Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 21 23:35:02 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	111055	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	443517	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	209323	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	354555	20.00	ng		-0.01
75) Chrysene-d12	14.45	240	274362	20.00	ng		-0.01
86) Perylene-d12	16.08	264	256986	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	755114	112.81	ng		0.00
7) Phenol-d6	5.39	99	918840	116.44	ng		0.00
23) Nitrobenzene-d5	6.41	82	560100	77.98	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	189118	115.51	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1017964	71.55	ng		0.00
78) Terphenyl-d14	13.18	244	753903	73.45	ng		-0.01
Target Compounds							Qvalue
10) Phenol	5.40	94	53602	5.53	ng		88
19) n-Nitroso-di-n-propylamine	6.41	70	74034	14.16	ng	#	76
49) Dimethylphthalate	9.08	163	256458	16.44	ng		99
56) 2,4-Dinitrotoluene	9.39	165	26750	6.23	ng	#	33
70) Phenanthrene	11.24	178	49246	2.47	ng		97
74) Fluoranthene	12.69	202	83121	4.02	ng		98
77) Pyrene	12.97	202	73555	3.84	ng		99
80) Benzo(a)anthracene	14.44	228	35184	2.21	ng		95
82) Chrysene	14.48	228	33443	2.29	ng		97
87) Benzo(b)fluoranthene	15.68	252	58385	3.71	ng	#	91
88) Benzo(k)fluoranthene	15.68	252	58385	3.92	ng	#	95

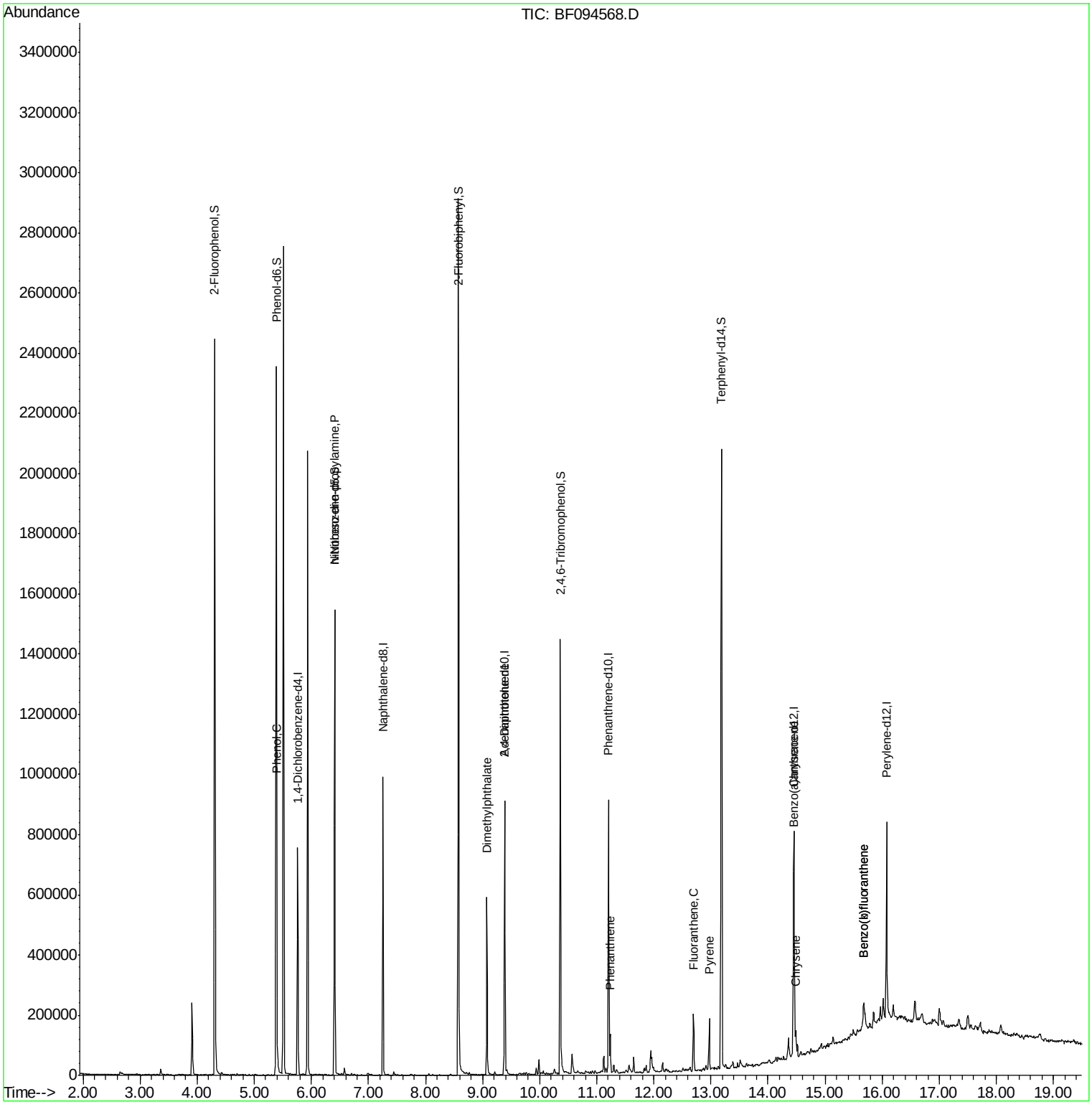
(#) = qualifier out of range (m) = manual integration (+) = signals summed

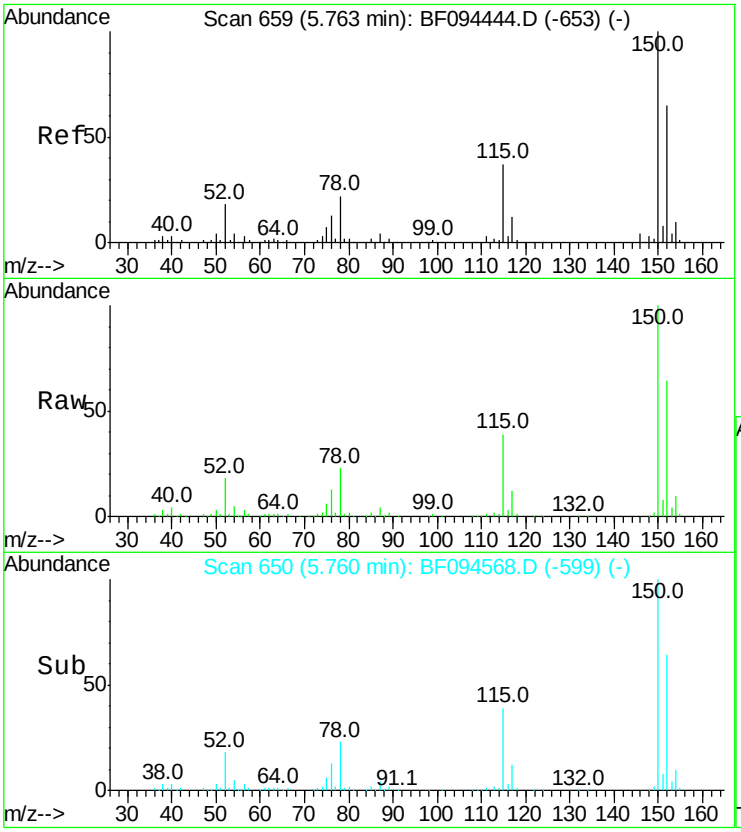
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094568.D
Acq On : 21 Apr 2017 17:51
Operator : SJ/MA
Sample : I2784-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 21 23:35:02 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



