Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012018\
Data File : BG032188.D
Acq On : 20 Jan 2018 20:35
Operator : SJ/JU
Sample : J1188-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-1

Quant Time: Jan 22 16:26:34 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	47760	20.00	ng	0.00
21) Naphthalene-d8	11.63	136	184052	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	118270	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	298949	20.00	ng	0.00
75) Chrysene-d12	22.45	240	401950	20.00	ng	0.00
86) Perylene-d12	26.14	264	434870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	353389	135.33	ng	0.01
7) Phenol-d6	7.85	99	392113	119.23	ng	0.00
23) Nitrobenzene-d5	9.95	82	301027	110.65	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	339161	173.30	ng	0.00
44) 2-Fluorobiphenyl	14.01	172	993202	104.13	ng	0.00
78) Terphenyl-d14	20.65	244	1636750	89.91	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.88	94	37753	11.653	ng	92
15) Benzyl Alcohol	8.99	79	442628	185.261	ng	96
17) 2-Methylphenol	9.18	107	44052	17.792	ng	93
20) 3+4-Methylphenols	9.50	107	52815	15.398	ng	94
31) Naphthalene	11.68	128	18990	2.083	ng	96
32) Benzoic acid	11.26	122	1720093	753.590	ng	86
49) Dimethylphthalate	14.80	163	42236	4.081	ng	99

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

Quantitation Report (QT Reviewed)

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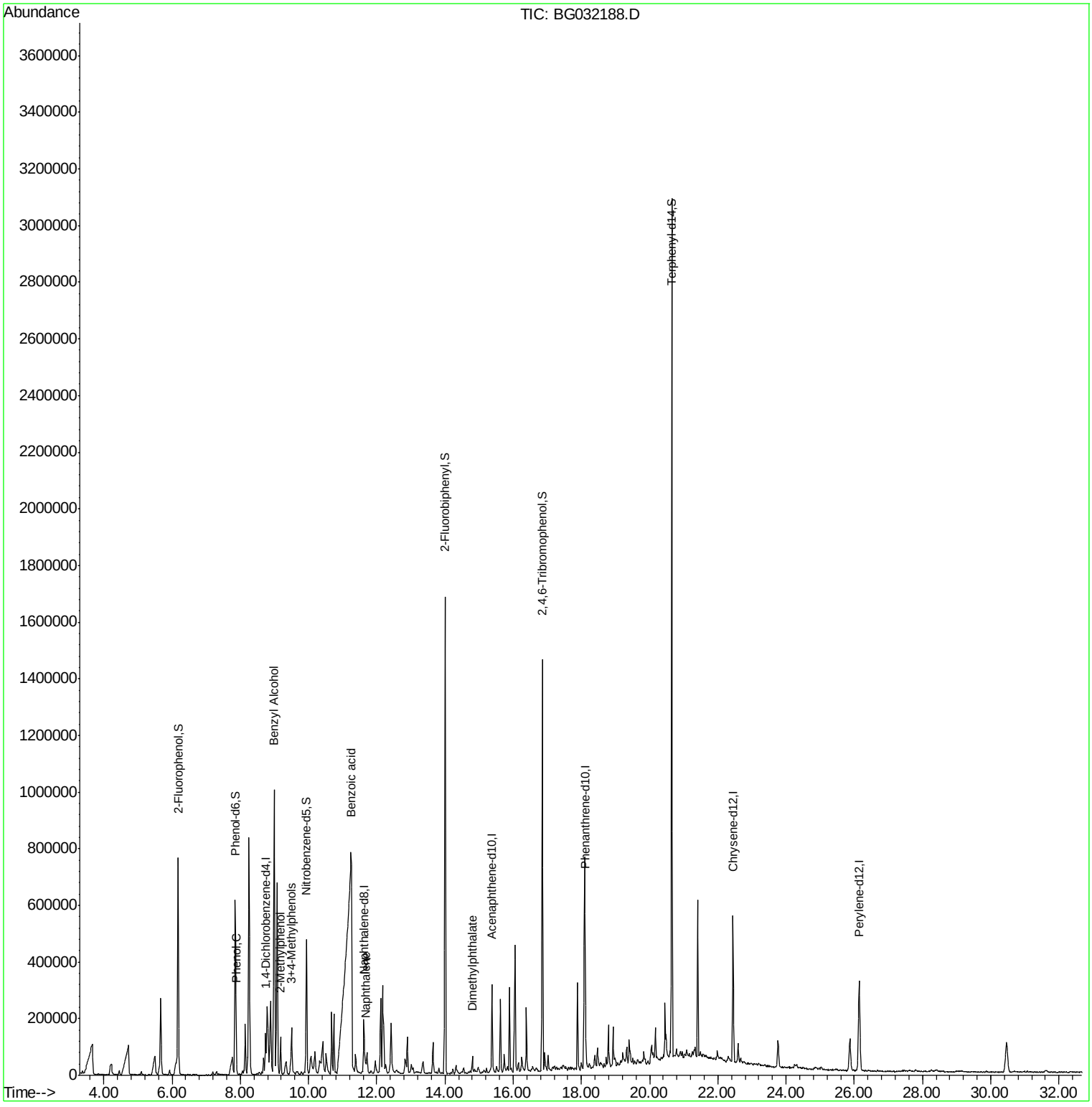
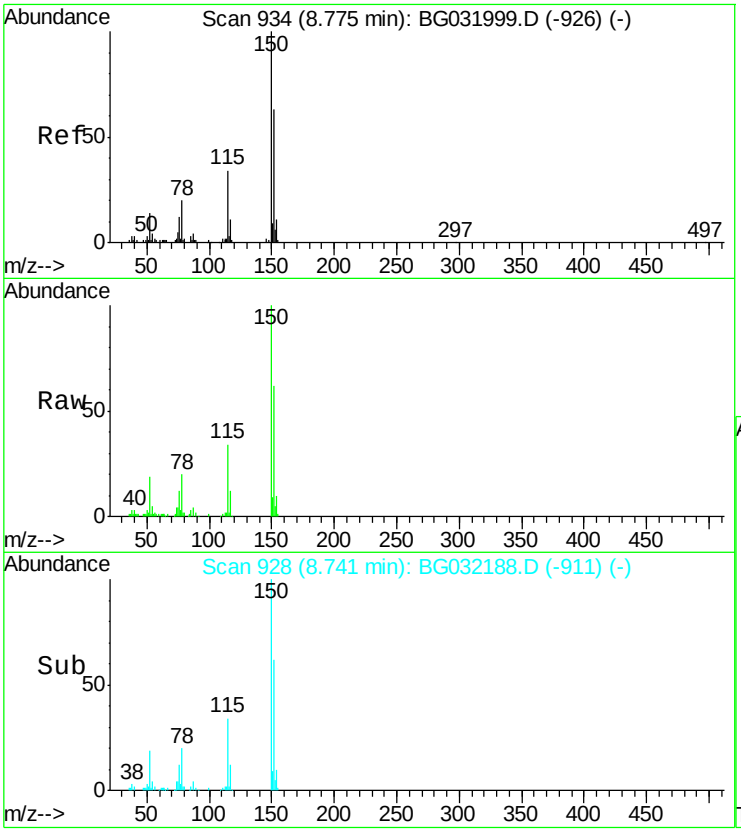


