Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121018\
Data File : BG038455.D
Acq On : 11 Dec 2018 1:32
Operator : JU/SJ
Sample : PB115480TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115480TB

Quant Time: Dec 11 03:53:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	737	20.00	ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00	ng	-10.89
39) Acenaphthene-d10	0.00	164	0	0.00	ng	-14.71
64) Phenanthrene-d10	0.00	188	0	0.00	ng	-17.46
76) Chrysene-d12	0.00	240	0	0.00	ng	-21.74
87) Perylene-d12	0.00	264	0	0.00	ng	-25.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	175675	4218.21	ng	0.00
7) Phenol-d6	7.22	99	231108	3839.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	148223	0.00	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	94308	0.00	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	360477	0.00	ng	0.00
79) Terphenyl-d14	20.05	244	678205	0.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.80	88	59	3.091	ng	# 1
4) n-Nitrosodimethylamine	3.85	42	350	13.992	ng	# 1
9) Benzaldehyde	7.22	77	329	8.631	ng	# 4
10) Phenol	7.59	94	342	5.377	ng	# 1
15) Benzyl Alcohol	8.39	79	2495	50.417	ng	# 44
19) n-Nitroso-di-n-propylamine	9.25	70	19184	458.065	ng	# 78

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

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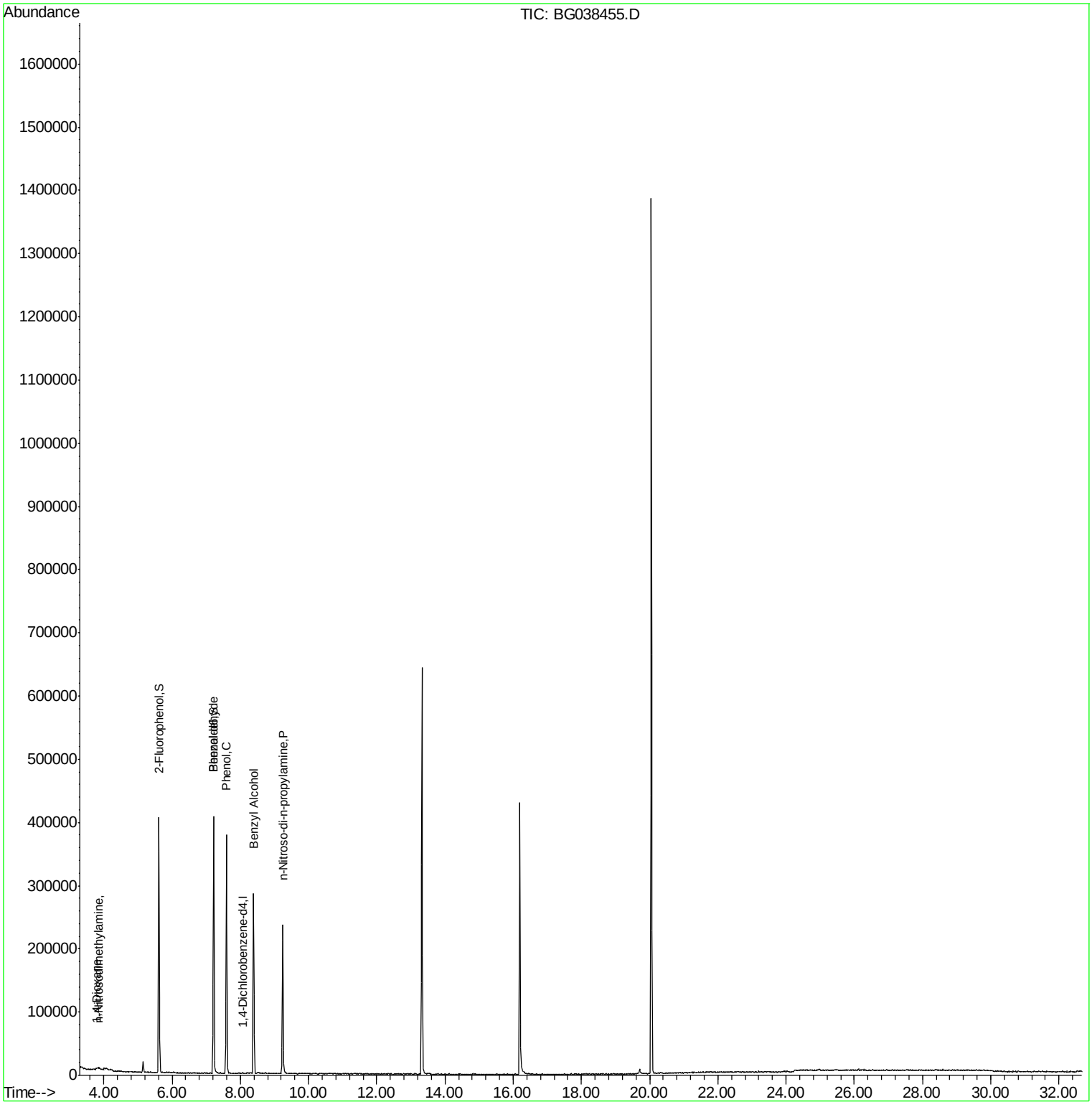
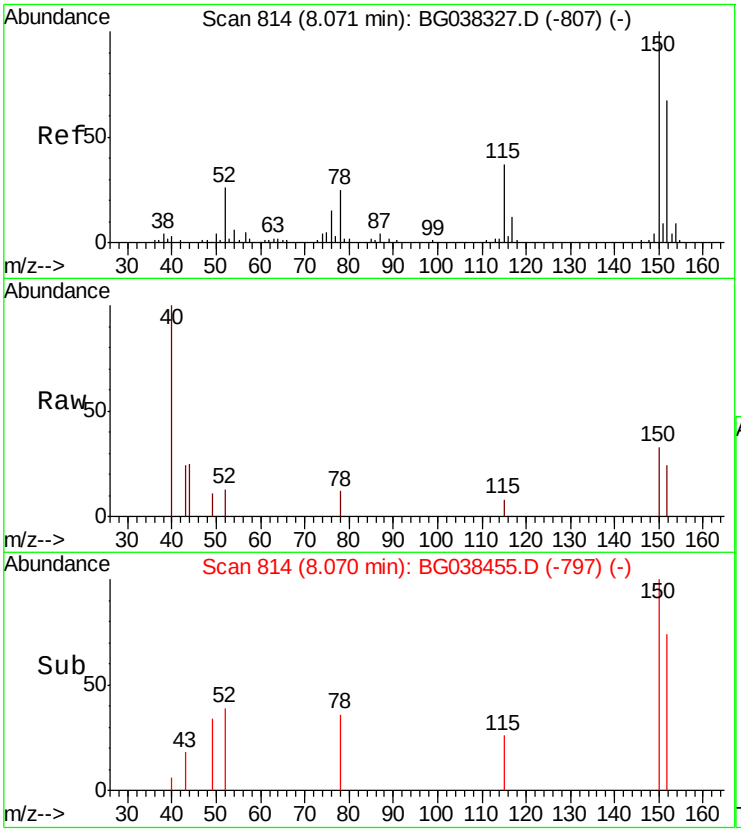


