Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
Data File : BG019127.D
Acq On : 10 Oct 2015 21:15
Operator : UM/NP
Sample : G3929-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Oct 12 06:38:19 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16439	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	71738	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	51248	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	132479	20.00	ng		0.00
75) Chrysene-d12	21.68	240	162949	20.00	ng		0.00
86) Perylene-d12	24.90	264	155280	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	52851	65.46	ng		0.00
7) Phenol-d6	7.19	99	47771	38.51	ng		0.00
23) Nitrobenzene-d5	9.19	82	151570	116.74	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	115800	165.82	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	372278	111.70	ng		0.00
78) Terphenyl-d14	20.02	244	623997	101.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	68	0.20	ng	#	38
15) Benzyl Alcohol	8.35	79	2527	2.28	ng	#	58
24) Nitrobenzene	9.19	77	495	0.36	ng	#	43
31) Naphthalene	11.10	128	65	0.02	ng	#	1
45) 1,1'-Biphenyl	13.29	154	844	0.23	ng	#	1
51) Acenaphthene	14.66	154	103	0.03	ng	#	3
54) Dibenzofuran	15.07	168	62	0.01	ng	#	41
59) Diethylphthalate	15.47	149	327	0.08	ng	#	59
62) Azobenzene	16.15	77	664	0.17	ng	#	1
65) n-Nitrosodiphenylamine	16.14	169	4303	1.18	ng	#	48
70) Phenanthrene	17.53	178	115	0.02	ng	#	59
71) Anthracene	17.53	178	115	0.02	ng	#	60
73) Di-n-butylphthalate	18.37	149	800	0.10	ng	#	77
74) Fluoranthene	19.45	202	243	0.03	ng		65
77) Pyrene	19.81	202	116	0.01	ng	#	56
79) Butylbenzylphthalate	20.71	149	130	0.03	ng	#	62
80) Benzo(a)anthracene	21.68	228	568	0.07	ng	#	51
82) Chrysene	21.72	228	221	0.03	ng	#	48
83) Bis(2-ethylhexyl)phthalate	21.58	149	1486	0.29	ng	#	52
84) Di-n-octyl phthalate	22.79	149	137	0.02	ng	#	71
89) Benzo(a)pyrene	24.89	252	548	0.07	ng	#	61
90) Dibenzo(a,h)anthracene	28.66	278	54	0.01	ng	#	57

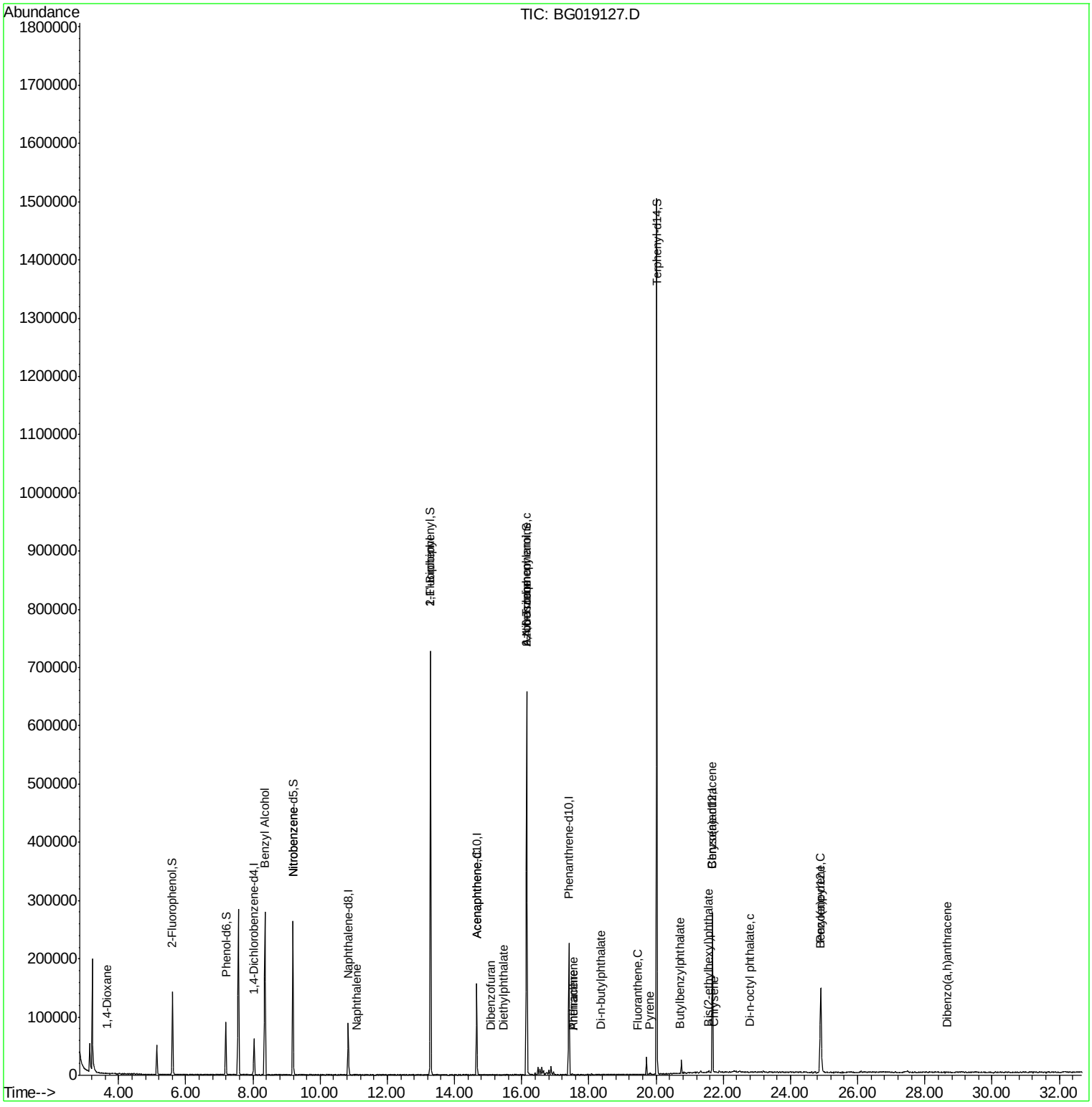
(#) = qualifier out of range (m) = manual integration (+) = signals summed

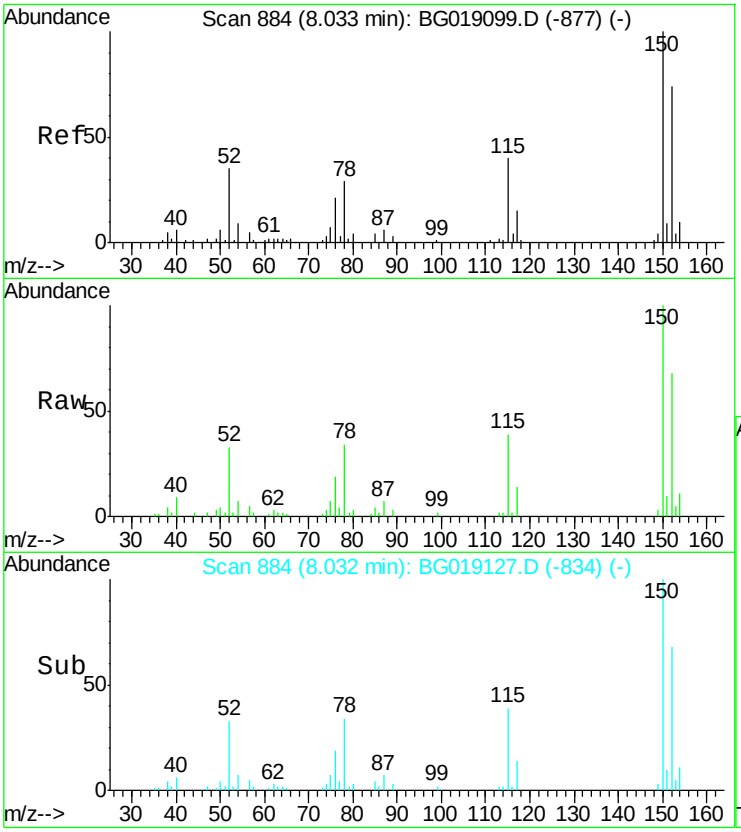
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
Data File : BG019127.D
Acq On : 10 Oct 2015 21:15
Operator : UM/NP
Sample : G3929-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Oct 12 06:38:19 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 06:30:50 2015
Response via : Initial Calibration



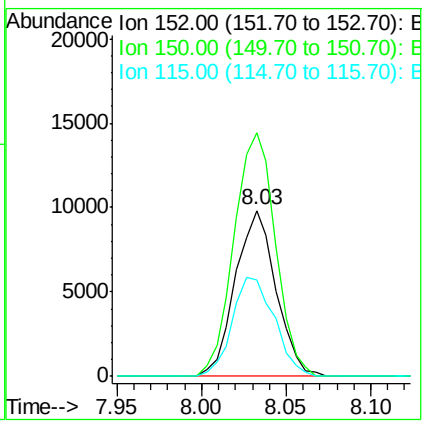


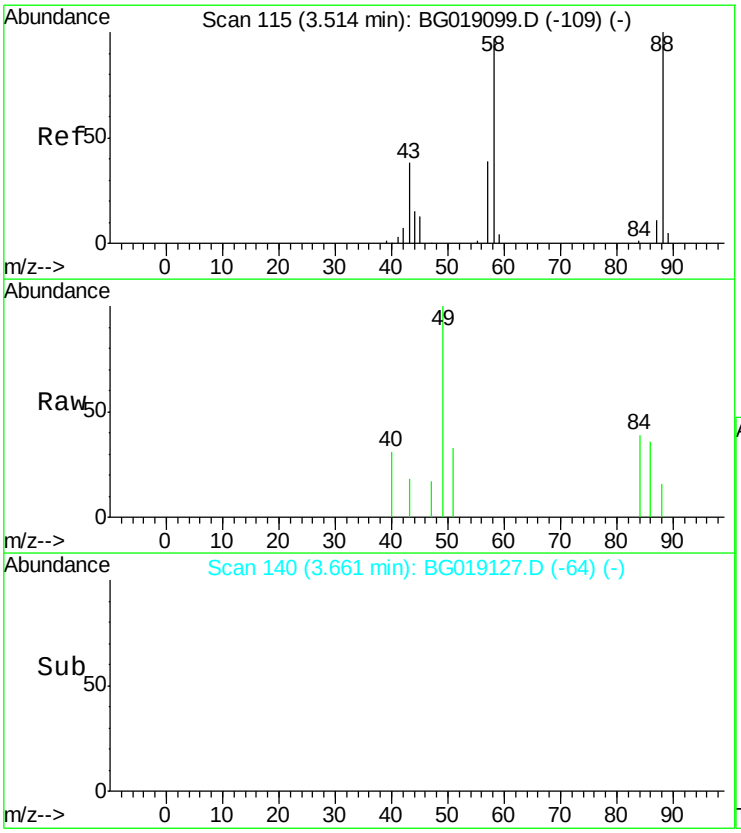
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 16439

Ion	Ratio	Lower	Upper
152	100		
150	146.8	108.2	162.2
115	57.8	43.2	64.8

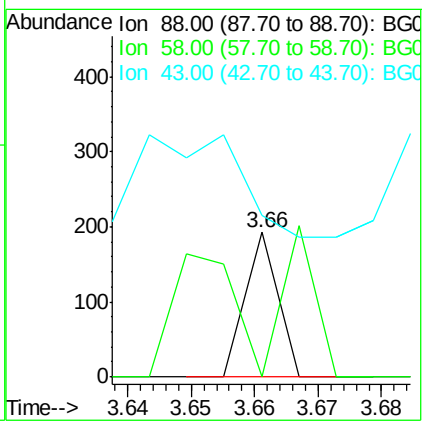


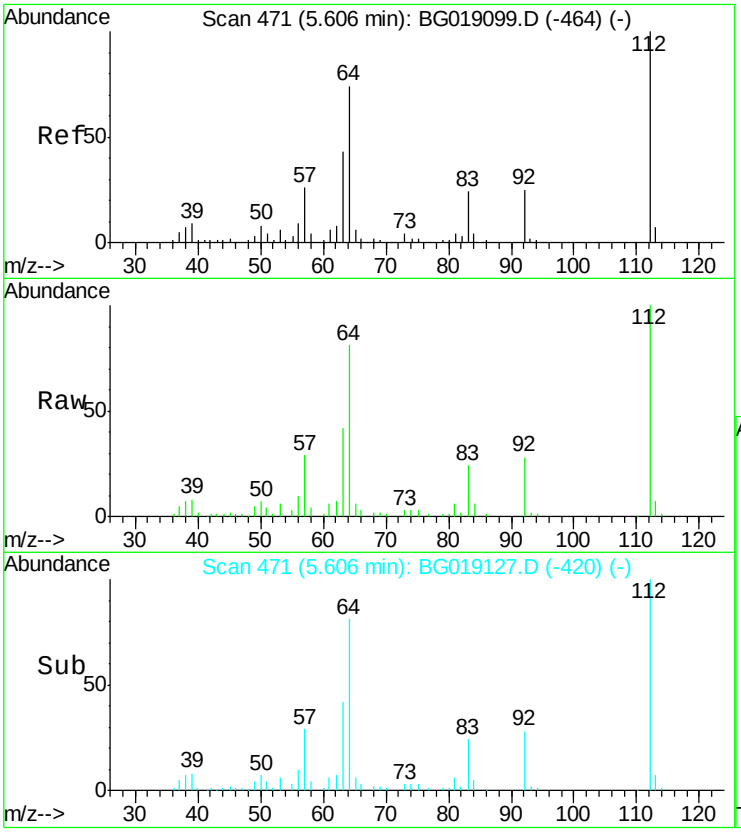


#2
1,4-Dioxane
Concen: 0.20 ng
RT: 3.66 min Scan# 140
Delta R.T. 0.15 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
58	163.2	81.1	121.7#
43	0.0	31.0	46.6#



