Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102520.D
Acq On : 27 Jan 2018 19:48
Operator : SJ/JU
Sample : J1009-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-D

Quant Time: Jan 27 21:01:28 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	147589	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	581627	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	238179	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	330896	20.00	ng		0.00
75) Chrysene-d12	13.88	240	263065	20.00	ng		0.00
86) Perylene-d12	15.31	264	242525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	958846	98.51	ng		0.00
7) Phenol-d6	6.36	99	1132440	96.50	ng		0.00
23) Nitrobenzene-d5	7.28	82	709101	70.06	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	176585	74.82	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1017619	62.82	ng		0.00
78) Terphenyl-d14	12.82	244	644095	55.20	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.37	94	52405	4.091	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	93280	12.989	ng	#	80
25) Isophorone	7.28	82	704774	39.060	ng	#	64
31) Naphthalene	8.02	128	126034	4.340	ng		99
37) 2-Methylnaphthalene	8.71	142	72859	3.767	ng		97
49) Dimethylphthalate	9.47	163	106281	5.399	ng		97
51) Acenaphthene	9.78	154	42814	2.843	ng		97
54) Dibenzofuran	9.96	168	86389	4.238	ng		96
57) Fluorene	10.30	166	93914	5.814	ng		98
66) 4-Bromophenyl-phenylether	10.54	248	12236	3.435	ng	#	1
70) Phenanthrene	11.26	178	514049	26.659	ng		98
71) Anthracene	11.31	178	129144	6.562	ng		98
72) Carbazole	11.47	167	72241	3.762	ng		96
74) Fluoranthene	12.45	202	547963	27.868	ng		99
77) Pyrene	12.69	202	447789	22.016	ng		100
80) Benzo(a)anthracene	13.87	228	215589	13.311	ng		99
82) Chrysene	13.90	228	165729	10.077	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	46055	3.391	ng		99
87) Benzo(b)fluoranthene	14.90	252	239860	15.259	ng	#	94
88) Benzo(k)fluoranthene	14.90	252	239860	16.151	ng		97
89) Benzo(a)pyrene	15.24	252	124410	8.775	ng	#	92
91) Benzo(g,h,i)perylene	17.13	276	39891	3.518	ng	#	91

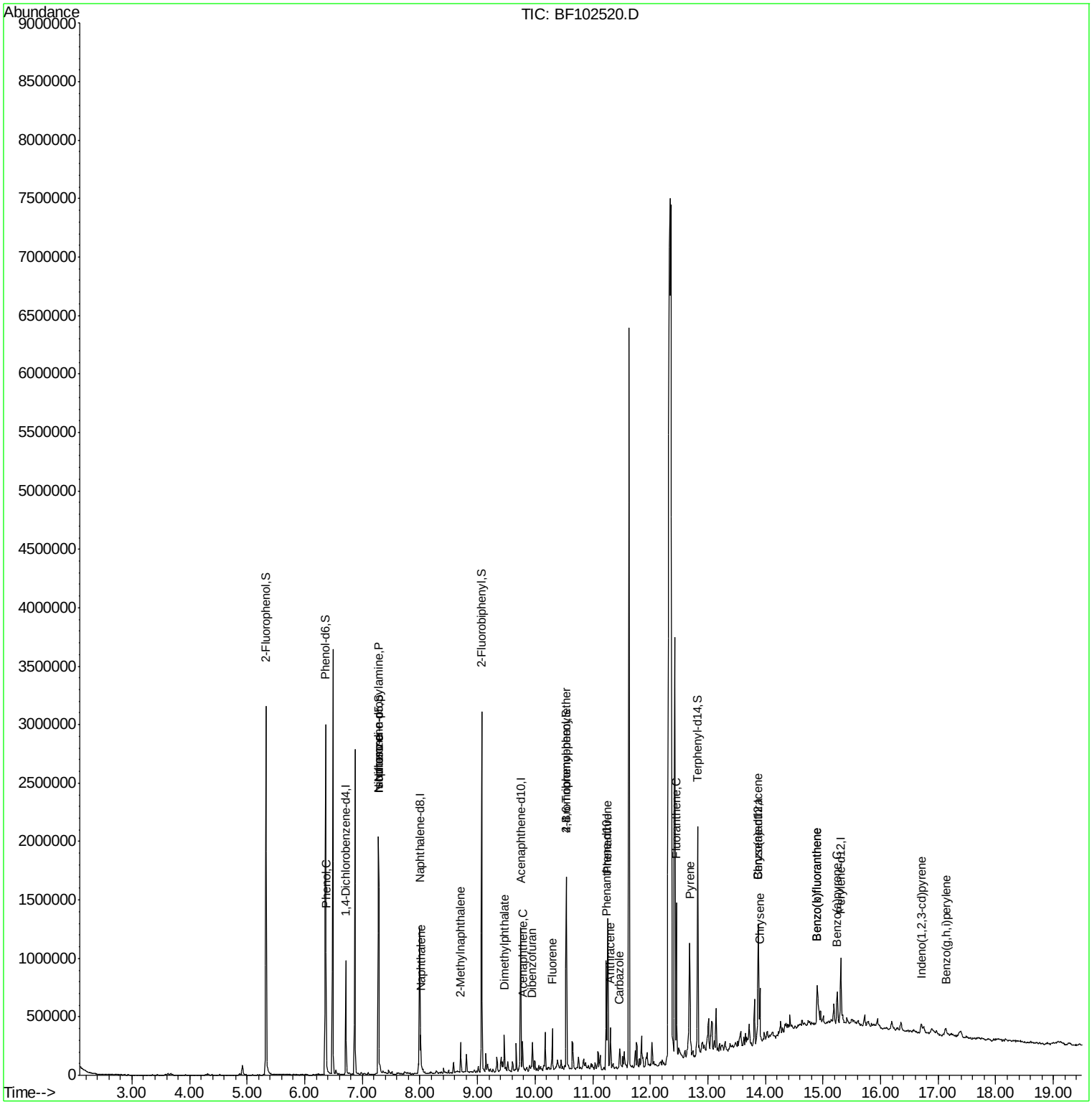
(#) = qualifier out of range (m) = manual integration (+) = signals summed

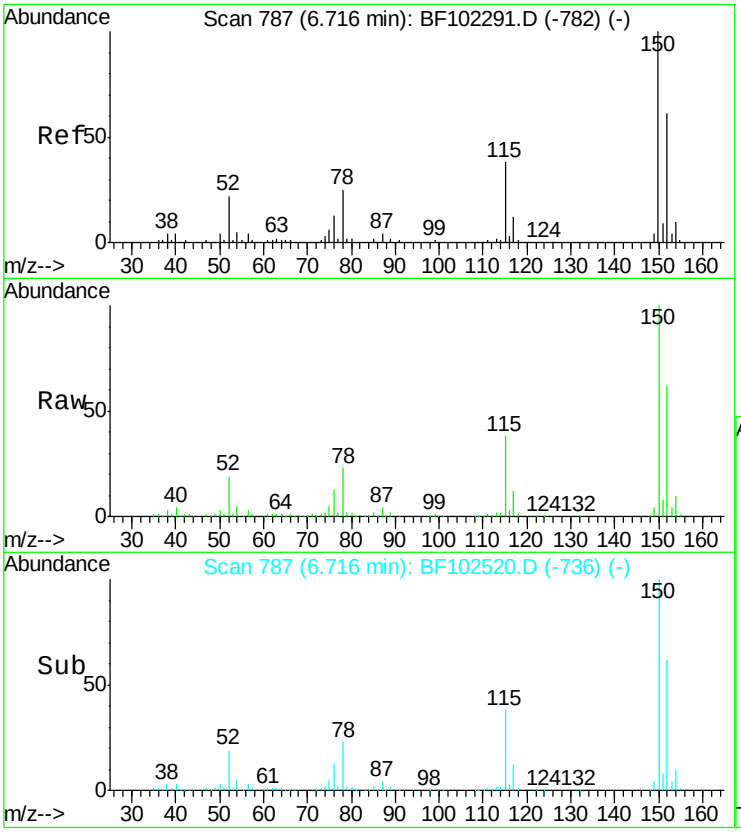
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
Data File : BF102520.D
Acq On : 27 Jan 2018 19:48
Operator : SJ/JU
Sample : J1009-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AU-05-012518-D

Quant Time: Jan 27 21:01:28 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



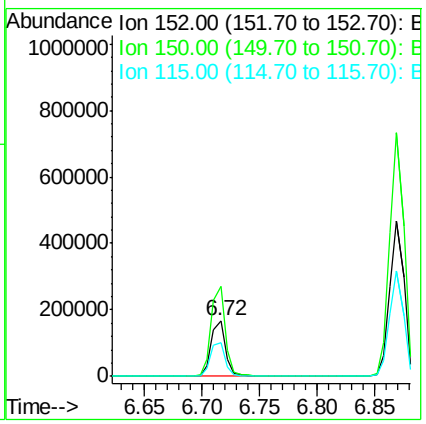


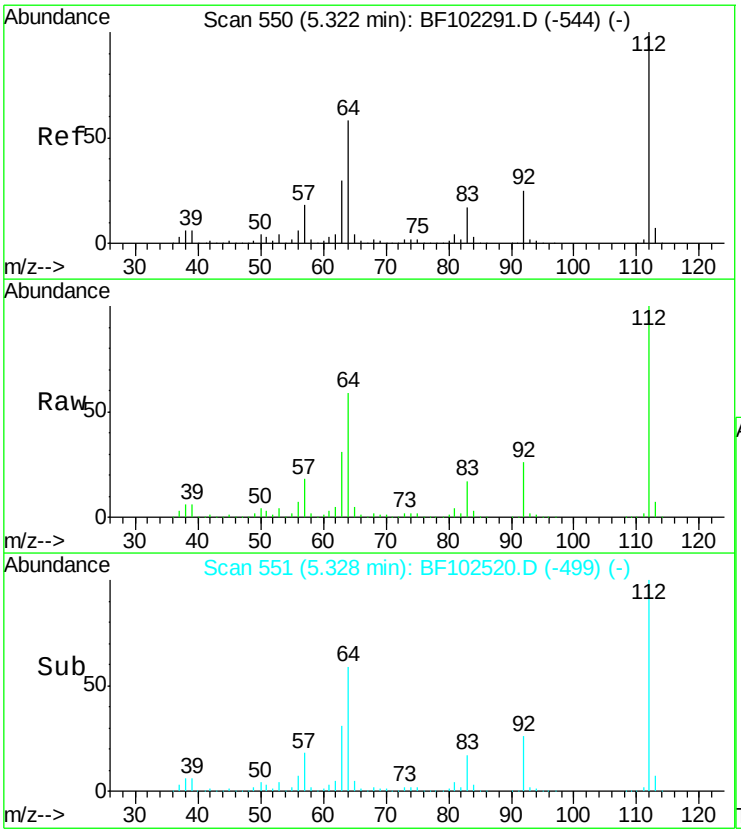
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:152 Resp: 147589

Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.6	186.8
115	60.9	50.1	75.1

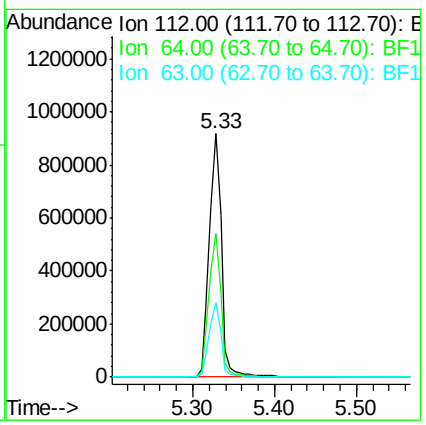


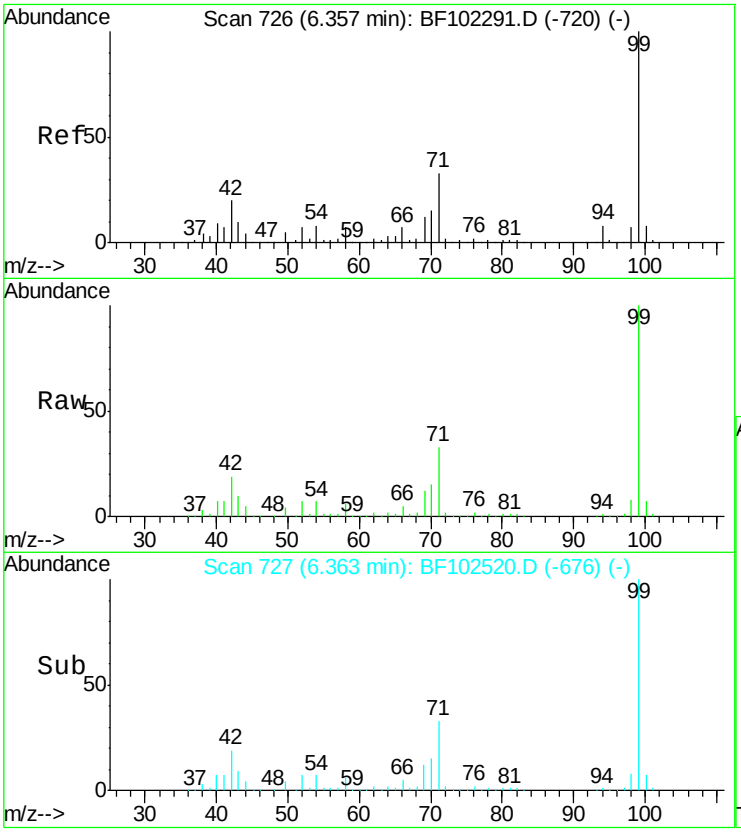


#5
2-Fluorophenol
Concen: 98.507 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:112 Resp: 958846

