Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102436.D
Acq On : 25 Jan 2018 21:05
Operator : SJ/JU
Sample : J1256-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 00:23:22 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	140149	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	563298	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	234837	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	326817	20.00	ng		0.00
75) Chrysene-d12	13.88	240	222389	20.00	ng		0.00
86) Perylene-d12	15.32	264	225985	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	985683	106.64	ng		0.01
7) Phenol-d6	6.36	99	1178089	105.72	ng		0.00
23) Nitrobenzene-d5	7.29	82	732795	74.76	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	199351	85.67	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1138023	71.25	ng		0.00
78) Terphenyl-d14	12.83	244	681445	69.08	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	65313	5.369	ng		99
25) Isophorone	7.29	82	724373	41.452	ng	#	64
31) Naphthalene	8.02	128	79831	2.838	ng		98
37) 2-Methylnaphthalene	8.71	142	38310	2.045	ng		94
49) Dimethylphthalate	9.47	163	266377	13.723	ng		99
51) Acenaphthene	9.78	154	66484	4.477	ng		98
53) 2,4-Dinitrophenol	10.03	184	107	3.750	ng	#	45
54) Dibenzofuran	9.96	168	75868	3.775	ng		97
57) Fluorene	10.30	166	80112	5.030	ng		98
70) Phenanthrene	11.26	178	599891	31.500	ng		99
71) Anthracene	11.31	178	154042	7.925	ng		99
72) Carbazole	11.47	167	71848	3.789	ng		97
74) Fluoranthene	12.46	202	578241	29.775	ng		97
77) Pyrene	12.68	202	525682	30.573	ng		99
80) Benzo(a)anthracene	13.87	228	234222	17.107	ng		98
82) Chrysene	13.91	228	227784	16.383	ng		97
85) Indeno(1,2,3-cd)pyrene	16.72	276	113434	9.879	ng		96
87) Benzo(b)fluoranthene	14.91	252	355812	24.292	ng	#	85
88) Benzo(k)fluoranthene	14.91	252	355812	25.712	ng	#	88
89) Benzo(a)pyrene	15.26	252	188398	14.262	ng	#	88
90) Dibenzo(a,h)anthracene	16.73	278	30288	2.830	ng	#	72
91) Benzo(g,h,i)perylene	17.14	276	104823	9.921	ng		91

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

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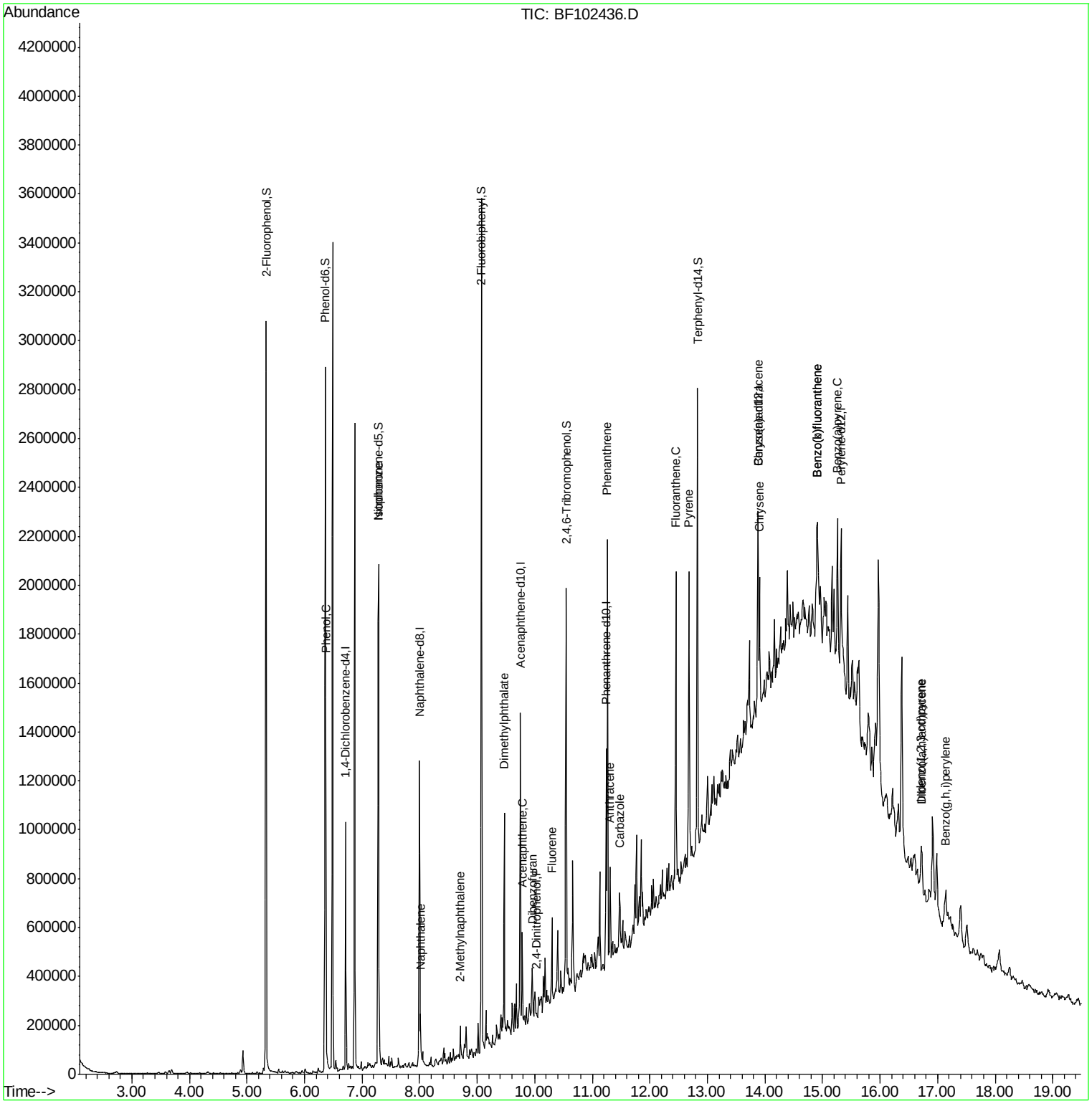
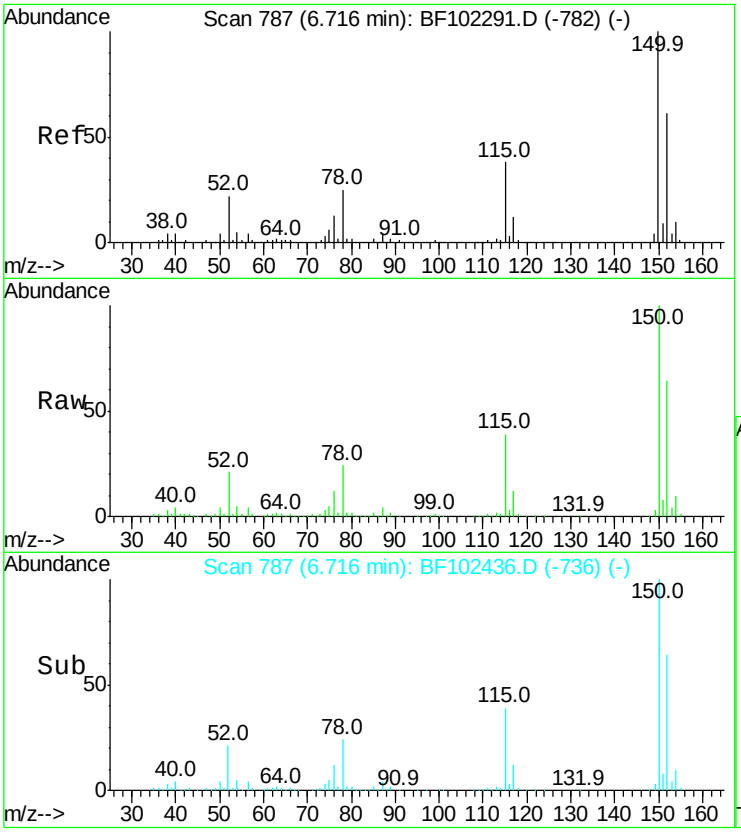


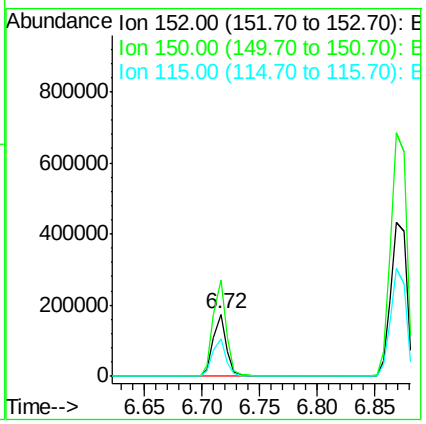


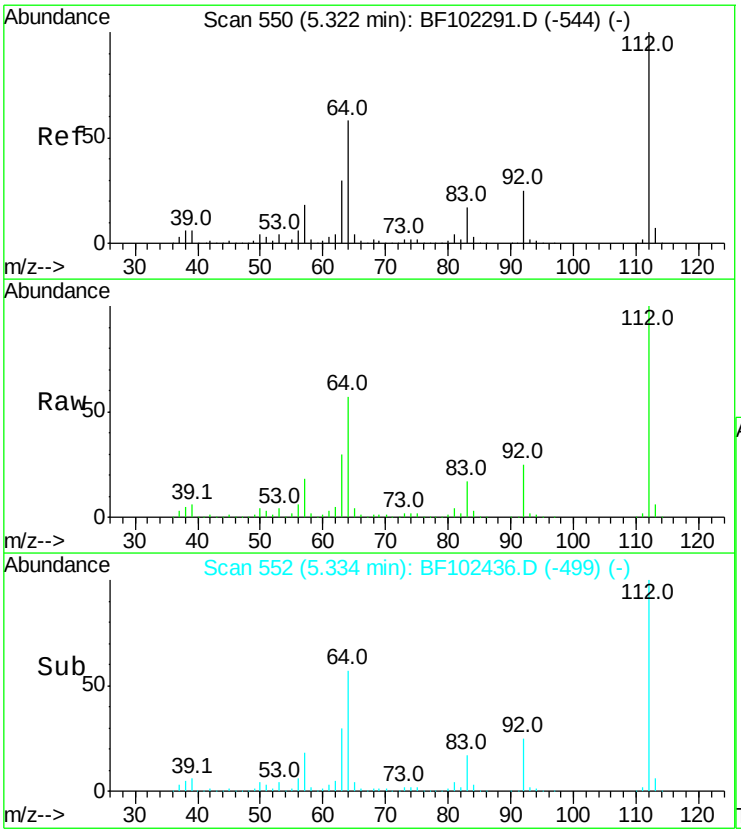
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 140149

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	61.2	50.1	75.1

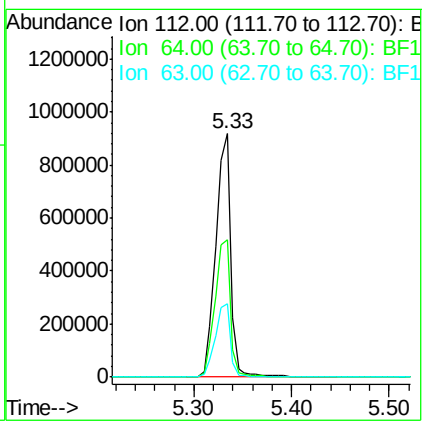


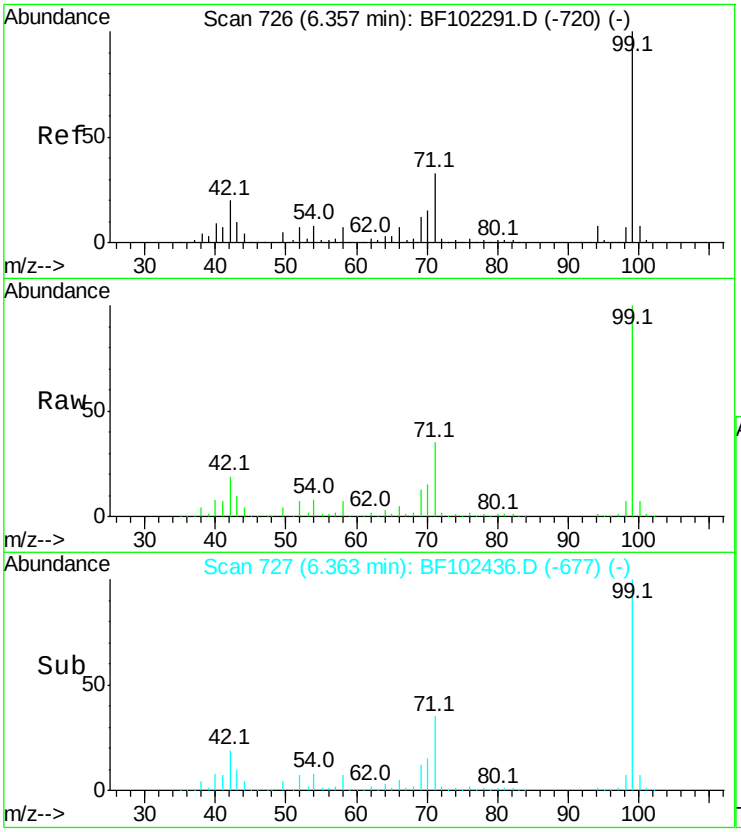


#5
2-Fluorophenol
Concen: 106.640 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:112 Resp: 985683

