Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094253.D
Acq On : 7 Apr 2017 5:05
Operator : SJ/MA
Sample : I2563-01
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-AA10-BASE

Quant Time: Apr 07 05:30:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	169737	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	666296	20.00	ng		0.00
38) Acenaphthene-d10	9.49	164	289841	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	453951	20.00	ng		0.00
75) Chrysene-d12	14.57	240	309727	20.00	ng		0.00
86) Perylene-d12	16.20	264	260400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.39	112	1068224	106.30	ng		0.00
7) Phenol-d6	5.46	99	1350962	108.67	ng		0.00
23) Nitrobenzene-d5	6.50	82	785457	67.27	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	233300	101.86	ng		0.00
44) 2-Fluorobiphenyl	8.68	172	927357	48.80	ng		0.00
78) Terphenyl-d14	13.29	244	438487	31.73	ng		0.00
Target Compounds							Qvalue
10) Phenol	5.47	94	153504	10.85	ng		96
17) 2-Methylphenol	6.16	107	95275	10.07	ng		95
19) n-Nitroso-di-n-propylamine	6.50	70	106958	13.39	ng	#	76
20) 3+4-Methylphenols	6.34	107	167097	14.58	ng	#	62
27) 2,4-Dimethylphenol	6.96	122	163926	17.32	ng		98
31) Naphthalene	7.38	128	222453	6.94	ng		99
32) Benzoic acid	7.13	122	134253	21.31	ng	#	12
37) 2-Methylnaphthalene	8.22	142	106499	4.99	ng		96
49) Dimethylphthalate	9.17	163	205967	10.00	ng		100
51) Acenaphthene	9.53	154	49270	2.78	ng		99
54) Dibenzofuran	9.75	168	60636	2.51	ng		98
57) Fluorene	10.17	166	70847	3.54	ng		100
70) Phenanthrene	11.35	178	404019	16.00	ng		98
71) Anthracene	11.41	178	61151	2.35	ng		99
74) Fluoranthene	12.81	202	315569	12.20	ng		100
77) Pyrene	13.09	202	258462	11.50	ng		98
80) Benzo(a)anthracene	14.56	228	77508	4.29	ng		96
82) Chrysene	14.56	228	77508	4.62	ng		97
85) Indeno(1,2,3-cd)pyrene	17.52	276	31696	2.18	ng		96
87) Benzo(b)fluoranthene	15.79	252	111072	6.96	ng	#	94
88) Benzo(k)fluoranthene	15.79	252	111072	7.11	ng		97
89) Benzo(a)pyrene	16.13	252	56544	3.85	ng	#	95
91) Benzo(g,h,i)perylene	17.90	276	33029	2.63	ng		99

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

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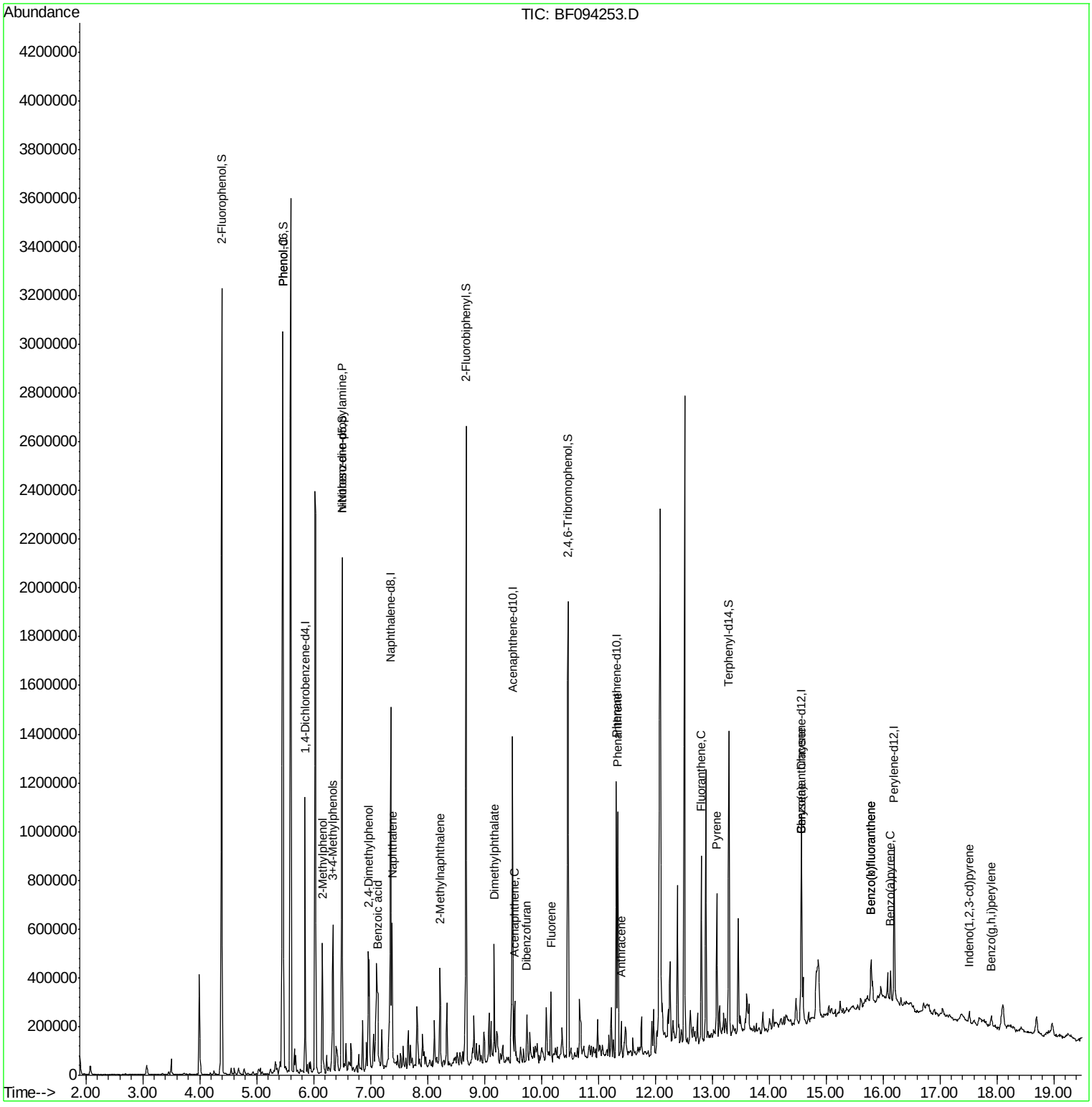
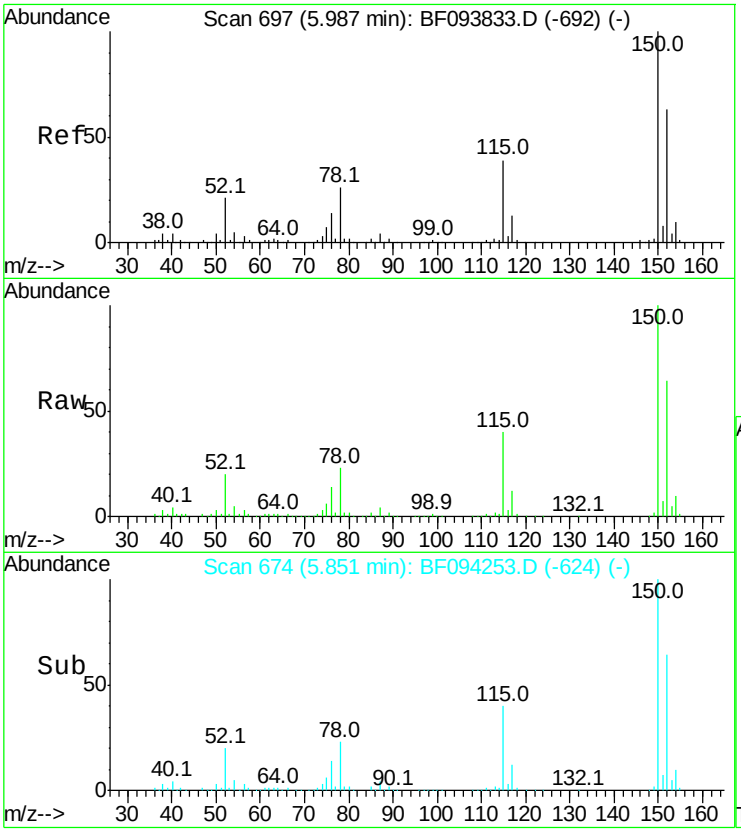


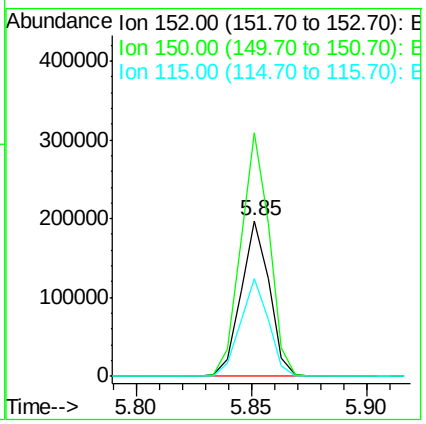


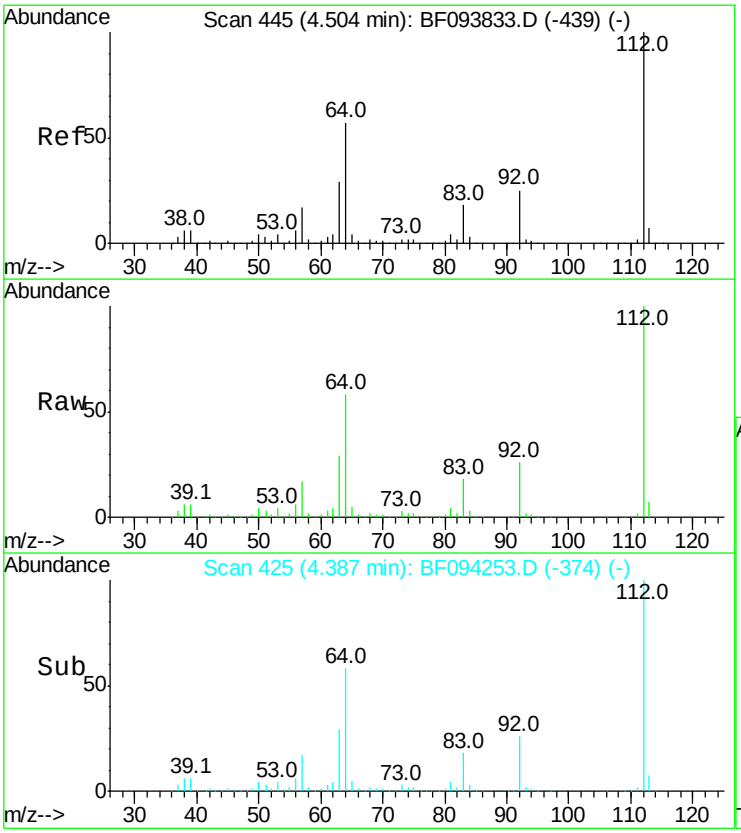
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:152 Resp: 169737

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	63.1	52.2	78.2

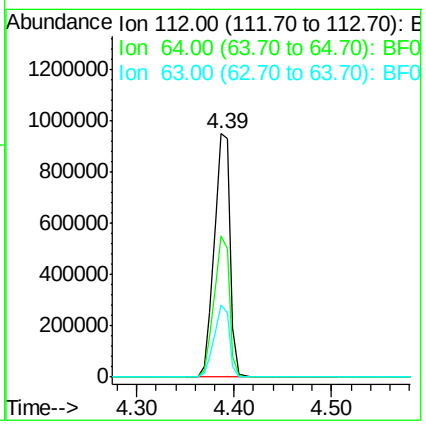


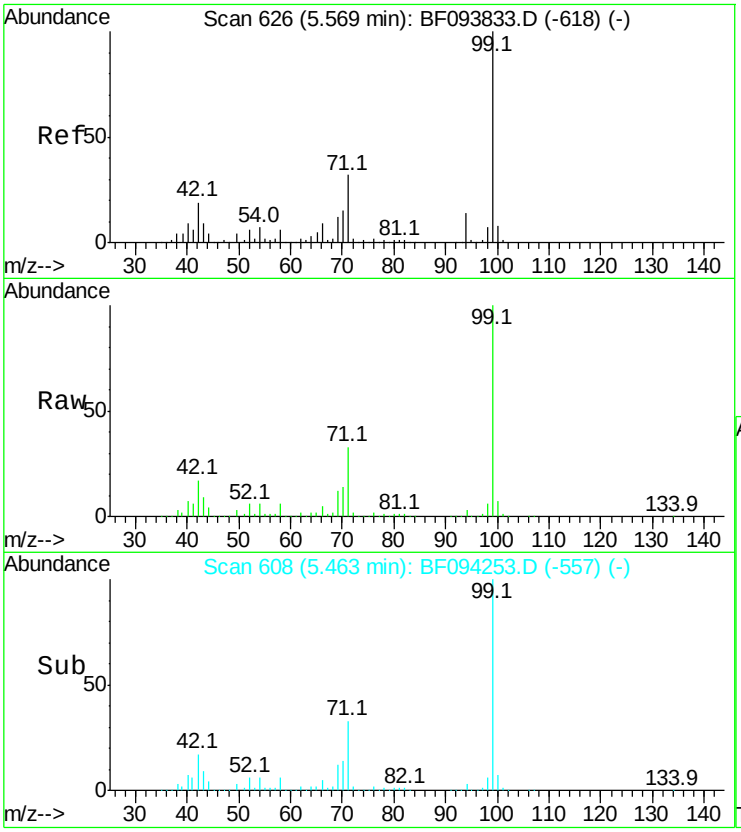


#5
2-Fluorophenol
Concen: 106.30 ng
RT: 4.39 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:112 Resp: 1068224

