Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF040317\
Data File : BF094165.D
Acq On : 4 Apr 2017 13:12
Operator : SJ/MA
Sample : I2510-11DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-U4-WSWDL

Quant Time: Apr 04 13:48:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	168577	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	622081	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	245095	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	389519	20.00	ng		-0.01
75) Chrysene-d12	14.62	240	319695	20.00	ng		-0.01
86) Perylene-d12	16.24	264	218077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.42	112	223627	22.41	ng		-0.02
7) Phenol-d6	5.49	99	275613	22.32	ng		-0.02
23) Nitrobenzene-d5	6.53	82	118656	10.89	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	34472	17.80	ng		-0.02
44) 2-Fluorobiphenyl	8.71	172	282481	17.58	ng		-0.02
78) Terphenyl-d14	13.33	244	187845	13.17	ng		-0.02
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	9.53	165	32586	8.16	ng	#	33
51) Acenaphthene	9.57	154	62785	4.18	ng		99
54) Dibenzofuran	9.79	168	59552	2.92	ng		98
55) 4-Nitrophenol	9.79	139	21855	5.95	ng	#	26
56) 2,4-Dinitrotoluene	9.53	165	32586	6.50	ng	#	32
57) Fluorene	10.20	166	67828	4.00	ng		99
70) Phenanthrene	11.39	178	721695	33.31	ng		99
71) Anthracene	11.45	178	171508	7.69	ng		98
72) Carbazole	11.65	167	83943	3.67	ng		99
74) Fluoranthene	12.86	202	681833	30.73	ng		99
77) Pyrene	13.13	202	550184	23.71	ng		99
80) Benzo(a)anthracene	14.60	228	233600	12.53	ng		99
82) Chrysene	14.64	228	209049	12.08	ng		96
85) Indeno(1,2,3-cd)pyrene	17.59	276	61040	4.07	ng		95
87) Benzo(b)fluoranthene	15.84	252	241951	18.10	ng	#	97
88) Benzo(k)fluoranthene	15.84	252	241951	18.50	ng		99
89) Benzo(a)pyrene	16.19	252	121070	9.84	ng		99
91) Benzo(g,h,i)perylene	17.99	276	59852	5.70	ng		100

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

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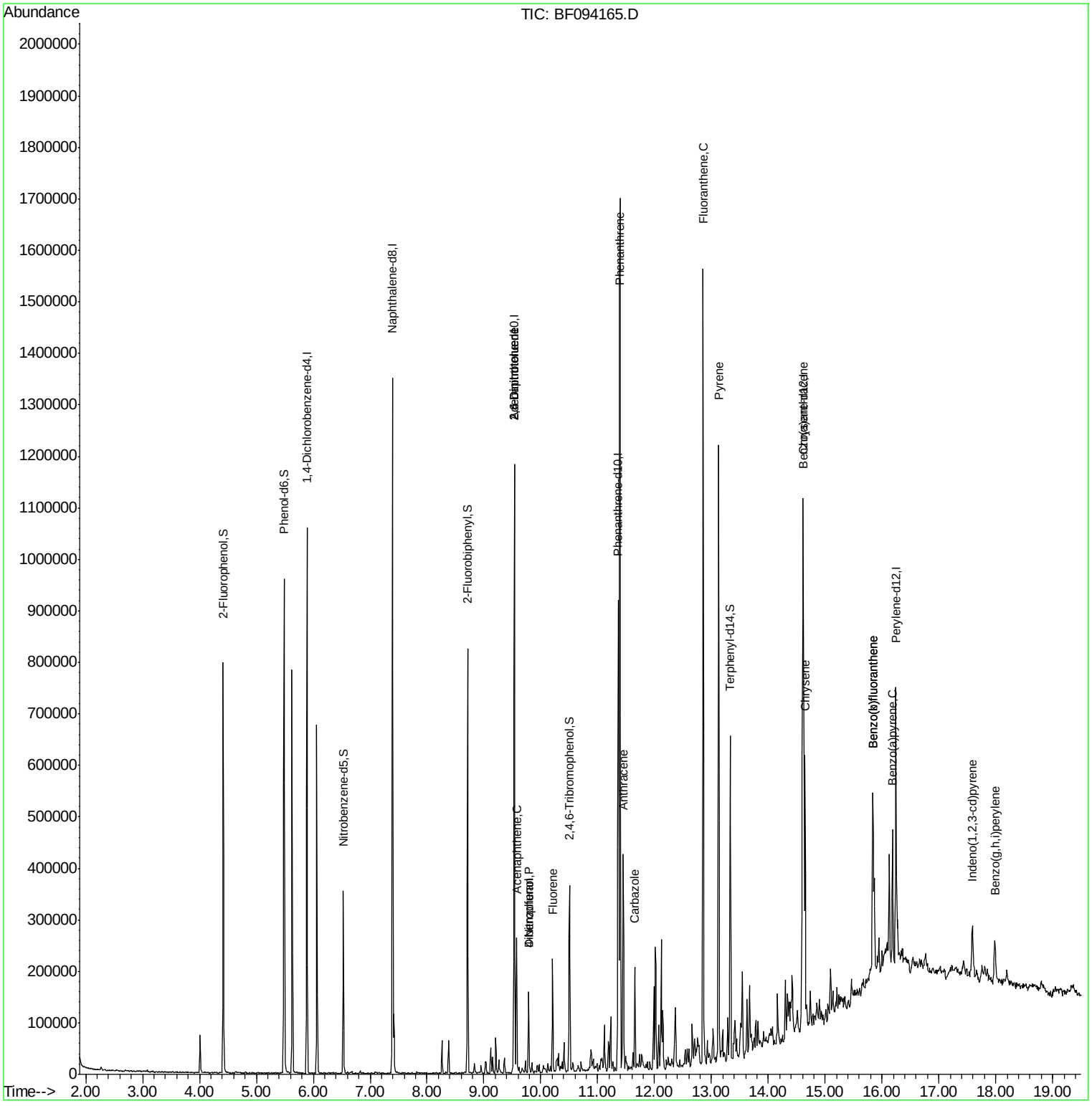
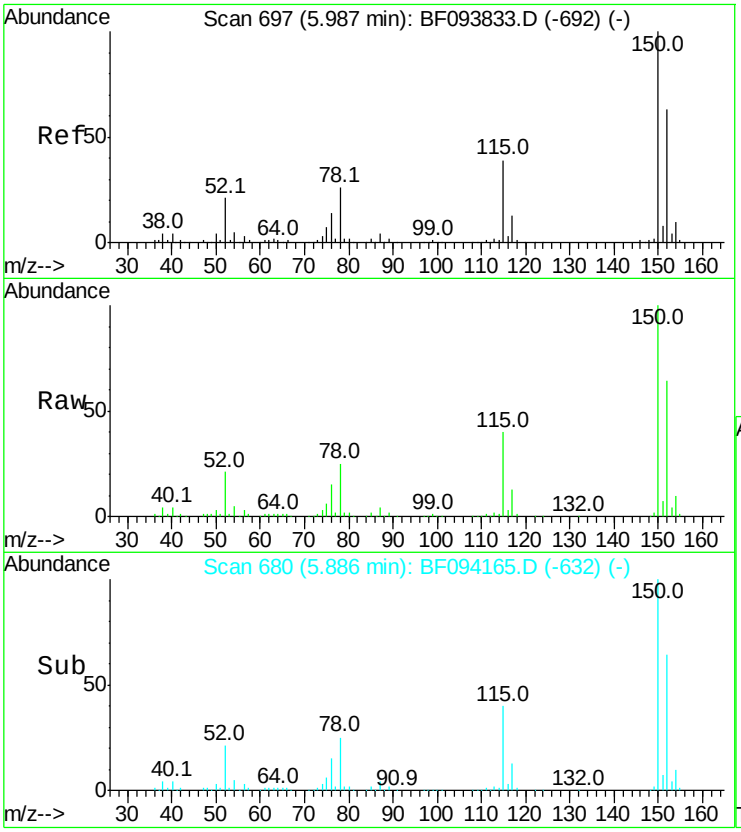


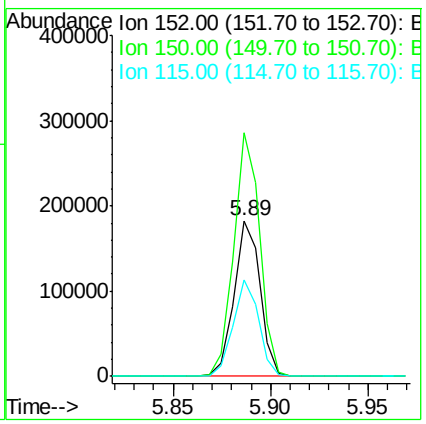


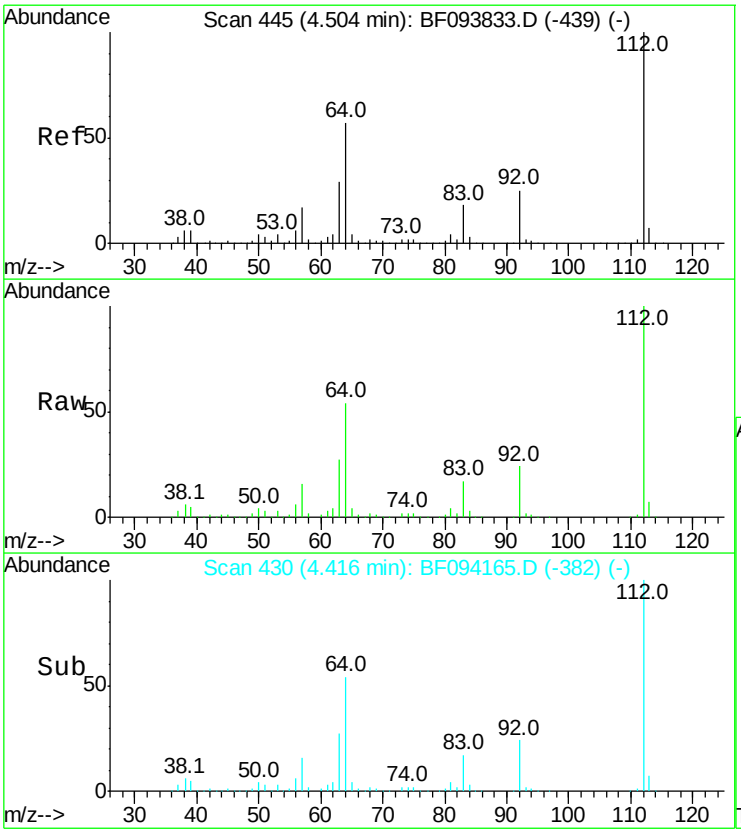
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.89 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:152 Resp: 168577

