Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098366.D
Acq On : 8 Sep 2017 22:30
Operator : SJ/JU
Sample : I5113-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RL-3-0-11.75

Quant Time: Sep 09 00:01:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	94610	20.00	ng		-0.02
21) Naphthalene-d8	7.96	136	326364	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	119724	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	201543	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	221825	20.00	ng		-0.02
86) Perylene-d12	15.24	264	161100	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	55395	8.91	ng		-0.02
7) Phenol-d6	6.33	99	78337	9.27	ng		-0.02
23) Nitrobenzene-d5	7.25	82	41408	6.89	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	8034	7.73	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	69730	8.56	ng		-0.03
78) Terphenyl-d14	12.78	244	52248	4.91	ng		-0.03
Target Compounds							Qvalue
25) Isophorone	7.25	82	41407	3.315	ng	#	67
50) 2,6-Dinitrotoluene	9.72	165	15654	8.961	ng	#	31
51) Acenaphthene	9.75	154	30198	3.780	ng		93
55) 4-Nitrophenol	9.92	139	7950	4.422	ng	#	25
56) 2,4-Dinitrotoluene	9.72	165	15654	7.141	ng	#	31
57) Fluorene	10.26	166	32881	3.972	ng		93
70) Phenanthrene	11.23	178	404788	37.691	ng		98
71) Anthracene	11.27	178	110499	10.144	ng		98
72) Carbazole	11.43	167	55540	5.372	ng		94
74) Fluoranthene	12.42	202	519592	46.352	ng		99
77) Pyrene	12.64	202	459193	25.310	ng		98
80) Benzo(a)anthracene	13.83	228	200372	15.071	ng		98
82) Chrysene	13.86	228	168940	12.774	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	55102	5.664	ng	#	91
87) Benzo(b)fluoranthene	14.84	252	240963	23.729	ng		98
88) Benzo(k)fluoranthene	14.84	252	240963	25.257	ng		96
89) Benzo(a)pyrene	15.19	252	124609	13.861	ng		98
91) Benzo(g,h,i)perylene	17.00	276	54800	7.176	ng		93

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

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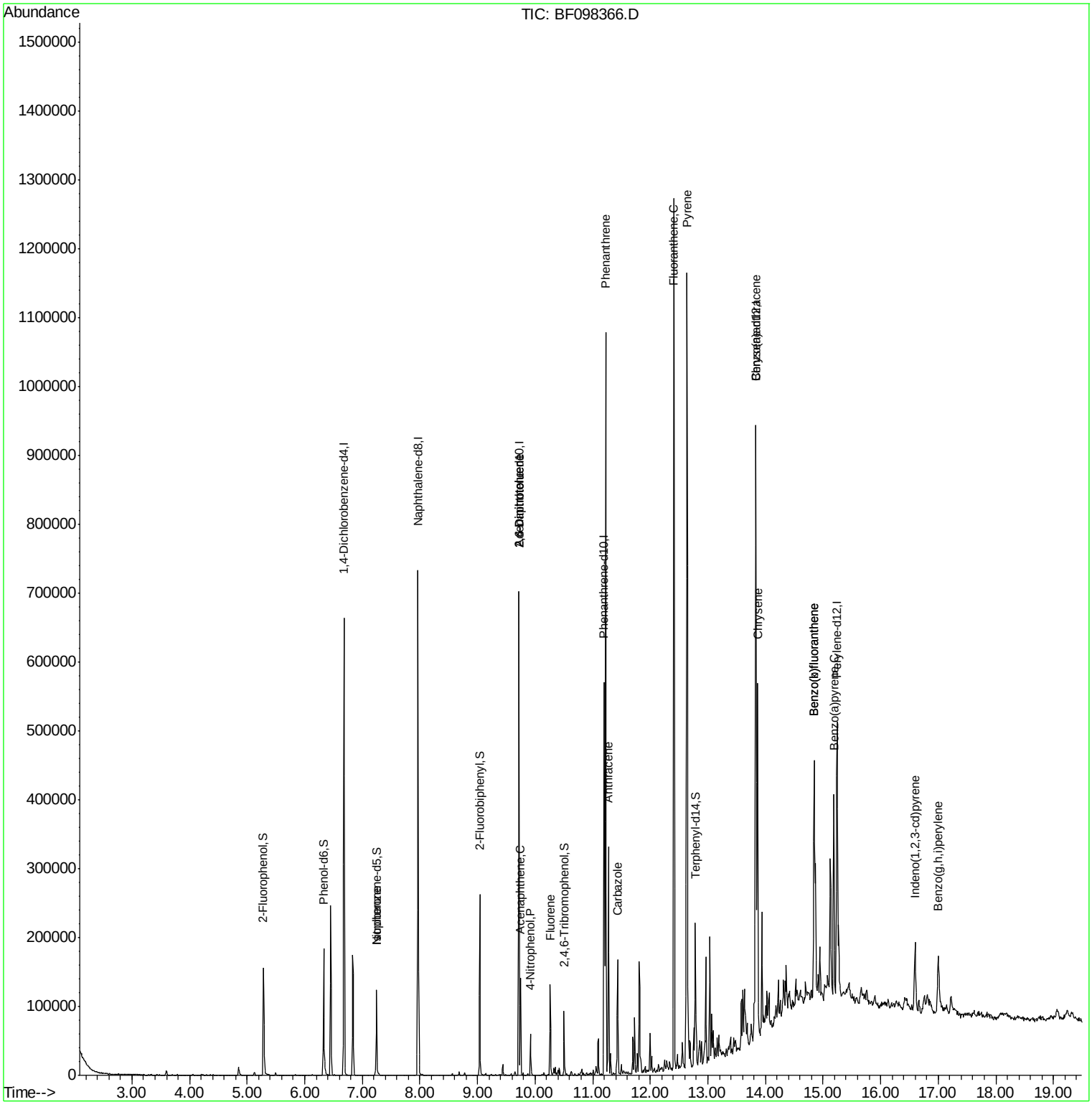
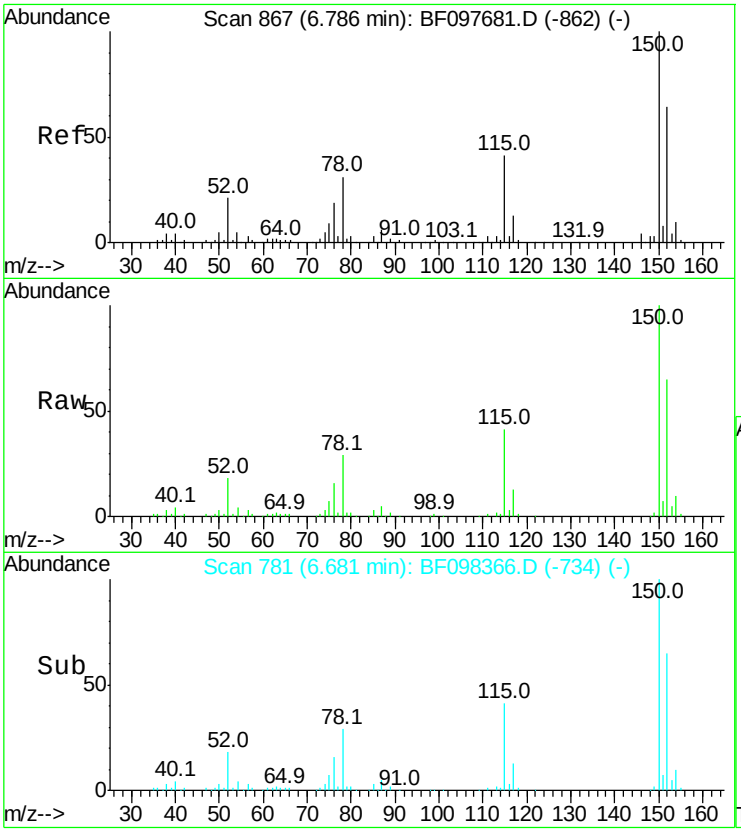


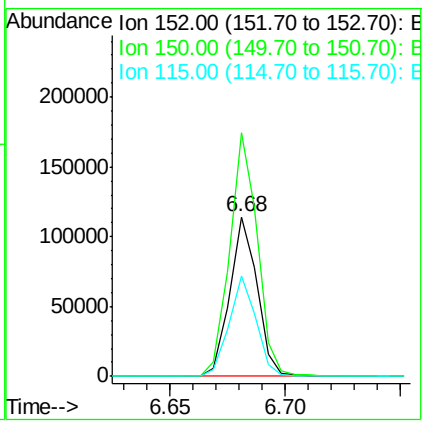


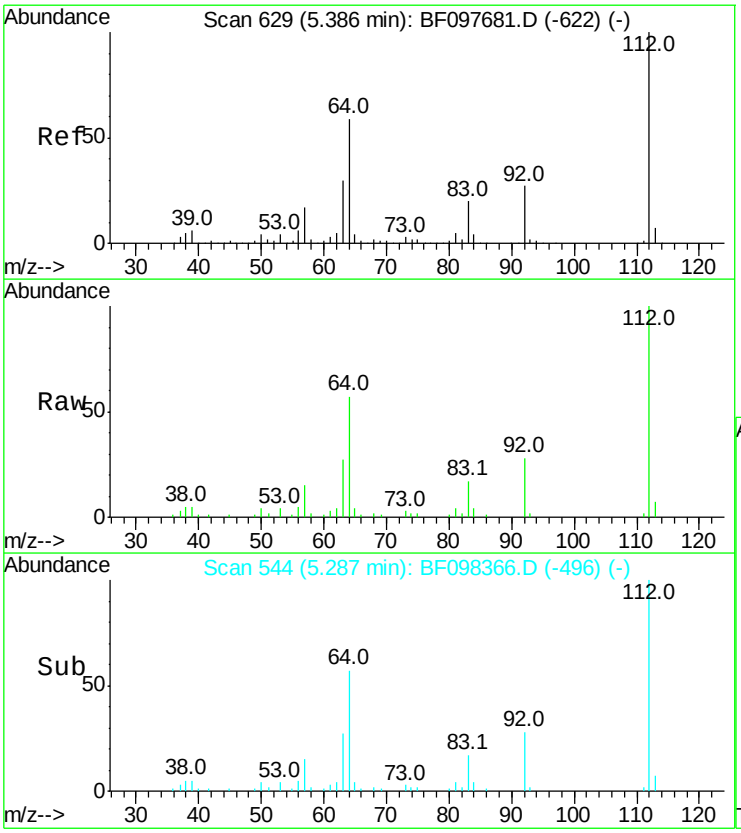
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:152 Resp: 94610

