Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
Data File : BF102326.D
Acq On : 23 Jan 2018 5:37
Operator : SJ/JU
Sample : J1210-02DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 23 07:47:59 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 00:43:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128171	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	499285	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	203257	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	293433	20.00	ng		0.00
75) Chrysene-d12	13.88	240	241681	20.00	ng		0.00
86) Perylene-d12	15.31	264	211509	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	101104	11.96	ng		0.00
7) Phenol-d6	6.36	99	125530	12.32	ng		0.00
23) Nitrobenzene-d5	7.27	82	65740	7.57	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	18016	8.95	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	80585	5.83	ng		0.00
78) Terphenyl-d14	12.82	244	53400	4.98	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.02	128	827319	33.188	ng		99
33) 4-Chloroaniline	8.02	127	109239	10.421	ng	#	33
37) 2-Methylnaphthalene	8.71	142	175118	10.548	ng		99
45) 1,1'-Biphenyl	9.17	154	122153	6.721	ng		97
48) Acenaphthylene	9.62	152	505017	22.946	ng		99
51) Acenaphthene	9.79	154	111945	8.709	ng		99
53) 2,4-Dinitrophenol	9.94	184	108	3.759	ng	#	1
54) Dibenzofuran	9.96	168	53881	3.097	ng	#	84
57) Fluorene	10.30	166	369565	26.810	ng		99
70) Phenanthrene	11.27	178	1691686	98.935	ng		99
71) Anthracene	11.32	178	496036	28.422	ng		99
74) Fluoranthene	12.46	202	877912	50.348	ng		99
77) Pyrene	12.69	202	1146858	61.376	ng		100
80) Benzo(a)anthracene	13.90	228	301204	20.243	ng		96
82) Chrysene	13.90	228	301204	19.934	ng		99
85) Indeno(1,2,3-cd)pyrene	16.69	276	88629	7.102	ng		94
87) Benzo(b)fluoranthene	14.90	252	322662	23.537	ng	#	97
88) Benzo(k)fluoranthene	14.90	252	322662	24.912	ng		97
89) Benzo(a)pyrene	15.24	252	235263	19.028	ng		98
90) Dibenzo(a,h)anthracene	16.70	278	21518	2.148	ng		94
91) Benzo(g,h,i)perylene	17.12	276	98893	10.000	ng		100

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

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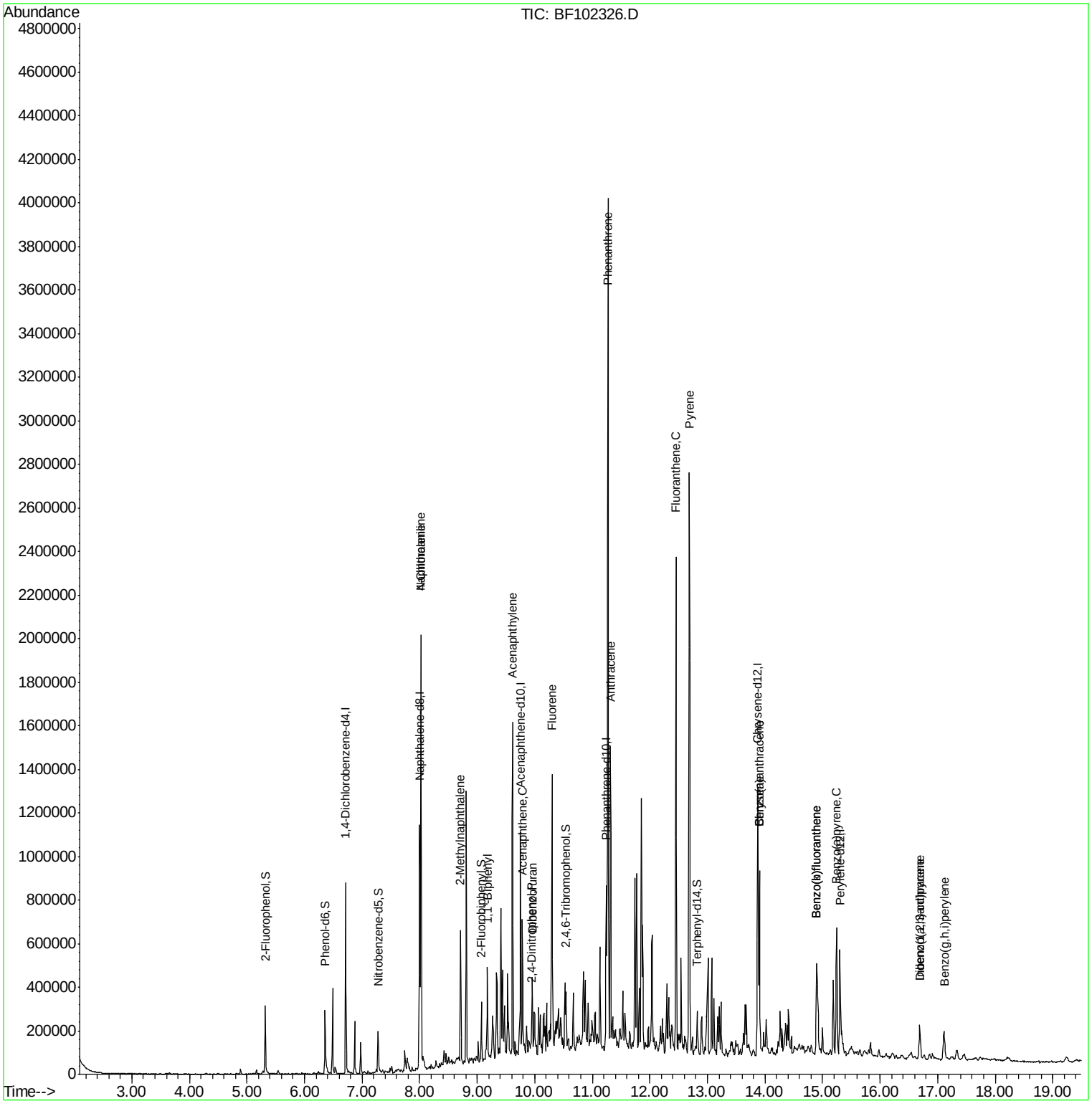
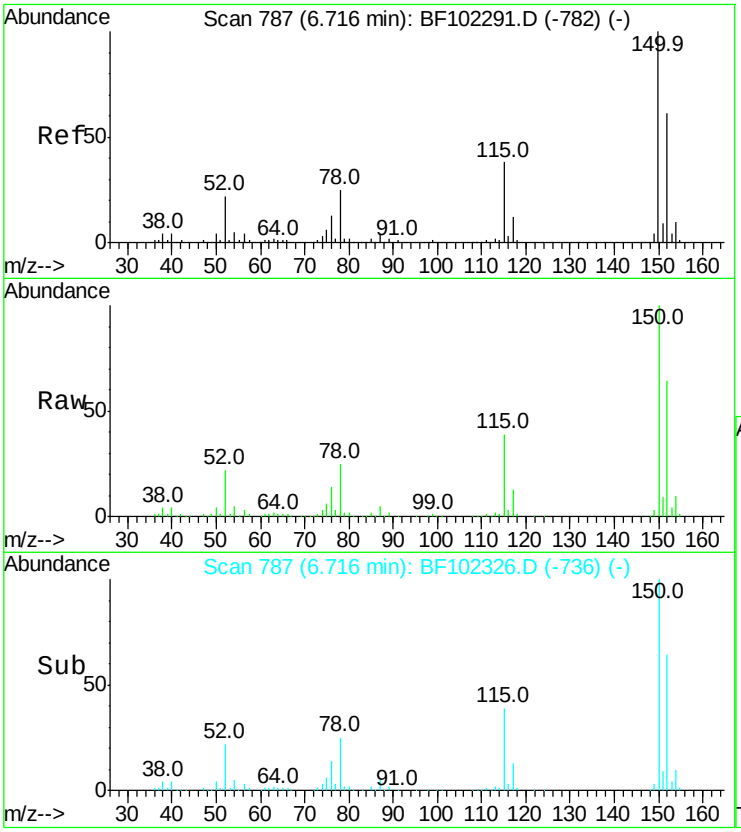


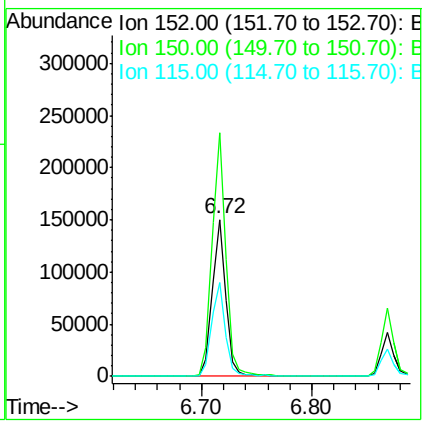


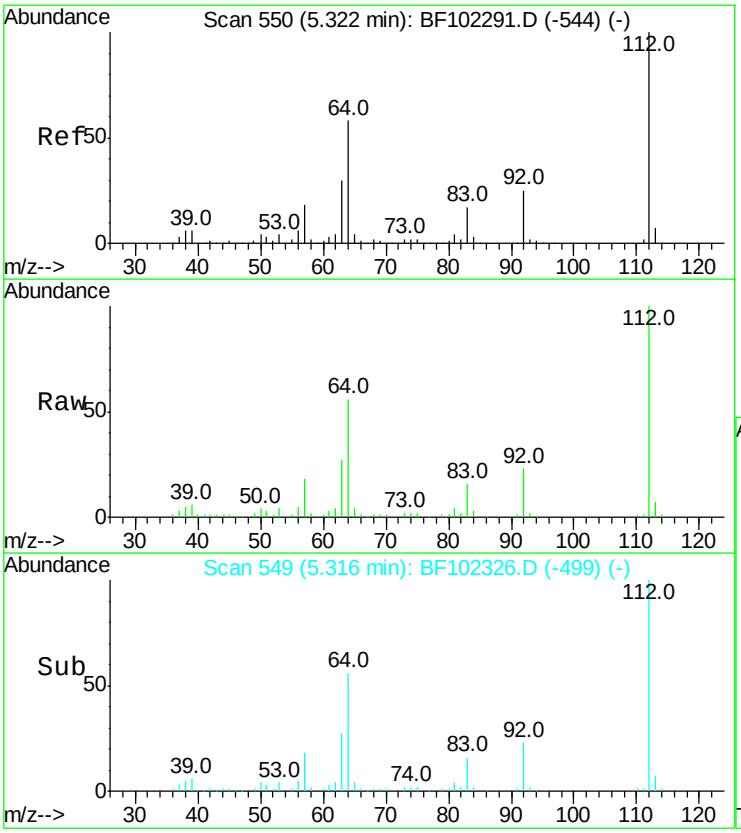
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128171

