Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094748.D
Acq On : 1 May 2017 13:47
Operator : SJ/MA
Sample : I2902-04 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 02 01:36:57 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	107429	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	400182	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	186292	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	322961	20.00	ng		0.00
75) Chrysene-d12	14.47	240	262112	20.00	ng		0.00
86) Perylene-d12	16.09	264	191050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.33	112	37573	5.80	ng		0.03
7) Phenol-d6	5.40	99	31223	4.09	ng		0.00
23) Nitrobenzene-d5	6.41	82	74850	11.55	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	20336	13.96	ng		0.00
44) 2-Fluorobiphenyl	8.57	172	159585	12.60	ng		-0.01
78) Terphenyl-d14	13.18	244	129506	13.21	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	7.28	128	1047552	54.45	ng		100
33) 4-Chloroaniline	7.28	127	141065	17.63	ng	#	33
35) Caprolactam	7.78	113	9649	5.54	ng	#	91
37) 2-Methylnaphthalene	8.12	142	145343	11.04	ng		98
45) 1,1'-Biphenyl	8.69	154	57102	3.75	ng		95
48) Acenaphthylene	9.21	152	467128	24.76	ng		100
49) Dimethylphthalate	9.08	163	50138	3.61	ng		96
51) Acenaphthene	9.42	154	48500	4.29	ng		95
57) Fluorene	10.07	166	101162	7.91	ng		99
70) Phenanthrene	11.24	178	355468	19.55	ng		97
71) Anthracene	11.31	178	83471	4.44	ng		98
74) Fluoranthene	12.70	202	143683	7.62	ng		99
77) Pyrene	12.98	202	183576	10.02	ng		97
82) Chrysene	14.49	228	29073	2.09	ng		98
87) Benzo(b)fluoranthene	15.69	252	26183	2.24	ng	#	96
88) Benzo(k)fluoranthene	15.69	252	26183	2.37	ng		99
89) Benzo(a)pyrene	16.04	252	23029	2.12	ng	#	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
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Acq On : 1 May 2017 13:47
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 02 01:36:57 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
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QLast Update : Mon Apr 17 14:59:23 2017
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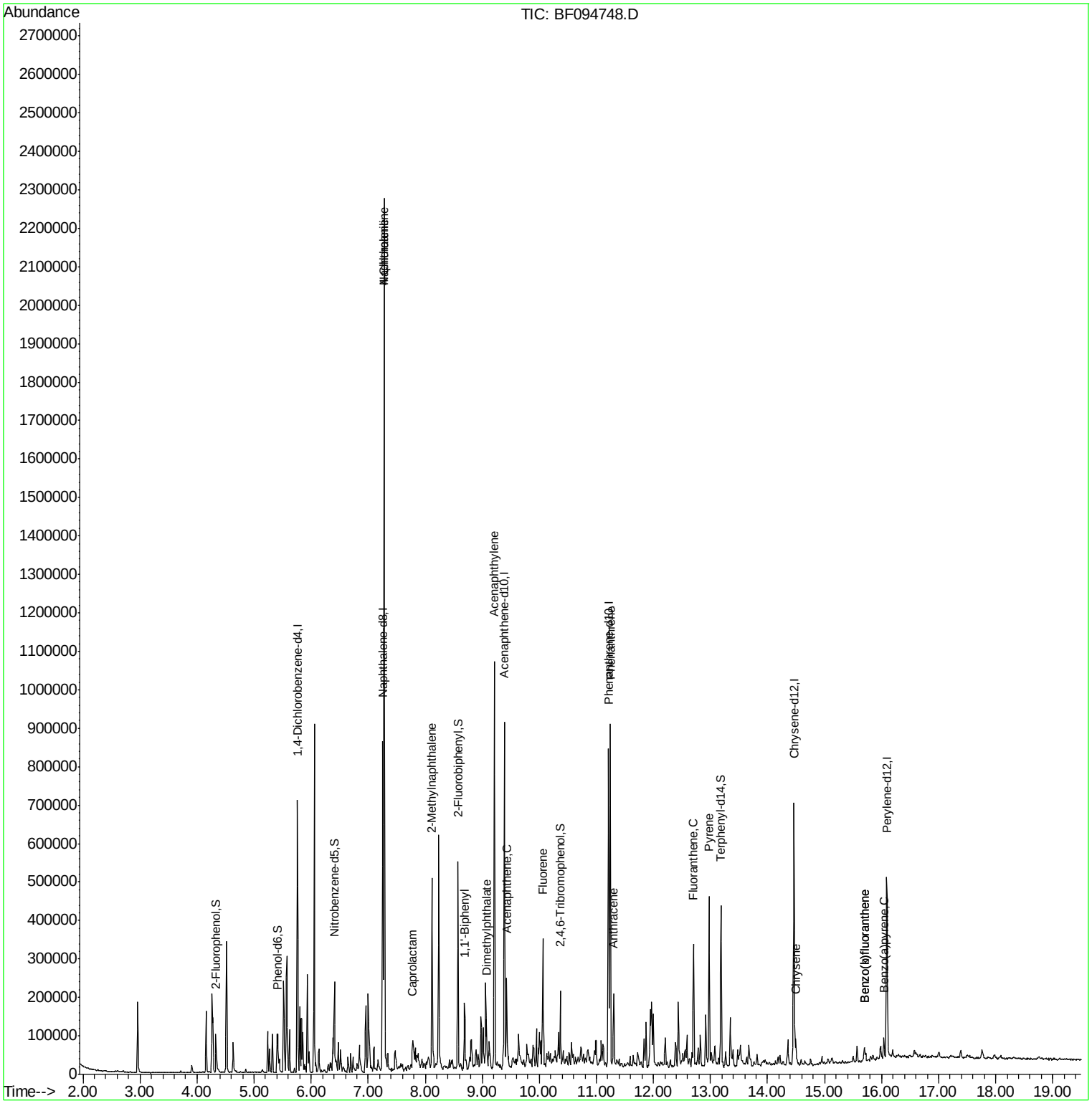
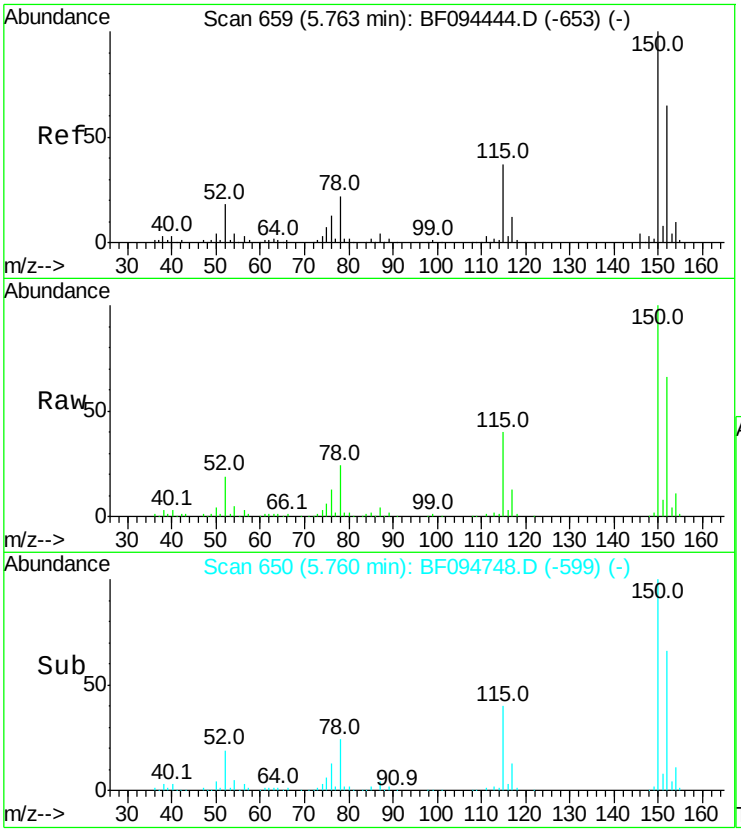


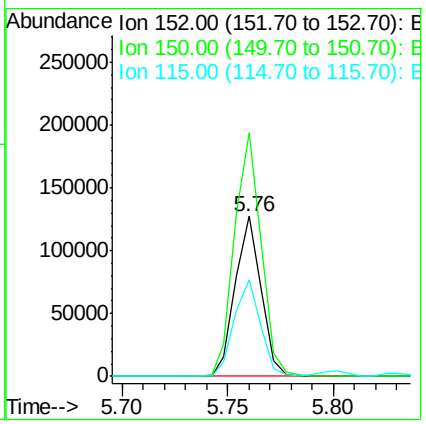


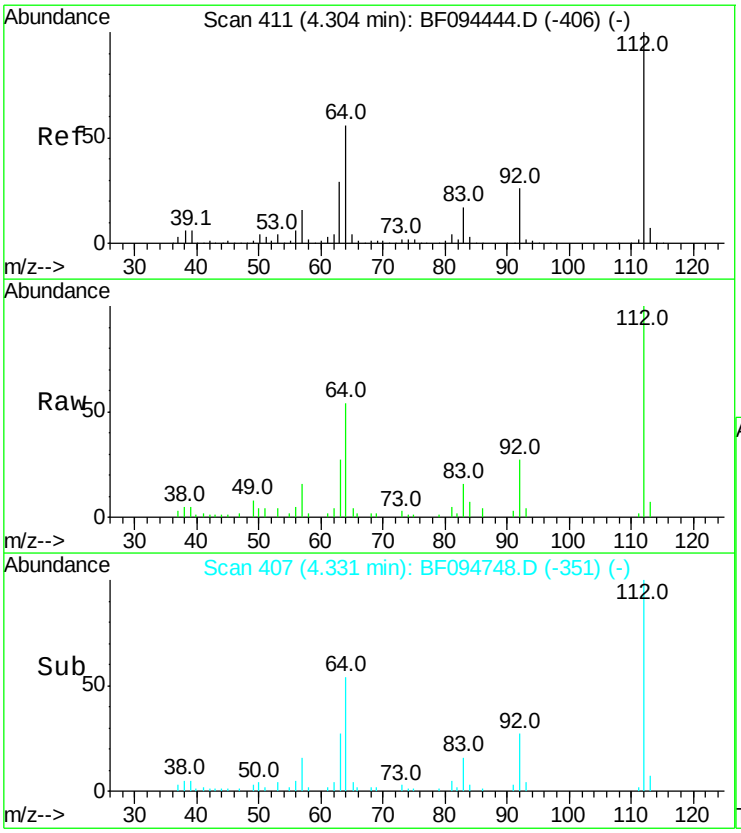
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 107429

Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	60.3	52.2	78.2

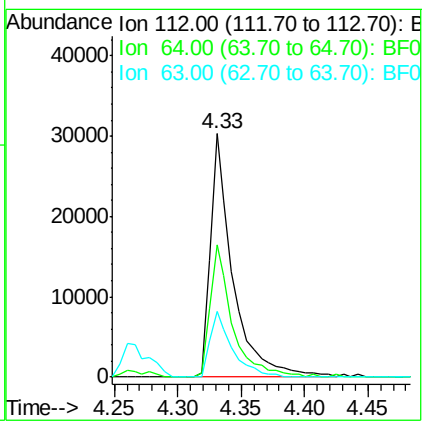


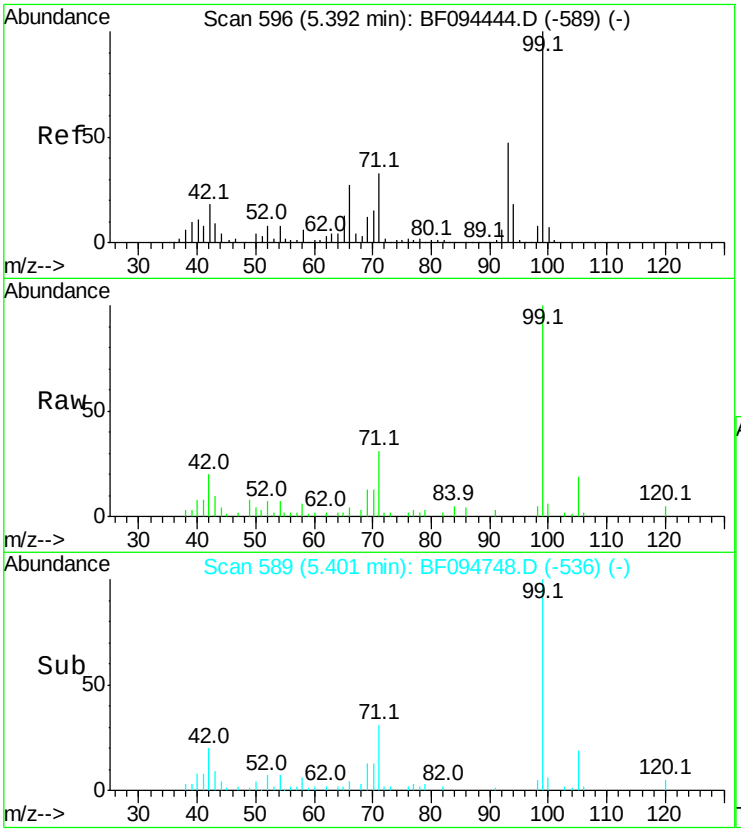


#5
2-Fluorophenol
Concen: 5.80 ng
RT: 4.33 min Scan# 407
Delta R.T. 0.03 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:112 Resp: 37573

Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	27.2	23.4	35.0



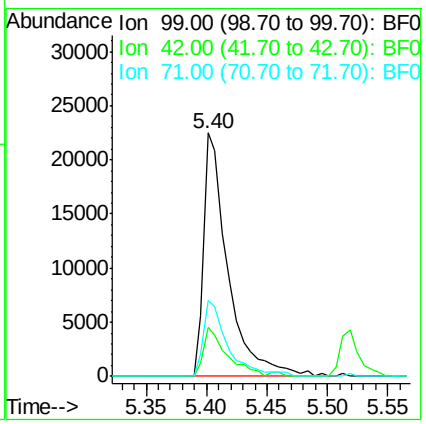


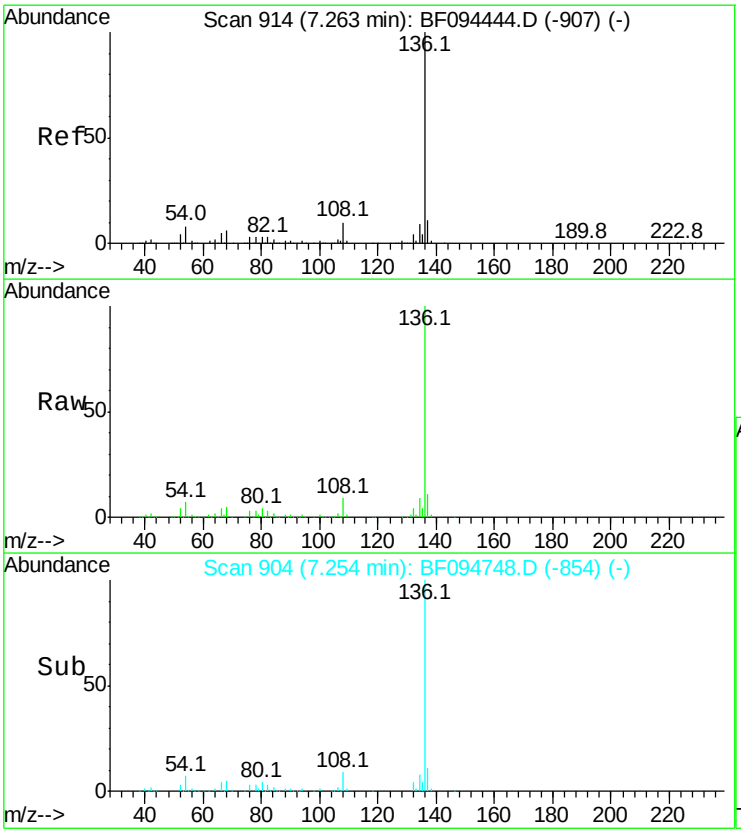
#7
Phenol-d6
Concen: 4.09 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 31223

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.5	20.3#
71	31.0	24.5	36.7

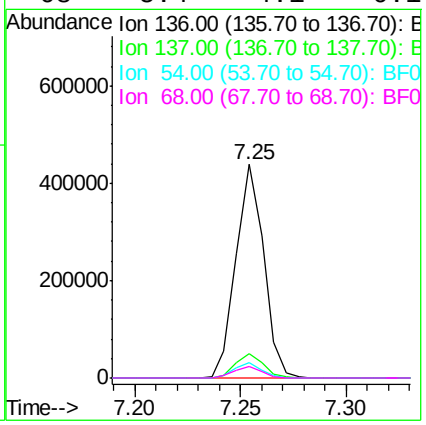


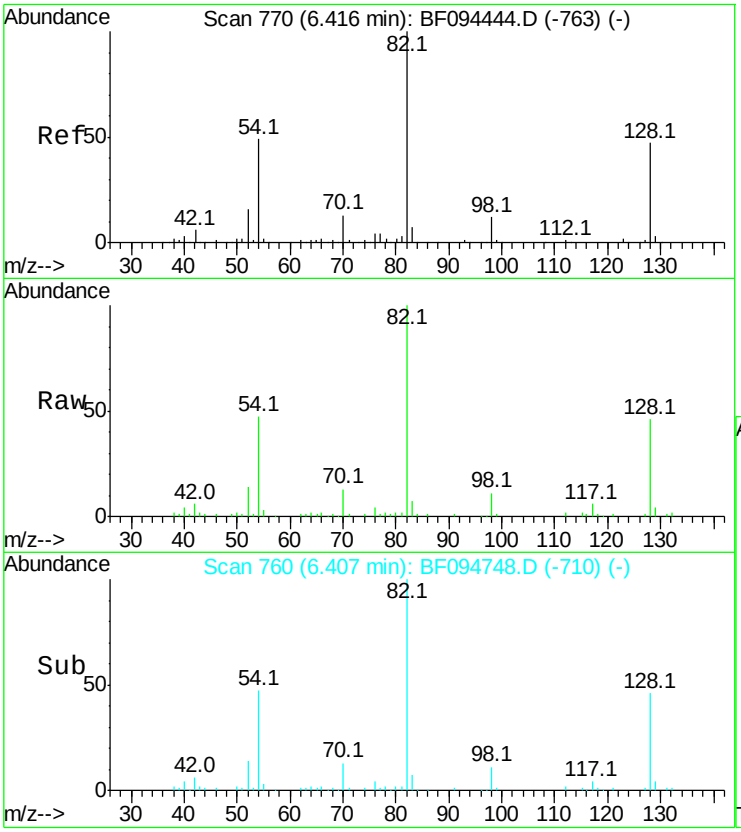


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:136 Resp: 400182

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.1	4.9	7.3
68	5.4	4.1	6.1



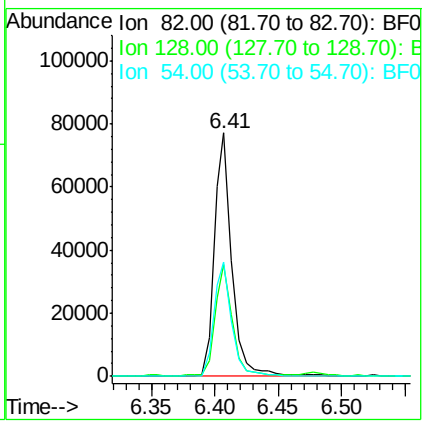


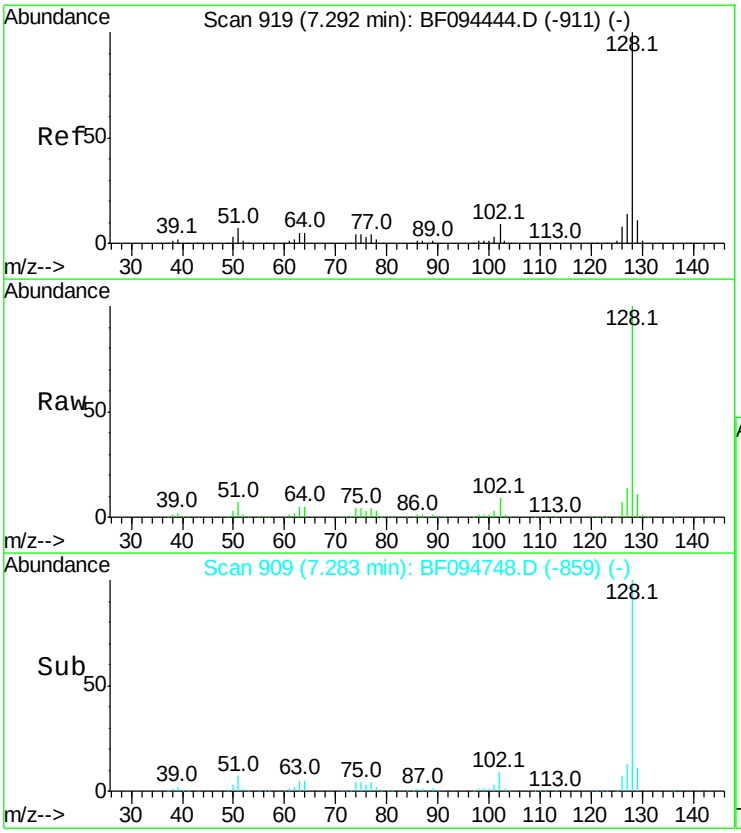
#23
Nitrobenzene-d5
Concen: 11.55 ng
RT: 6.41 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 74850

