Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101054.D
Acq On : 1 Dec 2017 9:30
Operator : SJ/JU
Sample : I6610-12DL 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 01 10:04:30 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 09:47:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	50017	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	179184	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	67783	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	108577	20.00	ng		0.00
75) Chrysene-d12	14.02	240	112437	20.00	ng		0.00
86) Perylene-d12	15.49	264	76380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	25328	8.37	ng		0.00
7) Phenol-d6	6.47	99	30341	8.26	ng		-0.01
23) Nitrobenzene-d5	7.41	82	17358	5.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	5589	6.86	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	39474	7.97	ng		0.00
78) Terphenyl-d14	12.96	244	30408	5.92	ng		-0.01
Target Compounds							Qvalue
25) Isophorone	7.41	82	17358	3.383	ng	#	64
50) 2,6-Dinitrotoluene	9.89	165	8343	7.246	ng	#	24
51) Acenaphthene	9.92	154	9770	2.251	ng		96
55) 4-Nitrophenol	10.09	139	2518	2.884	ng	#	9
56) 2,4-Dinitrotoluene	9.89	165	8343	5.407	ng	#	21
57) Fluorene	10.44	166	10921	2.148	ng		99
70) Phenanthrene	11.40	178	154672	25.868	ng		98
71) Anthracene	11.45	178	37449	6.188	ng		97
72) Carbazole	11.61	167	14554	2.632	ng		99
74) Fluoranthene	12.59	202	255614	38.566	ng		95
77) Pyrene	12.83	202	235520	30.356	ng		97
79) Butylbenzylphthalate	13.43	149	140868	41.182	ng		96
80) Benzo(a)anthracene	14.01	228	132356	18.644	ng		97
82) Chrysene	14.05	228	116428	17.659	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	38343	7.862	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.97	276	38636	6.591	ng	#	89
87) Benzo(b)fluoranthene	15.06	252	142735	31.199	ng		98
88) Benzo(k)fluoranthene	15.06	252	142735	31.667	ng	#	97
89) Benzo(a)pyrene	15.43	252	71228	17.125	ng		96
90) Dibenzo(a,h)anthracene	16.98	278	11494	3.135	ng		98
91) Benzo(g,h,i)perylene	17.67	276	9583	2.773	ng		94

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

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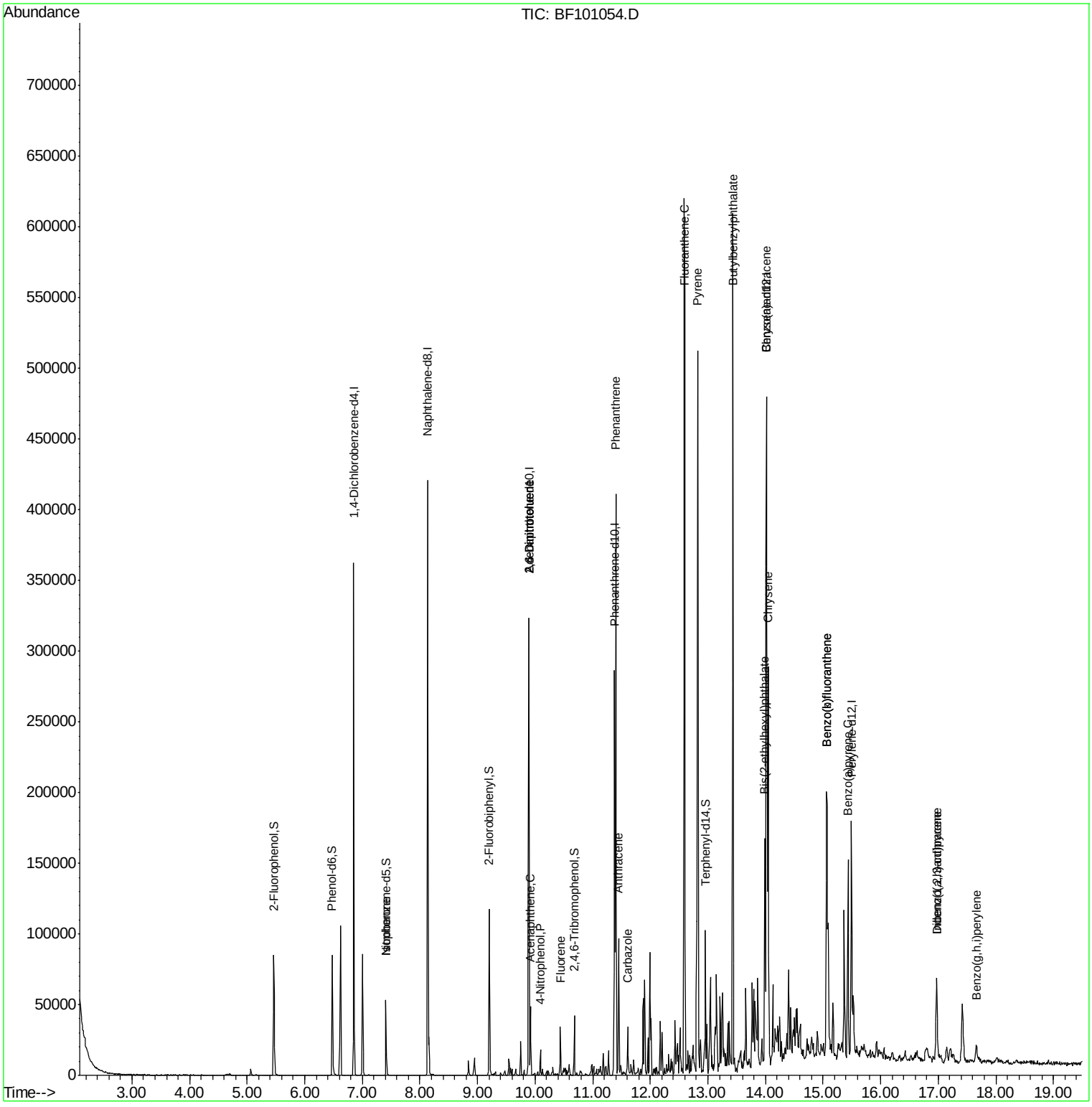
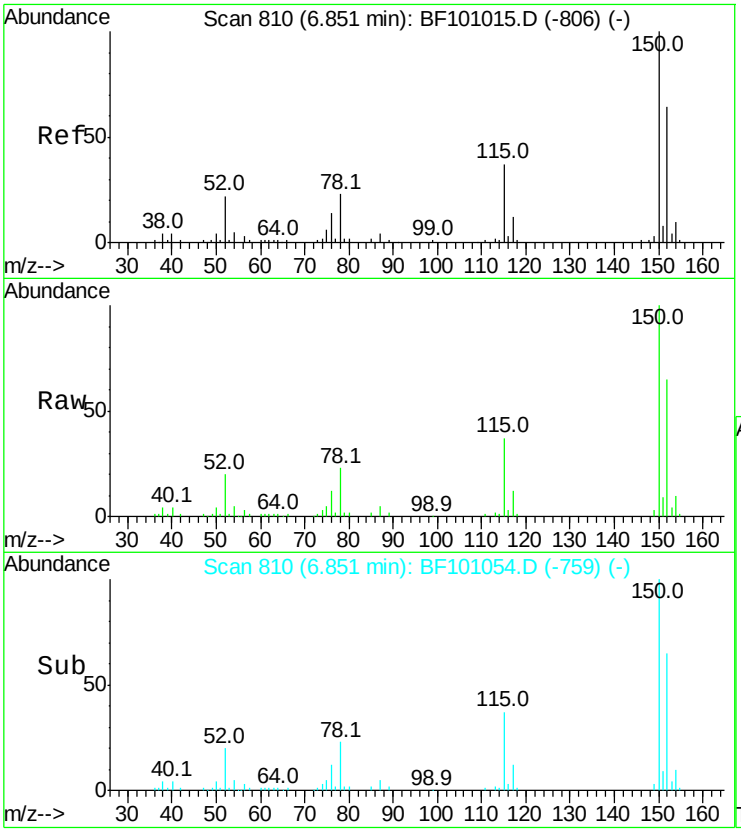


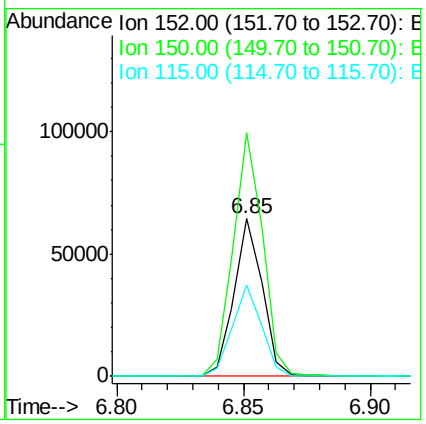


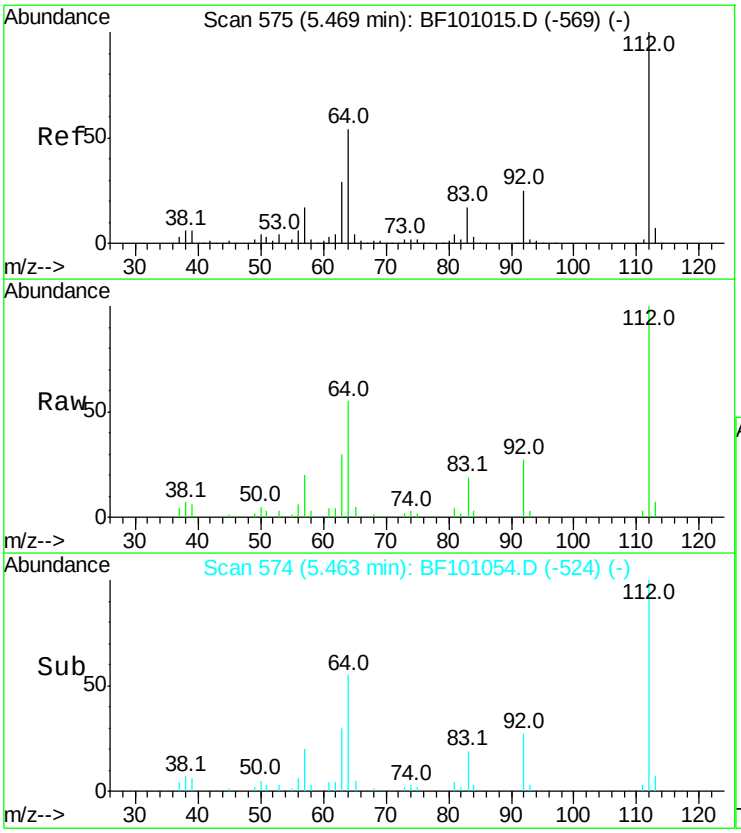
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 50017