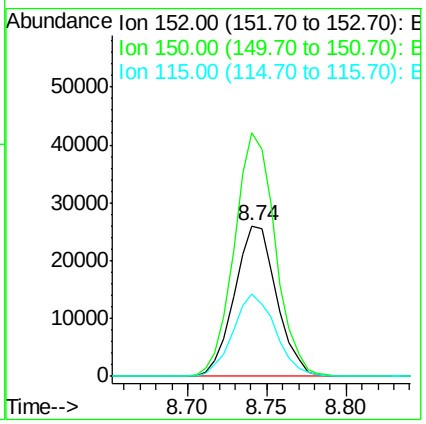


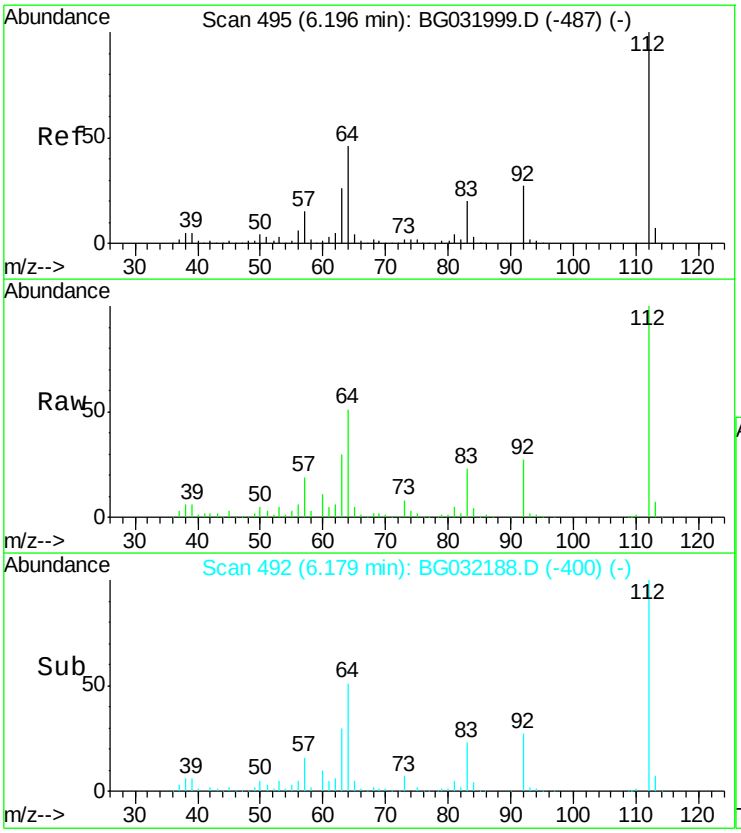
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:152 Resp: 47760

Ion	Ratio	Lower	Upper
152	100		
150	161.9	126.6	189.8
115	55.0	53.0	79.4

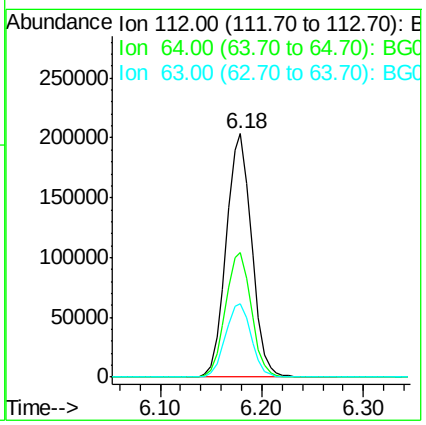


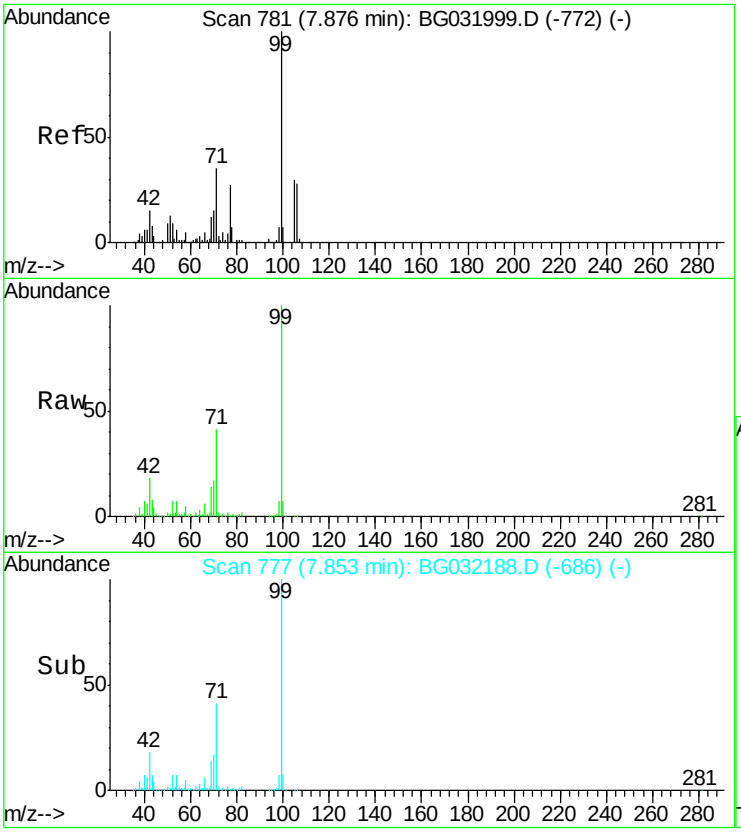


#5
2-Fluorophenol
Concen: 135.328 ng
RT: 6.18 min Scan# 492
Delta R.T. 0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:112 Resp: 353389

