Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033957.D
Acq On : 24 Apr 2018 16:54
Operator : SJ/JU
Sample : J2475-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Apr 25 00:01:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	89033	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	369575	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	228711	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	518634	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	547235	20.00	ng	-0.03
86) Perylene-d12	24.52	264	580702	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	386692	69.34	ng	0.00
7) Phenol-d6	7.00	99	321395	39.51	ng	0.00
23) Nitrobenzene-d5	8.98	82	662799	102.06	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	429019	160.78	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1583181	101.69	ng	-0.02
78) Terphenyl-d14	19.85	244	2004580	82.30	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.99	77	814	Below Cal	#	5
19) n-Nitroso-di-n-propylamine	8.98	70	92564	13.350	ng	# 78
32) Benzoic acid	9.92	122	117	5.104	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.89	198	274	6.584	ng	# 1
66) 4-Bromophenyl-phenylether	15.95	248	15718	2.760	ng	# 1

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

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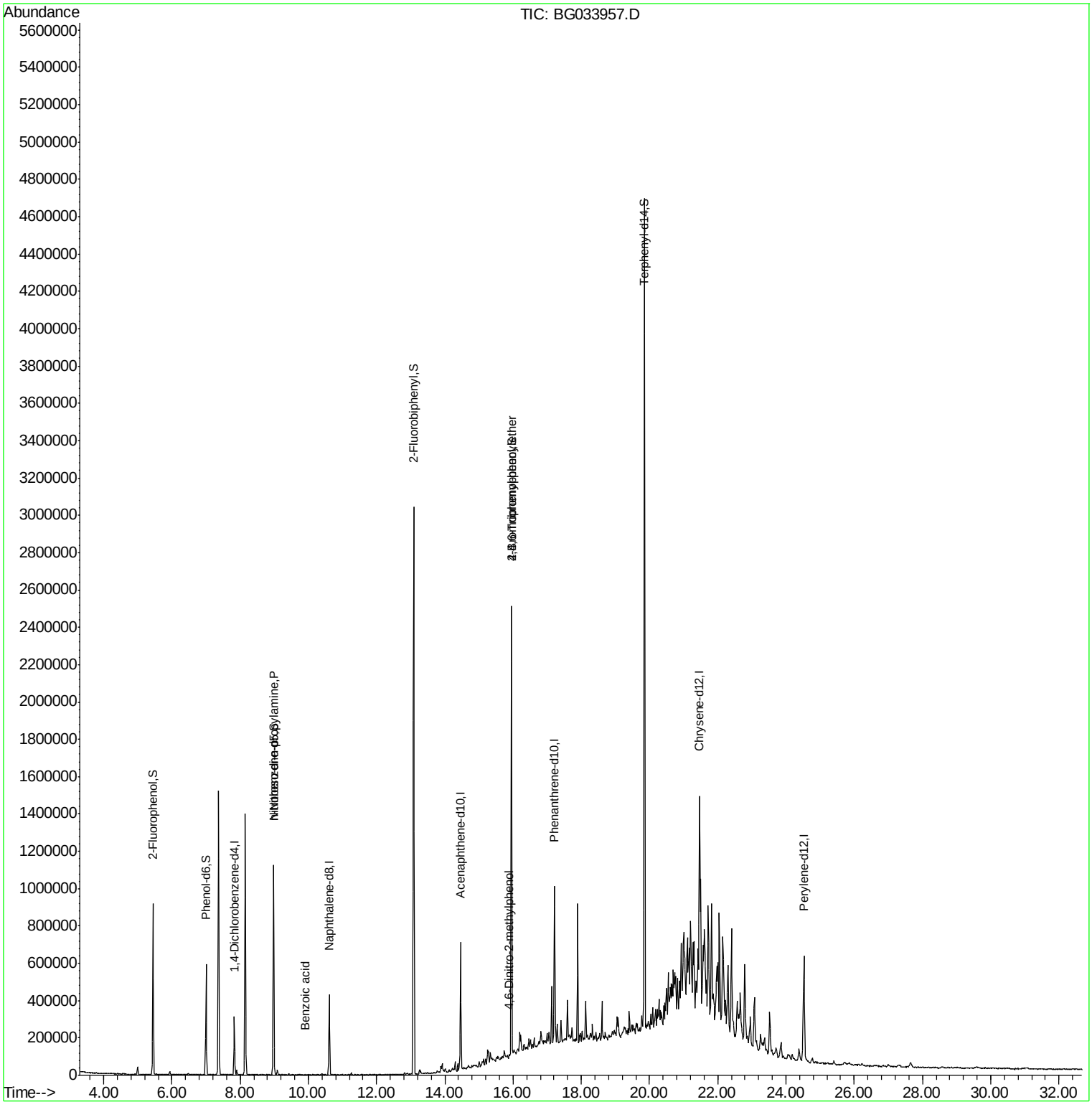
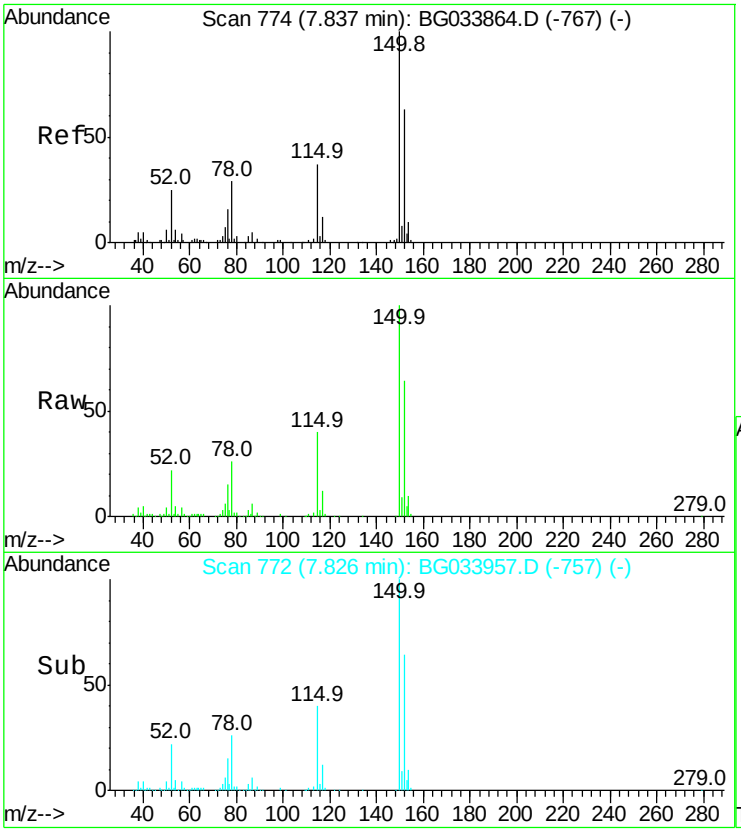


