Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122117\
Data File : BG031705.D
Acq On : 22 Dec 2017 11:15
Operator : SJ/JU
Sample : I6971-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Dec 22 12:36:34 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	8.82	152	58858	20.00	ng		-0.02
21) Naphthalene-d8	11.71	136	241392	20.00	ng		-0.01
38) Acenaphthene-d10	15.46	164	172030	20.00	ng		-0.01
63) Phenanthrene-d10	18.19	188	443826	20.00	ng		-0.01
75) Chrysene-d12	22.55	240	521907	20.00	ng		-0.02
86) Perylene-d12	26.33	264	550216	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	135606	41.96	ng		0.00
7) Phenol-d6	7.92	99	110052	26.23	ng		-0.01
23) Nitrobenzene-d5	10.03	82	283050	88.54	ng		-0.01
41) 2,4,6-Tribromophenol	16.93	330	237320	90.41	ng		-0.01
44) 2-Fluorobiphenyl	14.09	172	1090232	79.54	ng		-0.01
78) Terphenyl-d14	20.73	244	1799091	78.76	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	8.33	77	5523	2.186	ng		92
10) Phenol	7.95	94	8632	2.038	ng		82
19) n-Nitroso-di-n-propylamine	10.03	70	37484	13.082	ng	#	70
50) 2,6-Dinitrotoluene	15.46	165	22539	8.084	ng	#	20
56) 2,4-Dinitrotoluene	15.46	165	22539	6.287	ng	#	18
64) 4,6-Dinitro-2-methylphenol	16.94	198	345	8.438	ng	#	2
66) 4-Bromophenyl-phenylether	16.93	248	19120	2.979	ng	#	1

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

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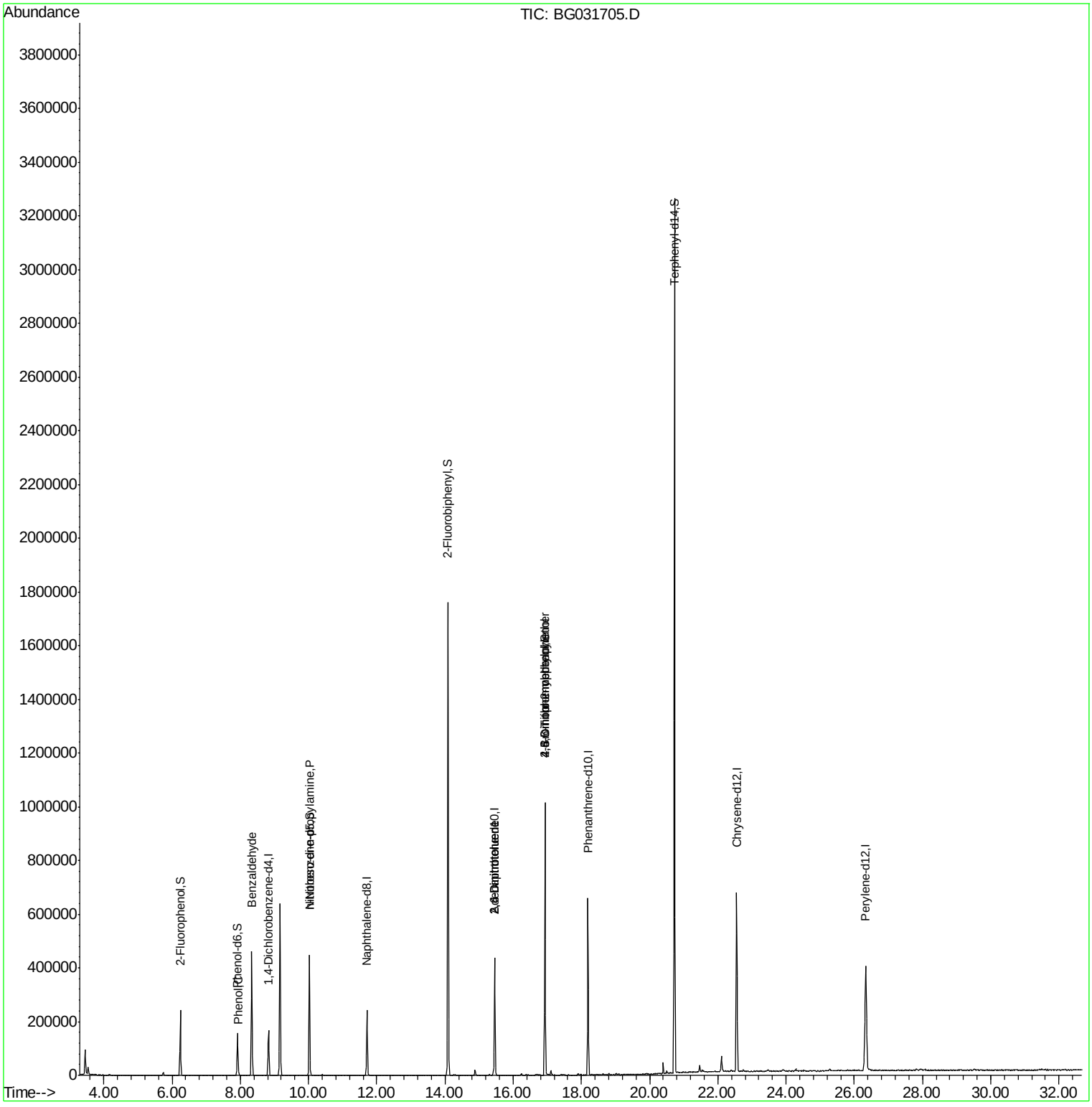
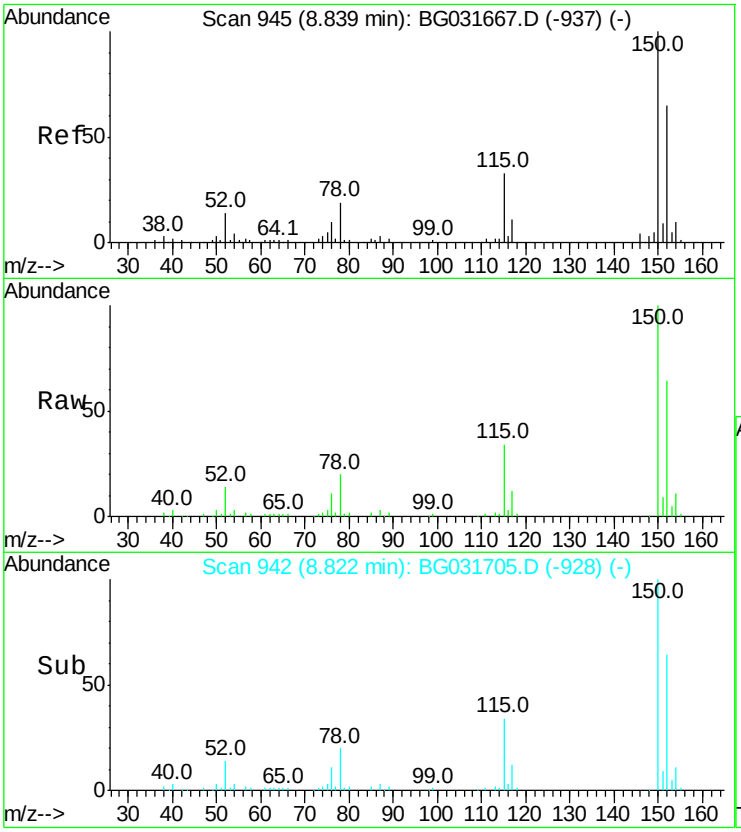


