Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033982.D
Acq On : 25 Apr 2018 10:01
Operator : SJ/JU
Sample : J2508-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 11:54:41 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	85443	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	348512	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	217095	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	544867	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	602005	20.00	ng	-0.02
86) Perylene-d12	24.52	264	605563	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	641914	119.94	ng	0.00
7) Phenol-d6	7.00	99	755053	96.73	ng	0.00
23) Nitrobenzene-d5	8.98	82	574580	93.82	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	367758	145.20	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1359116	91.97	ng	-0.02
78) Terphenyl-d14	19.85	244	2288393	85.40	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	7.00	77	1436	Below Cal	#	18
19) n-Nitroso-di-n-propylamine	8.98	70	78801	11.843	ng	# 78
32) Benzoic acid	9.92	122	311	5.141	ng	# 66
50) 2,6-Dinitrotoluene	14.46	165	28299	7.820	ng	# 21
56) 2,4-Dinitrotoluene	14.46	165	28299	5.880	ng	# 18
64) 4,6-Dinitro-2-methylphenol	15.94	198	1221	6.892	ng	# 51
66) 4-Bromophenyl-phenylether	15.95	248	23984	4.008	ng	# 1

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

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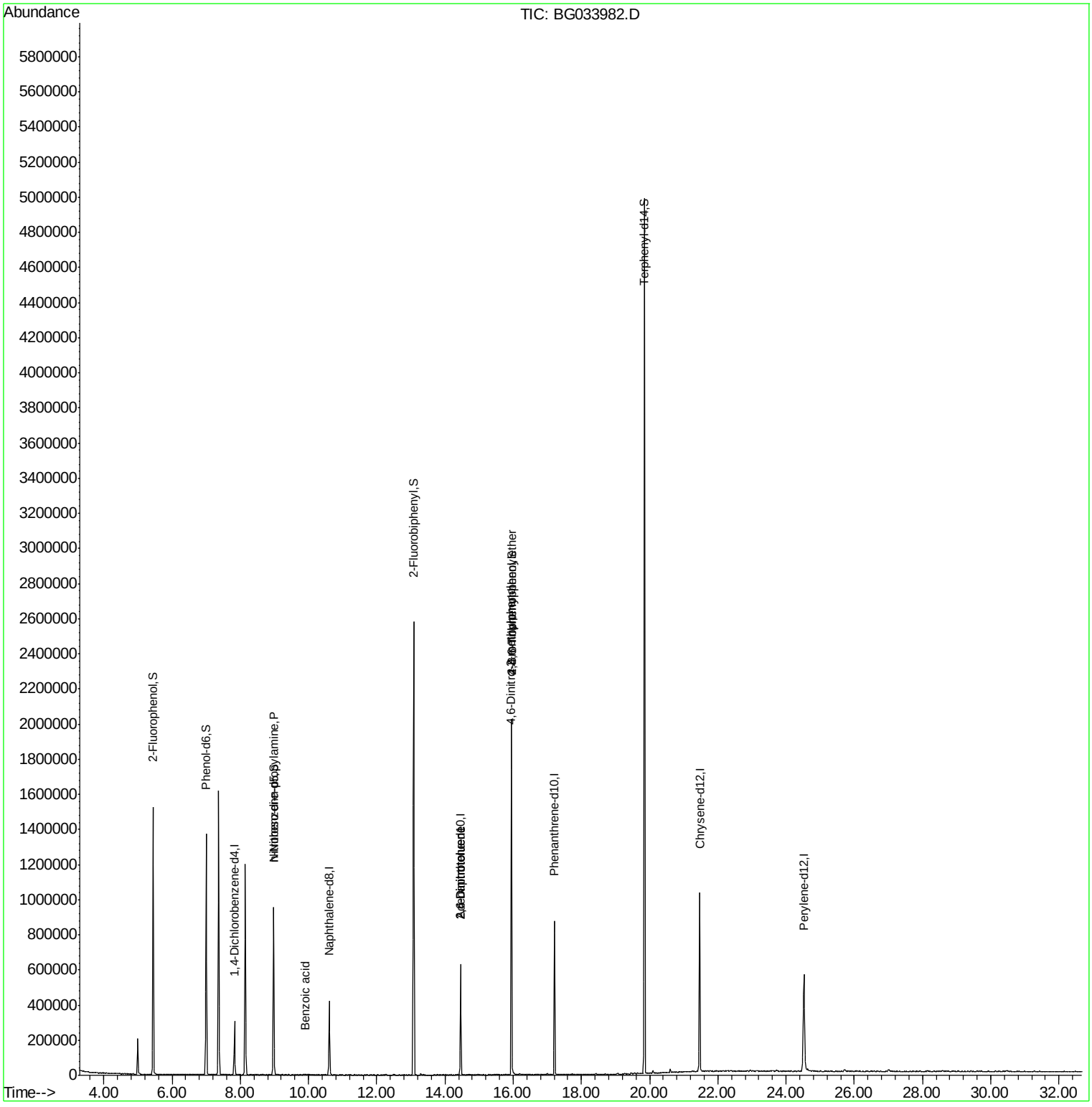
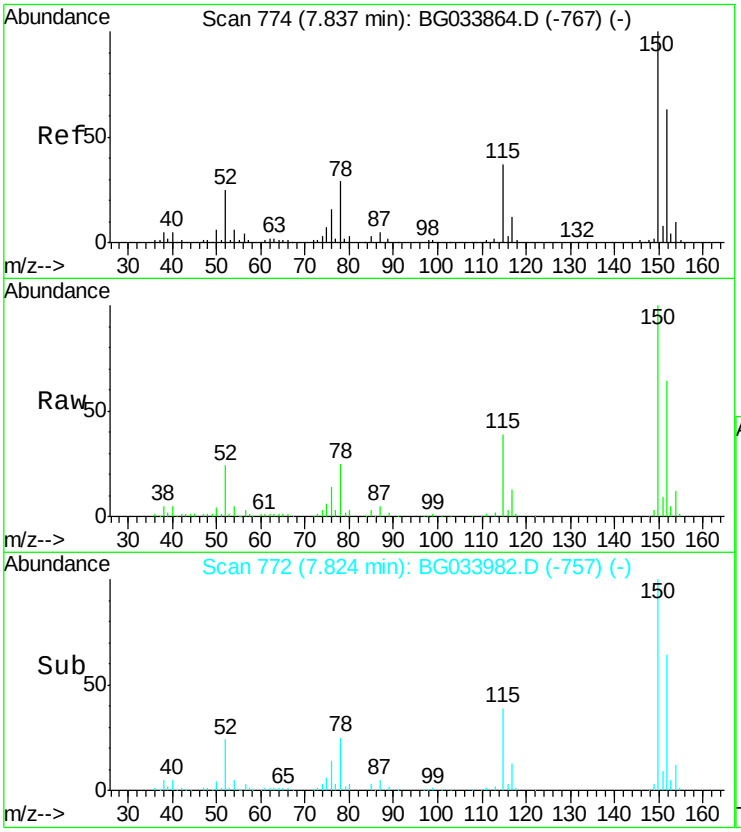