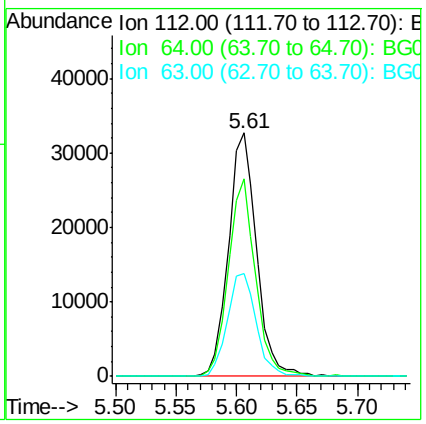


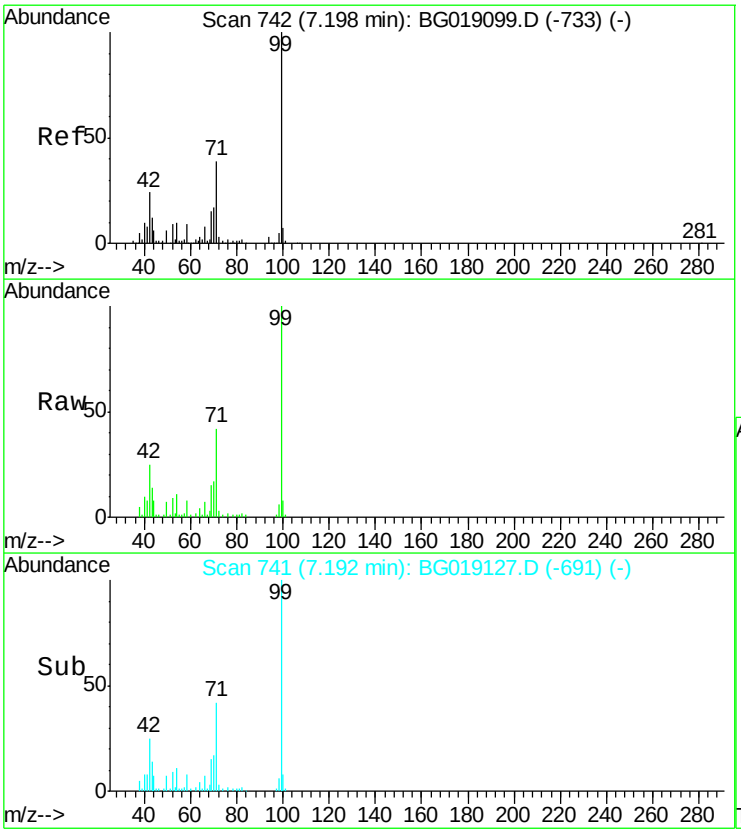
#5
2-Fluorophenol
Concen: 65.46 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:112 Resp: 52851

Ion	Ratio	Lower	Upper
112	100		
64	81.4	59.0	88.4
63	42.0	34.7	52.1

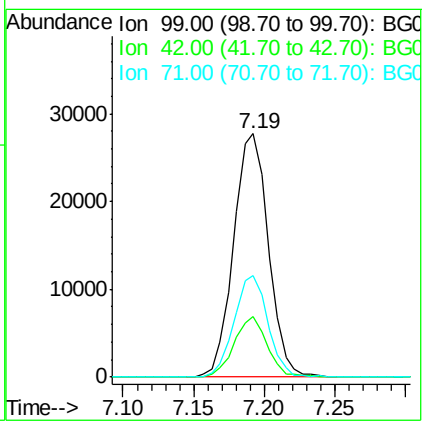


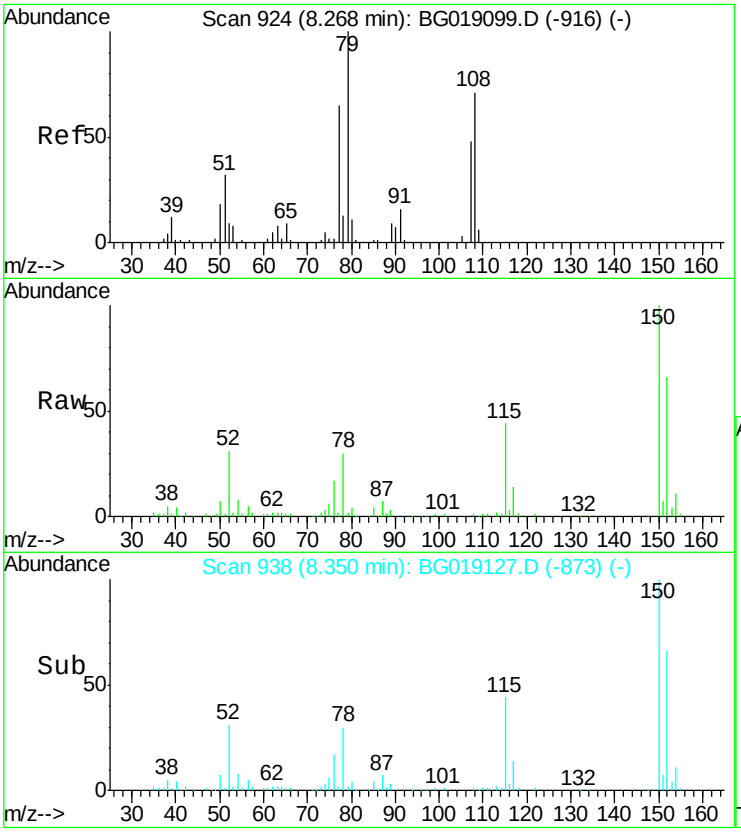


#7
Phenol-d6
Concen: 38.51 ng
RT: 7.19 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion: 99 Resp: 47771

Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.5	29.3
71	41.6	31.4	47.0



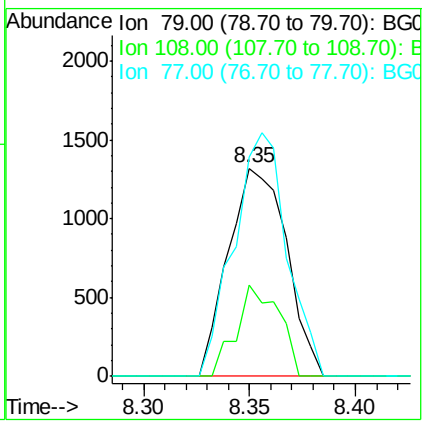


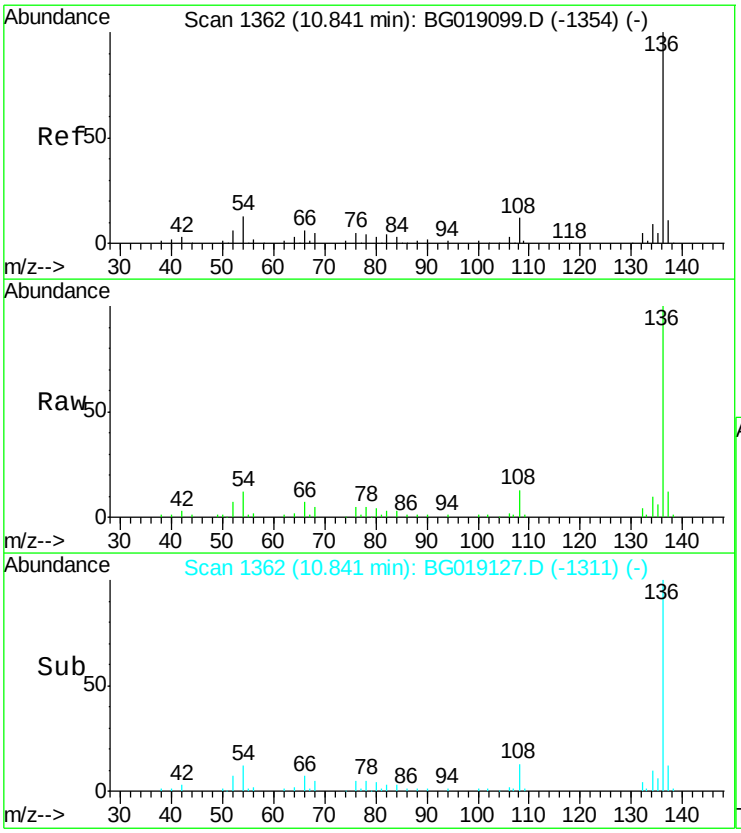
#15
Benzyl Alcohol
Concen: 2.28 ng
RT: 8.35 min Scan# 938
Delta R.T. 0.08 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 79 Resp: 2527

Ion	Ratio	Lower	Upper
79	100		
108	43.9	56.6	84.8#
77	105.3	51.6	77.4#

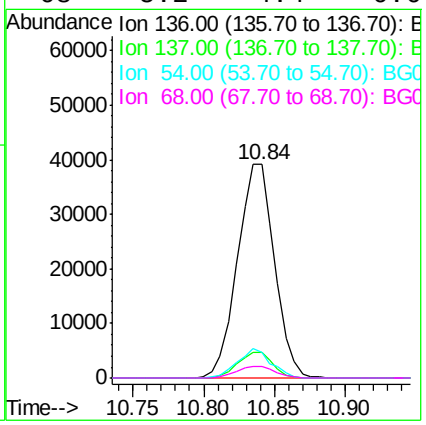


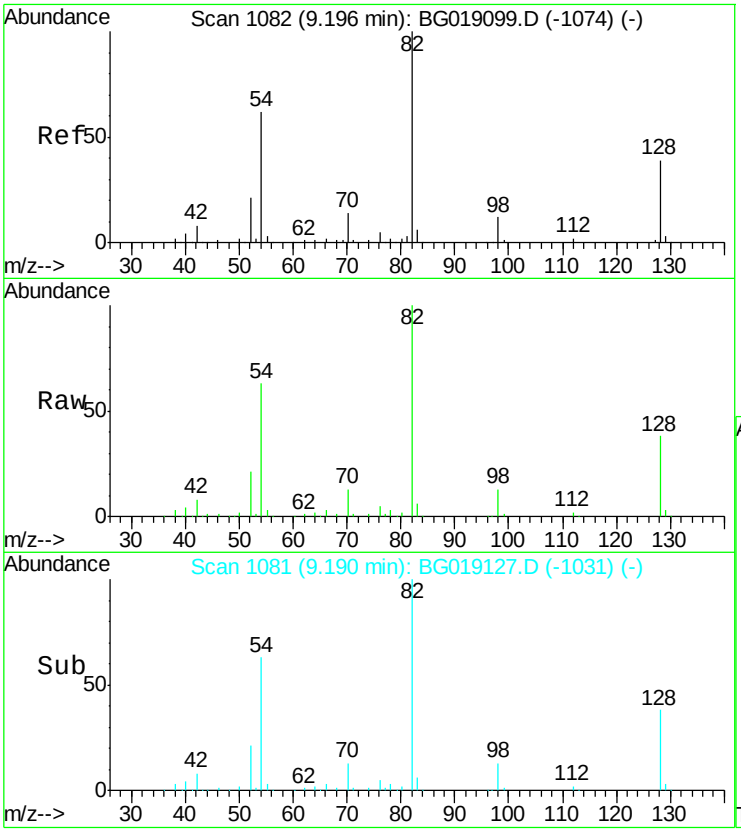


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:136 Resp: 71738

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.0	13.4
54	12.3	10.1	15.1
68	5.2	4.4	6.6

