Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031785.D
Acq On : 27 Dec 2017 6:31
Operator : SJ/JU
Sample : I7009-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 121917-JETT-F-D-S

Quant Time: Dec 27 07:31:15 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	46091	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	187803	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	135325	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	363824	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	449855	20.00	ng	-0.06
86) Perylene-d12	26.27	264	476481	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	93615	36.99	ng	-0.02
7) Phenol-d6	7.90	99	77330	23.54	ng	-0.03
23) Nitrobenzene-d5	10.00	82	223162	89.73	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	193802	93.86	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	892326	82.76	ng	-0.03
78) Terphenyl-d14	20.70	244	1676358	85.14	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	10.00	70	29125	12.98	ng	# 71
32) Benzoic acid	11.17	122	53	6.72	ng	# 1
50) 2,6-Dinitrotoluene	15.43	165	17322	7.90	ng	# 22
56) 2,4-Dinitrotoluene	15.43	165	17322	6.14	ng	# 19
64) 4,6-Dinitro-2-methylphenol	16.91	198	445	8.51	ng	# 55
66) 4-Bromophenyl-phenylether	16.90	248	14556	2.77	ng	# 1

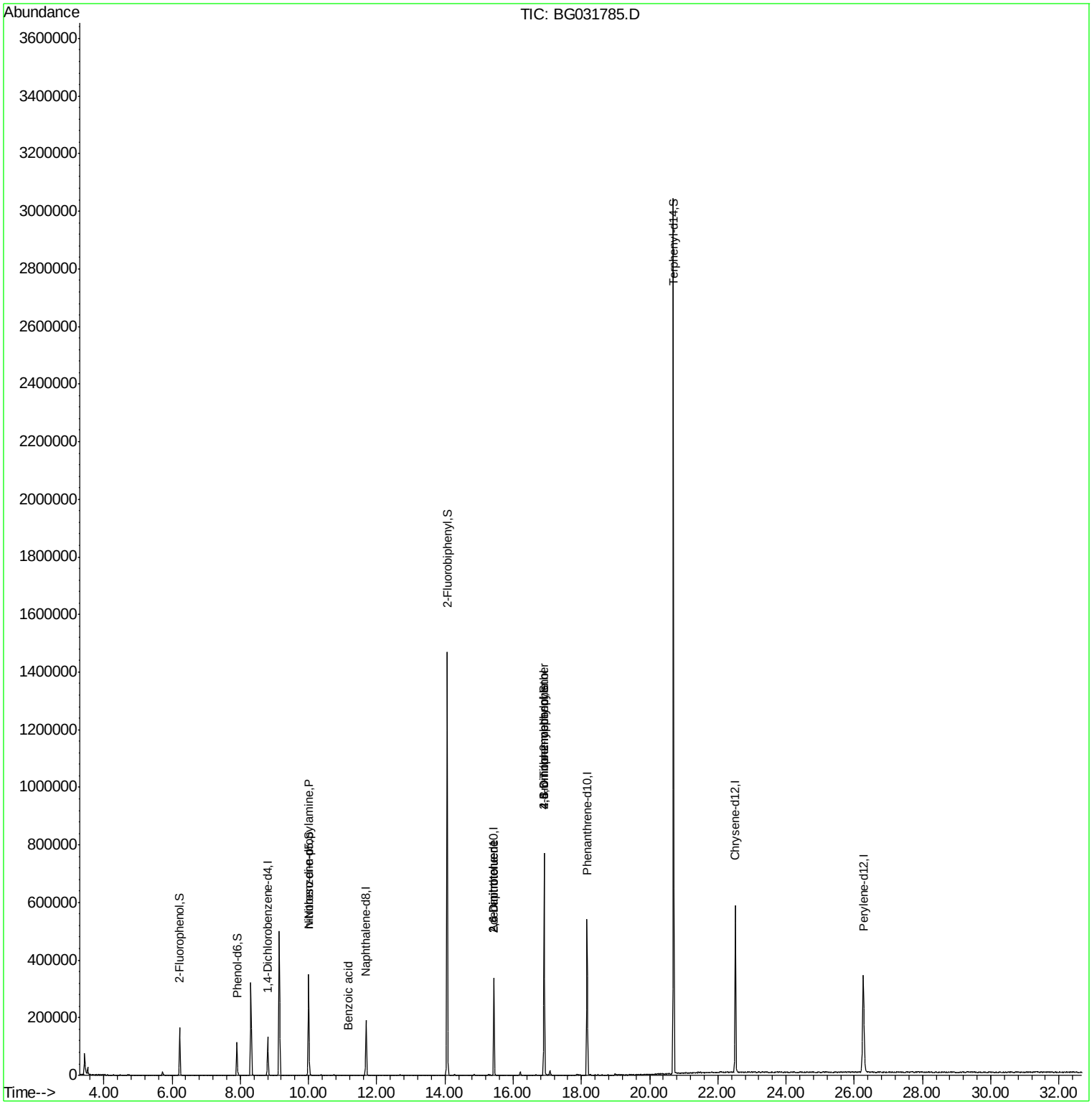
(#) = qualifier out of range (m) = manual integration (+) = signals summed

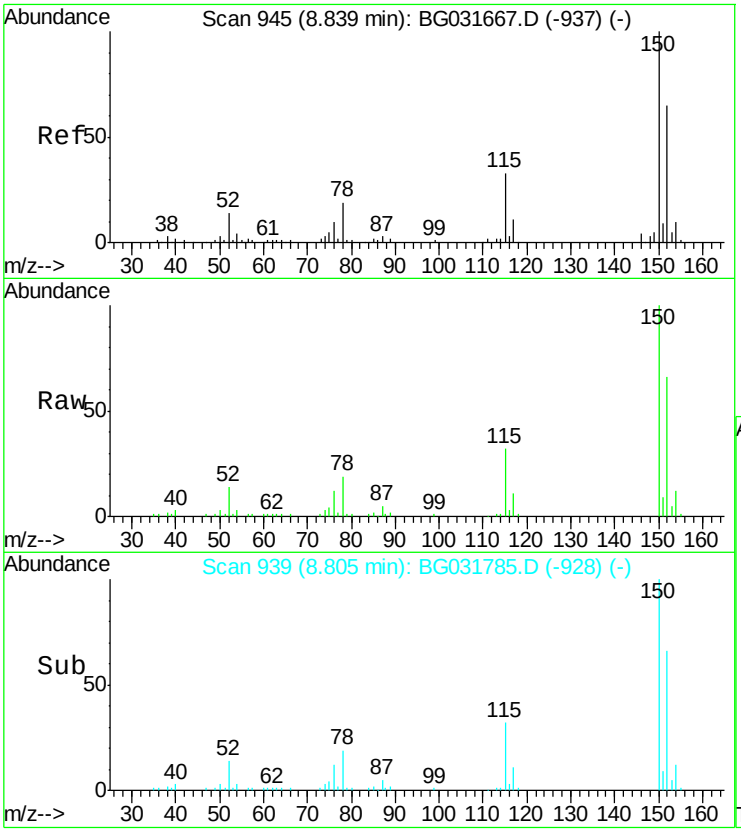
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031785.D
Acq On : 27 Dec 2017 6:31
Operator : SJ/JU
Sample : I7009-03
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Quant Time: Dec 27 07:31:15 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