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.0	69.0
63	29.4	23.4	35.0



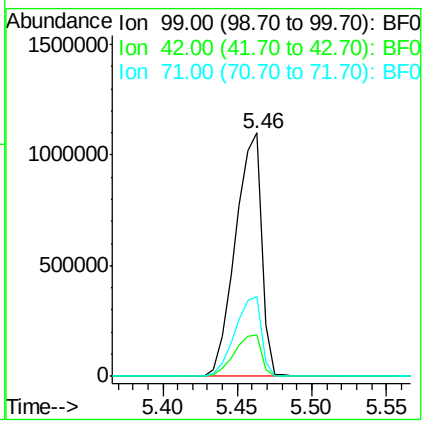


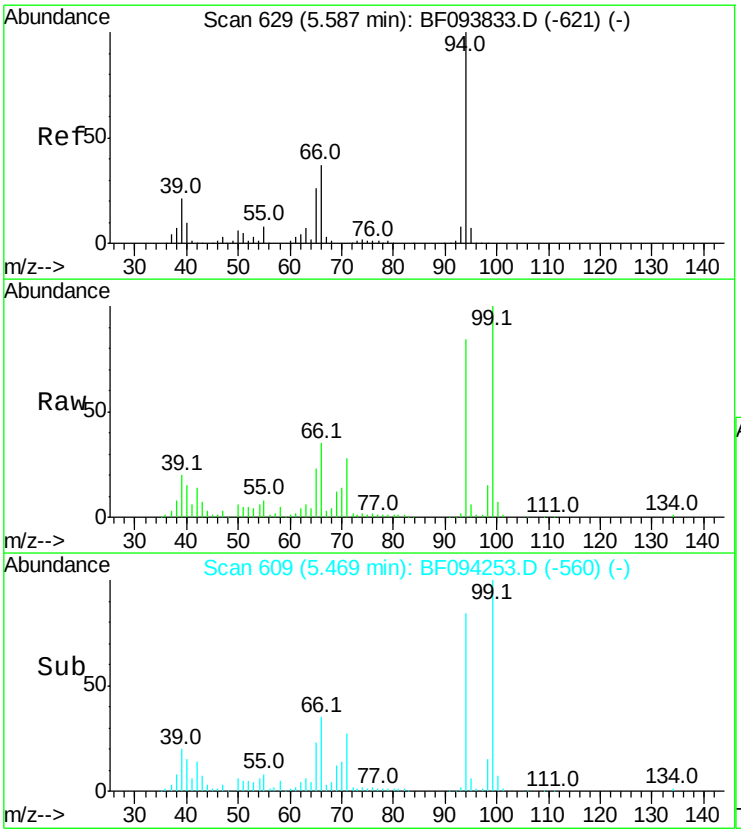
#7
Phenol-d6
Concen: 108.67 ng
RT: 5.46 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion: 99 Resp: 1350962

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

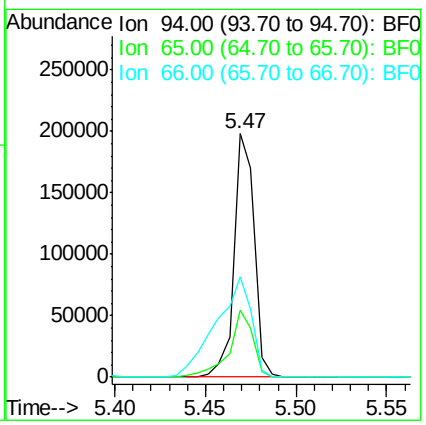


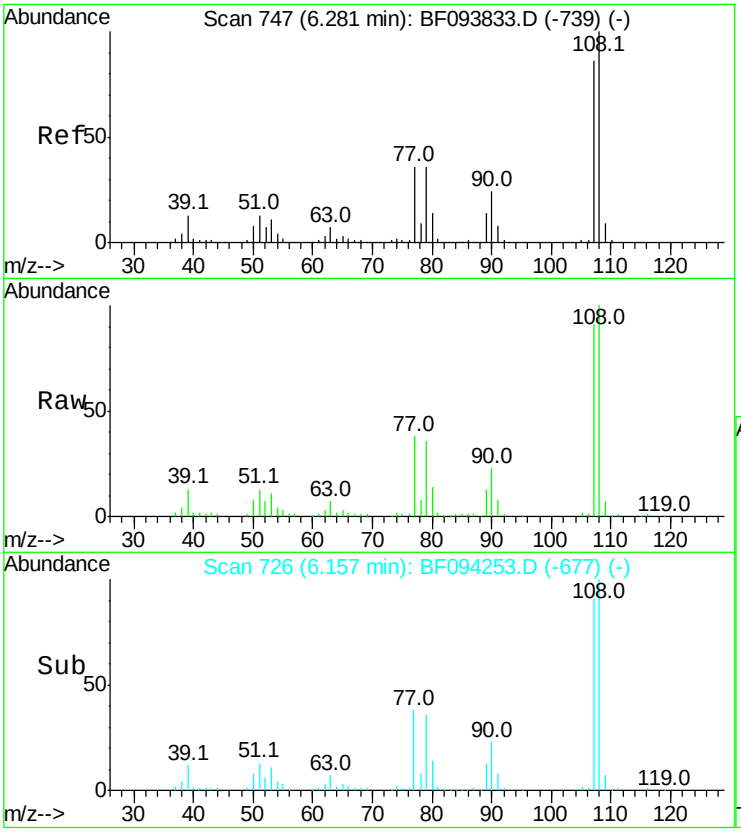


#10
Phenol
Concen: 10.85 ng
RT: 5.47 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion: 94 Resp: 153504

Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.9	49.9
66	41.1	23.1	63.1



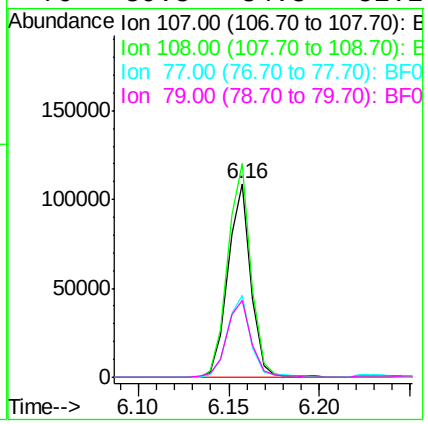


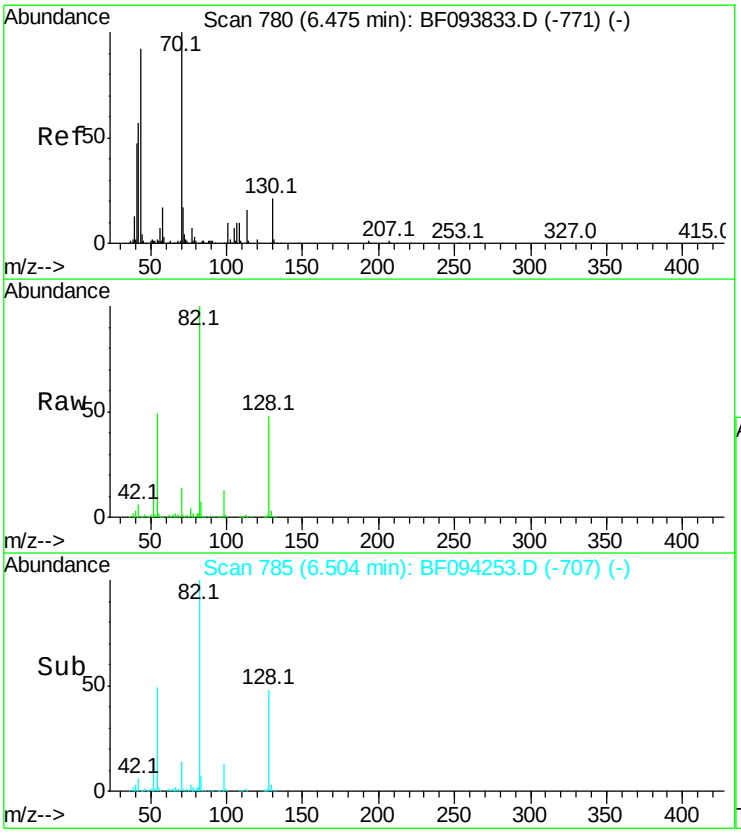
#17
2-Methylphenol
Concen: 10.07 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:107 Resp: 95275

Ion	Ratio	Lower	Upper
107	100		
108	110.2	93.4	140.0
77	42.1	35.8	53.6
79	39.8	34.8	52.2

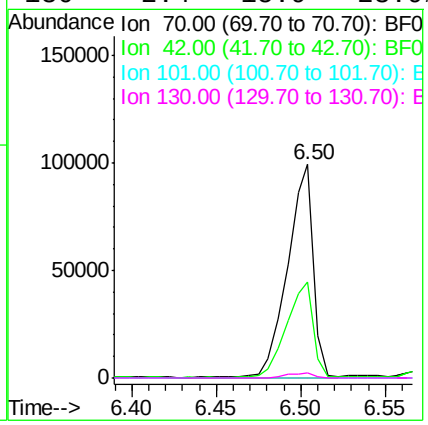


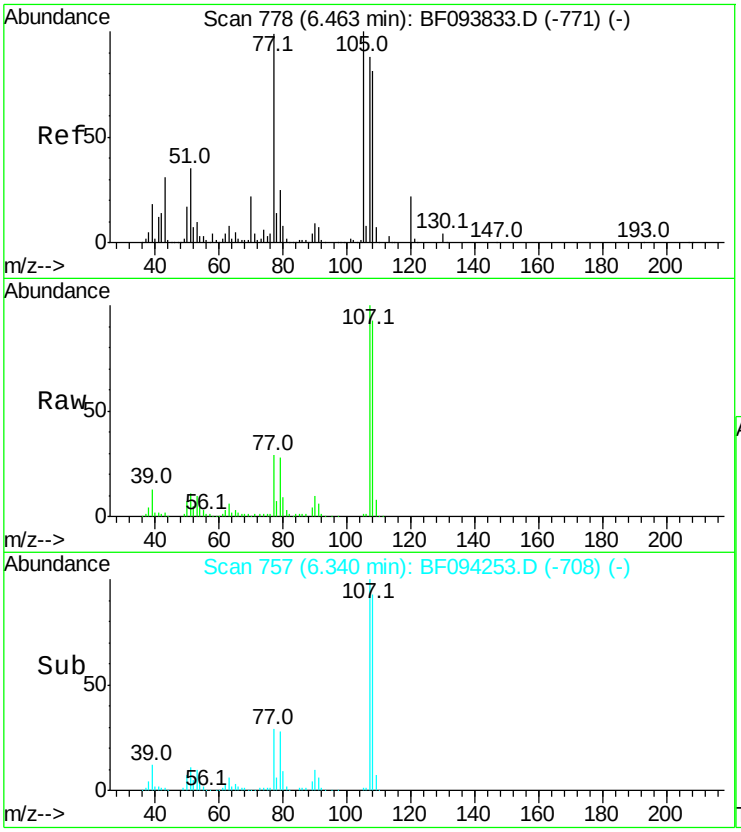


#19
n-Nitroso-di-n-propylamine
Concen: 13.39 ng
RT: 6.50 min Scan# 785
Delta R.T. 0.16 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion: 70 Resp: 106958

Ion	Ratio	Lower	Upper
70	100		
42	44.7	47.2	70.8#
101	0.0	7.2	10.8#
130	2.4	15.9	23.9#



