Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032076.D
Acq On : 16 Jan 2018 19:15
Operator : SJ/JU
Sample : J1149-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DRUM-PW

Quant Time: Jan 17 01:29:51 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	56696	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	221339	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	149100	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	361411	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	456067	20.00	ng	-0.02
86) Perylene-d12	26.18	264	473537	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	213314	68.81	ng	0.00
7) Phenol-d6	7.87	99	157724	40.40	ng	0.00
23) Nitrobenzene-d5	9.96	82	368728	112.71	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	397887	161.27	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	1227688	102.10	ng	0.00
78) Terphenyl-d14	20.66	244	2009829	97.31	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	11.70	128	54053	4.930	ng	# 93
37) 2-Methylnaphthalene	13.26	142	97011	11.144	ng	95
45) 1,1'-Biphenyl	14.23	154	27069	2.118	ng	99

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

Quantitation Report (LSC Reviewed)

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Misc :
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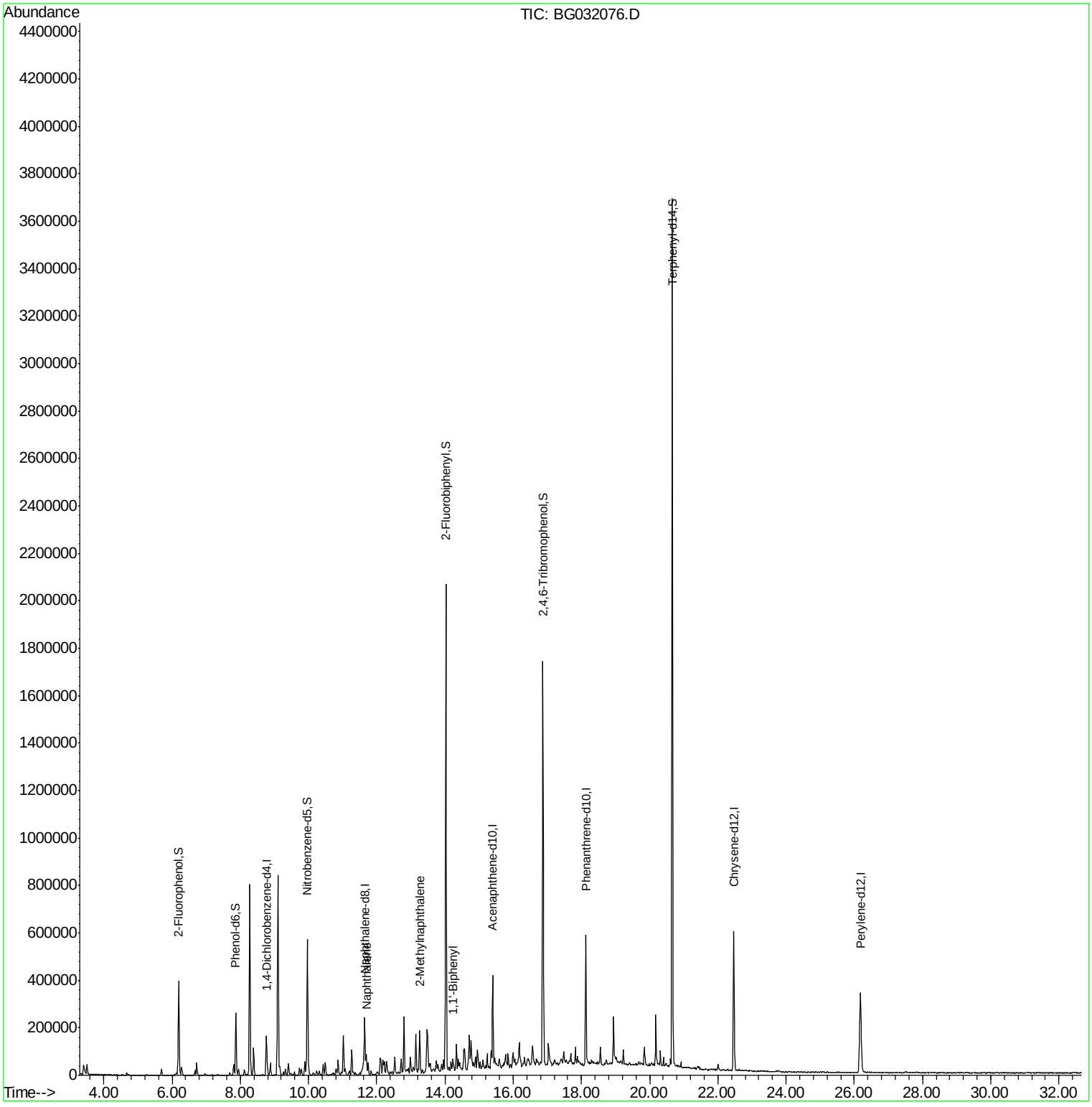
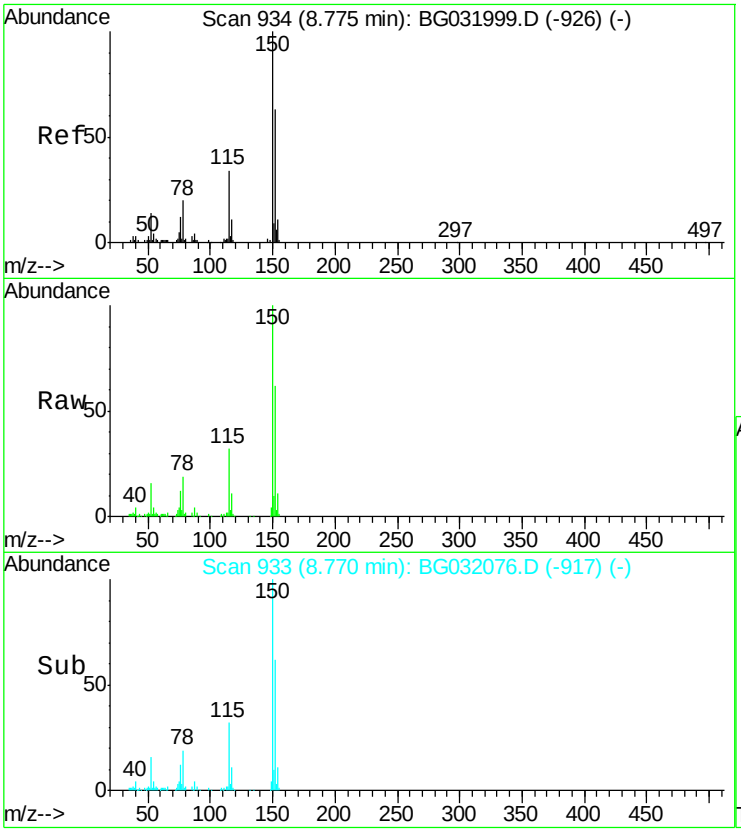