Ion	Ratio	Lower	Upper
112	100		
64	51.0	56.3	84.5#
63	30.2	30.1	45.1



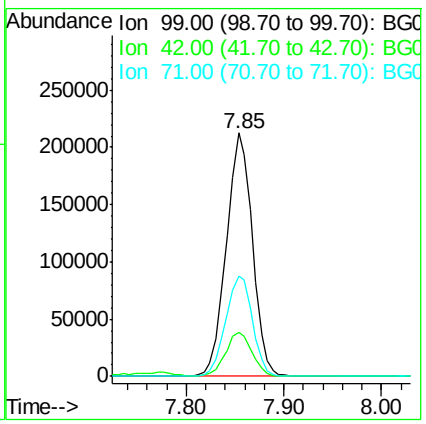


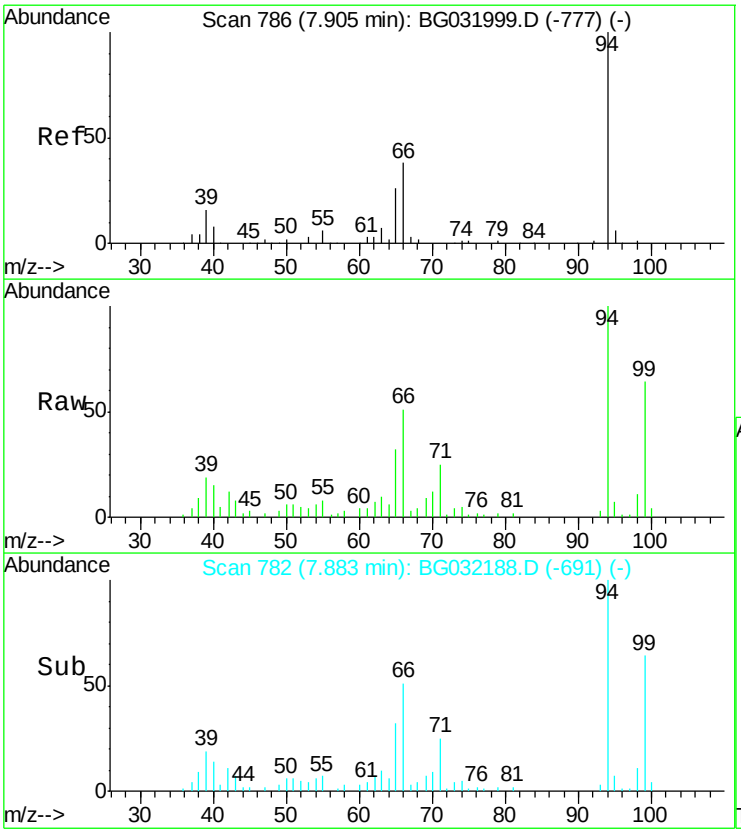
#7
Phenol-d6
Concen: 119.225 ng
RT: 7.85 min Scan# 777
Delta R.T. 0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion: 99 Resp: 392113

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	41.0	26.1	39.1#

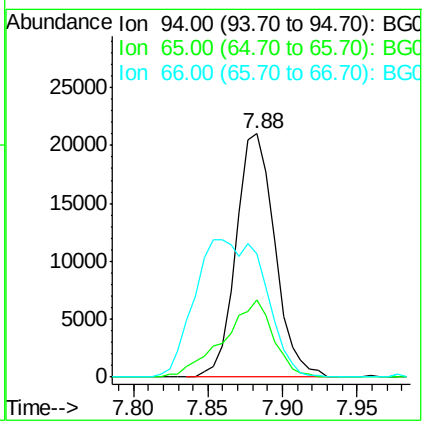


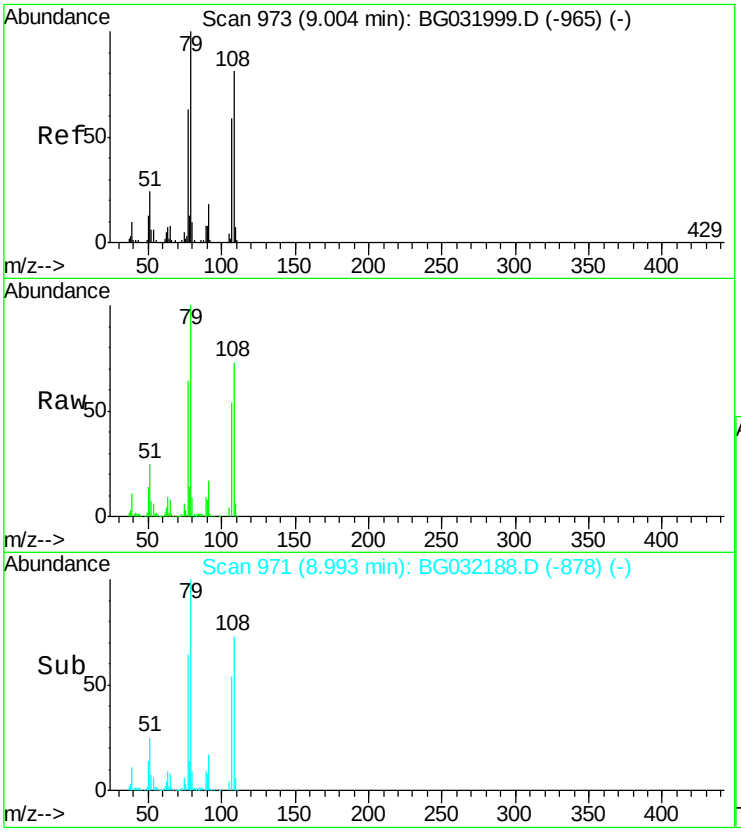


#10
Phenol
Concen: 11.653 ng
RT: 7.88 min Scan# 782
Delta R.T. 0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion: 94 Resp: 37753

Ion	Ratio	Lower	Upper
94	100		
65	31.7	11.9	51.9
66	50.9	22.2	62.2



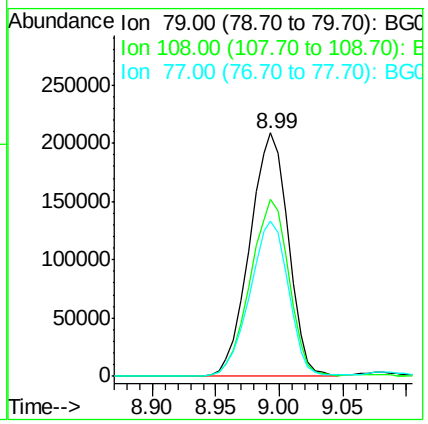


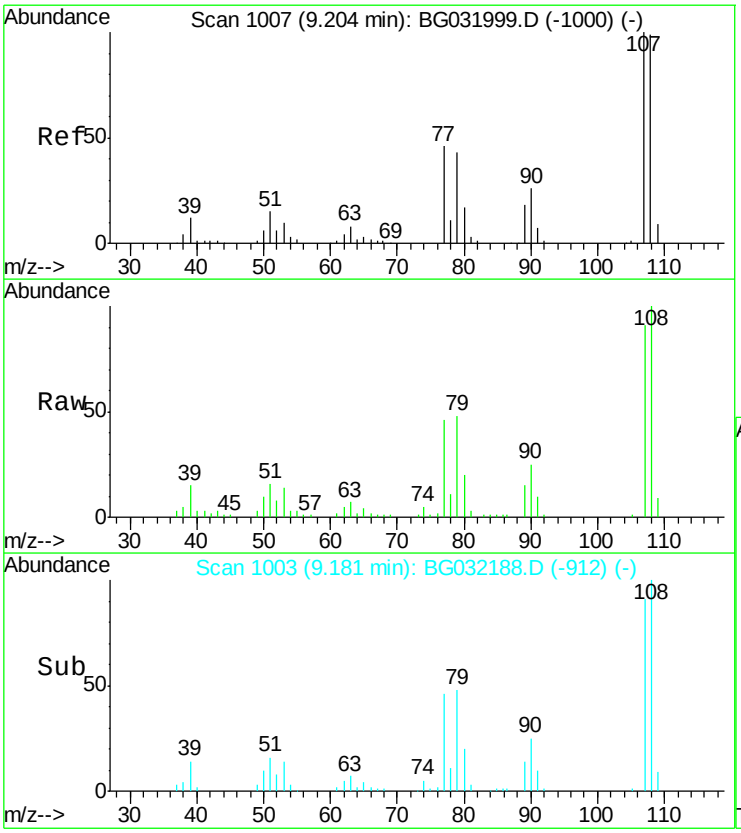
#15
Benzyl Alcohol
Concen: 185.261 ng
RT: 8.99 min Scan# 971
Delta R.T. 0.02 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion: 79 Resp: 442628

