Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032093.D
Acq On : 17 Jan 2018 6:05
Operator : SJ/JU
Sample : J1131-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-2

Quant Time: Jan 17 08:20:01 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49798	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	190683	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	128252	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	341816	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	412084	20.00	ng	-0.02
86) Perylene-d12	26.19	264	429080	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	333798	122.59	ng	0.00
7) Phenol-d6	7.87	99	384224	112.05	ng	0.00
23) Nitrobenzene-d5	9.96	82	271745	96.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	293957	138.51	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	922716	89.21	ng	0.00
78) Terphenyl-d14	20.66	244	1799005	96.39	ng	-0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	9.52	107	26435	7.392	ng	96
31) Naphthalene	11.70	128	45268	4.792	ng	98
49) Dimethylphthalate	14.82	163	22798	2.031	ng	98

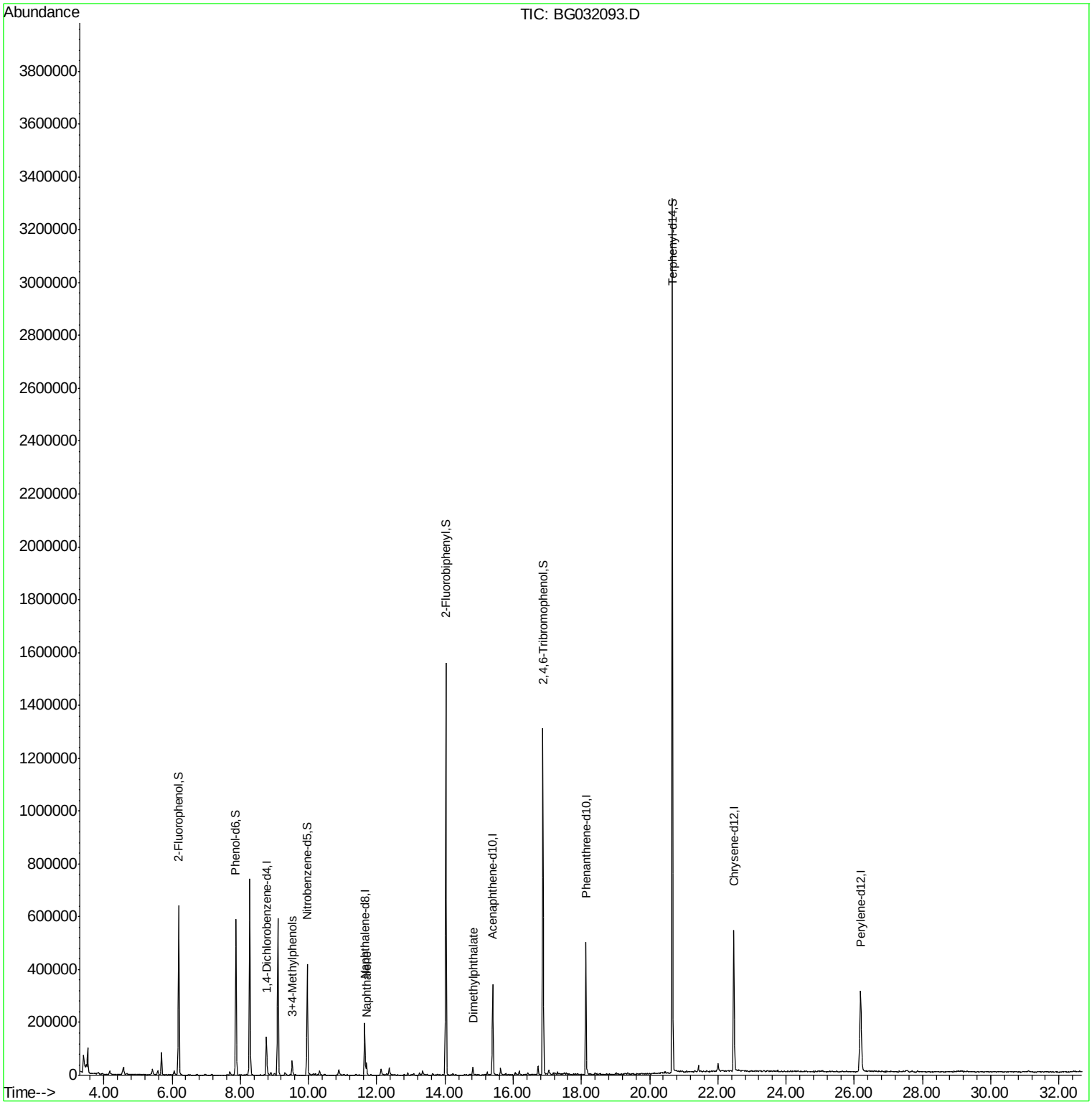
(#) = qualifier out of range (m) = manual integration (+) = signals summed