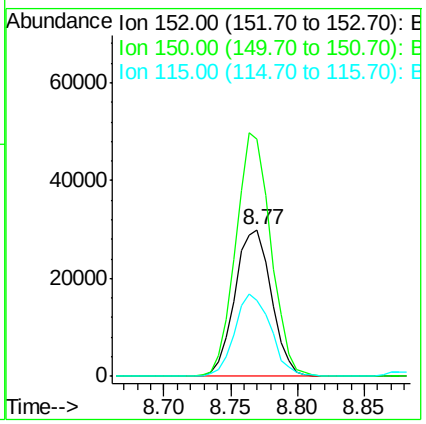


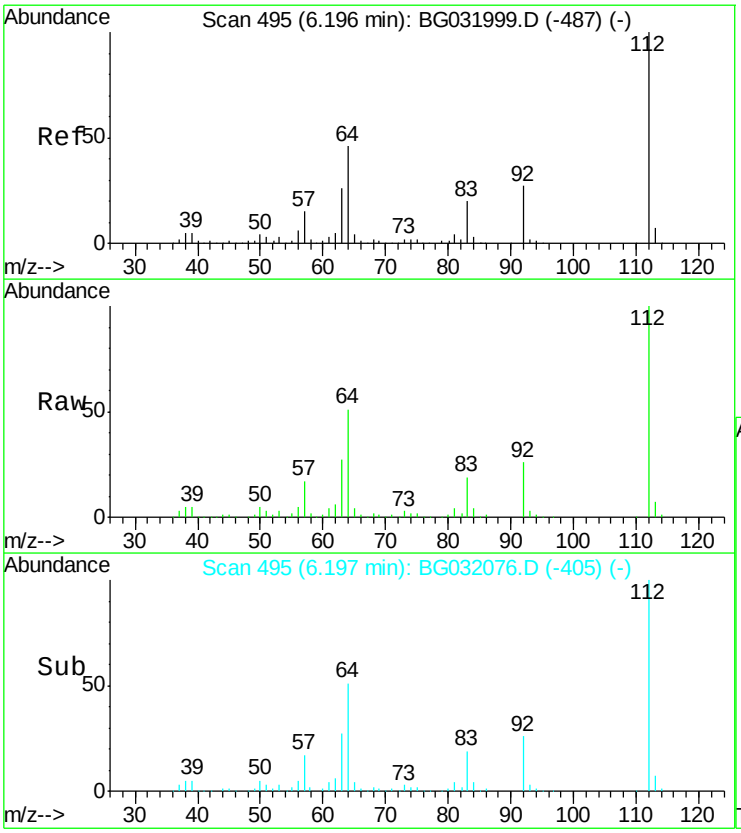
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion:152 Resp: 56696

Ion	Ratio	Lower	Upper
152	100		
150	162.2	126.6	189.8
115	51.8	53.0	79.4#

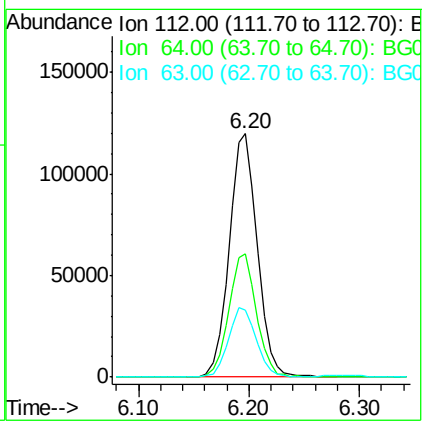


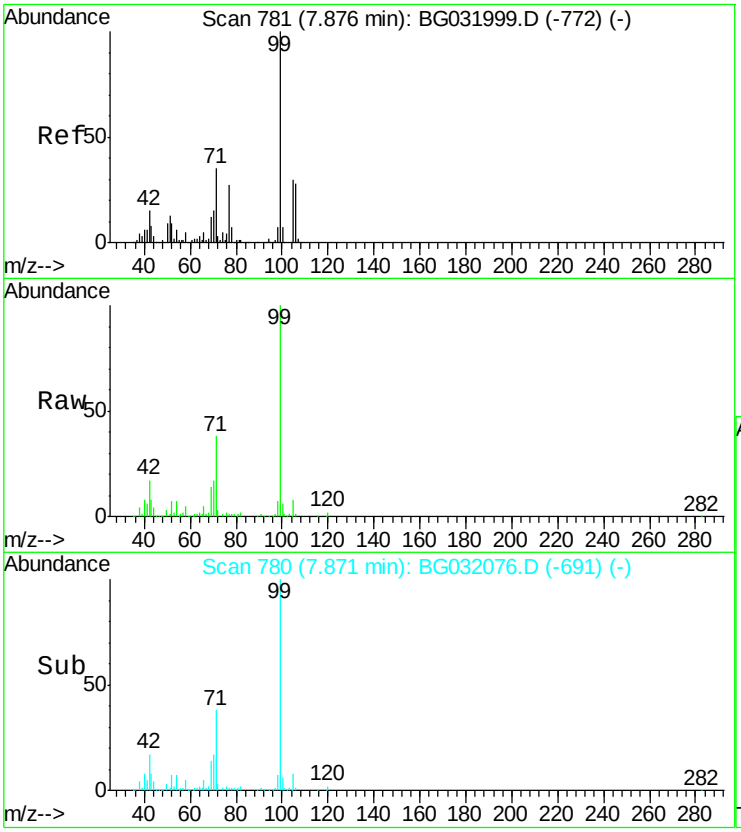


#5
2-Fluorophenol
Concen: 68.812 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:112 Resp: 213314

