Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033738.D
Acq On : 11 Apr 2018 8:09
Operator : SJ/JU
Sample : J2306-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CHRT26884

Quant Time: Apr 11 08:50:44 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	38953	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	162542	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	107335	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	287545	20.00	ng	0.00
75) Chrysene-d12	22.54	240	314544	20.00	ng	0.00
86) Perylene-d12	26.30	264	211518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	352269	169.58	ng	0.00
7) Phenol-d6	7.97	99	444708	124.59	ng	0.00
23) Nitrobenzene-d5	10.05	82	382465	108.11	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	235308	146.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	850816	114.43	ng	0.00
78) Terphenyl-d14	20.72	244	1567062	106.55	ng	0.00
Target Compounds						Qvalue

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

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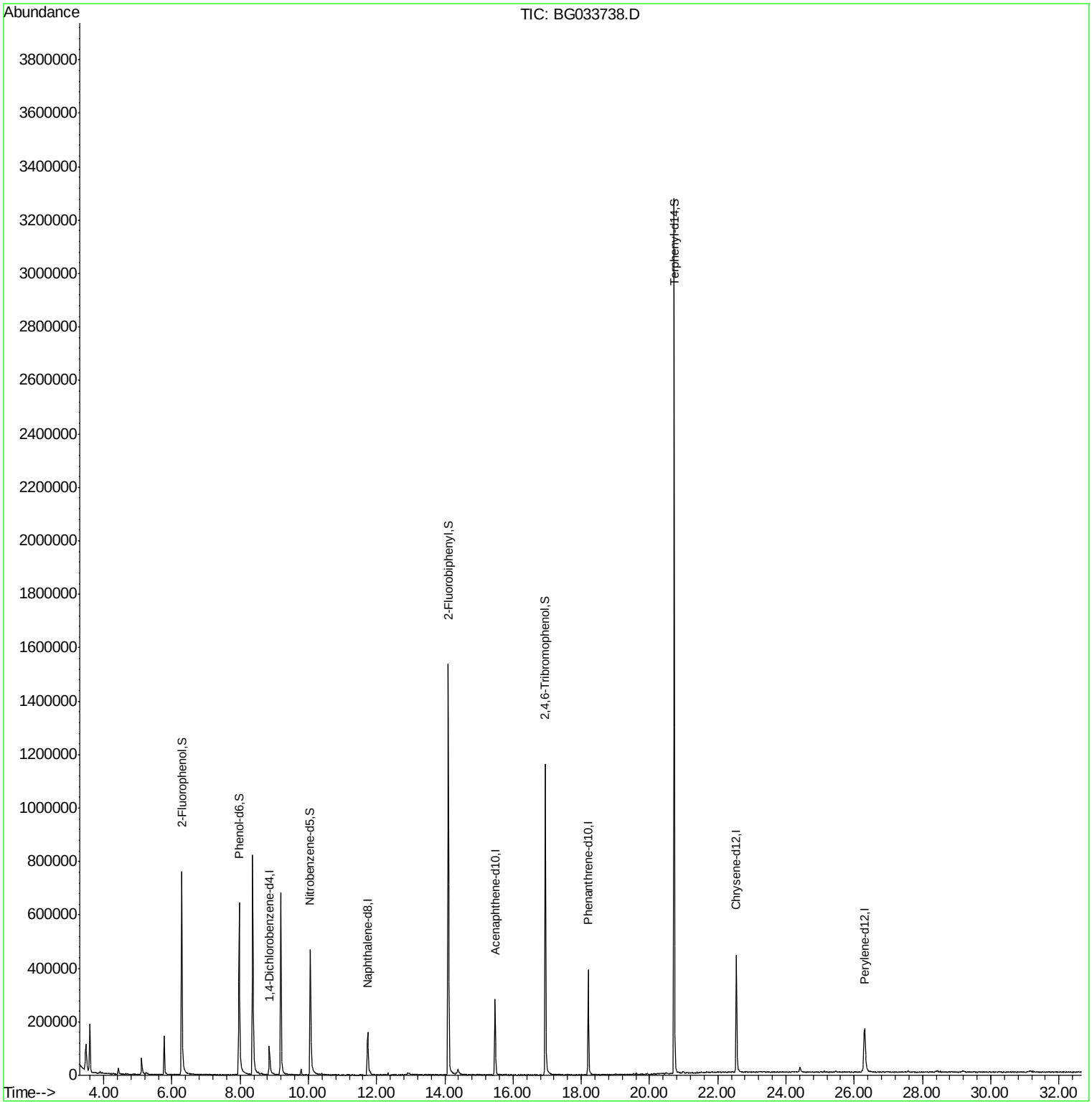
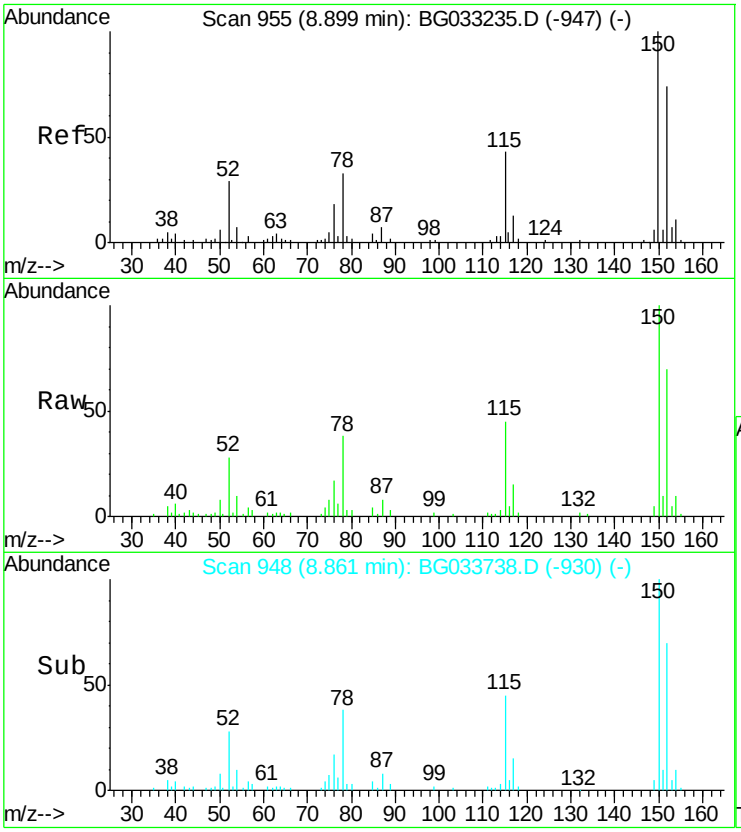


