Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038524.D
Acq On : 13 Dec 2018 9:32
Operator : JU/SJ
Sample : PB115618TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115618TB

Quant Time: Dec 13 10:27:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

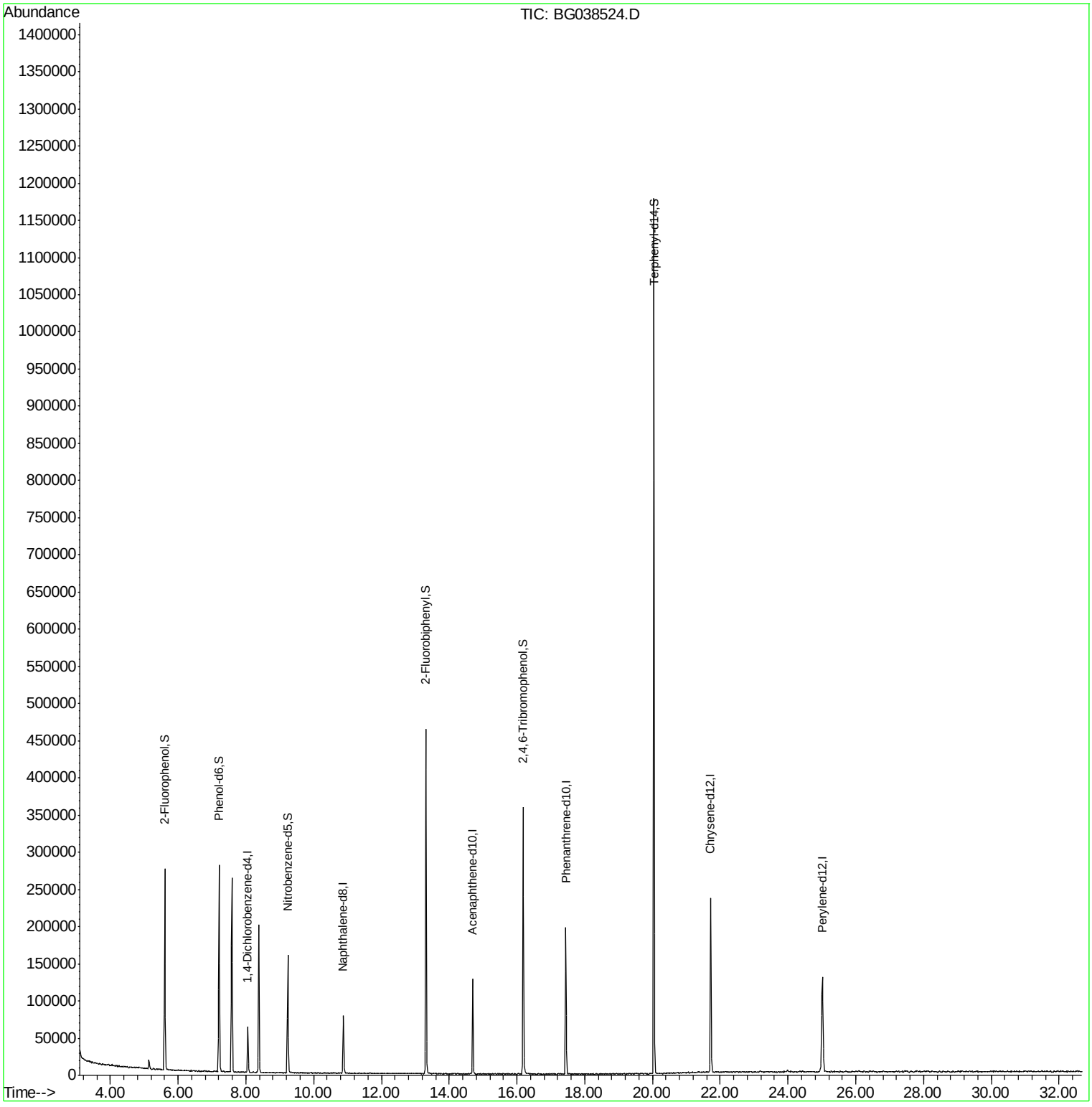
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17139	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	70186	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	47957	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136199	20.00	ng	0.00
76) Chrysene-d12	21.72	240	152156	20.00	ng	-0.01
87) Perylene-d12	25.01	264	161670	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	116131	120.18	ng	0.00
7) Phenol-d6	7.21	99	157229	118.52	ng	0.00
23) Nitrobenzene-d5	9.24	82	100053	72.83	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	74498	112.72	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	249838	71.47	ng	0.00
79) Terphenyl-d14	20.04	244	577981	82.67	ng	0.00
Target Compounds						Qvalue

