Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041170.D
Acq On : 10 Jun 2019 19:32
Operator : HP/JU
Sample : PB120476BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120476BL

Quant Time: Jun 11 03:50:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	2063	20.00 ng	0.00
21) Naphthalene-d8	0.00	136	0	0.00 ng	-10.93
39) Acenaphthene-d10	0.00	164	0	0.00 ng	-14.74
64) Phenanthrene-d10	0.00	188	0	0.00 ng	-17.48
76) Chrysene-d12	21.79	240	178	20.00 ng	0.03
87) Perylene-d12	25.15	264	63	20.00 ng	0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	354817	3101.36 ng	0.00
7) Phenol-d6	7.25	99	528105	2988.89 ng	0.00
23) Nitrobenzene-d5	9.29	82	369821	0.00 ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	275845	0.00 ng	0.00
45) 2-Fluorobiphenyl	13.36	172	893772	0.00 ng	0.00
79) Terphenyl-d14	20.07	244	1473325	175668.72 ng	0.00

Target Compounds	R.T.	QIon	Response	Conc Units		Qvalue
4) n-Nitrosodimethylamine	3.83	42	296	4.152 ng	#	1
9) Benzaldehyde	7.26	77	1306	12.391 ng	#	1
10) Phenol	7.64	94	958	5.057 ng	#	1
11) bis(2-Chloroethyl)ether	7.63	93	645	4.693 ng	#	1
15) Benzyl Alcohol	8.43	79	6451	39.469 ng	#	72
19) n-Nitroso-di-n-propylamine	9.29	70	51956	382.107 ng	#	73
77) Benzidine	20.07	184	24807	5842.101 ng	#	90
78) Pyrene	20.08	202	5403	466.936 ng	#	74
80) Butylbenzylphthalate	20.77	149	397	88.163 ng	#	24
81) Benzo(a)anthracene	21.76	228	55	4.642 ng	#	49
82) 3,3'-Dichlorobenzidine	21.68	252	57	13.677 ng	#	24
83) Chrysene	21.83	228	69	6.085 ng	#	49
84) Bis(2-ethylhexyl)phthalate	21.67	149	184	29.027 ng	#	23
85) Di-n-octyl phthalate	22.85	149	4451	421.608 ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.94	276	187	13.463 ng	#	42
88) Benzo(b)fluoranthene	24.09	252	204	53.387 ng	#	59
89) Benzo(k)fluoranthene	24.14	252	69	18.248 ng	#	60
90) Benzo(a)pyrene	24.99	252	73	20.024 ng	#	57
91) Dibenzo(a,h)anthracene	28.96	278	136	37.334 ng	#	58
92) Benzo(g,h,i)perylene	30.19	276	262	74.031 ng	#	57

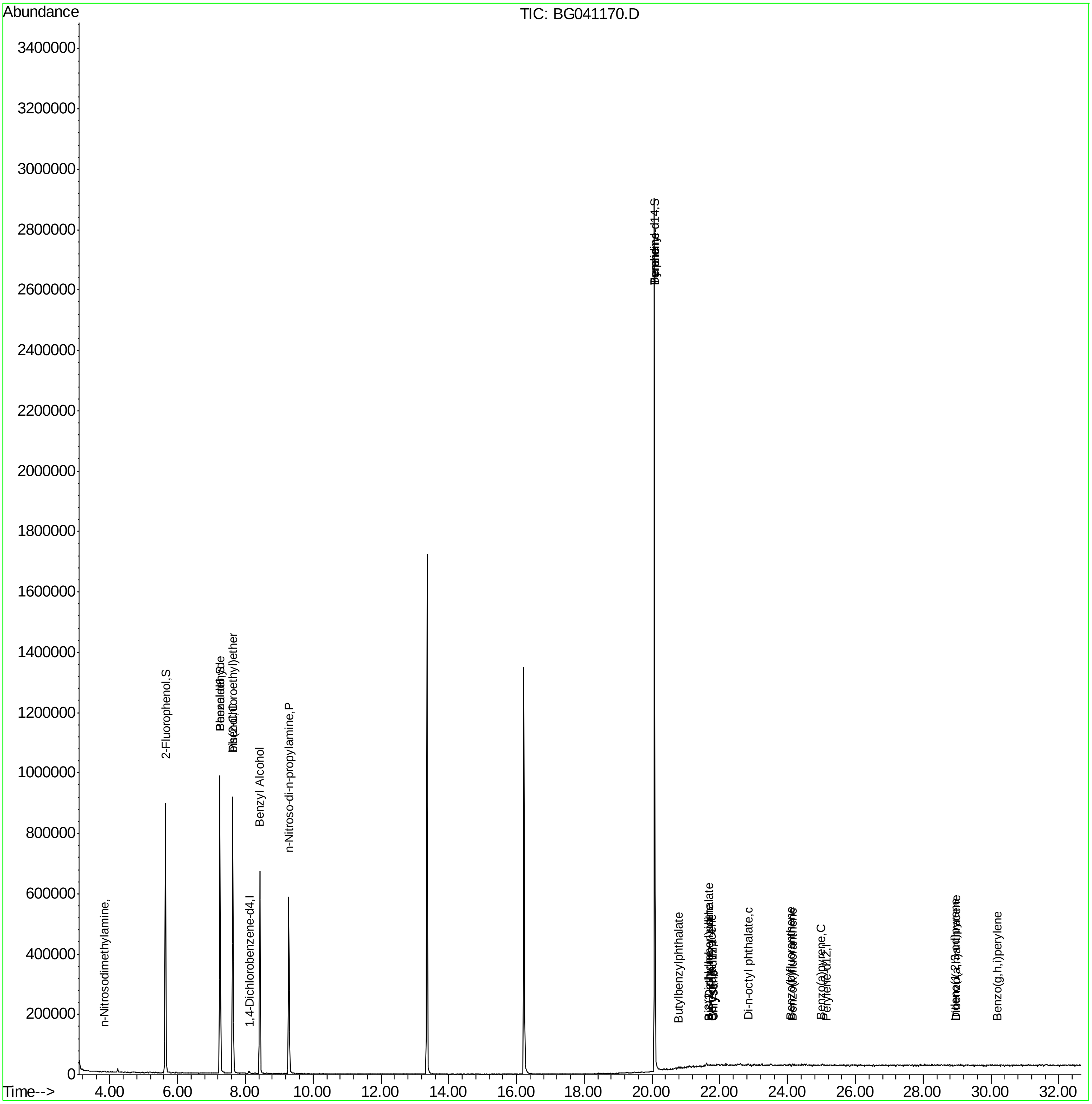
(#) = qualifier out of range (m) = manual integration (+) = signals summed

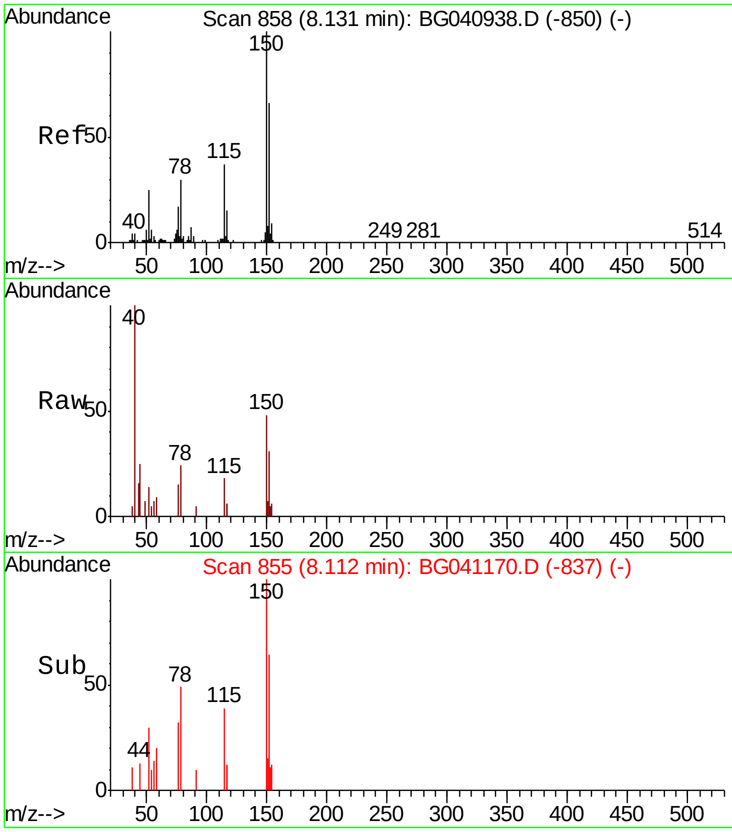
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061019\
Data File : BG041170.D
Acq On : 10 Jun 2019 19:32
Operator : HP/JU
Sample : PB120476BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Quant Time: Jun 11 03:50:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration



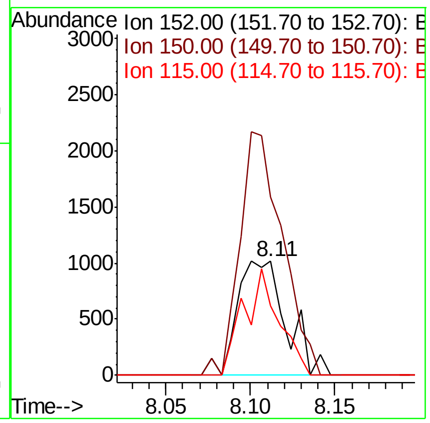


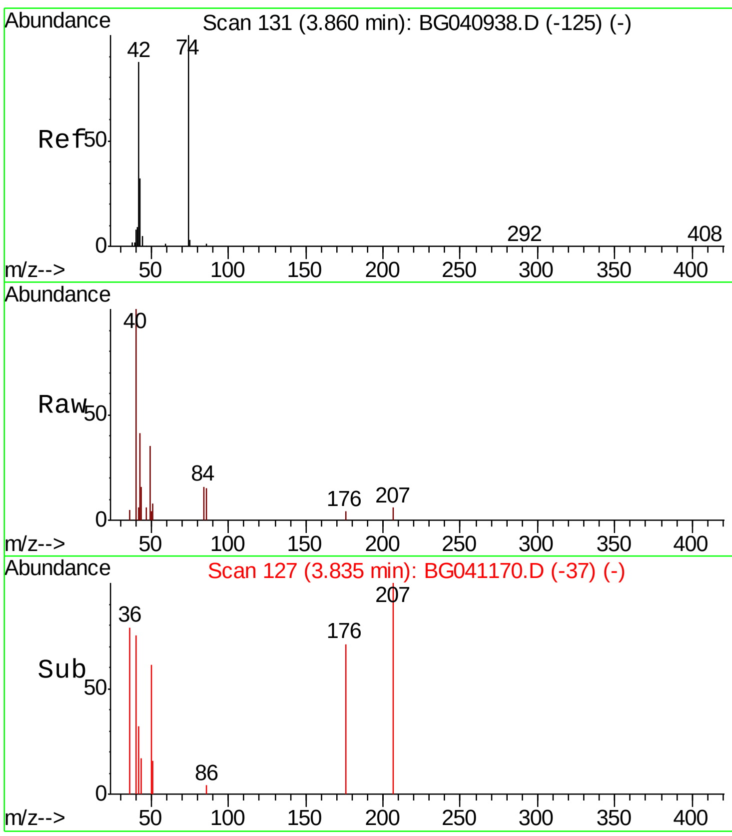
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T.   0.01 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:152 Resp: 2063