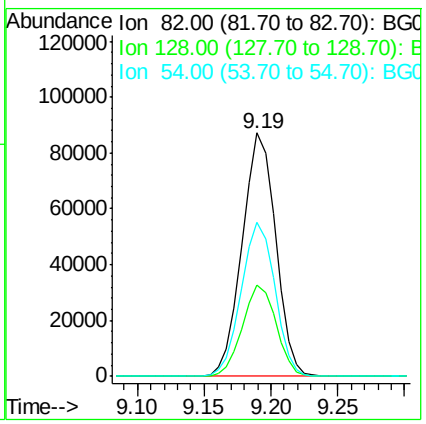




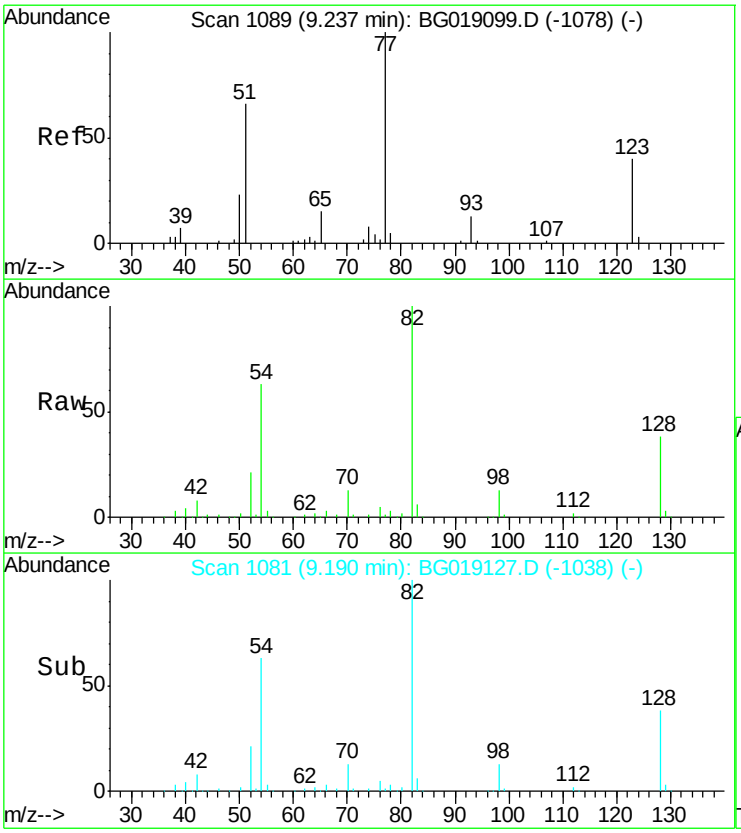
#23
Nitrobenzene-d5
Concen: 116.74 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion: 82 Resp: 151570

Ion	Ratio	Lower	Upper
82	100		
128	37.6	31.4	47.2
54	63.3	50.0	75.0



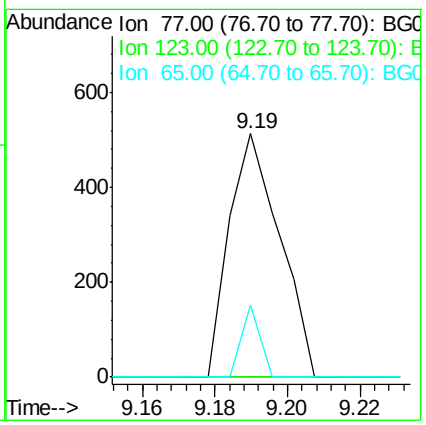
Instrument :
BNA_G
ClientSampleId :

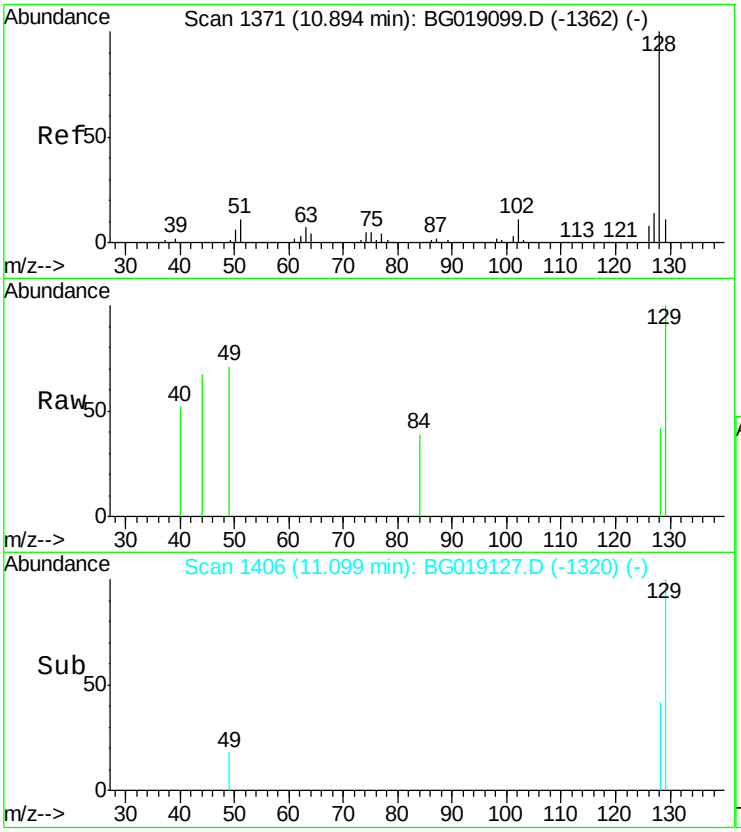


#24
Nitrobenzene
Concen: 0.36 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.05 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion: 77 Resp: 495

Ion	Ratio	Lower	Upper
77	100		
123	0.0	31.8	47.6#
65	29.4	11.8	17.6#



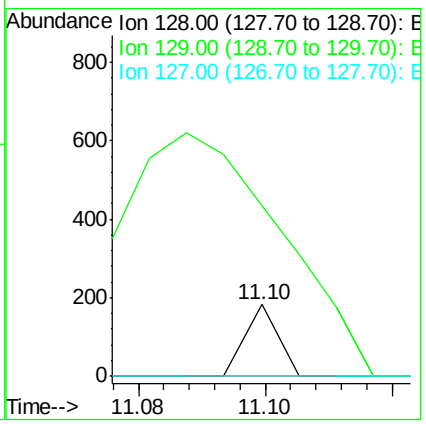


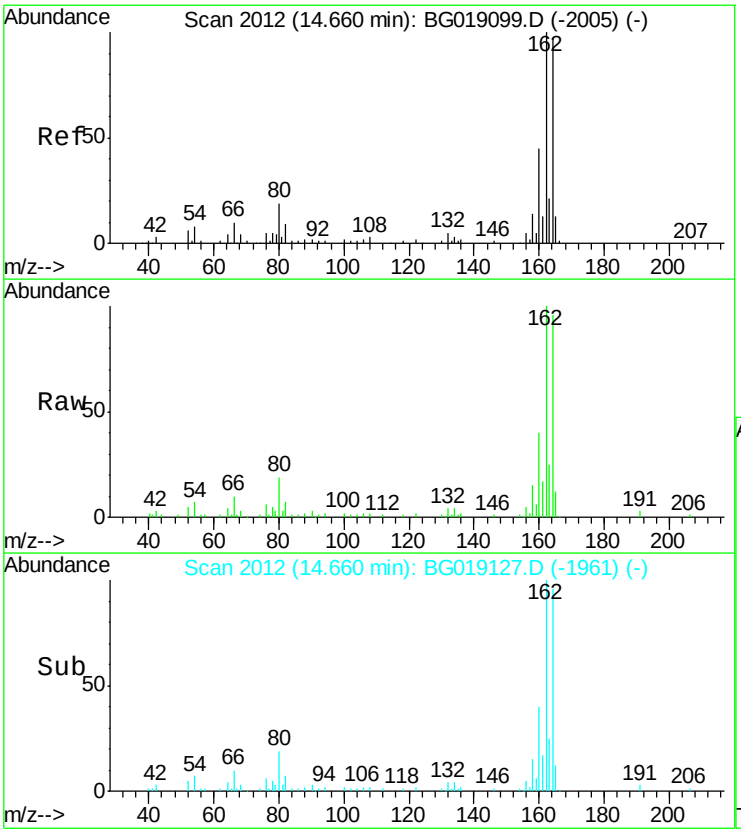
#31
Naphthalene
Concen: 0.02 ng
RT: 11.10 min Scan# 1406
Delta R.T. 0.21 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 65

Ion	Ratio	Lower	Upper
128	100		
129	237.2	8.6	12.8#
127	0.0	11.4	17.0#

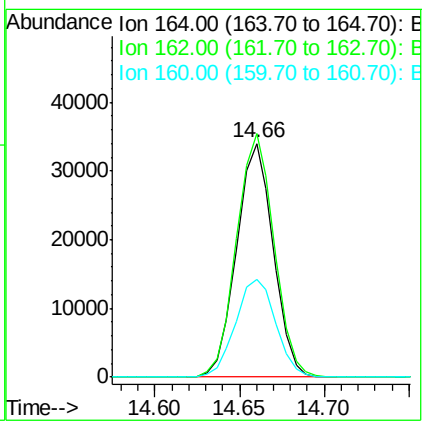


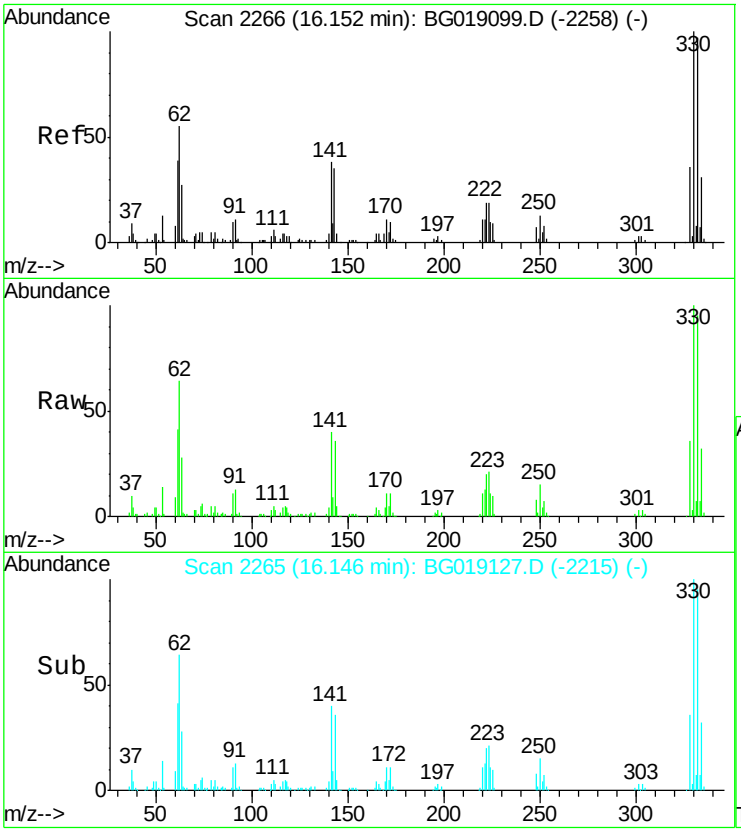


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:164 Resp: 51248

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.6	124.0
160	41.9	36.9	55.3



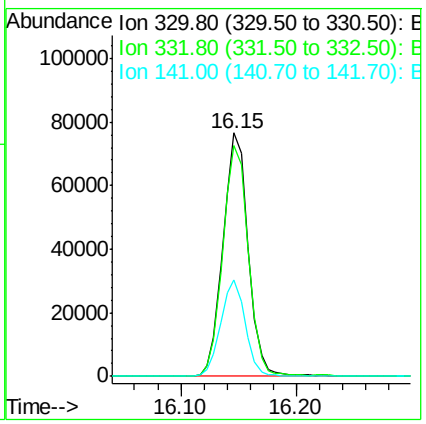


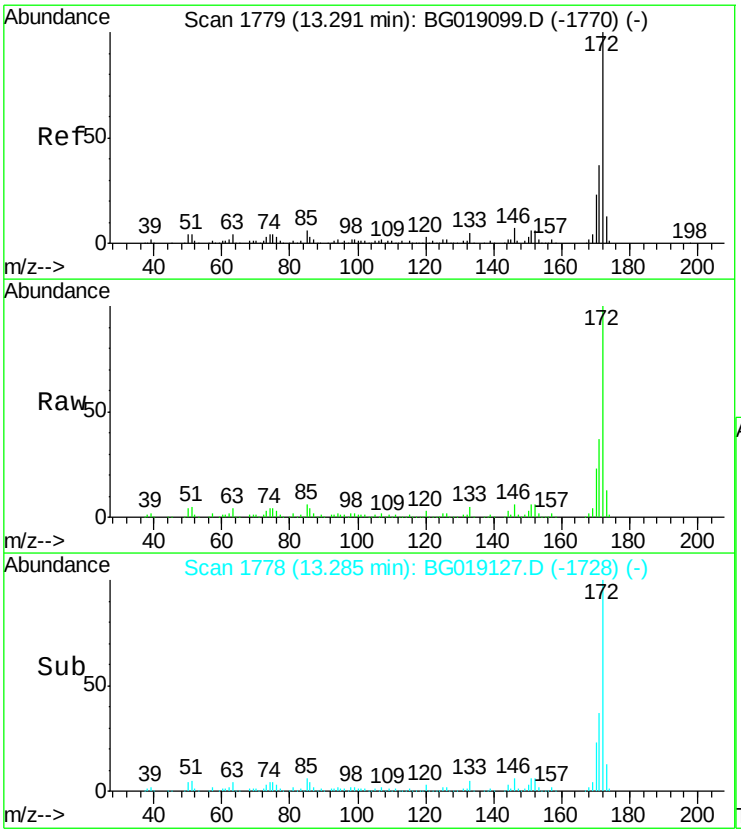
#41
2,4,6-Tribromophenol
Concen: 165.82 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:330 Resp: 115800

