Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF032917\
Data File : BF094053.D
Acq On : 30 Mar 2017 9:02
Operator : SJ/MA
Sample : I2431-06
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 30 11:29:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	170683	20.00	ng		-0.03
21) Naphthalene-d8	7.43	136	658224	20.00	ng		-0.03
38) Acenaphthene-d10	9.57	164	273893	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	419562	20.00	ng		-0.03
75) Chrysene-d12	14.66	240	280462	20.00	ng		-0.02
86) Perylene-d12	16.30	264	252710	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1071185	106.00	ng		-0.01
7) Phenol-d6	5.53	99	1312890	105.02	ng		-0.02
23) Nitrobenzene-d5	6.57	82	699877	60.68	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	205348	94.88	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	1452046	80.86	ng		-0.03
78) Terphenyl-d14	13.37	244	920241	73.55	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.57	70	94549	11.77	ng	#	79
31) Naphthalene	7.45	128	118008	3.73	ng		97
37) 2-Methylnaphthalene	8.29	142	54670	2.59	ng		97
48) Acenaphthylene	9.39	152	417173	14.51	ng		98
49) Dimethylphthalate	9.25	163	92457	4.75	ng		99
54) Dibenzofuran	9.82	168	74402	3.26	ng		94
57) Fluorene	10.24	166	78105	4.13	ng		96
70) Phenanthrene	11.43	178	975658	41.80	ng		98
71) Anthracene	11.49	178	441150	18.36	ng		98
72) Carbazole	11.69	167	135703	5.51	ng		98
74) Fluoranthene	12.90	202	1895675	79.32	ng		99
77) Pyrene	13.17	202	1692625	83.16	ng		100
80) Benzo(a)anthracene	14.65	228	1377530	84.23	ng		98
82) Chrysene	14.65	228	1377530	90.76	ng		98
85) Indeno(1,2,3-cd)pyrene	17.67	276	673438	51.23	ng		95
87) Benzo(b)fluoranthene	15.90	252	2385019	153.97	ng	#	97
88) Benzo(k)fluoranthene	15.90	252	2385019	157.36	ng		98
89) Benzo(a)pyrene	16.24	252	1123801	78.78	ng		95
90) Dibenzo(a,h)anthracene	17.68	278	185647	15.37	ng		93
91) Benzo(g,h,i)perylene	18.08	276	580380	47.67	ng		98

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

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Acq On : 30 Mar 2017 9:02
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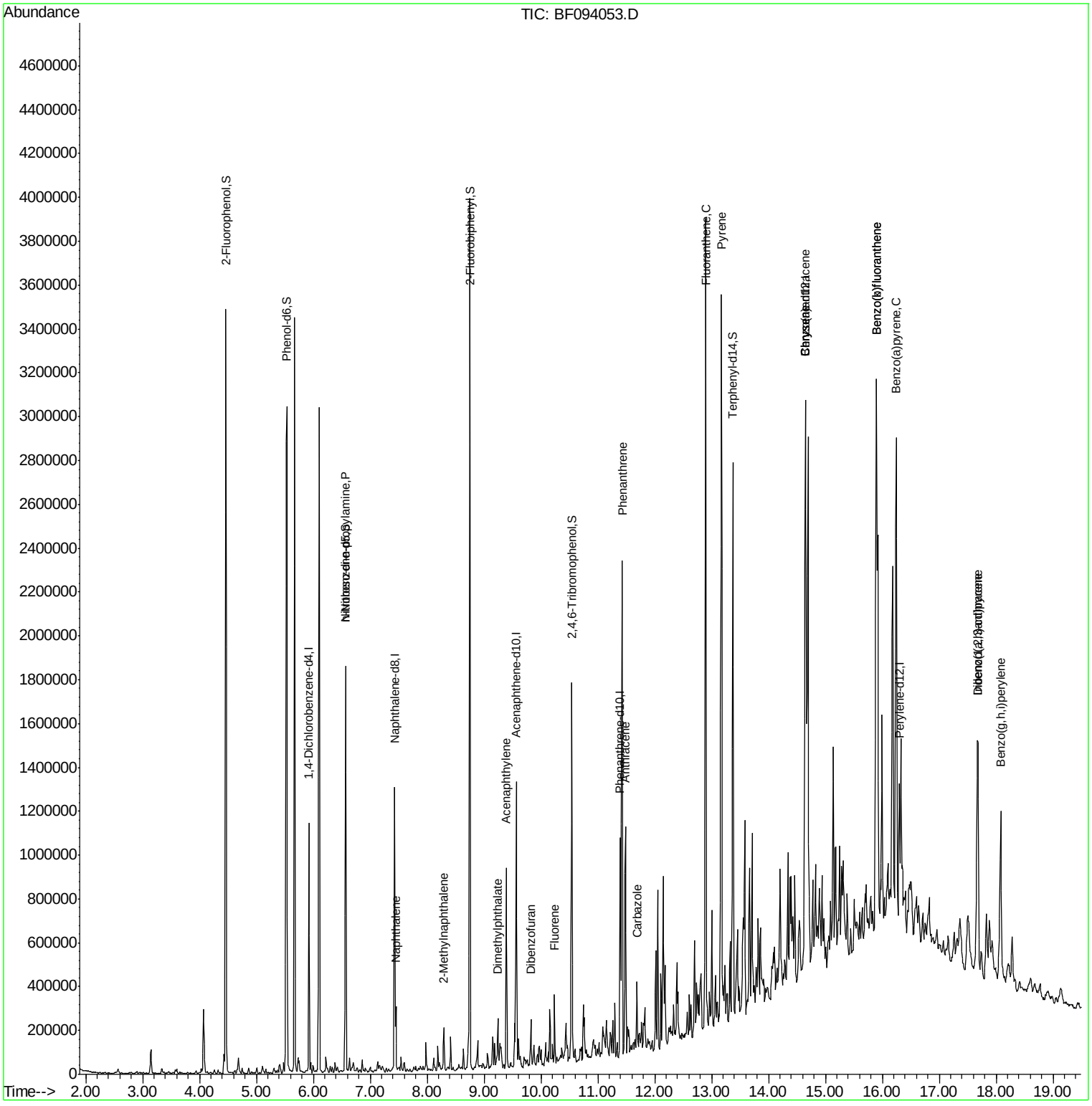
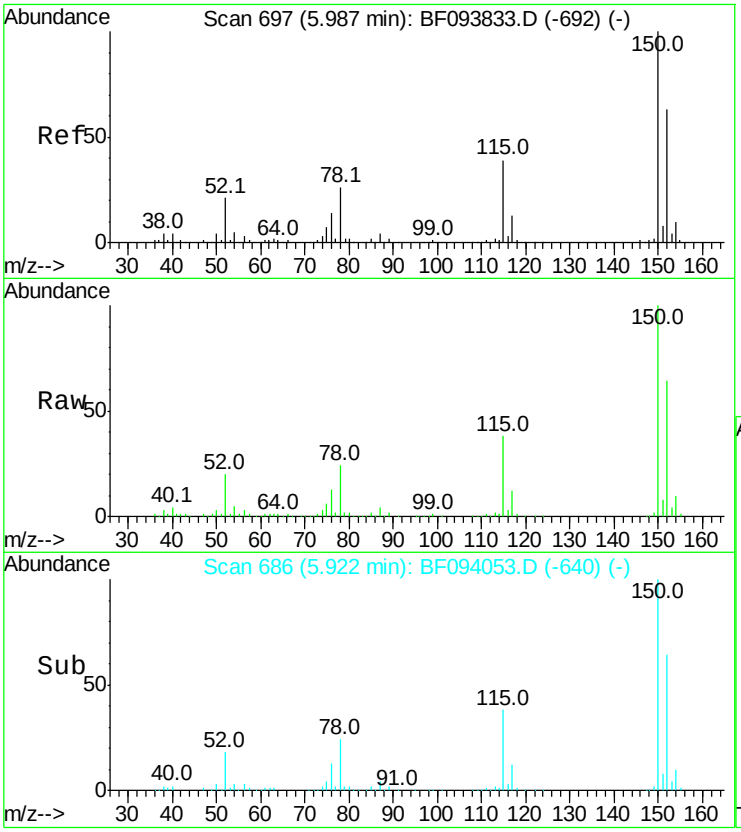


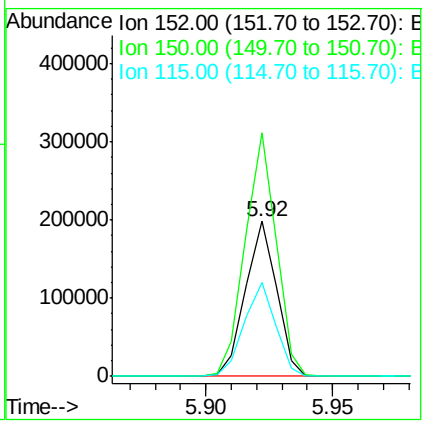


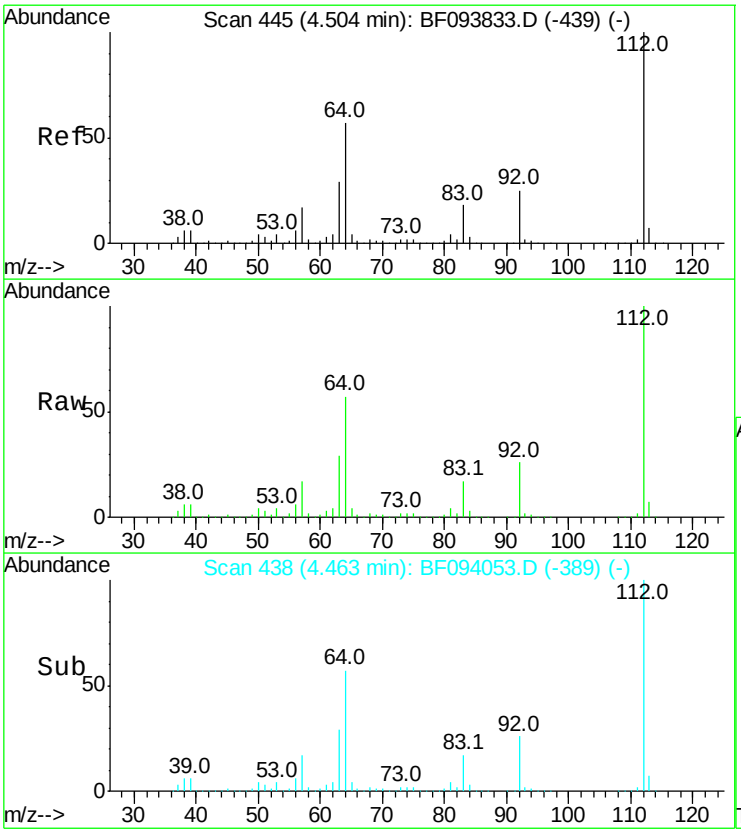
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 170683

