Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
Data File : BG031660.D
Acq On : 19 Dec 2017 8:25
Operator : SJ/JU
Sample : I6957-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HALSTED-SW

Quant Time: Dec 19 09:59:07 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	71687	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	311635	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	209890	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	548728	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	570521	20.00	ng	-0.02
86) Perylene-d12	25.01	264	507785	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	587770	145.33	ng	-0.01
7) Phenol-d6	7.27	99	716655	127.64	ng	0.00
23) Nitrobenzene-d5	9.27	82	476985	94.34	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	424295	172.55	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1374195	96.10	ng	0.00
78) Terphenyl-d14	20.06	244	2341696	93.38	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.96	128	80935	5.286	ng	99

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

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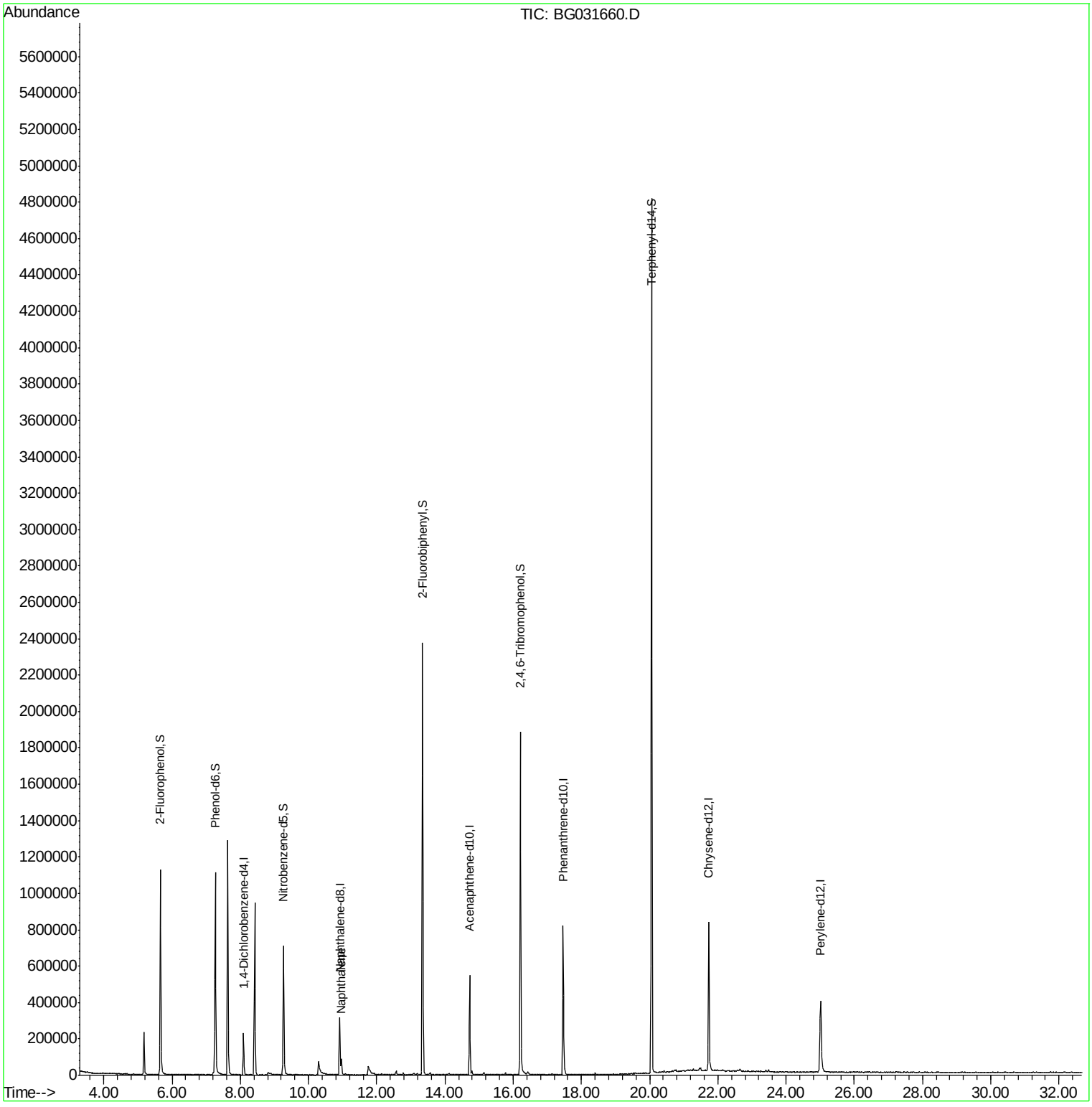
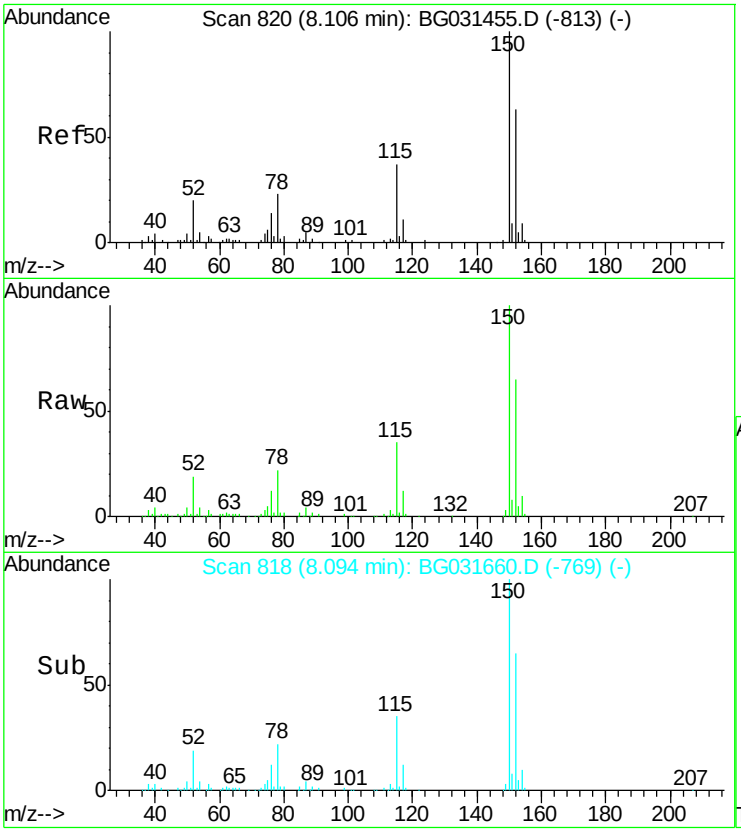


