Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
Data File : BG031786.D
Acq On : 27 Dec 2017 7:08
Operator : SJ/JU
Sample : I7009-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 27 10:01:28 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	8.81	152	44627	20.00	ng		-0.03
21) Naphthalene-d8	11.69	136	193104	20.00	ng		-0.03
38) Acenaphthene-d10	15.43	164	140491	20.00	ng		-0.03
63) Phenanthrene-d10	18.17	188	389667	20.00	ng		-0.04
75) Chrysene-d12	22.51	240	468433	20.00	ng		-0.06
86) Perylene-d12	26.26	264	495497	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	110270	45.01	ng		-0.03
7) Phenol-d6	7.90	99	99497	31.28	ng		-0.03
23) Nitrobenzene-d5	10.00	82	250397	97.92	ng		-0.04
41) 2,4,6-Tribromophenol	16.90	330	224124	104.55	ng		-0.04
44) 2-Fluorobiphenyl	14.07	172	1006346	89.91	ng		-0.03
78) Terphenyl-d14	20.70	244	1819049	88.72	ng		-0.04
Target Compounds							Qvalue
9) Benzaldehyde	8.31	77	4557	2.379	ng		87
19) n-Nitroso-di-n-propylamine	10.00	70	33649	15.489	ng	#	72
50) 2,6-Dinitrotoluene	15.43	165	18314	8.044	ng	#	19
56) 2,4-Dinitrotoluene	15.43	165	18314	6.255	ng	#	17
64) 4,6-Dinitro-2-methylphenol	16.90	198	619	8.576	ng	#	56
66) 4-Bromophenyl-phenylether	16.90	248	17423	3.092	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 : BG031786.D
Acq On : 27 Dec 2017 7:08
Operator : SJ/JU
Sample : I7009-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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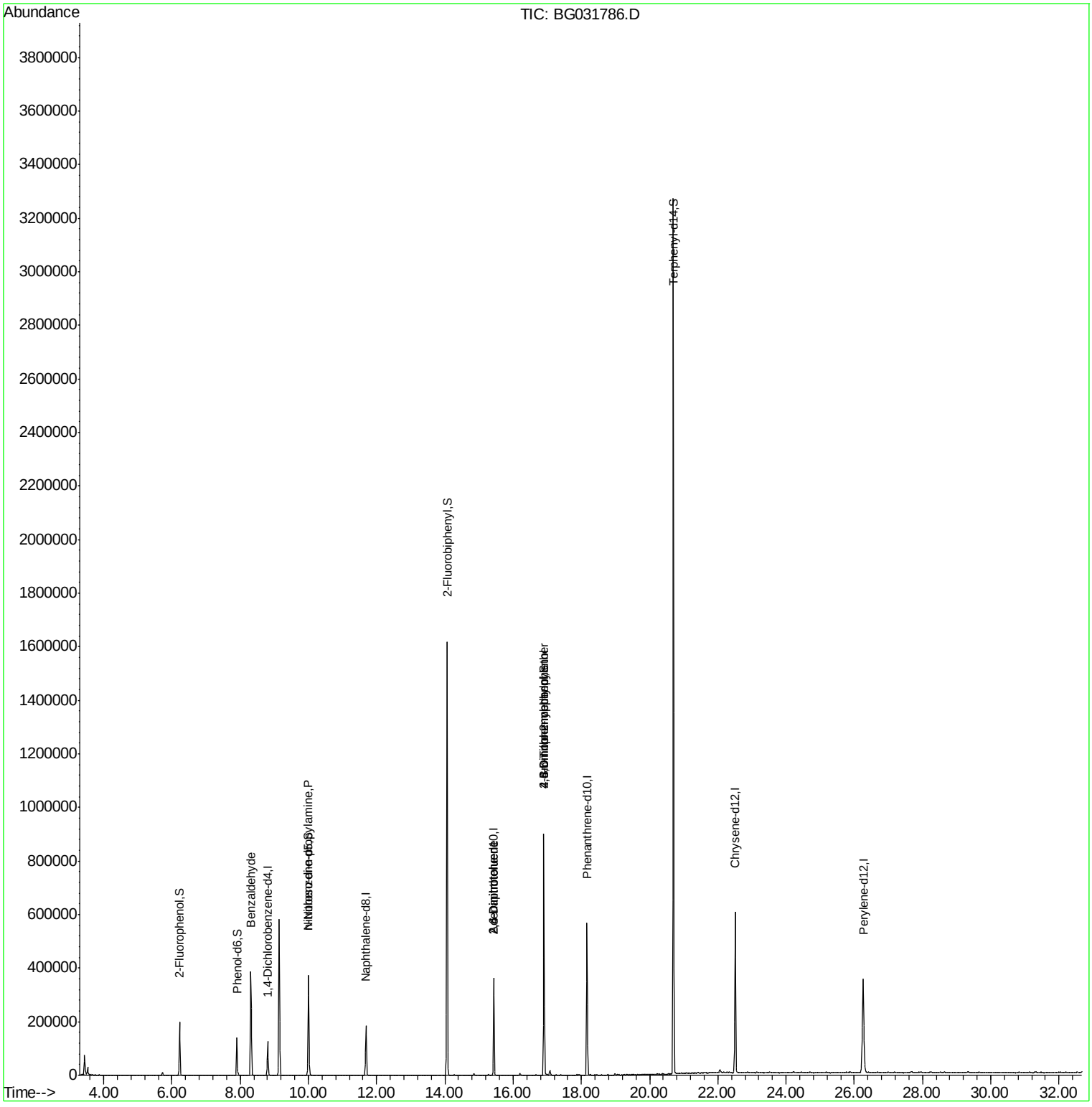
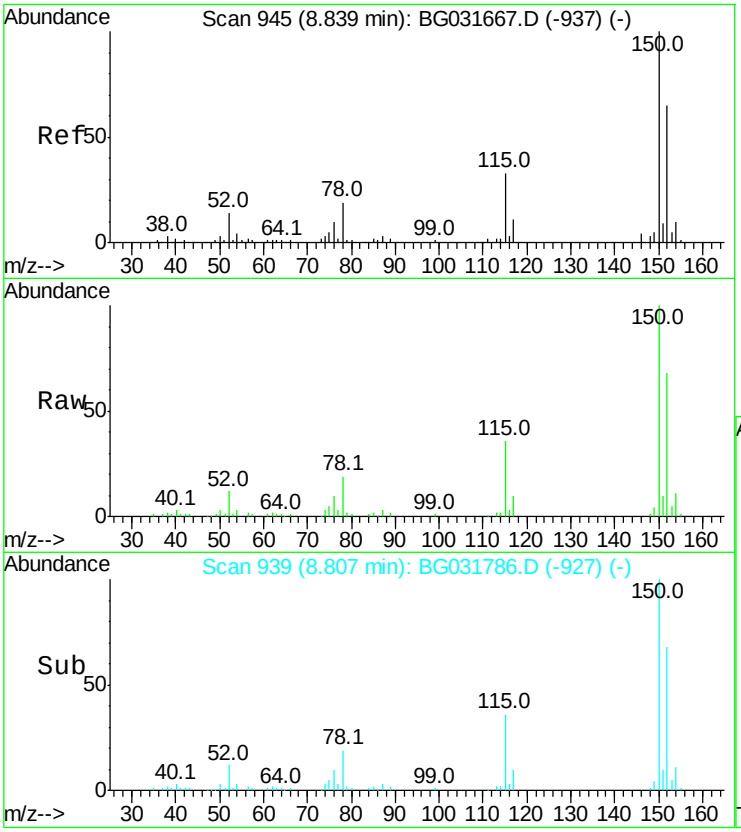
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



