Quantitation Report (Not Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102441.D
Acq On : 25 Jan 2018 23:19
Operator : SJ/JU
Sample : J1289-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 01:33:54 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	130581	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	530711	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	218064	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	320750	20.00	ng		0.00
75) Chrysene-d12	13.88	240	259730	20.00	ng		0.00
86) Perylene-d12	15.31	264	220198	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1024933	119.01	ng		0.02
7) Phenol-d6	6.37	99	1218671	117.38	ng		0.00
23) Nitrobenzene-d5	7.29	82	777171	84.15	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	185645	85.92	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1202539	81.08	ng		0.00
78) Terphenyl-d14	12.83	244	831309	72.15	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	22149	3.064	ng		88
10) Phenol	6.38	94	54374	4.797	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	102640	16.154	ng	#	79
25) Isophorone	7.29	82	774233	47.026	ng	#	64
31) Naphthalene	8.02	128	199231	7.519	ng		99
33) 4-Chloroaniline	8.02	127	26285	2.359	ng	#	34
49) Dimethylphthalate	9.47	163	225034	12.485	ng		99
56) 2,4-Dinitrotoluene	9.75	165	27681	5.792	ng	#	23
66) 4-Bromophenyl-phenylether	10.54	248	12569	3.640	ng	#	1
70) Phenanthrene	11.26	178	195514	10.460	ng		98
71) Anthracene	11.32	178	42600	2.233	ng		98
74) Fluoranthene	12.45	202	272053	14.273	ng		99
77) Pyrene	12.68	202	232657	11.586	ng		98
80) Benzo(a)anthracene	13.87	228	123591	7.729	ng		96
82) Chrysene	13.90	228	111300	6.854	ng		97
85) Indeno(1,2,3-cd)pyrene	16.70	276	45606	3.401	ng		94
87) Benzo(b)fluoranthene	14.90	252	180089	12.618	ng	#	95
88) Benzo(k)fluoranthene	14.90	252	180089	13.356	ng	#	96
89) Benzo(a)pyrene	15.24	252	87683	6.812	ng	#	91
91) Benzo(g,h,i)perylene	17.13	276	39138	3.802	ng	#	92

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

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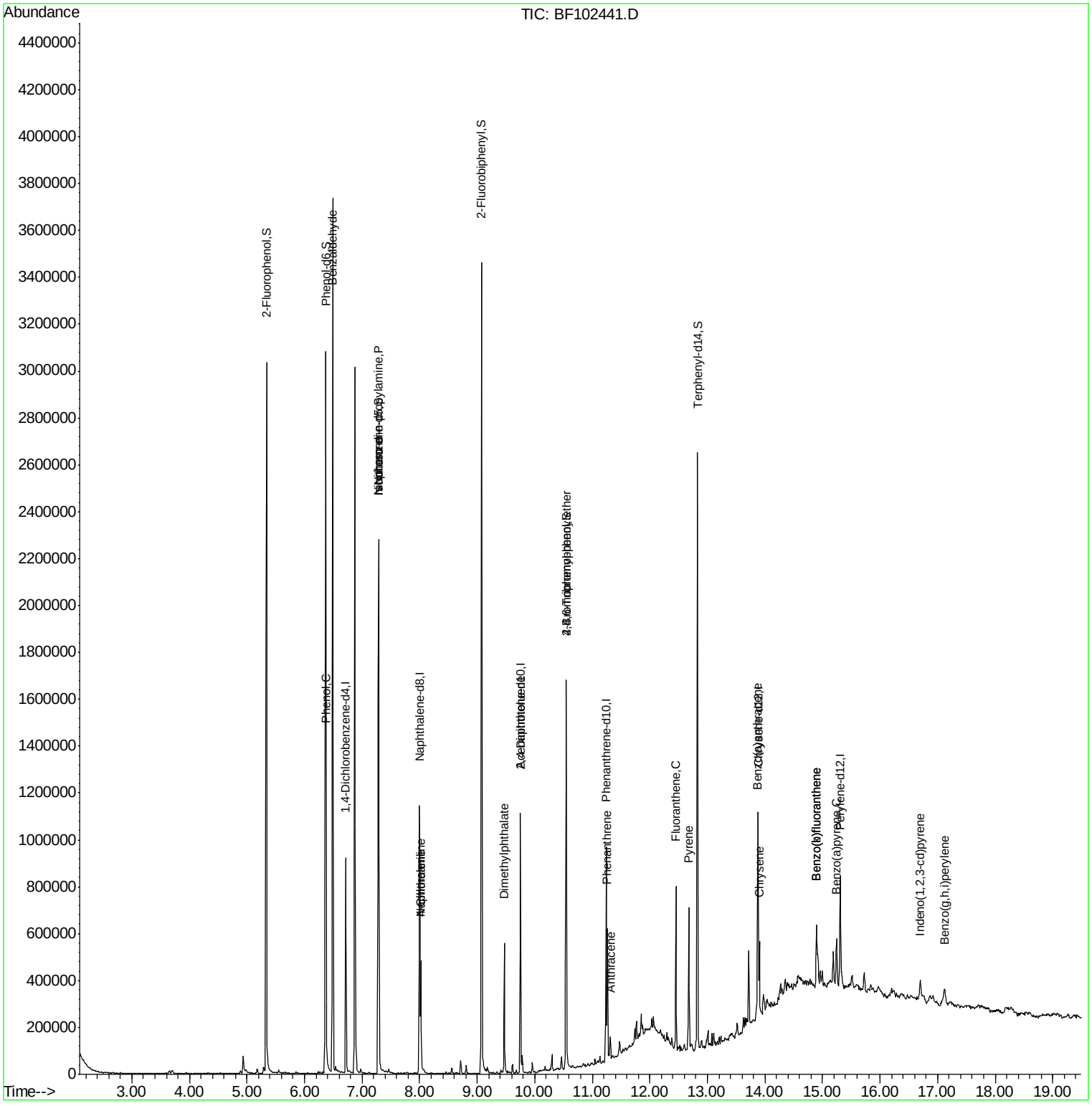
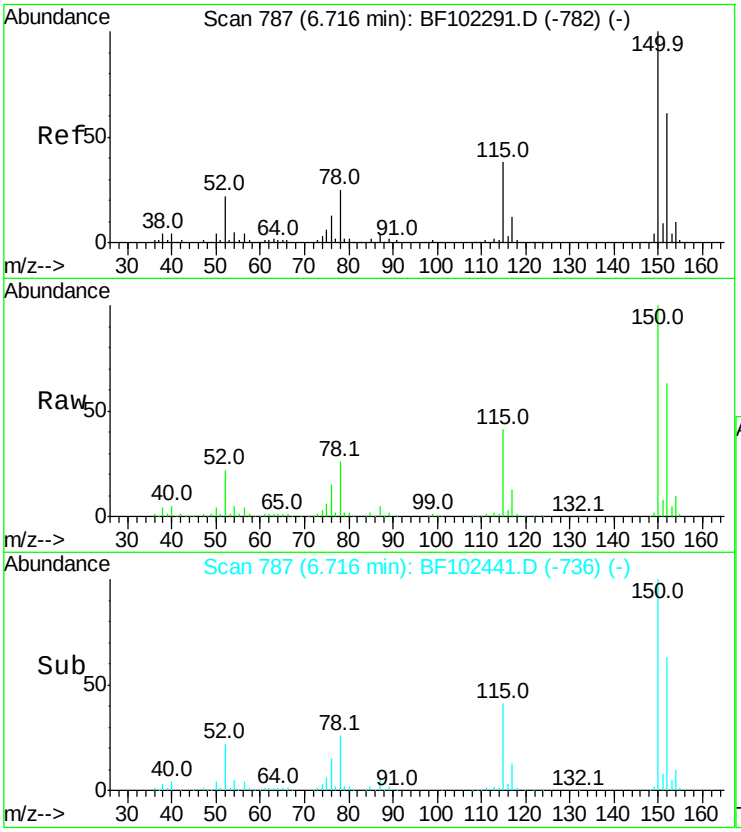


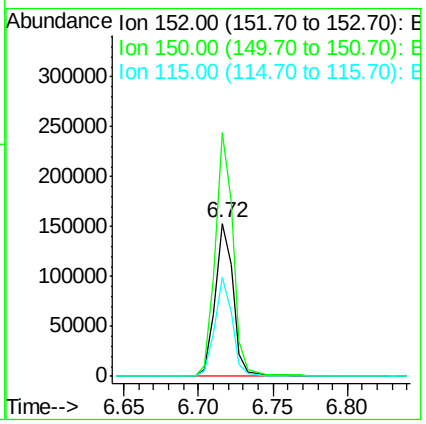


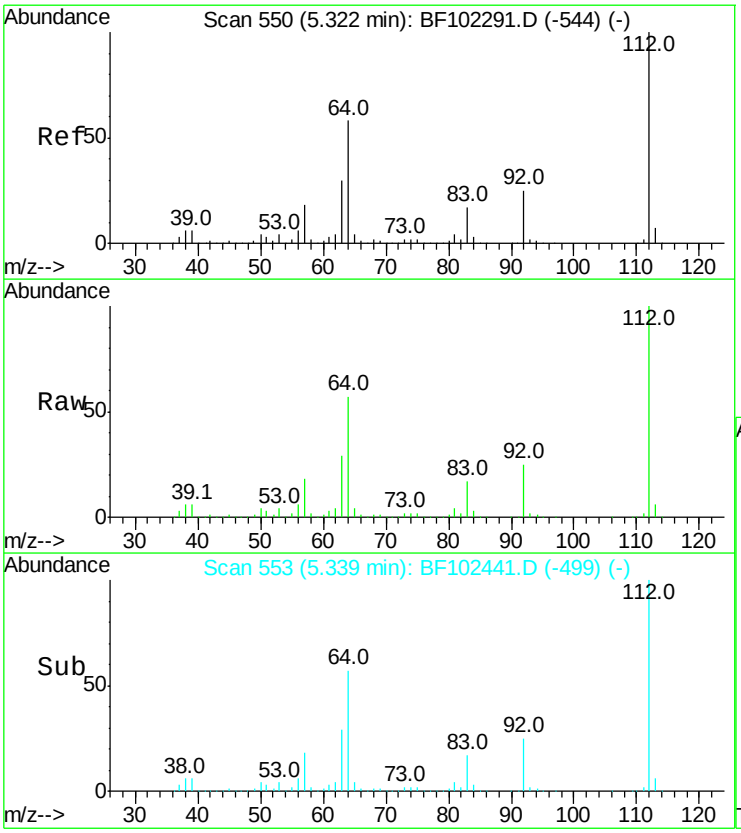
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 130581

Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	65.0	50.1	75.1

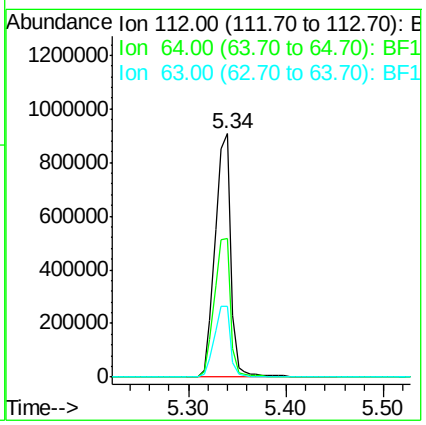


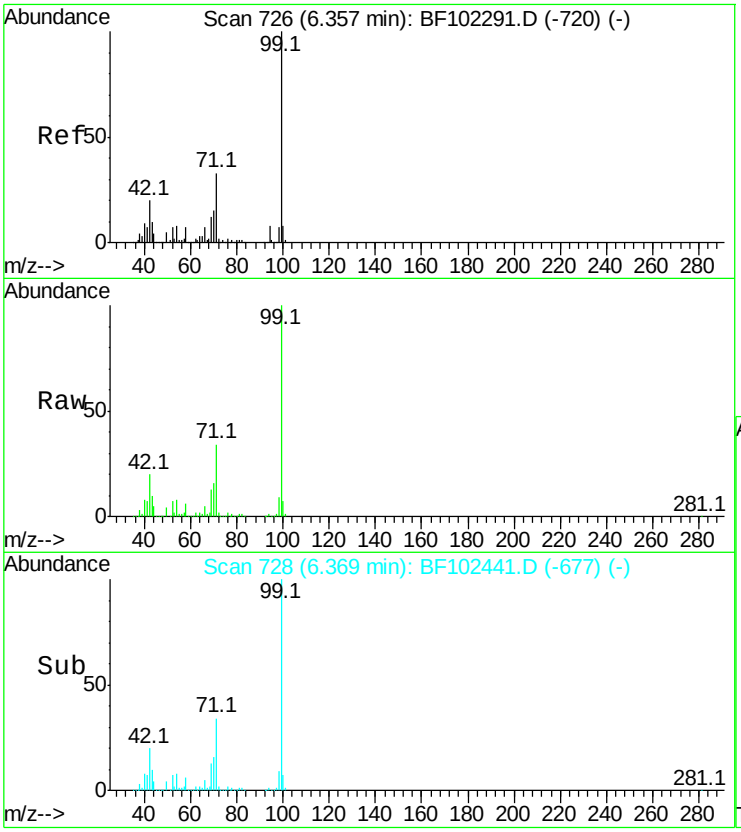


#5
2-Fluorophenol
Concen: 119.012 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:112 Resp: 1024933

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	29.3	23.7	35.5



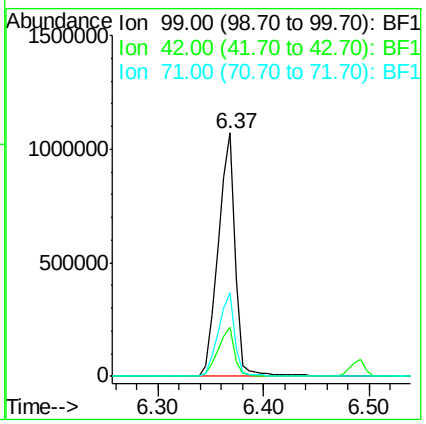


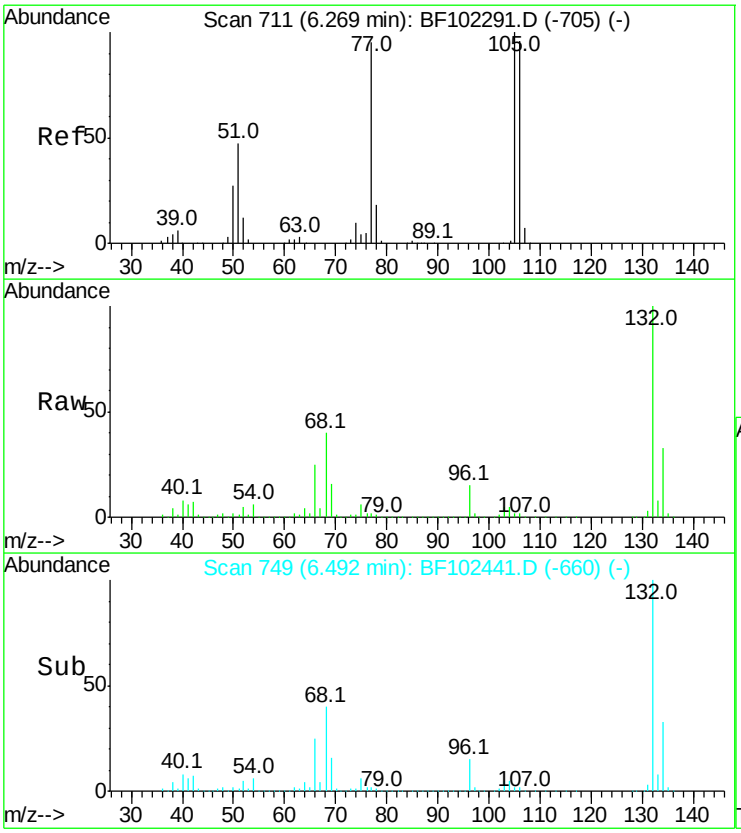
#7
Phenol-d6
Concen: 117.376 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1218671

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	34.1	25.4	38.0

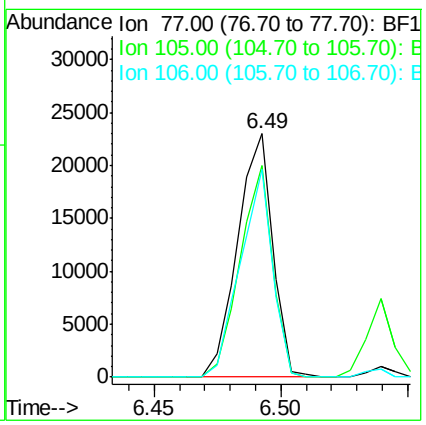


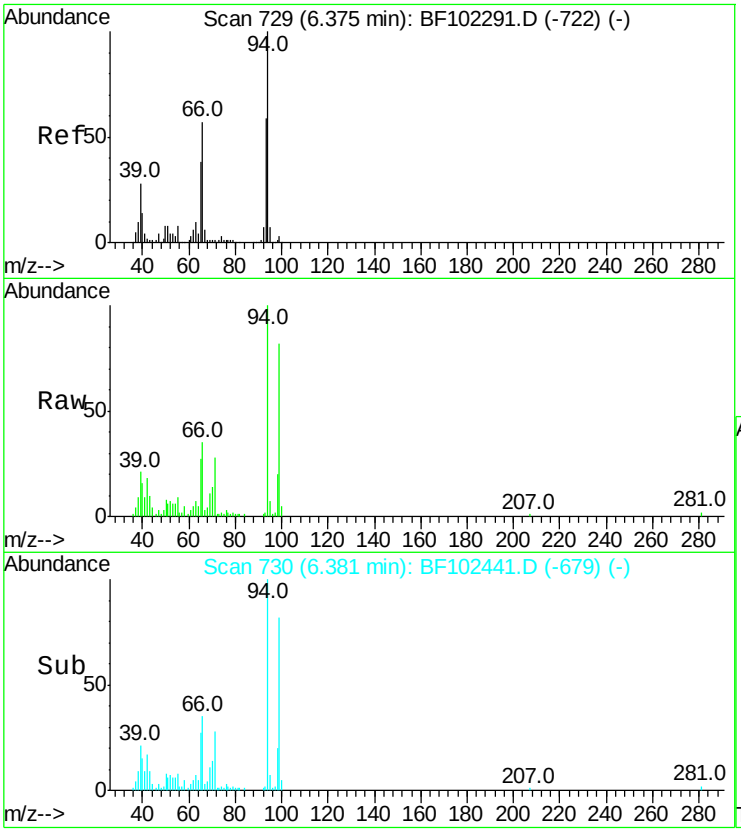


#9
Benzaldehyde
Concen: 3.064 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.22 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion: 77 Resp: 22149

Ion	Ratio	Lower	Upper
77	100		
105	86.8	81.1	121.1
106	85.3	74.5	114.5



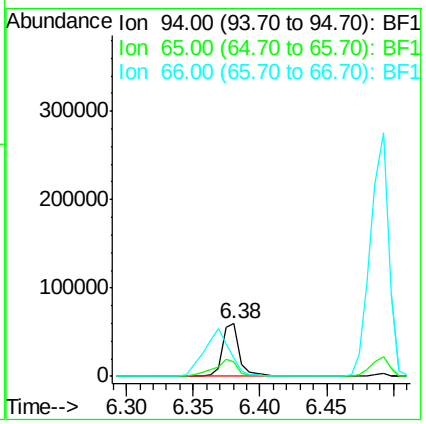


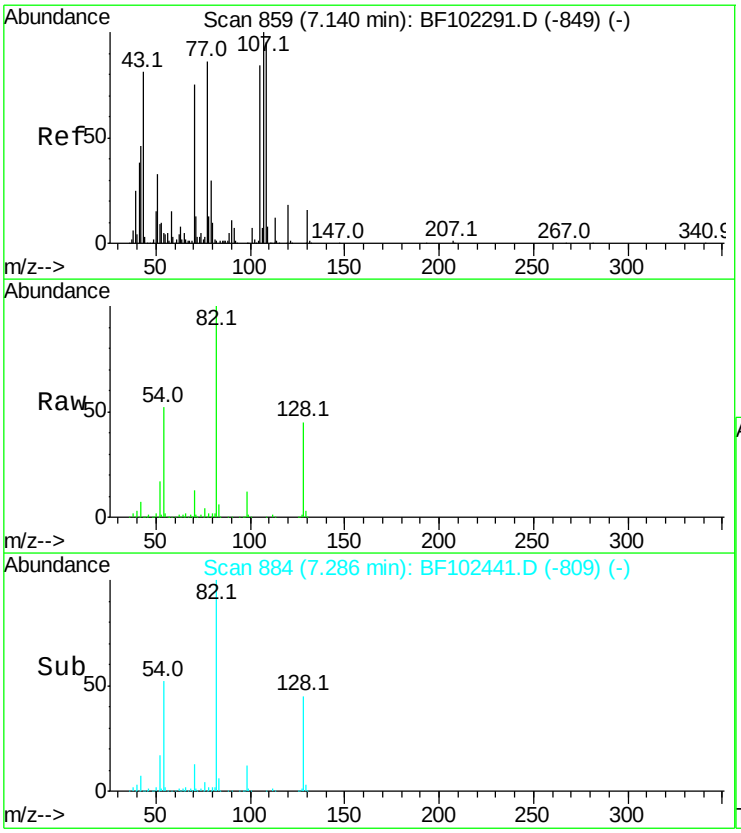
#10
Phenol
Concen: 4.797 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 54374

Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.9	47.9
66	35.4	16.2	56.2

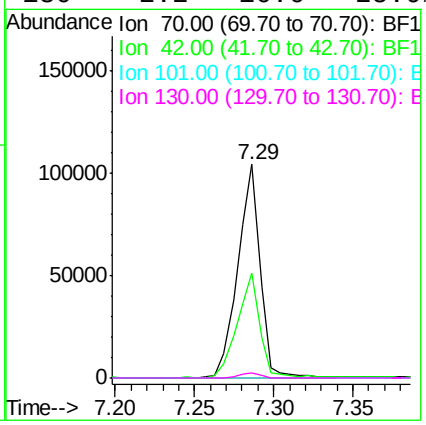


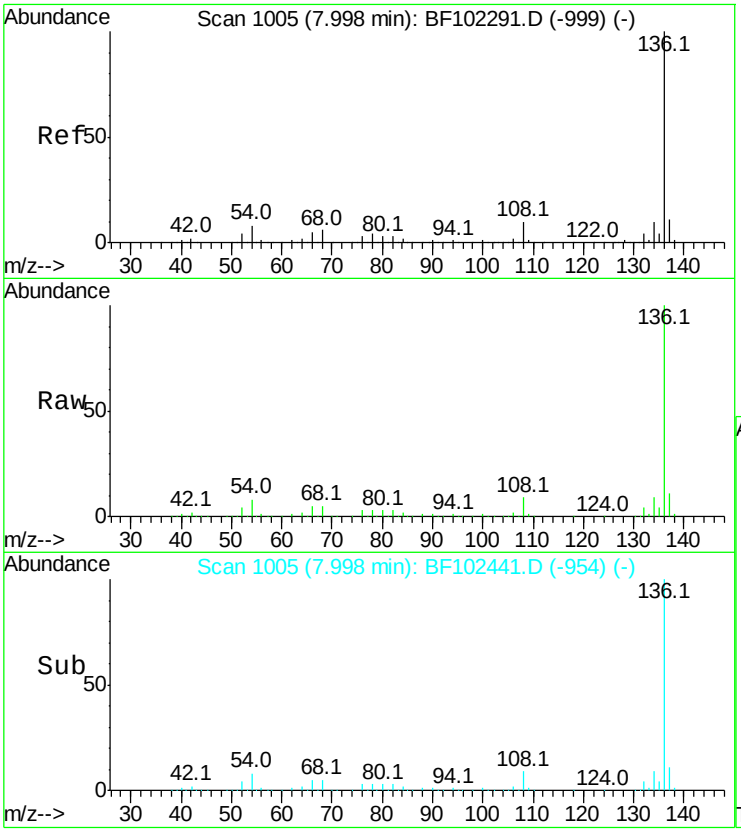


#19
n-Nitroso-di-n-propylamine
Concen: 16.154 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion: 70 Resp: 102640

Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



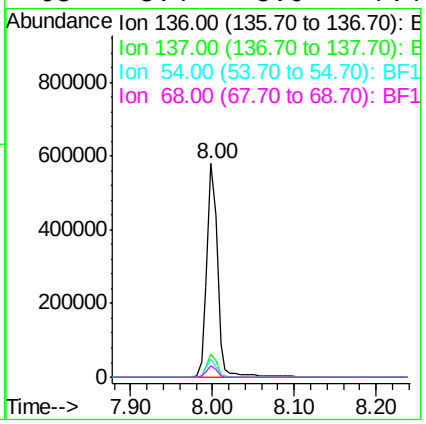


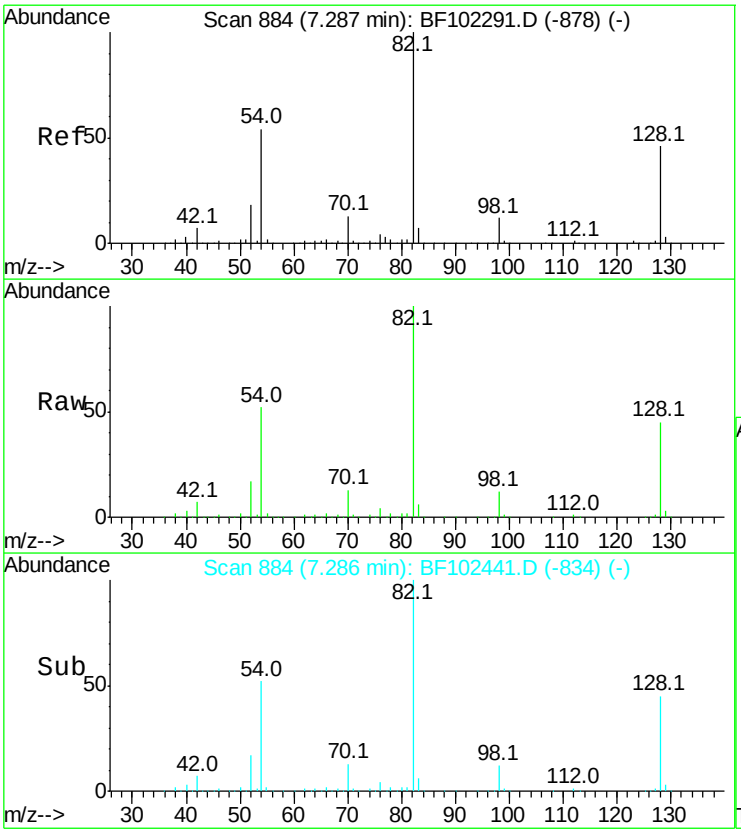
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 530711

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	6.6	9.8
68	5.4	5.0	7.4

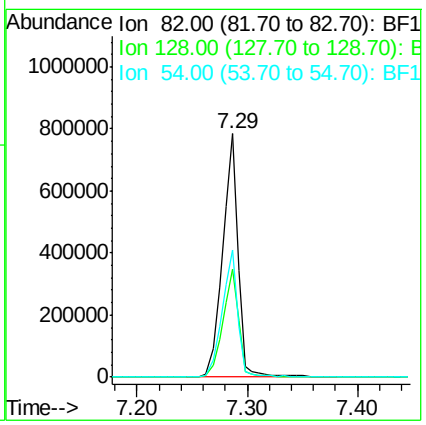


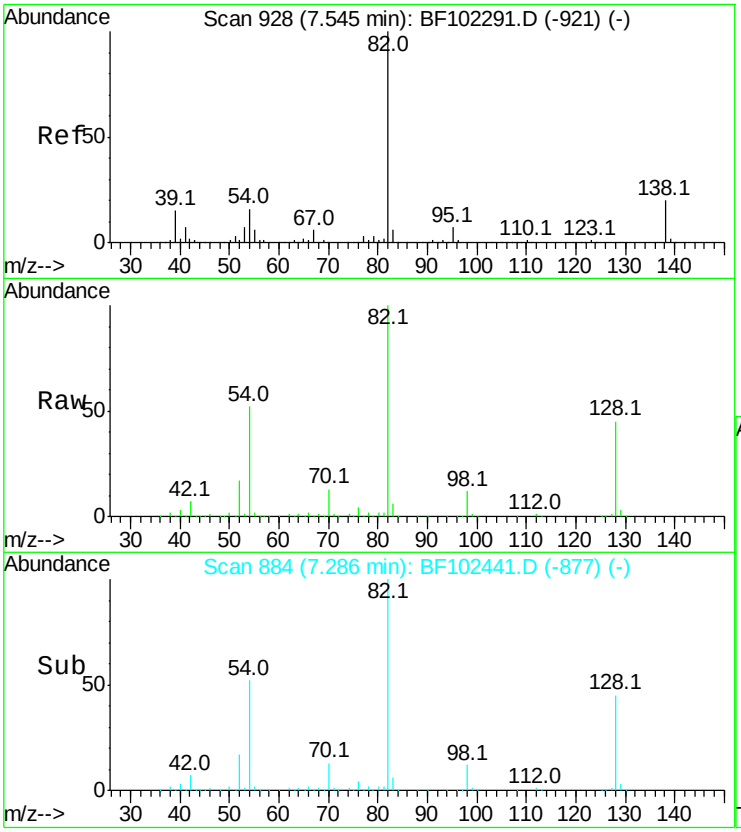


#23
Nitrobenzene-d5
Concen: 84.154 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion: 82 Resp: 777171

Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	52.1	41.4	62.2



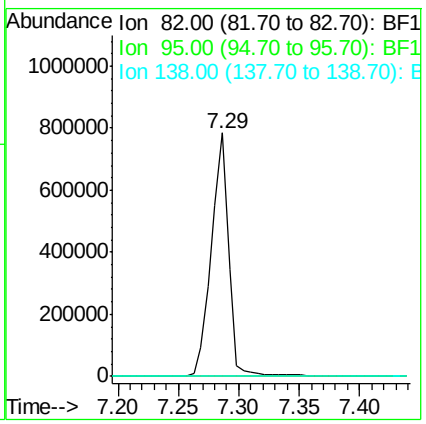


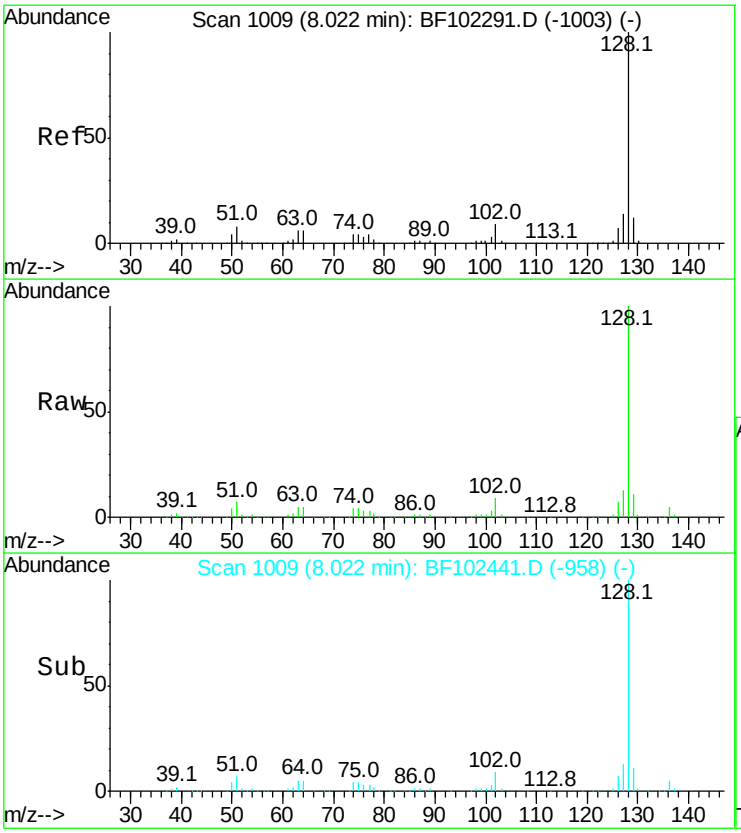
#25
Isophorone
Concen: 47.026 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 774233

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

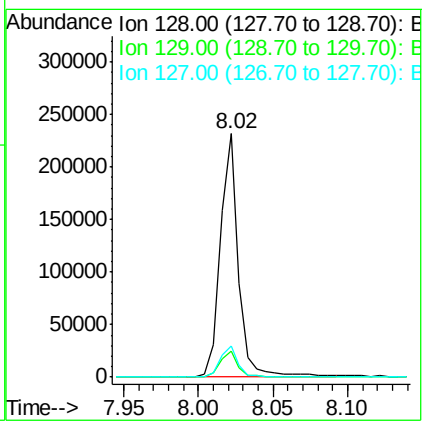


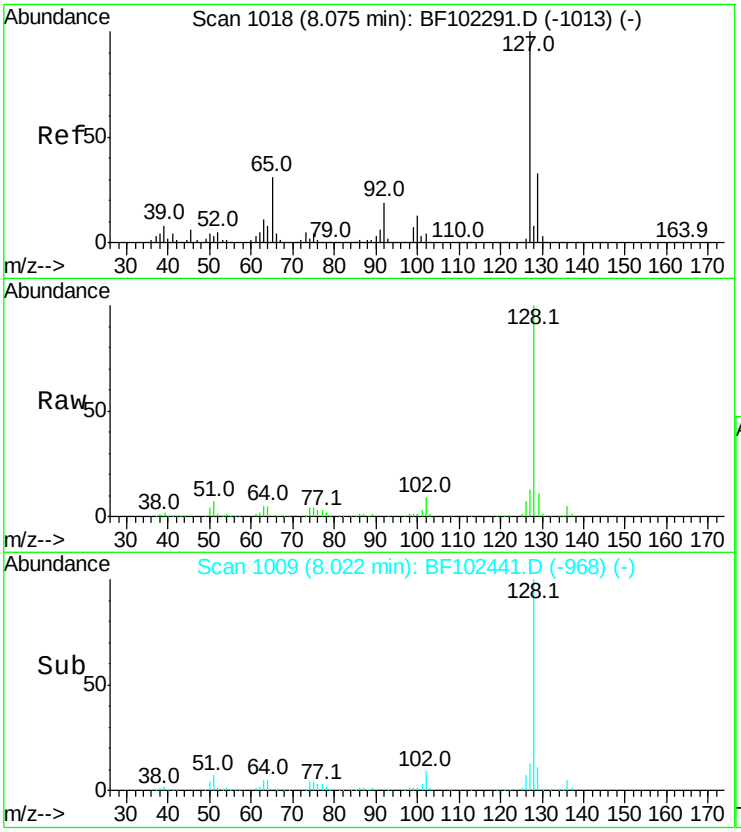


#31
Naphthalene
Concen: 7.519 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:128 Resp: 199231

