Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
Operator : JU/SJ
Sample : J4906-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Sep 15 02:11:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49754	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	205574	20.00	ng		-0.01
38) Acenaphthene-d10	14.67	164	145025	20.00	ng		-0.01
63) Phenanthrene-d10	17.42	188	352548	20.00	ng		-0.01
75) Chrysene-d12	21.68	240	338747	20.00	ng		-0.01
86) Perylene-d12	24.89	264	347518	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	253331	80.77	ng		0.00
7) Phenol-d6	7.21	99	344716	76.76	ng		-0.01
23) Nitrobenzene-d5	9.21	82	224370	59.22	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	159389	92.11	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	507078	49.92	ng		-0.01
78) Terphenyl-d14	20.02	244	806296	55.63	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.23	94	10076	2.144	ng		87
18) Hexachloroethane	9.16	117	19654	13.980	ng	#	1
19) n-Nitroso-di-n-propylamine	8.82	70	7541	2.247	ng	#	77
25) Isophorone	9.78	82	19364	2.573	ng	#	1
32) Benzoic acid	10.14	122	274	4.591	ng	#	1
37) 2-Methylnaphthalene	12.51	142	64598	8.591	ng		95
49) Dimethylphthalate	14.12	163	52581	4.440	ng	#	95
66) 4-Bromophenyl-phenylether	16.16	248	10940	2.650	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036713.D
Acq On : 14 Sep 2018 20:00
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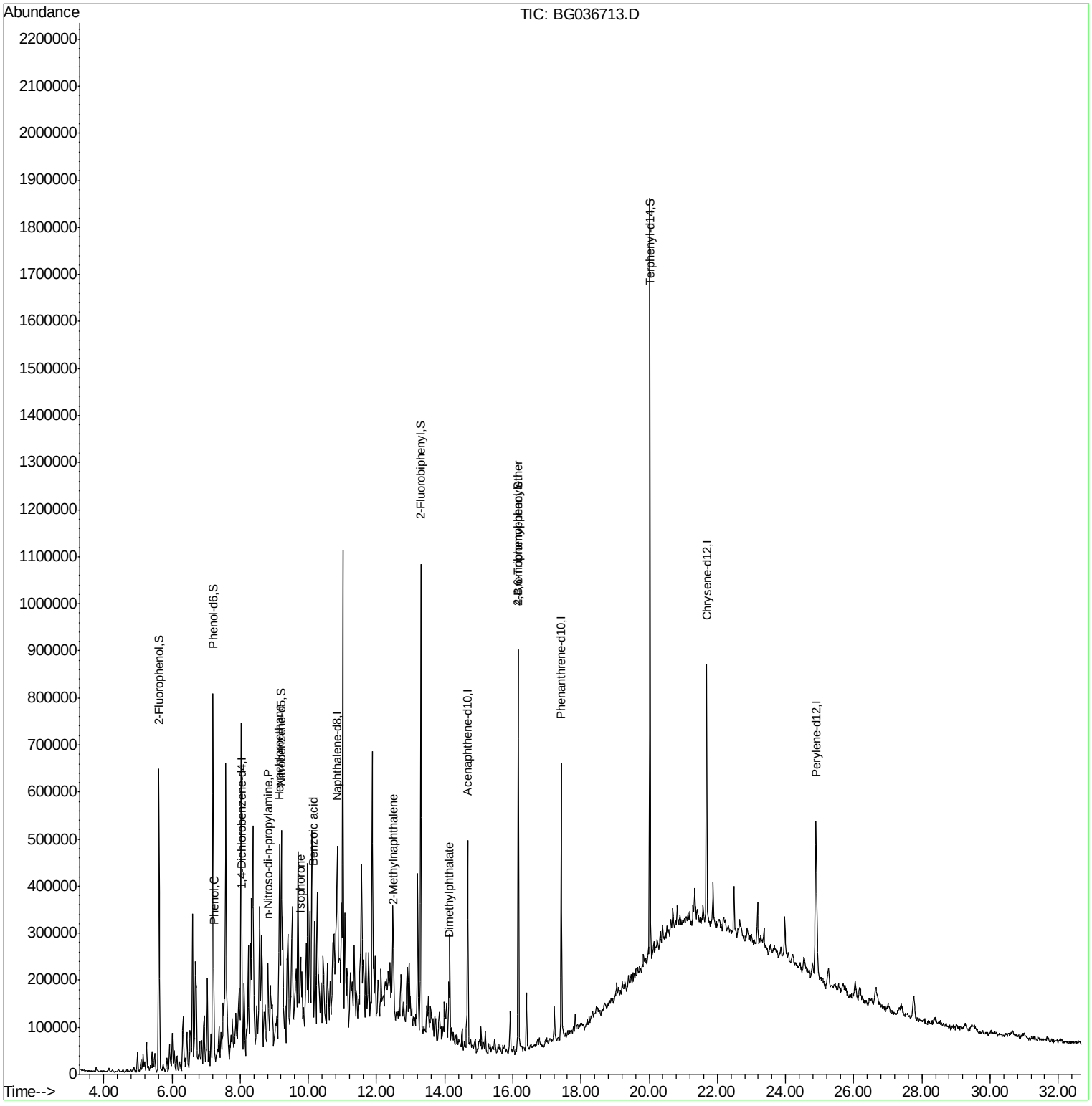
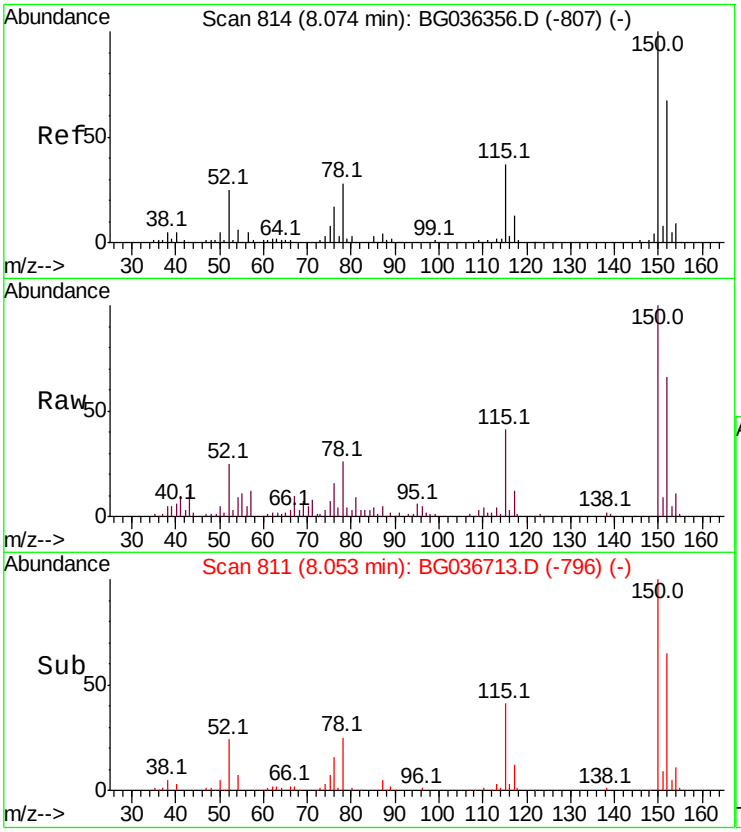
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 15 02:11:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



