Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
Data File : BG032230.D
Acq On : 23 Jan 2018 14:06
Operator : SJ/JU
Sample : J1239-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-14-01

Quant Time: Jan 24 04:22:14 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	45590	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	196064	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	137974	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	341518	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	444333	20.00	ng	-0.02
86) Perylene-d12	26.12	264	468601	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	310597	124.60	ng	0.00
7) Phenol-d6	7.84	99	370130	117.90	ng	0.00
23) Nitrobenzene-d5	9.92	82	270676	93.40	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	317494	139.06	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	941774	84.64	ng	-0.02
78) Terphenyl-d14	20.63	244	1764745	87.70	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.66	128	966397	99.500	ng	99
37) 2-Methylnaphthalene	13.23	142	83115	10.779	ng	93
51) Acenaphthene	15.43	154	58887	6.356	ng	99
57) Fluorene	16.40	166	39039	3.444	ng	95
70) Phenanthrene	18.14	178	94123	4.950	ng	98
72) Carbazole	18.49	167	40659	2.471	ng	97

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

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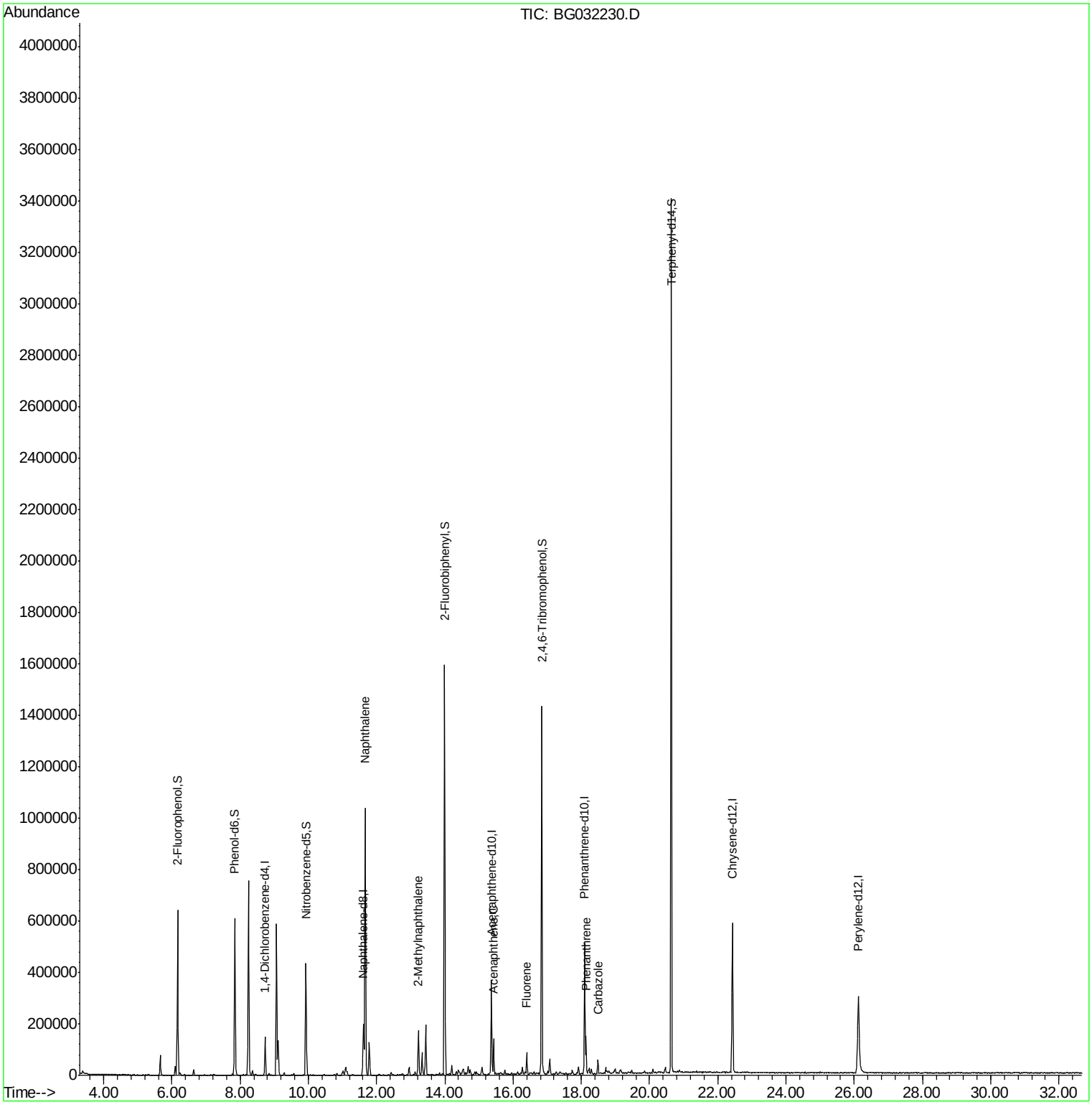
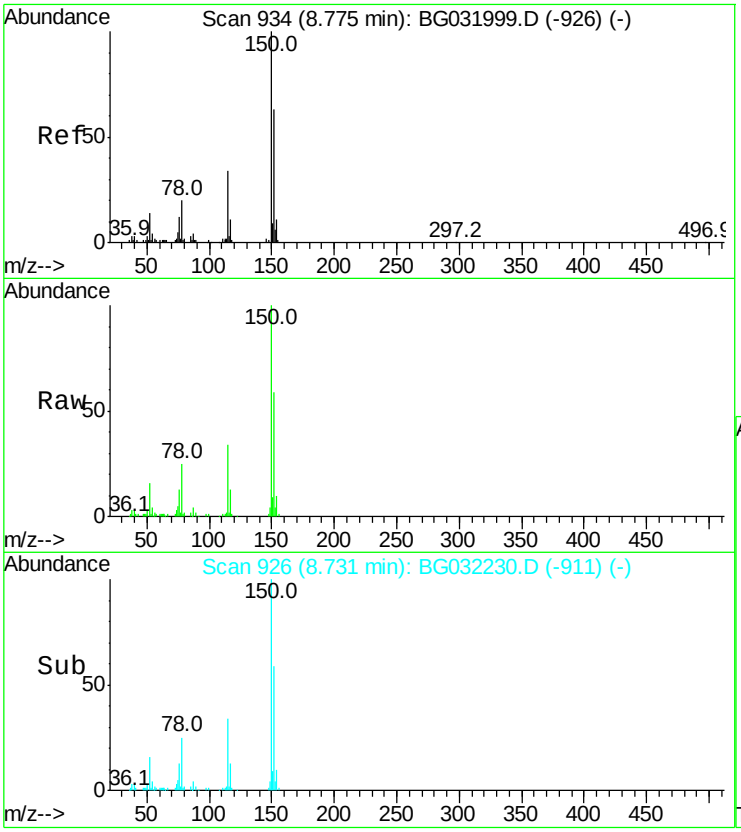


