Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022118\
Data File : BG032764.D
Acq On : 21 Feb 2018 17:48
Operator : SJ/JU
Sample : J1391-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AU-05-022018-B

Quant Time: Feb 22 06:45:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 21 15:45:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.93	152	74443	20.00	ng	0.00
21) Naphthalene-d8	11.82	136	321705	20.00	ng	0.00
38) Acenaphthene-d10	15.55	164	177846	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	401794	20.00	ng	0.00
75) Chrysene-d12	22.64	240	383461	20.00	ng	0.00
86) Perylene-d12	26.45	264	421373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.35	112	593905	127.64	ng	0.00
7) Phenol-d6	8.03	99	695838	107.29	ng	0.00
23) Nitrobenzene-d5	10.13	82	489305	103.15	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	298487	159.62	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1107795	89.84	ng	0.00
78) Terphenyl-d14	20.80	244	1608243	94.23	ng	0.00
Target Compounds						Qvalue

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

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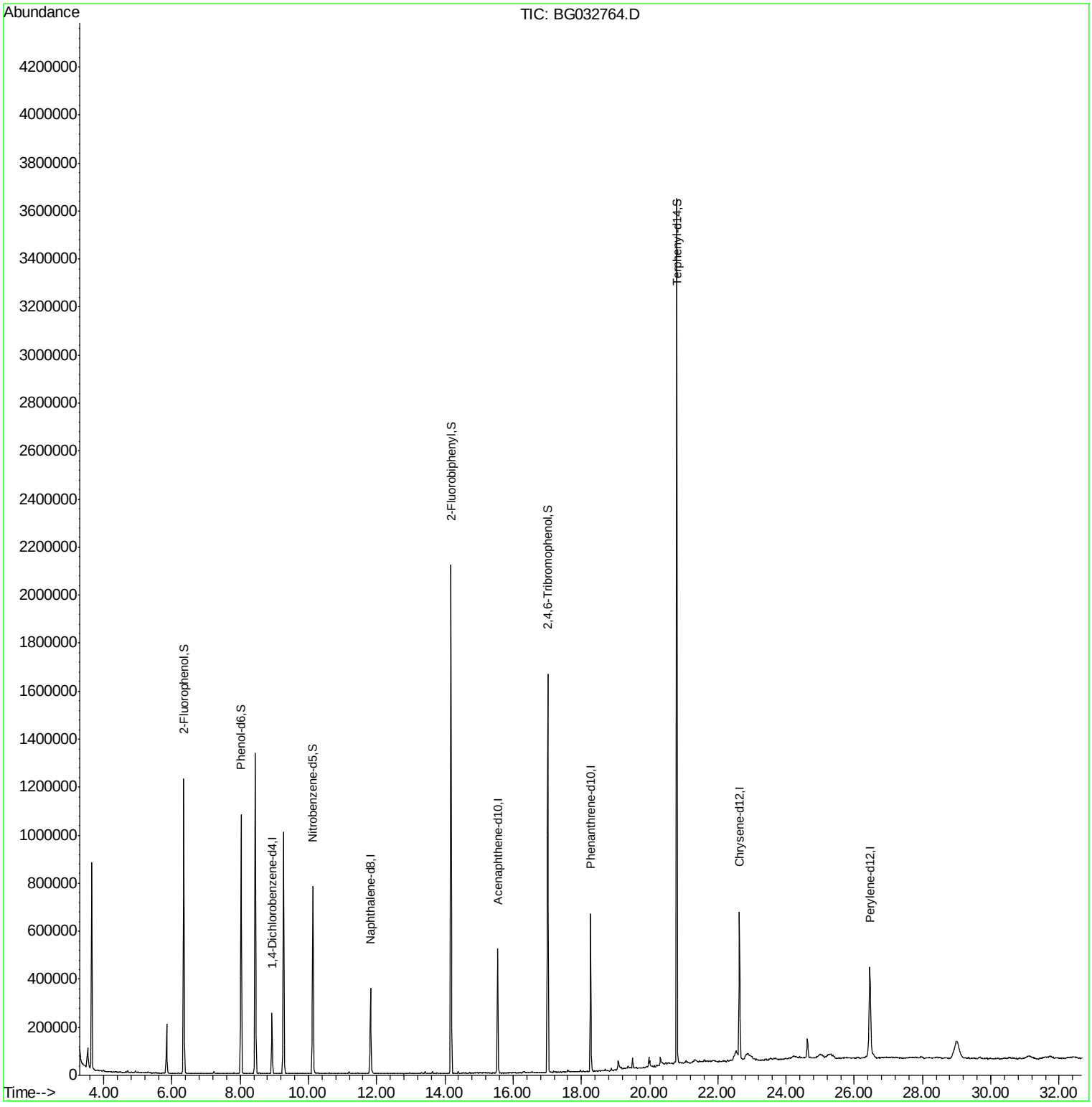
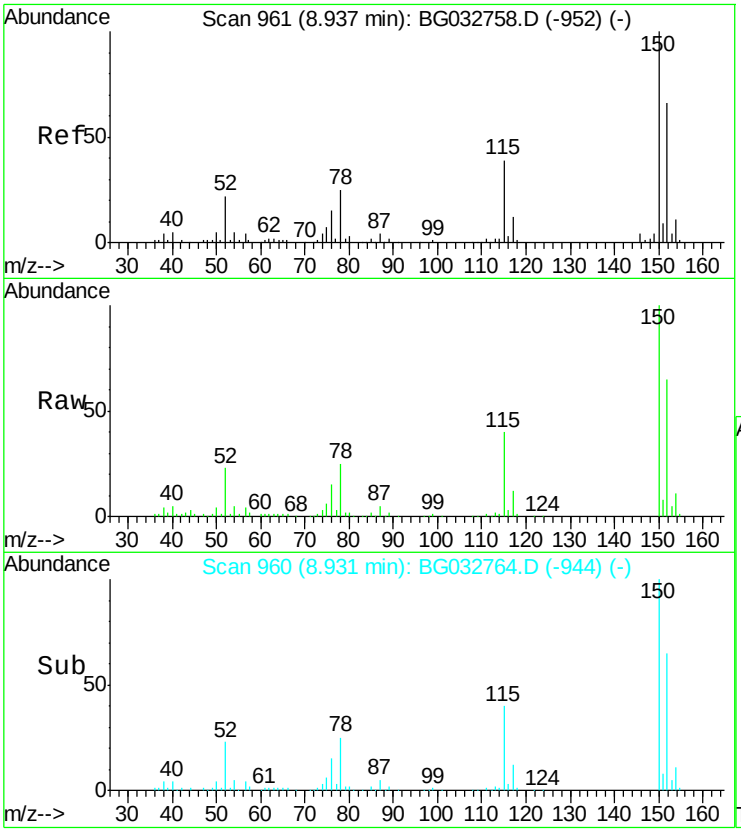