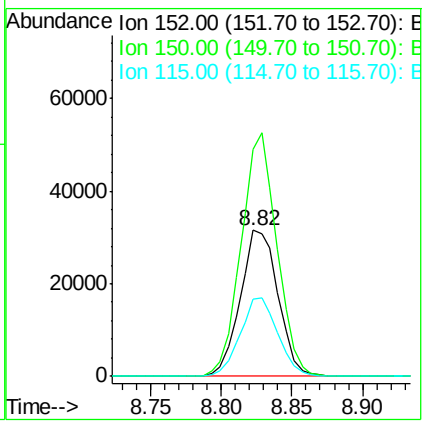


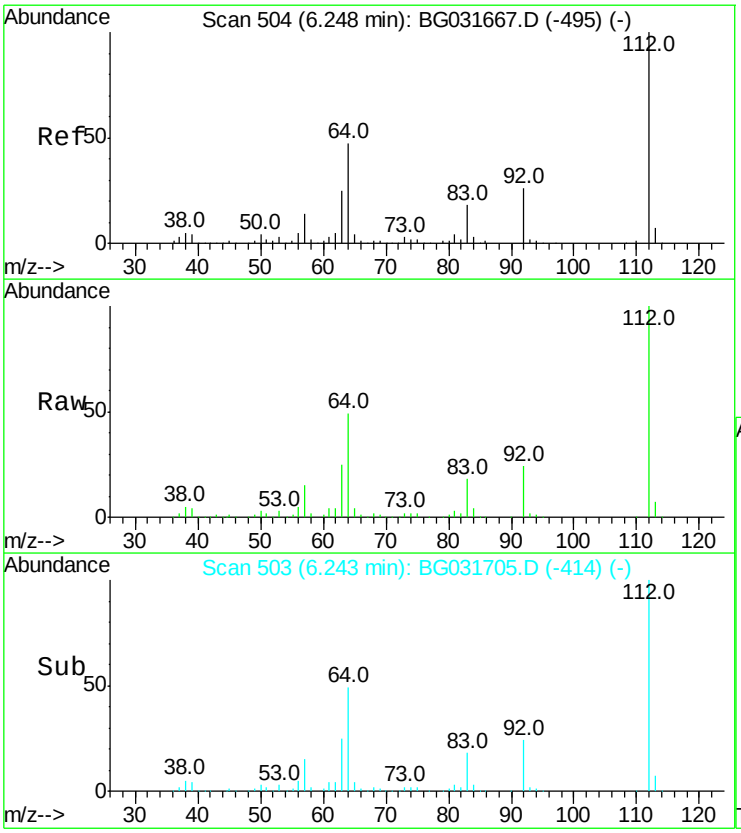
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 58858

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	52.9	53.0	79.4#

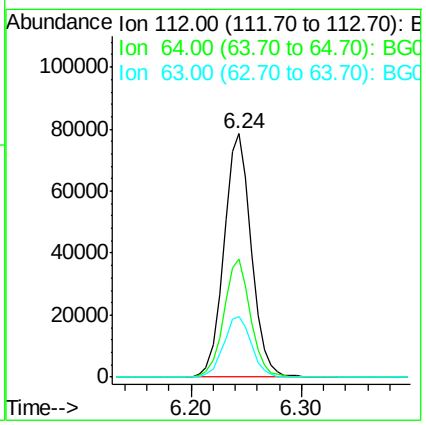


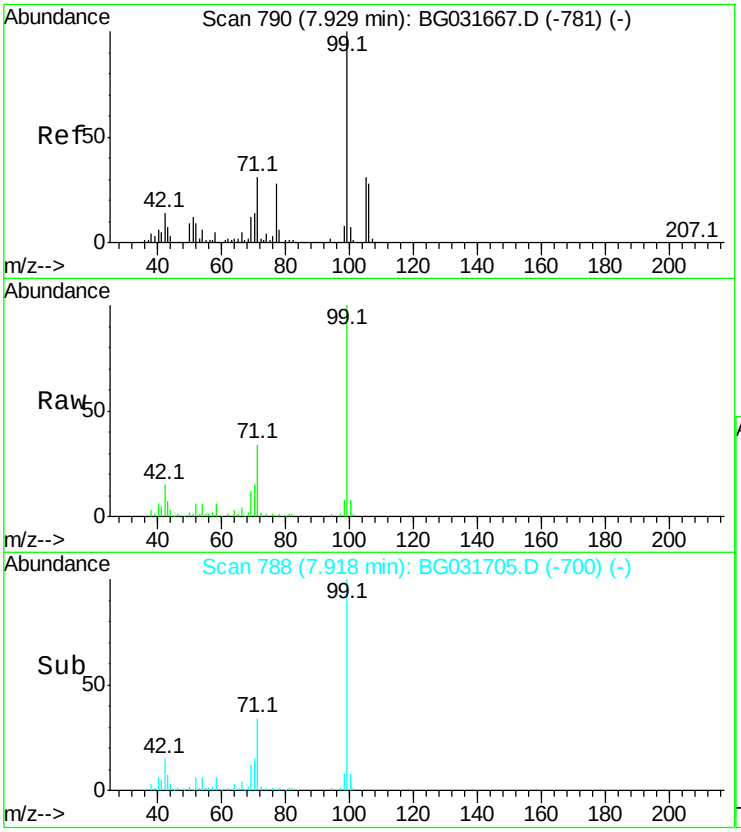


#5
2-Fluorophenol
Concen: 41.964 ng
RT: 6.24 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion:112 Resp: 135606