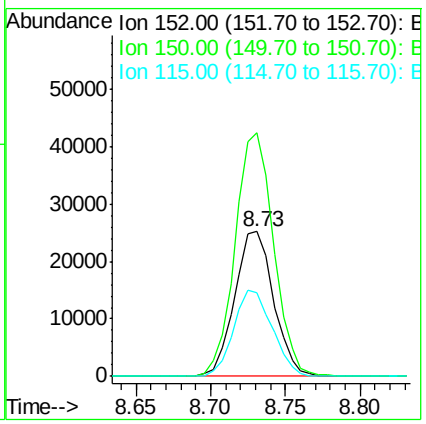


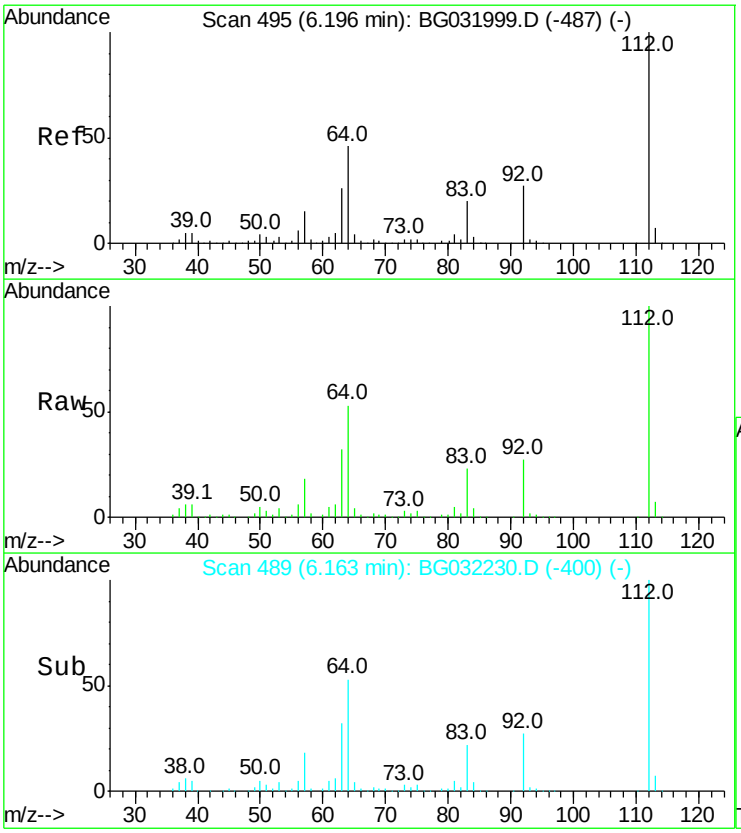
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:152 Resp: 45590

Ion	Ratio	Lower	Upper
152	100		
150	168.5	126.6	189.8
115	58.1	53.0	79.4

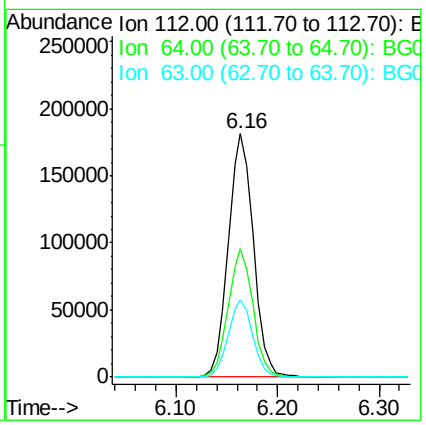


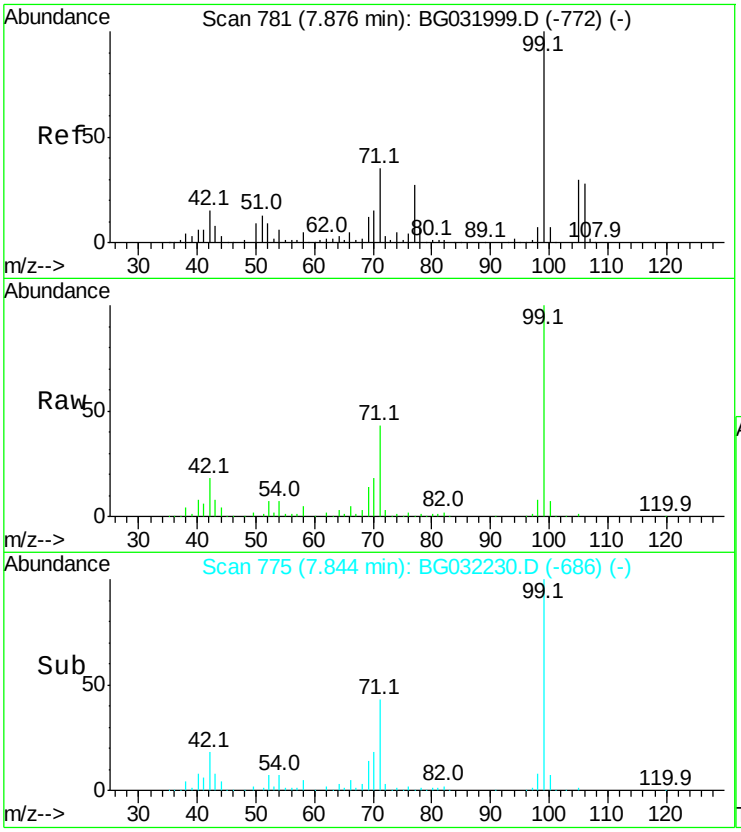


#5
2-Fluorophenol
Concen: 124.602 ng
RT: 6.16 min Scan# 489
Delta R.T. -0.01 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:112 Resp: 310597

