Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
Data File : BG032338.D
Acq On : 26 Jan 2018 21:15
Operator : SJ/JU
Sample : J1288-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 26 23:10:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 24 14:02:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	33516	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	125846	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	90588	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	253522	20.00	ng	0.00
75) Chrysene-d12	22.41	240	330265	20.00	ng	-0.01
86) Perylene-d12	26.09	264	343003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	182074	99.36	ng	0.00
7) Phenol-d6	7.83	99	223827	96.98	ng	0.00
23) Nitrobenzene-d5	9.92	82	138610	74.52	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	185348	123.65	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	449421	61.52	ng	0.00
78) Terphenyl-d14	20.62	244	930447	62.21	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	3220	4.574	ng	# 1
10) Phenol	7.86	94	9132	4.017	ng	# 78
19) n-Nitroso-di-n-propylamine	9.92	70	19449	13.582	ng	# 77
49) Dimethylphthalate	14.78	163	57788	7.290	ng	100
56) 2,4-Dinitrotoluene	15.36	165	12236	5.524	ng	# 19
62) Azobenzene	16.68	77	36263	7.539	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.84	198	449	5.133	ng	# 50
66) 4-Bromophenyl-phenylether	16.83	248	15367	4.260	ng	# 1

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

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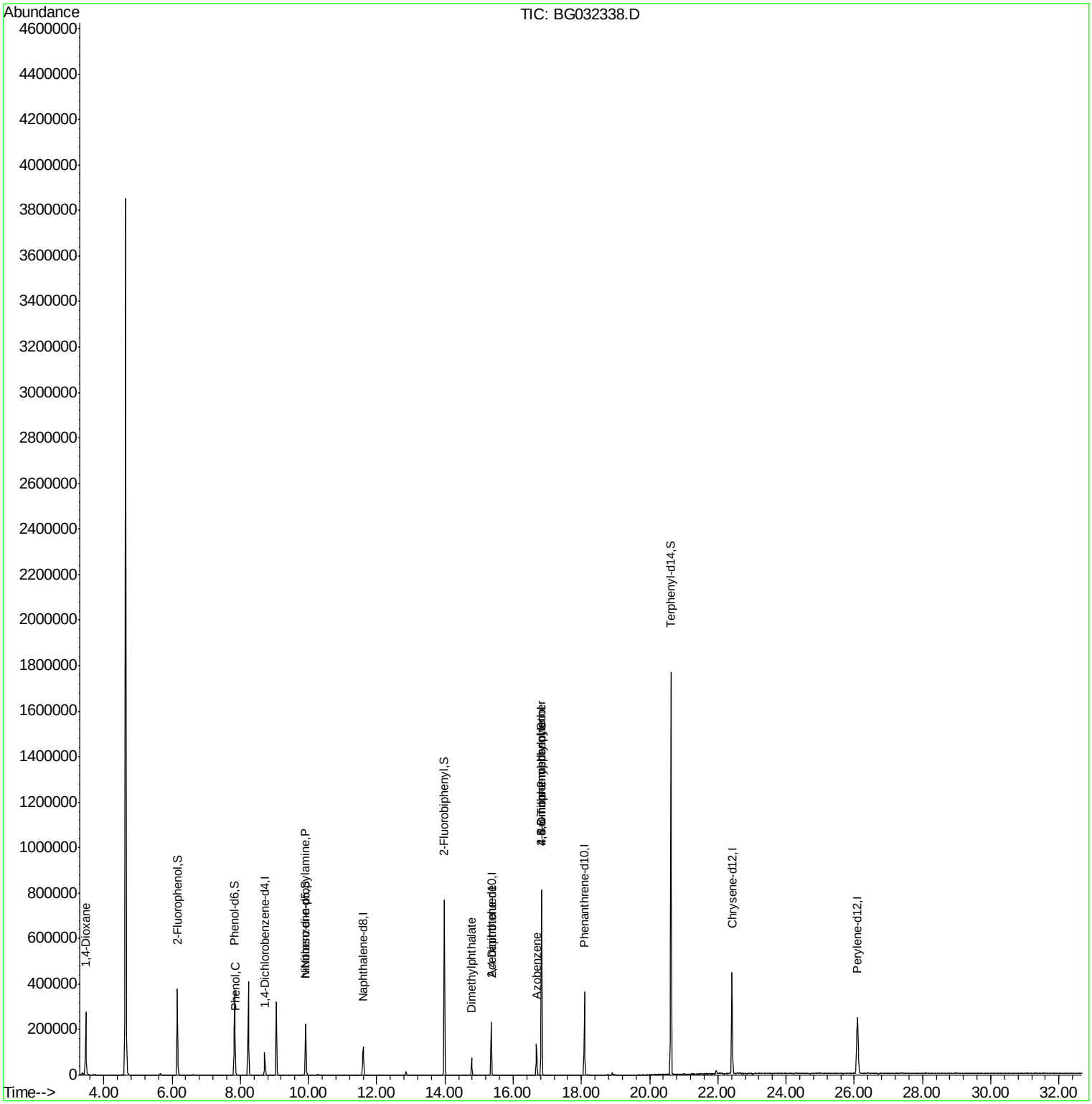
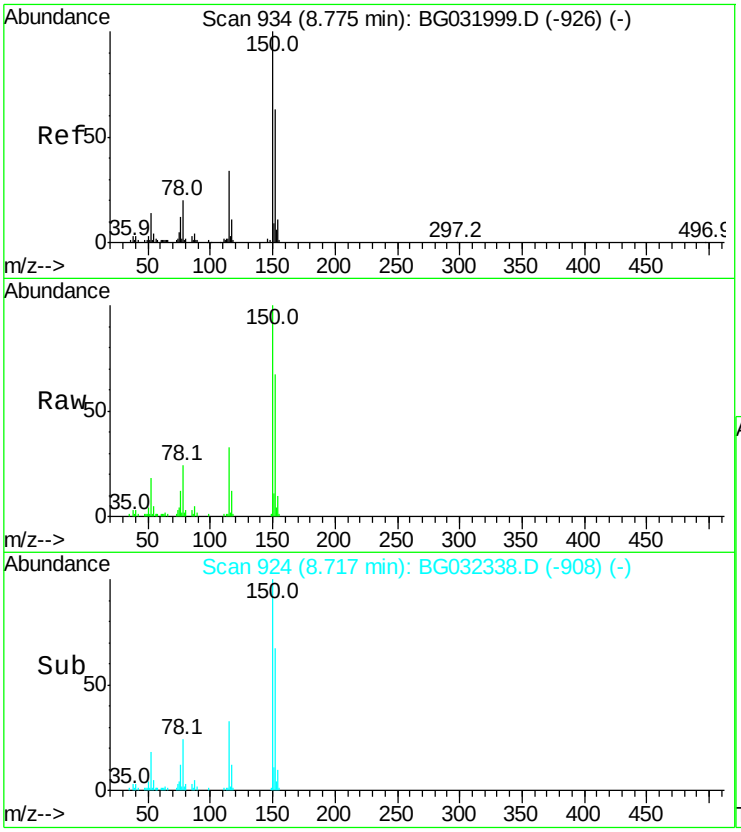