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	62.2	52.2	78.2

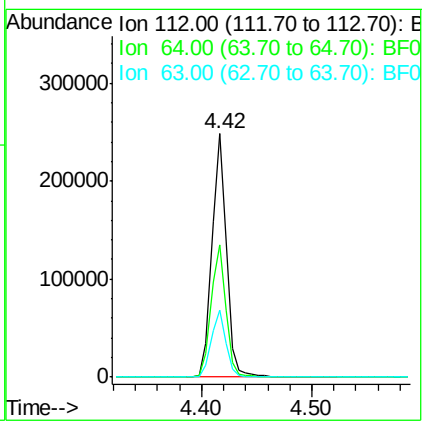


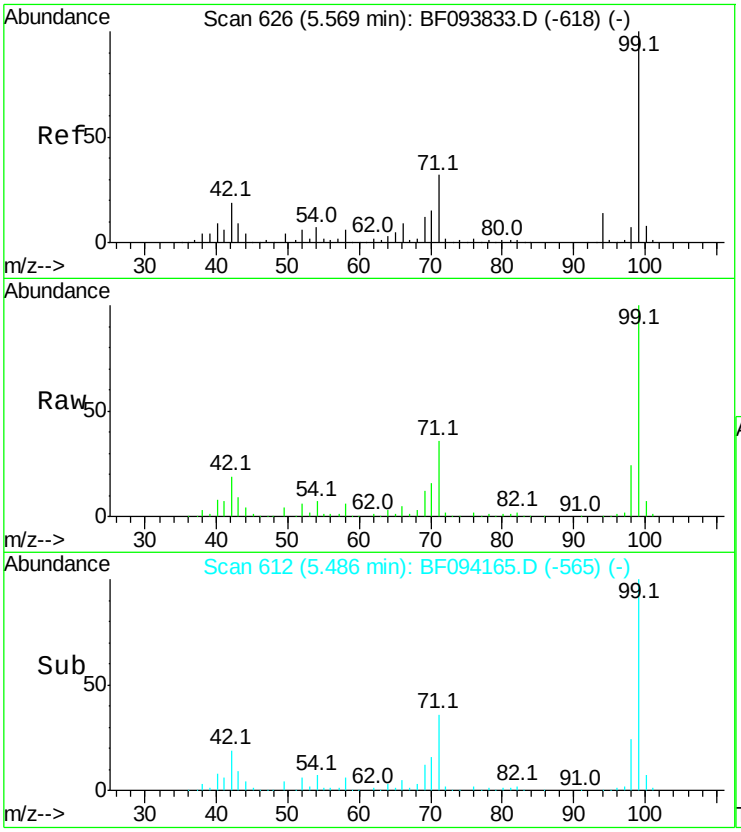


#5
2-Fluorophenol
Concen: 22.41 ng
RT: 4.42 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:112 Resp: 223627

Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	27.5	23.4	35.0



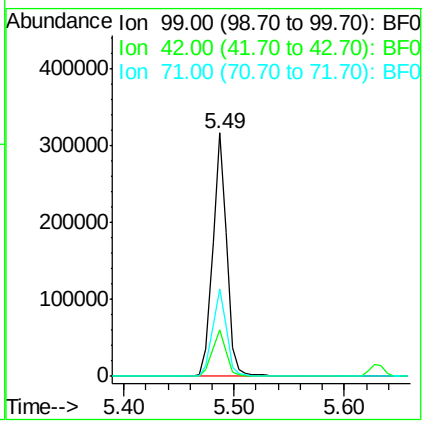


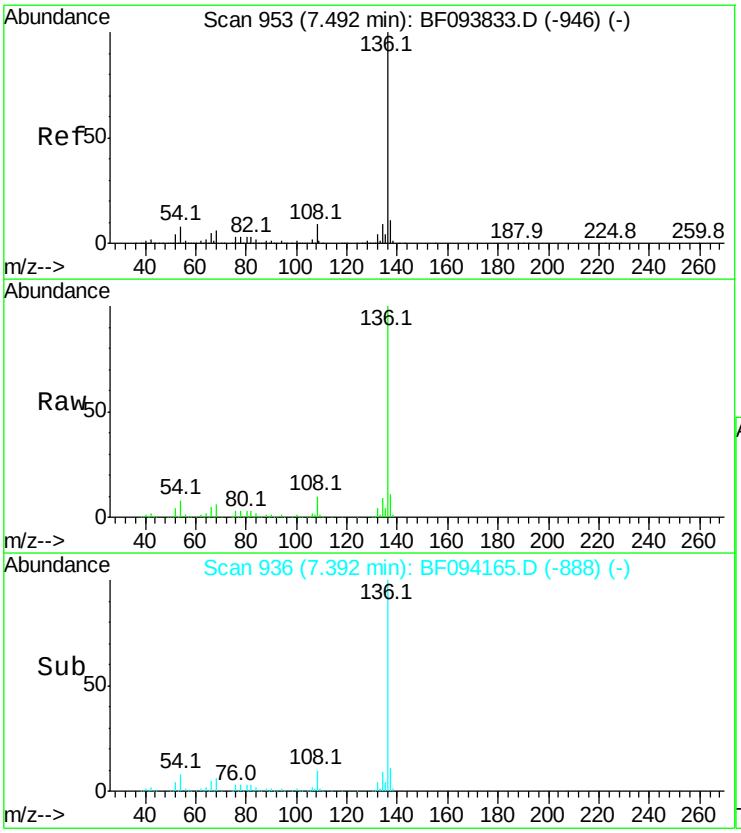
#7
Phenol-d6
Concen: 22.32 ng
RT: 5.49 min Scan# 612
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSDL

Tgt Ion: 99 Resp: 275613

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.5	20.3
71	36.0	24.5	36.7

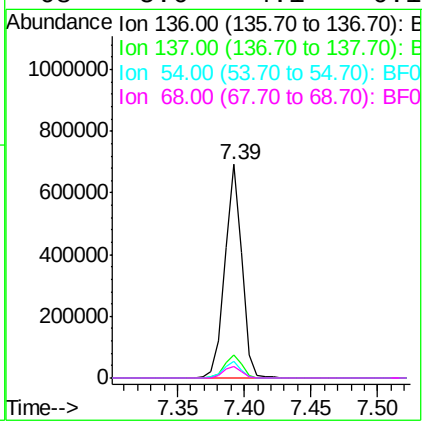


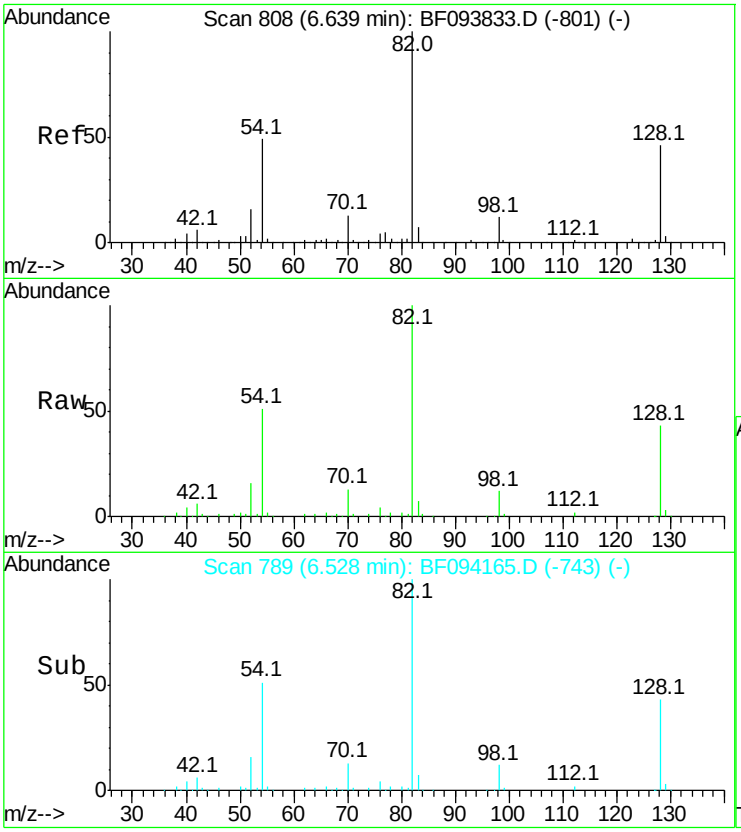


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:136 Resp: 622081

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.6	4.9	7.3#
68	5.6	4.1	6.1



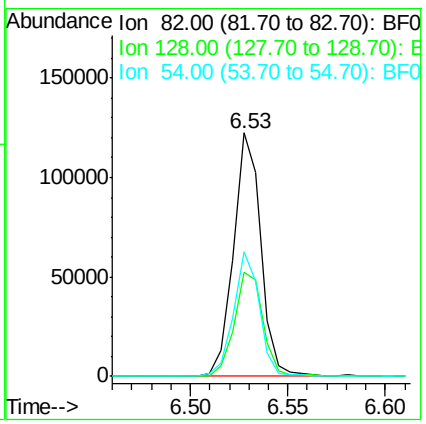


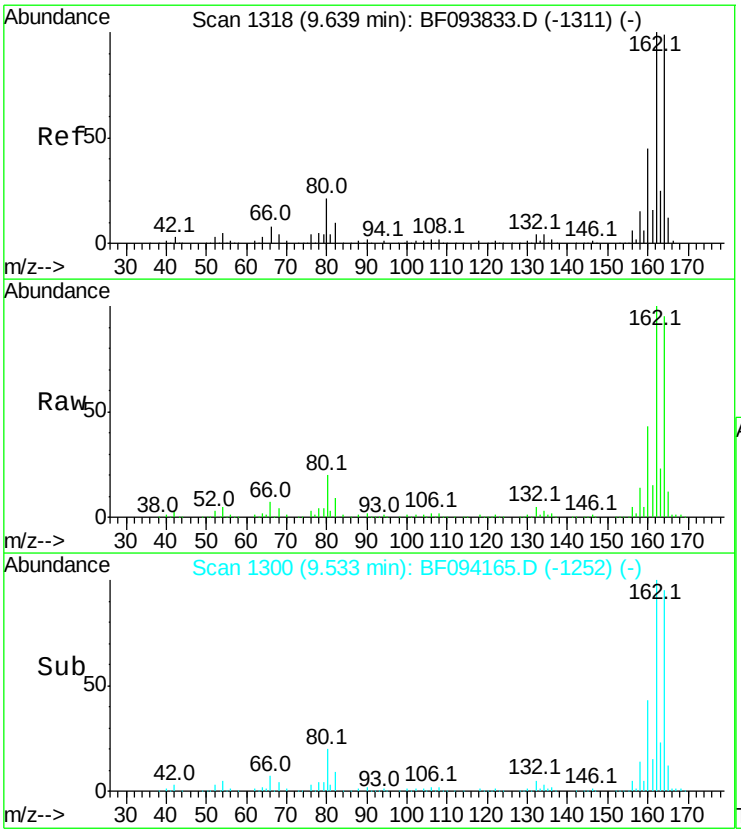
#23
Nitrobenzene-d5
Concen: 10.89 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion: 82 Resp: 118656