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	30.0	23.7	35.5



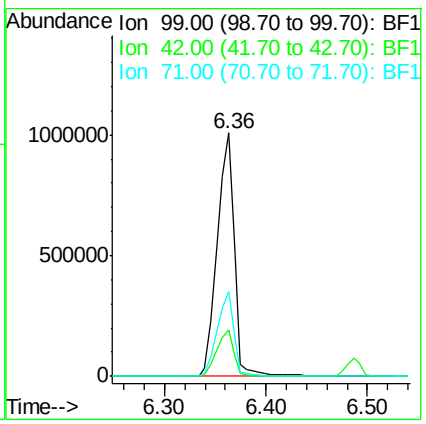


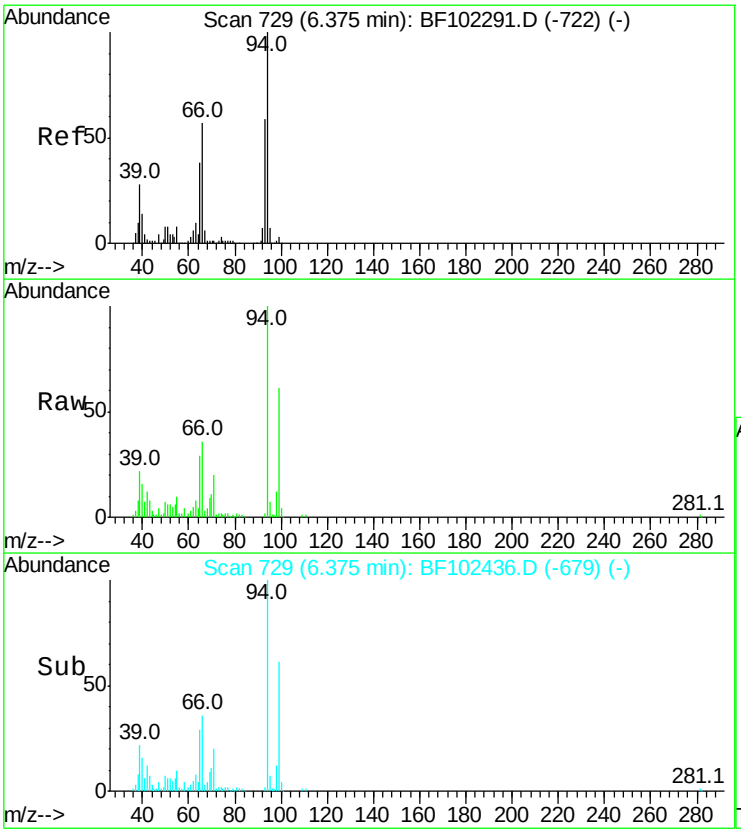
#7
Phenol-d6
Concen: 105.721 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1178089

Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	34.7	25.4	38.0

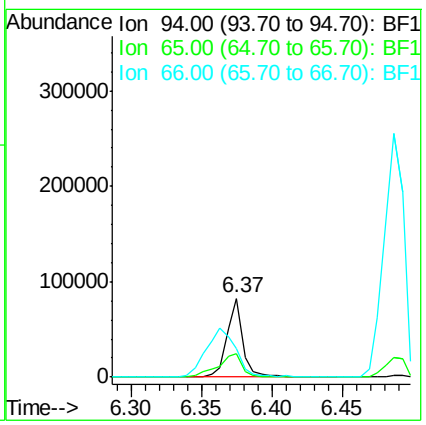


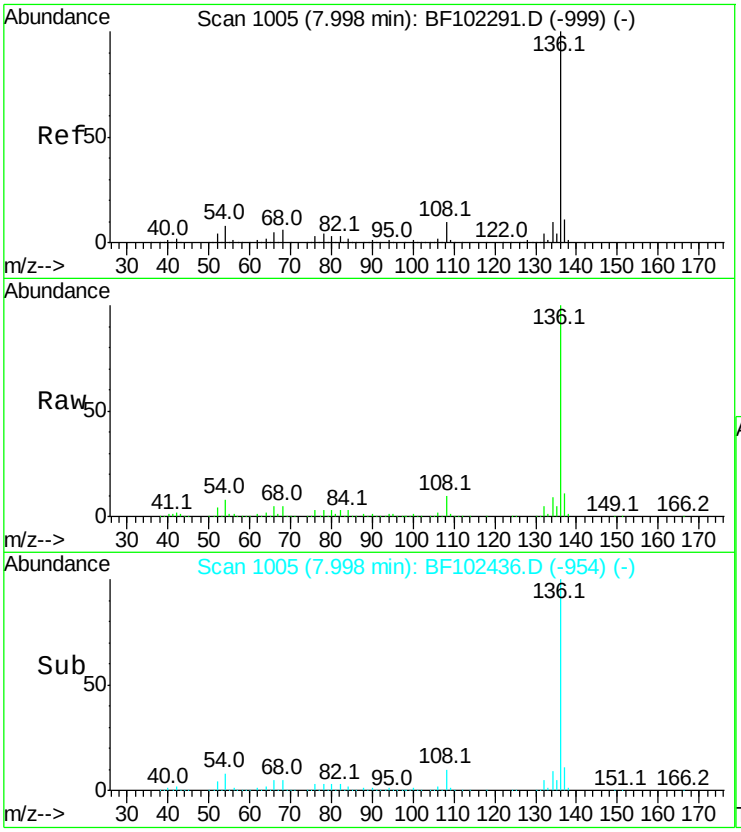


#10
Phenol
Concen: 5.369 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion: 94 Resp: 65313

Ion	Ratio	Lower	Upper
94	100		
65	29.4	7.9	47.9
66	36.1	16.2	56.2



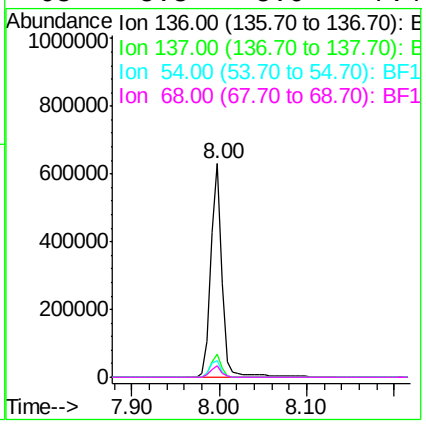


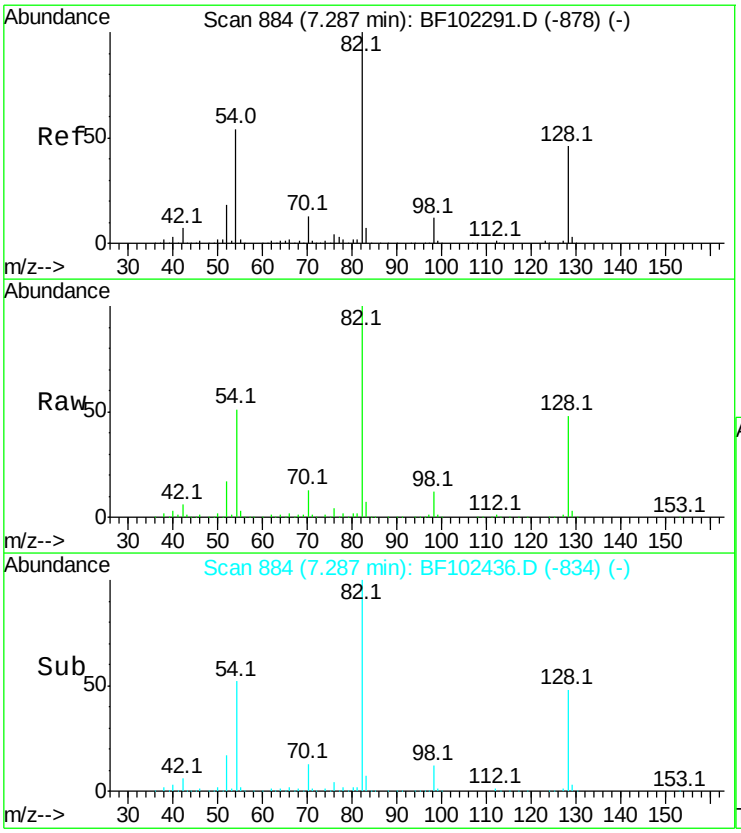
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 563298

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.7	6.6	9.8
68	5.3	5.0	7.4

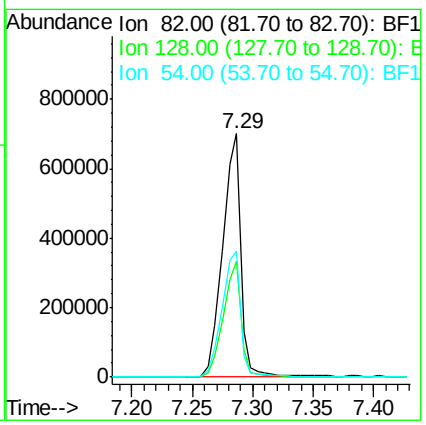


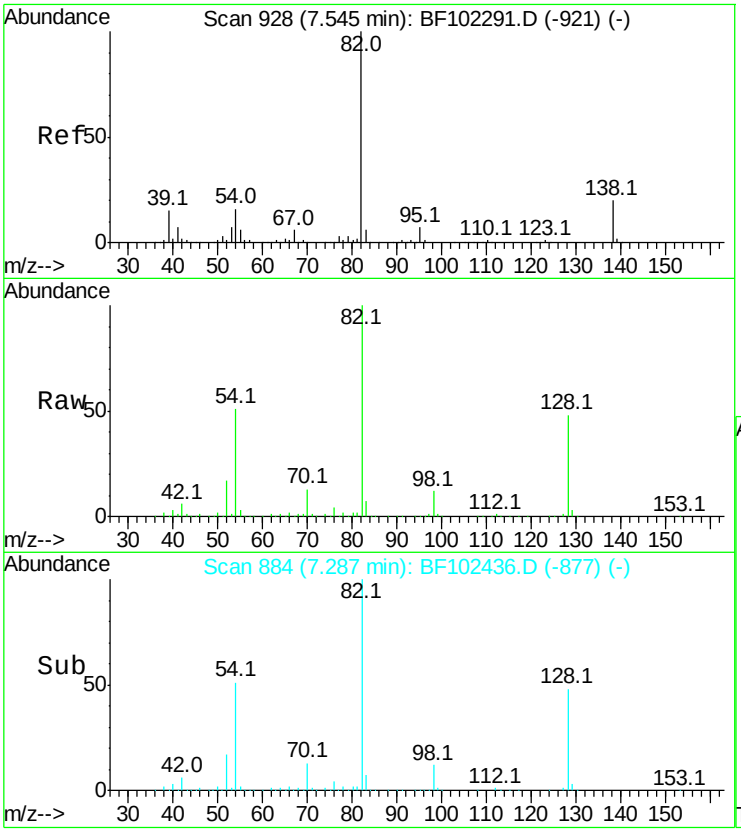


#23
Nitrobenzene-d5
Concen: 74.759 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion: 82 Resp: 732795

Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.1	54.1
54	51.5	41.4	62.2



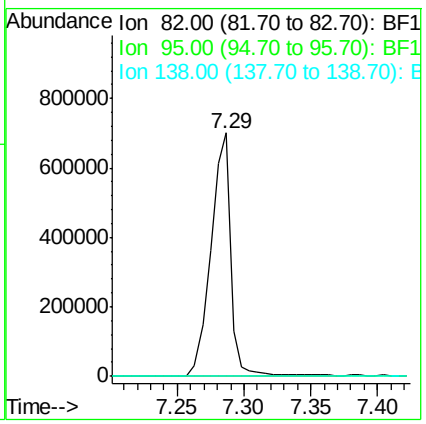


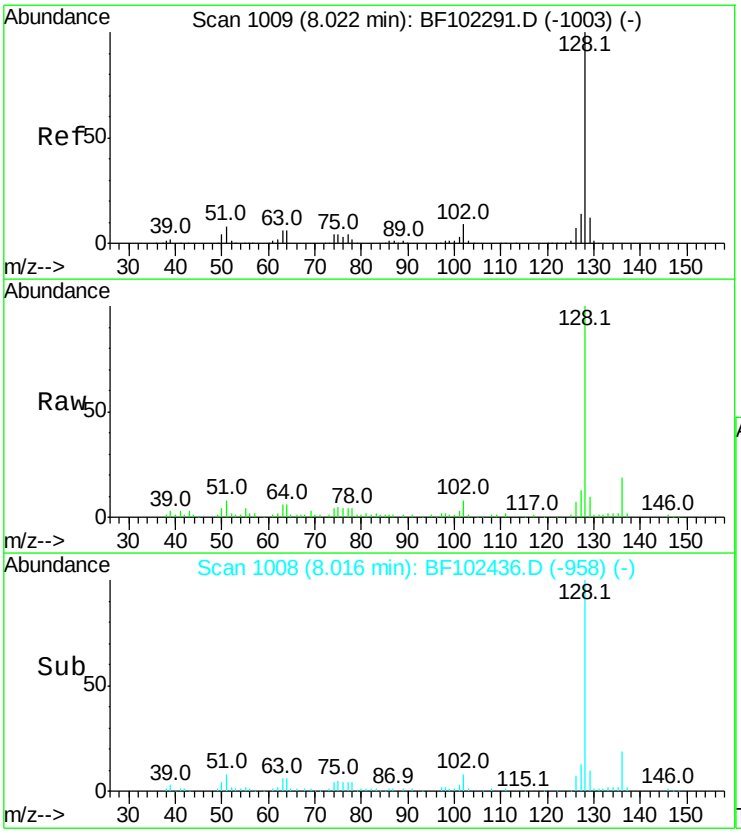
#25
Isophorone
Concen: 41.452 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 724373

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

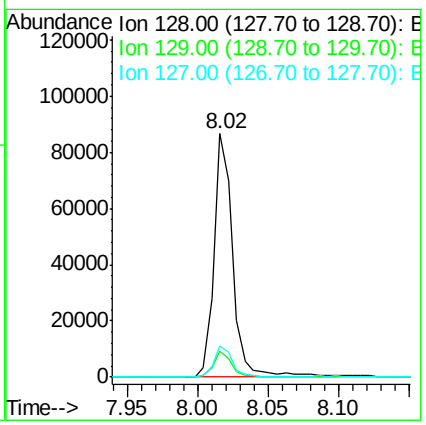


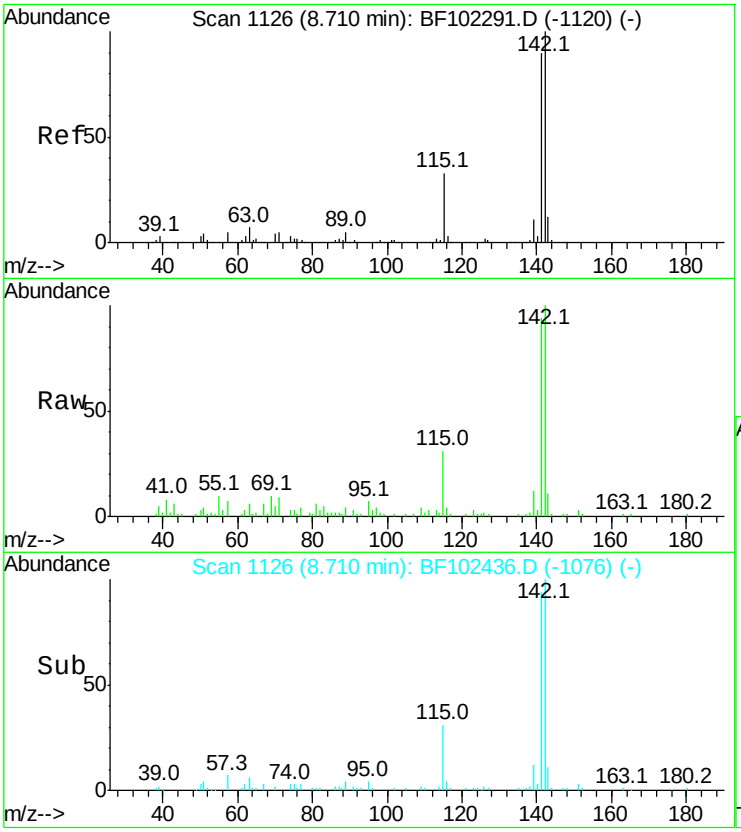


#31
Naphthalene
Concen: 2.838 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:128 Resp: 79831

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.7	10.9	16.3



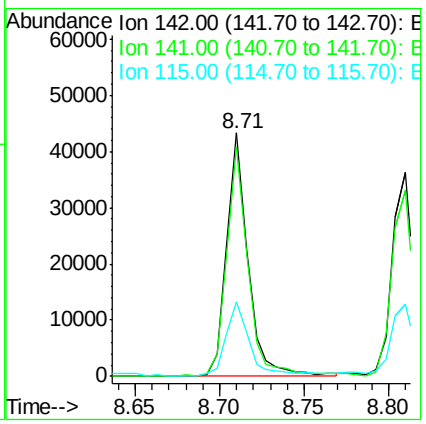


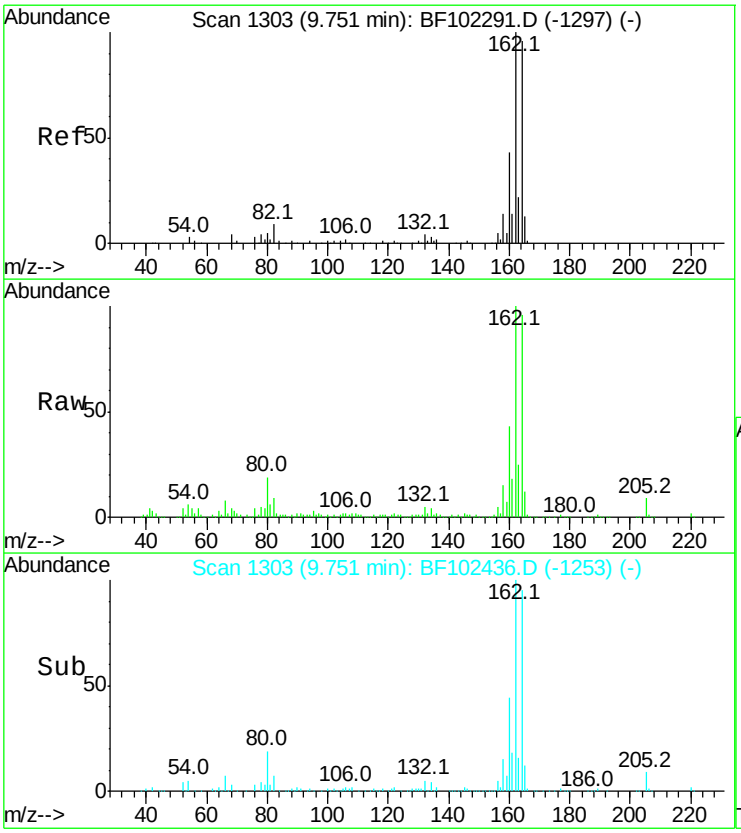
#37
2-Methylnaphthalene
Concen: 2.045 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 38310

Ion	Ratio	Lower	Upper
142	100		
141	94.5	70.8	106.2
115	30.6	26.1	39.1

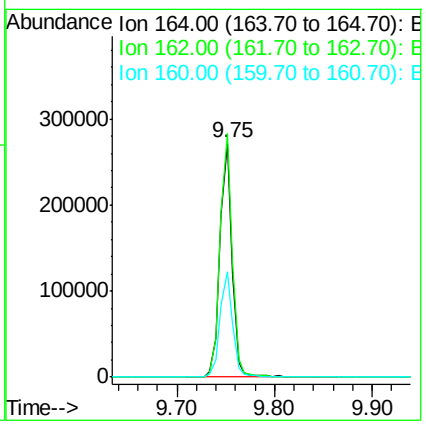


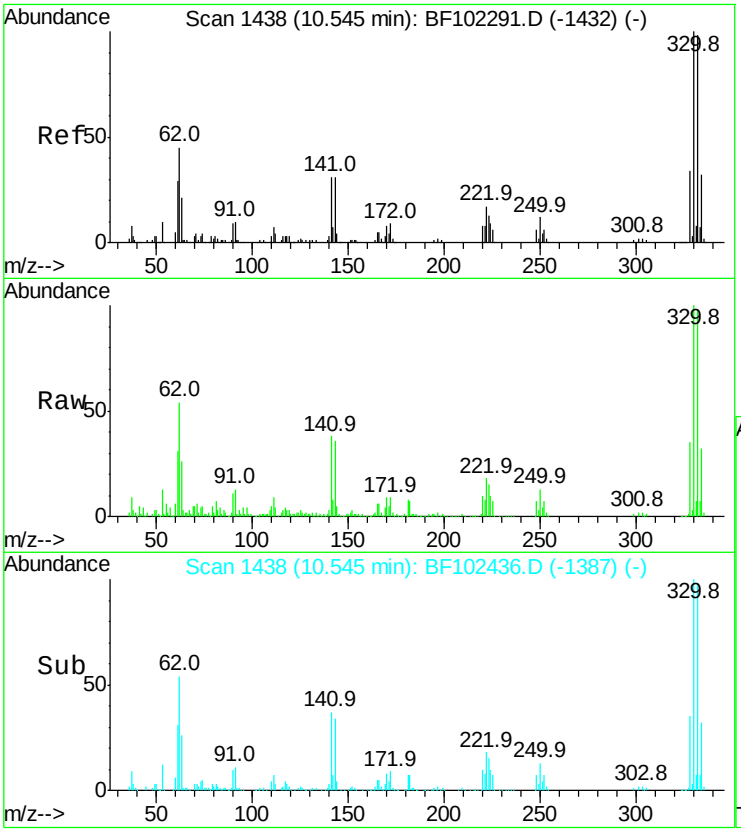


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:164 Resp: 234837

Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	45.3	38.3	57.5



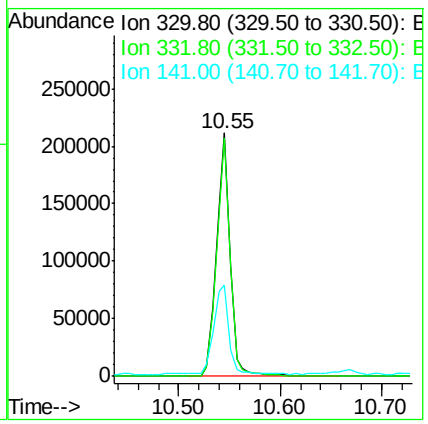


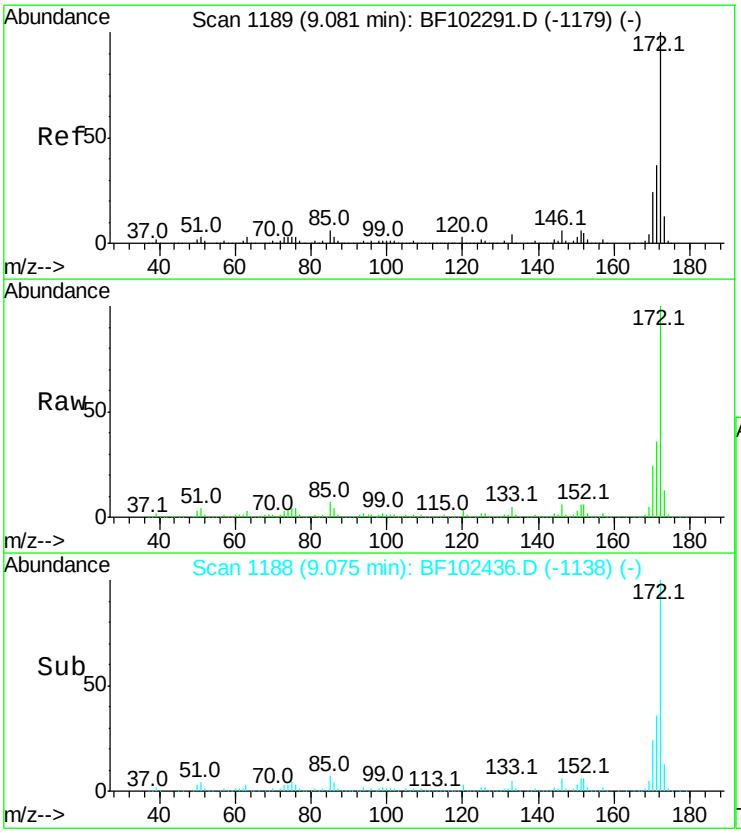
#41
2,4,6-Tribromophenol
Concen: 85.672 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 199351