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	59.9	50.1	75.1

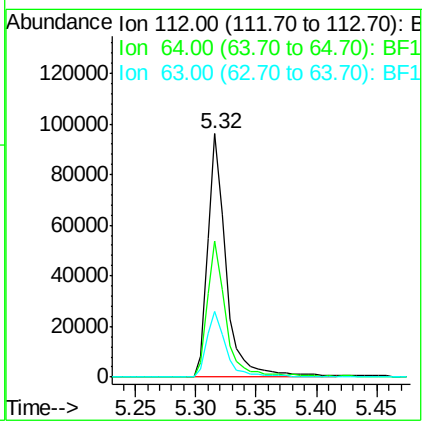


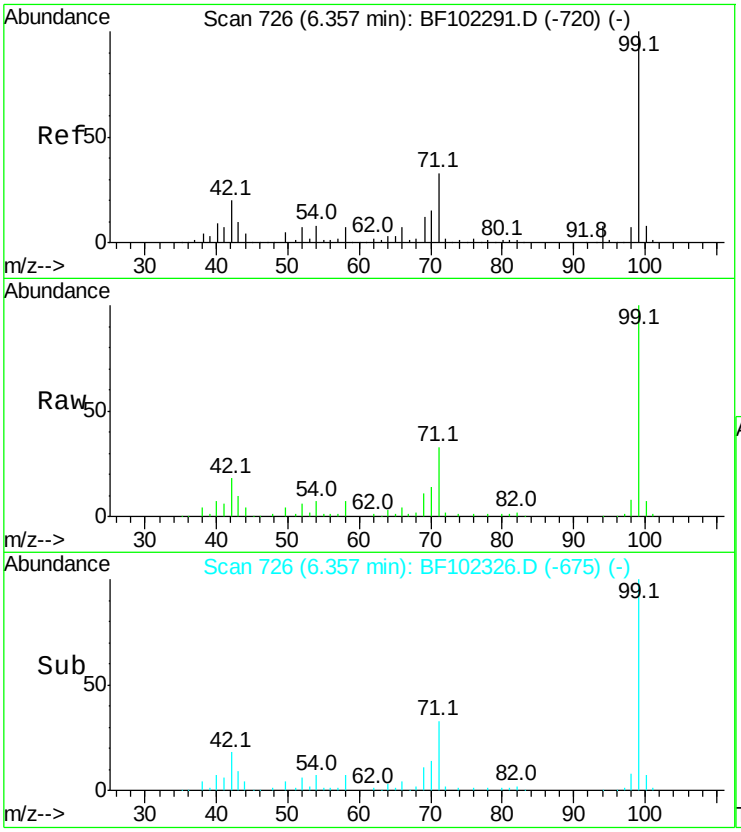


#5
2-Fluorophenol
Concen: 11.961 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:112 Resp: 101104

Ion	Ratio	Lower	Upper
112	100		
64	55.9	47.9	71.9
63	27.0	23.7	35.5



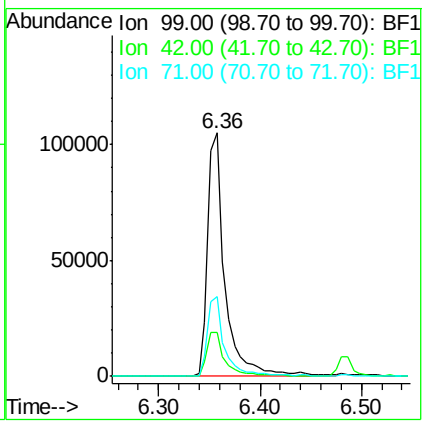


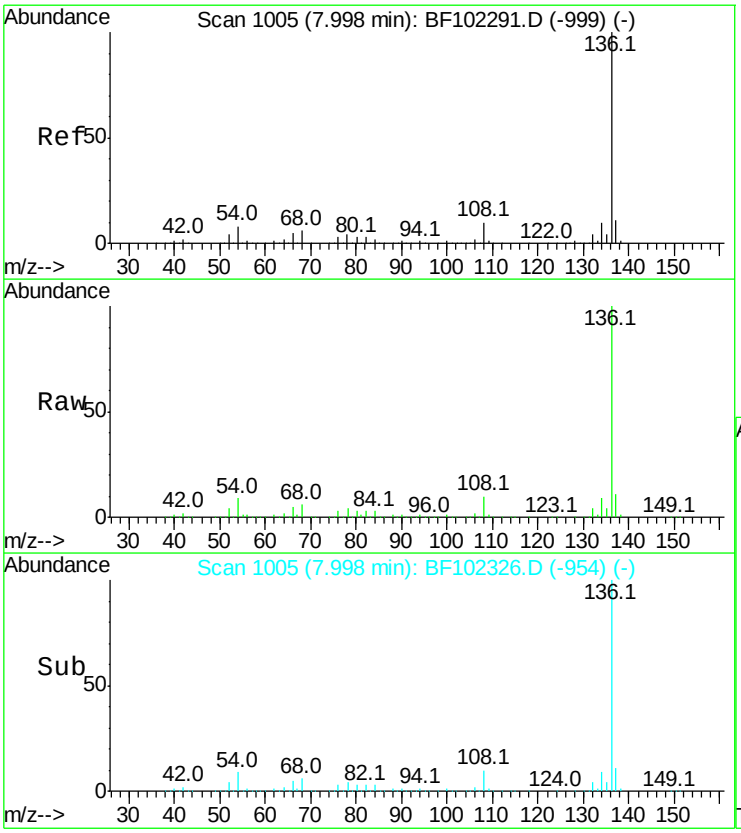
#7
Phenol-d6
Concen: 12.318 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 125530

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.5	21.7
71	32.6	25.4	38.0

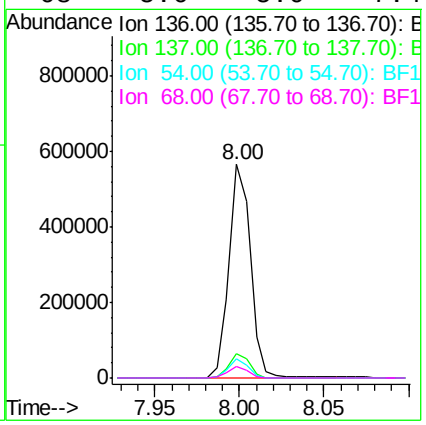


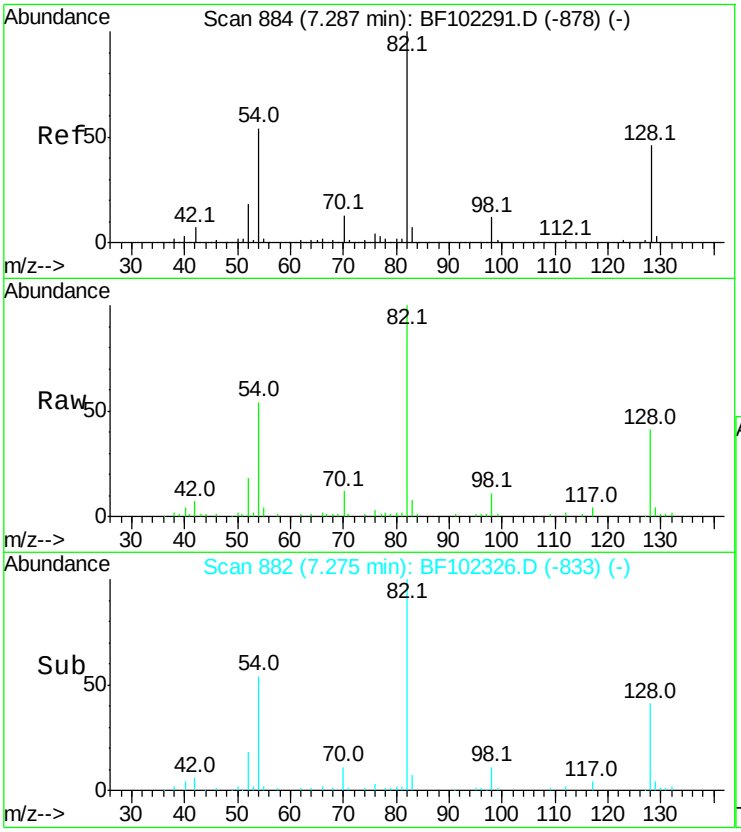


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:136 Resp: 499285

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	5.6	5.0	7.4



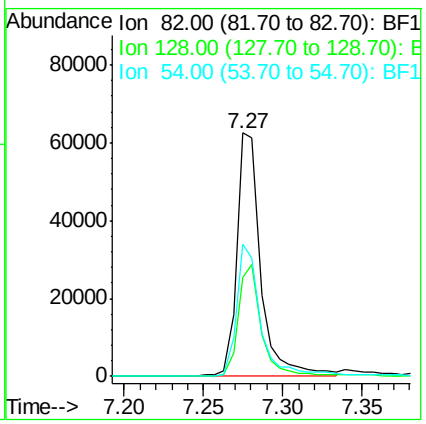


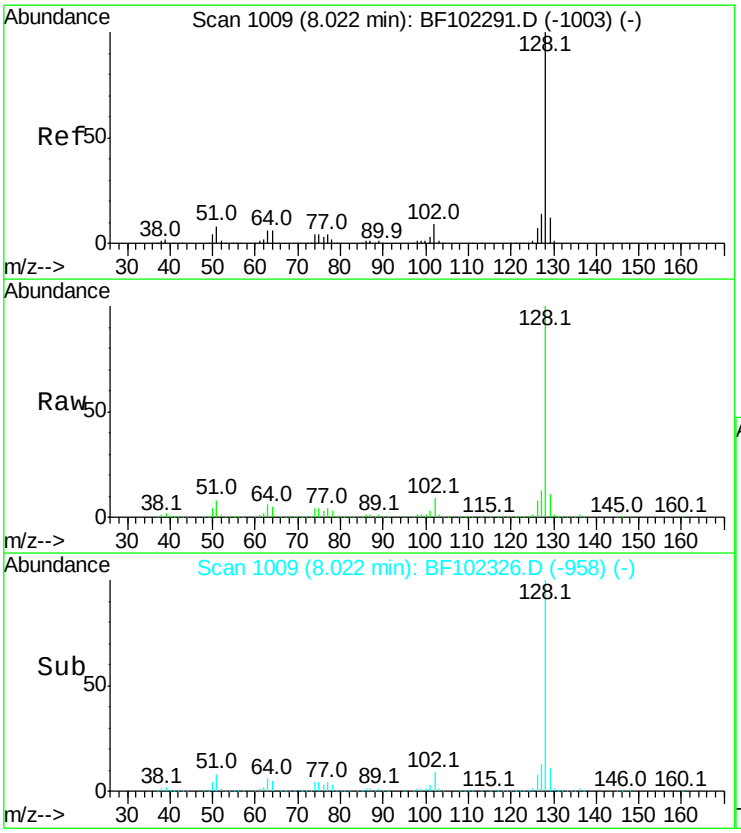
#23
Nitrobenzene-d5
Concen: 7.567 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 65740

Ion	Ratio	Lower	Upper
82	100		
128	40.9	36.1	54.1
54	54.1	41.4	62.2

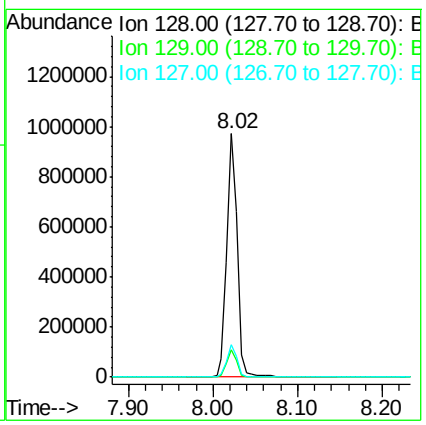


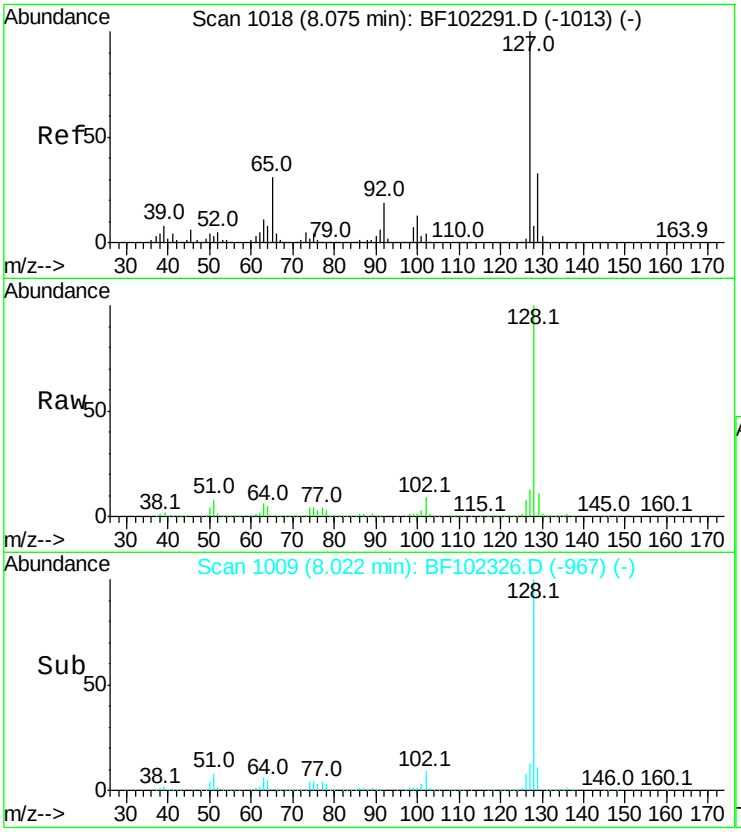


#31
Naphthalene
Concen: 33.188 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:128 Resp: 827319