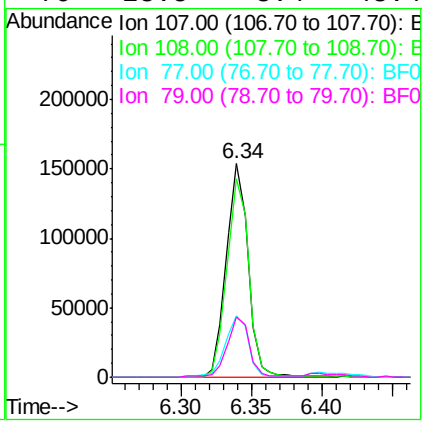


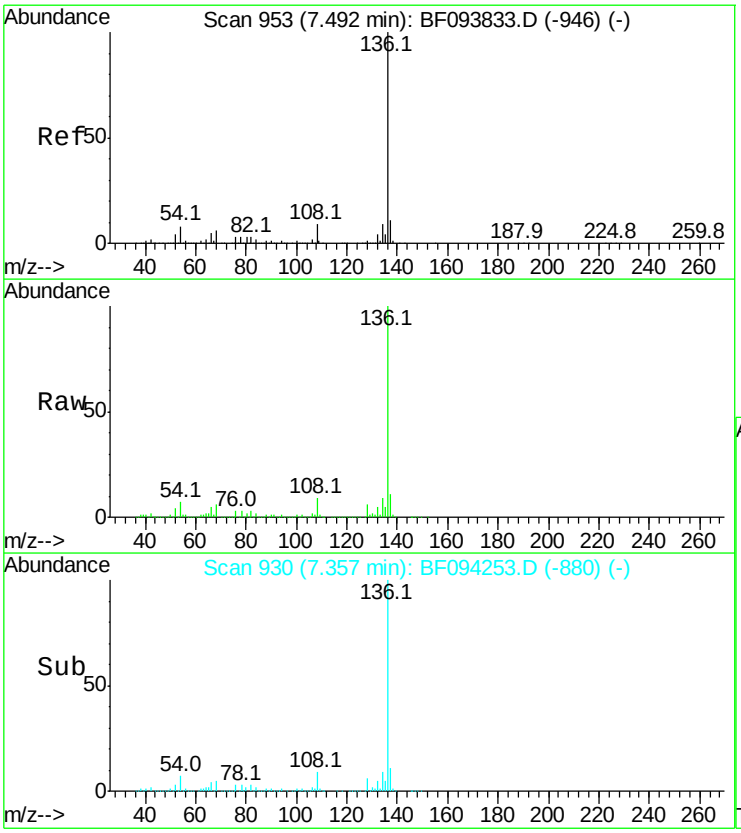
#20
3+4-Methylphenols
Concen: 14.58 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:107 Resp: 167097

Ion	Ratio	Lower	Upper
107	100		
108	92.9	71.0	111.0
77	29.1	90.5	130.5#
79	28.5	8.4	48.4

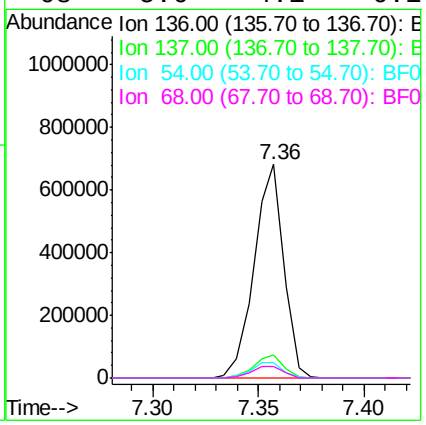


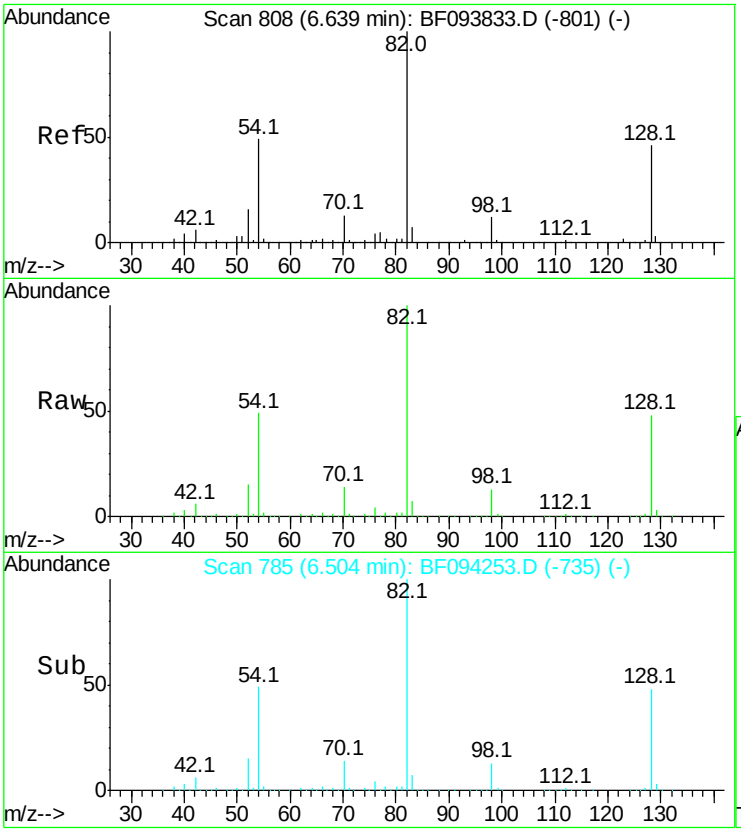


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:136 Resp: 666296

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.6	4.1	6.1



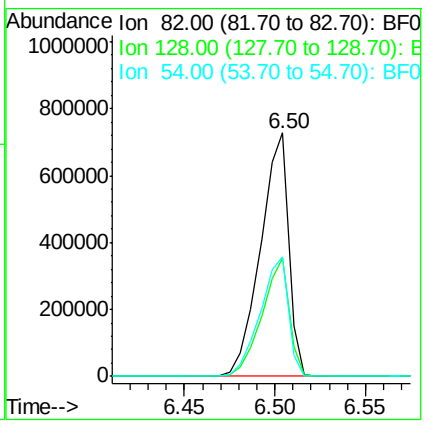


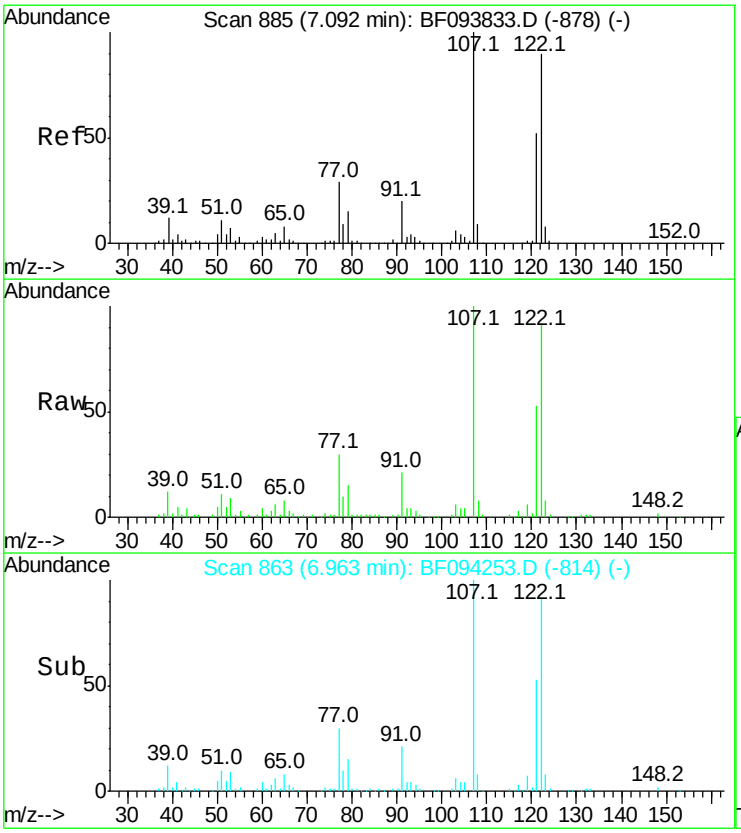
#23
Nitrobenzene-d5
Concen: 67.27 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion: 82 Resp: 785457

Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.0	51.0
54	48.9	42.2	63.2

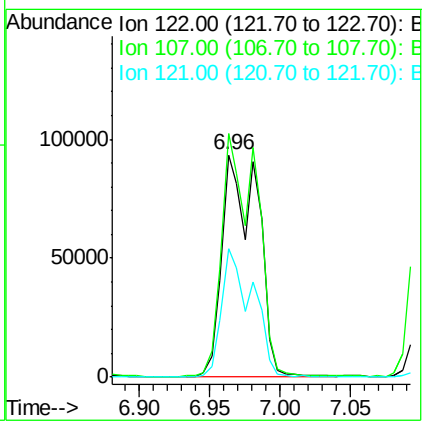


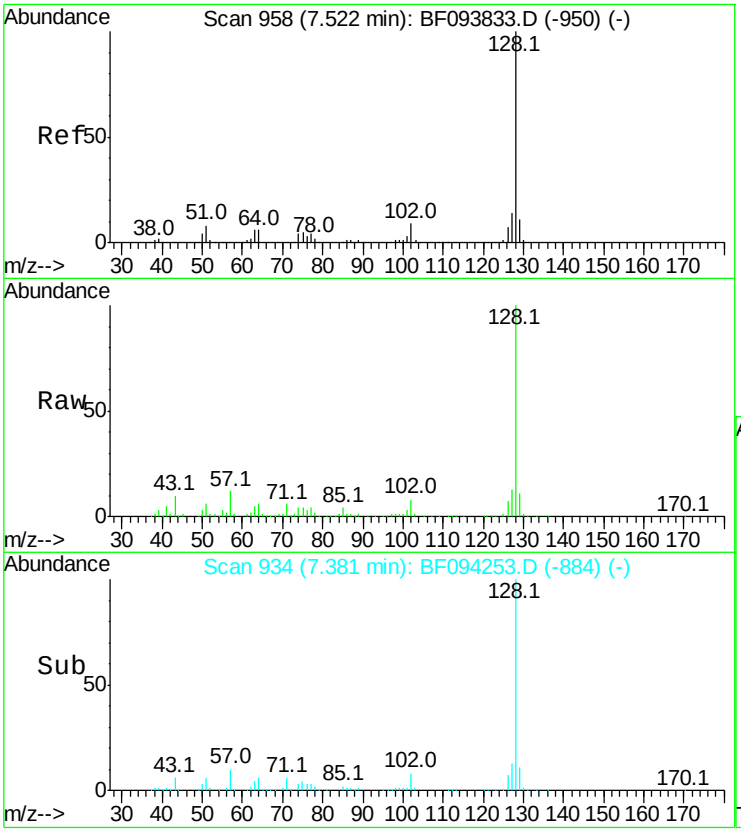


#27
2,4-Dimethylphenol
Concen: 17.32 ng
RT: 6.96 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:122 Resp: 163926

Ion	Ratio	Lower	Upper
122	100		
107	109.7	89.2	133.8
121	58.1	45.2	67.8



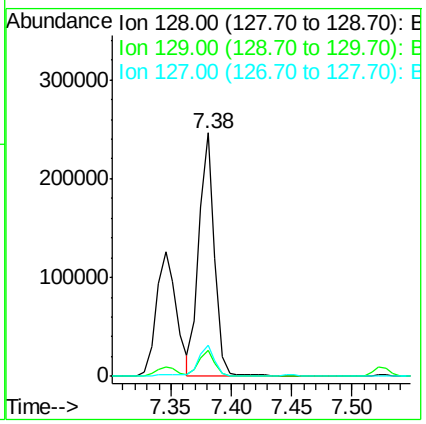


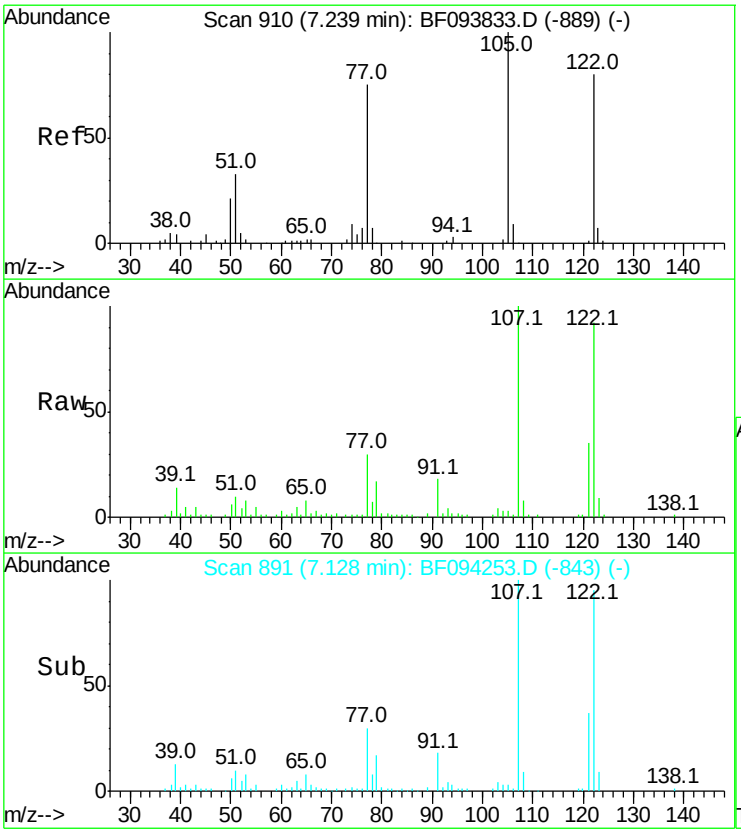
#31
Naphthalene
Concen: 6.94 ng
RT: 7.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:128 Resp: 222453