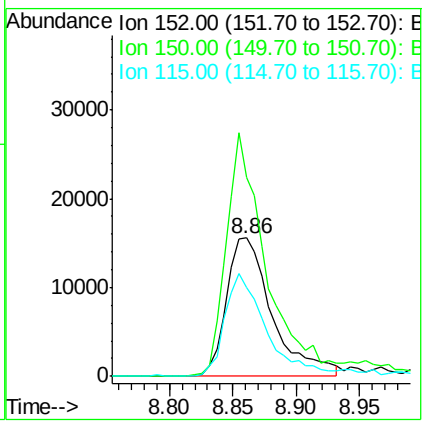


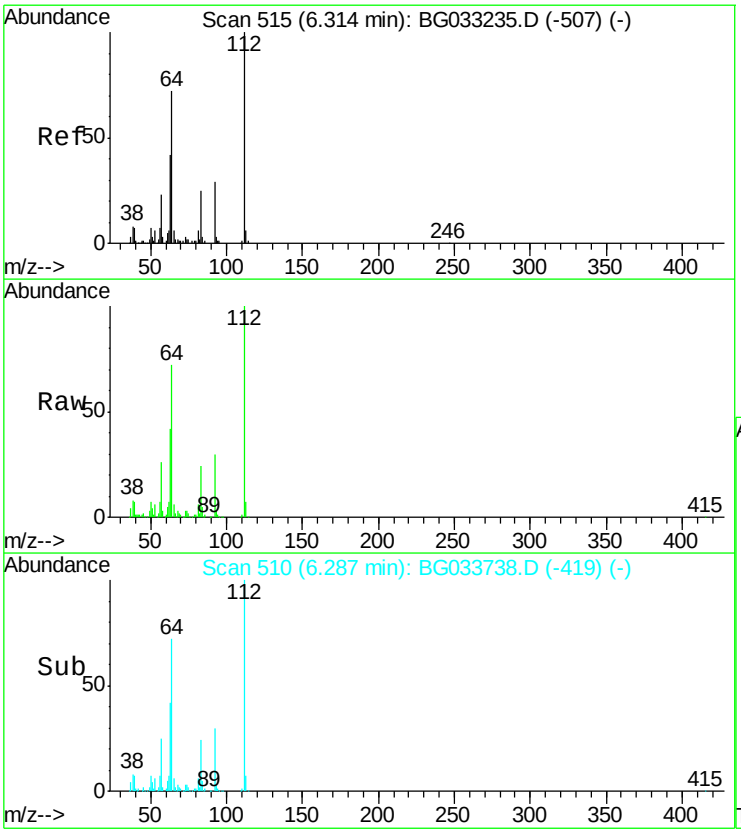
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :
CHRT26884