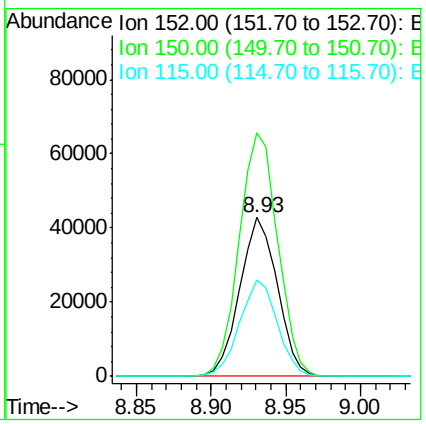


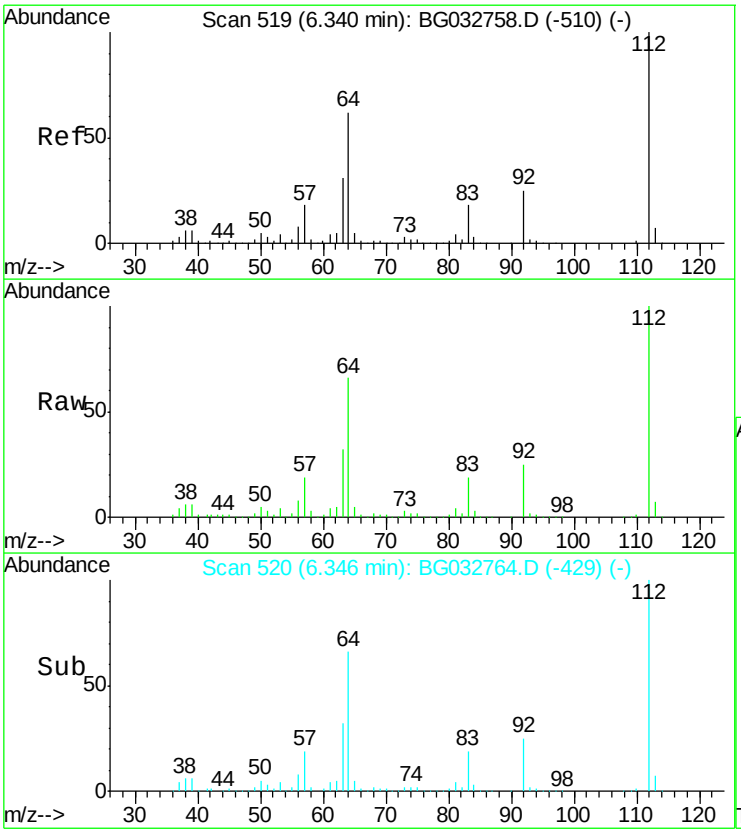
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Instrument :
BNA_G
ClientSampleId :
AU-05-022018-B