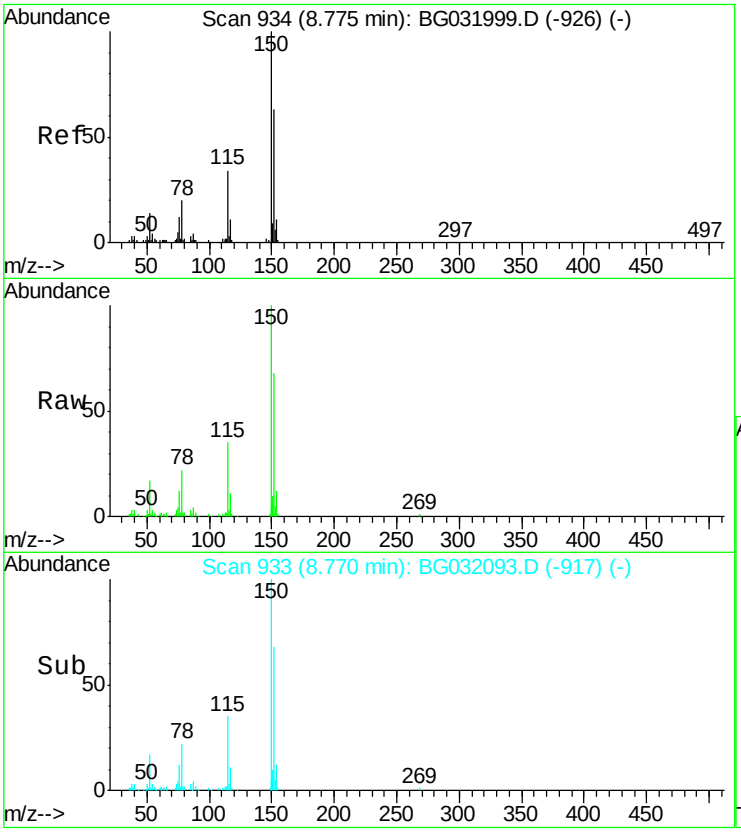
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032093.D
Acq On : 17 Jan 2018 6:05
Operator : SJ/JU
Sample : J1131-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWS-2

Quant Time: Jan 17 08:20:01 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration



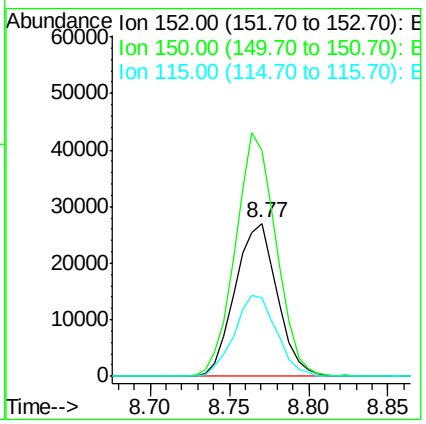


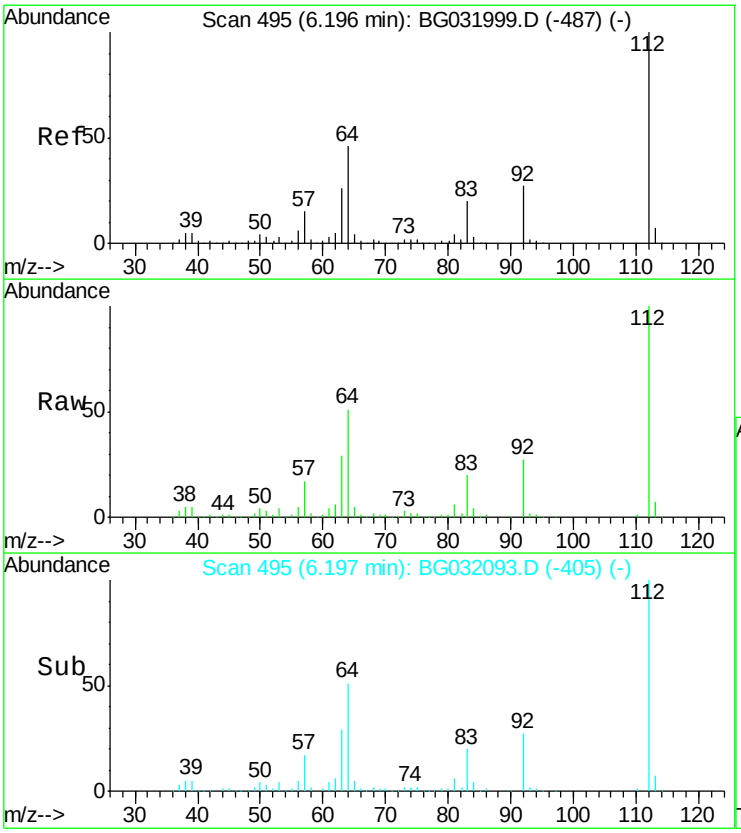
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:152 Resp: 49798