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	47.2	42.2	63.2

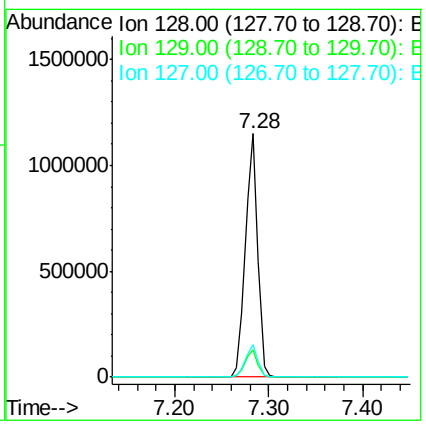


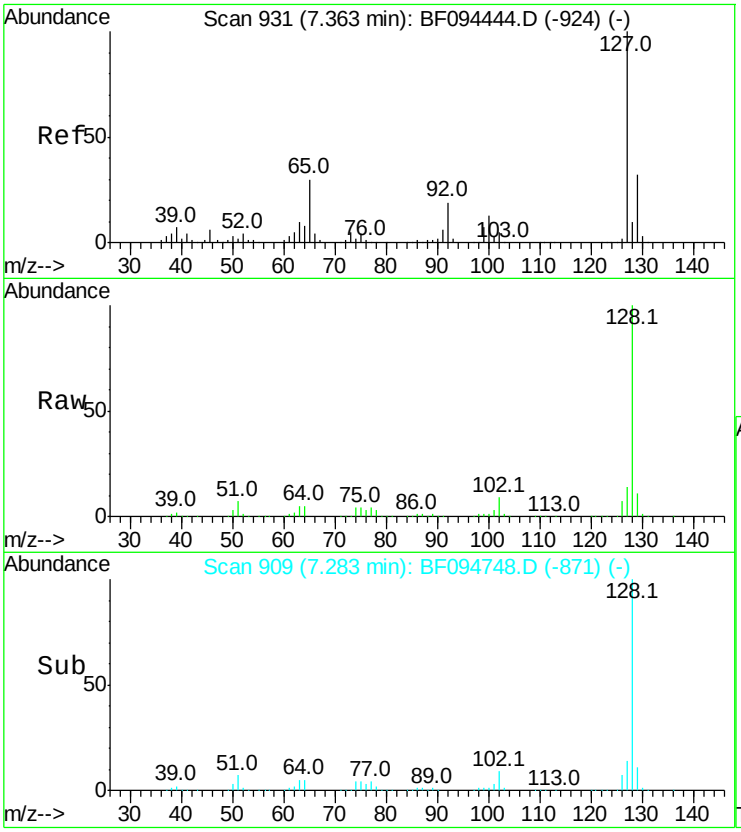


#31
Naphthalene
Concen: 54.45 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:128 Resp: 1047552

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2



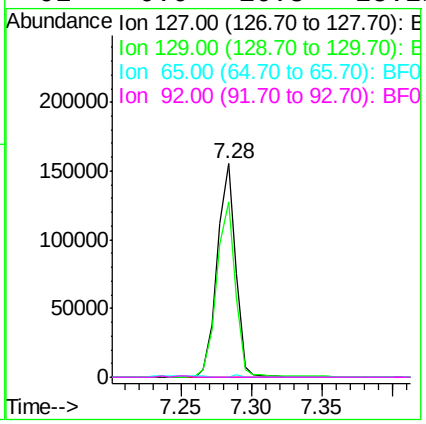


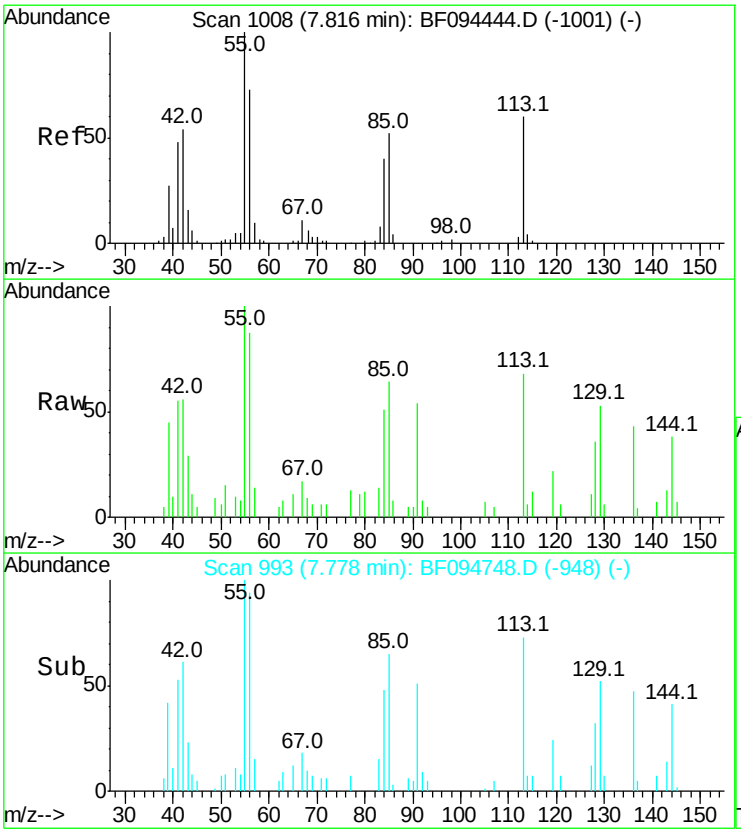
#33
4-Chloroaniline
Concen: 17.63 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.08 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 141065

Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

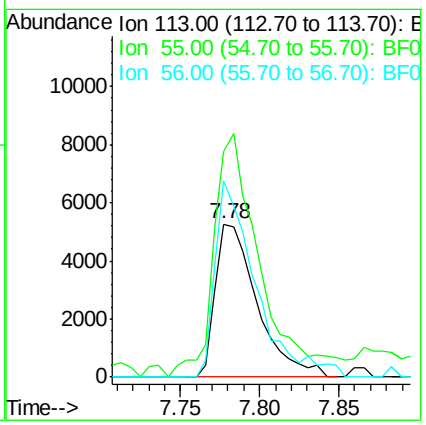


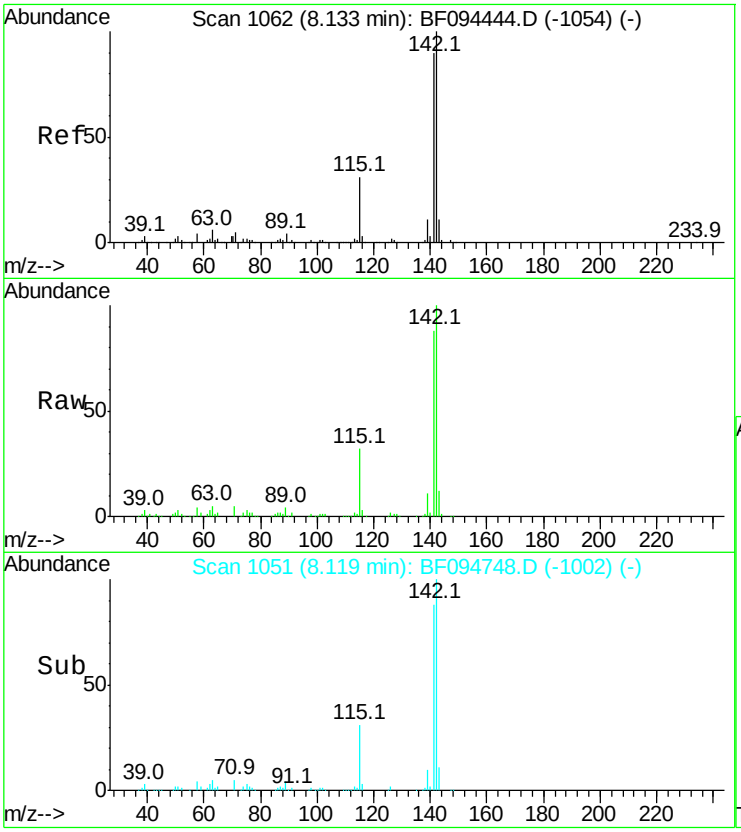


#35
Caprolactam
Concen: 5.54 ng
RT: 7.78 min Scan# 993
Delta R.T. -0.04 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:113 Resp: 9649

Ion	Ratio	Lower	Upper
113	100		
55	147.8	150.2	190.2#
56	128.0	107.8	147.8



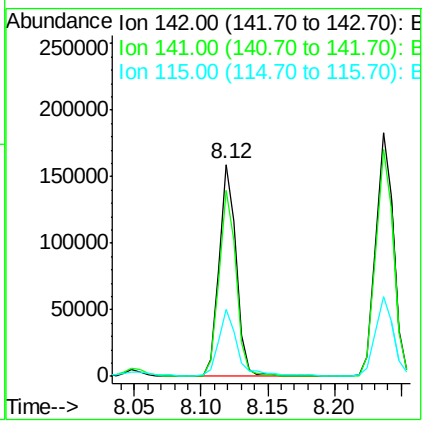


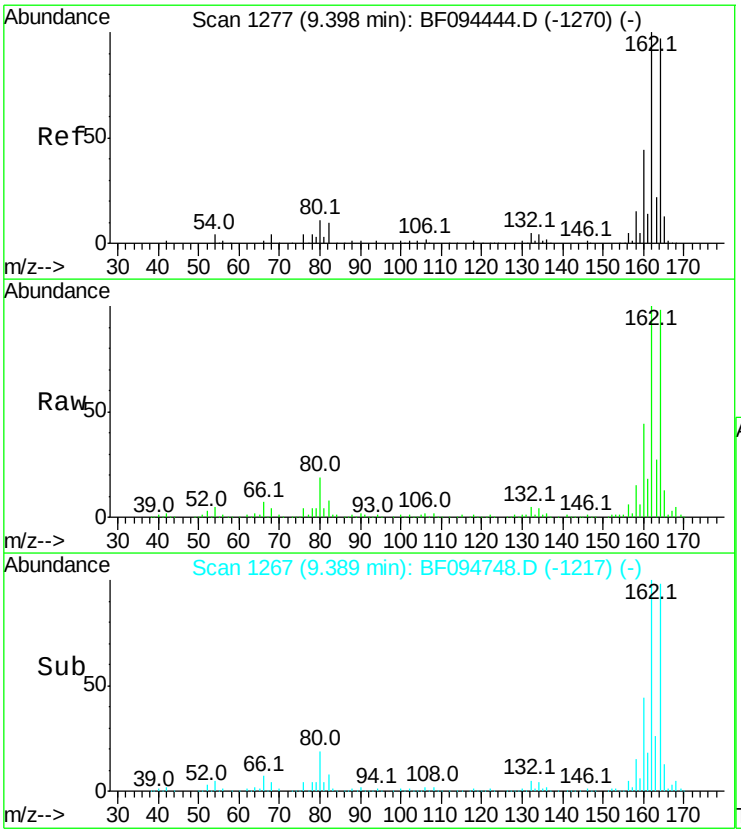
#37
2-Methylnaphthalene
Concen: 11.04 ng
RT: 8.12 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 145343