Ion	Ratio	Lower	Upper
152	100		
150	133.8	120.6	180.8
115	51.9	45.1	67.7

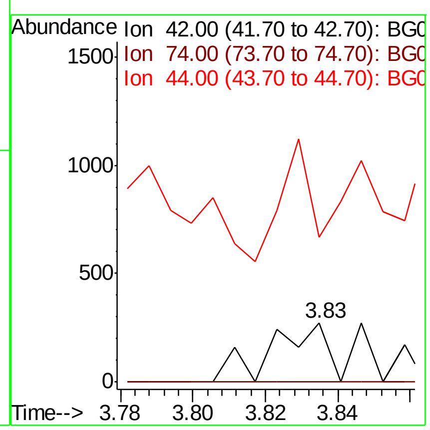


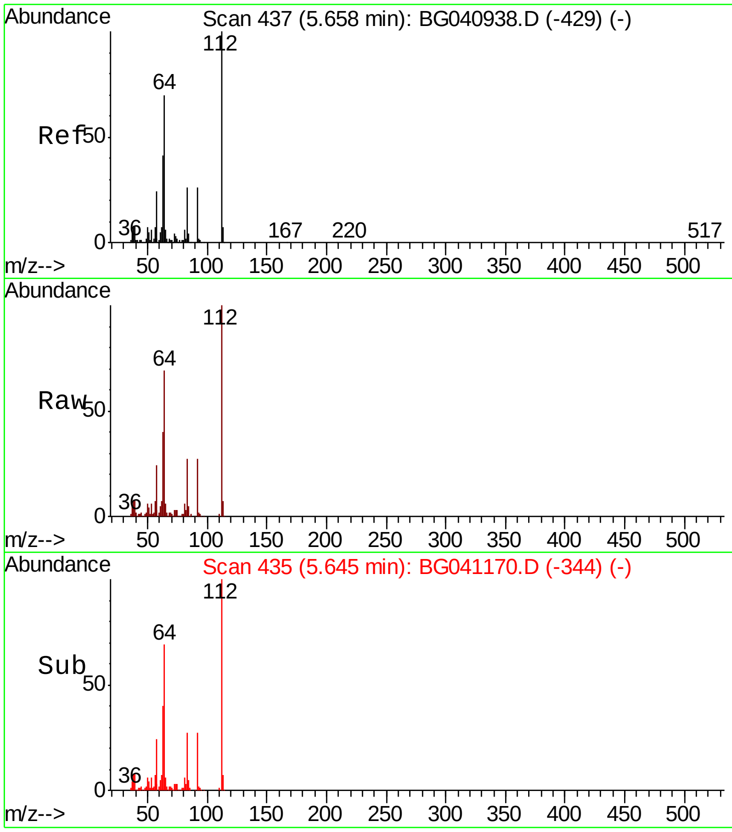


#4
n-Nitrosodimethylamine
Concen: 4.152 ng
RT: 3.83 min Scan# 127
Delta R.T.   0.00 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion: 42 Resp: 296

Ion	Ratio	Lower	Upper
42	100		
74	0.0	91.8	137.6#
44	245.2	6.0	9.0#

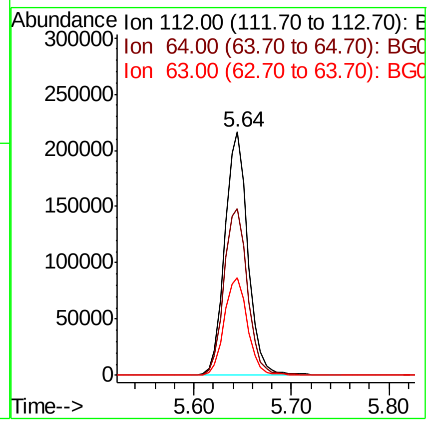


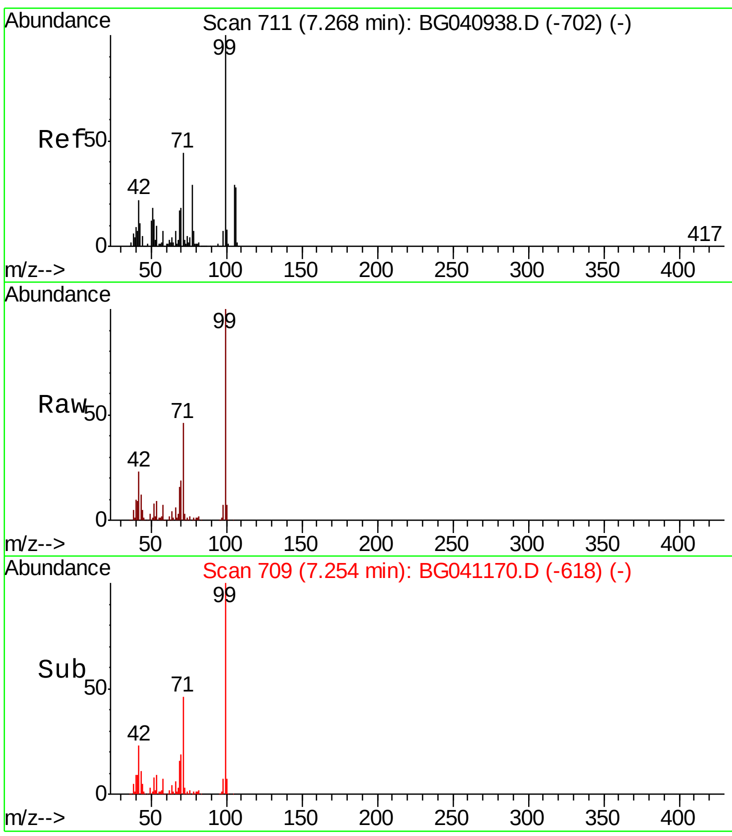


#5
2-Fluorophenol
Concen: 3101.357 ng
RT: 5.64 min   Scan# 435
Delta R.T.   0.01 min
Lab File: BG041170.D
Acq: 10 Jun 2019   19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

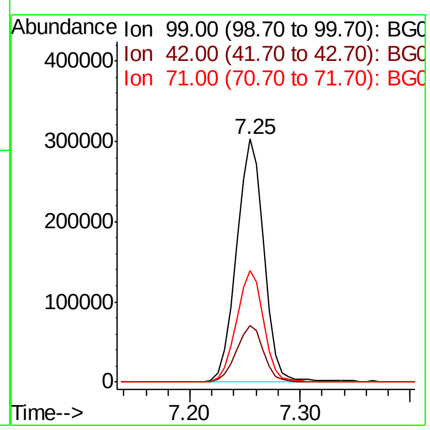
Tgt	Ion:112	Resp:	354817
Ion	Ratio	Lower	Upper
112	100		
64	68.8	56.2	84.2
63	39.9	32.8	49.2

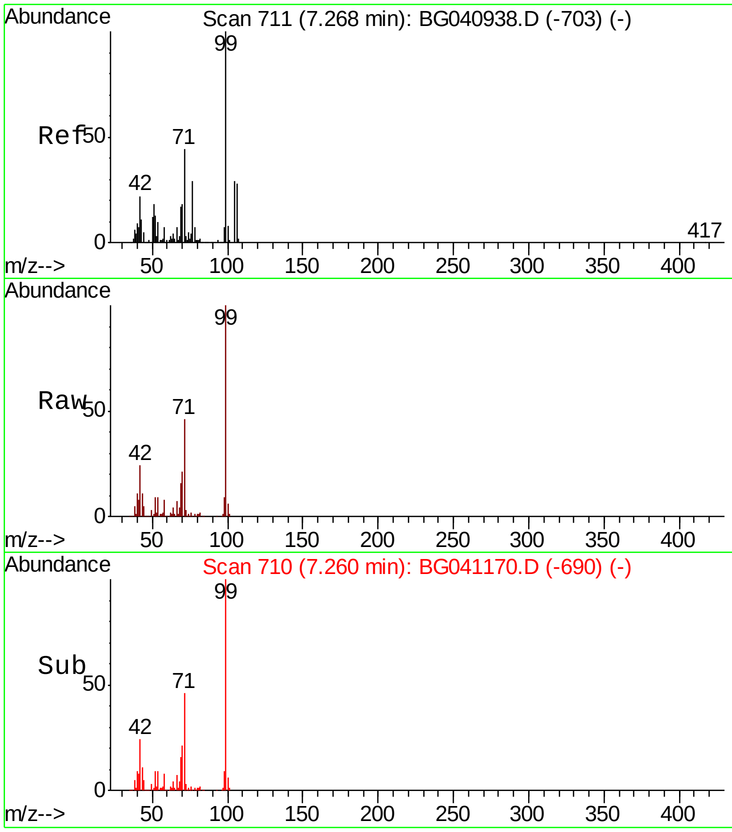




#7
Phenol-d6
Concen: 2988.885 ng
RT: 7.25 min   Scan# 709
Delta R.T.   0.01 min
Lab File: BG041170.D
Acq: 10 Jun 2019   19:32

Tgt	Ion: 99	Resp:	528105
Ion	Ratio	Lower	Upper
99	100		
42	23.2	17.9	26.9
71	45.8	35.4	53.0



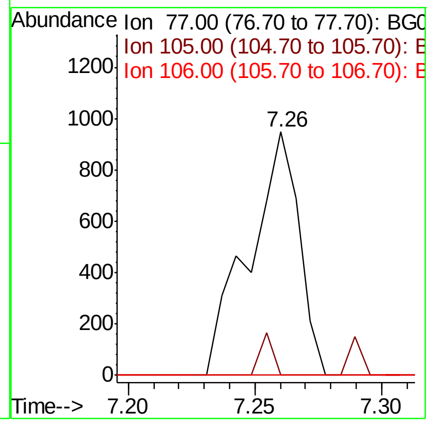


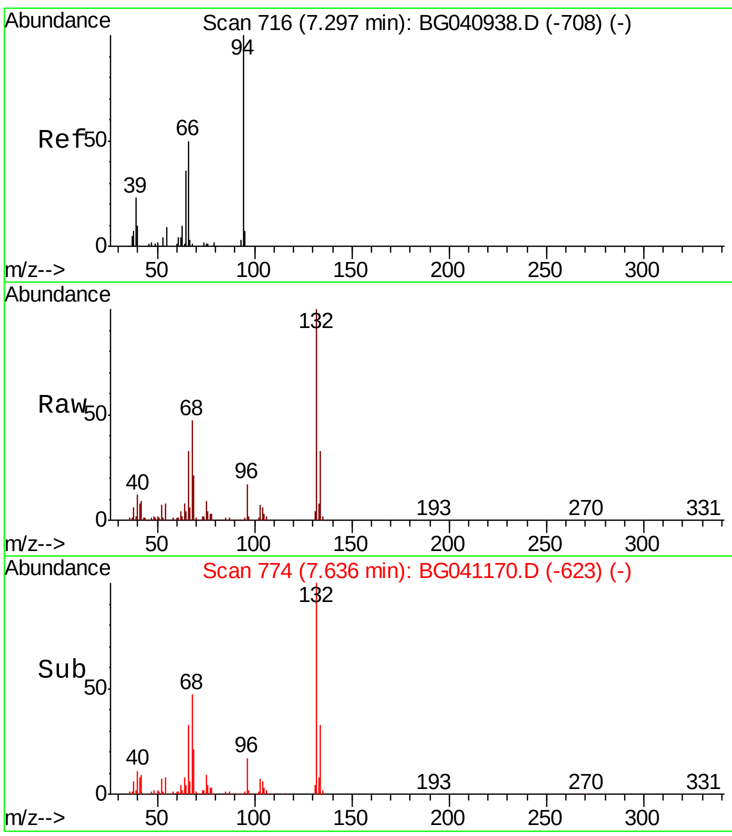
#9
Benzaldehyde
Concen: 12.391 ng
RT: 7.26 min Scan# 710
Delta R.T. 0.02 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion: 77 Resp: 1306

Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.9	118.9#
106	0.0	76.7	116.7#