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.9	16.3



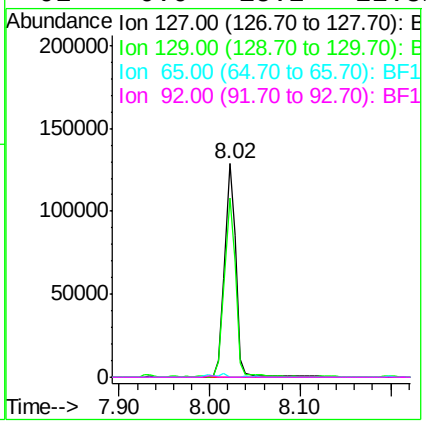


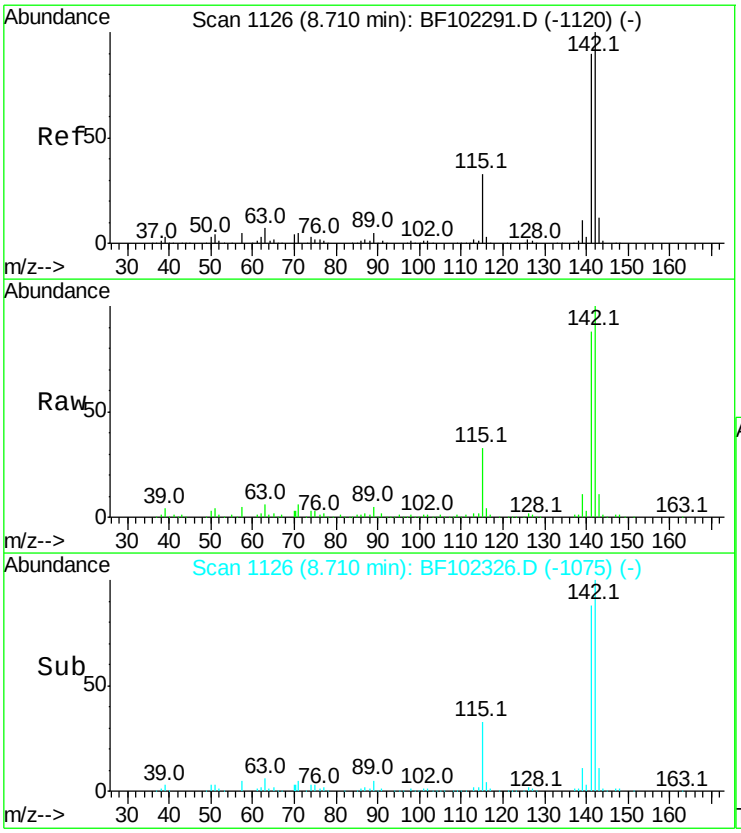
#33
4-Chloroaniline
Concen: 10.421 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.05 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 109239

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#

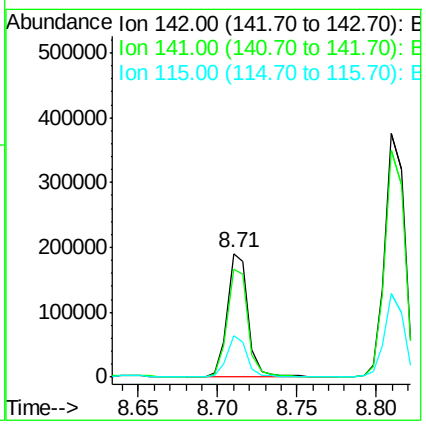


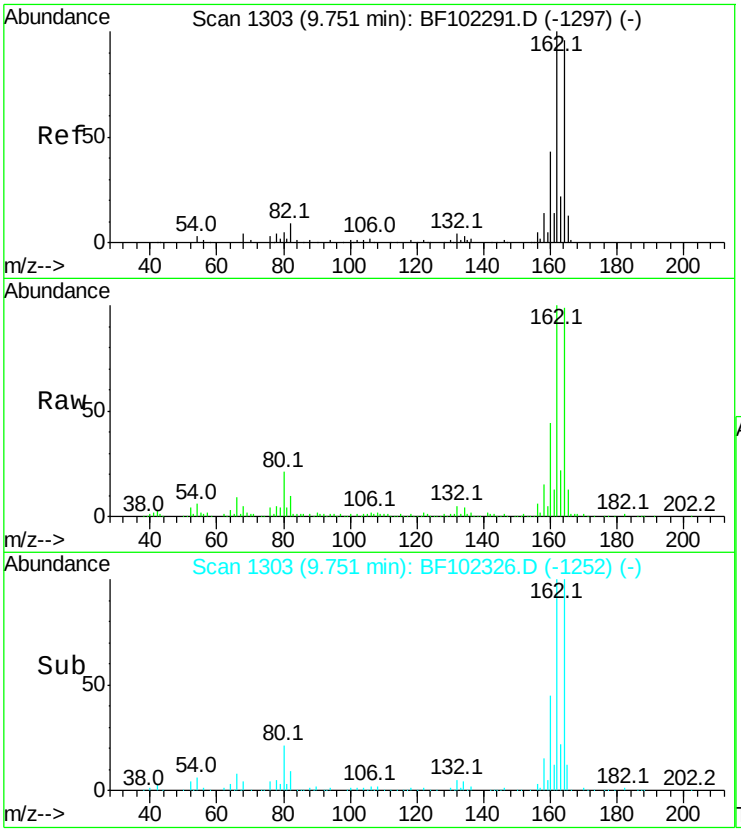


#37
2-Methylnaphthalene
Concen: 10.548 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:142 Resp: 175118

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	33.0	26.1	39.1



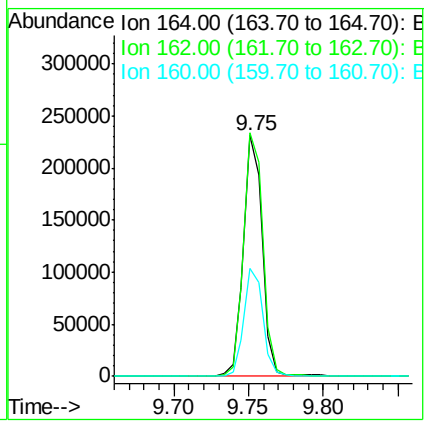


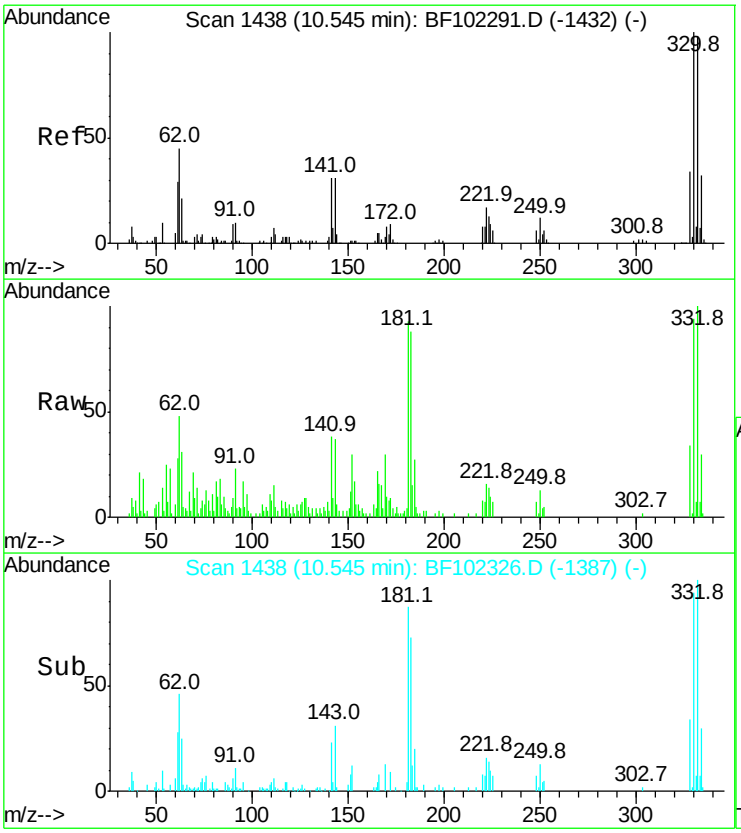
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 203257

Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	44.9	38.3	57.5

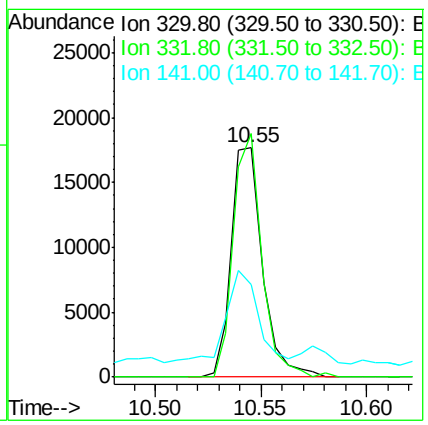


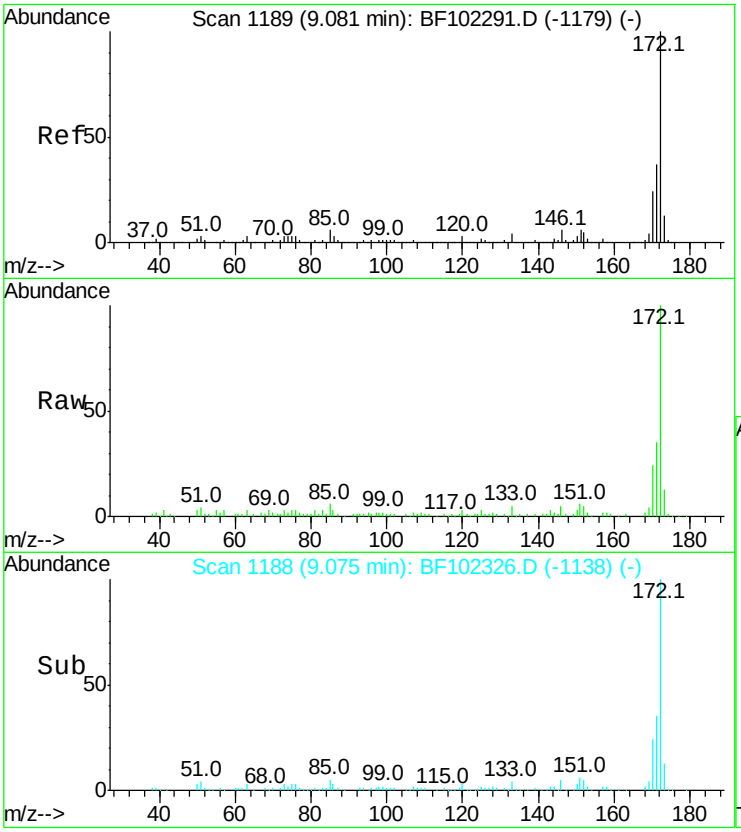


#41
2,4,6-Tribromophenol
Concen: 8.945 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:330 Resp: 18016