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9
115	31.7	27.1	40.7

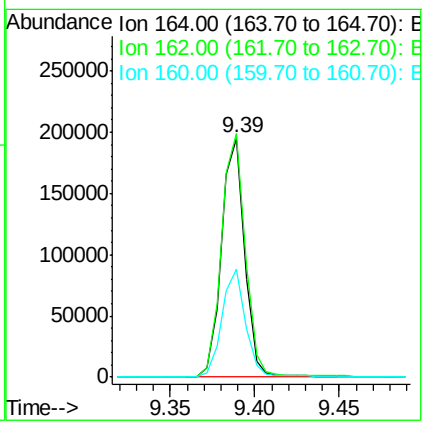


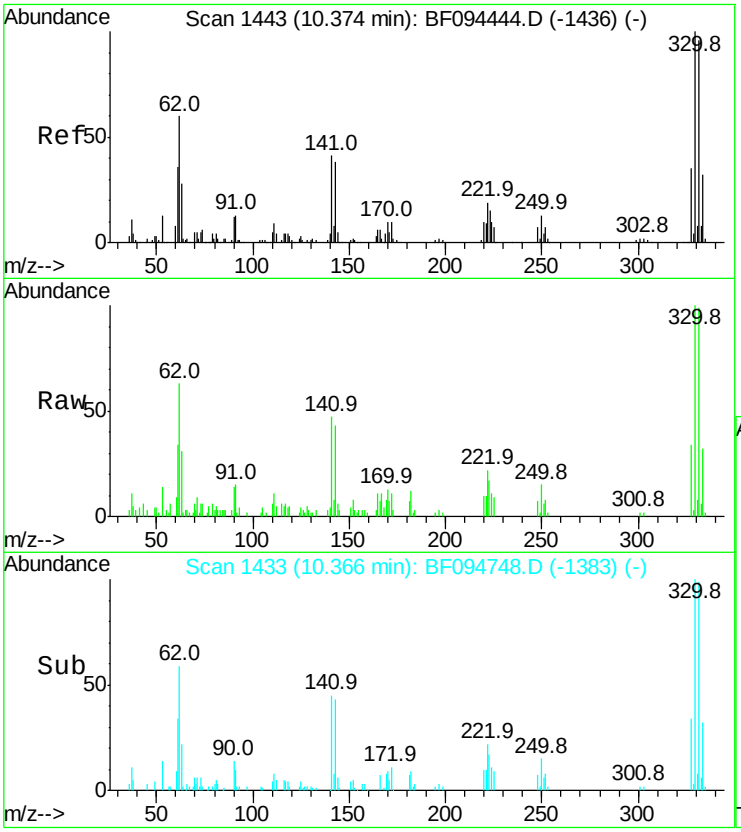


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:164 Resp: 186292

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	45.1	36.2	54.2



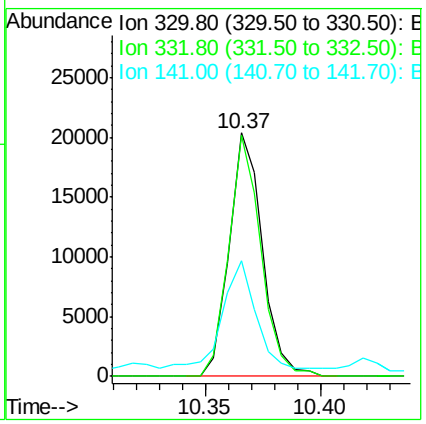


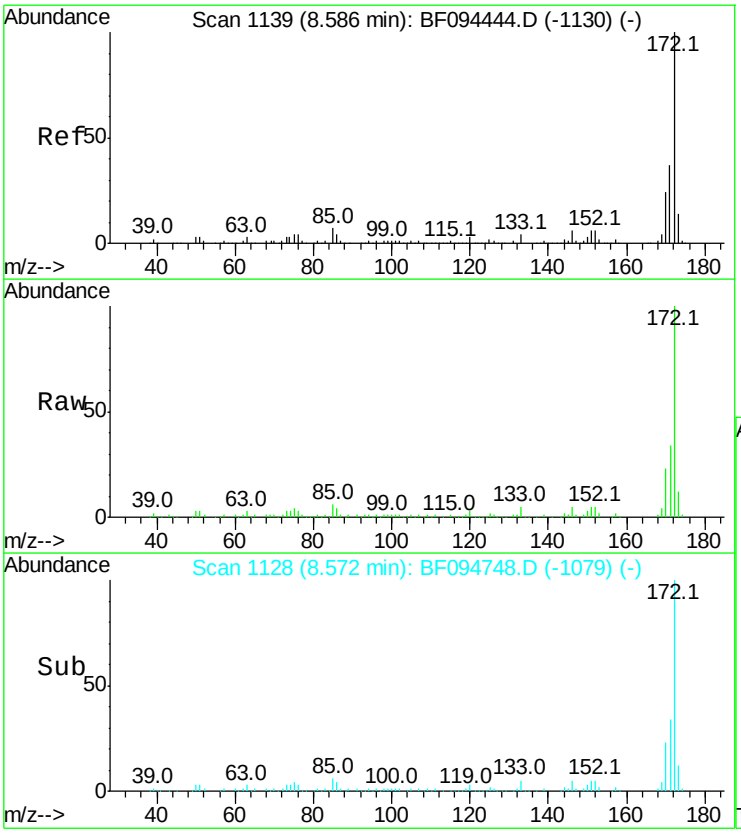
#41
2,4,6-Tribromophenol
Concen: 13.96 ng
RT: 10.37 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 20336

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	46.5	31.4	47.2

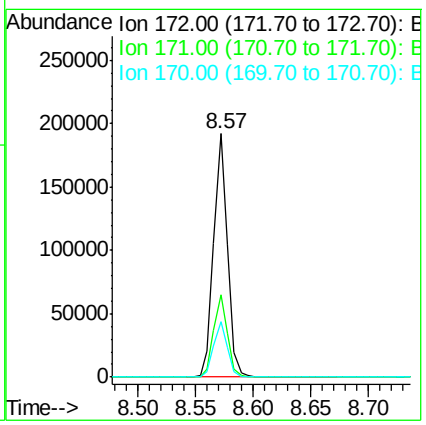


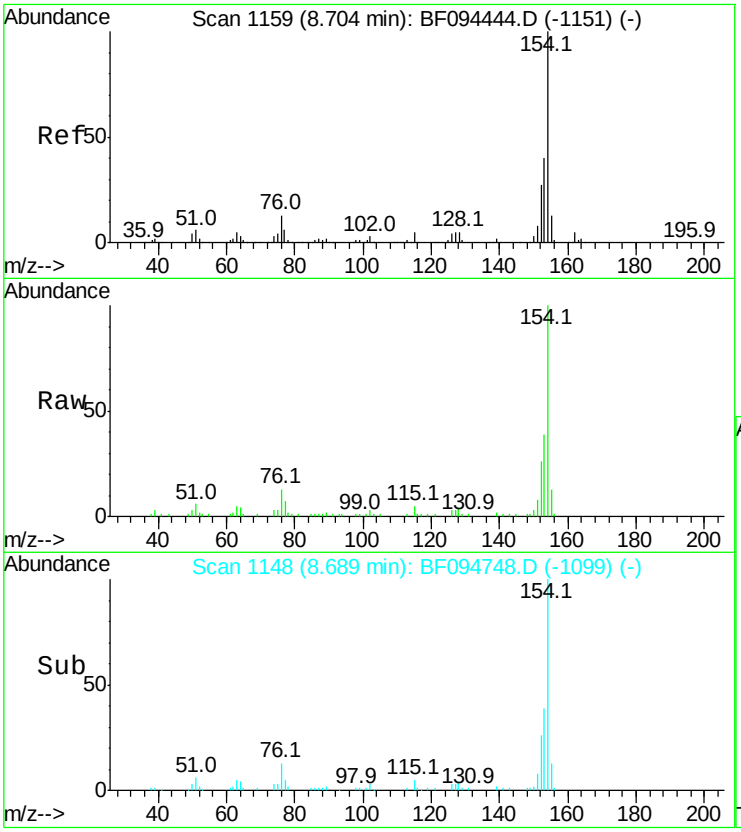


#44
2-Fluorobiphenyl
Concen: 12.60 ng
RT: 8.57 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:172 Resp: 159585

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	22.7	19.8	29.8



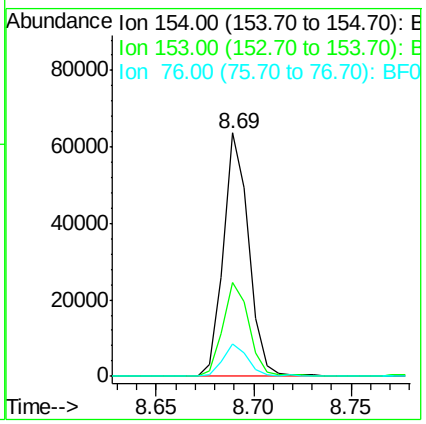


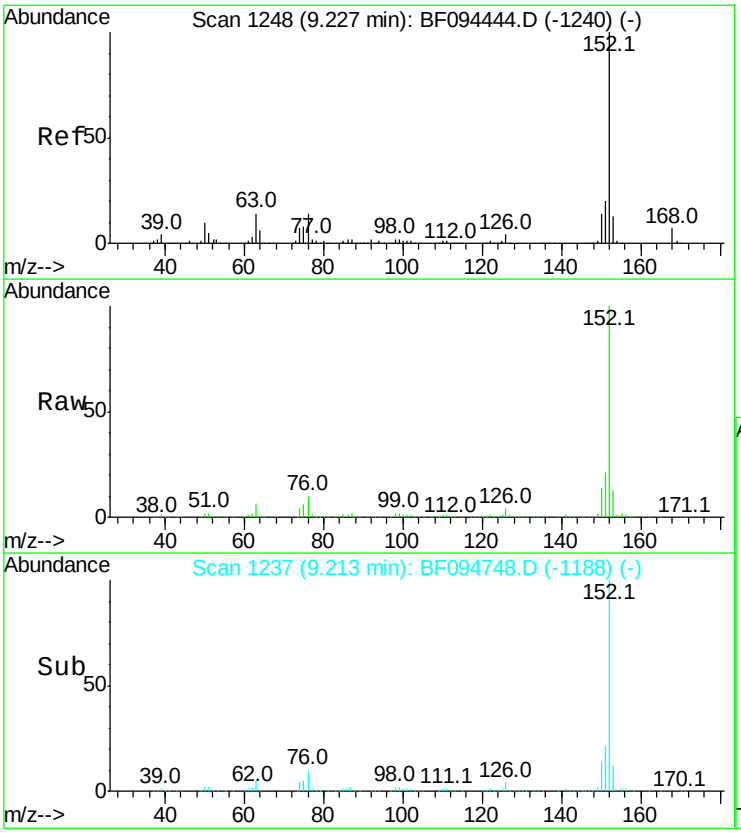
#45
1,1'-Biphenyl
Concen: 3.75 ng
RT: 8.69 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 57102

