Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
Data File : BG040335.D
Acq On : 3 Apr 2019 21:07
Operator : JU/SJ
Sample : K1695-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 04 01:24:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	70920	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	274789	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	166982	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	414737	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	442473	20.00	ng	-0.03
87) Perylene-d12	24.98	264	449790	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	569869	133.58	ng	-0.01
7) Phenol-d6	7.20	99	795222	134.88	ng	-0.02
23) Nitrobenzene-d5	9.22	82	475912	92.06	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	302760	167.77	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	1003098	89.01	ng	-0.02
79) Terphenyl-d14	20.02	244	1540893	78.34	ng	-0.03
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.22	70	61111	14.457	ng	# 73
50) Dimethylphthalate	14.13	163	73781	5.646	ng	# 95
57) 2,4-Dinitrotoluene	14.68	165	21193	5.198	ng	# 26
67) 4-Bromophenyl-phenylether	16.17	248	23303	4.993	ng	# 1

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

Quantitation Report (Not Reviewed)

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Acq On : 3 Apr 2019 21:07
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Misc :
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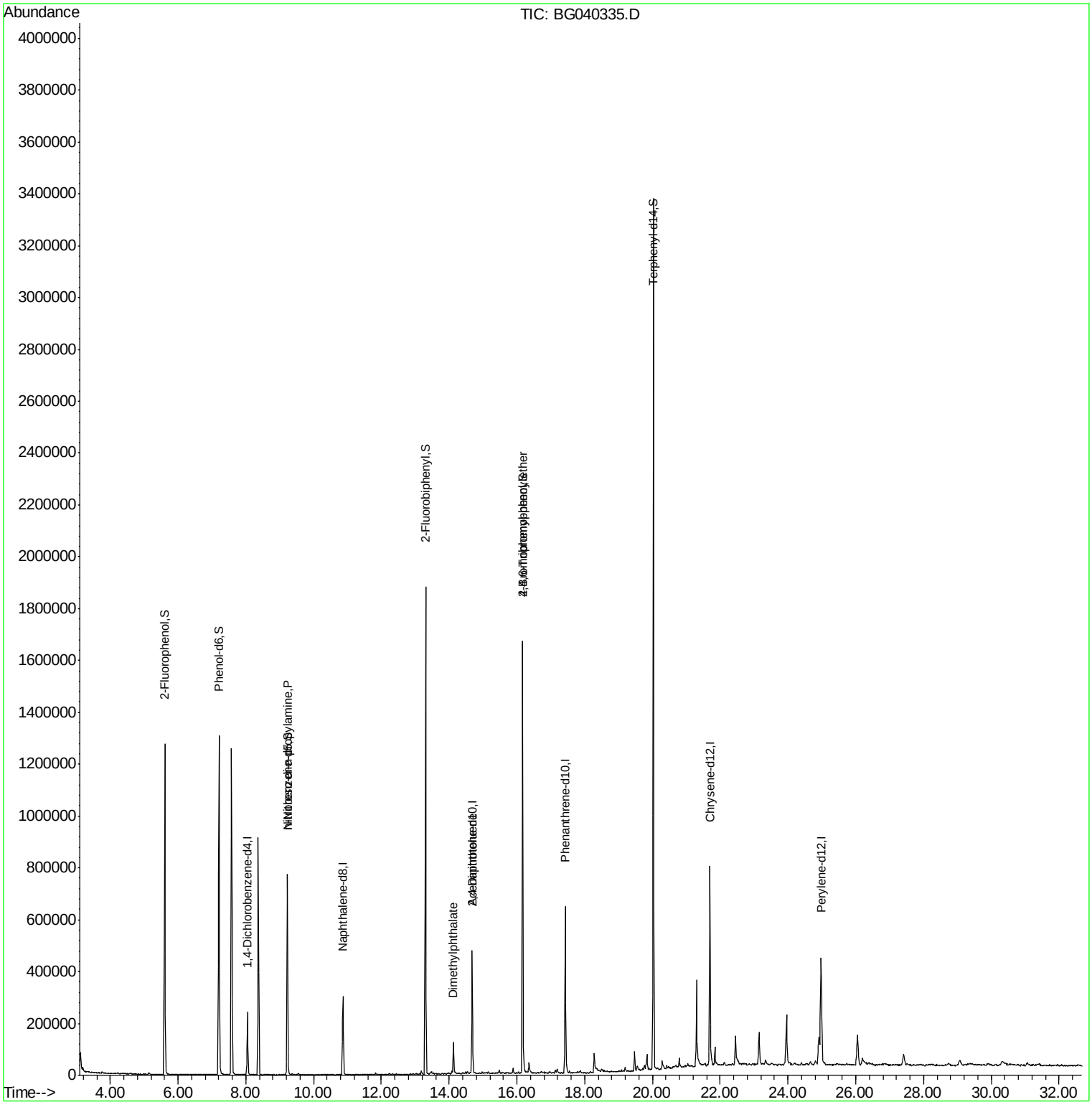
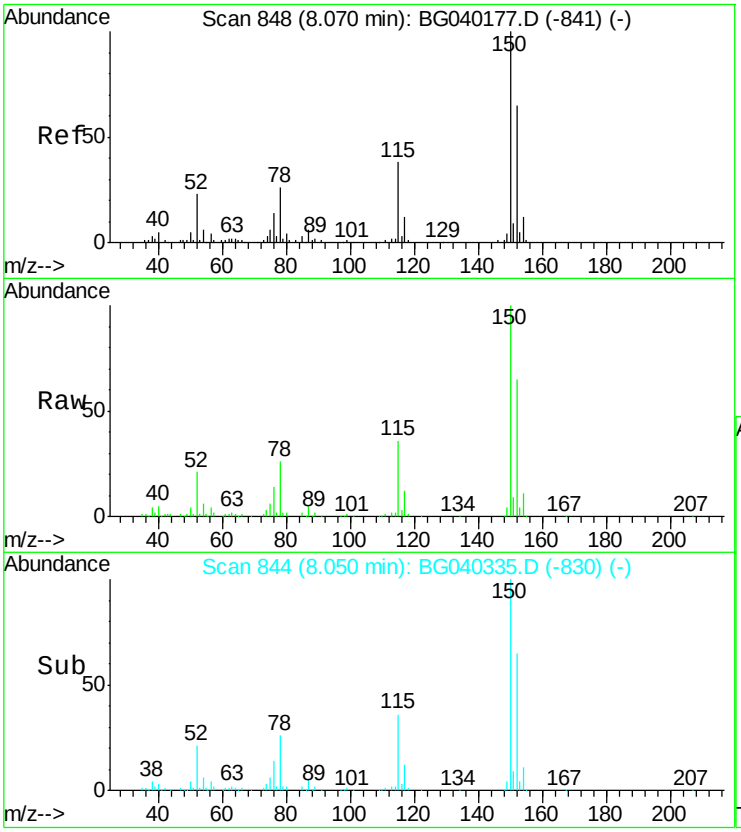


