Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
Data File : BG038104.D
Acq On : 21 Nov 2018 4:37
Operator : JU/SJ
Sample : J5763-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-111918-B

Quant Time: Nov 21 07:22:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44756	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	186443	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	118511	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	270069	20.00	ng	0.00
76) Chrysene-d12	21.75	240	263277	20.00	ng	0.00
87) Perylene-d12	25.08	264	256135	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	294303	113.53	ng	0.00
7) Phenol-d6	7.23	99	366751	99.12	ng	0.00
23) Nitrobenzene-d5	9.26	82	297463	85.41	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	133800	98.99	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	638814	78.53	ng	0.00
79) Terphenyl-d14	20.07	244	1023054	91.43	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	38911	14.533	ng	# 74
32) Benzoic acid	10.17	122	62	12.360	ng	# 20
51) 2,6-Dinitrotoluene	14.72	165	15627	7.349	ng	# 25
54) 2,4-Dinitrophenol	14.81	184	64	9.333	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15627	5.401	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	9401	3.171	ng	# 1

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

Quantitation Report (Not Reviewed)

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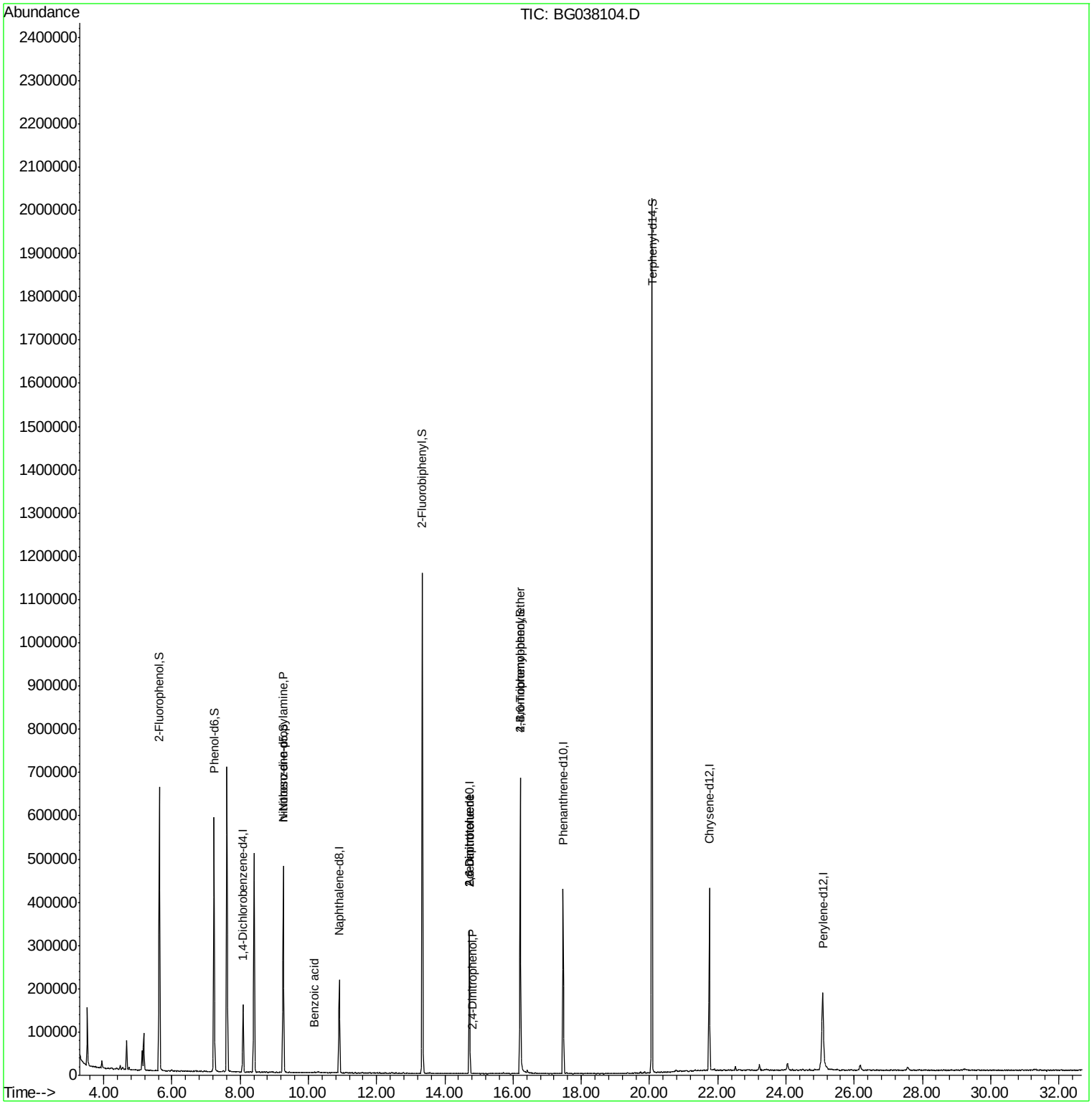
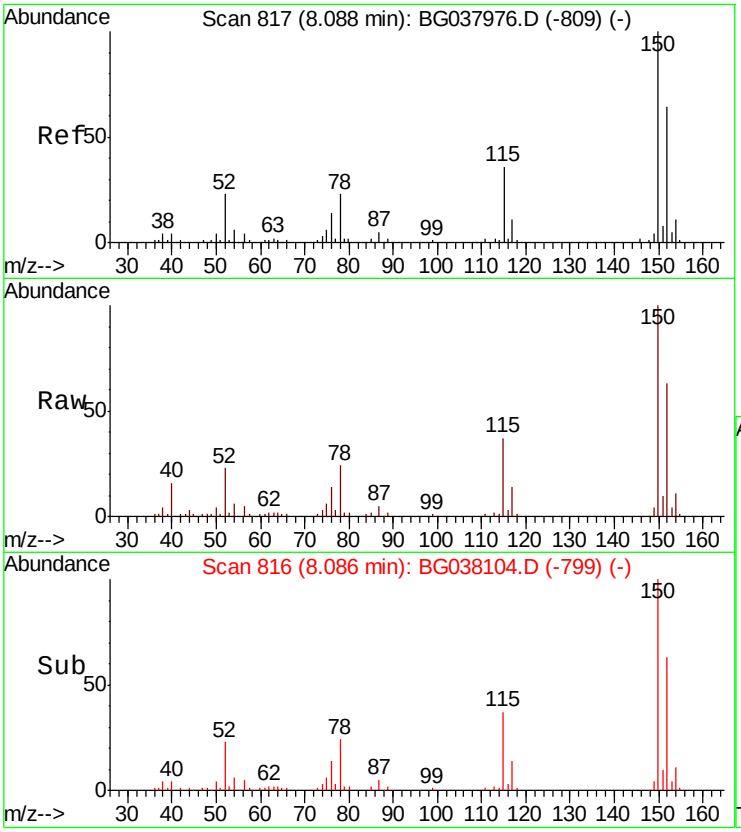