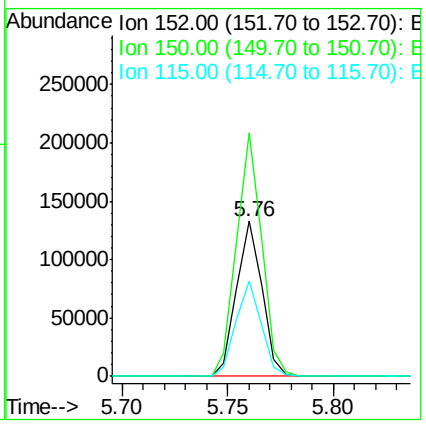


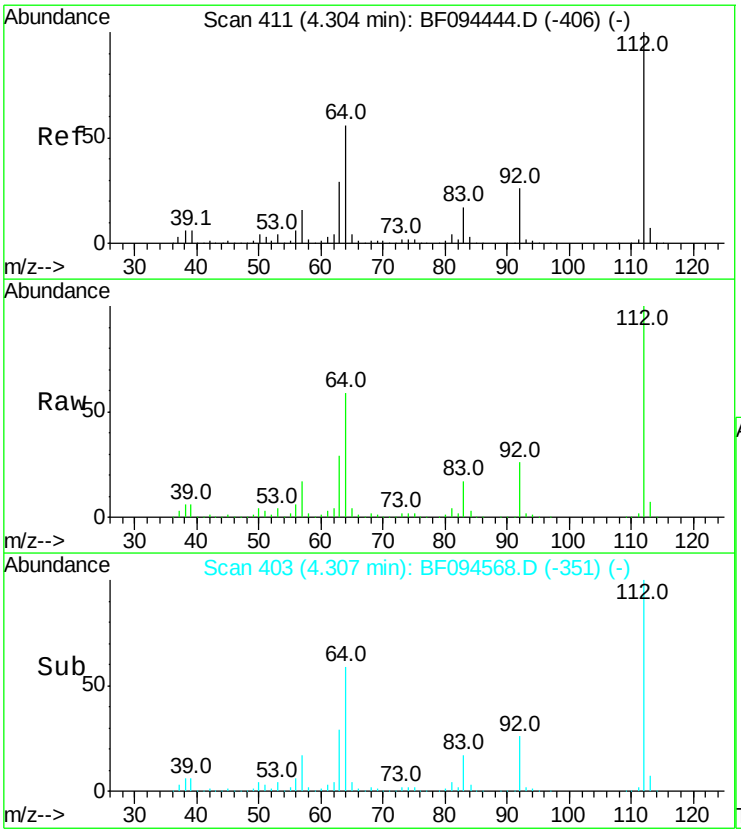
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 111055

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.2	189.2
115	61.6	52.2	78.2

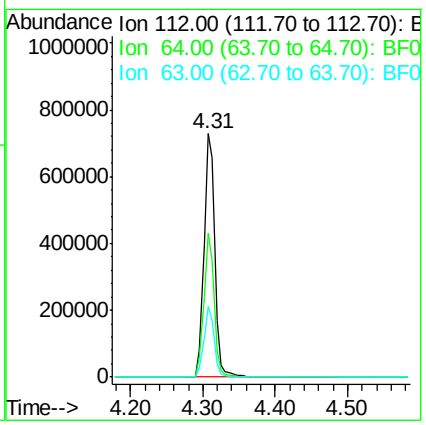


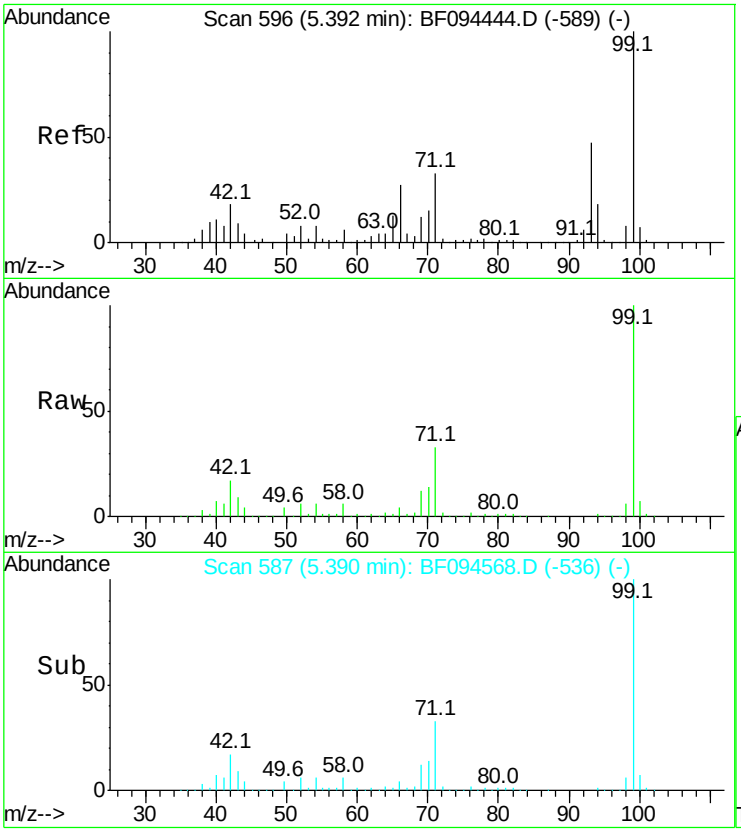


#5
2-Fluorophenol
Concen: 112.81 ng
RT: 4.31 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:112 Resp: 755114

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.0	69.0
63	29.1	23.4	35.0



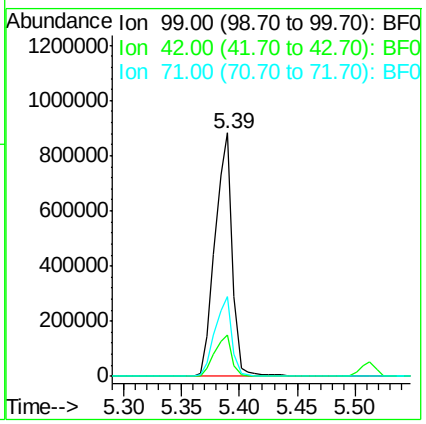


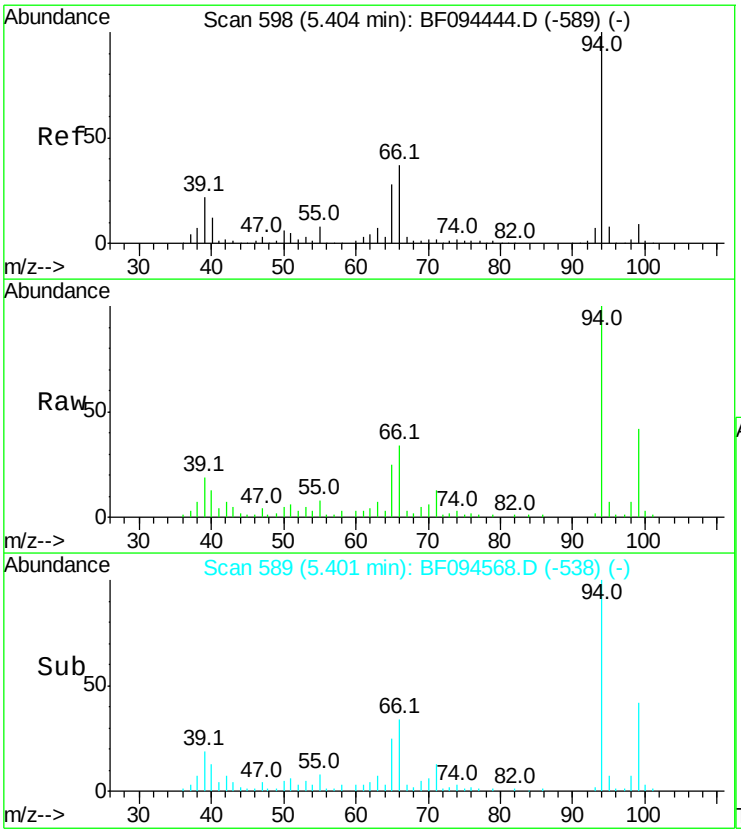
#7
Phenol-d6
Concen: 116.44 ng
RT: 5.39 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 918840