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	13.0	10.8	16.2

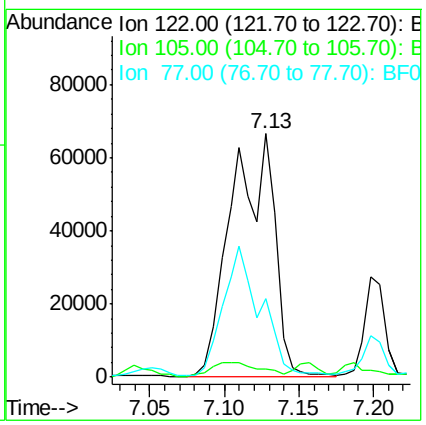


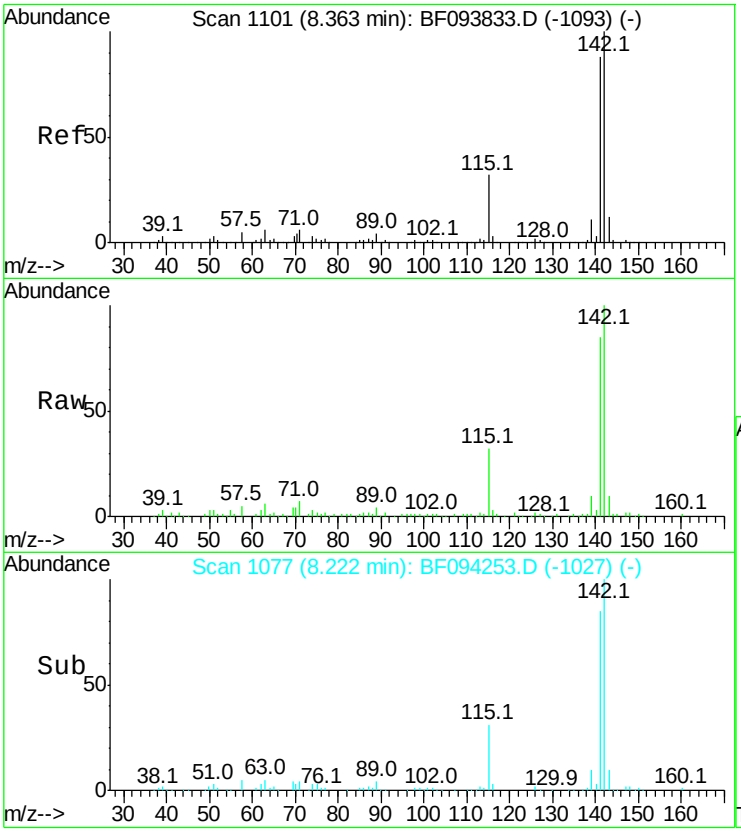


#32
Benzoic acid
Concen: 21.31 ng
RT: 7.13 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:122 Resp: 134253

Ion	Ratio	Lower	Upper
122	100		
105	3.4	103.3	143.3#
77	32.5	73.7	113.7#



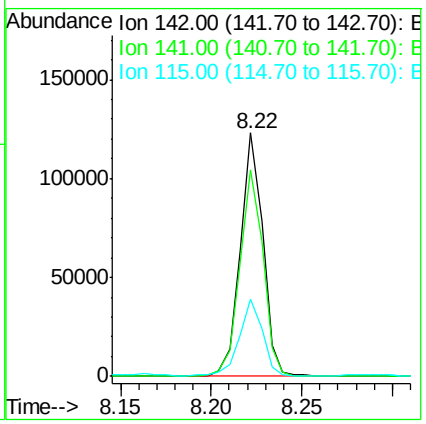


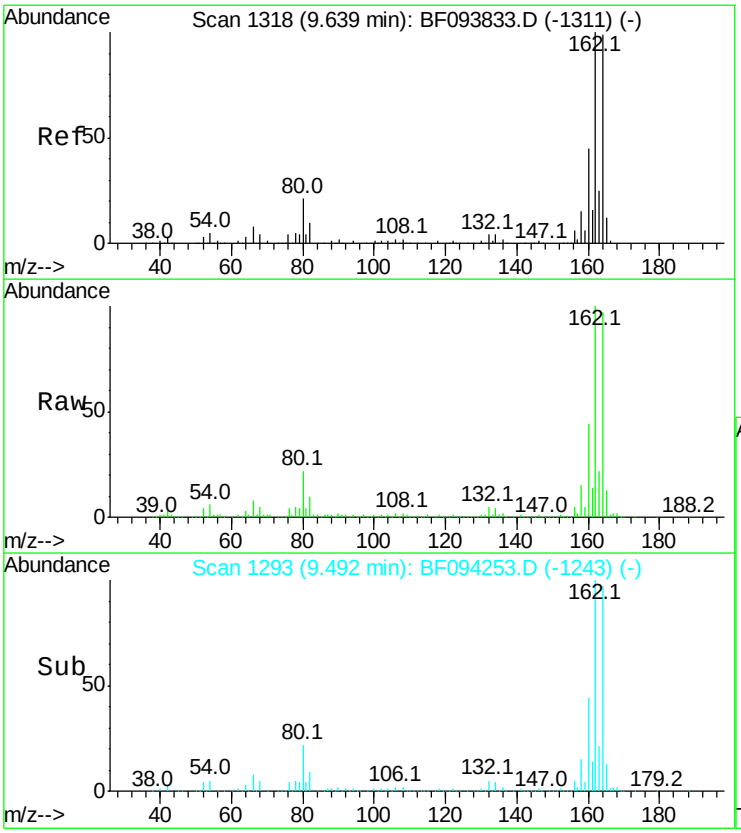
#37
2-Methylnaphthalene
Concen: 4.99 ng
RT: 8.22 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:142 Resp: 106499

Ion	Ratio	Lower	Upper
142	100		
141	84.8	71.3	106.9
115	31.7	27.1	40.7

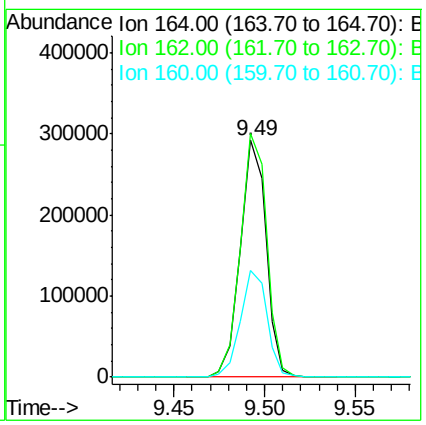


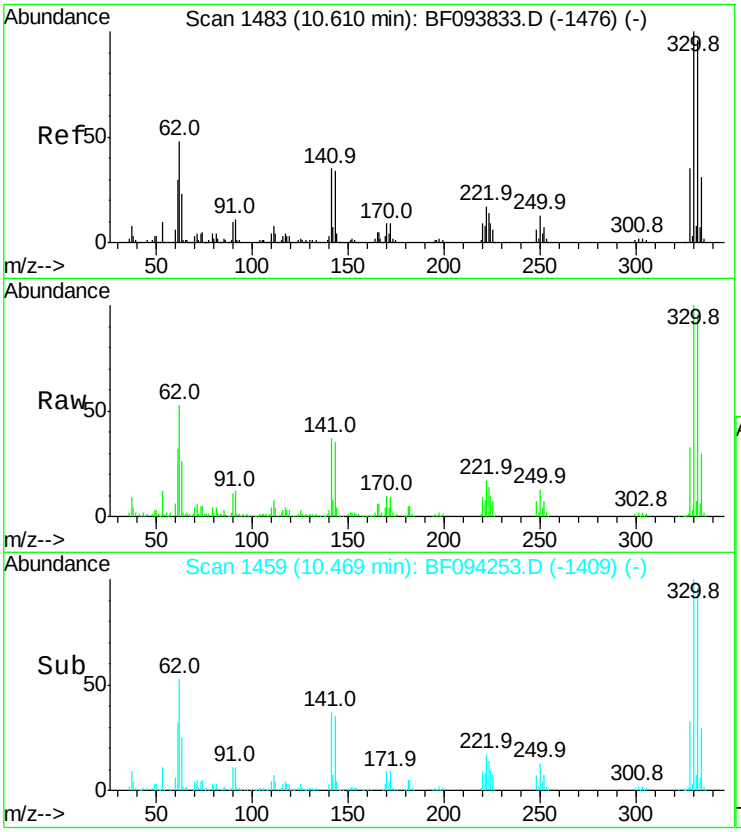


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:164 Resp: 289841

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.9	36.2	54.2



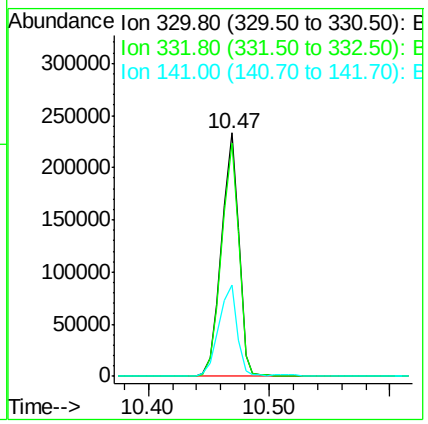


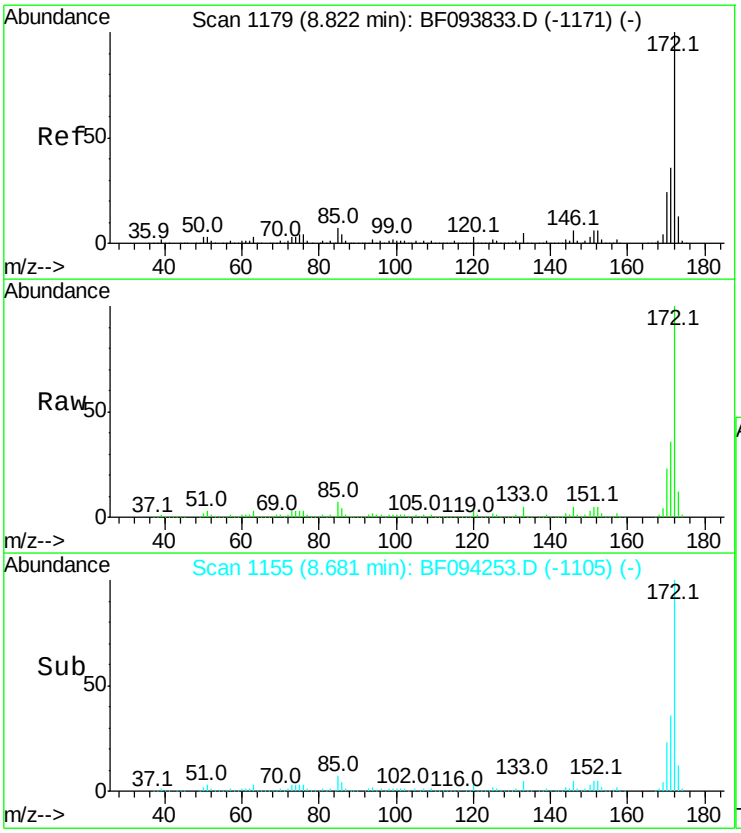
#41
2,4,6-Tribromophenol
Concen: 101.86 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:330 Resp: 233300

