Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062018\
Data File : BG035288.D
Acq On : 21 Jun 2018 6:35
Operator : SJ/JU
Sample : J3573-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jun 21 08:16:18 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	51633	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	182508	20.00	ng	-0.03
38) Acenaphthene-d10	14.68	164	121632	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	335201	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	379866	20.00	ng	-0.03
86) Perylene-d12	24.91	264	368148	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	358445	117.16	ng	0.00
7) Phenol-d6	7.21	99	429886	95.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	381855	99.45	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	259226	166.49	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	845053	90.32	ng	-0.03
78) Terphenyl-d14	20.03	244	1604438	88.47	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	52369	13.650	ng	# 72
50) 2,6-Dinitrotoluene	14.68	165	16593	8.575	ng	# 18
56) 2,4-Dinitrotoluene	14.68	165	16593	6.455	ng	# 16
66) 4-Bromophenyl-phenylether	16.16	248	19839	4.915	ng	# 1

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

Quantitation Report (Not Reviewed)

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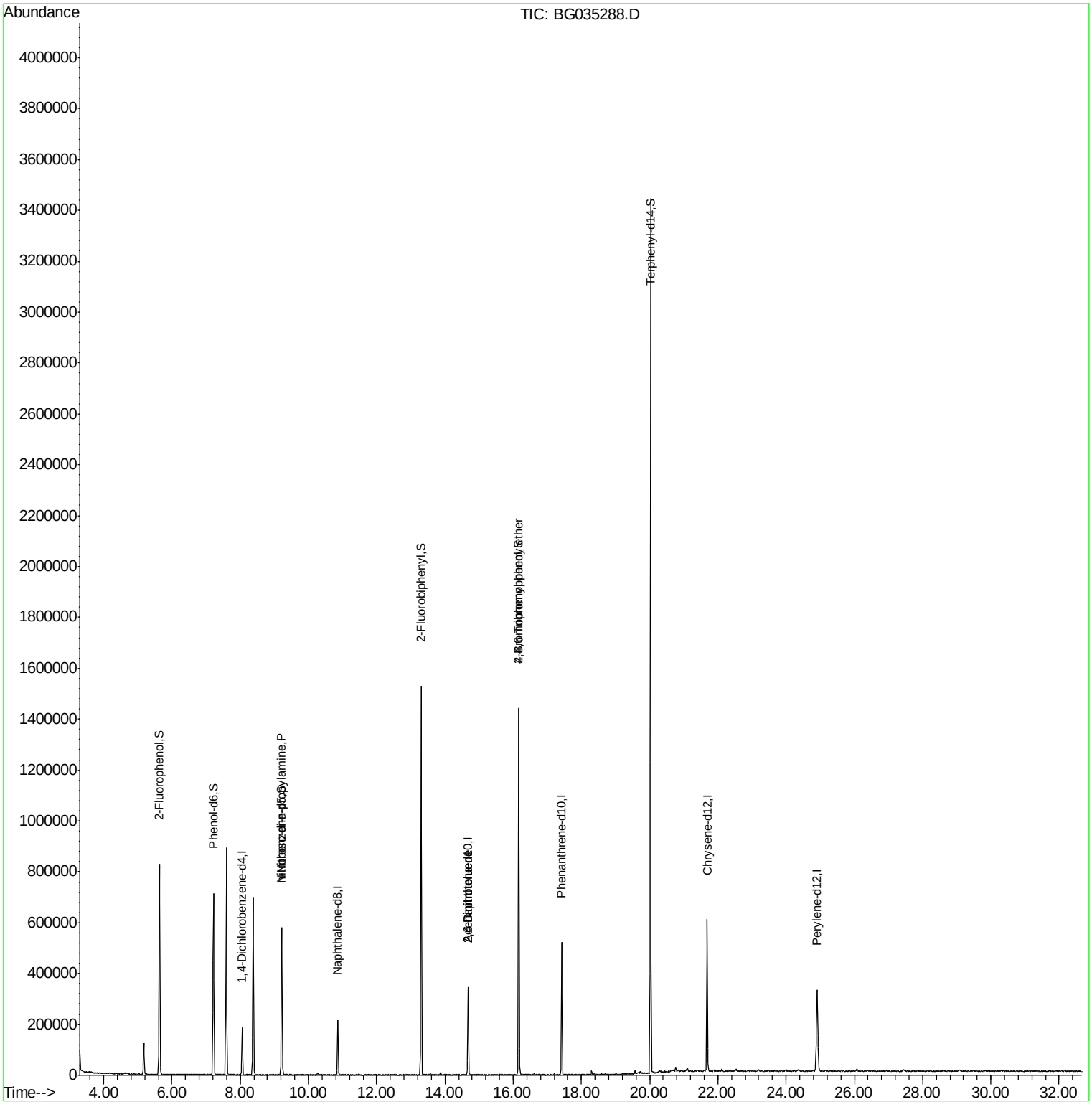
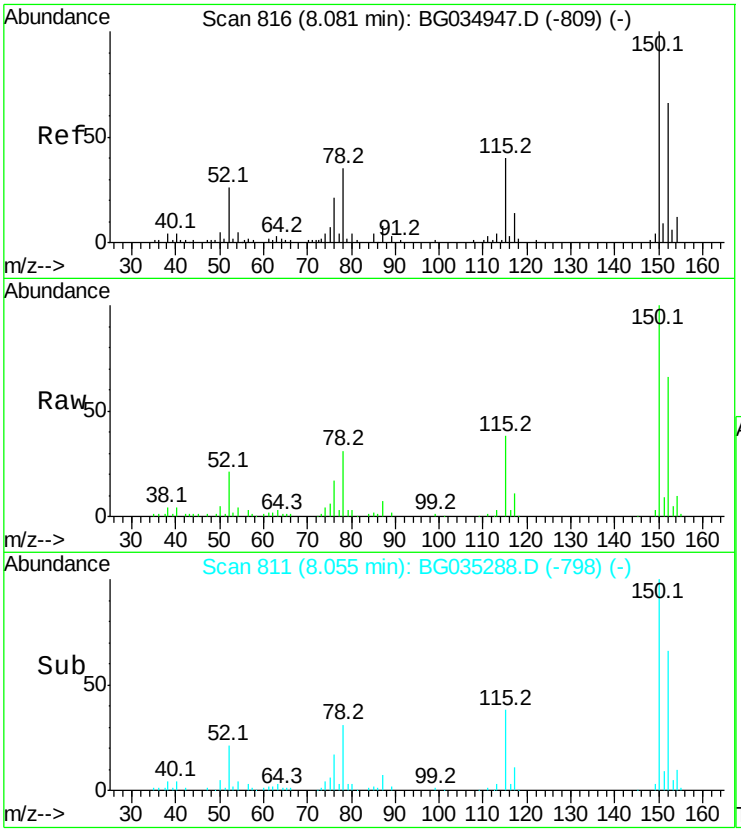