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.6	24.5	36.7

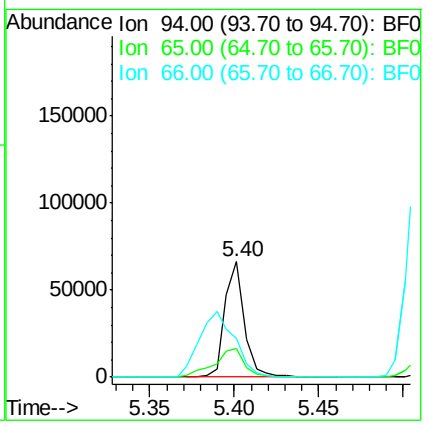


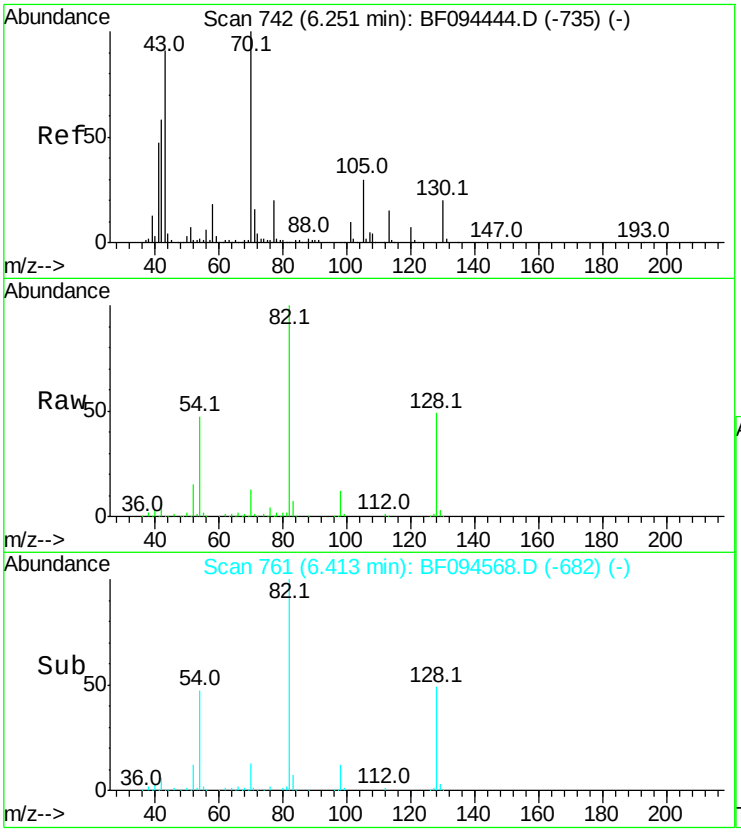


#10
Phenol
Concen: 5.53 ng
RT: 5.40 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion: 94 Resp: 53602

Ion	Ratio	Lower	Upper
94	100		
65	24.9	9.9	49.9
66	33.8	23.1	63.1



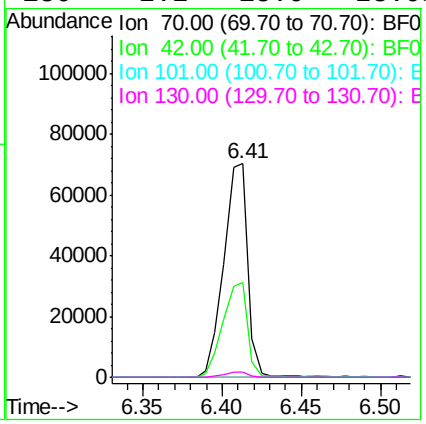


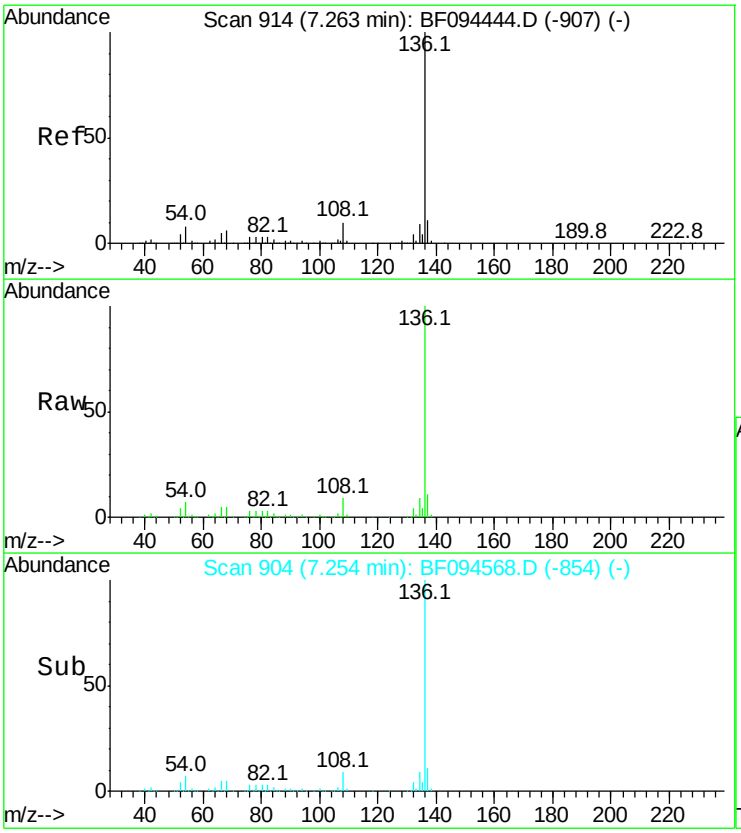
#19
n-Nitroso-di-n-propylamine
Concen: 14.16 ng
RT: 6.41 min Scan# 761
Delta R.T. 0.16 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 74034

Ion	Ratio	Lower	Upper
70	100		
42	44.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

