Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037563.D
Acq On : 26 Oct 2018 3:28
Operator : JU/SJ
Sample : J5633-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 26 08:08:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	60552	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	266598	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	177815	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	393450	20.00	ng		0.00
76) Chrysene-d12	21.77	240	358228	20.00	ng		0.00
87) Perylene-d12	25.10	264	366887	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	204325	56.41	ng		0.00
7) Phenol-d6	7.24	99	186719	34.09	ng		0.00
23) Nitrobenzene-d5	9.28	82	419969	88.25	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	248100	127.93	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	983008	83.36	ng		0.00
79) Terphenyl-d14	20.08	244	1304789	77.83	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	42788	7.405	ng		92
19) n-Nitroso-di-n-propylamine	9.28	70	52532	13.929	ng	#	75
54) 2,4-Dinitrophenol	15.02	184	54	6.182	ng	#	10
57) 2,4-Dinitrotoluene	14.73	165	22932	5.741	ng	#	26
65) 4,6-Dinitro-2-methylphenol	16.22	198	968	8.893	ng		93
67) 4-Bromophenyl-phenylether	16.23	248	18876	4.369	ng	#	1

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

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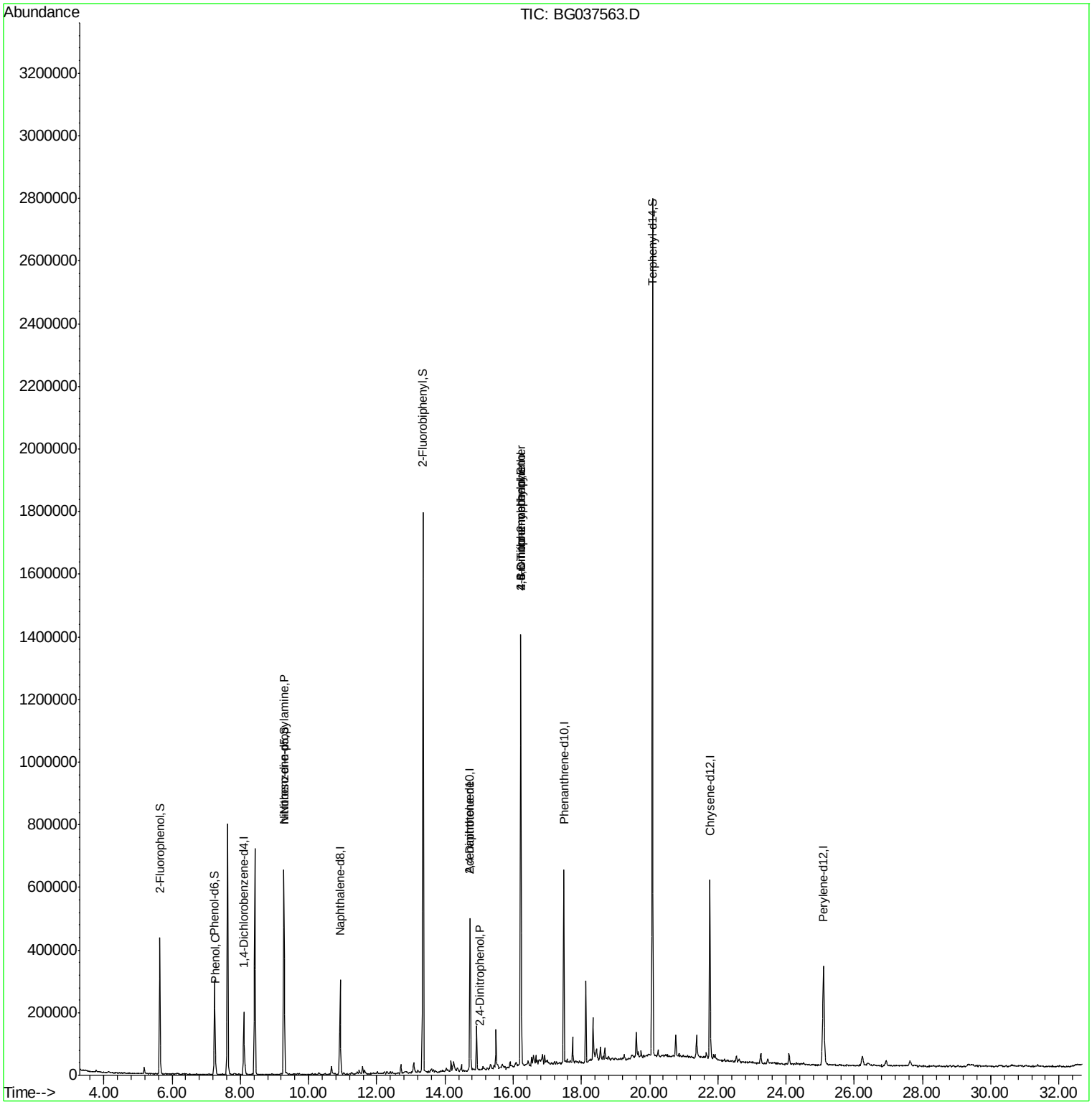
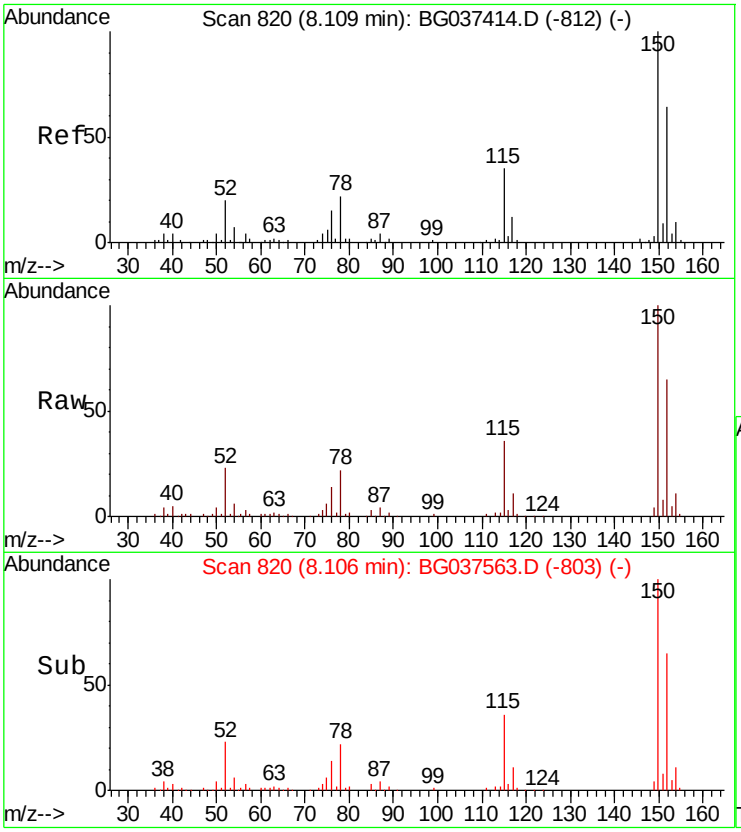