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	38.7	30.7	46.1

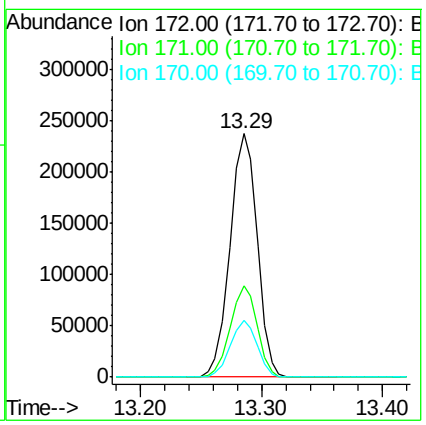


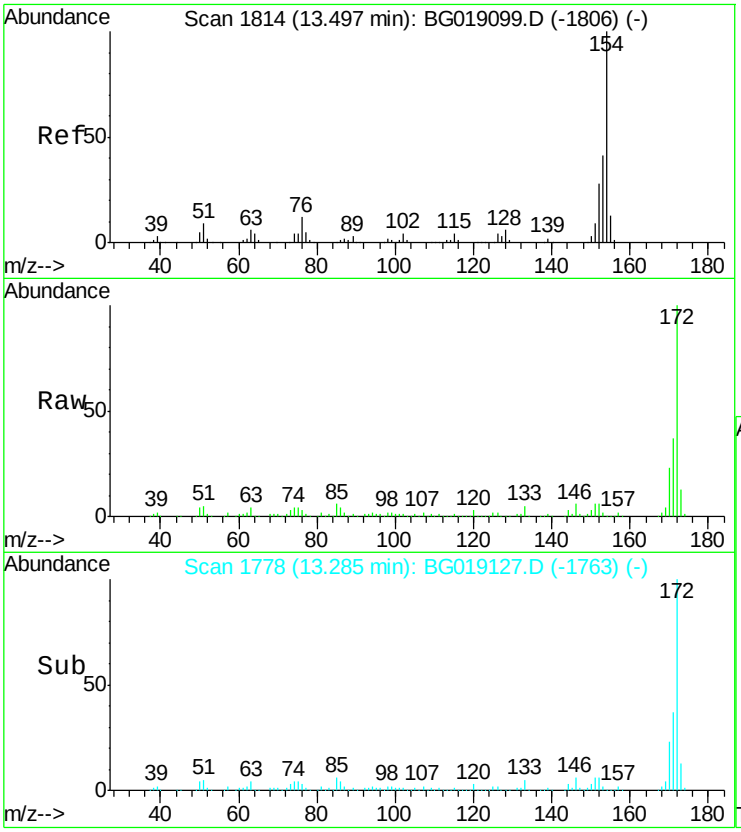


#44
2-Fluorobiphenyl
Concen: 111.70 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:172 Resp: 372278

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	23.4	18.6	27.8



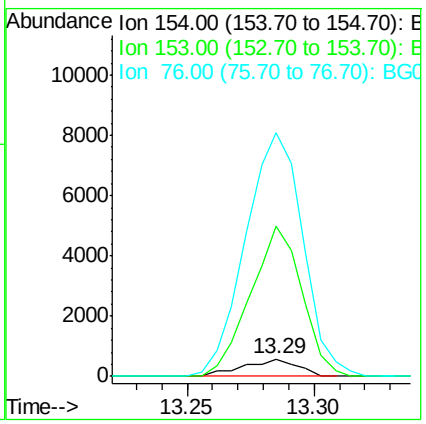


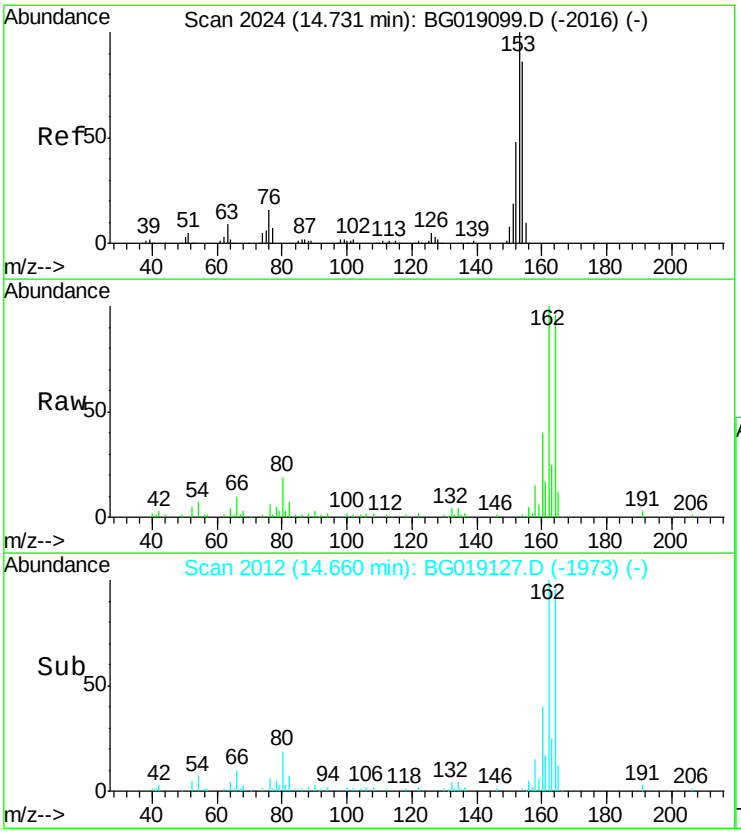
#45
1,1'-Biphenyl
Concen: 0.23 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.21 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:154 Resp: 844

Ion	Ratio	Lower	Upper
154	100		
153	874.6	20.6	60.6#
76	1423.1	0.0	32.2#

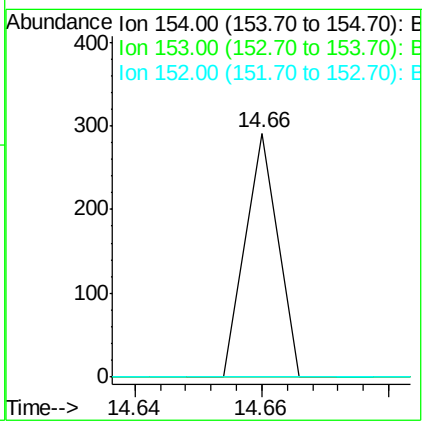


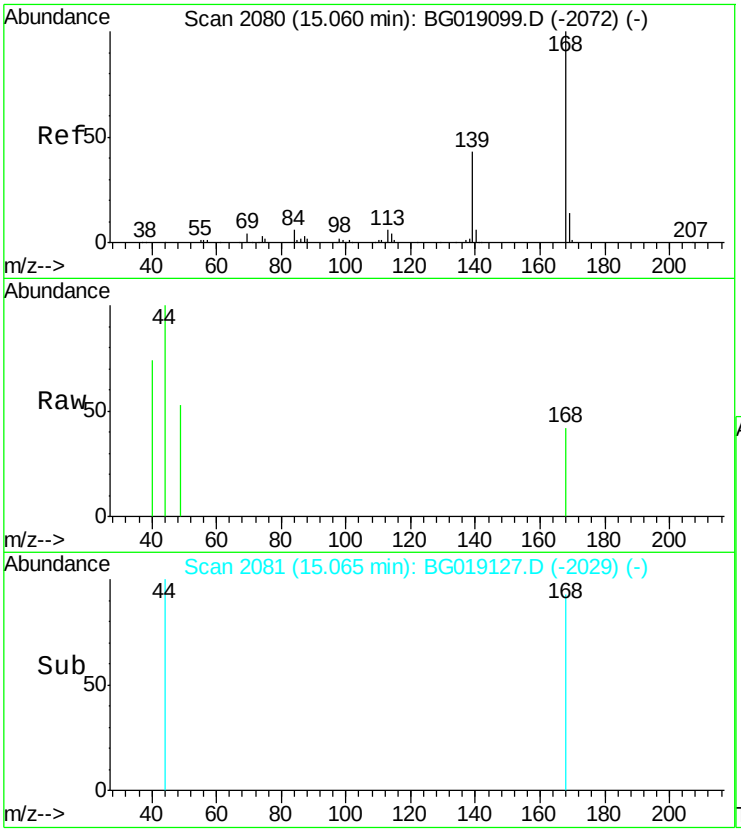


#51
Acenaphthene
Concen: 0.03 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.07 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:154 Resp: 103

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.4	140.2#
152	0.0	44.9	67.3#



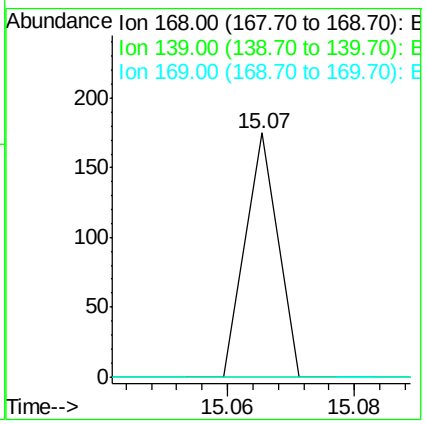


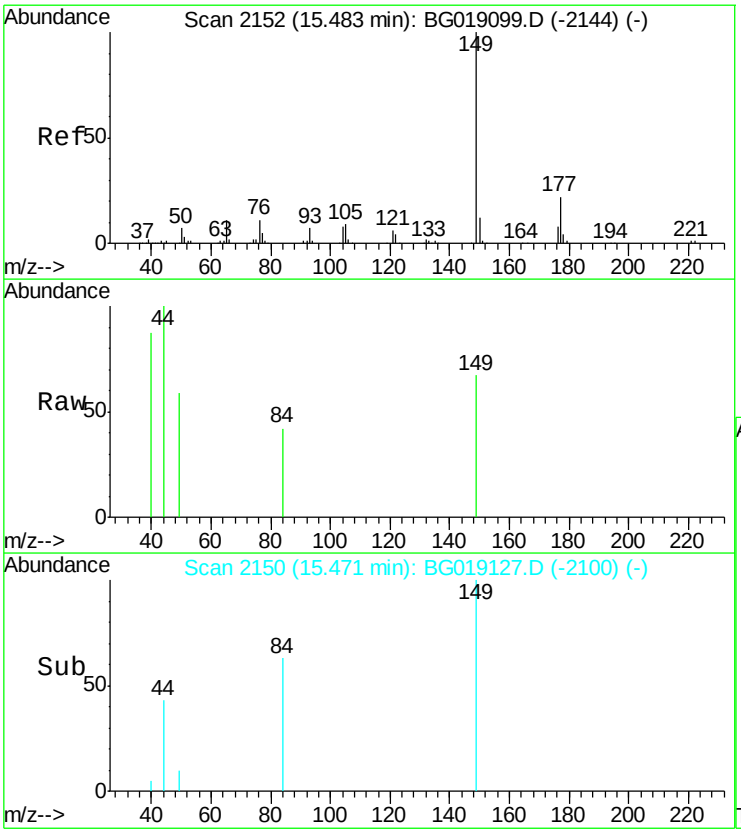
#54
Dibenzofuran
Concen: 0.01 ng
RT: 15.07 min Scan# 2081
Delta R.T. 0.01 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 62