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	57.7	50.1	75.1

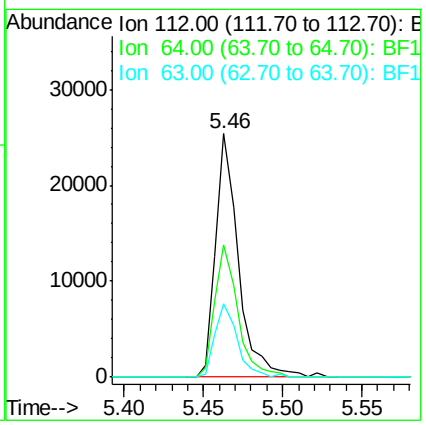


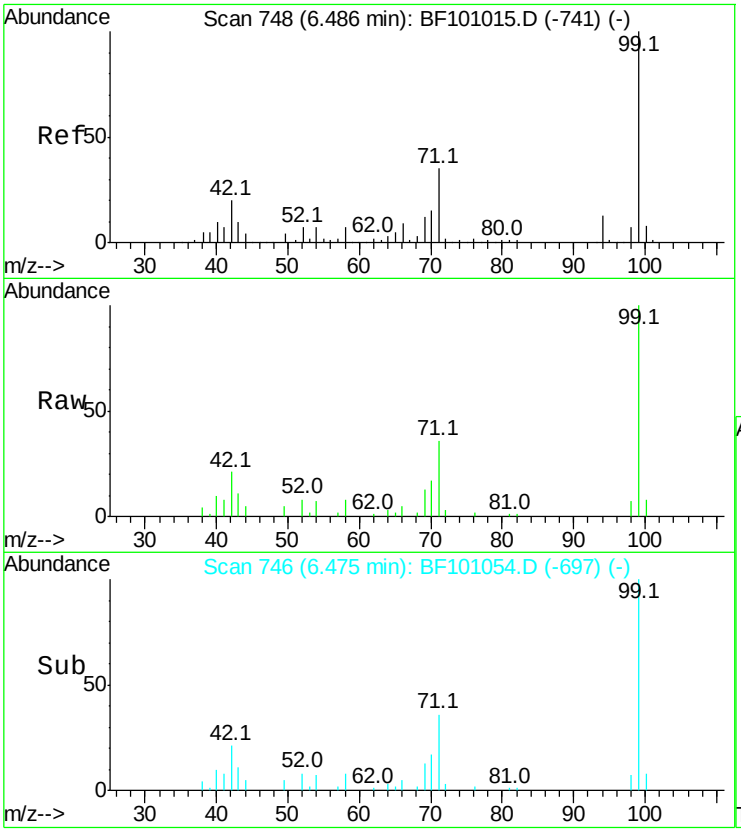


#5
2-Fluorophenol
Concen: 8.368 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.00 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:112 Resp: 25328

Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	30.3	23.7	35.5



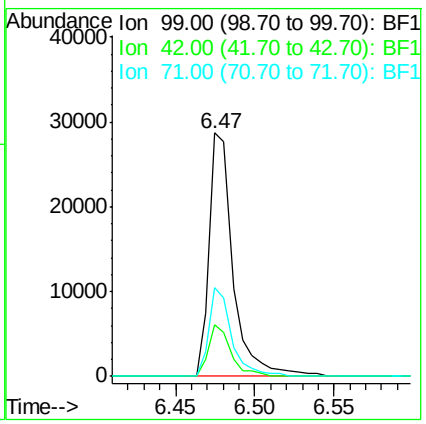


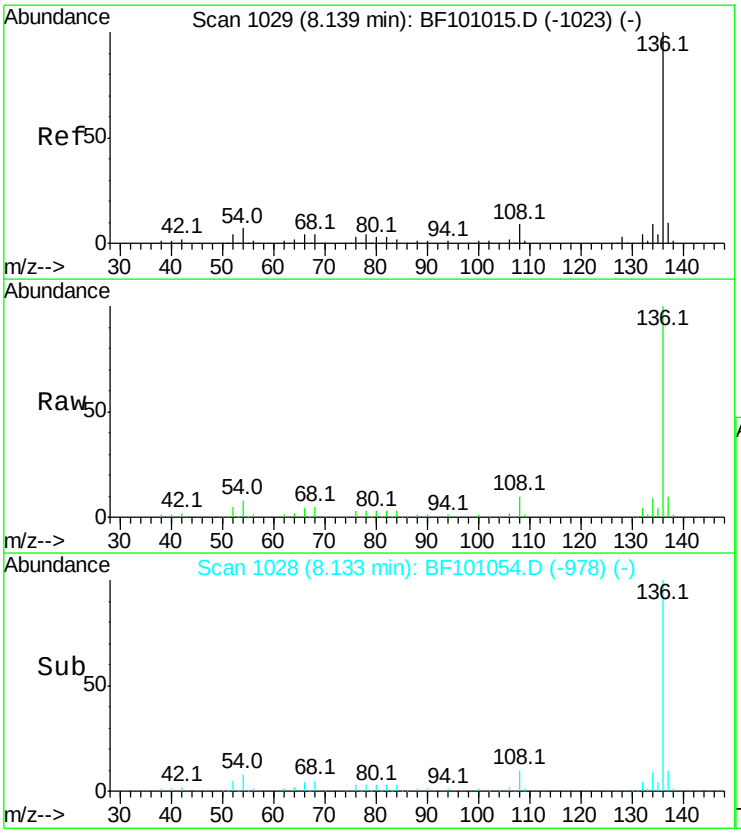
#7
Phenol-d6
Concen: 8.256 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 30341

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	36.5	25.4	38.0

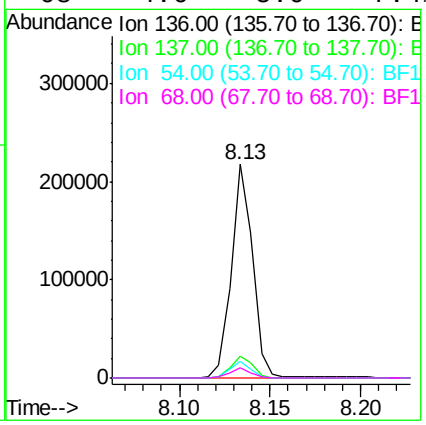


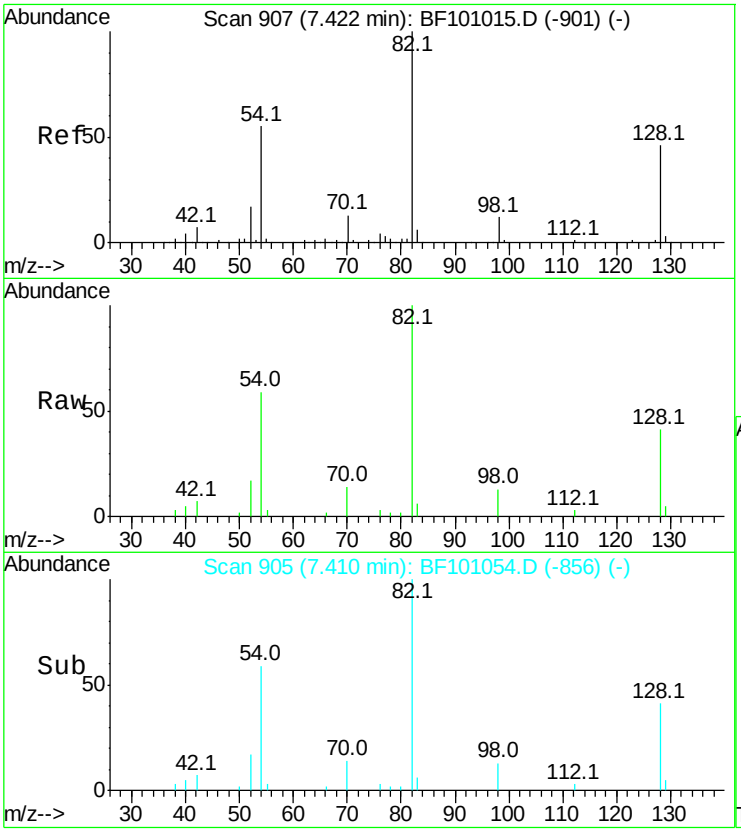


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:136 Resp: 179184

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.7	6.6	9.8
68	4.6	5.0	7.4#



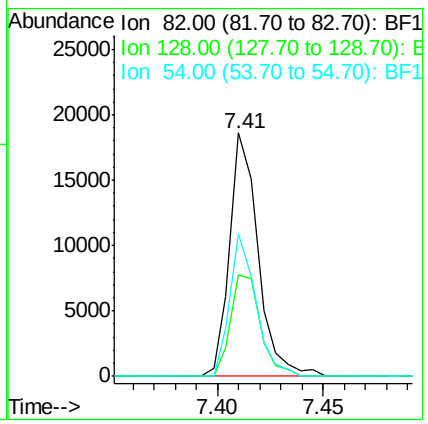


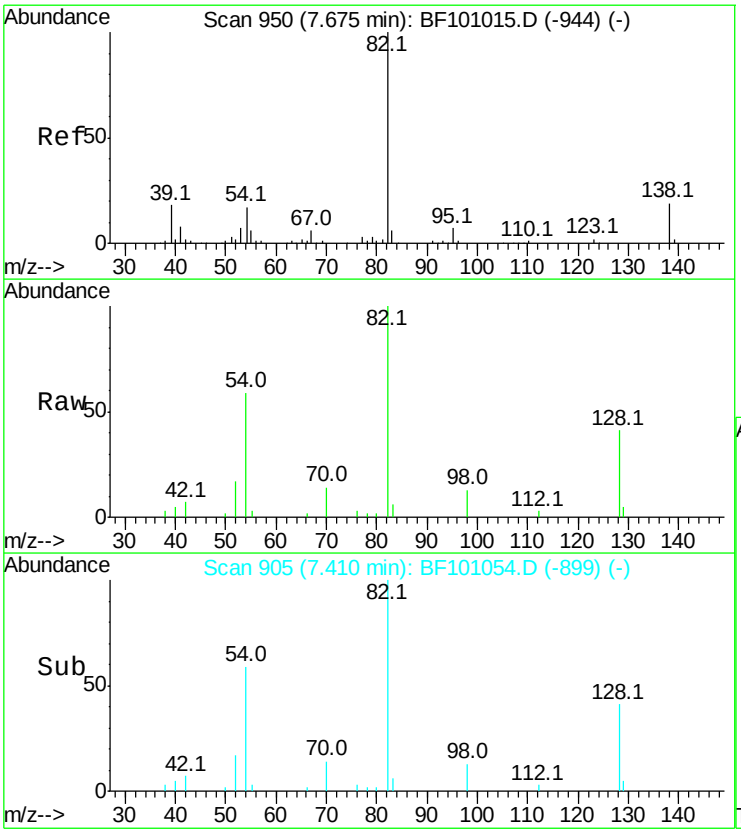
#23
Nitrobenzene-d5
Concen: 5.779 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 17358

Ion	Ratio	Lower	Upper
82	100		
128	41.5	36.1	54.1
54	58.7	41.4	62.2

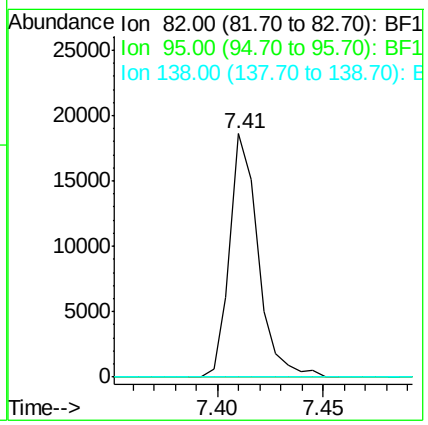


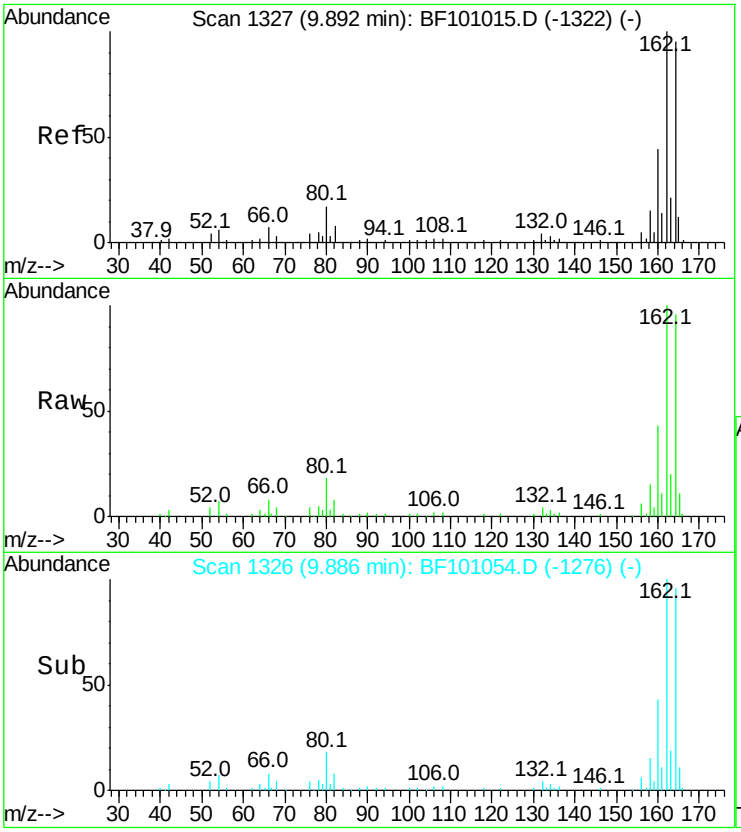


#25
Isophorone
Concen: 3.383 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion: 82 Resp: 17358