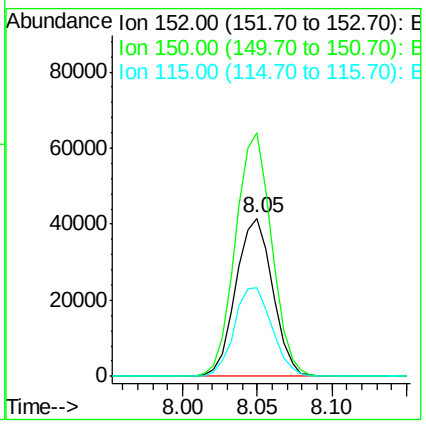


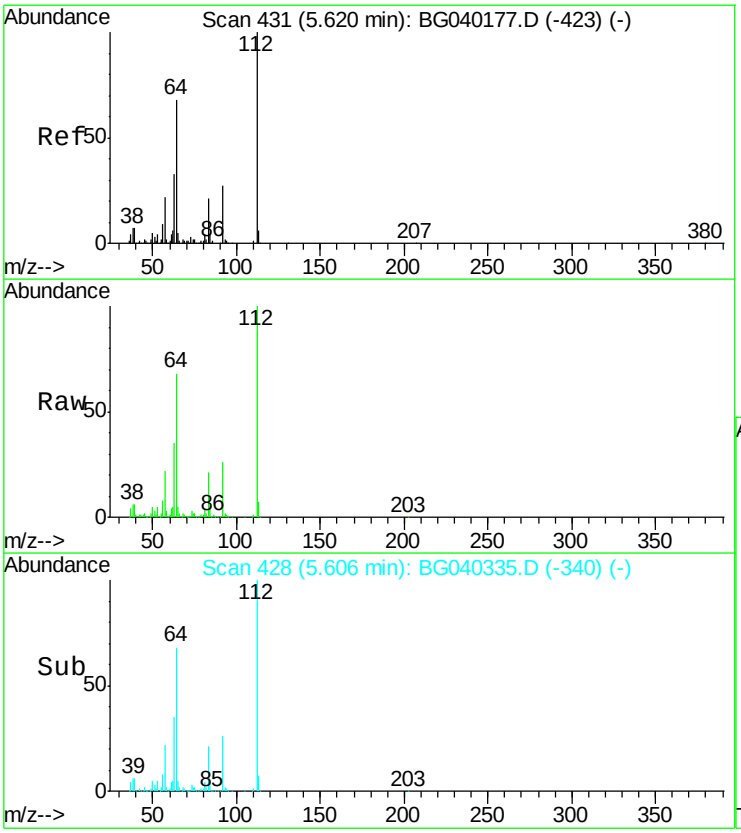
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 70920

Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	55.7	46.9	70.3

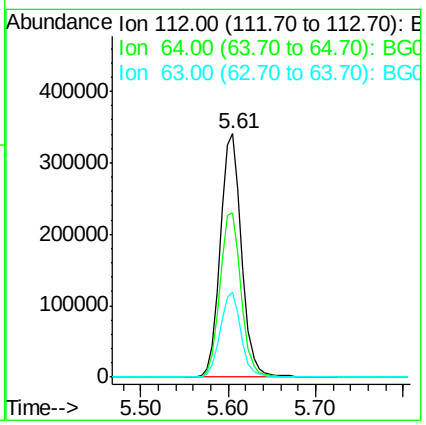


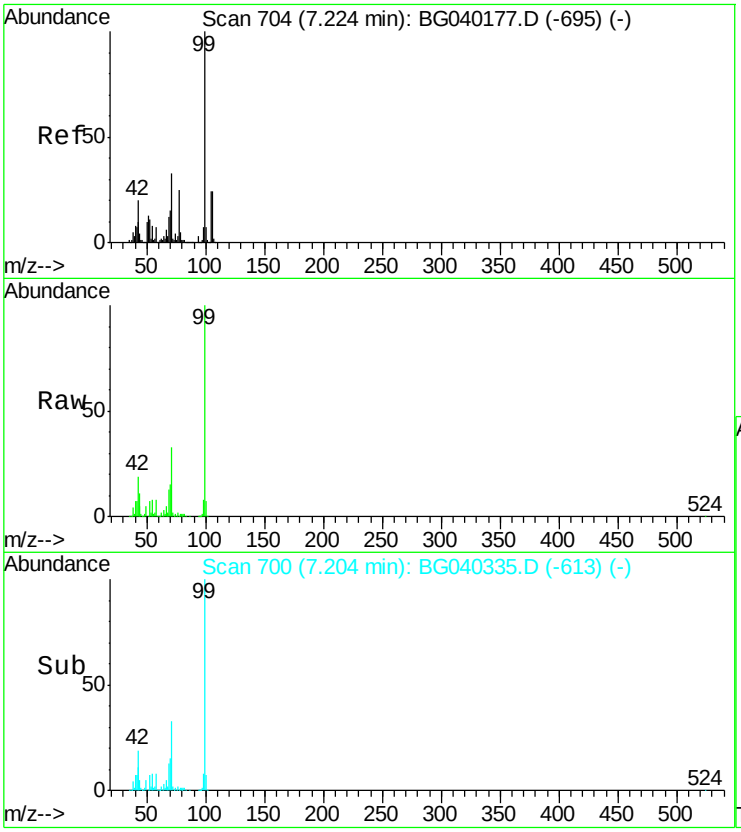


#5
2-Fluorophenol
Concen: 133.581 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion:112 Resp: 569869

