Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094566.D
Acq On : 21 Apr 2017 16:55
Operator : SJ/MA
Sample : I2783-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 21 23:34:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	100729	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	423881	20.00	ng		0.00
38) Acenaphthene-d10	9.38	164	195519	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	348936	20.00	ng		-0.01
75) Chrysene-d12	14.45	240	265227	20.00	ng		-0.01
86) Perylene-d12	16.08	264	247478	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	135	0.02	ng		0.04
7) Phenol-d6	5.40	99	9452	1.32	ng		0.00
23) Nitrobenzene-d5	6.41	82	422878	61.60	ng		0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	8.58	172	907380	68.28	ng		0.00
78) Terphenyl-d14	13.18	244	693473	69.89	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.41	70	55496	11.70	ng	#	76
49) Dimethylphthalate	9.08	163	114931	7.89	ng		98
56) 2,4-Dinitrotoluene	9.38	165	25216	6.28	ng	#	32
70) Phenanthrene	11.23	178	91942	4.68	ng		97
74) Fluoranthene	12.70	202	99118	4.87	ng		98
77) Pyrene	12.97	202	84670	4.57	ng		97
80) Benzo(a)anthracene	14.44	228	36365	2.36	ng		95
82) Chrysene	14.48	228	34516	2.45	ng	#	94
87) Benzo(b)fluoranthene	15.68	252	55529	3.67	ng	#	90
88) Benzo(k)fluoranthene	15.68	252	55529	3.88	ng	#	93
89) Benzo(a)pyrene	16.02	252	28984	2.06	ng	#	87

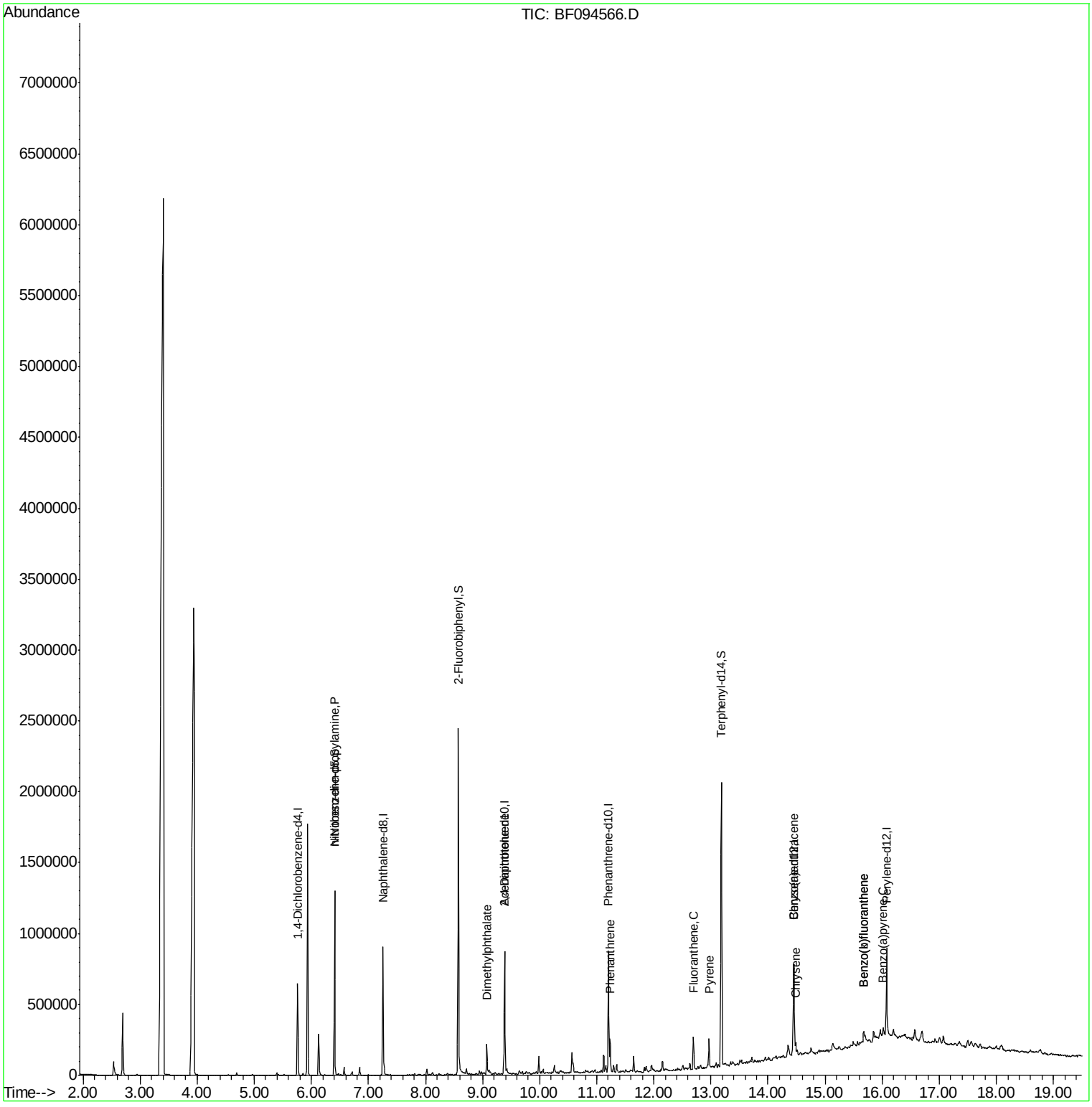
(#) = qualifier out of range (m) = manual integration (+) = signals summed

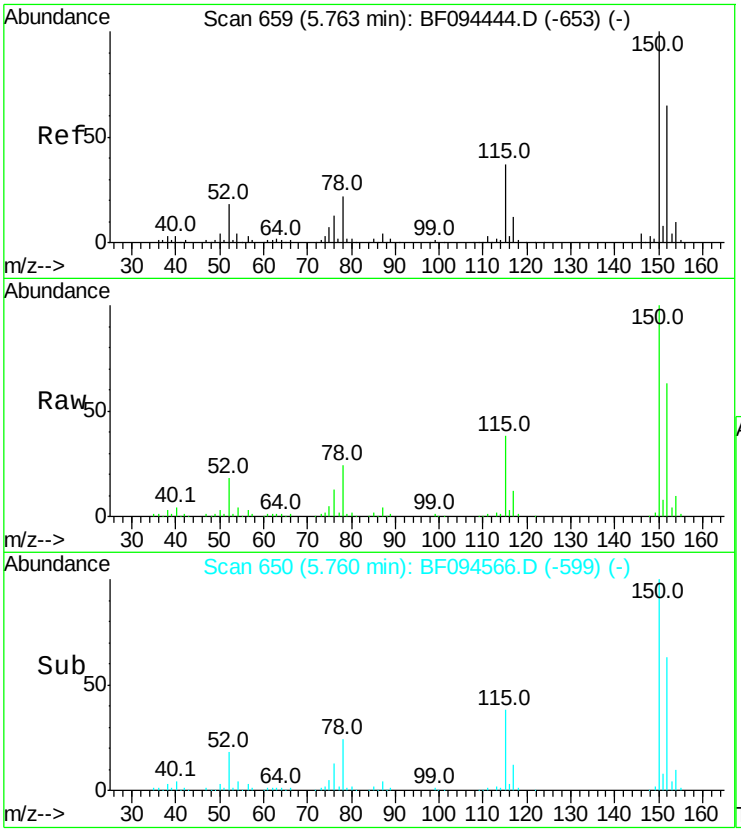
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094566.D
Acq On : 21 Apr 2017 16:55
Operator : SJ/MA
Sample : I2783-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 23:34:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