Ion	Ratio	Lower	Upper
152	100		
150	147.4	126.6	189.8
115	51.1	53.0	79.4#

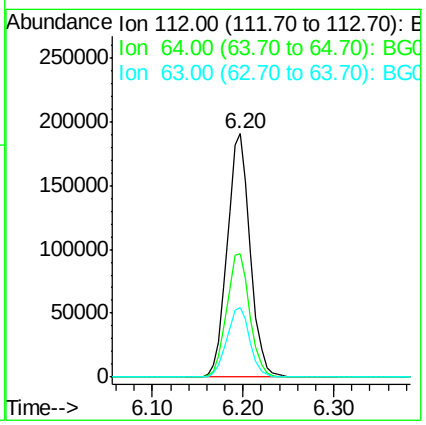


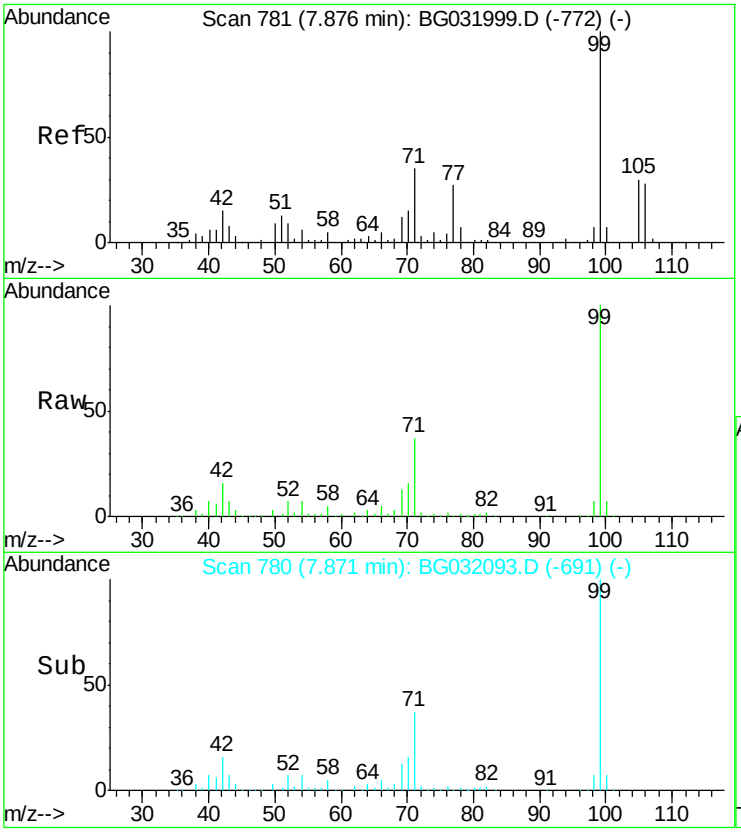


#5
2-Fluorophenol
Concen: 122.594 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion:112 Resp: 333798

Ion	Ratio	Lower	Upper
112	100		
64	50.8	56.3	84.5#
63	28.5	30.1	45.1#



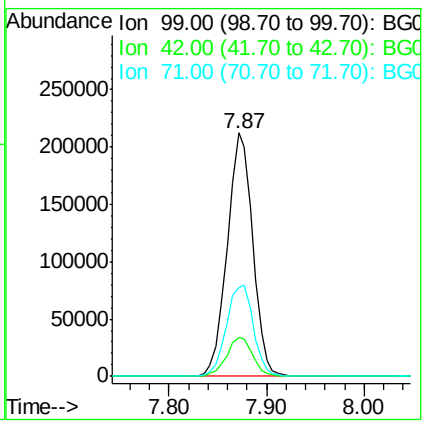


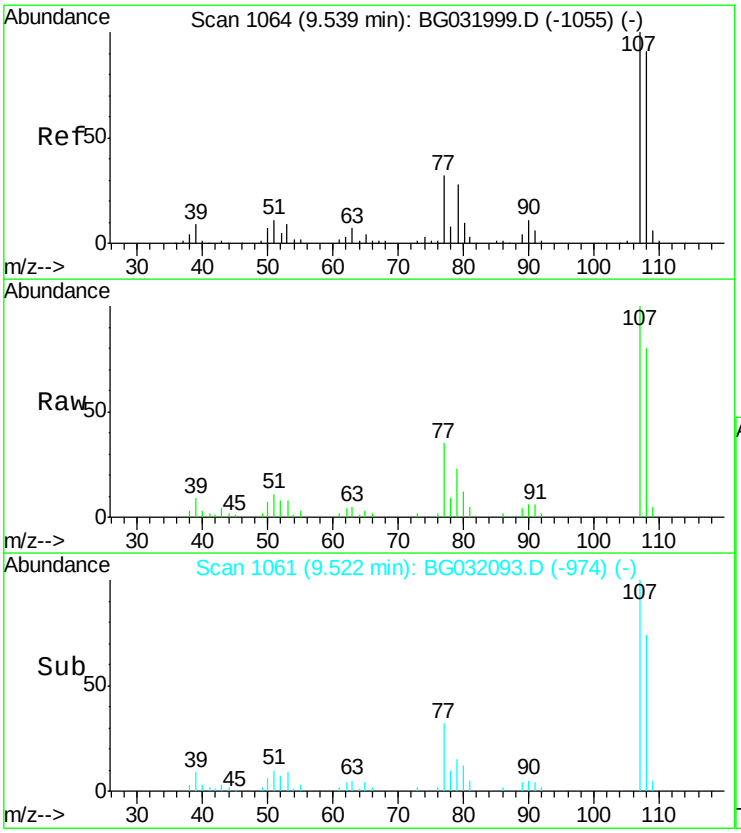
#7
Phenol-d6
Concen: 112.045 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion: 99 Resp: 384224

Ion	Ratio	Lower	Upper
99	100		
42	16.0	14.1	21.1
71	36.7	26.1	39.1

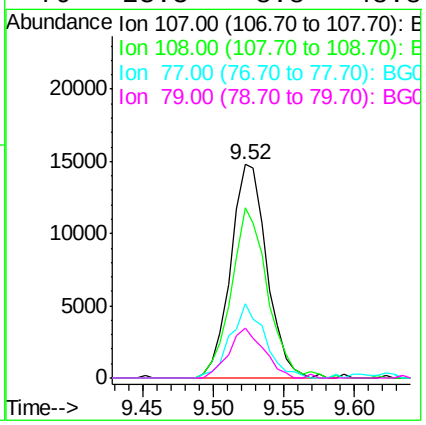


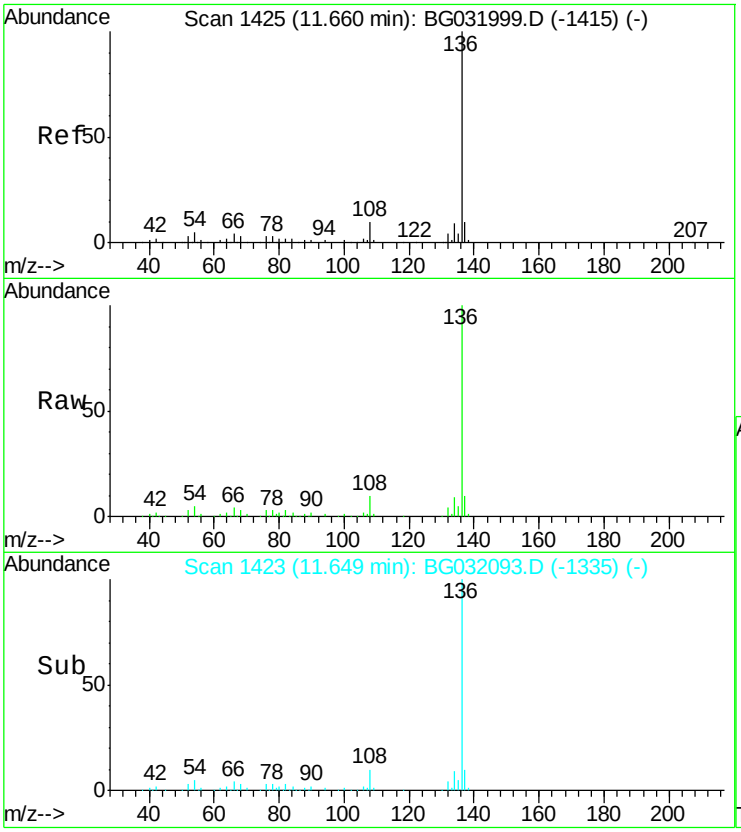


#20
3+4-Methylphenols
Concen: 7.392 ng
RT: 9.52 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion:107 Resp: 26435