Ion	Ratio	Lower	Upper
112	100		
64	48.7	56.3	84.5#
63	24.9	30.1	45.1#



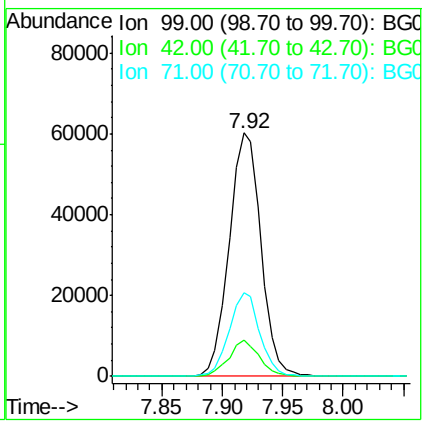


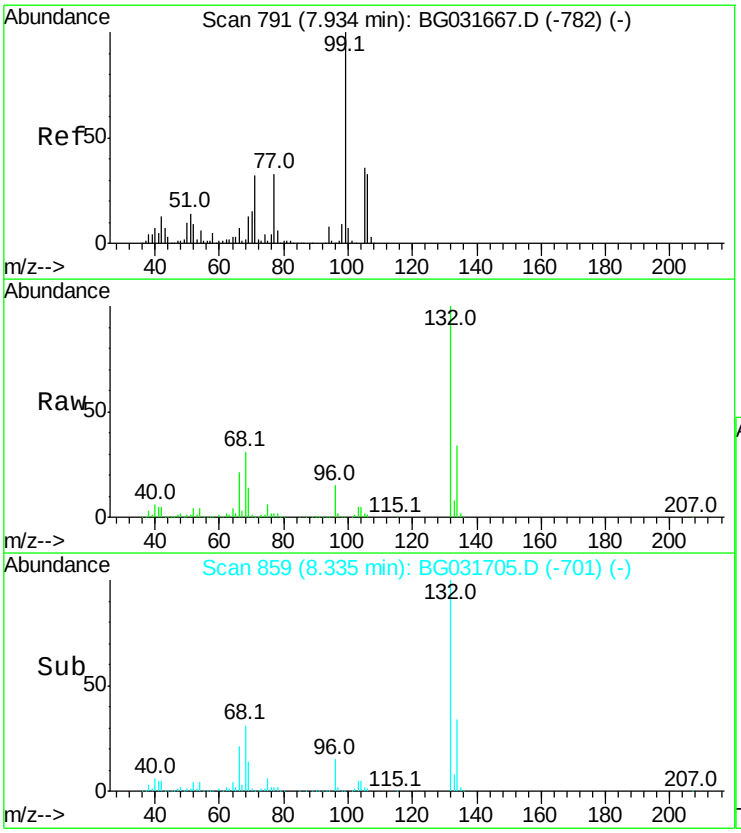
#7
Phenol-d6
Concen: 26.231 ng
RT: 7.92 min Scan# 788
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 110052

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	34.4	26.1	39.1

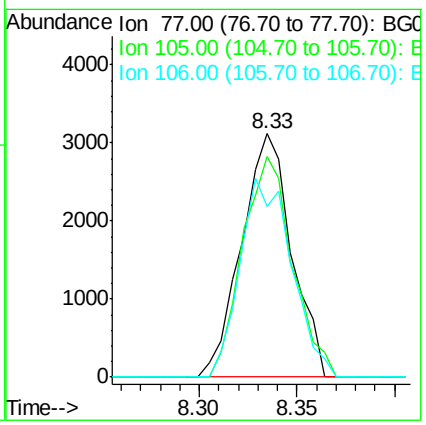


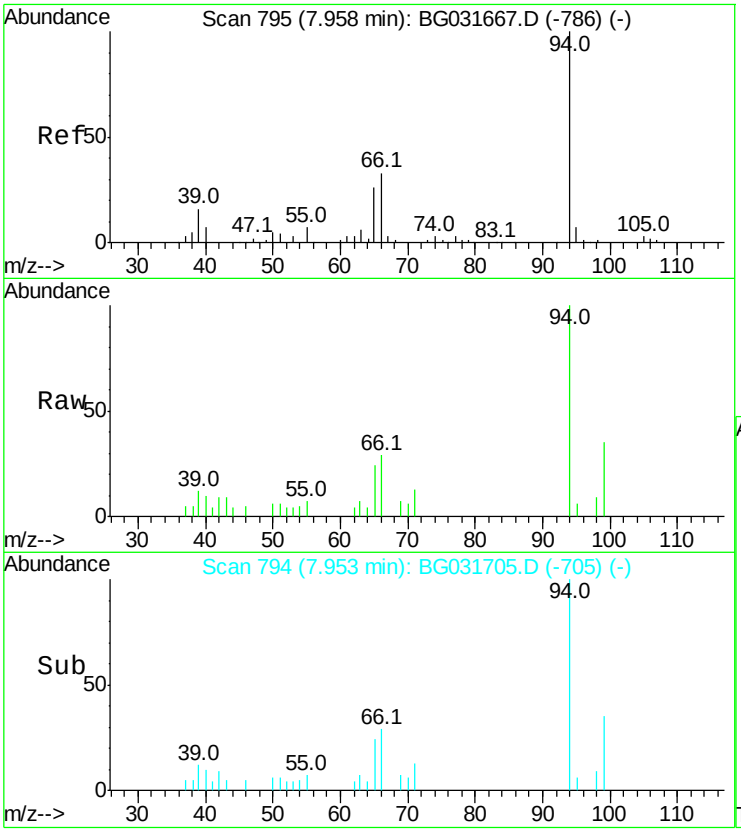


#9
Benzaldehyde
Concen: 2.186 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.40 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion: 77 Resp: 5523

Ion	Ratio	Lower	Upper
77	100		
105	90.4	71.3	111.3
106	69.8	64.2	104.2



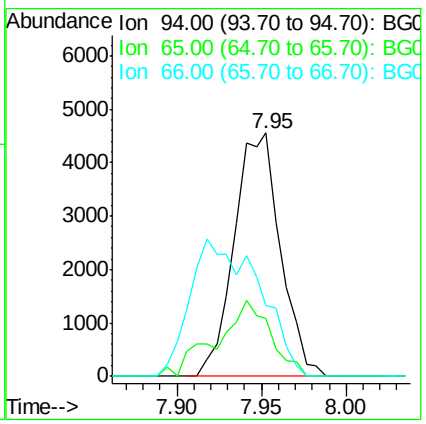


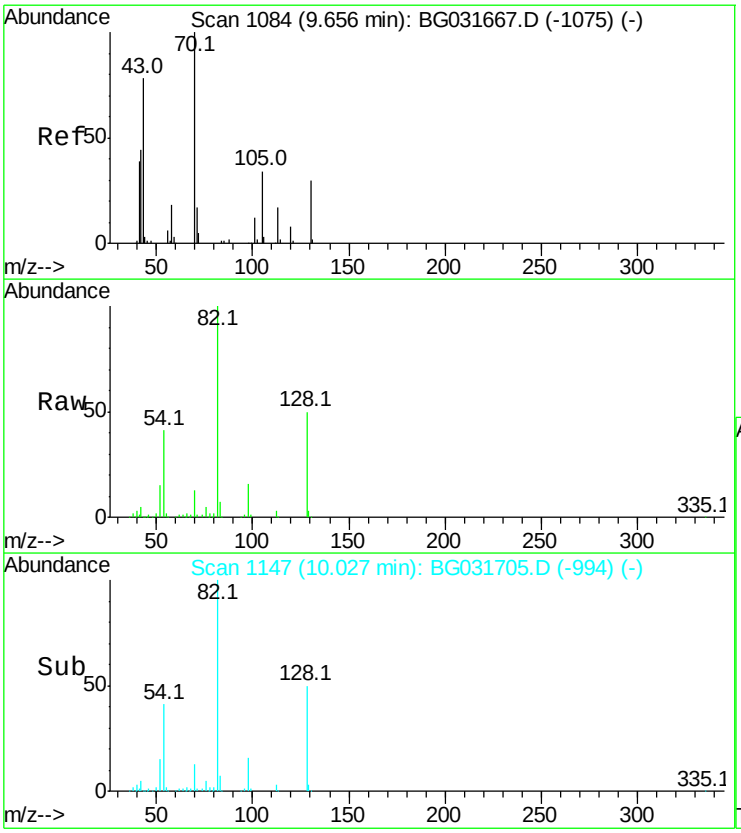
#10
Phenol
Concen: 2.038 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 8632