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.0	51.0
54	51.1	42.2	63.2

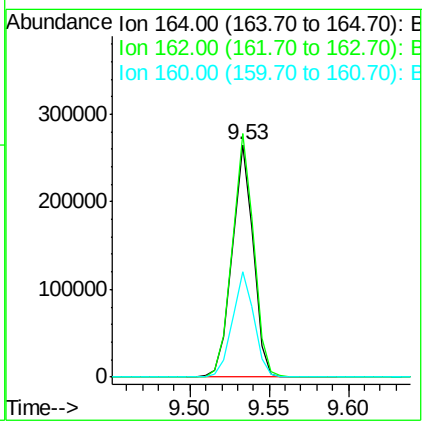


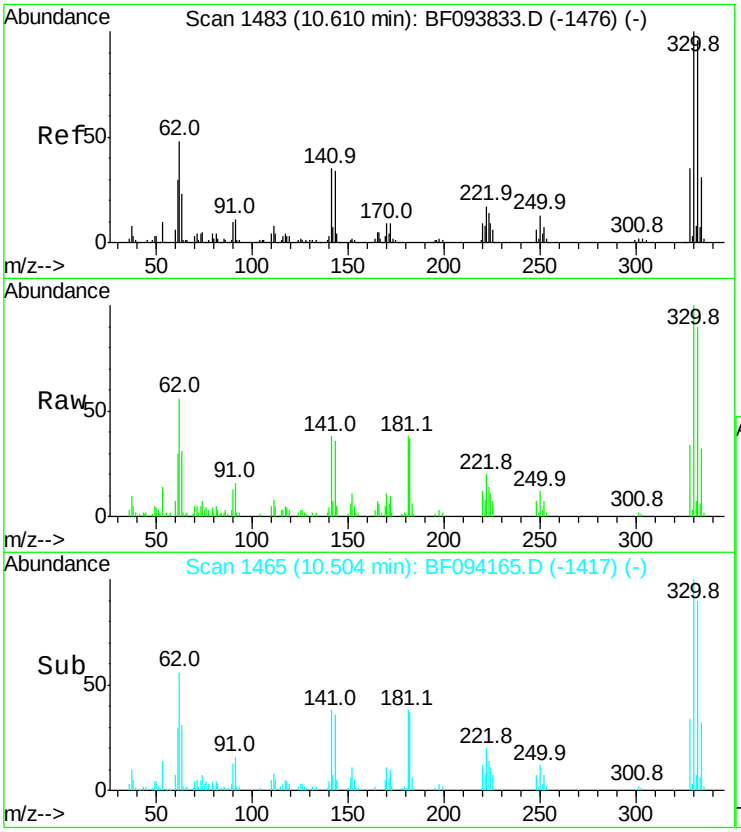


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:164 Resp: 245095

Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.6	123.8
160	45.5	36.2	54.2



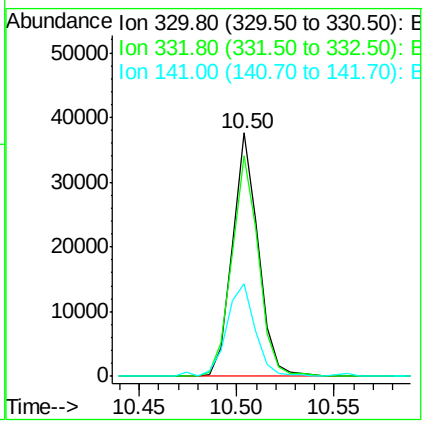


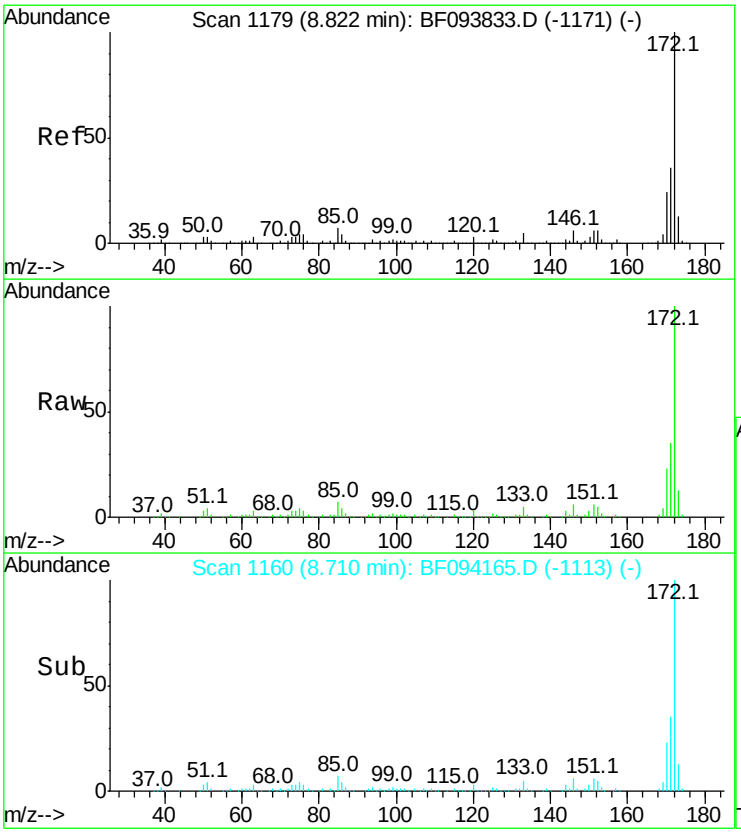
#41
2,4,6-Tribromophenol
Concen: 17.80 ng
RT: 10.50 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:330 Resp: 34472

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.6	115.0
141	42.8	31.4	47.2

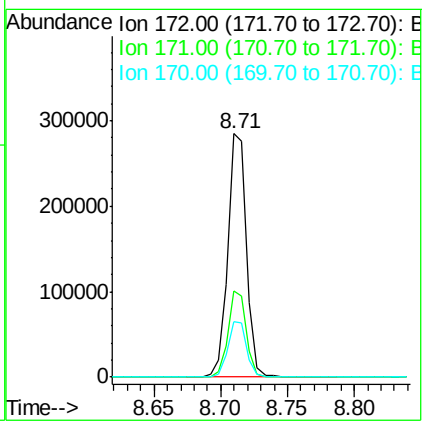


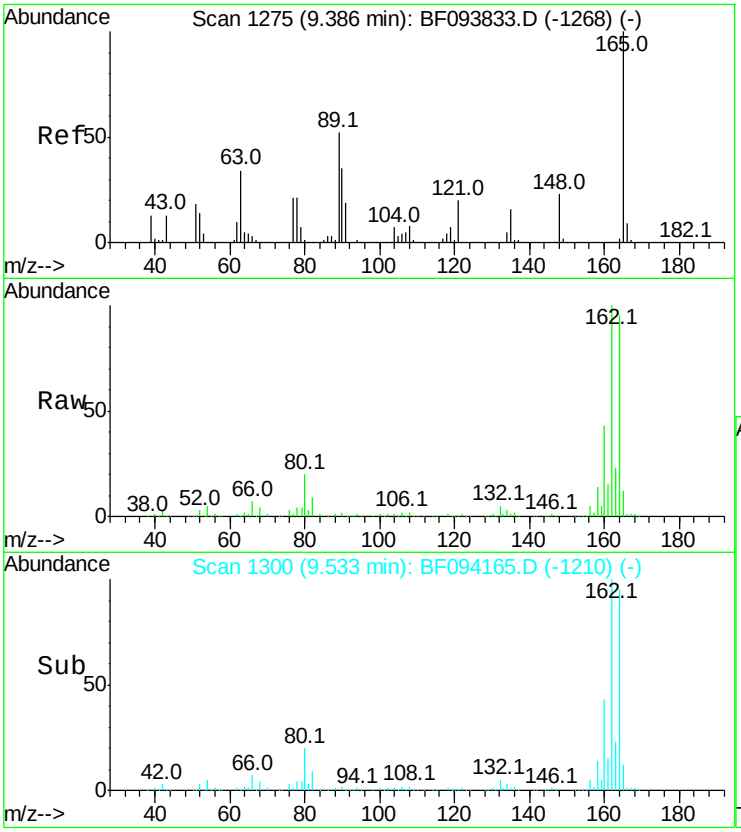


#44
2-Fluorobiphenyl
Concen: 17.58 ng
RT: 8.71 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:172 Resp: 282481

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	22.8	19.8	29.8



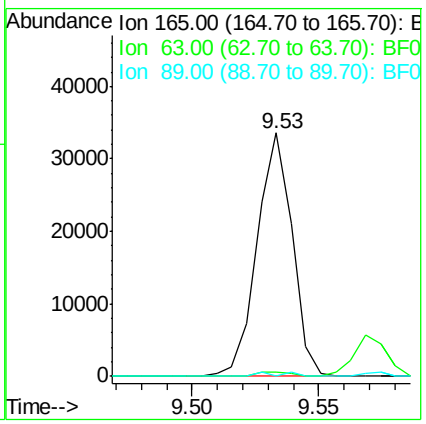


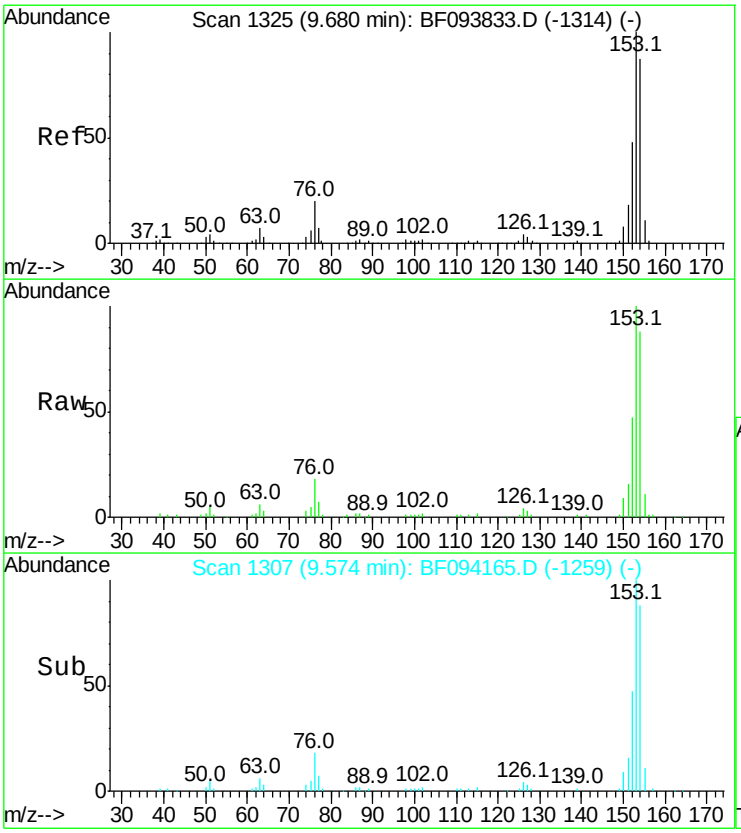
#50
2,6-Dinitrotoluene
Concen: 8.16 ng
RT: 9.53 min Scan# 1300
Delta R.T. 0.23 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:165 Resp: 32586

