower	Upper
112	100		
64	56.2	56.3	84.5#
63	30.9	30.1	45.1



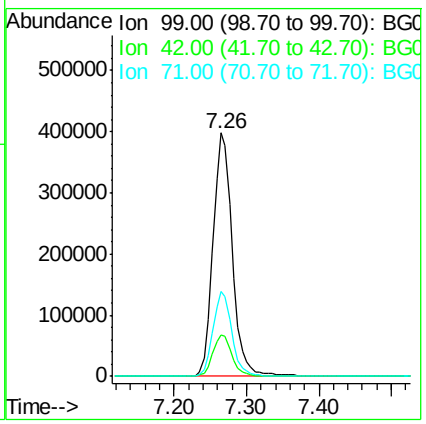


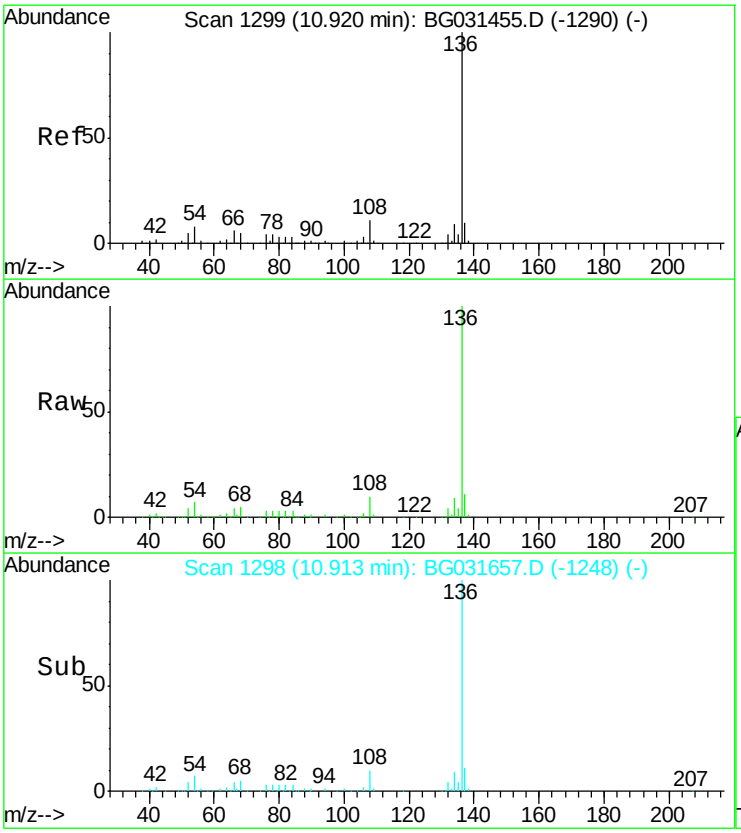
#7
Phenol-d6
Concen: 123.871 ng
RT: 7.26 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion: 99 Resp: 735138