Ion	Ratio	Lower	Upper
154	100		
153	38.8	21.2	61.2
76	13.3	0.0	29.9

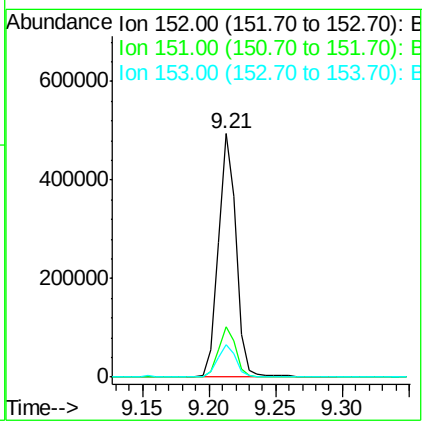


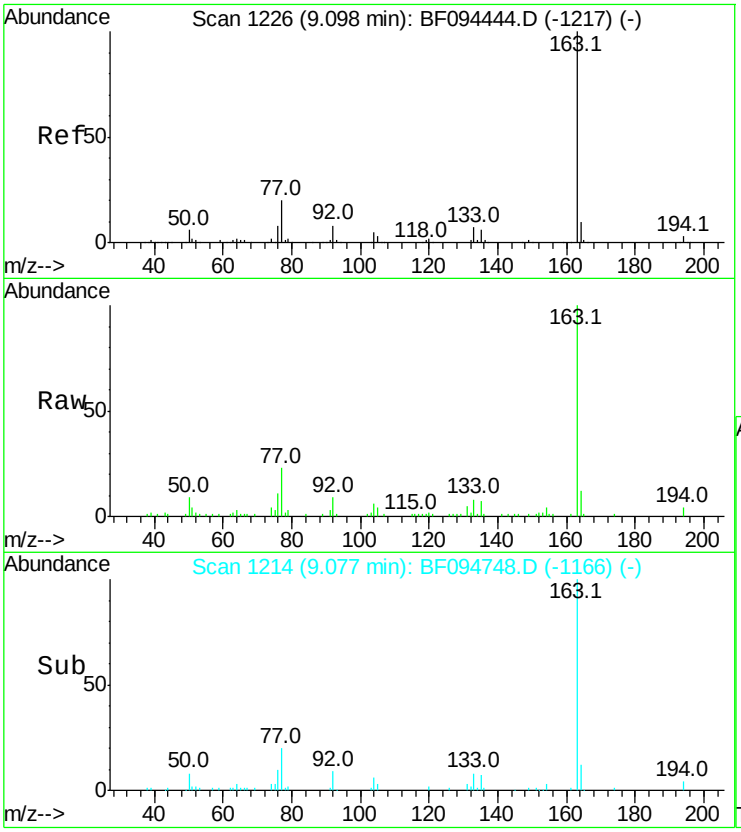


#48
Acenaphthylene
Concen: 24.76 ng
RT: 9.21 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:152 Resp: 467128

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.5	10.8	16.2



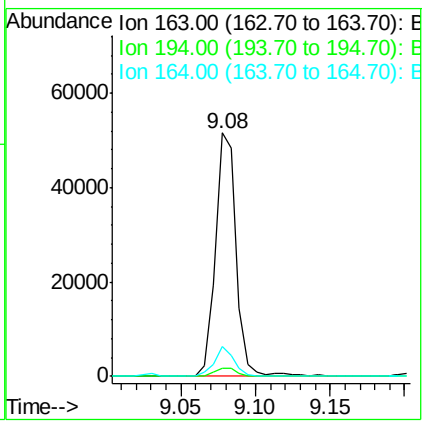


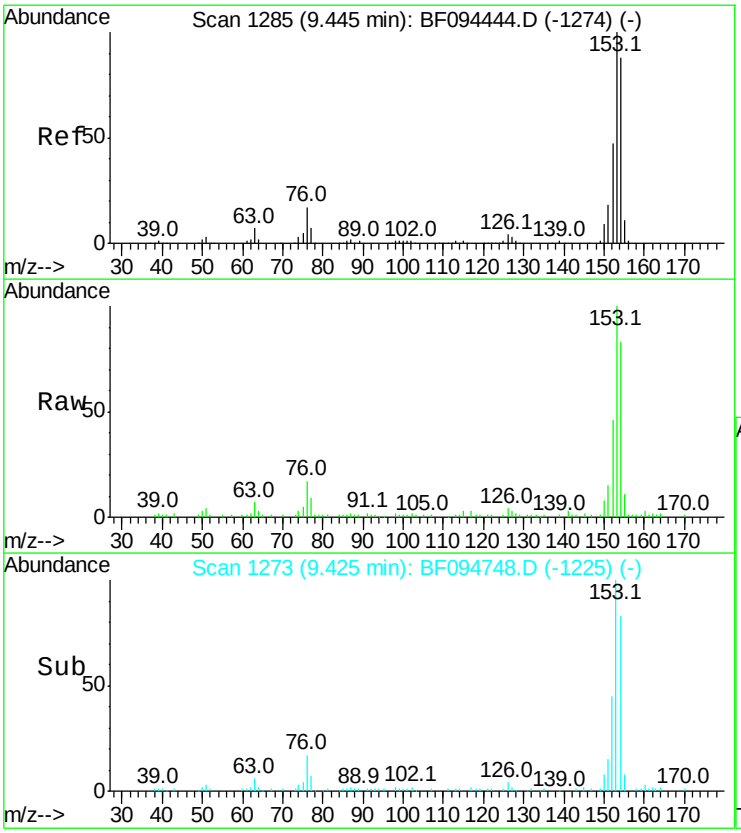
#49
Dimethylphthalate
Concen: 3.61 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 50138

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	12.5	8.4	12.6

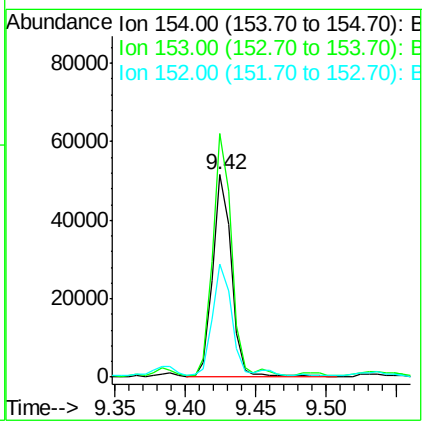


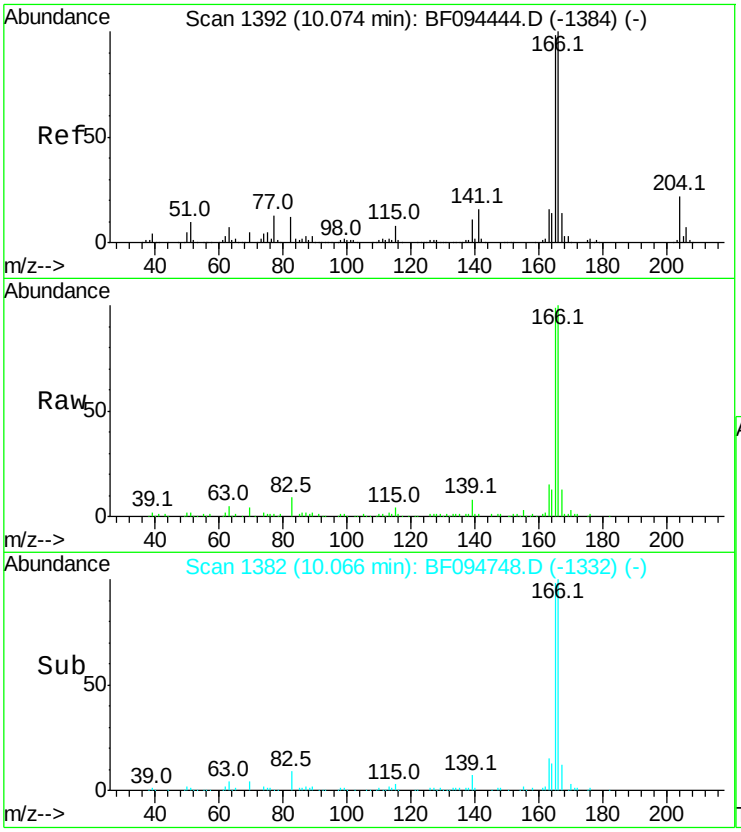


#51
Acenaphthene
Concen: 4.29 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:154 Resp: 48500

