Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW006

Quant Time: Feb 02 06:59:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	205818	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	825578	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	387096	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	712354	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	424571	20.00	ng		-0.01
86) Perylene-d12	15.25	264	416109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1234589	93.43	ng		0.00
7) Phenol-d6	6.37	99	1681409	102.64	ng		0.00
23) Nitrobenzene-d5	7.28	82	987811	67.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	416702	103.20	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	1510176	59.53	ng		-0.01
78) Terphenyl-d14	12.82	244	1107239	59.10	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.49	77	33106	3.42	ng		84
19) n-Nitroso-di-n-propylamine	7.28	70	131121	12.77	ng	#	71
25) Isophorone	7.28	82	900329	31.59	ng	#	66
31) Naphthalene	8.02	128	83201	2.01	ng		100
49) Dimethylphthalate	9.48	163	278566	9.45	ng	#	91
51) Acenaphthene	9.78	154	59682	2.37	ng		98
54) Dibenzofuran	9.95	168	70620	2.30	ng		94
57) Fluorene	10.29	166	73442	2.86	ng		97
60) 4-Chlorophenyl-phenylether	10.02	204	268	Below Cal		#	51
66) 4-Bromophenyl-phenylether	10.54	248	25925	3.30	ng	#	1
70) Phenanthrene	11.25	178	873165	22.10	ng		98
71) Anthracene	11.30	178	194841	4.89	ng		99
72) Carbazole	11.46	167	76265	2.20	ng		96
73) Di-n-butylphthalate	11.80	149	91726	2.08	ng	#	97
74) Fluoranthene	12.44	202	918255	22.96	ng		95
76) Benzidine	12.61	184	744	6.92	ng	#	1
77) Pyrene	12.67	202	777156	23.91	ng		99
80) Benzo(a)anthracene	13.85	228	330984	12.56	ng		98
82) Chrysene	13.85	228	330984	12.95	ng		96
83) Bis(2-ethylhexyl)phthalate	13.89	149	115497	6.29	ng	#	97
85) Indeno(1,2,3-cd)pyrene	16.56	276	136661	6.79	ng		94
87) Benzo(b)fluoranthene	14.87	252	376819	13.48	ng	#	95
88) Benzo(k)fluoranthene	14.87	252	376691	16.30	ng		99
89) Benzo(a)pyrene	15.20	252	207075	8.69	ng		97
90) Dibenzo(a,h)anthracene	16.56	278	45887	2.29	ng	#	87
91) Benzo(g,h,i)perylene	16.95	276	129338	6.40	ng		99