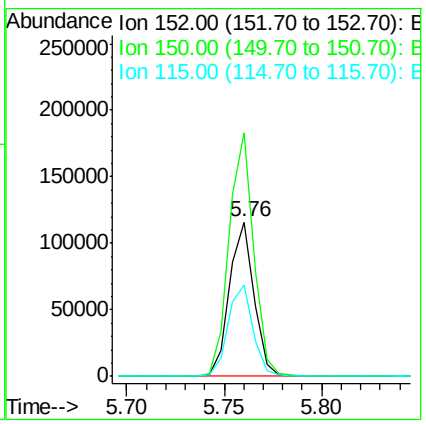


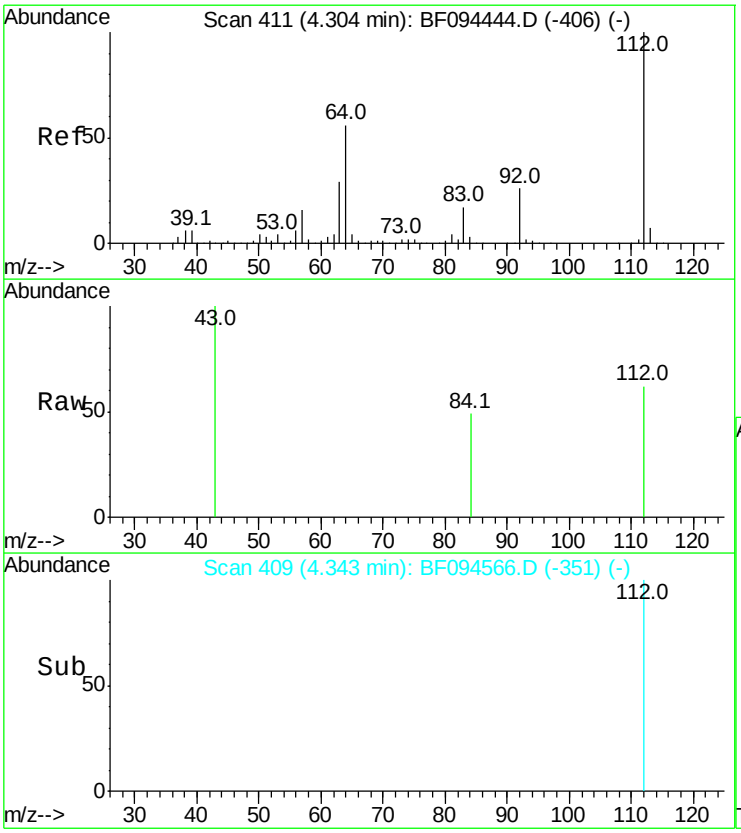
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 100729

Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	59.3	52.2	78.2

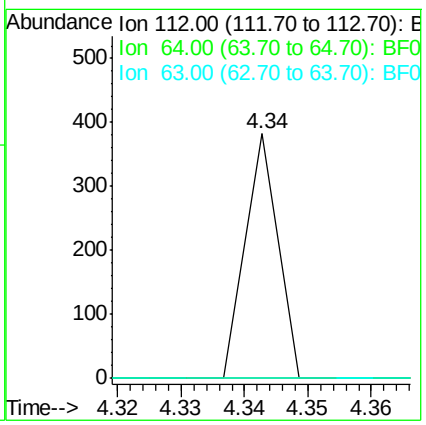


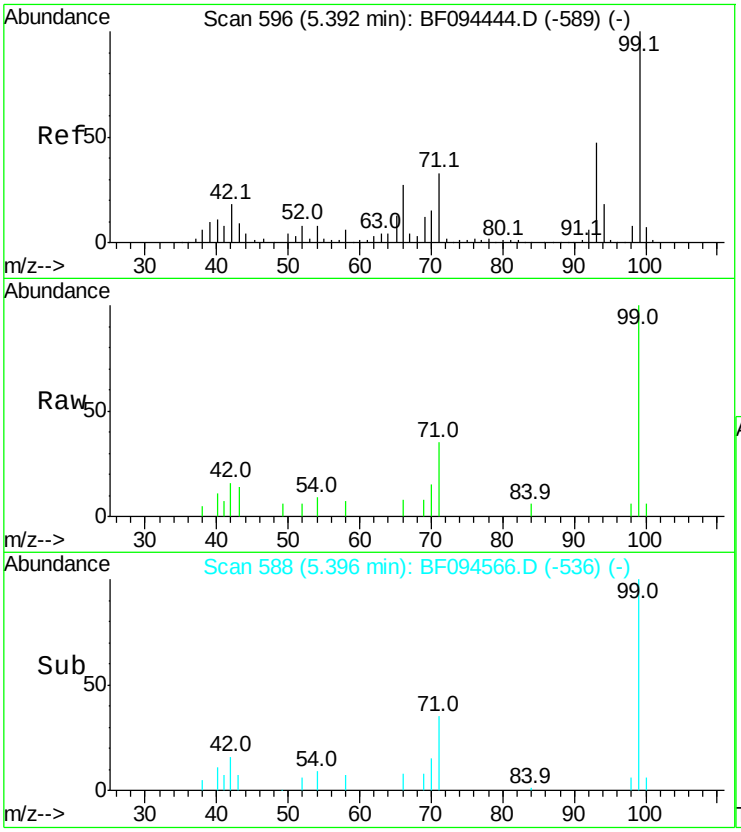


#5
2-Fluorophenol
Concen: 0.02 ng
RT: 4.34 min Scan# 409
Delta R.T. 0.04 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:112 Resp: 135

Ion	Ratio	Lower	Upper
112	100		
64	0.0	46.0	69.0#
63	0.0	23.4	35.0#



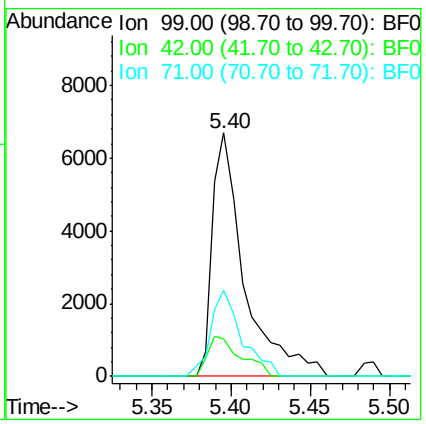


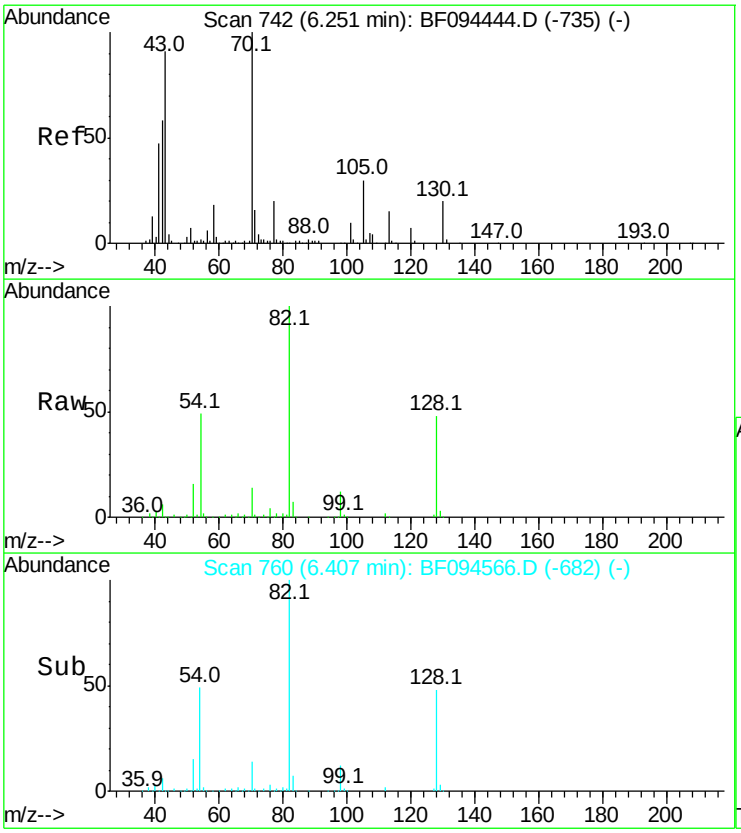
#7
Phenol-d6
Concen: 1.32 ng
RT: 5.40 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 9452