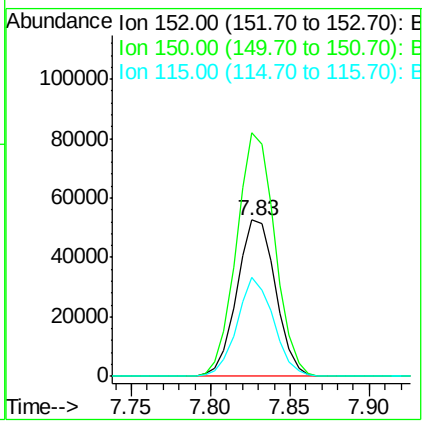


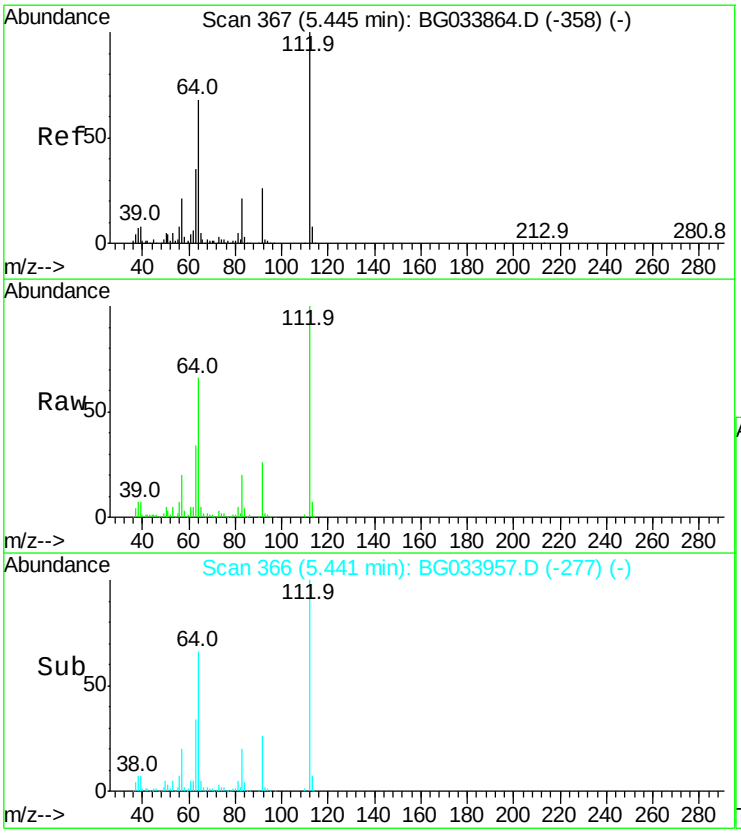
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 89033

Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.6	189.8
115	63.2	53.0	79.4

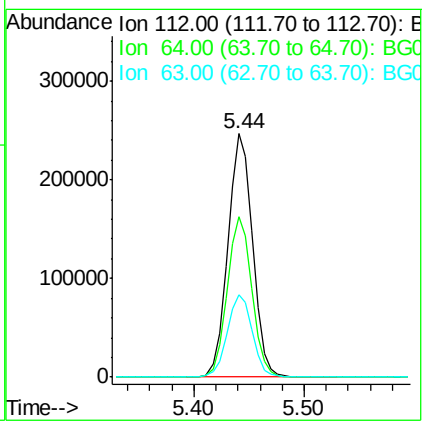


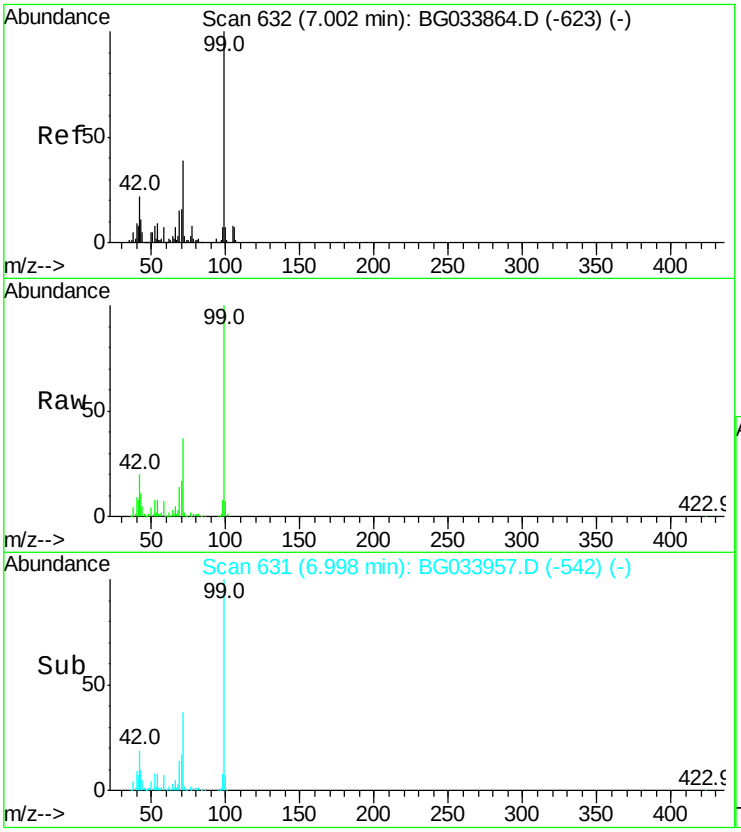


#5
2-Fluorophenol
Concen: 69.341 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:112 Resp: 386692

Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	33.7	30.1	45.1



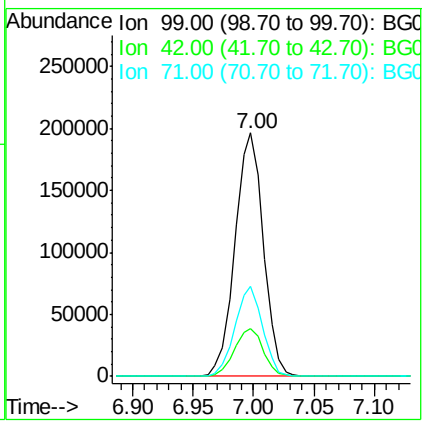


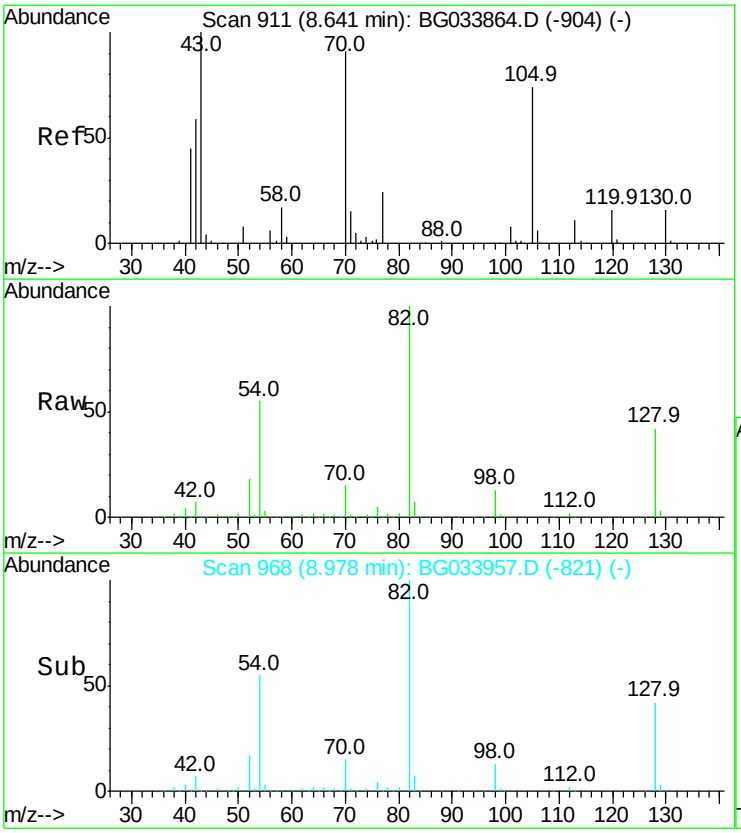
#7
Phenol-d6
Concen: 39.513 ng
RT: 7.00 min Scan# 631
Delta R.T. -0.00 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 321395

Ion	Ratio	Lower	Upper
99	100		
42	19.7	14.1	21.1
71	37.2	26.1	39.1

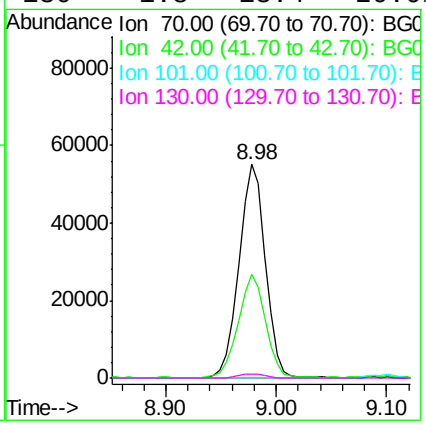


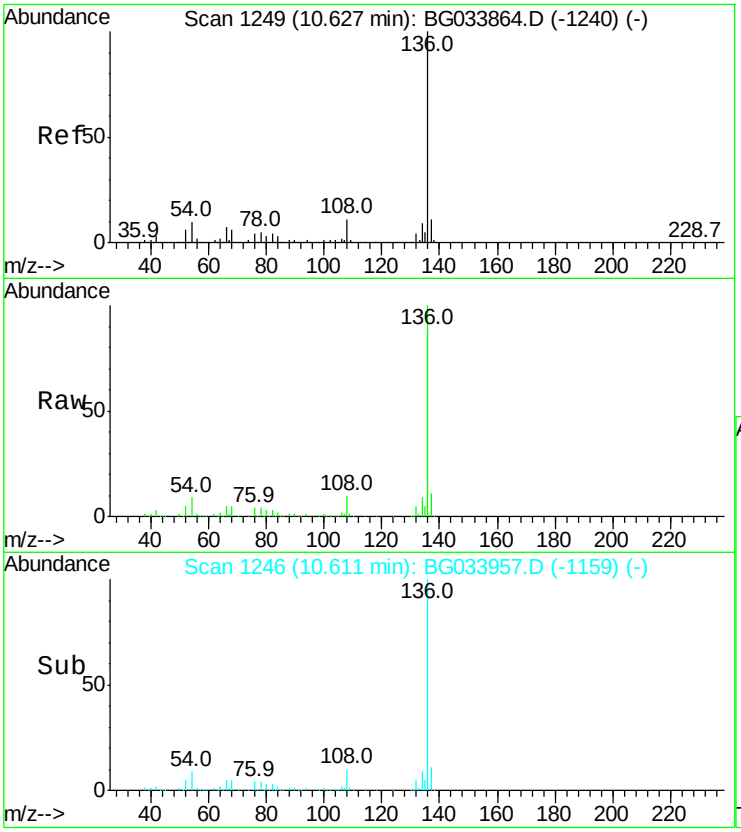


#19
n-Nitroso-di-n-propylamine
Concen: 13.350 ng
RT: 8.98 min Scan# 968
Delta R.T. 0.34 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion: 70 Resp: 92564

Ion	Ratio	Lower	Upper
70	100		
42	48.3	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



