Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
Data File : BG031826.D
Acq On : 28 Dec 2017 15:42
Operator : SJ/JU
Sample : PB105379TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB105379TB

Quant Time: Dec 28 16:22:48 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	8.80	152	48945	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	188514	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	130834	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	357378	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	424984	20.00	ng	-0.06
86) Perylene-d12	26.26	264	446235	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	423069	157.44	ng	-0.02
7) Phenol-d6	7.91	99	527626	151.23	ng	-0.02
23) Nitrobenzene-d5	10.00	82	280110	112.20	ng	-0.04
41) 2,4,6-Tribromophenol	16.90	330	343921	172.28	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	1038225	99.60	ng	-0.04
78) Terphenyl-d14	20.70	244	1901652	102.23	ng	-0.04

Target Compounds	Qvalue

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

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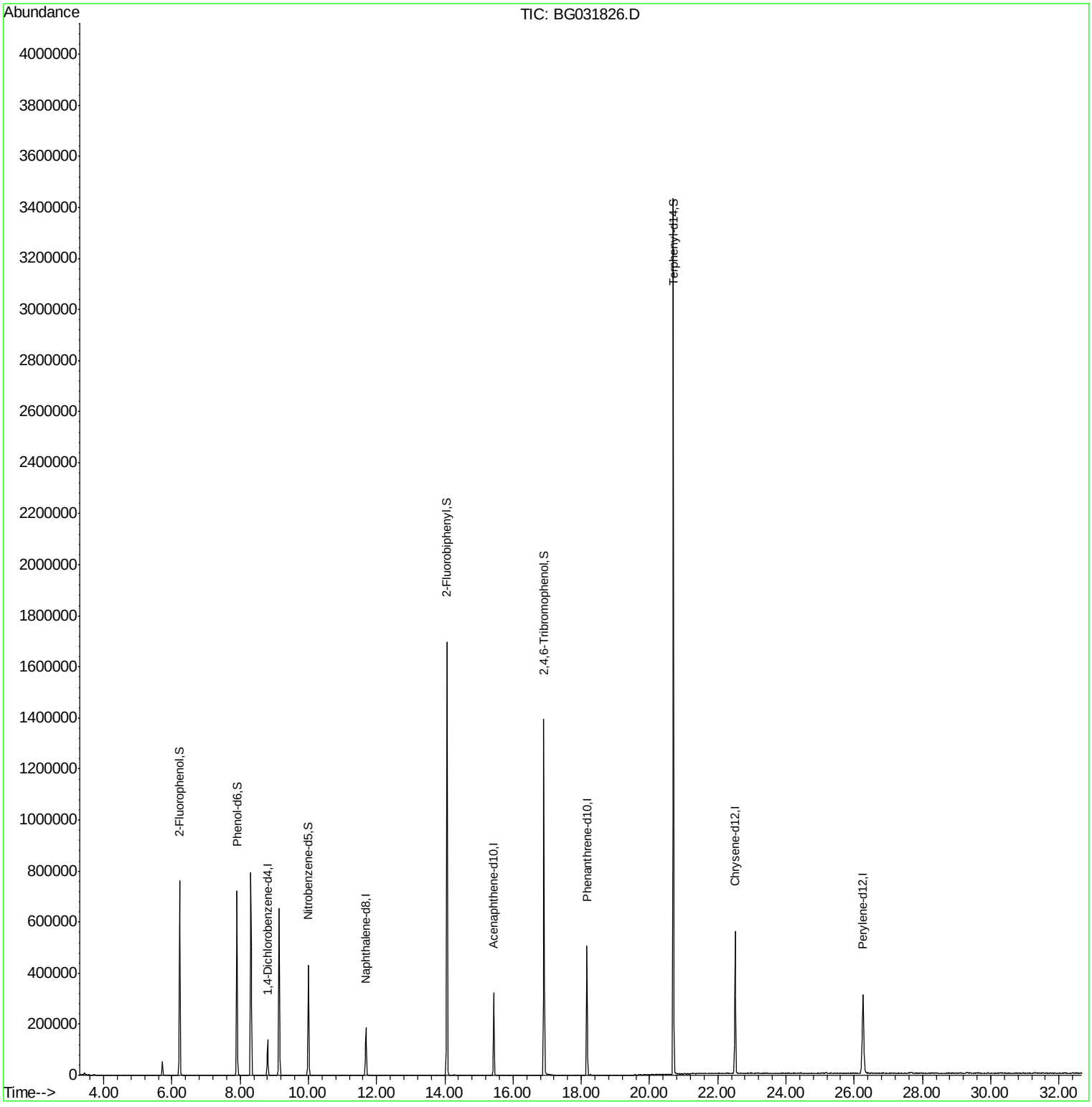
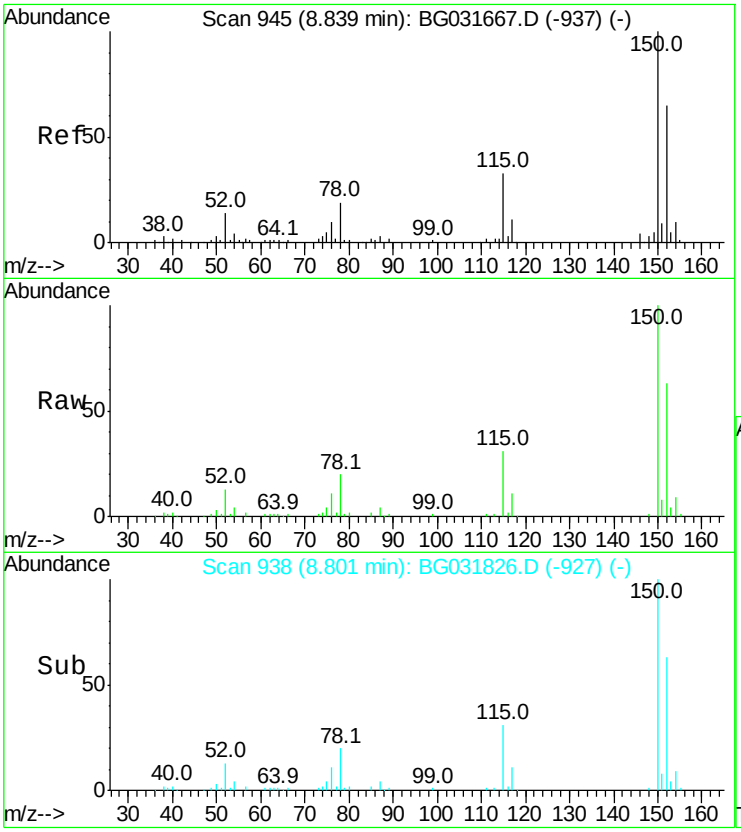


