Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032186.D
Acq On : 20 Jan 2018 19:20
Operator : SJ/JU
Sample : J1186-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 22 02:04:11 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	8.74	152	46930	20.00	ng		0.00
21) Naphthalene-d8	11.63	136	183400	20.00	ng		0.00
38) Acenaphthene-d10	15.38	164	123036	20.00	ng		0.00
63) Phenanthrene-d10	18.11	188	315611	20.00	ng		0.00
75) Chrysene-d12	22.44	240	428391	20.00	ng		0.00
86) Perylene-d12	26.15	264	448848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	277029	107.96	ng		0.00
7) Phenol-d6	7.85	99	298271	92.30	ng		0.00
23) Nitrobenzene-d5	9.94	82	241031	88.91	ng		0.00
41) 2,4,6-Tribromophenol	16.85	330	266173	130.74	ng		0.00
44) 2-Fluorobiphenyl	14.00	172	825257	83.17	ng		0.00
78) Terphenyl-d14	20.65	244	1655934	85.35	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	9.94	70	34229	17.071	ng	#	72
31) Naphthalene	11.68	128	401112	44.150	ng		98
32) Benzoic acid	10.86	122	114	5.306	ng	#	1
33) 4-Chloroaniline	11.67	127	55239	14.179	ng	#	33
37) 2-Methylnaphthalene	13.24	142	31232	4.330	ng		94
45) 1,1'-Biphenyl	14.22	154	25106	2.380	ng		94
48) Acenaphthylene	15.10	152	122623	9.814	ng		96
51) Acenaphthene	15.44	154	19652	2.379	ng		98
55) 4-Nitrophenol	15.77	139	4388	2.983	ng	#	1
56) 2,4-Dinitrotoluene	15.37	165	15677	5.210	ng	#	18
57) Fluorene	16.41	166	68880	6.814	ng		98
64) 4,6-Dinitro-2-methylphenol	16.85	198	666	5.180	ng	#	29
66) 4-Bromophenyl-phenylether	16.85	248	22894	5.098	ng	#	1
70) Phenanthrene	18.15	178	248519	14.143	ng		99
71) Anthracene	18.24	178	35594	2.031	ng		99
76) Benzidine	20.64	184	24017	2.242	ng	#	91

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

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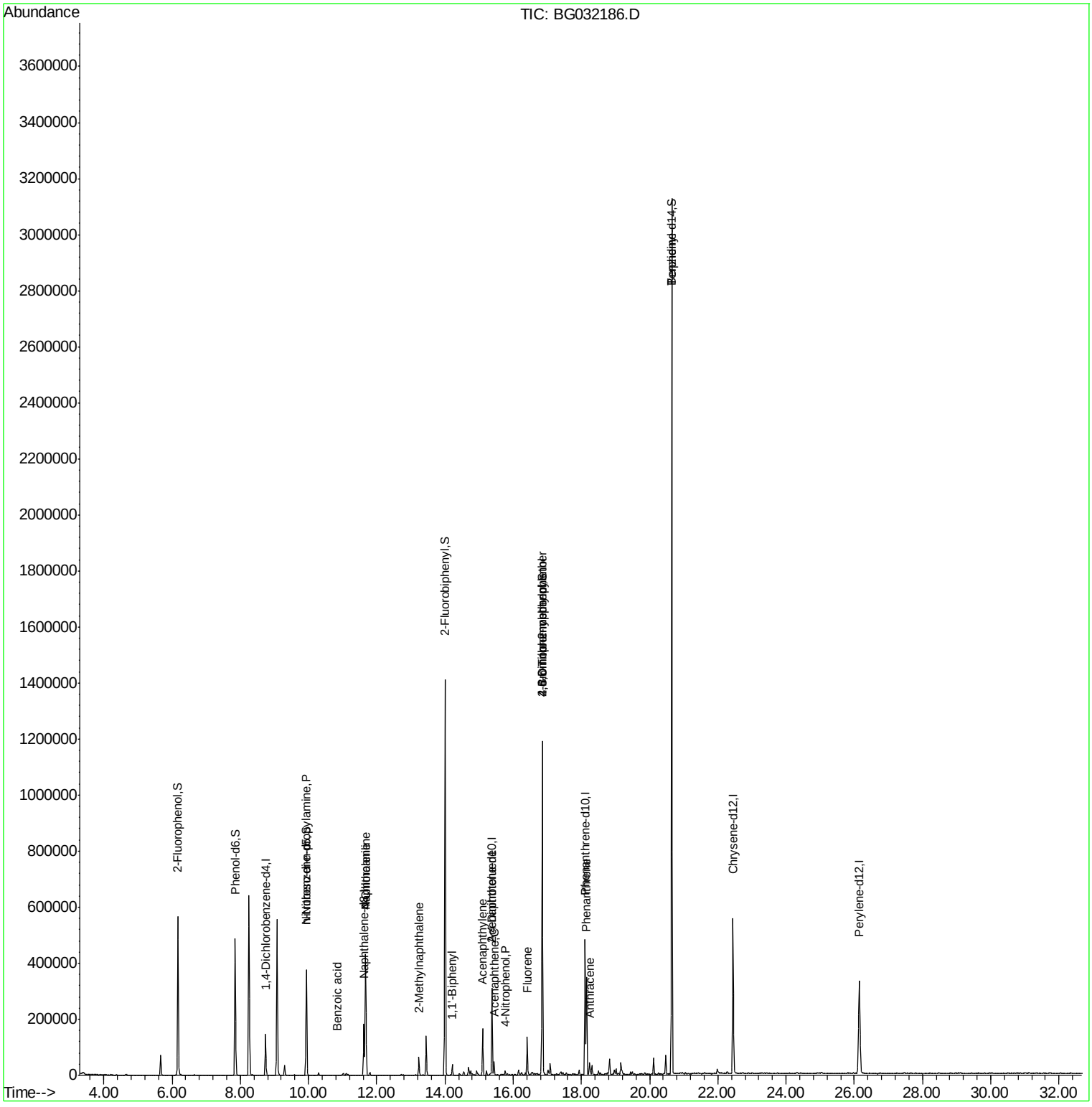
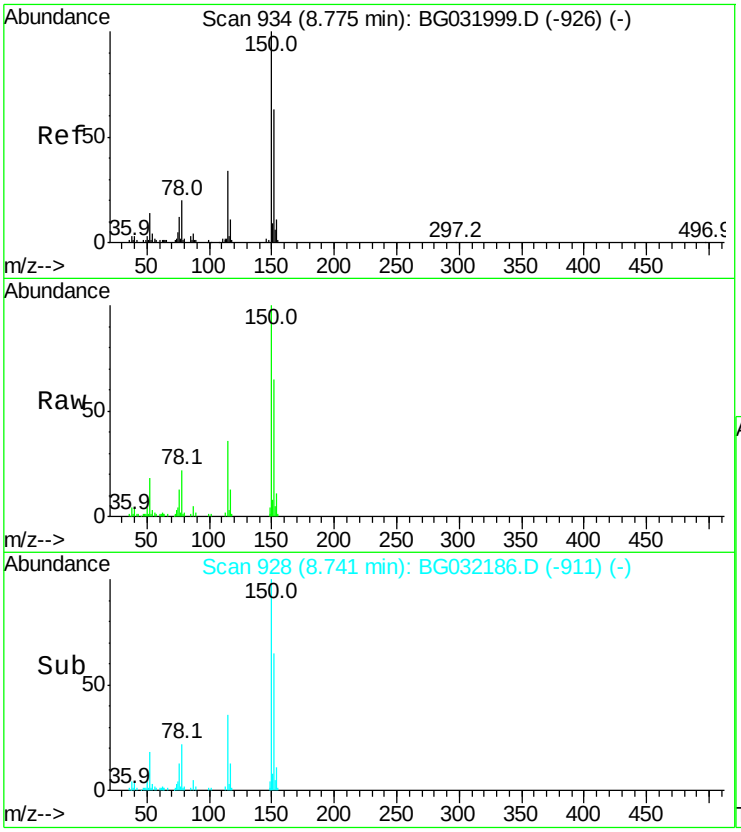


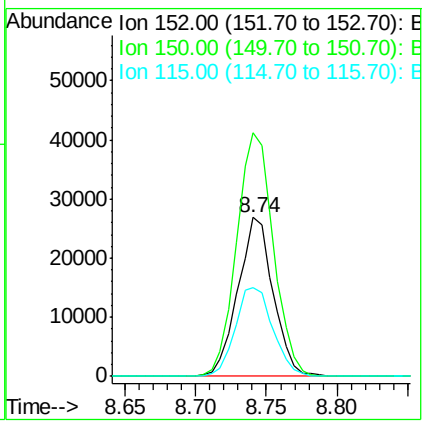


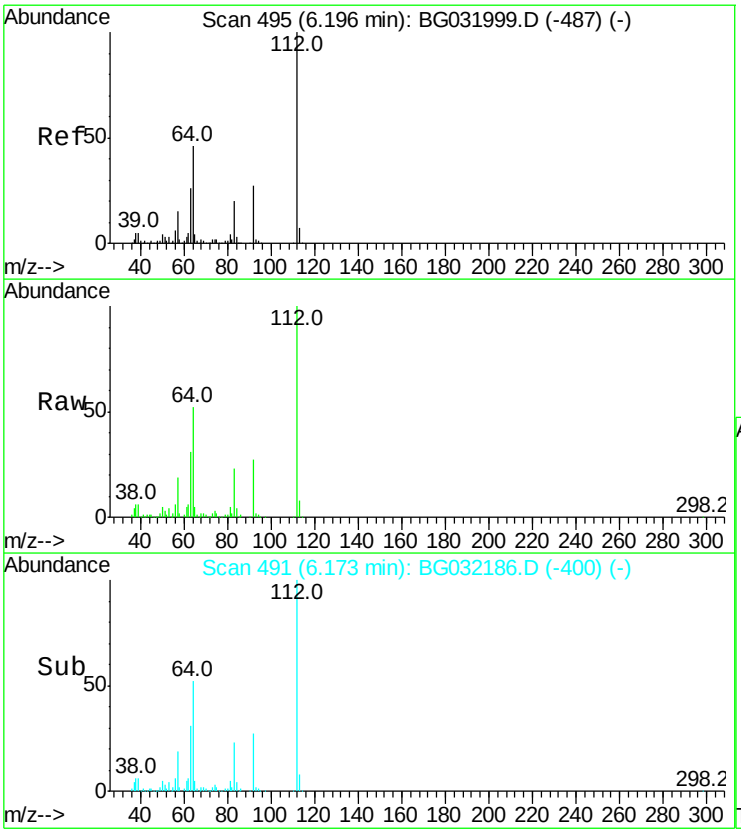
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 46930