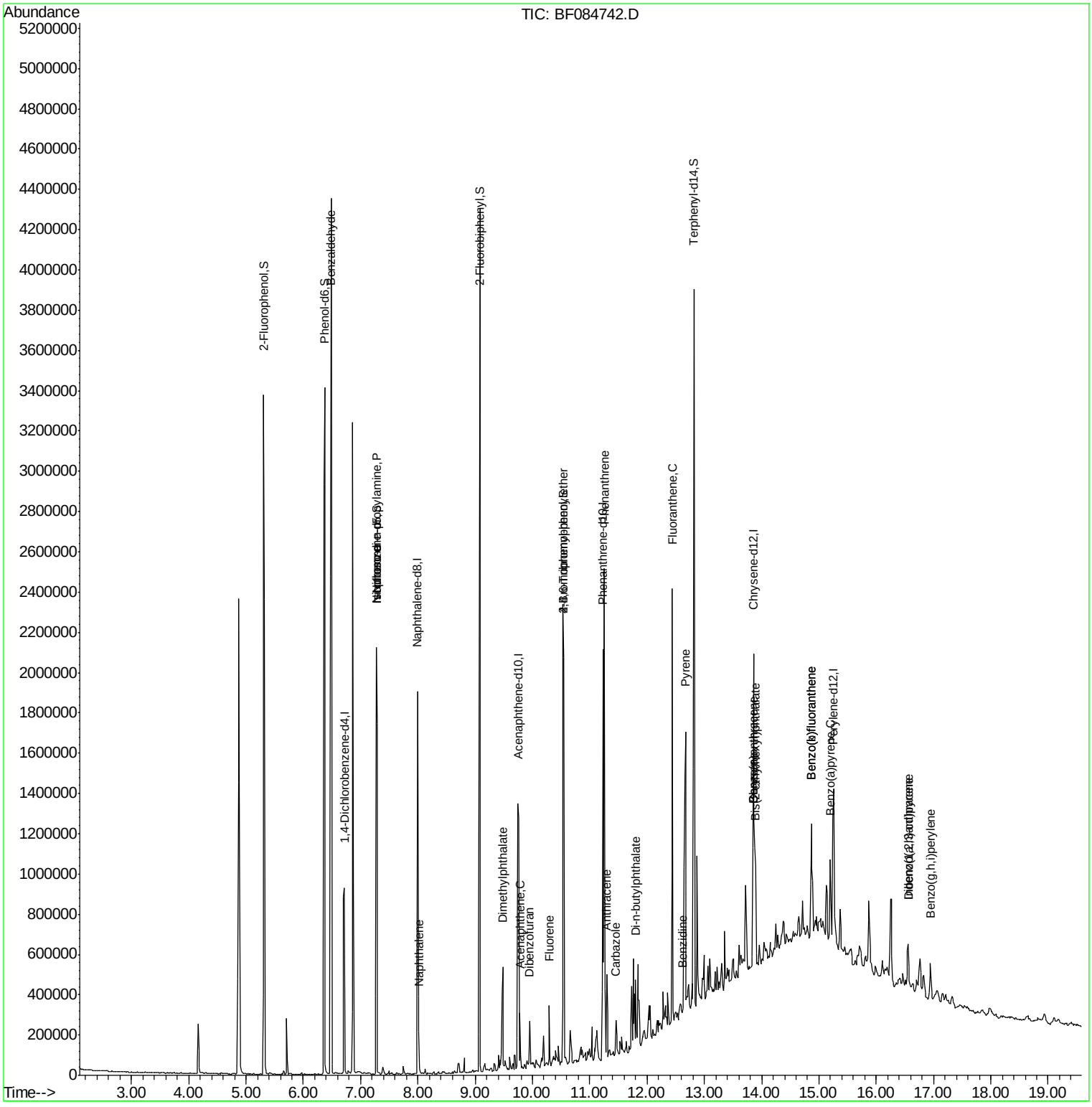
(#) = qualifier out of range (m) = manual integration (+) = signals summed

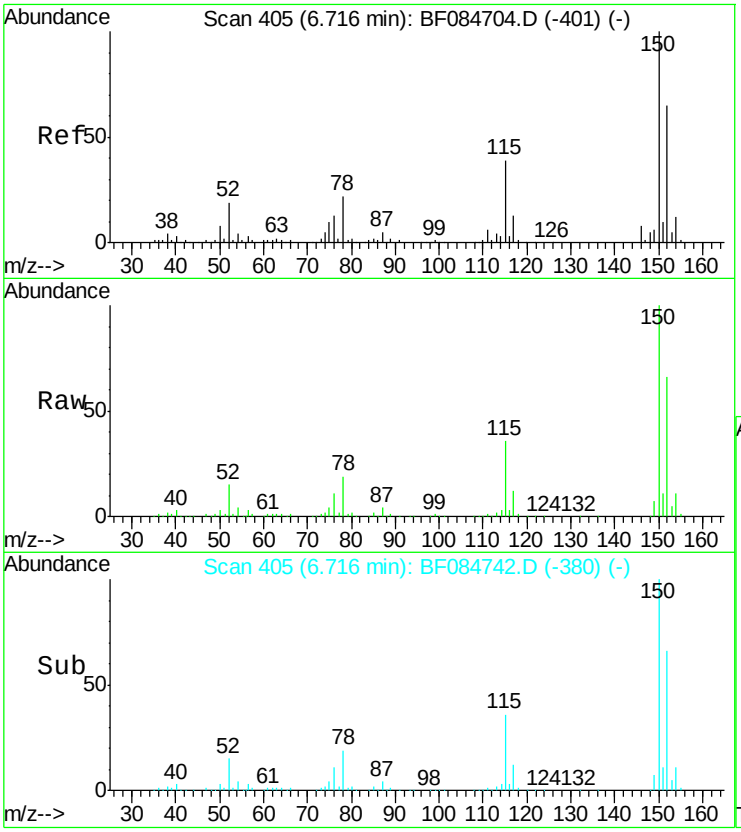
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084742.D
Acq On : 2 Feb 2016 6:32
Operator : SJ/IZ
Sample : H1295-01RE
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW006

