Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062718\
Data File : BG035470.D
Acq On : 28 Jun 2018 7:52
Operator : JU/SJ
Sample : J3048-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 28 08:32:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50132	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	185186	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	131140	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	336392	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	382200	20.00	ng	-0.03
86) Perylene-d12	24.90	264	336568	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	402061	135.35	ng	-0.01
7) Phenol-d6	7.21	99	532822	121.53	ng	-0.01
23) Nitrobenzene-d5	9.22	82	423300	108.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	232427	138.45	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	979153	97.06	ng	-0.03
78) Terphenyl-d14	20.03	244	1724296	94.50	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.21	70	57578	15.458	ng	# 70
50) 2,6-Dinitrotoluene	14.67	165	18956	9.086	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	18956	6.840	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	17737	4.378	ng	# 1

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

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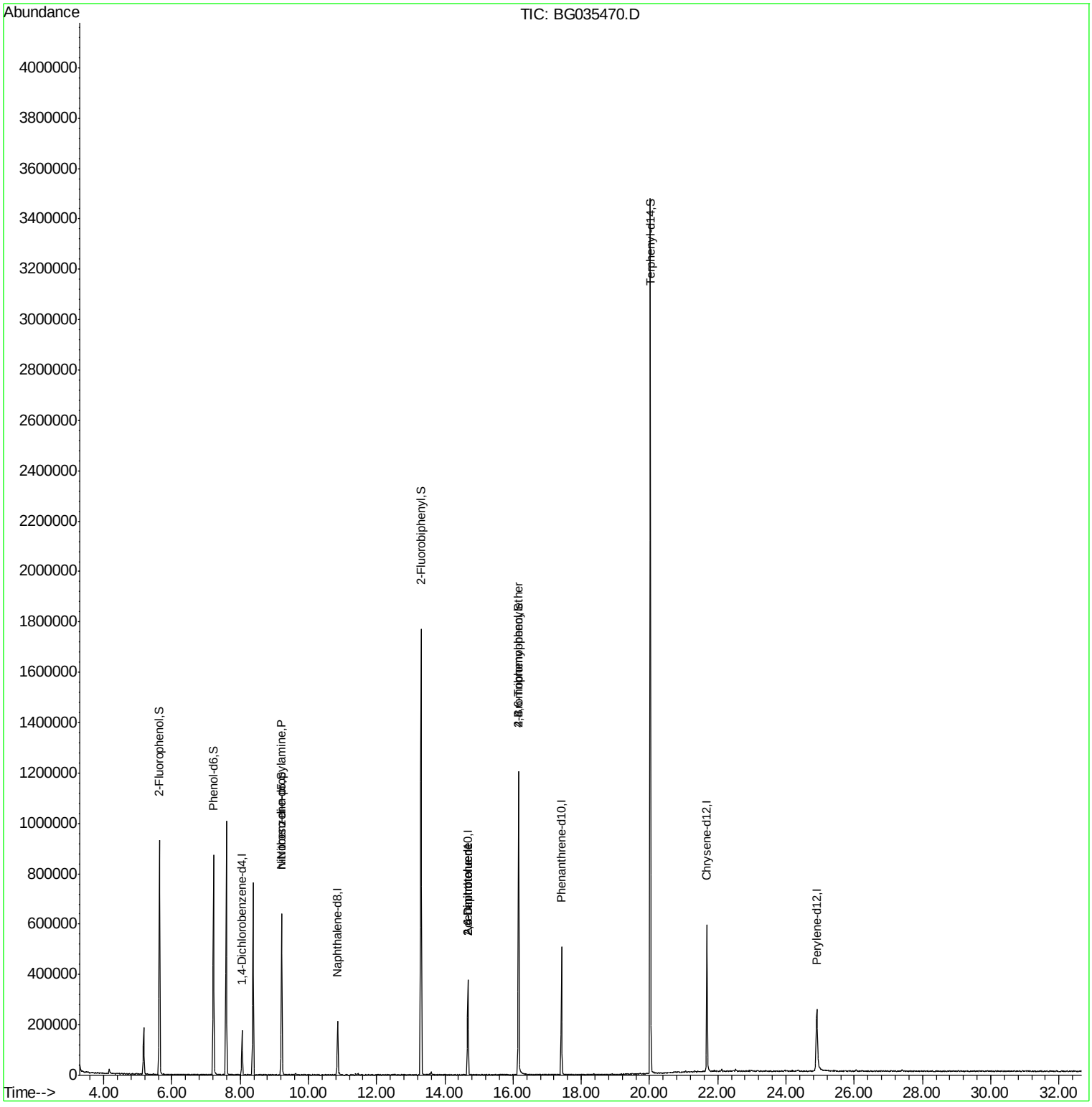
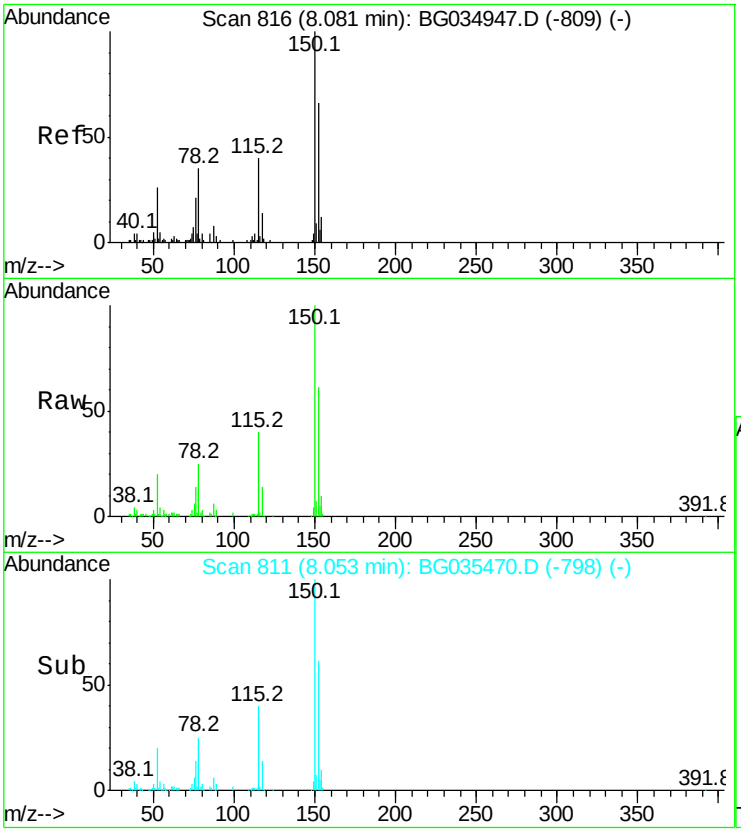