Ion	Ratio	Lower	Upper
94	100		
65	23.9	11.9	51.9
66	29.3	22.2	62.2

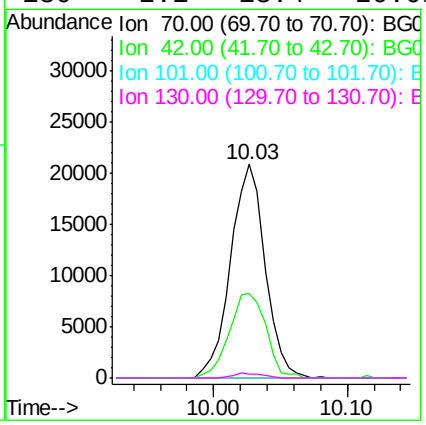


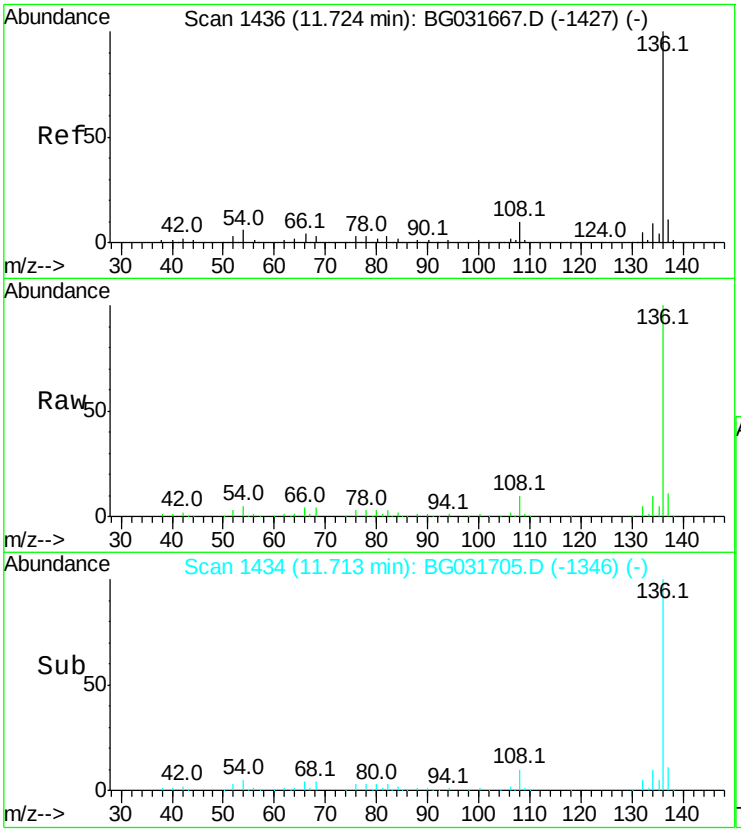


#19
n-Nitroso-di-n-propylamine
Concen: 13.082 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.37 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion: 70 Resp: 37484

Ion	Ratio	Lower	Upper
70	100		
42	39.3	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



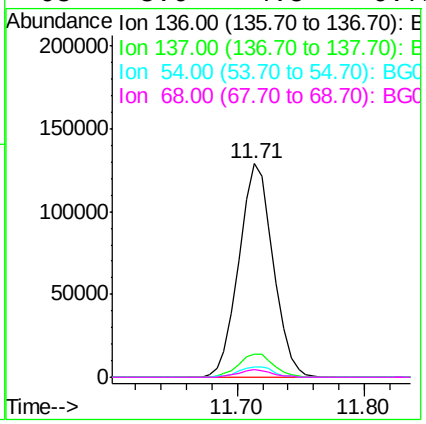


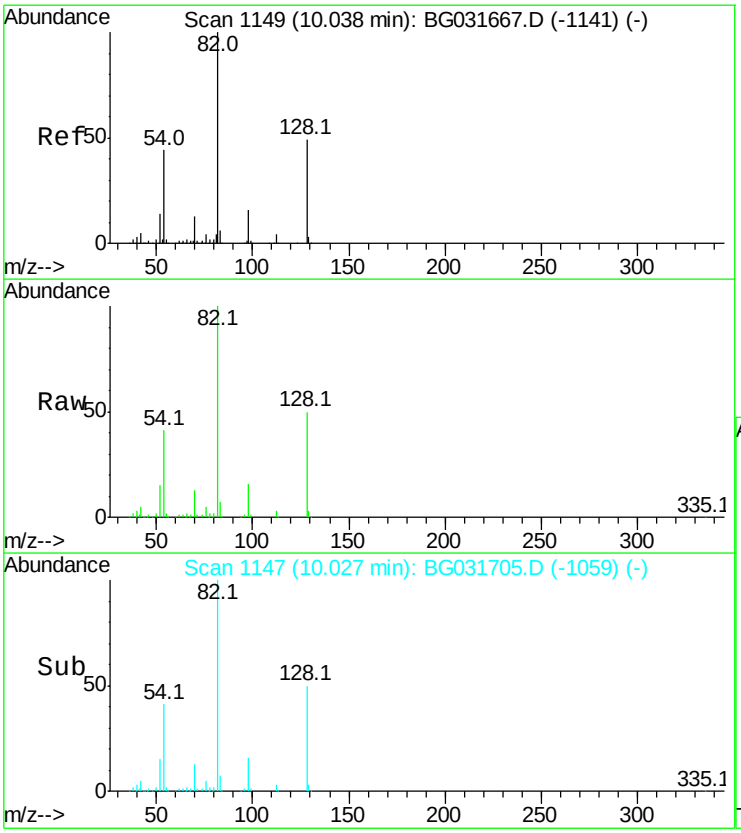
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 241392

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.9	10.3	15.5#
68	3.6	4.5	6.7#

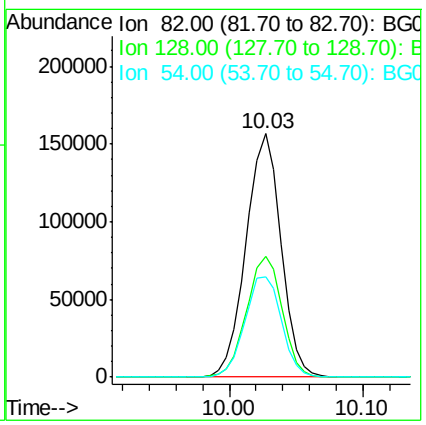


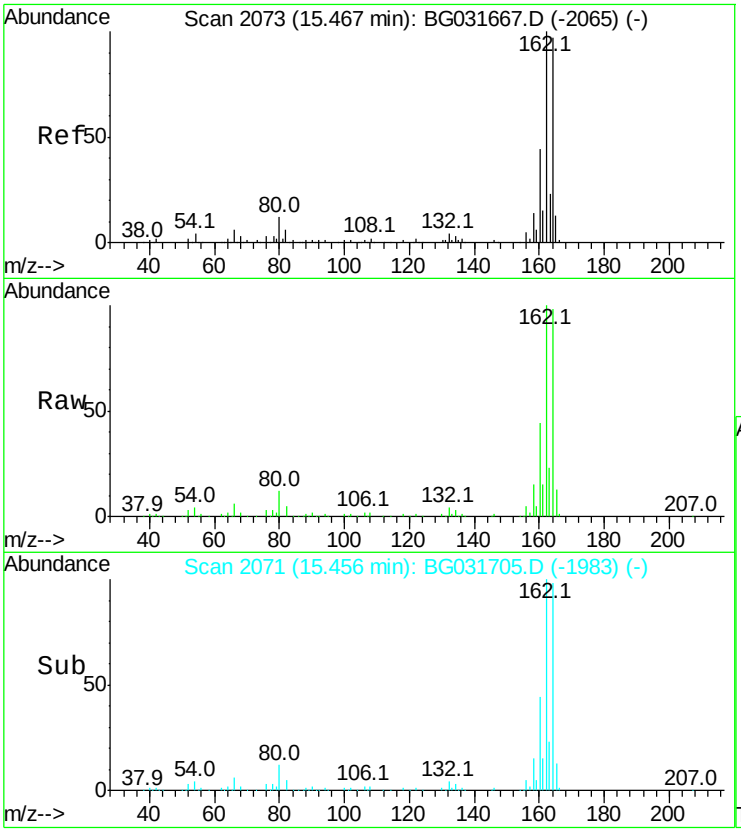


#23
Nitrobenzene-d5
Concen: 88.544 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion: 82 Resp: 283050