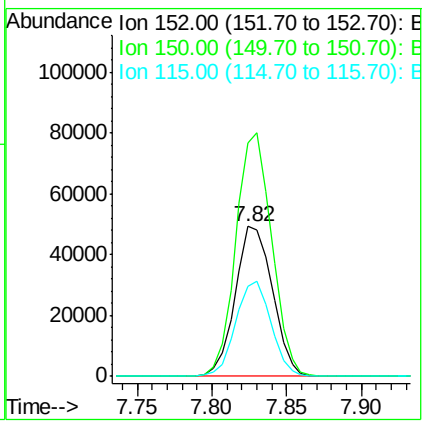


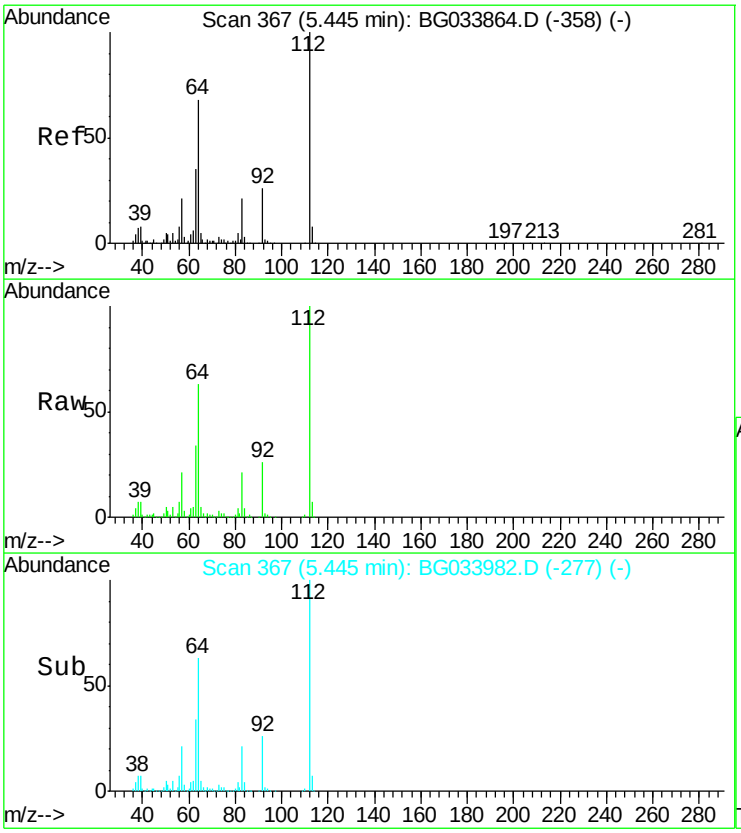
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 85443

Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	60.0	53.0	79.4

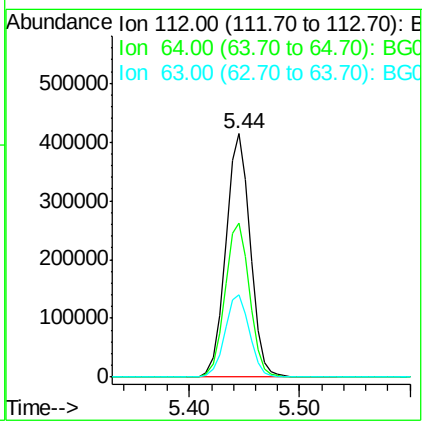


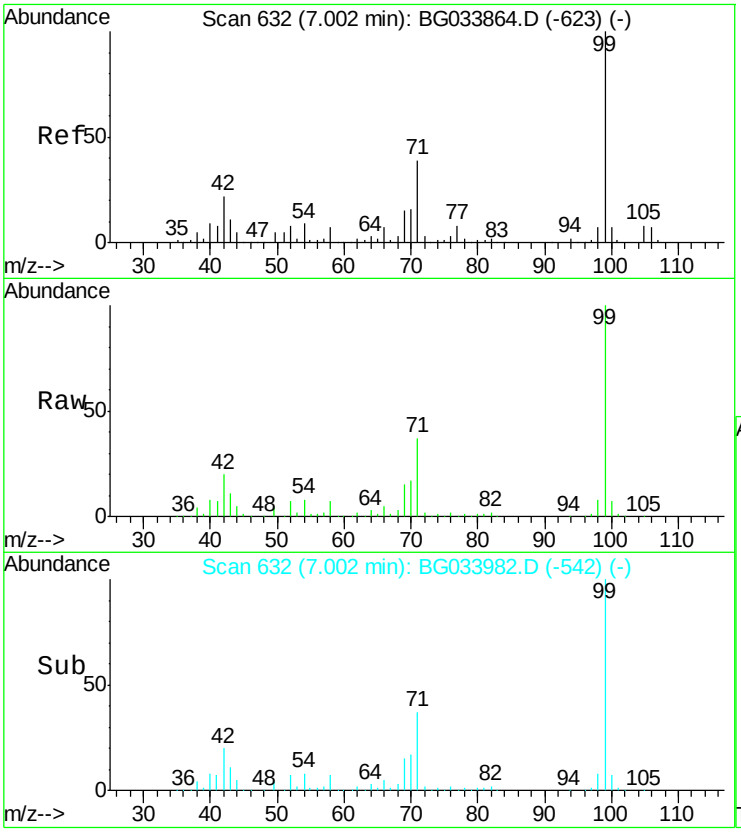


#5
2-Fluorophenol
Concen: 119.944 ng
RT: 5.44 min Scan# 367
Delta R.T. -0.00 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:112 Resp: 641914