Ion	Ratio	Lower	Upper
79	100		
108	72.5	57.2	85.8
77	63.8	46.1	69.1

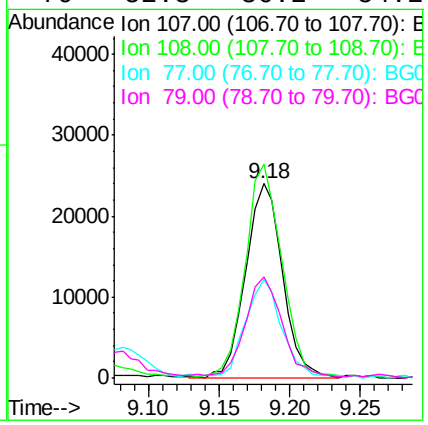


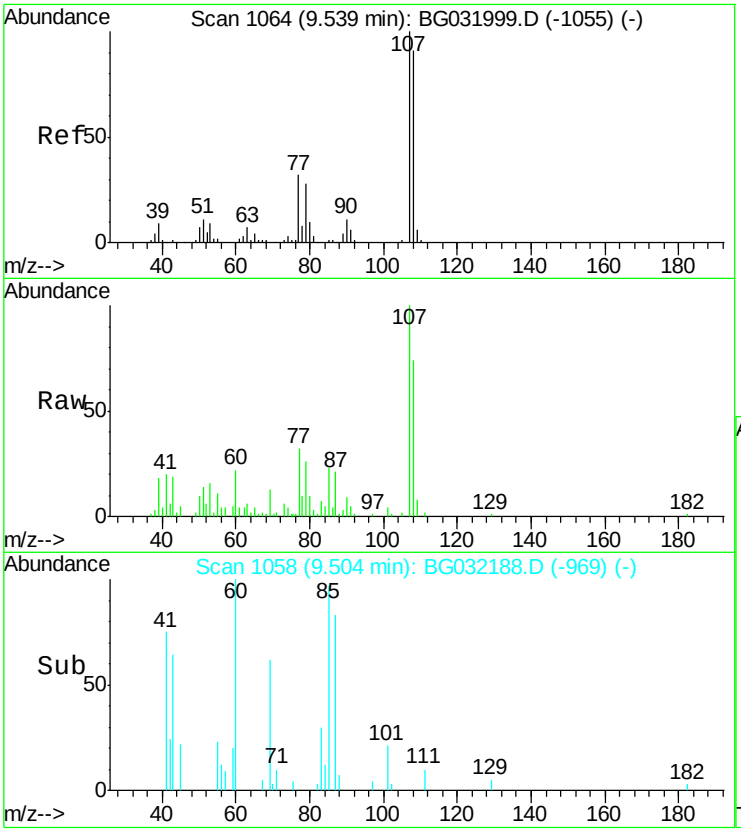


#17
2-Methylphenol
Concen: 17.792 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:107 Resp: 44052

Ion	Ratio	Lower	Upper
107	100		
108	109.8	83.9	125.9
77	50.9	37.2	55.8
79	52.3	36.2	54.2



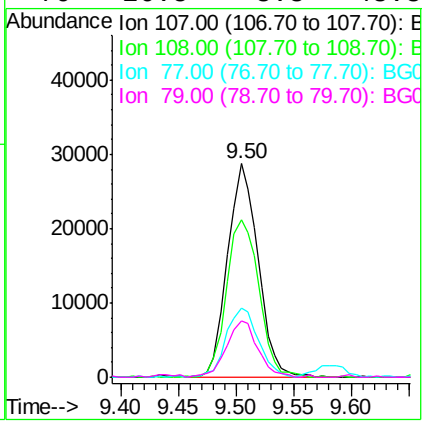


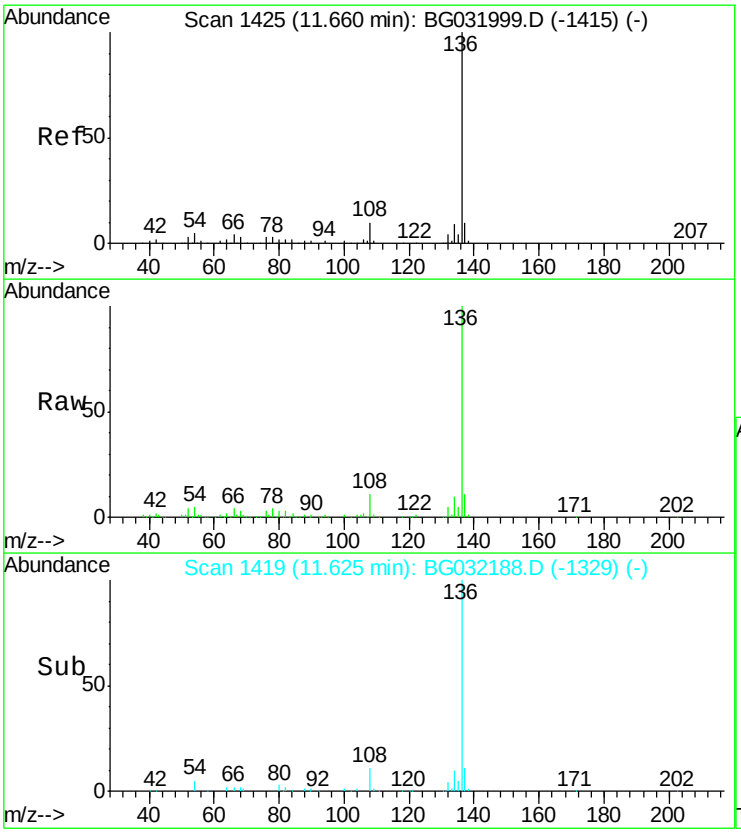
#20
3+4-Methylphenols
Concen: 15.398 ng
RT: 9.50 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:107 Resp: 52815

Ion	Ratio	Lower	Upper
107	100		
108	73.9	61.6	101.6
77	32.5	13.9	53.9
79	26.5	8.8	48.8

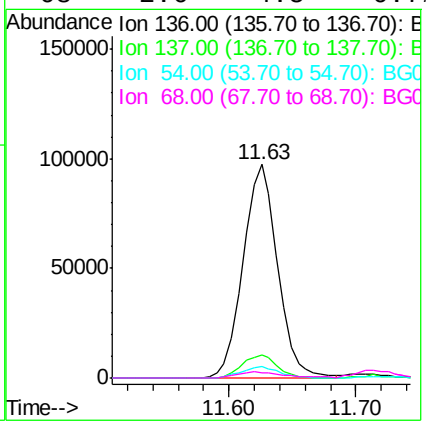


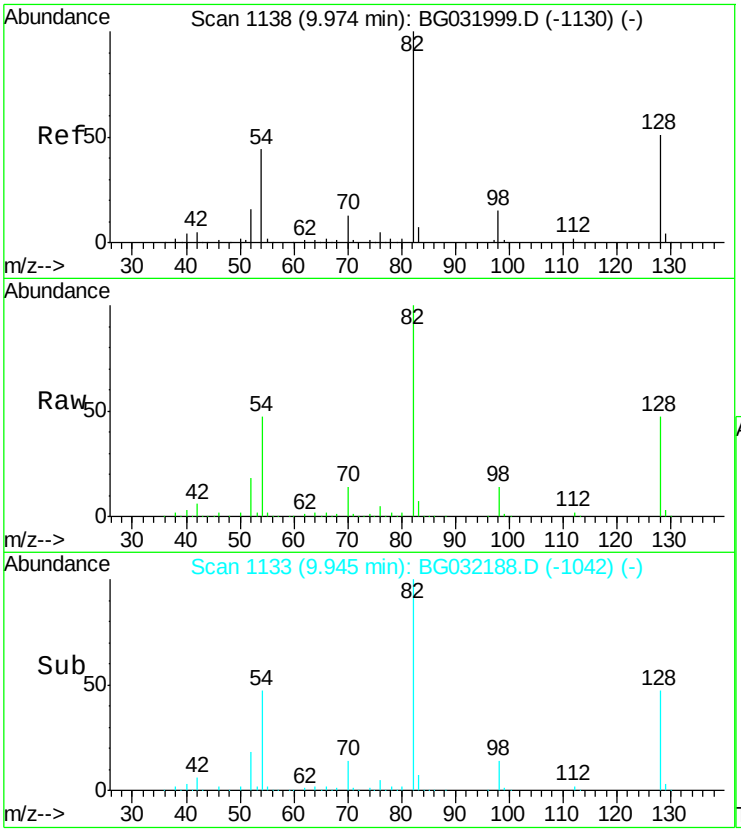


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.63 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:136 Resp: 184052