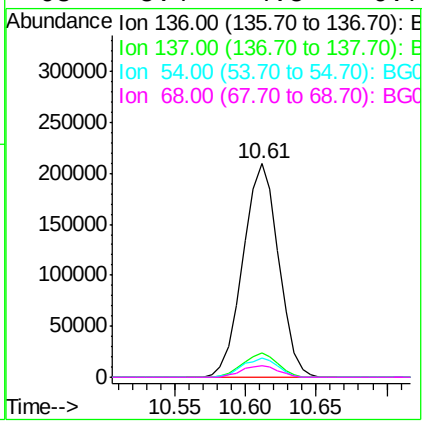


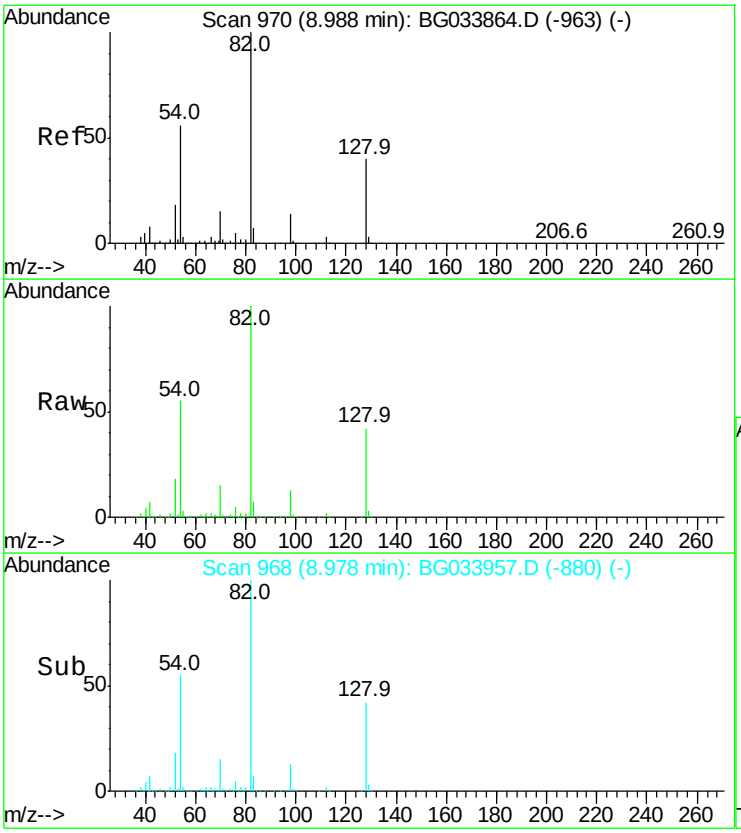
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.61 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 369575

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	9.0	10.3	15.5#
68	5.4	4.5	6.7

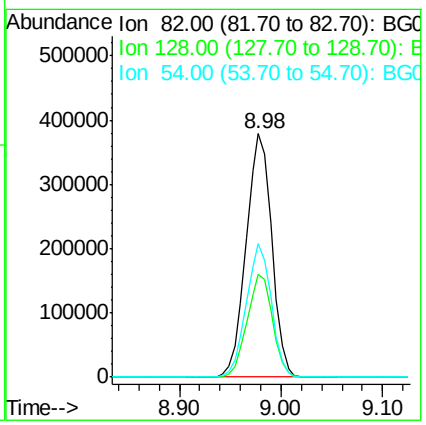


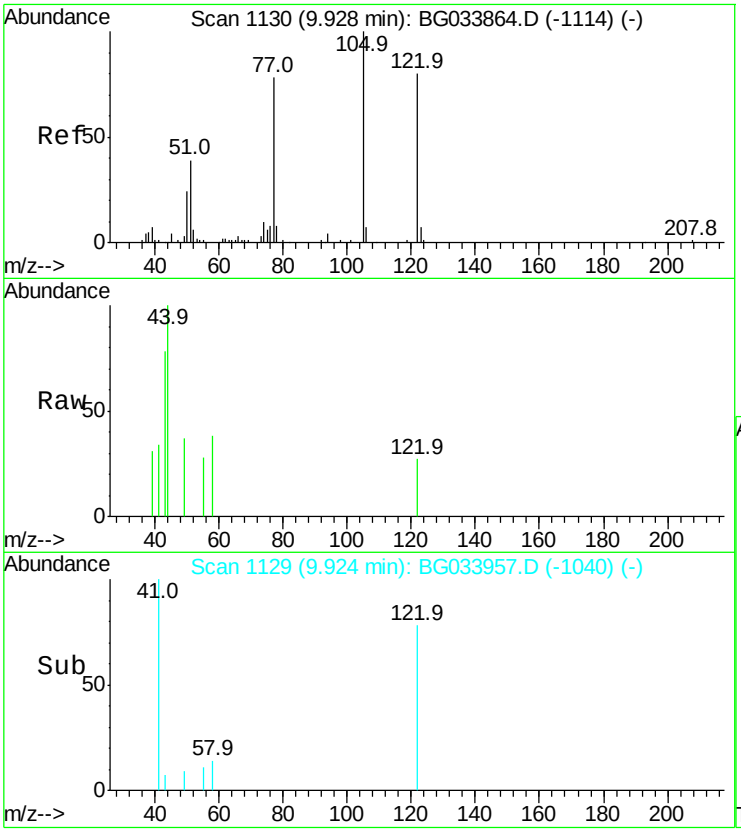


#23
Nitrobenzene-d5
Concen: 102.062 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion: 82 Resp: 662799

