Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031790.D
Acq On : 27 Dec 2017 9:38
Operator : SJ/JU
Sample : I7009-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121917-TIDO-F-D-S

Quant Time: Dec 27 10:13:48 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	46120	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	186842	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	134062	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	368970	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	443395	20.00	ng	-0.06
86) Perylene-d12	26.26	264	476440	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	93217	36.81	ng	-0.03
7) Phenol-d6	7.90	99	74159	22.56	ng	-0.03
23) Nitrobenzene-d5	10.00	82	232607	94.01	ng	-0.03
41) 2,4,6-Tribromophenol	16.90	330	205897	100.65	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	919882	86.12	ng	-0.03
78) Terphenyl-d14	20.70	244	1687116	86.93	ng	-0.04
Target Compounds						Qvalue

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

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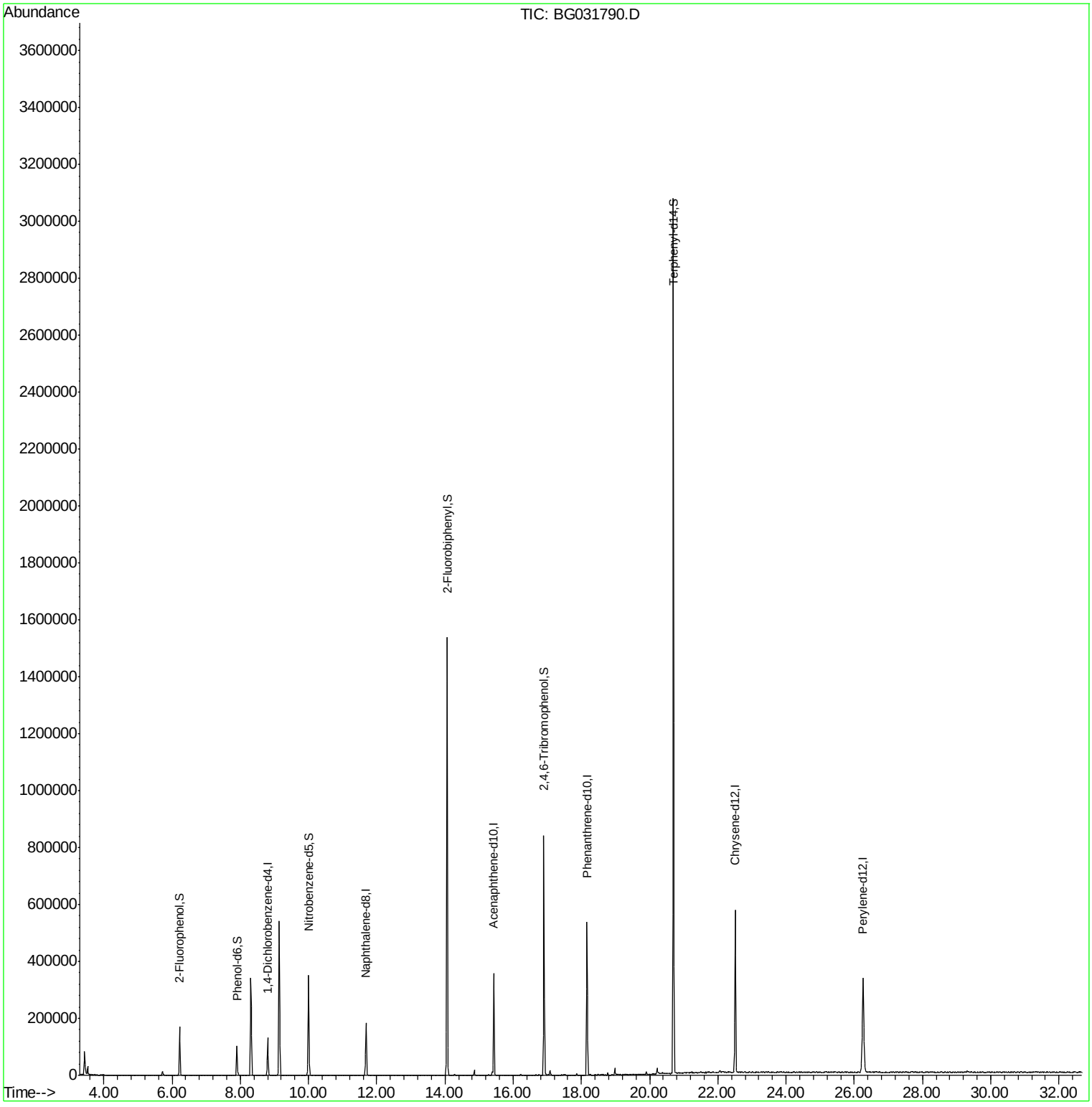
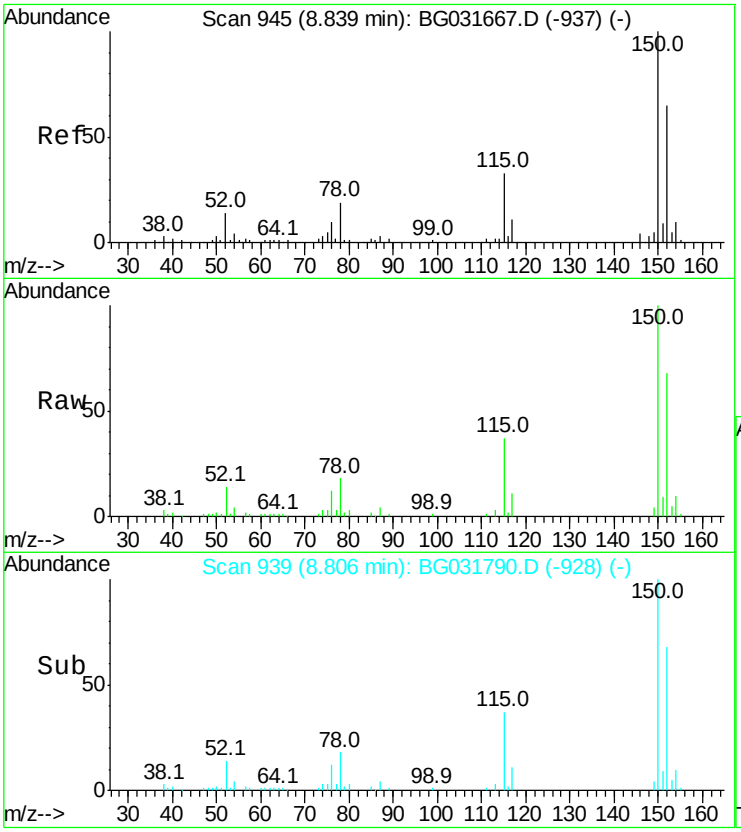