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.9	16.3



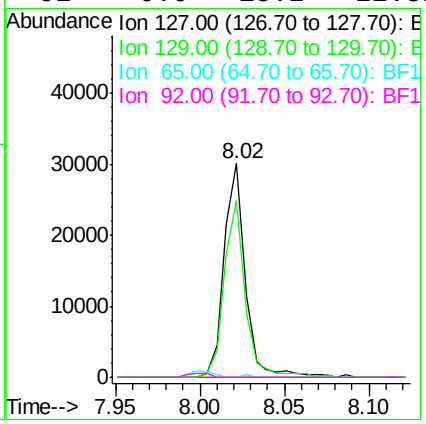


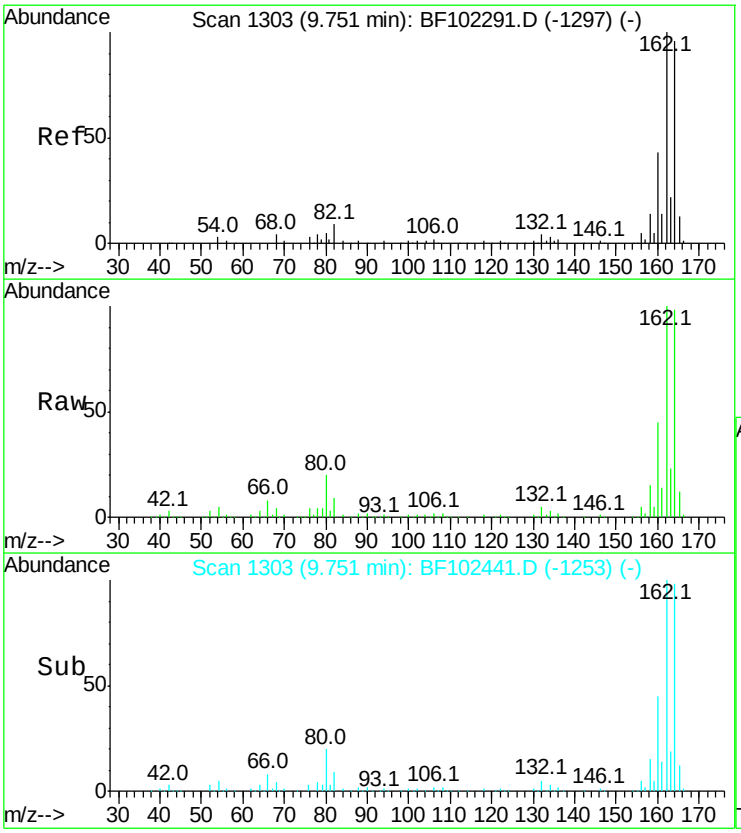
#33
4-Chloroaniline
Concen: 2.359 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 26285

Ion	Ratio	Lower	Upper
127	100		
129	82.9	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

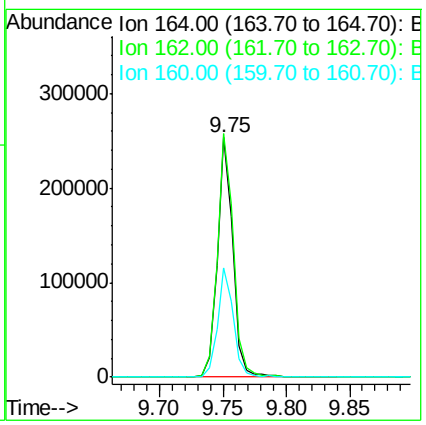


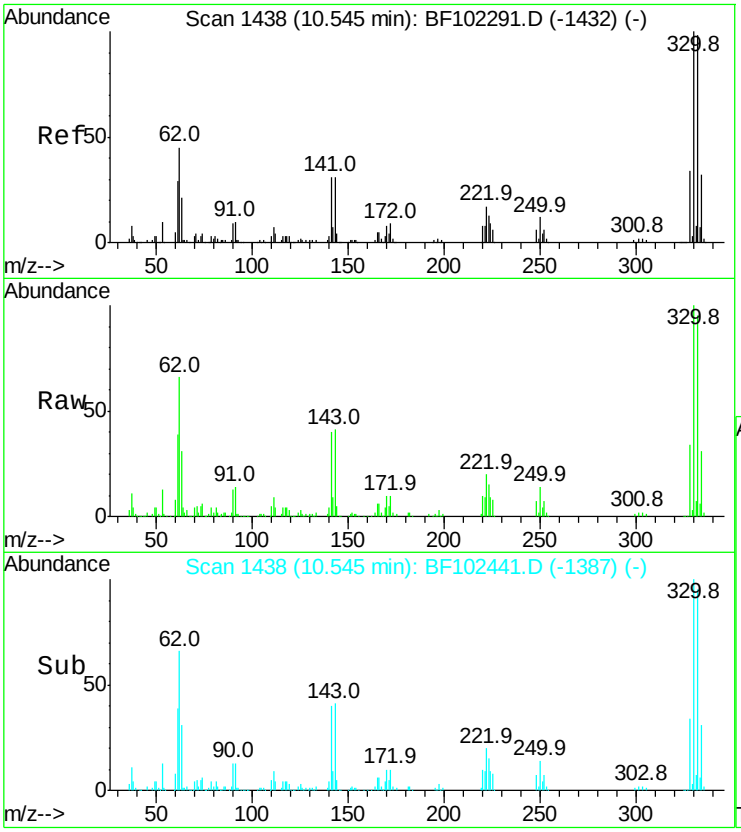


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:164 Resp: 218064

Ion	Ratio	Lower	Upper
164	100		
162	101.7	86.1	129.1
160	45.8	38.3	57.5



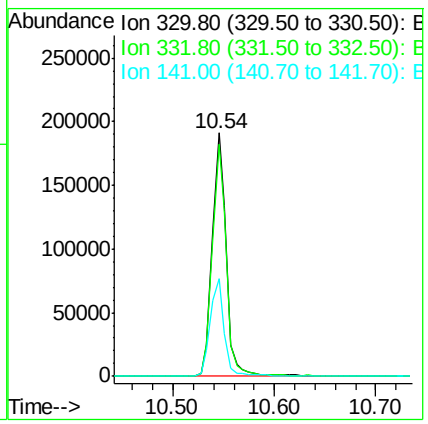


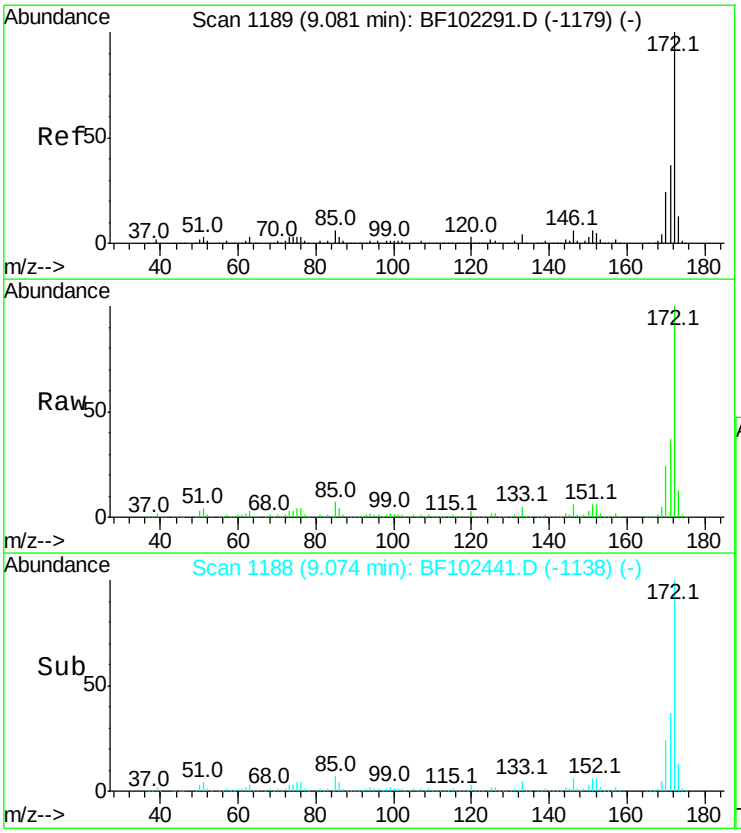
#41
2,4,6-Tribromophenol
Concen: 85.919 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 185645

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	39.9	29.9	44.9

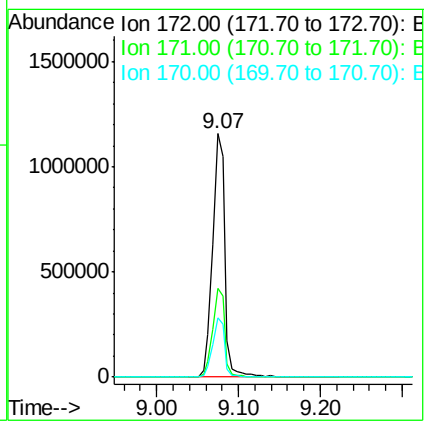


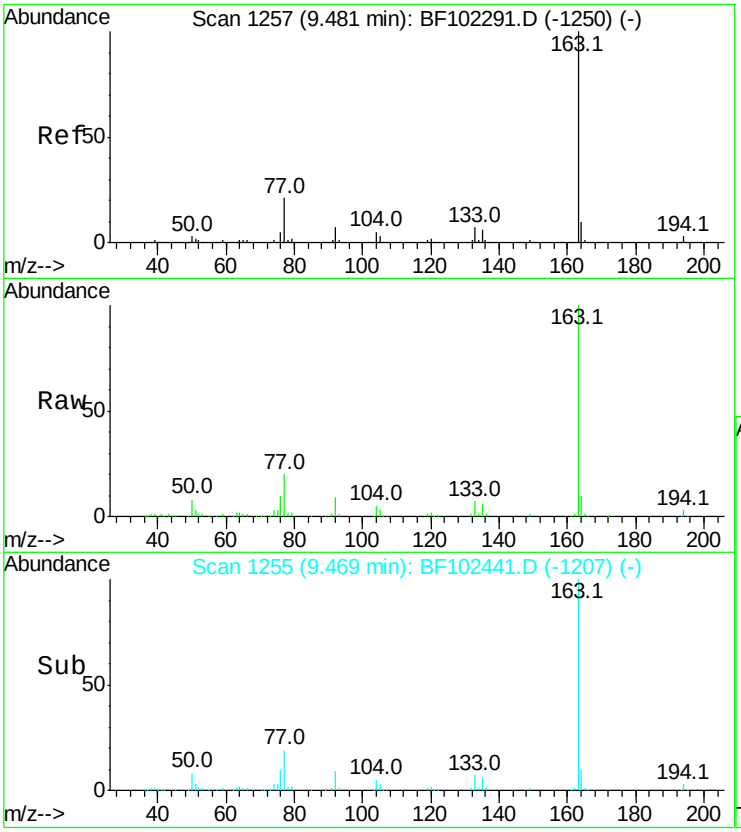


#44
2-Fluorobiphenyl
Concen: 81.084 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:172 Resp: 1202539