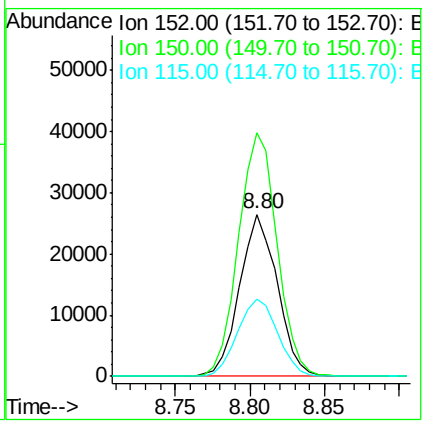


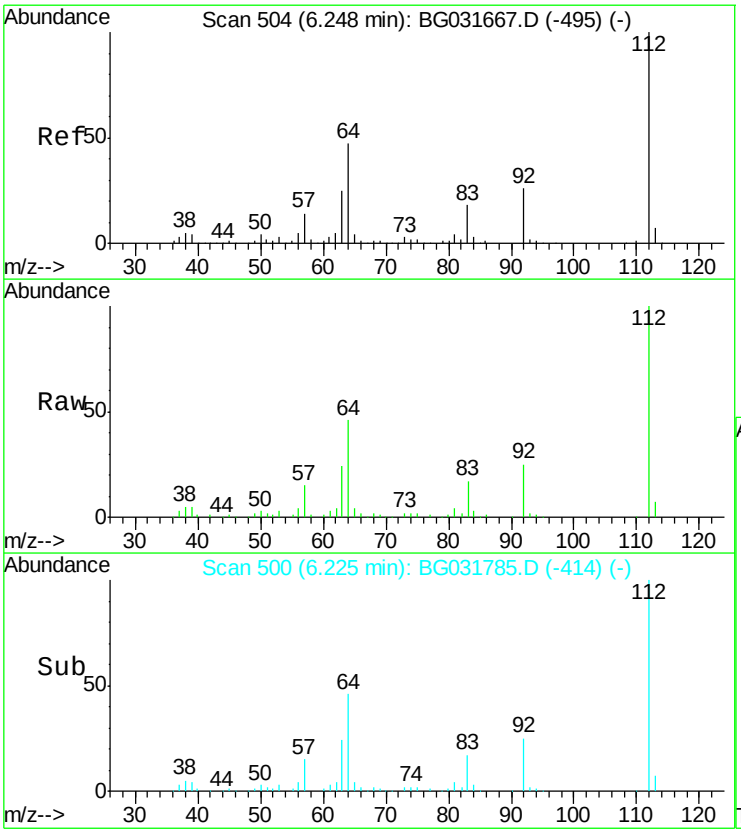
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:152 Resp: 46091

Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	47.8	53.0	79.4#

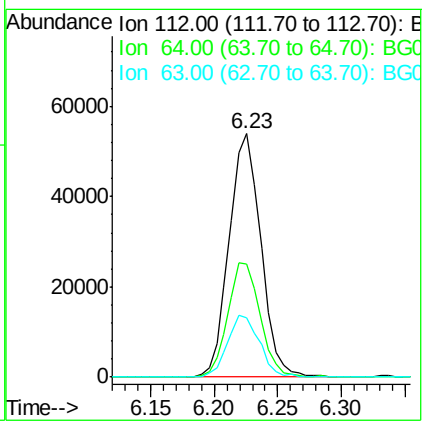


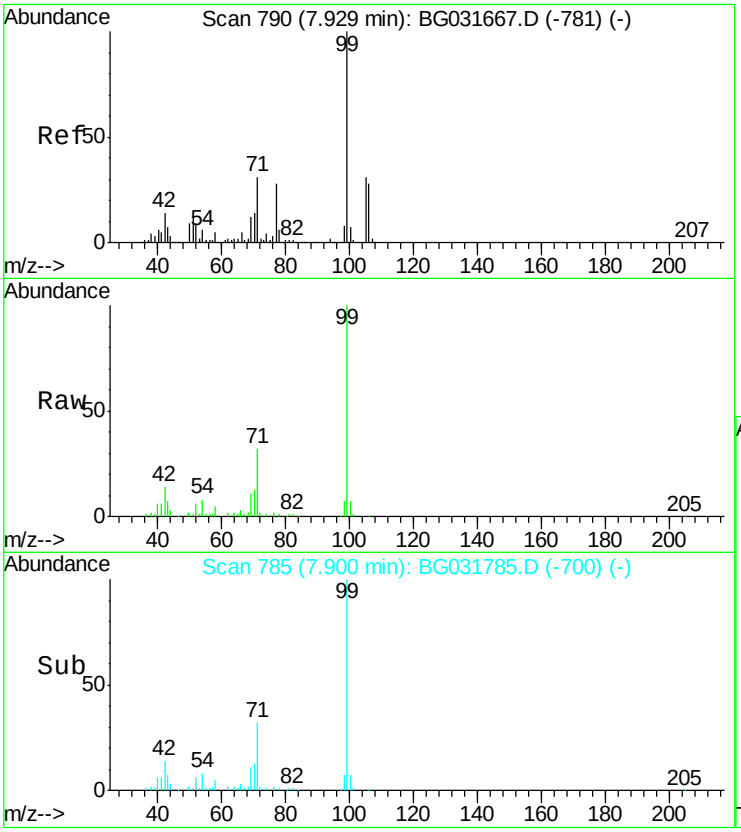


#5
2-Fluorophenol
Concen: 36.99 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:112 Resp: 93615