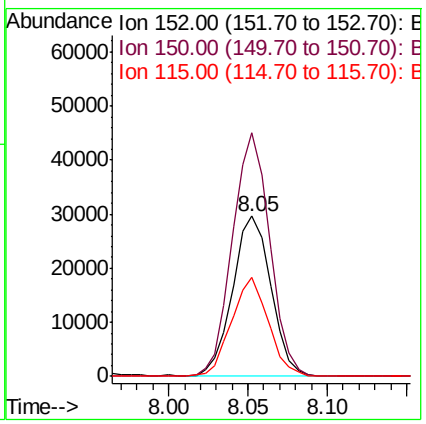


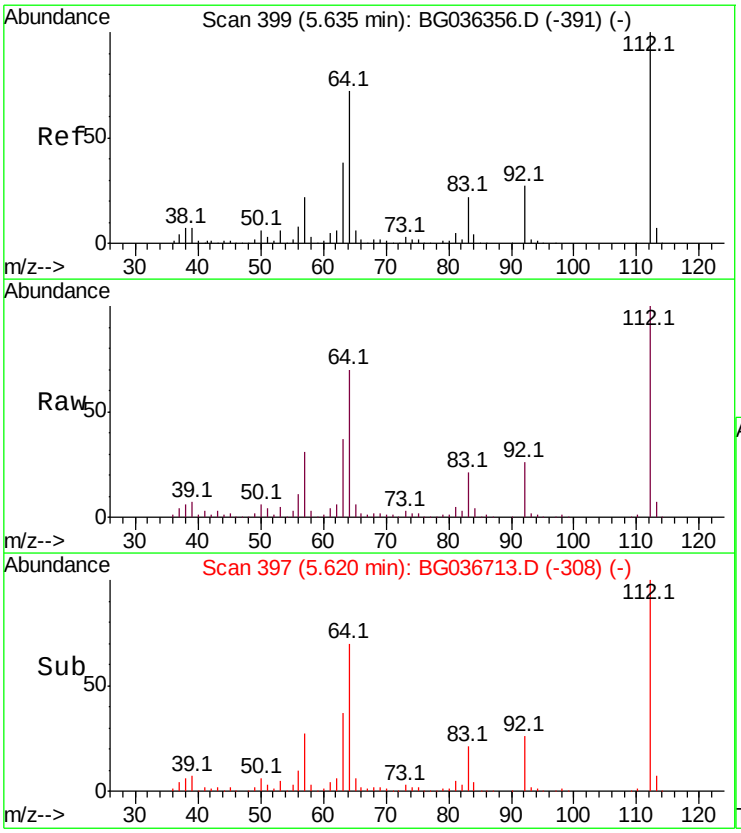
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 49754

Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.5	179.3
115	61.7	44.5	66.7

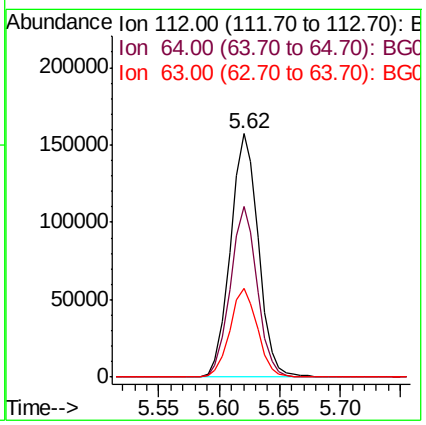


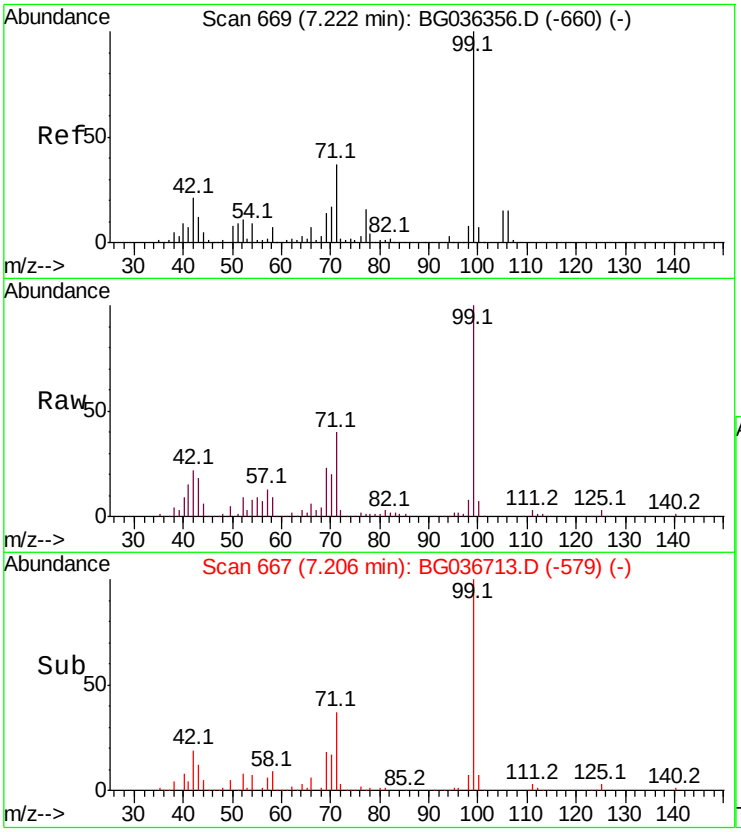


#5
2-Fluorophenol
Concen: 80.769 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:112 Resp: 253331

Ion	Ratio	Lower	Upper
112	100		
64	70.3	57.2	85.8
63	36.5	30.8	46.2



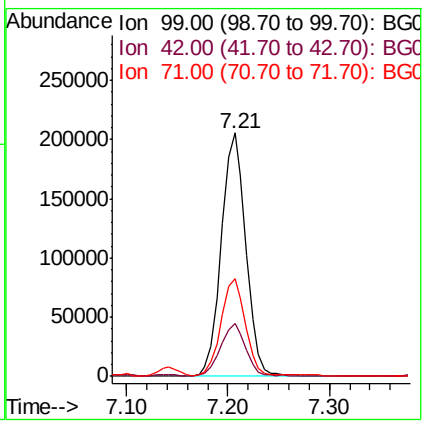


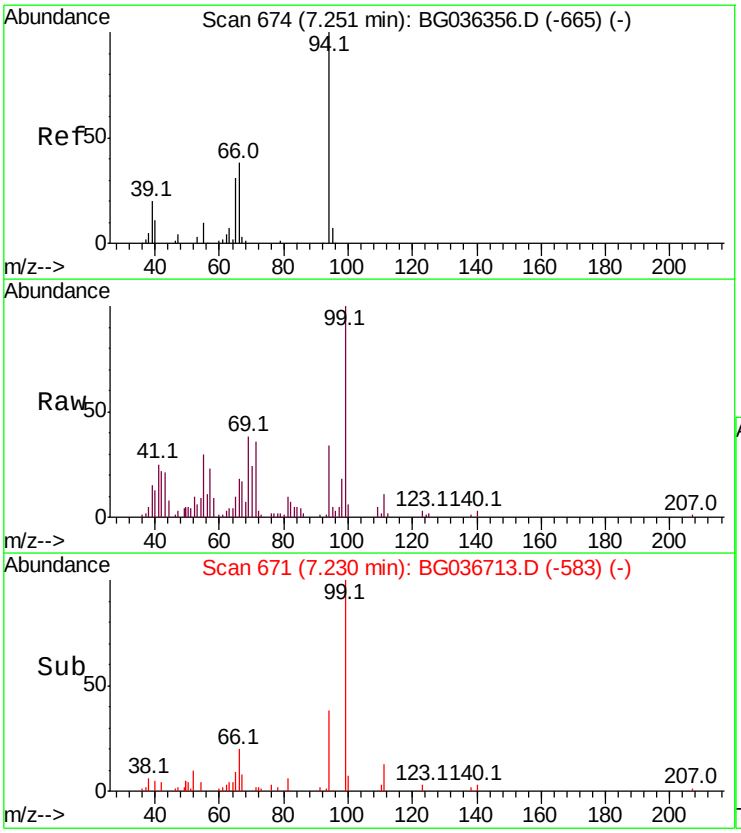
#7
Phenol-d6
Concen: 76.763 ng
RT: 7.21 min Scan# 667
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 344716