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.5	20.3
71	35.2	24.5	36.7

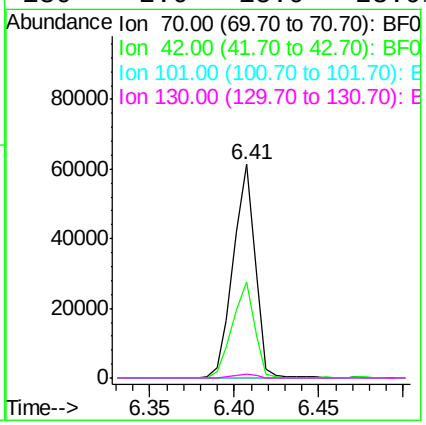


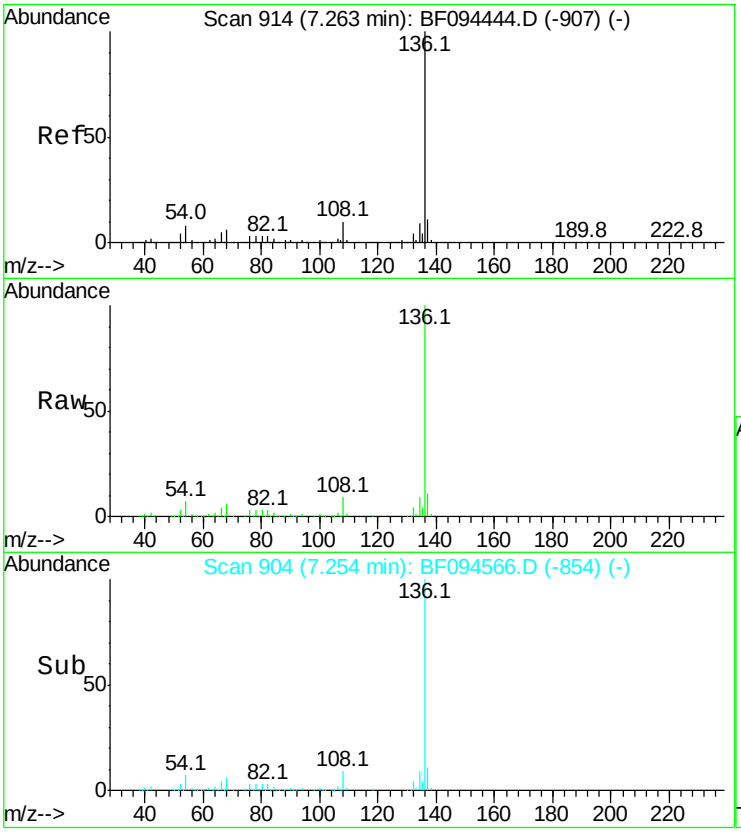


#19
n-Nitroso-di-n-propylamine
Concen: 11.70 ng
RT: 6.41 min Scan# 760
Delta R.T. 0.16 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion: 70 Resp: 55496

Ion	Ratio	Lower	Upper
70	100		
42	44.8	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#

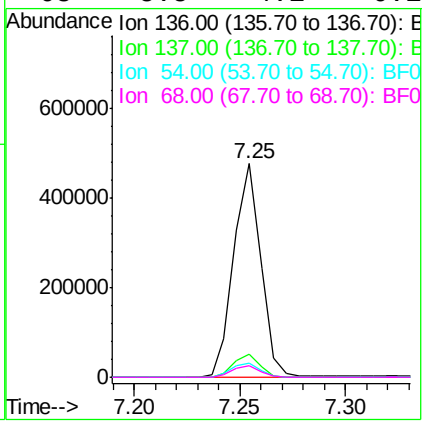




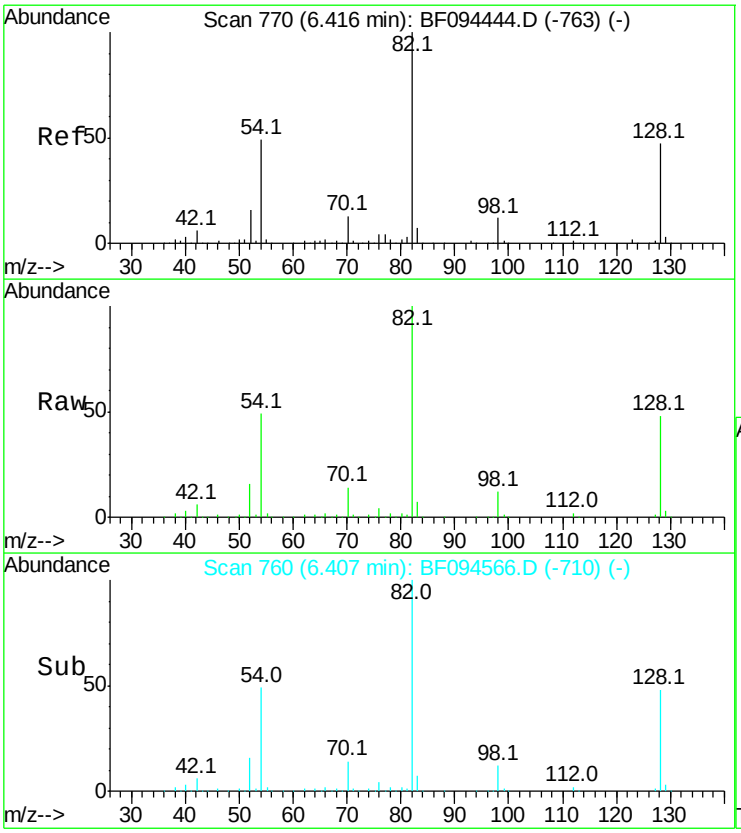
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:136 Resp: 423881

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1



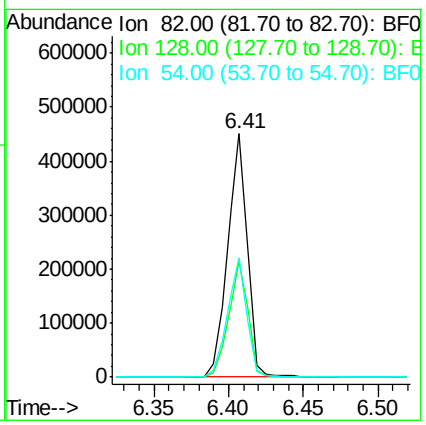
Instrument :
BNA_F
ClientSampleId :

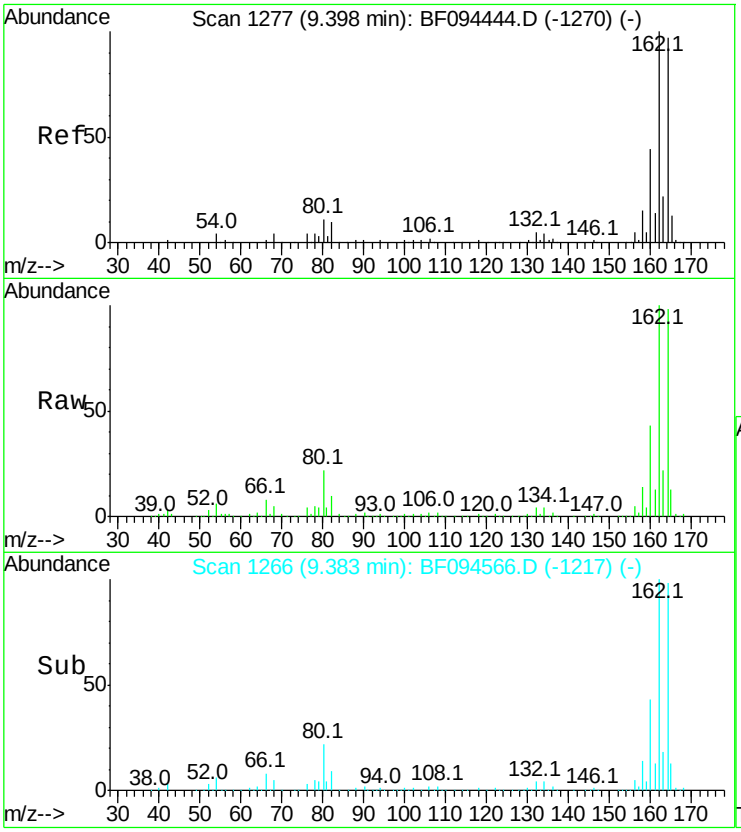


#23
Nitrobenzene-d5
Concen: 61.60 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion: 82 Resp: 422878

Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	49.2	42.2	63.2



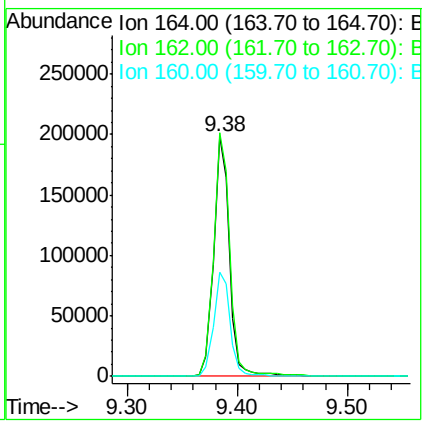


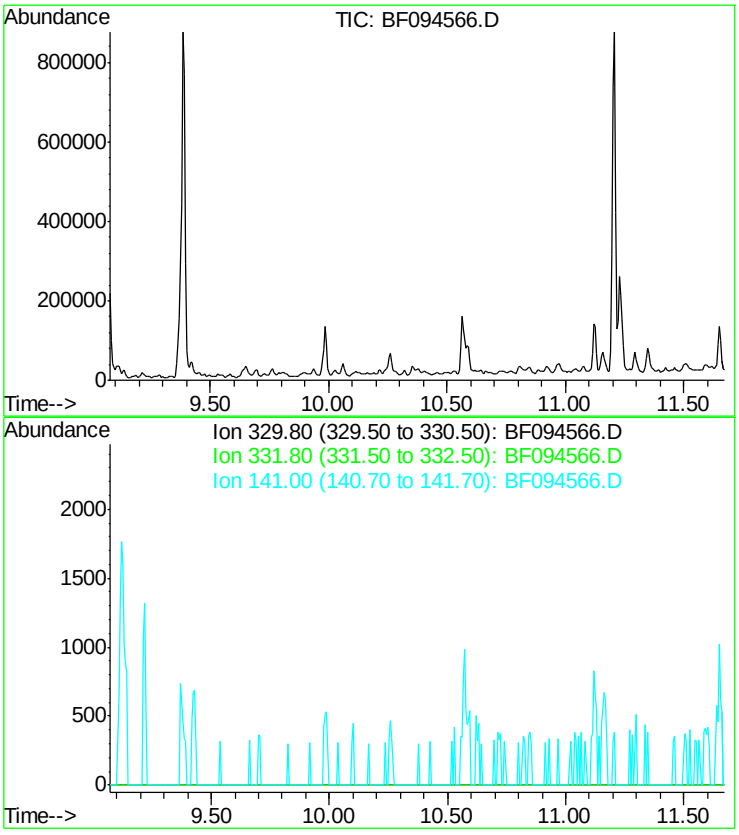
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 195519

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	123.8
160	43.6	36.2	54.2



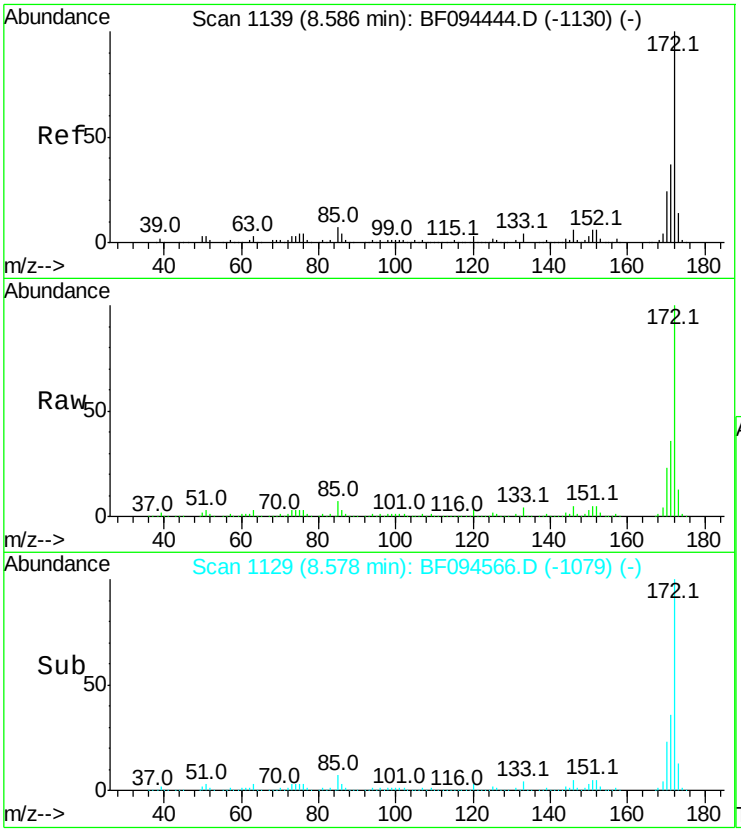


#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.37 min

Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3

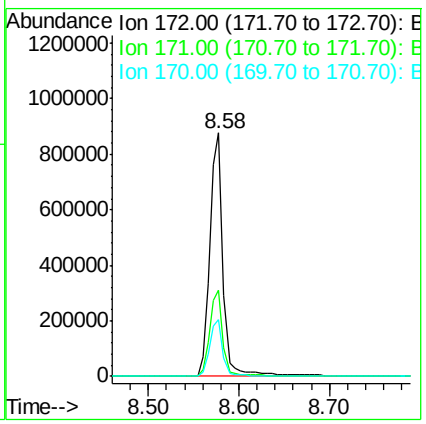


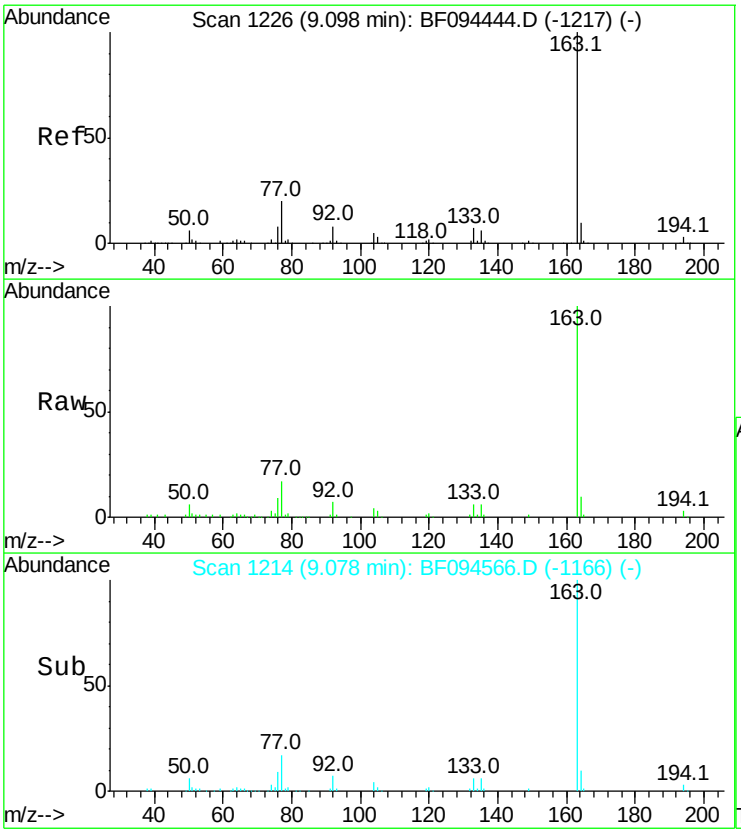
#44
2-Fluorobiphenyl
Concen: 68.28 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 907380

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.3	19.8	29.8

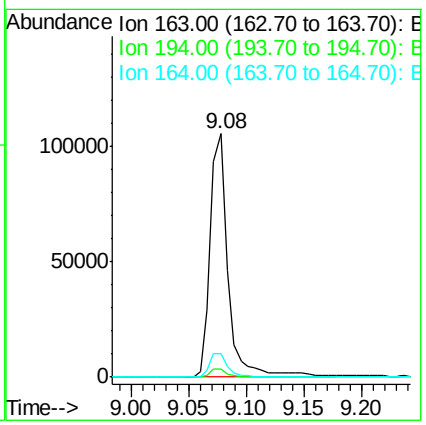


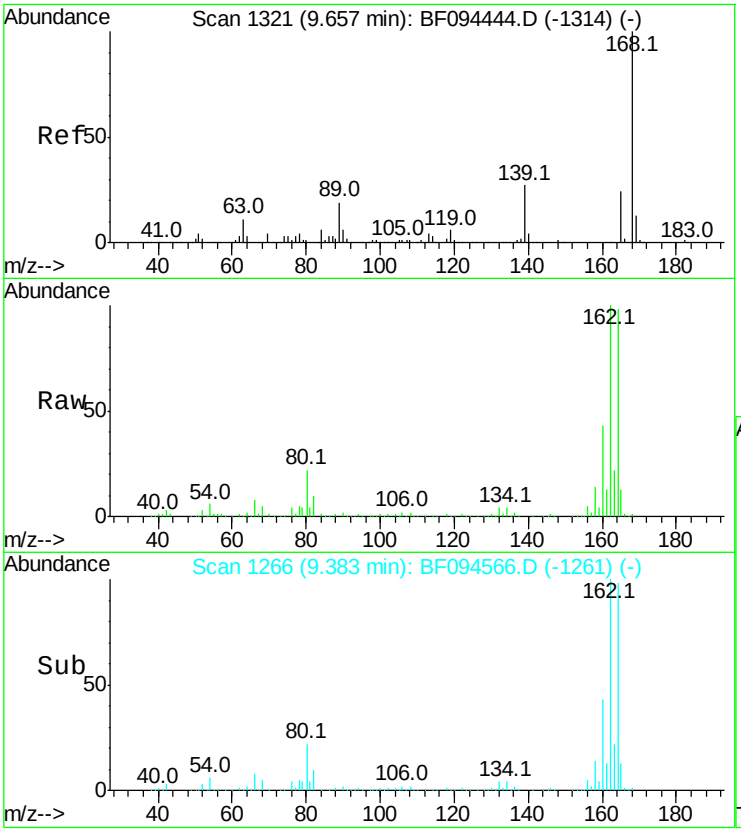


#49
Dimethylphthalate
Concen: 7.89 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:163 Resp: 114931

