Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
Data File : BG031879.D
Acq On : 2 Jan 2018 19:55
Operator : SJ/JU
Sample : I6686-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 03 00:09:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	41550	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	173681	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	121282	20.00	ng		-0.01
63) Phenanthrene-d10	18.15	188	357288	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	426380	20.00	ng		-0.02
86) Perylene-d12	26.22	264	434571	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	231560	101.51	ng		0.00
7) Phenol-d6	7.89	99	256585	86.63	ng		0.00
23) Nitrobenzene-d5	9.98	82	177037	76.97	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	242403	130.99	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	656208	67.91	ng		0.00
78) Terphenyl-d14	20.68	244	1452995	77.86	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.98	70	22806	11.275	ng	#	73
31) Naphthalene	11.72	128	147250	16.799	ng		96
32) Benzoic acid	10.79	122	60	6.724	ng	#	1
33) 4-Chloroaniline	11.72	127	19926	5.106	ng	#	40
50) 2,6-Dinitrotoluene	15.42	165	15809	8.043	ng	#	18
56) 2,4-Dinitrotoluene	15.42	165	15809	6.255	ng	#	16
64) 4,6-Dinitro-2-methylphenol	16.88	198	546	8.566	ng	#	64
66) 4-Bromophenyl-phenylether	16.89	248	18747	3.629	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010218\
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Acq On : 2 Jan 2018 19:55
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Misc :
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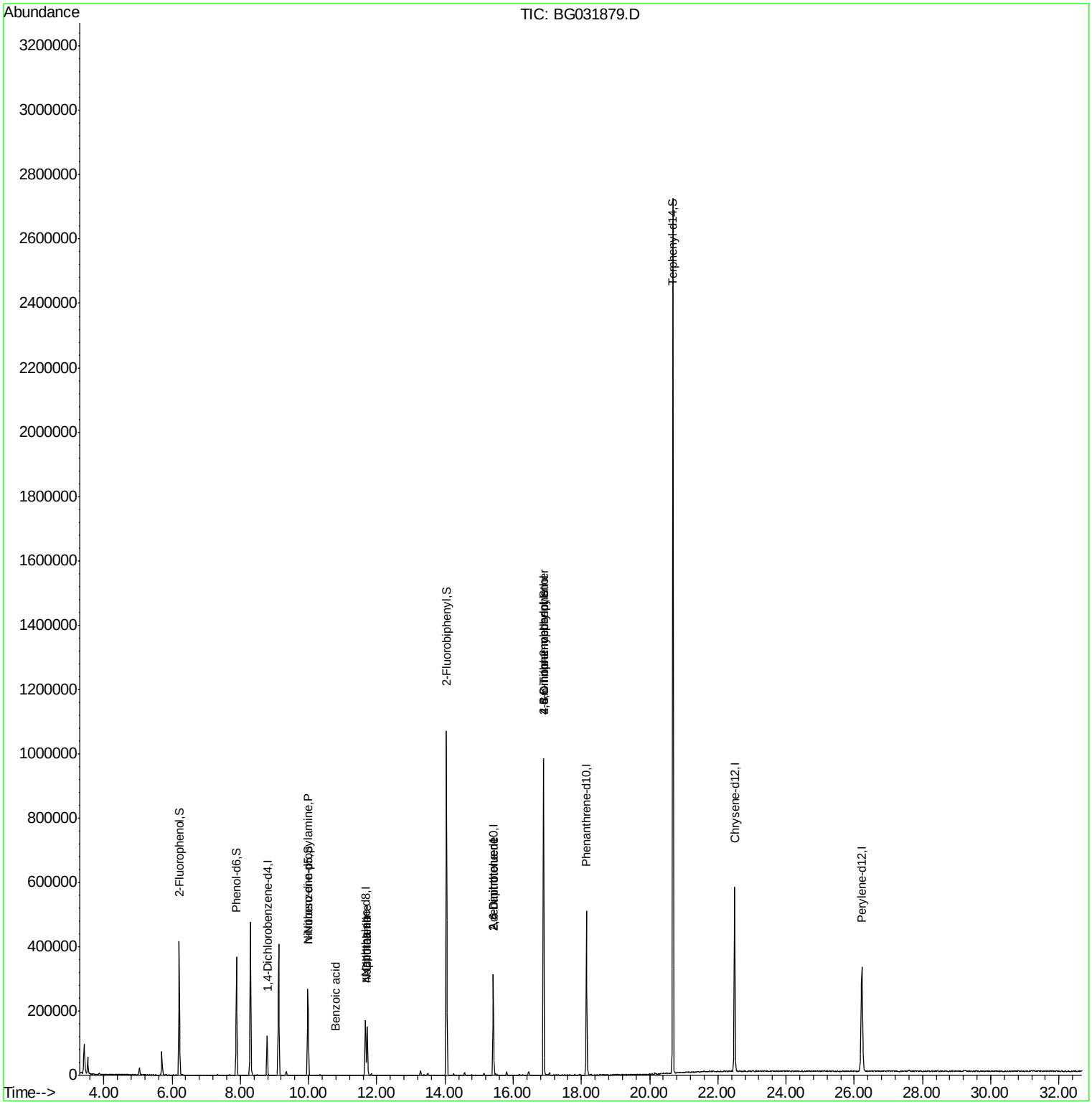
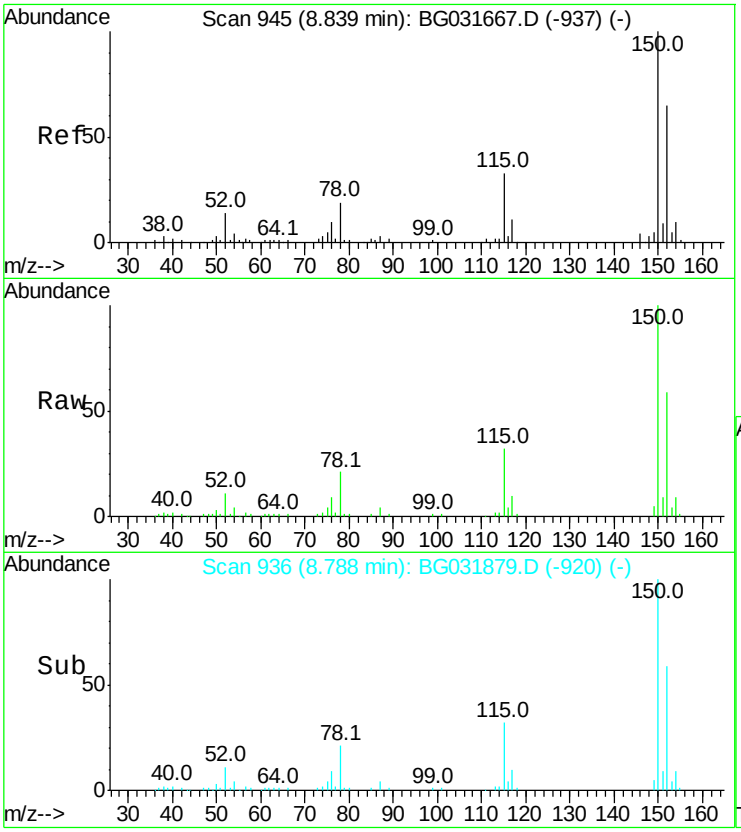