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.6	189.8
115	55.6	53.0	79.4

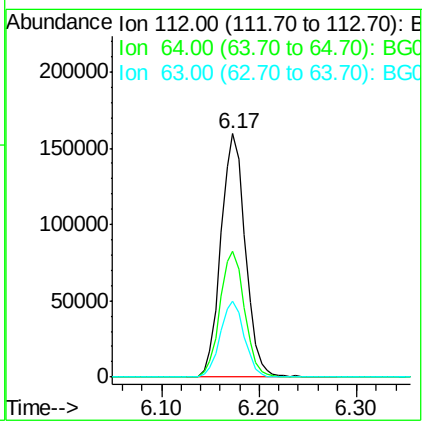


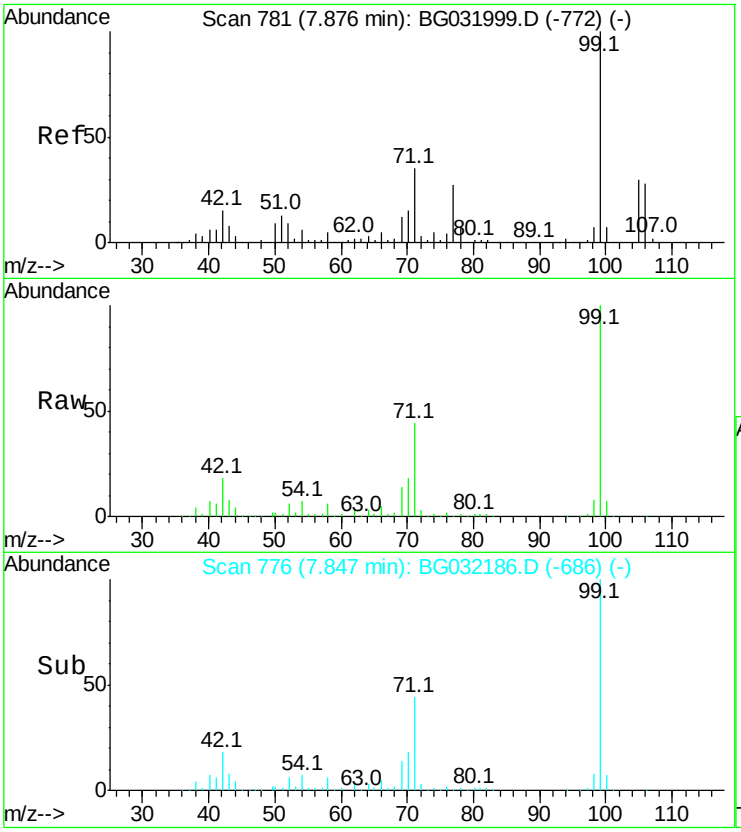


#5
2-Fluorophenol
Concen: 107.962 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:112 Resp: 277029

Ion	Ratio	Lower	Upper
112	100		
64	51.8	56.3	84.5#
63	31.1	30.1	45.1



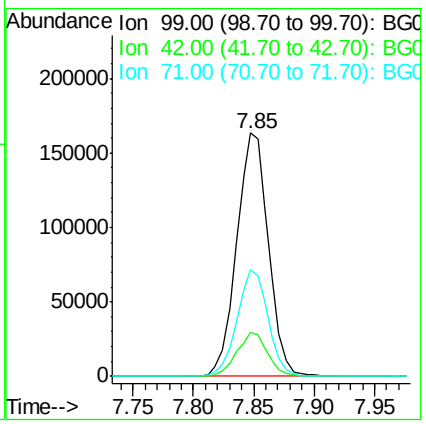


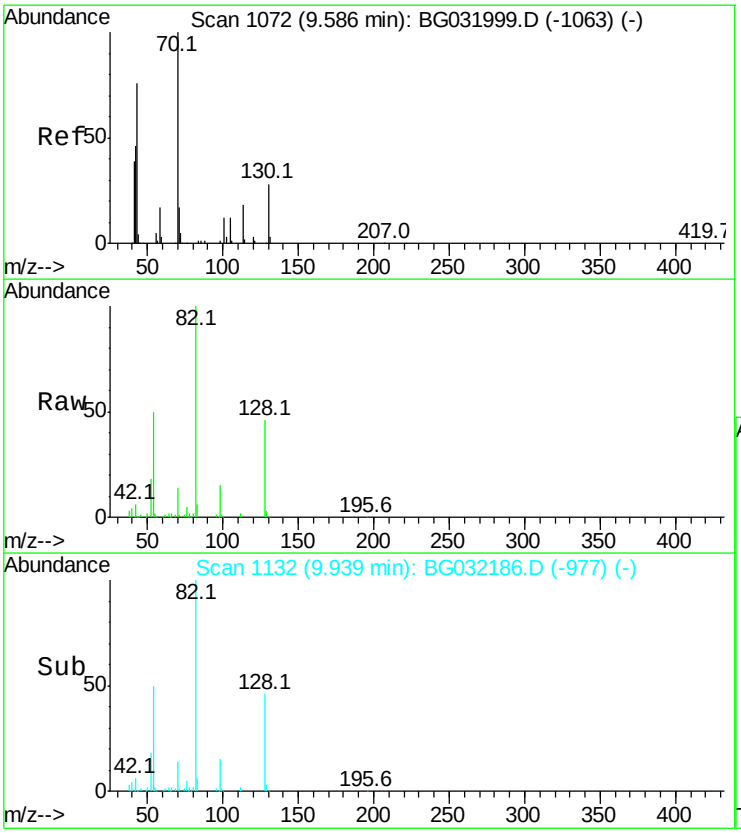
#7
Phenol-d6
Concen: 92.296 ng
RT: 7.85 min Scan# 776
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 298271

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.1	21.1
71	43.8	26.1	39.1#

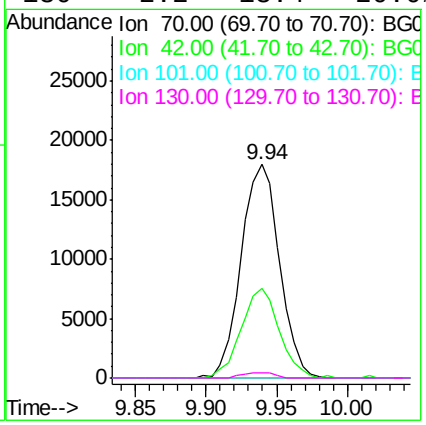


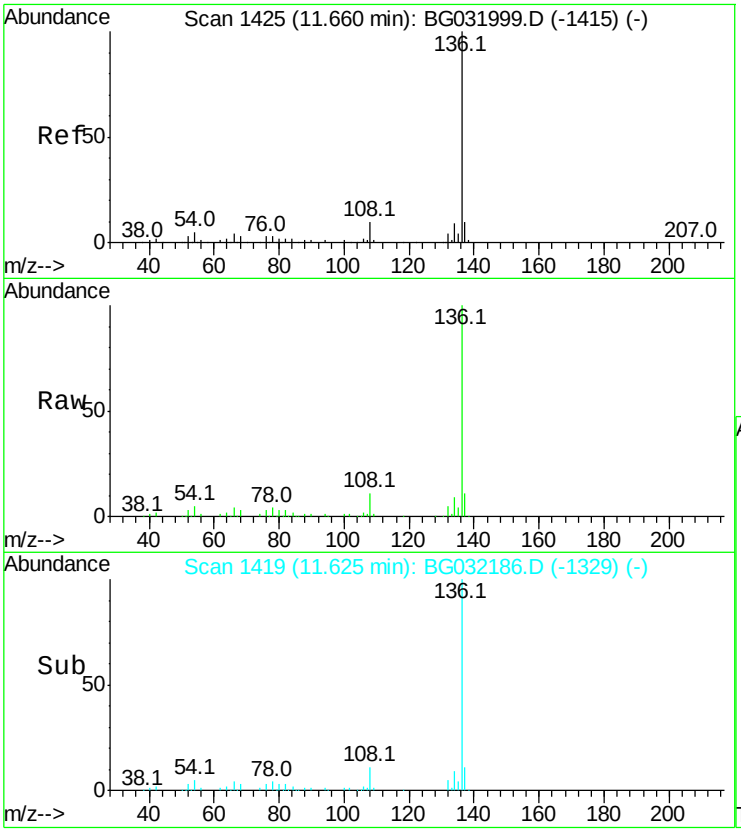


#19
n-Nitroso-di-n-propylamine
Concen: 17.071 ng
RT: 9.94 min Scan# 1132
Delta R.T. 0.38 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion: 70 Resp: 34229

Ion	Ratio	Lower	Upper
70	100		
42	41.7	49.1	73.7#
101	0.0	8.5	12.7#
130	2.2	13.4	20.0#



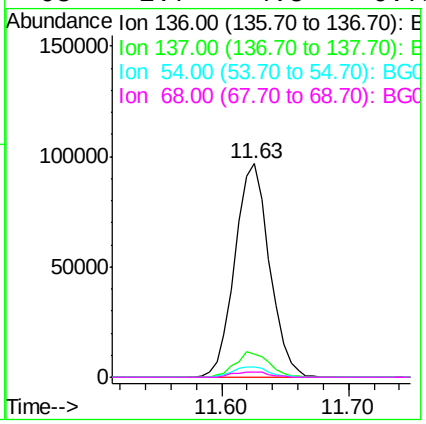


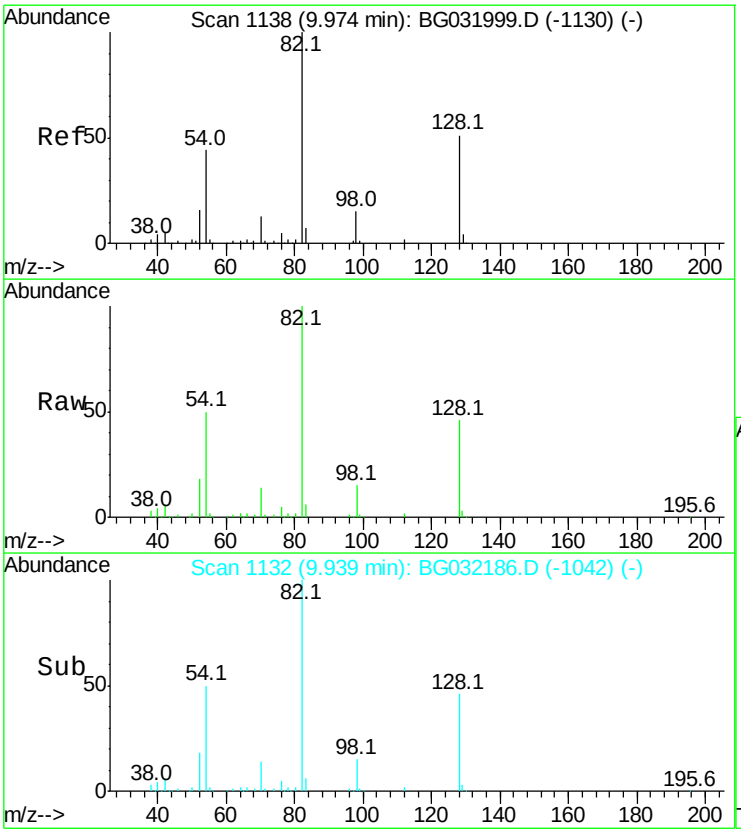
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 183400

