Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032203.D
Acq On : 21 Jan 2018 6:34
Operator : SJ/JU
Sample : J1214-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 22 06:01:46 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 10:13:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.75	152	43249	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	183427	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	110000	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	291445	20.00	ng	0.00
75) Chrysene-d12	22.44	240	400214	20.00	ng	0.00
86) Perylene-d12	26.14	264	433916	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	288333	121.93	ng	0.00
7) Phenol-d6	7.85	99	331015	111.15	ng	0.00
23) Nitrobenzene-d5	9.94	82	242148	89.31	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	290112	159.38	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	746431	84.14	ng	0.00
78) Terphenyl-d14	20.64	244	1127095	62.18	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	4.19	42	2587	3.037	ng	# 1
9) Benzaldehyde	7.83	77	10990	6.369	ng	89
10) Phenol	7.88	94	41238	14.056	ng	93
15) Benzyl Alcohol	9.02	79	1307856	604.497	ng	95
17) 2-Methylphenol	9.01	107	704256	314.111	ng	# 13
20) 3+4-Methylphenols	9.51	107	15582	5.017	ng	95
27) 2,4-Dimethylphenol	10.82	122	11726	4.611	ng	# 1
32) Benzoic acid	10.82	122	11726	10.375	ng	# 75
53) 2,4-Dinitrophenol	15.87	184	60	7.018	ng	# 1
56) 2,4-Dinitrotoluene	15.37	165	14906	5.541	ng	# 18
64) 4,6-Dinitro-2-methylphenol	16.85	198	1038	5.384	ng	# 1
66) 4-Bromophenyl-phenylether	16.85	248	23059	5.561	ng	# 1
76) Benzidine	19.97	184	189391	18.924	ng	# 83

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

Quantitation Report (Not Reviewed)

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Operator : SJ/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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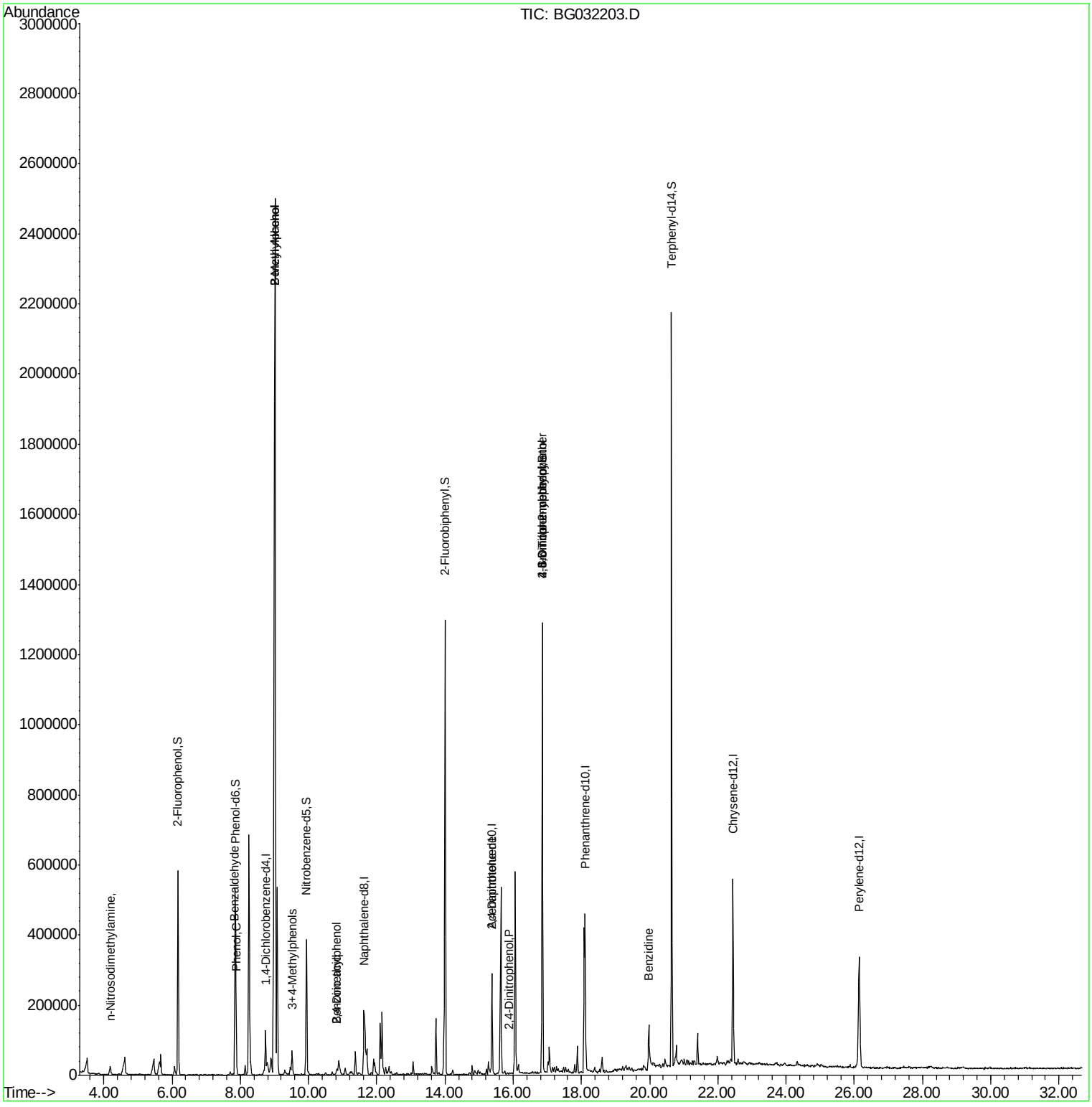
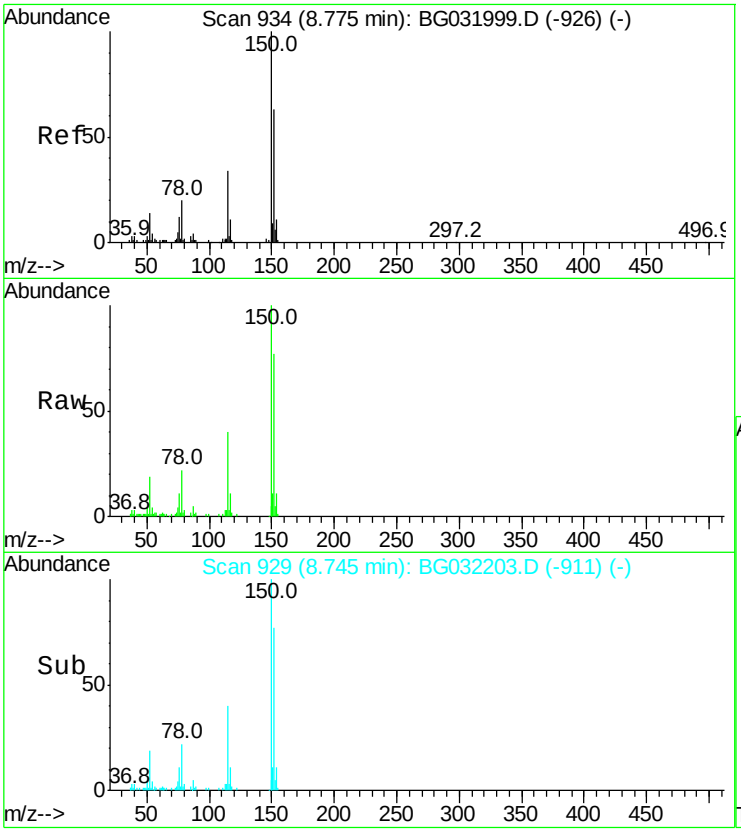


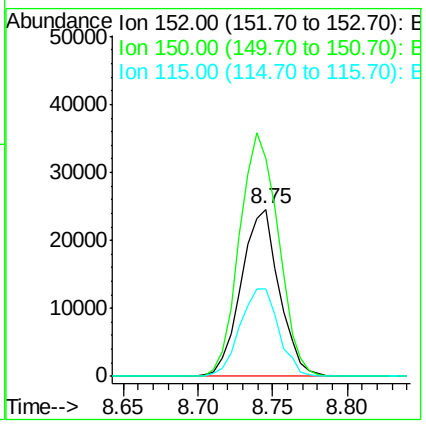


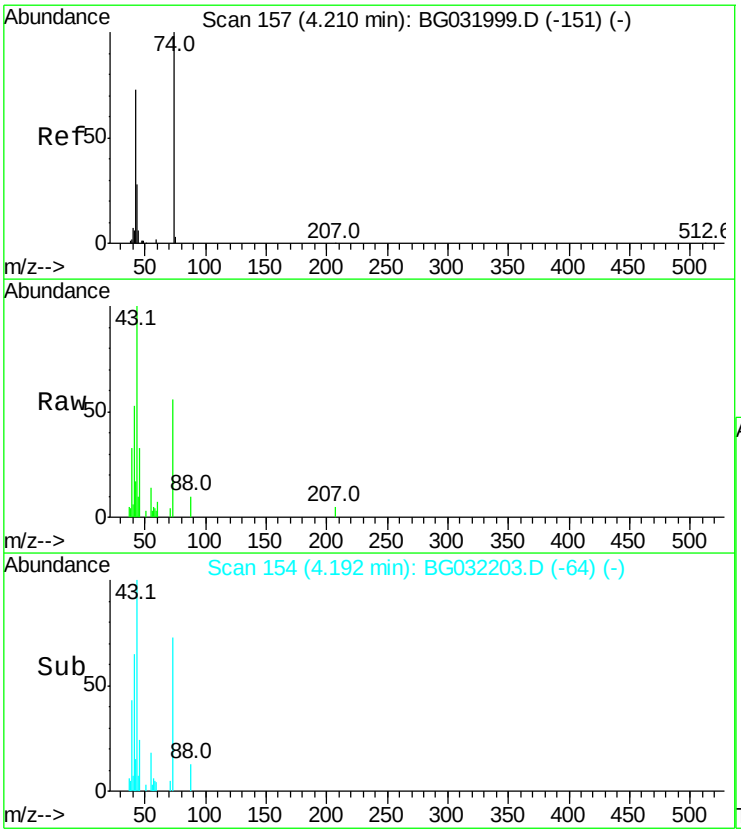
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.75 min Scan# 929
Delta R.T. 0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 43249