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4



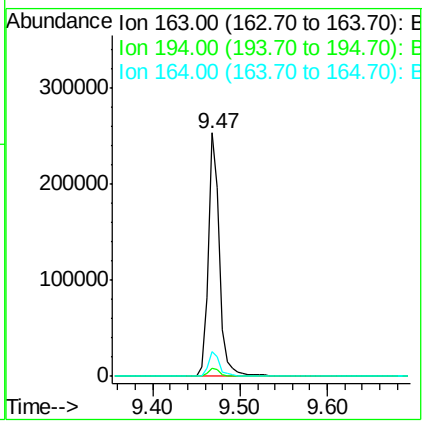


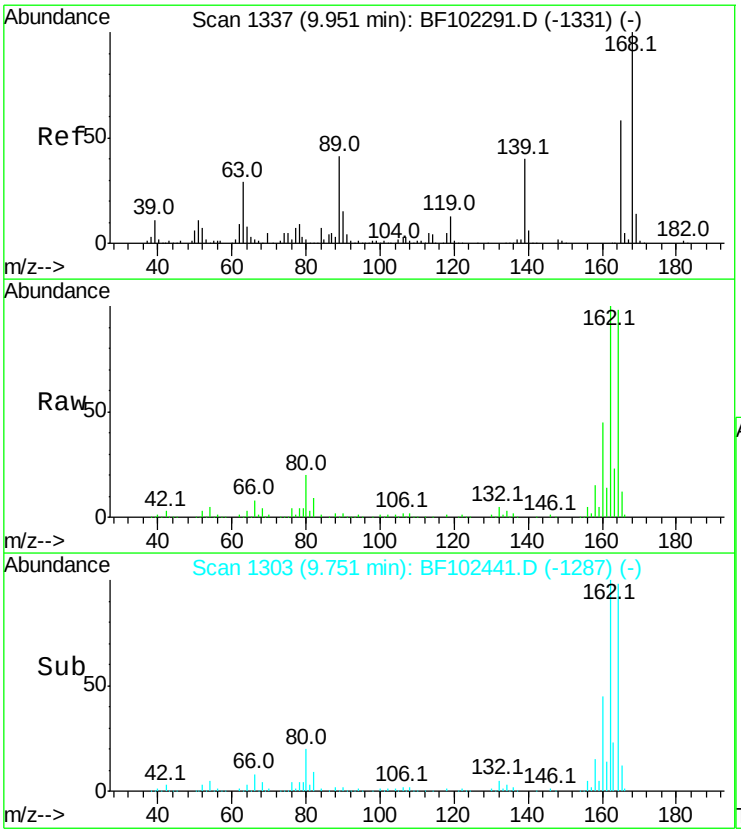
#49
Dimethylphthalate
Concen: 12.485 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 225034

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

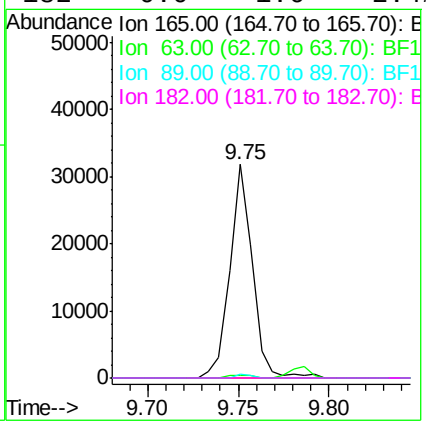


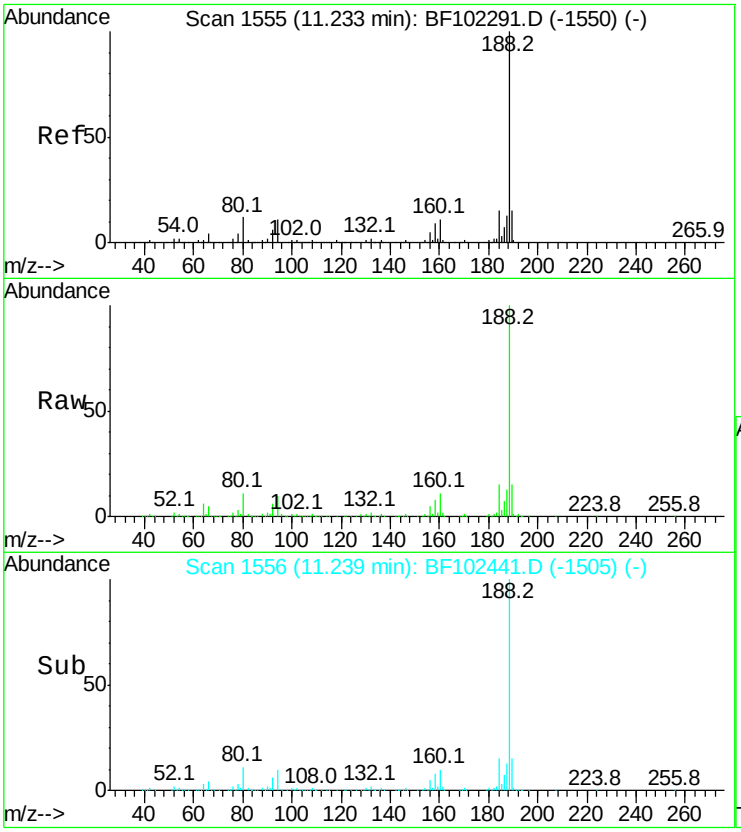


#56
2,4-Dinitrotoluene
Concen: 5.792 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:165 Resp: 27681

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#



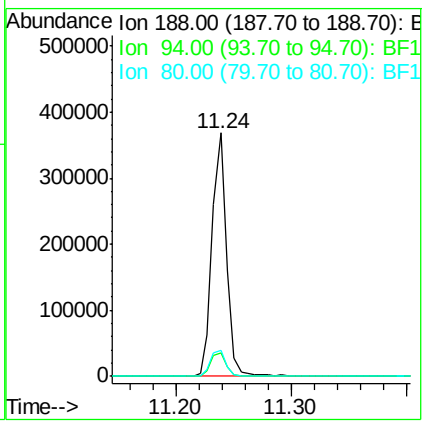


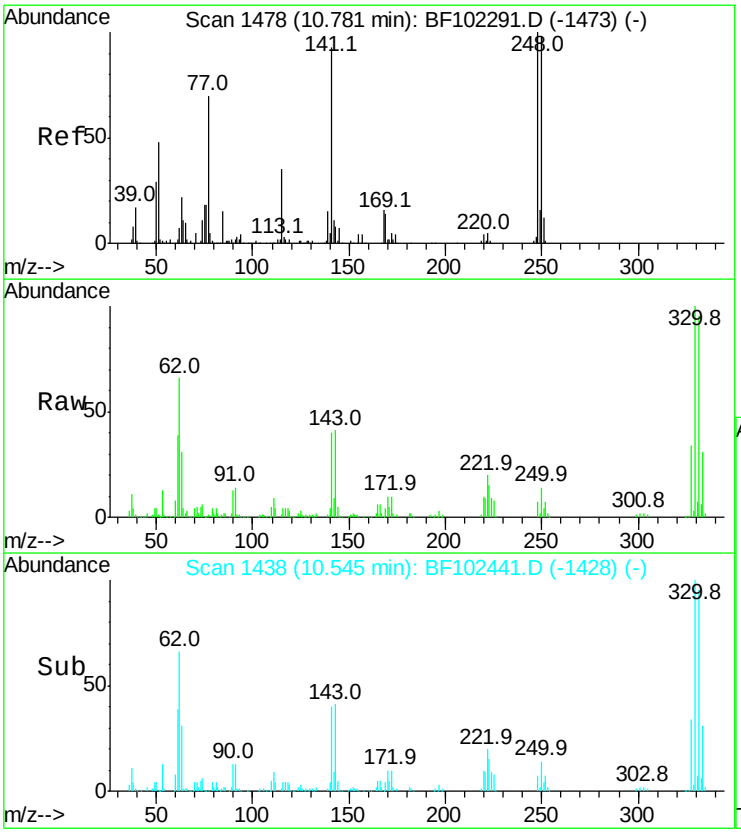
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 320750

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

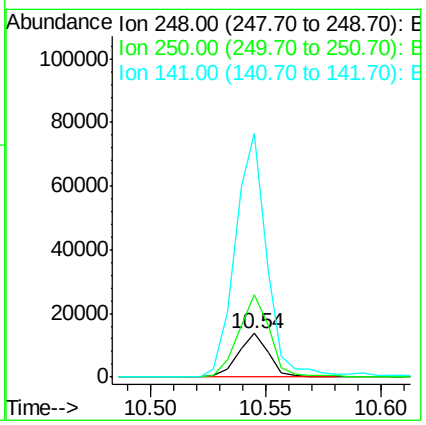


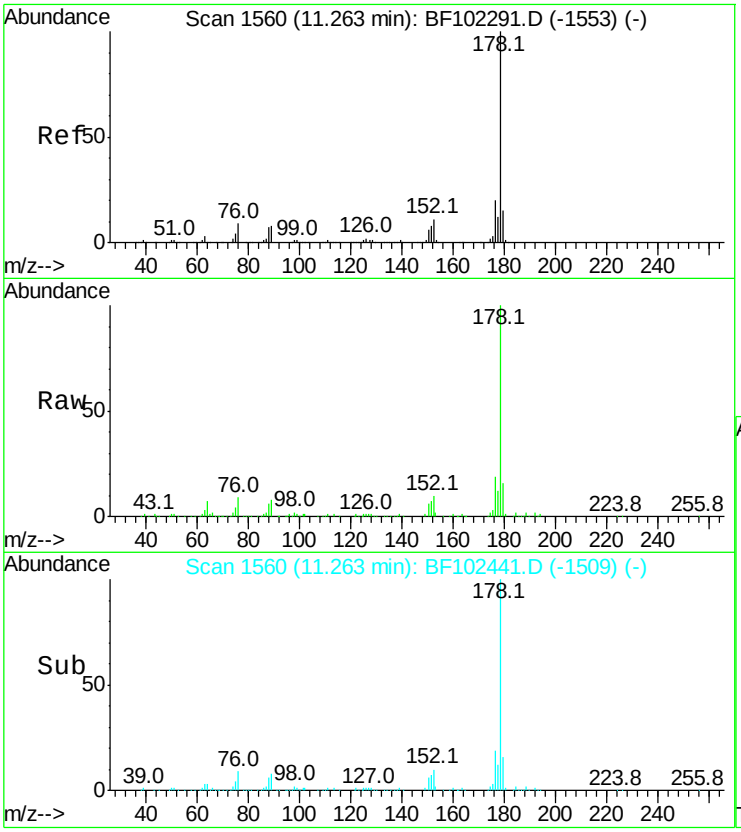


#66
4-Bromophenyl-phenylether
Concen: 3.640 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:248 Resp: 12569