Tgt Ion:152 Resp: 74443

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.6	189.8
115	60.9	53.0	79.4

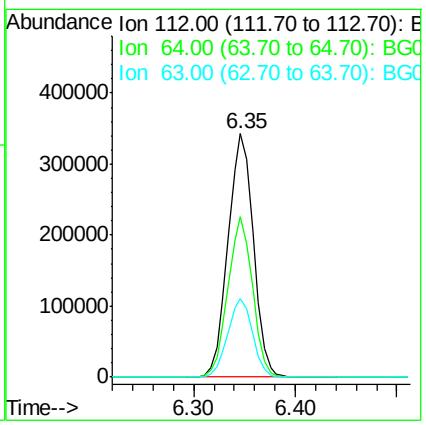


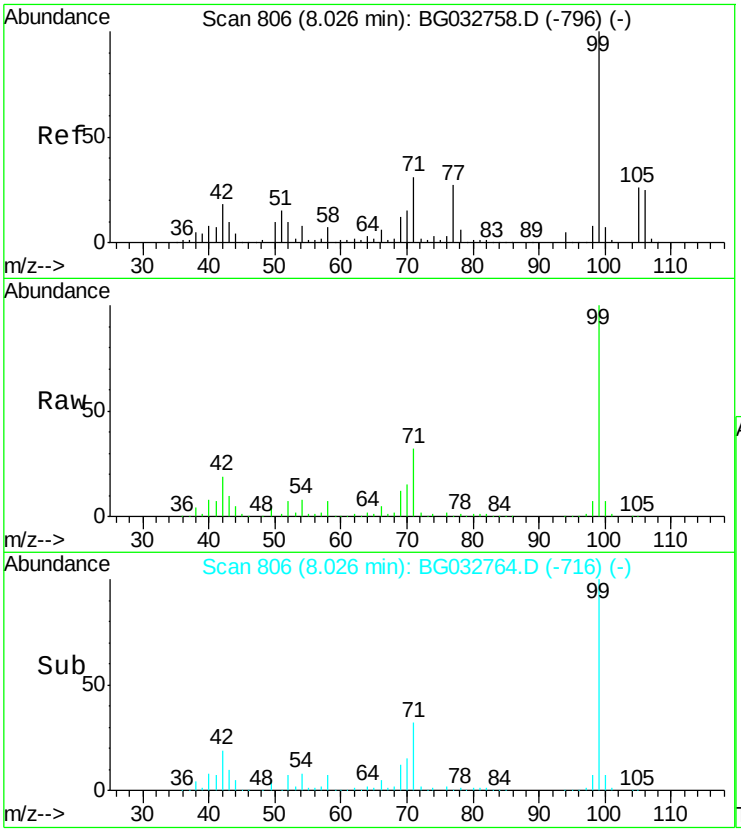


#5
2-Fluorophenol
Concen: 127.636 ng
RT: 6.35 min Scan# 520
Delta R.T. 0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Tgt Ion:112 Resp: 593905

Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	32.3	30.1	45.1



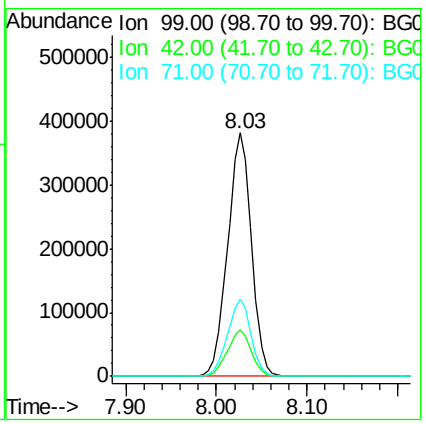


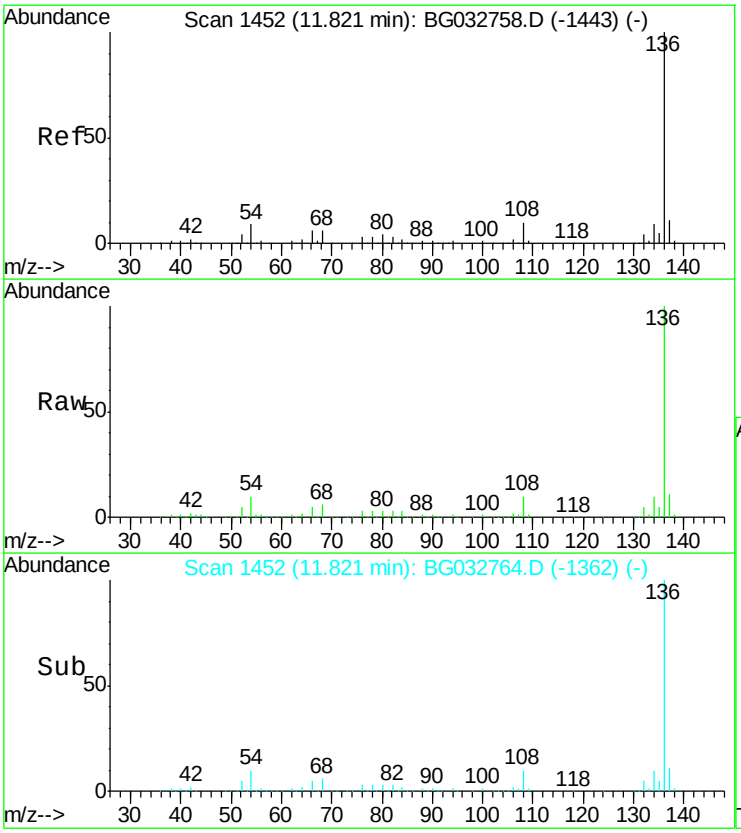
#7
Phenol-d6
Concen: 107.287 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Instrument :
BNA_G
ClientSampleId :
AU-05-022018-B

