Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
Data File : BG032521.D
Acq On : 2 Feb 2018 20:46
Operator : SJ/JU
Sample : PB106274TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB106274TB

Quant Time: Feb 02 22:58:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	22235	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	83325	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	61108	20.00	ng	-0.02
63) Phenanthrene-d10	18.08	188	187093	20.00	ng	0.00
75) Chrysene-d12	22.40	240	270664	20.00	ng	-0.02
86) Perylene-d12	26.07	264	286867	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	139913	126.39	ng	0.00
7) Phenol-d6	7.83	99	165146	111.80	ng	0.00
23) Nitrobenzene-d5	9.90	82	101286	75.92	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	115078	98.93	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	403989	78.58	ng	-0.02
78) Terphenyl-d14	20.62	244	1012575	80.14	ng	0.00
Target Compounds						Qvalue

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

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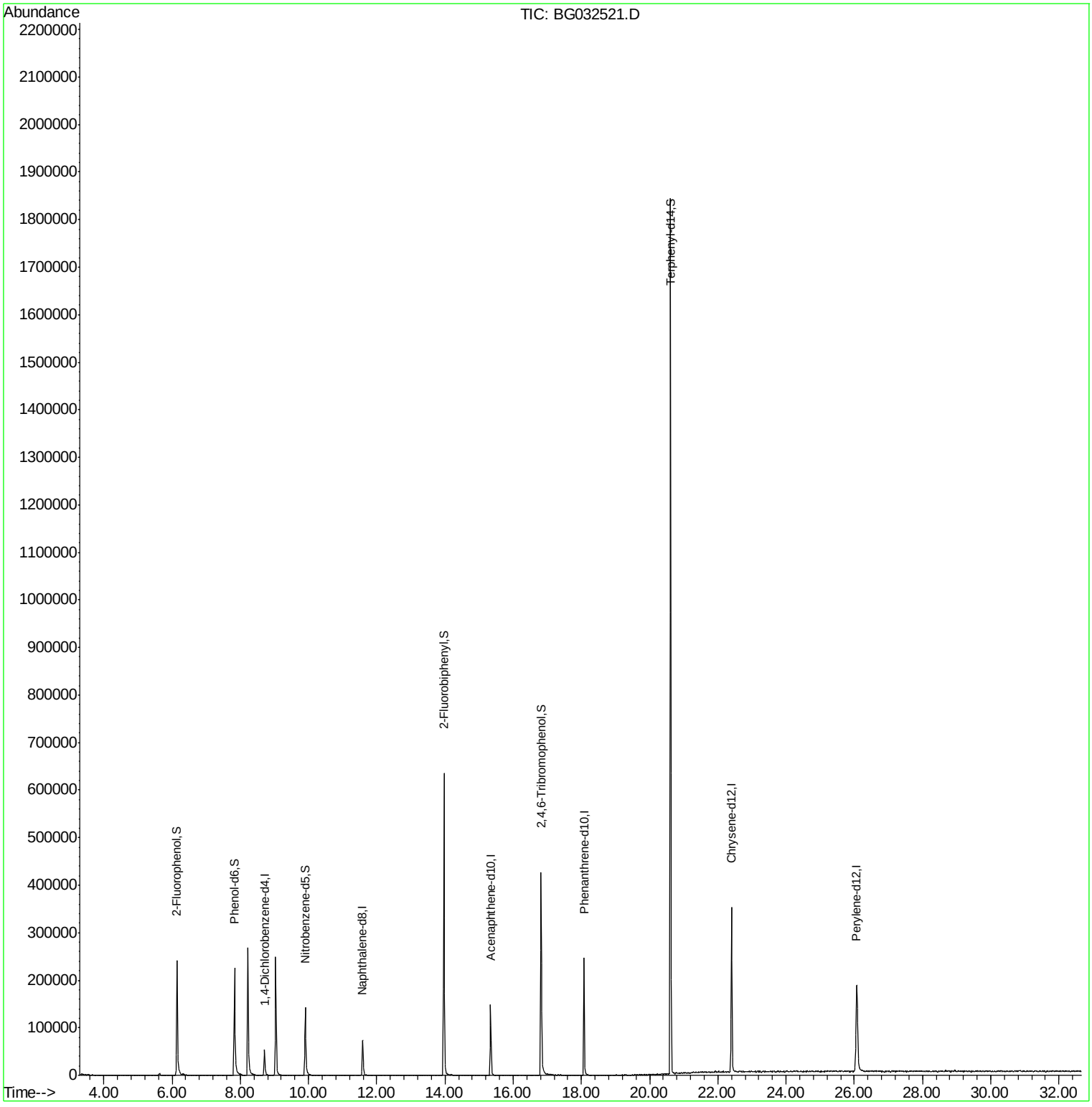
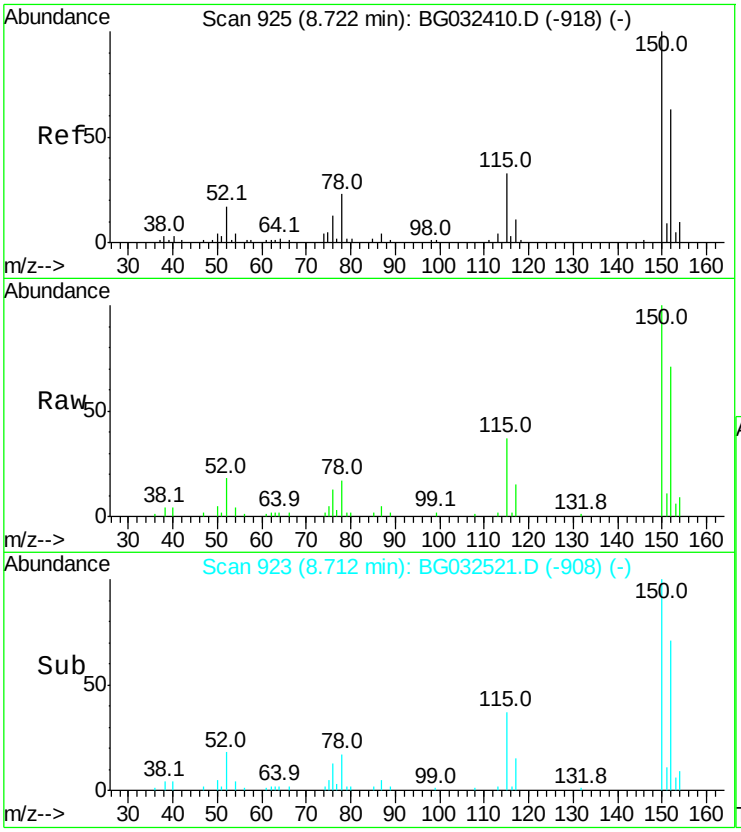