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

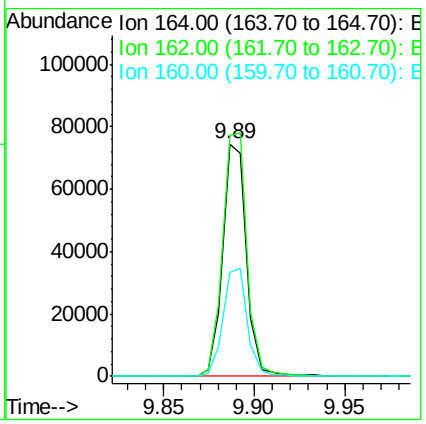




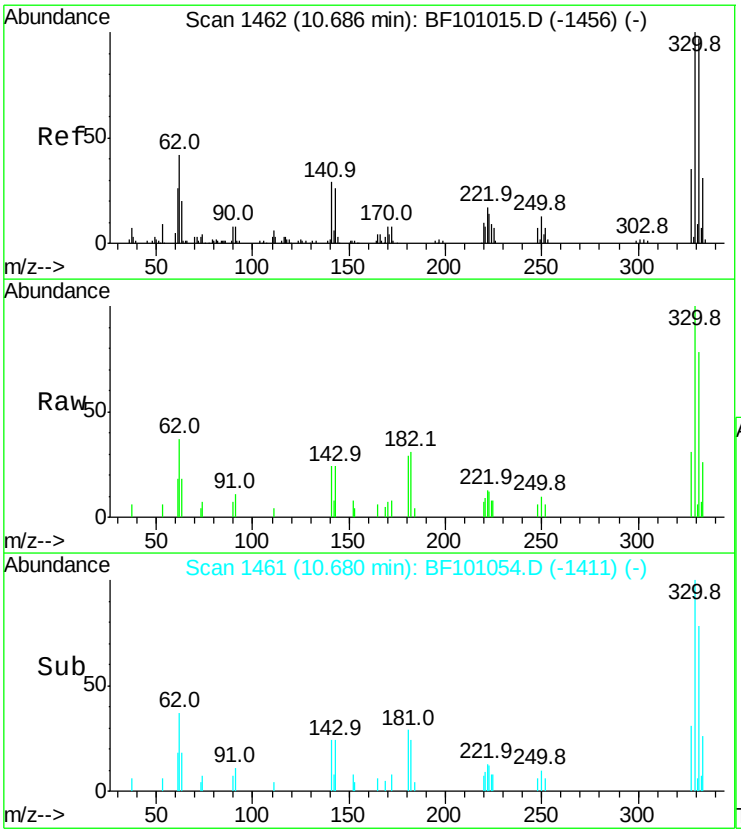
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:164 Resp: 67783

Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	45.0	38.3	57.5



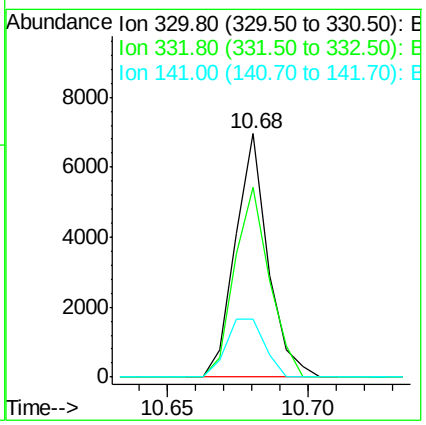
Instrument :
BNA_F
ClientSampleId :

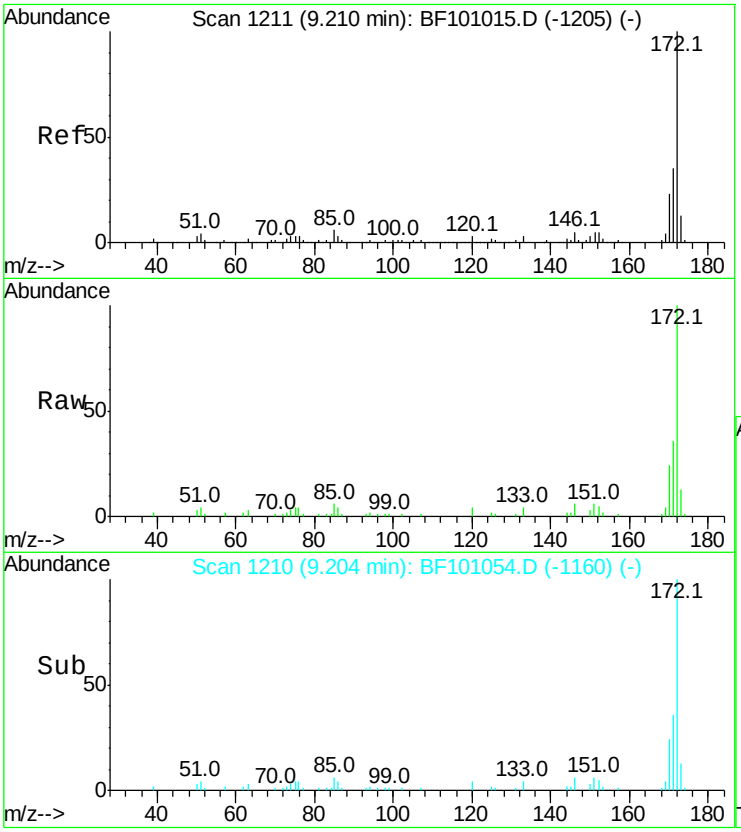


#41
2,4,6-Tribromophenol
Concen: 6.864 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:330 Resp: 5589

Ion	Ratio	Lower	Upper
330	100		
332	83.4	77.0	115.6
141	27.9	29.9	44.9#



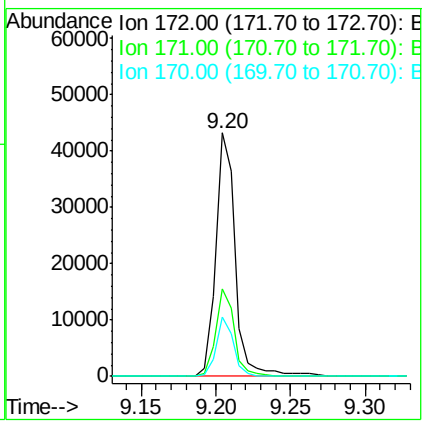


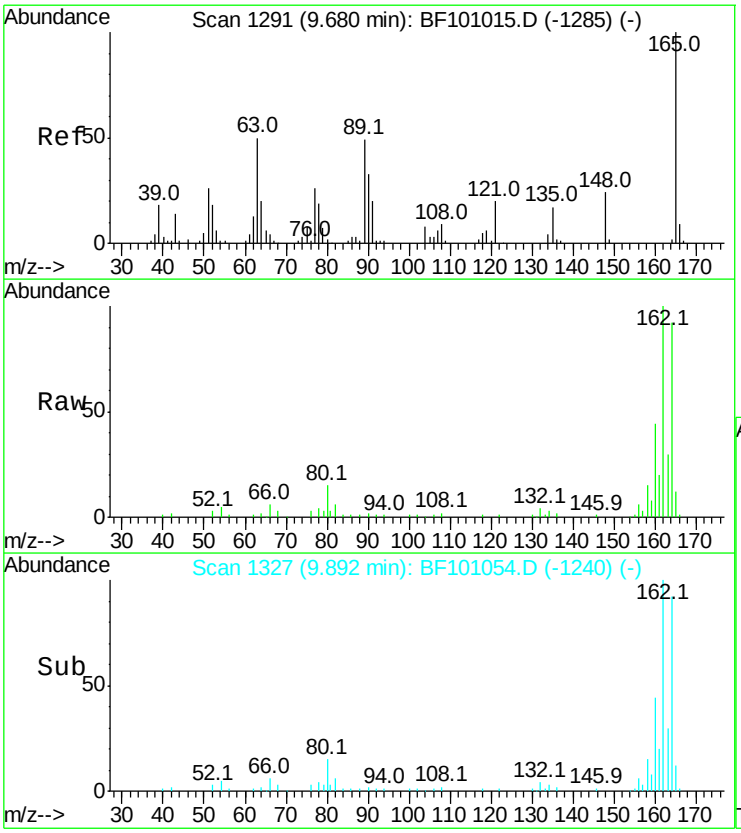
#44
2-Fluorobiphenyl
Concen: 7.968 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 39474

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.5	19.6	29.4

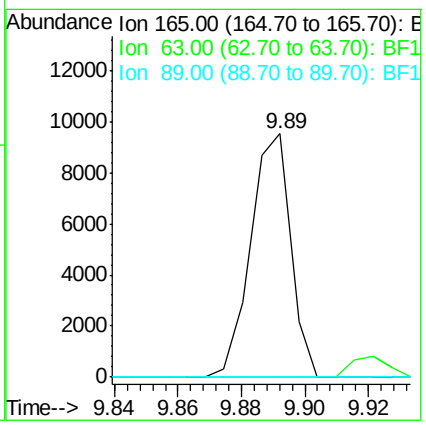


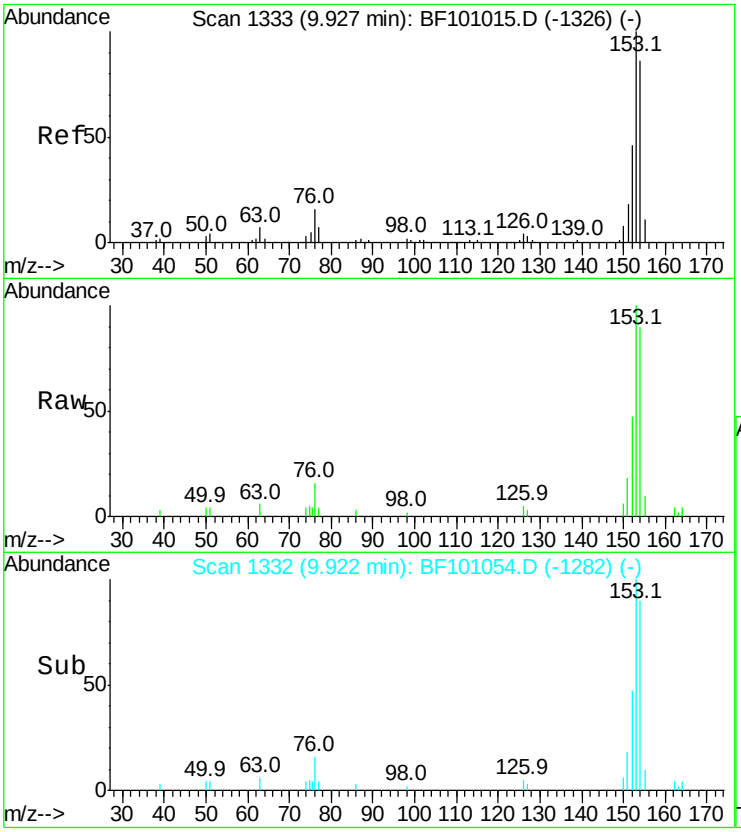


#50
2,6-Dinitrotoluene
Concen: 7.246 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:165 Resp: 8343

