Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032232.D
Acq On : 23 Jan 2018 15:22
Operator : SJ/JU
Sample : J1239-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 24 02:56:15 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	8.73	152	47149	20.00	ng		-0.01
21) Naphthalene-d8	11.61	136	195587	20.00	ng		-0.02
38) Acenaphthene-d10	15.36	164	137805	20.00	ng		-0.02
63) Phenanthrene-d10	18.10	188	339915	20.00	ng		-0.02
75) Chrysene-d12	22.43	240	439566	20.00	ng		-0.02
86) Perylene-d12	26.12	264	464539	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	332915	129.14	ng		0.00
7) Phenol-d6	7.84	99	392526	120.90	ng		0.00
23) Nitrobenzene-d5	9.93	82	281690	97.44	ng		-0.01
41) 2,4,6-Tribromophenol	16.84	330	331610	145.42	ng		-0.02
44) 2-Fluorobiphenyl	13.99	172	949591	85.44	ng		-0.02
78) Terphenyl-d14	20.63	244	1866222	93.74	ng		-0.02
Target Compounds							Qvalue
10) Phenol	7.87	94	88646	27.717	ng		97
17) 2-Methylphenol	9.17	107	32899	13.460	ng		93
19) n-Nitroso-di-n-propylamine	9.93	70	41853	20.776	ng	#	77
20) 3+4-Methylphenols	9.50	107	105450	31.142	ng		90
27) 2,4-Dimethylphenol	10.73	122	18165	6.699	ng		93
31) Naphthalene	11.67	128	1403549	144.861	ng		99
32) Benzoic acid	10.73	122	18165	12.693	ng	#	11
33) 4-Chloroaniline	11.67	127	204987	49.337	ng	#	35
37) 2-Methylnaphthalene	13.23	142	107154	13.930	ng		97
48) Acenaphthylene	15.09	152	123156	8.800	ng		99
53) 2,4-Dinitrophenol	15.93	184	55	7.004	ng	#	65
54) Dibenzofuran	15.75	168	46709	3.384	ng		97
56) 2,4-Dinitrotoluene	15.36	165	17000	5.045	ng	#	19
57) Fluorene	16.40	166	61046	5.392	ng		93
64) 4,6-Dinitro-2-methylphenol	16.72	198	54	4.907	ng	#	29
66) 4-Bromophenyl-phenylether	16.84	248	28012	5.792	ng	#	1
70) Phenanthrene	18.14	178	135556	7.163	ng		99
71) Anthracene	18.14	178	135556	7.182	ng		99
72) Carbazole	18.49	167	192192	11.737	ng		97
76) Benzidine	20.63	184	27288	2.483	ng	#	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032232.D
Acq On : 23 Jan 2018 15:22
Operator : SJ/JU
Sample : J1239-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 24 02:56:15 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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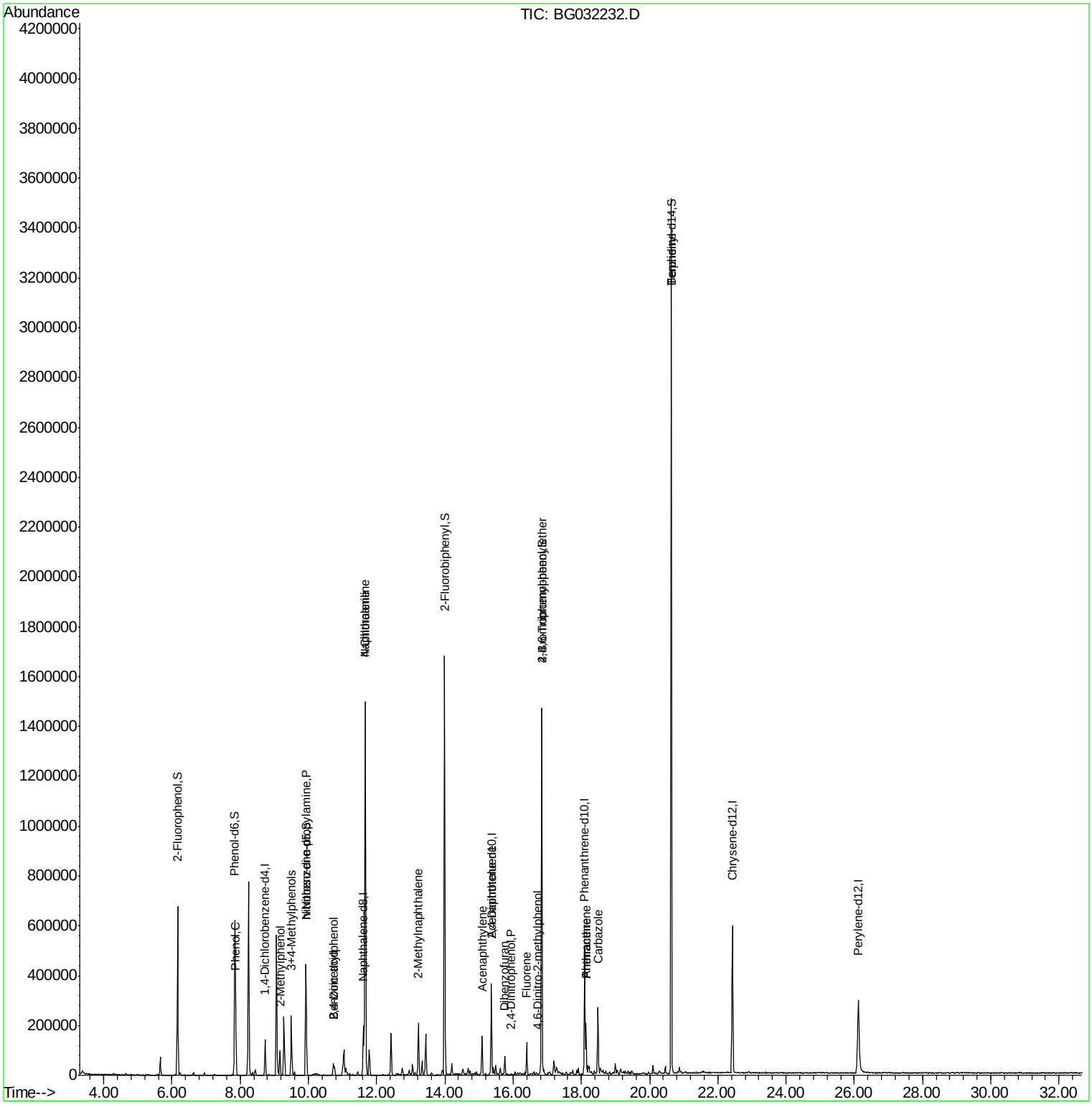
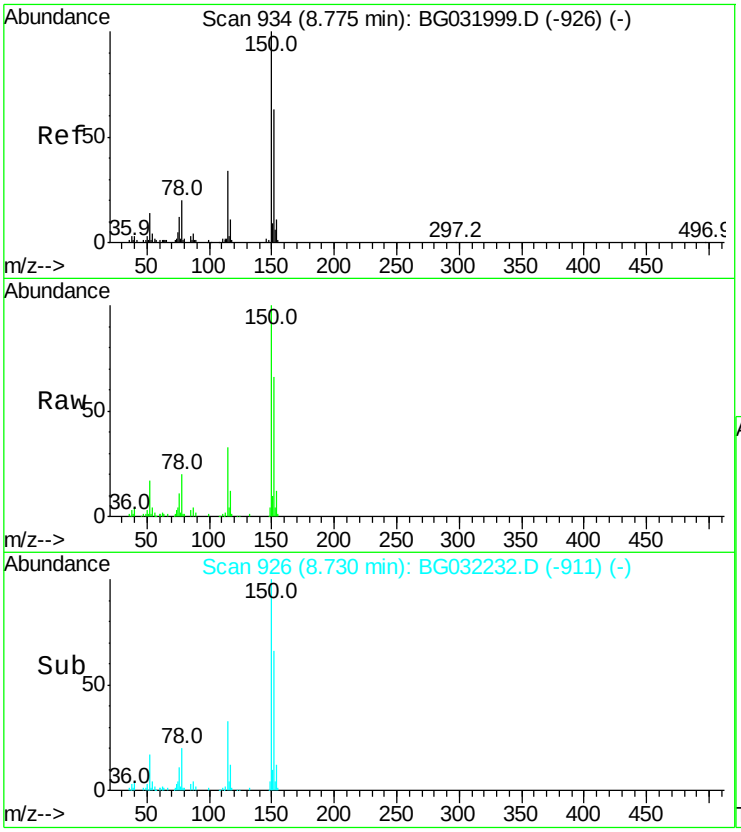
Response via : Initial Calibration



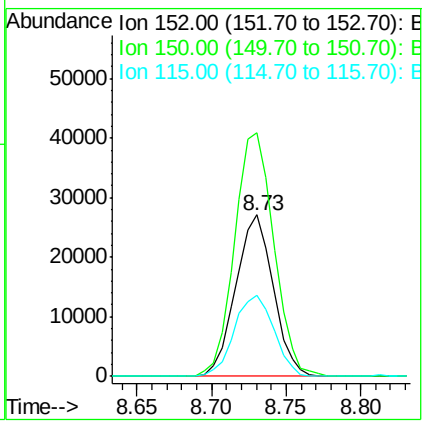


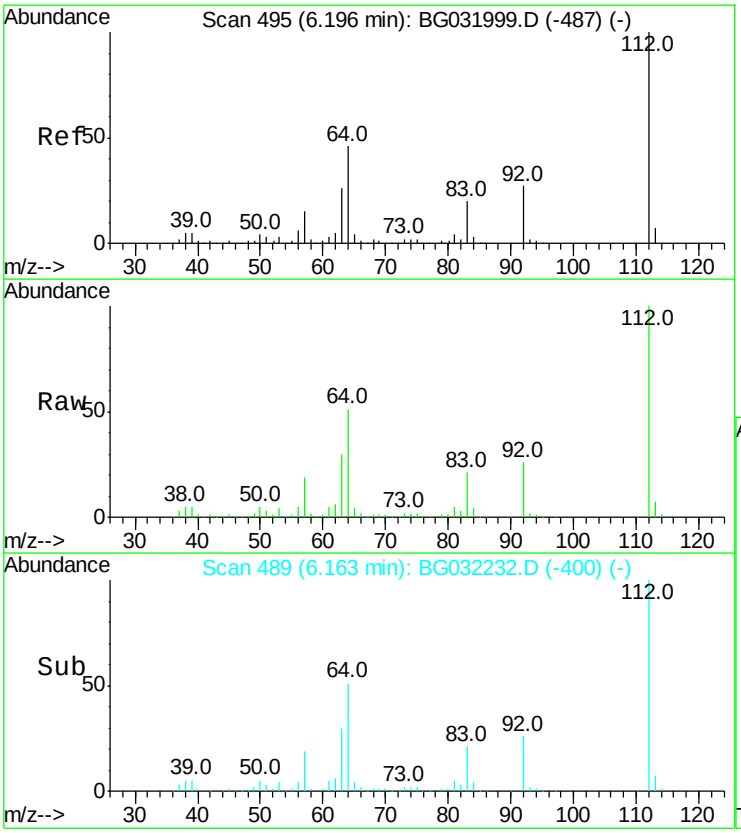
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 47149