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.5	10.3	15.5#
68	2.6	4.5	6.7#



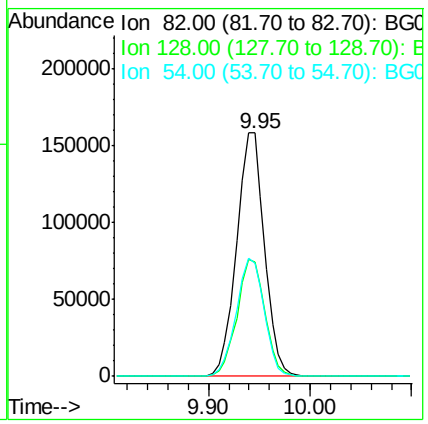


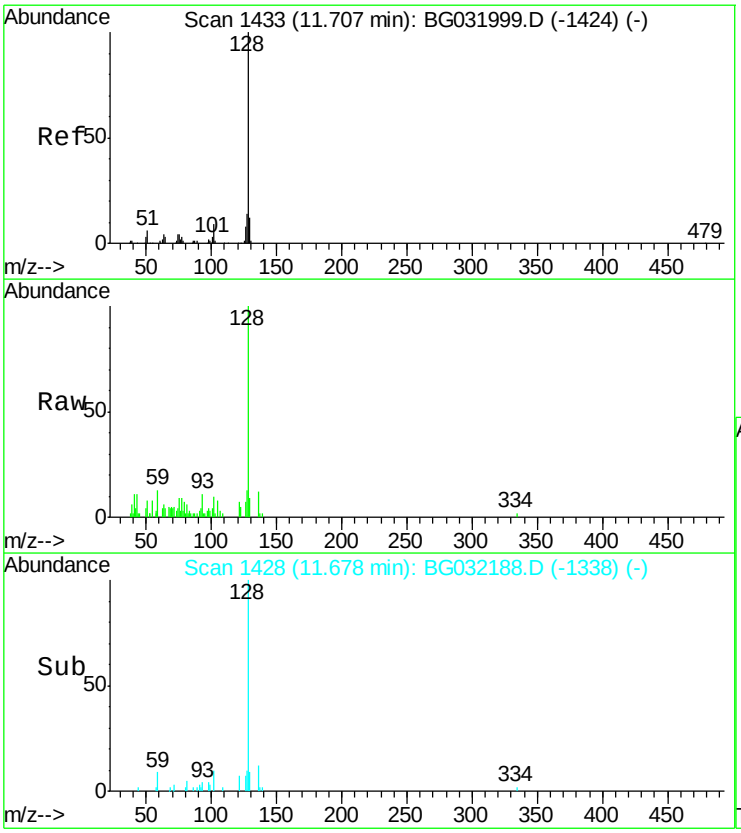
#23
Nitrobenzene-d5
Concen: 110.652 ng
RT: 9.95 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion: 82 Resp: 301027

Ion	Ratio	Lower	Upper
82	100		
128	46.8	29.7	44.5#
54	46.5	43.1	64.7

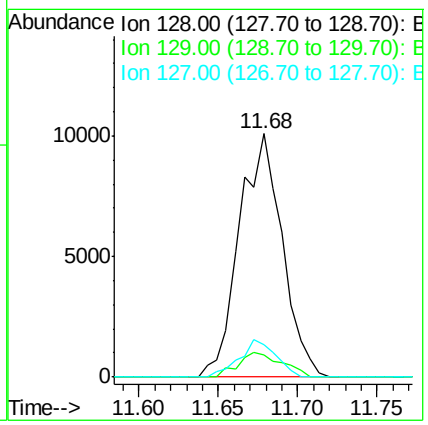


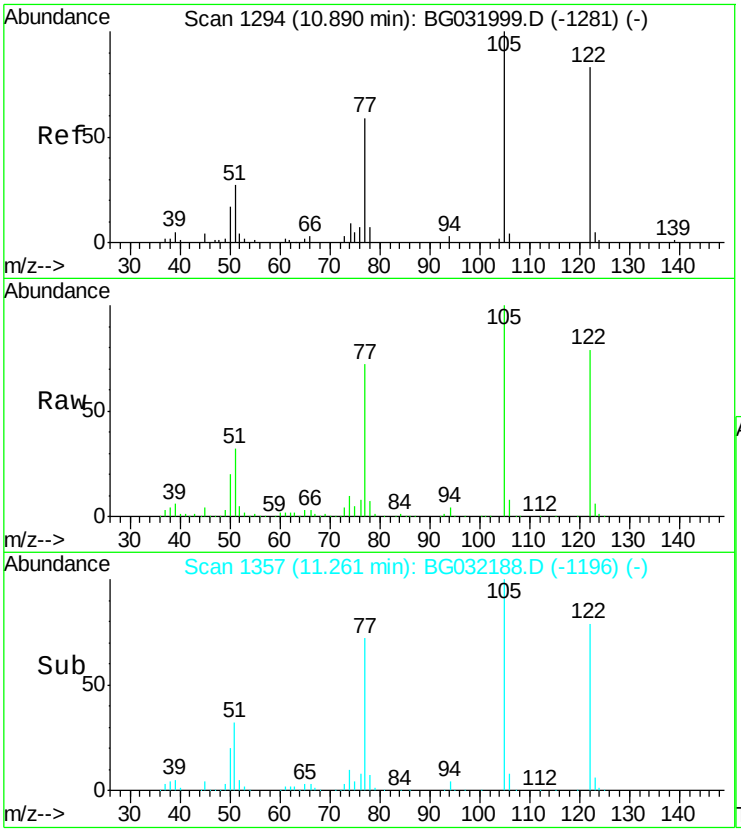


#31
Naphthalene
Concen: 2.083 ng
RT: 11.68 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:128 Resp: 18990

