Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012318\
Data File : BF102376.D
Acq On : 24 Jan 2018 7:57
Operator : SJ/JU
Sample : J1214-01DL 4X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 24 10:05:46 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	134229	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	557112	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	242958	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	368337	20.00	ng		0.00
75) Chrysene-d12	13.87	240	257315	20.00	ng		0.00
86) Perylene-d12	15.30	264	247325	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	209500	23.67	ng		0.00
7) Phenol-d6	6.35	99	257700	24.15	ng		-0.01
23) Nitrobenzene-d5	7.27	82	146587	15.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	42334	17.59	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	191579	11.59	ng		-0.01
78) Terphenyl-d14	12.82	244	124526	10.91	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	18533	2.838	ng	#	77
25) Isophorone	7.27	82	146586	8.482	ng	#	64
31) Naphthalene	8.02	128	282221	10.146	ng		100
33) 4-Chloroaniline	8.02	127	36323	3.105	ng	#	34
37) 2-Methylnaphthalene	8.71	142	53791	2.904	ng		99
48) Acenaphthylene	9.61	152	113027	4.296	ng		99
50) 2,6-Dinitrotoluene	9.75	165	33196	7.667	ng	#	26
57) Fluorene	10.30	166	102730	6.235	ng		97
70) Phenanthrene	11.26	178	448086	20.876	ng		99
71) Anthracene	11.31	178	292530	13.353	ng		98
74) Fluoranthene	12.45	202	218366	9.977	ng		97
77) Pyrene	12.67	202	275748	13.860	ng		98
80) Benzo(a)anthracene	13.90	228	70468	4.448	ng		99
82) Chrysene	13.90	228	70468	4.380	ng		96
87) Benzo(b)fluoranthene	14.89	252	75033	4.681	ng	#	96
88) Benzo(k)fluoranthene	14.89	252	75033	4.954	ng		96
89) Benzo(a)pyrene	15.23	252	59350	4.105	ng		97
91) Benzo(g,h,i)perylene	17.09	276	25579	2.212	ng		92

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

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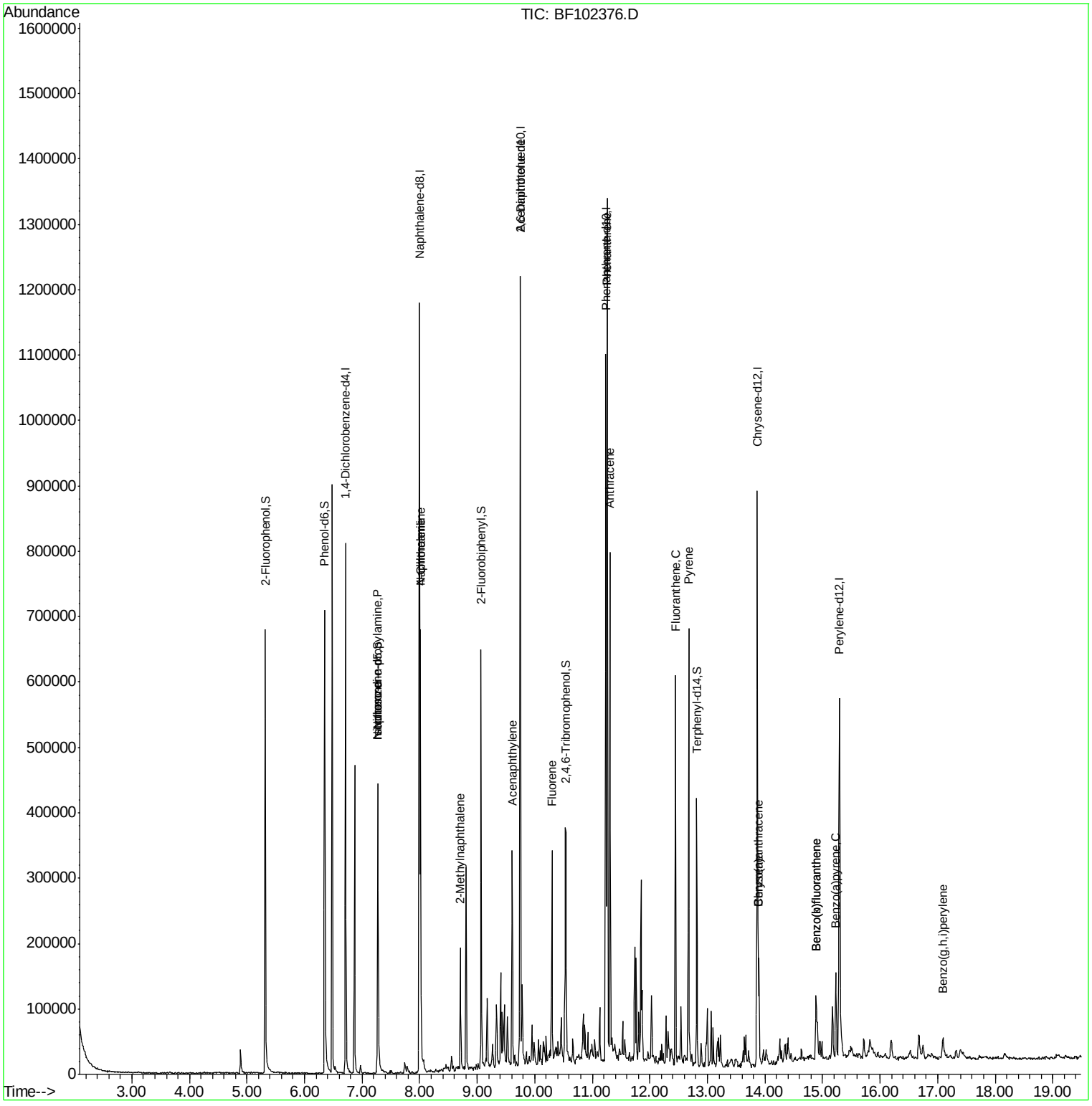
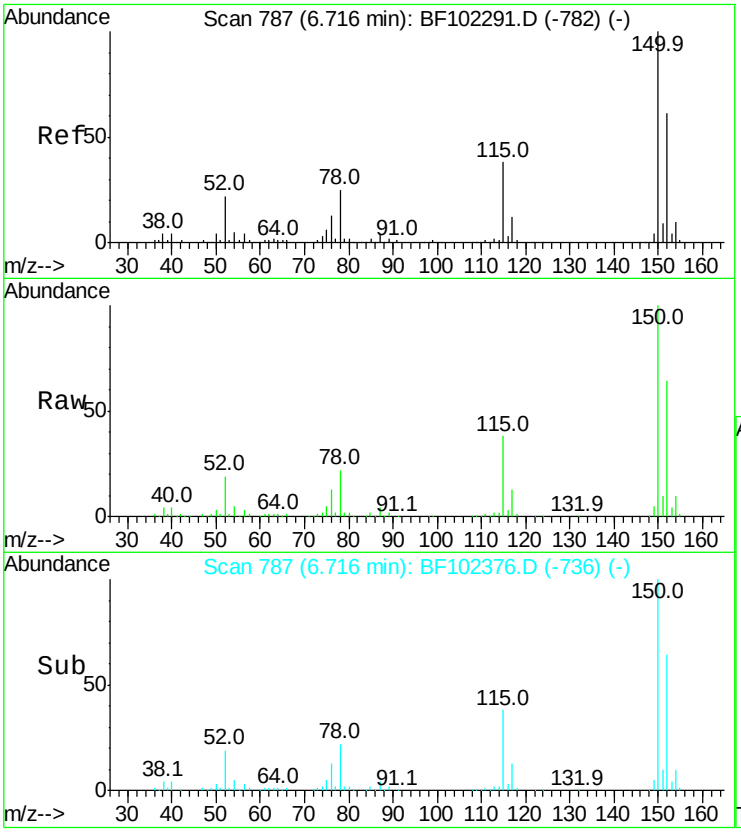


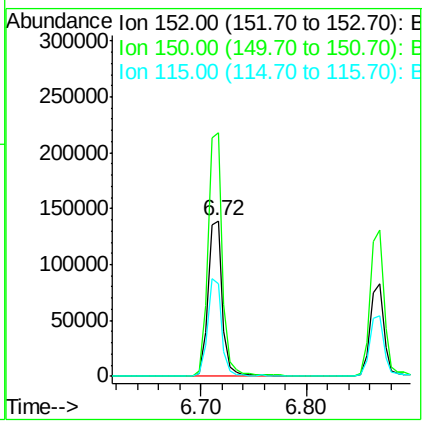


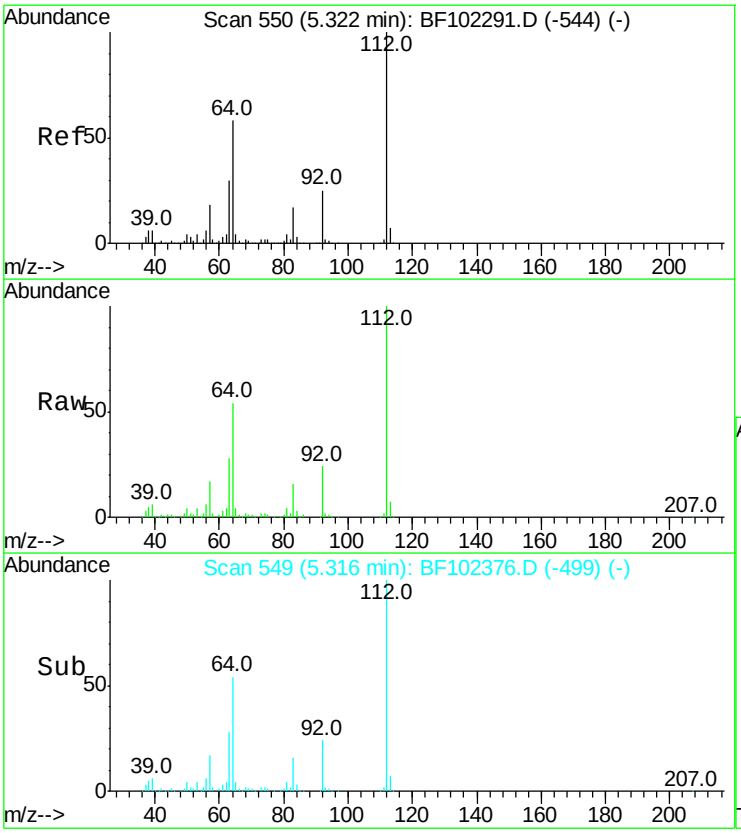
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 134229