Tgt Ion:152 Resp: 38953

Ion	Ratio	Lower	Upper
152	100		
150	143.8	126.6	189.8
115	64.3	53.0	79.4

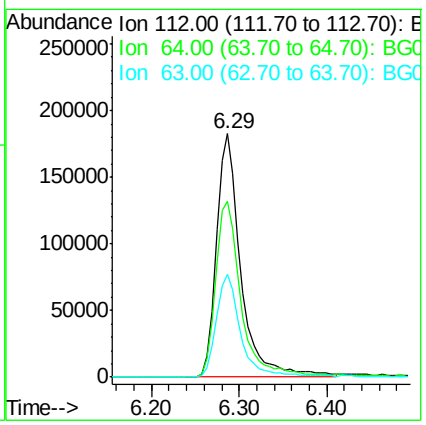


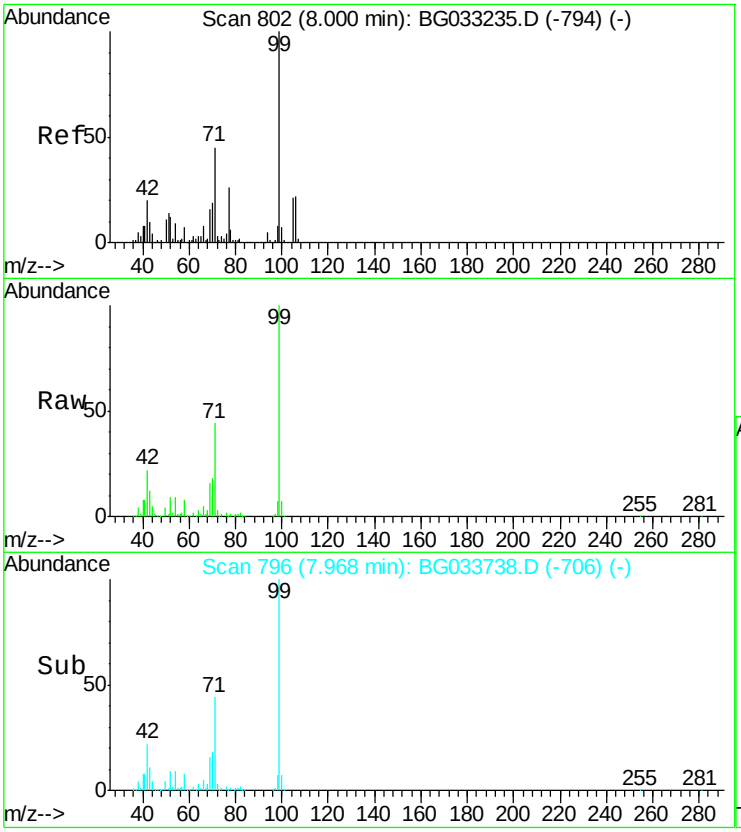


#5
2-Fluorophenol
Concen: 169.575 ng
RT: 6.29 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:112 Resp: 352269

Ion	Ratio	Lower	Upper
112	100		
64	72.0	56.3	84.5
63	42.3	30.1	45.1



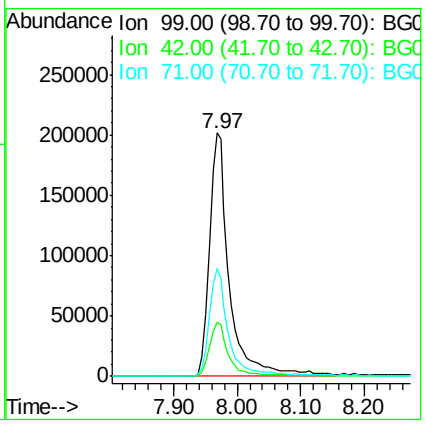


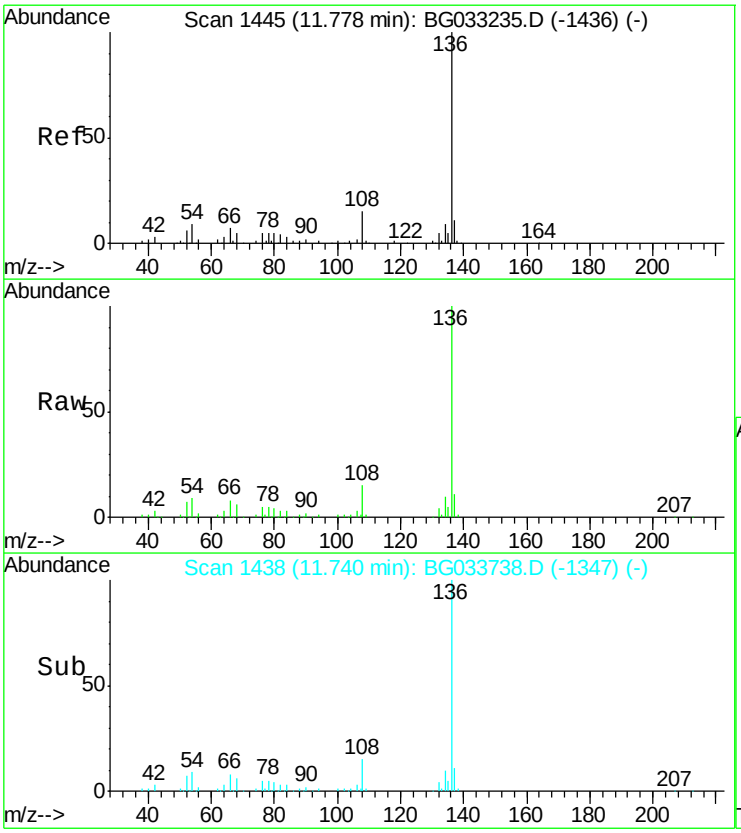
#7
Phenol-d6
Concen: 124.591 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :
CHRT26884

