Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
Data File : BF101741.D
Acq On : 27 Dec 2017 3:47
Operator : SJ/JU
Sample : I6973-02 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Quant Time: Dec 27 05:04:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	131659	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	469134	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	175988	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	295104	20.00	ng		0.00
75) Chrysene-d12	13.97	240	289749	20.00	ng		0.00
86) Perylene-d12	15.44	264	252304	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	576168	65.19	ng		0.01
7) Phenol-d6	6.43	99	688377	62.58	ng		0.00
23) Nitrobenzene-d5	7.36	82	392158	46.53	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	108227	63.82	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	617746	54.45	ng		0.00
78) Terphenyl-d14	12.90	244	477365	39.72	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.45	94	27497	2.193	ng	#	56
19) n-Nitroso-di-n-propylamine	7.36	70	51380	7.112	ng	#	85
25) Isophorone	7.36	82	392158	23.196	ng	#	64
31) Naphthalene	8.09	128	70420	2.982	ng		98
32) Benzoic acid	7.93	122	538	8.059	ng	#	1
49) Dimethylphthalate	9.55	163	31087	2.196	ng	#	98
50) 2,6-Dinitrotoluene	9.83	165	24010	8.345	ng	#	26
51) Acenaphthene	9.86	154	33330	2.941	ng		97
54) Dibenzofuran	10.04	168	40862	2.837	ng		99
55) 4-Nitrophenol	10.04	139	15048	9.621	ng	#	13
57) Fluorene	10.38	166	44865	3.683	ng		98
70) Phenanthrene	11.35	178	395222	24.082	ng		98
71) Anthracene	11.40	178	106490	6.352	ng		98
72) Carbazole	11.56	167	41048	2.615	ng		98
74) Fluoranthene	12.54	202	403907	23.448	ng		98
77) Pyrene	12.77	202	367292	16.890	ng		99
80) Benzo(a)anthracene	13.96	228	202584	10.588	ng		97
82) Chrysene	14.00	228	181974	10.073	ng		98
87) Benzo(b)fluoranthene	15.02	252	248173	16.138	ng	#	96
88) Benzo(k)fluoranthene	15.02	252	248173	16.598	ng		99
89) Benzo(a)pyrene	15.38	252	134023	9.454	ng	#	95
91) Benzo(g,h,i)perylene	17.38	276	60032	4.981	ng		96

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

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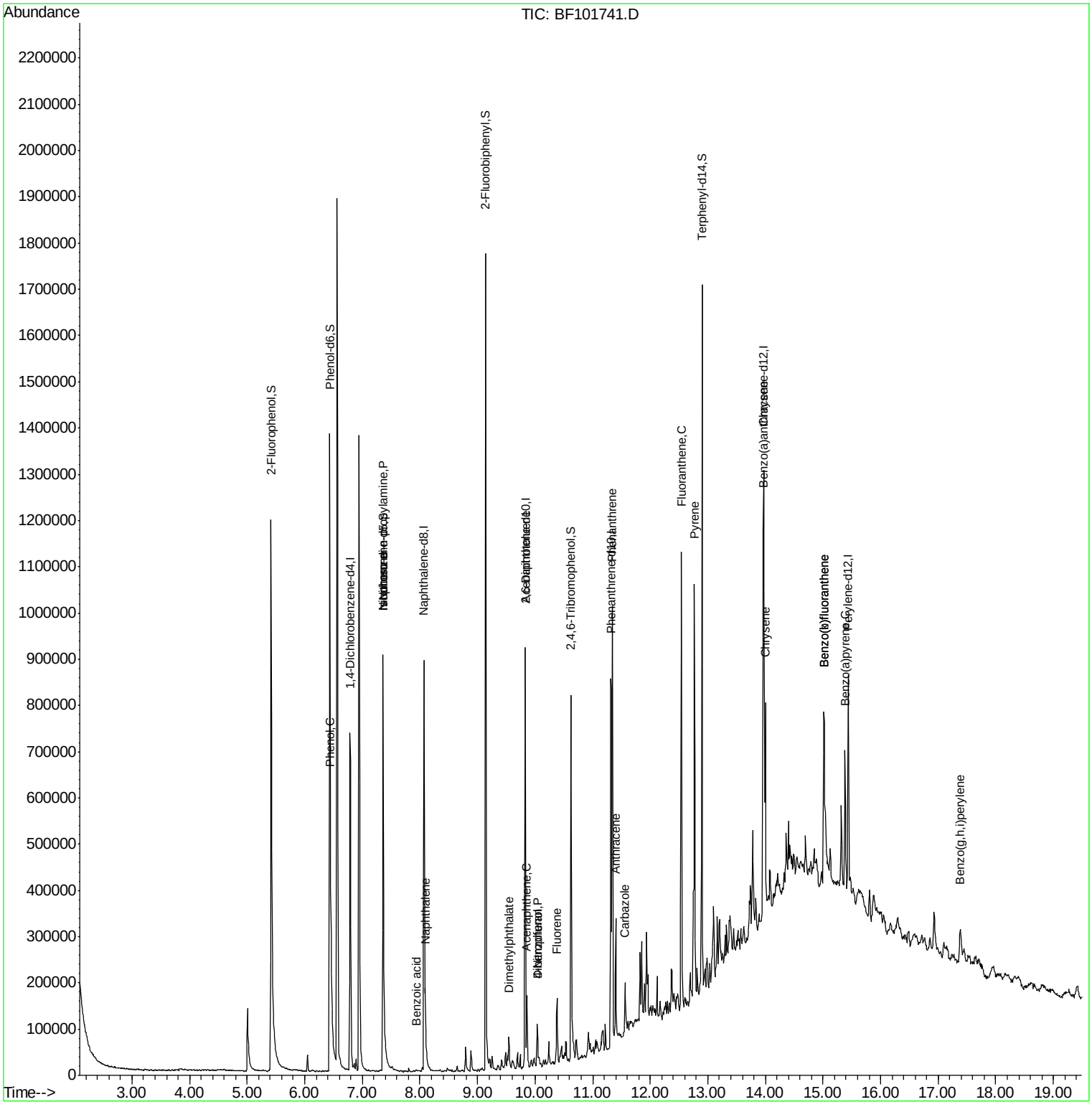
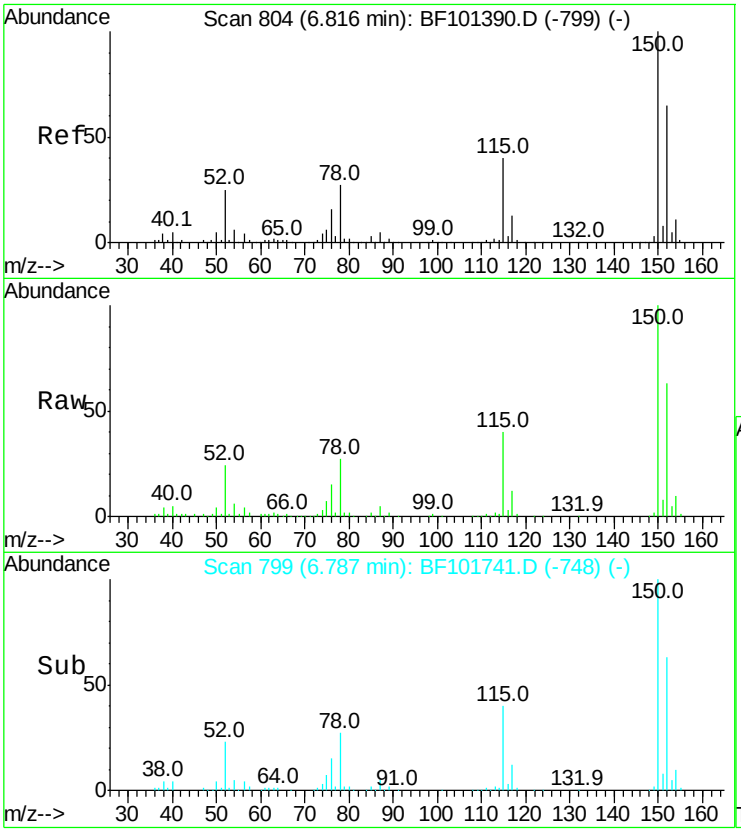


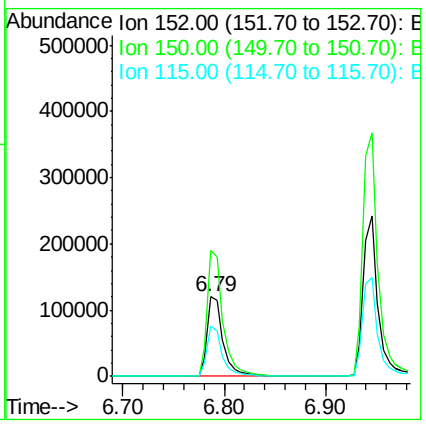


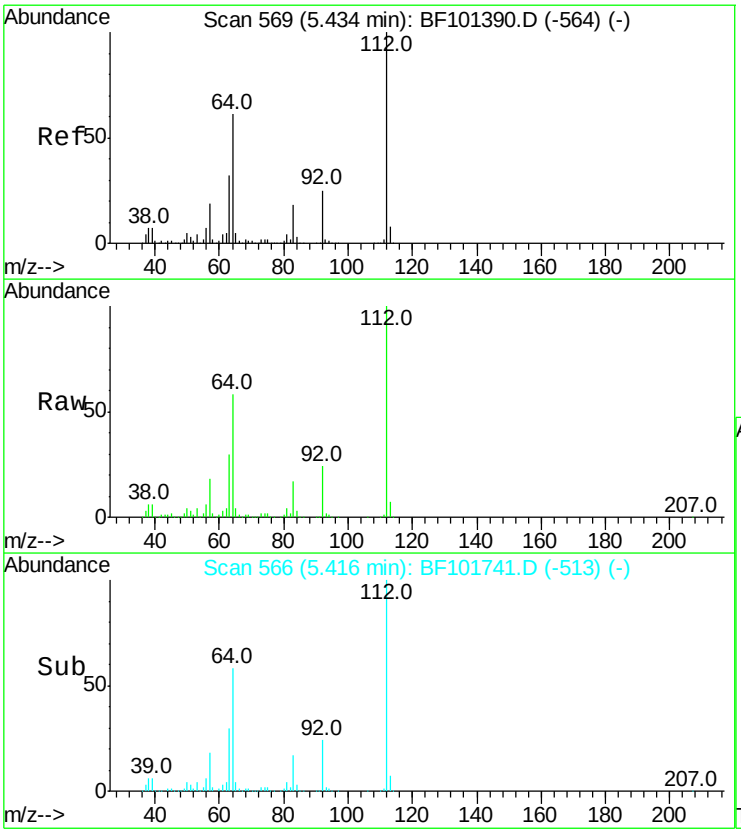
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:152 Resp: 131659

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	63.5	50.1	75.1

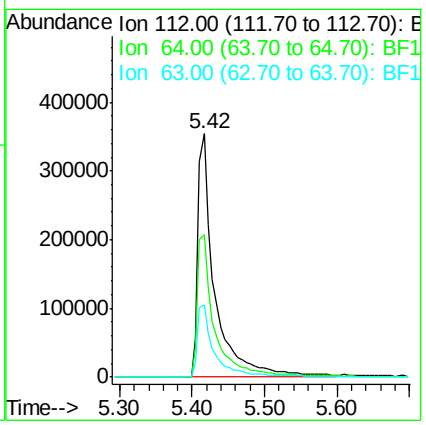


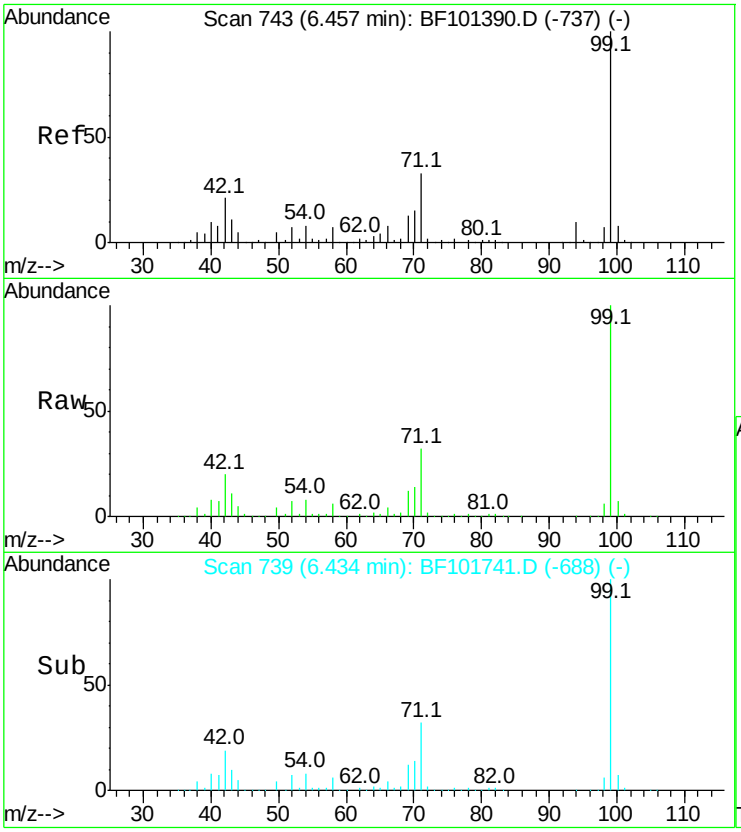


#5
2-Fluorophenol
Concen: 65.187 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:112 Resp: 576168