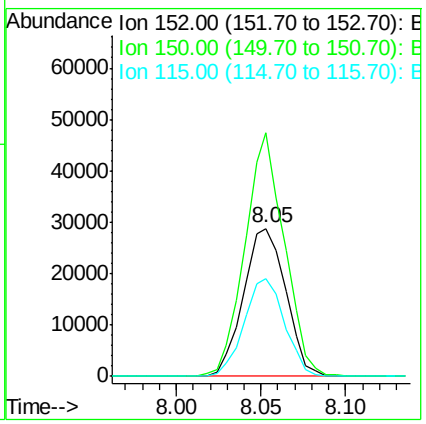


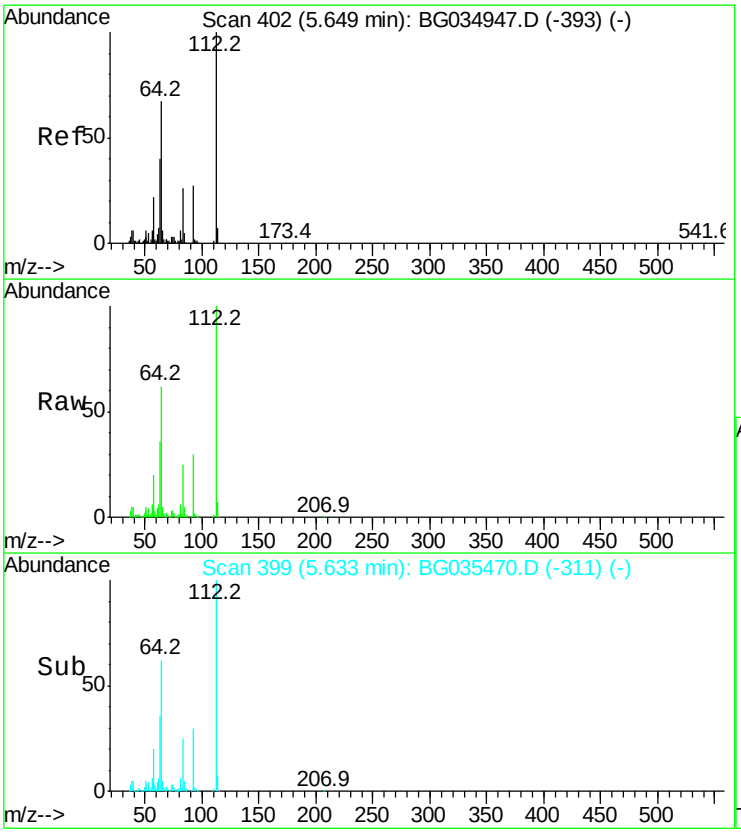
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 50132

Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.6	189.8
115	65.6	53.0	79.4

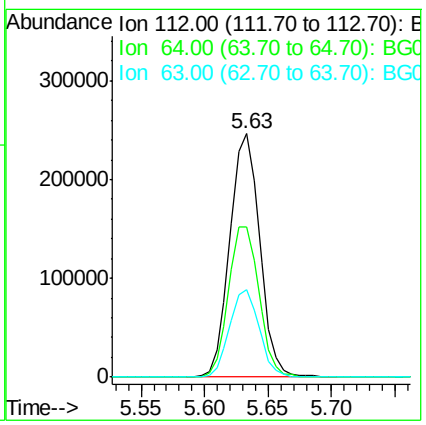


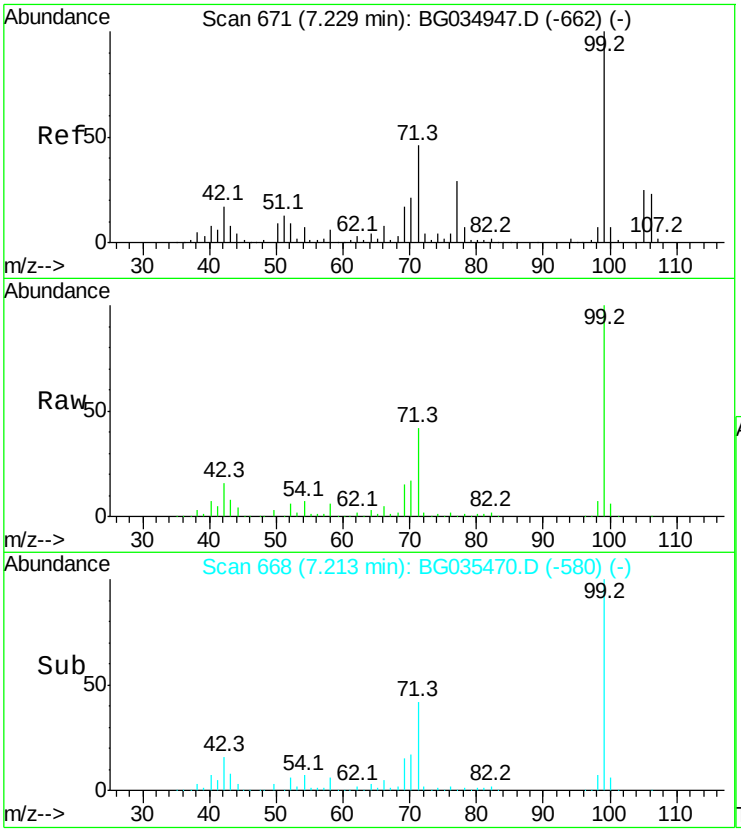


#5
2-Fluorophenol
Concen: 135.347 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:112 Resp: 402061