Tgt Ion: 99 Resp: 444708

Ion	Ratio	Lower	Upper
99	100		
42	22.3	14.1	21.1#
71	44.5	26.1	39.1#

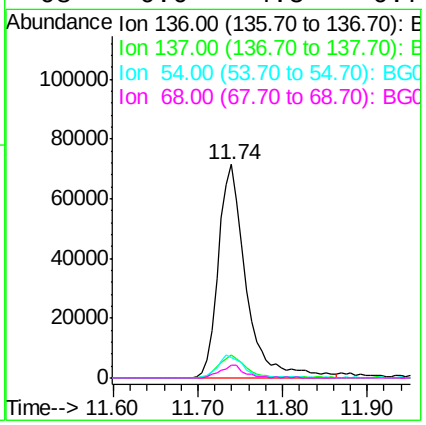


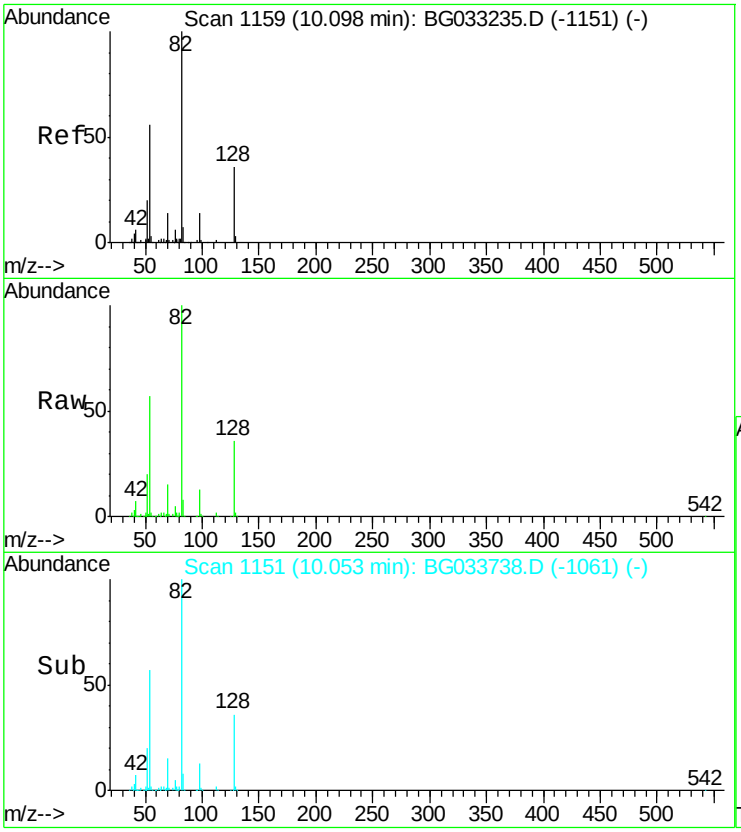


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:136 Resp: 162542

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	9.3	10.3	15.5#
68	6.0	4.5	6.7