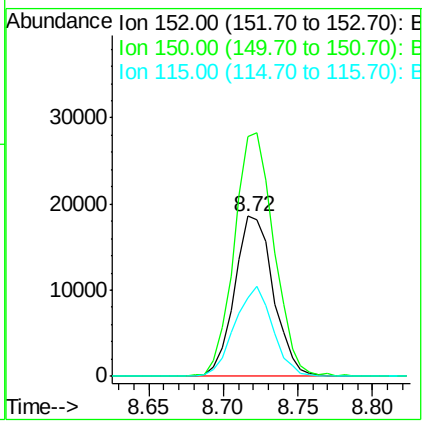


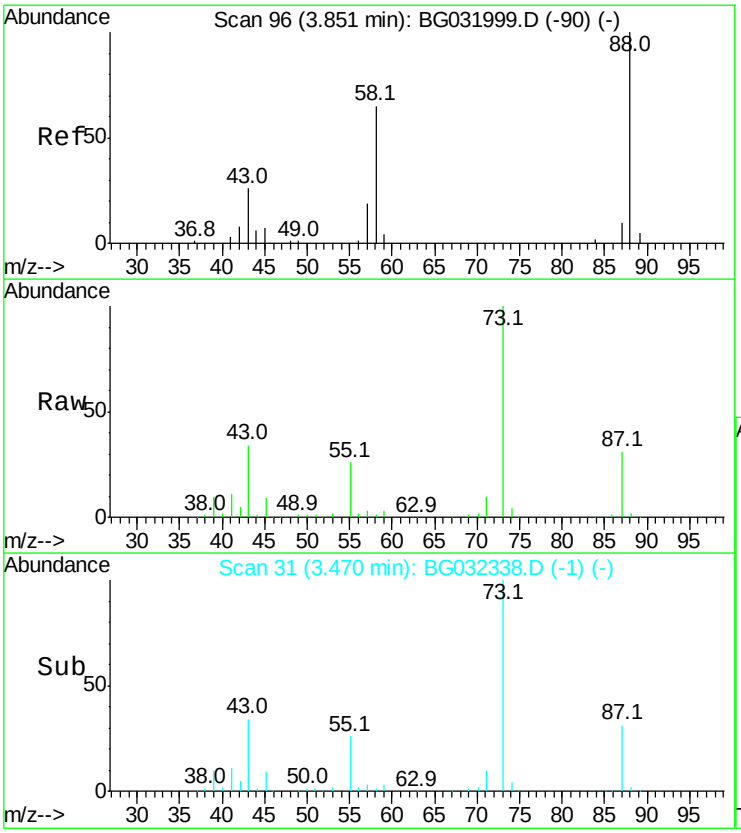
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 33516

Ion	Ratio	Lower	Upper
152	100		
150	149.6	126.6	189.8
115	48.9	53.0	79.4#

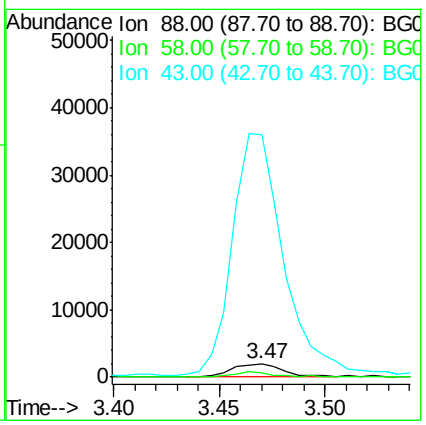


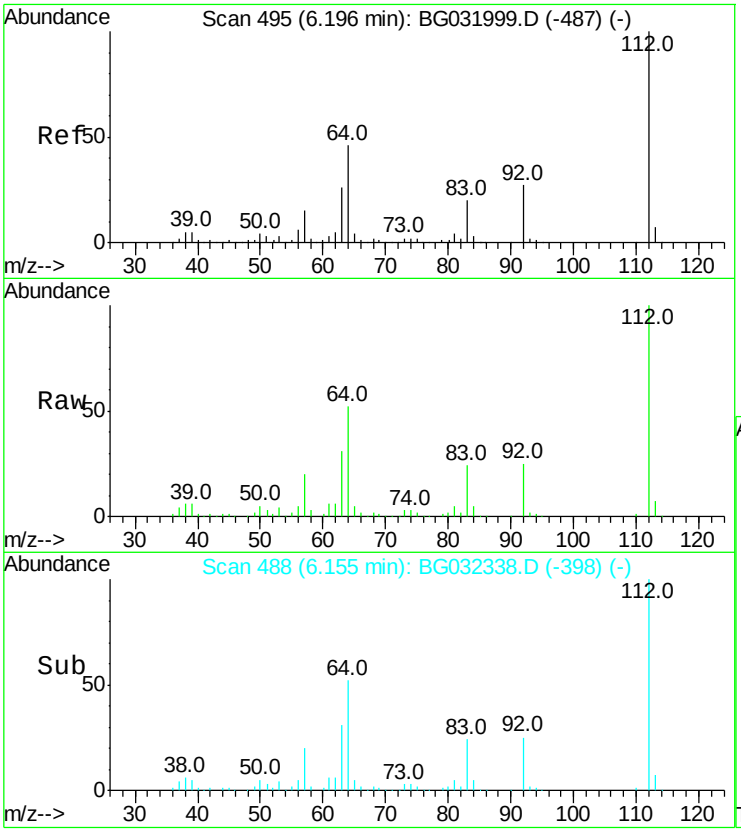


#2
1,4-Dioxane
Concen: 4.574 ng
RT: 3.47 min Scan# 31
Delta R.T. -0.35 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion: 88 Resp: 3220

Ion	Ratio	Lower	Upper
88	100		
58	33.6	79.6	119.4#
43	1869.0	27.4	41.0#



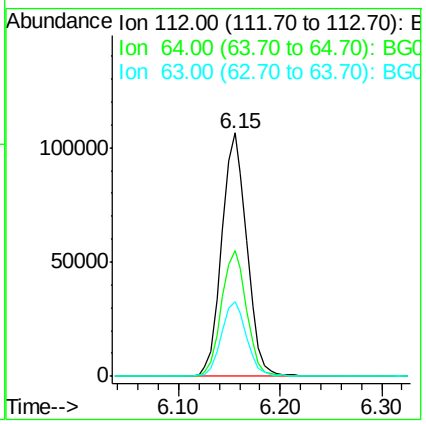


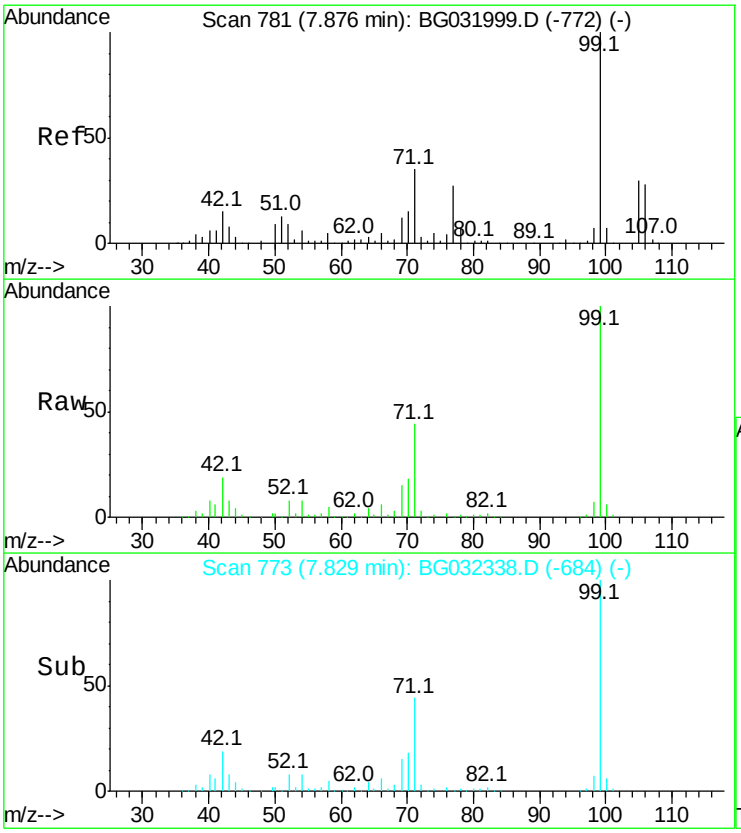
#5
2-Fluorophenol
Concen: 99.356 ng
RT: 6.15 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 182074