Ion	Ratio	Lower	Upper
82	100		
128	49.6	29.7	44.5#
54	41.3	43.1	64.7#



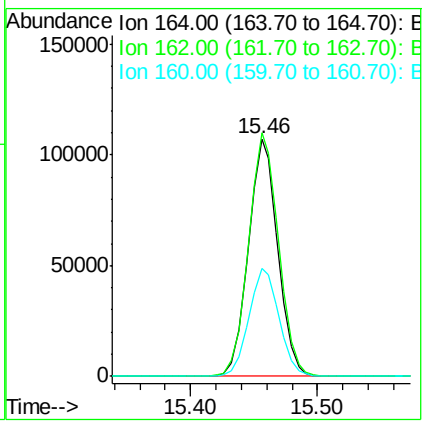


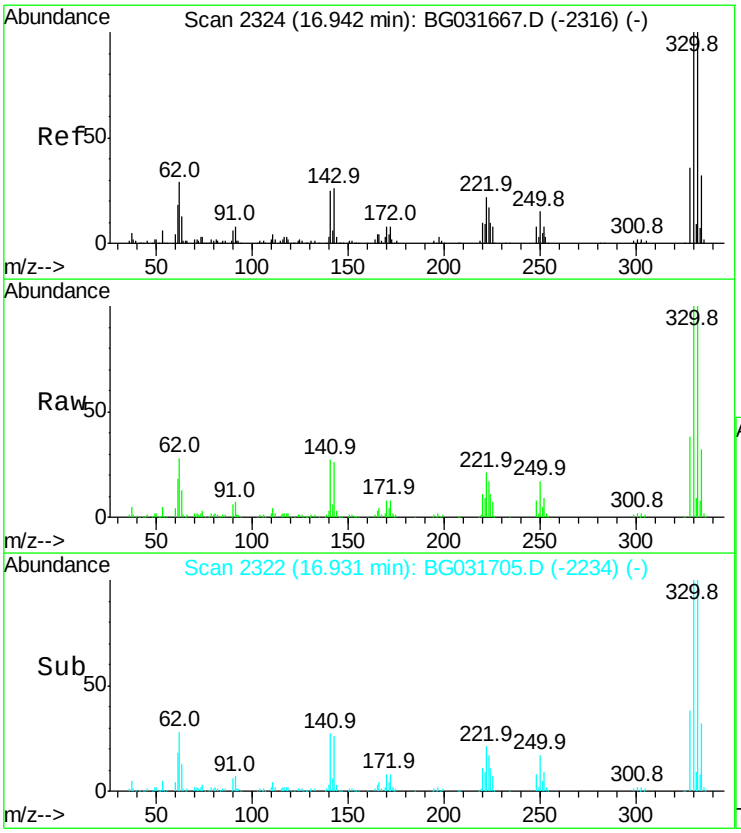
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 172030

Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	45.3	35.4	53.0

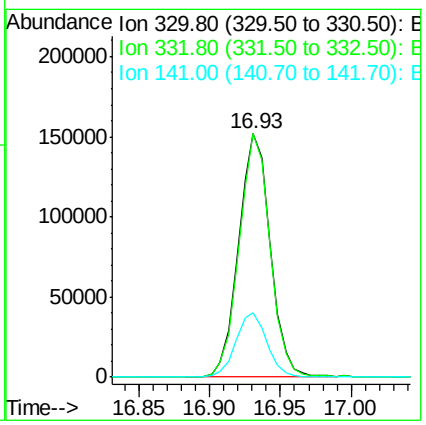


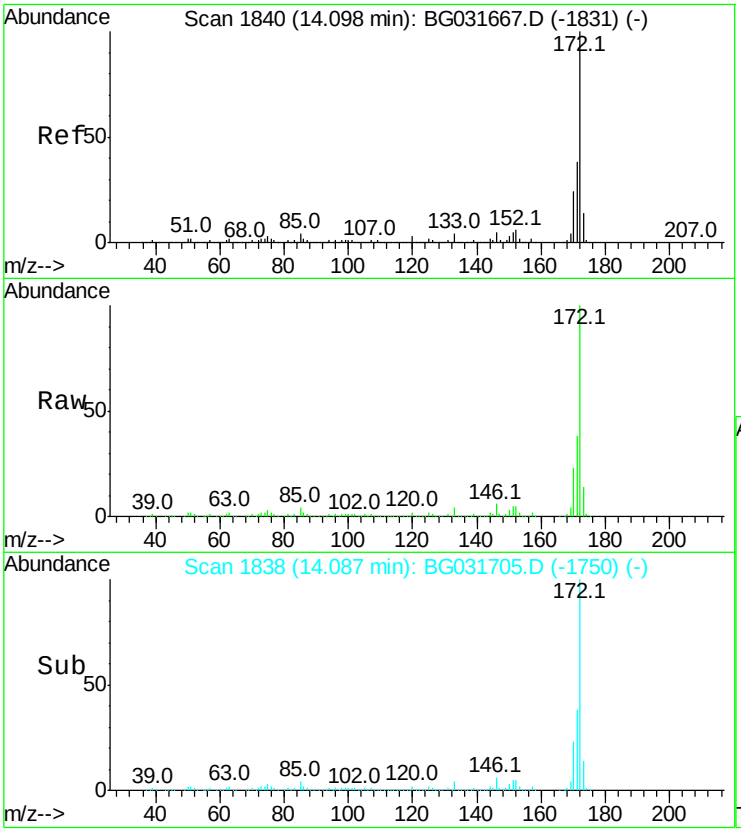


#41
2,4,6-Tribromophenol
Concen: 90.410 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion:330 Resp: 237320