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	40.6	29.9	44.9

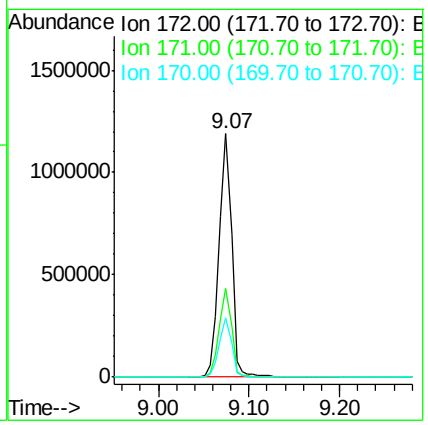


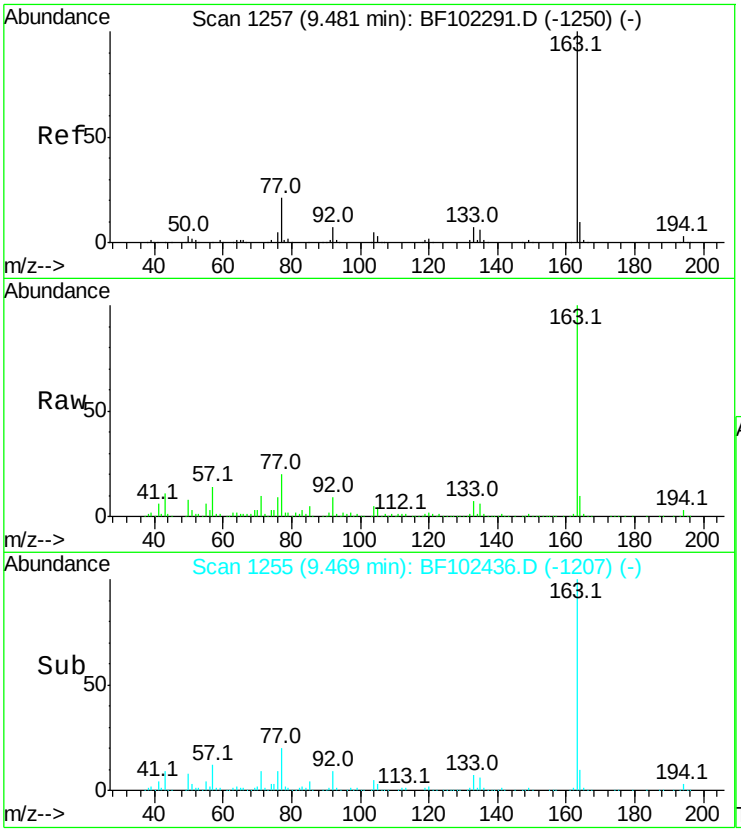


#44
2-Fluorobiphenyl
Concen: 71.253 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:172 Resp: 1138023

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4

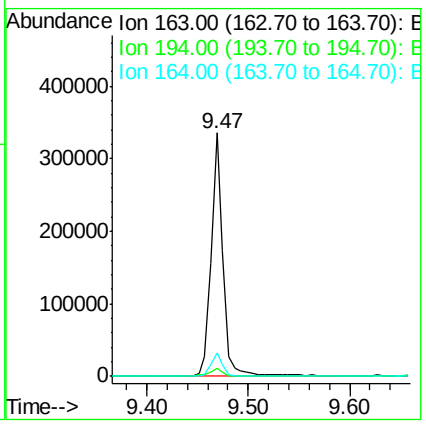




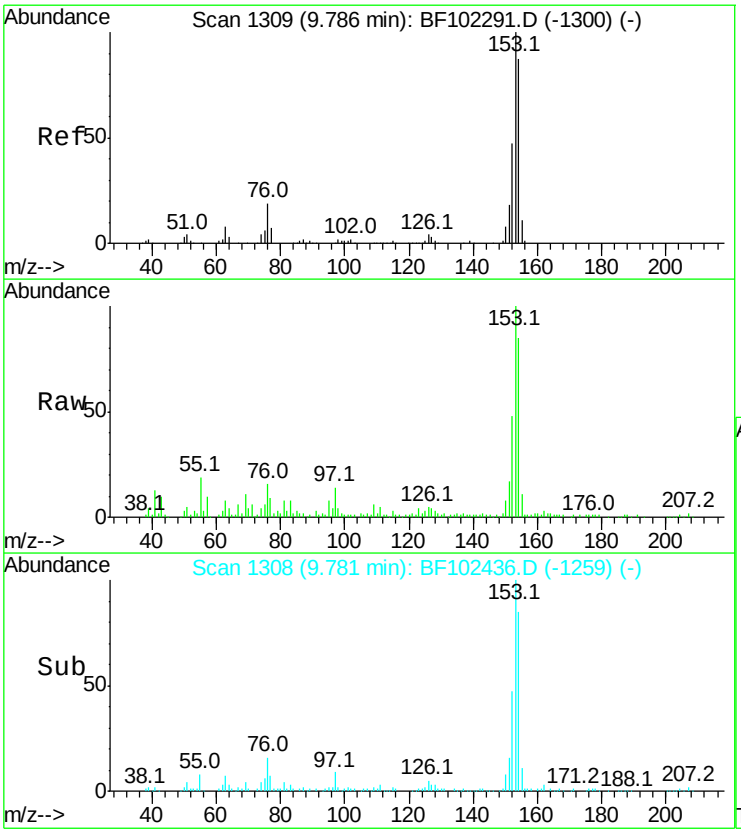
#49
Dimethylphthalate
Concen: 13.723 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:163 Resp: 266377

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	8.2	12.2



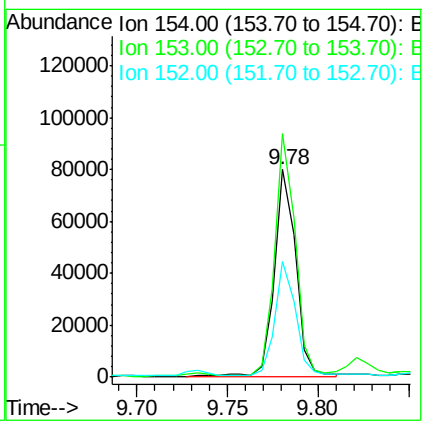
Instrument :
BNA_F
ClientSampleId :

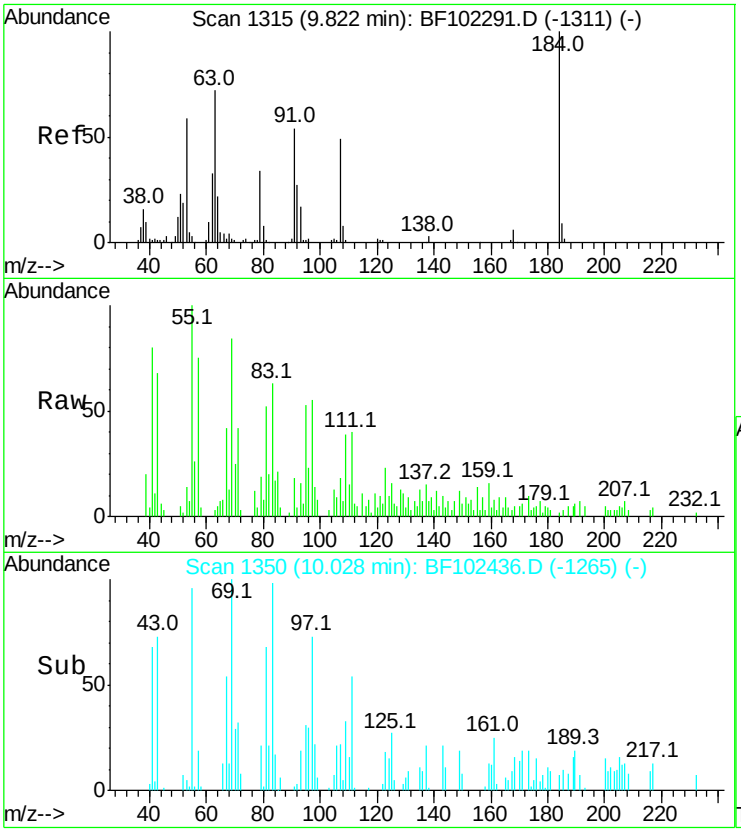


#51
Acenaphthene
Concen: 4.477 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:154 Resp: 66484

Ion	Ratio	Lower	Upper
154	100		
153	117.3	91.2	136.8
152	55.8	43.8	65.8



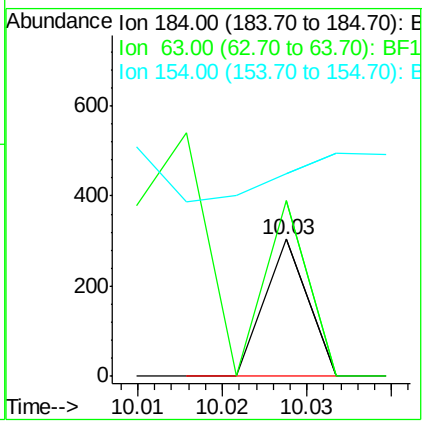


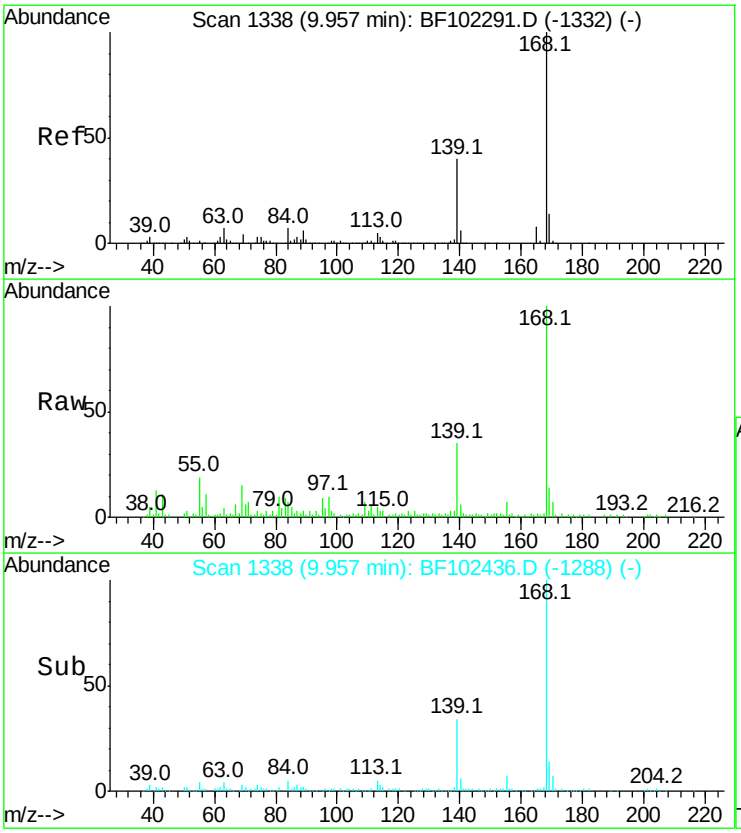
#53
2,4-Dinitrophenol
Concen: 3.750 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.20 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	128.3	54.2	81.2#
154	148.0	184.0	276.0#