Ion	Ratio	Lower	Upper
99	100		
42	21.7	16.5	24.7
71	40.4	29.4	44.2

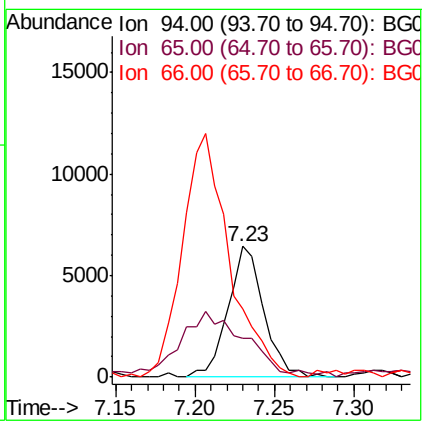


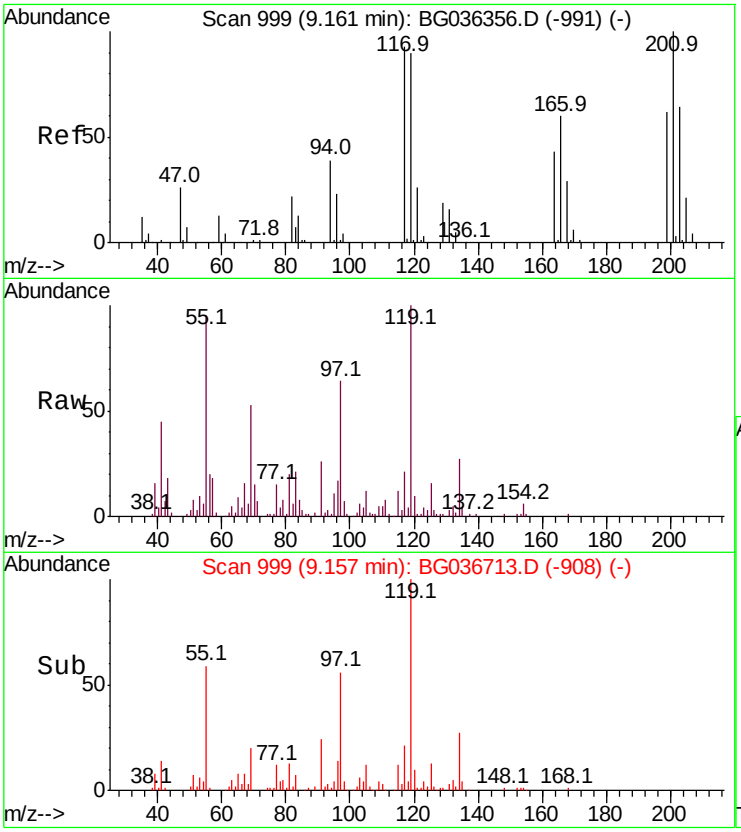


#10
Phenol
Concen: 2.144 ng
RT: 7.23 min Scan# 671
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion: 94 Resp: 10076

Ion	Ratio	Lower	Upper
94	100		
65	30.2	11.5	51.5
66	52.7	19.5	59.5



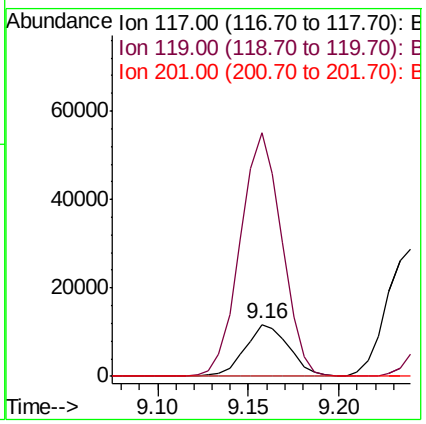


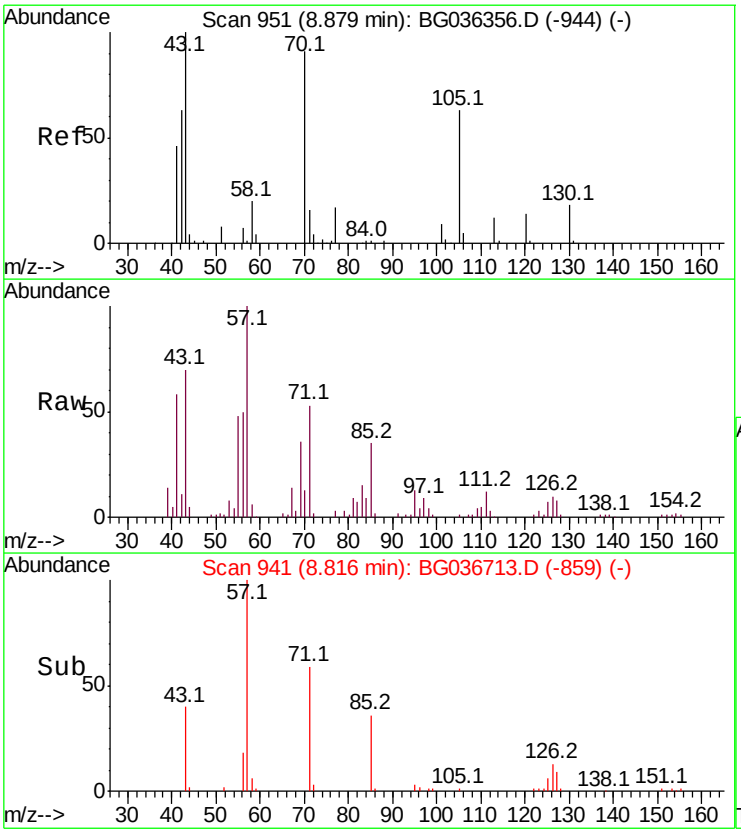
#18
Hexachloroethane
Concen: 13.980 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:117 Resp: 19654