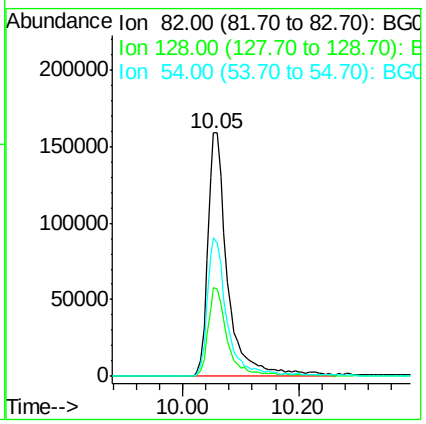


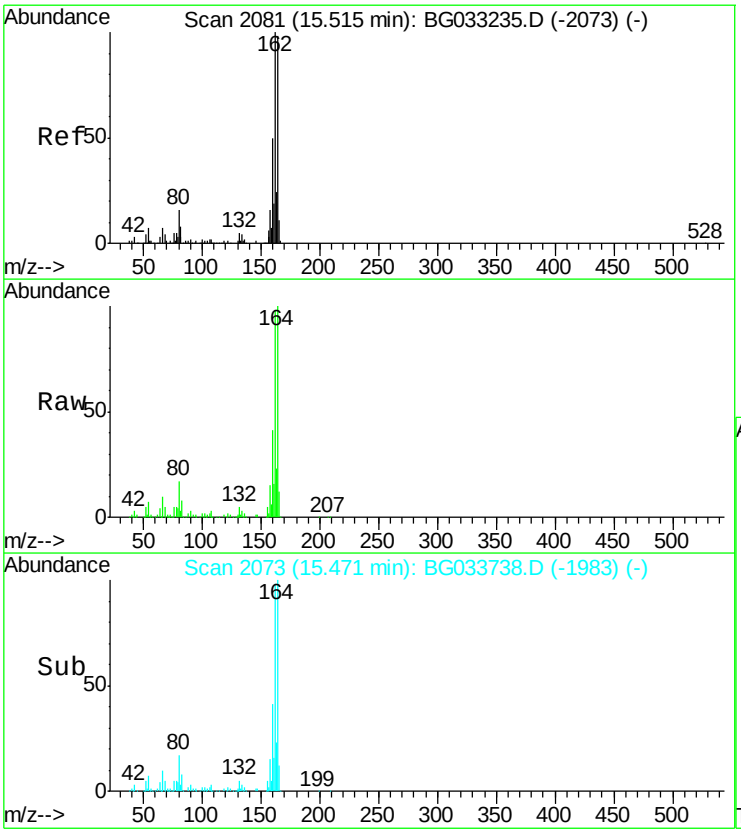
#23
Nitrobenzene-d5
Concen: 108.107 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :
CHRT26884

Tgt Ion: 82 Resp: 382465

Ion	Ratio	Lower	Upper
82	100		
128	36.2	29.7	44.5
54	57.1	43.1	64.7

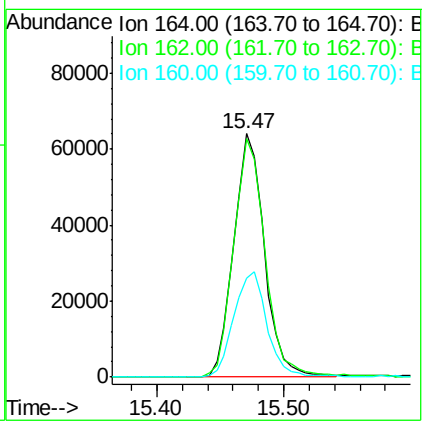


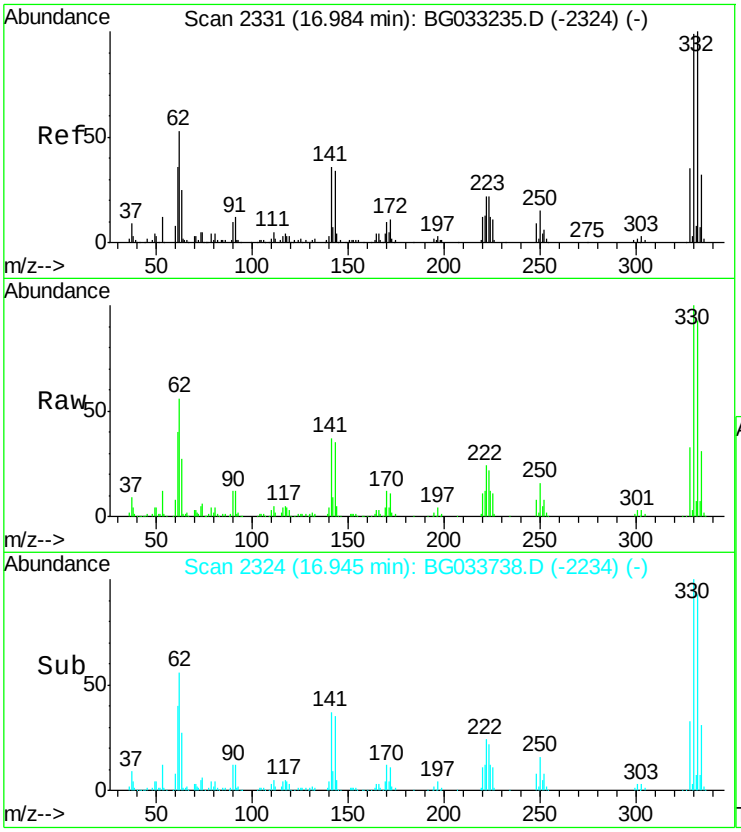


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.47 min Scan# 2073
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:164 Resp: 107335