Ion	Ratio	Lower	Upper
152	100		
150	130.6	126.6	189.8
115	52.7	53.0	79.4#

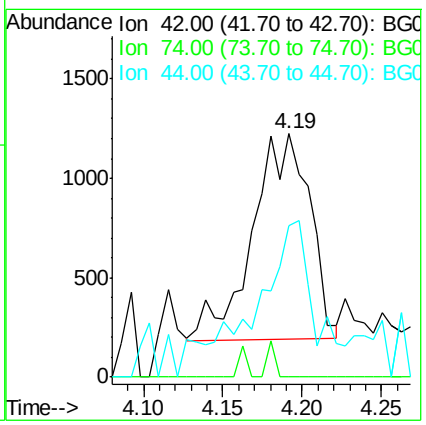


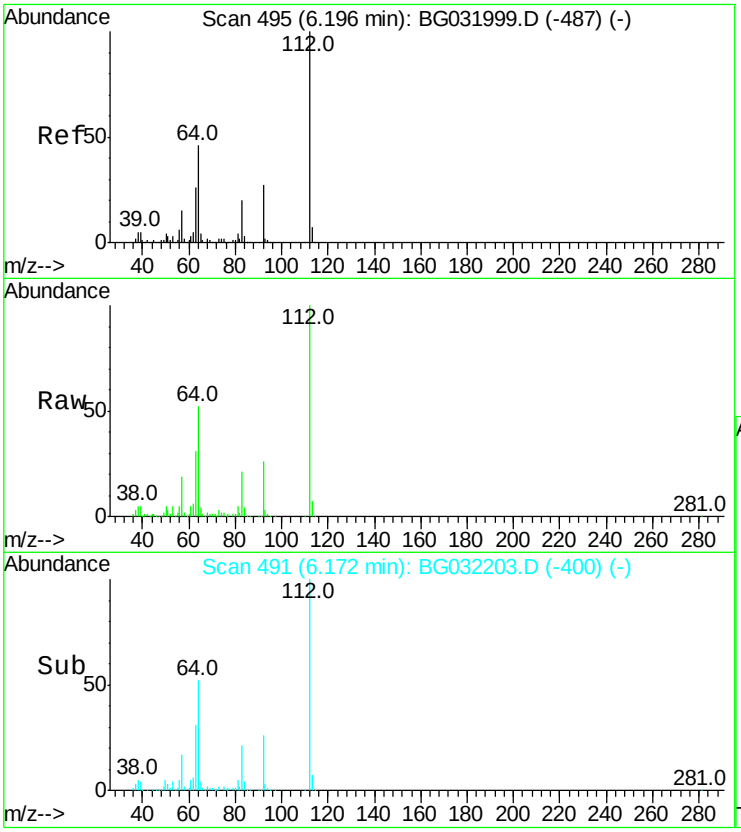


#4
n-Nitrosodimethylamine
Concen: 3.037 ng
RT: 4.19 min Scan# 154
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion: 42 Resp: 2587

Ion	Ratio	Lower	Upper
42	100		
74	0.0	102.5	153.7#
44	62.0	18.9	28.3#



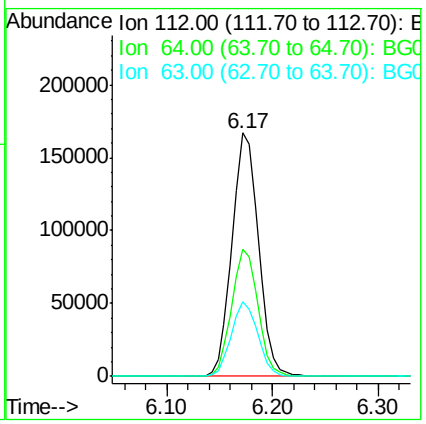


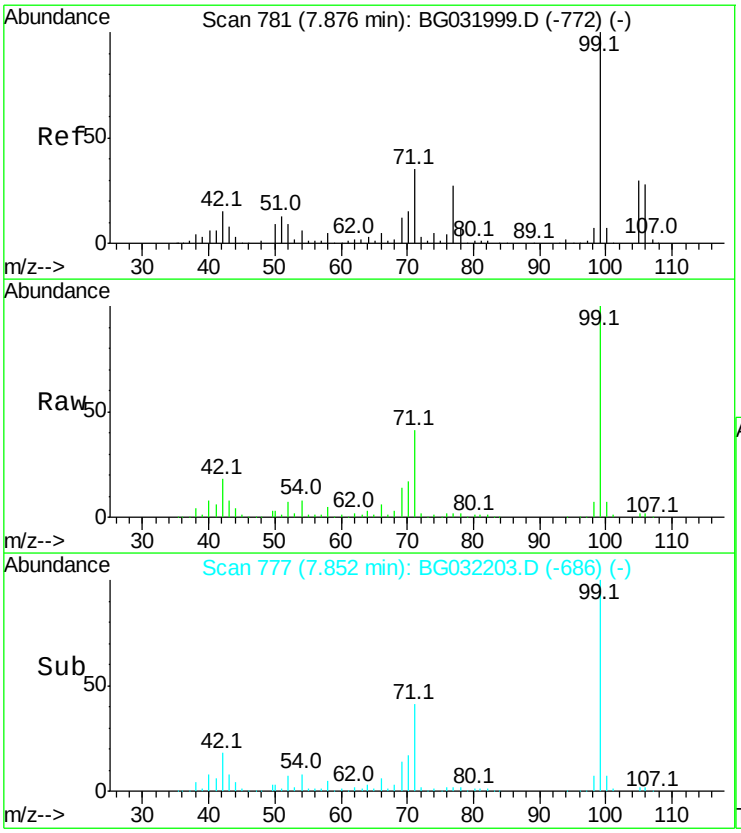
#5
2-Fluorophenol
Concen: 121.932 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 288333

Ion	Ratio	Lower	Upper
112	100		
64	52.1	56.3	84.5#
63	30.5	30.1	45.1

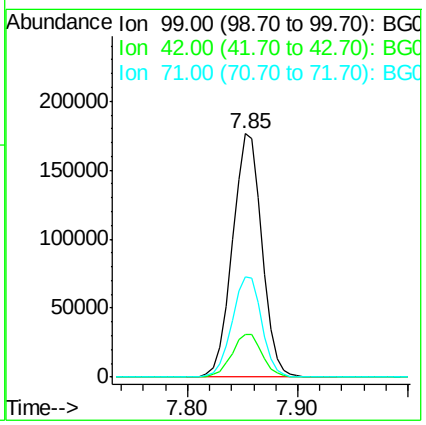


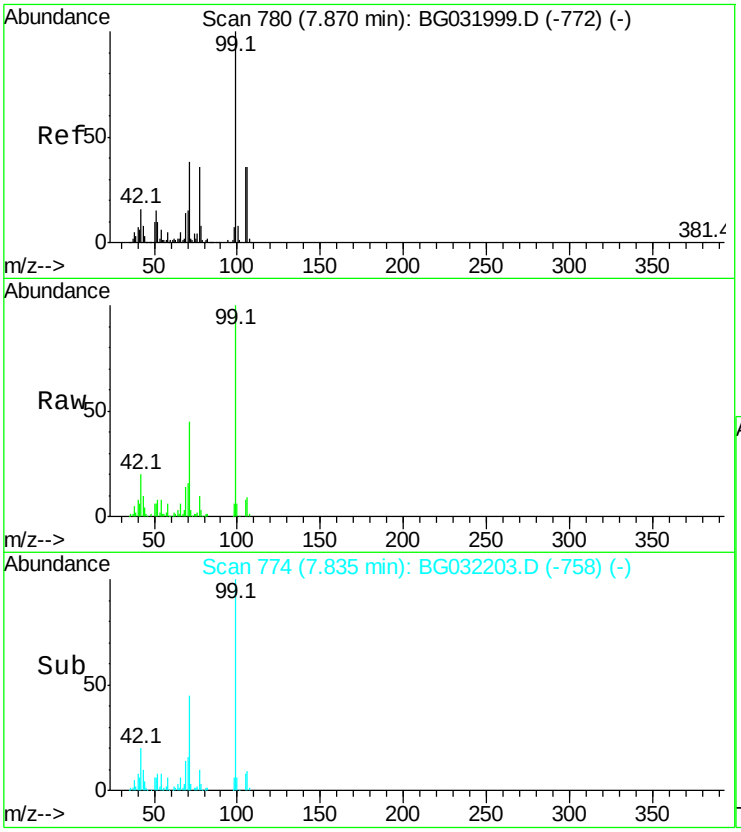


#7
Phenol-d6
Concen: 111.146 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion: 99 Resp: 331015