Ion	Ratio	Lower	Upper
248	100		
250	188.6	76.9	115.3#
141	558.8	74.4	111.6#



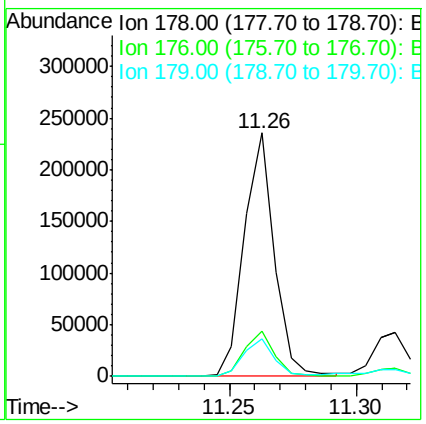


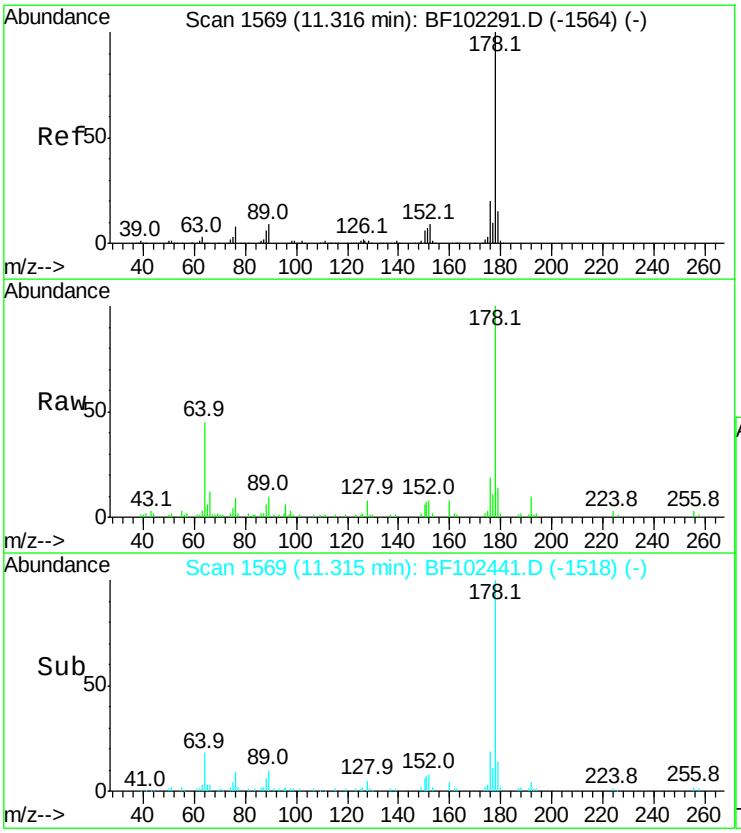
#70
Phenanthrene
Concen: 10.460 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 195514

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6

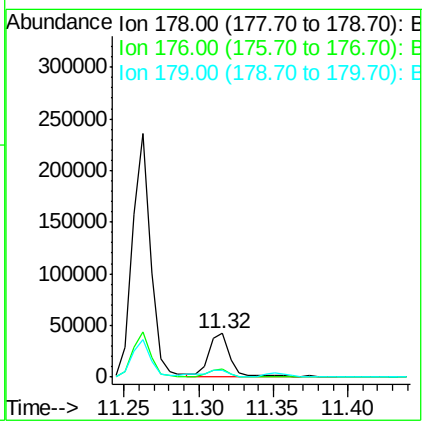


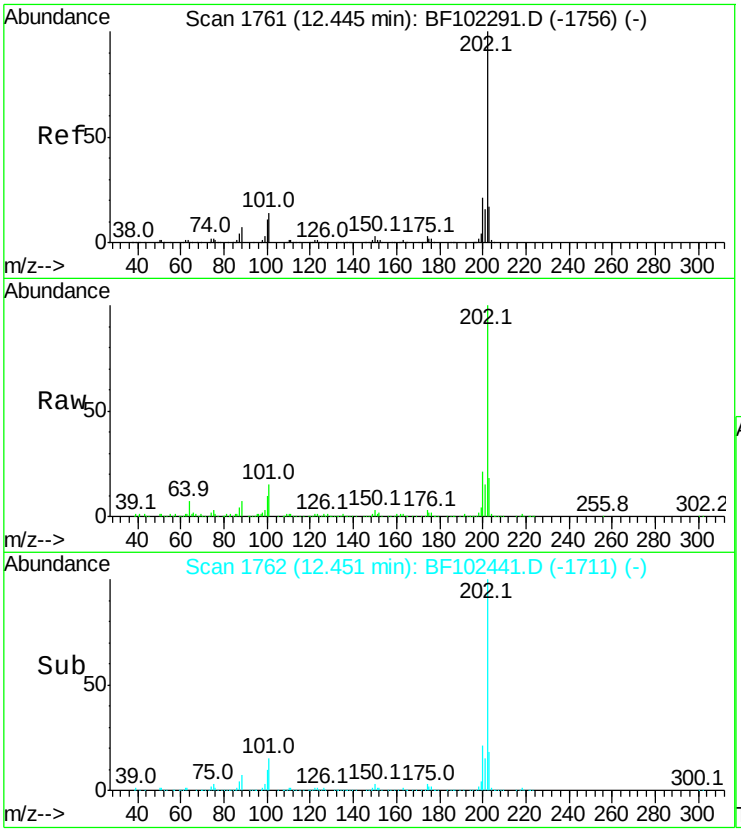


#71
Anthracene
Concen: 2.233 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:178 Resp: 42600

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.2	12.6	19.0



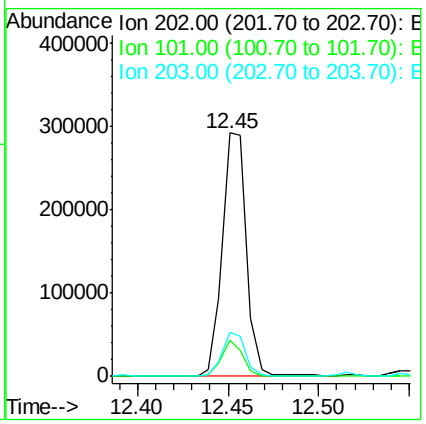


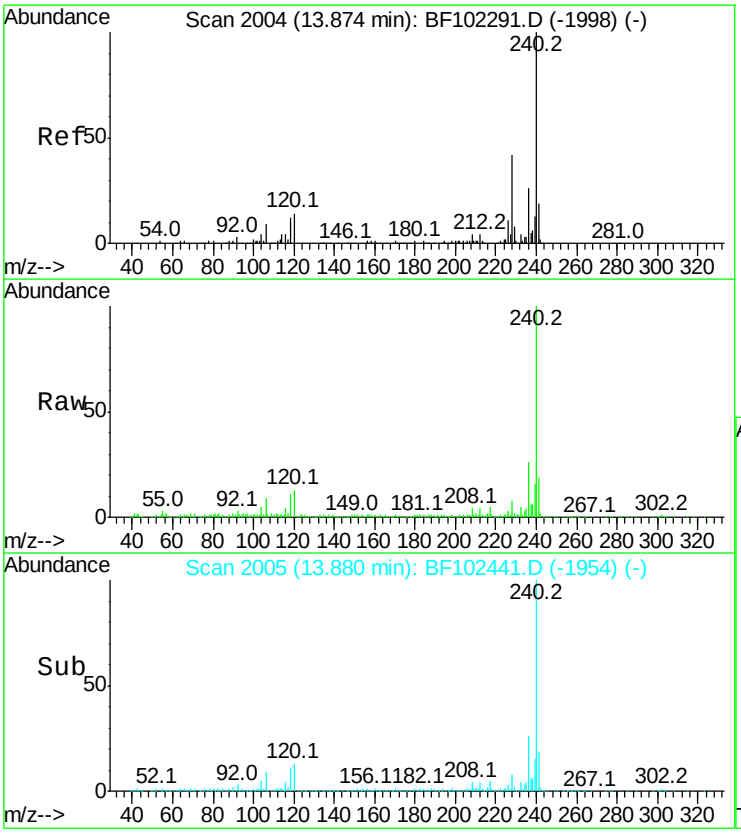
#74
Fluoranthene
Concen: 14.273 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 272053

Ion	Ratio	Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.9	0.0	38.1

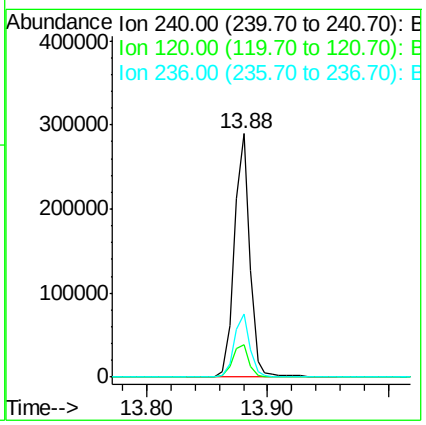


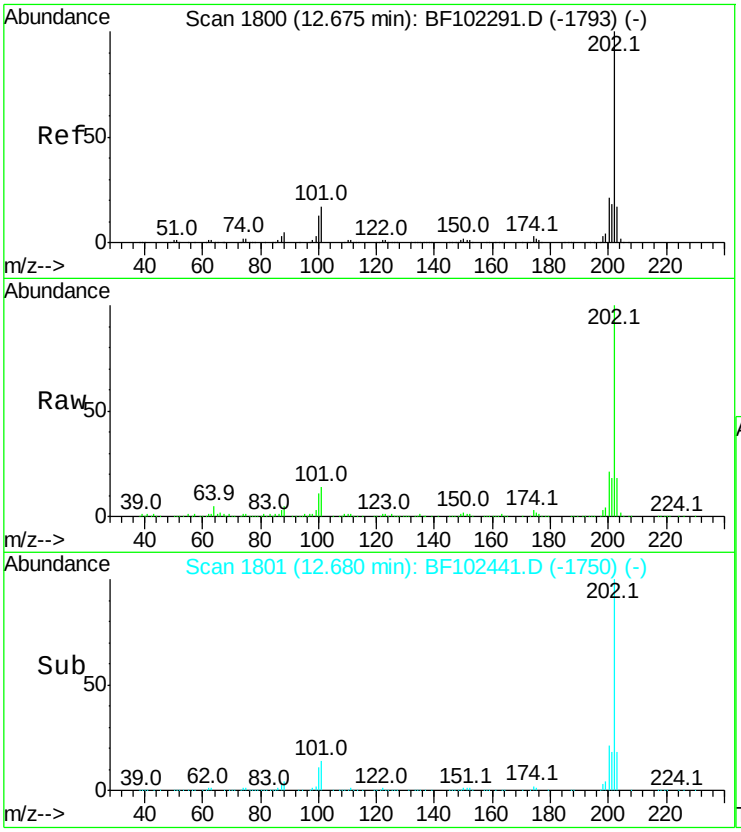


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:240 Resp: 259730

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.9	20.7	31.1



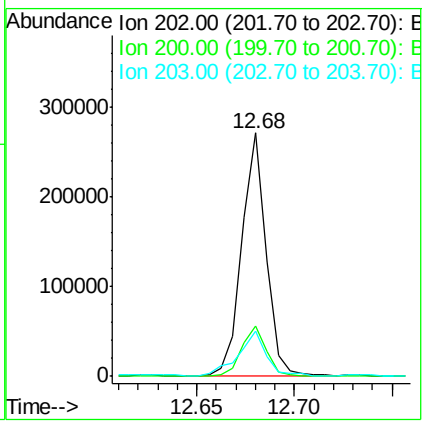


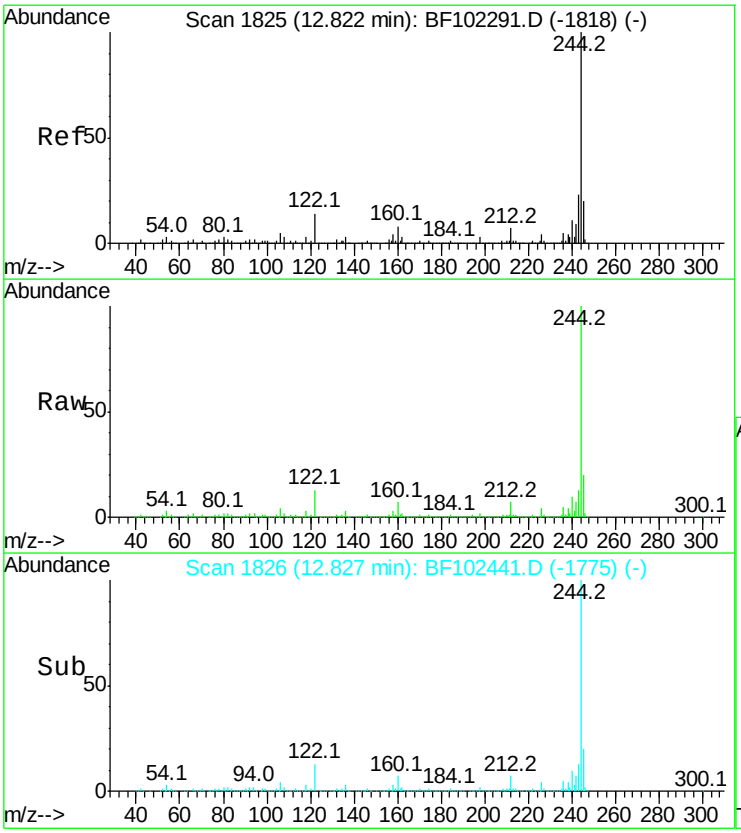
#77
Pyrene
Concen: 11.586 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 232657

