Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
Data File : BF102428.D
Acq On : 25 Jan 2018 16:07
Operator : SJ/JU
Sample : J1308-02DL 250X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 25 17:16:52 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	120617	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	495055	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	196851	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	292151	20.00	ng		0.00
75) Chrysene-d12	13.87	240	236553	20.00	ng		0.00
86) Perylene-d12	15.30	264	212603	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	0.00	82	0	0.00	ng		
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.07	172	741	0.06	ng		0.00
78) Terphenyl-d14	12.82	244	1043	0.10	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	8.02	128	1046544	42.340	ng		99
33) 4-Chloroaniline	8.02	127	136611	13.143	ng	#	33
37) 2-Methylnaphthalene	8.71	142	176713	10.735	ng		98
45) 1,1'-Biphenyl	9.17	154	41240	2.343	ng		95
48) Acenaphthylene	9.61	152	51409	2.412	ng		100
49) Dimethylphthalate	9.75	163	51950	3.193	ng	#	1
50) 2,6-Dinitrotoluene	9.75	165	28216	8.043	ng	#	26
51) Acenaphthene	9.78	154	186791	15.005	ng		98
54) Dibenzofuran	9.96	168	175462	10.415	ng		98
55) 4-Nitrophenol	9.96	139	66166	24.154	ng	#	10
57) Fluorene	10.30	166	207666	15.555	ng		99
70) Phenanthrene	11.26	178	600328	35.263	ng		98
71) Anthracene	11.31	178	192624	11.085	ng		98
72) Carbazole	11.47	167	50425	2.975	ng		97
74) Fluoranthene	12.45	202	372136	21.436	ng		95
77) Pyrene	12.67	202	270278	14.778	ng		99
80) Benzo(a)anthracene	13.90	228	103731	7.123	ng		95
82) Chrysene	13.90	228	103731	7.014	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	36533	2.991	ng	#	92
87) Benzo(b)fluoranthene	14.89	252	166817	12.106	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	166817	12.813	ng		98
89) Benzo(a)pyrene	15.24	252	79478	6.395	ng		98
91) Benzo(g,h,i)perylene	17.10	276	29592	2.977	ng		92

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

Quantitation Report (Not Reviewed)

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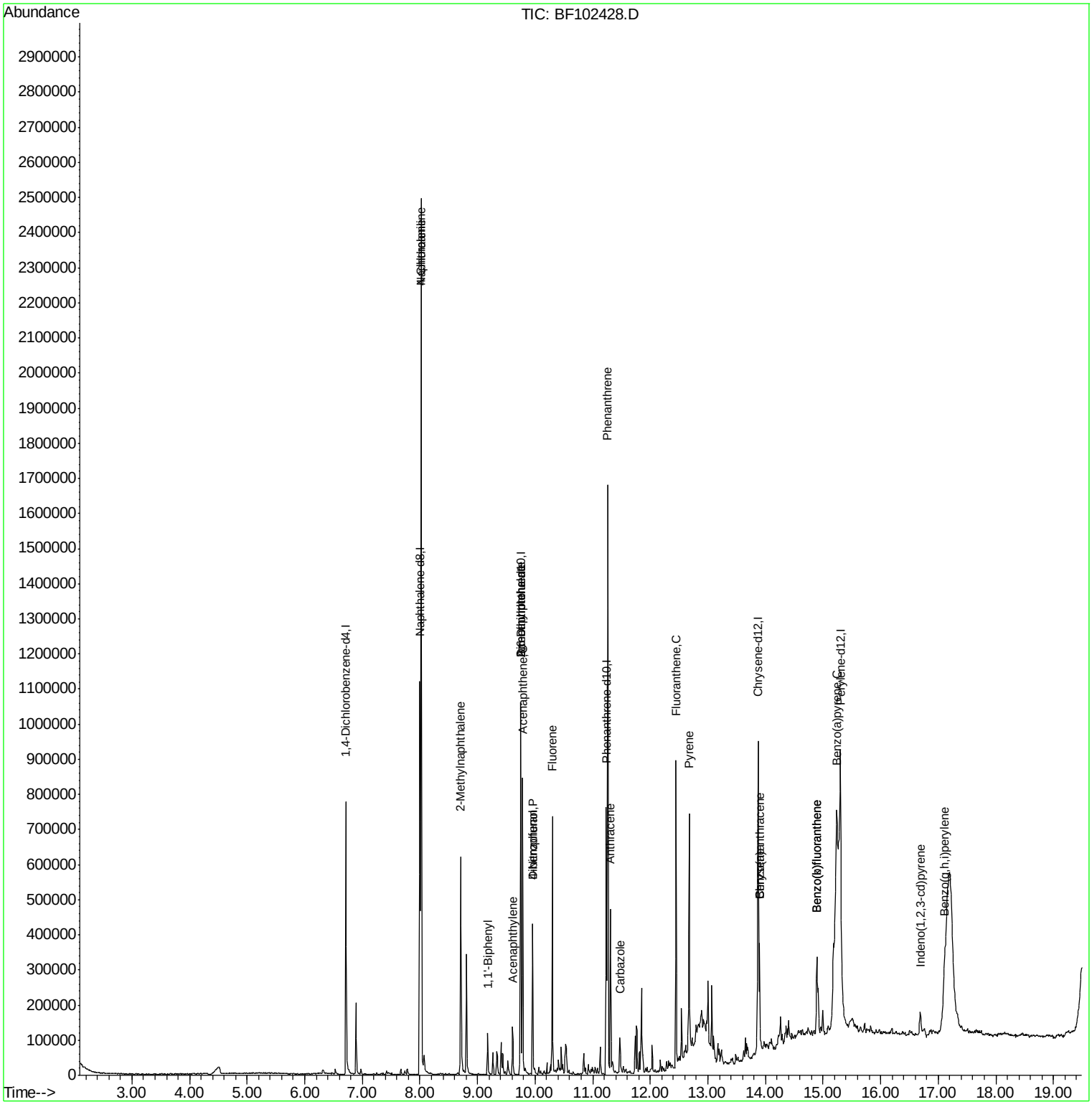
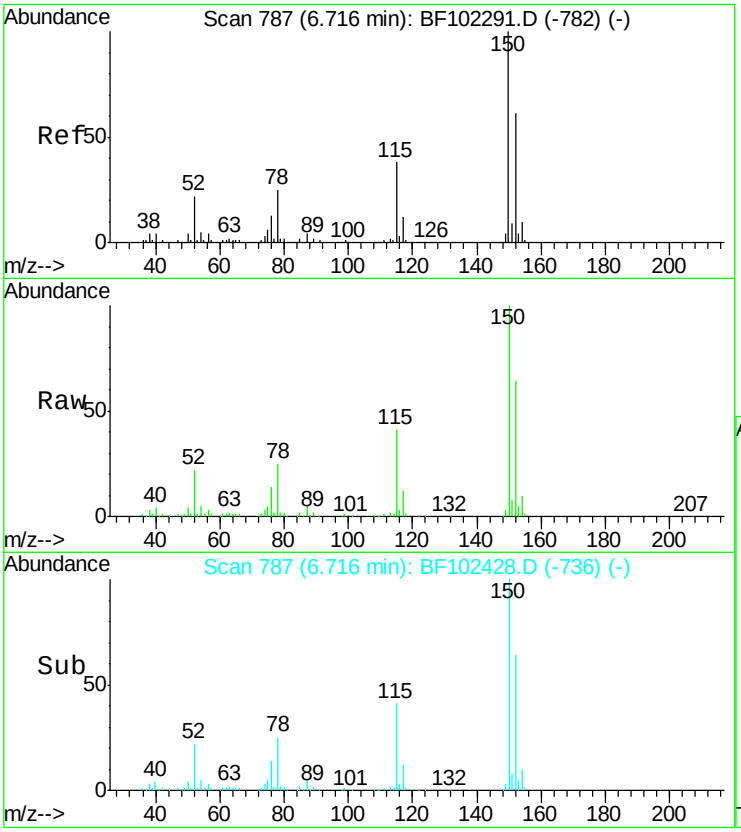
Data File : BF102428.D
Acq On : 25 Jan 2018 16:07
Operator : SJ/JU
Sample : J1308-02DL 250X
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 25 17:16:52 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



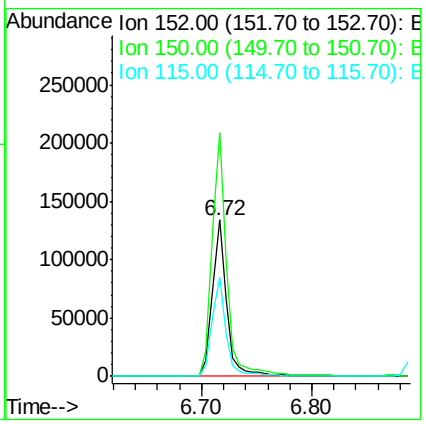


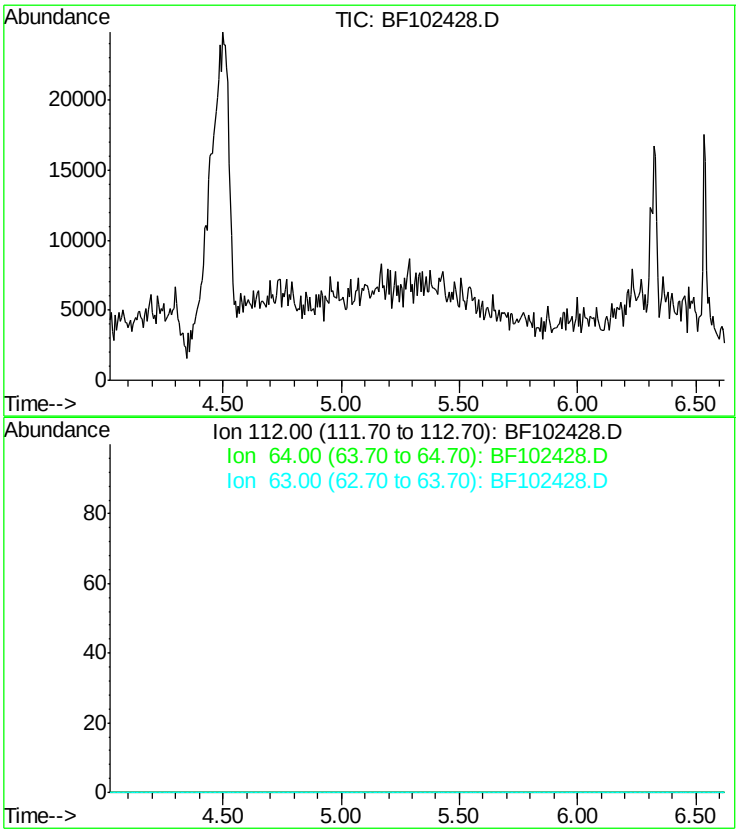
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:152 Resp: 120617

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	63.2	50.1	75.1



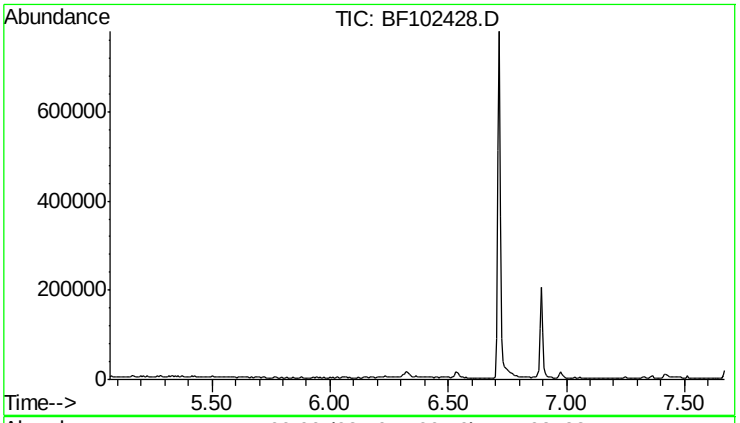


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.32 min

Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	59.9
63	29.6



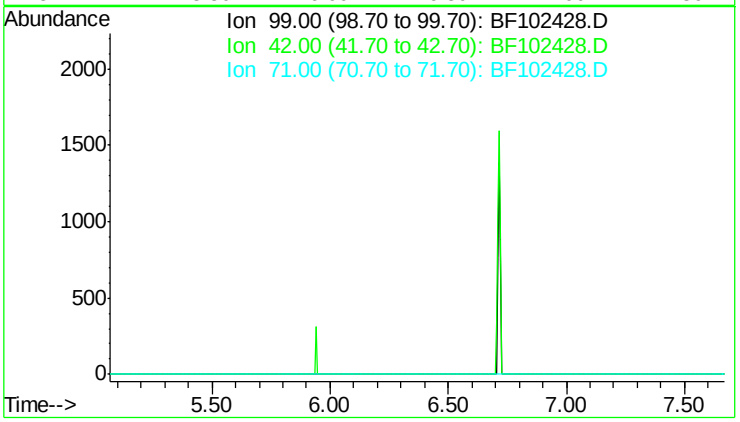
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.37 min