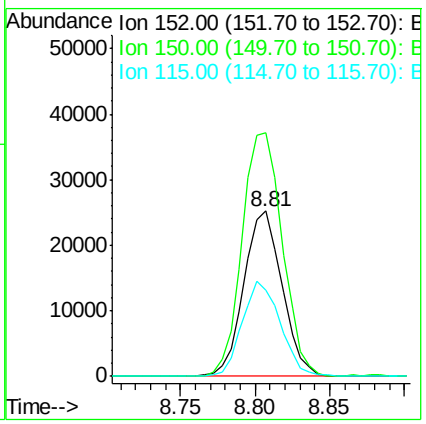


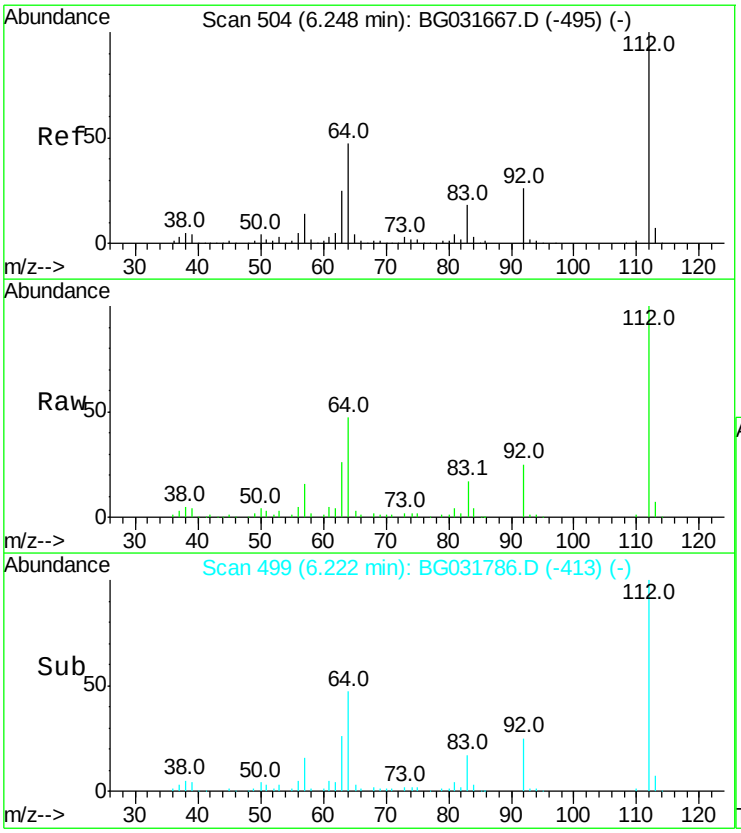
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 44627

Ion	Ratio	Lower	Upper
152	100		
150	147.3	126.6	189.8
115	52.4	53.0	79.4#

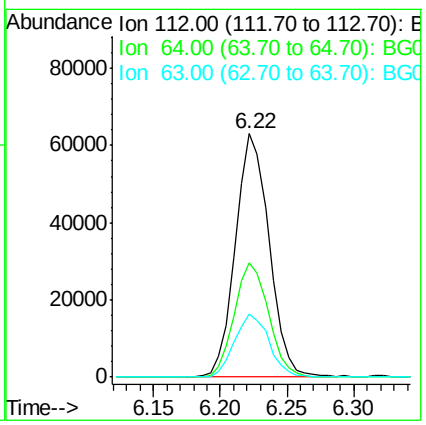


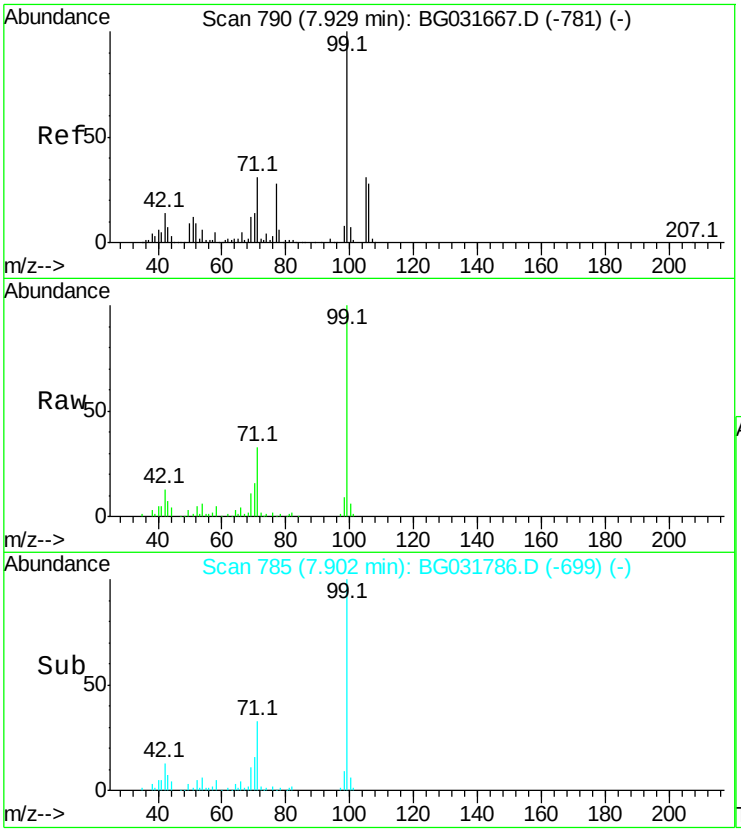


#5
2-Fluorophenol
Concen: 45.005 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:112 Resp: 110270