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.1	21.1
71	41.3	26.1	39.1#



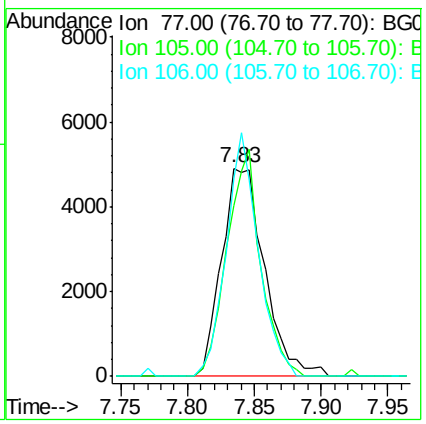


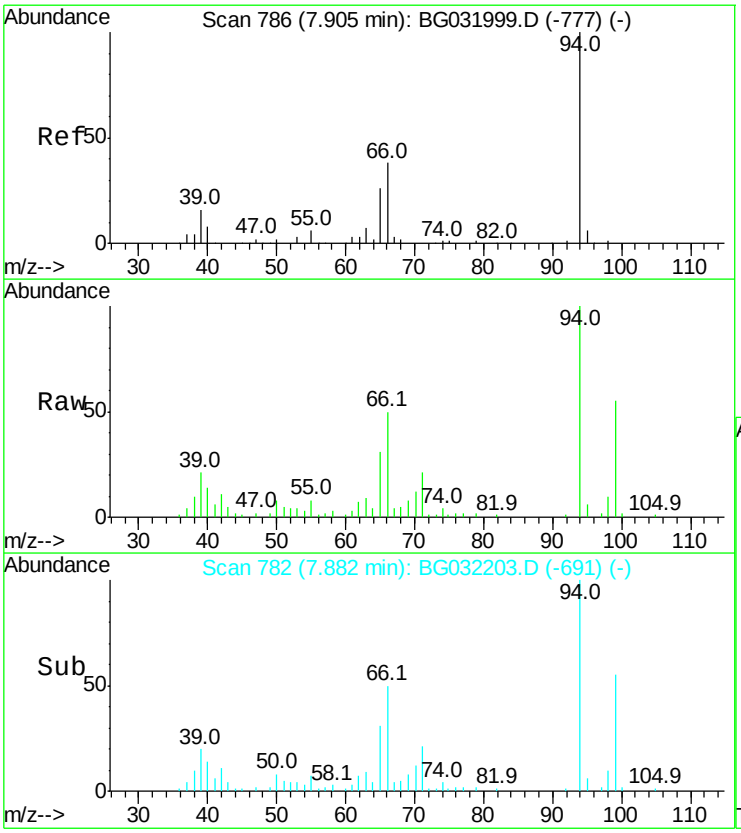
#9
Benzaldehyde
Concen: 6.369 ng
RT: 7.83 min Scan# 774
Delta R.T. -0.01 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 10990

Ion	Ratio	Lower	Upper
77	100		
105	81.8	71.3	111.3
106	94.8	64.2	104.2

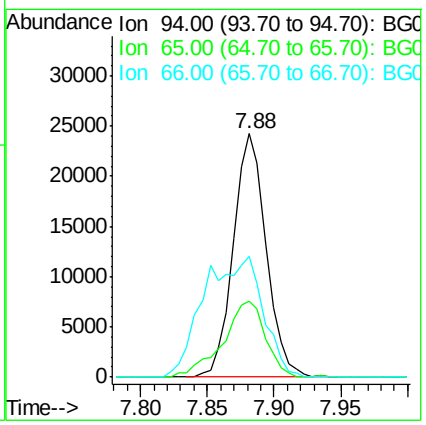


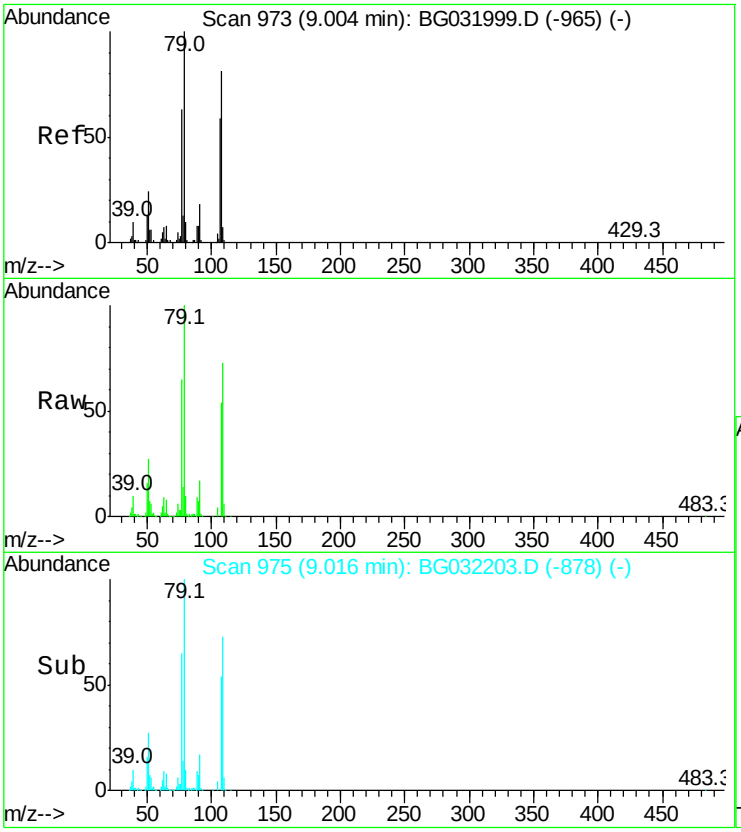


#10
Phenol
Concen: 14.056 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion: 94 Resp: 41238

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.9	51.9
66	49.6	22.2	62.2



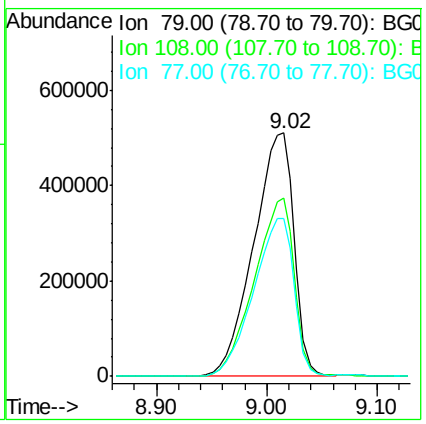


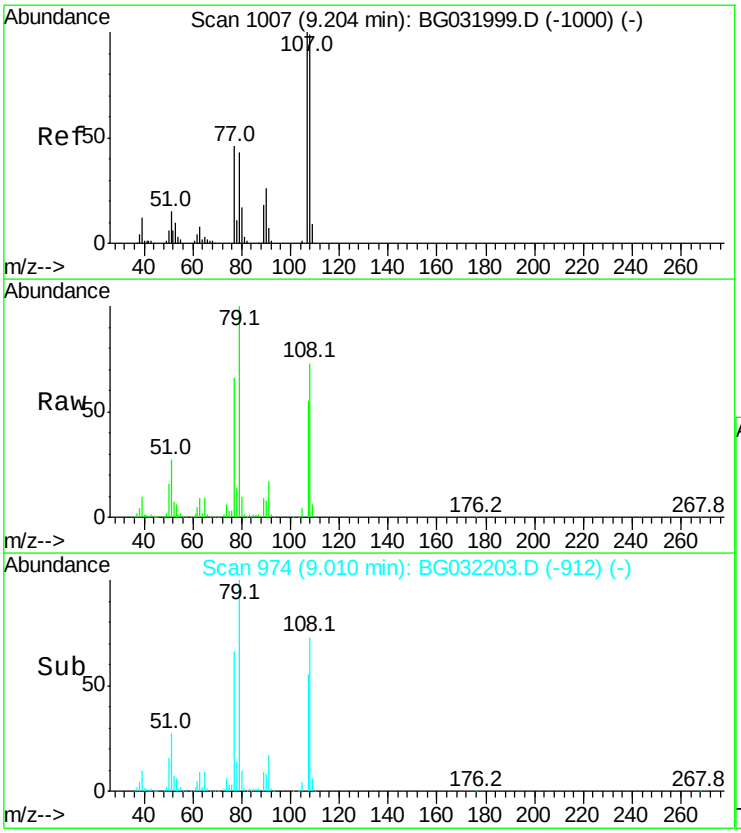
#15
Benzyl Alcohol
Concen: 604.497 ng
RT: 9.02 min Scan# 975
Delta R.T. 0.04 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 1307856