Ion	Ratio	Lower	Upper
99	100		
42	17.1	14.1	21.1
71	34.7	26.1	39.1

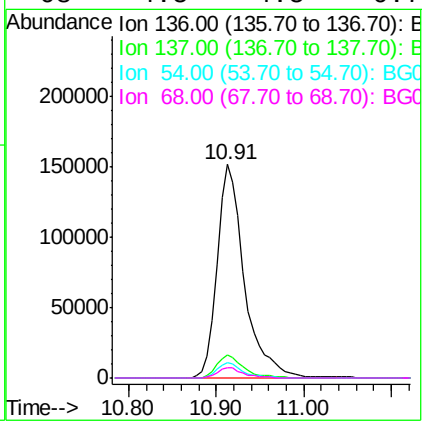


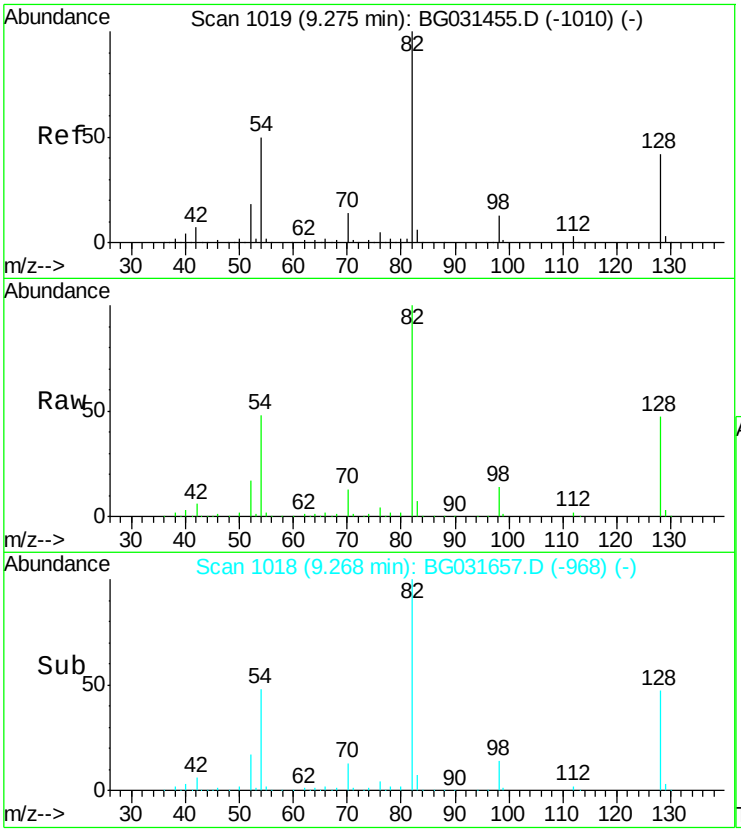


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Tgt Ion:136 Resp: 325782

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	7.2	10.3	15.5#
68	4.5	4.5	6.7



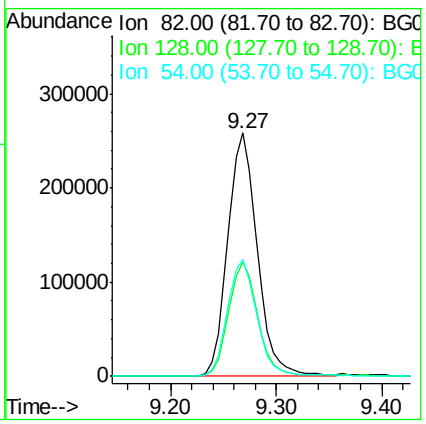


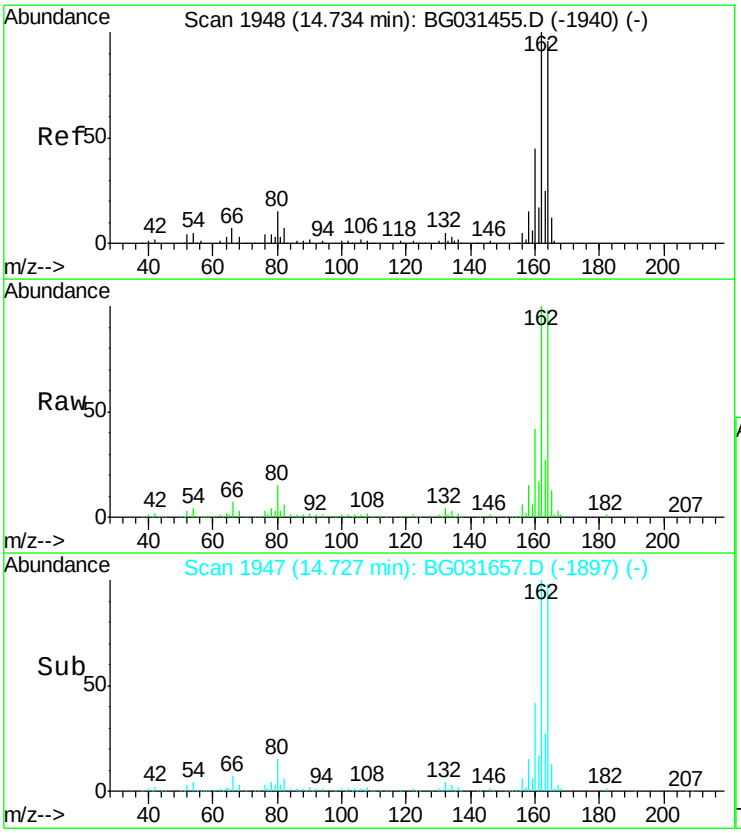
#23
Nitrobenzene-d5
Concen: 94.659 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion: 82 Resp: 500321

Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	48.3	43.1	64.7

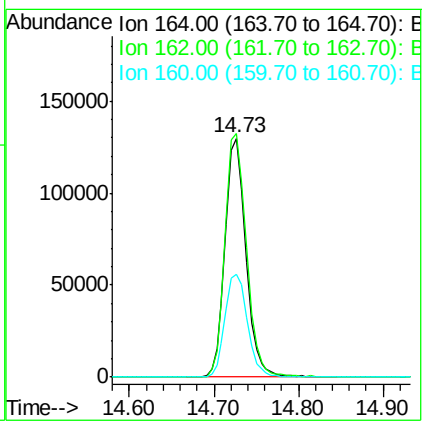


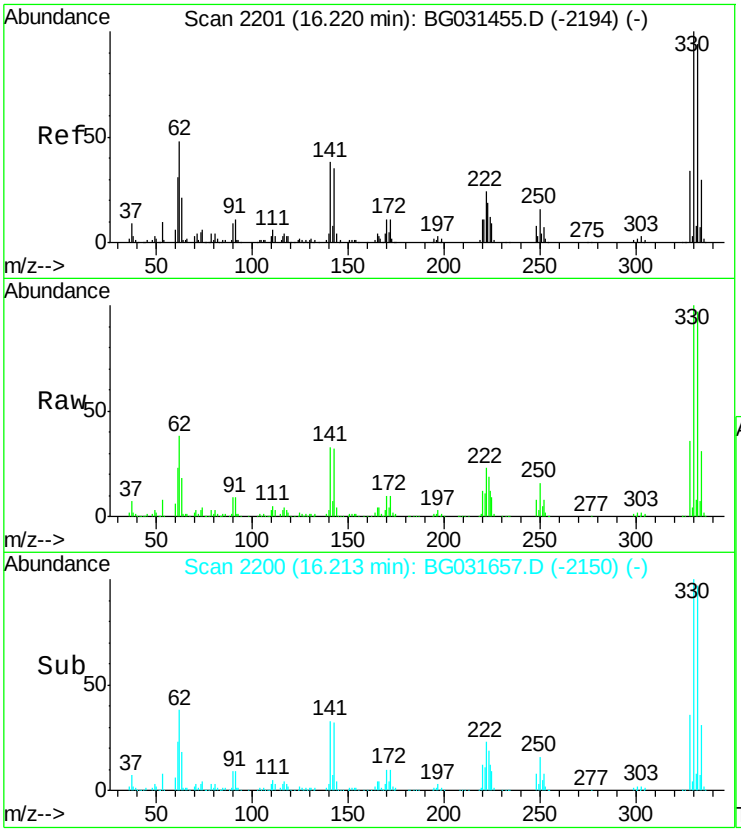


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Tgt Ion:164 Resp: 221123

Ion	Ratio	Lower	Upper
164	100		
162	101.9	78.8	118.2
160	42.8	35.4	53.0



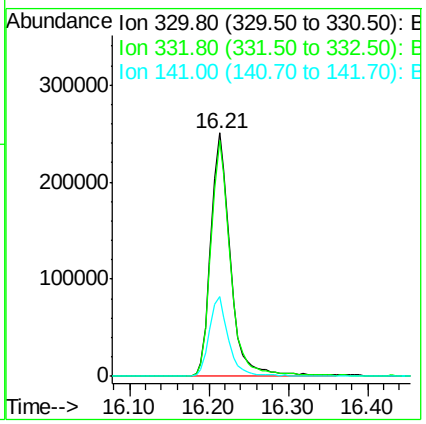


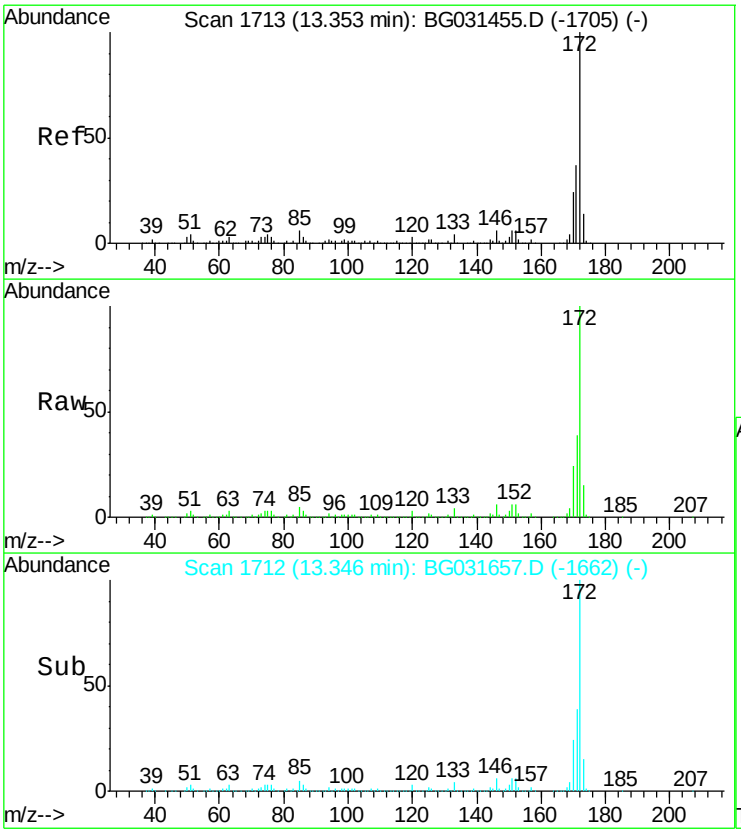
#41
2,4,6-Tribromophenol
Concen: 166.447 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion:330 Resp: 431190