Ion	Ratio	Lower	Upper
112	100		
64	47.0	56.3	84.5#
63	25.9	30.1	45.1#



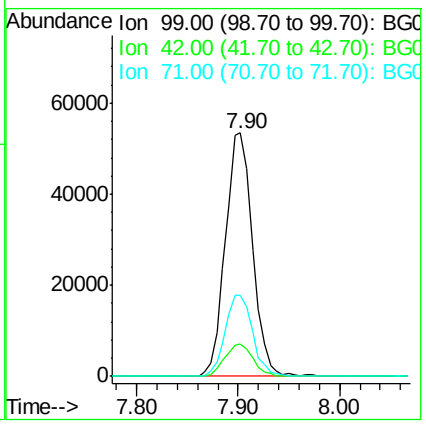


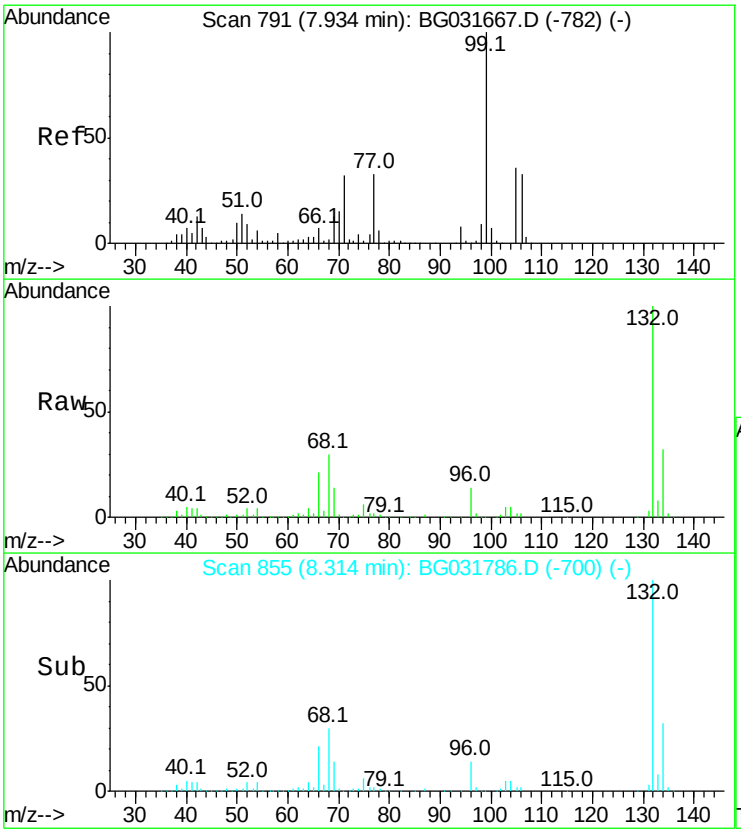
#7
Phenol-d6
Concen: 31.277 ng
RT: 7.90 min Scan# 785
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 99497

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.1	21.1#
71	33.1	26.1	39.1

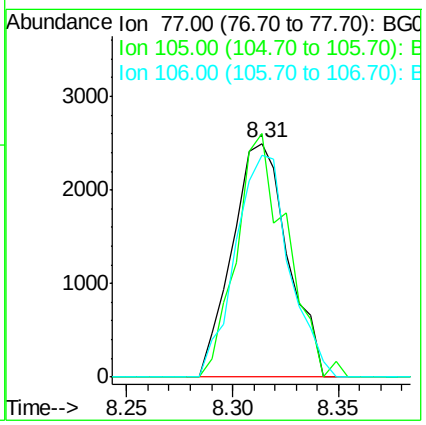


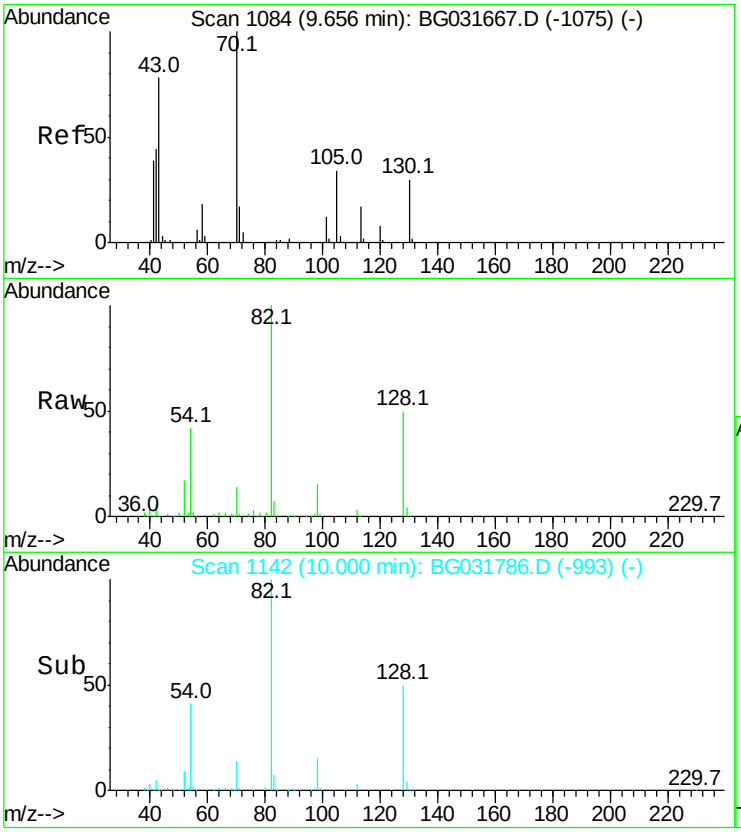


#9
Benzaldehyde
Concen: 2.379 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.38 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion: 77 Resp: 4557

Ion	Ratio	Lower	Upper
77	100		
105	104.3	71.3	111.3
106	95.1	64.2	104.2



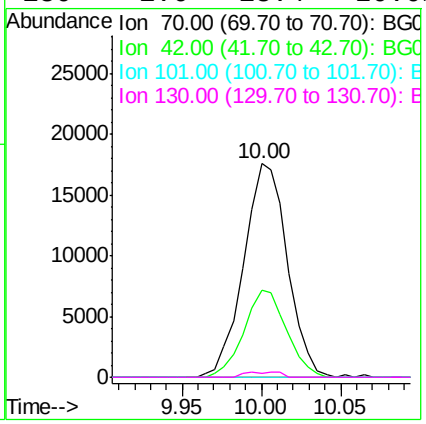


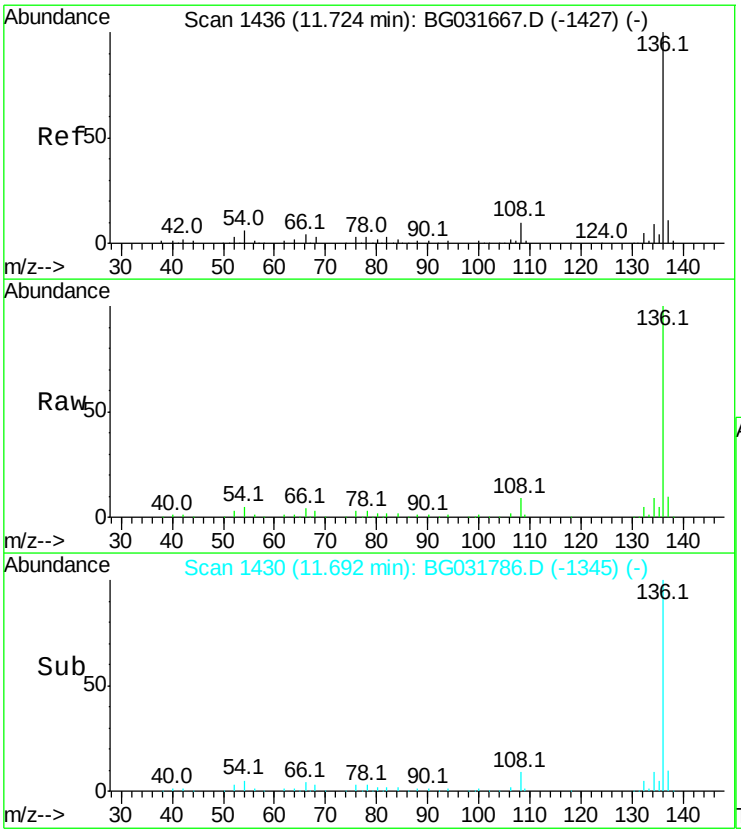
#19
n-Nitroso-di-n-propylamine
Concen: 15.489 ng
RT: 10.00 min Scan# 1142
Delta R.T. 0.34 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 33649

Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.1	73.7#
101	0.0	8.5	12.7#
130	1.6	13.4	20.0#

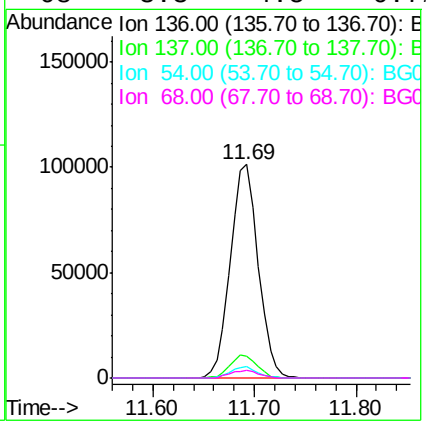


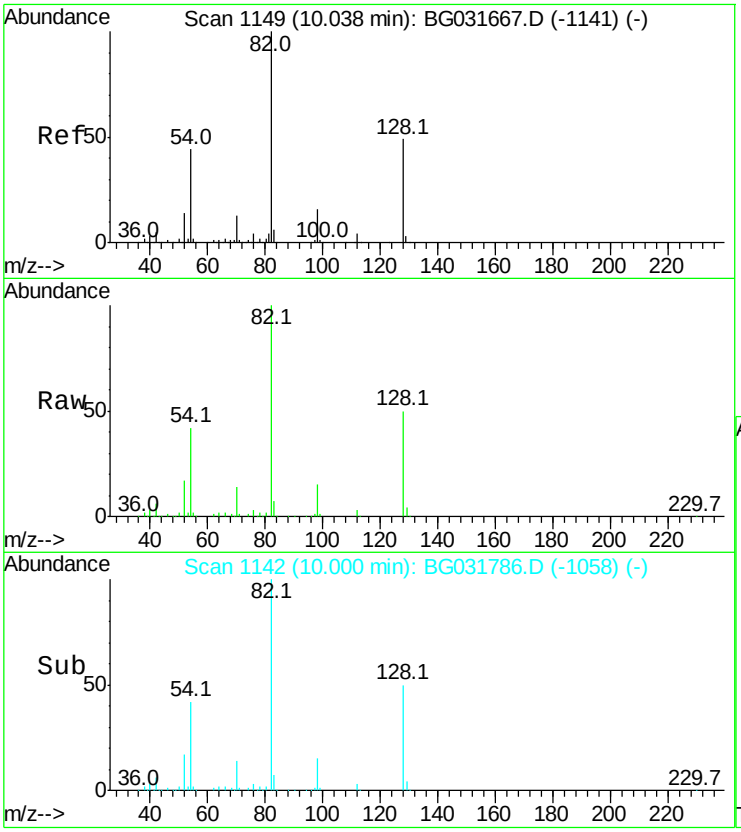


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:136 Resp: 193104

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.2	13.8
54	5.3	10.3	15.5#
68	3.3	4.5	6.7#



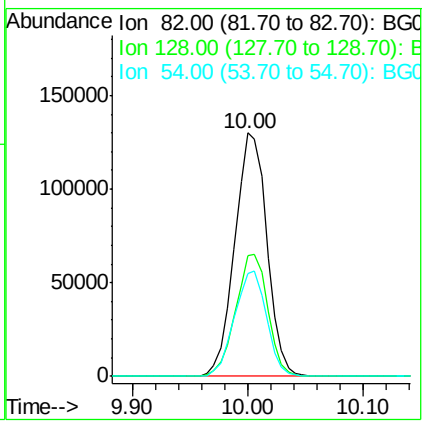


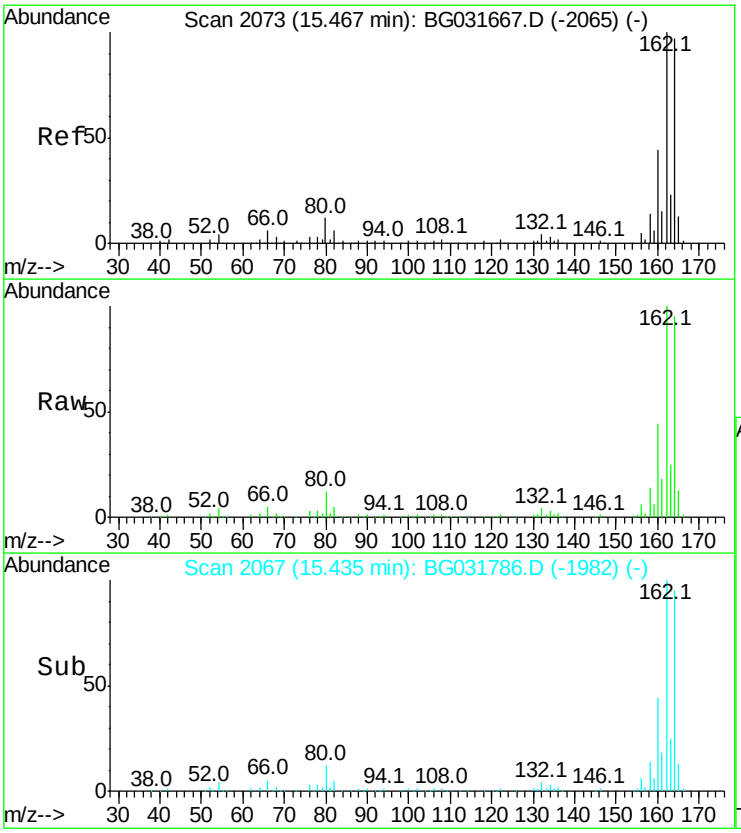
#23
Nitrobenzene-d5
Concen: 97.916 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.04 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 250397