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.9	71.9
63	29.7	23.7	35.5



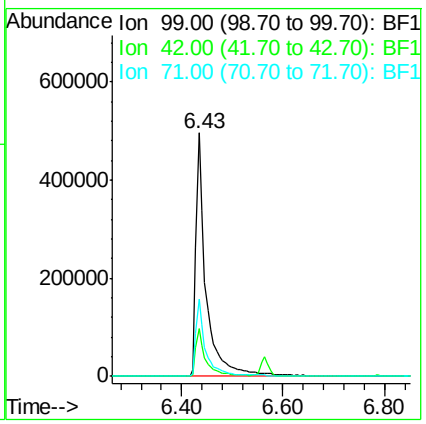


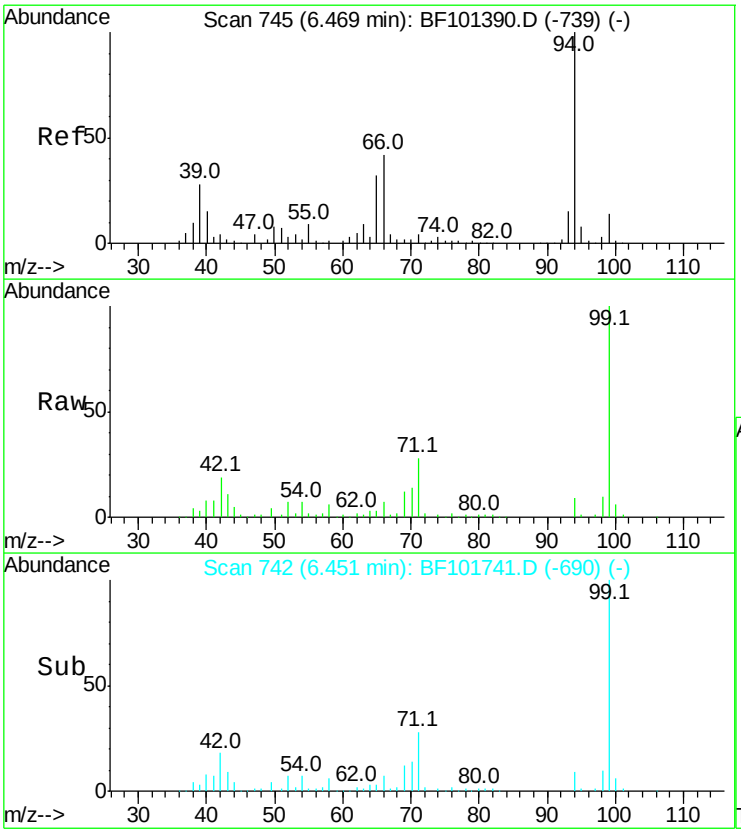
#7
Phenol-d6
Concen: 62.579 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion: 99 Resp: 688377

Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.5	21.7
71	31.5	25.4	38.0

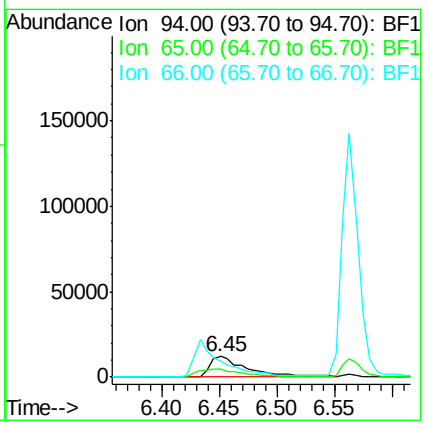


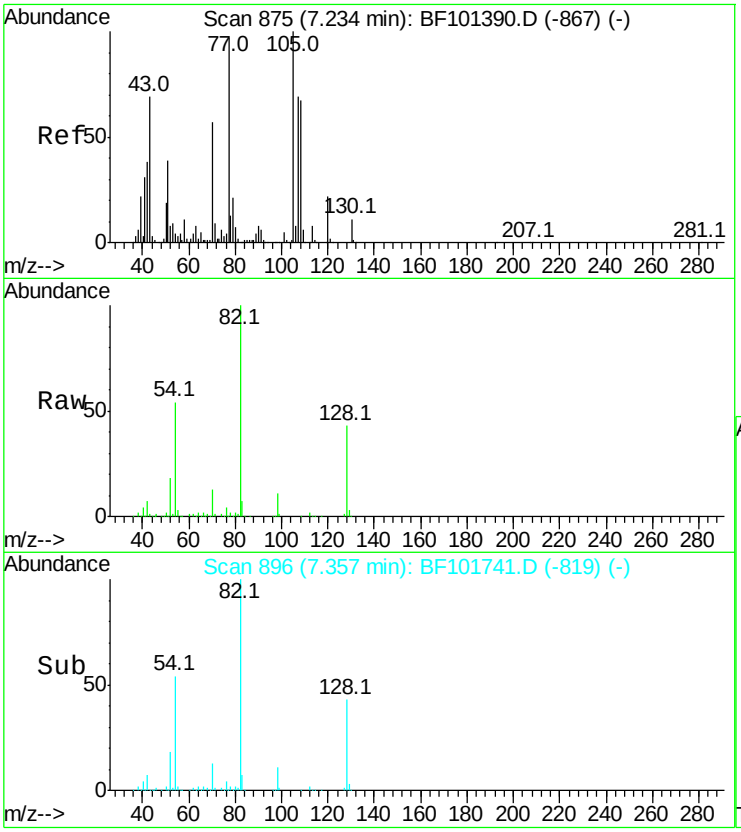


#10
Phenol
Concen: 2.193 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion: 94 Resp: 27497

Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.9	47.9
66	74.3	16.2	56.2#



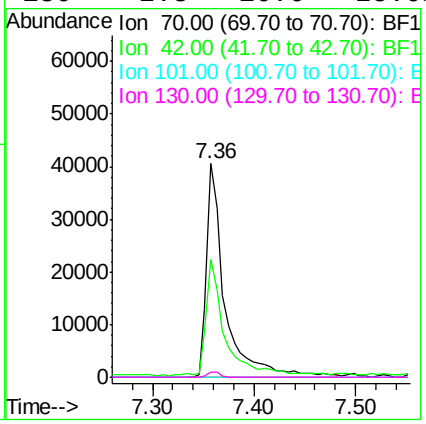


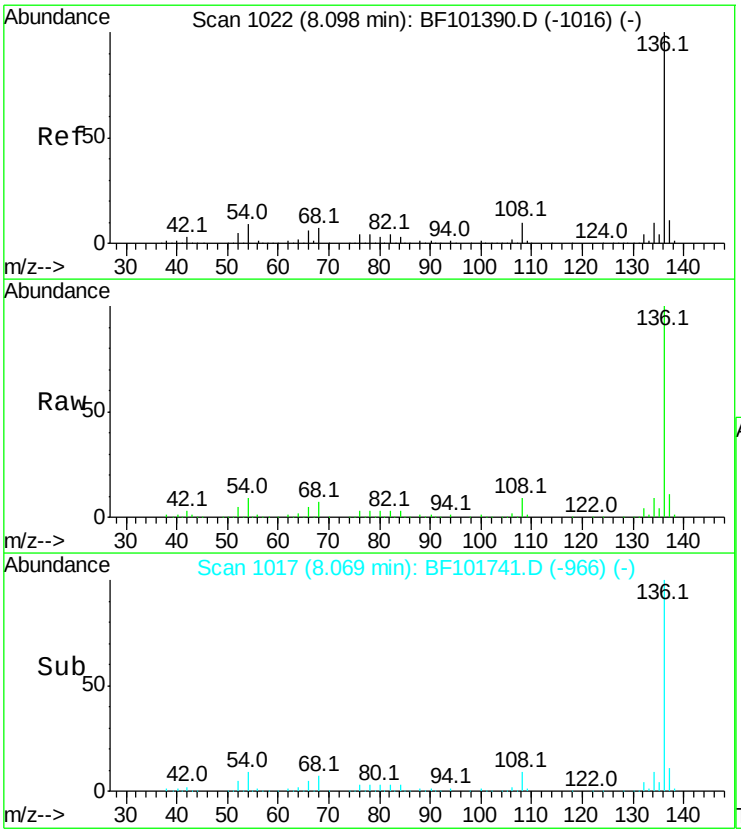
#19
n-Nitroso-di-n-propylamine
Concen: 7.112 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.15 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion: 70 Resp: 51380

Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#

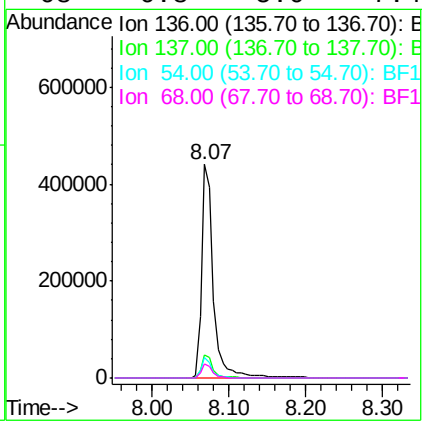


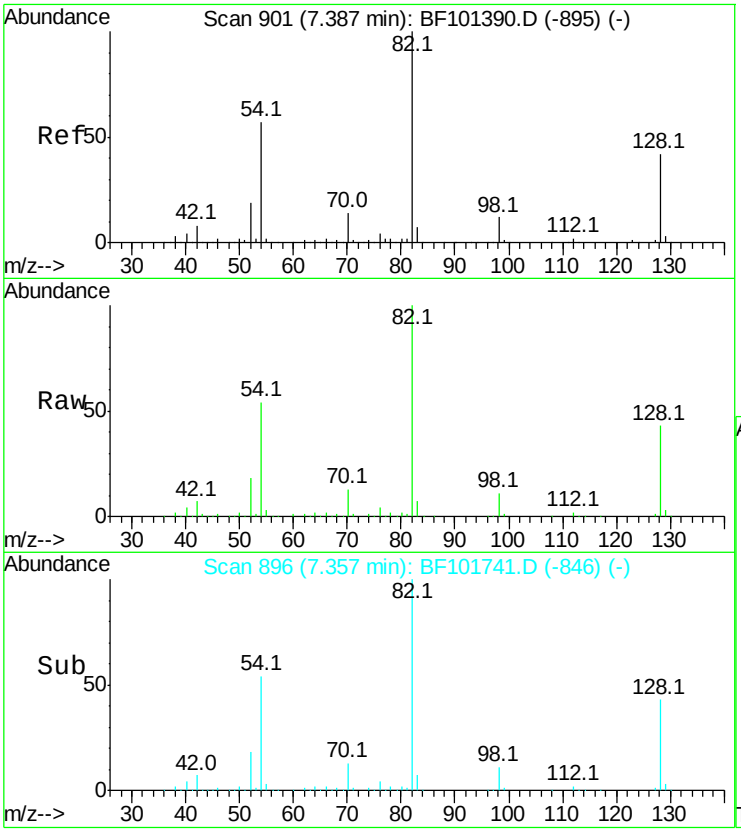


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:136 Resp: 469134

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	9.3	6.6	9.8
68	6.8	5.0	7.4



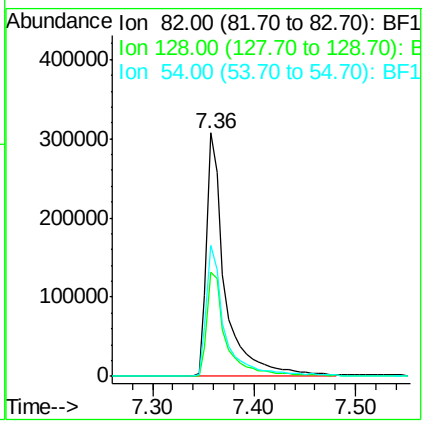


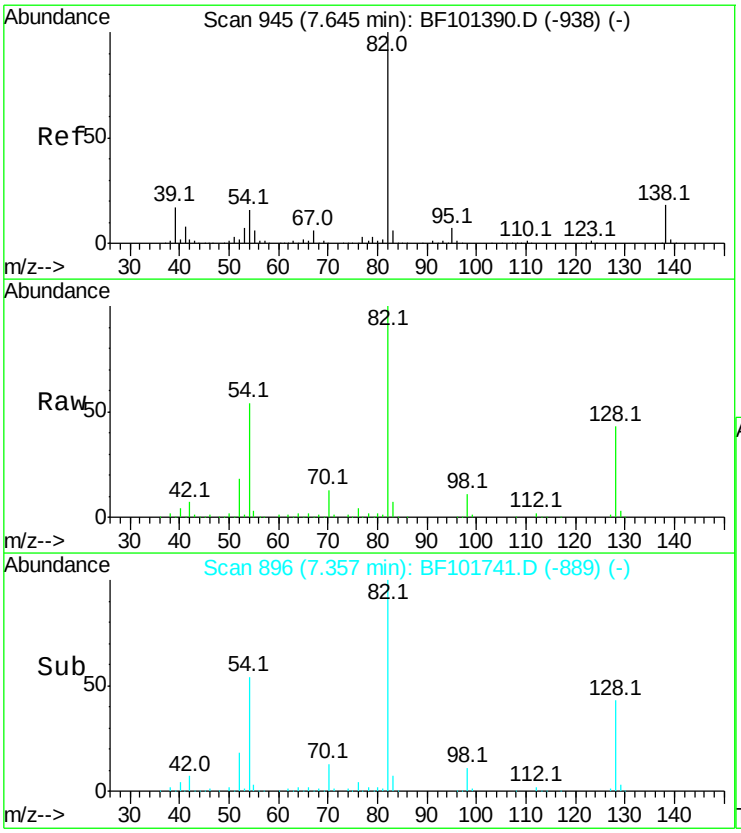
#23
Nitrobenzene-d5
Concen: 46.532 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion: 82 Resp: 392158

Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	53.9	41.4	62.2

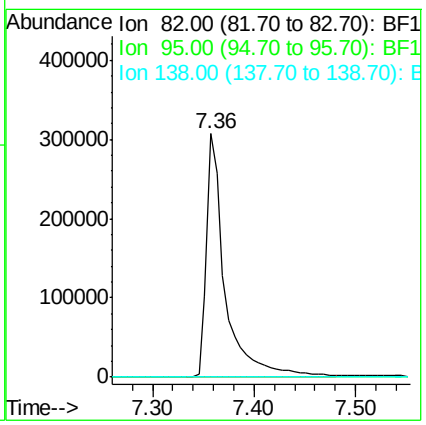


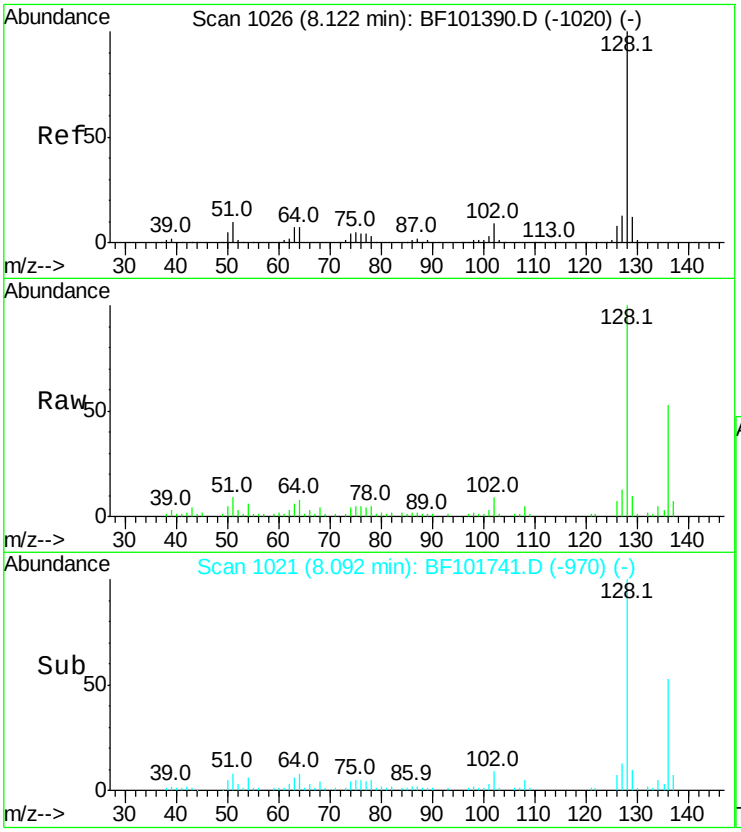


#25
Isophorone
Concen: 23.196 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion: 82 Resp: 392158

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



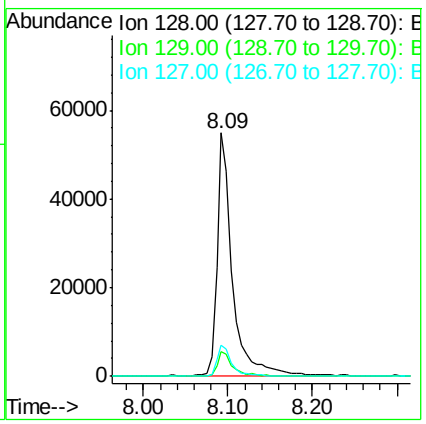


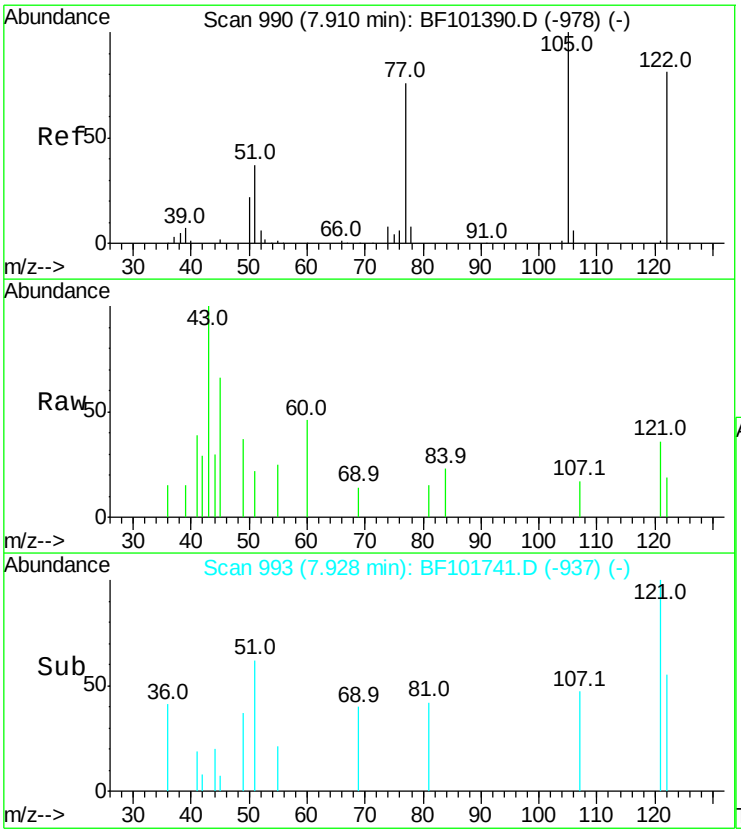
#31
Naphthalene
Concen: 2.982 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:128 Resp: 70420

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.0	10.9	16.3

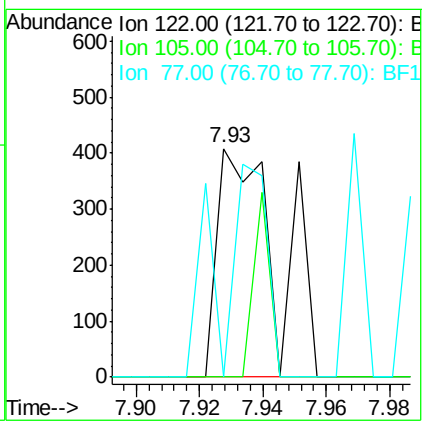


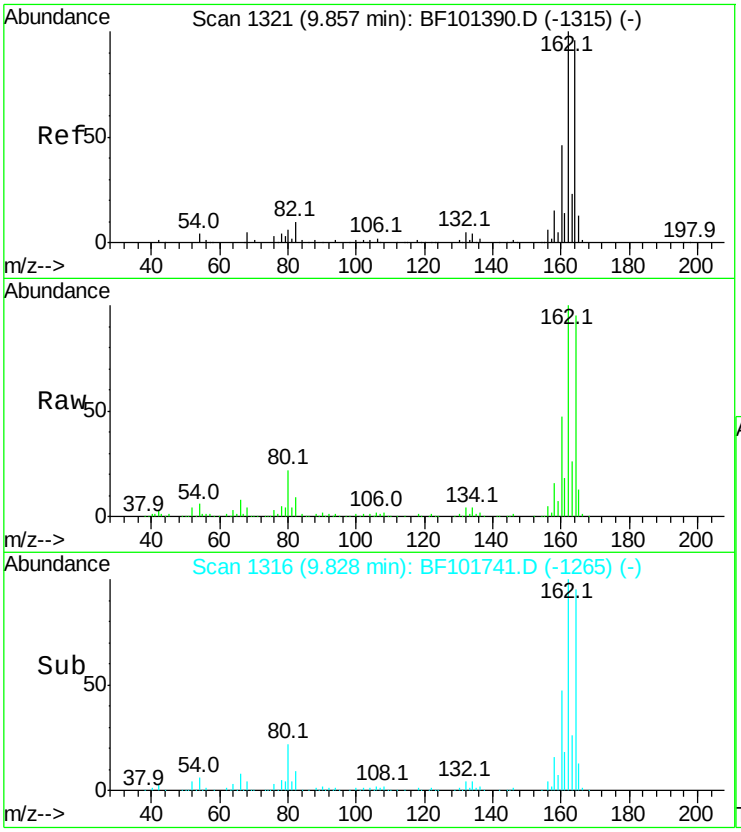


#32
Benzoic acid
Concen: 8.059 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.03 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:122 Resp: 538

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



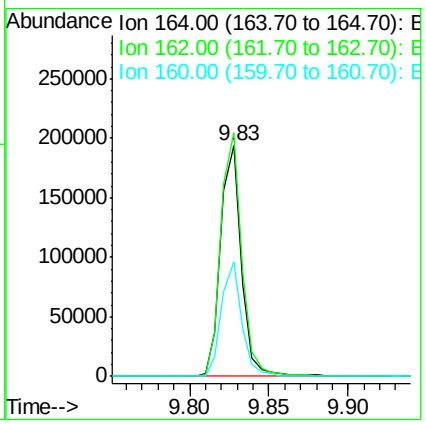


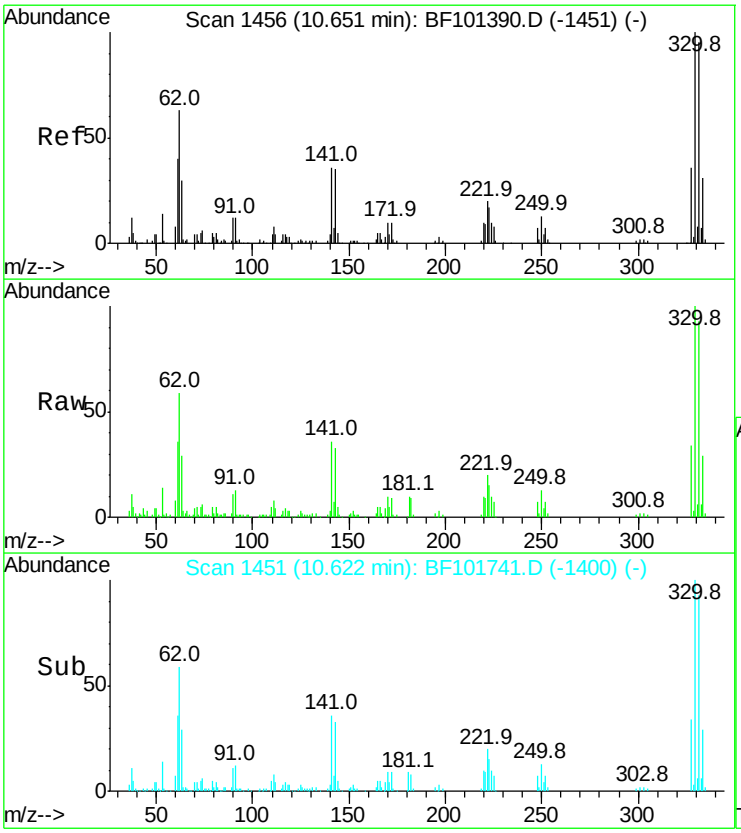
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:164 Resp: 175988