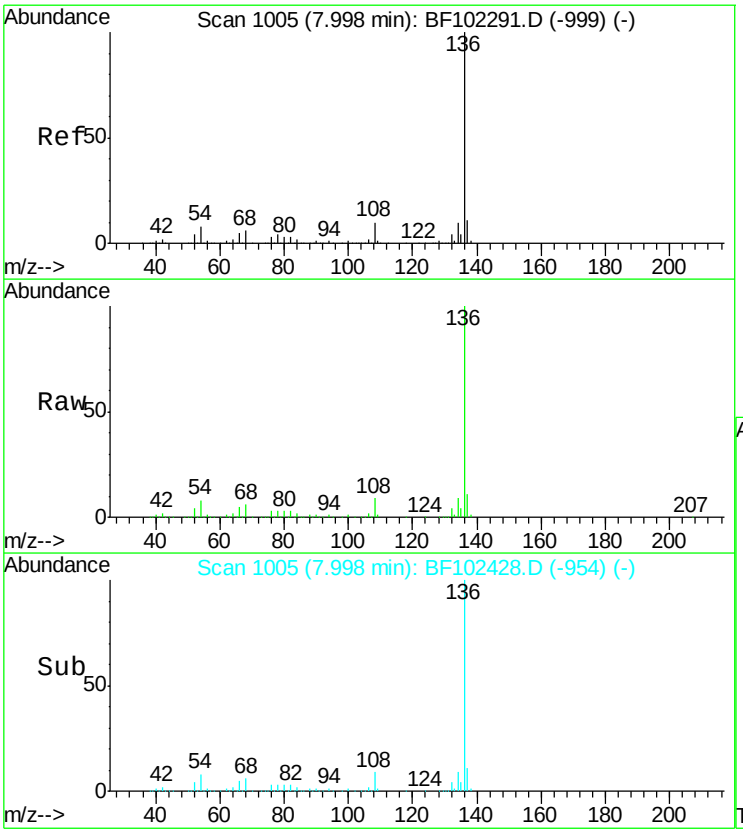
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	18.1
71	31.7

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

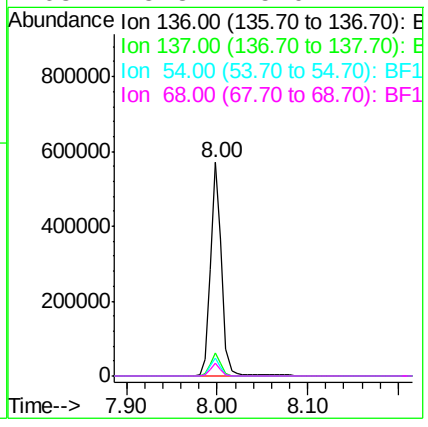


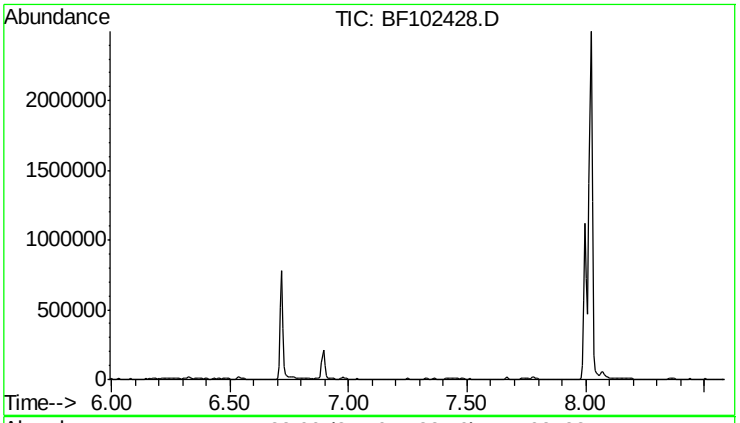


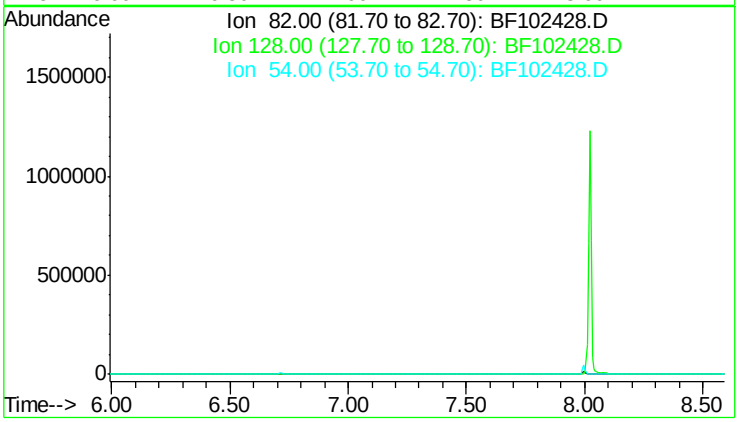
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:136 Resp: 495055

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	5.8	5.0	7.4







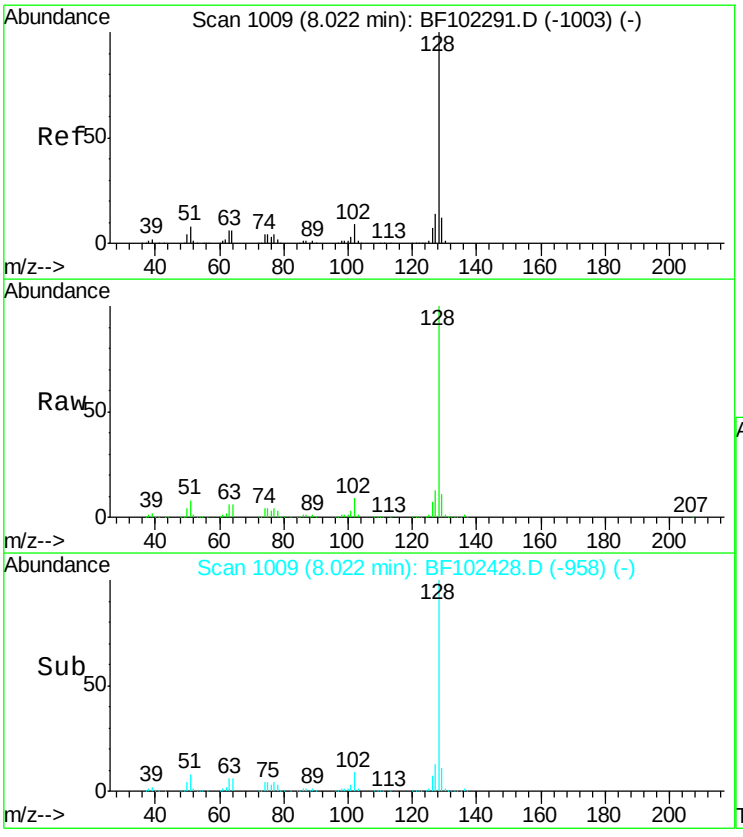
#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 7.29 min

Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	45.1
54	51.8

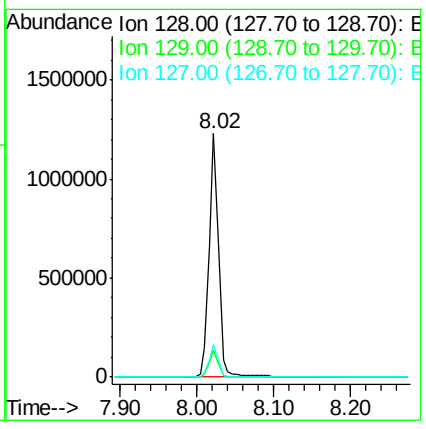
Instrument :
BNA_F
ClientSampleId :
A2-SB70-E-N-8DL

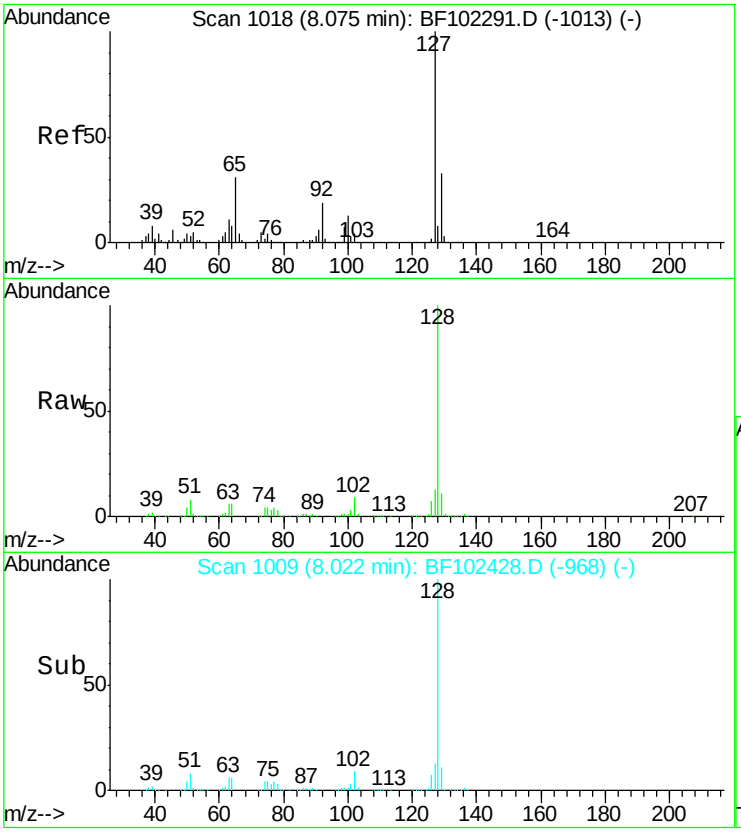


#31
Naphthalene
Concen: 42.340 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:128 Resp: 1046544

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



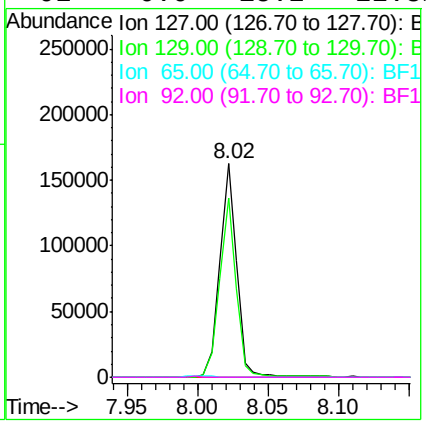


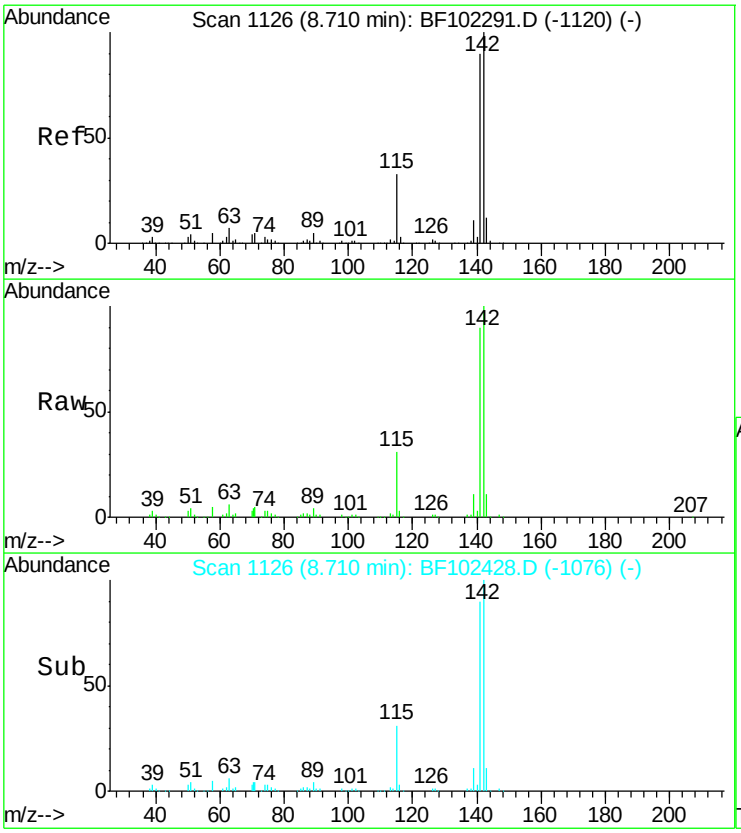
#33
4-Chloroaniline
Concen: 13.143 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:127 Resp: 136611