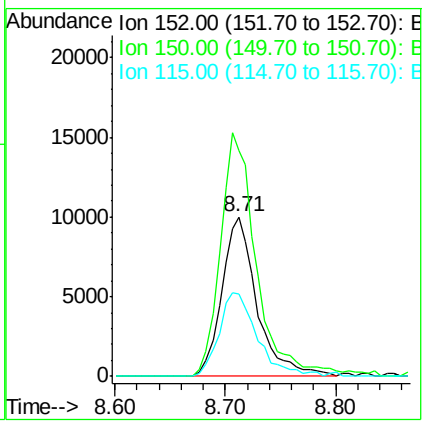


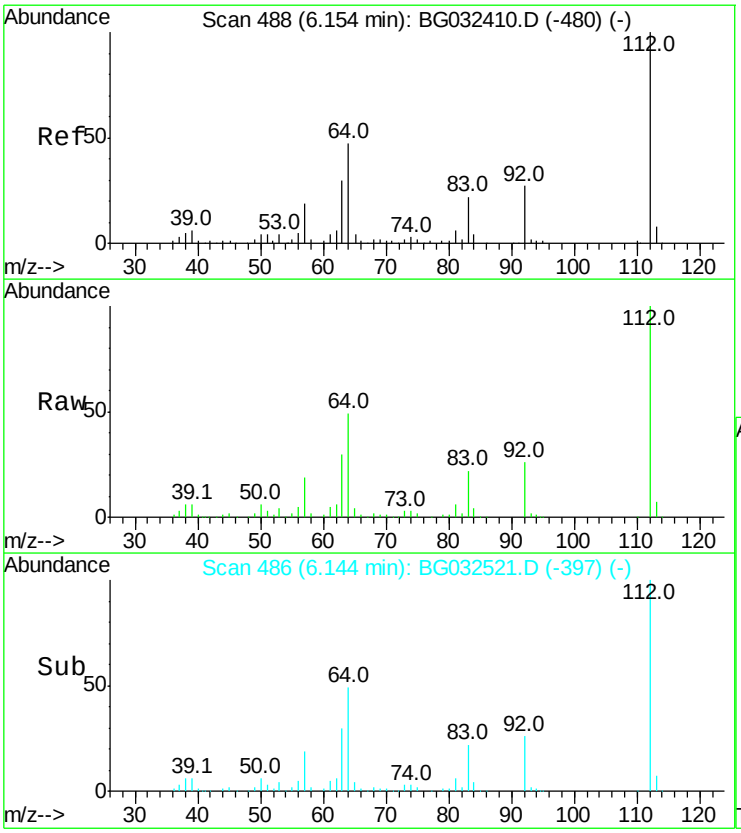
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :
PB106274TB