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	4.8	10.3	15.5#
68	2.7	4.5	6.7#

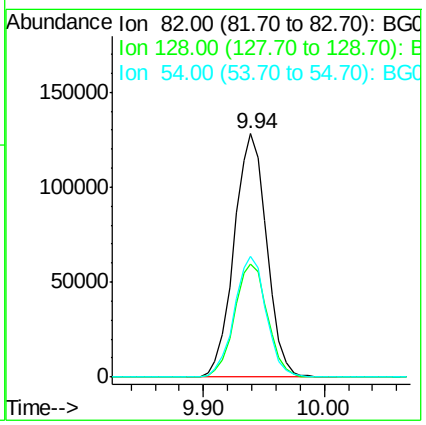


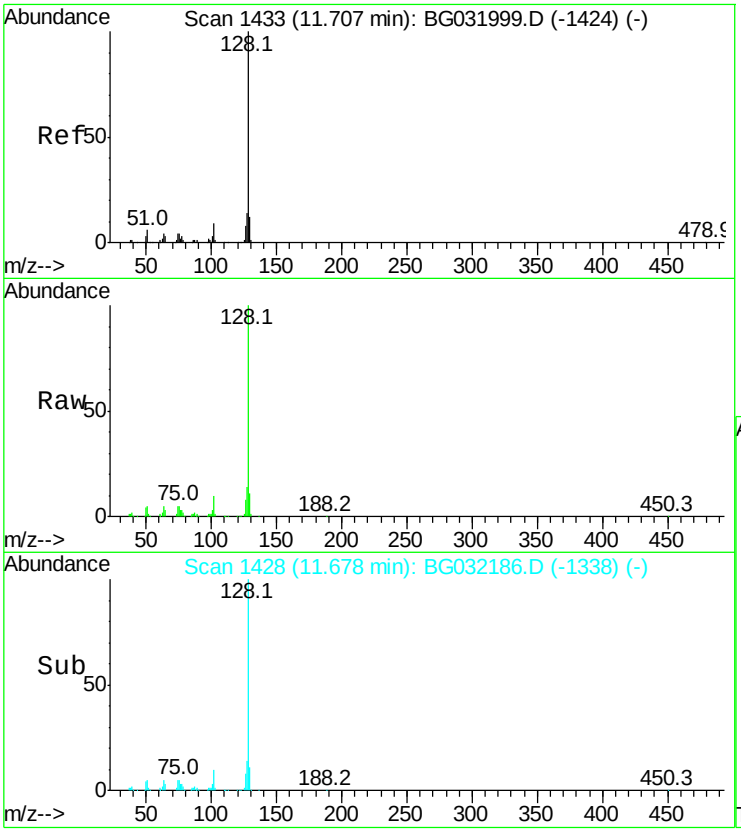


#23
Nitrobenzene-d5
Concen: 88.914 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion: 82 Resp: 241031

Ion	Ratio	Lower	Upper
82	100		
128	46.4	29.7	44.5#
54	49.7	43.1	64.7



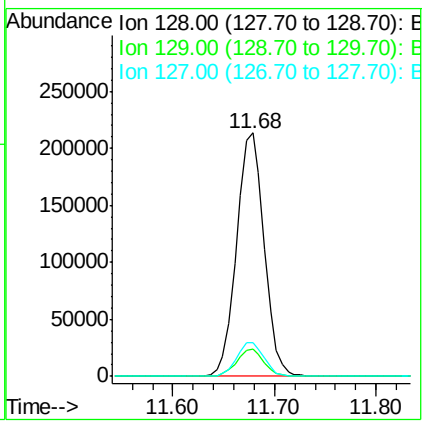


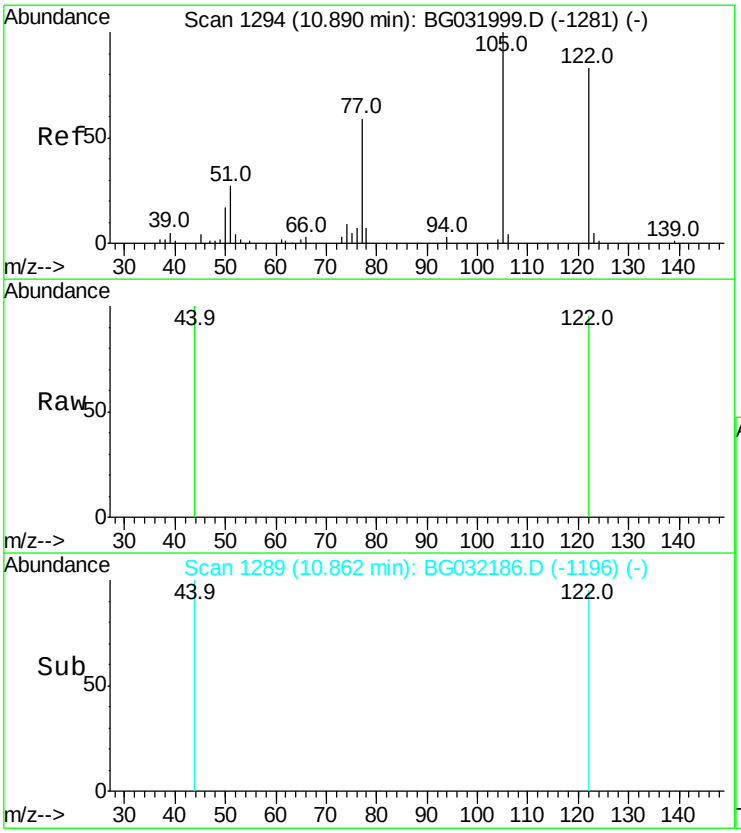
#31
Naphthalene
Concen: 44.150 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 401112

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.6	11.6	17.4

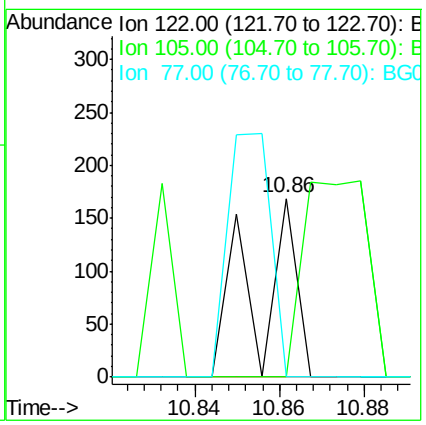


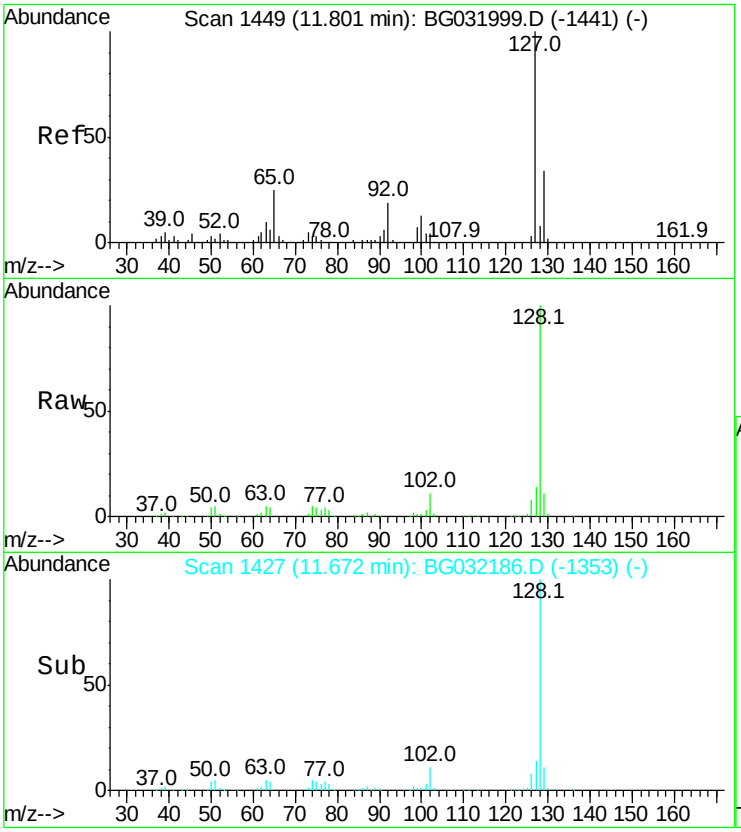


#32
Benzoic acid
Concen: 5.306 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:122 Resp: 114