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.7	44.5
54	54.6	43.1	64.7



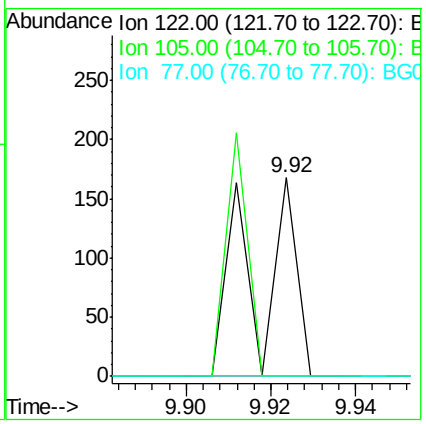


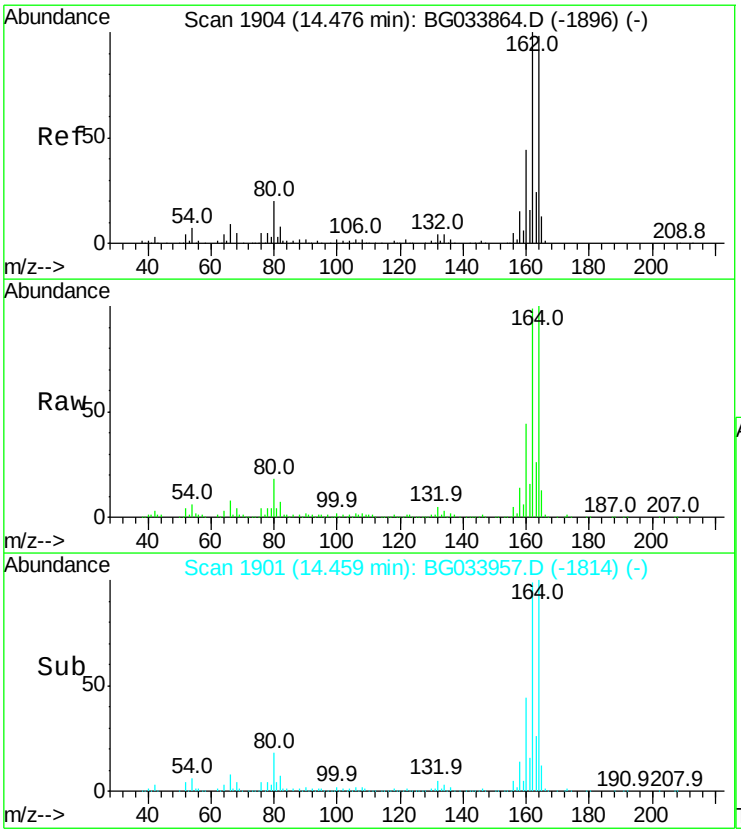
#32
Benzoic acid
Concen: 5.104 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 117

Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

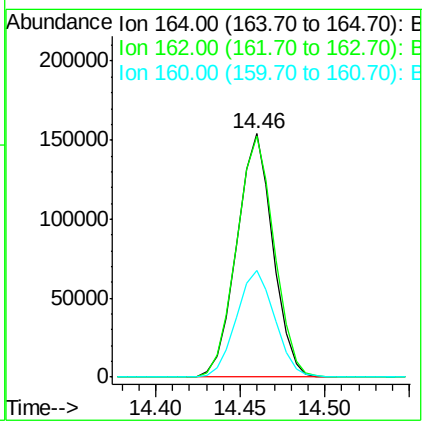


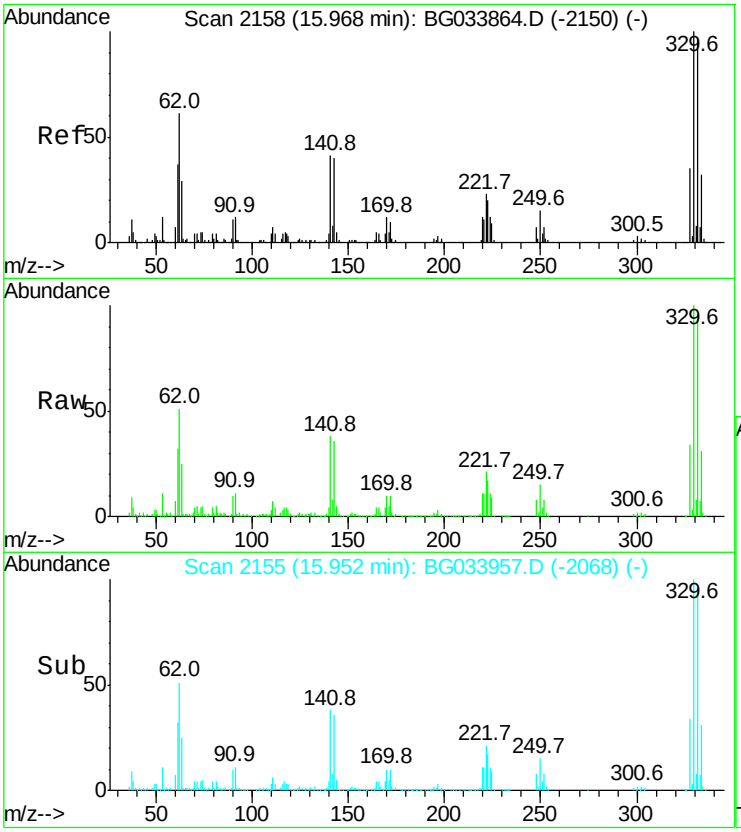


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:164 Resp: 228711

Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	43.9	35.4	53.0



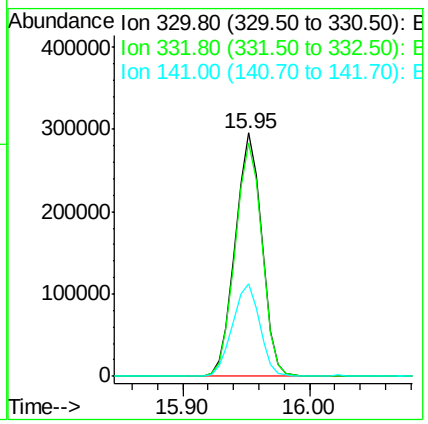


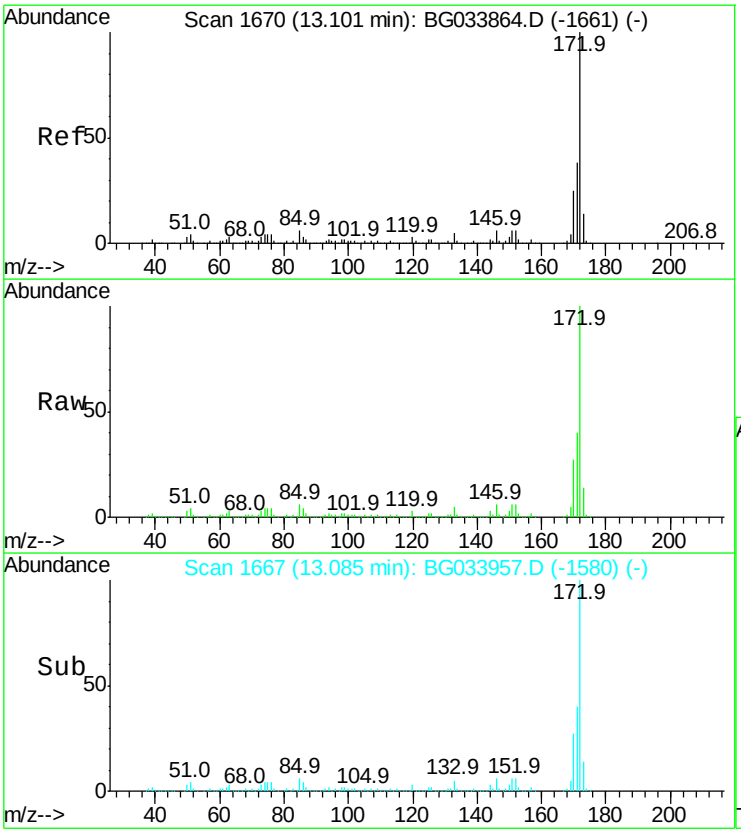
#41
2,4,6-Tribromophenol
Concen: 160.785 ng
RT: 15.95 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 429019

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	38.2	25.2	37.8#

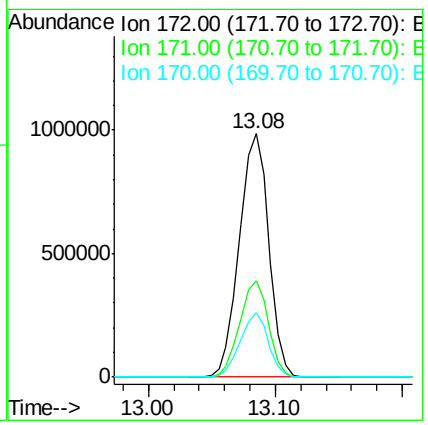


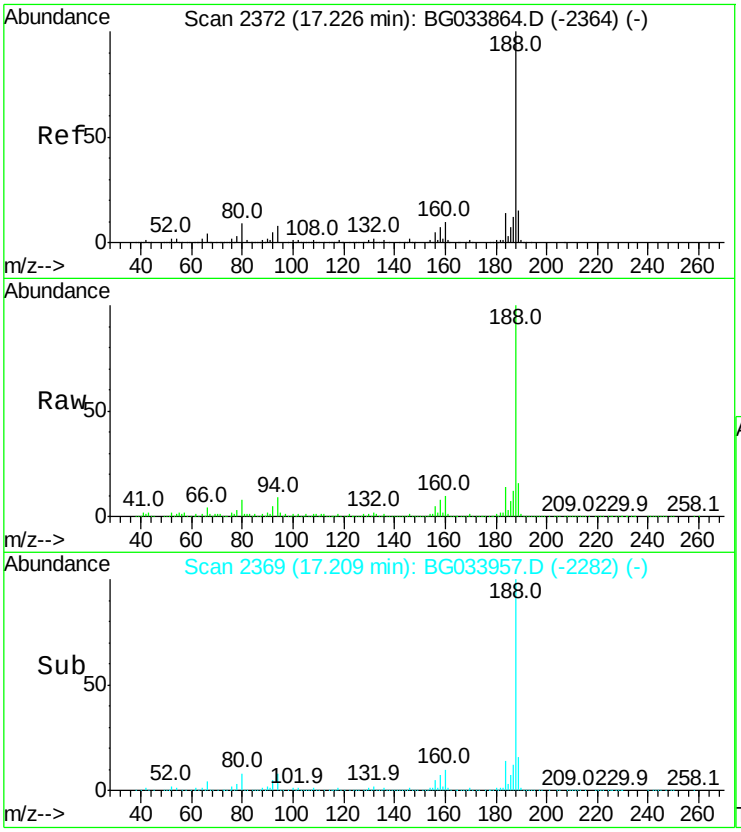


#44
2-Fluorobiphenyl
Concen: 101.689 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:172 Resp: 1583181

Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.0	45.0
170	26.7	19.5	29.3



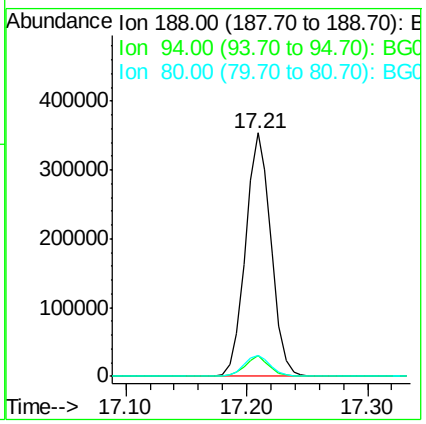


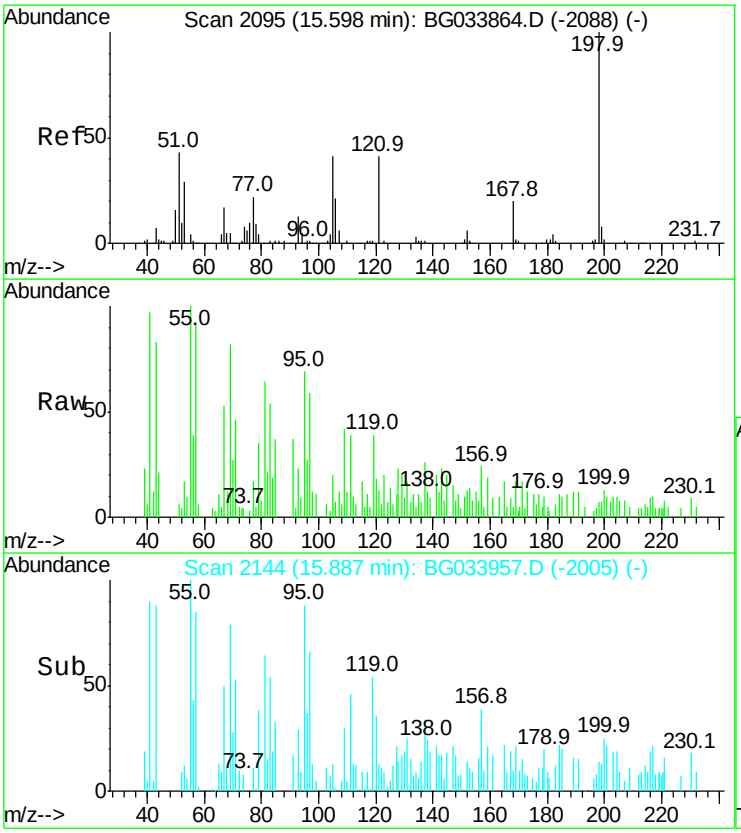
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 518634