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	60.4	52.2	78.2

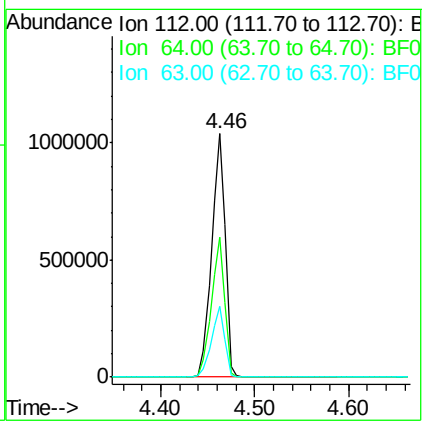


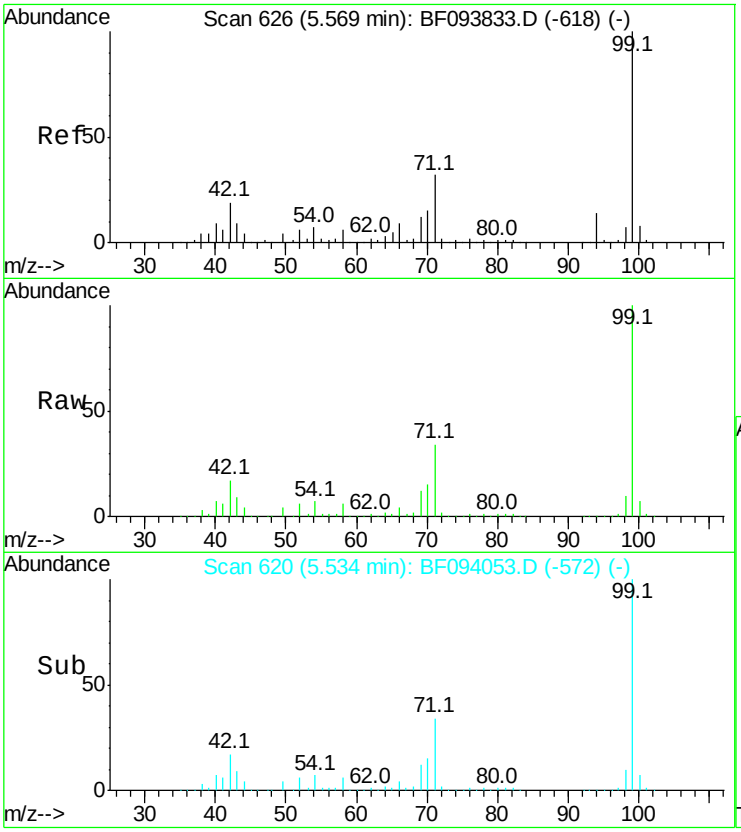


#5
2-Fluorophenol
Concen: 106.00 ng
RT: 4.46 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:112 Resp: 1071185

Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.0	69.0
63	29.1	23.4	35.0



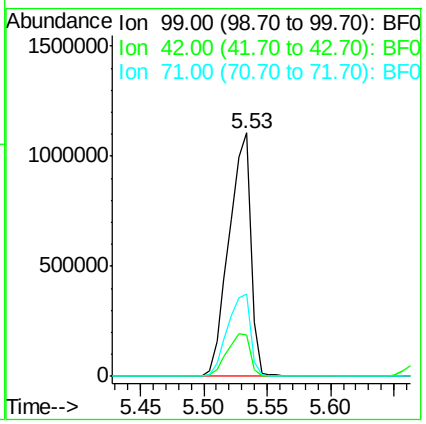


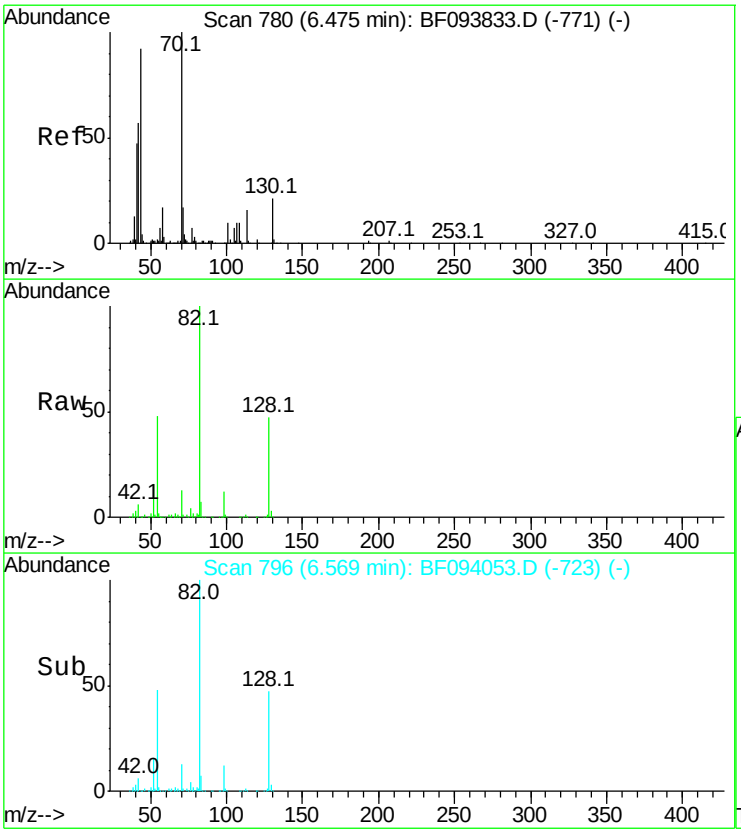
#7
Phenol-d6
Concen: 105.02 ng
RT: 5.53 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1312890

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	34.0	24.5	36.7

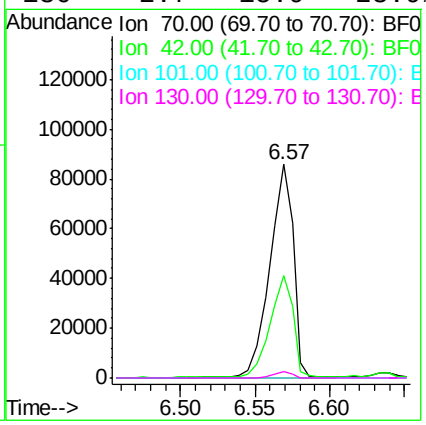


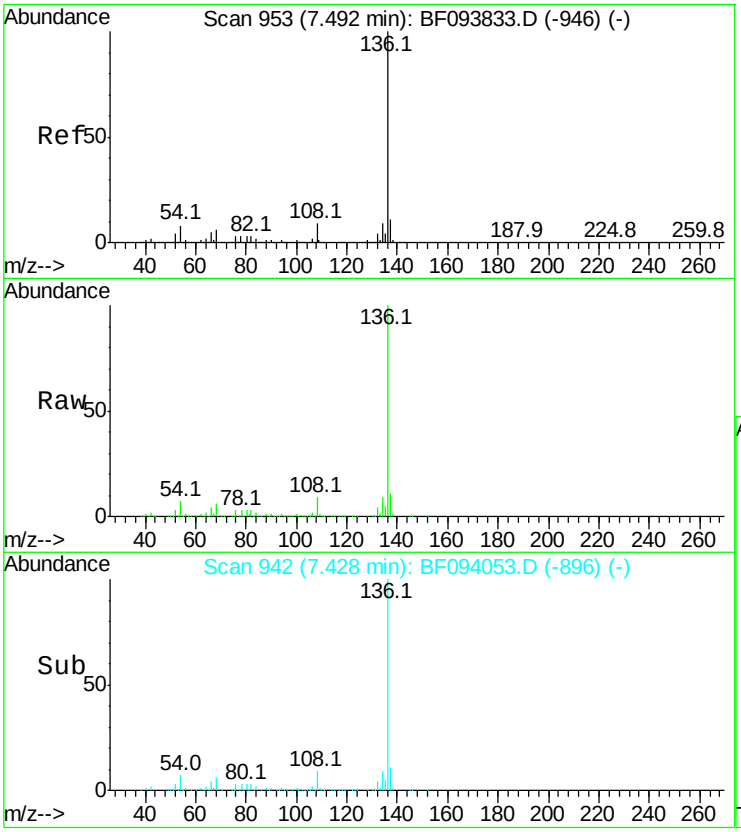


#19
n-Nitroso-di-n-propylamine
Concen: 11.77 ng
RT: 6.57 min Scan# 796
Delta R.T. 0.13 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion: 70 Resp: 94549

Ion	Ratio	Lower	Upper
70	100		
42	47.8	47.2	70.8
101	0.0	7.2	10.8#
130	2.7	15.9	23.9#



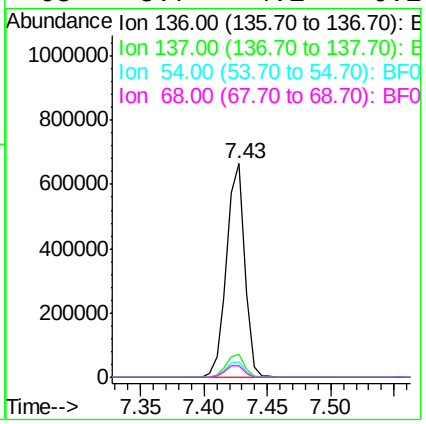


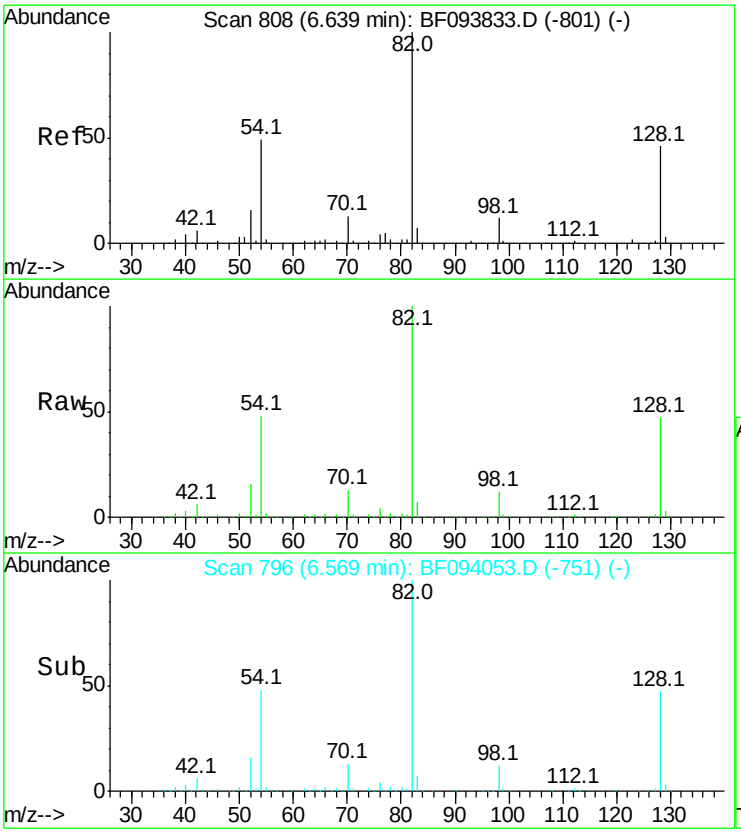
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.43 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 658224

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.0	4.9	7.3
68	5.7	4.1	6.1

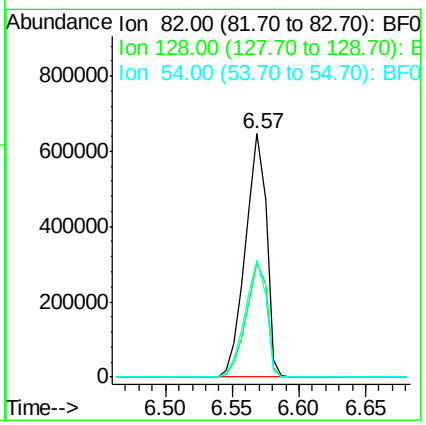


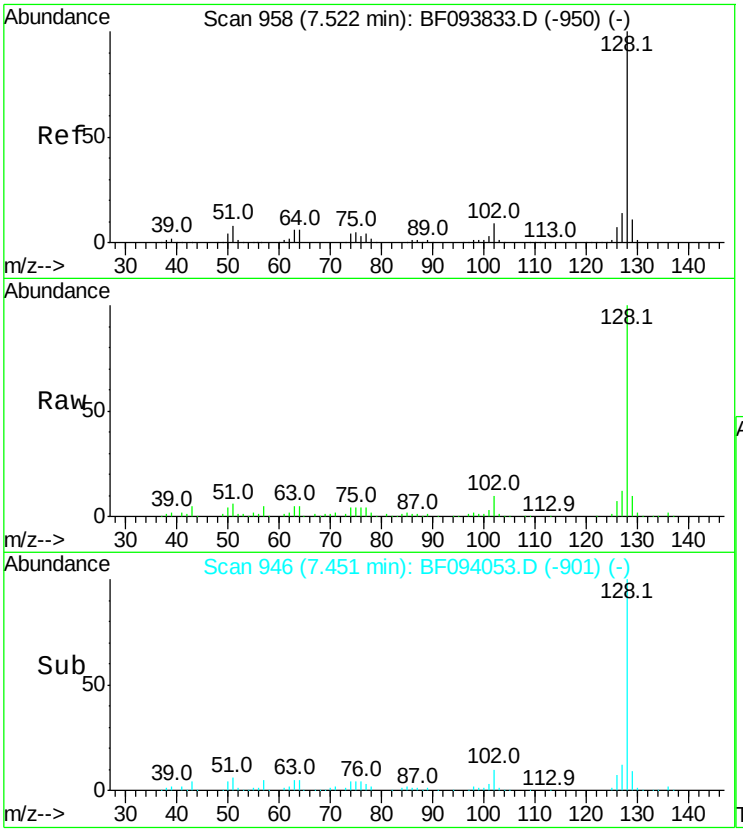


#23
Nitrobenzene-d5
Concen: 60.68 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion: 82 Resp: 699877