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



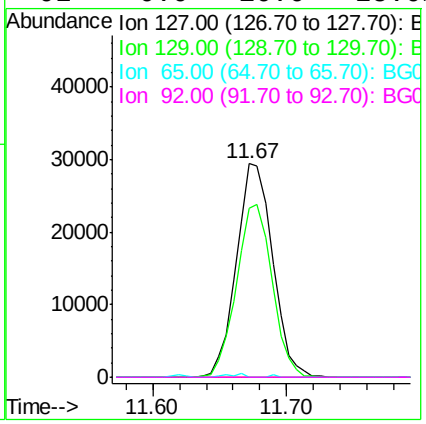


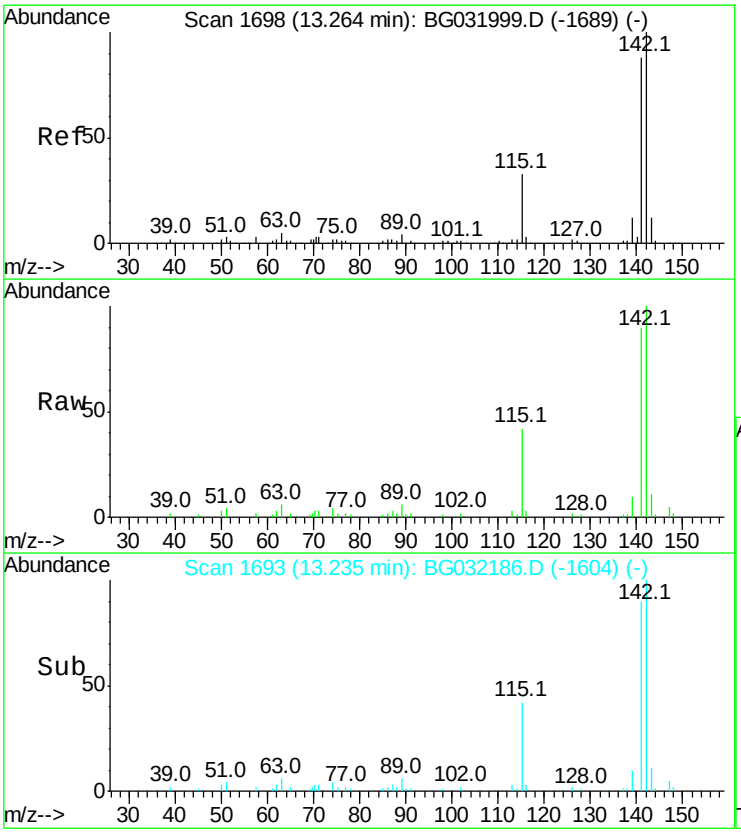
#33
4-Chloroaniline
Concen: 14.179 ng
RT: 11.67 min Scan# 1427
Delta R.T. -0.10 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:127 Resp: 55239

Ion	Ratio	Lower	Upper
127	100		
129	79.4	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#

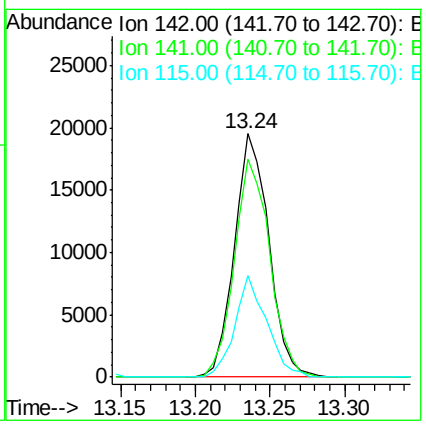


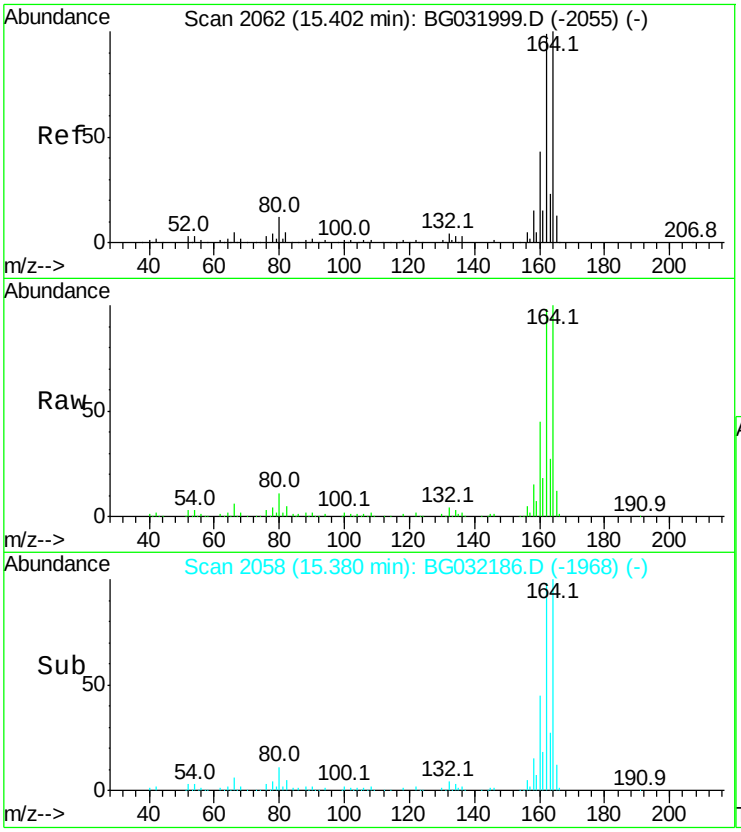


#37
2-Methylnaphthalene
Concen: 4.330 ng
RT: 13.24 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:142 Resp: 31232

Ion	Ratio	Lower	Upper
142	100		
141	89.7	67.1	100.7
115	41.7	30.7	46.1



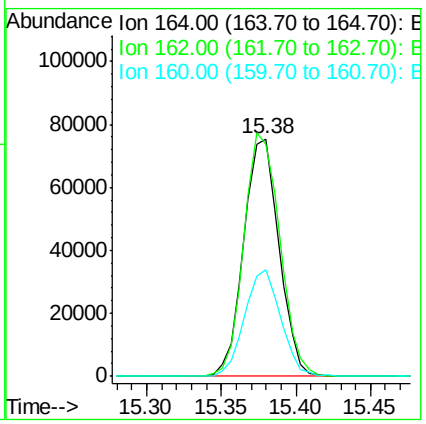


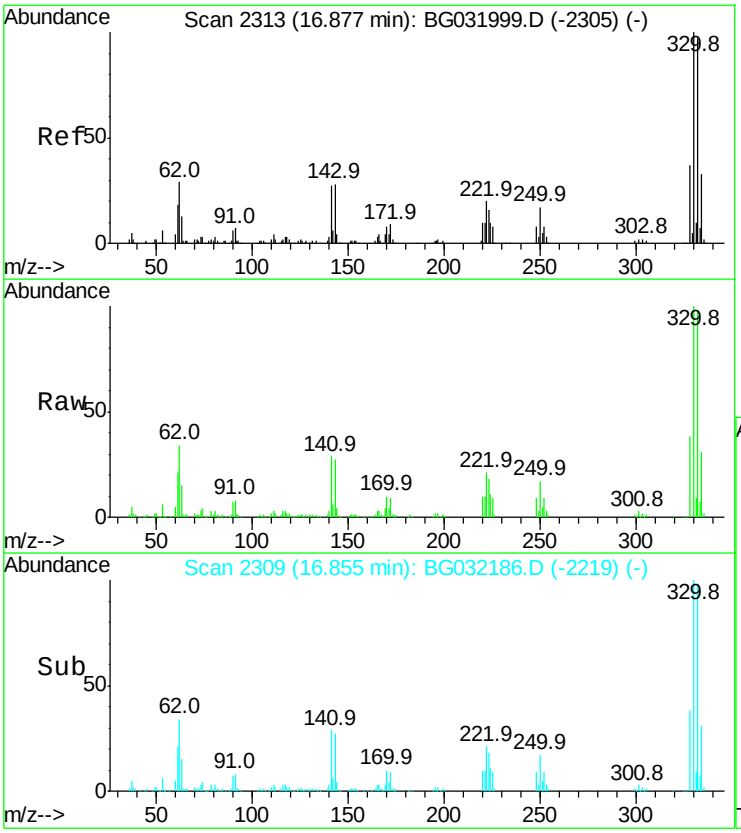
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 123036

Ion	Ratio	Lower	Upper
164	100		
162	97.9	78.8	118.2
160	44.9	35.4	53.0

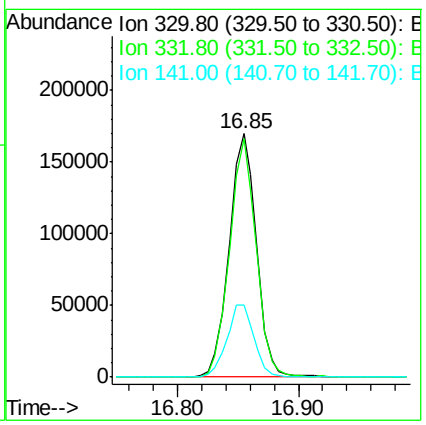


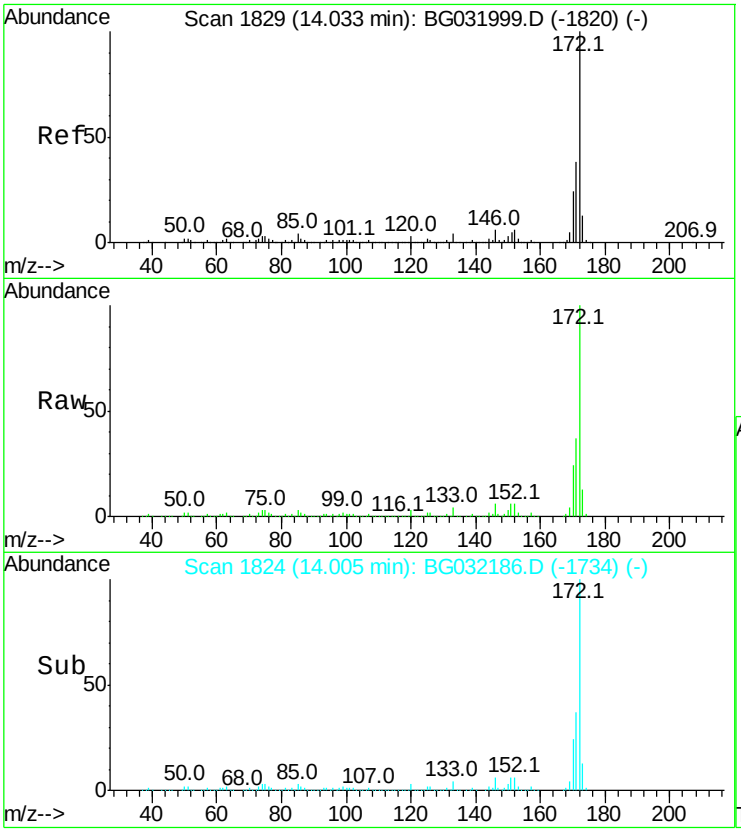


#41
2,4,6-Tribromophenol
Concen: 130.736 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:330 Resp: 266173