Ion	Ratio	Lower	Upper
117	100		
119	466.1	76.8	115.2#
201	0.0	85.7	128.5#

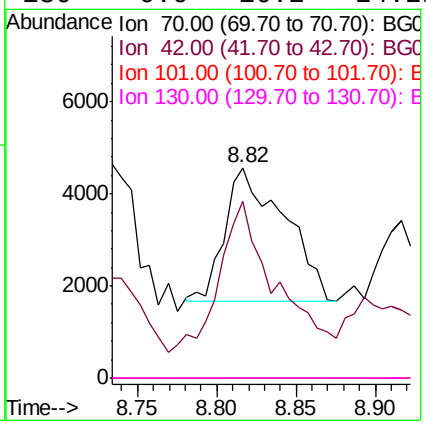


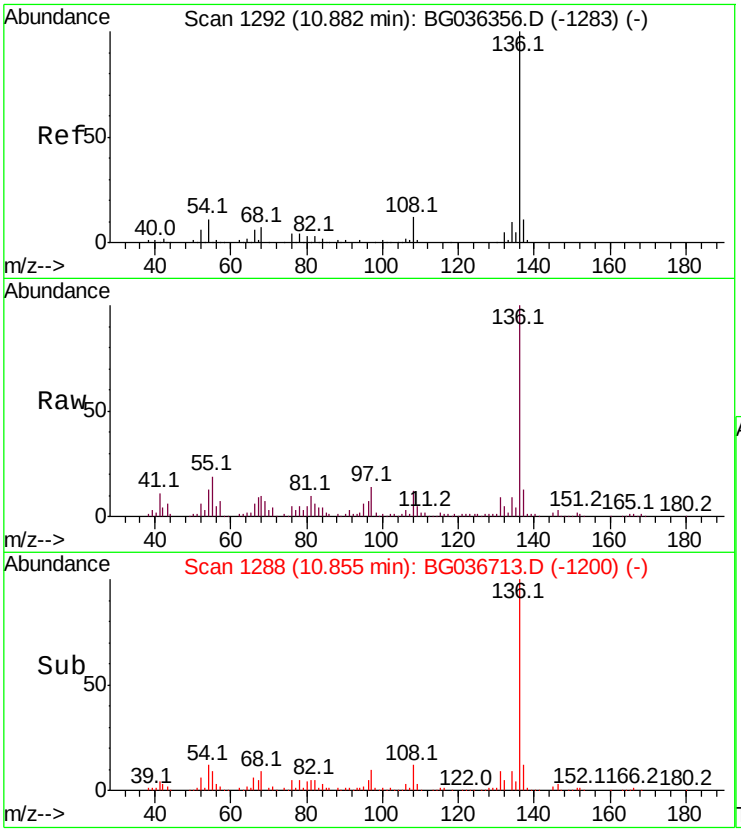


#19
n-Nitroso-di-n-propylamine
Concen: 2.247 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.05 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion: 70 Resp: 7541

Ion	Ratio	Lower	Upper
70	100		
42	84.0	56.2	84.4
101	0.0	7.8	11.6#
130	0.0	16.2	24.2#



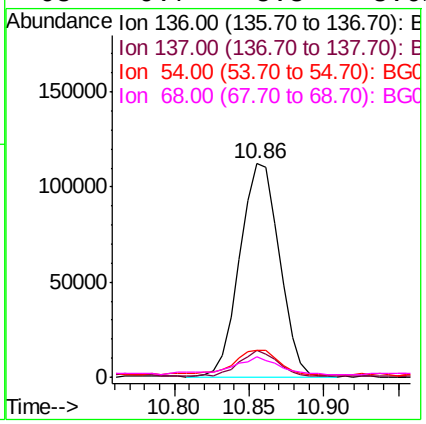


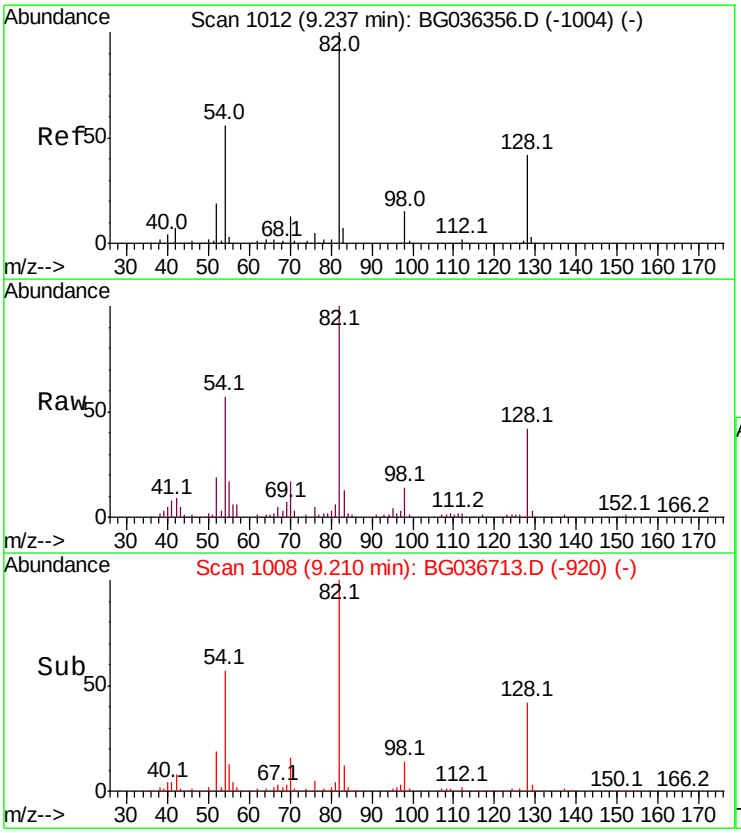
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 205574

Ion	Ratio	Lower	Upper
136	100		
137	12.8	8.8	13.2
54	12.8	9.2	13.8
68	9.7	5.8	8.6#

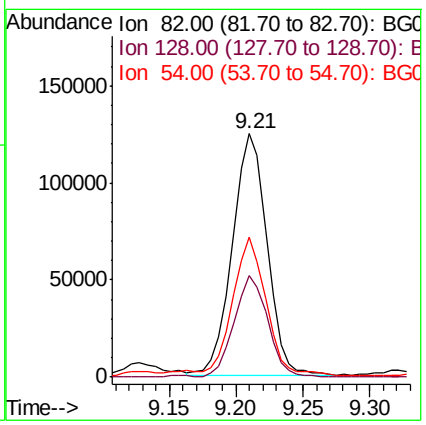


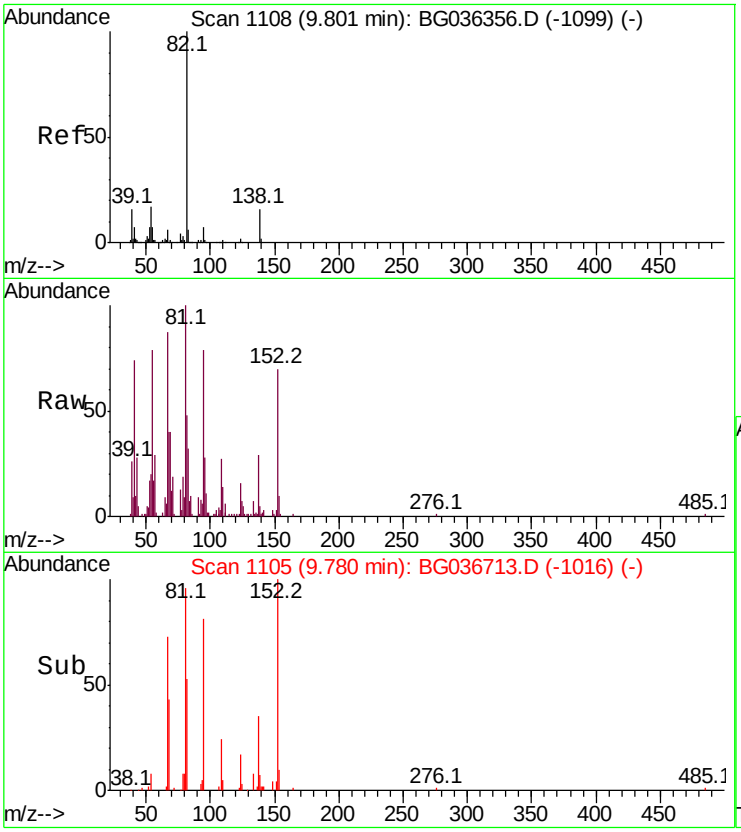


#23
Nitrobenzene-d5
Concen: 59.217 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion: 82 Resp: 224370