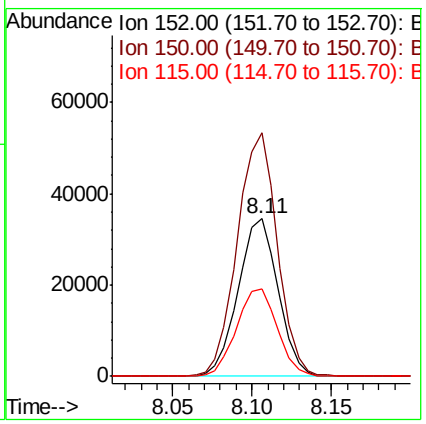


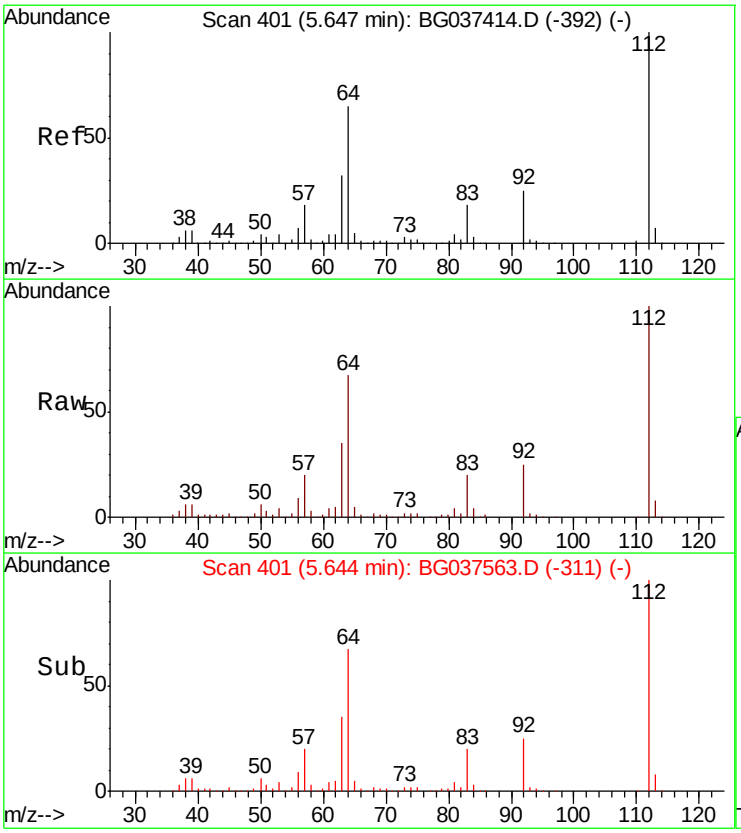
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 60552

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.0	189.0
115	55.3	45.5	68.3

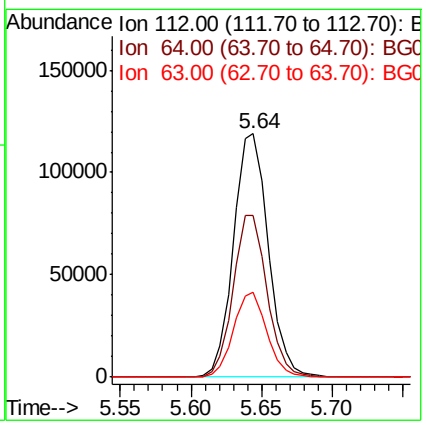


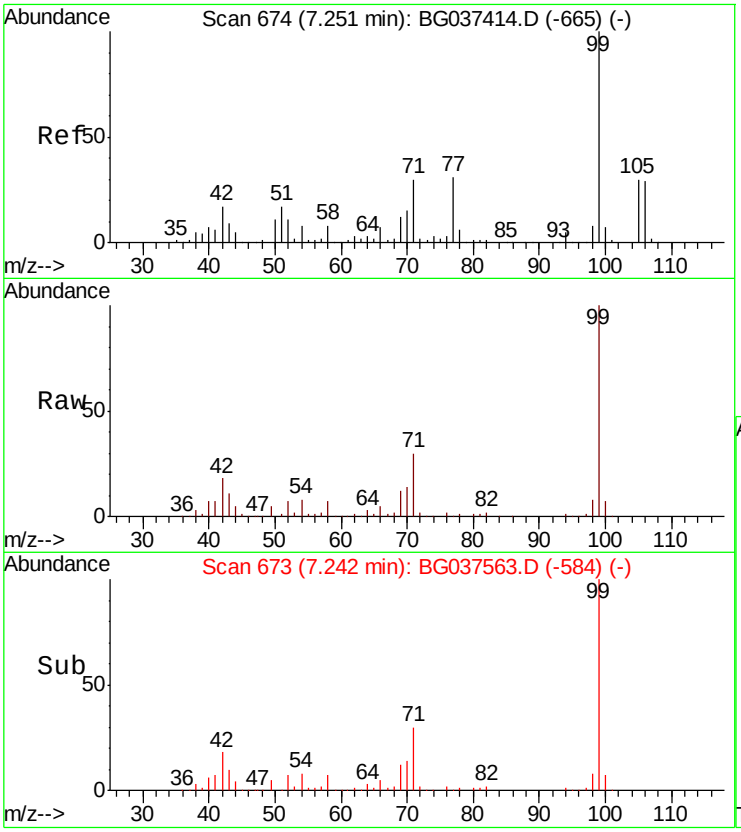


#5
2-Fluorophenol
Concen: 56.415 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:112 Resp: 204325