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	29.9	25.2	37.8



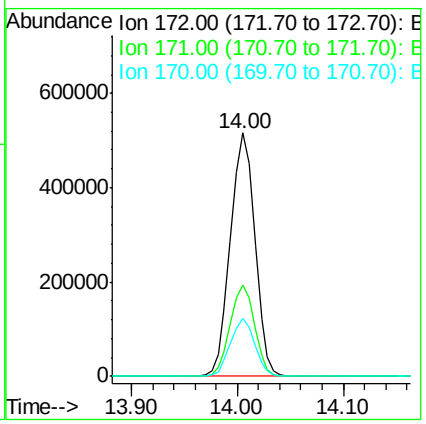


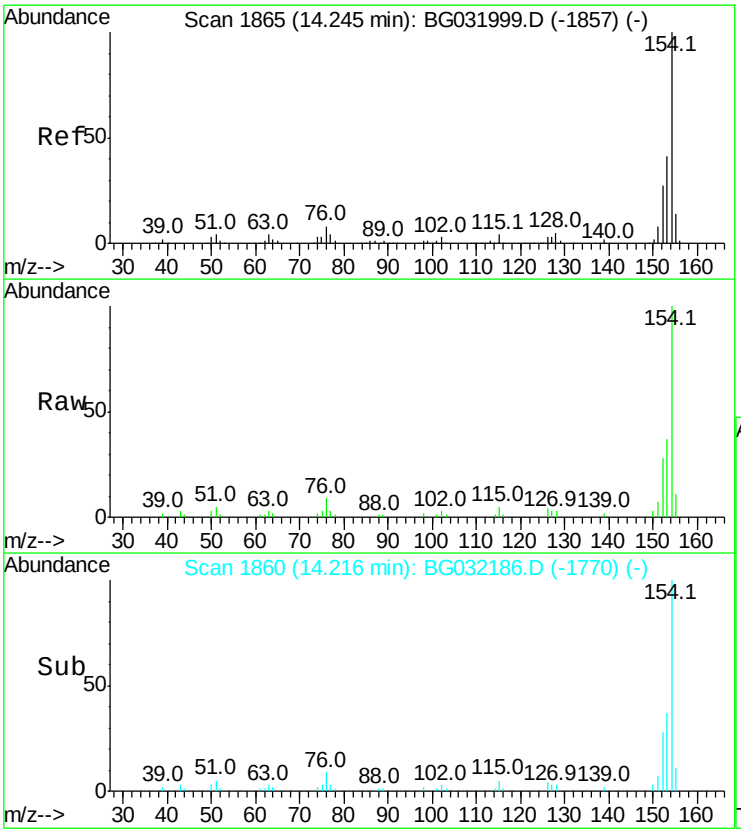
#44
2-Fluorobiphenyl
Concen: 83.169 ng
RT: 14.00 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 825257

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	23.8	19.5	29.3

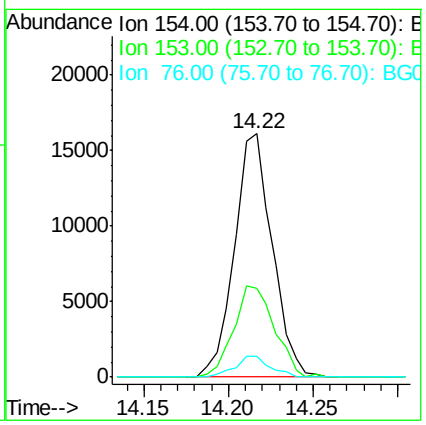


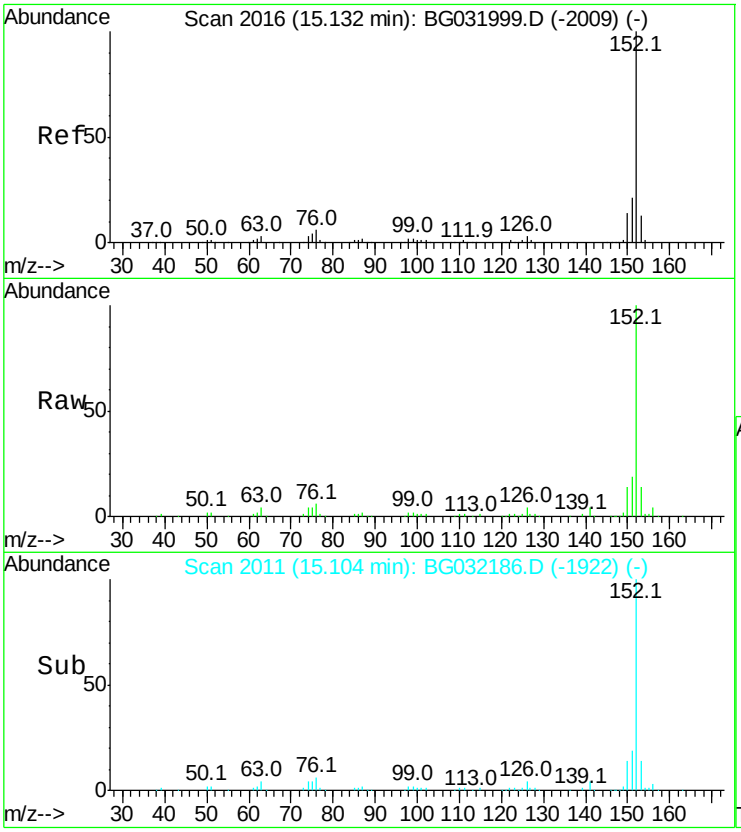


#45
1,1'-Biphenyl
Concen: 2.380 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:154 Resp: 25106

Ion	Ratio	Lower	Upper
154	100		
153	36.6	19.8	59.8
76	8.6	0.0	31.9



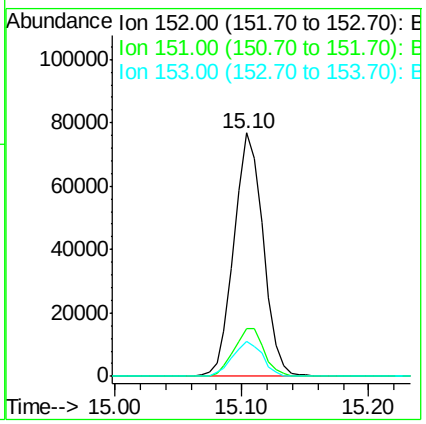


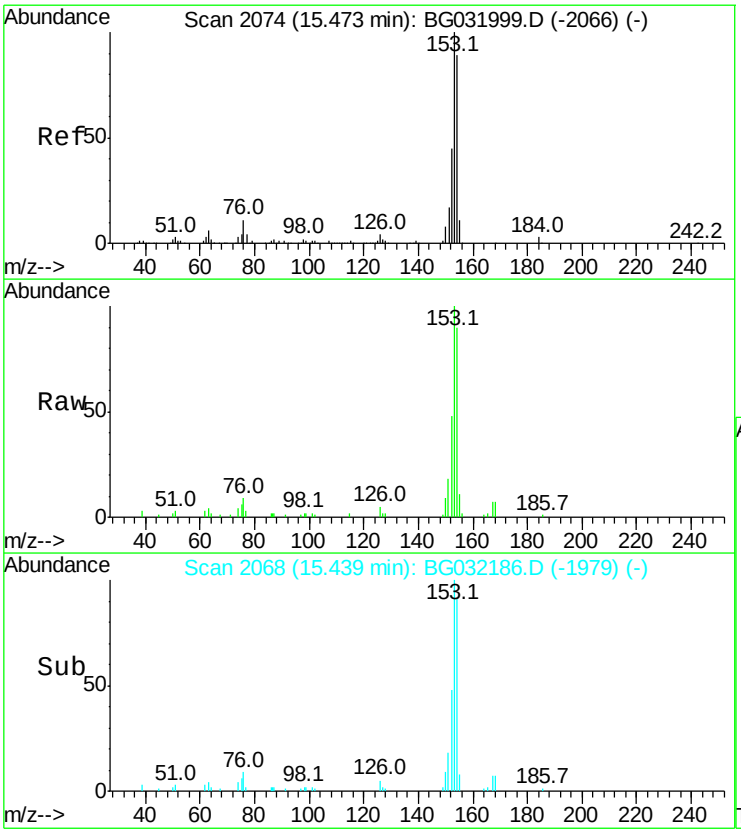
#48
Acenaphthylene
Concen: 9.814 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 122623

Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.2	25.8
153	14.2	10.2	15.4

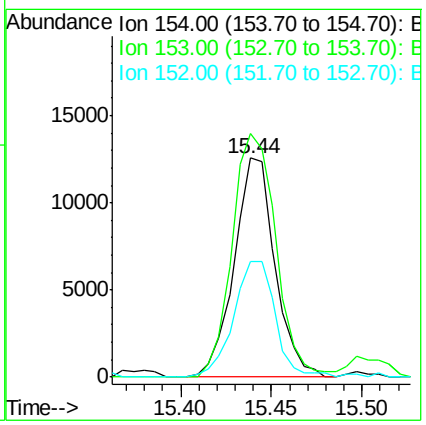


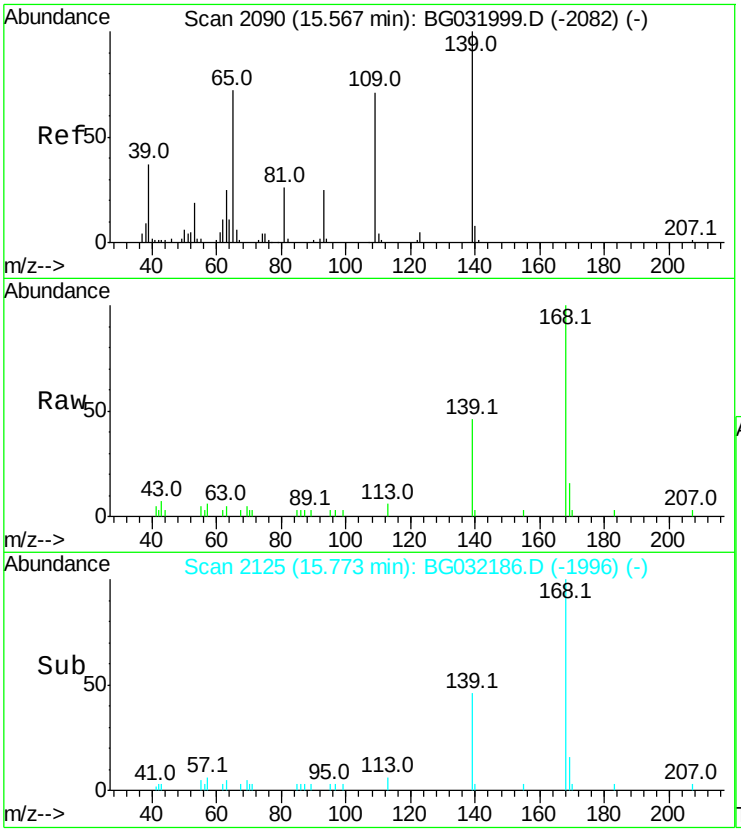


#51
Acenaphthene
Concen: 2.379 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:154 Resp: 19652