Ion	Ratio	Lower	Upper
152	100		
150	153.0	126.2	189.2
115	63.4	52.2	78.2

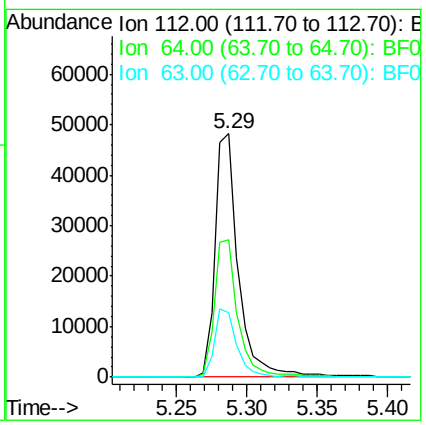


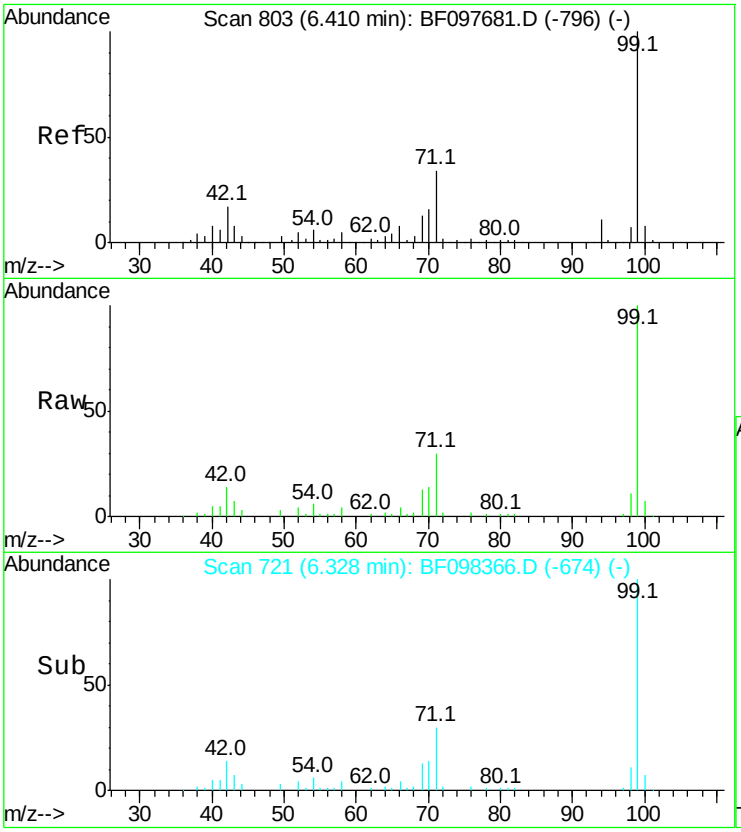


#5
2-Fluorophenol
Concen: 8.906 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:112 Resp: 55395

Ion	Ratio	Lower	Upper
112	100		
64	56.6	46.0	69.0
63	26.6	23.4	35.0



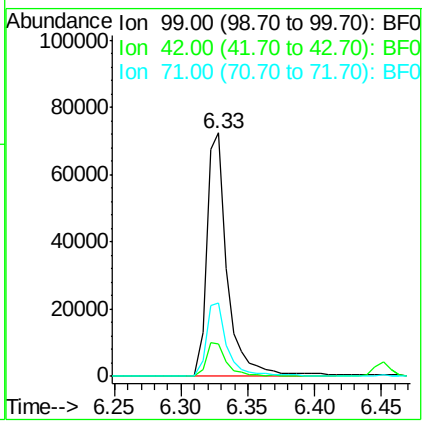


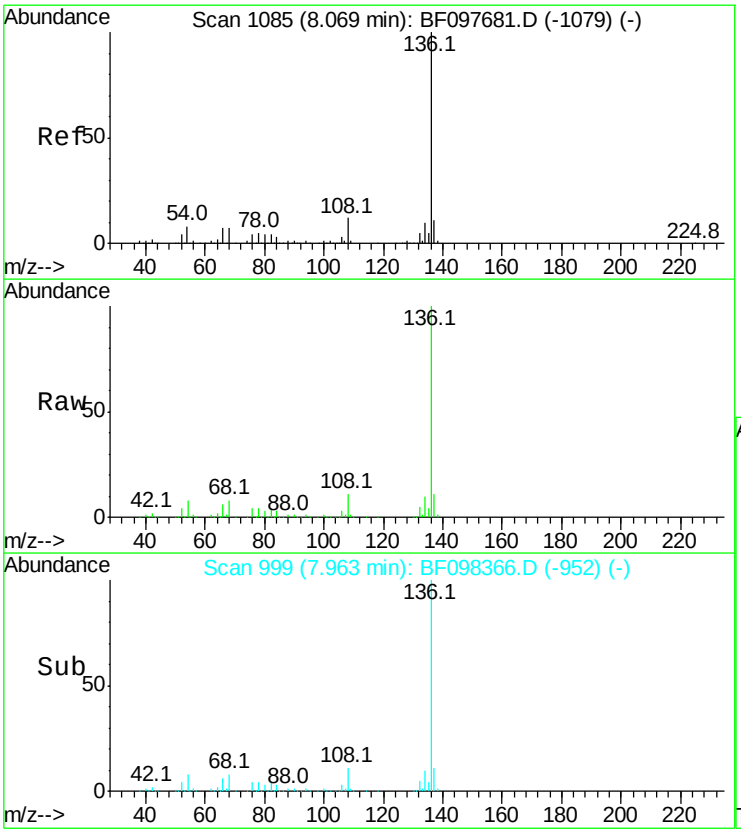
#7
Phenol-d6
Concen: 9.269 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion: 99 Resp: 78337

Ion	Ratio	Lower	Upper
99	100		
42	13.5	13.5	20.3#
71	30.3	24.5	36.7

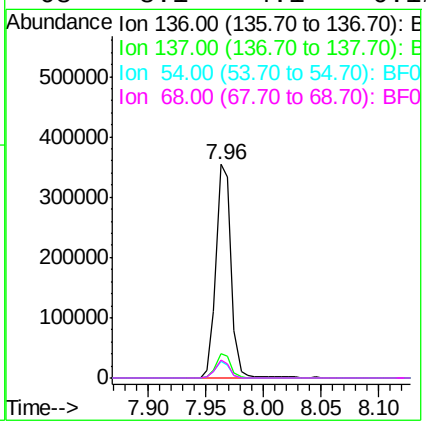


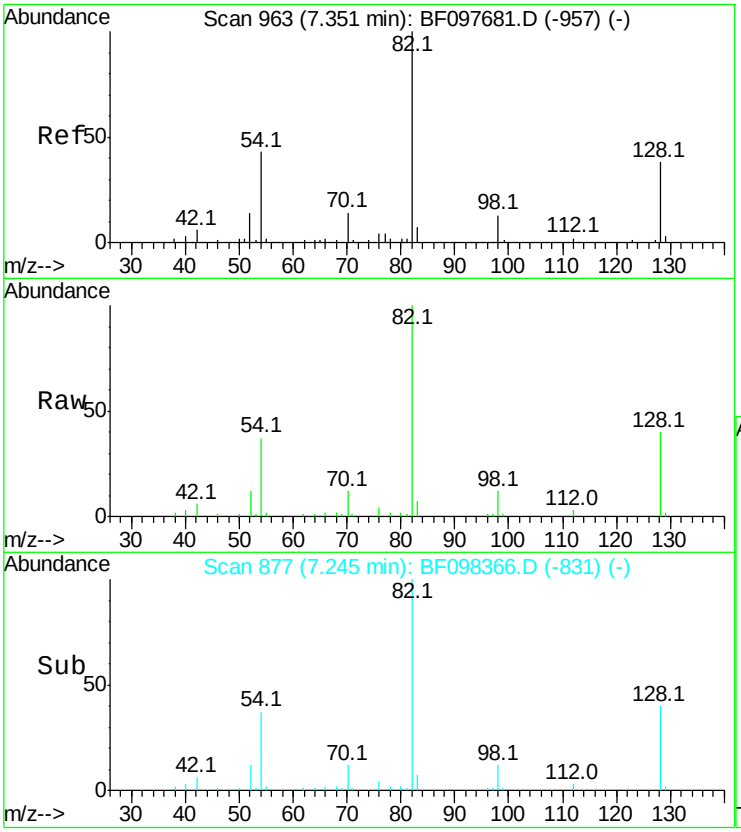


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:136 Resp: 326364

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.0	4.9	7.3#
68	8.1	4.1	6.1#



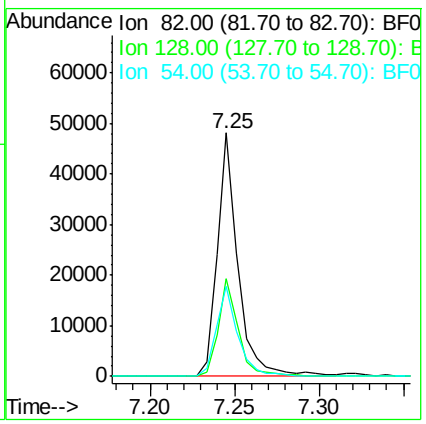


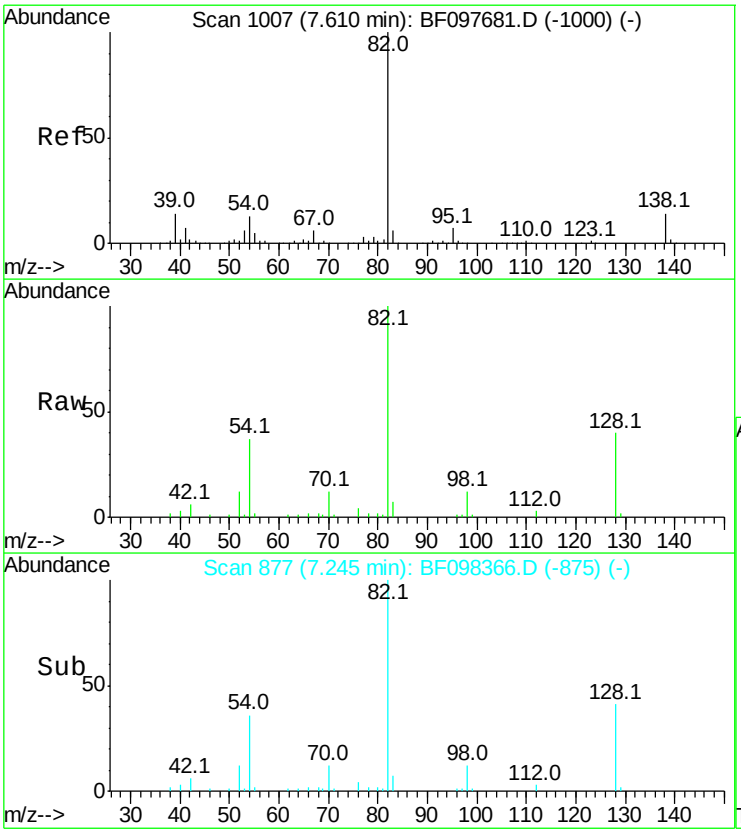
#23
Nitrobenzene-d5
Concen: 6.893 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion: 82 Resp: 41408

Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.0	51.0
54	37.2	42.2	63.2#

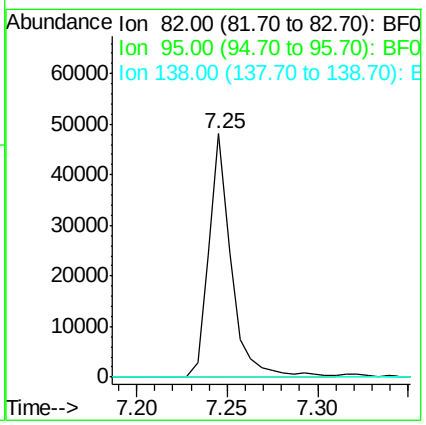


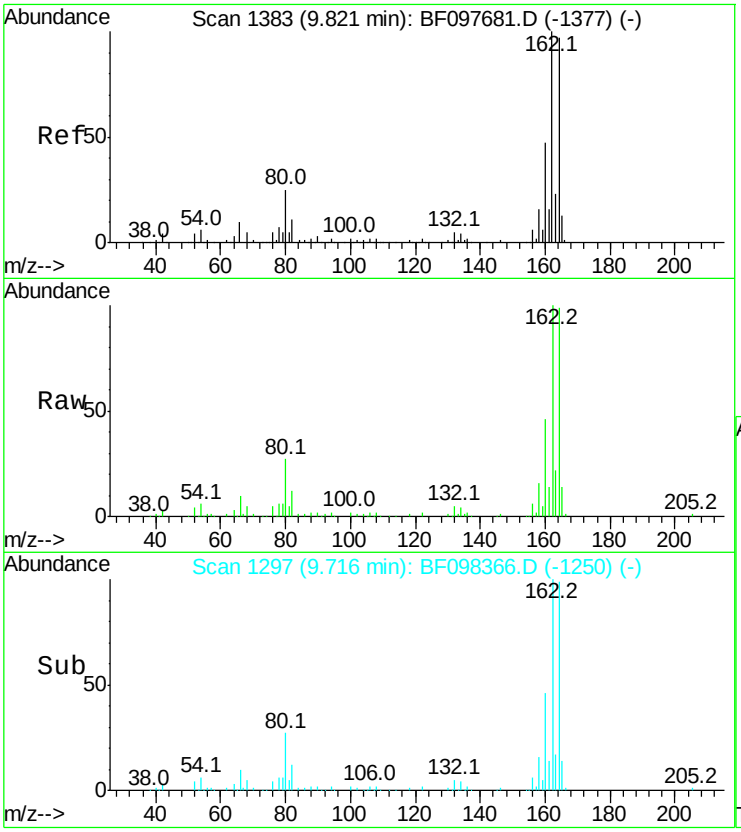


#25
Isophorone
Concen: 3.315 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.29 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion: 82 Resp: 41407

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#



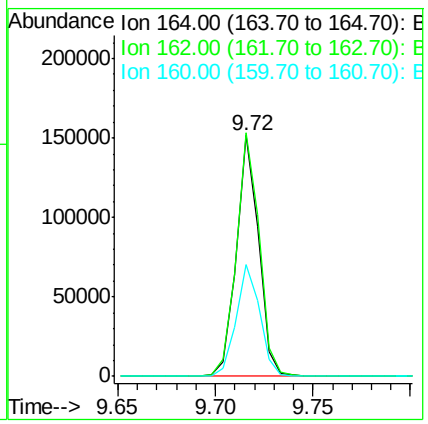


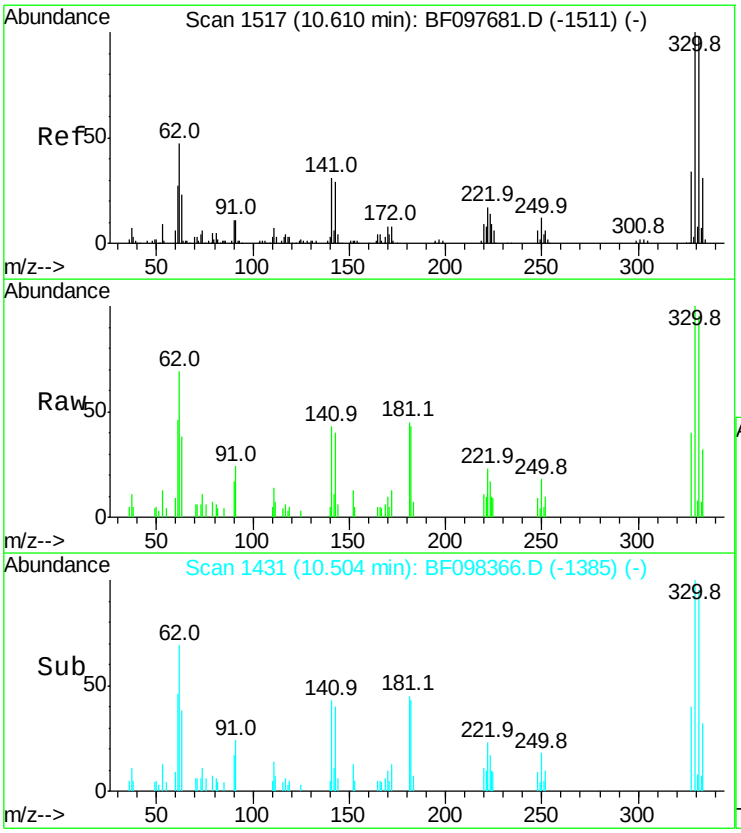
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:164 Resp: 119724

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.6	123.8
160	46.2	36.2	54.2

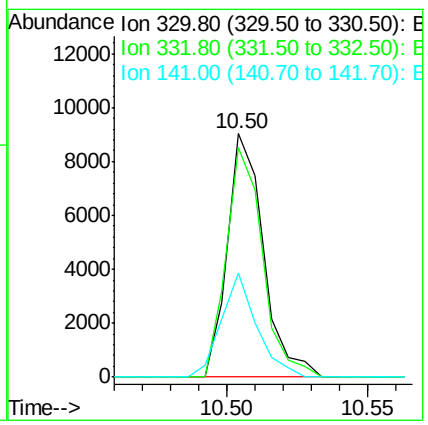


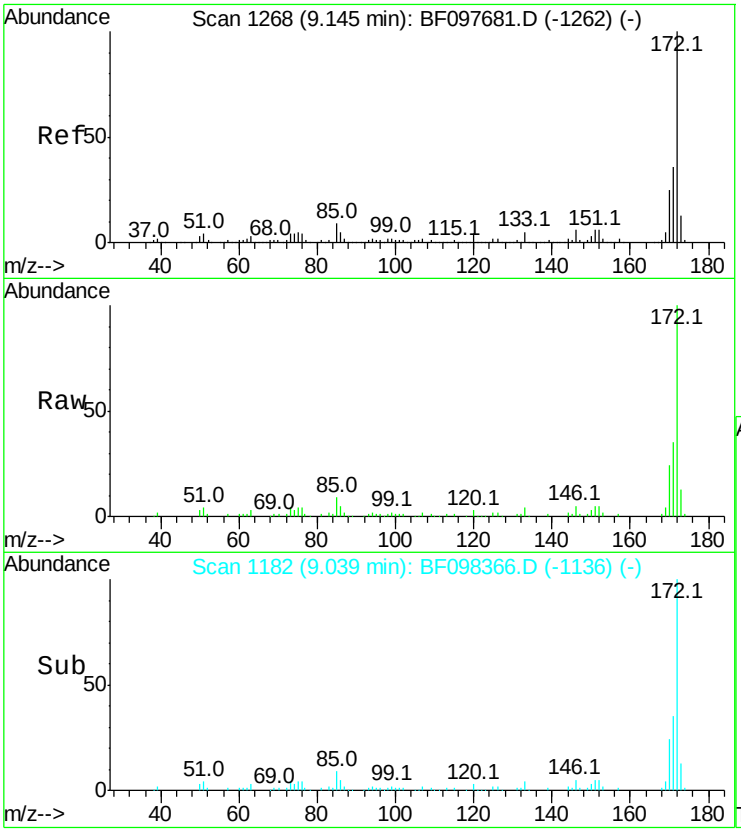


#41
2,4,6-Tribromophenol
Concen: 7.734 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:330 Resp: 8034

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	115.0
141	41.6	31.4	47.2



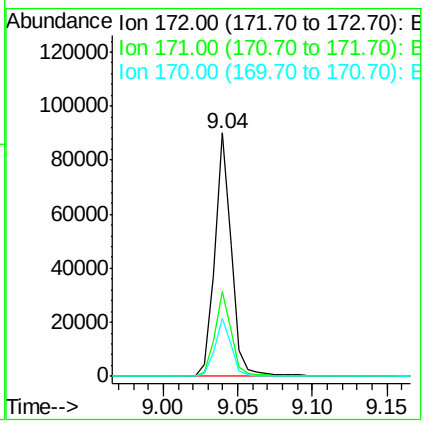


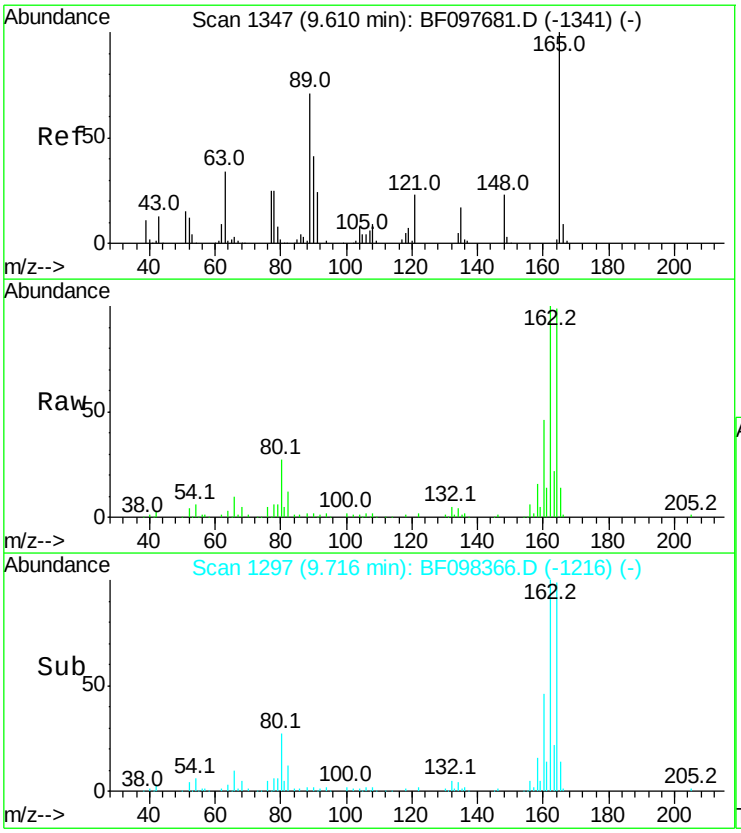
#44
2-Fluorobiphenyl
Concen: 8.557 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:172 Resp: 69730

