Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042419\
Data File : BG040588.D
Acq On : 24 Apr 2019 11:35
Operator : JU/SJ
Sample : K2515-24
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 24 13:32:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43894	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	168663	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	121380	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	326915	20.00	ng	0.00
76) Chrysene-d12	21.82	240	370316	20.00	ng	0.00
87) Perylene-d12	25.20	264	390758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	283901	114.01	ng	0.00
7) Phenol-d6	7.29	99	352729	92.00	ng	0.00
23) Nitrobenzene-d5	9.34	82	353943	96.96	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	244191	146.36	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	746636	88.84	ng	0.00
79) Terphenyl-d14	20.13	244	1653616	98.93	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.29	77	1093	Below Cal	#	6
19) n-Nitroso-di-n-propylamine	9.34	70	53010	15.360	ng	# 79
51) 2,6-Dinitrotoluene	14.78	165	15913	8.028	ng	# 13
54) 2,4-Dinitrophenol	14.96	184	61	7.064	ng	# 21
57) 2,4-Dinitrotoluene	14.78	165	15913	5.908	ng	# 16
65) 4,6-Dinitro-2-methylphenol	15.73	198	71	7.139	ng	# 1
67) 4-Bromophenyl-phenylether	16.27	248	18107	4.446	ng	# 1
77) Benzidine	20.13	184	35275	3.479	ng	# 94

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

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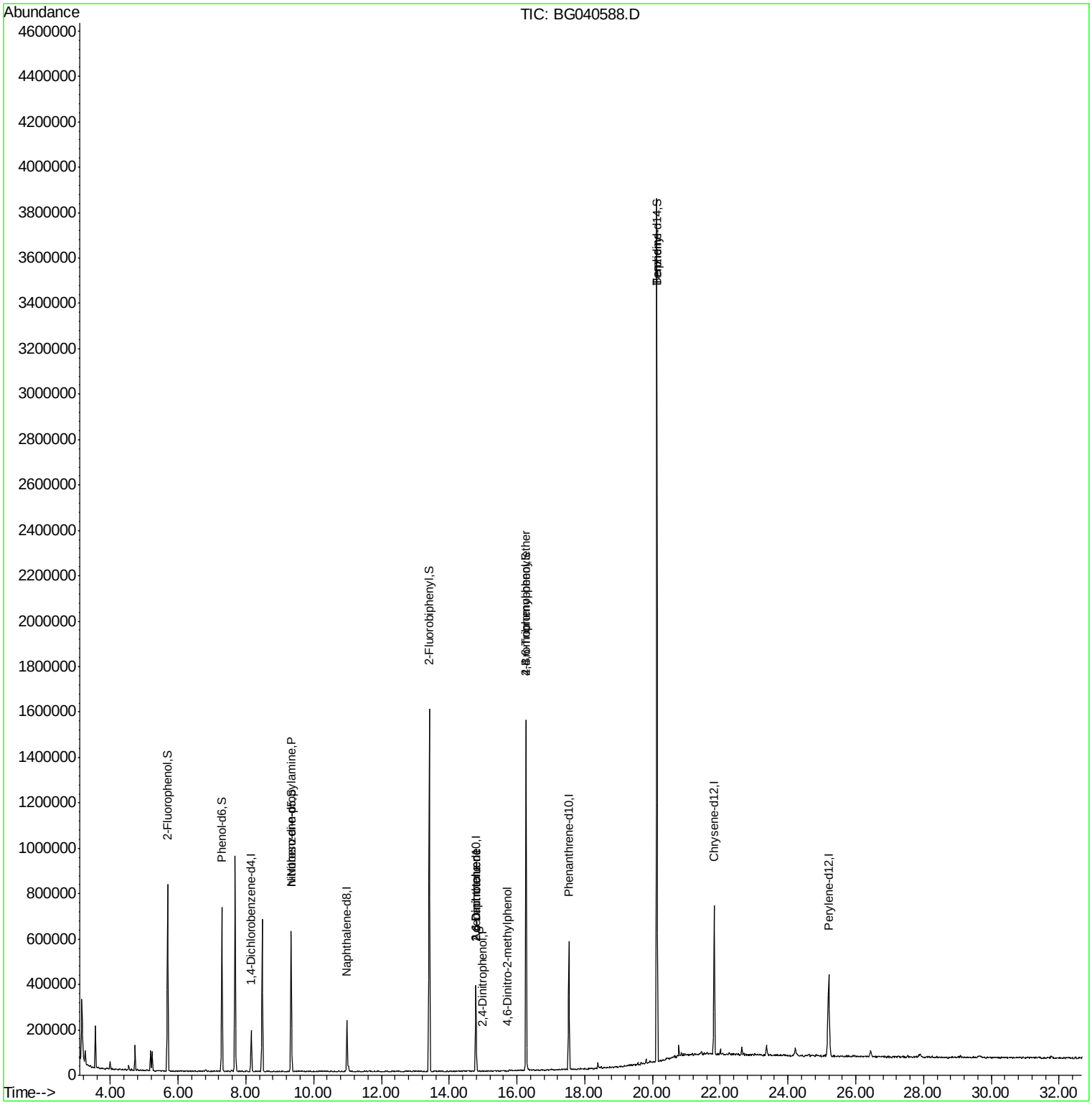
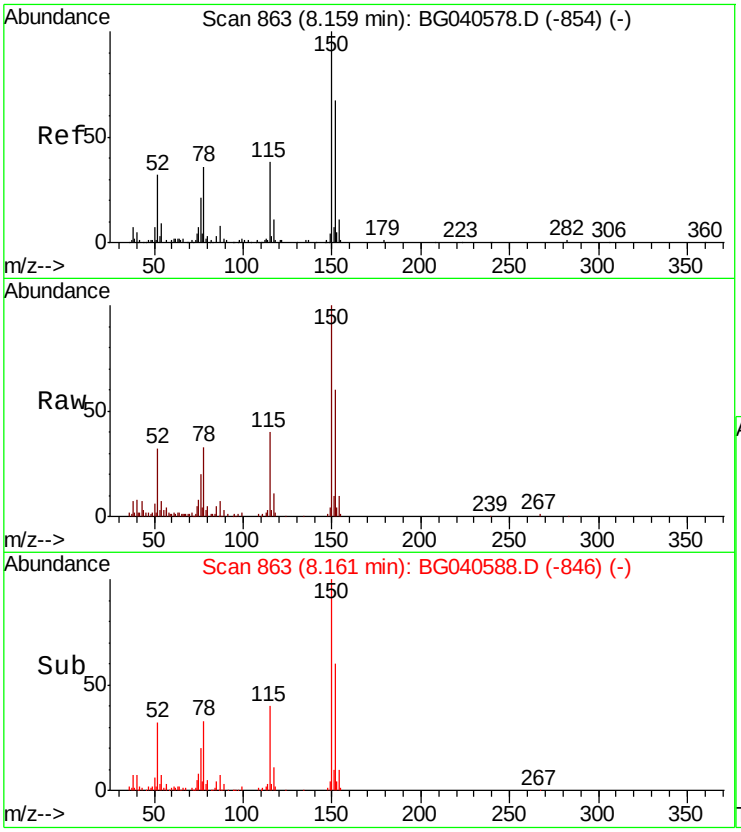