Tgt Ion: 99 Resp: 695838

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.1	21.1
71	31.5	26.1	39.1

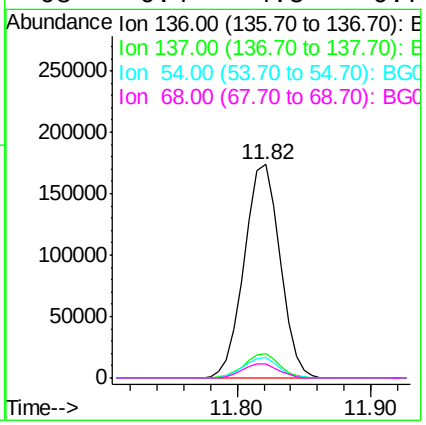


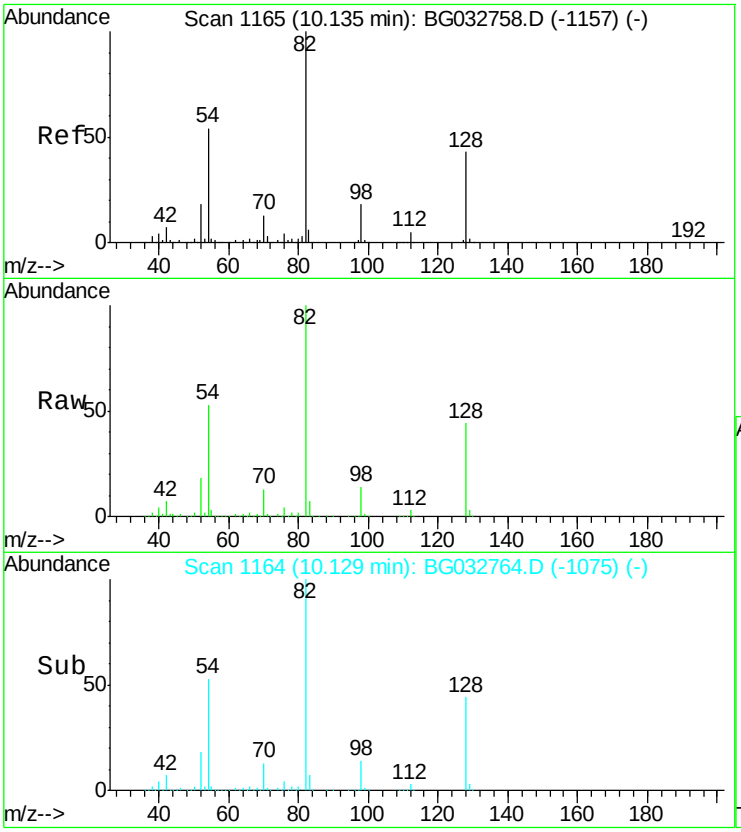


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.82 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Tgt Ion:136 Resp: 321705

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	9.6	10.3	15.5#
68	6.4	4.5	6.7