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5

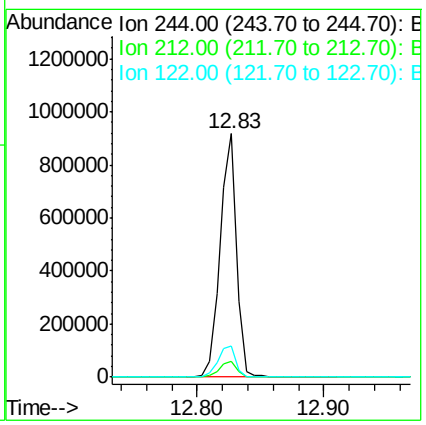


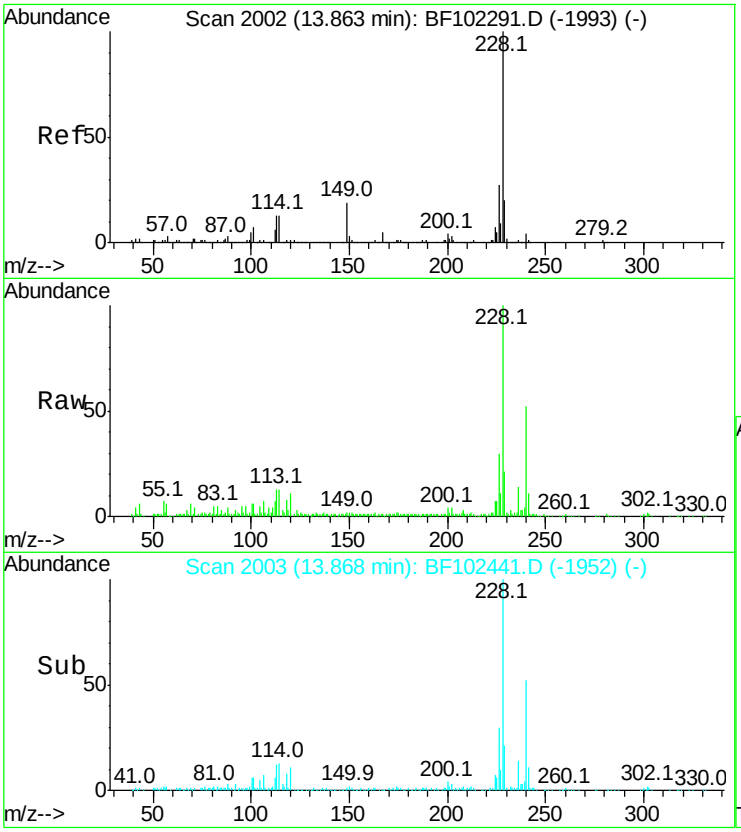


#78
Terphenyl-d14
Concen: 72.155 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:244 Resp: 831309

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.9	11.0	16.4



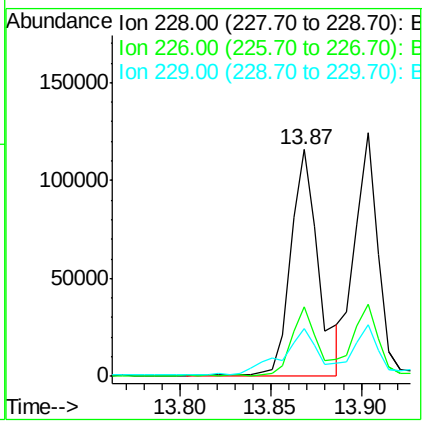


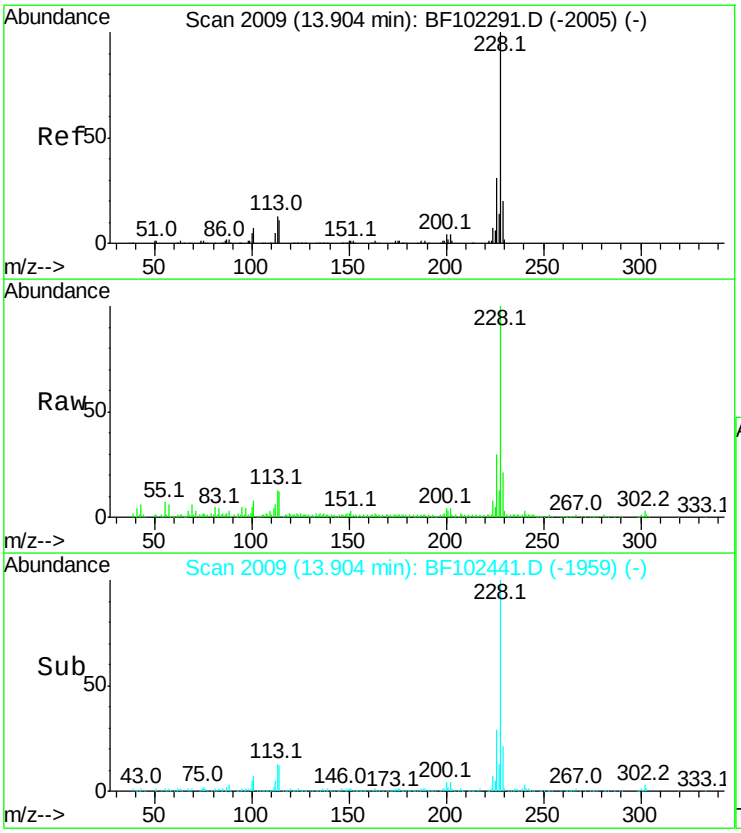
#80
Benzo(a)anthracene
Concen: 7.729 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 123591

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.2	15.8	23.6

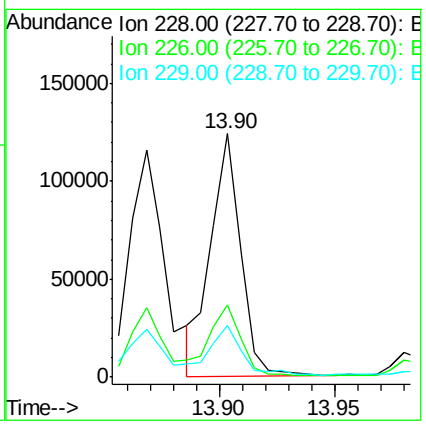


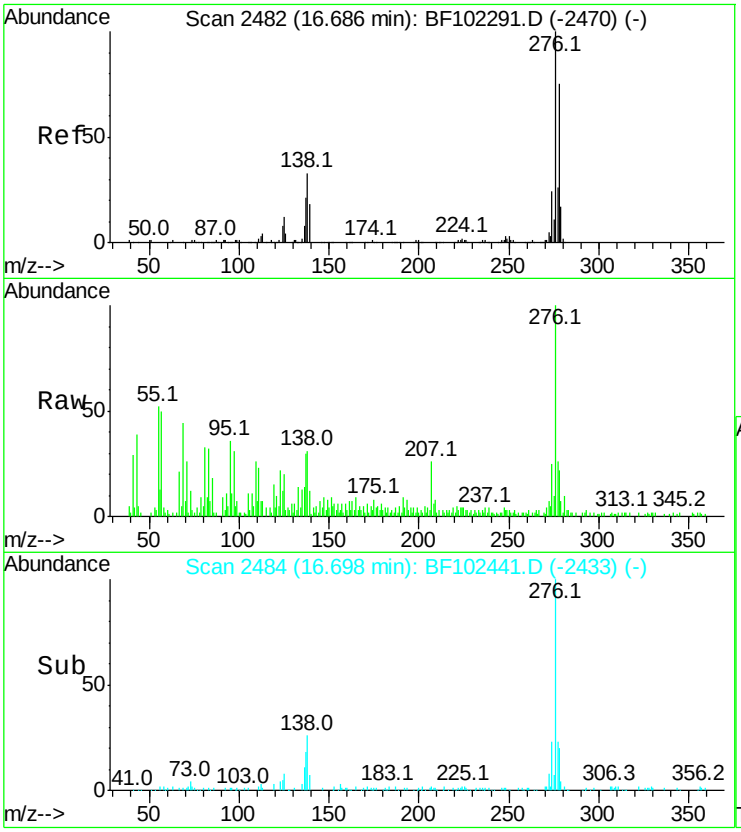


#82
Chrysene
Concen: 6.854 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:228 Resp: 111300

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.3	16.2	24.4



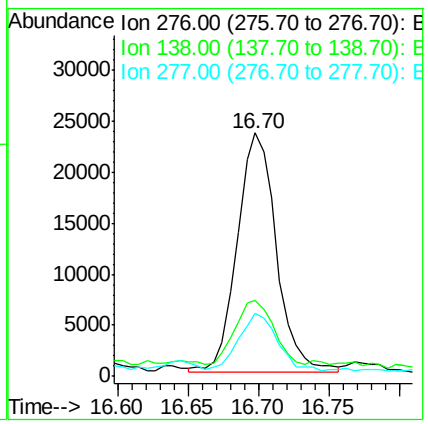


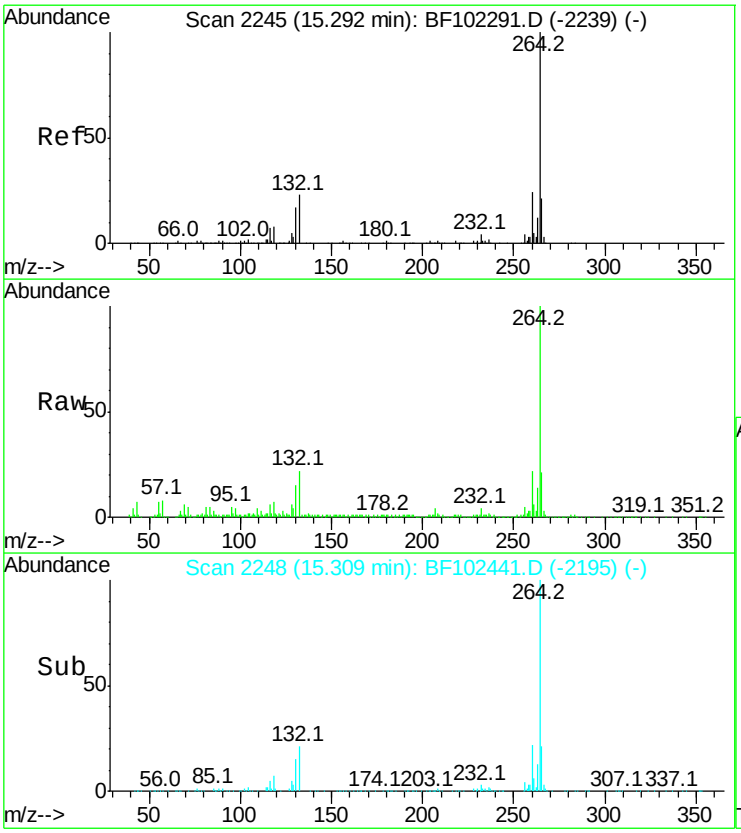
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.401 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 45606

Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	24.7	20.1	30.1

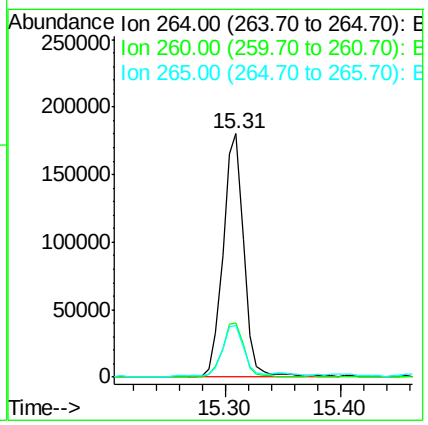


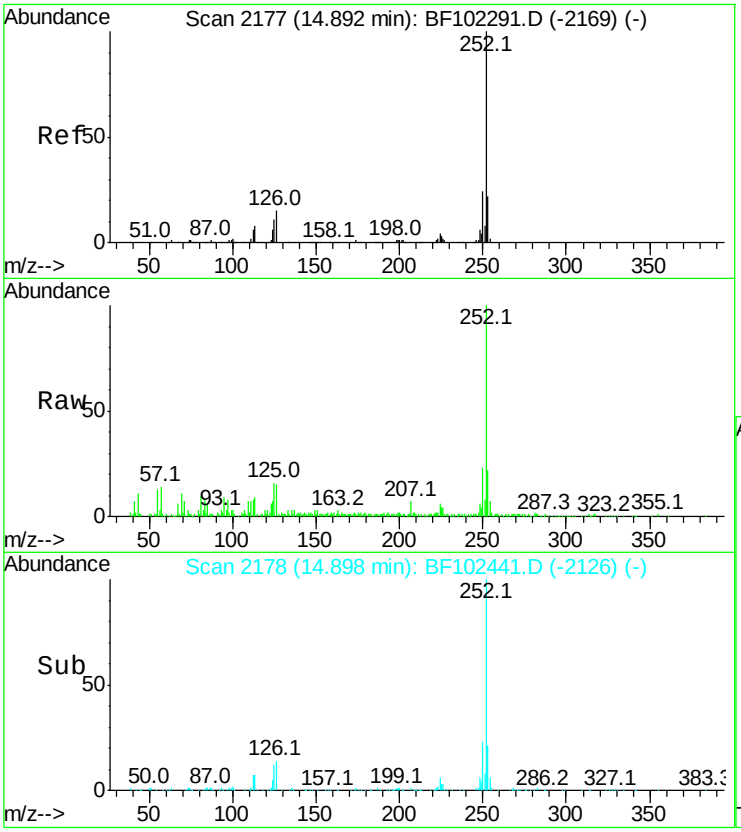


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:264 Resp: 220198

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.4	17.5	26.3



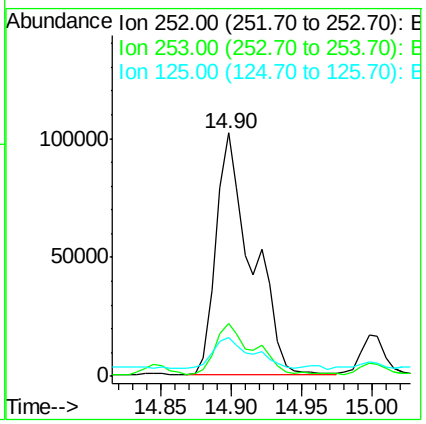


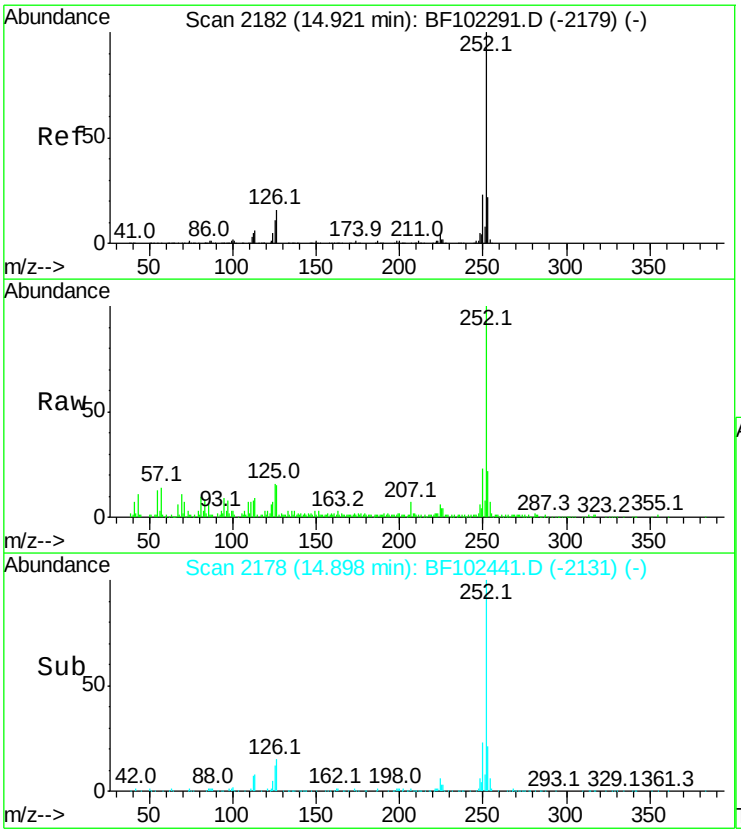
#87
Benzo(b)fluoranthene
Concen: 12.618 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 180089

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	16.0	9.0	13.6#

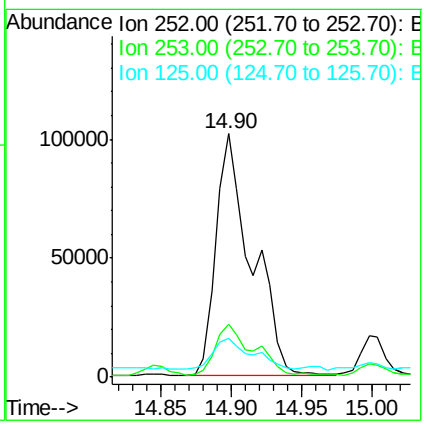


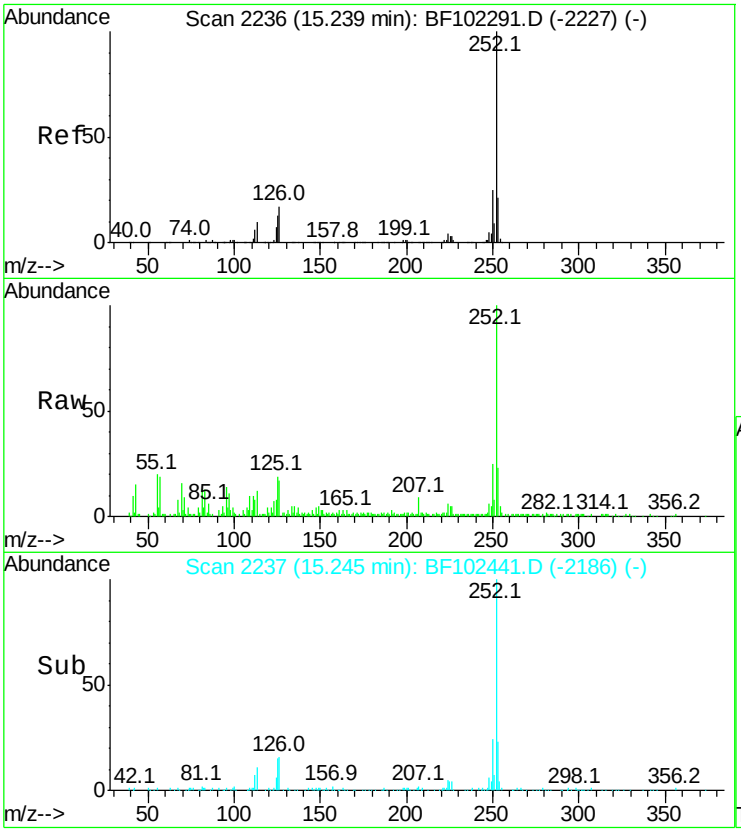


#88
Benzo(k)fluoranthene
Concen: 13.356 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:252 Resp: 180089

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	16.0	10.2	15.2#



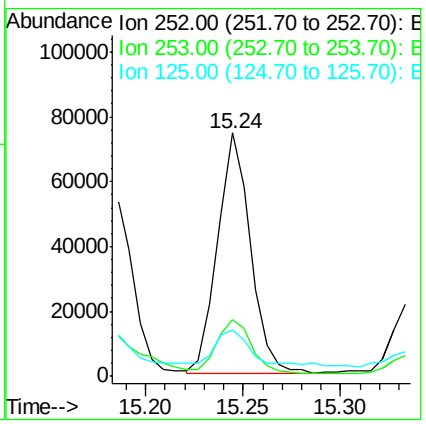


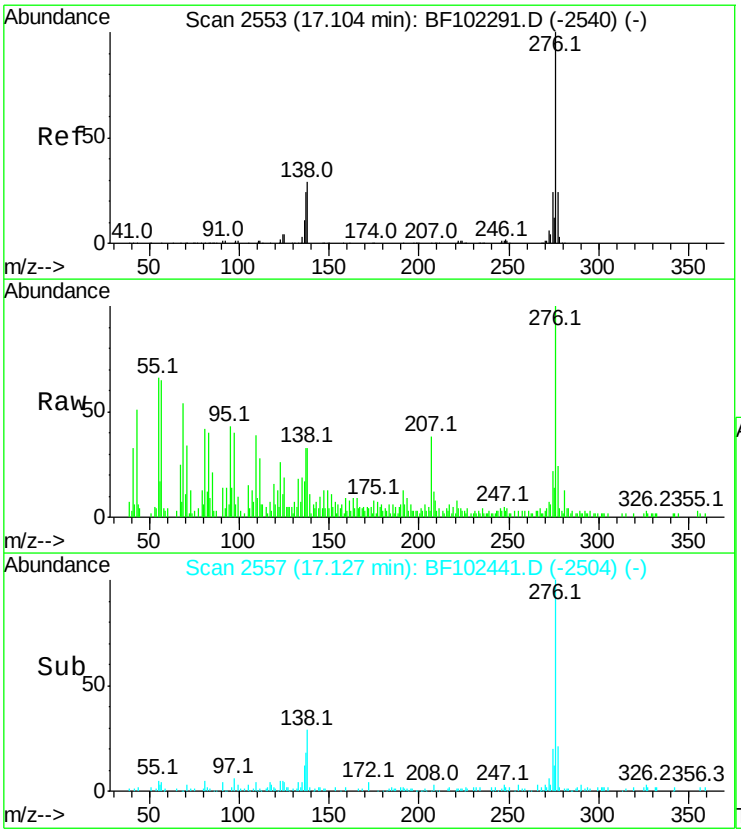
#89
Benzo(a)pyrene
Concen: 6.812 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 87683

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	19.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.802 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion:276 Resp: 39138

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	33.0	21.8	32.8#