Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102429.D
Acq On : 25 Jan 2018 16:34
Operator : SJ/JU
Sample : J1308-03DL 250X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A2-SB70-E-S-8DL

Quant Time: Jan 25 17:17:14 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128501	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	525733	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	226836	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	351089	20.00	ng		0.00
75) Chrysene-d12	13.87	240	244718	20.00	ng		0.00
86) Perylene-d12	15.30	264	242918	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	0.00	99	0	0.00	ng		
23) Nitrobenzene-d5	7.29	82	246	0.03	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.07	172	944	0.06	ng		-0.01
78) Terphenyl-d14	12.82	244	1274	0.12	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.03	128	1780837	67.844	ng		100
33) 4-Chloroaniline	8.03	127	238265	21.586	ng	#	34
35) Caprolactam	8.71	113	5452	2.265	ng	#	1
37) 2-Methylnaphthalene	8.71	142	271474	15.530	ng		98
45) 1,1'-Biphenyl	9.17	154	63948	3.153	ng		97
48) Acenaphthylene	9.61	152	73445	2.990	ng		97
49) Dimethylphthalate	9.75	163	59546	3.176	ng	#	1
50) 2,6-Dinitrotoluene	9.75	165	32345	8.001	ng	#	26
51) Acenaphthene	9.79	154	207517	14.466	ng		99
54) Dibenzofuran	9.96	168	223052	11.489	ng		98
55) 4-Nitrophenol	9.96	139	85990	27.241	ng	#	10
57) Fluorene	10.30	166	259357	16.859	ng		99
70) Phenanthrene	11.26	178	697381	34.087	ng		99
71) Anthracene	11.31	178	203895	9.764	ng		98
72) Carbazole	11.47	167	77331	3.796	ng		99
74) Fluoranthene	12.45	202	395953	18.979	ng		95
77) Pyrene	12.67	202	284445	15.034	ng		98
80) Benzo(a)anthracene	13.90	228	94879	6.297	ng		95
82) Chrysene	13.90	228	94882	6.201	ng		98
85) Indeno(1,2,3-cd)pyrene	16.69	276	32721	2.590	ng		95
87) Benzo(b)fluoranthene	14.89	252	153141	9.726	ng	#	95
88) Benzo(k)fluoranthene	14.89	252	153141	10.295	ng		98
89) Benzo(a)pyrene	15.24	252	86755	6.110	ng		98
91) Benzo(g,h,i)perylene	17.10	276	28670	2.524	ng	#	89

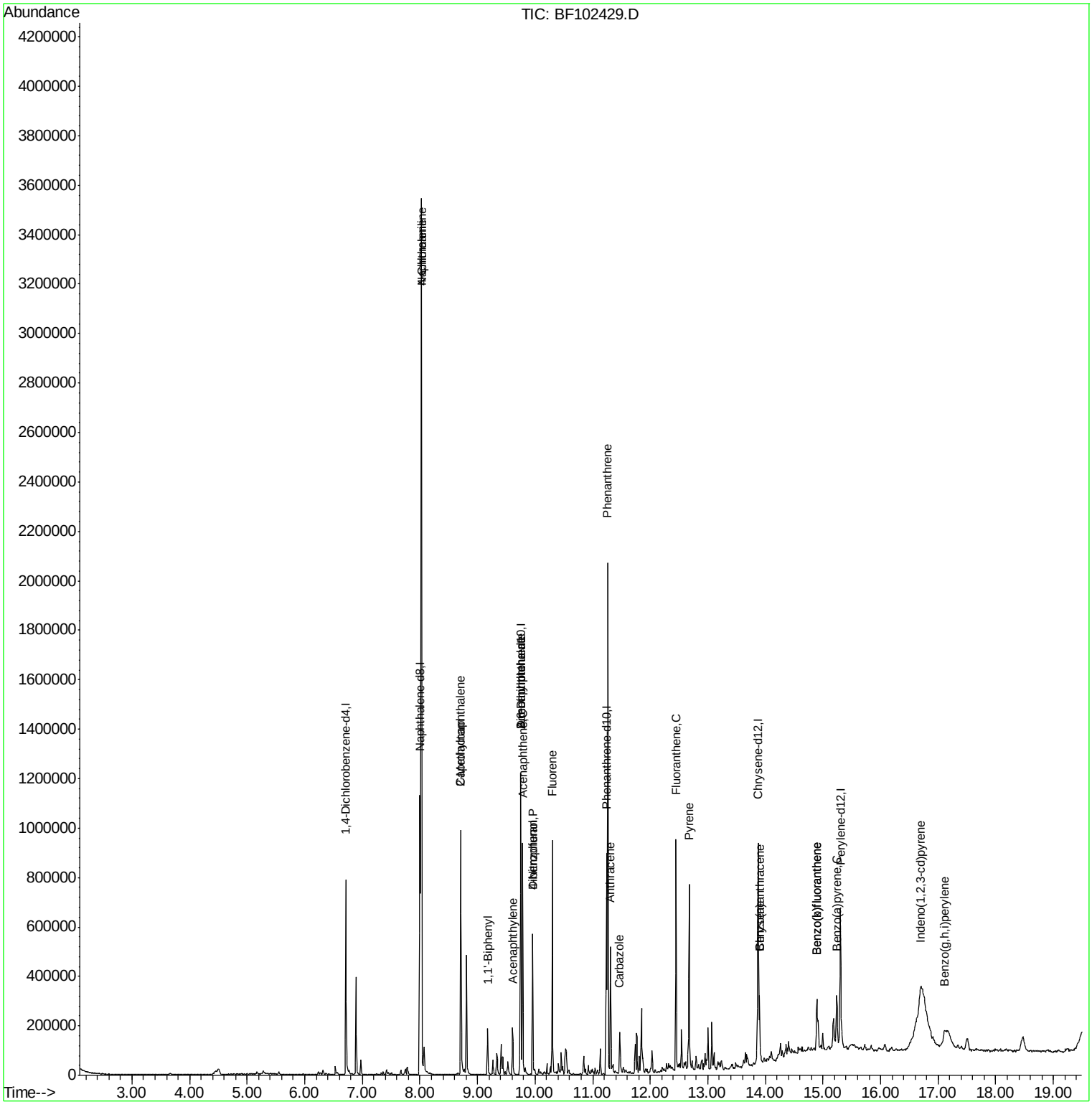
(#) = qualifier out of range (m) = manual integration (+) = signals summed

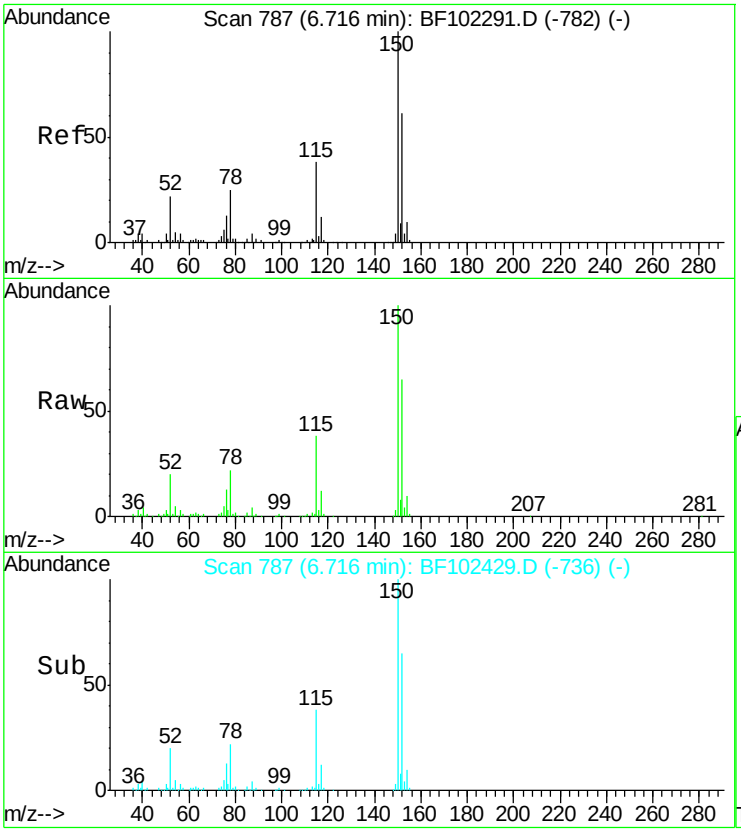
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102429.D
Acq On : 25 Jan 2018 16:34
Operator : SJ/JU
Sample : J1308-03DL 250X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Quant Time: Jan 25 17:17:14 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration



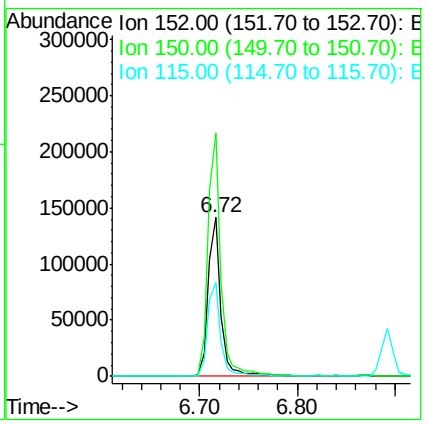


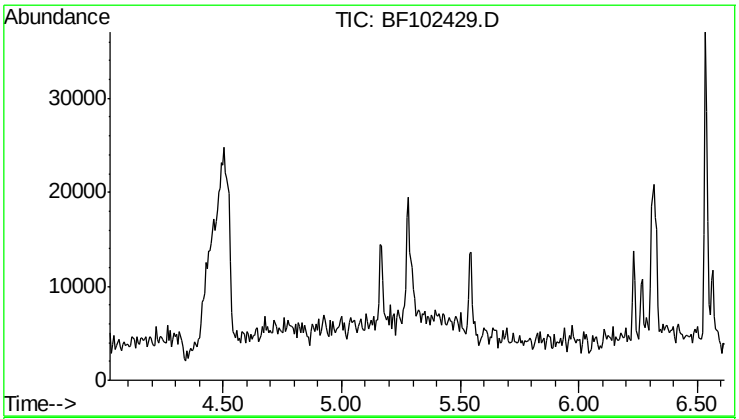
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:152 Resp: 128501

Ion	Ratio	Lower	Upper
152	100		
150	153.5	124.6	186.8
115	59.0	50.1	75.1



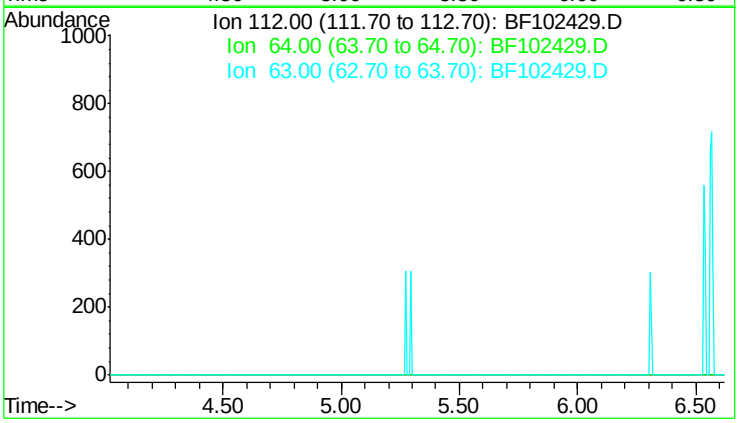


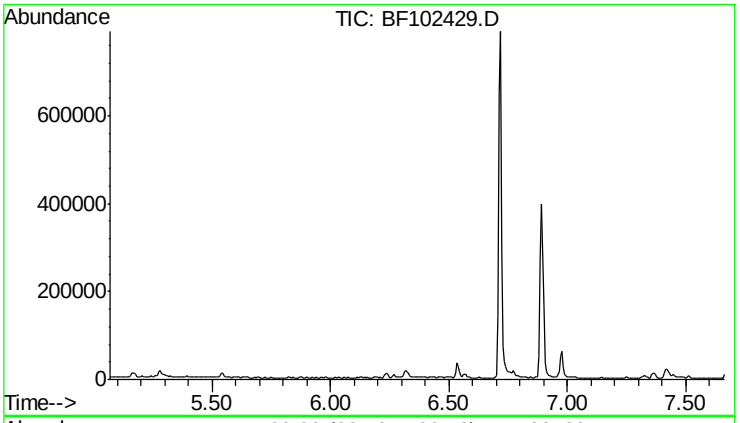
#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.32 min