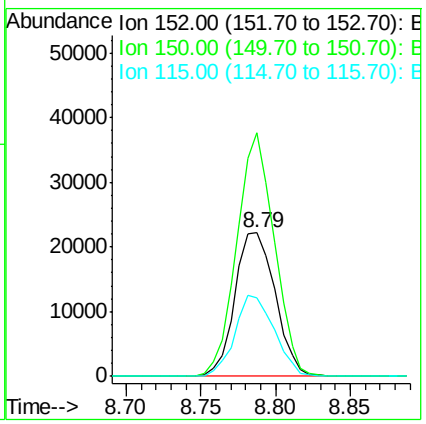


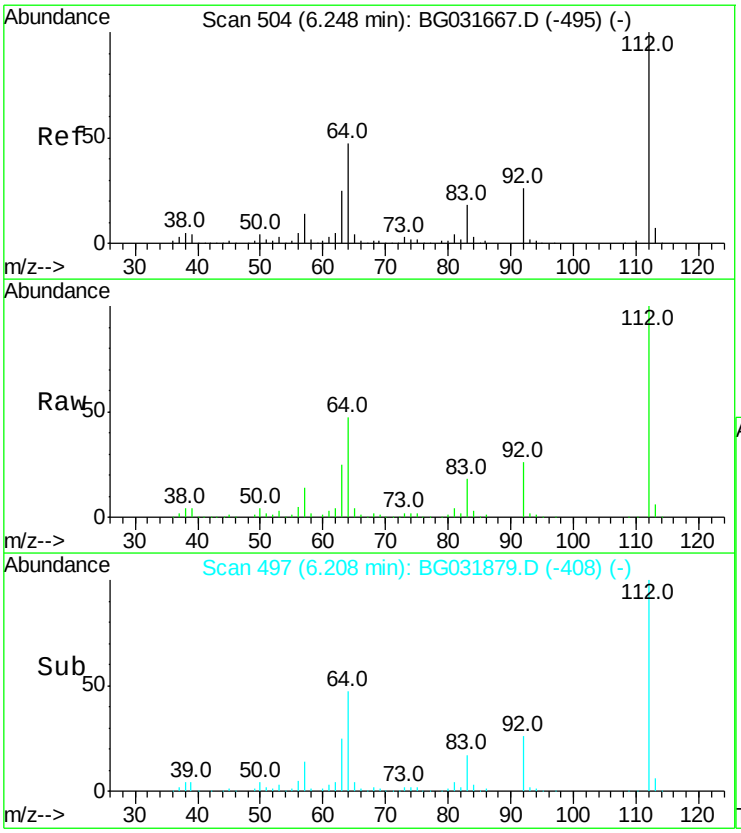
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 41550

Ion	Ratio	Lower	Upper
152	100		
150	170.0	126.6	189.8
115	54.7	53.0	79.4

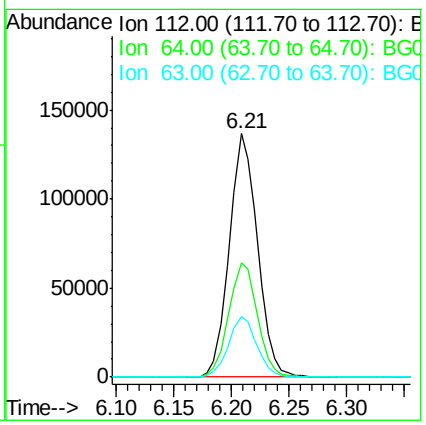


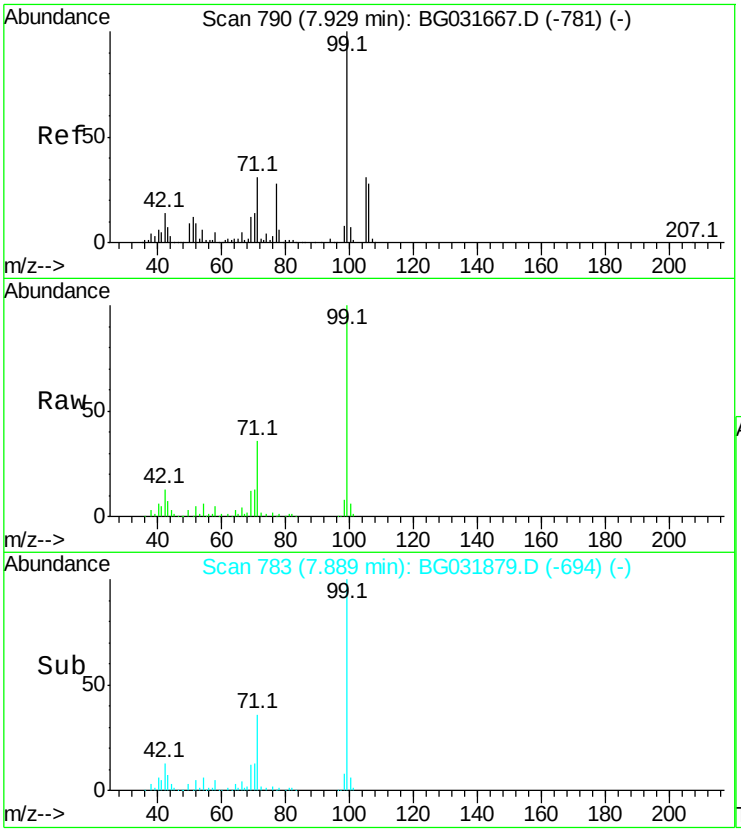


#5
2-Fluorophenol
Concen: 101.507 ng
RT: 6.21 min Scan# 497
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:112 Resp: 231560

Ion	Ratio	Lower	Upper
112	100		
64	46.8	56.3	84.5#
63	25.0	30.1	45.1#



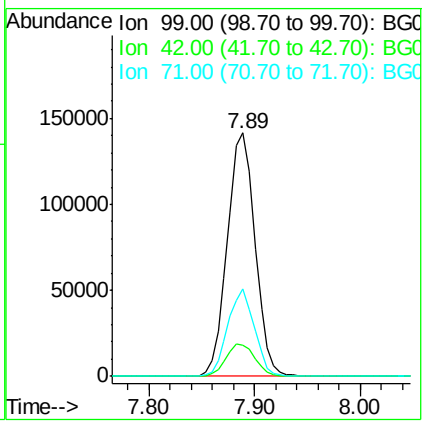


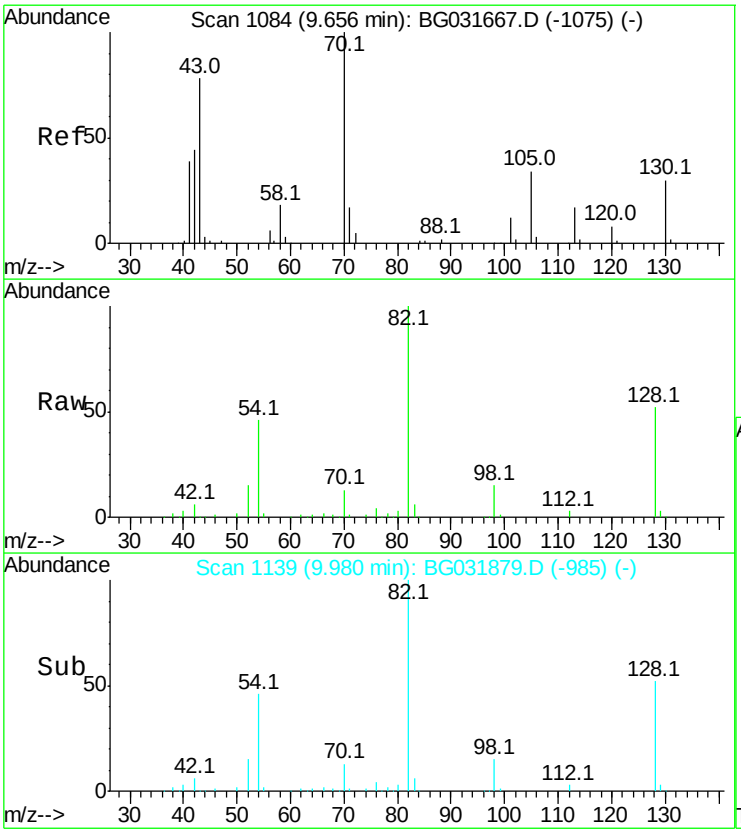
#7
Phenol-d6
Concen: 86.632 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 256585