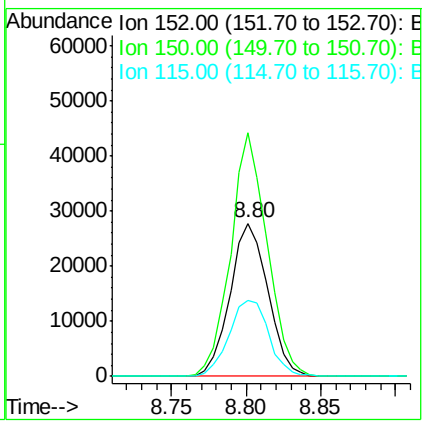


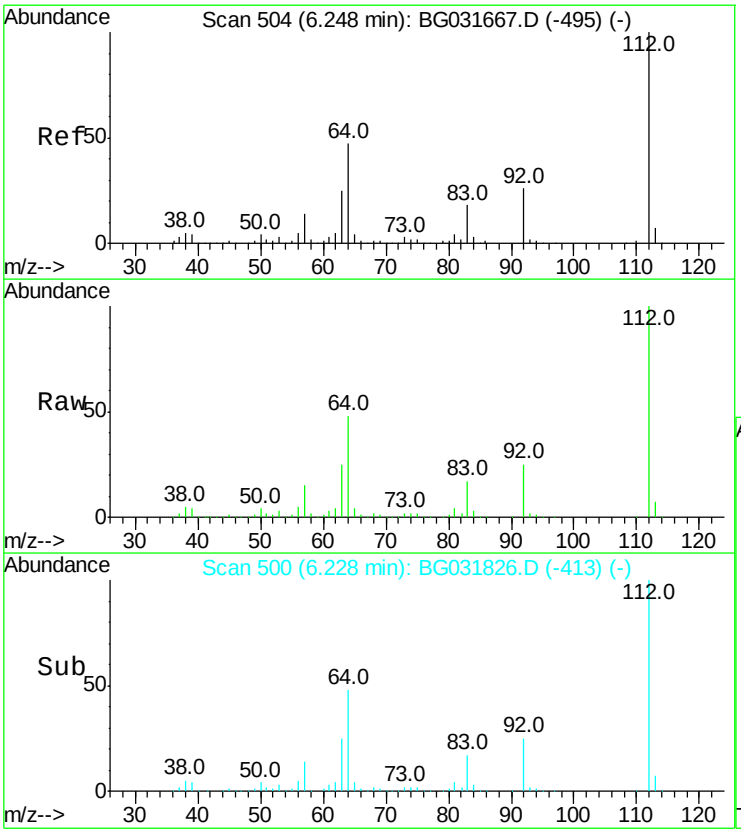
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :
PB105379TB

Tgt Ion:152 Resp: 48945

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.6	189.8
115	49.3	53.0	79.4#