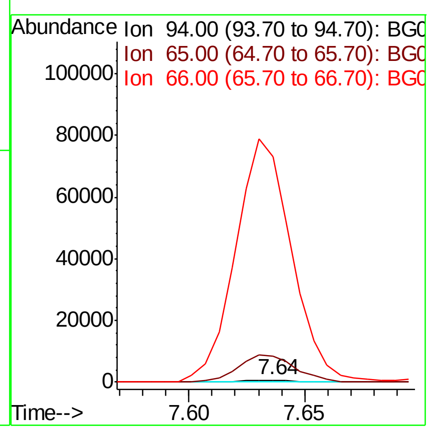


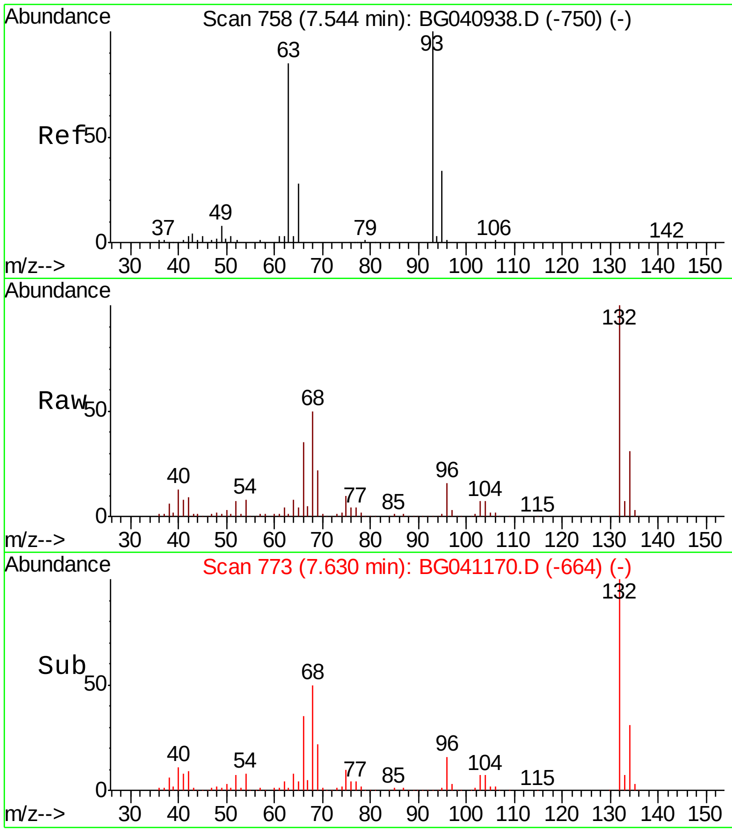


#10
Phenol
Concen: 5.057 ng
RT: 7.64 min Scan# 774
Delta R.T. 0.36 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion: 94 Resp: 958

Ion	Ratio	Lower	Upper
94	100		
65	1257.6	17.0	57.0#
66	10823.1	32.4	72.4#



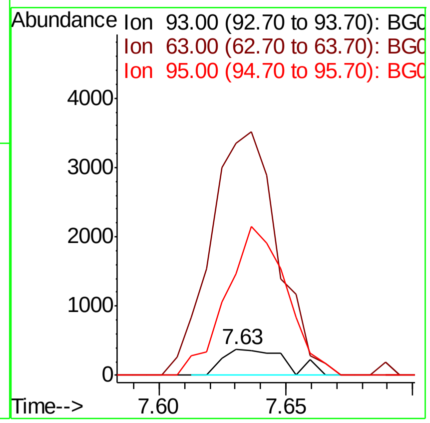


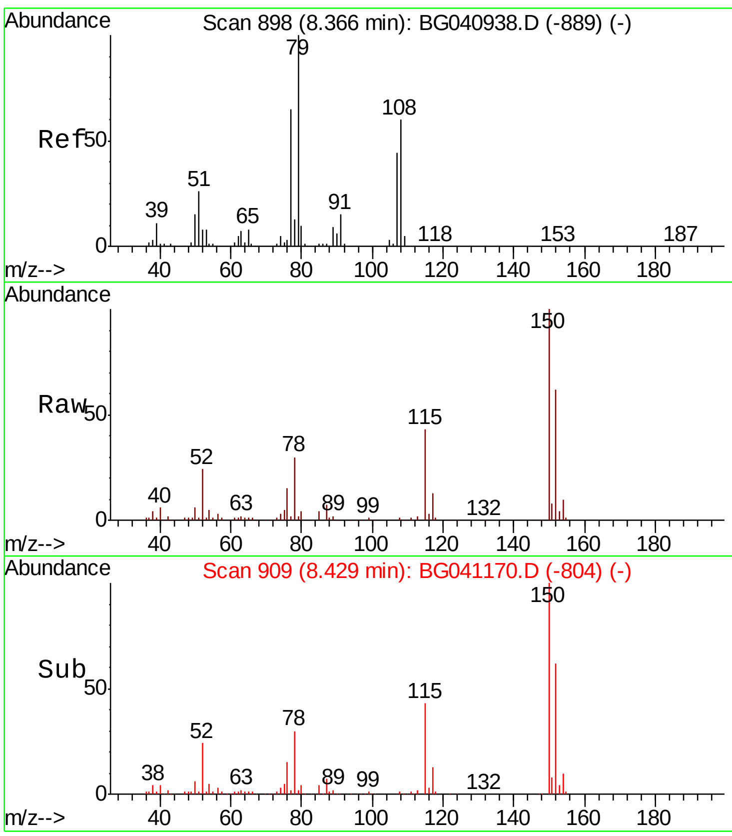
#11
bis(2-Chloroethyl)ether
Concen: 4.693 ng
RT: 7.63 min Scan# 773
Delta R.T. 0.11 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion: 93 Resp: 645

Ion	Ratio	Lower	Upper
93	100		
63	907.3	64.5	104.5#
95	398.9	13.3	53.3#

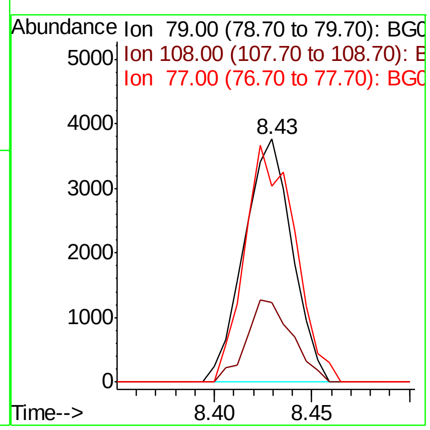


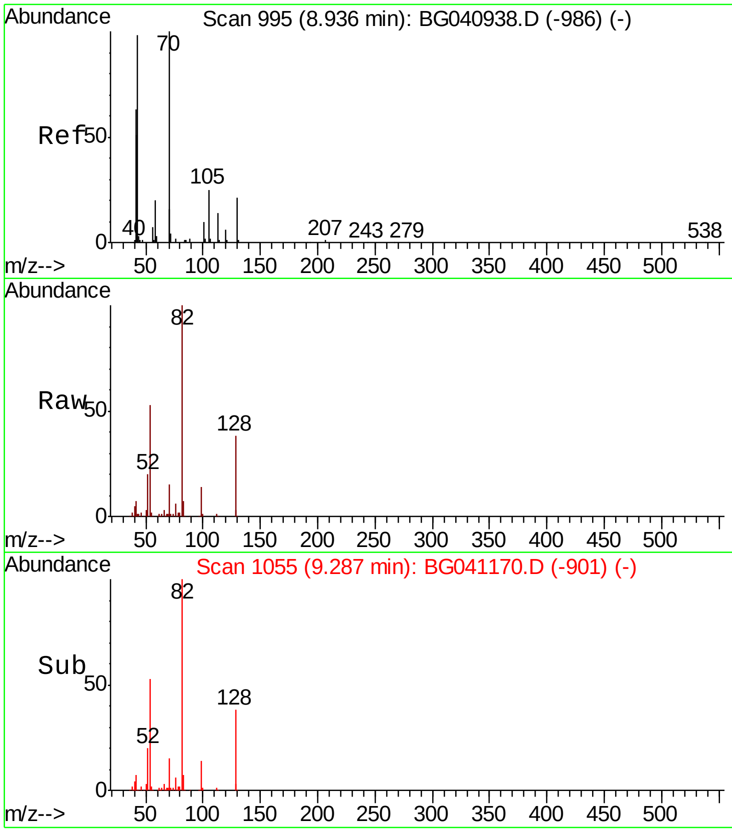


#15
Benzyl Alcohol
Concen: 39.469 ng
RT: 8.43 min Scan# 909
Delta R.T. 0.09 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion: 79 Resp: 6451

Ion	Ratio	Lower	Upper
79	100		
108	32.5	48.3	72.5#
77	80.6	52.3	78.5#



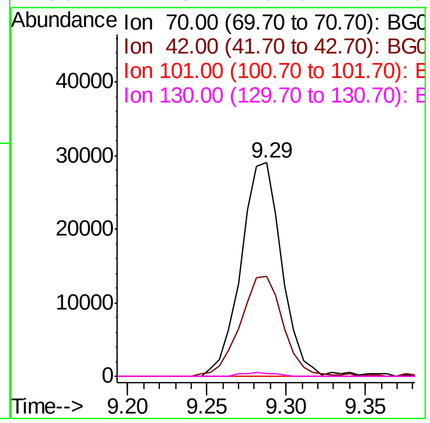


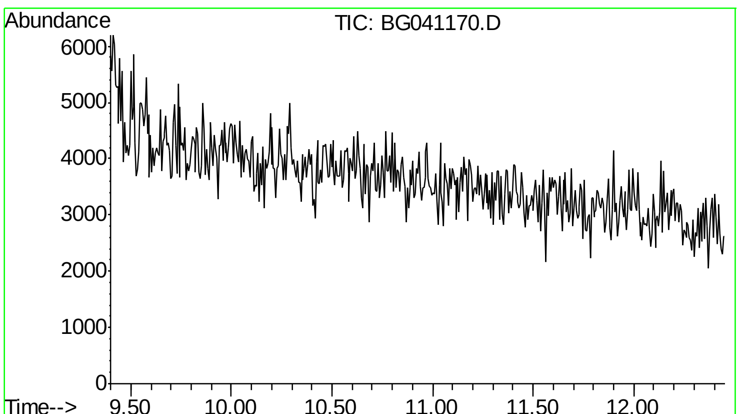
#19
n-Nitroso-di-n-propylamine
Concen: 382.107 ng
RT: 9.29 min Scan# 1055
Delta R.T.   0.38 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

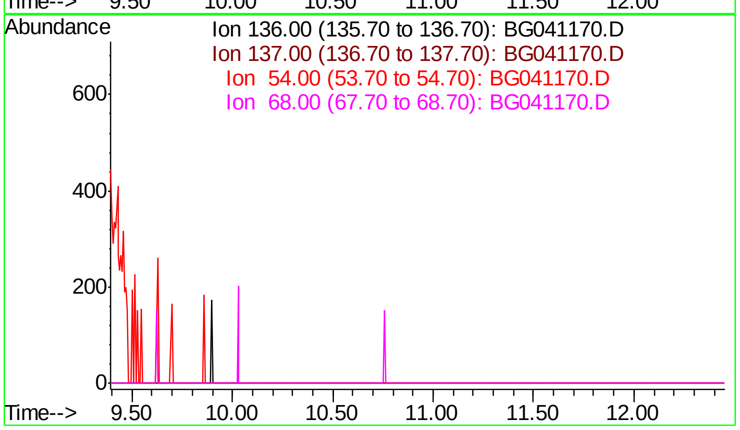
Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion: 70 Resp: 51956

Ion	Ratio	Lower	Upper
70	100		
42	47.0	51.5	77.3#
101	0.0	8.1	12.1#
130	1.3	16.6	24.8#