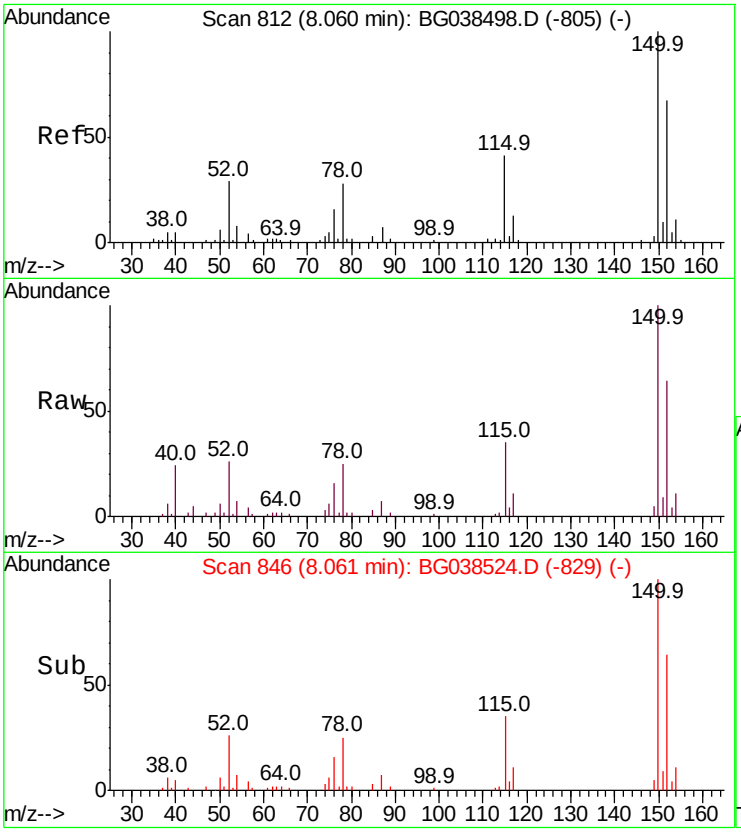
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
Data File : BG038524.D
Acq On : 13 Dec 2018 9:32
Operator : JU/SJ
Sample : PB115618TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Quant Time: Dec 13 10:27:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



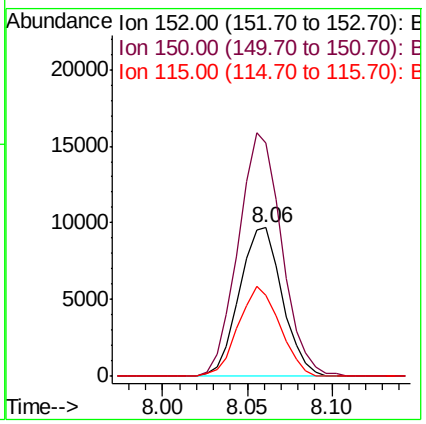


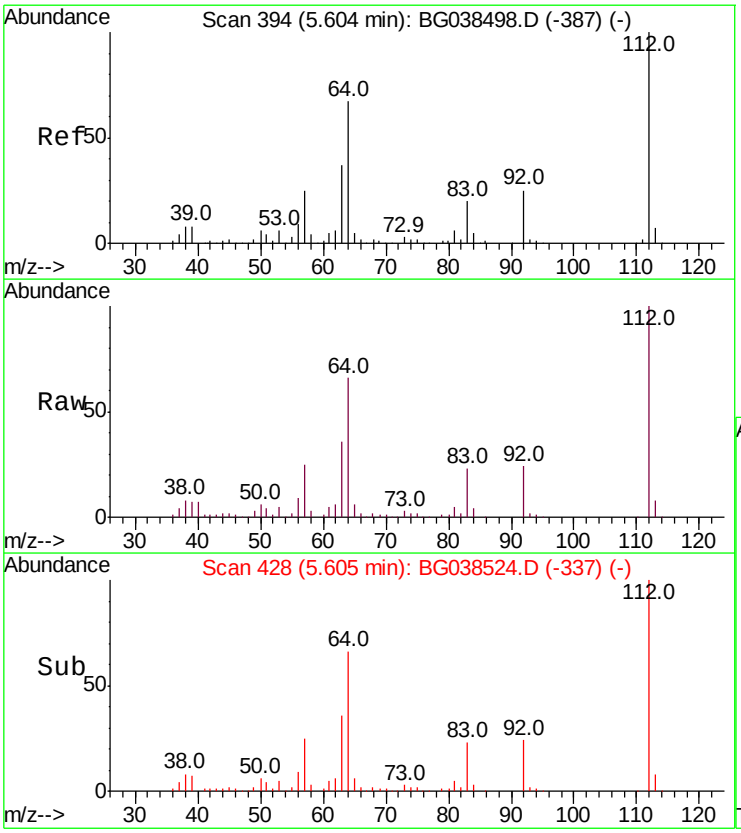
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Tgt Ion:152 Resp: 17139