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.1	79.7
63	34.9	27.3	40.9



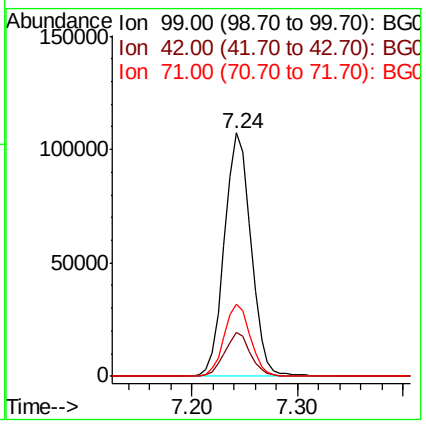


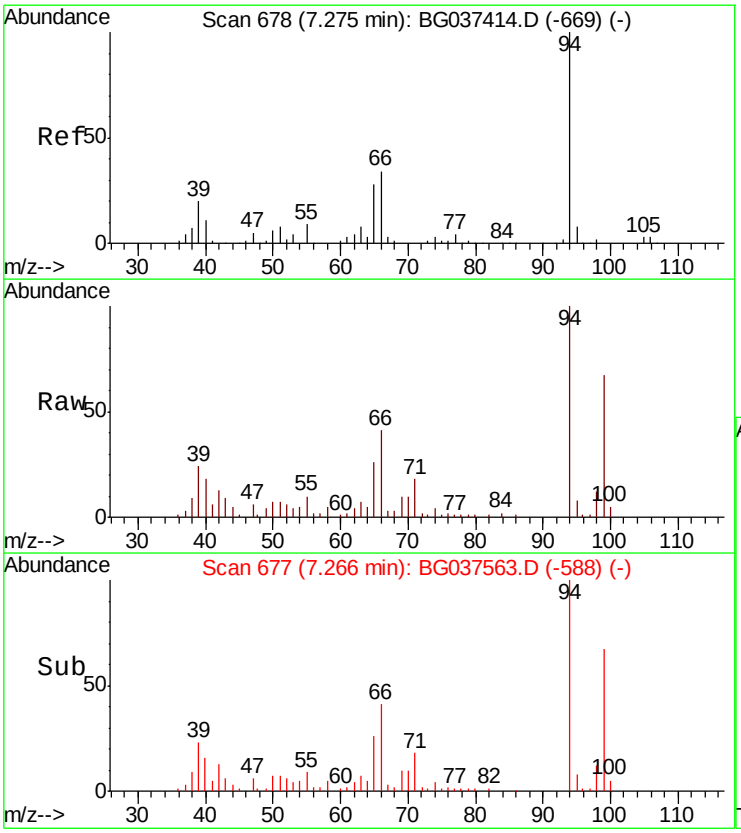
#7
Phenol-d6
Concen: 34.093 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 186719

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.0	22.4
71	29.6	25.5	38.3

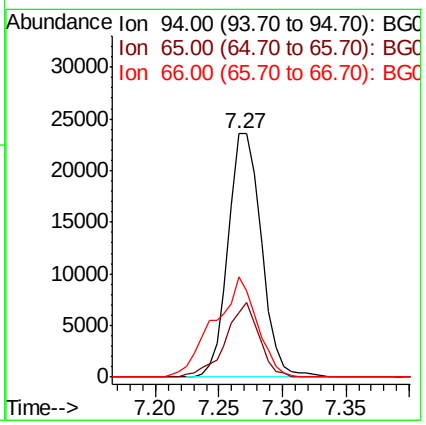


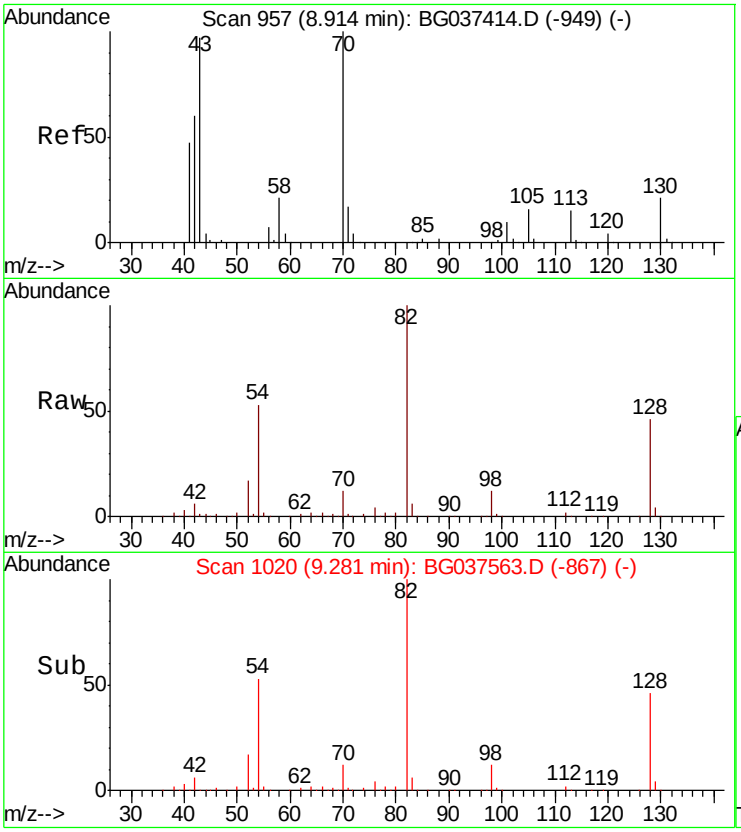


#10
Phenol
Concen: 7.405 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion: 94 Resp: 42788

Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.7	49.7
66	41.3	15.9	55.9



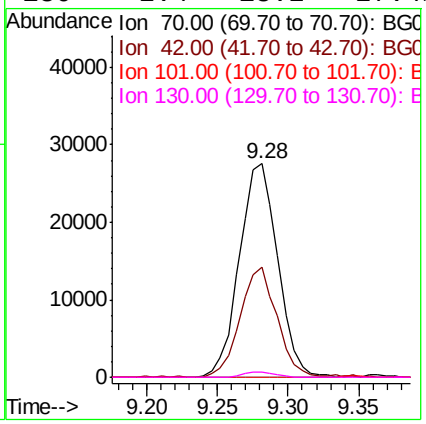


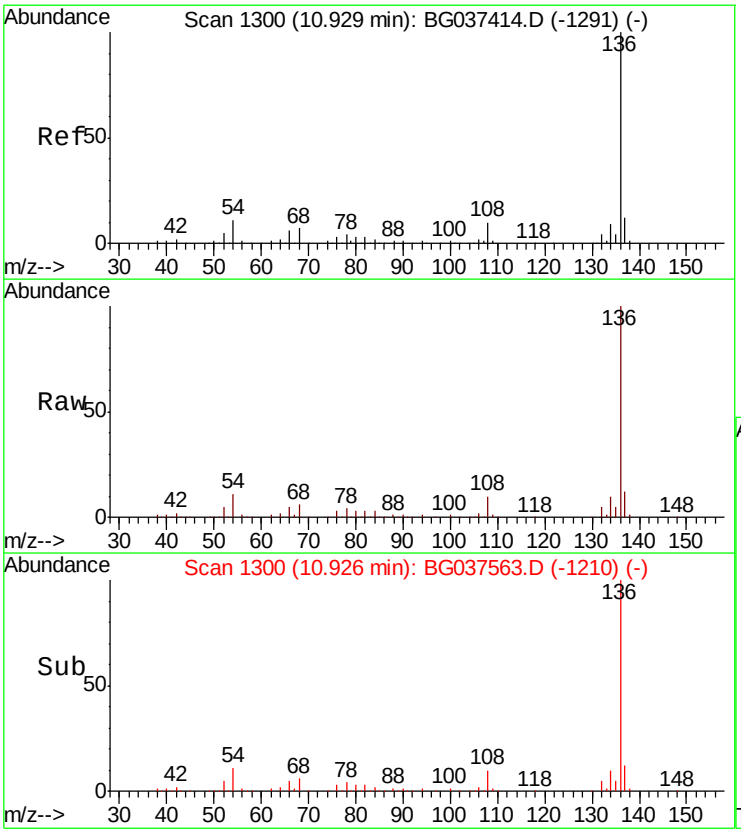
#19
n-Nitroso-di-n-propylamine
Concen: 13.929 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 52532