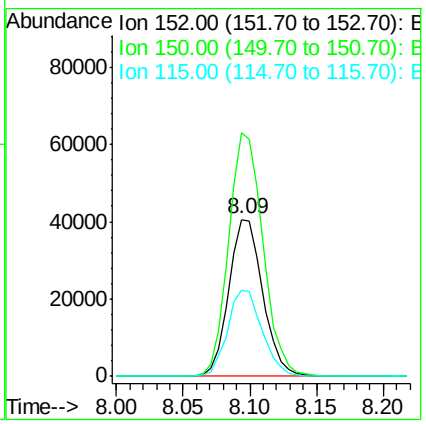


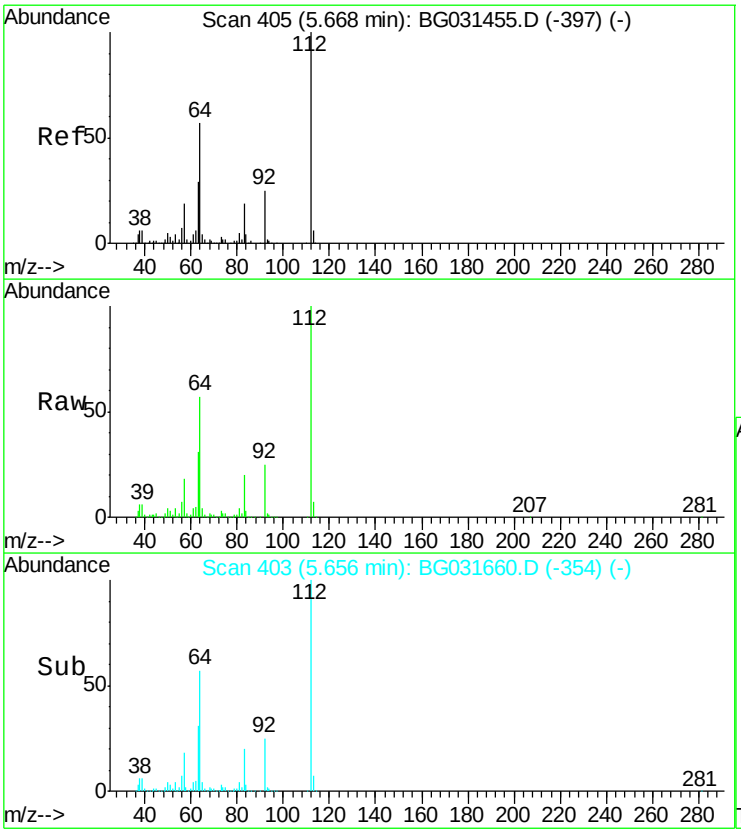
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:152 Resp: 71687