Ion	Ratio	Lower	Upper
99	100		
42	12.7	14.1	21.1#
71	36.1	26.1	39.1

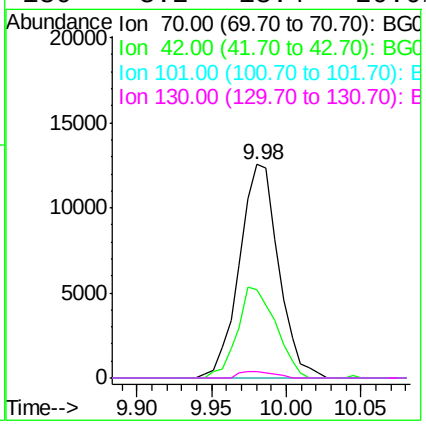


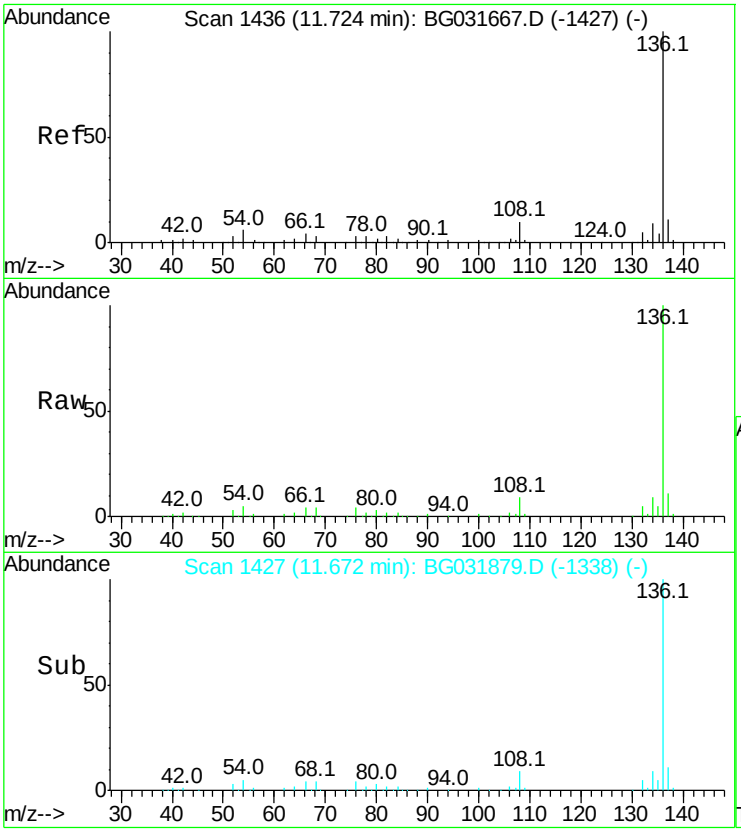


#19
n-Nitroso-di-n-propylamine
Concen: 11.275 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.38 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion: 70 Resp: 22806

Ion	Ratio	Lower	Upper
70	100		
42	41.4	49.1	73.7#
101	0.0	8.5	12.7#
130	3.2	13.4	20.0#



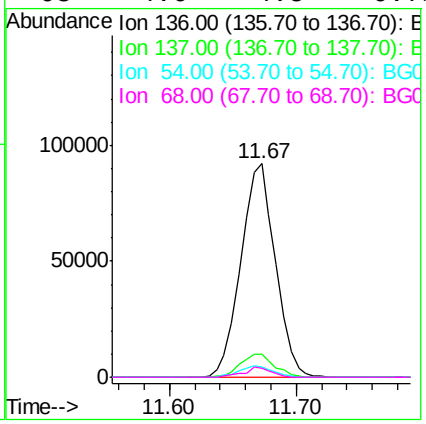


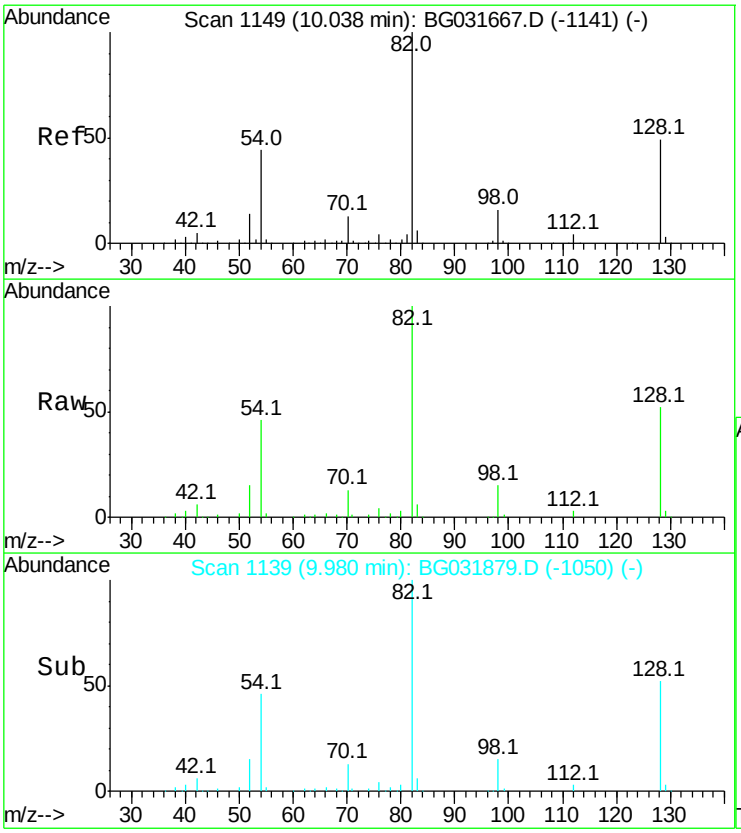
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 173681

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.0	10.3	15.5#
68	4.0	4.5	6.7#