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.1	129.1
160	49.3	38.3	57.5

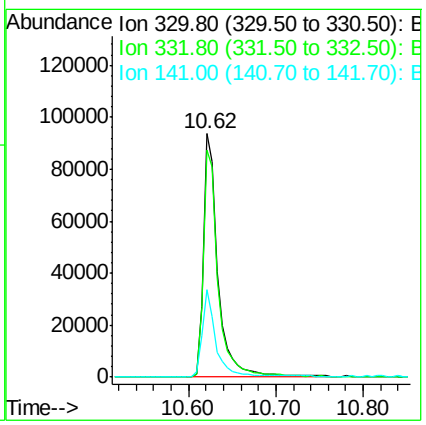


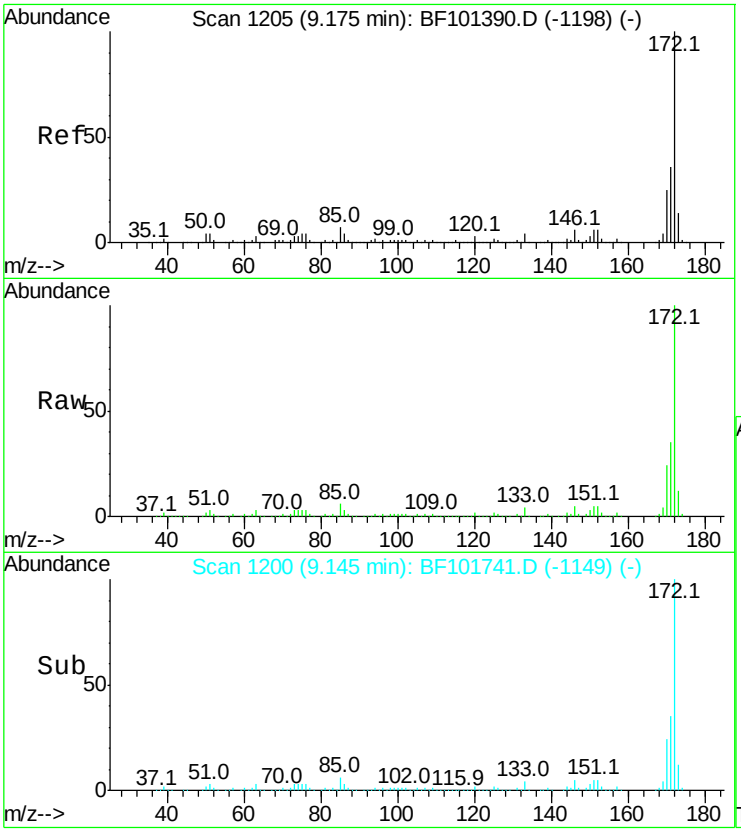


#41
2,4,6-Tribromophenol
Concen: 63.821 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:330 Resp: 108227

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	33.5	29.9	44.9



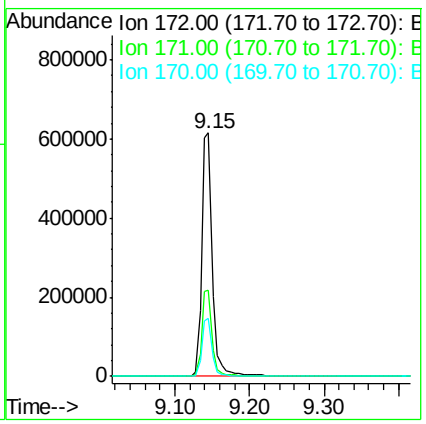


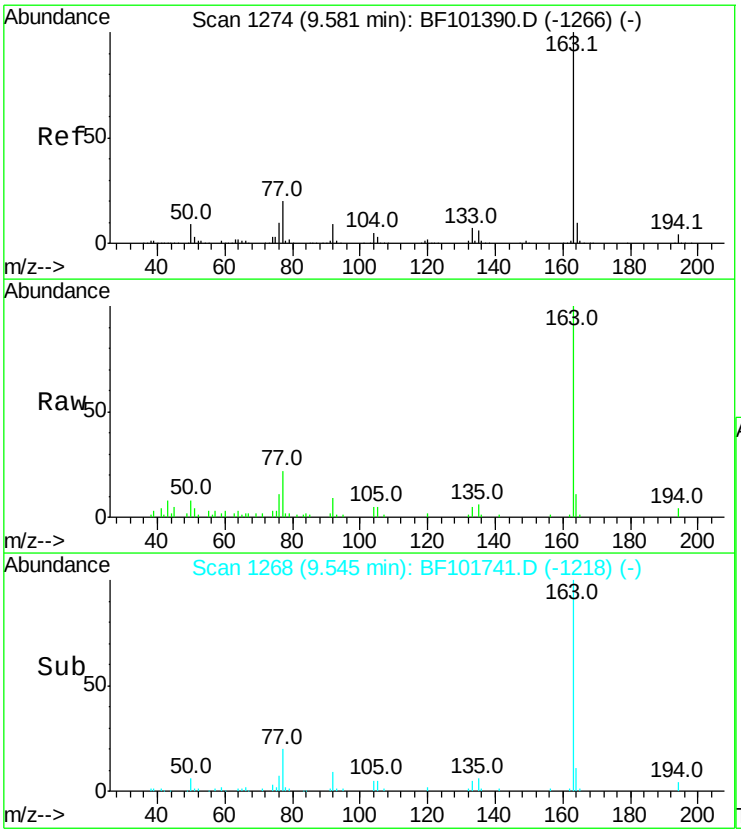
#44
2-Fluorobiphenyl
Concen: 54.451 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:172 Resp: 617746

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.6	19.6	29.4

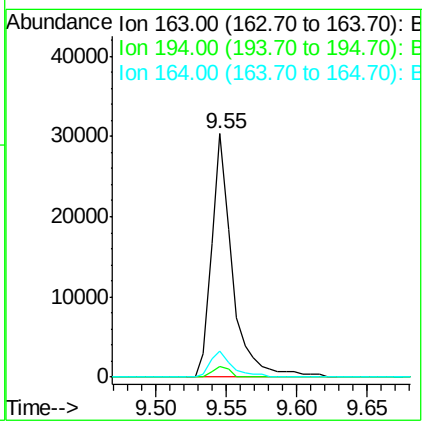


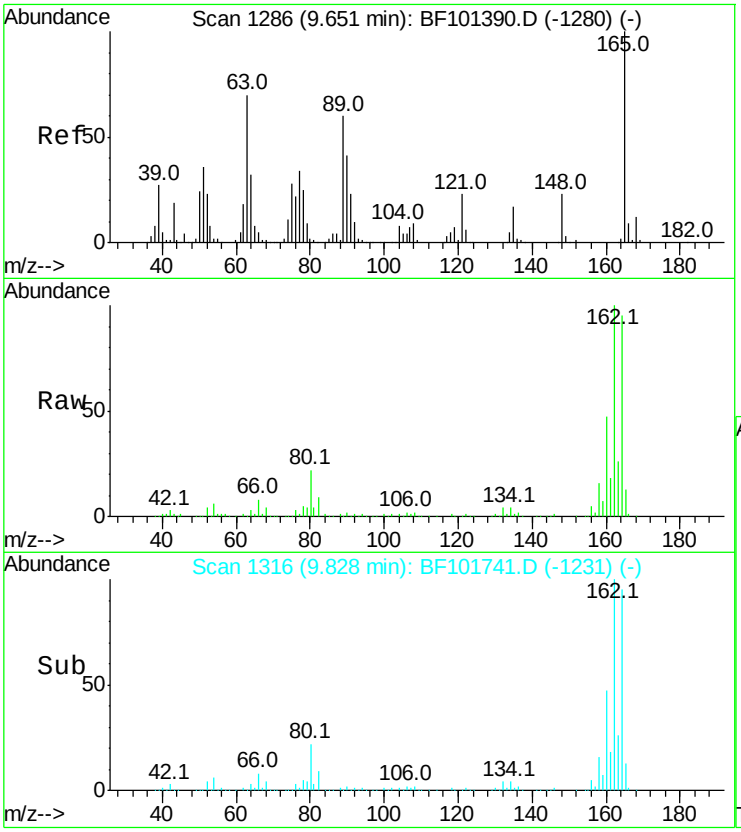


#49
Dimethylphthalate
Concen: 2.196 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:163 Resp: 31087

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.7	8.2	12.2



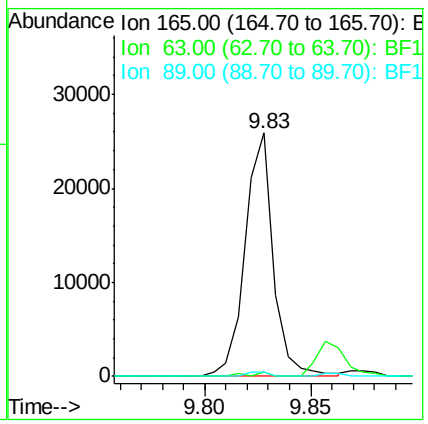


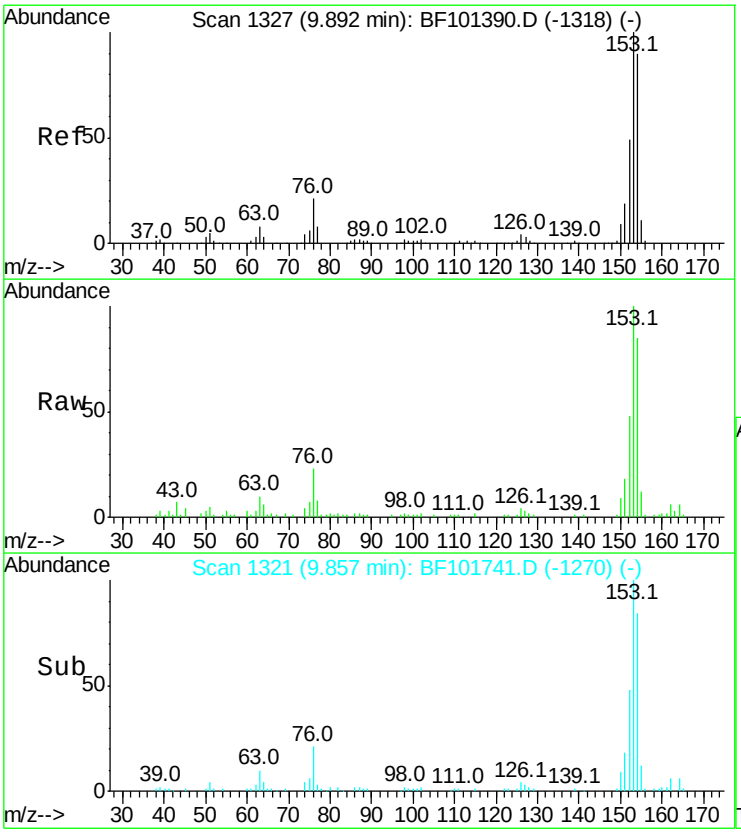
#50
2,6-Dinitrotoluene
Concen: 8.345 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.20 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:165 Resp: 24010