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	26.1	25.2	37.8



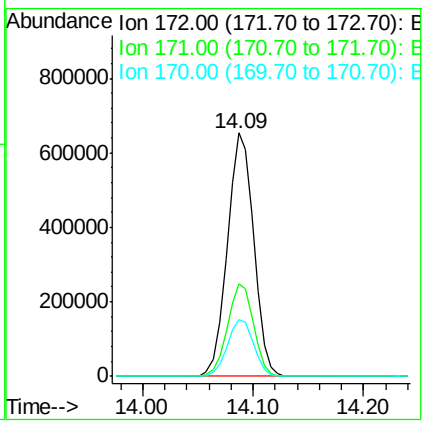


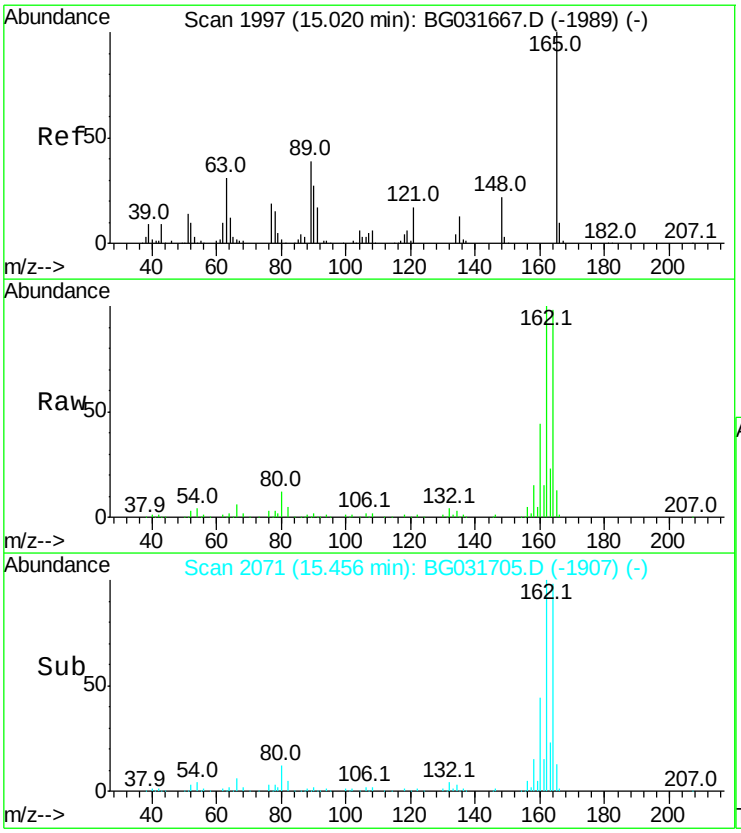
#44
2-Fluorobiphenyl
Concen: 79.543 ng
RT: 14.09 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1090232

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	23.3	19.5	29.3

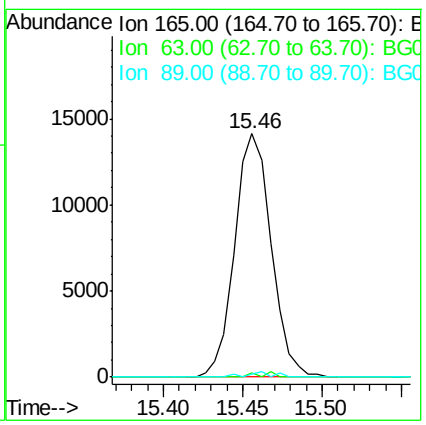


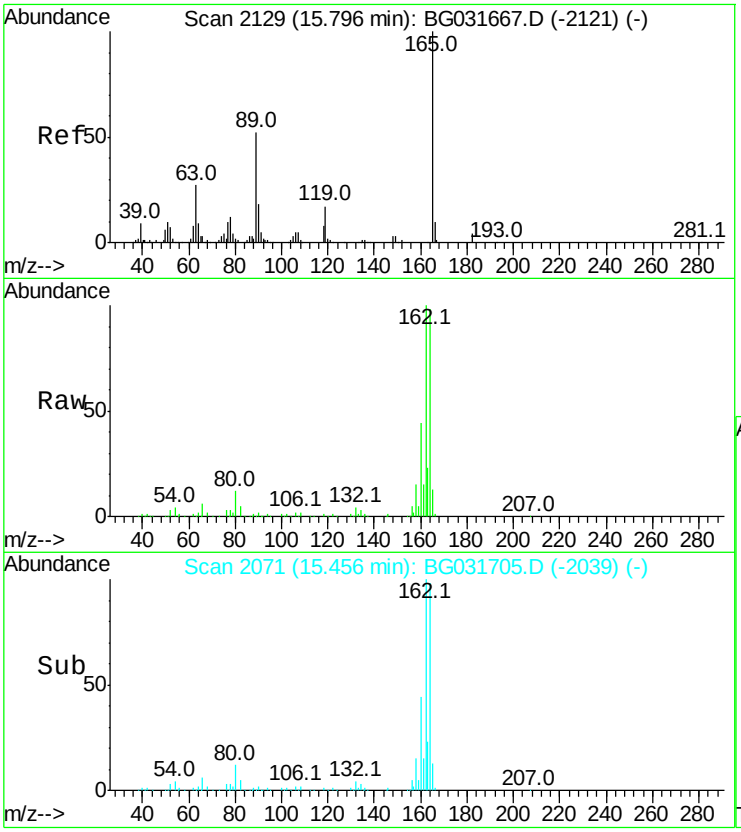


#50
2,6-Dinitrotoluene
Concen: 8.084 ng
RT: 15.46 min Scan# 2071
Delta R.T. 0.44 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion:165 Resp: 22539

Ion	Ratio	Lower	Upper
165	100		
63	1.7	52.7	79.1#
89	1.2	49.2	73.8#



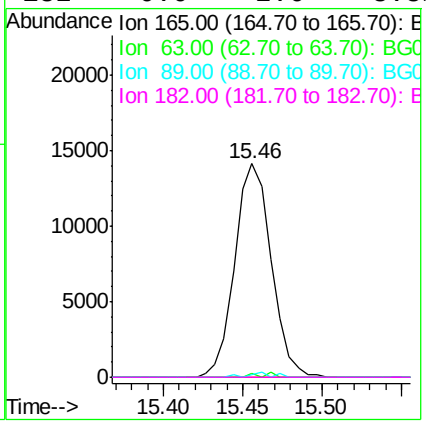


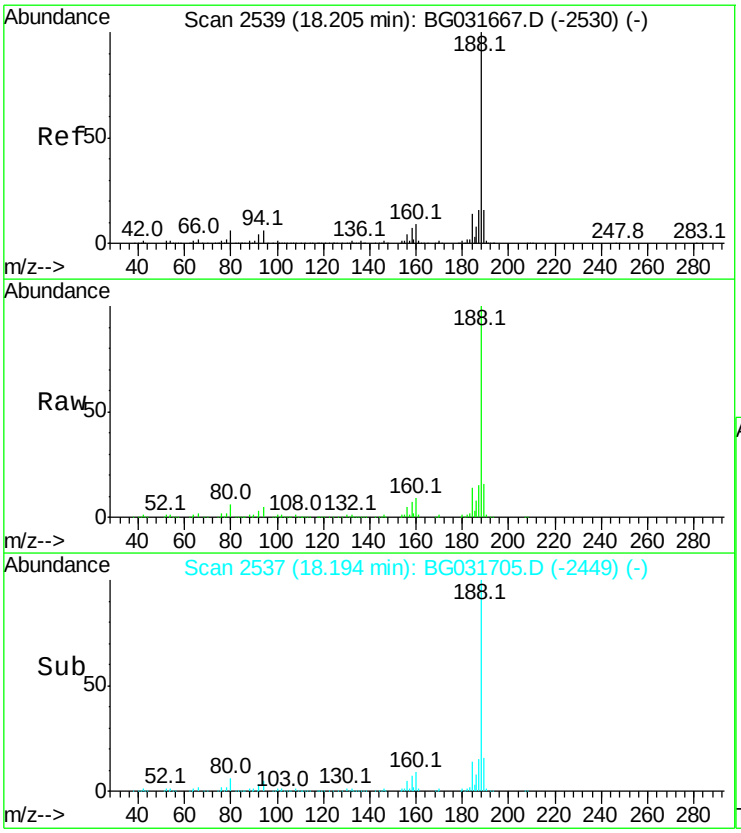
#56
2,4-Dinitrotoluene
Concen: 6.287 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.34 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 22539

Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.0	63.0#
89	1.2	66.9	100.3#
182	0.0	2.6	3.8#

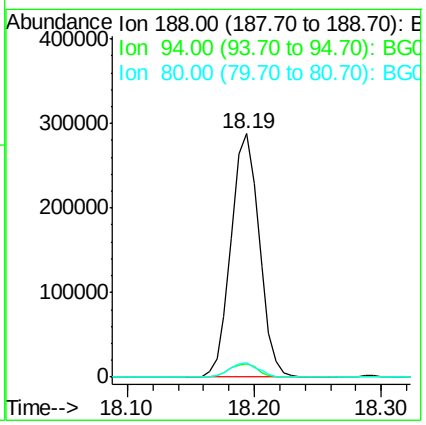


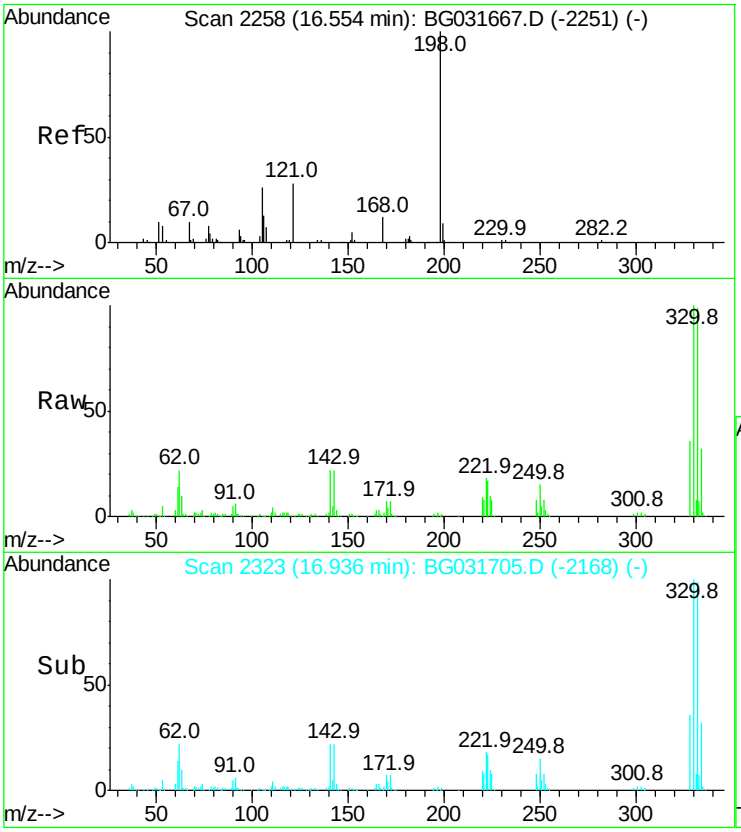


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.19 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion:188 Resp: 443826

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.9	10.3#
80	6.1	7.7	11.5#



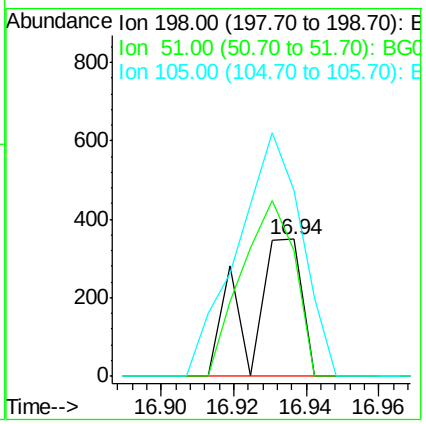


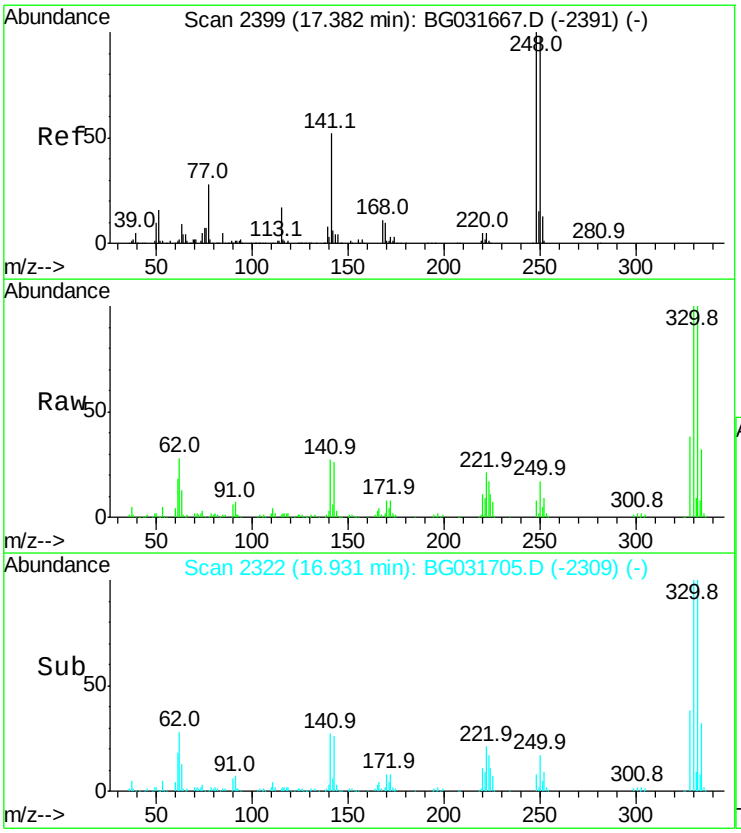
#64
4,6-Dinitro-2-methylphenol
Concen: 8.438 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.38 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 345