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.7	8.4	12.6



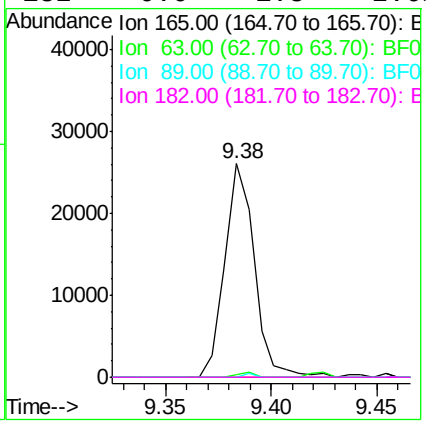


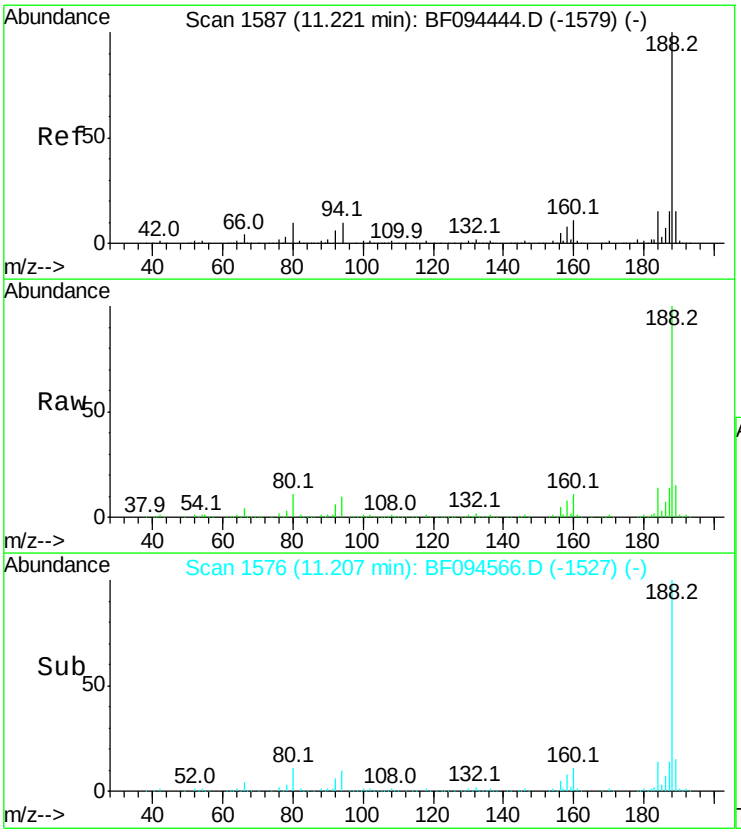
#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.38 min Scan# 1266
Delta R.T. -0.27 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25216

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

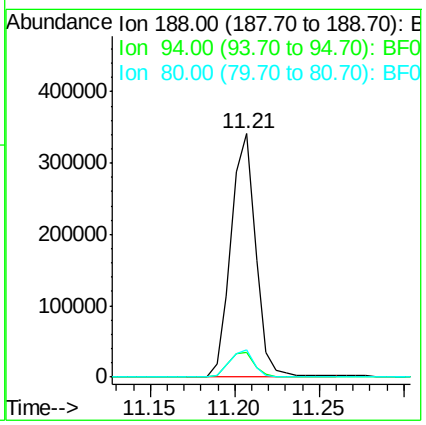


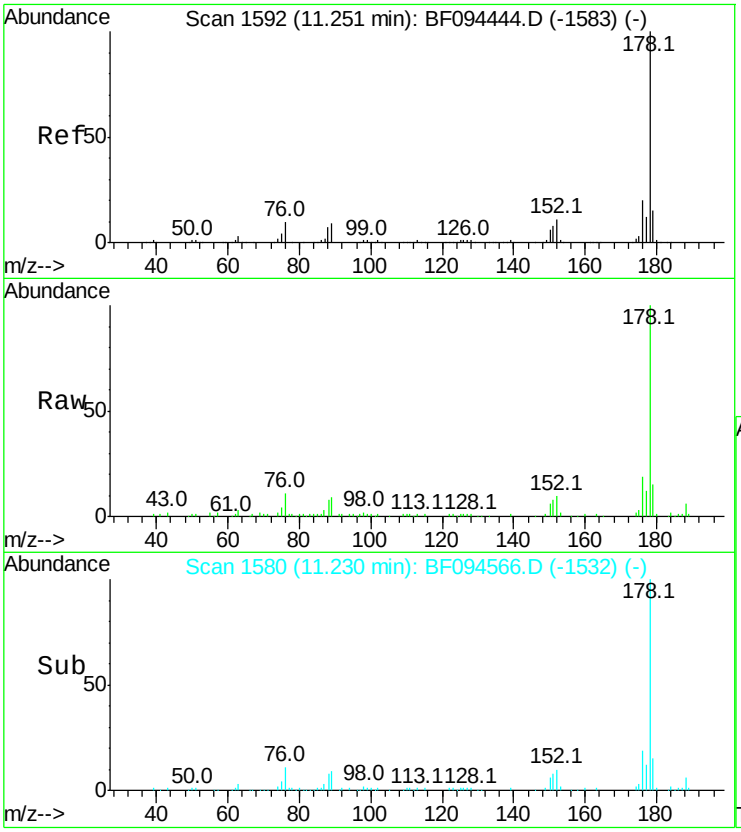


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:188 Resp: 348936

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	11.1	10.2	15.2



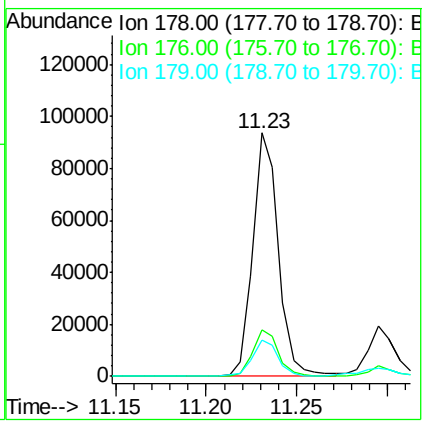


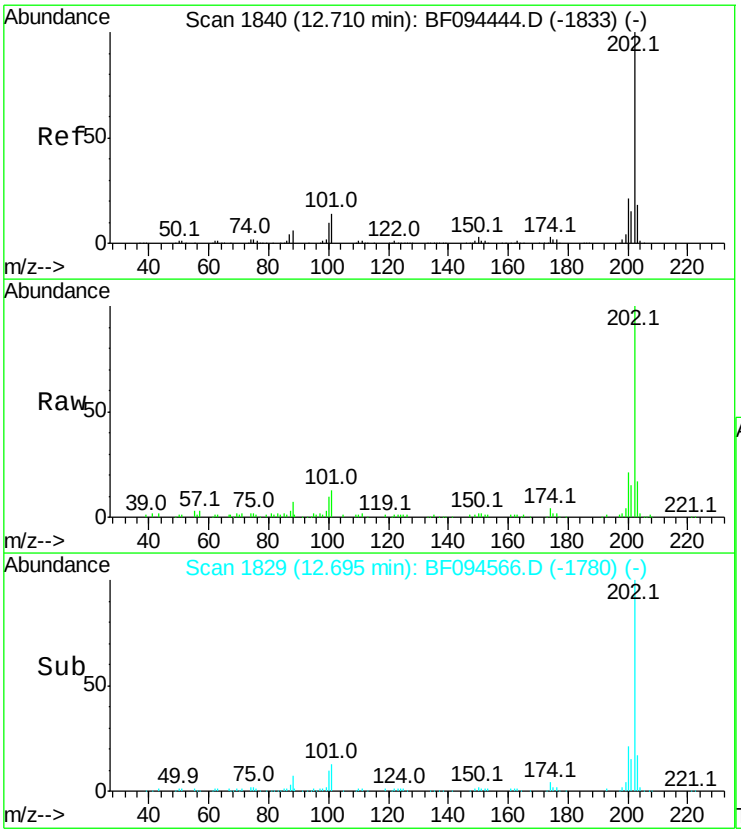
#70
Phenanthrene
Concen: 4.68 ng
RT: 11.23 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 91942