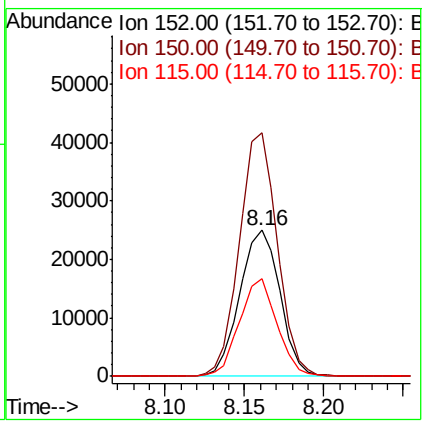


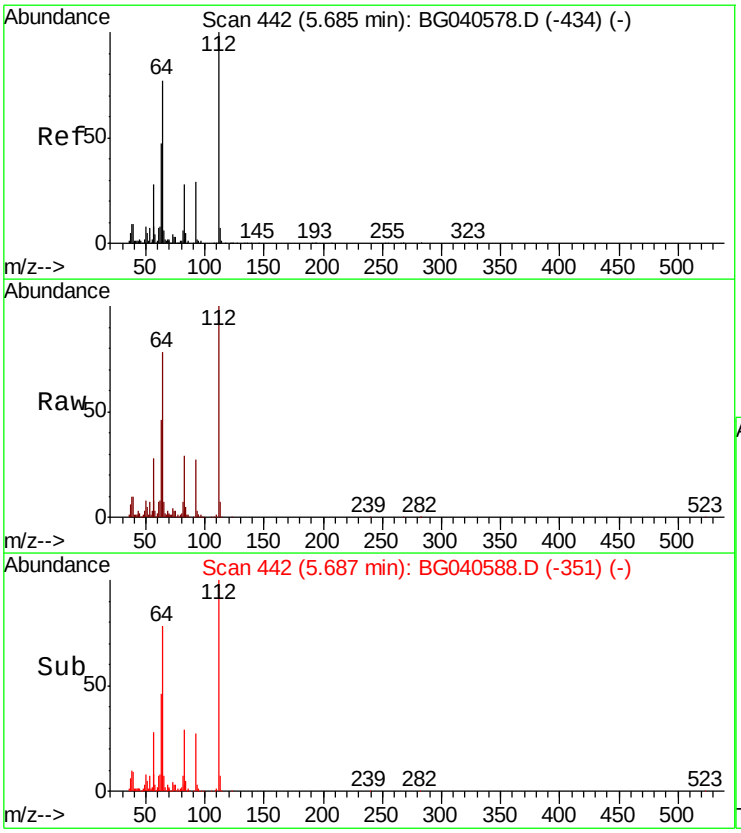
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43894

Ion	Ratio	Lower	Upper
152	100		
150	166.7	120.2	180.2
115	66.7	46.2	69.2

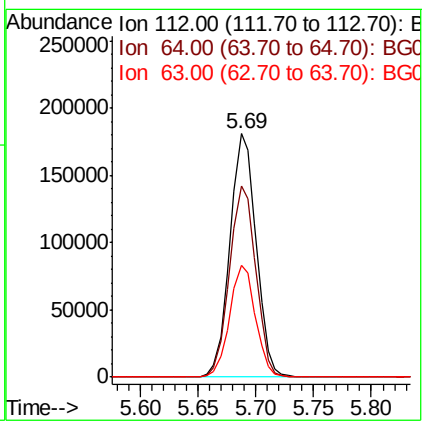


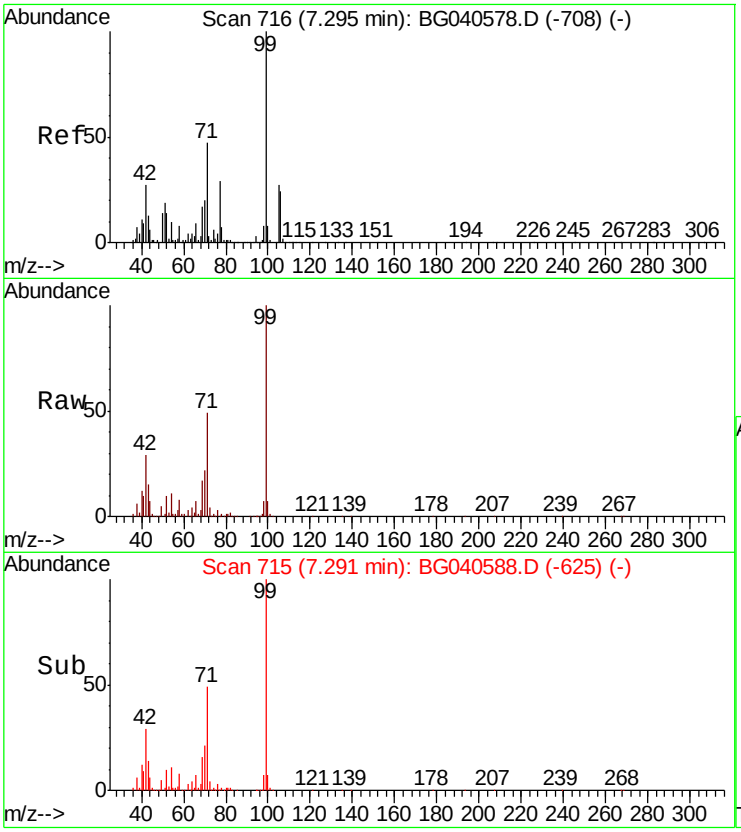


#5
2-Fluorophenol
Concen: 114.013 ng
RT: 5.69 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:112 Resp: 283901

Ion	Ratio	Lower	Upper
112	100		
64	78.4	61.4	92.0
63	46.0	37.8	56.6



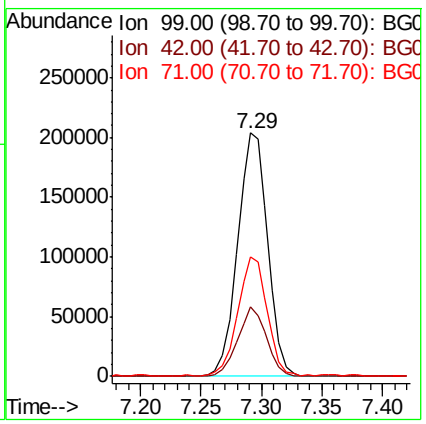


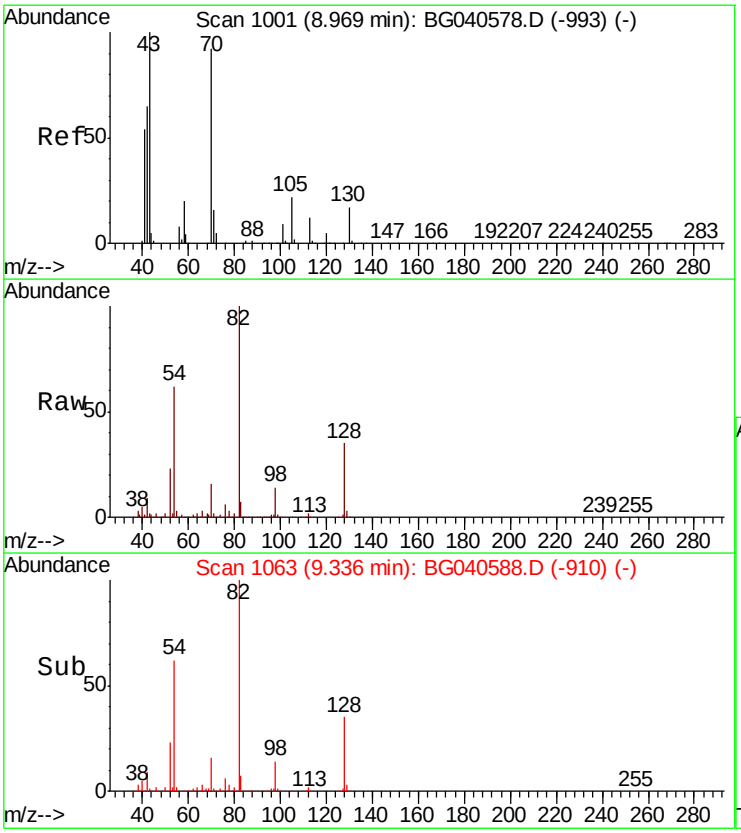
#7
Phenol-d6
Concen: 92.000 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 352729

