Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\
Data File : BG037499.D
Acq On : 24 Oct 2018 7:01
Operator : JU/SJ
Sample : J5623-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 24 09:10:25 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	55123	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	252104	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	172540	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	413377	20.00	ng		0.00
76) Chrysene-d12	21.77	240	373530	20.00	ng		0.00
87) Perylene-d12	25.11	264	380533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	149578	45.37	ng		0.00
7) Phenol-d6	7.25	99	132742	26.62	ng		0.00
23) Nitrobenzene-d5	9.29	82	450828	100.18	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	189131	100.50	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1128390	98.62	ng		0.00
79) Terphenyl-d14	20.09	244	1455871	83.28	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.27	94	11431	2.173	ng		99
19) n-Nitroso-di-n-propylamine	9.28	70	56802	16.545	ng	#	73
51) 2,6-Dinitrotoluene	14.74	165	21844	7.398	ng	#	26
57) 2,4-Dinitrotoluene	14.74	165	21844	5.636	ng	#	25
65) 4,6-Dinitro-2-methylphenol	16.22	198	503	8.698	ng		90
67) 4-Bromophenyl-phenylether	16.22	248	13816	3.043	ng	#	1

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

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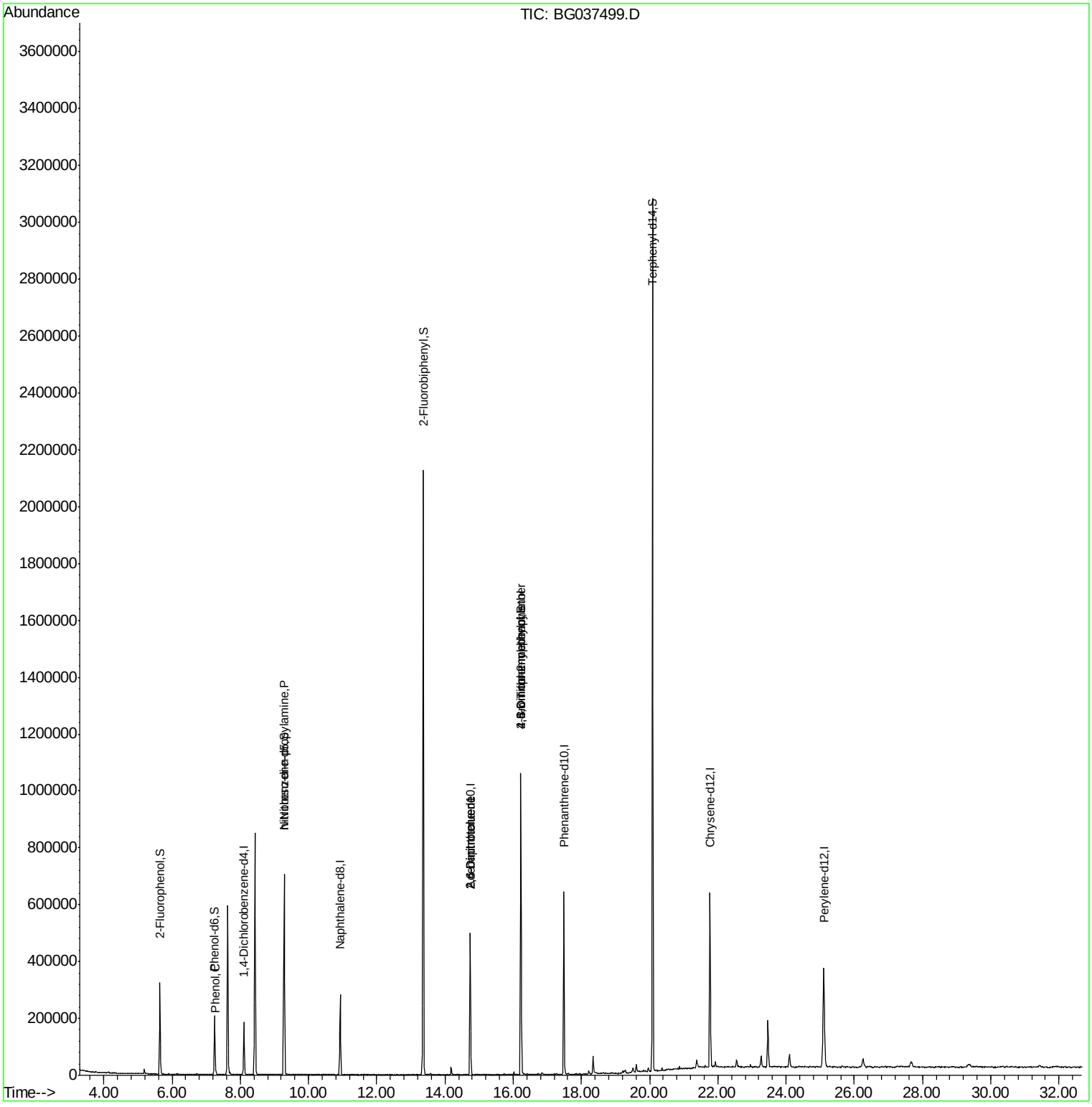
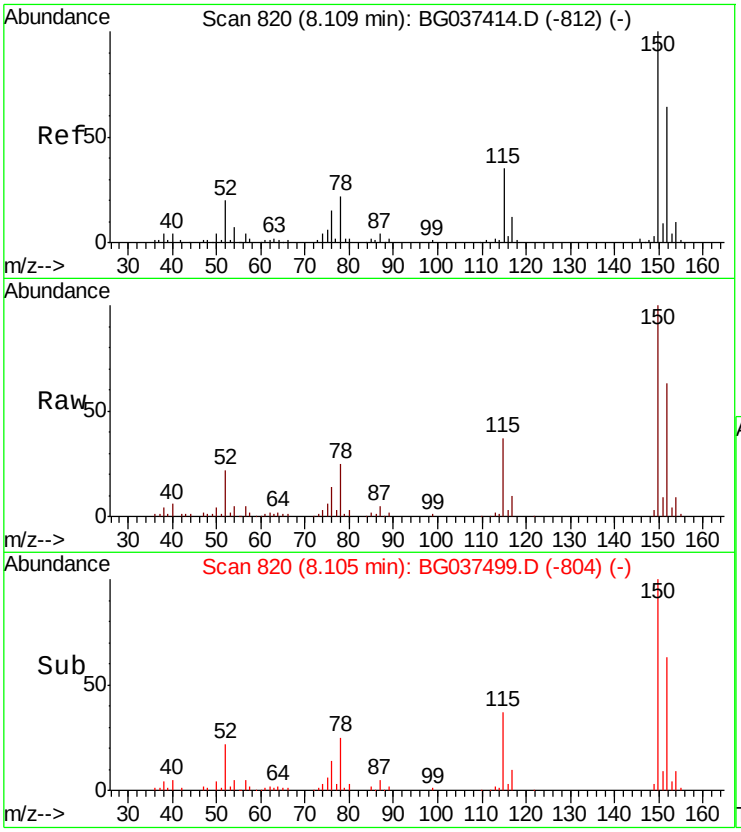