Quant Time: Feb 02 06:59:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration



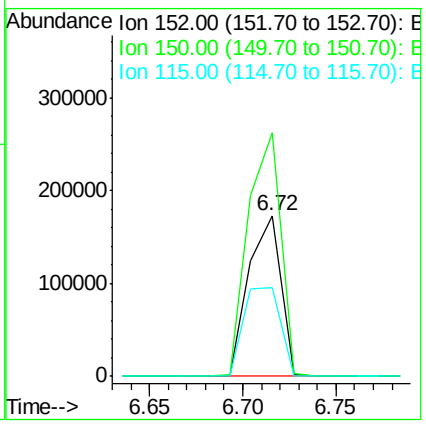


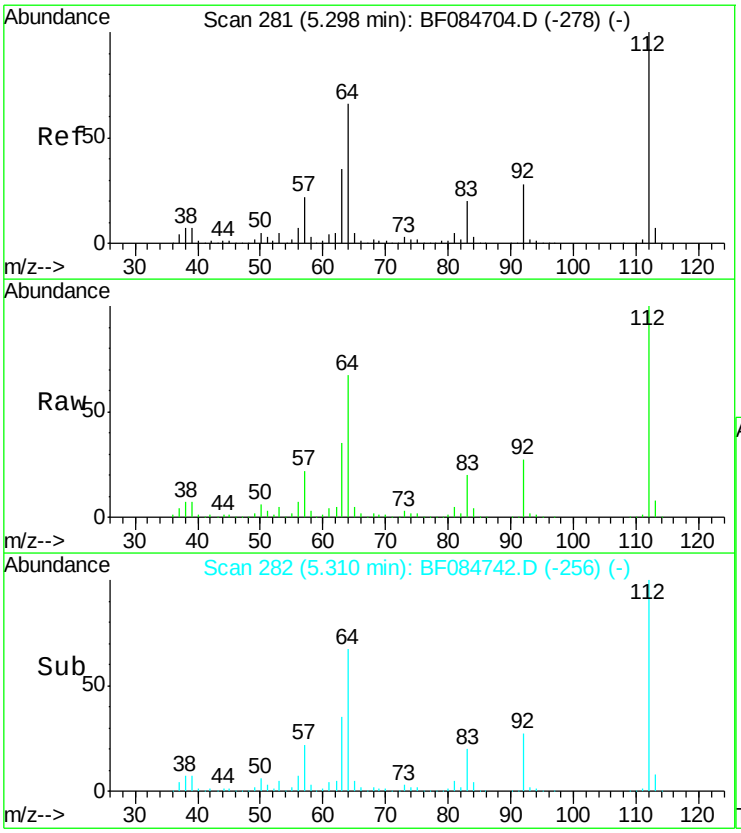
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:152 Resp: 205818