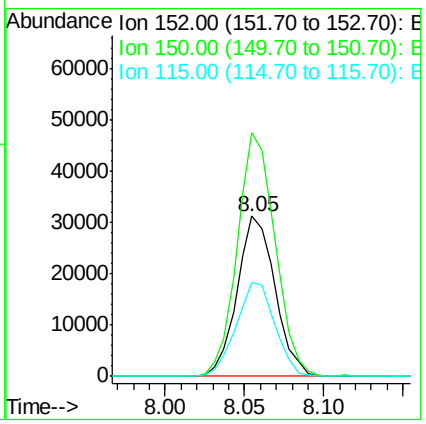


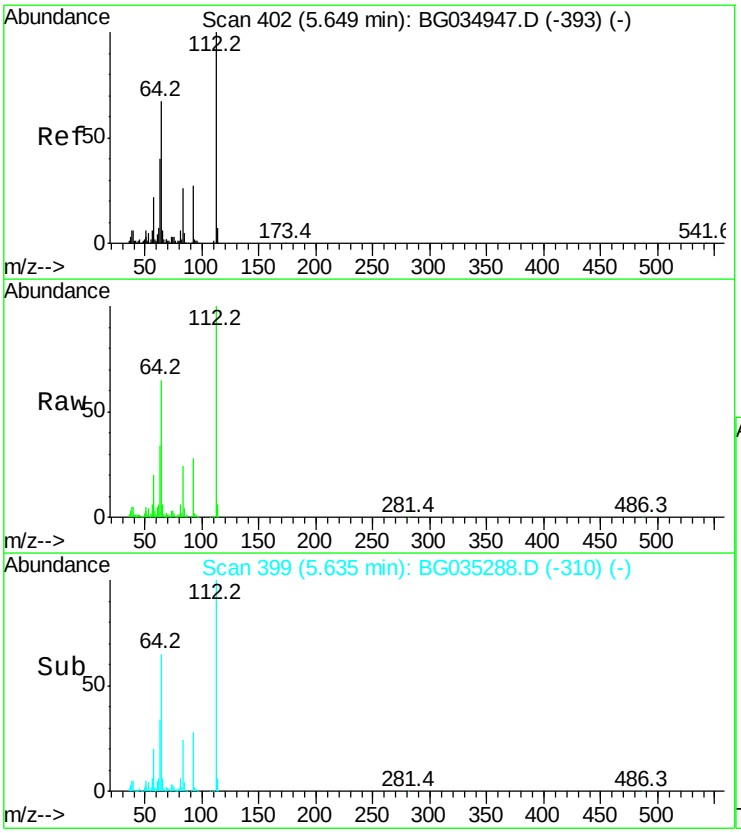
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 51633

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.6	189.8
115	58.5	53.0	79.4

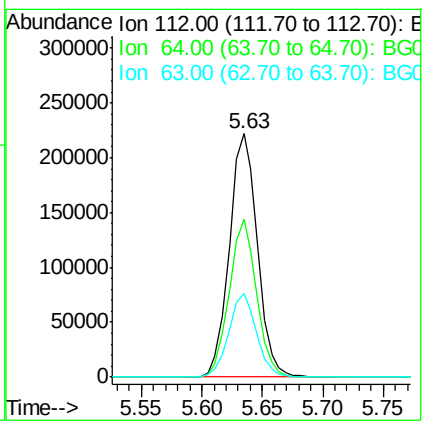


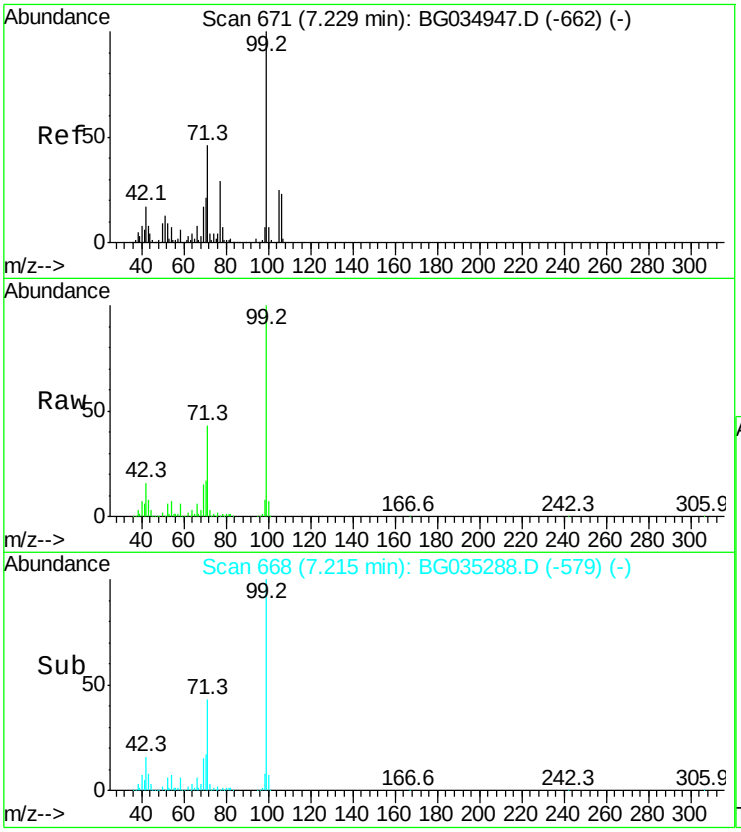


#5
2-Fluorophenol
Concen: 117.157 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:112 Resp: 358445

Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	34.5	30.1	45.1



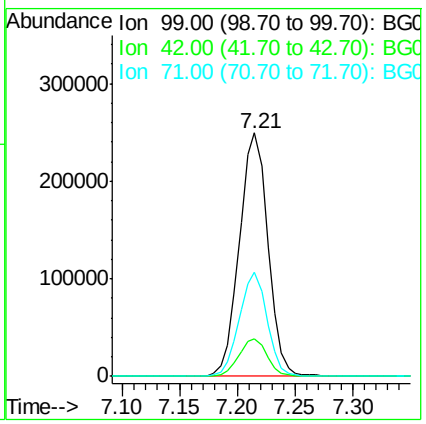


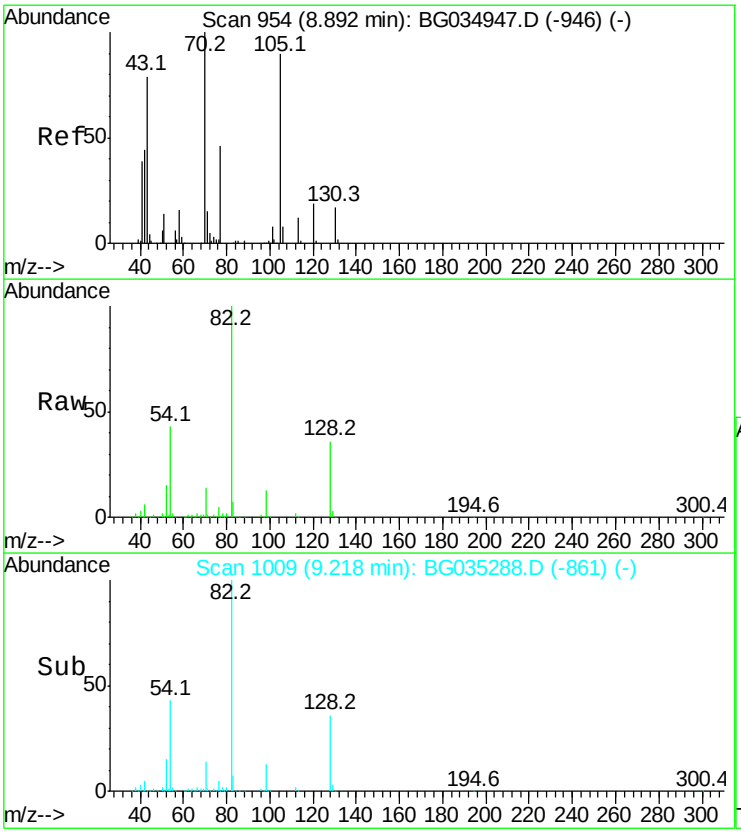
#7
Phenol-d6
Concen: 95.198 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 429886

Ion	Ratio	Lower	Upper
99	100		
42	15.6	14.1	21.1
71	42.6	26.1	39.1#

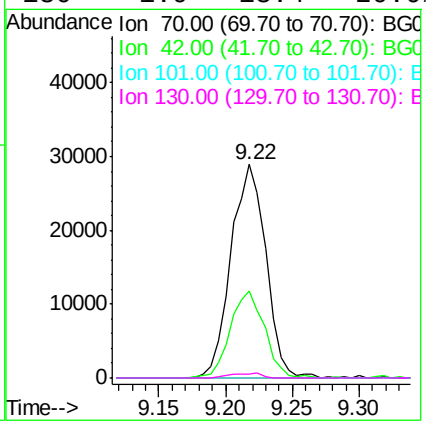


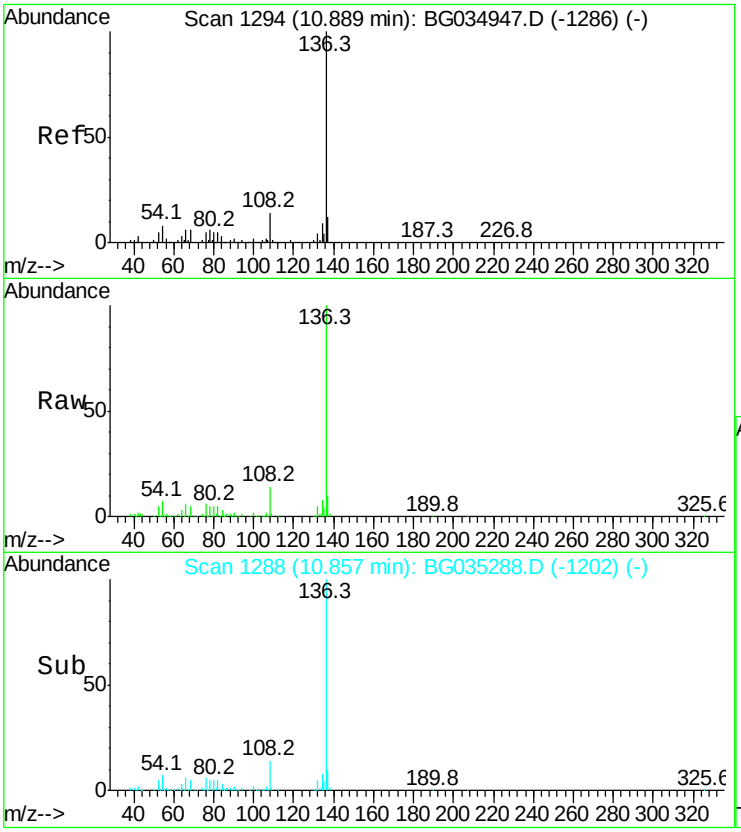


#19
n-Nitroso-di-n-propylamine
Concen: 13.650 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.34 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion: 70 Resp: 52369

Ion	Ratio	Lower	Upper
70	100		
42	41.0	49.1	73.7#
101	0.0	8.5	12.7#
130	1.9	13.4	20.0#