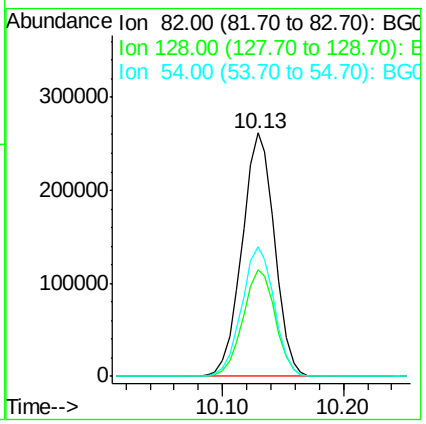


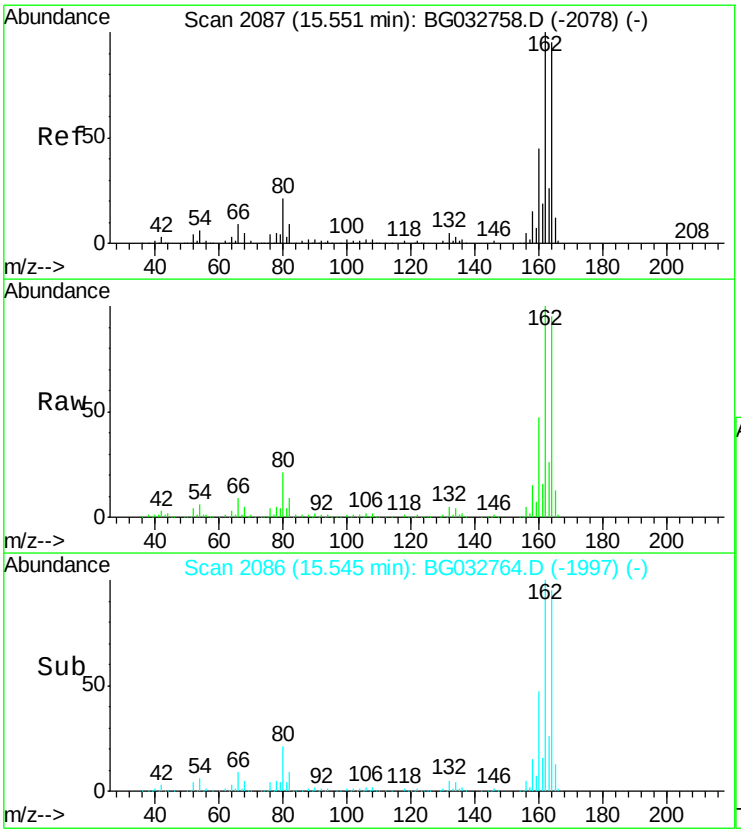
#23
Nitrobenzene-d5
Concen: 103.152 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Instrument :
BNA_G
ClientSampleId :
AU-05-022018-B

Tgt Ion: 82 Resp: 489305

Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	53.3	43.1	64.7

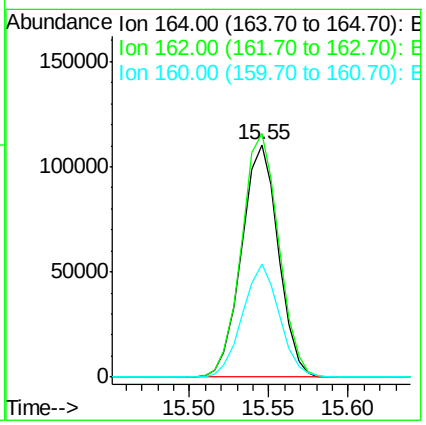


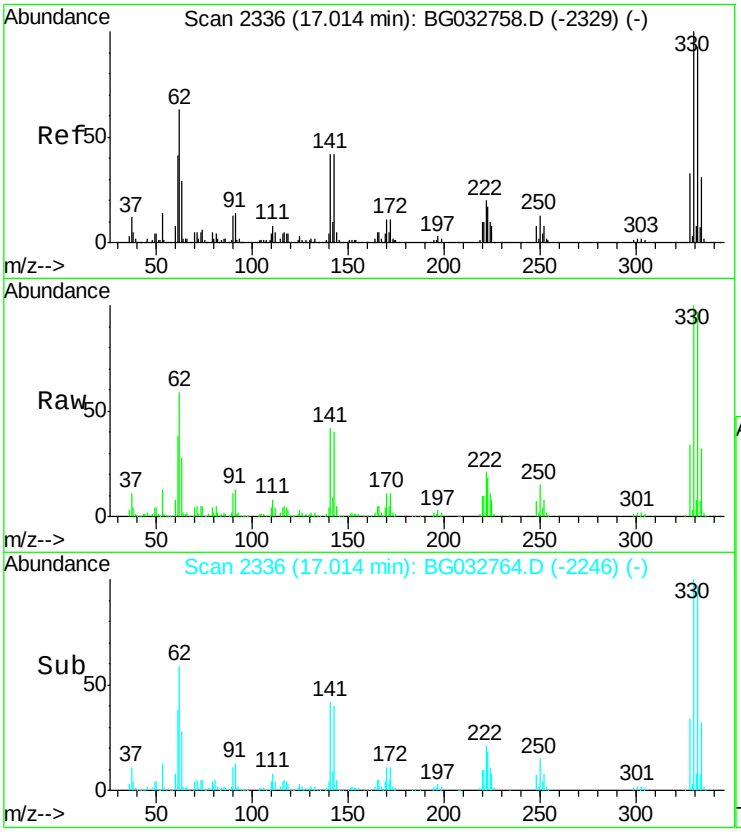


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.55 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Tgt Ion:164 Resp: 177846