Ion	Ratio	Lower	Upper
79	100		
108	73.3	57.2	85.8
77	64.6	46.1	69.1

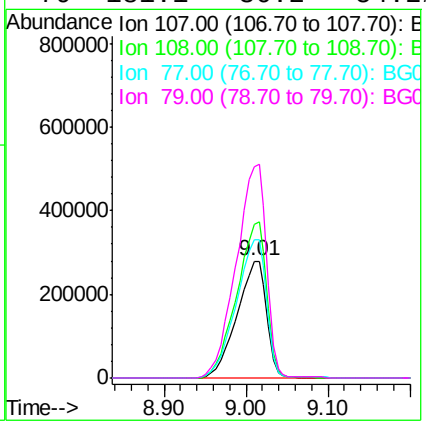


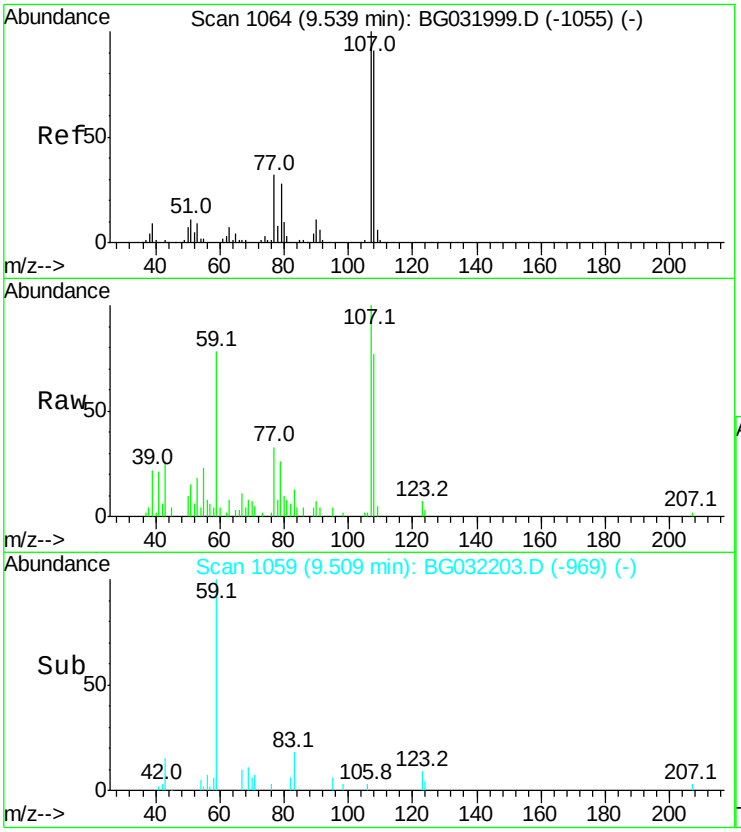


#17
2-Methylphenol
Concen: 314.111 ng
RT: 9.01 min Scan# 974
Delta R.T. -0.17 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:107 Resp: 704256

Ion	Ratio	Lower	Upper
107	100		
108	131.5	83.9	125.9#
77	118.7	37.2	55.8#
79	181.1	36.2	54.2#



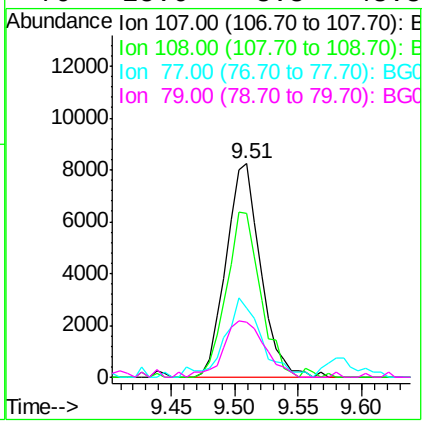


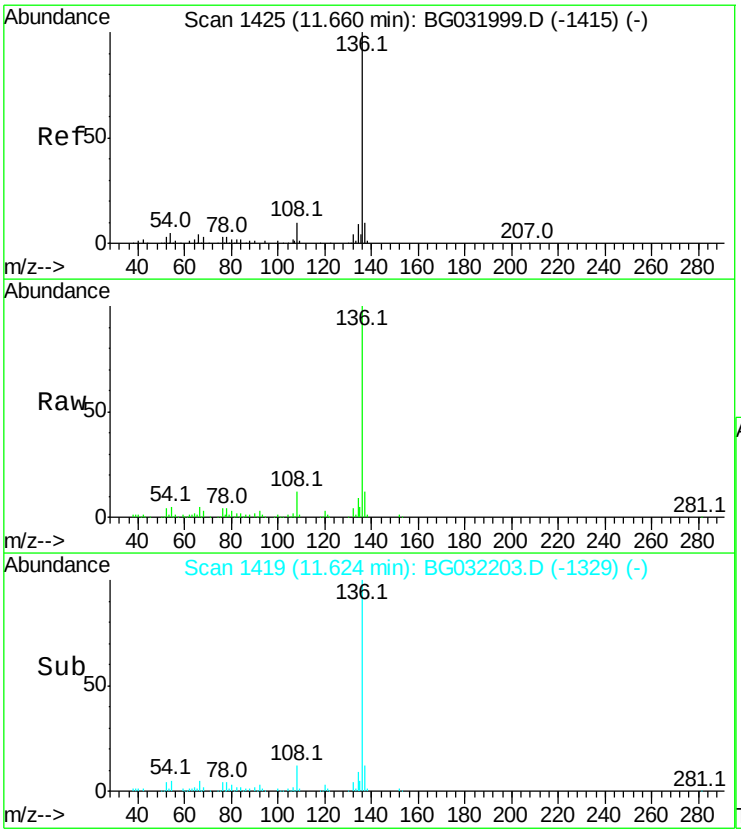
#20
3+4-Methylphenols
Concen: 5.017 ng
RT: 9.51 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 15582

Ion	Ratio	Lower	Upper
107	100		
108	76.6	61.6	101.6
77	32.7	13.9	53.9
79	25.6	8.8	48.8

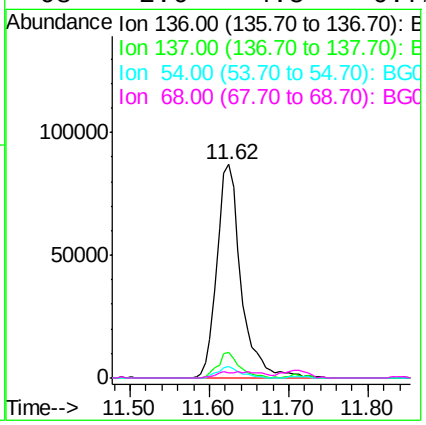


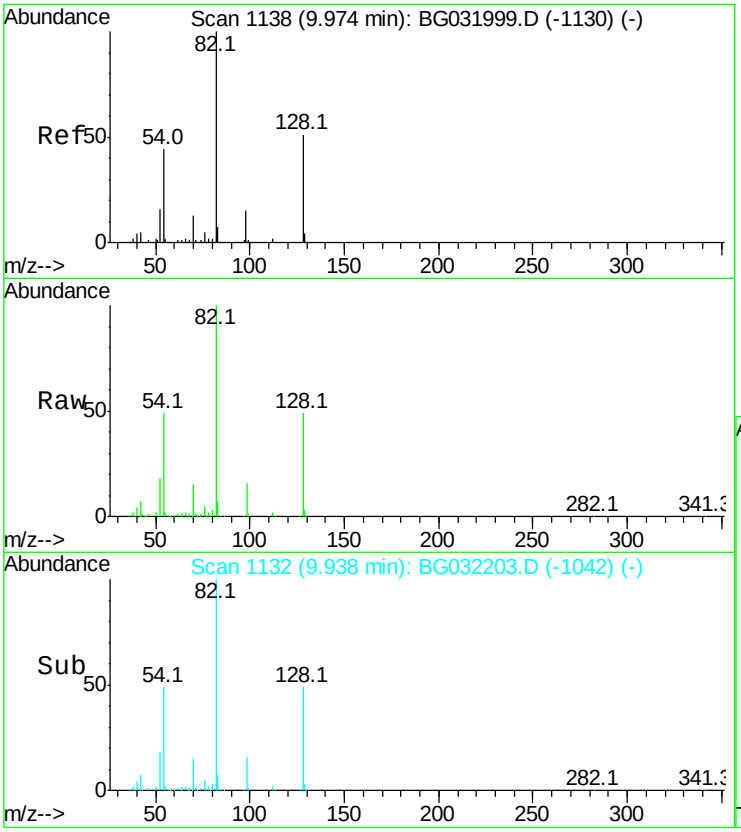


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.62 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:136 Resp: 183427

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	5.2	10.3	15.5#
68	2.6	4.5	6.7#



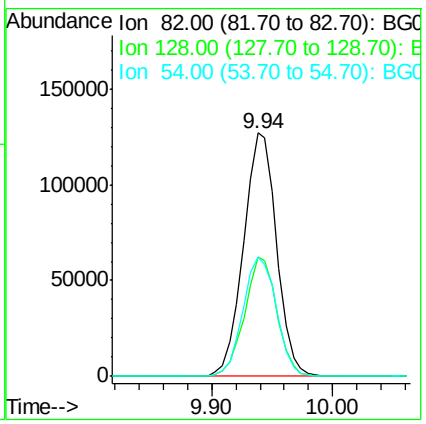


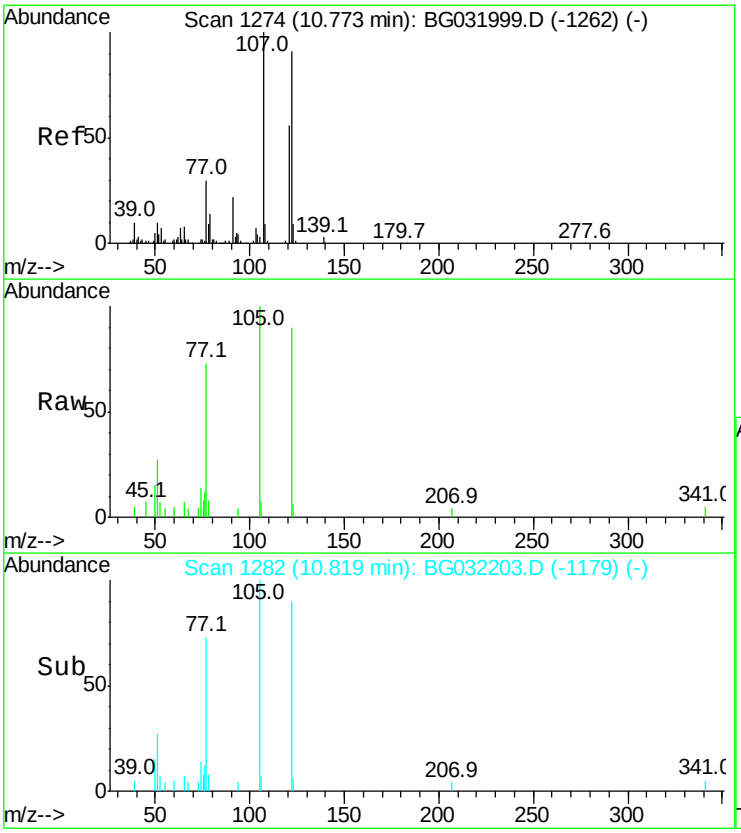
#23
Nitrobenzene-d5
Concen: 89.313 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 242148