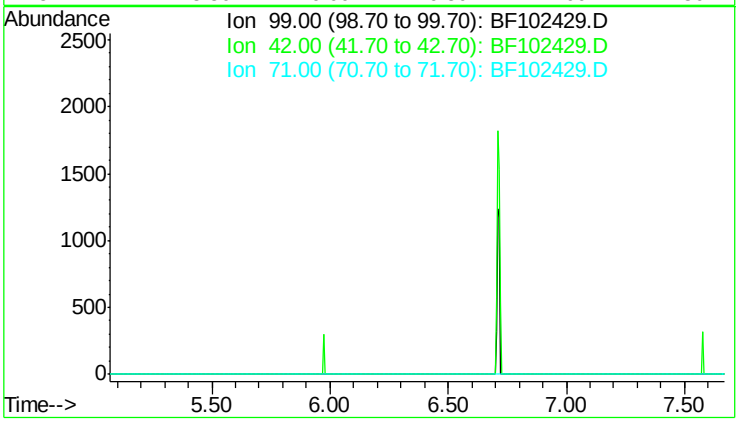
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6







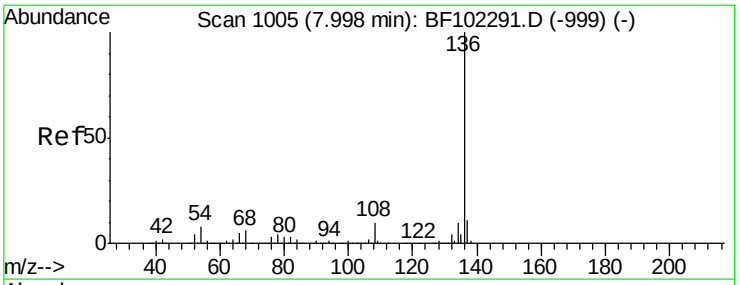
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.37 min

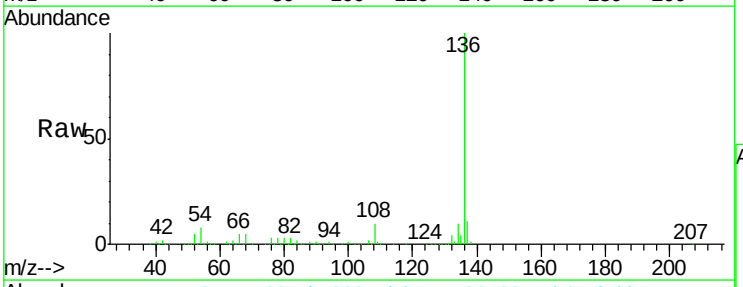
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

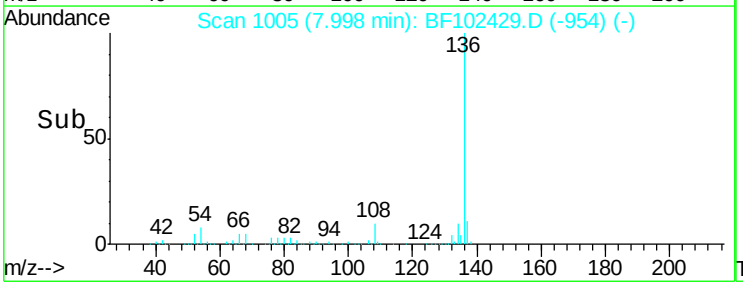
Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.1
71	31.7

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL



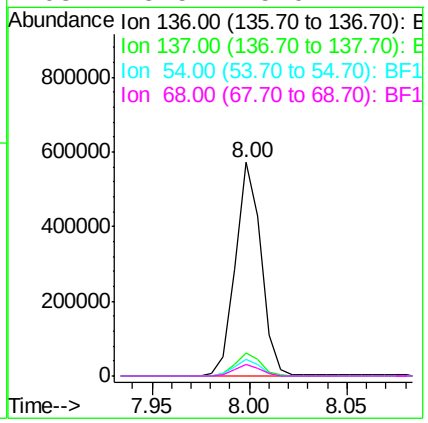


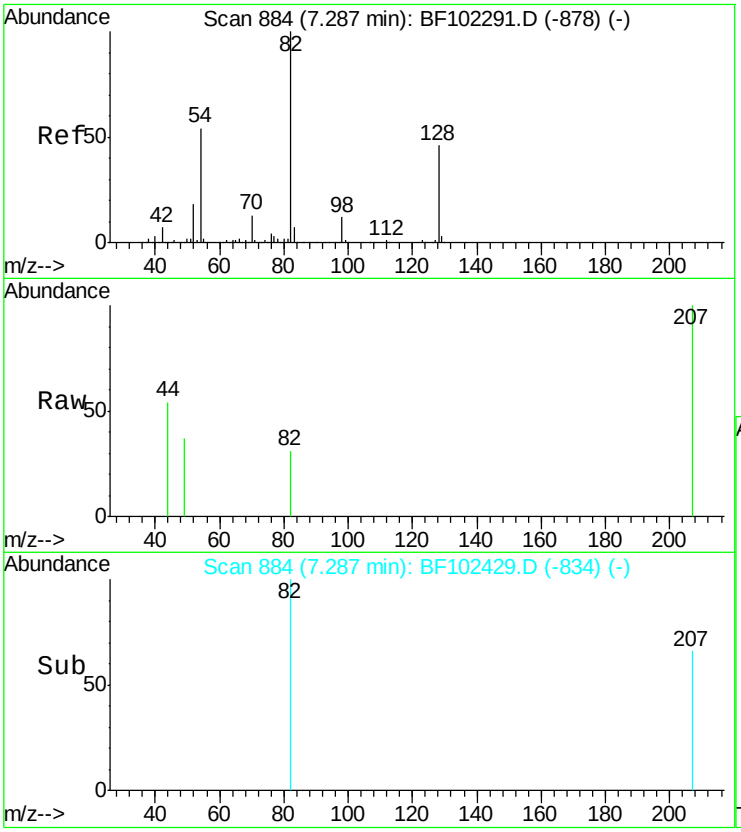


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:136 Resp: 525733

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.8	6.6	9.8
68	5.5	5.0	7.4



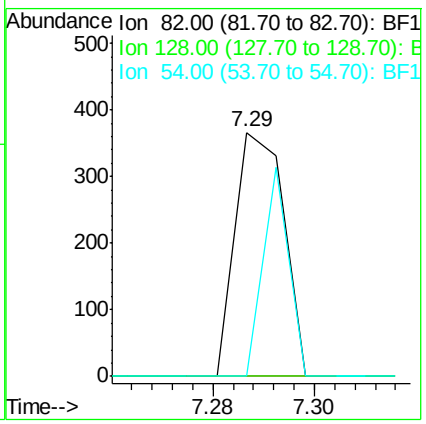


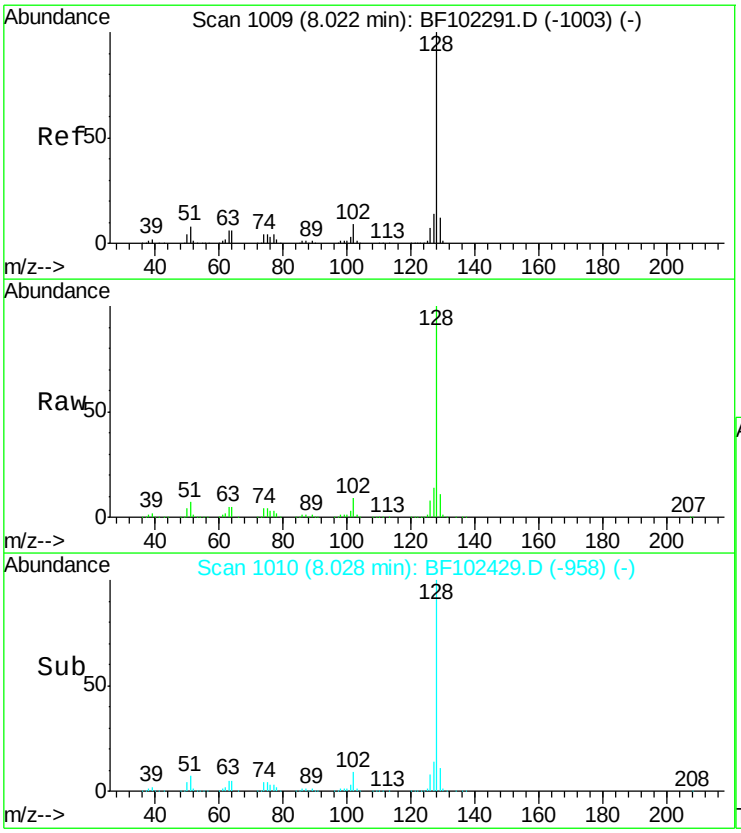
#23
Nitrobenzene-d5
Concen: 0.027 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion: 82 Resp: 246

Ion	Ratio	Lower	Upper
82	100		
128	0.0	36.1	54.1#
54	0.0	41.4	62.2#

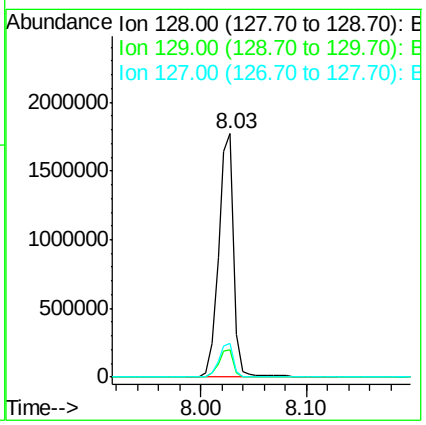


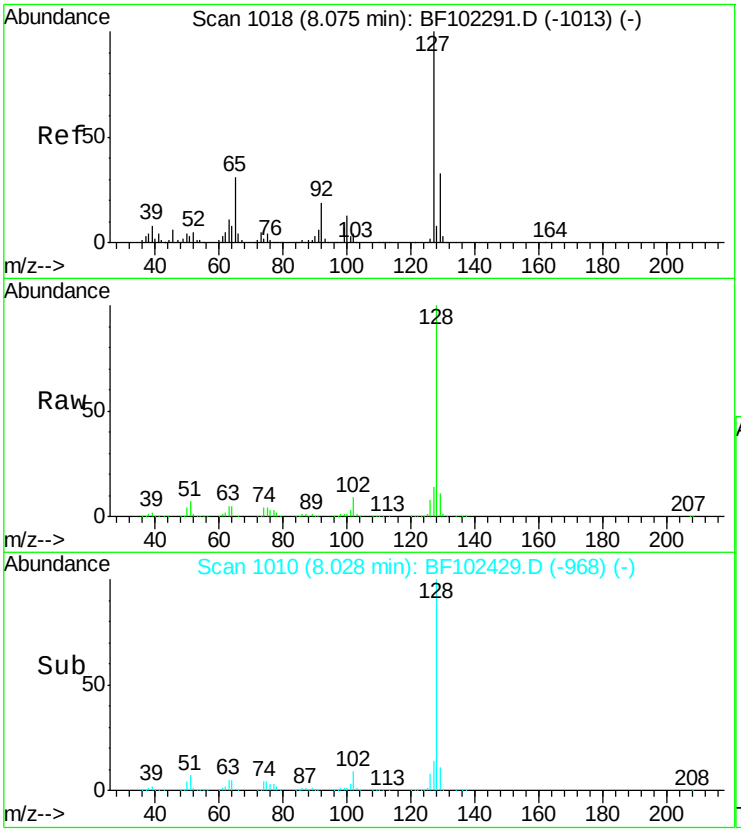


#31
Naphthalene
Concen: 67.844 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:128 Resp: 1780837

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.6	10.9	16.3



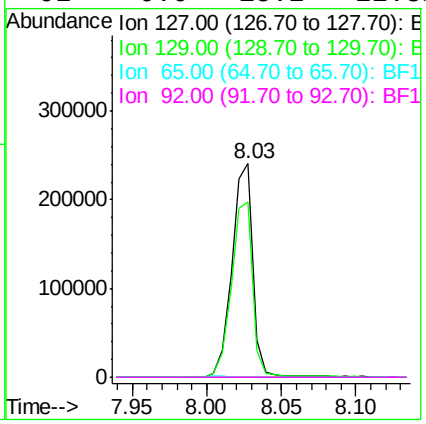


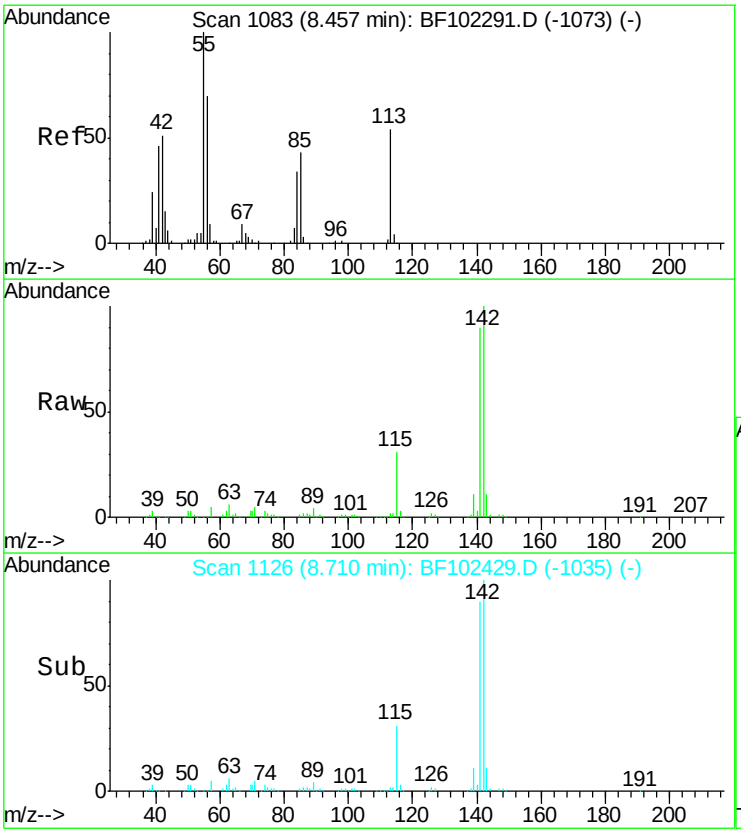
#33
4-Chloroaniline
Concen: 21.586 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.05 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:127 Resp: 238265