Ion	Ratio	Lower	Upper
112	100		
64	52.7	56.3	84.5#
63	31.8	30.1	45.1



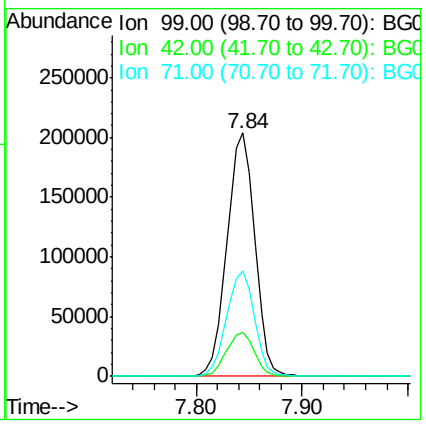


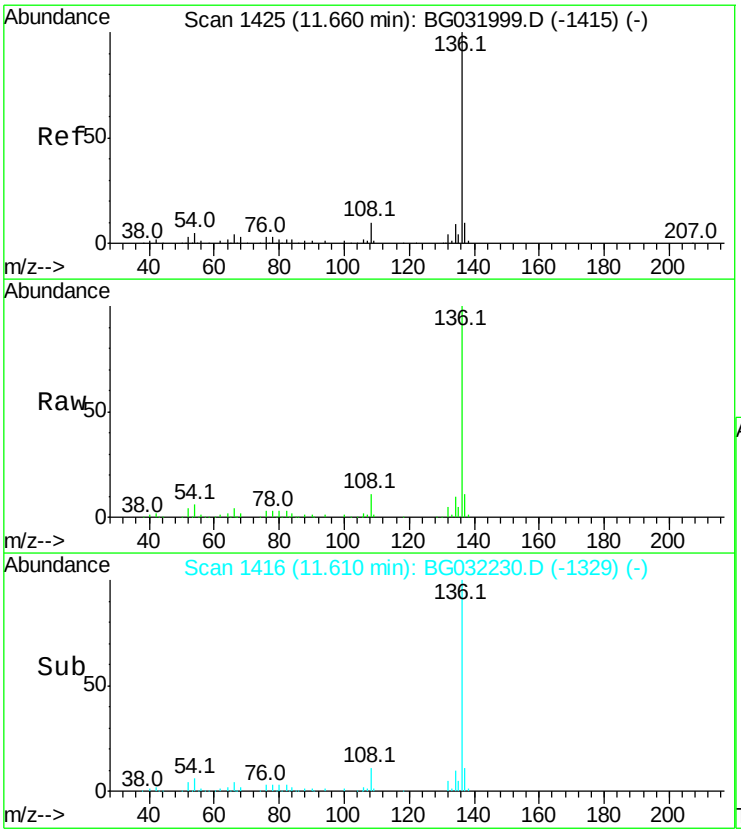
#7
Phenol-d6
Concen: 117.898 ng
RT: 7.84 min Scan# 775
Delta R.T. -0.01 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion: 99 Resp: 370130

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.1	21.1
71	43.4	26.1	39.1#

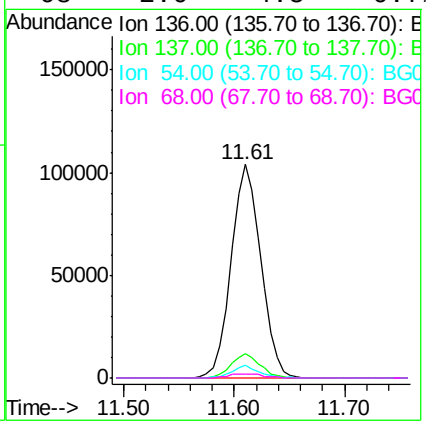


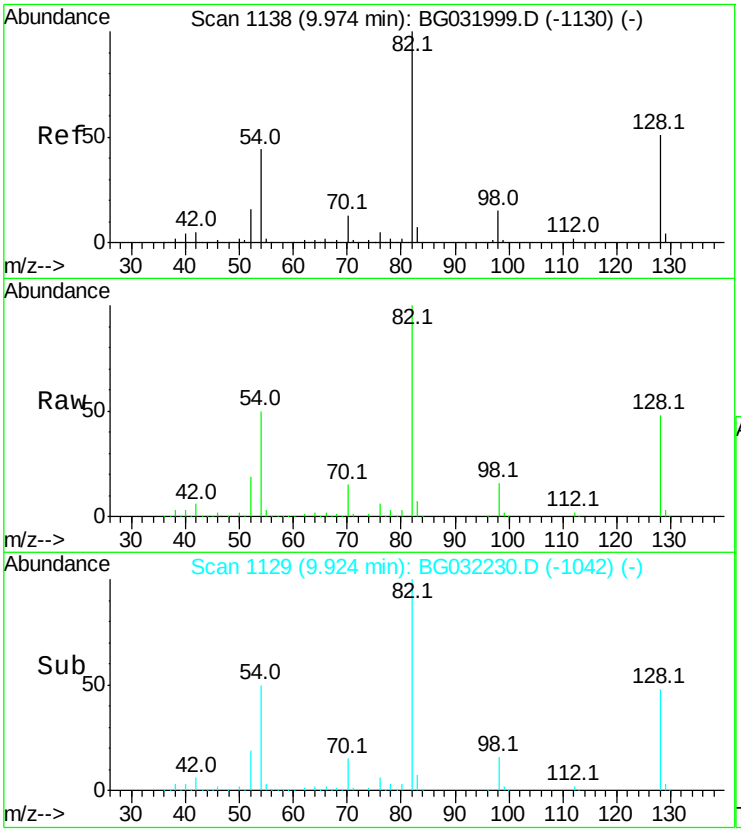


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:136 Resp: 196064

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.8	10.3	15.5#
68	2.0	4.5	6.7#



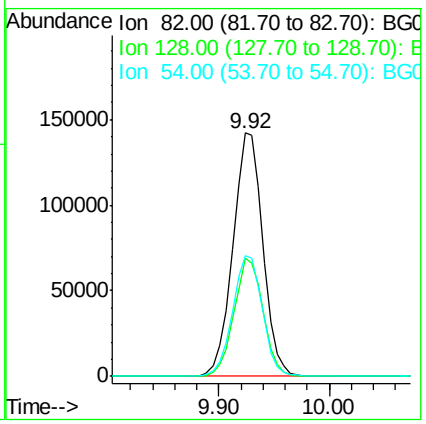


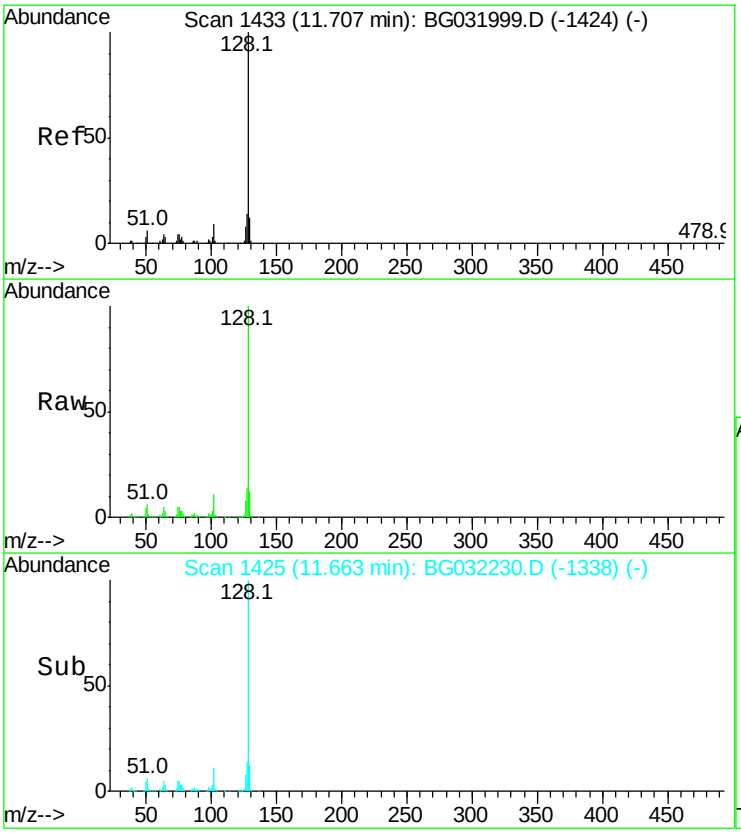
#23
Nitrobenzene-d5
Concen: 93.400 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion: 82 Resp: 270676