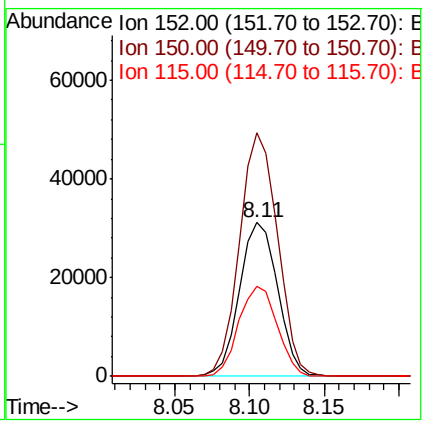


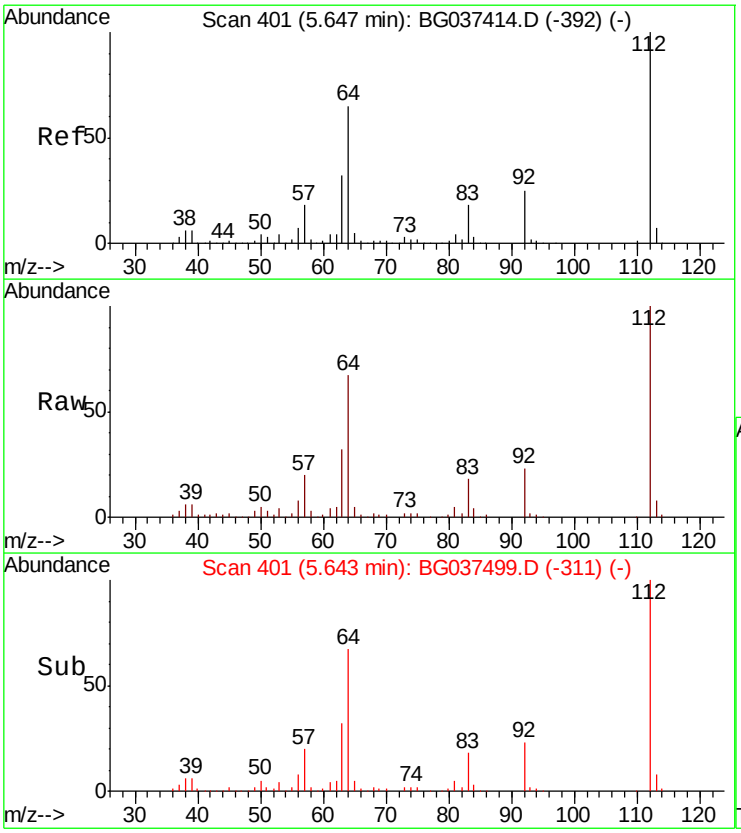
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 55123

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.0	189.0
115	58.4	45.5	68.3

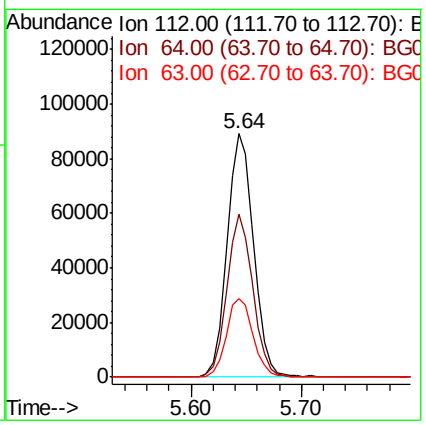


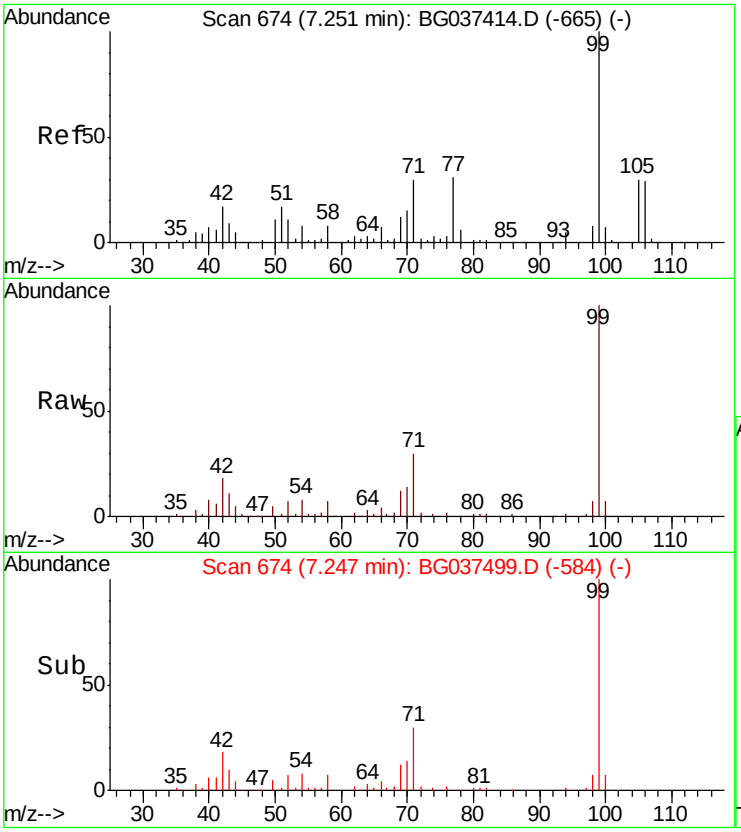


#5
2-Fluorophenol
Concen: 45.366 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:112 Resp: 149578