Ion	Ratio	Lower	Upper
154	100		
153	120.3	90.5	135.7
152	55.6	43.6	65.4



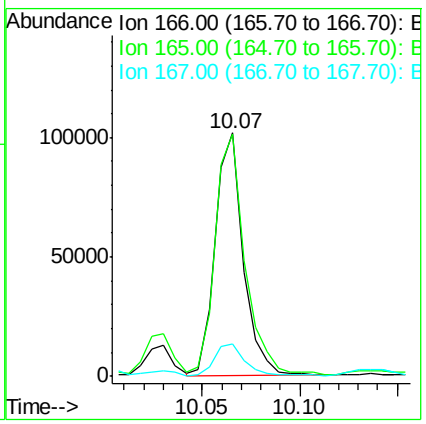


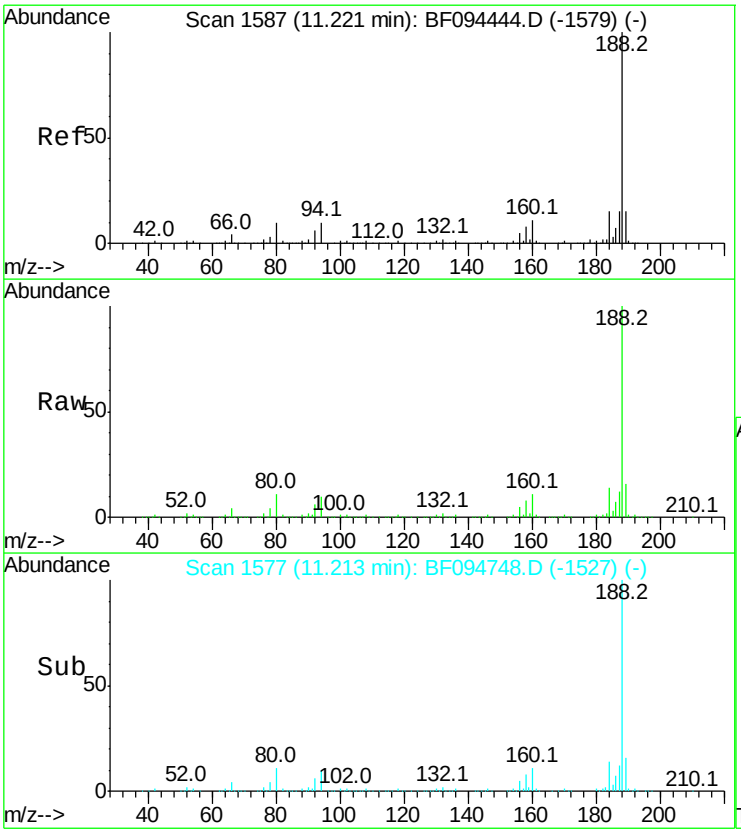
#57
Fluorene
Concen: 7.91 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 101162

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.8	118.2
167	13.4	10.6	16.0

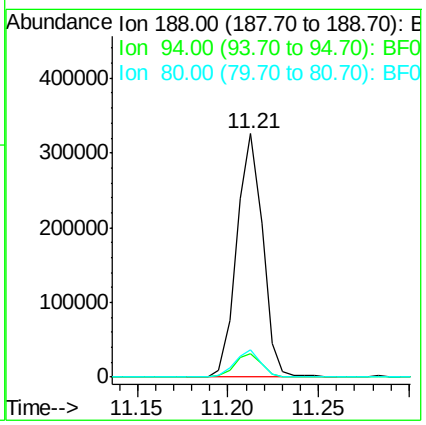


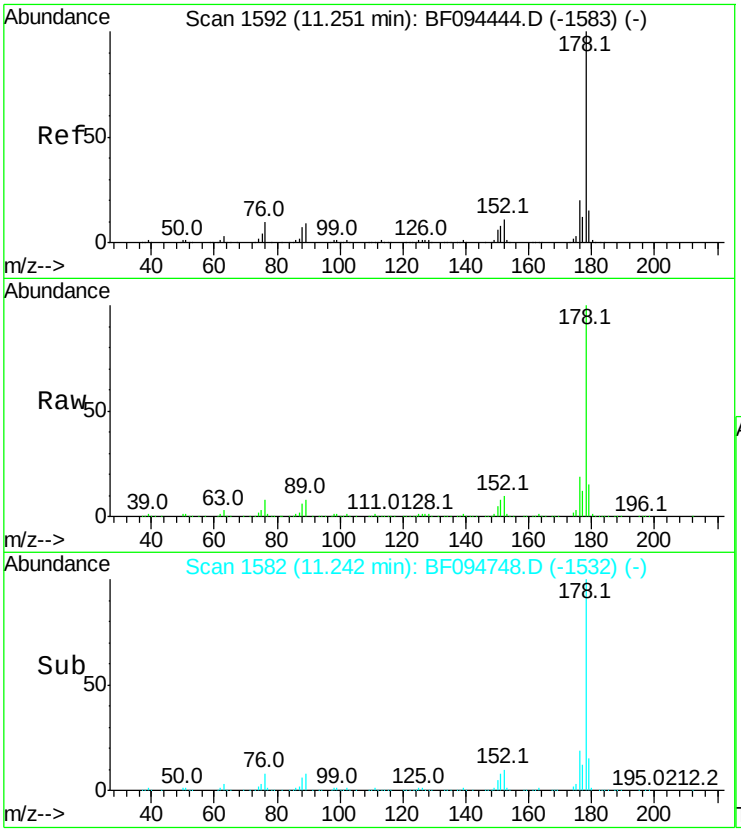


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:188 Resp: 322961

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.0	10.2	15.2



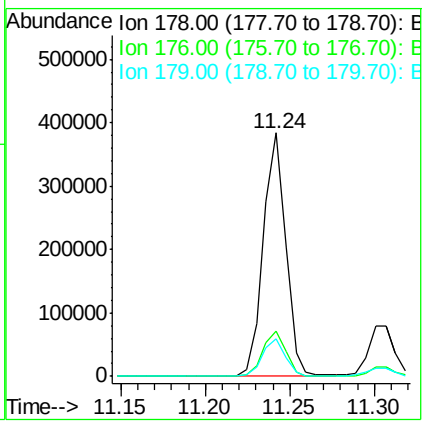


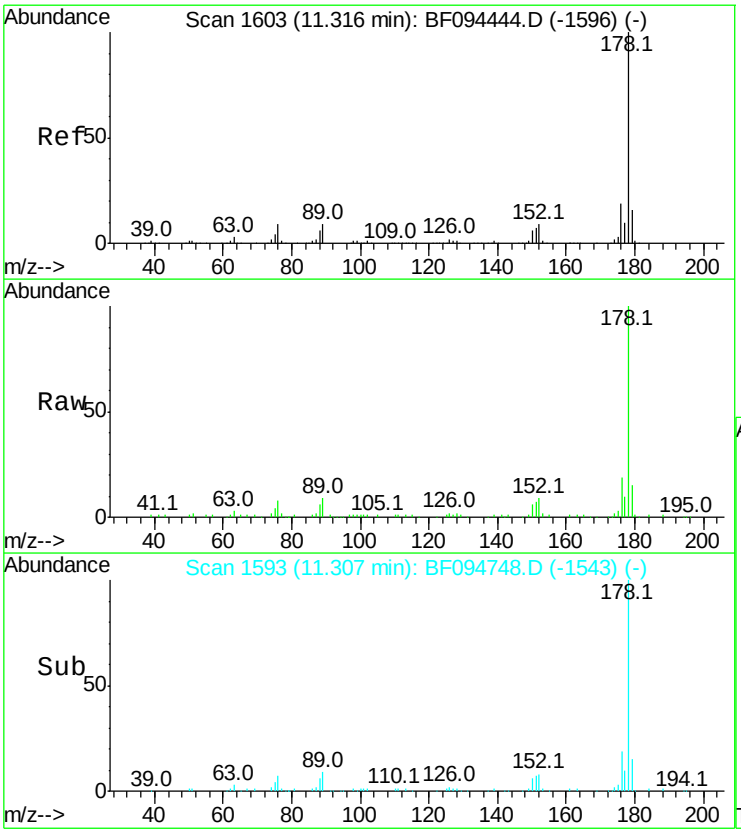
#70
Phenanthrene
Concen: 19.55 ng
RT: 11.24 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 355468

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	15.2	12.6	19.0

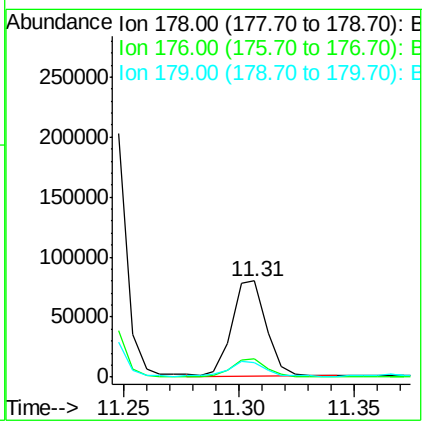


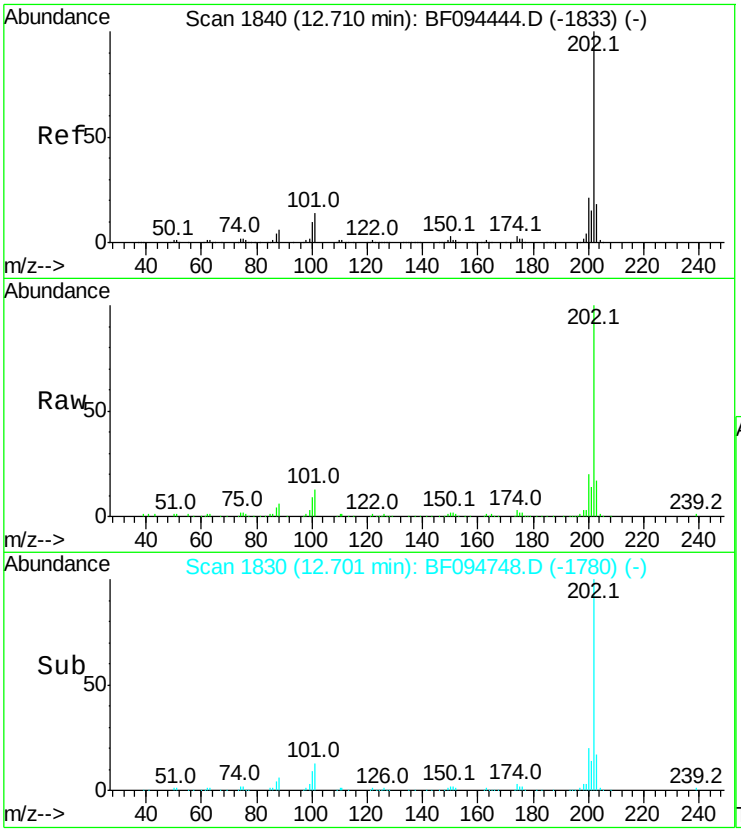


#71
Anthracene
Concen: 4.44 ng
RT: 11.31 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:178 Resp: 83471