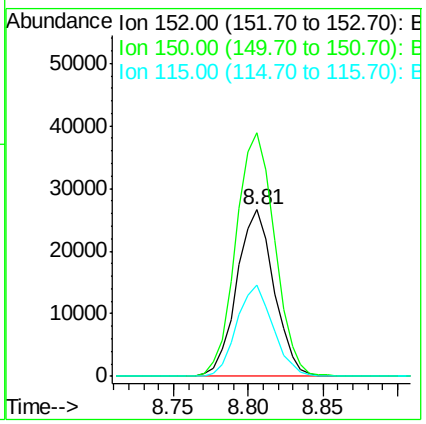


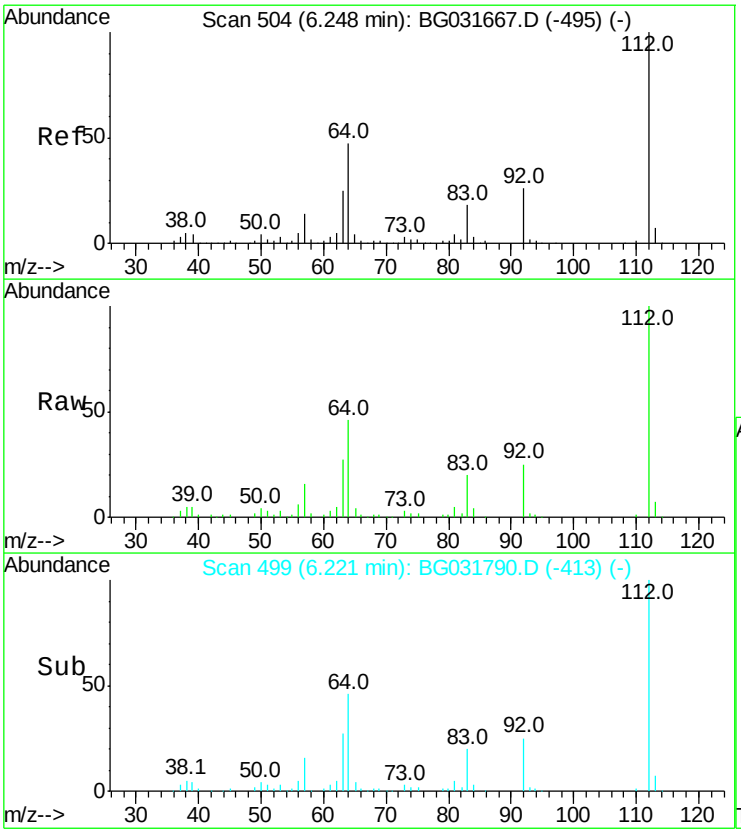
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-S