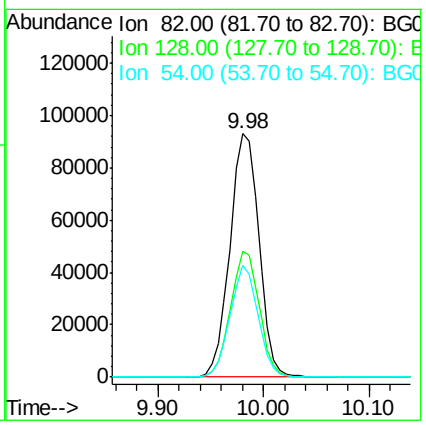


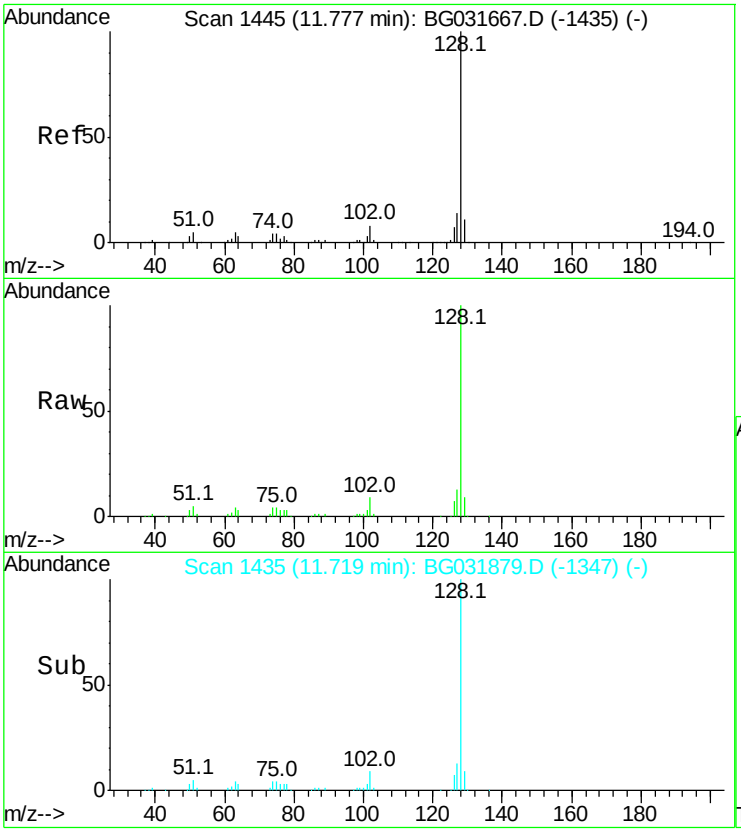


#23
Nitrobenzene-d5
Concen: 76.971 ng
RT: 9.98 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion: 82 Resp: 177037

Ion	Ratio	Lower	Upper
82	100		
128	51.6	29.7	44.5#
54	46.1	43.1	64.7



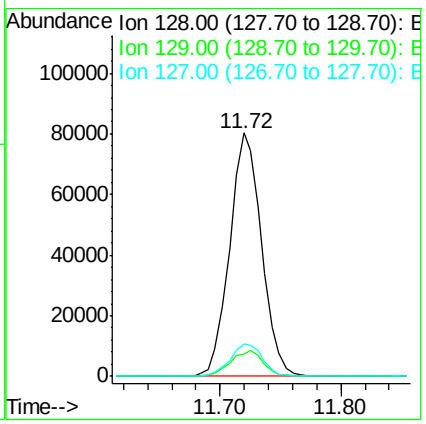


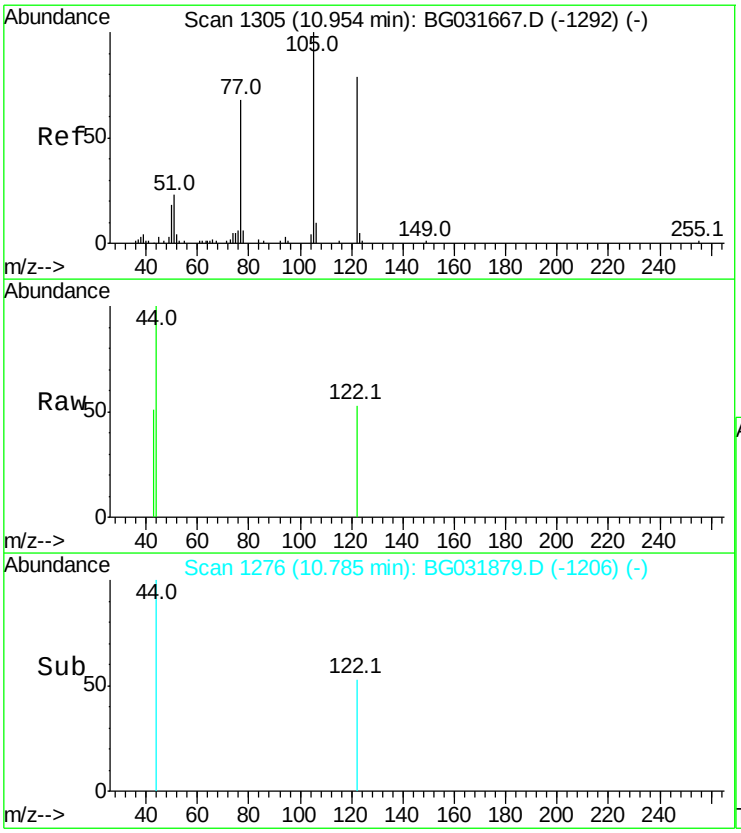
#31
Naphthalene
Concen: 16.799 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 147250

Ion	Ratio	Lower	Upper
128	100		
129	9.1	8.6	12.8
127	13.1	11.6	17.4

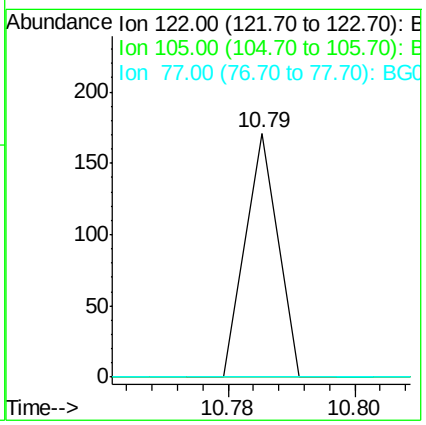


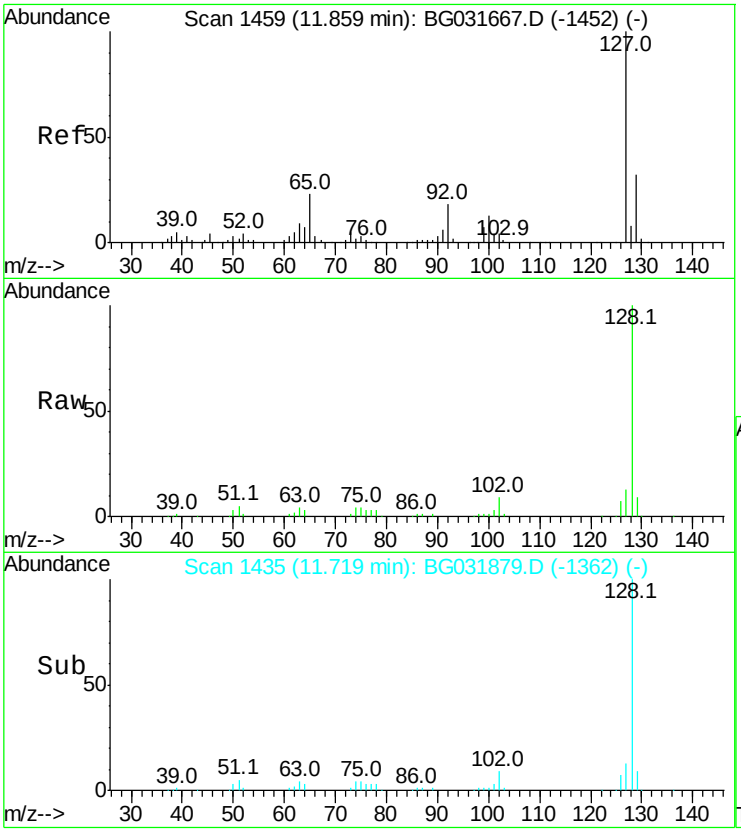


#32
Benzoic acid
Concen: 6.724 ng
RT: 10.79 min Scan# 1276
Delta R.T. -0.12 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:122 Resp: 60