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.6	44.4
170	23.6	19.8	29.8

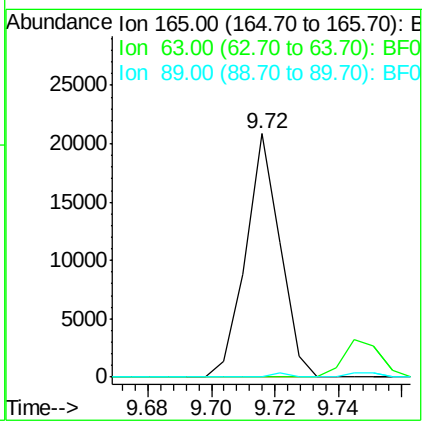


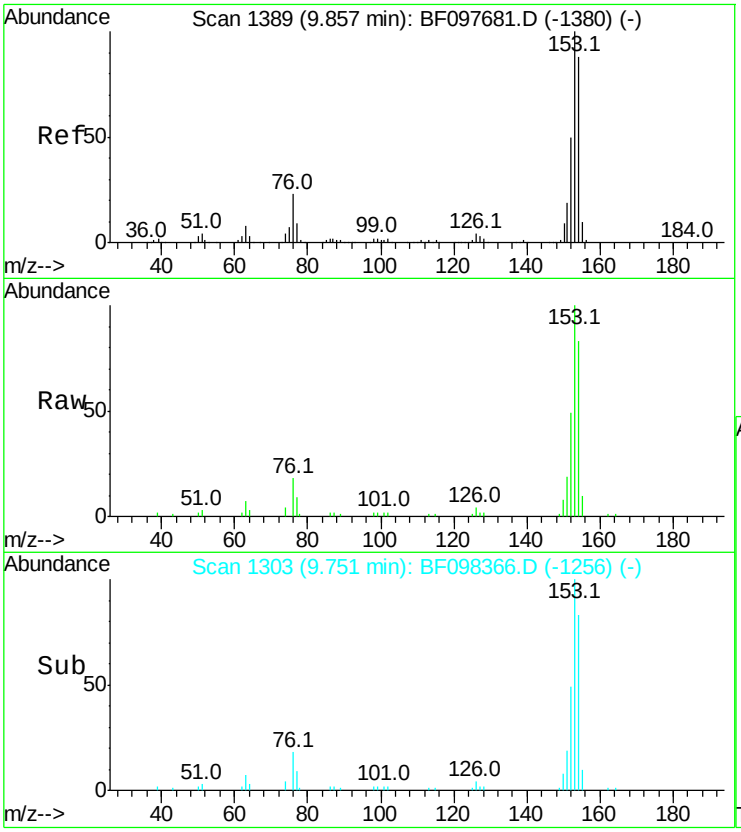


#50
2,6-Dinitrotoluene
Concen: 8.961 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.18 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:165 Resp: 15654

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



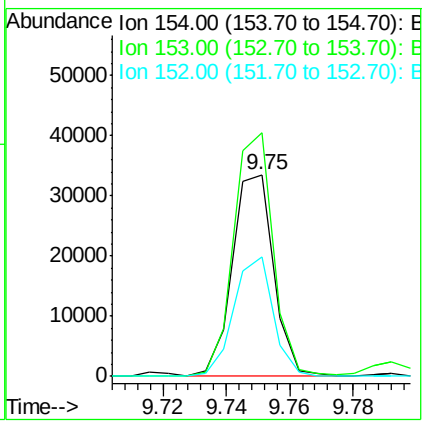


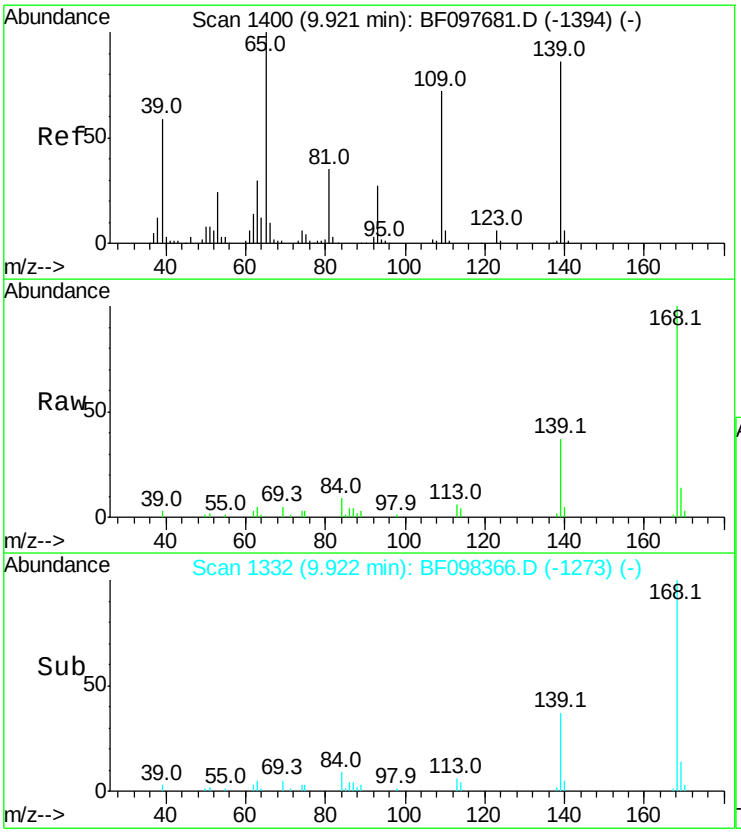
#51
Acenaphthene
Concen: 3.780 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:154 Resp: 30198

Ion	Ratio	Lower	Upper
154	100		
153	120.7	90.5	135.7
152	59.4	43.6	65.4

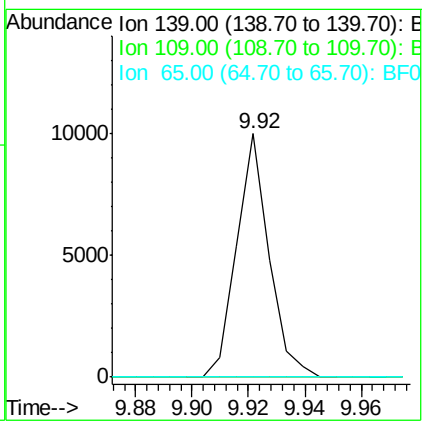


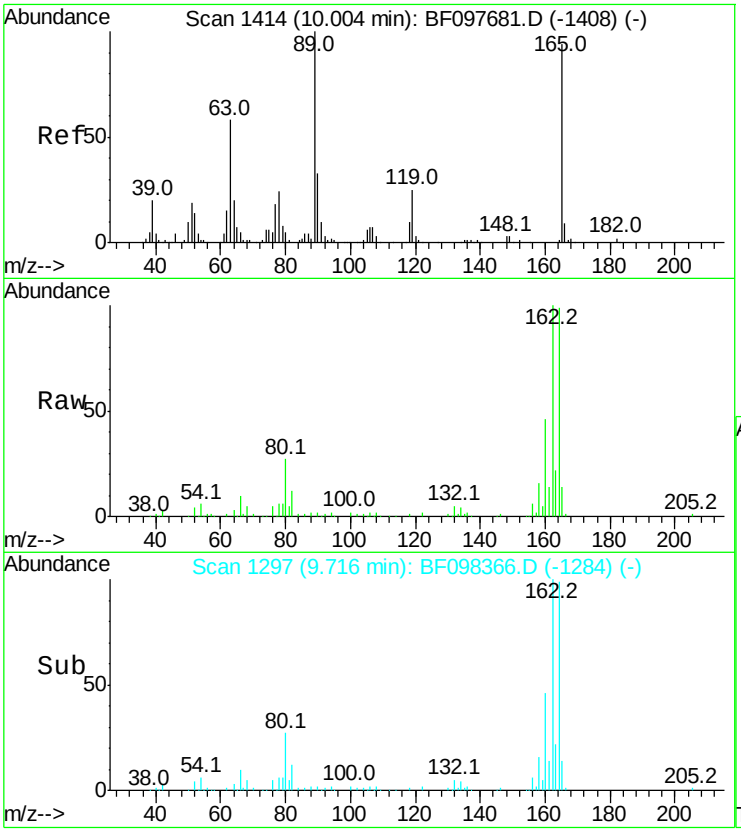


#55
4-Nitrophenol
Concen: 4.422 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.05 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:139 Resp: 7950

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



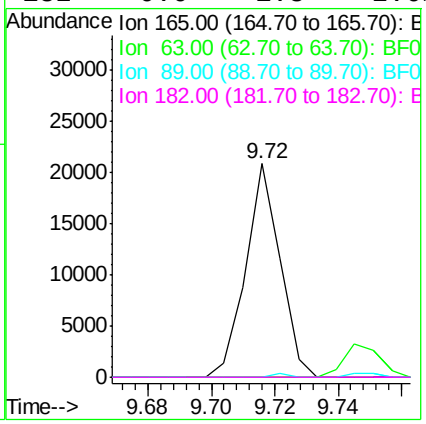


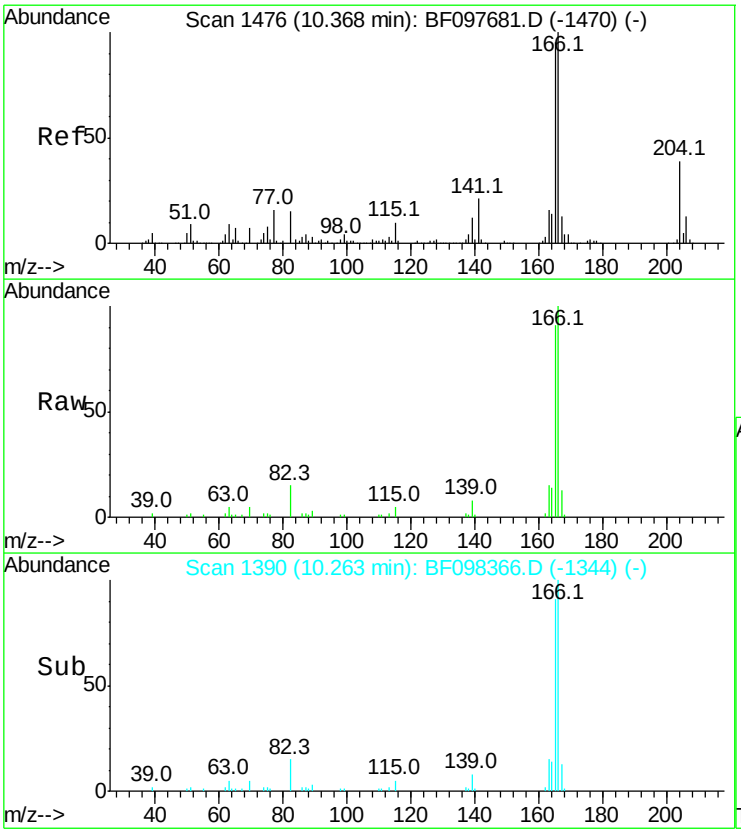
#56
2,4-Dinitrotoluene
Concen: 7.141 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.22 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:165 Resp: 15654