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	49.0	35.4	53.0



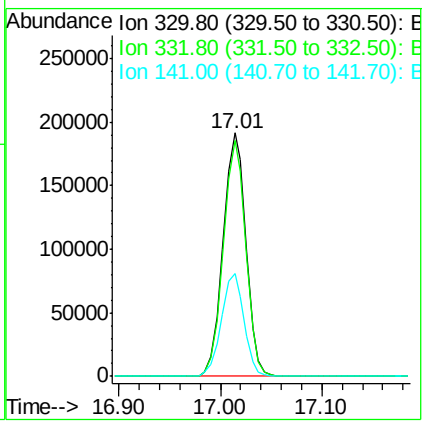


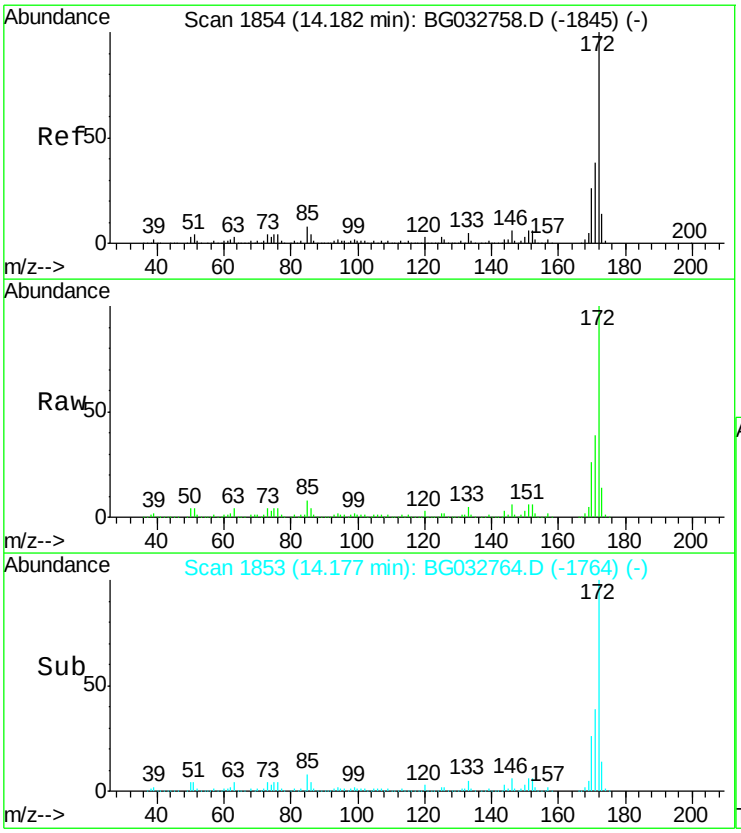
#41
2,4,6-Tribromophenol
Concen: 159.620 ng
RT: 17.01 min Scan# 2336
Delta R.T. 0.00 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Instrument :
BNA_G
ClientSampleId :
AU-05-022018-B

Tgt Ion:330 Resp: 298487

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	41.9	25.2	37.8#

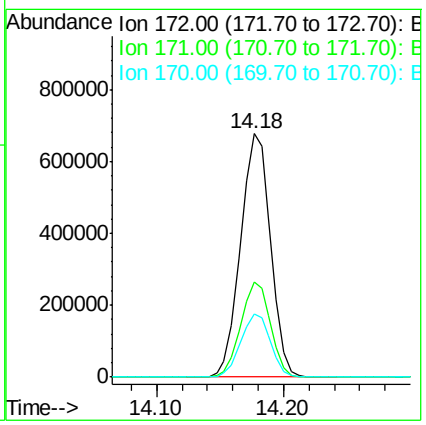


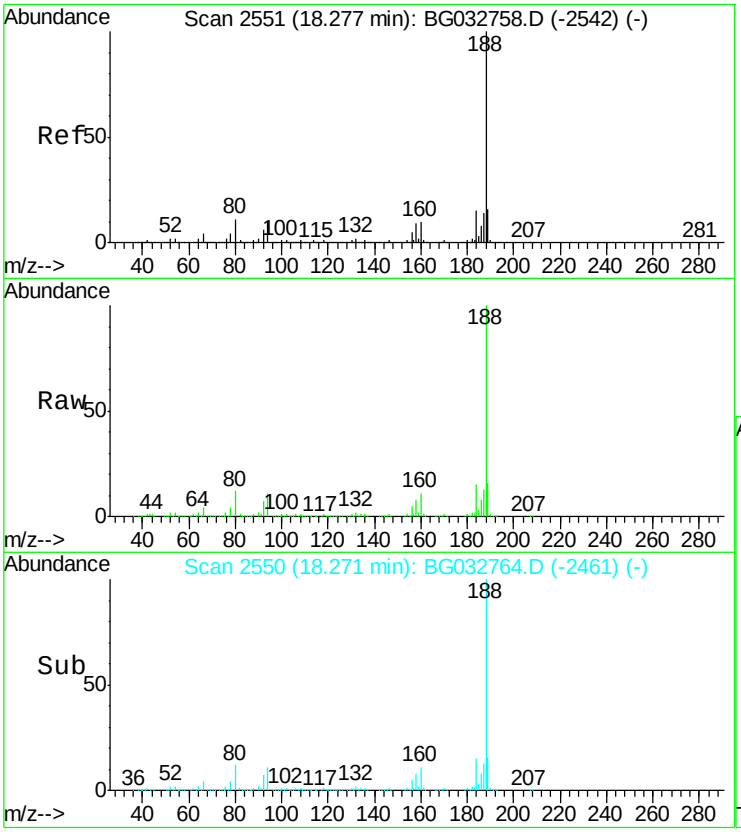


#44
2-Fluorobiphenyl
Concen: 89.837 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Tgt Ion:172 Resp: 1107795