Ion	Ratio	Lower	Upper
127	100		
129	82.0	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

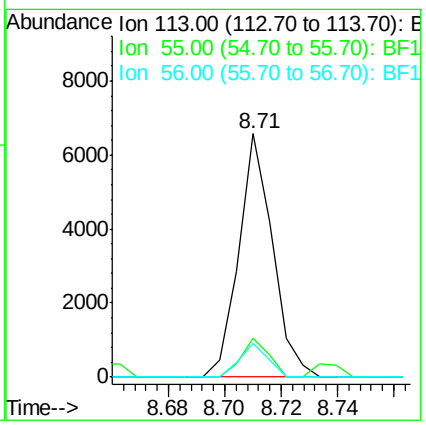


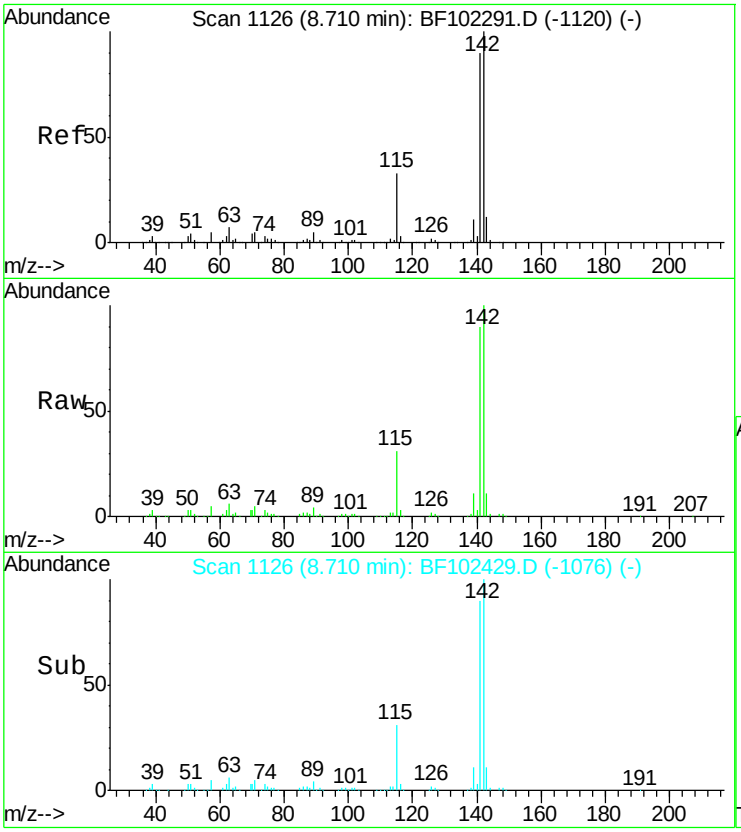


#35
Caprolactam
Concen: 2.265 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.24 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:113 Resp: 5452

Ion	Ratio	Lower	Upper
113	100		
55	16.0	163.3	203.3#
56	13.7	115.7	155.7#



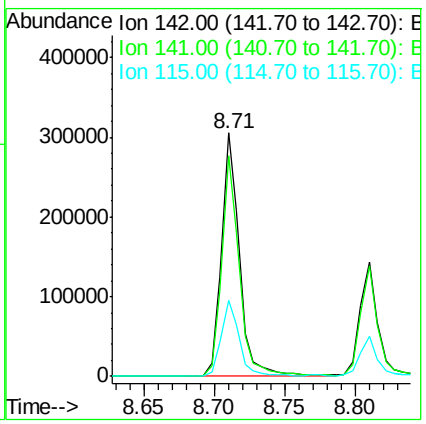


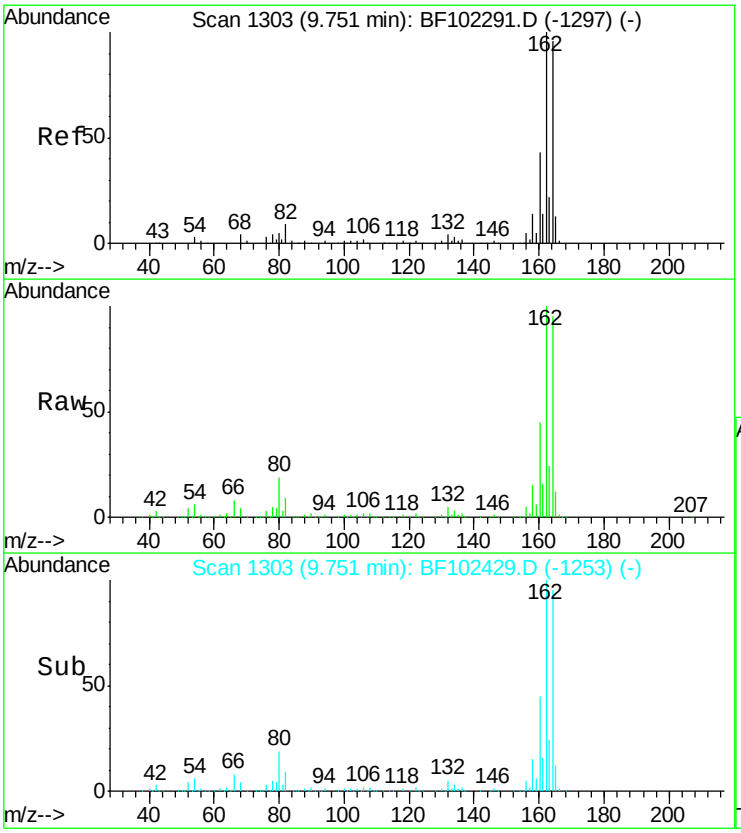
#37
2-Methylnaphthalene
Concen: 15.530 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:142 Resp: 271474

Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	31.2	26.1	39.1

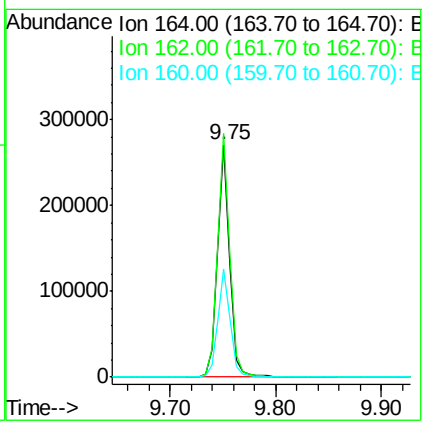


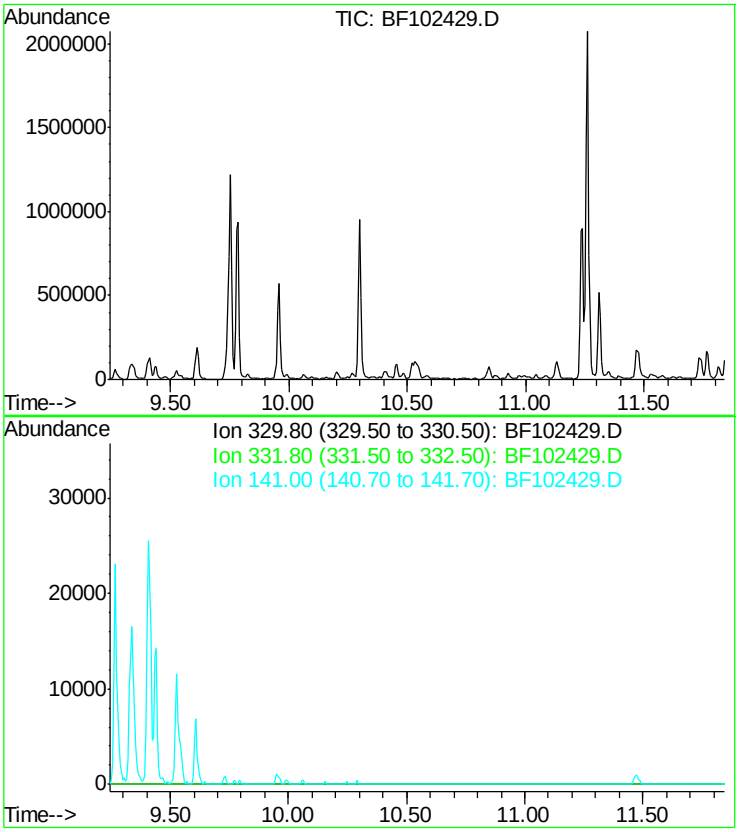


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:164 Resp: 226836

Ion	Ratio	Lower	Upper
164	100		
162	104.7	86.1	129.1
160	46.7	38.3	57.5





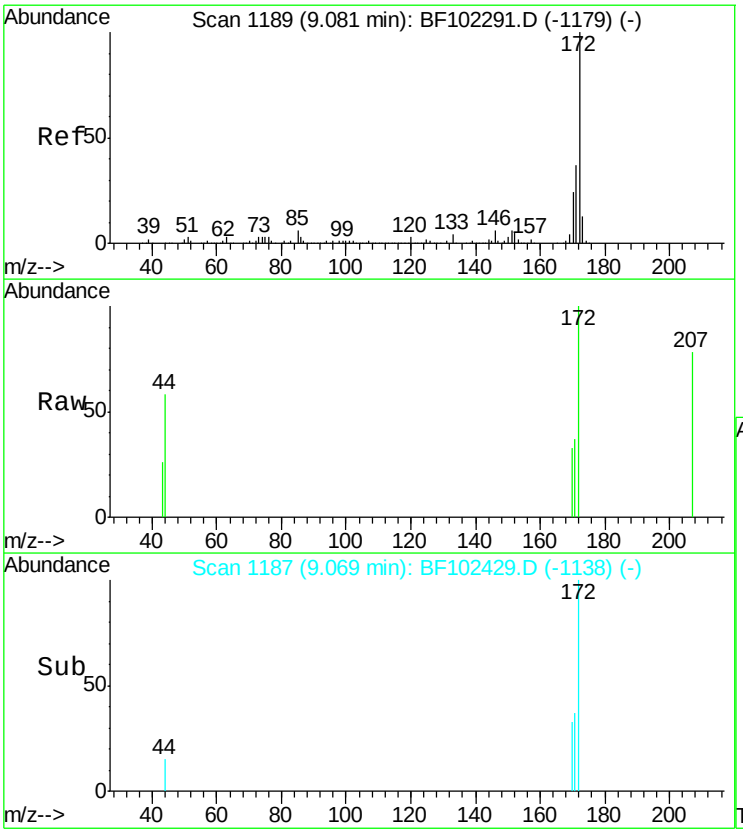
#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.55 min

Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

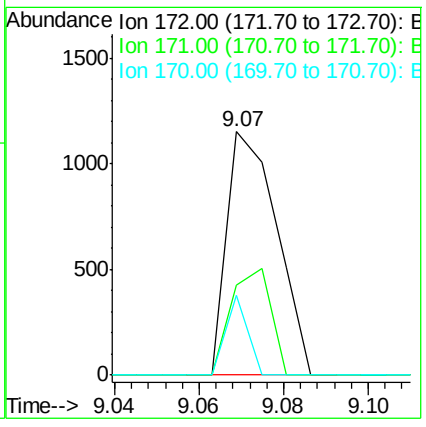
Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