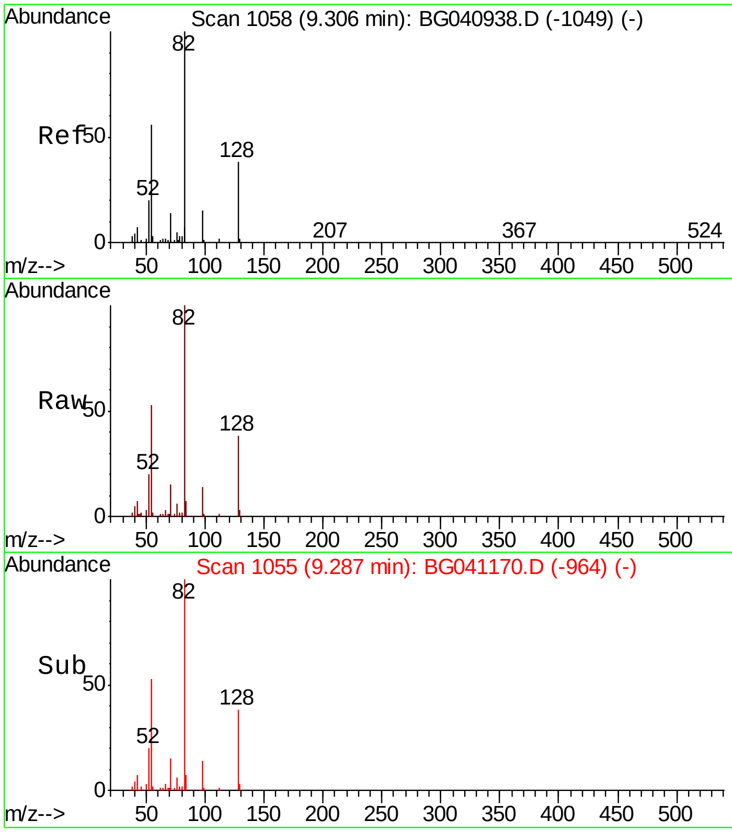


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 10.93 min

Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	11.9
54	9.5
68	4.9

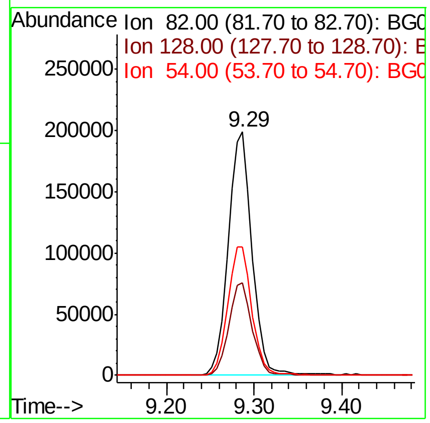


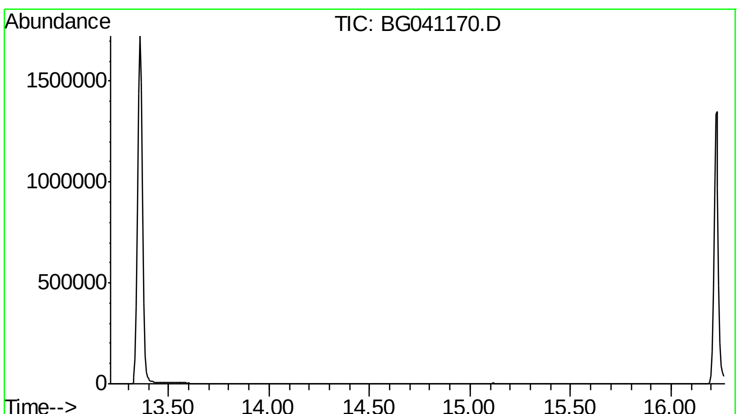
#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 9.29 min Scan# 1055
Delta R.T. 0.01 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion: 82 Resp: 369821

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.5	45.7
54	52.8	44.6	66.8



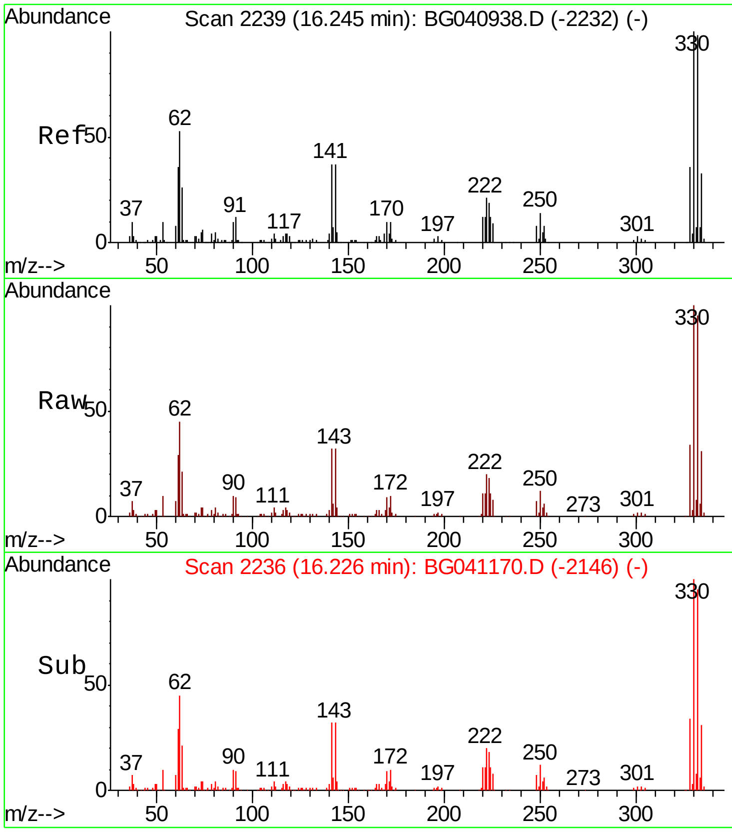


#39
Acenaphthene-d10
Concen: 0.000 ng
Expected RT: 14.74 min

Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	103.7
160	44.5

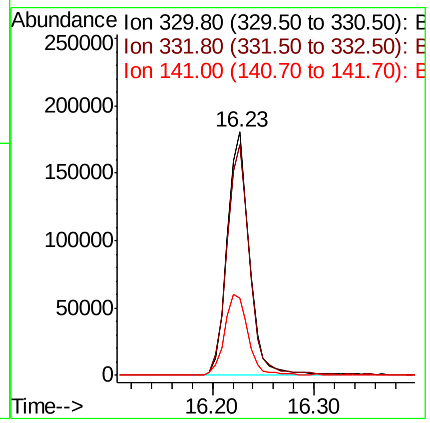


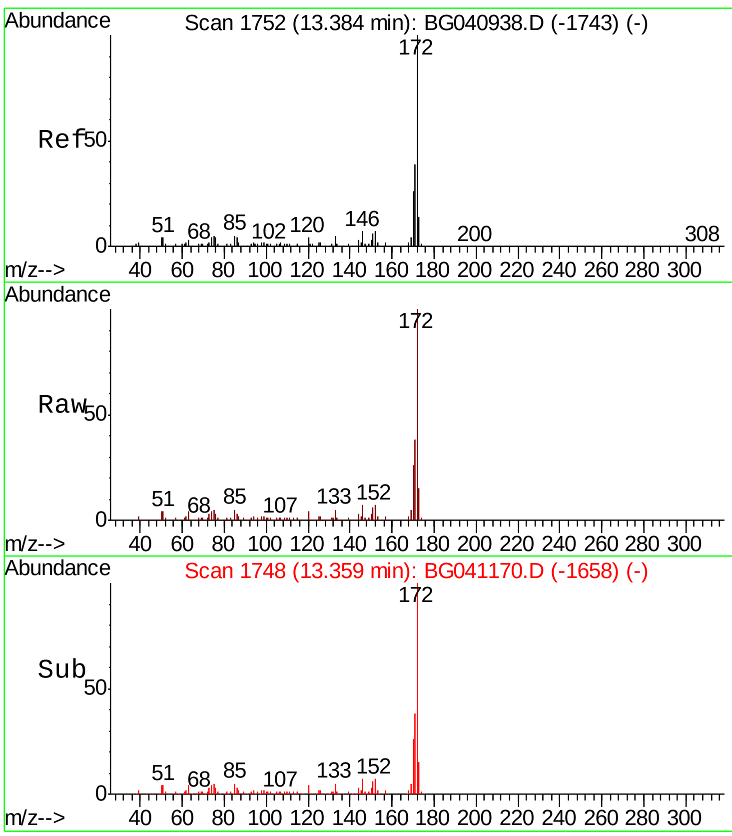
#42
2,4,6-Tribromophenol
Concen: 0.000 ng
RT: 16.23 min   Scan# 2236
Delta R.T.   0.00 min
Lab File: BG041170.D
Acq: 10 Jun 2019   19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:330 Resp: 275845

Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.0	28.7	43.1

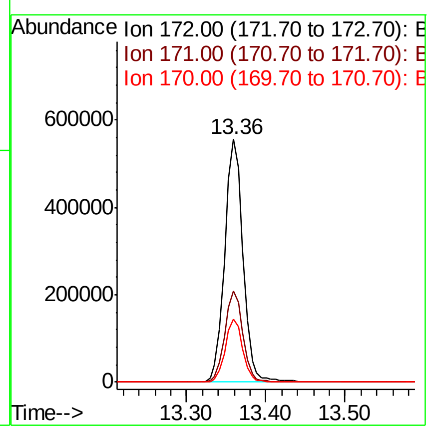


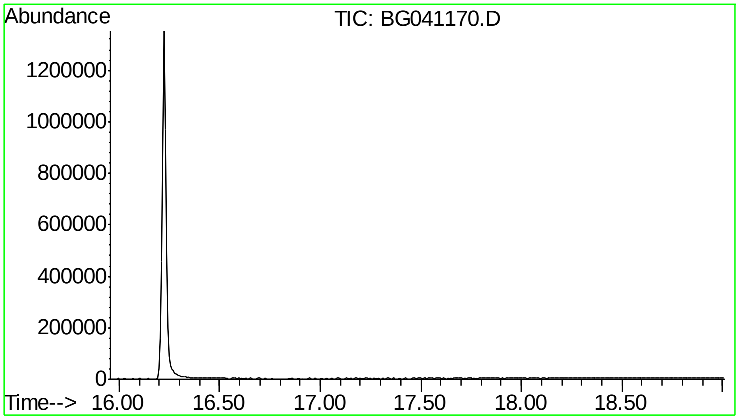


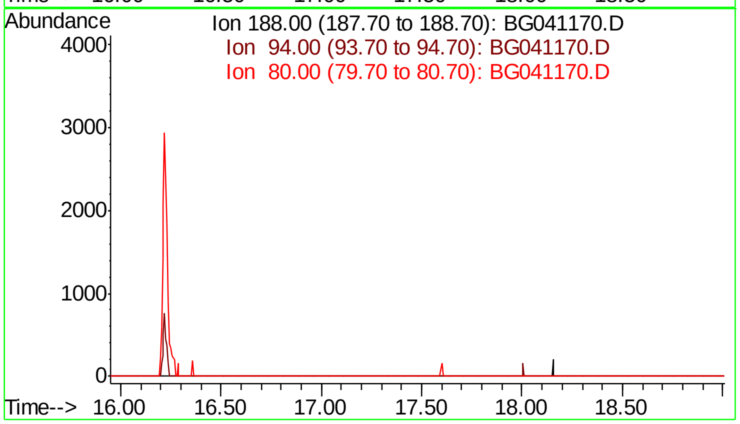
#45
2-Fluorobiphenyl
Concen: 0.000 ng
RT: 13.36 min   Scan# 1748
Delta R.T.   0.00 min
Lab File: BG041170.D
Acq: 10 Jun 2019   19:32

Tgt Ion:172 Resp: 893772

Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.1	46.7
170	25.8	20.5	30.7







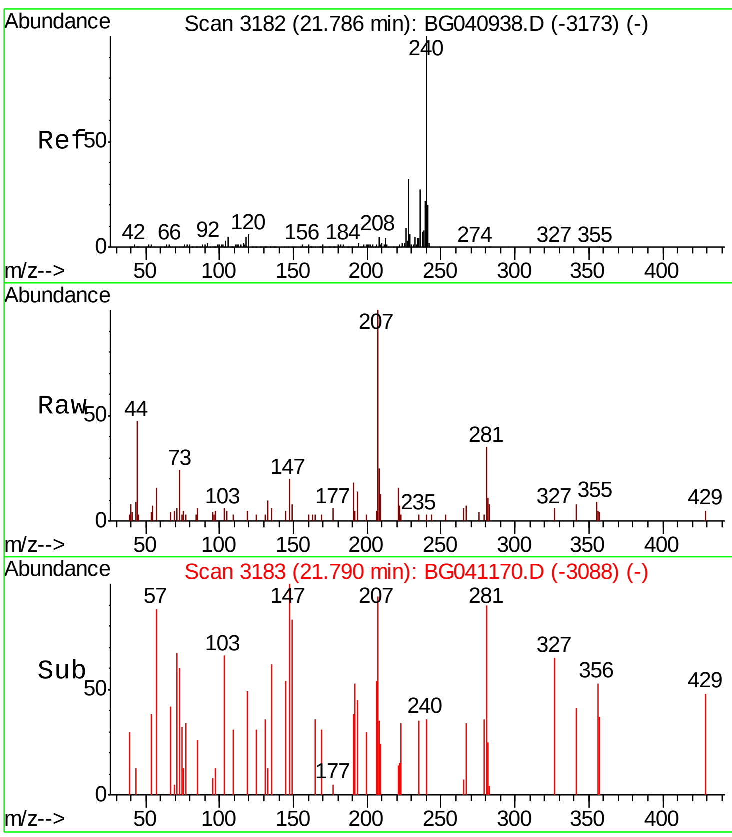
#64
Phenanthrene-d10
Concen: 0.000 ng
Expected RT: 17.48 min

Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion: 188

Sig	Exp Ratio
188	100
94	5.9
80	7.3

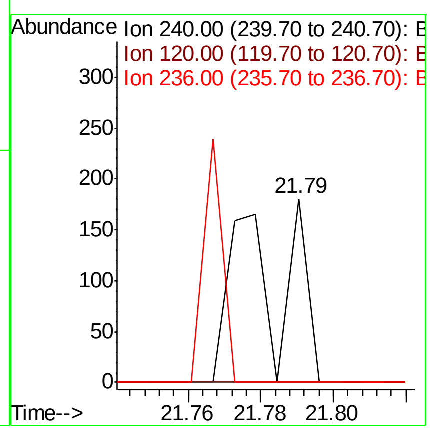
Instrument :
BNA_G
ClientSampleId :
PB120476BL

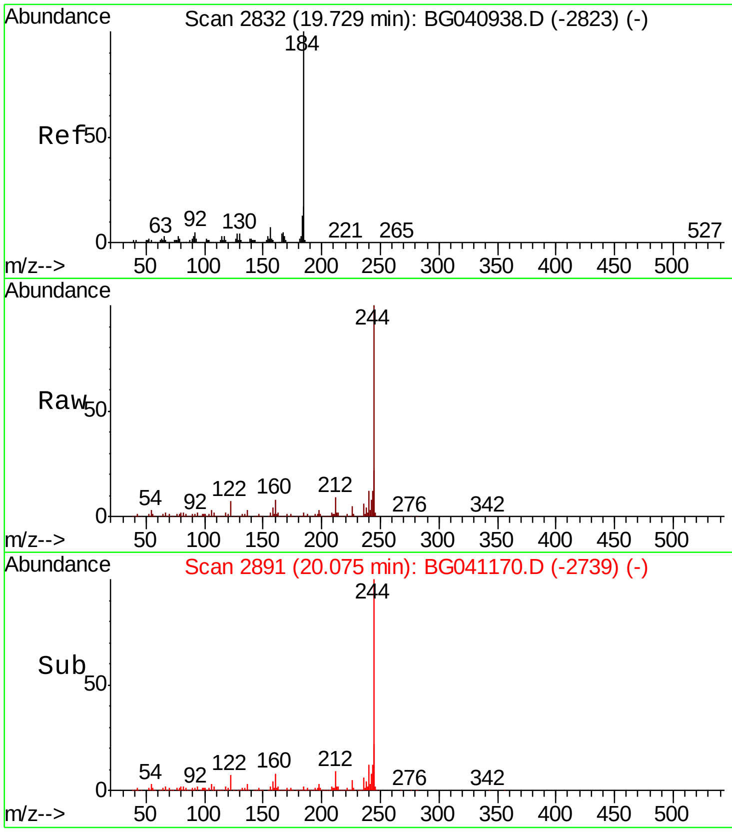


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3183
Delta R.T. 0.03 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:240 Resp: 178

Ion	Ratio	Lower	Upper
240	100		
120	0.0	4.5	6.7#
236	0.0	21.3	31.9#



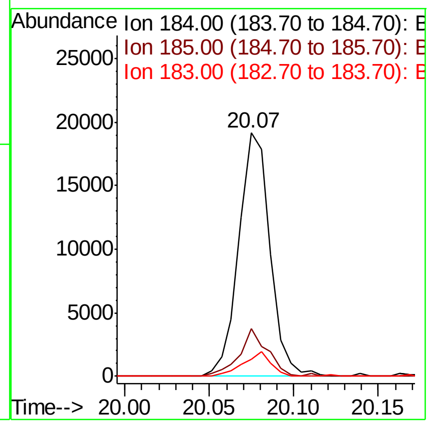


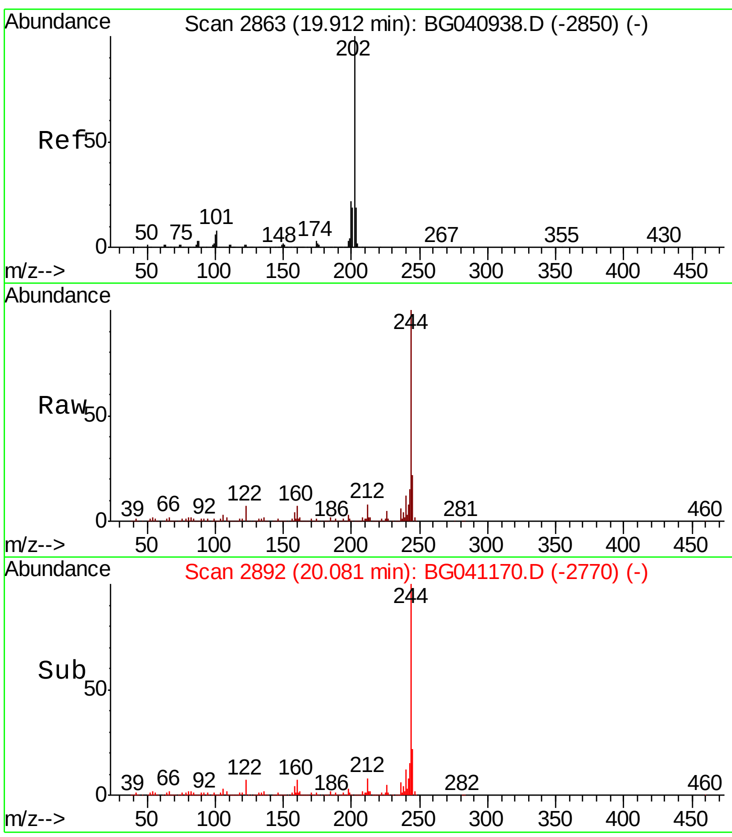
#77
Benzidine
Concen: 5842.101 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.37 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:184 Resp: 24807

Ion	Ratio	Lower	Upper
184	100		
185	19.4	13.3	19.9
183	7.2	10.7	16.1#

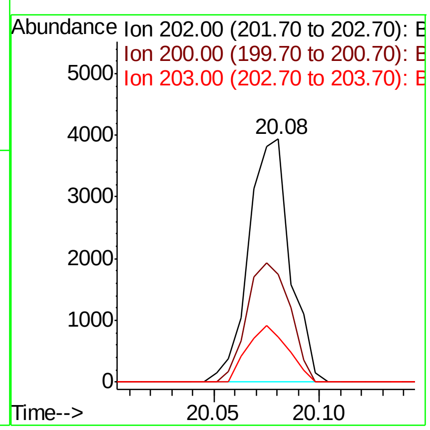


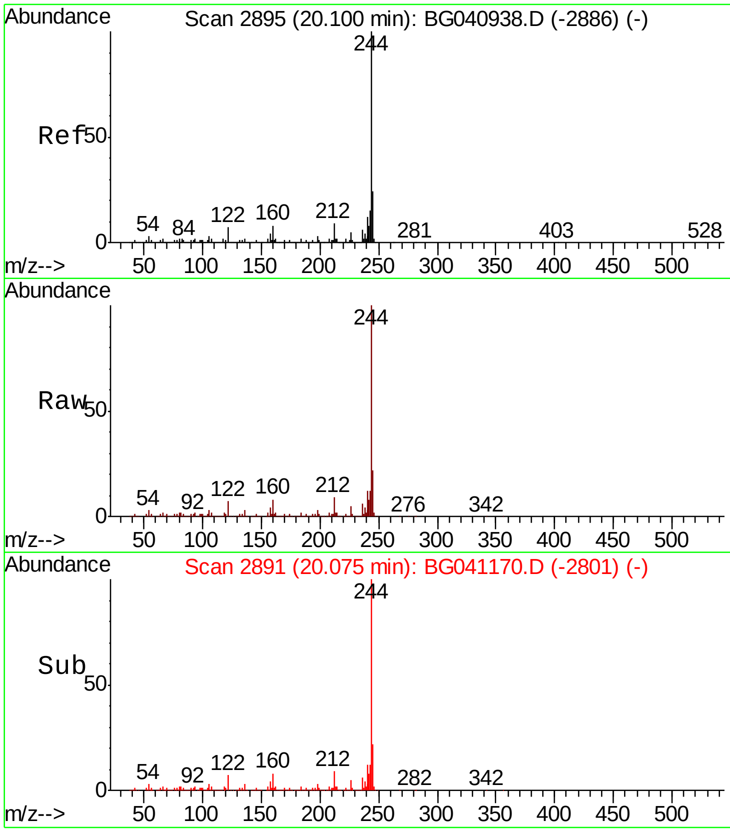


#78
Pyrene
Concen: 466.936 ng
RT: 20.08 min Scan# 2892
Delta R.T. 0.19 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:202 Resp: 5403

Ion	Ratio	Lower	Upper
202	100		
200	44.5	17.5	26.3#
203	18.8	15.6	23.4



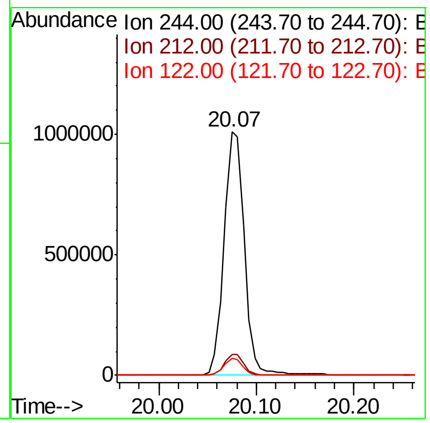


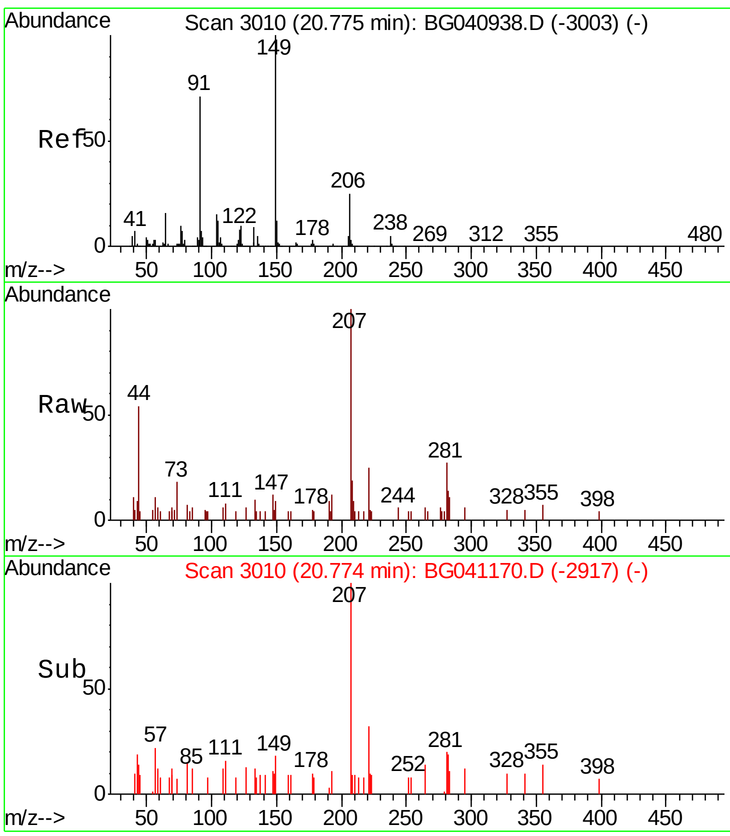
#79
Terphenyl-d14
Concen: 175668.723 ng
RT: 20.07 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:244 Resp: 1473325