Ion	Ratio	Lower	Upper
152	100		
150	151.0	126.6	189.8
115	50.5	53.0	79.4#

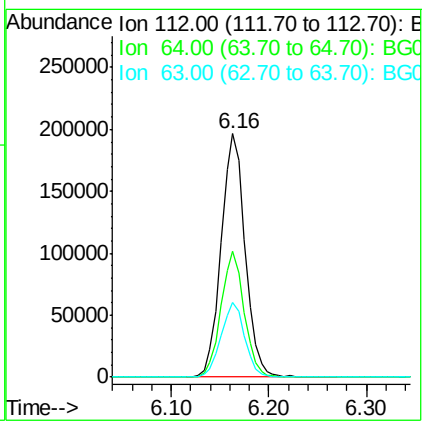


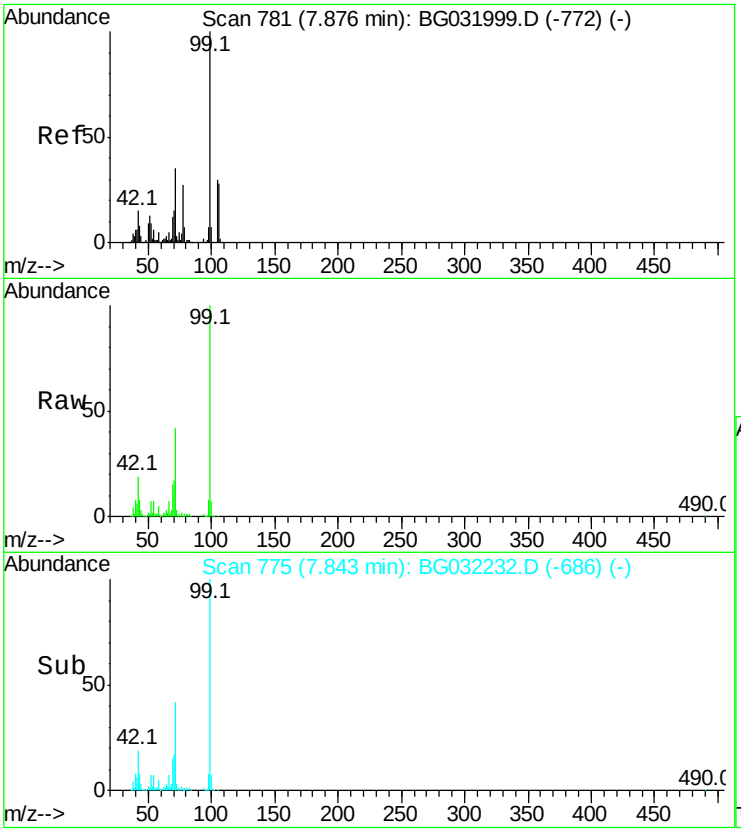


#5
2-Fluorophenol
Concen: 129.139 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:112 Resp: 332915

Ion	Ratio	Lower	Upper
112	100		
64	51.4	56.3	84.5#
63	30.5	30.1	45.1



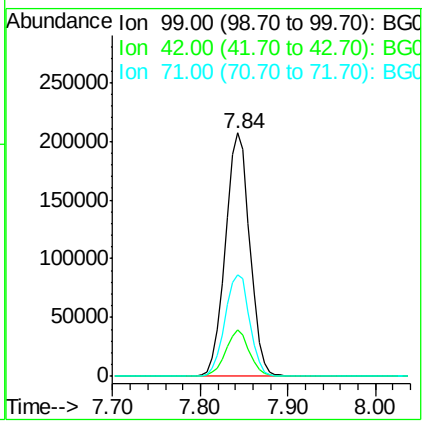


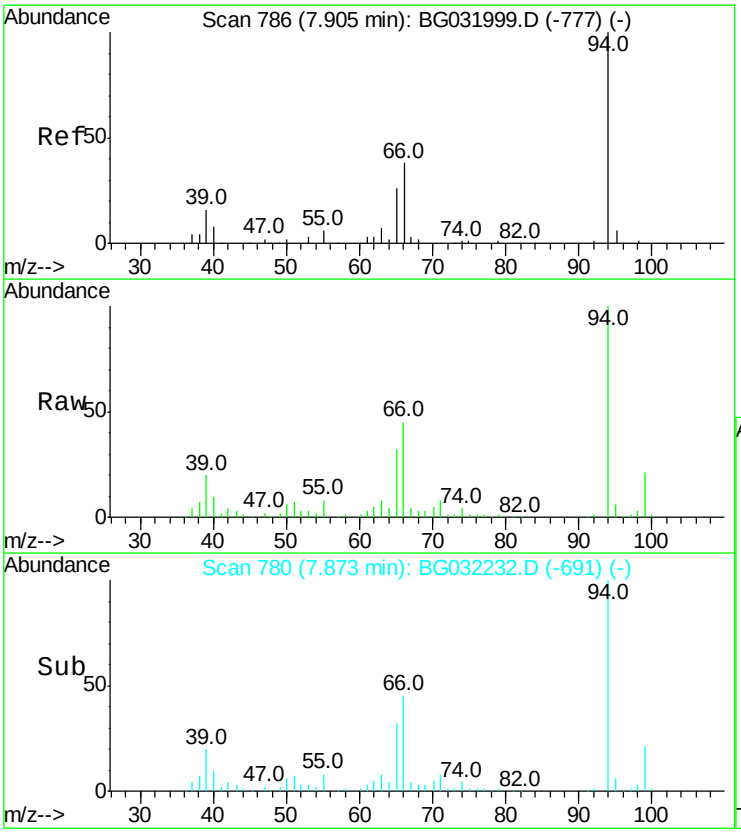
#7
Phenol-d6
Concen: 120.897 ng
RT: 7.84 min Scan# 775
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 392526

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.1	21.1
71	42.0	26.1	39.1#

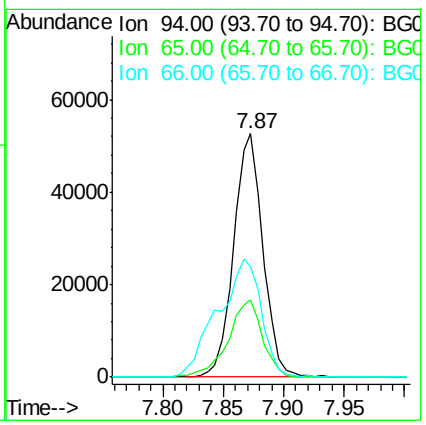


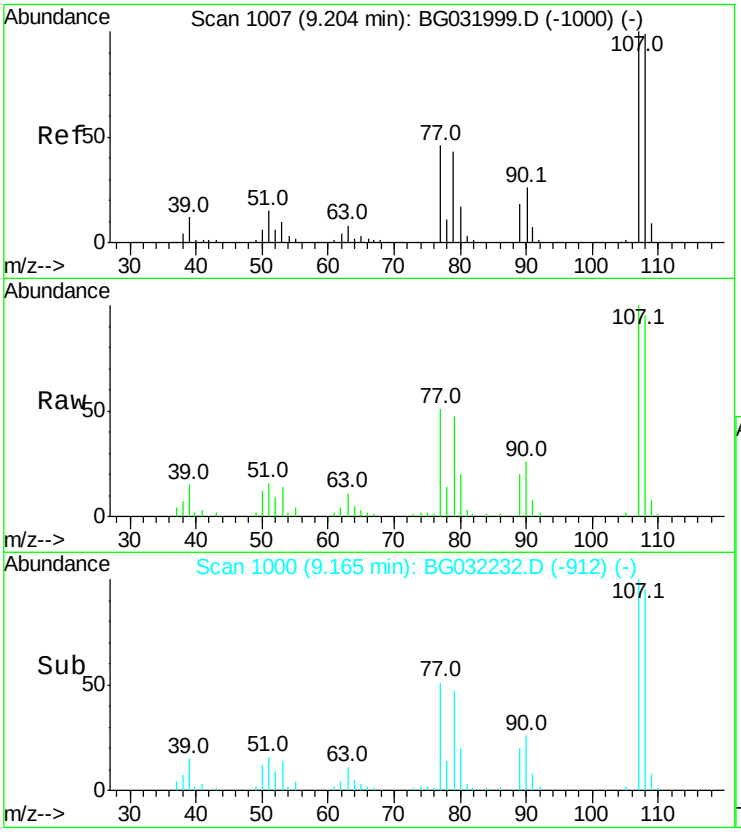


#10
Phenol
Concen: 27.717 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion: 94 Resp: 88646

Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.9	51.9
66	45.1	22.2	62.2



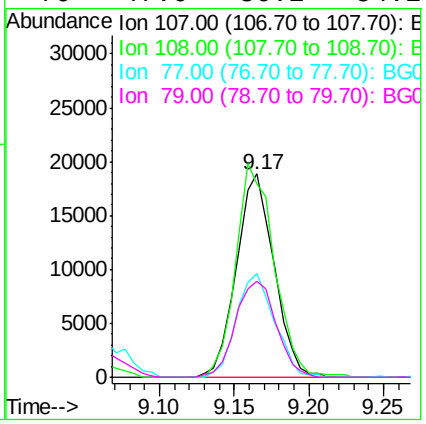


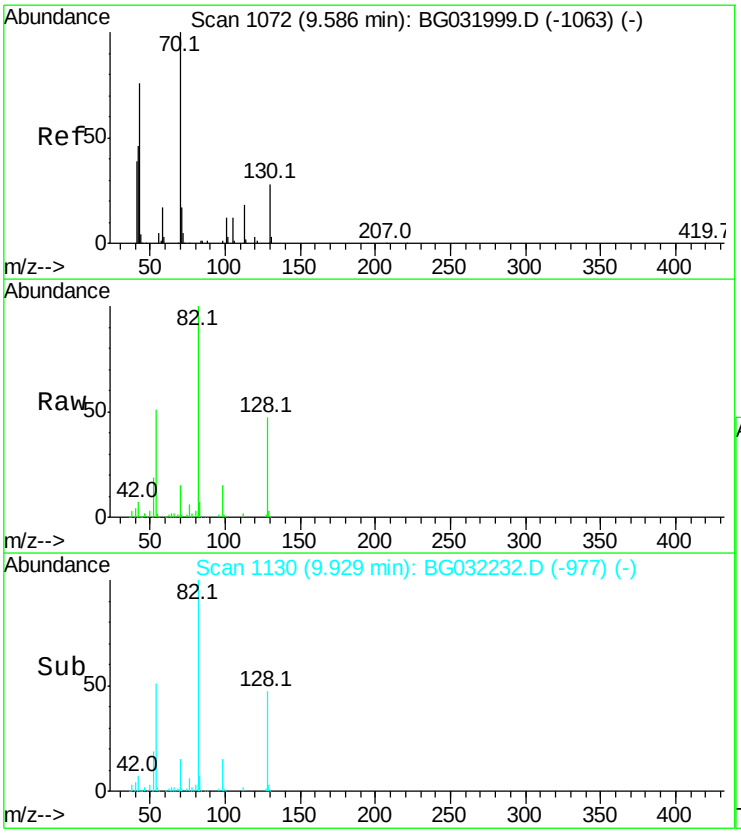
#17
2-Methylphenol
Concen: 13.460 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 32899

Ion	Ratio	Lower	Upper
107	100		
108	95.4	83.9	125.9
77	51.0	37.2	55.8
79	47.0	36.2	54.2