Ion	Ratio	Lower	Upper
70	100		
42	51.8	53.9	80.9#
101	0.0	8.2	12.2#
130	2.4	18.2	27.4#

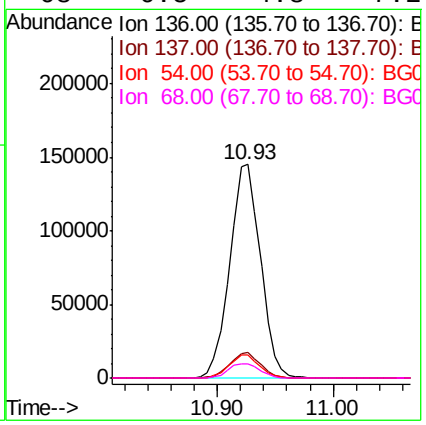


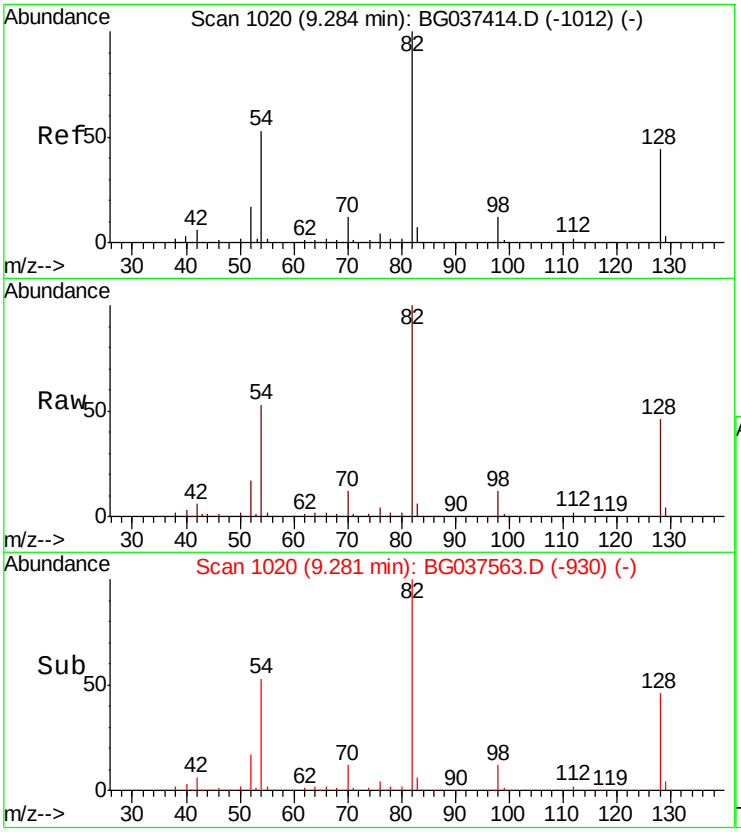


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:136 Resp: 266598

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	11.1	7.9	11.9
68	6.5	4.8	7.2



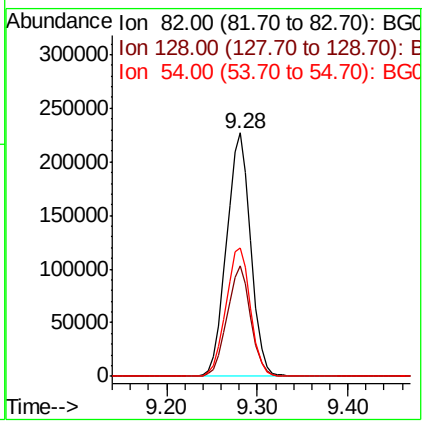


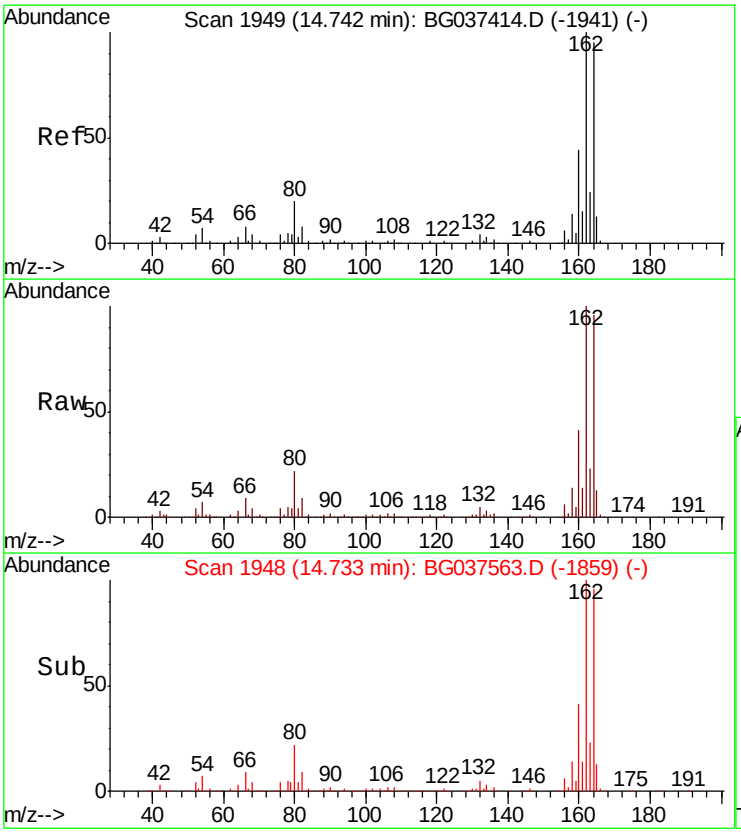
#23
Nitrobenzene-d5
Concen: 88.246 ng
RT: 9.28 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 419969