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	0.0	37.1	55.7#

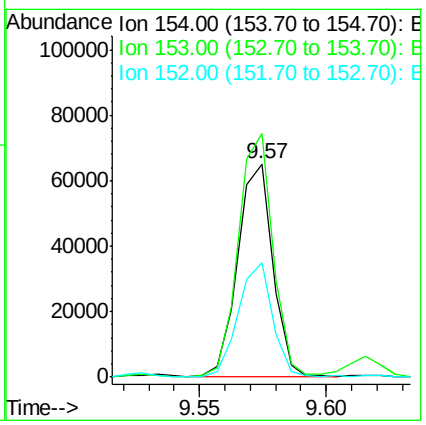


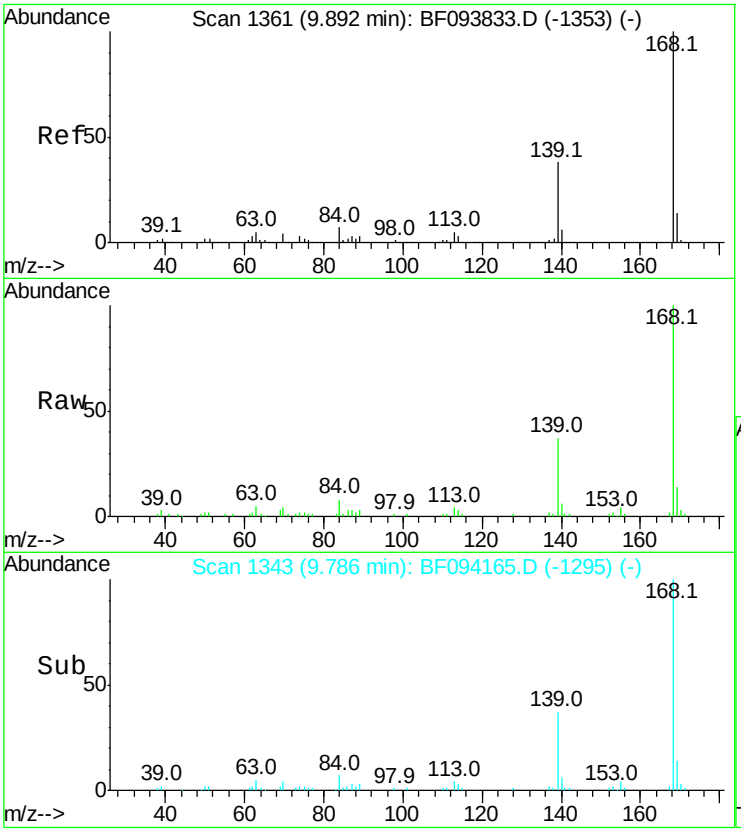


#51
Acenaphthene
Concen: 4.18 ng
RT: 9.57 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:154 Resp: 62785

Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.5	135.7
152	53.9	43.6	65.4



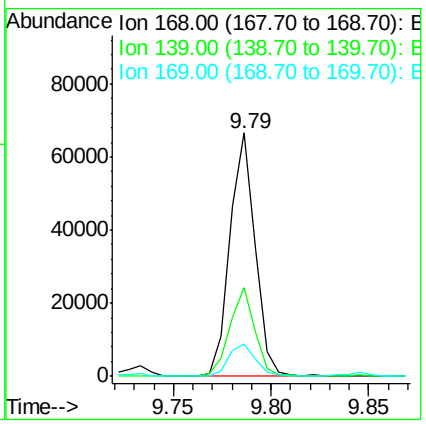


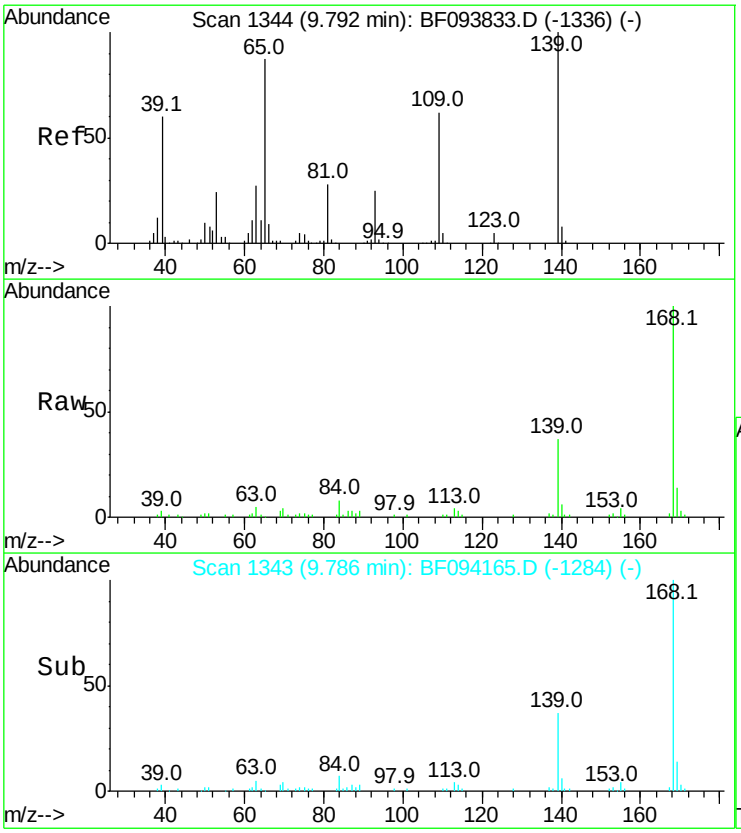
#54
Dibenzofuran
Concen: 2.92 ng
RT: 9.79 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:168 Resp: 59552

Ion	Ratio	Lower	Upper
168	100		
139	36.7	30.6	45.8
169	13.5	10.8	16.2

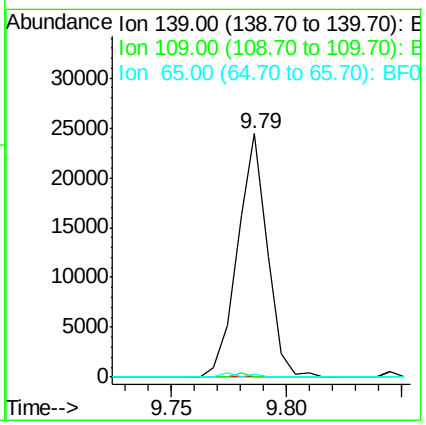


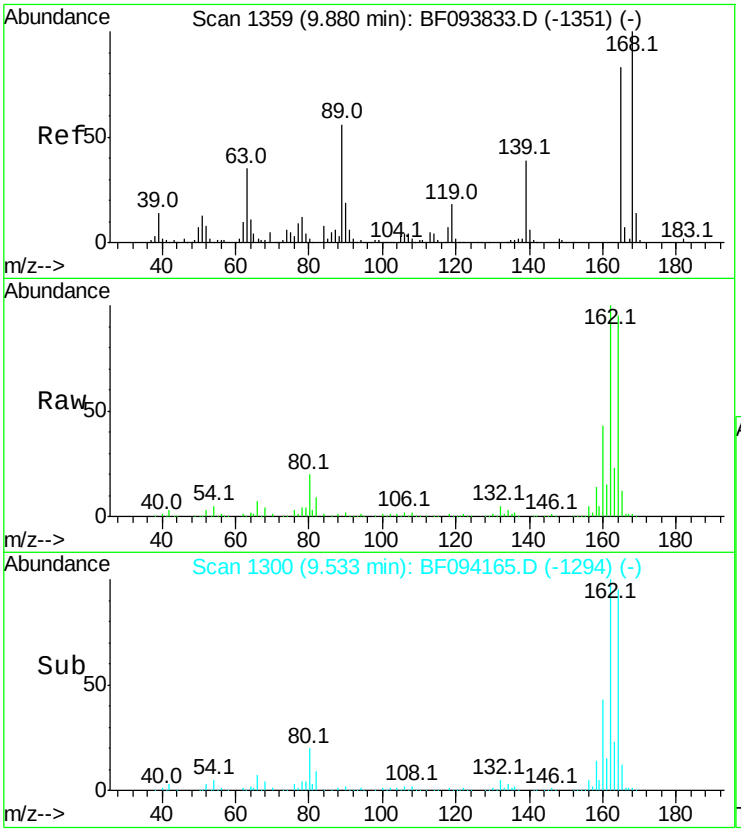


#55
4-Nitrophenol
Concen: 5.95 ng
RT: 9.79 min Scan# 1343
Delta R.T. 0.05 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:139 Resp: 21855

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	1.2	31.4	71.4#



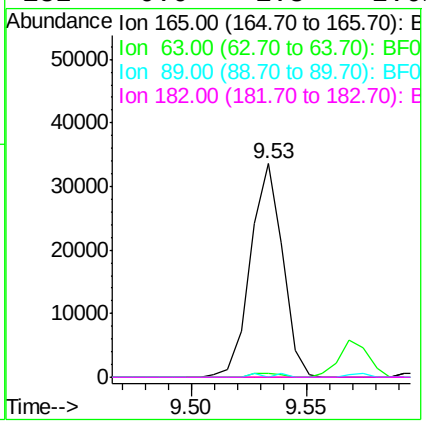


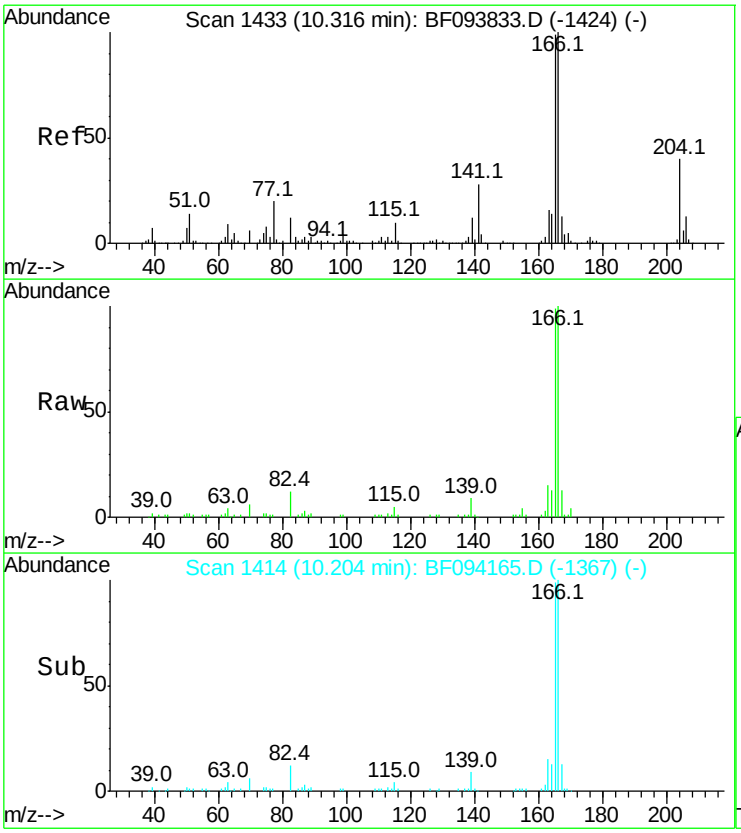
#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.26 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:165 Resp: 32586