Ion	Ratio	Lower	Upper
152	100		
150	156.8	119.5	179.3
115	54.2	49.6	74.4

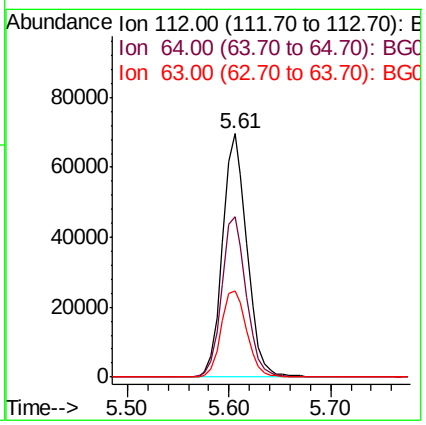


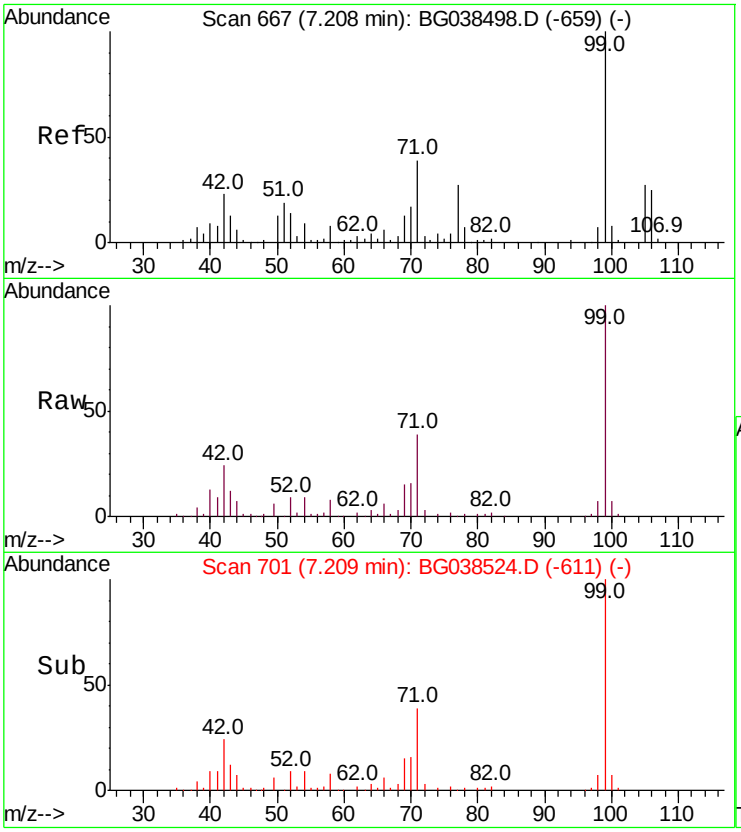


#5
2-Fluorophenol
Concen: 120.180 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Tgt Ion:112 Resp: 116131

Ion	Ratio	Lower	Upper
112	100		
64	66.0	53.4	80.2
63	35.6	29.3	43.9



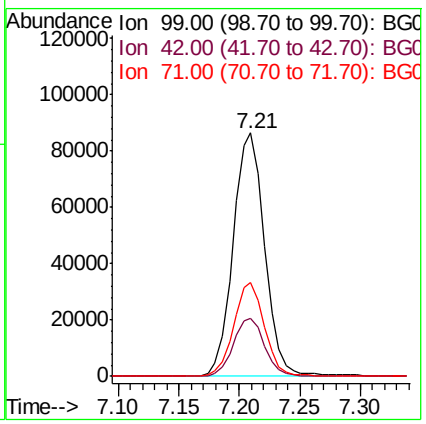


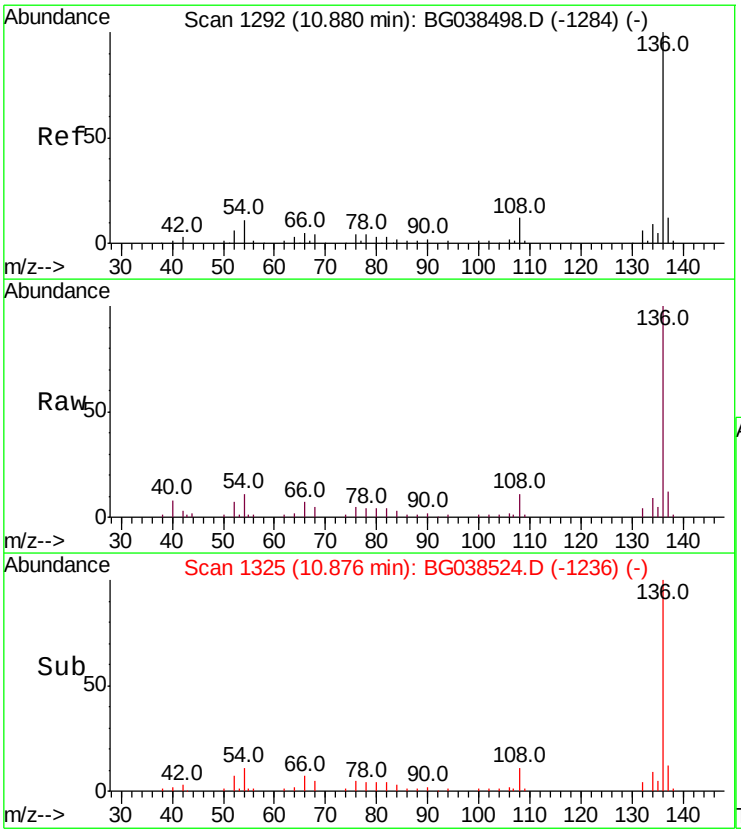
#7
Phenol-d6
Concen: 118.524 ng
RT: 7.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Tgt Ion: 99 Resp: 157229

Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.5	27.7
71	38.8	31.1	46.7

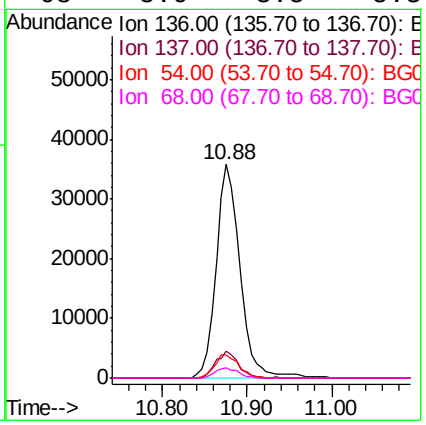


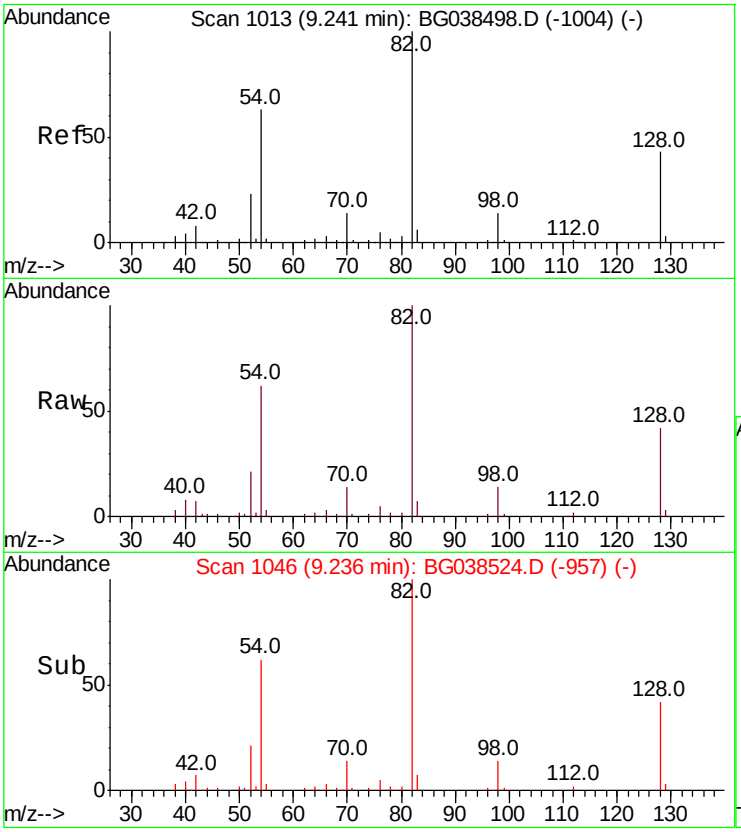


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Tgt Ion:136 Resp: 70186

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.3	13.9
54	10.7	8.5	12.7
68	5.0	3.5	5.3