Ion	Ratio	Lower	Upper
127	100		
129	84.2	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

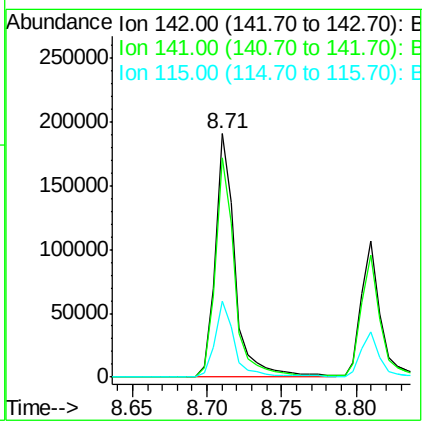


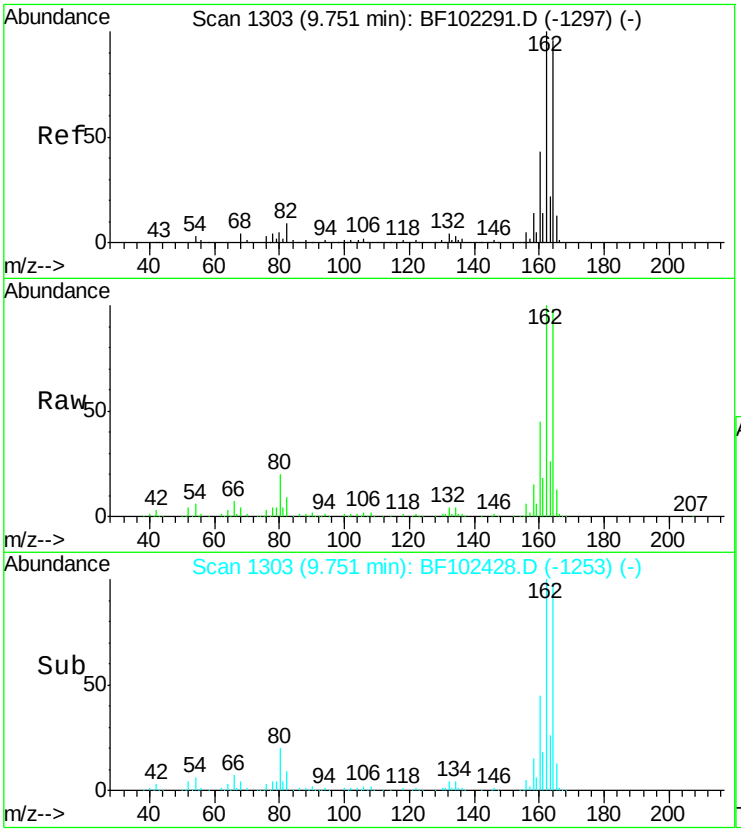


#37
2-Methylnaphthalene
Concen: 10.735 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:142 Resp: 176713

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	31.2	26.1	39.1



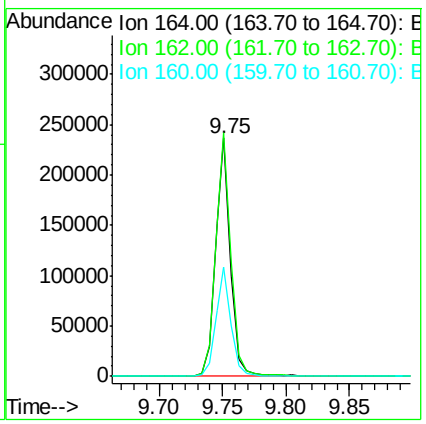


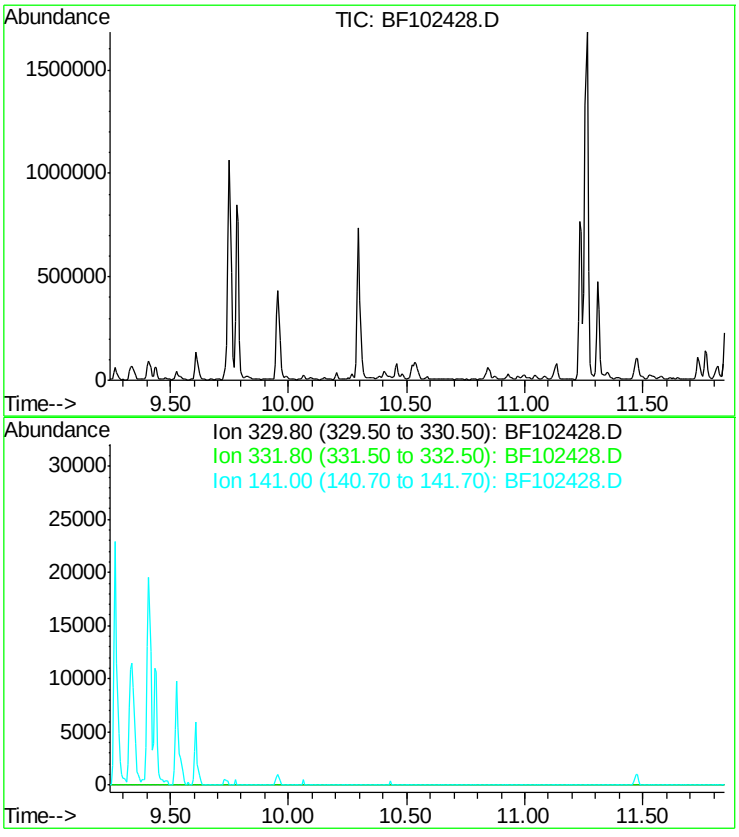
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:164 Resp: 196851

Ion	Ratio	Lower	Upper
164	100		
162	102.3	86.1	129.1
160	45.8	38.3	57.5



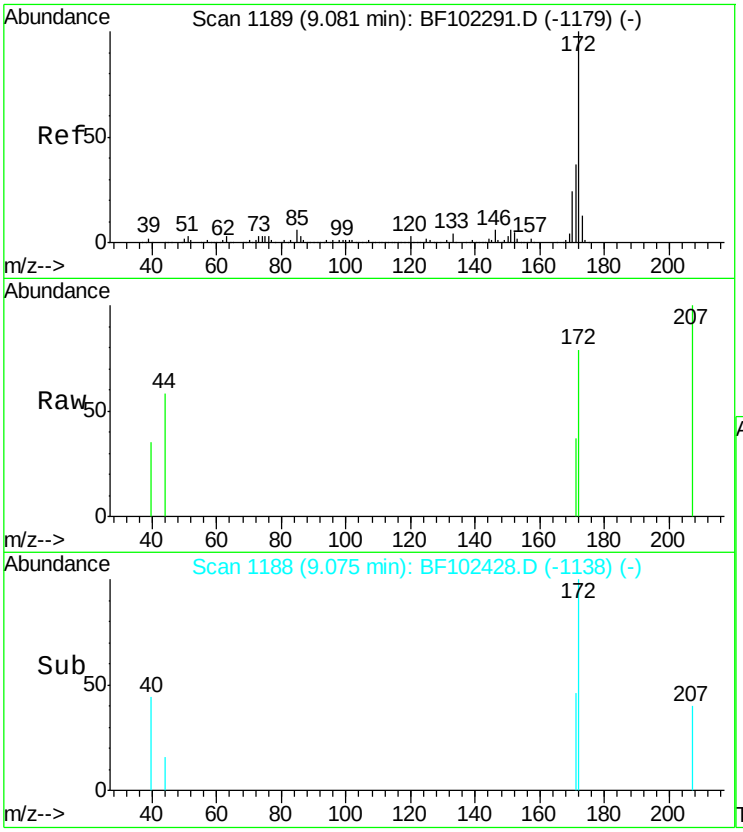


#41
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.55 min

Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.3
141	37.4

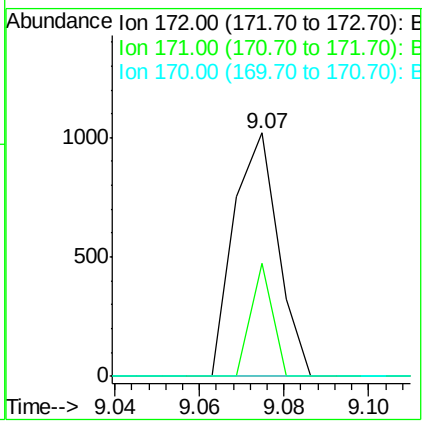


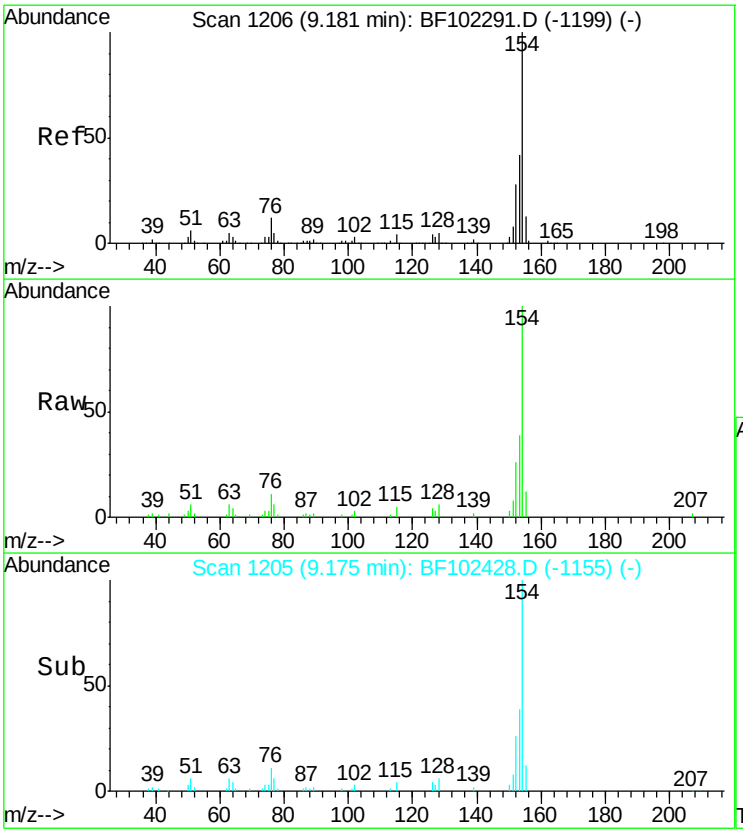
#44
2-Fluorobiphenyl
Concen: 0.055 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:172 Resp: 741

Ion	Ratio	Lower	Upper
172	100		
171	46.3	29.7	44.5#
170	0.0	19.6	29.4#

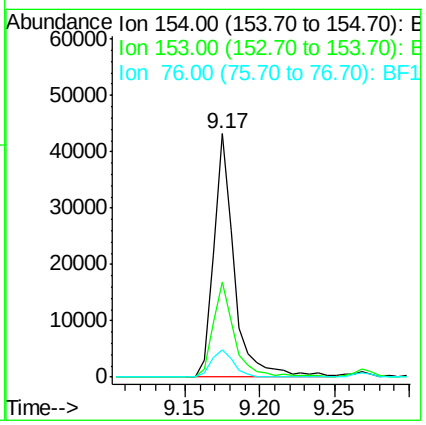


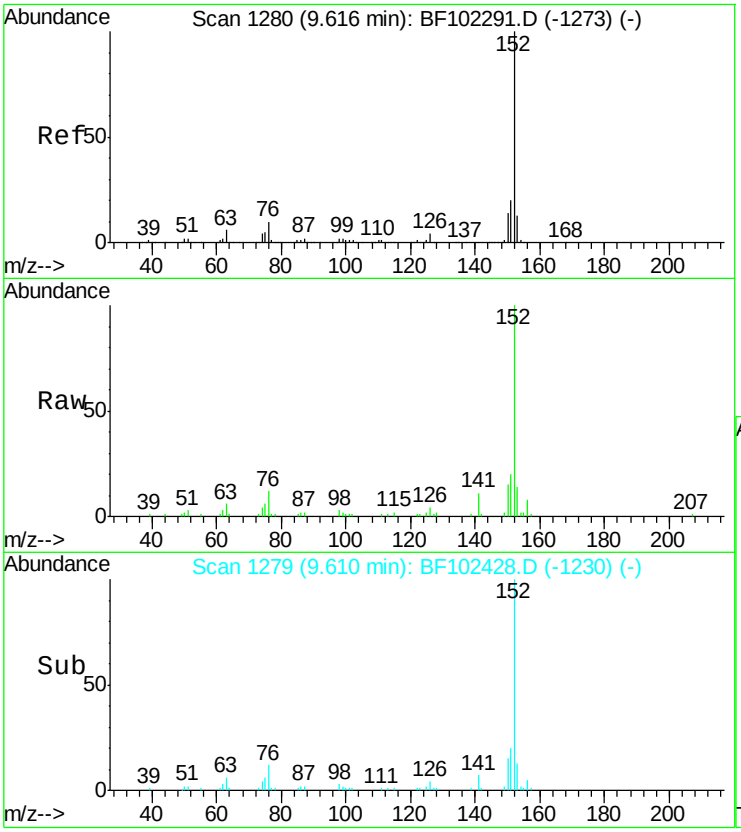


#45
1,1'-Biphenyl
Concen: 2.343 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:154 Resp: 41240

Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.3	61.3
76	11.1	0.0	34.0



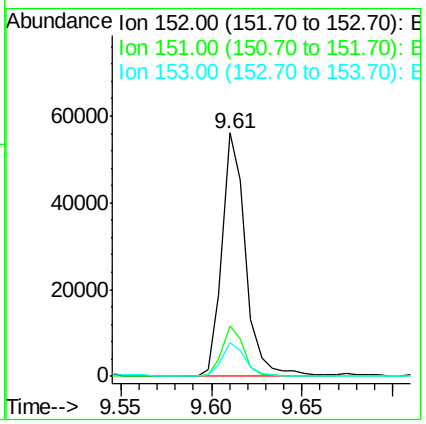


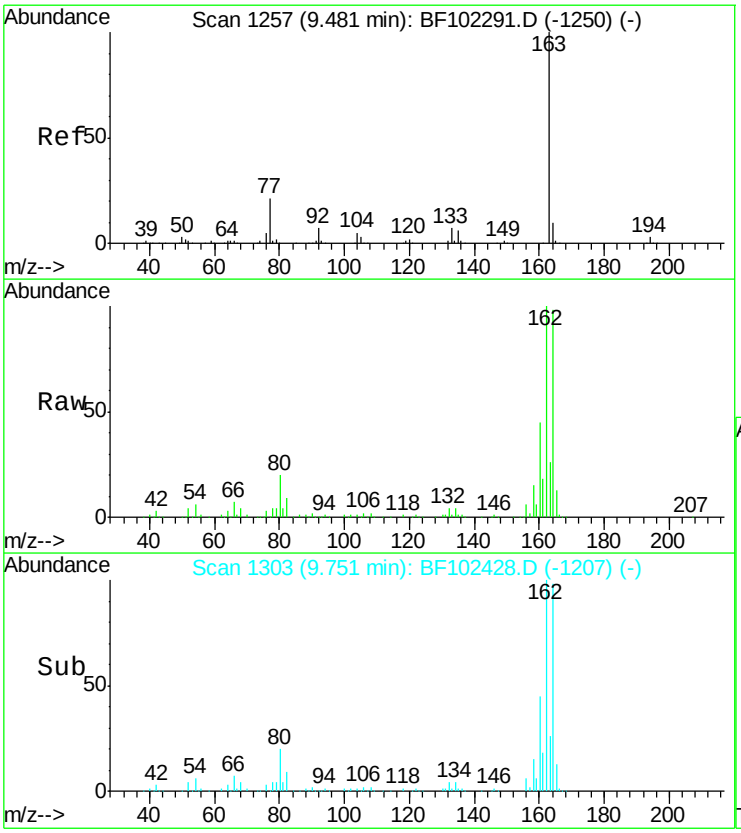
#48
Acenaphthylene
Concen: 2.412 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:152 Resp: 51409

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.7	10.7	16.1

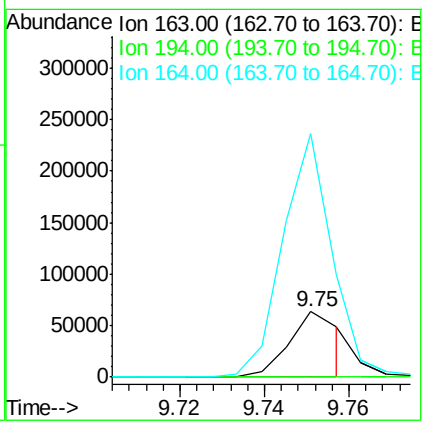


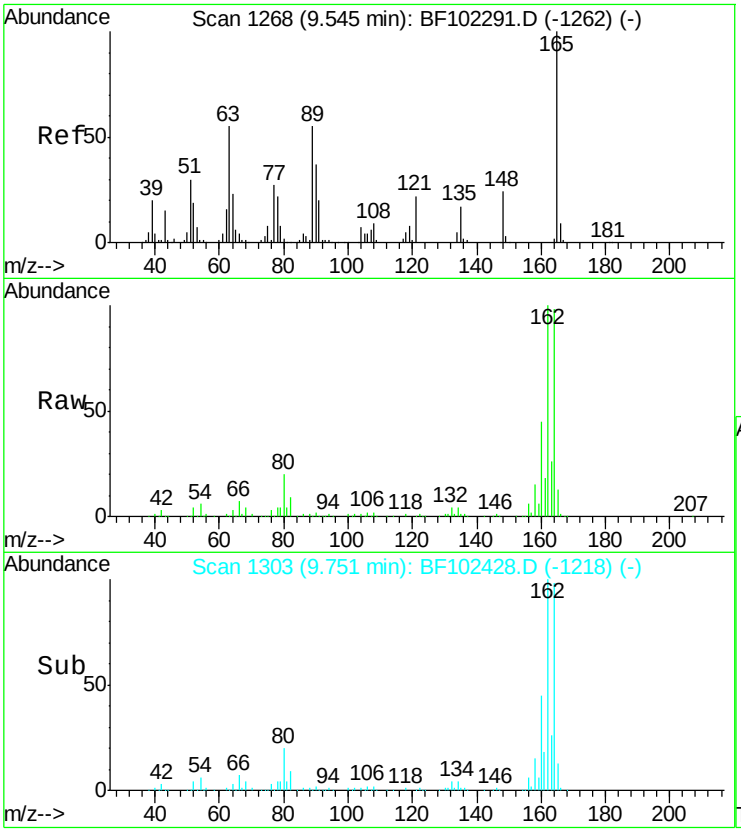


#49
Dimethylphthalate
Concen: 3.193 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.26 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:163 Resp: 51950

Ion	Ratio	Lower	Upper
163	100		
194	0.0	2.7	4.1#
164	373.2	8.2	12.2#



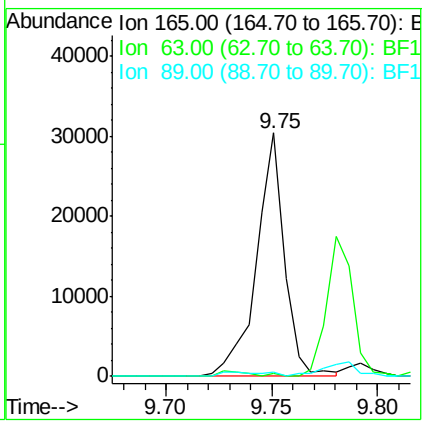


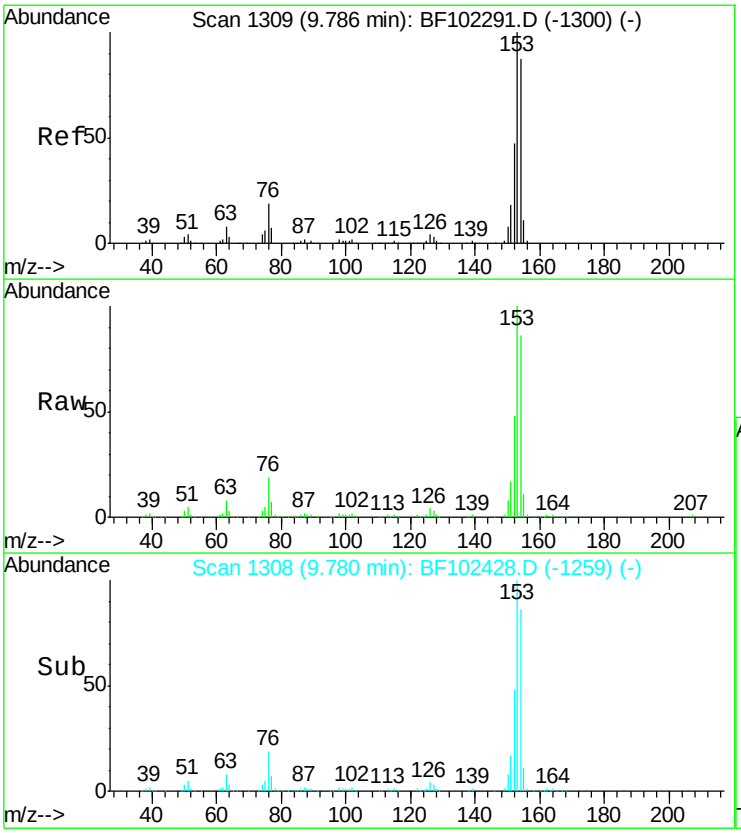
#50
2,6-Dinitrotoluene
Concen: 8.043 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.20 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:165 Resp: 28216

Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.5	44.0	66.0#

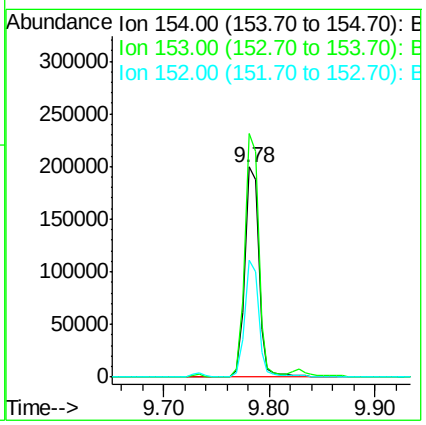


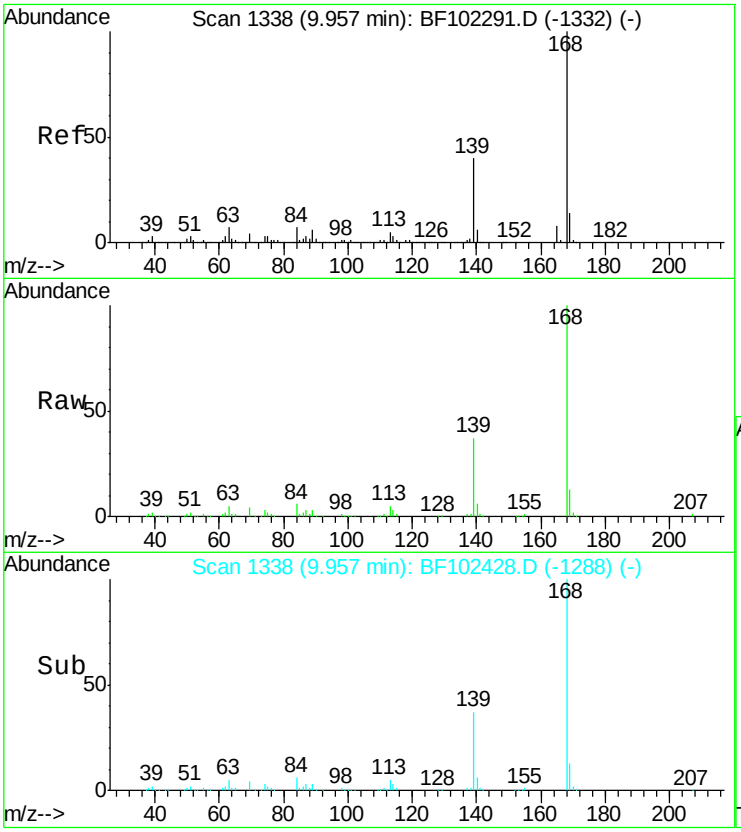


#51
Acenaphthene
Concen: 15.005 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:154 Resp: 186791