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.9	71.9
63	30.6	23.7	35.5



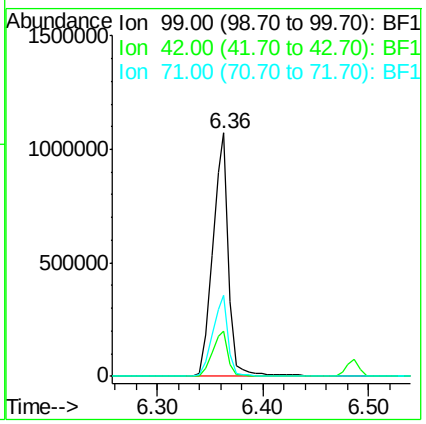


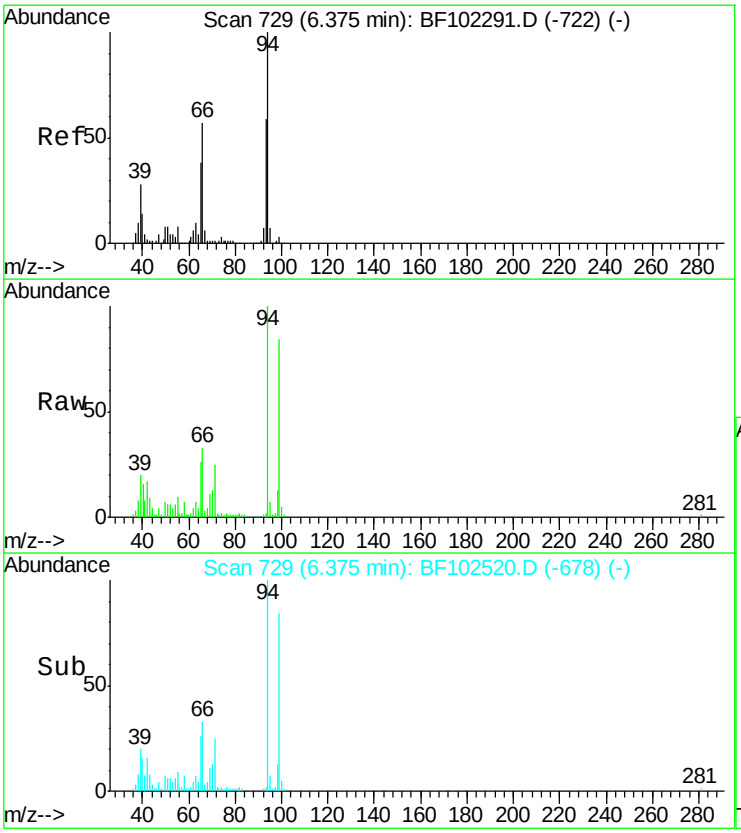
#7
Phenol-d6
Concen: 96.502 ng
RT: 6.36 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion: 99 Resp: 1132440

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.2	25.4	38.0

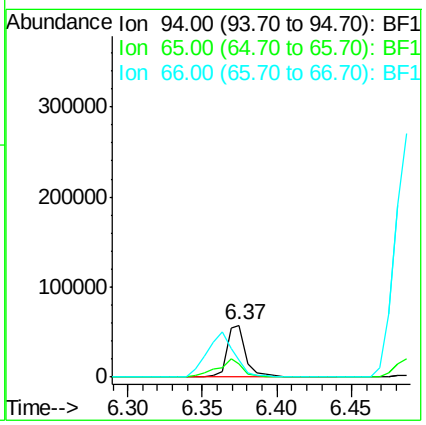


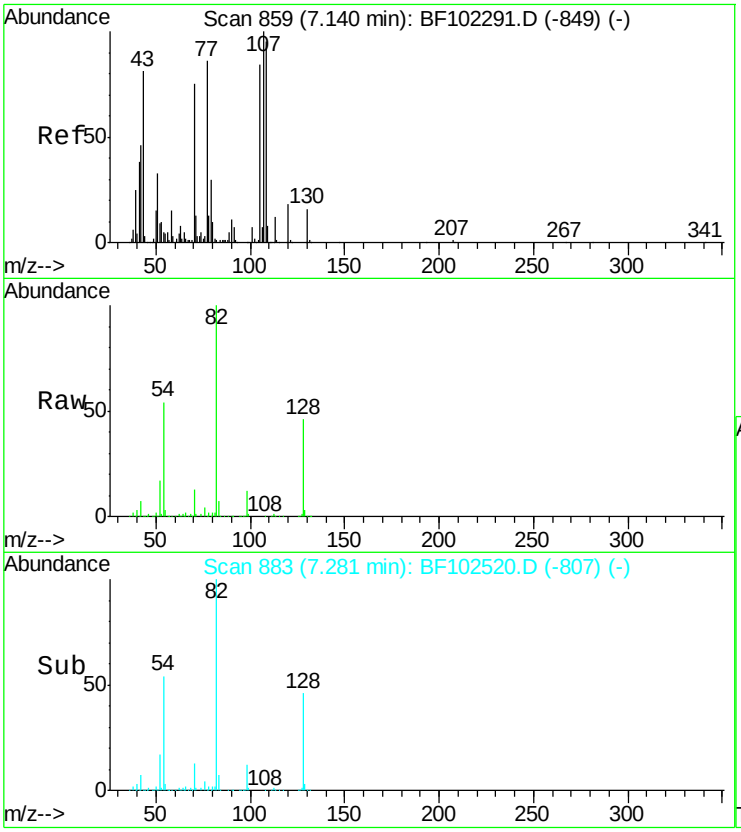


#10
Phenol
Concen: 4.091 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion: 94 Resp: 52405

Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	33.4	16.2	56.2



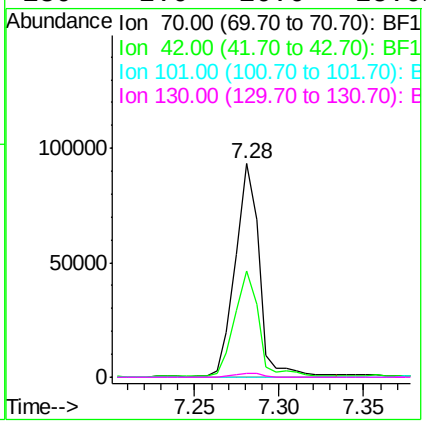


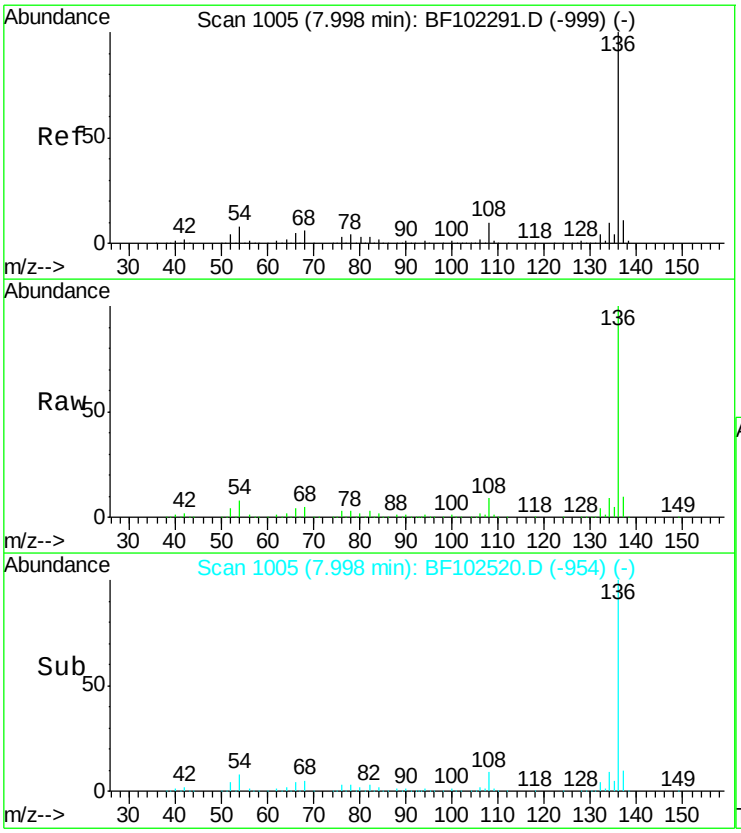
#19
n-Nitroso-di-n-propylamine
Concen: 12.989 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion: 70 Resp: 93280

Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#

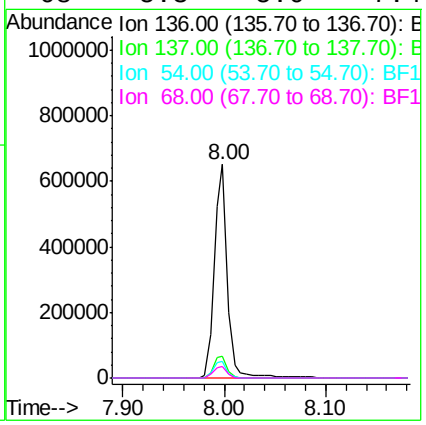


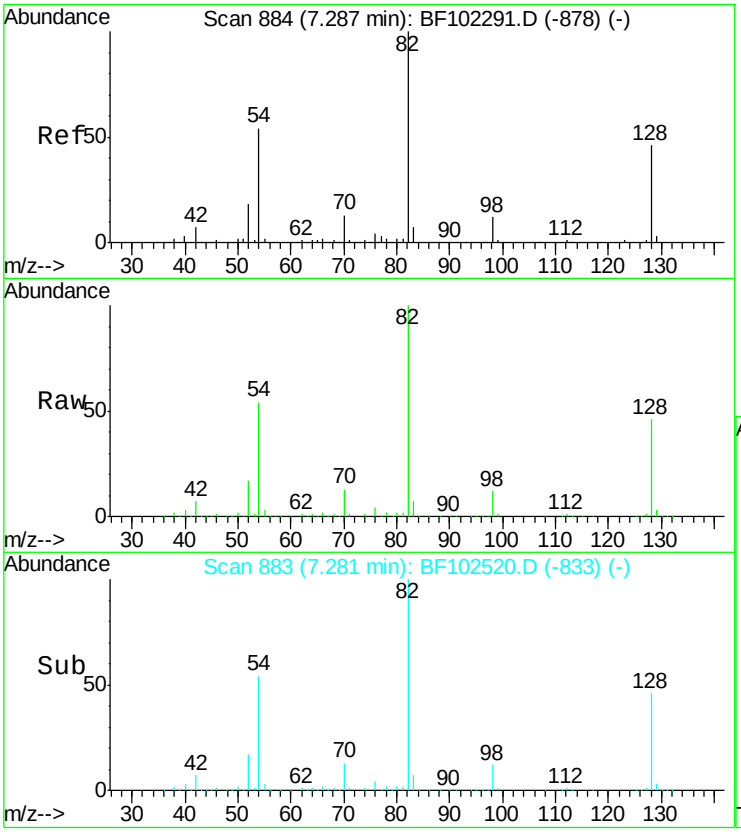


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:136 Resp: 581627

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.6	6.6	9.8
68	5.3	5.0	7.4



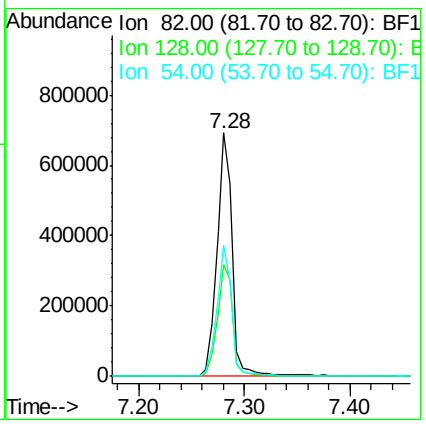


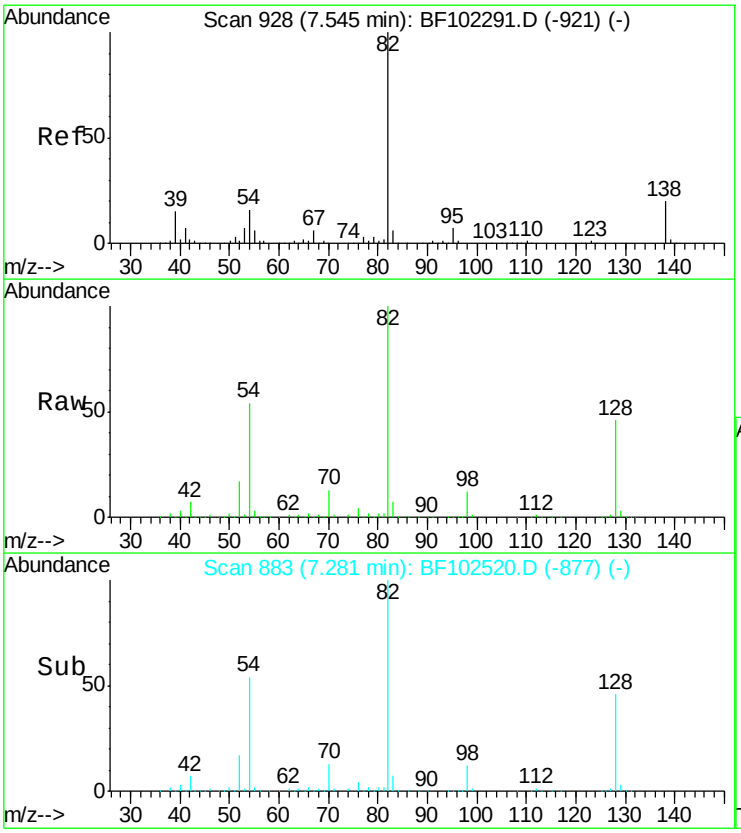
#23
Nitrobenzene-d5
Concen: 70.062 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion: 82 Resp: 709101

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	54.0	41.4	62.2

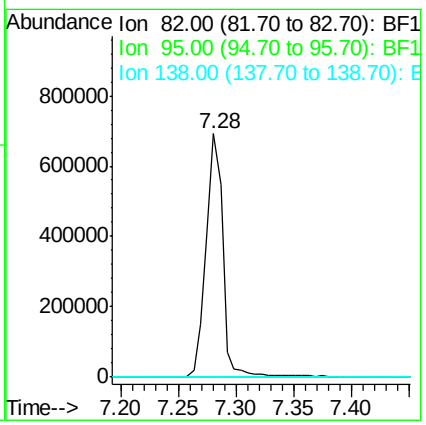


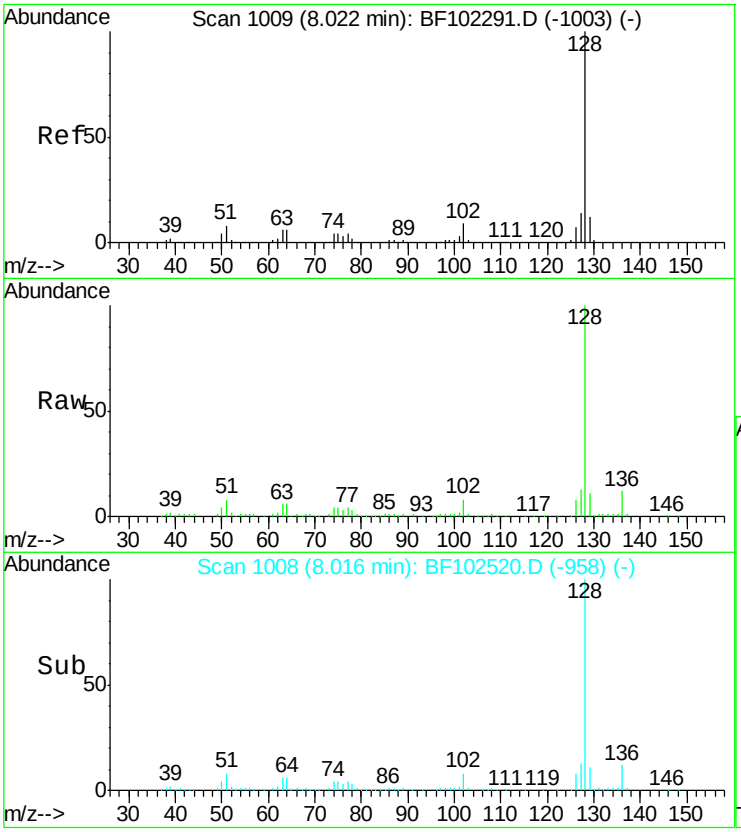


#25
Isophorone
Concen: 39.060 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion: 82 Resp: 704774

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#



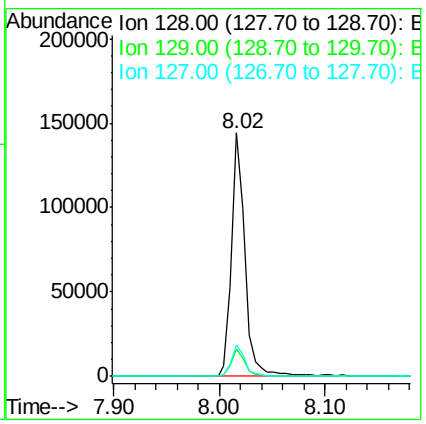


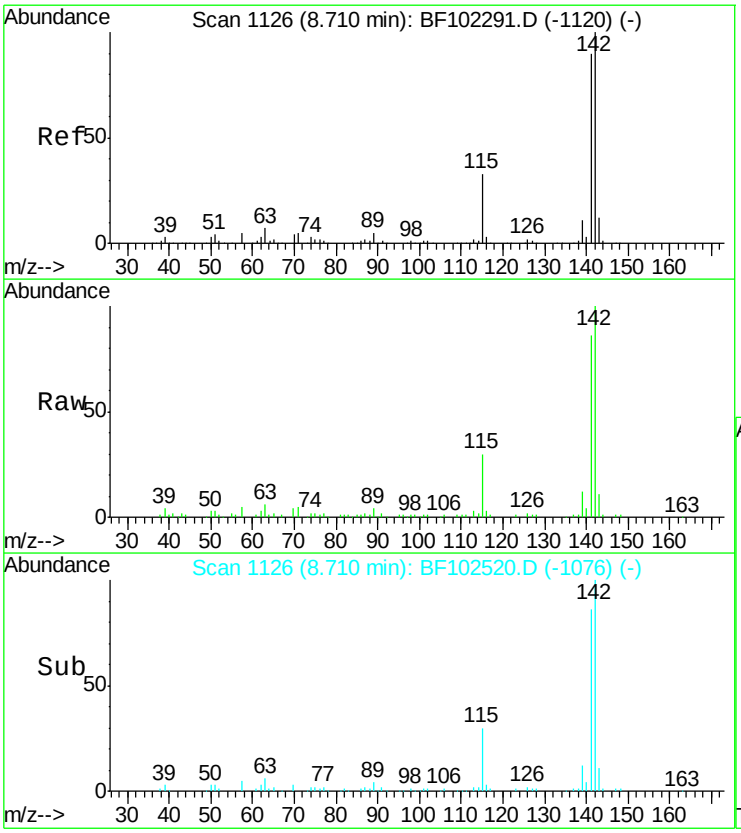
#31
Naphthalene
Concen: 4.340 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:128 Resp: 126034

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.9	16.3

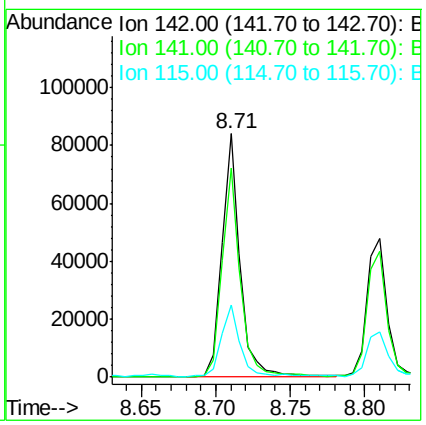


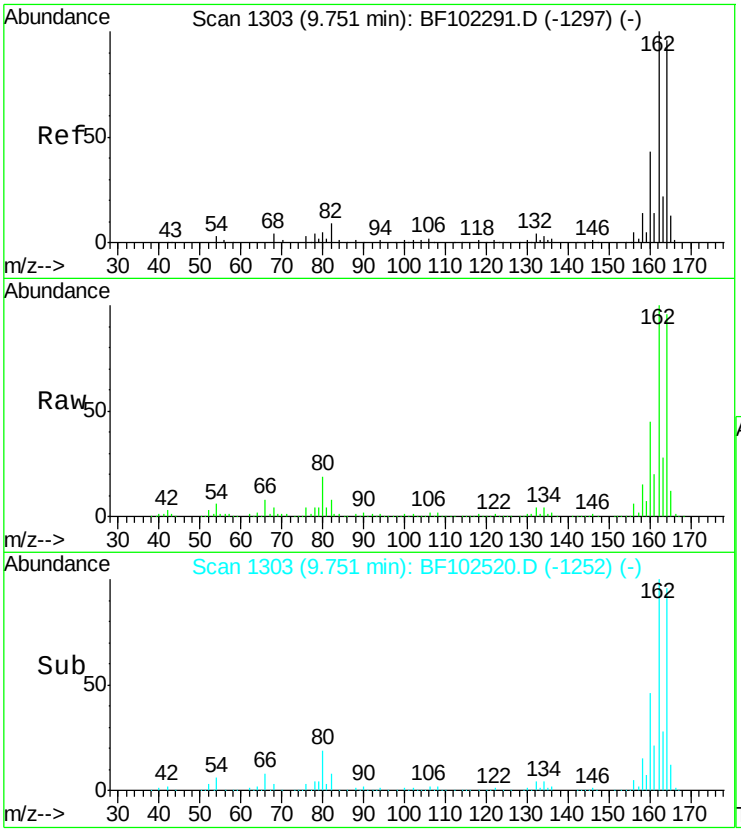


#37
2-Methylnaphthalene
Concen: 3.767 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:142 Resp: 72859

Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.8	106.2
115	29.6	26.1	39.1



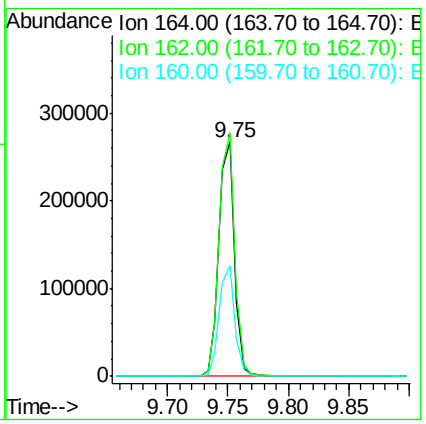


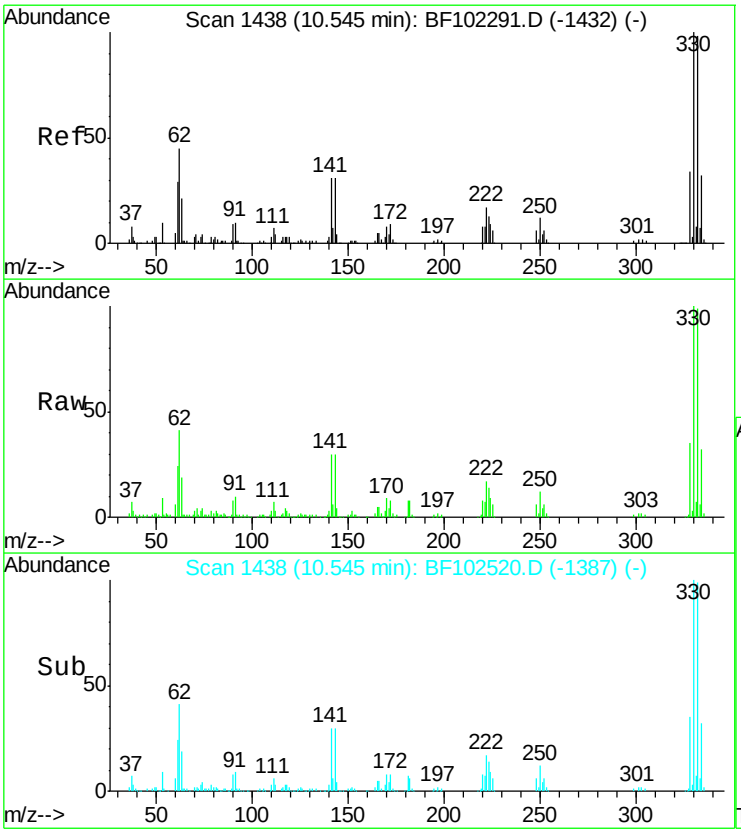
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:164 Resp: 238179

Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.2	38.3	57.5

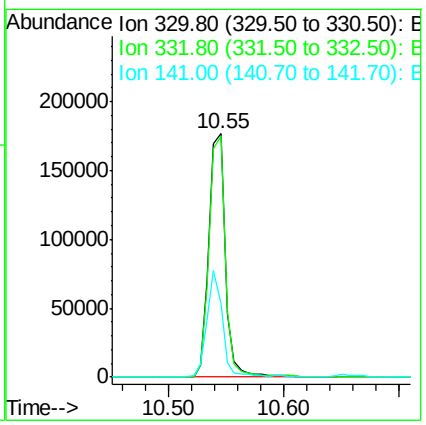


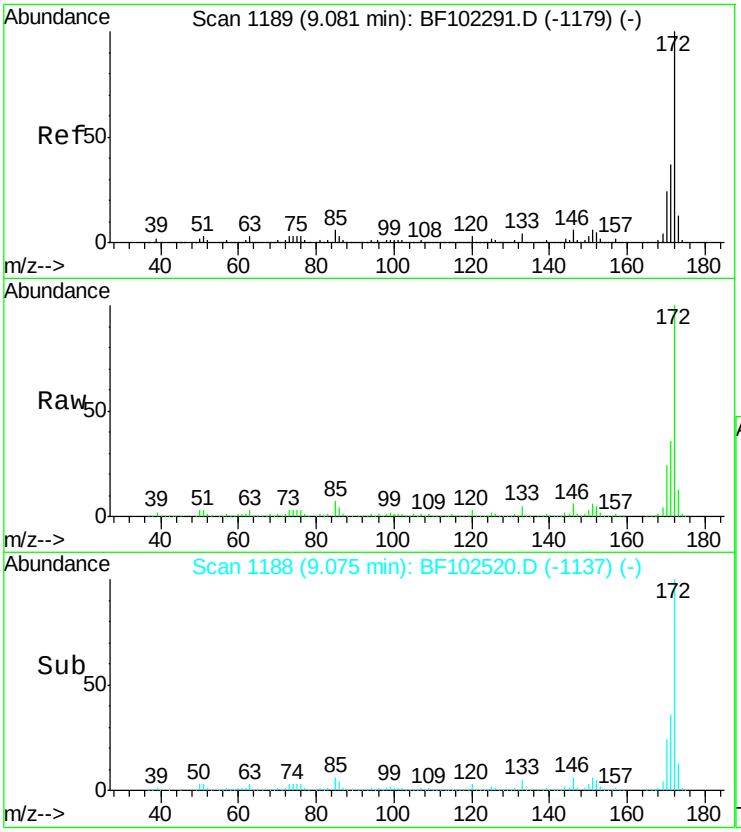


#41
2,4,6-Tribromophenol
Concen: 74.824 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:330 Resp: 176585

Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	40.0	29.9	44.9



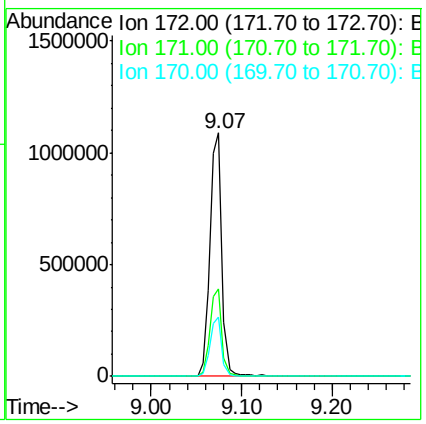


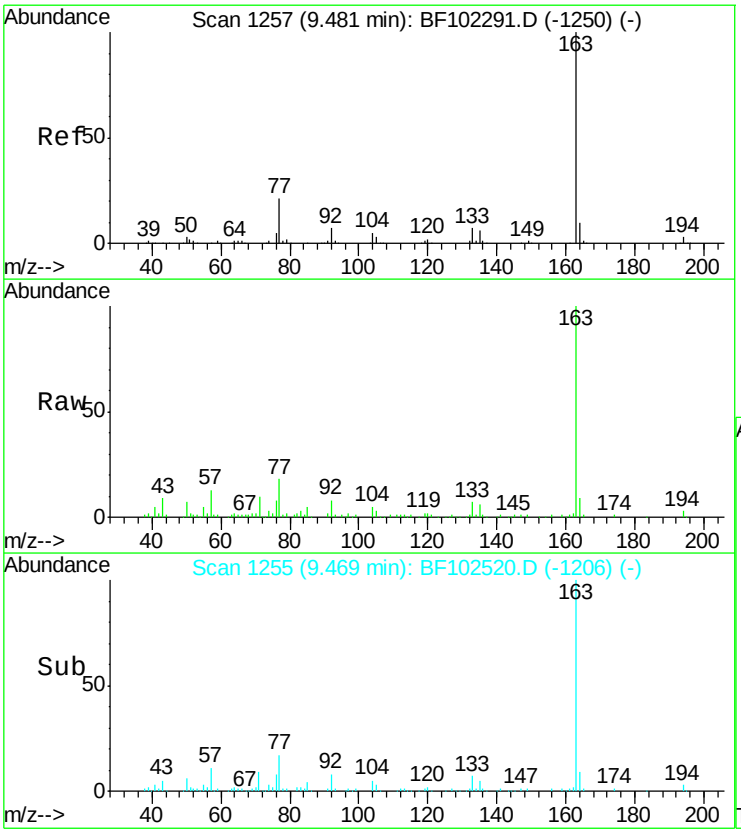
#44
2-Fluorobiphenyl
Concen: 62.821 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:172 Resp: 1017619

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.3	19.6	29.4

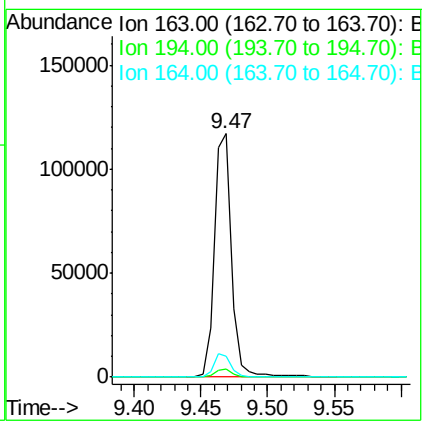


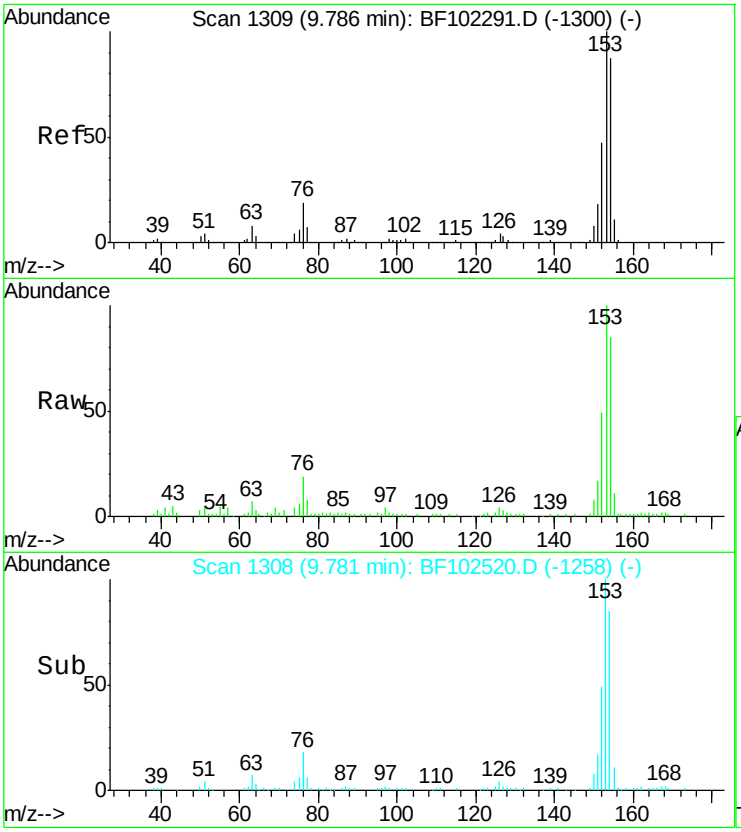


#49
Dimethylphthalate
Concen: 5.399 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:163 Resp: 106281

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	8.8	8.2	12.2



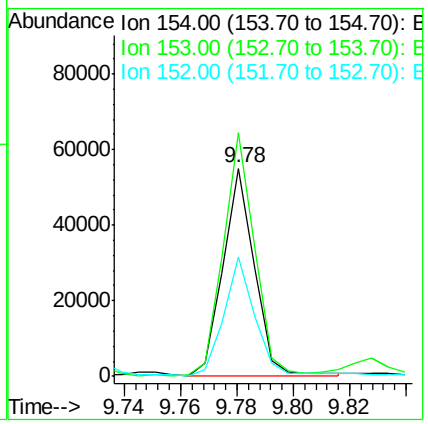


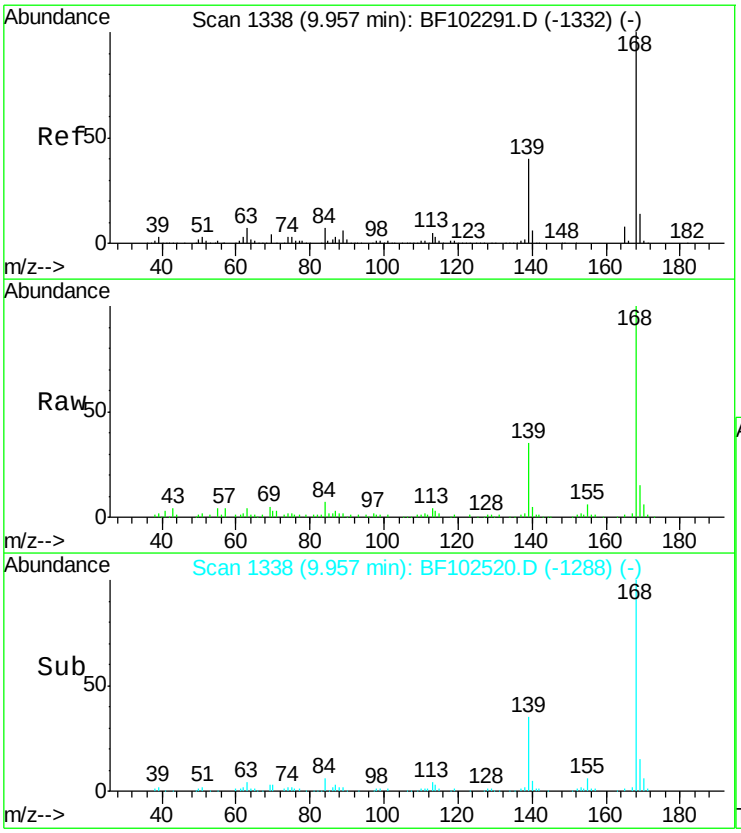
#51
Acenaphthene
Concen: 2.843 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:154 Resp: 42814

Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.2	136.8
152	57.3	43.8	65.8

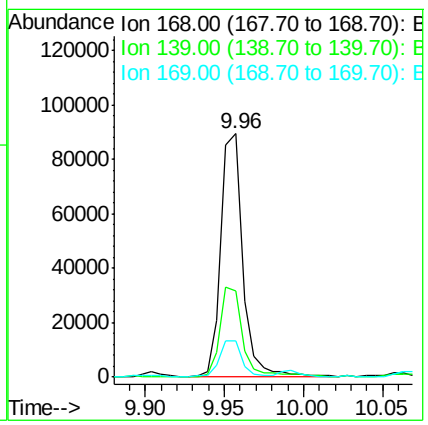


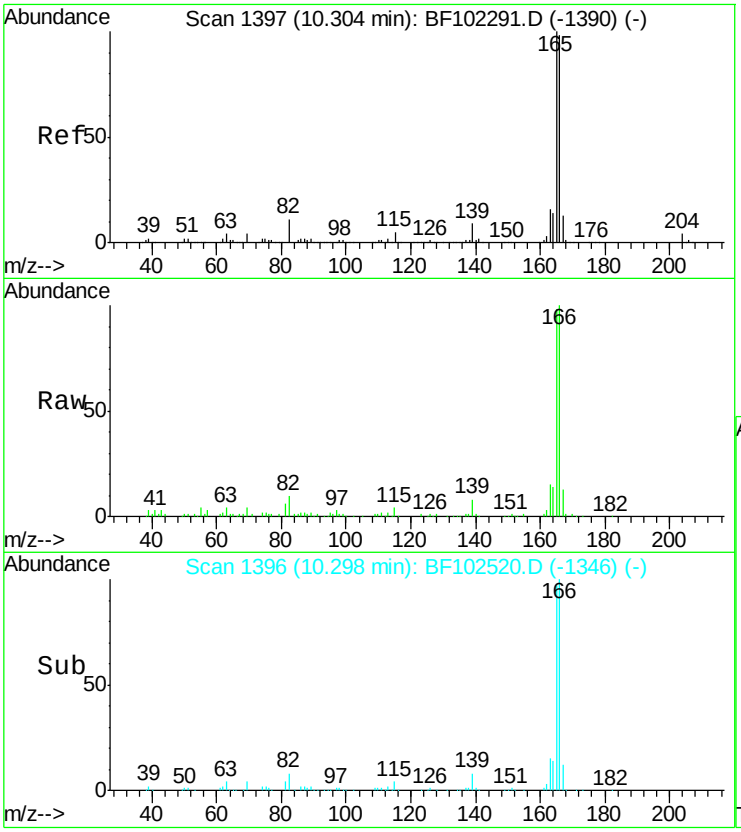


#54
Dibenzofuran
Concen: 4.238 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:168 Resp: 86389

Ion	Ratio	Lower	Upper
168	100		
139	35.4	30.1	45.1
169	14.9	10.9	16.3



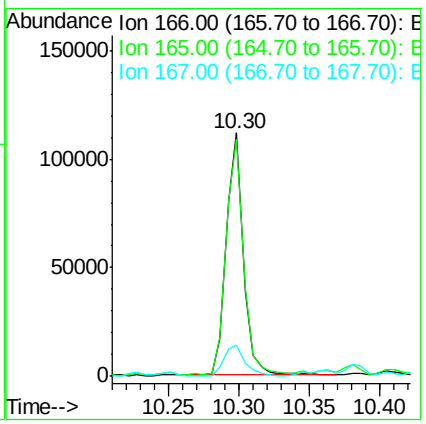


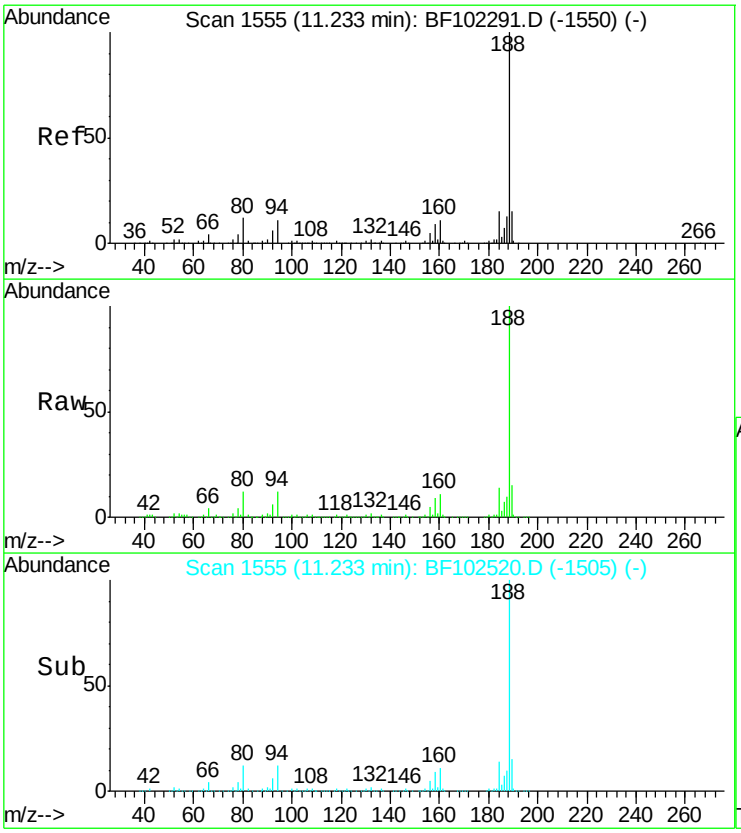
#57
Fluorene
Concen: 5.814 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:166 Resp: 93914

Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.8	119.8
167	12.9	10.6	16.0

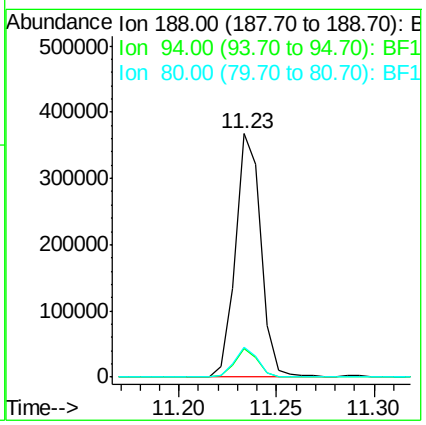


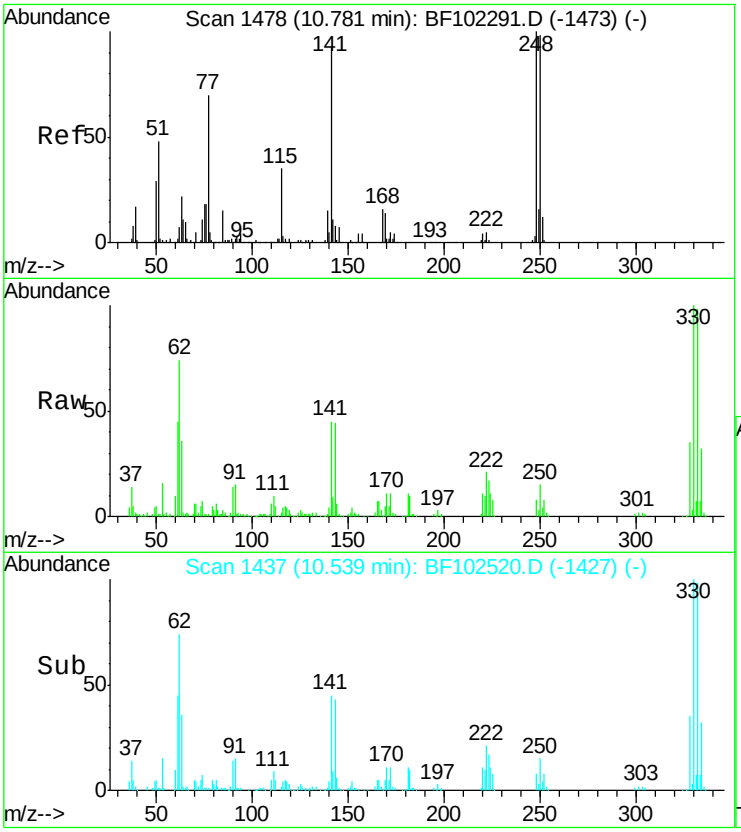


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:188 Resp: 330896

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.5	12.7
80	12.1	9.2	13.8



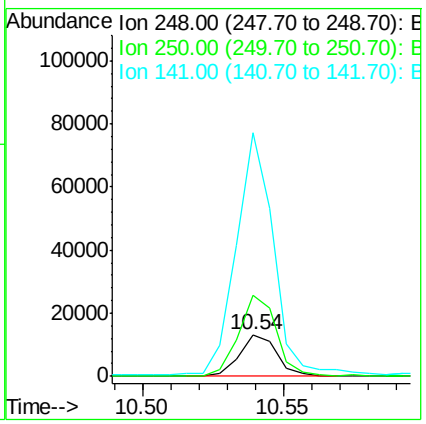


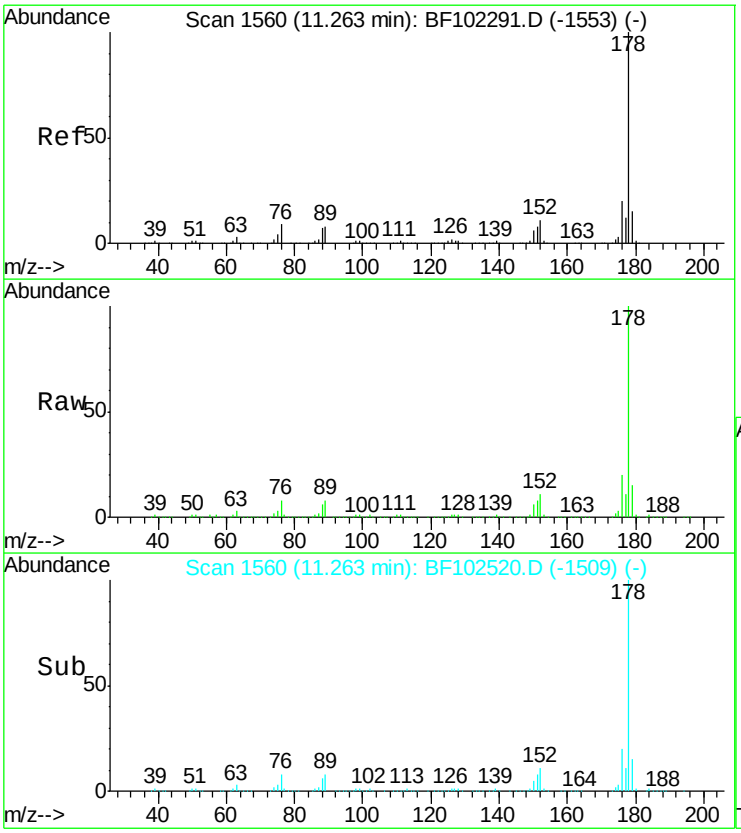
#66
4-Bromophenyl-phenylether
Concen: 3.435 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:248 Resp: 12236

Ion	Ratio	Lower	Upper
248	100		
250	195.4	76.9	115.3#
141	588.3	74.4	111.6#

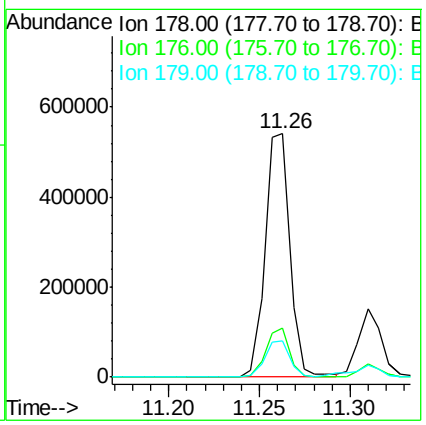


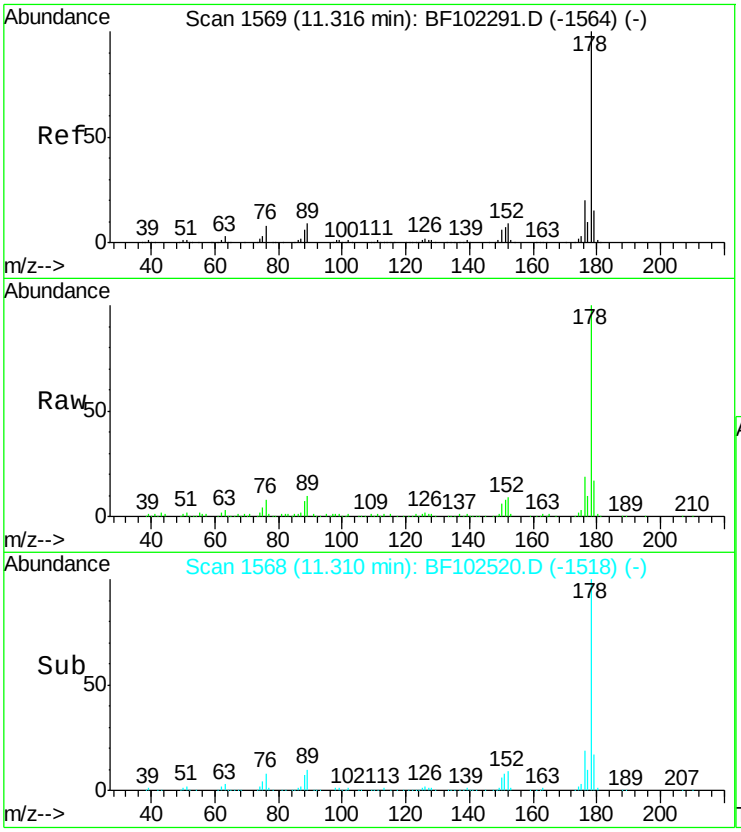


#70
Phenanthrene
Concen: 26.659 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:178 Resp: 514049