Ion	Ratio	Lower	Upper
112	100		
64	46.4	56.3	84.5#
63	24.3	30.1	45.1#



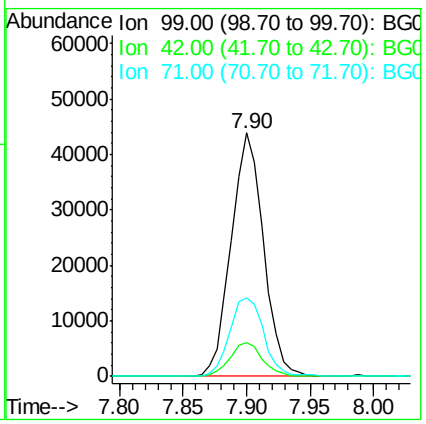


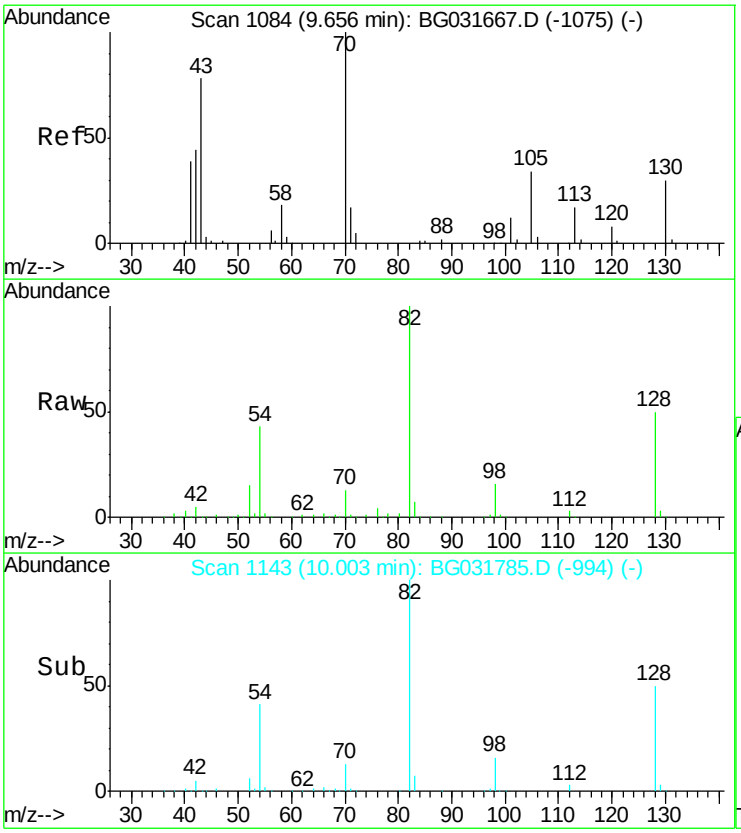
#7
Phenol-d6
Concen: 23.54 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion: 99 Resp: 77330

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	32.3	26.1	39.1

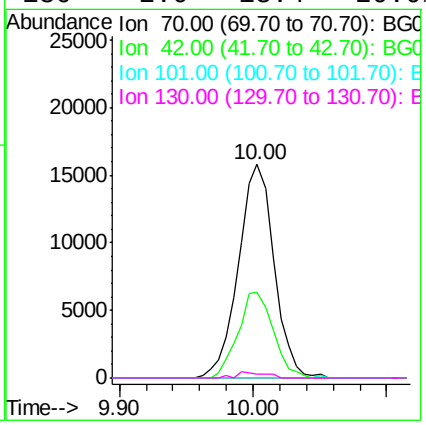


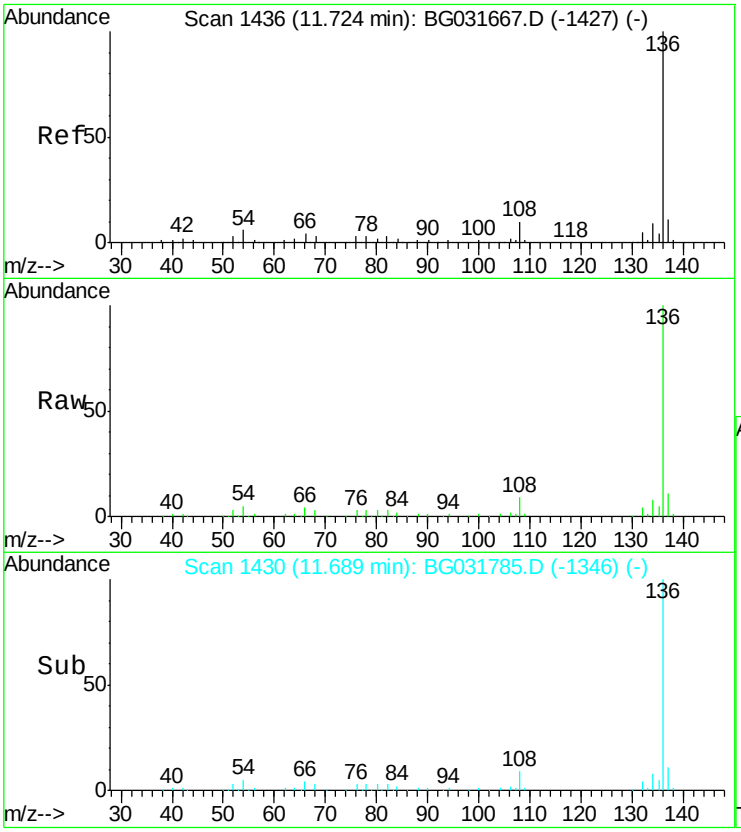


#19
n-Nitroso-di-n-propylamine
Concen: 12.98 ng
RT: 10.00 min Scan# 1143
Delta R.T. 0.35 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion: 70 Resp: 29125

Ion	Ratio	Lower	Upper
70	100		
42	40.1	49.1	73.7#
101	0.0	8.5	12.7#
130	2.0	13.4	20.0#



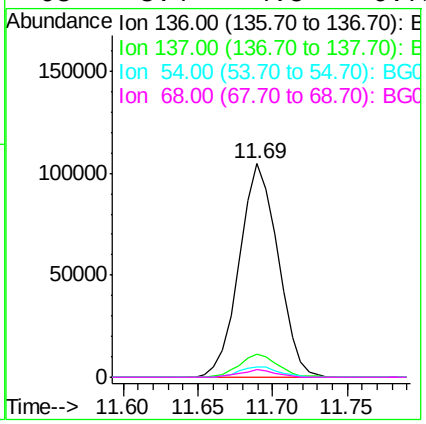


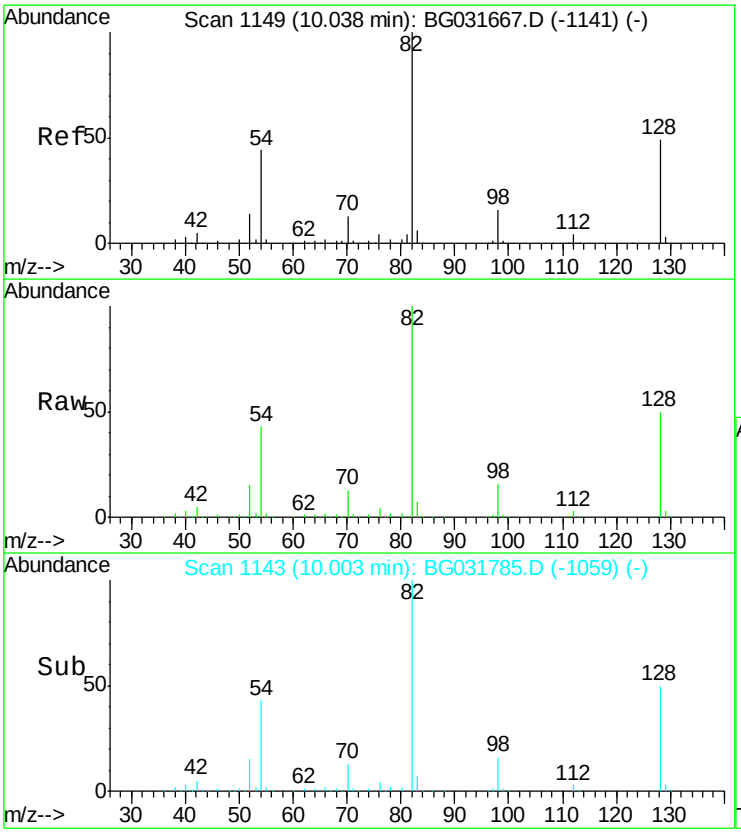
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:136 Resp: 187803