Ion	Ratio	Lower	Upper
152	100		
150	151.3	123.0	184.4
115	55.1	51.4	77.2

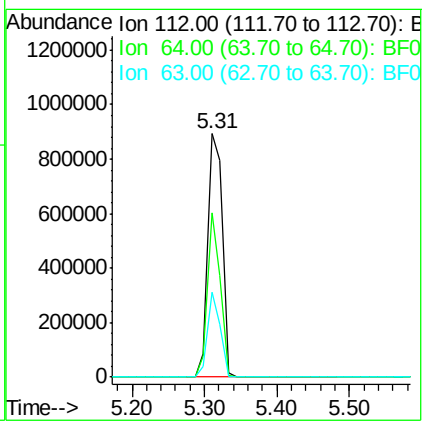


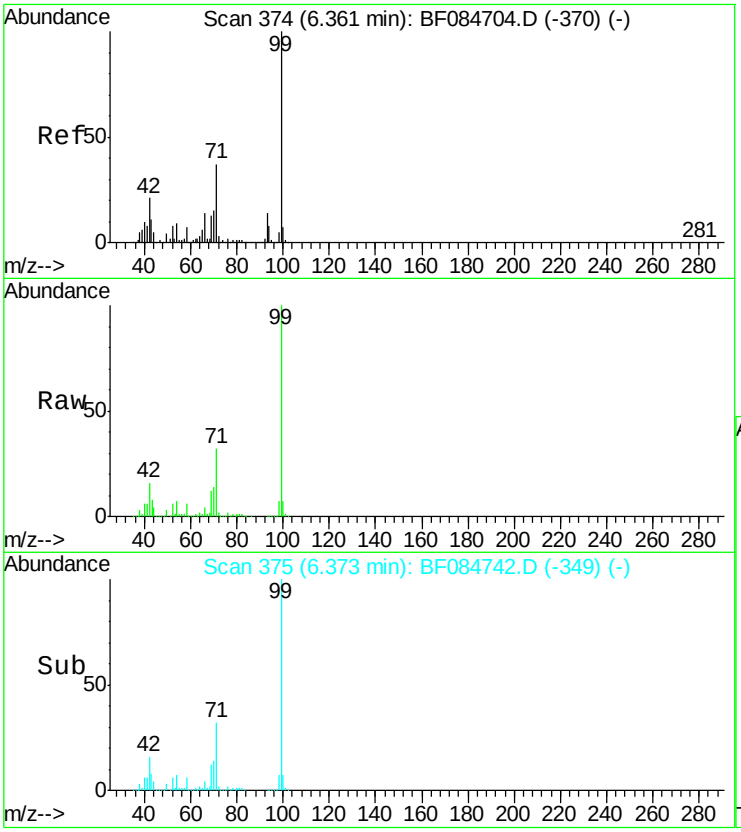


#5
2-Fluorophenol
Concen: 93.43 ng
RT: 5.31 min Scan# 282
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:112 Resp: 1234589

Ion	Ratio	Lower	Upper
112	100		
64	67.3	36.6	55.0#
63	35.1	19.4	29.0#



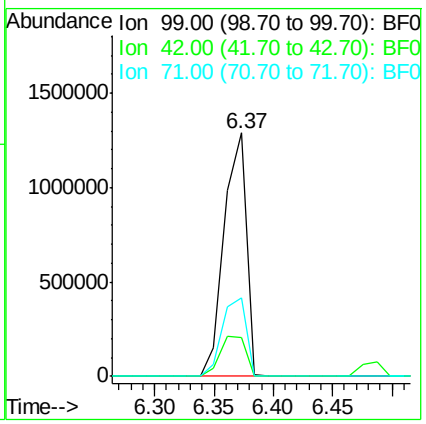


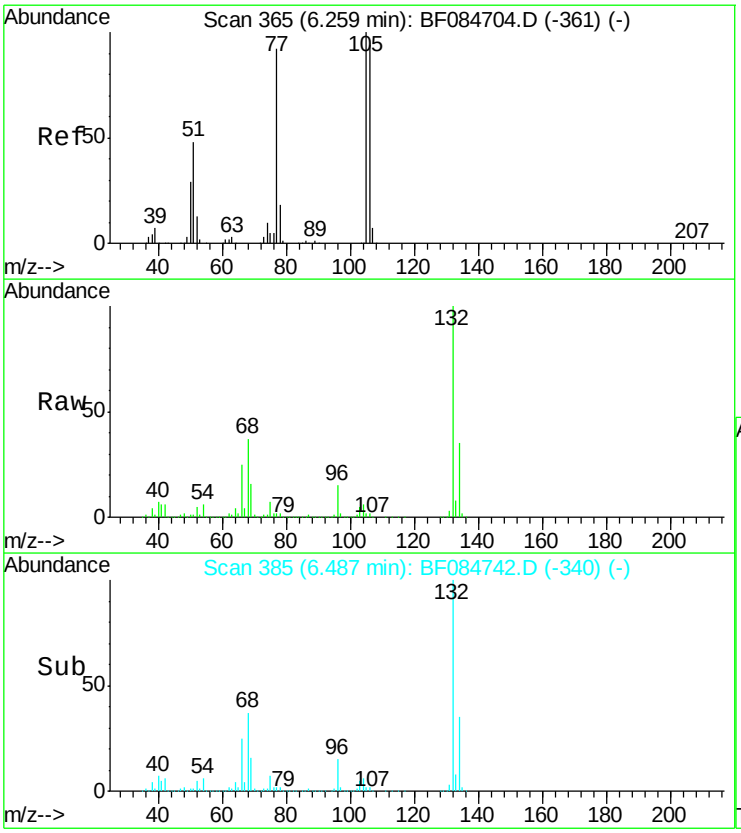
#7
Phenol-d6
Concen: 102.64 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 99 Resp: 1681409