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	38.6	31.4	47.2

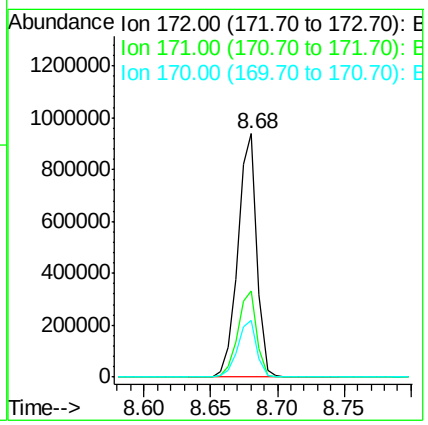


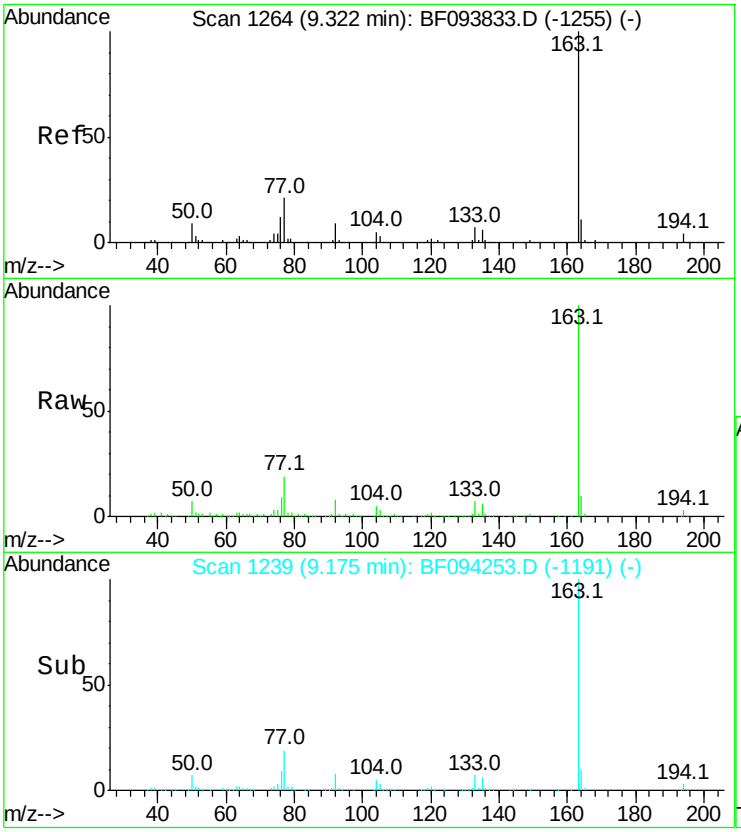


#44
2-Fluorobiphenyl
Concen: 48.80 ng
RT: 8.68 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:172 Resp: 927357

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



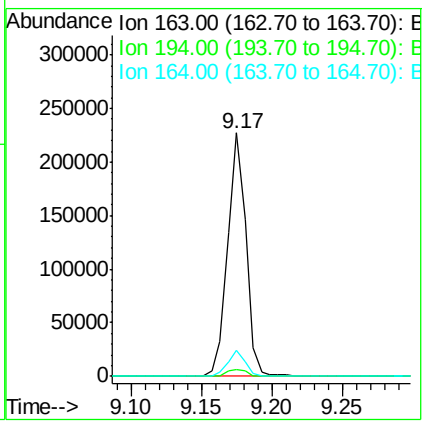


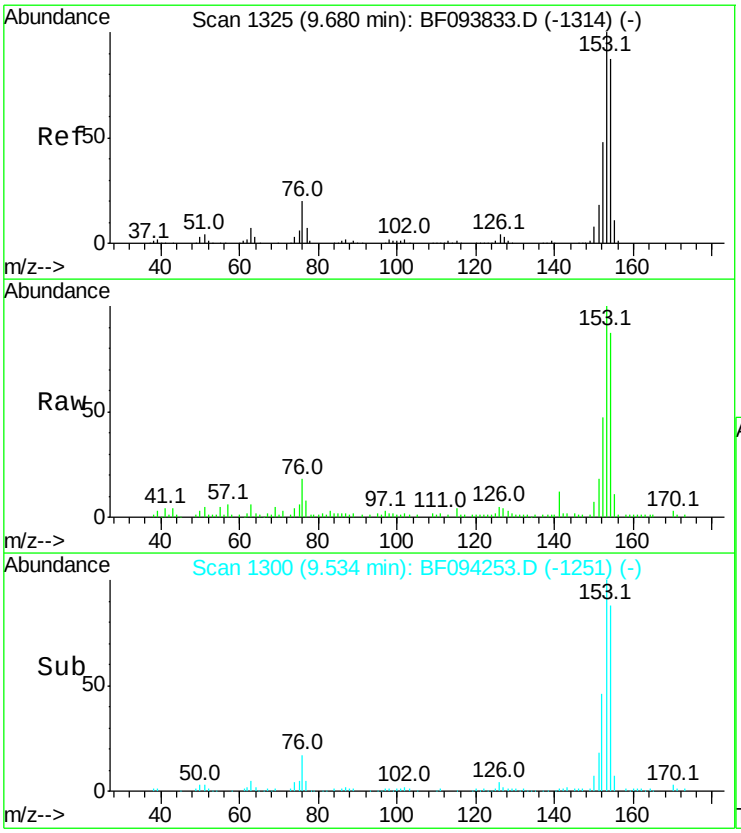
#49
Dimethylphthalate
Concen: 10.00 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:163 Resp: 205967

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.4	8.4	12.6

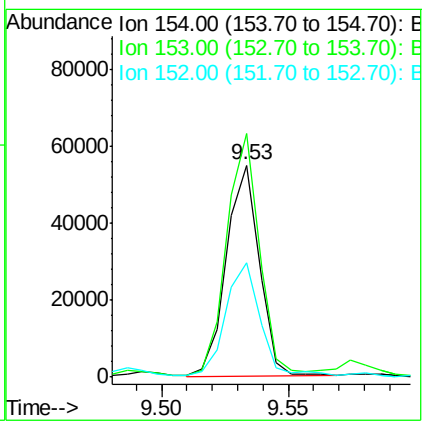


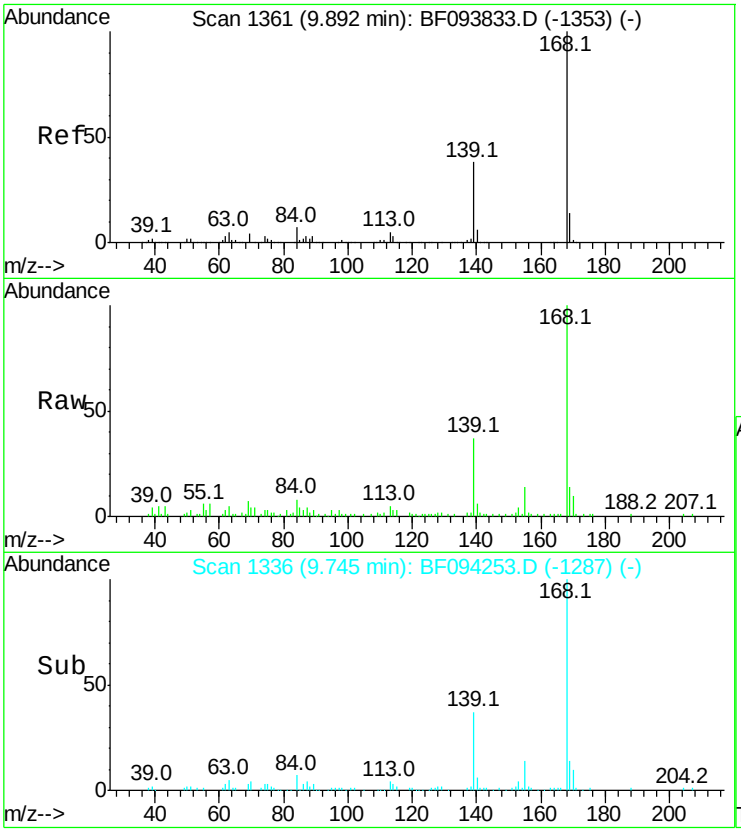


#51
Acenaphthene
Concen: 2.78 ng
RT: 9.53 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:154 Resp: 49270

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.5	135.7
152	54.2	43.6	65.4



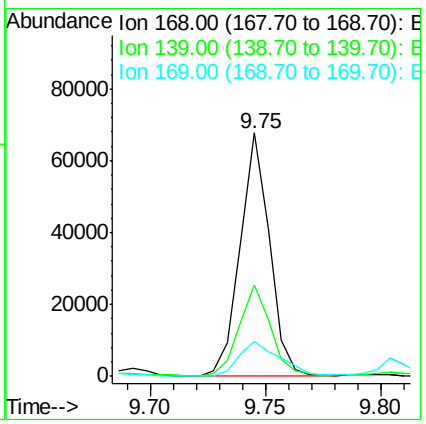


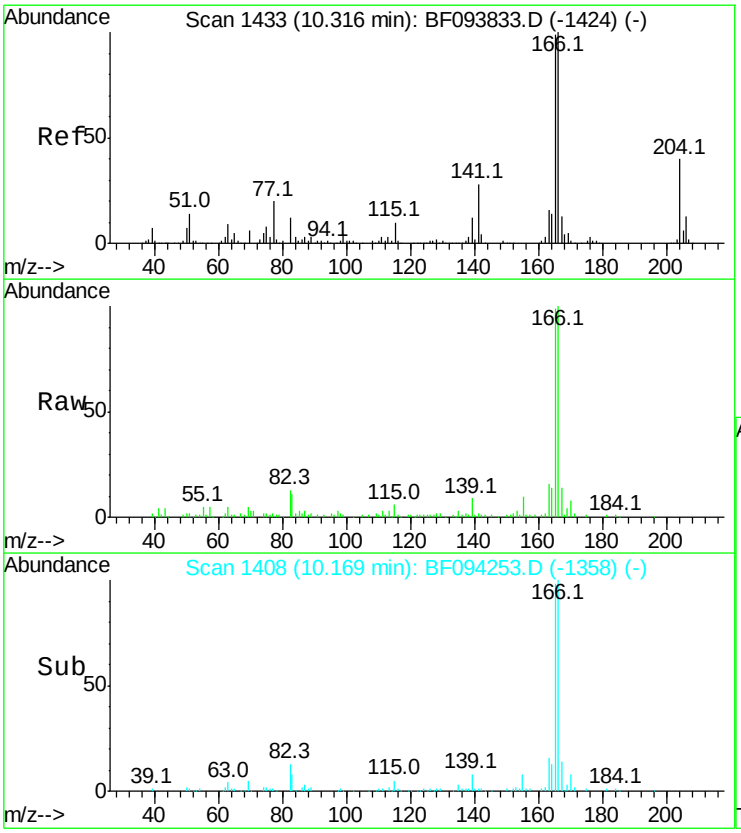
#54
Dibenzofuran
Concen: 2.51 ng
RT: 9.75 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:168 Resp: 60636

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.6	45.8
169	14.4	10.8	16.2

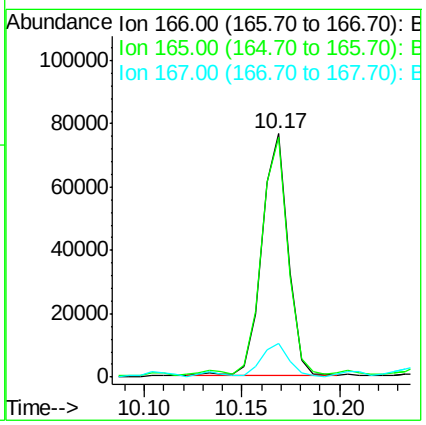


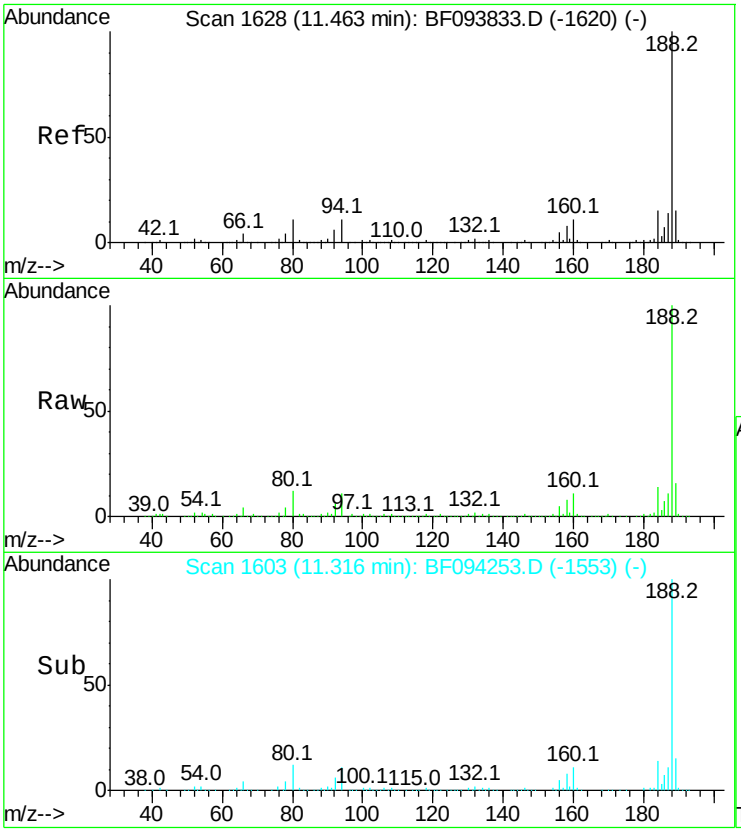


#57
Fluorene
Concen: 3.54 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:166 Resp: 70847