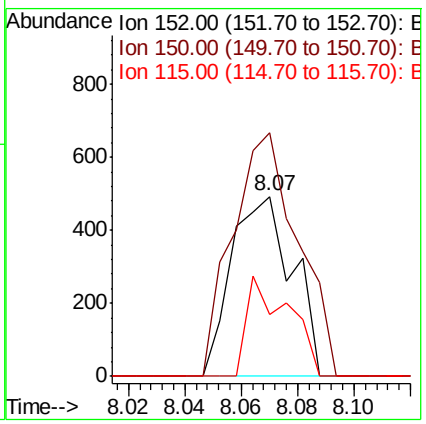


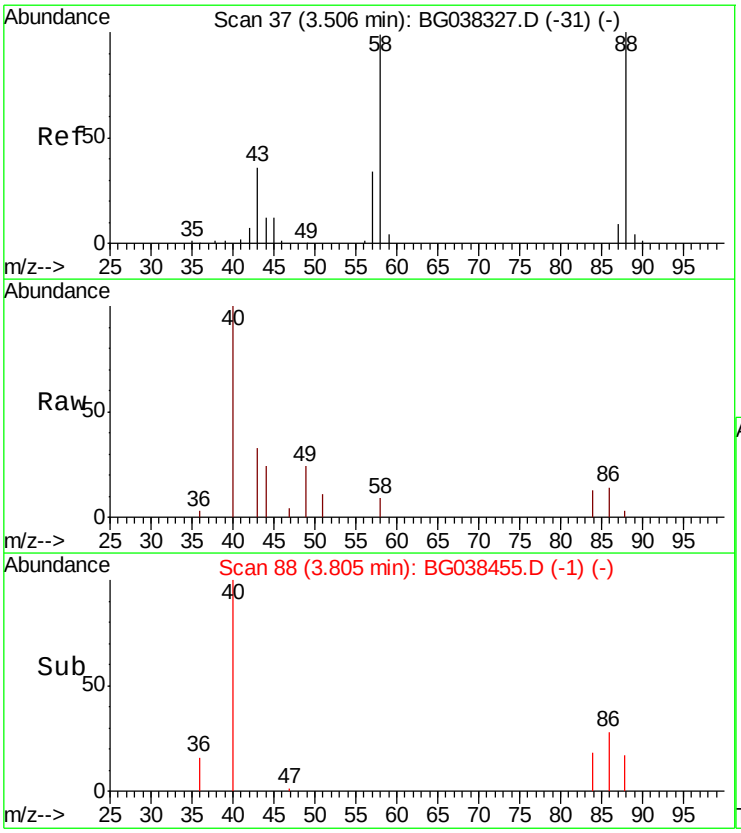
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion:152 Resp: 737

Ion	Ratio	Lower	Upper
152	100		
150	135.3	126.0	189.0
115	34.7	45.5	68.3#

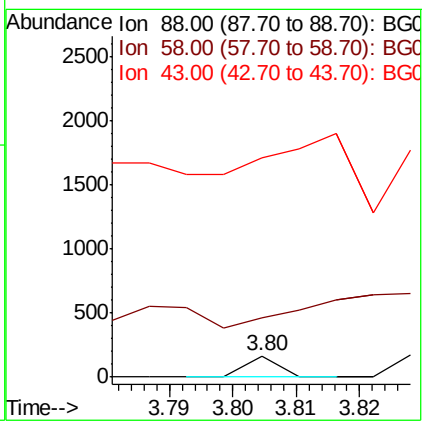


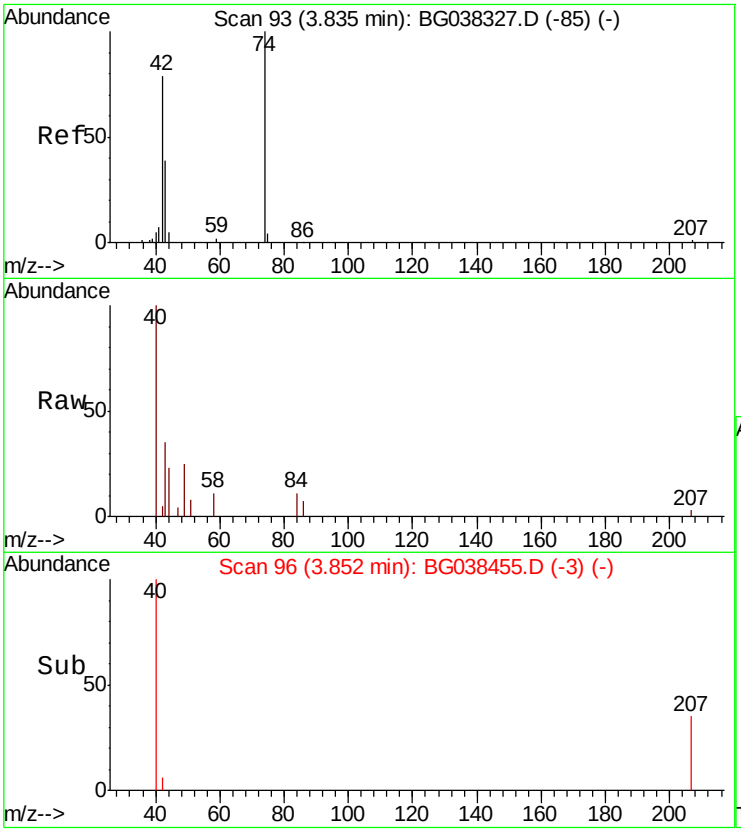


#2
1,4-Dioxane
Concen: 3.091 ng
RT: 3.80 min Scan# 88
Delta R.T. 0.30 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 88 Resp: 59