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.0	13.0	19.6



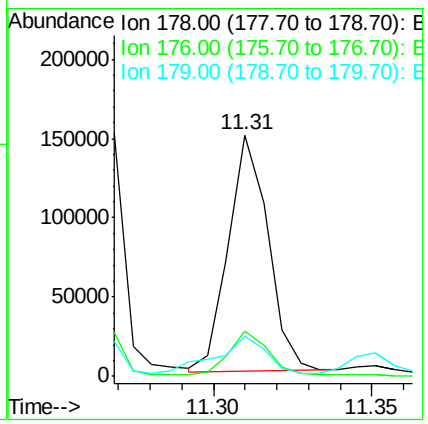


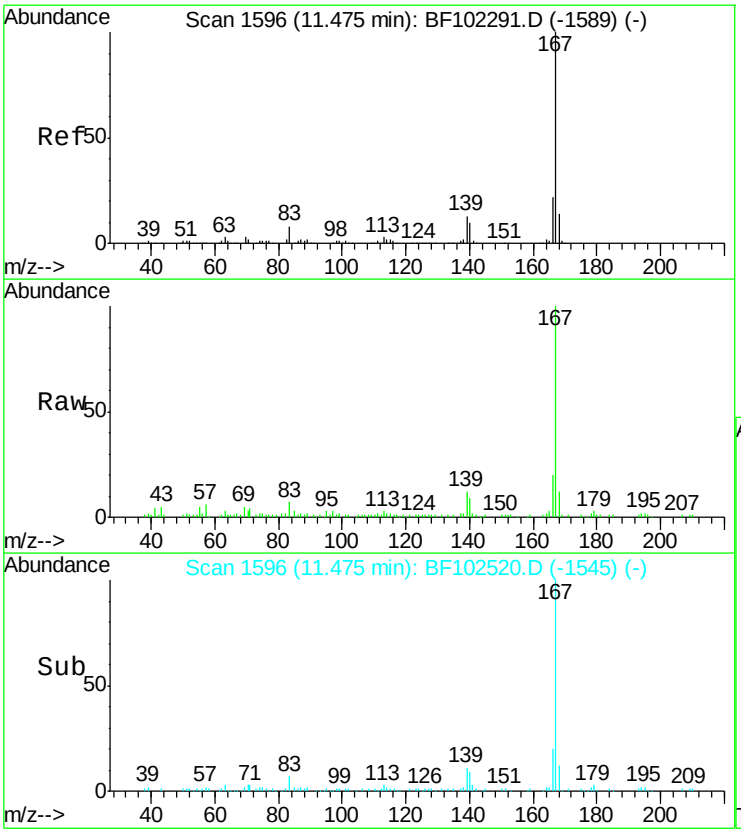
#71
Anthracene
Concen: 6.562 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:178 Resp: 129144

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.5	12.6	19.0

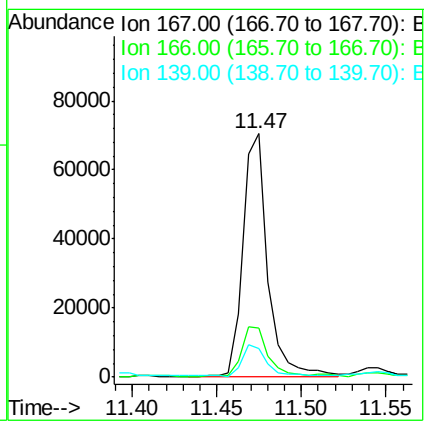


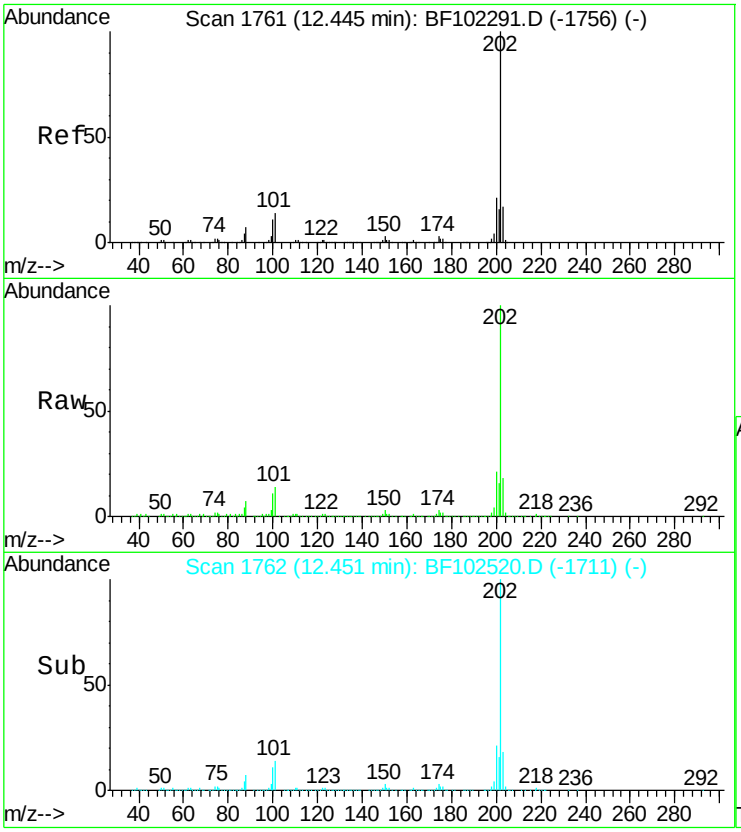


#72
Carbazole
Concen: 3.762 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:167 Resp: 72241

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.6	26.4
139	11.7	10.9	16.3



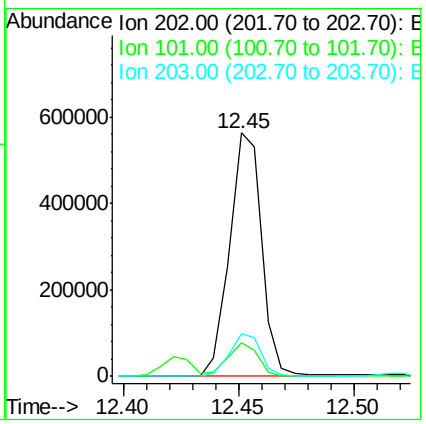


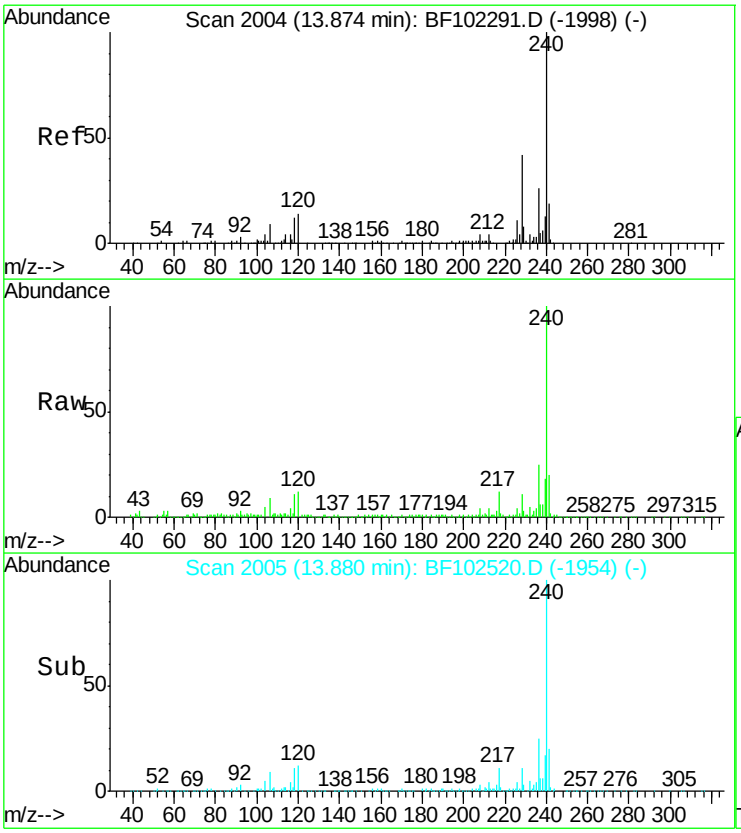
#74
Fluoranthene
Concen: 27.868 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:202 Resp: 547963