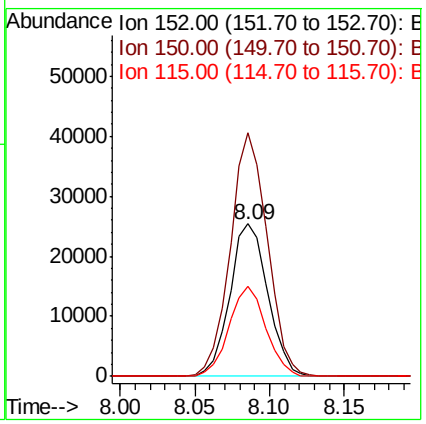


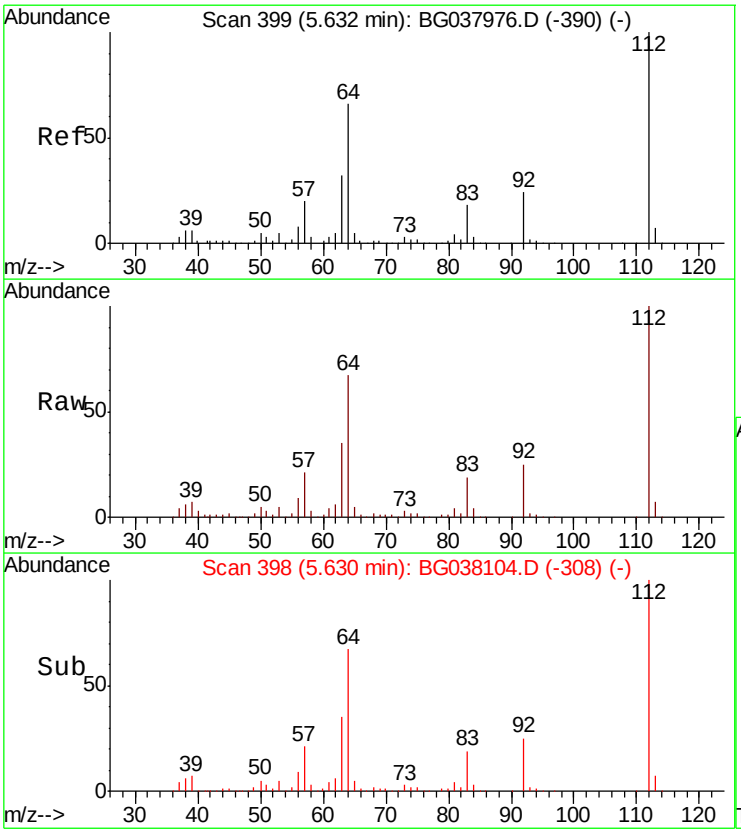
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:152 Resp: 44756

Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.0	189.0
115	58.8	45.5	68.3

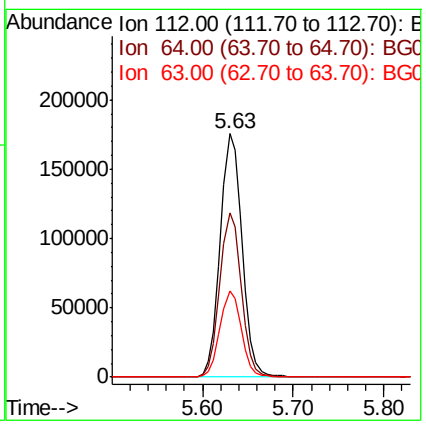


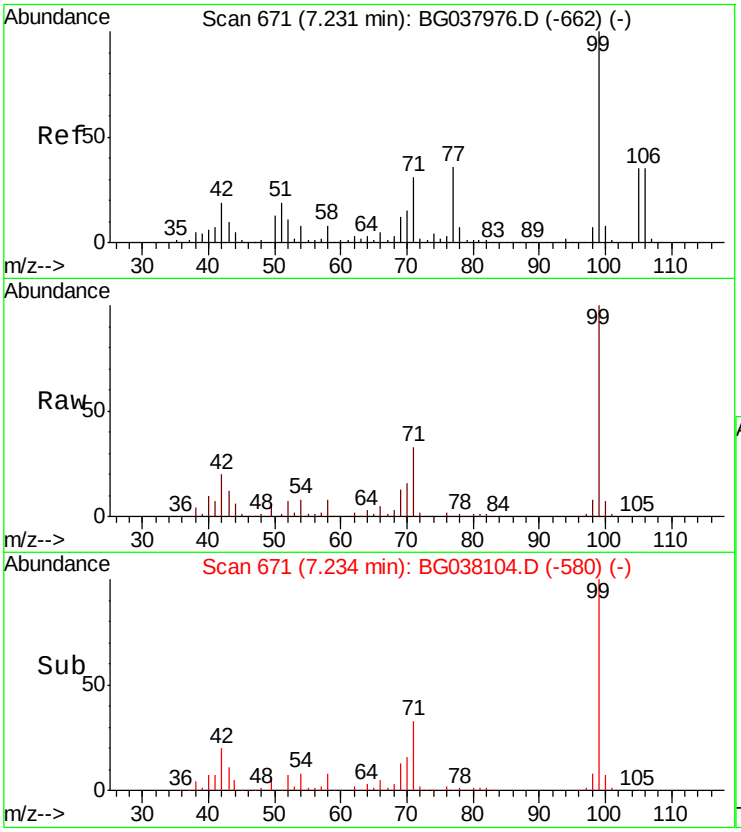


#5
2-Fluorophenol
Concen: 113.534 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:112 Resp: 294303

Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.1	79.7
63	35.4	27.3	40.9



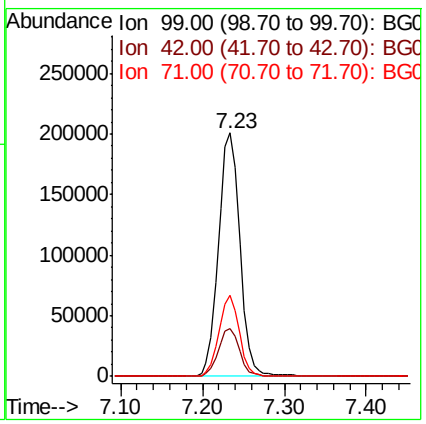


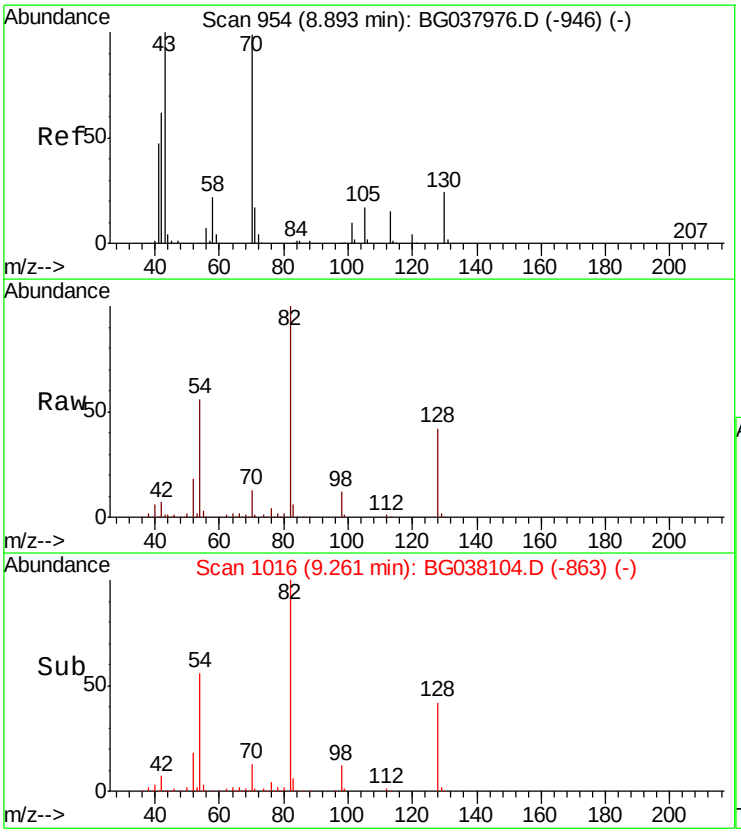
#7
Phenol-d6
Concen: 99.116 ng
RT: 7.23 min Scan# 671
Delta R.T. 0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion: 99 Resp: 366751

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.0	22.4
71	33.3	25.5	38.3

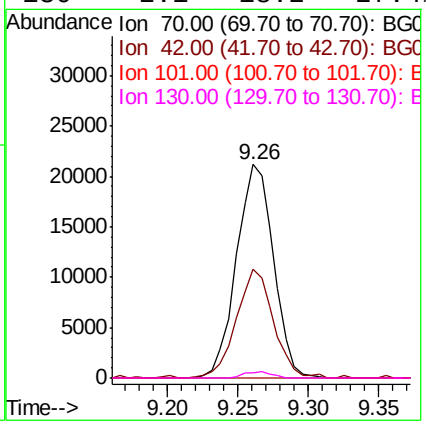


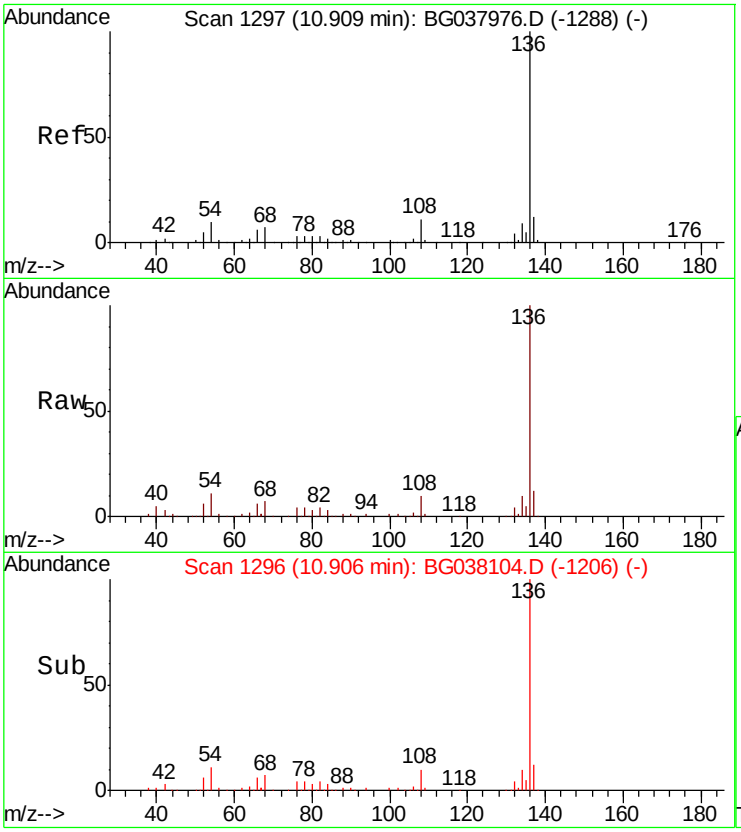


#19
n-Nitroso-di-n-propylamine
Concen: 14.533 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.37 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion: 70 Resp: 38911

Ion	Ratio	Lower	Upper
70	100		
42	50.8	53.9	80.9#
101	0.0	8.2	12.2#
130	2.1	18.2	27.4#



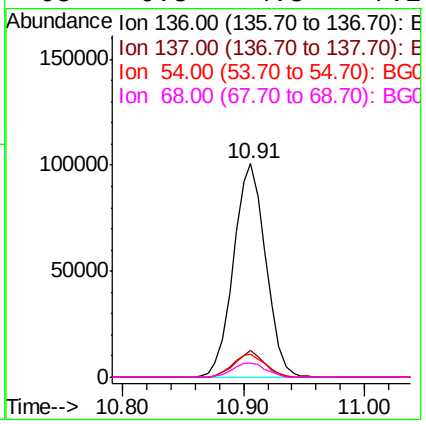


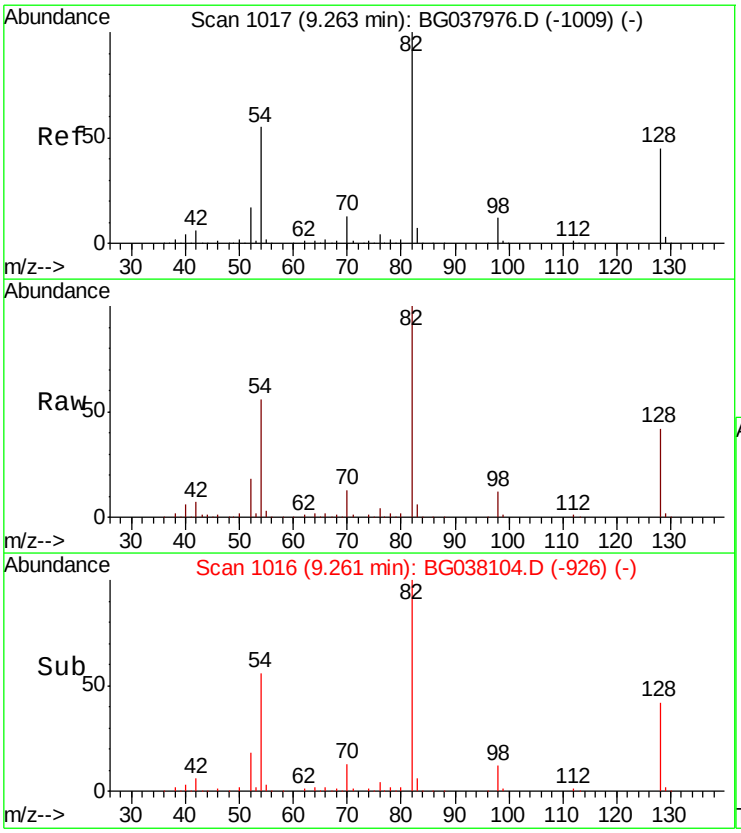
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:136 Resp: 186443