Ion	Ratio	Lower	Upper
112	100		
64	61.7	56.3	84.5
63	35.8	30.1	45.1



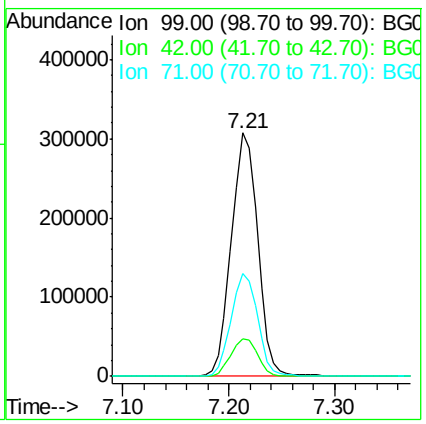


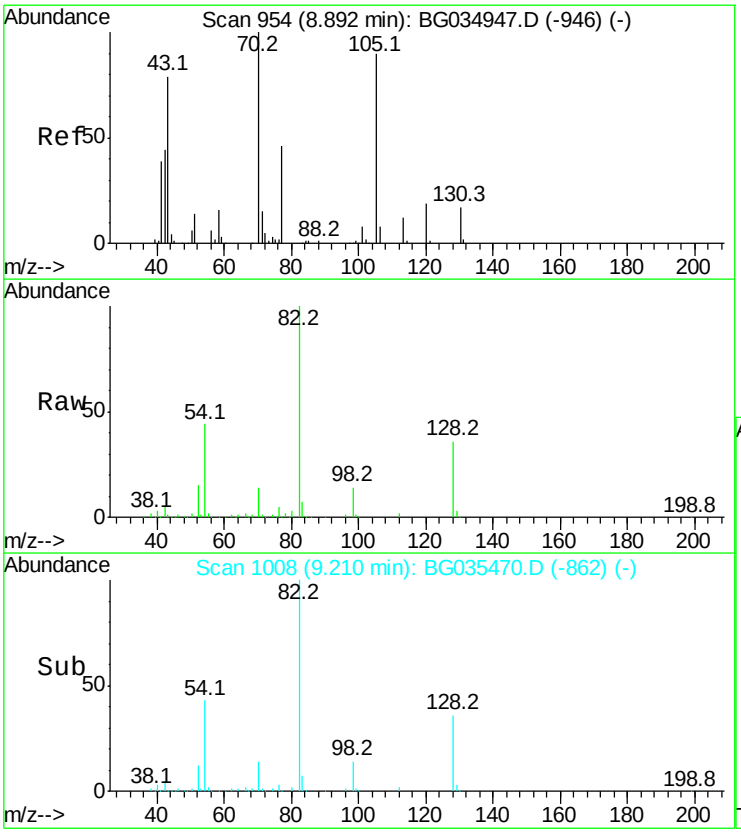
#7
Phenol-d6
Concen: 121.526 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 532822

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	42.2	26.1	39.1#

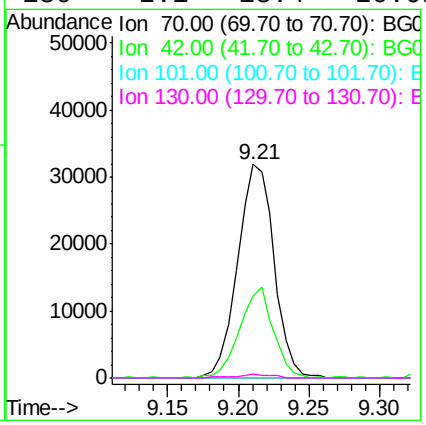


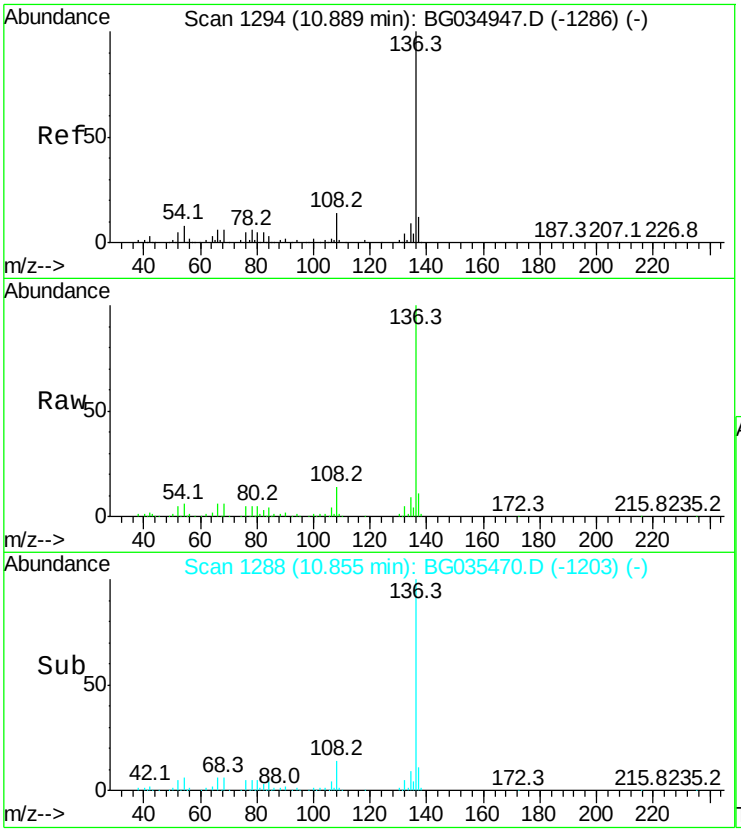


#19
n-Nitroso-di-n-propylamine
Concen: 15.458 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion: 70 Resp: 57578

Ion	Ratio	Lower	Upper
70	100		
42	38.6	49.1	73.7#
101	0.0	8.5	12.7#
130	2.1	13.4	20.0#