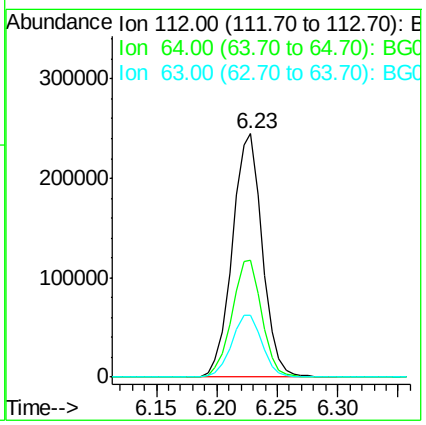


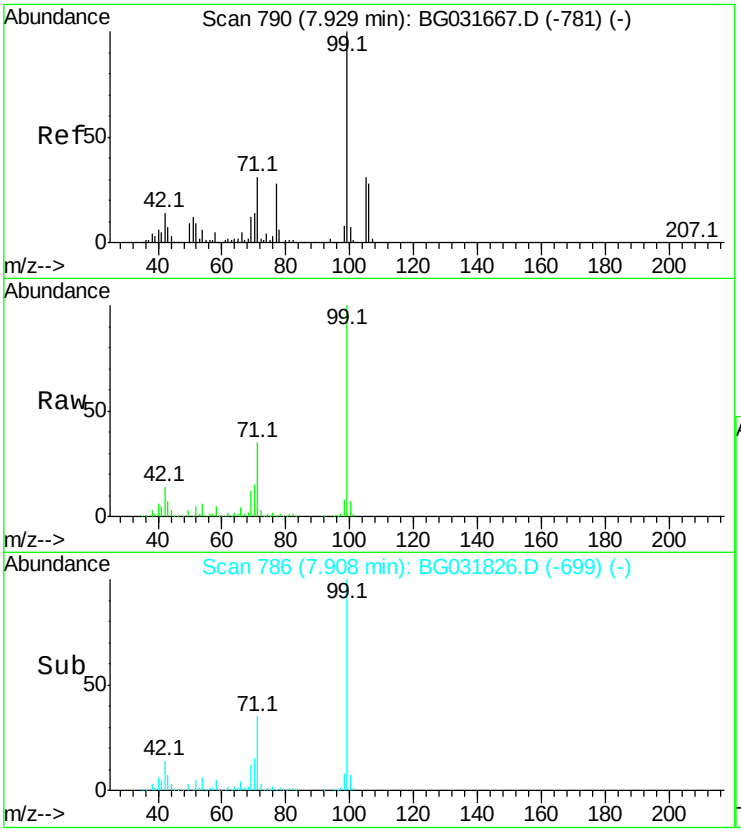


#5
2-Fluorophenol
Concen: 157.436 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:112 Resp: 423069

Ion	Ratio	Lower	Upper
112	100		
64	47.8	56.3	84.5#
63	25.2	30.1	45.1#



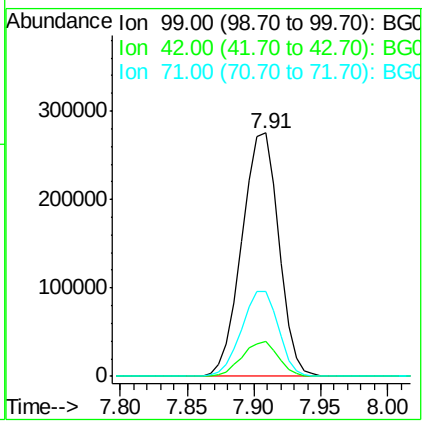


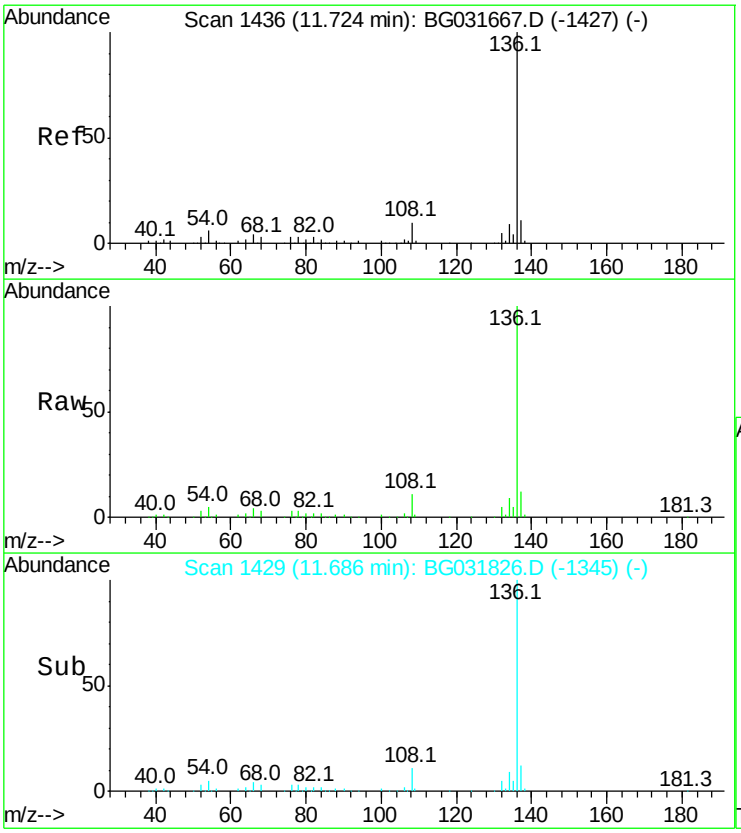
#7
Phenol-d6
Concen: 151.229 ng
RT: 7.91 min Scan# 786
Delta R.T. -0.02 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :
PB105379TB