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



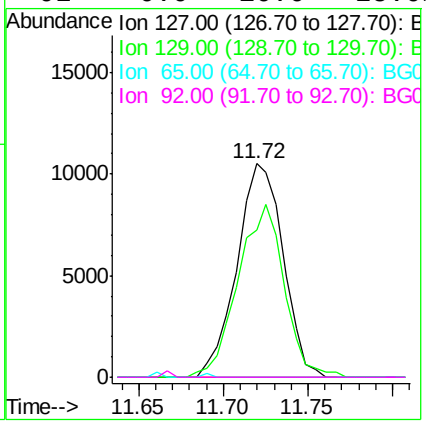


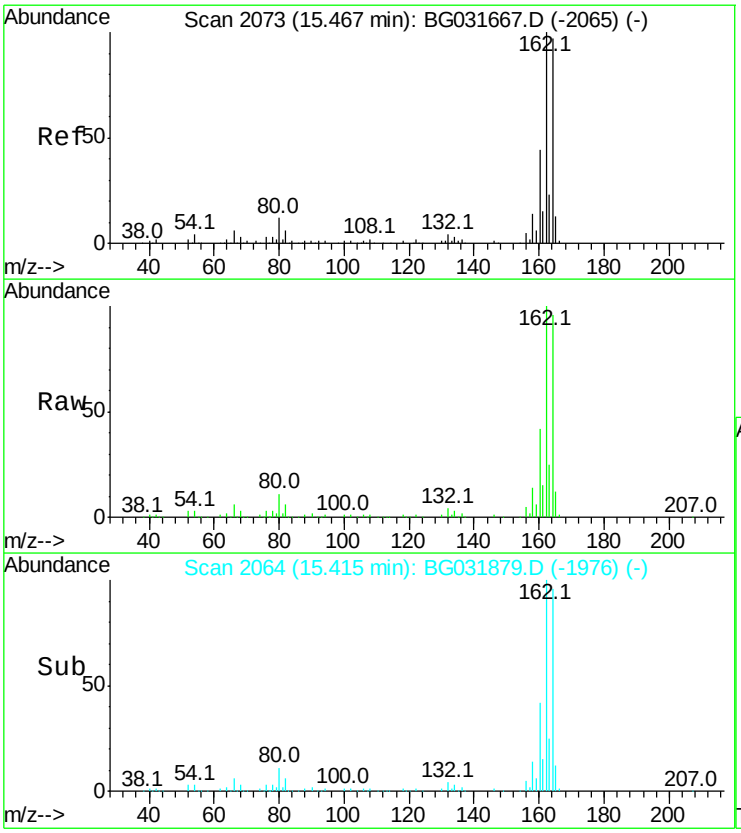
#33
4-Chloroaniline
Concen: 5.106 ng
RT: 11.72 min Scan# 1435
Delta R.T. -0.10 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 19926

Ion	Ratio	Lower	Upper
127	100		
129	69.2	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

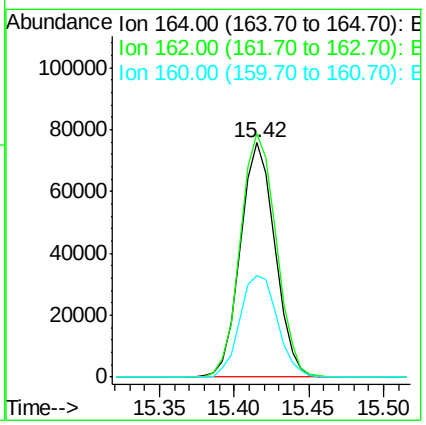


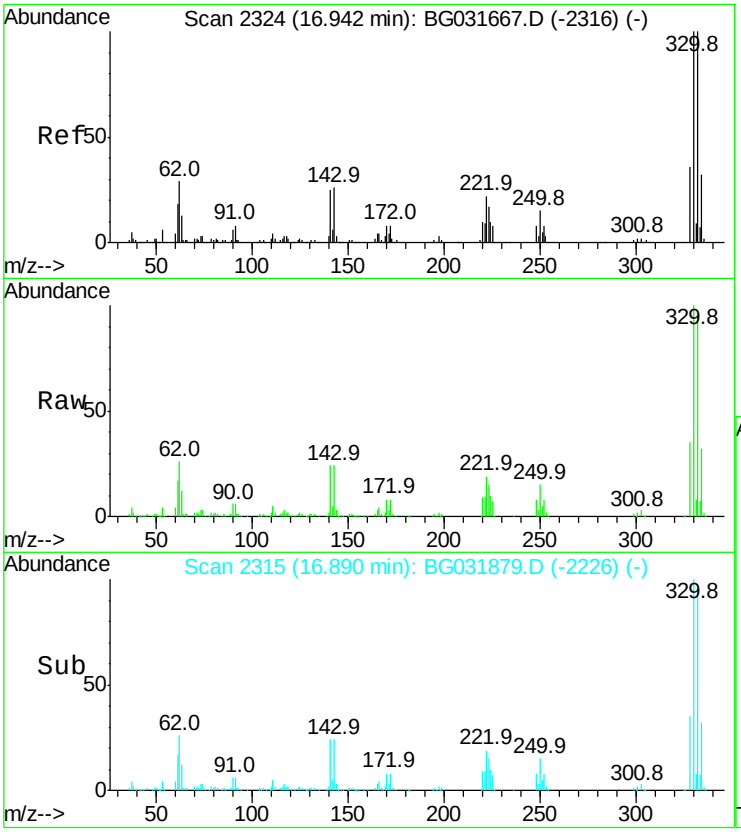


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:164 Resp: 121282

Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	43.6	35.4	53.0



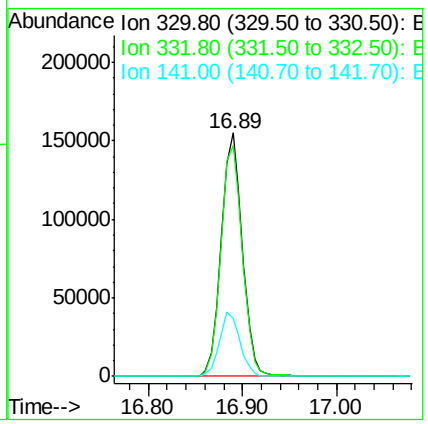


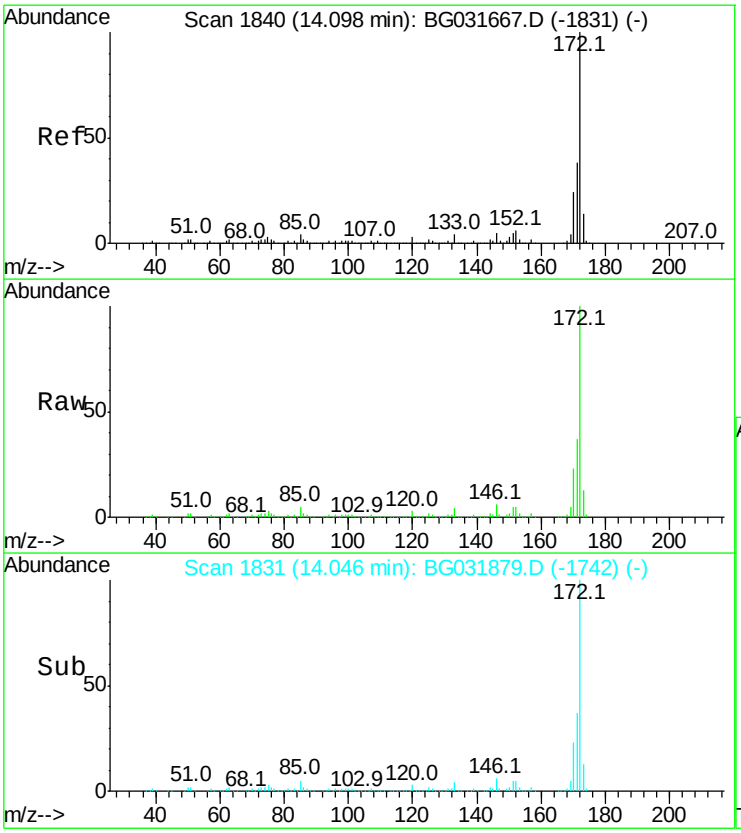
#41
2,4,6-Tribromophenol
Concen: 130.986 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 242403