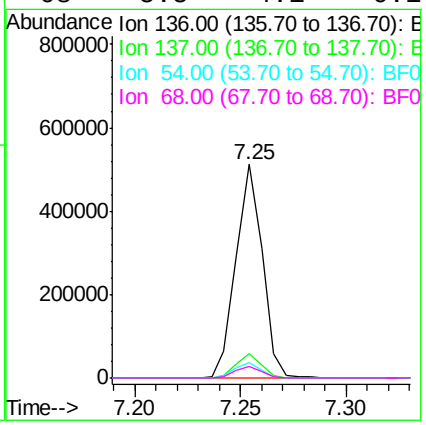


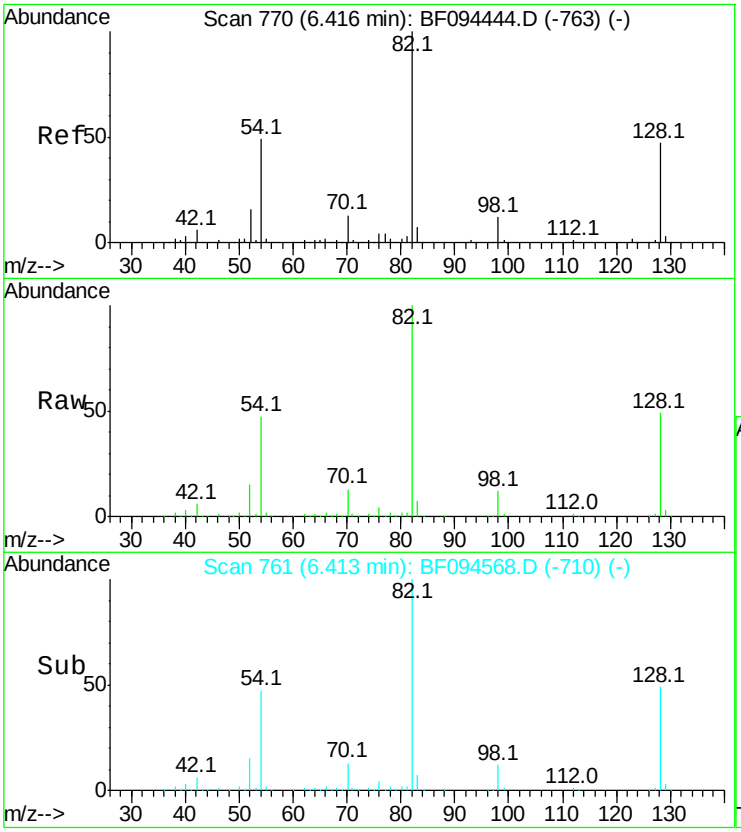


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:136 Resp: 443517

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.0	4.9	7.3
68	5.5	4.1	6.1



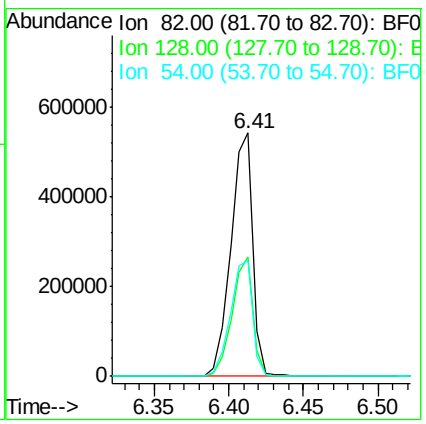


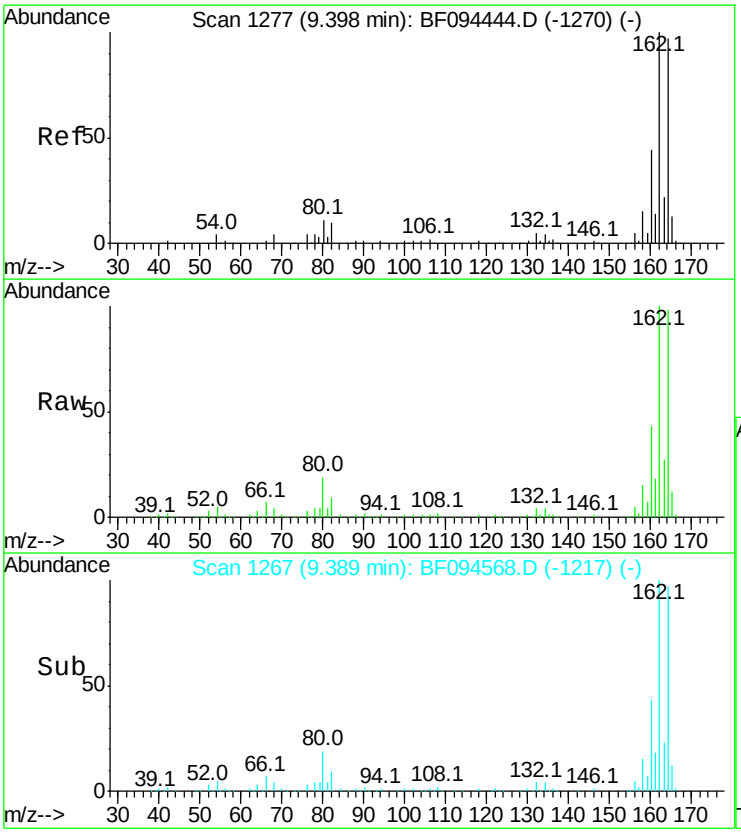
#23
Nitrobenzene-d5
Concen: 77.98 ng
RT: 6.41 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 560100

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	47.3	42.2	63.2

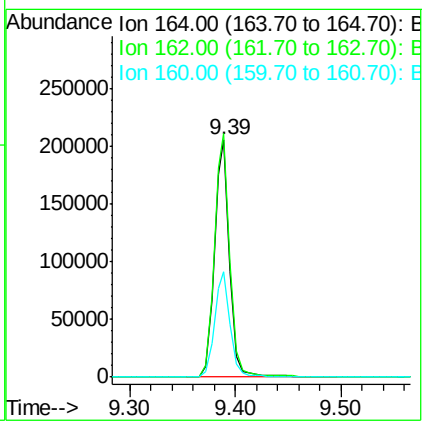


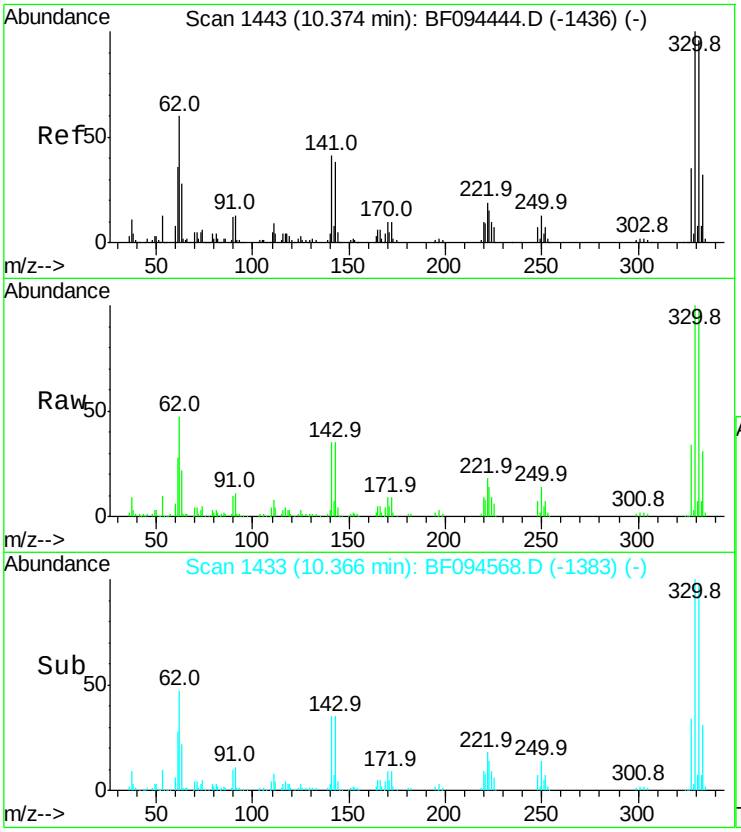


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:164 Resp: 209323

Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.6	123.8
160	44.3	36.2	54.2



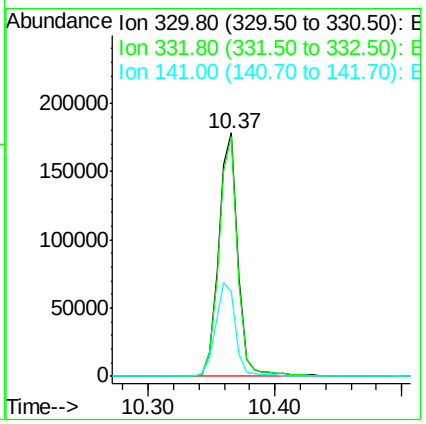


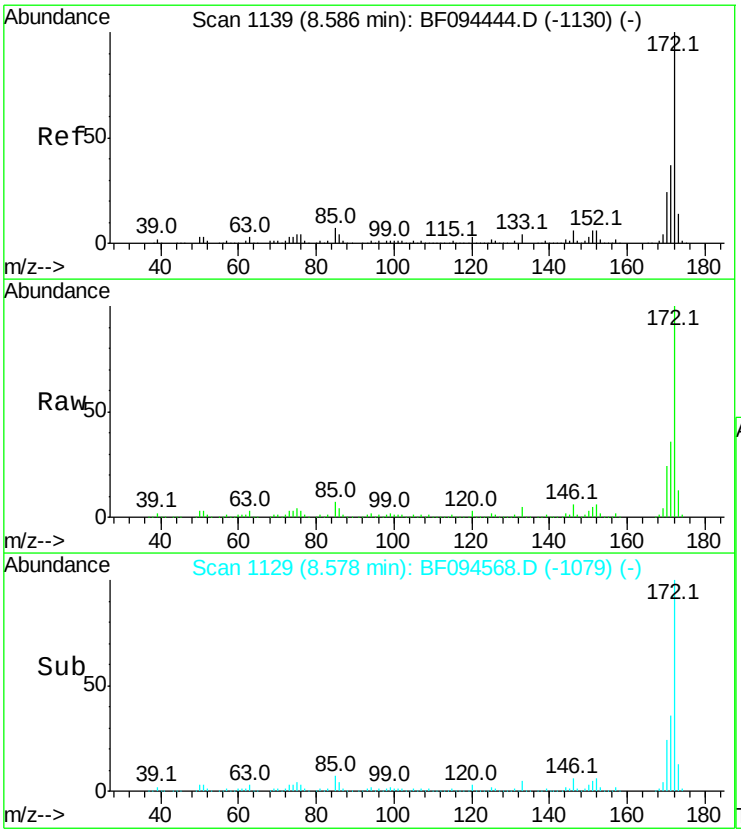
#41
2,4,6-Tribromophenol
Concen: 115.51 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 189118

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	115.0
141	40.5	31.4	47.2

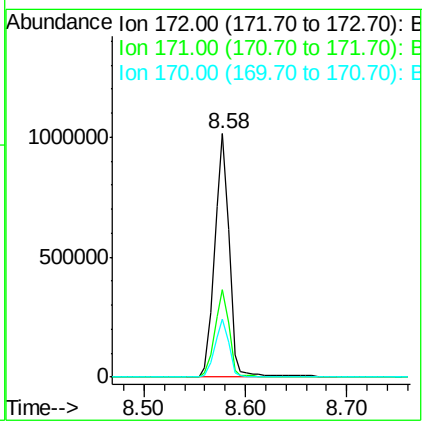


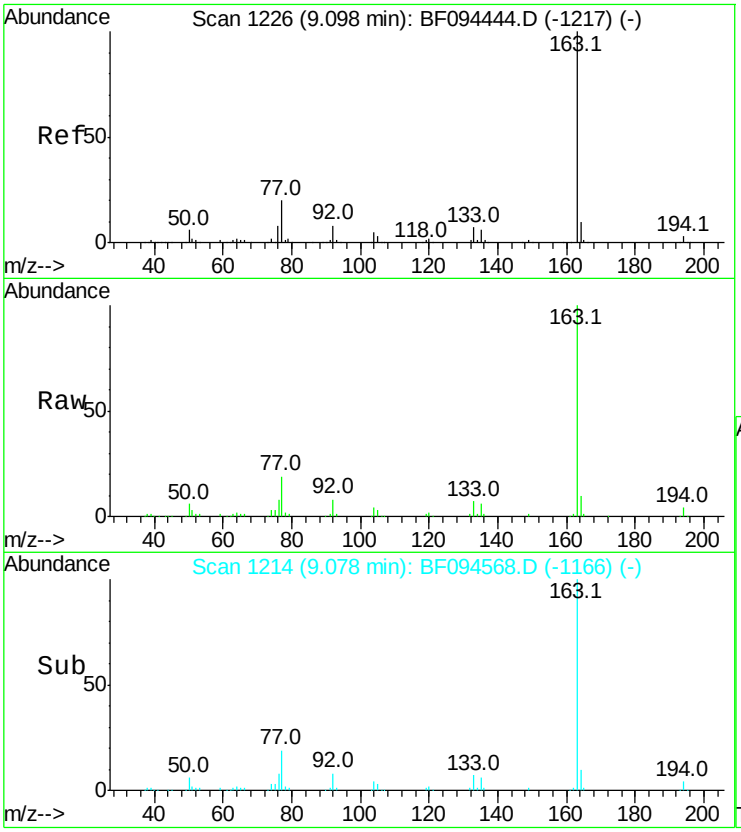


#44
2-Fluorobiphenyl
Concen: 71.55 ng
RT: 8.58 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:172 Resp: 1017964