Tgt Ion: 99 Resp: 527626

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.1	21.1
71	35.0	26.1	39.1

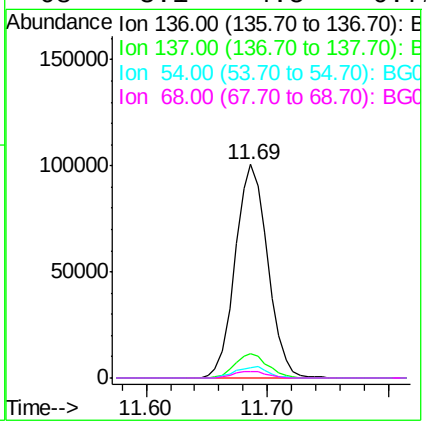


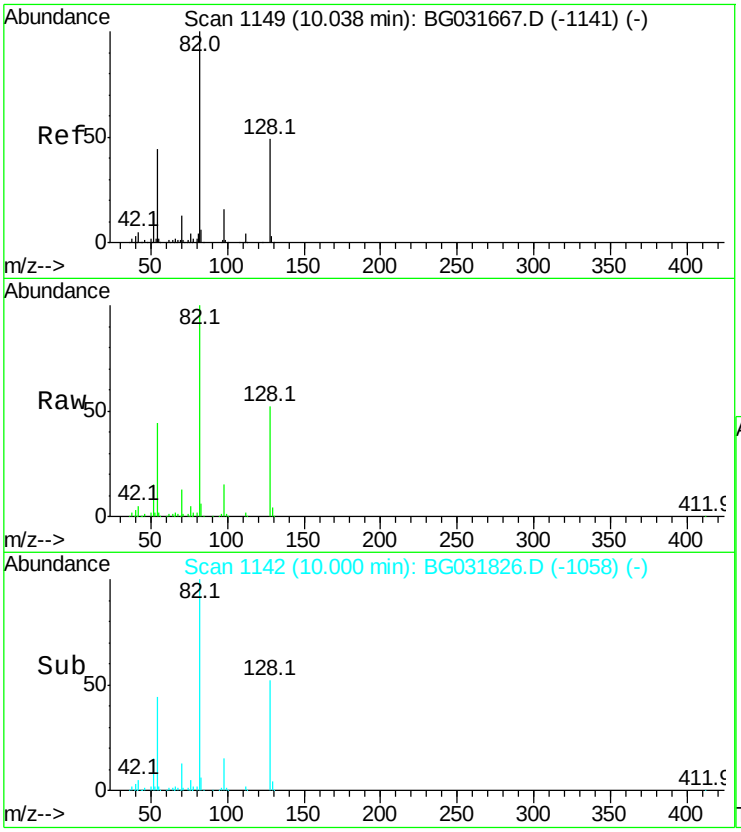


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1429
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:136 Resp: 188514

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	4.7	10.3	15.5#
68	3.1	4.5	6.7#