Ion	Ratio	Lower	Upper
99	100		
42	28.6	21.8	32.8
71	49.2	38.6	57.8

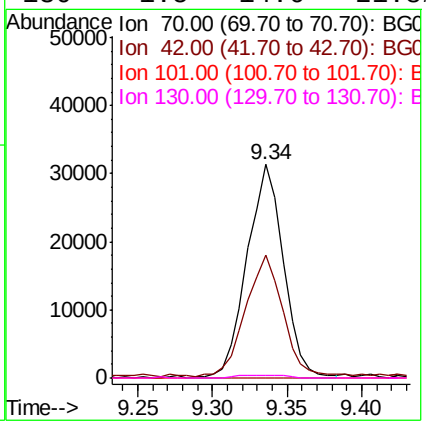


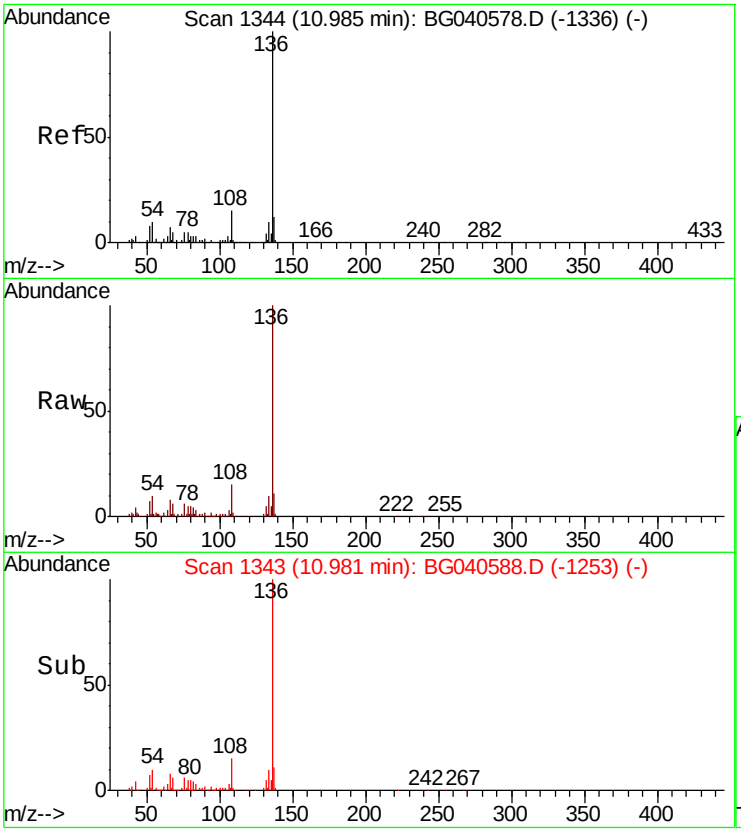


#19
n-Nitroso-di-n-propylamine
Concen: 15.360 ng
RT: 9.34 min Scan# 1063
Delta R.T. 0.37 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion: 70 Resp: 53010

Ion	Ratio	Lower	Upper
70	100		
42	57.7	57.1	85.7
101	0.0	7.8	11.8#
130	1.5	14.6	21.8#



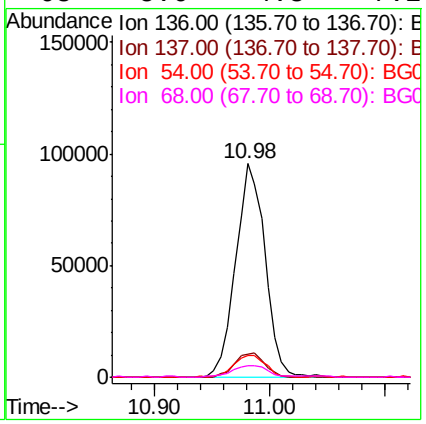


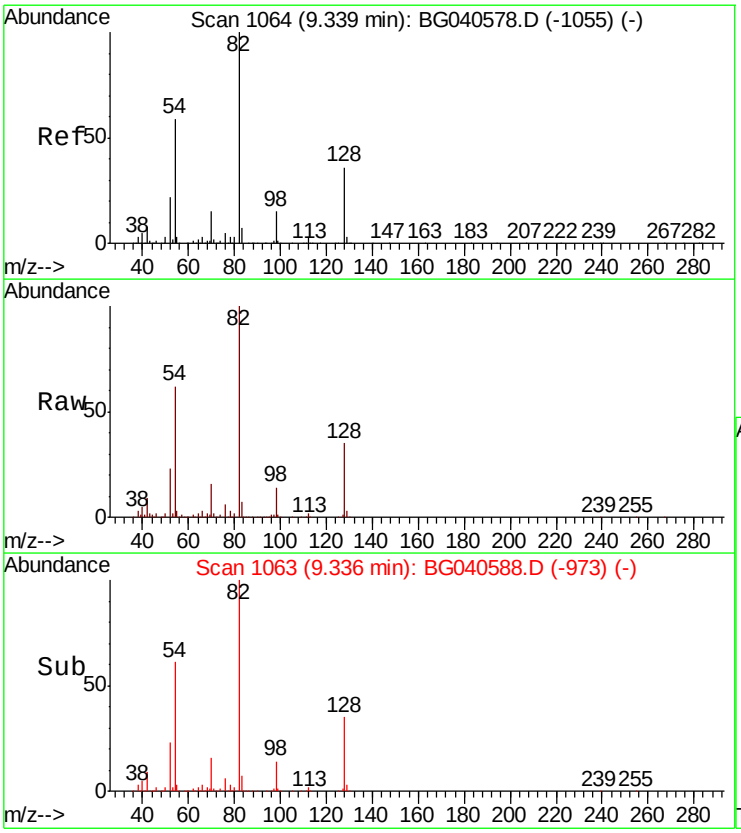
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 168663

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.7	14.5
54	10.4	8.6	12.8
68	5.6	4.8	7.2