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	48.1	42.2	63.2



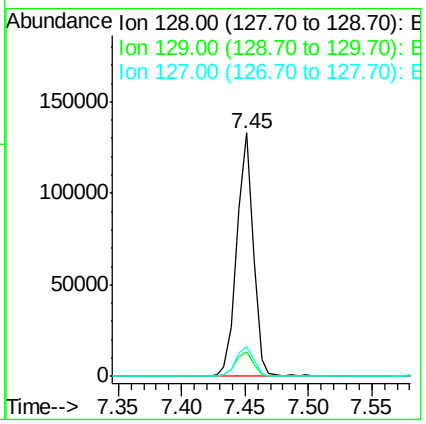


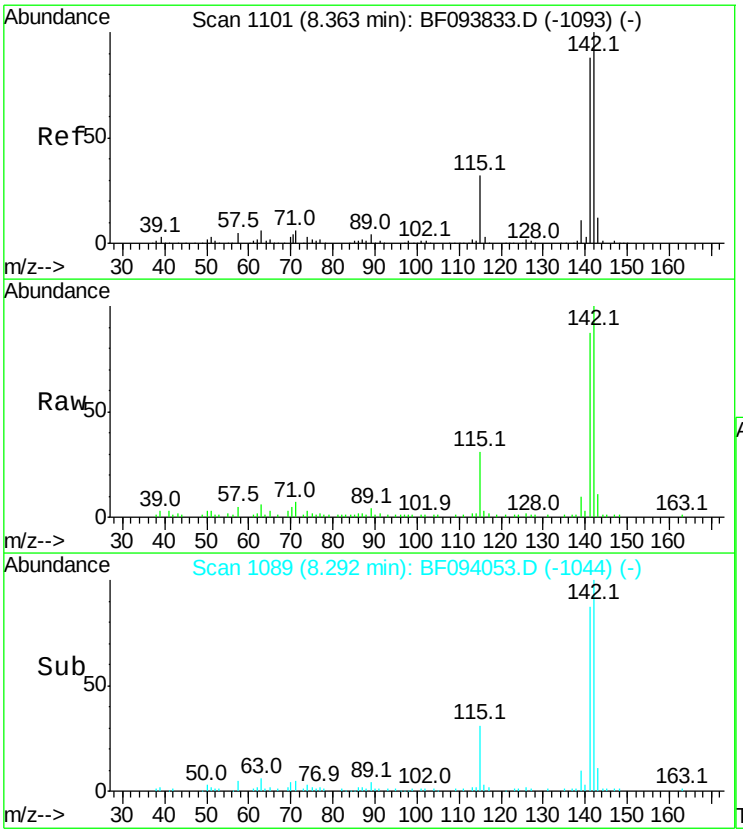
#31
Naphthalene
Concen: 3.73 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 118008

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.0	13.6
127	12.4	10.8	16.2

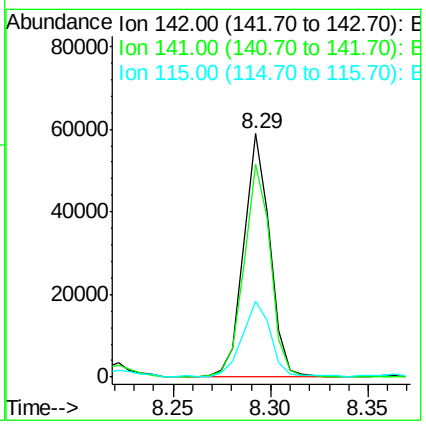


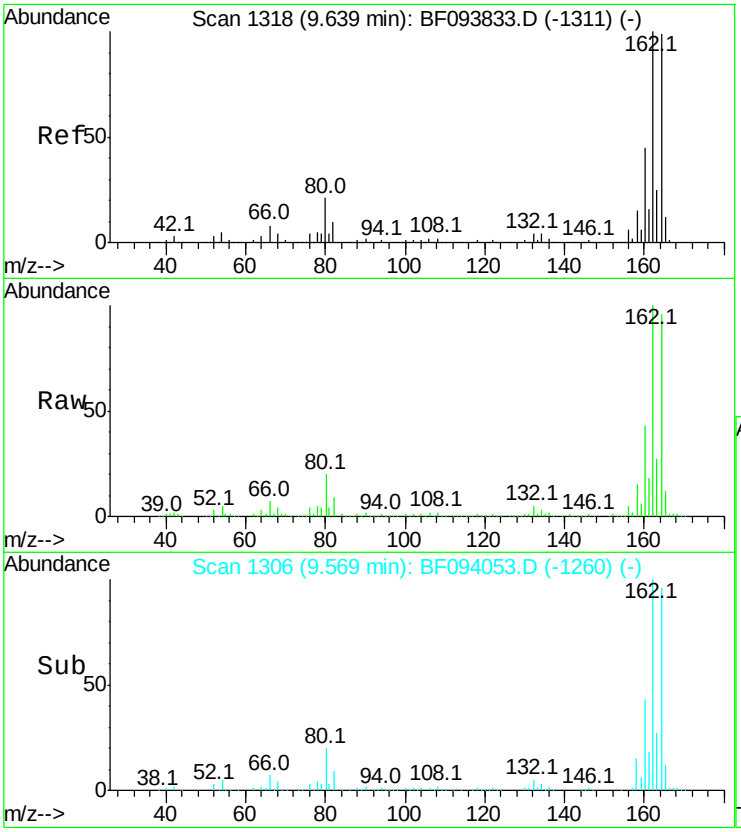


#37
2-Methylnaphthalene
Concen: 2.59 ng
RT: 8.29 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:142 Resp: 54670

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.3	106.9
115	31.2	27.1	40.7



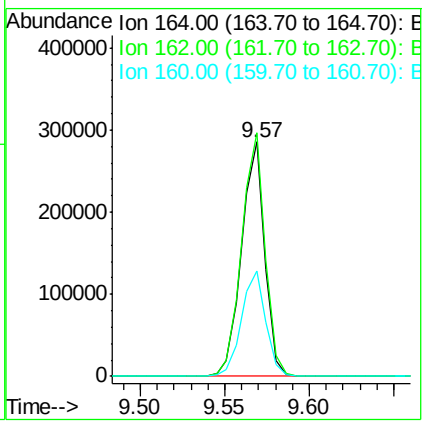


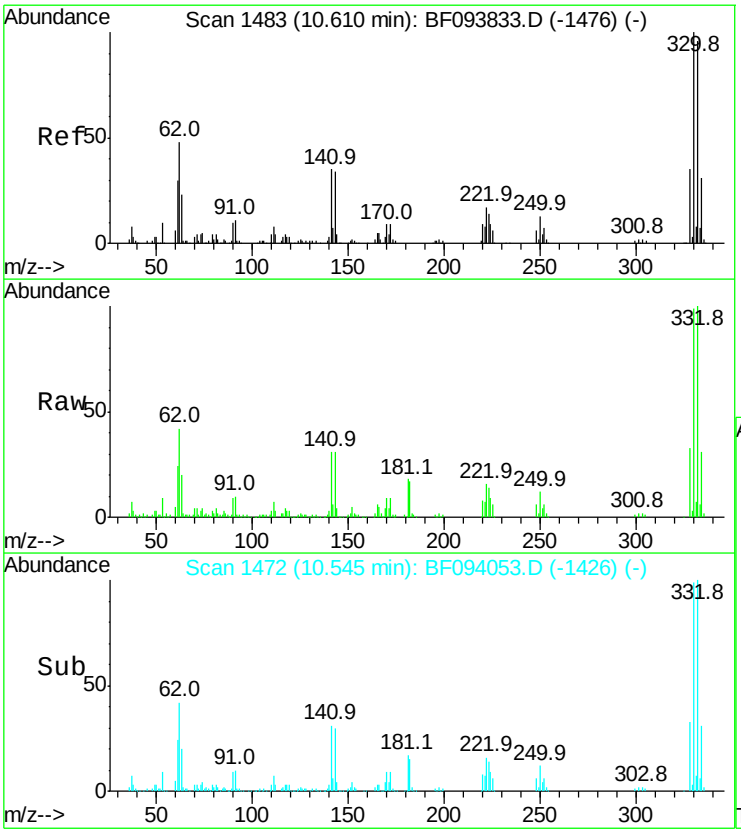
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 273893

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	45.0	36.2	54.2

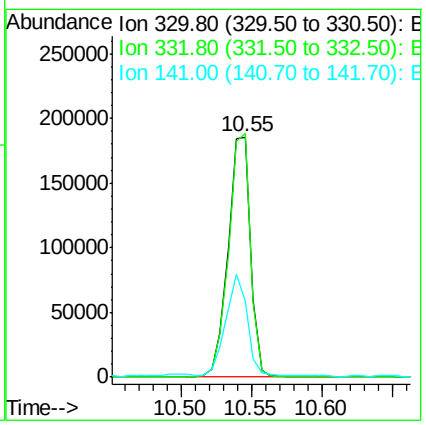


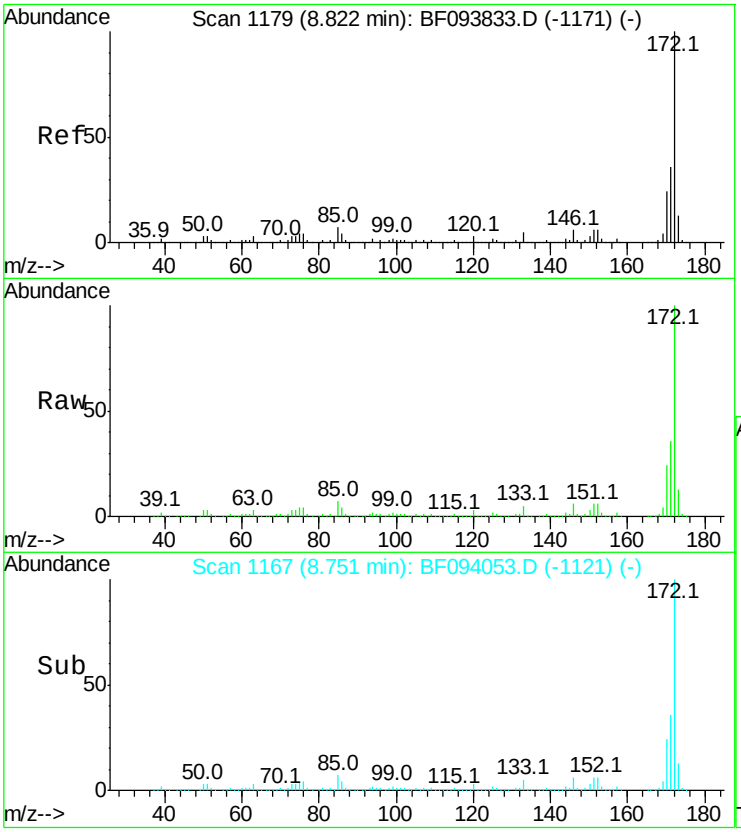


#41
2,4,6-Tribromophenol
Concen: 94.88 ng
RT: 10.55 min Scan# 1472
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:330 Resp: 205348