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	8.4	7.7	11.5

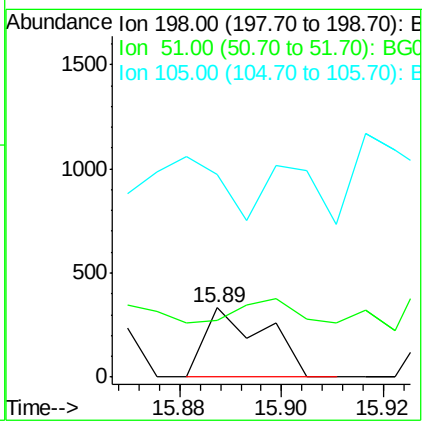


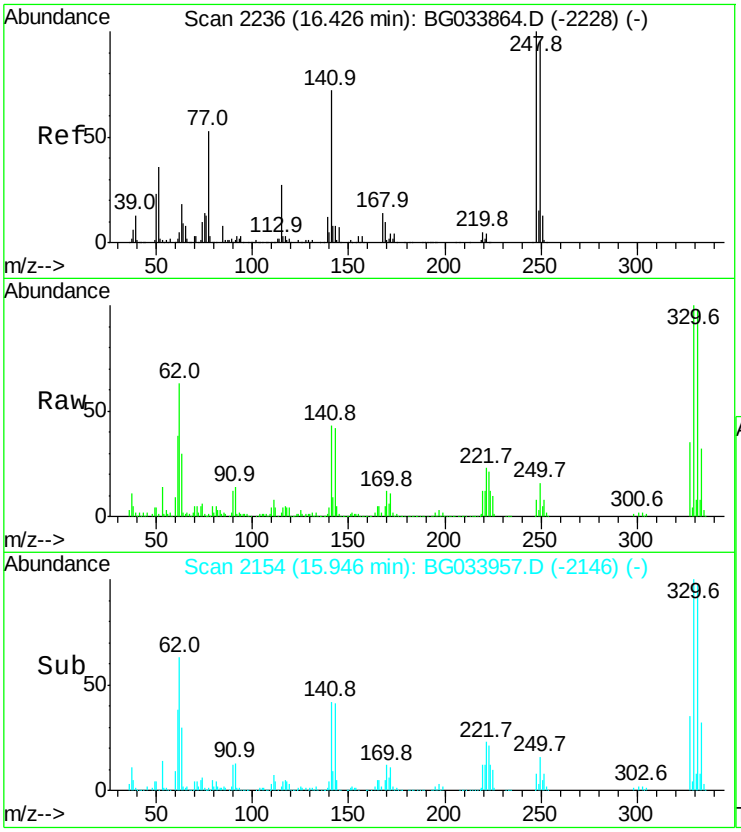


#64
4,6-Dinitro-2-methylphenol
Concen: 6.584 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.29 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:198 Resp: 274

Ion	Ratio	Lower	Upper
198	100		
51	82.8	30.6	70.6#
105	294.0	23.8	63.8#



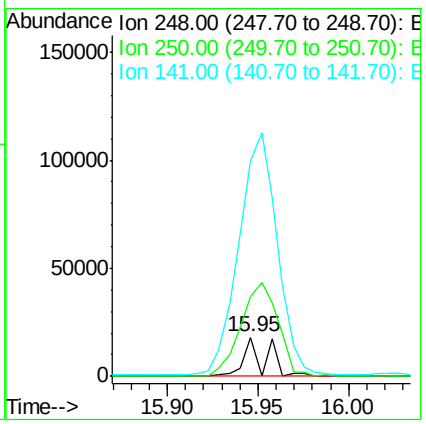


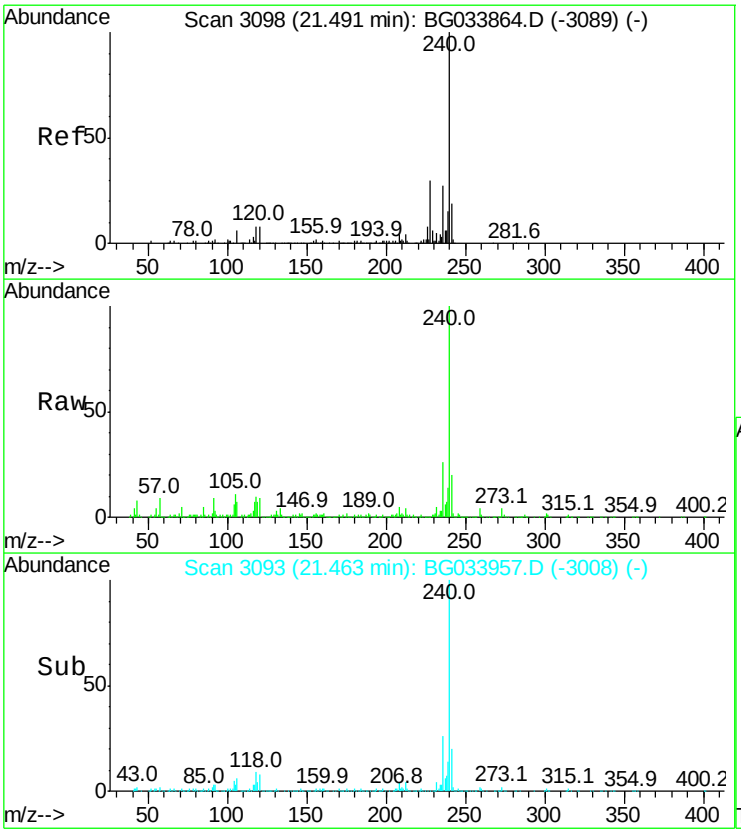
#66
4-Bromophenyl-phenylether
Concen: 2.760 ng
RT: 15.95 min Scan# 2154
Delta R.T. -0.48 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15718