Ion	Ratio	Lower	Upper
112	100		
64	50.6	56.3	84.5#
63	27.4	30.1	45.1#



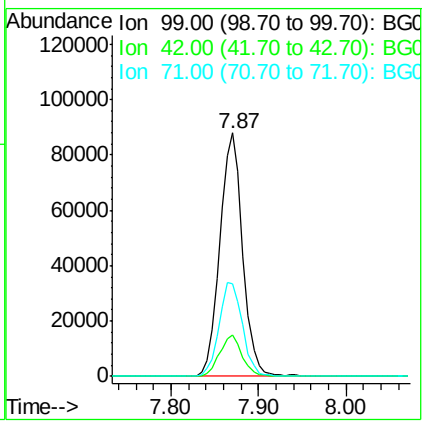


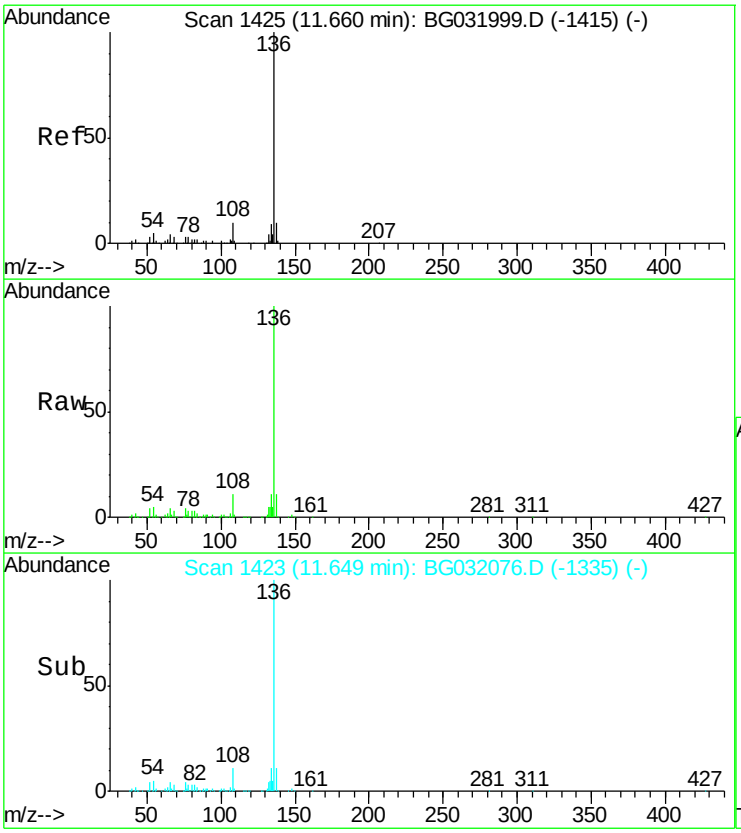
#7
Phenol-d6
Concen: 40.399 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion: 99 Resp: 157724

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.1	21.1
71	38.2	26.1	39.1

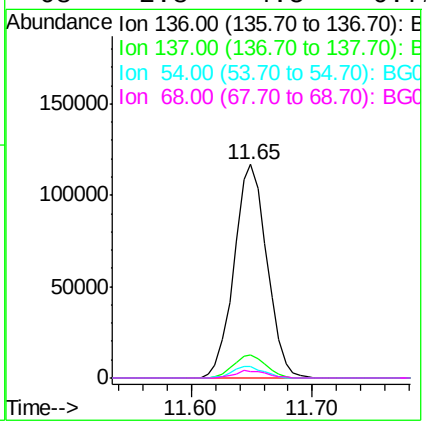


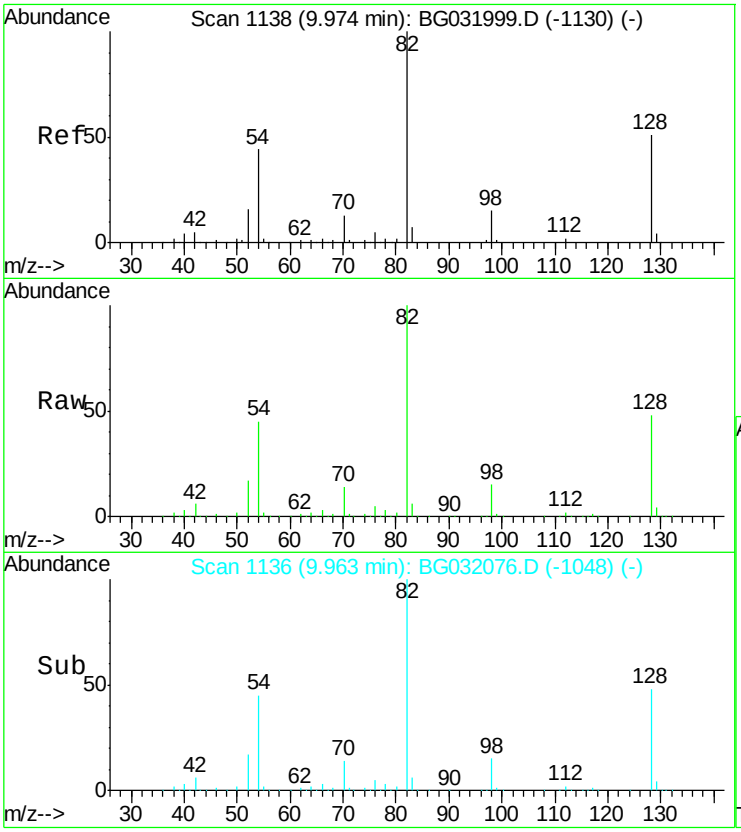


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:136 Resp: 221339

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.5	10.3	15.5#
68	2.8	4.5	6.7#