Ion	Ratio	Lower	Upper
112	100		
64	51.9	56.3	84.5#
63	30.5	30.1	45.1

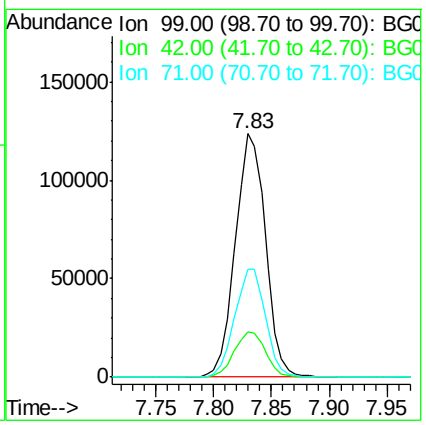


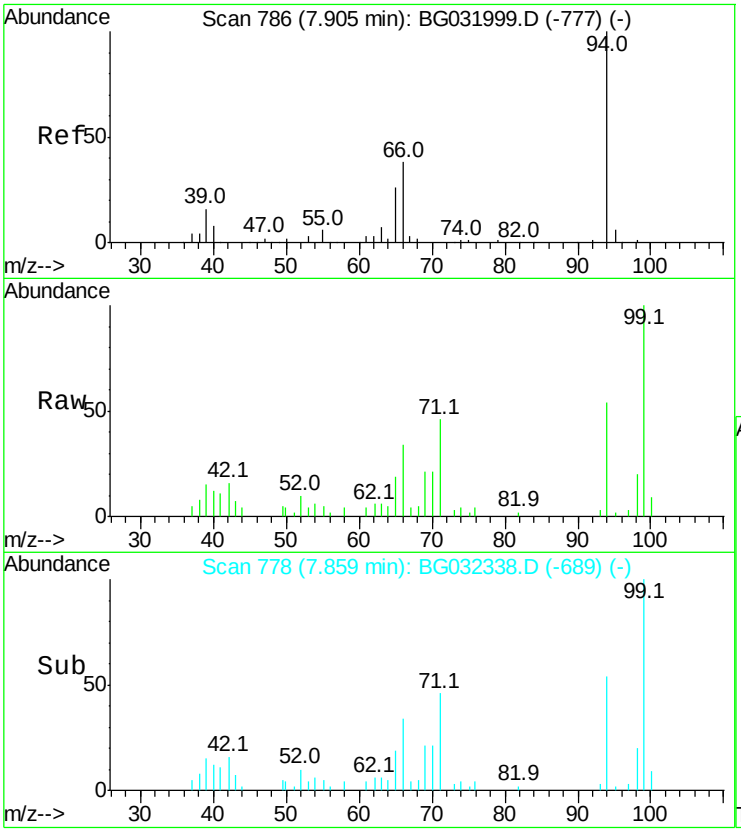


#7
Phenol-d6
Concen: 96.980 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion: 99 Resp: 223827

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.1	21.1
71	44.3	26.1	39.1#



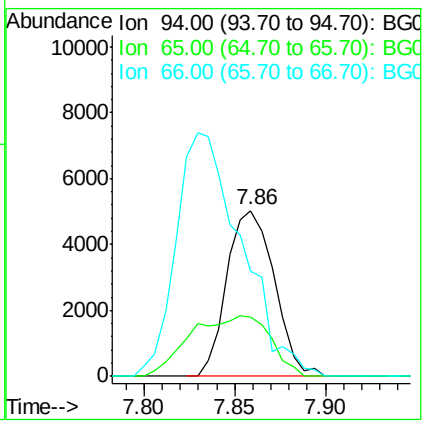


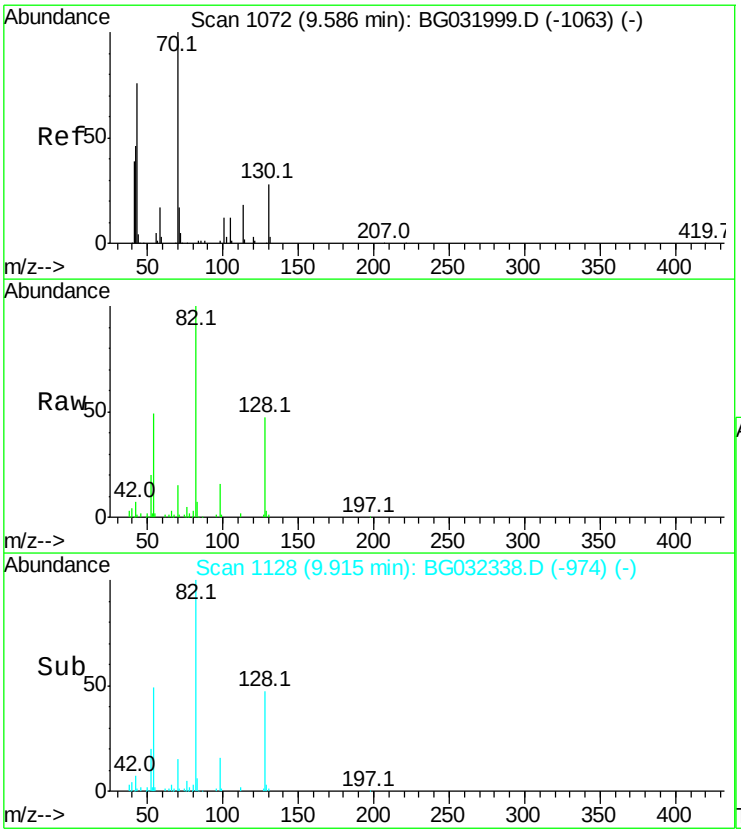
#10
Phenol
Concen: 4.017 ng
RT: 7.86 min Scan# 778
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 94 Resp: 9132