Ion	Ratio	Lower	Upper
112	100		
64	67.5	54.2	81.2
63	34.8	26.4	39.6



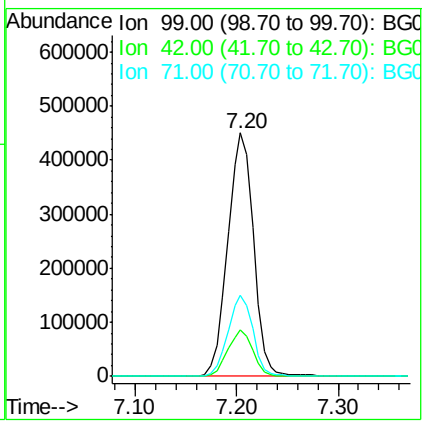


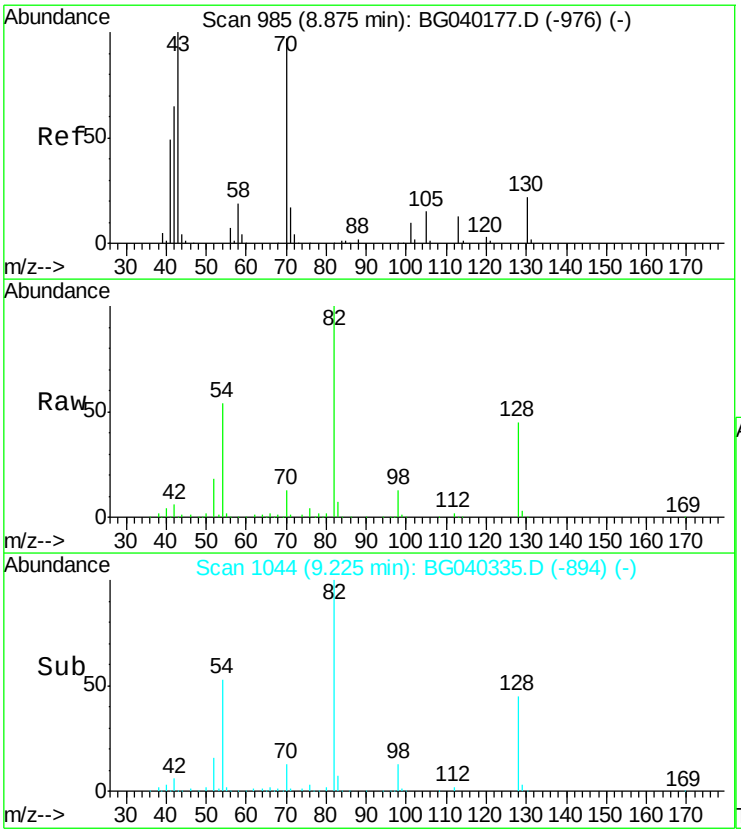
#7
Phenol-d6
Concen: 134.879 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 795222

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.2	24.2
71	33.2	26.8	40.2

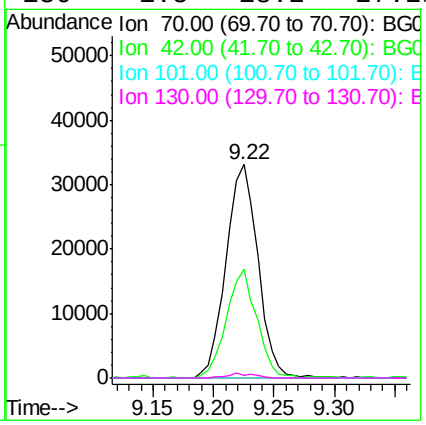


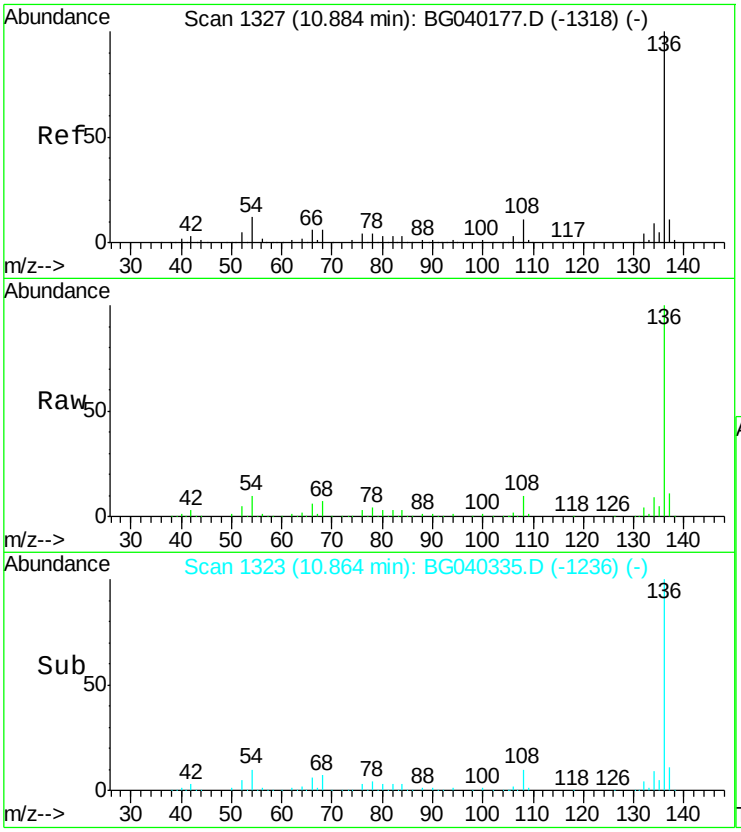


#19
n-Nitroso-di-n-propylamine
Concen: 14.457 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion: 70 Resp: 61111

Ion	Ratio	Lower	Upper
70	100		
42	50.7	54.0	81.0#
101	0.0	8.6	13.0#
130	1.5	18.2	27.2#