Ion	Ratio	Lower	Upper
82	100		
128	49.6	29.7	44.5#
54	42.3	43.1	64.7#

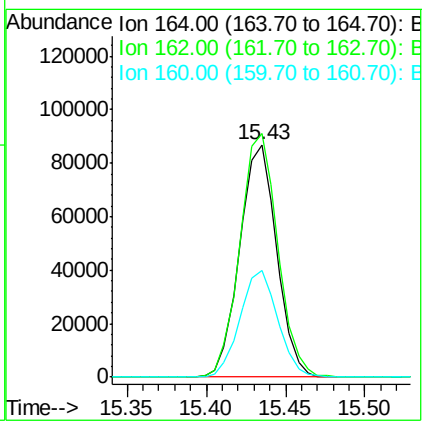


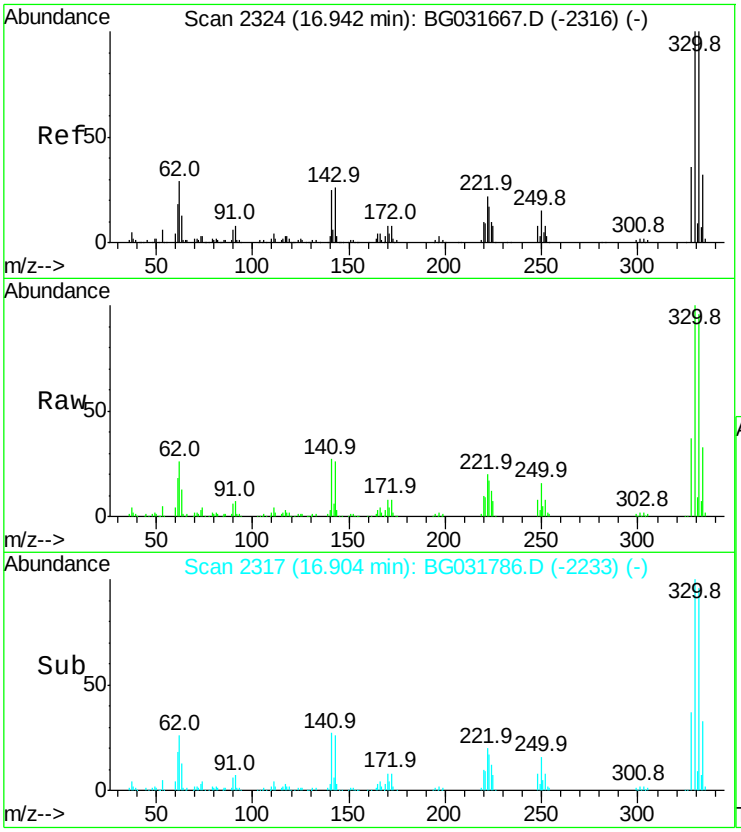


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:164 Resp: 140491

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	46.0	35.4	53.0



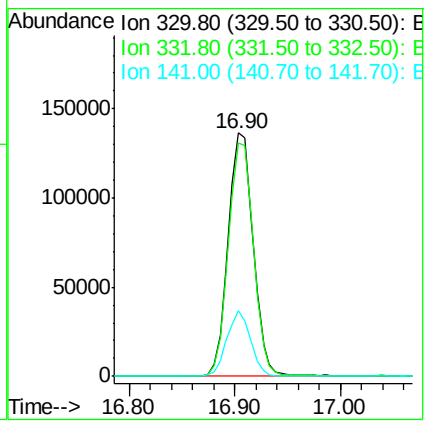


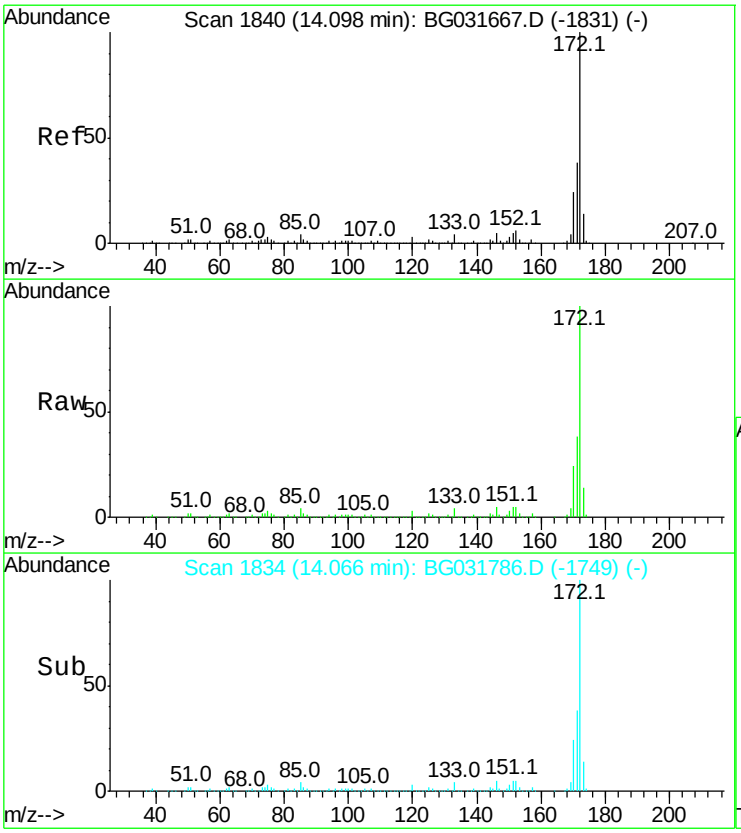
#41
2,4,6-Tribromophenol
Concen: 104.550 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.04 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 224124