Tgt Ion:152 Resp: 22235

Ion	Ratio	Lower	Upper
152	100		
150	141.7	126.6	189.8
115	51.9	53.0	79.4#

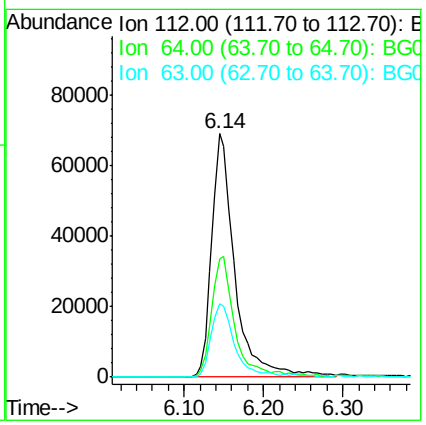


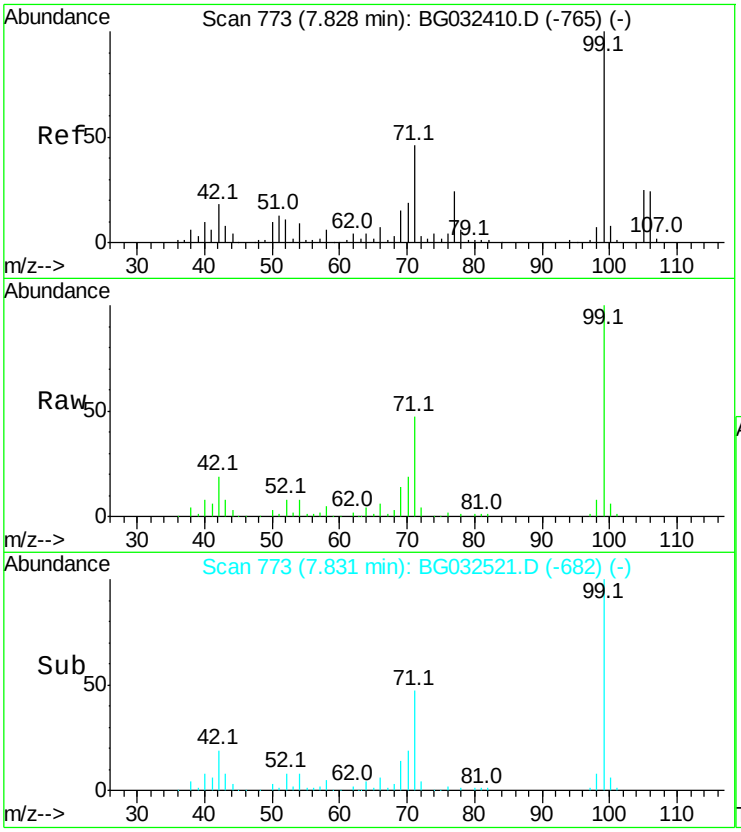


#5
2-Fluorophenol
Concen: 126.388 ng
RT: 6.14 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Tgt Ion:112 Resp: 139913

Ion	Ratio	Lower	Upper
112	100		
64	48.6	56.3	84.5#
63	30.4	30.1	45.1



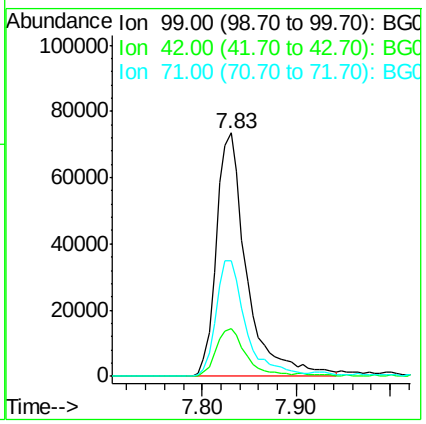


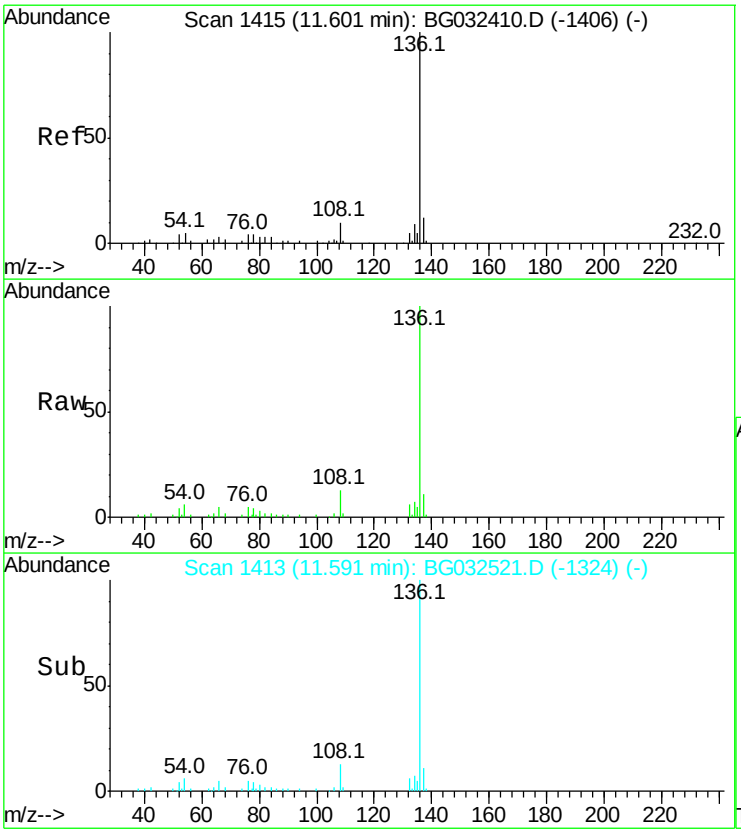
#7
Phenol-d6
Concen: 111.795 ng
RT: 7.83 min Scan# 773
Delta R.T. 0.00 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :
PB106274TB