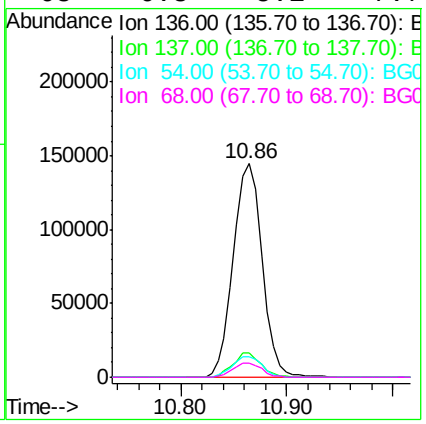


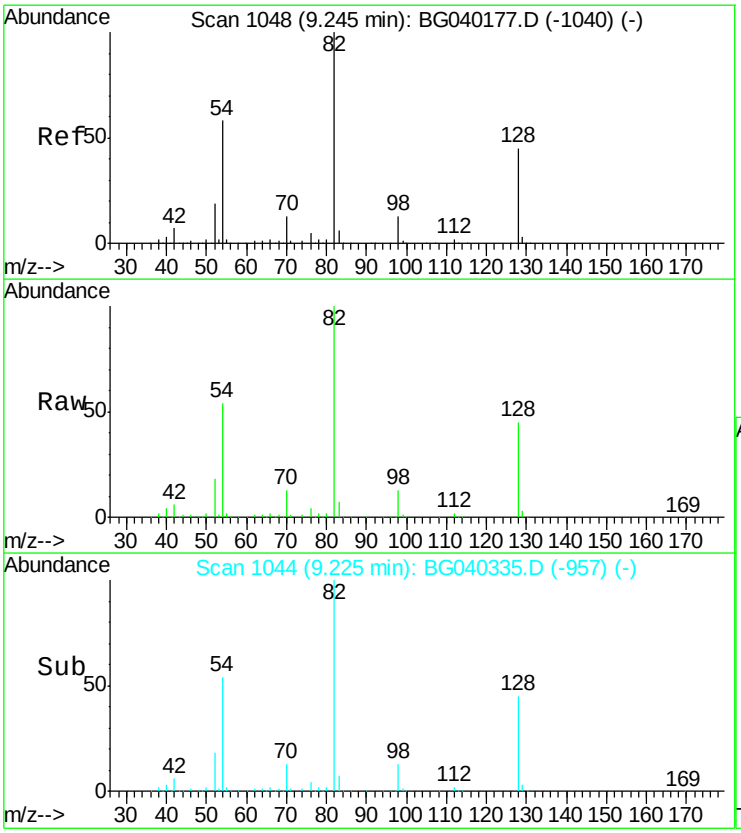
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 274789

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	9.5	9.6	14.4#
68	6.8	5.1	7.7

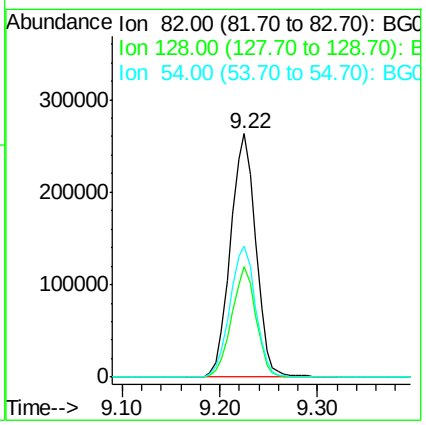


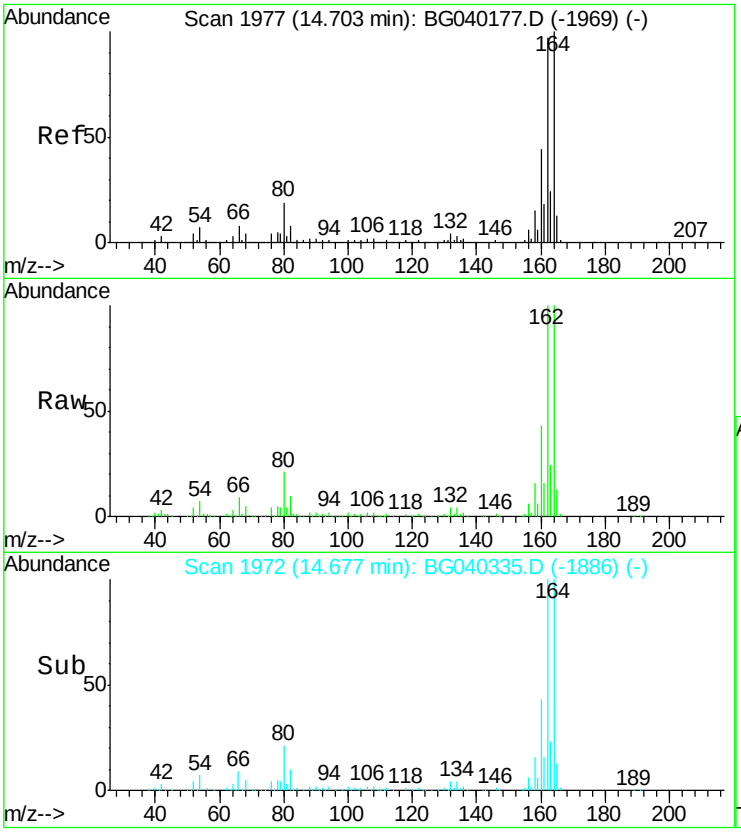


#23
Nitrobenzene-d5
Concen: 92.057 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion: 82 Resp: 475912