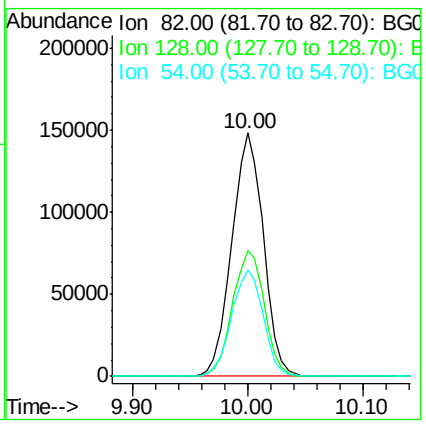


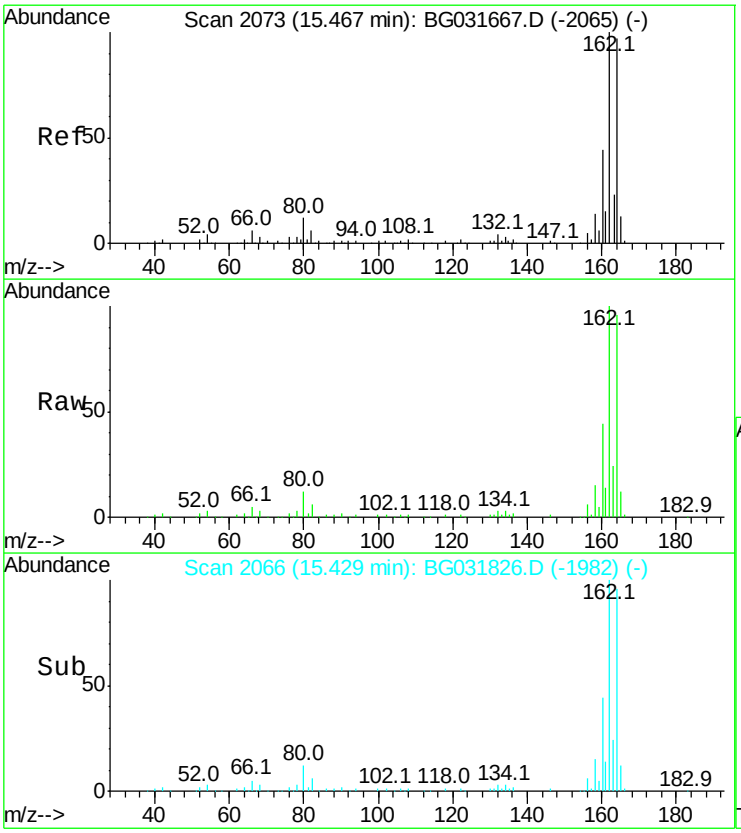
#23
Nitrobenzene-d5
Concen: 112.202 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :
PB105379TB