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.1	79.7
63	32.3	27.3	40.9



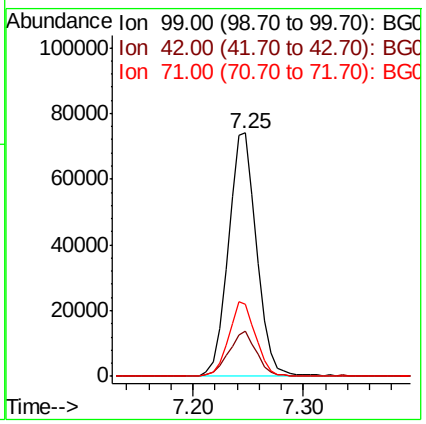


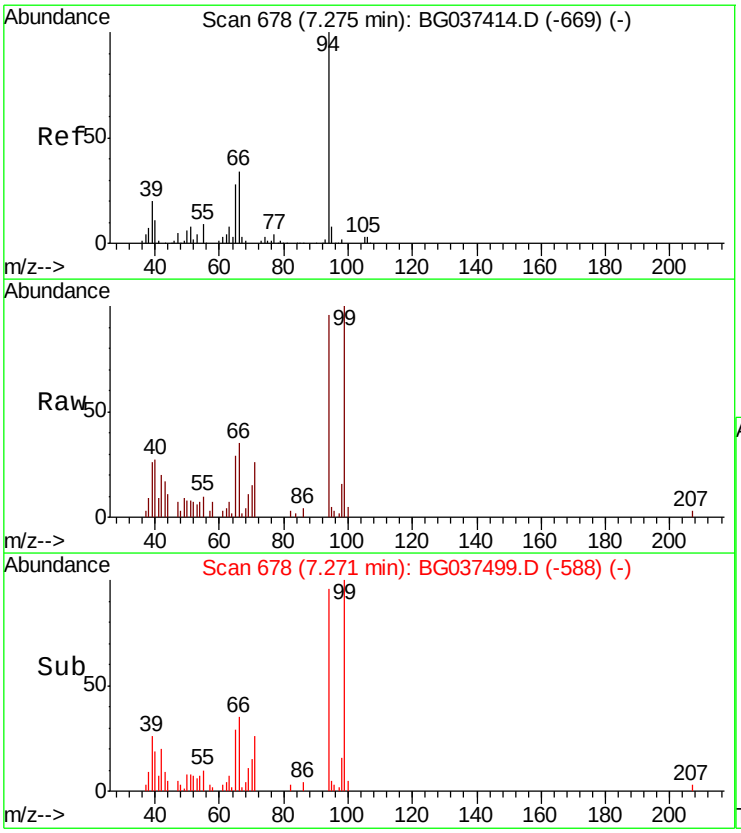
#7
Phenol-d6
Concen: 26.625 ng
RT: 7.25 min Scan# 674
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 132742

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	29.8	25.5	38.3

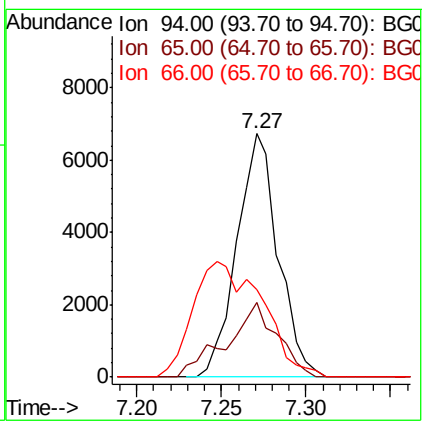


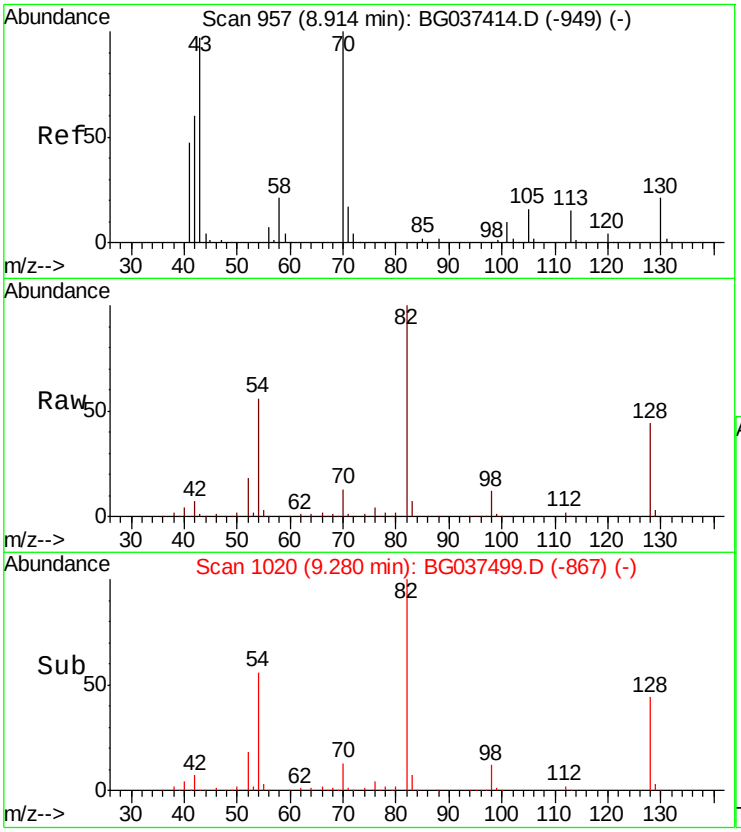


#10
Phenol
Concen: 2.173 ng
RT: 7.27 min Scan# 678
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion: 94 Resp: 11431

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.7	49.7
66	36.0	15.9	55.9



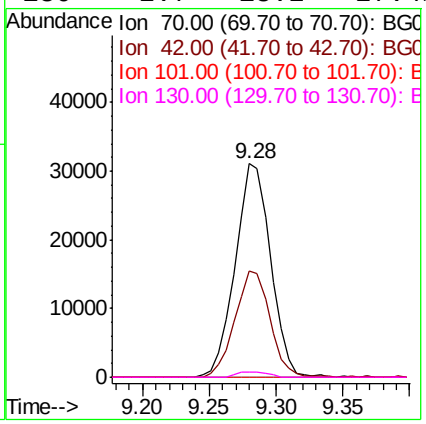


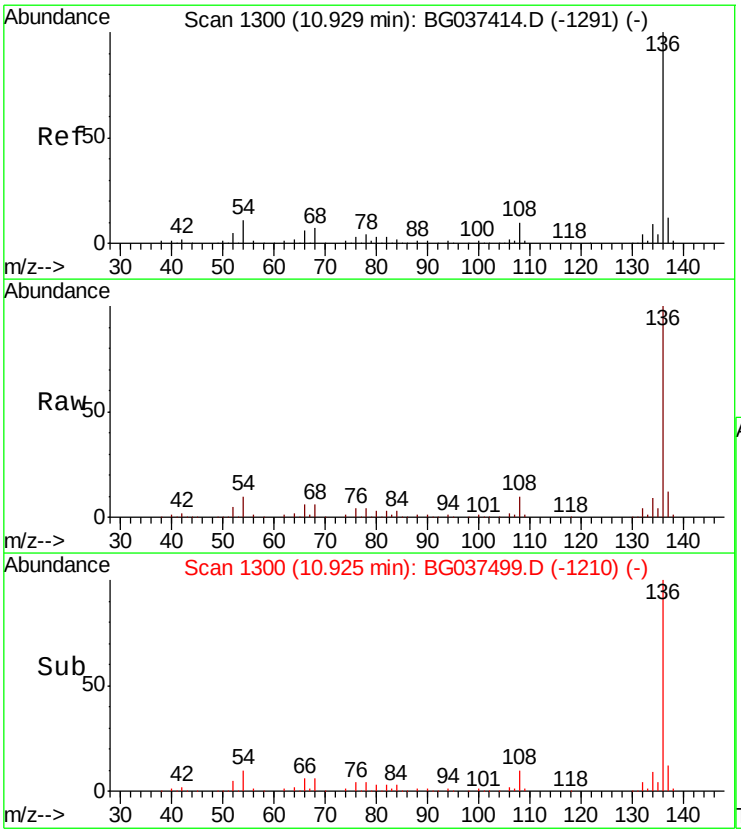
#19
n-Nitroso-di-n-propylamine
Concen: 16.545 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.37 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 70 Resp: 56802