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.8	53.8
54	53.7	46.2	69.2



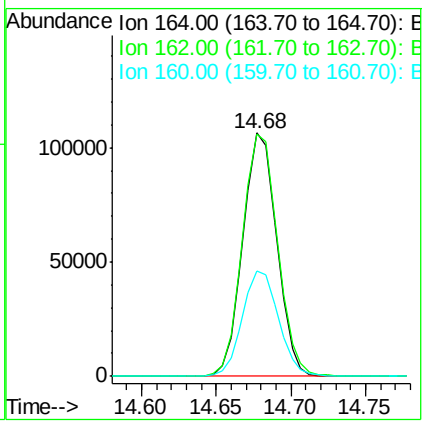


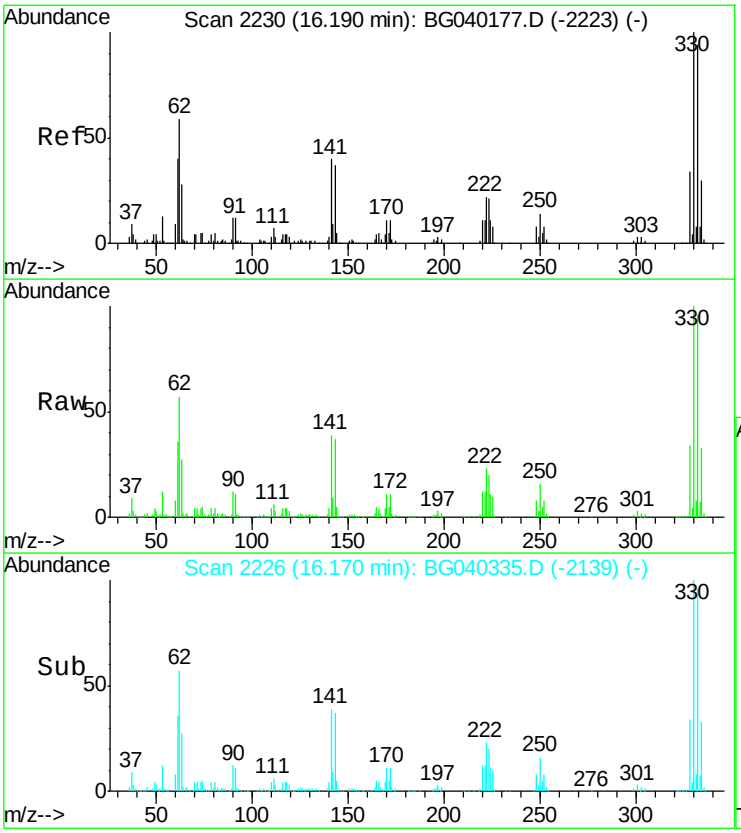
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 166982

Ion	Ratio	Lower	Upper
164	100		
162	99.7	77.4	116.2
160	43.1	35.3	52.9

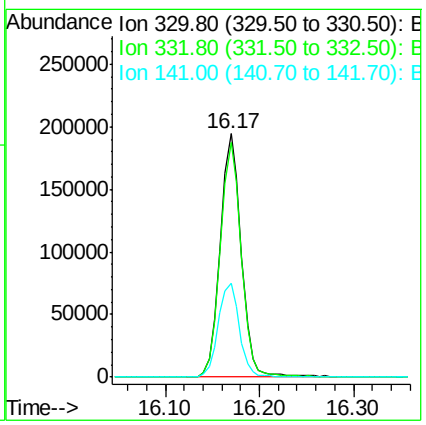


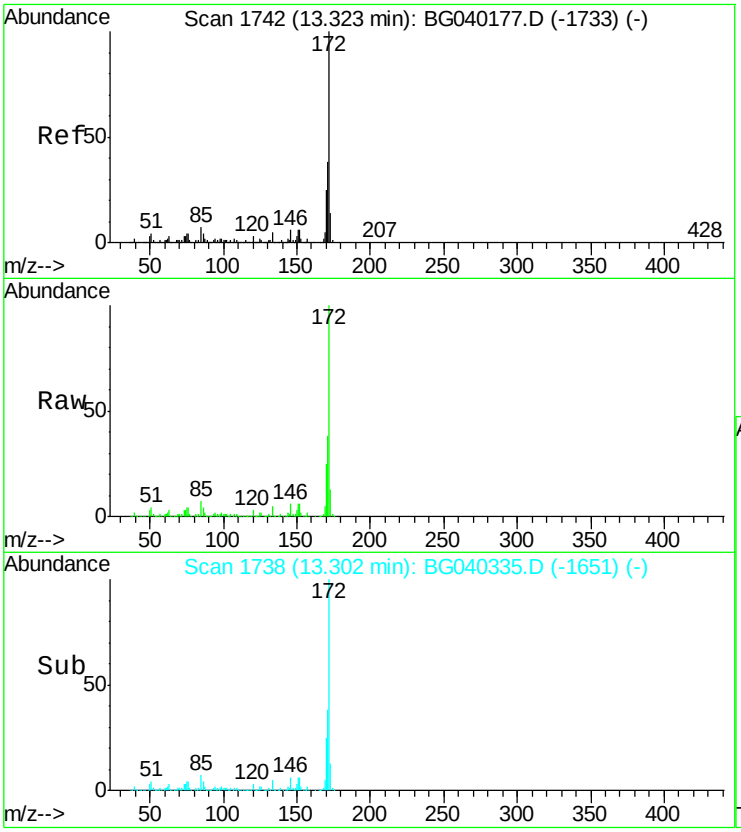


#42
2,4,6-Tribromophenol
Concen: 167.768 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion:330 Resp: 302760