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.0	25.2	37.8

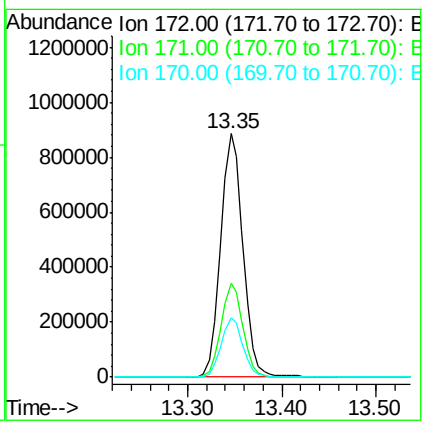


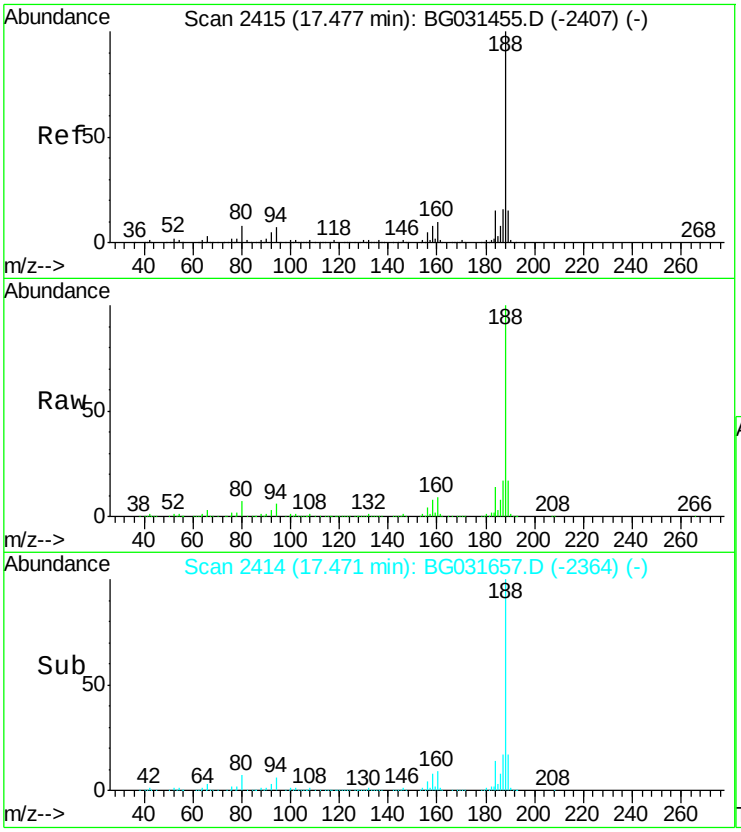


#44
2-Fluorobiphenyl
Concen: 96.918 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Tgt Ion:172 Resp: 1459986

Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	24.5	19.5	29.3



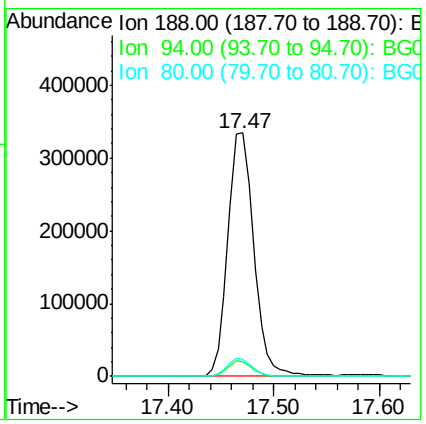


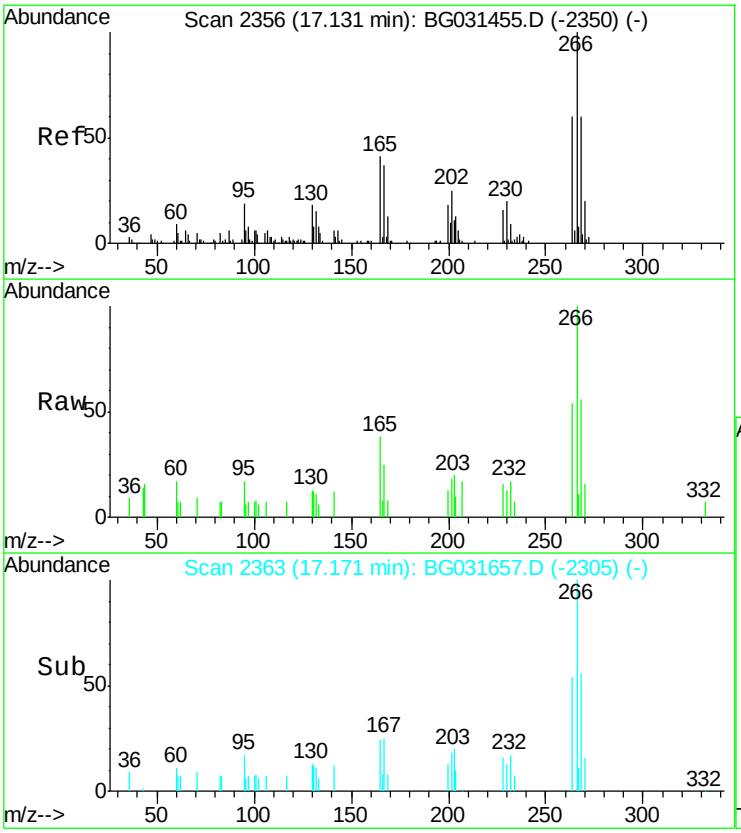
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion:188 Resp: 570717

Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.8	7.7	11.5#

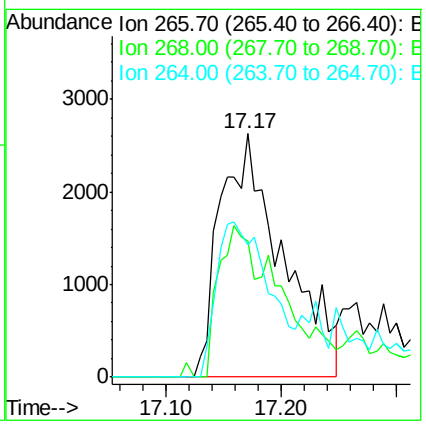


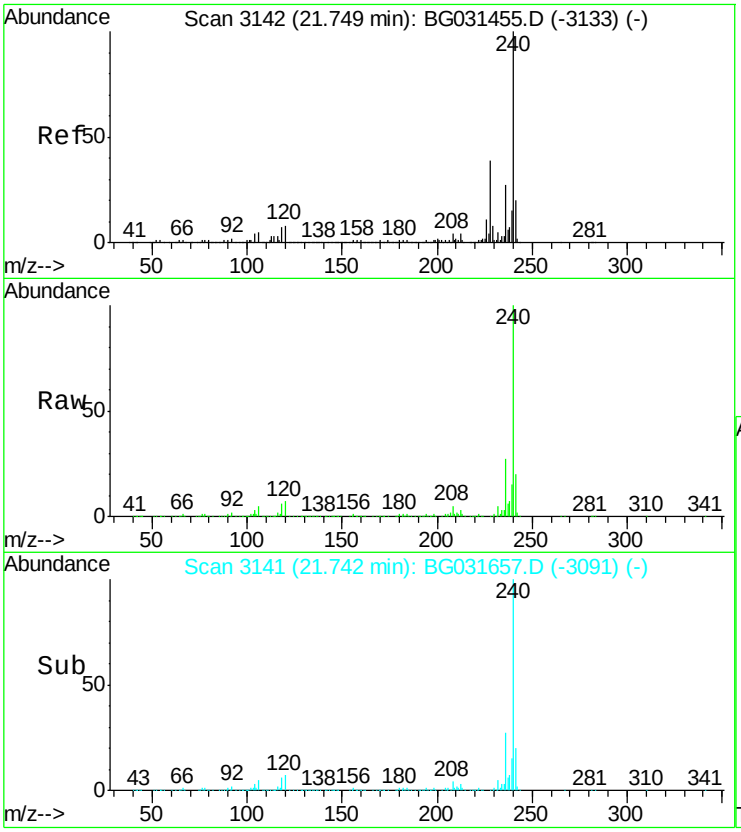


#69
Pentachlorophenol
Concen: 8.460 ng
RT: 17.17 min Scan# 2363
Delta R.T. 0.04 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Tgt Ion:266 Resp: 9921