Ion	Ratio	Lower	Upper
168	100		
139	0.0	34.2	51.4#
169	0.0	11.4	17.0#

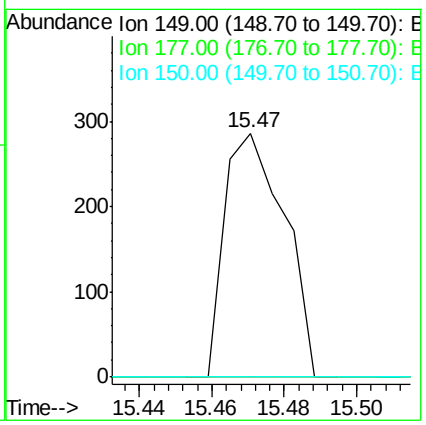


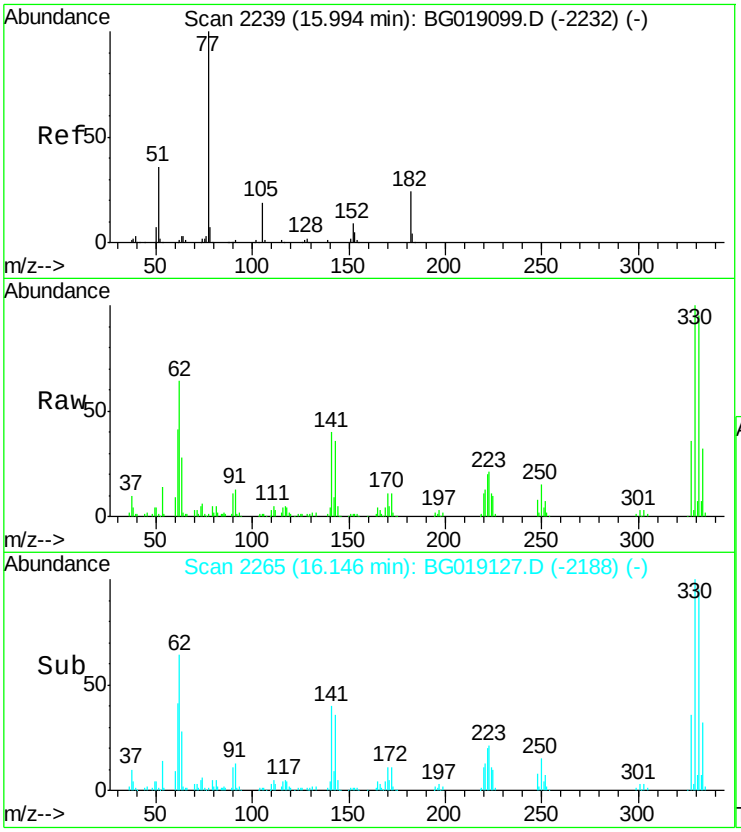


#59
Diethylphthalate
Concen: 0.08 ng
RT: 15.47 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:149 Resp: 327

Ion	Ratio	Lower	Upper
149	100		
177	0.0	17.7	26.5#
150	0.0	9.4	14.2#



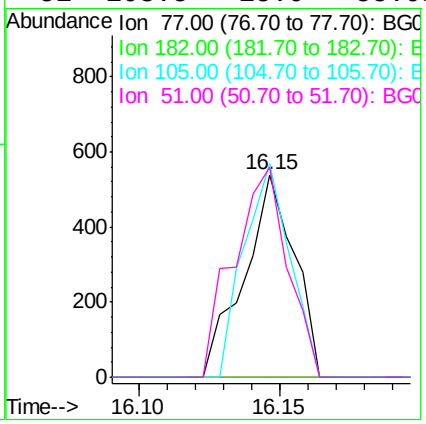


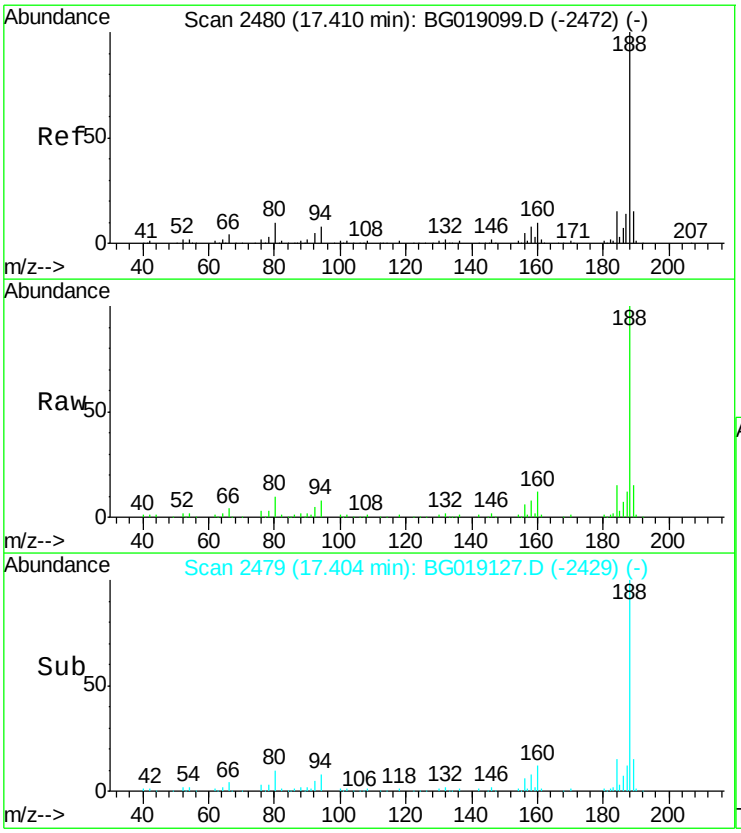
#62
Azobenzene
Concen: 0.17 ng
RT: 16.15 min Scan# 2265
Delta R.T. 0.15 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 664

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.4	44.4#
105	105.6	0.0	39.1#
51	103.5	15.9	55.9#

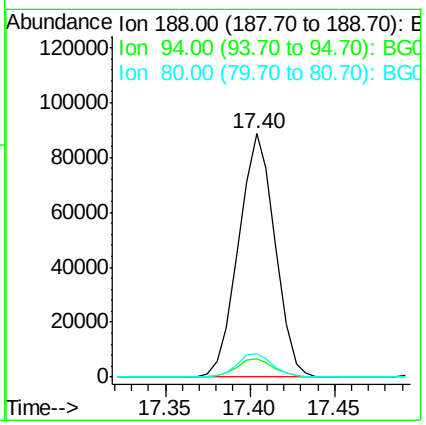


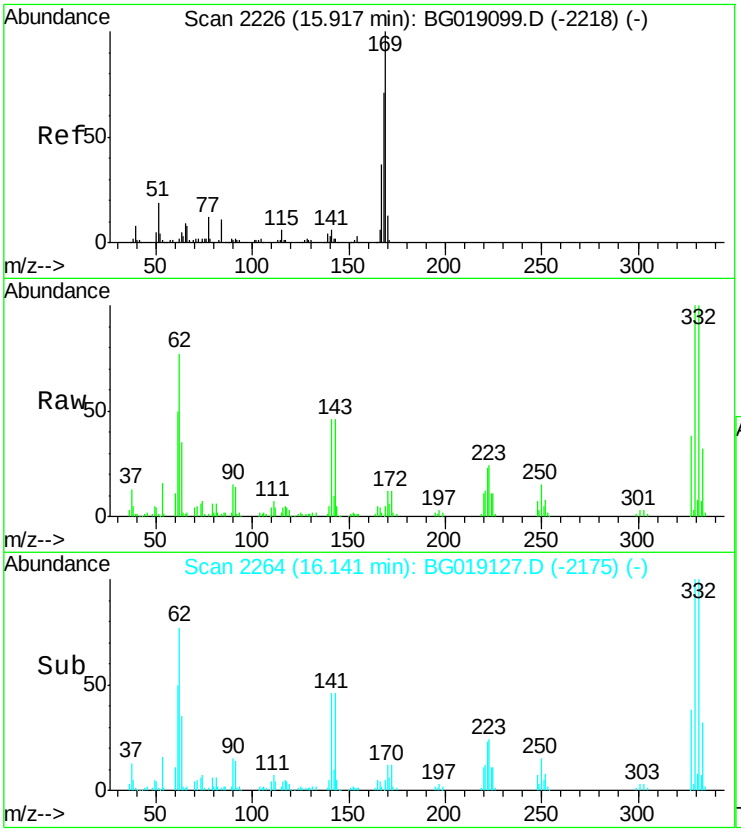


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:188 Resp: 132479

Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.4	9.6
80	9.8	7.6	11.4



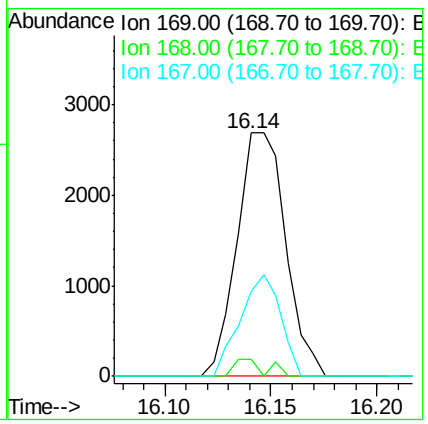


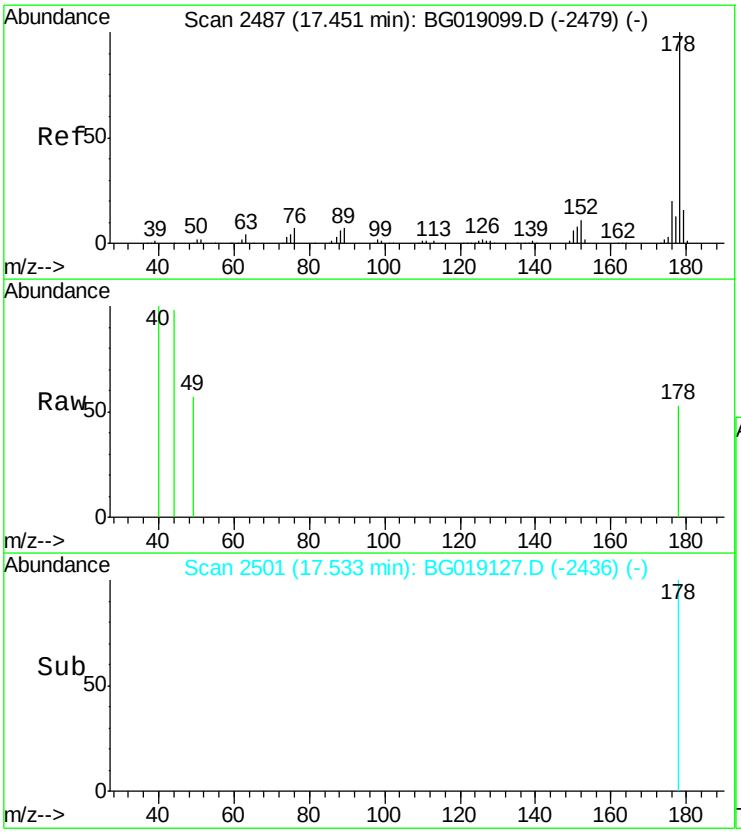
#65
n-Nitrosodiphenylamine
Concen: 1.18 ng
RT: 16.14 min Scan# 2264
Delta R.T. 0.22 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:169 Resp: 4303

