Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG121417\
Data File : BG031564.D
Acq On : 14 Dec 2017 18:33
Operator : SJ/JU
Sample : PB105019BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105019BL

Quant Time: Dec 15 03:53:59 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	8.10	152	61652	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	259957	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	153590	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	433095	20.00	ng	0.00
75) Chrysene-d12	21.74	240	506957	20.00	ng	-0.01
86) Perylene-d12	25.02	264	127781	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	517212	148.70	ng	0.00
7) Phenol-d6	7.27	99	636116	131.74	ng	0.00
23) Nitrobenzene-d5	9.27	82	376974	89.38	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	300755	167.14	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1064448	101.73	ng	0.00
78) Terphenyl-d14	20.06	244	2072683	93.02	ng	0.00
Target Compounds						Qvalue

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

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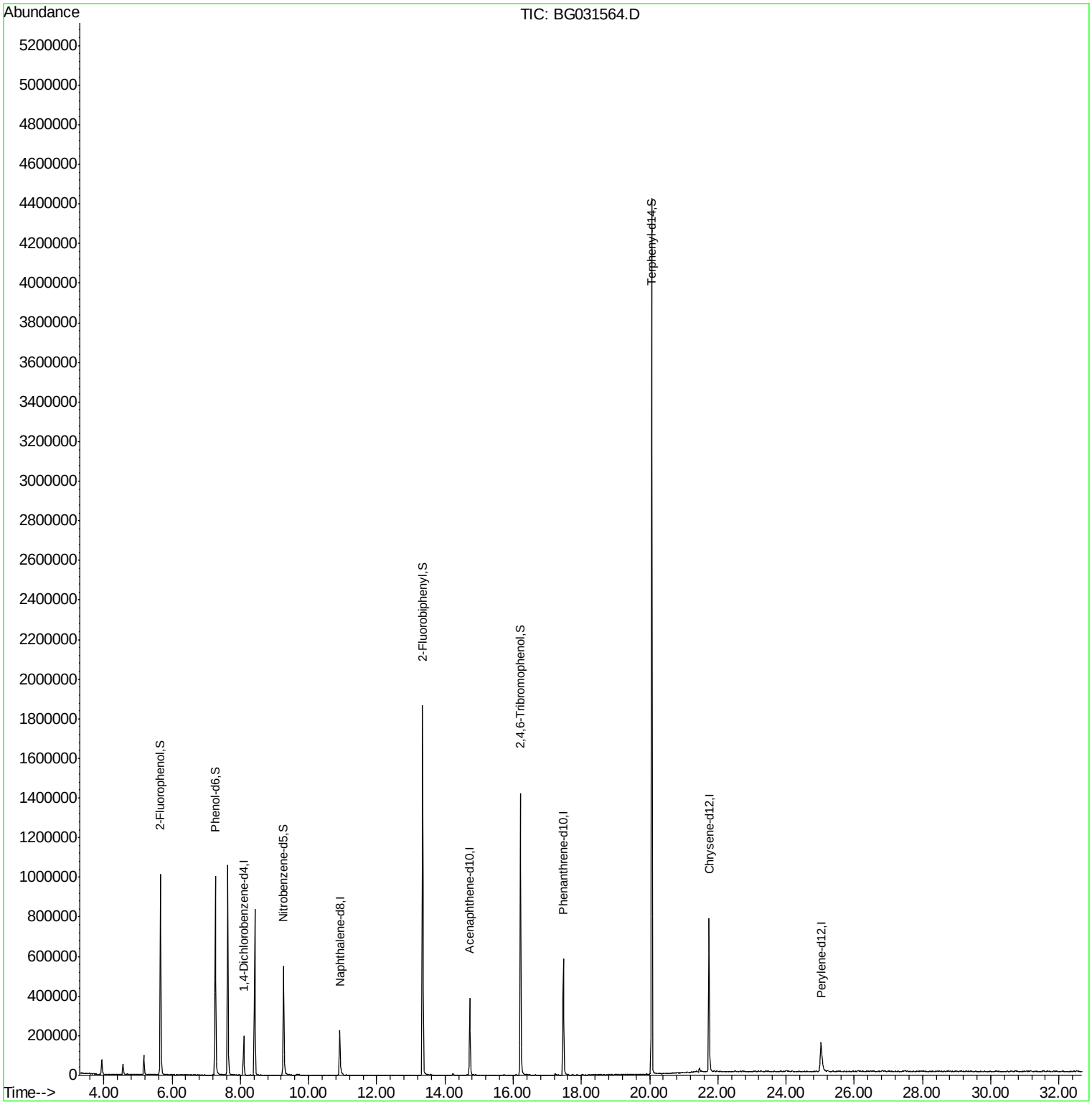
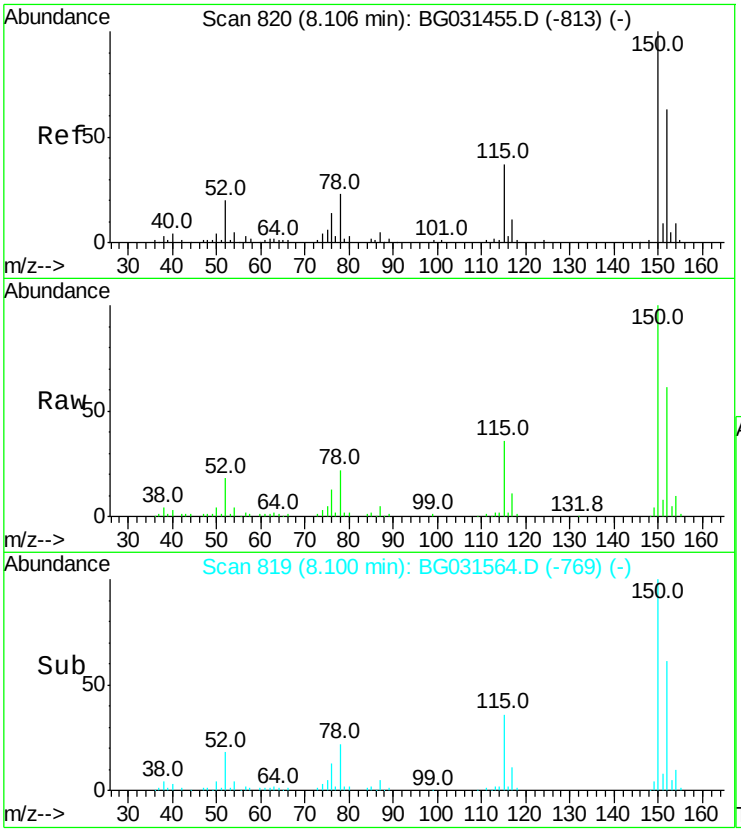