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.6	115.0
141	40.6	31.4	47.2



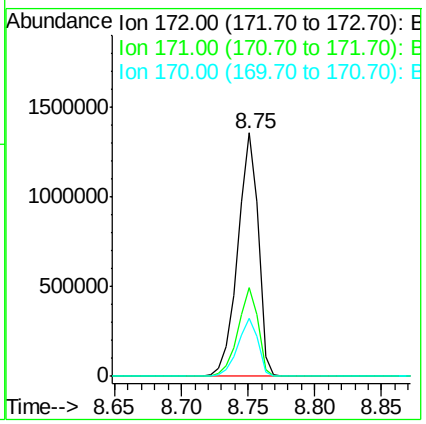


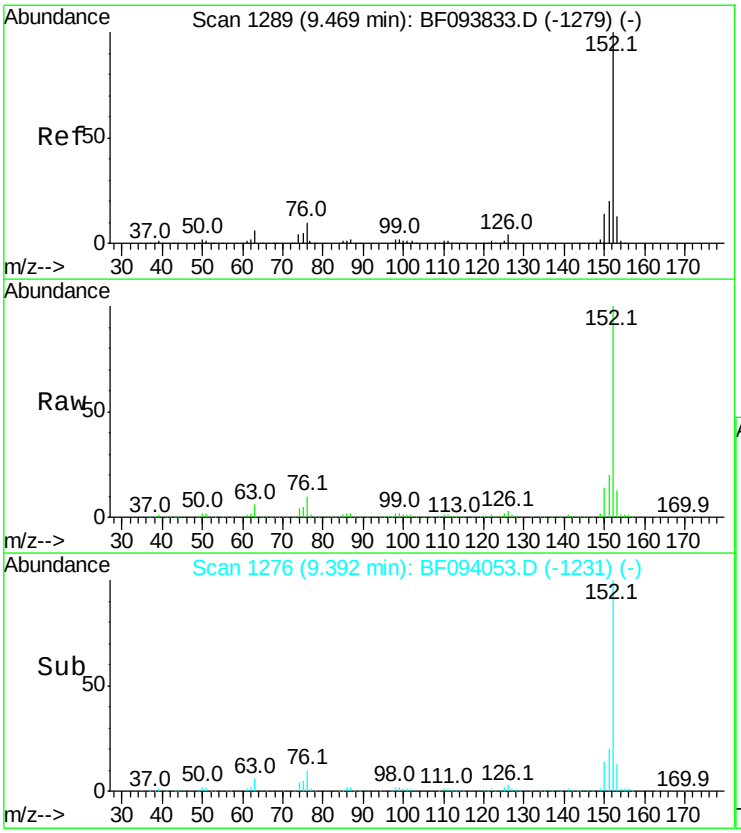
#44
2-Fluorobiphenyl
Concen: 80.86 ng
RT: 8.75 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 1452046

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.8	19.8	29.8

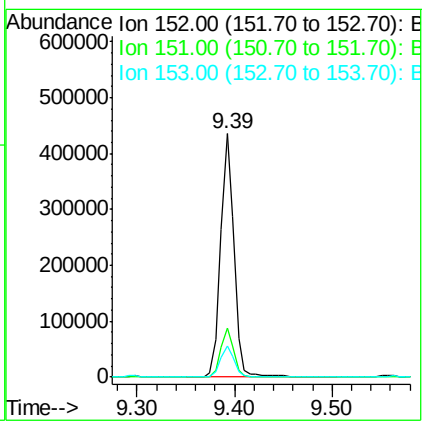


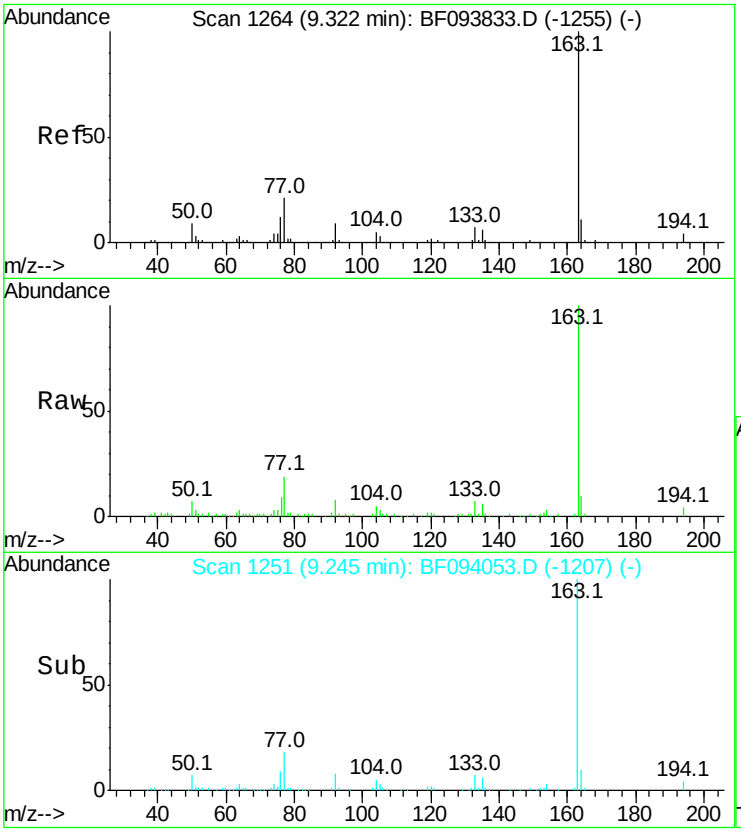


#48
Acenaphthylene
Concen: 14.51 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:152 Resp: 417173

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.8	10.8	16.2



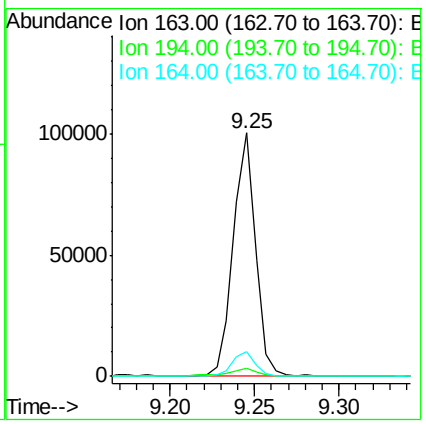


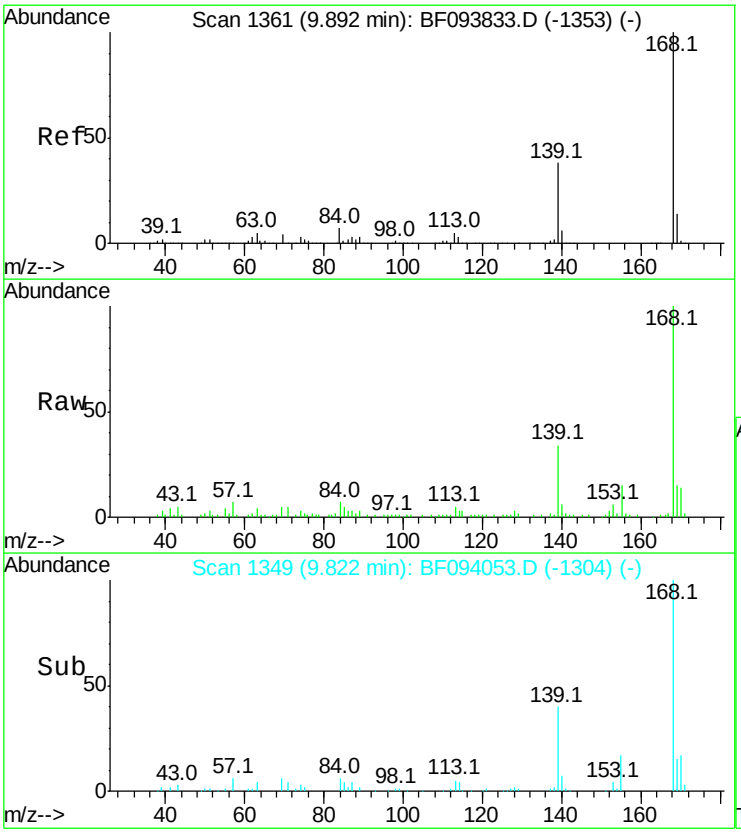
#49
Dimethylphthalate
Concen: 4.75 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 92457

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

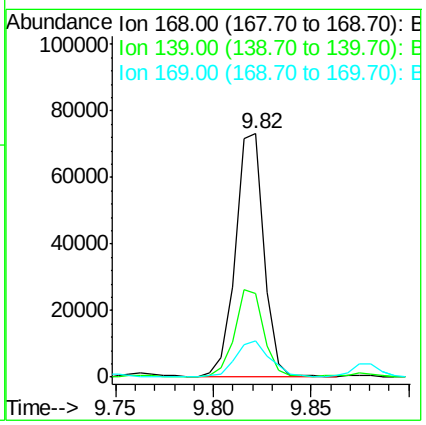


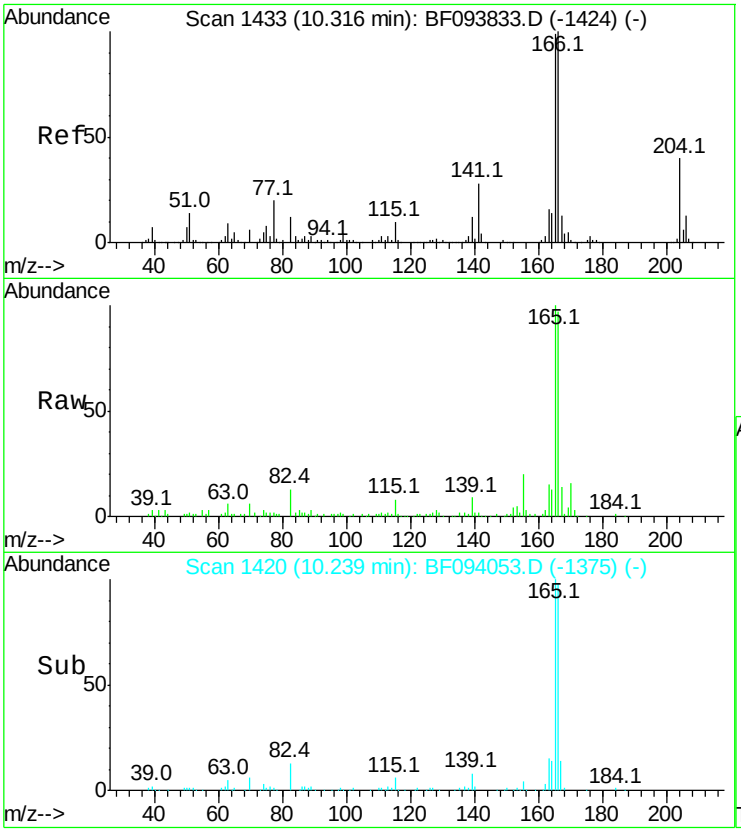


#54
Dibenzofuran
Concen: 3.26 ng
RT: 9.82 min Scan# 1349
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:168 Resp: 74402