Tgt Ion:152 Resp: 46120

Ion	Ratio	Lower	Upper
152	100		
150	146.5	126.6	189.8
115	54.7	53.0	79.4

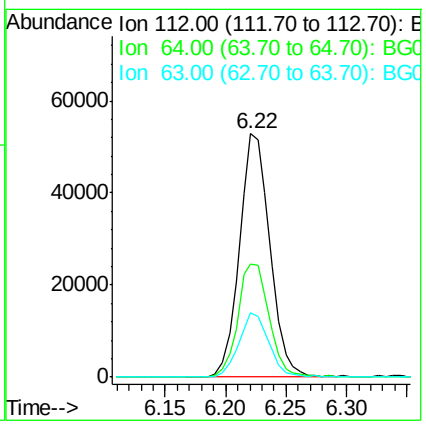


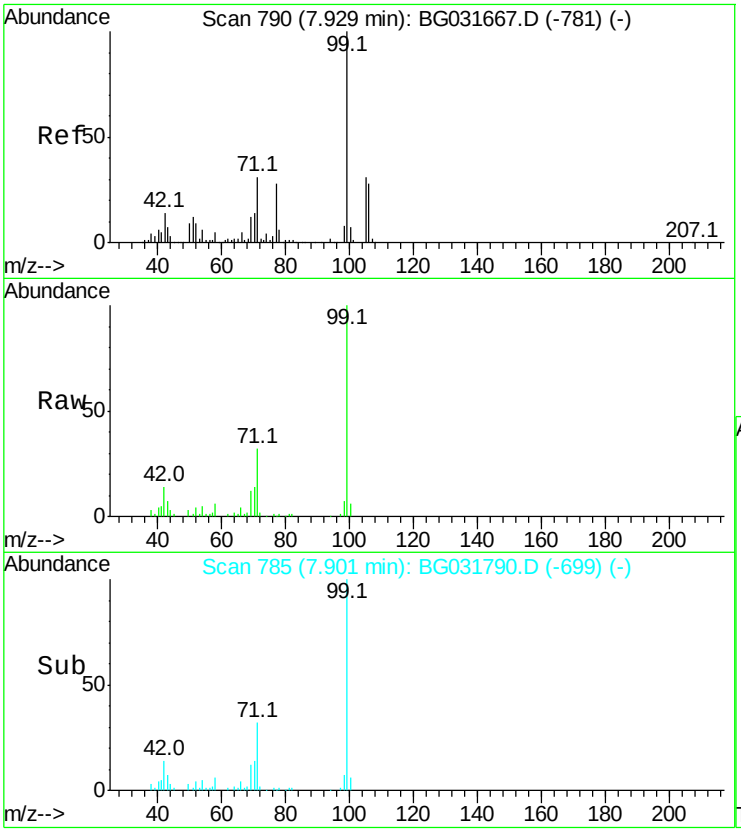


#5
2-Fluorophenol
Concen: 36.814 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:112 Resp: 93217

Ion	Ratio	Lower	Upper
112	100		
64	46.2	56.3	84.5#
63	26.5	30.1	45.1#



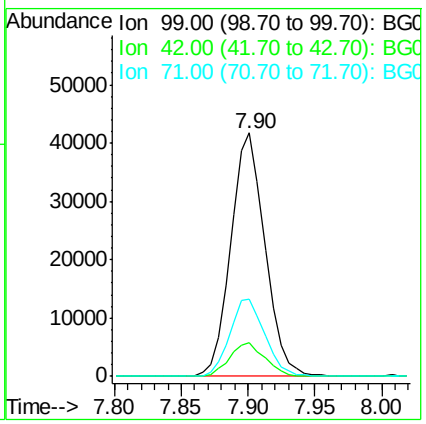


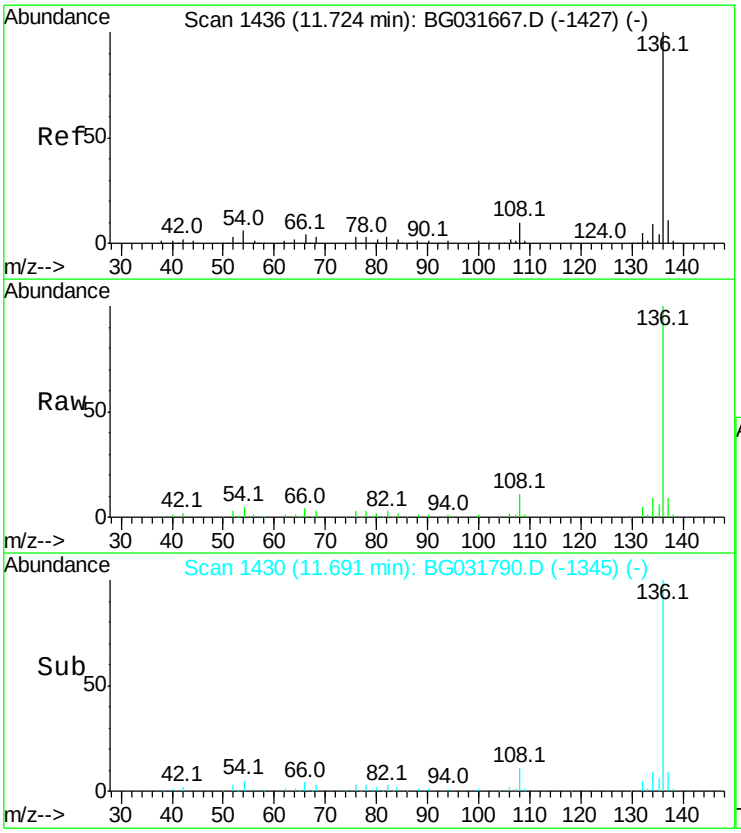
#7
Phenol-d6
Concen: 22.558 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-S