Ion	Ratio	Lower	Upper
70	100		
42	50.0	53.9	80.9#
101	0.0	8.2	12.2#
130	2.7	18.2	27.4#

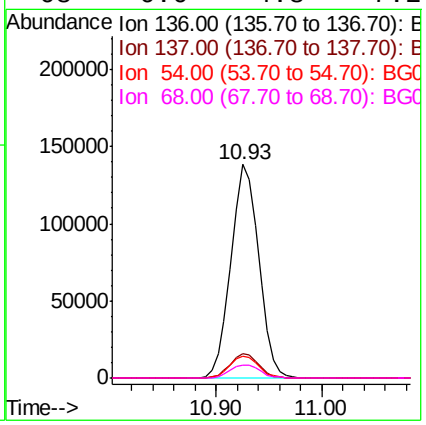


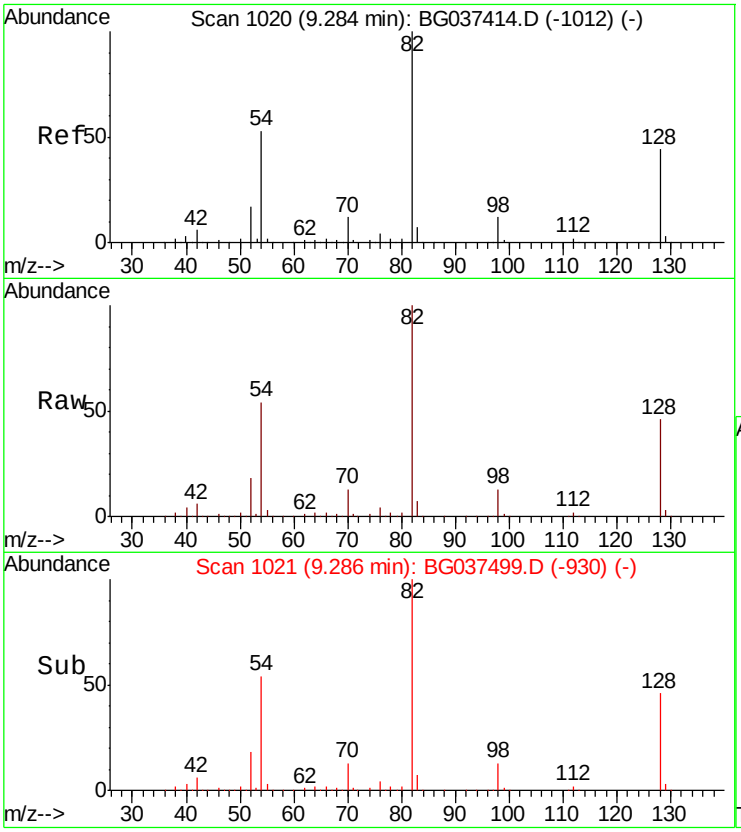


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:136 Resp: 252104

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	10.4	7.9	11.9
68	6.0	4.8	7.2



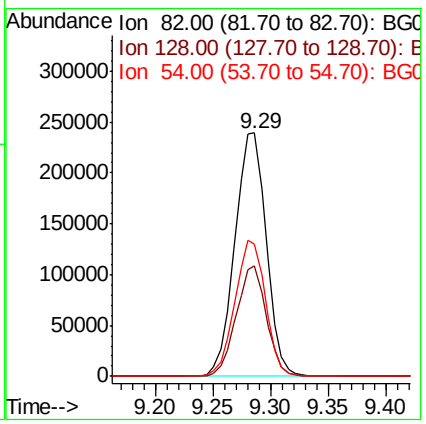


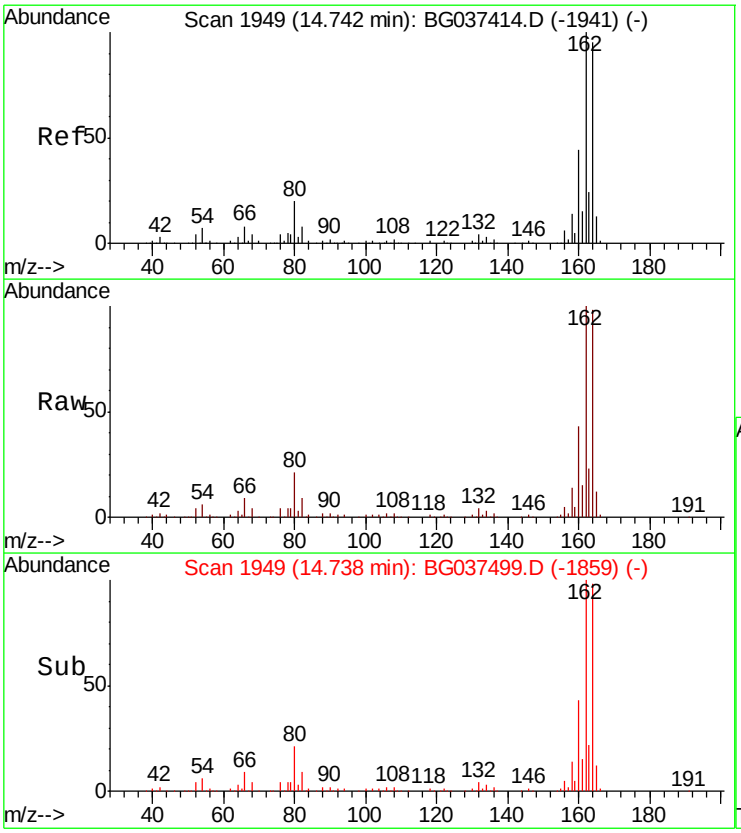
#23
Nitrobenzene-d5
Concen: 100.177 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 450828