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	25.9	25.2	37.8

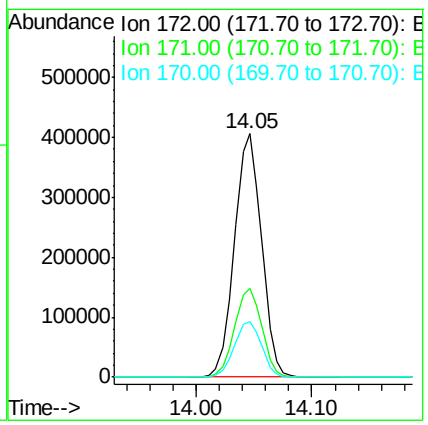


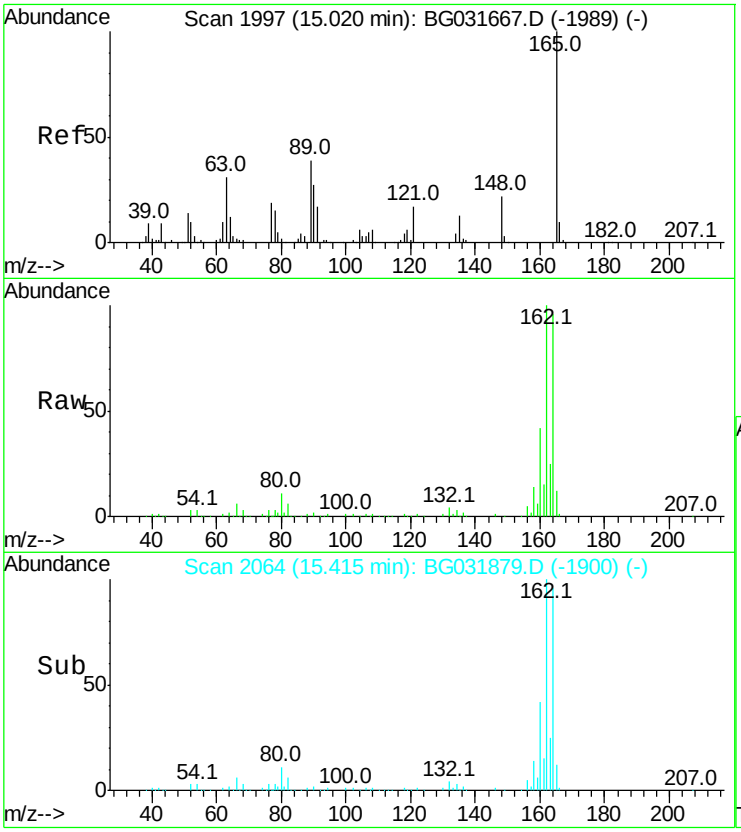


#44
2-Fluorobiphenyl
Concen: 67.910 ng
RT: 14.05 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:172 Resp: 656208

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	22.7	19.5	29.3



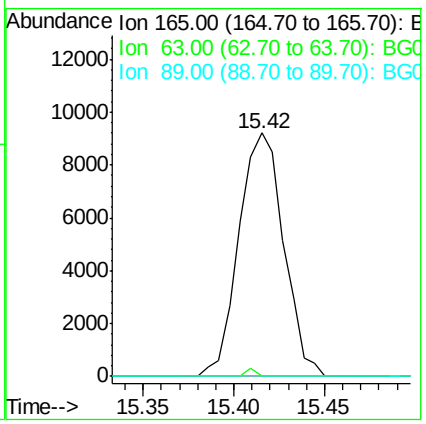


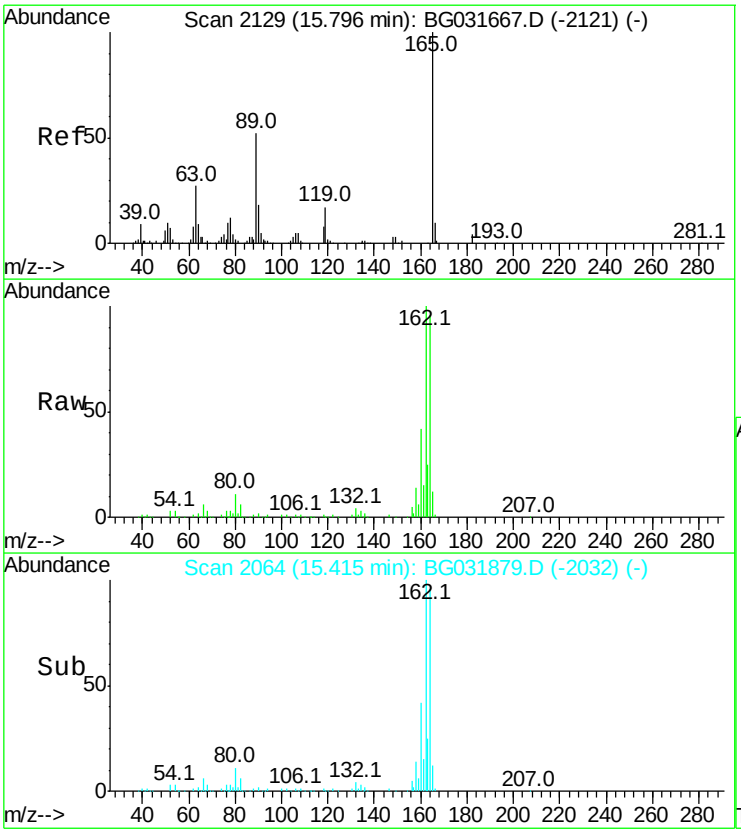
#50
2,6-Dinitrotoluene
Concen: 8.043 ng
RT: 15.42 min Scan# 2064
Delta R.T. 0.44 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 15809

Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	0.0	49.2	73.8#

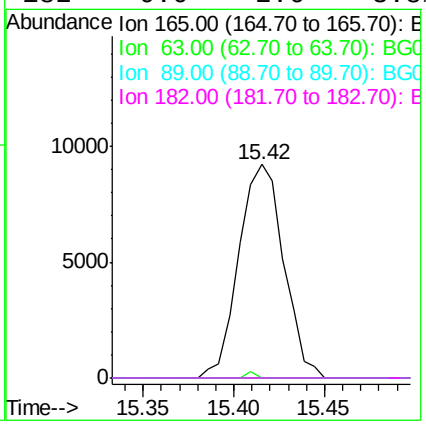


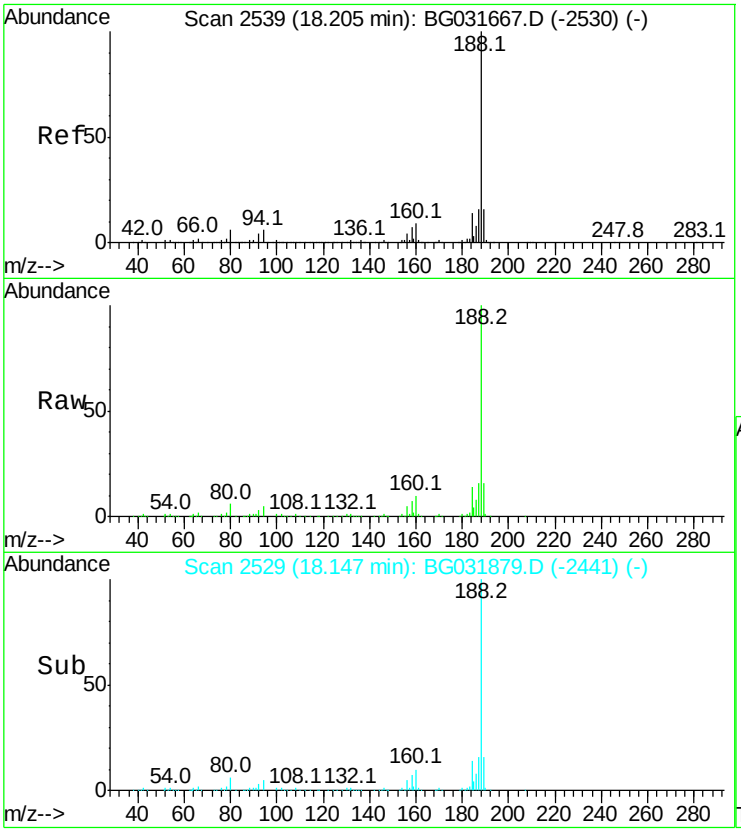


#56
2,4-Dinitrotoluene
Concen: 6.255 ng
RT: 15.42 min Scan# 2064
Delta R.T. -0.34 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:165 Resp: 15809