Ion	Ratio	Lower	Upper
82	100		
128	48.3	29.7	44.5#
54	49.5	43.1	64.7

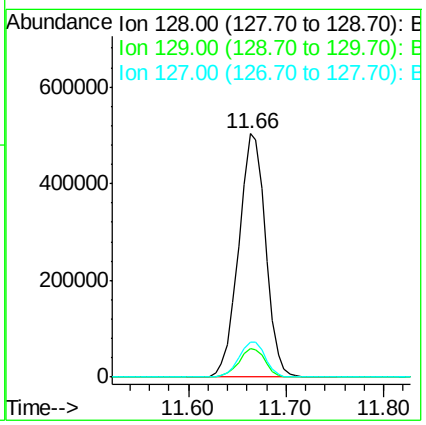


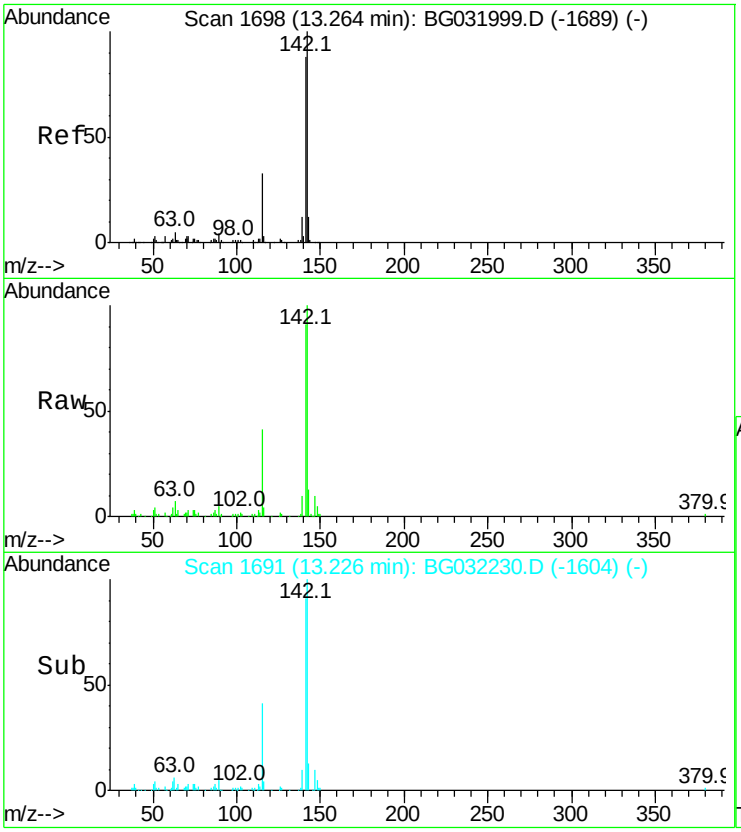


#31
Naphthalene
Concen: 99.500 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:128 Resp: 966397

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.4	11.6	17.4



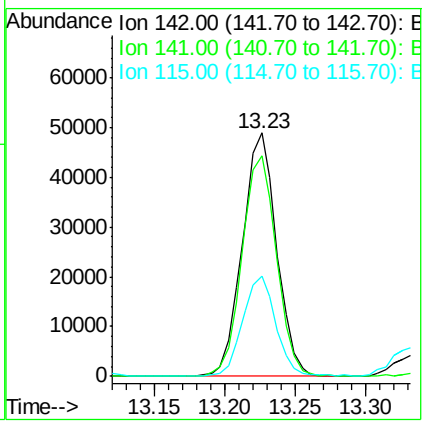


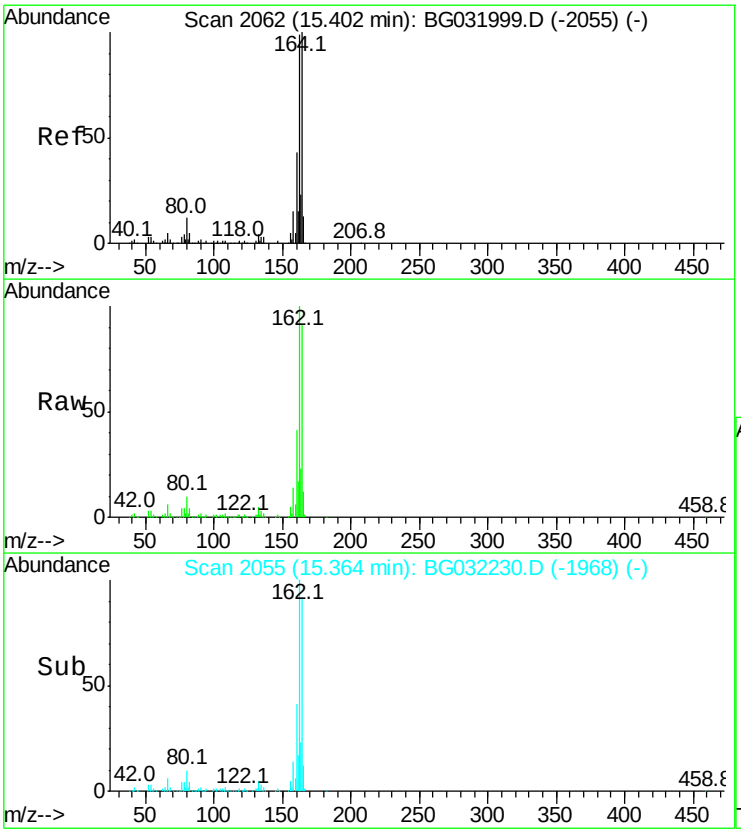
#37
2-Methylnaphthalene
Concen: 10.779 ng
RT: 13.23 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:142 Resp: 83115