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.8	12.6	19.0

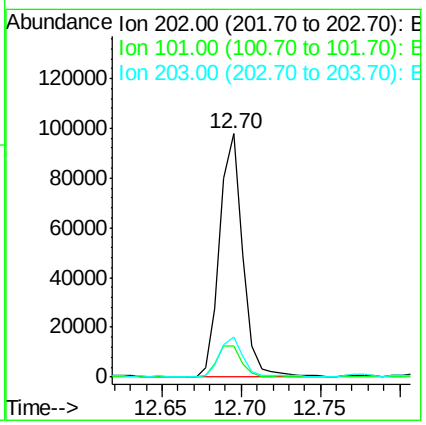


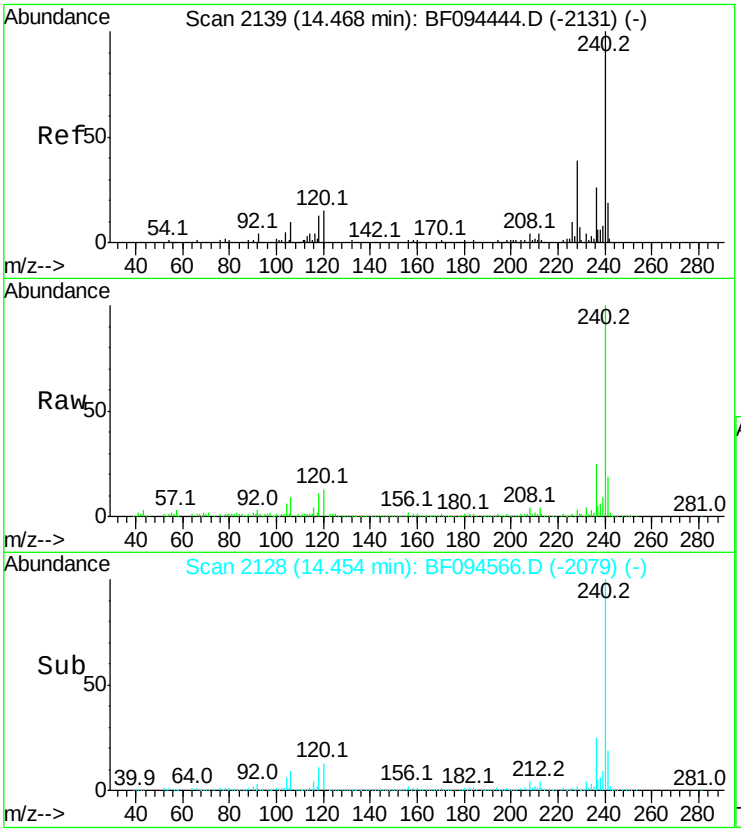


#74
Fluoranthene
Concen: 4.87 ng
RT: 12.70 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:202 Resp: 99118

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	16.7	0.0	38.1



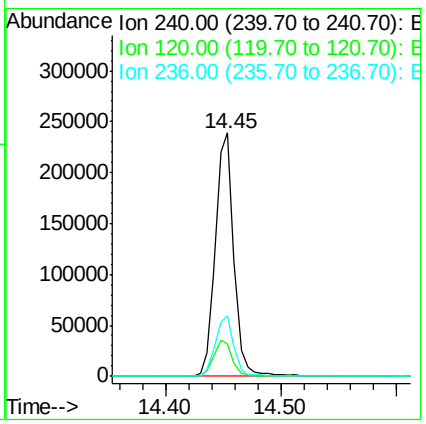


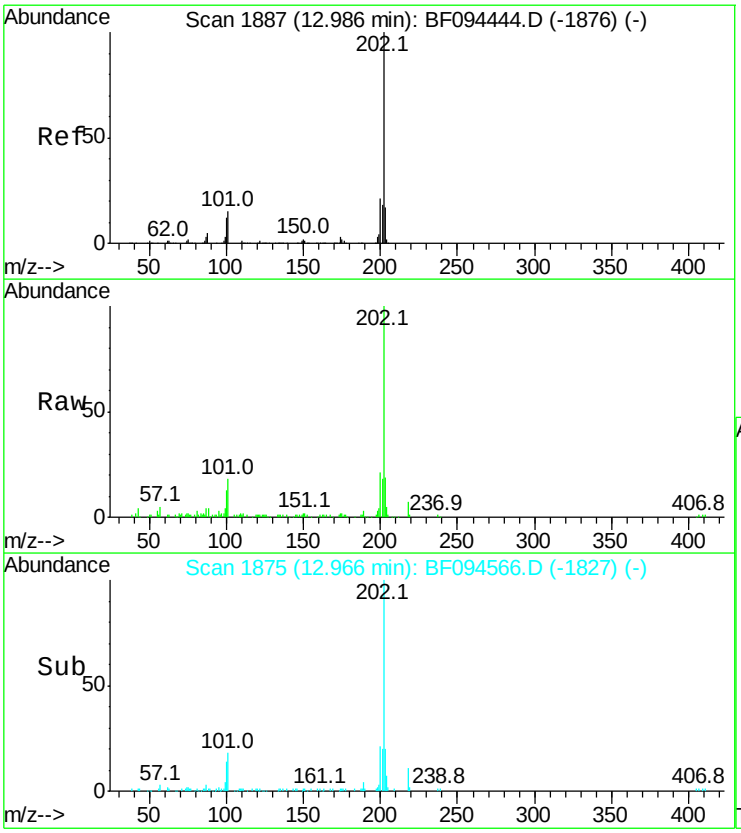
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 265227

Ion	Ratio	Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	24.8	20.5	30.7

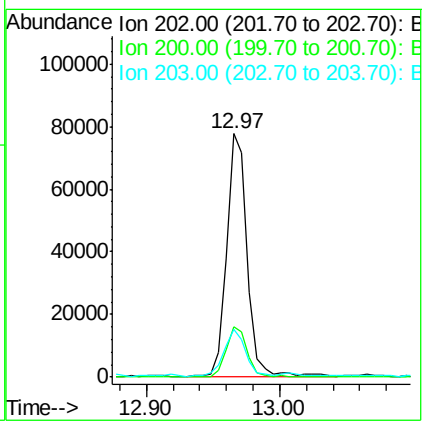


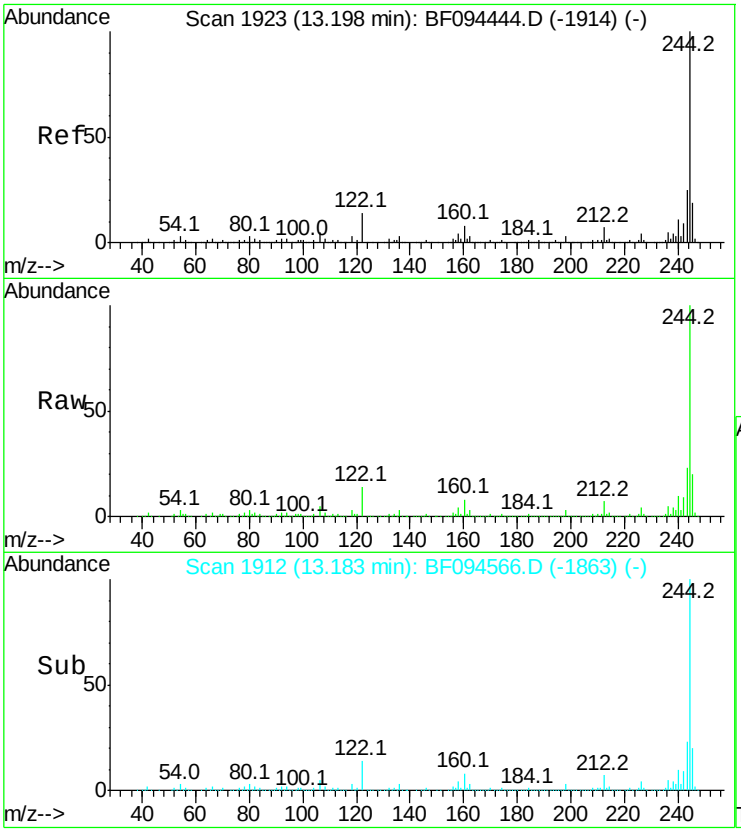


#77
Pyrene
Concen: 4.57 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.02 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:202 Resp: 84670