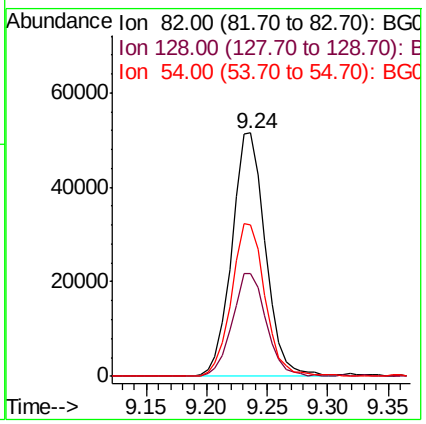


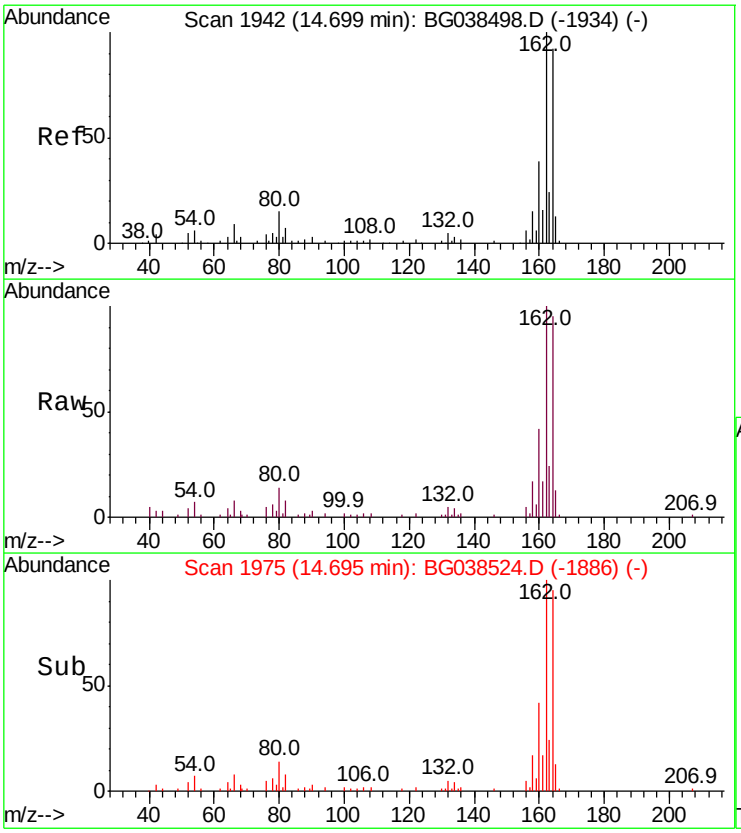
#23
Nitrobenzene-d5
Concen: 72.827 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Tgt Ion: 82 Resp: 100053

Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	62.1	50.6	76.0

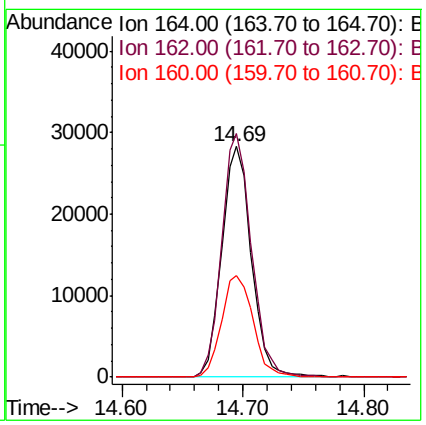


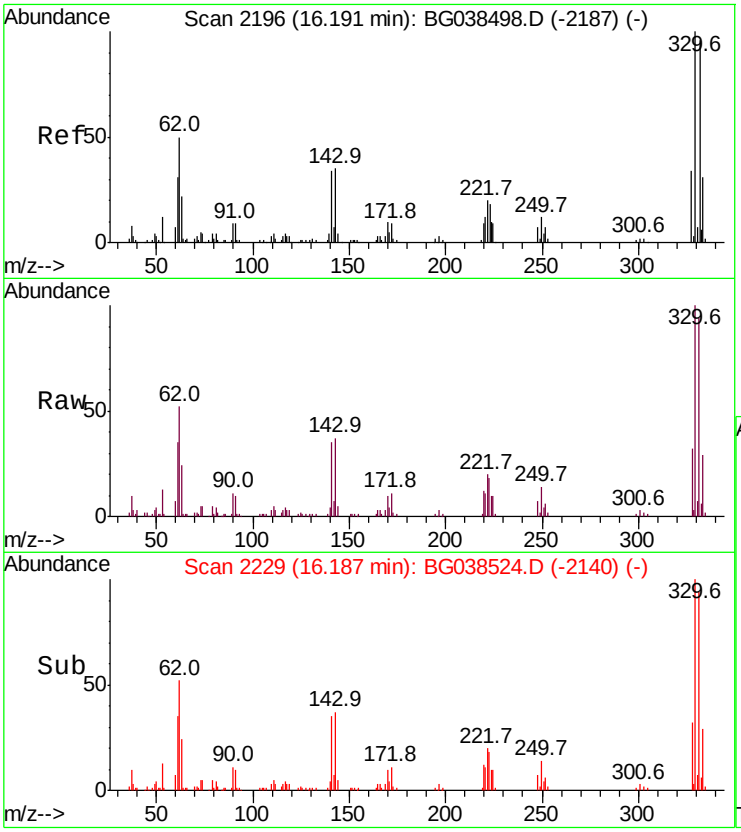


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Tgt Ion:164 Resp: 47957

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.6	130.0
160	44.0	34.2	51.2



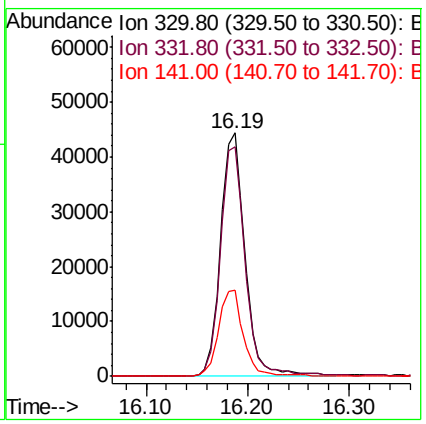


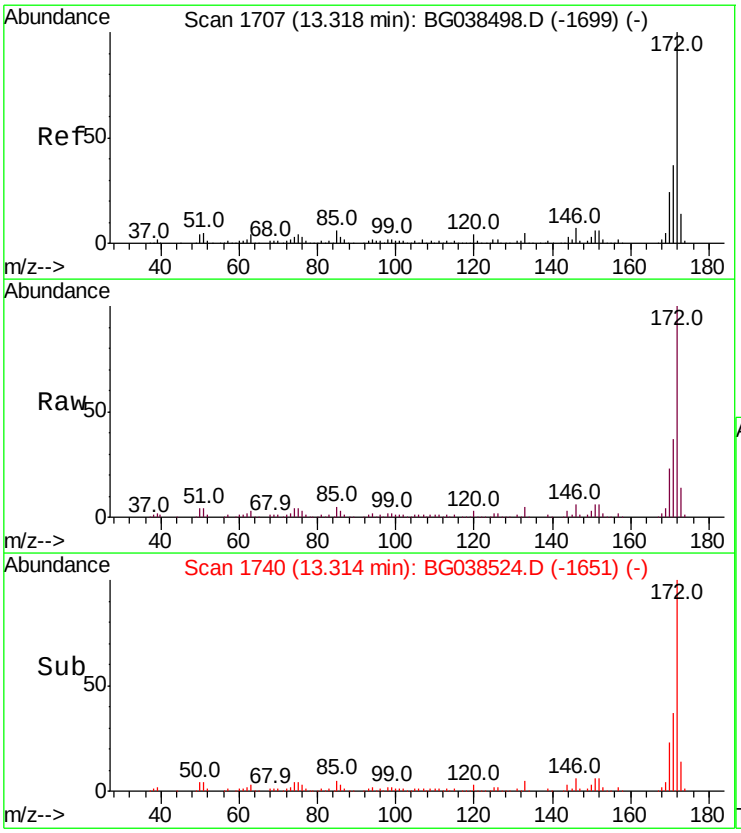
#42
2,4,6-Tribromophenol
Concen: 112.716 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Tgt Ion:330 Resp: 74498