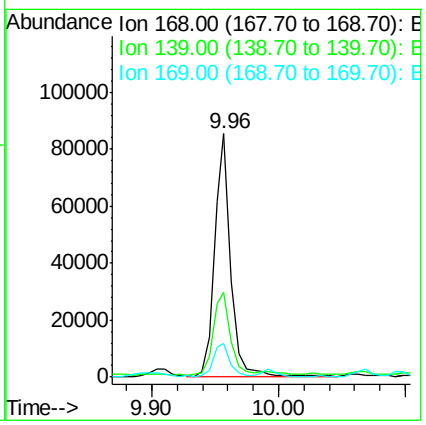


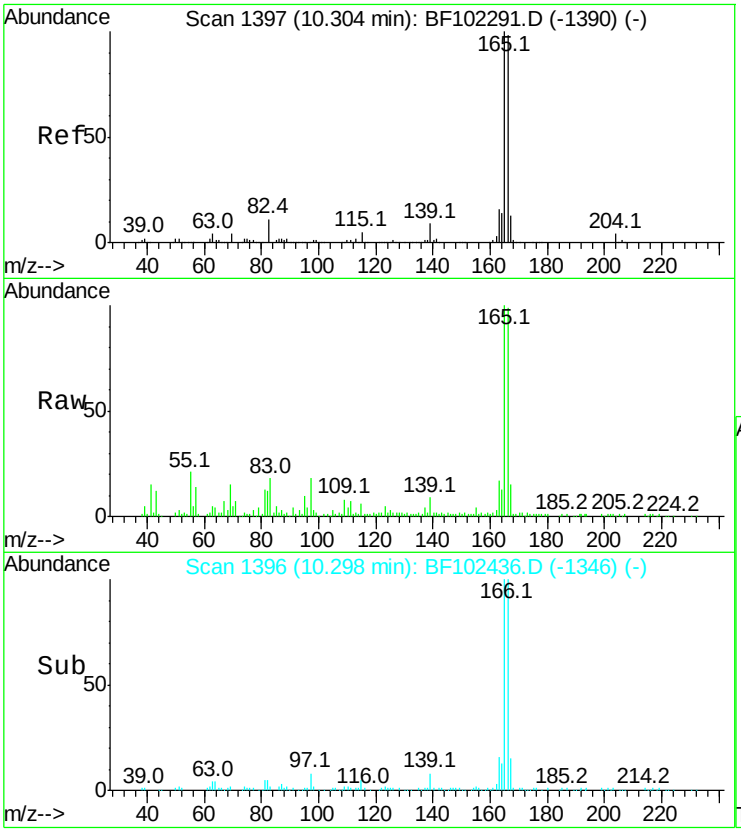


#54
Dibenzofuran
Concen: 3.775 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:168 Resp: 75868

Ion	Ratio	Lower	Upper
168	100		
139	34.8	30.1	45.1
169	13.6	10.9	16.3



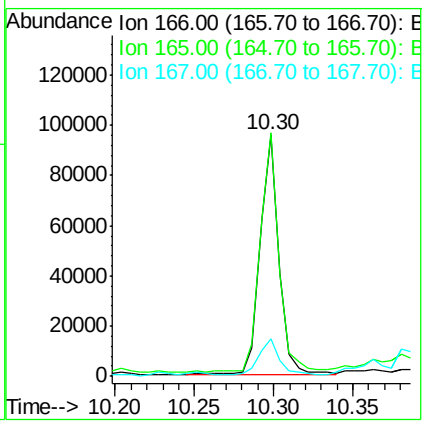


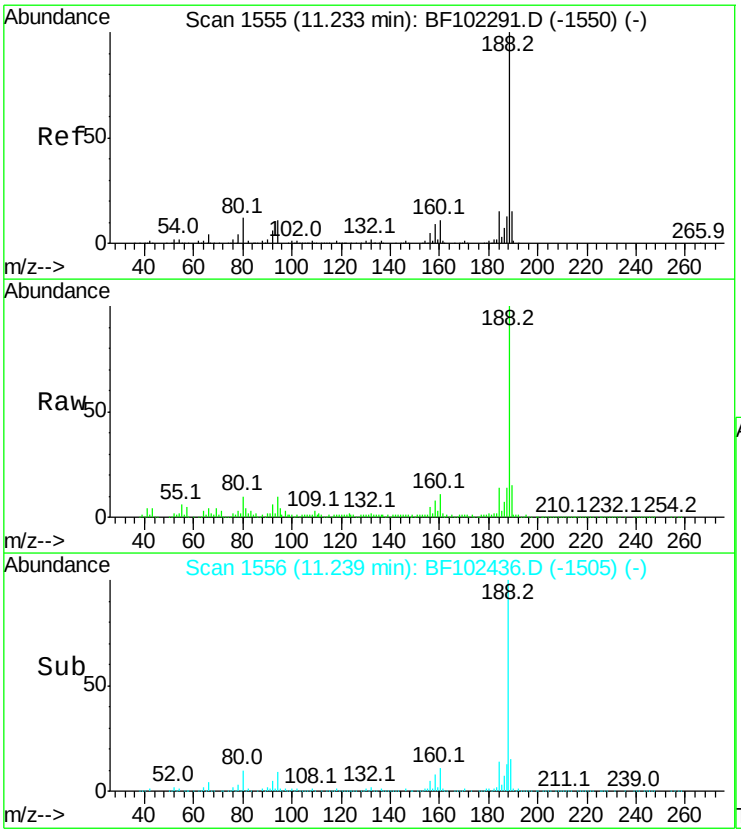
#57
Fluorene
Concen: 5.030 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 80112

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.8	119.8
167	15.6	10.6	16.0

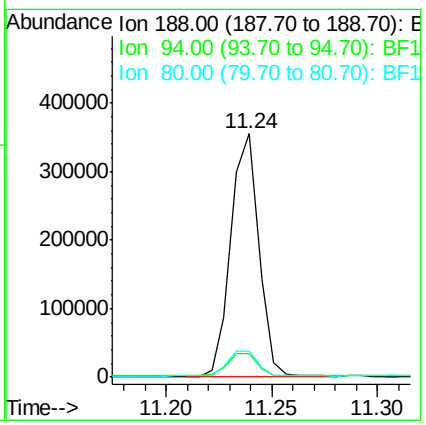


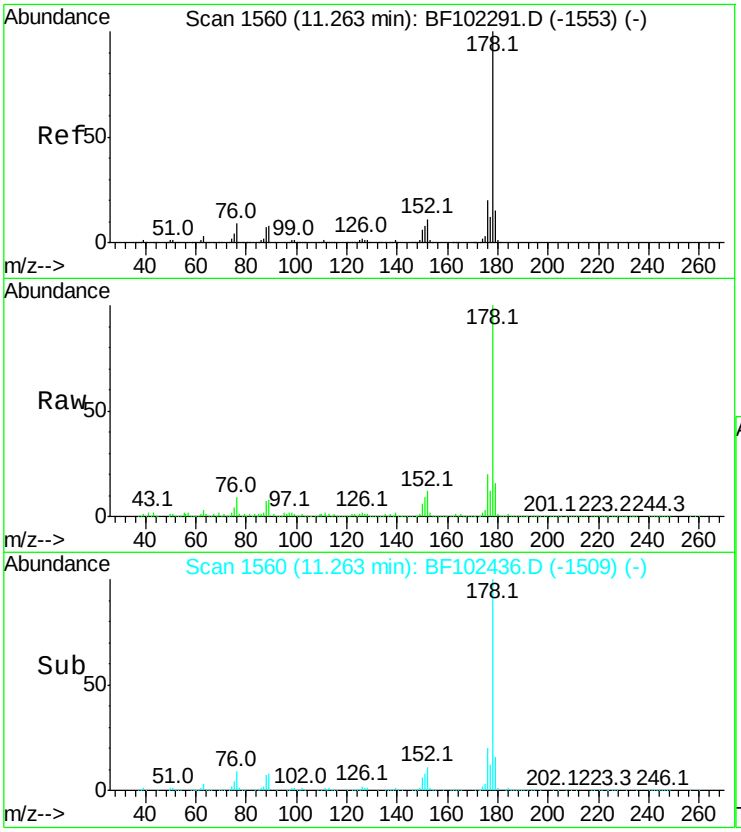


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:188 Resp: 326817

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.5	9.2	13.8



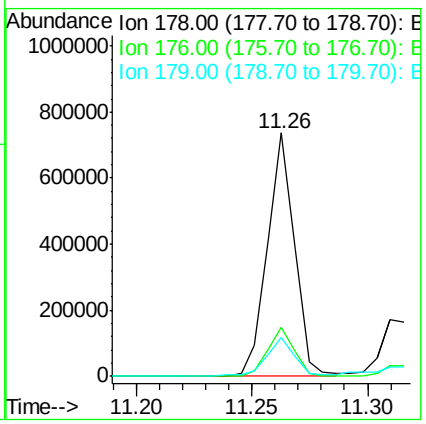


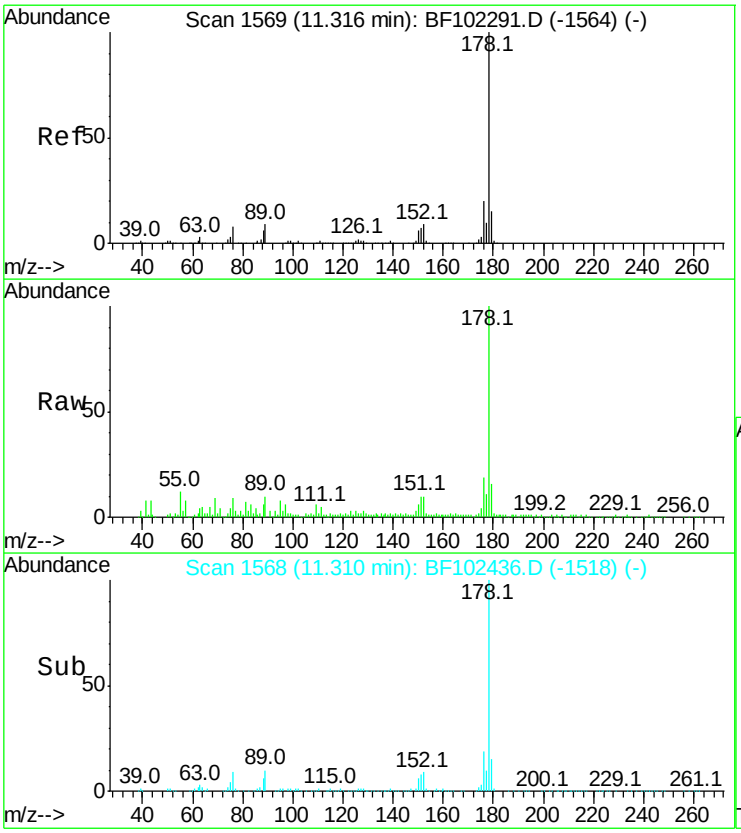
#70
Phenanthrene
Concen: 31.500 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 599891

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.0	13.0	19.6

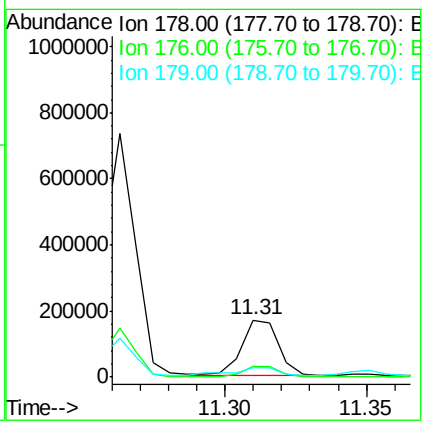


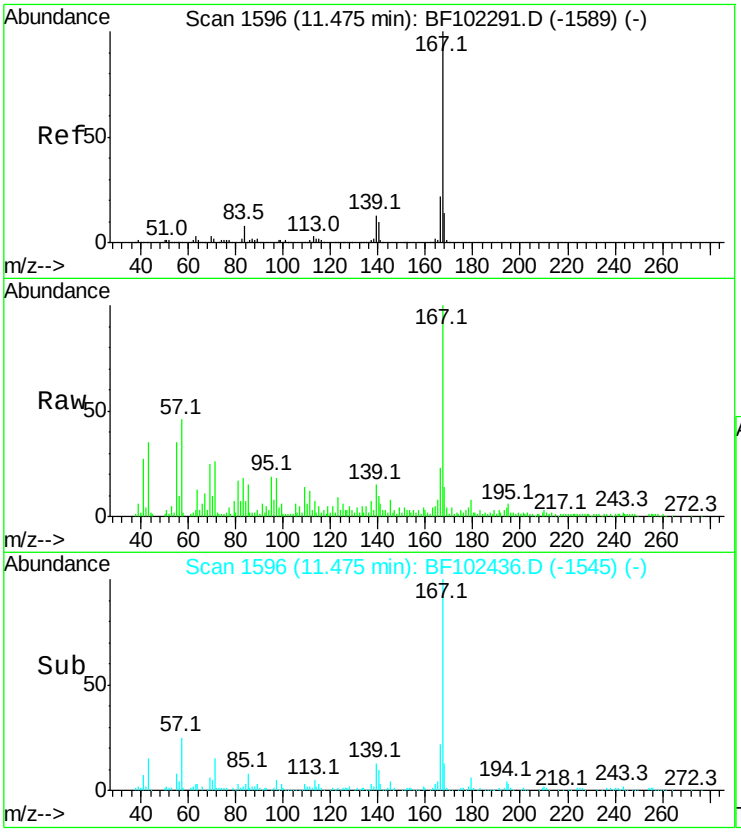


#71
Anthracene
Concen: 7.925 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:178 Resp: 154042