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.6	14.4
54	11.0	7.9	11.9
68	6.8	4.8	7.2

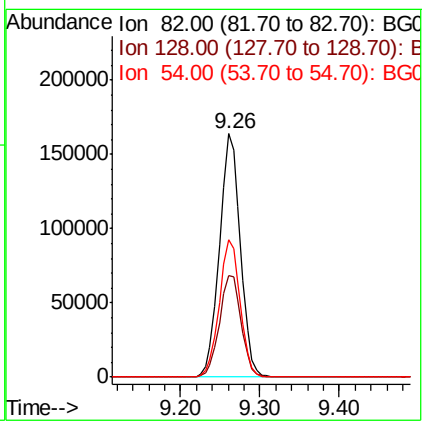


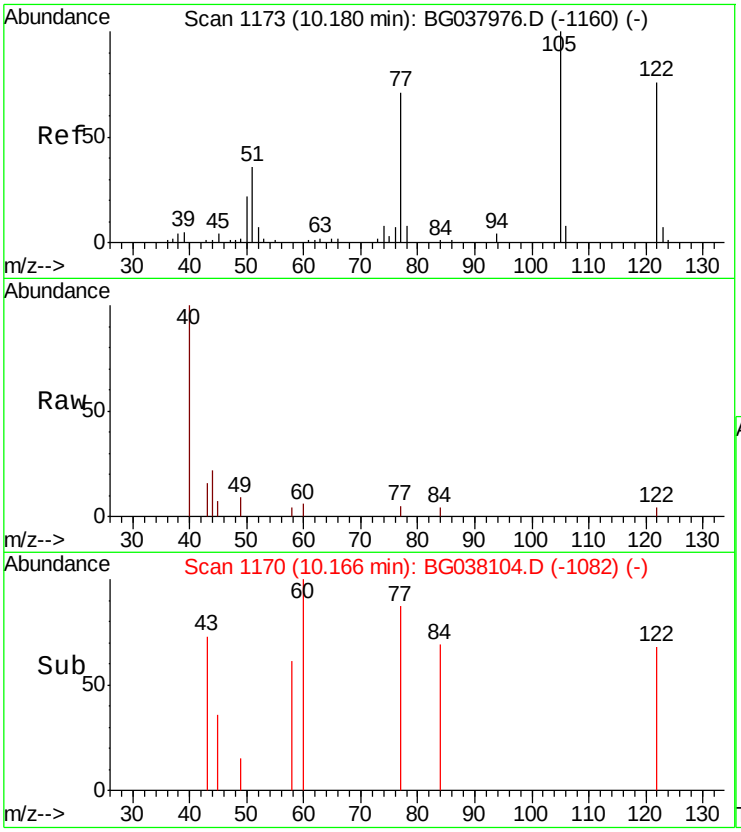


#23
Nitrobenzene-d5
Concen: 85.406 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion: 82 Resp: 297463

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	51.8
54	56.4	45.3	67.9



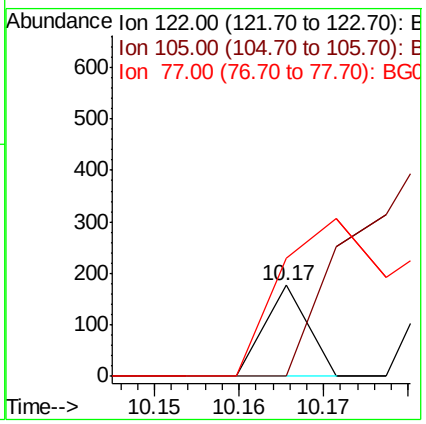


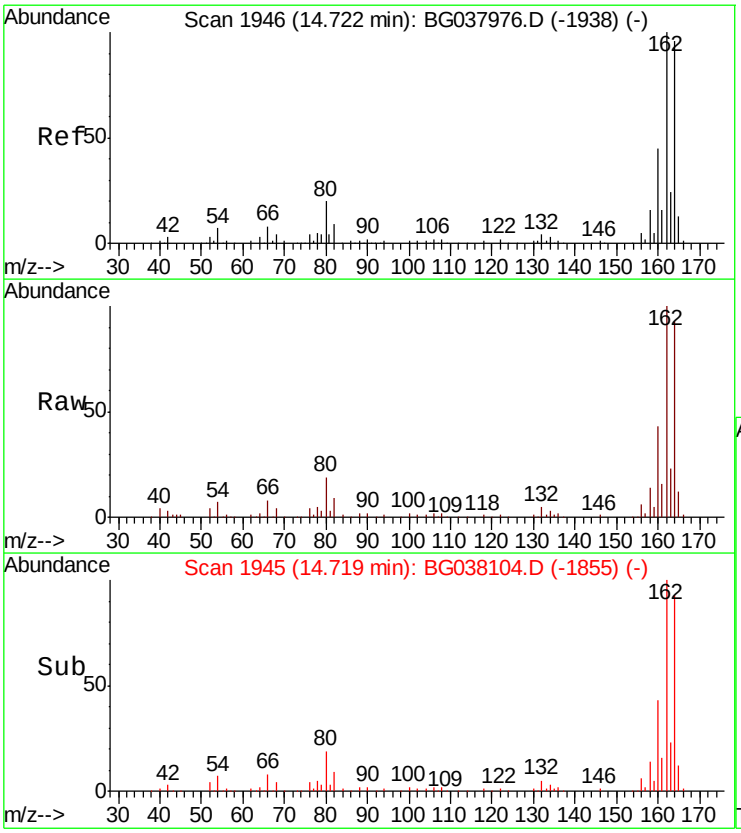
#32
Benzoic acid
Concen: 12.360 ng
RT: 10.17 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:122 Resp: 62