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



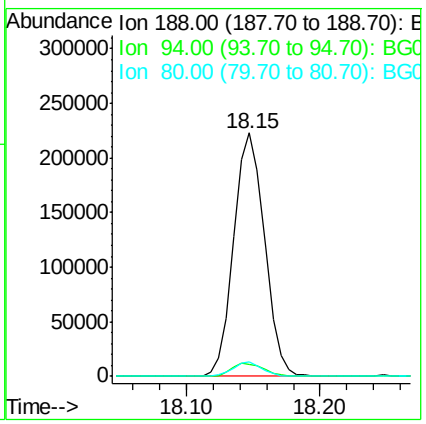


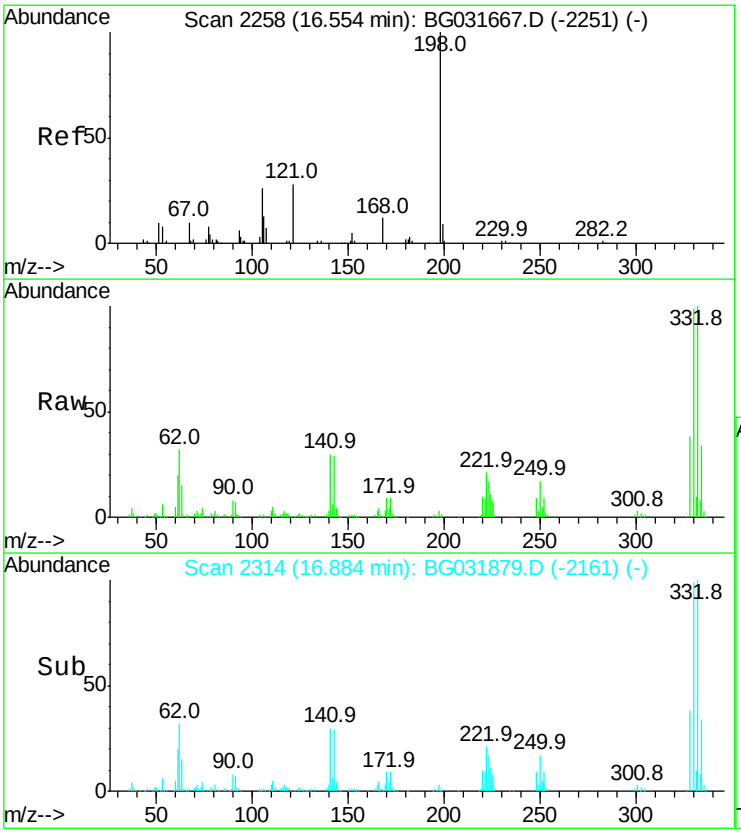
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.15 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 357288

Ion	Ratio	Lower	Upper
188	100		
94	5.0	6.9	10.3#
80	6.1	7.7	11.5#

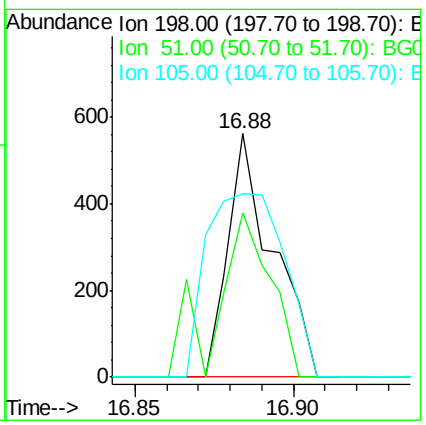


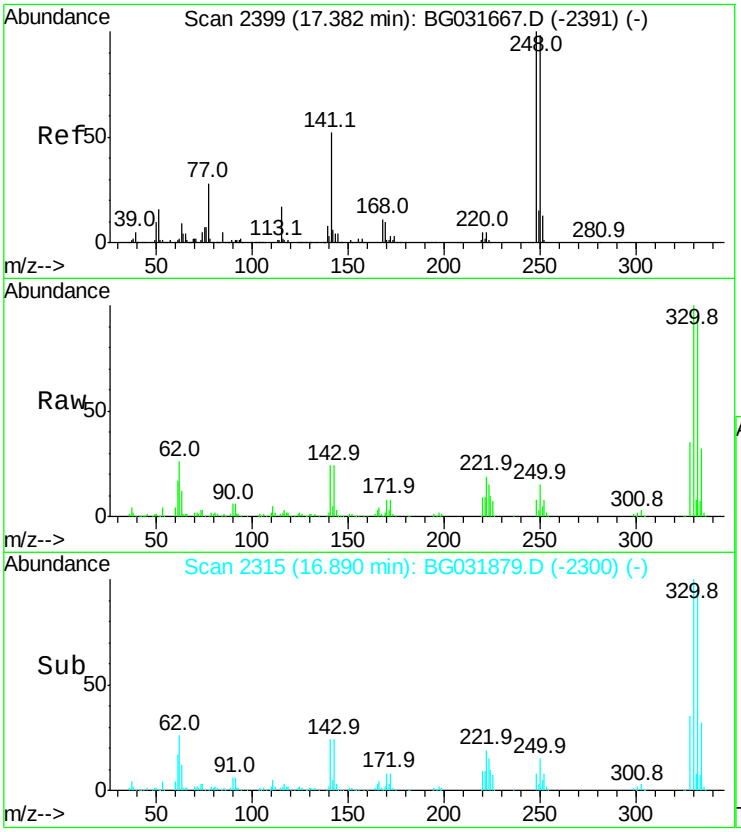


#64
4,6-Dinitro-2-methylphenol
Concen: 8.566 ng
RT: 16.88 min Scan# 2314
Delta R.T. 0.37 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:198 Resp: 546