Tgt Ion: 99 Resp: 165146

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.1	21.1
71	47.4	26.1	39.1#

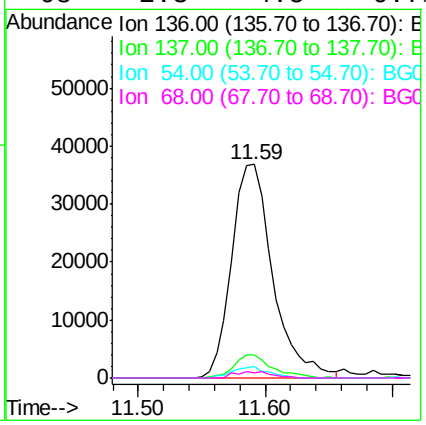


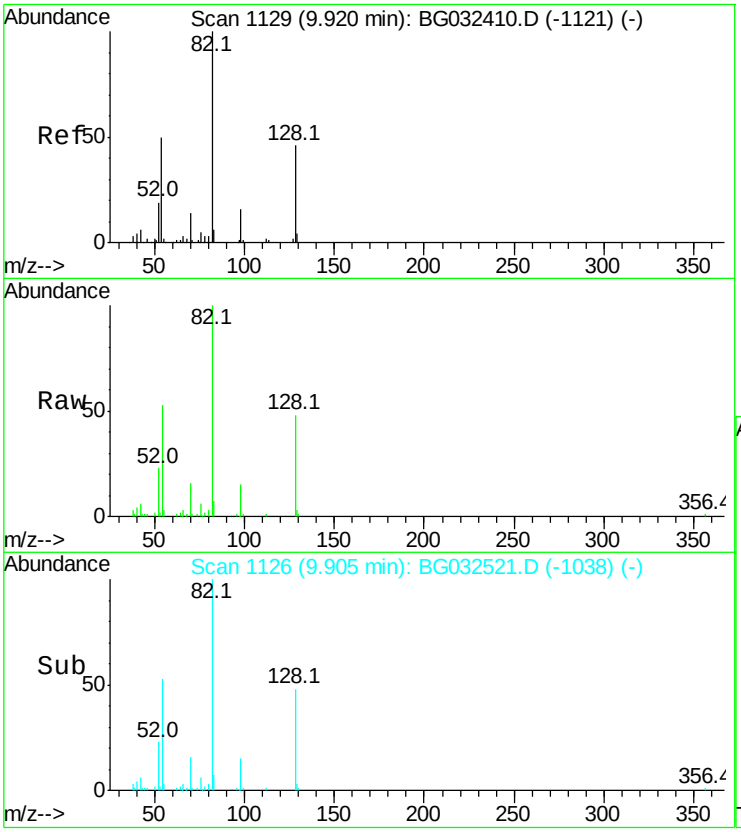


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Tgt Ion:136 Resp: 83325

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	5.6	10.3	15.5#
68	2.3	4.5	6.7#