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	59.7	50.1	75.1

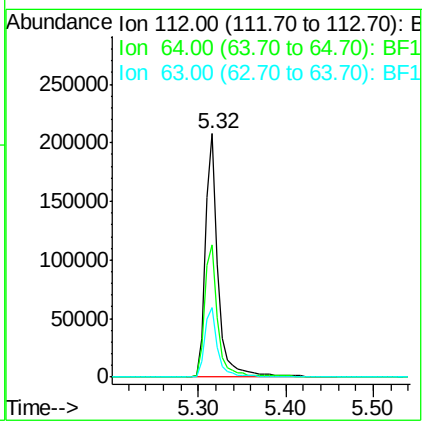


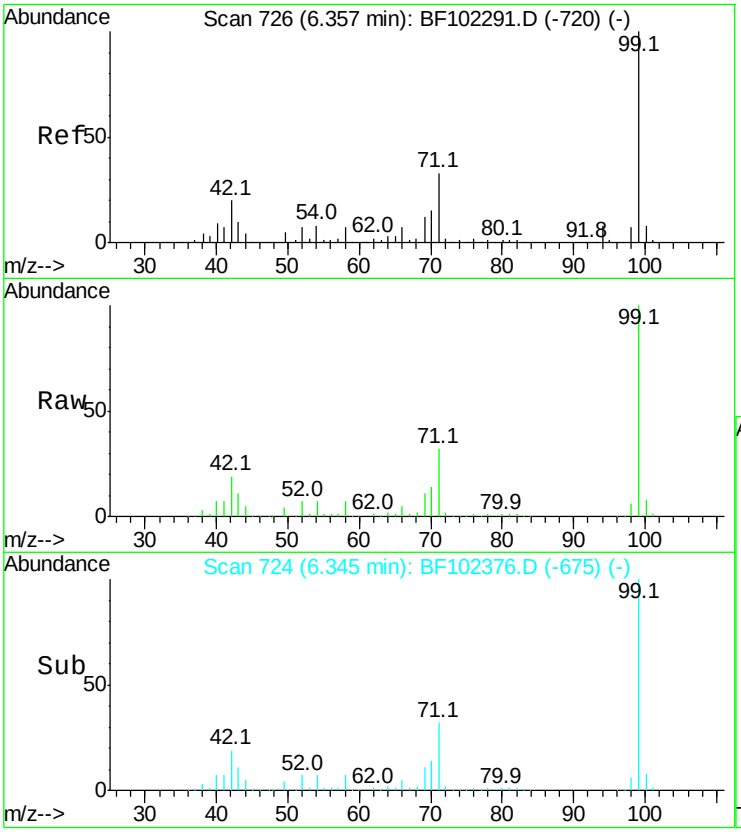


#5
2-Fluorophenol
Concen: 23.665 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:112 Resp: 209500

Ion	Ratio	Lower	Upper
112	100		
64	54.3	47.9	71.9
63	28.5	23.7	35.5



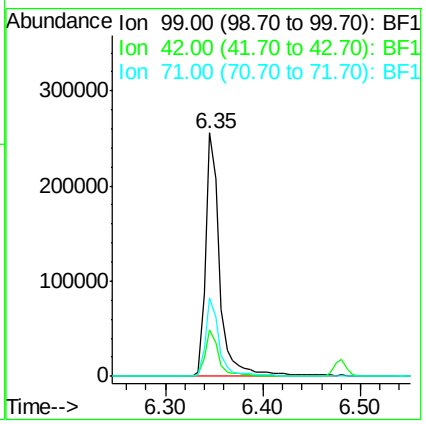


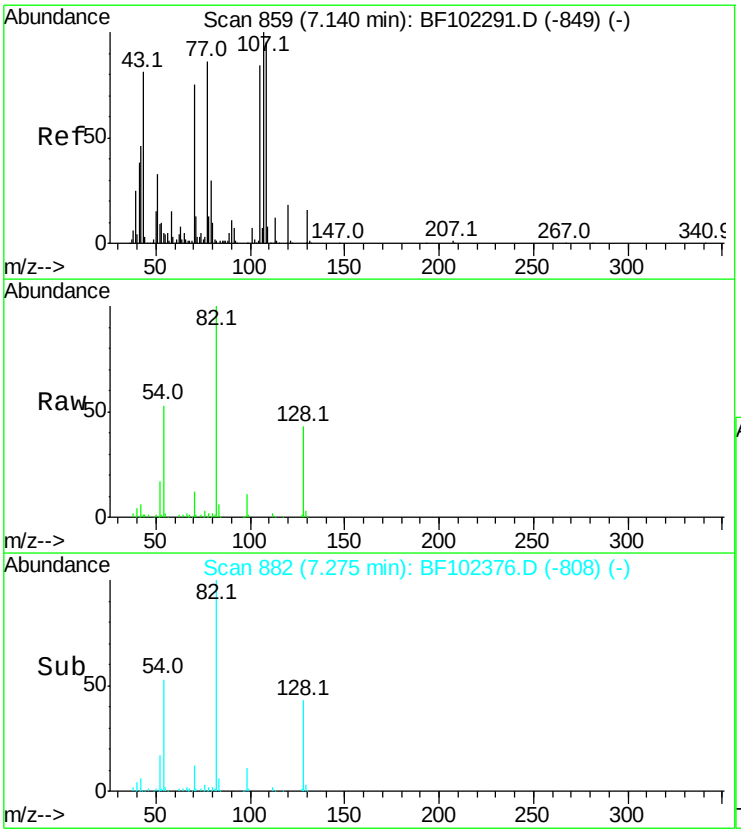
#7
Phenol-d6
Concen: 24.146 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 257700

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	32.5	25.4	38.0

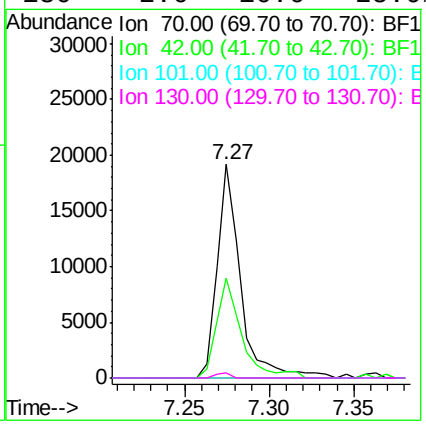


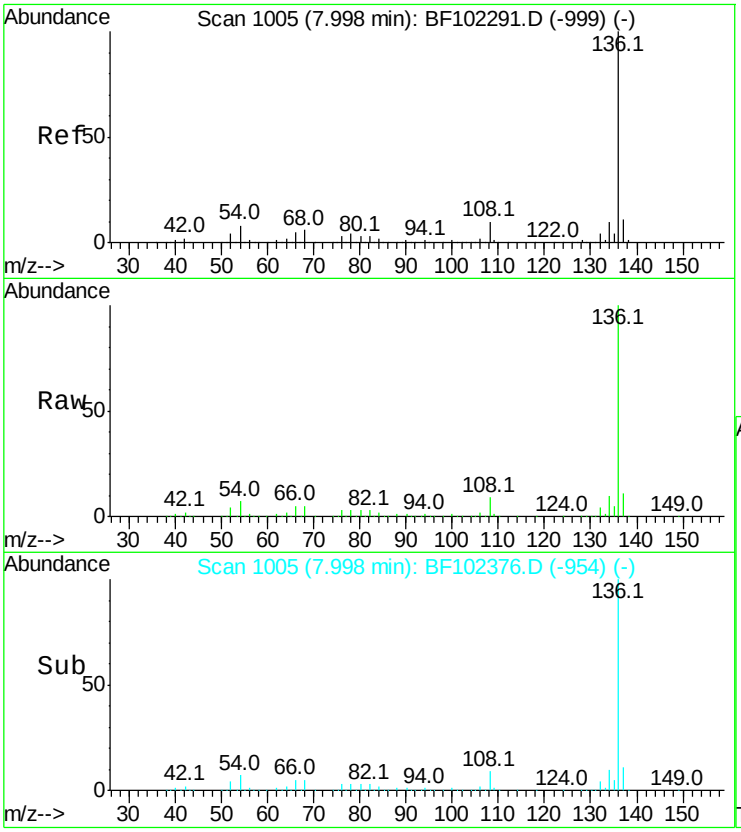


#19
n-Nitroso-di-n-propylamine
Concen: 2.838 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion: 70 Resp: 18533

Ion	Ratio	Lower	Upper
70	100		
42	46.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



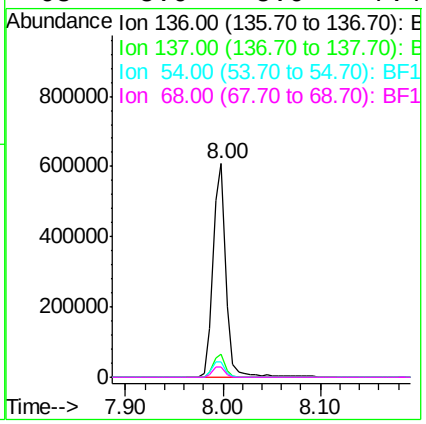


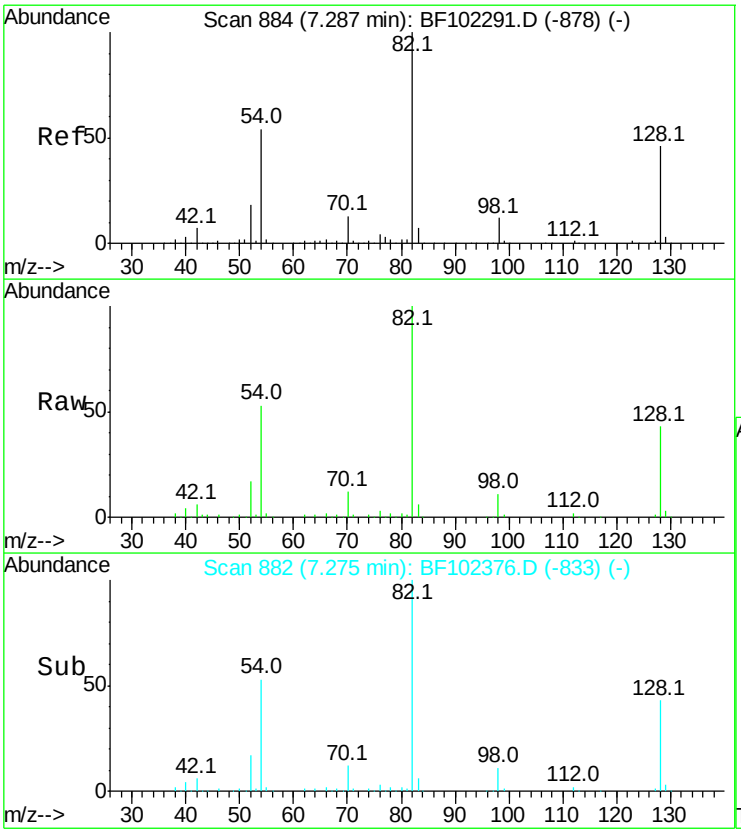
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 557112