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.4	29.9	44.9

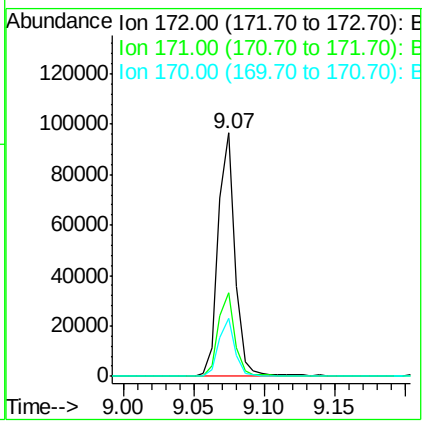




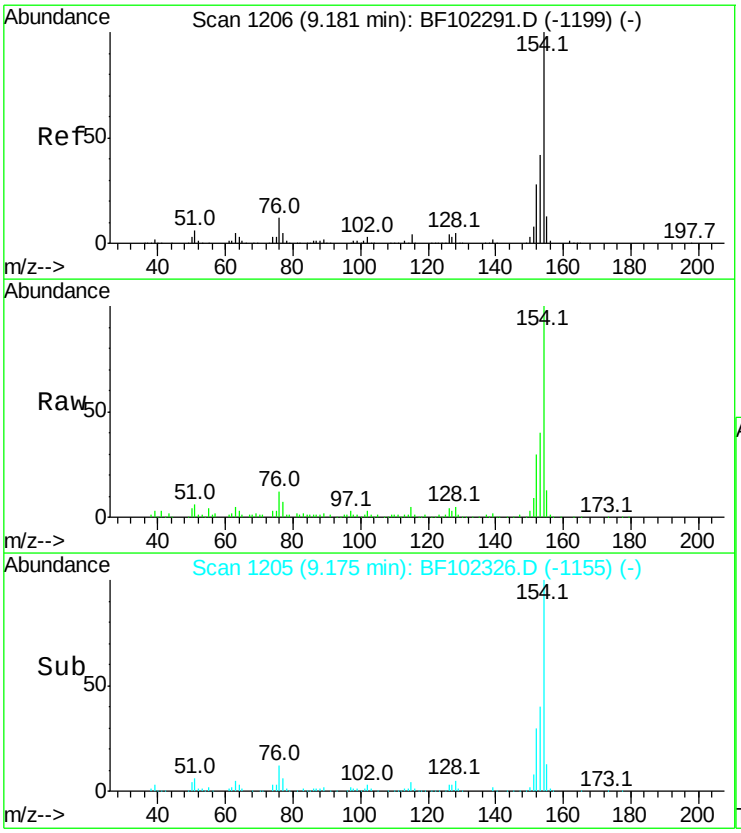
#44
2-Fluorobiphenyl
Concen: 5.829 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:172 Resp: 80585

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.7	44.5
170	23.9	19.6	29.4



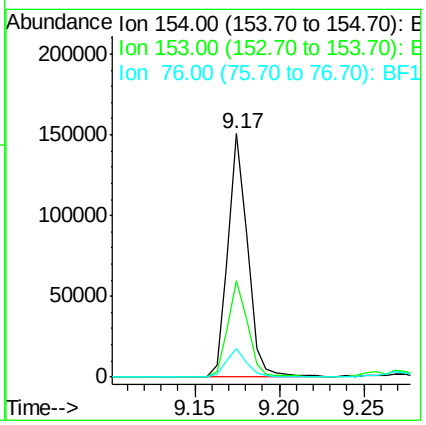
Instrument :
BNA_F
ClientSampleId :

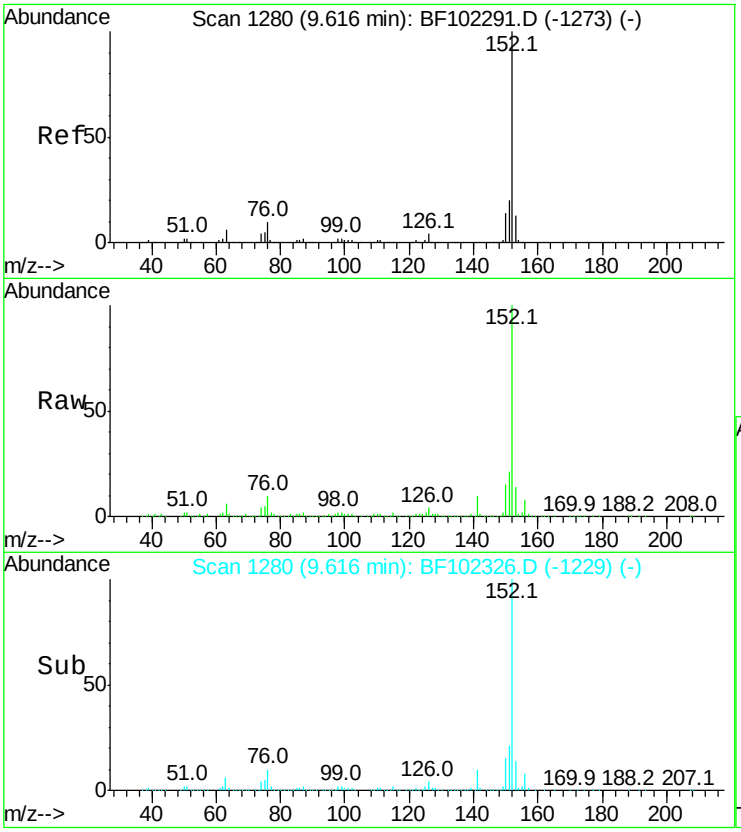


#45
1,1'-Biphenyl
Concen: 6.721 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:154 Resp: 122153

Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.3	61.3
76	11.6	0.0	34.0



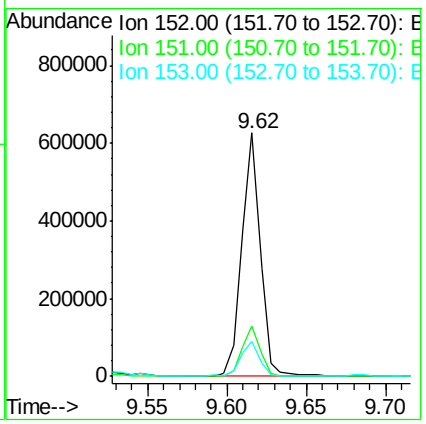


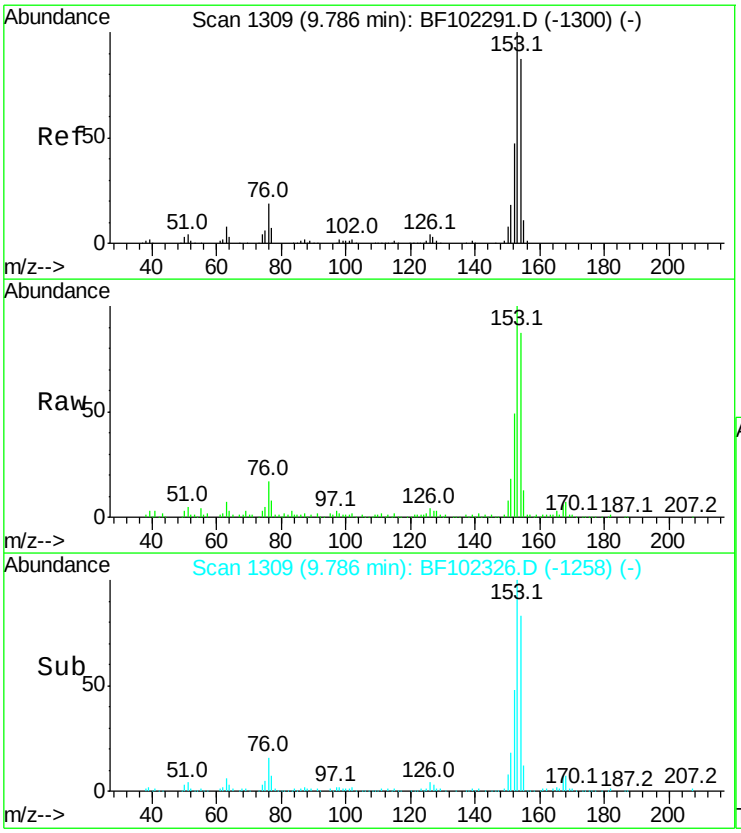
#48
Acenaphthylene
Concen: 22.946 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 505017

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	14.3	10.7	16.1

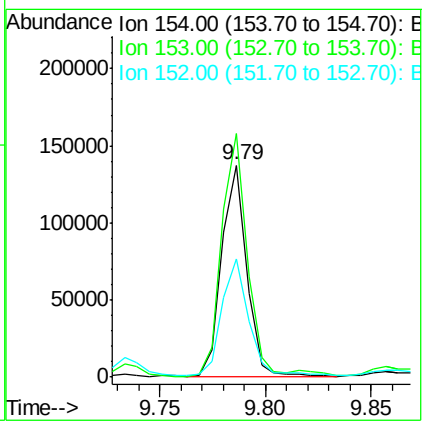


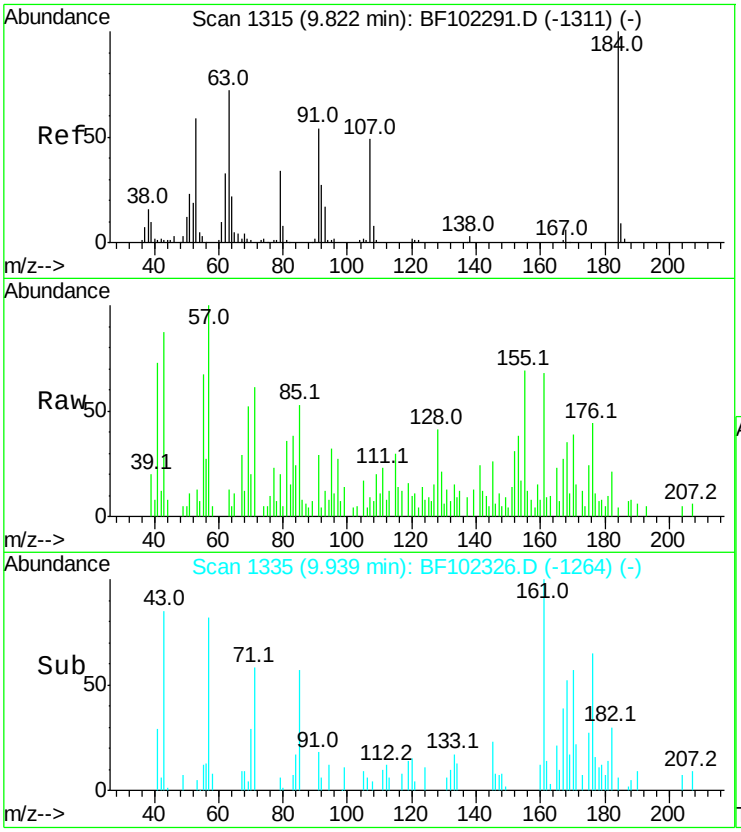


#51
Acenaphthene
Concen: 8.709 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:154 Resp: 111945

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.2	136.8
152	55.8	43.8	65.8



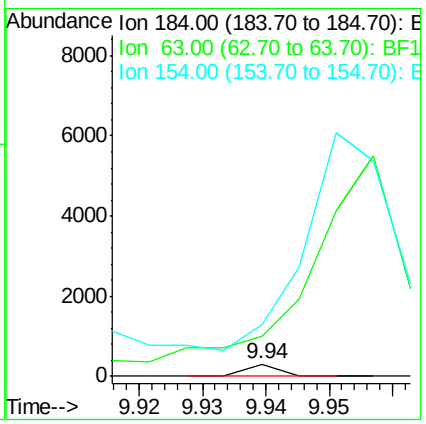


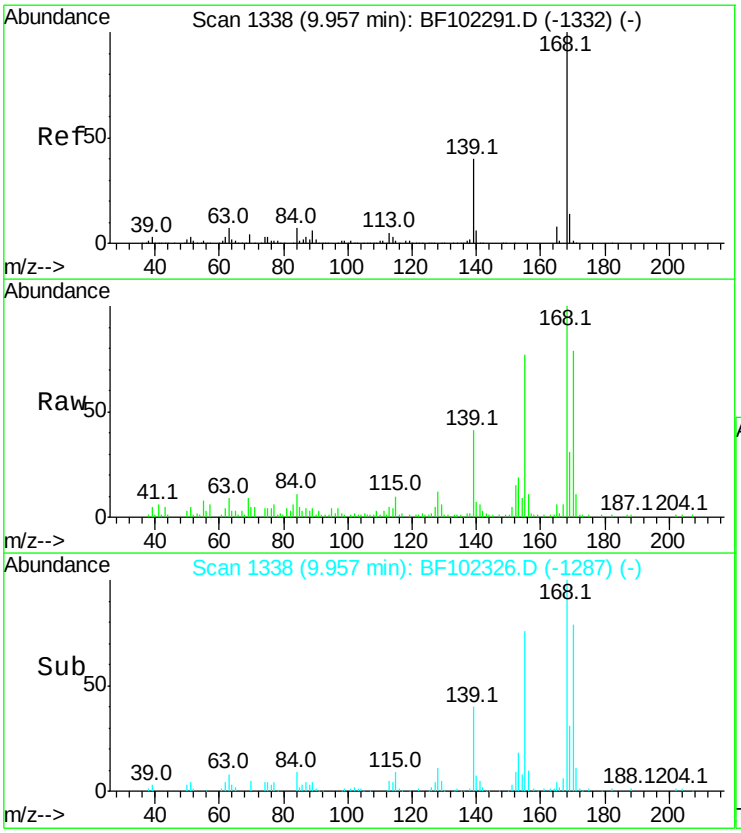
#53
2,4-Dinitrophenol
Concen: 3.759 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.12 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 108