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.6	189.8
115	54.9	53.0	79.4

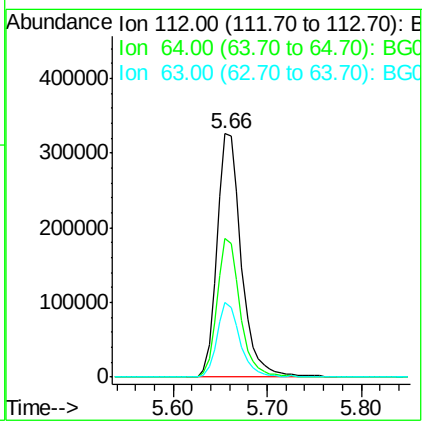


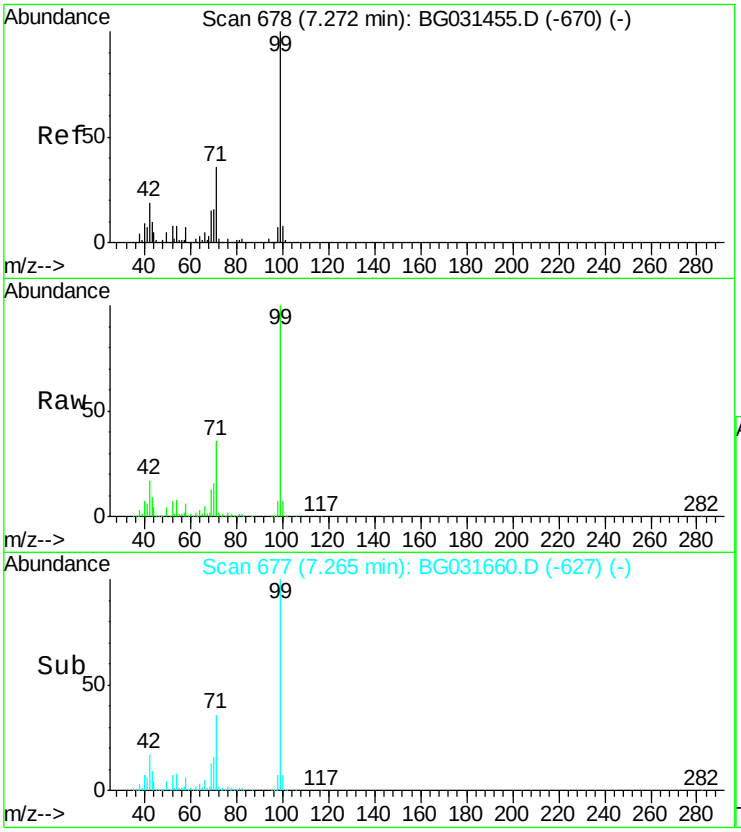


#5
2-Fluorophenol
Concen: 145.331 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:112 Resp: 587770

Ion	Ratio	Lower	Upper
112	100		
64	57.1	56.3	84.5
63	30.9	30.1	45.1



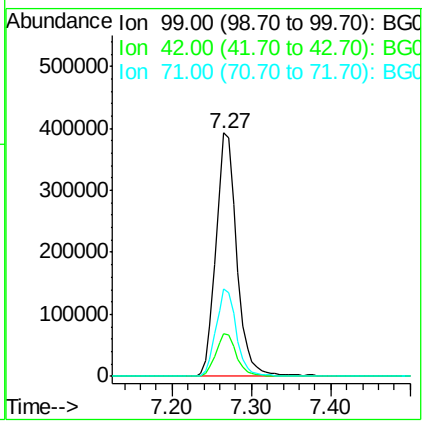


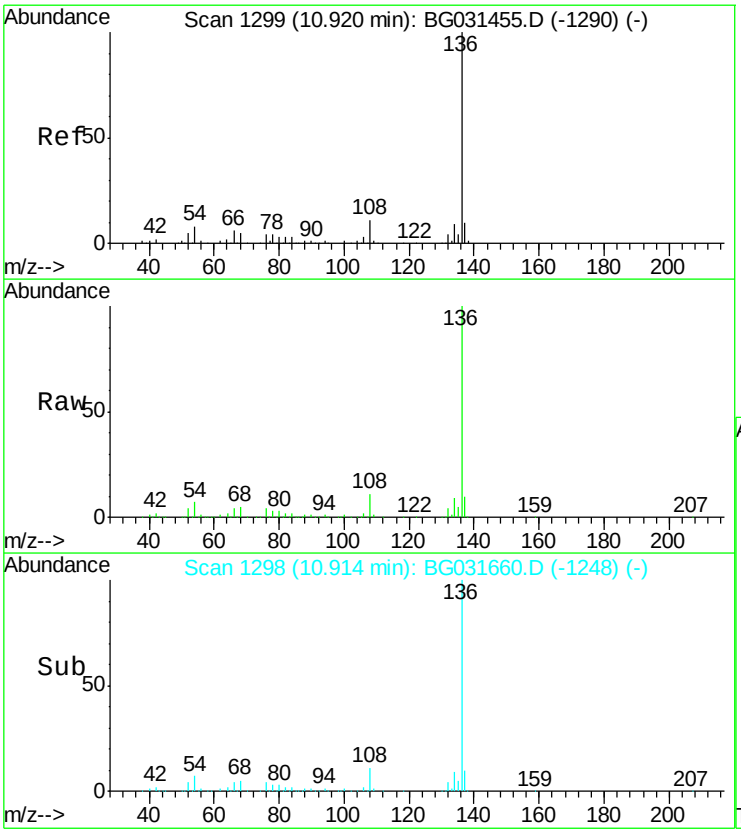
#7
Phenol-d6
Concen: 127.643 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion: 99 Resp: 716655