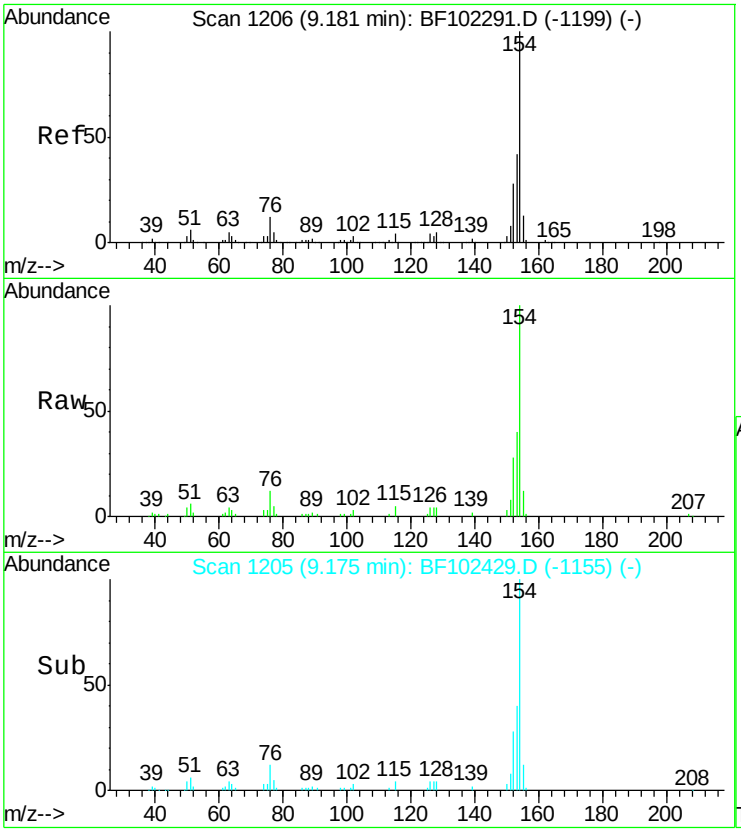


#44
2-Fluorobiphenyl
Concen: 0.061 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:172 Resp: 944

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	32.7	19.6	29.4#



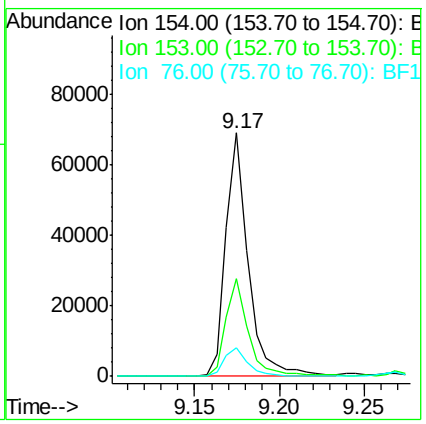


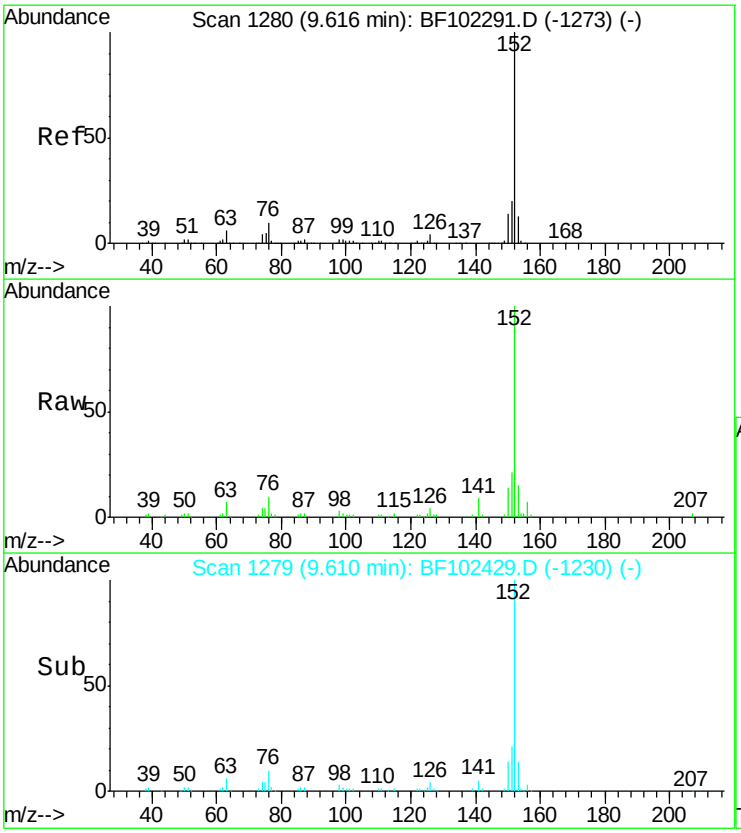
#45
1,1'-Biphenyl
Concen: 3.153 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:154 Resp: 63948

Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.3	61.3
76	11.5	0.0	34.0

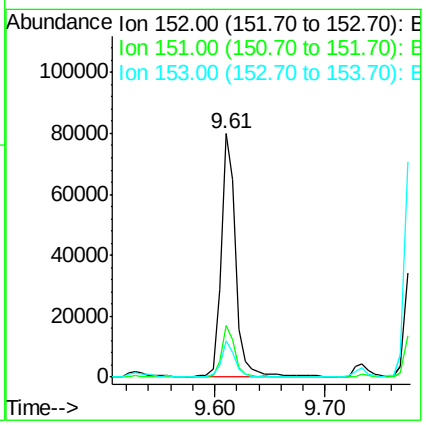


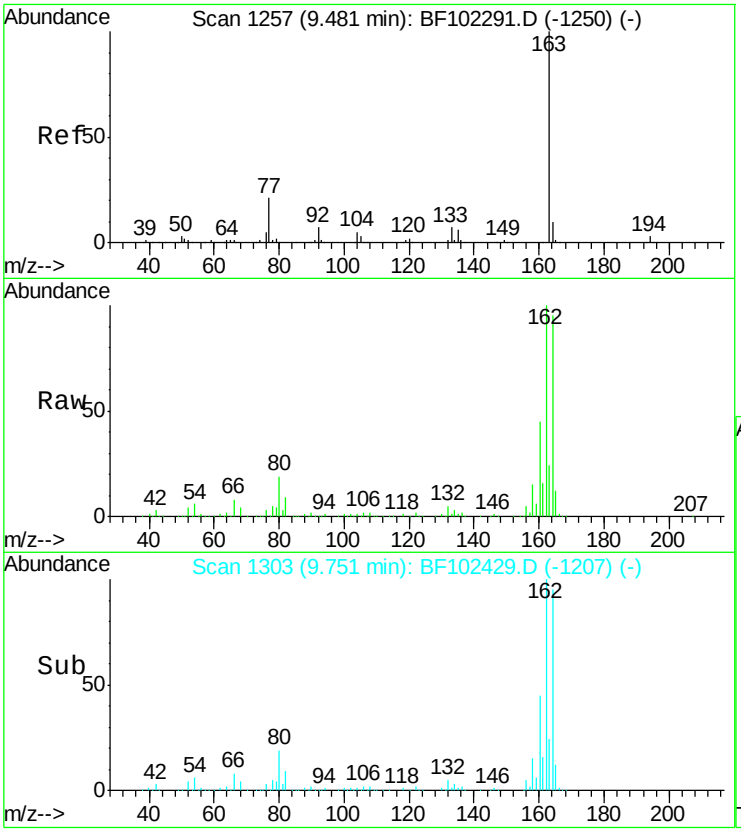


#48
Acenaphthylene
Concen: 2.990 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:152 Resp: 73445

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	14.8	10.7	16.1



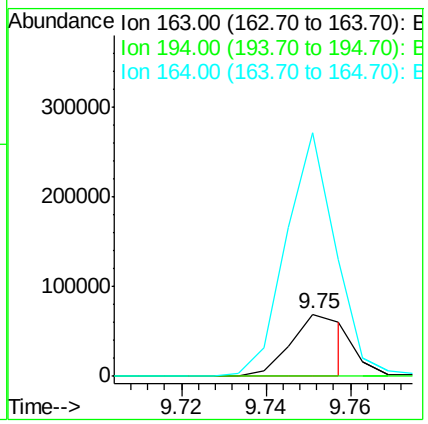


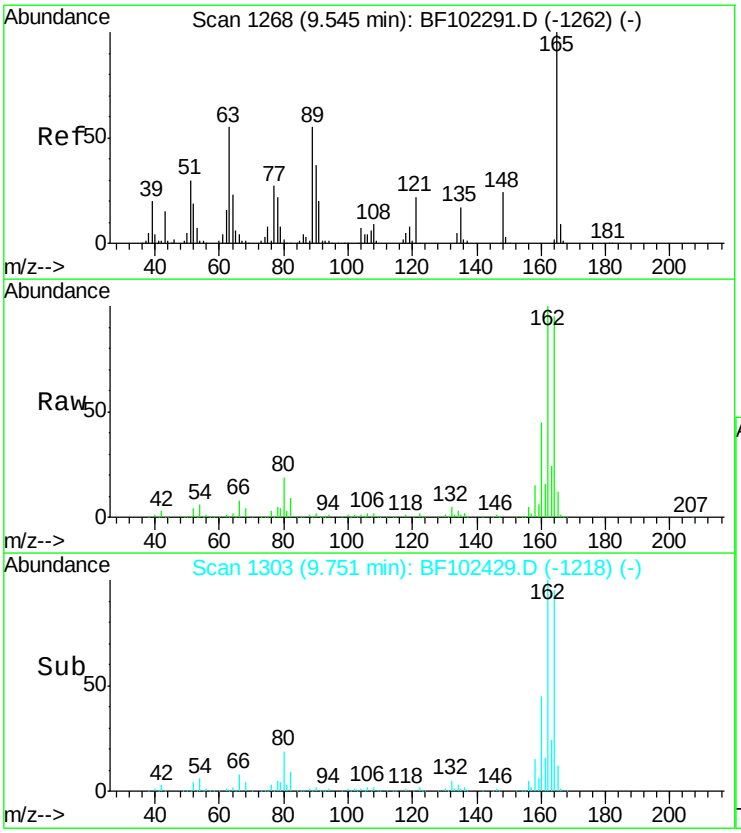
#49
Dimethylphthalate
Concen: 3.176 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.26 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:163 Resp: 59546

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	392.4	8.2	12.2#

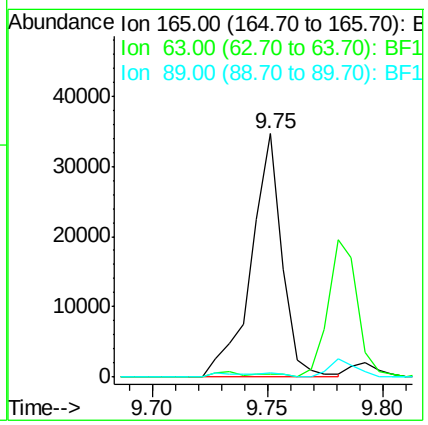


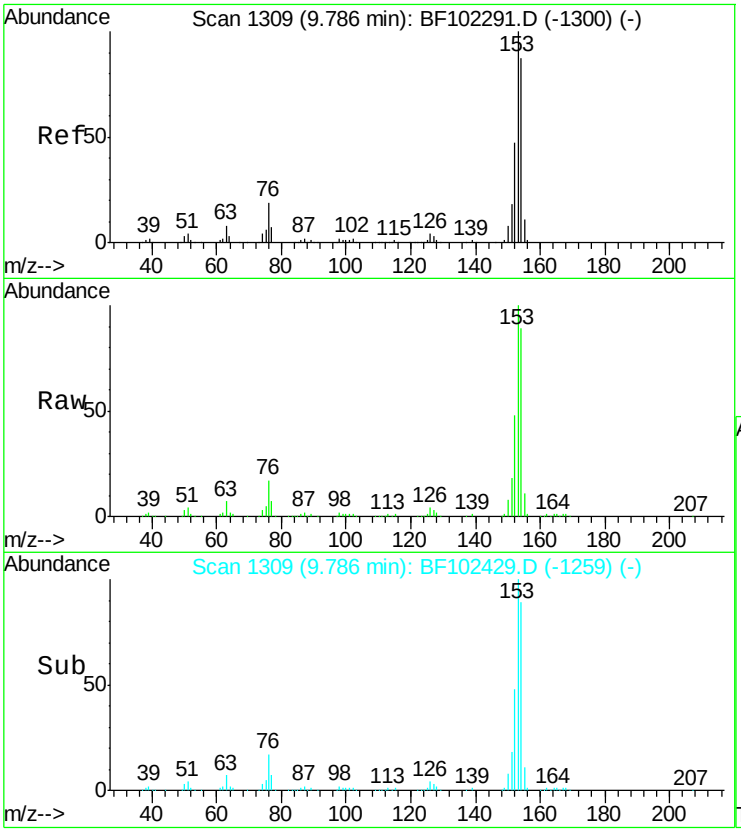


#50
2,6-Dinitrotoluene
Concen: 8.001 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:165 Resp: 32345

Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#



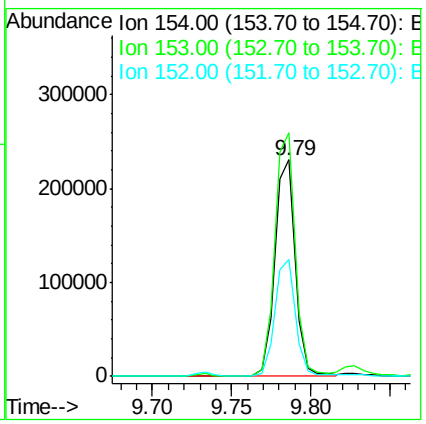


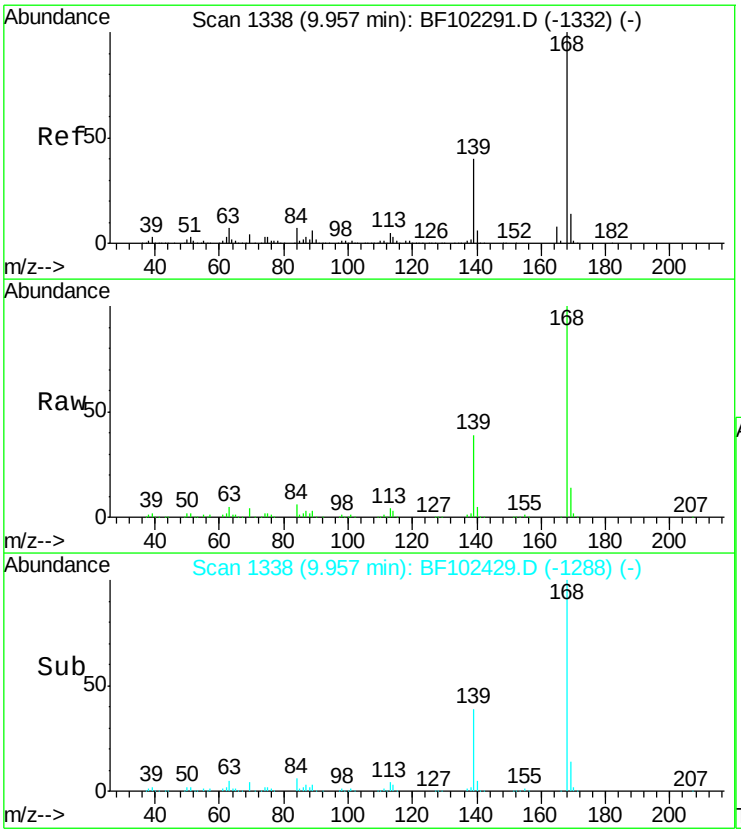
#51
Acenaphthene
Concen: 14.466 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:154 Resp: 207517

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.2	136.8
152	54.2	43.8	65.8

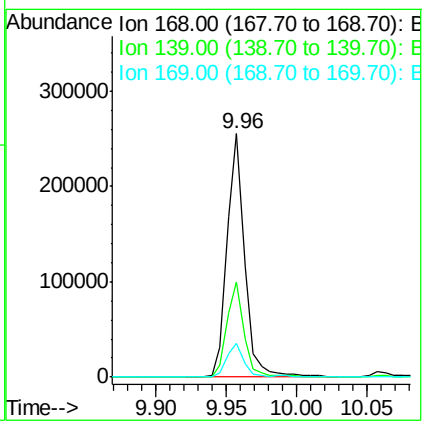


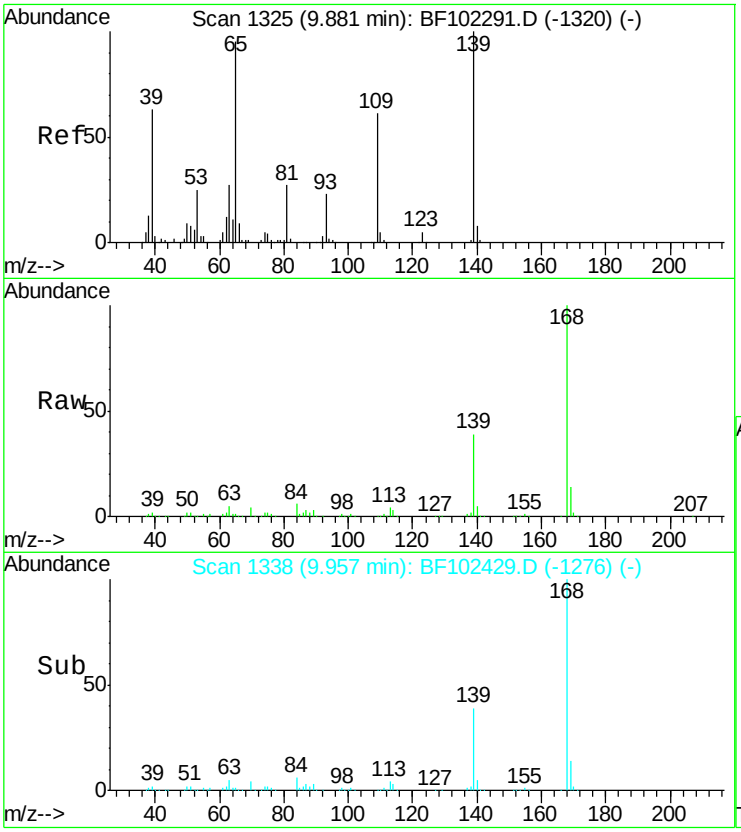


#54
Dibenzofuran
Concen: 11.489 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:168 Resp: 223052

Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.1	45.1
169	13.8	10.9	16.3



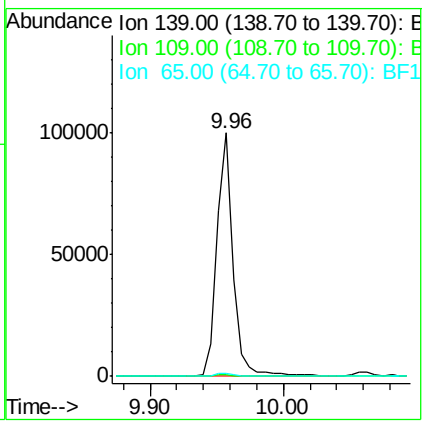


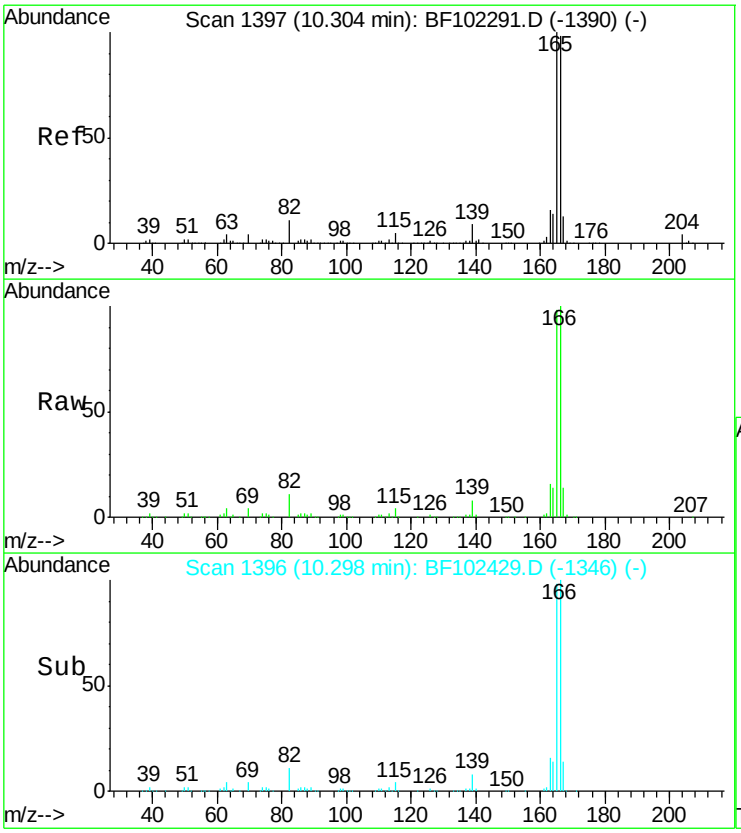
#55
4-Nitrophenol
Concen: 27.241 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:139 Resp: 85990

Ion	Ratio	Lower	Upper
139	100		
109	0.7	48.4	88.4#
65	1.4	72.6	112.6#

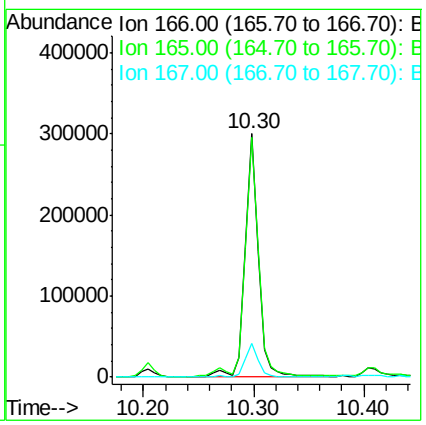


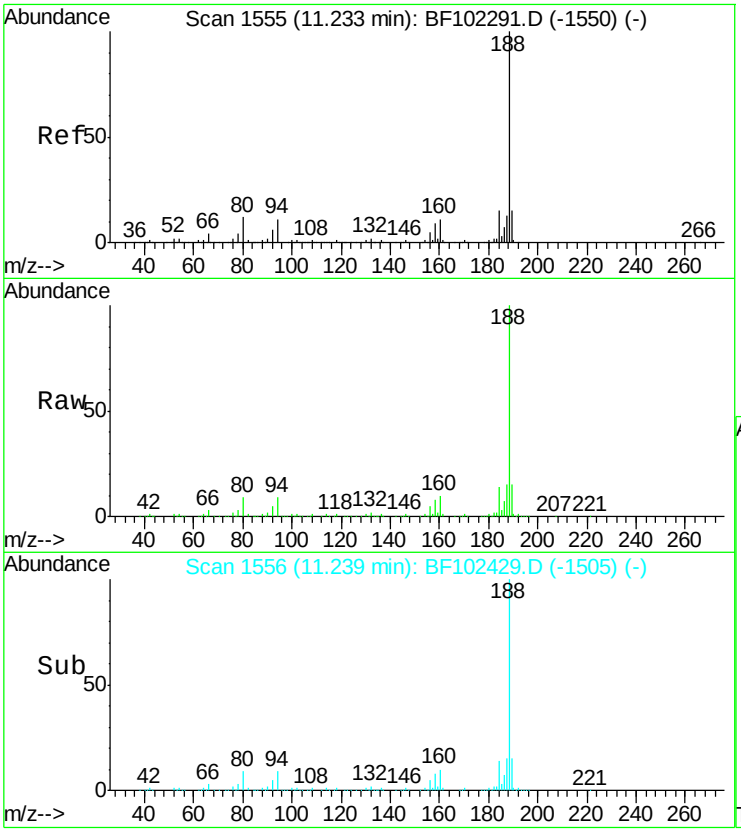


#57
Fluorene
Concen: 16.859 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:166 Resp: 259357

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	13.7	10.6	16.0



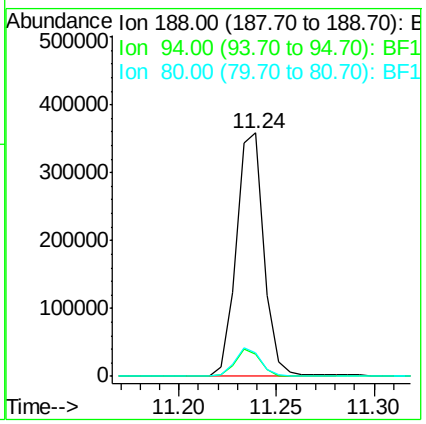


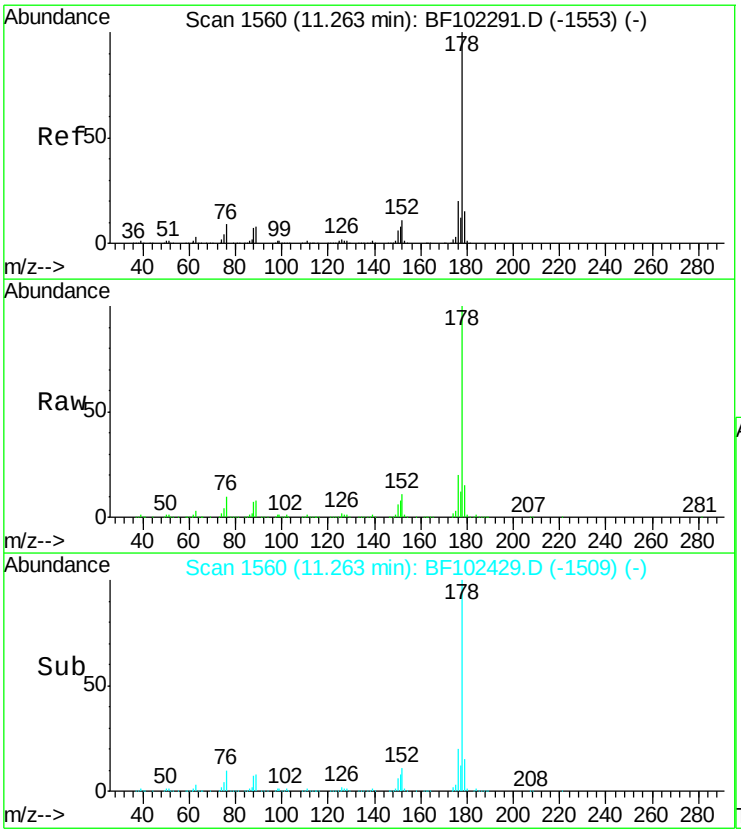
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:188 Resp: 351089