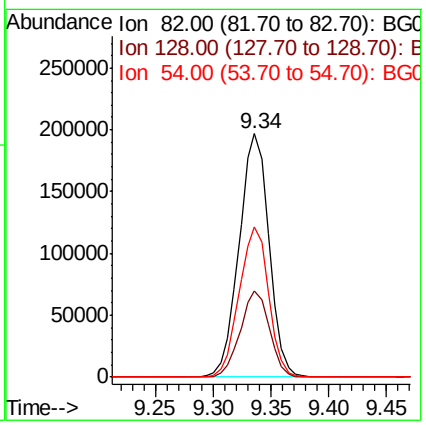


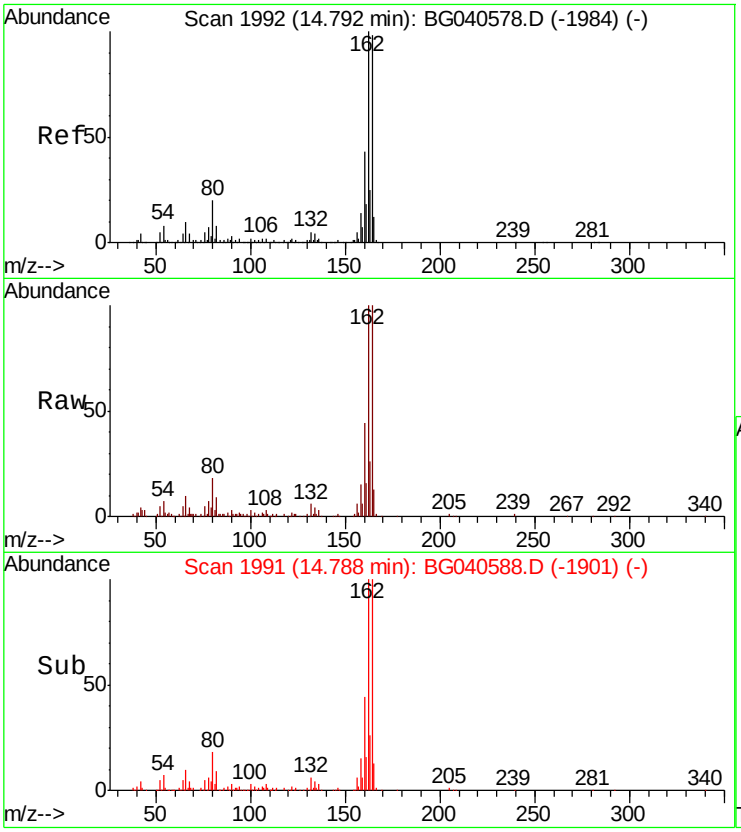


#23
Nitrobenzene-d5
Concen: 96.965 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion: 82 Resp: 353943

Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	61.6	47.2	70.8



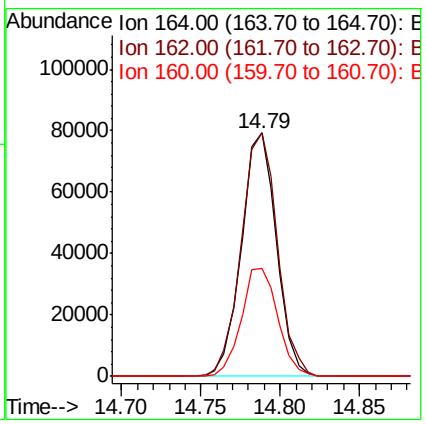


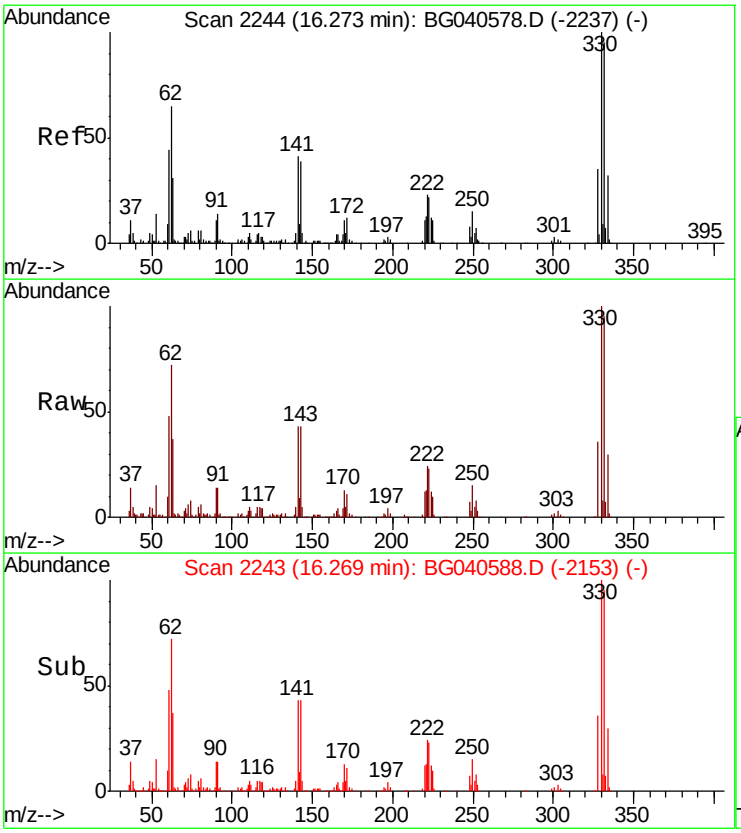
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 121380

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.9	122.9
160	44.4	35.4	53.2

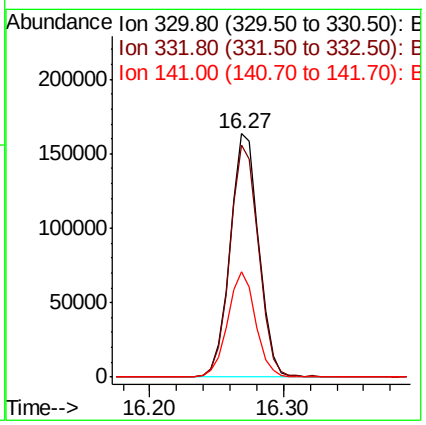


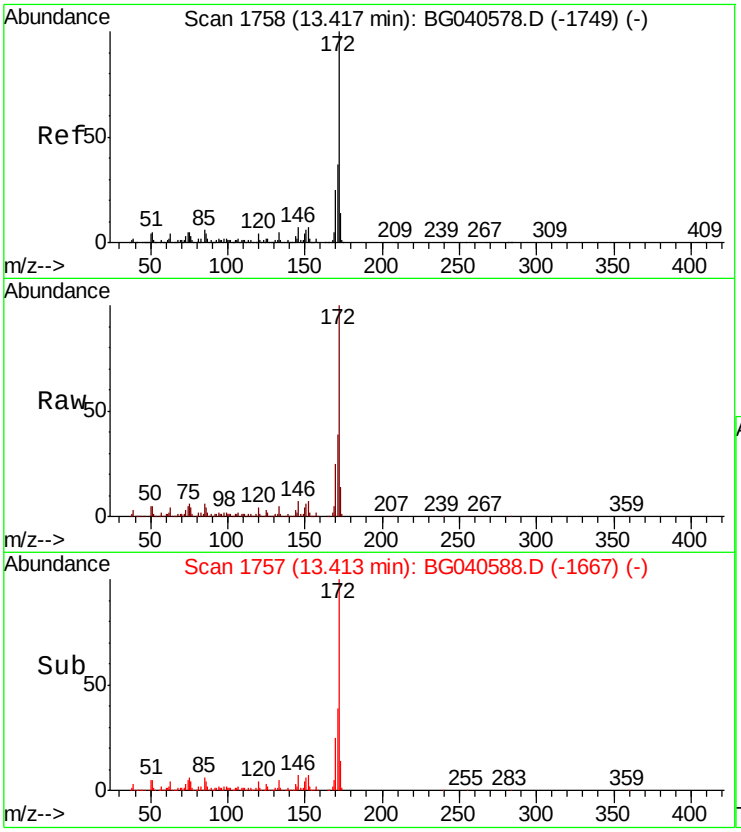


#42
2,4,6-Tribromophenol
Concen: 146.363 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:330 Resp: 244191