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	4.7	10.3	15.5#
68	3.4	4.5	6.7#

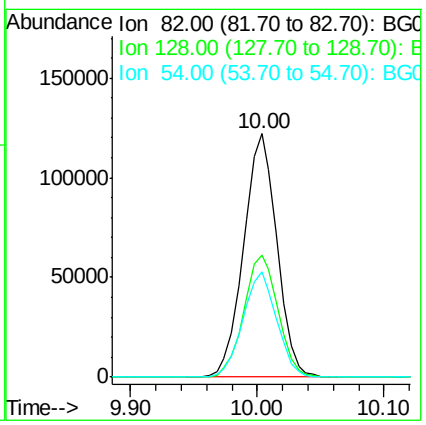


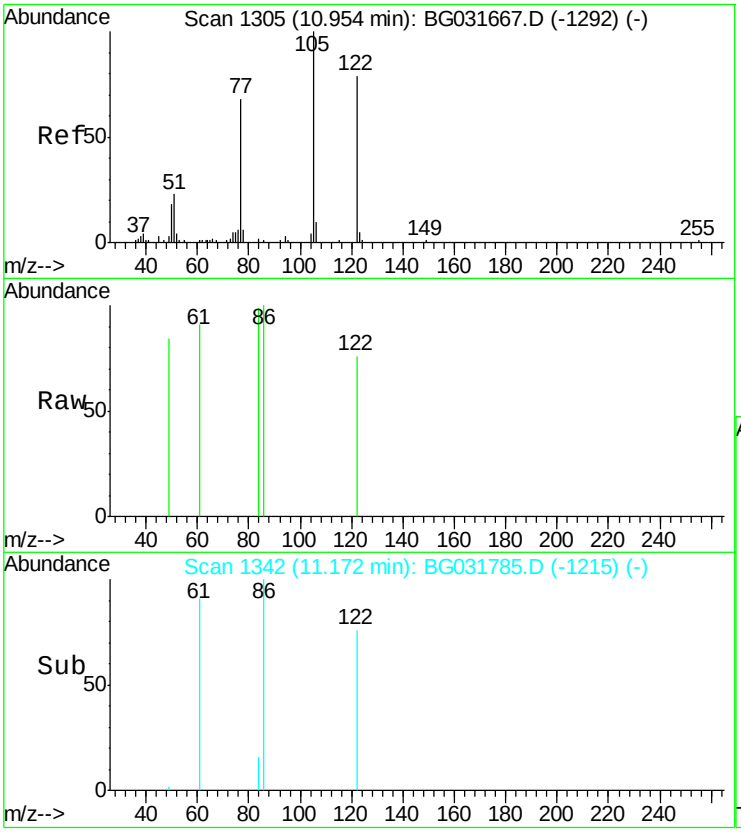


#23
Nitrobenzene-d5
Concen: 89.73 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion: 82 Resp: 223162

Ion	Ratio	Lower	Upper
82	100		
128	50.4	29.7	44.5#
54	43.1	43.1	64.7#



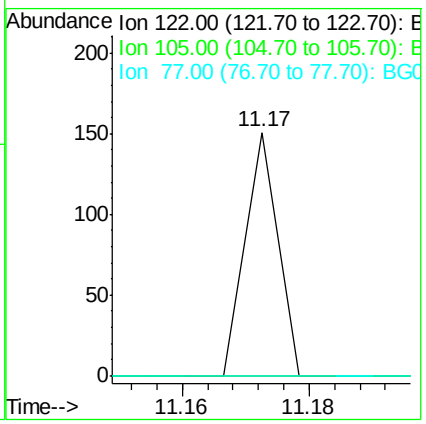


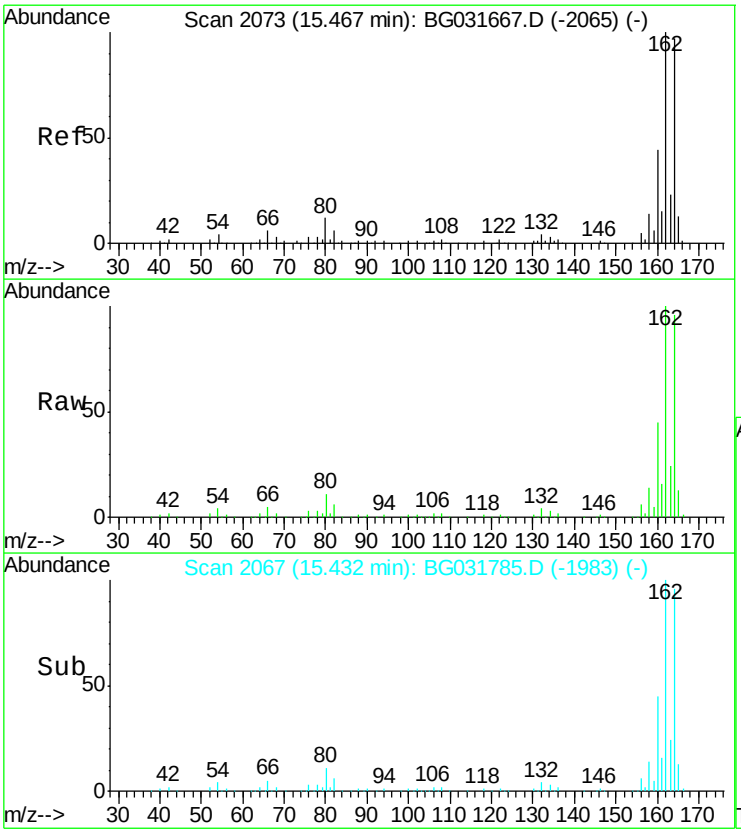
#32
Benzoic acid
Concen: 6.72 ng
RT: 11.17 min Scan# 1342
Delta R.T. 0.22 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:122 Resp: 53