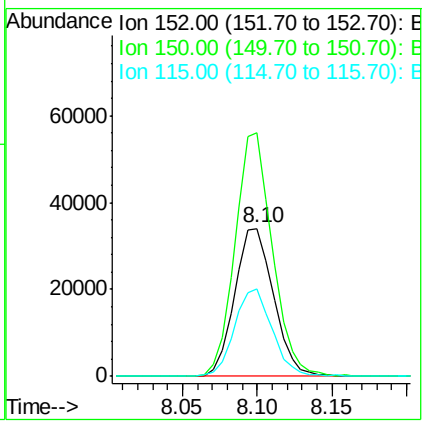


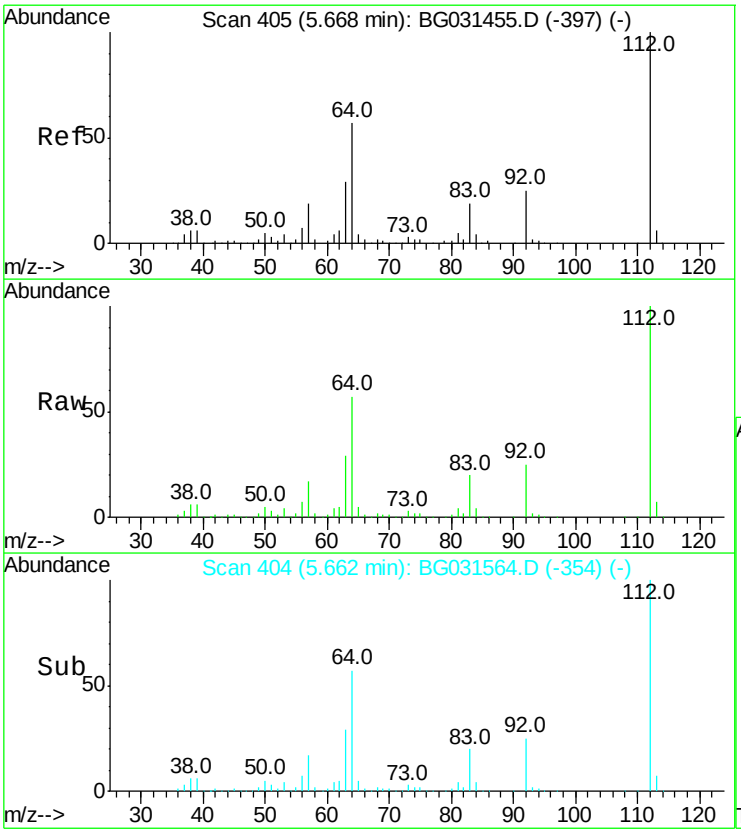
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tgt Ion:152 Resp: 61652