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.6	9.8
68	5.0	5.0	7.4

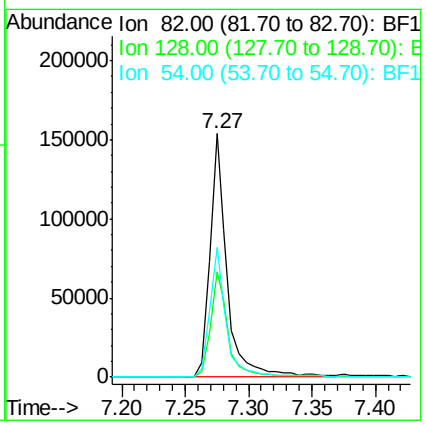


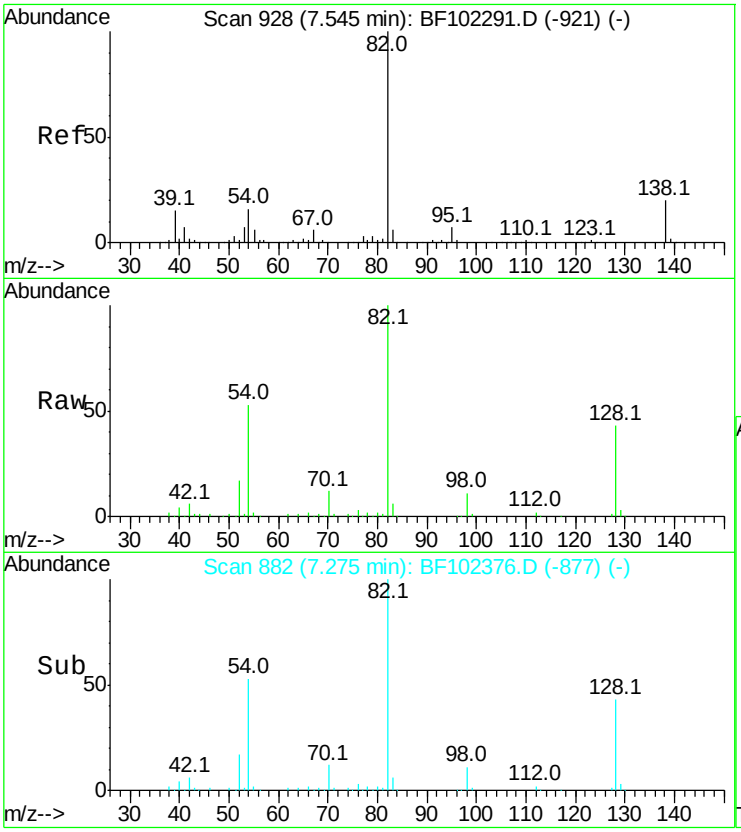


#23
Nitrobenzene-d5
Concen: 15.121 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion: 82 Resp: 146587

Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	53.2	41.4	62.2



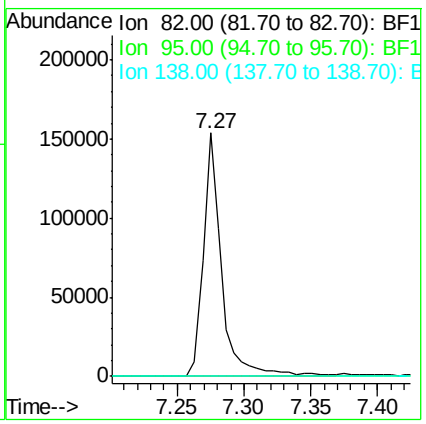


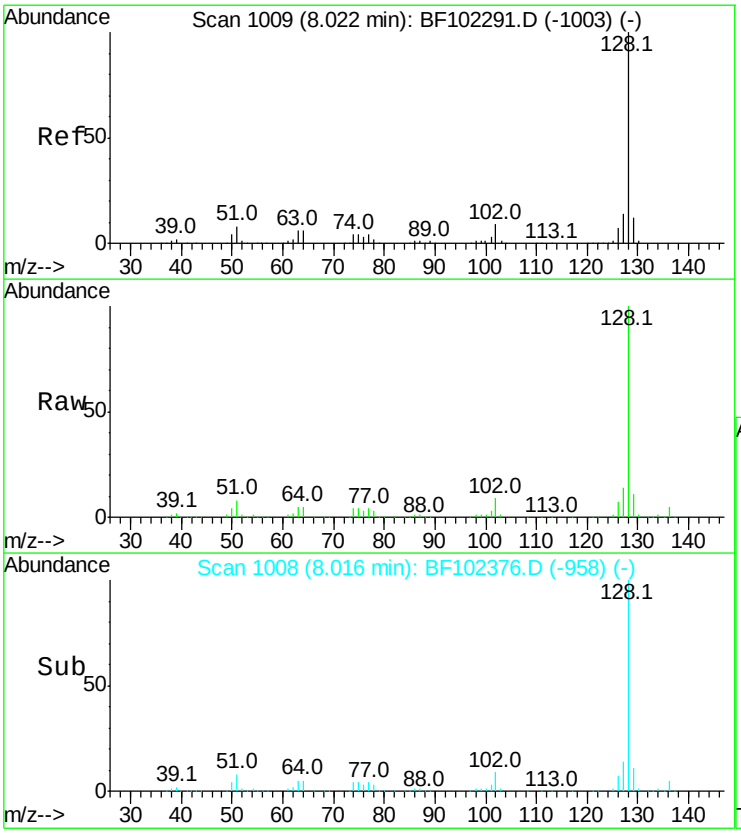
#25
Isophorone
Concen: 8.482 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 146586

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

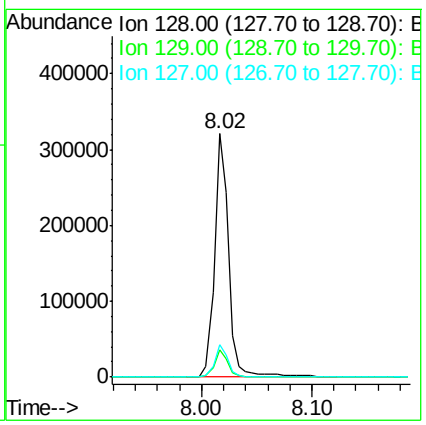


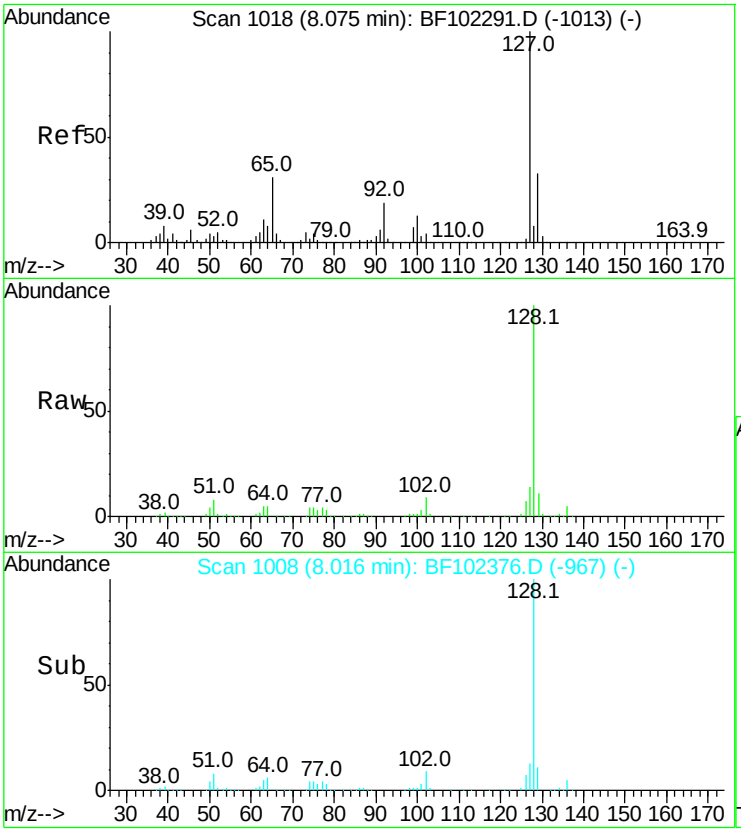


#31
Naphthalene
Concen: 10.146 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:128 Resp: 282221

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.5	10.9	16.3



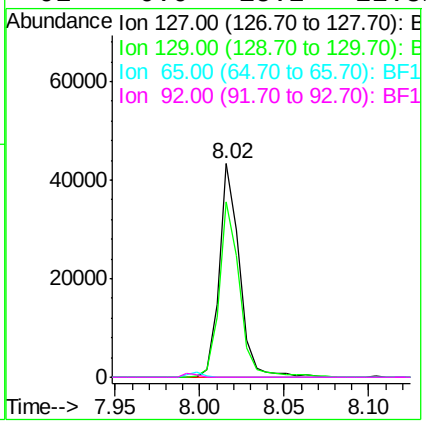


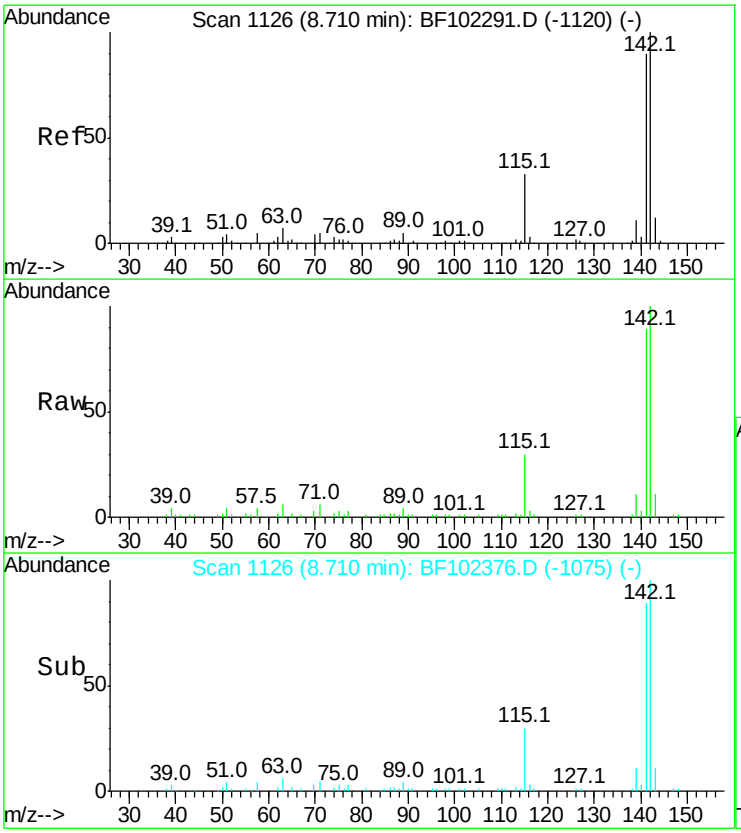
#33
4-Chloroaniline
Concen: 3.105 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.06 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 36323

Ion	Ratio	Lower	Upper
127	100		
129	81.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