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

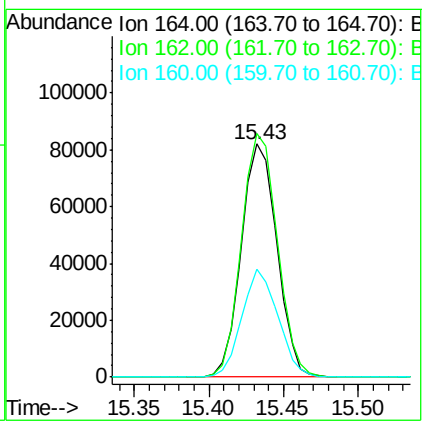


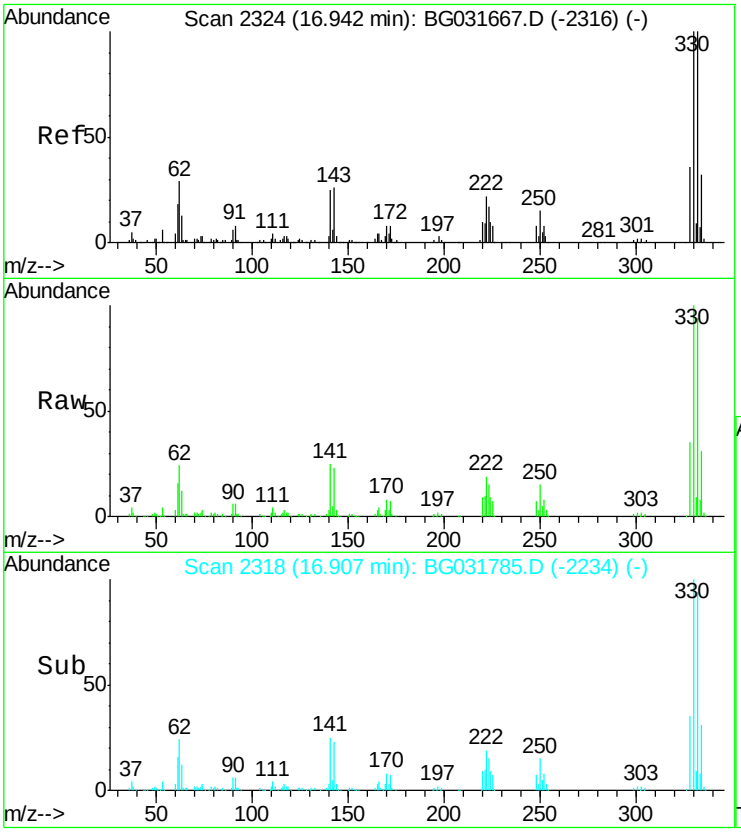


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:164 Resp: 135325

Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	46.6	35.4	53.0



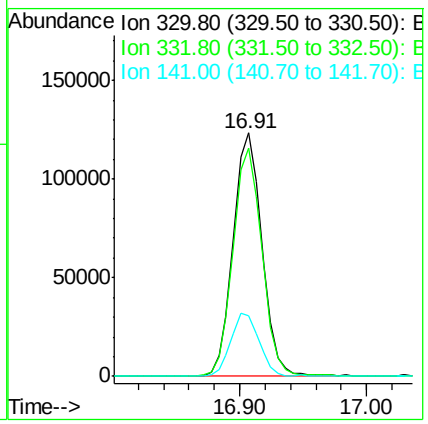


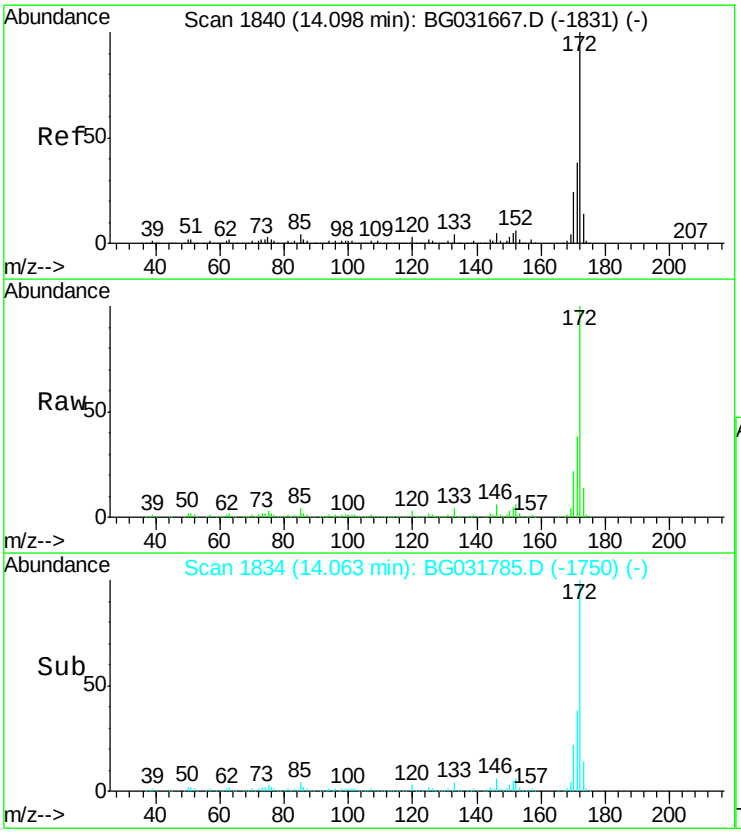
#41
2,4,6-Tribromophenol
Concen: 93.86 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:330 Resp: 193802

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	25.6	25.2	37.8

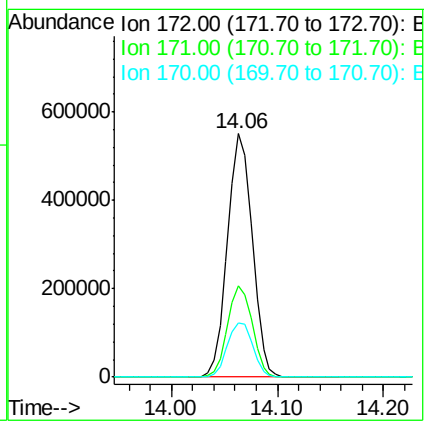


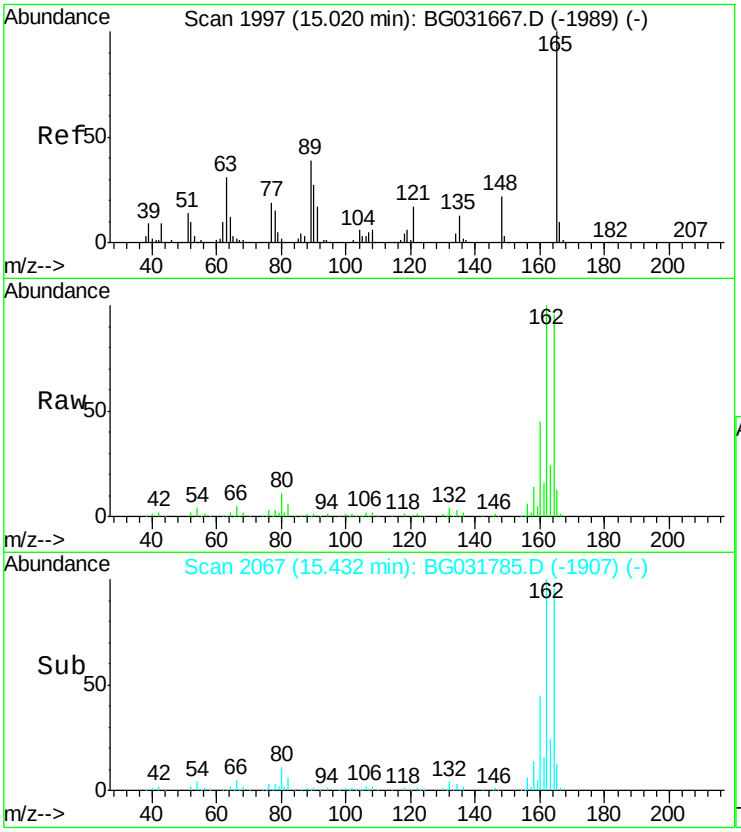


#44
2-Fluorobiphenyl
Concen: 82.76 ng
RT: 14.06 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:172 Resp: 892326