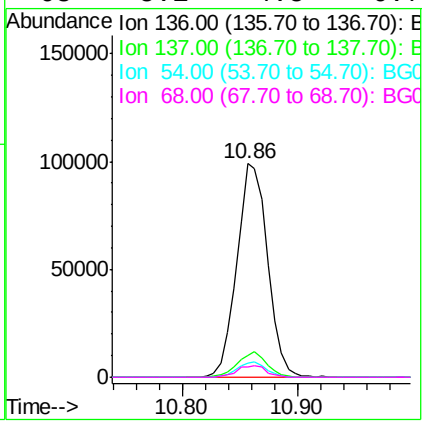


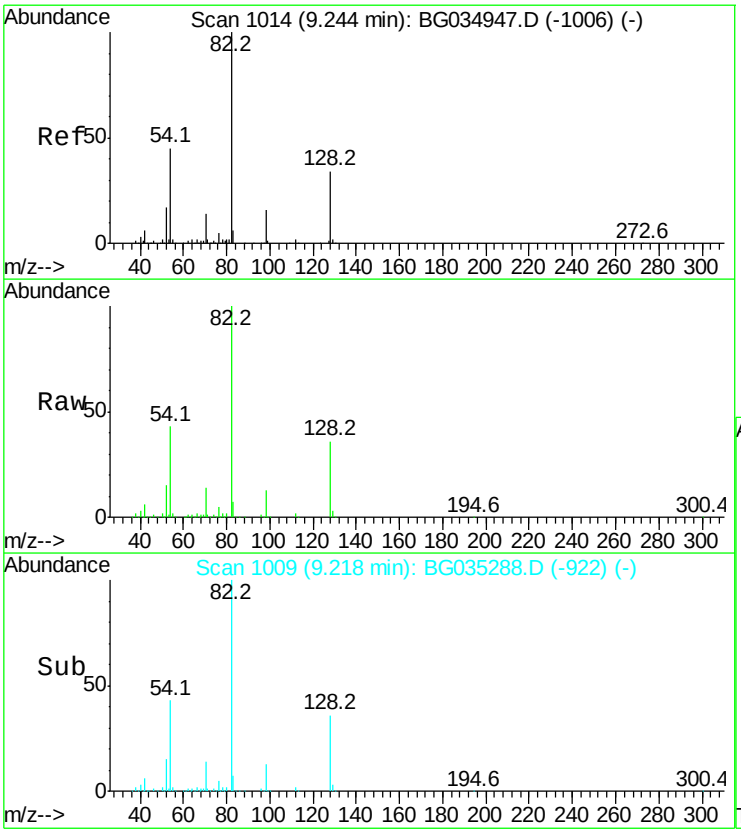
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 182508

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.2	13.8
54	6.7	10.3	15.5#
68	5.1	4.5	6.7

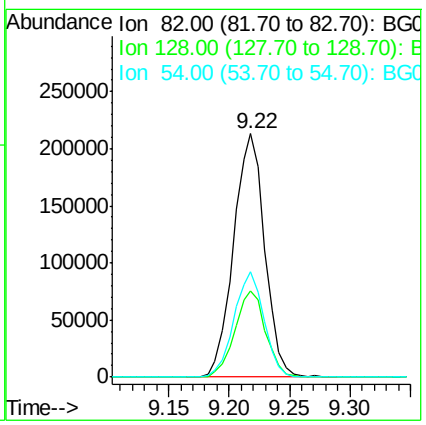


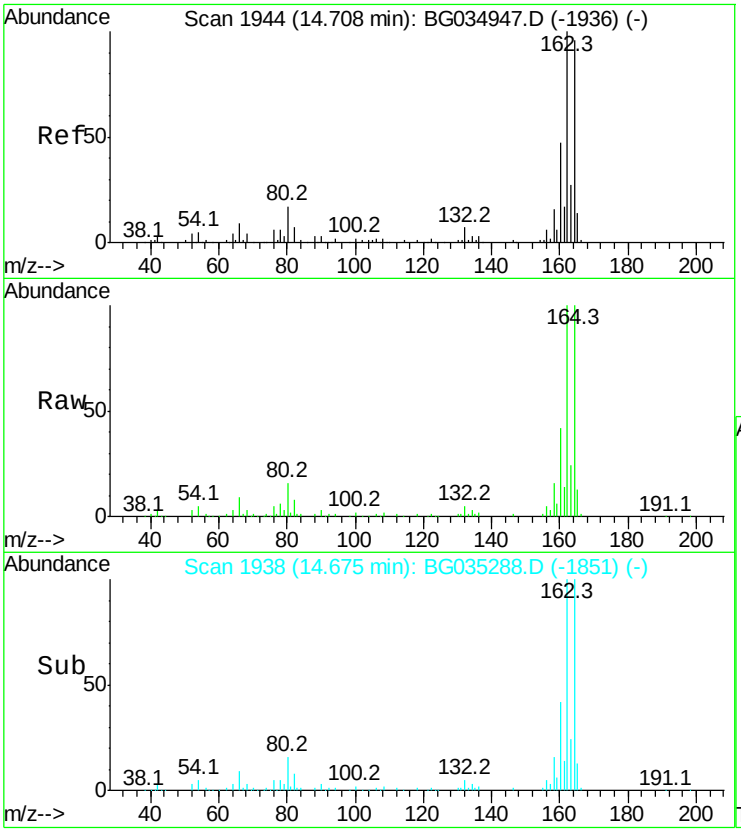


#23
Nitrobenzene-d5
Concen: 99.454 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion: 82 Resp: 381855

Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	43.3	43.1	64.7



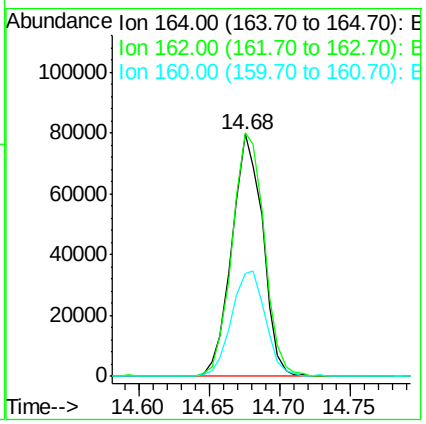


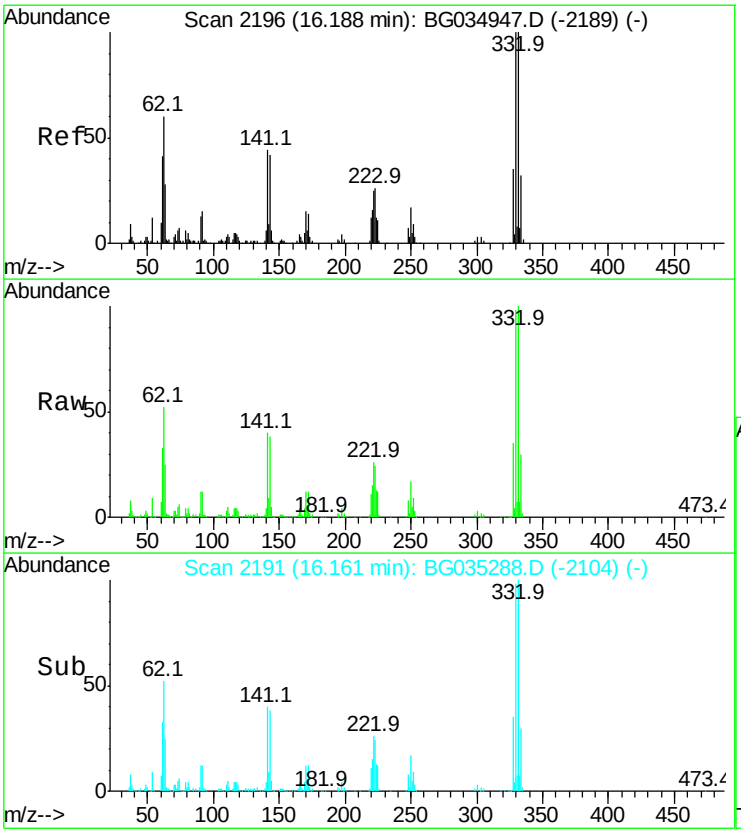
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 121632

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	42.5	35.4	53.0

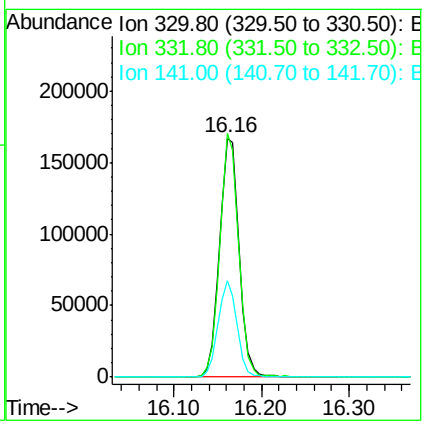


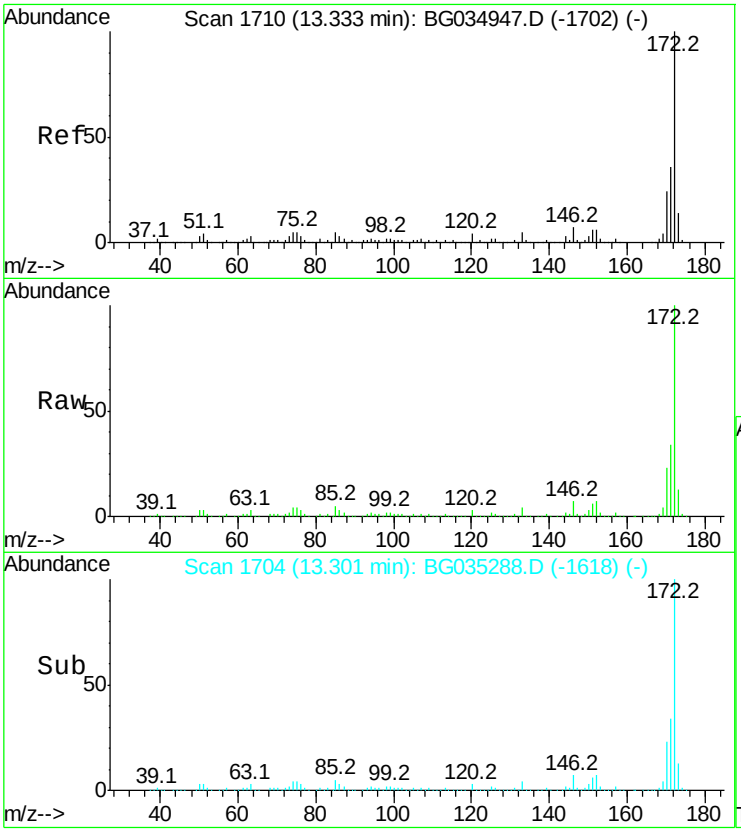


#41
2,4,6-Tribromophenol
Concen: 166.486 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:330 Resp: 259226