Ion	Ratio	Lower	Upper
112	100		
64	63.3	56.3	84.5
63	34.0	30.1	45.1



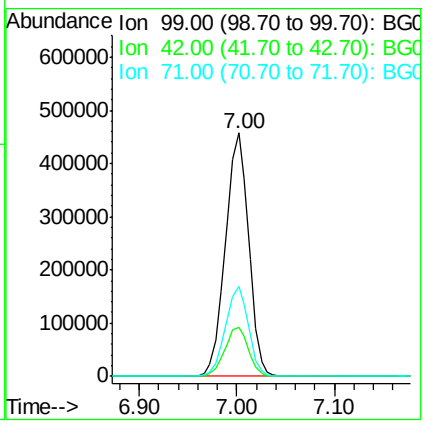


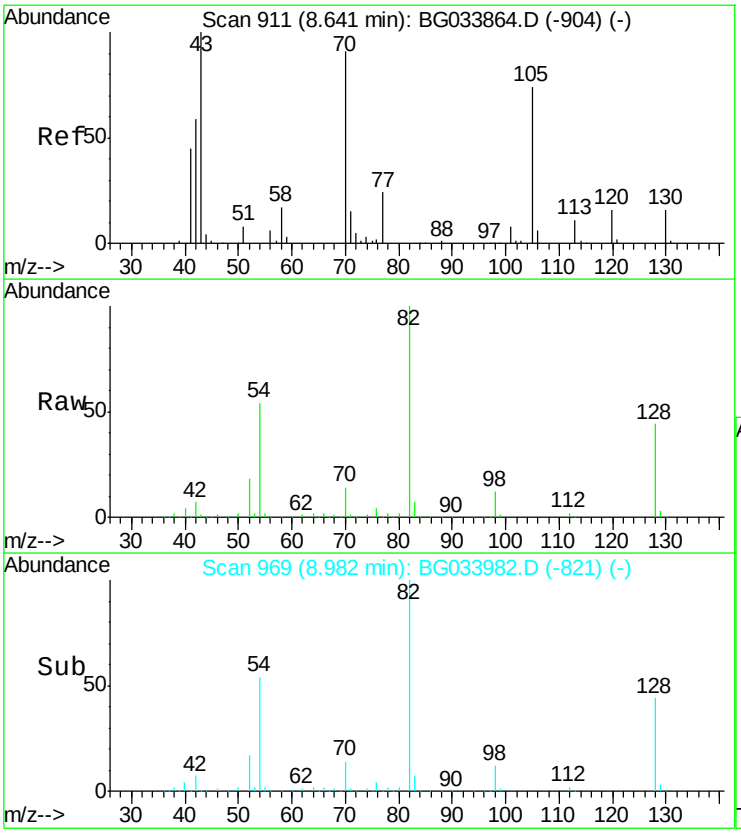
#7
Phenol-d6
Concen: 96.729 ng
RT: 7.00 min Scan# 632
Delta R.T. -0.00 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 755053

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.1	21.1
71	37.2	26.1	39.1

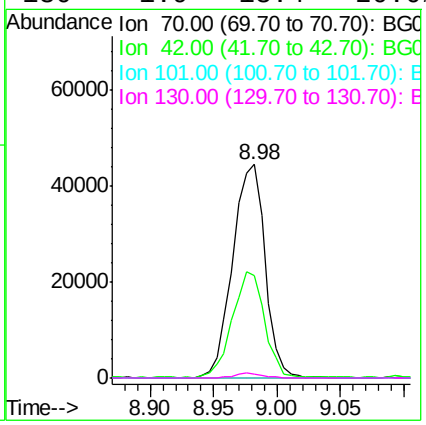


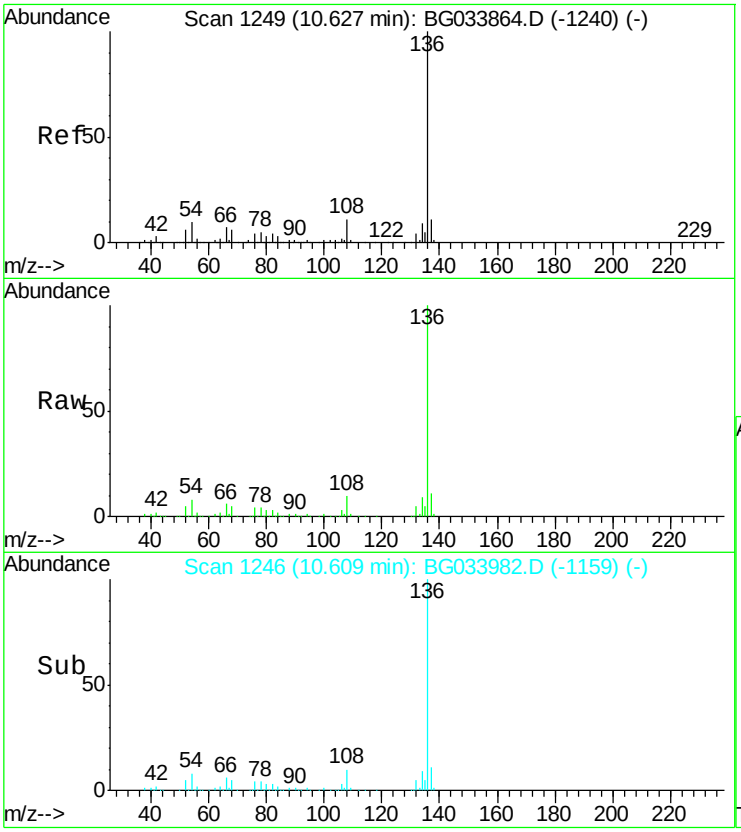


#19
n-Nitroso-di-n-propylamine
Concen: 11.843 ng
RT: 8.98 min Scan# 969
Delta R.T. 0.34 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion: 70 Resp: 78801

Ion	Ratio	Lower	Upper
70	100		
42	48.2	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



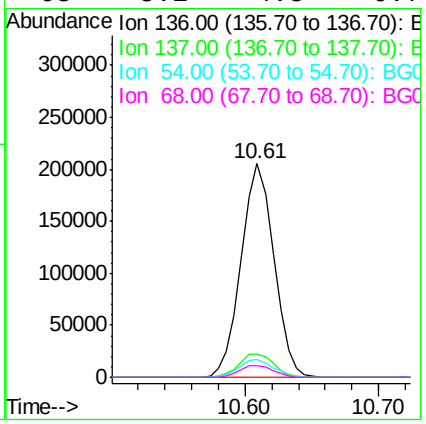


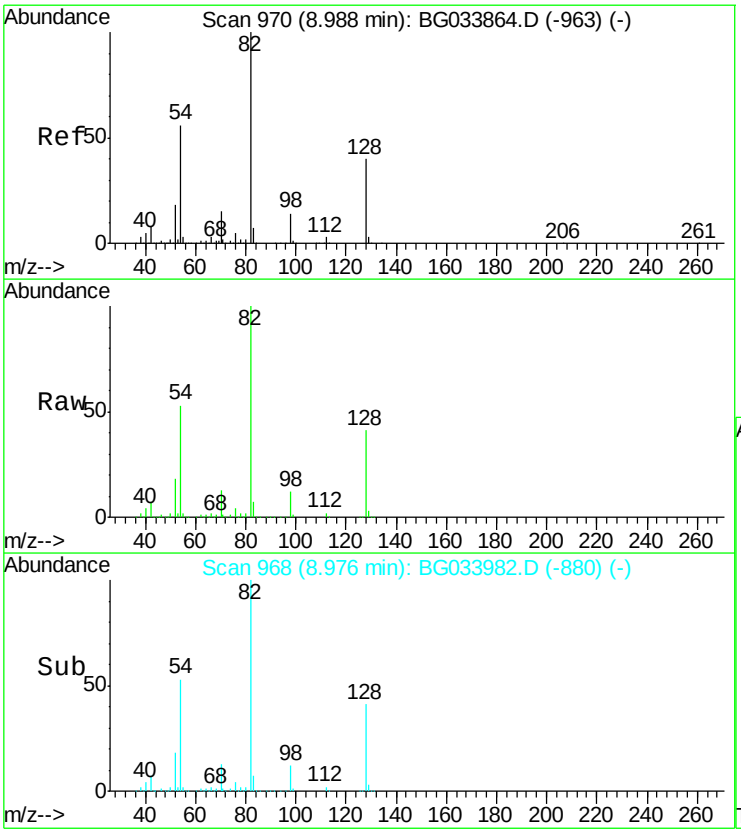
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 348512