Ion	Ratio	Lower	Upper
184	100		
63	324.8	54.2	81.2#
154	416.0	184.0	276.0#

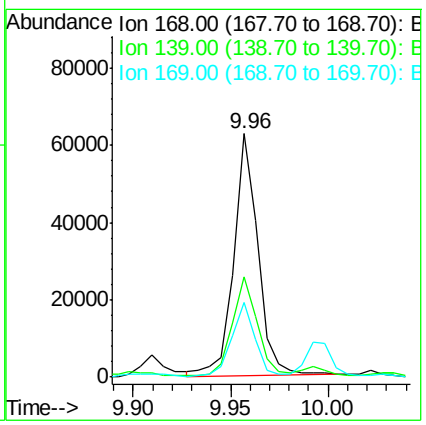


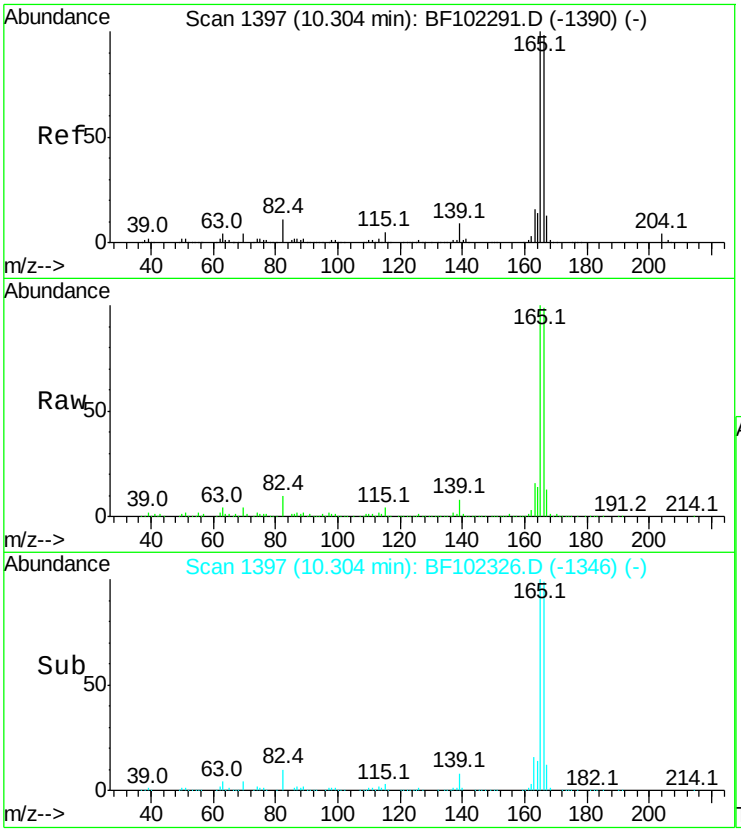


#54
Dibenzofuran
Concen: 3.097 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:168 Resp: 53881

Ion	Ratio	Lower	Upper
168	100		
139	41.2	30.1	45.1
169	30.8	10.9	16.3#



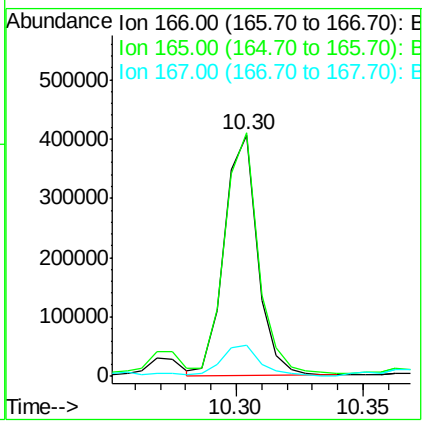


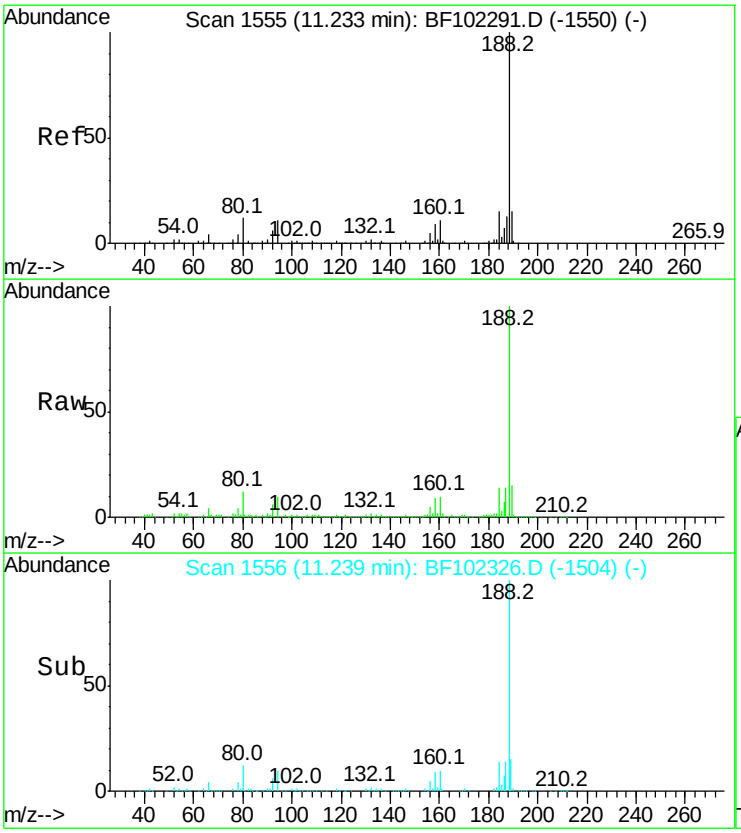
#57
Fluorene
Concen: 26.810 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 369565

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	13.1	10.6	16.0

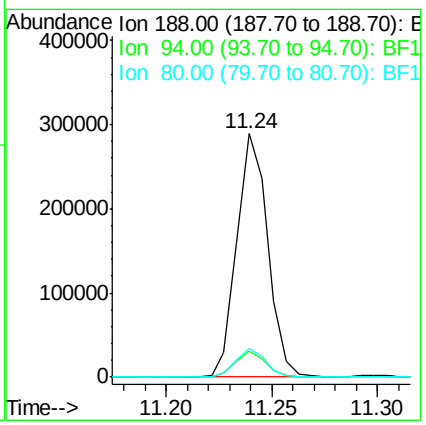


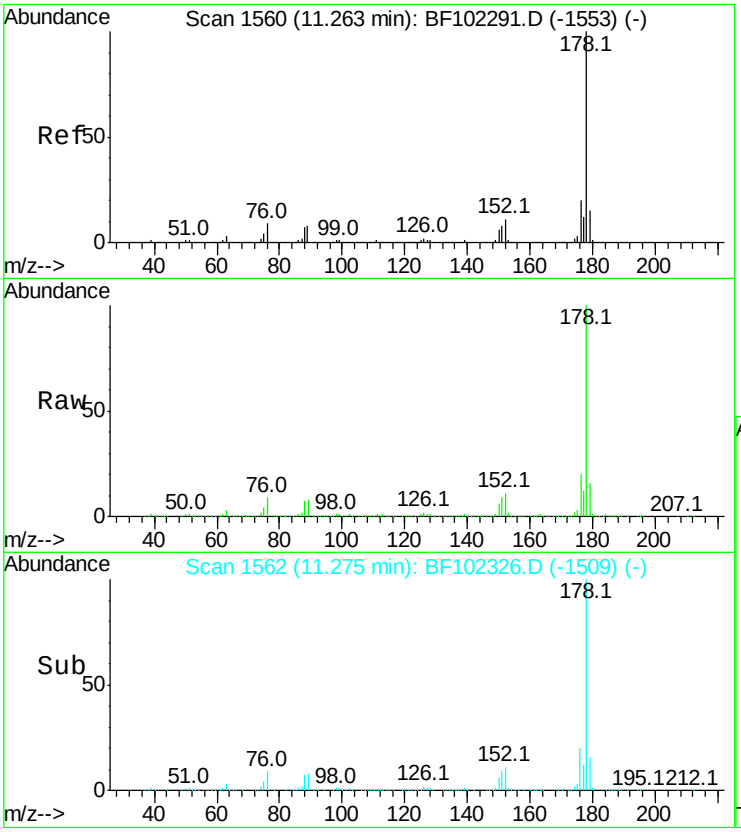


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:188 Resp: 293433

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.6	9.2	13.8



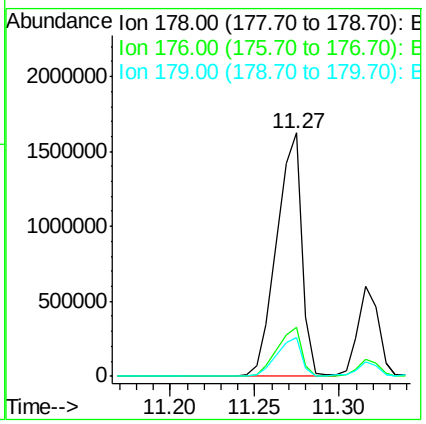


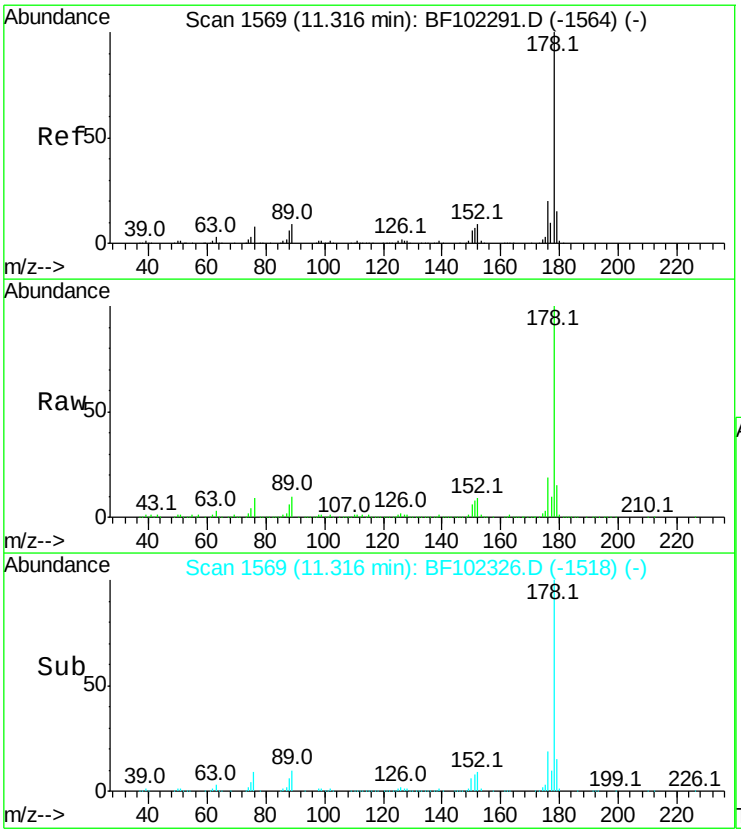
#70
Phenanthrene
Concen: 98.935 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1691686