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.9	113.9
141	42.3	32.4	48.6



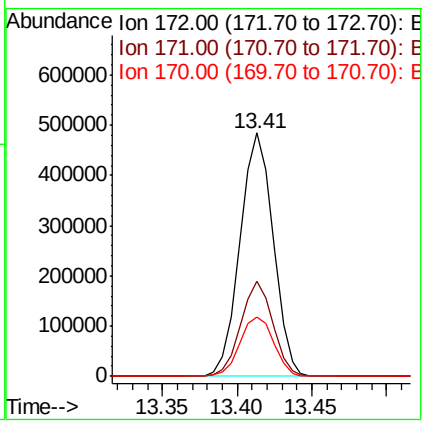


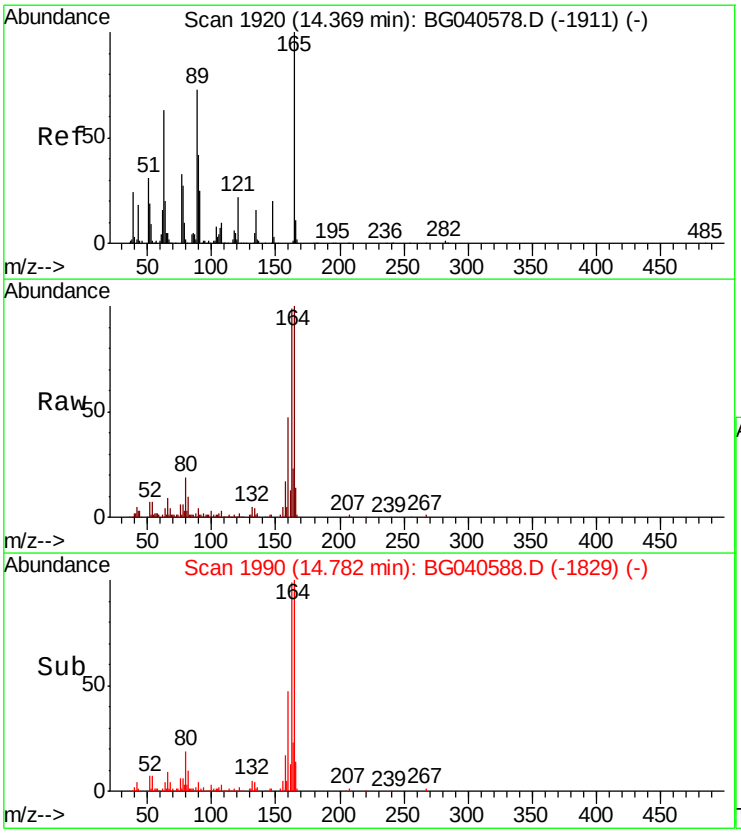
#45
2-Fluorobiphenyl
Concen: 88.836 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 746636

Ion	Ratio	Lower	Upper
172	100		
171	39.0	29.4	44.2
170	24.6	19.9	29.9

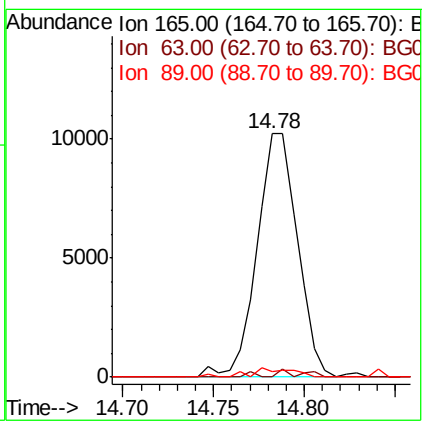


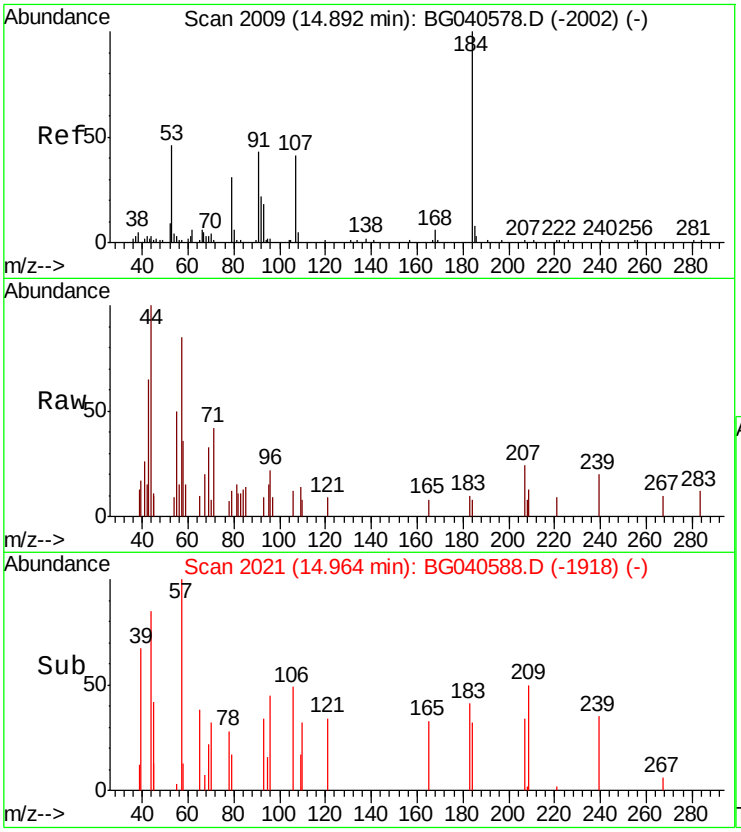


#51
2,6-Dinitrotoluene
Concen: 8.028 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.41 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:165 Resp: 15913

Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	2.4	58.6	87.8#



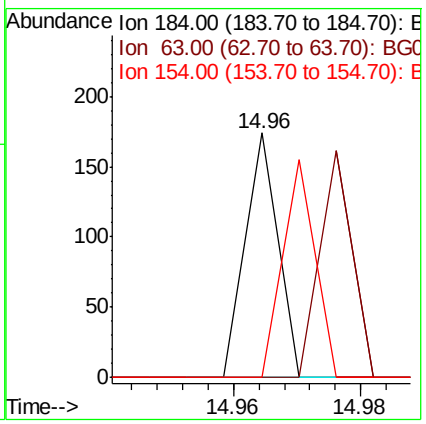


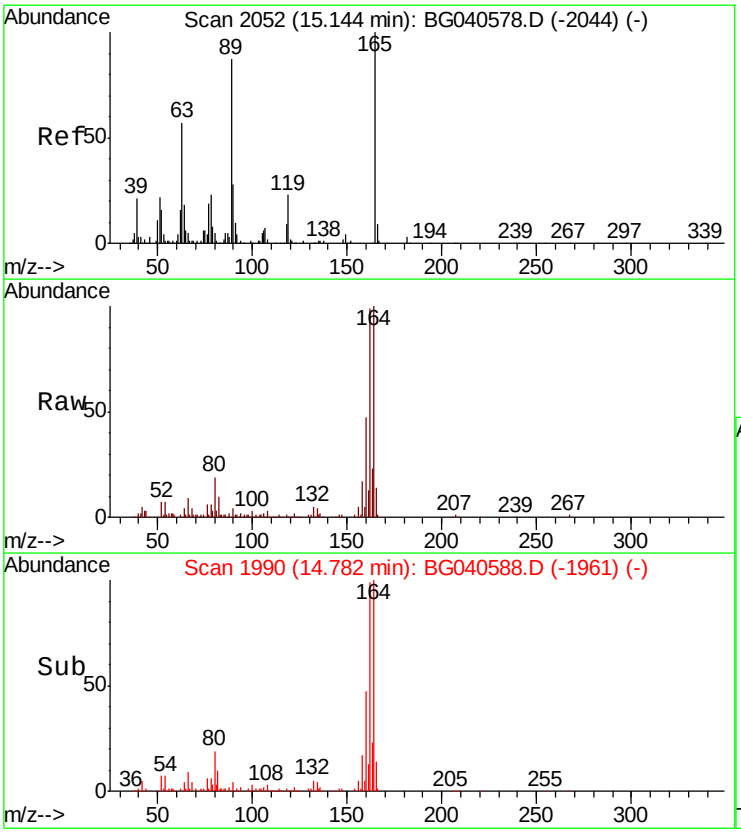
#54
2,4-Dinitrophenol
Concen: 7.064 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.07 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 61

Ion	Ratio	Lower	Upper
184	100		
63	0.0	51.8	77.6#
154	0.0	43.6	65.4#

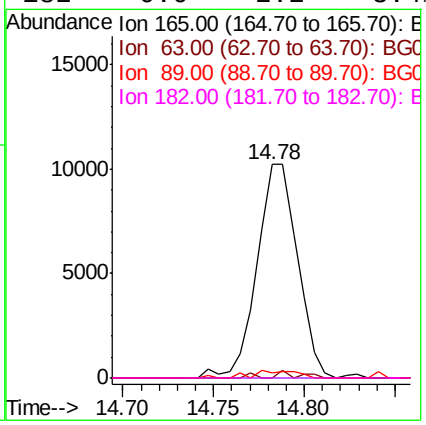


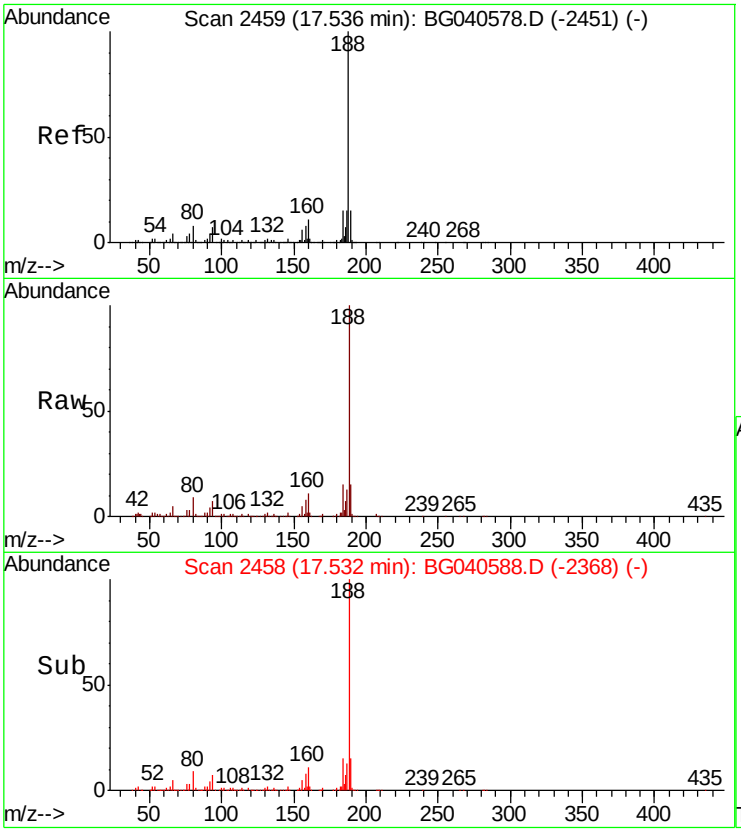


#57
2,4-Dinitrotoluene
Concen: 5.908 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.36 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:165 Resp: 15913

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.8	68.8#
89	2.4	69.4	104.2#
182	0.0	2.2	3.4#



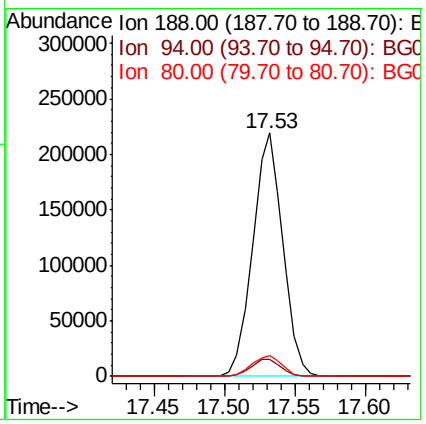


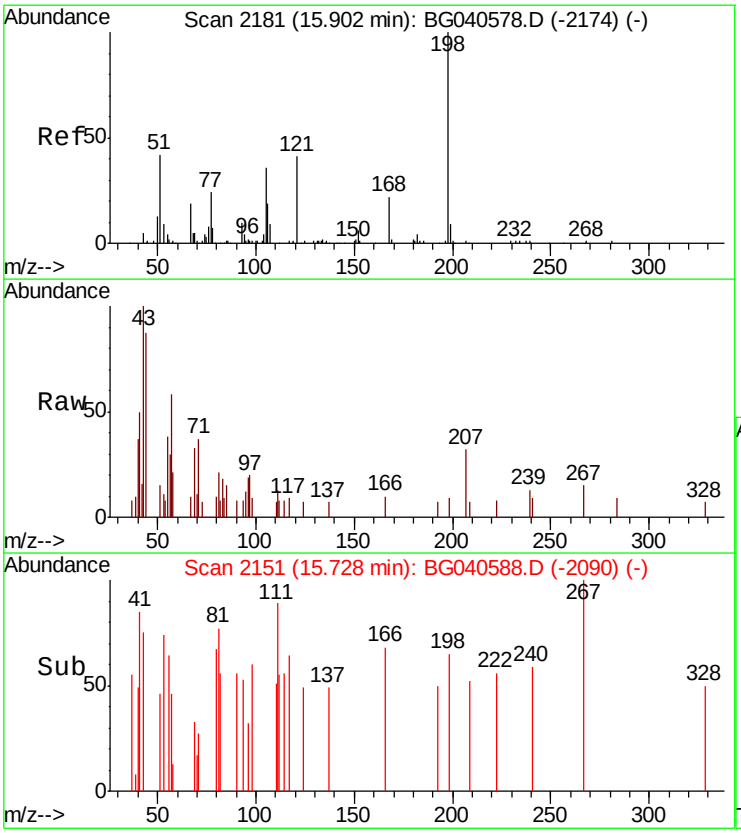
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 326915