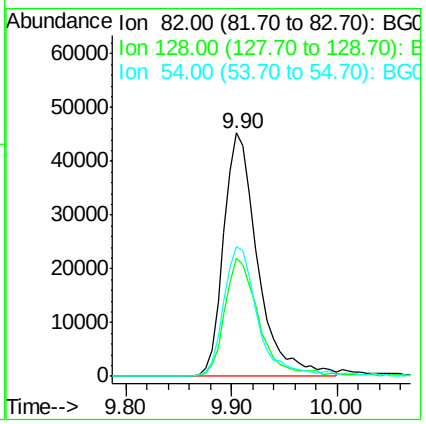


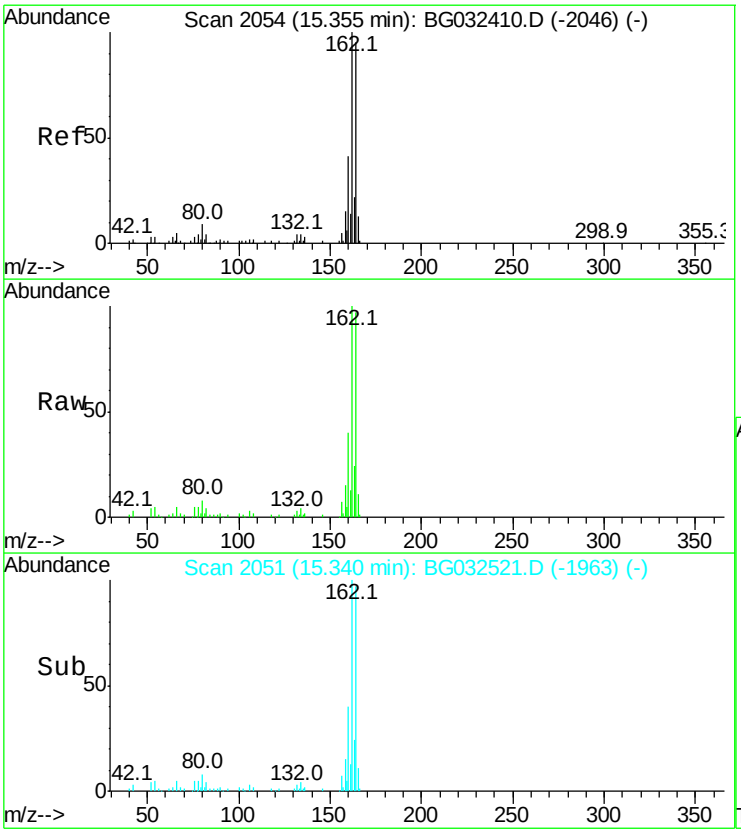
#23
Nitrobenzene-d5
Concen: 75.924 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :
PB106274TB

Tgt Ion: 82 Resp: 101286

Ion	Ratio	Lower	Upper
82	100		
128	48.4	29.7	44.5#
54	53.1	43.1	64.7

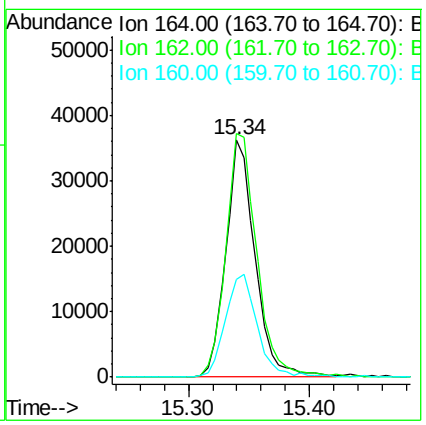


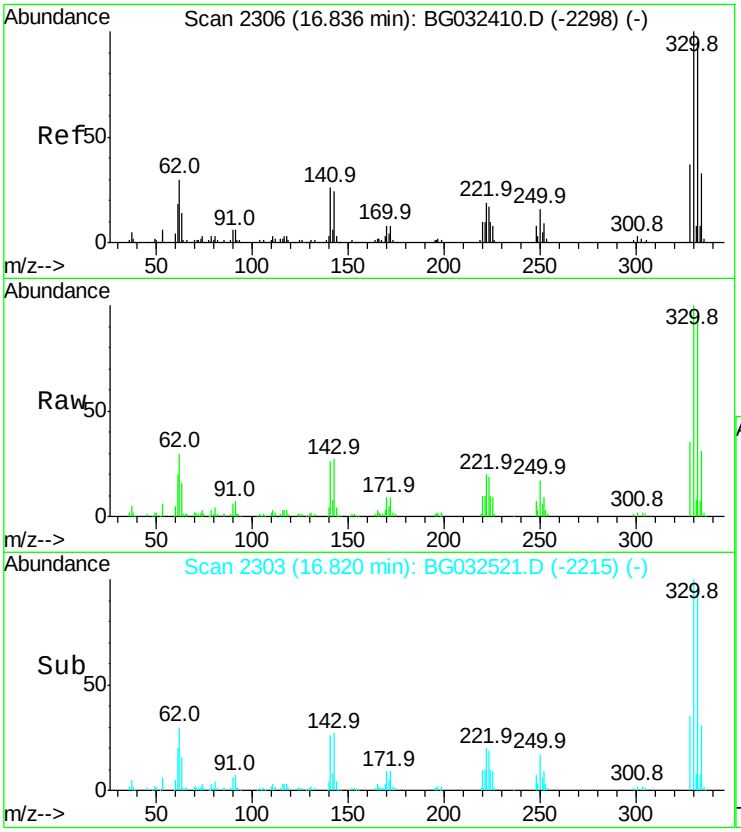


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.02 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Tgt Ion:164 Resp: 61108