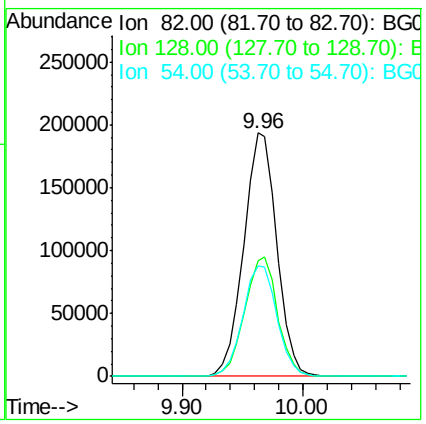


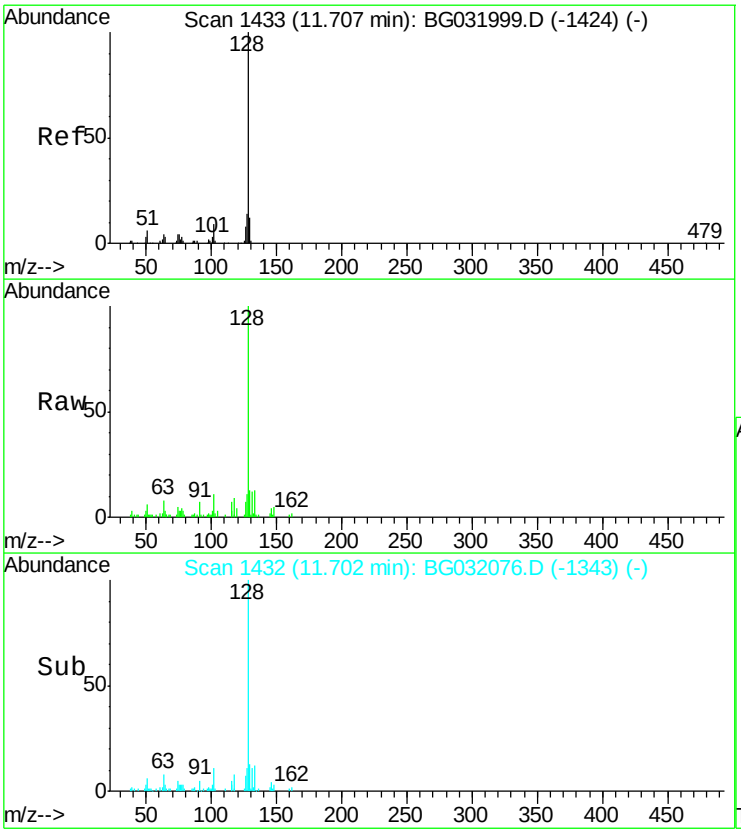
#23
Nitrobenzene-d5
Concen: 112.705 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion: 82 Resp: 368728

Ion	Ratio	Lower	Upper
82	100		
128	47.5	29.7	44.5#
54	45.4	43.1	64.7

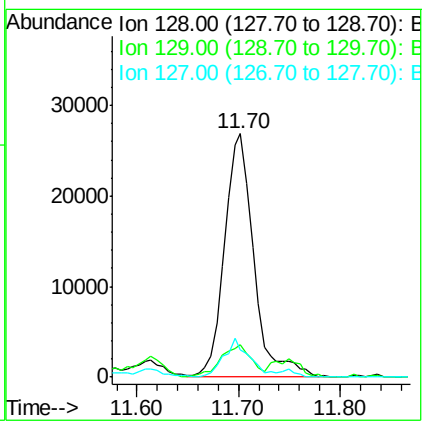


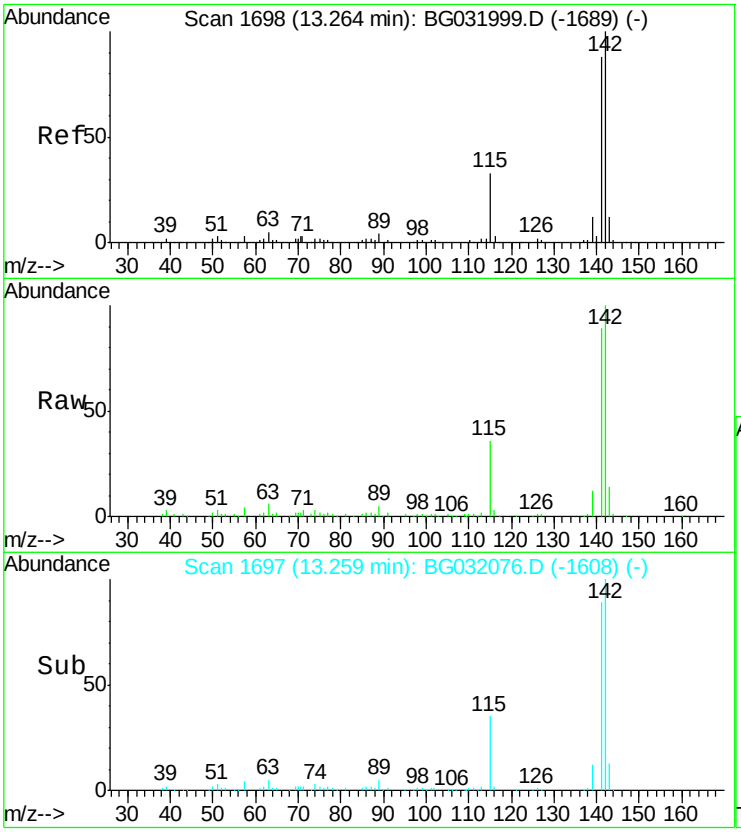


#31
Naphthalene
Concen: 4.930 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:128 Resp: 54053