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

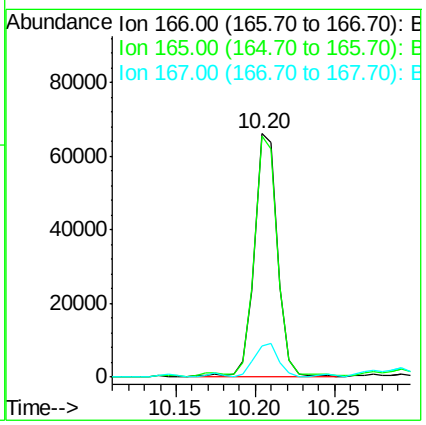


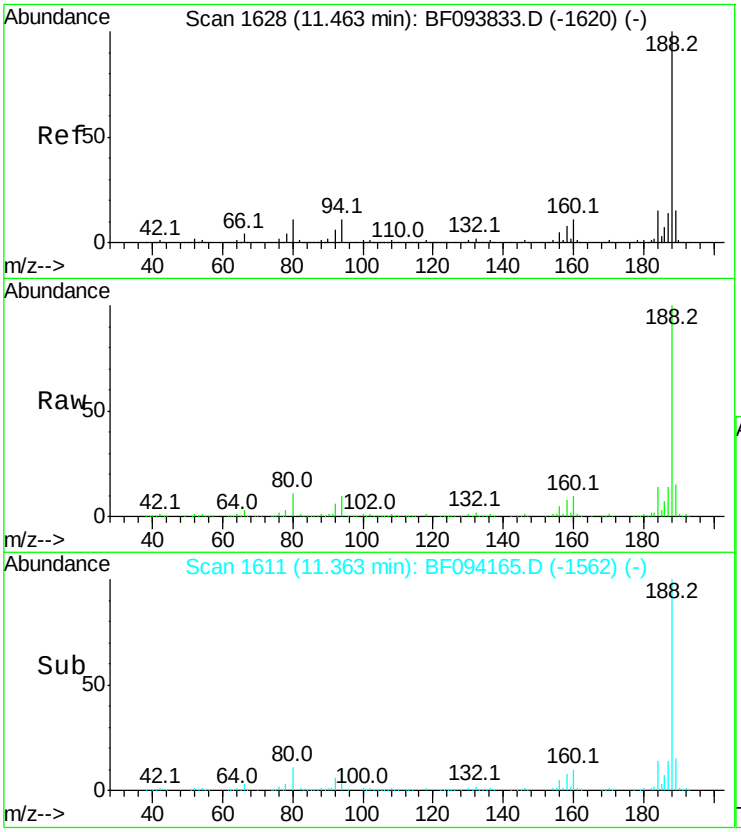


#57
Fluorene
Concen: 4.00 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:166 Resp: 67828

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.8	118.2
167	12.9	10.6	16.0



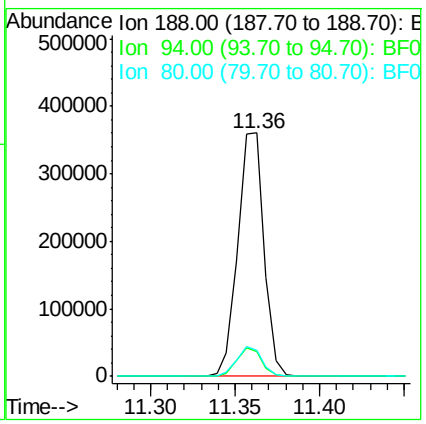


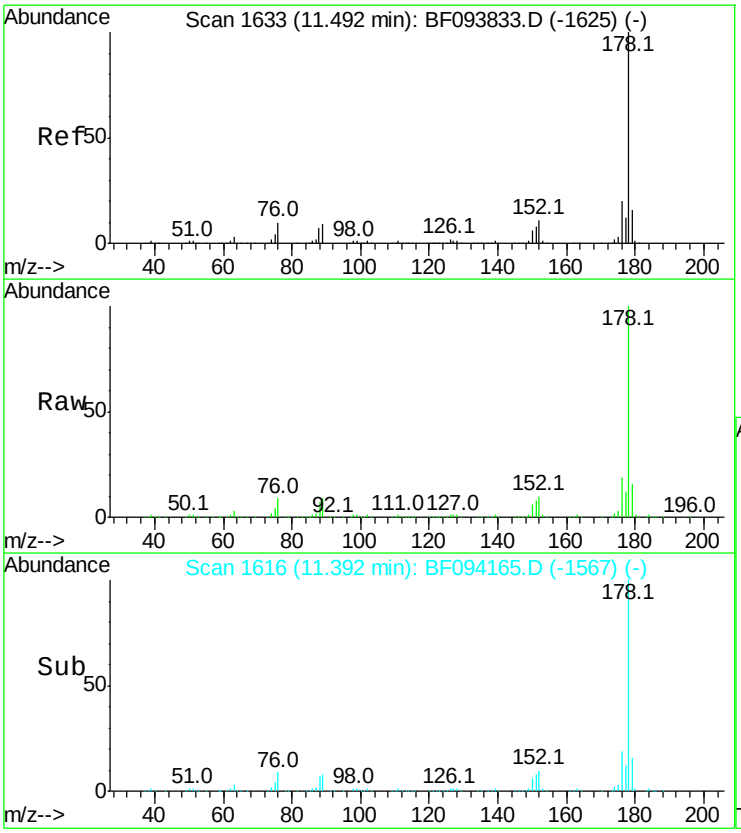
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:188 Resp: 389519

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	10.5	10.2	15.2

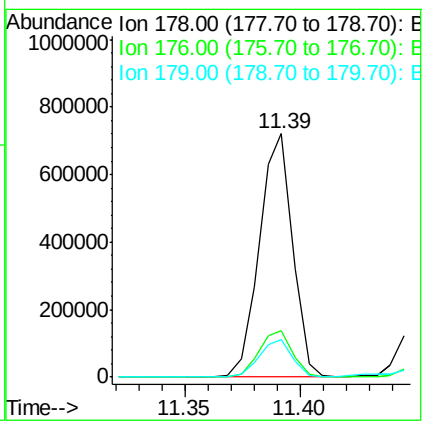


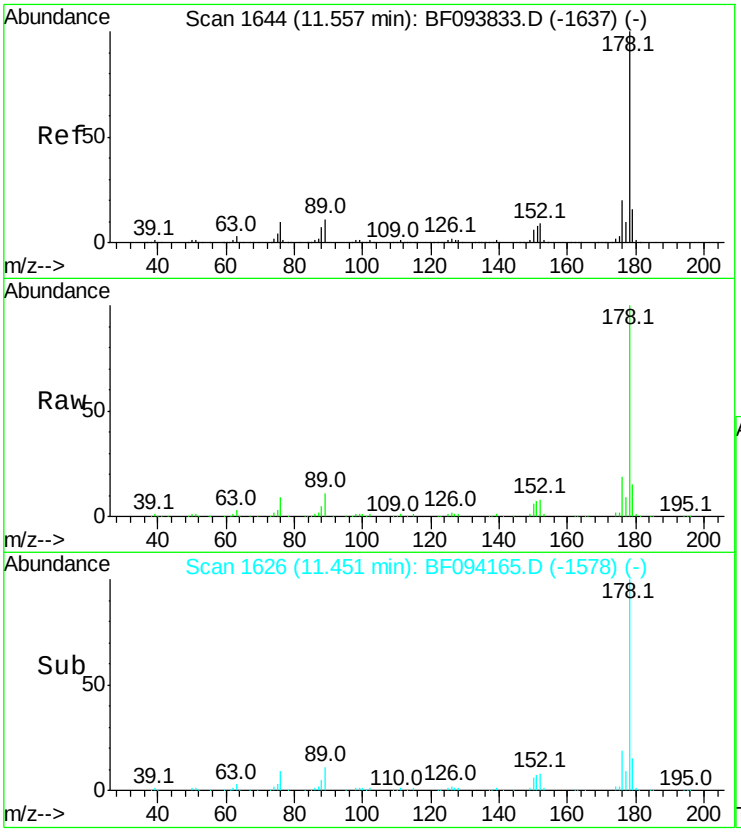


#70
Phenanthrene
Concen: 33.31 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:178 Resp: 721695

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.6	12.6	19.0



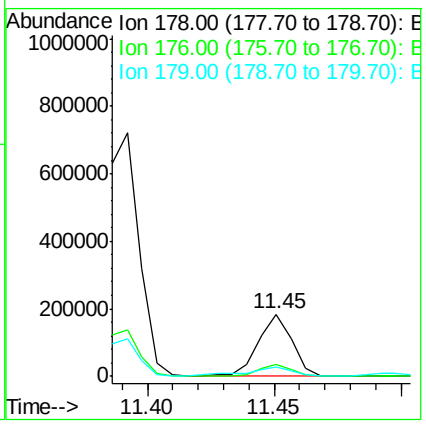


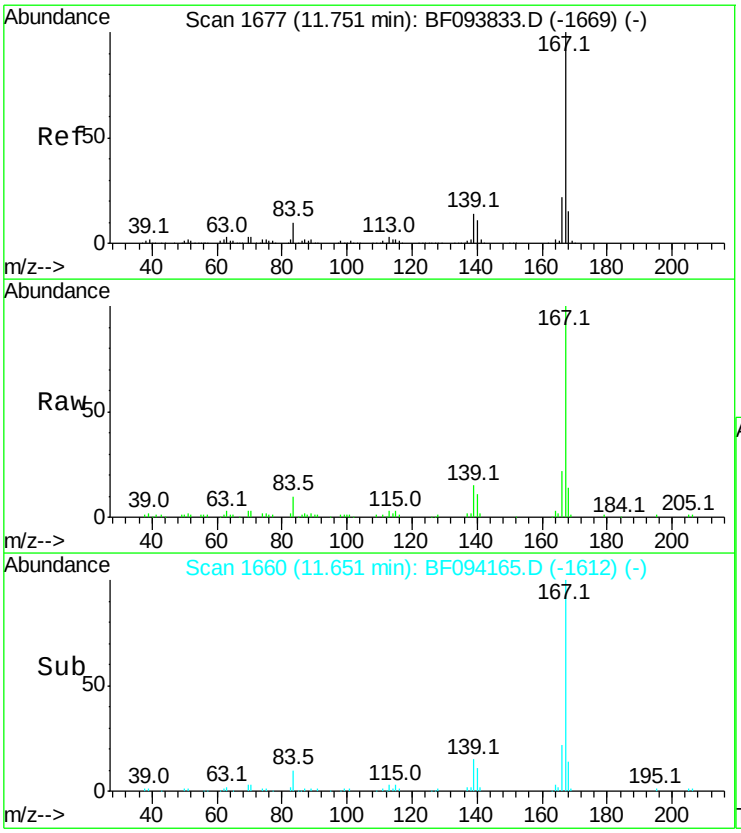
#71
Anthracene
Concen: 7.69 ng
RT: 11.45 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:178 Resp: 171508