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



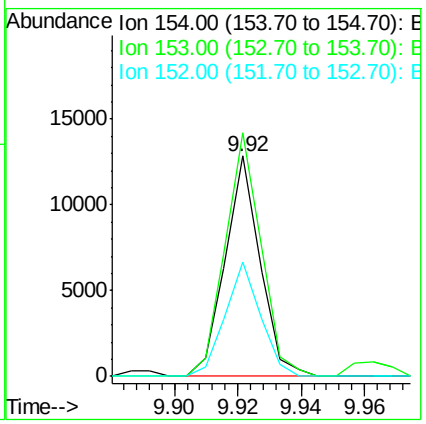


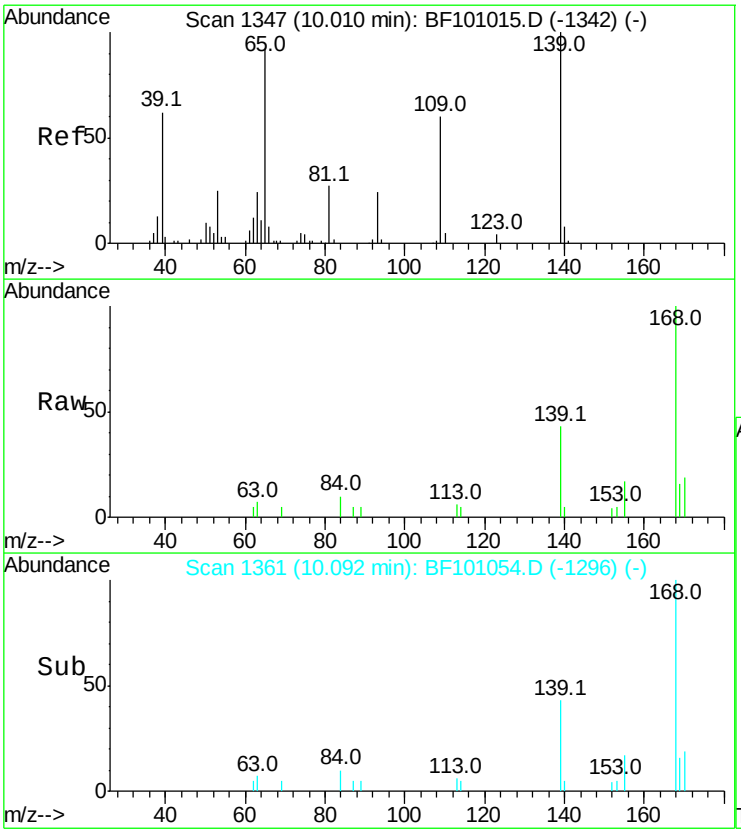
#51
Acenaphthene
Concen: 2.251 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 9770

Ion	Ratio	Lower	Upper
154	100		
153	110.6	91.2	136.8
152	51.7	43.8	65.8

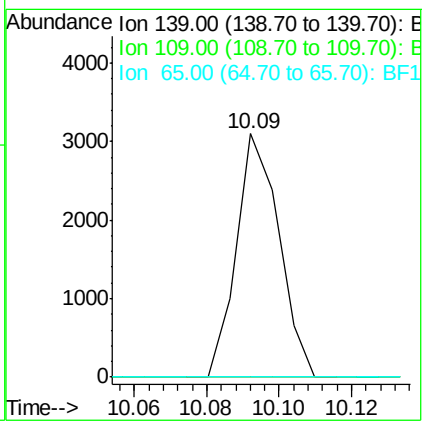


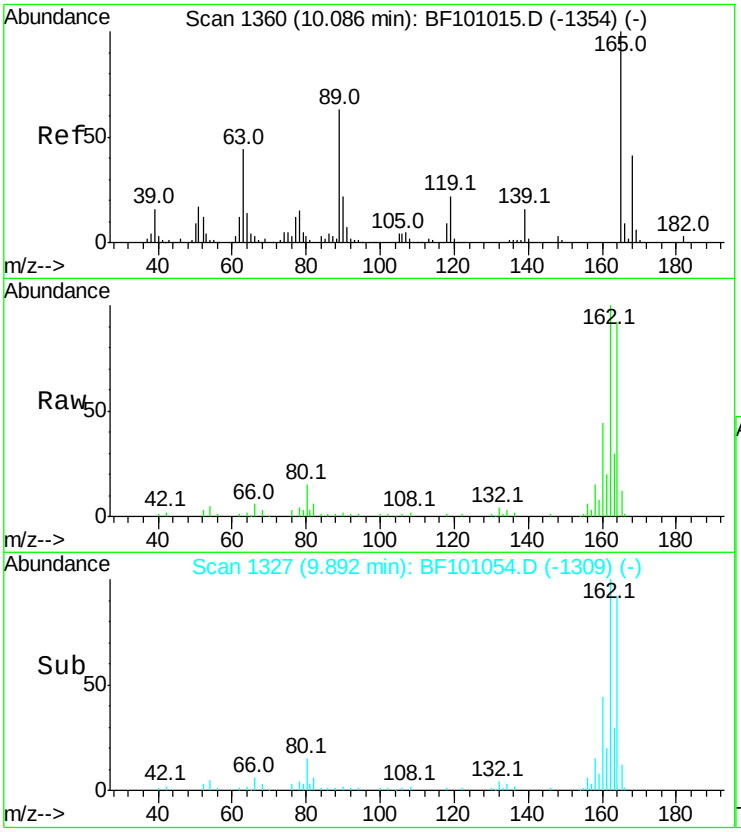


#55
4-Nitrophenol
Concen: 2.884 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:139 Resp: 2518

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#



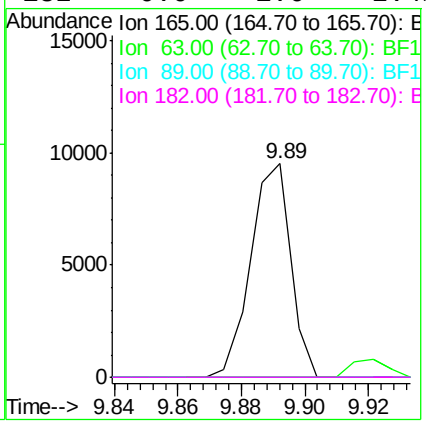


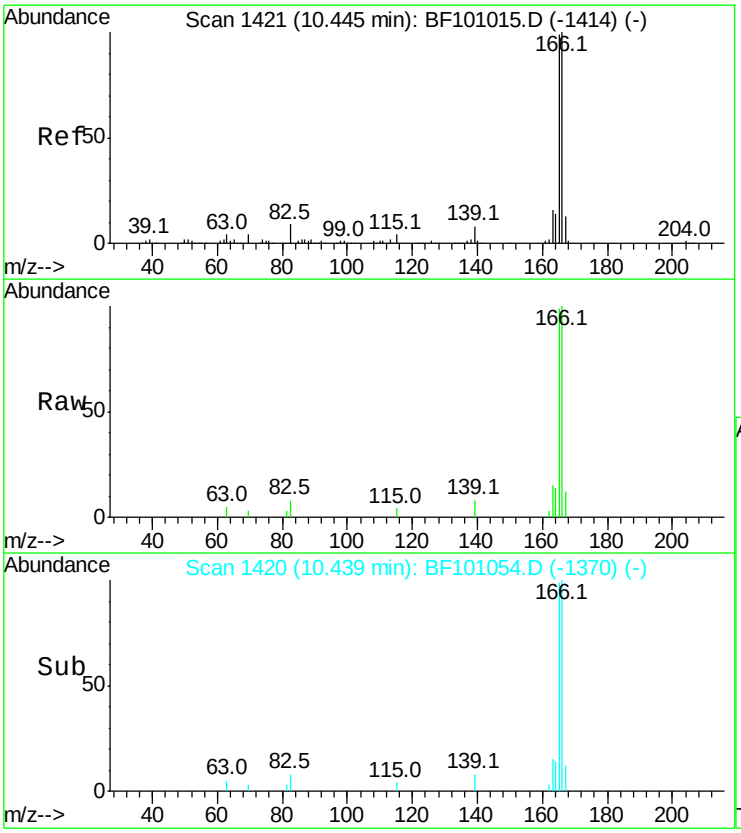
#56
2,4-Dinitrotoluene
Concen: 5.407 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8343

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

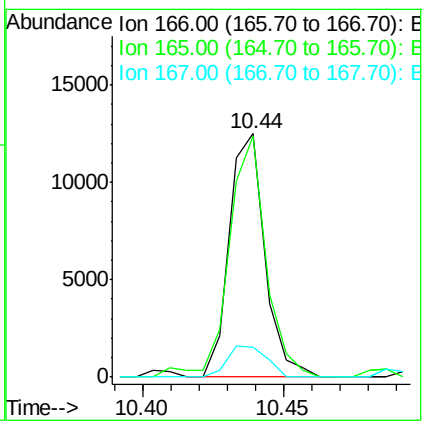


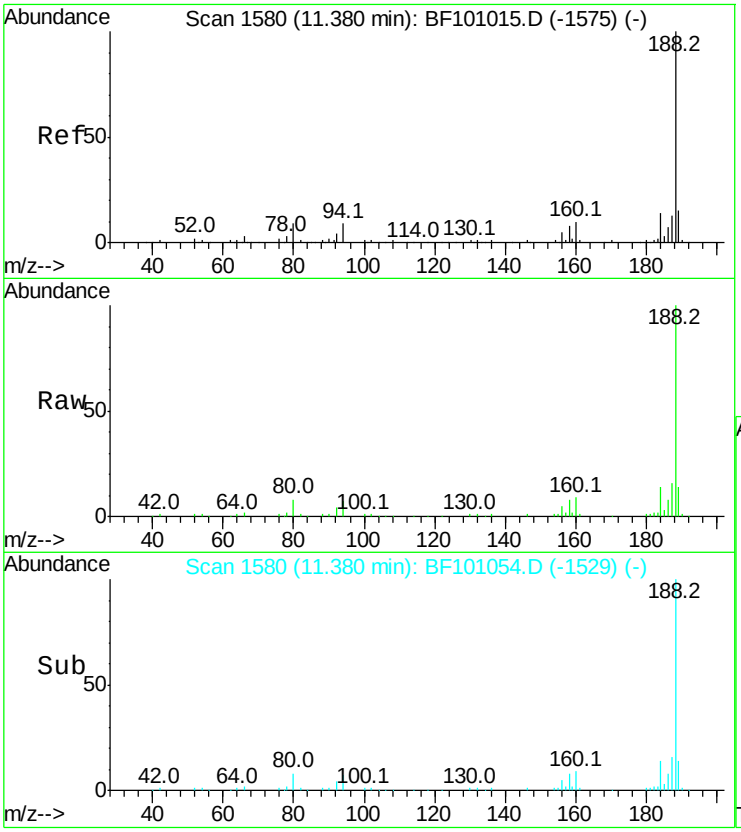


#57
Fluorene
Concen: 2.148 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:166 Resp: 10921

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.8	119.8
167	12.2	10.6	16.0



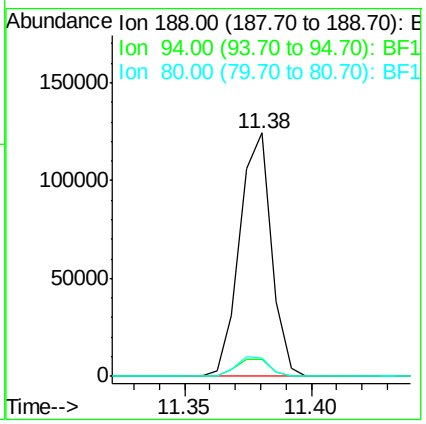


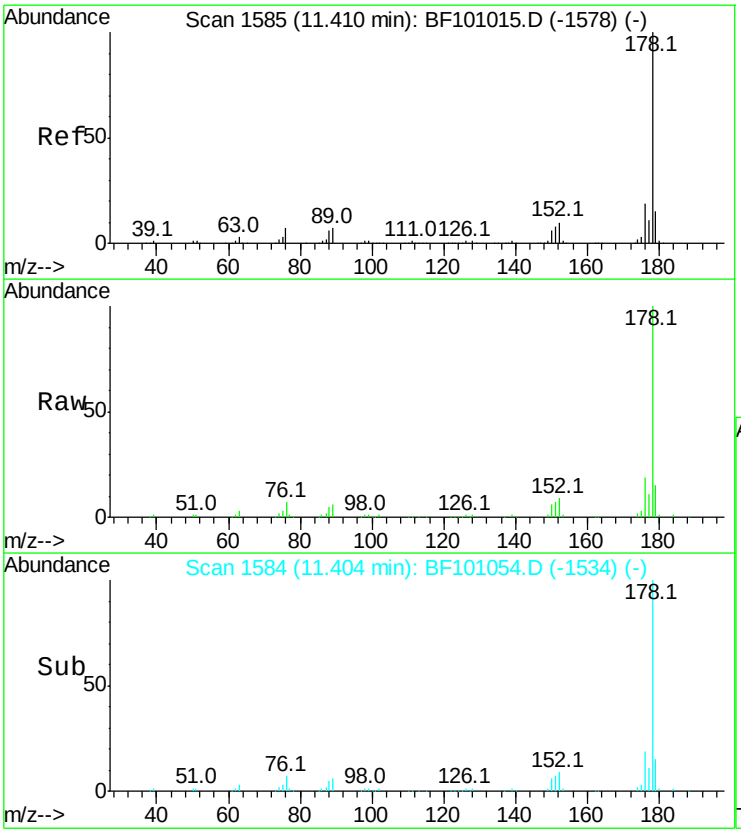
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 108577

Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	7.5	9.2	13.8#

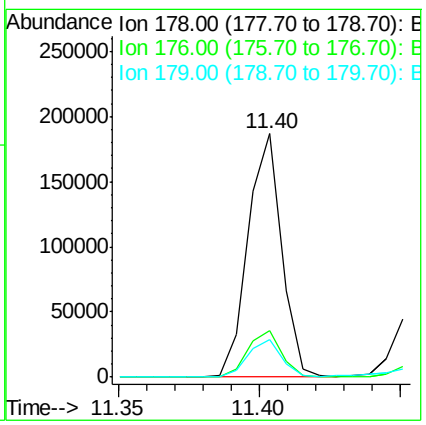


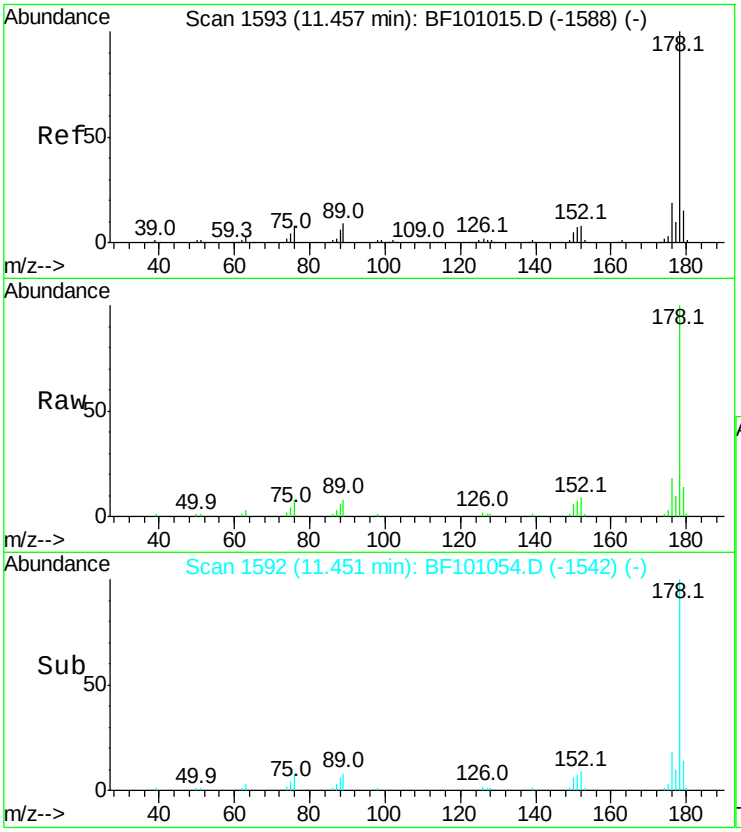


#70
Phenanthrene
Concen: 25.868 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:178 Resp: 154672

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



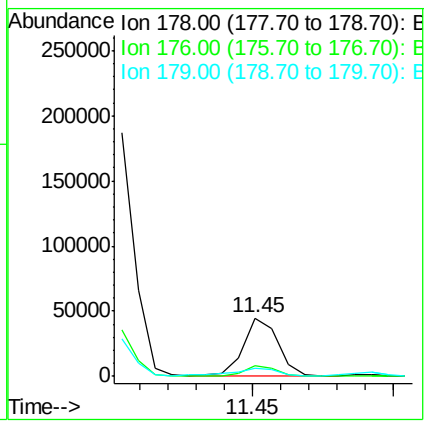


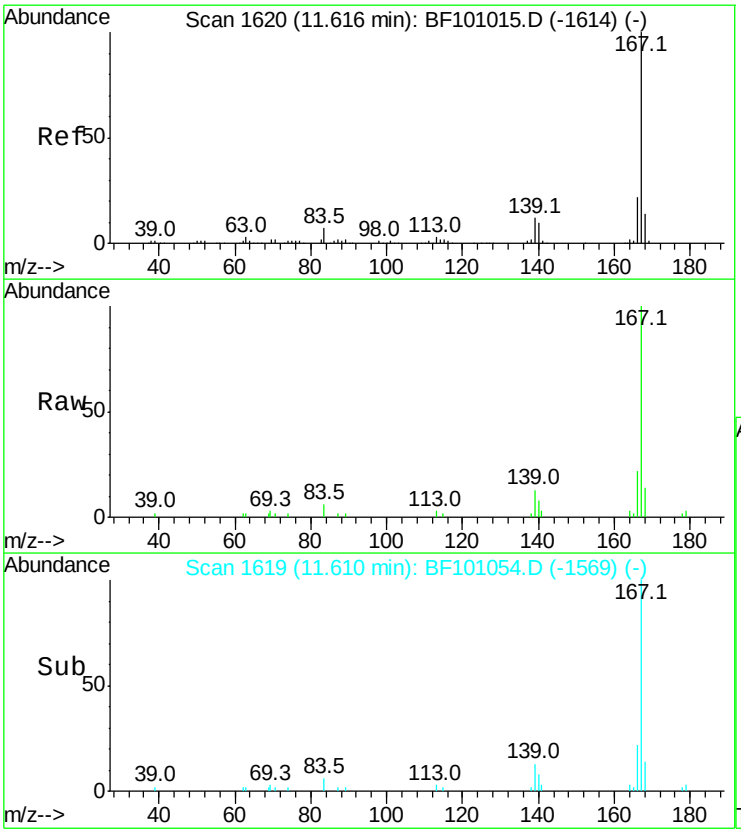
#71
Anthracene
Concen: 6.188 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 37449

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	14.4	12.6	19.0

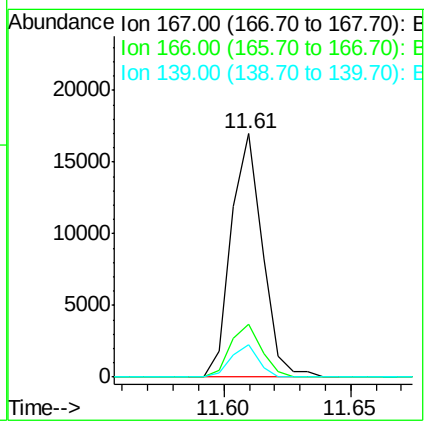


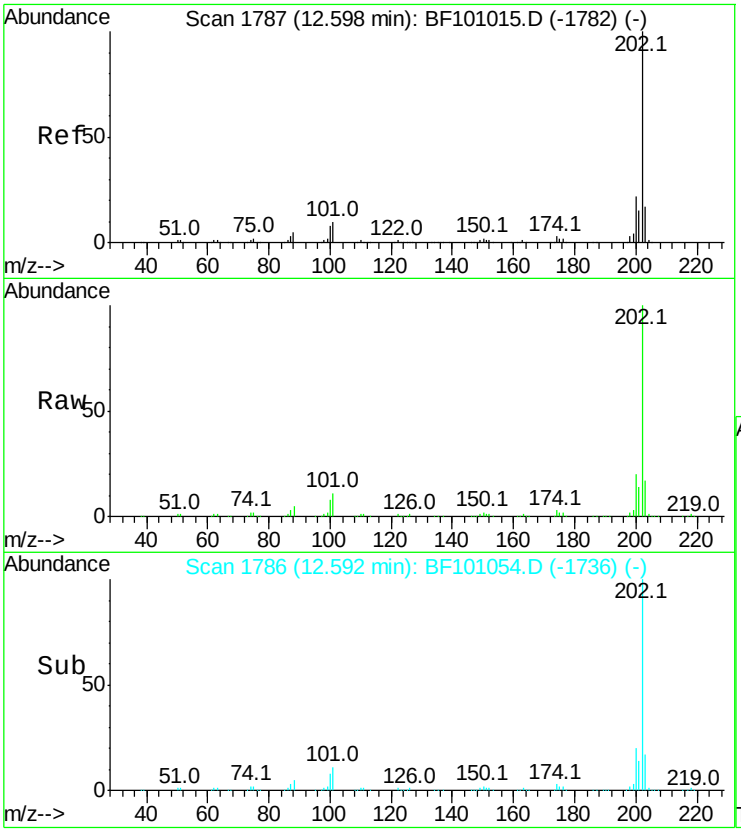


#72
Carbazole
Concen: 2.632 ng
RT: 11.61 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:167 Resp: 14554

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.6	26.4
139	13.1	10.9	16.3



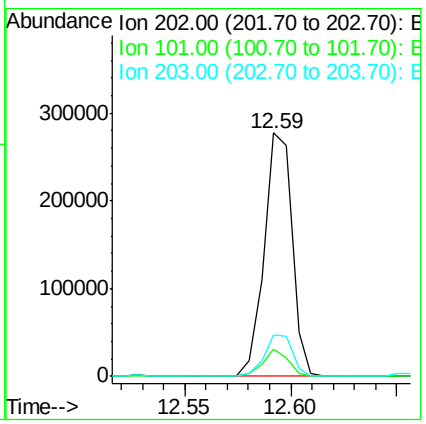


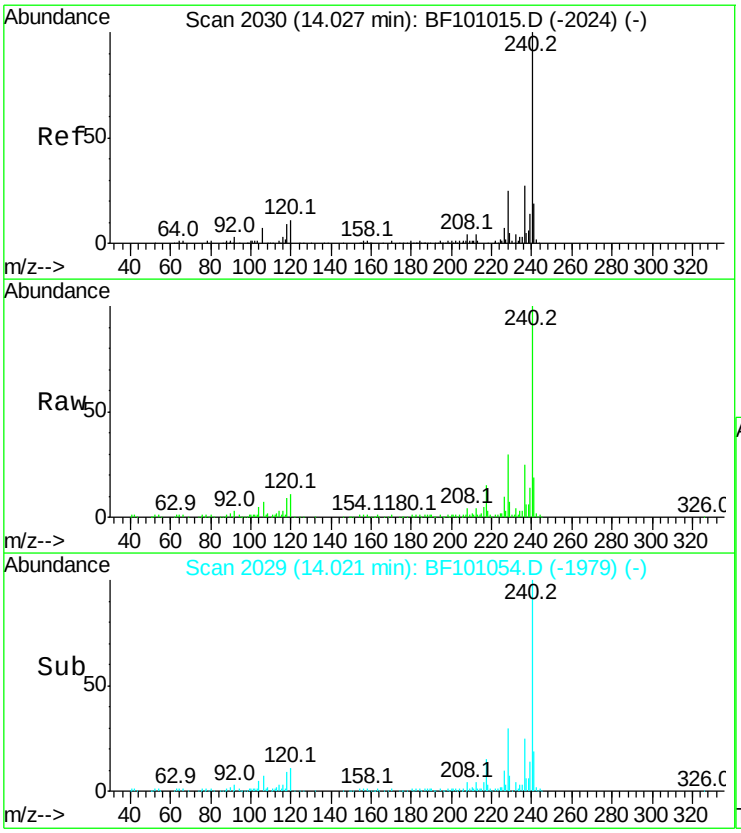
#74
Fluoranthene
Concen: 38.566 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 255614