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.5	32.6	48.8



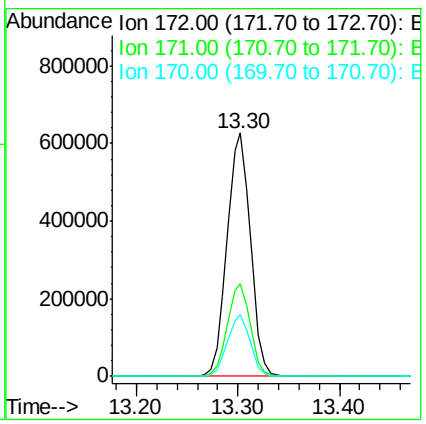


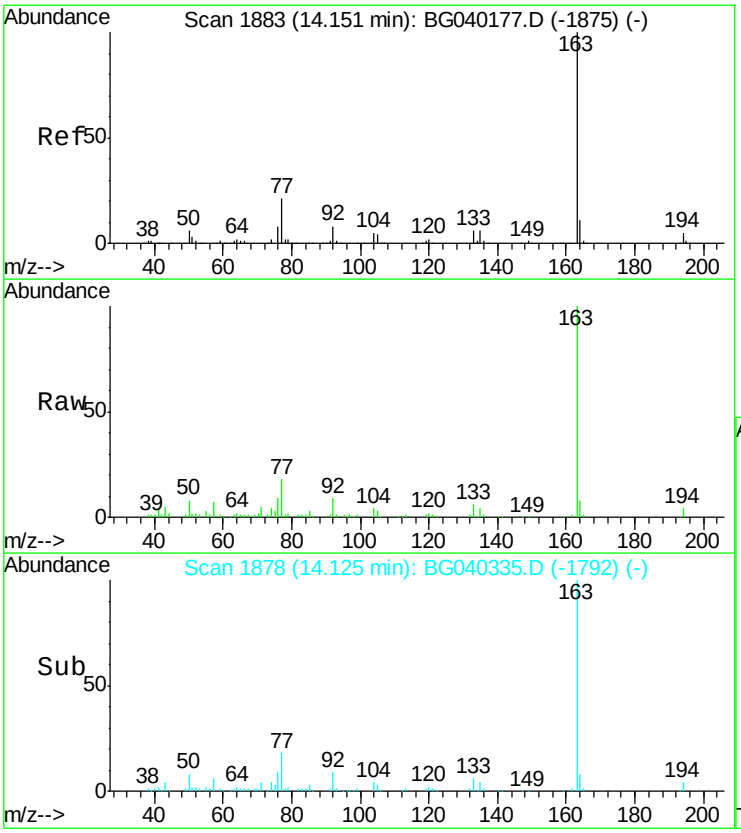
#45
2-Fluorobiphenyl
Concen: 89.013 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 1003098

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	25.2	20.1	30.1

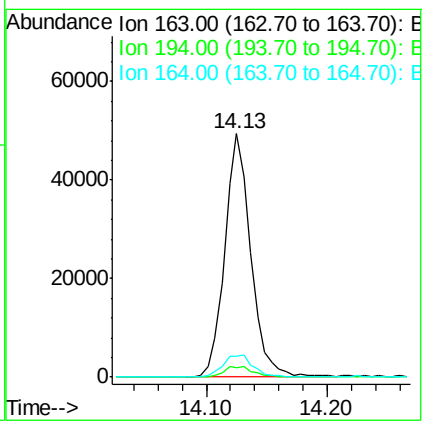


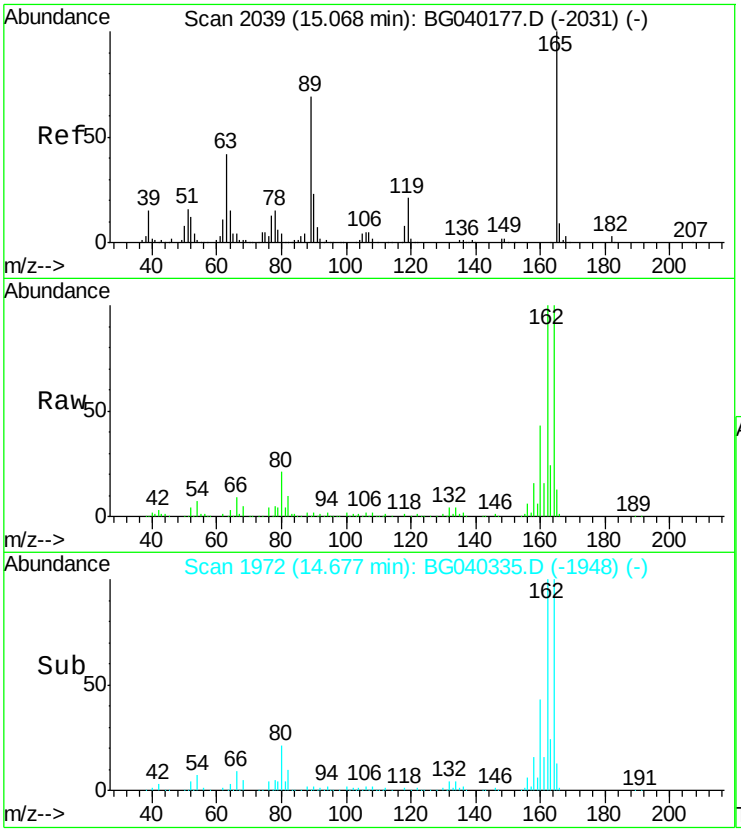


#50
Dimethylphthalate
Concen: 5.646 ng
RT: 14.13 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion:163 Resp: 73781

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.1	6.1#
164	8.5	8.6	13.0#



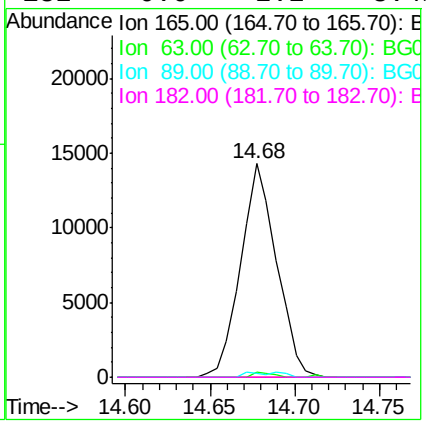


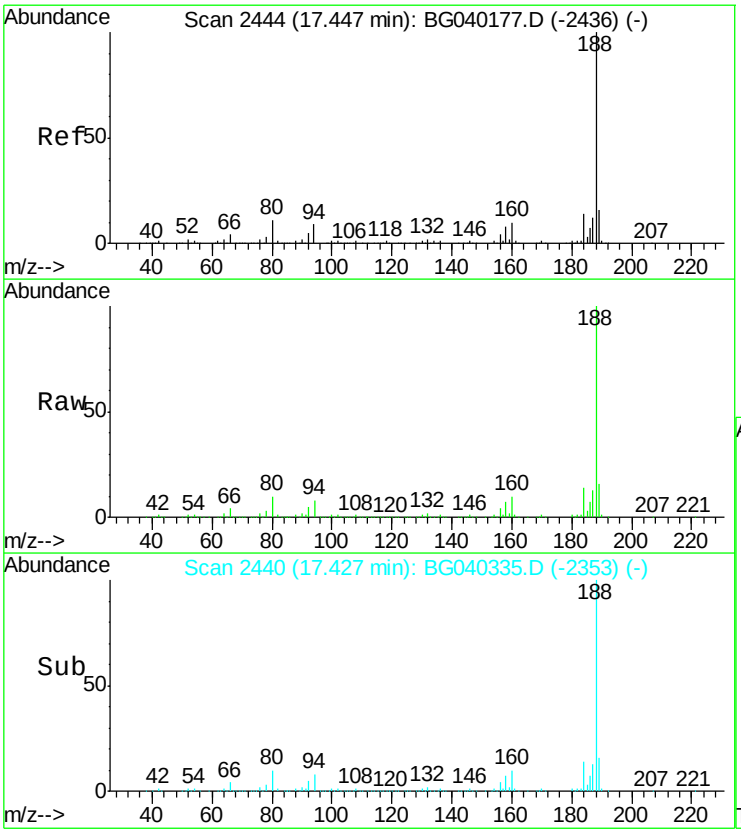
#57
2,4-Dinitrotoluene
Concen: 5.198 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.39 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21193