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	32.4	30.9	46.3

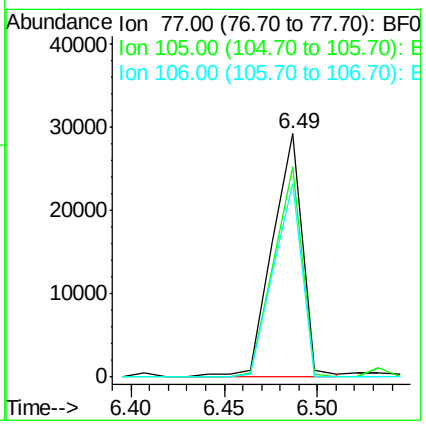


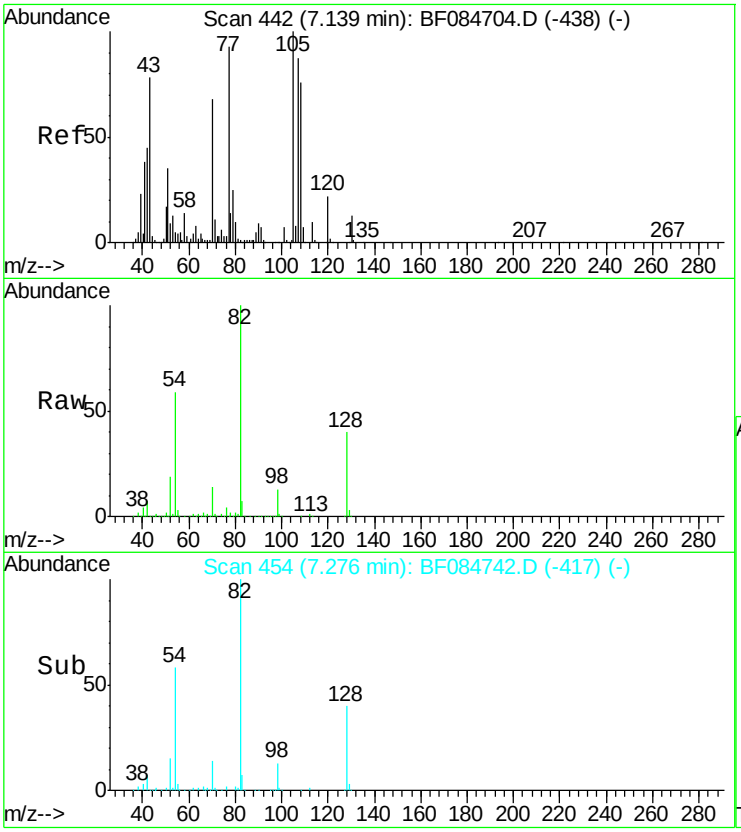


#9
Benzaldehyde
Concen: 3.42 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.22 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion: 77 Resp: 33106