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

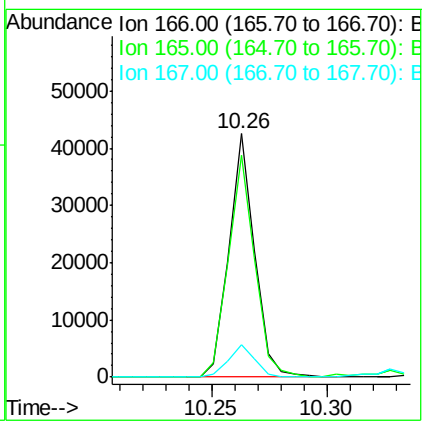


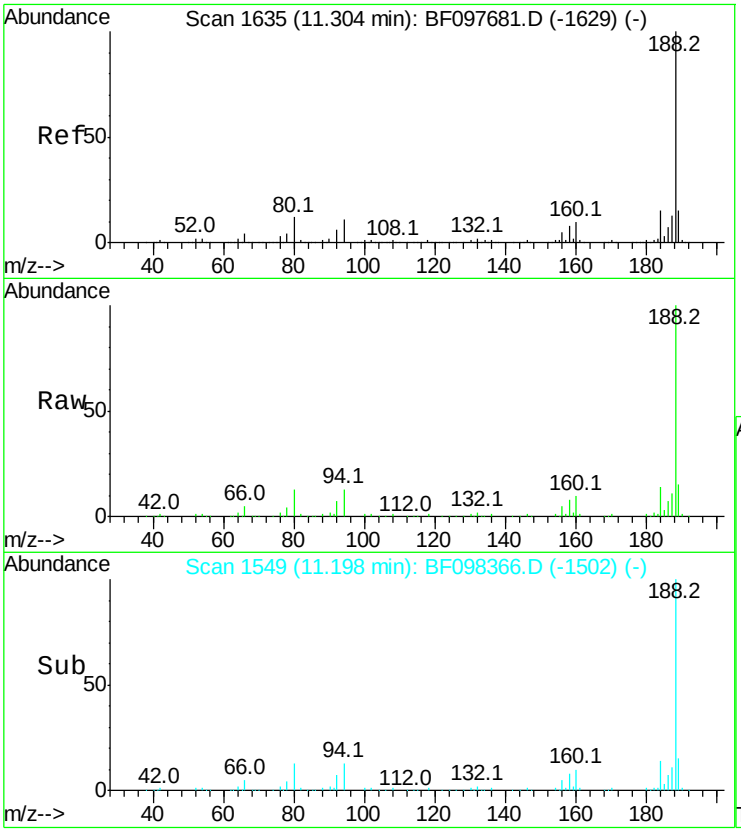


#57
Fluorene
Concen: 3.972 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:166 Resp: 32881

Ion	Ratio	Lower	Upper
166	100		
165	90.9	78.8	118.2
167	13.1	10.6	16.0



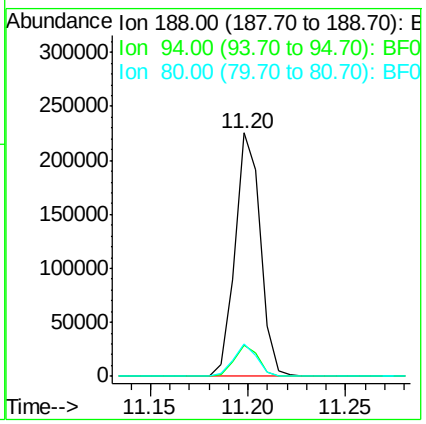


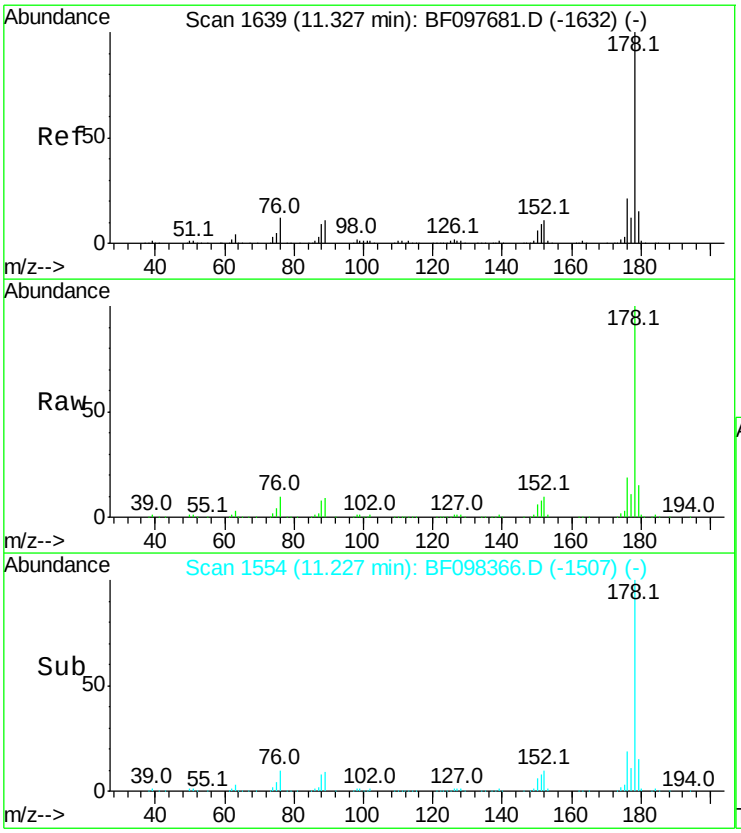
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:188 Resp: 201543

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	13.5	10.2	15.2

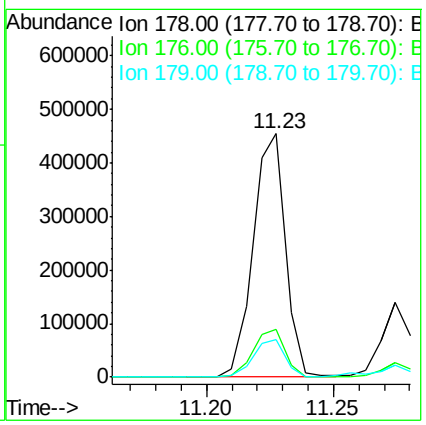


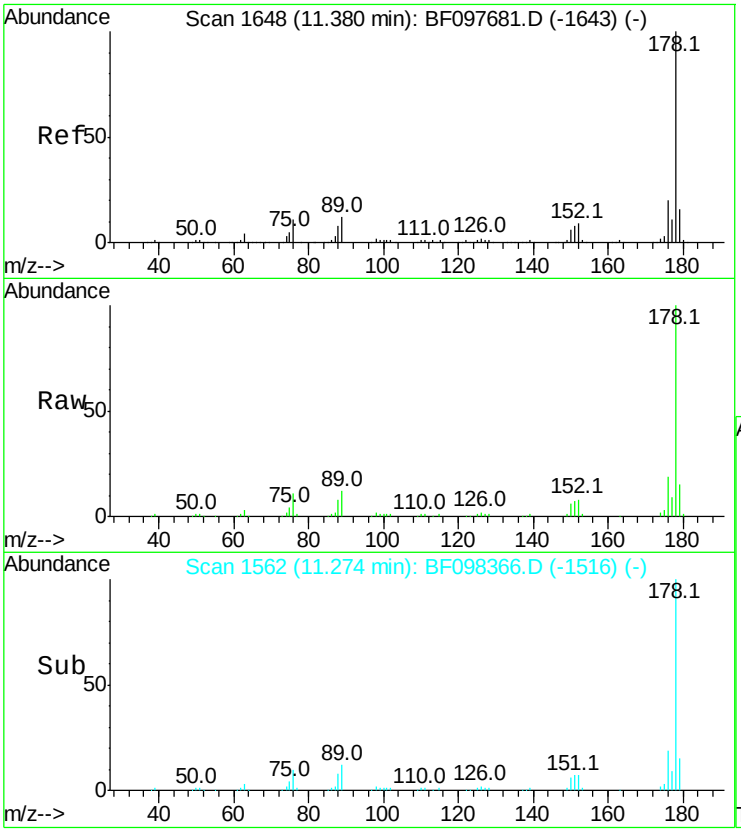


#70
Phenanthrene
Concen: 37.691 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:178 Resp: 404788

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.3	12.6	19.0



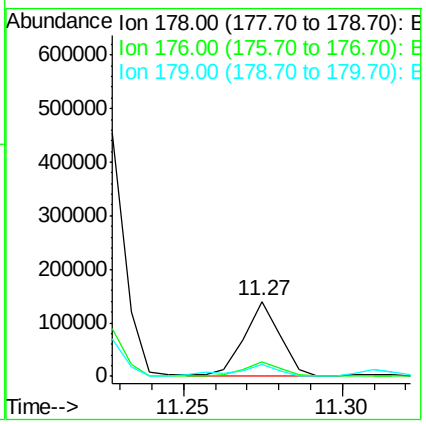


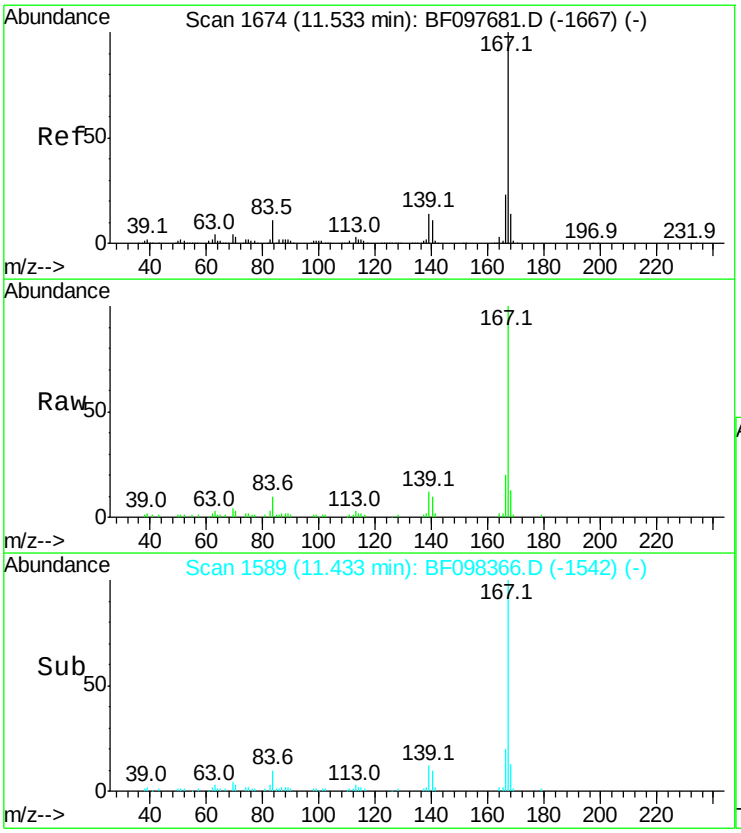
#71
Anthracene
Concen: 10.144 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:178 Resp: 110499