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.1
203	17.1	0.0	38.1

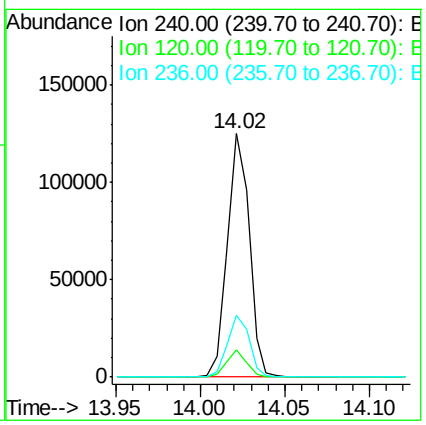


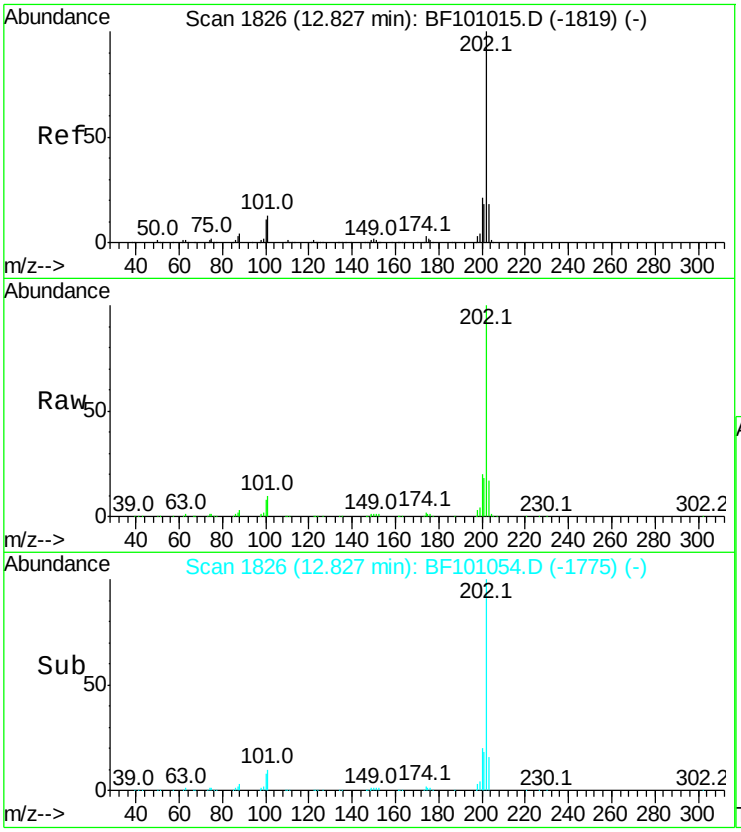


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:240 Resp: 112437

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.4	20.7	31.1



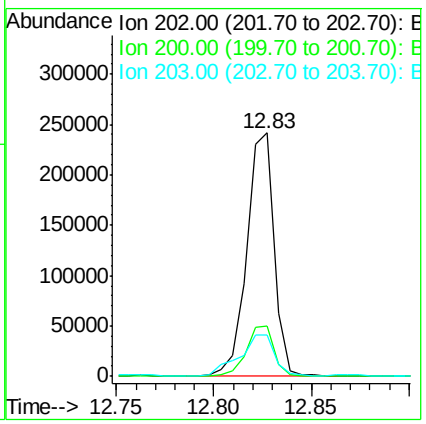


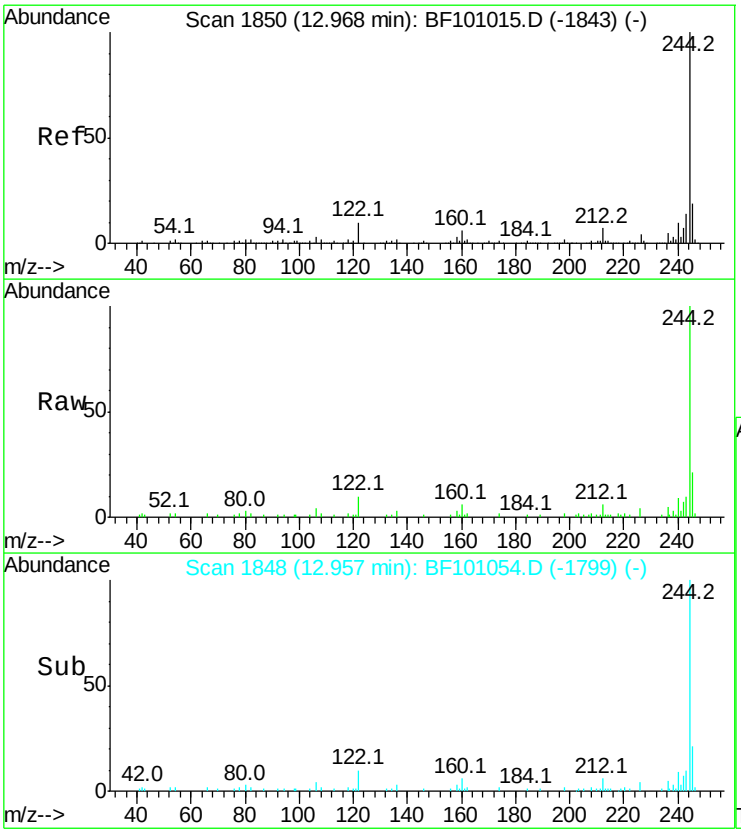
#77
Pyrene
Concen: 30.356 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.00 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 235520

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	16.8	14.3	21.5

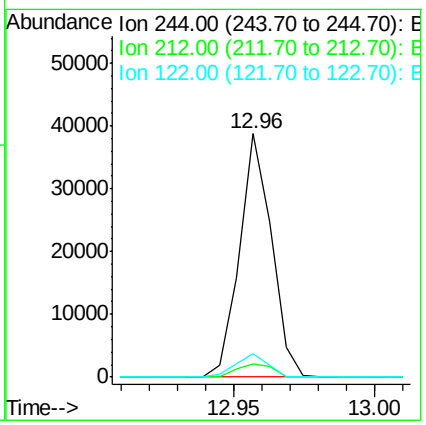


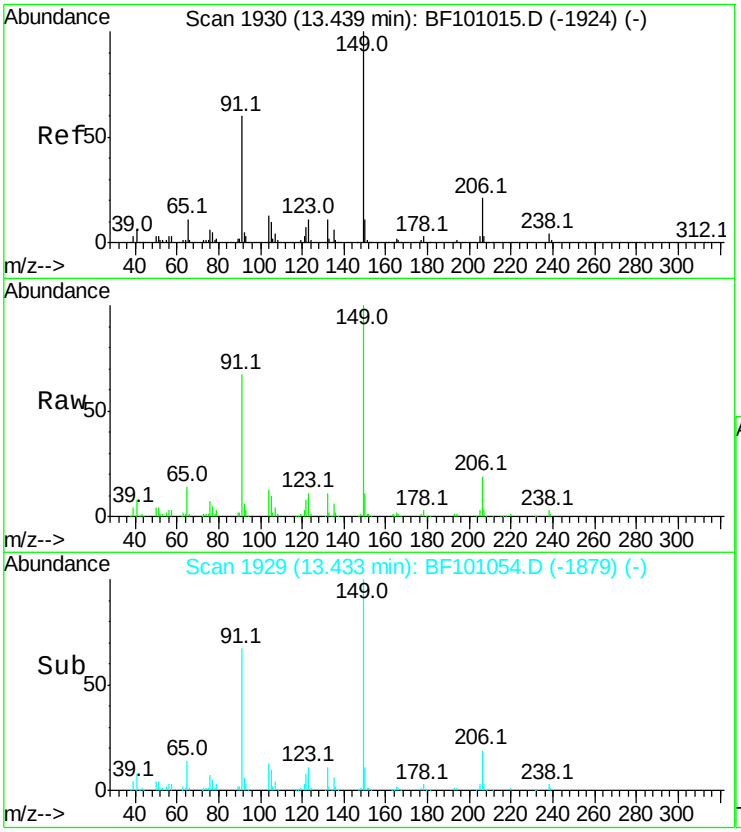


#78
Terphenyl-d14
Concen: 5.915 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:244 Resp: 30408

Ion	Ratio	Lower	Upper
244	100		
212	5.7	5.4	8.0
122	9.5	11.0	16.4#



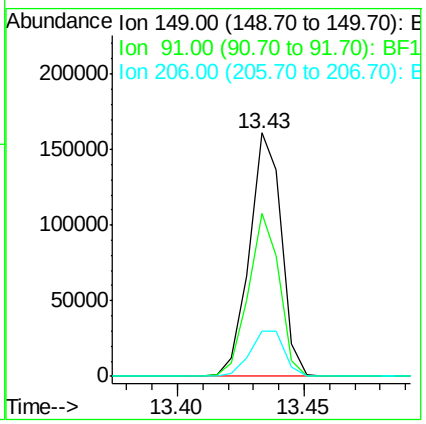


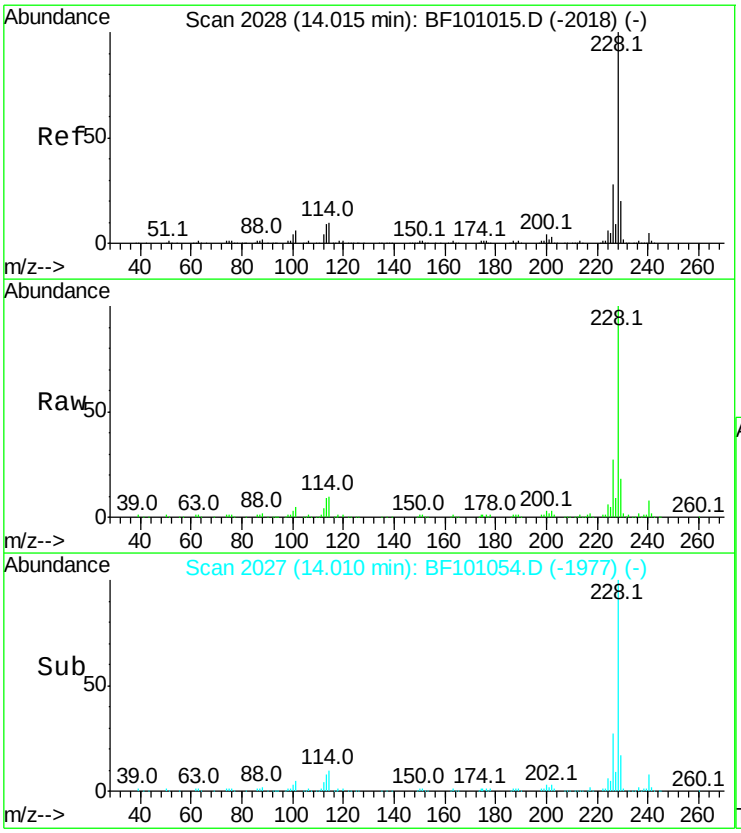
#79
Butylbenzylphthalate
Concen: 41.182 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 140868