Ion	Ratio	Lower	Upper
94	100		
65	35.8	11.9	51.9
66	63.7	22.2	62.2#

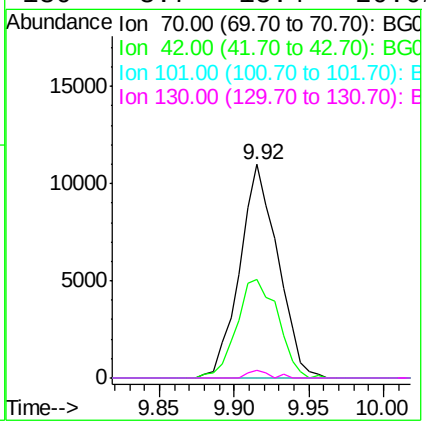


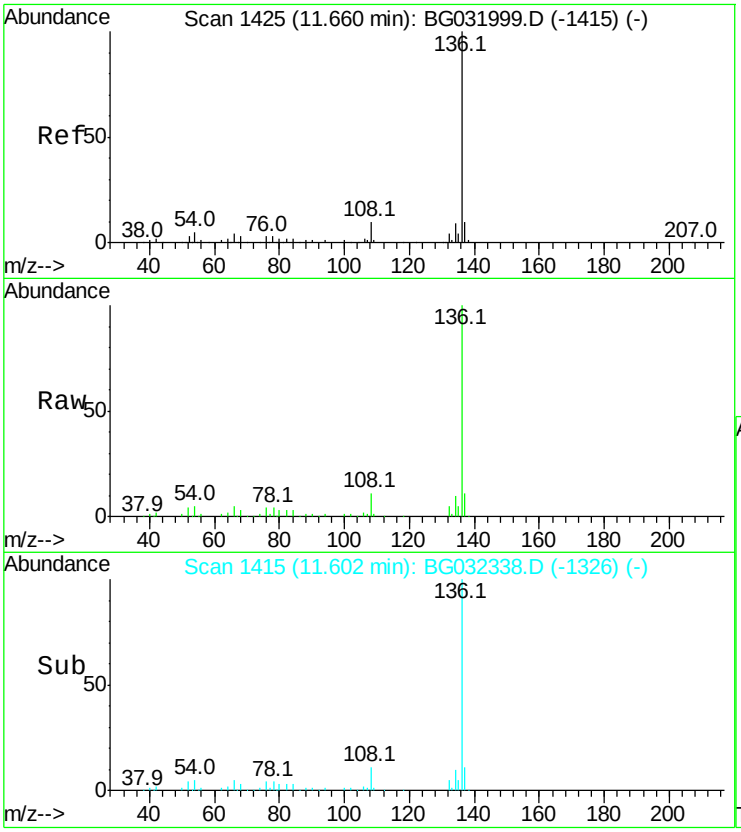


#19
n-Nitroso-di-n-propylamine
Concen: 13.582 ng
RT: 9.92 min Scan# 1128
Delta R.T. 0.38 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion: 70 Resp: 19449

Ion	Ratio	Lower	Upper
70	100		
42	46.3	49.1	73.7#
101	0.0	8.5	12.7#
130	3.7	13.4	20.0#



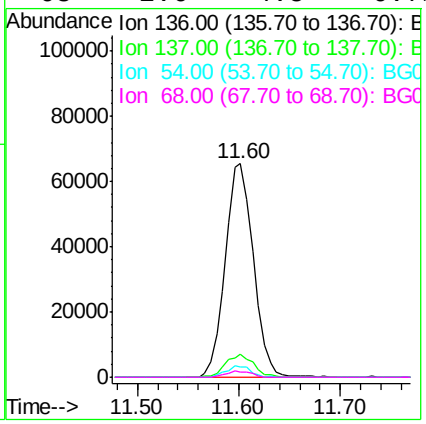


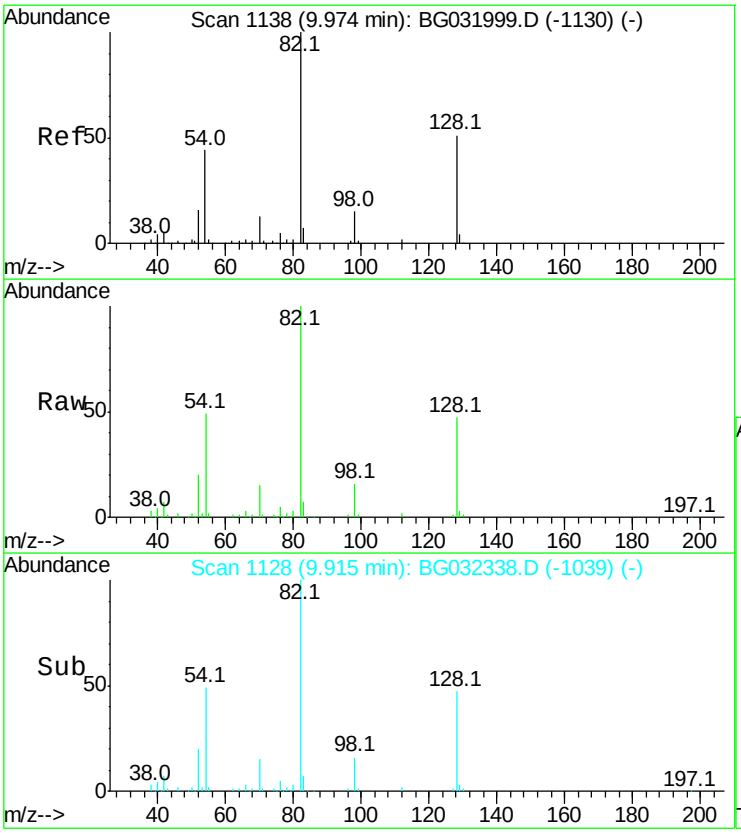
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 125846

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.7	10.3	15.5#
68	2.6	4.5	6.7#

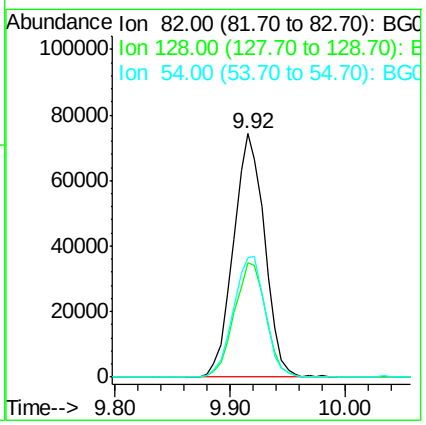


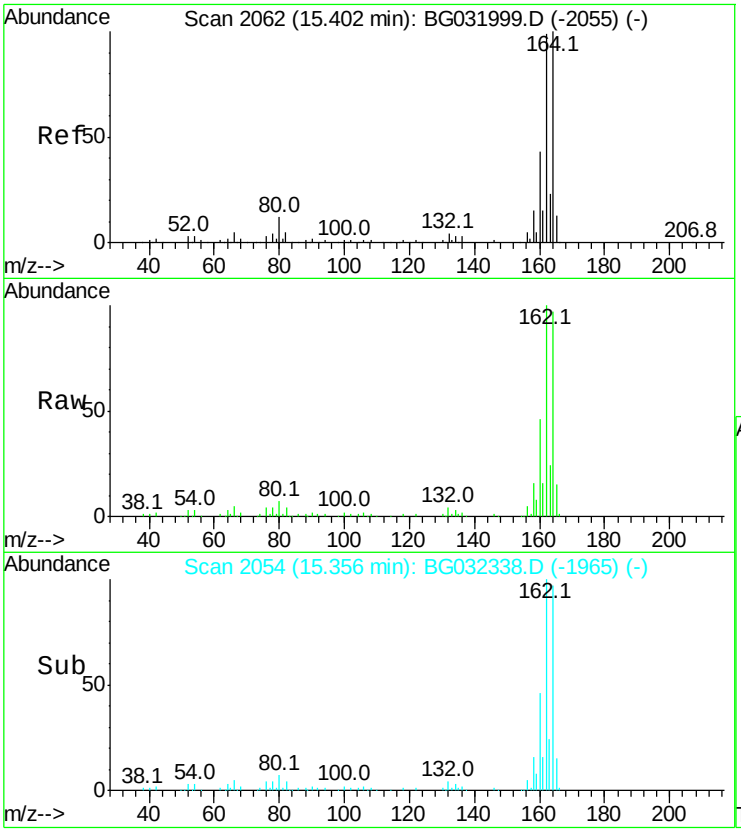


#23
Nitrobenzene-d5
Concen: 74.516 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion: 82 Resp: 138610

Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	49.2	43.1	64.7



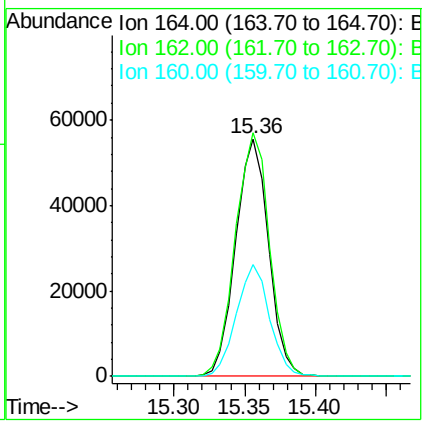


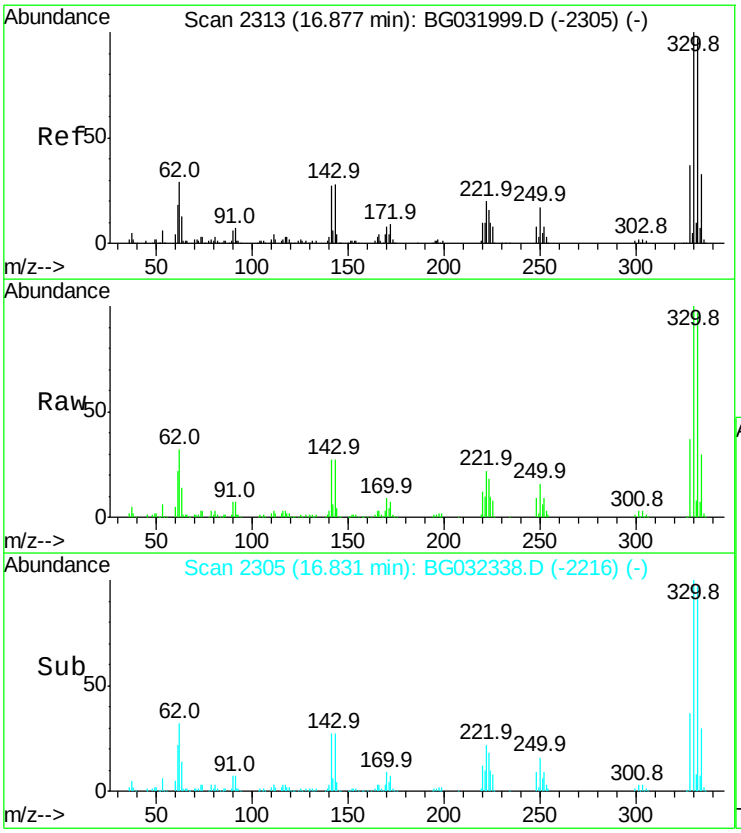
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 90588

Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	47.3	35.4	53.0

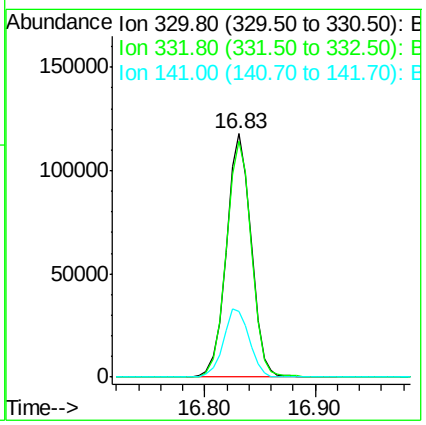


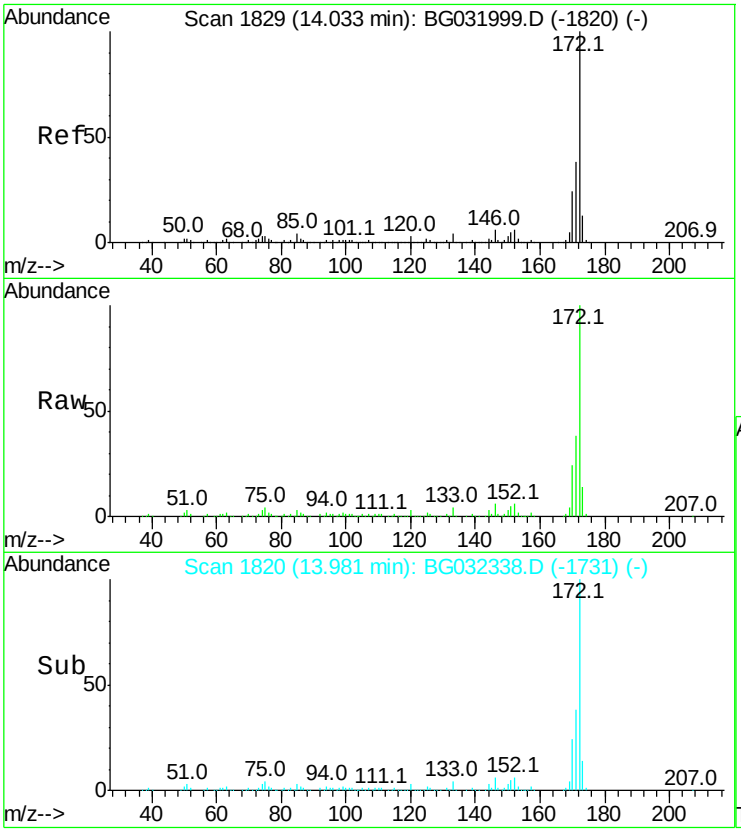


#41
2,4,6-Tribromophenol
Concen: 123.646 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:330 Resp: 185348

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	29.1	25.2	37.8



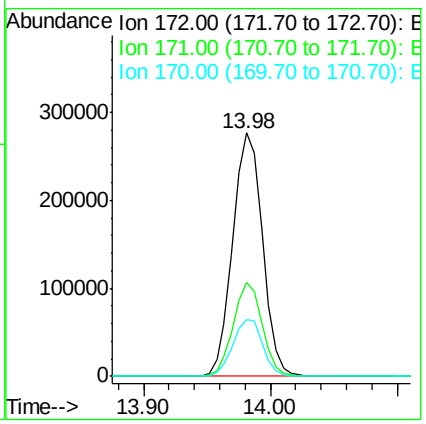


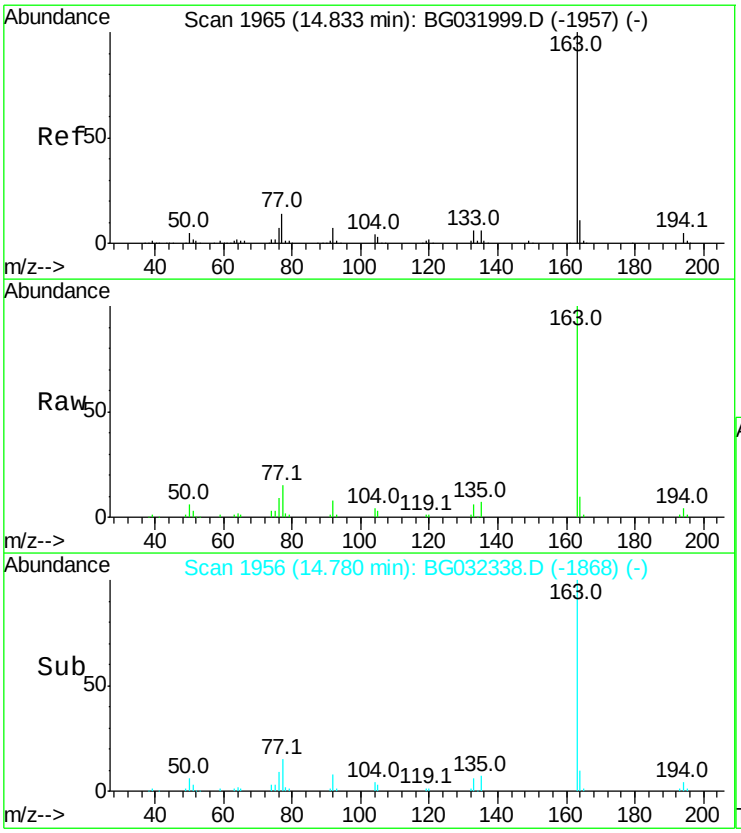
#44
2-Fluorobiphenyl
Concen: 61.516 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 449421

Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	23.5	19.5	29.3

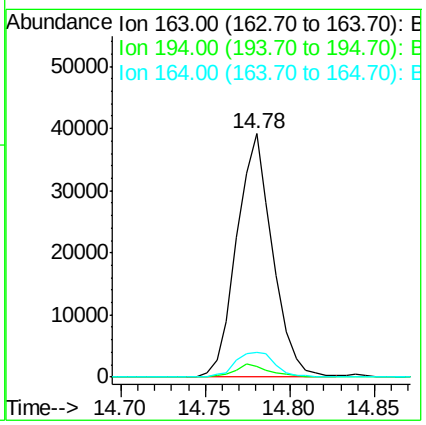


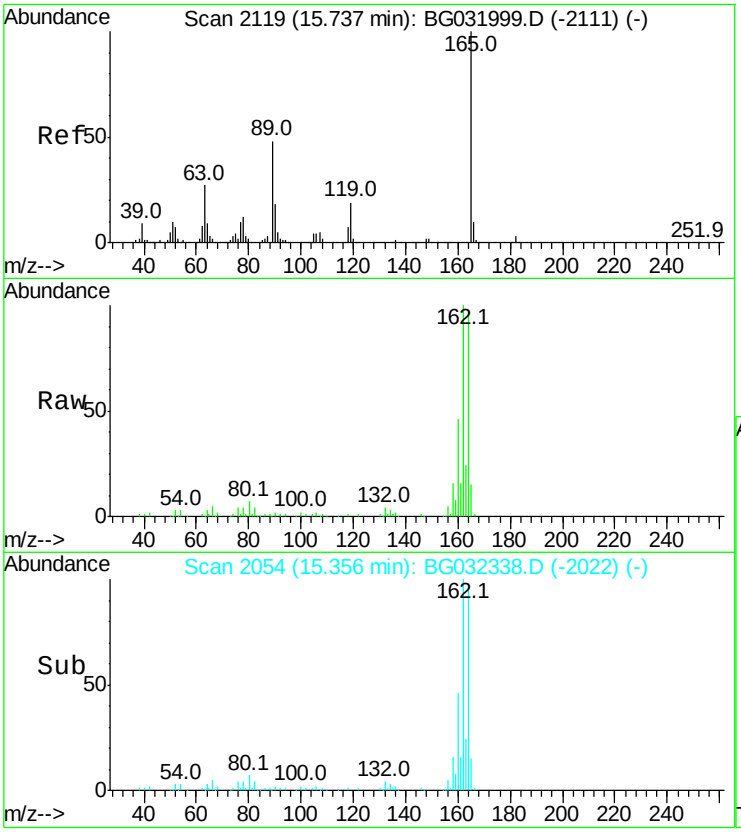


#49
Dimethylphthalate
Concen: 7.290 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:163 Resp: 57788

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	8.2	12.4



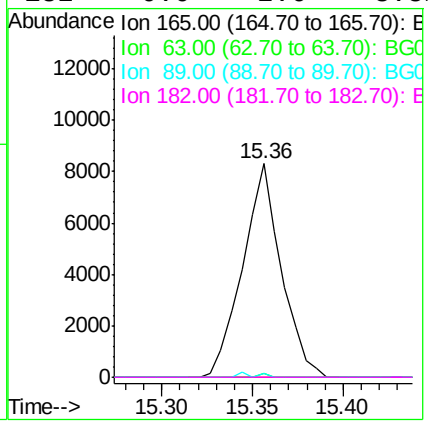


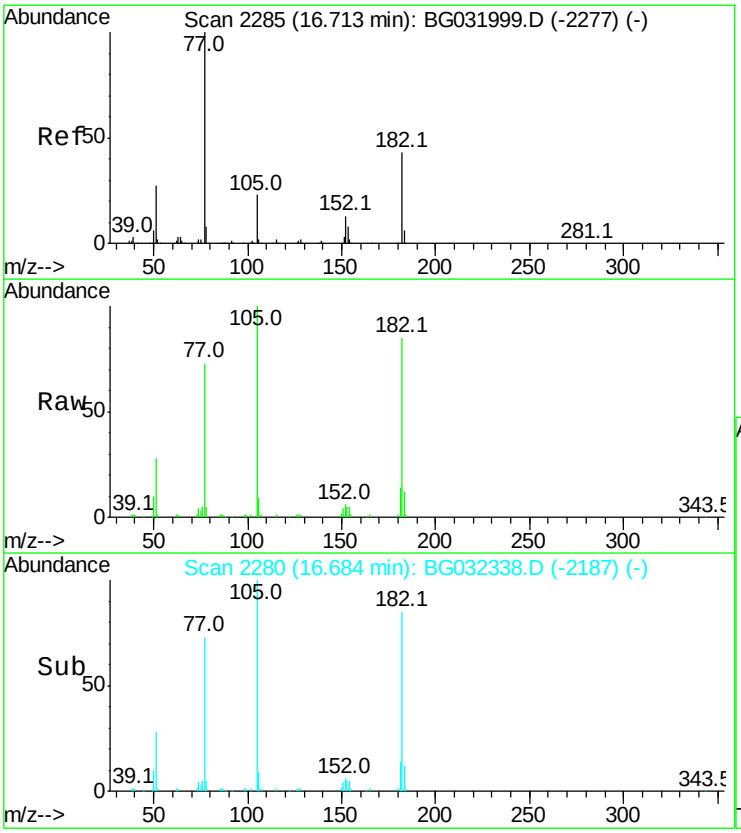
#56
2,4-Dinitrotoluene
Concen: 5.524 ng
RT: 15.36 min Scan# 2054
Delta R.T. -0.34 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 12236

Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	1.8	66.9	100.3#
182	0.0	2.6	3.8#

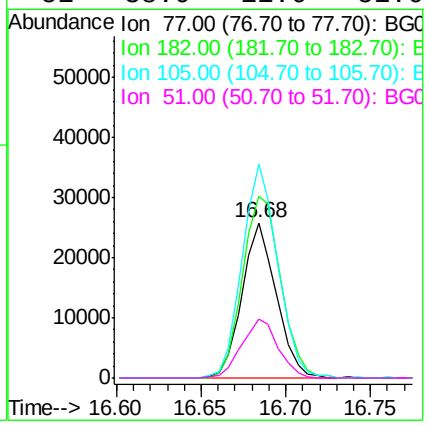


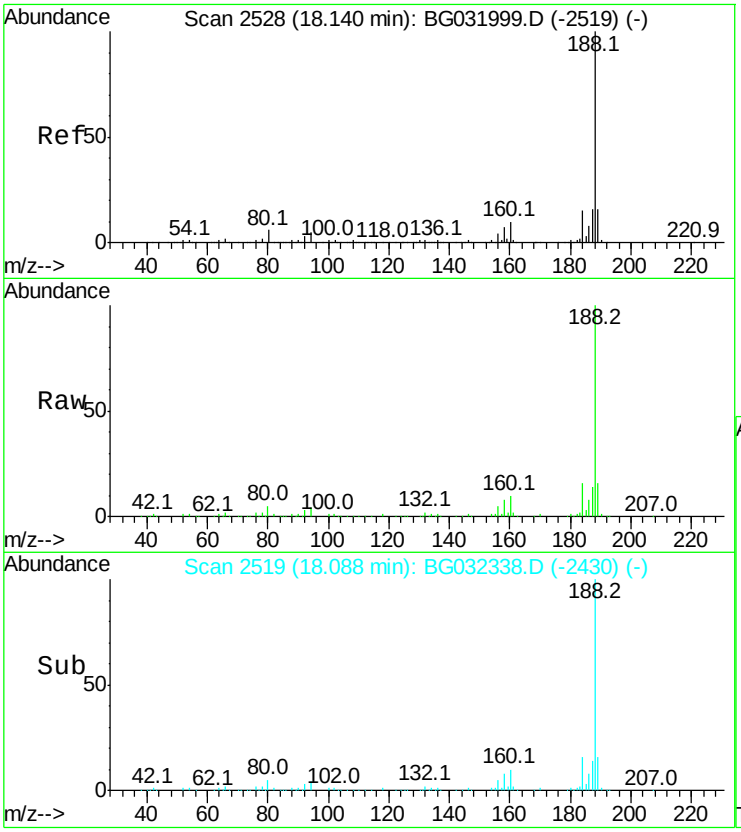


#62
Azobenzene
Concen: 7.539 ng
RT: 16.68 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion: 77 Resp: 36263