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.5	19.5	29.3



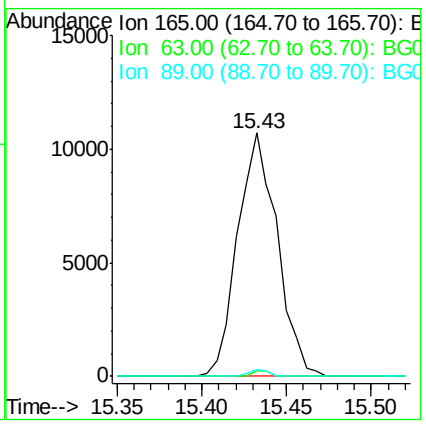


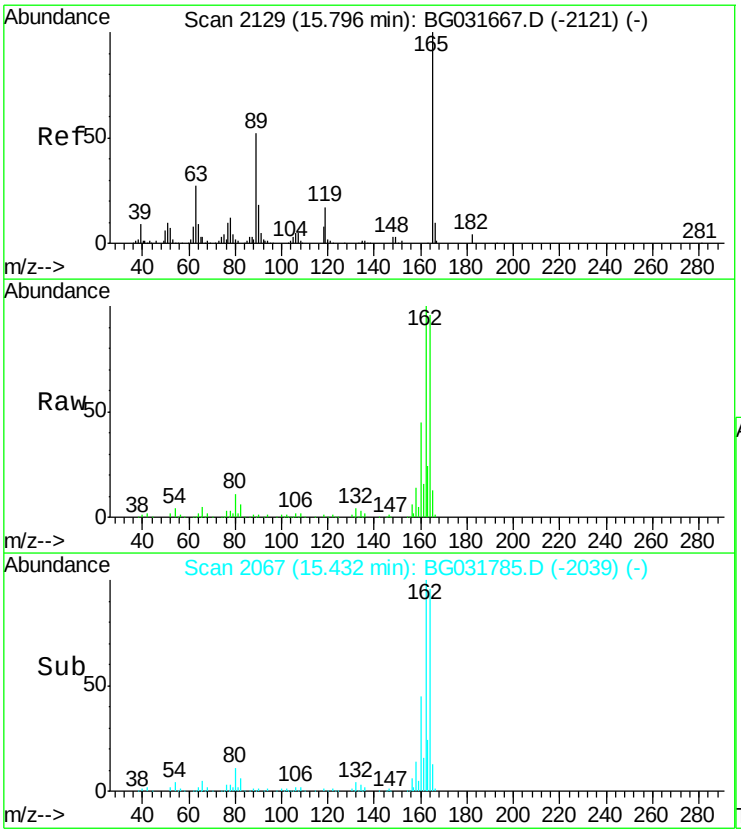
#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:165 Resp: 17322

Ion	Ratio	Lower	Upper
165	100		
63	2.4	52.7	79.1#
89	2.6	49.2	73.8#

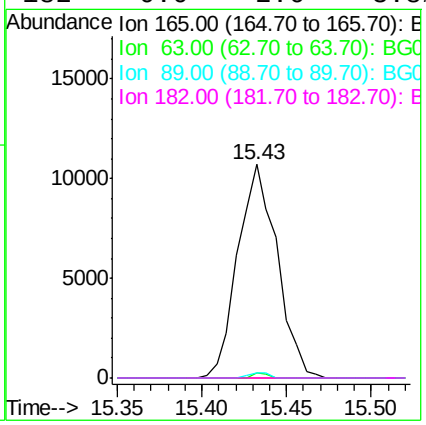


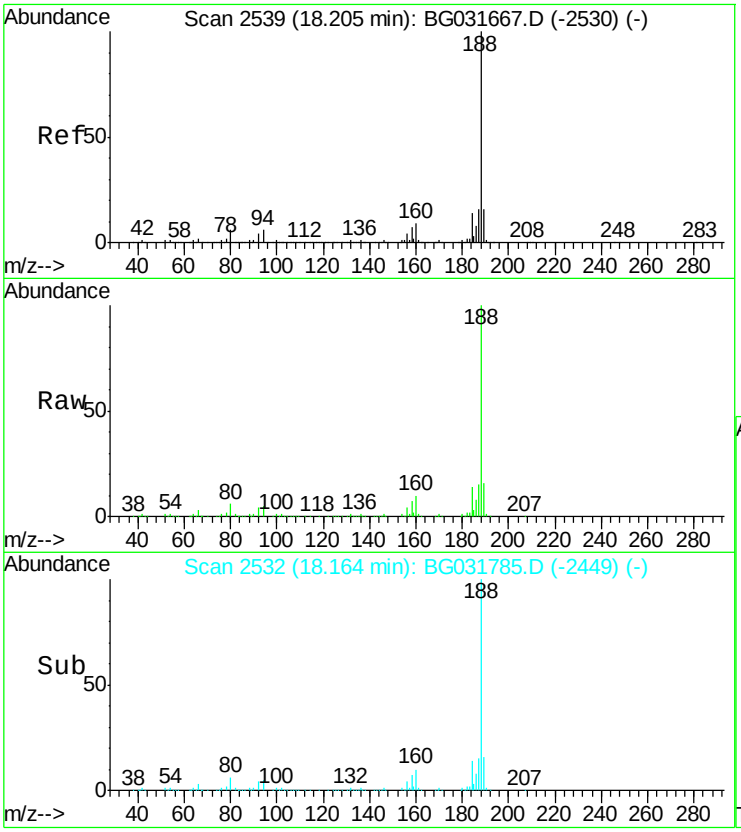


#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:165 Resp: 17322

Ion	Ratio	Lower	Upper
165	100		
63	2.4	42.0	63.0#
89	2.6	66.9	100.3#
182	0.0	2.6	3.8#