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.2	12.6	19.0



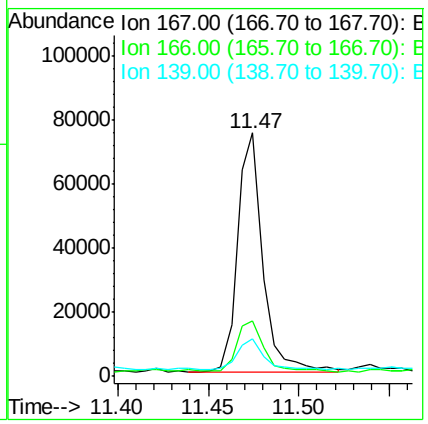


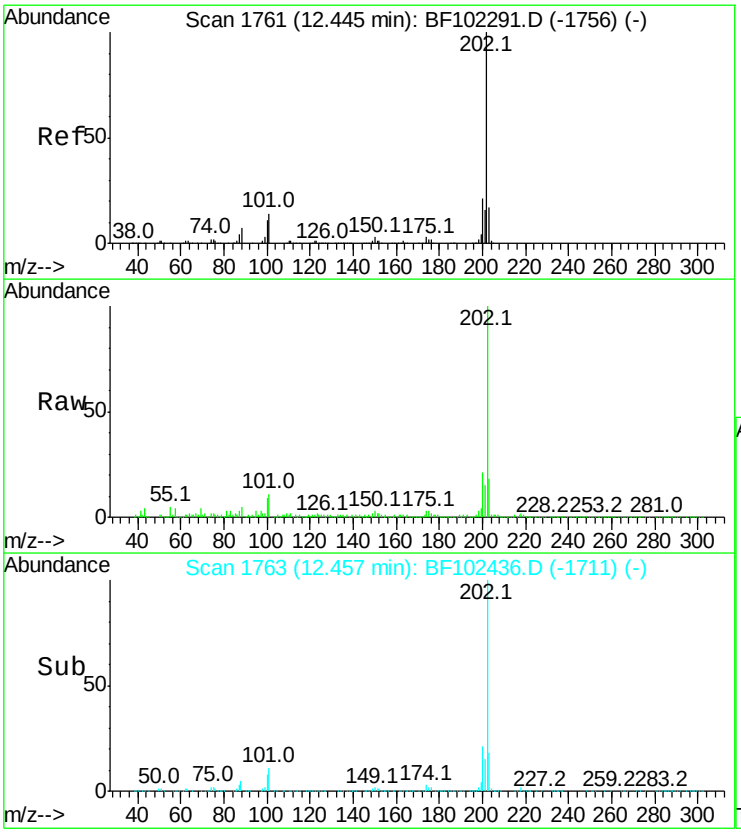
#72
Carbazole
Concen: 3.789 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 71848

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.6	26.4
139	15.2	10.9	16.3

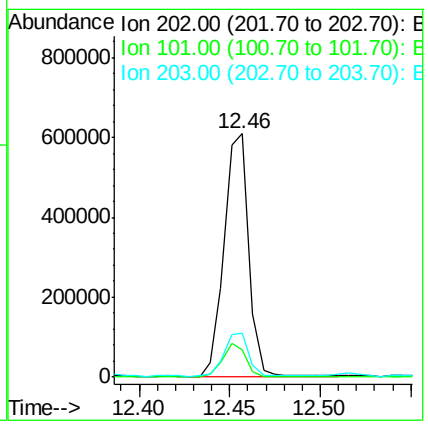


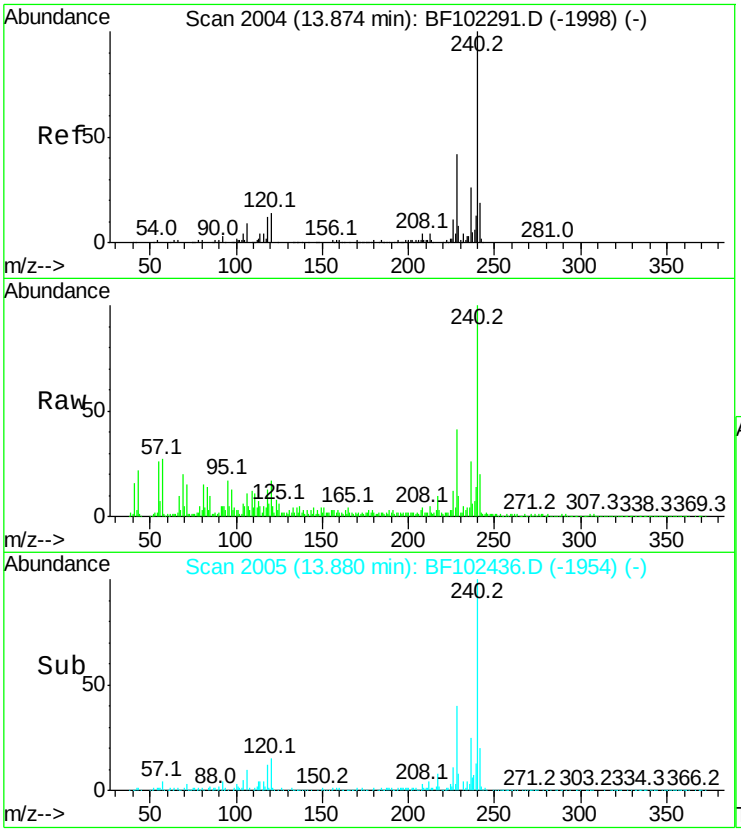


#74
Fluoranthene
Concen: 29.775 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:202 Resp: 578241

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.1	0.0	38.1



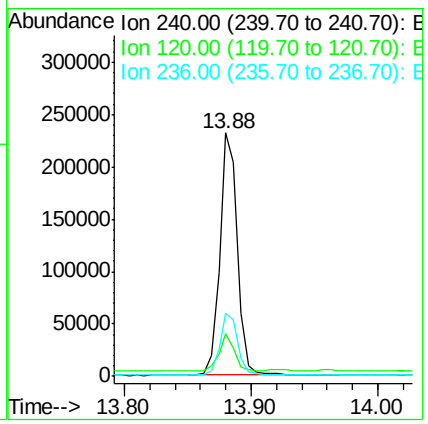


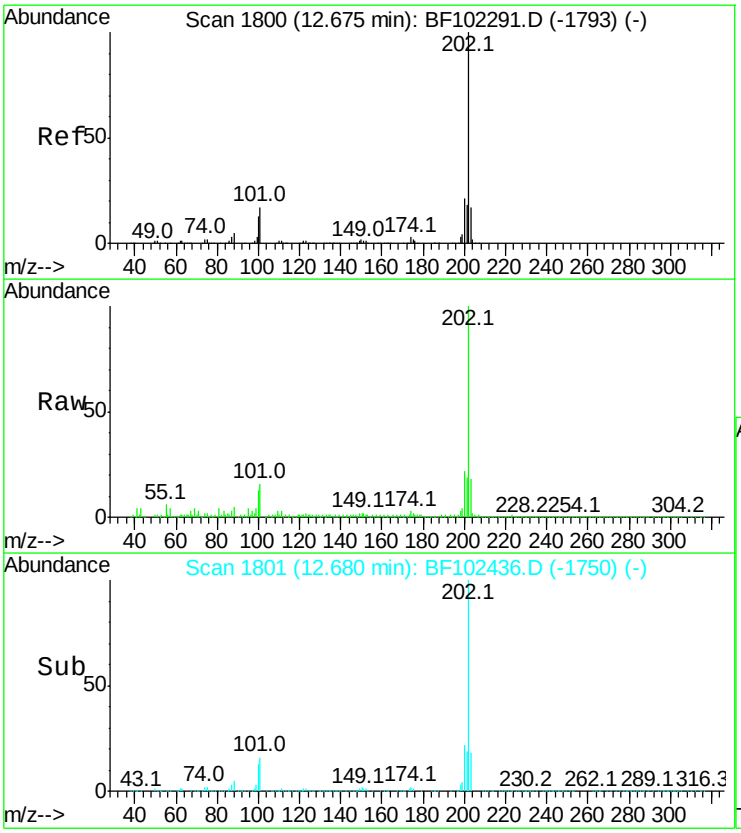
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 222389

Ion	Ratio	Lower	Upper
240	100		
120	17.3	9.5	14.3#
236	25.8	20.7	31.1

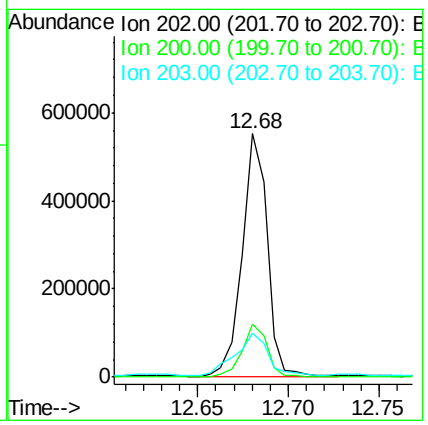


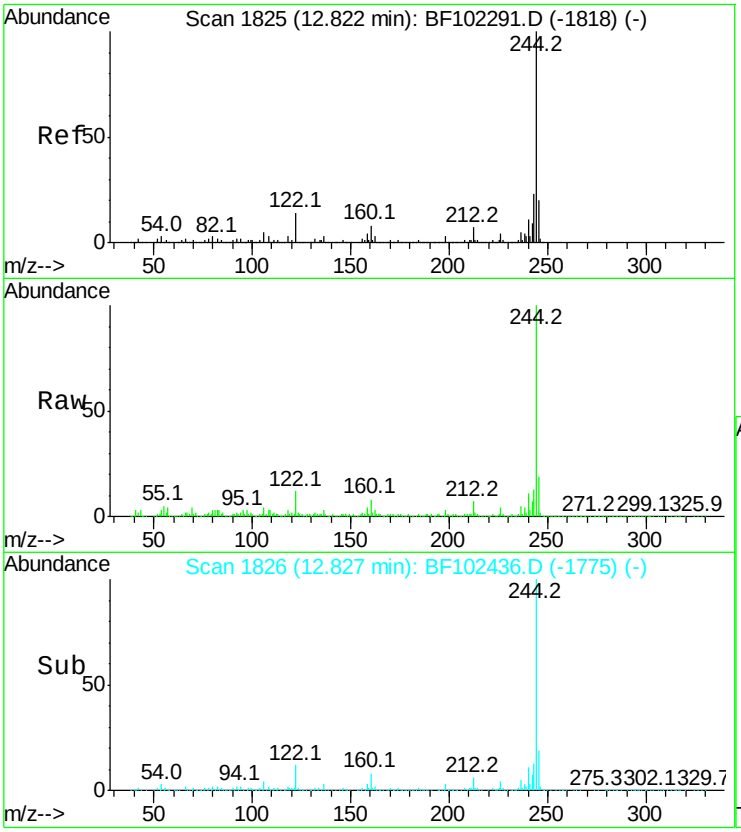


#77
Pyrene
Concen: 30.573 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:202 Resp: 525682