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	8.1	10.3	15.5#
68	5.2	4.5	6.7

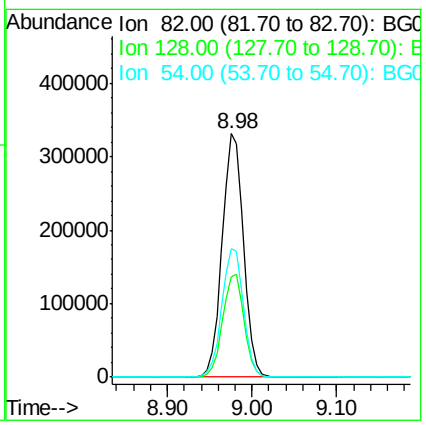


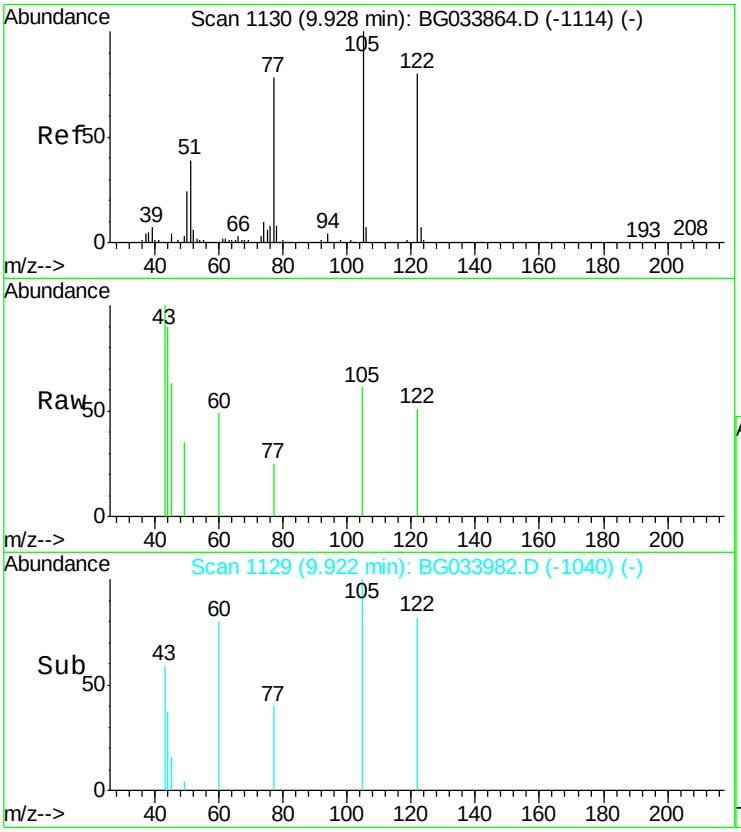


#23
Nitrobenzene-d5
Concen: 93.825 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion: 82 Resp: 574580

Ion	Ratio	Lower	Upper
82	100		
128	41.2	29.7	44.5
54	52.6	43.1	64.7



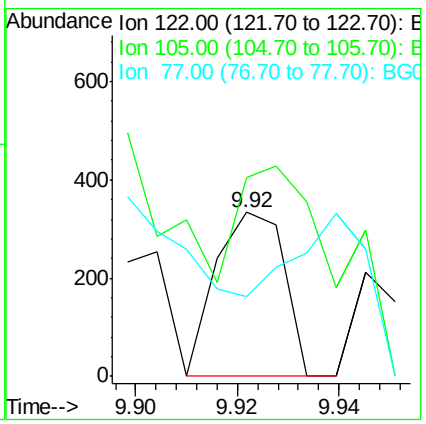


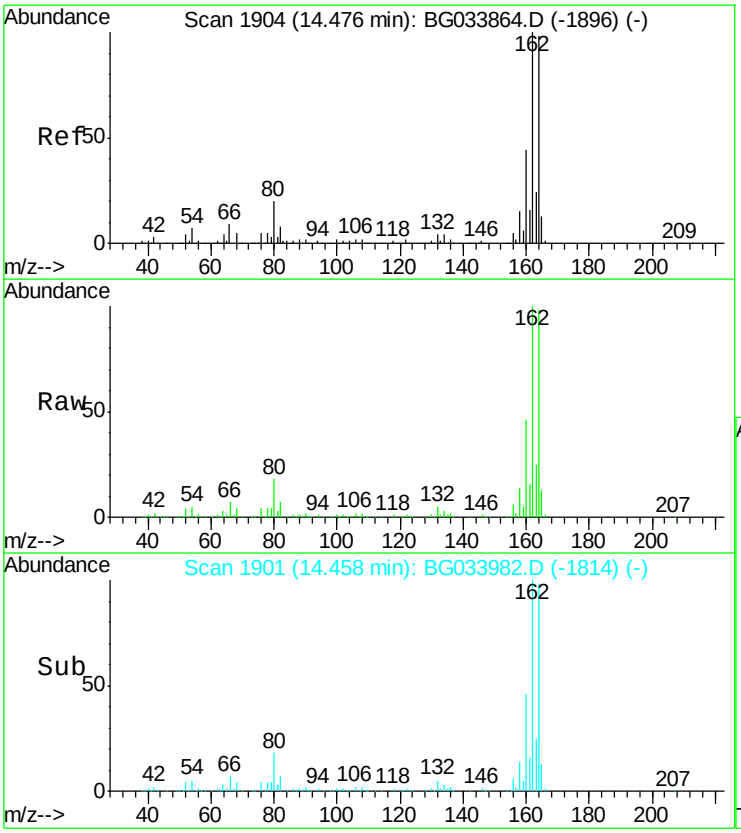
#32
Benzoic acid
Concen: 5.141 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 311