Ion	Ratio	Lower	Upper
82	100		
128	49.0	29.7	44.5#
54	49.2	43.1	64.7

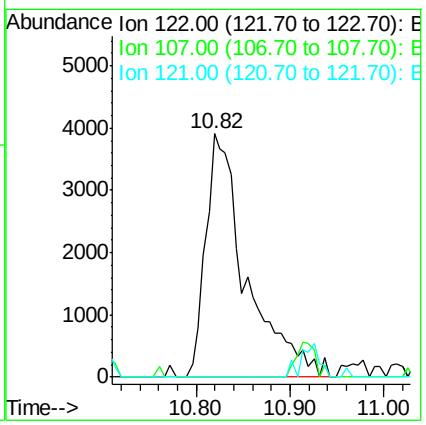


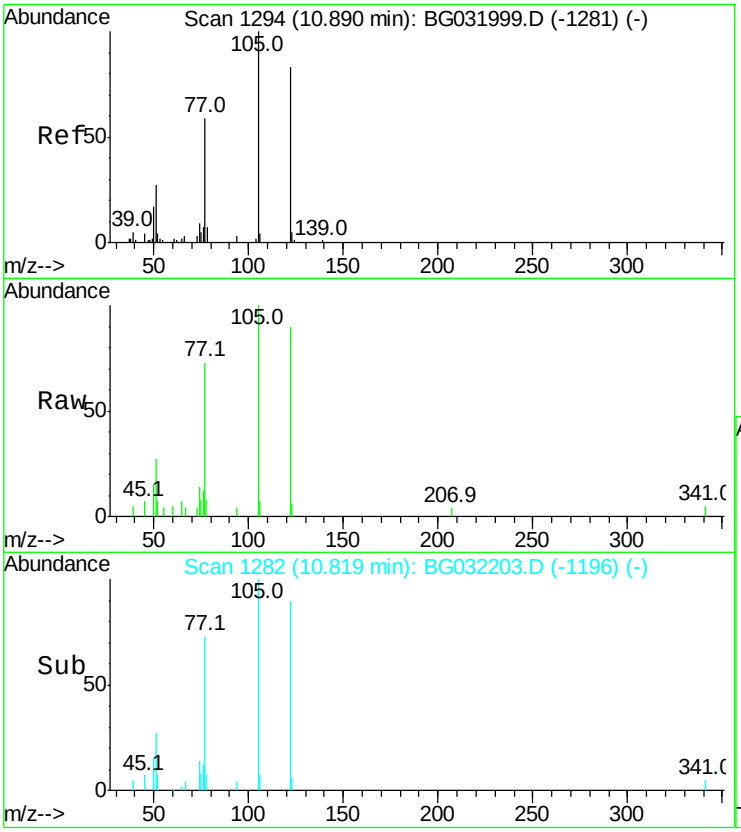


#27
2,4-Dimethylphenol
Concen: 4.611 ng
RT: 10.82 min Scan# 1282
Delta R.T. 0.07 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:122 Resp: 11726

Ion	Ratio	Lower	Upper
122	100		
107	0.0	100.2	150.2#
121	0.0	44.4	66.6#



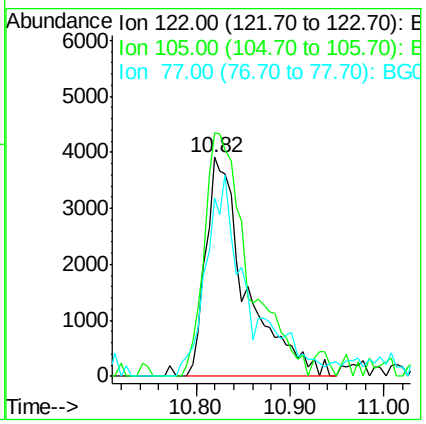


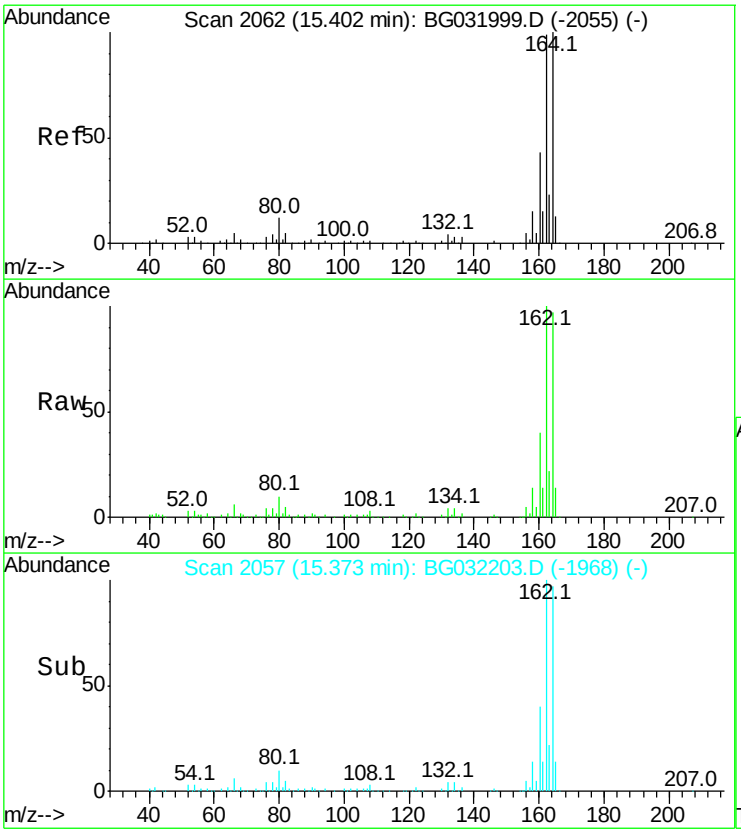
#32
Benzoic acid
Concen: 10.375 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:122 Resp: 11726