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.2	136.8
152	55.6	43.8	65.8



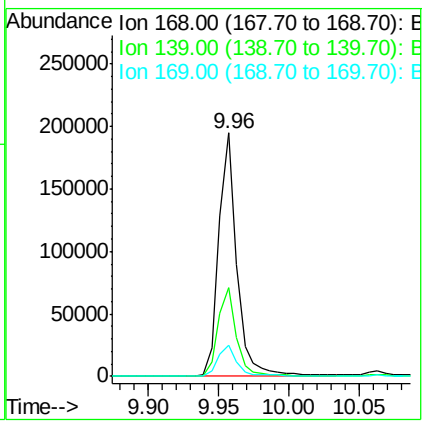


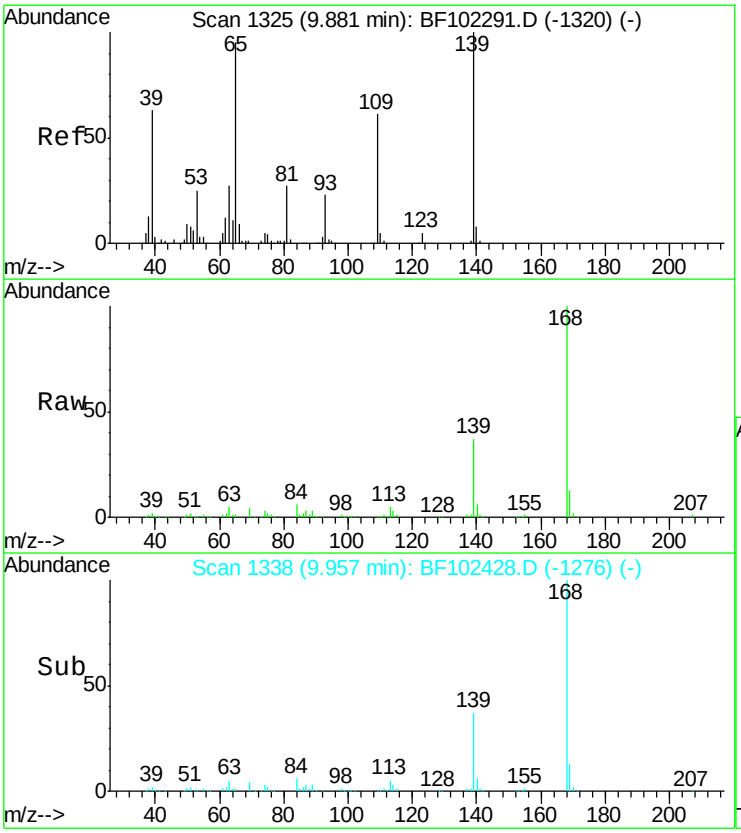
#54
Dibenzofuran
Concen: 10.415 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:168 Resp: 175462

Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.1	45.1
169	13.0	10.9	16.3

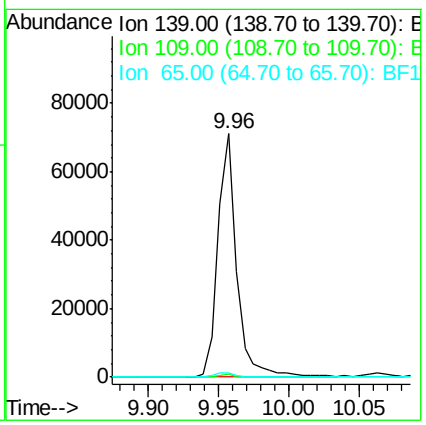


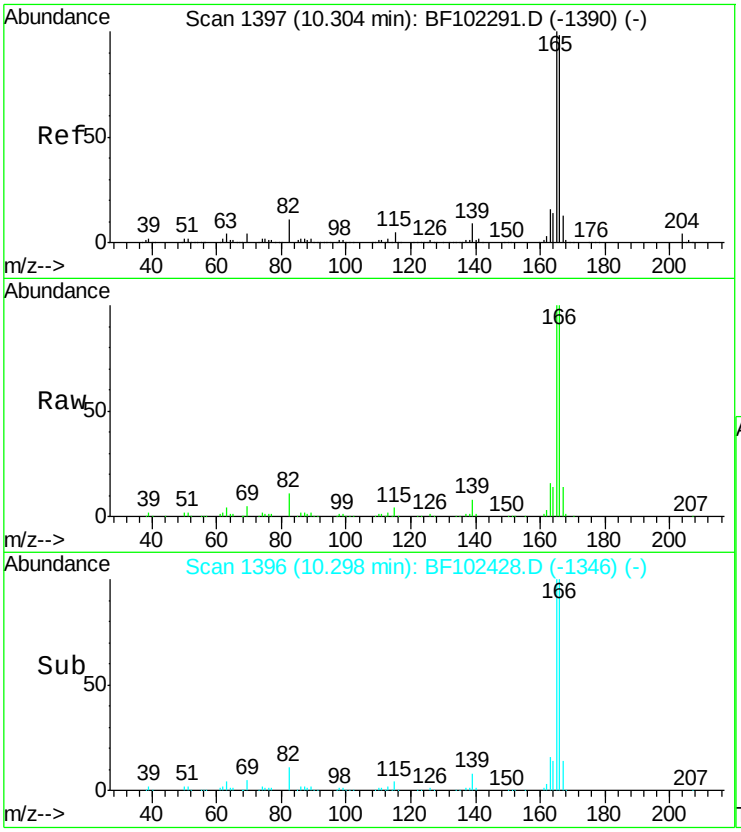


#55
4-Nitrophenol
Concen: 24.154 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.06 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:139 Resp: 66166

Ion	Ratio	Lower	Upper
139	100		
109	1.0	48.4	88.4#
65	1.5	72.6	112.6#



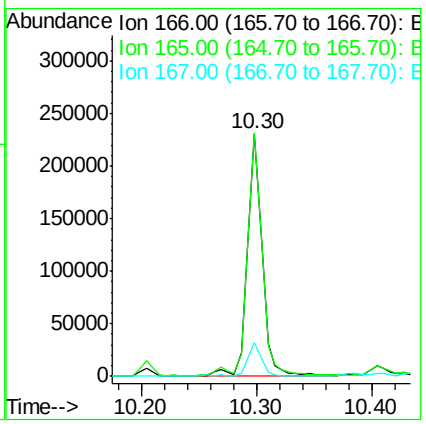


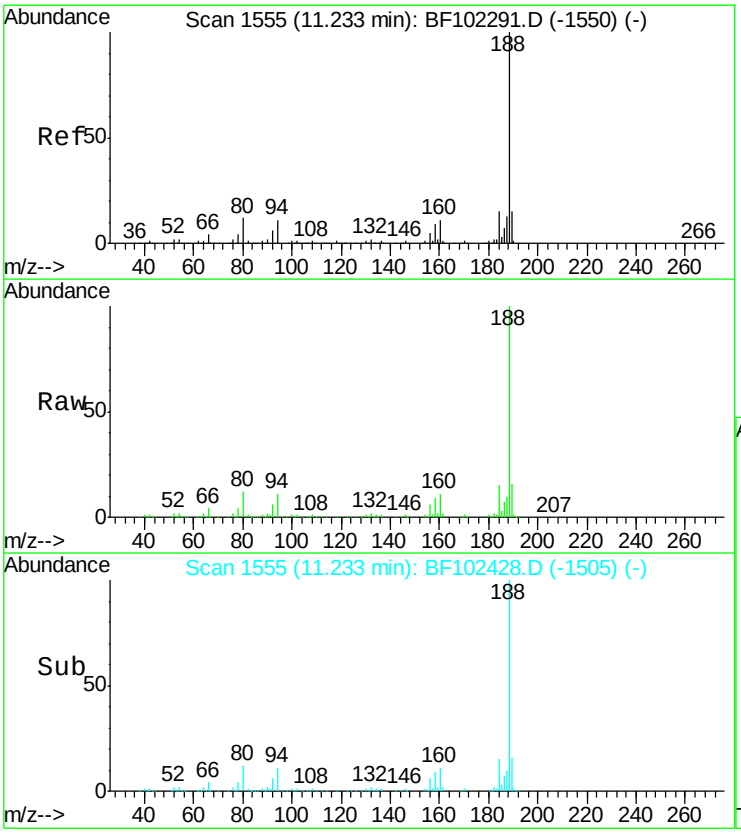
#57
Fluorene
Concen: 15.555 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:166 Resp: 207666

Ion	Ratio	Lower	Upper
166	100		
165	100.4	79.8	119.8
167	14.1	10.6	16.0

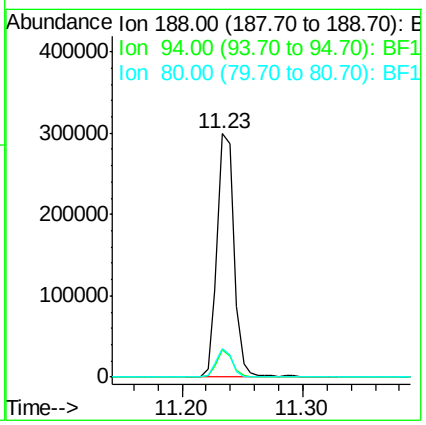


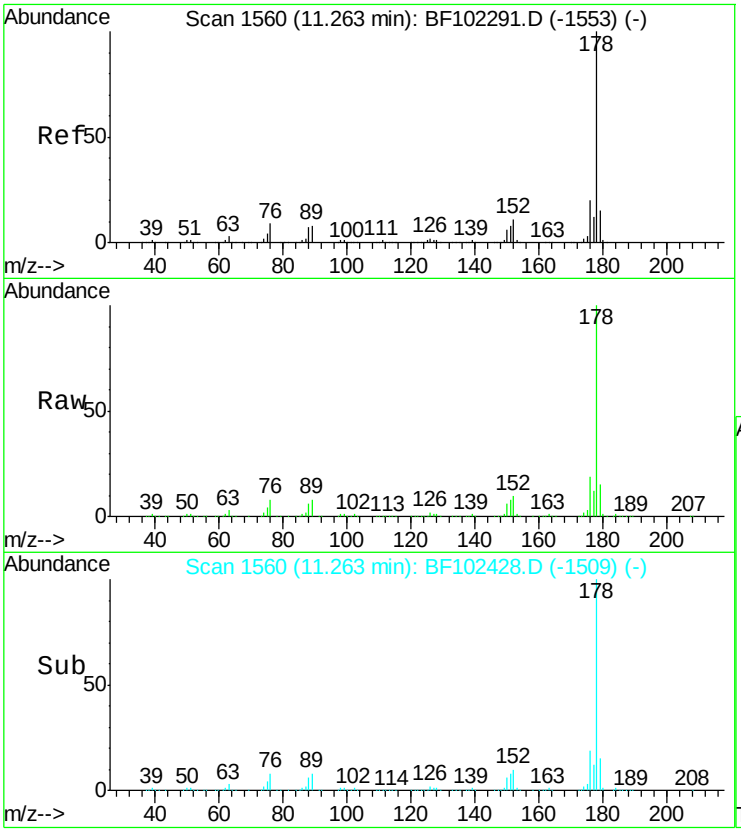


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:188 Resp: 292151

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	11.8	9.2	13.8



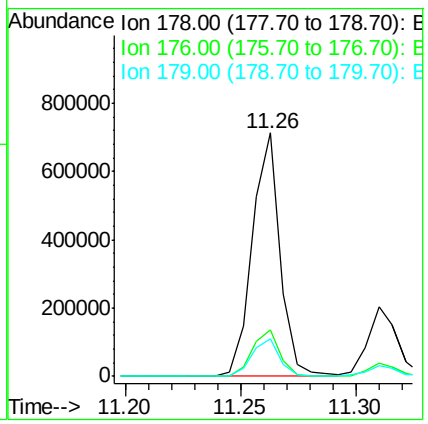


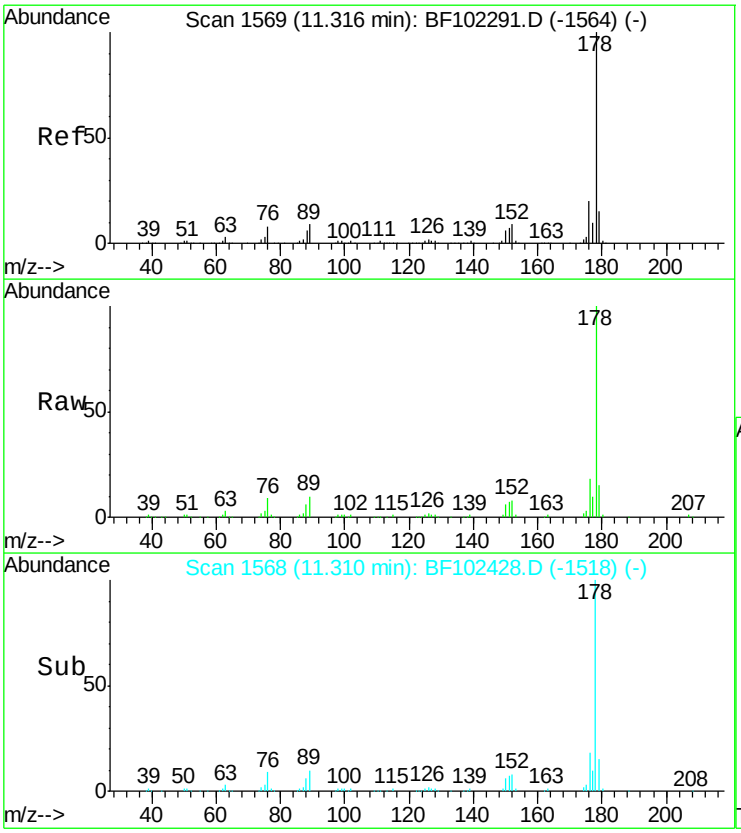
#70
Phenanthrene
Concen: 35.263 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:178 Resp: 600328