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.8	23.8
179	15.8	13.0	19.6

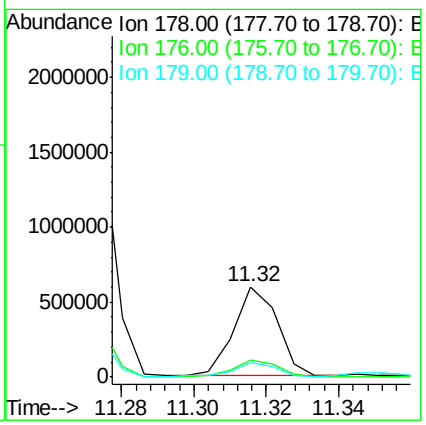


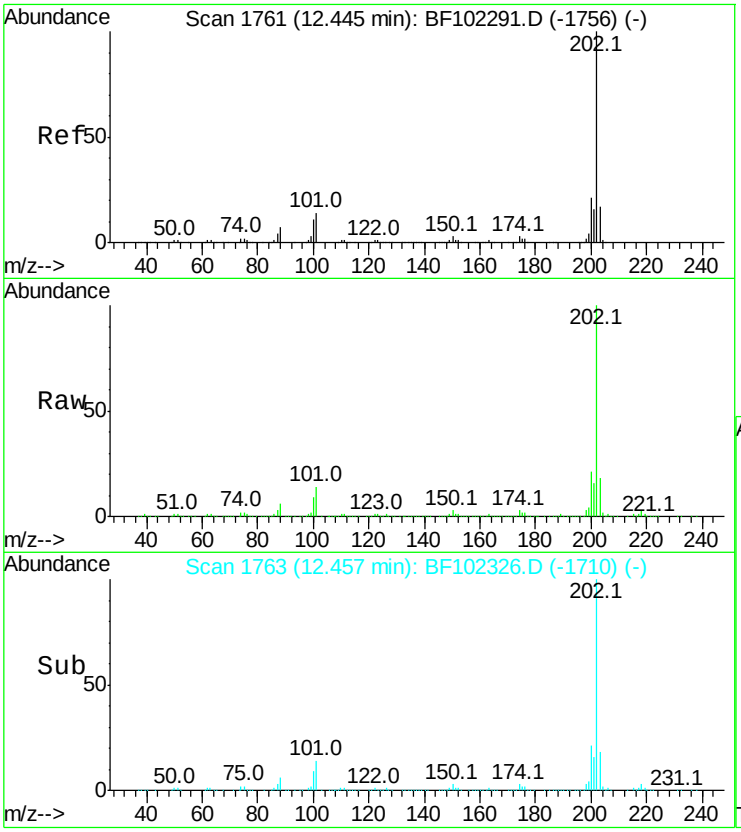


#71
Anthracene
Concen: 28.422 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:178 Resp: 496036

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.4	12.6	19.0



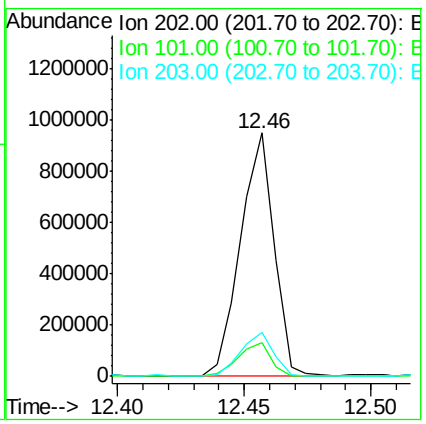


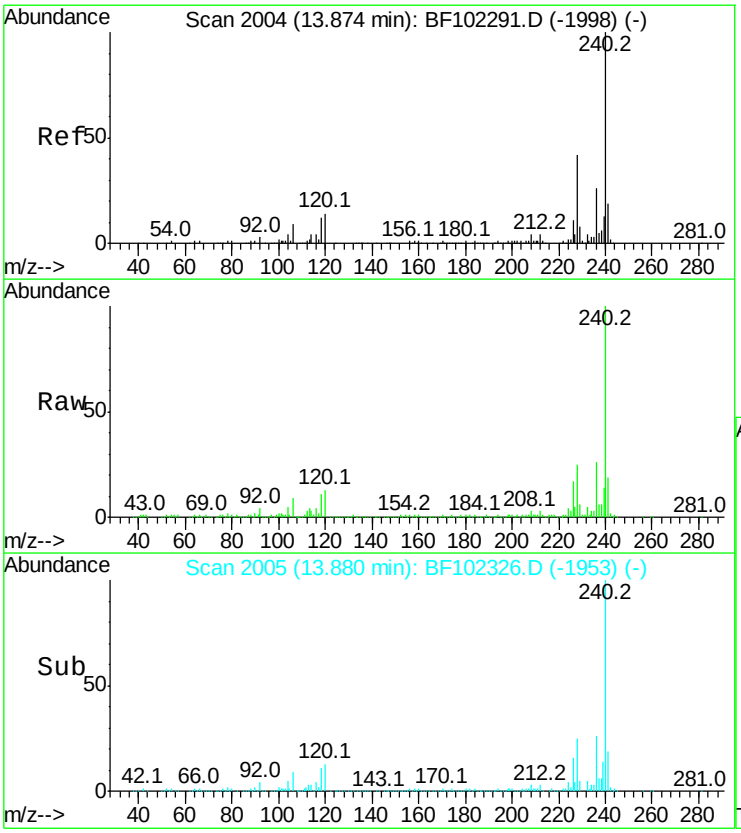
#74
Fluoranthene
Concen: 50.348 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 877912

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	34.1
203	18.2	0.0	38.1

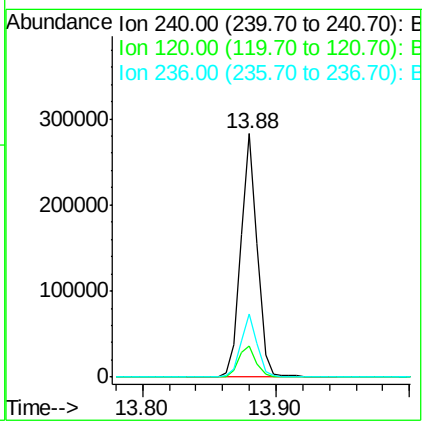


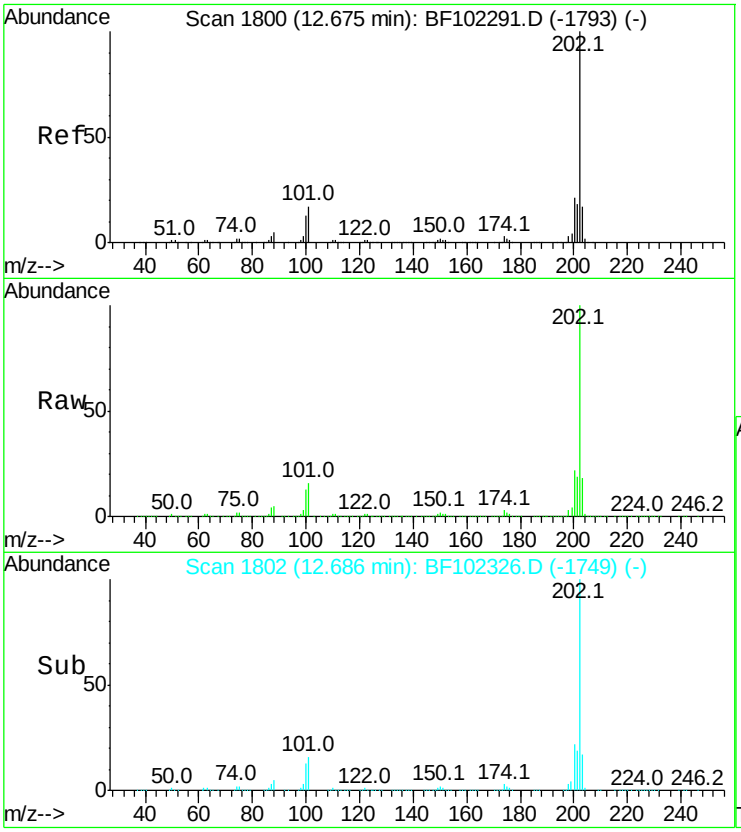


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:240 Resp: 241681

Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	26.1	20.7	31.1



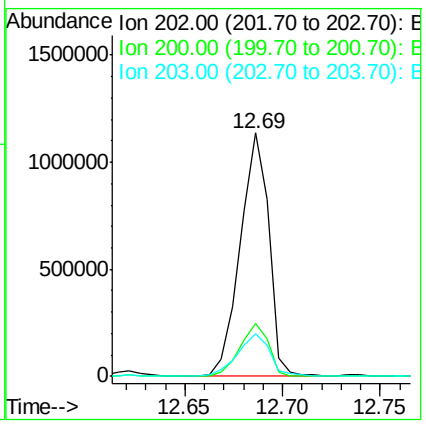


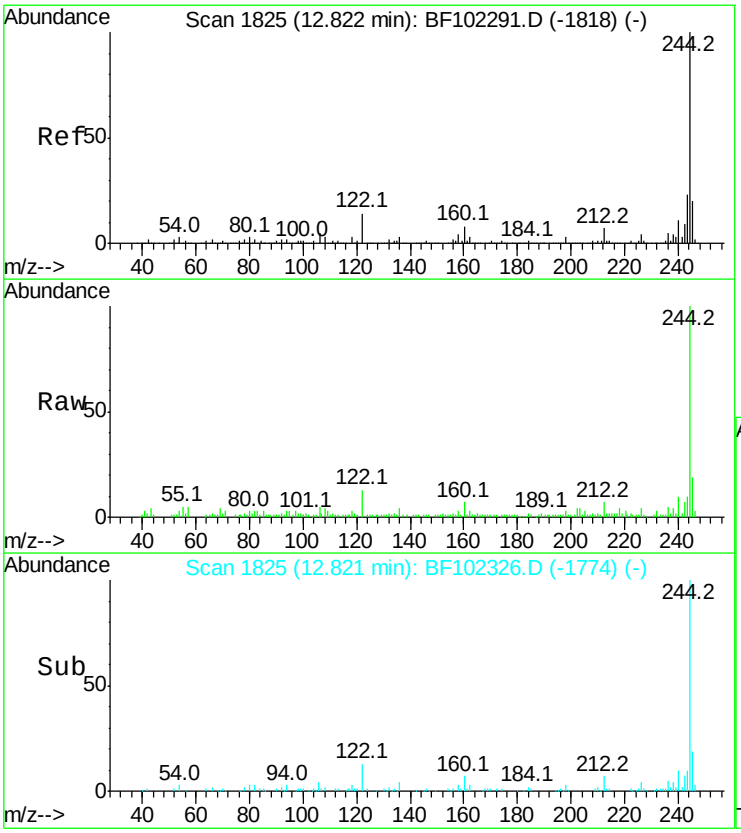
#77
Pyrene
Concen: 61.376 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1146858