Ion	Ratio	Lower	Upper
168	100		
139	34.2	30.6	45.8
169	14.9	10.8	16.2



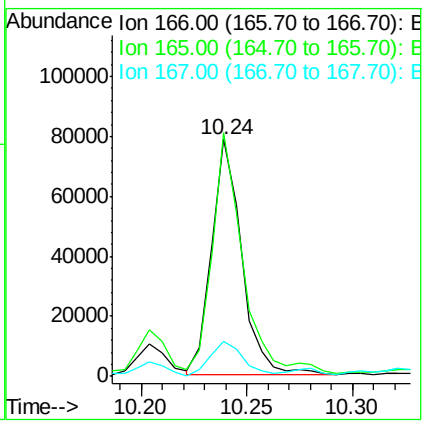


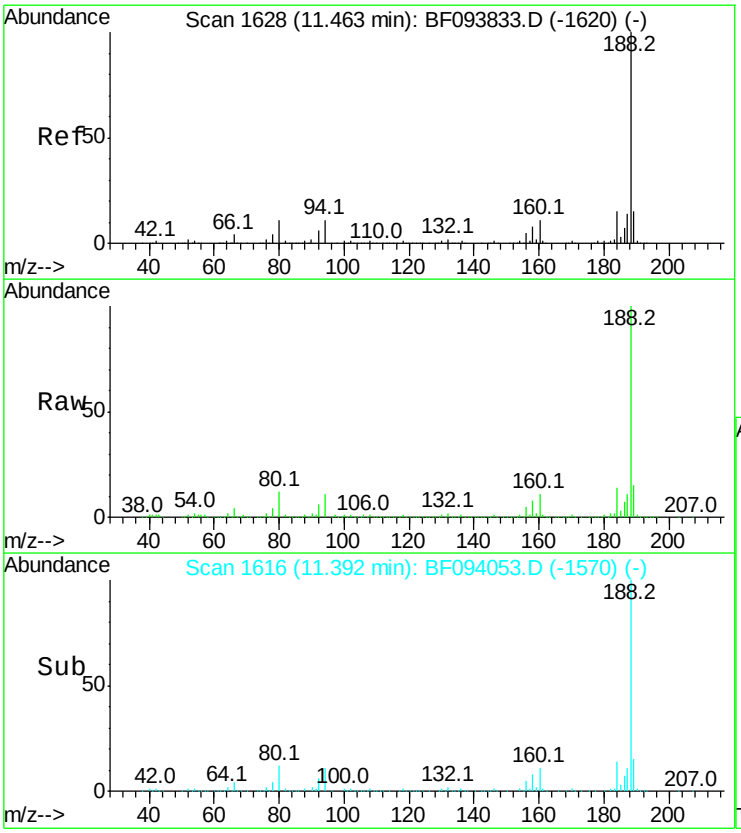
#57
Fluorene
Concen: 4.13 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 78105

Ion	Ratio	Lower	Upper
166	100		
165	102.8	78.8	118.2
167	14.8	10.6	16.0

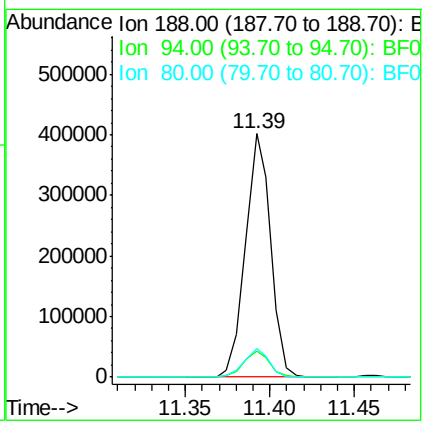


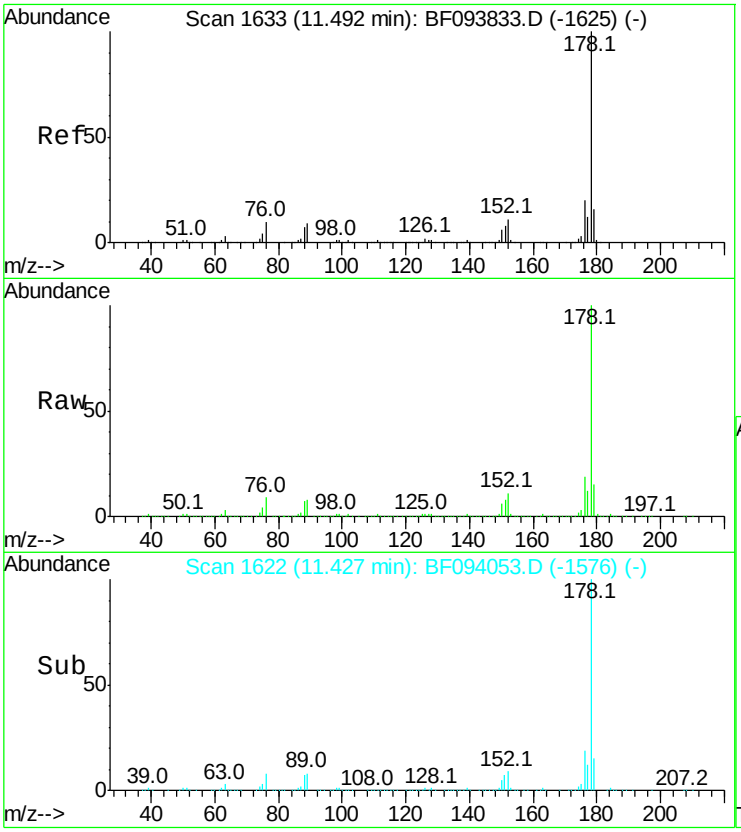


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1616
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:188 Resp: 419562

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.9	10.2	15.2



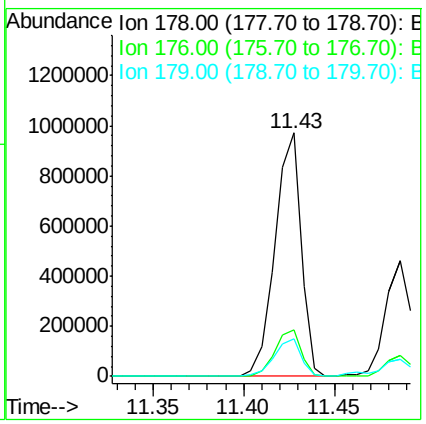


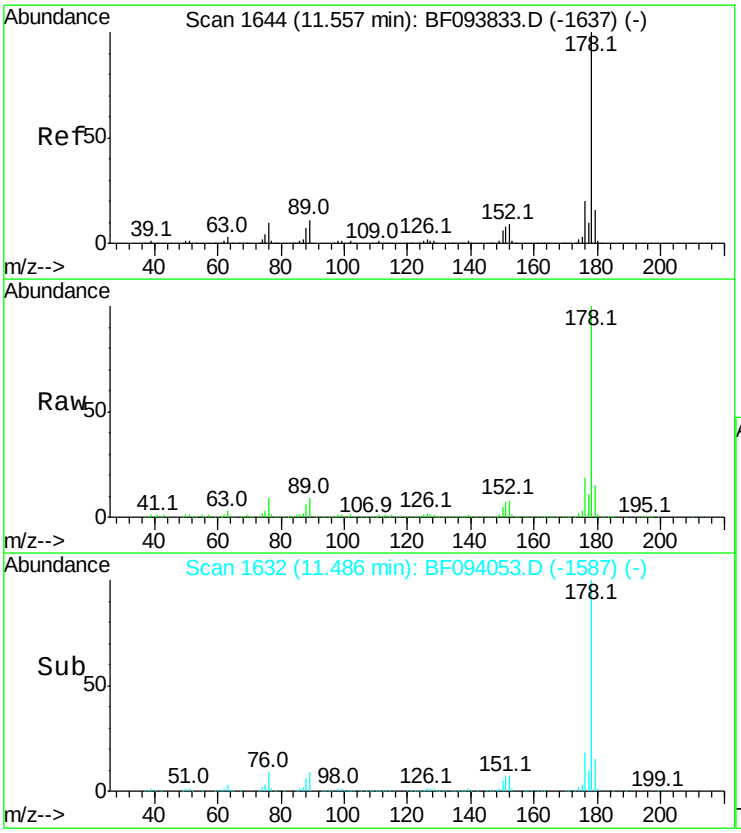
#70
Phenanthrene
Concen: 41.80 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 975658

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

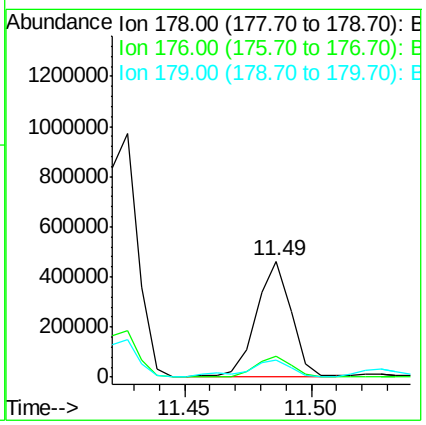


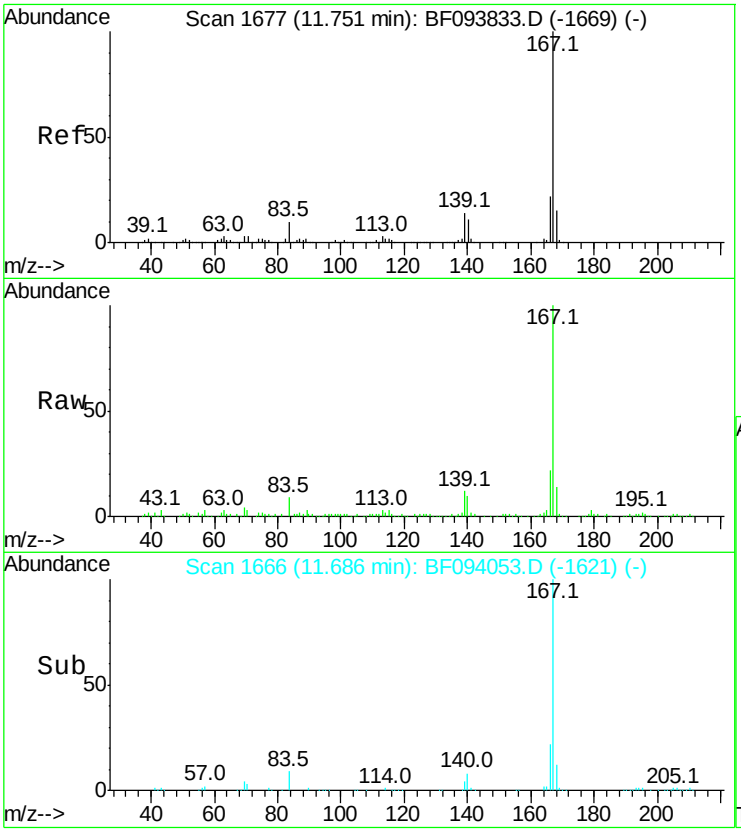


#71
Anthracene
Concen: 18.36 ng
RT: 11.49 min Scan# 1632
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:178 Resp: 441150