Ion	Ratio	Lower	Upper
152	100		
150	164.5	126.6	189.8
115	59.2	53.0	79.4

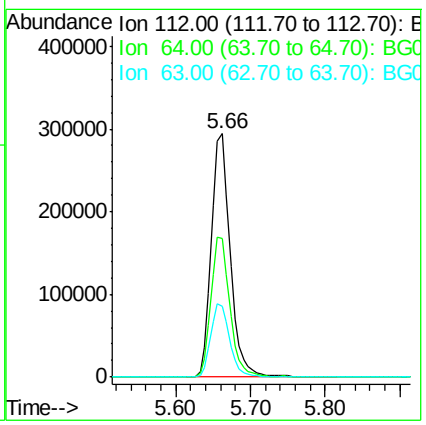


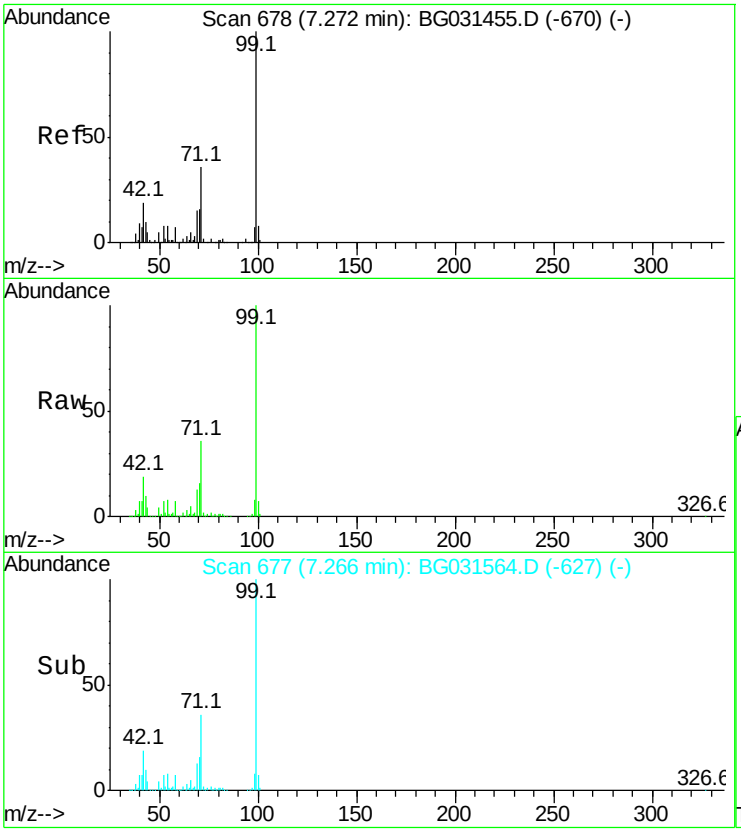


#5
2-Fluorophenol
Concen: 148.700 ng
RT: 5.66 min Scan# 404
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:112 Resp: 517212

Ion	Ratio	Lower	Upper
112	100		
64	57.2	56.3	84.5
63	29.2	30.1	45.1#



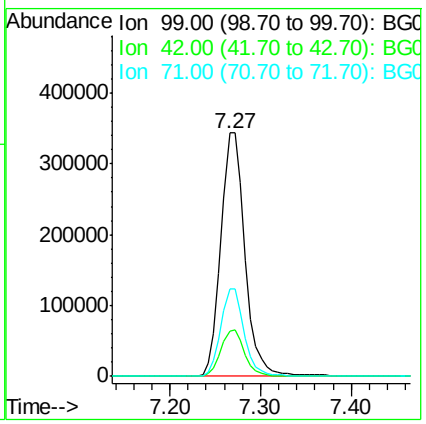


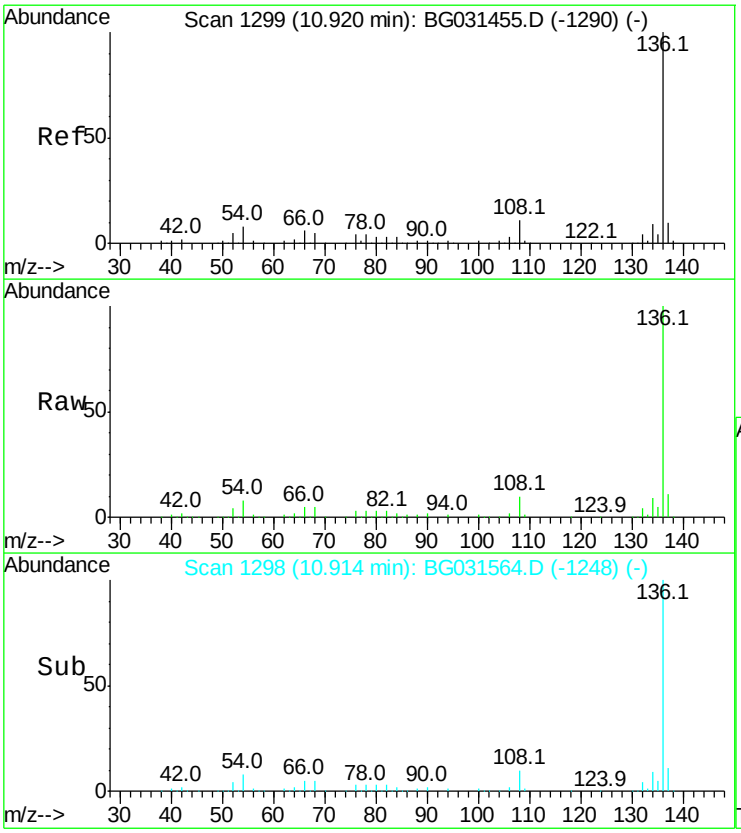
#7
Phenol-d6
Concen: 131.740 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tgt Ion: 99 Resp: 636116