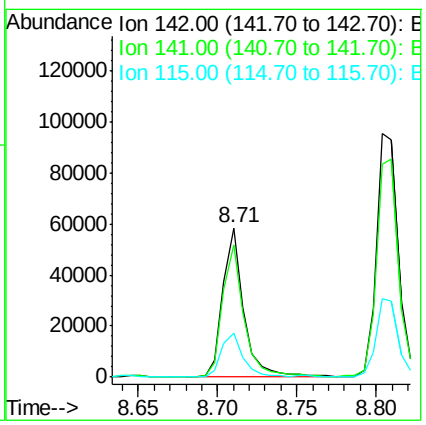


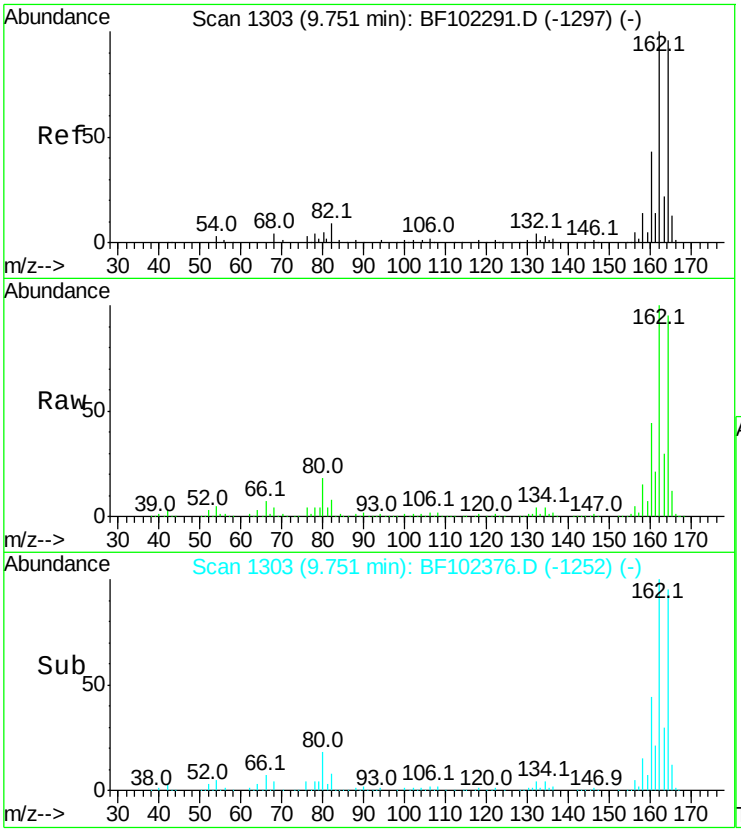


#37
2-Methylnaphthalene
Concen: 2.904 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:142 Resp: 53791

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	29.7	26.1	39.1



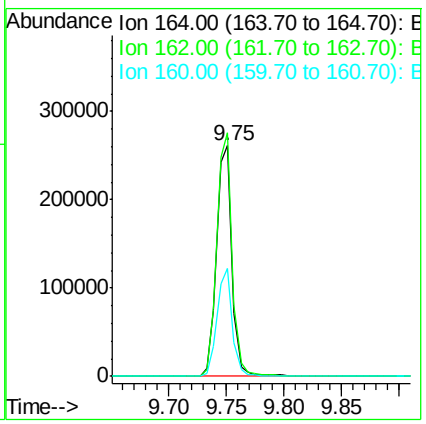


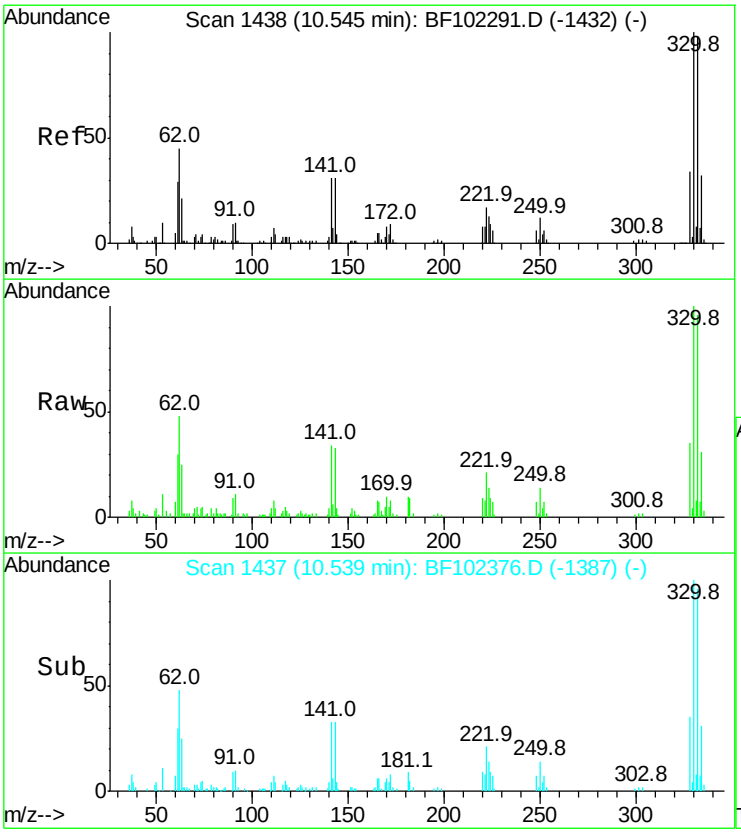
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 242958

Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.8	38.3	57.5

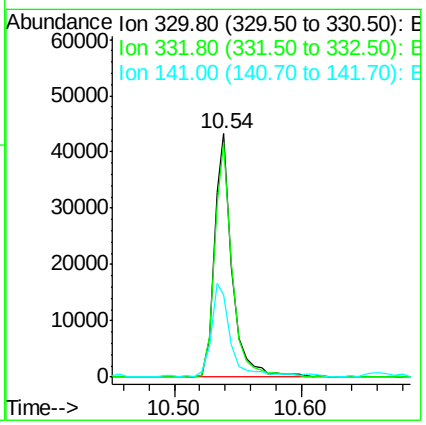


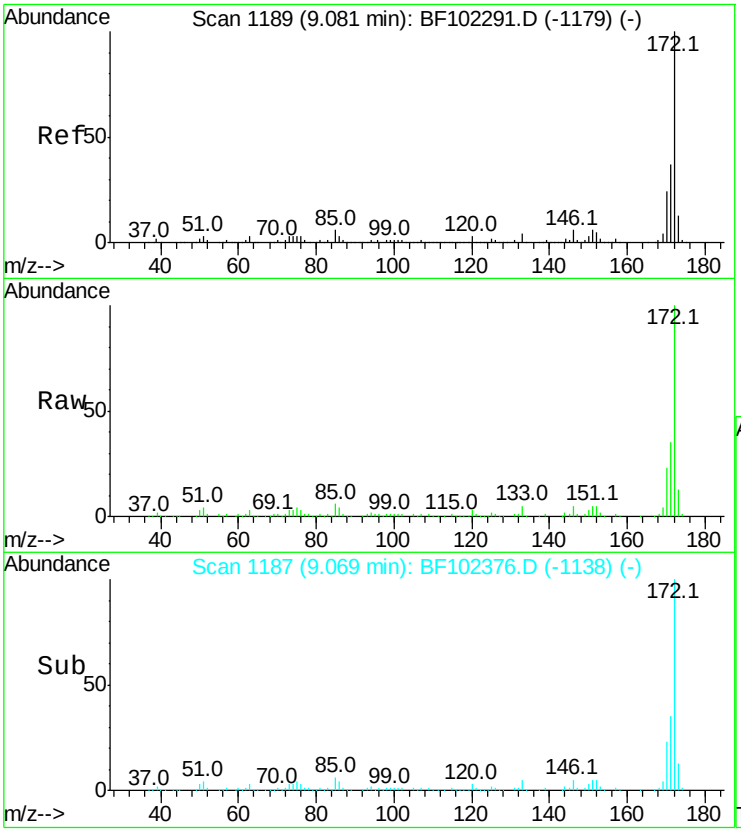


#41
2,4,6-Tribromophenol
Concen: 17.585 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:330 Resp: 42334

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	44.4	29.9	44.9



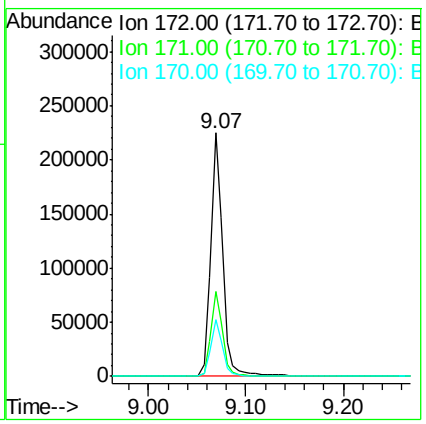


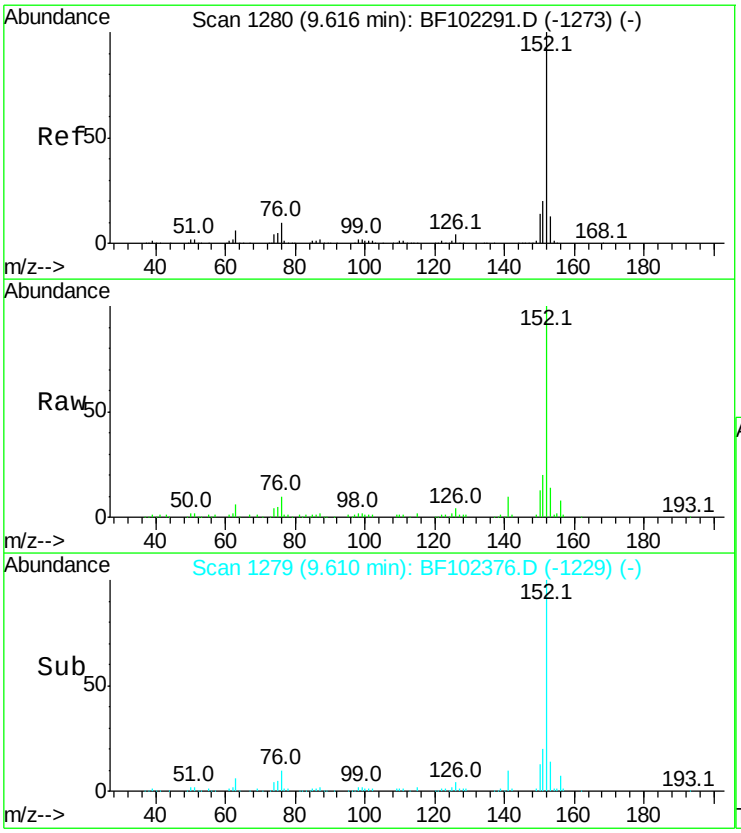
#44
2-Fluorobiphenyl
Concen: 11.594 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 191579