Ion	Ratio	Lower	Upper
77	100		
105	86.6	83.0	123.0
106	79.5	74.6	114.6



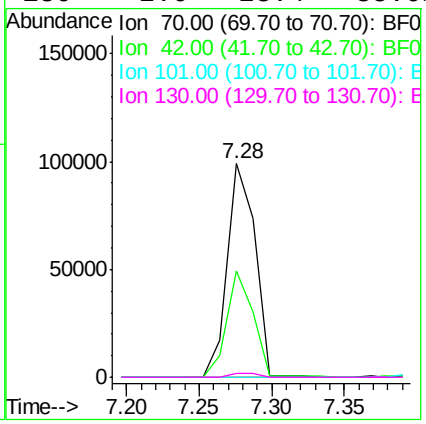


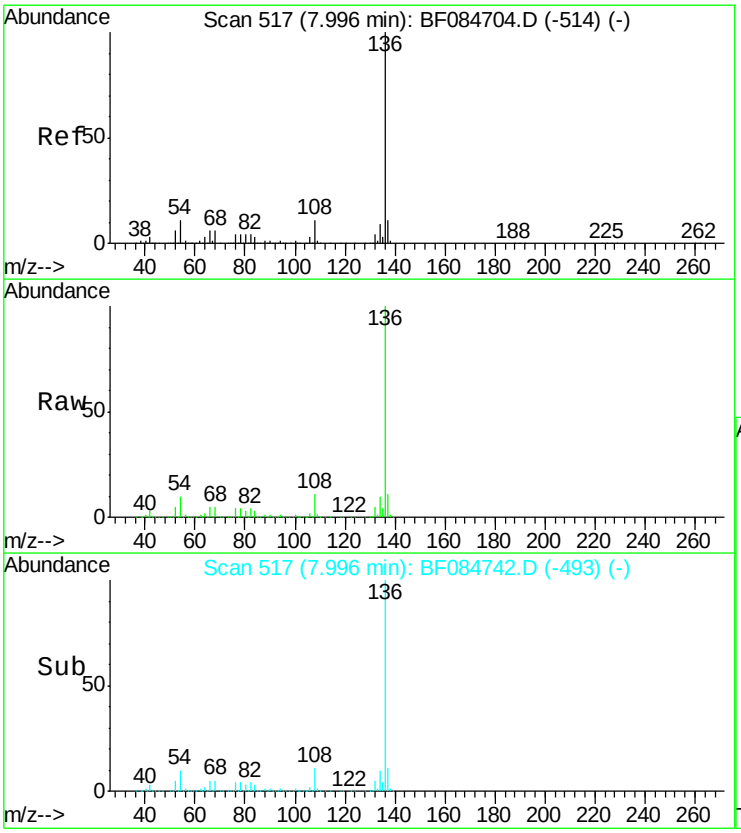
#19
n-Nitroso-di-n-propylamine
Concen: 12.77 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.13 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 70 Resp: 131121

Ion	Ratio	Lower	Upper
70	100		
42	50.0	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#