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.4	135.6
152	52.8	41.6	62.4



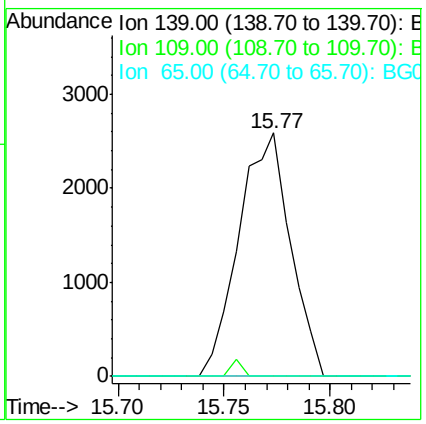


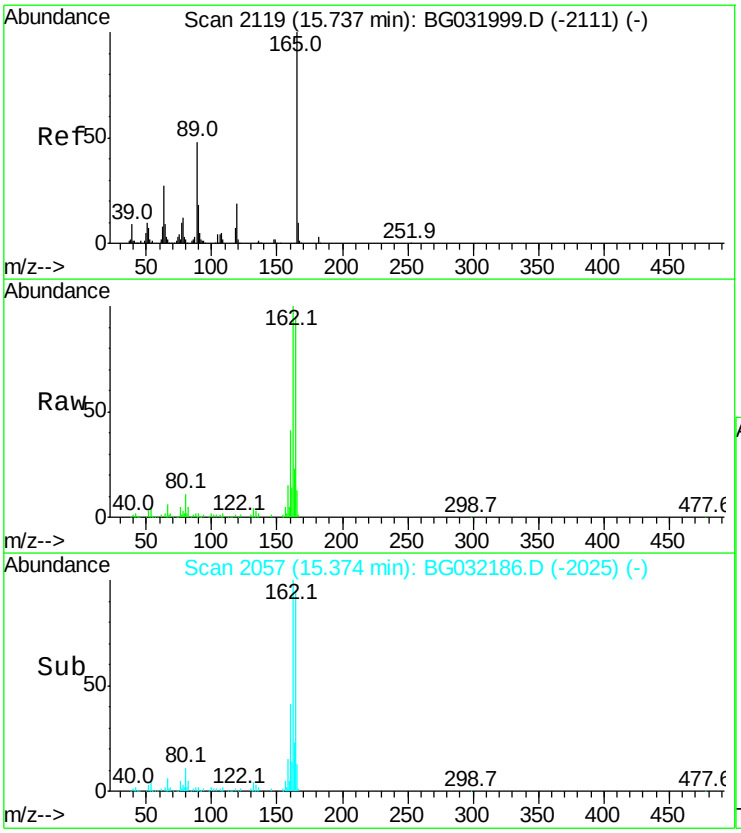
#55
4-Nitrophenol
Concen: 2.983 ng
RT: 15.77 min Scan# 2125
Delta R.T. 0.23 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:139 Resp: 4388

Ion	Ratio	Lower	Upper
139	100		
109	0.0	62.2	102.2#
65	0.0	97.2	137.2#

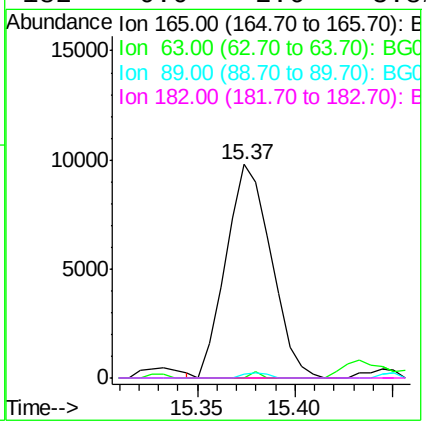


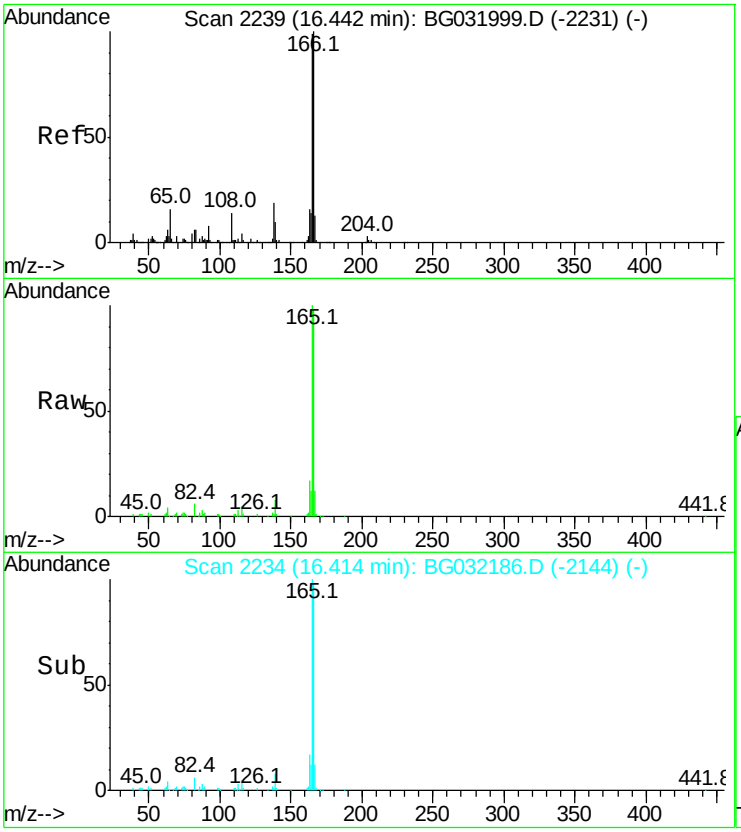


#56
2,4-Dinitrotoluene
Concen: 5.210 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.34 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:165 Resp: 15677

Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	1.9	66.9	100.3#
182	0.0	2.6	3.8#



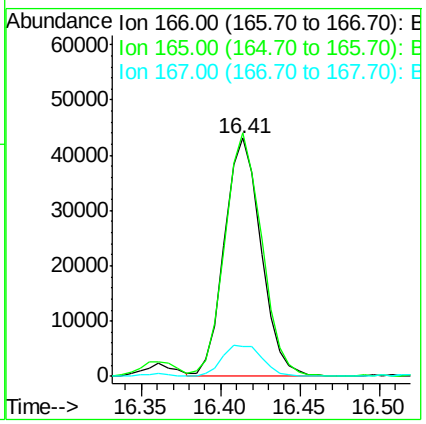


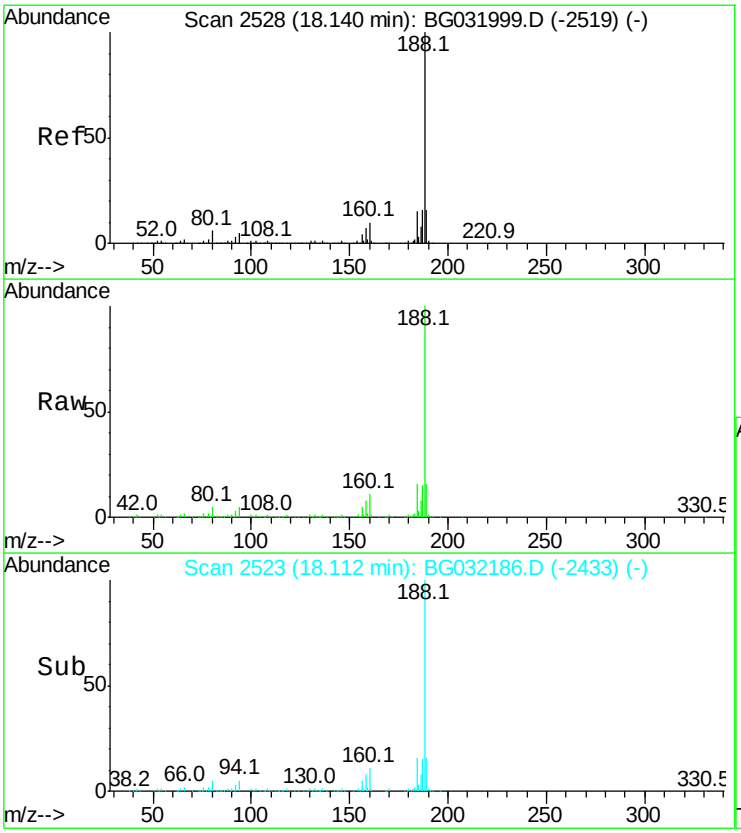
#57
Fluorene
Concen: 6.814 ng
RT: 16.41 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 68880