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.7	44.5
170	23.2	19.6	29.4

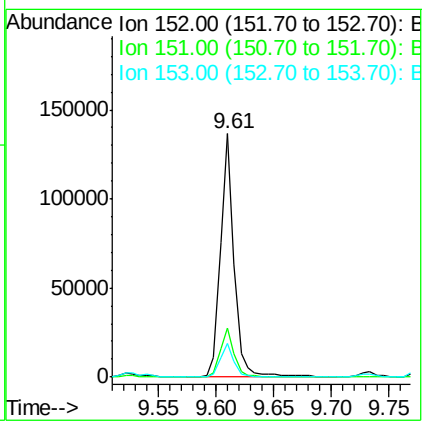


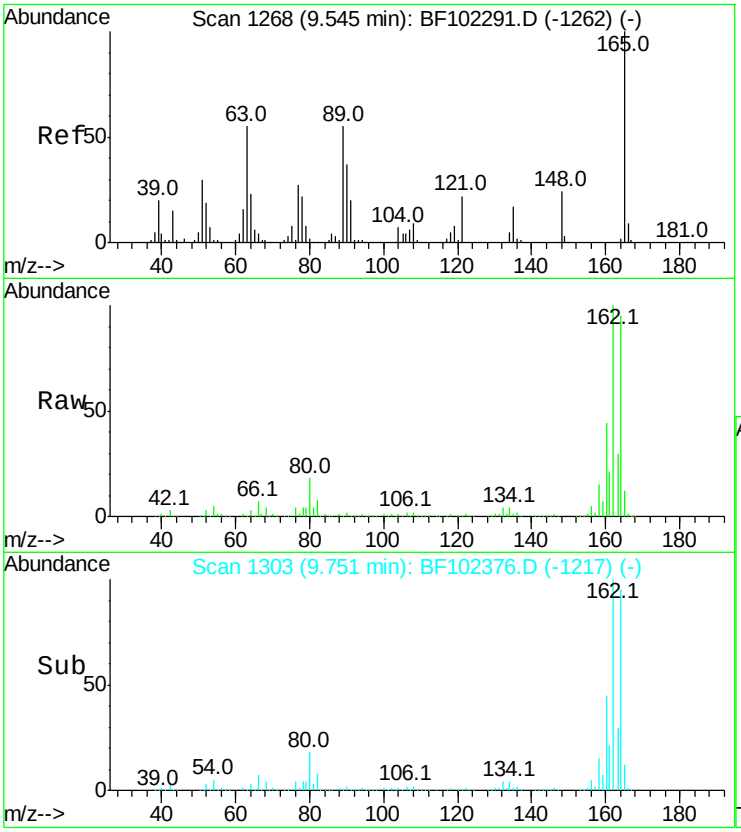


#48
Acenaphthylene
Concen: 4.296 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:152 Resp: 113027

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	14.0	10.7	16.1



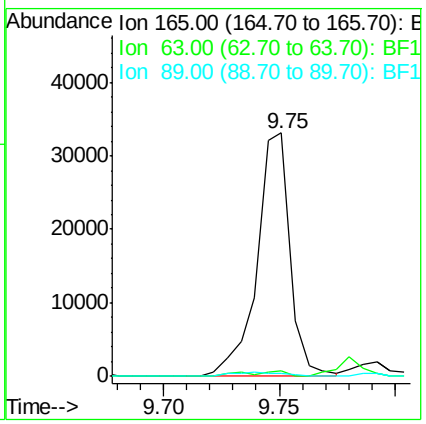


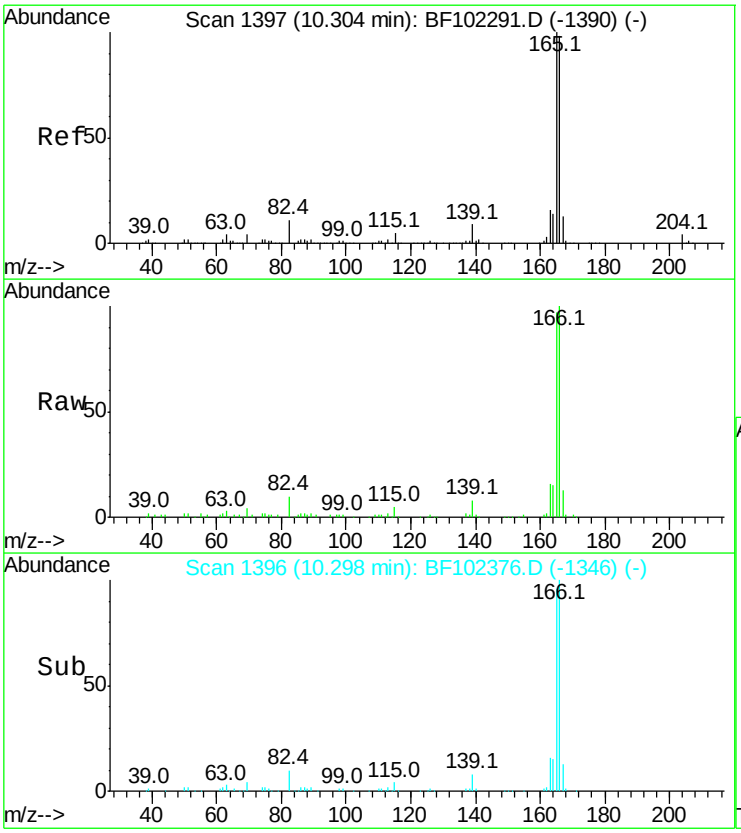
#50
2,6-Dinitrotoluene
Concen: 7.667 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 33196

Ion	Ratio	Lower	Upper
165	100		
63	2.3	44.7	67.1#
89	1.4	44.0	66.0#

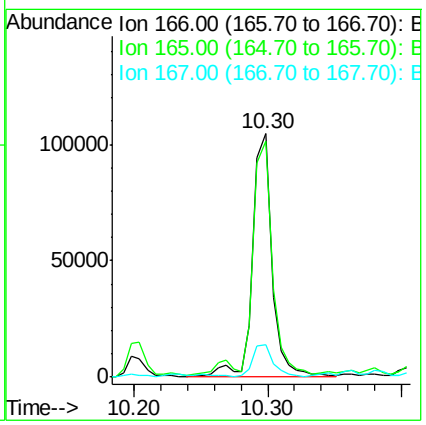


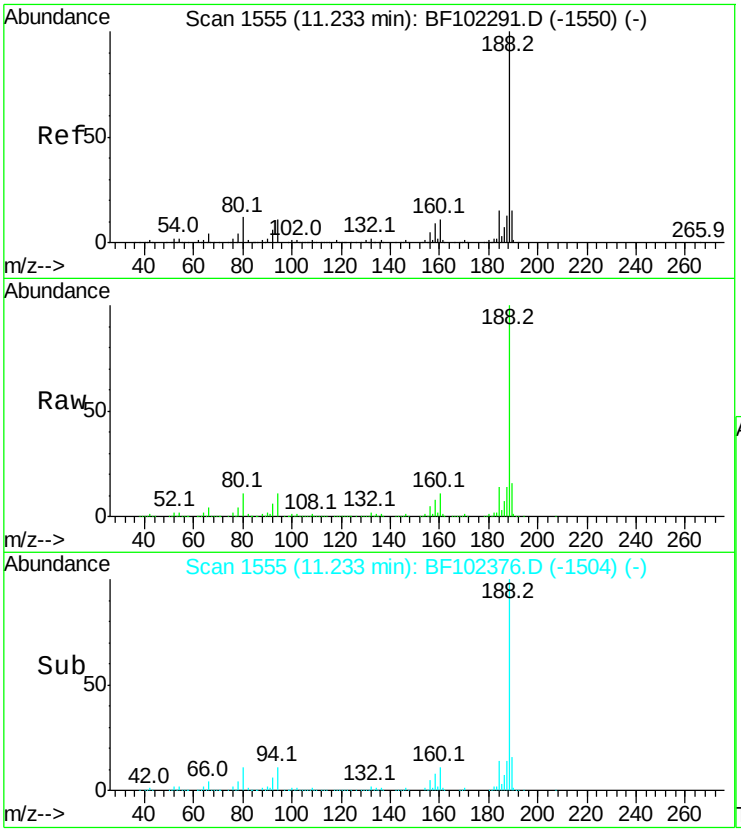


#57
Fluorene
Concen: 6.235 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:166 Resp: 102730

Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.8	119.8
167	13.3	10.6	16.0



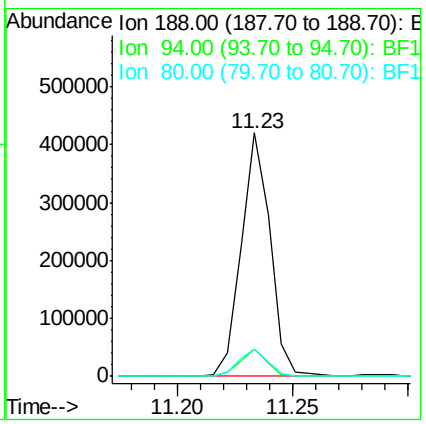


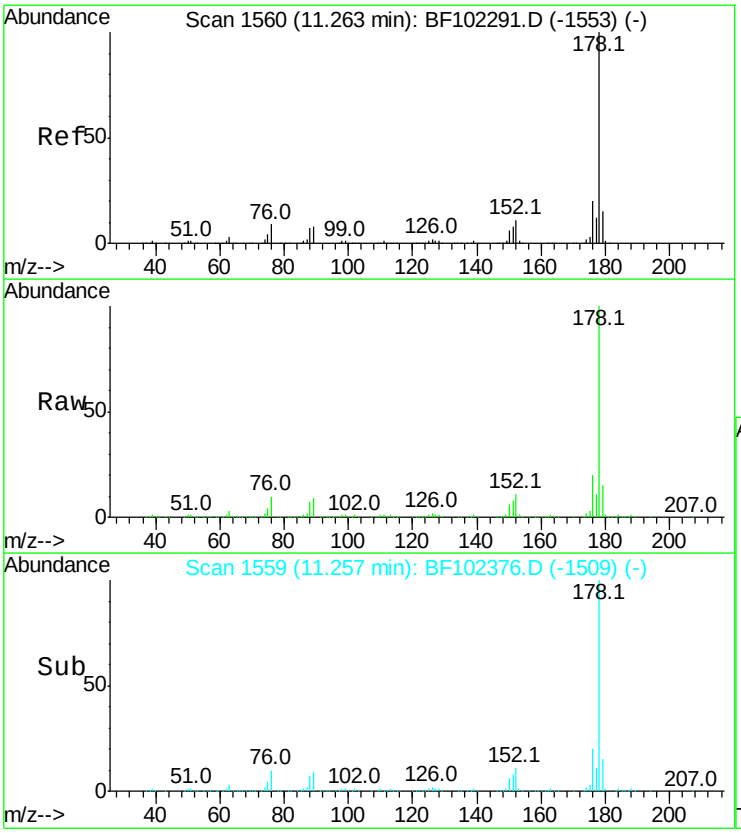
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 368337