Ion	Ratio	Lower	Upper
266	100		
268	55.7	51.1	76.7
264	54.1	49.6	74.4



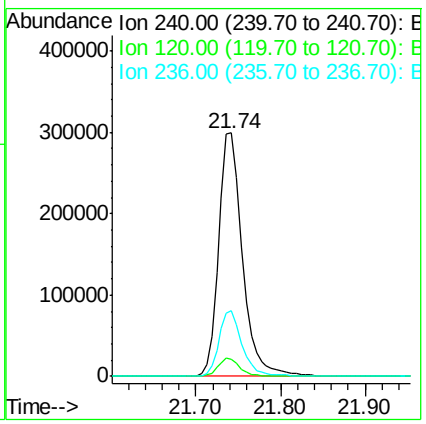


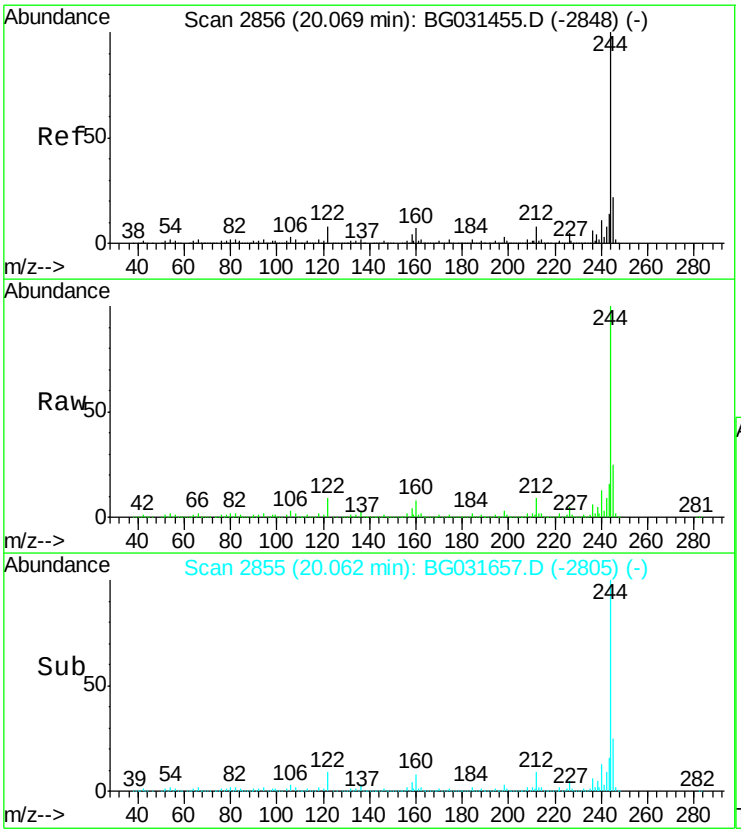
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion:240 Resp: 586887