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	7.0	5.4	8.0

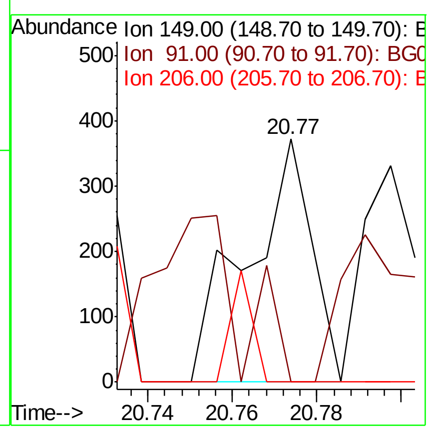


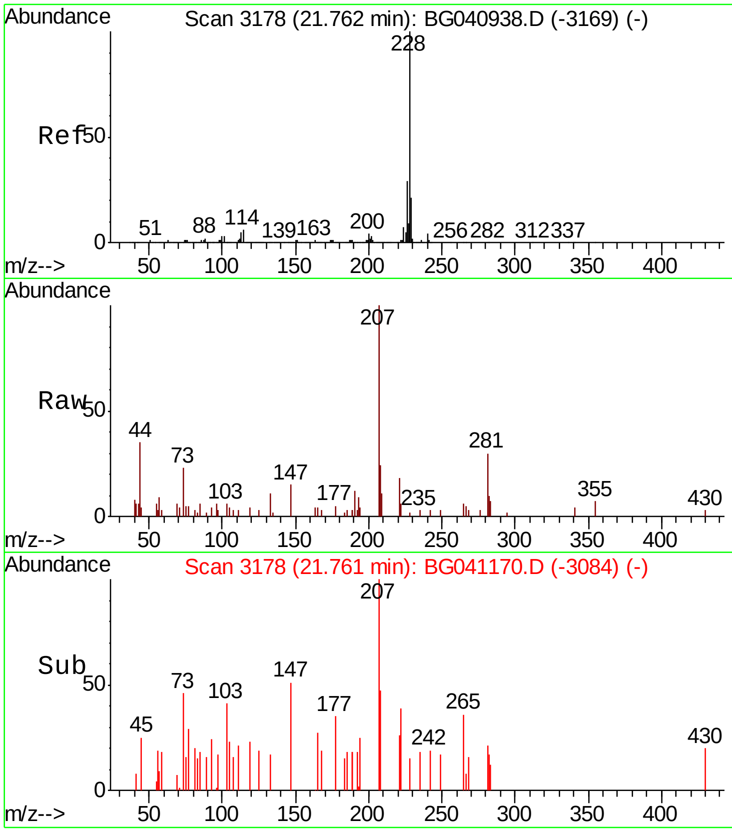


#80
Butylbenzylphthalate
Concen: 88.163 ng
RT: 20.77 min Scan# 3010
Delta R.T. 0.02 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:149 Resp: 397

Ion	Ratio	Lower	Upper
149	100		
91	0.0	56.5	84.7#
206	0.0	20.3	30.5#



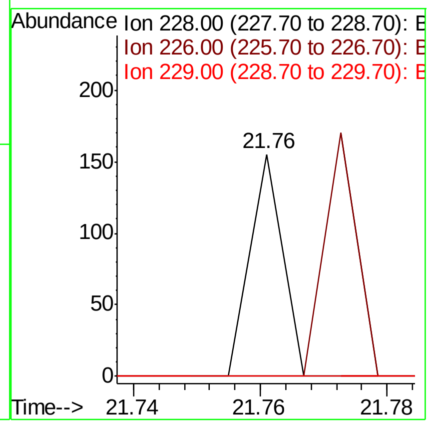


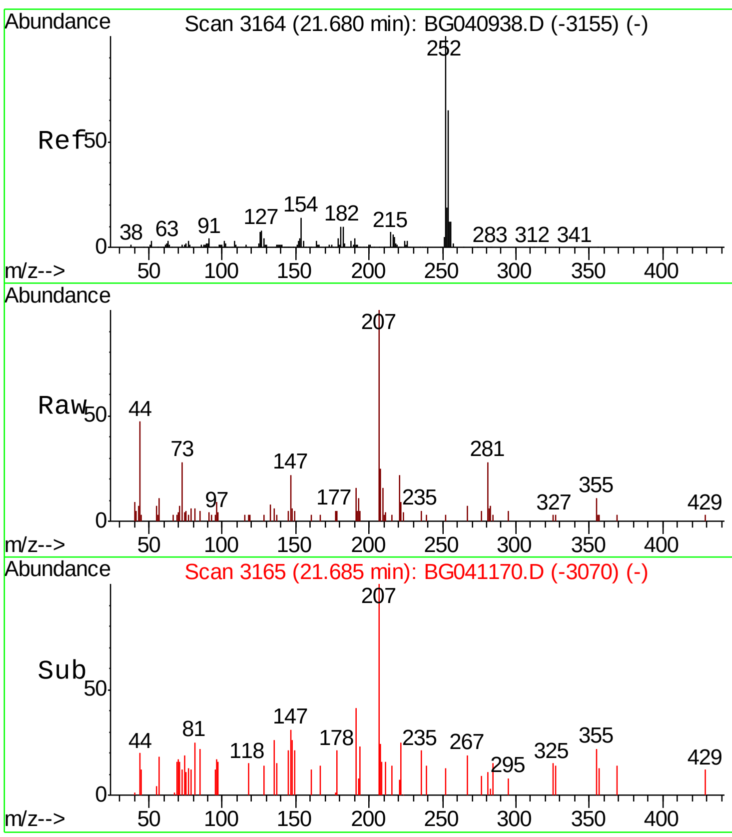
#81
Benzo(a)anthracene
Concen: 4.642 ng
RT: 21.76 min Scan# 3178
Delta R.T. 0.02 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:228 Resp: 55

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.5	35.3#
229	0.0	16.7	25.1#

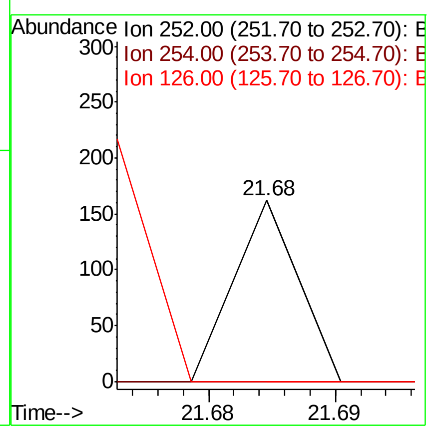


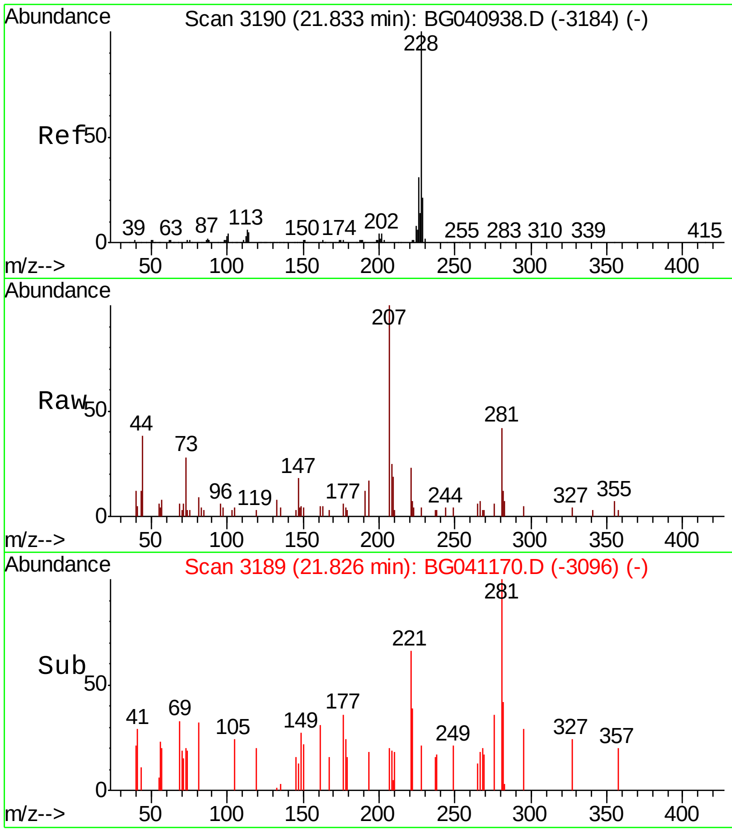


#82
3,3'-Dichlorobenzidine
Concen: 13.677 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.03 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.1	78.1#
126	0.0	5.5	8.3#



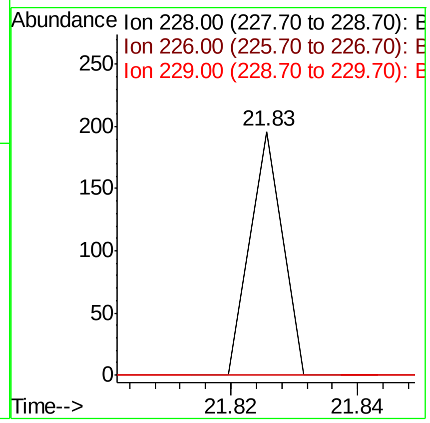


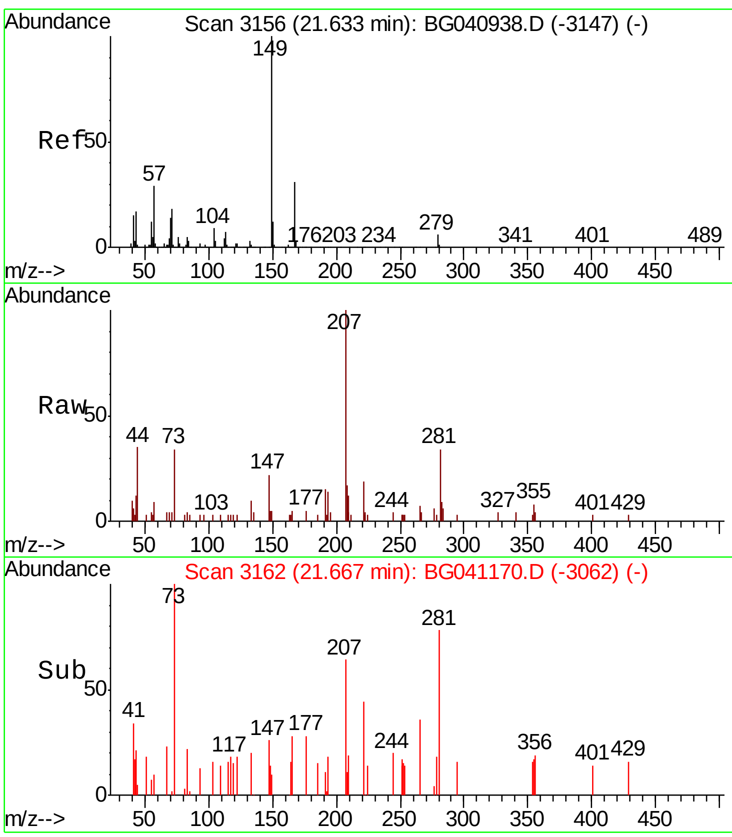
#83
Chrysene
Concen: 6.085 ng
RT: 21.83 min Scan# 3189
Delta R.T. 0.02 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:228 Resp: 69