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.0	9.2	13.8

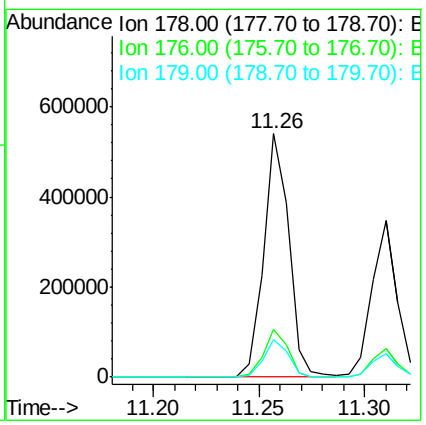


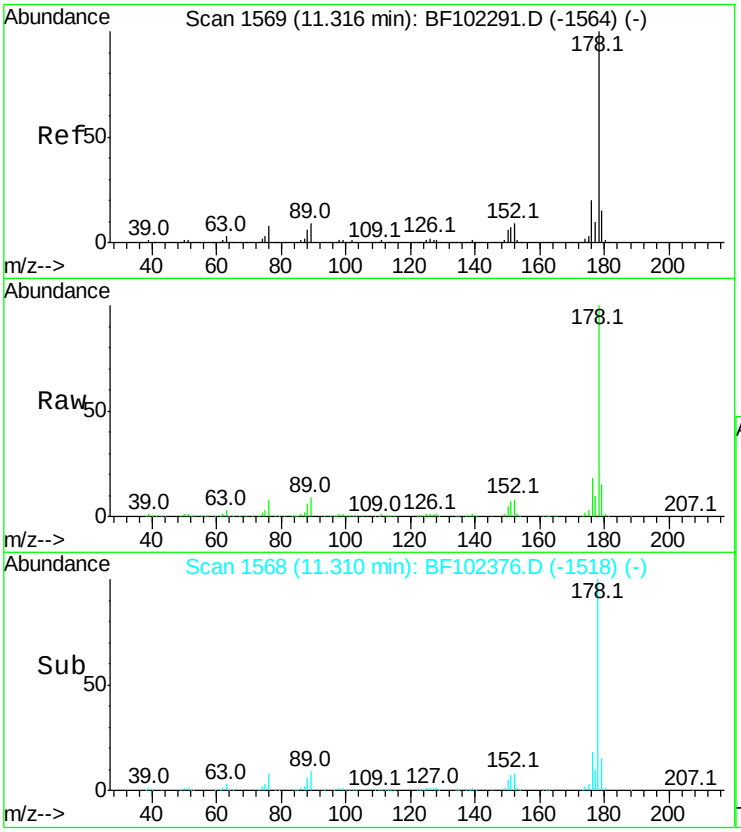


#70
Phenanthrene
Concen: 20.876 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:178 Resp: 448086

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.5	13.0	19.6



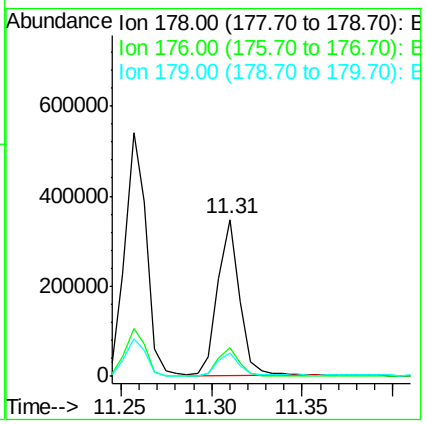


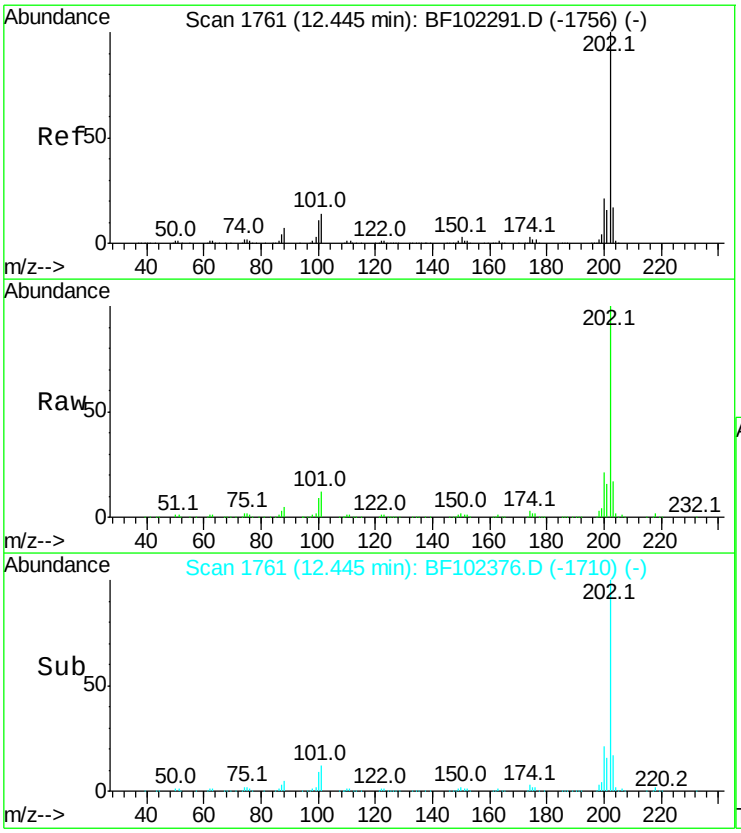
#71
Anthracene
Concen: 13.353 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 292530

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	15.1	12.6	19.0

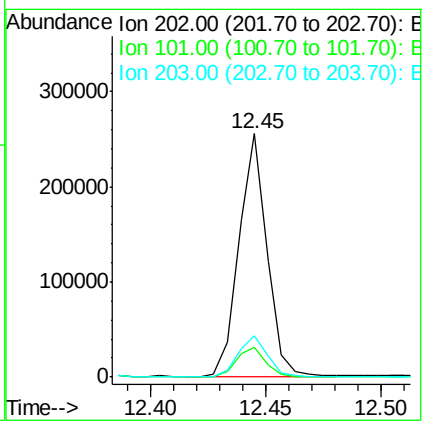


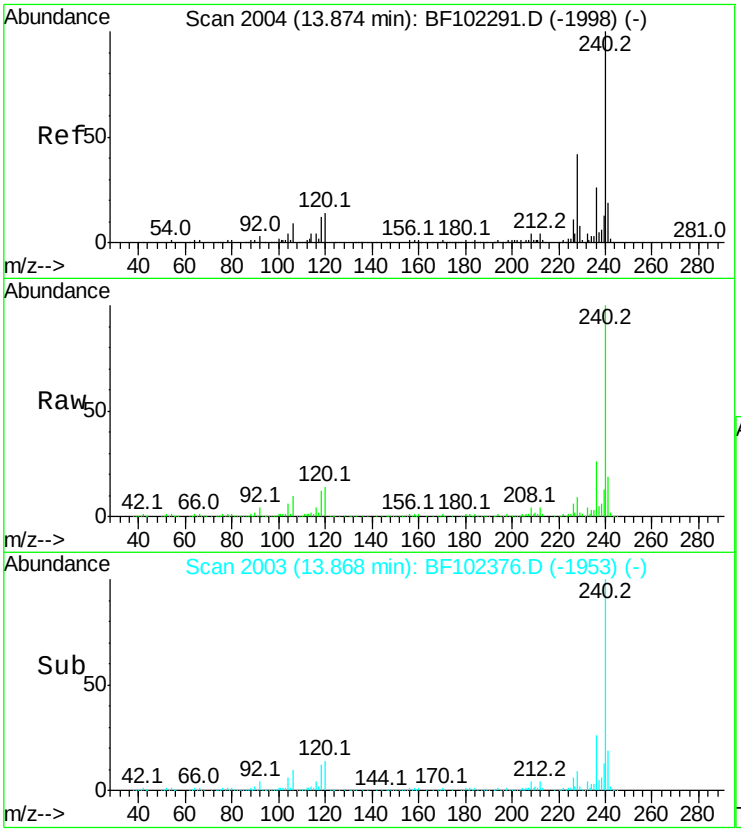


#74
Fluoranthene
Concen: 9.977 ng
RT: 12.45 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:202 Resp: 218366

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.1
203	17.1	0.0	38.1



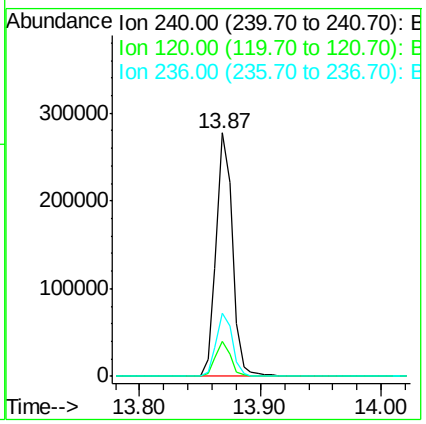


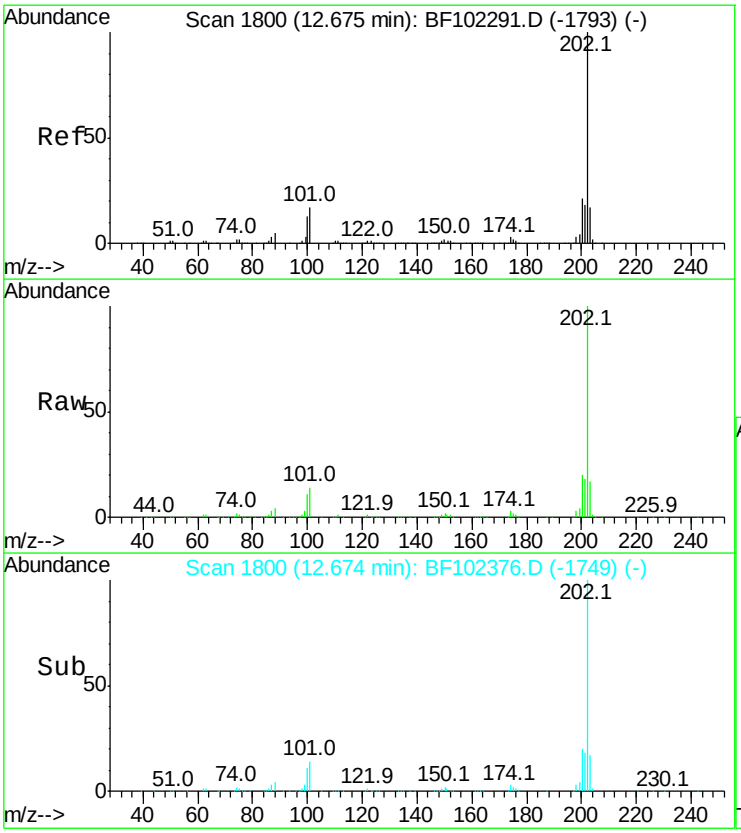
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 257315