Tgt Ion: 99 Resp: 74159

Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.1	21.1#
71	31.9	26.1	39.1

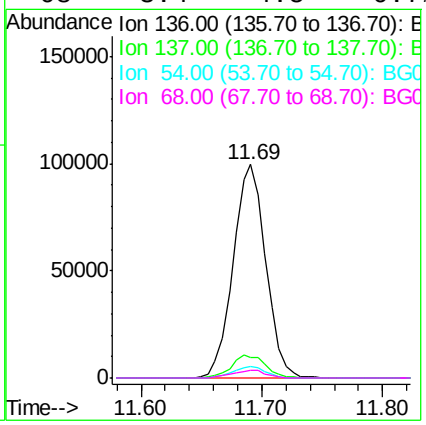


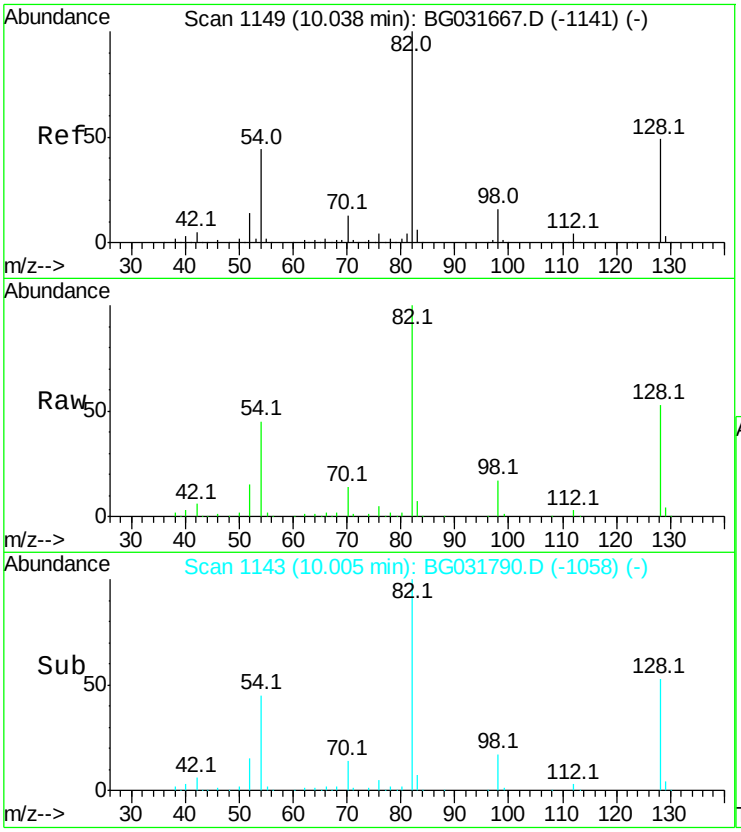


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:136 Resp: 186842

Ion	Ratio	Lower	Upper
136	100		
137	9.5	9.2	13.8
54	5.4	10.3	15.5#
68	3.4	4.5	6.7#