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



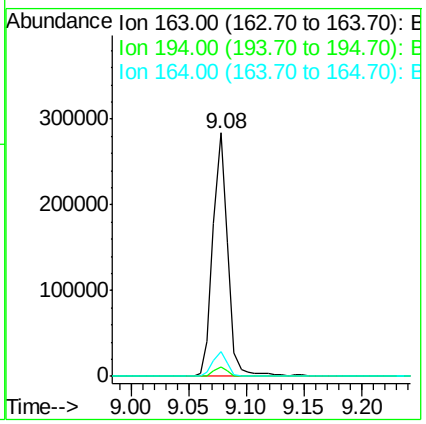


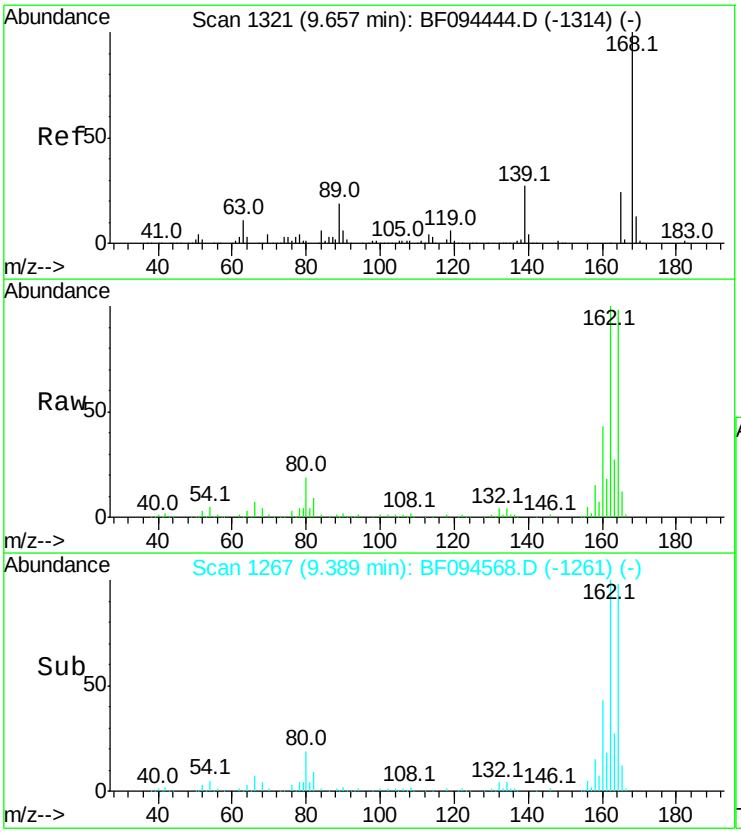
#49
Dimethylphthalate
Concen: 16.44 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 256458

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6

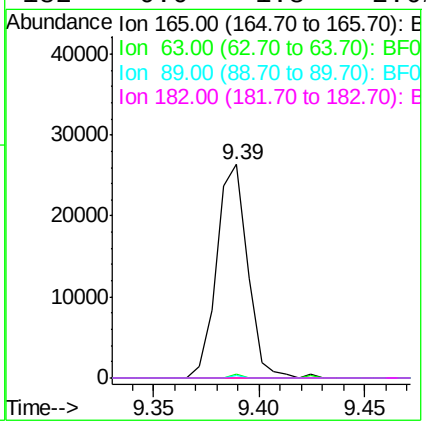


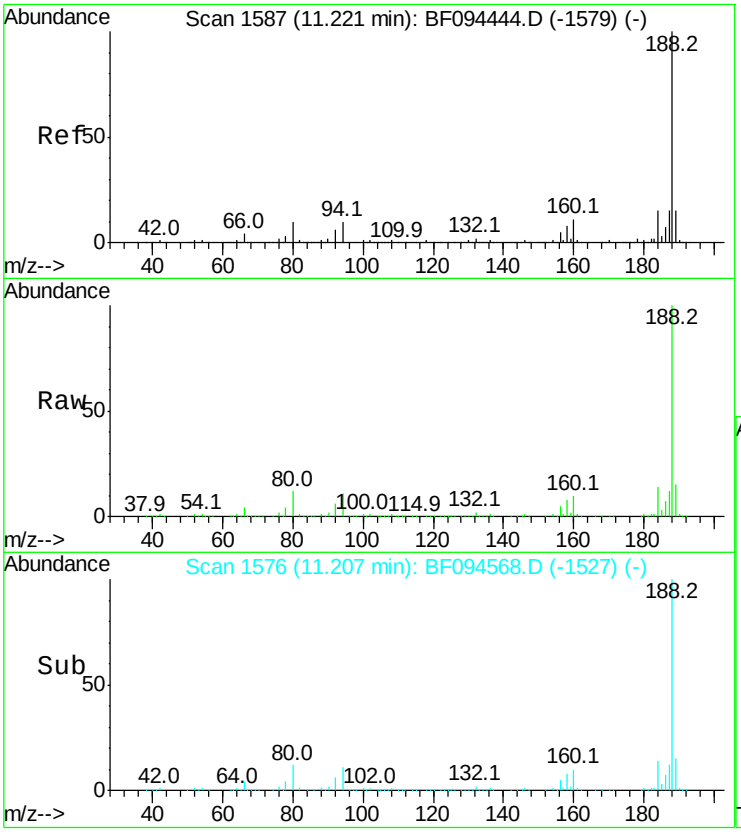


#56
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.27 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:165 Resp: 26750

Ion	Ratio	Lower	Upper
165	100		
63	2.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#



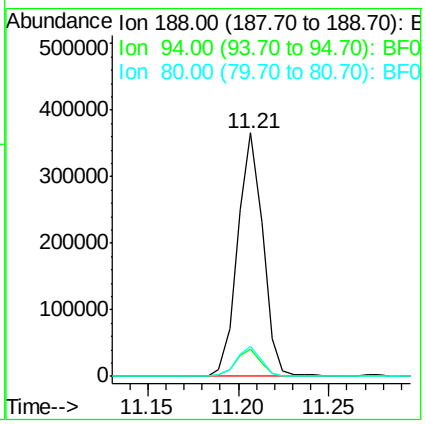


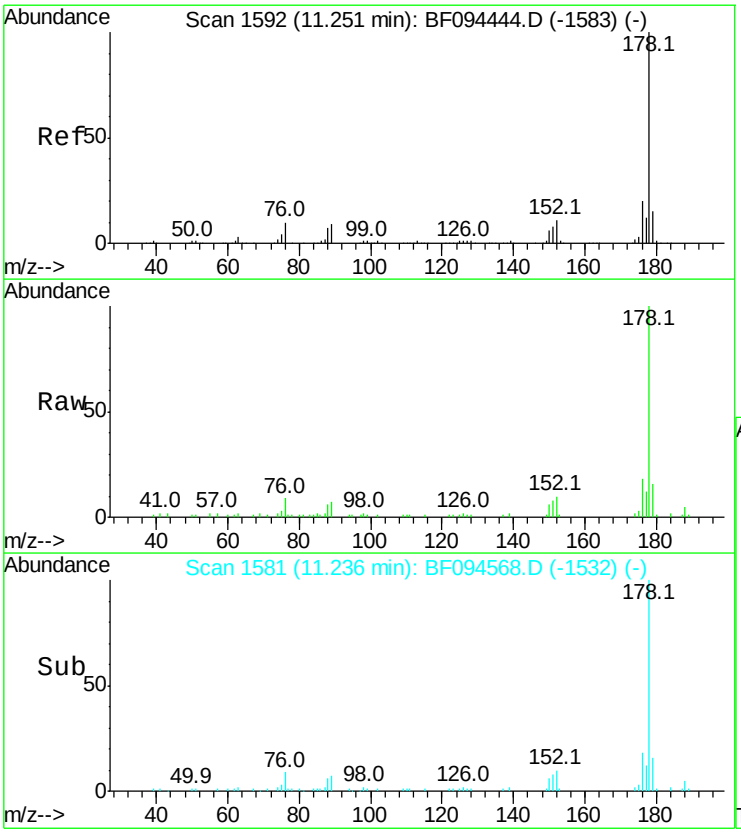
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 354555