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	41.2	35.4	53.0



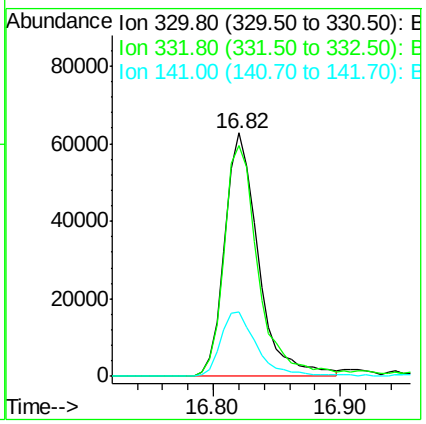


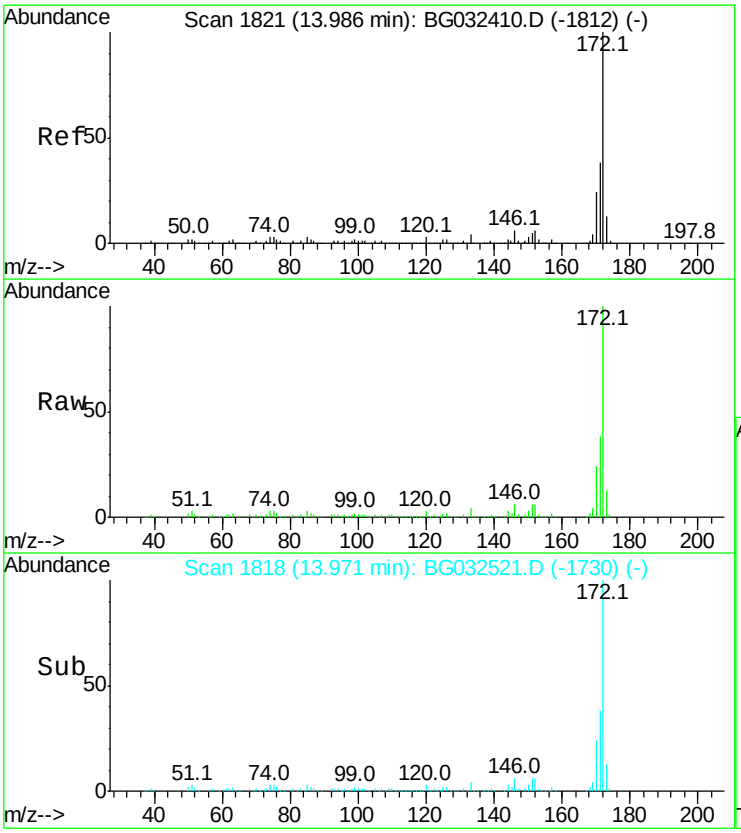
#41
2,4,6-Tribromophenol
Concen: 98.933 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.02 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :
PB106274TB