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.3	12.7	19.1

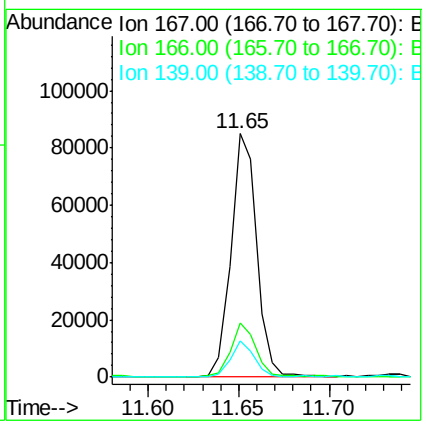


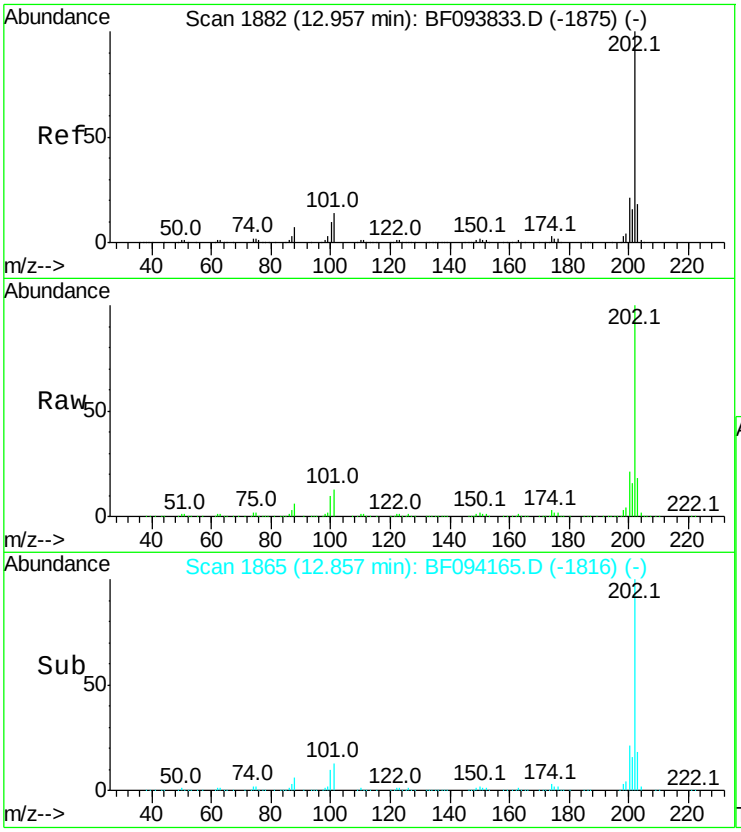


#72
Carbazole
Concen: 3.67 ng
RT: 11.65 min Scan# 1660
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:167 Resp: 83943

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	15.1	11.7	17.5



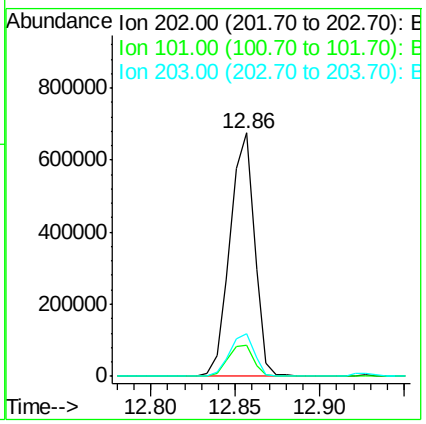


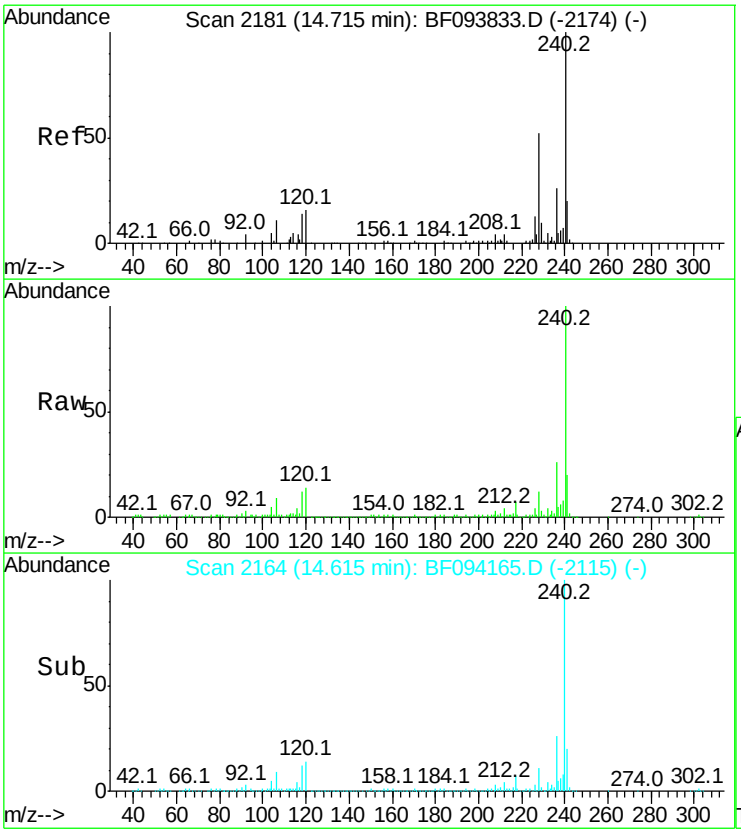
#74
Fluoranthene
Concen: 30.73 ng
RT: 12.86 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSDL

Tgt Ion:202 Resp: 681833

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.6	0.0	38.1

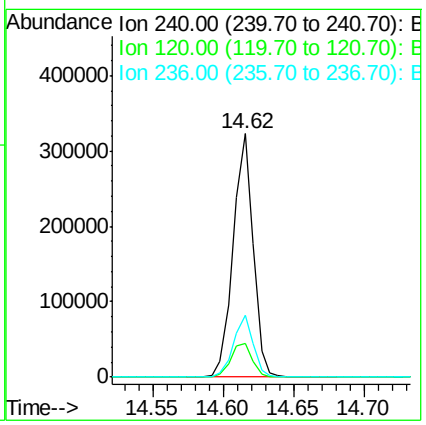


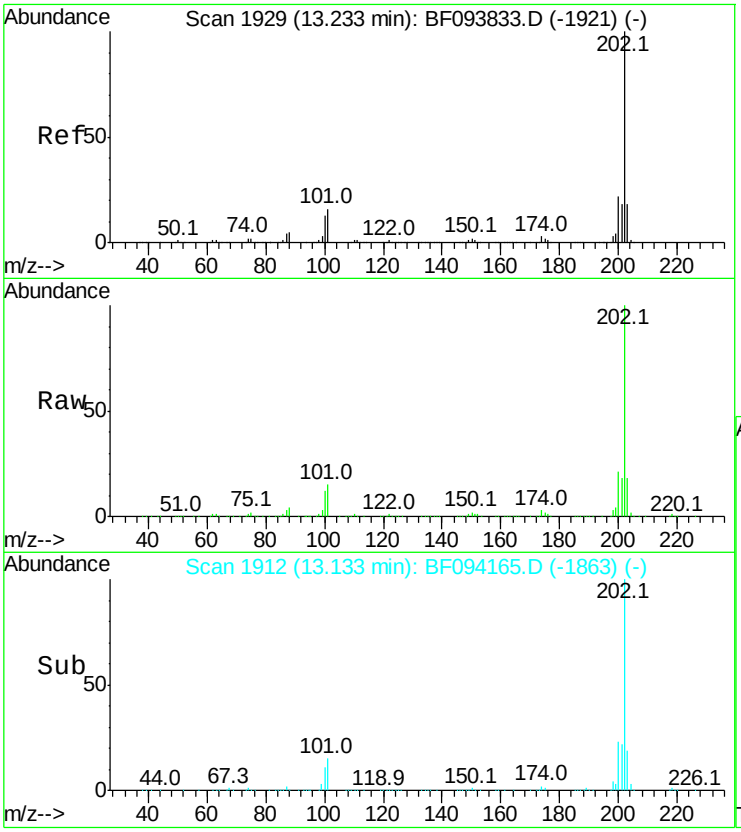


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:240 Resp: 319695

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.6	20.5	30.7



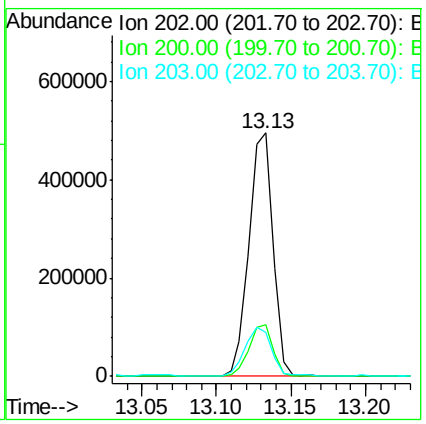


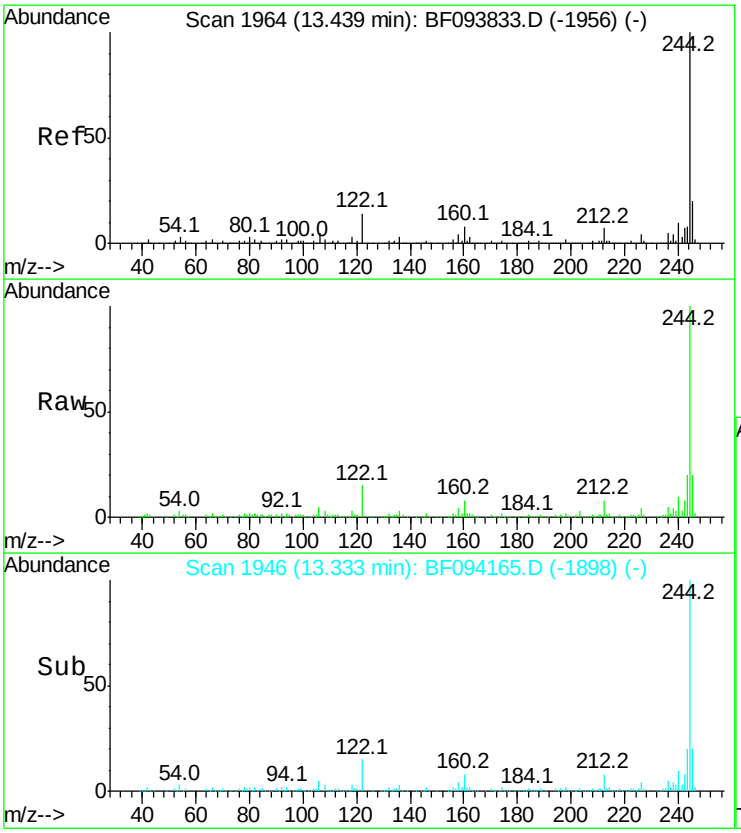
#77
Pyrene
Concen: 23.71 ng
RT: 13.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:202 Resp: 550184