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.1	21.1
71	36.0	26.1	39.1

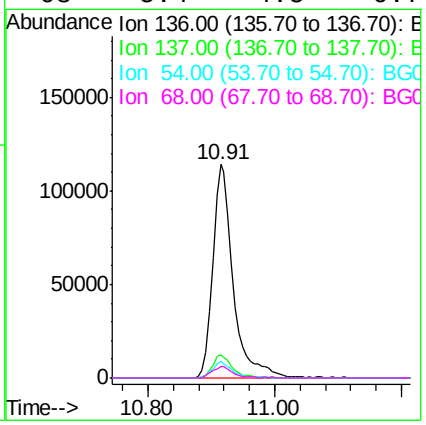


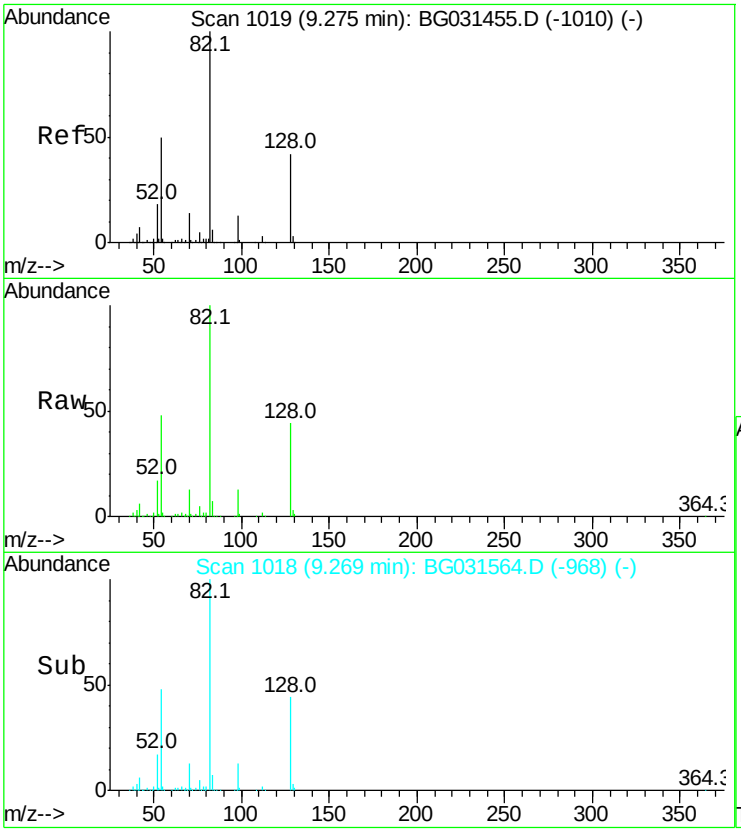


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:136 Resp: 259957

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.7	10.3	15.5#
68	5.4	4.5	6.7