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	57.4	45.1	67.7



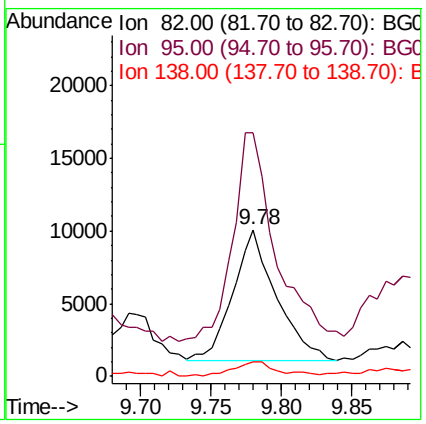


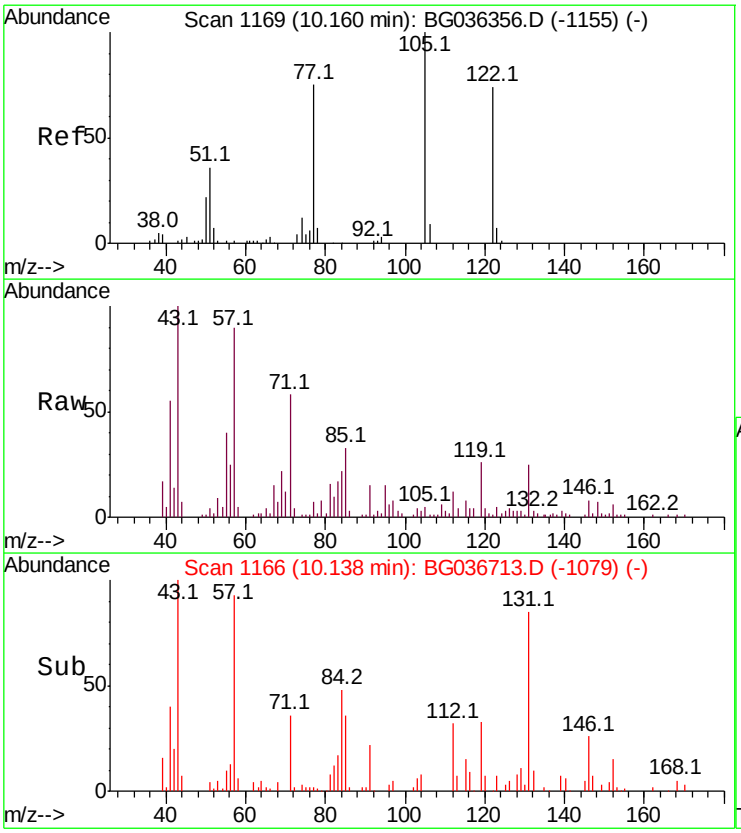
#25
Isophorone
Concen: 2.573 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 19364

Ion	Ratio	Lower	Upper
82	100		
95	166.2	5.8	8.8#
138	9.7	12.9	19.3#

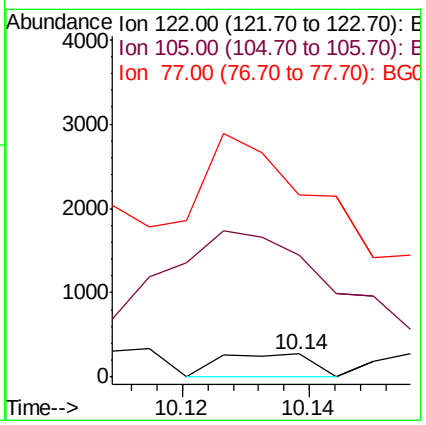


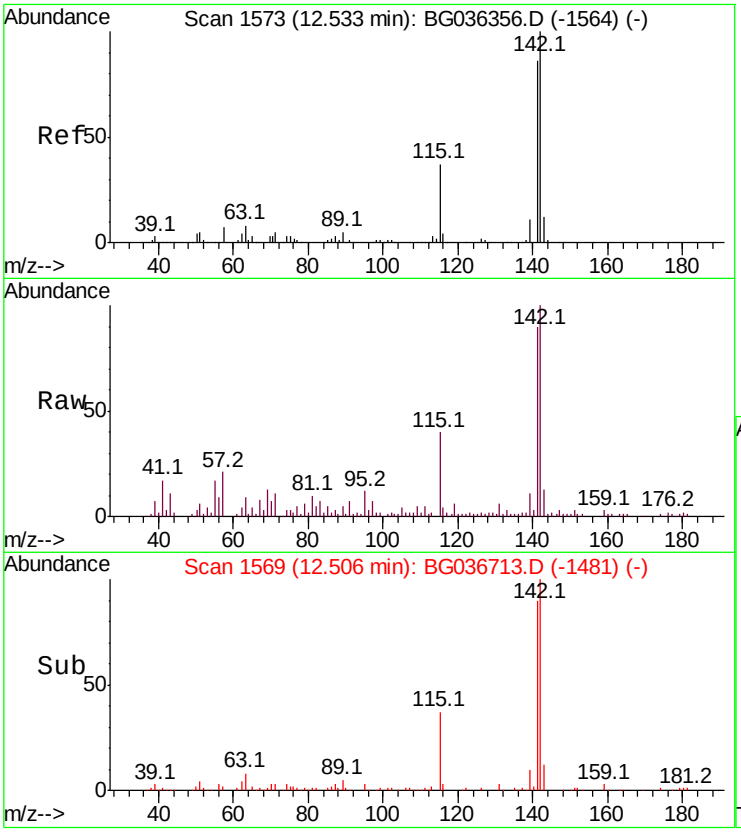


#32
Benzoic acid
Concen: 4.591 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:122 Resp: 274

Ion	Ratio	Lower	Upper
122	100		
105	533.1	108.1	148.1#
77	791.5	76.3	116.3#



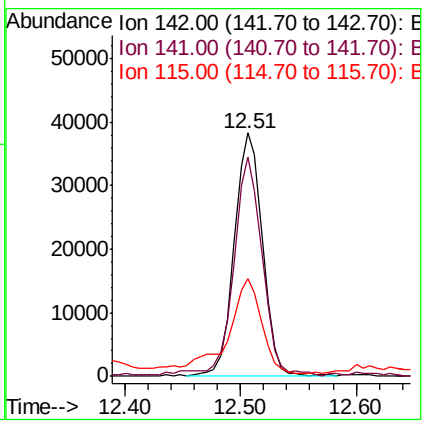


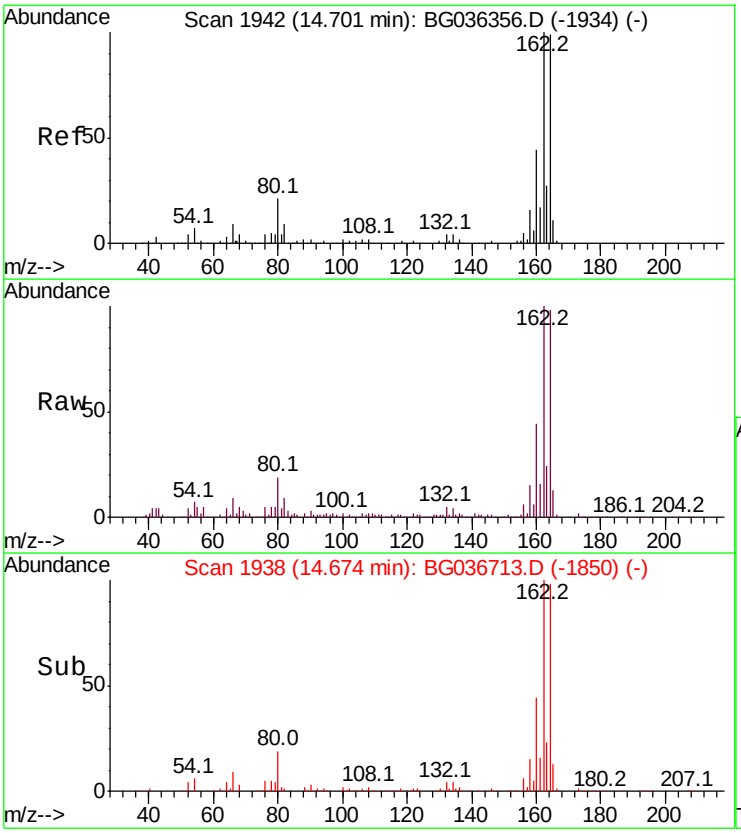
#37
2-Methylnaphthalene
Concen: 8.591 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 64598