Ion	Ratio	Lower	Upper
169	100		
168	7.1	56.6	84.8#
167	34.8	30.0	45.0

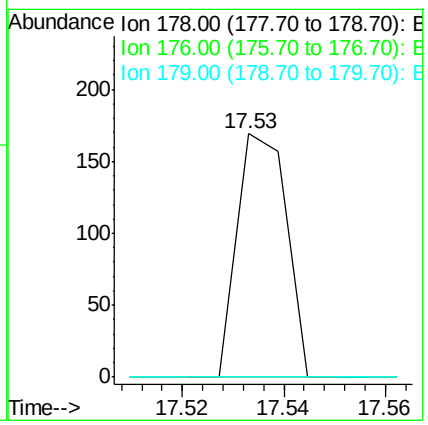


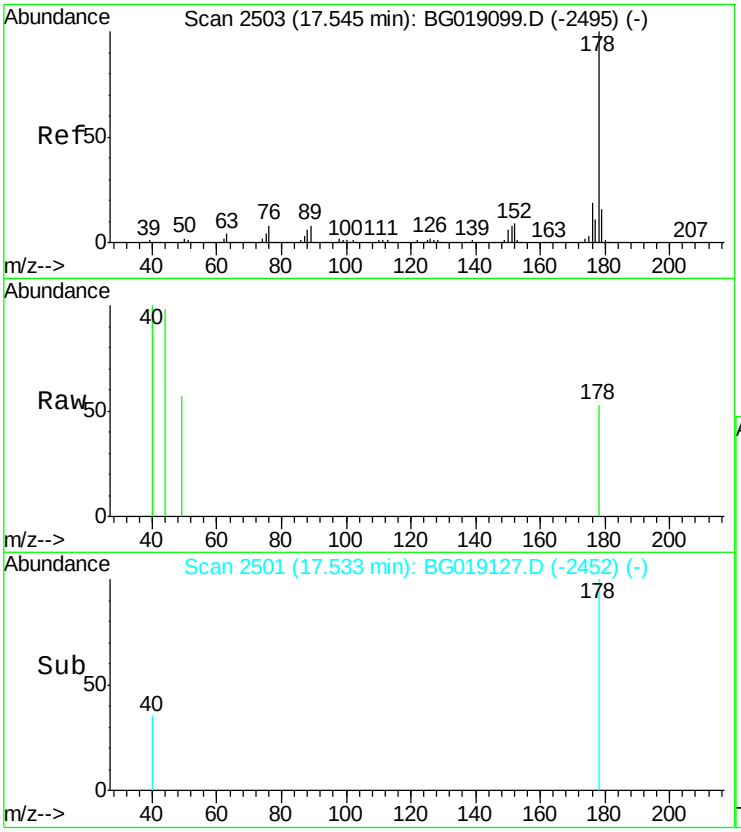


#70
Phenanthrene
Concen: 0.02 ng
RT: 17.53 min Scan# 2501
Delta R.T. 0.08 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:178 Resp: 115

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.3	24.5#
179	0.0	12.8	19.2#



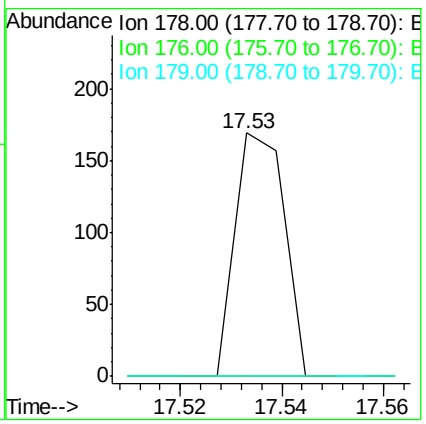


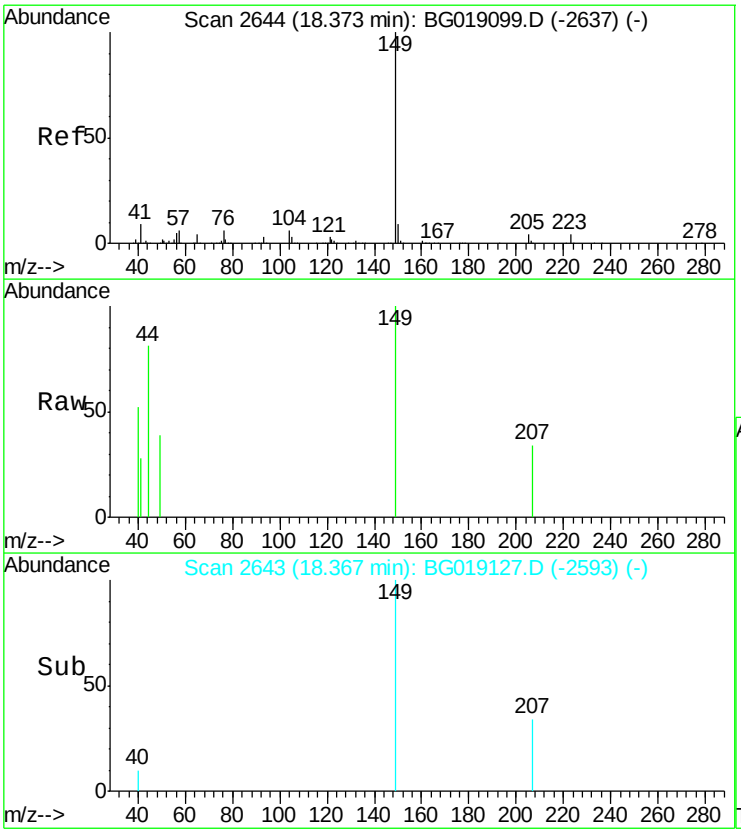
#71
Anthracene
Concen: 0.02 ng
RT: 17.53 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 115

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	12.9	19.3#

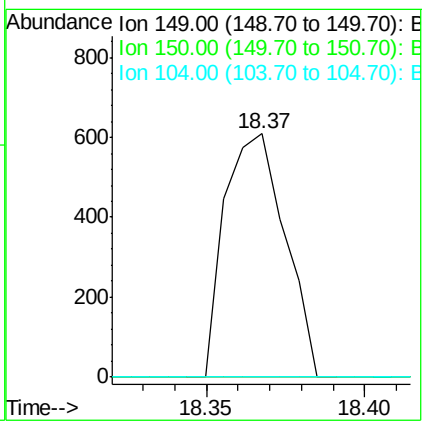


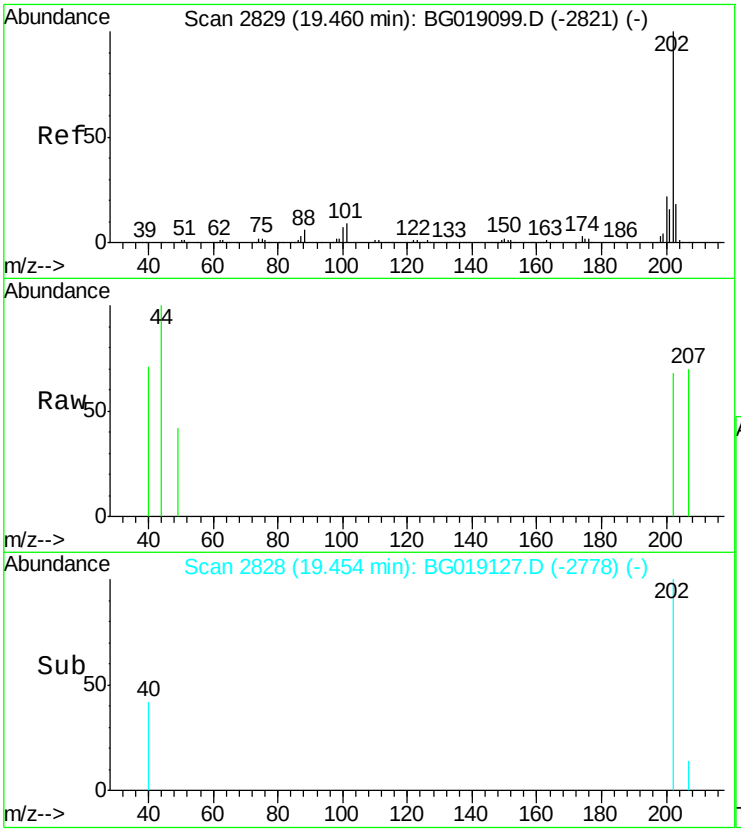


#73
Di-n-butylphthalate
Concen: 0.10 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:149 Resp: 800

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.5	11.3#
104	0.0	5.0	7.6#



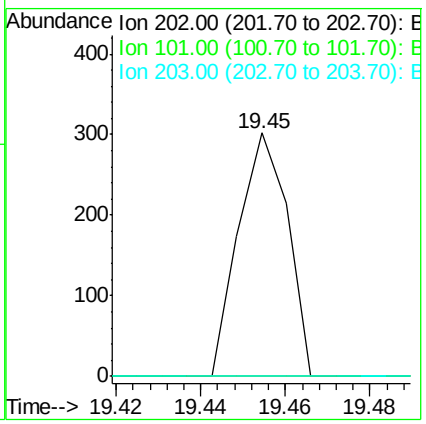


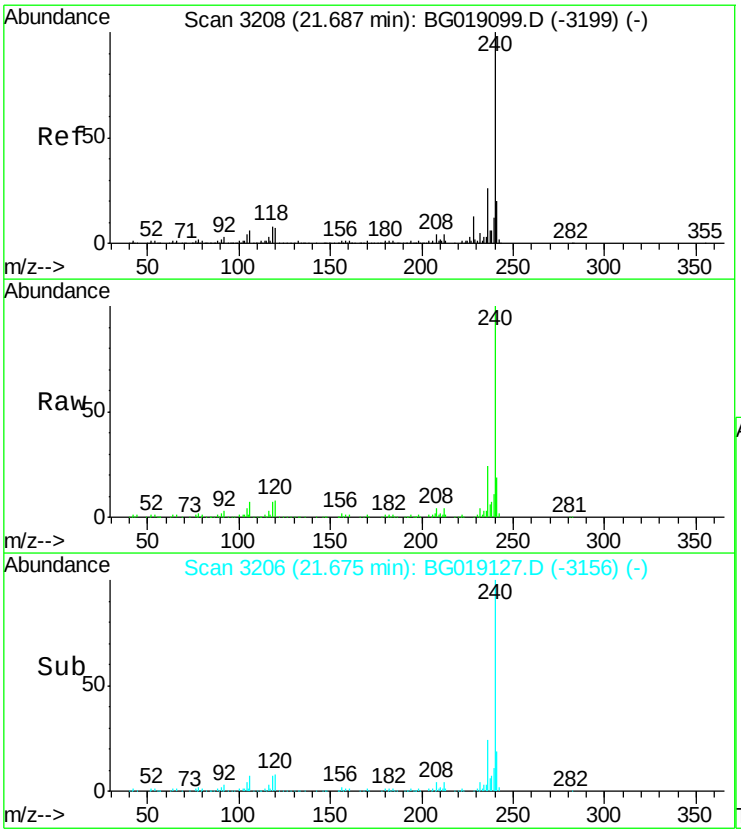
#74
Fluoranthene
Concen: 0.03 ng
RT: 19.45 min Scan# 2828
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 243