Ion	Ratio	Lower	Upper
142	100		
141	90.7	67.1	100.7
115	41.0	30.7	46.1

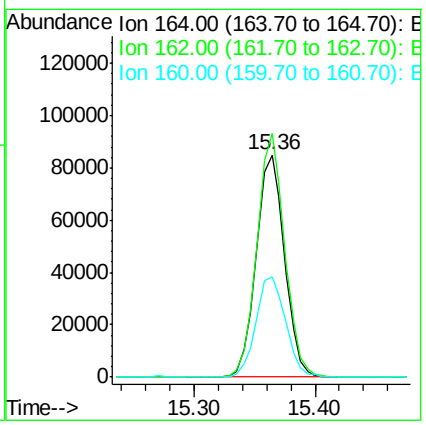


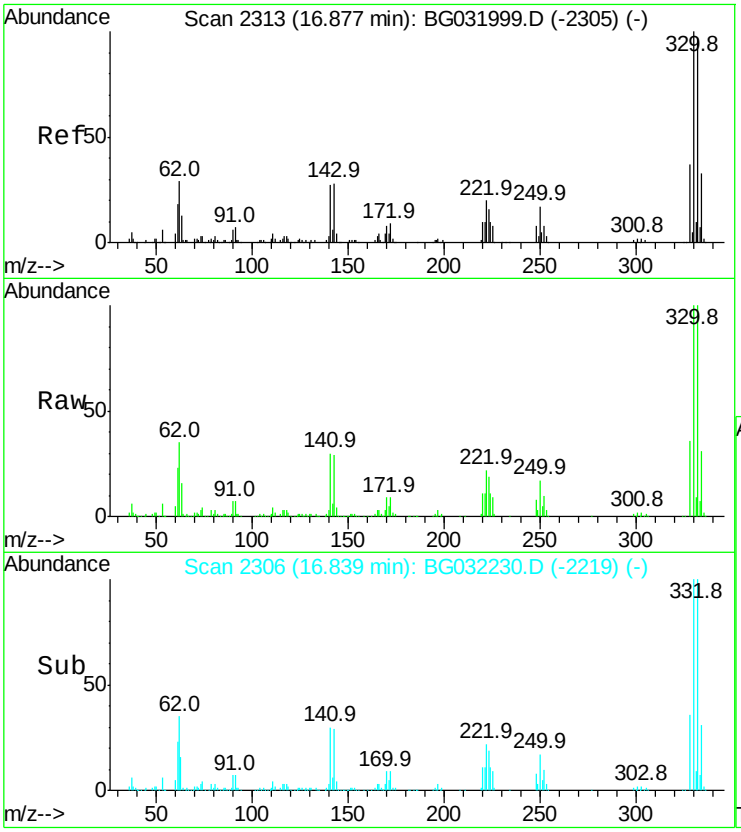


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:164 Resp: 137974

Ion	Ratio	Lower	Upper
164	100		
162	109.7	78.8	118.2
160	45.0	35.4	53.0



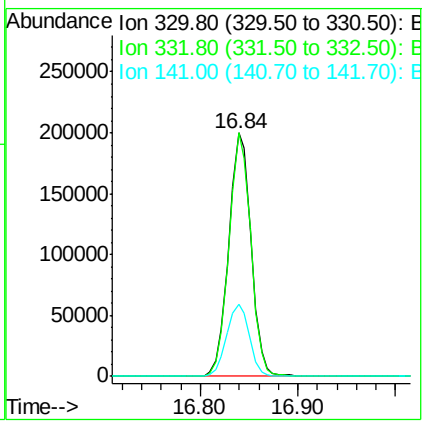


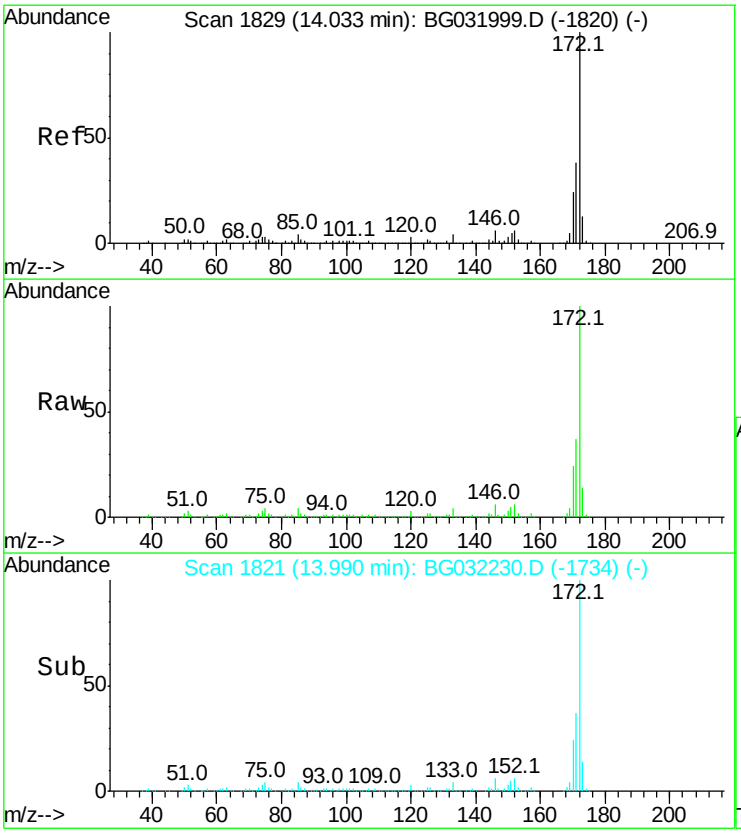
#41
2,4,6-Tribromophenol
Concen: 139.060 ng
RT: 16.84 min Scan# 2306
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:330 Resp: 317494

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	30.2	25.2	37.8

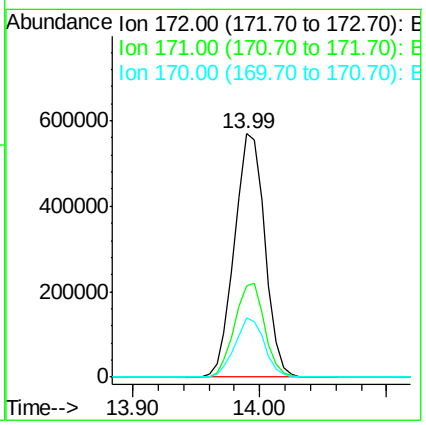


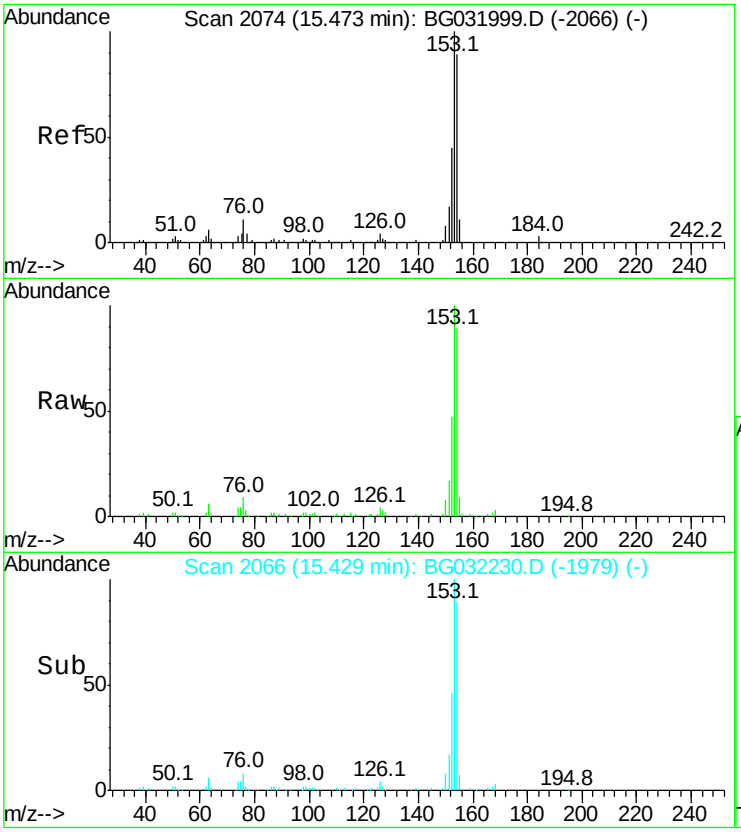


#44
2-Fluorobiphenyl
Concen: 84.636 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:172 Resp: 941774

Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.2	19.5	29.3



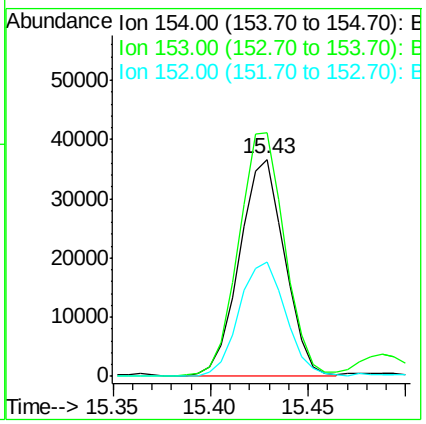


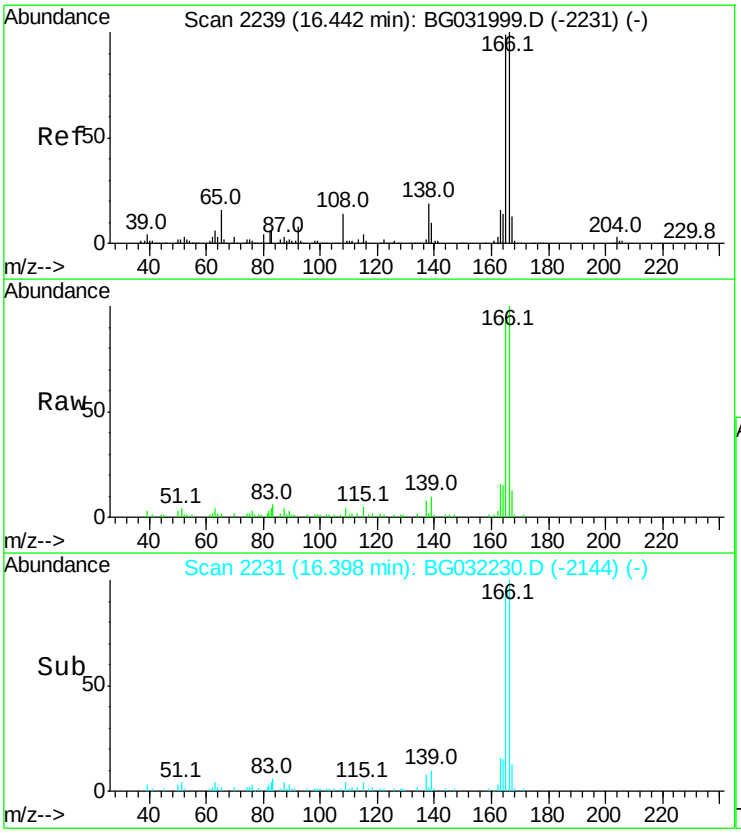
#51
Acenaphthene
Concen: 6.356 ng
RT: 15.43 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:154 Resp: 58887

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.4	135.6
152	52.5	41.6	62.4

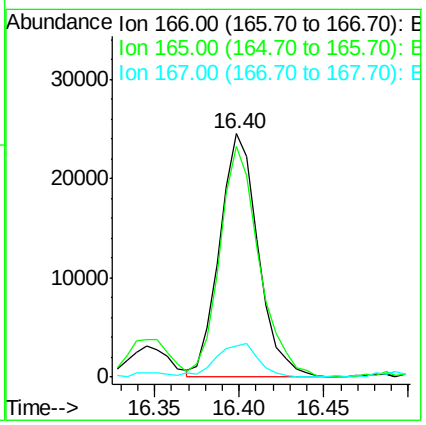


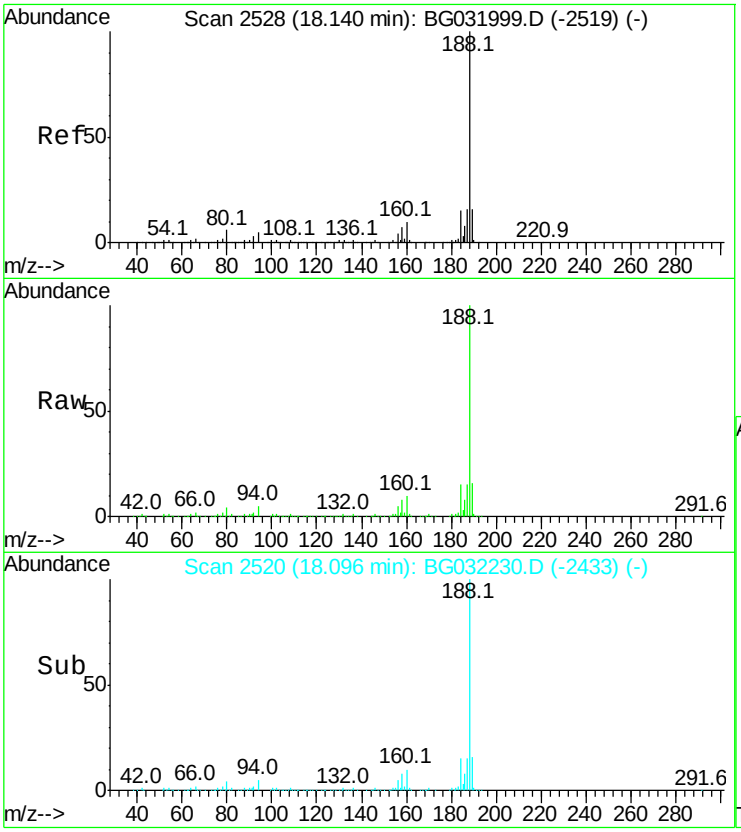


#57
Fluorene
Concen: 3.444 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:166 Resp: 39039