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.8	118.2
160	40.8	35.4	53.0



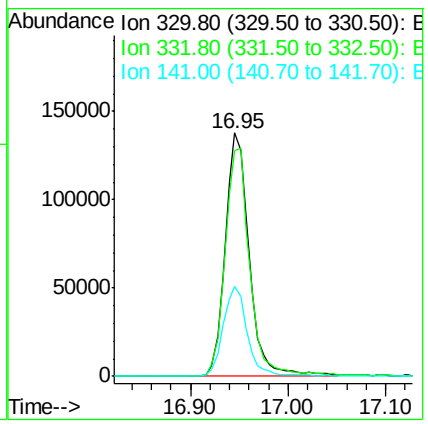


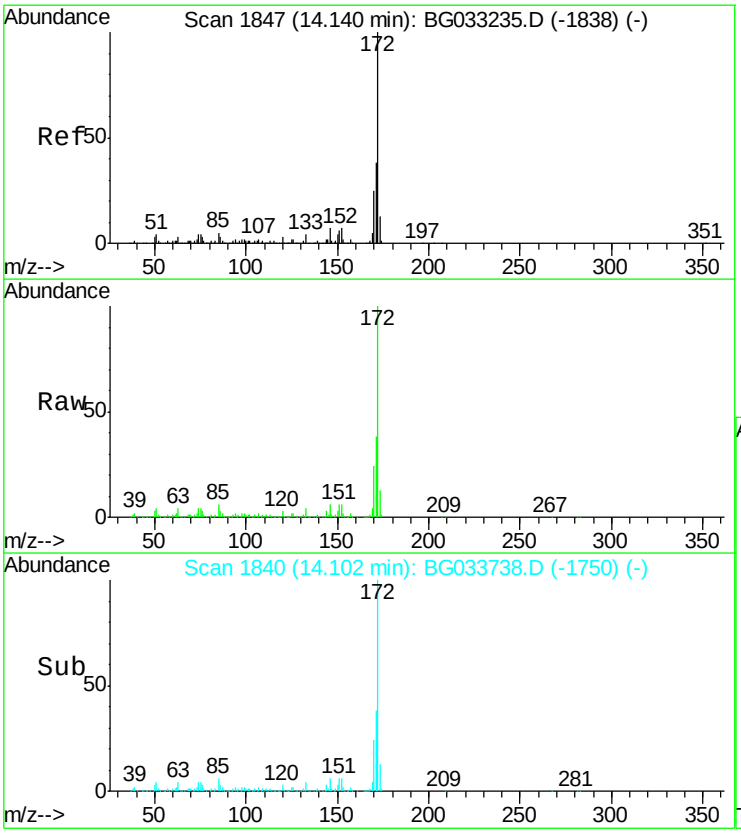
#41
2,4,6-Tribromophenol
Concen: 146.580 ng
RT: 16.95 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :
CHRT26884