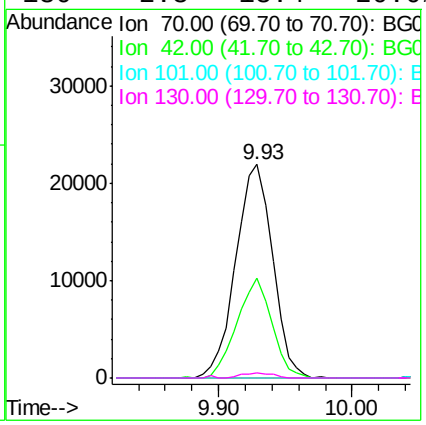


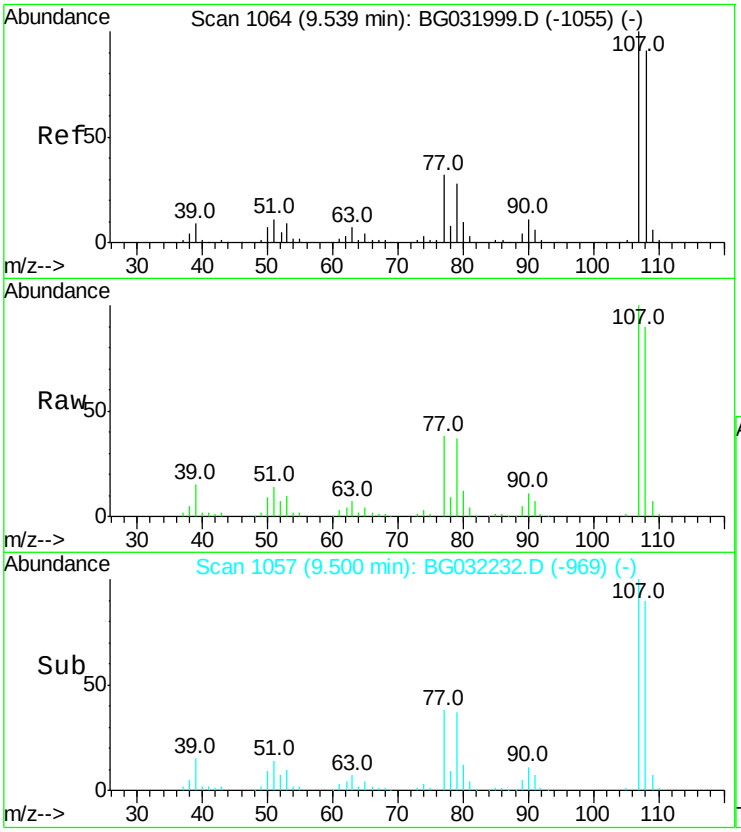


#19
n-Nitroso-di-n-propylamine
Concen: 20.776 ng
RT: 9.93 min Scan# 1130
Delta R.T. 0.37 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion: 70 Resp: 41853

Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.3	13.4	20.0#



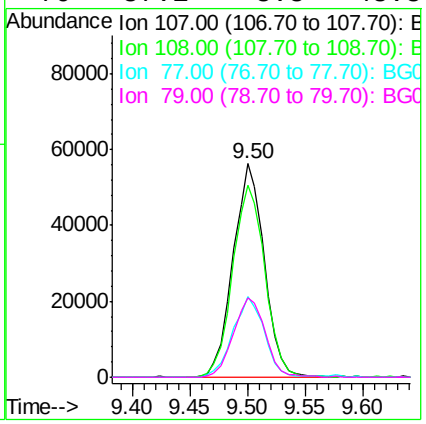


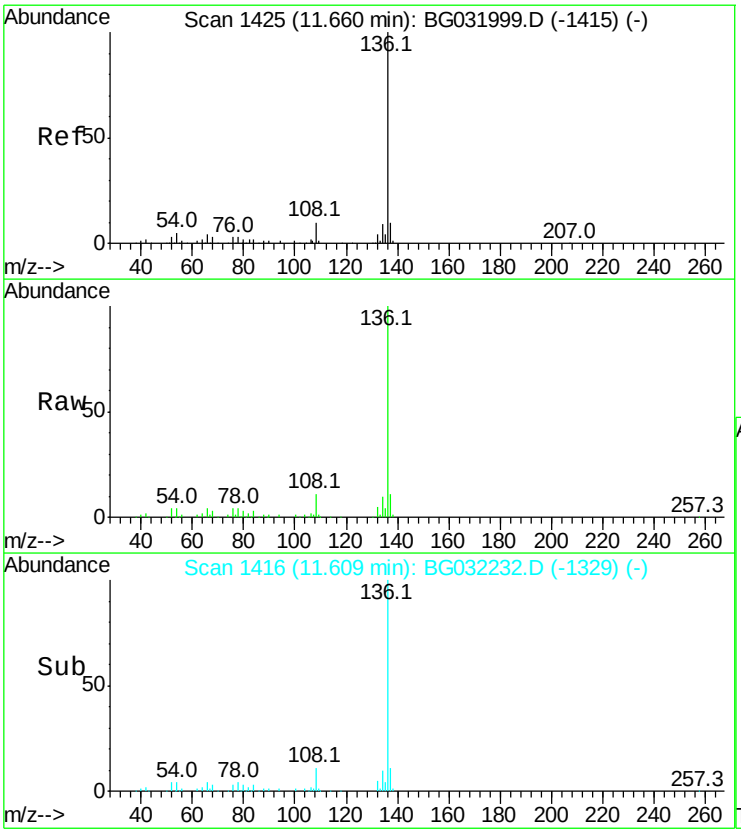
#20
3+4-Methylphenols
Concen: 31.142 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:107 Resp: 105450

Ion	Ratio	Lower	Upper
107	100		
108	90.0	61.6	101.6
77	37.7	13.9	53.9
79	37.1	8.8	48.8

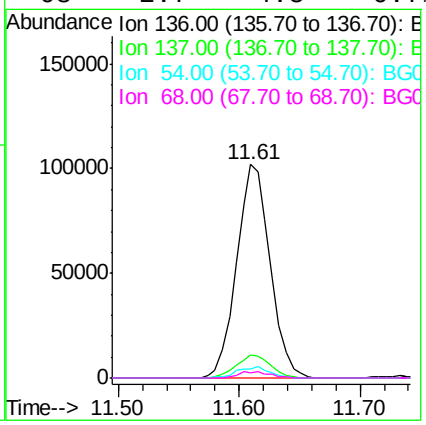


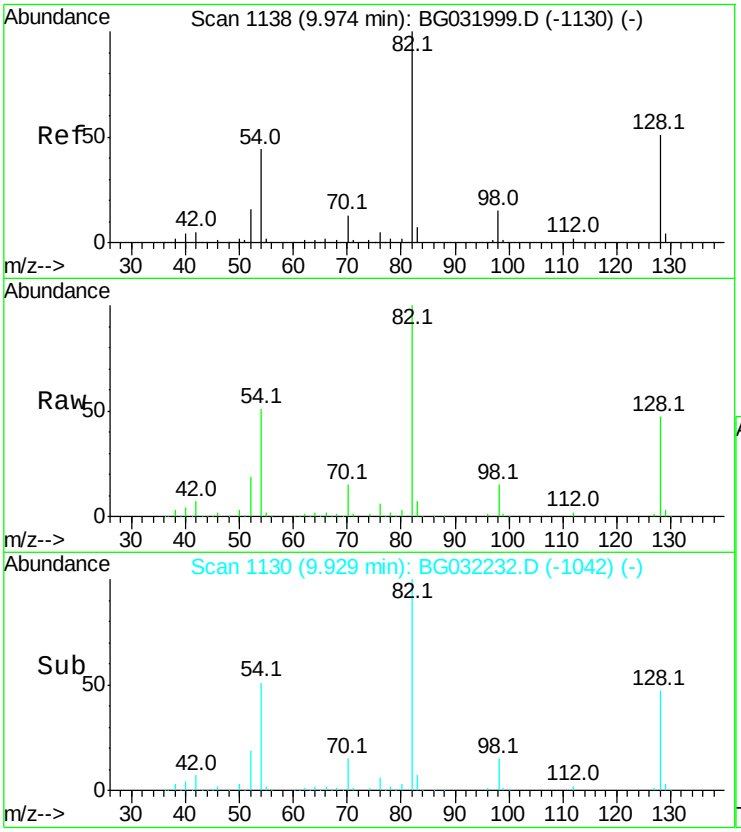


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:136 Resp: 195587

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.4	10.3	15.5#
68	2.7	4.5	6.7#



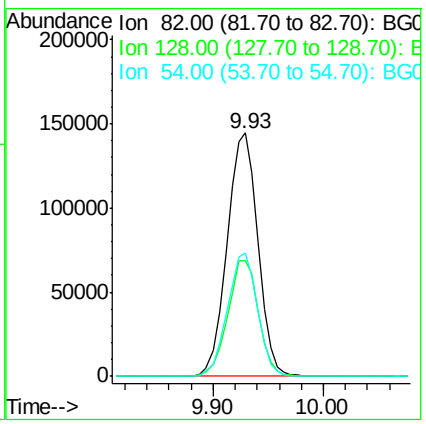


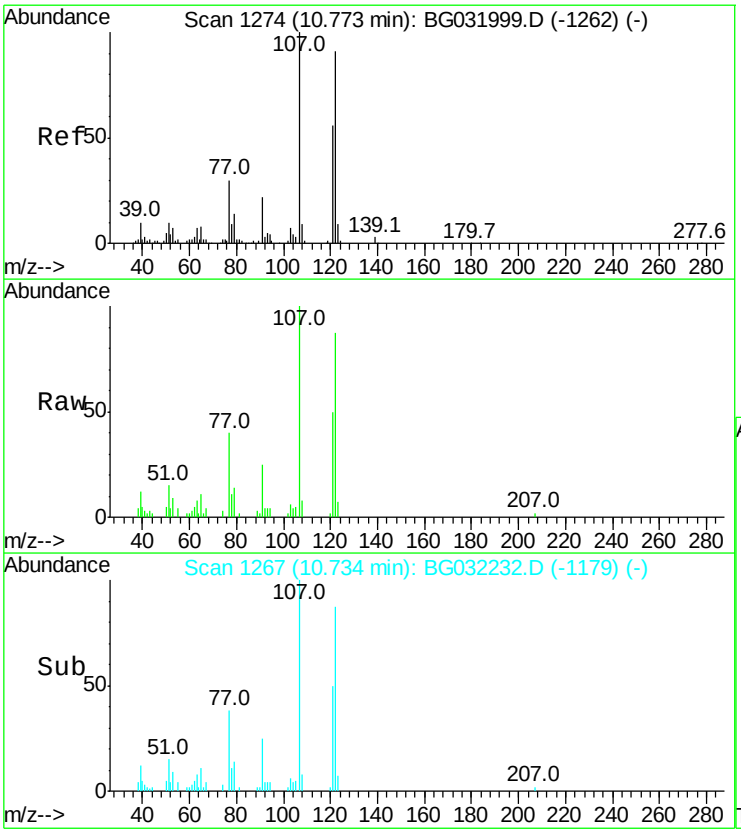
#23
Nitrobenzene-d5
Concen: 97.438 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 82 Resp: 281690

Ion	Ratio	Lower	Upper
82	100		
128	47.4	29.7	44.5#
54	50.8	43.1	64.7

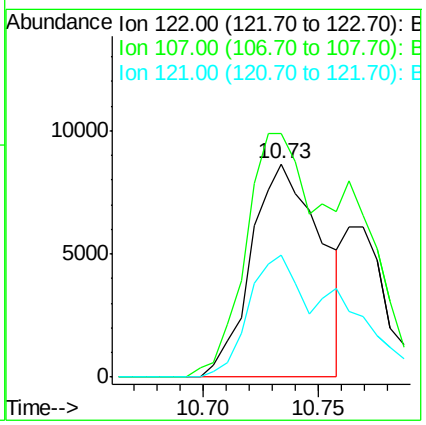


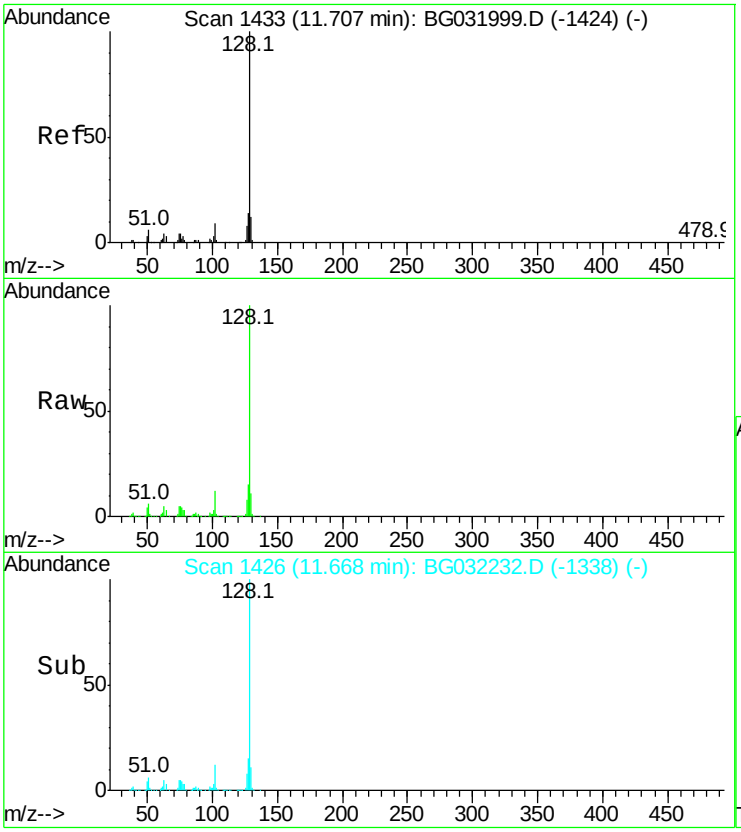


#27
2,4-Dimethylphenol
Concen: 6.699 ng
RT: 10.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:122 Resp: 18165