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	12.7	19.1



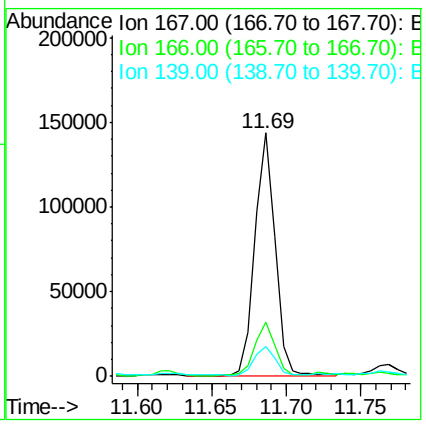


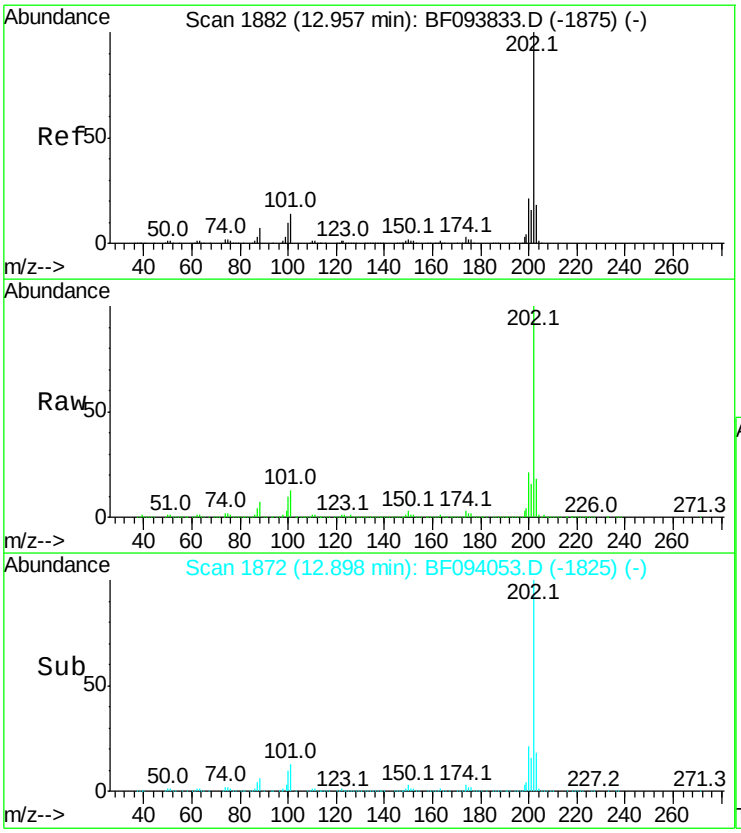
#72
Carbazole
Concen: 5.51 ng
RT: 11.69 min Scan# 1666
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 135703

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	12.4	11.7	17.5

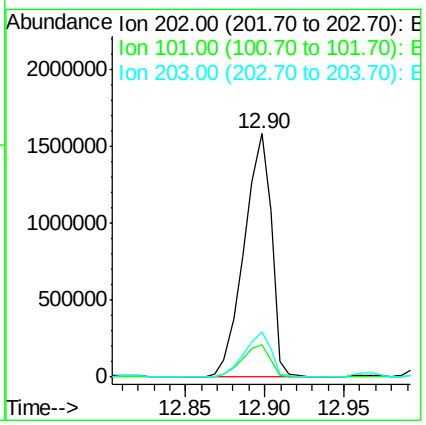


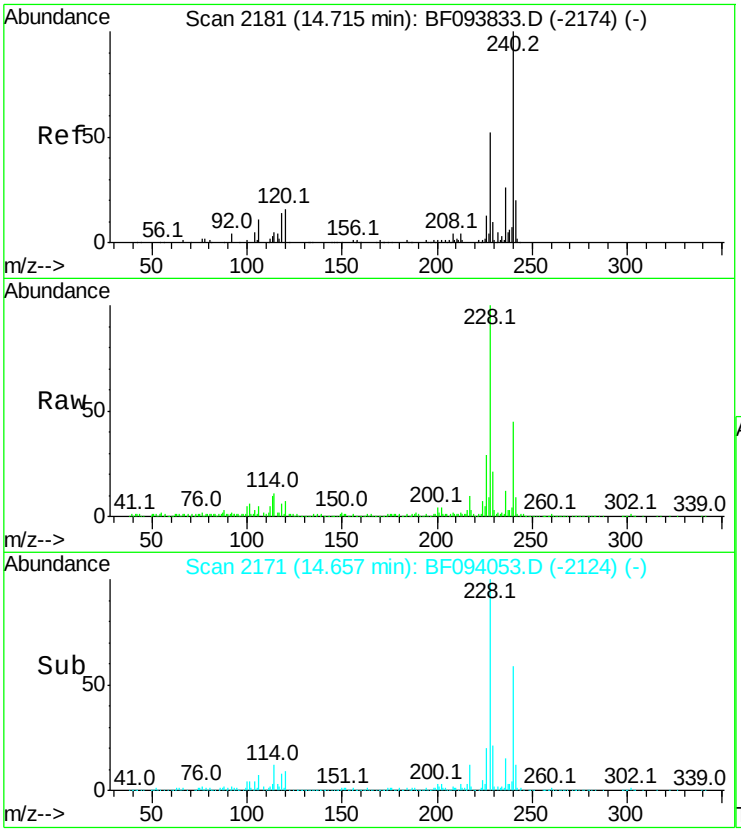


#74
Fluoranthene
Concen: 79.32 ng
RT: 12.90 min Scan# 1872
Delta R.T. -0.02 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:202 Resp: 1895675

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	18.4	0.0	38.1



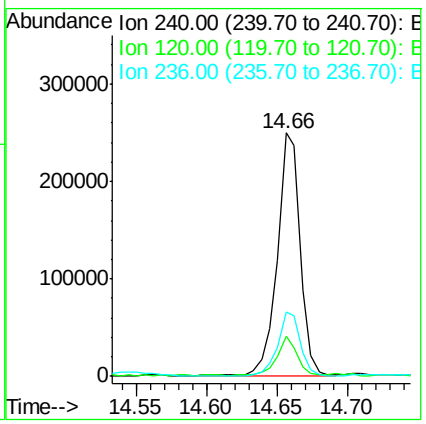


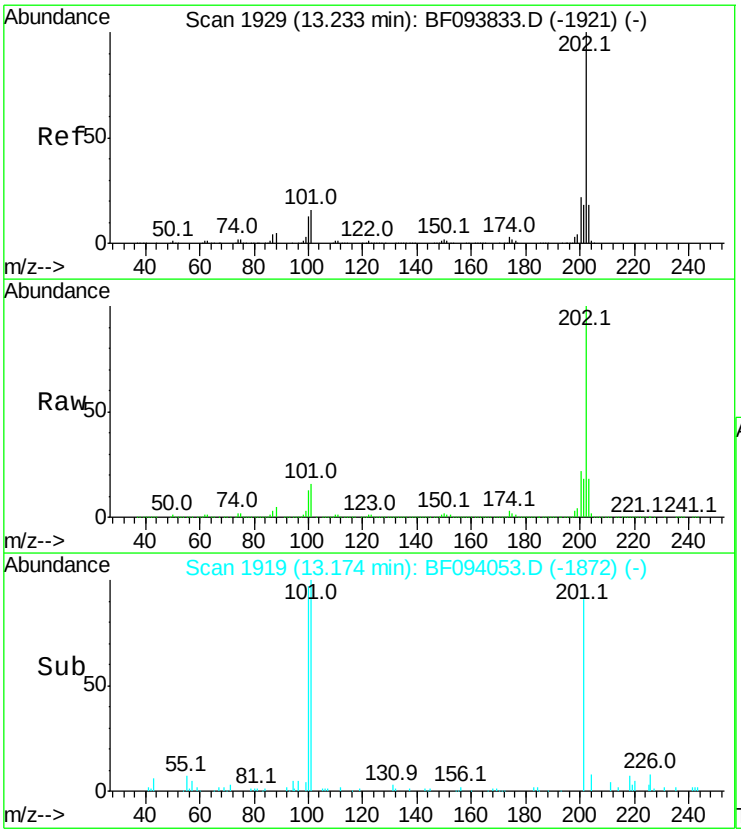
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 280462

Ion	Ratio	Lower	Upper
240	100		
120	16.3	5.8	8.8#
236	26.3	20.5	30.7

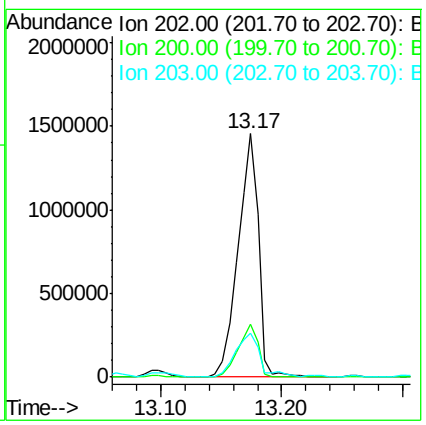


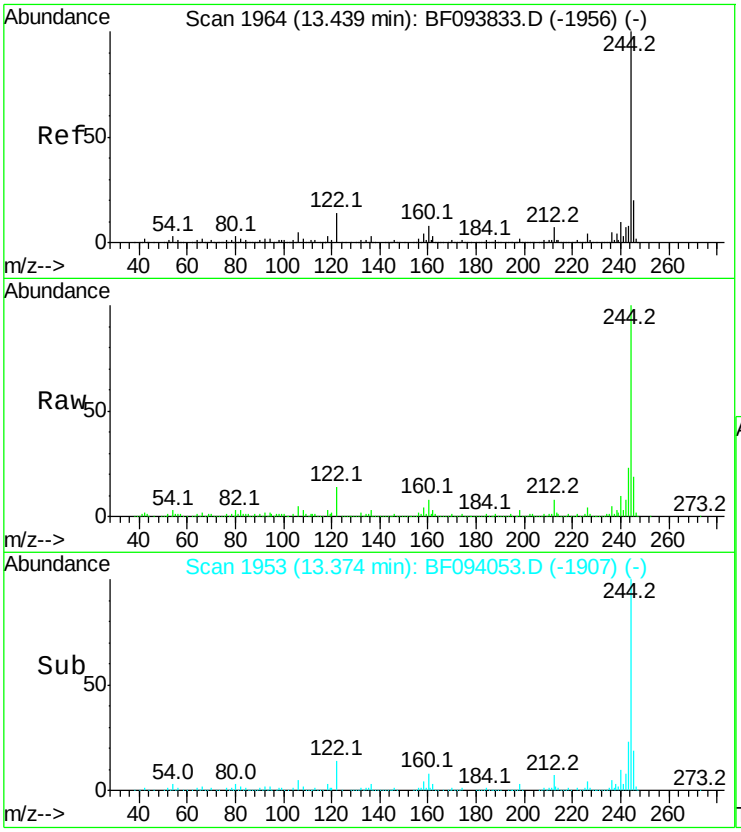


#77
Pyrene
Concen: 83.16 ng
RT: 13.17 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:202 Resp: 1692625

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.9	14.4	21.6



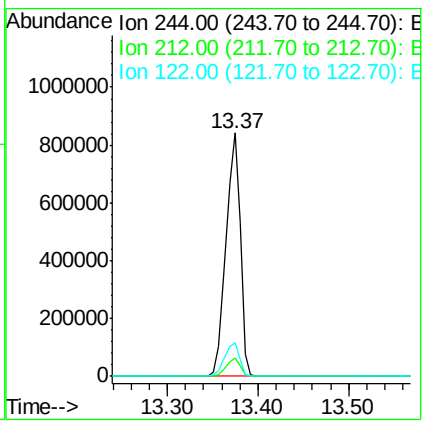


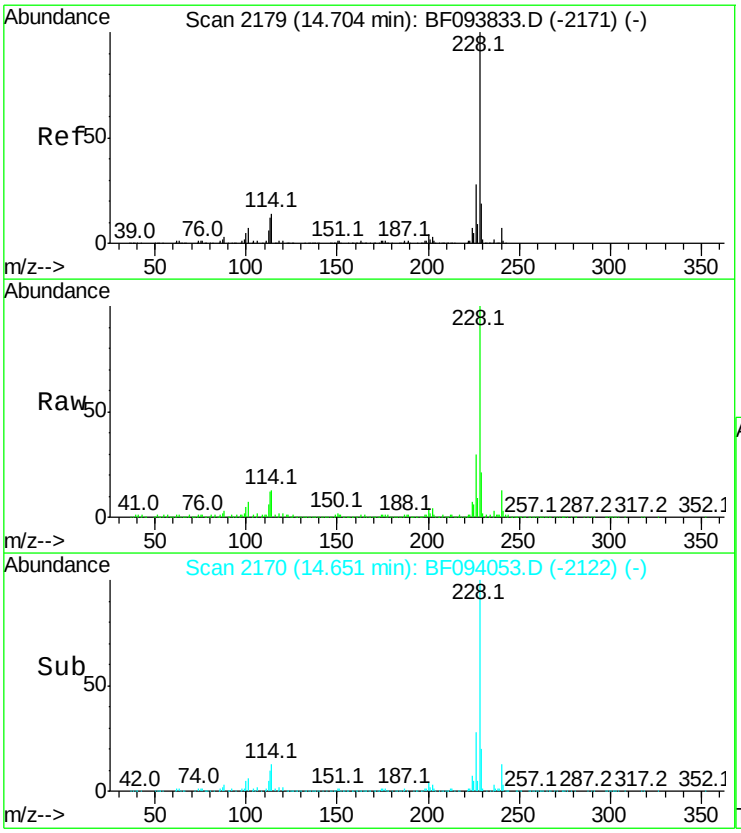
#78
Terphenyl-d14
Concen: 73.55 ng
RT: 13.37 min Scan# 1953
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 920241