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	35.8	26.1	39.1

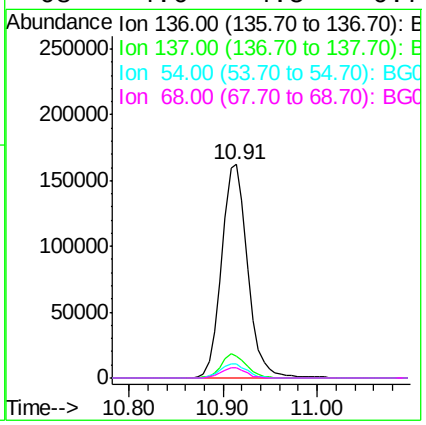


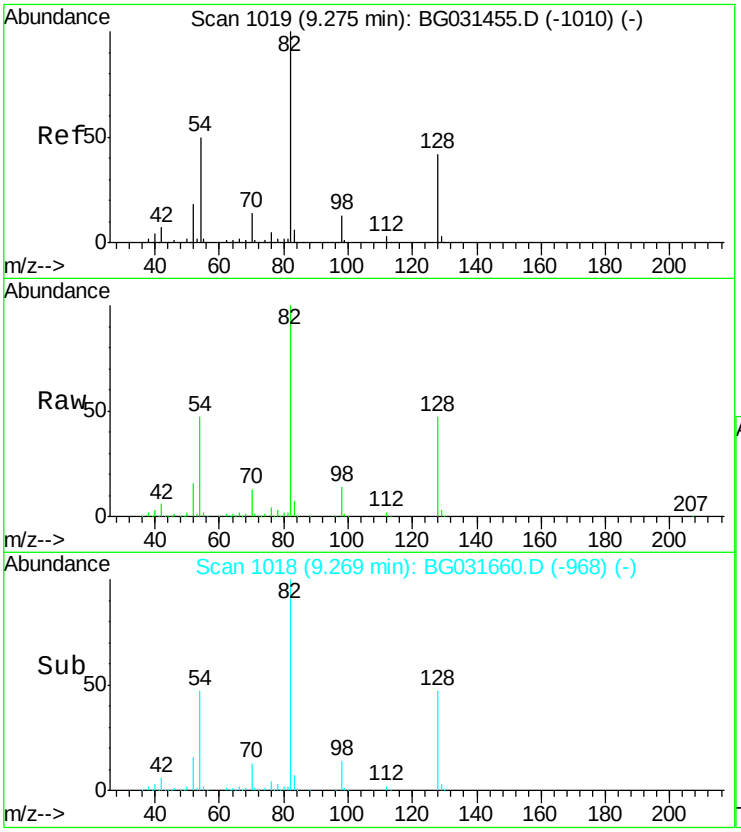


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:136 Resp: 311635

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	6.9	10.3	15.5#
68	4.6	4.5	6.7



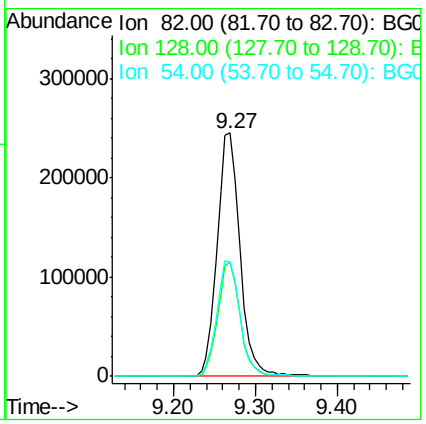


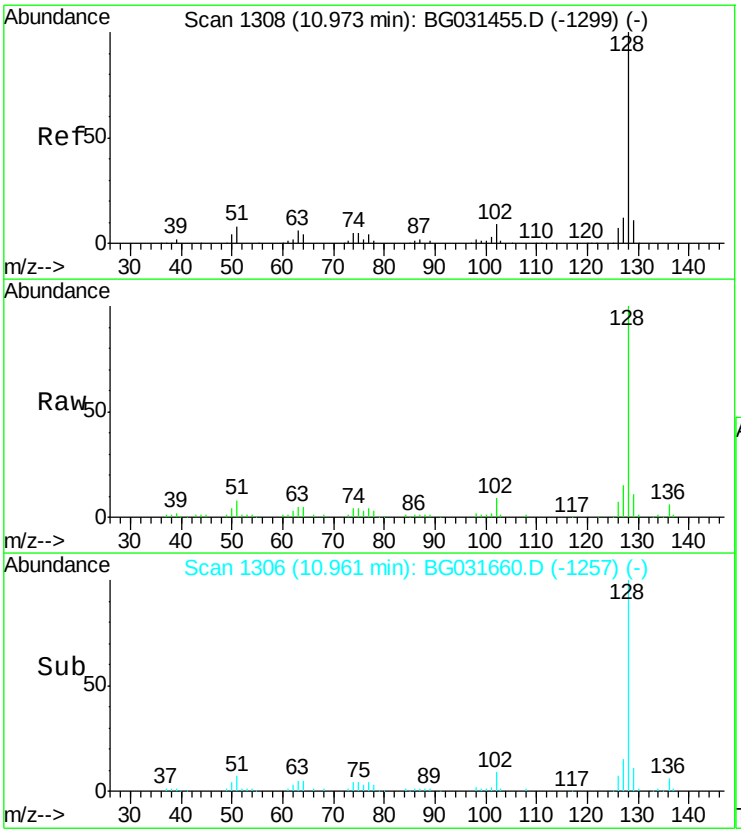
#23
Nitrobenzene-d5
Concen: 94.340 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion: 82 Resp: 476985