Ion	Ratio	Lower	Upper
165	100		
63	2.3	33.8	50.6#
89	1.9	55.4	83.2#
182	0.0	2.2	3.4#

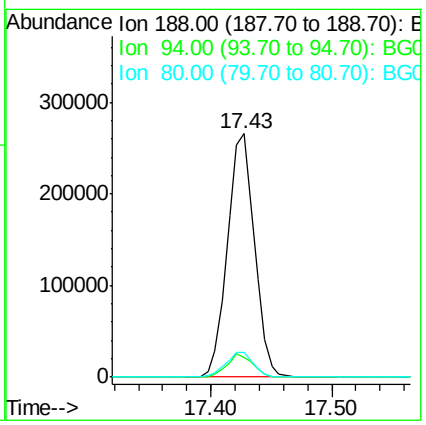


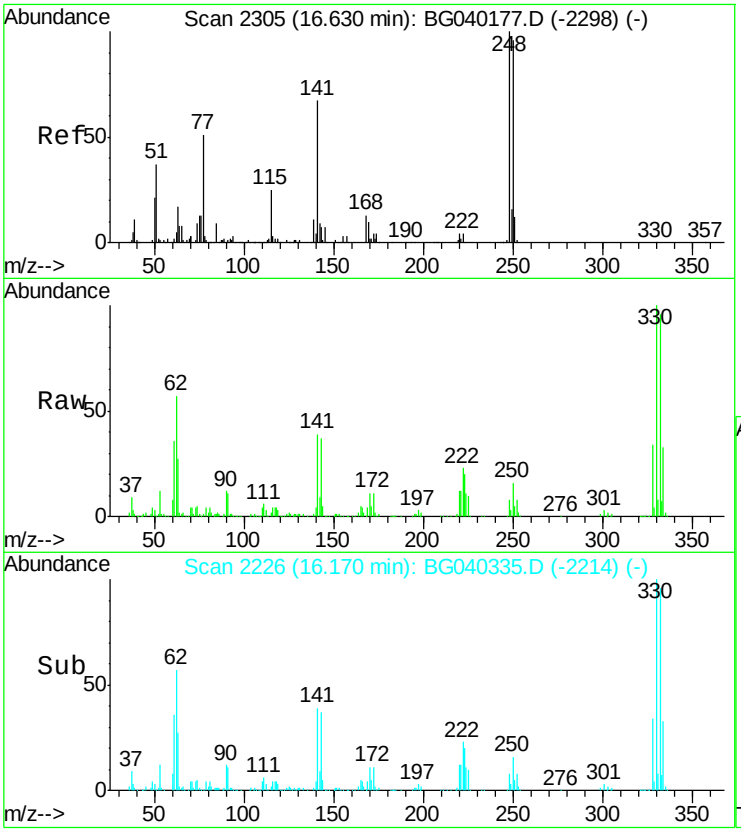


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion:188 Resp: 414737

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.0	10.4
80	10.1	8.6	13.0



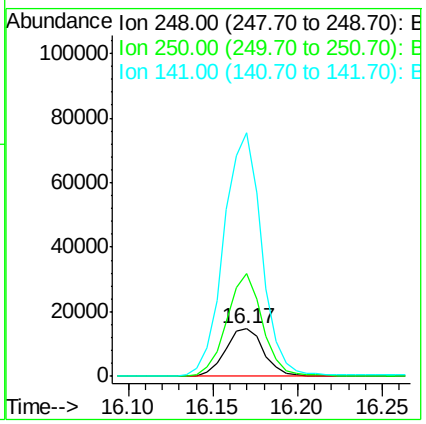


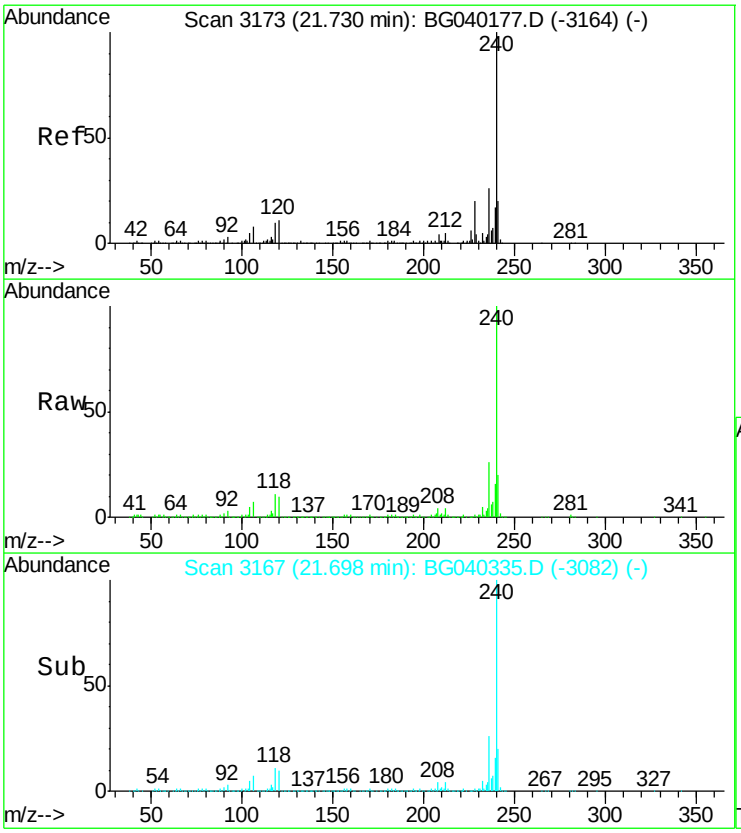
#67
4-Bromophenyl-phenylether
Concen: 4.993 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.46 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23303