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



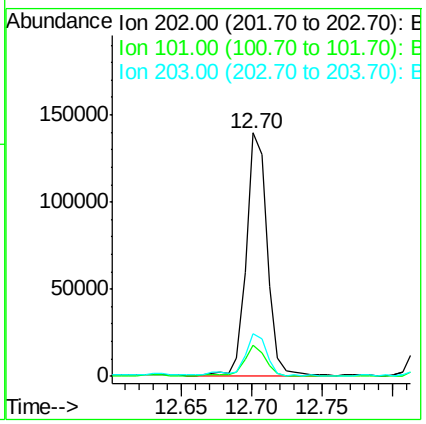


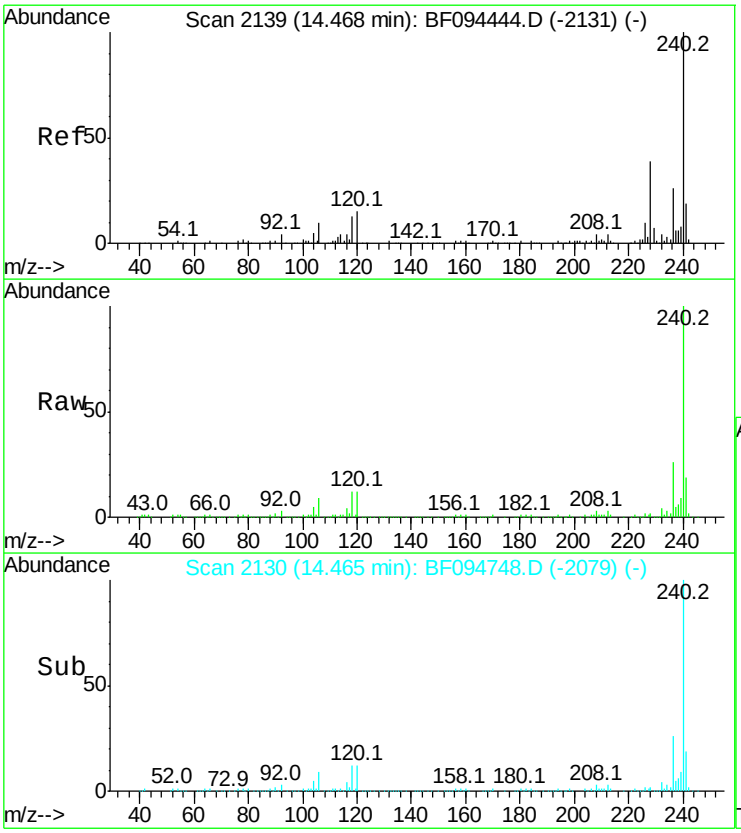
#74
Fluoranthene
Concen: 7.62 ng
RT: 12.70 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 143683

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.3	0.0	38.1

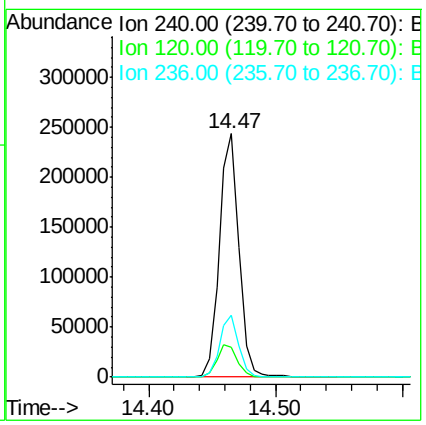


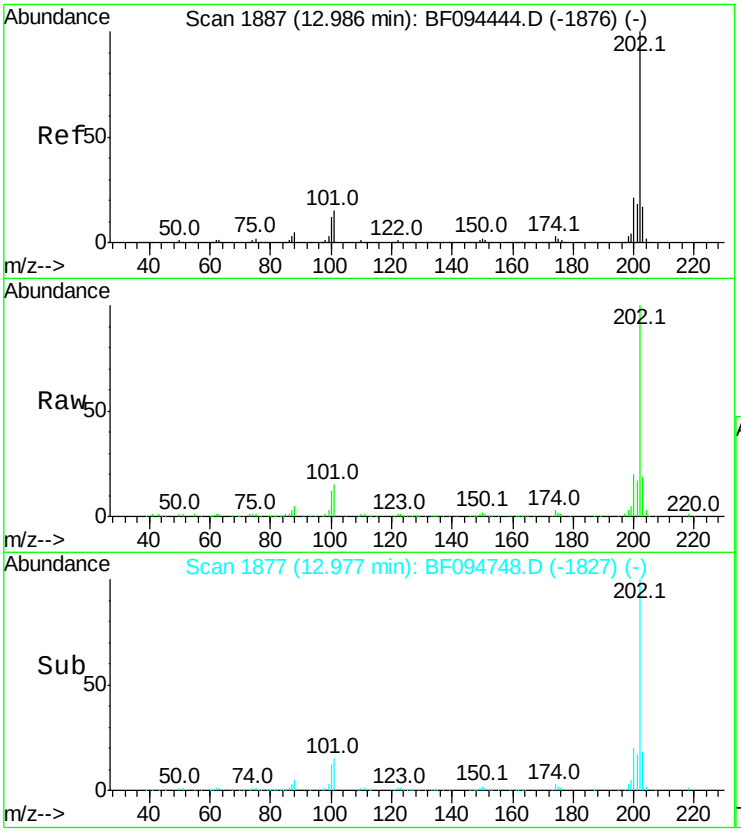


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:240 Resp: 262112

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	25.6	20.5	30.7



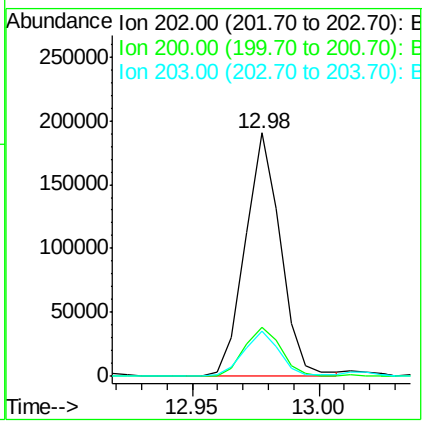


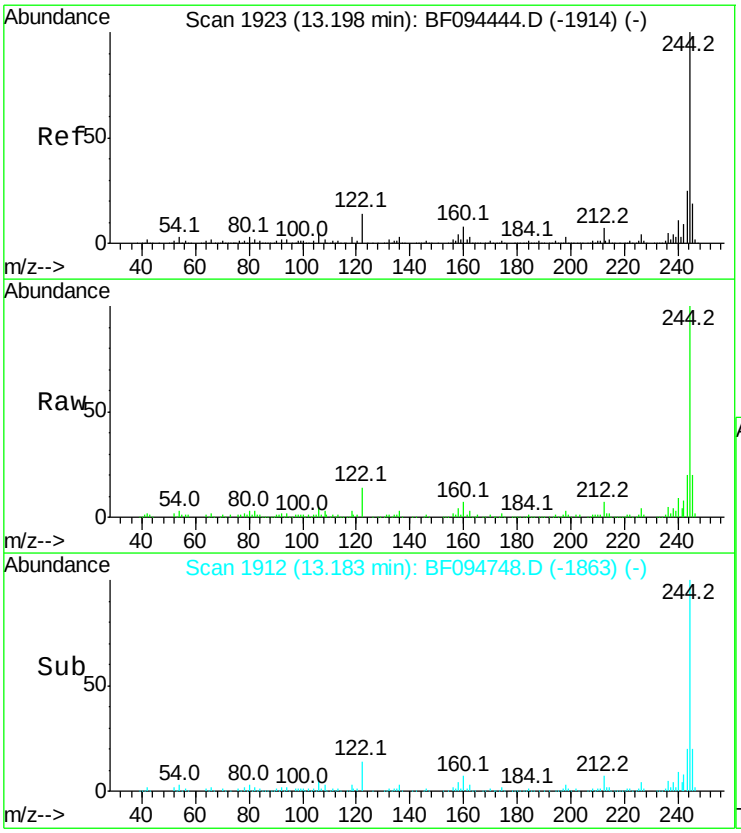
#77
Pyrene
Concen: 10.02 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 183576

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	18.6	14.4	21.6

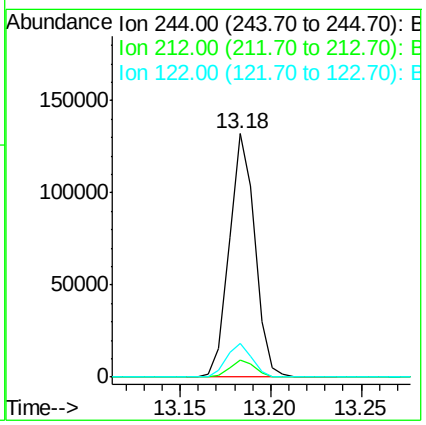


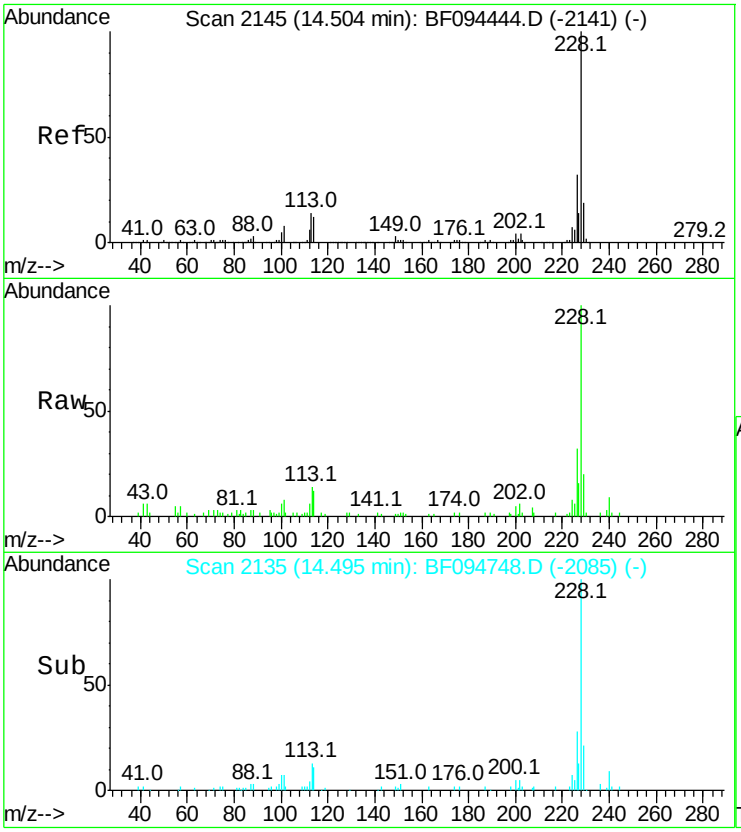


#78
Terphenyl-d14
Concen: 13.21 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:244 Resp: 129506