Ion	Ratio	Lower	Upper
122	100		
105	111.1	123.5	163.5#
77	81.2	85.7	125.7#

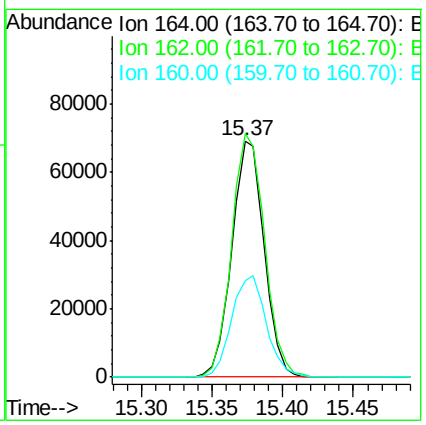


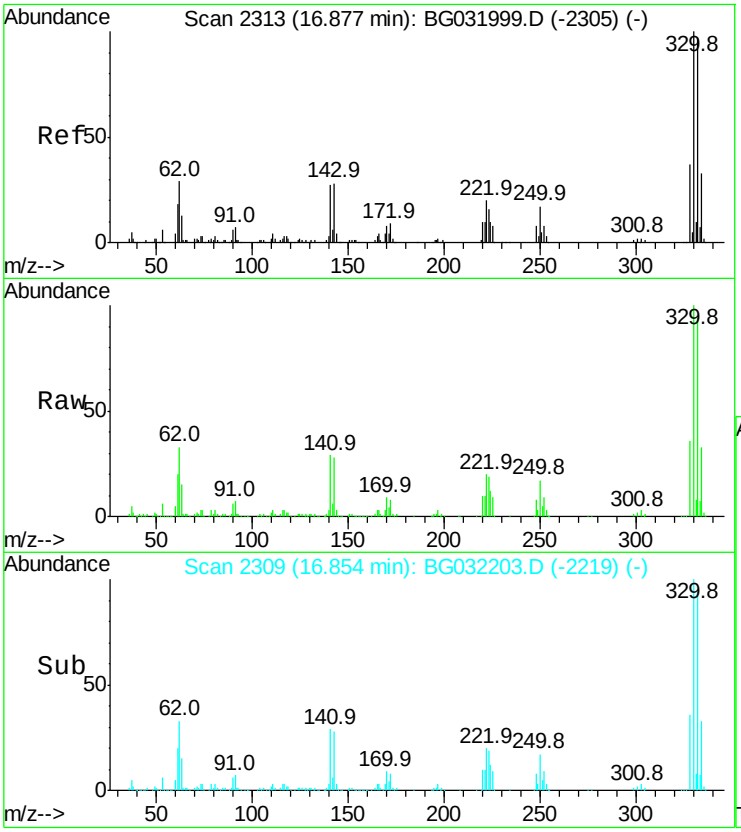


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:164 Resp: 110000

Ion	Ratio	Lower	Upper
164	100		
162	103.0	78.8	118.2
160	40.9	35.4	53.0



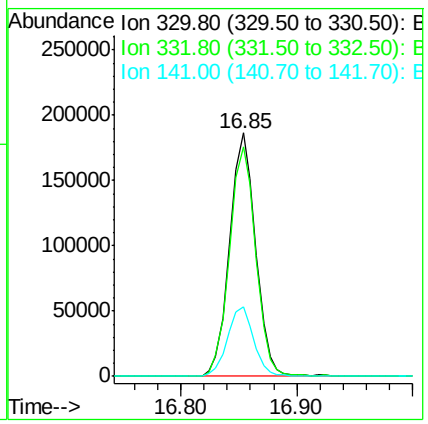


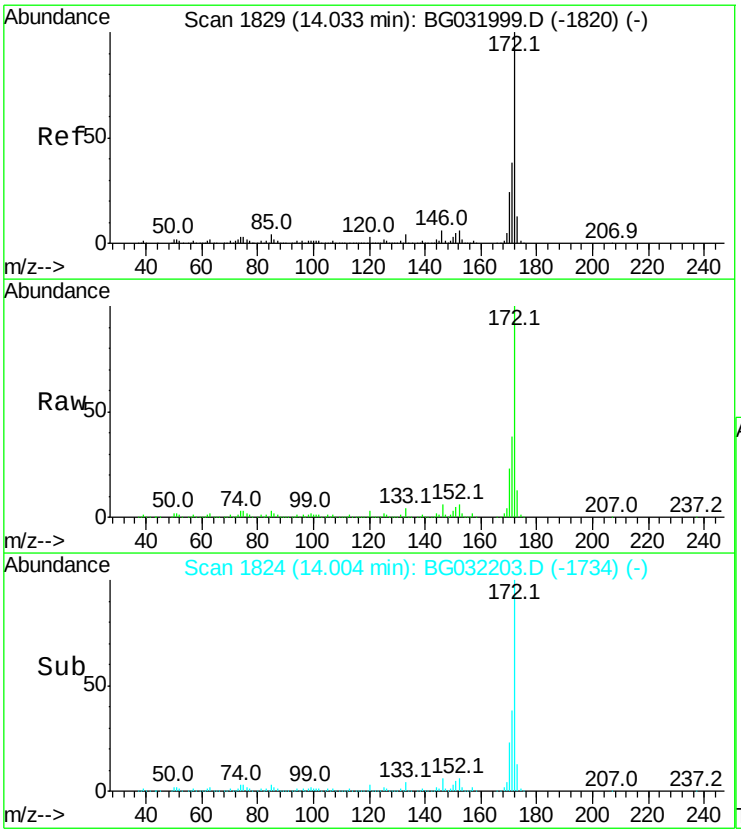
#41
2,4,6-Tribromophenol
Concen: 159.381 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 290112

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	28.9	25.2	37.8

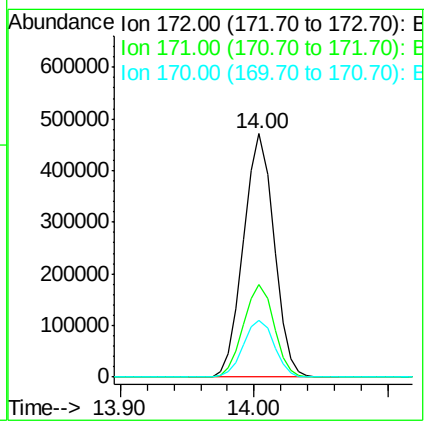


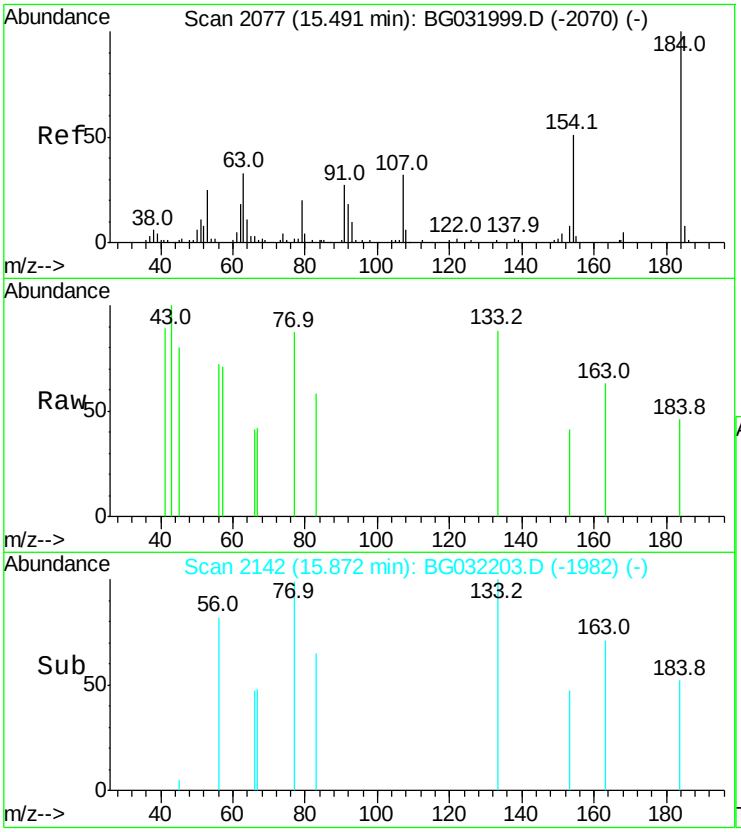


#44
2-Fluorobiphenyl
Concen: 84.140 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:172 Resp: 746431

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.2	19.5	29.3



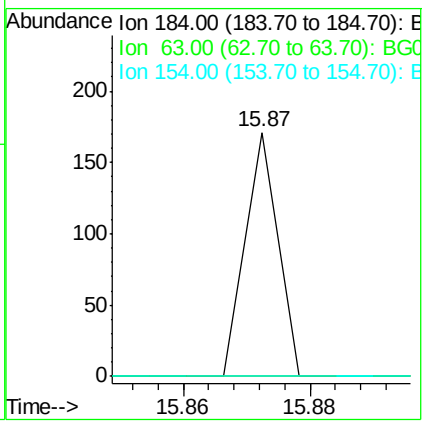


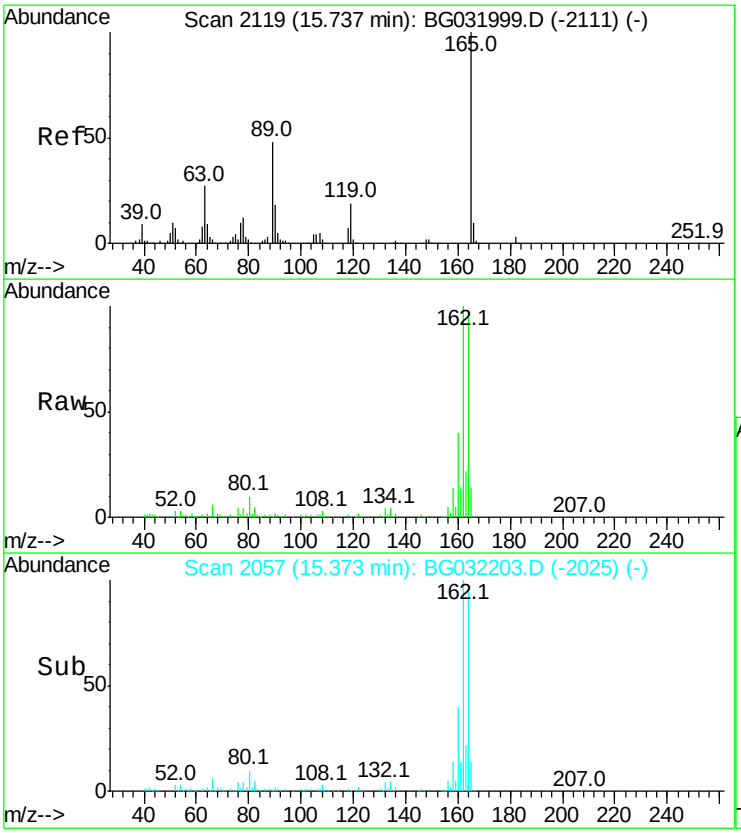
#53
2,4-Dinitrophenol
Concen: 7.018 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.41 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 60