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.9	44.0	66.0#

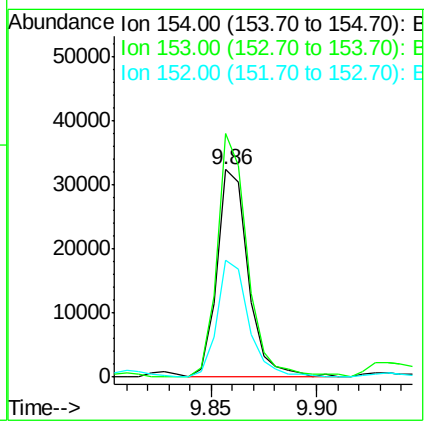


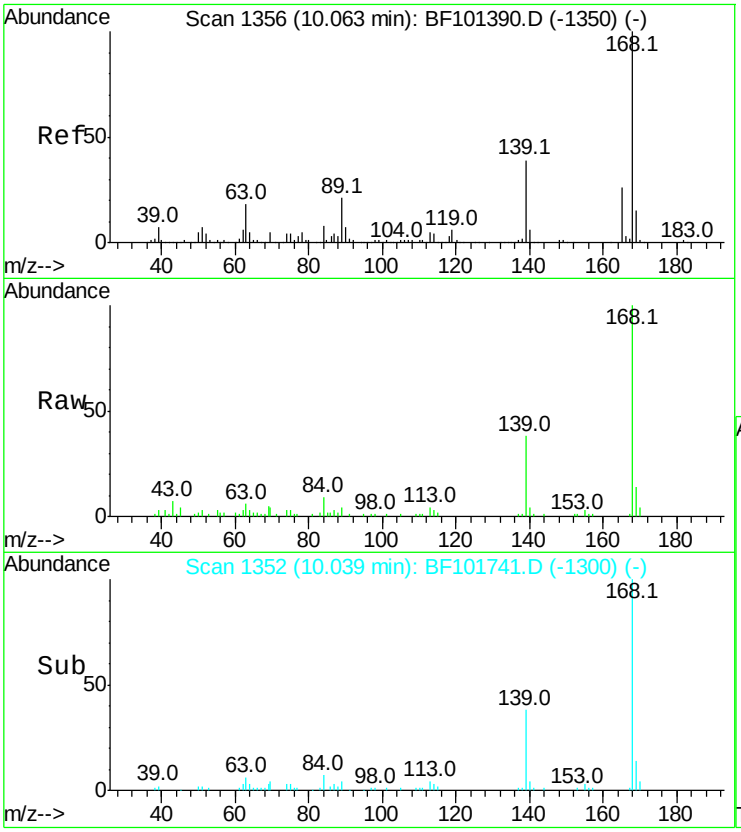


#51
Acenaphthene
Concen: 2.941 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:154 Resp: 33330

Ion	Ratio	Lower	Upper
154	100		
153	117.4	91.2	136.8
152	56.2	43.8	65.8



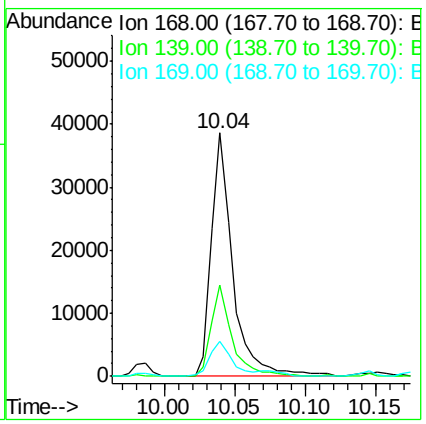


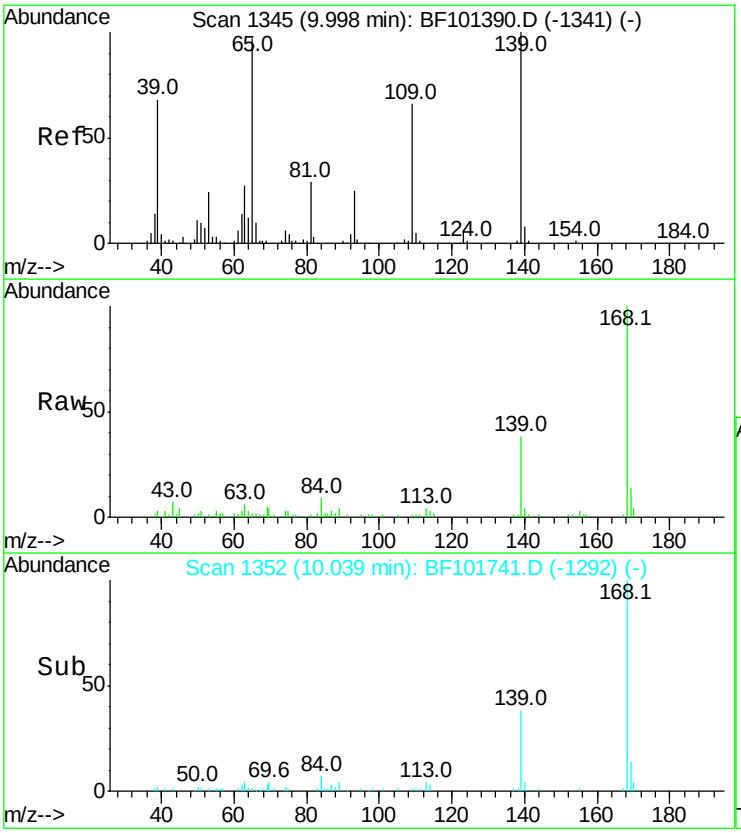
#54
Dibenzofuran
Concen: 2.837 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:168 Resp: 40862

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	14.3	10.9	16.3

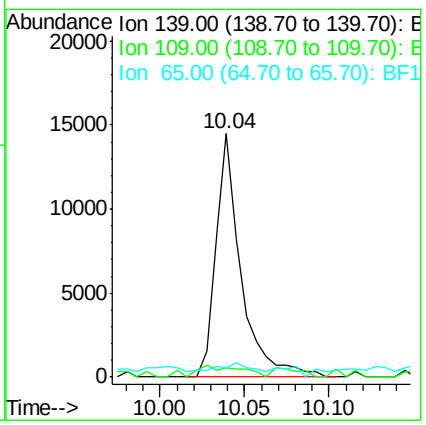


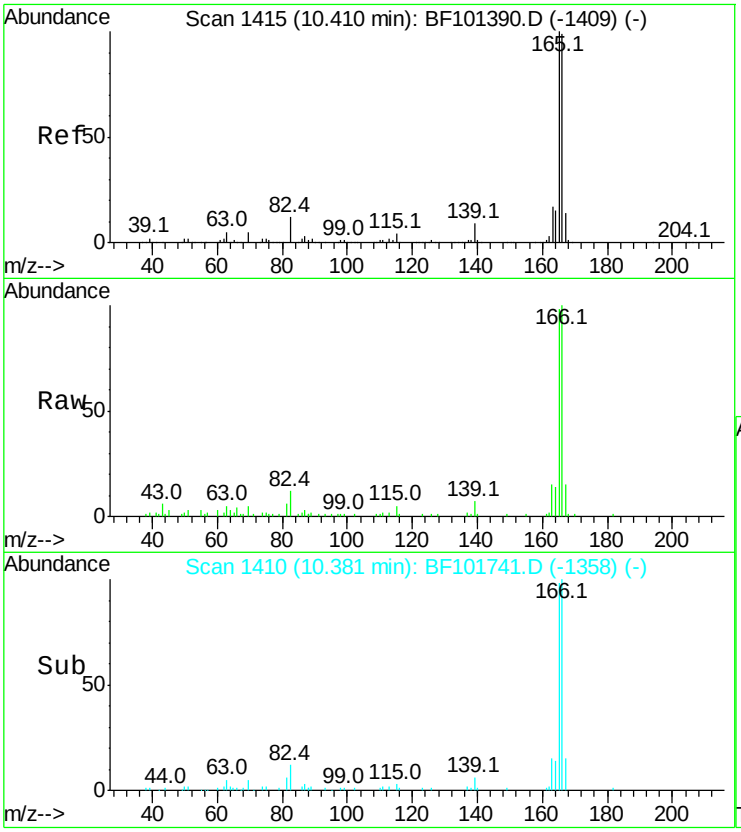


#55
4-Nitrophenol
Concen: 9.621 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.05 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:139 Resp: 15048

Ion	Ratio	Lower	Upper
139	100		
109	3.7	48.4	88.4#
65	4.1	72.6	112.6#



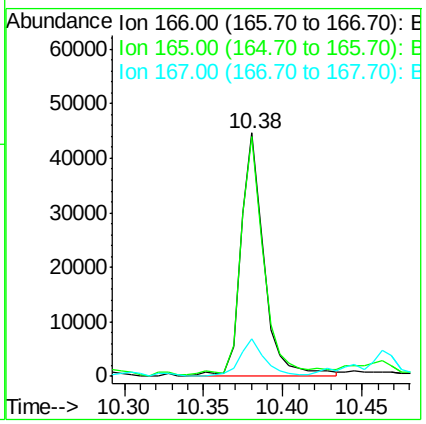


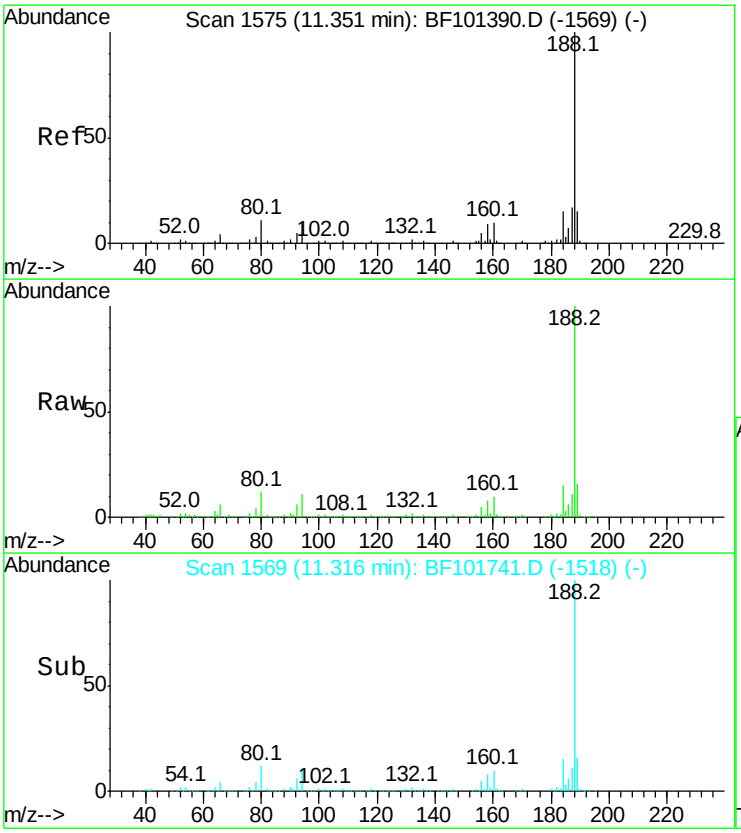
#57
Fluorene
Concen: 3.683 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:166 Resp: 44865