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.9
203	0.0	0.0	38.0

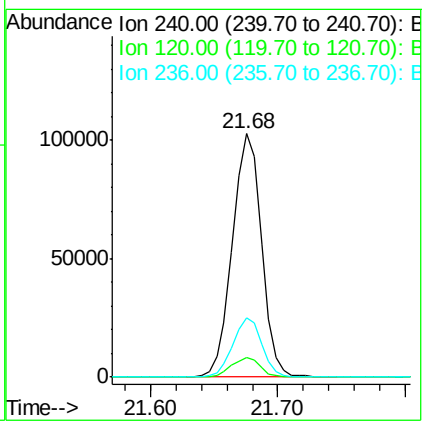


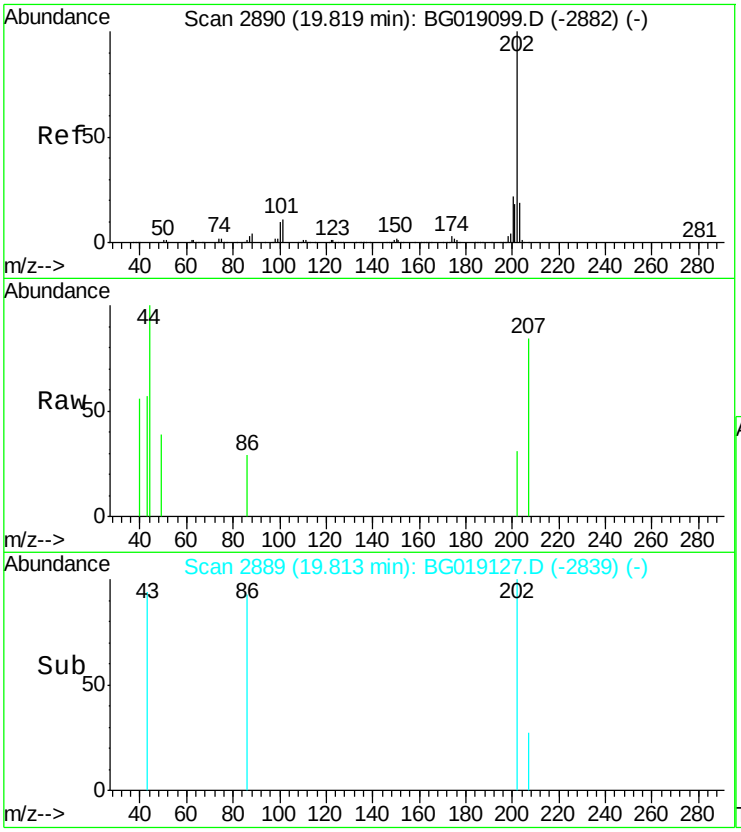


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:240 Resp: 162949

Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.8	8.6
236	24.3	21.2	31.8



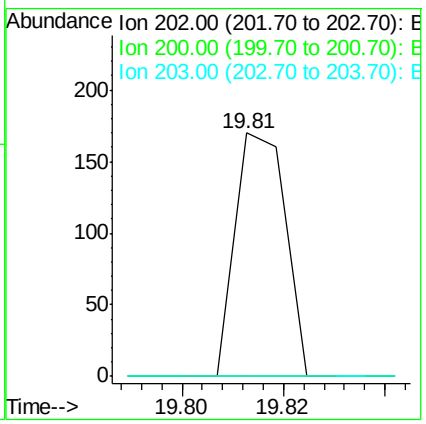


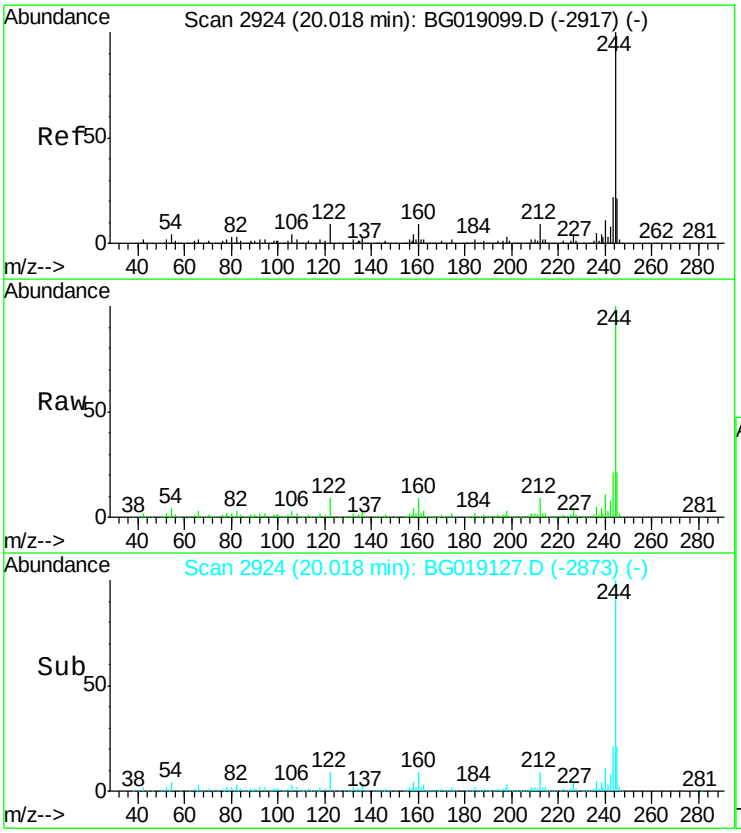
#77
Pyrene
Concen: 0.01 ng
RT: 19.81 min Scan# 2889
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 116

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.2#
203	0.0	14.8	22.2#

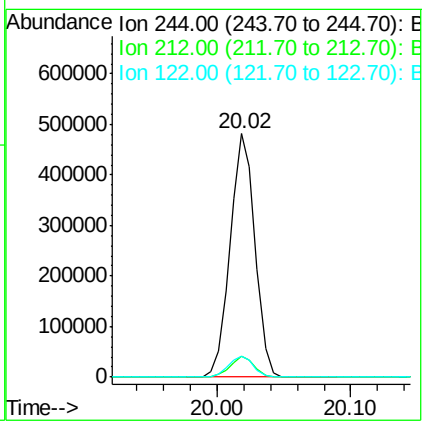


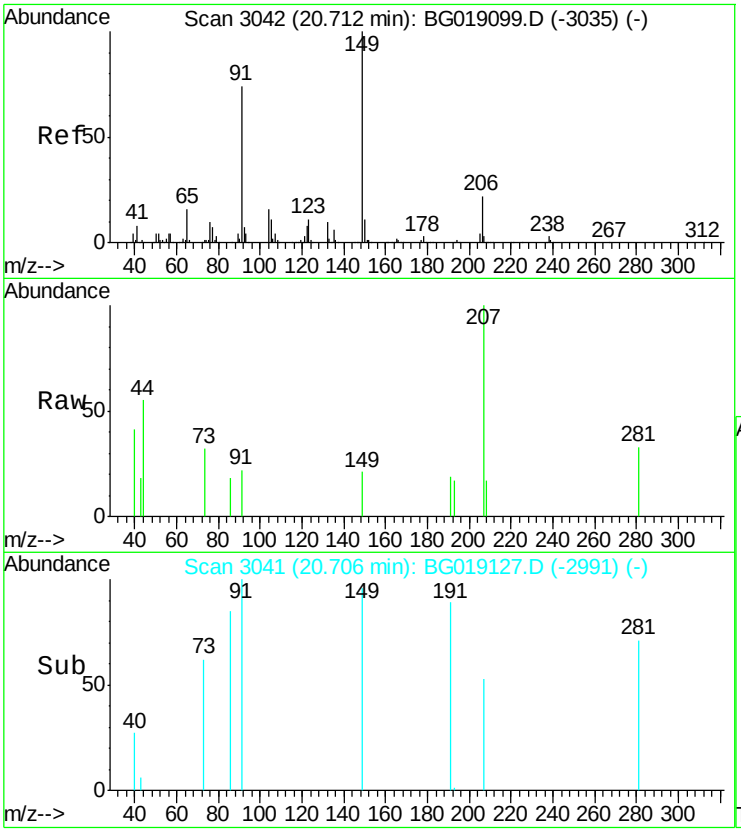


#78
Terphenyl-d14
Concen: 101.16 ng
RT: 20.02 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:244 Resp: 623997

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.8	10.2
122	8.8	7.4	11.2



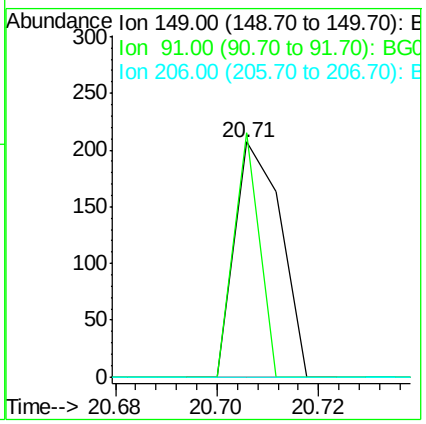


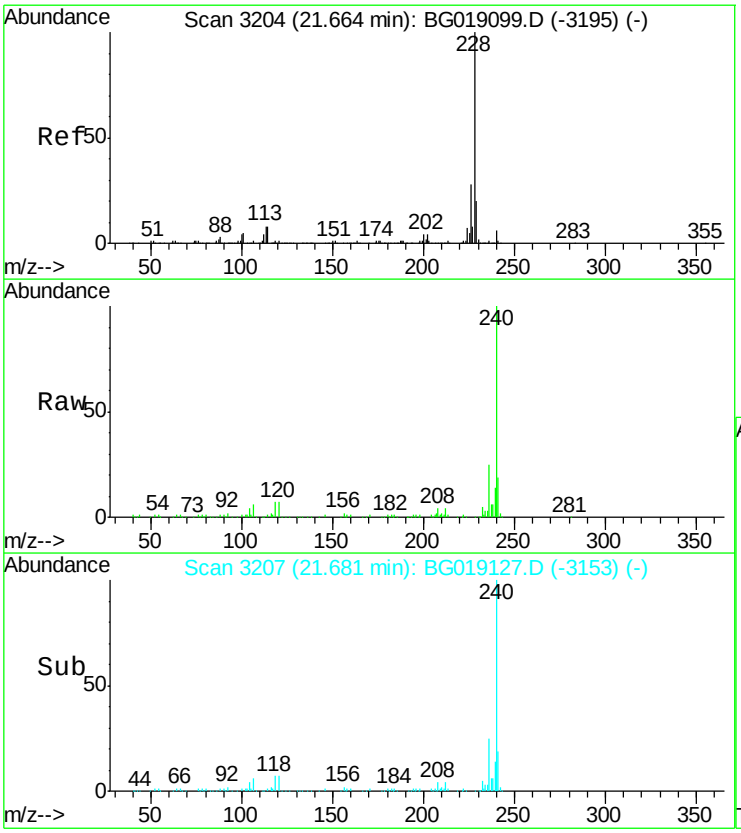
#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 130

Ion	Ratio	Lower	Upper
149	100		
91	103.9	59.2	88.8#
206	0.0	17.5	26.3#

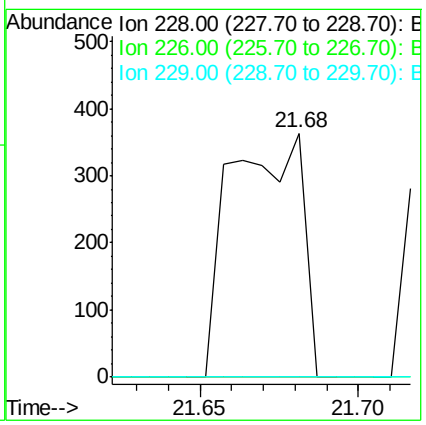


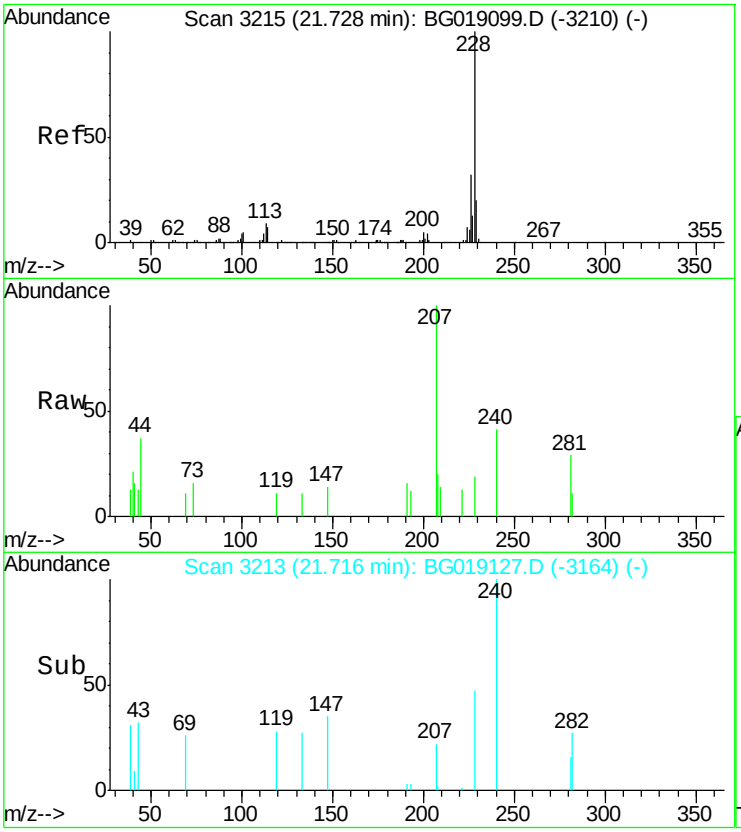


#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 21.68 min Scan# 3207
Delta R.T. 0.02 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:228 Resp: 568

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.4	33.6#
229	0.0	16.2	24.2#



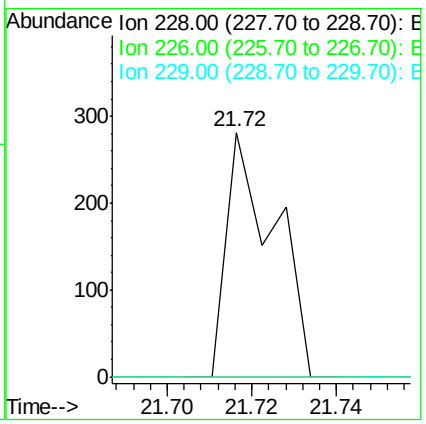


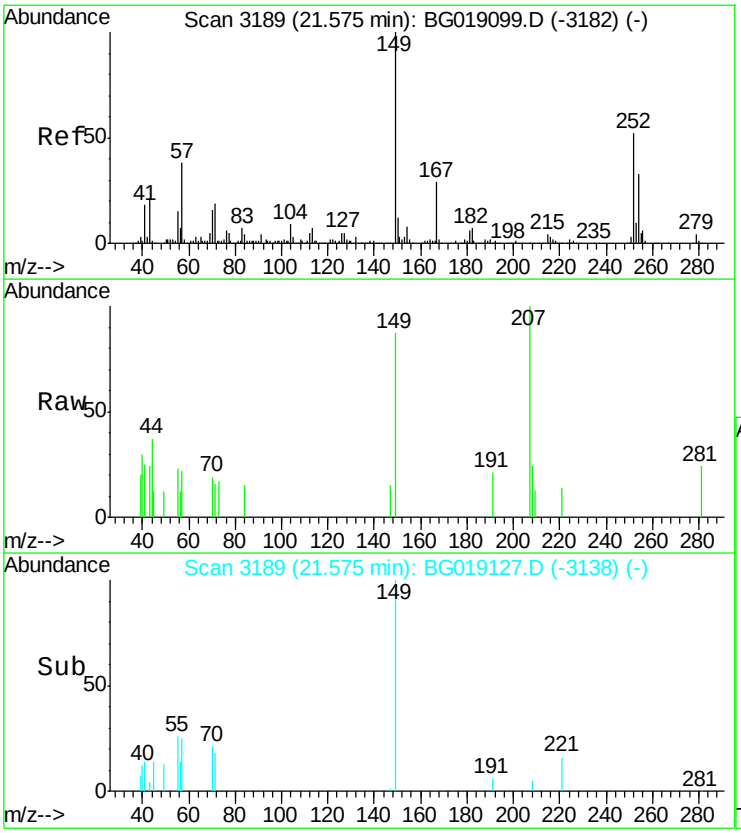
#82
Chrysene
Concen: 0.03 ng
RT: 21.72 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 221