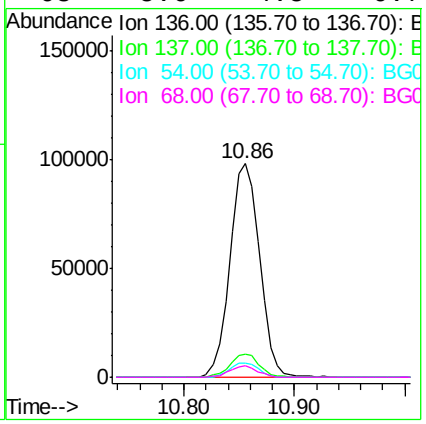


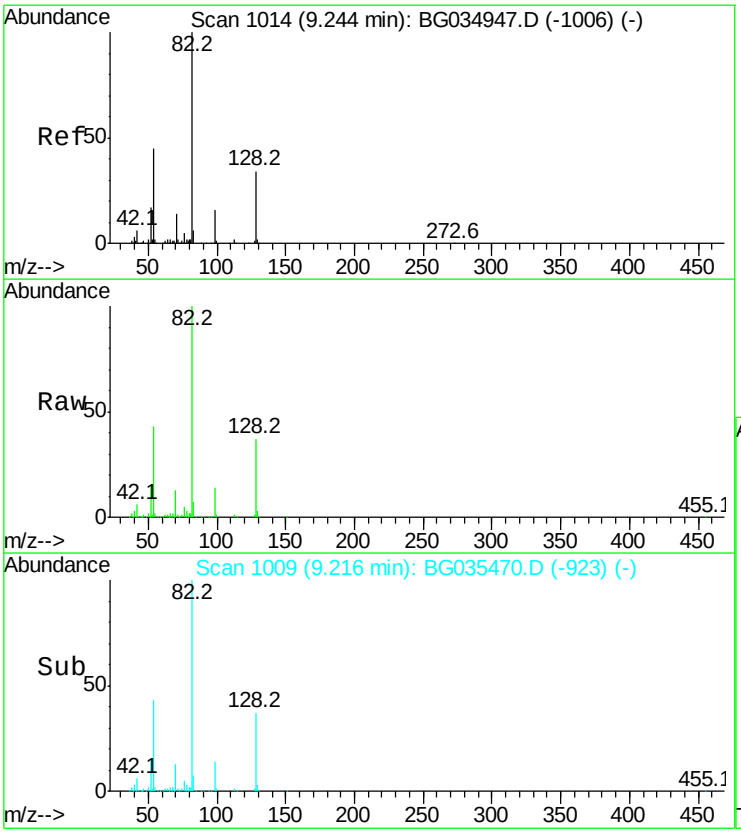
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 185186

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.3	10.3	15.5#
68	5.6	4.5	6.7

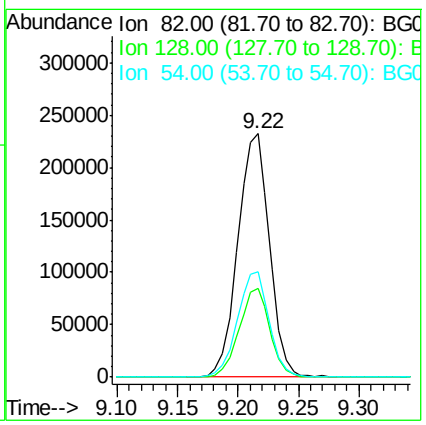


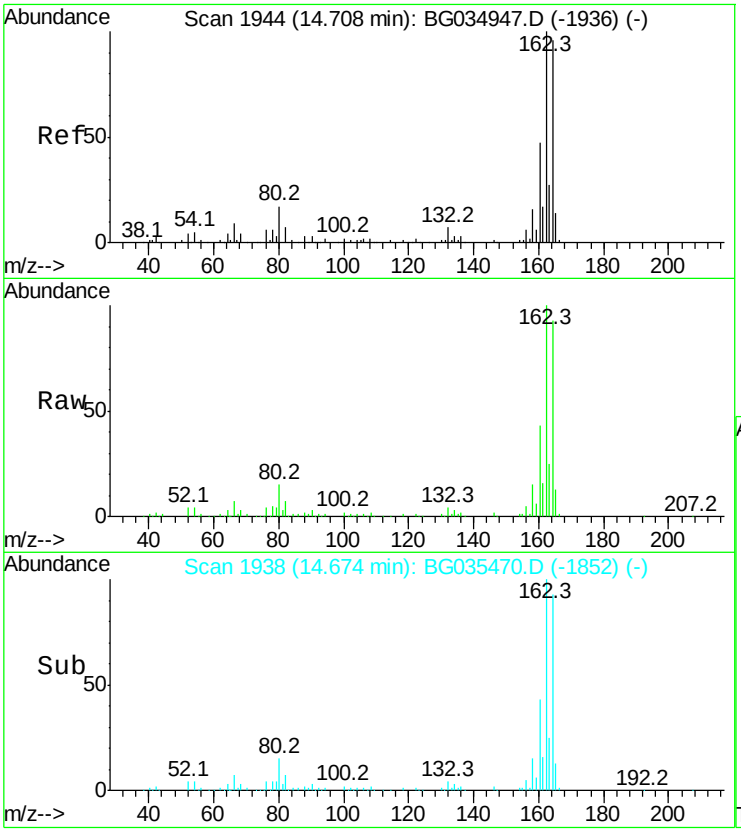


#23
Nitrobenzene-d5
Concen: 108.654 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion: 82 Resp: 423300

Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	43.5	43.1	64.7



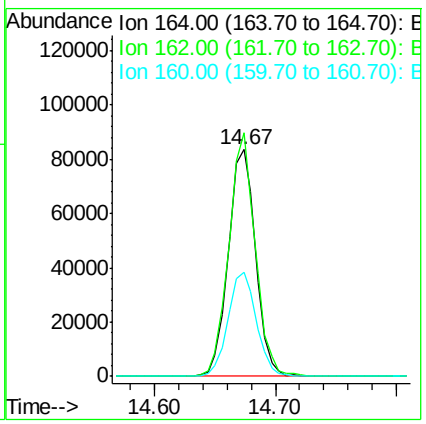


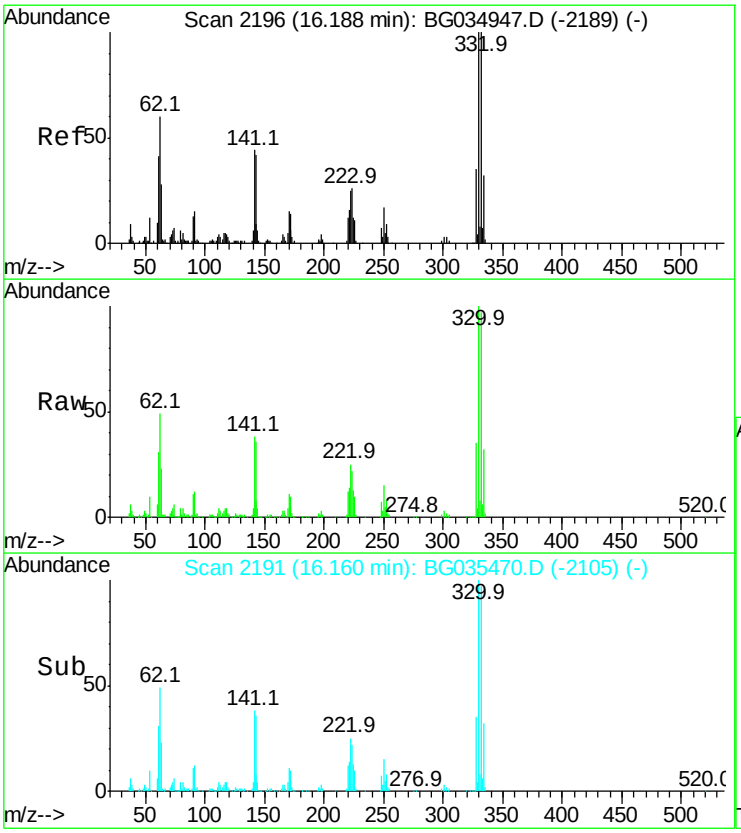
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 131140

Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	46.2	35.4	53.0

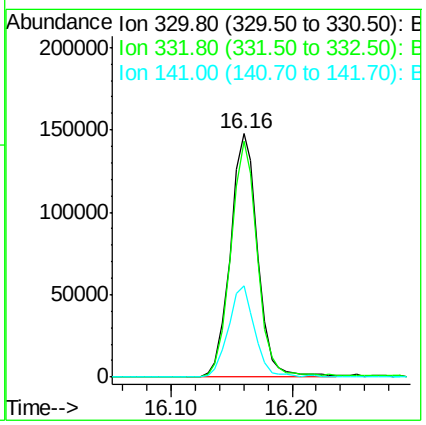


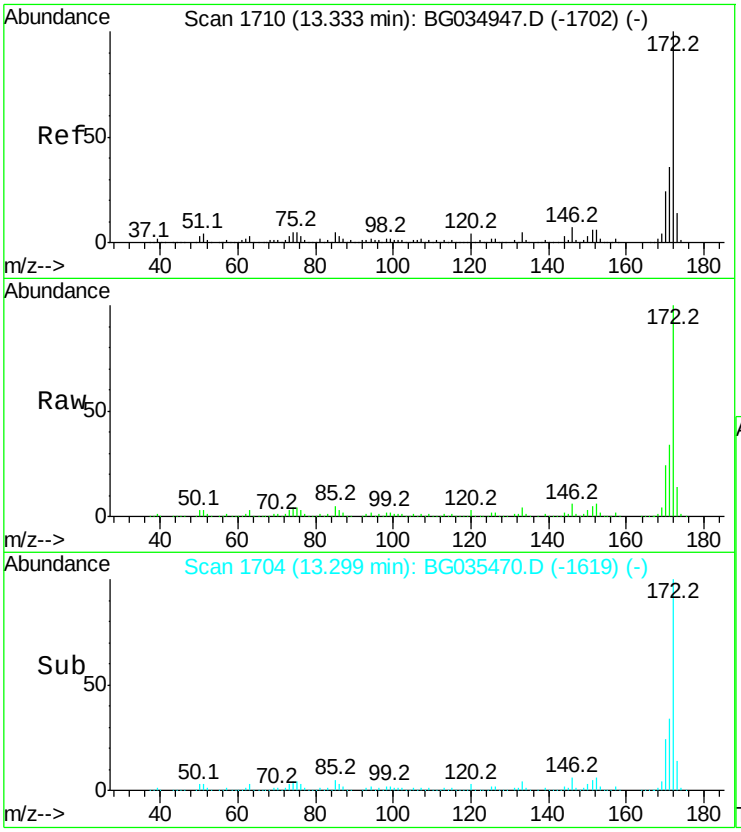


#41
2,4,6-Tribromophenol
Concen: 138.452 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:330 Resp: 232427