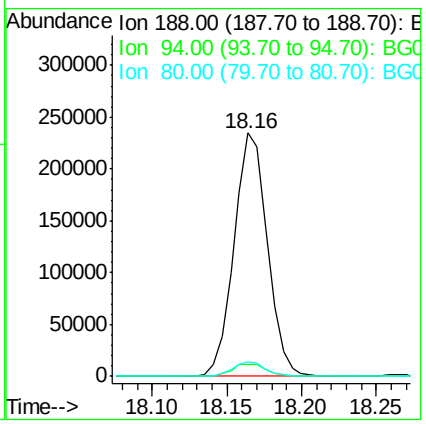


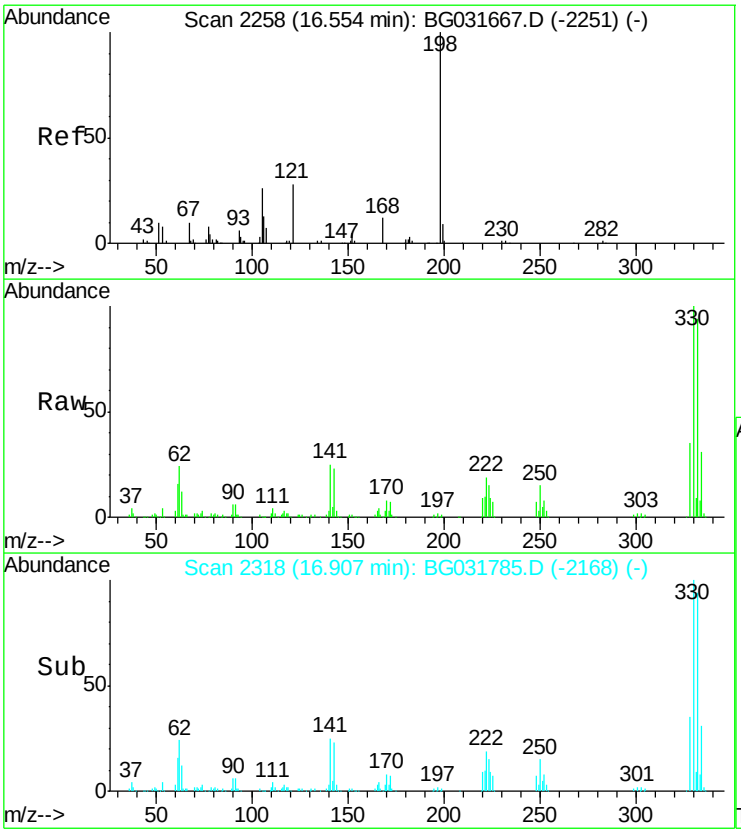
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:188 Resp: 363824

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.8	7.7	11.5#

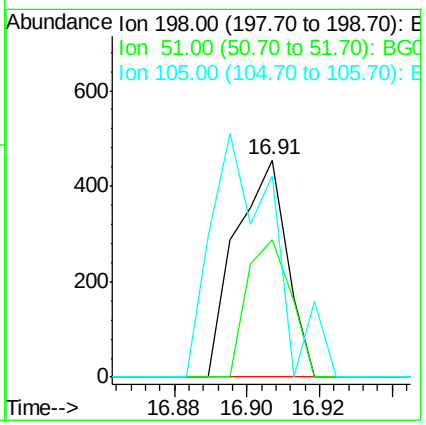


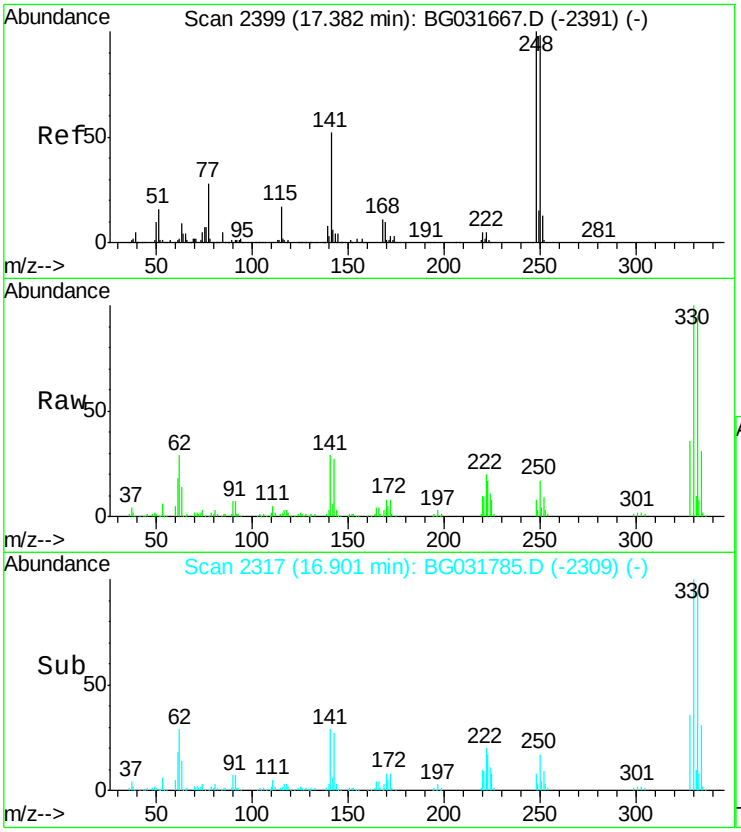


#64
4,6-Dinitro-2-methylphenol
Concen: 8.51 ng
RT: 16.91 min Scan# 2318
Delta R.T. 0.35 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:198 Resp: 445