Ion	Ratio	Lower	Upper
142	100		
141	90.3	68.5	102.7
115	40.2	29.8	44.8

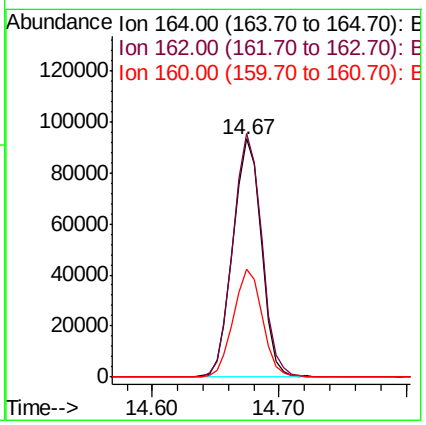


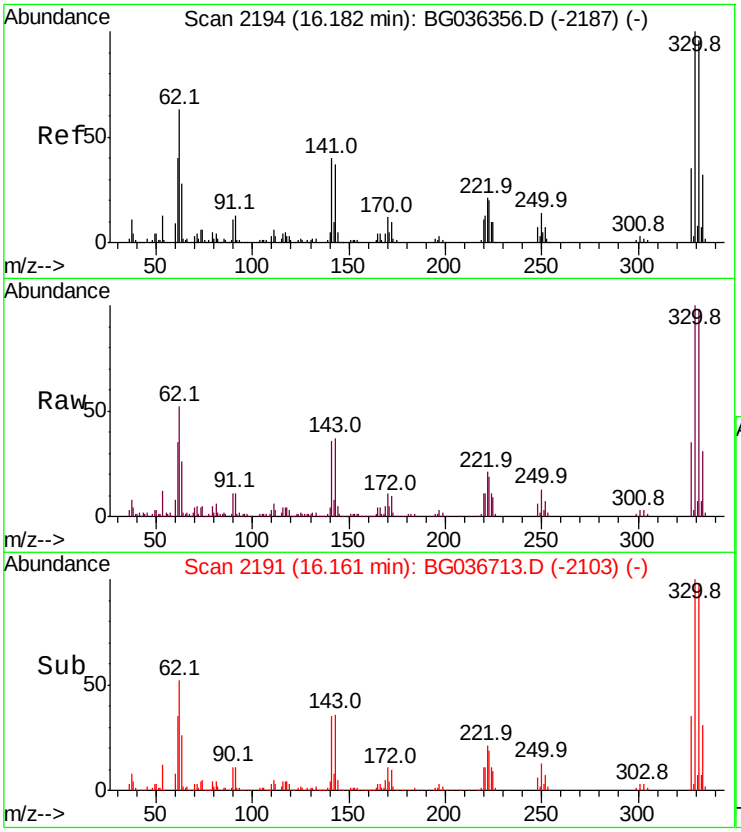


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:164 Resp: 145025

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.7	121.1
160	45.0	35.3	52.9



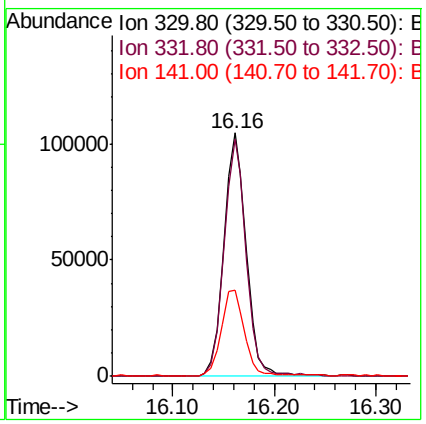


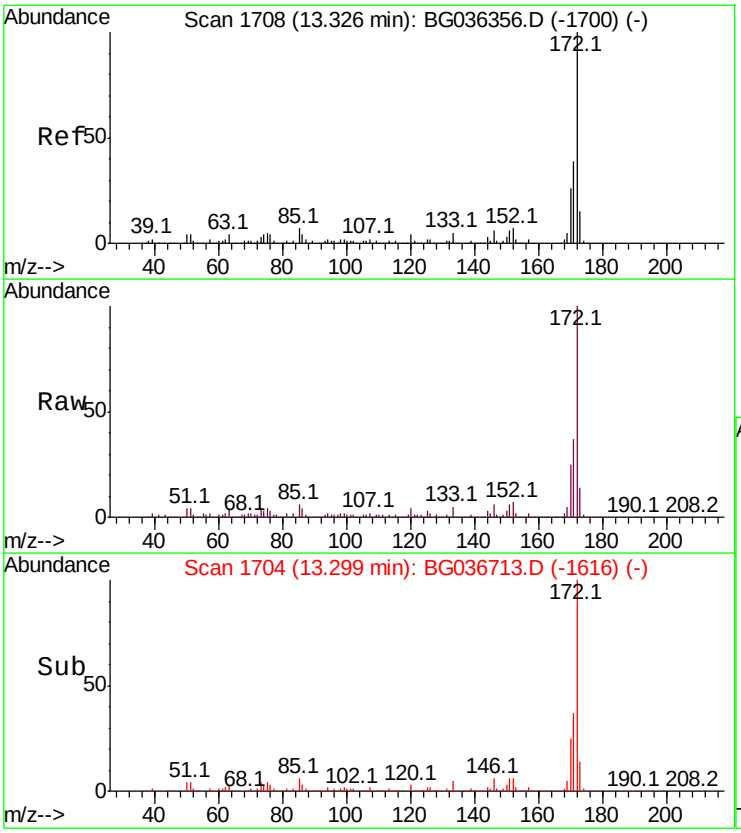
#41
2,4,6-Tribromophenol
Concen: 92.107 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 159389

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.2
141	36.4	30.7	46.1

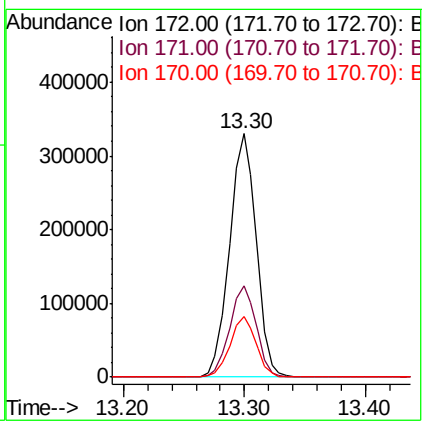


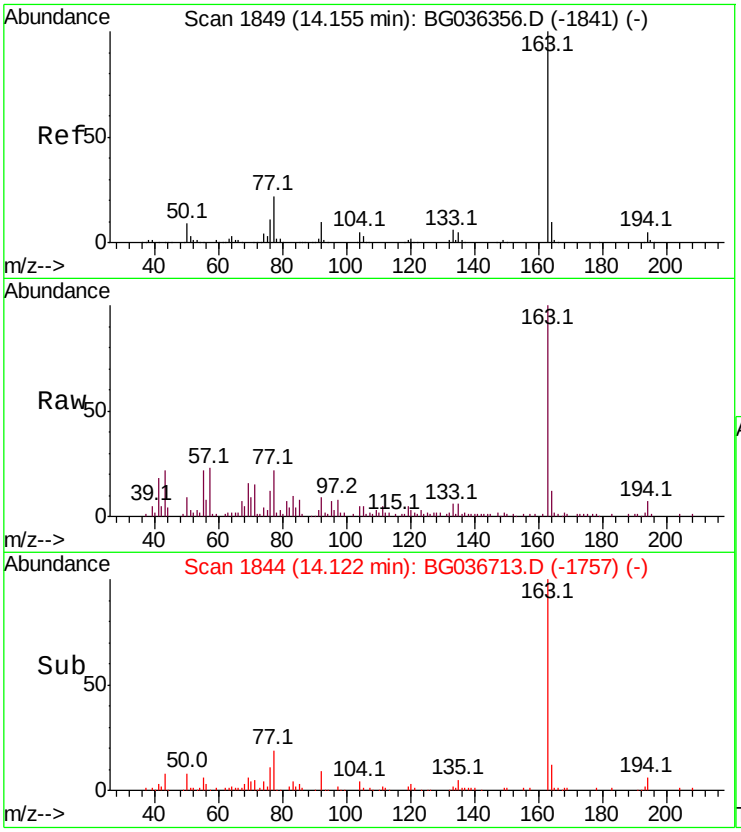


#44
2-Fluorobiphenyl
Concen: 49.923 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:172 Resp: 507078