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.6	37.0#
229	0.0	16.6	24.8#

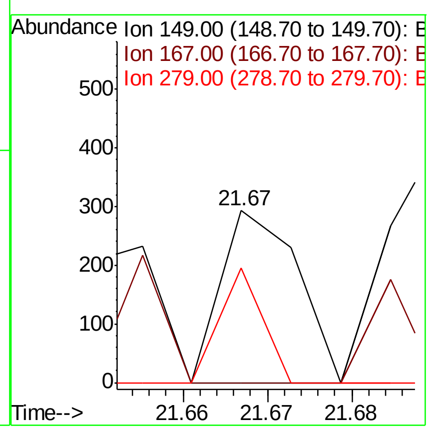


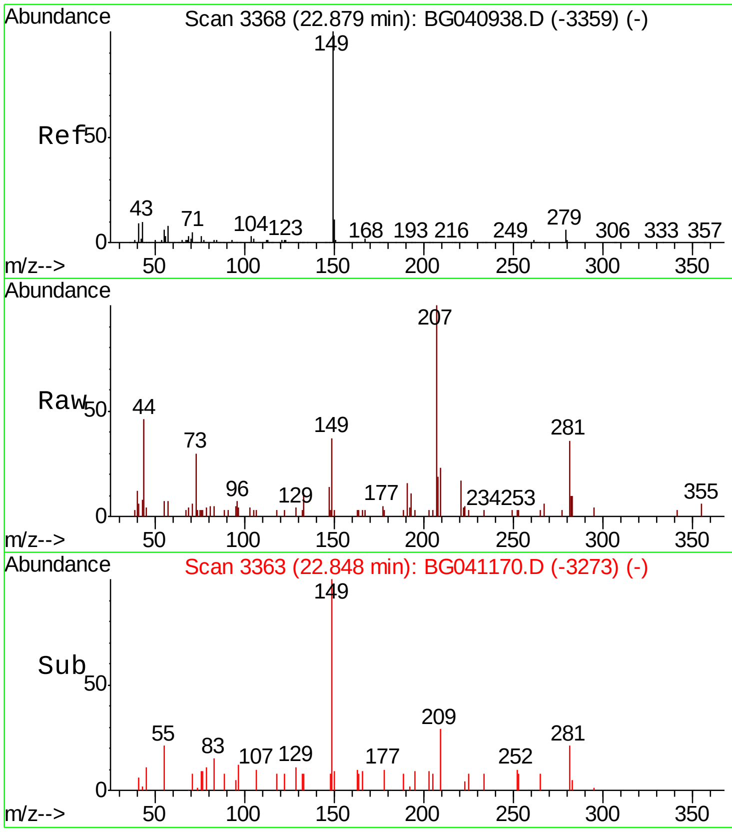


#84
Bis(2-ethylhexyl)phthalate
Concen: 29.027 ng
RT: 21.67 min Scan# 3162
Delta R.T. 0.06 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:149 Resp: 184

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.6	37.0#
279	66.9	5.0	7.6#



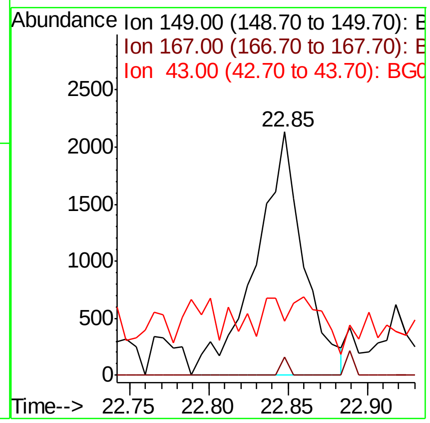


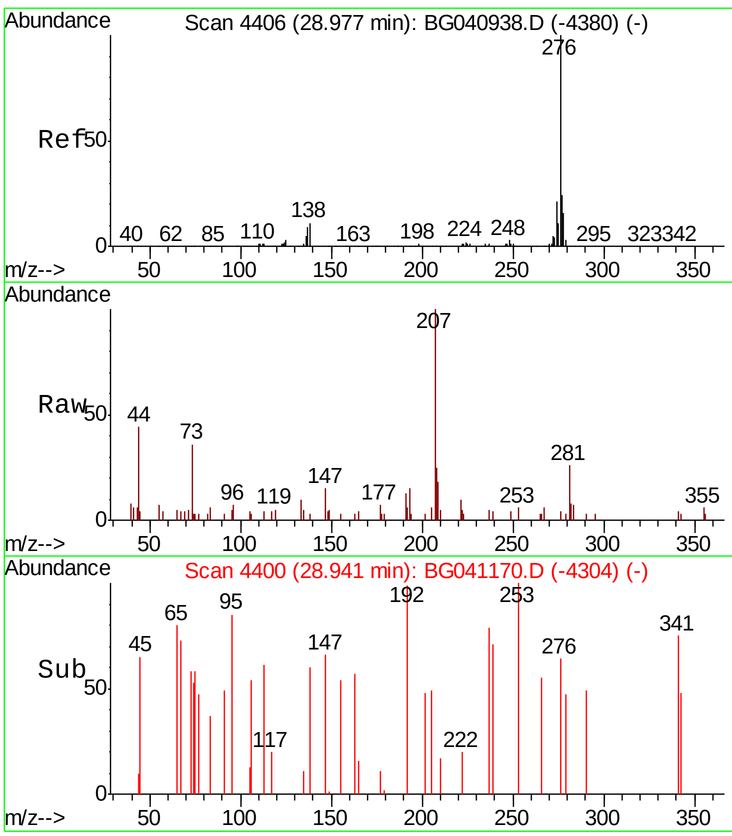
#85
Di-n-octyl phthalate
Concen: 421.608 ng
RT: 22.85 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:149 Resp: 4451

Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.4	2.0#
43	6.3	8.1	12.1#

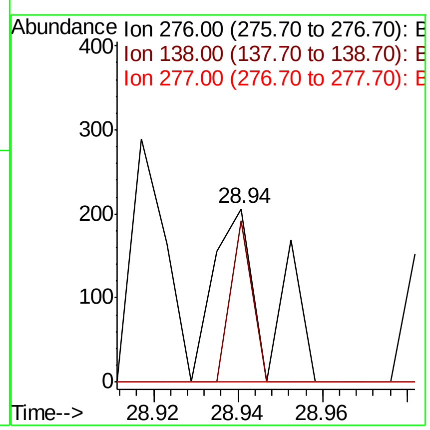


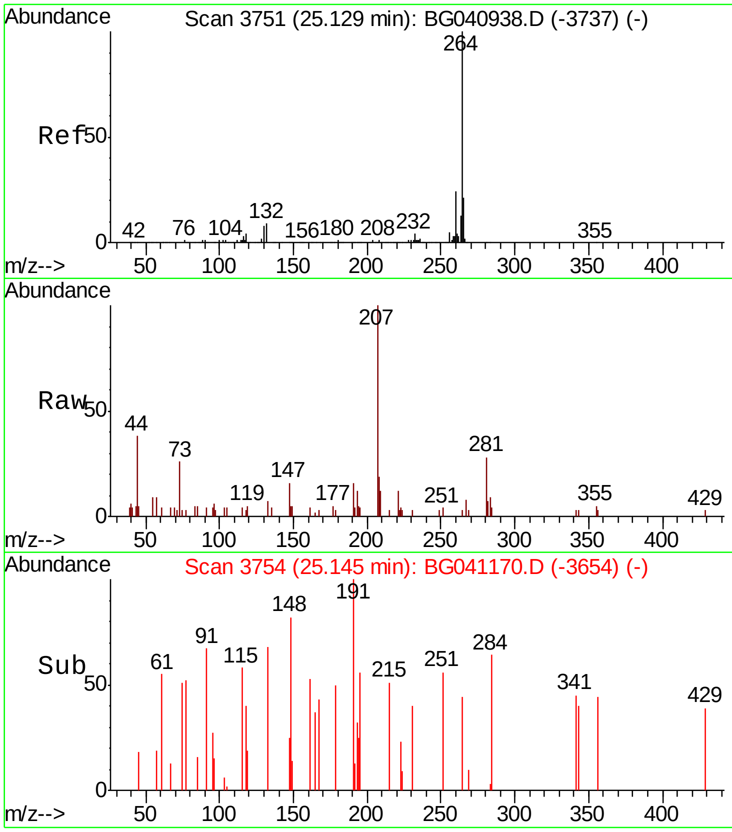


#86
Indeno(1,2,3-cd)pyrene
Concen: 13.463 ng
RT: 28.94 min Scan# 4400
Delta R.T. 0.04 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:276 Resp: 187

Ion	Ratio	Lower	Upper
276	100		
138	36.4	5.7	8.5#
277	0.0	20.8	31.2#



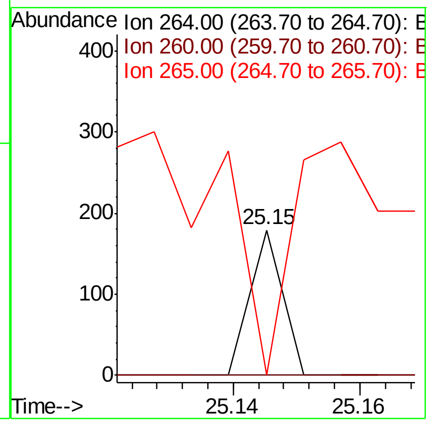


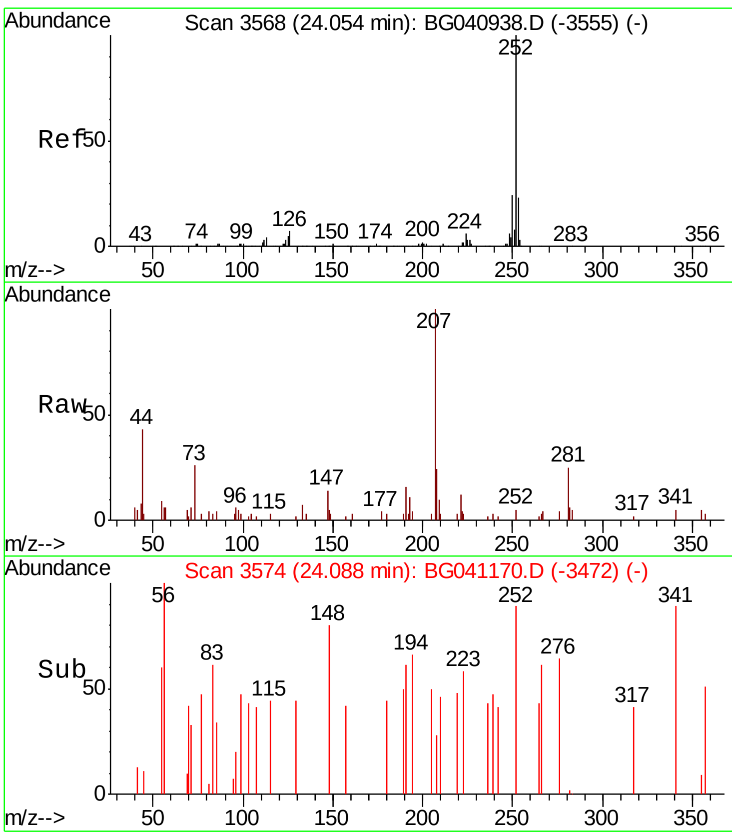
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3754
Delta R.T. 0.06 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument : BNA_G
ClientSampleId : PB120476BL