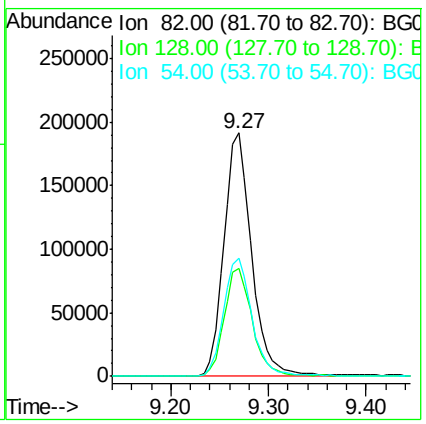


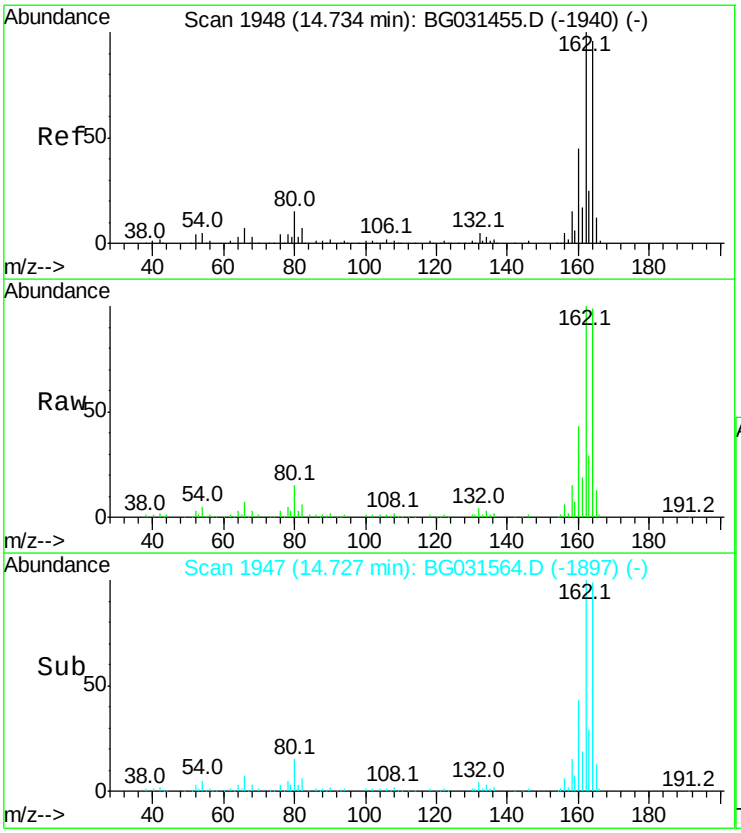
#23
Nitrobenzene-d5
Concen: 89.382 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tgt Ion: 82 Resp: 376974

Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	48.4	43.1	64.7

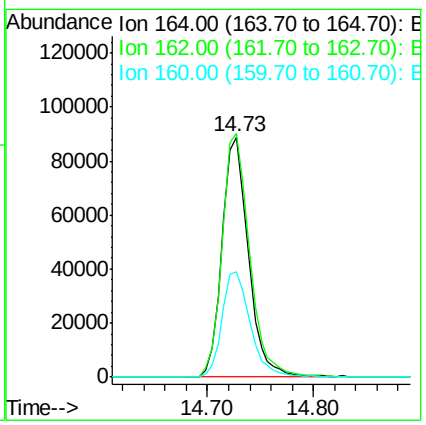


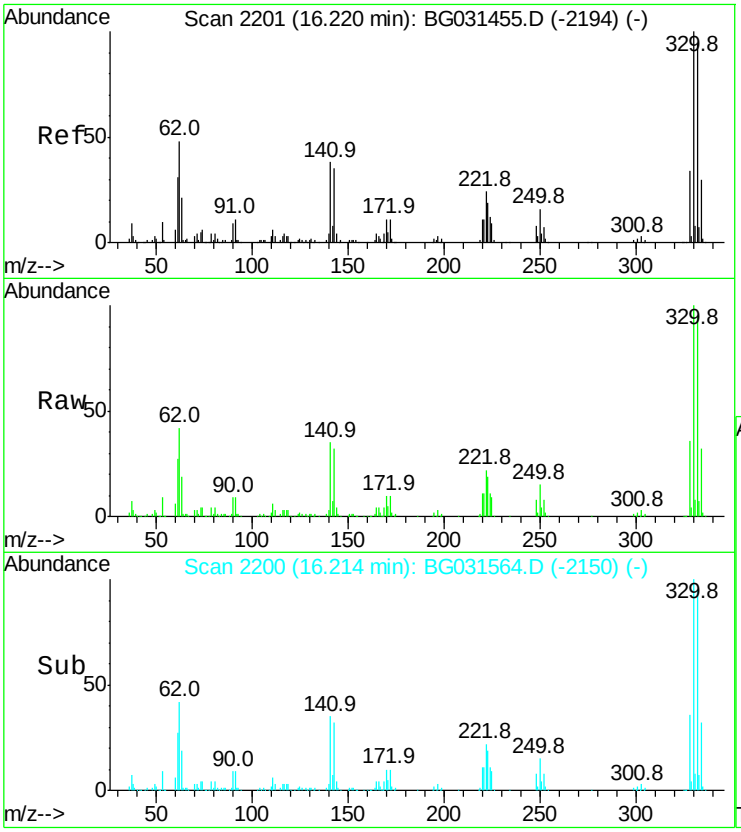


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:164 Resp: 153590

Ion	Ratio	Lower	Upper
164	100		
162	101.3	78.8	118.2
160	43.7	35.4	53.0



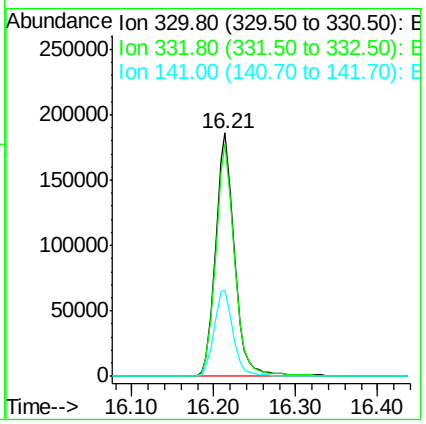


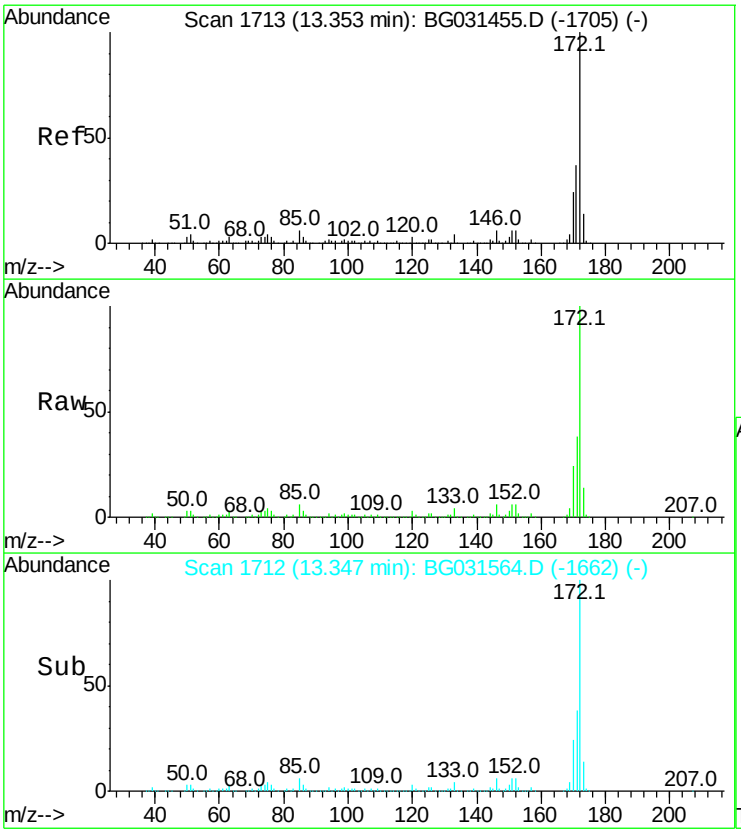
#41
2,4,6-Tribromophenol
Concen: 167.144 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tgt Ion:330 Resp: 300755