Tgt Ion: 82 Resp: 280110

Ion	Ratio	Lower	Upper
82	100		
128	51.9	29.7	44.5#
54	43.7	43.1	64.7

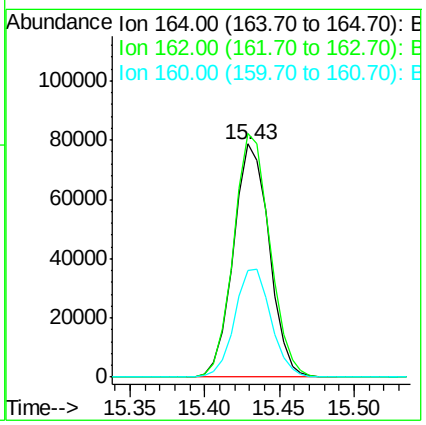


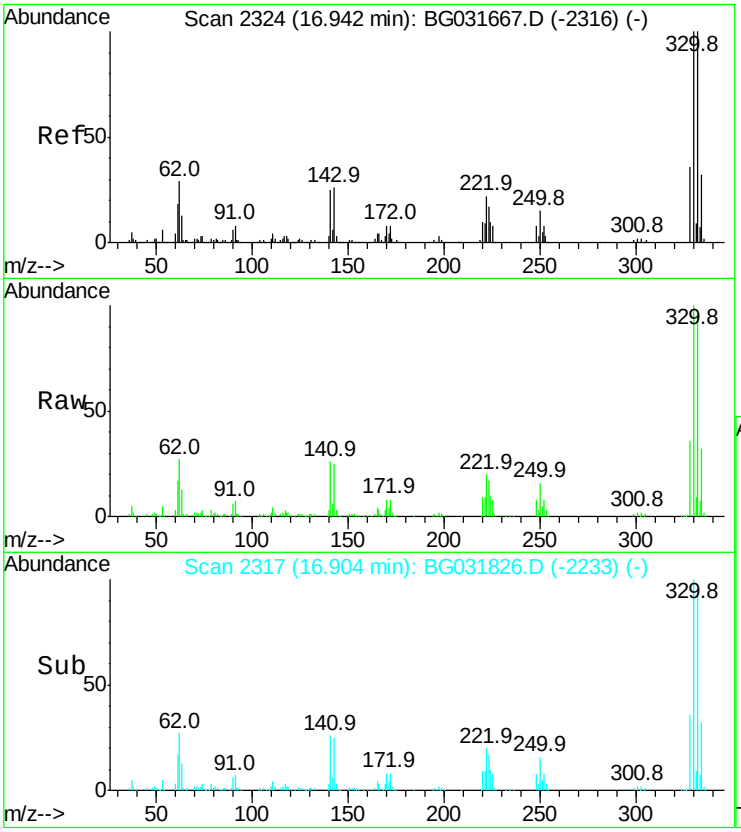


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:164 Resp: 130834

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	45.6	35.4	53.0



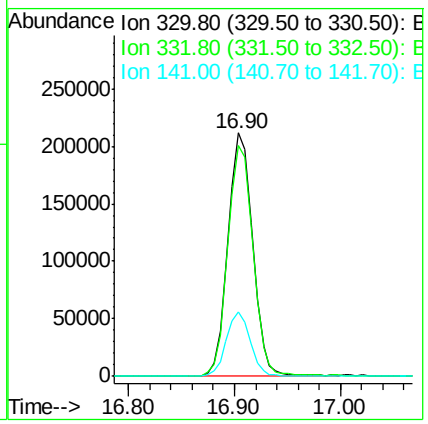


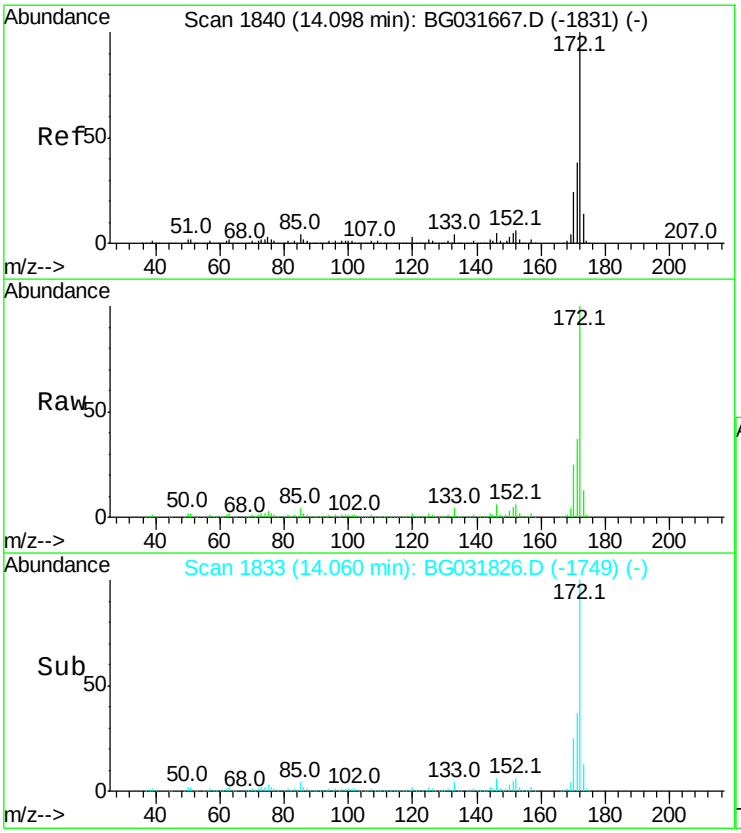
#41
2,4,6-Tribromophenol
Concen: 172.275 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :
PB105379TB