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	24.9	21.0	31.6



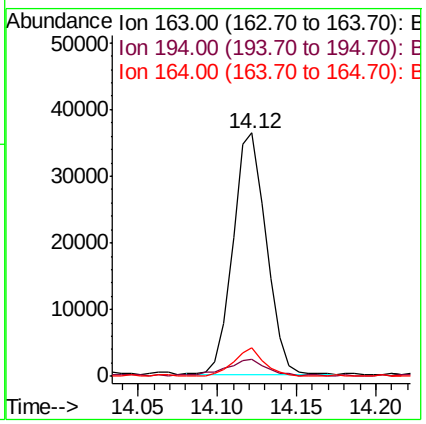


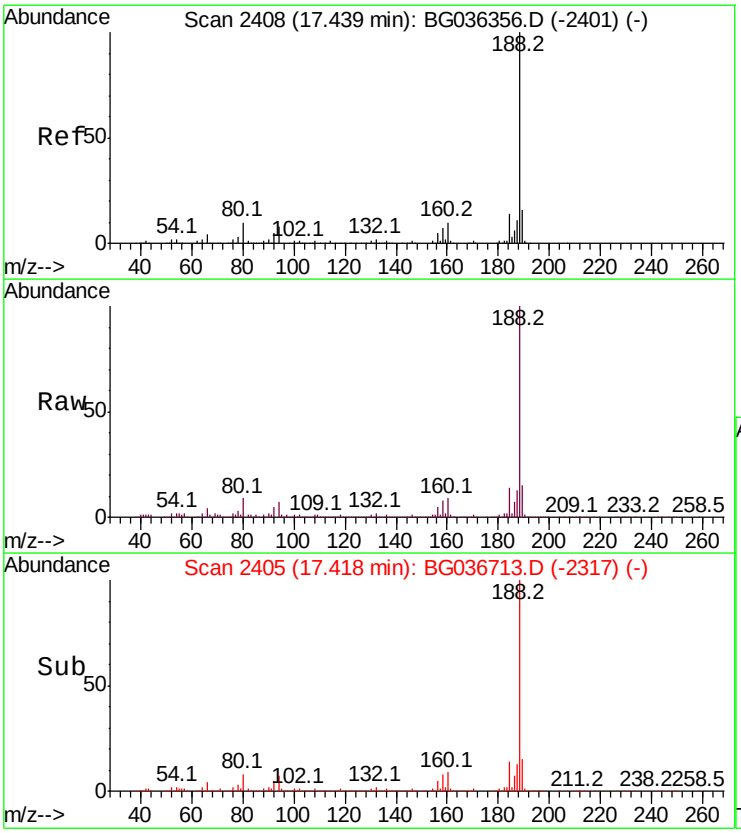
#49
Dimethylphthalate
Concen: 4.440 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 52581