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.8	118.2
167	13.8	10.6	16.0



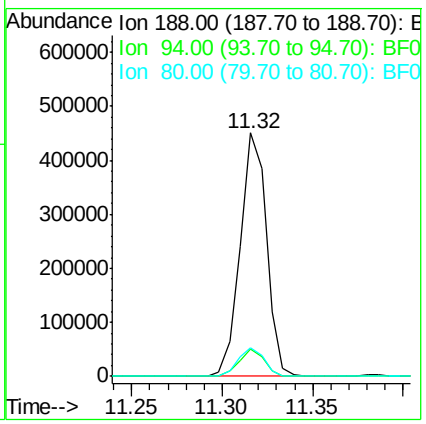


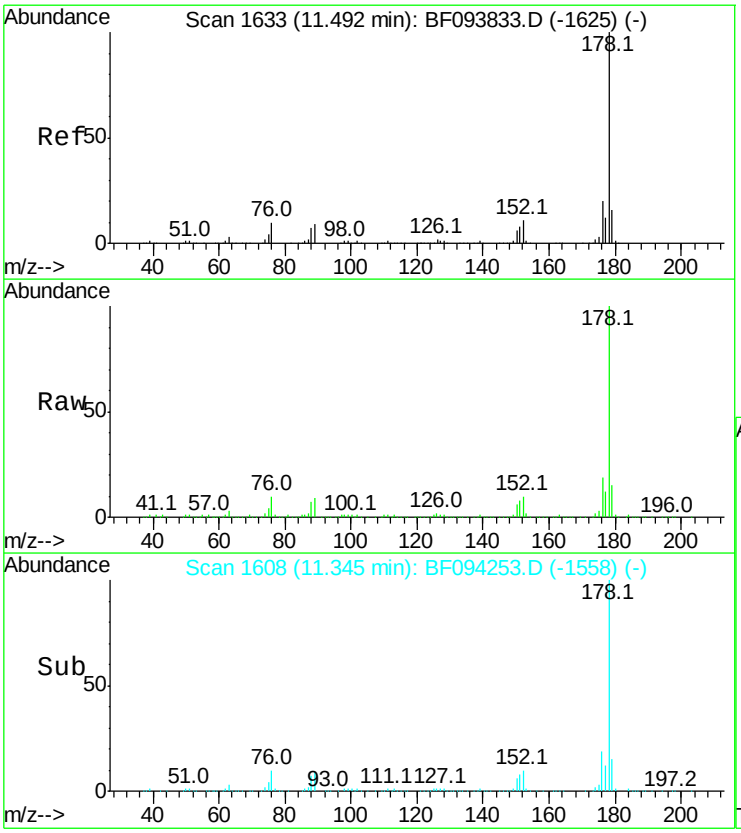
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:188 Resp: 453951

Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.7	10.2	15.2

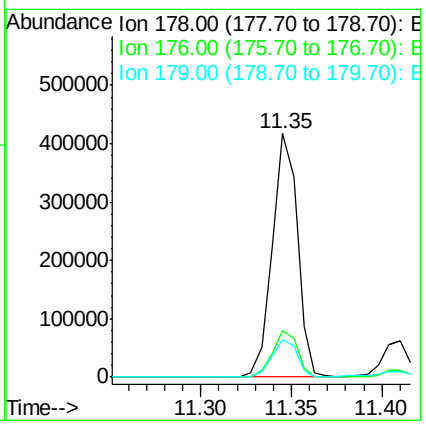


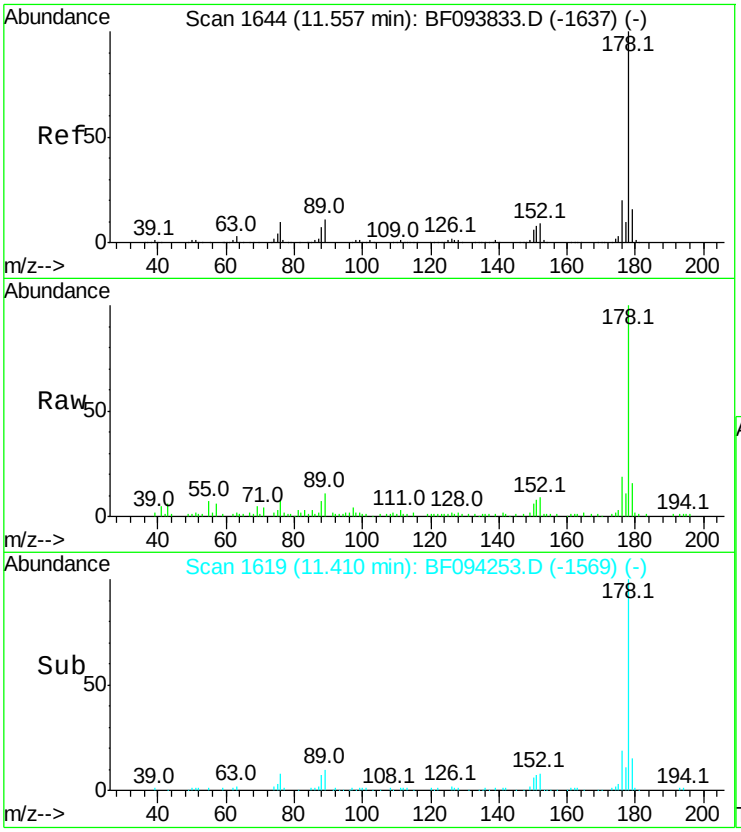


#70
Phenanthrene
Concen: 16.00 ng
RT: 11.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:178 Resp: 404019

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.5	12.6	19.0



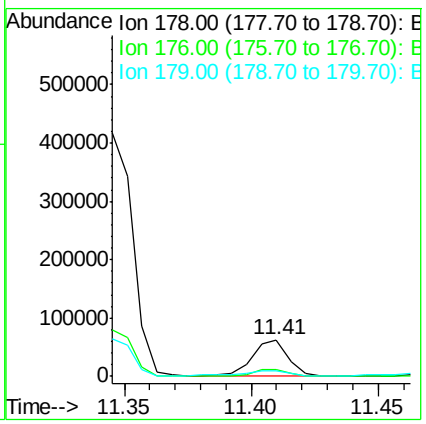


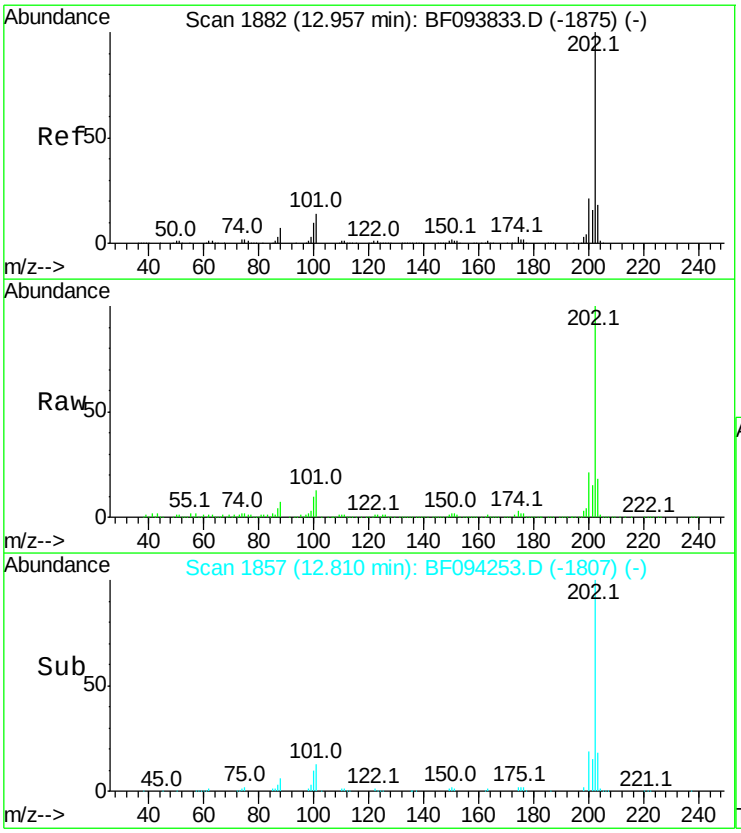
#71
Anthracene
Concen: 2.35 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:178 Resp: 61151

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	16.0	12.7	19.1

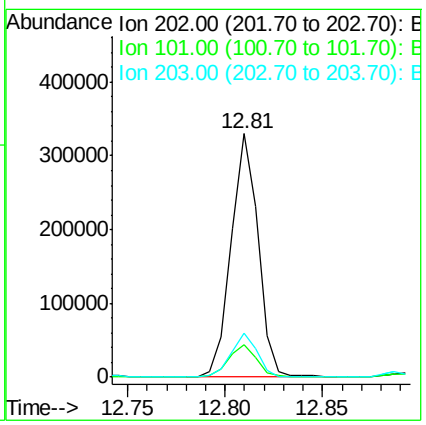


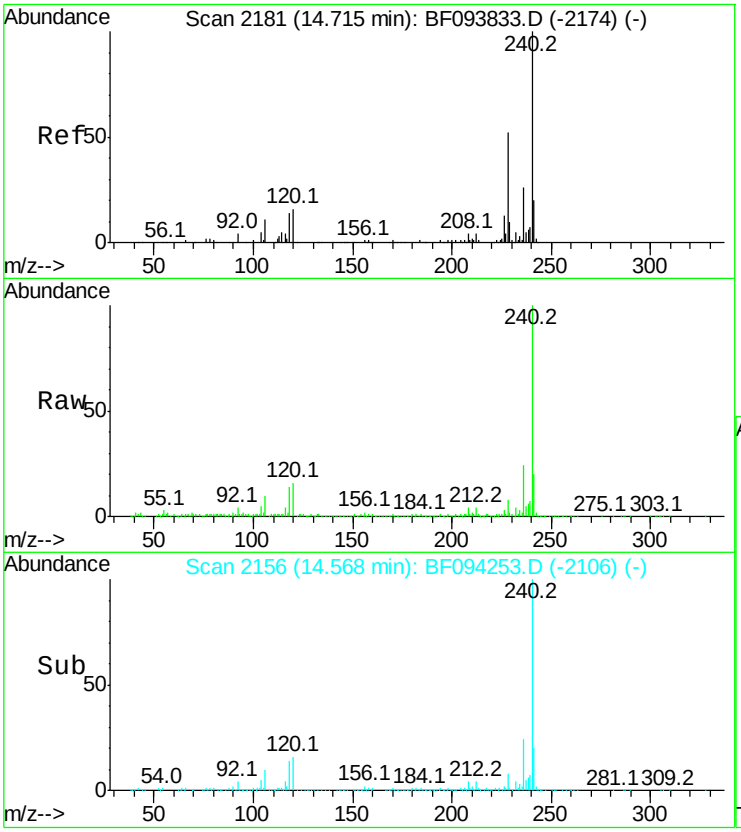


#74
Fluoranthene
Concen: 12.20 ng
RT: 12.81 min Scan# 1857
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:202 Resp: 315569

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	18.0	0.0	38.1



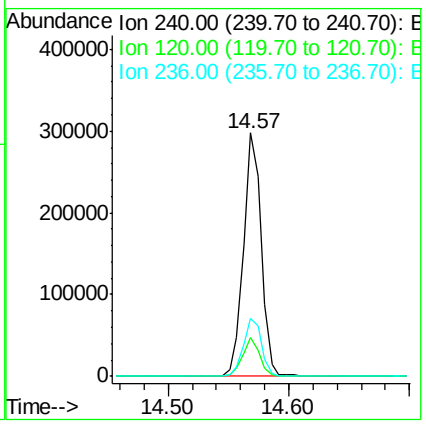


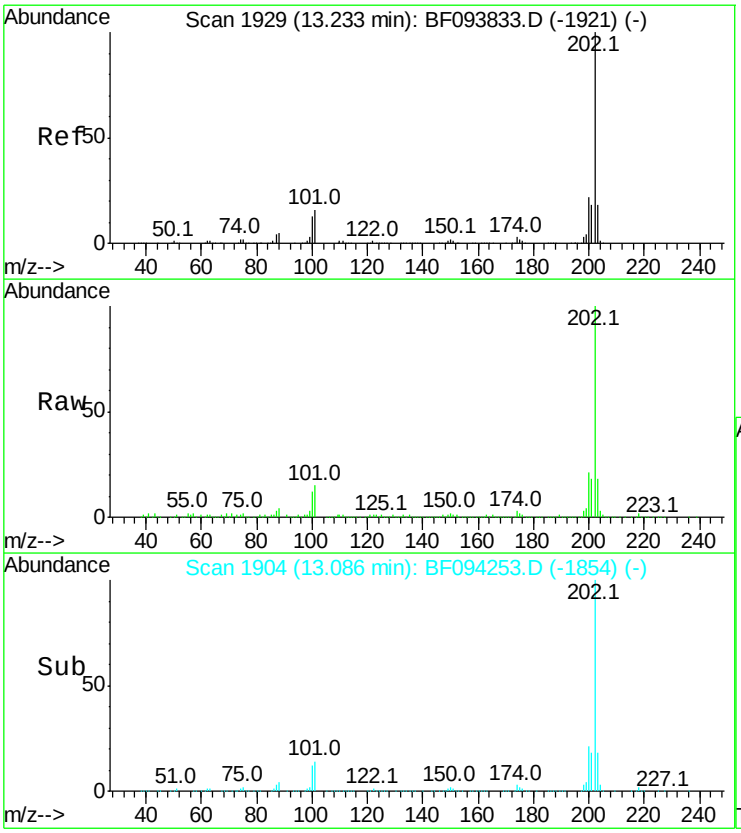
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:240 Resp: 309727