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	19.5	14.4	21.6



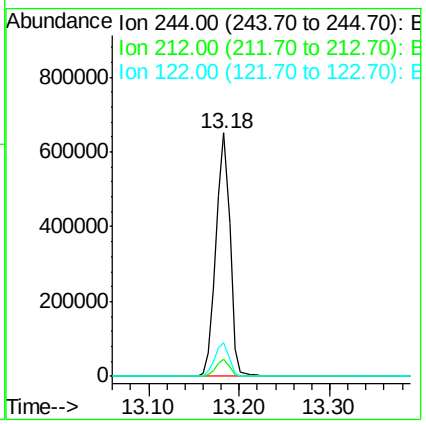


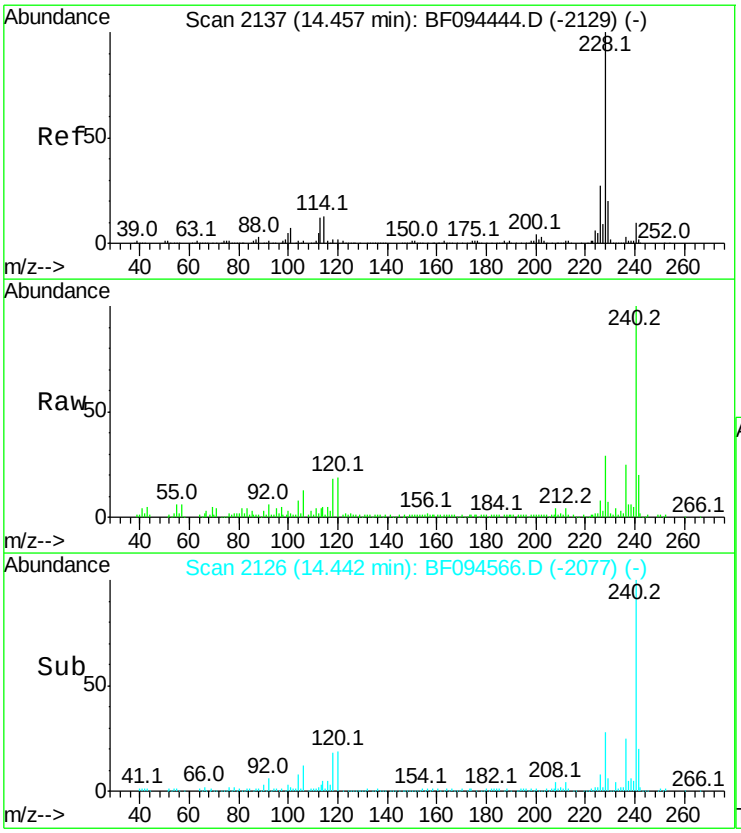
#78
Terphenyl-d14
Concen: 69.89 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 693473

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.0	10.3	15.5

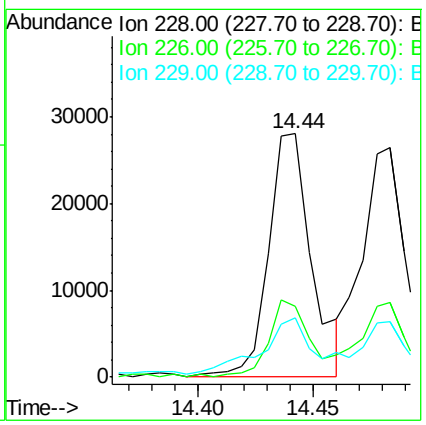


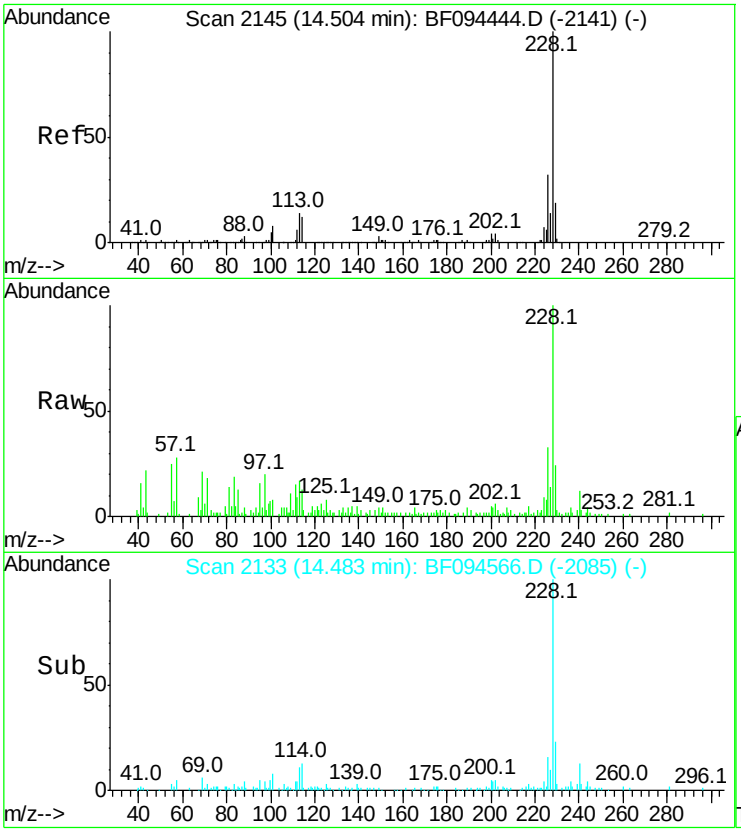


#80
Benzo(a)anthracene
Concen: 2.36 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:228 Resp: 36365

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	24.4	16.3	24.5



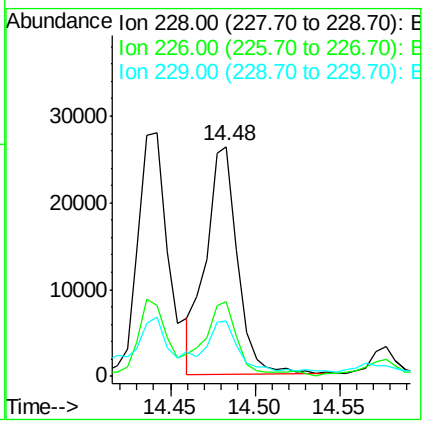


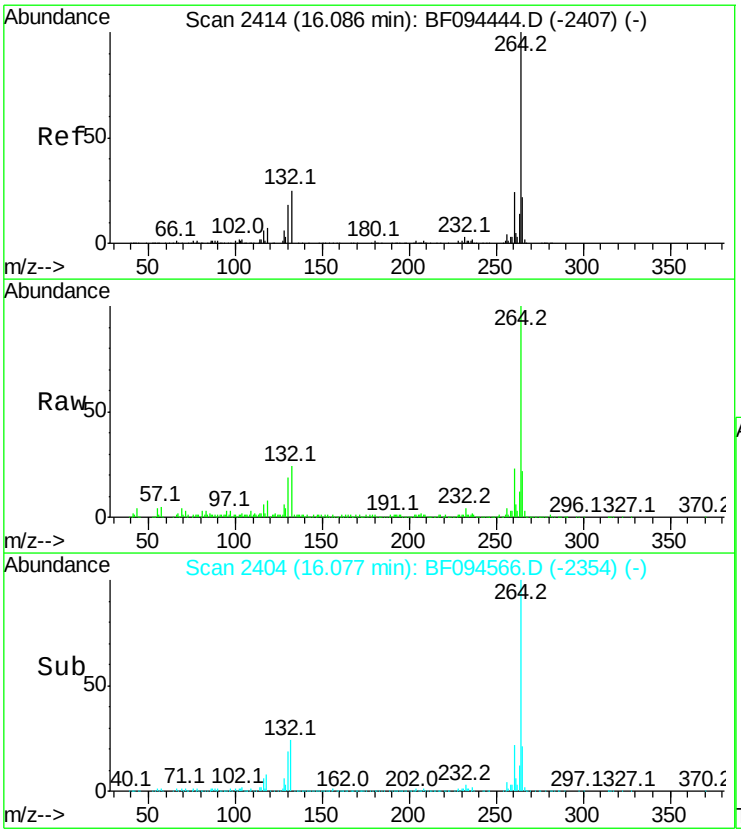
#82
Chrysene
Concen: 2.45 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 34516