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.0	115.6
141	36.7	25.2	37.8



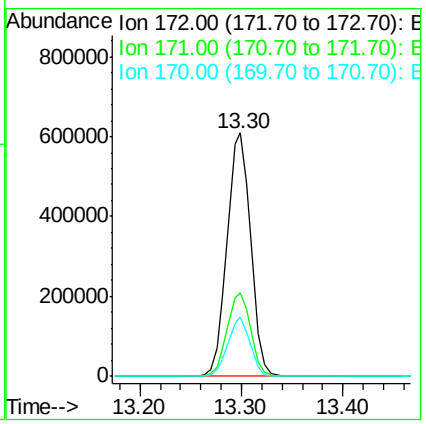


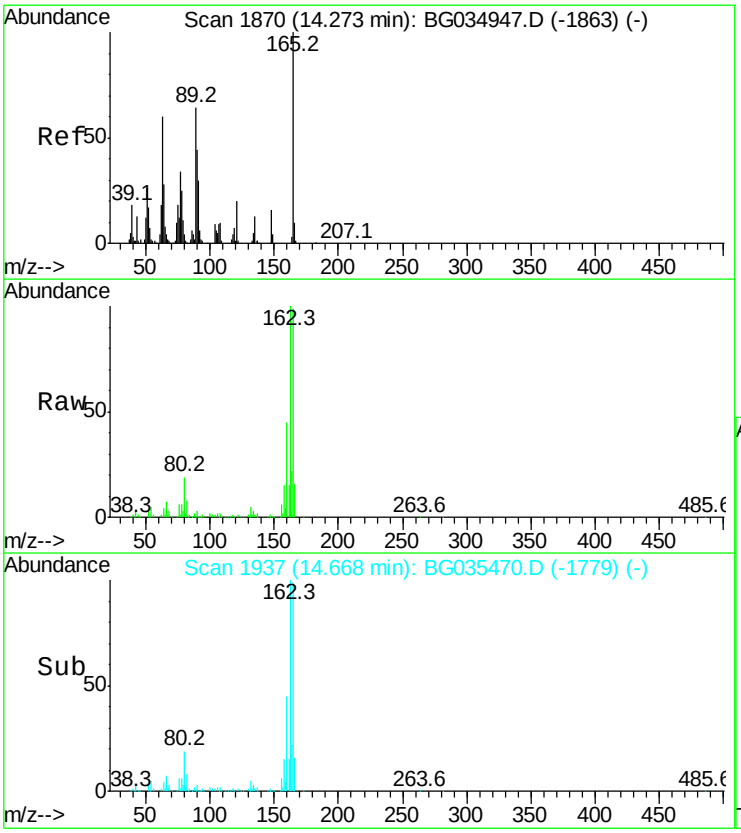
#44
2-Fluorobiphenyl
Concen: 97.064 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 979153

Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	24.1	19.5	29.3

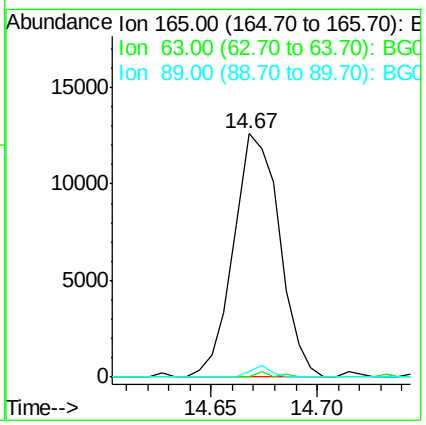


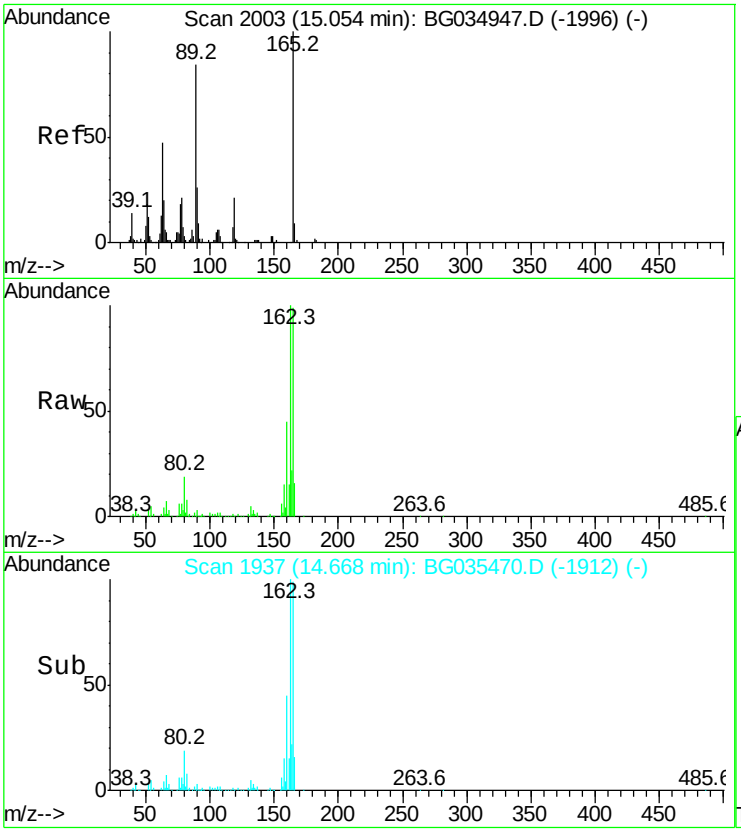


#50
2,6-Dinitrotoluene
Concen: 9.086 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.40 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:165 Resp: 18956

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.3	49.2	73.8#



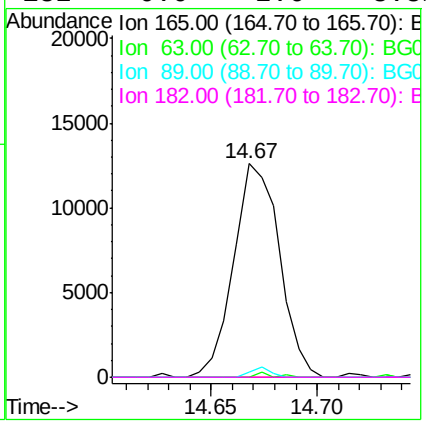


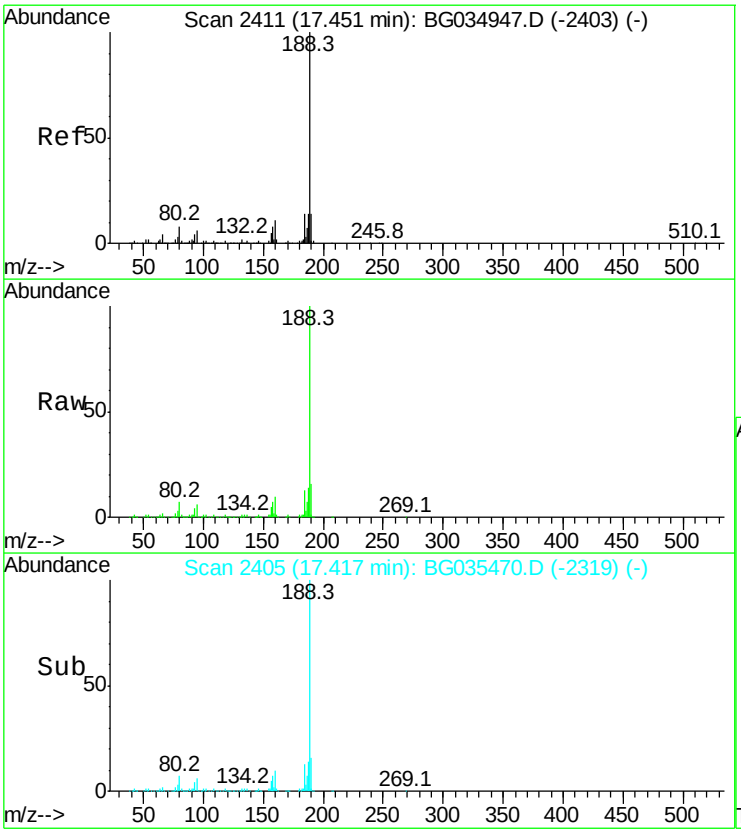
#56
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.38 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 18956