Ion	Ratio	Lower	Upper
166	100		
165	98.4	79.8	119.8
167	15.5	10.6	16.0

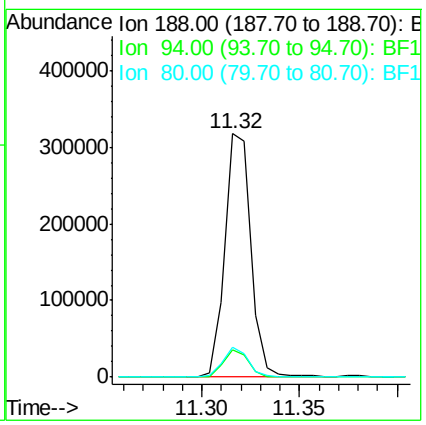


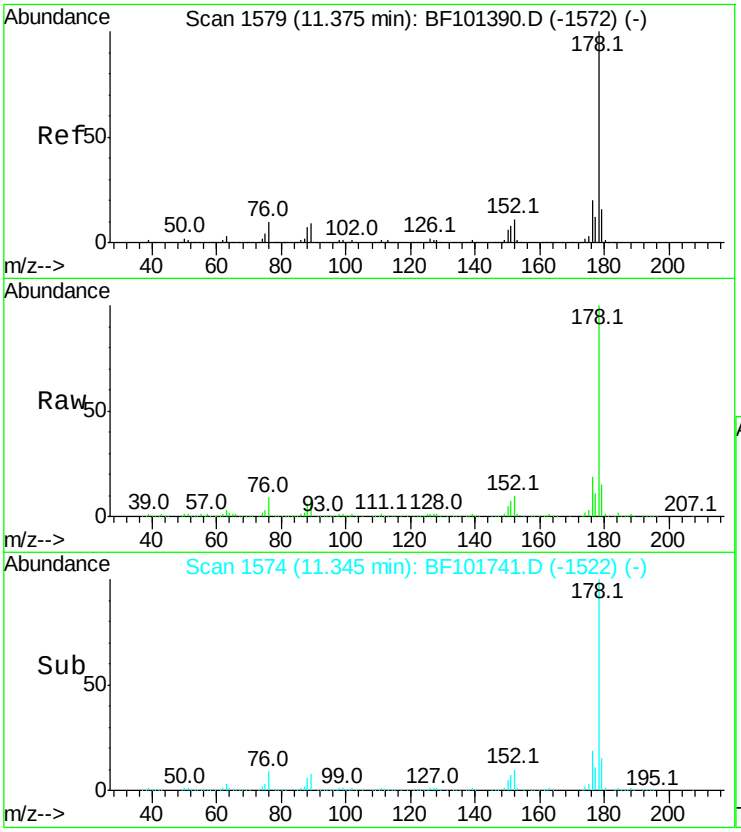


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:188 Resp: 295104

Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.5	12.7
80	12.3	9.2	13.8



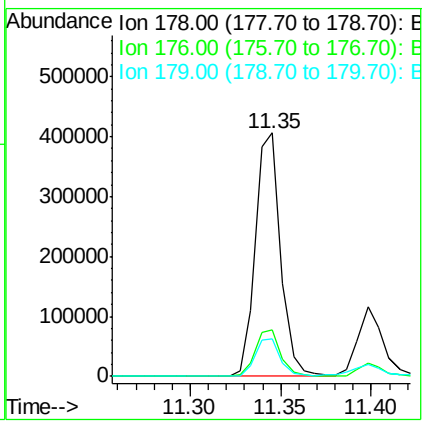


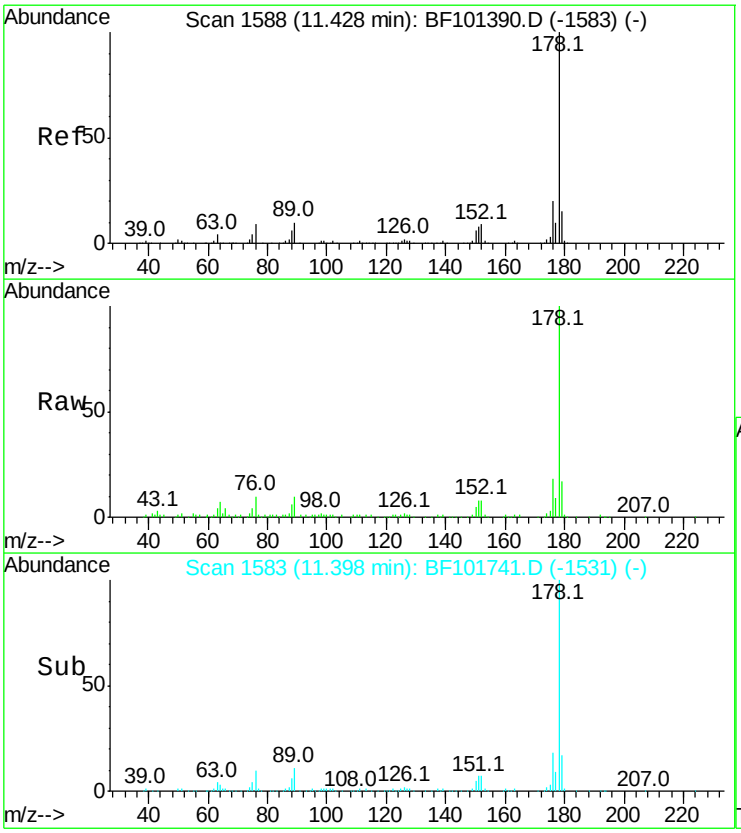
#70
Phenanthrene
Concen: 24.082 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:178 Resp: 395222

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.2	13.0	19.6

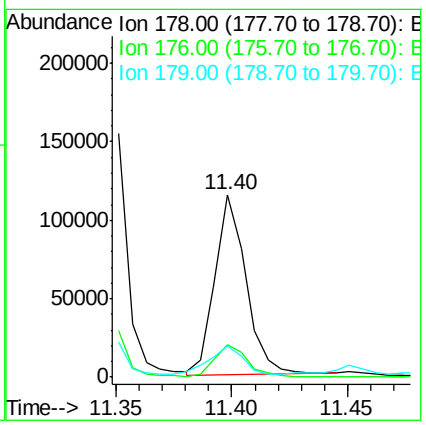


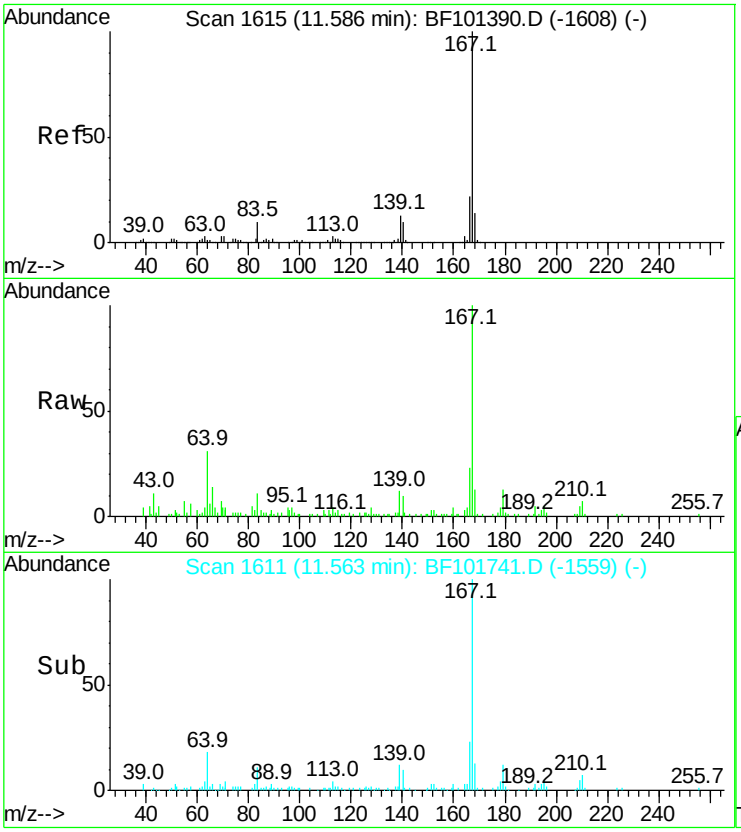


#71
Anthracene
Concen: 6.352 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:178 Resp: 106490

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	16.7	12.6	19.0



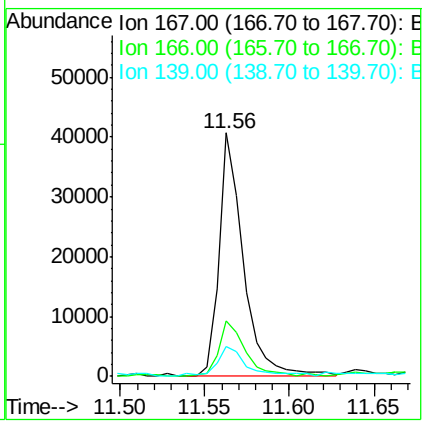


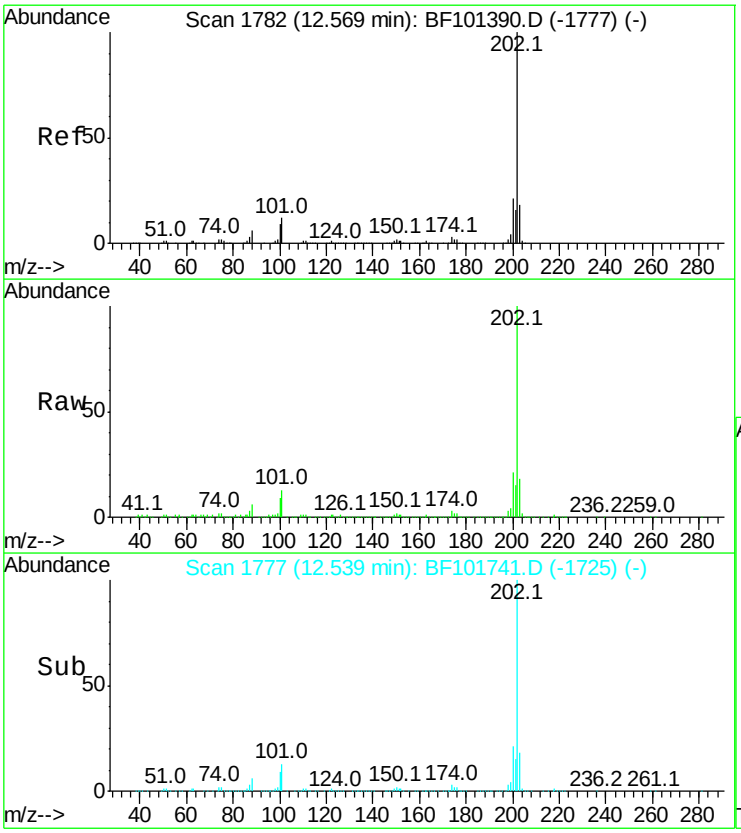
#72
Carbazole
Concen: 2.615 ng
RT: 11.56 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:167 Resp: 41048

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	12.5	10.9	16.3

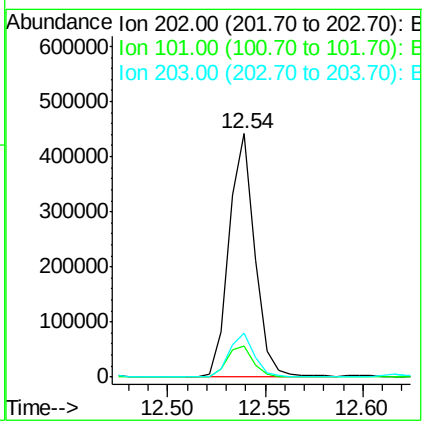


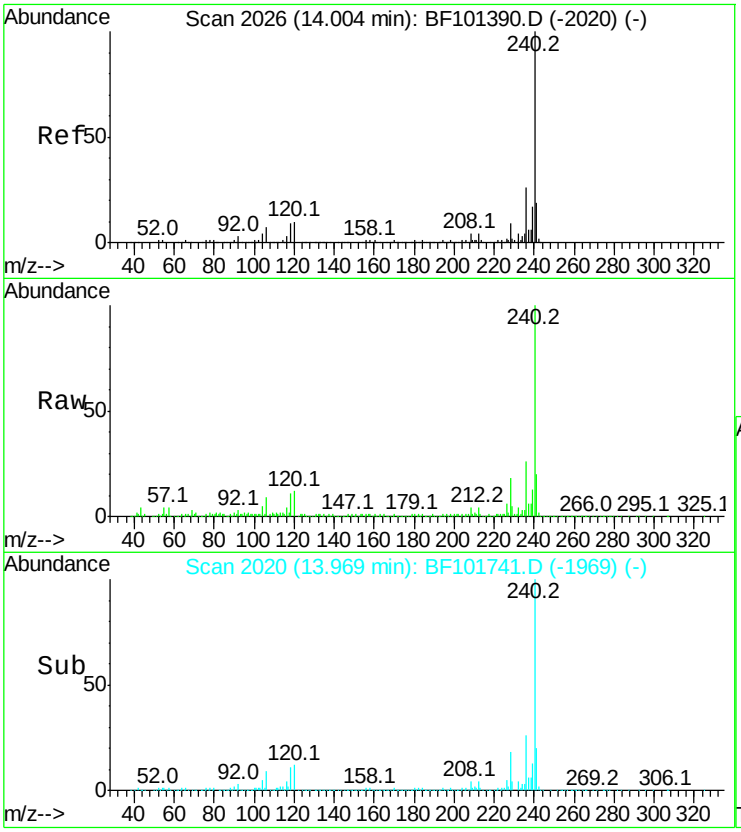


#74
Fluoranthene
Concen: 23.448 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:202 Resp: 403907