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	12.3	10.2	15.2

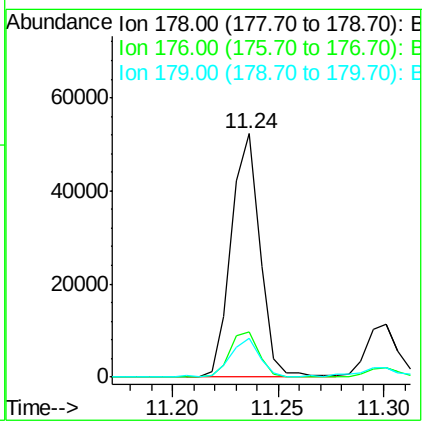


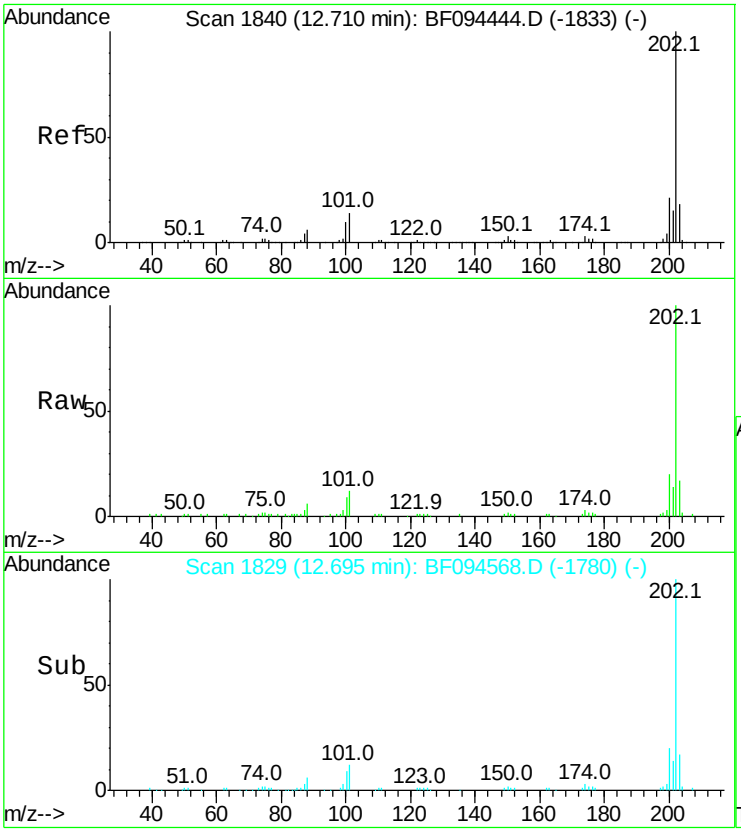


#70
Phenanthrene
Concen: 2.47 ng
RT: 11.24 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:178 Resp: 49246

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.2	24.4
179	16.1	12.6	19.0



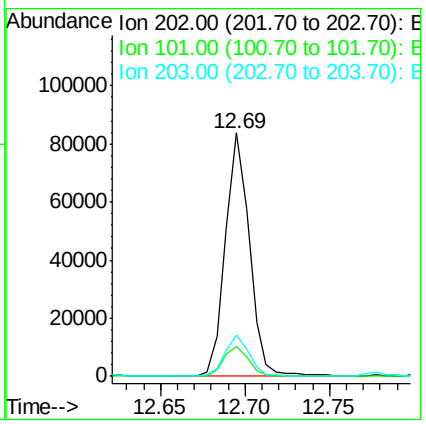


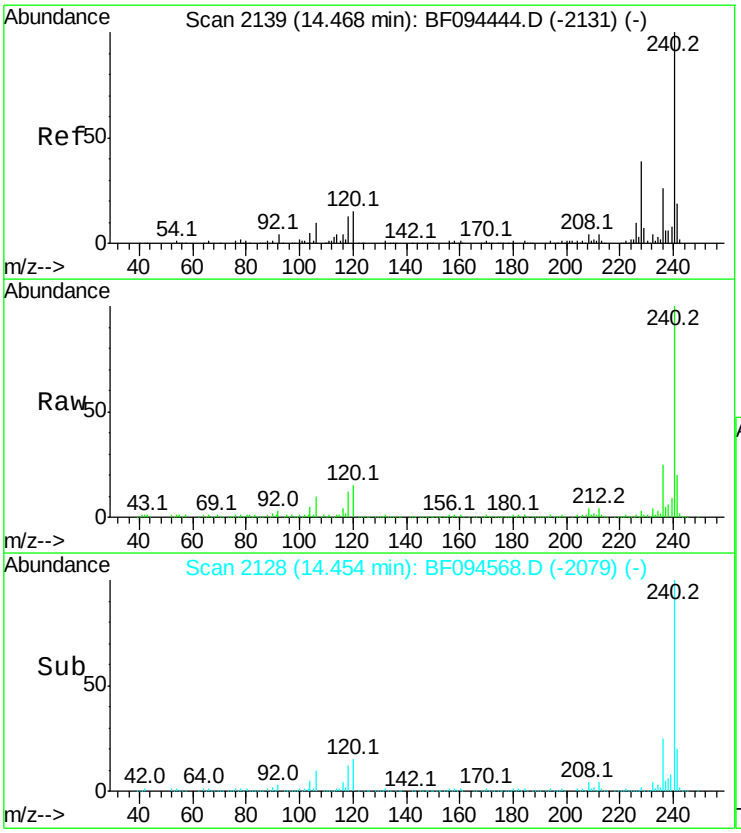
#74
Fluoranthene
Concen: 4.02 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 83121