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.3	66.9	100.3#
182	0.0	2.6	3.8#

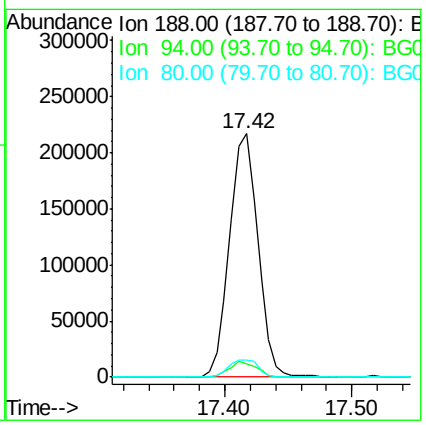


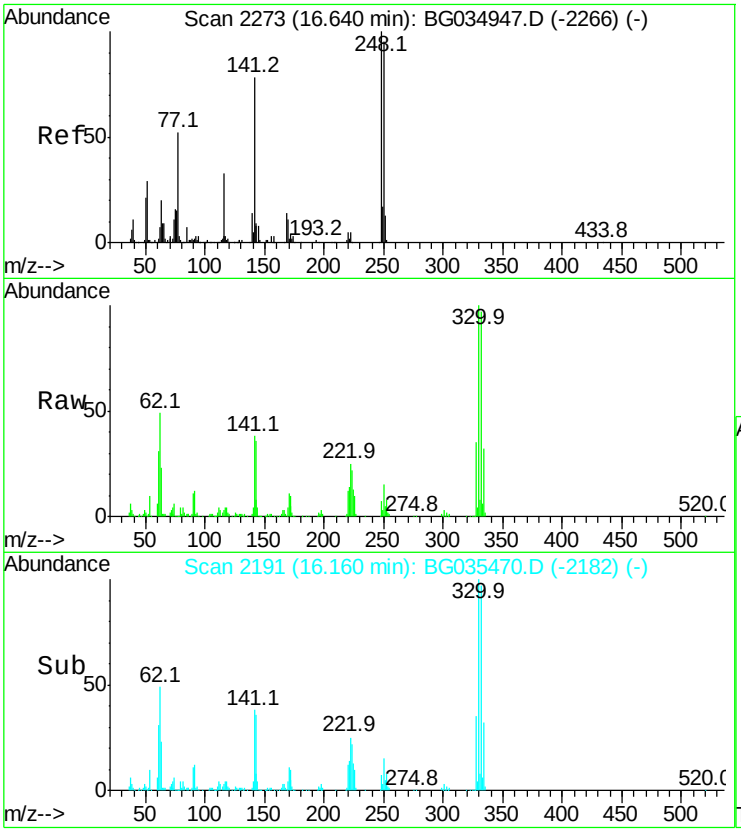


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:188 Resp: 336392

Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	7.2	7.7	11.5#



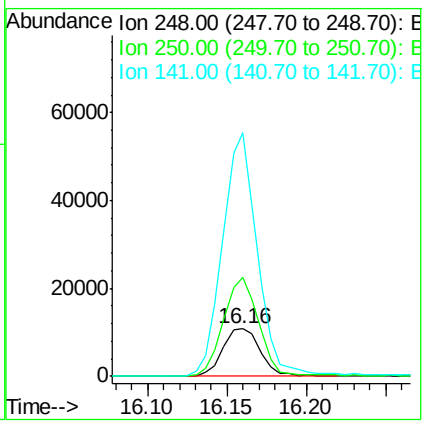


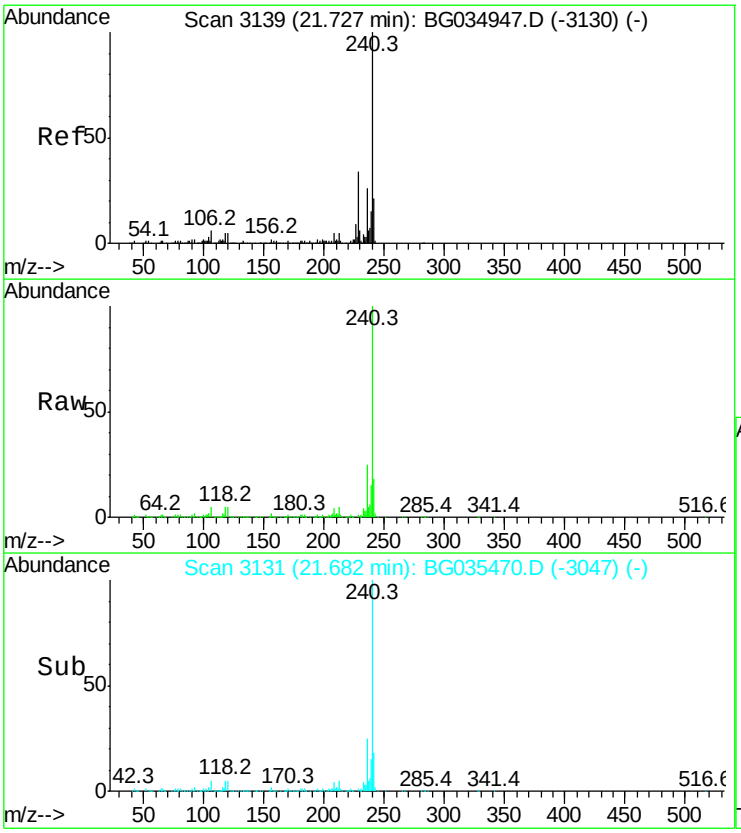
#66
4-Bromophenyl-phenylether
Concen: 4.378 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 17737