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.2	13.0	19.6

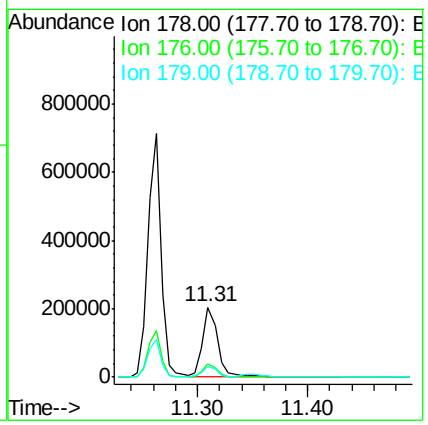


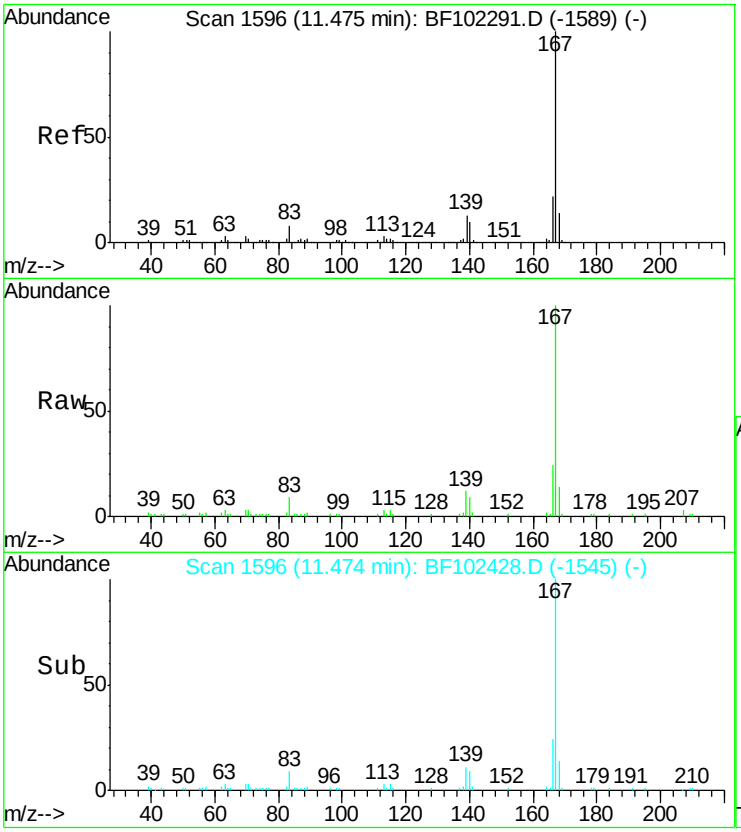


#71
Anthracene
Concen: 11.085 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:178 Resp: 192624

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.4	23.2
179	15.0	12.6	19.0



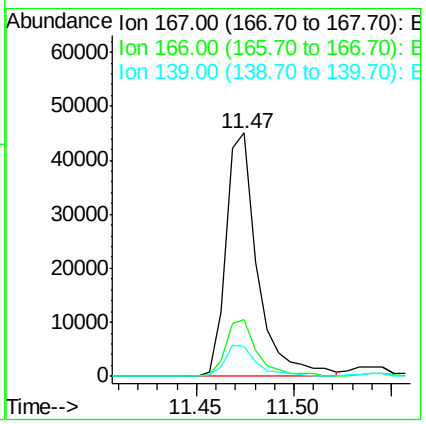


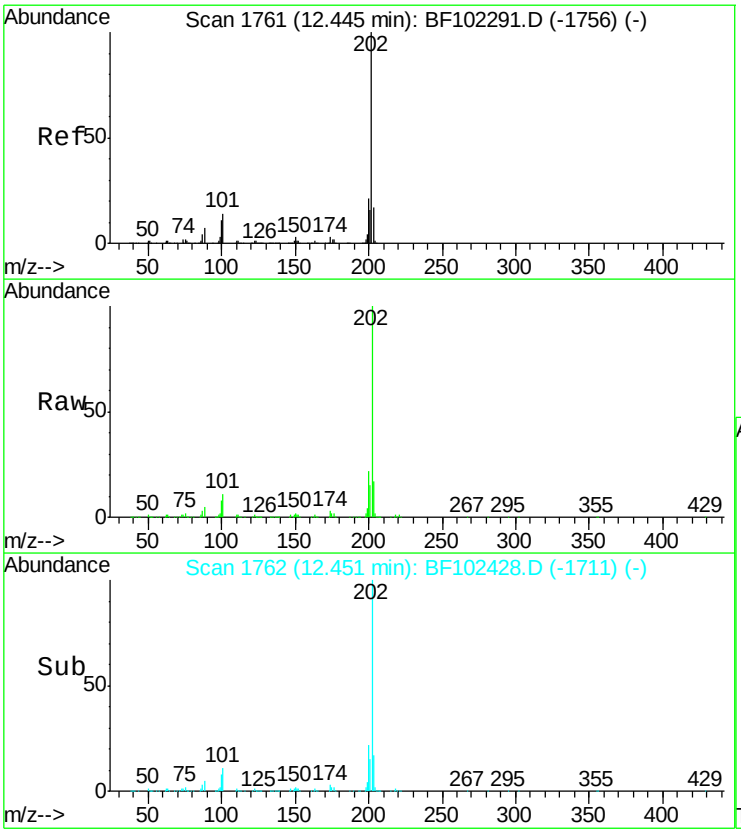
#72
Carbazole
Concen: 2.975 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:167 Resp: 50425

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.6	26.4
139	12.1	10.9	16.3

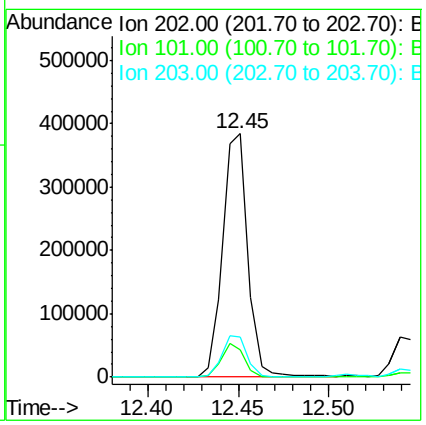


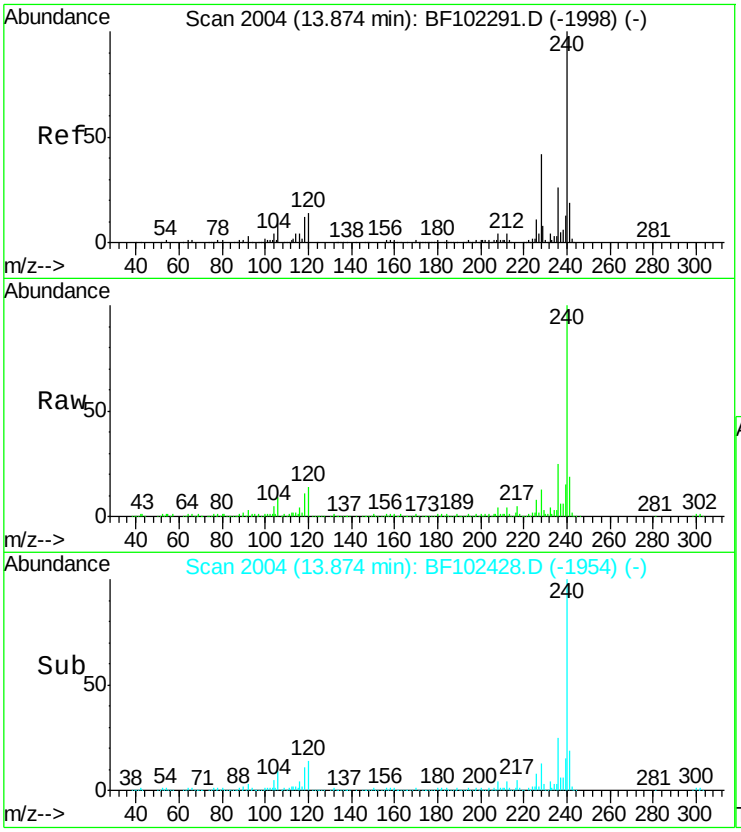


#74
Fluoranthene
Concen: 21.436 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:202 Resp: 372136

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.1
203	16.6	0.0	38.1



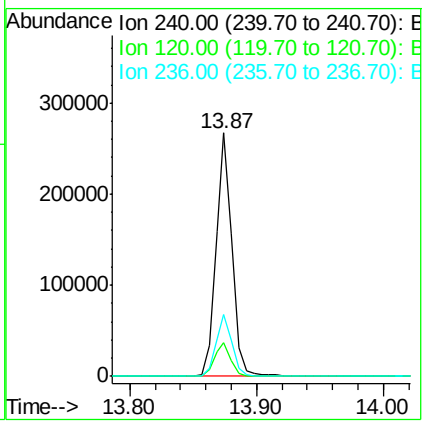


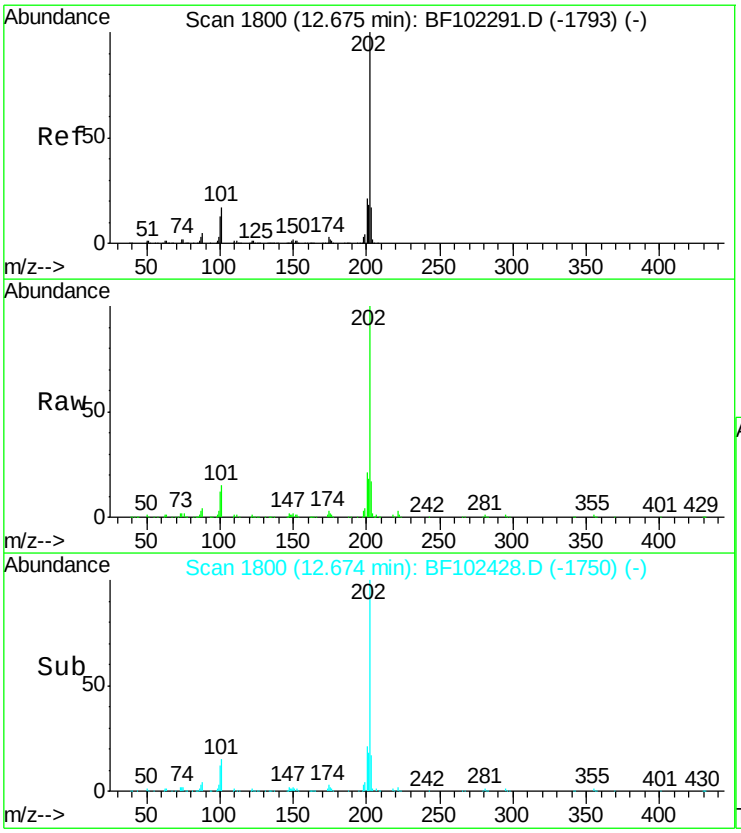
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:240 Resp: 236553