Ion	Ratio	Lower	Upper
240	100		
120	16.1	5.8	8.8#
236	24.0	20.5	30.7

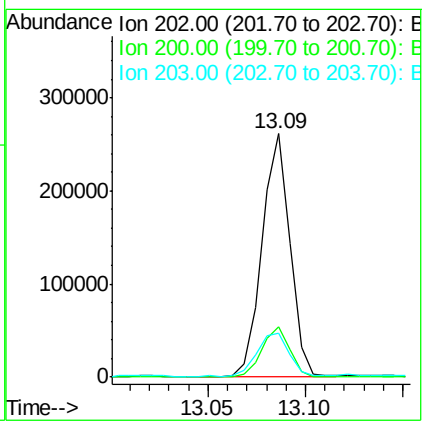


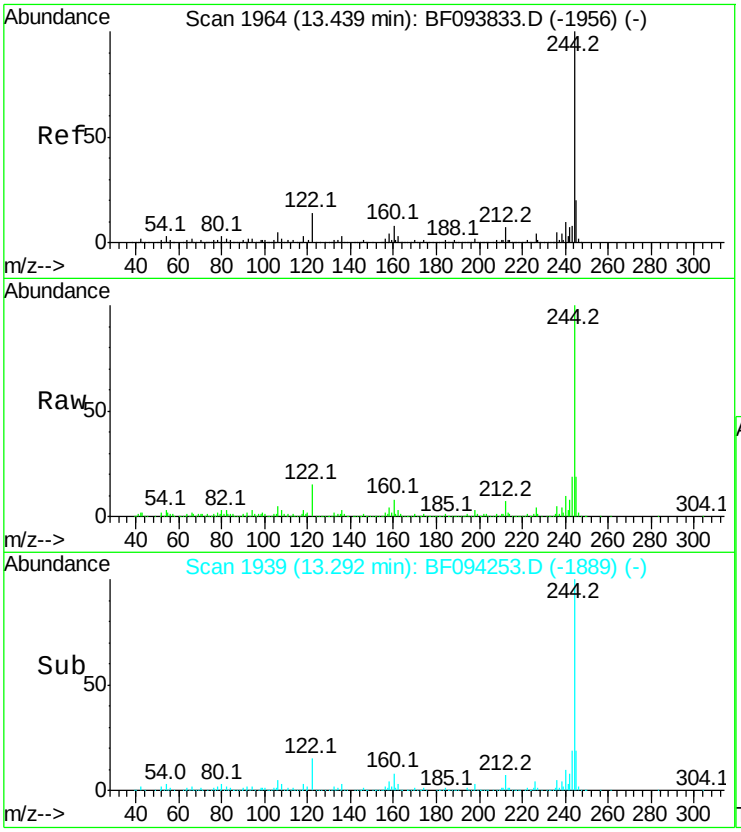


#77
Pyrene
Concen: 11.50 ng
RT: 13.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:202 Resp: 258462

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.2	14.4	21.6



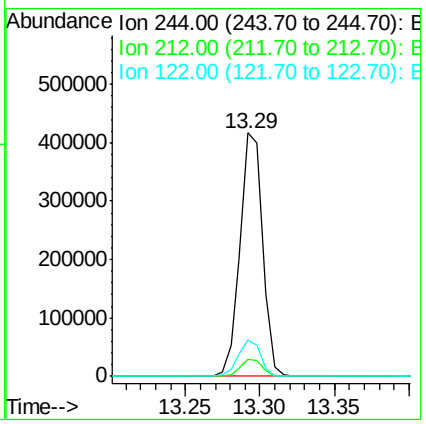


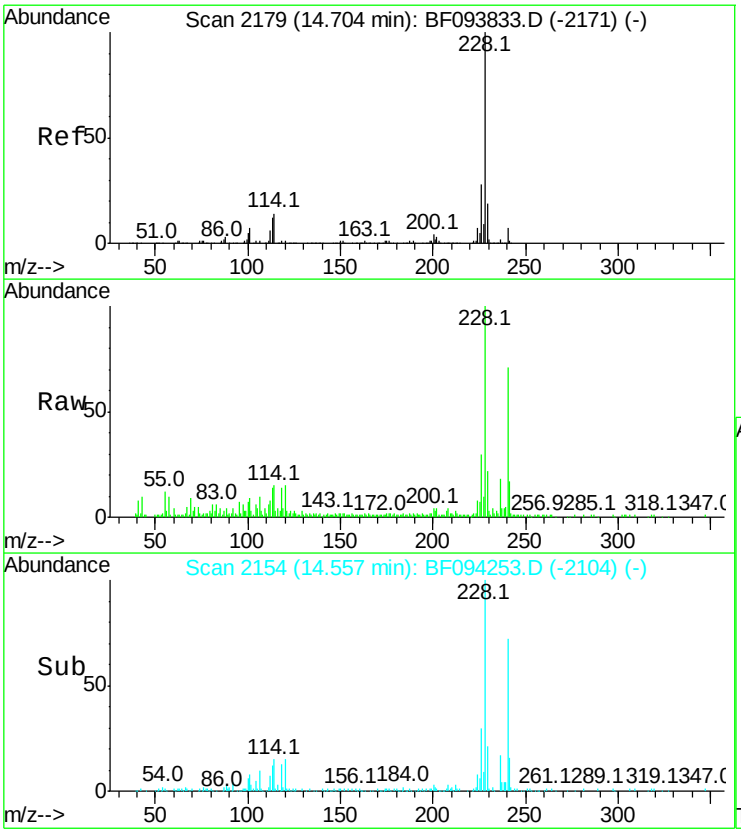
#78
Terphenyl-d14
Concen: 31.73 ng
RT: 13.29 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:244 Resp: 438487

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.7	10.3	15.5

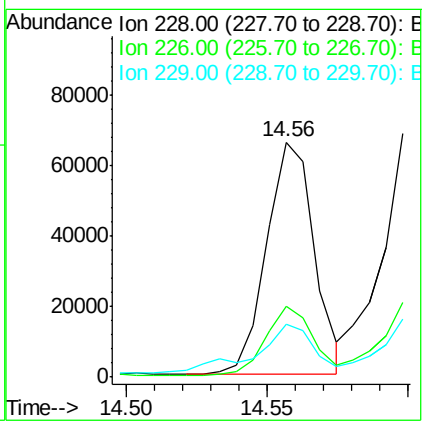


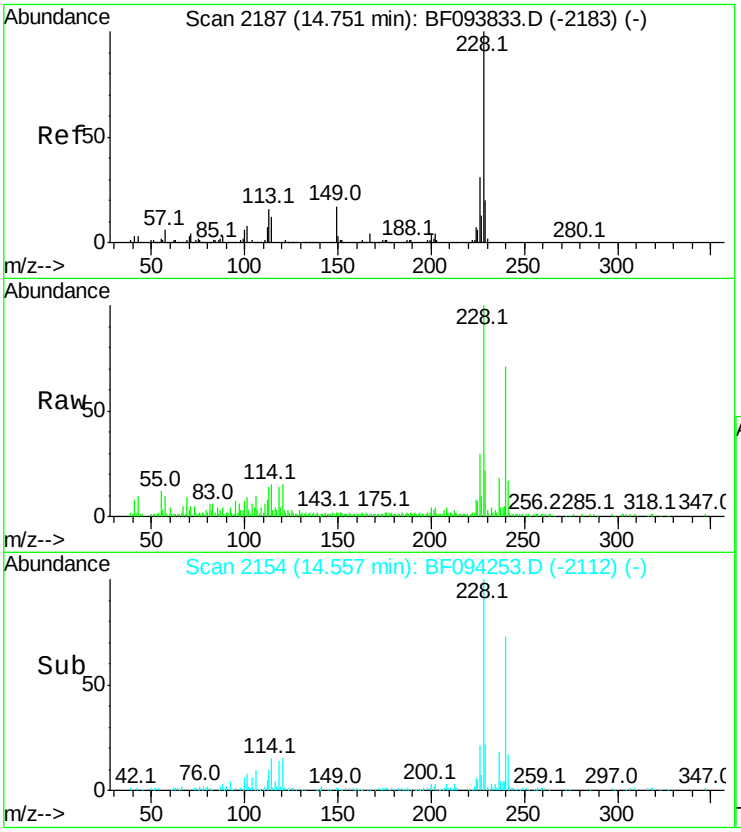


#80
Benzo(a)anthracene
Concen: 4.29 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:228 Resp: 77508

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	22.4	16.3	24.5



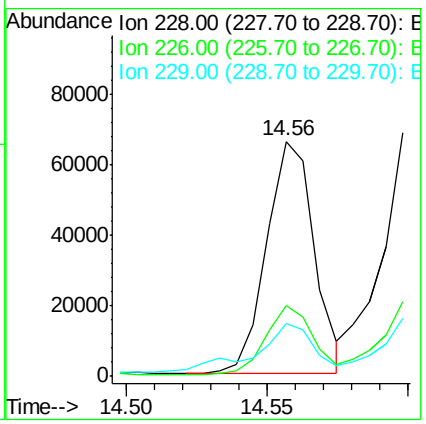


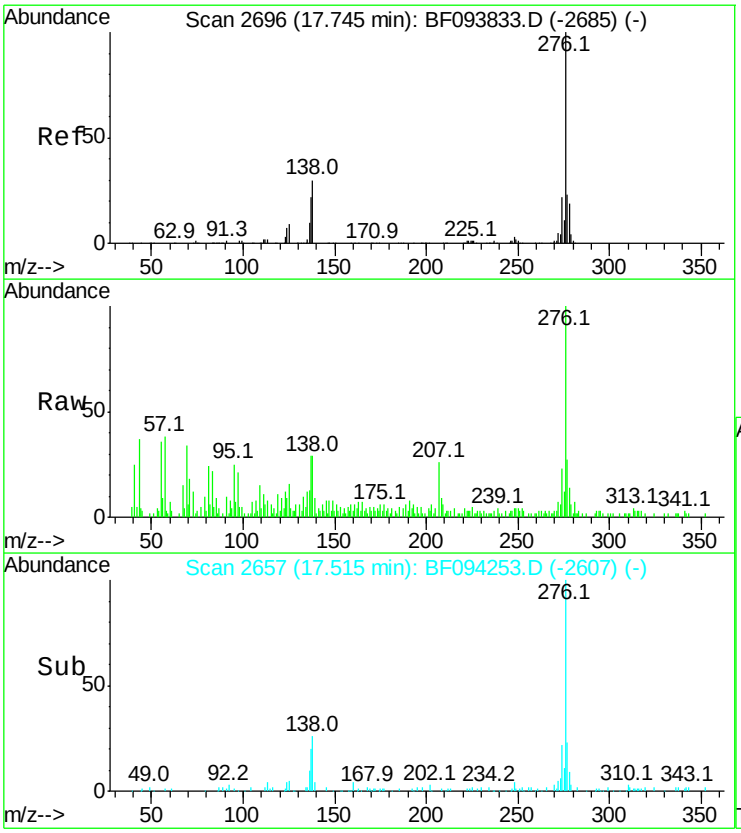
#82
Chrysene
Concen: 4.62 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.05 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:228 Resp: 77508