Ion	Ratio	Lower	Upper
198	100		
51	63.1	30.6	70.6
105	93.0	23.8	63.8#



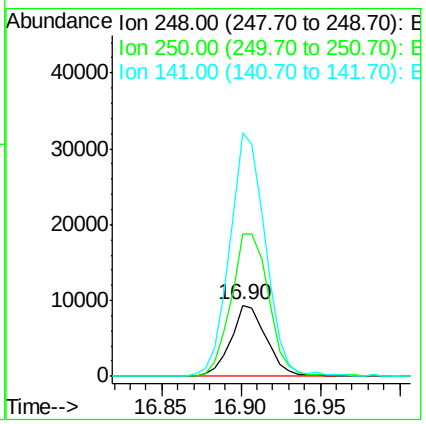


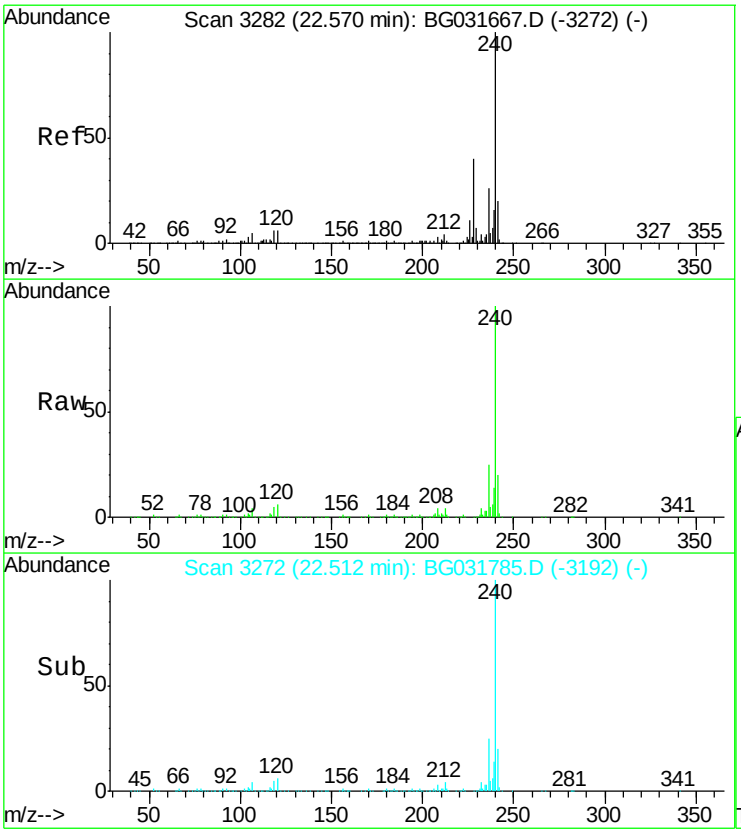
#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:248 Resp: 14556

Ion	Ratio	Lower	Upper
248	100		
250	200.0	77.1	115.7#
141	341.9	50.8	76.2#

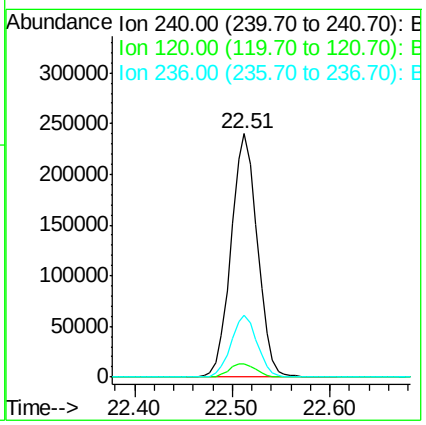


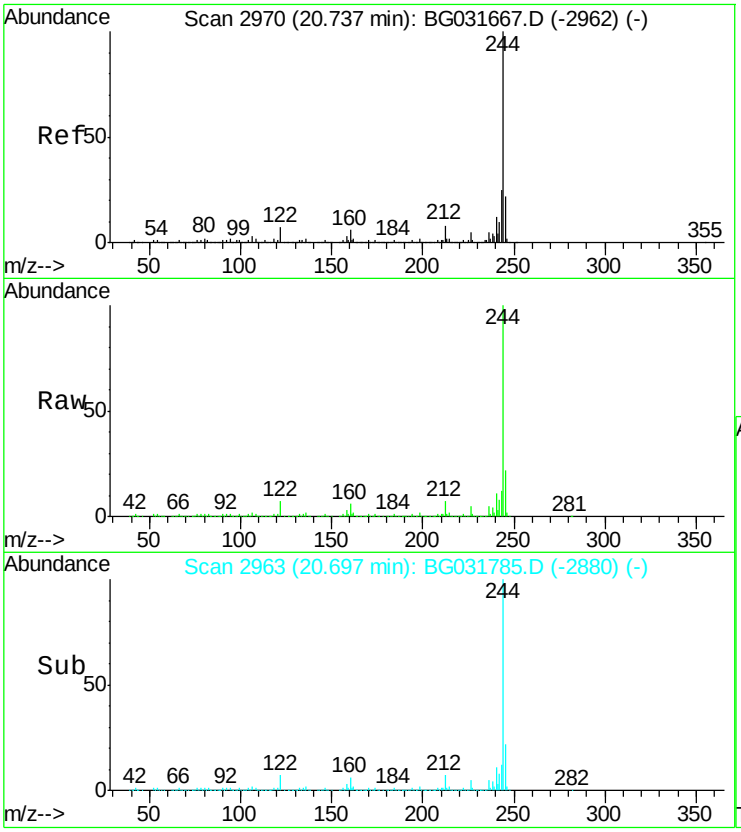


#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:240 Resp: 449855

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.4	20.9	31.3



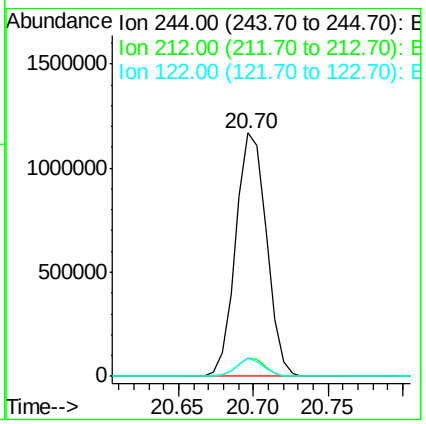


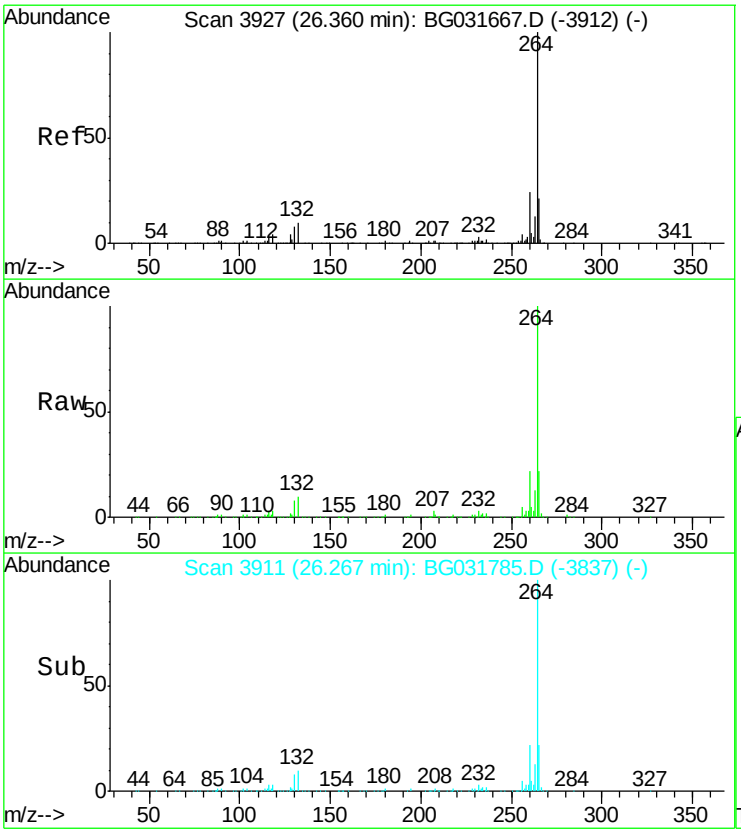
#78
Terphenyl-d14
Concen: 85.14 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-S

Tgt Ion:244 Resp: 1676358

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	7.4	7.0	10.4





#86
Perylene-d12
Concen: 20.00 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031785.D
Acq: 27 Dec 2017 6:31

Tgt Ion:264 Resp: 476481

Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.9	17.7	26.5