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.6	51.8
54	54.1	45.3	67.9

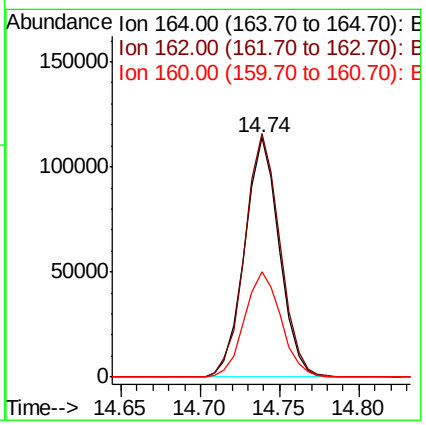


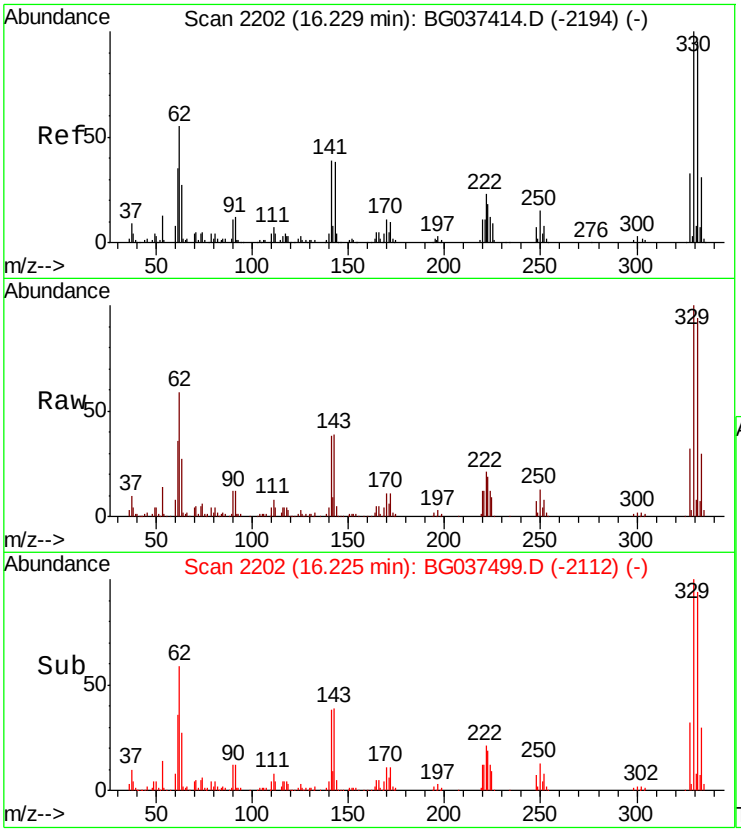


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:164 Resp: 172540

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.1	36.3	54.5



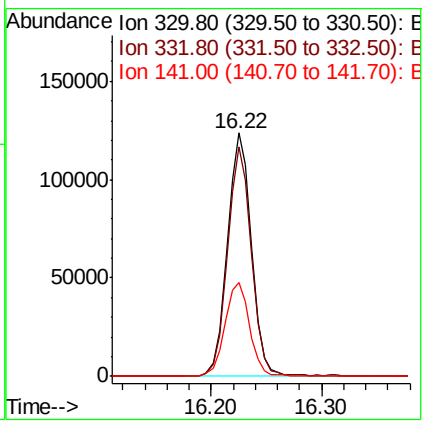


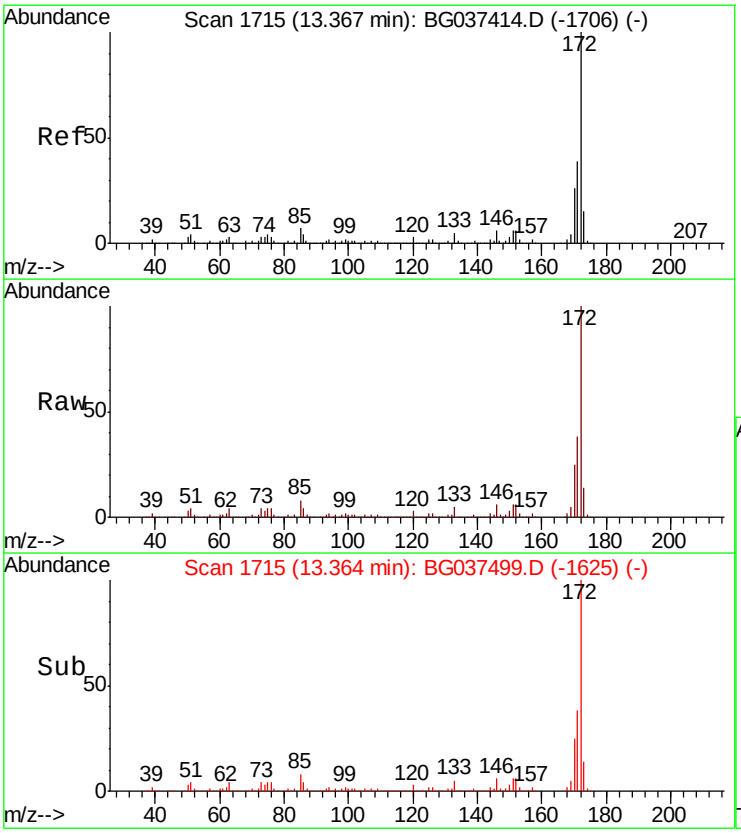
#42
2,4,6-Tribromophenol
Concen: 100.501 ng
RT: 16.22 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 189131

Ion	Ratio	Lower	Upper
330	100		
332	93.1	78.4	117.6
141	39.4	32.2	48.2

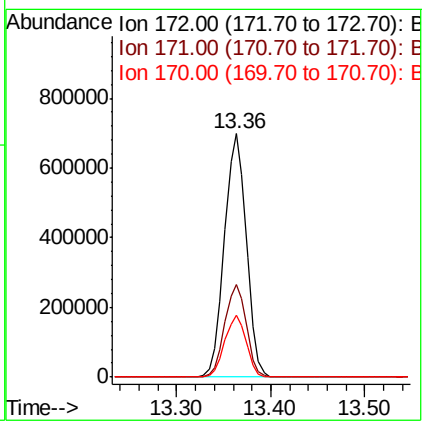


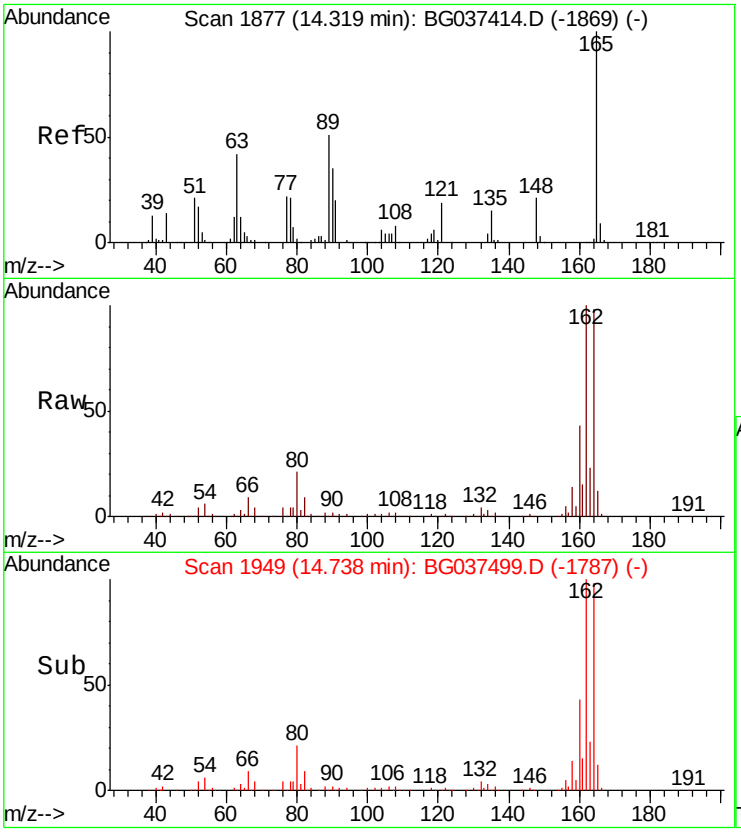


#45
2-Fluorobiphenyl
Concen: 98.618 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:172 Resp: 1128390