Ion	Ratio	Lower	Upper
240	100		
120	14.2	9.5	14.3
236	25.8	20.7	31.1

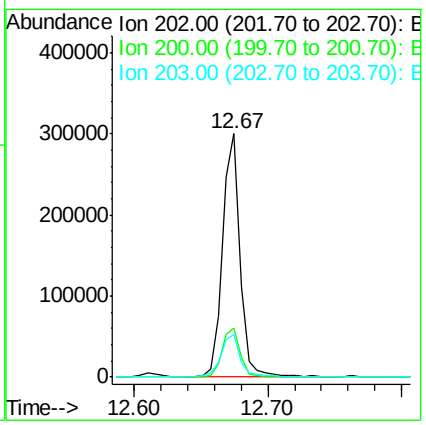


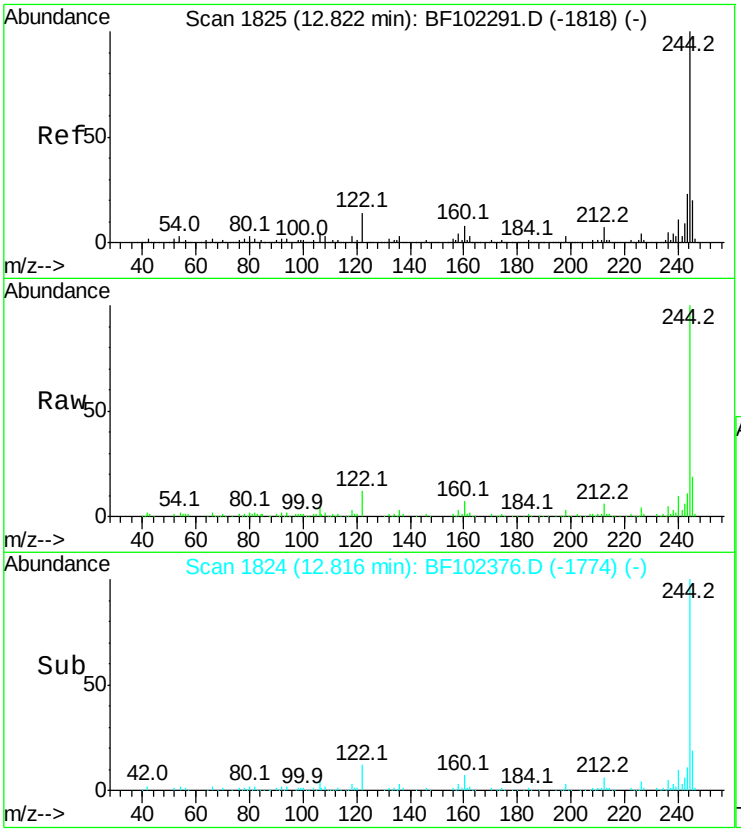


#77
Pyrene
Concen: 13.860 ng
RT: 12.67 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:202 Resp: 275748

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	17.4	14.3	21.5



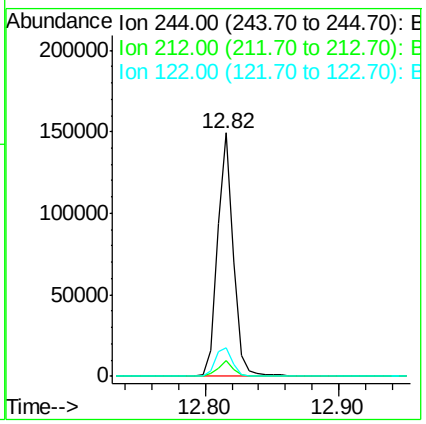


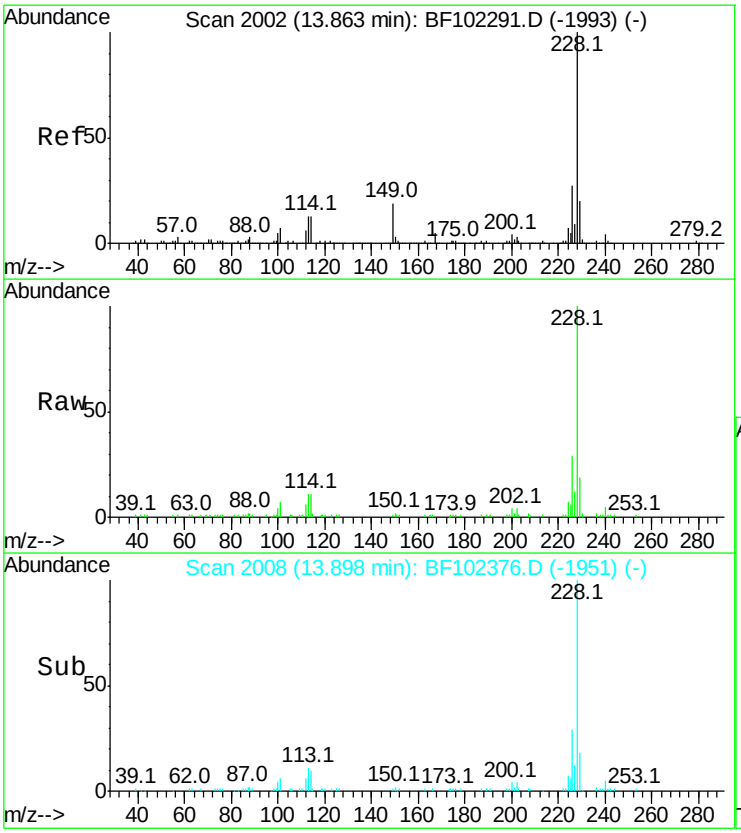
#78
Terphenyl-d14
Concen: 10.910 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 124526

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	11.6	11.0	16.4

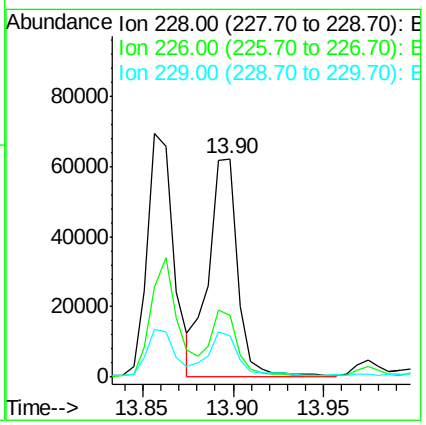


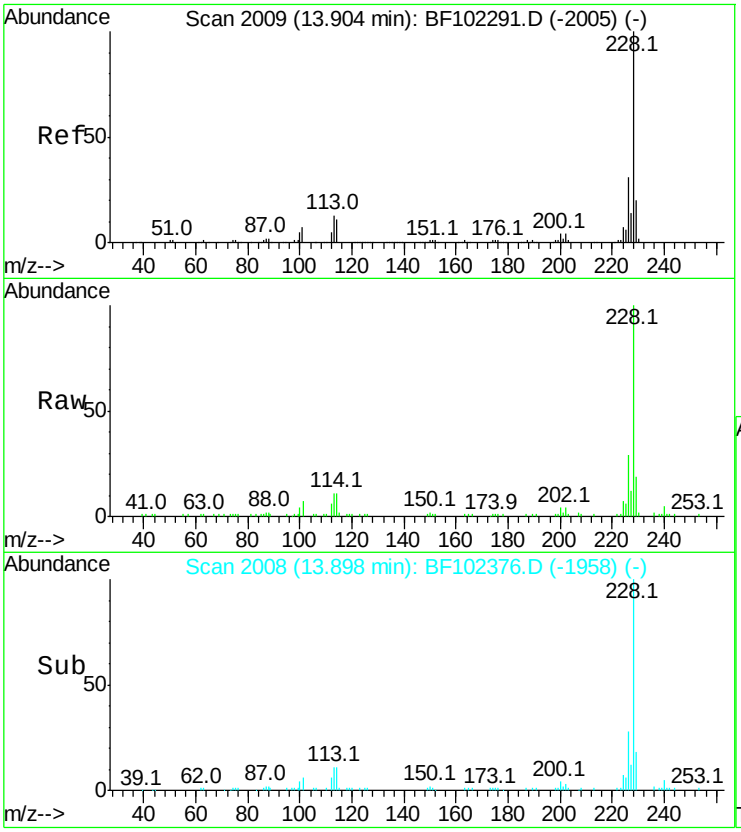


#80
Benzo(a)anthracene
Concen: 4.448 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.04 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:228 Resp: 70468

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	18.9	15.8	23.6



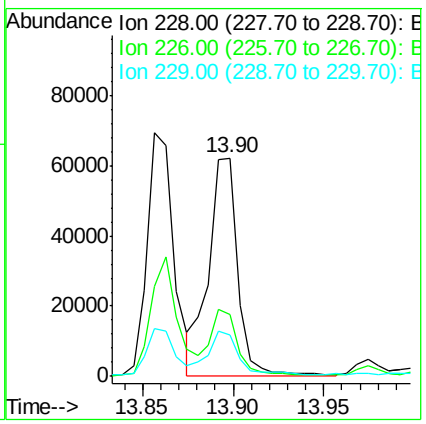


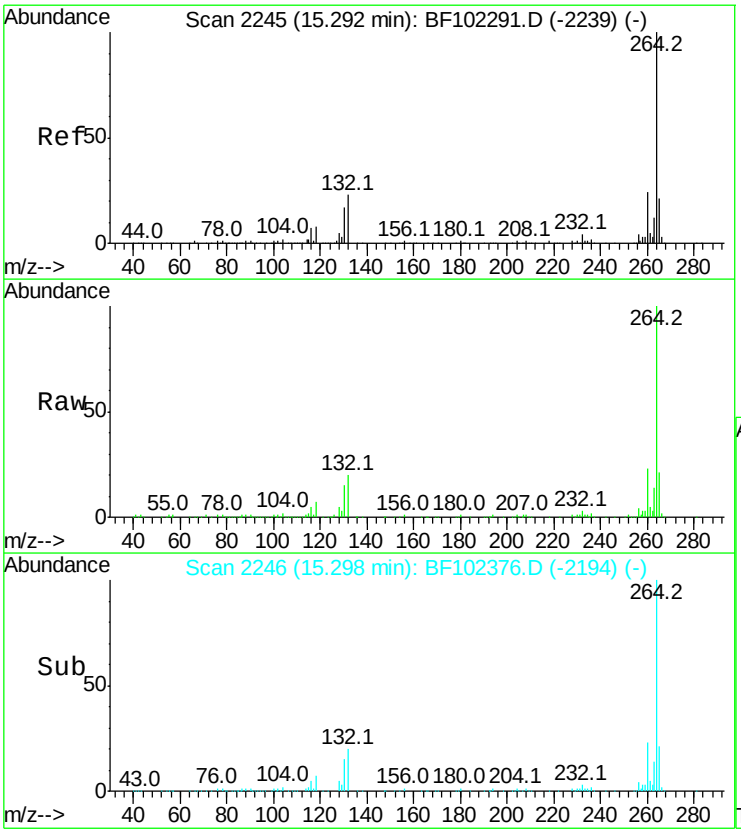
#82
Chrysene
Concen: 4.380 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 70468