Ion	Ratio	Lower	Upper
122	100		
105	121.3	123.5	163.5#
77	48.5	85.7	125.7#

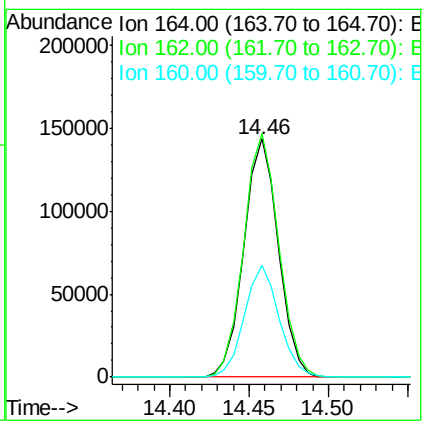


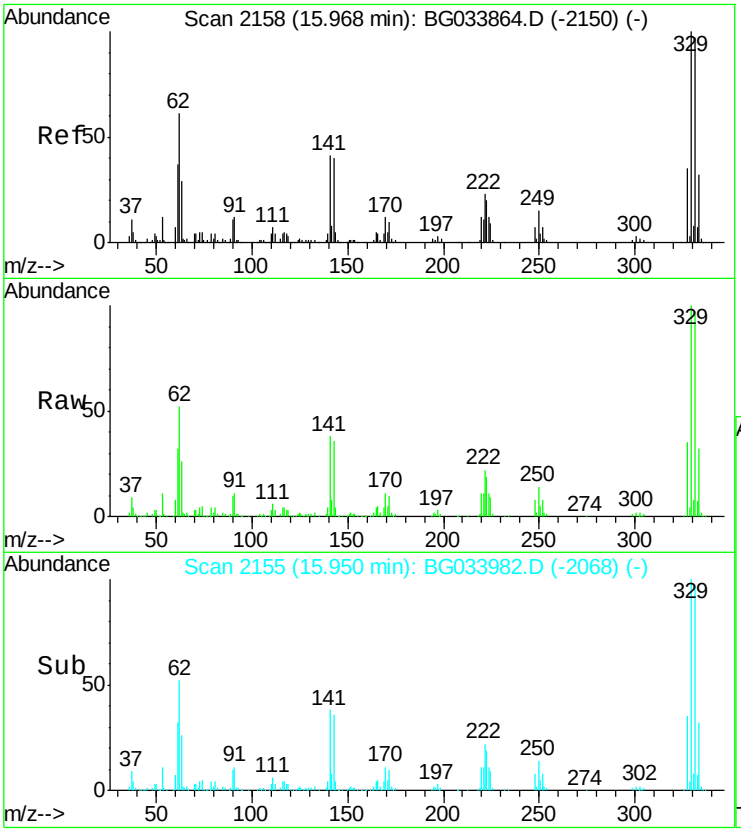


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:164 Resp: 217095

Ion	Ratio	Lower	Upper
164	100		
162	102.1	78.8	118.2
160	47.1	35.4	53.0



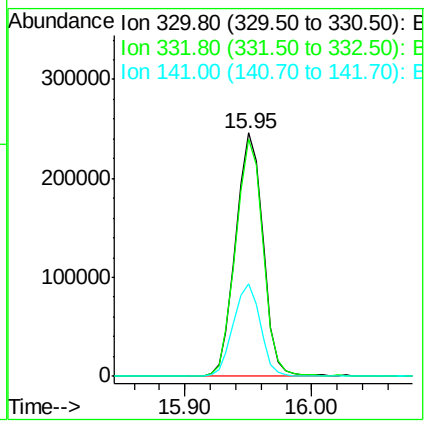


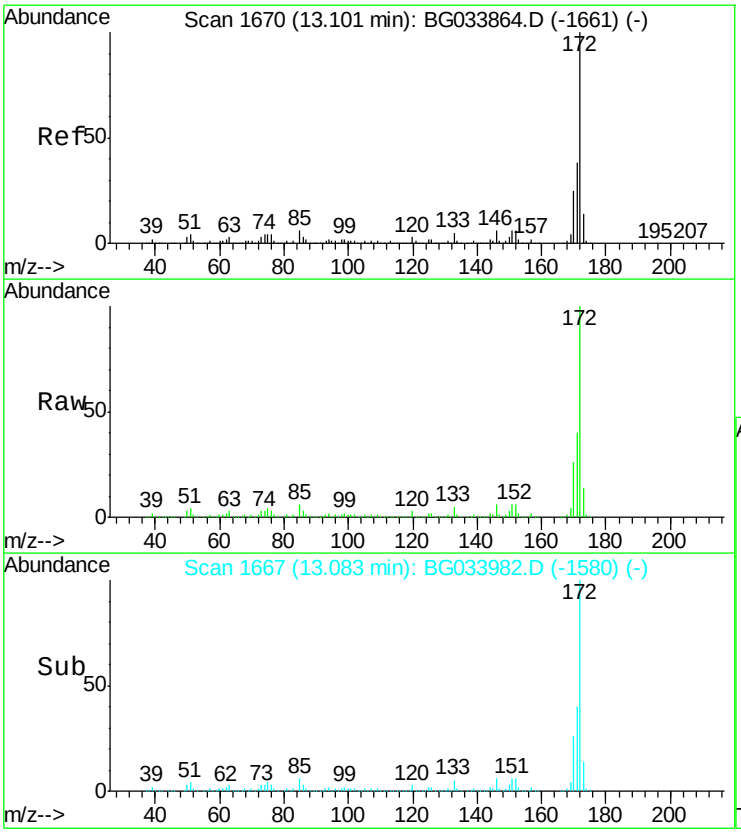
#41
2,4,6-Tribromophenol
Concen: 145.200 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 367758

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	37.6	25.2	37.8

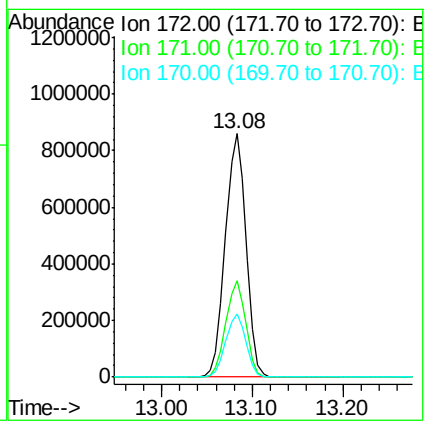


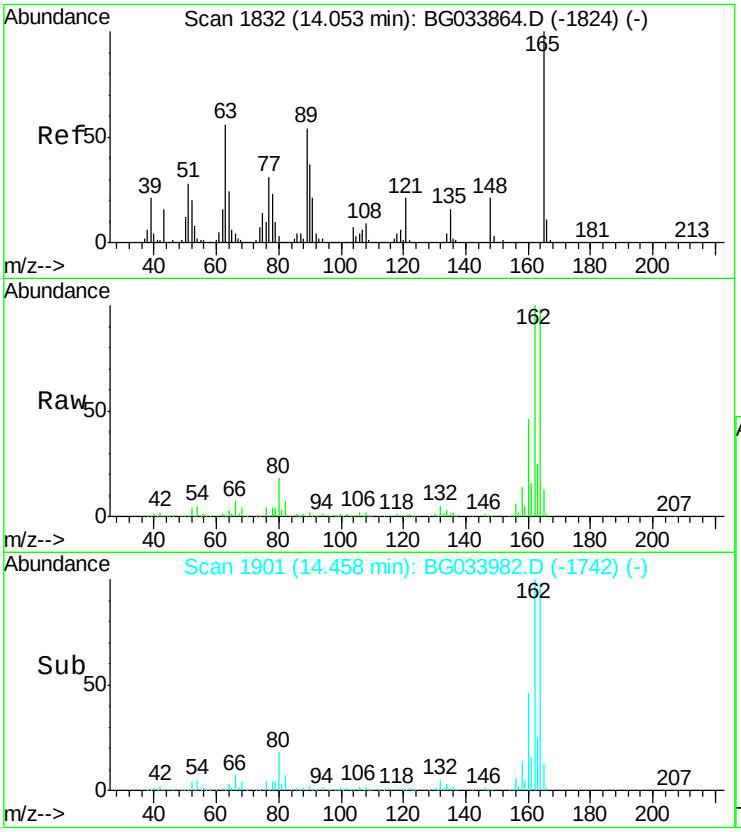


#44
2-Fluorobiphenyl
Concen: 91.968 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:172 Resp: 1359116

Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	25.8	19.5	29.3



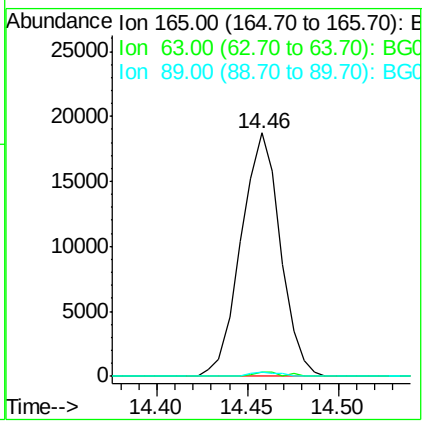


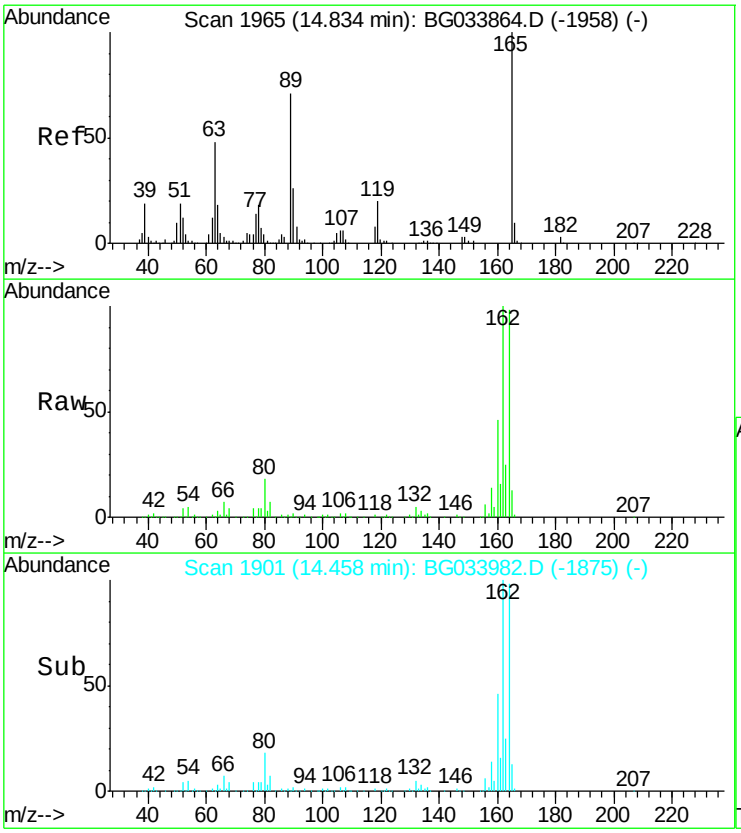
#50
2,6-Dinitrotoluene
Concen: 7.820 ng
RT: 14.46 min Scan# 1901
Delta R.T. 0.40 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 28299

Ion	Ratio	Lower	Upper
165	100		
63	1.6	52.7	79.1#
89	1.8	49.2	73.8#

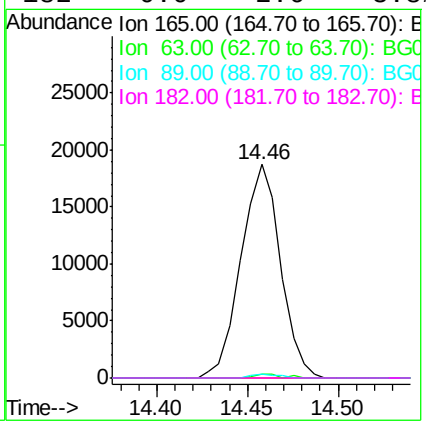


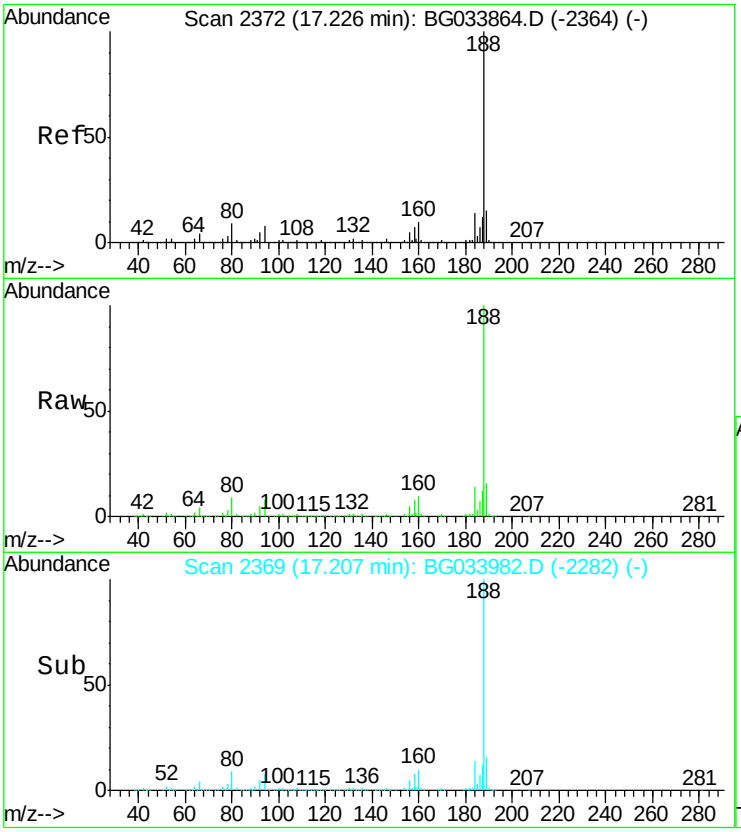


#56
2,4-Dinitrotoluene
Concen: 5.880 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.38 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:165 Resp: 28299

Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#



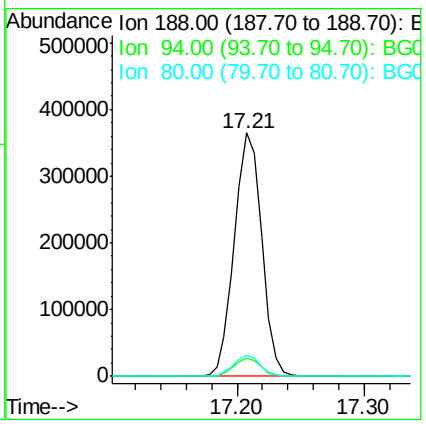


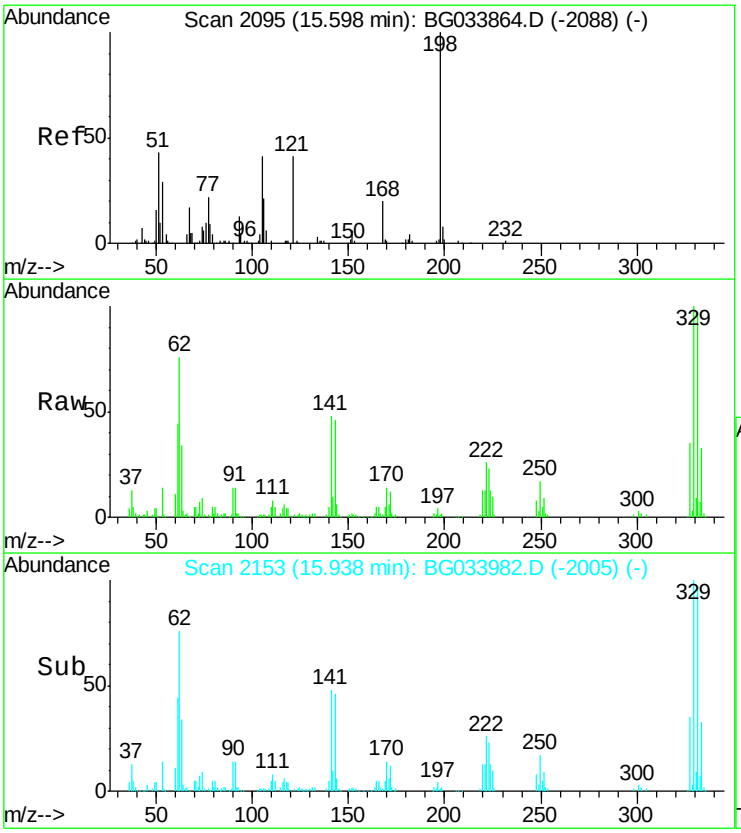
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 544867

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.7	7.7	11.5

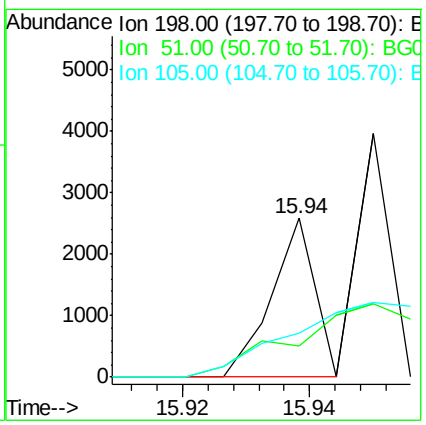


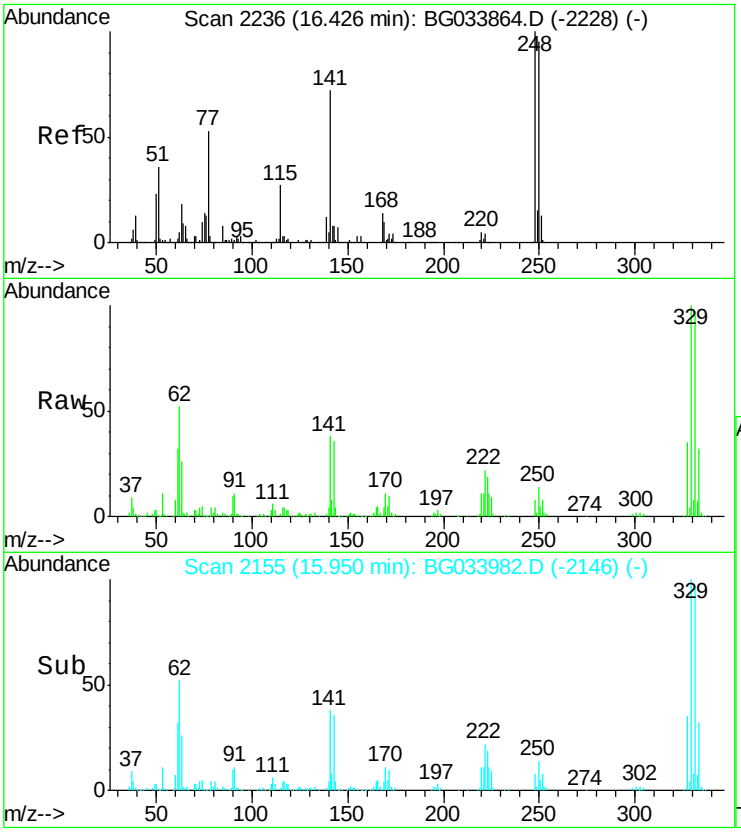


#64
4,6-Dinitro-2-methylphenol
Concen: 6.892 ng
RT: 15.94 min Scan# 2153
Delta R.T. 0.34 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:198 Resp: 1221