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.0	10.3	15.5

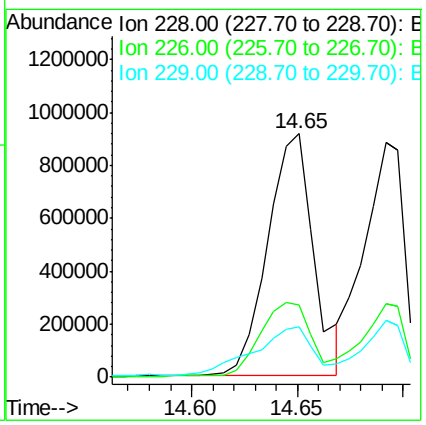


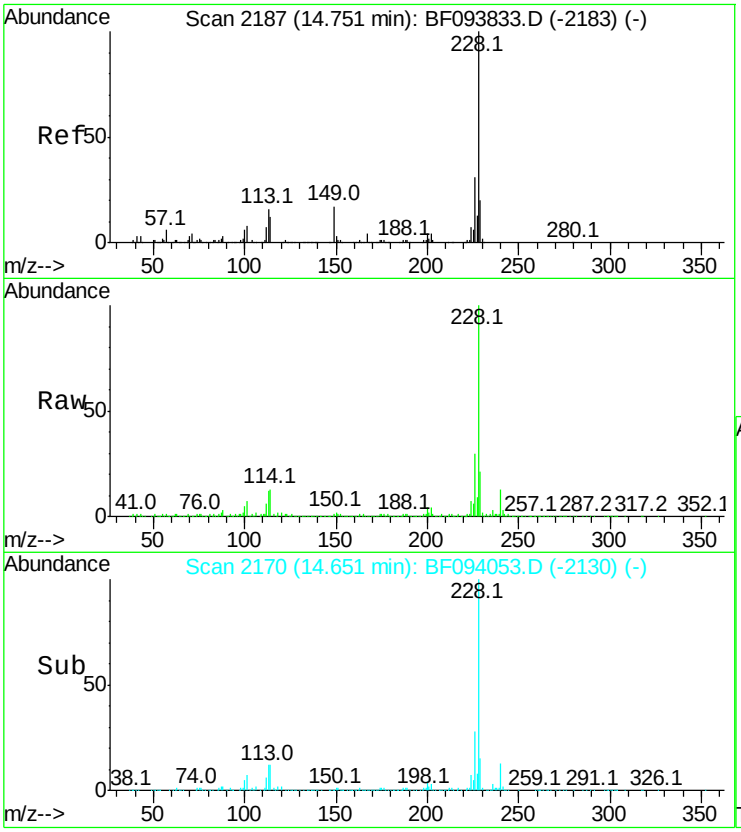


#80
Benzo(a)anthracene
Concen: 84.23 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:228 Resp: 1377530

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.7	16.3	24.5



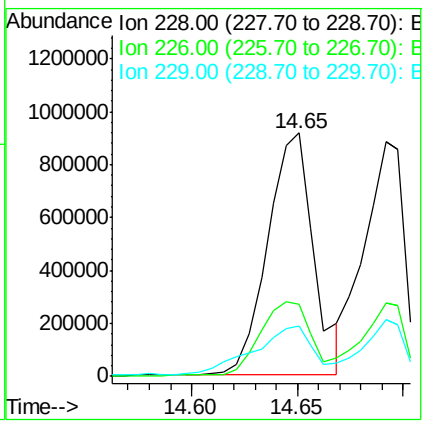


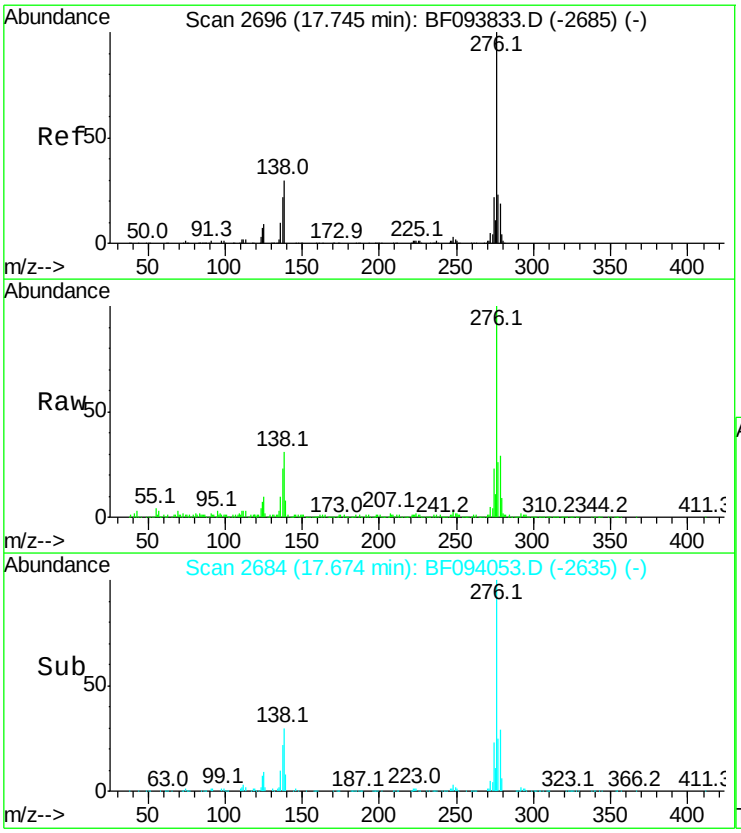
#82
Chrysene
Concen: 90.76 ng
RT: 14.65 min Scan# 2170
Delta R.T. -0.06 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1377530

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	20.7	15.8	23.6

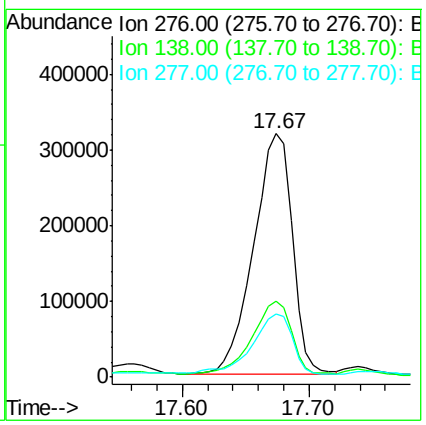


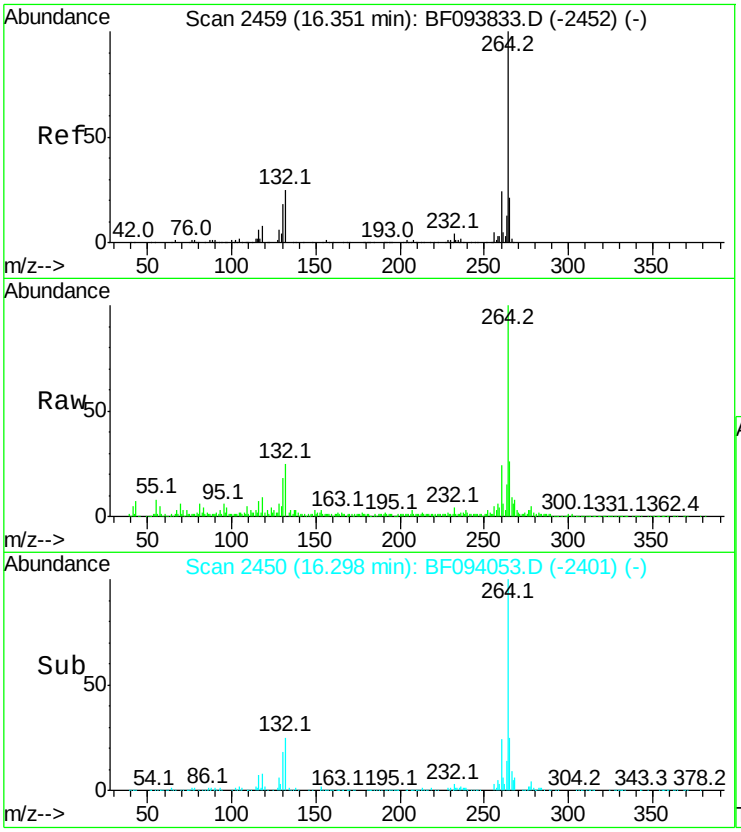


#85
Indeno(1,2,3-cd)pyrene
Concen: 51.23 ng
RT: 17.67 min Scan# 2684
Delta R.T. -0.01 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:276 Resp: 673438

Ion	Ratio	Lower	Upper
276	100		
138	30.4	27.8	41.6
277	26.7	20.2	30.4



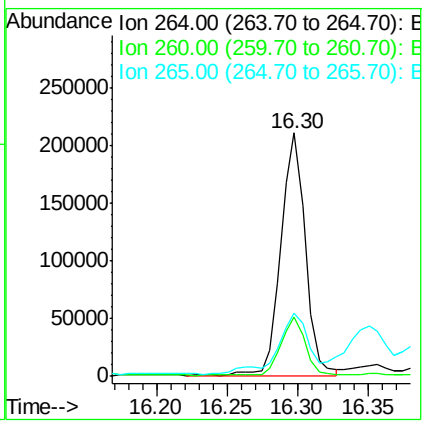


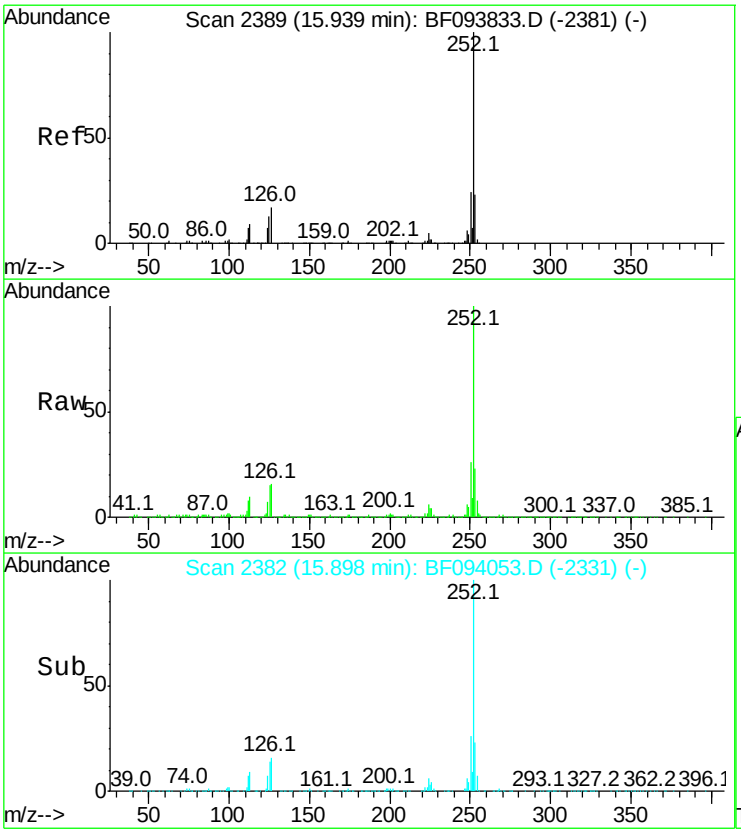
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.30 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 252710