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	26.1	19.5	29.3



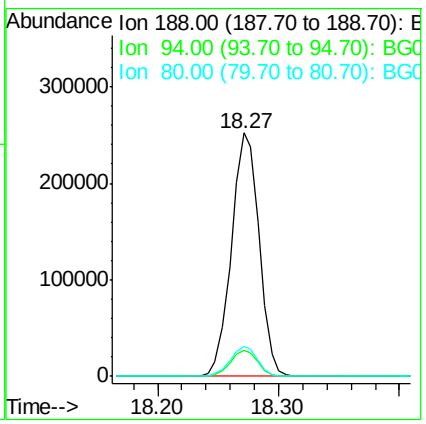


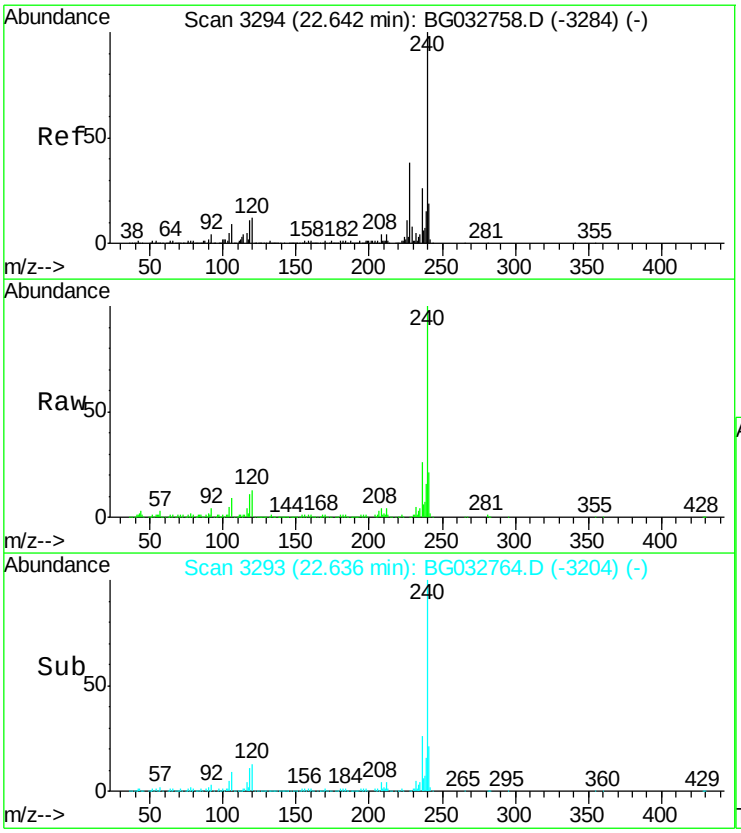
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Instrument :
BNA_G
ClientSampleId :
AU-05-022018-B