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.0	46.4
170	25.4	20.2	30.2



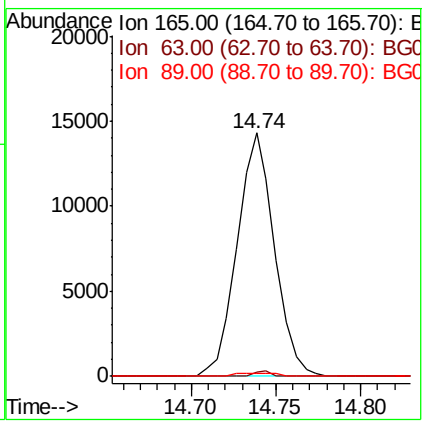


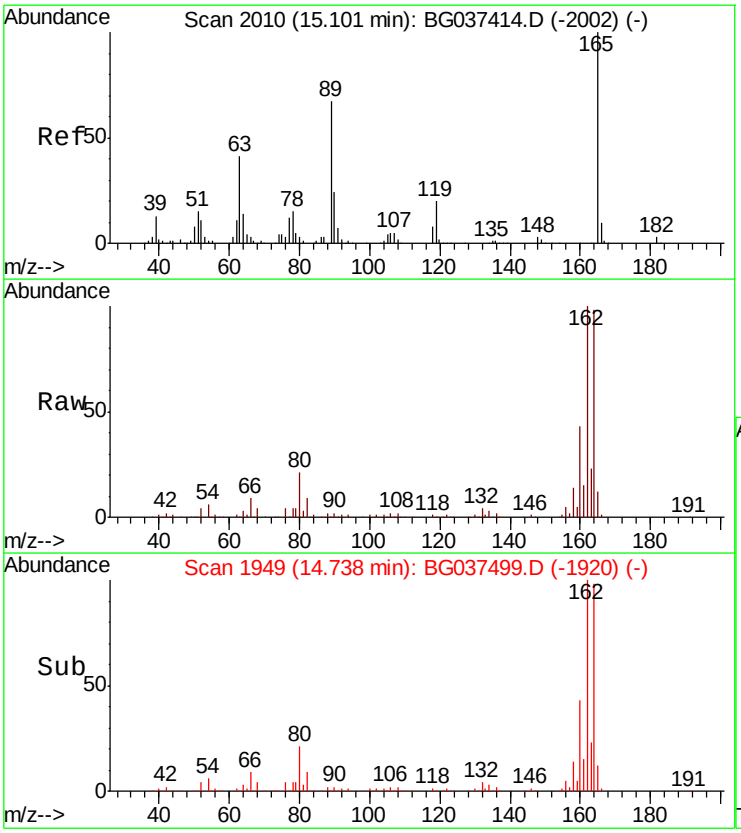
#51
2,6-Dinitrotoluene
Concen: 7.398 ng
RT: 14.74 min Scan# 1949
Delta R.T. 0.42 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 21844

Ion	Ratio	Lower	Upper
165	100		
63	1.9	43.4	65.2#
89	1.3	45.8	68.6#

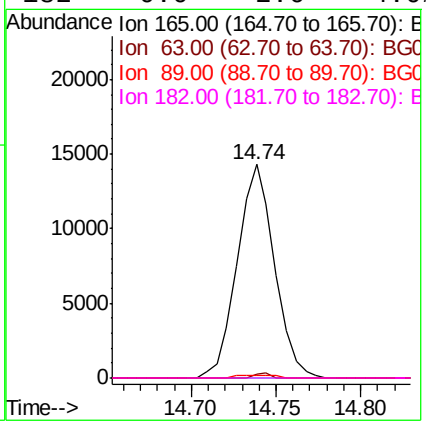


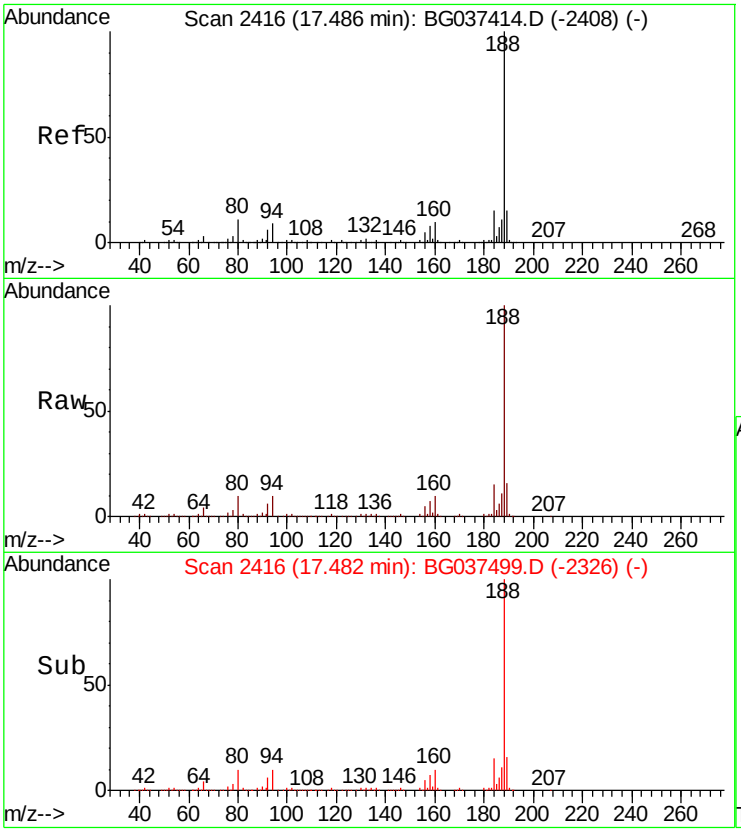


#57
2,4-Dinitrotoluene
Concen: 5.636 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.36 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:165 Resp: 21844

Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.4	50.0#
89	1.3	57.2	85.8#
182	0.0	2.6	4.0#