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	25.5	25.2	37.8

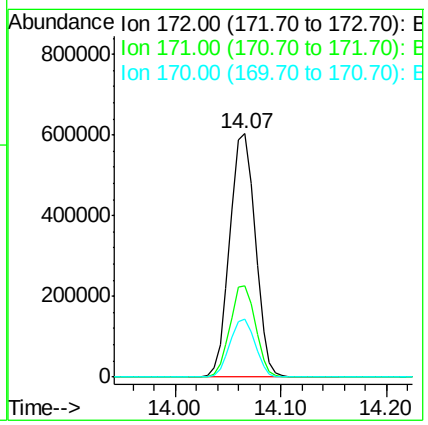


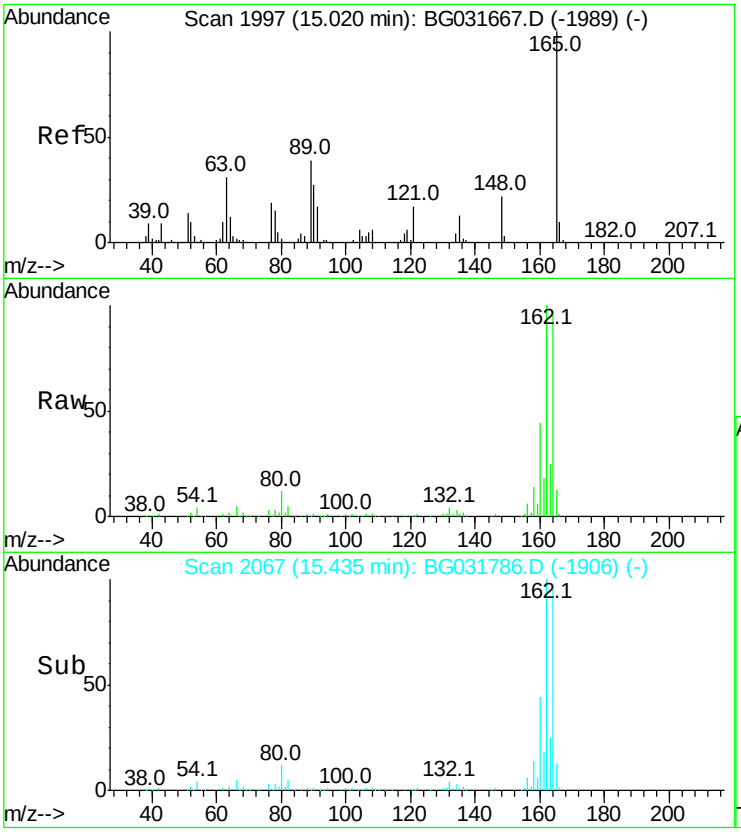


#44
2-Fluorobiphenyl
Concen: 89.906 ng
RT: 14.07 min Scan# 1834
Delta R.T. -0.03 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:172 Resp: 1006346

Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.8	19.5	29.3



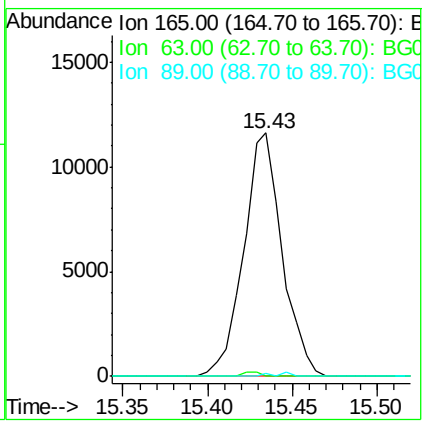


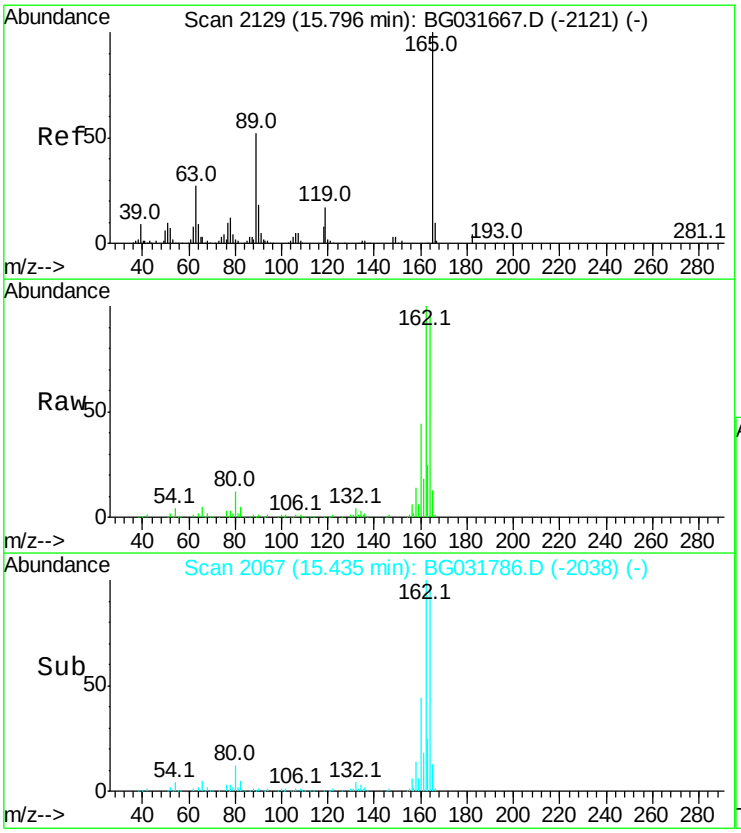
#50
2,6-Dinitrotoluene
Concen: 8.044 ng
RT: 15.43 min Scan# 2067
Delta R.T. 0.41 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18314

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	1.4	49.2	73.8#

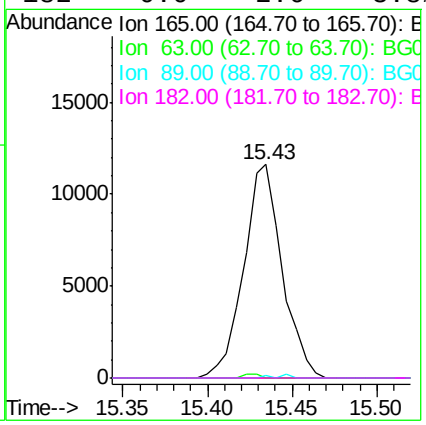


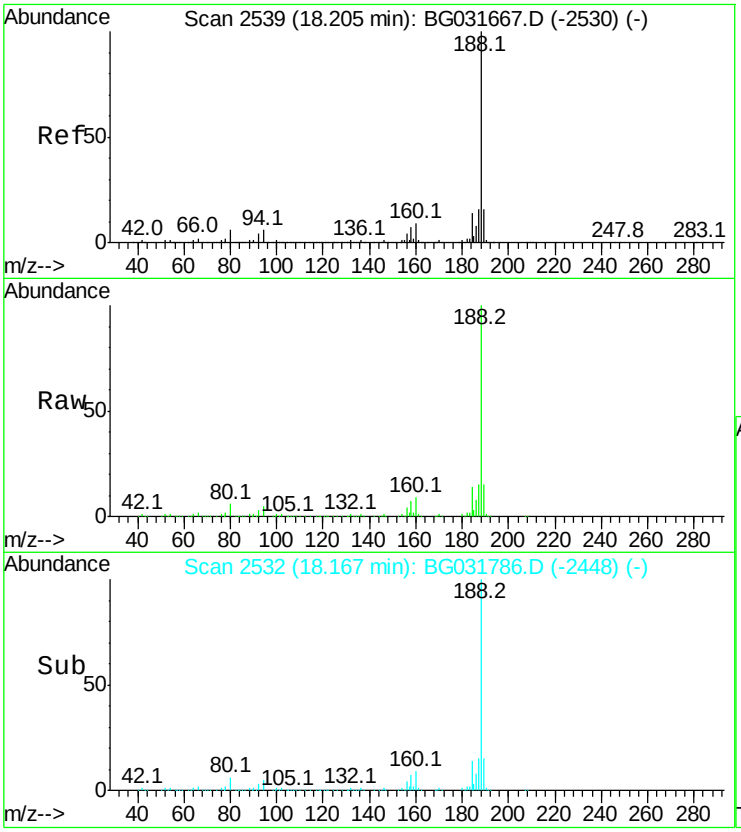


#56
2,4-Dinitrotoluene
Concen: 6.255 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.36 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:165 Resp: 18314

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.4	66.9	100.3#
182	0.0	2.6	3.8#