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.0	0.0	38.1

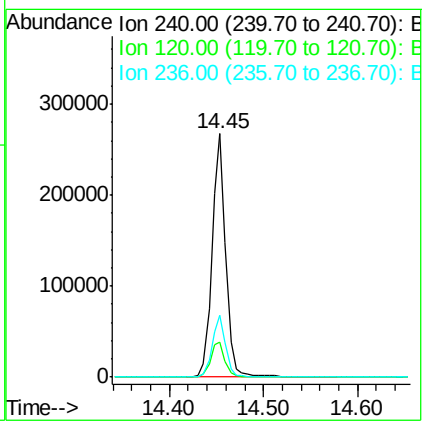


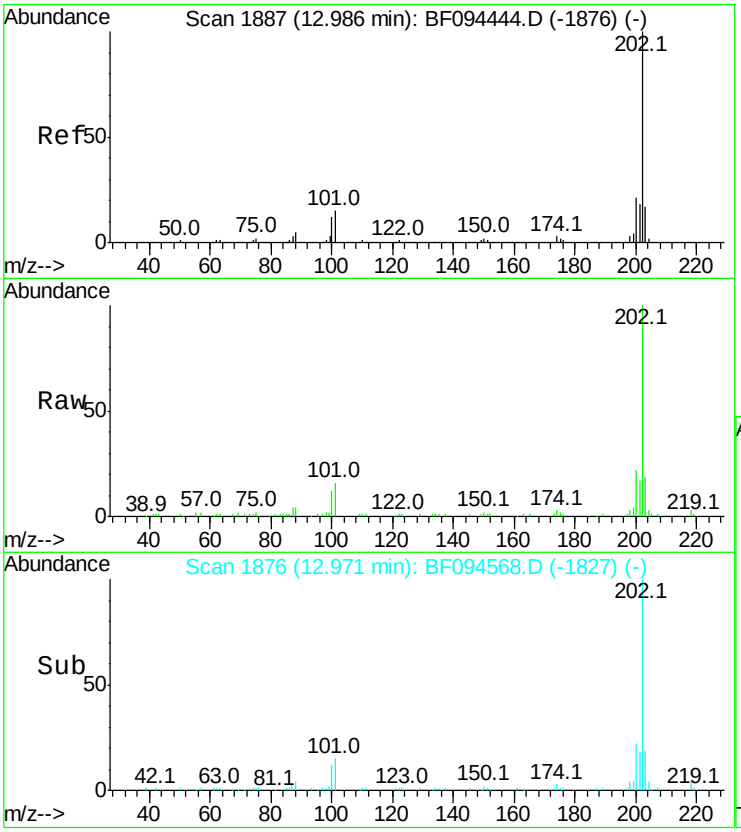


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:240 Resp: 274362

Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.3	20.5	30.7



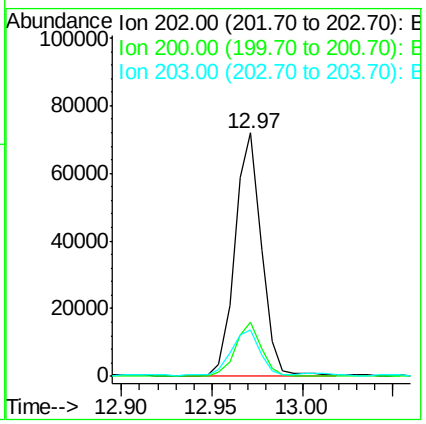


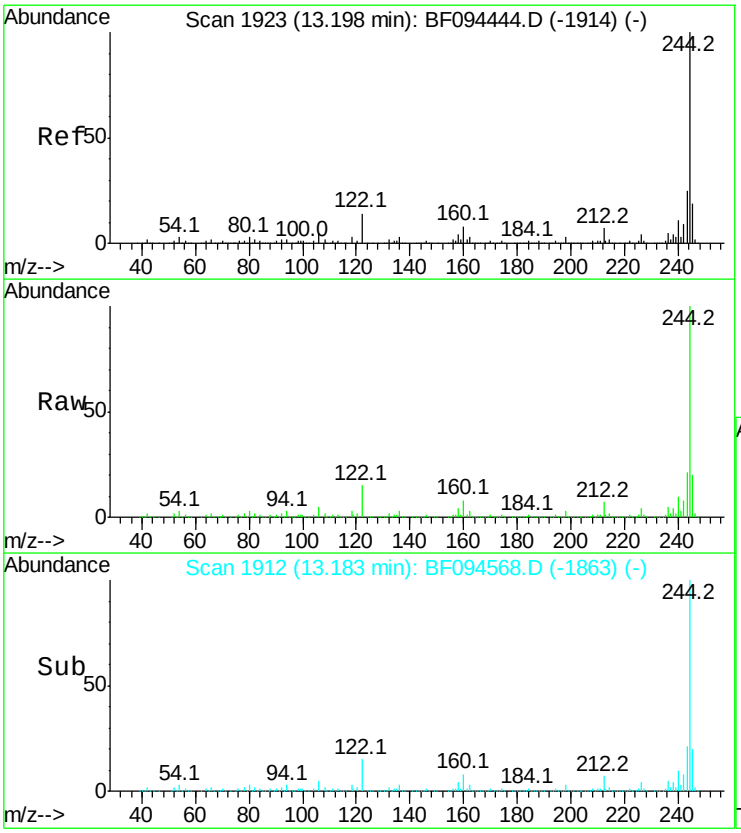
#77
Pyrene
Concen: 3.84 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 73555

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	19.2	14.4	21.6

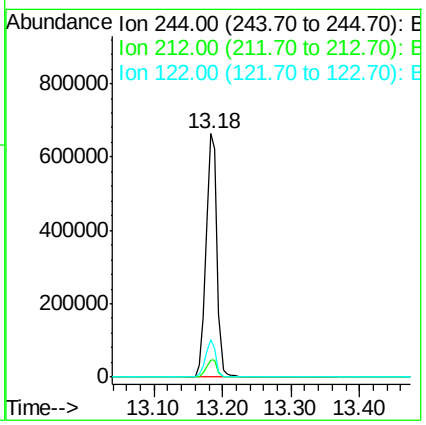


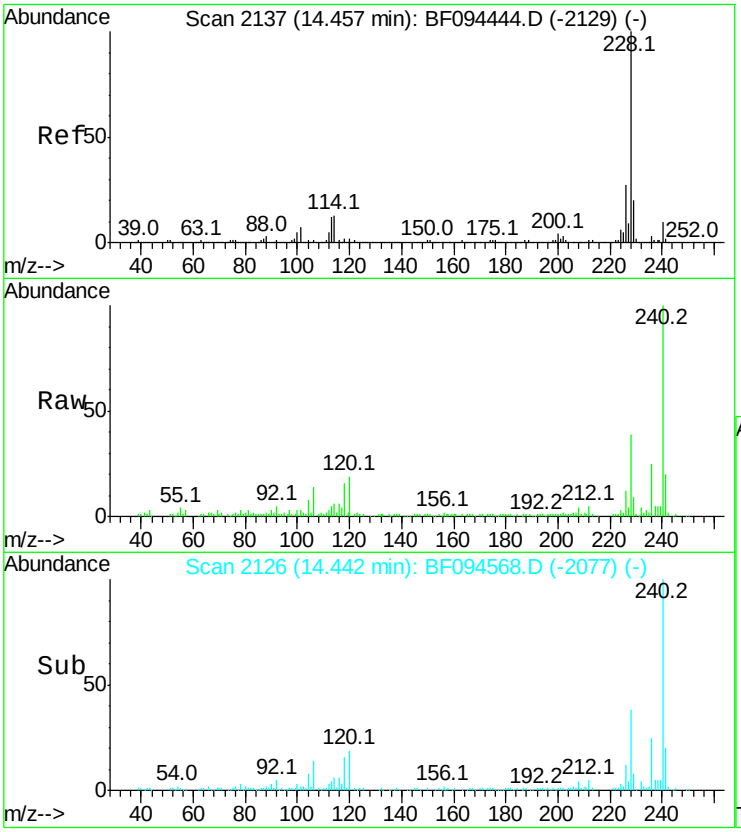


#78
Terphenyl-d14
Concen: 73.45 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:244 Resp: 753903

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	15.2	10.3	15.5



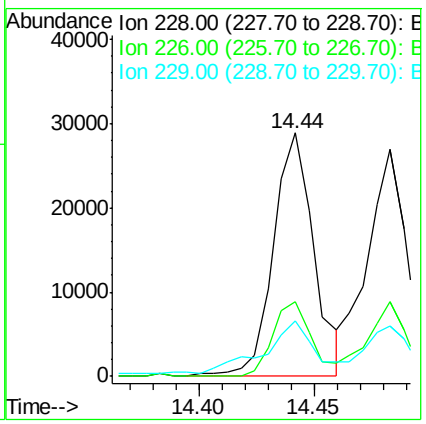


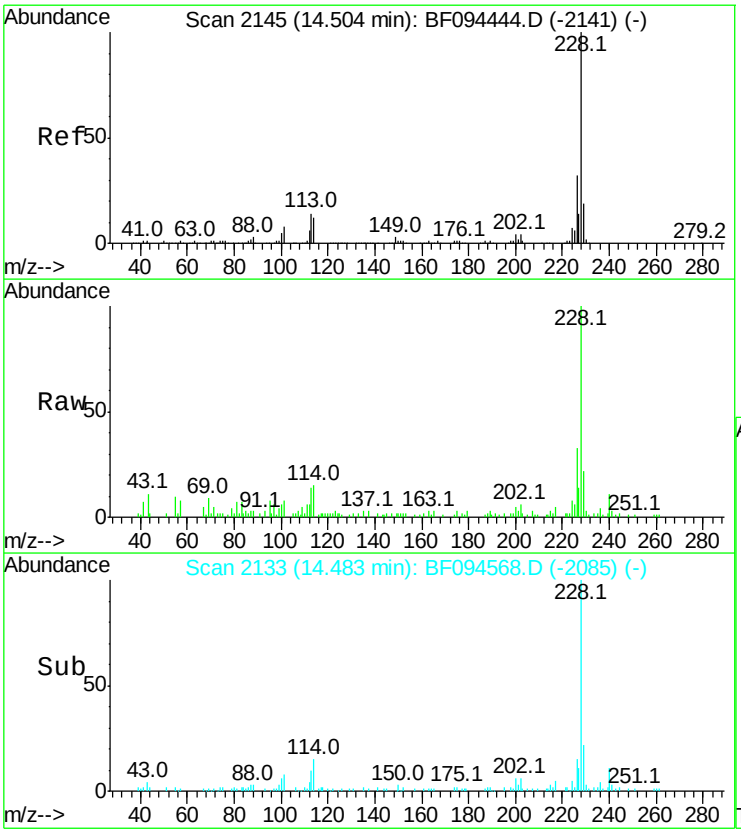
#80
Benzo(a)anthracene
Concen: 2.21 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 35184