Ion	Ratio	Lower	Upper
188	100		
94	6.8	5.6	8.4
80	8.6	6.4	9.6

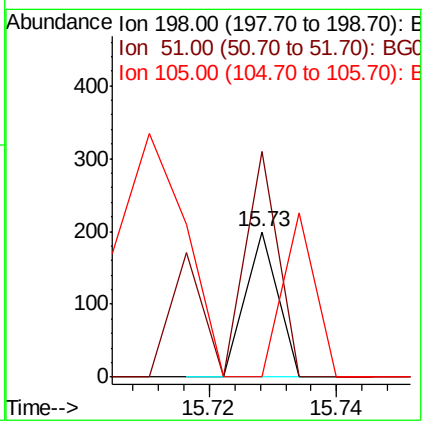


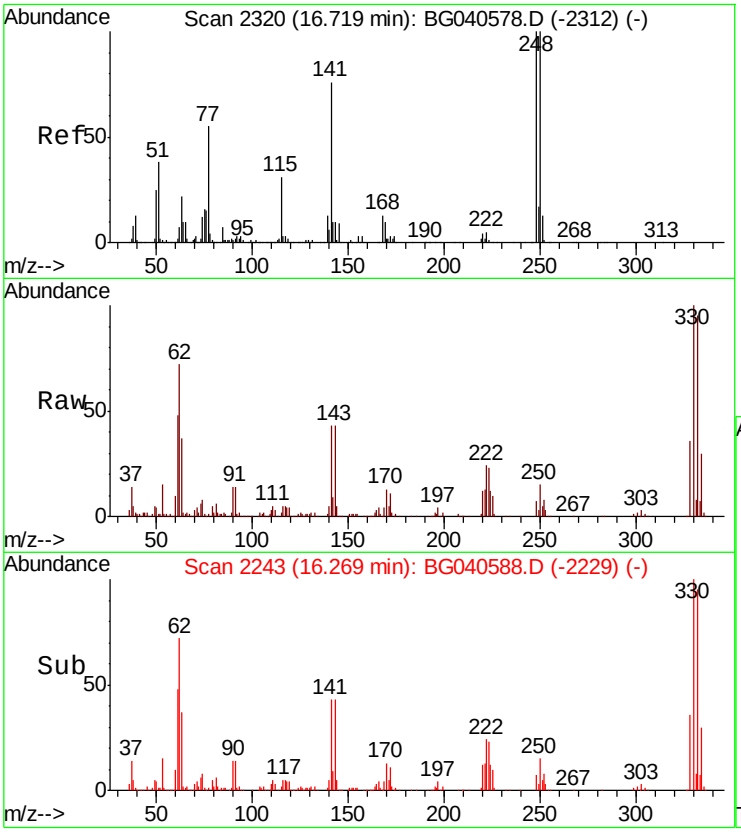


#65
4,6-Dinitro-2-methylphenol
Concen: 7.139 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.17 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:198 Resp: 71

Ion	Ratio	Lower	Upper
198	100		
51	155.0	35.9	75.9#
105	0.0	21.2	61.2#



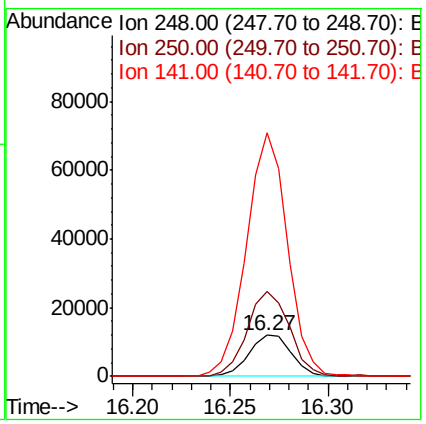


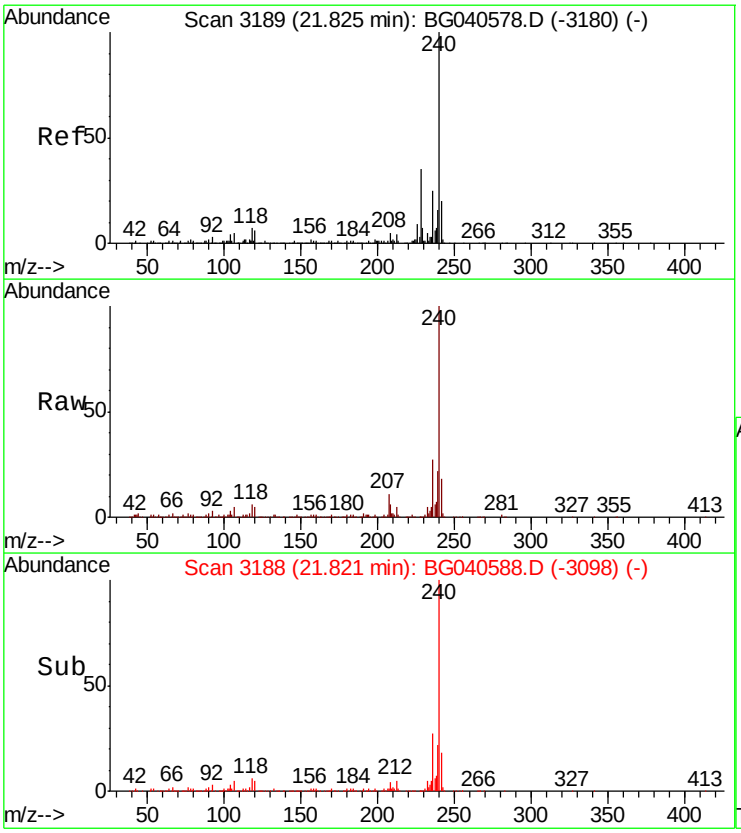
#67
4-Bromophenyl-phenylether
Concen: 4.446 ng
RT: 16.27 min Scan# 2243
Delta R.T. -0.45 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18107