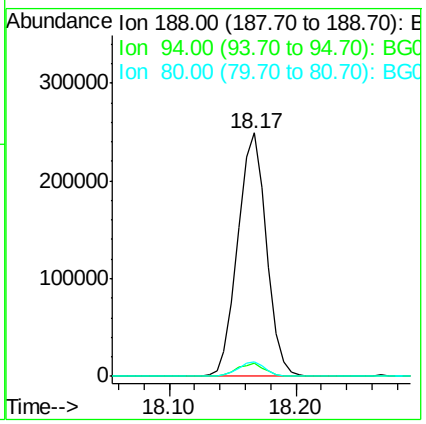


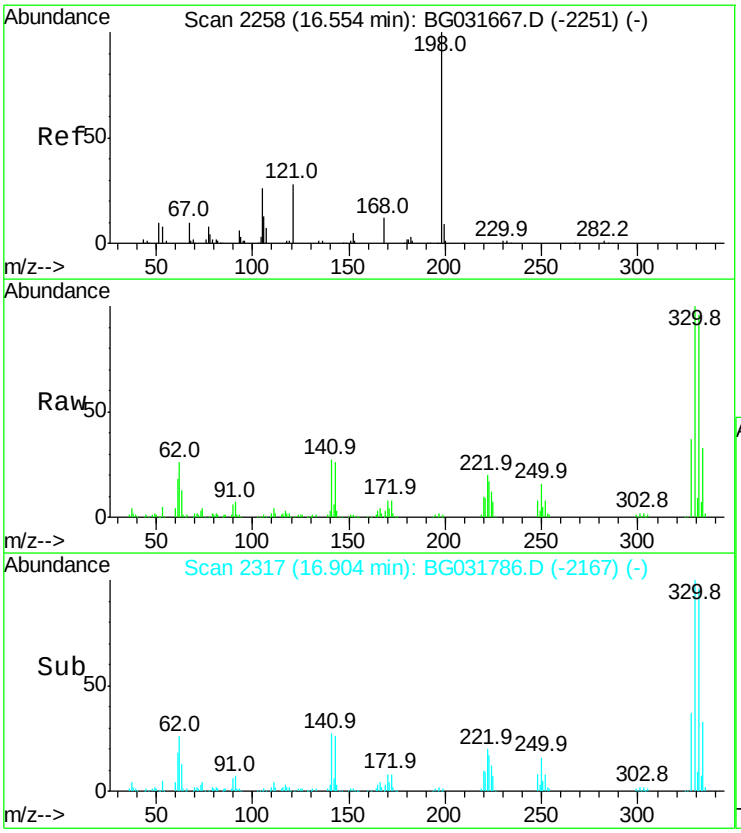
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 389667

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	5.9	7.7	11.5#

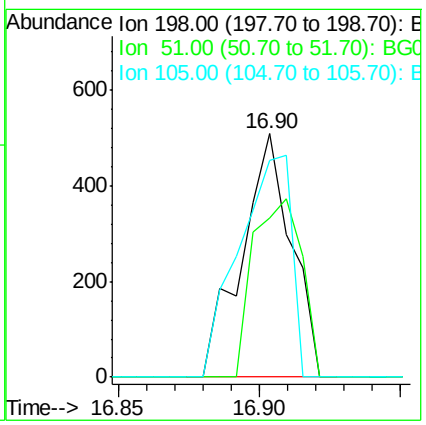


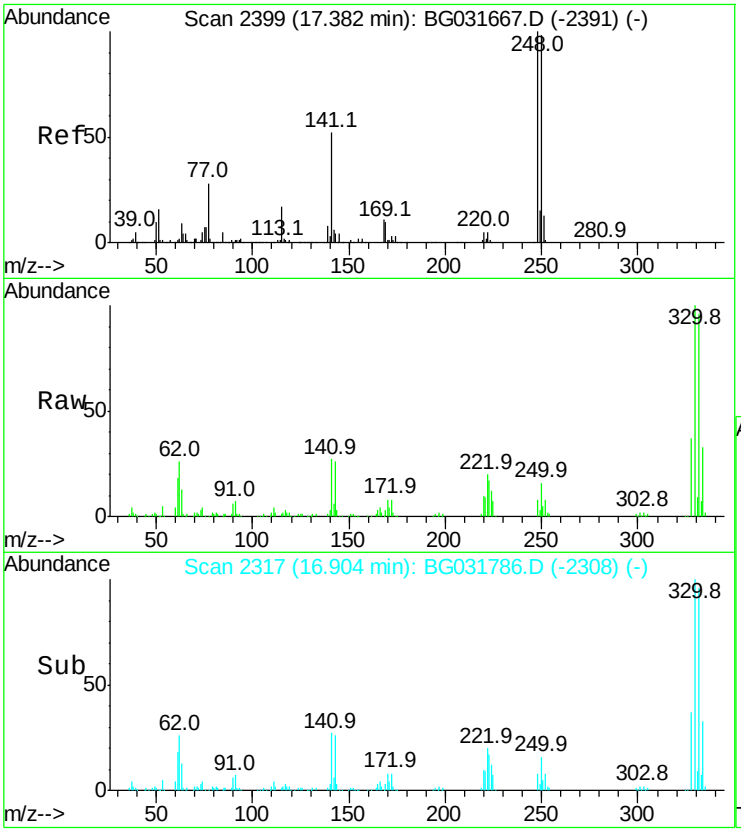


#64
4,6-Dinitro-2-methylphenol
Concen: 8.576 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:198 Resp: 619