Ion	Ratio	Lower	Upper
128	100		
129	8.9	8.6	12.8
127	13.2	11.6	17.4



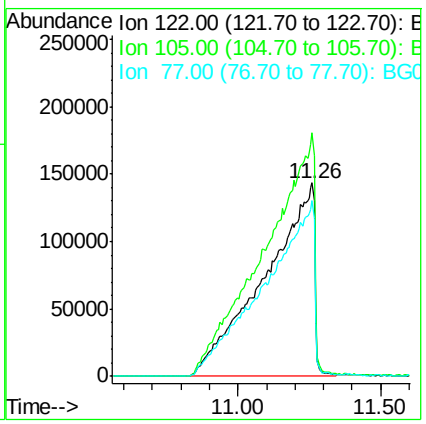


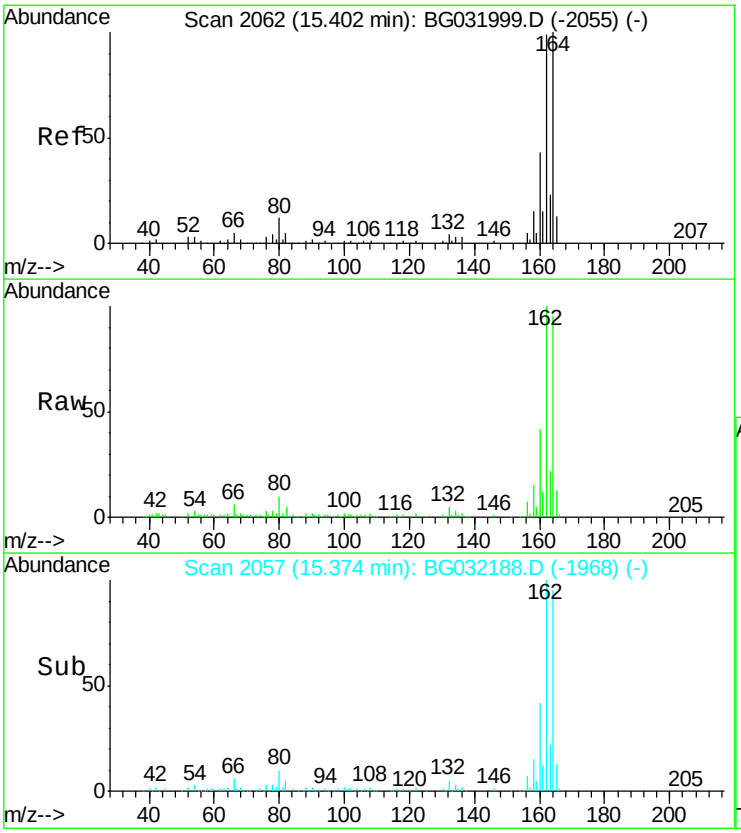
#32
Benzoic acid
Concen: 753.590 ng
RT: 11.26 min Scan# 1357
Delta R.T. 0.42 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:122 Resp: 1720093

Ion	Ratio	Lower	Upper
122	100		
105	126.1	123.5	163.5
77	91.3	85.7	125.7

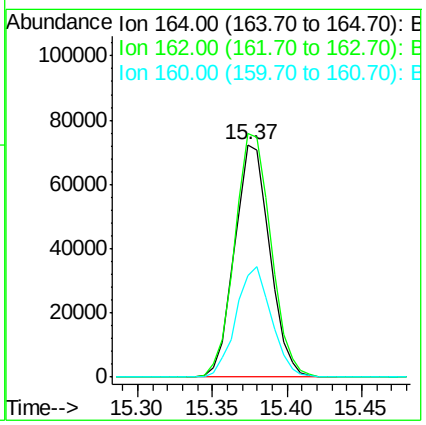


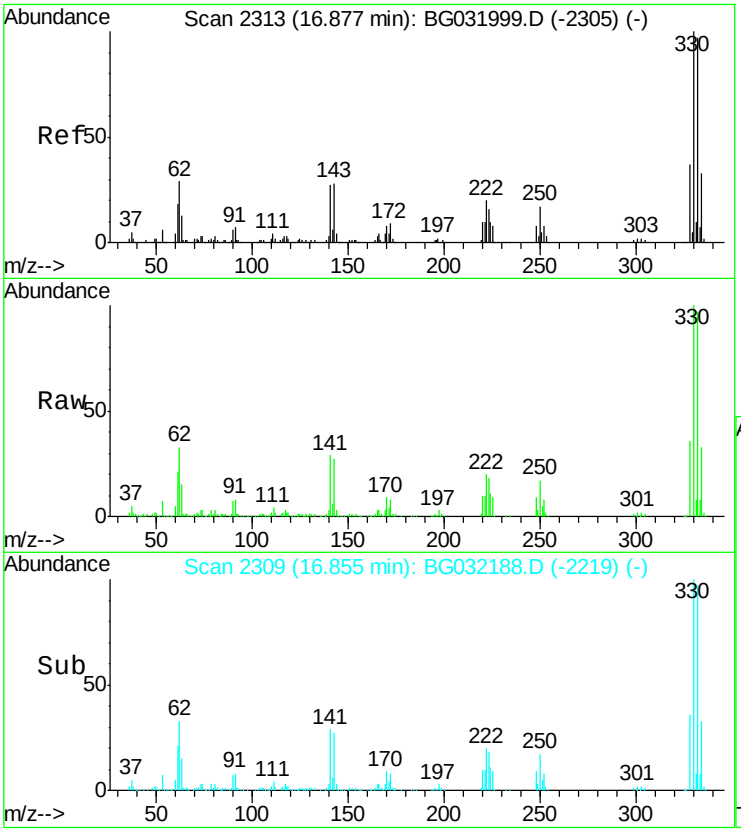


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:164 Resp: 118270

Ion	Ratio	Lower	Upper
164	100		
162	104.9	78.8	118.2
160	43.6	35.4	53.0



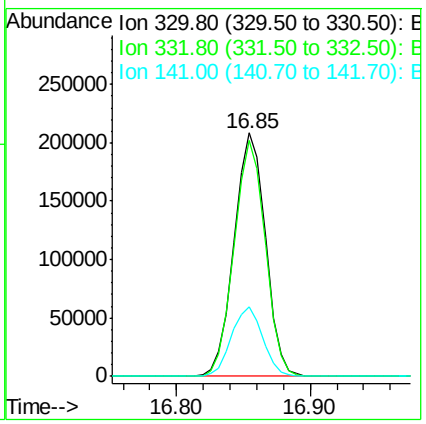


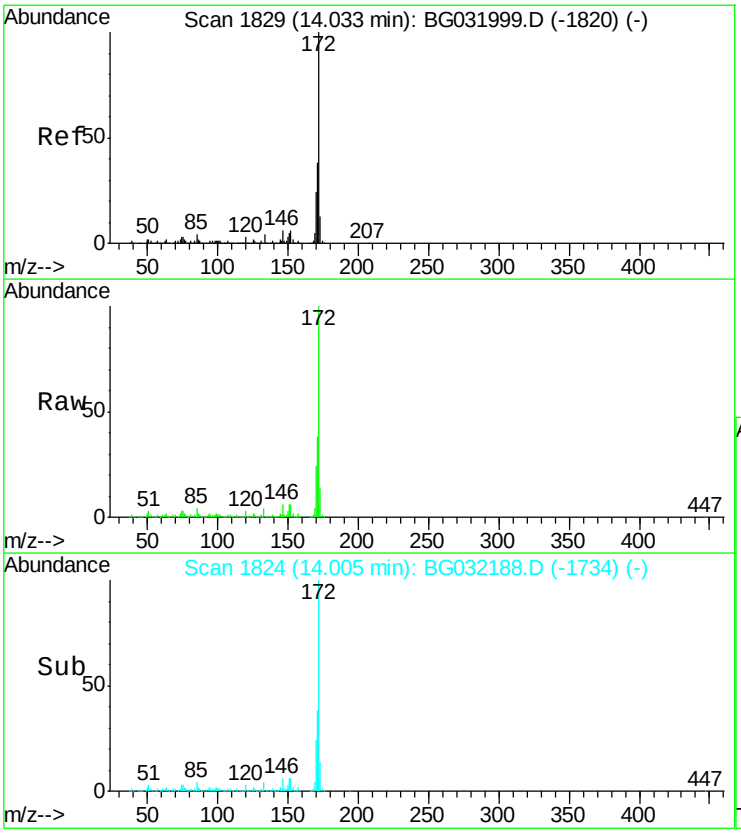
#41
2,4,6-Tribromophenol
Concen: 173.298 ng
RT: 16.85 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:330 Resp: 339161