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

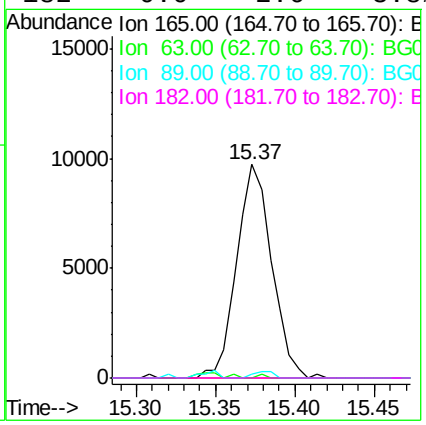


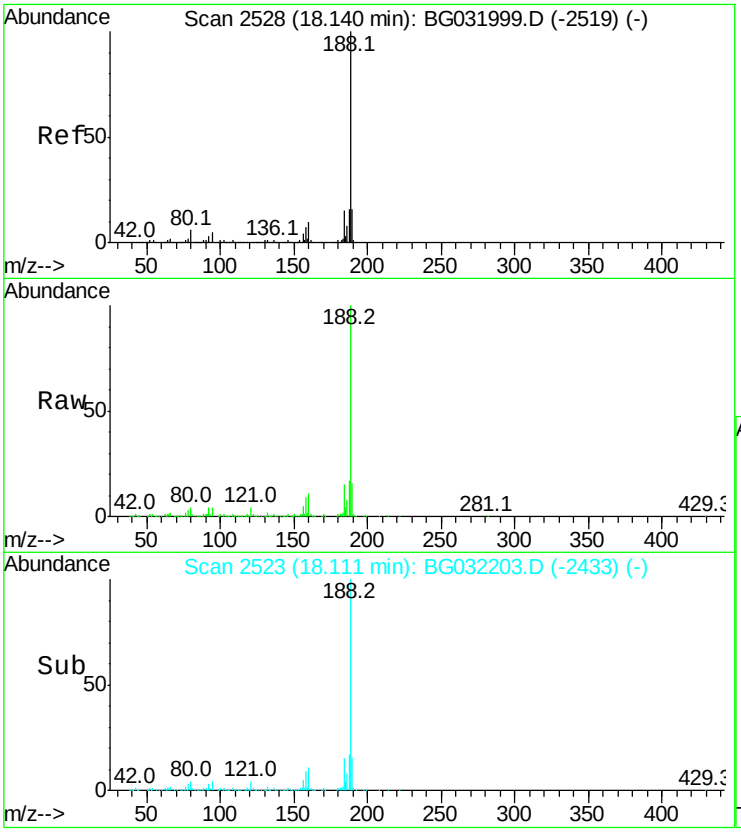


#56
2,4-Dinitrotoluene
Concen: 5.541 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:165 Resp: 14906

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



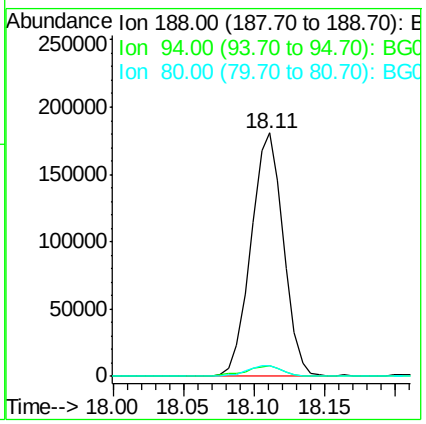


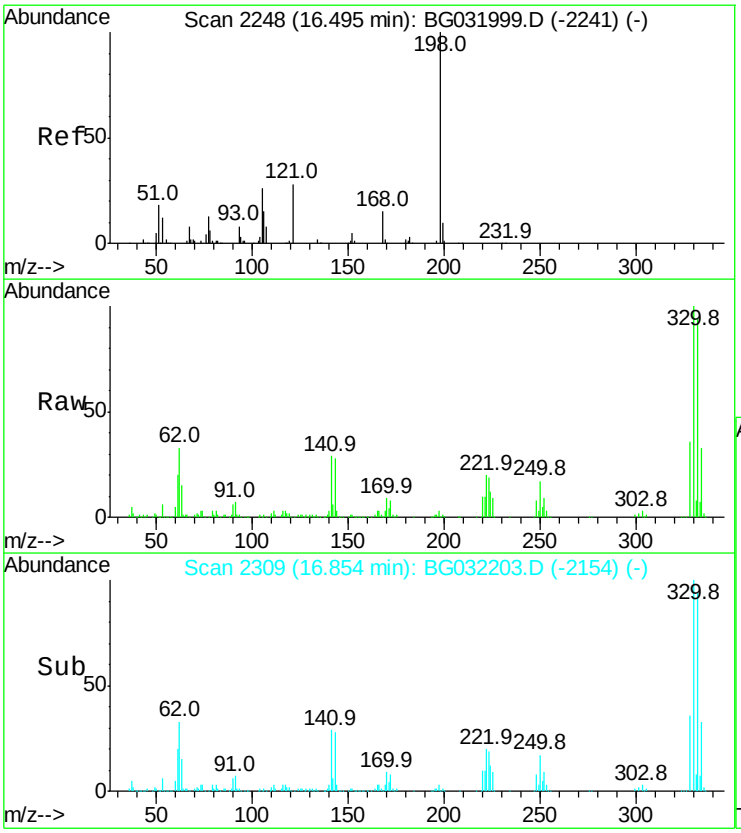
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 291445

Ion	Ratio	Lower	Upper
188	100		
94	4.3	6.9	10.3#
80	4.8	7.7	11.5#

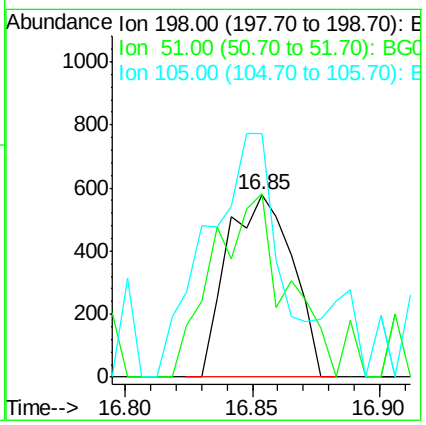


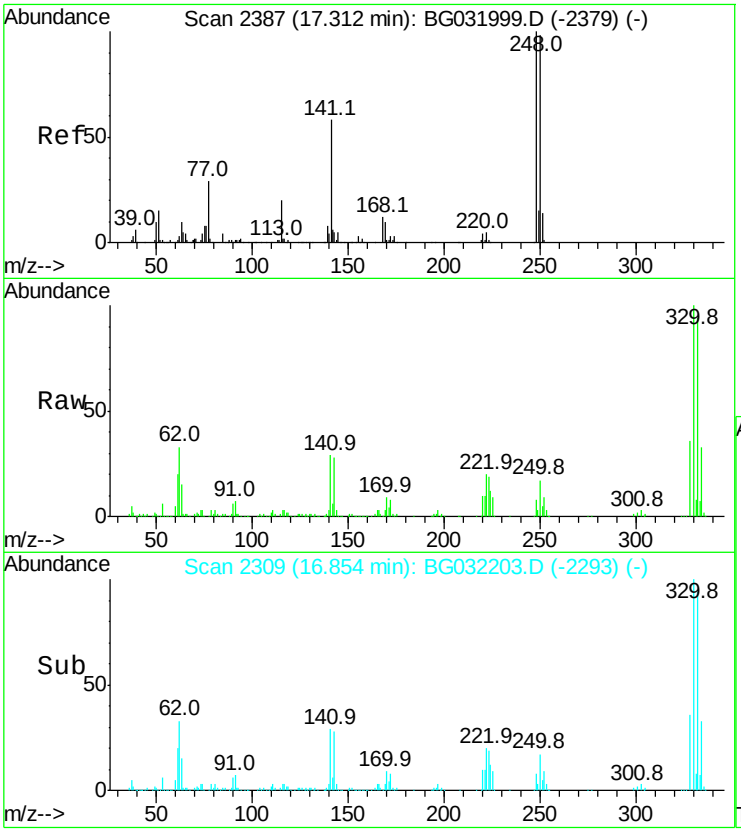


#64
4,6-Dinitro-2-methylphenol
Concen: 5.384 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:198 Resp: 1038

Ion	Ratio	Lower	Upper
198	100		
51	100.9	30.6	70.6#
105	133.4	23.8	63.8#



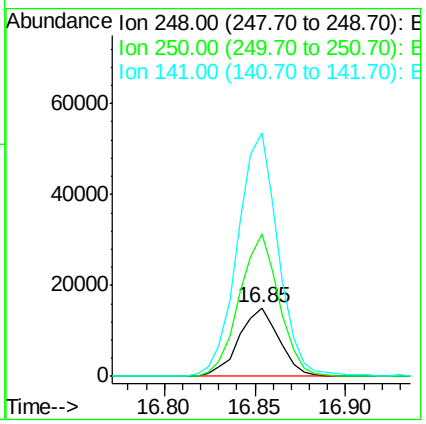


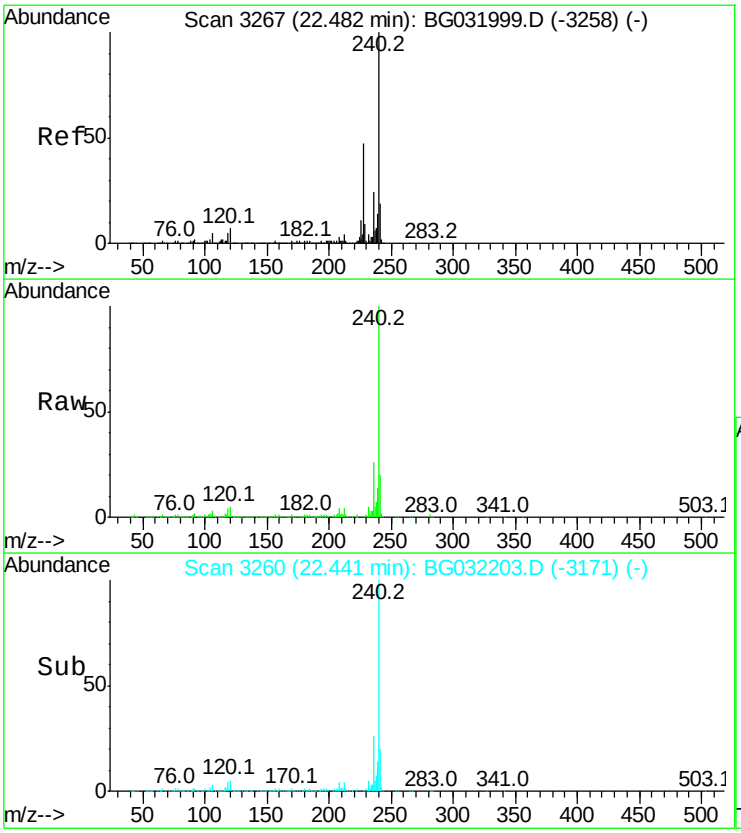
#66
4-Bromophenyl-phenylether
Concen: 5.561 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 23059