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	34.1
203	18.3	0.0	38.1



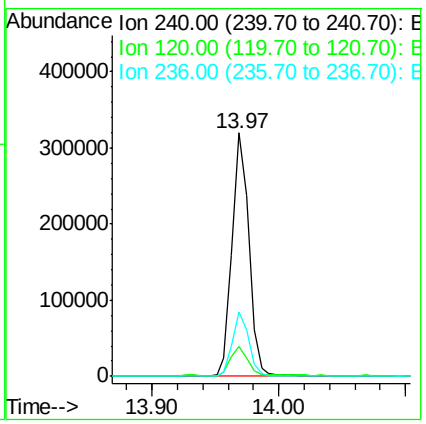


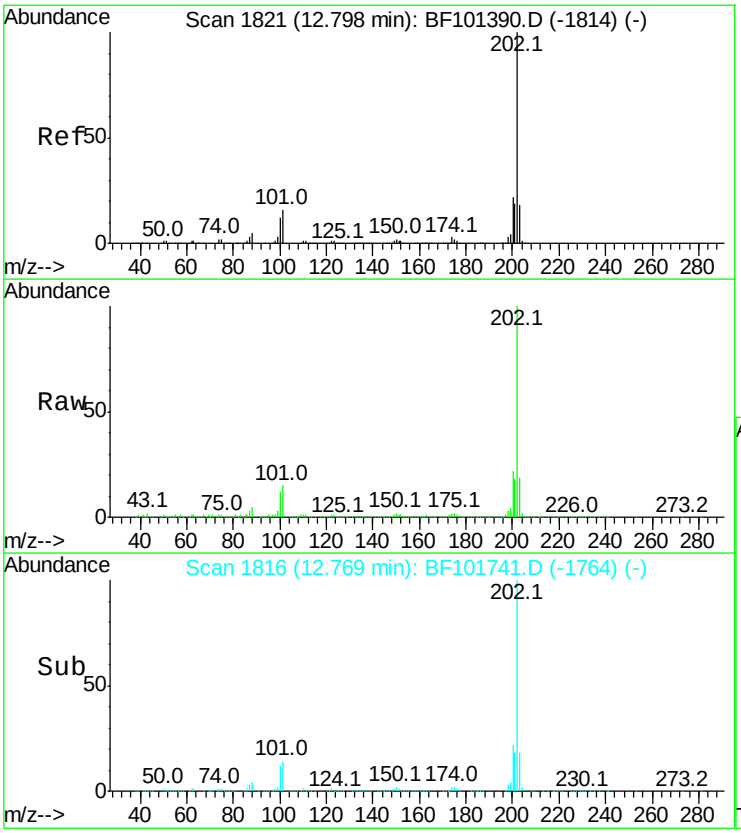
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument : BNA_F
ClientSampleId : B11(0-10)-COMP

Tgt Ion:240 Resp: 289749

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.3	20.7	31.1

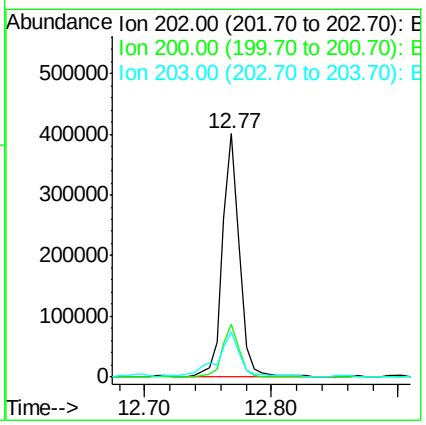


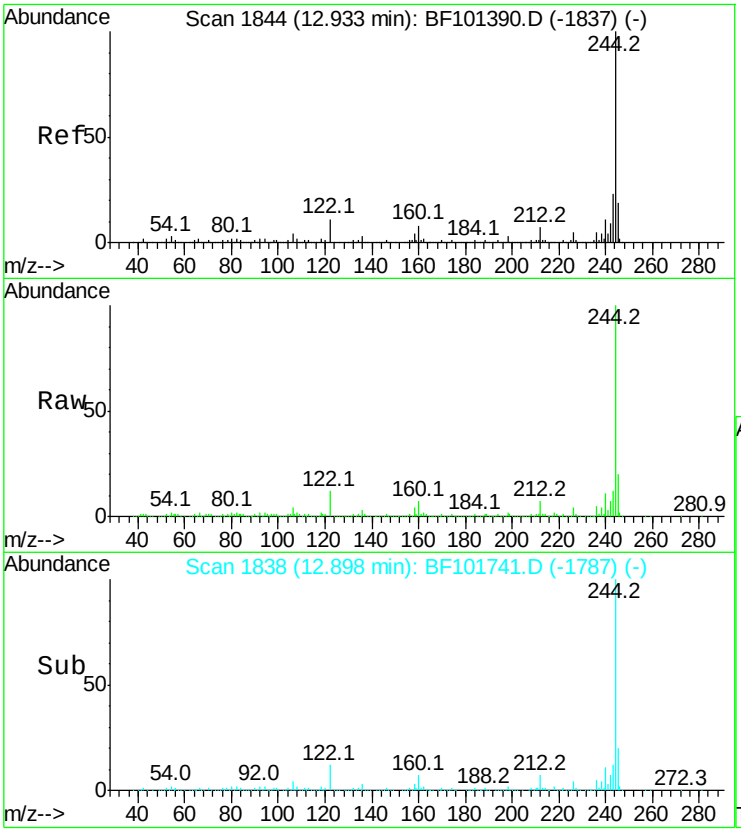


#77
Pyrene
Concen: 16.890 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:202 Resp: 367292

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.6	14.3	21.5



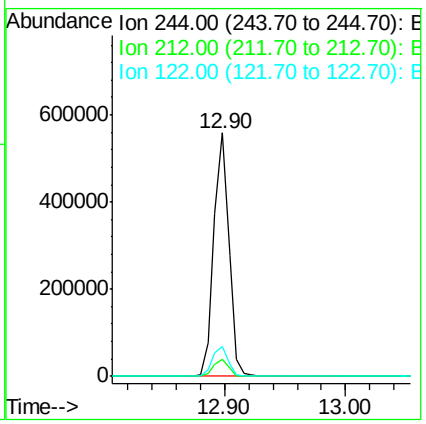


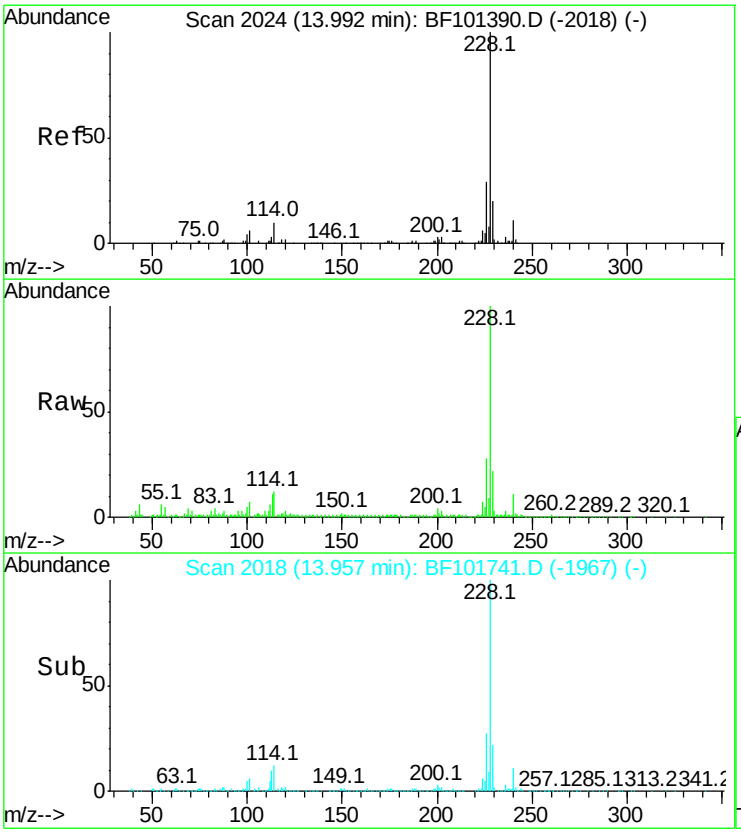
#78
Terphenyl-d14
Concen: 39.718 ng
RT: 12.90 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:244 Resp: 477365

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.2	11.0	16.4

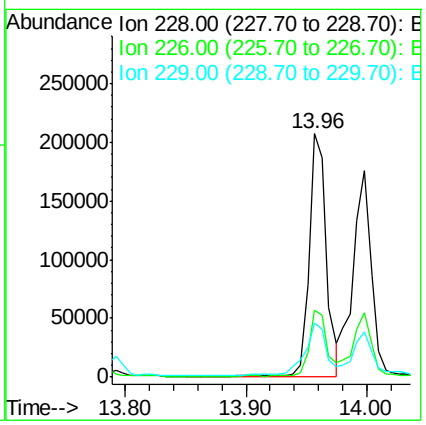


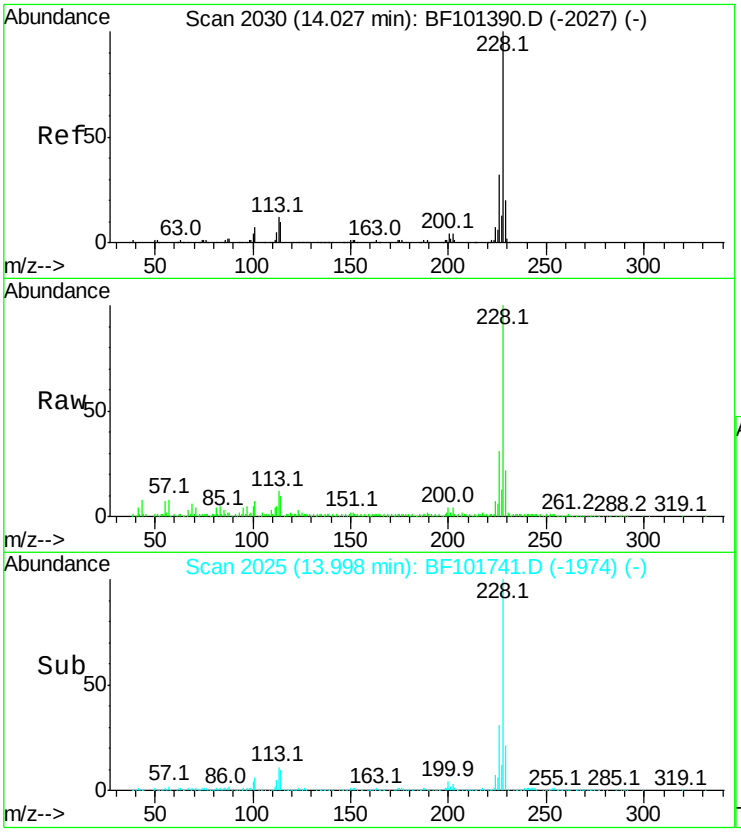


#80
Benzo(a)anthracene
Concen: 10.588 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:228 Resp: 202584

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	22.4	15.8	23.6



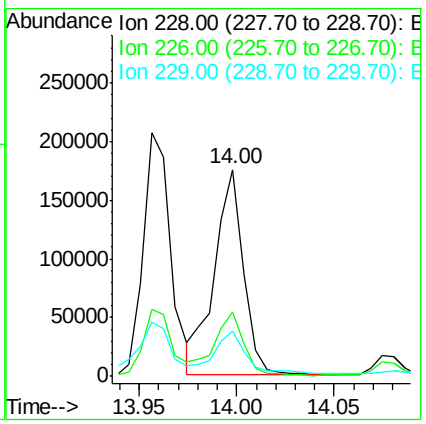


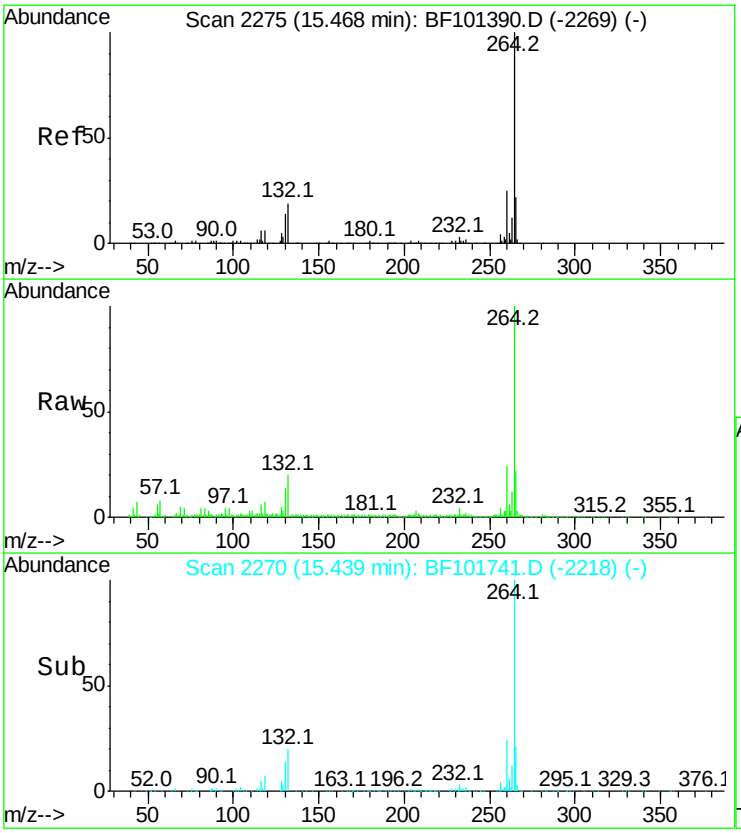
#82
Chrysene
Concen: 10.073 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:228 Resp: 181974