Ion	Ratio	Lower	Upper
77	100		
182	117.0	7.4	47.4#
105	137.7	0.3	40.3#
51	38.0	11.6	51.6



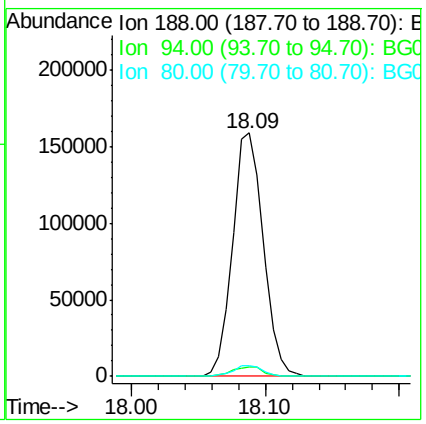


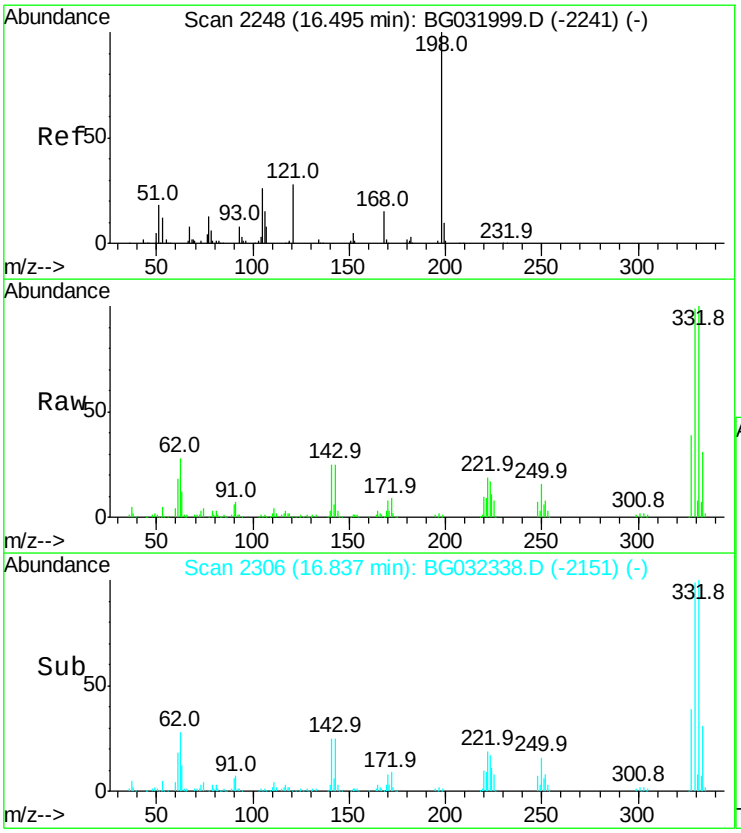
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 253522

Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	4.6	7.7	11.5#

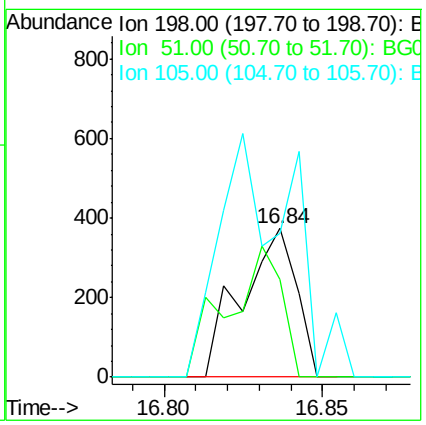


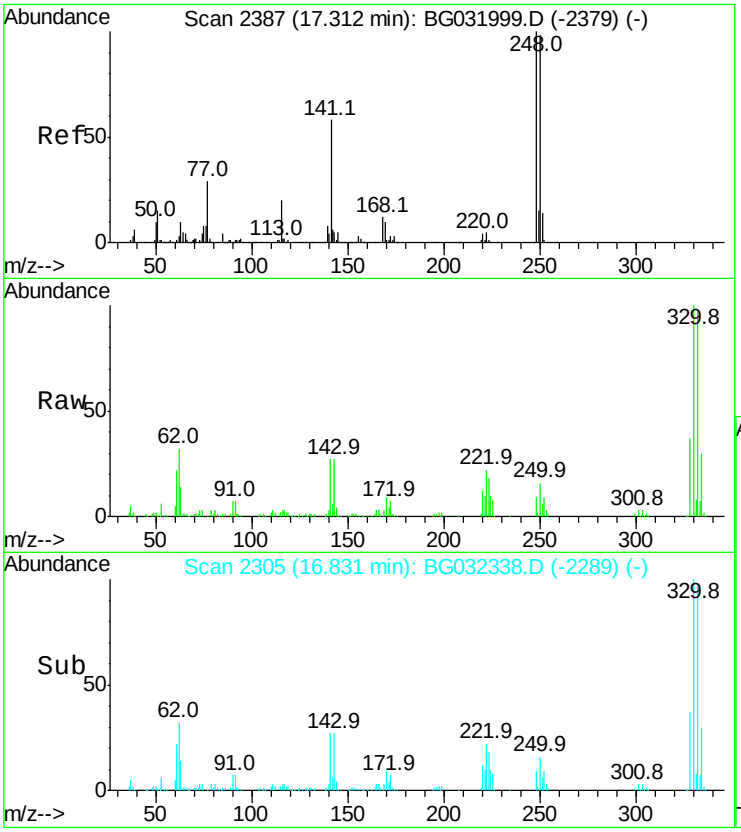


#64
4,6-Dinitro-2-methylphenol
Concen: 5.133 ng
RT: 16.84 min Scan# 2306
Delta R.T. 0.38 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:198 Resp: 449