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.1	12.7	19.1

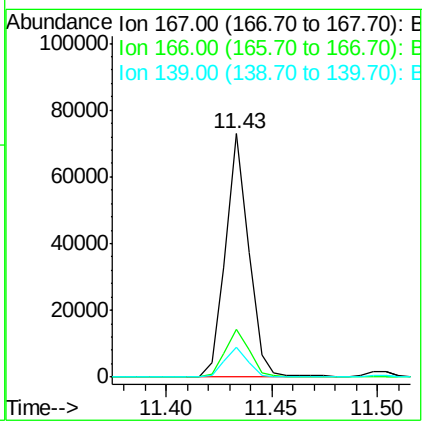


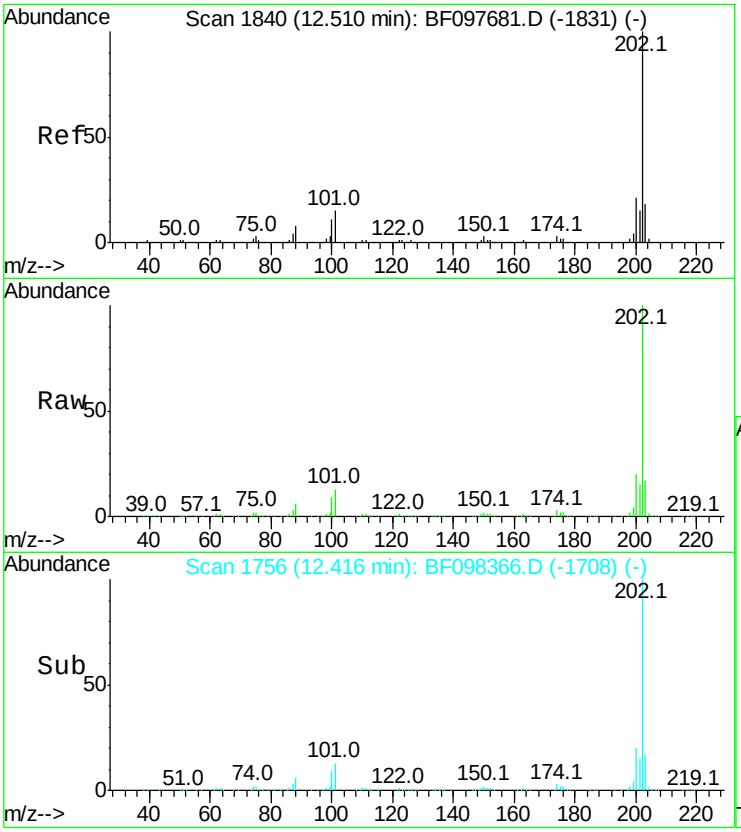


#72
Carbazole
Concen: 5.372 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:167 Resp: 55540

Ion	Ratio	Lower	Upper
167	100		
166	19.8	18.1	27.1
139	12.5	11.7	17.5



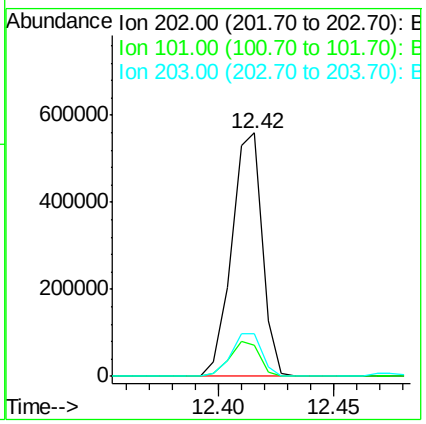


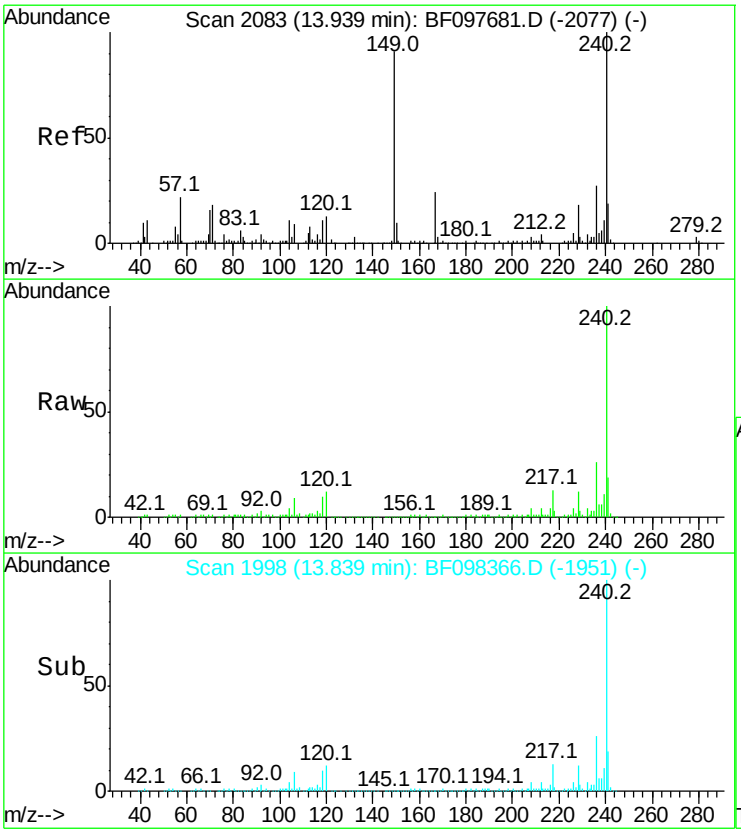
#74
Fluoranthene
Concen: 46.352 ng
RT: 12.42 min Scan# 1756
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:202 Resp: 519592

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.4	0.0	38.1

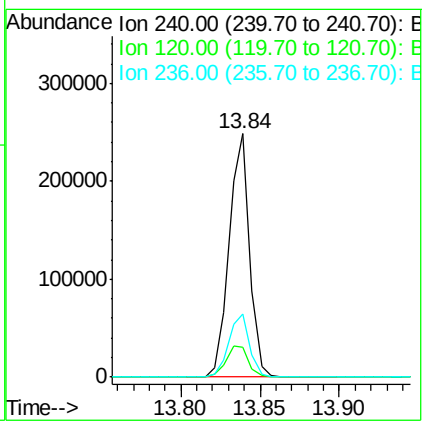


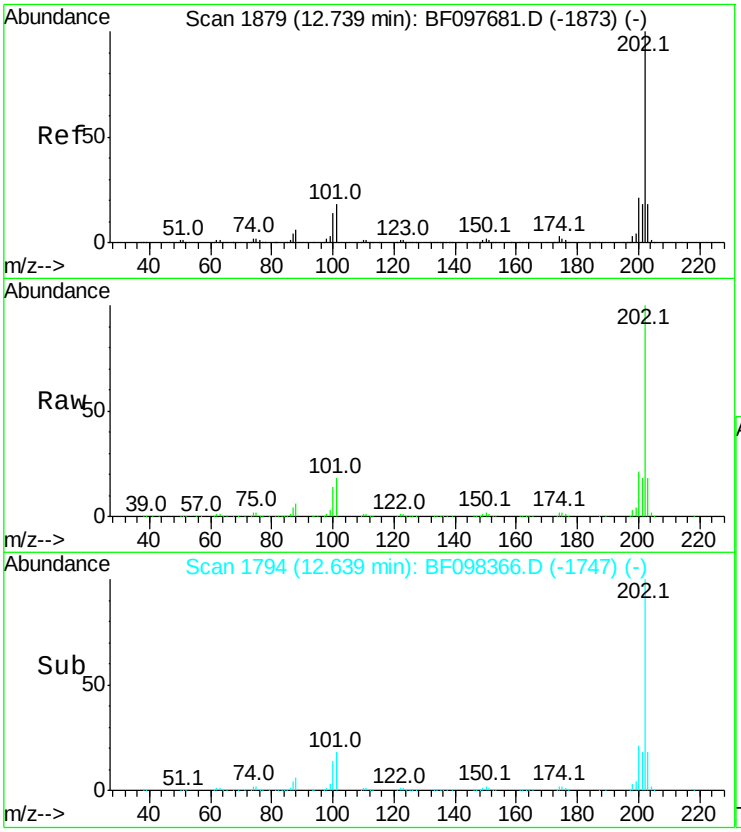


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:240 Resp: 221825

Ion	Ratio	Lower	Upper
240	100		
120	12.1	5.8	8.8#
236	26.2	20.5	30.7



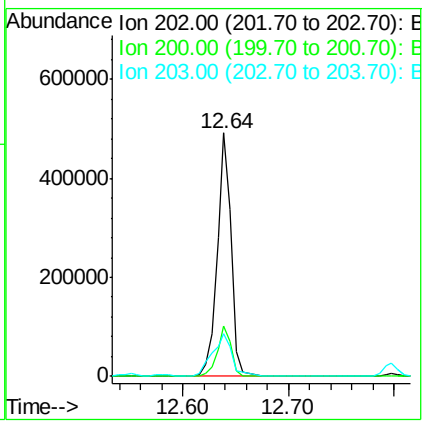


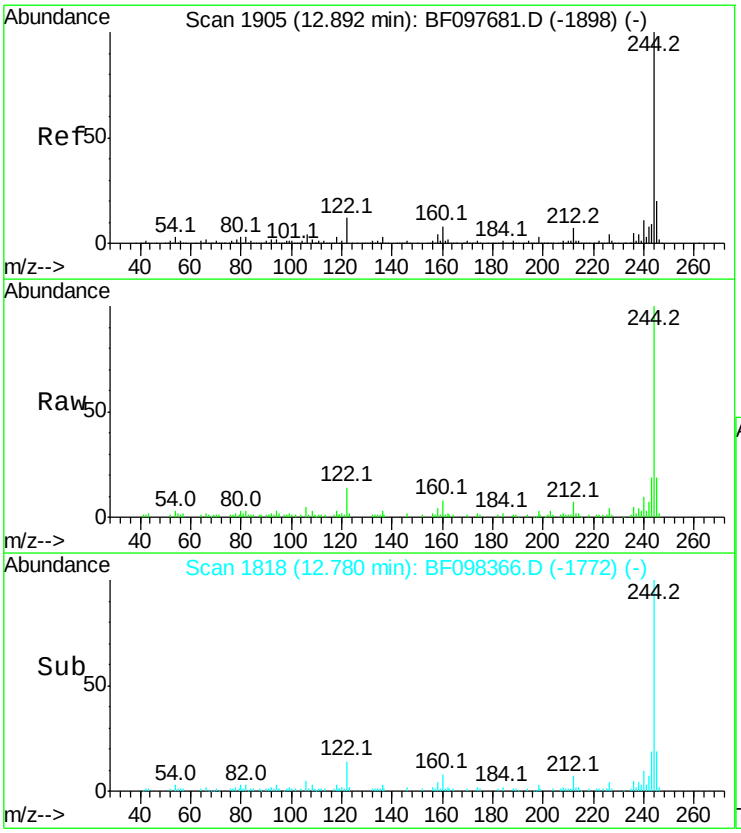
#77
Pyrene
Concen: 25.310 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:202 Resp: 459193