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.2	37.8#
229	0.0	16.3	24.5#

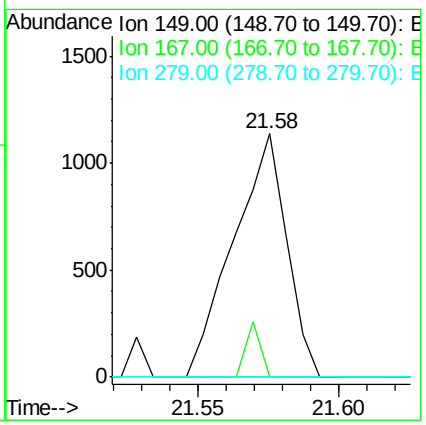


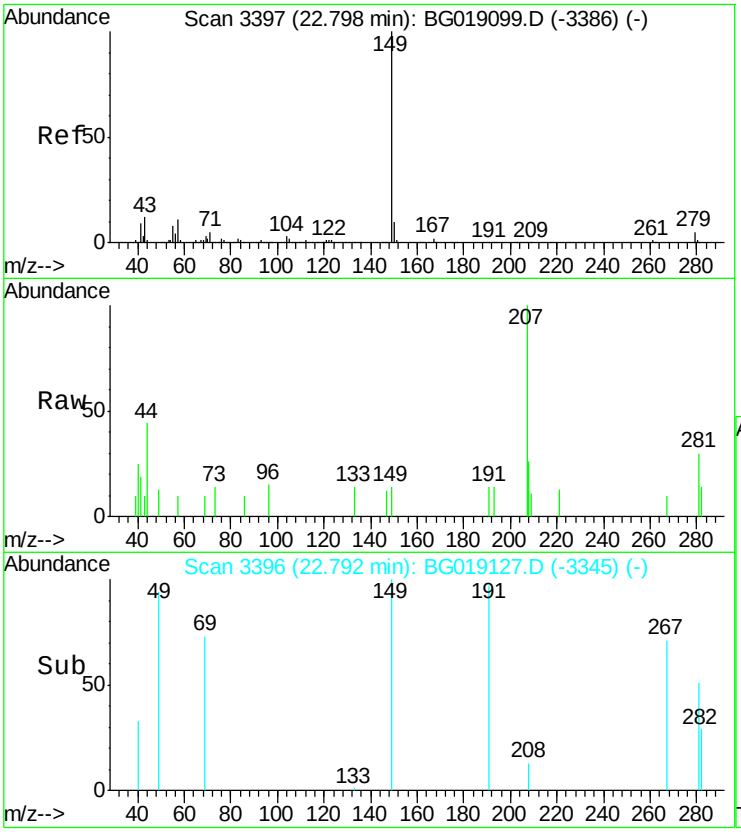


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.58 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:149 Resp: 1486

Ion	Ratio	Lower	Upper
149	100		
167	0.0	22.8	34.2#
279	0.0	3.6	5.4#



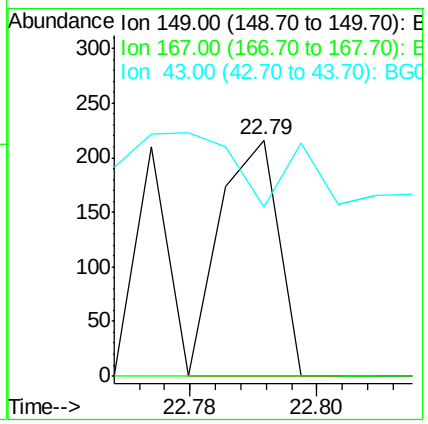


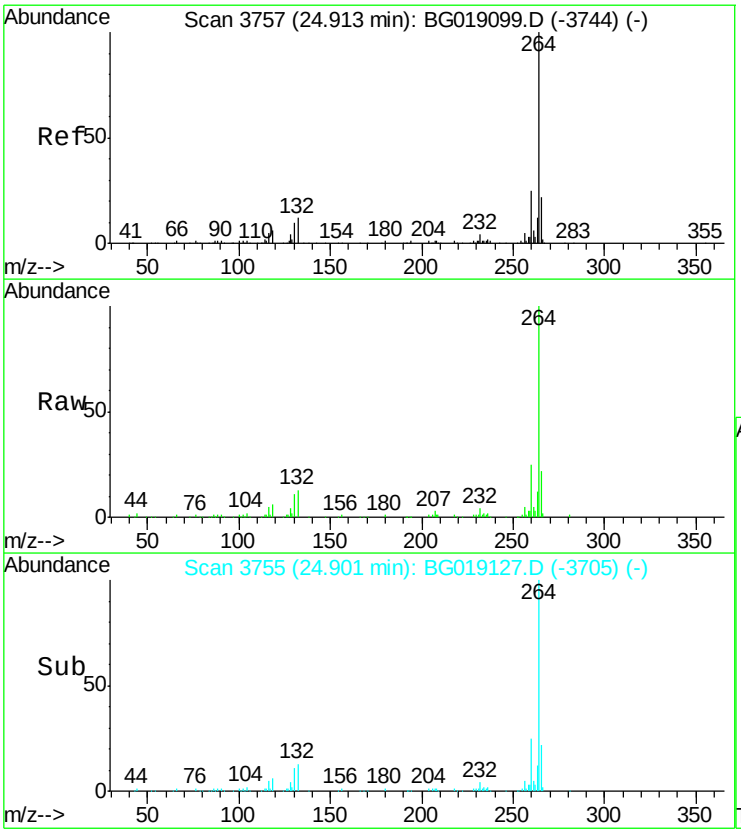
#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.79 min Scan# 3396
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 137

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	10.1	15.1#

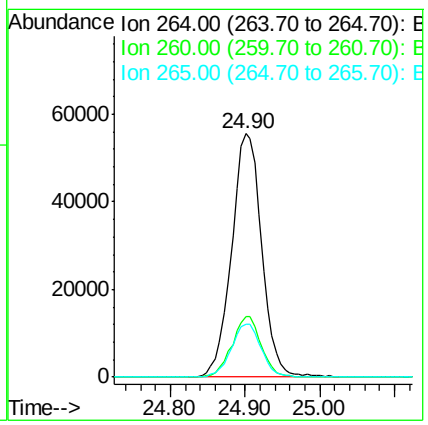


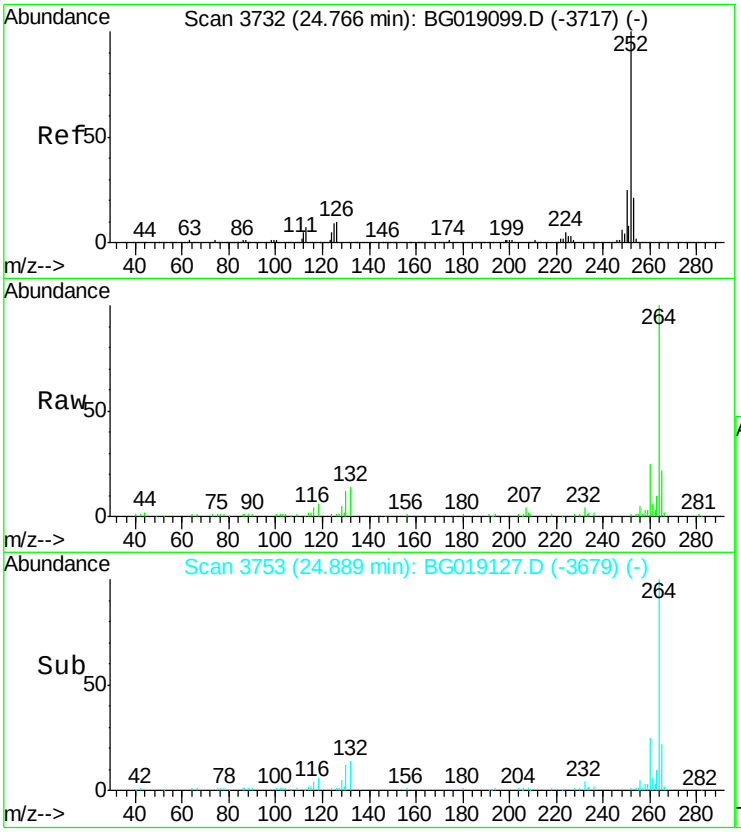


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.90 min Scan# 3755
Delta R.T. -0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:264 Resp: 155280

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.1	30.1
265	21.6	17.2	25.8



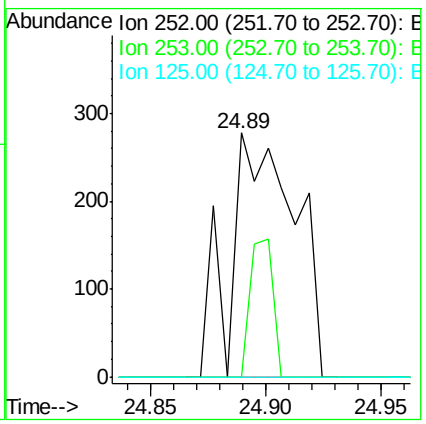


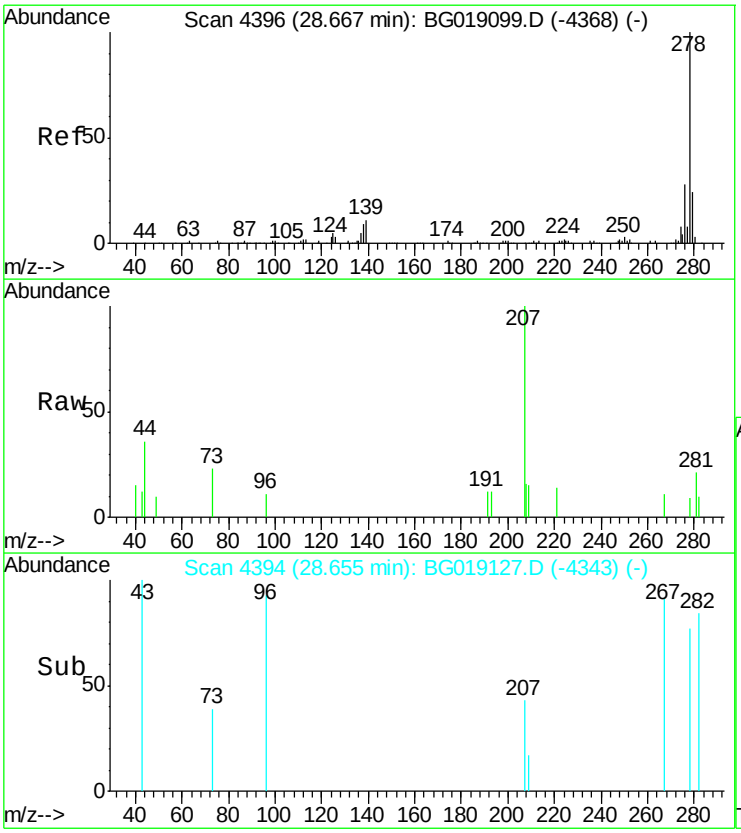
#89
Benzo(a)pyrene
Concen: 0.07 ng
RT: 24.89 min Scan# 3753
Delta R.T. 0.14 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 548

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.4#
125	0.0	7.2	10.8#





#90
Dibenzo(a,h)anthracene
Concen: 0.01 ng
RT: 28.66 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG019127.D
Acq: 10 Oct 2015 21:15

Tgt Ion:278 Resp: 54

Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.6	12.8#
279	0.0	19.5	29.3#