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.1
203	17.7	0.0	38.1

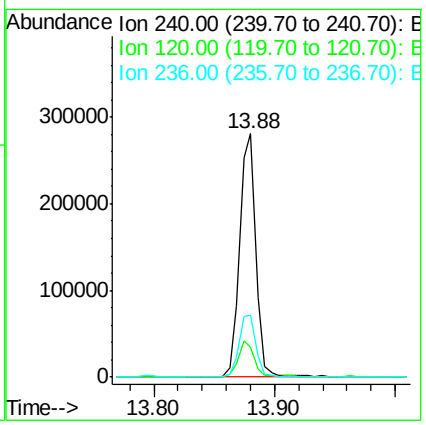


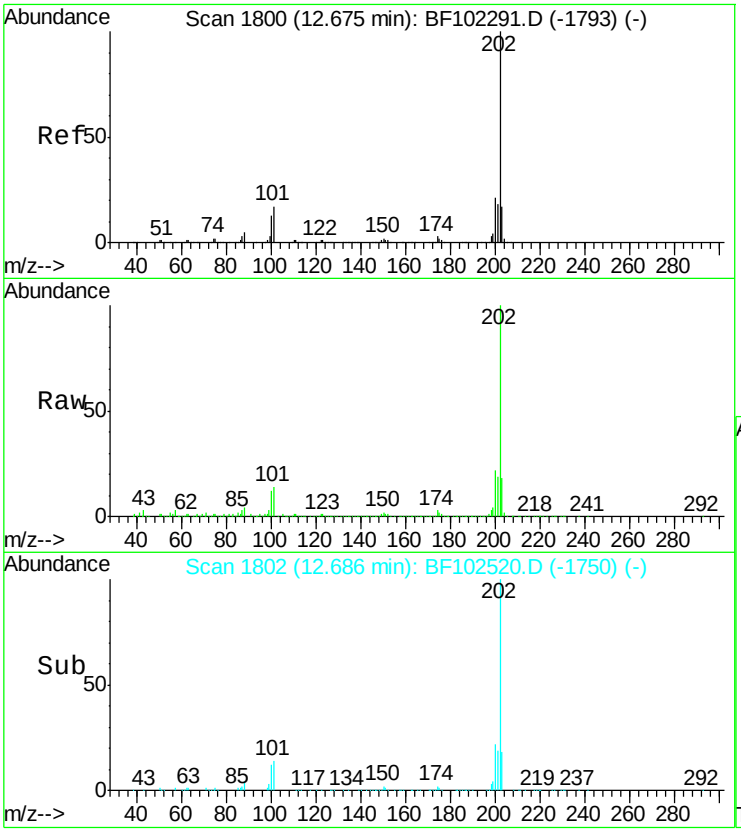


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:240 Resp: 263065

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.5	14.3
236	25.2	20.7	31.1



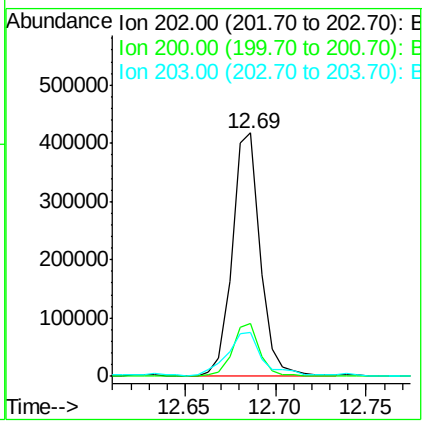


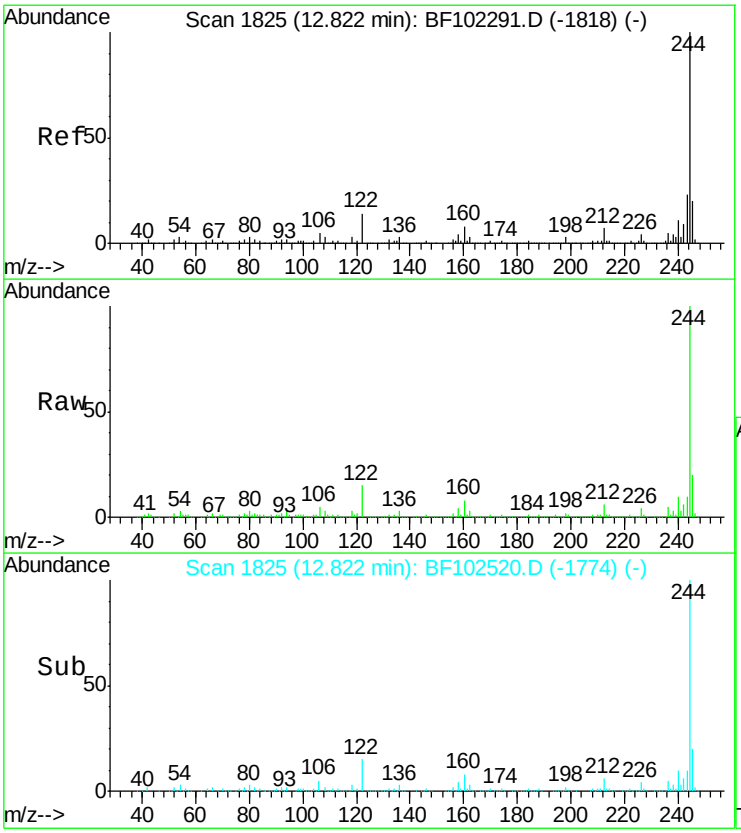
#77
Pyrene
Concen: 22.016 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:202 Resp: 447789

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.3	21.5

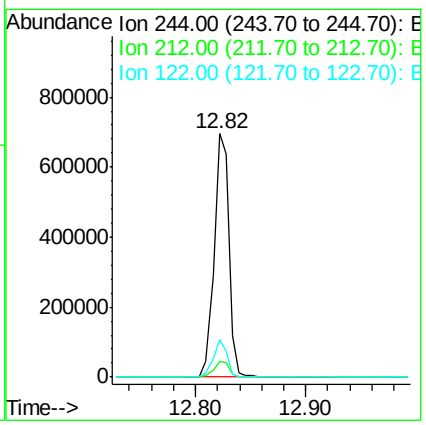


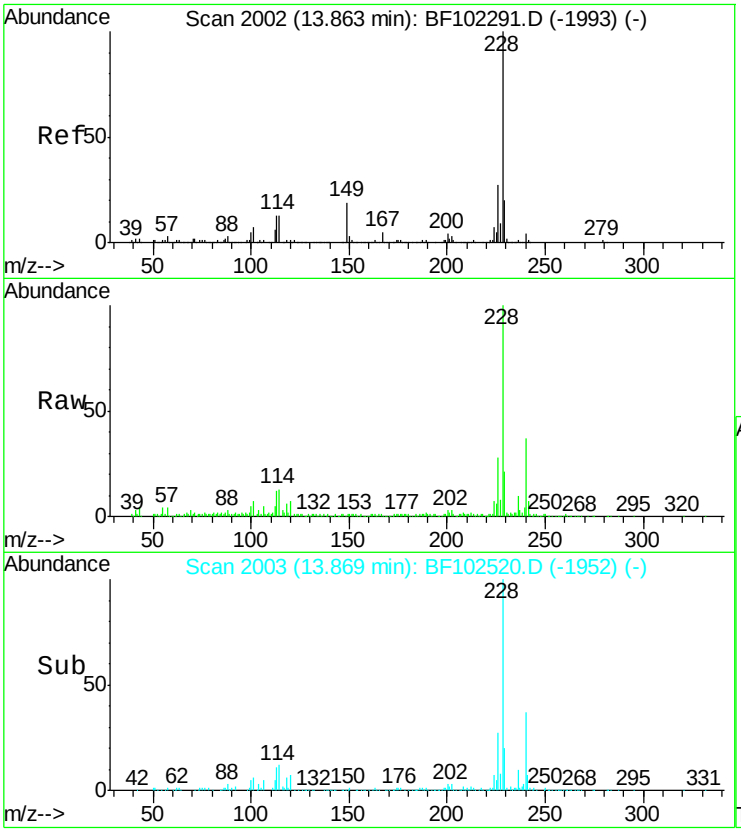


#78
Terphenyl-d14
Concen: 55.196 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:244 Resp: 644095

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	15.5	11.0	16.4



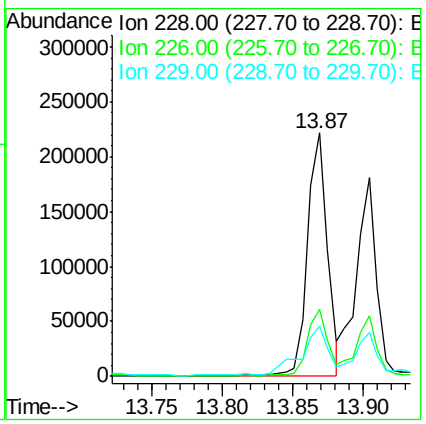


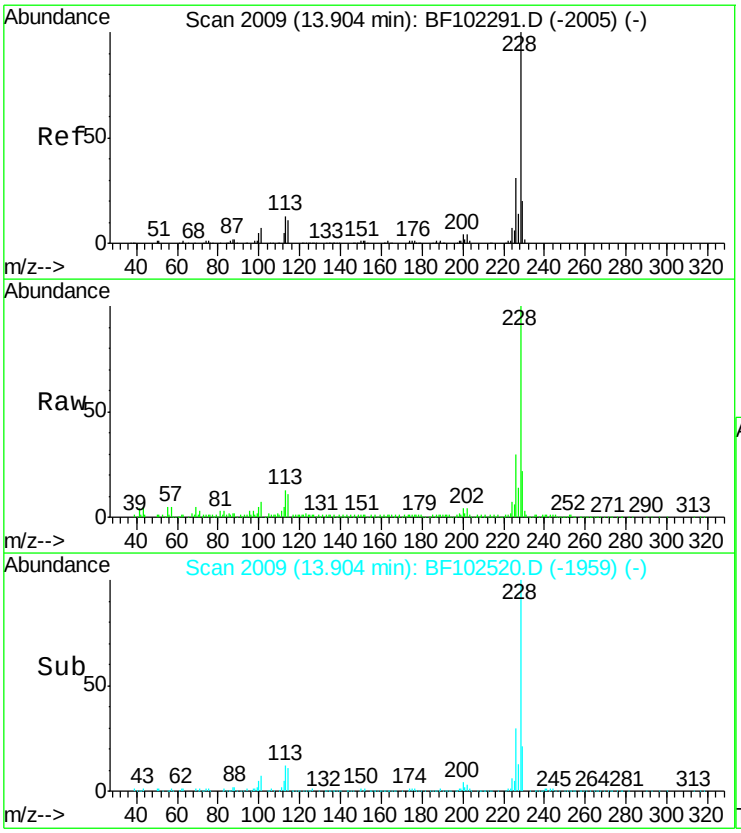
#80
Benzo(a)anthracene
Concen: 13.311 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:228 Resp: 215589

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.6	15.8	23.6

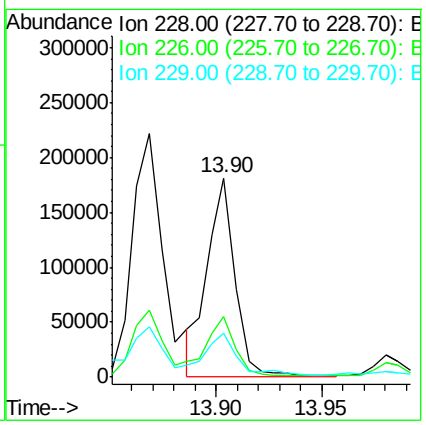


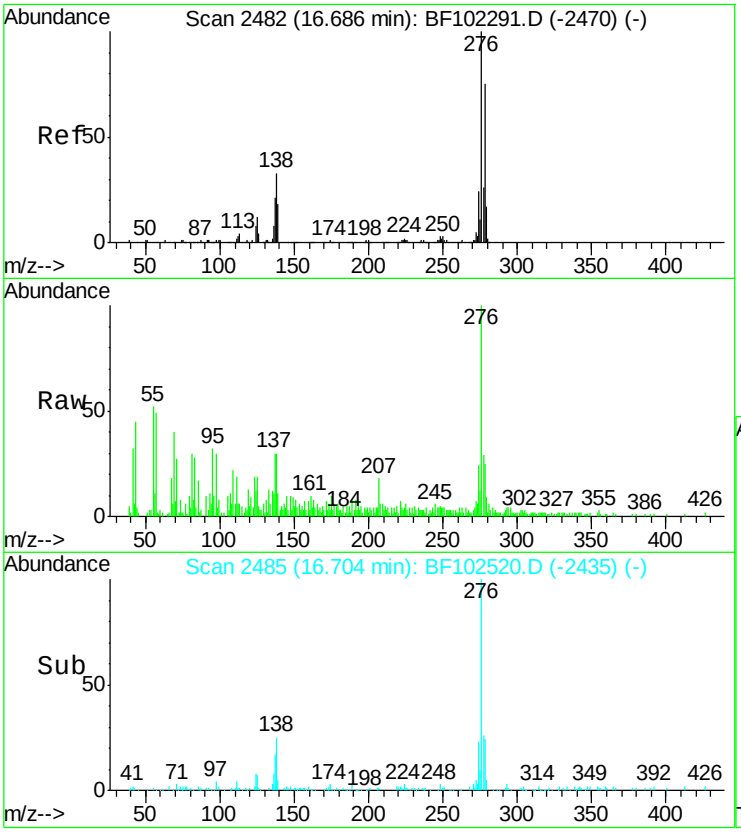


#82
Chrysene
Concen: 10.077 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:228 Resp: 165729

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	21.7	16.2	24.4



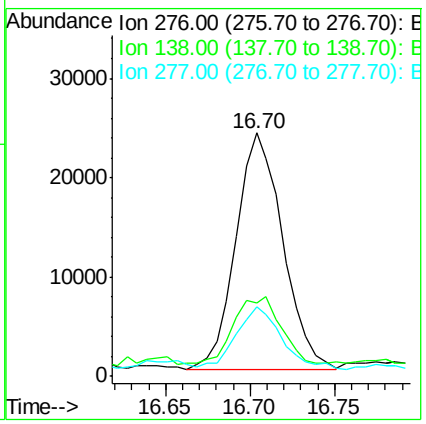


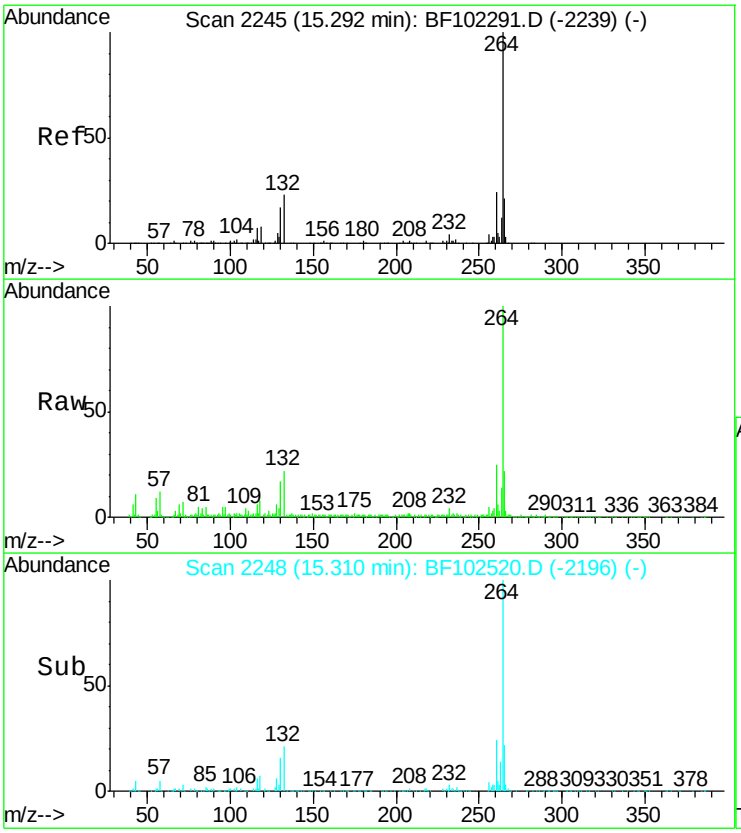
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.391 ng
RT: 16.70 min Scan# 2485
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:276 Resp: 46055