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	24.3	15.8	23.6#

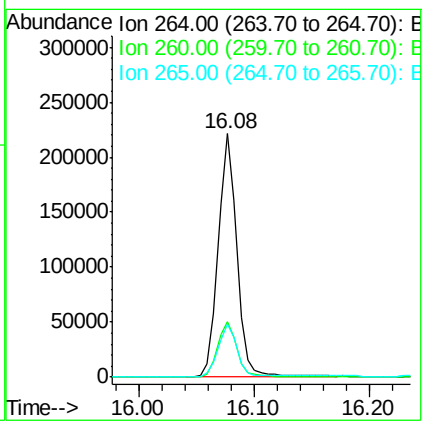


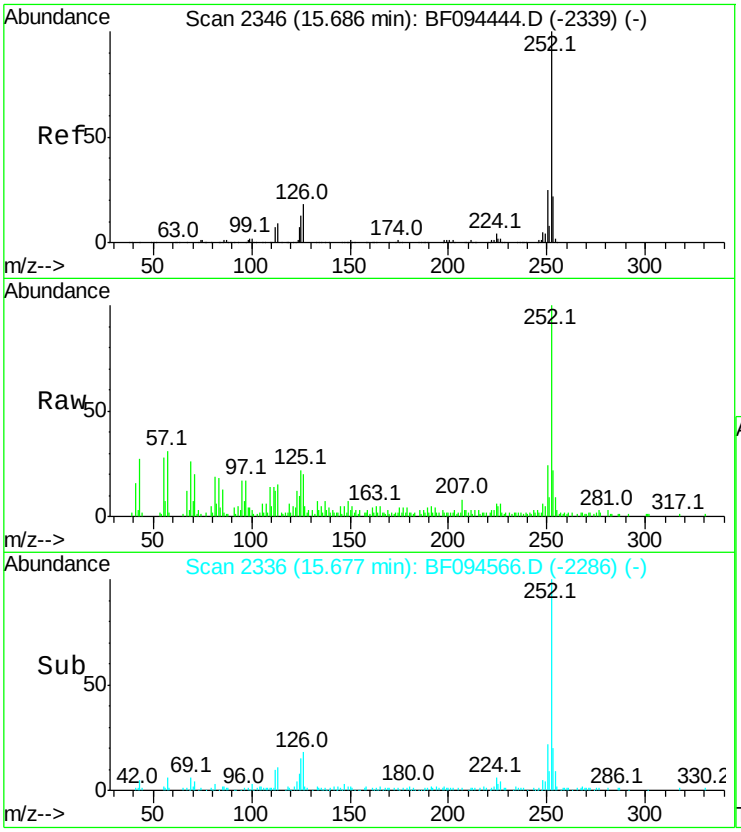


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:264 Resp: 247478

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.7	17.2	25.8



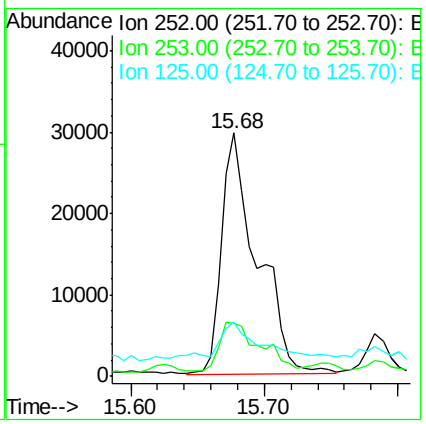


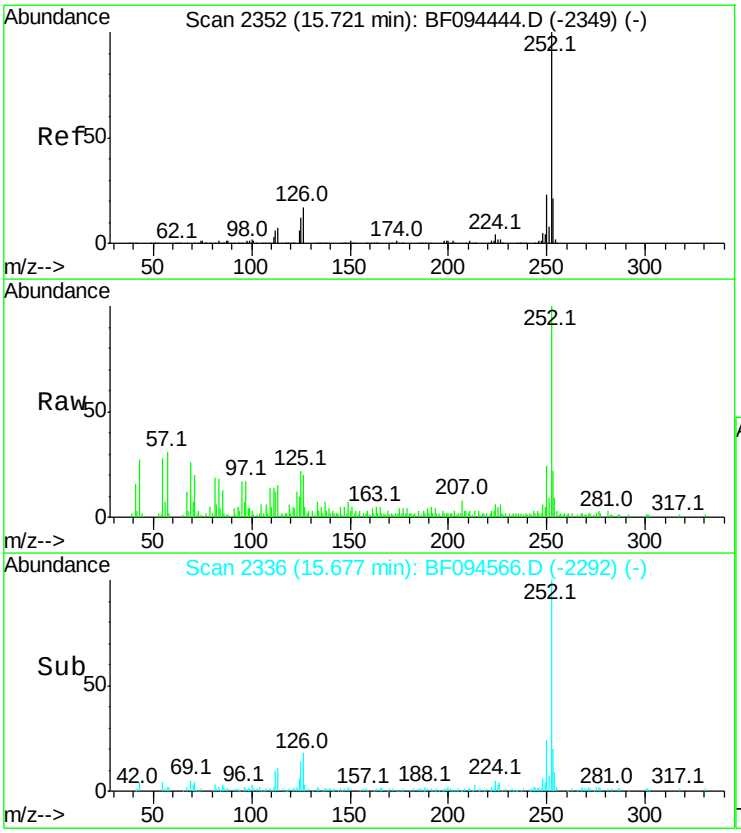
#87
Benzo(b)fluoranthene
Concen: 3.67 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 55529

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	22.1	9.8	14.8#

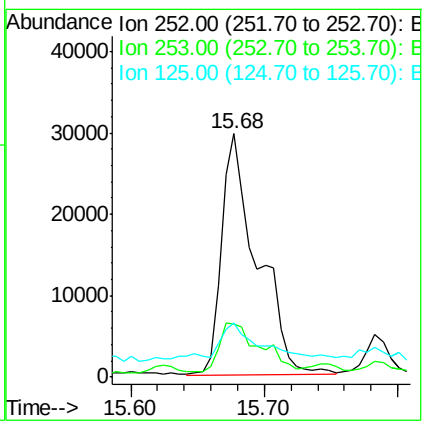


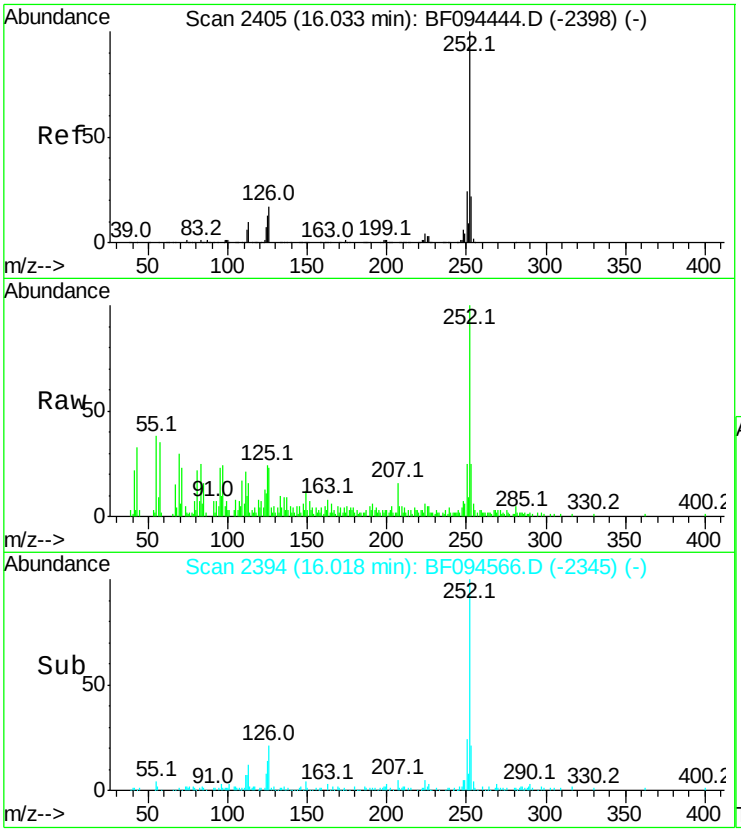


#88
Benzo(k)fluoranthene
Concen: 3.88 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.04 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Tgt Ion:252 Resp: 55529

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	22.1	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.06 ng
RT: 16.02 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BF094566.D
Acq: 21 Apr 2017 16:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 28984

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	23.6	11.0	16.4#