Ion	Ratio	Lower	Upper
122	100		
107	114.3	100.2	150.2
121	57.3	44.4	66.6



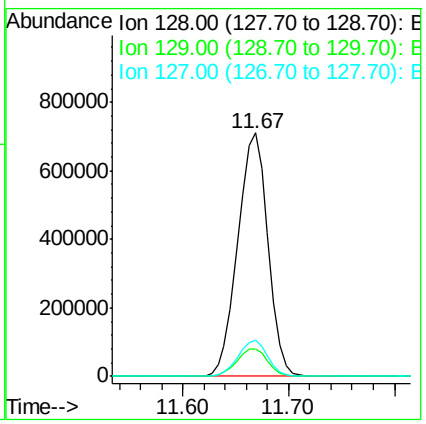


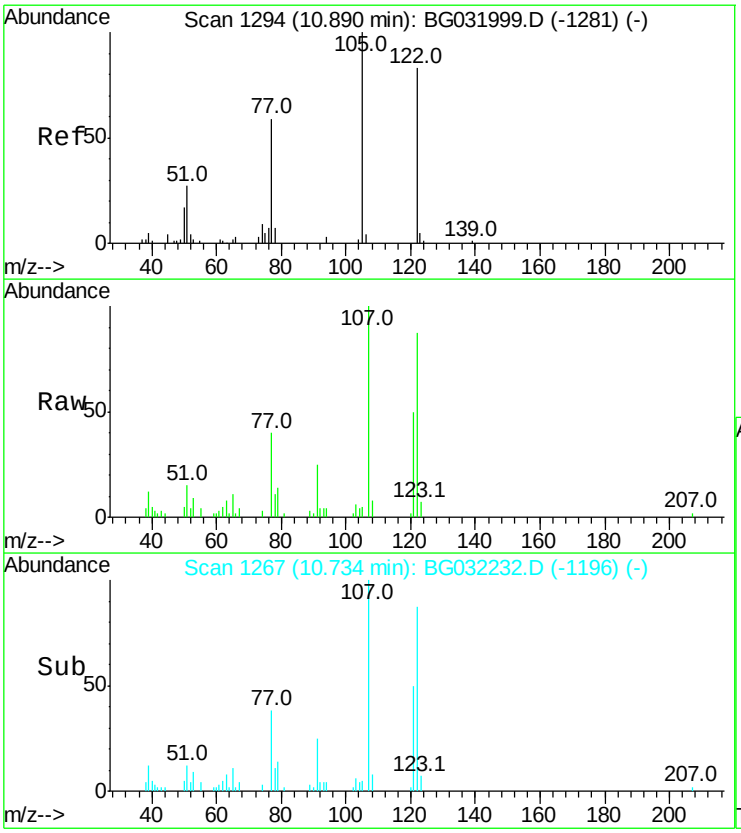
#31
Naphthalene
Concen: 144.861 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 1403549

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	14.9	11.6	17.4

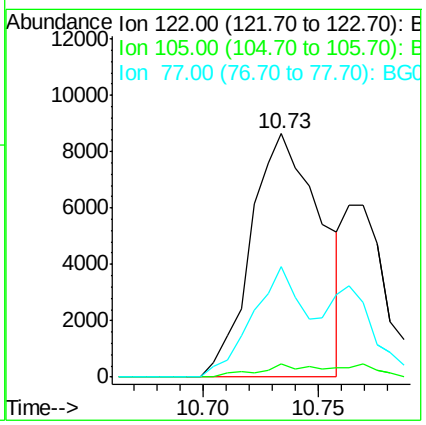


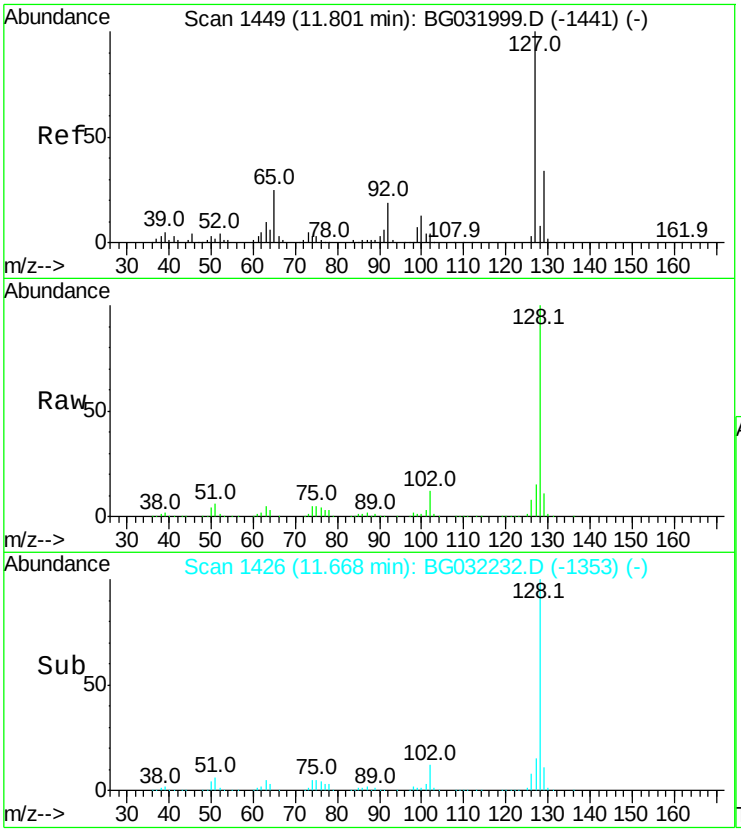


#32
Benzoic acid
Concen: 12.693 ng
RT: 10.73 min Scan# 1267
Delta R.T. -0.11 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:122 Resp: 18165

Ion	Ratio	Lower	Upper
122	100		
105	5.3	123.5	163.5#
77	45.6	85.7	125.7#



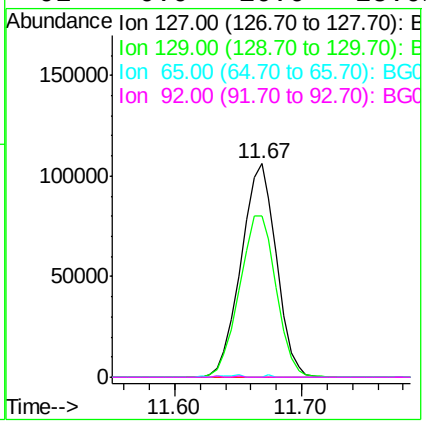


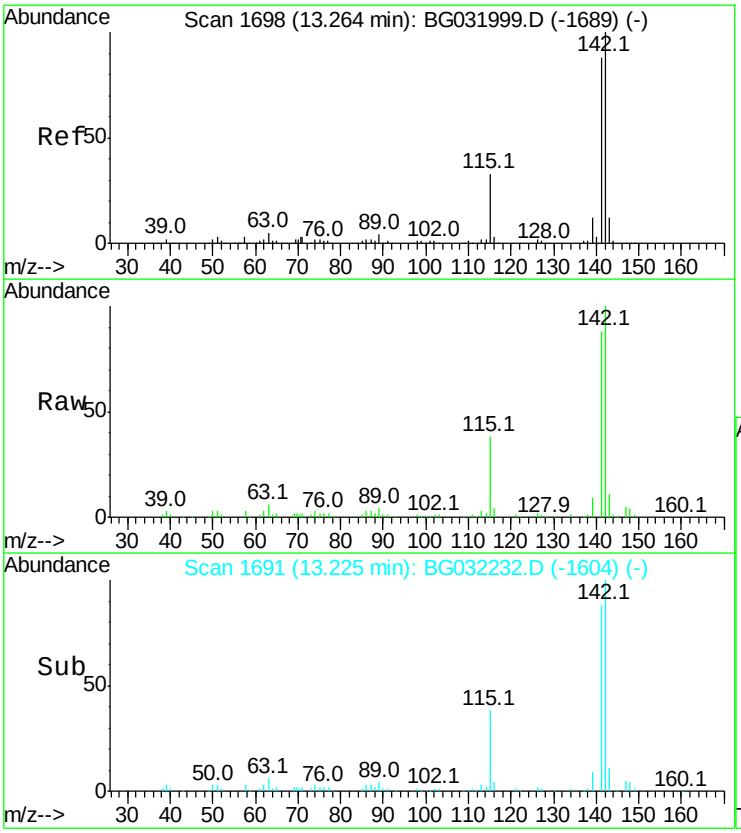
#33
4-Chloroaniline
Concen: 49.337 ng
RT: 11.67 min Scan# 1426
Delta R.T. -0.10 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 204987

Ion	Ratio	Lower	Upper
127	100		
129	75.8	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

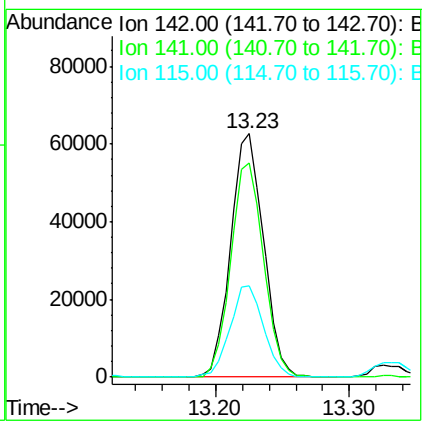


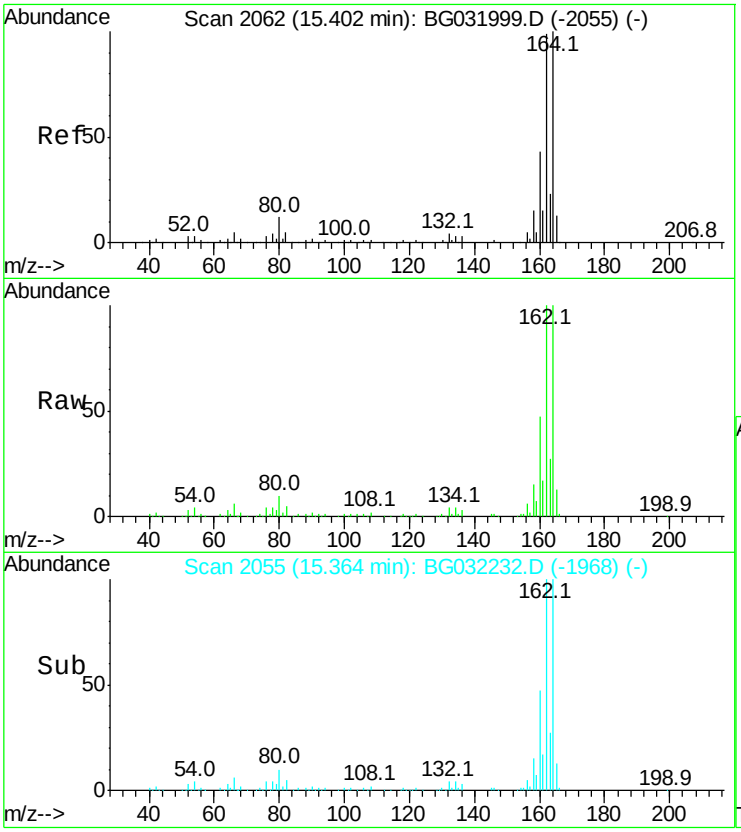


#37
2-Methylnaphthalene
Concen: 13.930 ng
RT: 13.23 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:142 Resp: 107154