Ion	Ratio	Lower	Upper
248	100		
250	207.6	77.1	115.7#
141	355.1	50.8	76.2#

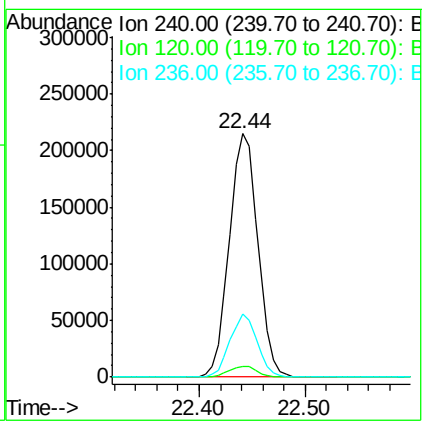


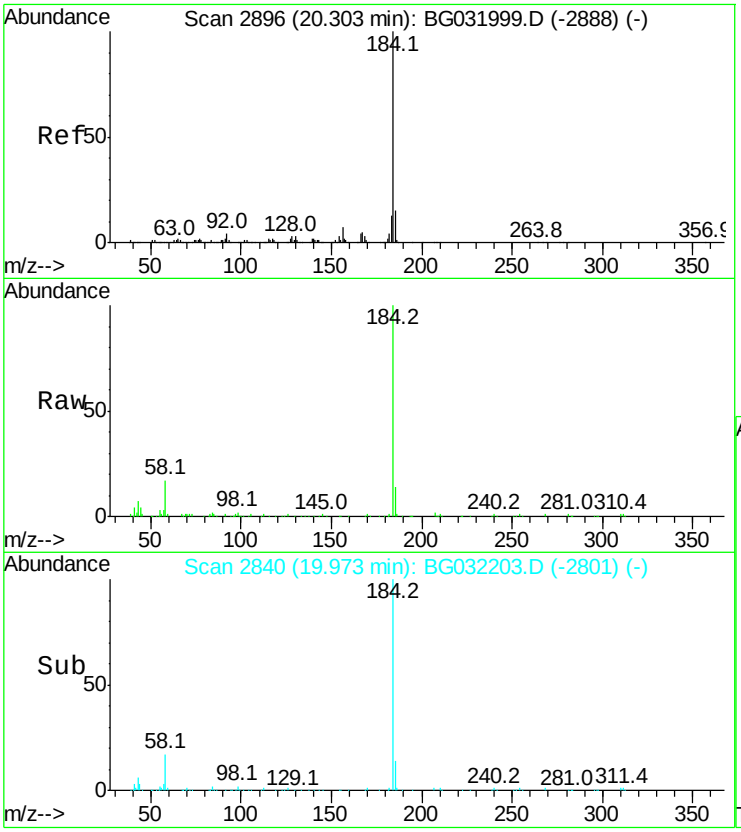


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:240 Resp: 400214

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	26.2	20.9	31.3



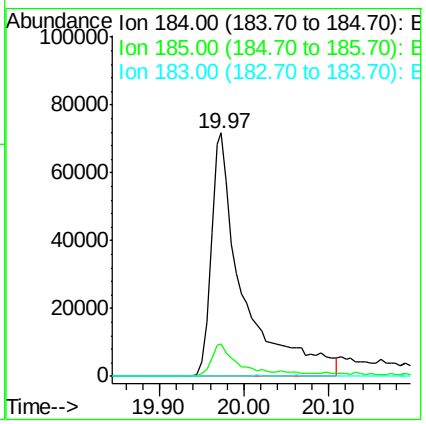


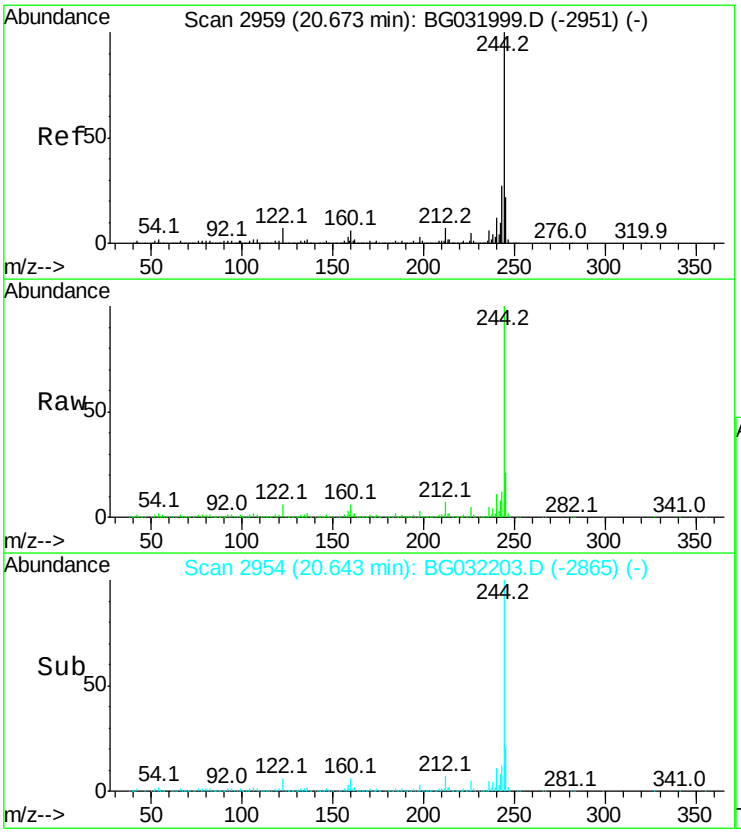
#76
Benzidine
Concen: 18.924 ng
RT: 19.97 min Scan# 2840
Delta R.T. -0.30 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 189391

Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.1	16.7
183	0.0	10.6	16.0#

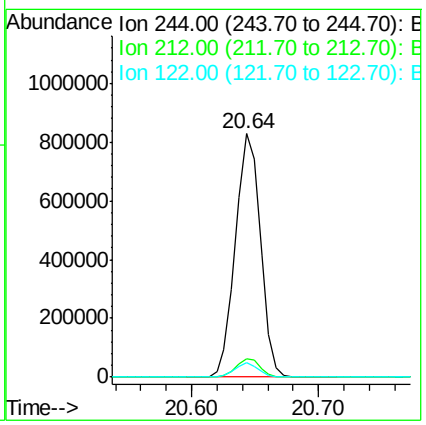


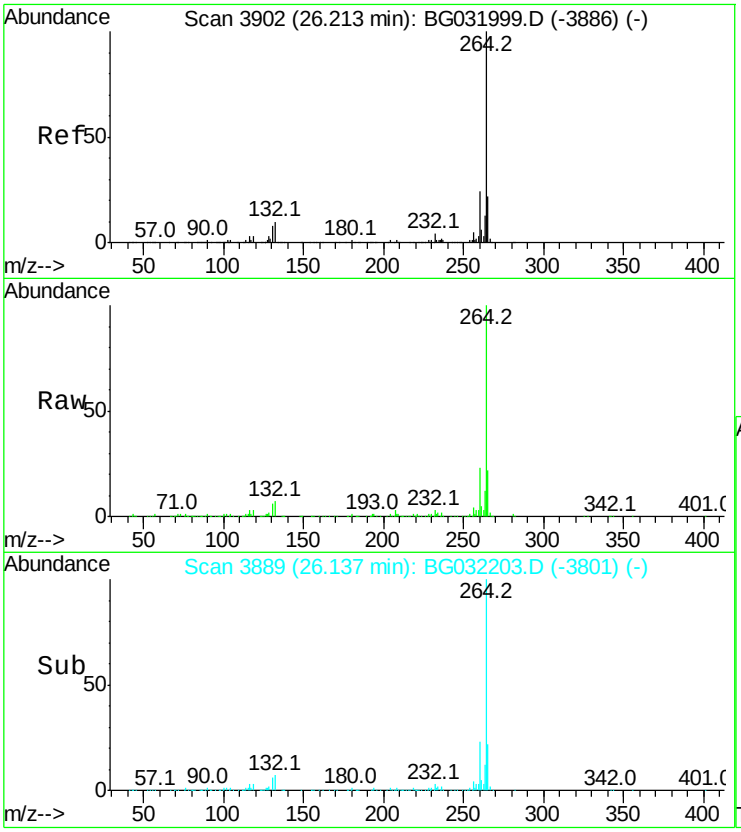


#78
Terphenyl-d14
Concen: 62.184 ng
RT: 20.64 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Tgt Ion:244 Resp: 1127095

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3889
Delta R.T. -0.01 min
Lab File: BG032203.D
Acq: 21 Jan 2018 6:34

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 433916

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	17.7	26.5