Ion	Ratio	Lower	Upper
107	100		
108	79.5	61.6	101.6
77	35.0	13.9	53.9
79	23.3	8.8	48.8



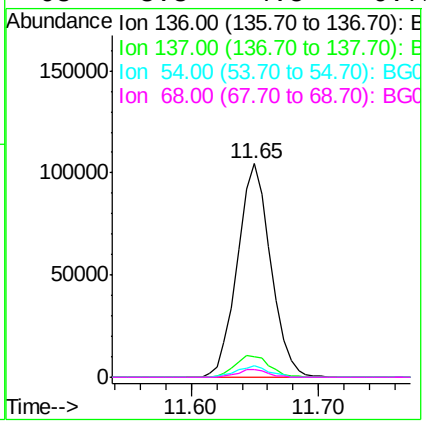


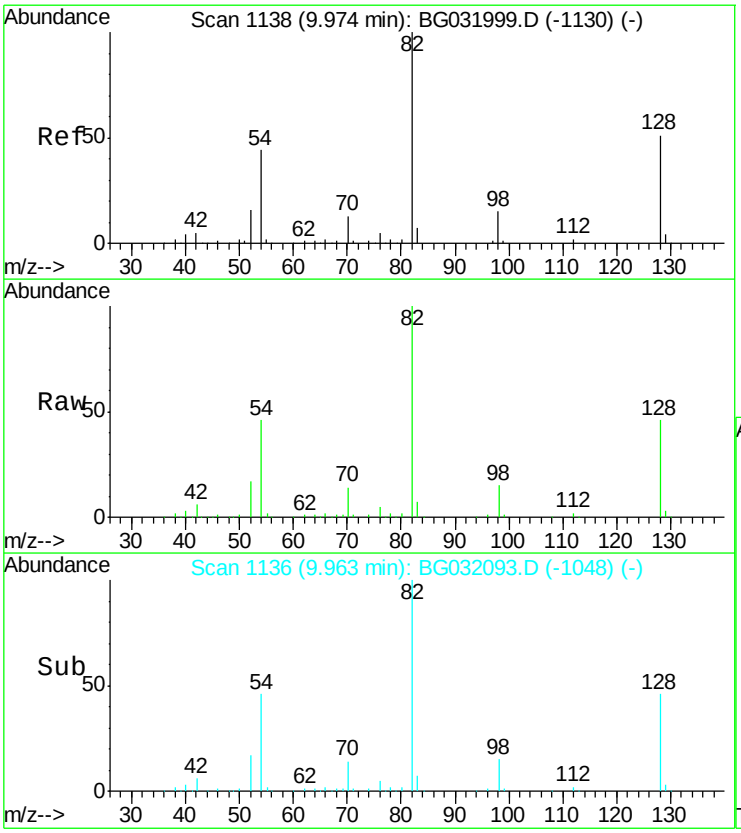
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:136 Resp: 190683

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.2	13.8
54	5.2	10.3	15.5#
68	3.3	4.5	6.7#

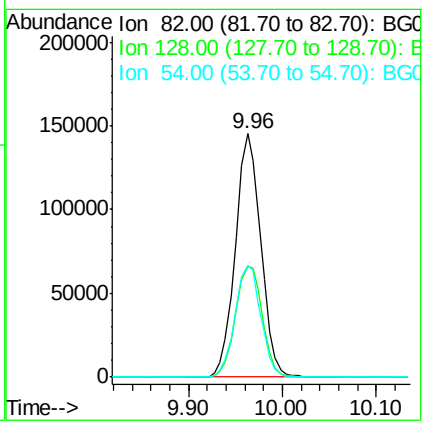


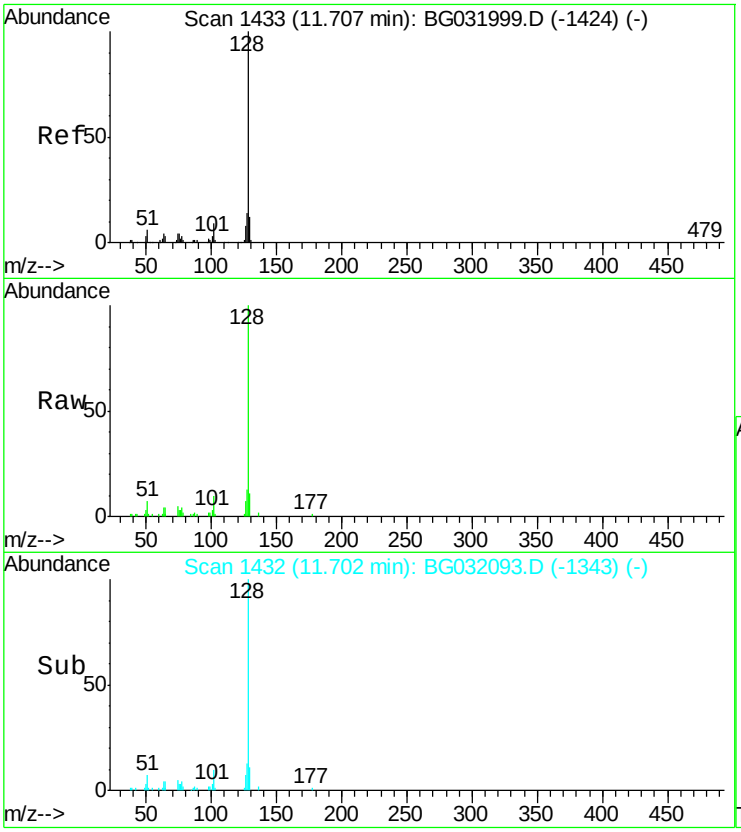


#23
Nitrobenzene-d5
Concen: 96.415 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion: 82 Resp: 271745

Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	45.9	43.1	64.7



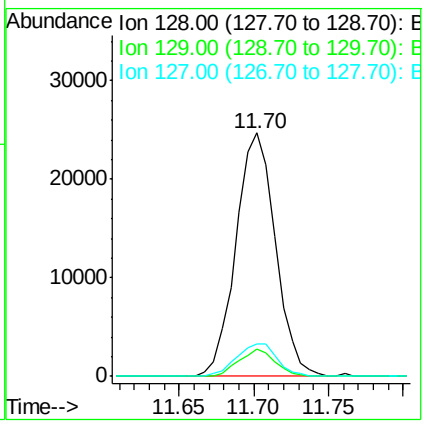


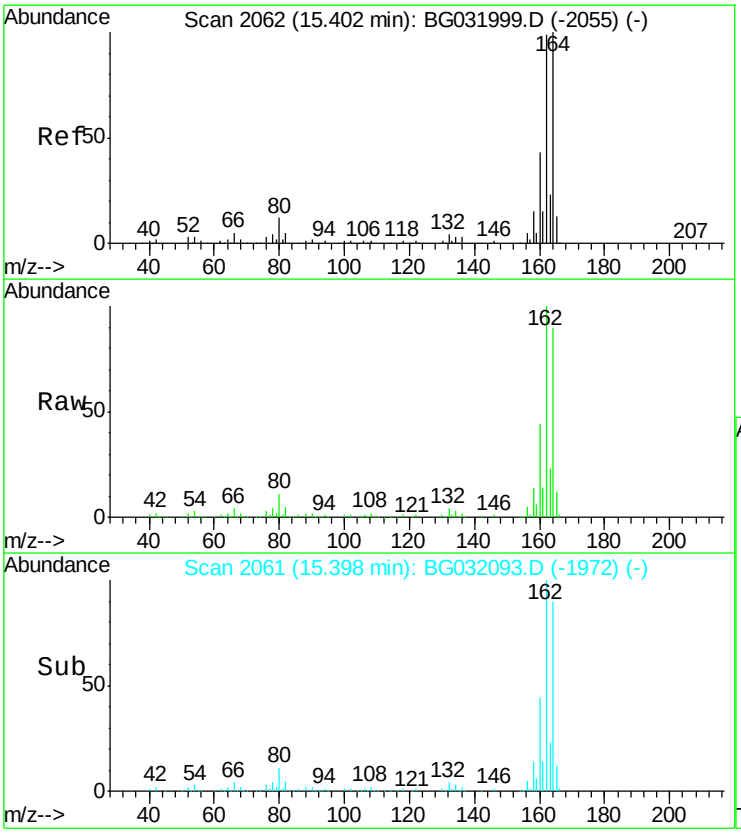
#31
Naphthalene
Concen: 4.792 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:128 Resp: 45268