Ion	Ratio	Lower	Upper
142	100		
141	87.8	67.1	100.7
115	37.7	30.7	46.1



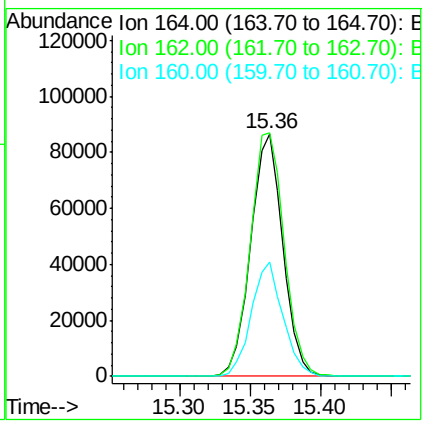


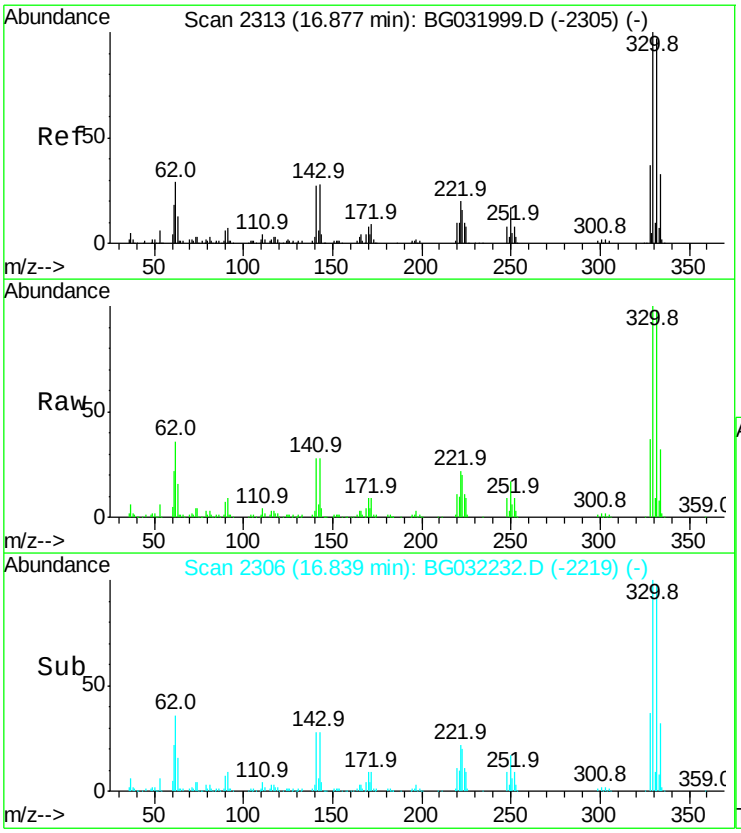
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 137805

Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.8	118.2
160	47.4	35.4	53.0

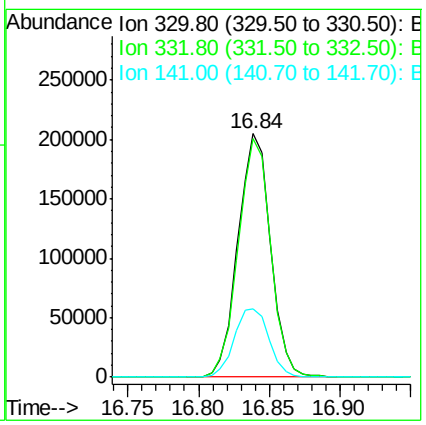


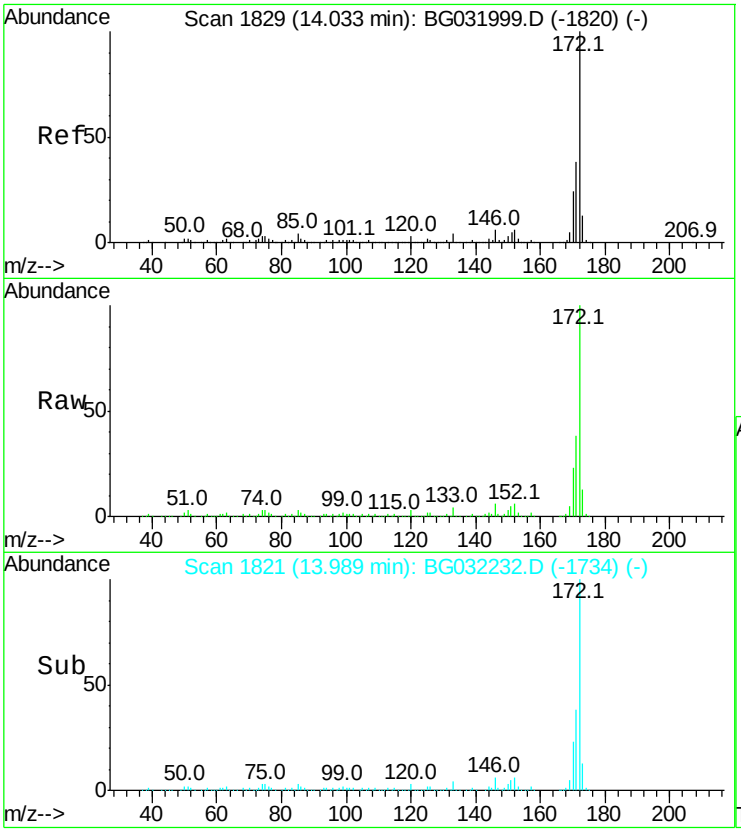


#41
2,4,6-Tribromophenol
Concen: 145.421 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:330 Resp: 331610

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	30.2	25.2	37.8



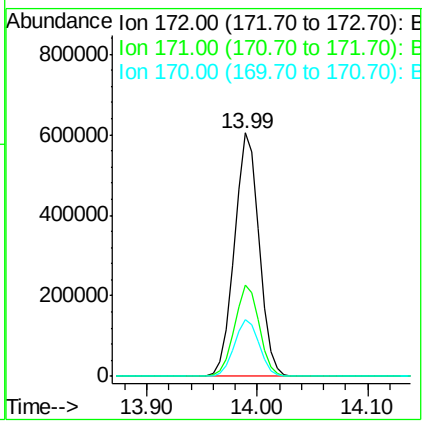


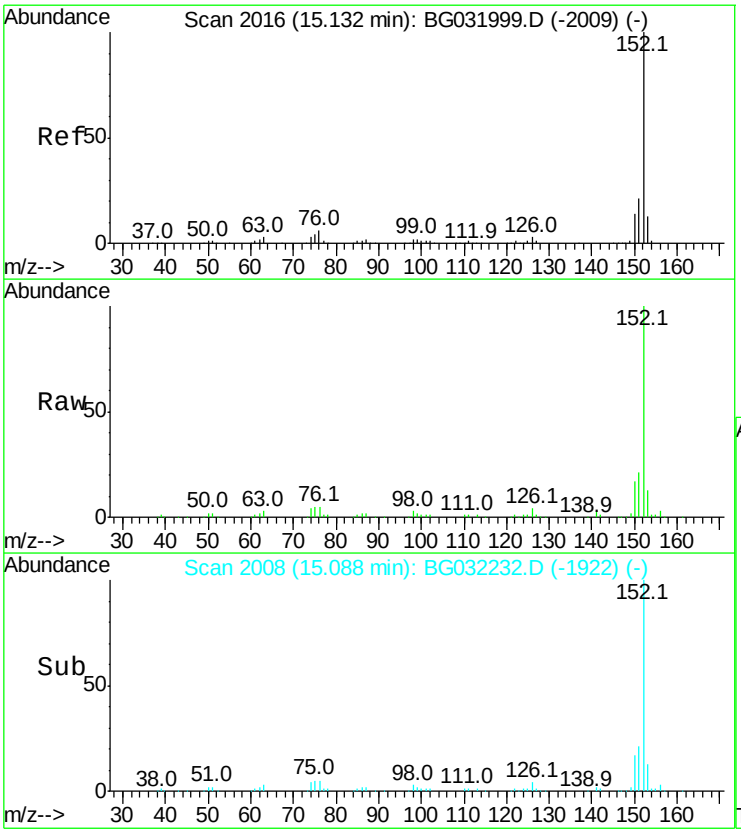
#44
2-Fluorobiphenyl
Concen: 85.443 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 949591

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.3	19.5	29.3

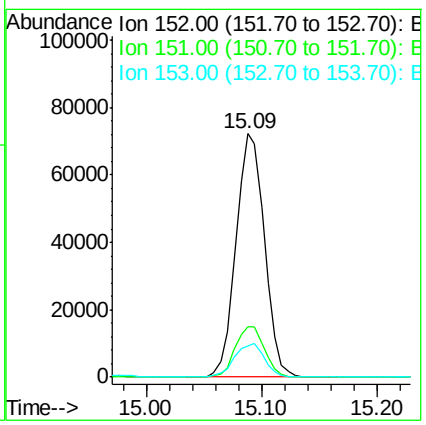


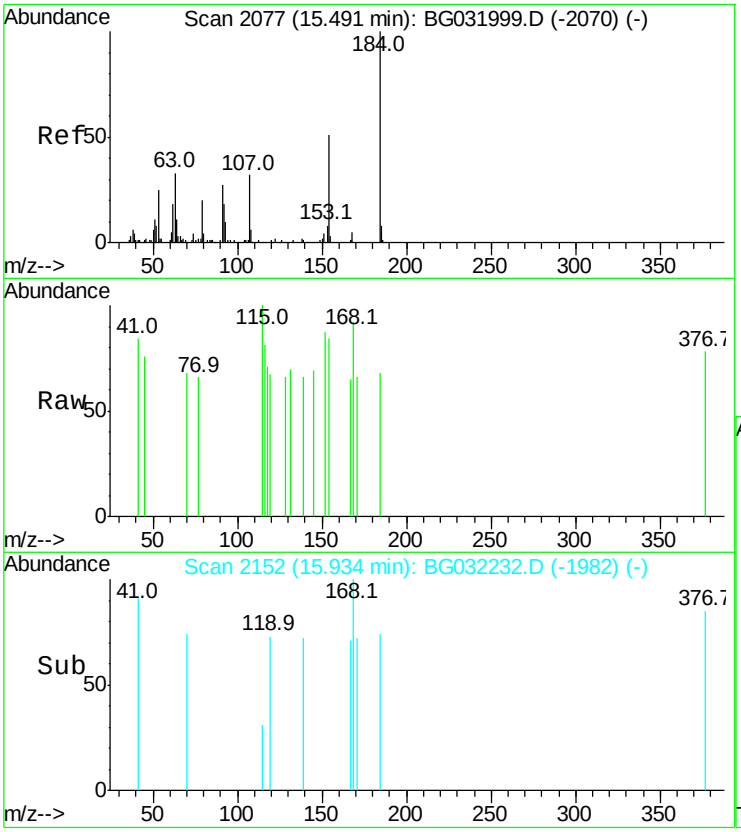


#48
Acenaphthylene
Concen: 8.800 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:152 Resp: 123156