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	52.5	45.3	67.9

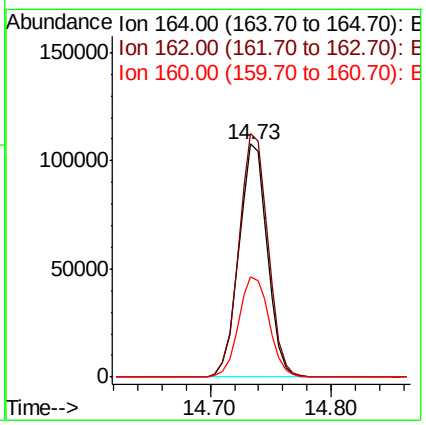


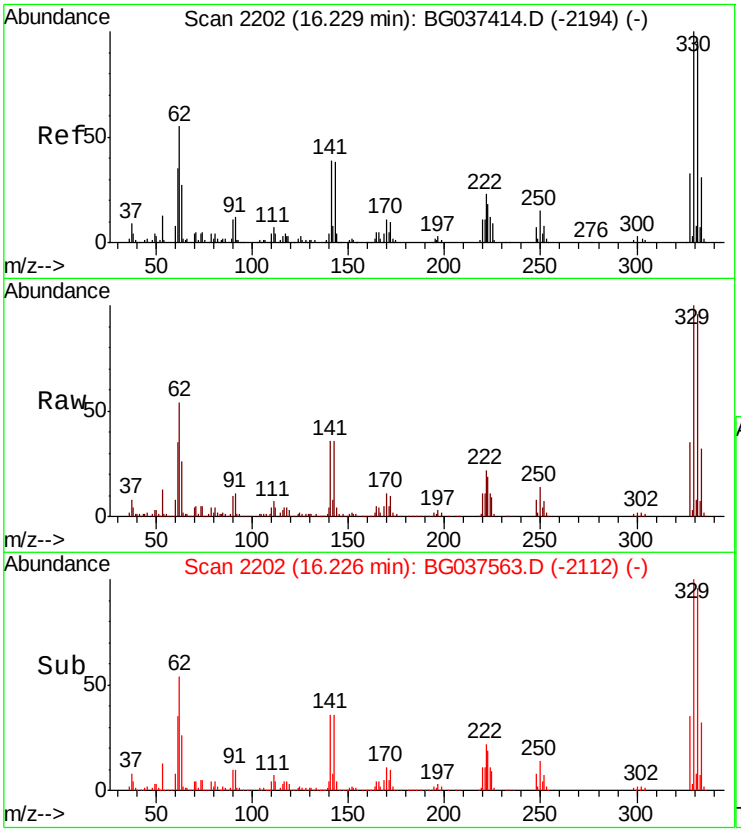


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:164 Resp: 177815

Ion	Ratio	Lower	Upper
164	100		
162	104.6	81.3	121.9
160	43.3	36.3	54.5



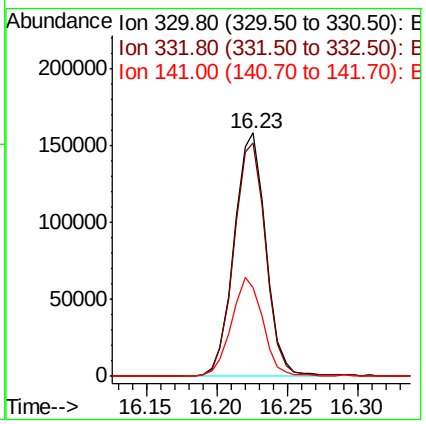


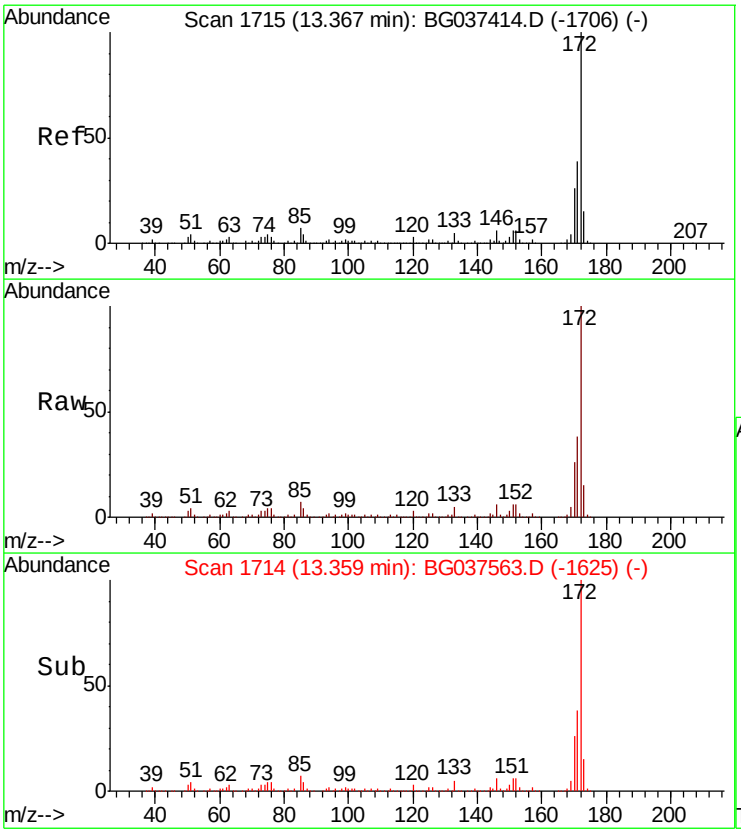
#42
2,4,6-Tribromophenol
Concen: 127.926 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 248100

Ion	Ratio	Lower	Upper
330	100		
332	96.7	78.4	117.6
141	40.3	32.2	48.2

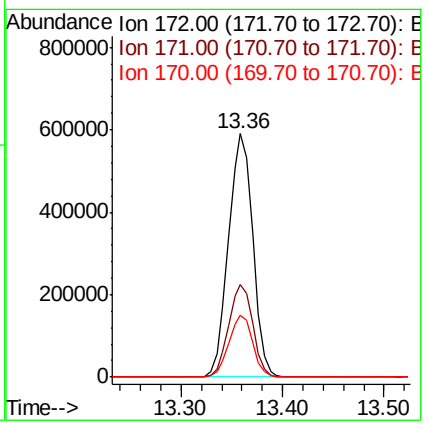


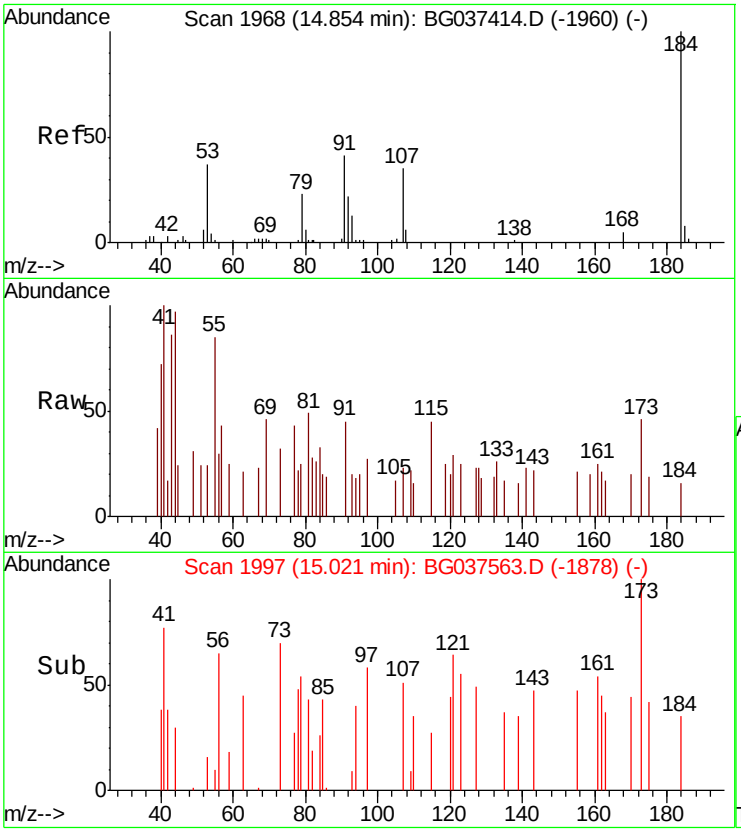


#45
2-Fluorobiphenyl
Concen: 83.363 ng
RT: 13.36 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:172 Resp: 983008