Ion	Ratio	Lower	Upper
82	100		
128	46.7	29.7	44.5#
54	47.0	43.1	64.7

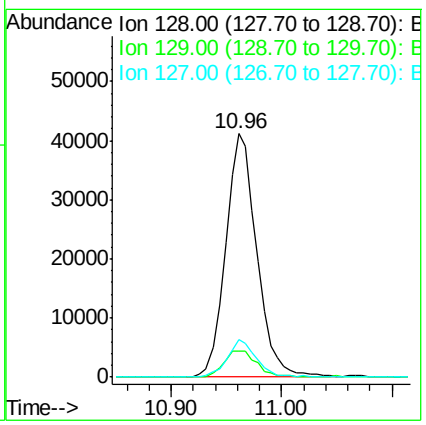


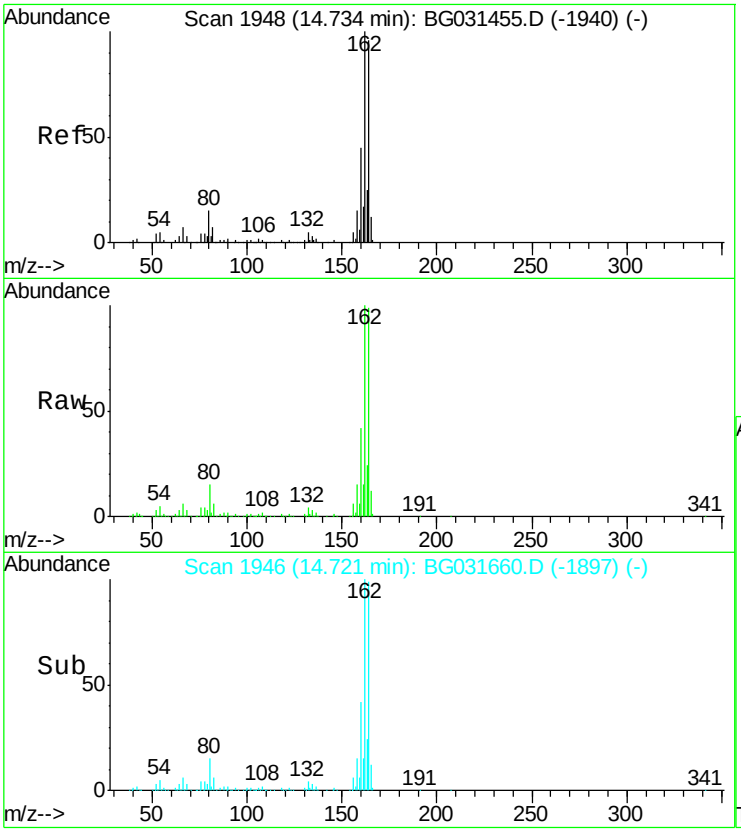


#31
Naphthalene
Concen: 5.286 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:128 Resp: 80935

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	15.3	11.6	17.4



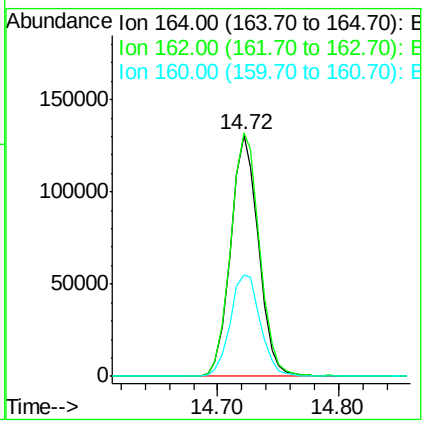


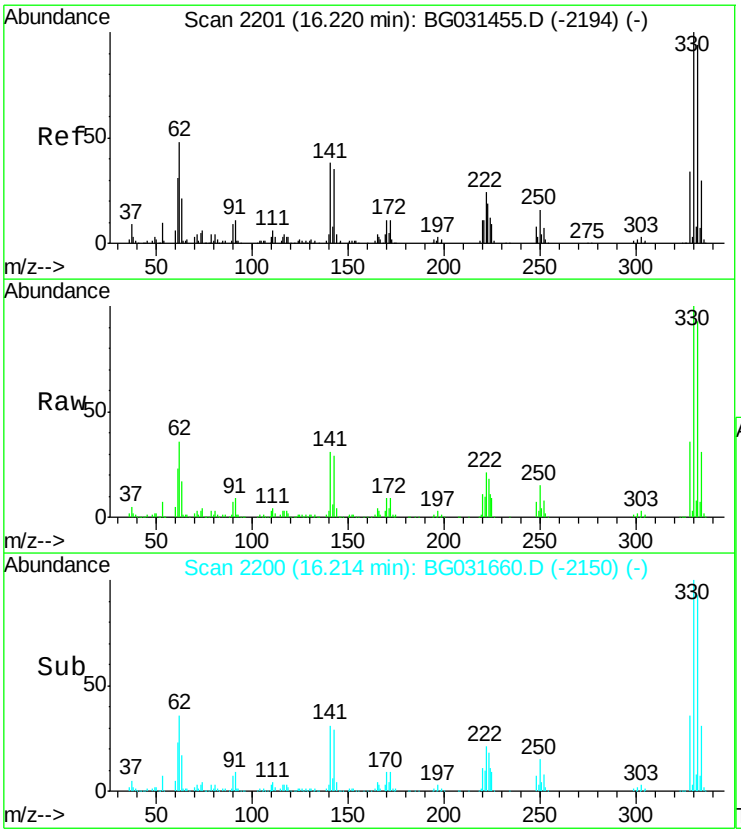
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:164 Resp: 209890

Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	42.3	35.4	53.0

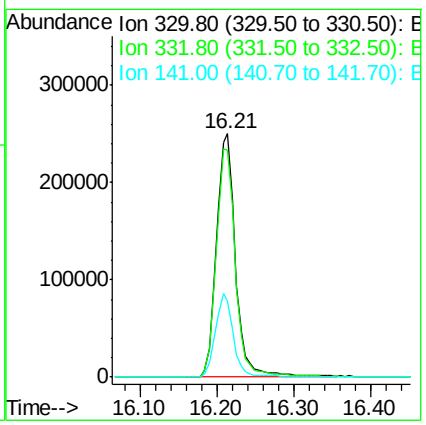


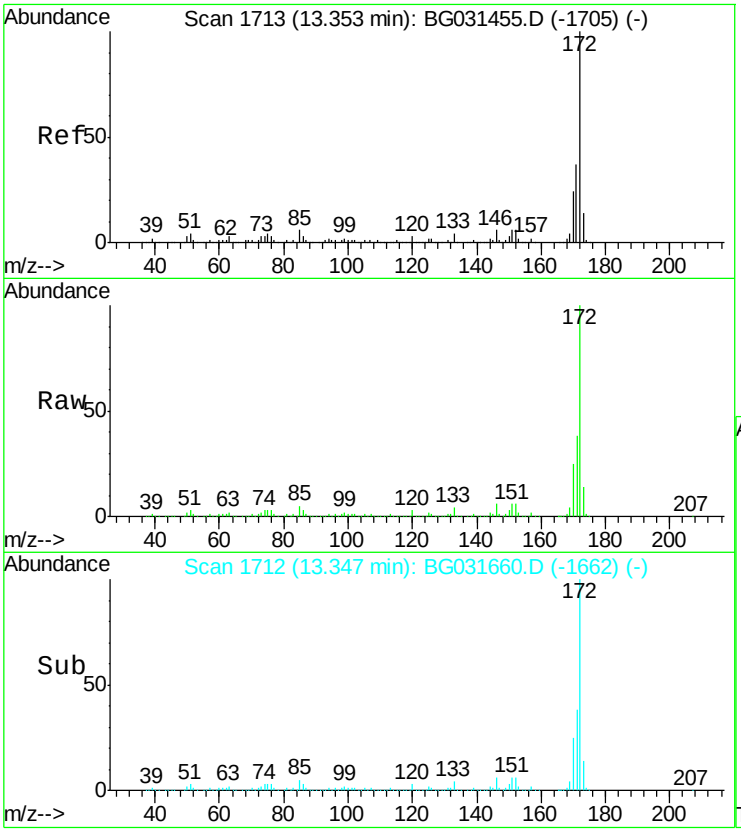


#41
2,4,6-Tribromophenol
Concen: 172.551 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:330 Resp: 424295

Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.5	25.2	37.8



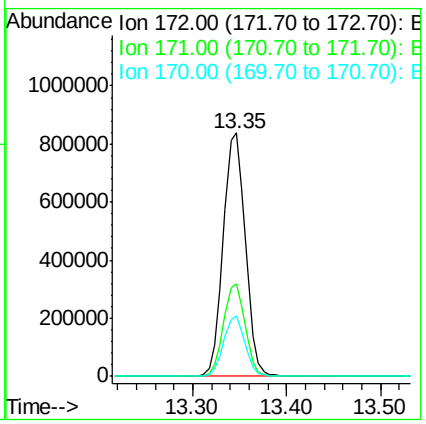


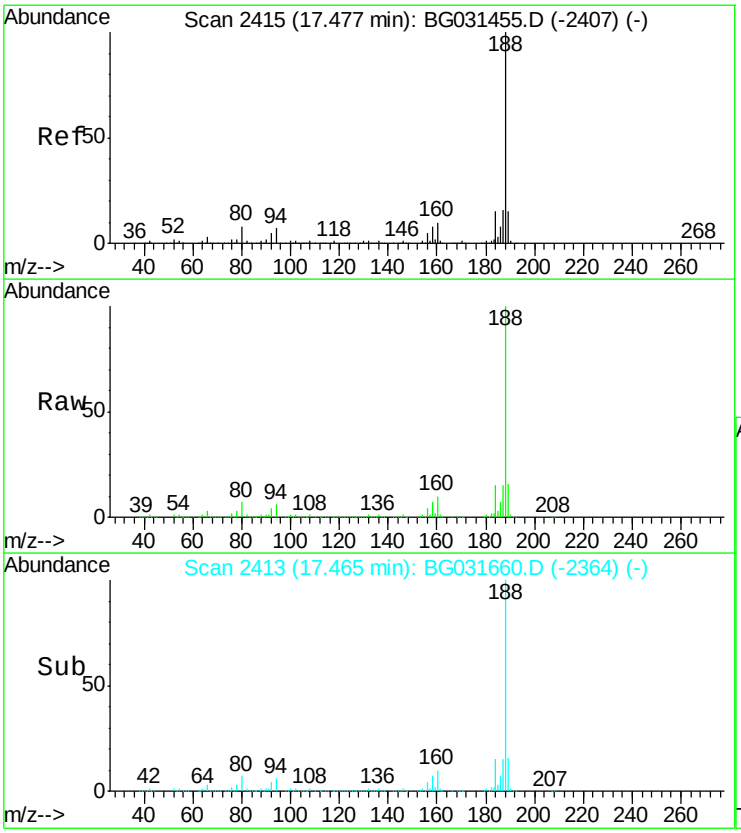
#44
2-Fluorobiphenyl
Concen: 96.105 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:172 Resp: 1374195