Ion	Ratio	Lower	Upper
128	100		
129	13.4	8.6	12.8#
127	11.3	11.6	17.4#



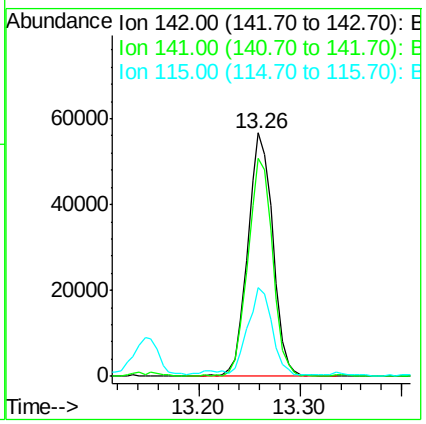


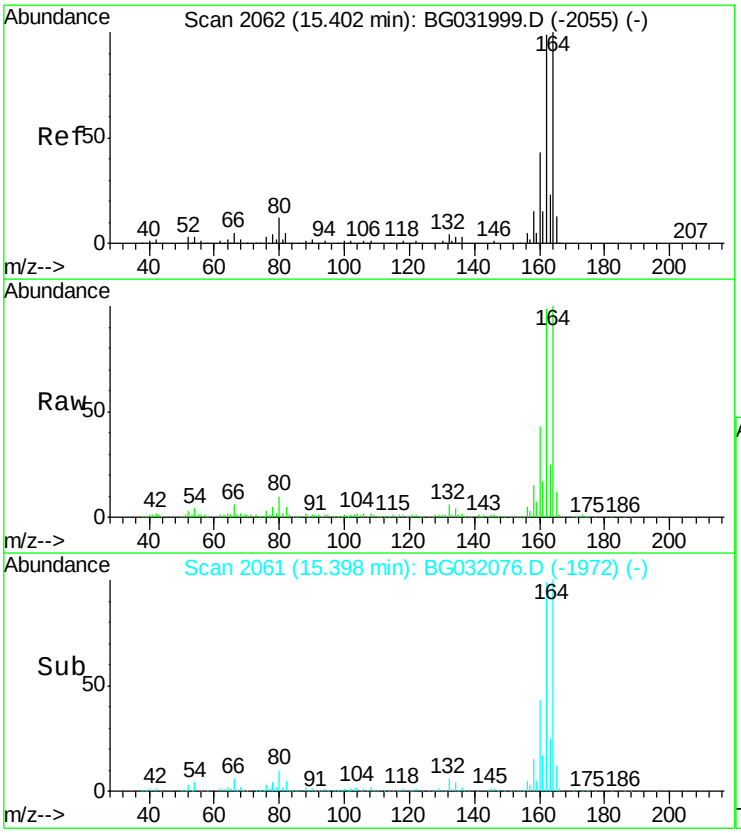
#37
2-Methylnaphthalene
Concen: 11.144 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion:142 Resp: 97011

Ion	Ratio	Lower	Upper
142	100		
141	89.4	67.1	100.7
115	36.3	30.7	46.1

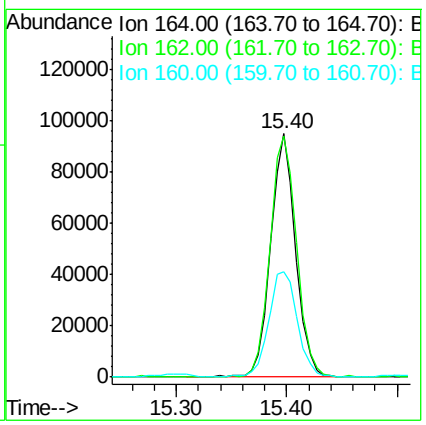


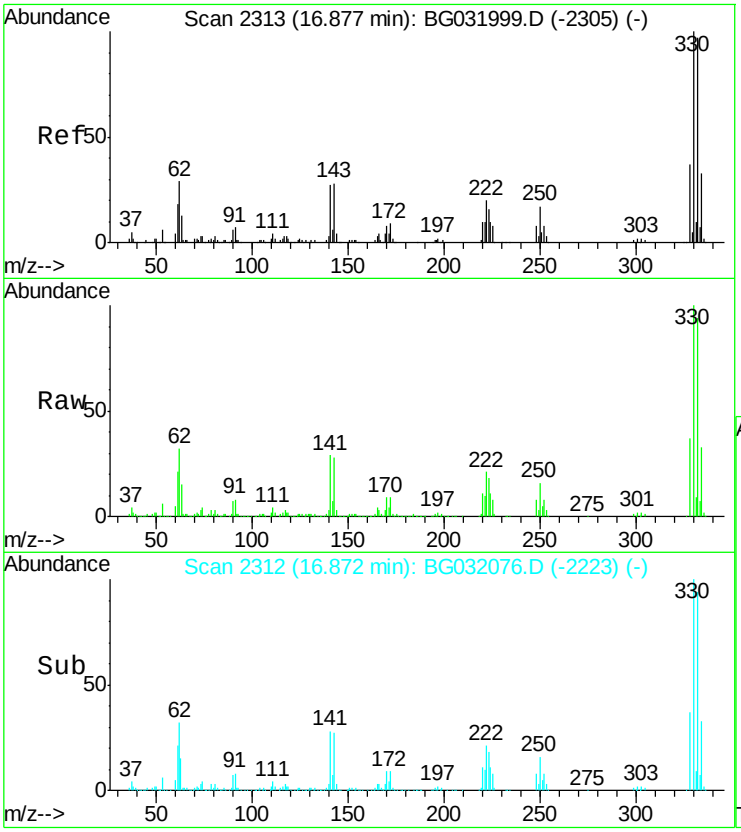


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.40 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:164 Resp: 149100