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.0	16.2	24.4

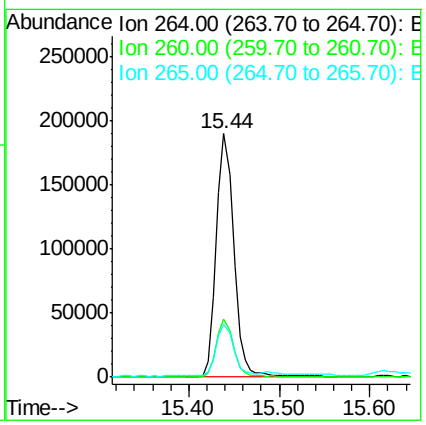


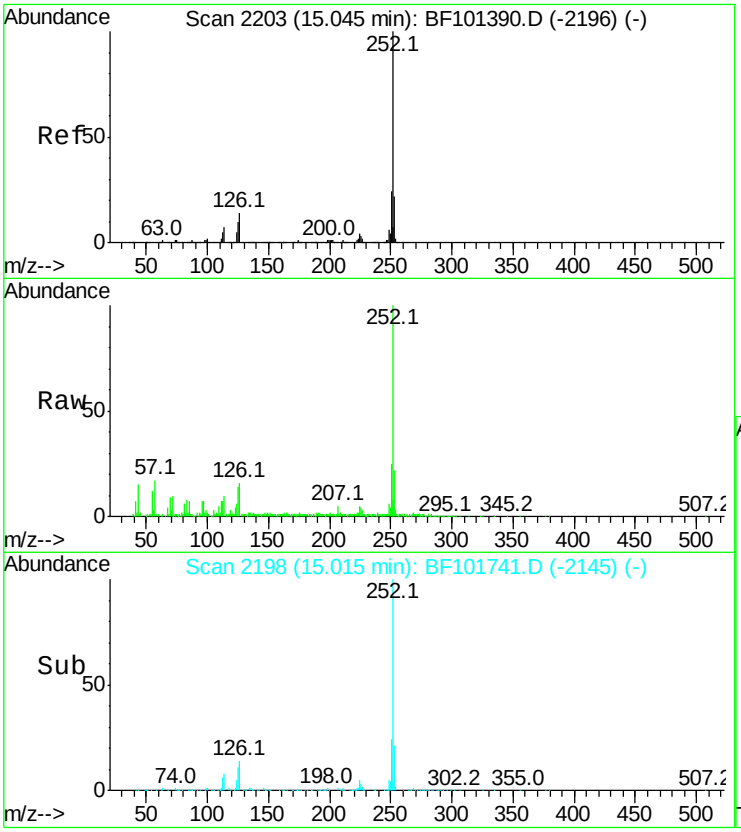


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:264 Resp: 252304

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3



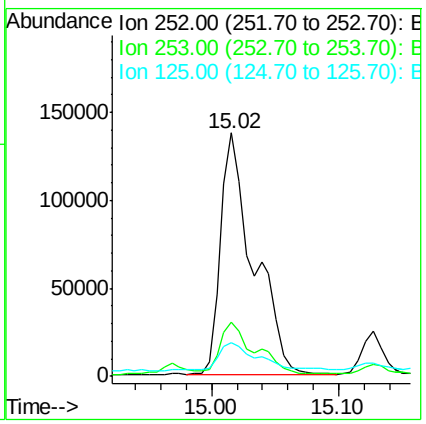


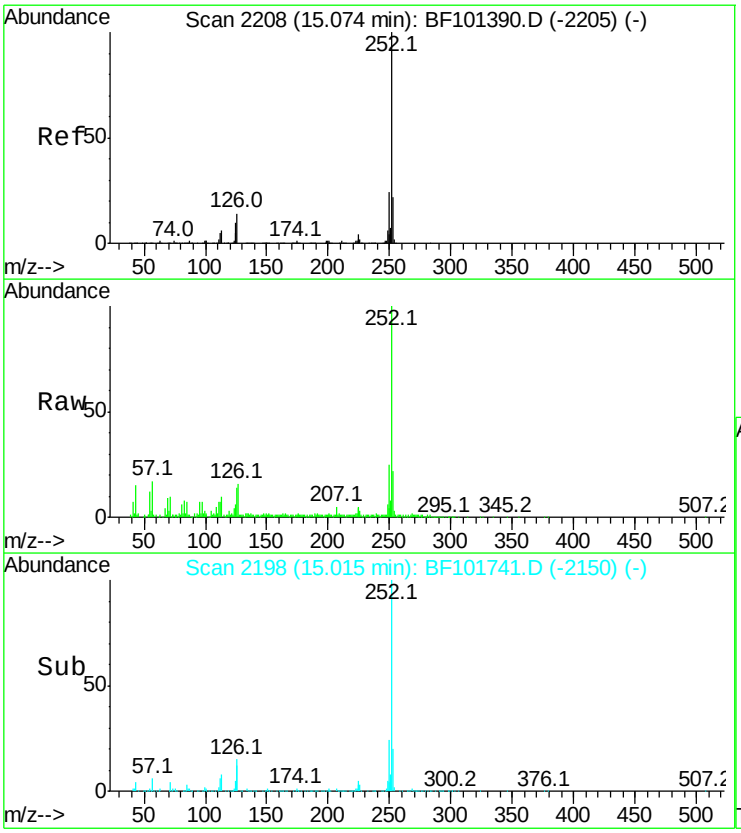
#87
Benzo(b)fluoranthene
Concen: 16.138 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:252 Resp: 248173

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	14.0	9.0	13.6#

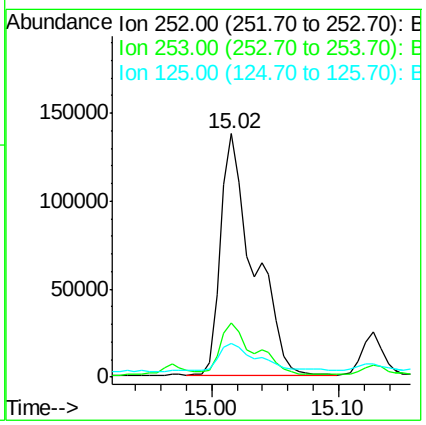


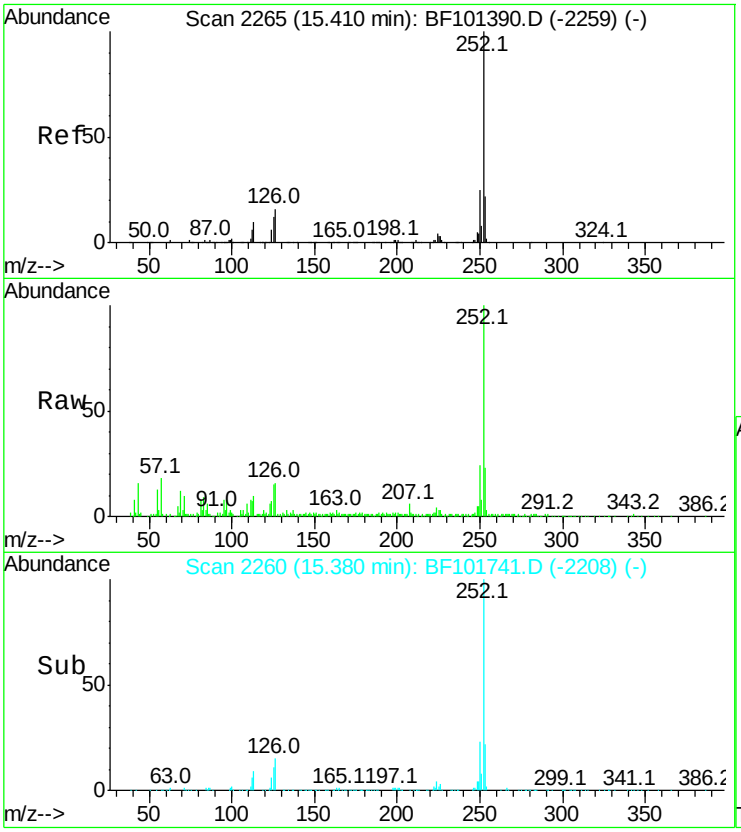


#88
Benzo(k)fluoranthene
Concen: 16.598 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:252 Resp: 248173

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	14.0	10.2	15.2



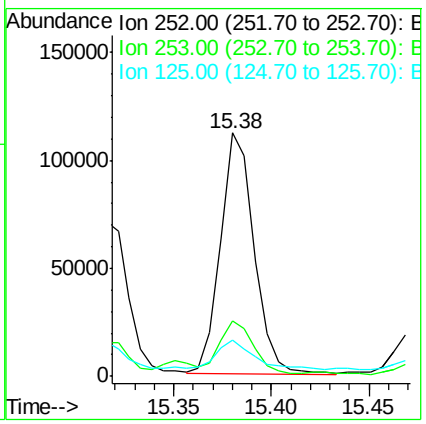


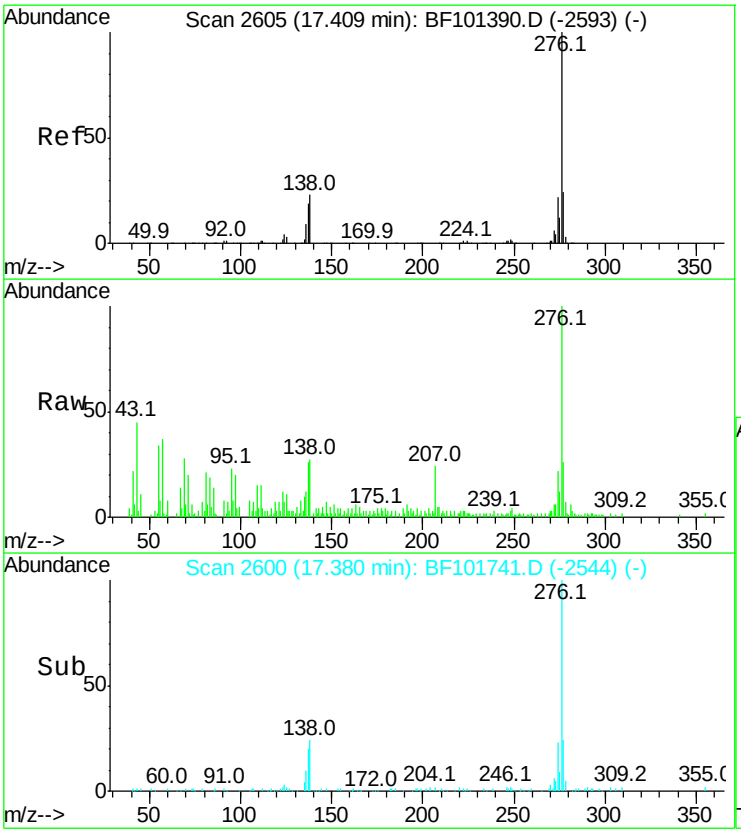
#89
Benzo(a)pyrene
Concen: 9.454 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Instrument :
BNA_F
ClientSampleId :
B11(0-10)-COMP

Tgt Ion:252 Resp: 134023

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	15.0	9.8	14.6#





#91
Benzo(g,h,i)perylene
Concen: 4.981 ng
RT: 17.38 min Scan# 2600
Delta R.T. 0.03 min
Lab File: BF101741.D
Acq: 27 Dec 2017 3:47

Tgt Ion:276 Resp: 60032

Ion	Ratio	Lower	Upper
276	100		
277	25.8	17.9	26.9
138	26.7	21.8	32.8