Ion	Ratio	Lower	Upper
240	100		
120	13.6	9.5	14.3
236	25.5	20.7	31.1

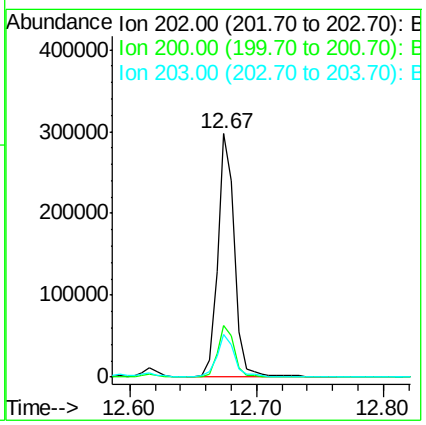


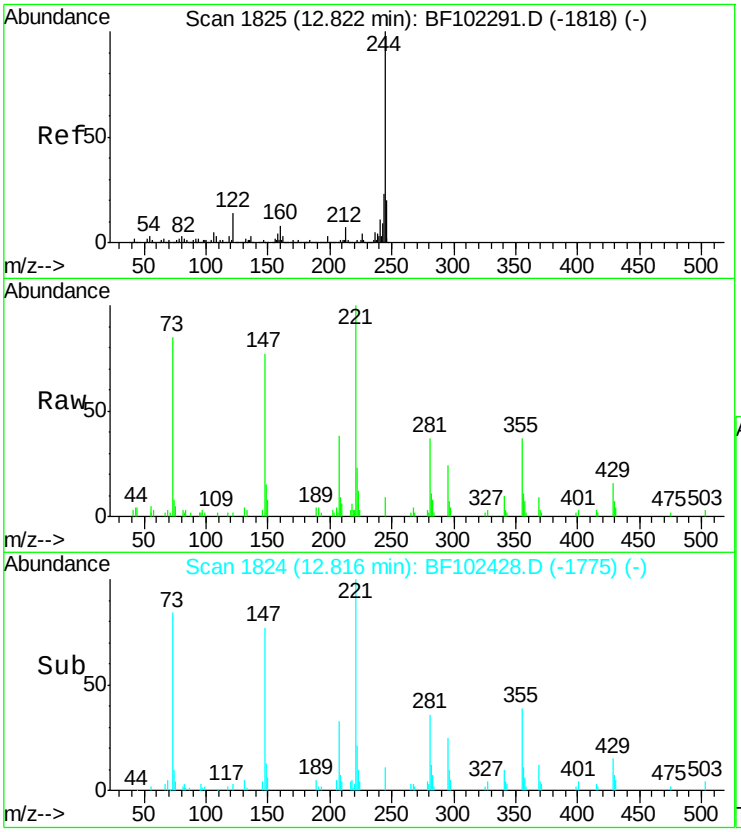


#77
Pyrene
Concen: 14.778 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:202 Resp: 270278

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.5	14.3	21.5



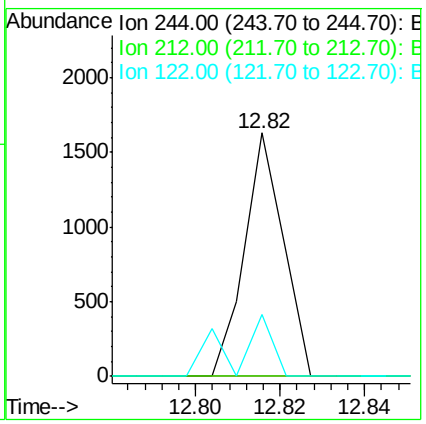


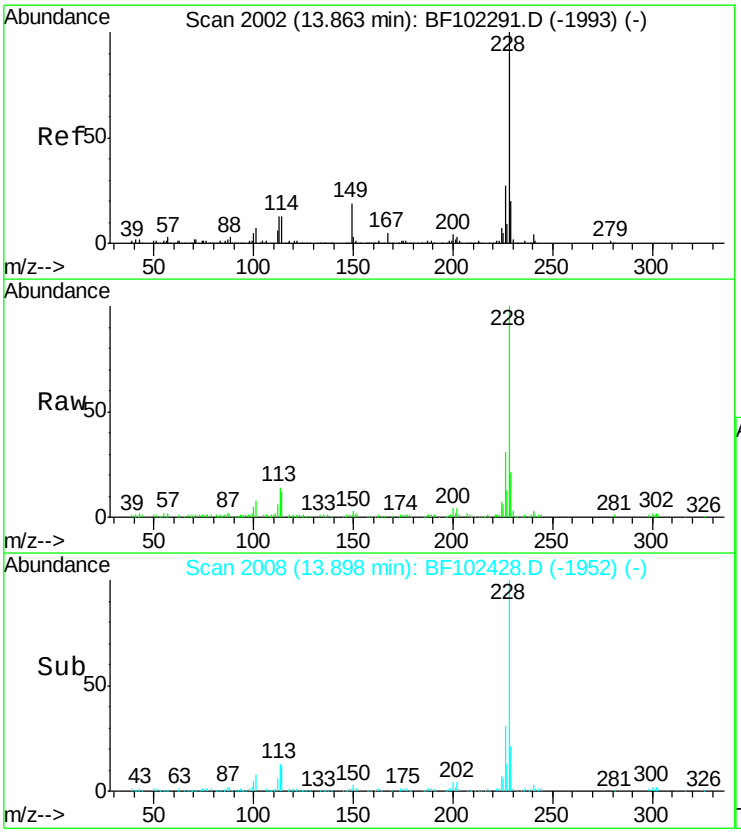
#78
Terphenyl-d14
Concen: 0.099 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:244 Resp: 1043

Ion	Ratio	Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	25.6	11.0	16.4#

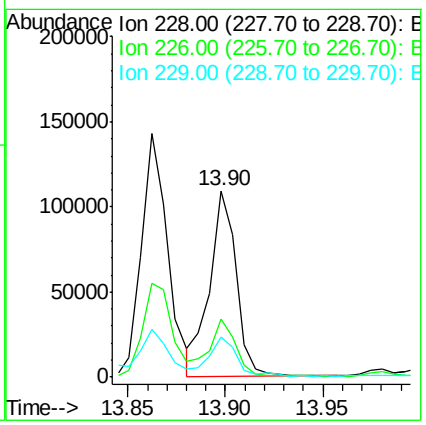


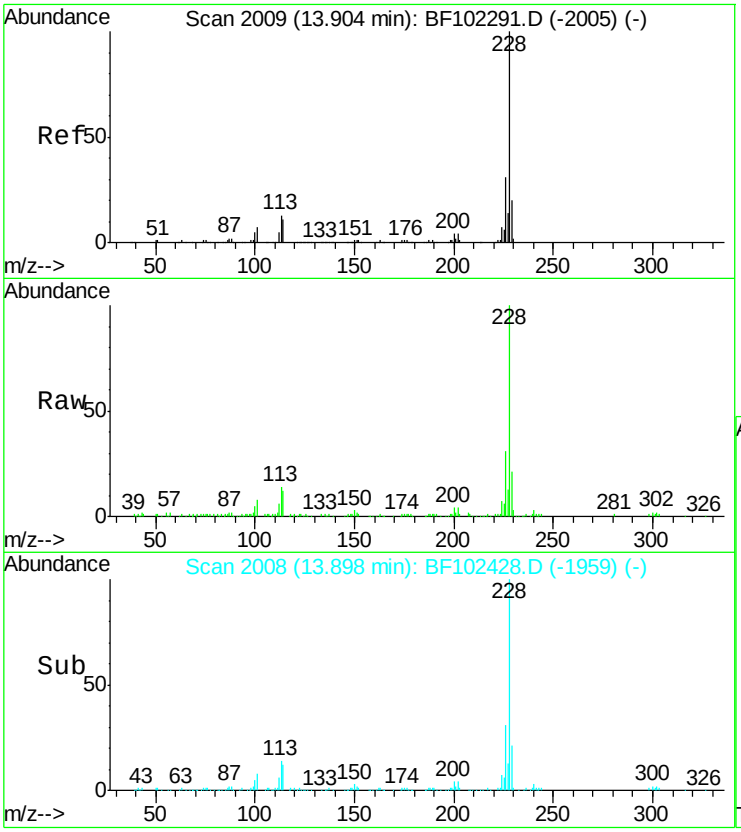


#80
Benzo(a)anthracene
Concen: 7.123 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.03 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:228 Resp: 103731

Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	21.5	15.8	23.6



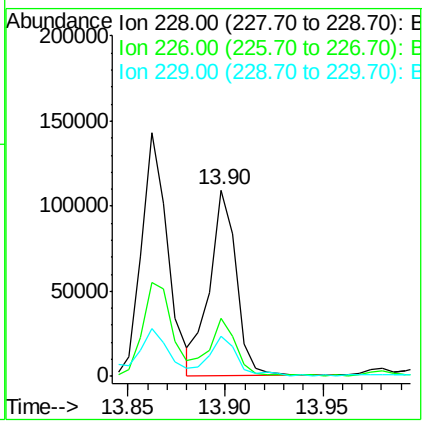


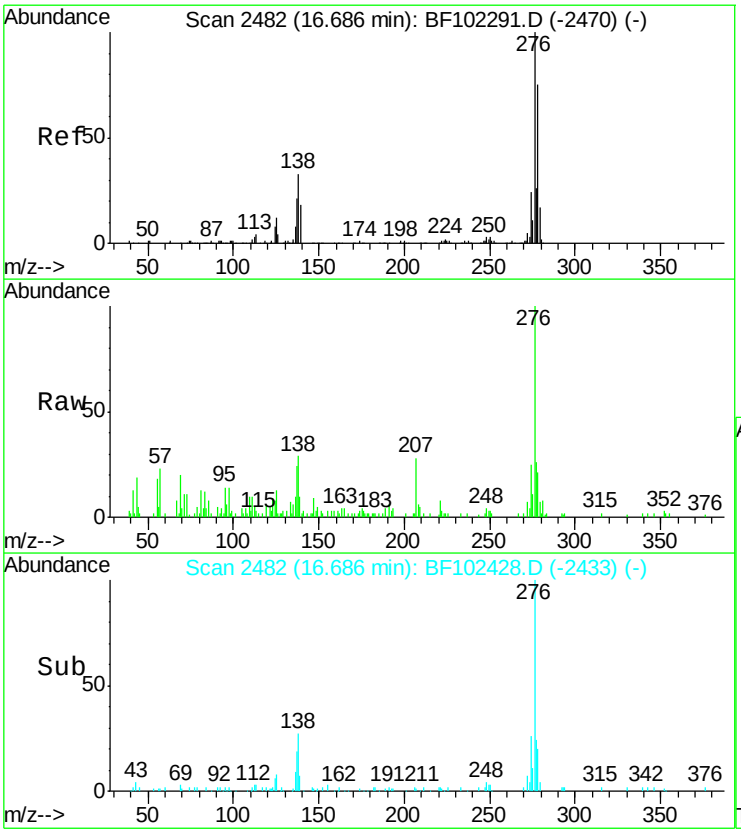
#82
Chrysene
Concen: 7.014 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:228 Resp: 103731

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	21.5	16.2	24.4

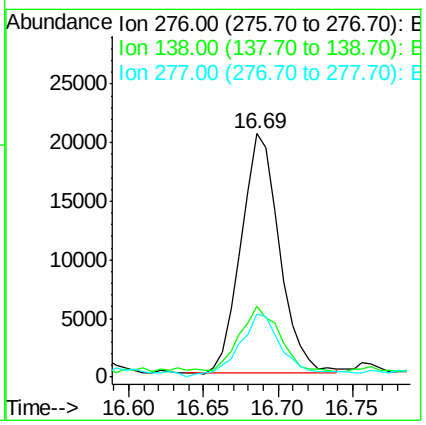


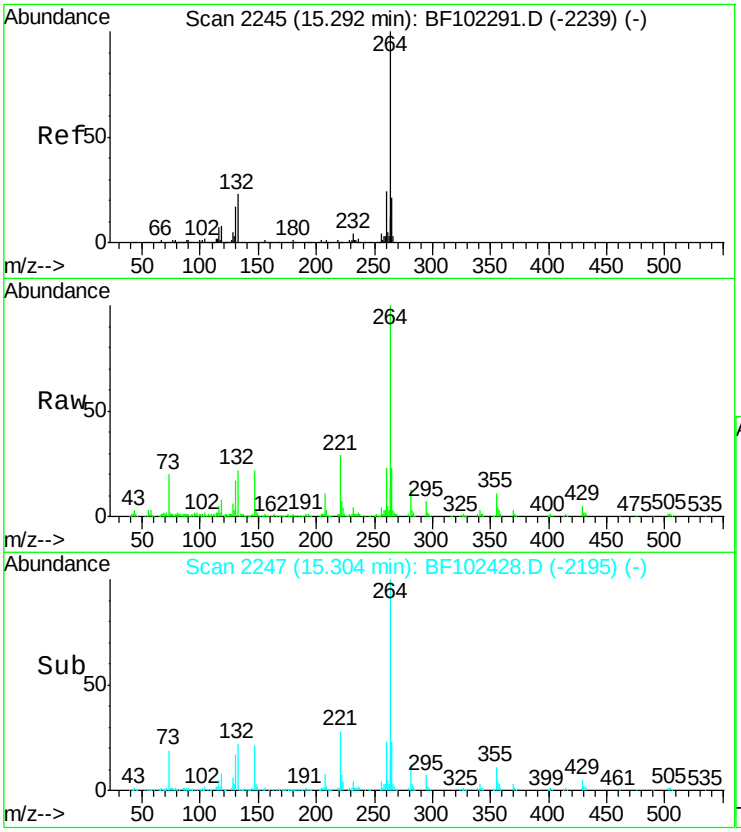


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.991 ng
RT: 16.69 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:276 Resp: 36533