Tgt Ion:188 Resp: 401794

Ion	Ratio	Lower	Upper
188	100		
94	10.8	6.9	10.3#
80	12.3	7.7	11.5#

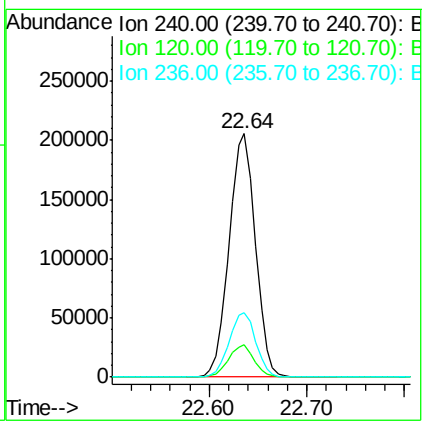


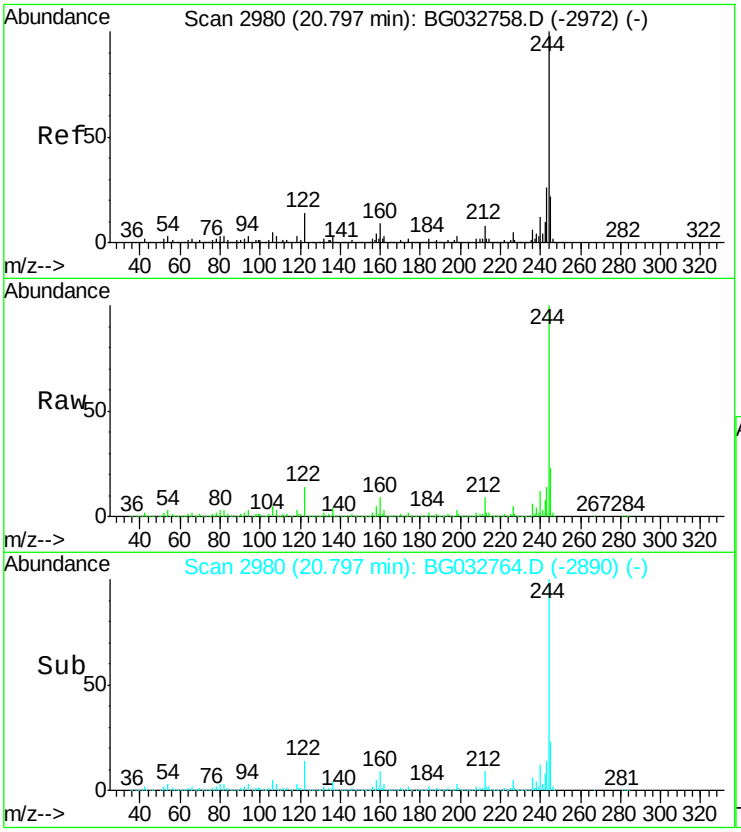


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.64 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Tgt Ion:240 Resp: 383461

Ion	Ratio	Lower	Upper
240	100		
120	13.1	6.8	10.2#
236	26.2	20.9	31.3



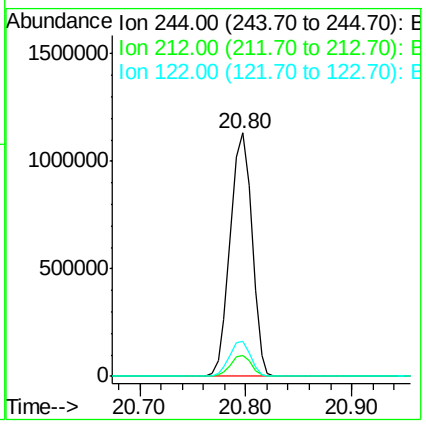


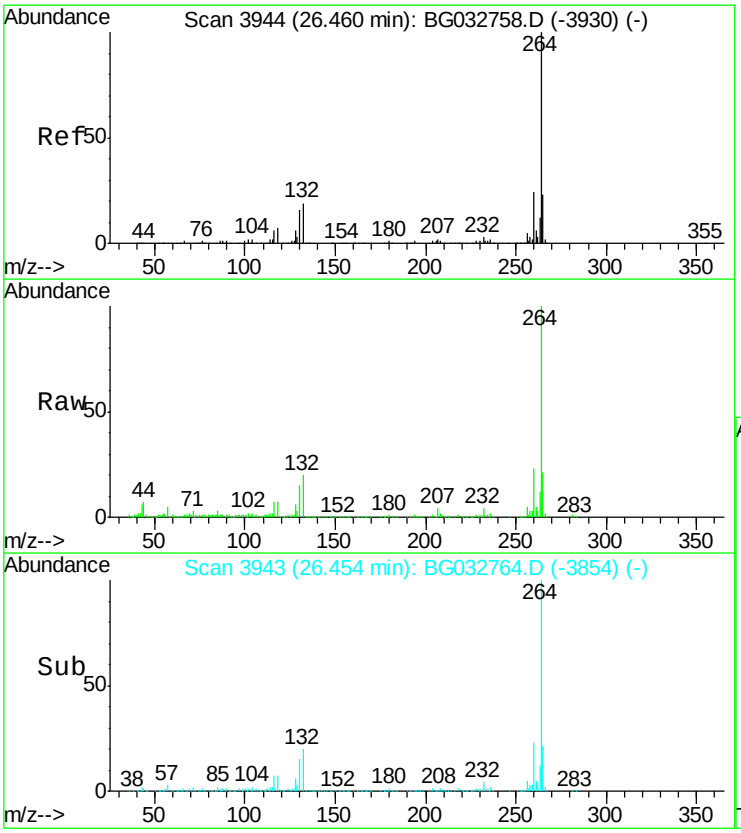
#78
Terphenyl-d14
Concen: 94.228 ng
RT: 20.80 min Scan# 2980
Delta R.T. 0.00 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Instrument :
BNA_G
ClientSampleId :
AU-05-022018-B

Tgt Ion:244 Resp: 1608243

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	14.5	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.45 min Scan# 3943
Delta R.T. -0.01 min
Lab File: BG032764.D
Acq: 21 Feb 2018 17:48

Tgt Ion:264 Resp: 421373

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	21.1	17.7	26.5