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.8	10.3	15.5



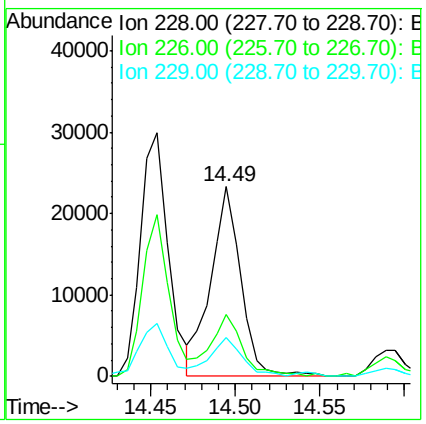


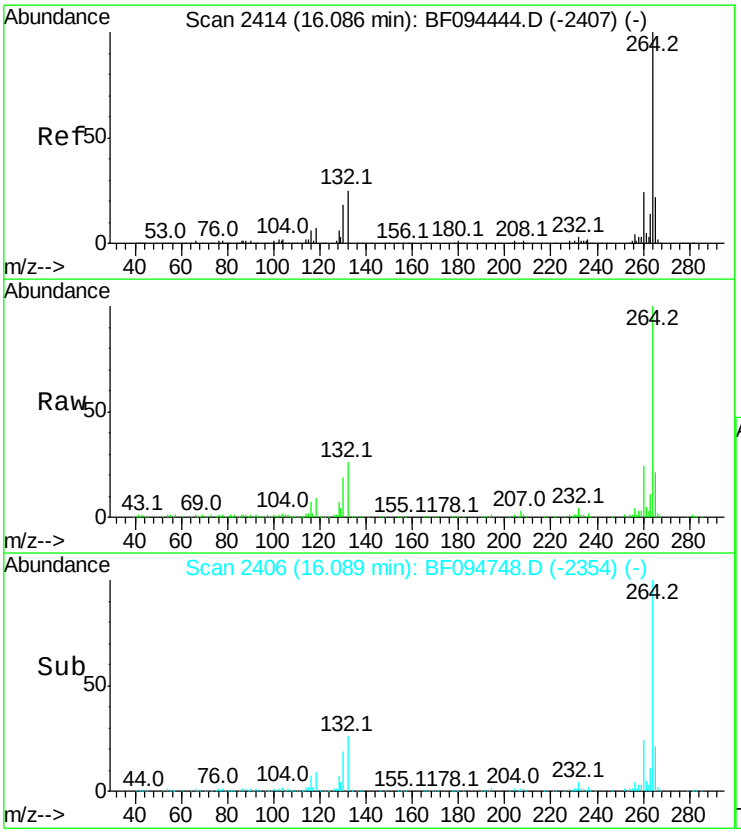
#82
Chrysene
Concen: 2.09 ng
RT: 14.49 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 29073

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.1	15.8	23.6

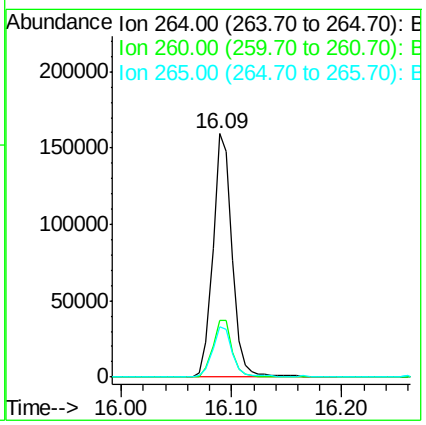


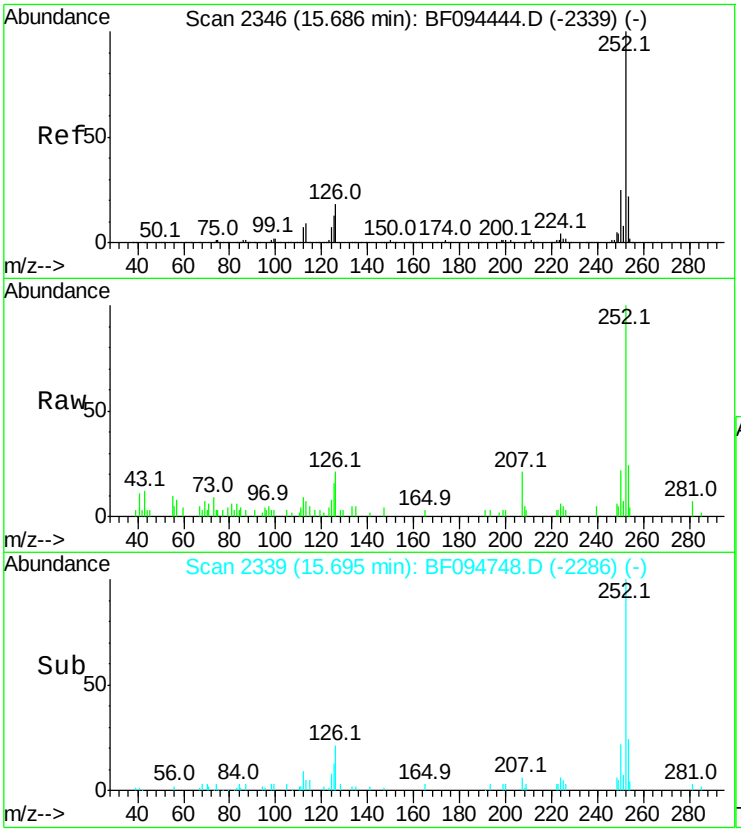


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:264 Resp: 191050

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.7	17.2	25.8



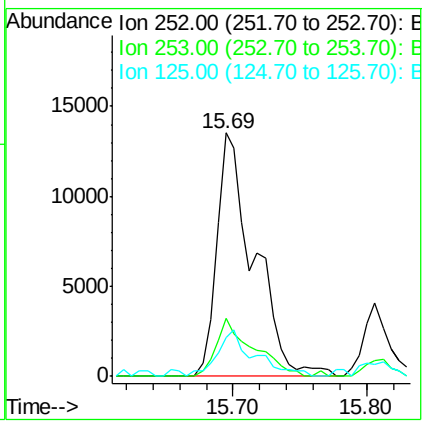


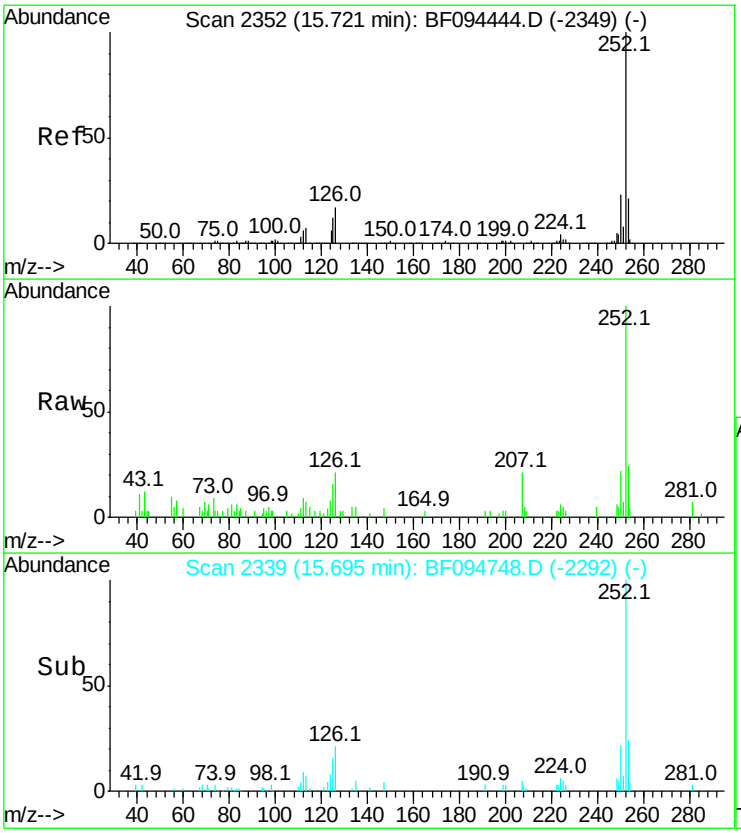
#87
Benzo(b)fluoranthene
Concen: 2.24 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 26183

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	15.8	9.8	14.8#

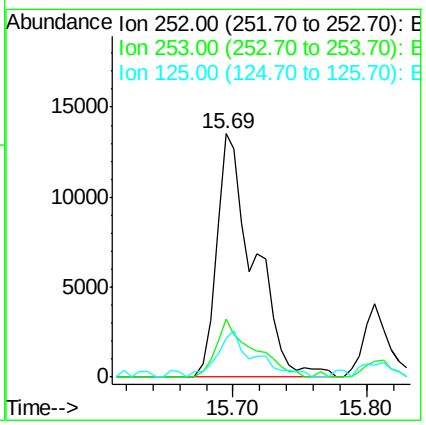


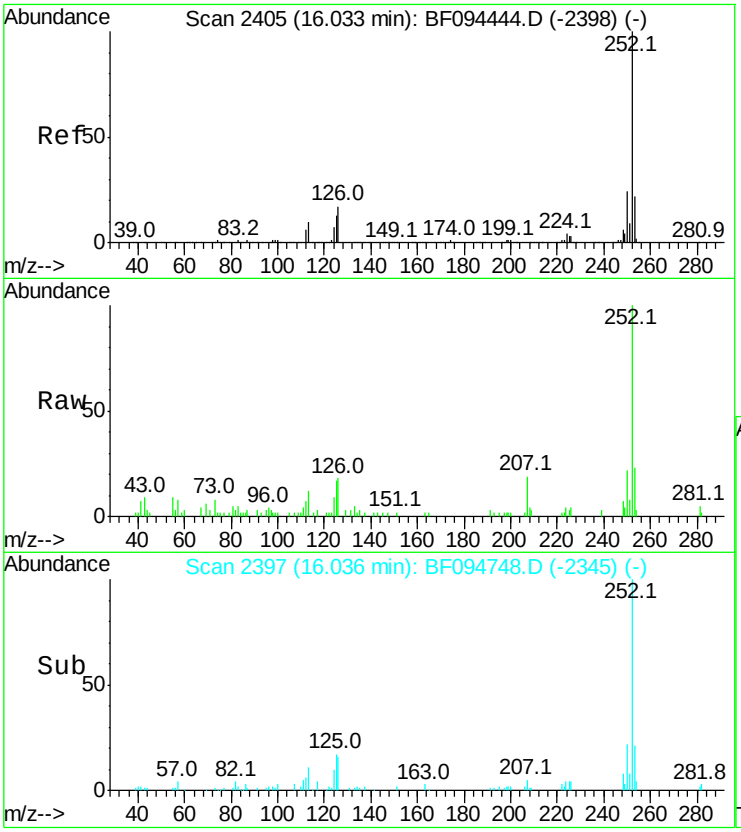


#88
Benzo(k)fluoranthene
Concen: 2.37 ng
RT: 15.69 min Scan# 2339
Delta R.T. -0.03 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Tgt Ion:252 Resp: 26183

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.4	27.6
125	15.8	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.12 ng
RT: 16.04 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BF094748.D
Acq: 1 May 2017 13:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 23029

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	17.0	11.0	16.4#