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	35.9	28.8	43.2

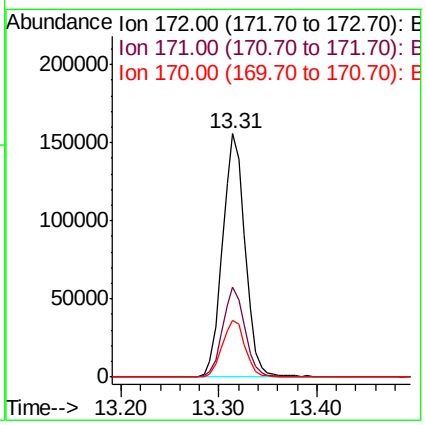


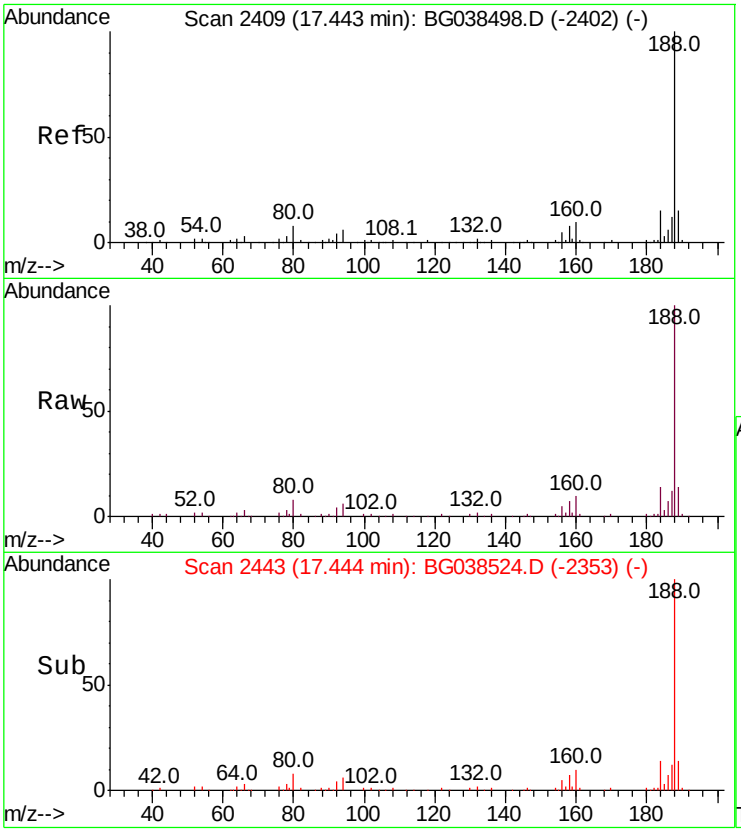


#45
2-Fluorobiphenyl
Concen: 71.468 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Tgt Ion:172 Resp: 249838

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	23.4	19.5	29.3



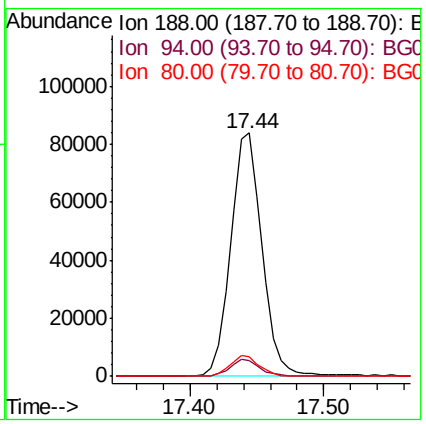


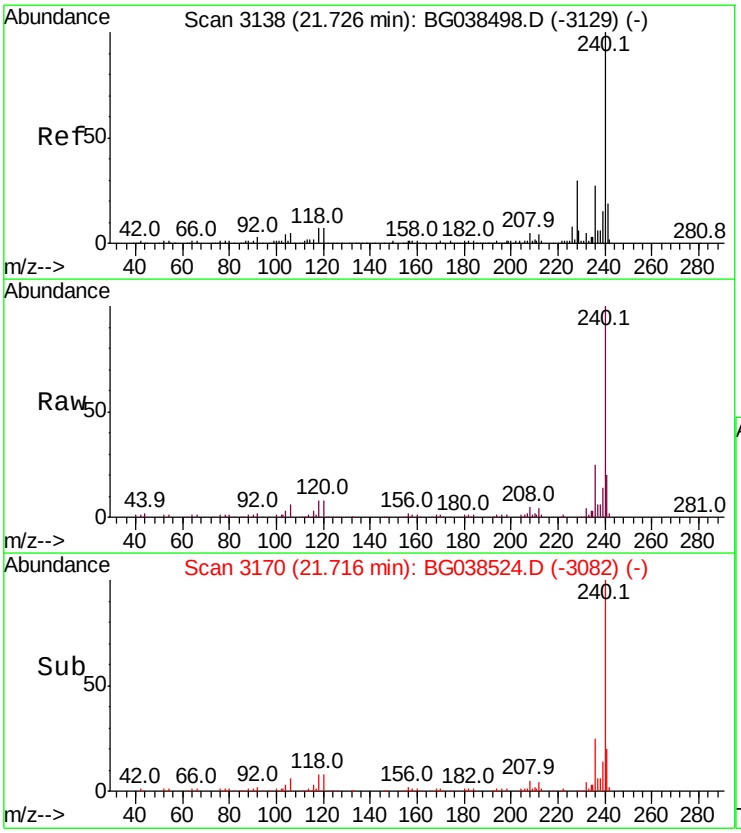
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Tgt Ion:188 Resp: 136199