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.8	118.2
160	43.1	35.4	53.0



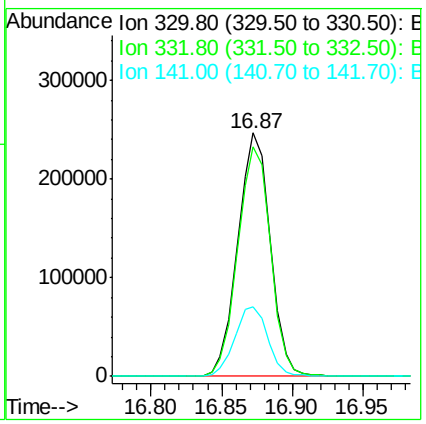


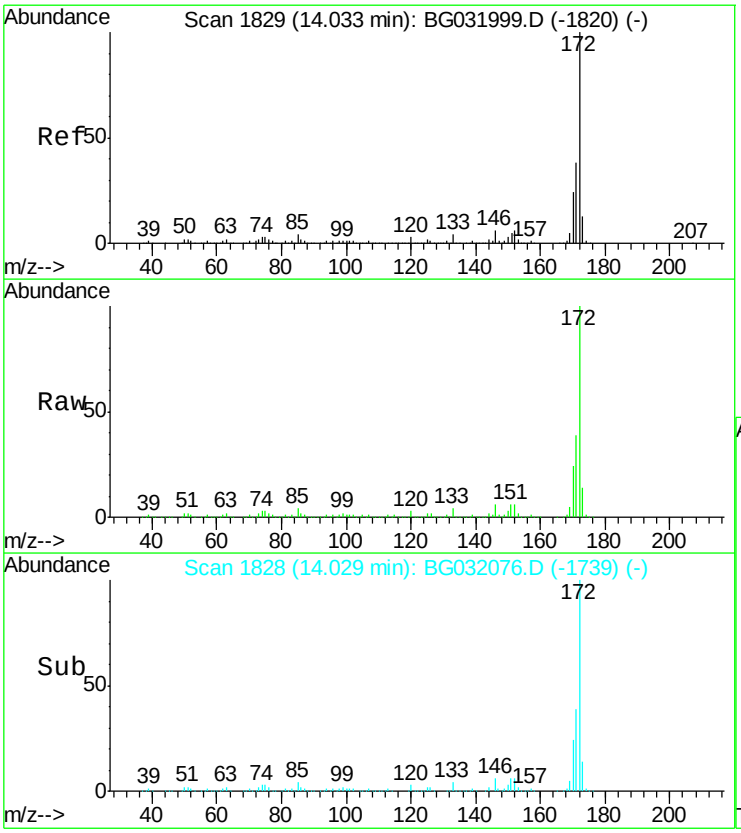
#41
2,4,6-Tribromophenol
Concen: 161.267 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion:330 Resp: 397887

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	28.8	25.2	37.8

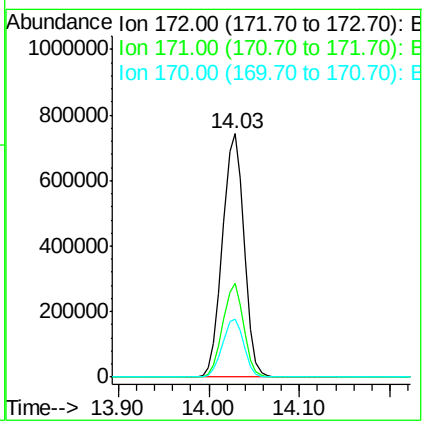


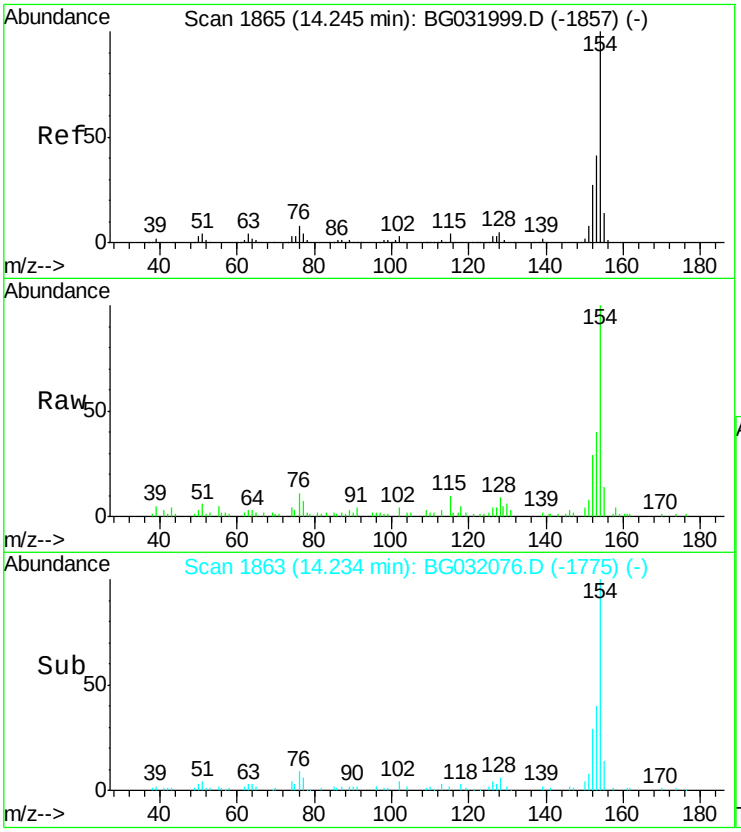


#44
2-Fluorobiphenyl
Concen: 102.097 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:172 Resp: 1227688

Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	23.9	19.5	29.3



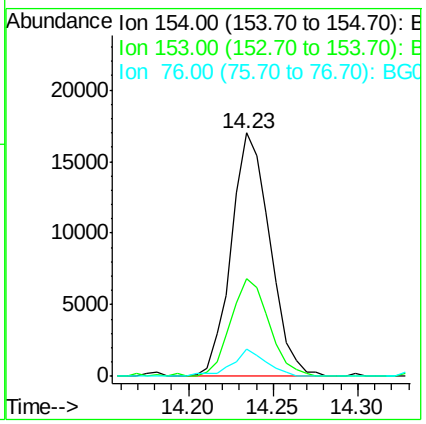


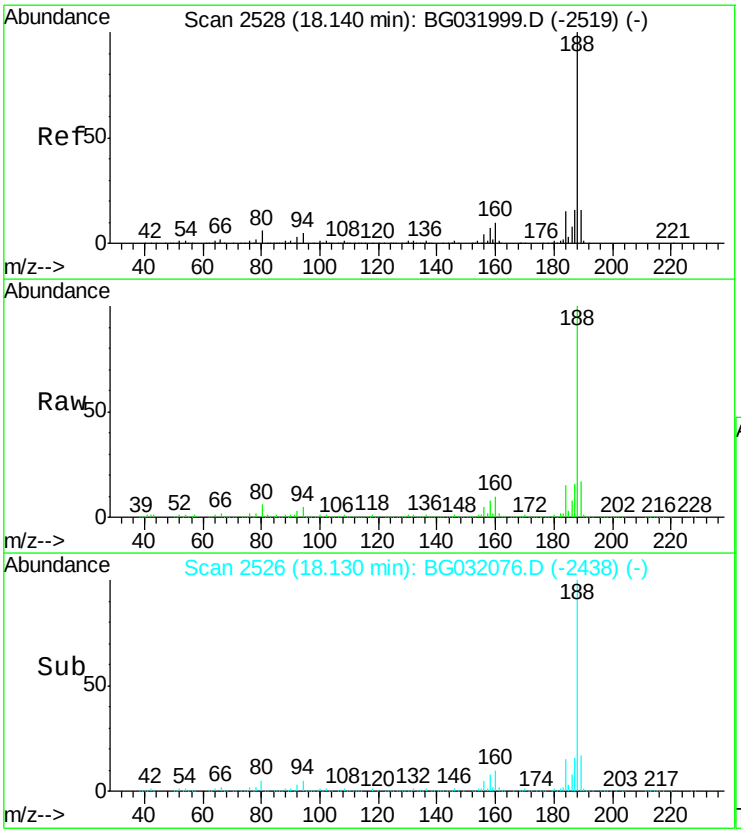
#45
1,1'-Biphenyl
Concen: 2.118 ng
RT: 14.23 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion:154 Resp: 27069

Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.8	59.8
76	11.2	0.0	31.9

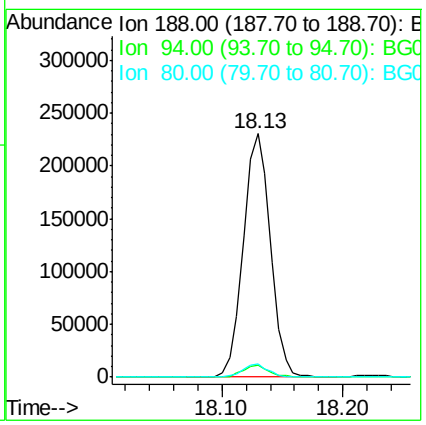


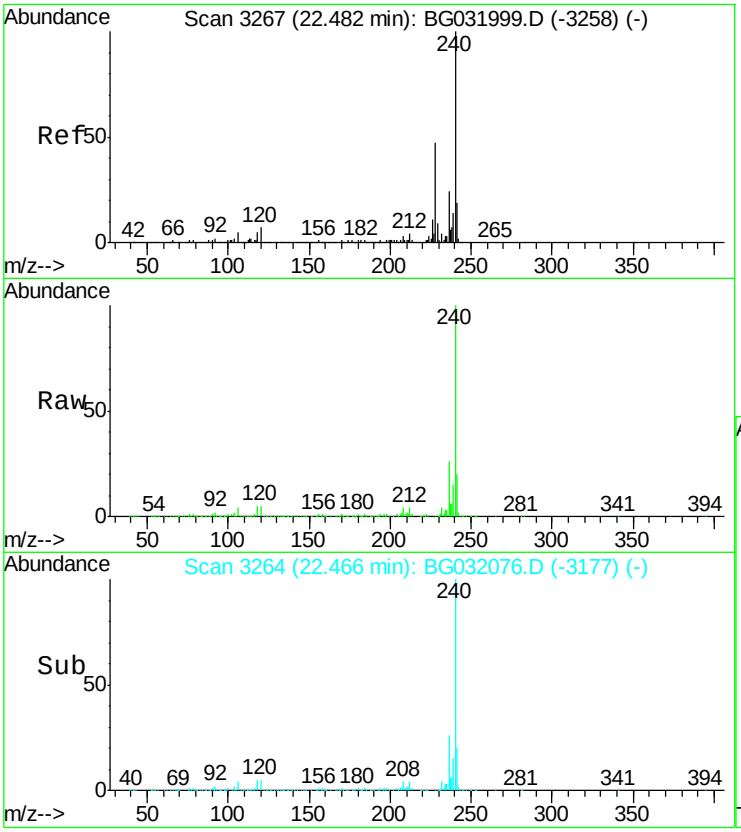


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:188 Resp: 361411

Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	5.6	7.7	11.5#



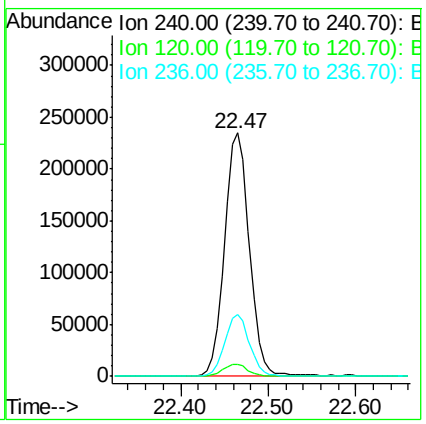


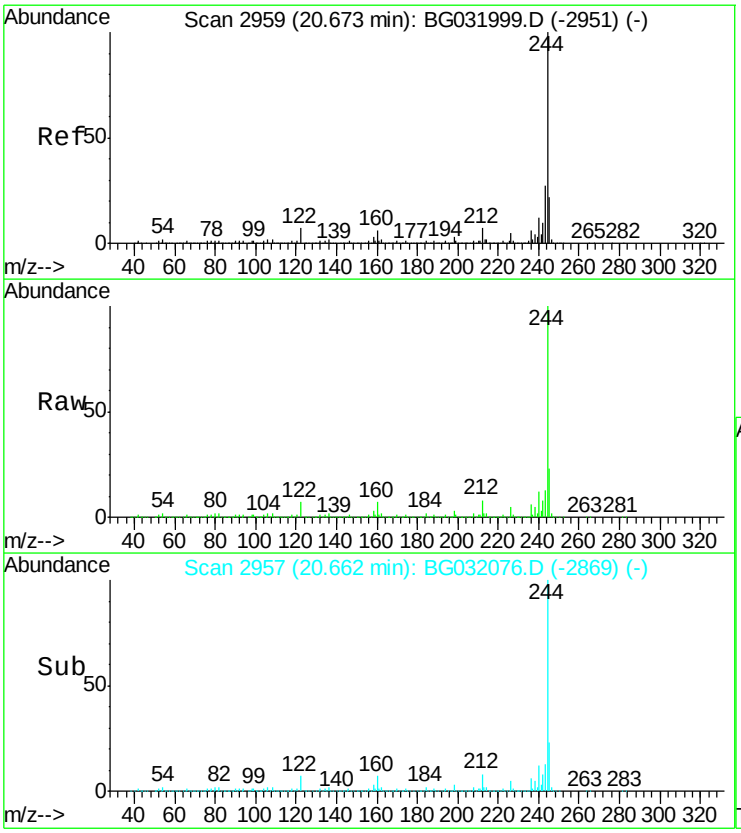
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3264
Delta R.T. -0.02 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion:240 Resp: 456067

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.8	10.2#
236	25.6	20.9	31.3

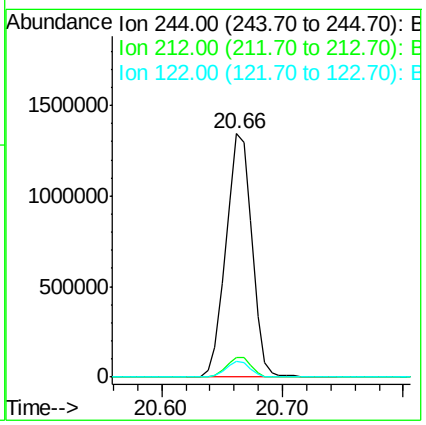


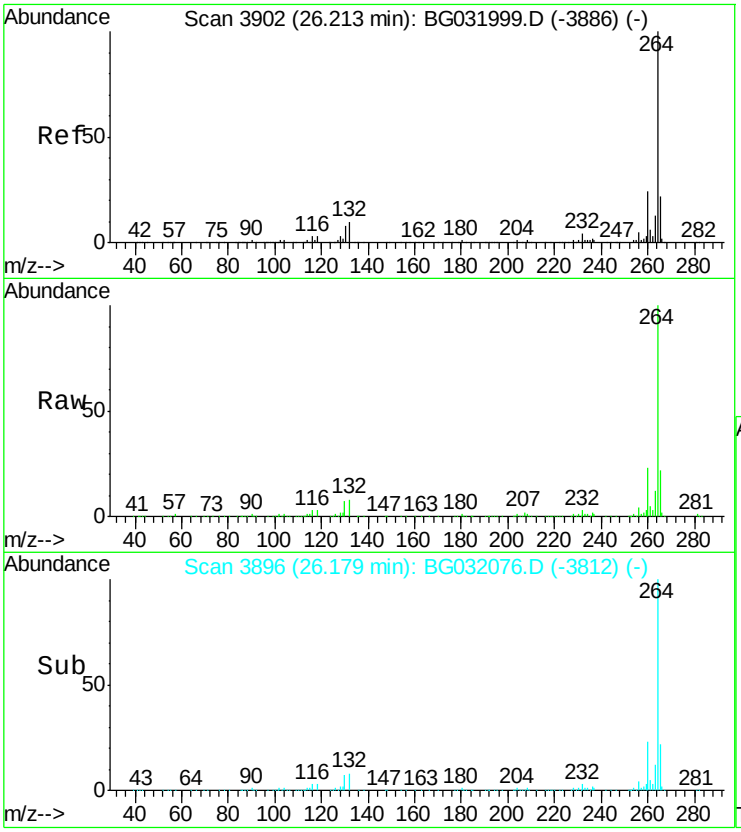


#78
Terphenyl-d14
Concen: 97.306 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Tgt Ion:244 Resp: 2009829

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	6.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.18 min Scan# 3896
Delta R.T. -0.03 min
Lab File: BG032076.D
Acq: 16 Jan 2018 19:15

Instrument :
BNA_G
ClientSampleId :
DRUM-PW

Tgt Ion:264 Resp: 473537

Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	22.1	17.7	26.5