Ion	Ratio	Lower	Upper
276	100		
138	31.2	25.0	37.6
277	25.8	20.1	30.1

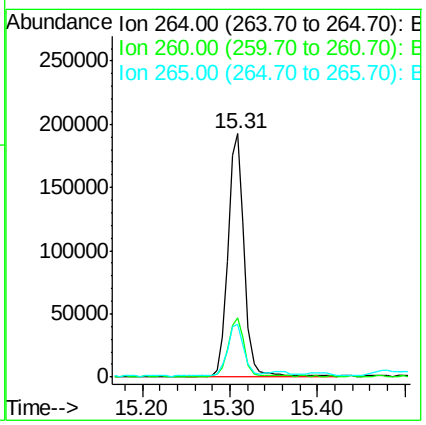


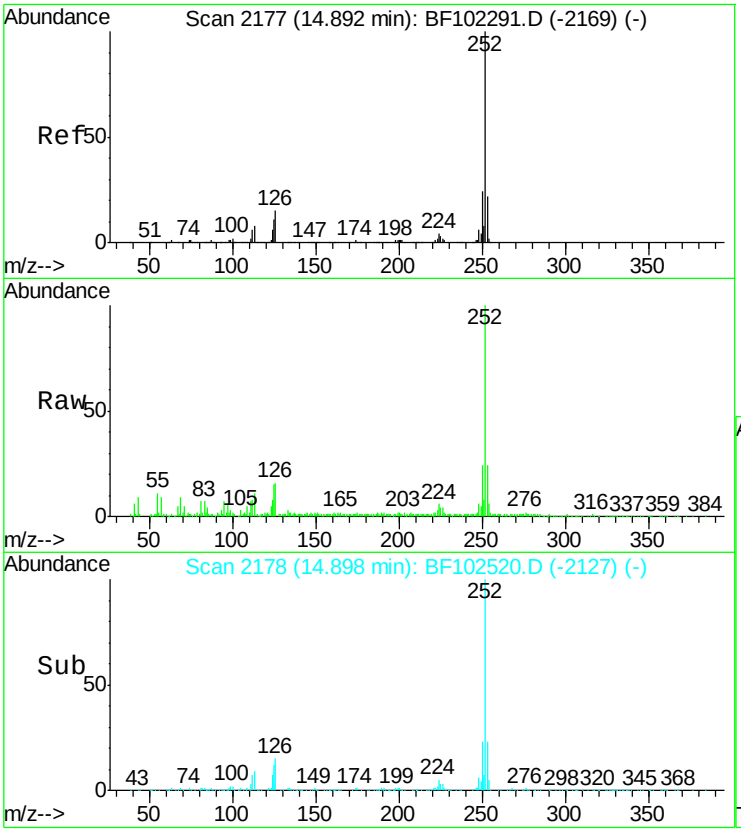


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:264 Resp: 242525

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.9	17.5	26.3



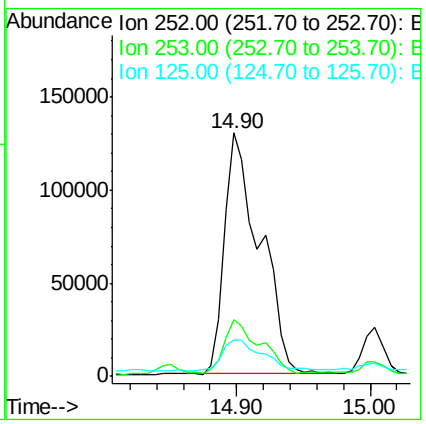


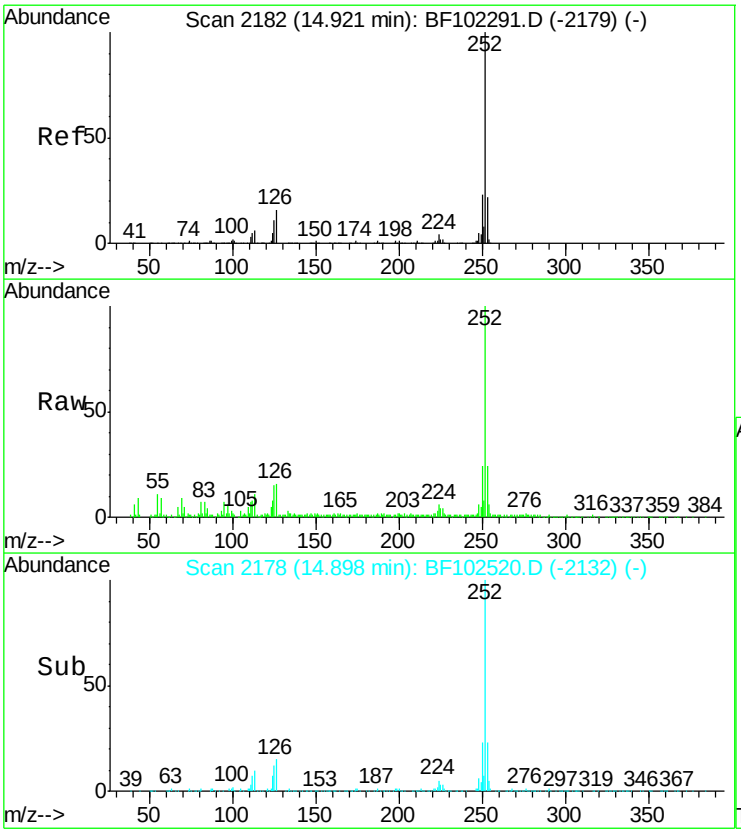
#87
Benzo(b)fluoranthene
Concen: 15.259 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:252 Resp: 239860

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	14.8	9.0	13.6#

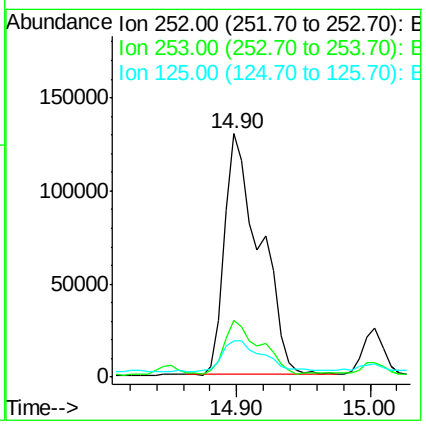


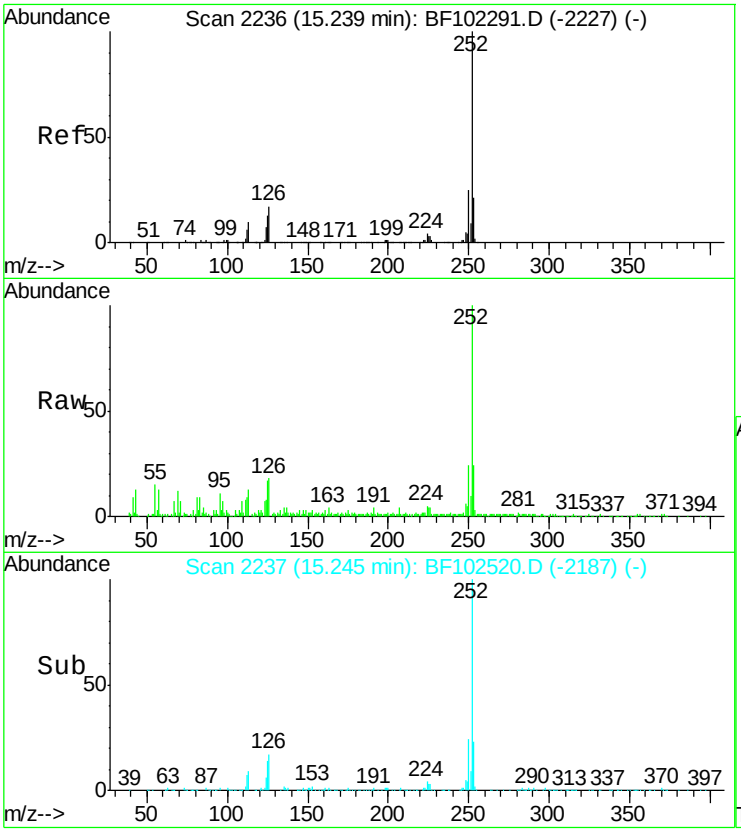


#88
Benzo(k)fluoranthene
Concen: 16.151 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.03 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:252 Resp: 239860

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.8	10.2	15.2



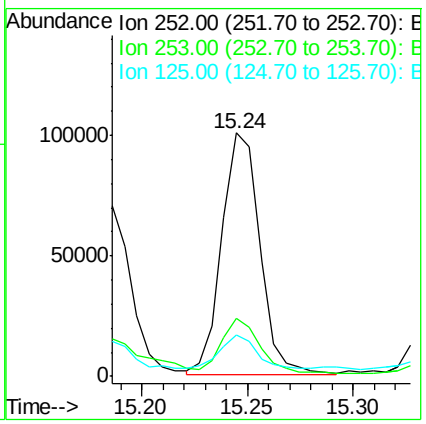


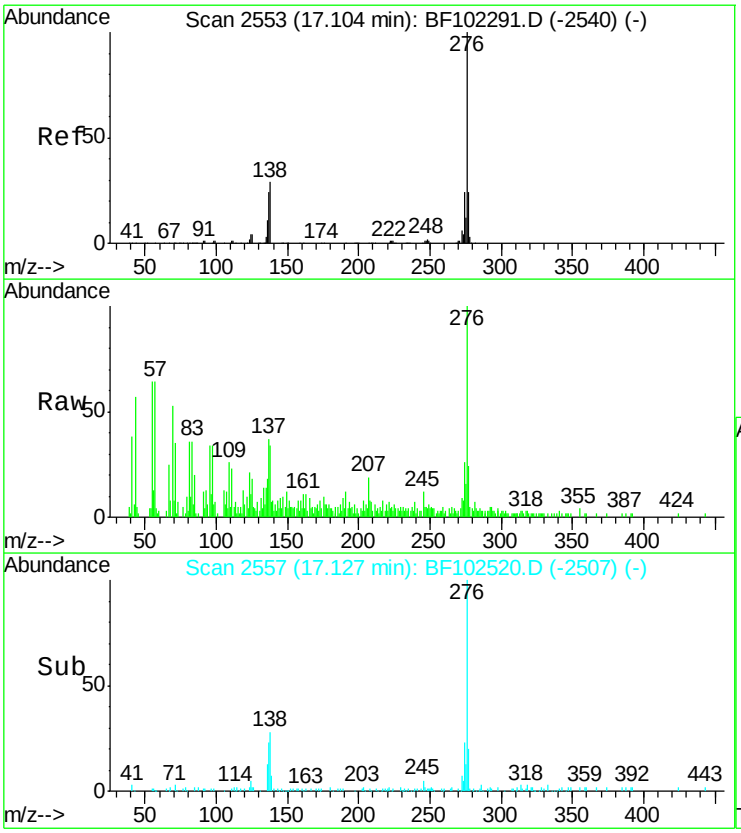
#89
Benzo(a)pyrene
Concen: 8.775 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Instrument :
BNA_F
ClientSampleId :
AU-05-012518-D

Tgt Ion:252 Resp: 124410

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	17.2	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 3.518 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF102520.D
Acq: 27 Jan 2018 19:48

Tgt Ion:276 Resp: 39891

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	34.0	21.8	32.8#