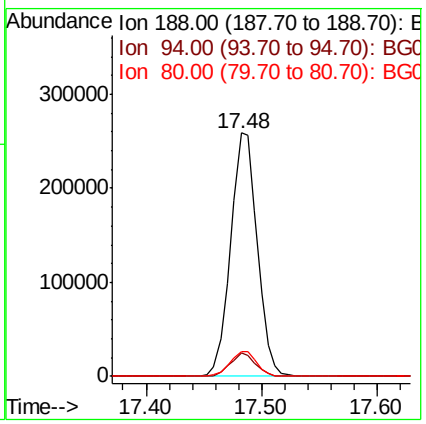


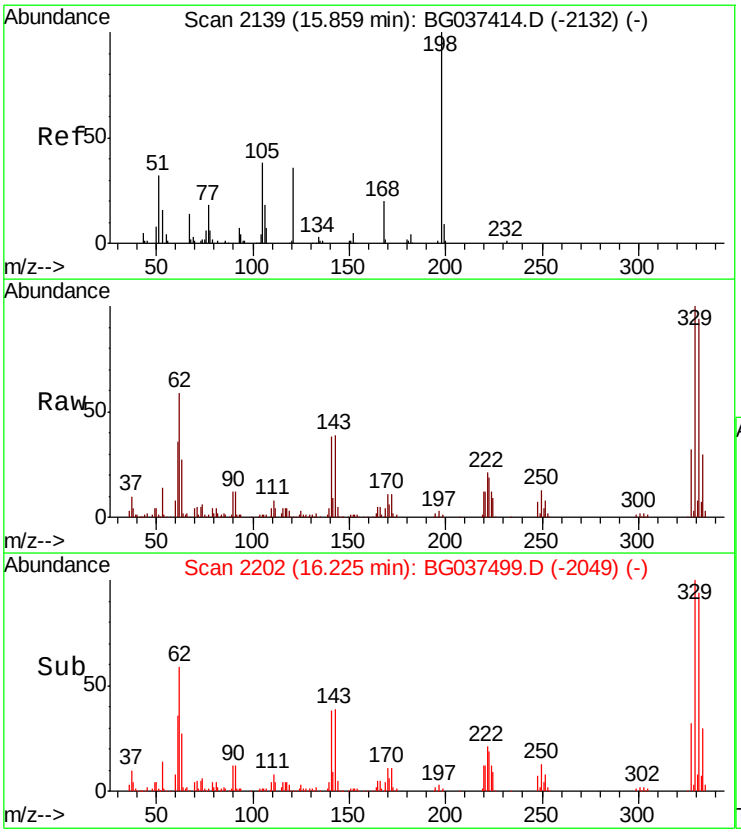
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 413377

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.4	7.7	11.5

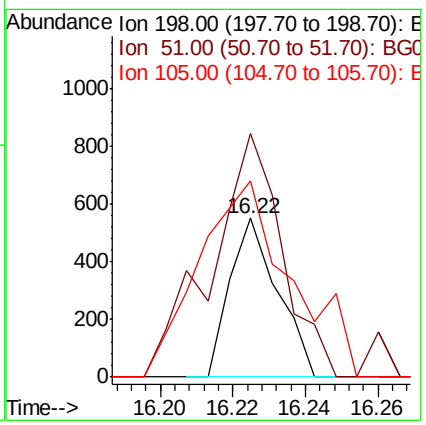


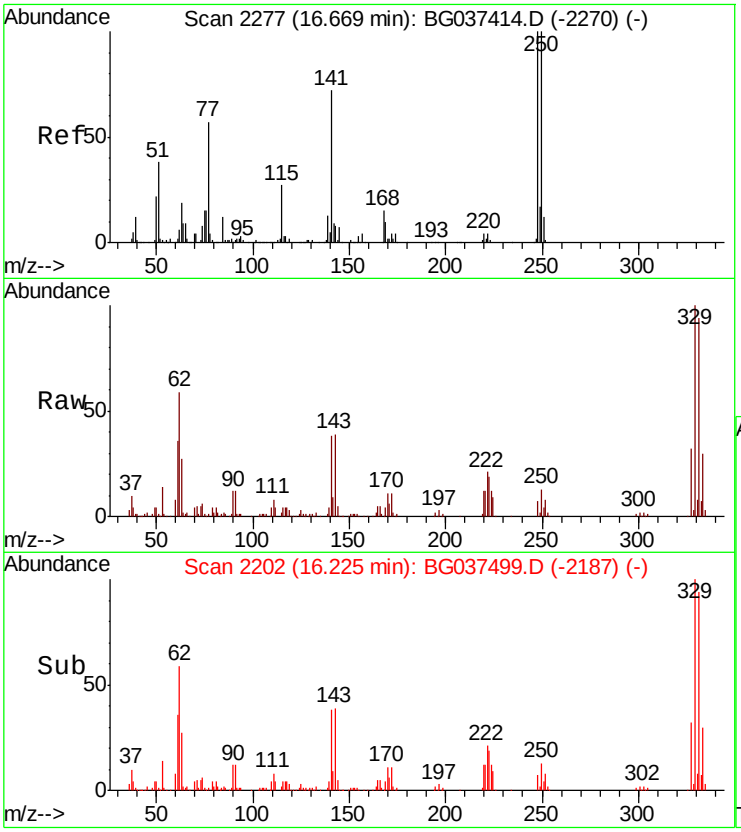


#65
4,6-Dinitro-2-methylphenol
Concen: 8.698 ng
RT: 16.22 min Scan# 2202
Delta R.T. 0.37 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:198 Resp: 503