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.2	14.3	21.5



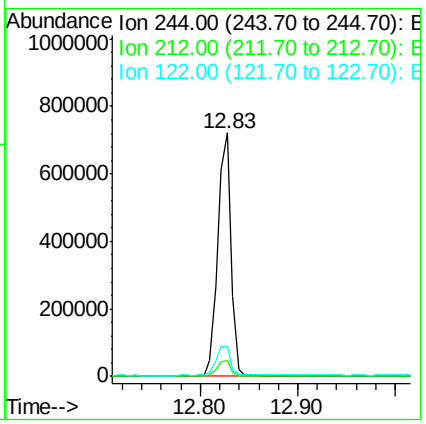


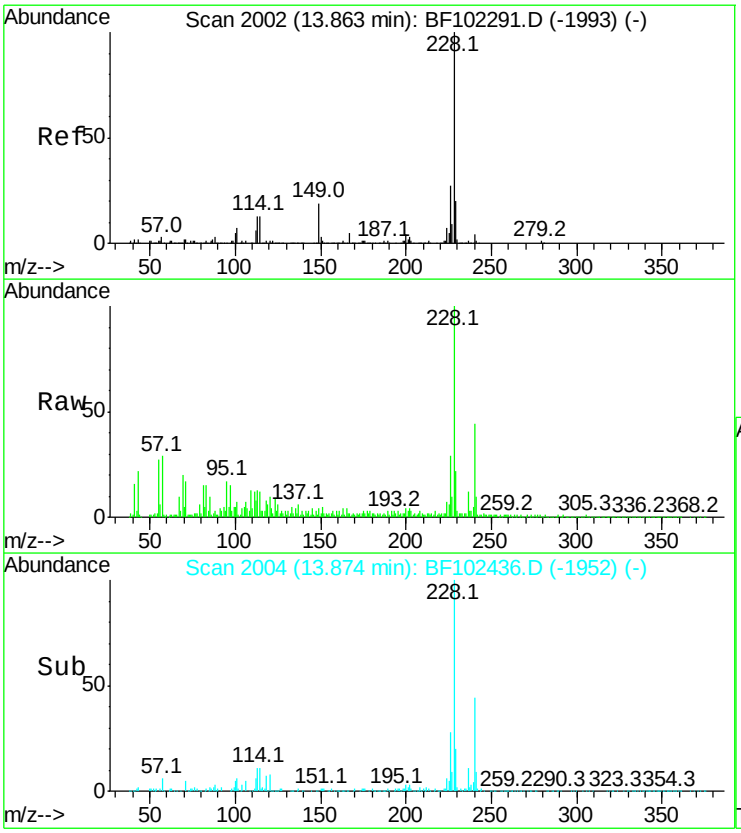
#78
Terphenyl-d14
Concen: 69.078 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 681445

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.4	11.0	16.4

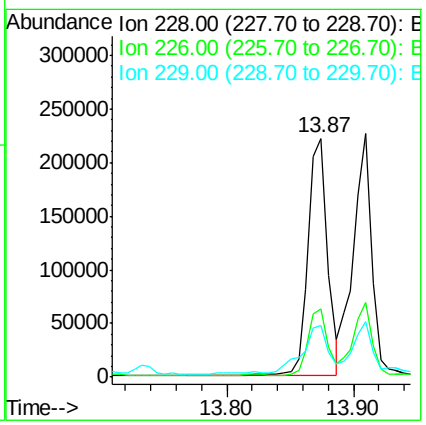


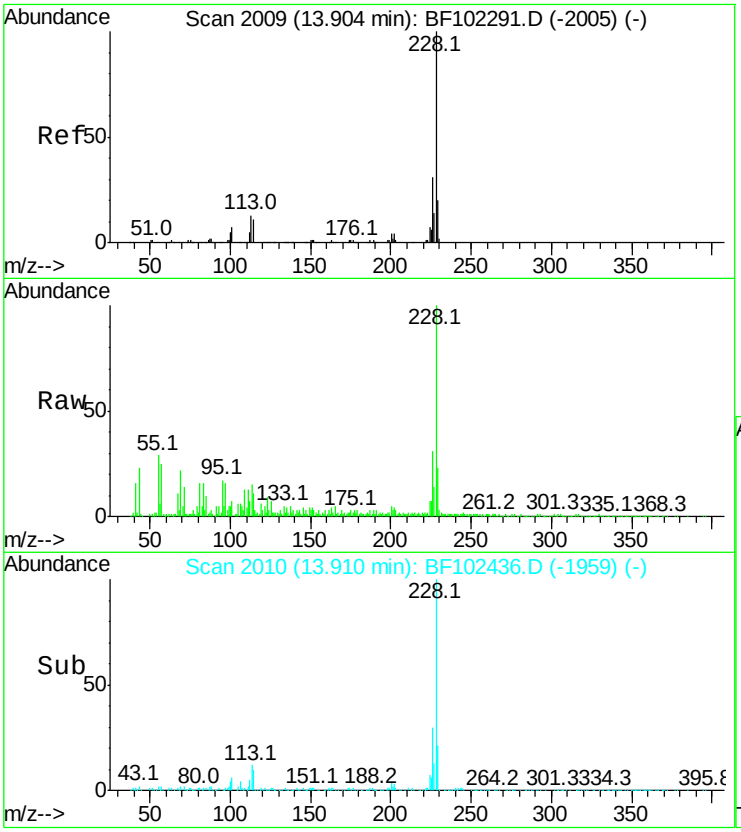


#80
Benzo(a)anthracene
Concen: 17.107 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:228 Resp: 234222

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	21.5	15.8	23.6



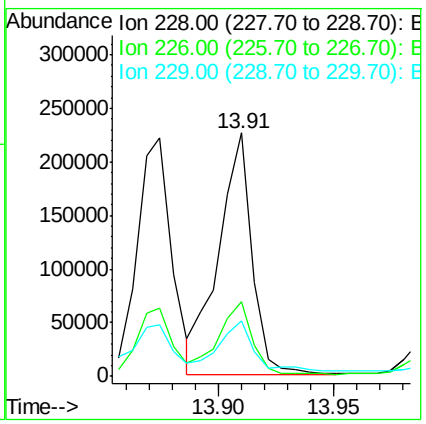


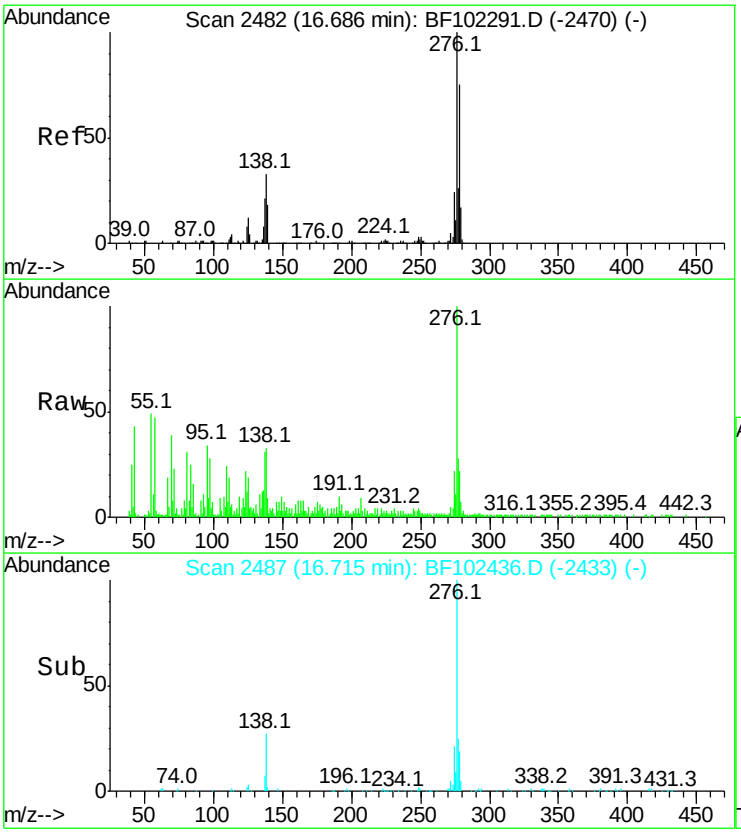
#82
Chrysene
Concen: 16.383 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 227784

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.9	16.2	24.4

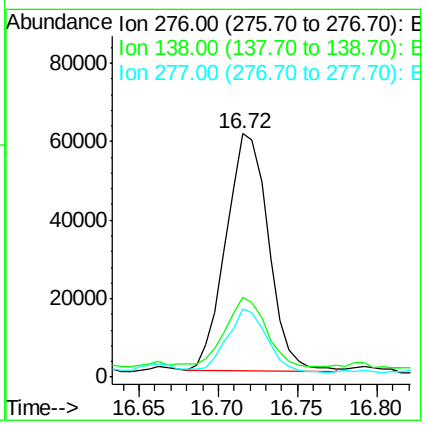


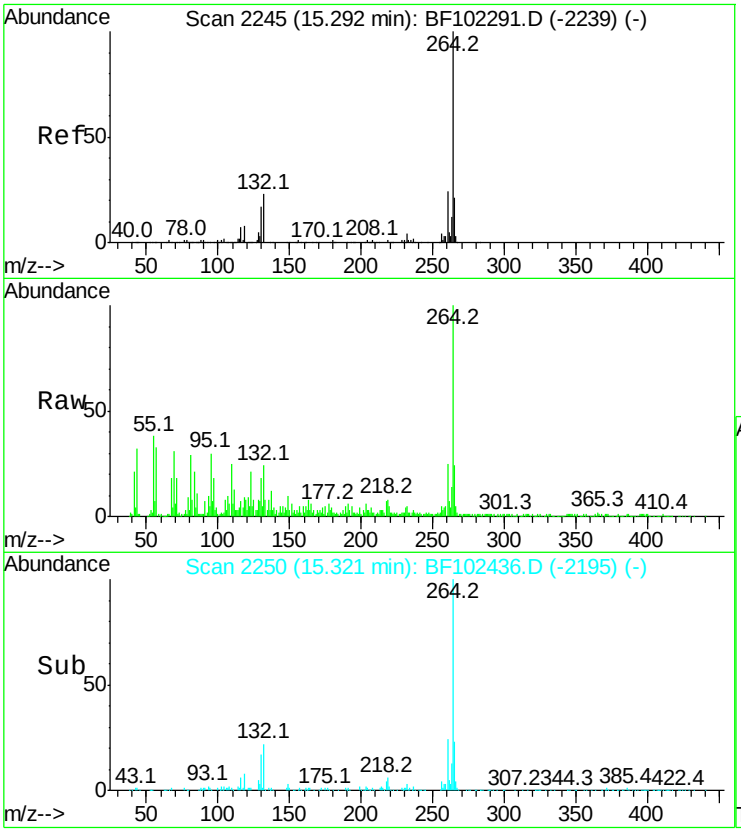


#85
Indeno(1,2,3-cd)pyrene
Concen: 9.879 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:276 Resp: 113434

Ion	Ratio	Lower	Upper
276	100		
138	27.6	25.0	37.6
277	25.0	20.1	30.1



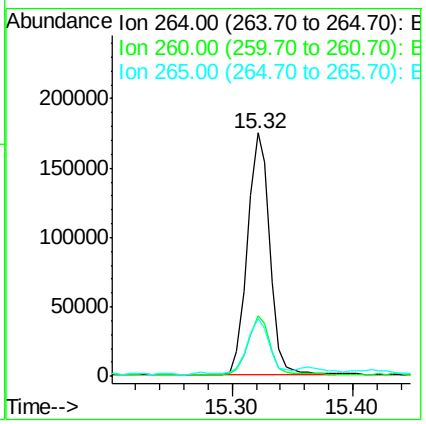


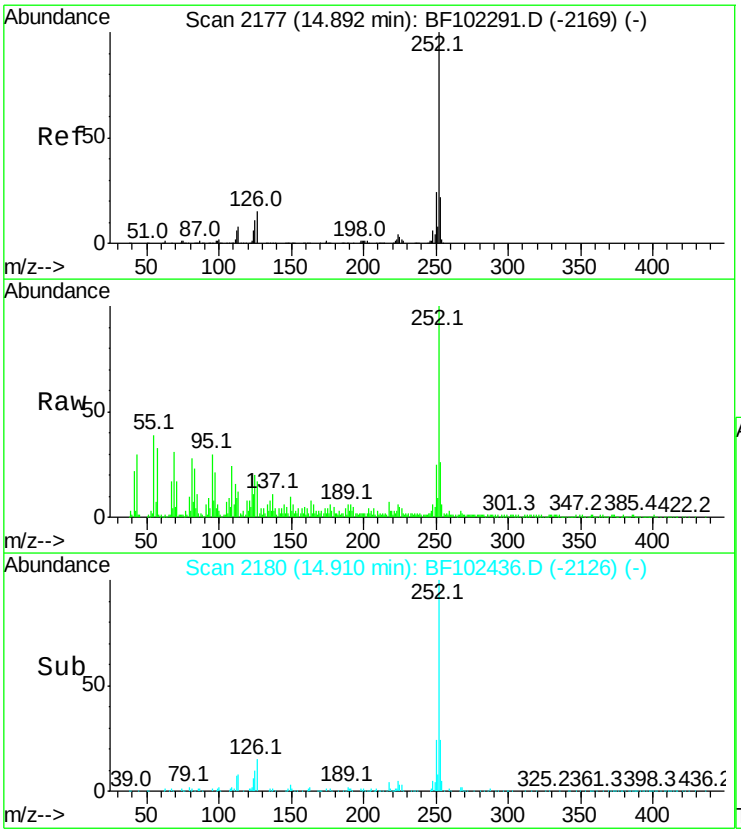
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 225985