Tgt Ion:330 Resp: 343921

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	25.6	25.2	37.8

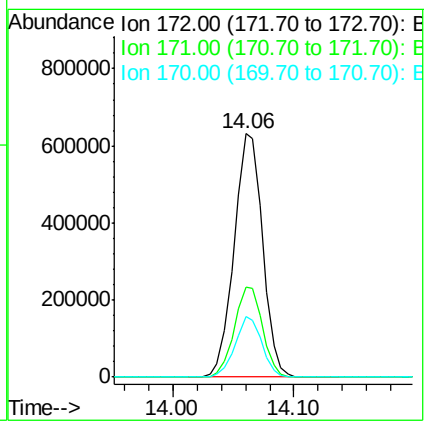


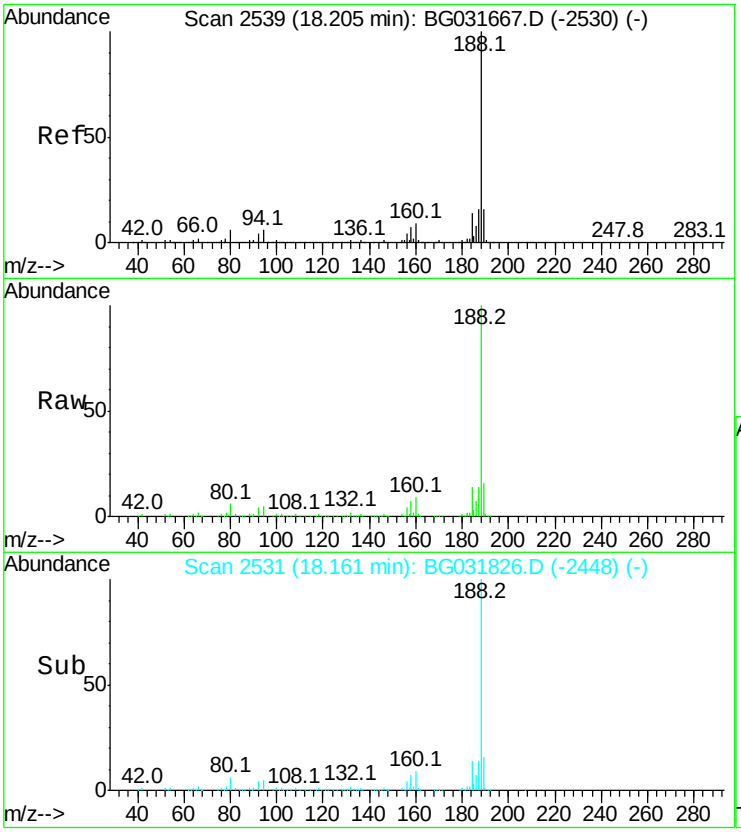


#44
2-Fluorobiphenyl
Concen: 99.600 ng
RT: 14.06 min Scan# 1833
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:172 Resp: 1038225

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.0	45.0
170	24.7	19.5	29.3



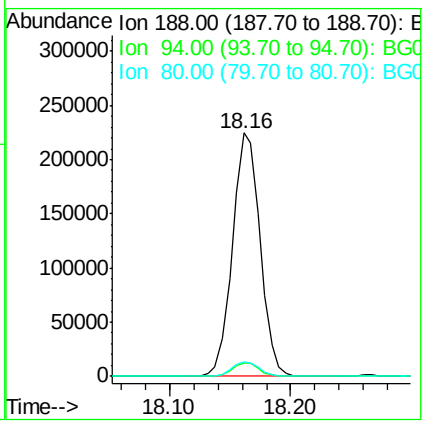


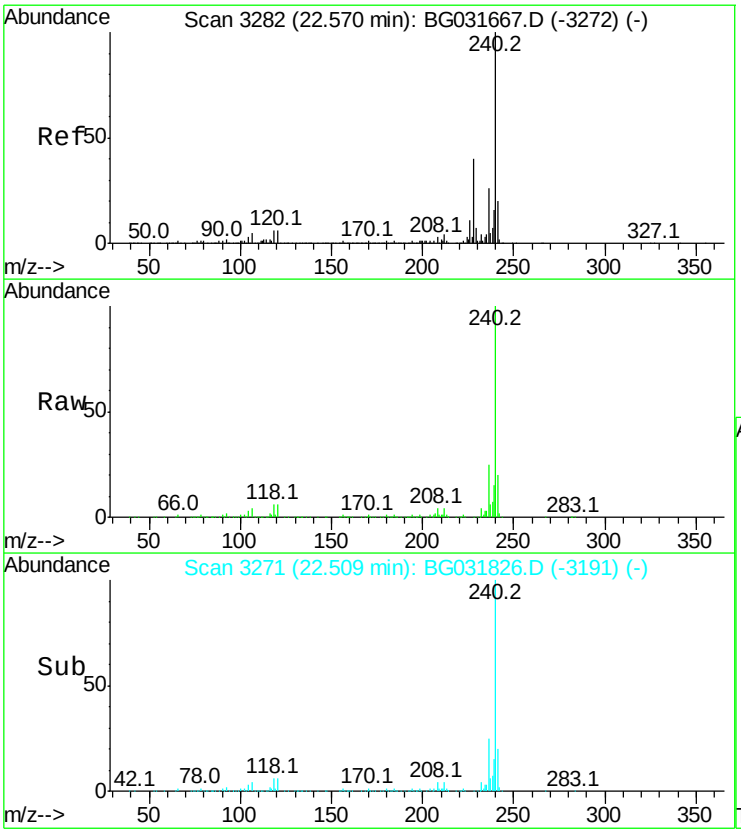
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2531
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :
PB105379TB