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	38.8	25.2	37.8#



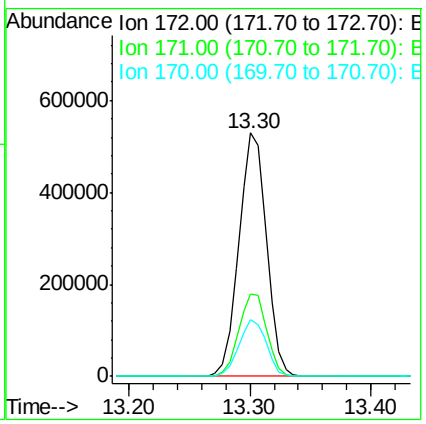


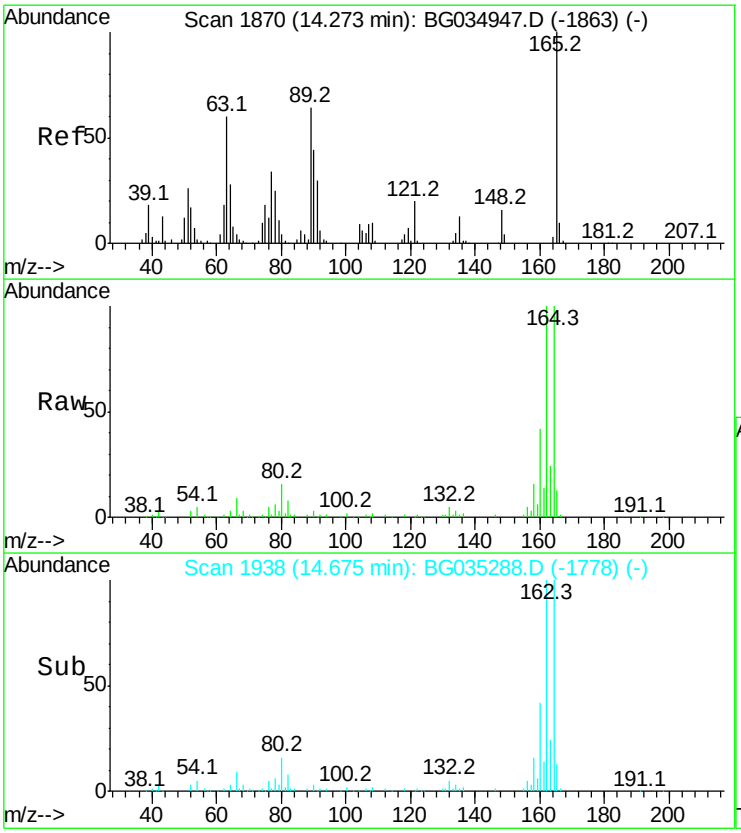
#44
2-Fluorobiphenyl
Concen: 90.319 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 845053

Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	23.3	19.5	29.3

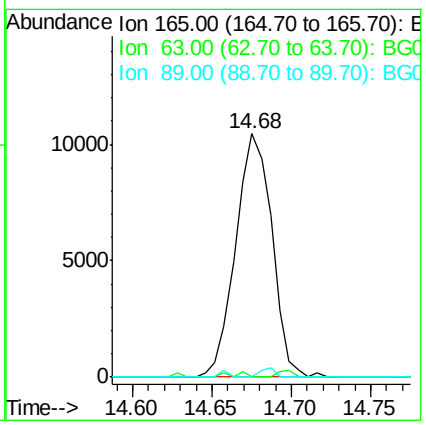


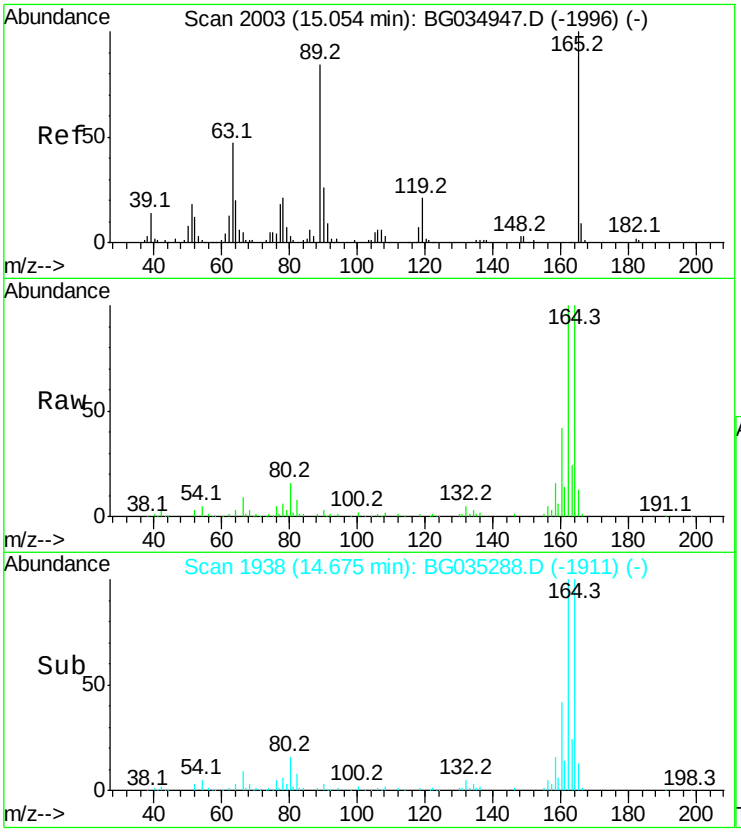


#50
2,6-Dinitrotoluene
Concen: 8.575 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.41 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:165 Resp: 16593

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



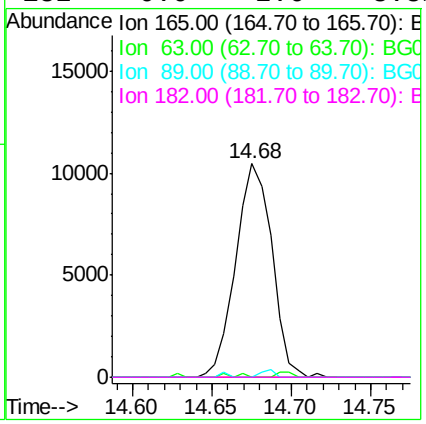


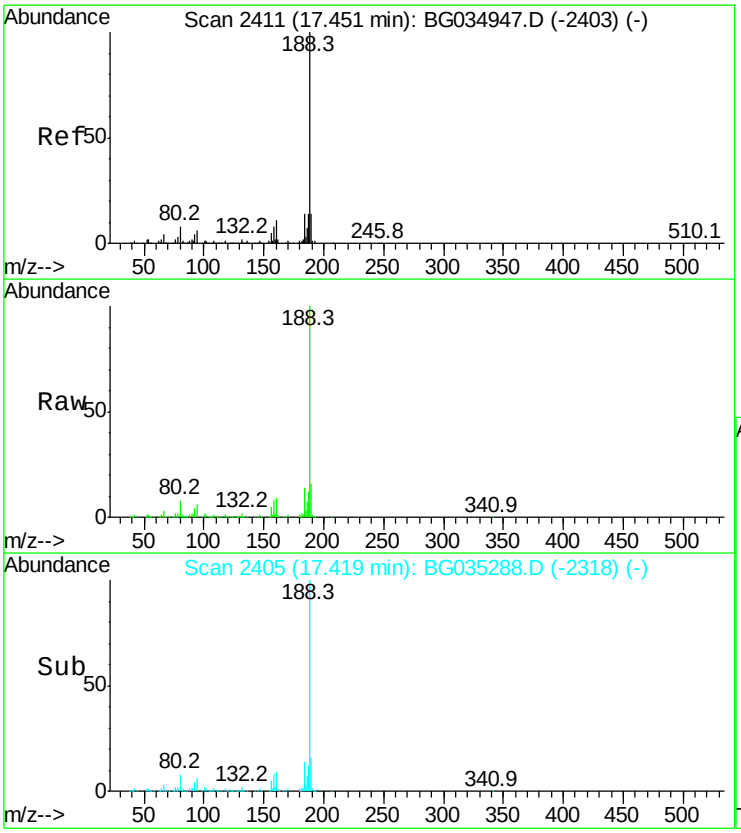
#56
2,4-Dinitrotoluene
Concen: 6.455 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.37 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 16593