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.1	14.4	21.6

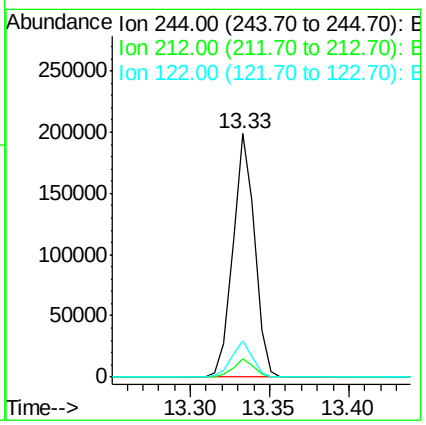


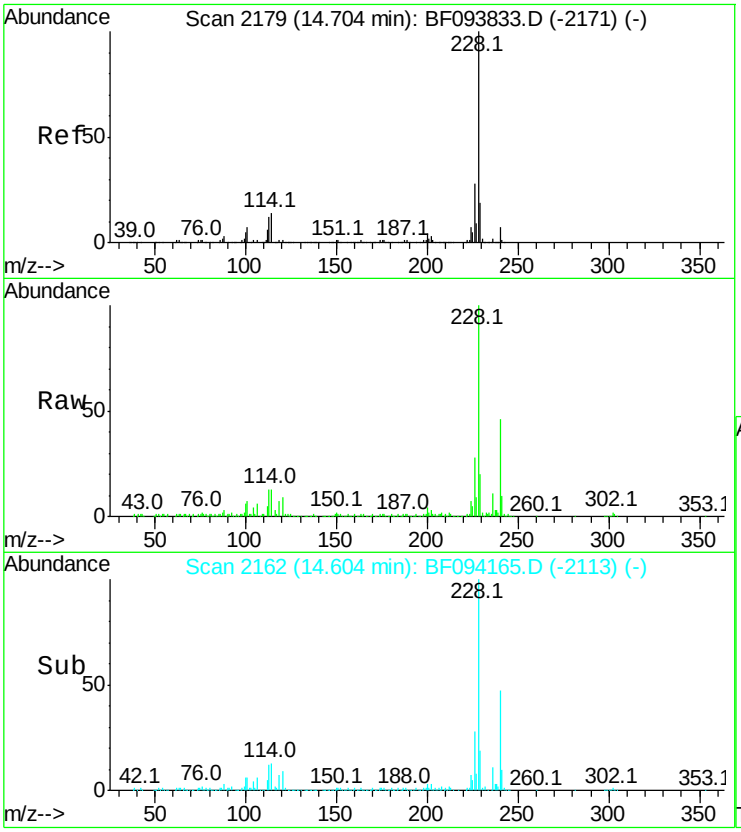


#78
Terphenyl-d14
Concen: 13.17 ng
RT: 13.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:244 Resp: 187845

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	14.8	10.3	15.5



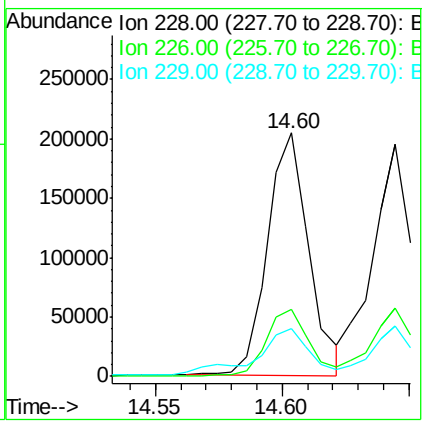


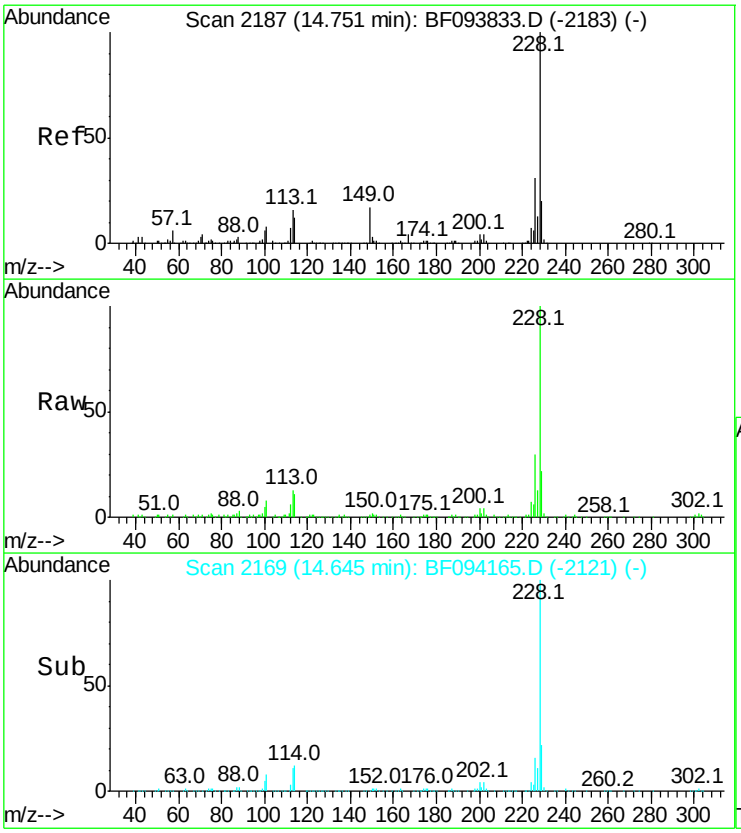
#80
Benzo(a)anthracene
Concen: 12.53 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:228 Resp: 233600

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	16.3	24.5

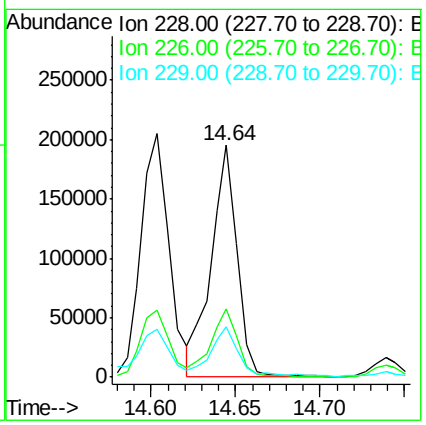


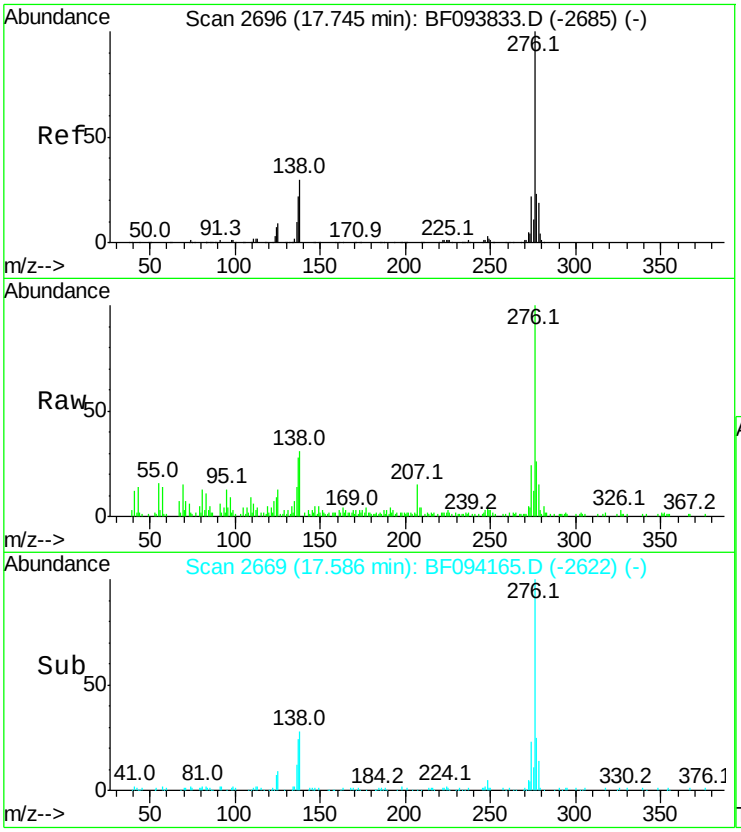


#82
Chrysene
Concen: 12.08 ng
RT: 14.64 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:228 Resp: 209049

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.9	15.8	23.6



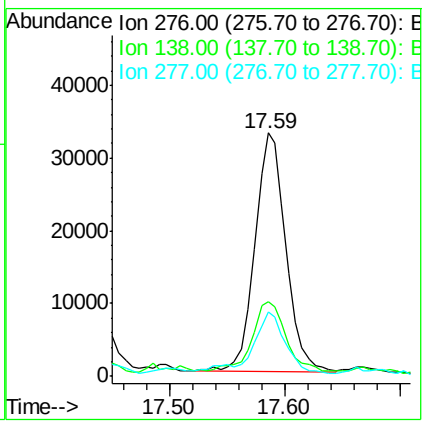


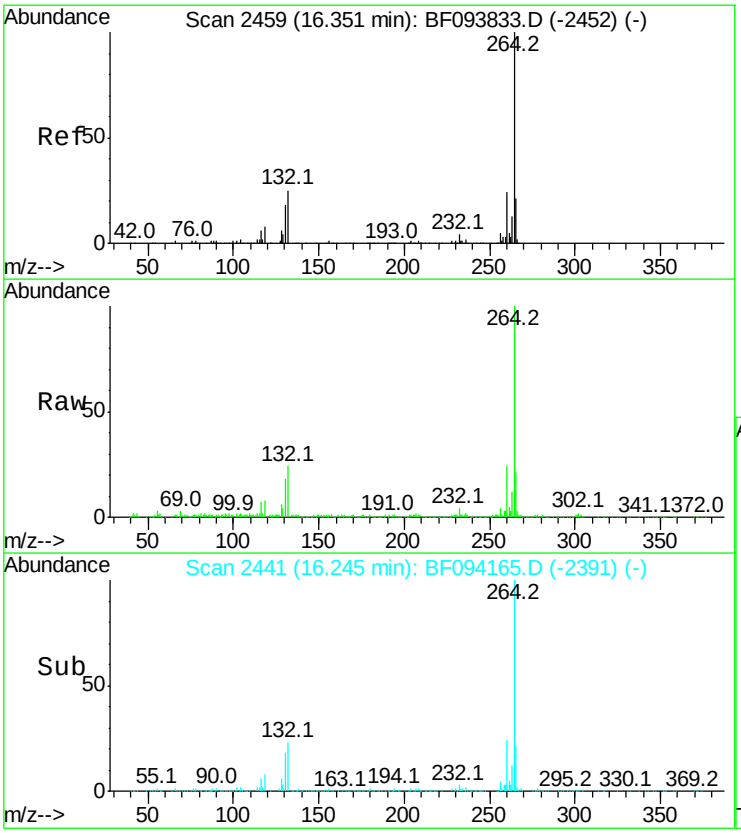
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.07 ng
RT: 17.59 min Scan# 2669
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:276 Resp: 61040

Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	28.7	20.2	30.4

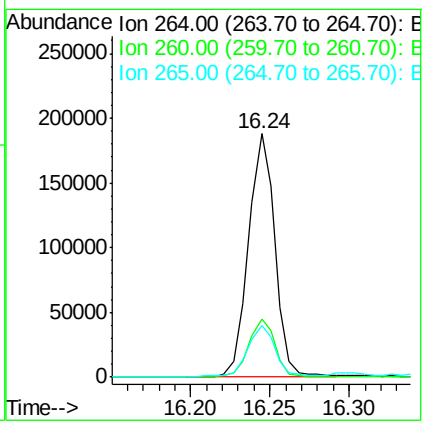


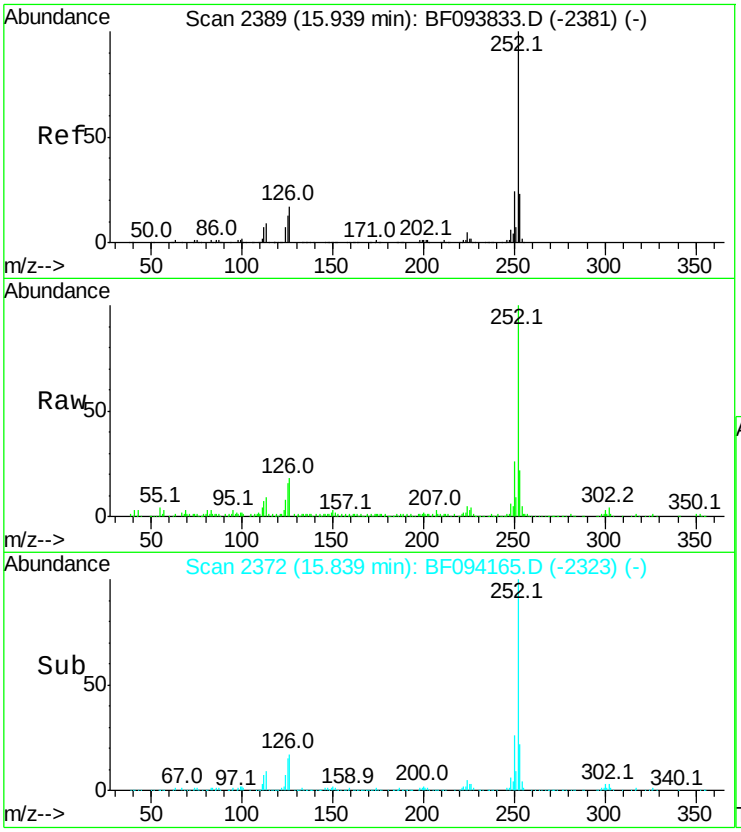


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:264 Resp: 218077

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.4	17.2	25.8



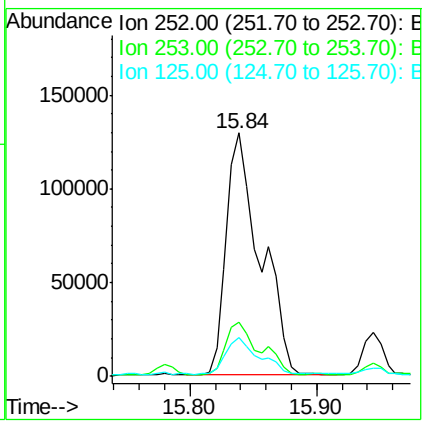


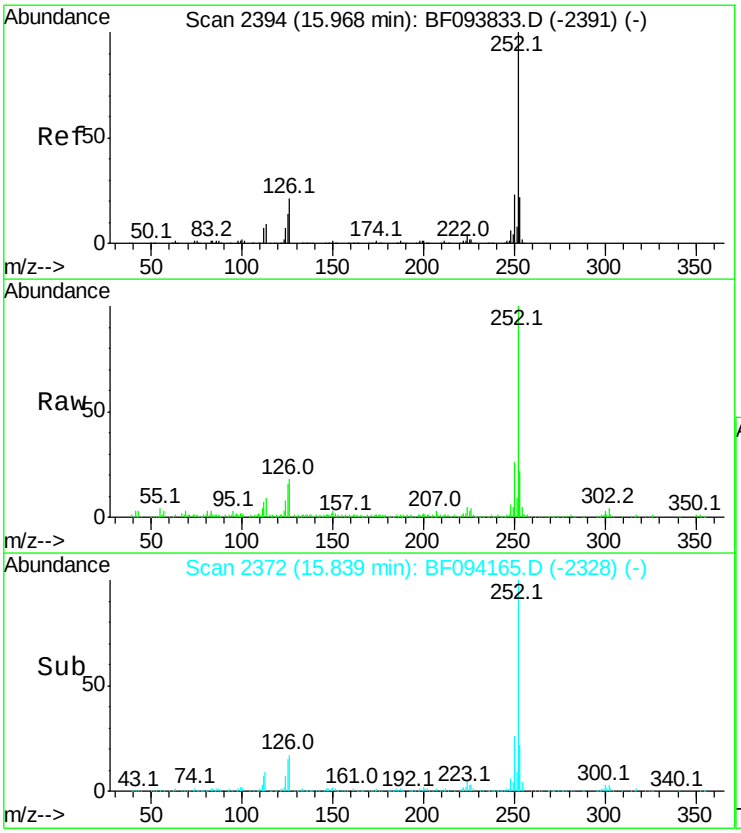
#87
Benzo(b)fluoranthene
Concen: 18.10 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:252 Resp: 241951

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	15.8	9.8	14.8#

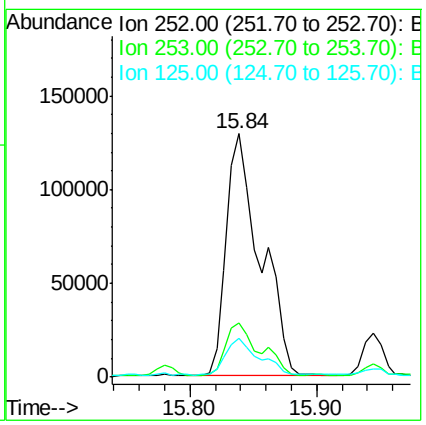


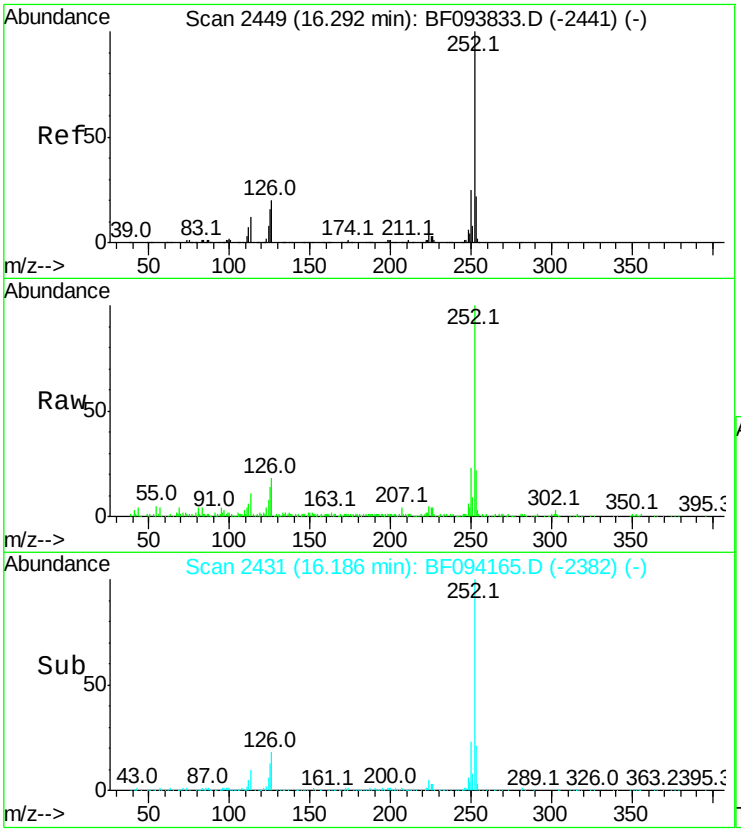


#88
Benzo(k)fluoranthene
Concen: 18.50 ng
RT: 15.84 min Scan# 2372
Delta R.T. -0.04 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:252 Resp: 241951

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	15.8	13.1	19.7



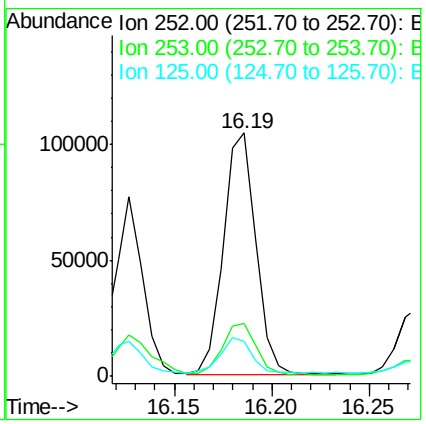


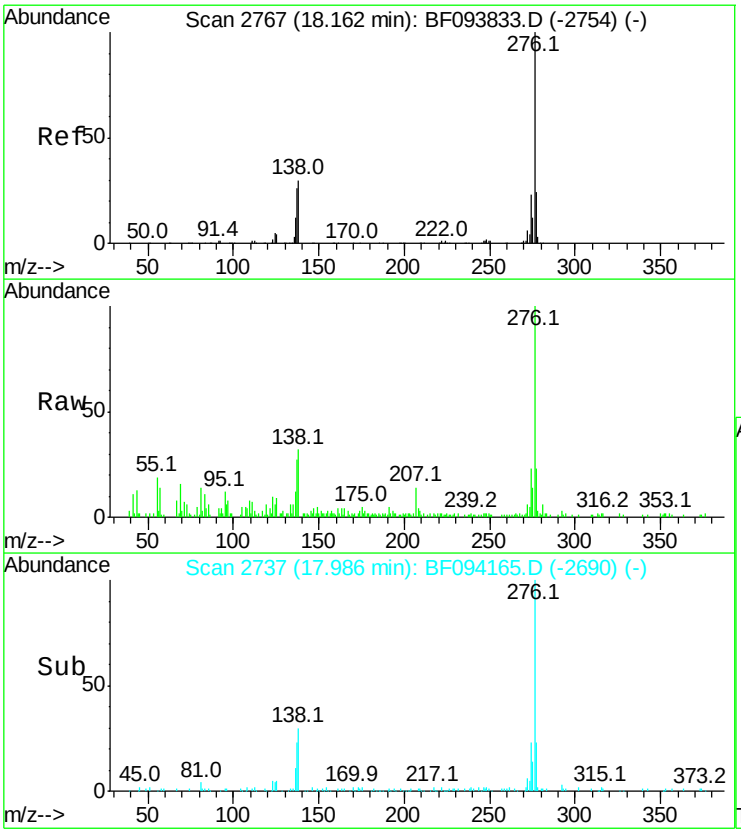
#89
Benzo(a)pyrene
Concen: 9.84 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Instrument :
BNA_F
ClientSampleId :
E2-U4-WSWDL

Tgt Ion:252 Resp: 121070

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.5	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 5.70 ng
RT: 17.99 min Scan# 2737
Delta R.T. -0.02 min
Lab File: BF094165.D
Acq: 4 Apr 2017 13:12

Tgt Ion:276 Resp: 59852

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	31.9	25.4	38.0