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.9	25.2	37.8

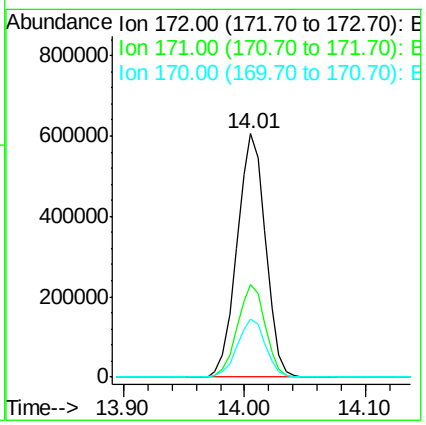


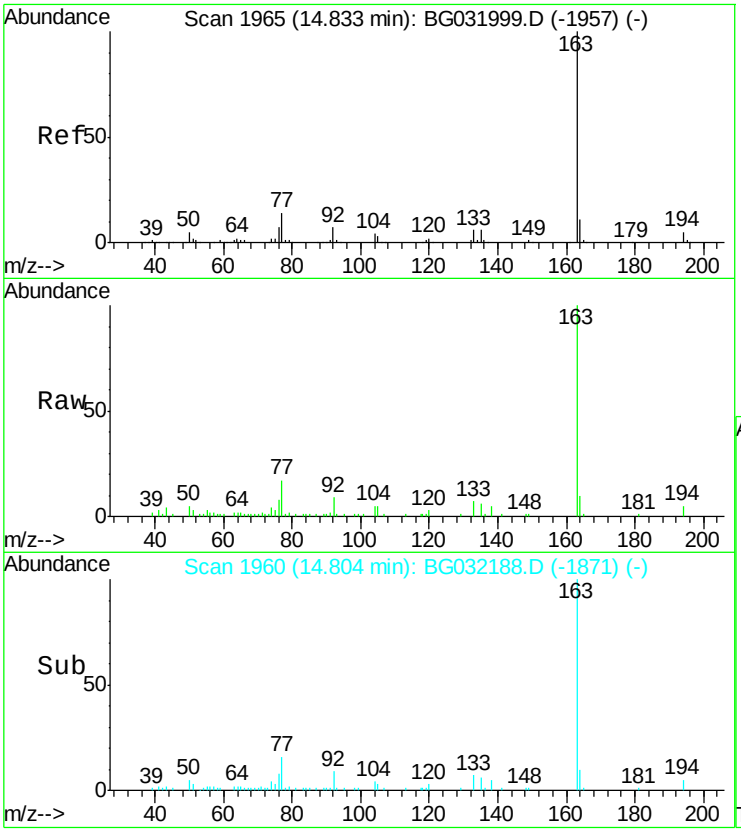


#44
2-Fluorobiphenyl
Concen: 104.128 ng
RT: 14.01 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:172 Resp: 993202

Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	23.7	19.5	29.3



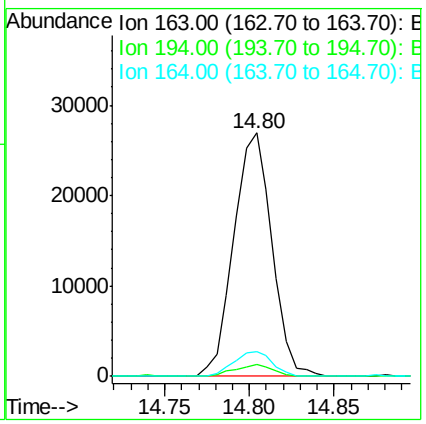


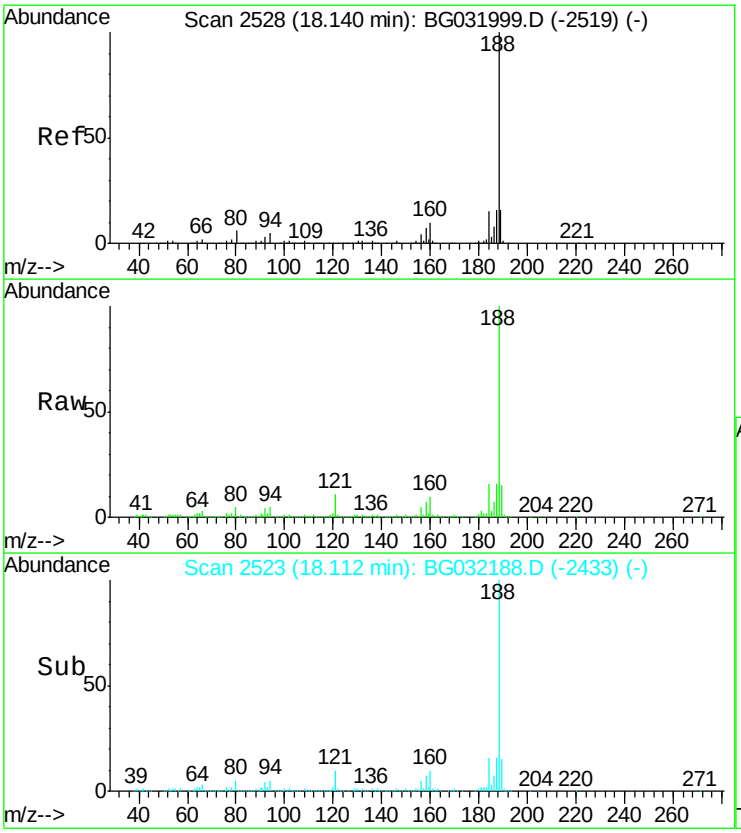
#49
Dimethylphthalate
Concen: 4.081 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:163 Resp: 42236