Ion	Ratio	Lower	Upper
172	100		
171	38.1	31.0	46.4
170	25.5	20.2	30.2



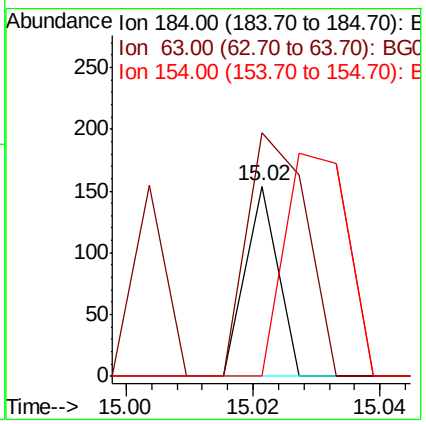


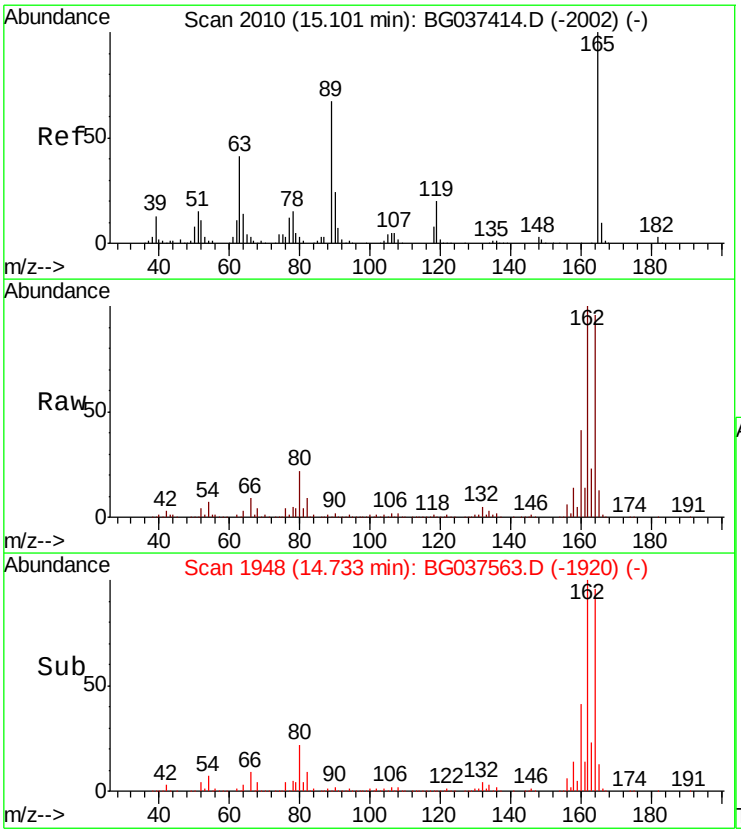
#54
2,4-Dinitrophenol
Concen: 6.182 ng
RT: 15.02 min Scan# 1997
Delta R.T. 0.17 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	127.9	42.6	63.8#
154	0.0	41.8	62.6#

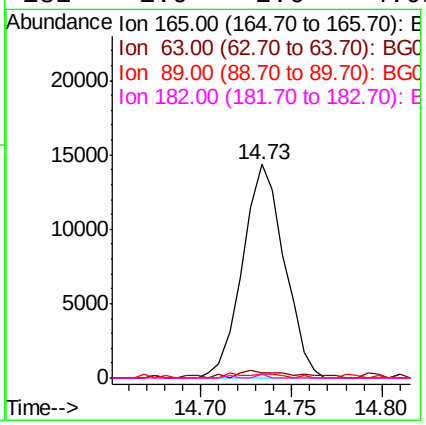


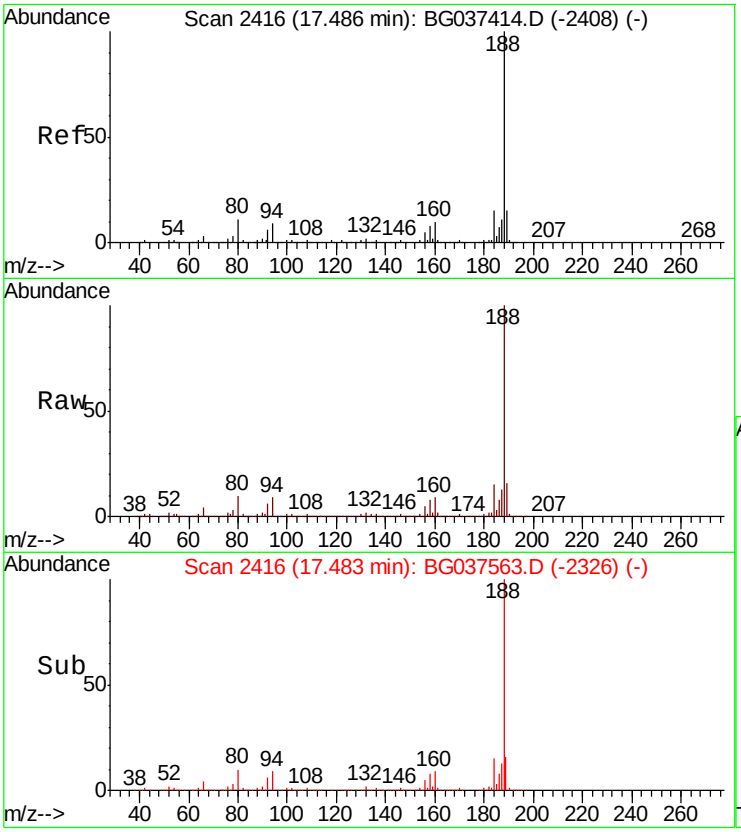


#57
2,4-Dinitrotoluene
Concen: 5.741 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.37 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:165 Resp: 22932

Ion	Ratio	Lower	Upper
165	100		
63	2.4	33.4	50.0#
89	1.7	57.2	85.8#
182	1.9	2.6	4.0#