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.5	9.2	13.8

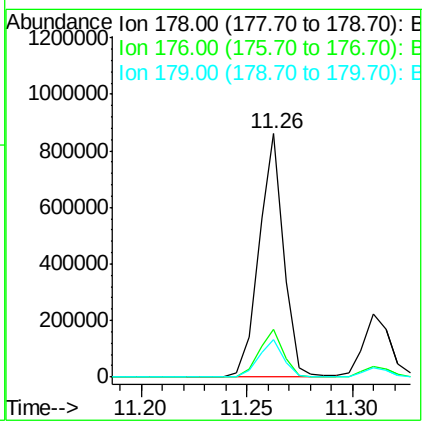


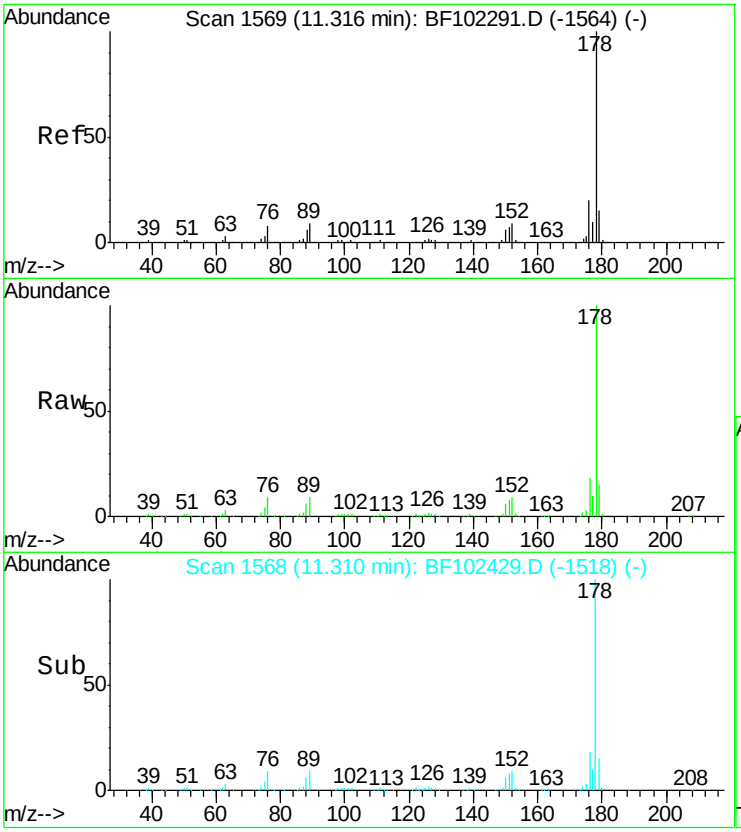


#70
Phenanthrene
Concen: 34.087 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:178 Resp: 697381

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6



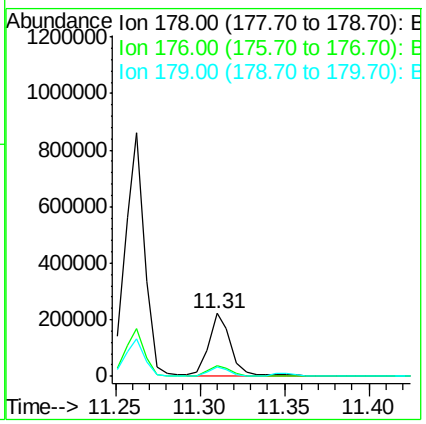


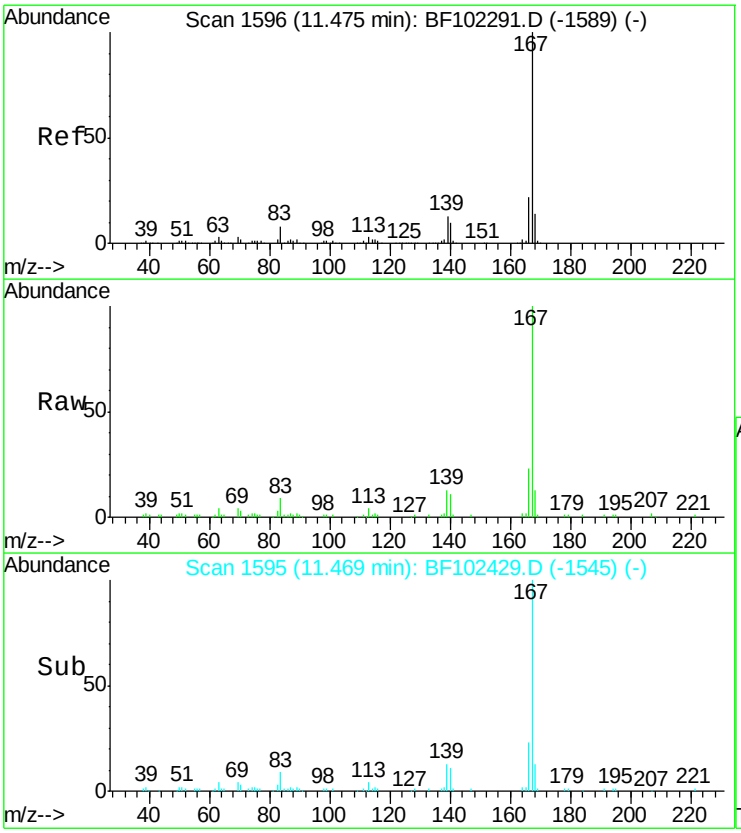
#71
Anthracene
Concen: 9.764 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:178 Resp: 203895

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.3	12.6	19.0

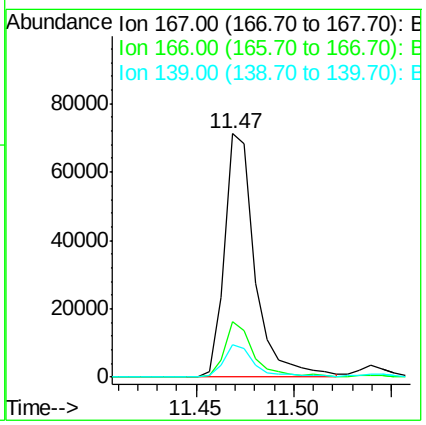


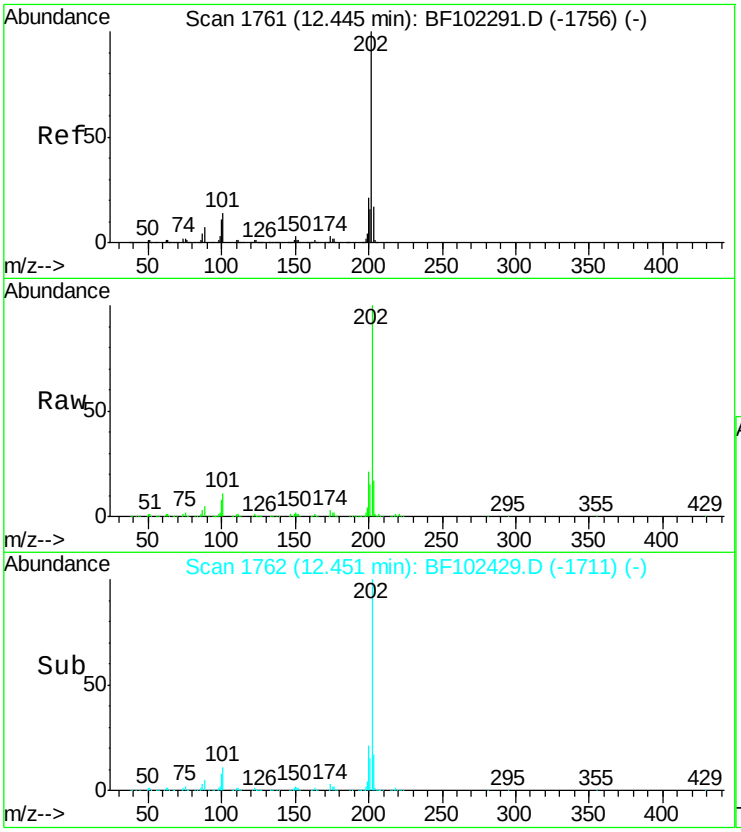


#72
Carbazole
Concen: 3.796 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:167 Resp: 77331

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	13.4	10.9	16.3



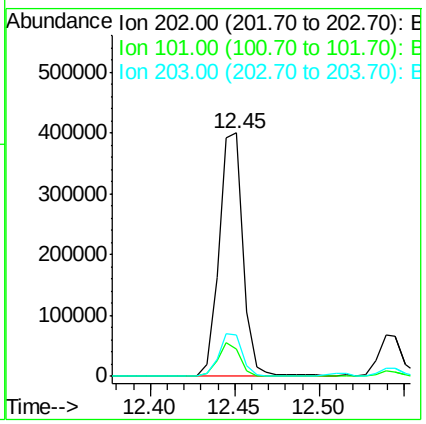


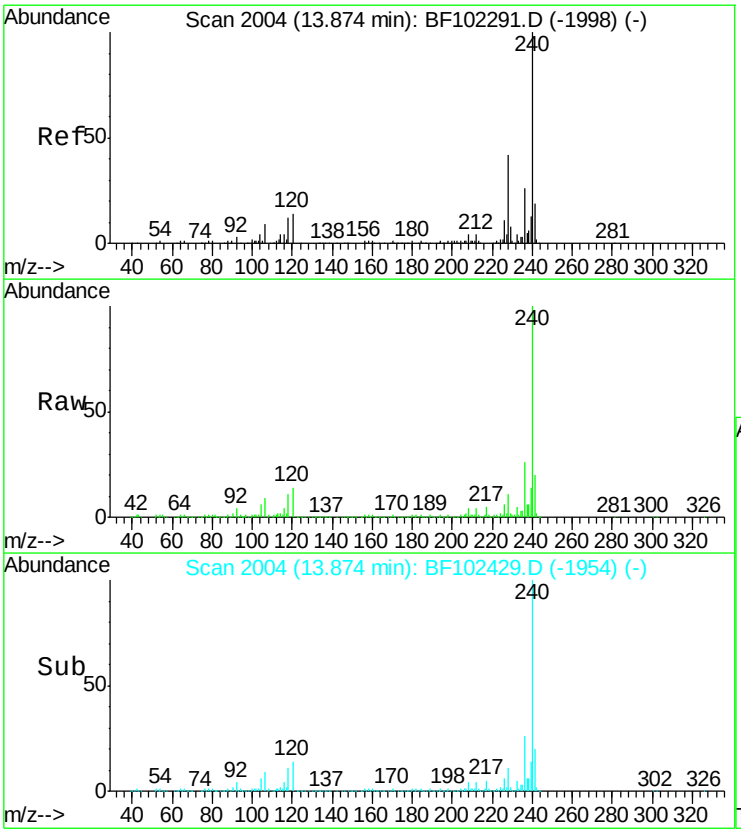
#74
Fluoranthene
Concen: 18.979 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:202 Resp: 395953