Ion	Ratio	Lower	Upper
122	100		
105	0.0	106.7	146.7#
77	129.4	72.2	112.2#

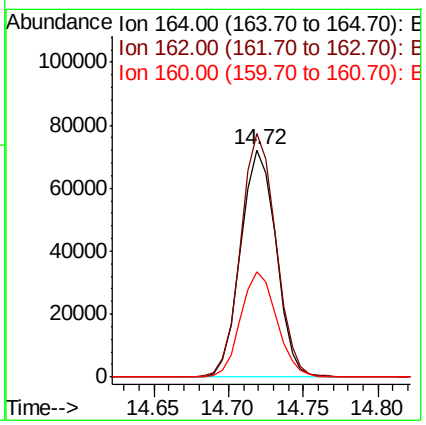


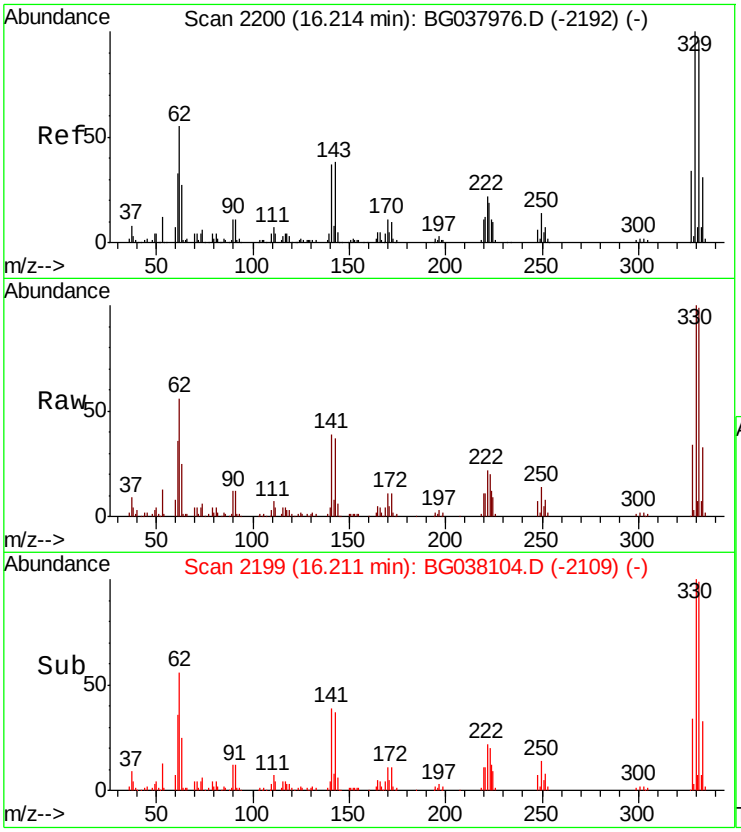


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:164 Resp: 118511

Ion	Ratio	Lower	Upper
164	100		
162	107.3	81.3	121.9
160	46.5	36.3	54.5



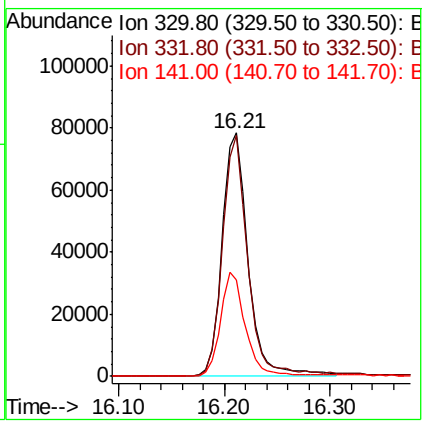


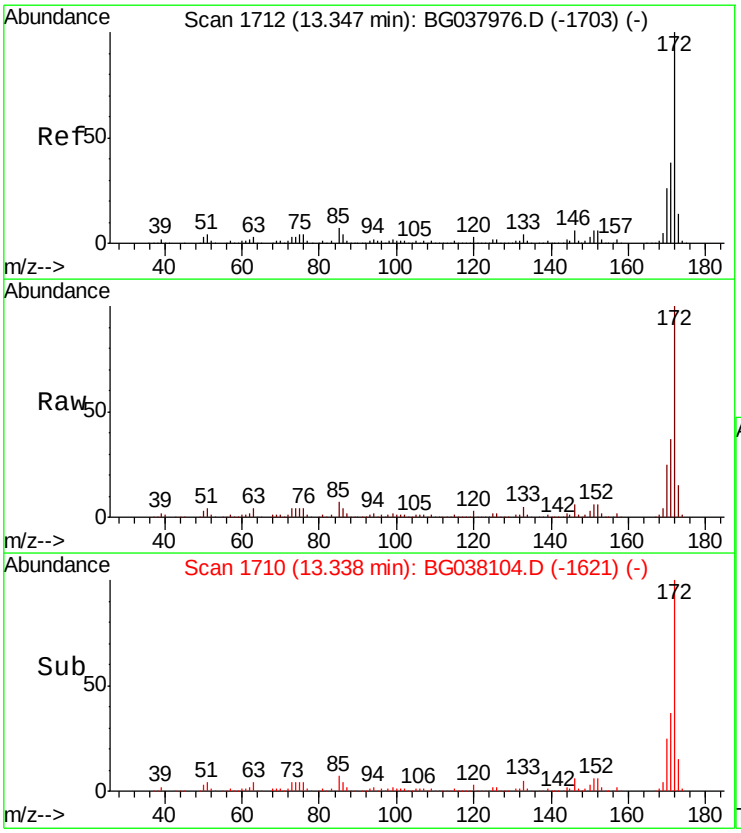
#42
2,4,6-Tribromophenol
Concen: 98.995 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:330 Resp: 133800

Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.4	117.6
141	41.0	32.2	48.2

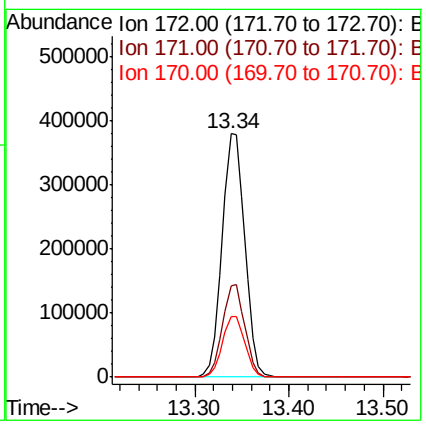


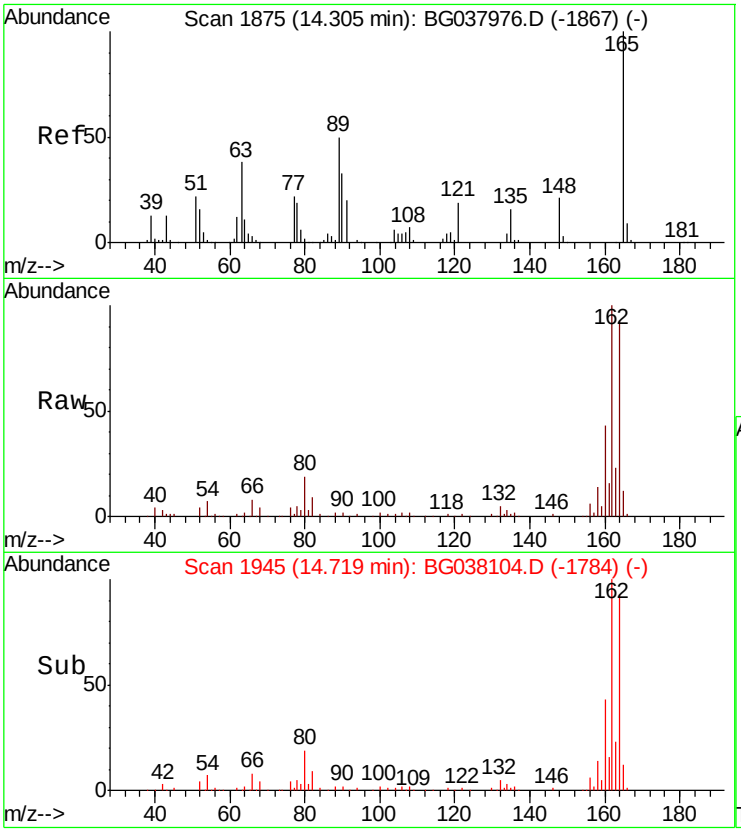


#45
2-Fluorobiphenyl
Concen: 78.529 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:172 Resp: 638814

Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.9	20.2	30.2



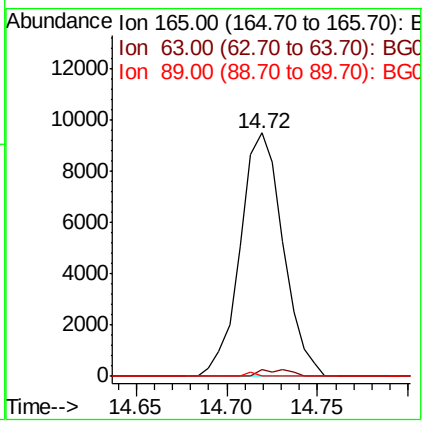


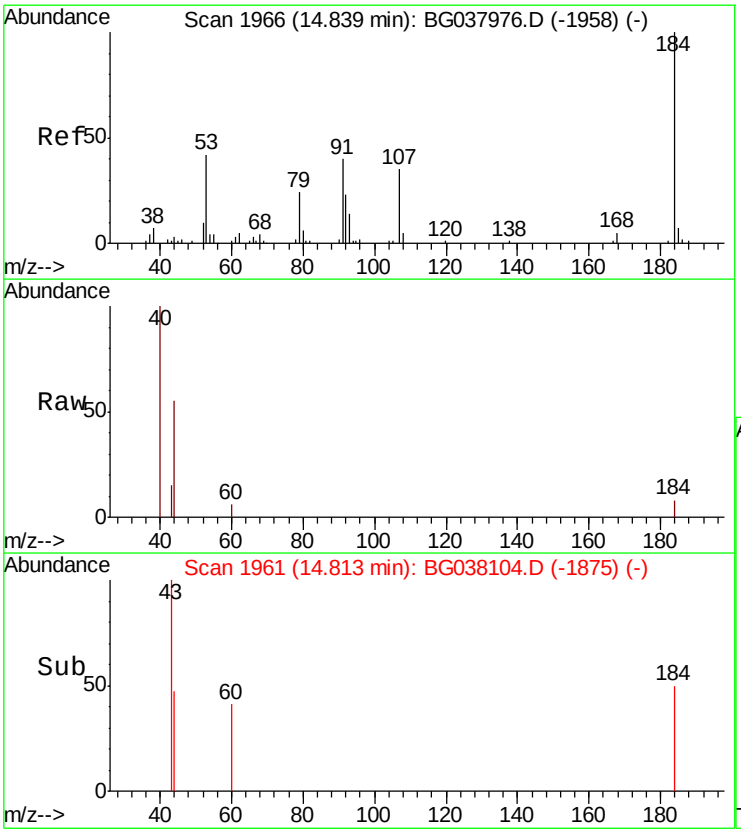
#51
2,6-Dinitrotoluene
Concen: 7.349 ng
RT: 14.72 min Scan# 1945
Delta R.T. 0.41 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:165 Resp: 15627

Ion	Ratio	Lower	Upper
165	100		
63	2.9	43.4	65.2#
89	0.0	45.8	68.6#

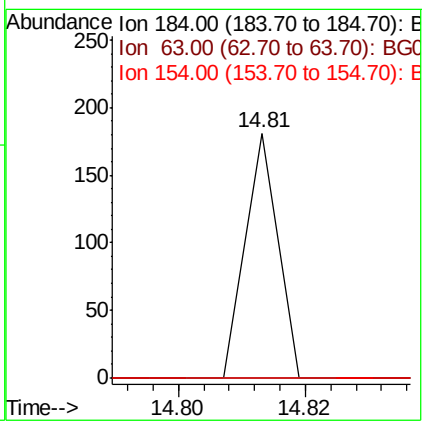


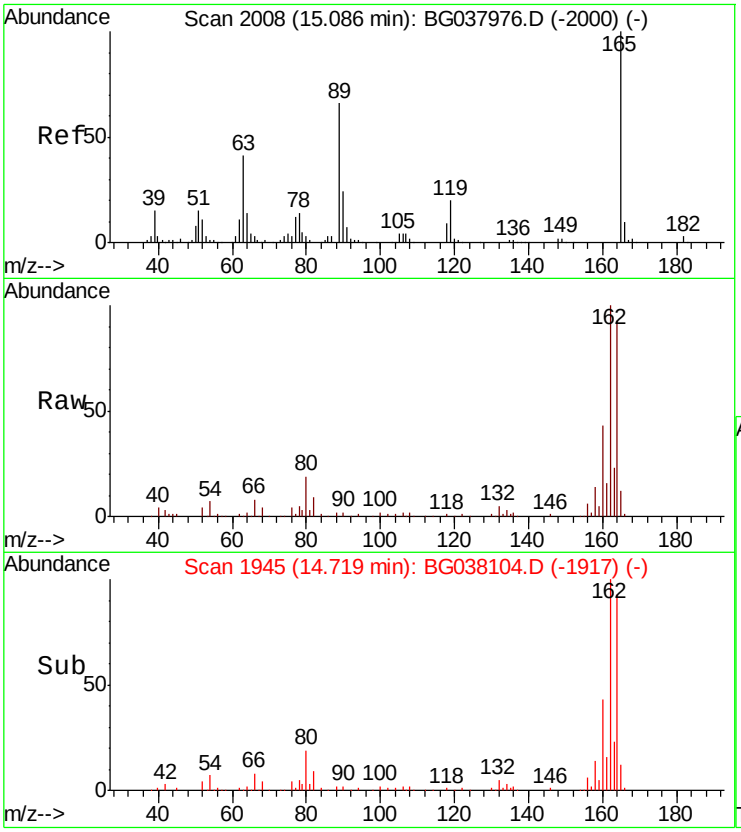


#54
2,4-Dinitrophenol
Concen: 9.333 ng
RT: 14.81 min Scan# 1961
Delta R.T. -0.03 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:184 Resp: 64