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.1	11.6	17.4

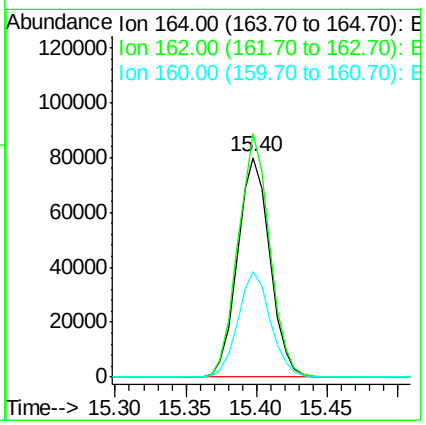


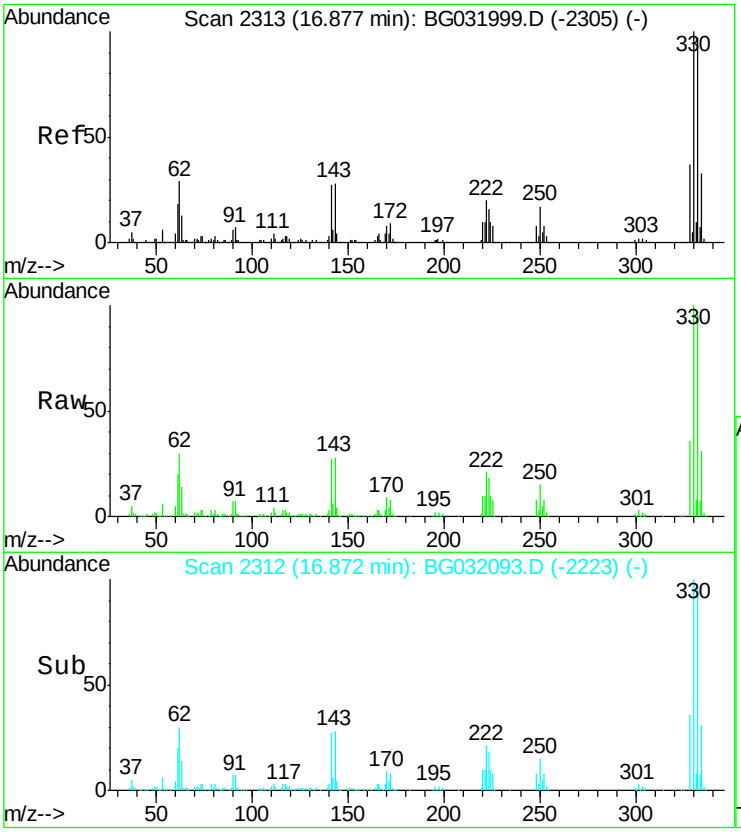


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion:164 Resp: 128252

Ion	Ratio	Lower	Upper
164	100		
162	111.0	78.8	118.2
160	48.3	35.4	53.0



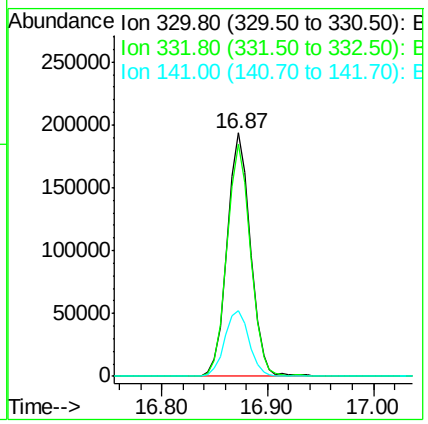


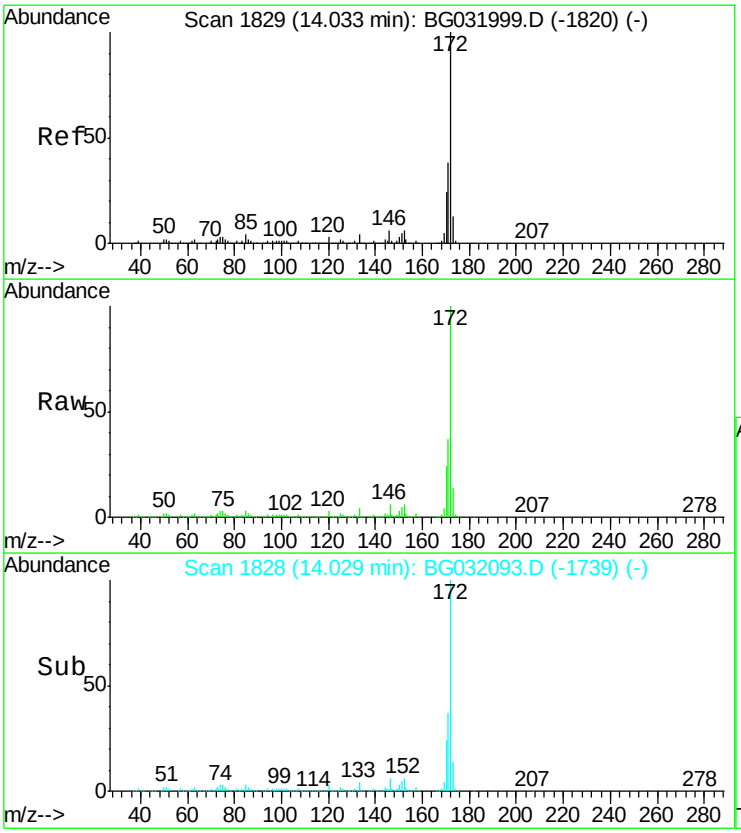
#41
2,4,6-Tribromophenol
Concen: 138.511 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:330 Resp: 293957

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	28.5	25.2	37.8

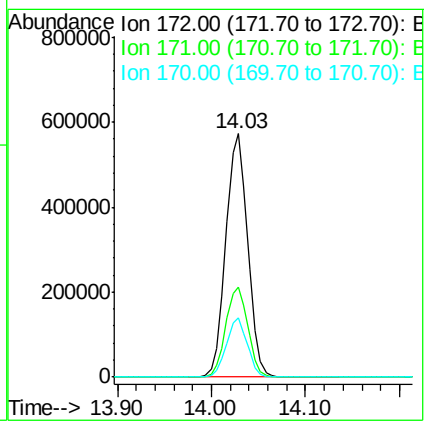


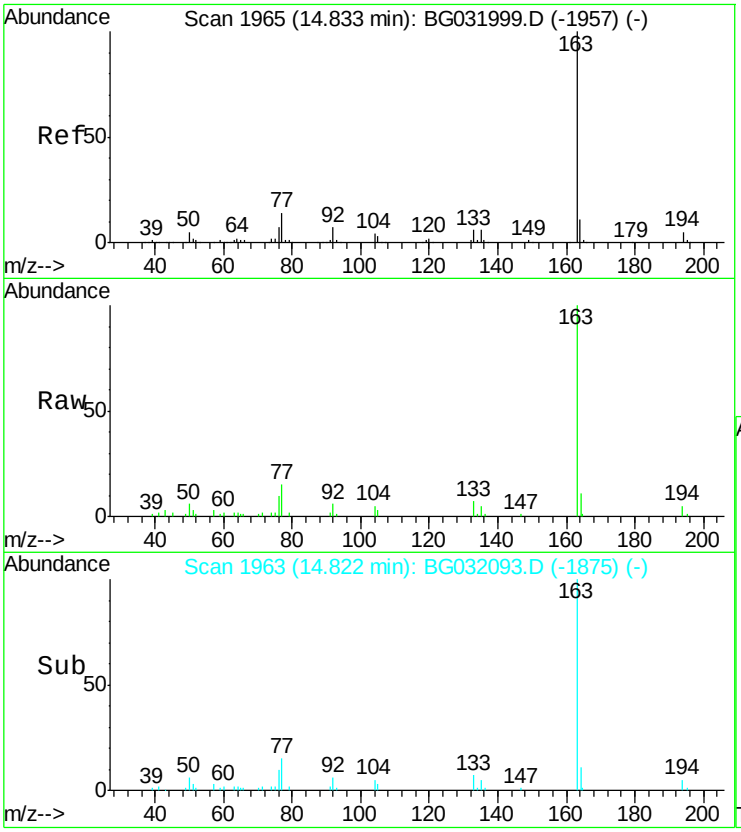


#44
2-Fluorobiphenyl
Concen: 89.209 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion:172 Resp: 922716

Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.2	19.5	29.3



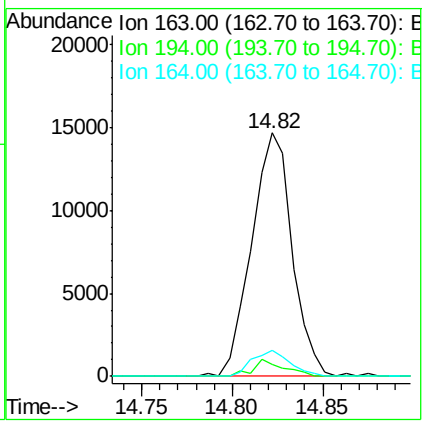


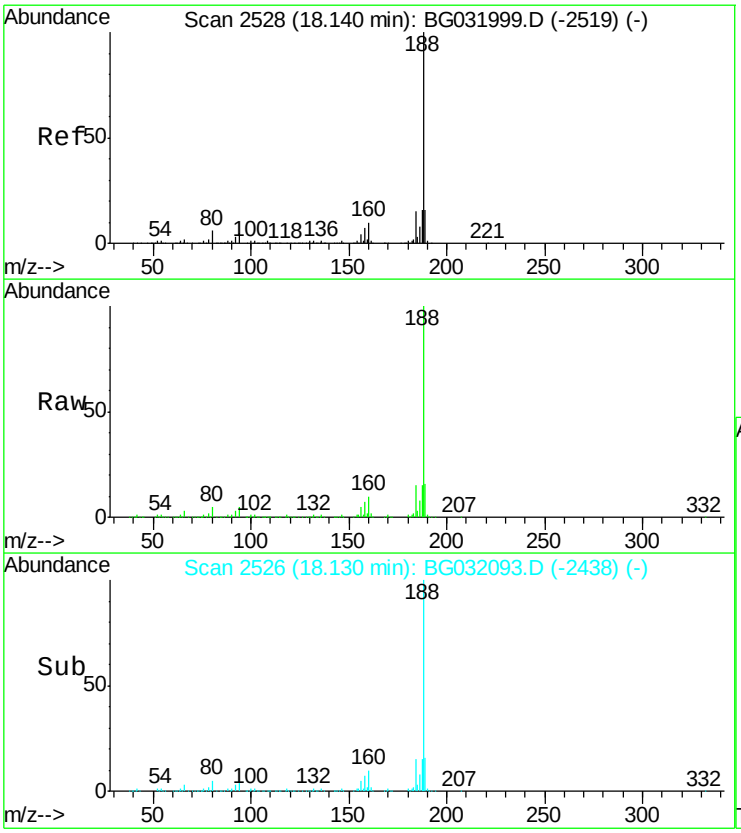
#49
Dimethylphthalate
Concen: 2.031 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:163 Resp: 22798