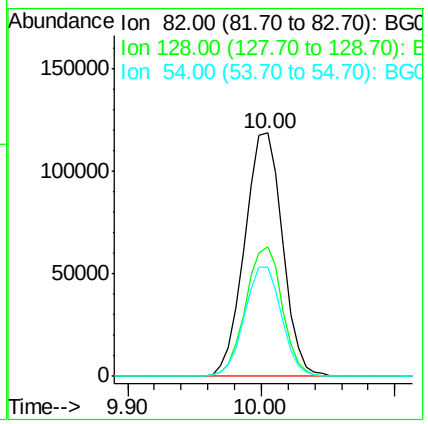


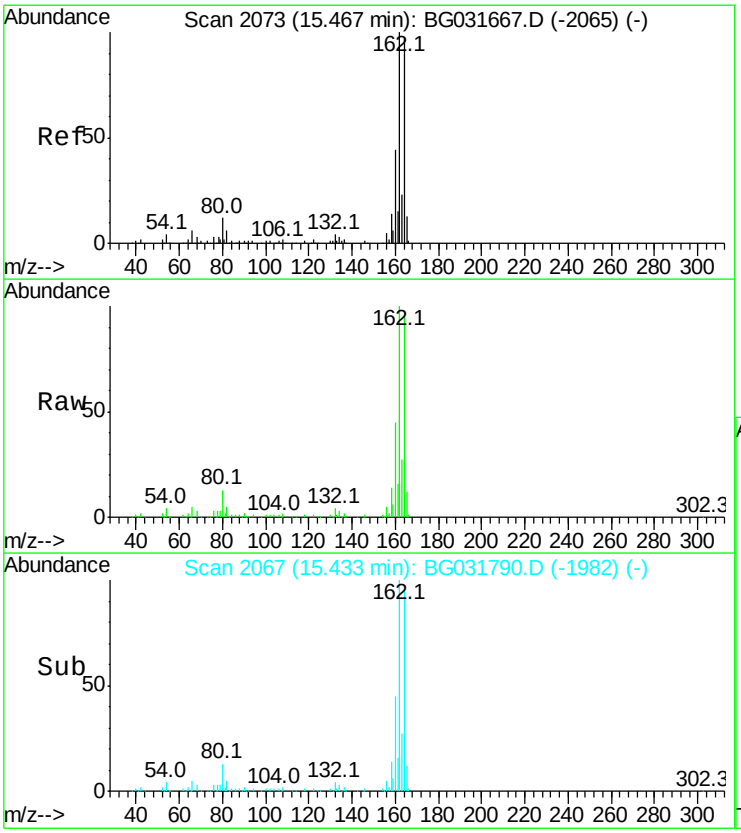
#23
Nitrobenzene-d5
Concen: 94.008 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-S