Ion	Ratio	Lower	Upper
198	100		
51	67.4	30.6	70.6
105	75.3	23.8	63.8#



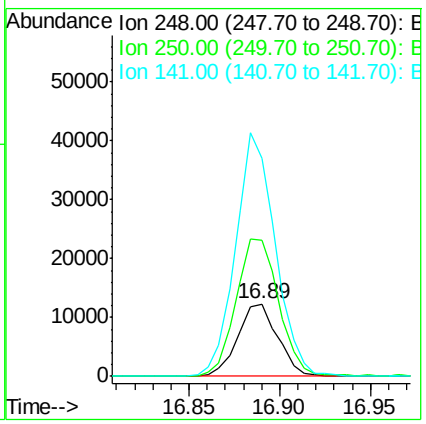


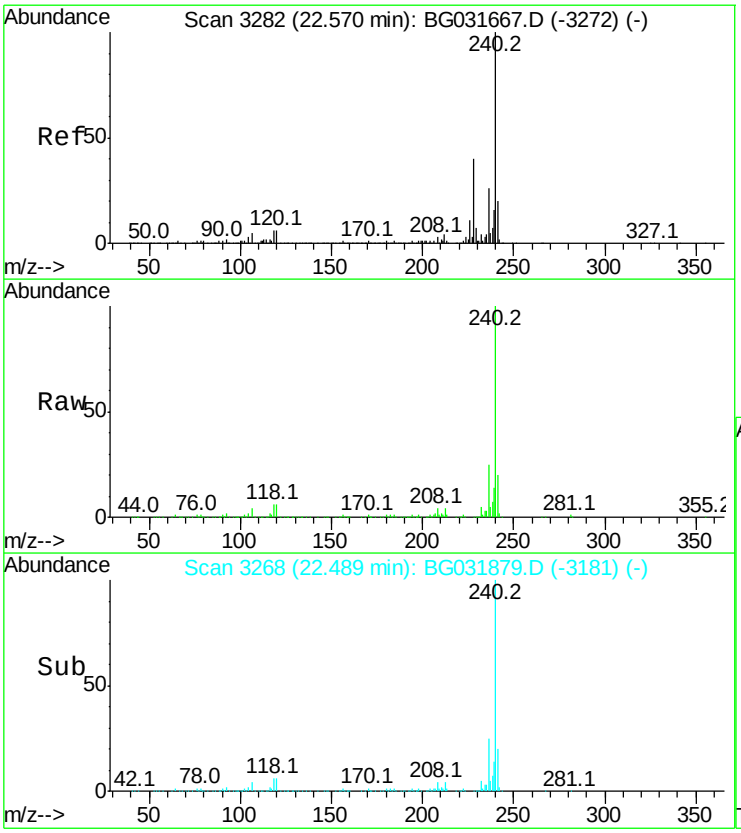
#66
4-Bromophenyl-phenylether
Concen: 3.629 ng
RT: 16.89 min Scan# 2315
Delta R.T. -0.44 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 18747

Ion	Ratio	Lower	Upper
248	100		
250	188.1	77.1	115.7#
141	301.3	50.8	76.2#

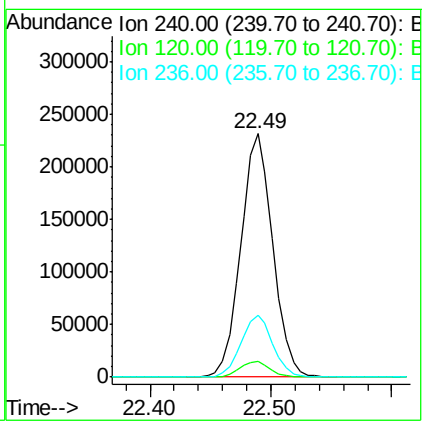


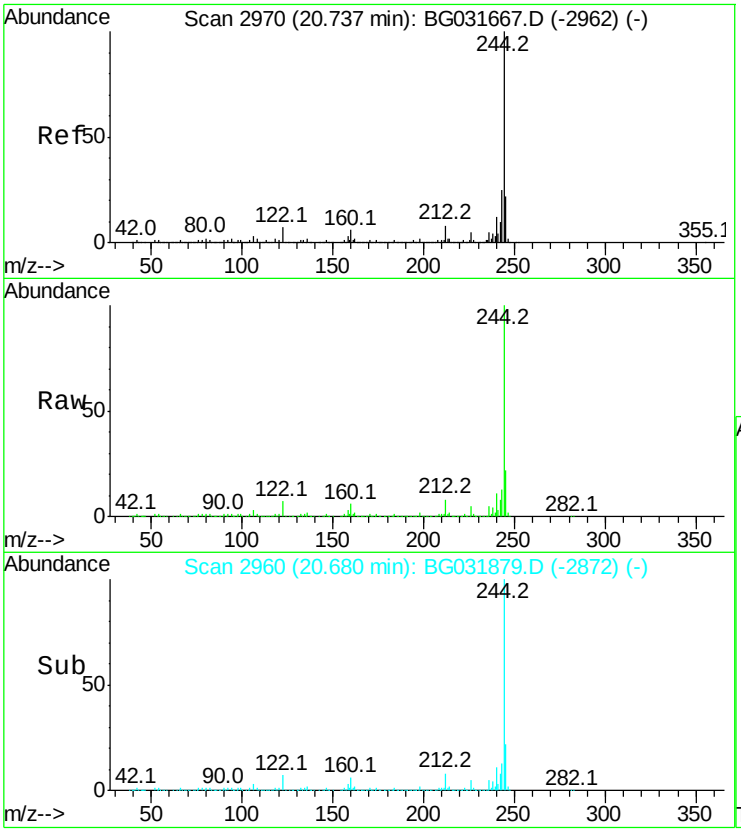


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.49 min Scan# 3268
Delta R.T. -0.02 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:240 Resp: 426380

Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	25.3	20.9	31.3



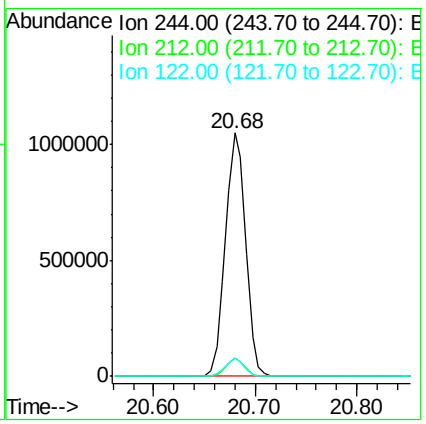


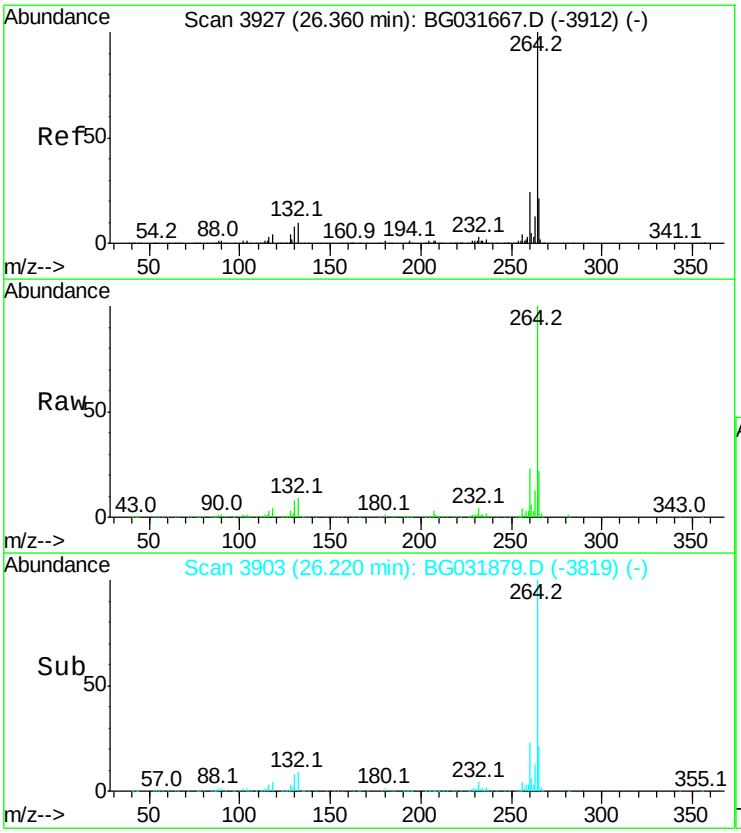
#78
Terphenyl-d14
Concen: 77.855 ng
RT: 20.68 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1452995

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	7.3	7.0	10.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.22 min Scan# 3903
Delta R.T. -0.03 min
Lab File: BG031879.D
Acq: 2 Jan 2018 19:55

Tgt Ion:264 Resp: 434571

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.6	17.7	26.5