Ion	Ratio	Lower	Upper
248	100		
250	208.5	77.1	115.7#
141	515.3	50.8	76.2#

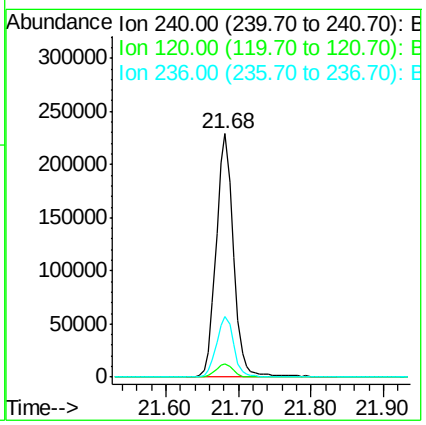


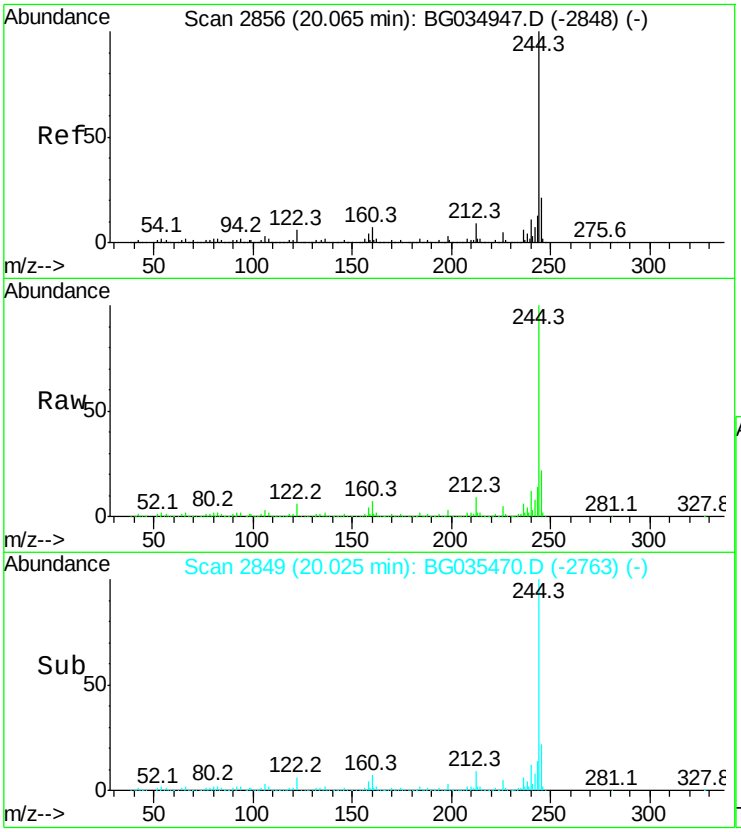


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:240 Resp: 382200

Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	24.6	20.9	31.3



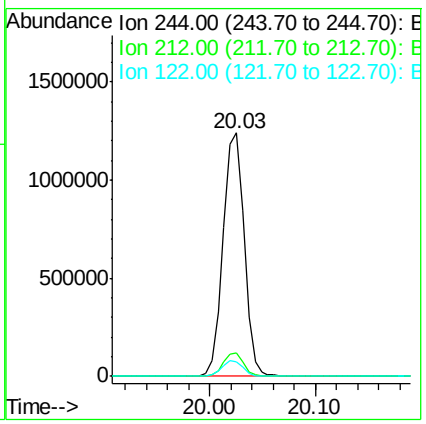


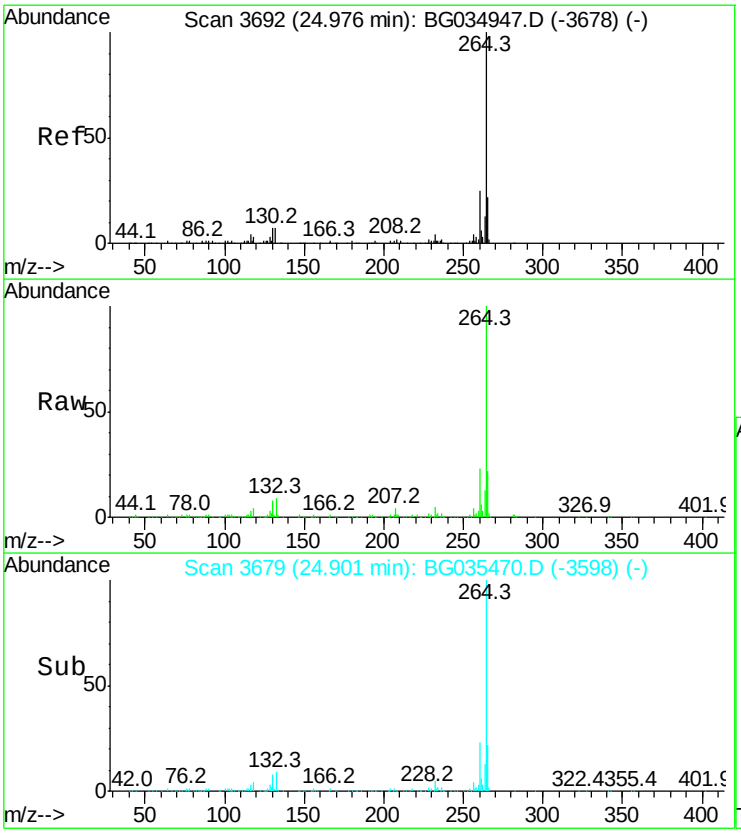
#78
Terphenyl-d14
Concen: 94.501 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1724296

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.05 min
Lab File: BG035470.D
Acq: 28 Jun 2018 7:52

Tgt Ion:264 Resp: 336568

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.1	17.7	26.5