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.4	15.8	23.6

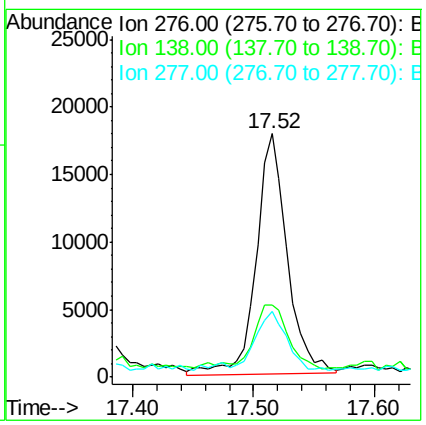


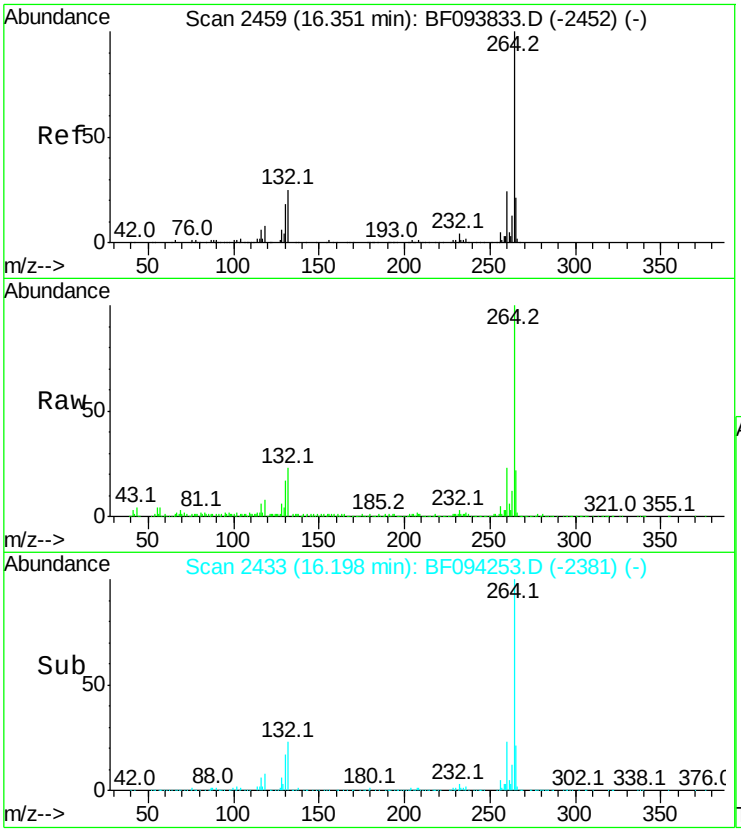


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng
RT: 17.52 min Scan# 2657
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:276 Resp: 31696

Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	24.4	20.2	30.4



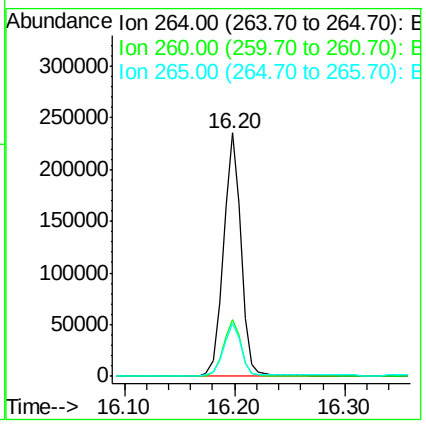


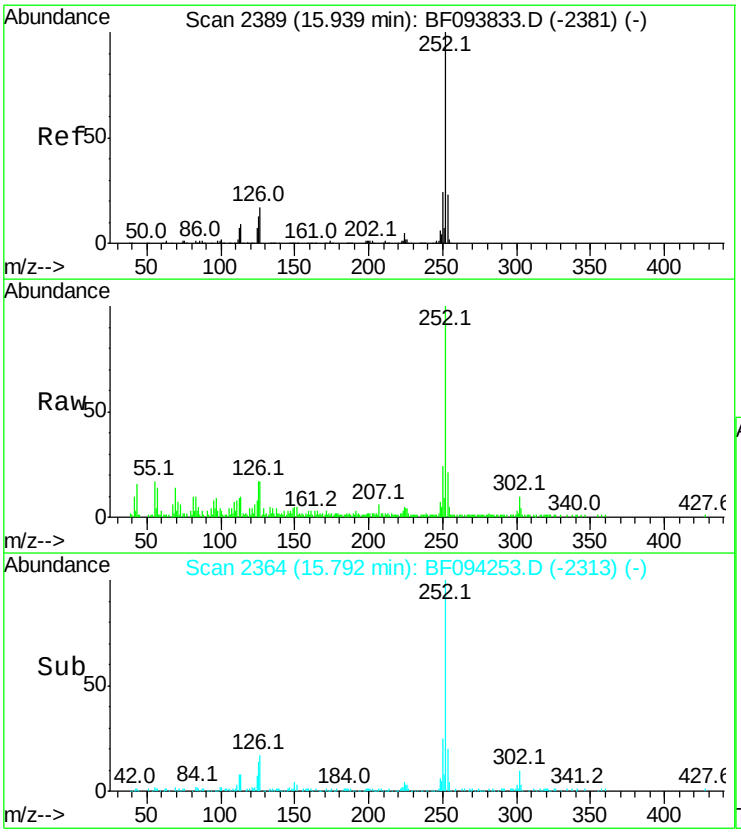
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2433
Delta R.T. 0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:264 Resp: 260400

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.5	17.2	25.8

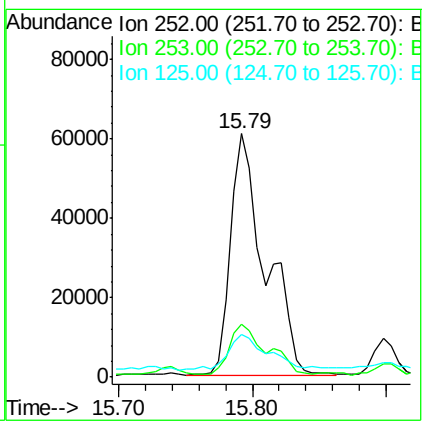


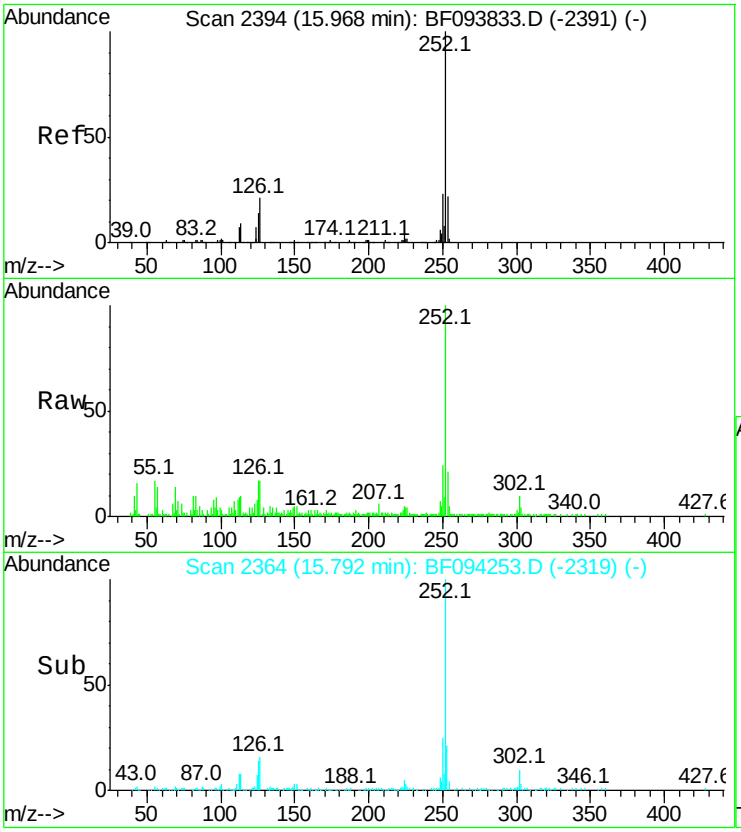


#87
Benzo(b)fluoranthene
Concen: 6.96 ng
RT: 15.79 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:252 Resp: 111072

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	17.4	9.8	14.8#



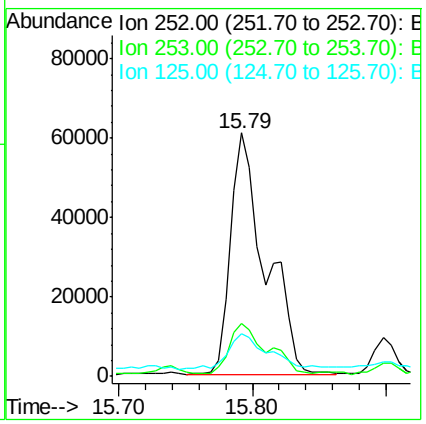


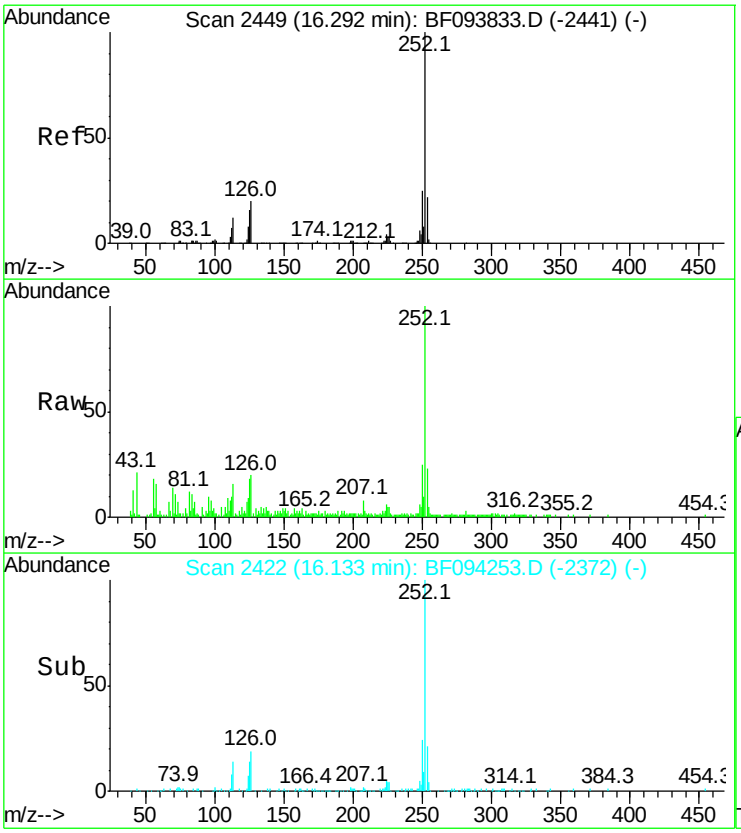
#88
Benzo(k)fluoranthene
Concen: 7.11 ng
RT: 15.79 min Scan# 2364
Delta R.T. -0.04 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:252 Resp: 111072

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	17.4	13.1	19.7

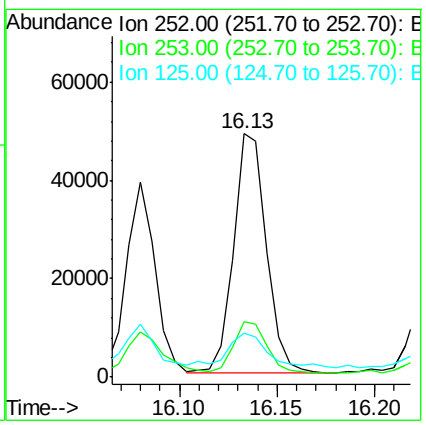


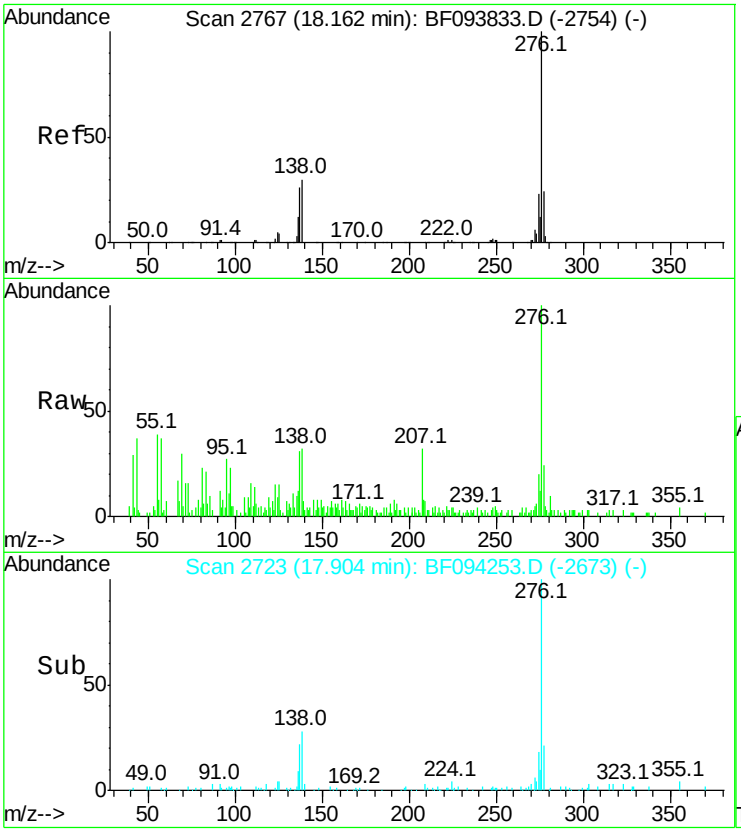


#89
Benzo(a)pyrene
Concen: 3.85 ng
RT: 16.13 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Tgt Ion:252 Resp: 56544

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	18.2	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.63 ng
RT: 17.90 min Scan# 2723
Delta R.T. -0.01 min
Lab File: BF094253.D
Acq: 7 Apr 2017 5:05

Instrument :
BNA_F
ClientSampleId :
E2-AA10-BASE

Tgt Ion:276 Resp: 33029

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	32.0	25.4	38.0