Tgt Ion:330 Resp: 115078

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	28.4	25.2	37.8

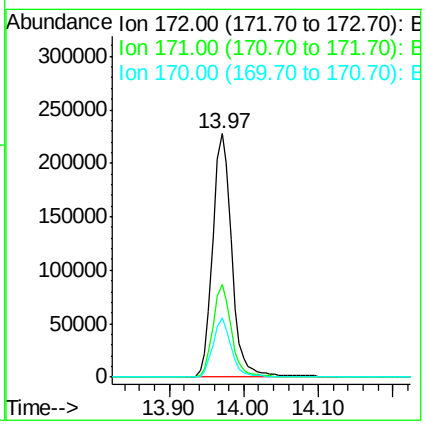


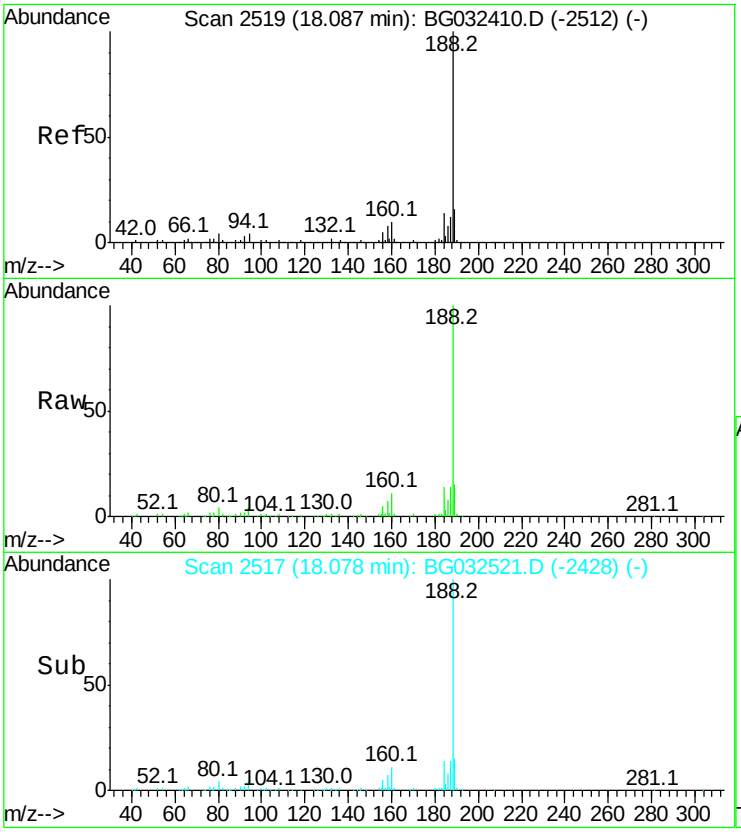


#44
2-Fluorobiphenyl
Concen: 78.577 ng
RT: 13.97 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Tgt Ion:172 Resp: 403989

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.2	19.5	29.3



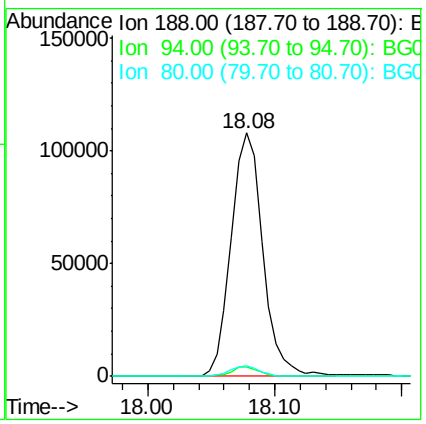


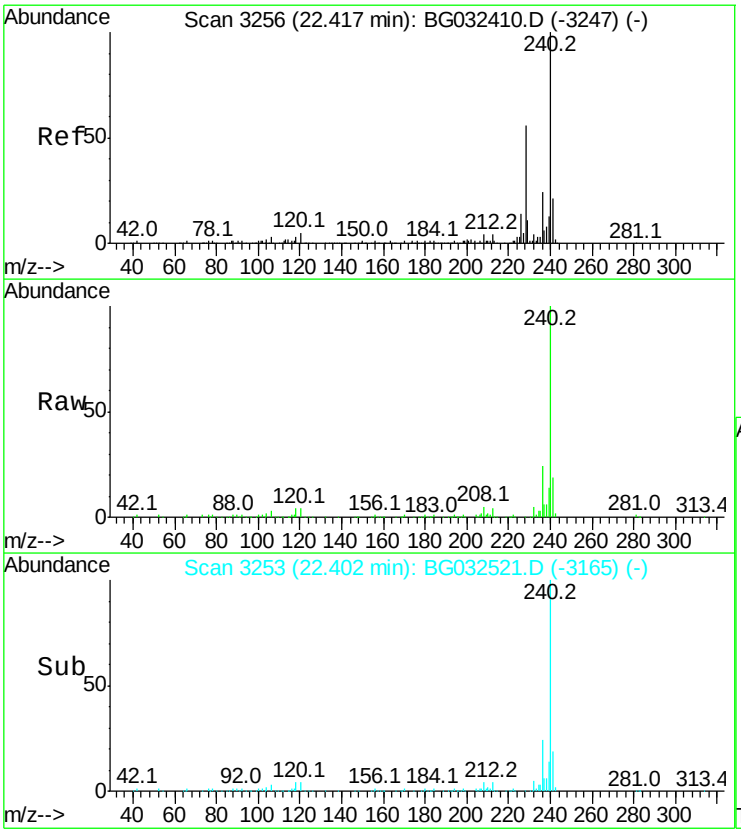
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :
PB106274TB