Tgt Ion:330 Resp: 235308

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.0	25.2	37.8

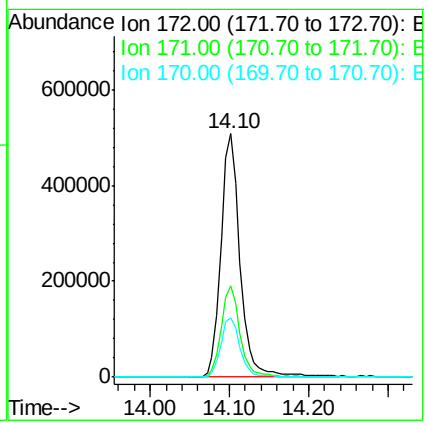


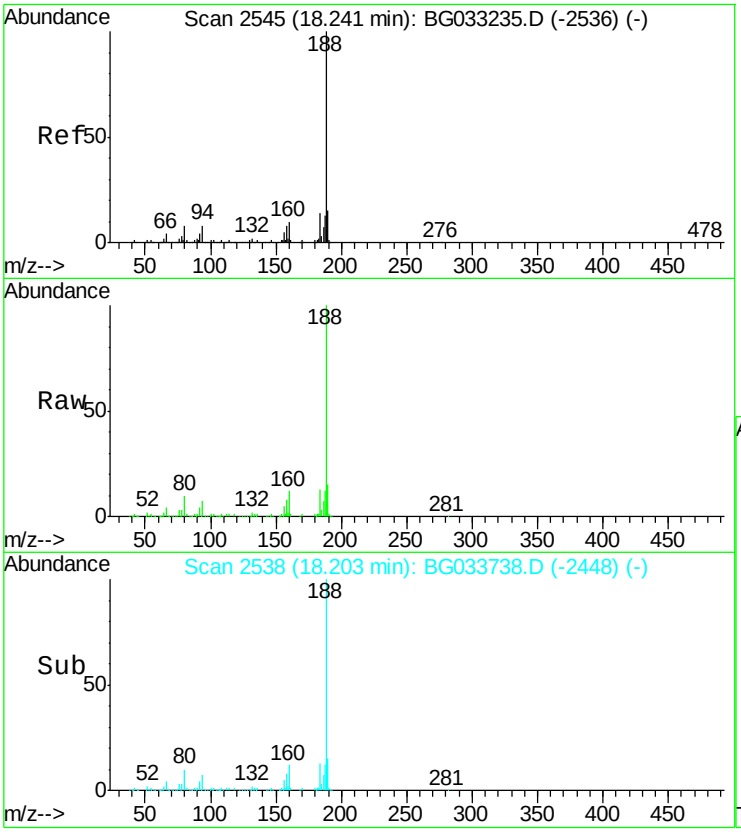


#44
2-Fluorobiphenyl
Concen: 114.433 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:172 Resp: 850816

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.0	45.0
170	24.3	19.5	29.3



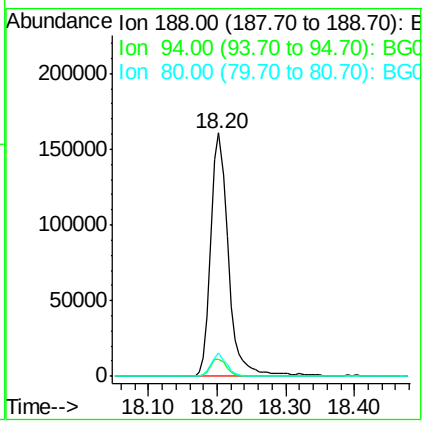


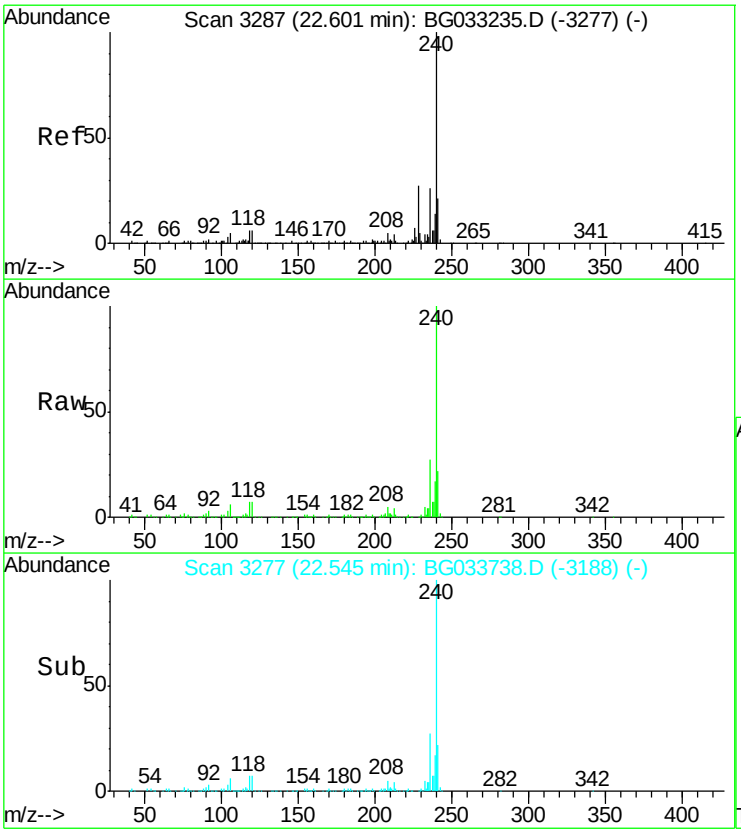
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :
CHRT26884