Ion	Ratio	Lower	Upper
276	100		
138	28.4	25.0	37.6
277	30.5	20.1	30.1#



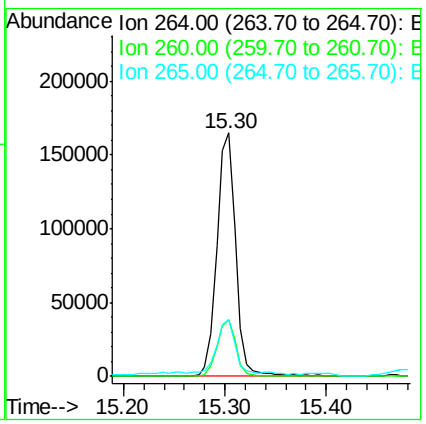


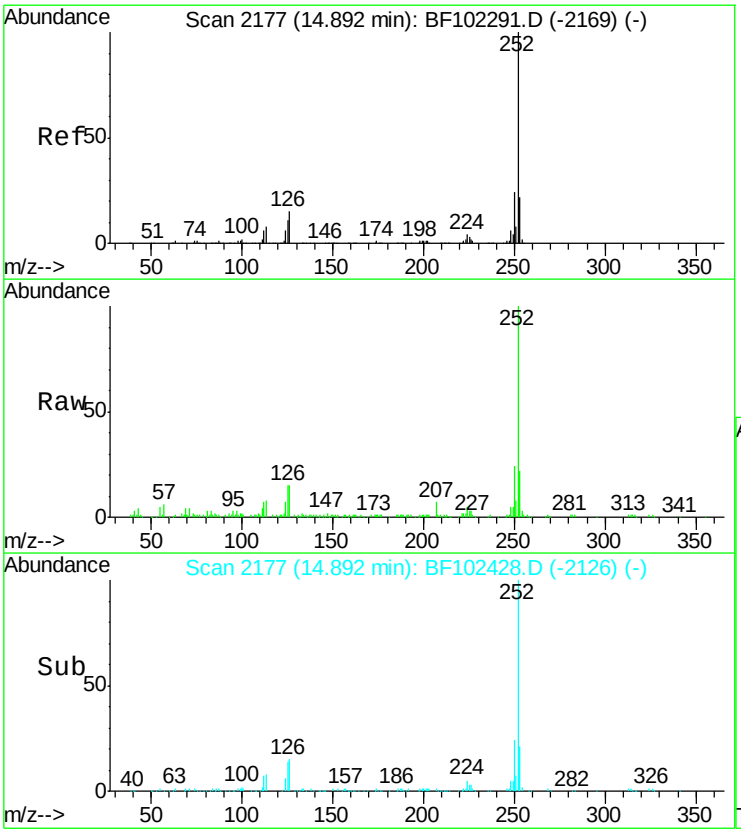
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:264 Resp: 212603

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	23.2	17.5	26.3

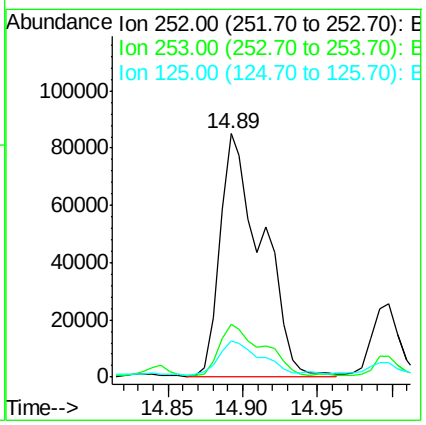


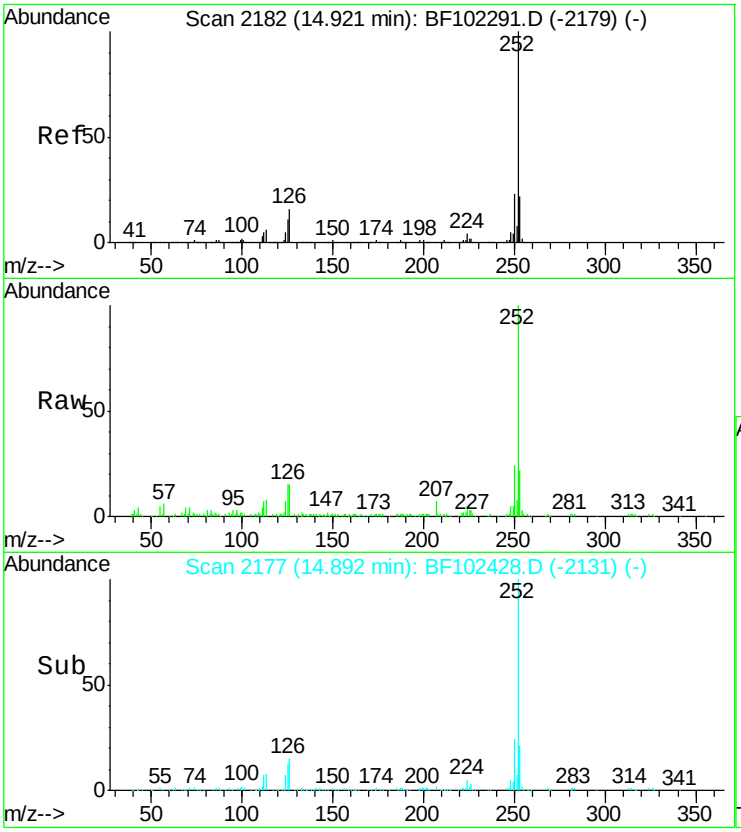


#87
Benzo(b)fluoranthene
Concen: 12.106 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:252 Resp: 166817

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	14.7	9.0	13.6#



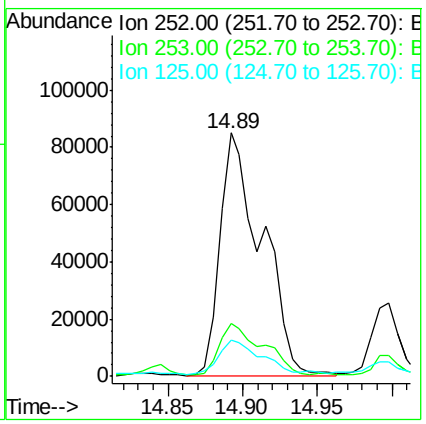


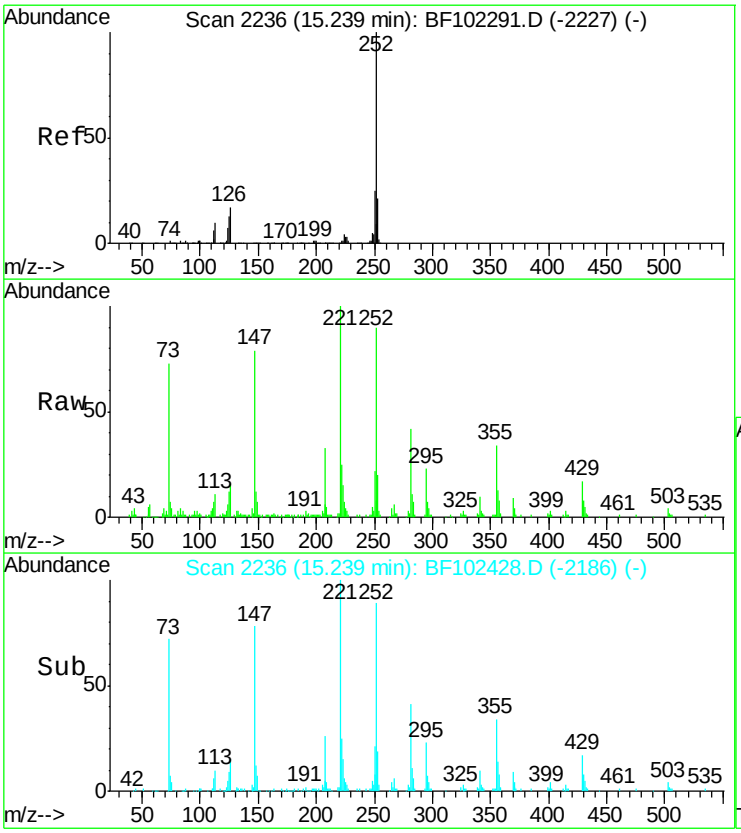
#88
Benzo(k)fluoranthene
Concen: 12.813 ng
RT: 14.89 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:252 Resp: 166817

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	14.7	10.2	15.2

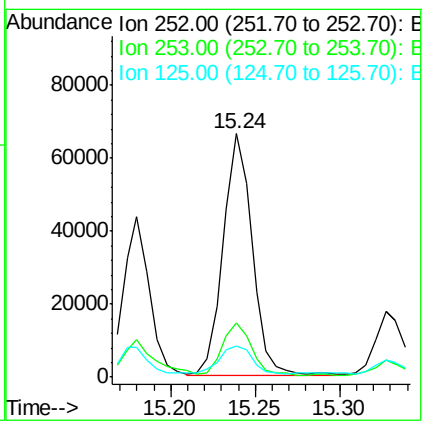


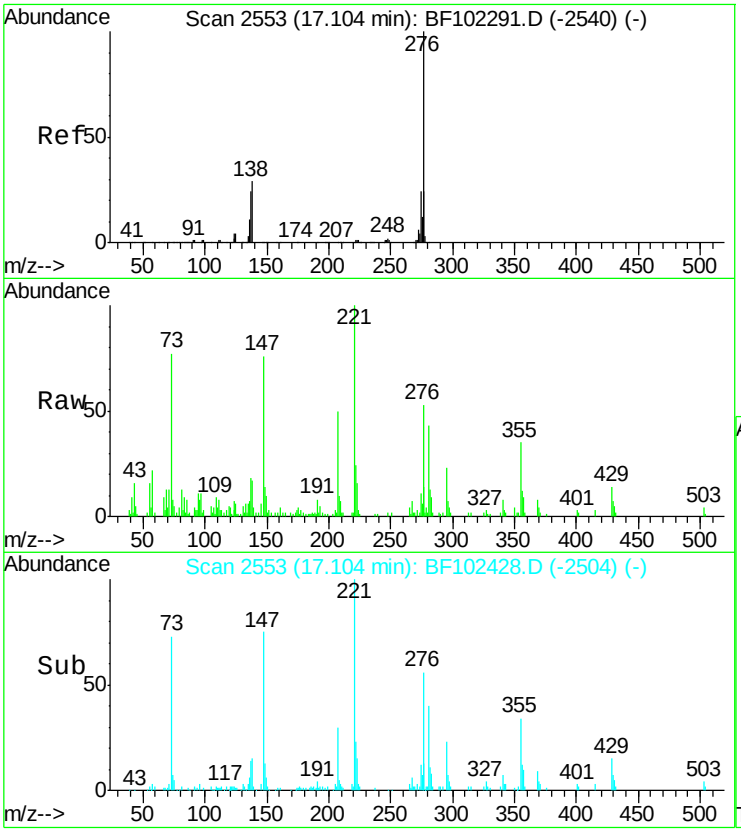


#89
Benzo(a)pyrene
Concen: 6.395 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

Tgt Ion:252 Resp: 79478

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	12.8	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.977 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF102428.D
Acq: 25 Jan 2018 16:07

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

Tgt Ion:276 Resp: 29592

Ion	Ratio	Lower	Upper
276	100		
277	26.5	17.9	26.9
138	31.7	21.8	32.8