Tgt Ion:188 Resp: 187093

Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	4.1	7.7	11.5#

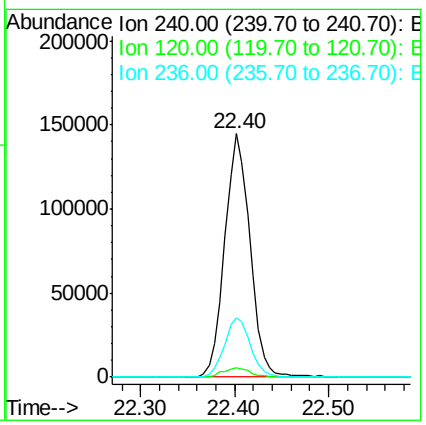


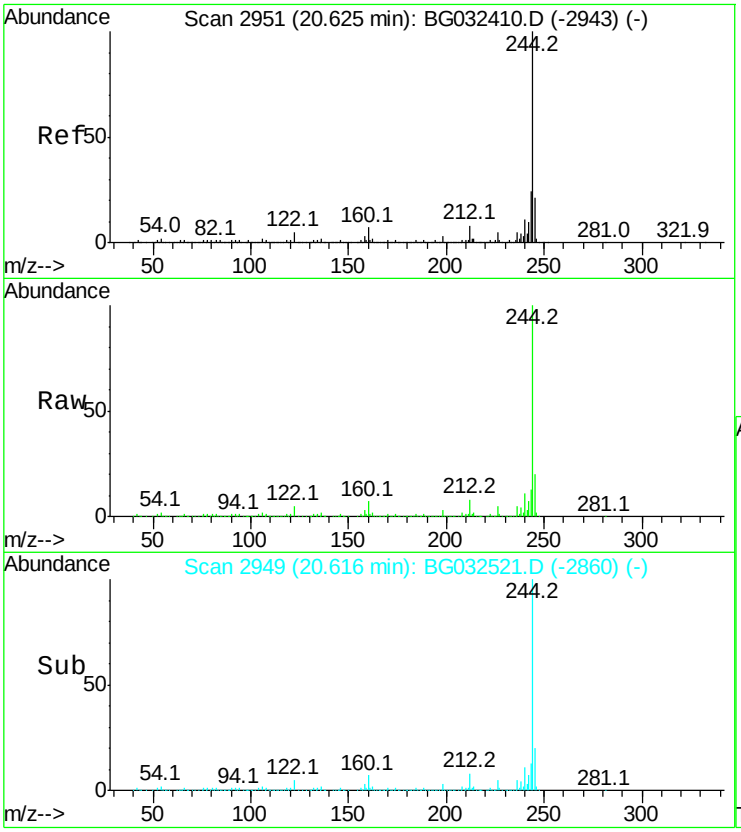


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Tgt Ion:240 Resp: 270664

Ion	Ratio	Lower	Upper
240	100		
120	3.7	6.8	10.2#
236	24.4	20.9	31.3



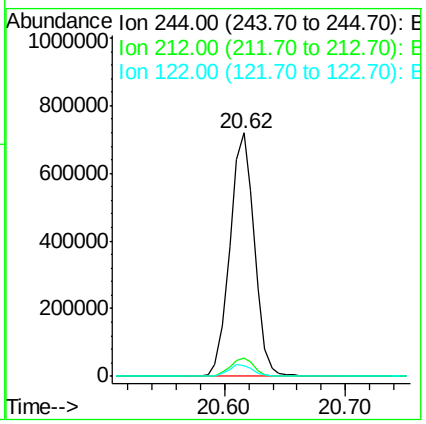


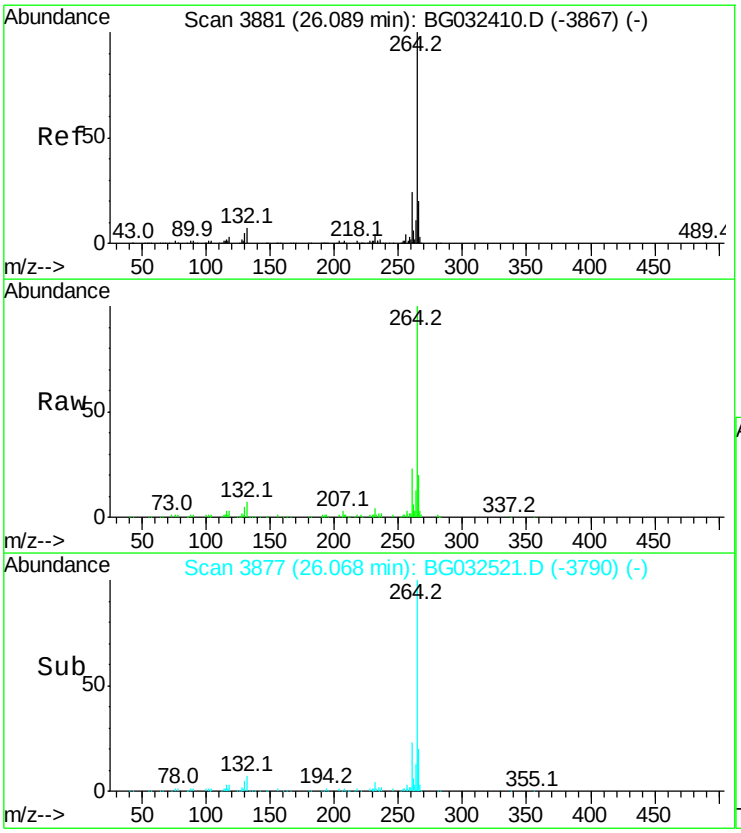
#78
Terphenyl-d14
Concen: 80.137 ng
RT: 20.62 min Scan# 2949
Delta R.T. -0.01 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Instrument :
BNA_G
ClientSampleId :
PB106274TB

Tgt Ion:244 Resp: 1012575

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	4.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.07 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BG032521.D
Acq: 2 Feb 2018 20:46

Tgt Ion:264 Resp: 286867

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.3	17.7	26.5