Ion	Ratio	Lower	Upper
88	100		
58	0.0	74.4	111.6#
43	925.4	25.8	38.8#



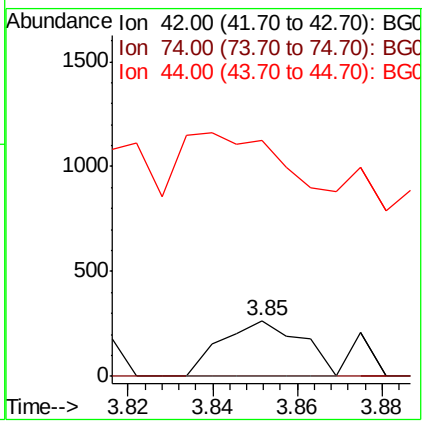


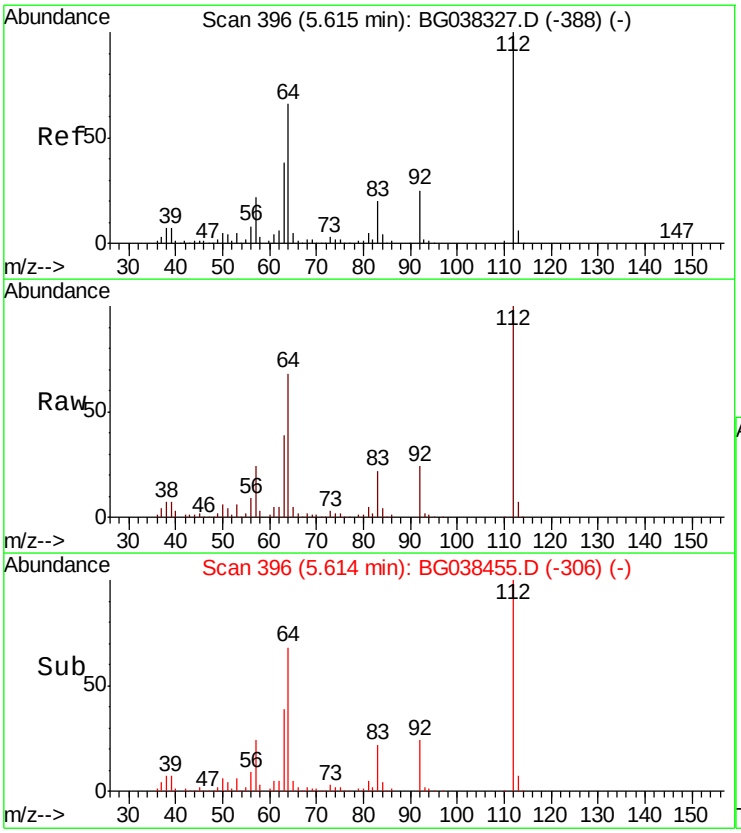
#4
n-Nitrosodimethylamine
Concen: 13.992 ng
RT: 3.85 min Scan# 96
Delta R.T. 0.02 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion: 42 Resp: 350

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.0	153.0#
44	420.2	9.6	14.4#

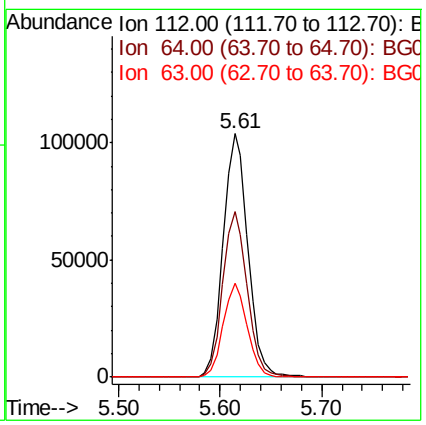


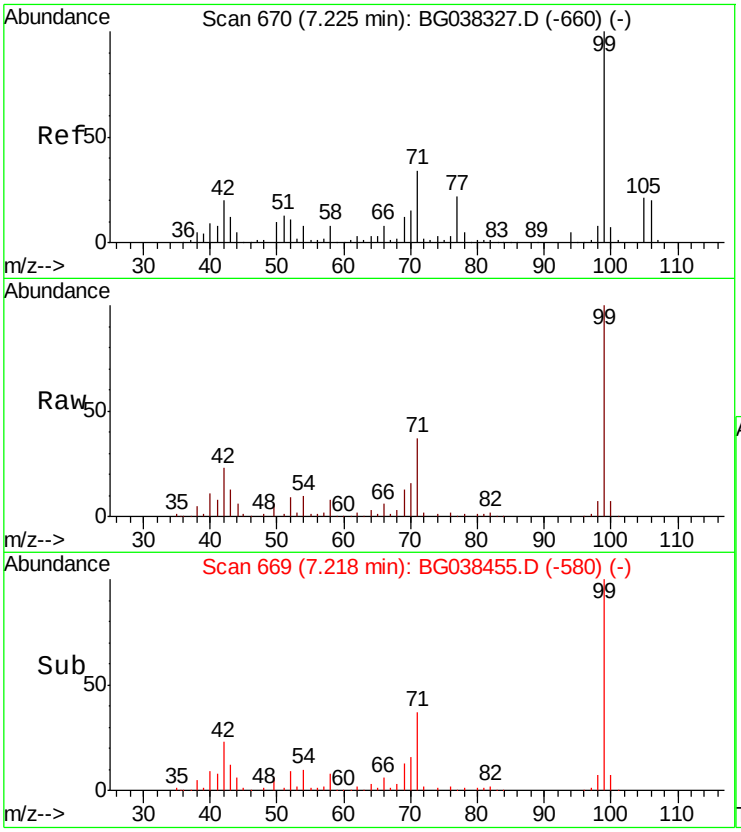


#5
2-Fluorophenol
Concen: 4218.210 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.00 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion:112 Resp: 175675

Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.1	79.7
63	38.5	27.3	40.9



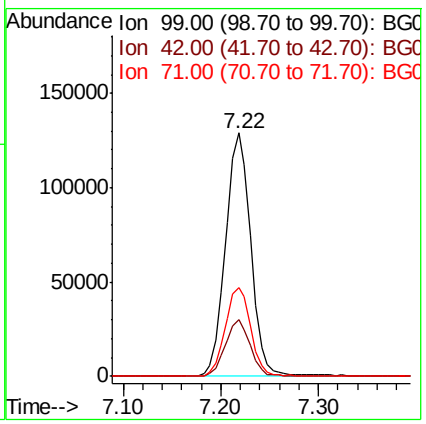


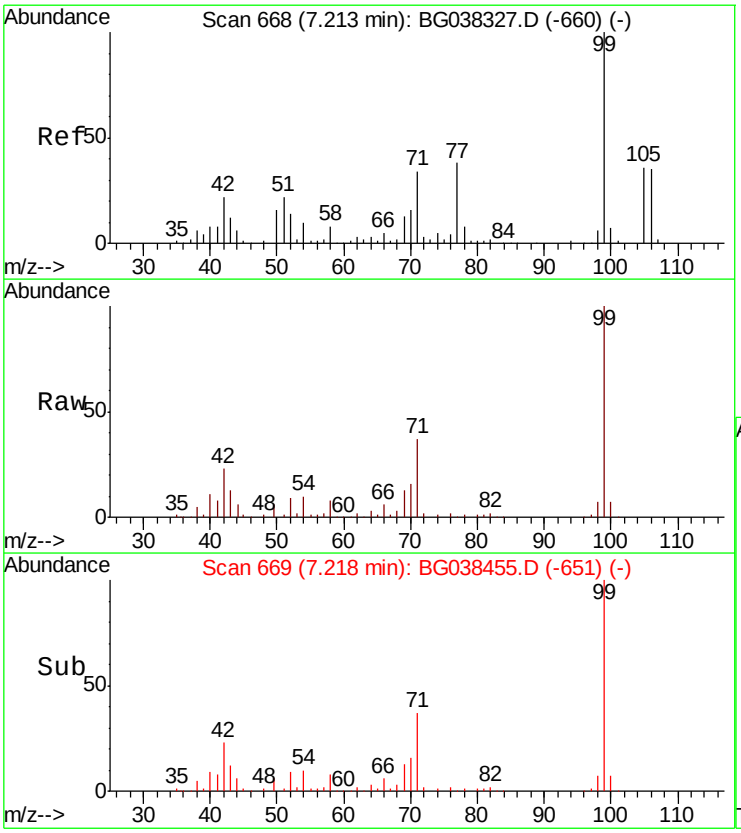
#7
Phenol-d6
Concen: 3839.411 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion: 99 Resp: 231108

Ion	Ratio	Lower	Upper
99	100		
42	23.3	15.0	22.4#
71	36.6	25.5	38.3

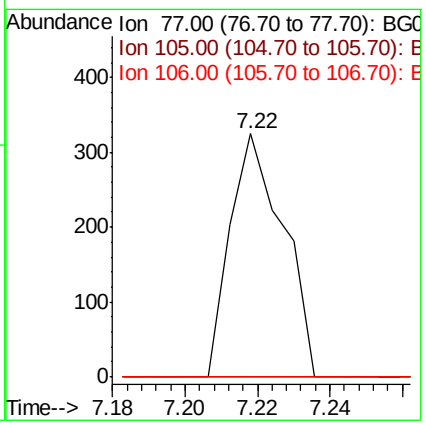


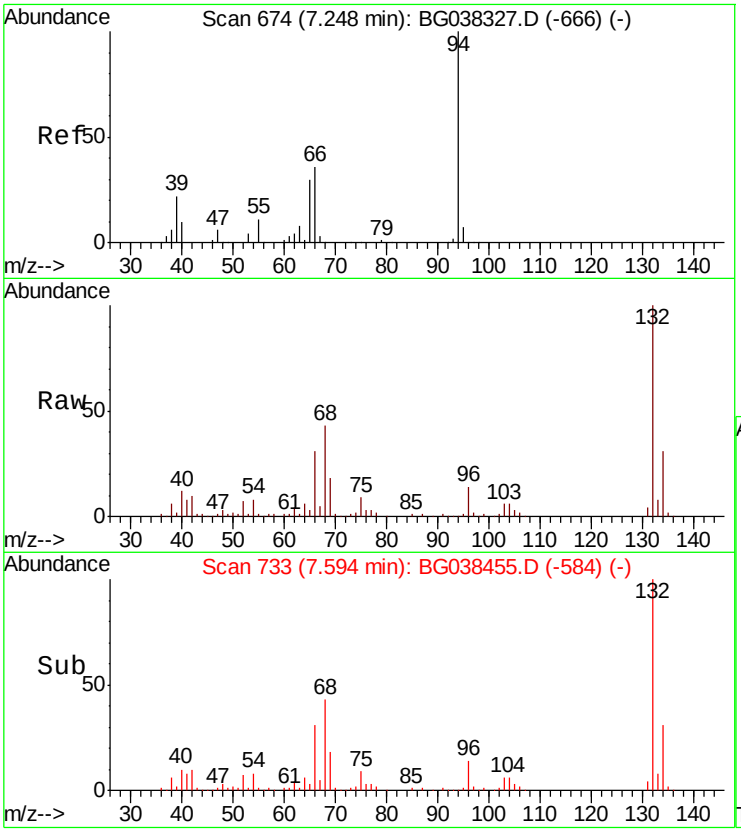


#9
Benzaldehyde
Concen: 8.631 ng
RT: 7.22 min Scan# 669
Delta R.T. 0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 77 Resp: 329

Ion	Ratio	Lower	Upper
77	100		
105	0.0	72.6	112.6#
106	0.0	71.3	111.3#



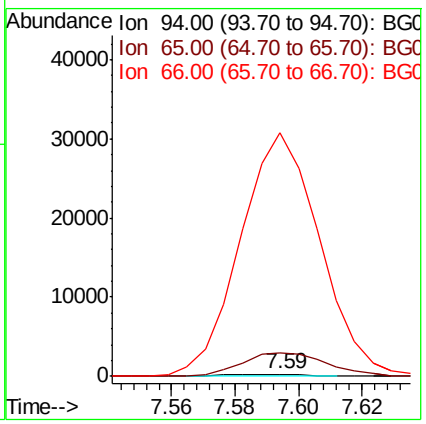


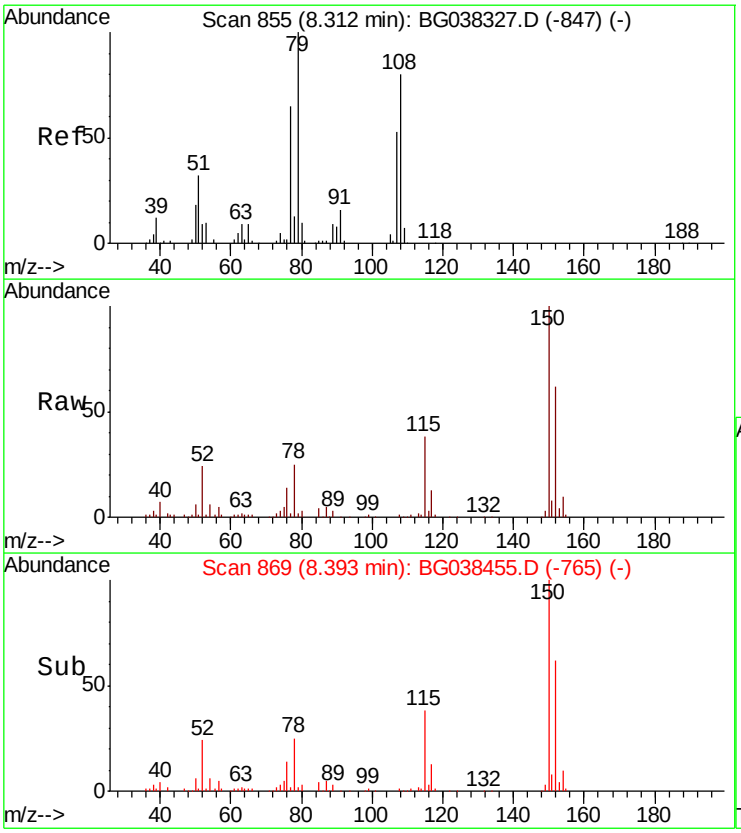
#10
Phenol
Concen: 5.377 ng
RT: 7.59 min Scan# 733
Delta R.T. 0.35 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion: 94 Resp: 342