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.7	17.5	26.3

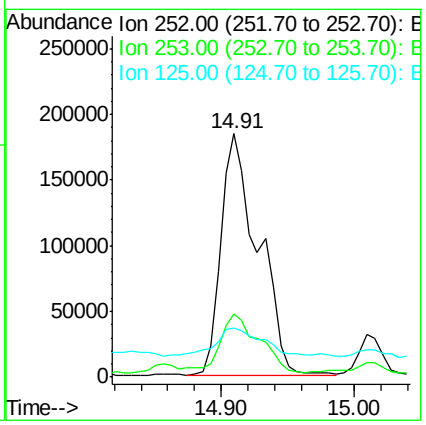


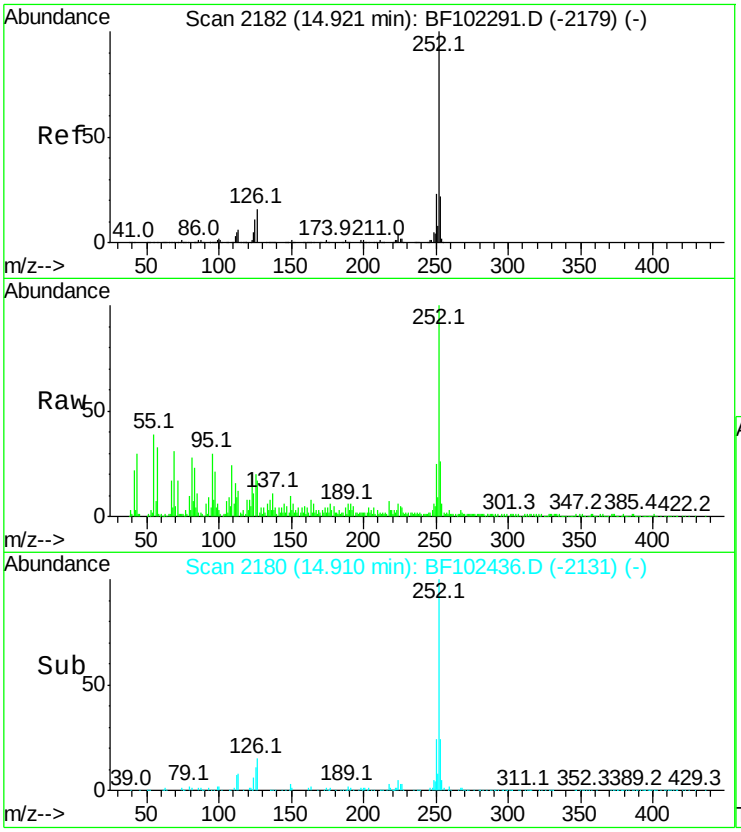


#87
Benzo(b)fluoranthene
Concen: 24.292 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:252 Resp: 355812

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.0	25.6#
125	20.2	9.0	13.6#



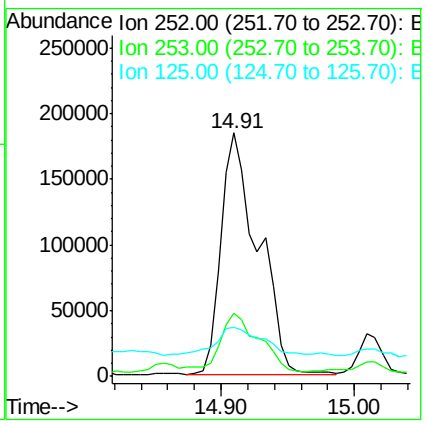


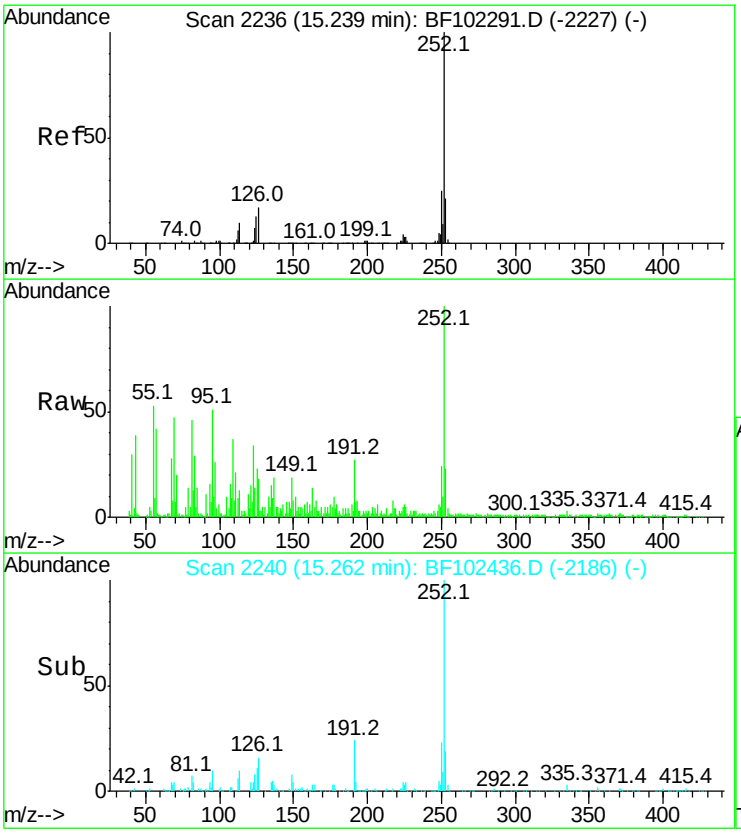
#88
Benzo(k)fluoranthene
Concen: 25.712 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 355812

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.9	26.9
125	20.2	10.2	15.2#

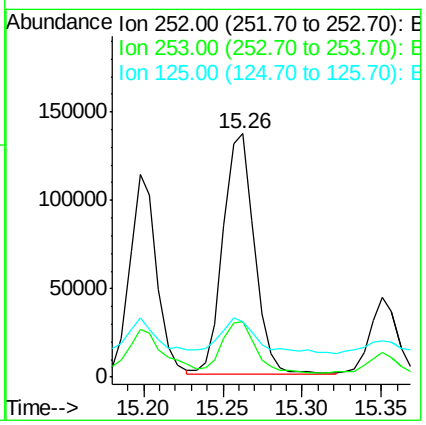


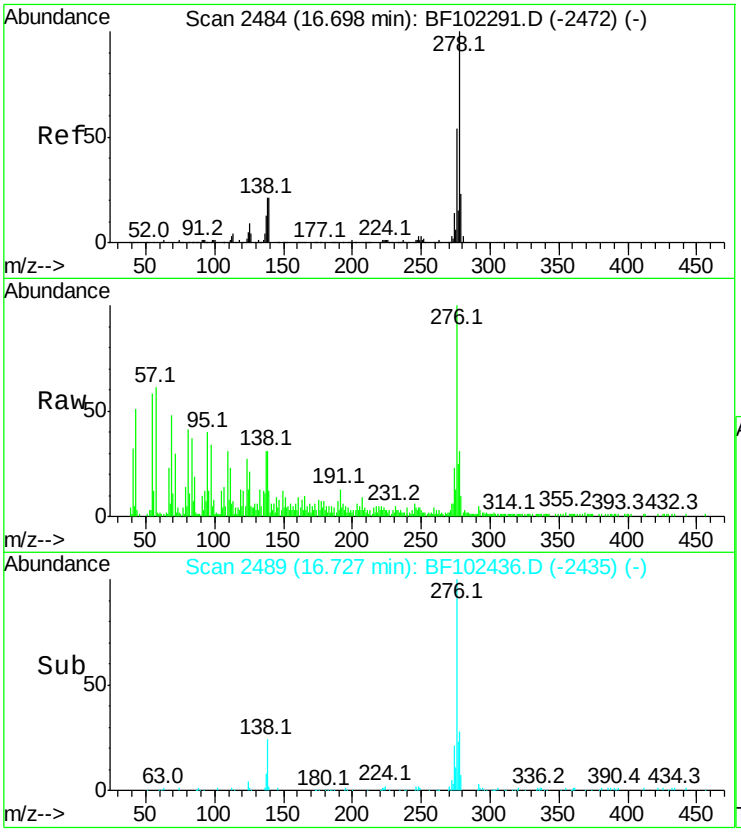


#89
Benzo(a)pyrene
Concen: 14.262 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:252 Resp: 188398

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	22.8	9.8	14.6#



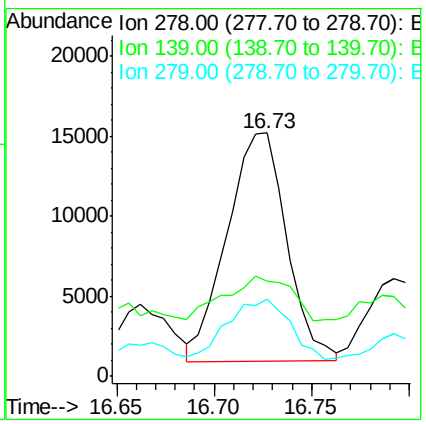


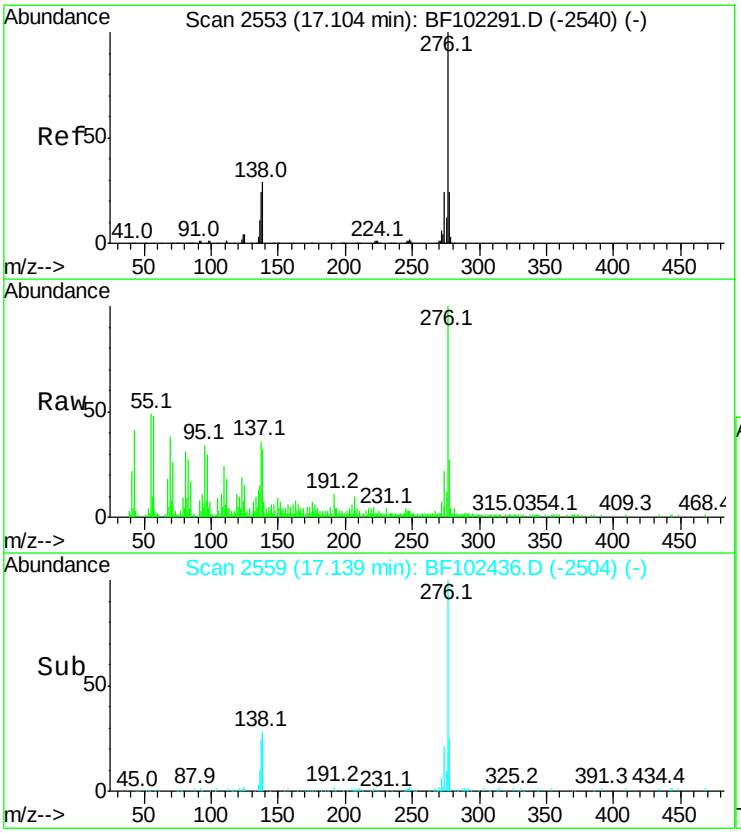
#90
Dibenzo(a,h)anthracene
Concen: 2.830 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 30288

Ion	Ratio	Lower	Upper
278	100		
139	39.1	15.9	23.9#
279	31.5	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 9.921 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.02 min
Lab File: BF102436.D
Acq: 25 Jan 2018 21:05

Tgt Ion:276 Resp: 104823

Ion	Ratio	Lower	Upper
276	100		
277	26.8	17.9	26.9
138	31.8	21.8	32.8