Ion	Ratio	Lower	Upper
184	100		
63	0.0	42.6	63.8#
154	0.0	41.8	62.6#



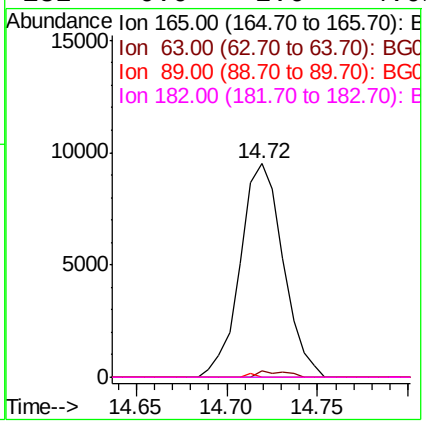


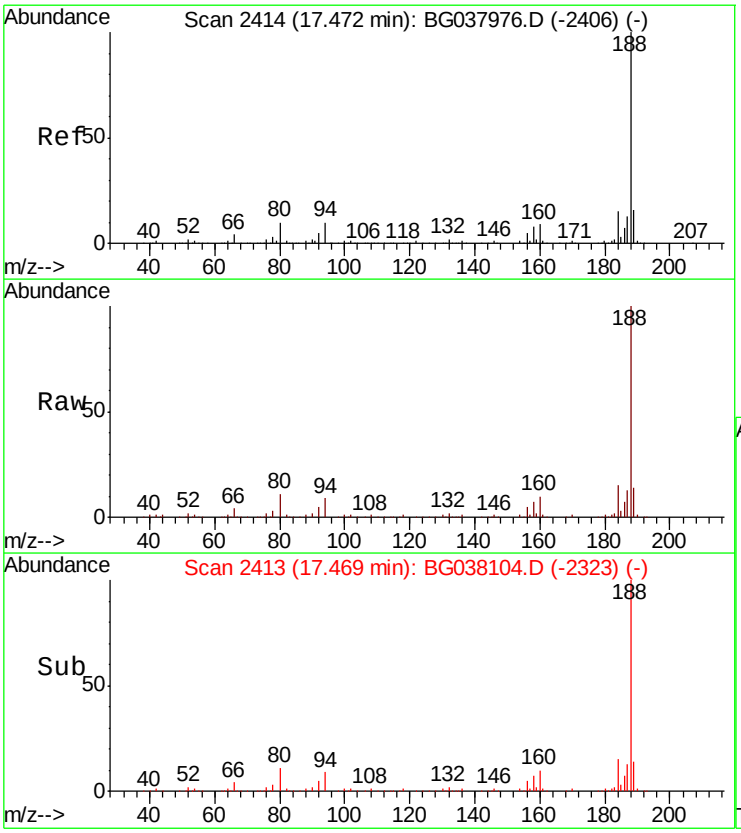
#57
2,4-Dinitrotoluene
Concen: 5.401 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.37 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:165 Resp: 15627

Ion	Ratio	Lower	Upper
165	100		
63	2.9	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

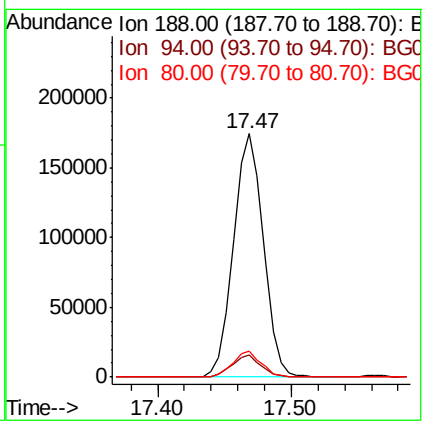


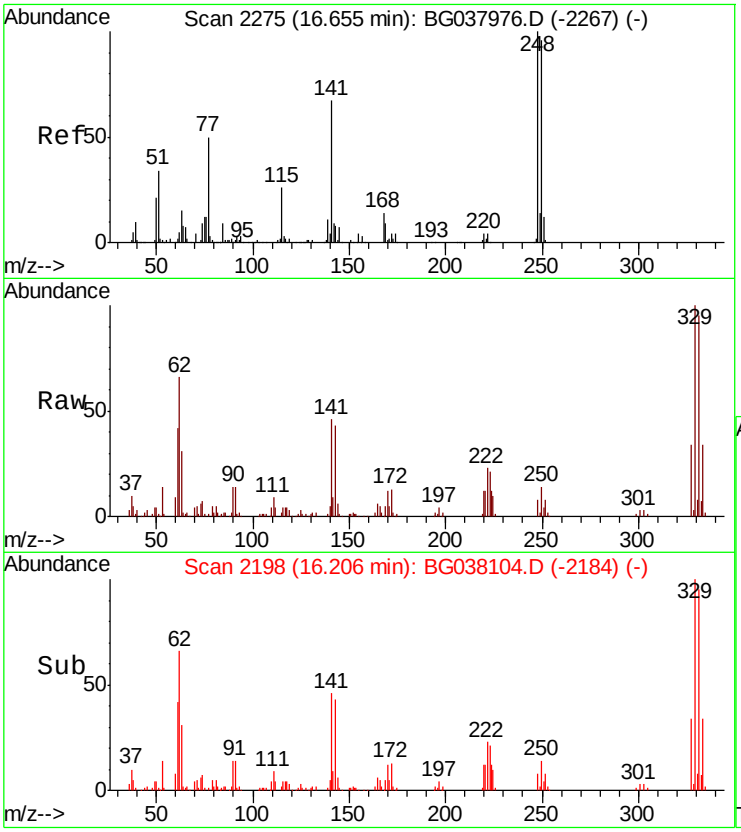


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:188 Resp: 270069

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.7	7.7	11.5



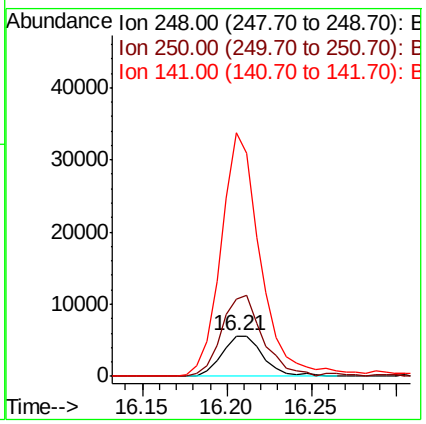


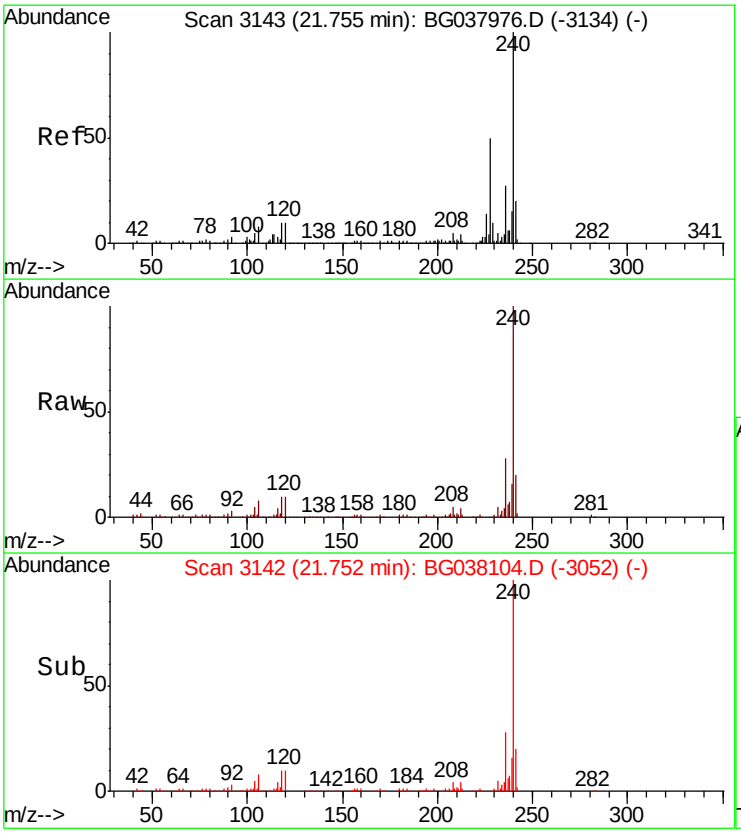
#67
4-Bromophenyl-phenylether
Concen: 3.171 ng
RT: 16.21 min Scan# 2198
Delta R.T. -0.45 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:248 Resp: 9401