Ion	Ratio	Lower	Upper
94	100		
65	1086.8	9.7	49.7#
66	11308.8	15.9	55.9#

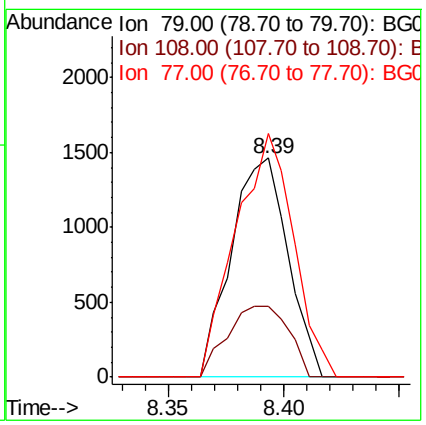


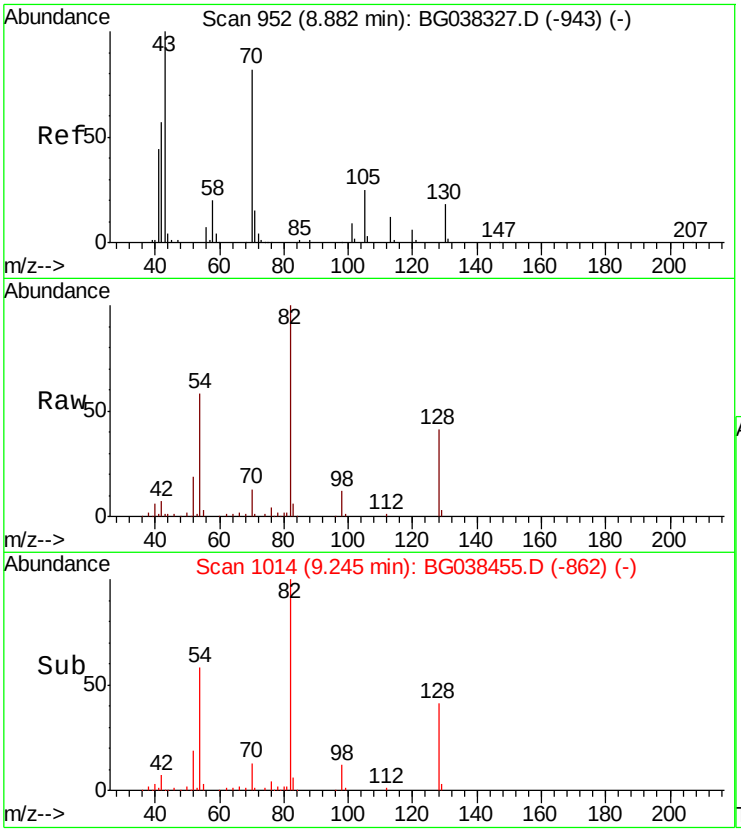


#15
Benzyl Alcohol
Concen: 50.417 ng
RT: 8.39 min Scan# 869
Delta R.T. 0.08 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 79 Resp: 2495

Ion	Ratio	Lower	Upper
79	100		
108	32.2	65.8	98.8#
77	111.2	52.9	79.3#



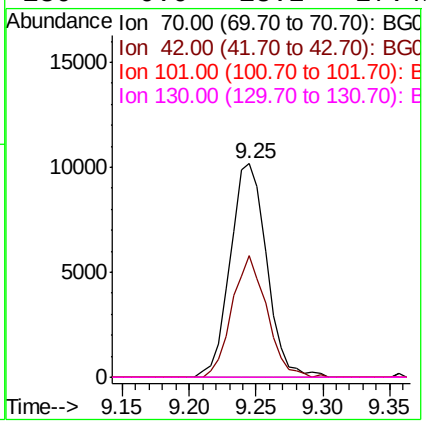


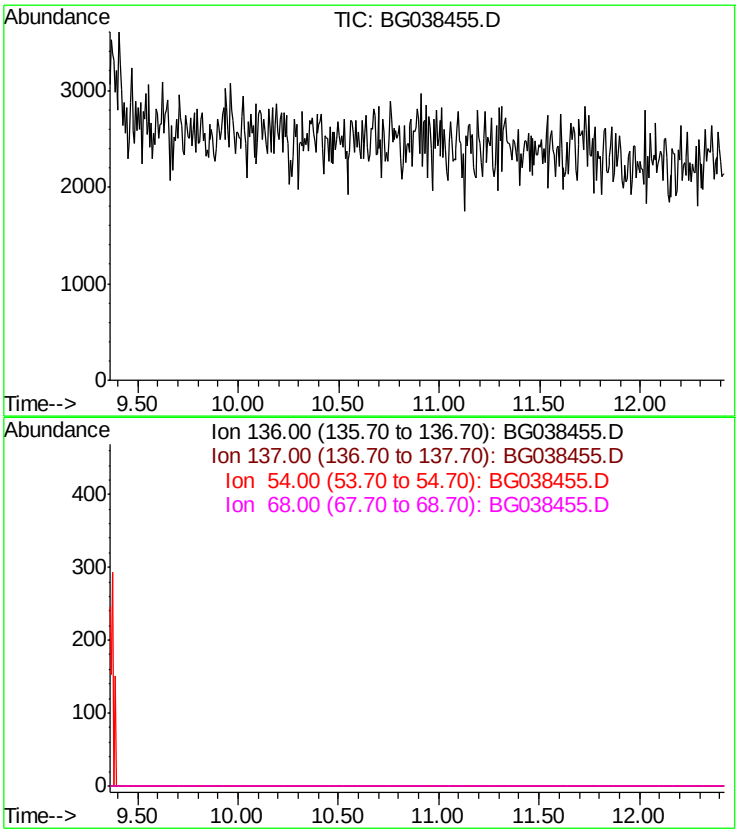
#19
n-Nitroso-di-n-propylamine
Concen: 458.065 ng
RT: 9.25 min Scan# 1014
Delta R.T. 0.36 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion: 70 Resp: 19184

Ion	Ratio	Lower	Upper
70	100		
42	57.1	53.9	80.9
101	0.0	8.2	12.2#
130	0.0	18.2	27.4#