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	36.1	25.2	37.8

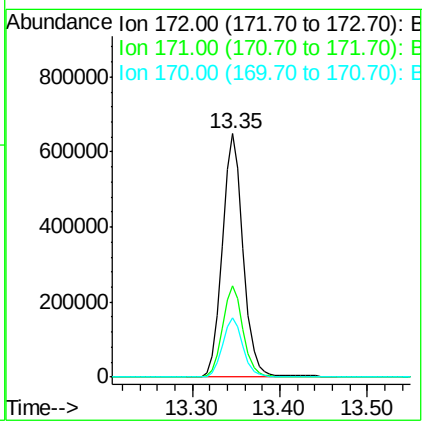


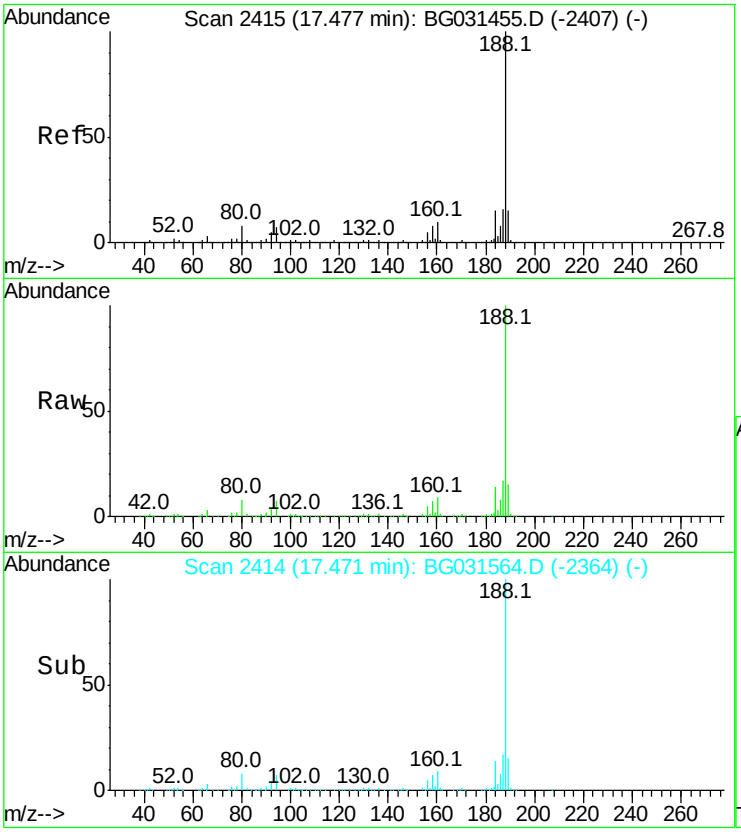


#44
2-Fluorobiphenyl
Concen: 101.730 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:172 Resp: 1064448

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.5	19.5	29.3



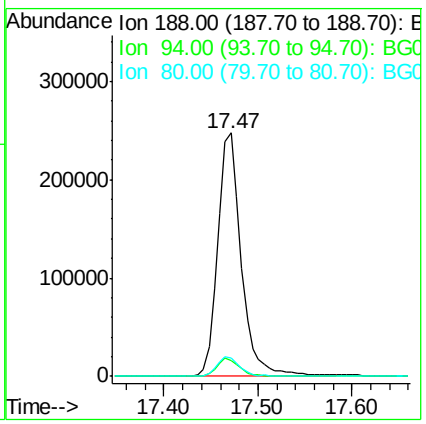


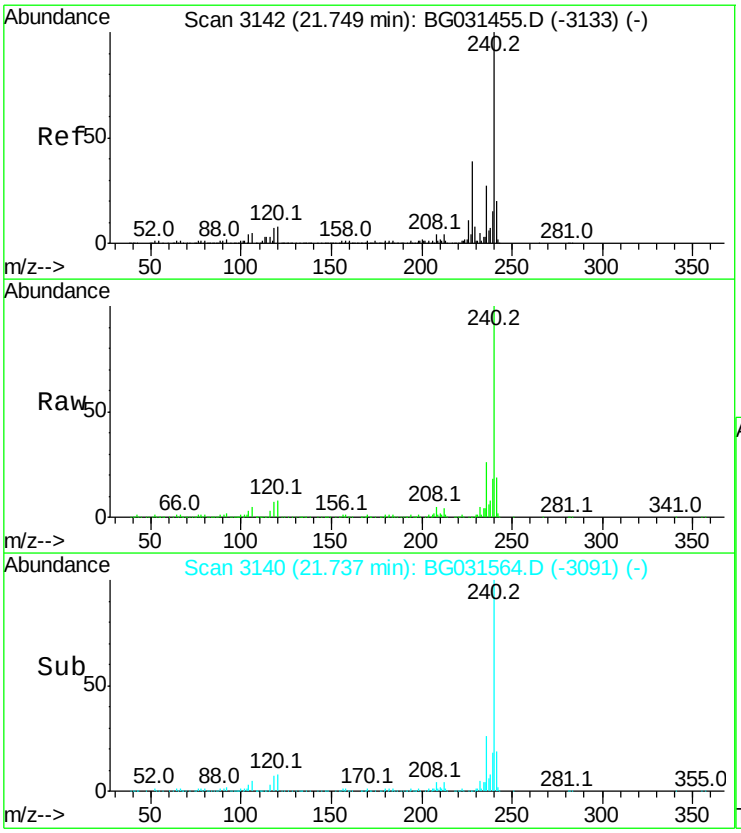
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tgt Ion:188 Resp: 433095