Ion	Ratio	Lower	Upper
248	100		
250	191.1	77.0	115.6#
141	469.8	55.5	83.3#

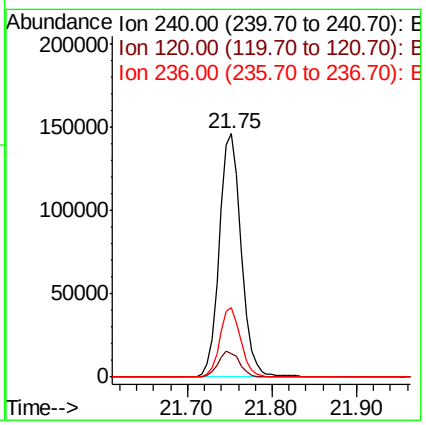


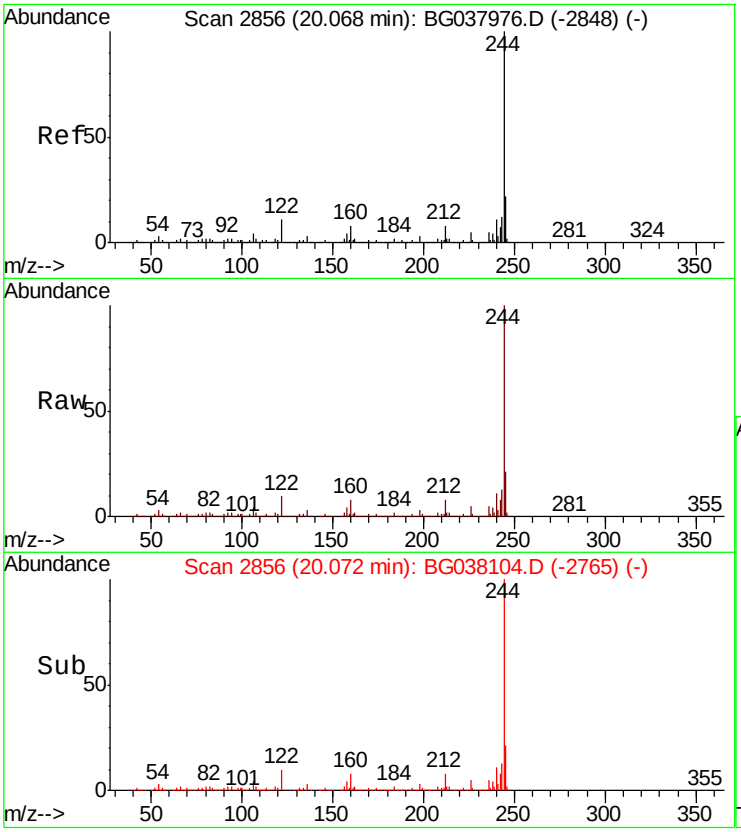


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:240 Resp: 263277

Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.1	12.1
236	28.5	21.4	32.0



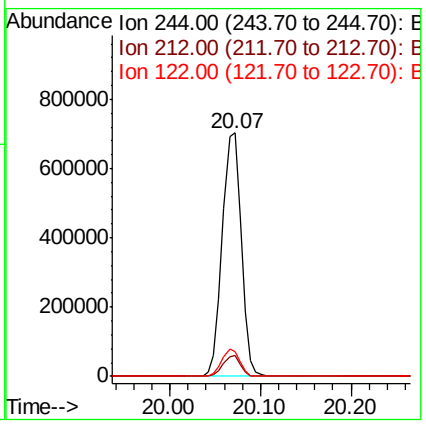


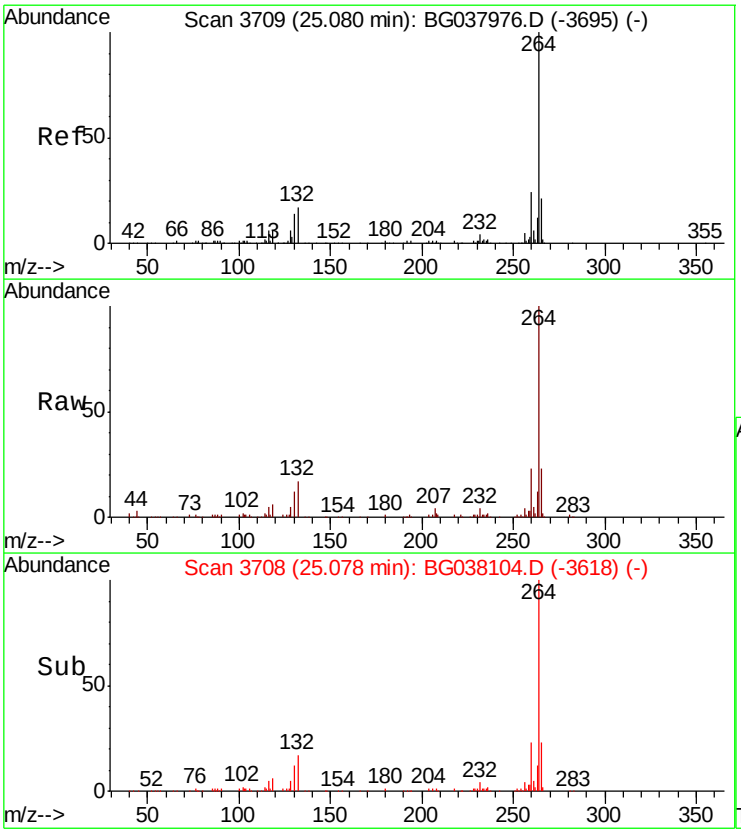
#79
Terphenyl-d14
Concen: 91.434 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-B

Tgt Ion:244 Resp: 1023054

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.00 min
Lab File: BG038104.D
Acq: 21 Nov 2018 4:37

Tgt Ion:264 Resp: 256135

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.2	27.4
265	22.9	17.9	26.9