Ion	Ratio	Lower	Upper
198	100		
51	19.5	30.6	70.6#
105	79.0	23.8	63.8#



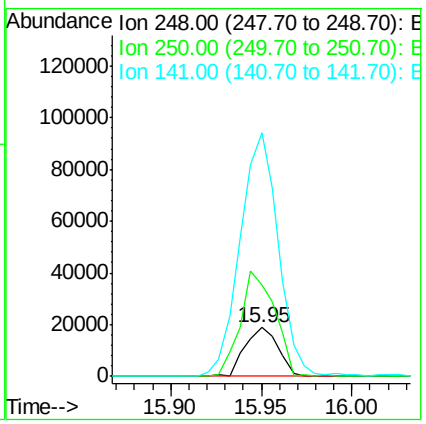


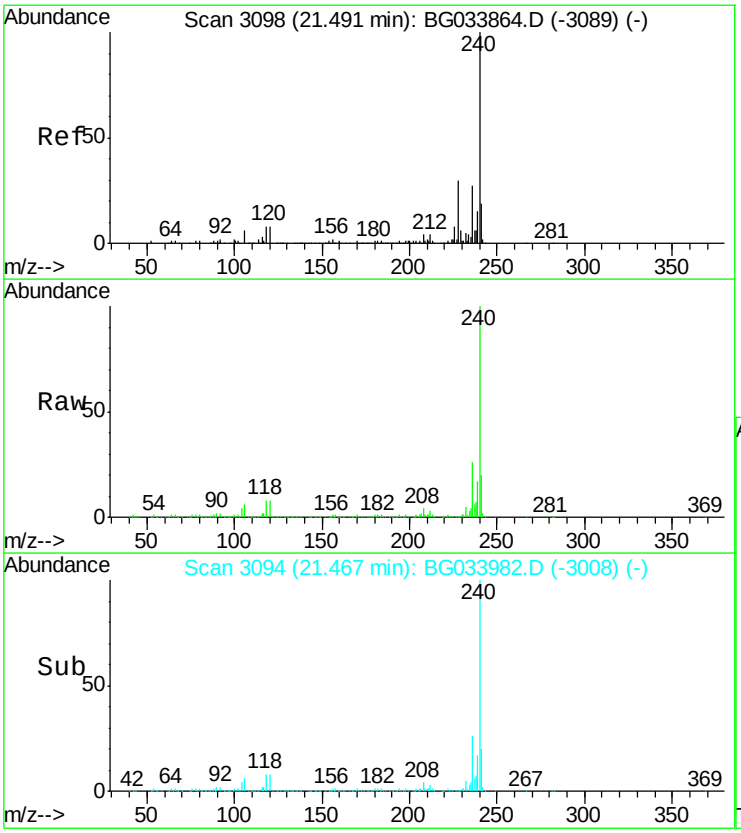
#66
4-Bromophenyl-phenylether
Concen: 4.008 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.48 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23984

Ion	Ratio	Lower	Upper
248	100		
250	187.3	77.1	115.7#
141	379.0	50.8	76.2#

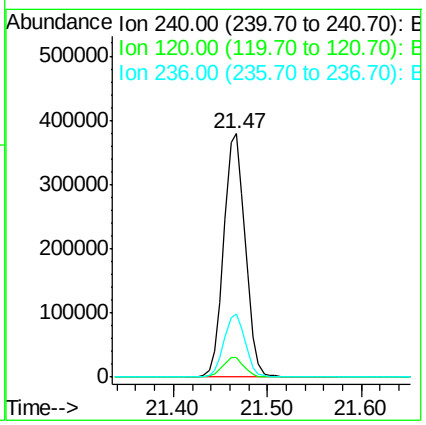


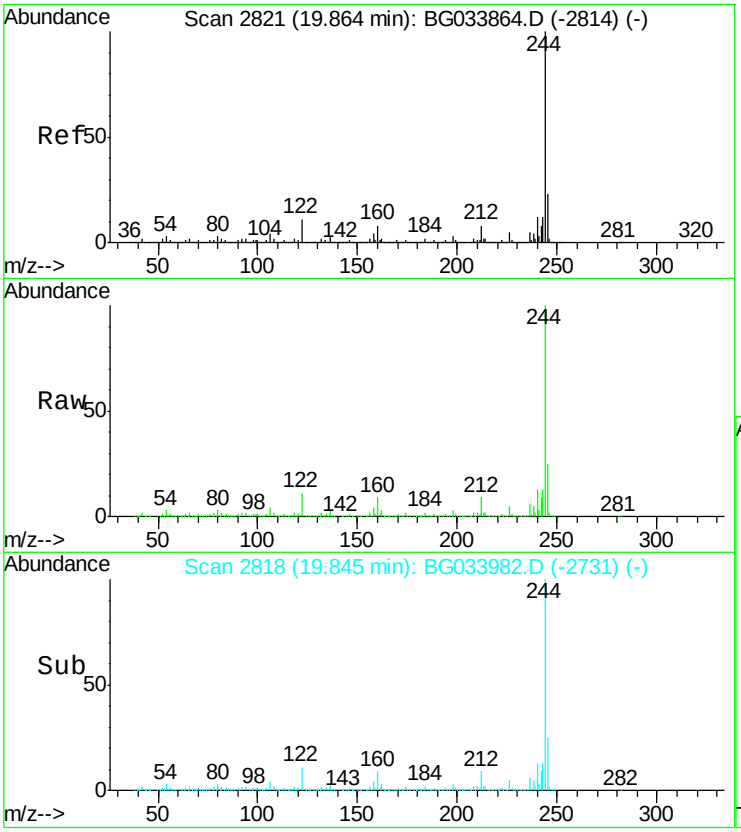


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:240 Resp: 602005

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	25.8	20.9	31.3



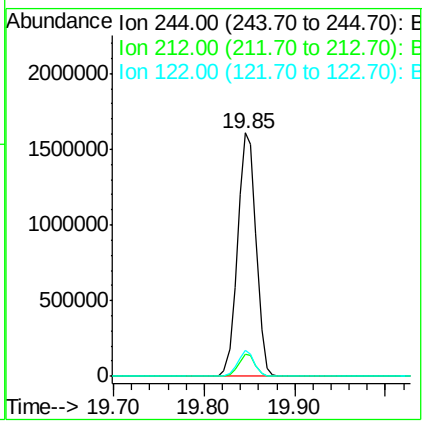


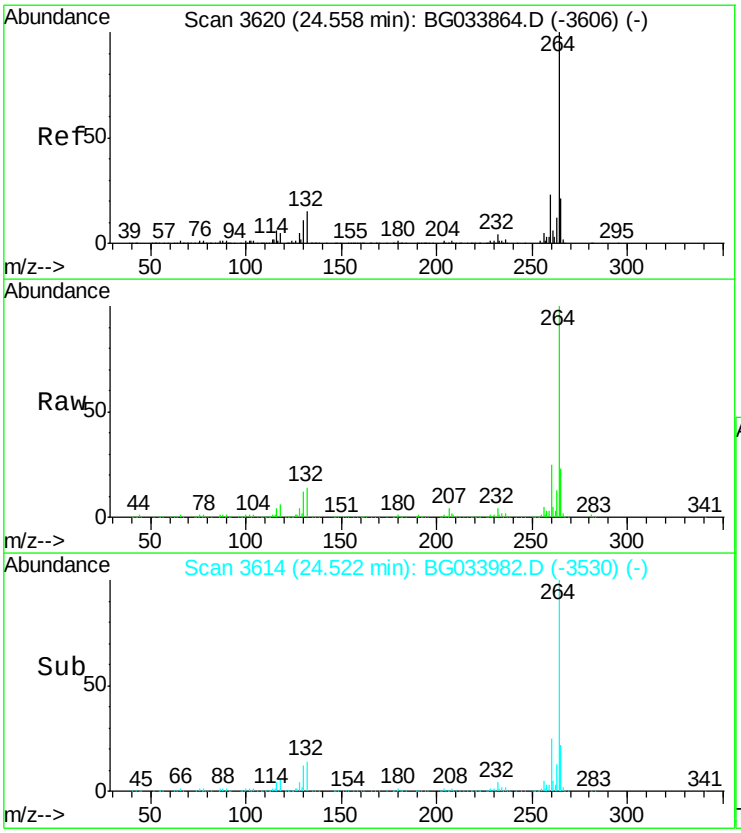
#78
Terphenyl-d14
Concen: 85.400 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2288393

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.7	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.04 min
Lab File: BG033982.D
Acq: 25 Apr 2018 10:01

Tgt Ion:264 Resp: 605563

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	22.5	17.7	26.5