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.2	25.8
153	12.8	10.2	15.4



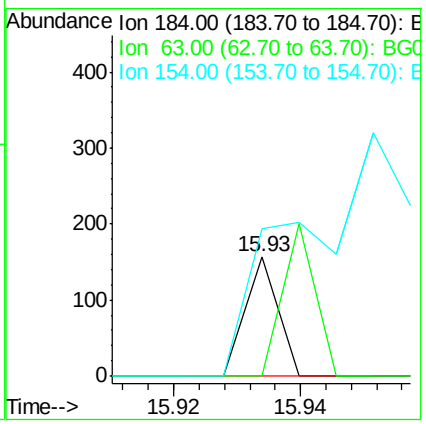


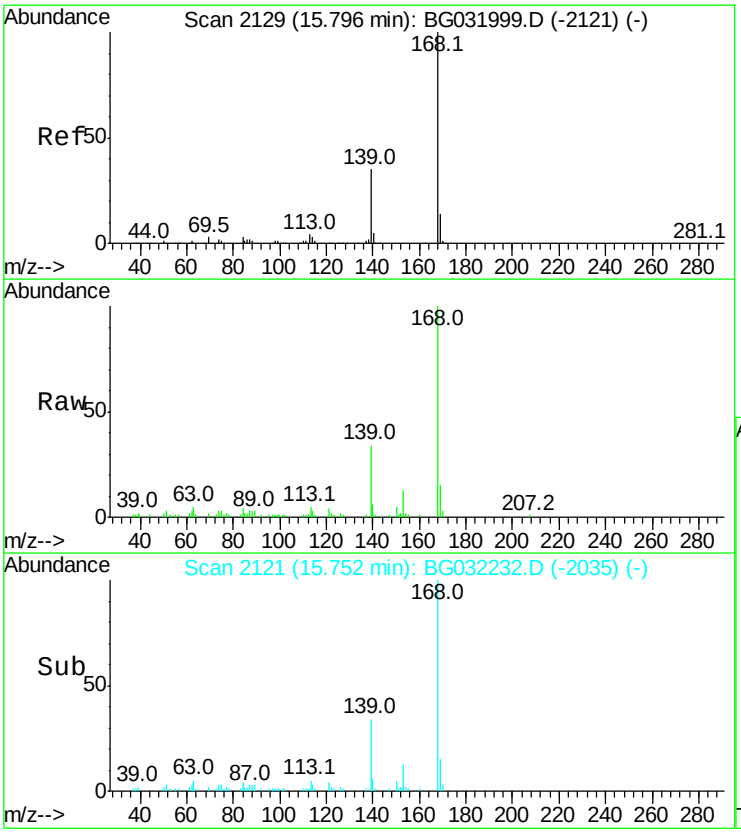
#53
2,4-Dinitrophenol
Concen: 7.004 ng
RT: 15.93 min Scan# 2152
Delta R.T. 0.47 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 55

Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	123.6	101.8	152.8

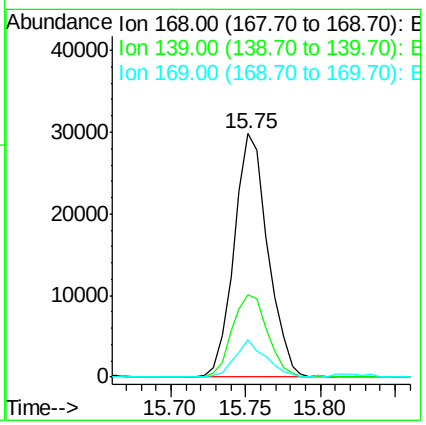


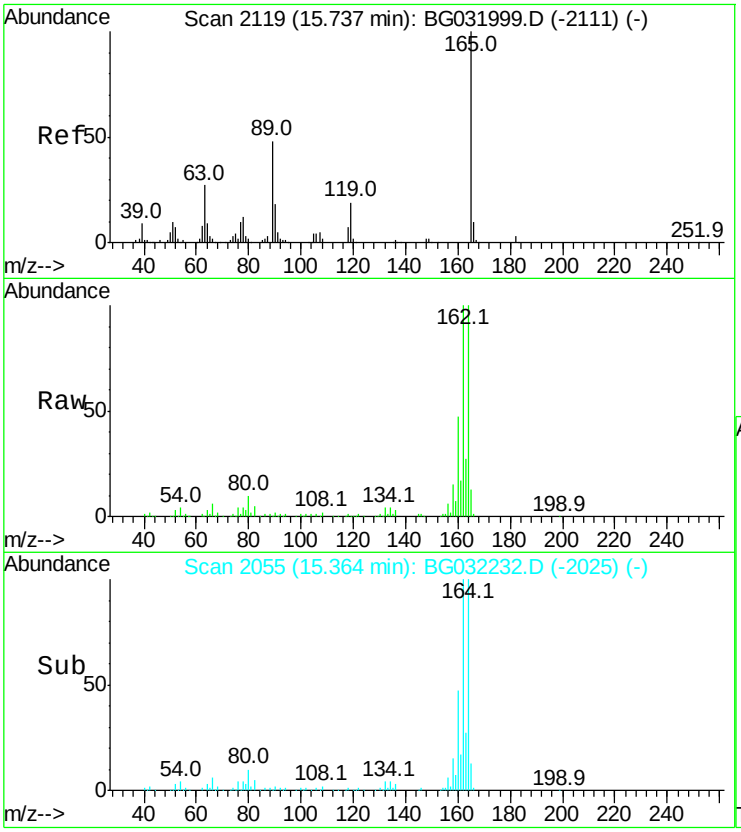


#54
Dibenzofuran
Concen: 3.384 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:168 Resp: 46709

Ion	Ratio	Lower	Upper
168	100		
139	33.9	28.6	43.0
169	15.3	11.2	16.8



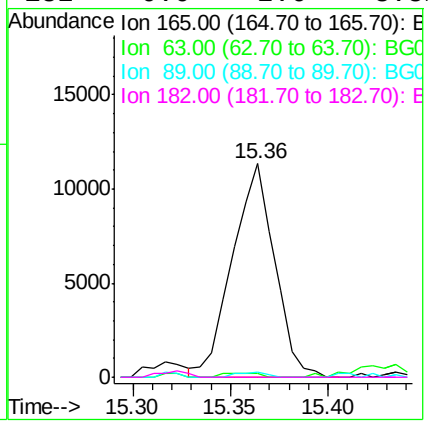


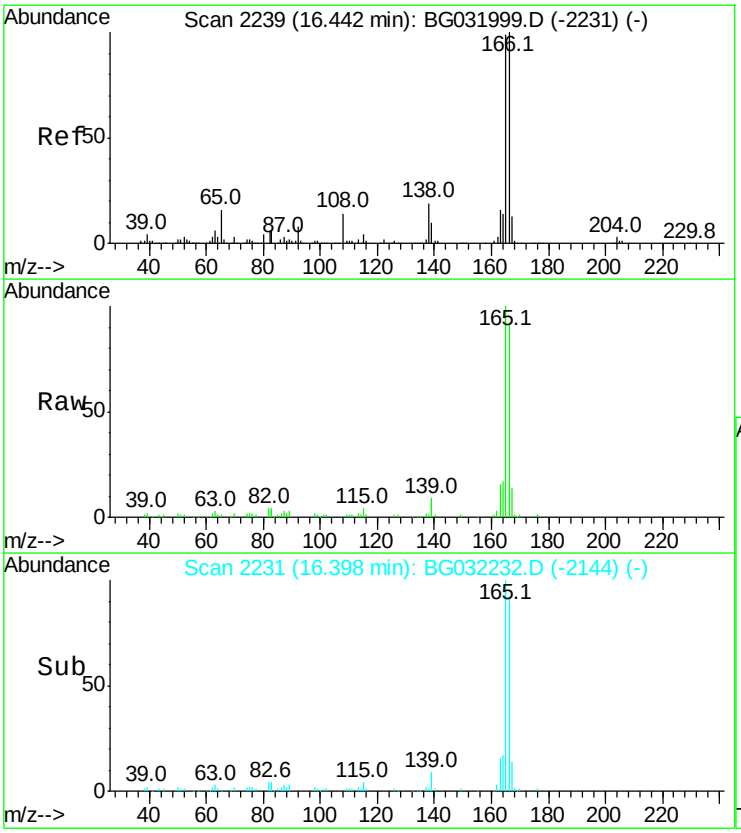
#56
2,4-Dinitrotoluene
Concen: 5.045 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.35 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 17000

Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	2.2	66.9	100.3#
182	0.0	2.6	3.8#

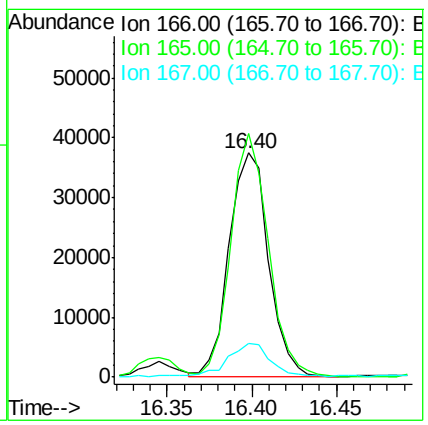


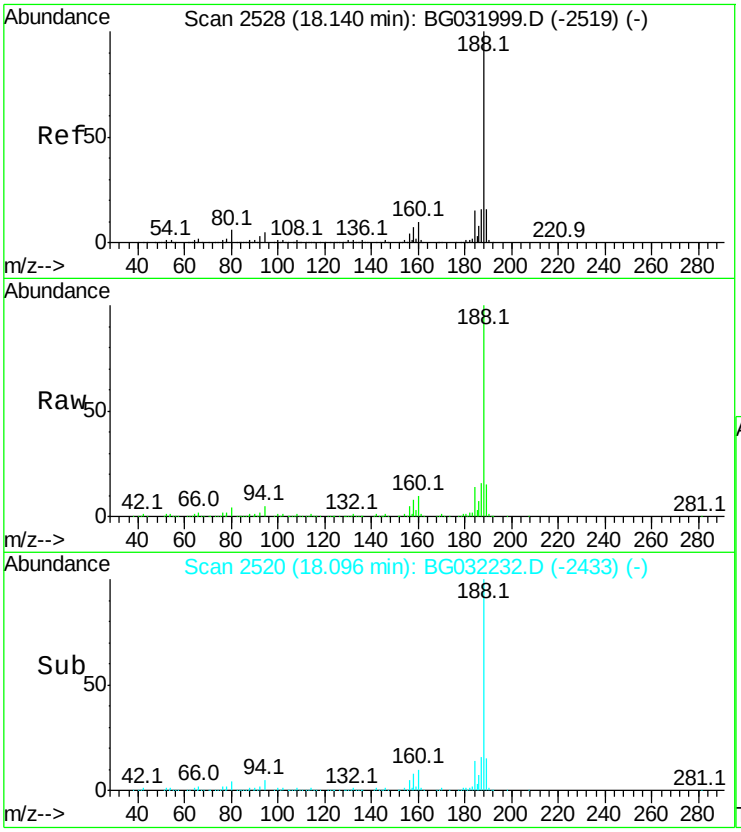


#57
Fluorene
Concen: 5.392 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:166 Resp: 61046