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.1	115.7#
141	415.0	50.8	76.2#

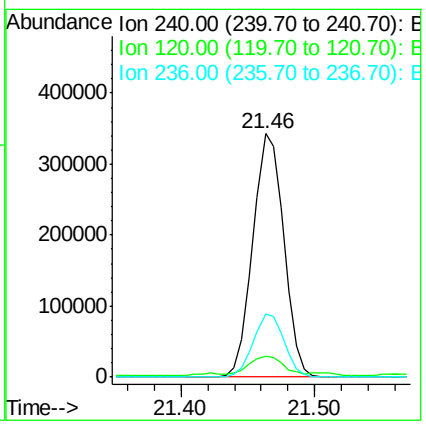


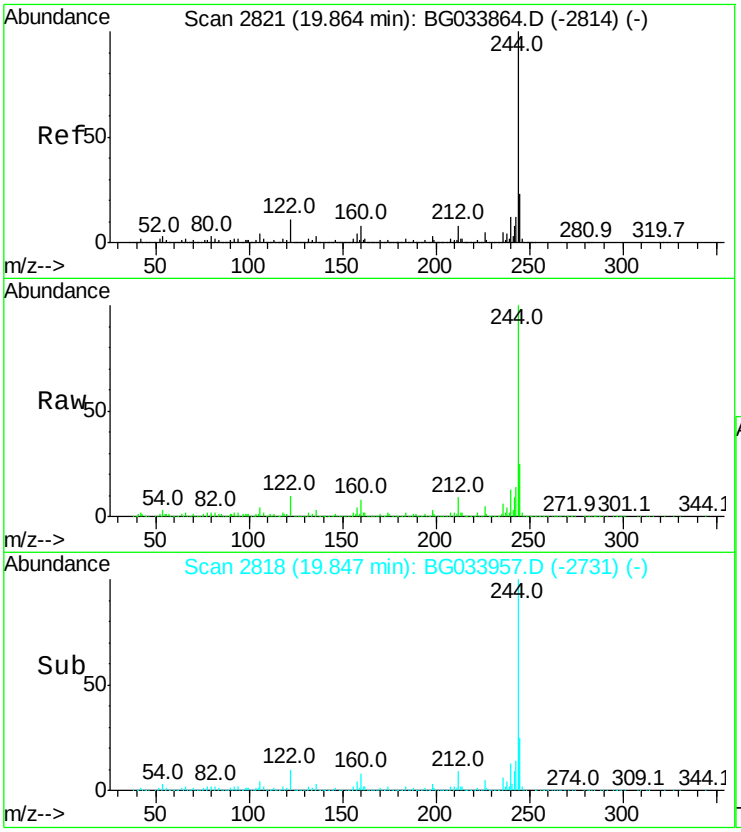


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:240 Resp: 547235

Ion	Ratio	Lower	Upper
240	100		
120	8.6	6.8	10.2
236	25.8	20.9	31.3



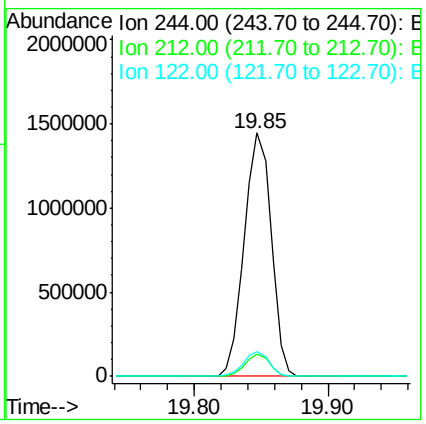


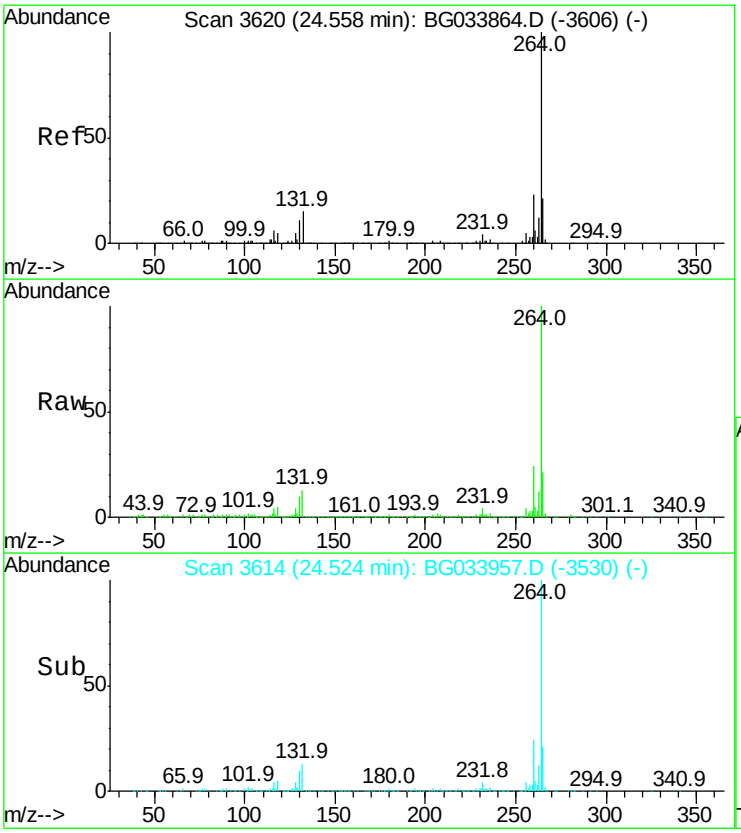
#78
Terphenyl-d14
Concen: 82.296 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 2004580

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	10.4	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033957.D
Acq: 24 Apr 2018 16:54

Tgt Ion:264 Resp: 580702

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.3	17.7	26.5