Tgt Ion:188 Resp: 287545

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	9.8	7.7	11.5

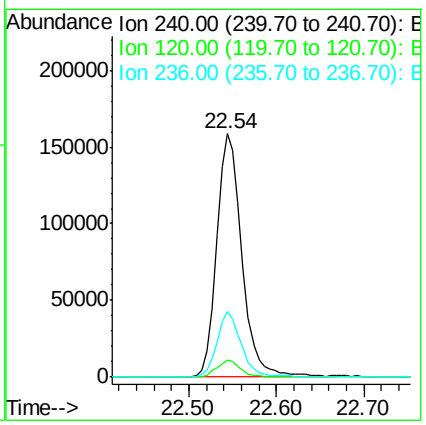


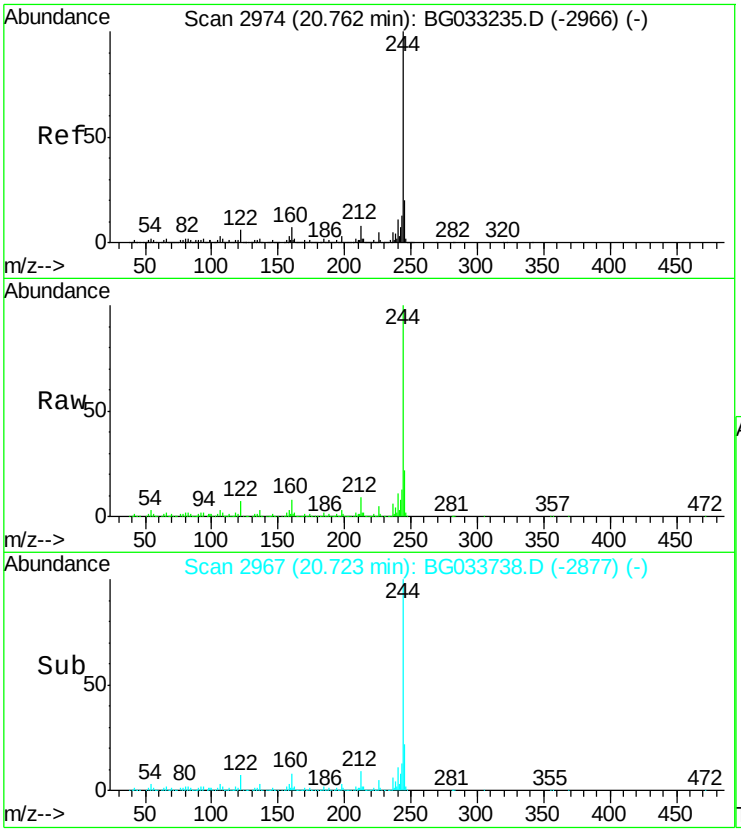


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.54 min Scan# 3277
Delta R.T. -0.01 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:240 Resp: 314544

Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	27.1	20.9	31.3



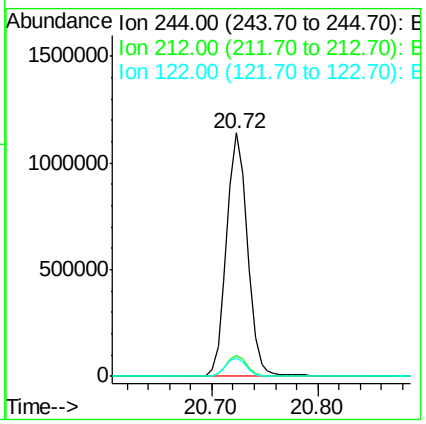


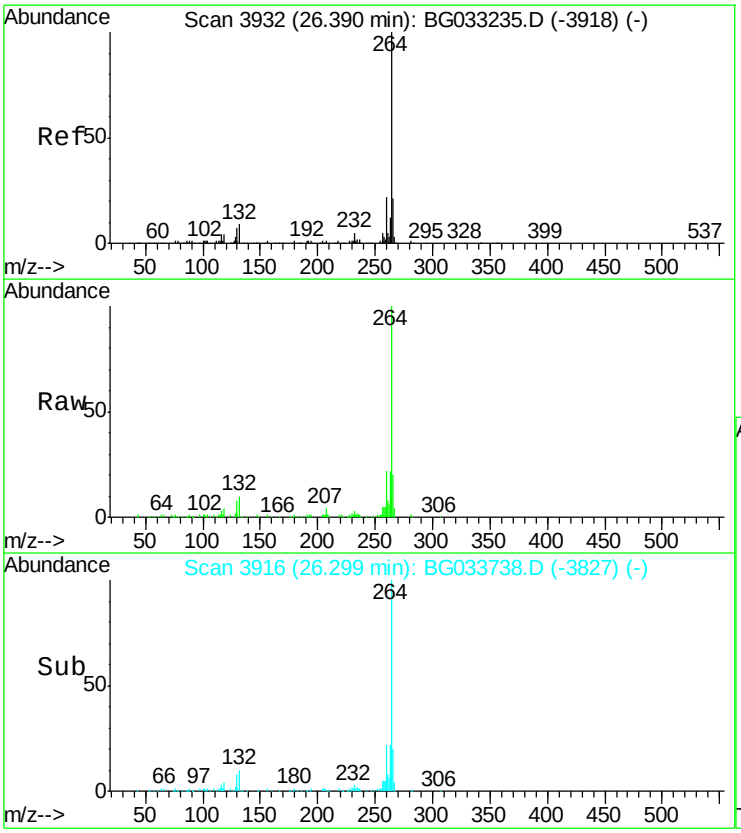
#78
Terphenyl-d14
Concen: 106.546 ng
RT: 20.72 min Scan# 2967
Delta R.T. -0.00 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Instrument :
BNA_G
ClientSampleId :
CHRT26884

Tgt Ion:244 Resp: 1567062

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.30 min Scan# 3916
Delta R.T. -0.01 min
Lab File: BG033738.D
Acq: 11 Apr 2018 8:09

Tgt Ion:264 Resp: 211518

Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.0	17.7	26.5