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

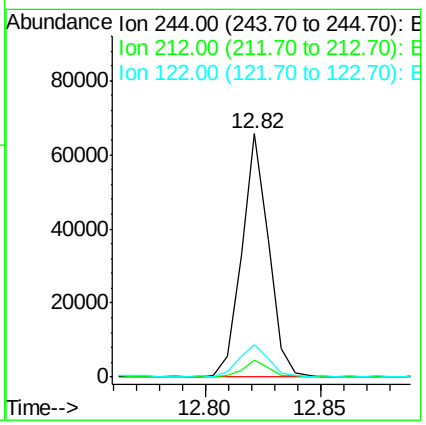


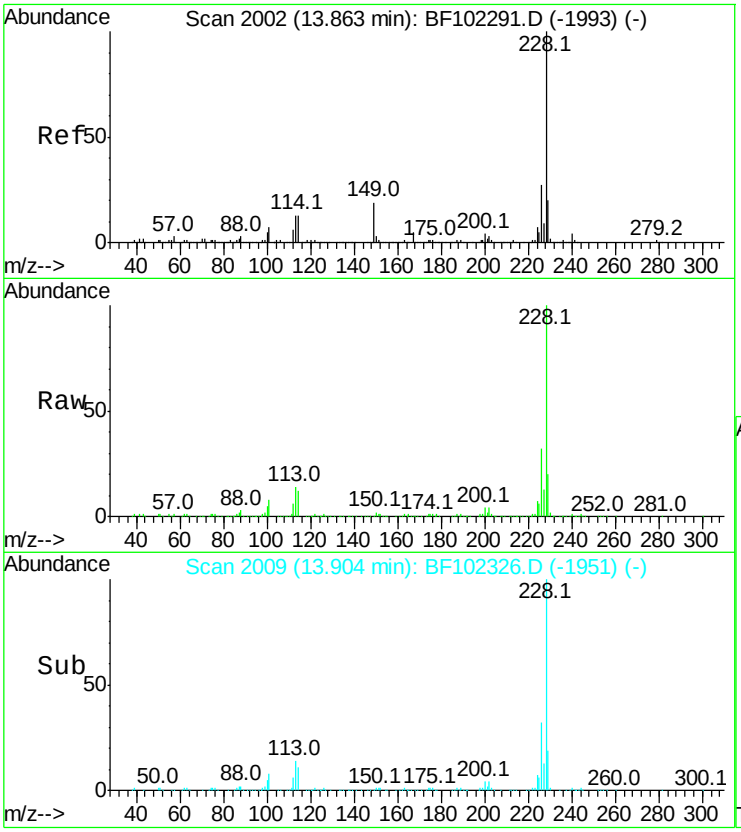


#78
Terphenyl-d14
Concen: 4.981 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:244 Resp: 53400

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.3	11.0	16.4



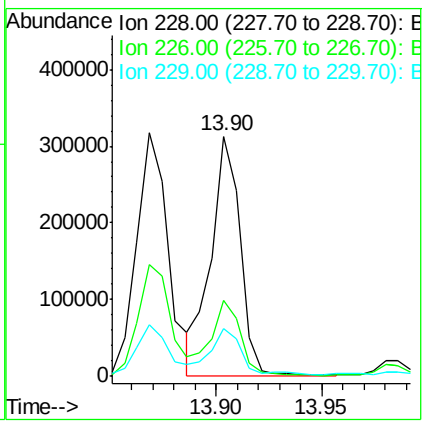


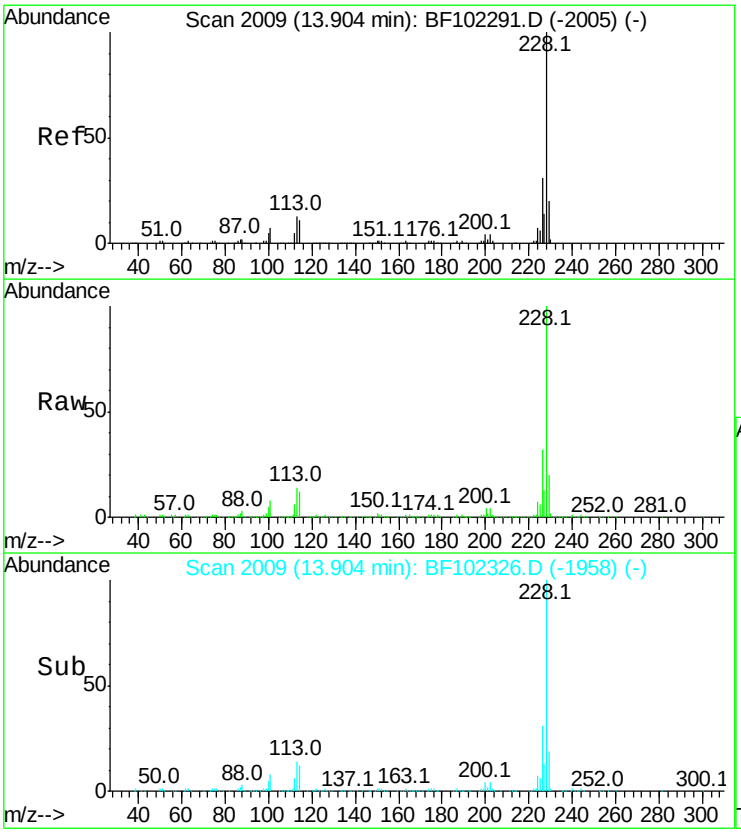
#80
Benzo(a)anthracene
Concen: 20.243 ng
RT: 13.90 min Scan# 2009
Delta R.T. 0.04 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 301204

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	20.1	15.8	23.6

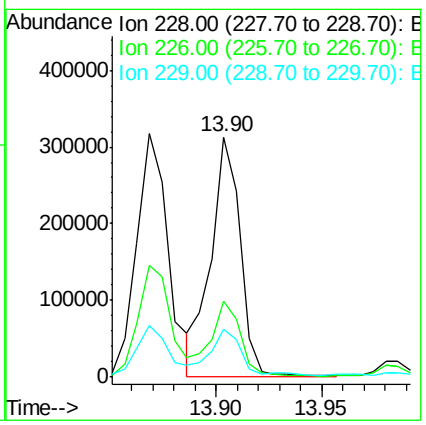


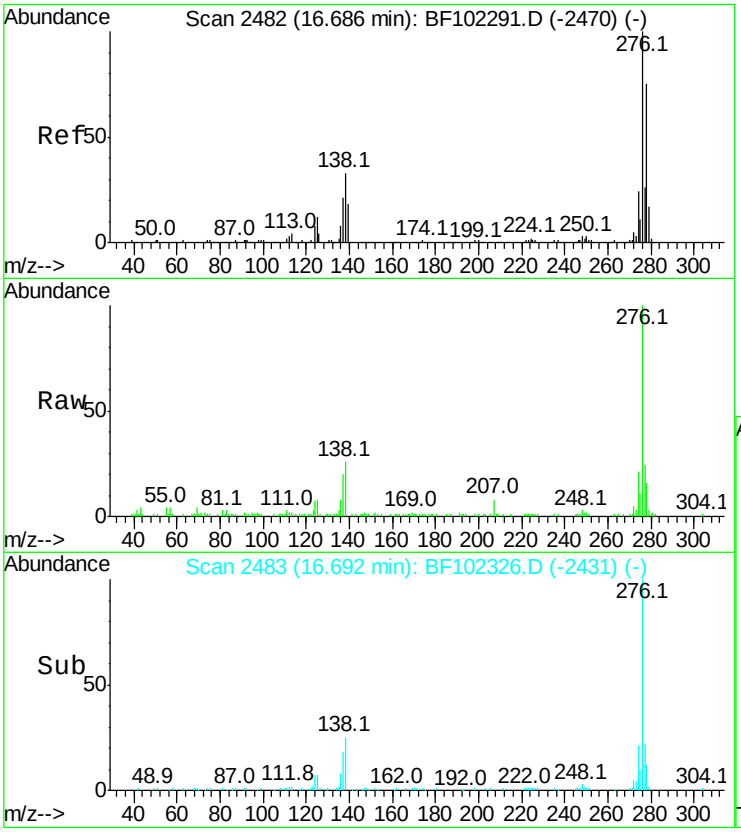


#82
Chrysene
Concen: 19.934 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:228 Resp: 301204

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	20.1	16.2	24.4



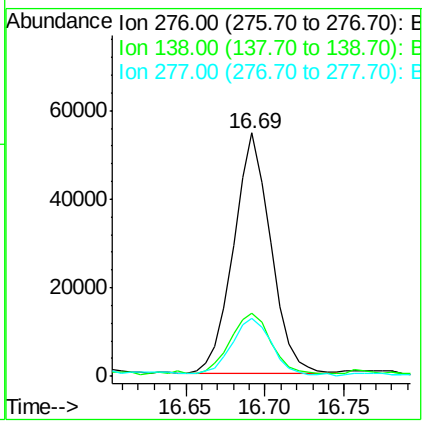


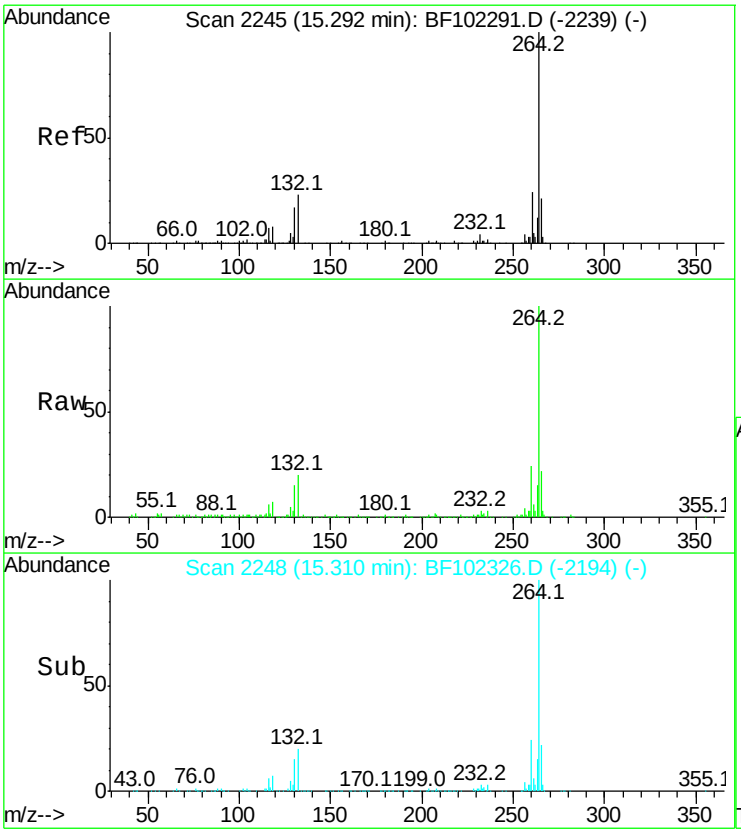
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.102 ng
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 88629

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.0	37.6
277	26.6	20.1	30.1

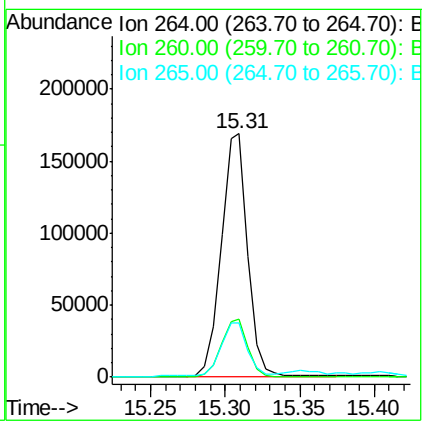


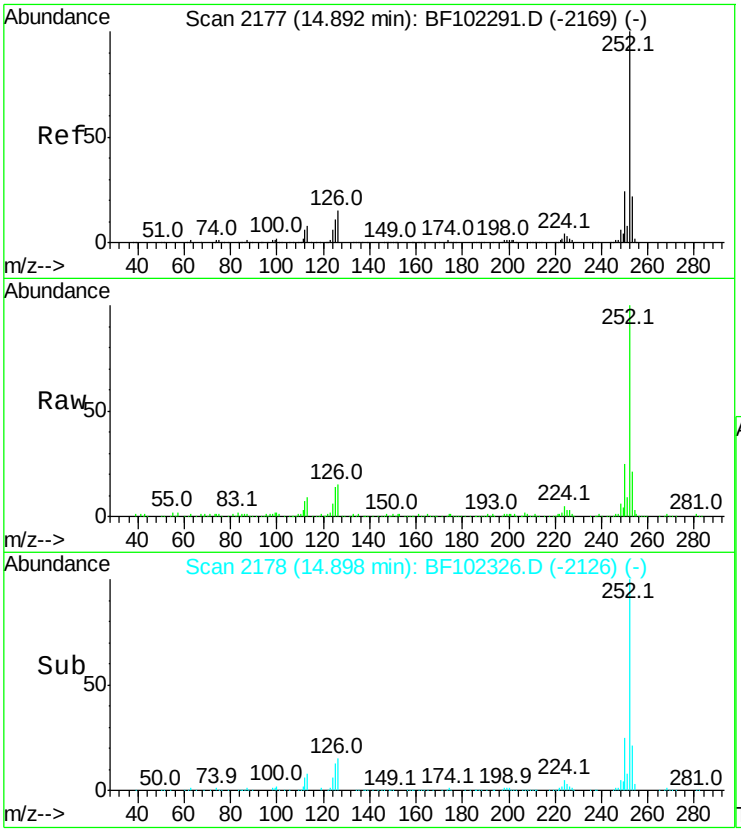


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.02 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:264 Resp: 211509