Ion	Ratio	Lower	Upper
248	100		
250	207.4	79.8	119.6#
141	593.7	60.8	91.2#

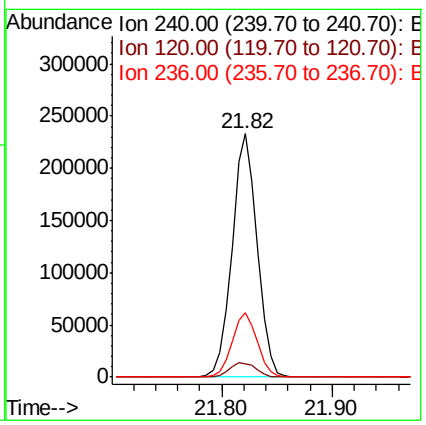


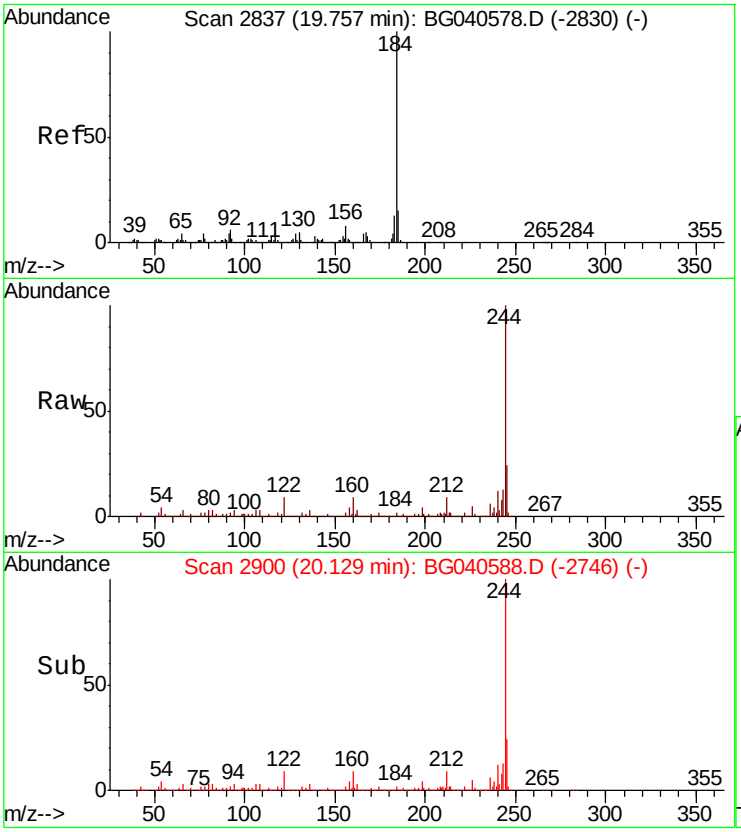


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:240 Resp: 370316

Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.0	7.6
236	26.6	20.3	30.5



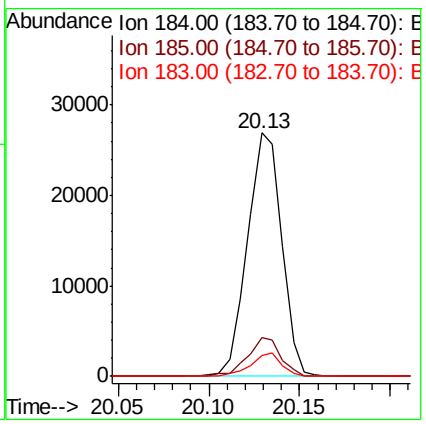


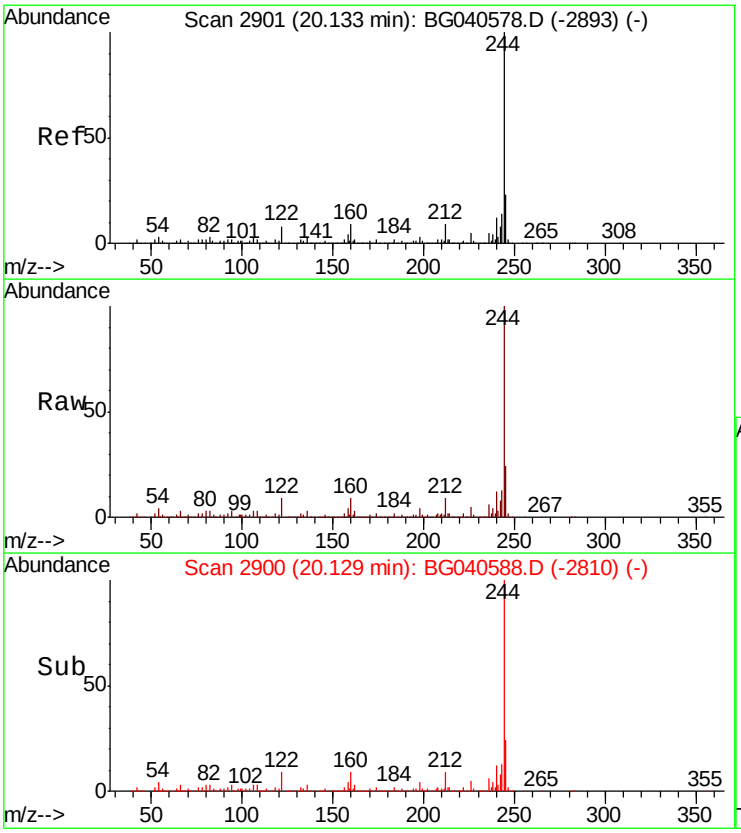
#77
Benzidine
Concen: 3.479 ng
RT: 20.13 min Scan# 2900
Delta R.T. 0.37 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 35275

Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.8
183	8.6	10.2	15.2#

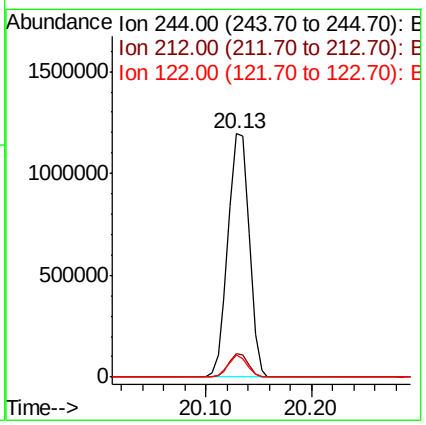


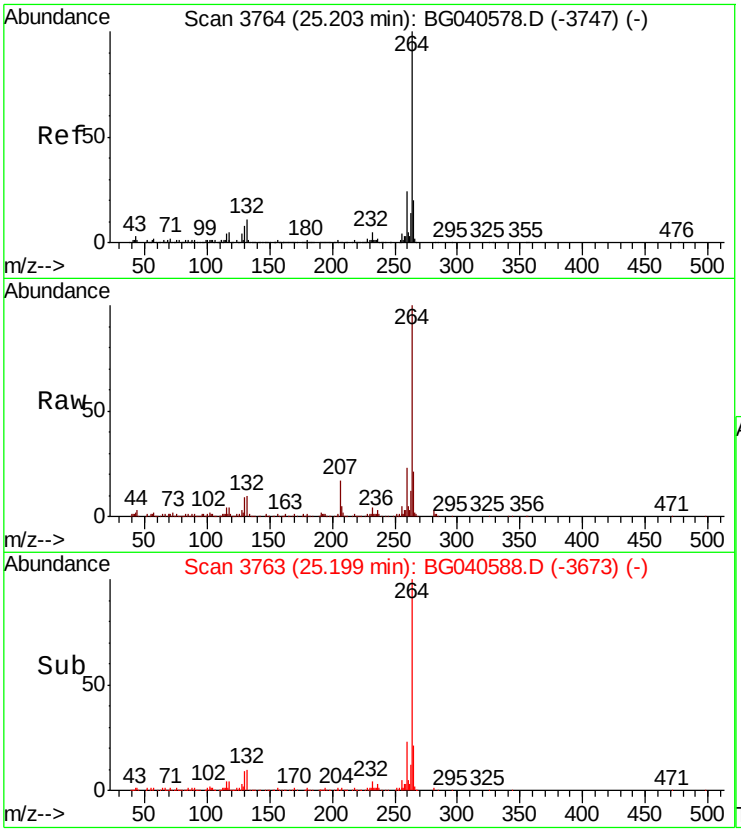


#79
Terphenyl-d14
Concen: 98.928 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Tgt Ion:244 Resp: 1653616

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.2	10.8
122	9.0	6.6	10.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG040588.D
Acq: 24 Apr 2019 11:35

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 390758

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.0	16.6	25.0