Ion	Ratio	Lower	Upper
166	100		
165	108.7	80.6	121.0
167	14.9	10.4	15.6



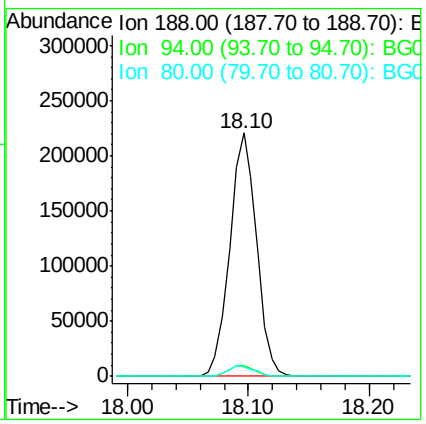


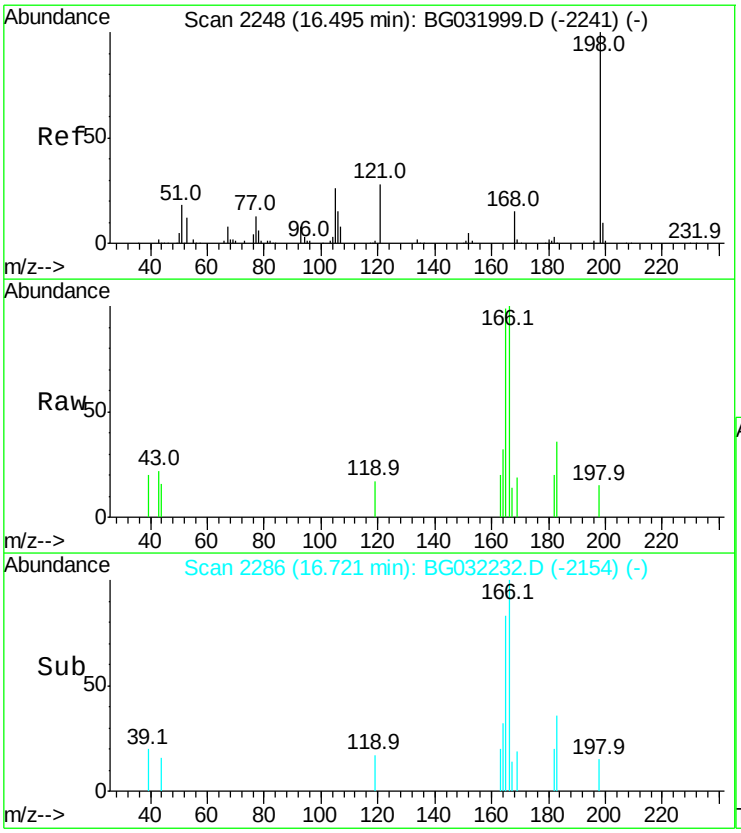
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 339915

Ion	Ratio	Lower	Upper
188	100		
94	4.5	6.9	10.3#
80	4.0	7.7	11.5#

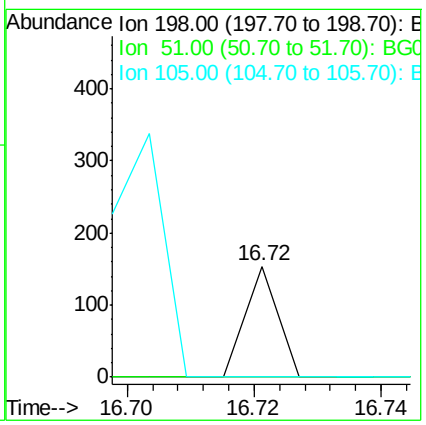


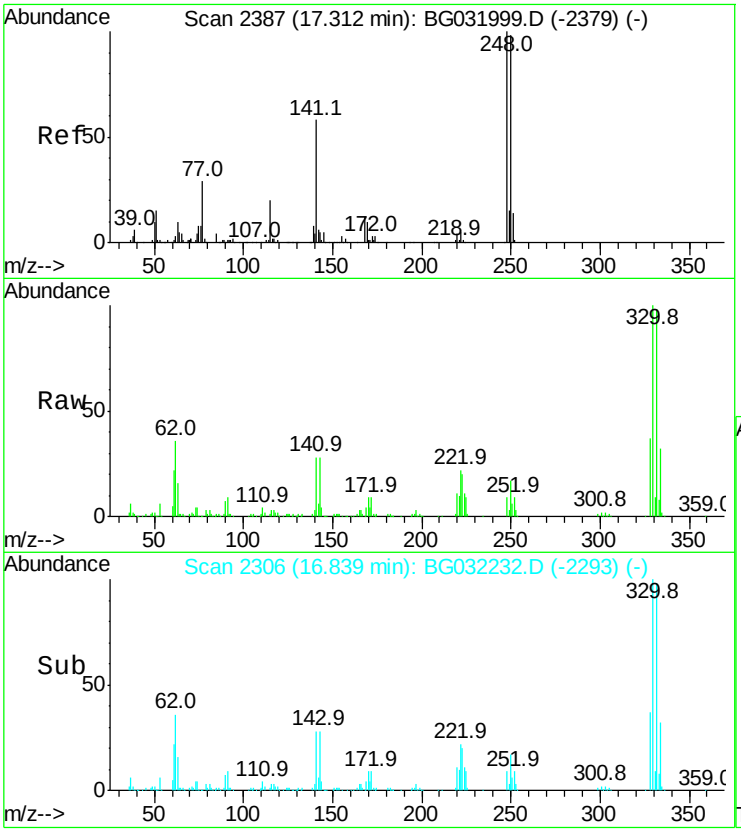


#64
4,6-Dinitro-2-methylphenol
Concen: 4.907 ng
RT: 16.72 min Scan# 2286
Delta R.T. 0.25 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:198 Resp: 54

Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



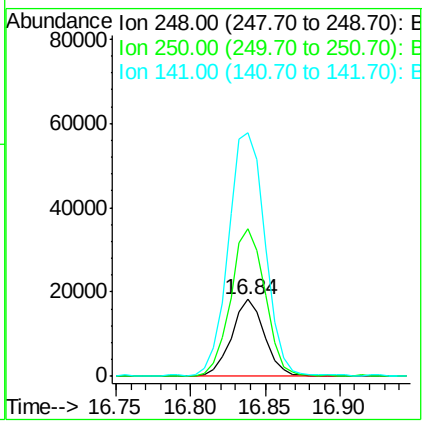


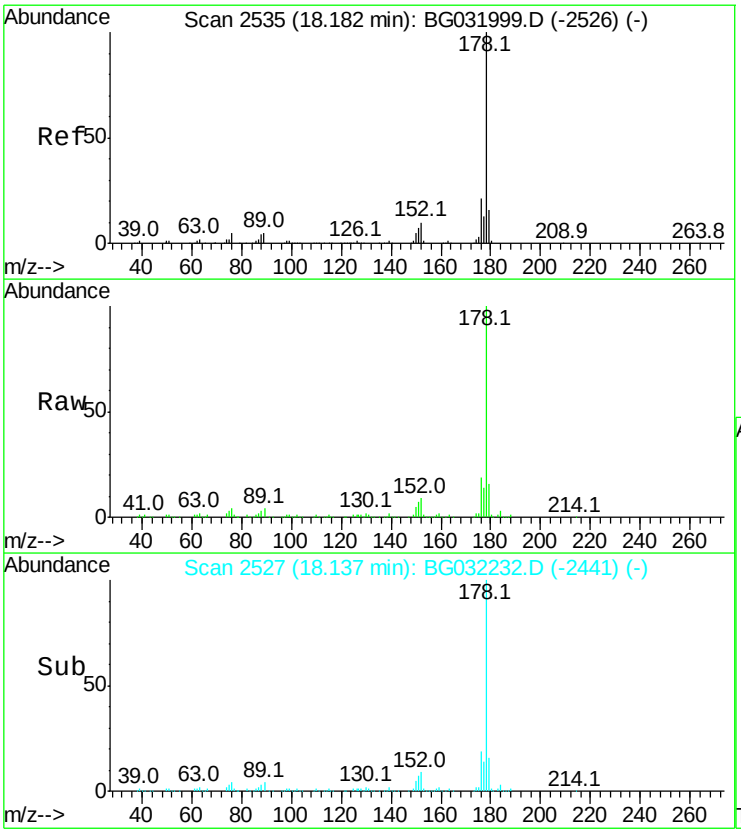
#66
4-Bromophenyl-phenylether
Concen: 5.792 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.45 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 28012

Ion	Ratio	Lower	Upper
248	100		
250	192.4	77.1	115.7#
141	316.0	50.8	76.2#

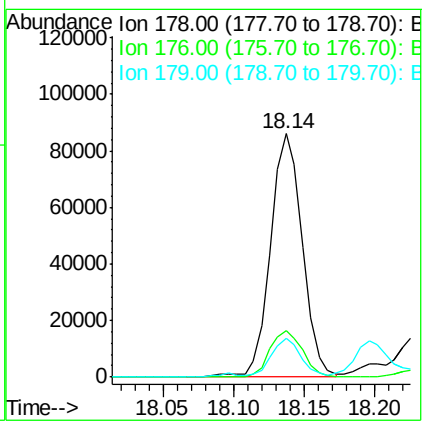


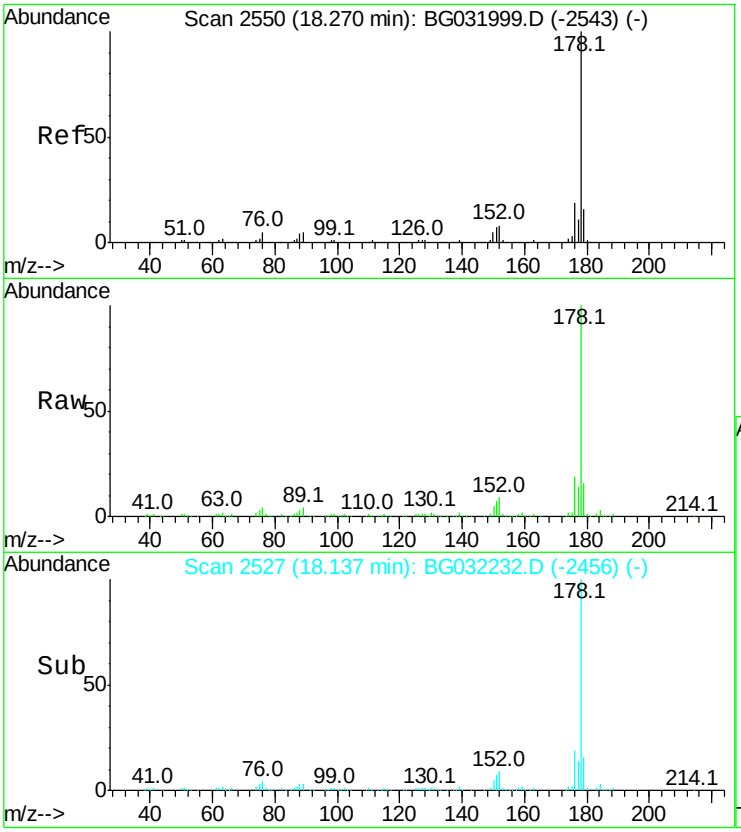


#70
Phenanthrene
Concen: 7.163 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:178 Resp: 135556

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.7	23.5
179	15.7	12.5	18.7



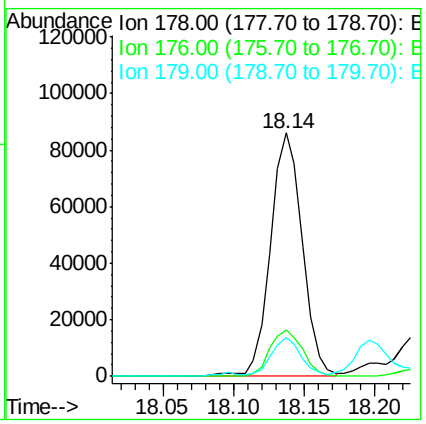


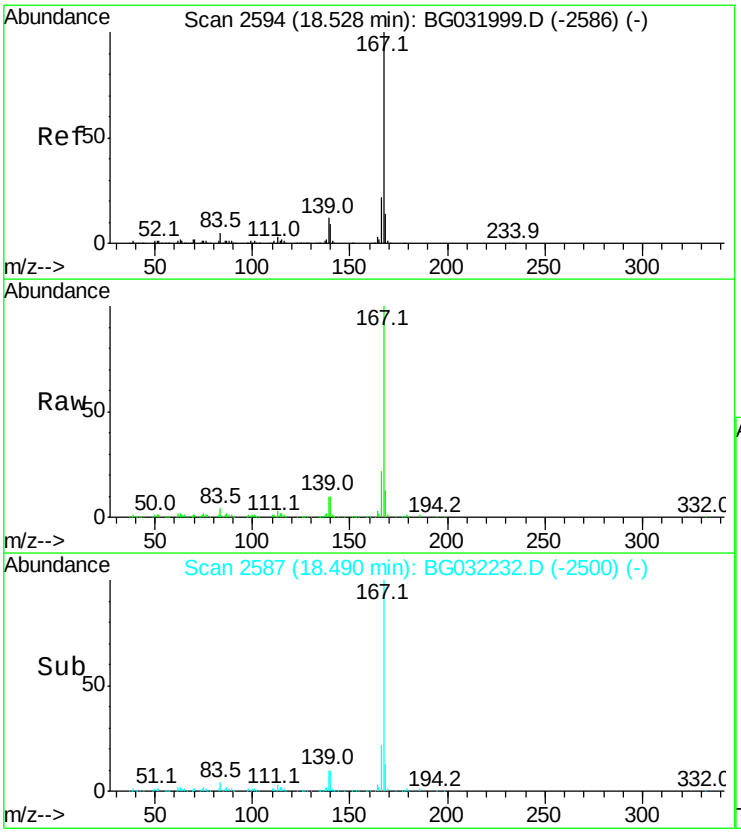
#71
Anthracene
Concen: 7.182 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.11 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 135556