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	17.5	26.3



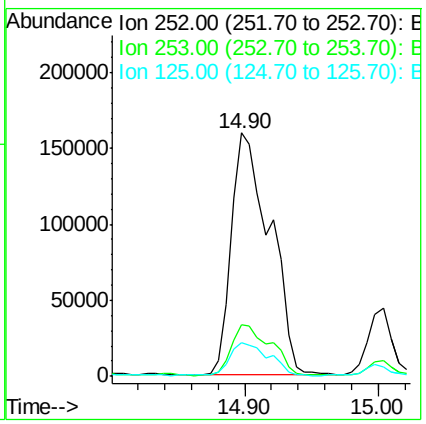


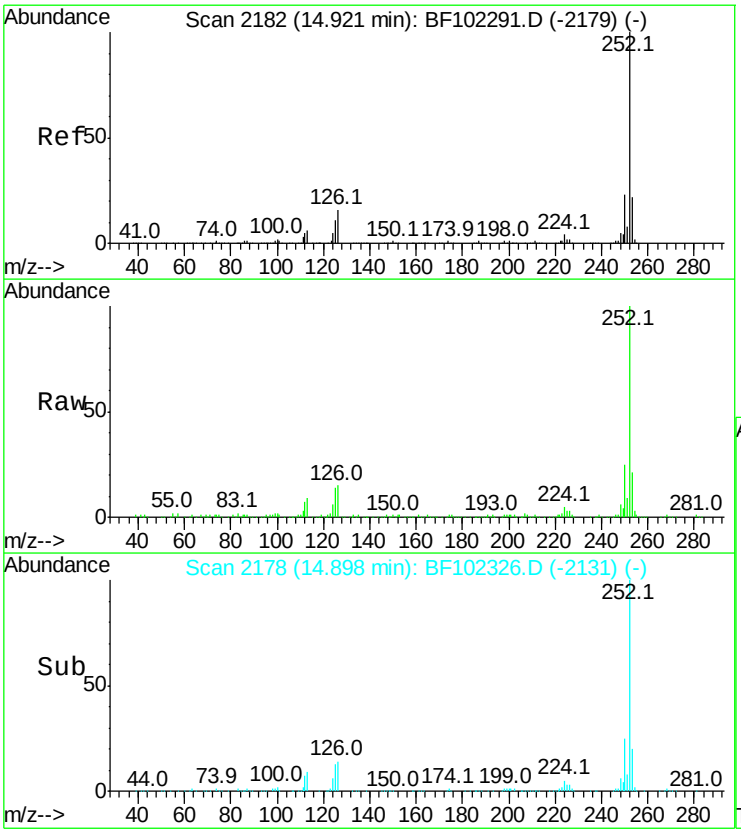
#87
Benzo(b)fluoranthene
Concen: 23.537 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 322662

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	13.8	9.0	13.6#

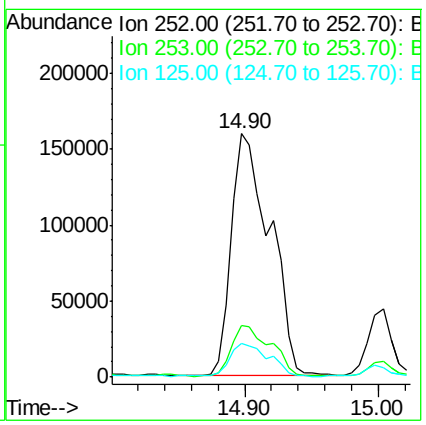


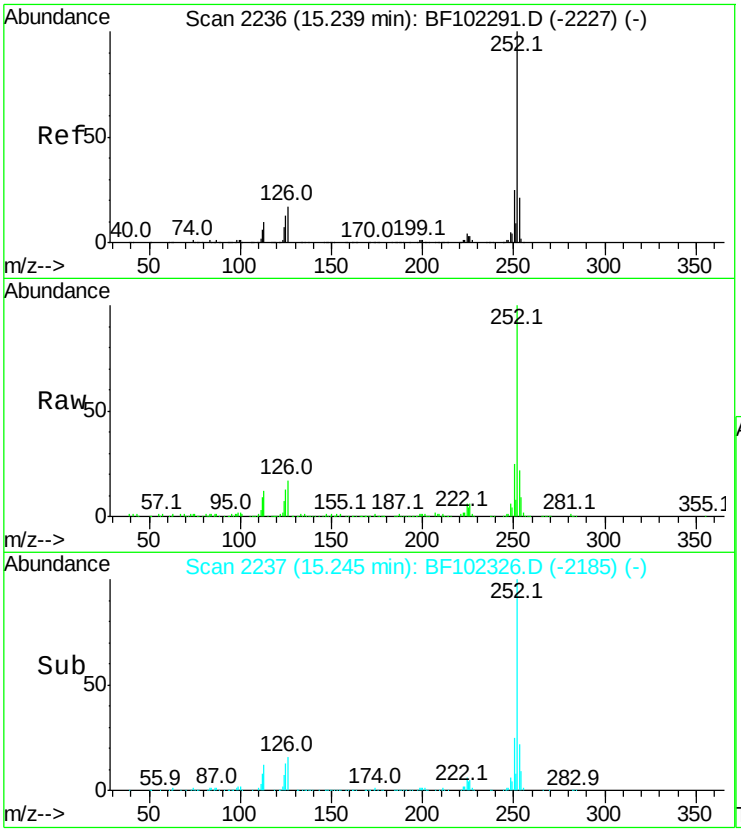


#88
Benzo(k)fluoranthene
Concen: 24.912 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:252 Resp: 322662

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	13.8	10.2	15.2



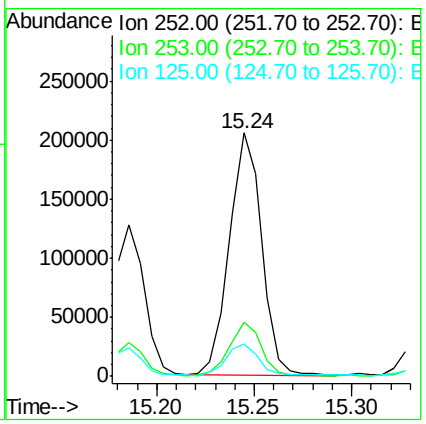


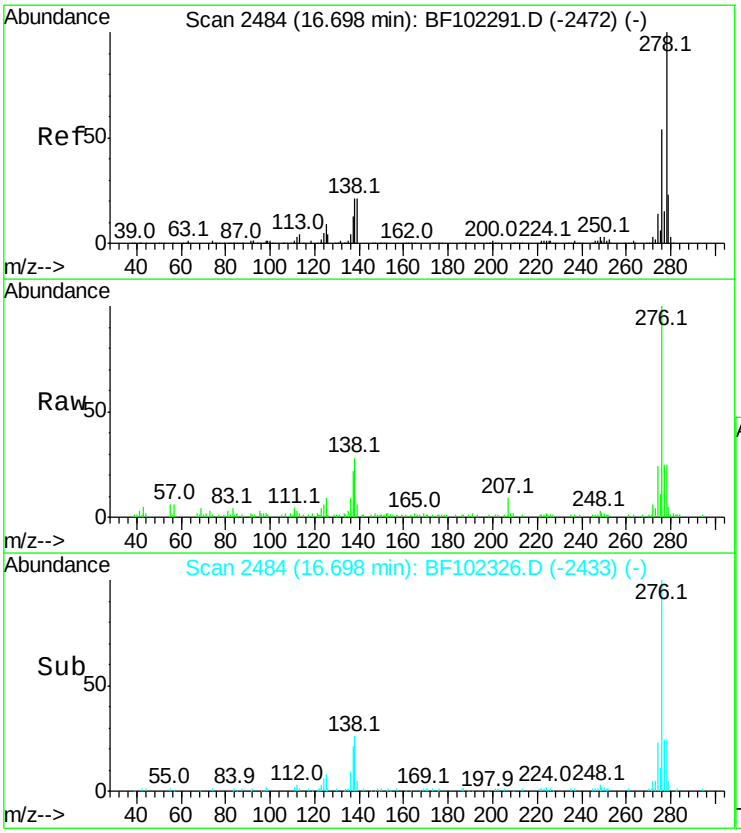
#89
Benzo(a)pyrene
Concen: 19.028 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 235263

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	13.2	9.8	14.6

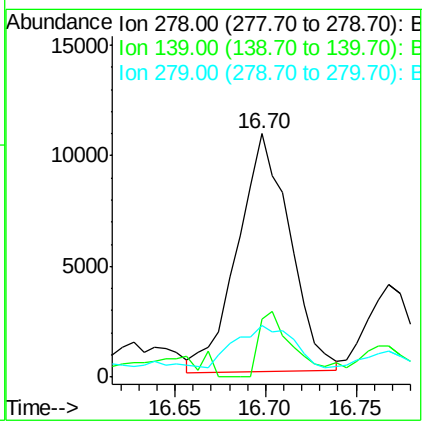


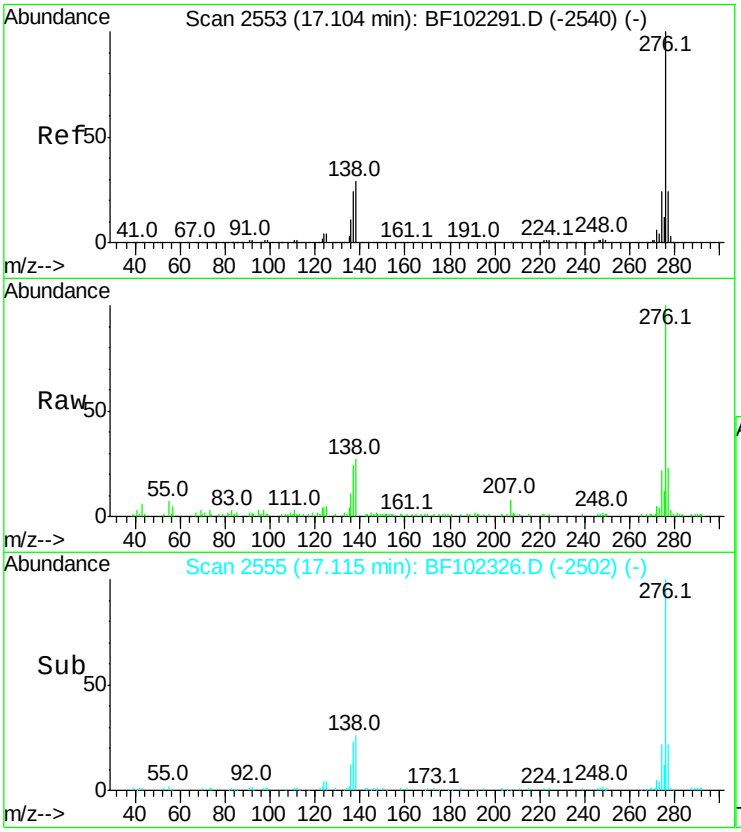


#90
Dibenzo(a,h)anthracene
Concen: 2.148 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Tgt Ion:278 Resp: 21518

Ion	Ratio	Lower	Upper
278	100		
139	23.7	15.9	23.9
279	21.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 10.000 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF102326.D
Acq: 23 Jan 2018 5:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 98893

Ion	Ratio	Lower	Upper
276	100		
277	22.8	17.9	26.9
138	27.2	21.8	32.8