Ion	Ratio	Lower	Upper
166	100		
165	94.7	80.6	121.0
167	12.6	10.4	15.6



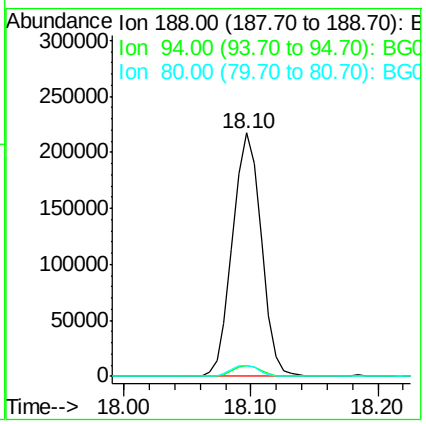


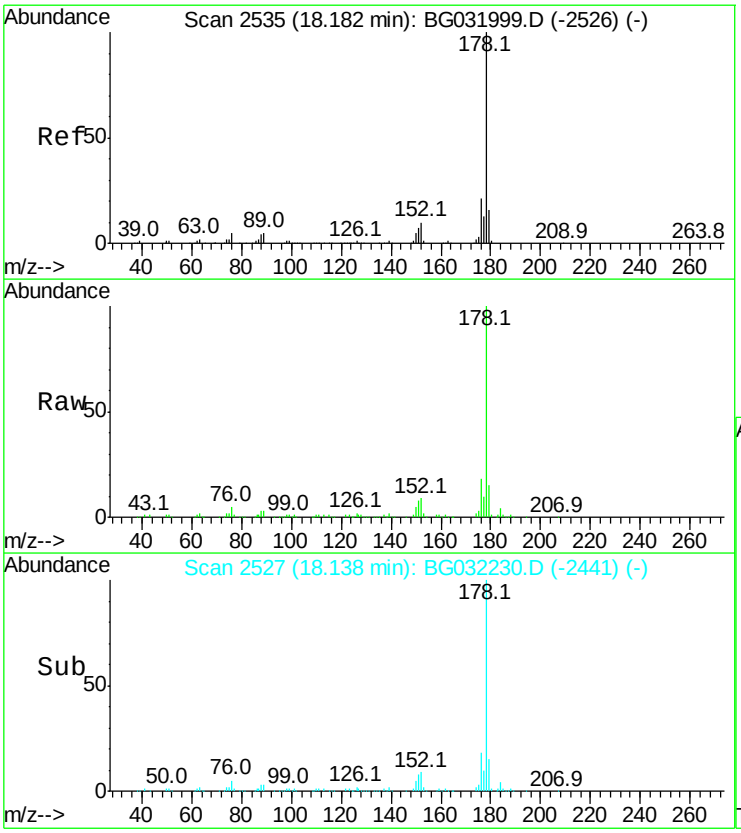
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:188 Resp: 341518

Ion	Ratio	Lower	Upper
188	100		
94	4.6	6.9	10.3#
80	4.4	7.7	11.5#

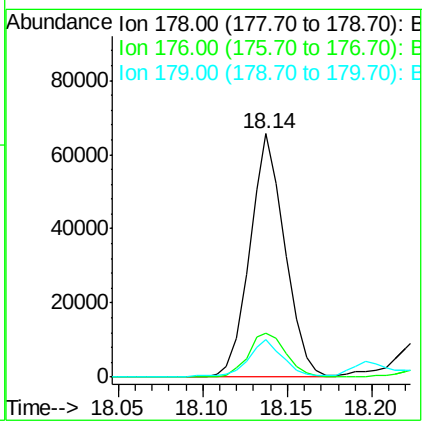


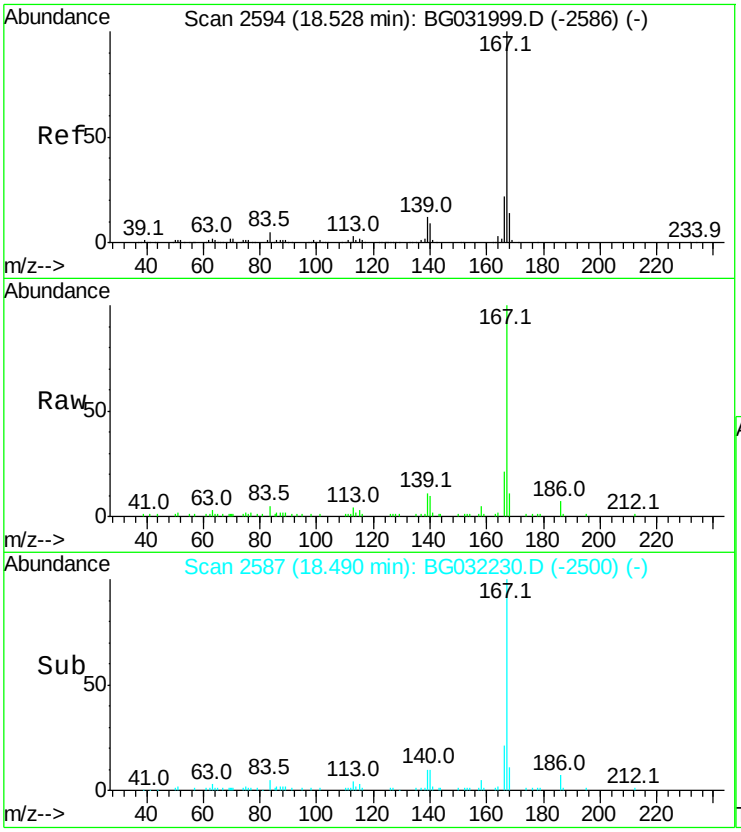


#70
Phenanthrene
Concen: 4.950 ng
RT: 18.14 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:178 Resp: 94123

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.7	23.5
179	15.4	12.5	18.7



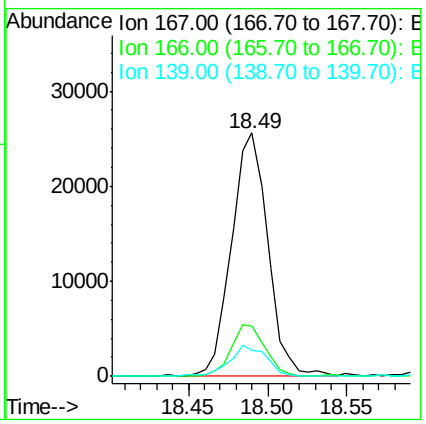


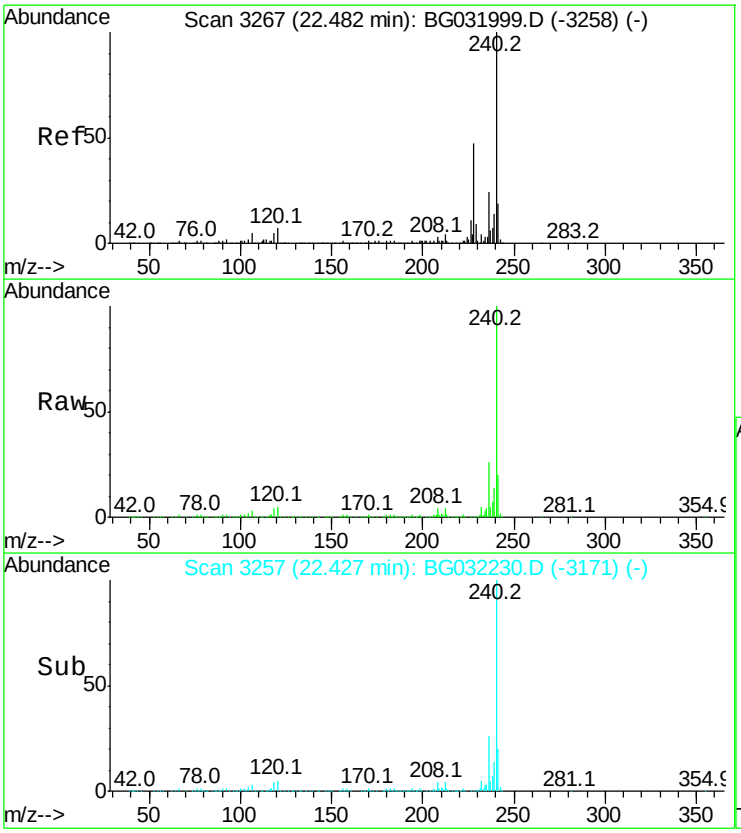
#72
Carbazole
Concen: 2.471 ng
RT: 18.49 min Scan# 2587
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:167 Resp: 40659