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.9	10.3#
80	7.5	7.7	11.5#

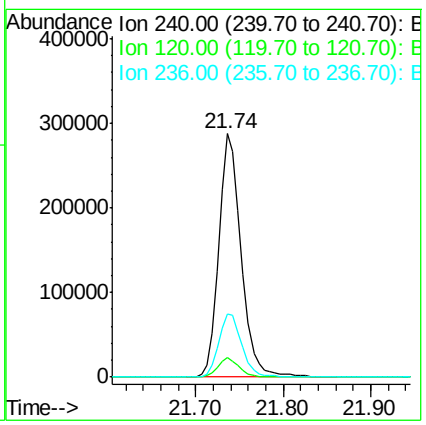


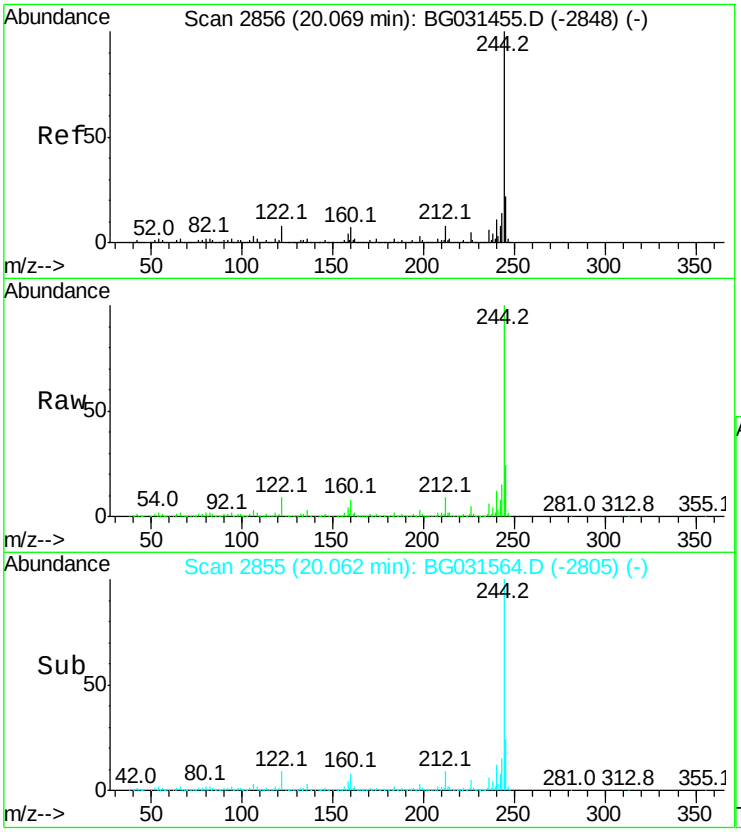


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:240 Resp: 506957

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.8	10.2
236	25.9	20.9	31.3



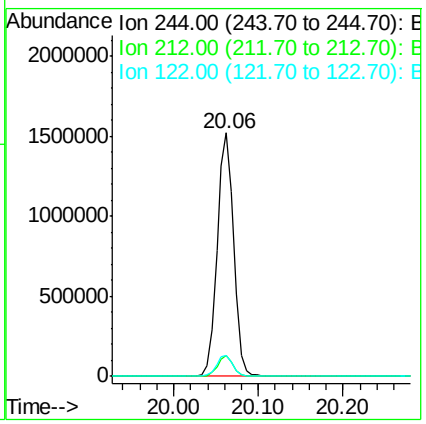


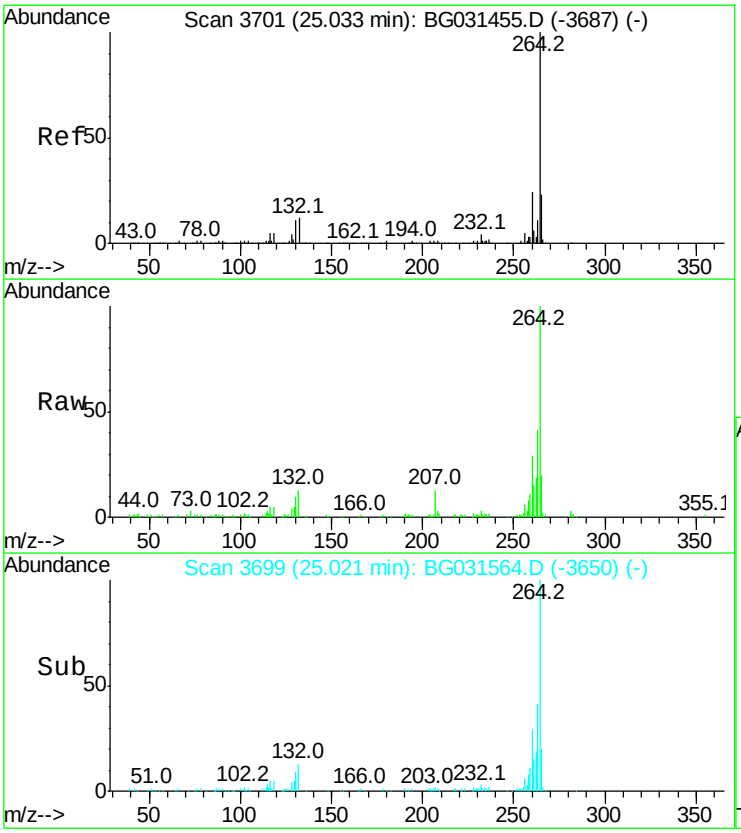
#78
Terphenyl-d14
Concen: 93.020 ng
RT: 20.06 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Instrument :
BNA_G
ClientSampleId :
PB105019BL

Tgt Ion:244 Resp: 2072683

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	8.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BG031564.D
Acq: 14 Dec 2017 18:33

Tgt Ion:264 Resp: 127781

Ion	Ratio	Lower	Upper
264	100		
260	28.7	17.4	26.0#
265	19.7	17.7	26.5