Tgt Ion: 82 Resp: 232607

Ion	Ratio	Lower	Upper
82	100		
128	53.5	29.7	44.5#
54	44.8	43.1	64.7

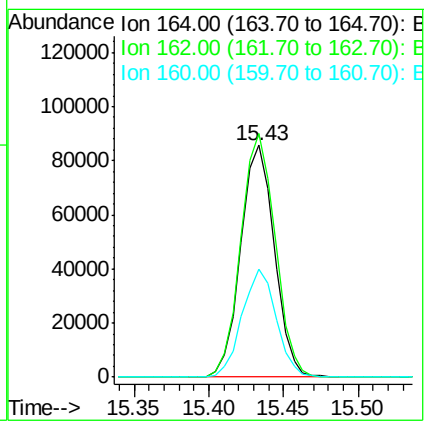


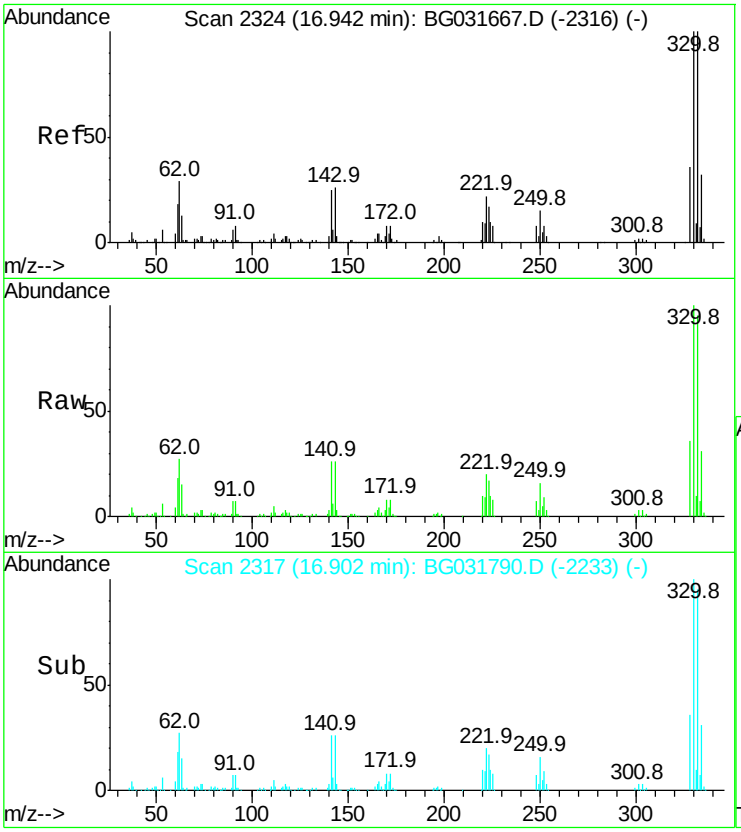


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:164 Resp: 134062

Ion	Ratio	Lower	Upper
164	100		
162	105.0	78.8	118.2
160	46.7	35.4	53.0



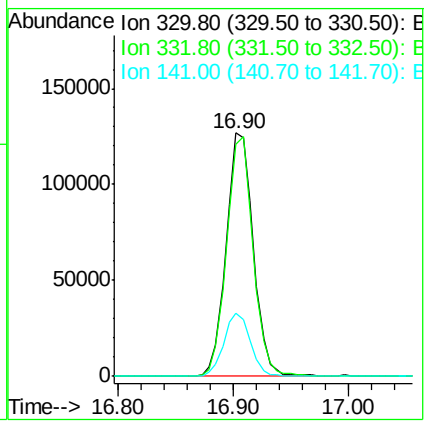


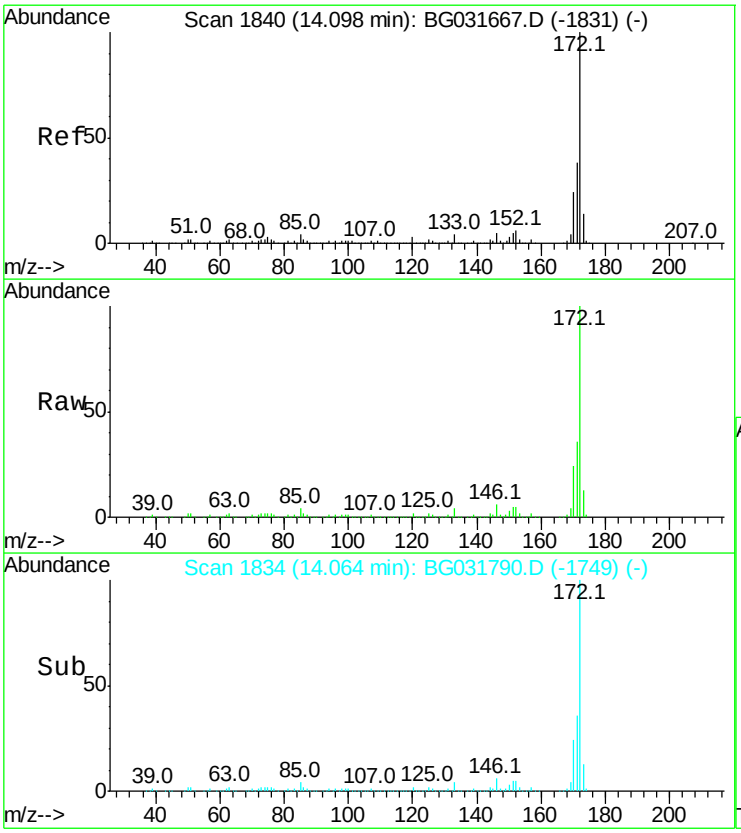
#41
2,4,6-Tribromophenol
Concen: 100.654 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-S