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	16.9	0.0	38.1

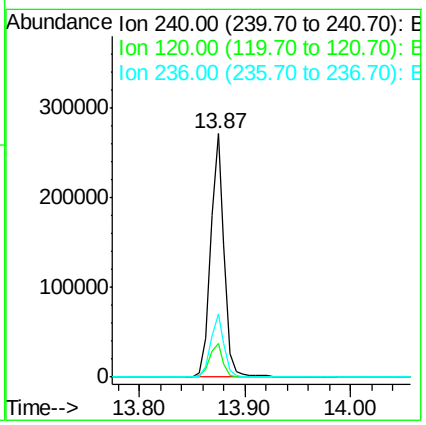


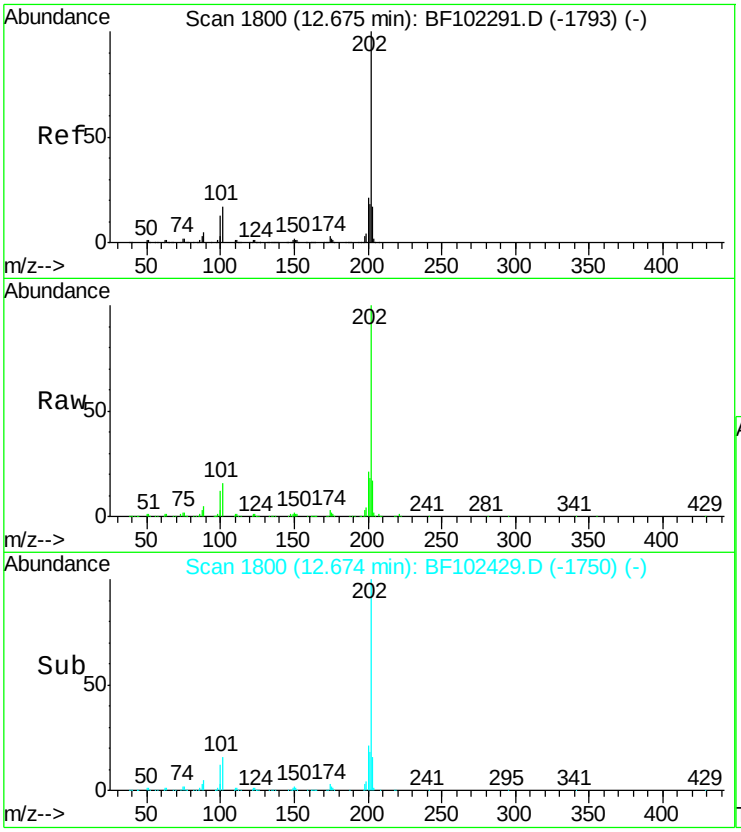


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:240 Resp: 244718

Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.2	20.7	31.1



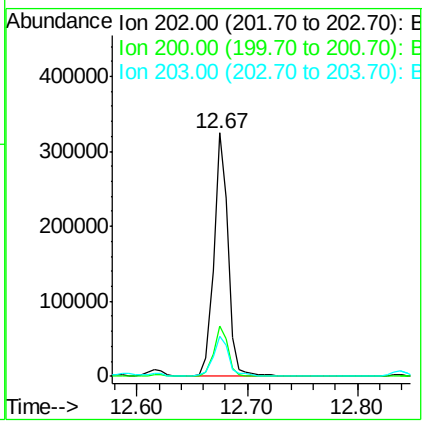


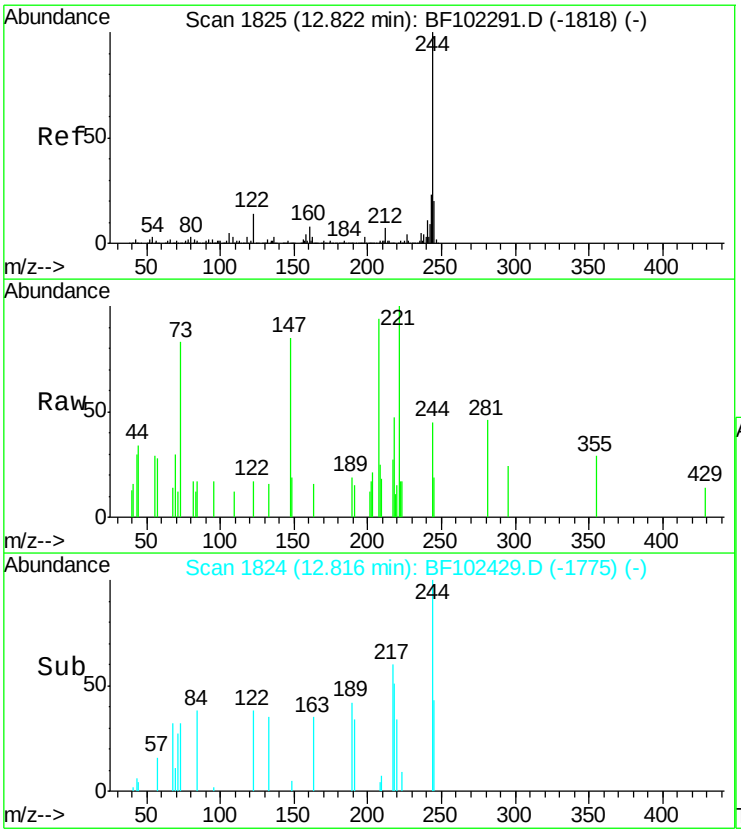
#77
Pyrene
Concen: 15.034 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:202 Resp: 284445

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	16.7	14.3	21.5

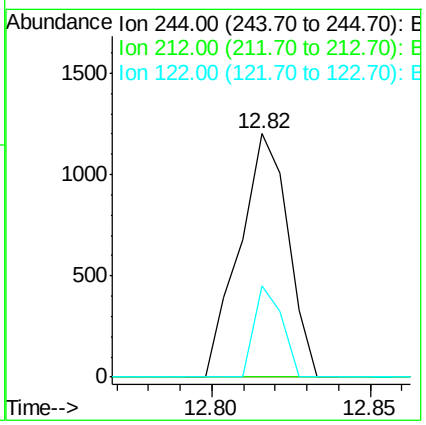


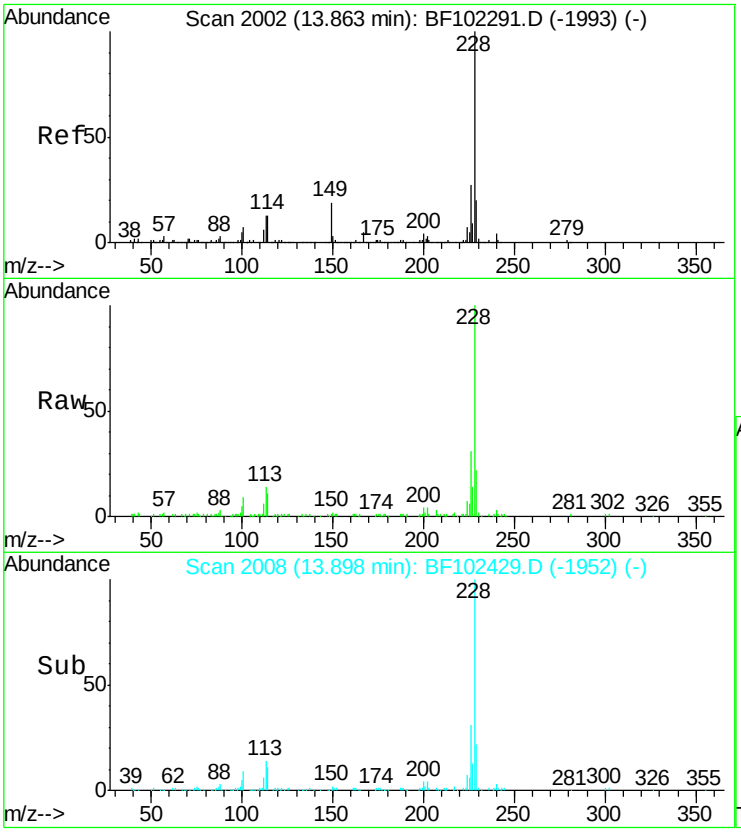


#78
Terphenyl-d14
Concen: 0.117 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:244 Resp: 1274

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	37.5	11.0	16.4#



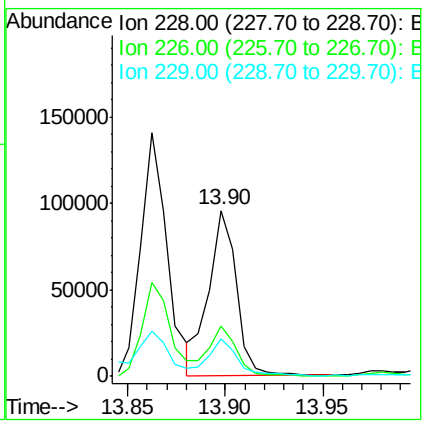


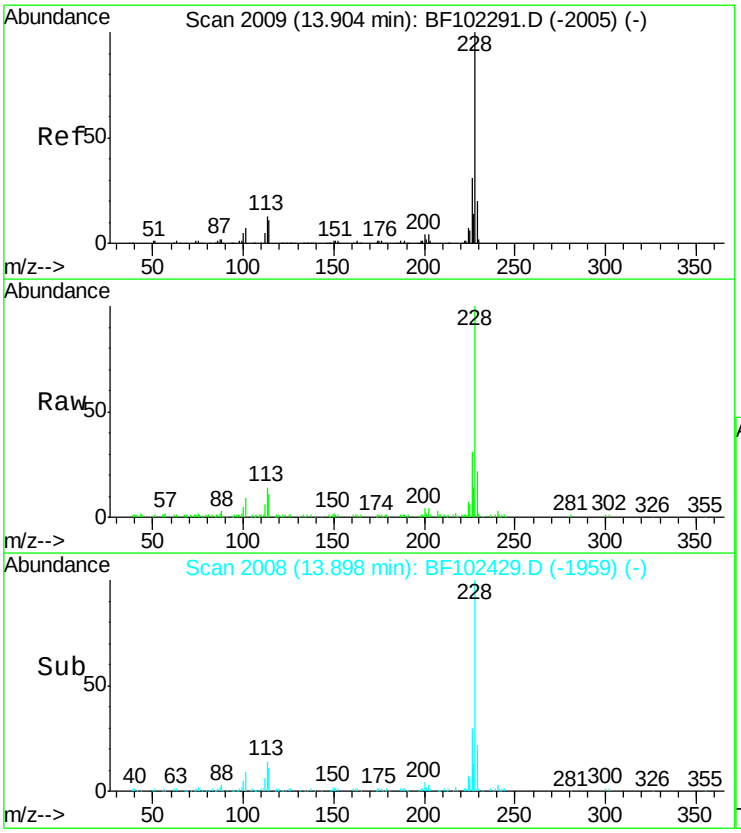
#80
Benzo(a)anthracene
Concen: 6.297 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:228 Resp: 94879

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.6	33.8
229	22.2	15.8	23.6

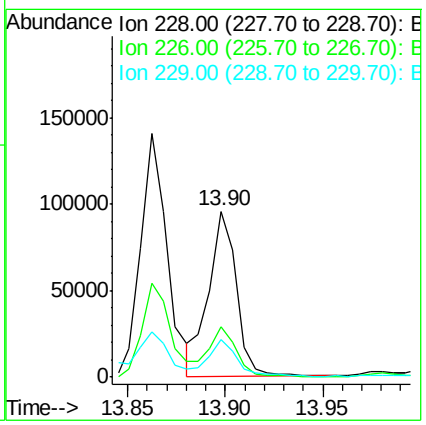


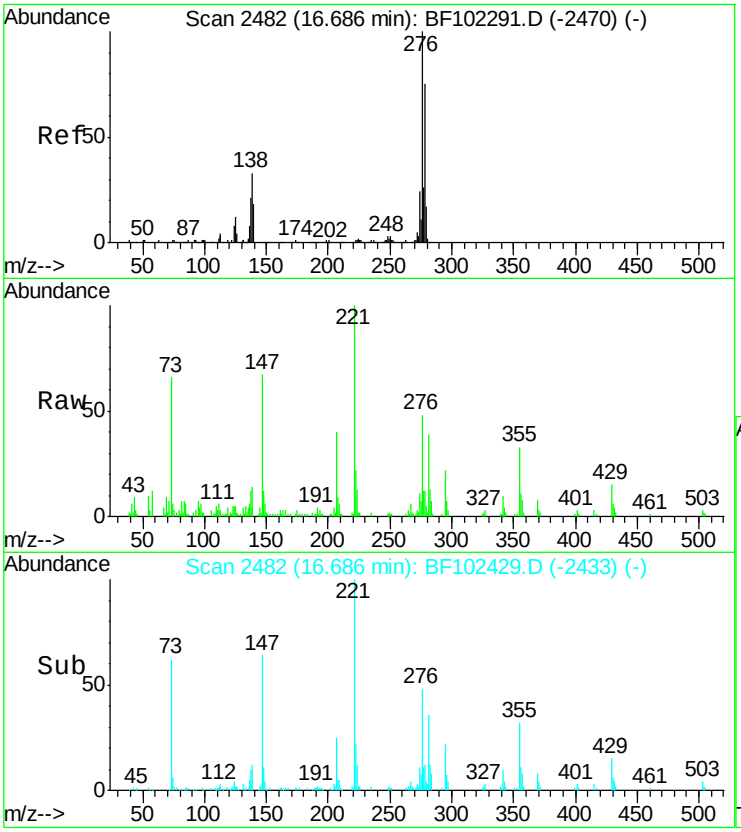


#82
Chrysene
Concen: 6.201 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:228 Resp: 94882