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.8	14.4	21.6

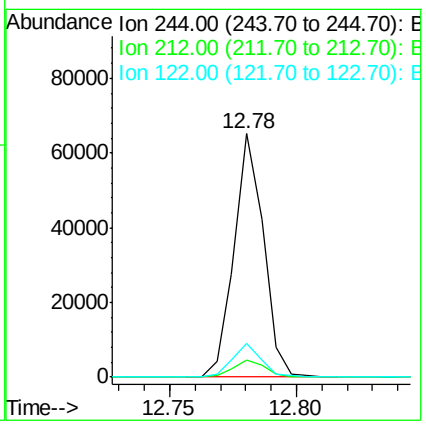


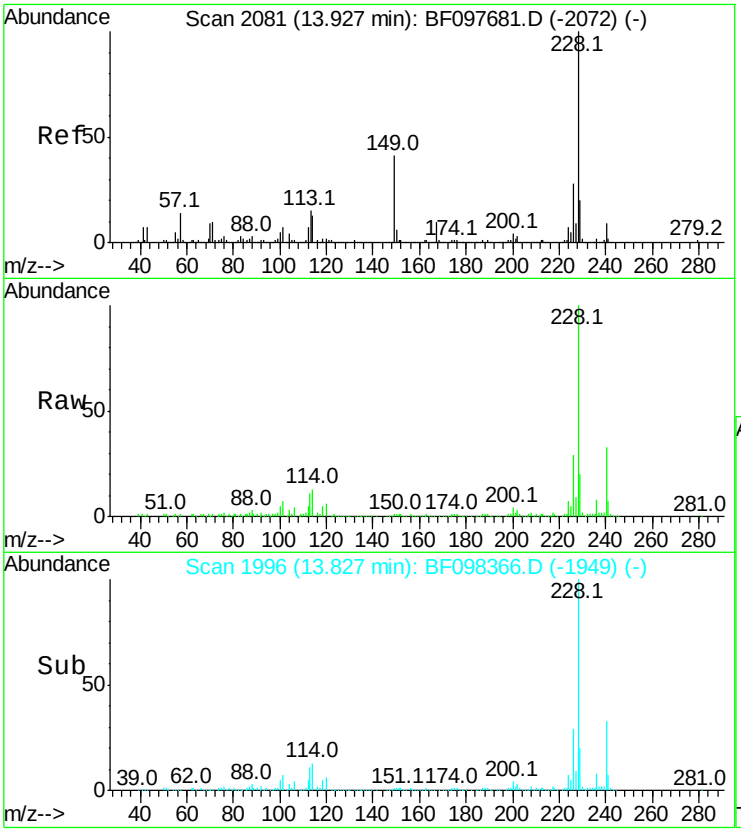


#78
Terphenyl-d14
Concen: 4.912 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.03 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:244 Resp: 52248

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.8	10.3	15.5



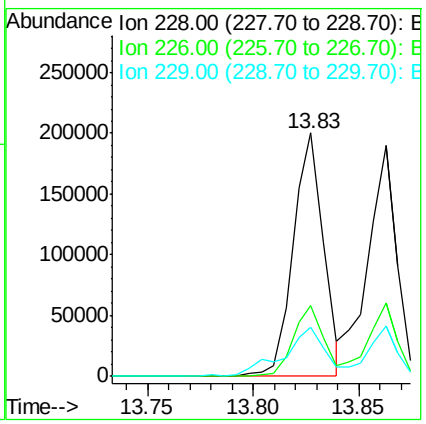


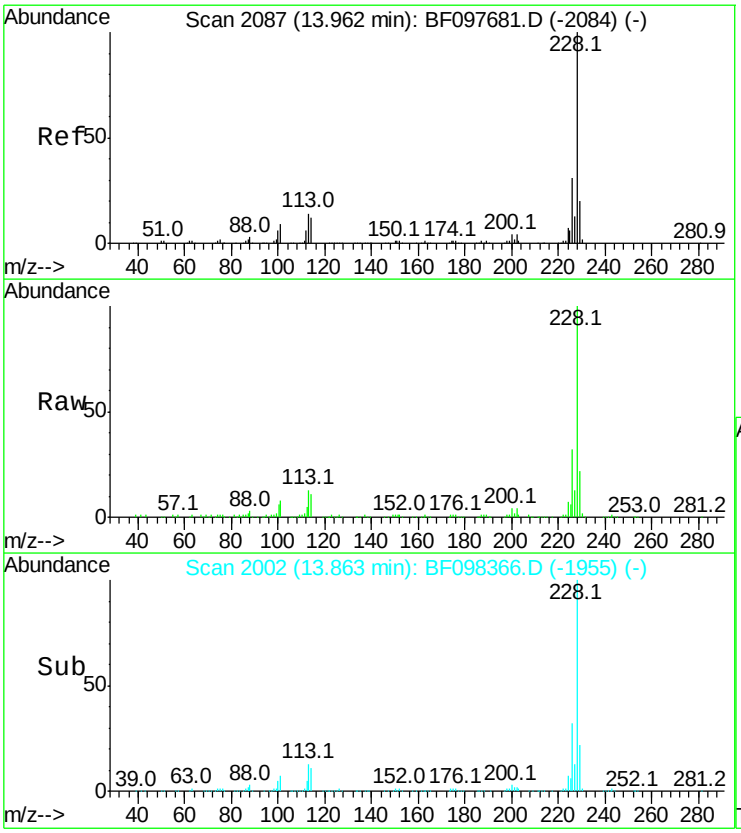
#80
Benzo(a)anthracene
Concen: 15.071 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:228 Resp: 200372

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.6	33.8
229	19.9	16.3	24.5

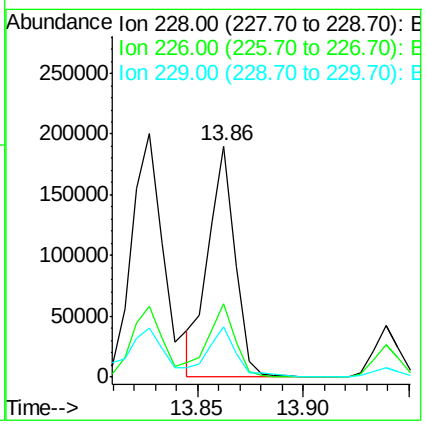


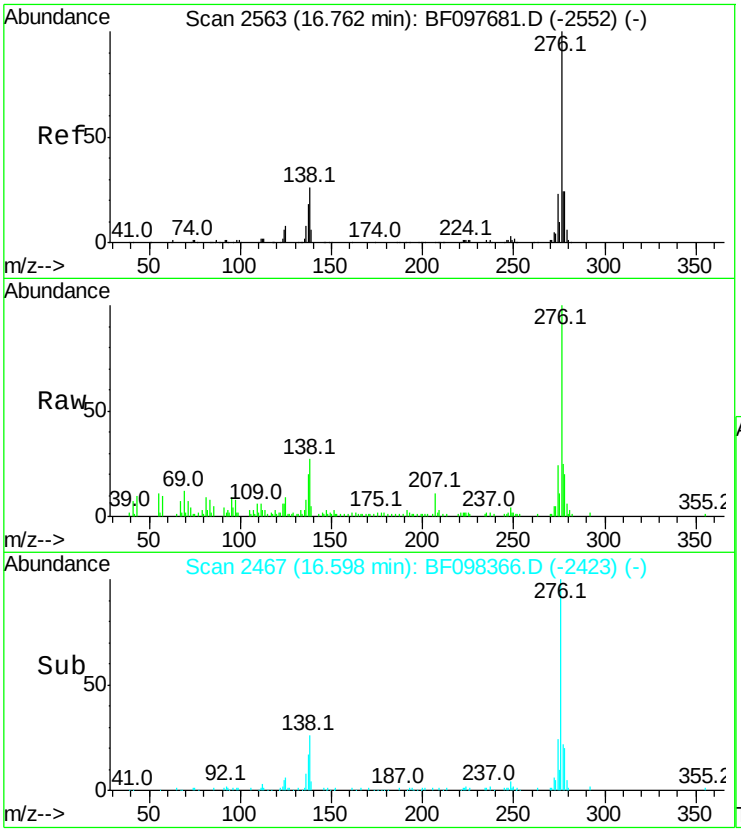


#82
Chrysene
Concen: 12.774 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:228 Resp: 168940

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	21.9	15.8	23.6



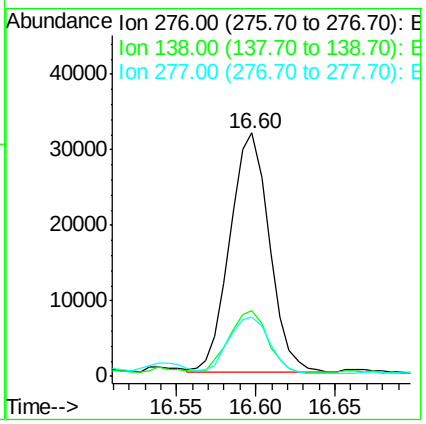


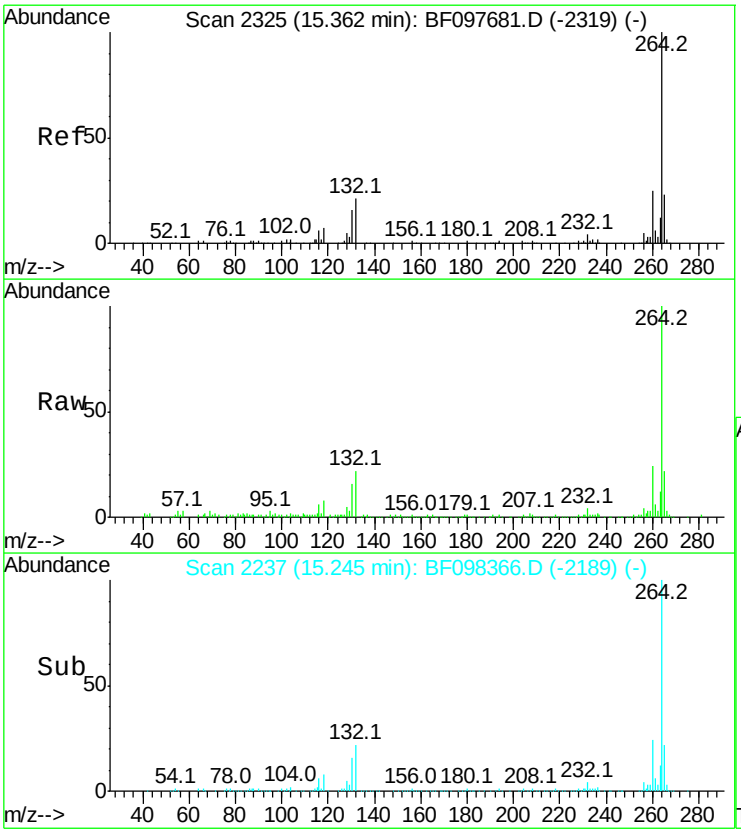
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.664 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.04 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:276 Resp: 55102