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.6	33.8
229	22.6	16.3	24.5

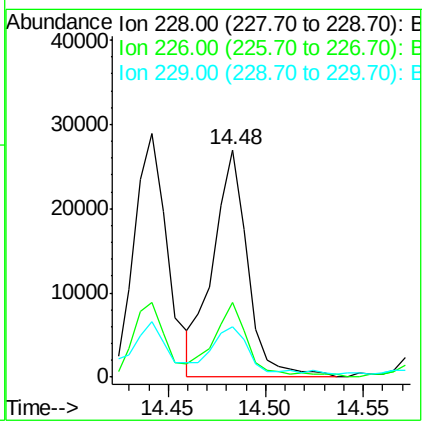


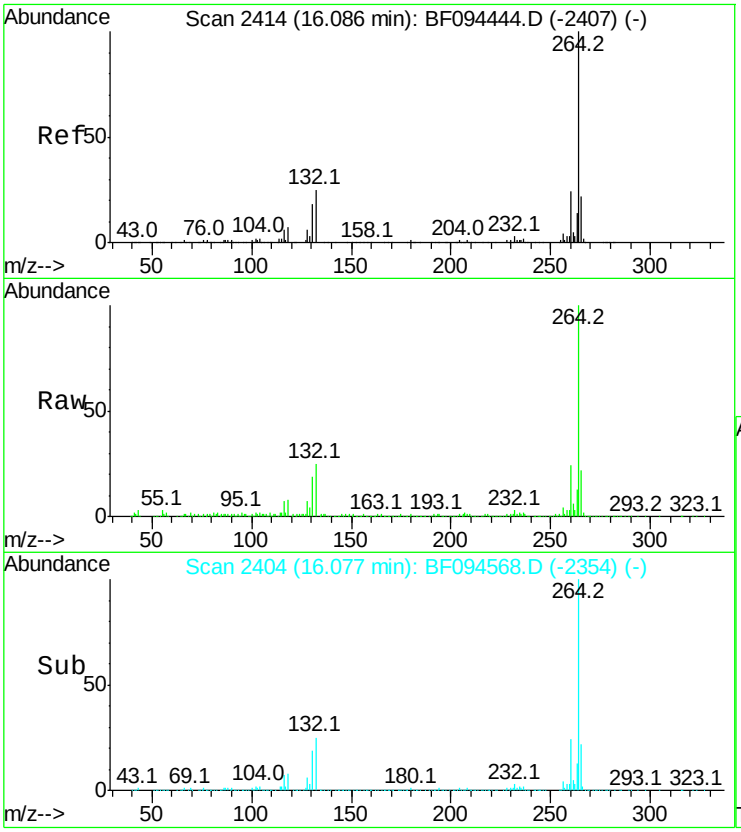


#82
Chrysene
Concen: 2.29 ng
RT: 14.48 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:228 Resp: 33443

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.9	15.8	23.6



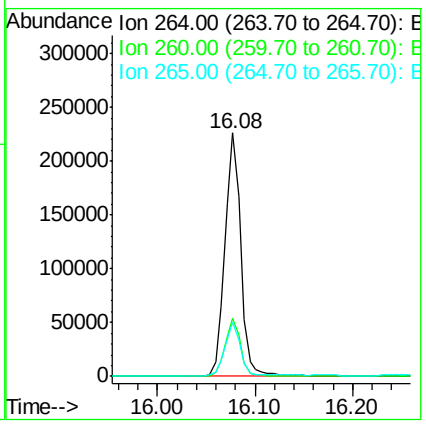


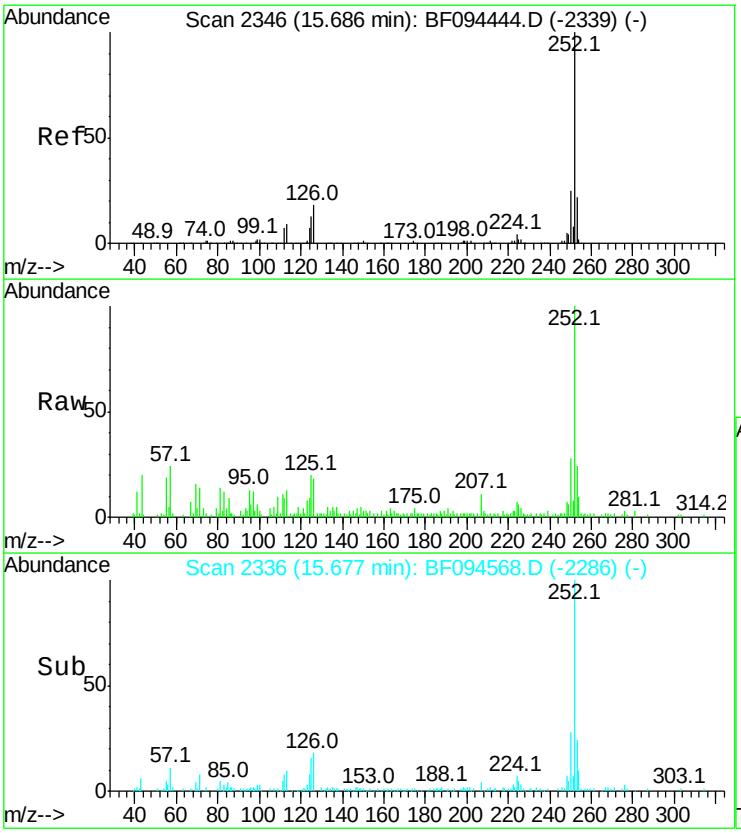
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 256986

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.3	17.2	25.8

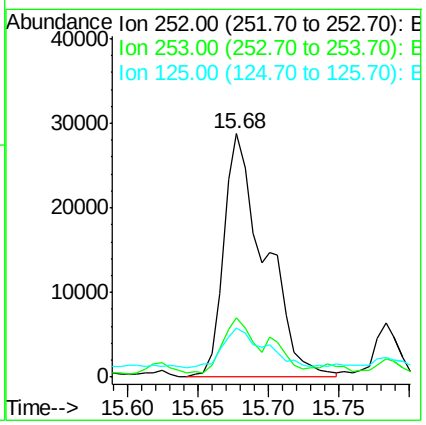


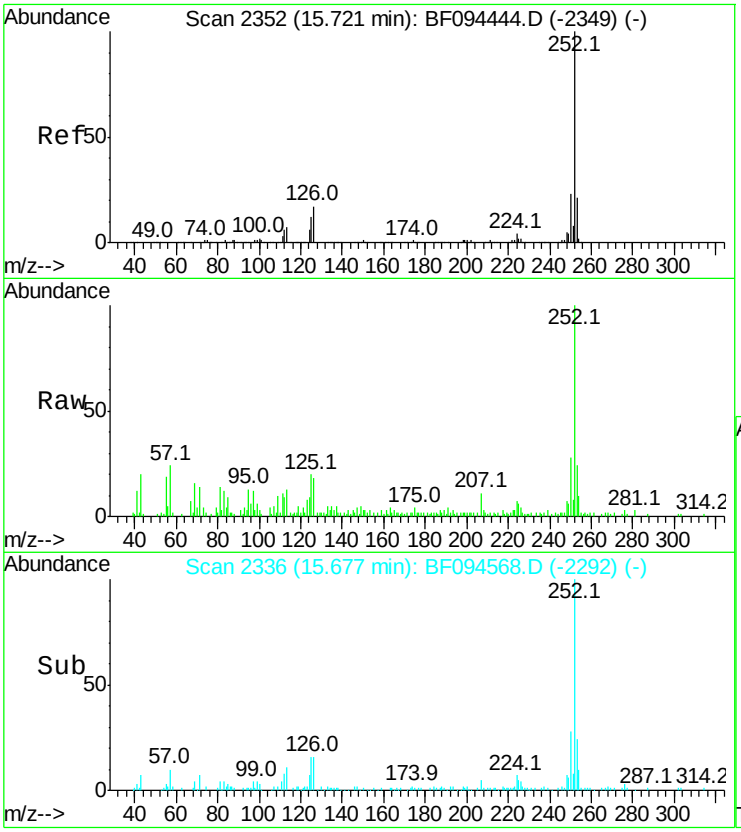


#87
Benzo(b)fluoranthene
Concen: 3.71 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Tgt Ion:252 Resp: 58385

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	20.4	9.8	14.8#





#88
Benzo(k)fluoranthene
Concen: 3.92 ng
RT: 15.68 min Scan# 2336
Delta R.T. -0.04 min
Lab File: BF094568.D
Acq: 21 Apr 2017 17:51

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 58385

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	20.4	13.1	19.7#