Ion	Ratio	Lower	Upper
198	100		
51	38.8	22.7	62.7
105	31.3	19.7	59.7



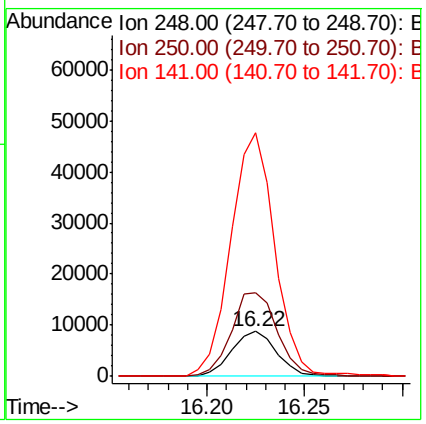


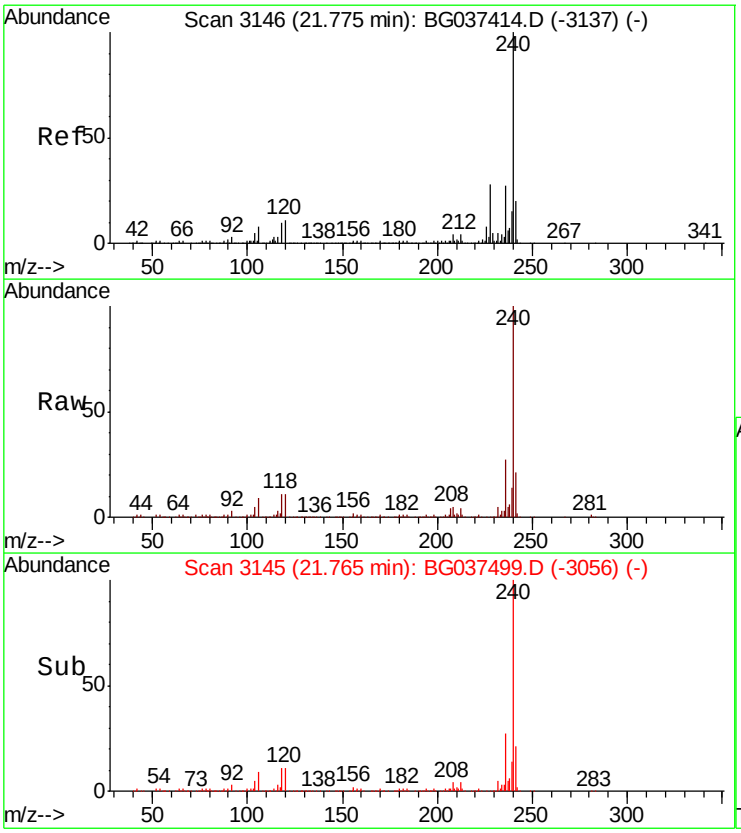
#67
4-Bromophenyl-phenylether
Concen: 3.043 ng
RT: 16.22 min Scan# 2202
Delta R.T. -0.44 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 13816

Ion	Ratio	Lower	Upper
248	100		
250	189.1	77.0	115.6#
141	415.3	55.5	83.3#

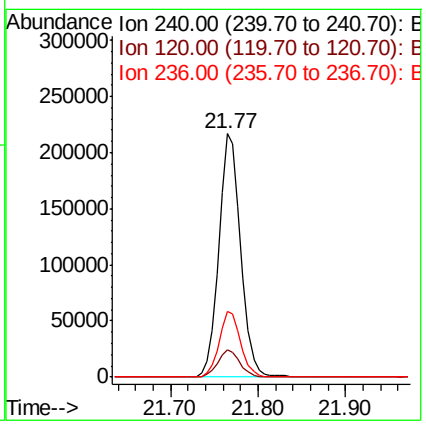


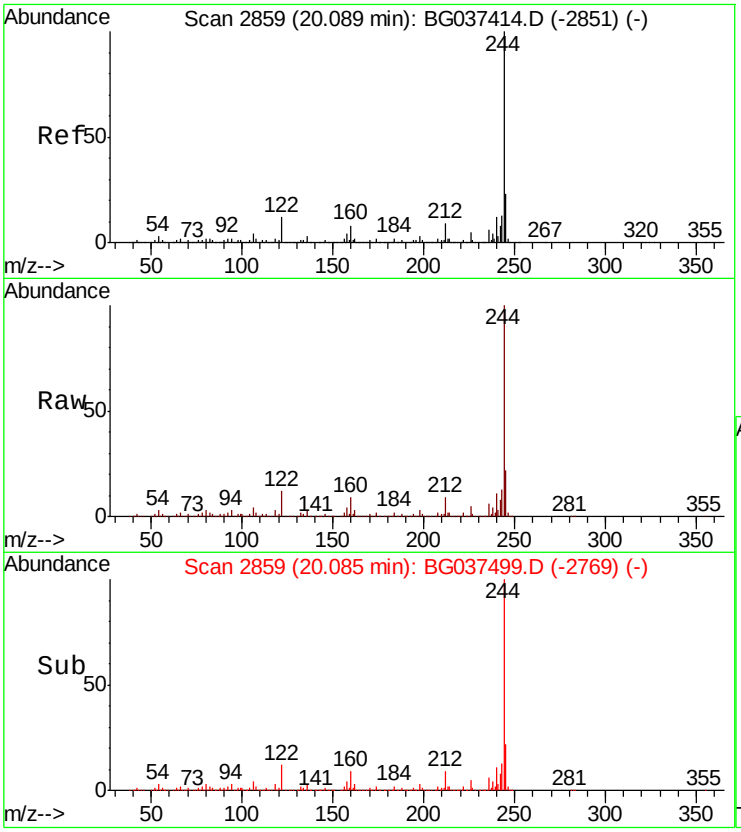


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:240 Resp: 373530

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.1	12.1
236	27.2	21.4	32.0



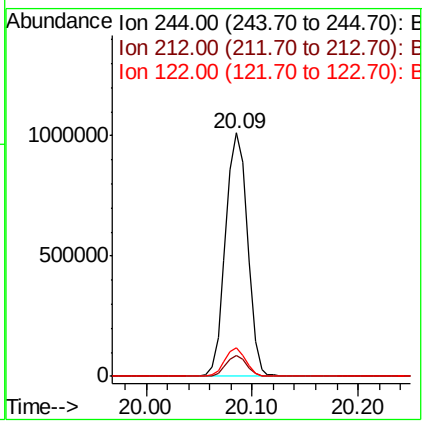


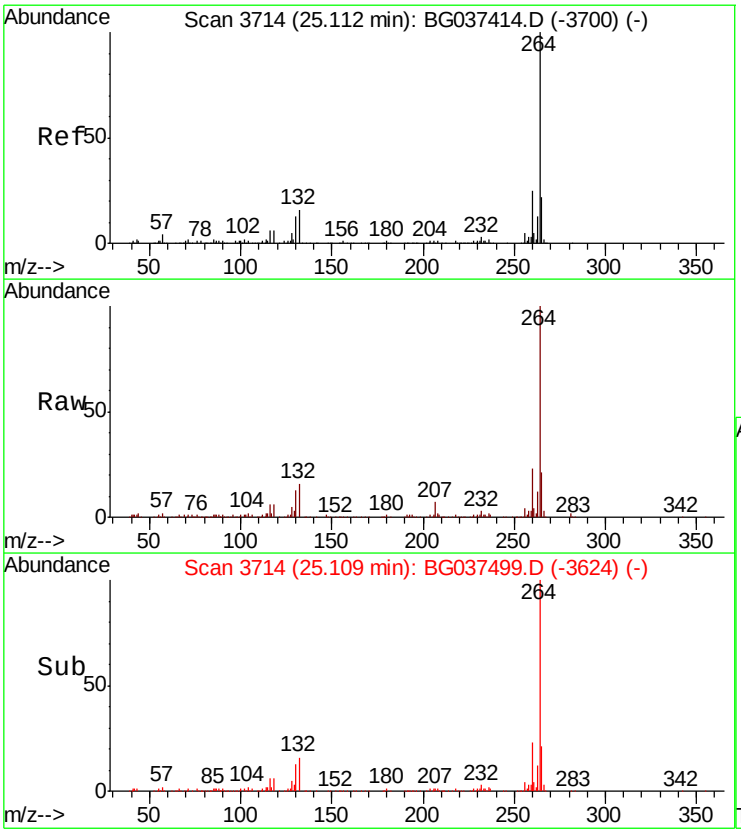
#79
Terphenyl-d14
Concen: 83.283 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1455871

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	12.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037499.D
Acq: 24 Oct 2018 7:01

Tgt Ion:264 Resp: 380533

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.4	17.9	26.9