Ion	Ratio	Lower	Upper
198	100		
51	65.2	30.6	70.6
105	89.2	23.8	63.8#



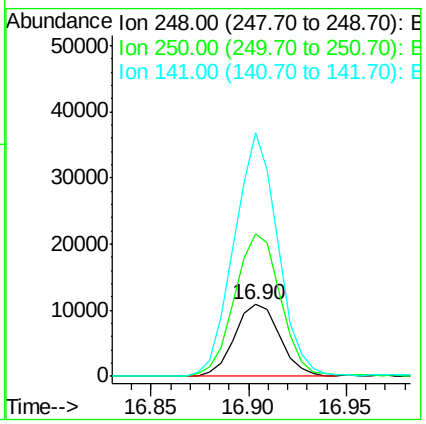


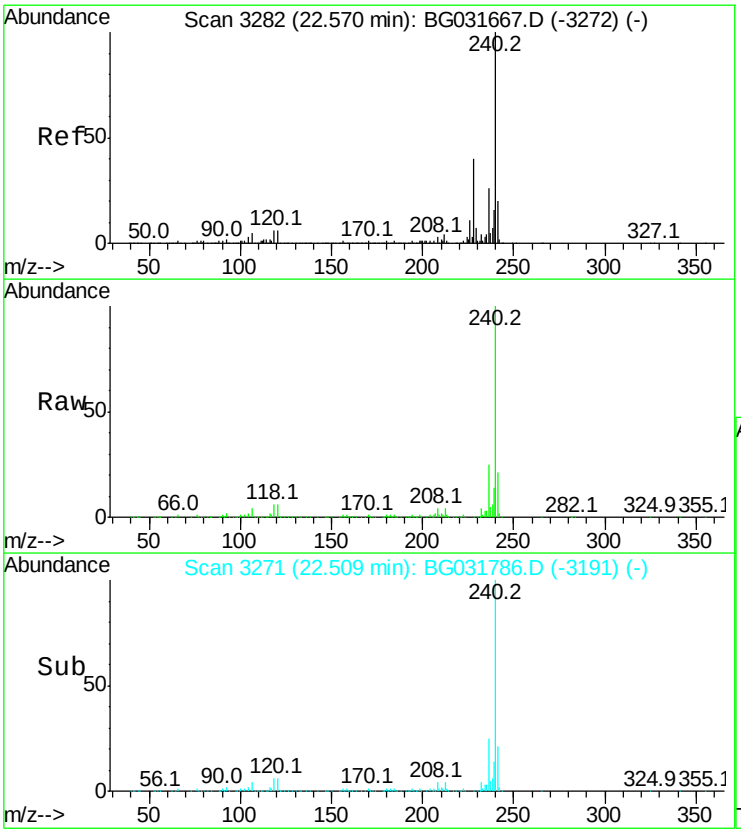
#66
4-Bromophenyl-phenylether
Concen: 3.092 ng
RT: 16.90 min Scan# 2317
Delta R.T. -0.48 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17423

Ion	Ratio	Lower	Upper
248	100		
250	199.5	77.1	115.7#
141	340.6	50.8	76.2#

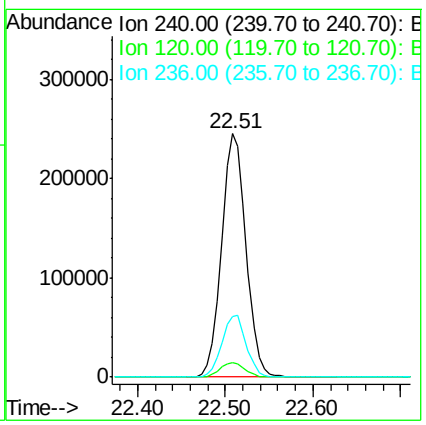


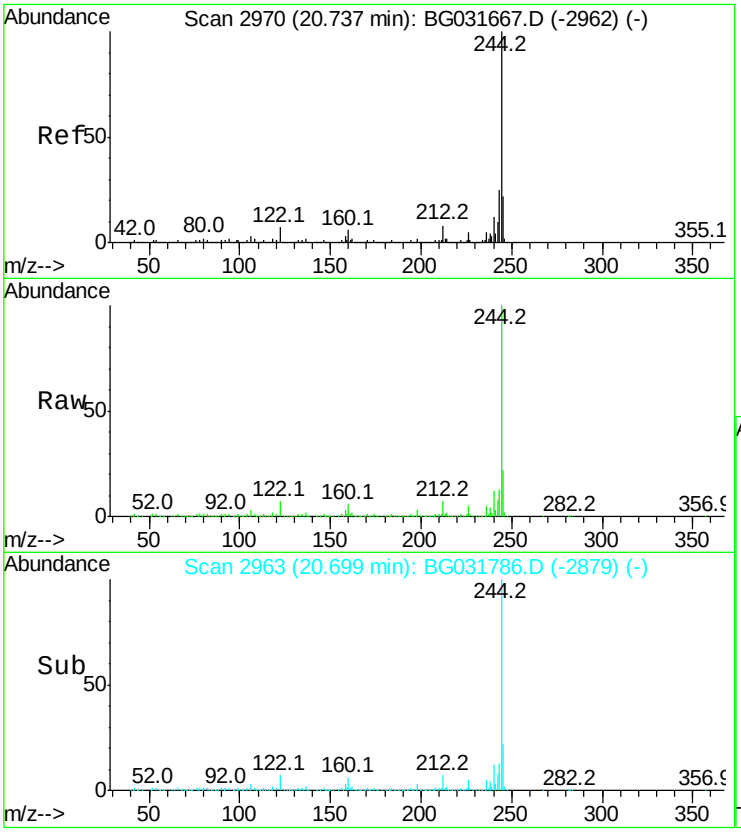


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3271
Delta R.T. -0.06 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:240 Resp: 468433

Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	25.1	20.9	31.3



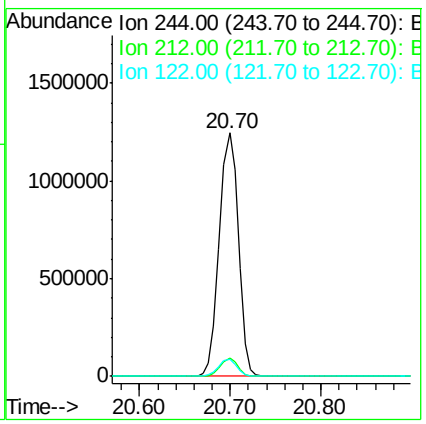


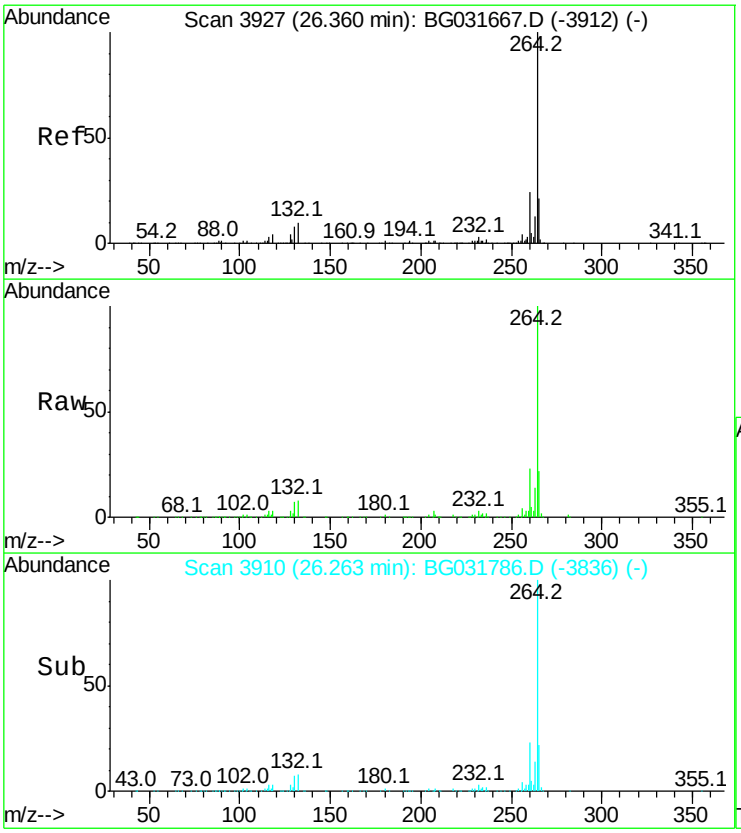
#78
Terphenyl-d14
Concen: 88.719 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1819049

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





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031786.D
Acq: 27 Dec 2017 7:08

Tgt Ion:264 Resp: 495497

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	21.7	17.7	26.5