Ion	Ratio	Lower	Upper
198	100		
51	66.2	30.6	70.6
105	96.8	23.8	63.8#



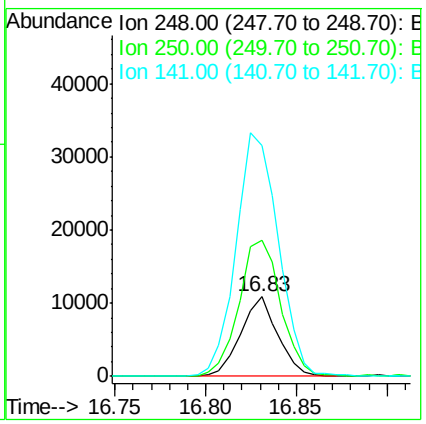


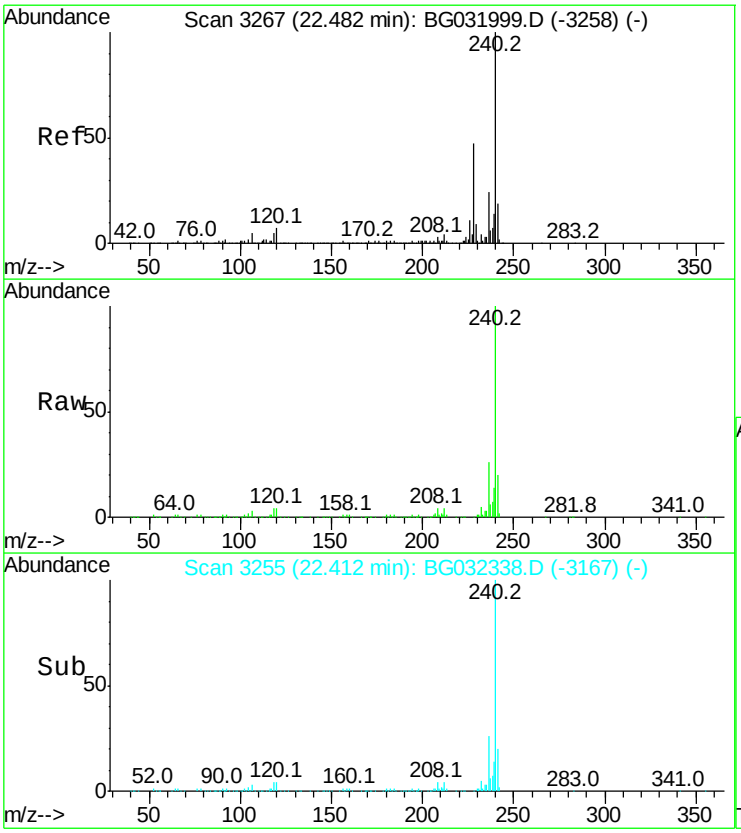
#66
4-Bromophenyl-phenylether
Concen: 4.260 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.44 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 15367

Ion	Ratio	Lower	Upper
248	100		
250	172.2	77.1	115.7#
141	292.2	50.8	76.2#

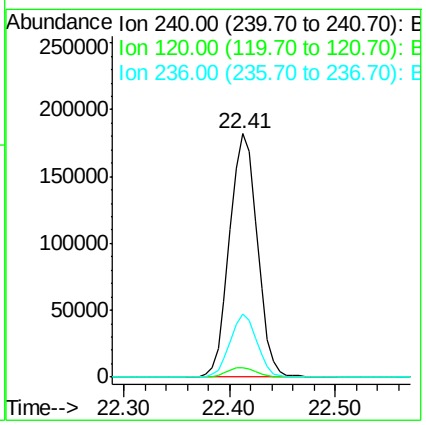


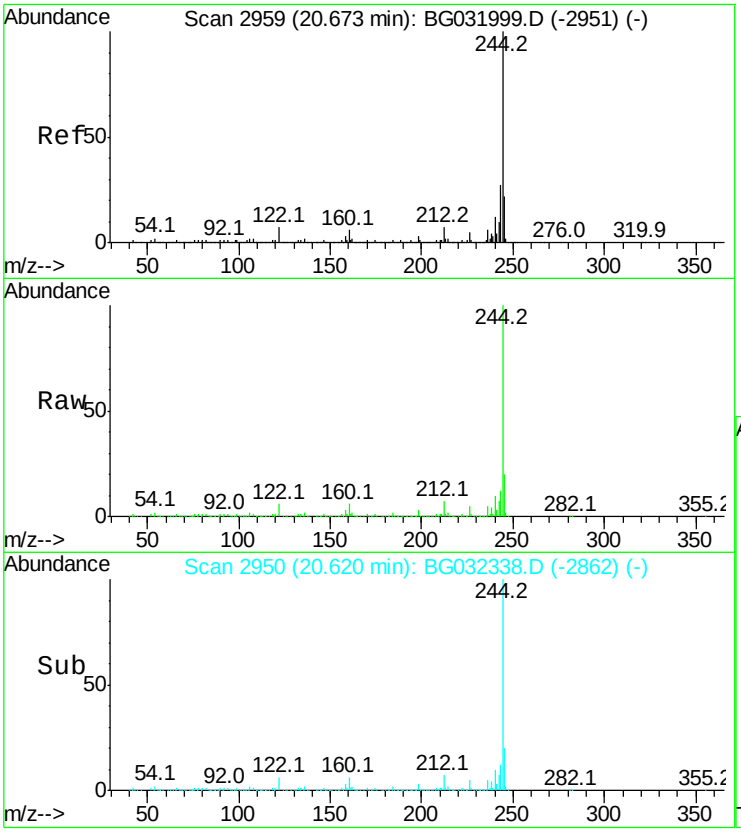


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:240 Resp: 330265

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.8	10.2#
236	26.2	20.9	31.3



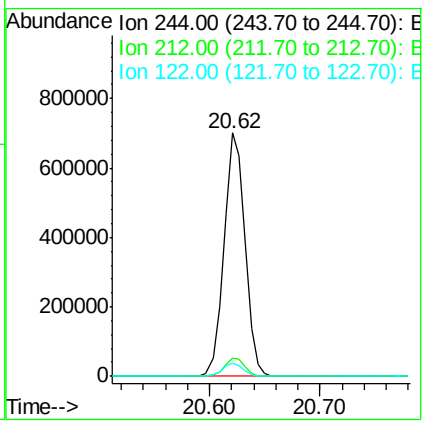


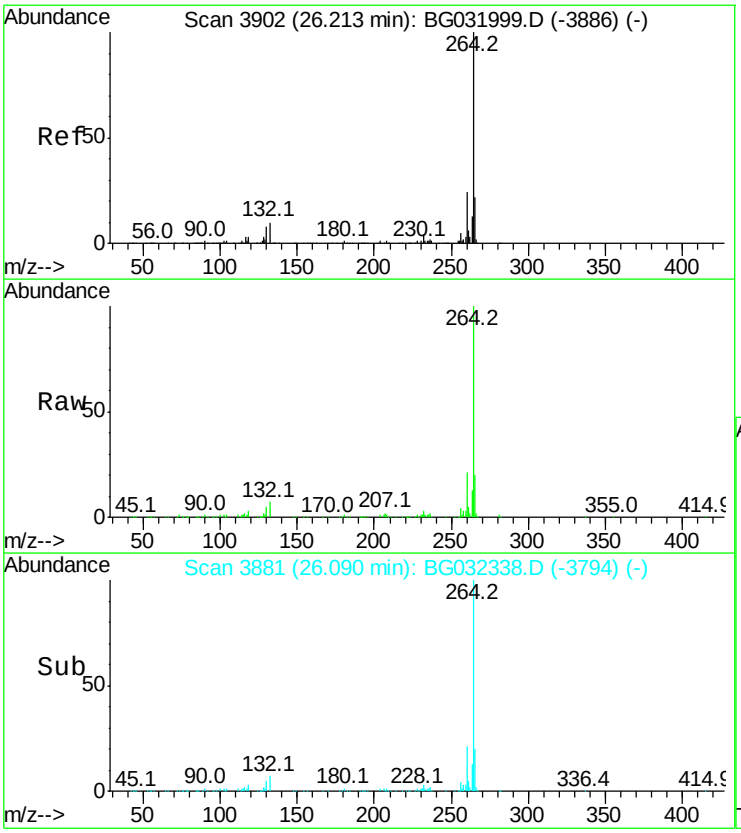
#78
Terphenyl-d14
Concen: 62.207 ng
RT: 20.62 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 930447

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	5.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3881
Delta R.T. -0.02 min
Lab File: BG032338.D
Acq: 26 Jan 2018 21:15

Tgt Ion:264 Resp: 343003

Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	20.4	17.7	26.5