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.8	10.2
236	26.8	20.9	31.3

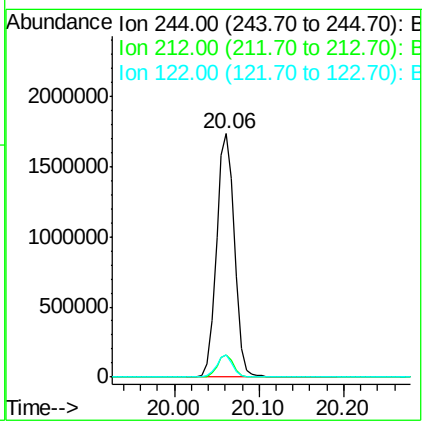


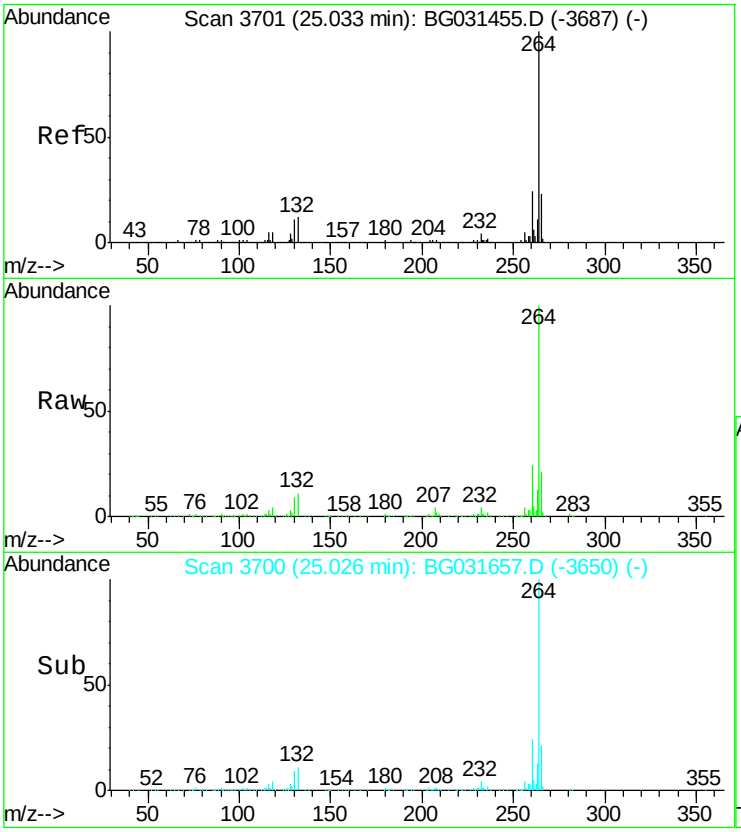


#78
Terphenyl-d14
Concen: 99.869 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Tgt Ion:244 Resp: 2576164

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	9.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031657.D
Acq: 19 Dec 2017 6:32

Instrument :
BNA_G
ClientSampleId :
VB16206-VB16211

Tgt Ion:264 Resp: 503545

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.6	17.7	26.5