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

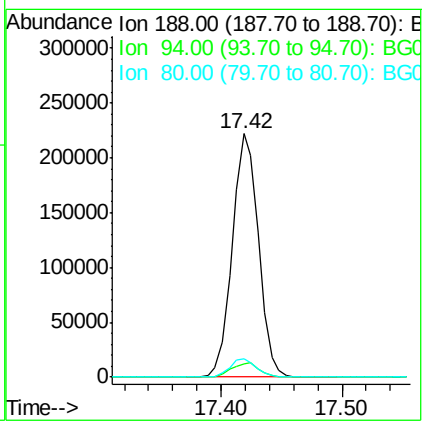


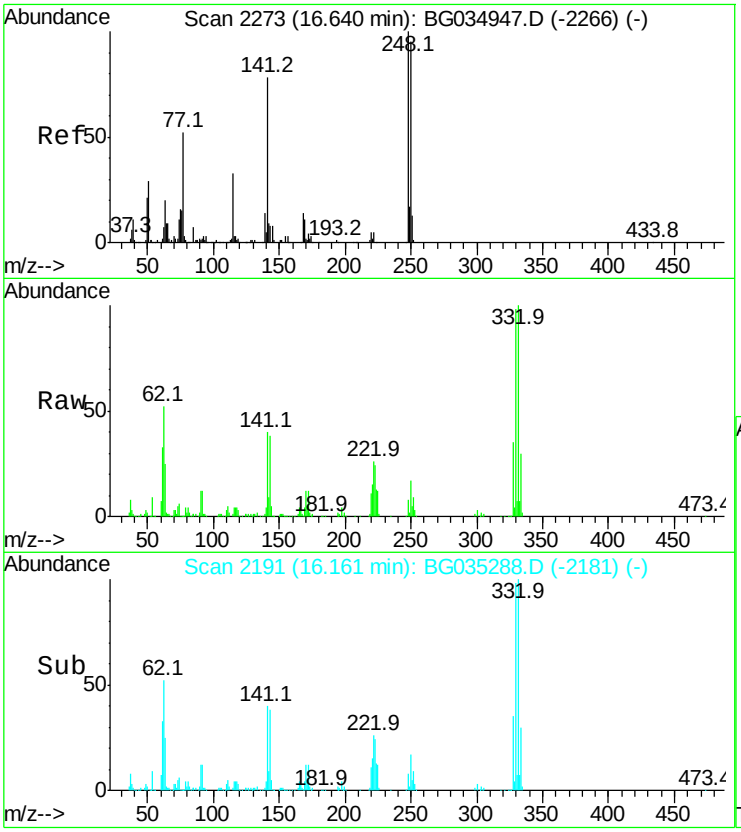


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:188 Resp: 335201

Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.5	7.7	11.5#



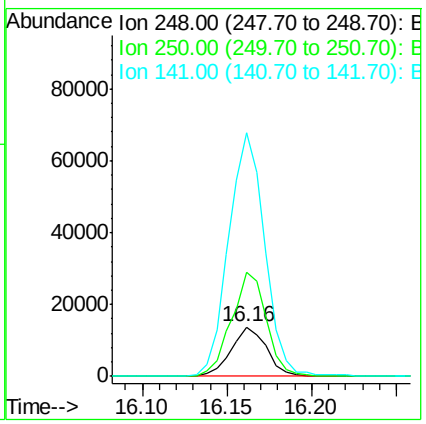


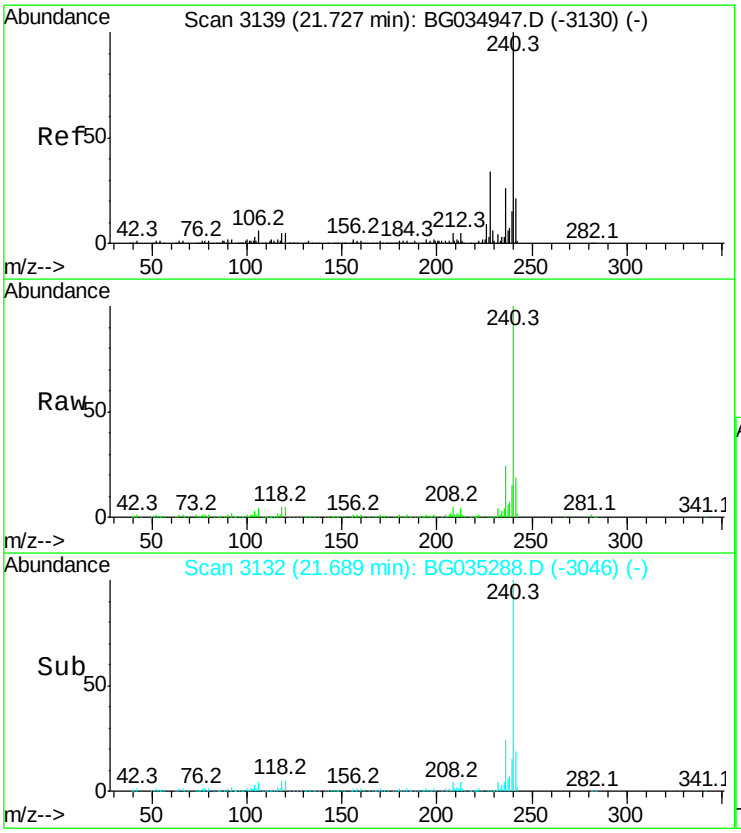
#66
4-Bromophenyl-phenylether
Concen: 4.915 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.47 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 19839