Ion	Ratio	Lower	Upper
198	100		
51	91.7	30.6	70.6#
105	136.1	23.8	63.8#

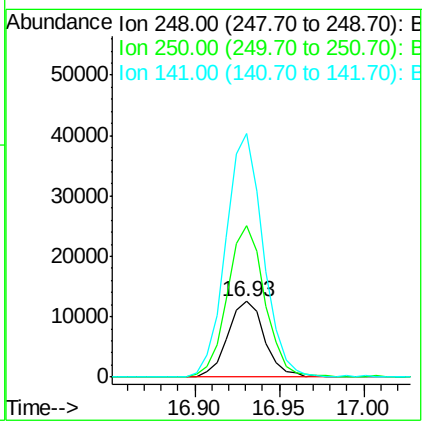


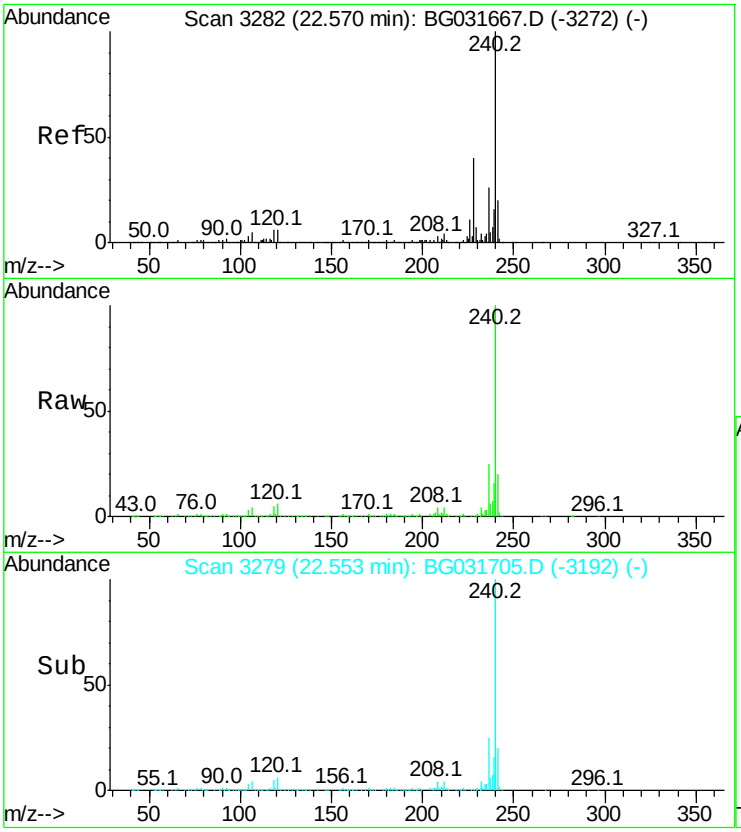


#66
4-Bromophenyl-phenylether
Concen: 2.979 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.45 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion:248 Resp: 19120

Ion	Ratio	Lower	Upper
248	100		
250	200.7	77.1	115.7#
141	321.7	50.8	76.2#



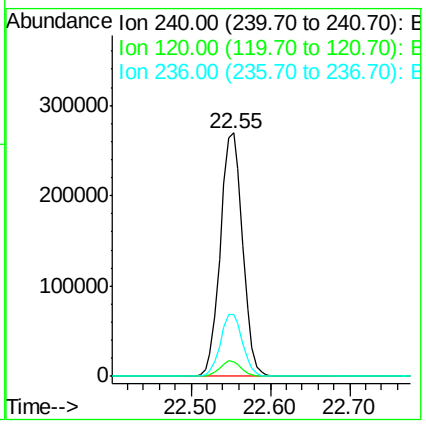


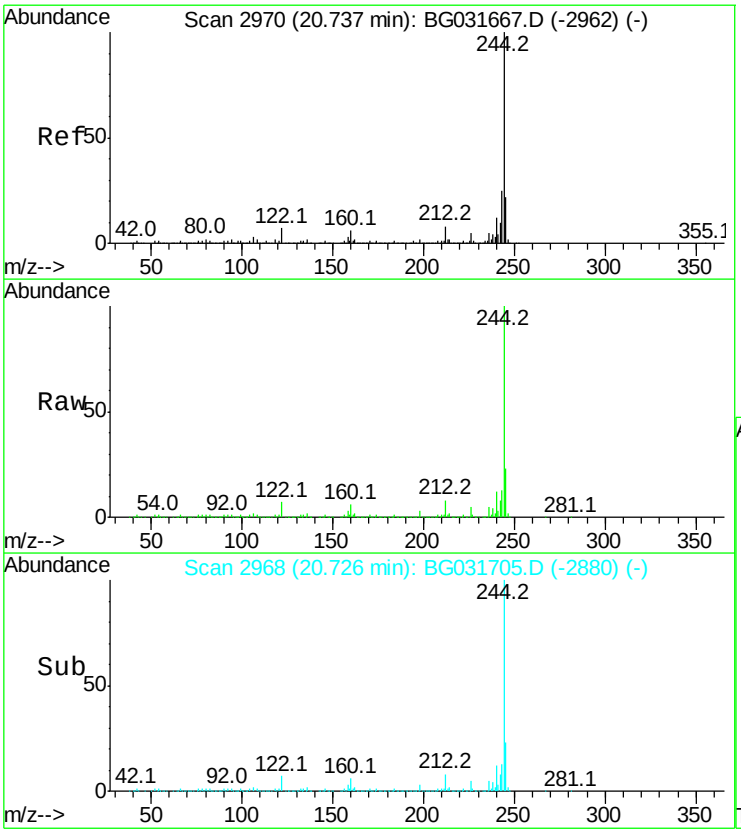
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.02 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 521907

Ion	Ratio	Lower	Upper
240	100		
120	5.9	6.8	10.2#
236	25.4	20.9	31.3

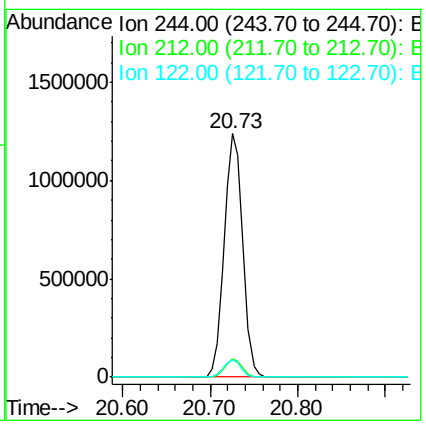


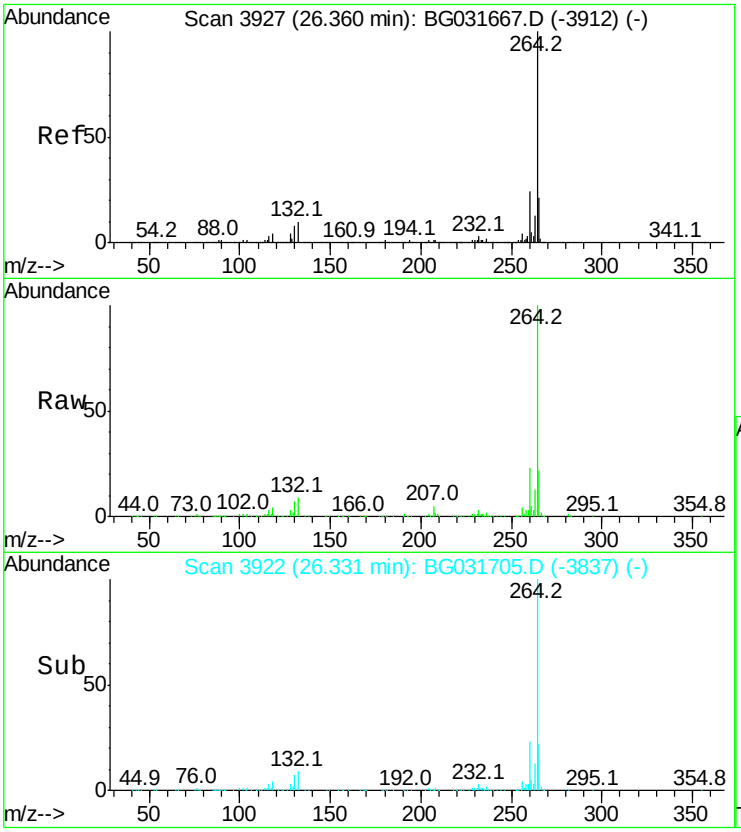


#78
Terphenyl-d14
Concen: 78.755 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Tgt Ion:244 Resp: 1799091

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	7.1	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.03 min
Lab File: BG031705.D
Acq: 22 Dec 2017 11:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 550216

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	22.0	17.7	26.5