Tgt Ion:330 Resp: 205897

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.5	25.2	37.8

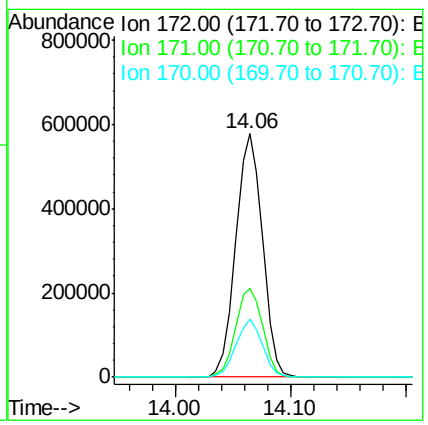


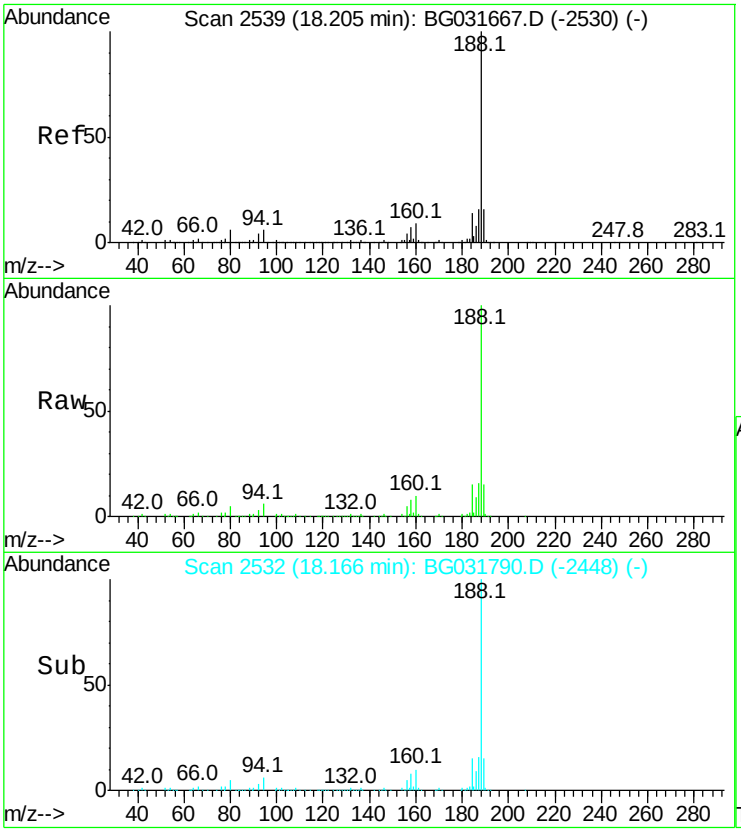


#44
2-Fluorobiphenyl
Concen: 86.122 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:172 Resp: 919882

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	24.0	19.5	29.3



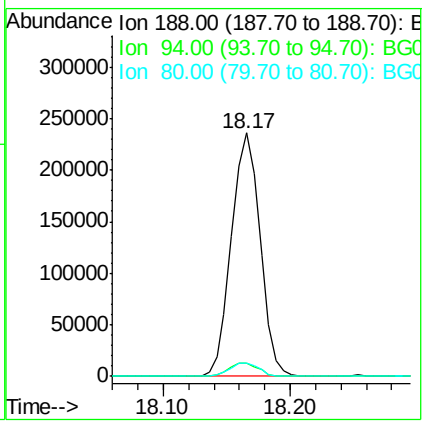


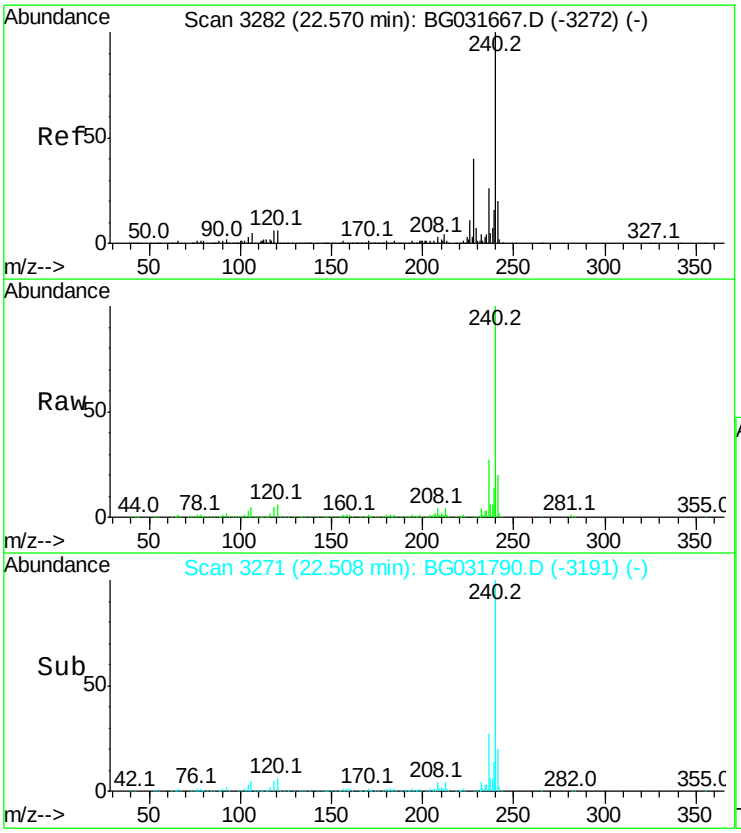
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-S