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	8.1	6.1	9.1

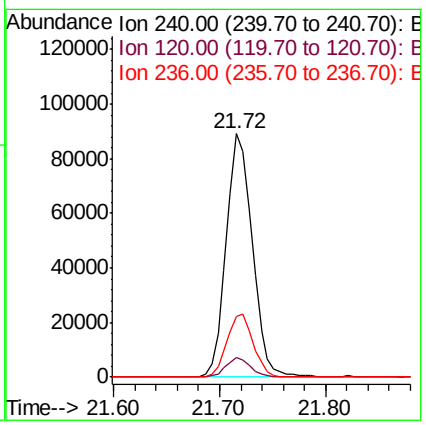


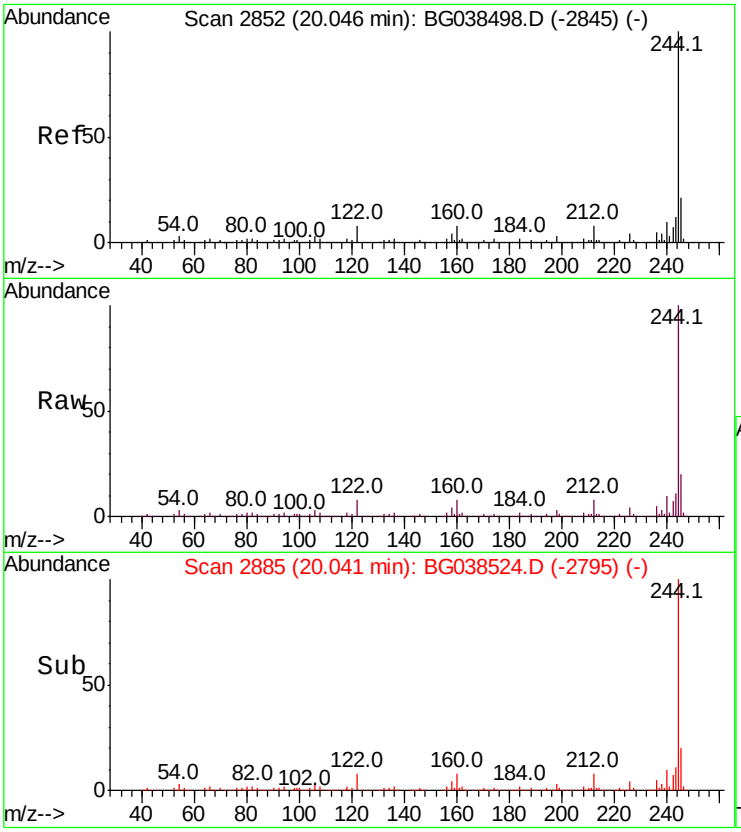


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3170
Delta R.T. -0.01 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Tgt Ion:240 Resp: 152156

Ion	Ratio	Lower	Upper
240	100		
120	8.0	5.3	7.9#
236	25.0	21.4	32.2



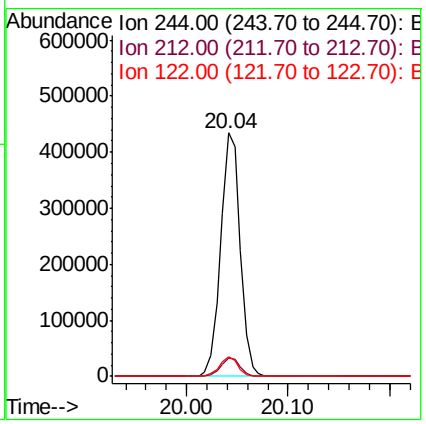


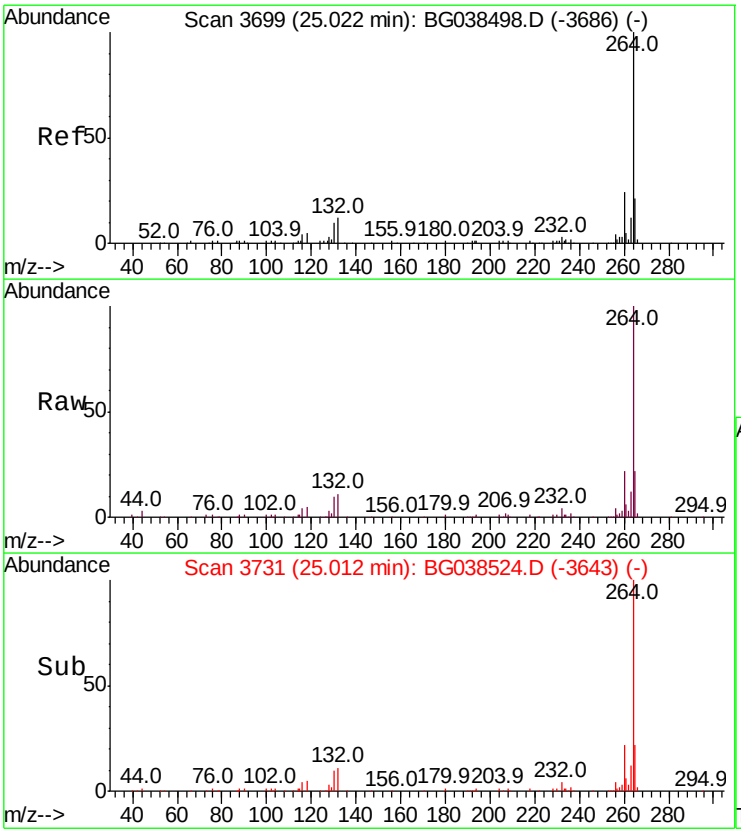
#79
Terphenyl-d14
Concen: 82.670 ng
RT: 20.04 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Instrument :
BNA_G
ClientSampleId :
PB115618TB

Tgt Ion:244 Resp: 577981

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	7.9	6.3	9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG038524.D
Acq: 13 Dec 2018 9:32

Tgt Ion:264 Resp: 161670

Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	21.8	17.0	25.4