Ion	Ratio	Lower	Upper
228	100		
226	28.5	25.0	37.6
229	18.9	16.2	24.4

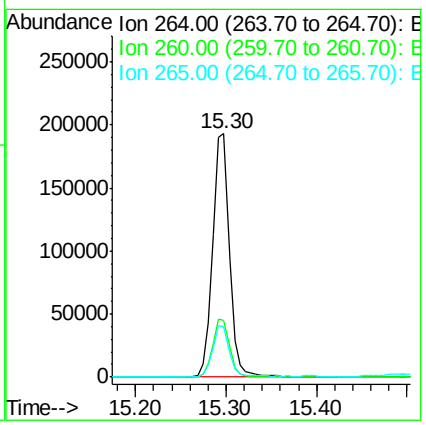


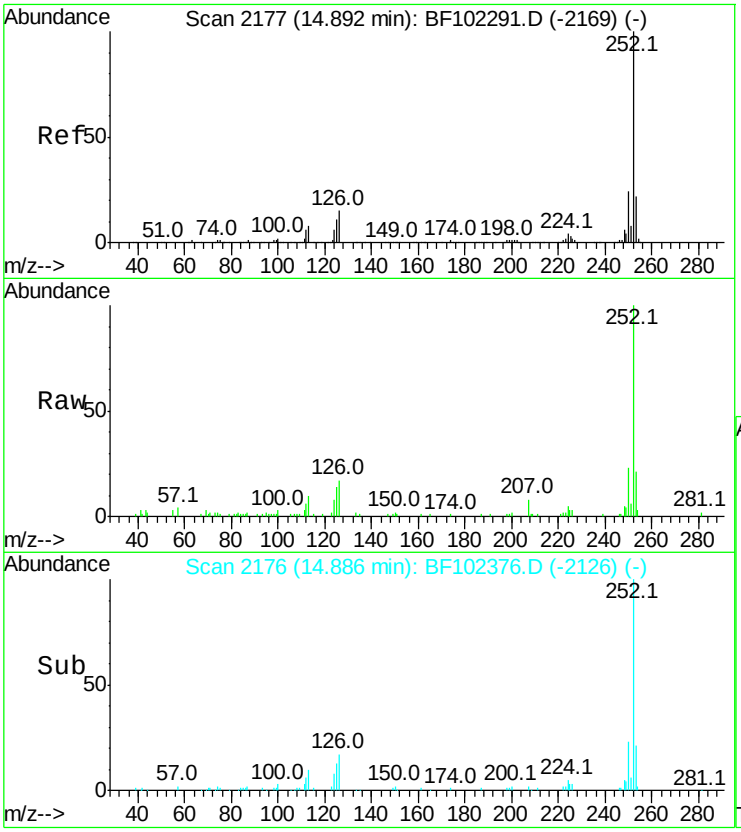


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:264 Resp: 247325

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.7	17.5	26.3



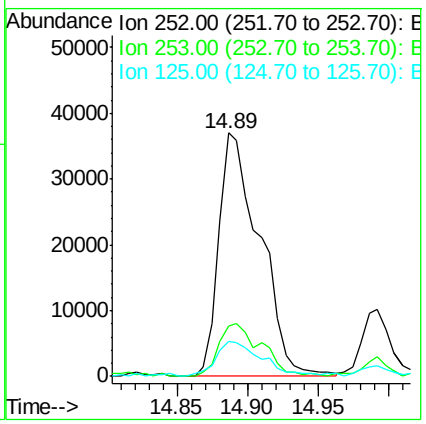


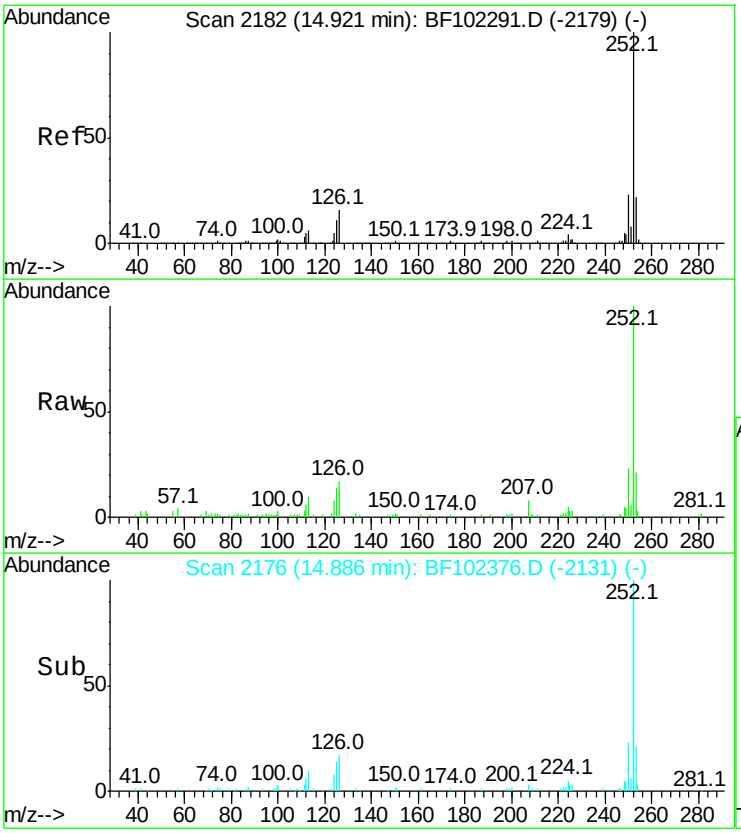
#87
Benzo(b)fluoranthene
Concen: 4.681 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 75033

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.0	25.6
125	14.3	9.0	13.6#

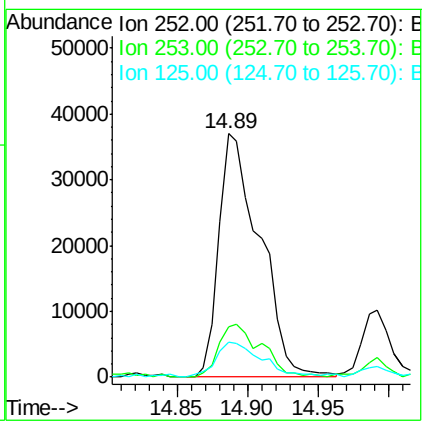


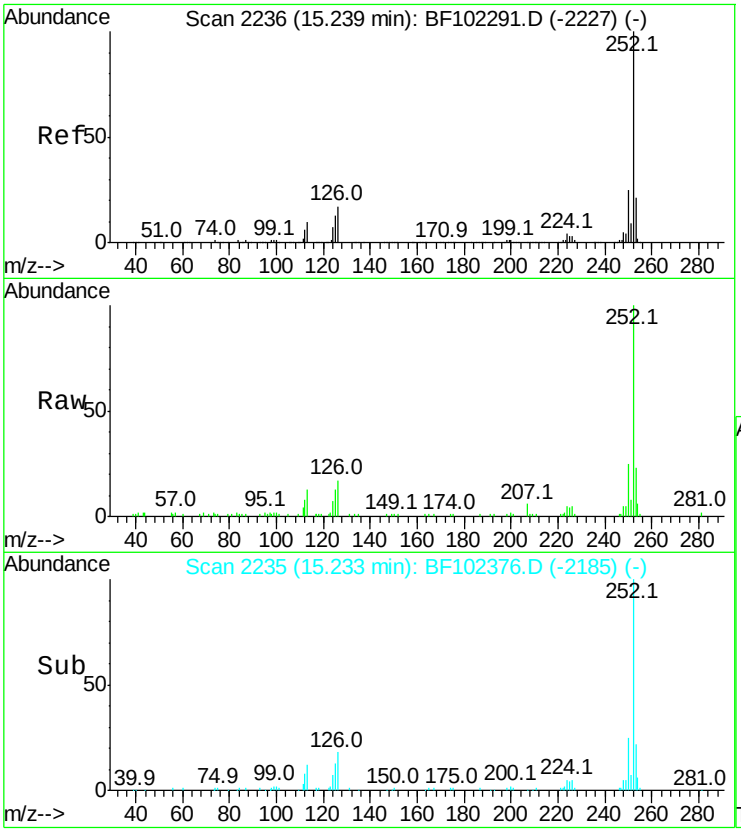


#88
Benzo(k)fluoranthene
Concen: 4.954 ng
RT: 14.89 min Scan# 2176
Delta R.T. -0.04 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:252 Resp: 75033

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.9	26.9
125	14.3	10.2	15.2



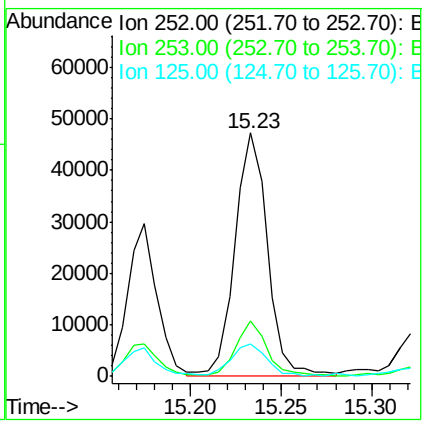


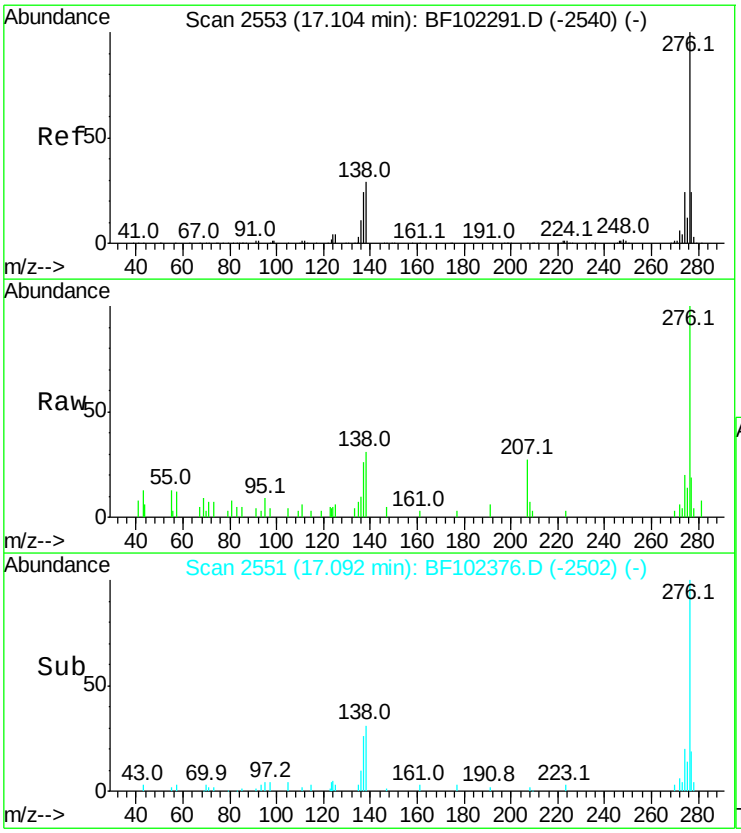
#89
Benzo(a)pyrene
Concen: 4.105 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 59350

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	13.4	9.8	14.6





#91
Benzo(g,h,i)perylene
Concen: 2.212 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF102376.D
Acq: 24 Jan 2018 7:57

Tgt Ion:276 Resp: 25579

Ion	Ratio	Lower	Upper
276	100		
277	18.8	17.9	26.9
138	31.2	21.8	32.8