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	10.9	8.2	12.4

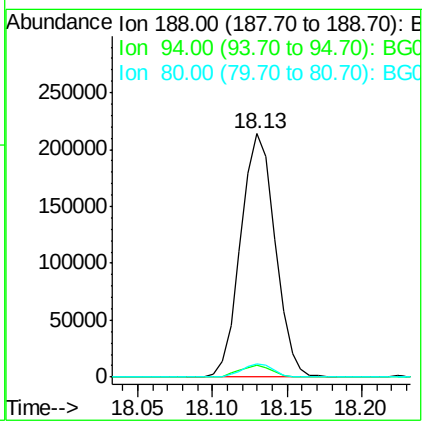


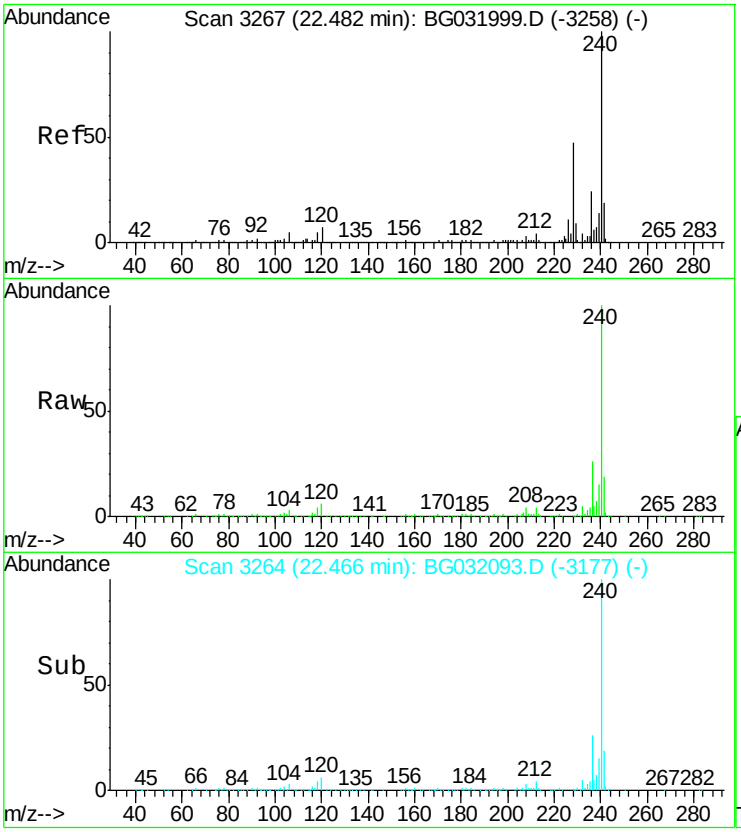


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion:188 Resp: 341816

Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.3	7.7	11.5#



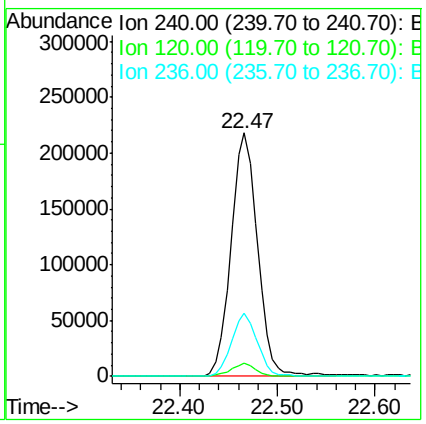


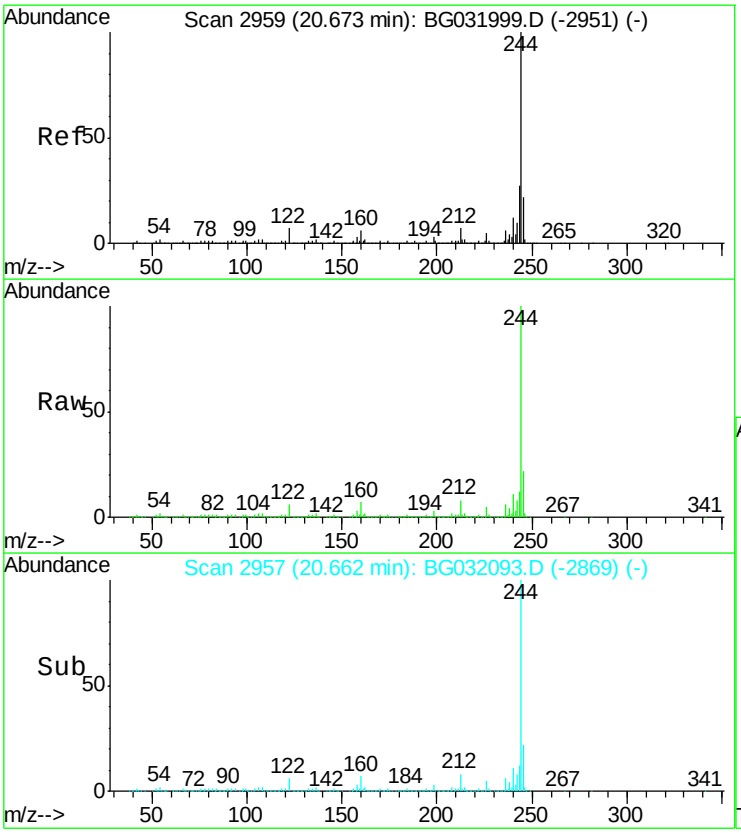
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:240 Resp: 412084

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.8	10.2#
236	25.8	20.9	31.3

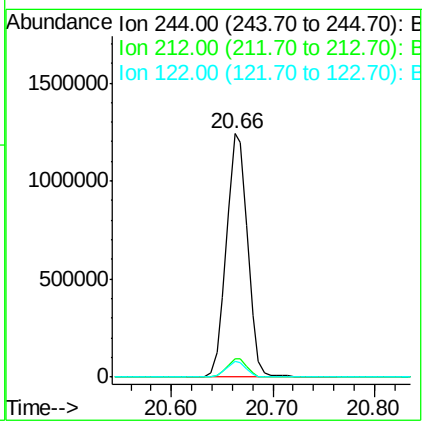


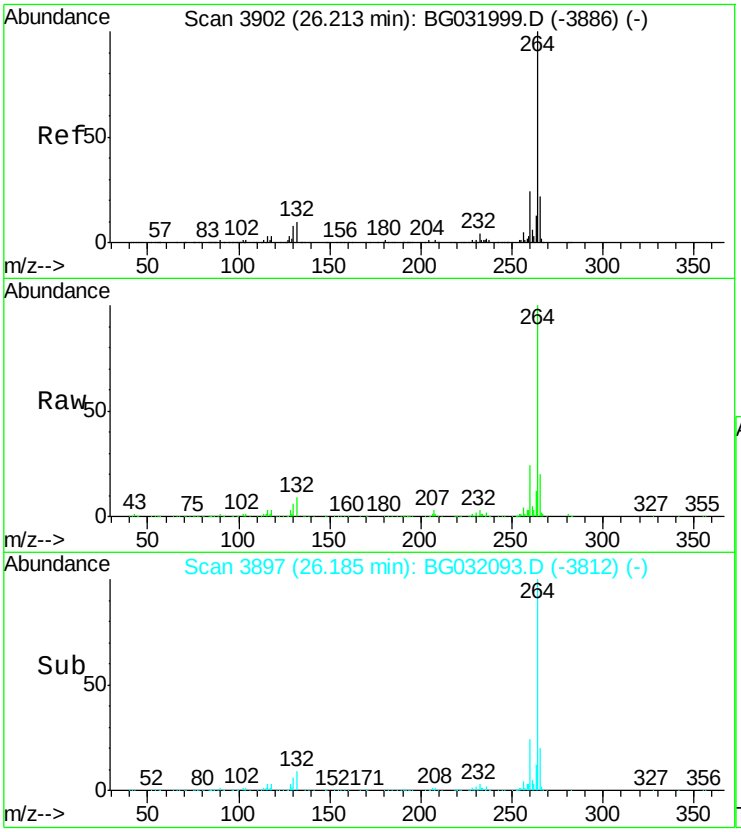


#78
Terphenyl-d14
Concen: 96.395 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Tgt Ion:244 Resp: 1799005

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	6.3	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.19 min Scan# 3897
Delta R.T. -0.03 min
Lab File: BG032093.D
Acq: 17 Jan 2018 6:05

Instrument :
BNA_G
ClientSampleId :
OWS-2

Tgt Ion:264 Resp: 429080

Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.3	17.7	26.5