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	25.8	17.2	25.8

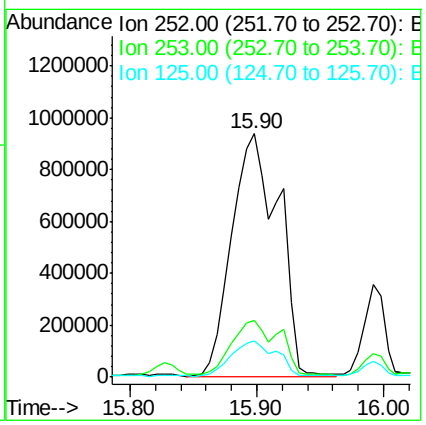


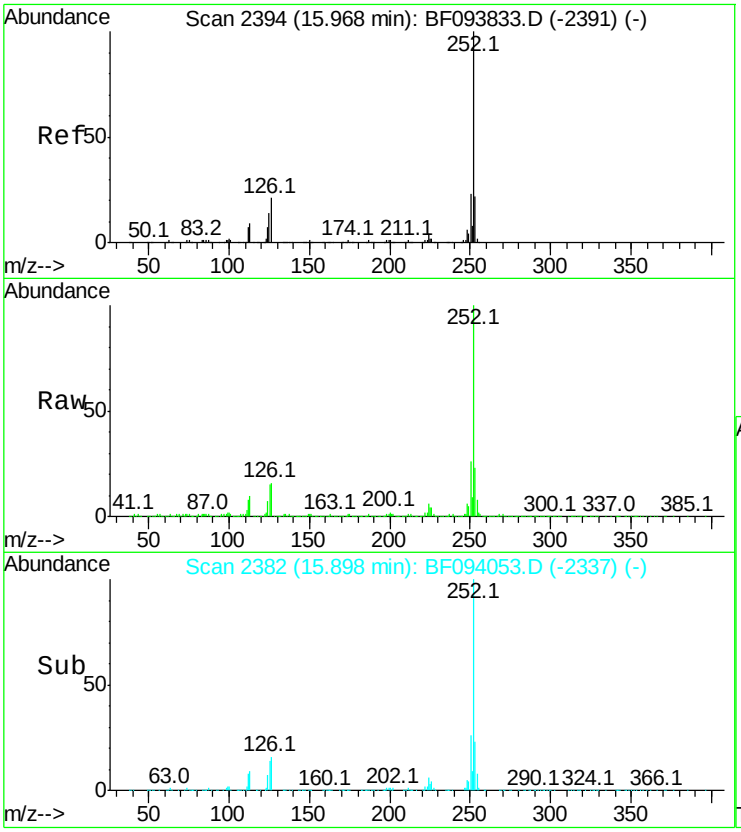


#87
Benzo(b)fluoranthene
Concen: 153.97 ng
RT: 15.90 min Scan# 2382
Delta R.T. 0.00 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:252 Resp: 2385019

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	14.8	9.8	14.8#



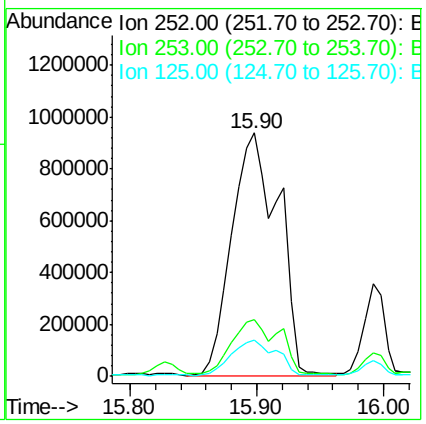


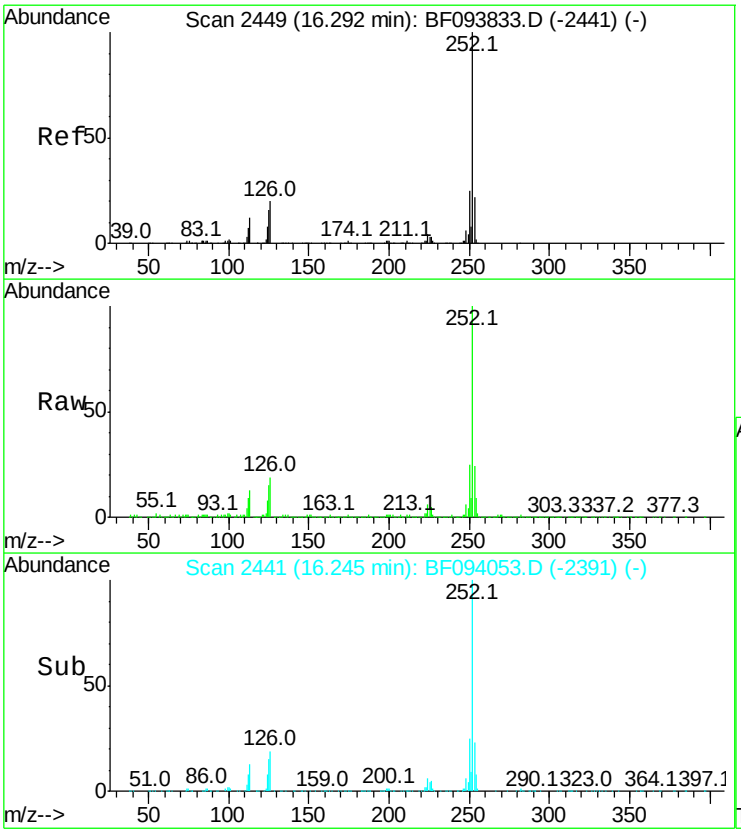
#88
Benzo(k)fluoranthene
Concen: 157.36 ng
RT: 15.90 min Scan# 2382
Delta R.T. -0.04 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 2385019

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	14.8	13.1	19.7

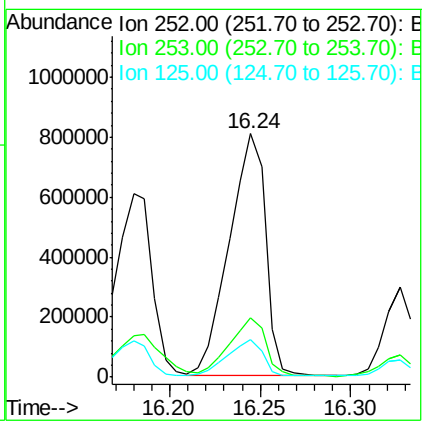


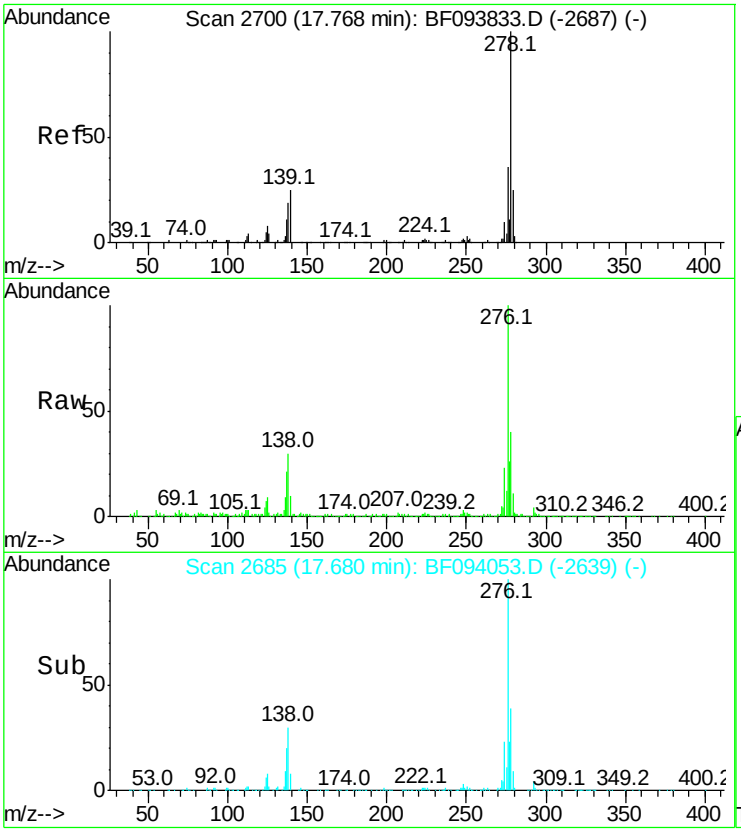


#89
Benzo(a)pyrene
Concen: 78.78 ng
RT: 16.24 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:252 Resp: 1123801

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	15.2	11.0	16.4



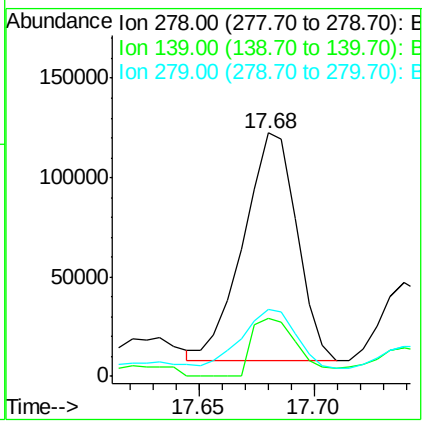


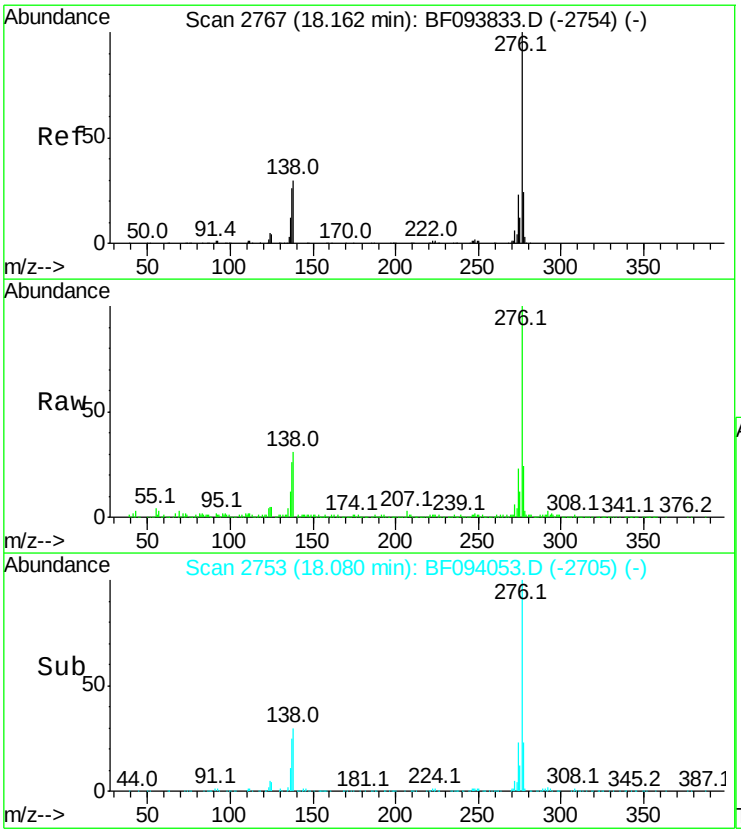
#90
Dibenzo(a,h)anthracene
Concen: 15.37 ng
RT: 17.68 min Scan# 2685
Delta R.T. -0.03 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 185647

Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	27.7	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 47.67 ng
RT: 18.08 min Scan# 2753
Delta R.T. -0.02 min
Lab File: BF094053.D
Acq: 30 Mar 2017 9:02

Tgt Ion:276 Resp: 580380

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.6	28.0
138	30.8	25.4	38.0