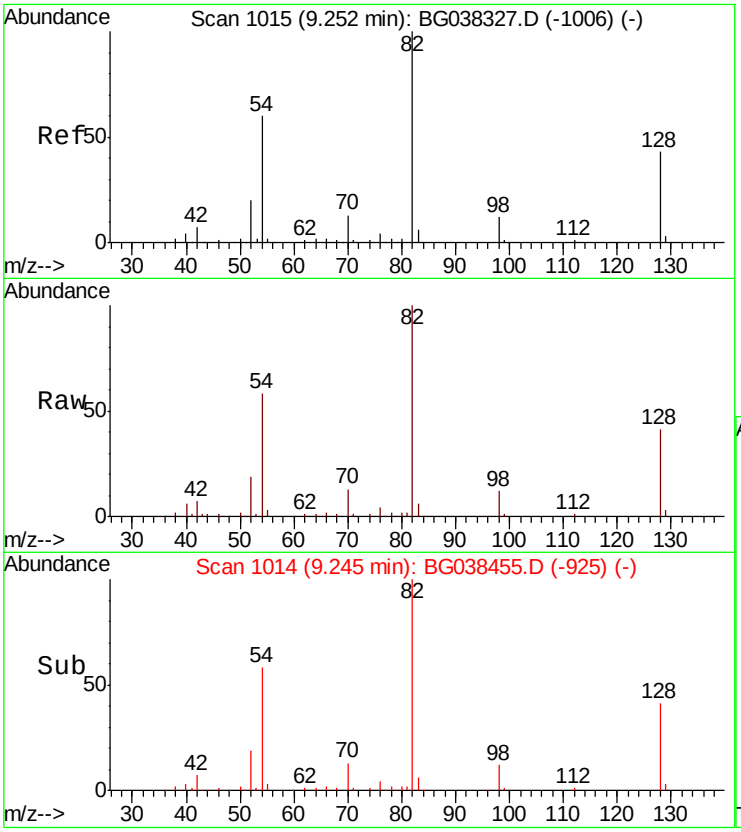


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.89 min

Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	12.0
54	9.9
68	6.0

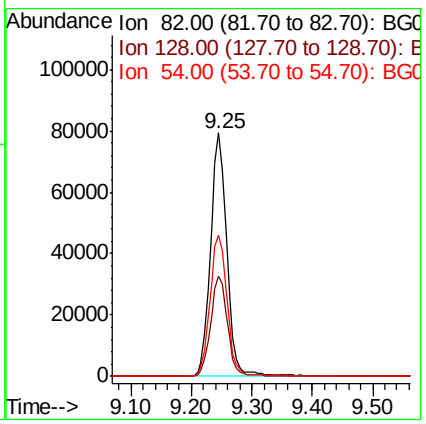


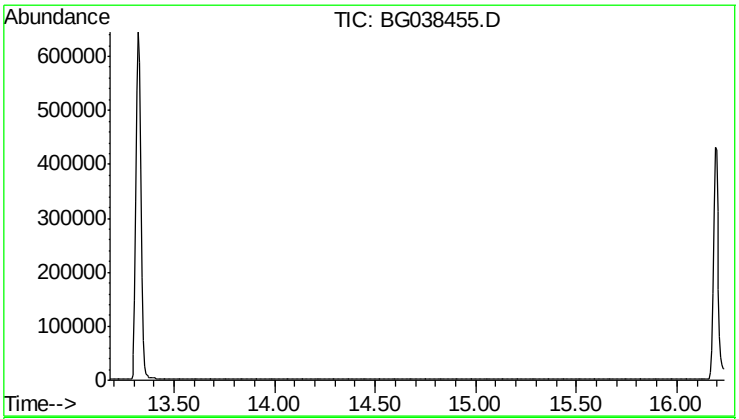
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion: 82 Resp: 148223

Ion	Ratio	Lower	Upper
82	100		
128	41.0	34.6	51.8
54	58.1	45.3	67.9



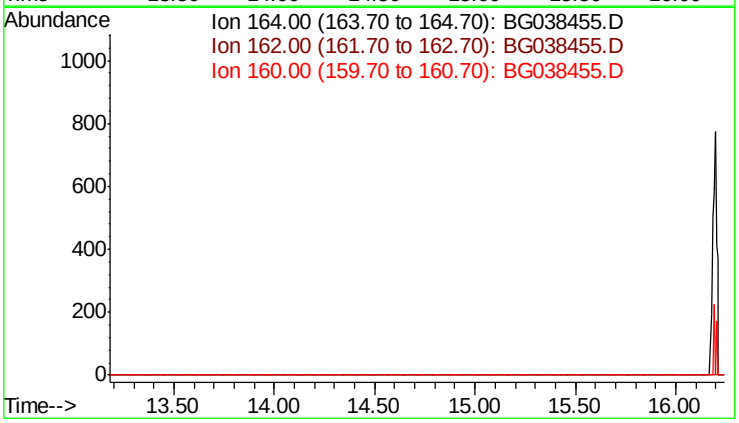


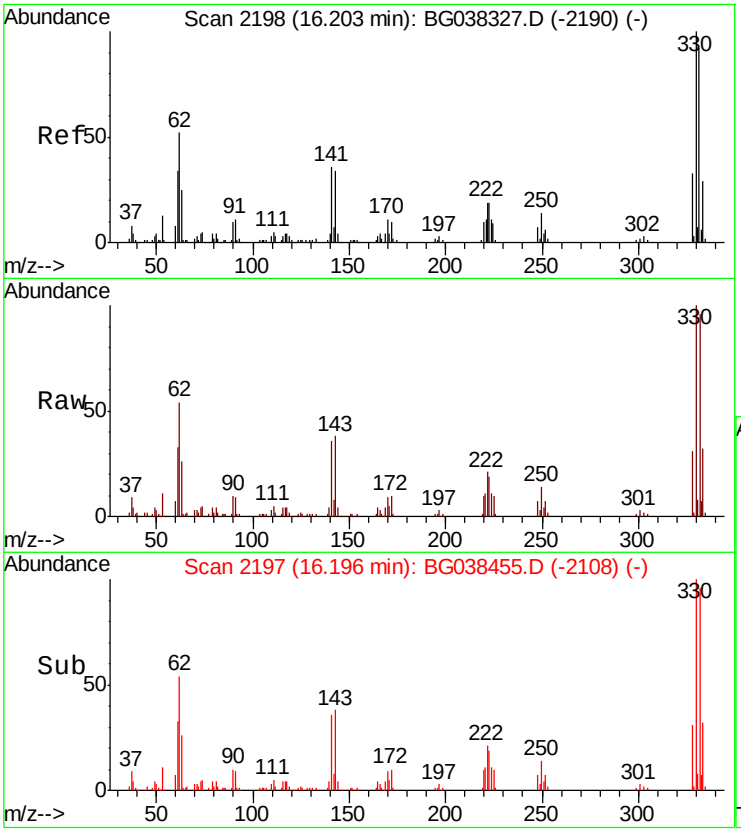
#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.71 min

Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	101.6
160	45.4



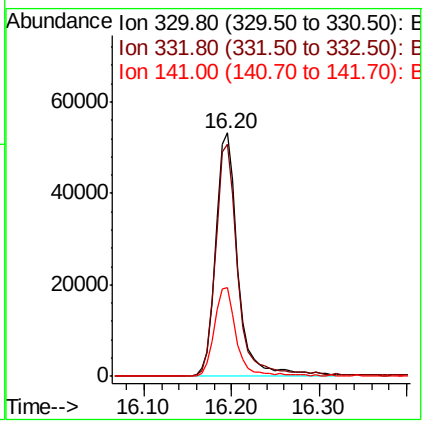


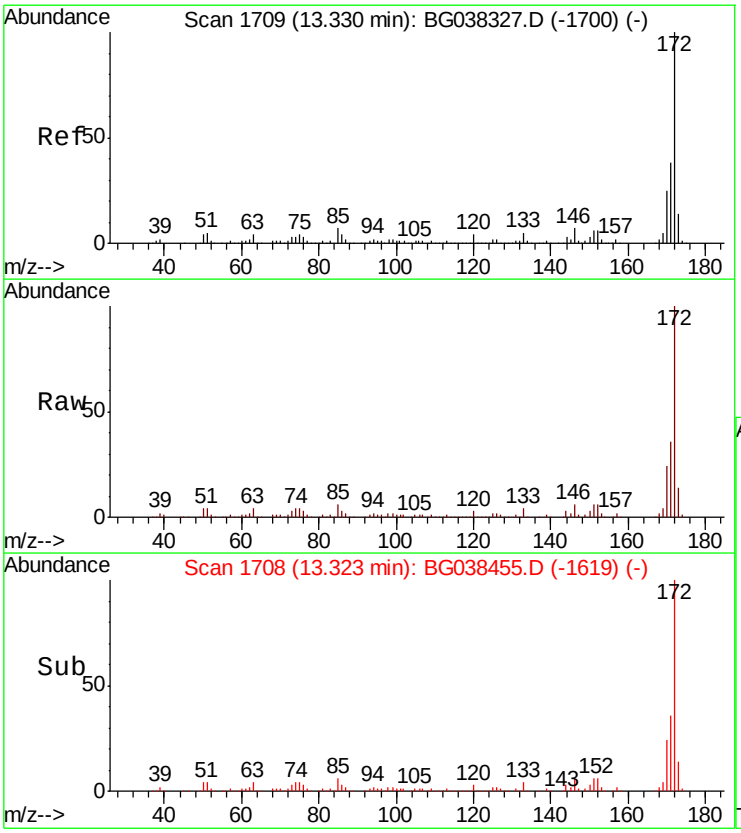
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion:330 Resp: 94308

Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.4	117.6
141	35.7	32.2	48.2

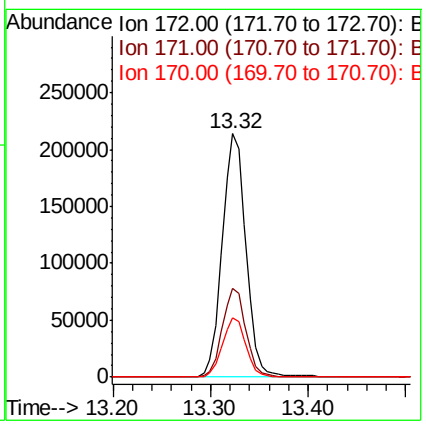


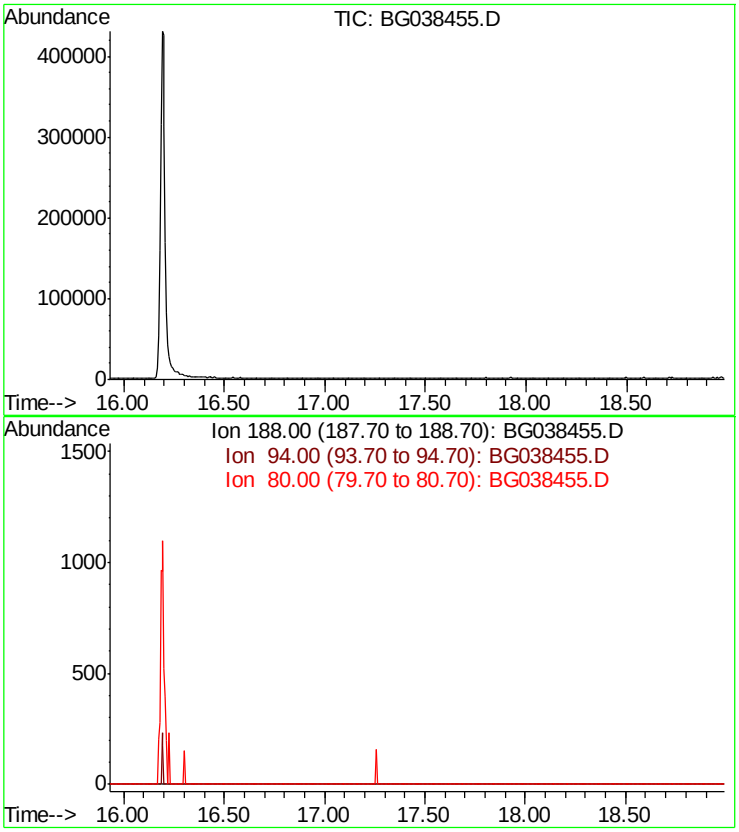


#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion:172 Resp: 360477

Ion	Ratio	Lower	Upper
172	100		
171	36.4	31.0	46.4
170	24.3	20.2	30.2





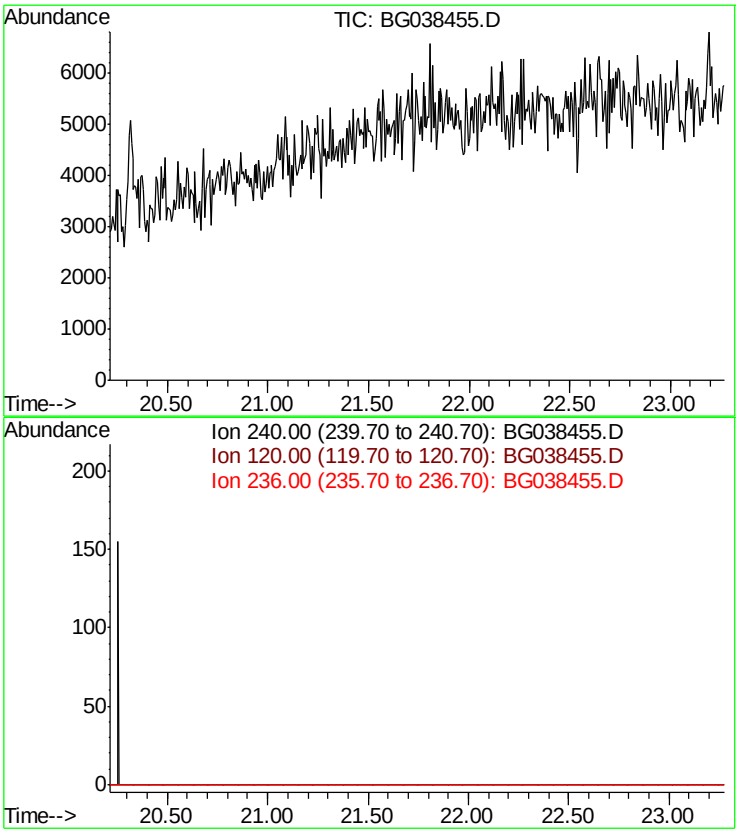
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.46 min

Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	9.0
80	9.6

Instrument :
BNA_G
ClientSampleId :
PB115480TB

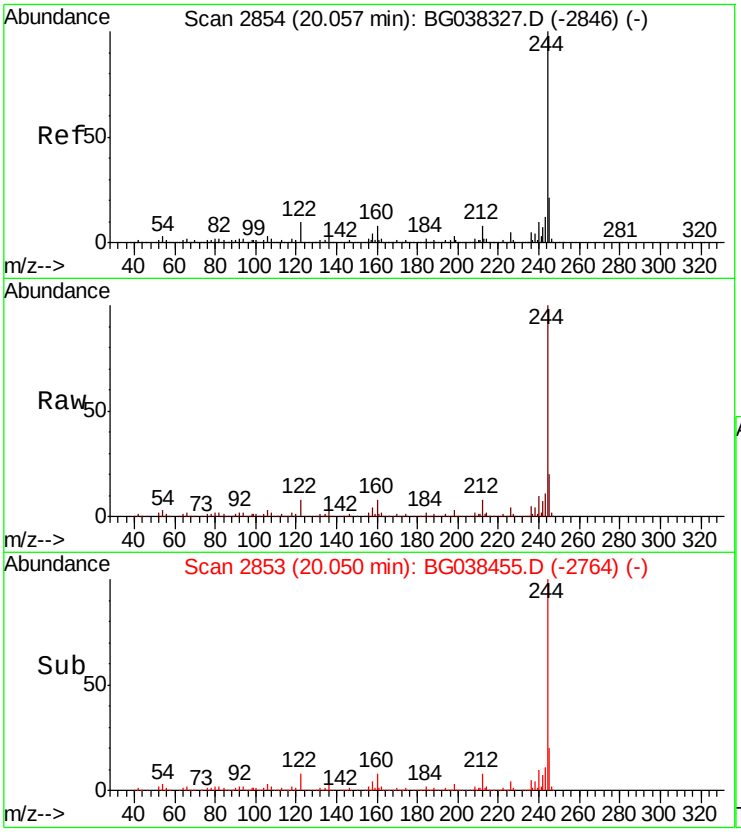


#76
Chrysene-d12
Concen: 0.000 ng
Expected RT: 21.74 min

Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	10.1
236	26.7

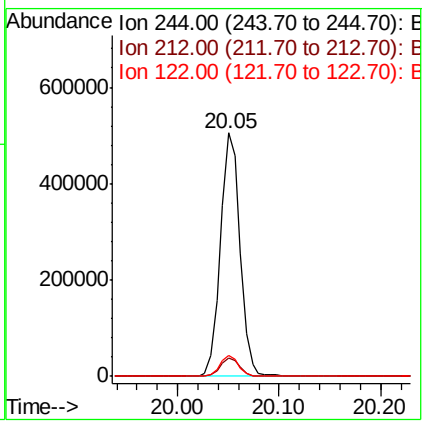


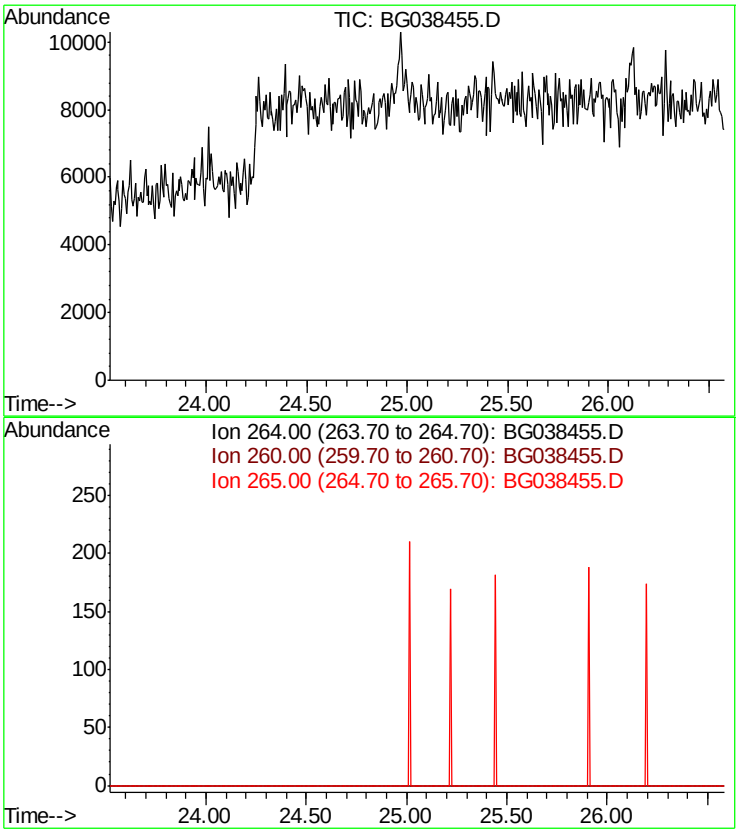
#79
Terphenyl-d14
Concen: 0.000 ng
RT: 20.05 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Instrument :
BNA_G
ClientSampleId :
PB115480TB

Tgt Ion:244 Resp: 678205

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	8.4	9.0	13.4#





#87
Perylene-d12
Concen: 0.000 ng
Expected RT: 25.05 min

Lab File: BG038455.D
Acq: 11 Dec 2018 1:32

Tgt Ion: 264

Sig	Exp Ratio
264	100
260	22.8
265	22.4