Ion	Ratio	Lower	Upper
248	100		
250	209.8	77.1	115.7#
141	493.6	50.8	76.2#

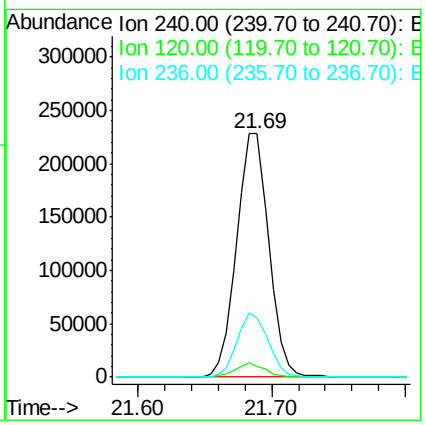


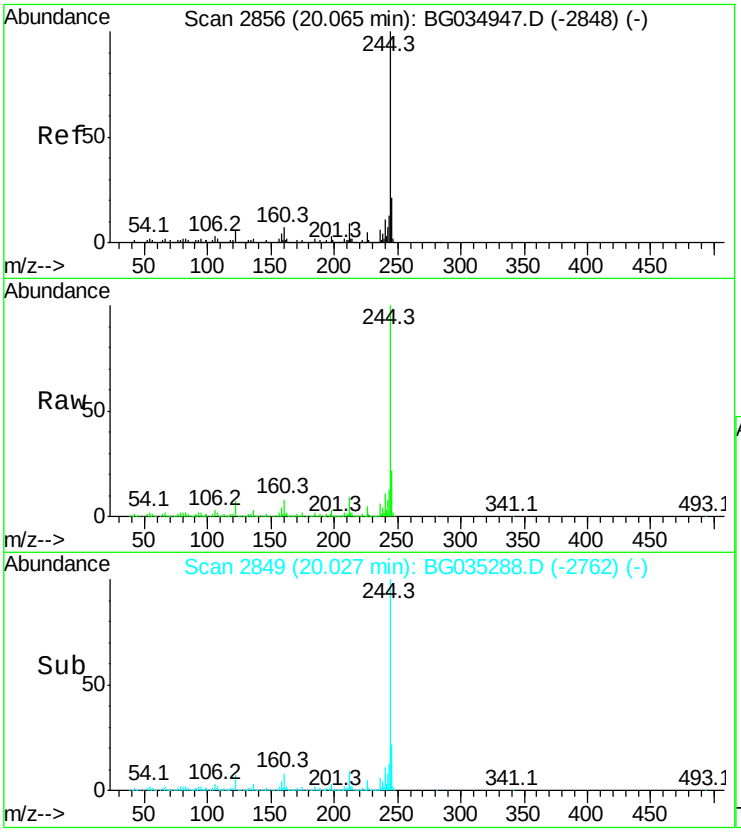


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.03 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:240 Resp: 379866

Ion	Ratio	Lower	Upper
240	100		
120	4.5	6.8	10.2#
236	24.3	20.9	31.3



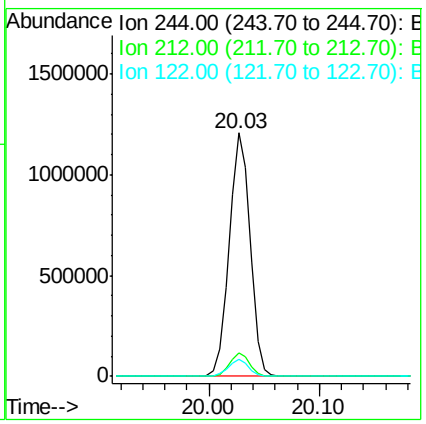


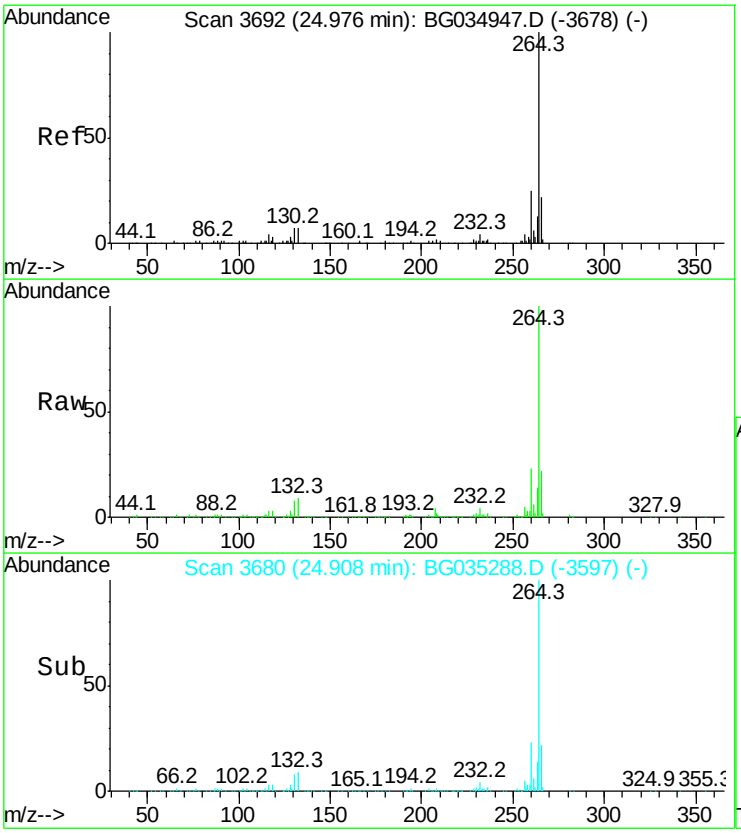
#78
Terphenyl-d14
Concen: 88.473 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.02 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1604438

Ion	Ratio	Lower	Upper
244	100		
212	9.4	5.8	8.8#
122	6.8	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.04 min
Lab File: BG035288.D
Acq: 21 Jun 2018 6:35

Tgt Ion:264 Resp: 368148

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.9	17.7	26.5