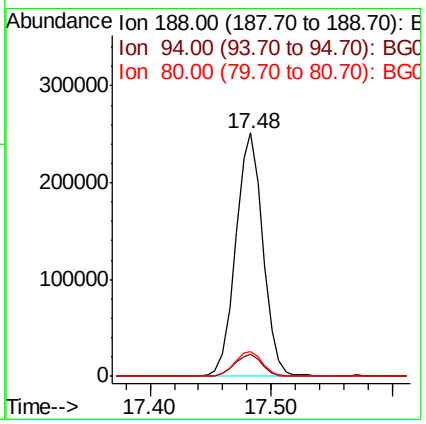


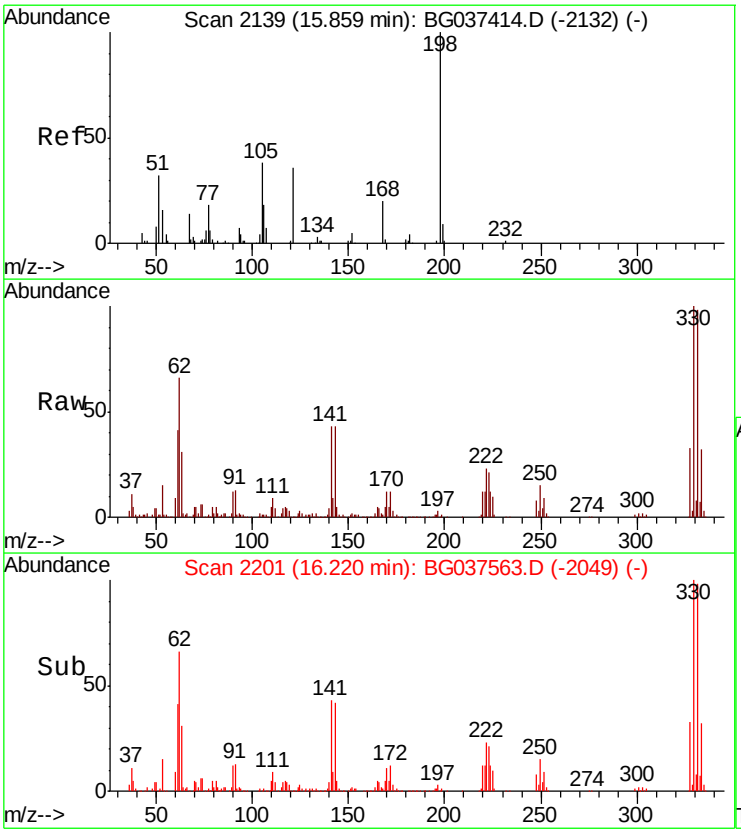
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 393450

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.7	11.5

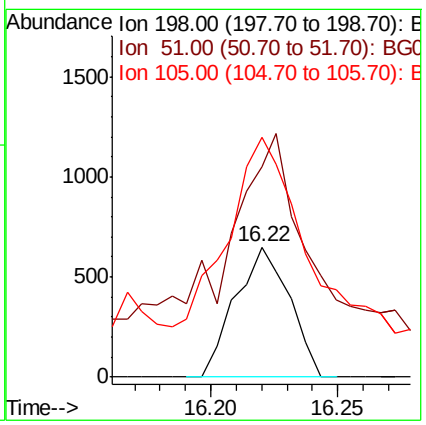


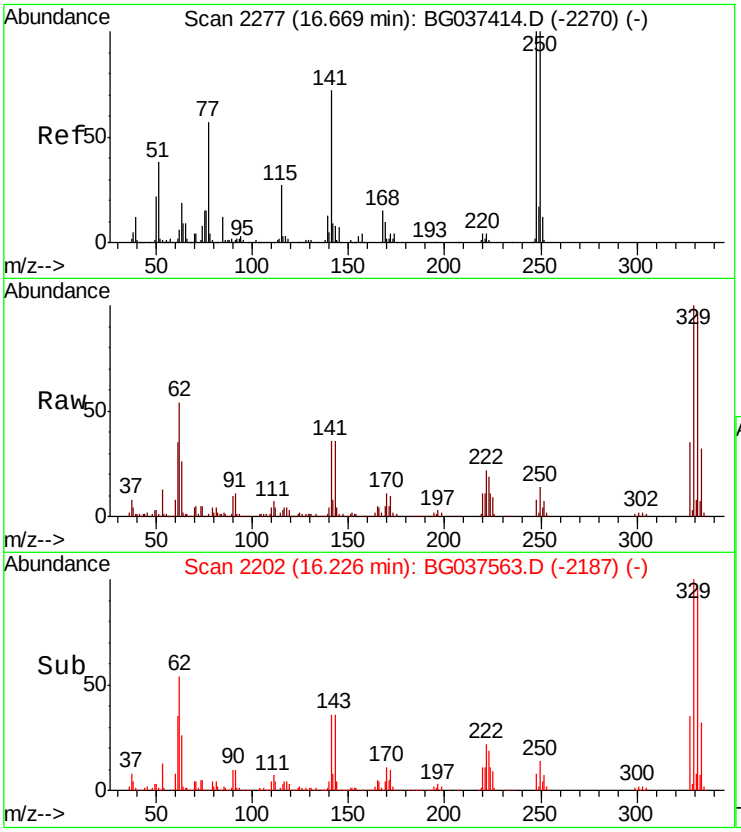


#65
4,6-Dinitro-2-methylphenol
Concen: 8.893 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.36 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:198 Resp: 968