Tgt Ion:188 Resp: 368970

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	5.3	7.7	11.5#

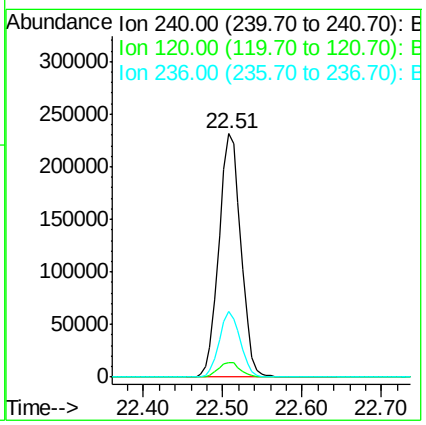


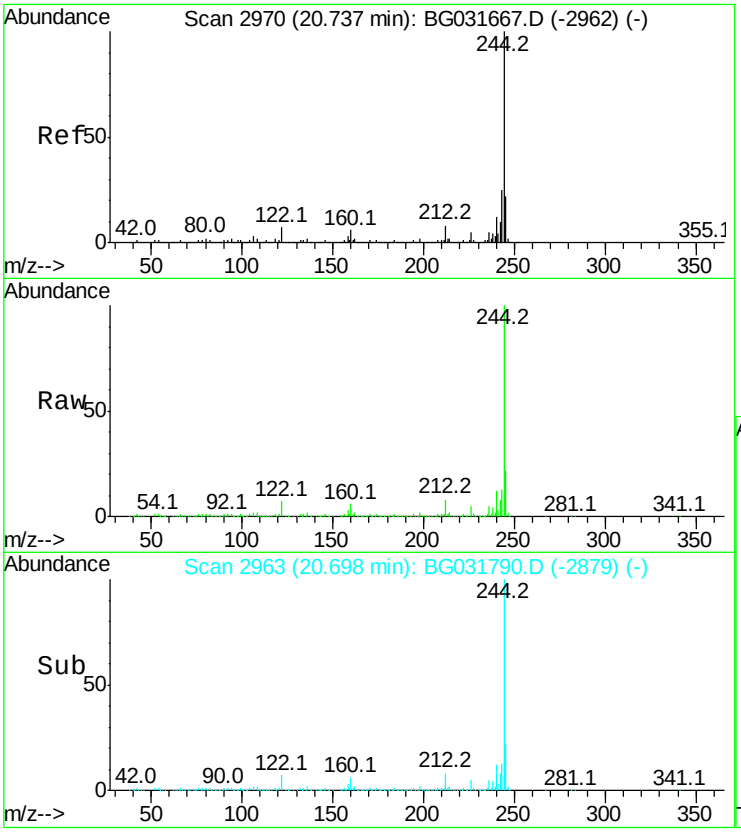


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:240 Resp: 443395

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	26.9	20.9	31.3



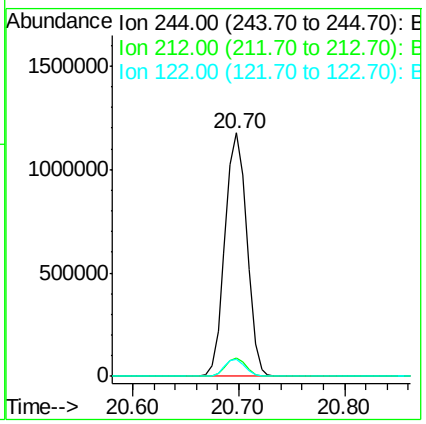


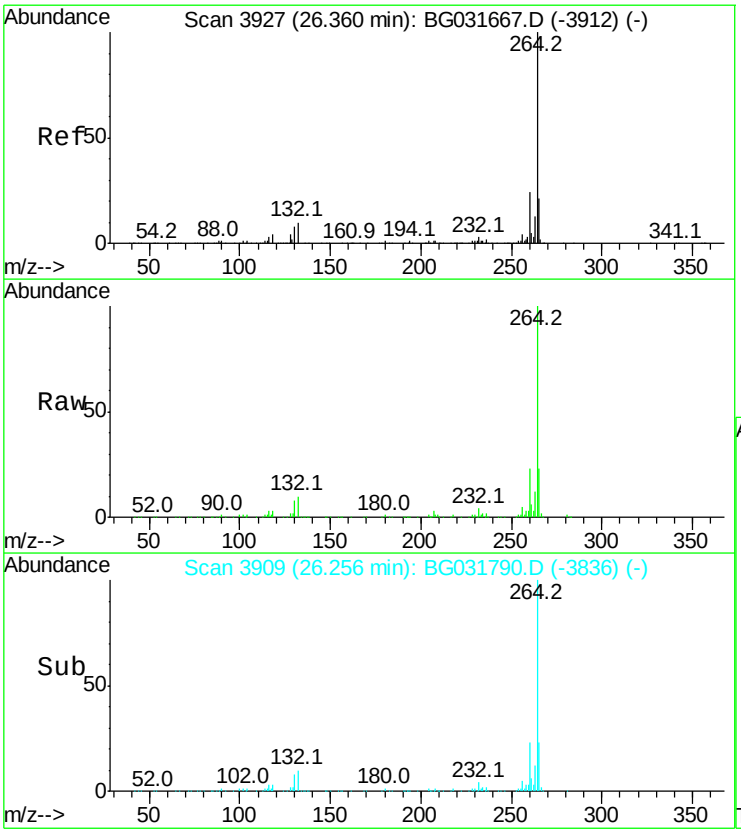
#78
Terphenyl-d14
Concen: 86.931 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Instrument :
BNA_G
ClientSampleId :
121917-TIDO-F-D-S

Tgt Ion:244 Resp: 1687116

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.0	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3909
Delta R.T. -0.10 min
Lab File: BG031790.D
Acq: 27 Dec 2017 9:38

Tgt Ion:264 Resp: 476440

Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	23.1	17.7	26.5