Ion	Ratio	Lower	Upper
166	100		
165	102.3	80.6	121.0
167	12.3	10.4	15.6

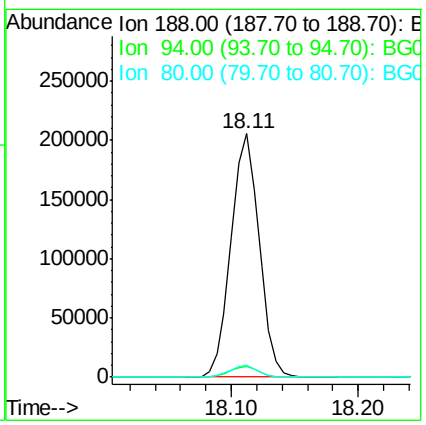


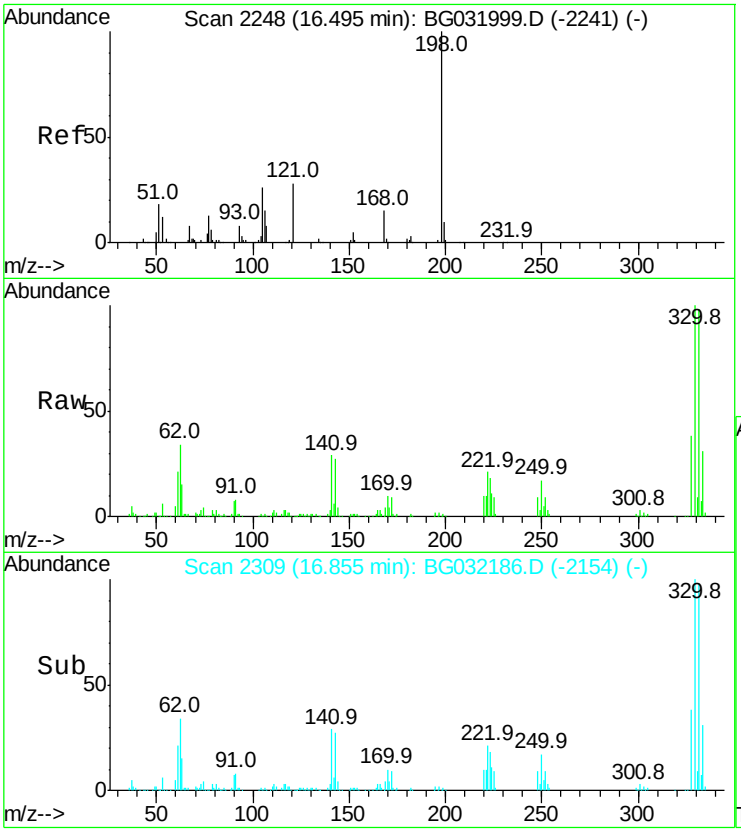


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:188 Resp: 315611

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.8	7.7	11.5#



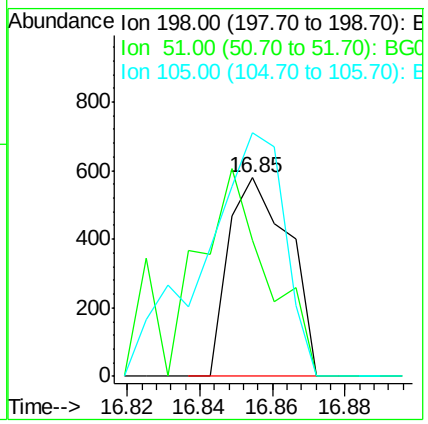


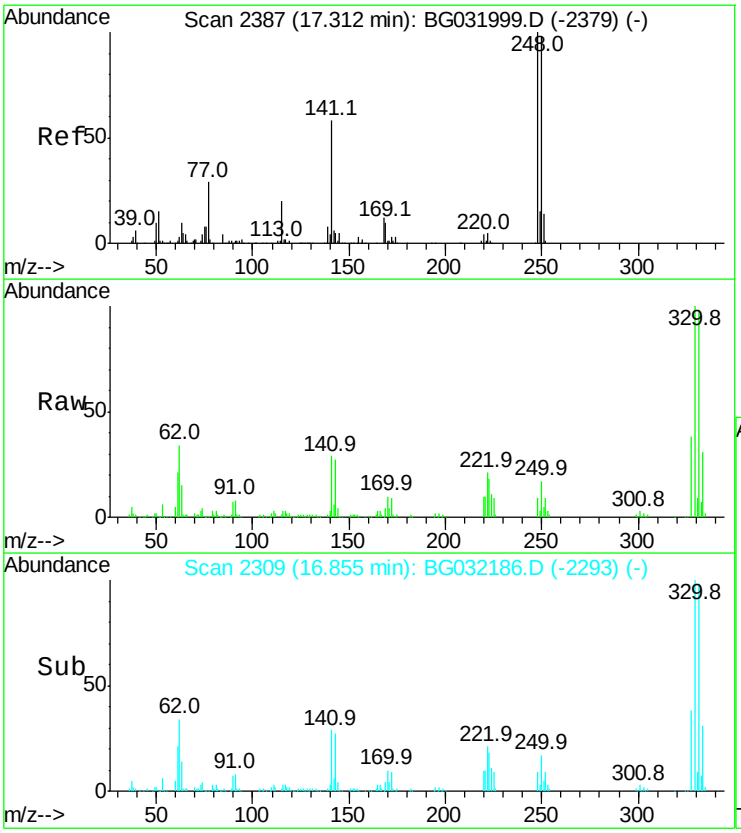
#64
4,6-Dinitro-2-methylphenol
Concen: 5.180 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.38 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:198 Resp: 666

Ion	Ratio	Lower	Upper
198	100		
51	68.7	30.6	70.6
105	122.6	23.8	63.8#

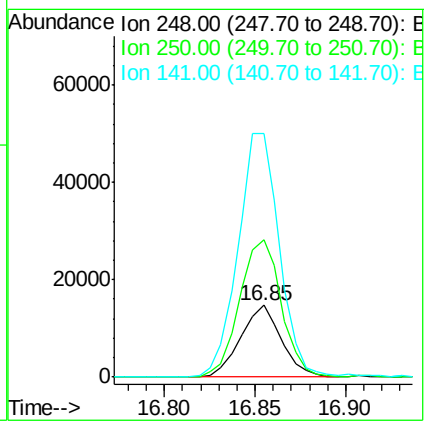


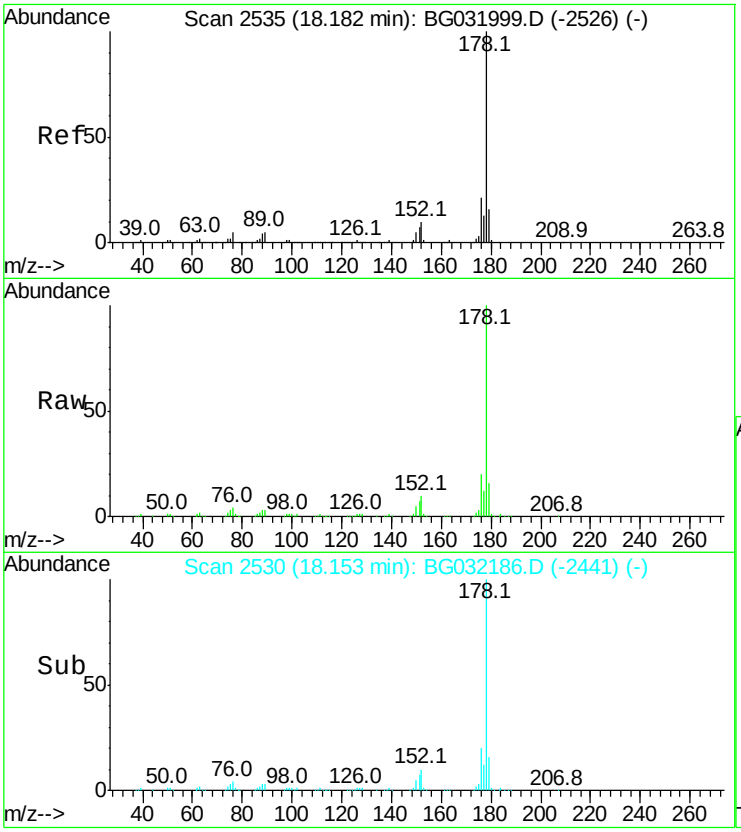


#66
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.44 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:248 Resp: 22894

Ion	Ratio	Lower	Upper
248	100		
250	190.5	77.1	115.7#
141	338.1	50.8	76.2#



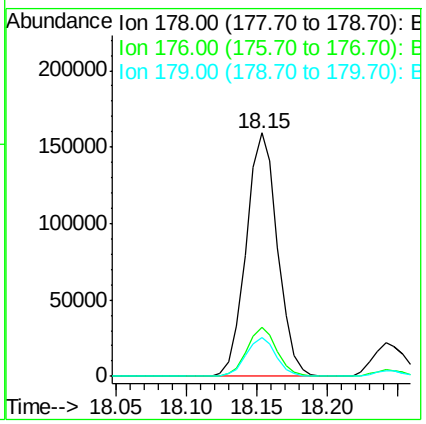


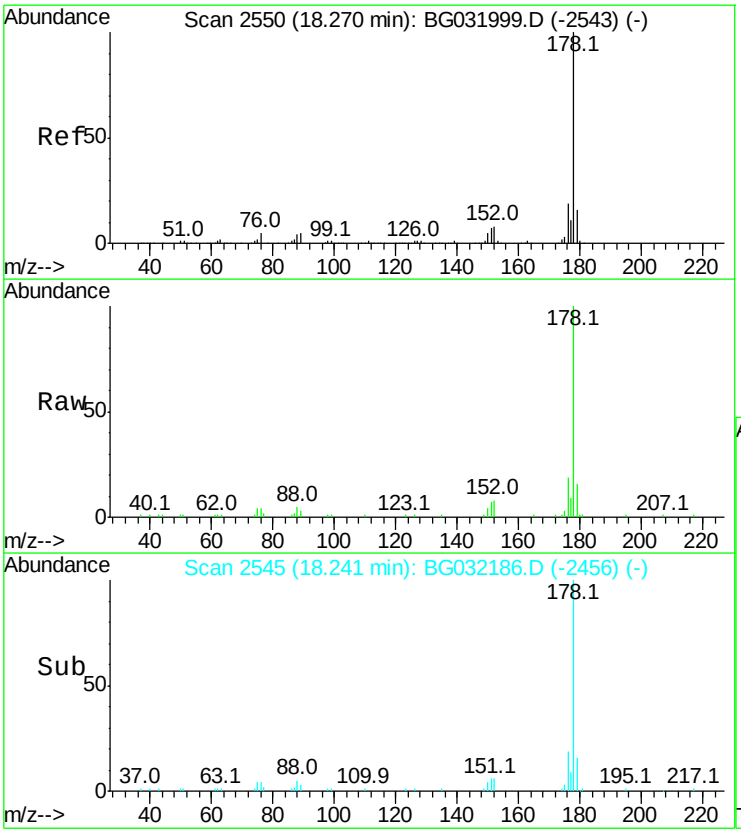
#70
Phenanthrene
Concen: 14.143 ng
RT: 18.15 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 248519