Ion	Ratio	Lower	Upper
198	100		
51	38.7	22.7	62.7
105	44.2	19.7	59.7



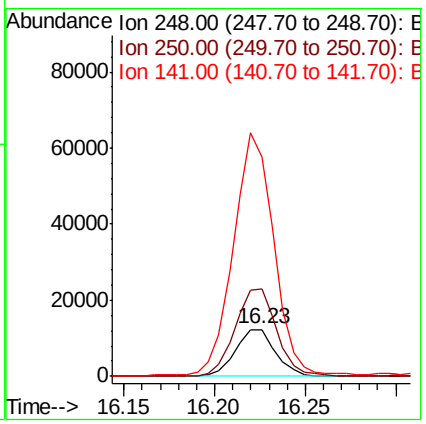


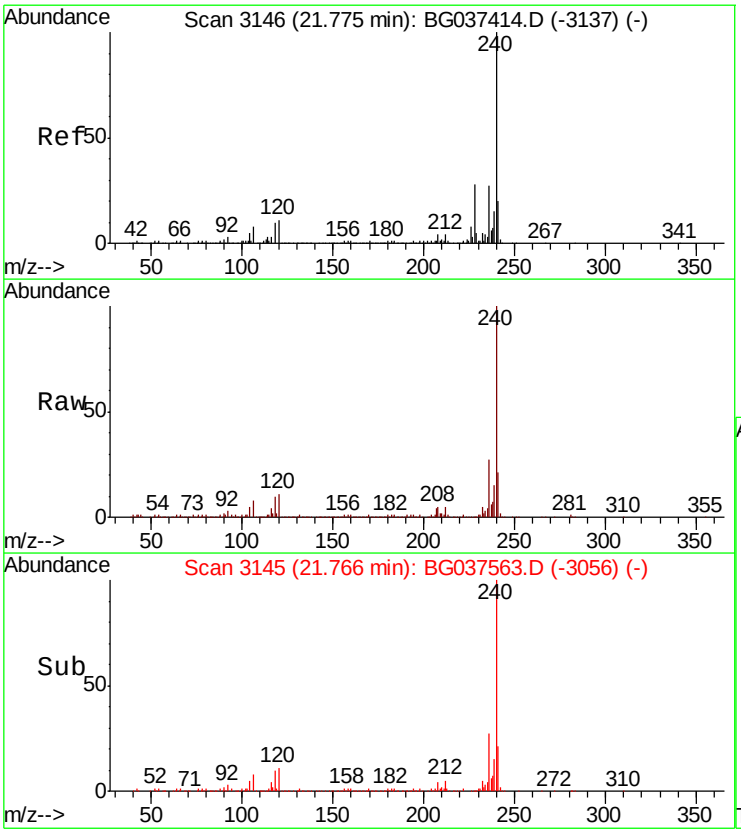
#67
4-Bromophenyl-phenylether
Concen: 4.369 ng
RT: 16.23 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18876

Ion	Ratio	Lower	Upper
248	100		
250	188.0	77.0	115.6#
141	371.5	55.5	83.3#

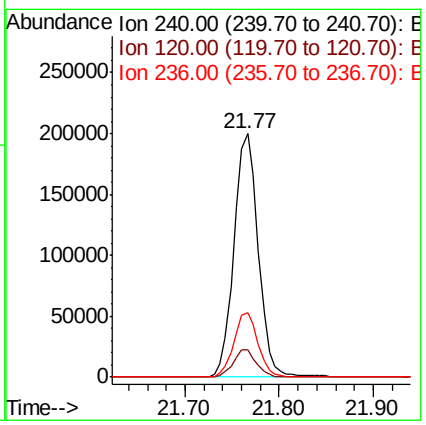


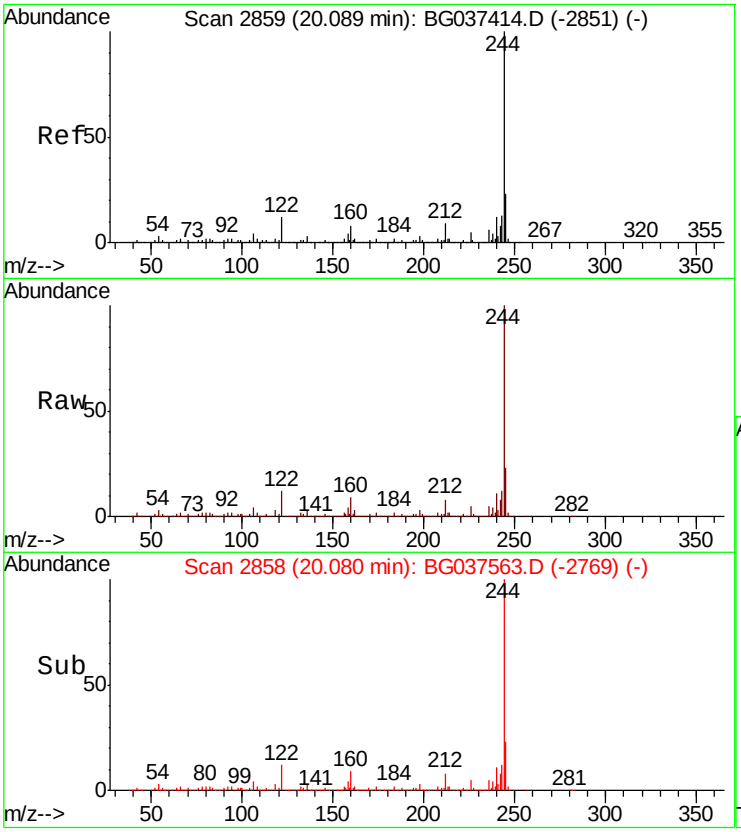


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:240 Resp: 358228

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.1	12.1
236	26.7	21.4	32.0



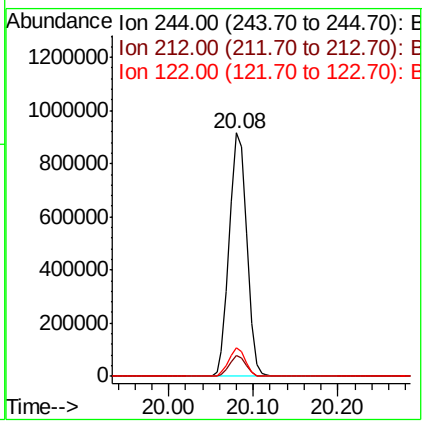


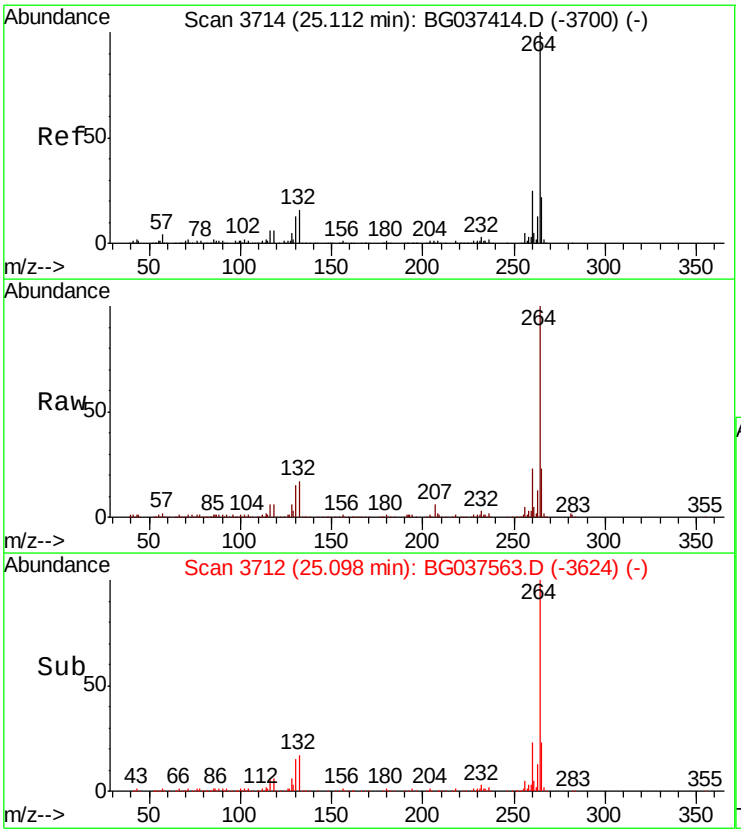
#79
Terphenyl-d14
Concen: 77.828 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1304789

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	11.7	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.01 min
Lab File: BG037563.D
Acq: 26 Oct 2018 3:28

Tgt Ion:264 Resp: 366887

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.8	17.9	26.9