Ion	Ratio	Lower	Upper
163	100		
194	7.0	4.0	6.0#
164	11.5	8.1	12.1

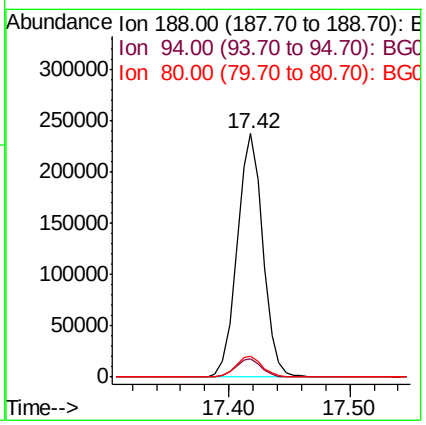


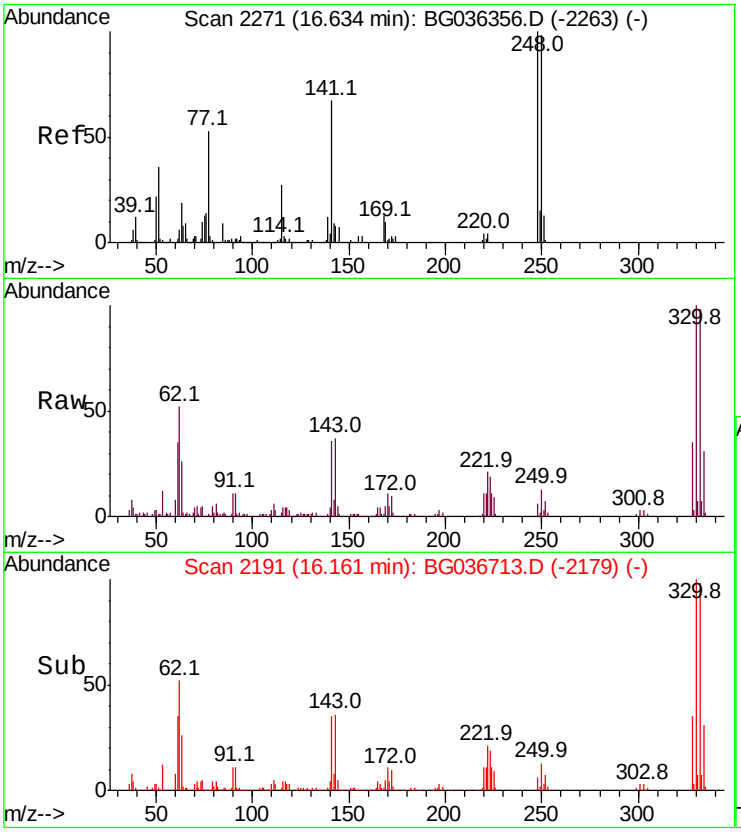


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:188 Resp: 352548

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.5	8.1	12.1



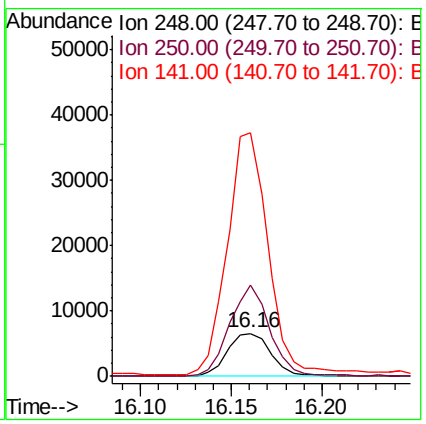


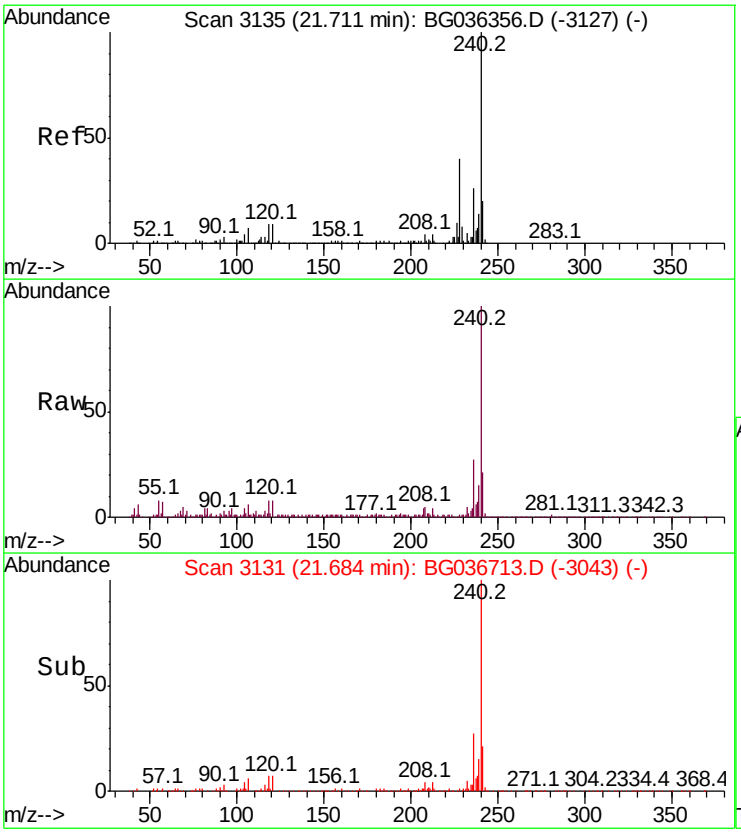
#66
4-Bromophenyl-phenylether
Concen: 2.650 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 10940

Ion	Ratio	Lower	Upper
248	100		
250	212.5	78.1	117.1#
141	568.5	53.7	80.5#

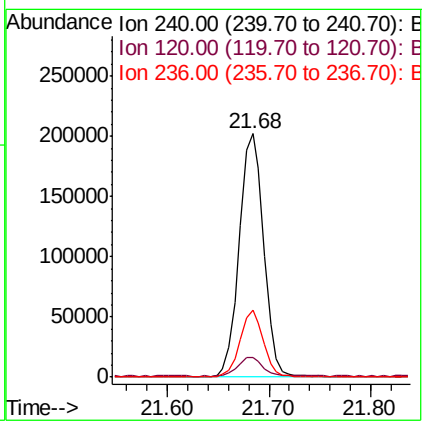


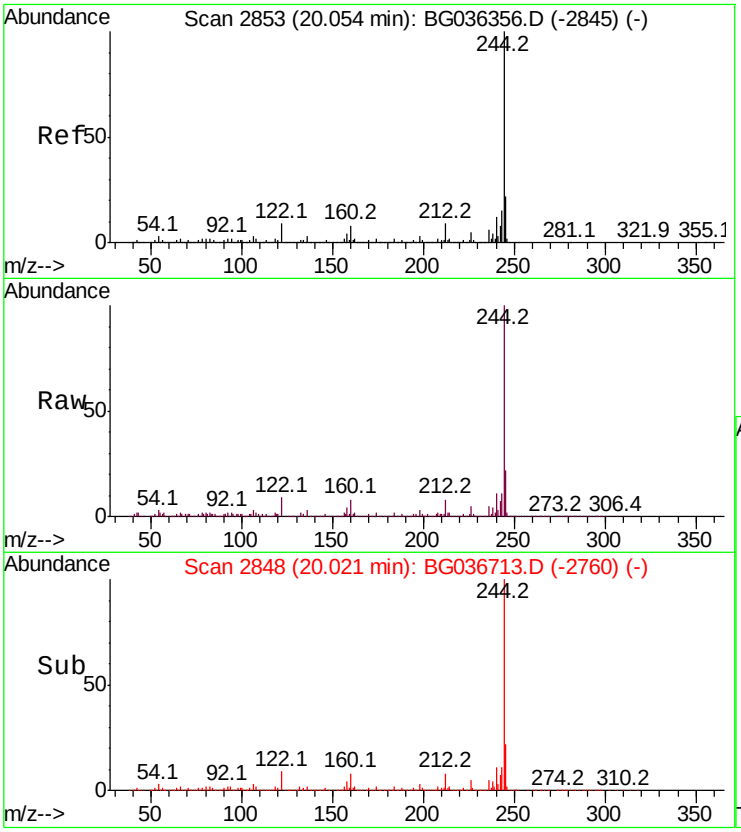


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:240 Resp: 338747

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.9	10.3
236	27.4	21.2	31.8



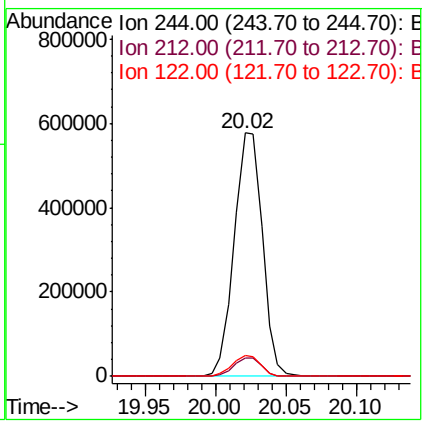


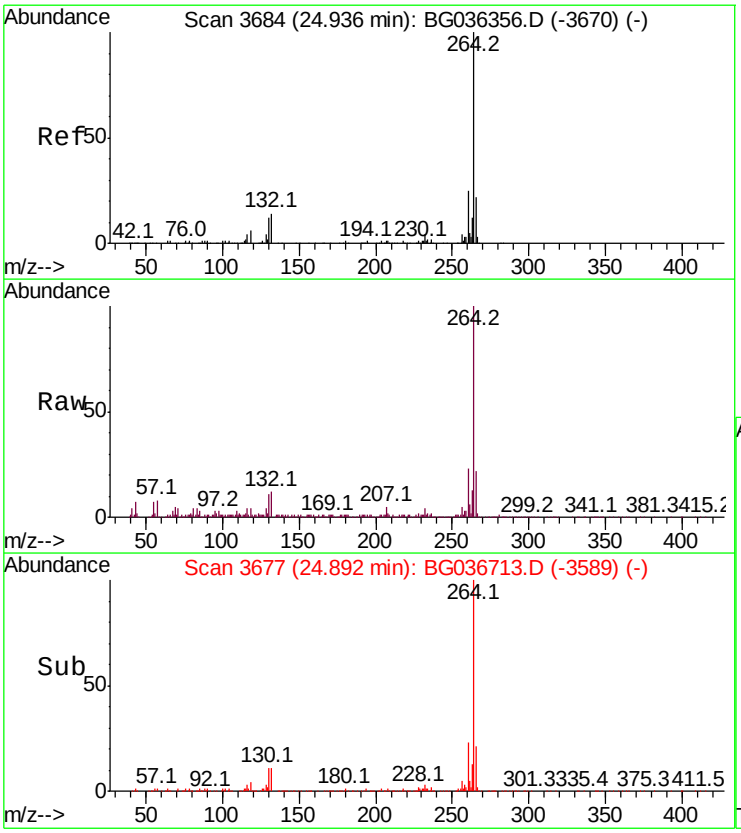
#78
Terphenyl-d14
Concen: 55.634 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 806296

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.0	10.6
122	8.8	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036713.D
Acq: 14 Sep 2018 20:00

Tgt Ion:264 Resp: 347518

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.6	29.4
265	21.5	17.4	26.0