Tgt Ion:188 Resp: 357378

Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	5.8	7.7	11.5#

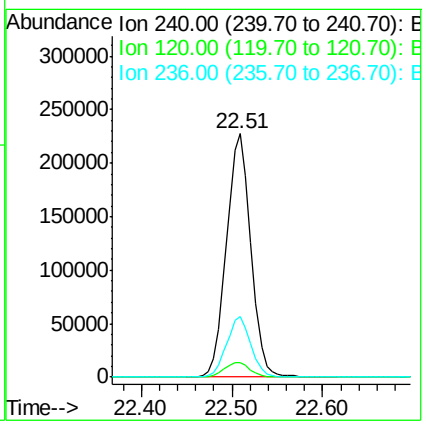


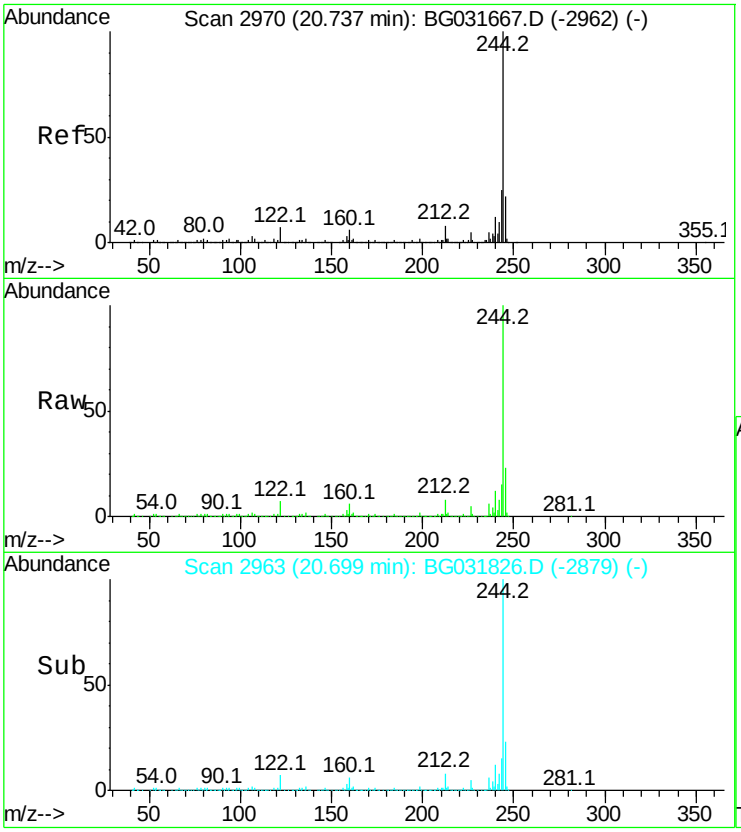


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:240 Resp: 424984

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	24.8	20.9	31.3



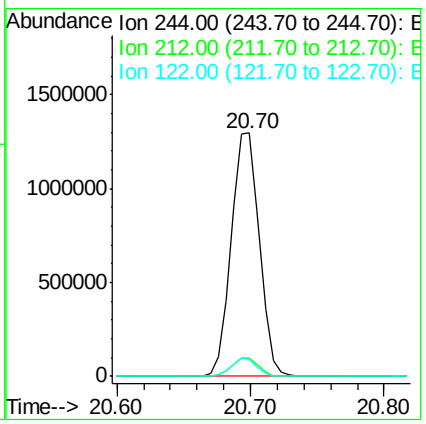


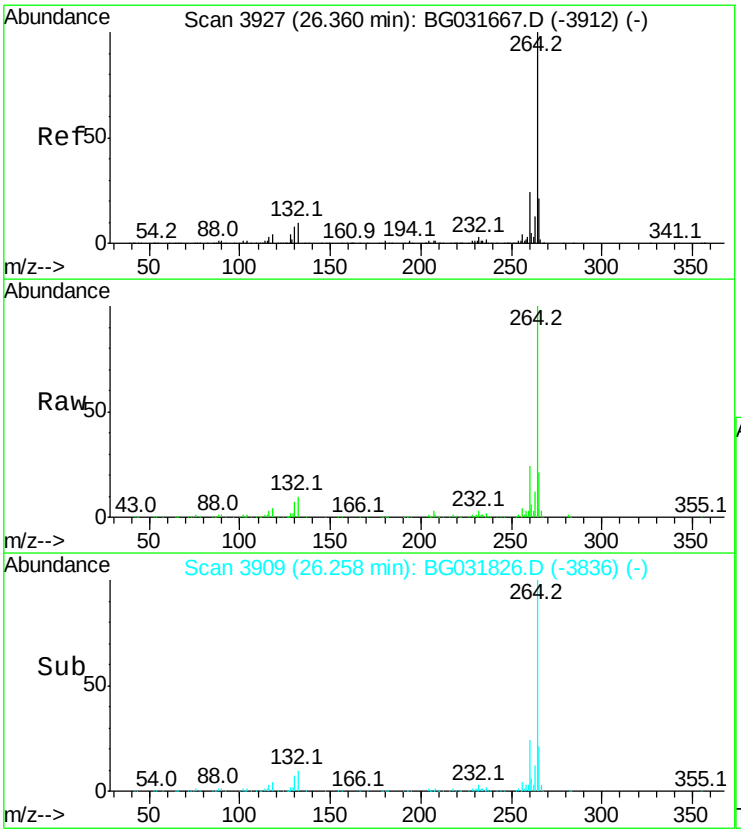
#78
Terphenyl-d14
Concen: 102.230 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031826.D
Acq: 28 Dec 2017 15:42

Instrument :
BNA_G
ClientSampleId :
PB105379TB

Tgt Ion:244 Resp: 1901652

Ion	Ratio	Lower	Upper
244	100		
212	7.6	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: BG031826.D
Acq: 28 Dec 2017 15:42

Tgt Ion:264 Resp: 446235

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.1	17.7	26.5