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	22.2	16.2	24.4



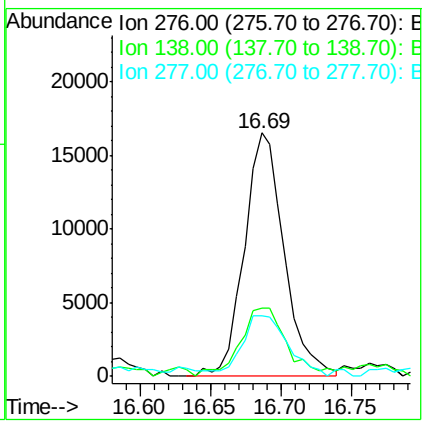


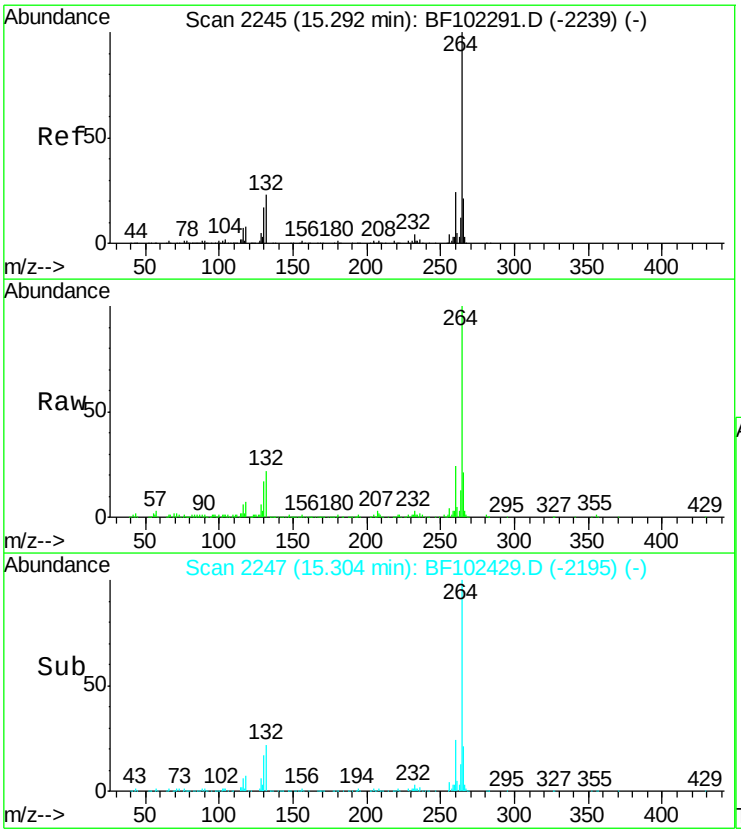
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.590 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:276 Resp: 32721

Ion	Ratio	Lower	Upper
276	100		
138	33.2	25.0	37.6
277	28.7	20.1	30.1

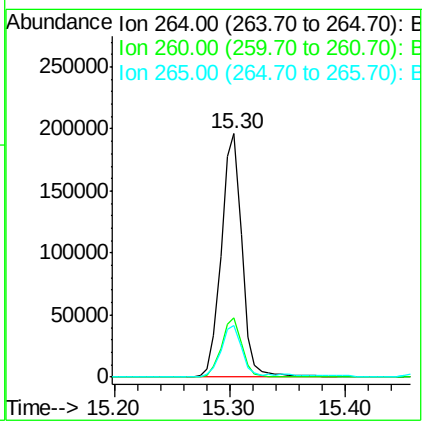


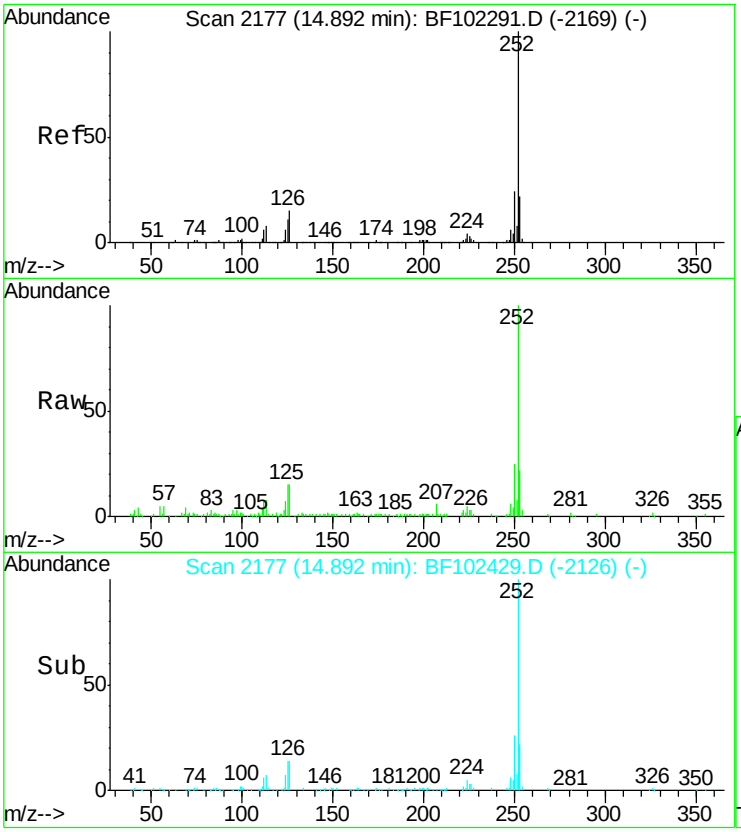


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:264 Resp: 242918

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.5	26.3



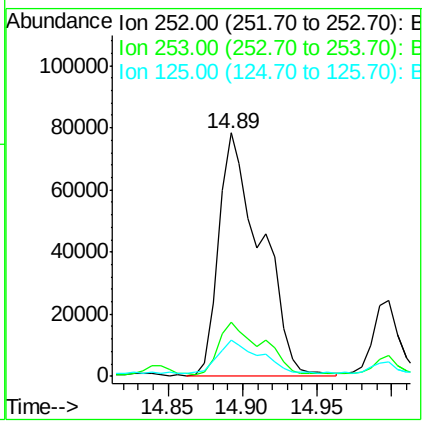


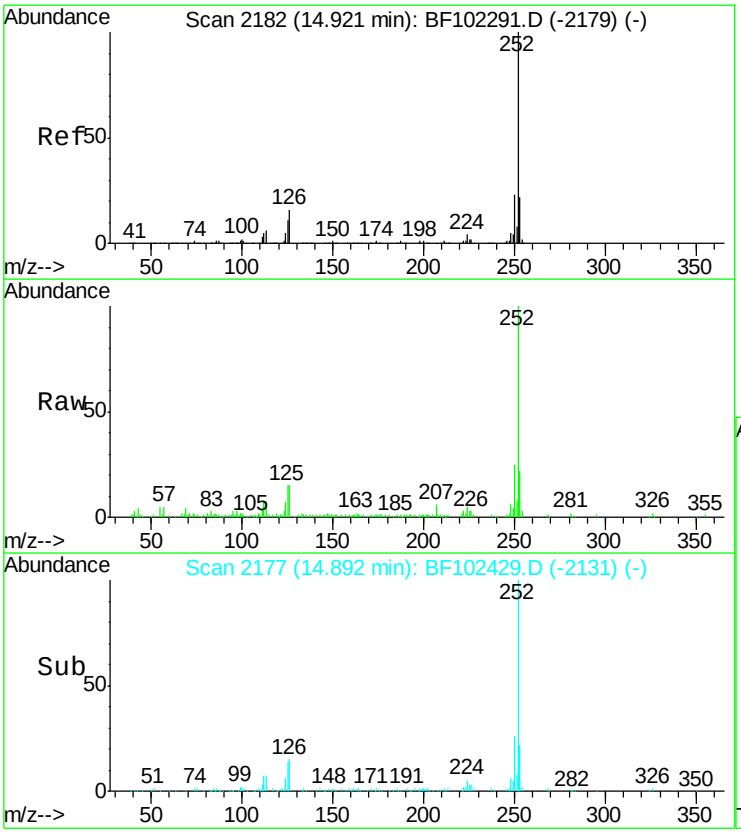
#87
Benzo(b)fluoranthene
Concen: 9.726 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:252 Resp: 153141

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	15.0	9.0	13.6#

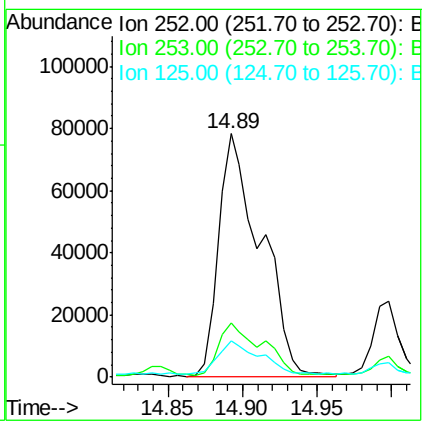


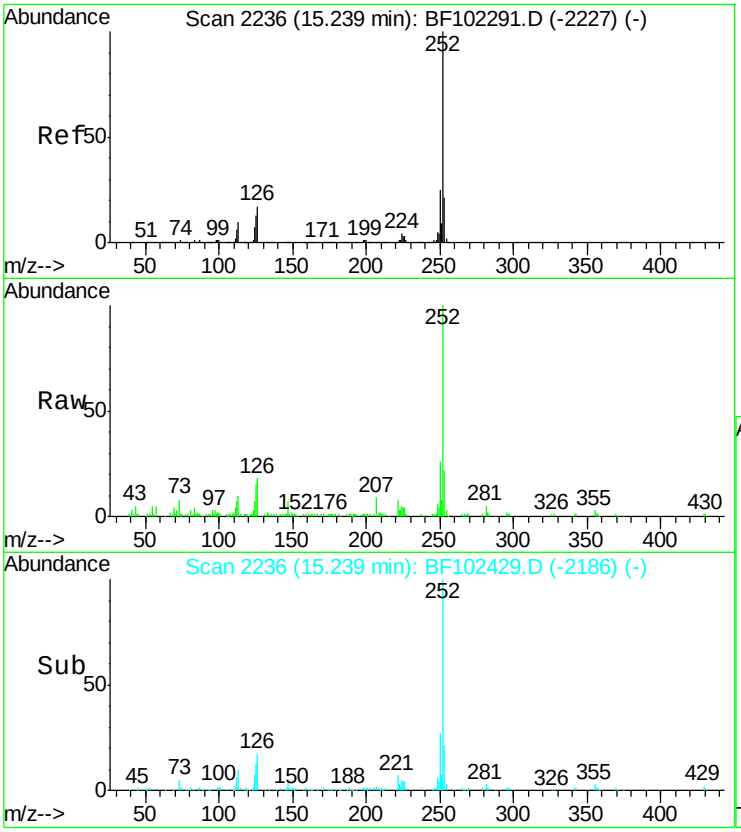


#88
Benzo(k)fluoranthene
Concen: 10.295 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:252 Resp: 153141

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.0	10.2	15.2



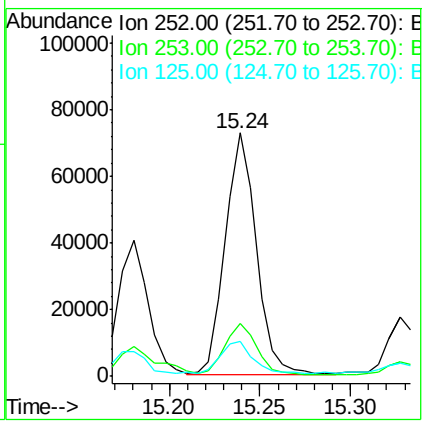


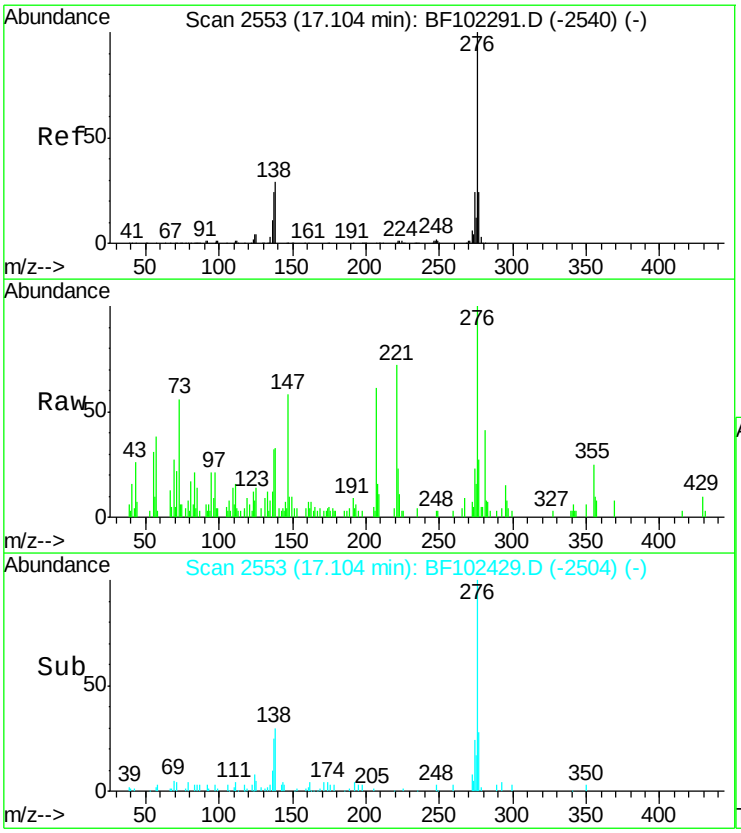
#89
Benzo(a)pyrene
Concen: 6.110 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-S-8DL

Tgt Ion:252 Resp: 86755

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.5	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.524 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF102429.D
Acq: 25 Jan 2018 16:34

Tgt Ion:276 Resp: 28670

Ion	Ratio	Lower	Upper
276	100		
277	27.1	17.9	26.9#
138	33.2	21.8	32.8#