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.2	27.4
139	10.8	9.4	14.2

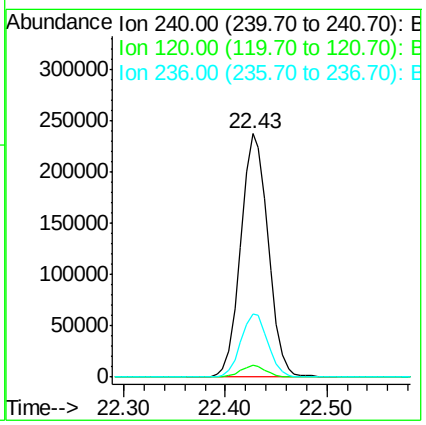


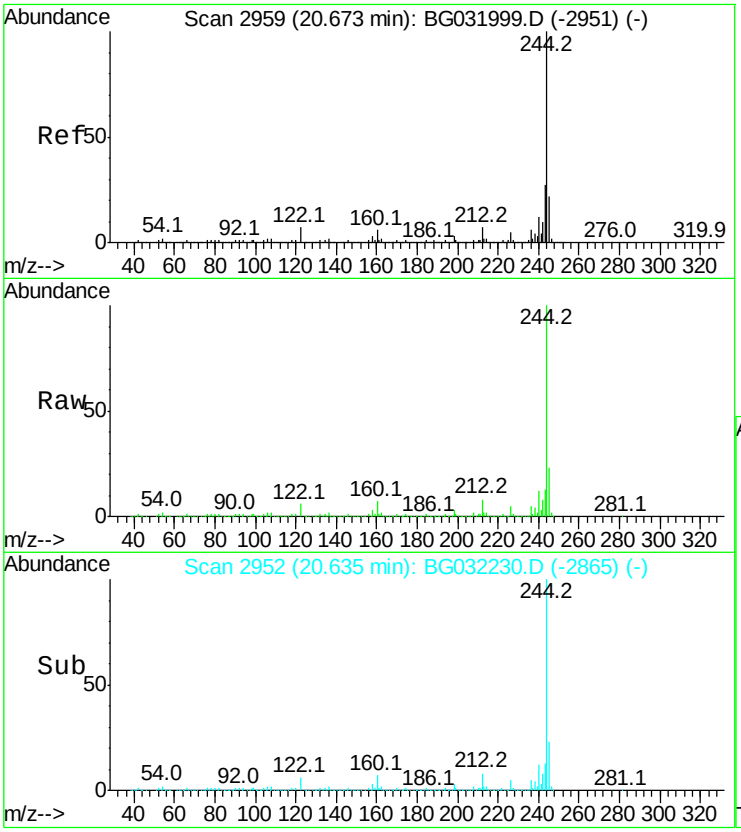


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:240 Resp: 444333

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.8	10.2#
236	25.9	20.9	31.3



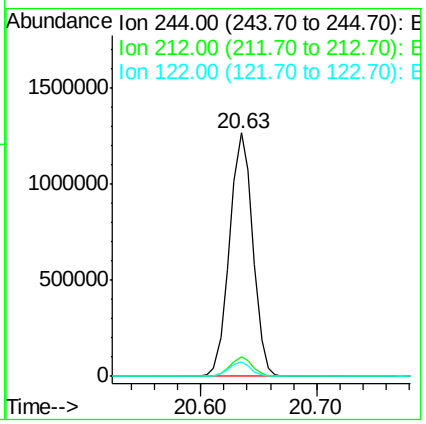


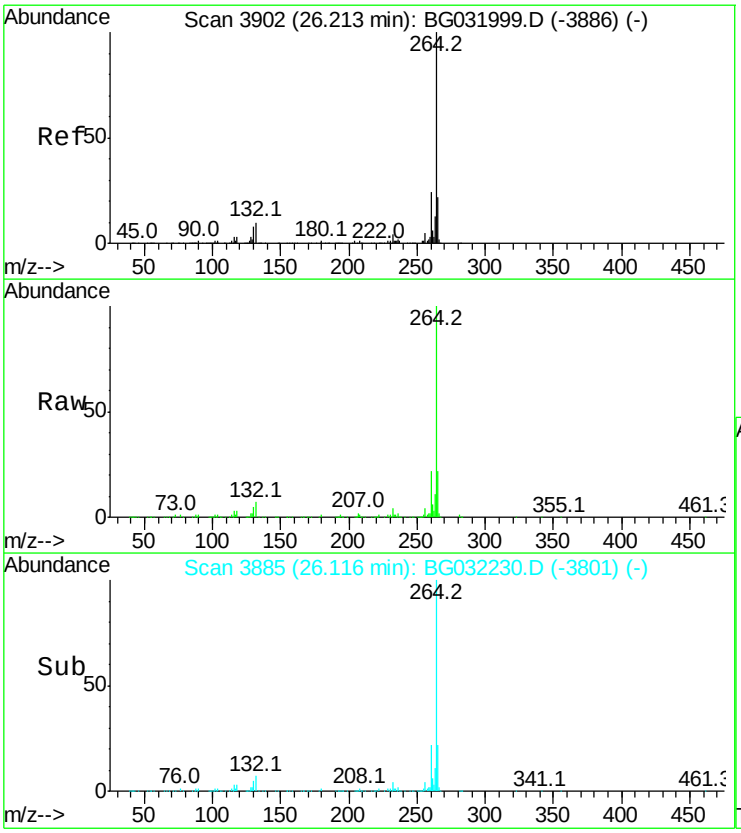
#78
Terphenyl-d14
Concen: 87.696 ng
RT: 20.63 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Instrument :
BNA_G
ClientSampleId :
WC-14-01

Tgt Ion:244 Resp: 1764745

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.0	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.12 min Scan# 3885
Delta R.T. -0.03 min
Lab File: BG032230.D
Acq: 23 Jan 2018 14:06

Tgt Ion:264 Resp: 468601

Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	22.3	17.7	26.5