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.9	12.5	18.7

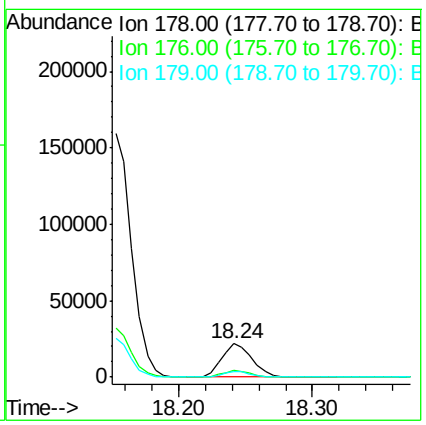


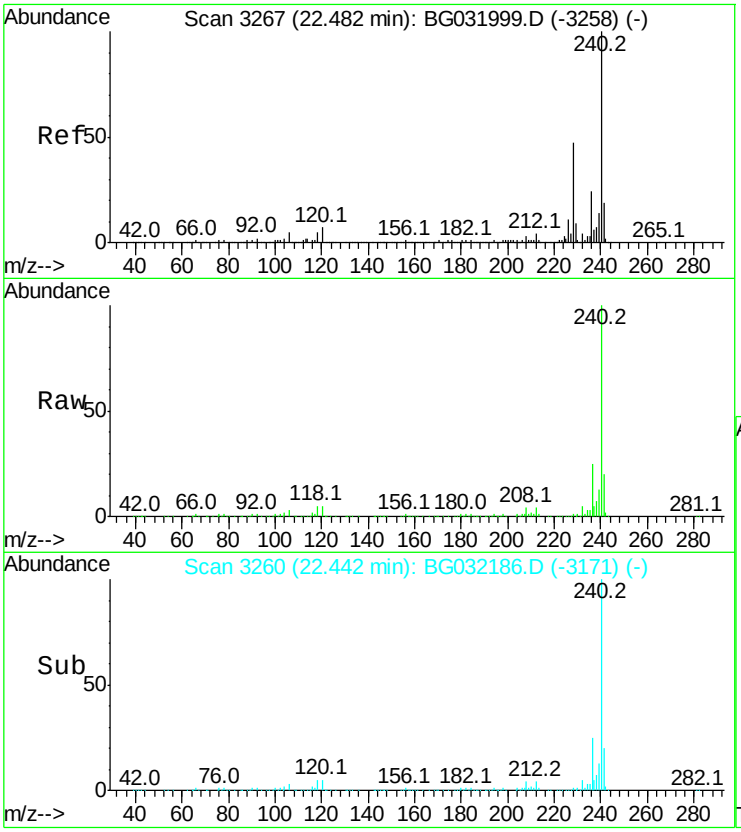


#71
Anthracene
Concen: 2.031 ng
RT: 18.24 min Scan# 2545
Delta R.T. -0.01 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:178 Resp: 35594

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.5	12.5	18.7



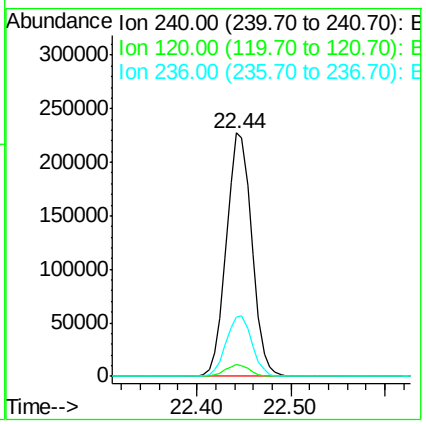


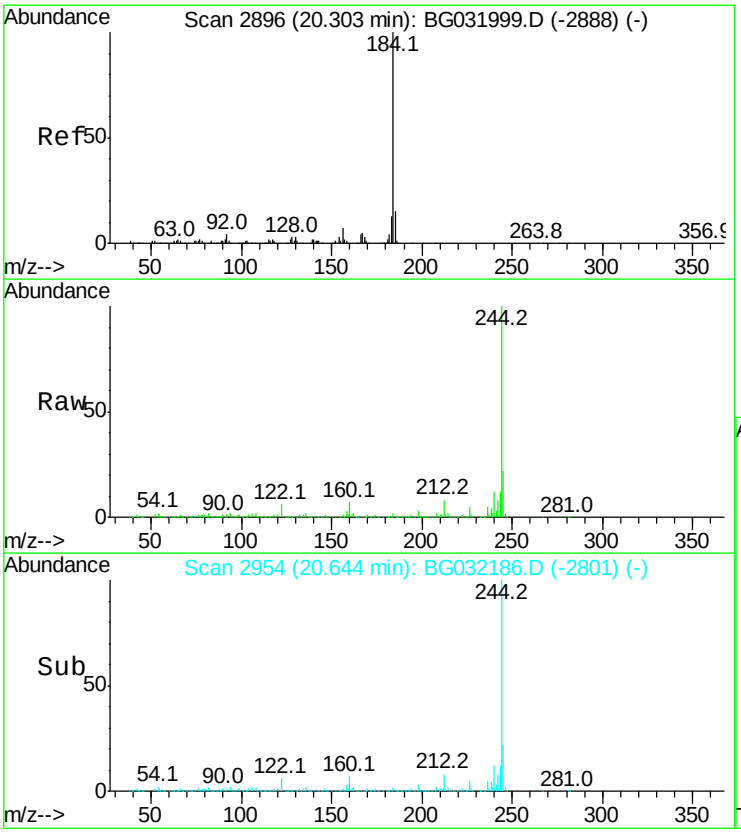
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:240 Resp: 428391

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	24.5	20.9	31.3

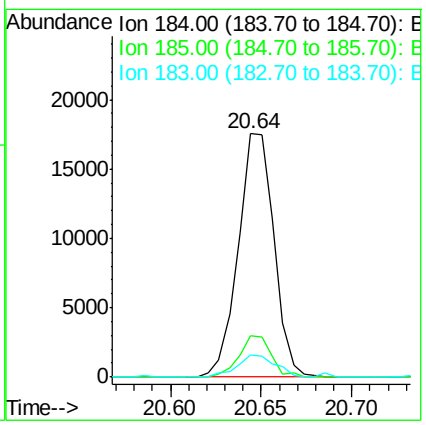


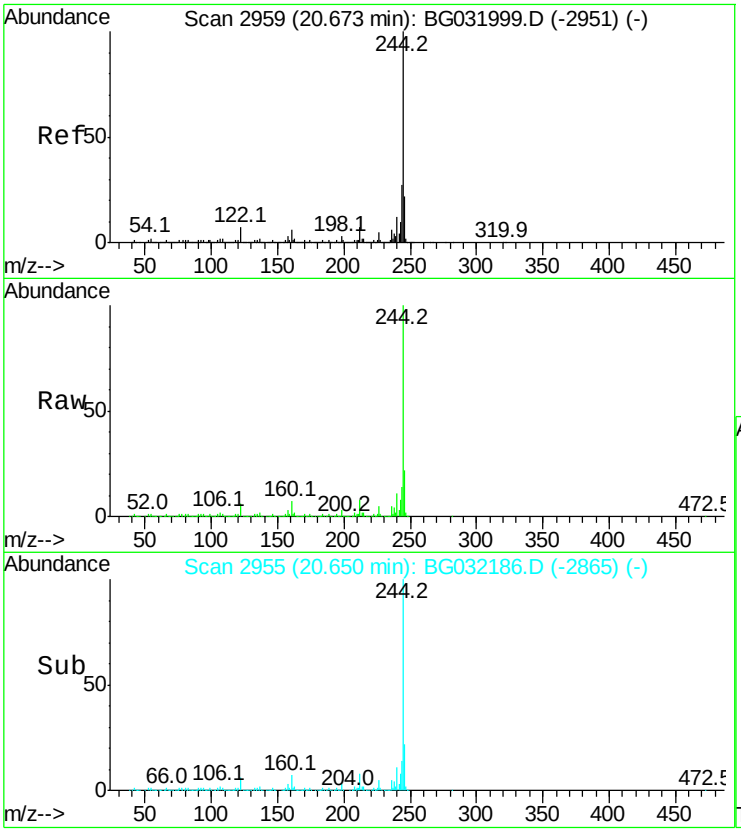


#76
Benzidine
Concen: 2.242 ng
RT: 20.64 min Scan# 2954
Delta R.T. 0.37 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:184 Resp: 24017

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.1	16.7#
183	9.3	10.6	16.0#



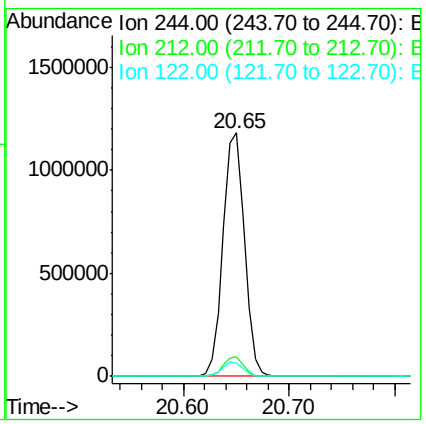


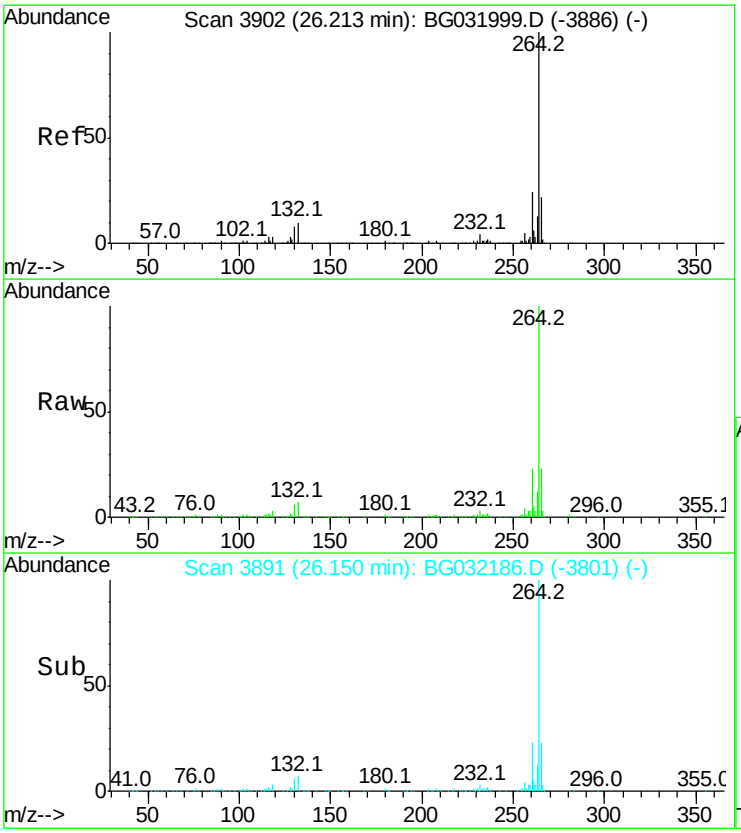
#78
Terphenyl-d14
Concen: 85.351 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:244 Resp: 1655934

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.15 min Scan# 3891
Delta R.T. -0.00 min
Lab File: BG032186.D
Acq: 20 Jan 2018 19:20

Tgt Ion:264 Resp: 448848

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	23.4	17.7	26.5