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	9.9	8.2	12.4

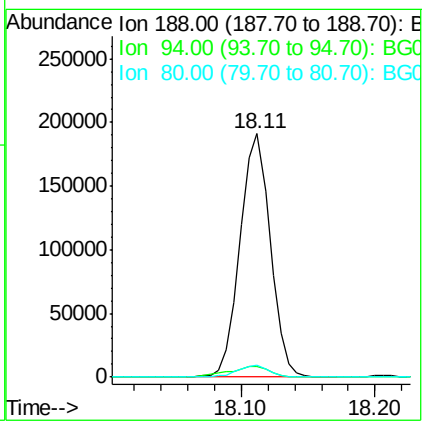


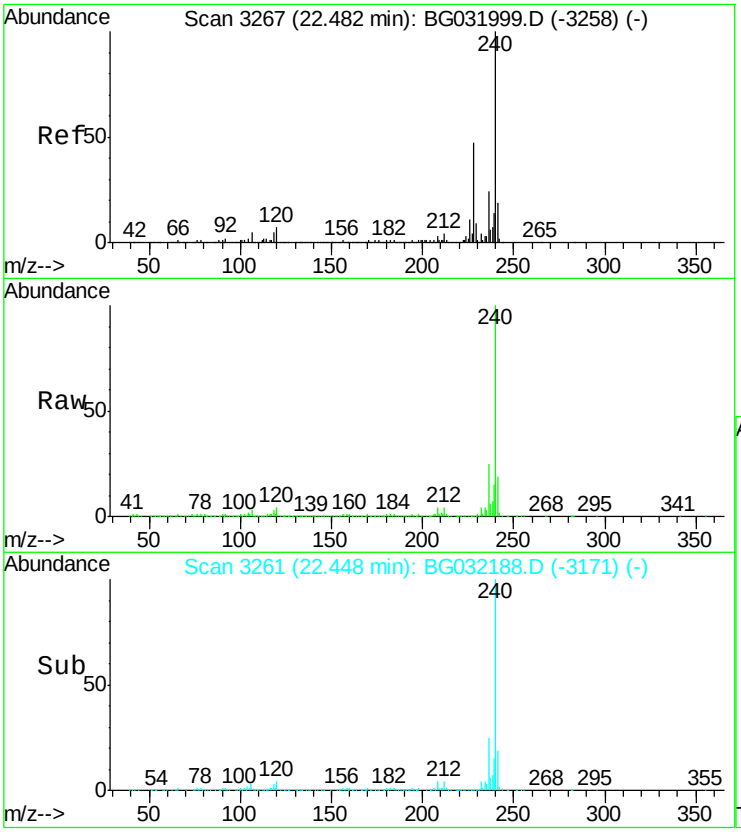


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:188 Resp: 298949

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.7	7.7	11.5#



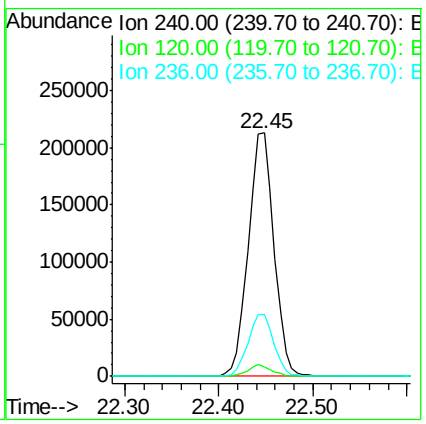


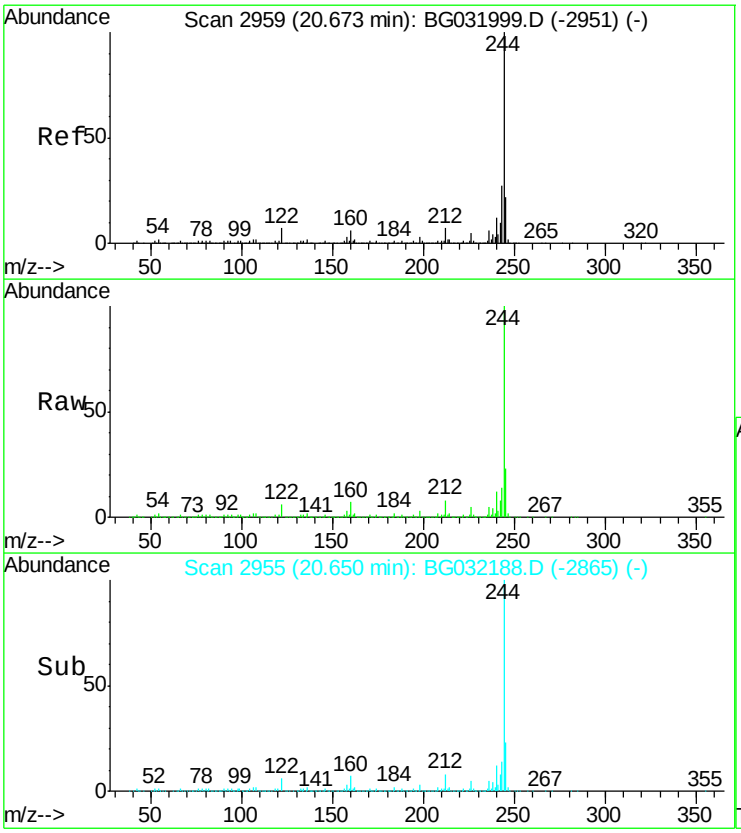
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:240 Resp: 401950

Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.8	10.2#
236	25.2	20.9	31.3

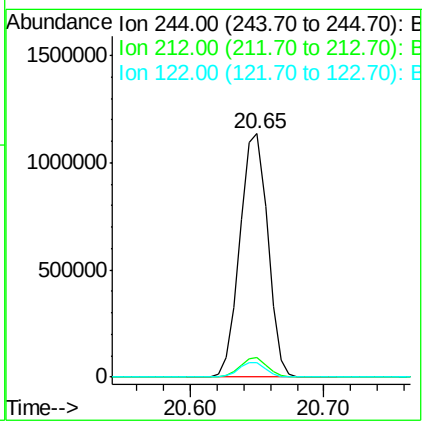


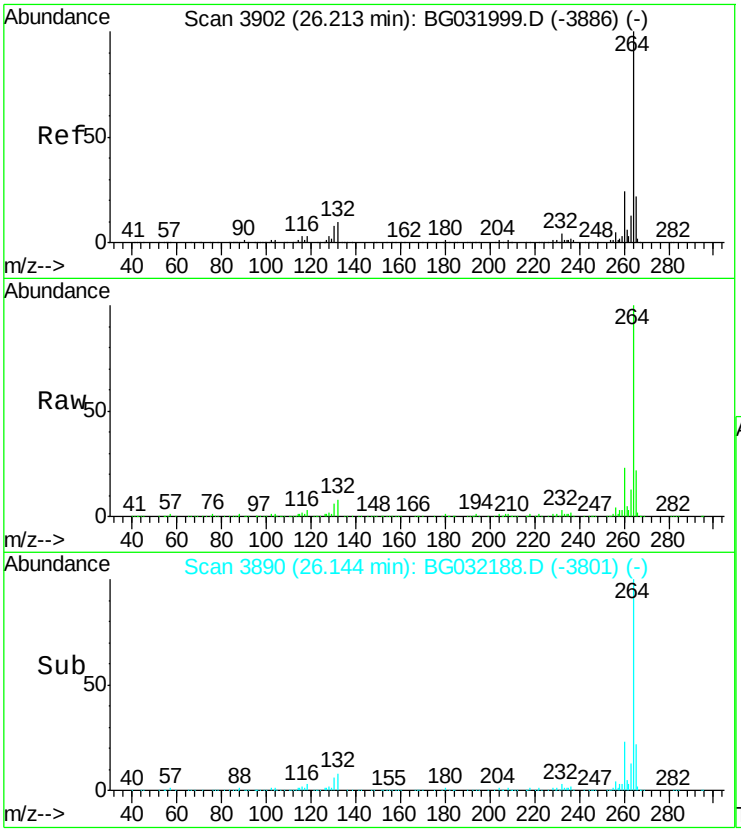


#78
Terphenyl-d14
Concen: 89.912 ng
RT: 20.65 min Scan# 2955
Delta R.T. -0.00 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Tgt Ion:244 Resp: 1636750

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	5.9	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.14 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BG032188.D
Acq: 20 Jan 2018 20:35

Instrument :
BNA_G
ClientSampleId :
OWS-1

Tgt Ion:264 Resp: 434870

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.1	17.7	26.5