Ion	Ratio	Lower	Upper
149	100		
91	67.1	56.8	85.2
206	18.8	14.1	21.1

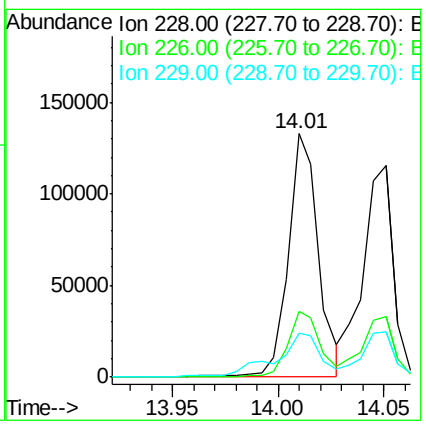


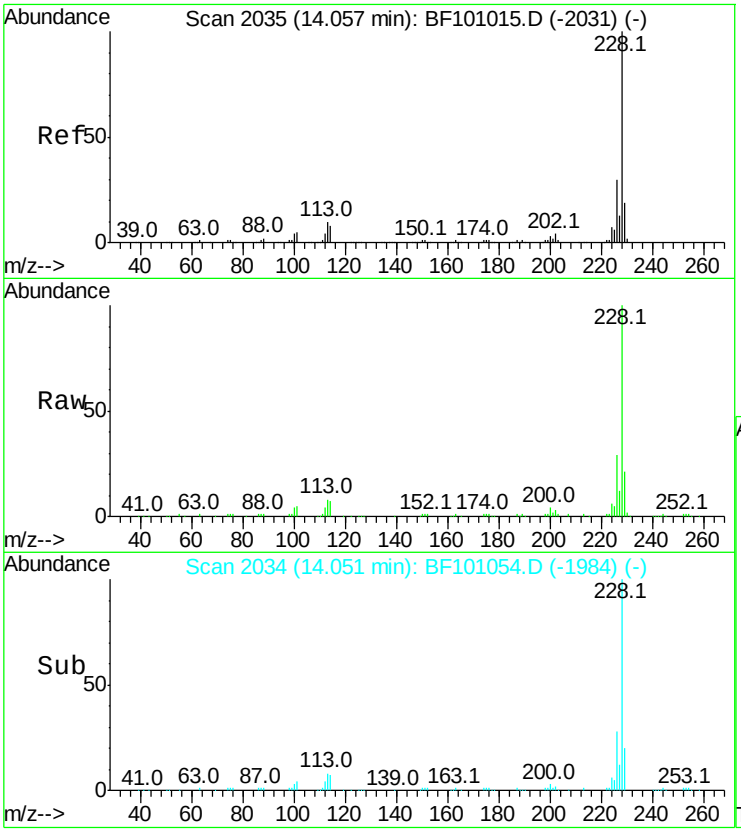


#80
Benzo(a)anthracene
Concen: 18.644 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:228 Resp: 132356

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	18.1	15.8	23.6



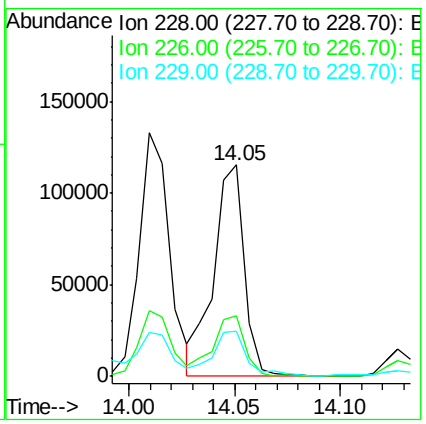


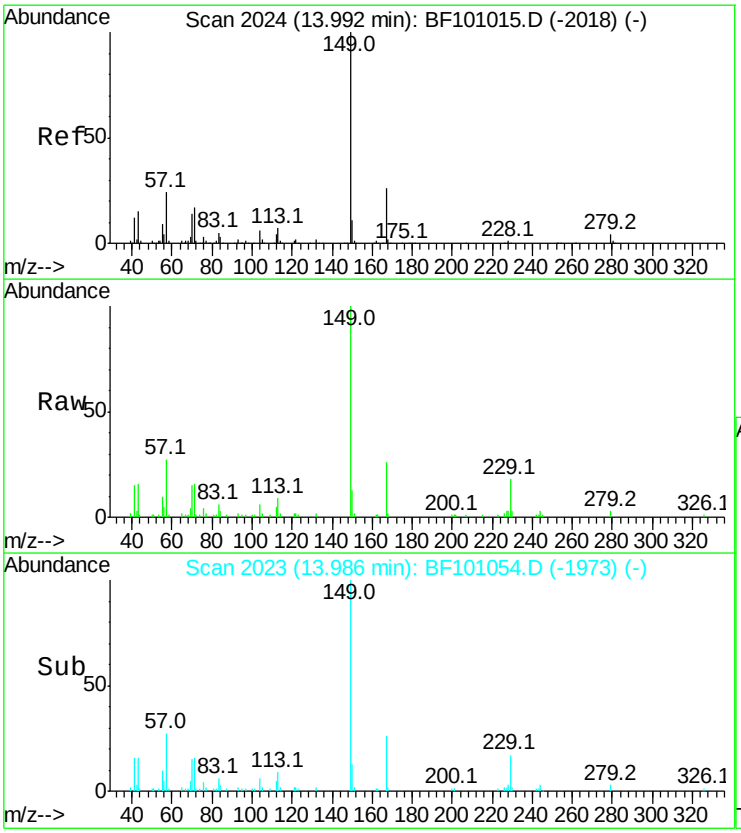
#82
Chrysene
Concen: 17.659 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 116428

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	21.4	16.2	24.4

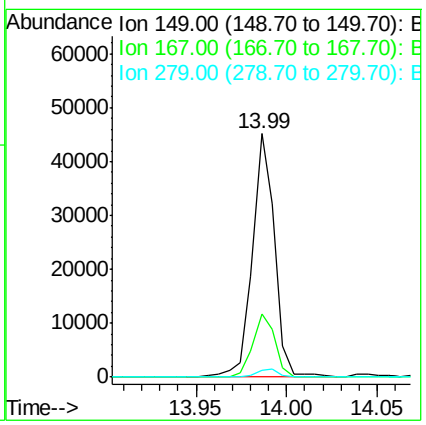


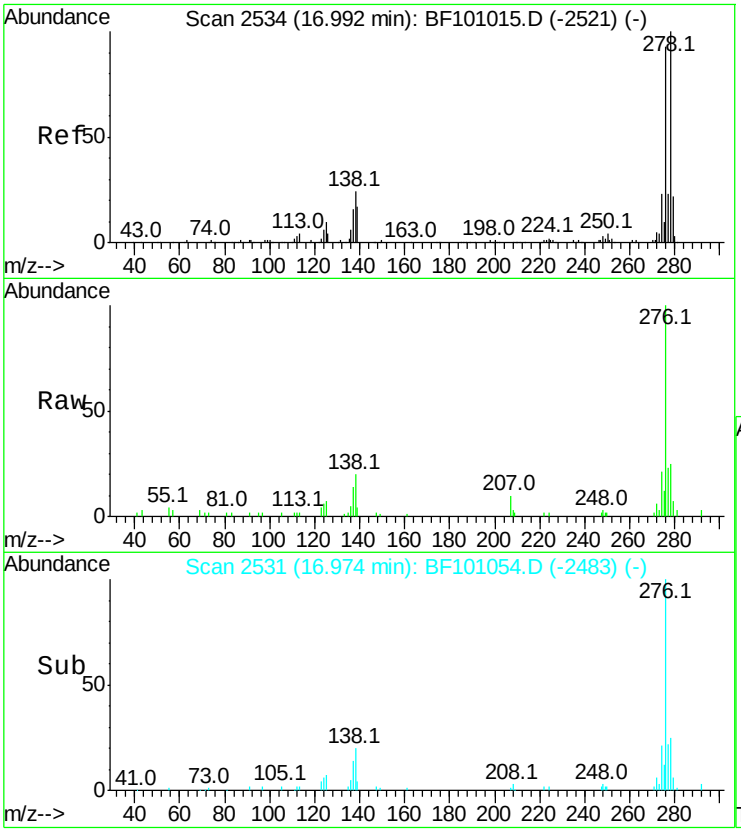


#83
Bis(2-ethylhexyl)phthalate
Concen: 7.862 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:149 Resp: 38343

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.9	3.0	4.4#



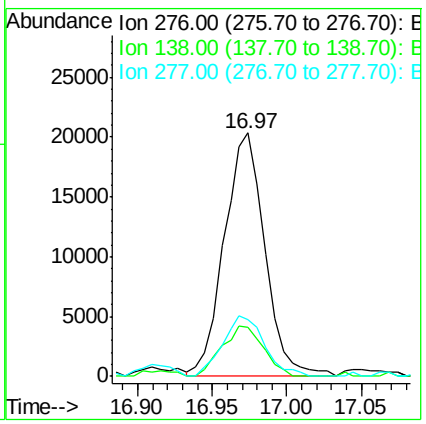


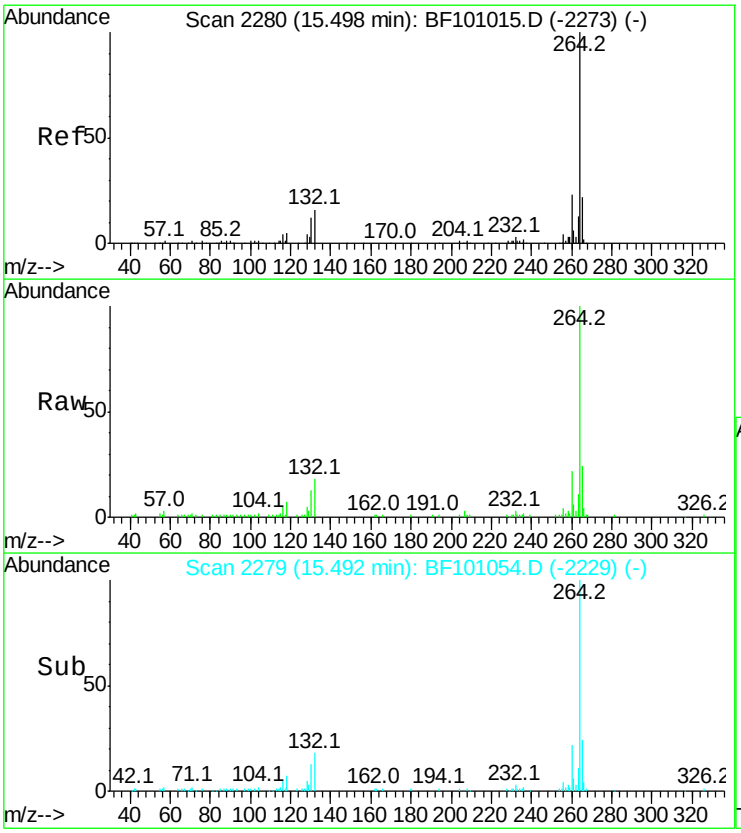
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.591 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 38636

Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.7	20.1	30.1

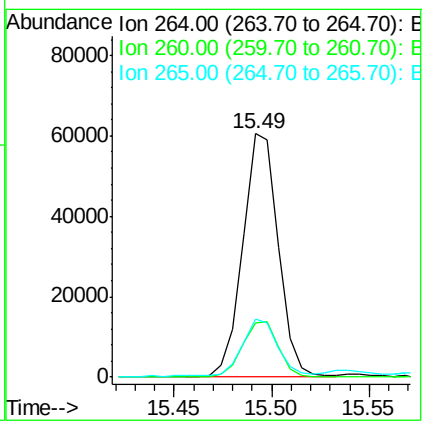


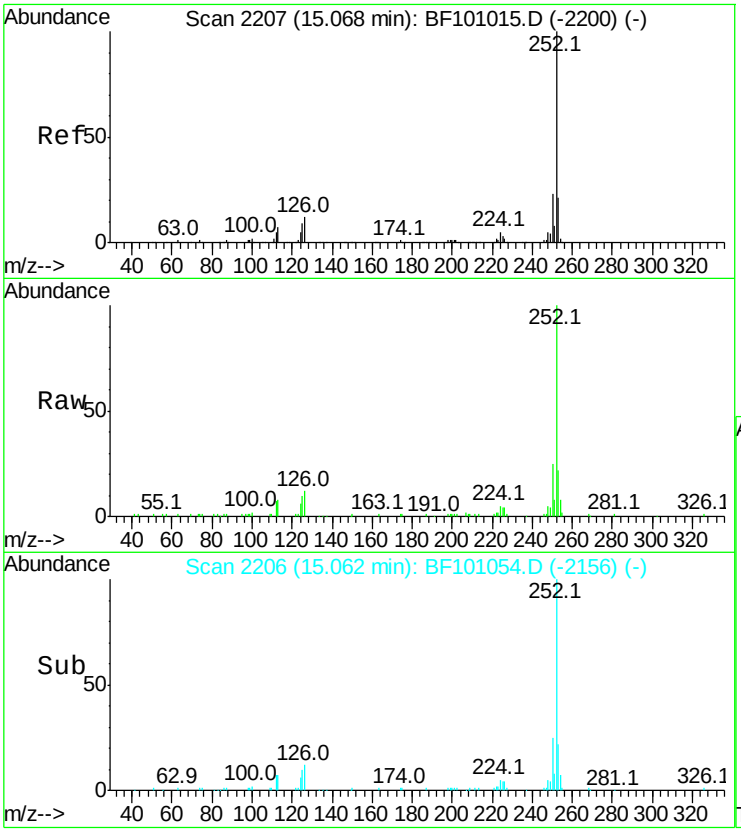


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:264 Resp: 76380

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	23.7	17.5	26.3



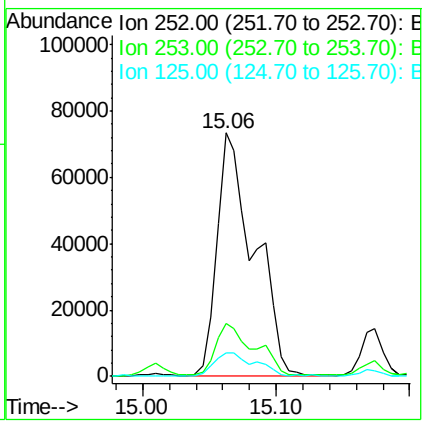


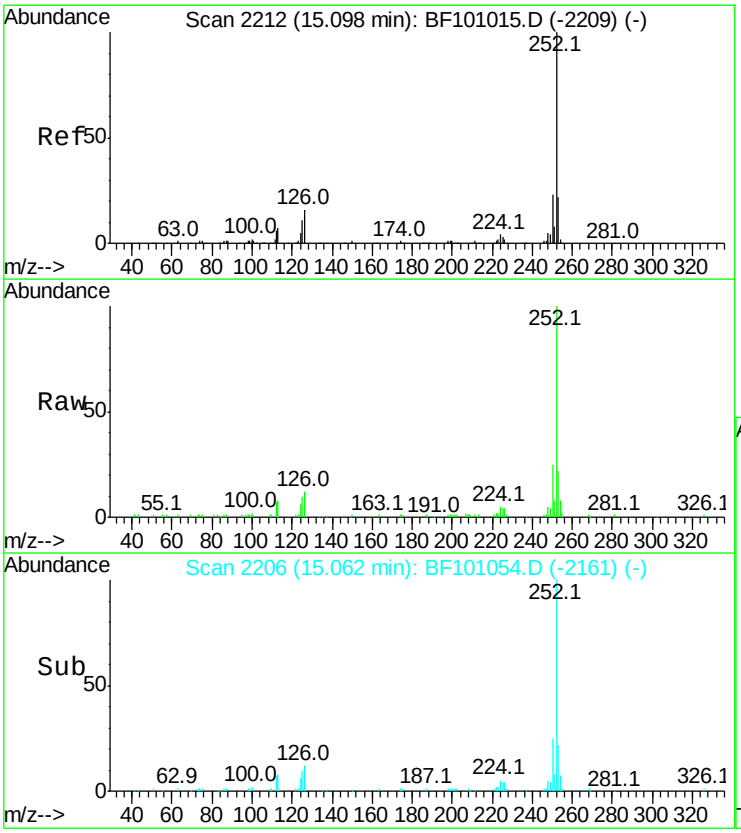
#87
Benzo(b)fluoranthene
Concen: 31.199 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 142735

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	9.6	9.0	13.6

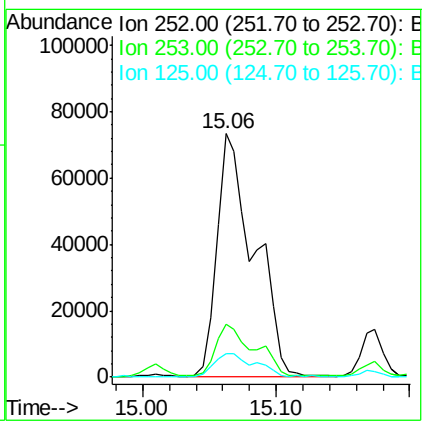


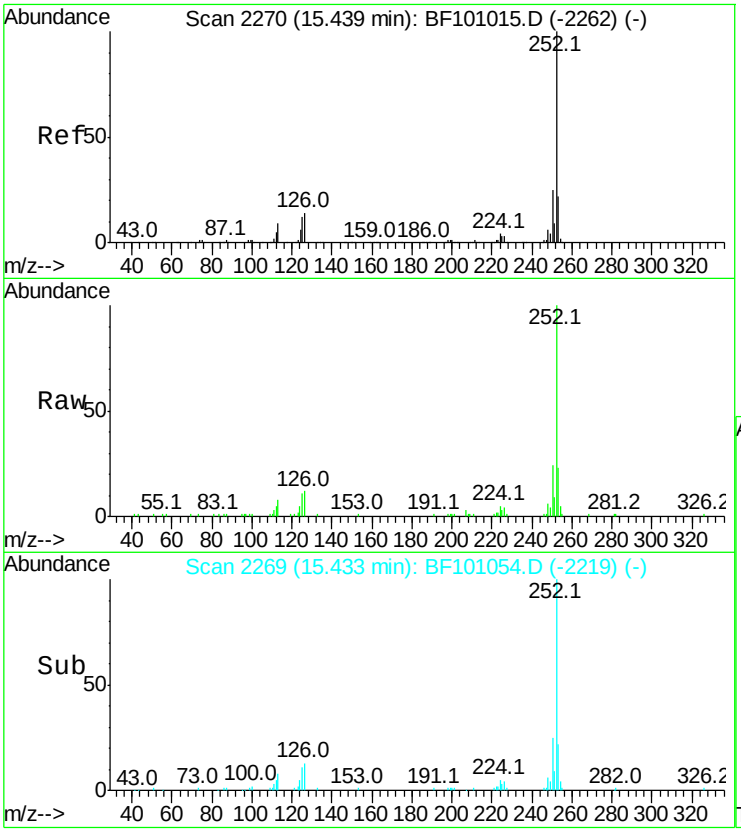


#88
Benzo(k)fluoranthene
Concen: 31.667 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.04 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:252 Resp: 142735

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	9.6	10.2	15.2#



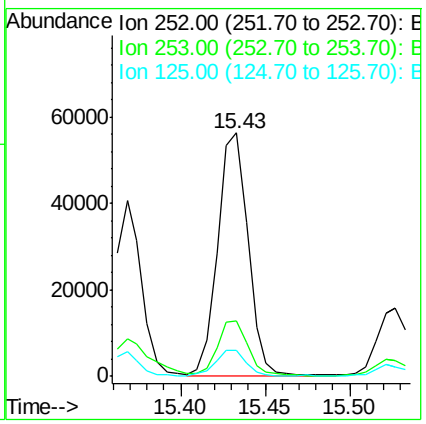


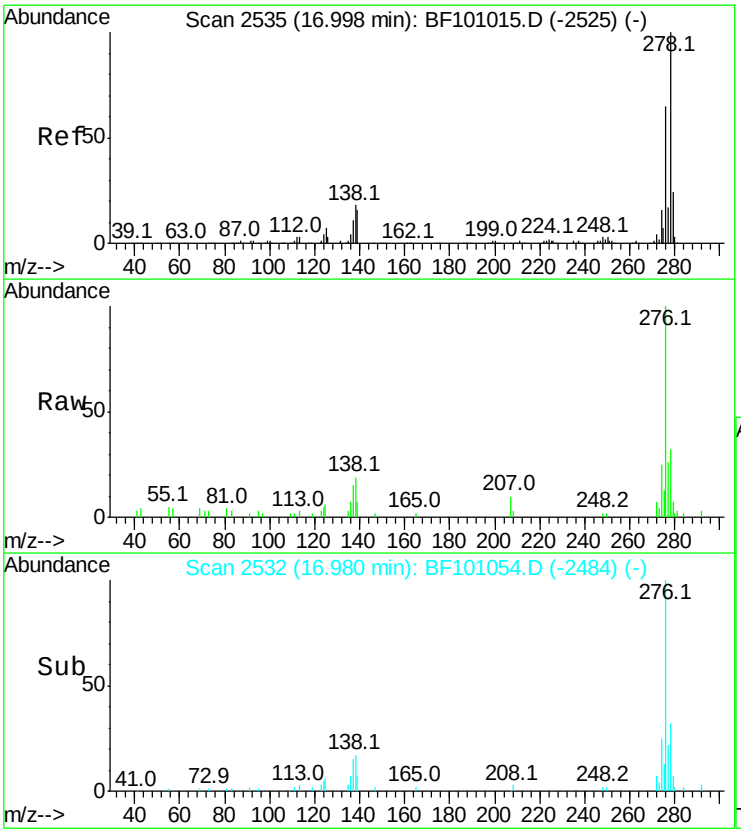
#89
Benzo(a)pyrene
Concen: 17.125 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 71228

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	10.7	9.8	14.6

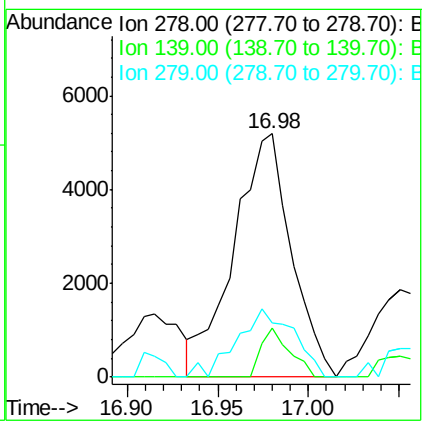


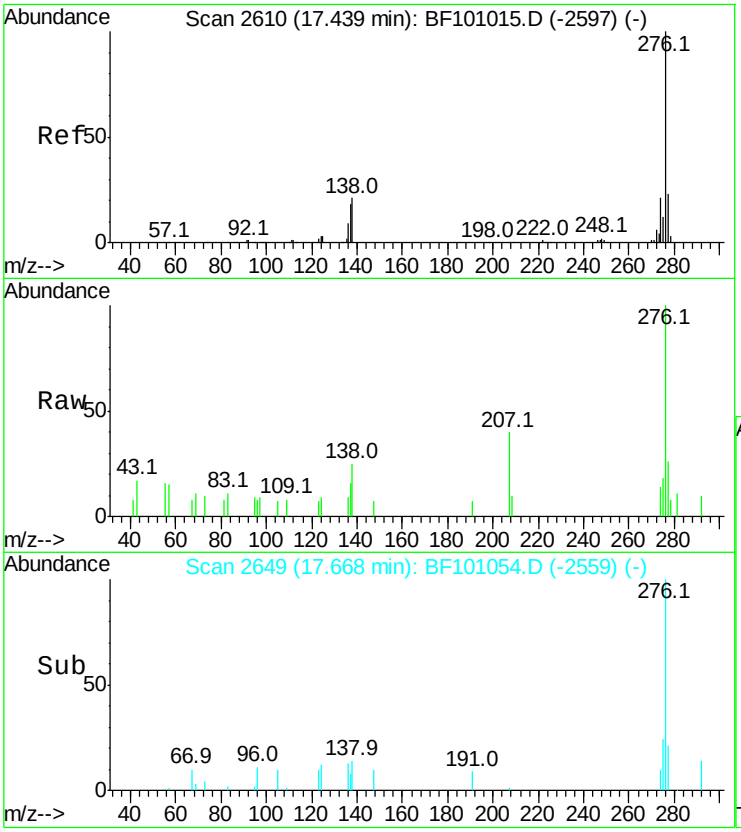


#90
Dibenzo(a,h)anthracene
Concen: 3.135 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Tgt Ion:278 Resp: 11494

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.9	23.9
279	22.2	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 2.773 ng
RT: 17.67 min Scan# 2649
Delta R.T. 0.23 min
Lab File: BF101054.D
Acq: 1 Dec 2017 9:30

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 9583

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	24.9	21.8	32.8