Tgt Ion:264 Resp: 63

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.0	28.4#
265	0.0	17.0	25.4#

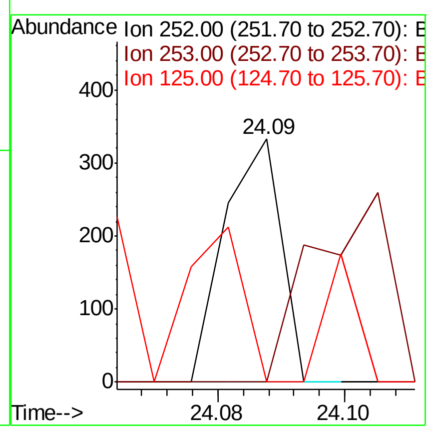


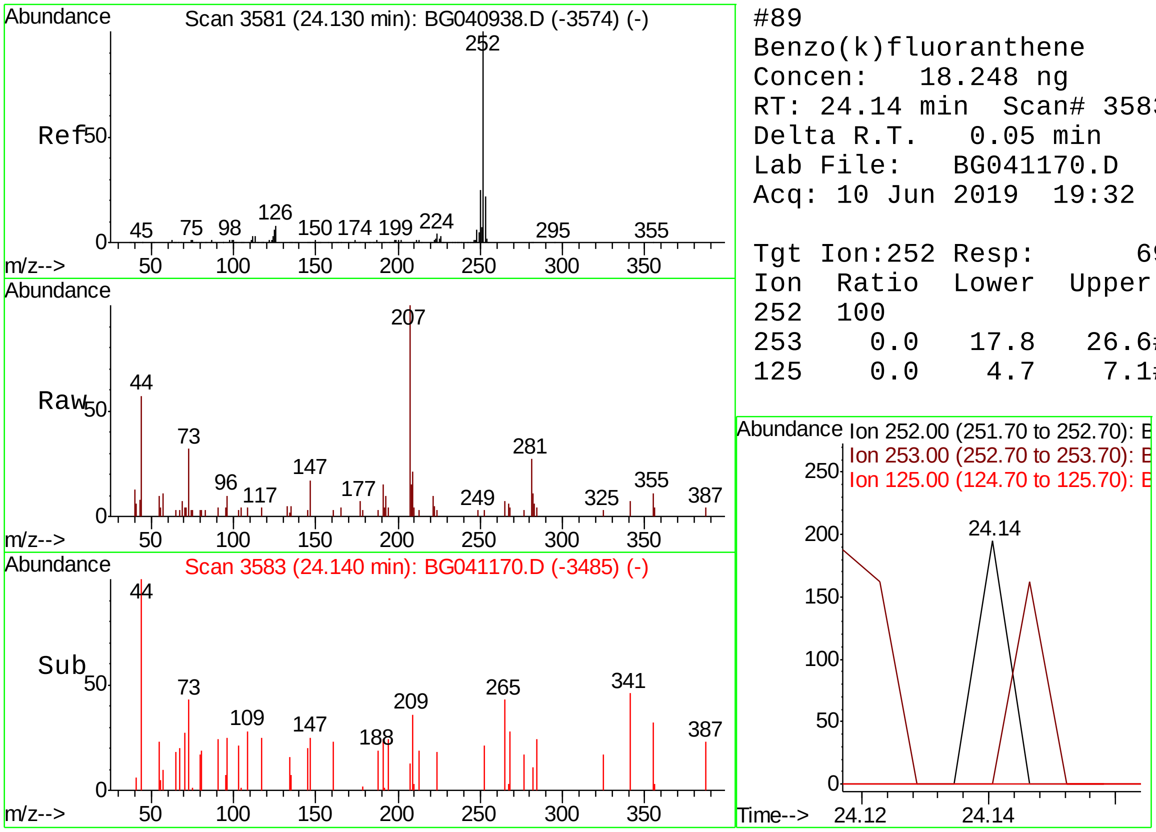


#88
Benzo(b)fluoranthene
Concen: 53.387 ng
RT: 24.09 min Scan# 3574
Delta R.T. 0.07 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:252 Resp: 204

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	0.0	4.3	6.5#



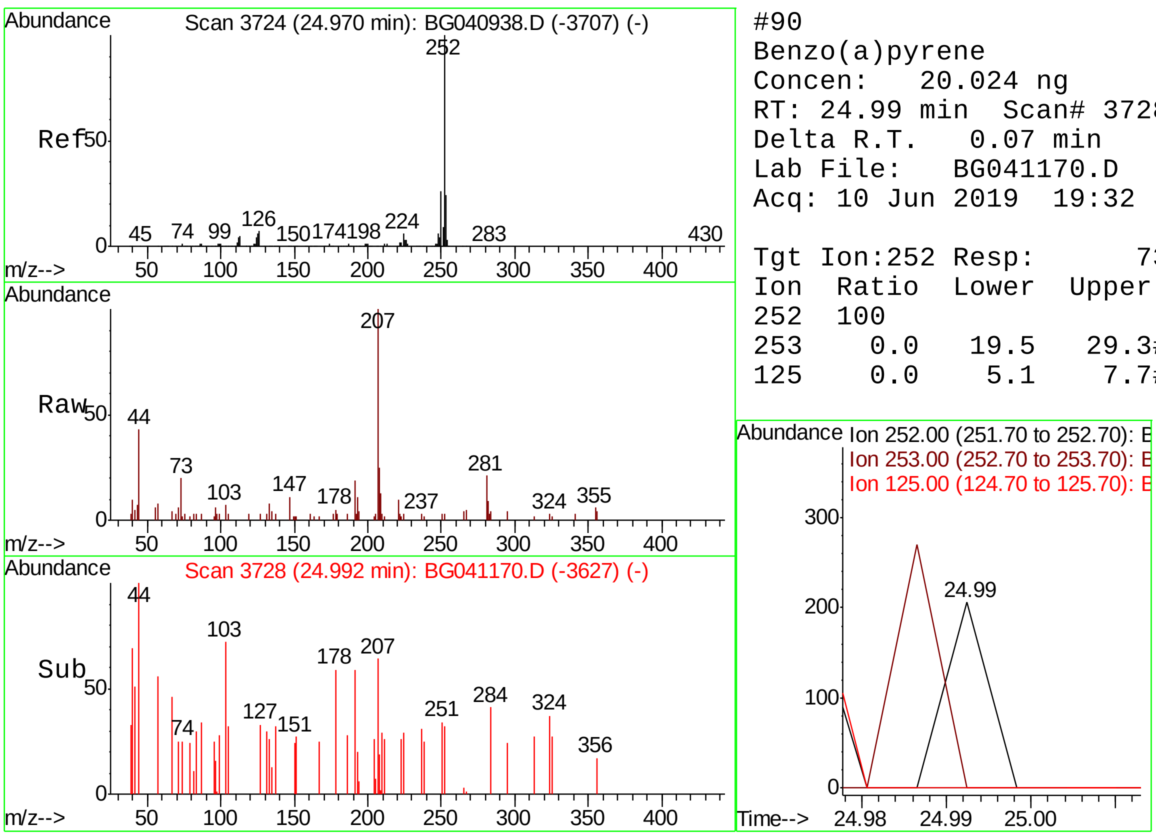


#89
Benzo(k)fluoranthene
Concen: 18.248 ng
RT: 24.14 min Scan# 3583
Delta R.T. 0.05 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Instrument :
BNA_G
ClientSampleId :
PB120476BL

Tgt Ion:252 Resp: 69

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	0.0	4.7	7.1#

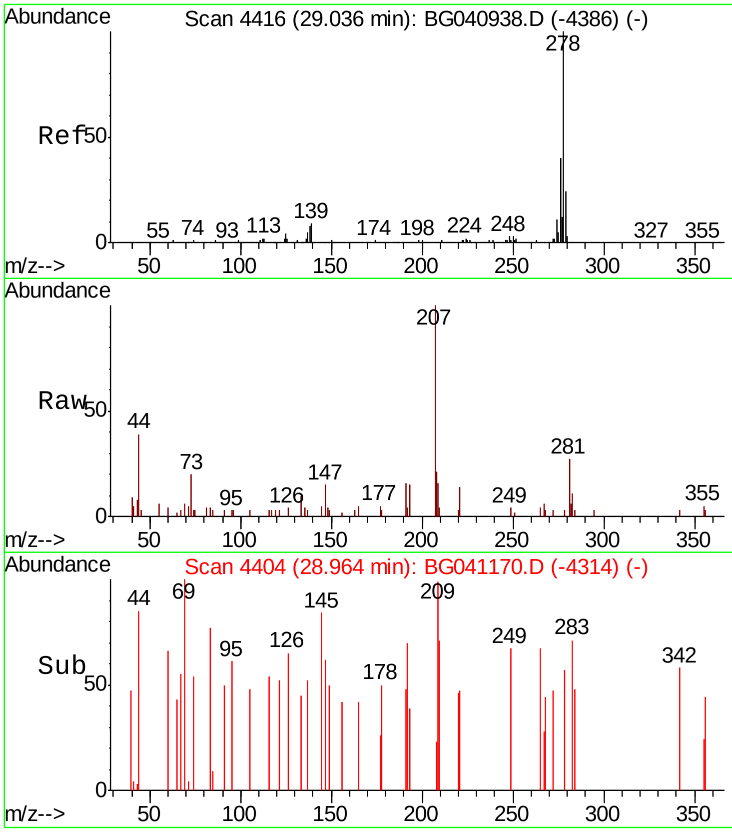


#90
Benzo(a)pyrene
Concen: 20.024 ng
RT: 24.99 min Scan# 3728
Delta R.T. 0.07 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:252 Resp: 73

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.5	29.3#
125	0.0	5.1	7.7#

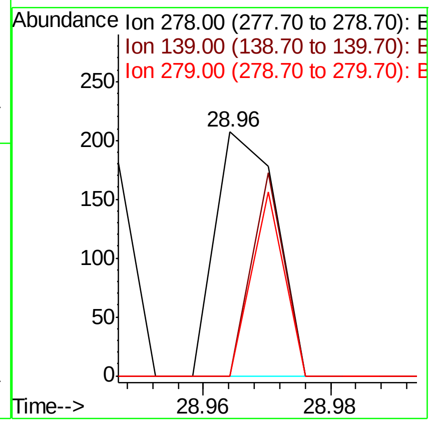
Instrument :
BNA_G
ClientSampleId :
PB120476BL

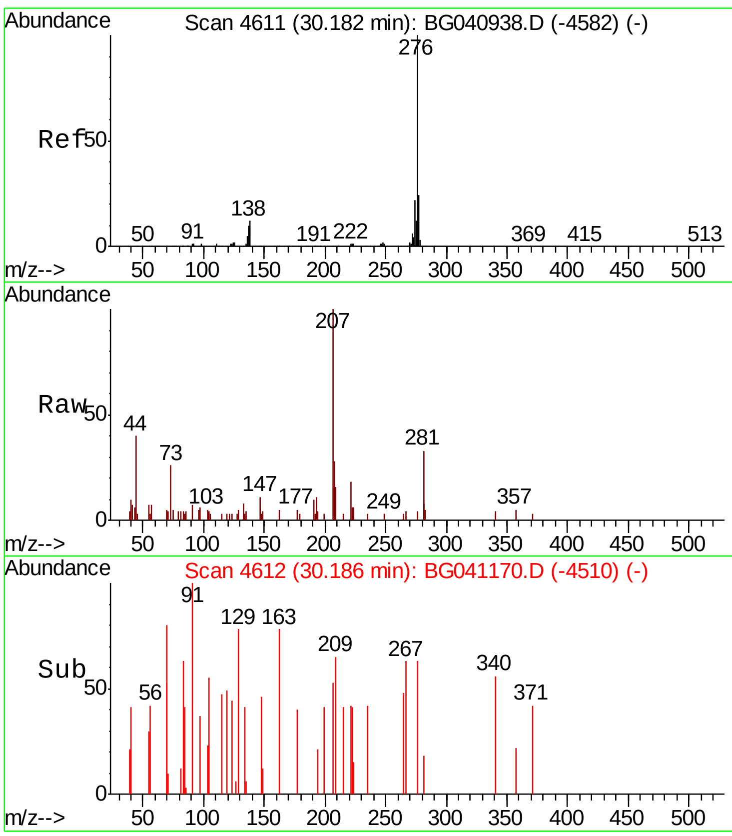


#91
Dibenzo(a,h)anthracene
Concen: 37.334 ng
RT: 28.96 min Scan# 4404
Delta R.T. 0.00 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:278 Resp: 136

Ion	Ratio	Lower	Upper
278	100		
139	0.0	7.1	10.7#
279	0.0	19.4	29.2#





#92
Benzo(g,h,i)perylene
Concen: 74.031 ng
RT: 30.19 min Scan# 4612
Delta R.T. 0.07 min
Lab File: BG041170.D
Acq: 10 Jun 2019 19:32

Tgt Ion:276 Resp: 262

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.0#
138	0.0	9.7	14.5#