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.9	19.5	29.3

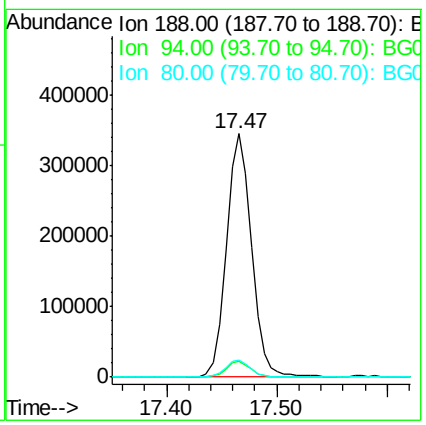


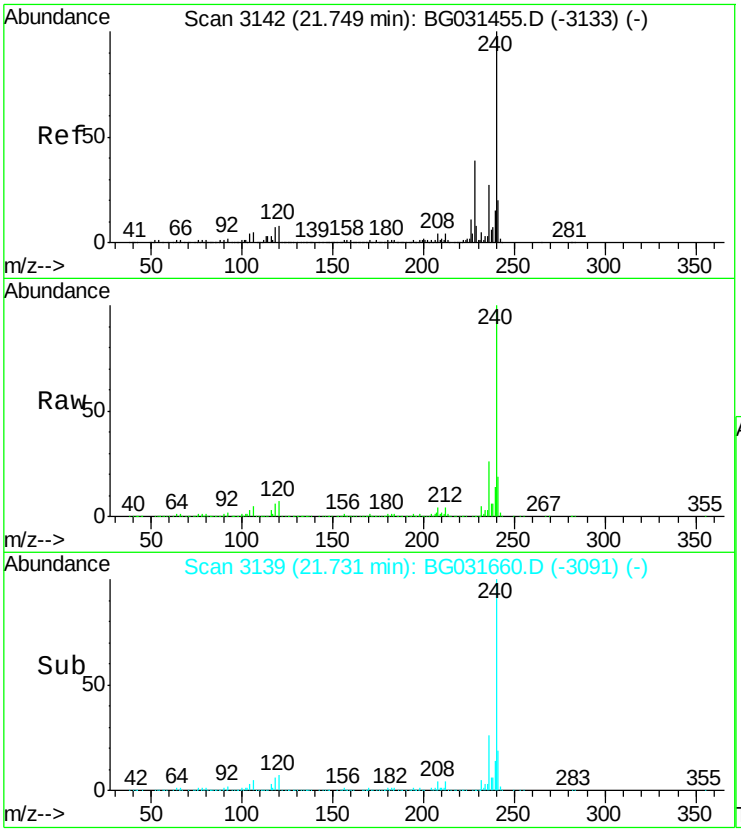


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:188 Resp: 548728

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	6.9	7.7	11.5#



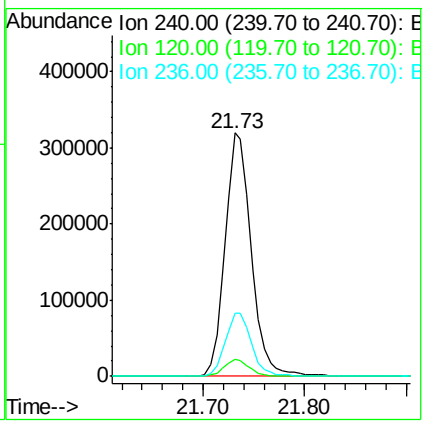


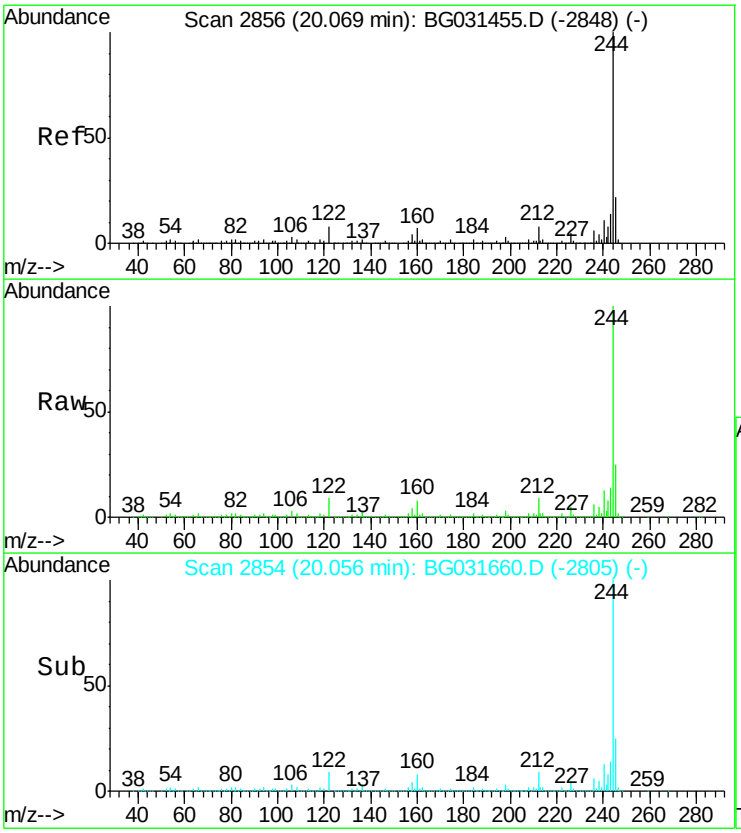
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:240 Resp: 570521

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	26.0	20.9	31.3

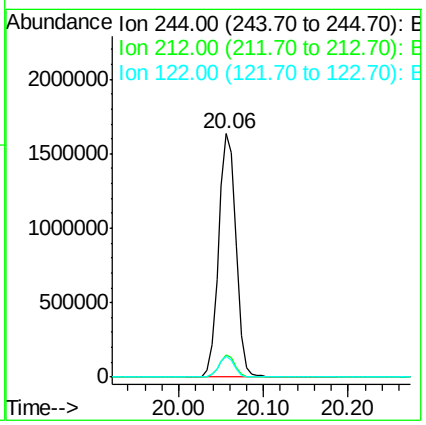


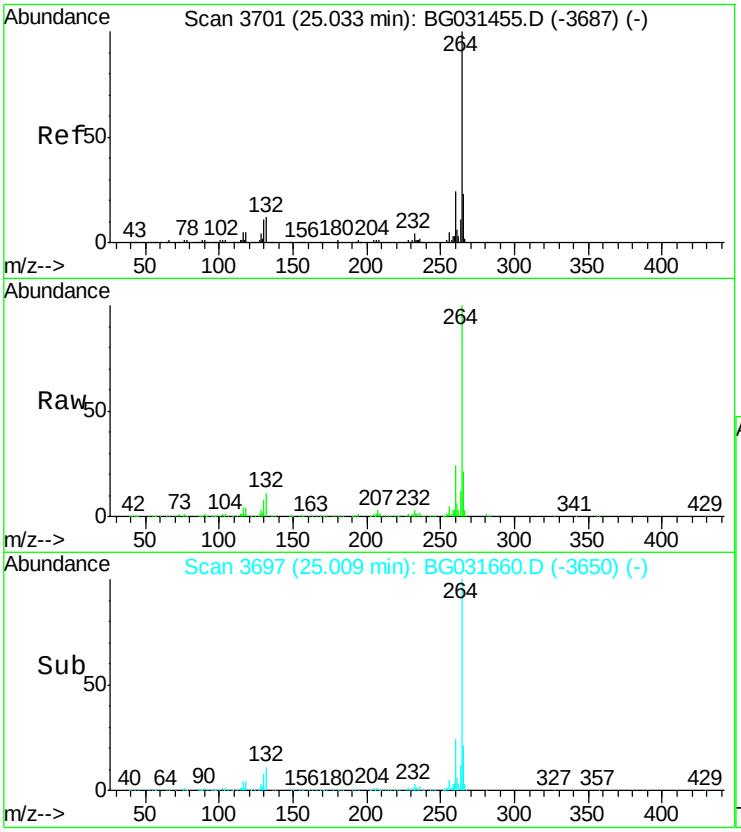


#78
Terphenyl-d14
Concen: 93.384 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Tgt Ion:244 Resp: 2341696

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	8.6	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3697
Delta R.T. -0.02 min
Lab File: BG031660.D
Acq: 19 Dec 2017 8:25

Instrument :
BNA_G
ClientSampleId :
HALSTED-SW

Tgt Ion:264 Resp: 507785

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.1	17.7	26.5