Ion	Ratio	Lower	Upper
248	100		
250	217.5	76.4	114.6#
141	515.3	53.8	80.8#

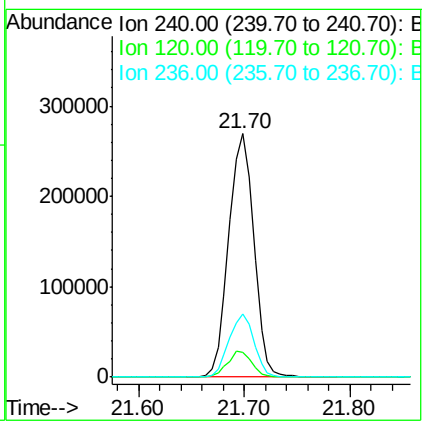


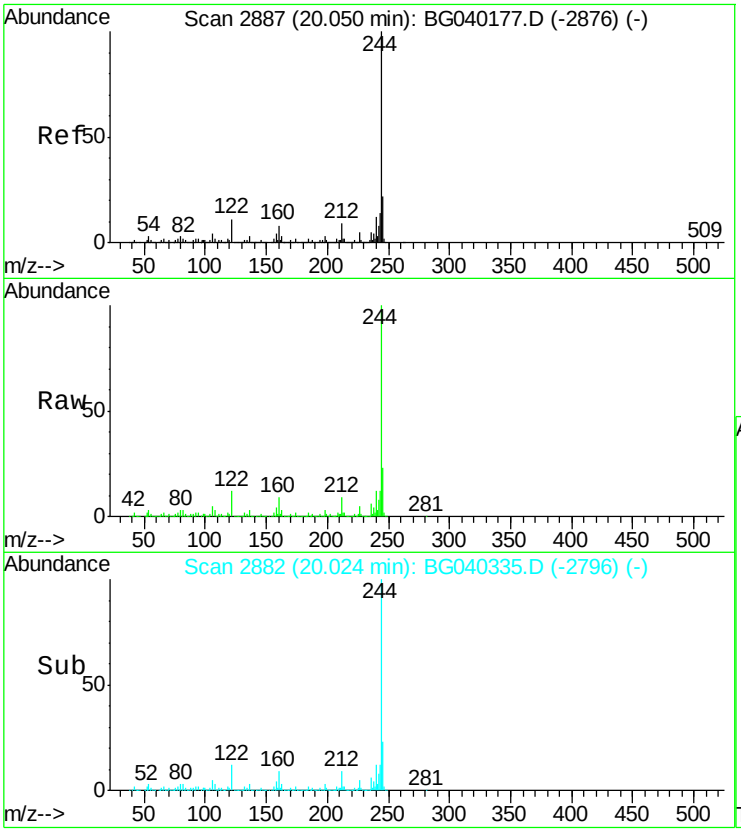


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion:240 Resp: 442473

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	25.8	20.8	31.2



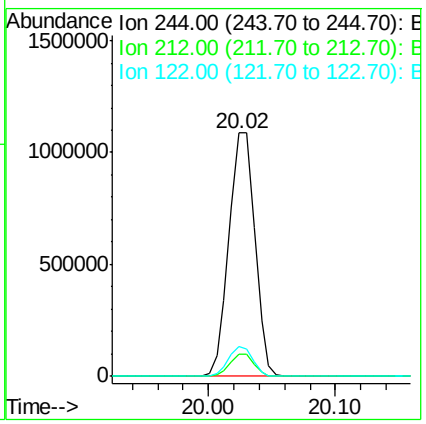


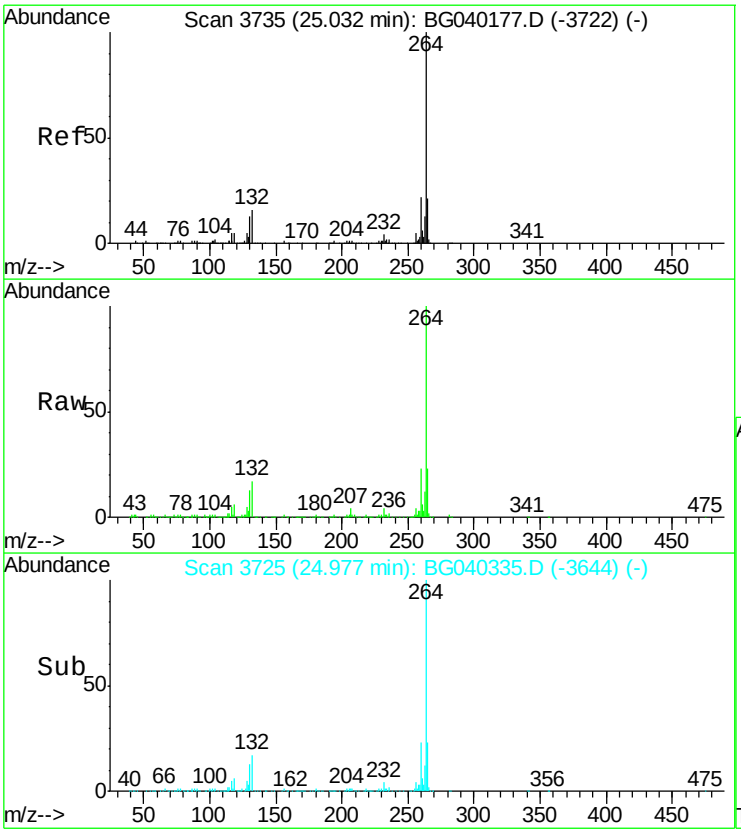
#79
Terphenyl-d14
Concen: 78.343 ng
RT: 20.02 min Scan# 2882
Delta R.T. -0.03 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1540893

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	12.0	8.5	12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040335.D
Acq: 3 Apr 2019 21:07

Tgt Ion:264 Resp: 449790

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	22.7	16.8	25.2