Ion	Ratio	Lower	Upper
276	100		
138	26.3	27.8	41.6#
277	24.6	20.2	30.4

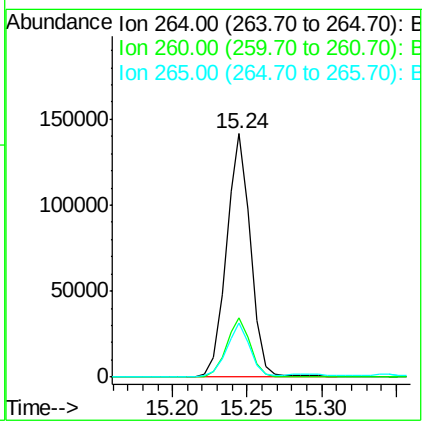


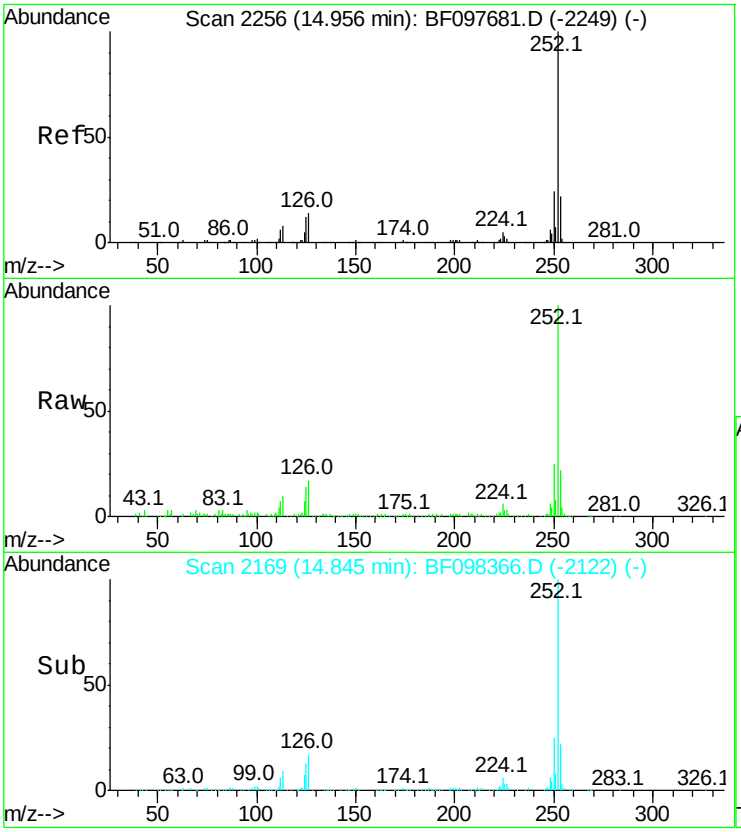


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:264 Resp: 161100

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.2	25.8



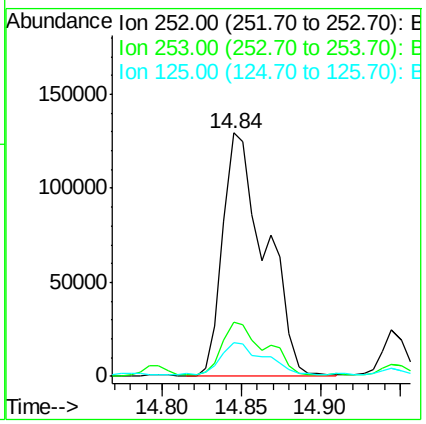


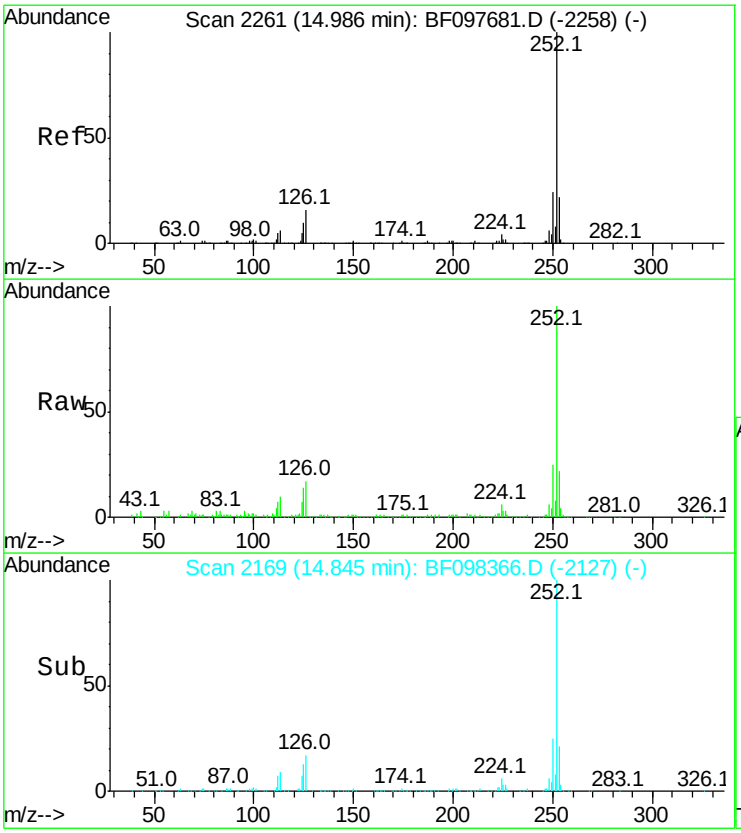
#87
Benzo(b)fluoranthene
Concen: 23.729 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:252 Resp: 240963

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	13.8	9.8	14.8

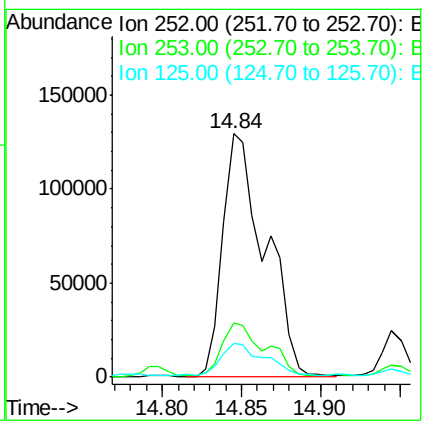


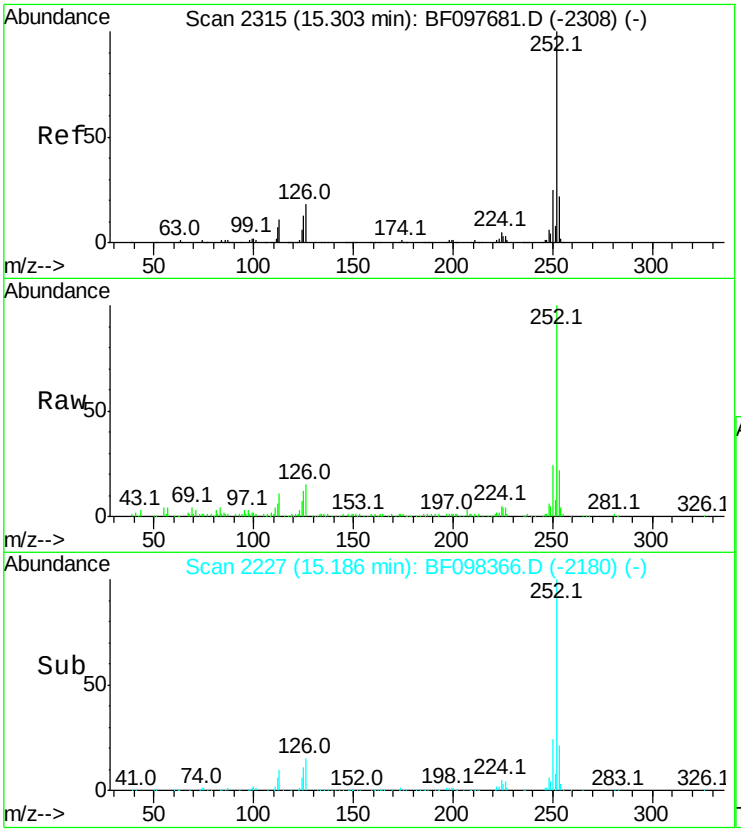


#88
Benzo(k)fluoranthene
Concen: 25.257 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.05 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:252 Resp: 240963

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	13.8	13.1	19.7



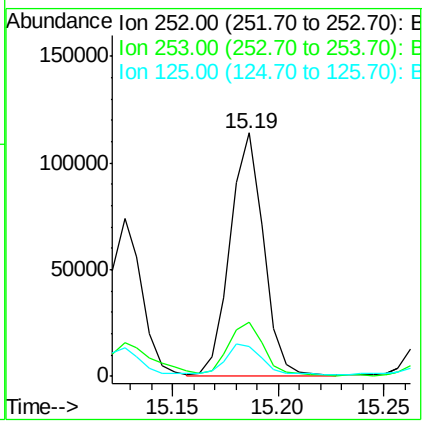


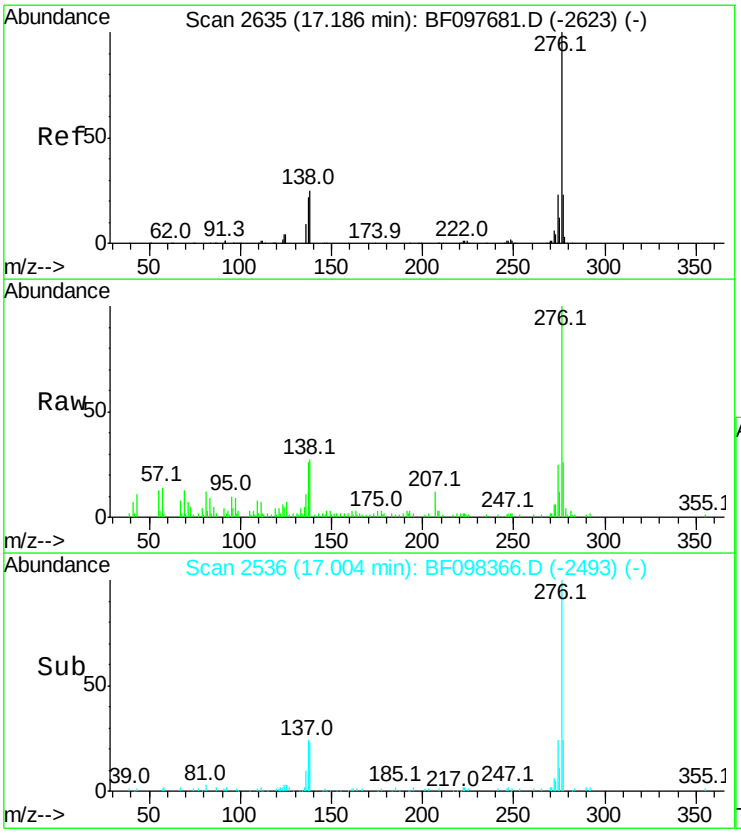
#89
Benzo(a)pyrene
Concen: 13.861 ng
RT: 15.19 min Scan# 2227
Delta R.T. -0.02 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
RL-3-0-11.75

Tgt Ion:252 Resp: 124609

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 7.176 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.05 min
Lab File: BF098366.D
Acq: 8 Sep 2017 22:30

Tgt Ion:276 Resp: 54800

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	26.6	25.4	38.0