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	15.7	12.5	18.7

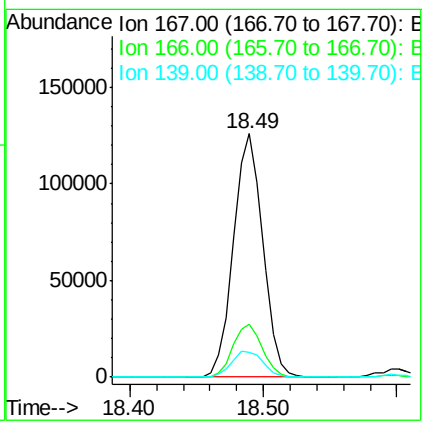


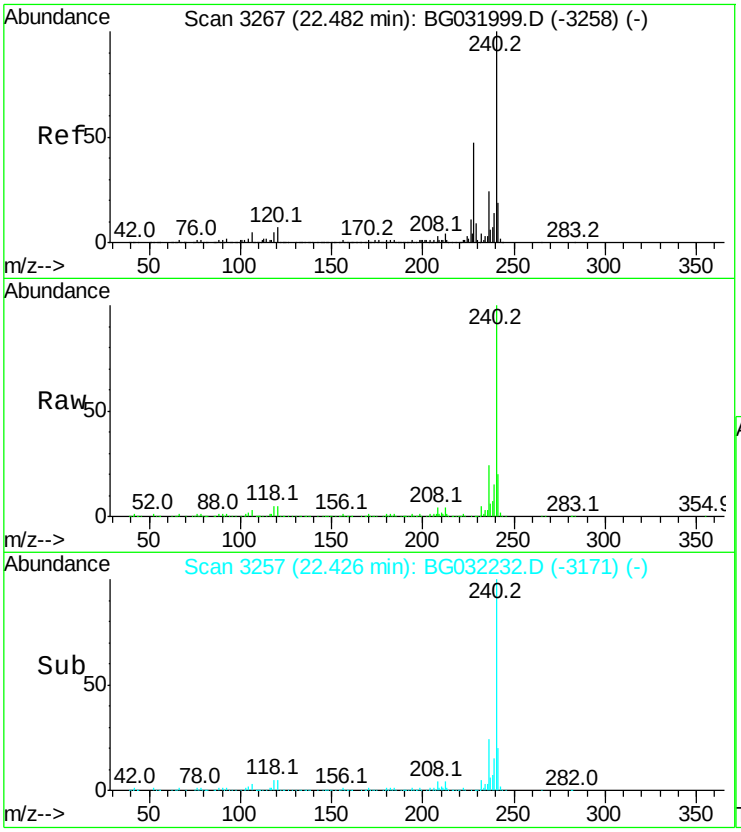


#72
Carbazole
Concen: 11.737 ng
RT: 18.49 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:167 Resp: 192192

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.4
139	10.4	9.4	14.2



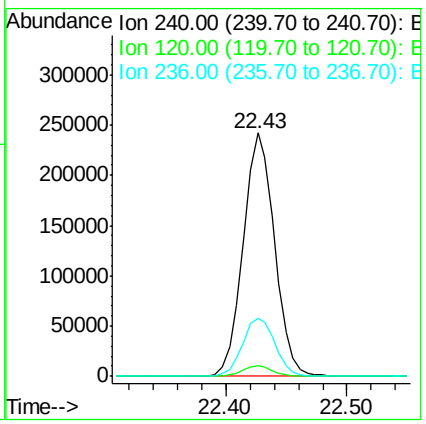


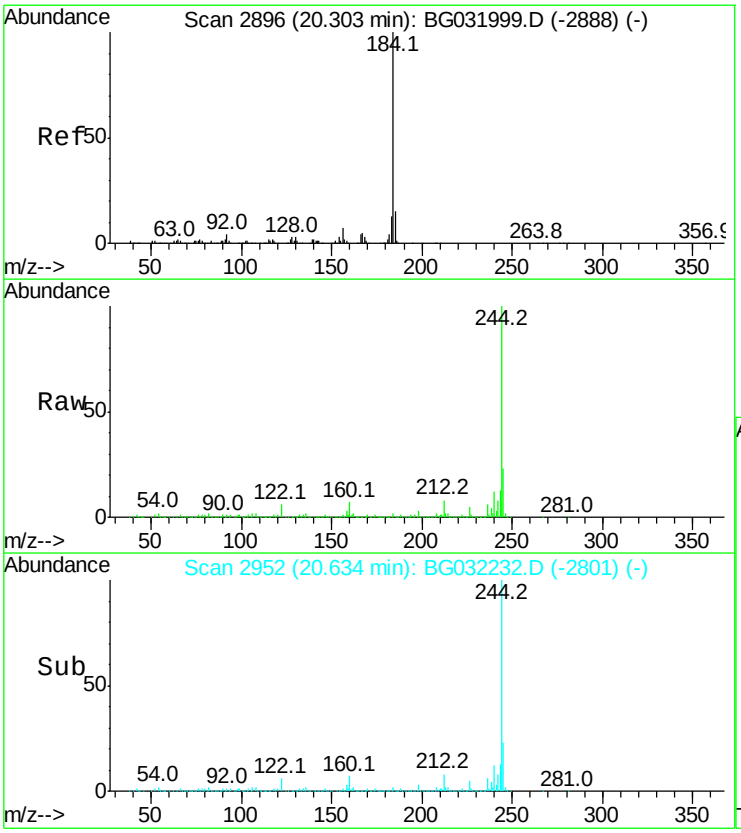
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 439566

Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	24.0	20.9	31.3

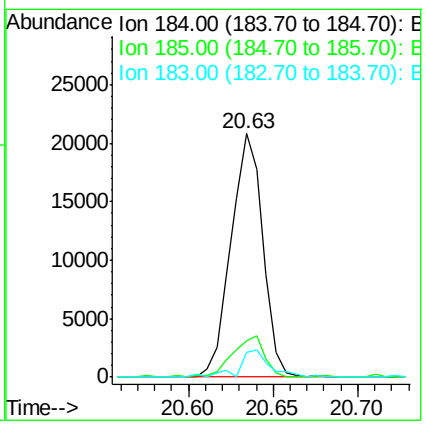


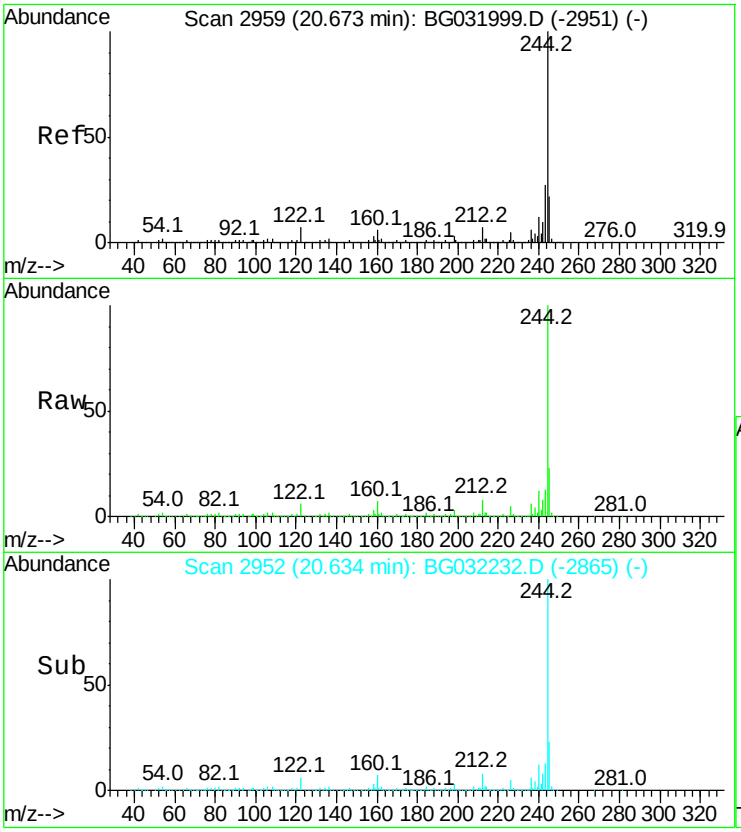


#76
Benzidine
Concen: 2.483 ng
RT: 20.63 min Scan# 2952
Delta R.T. 0.36 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:184 Resp: 27288

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	9.9	10.6	16.0#



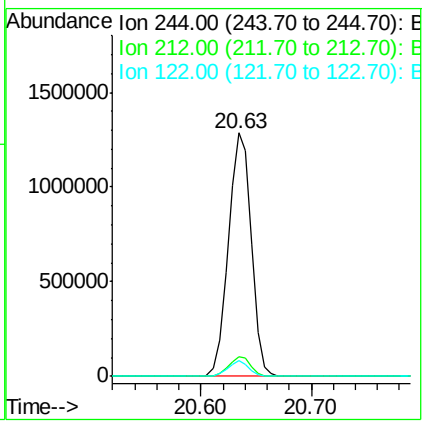


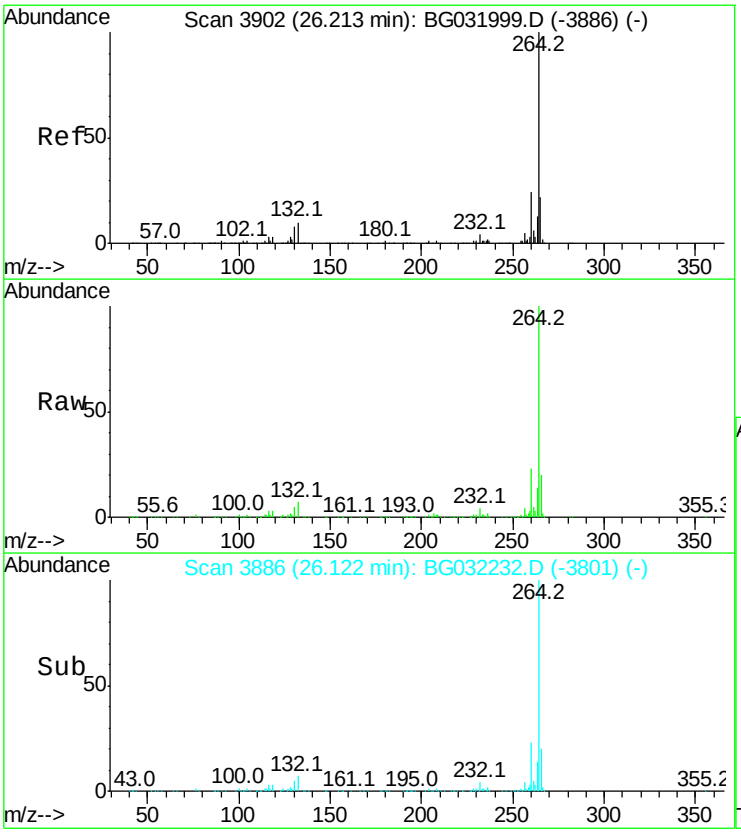
#78
Terphenyl-d14
Concen: 93.745 ng
RT: 20.63 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1866222

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	6.2	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3886
Delta R.T. -0.03 min
Lab File: BG032232.D
Acq: 23 Jan 2018 15:22

Tgt Ion:264 Resp: 464539

Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.2	17.7	26.5