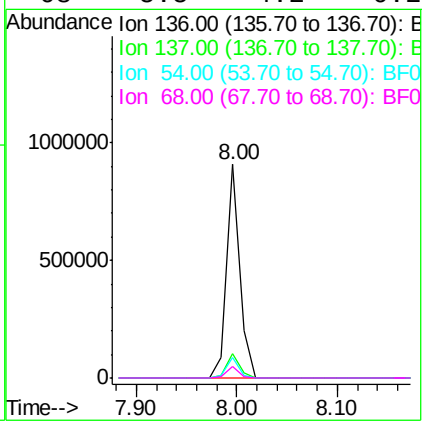


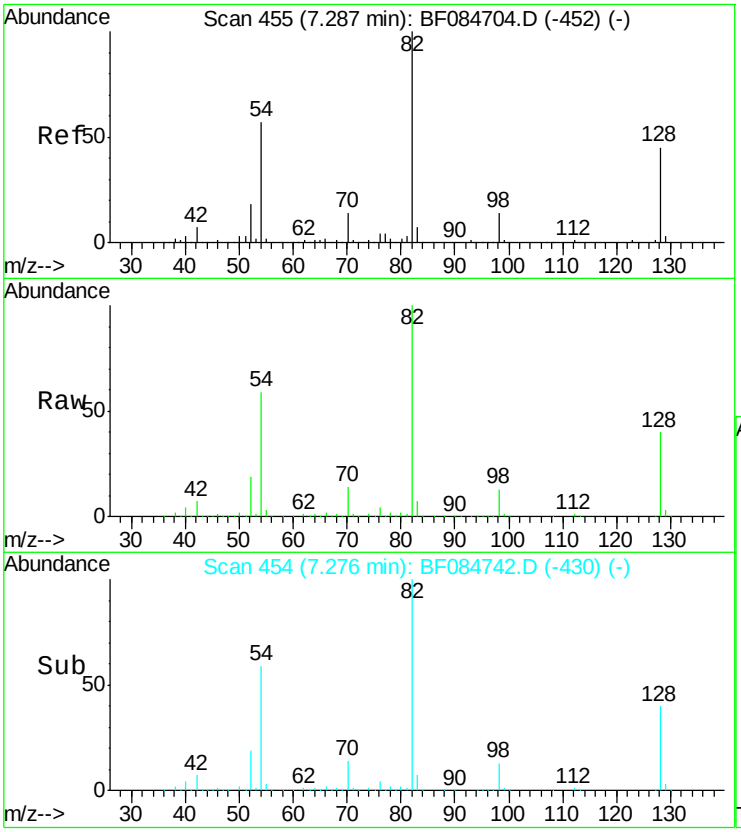


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:136 Resp: 825578

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	9.7	5.8	8.8#
68	5.5	4.2	6.2



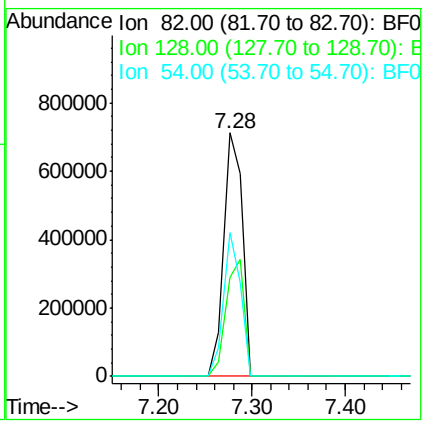


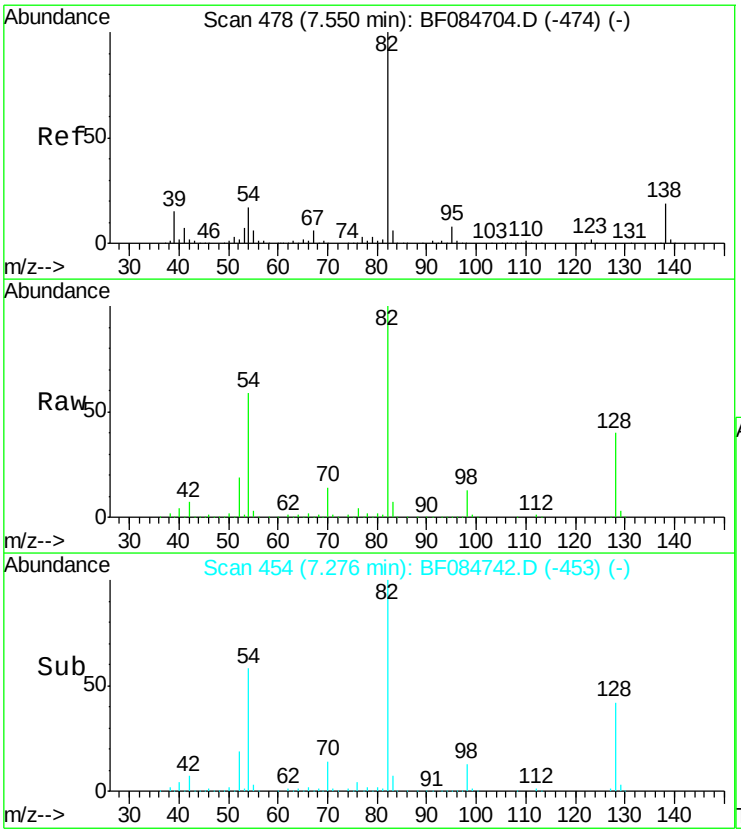
#23
Nitrobenzene-d5
Concen: 67.40 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion: 82 Resp: 987811

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.6	51.8
54	59.2	38.4	57.6#

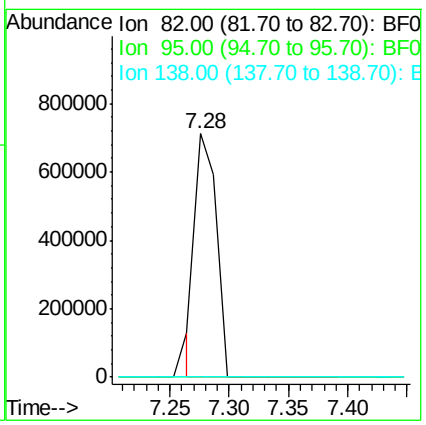


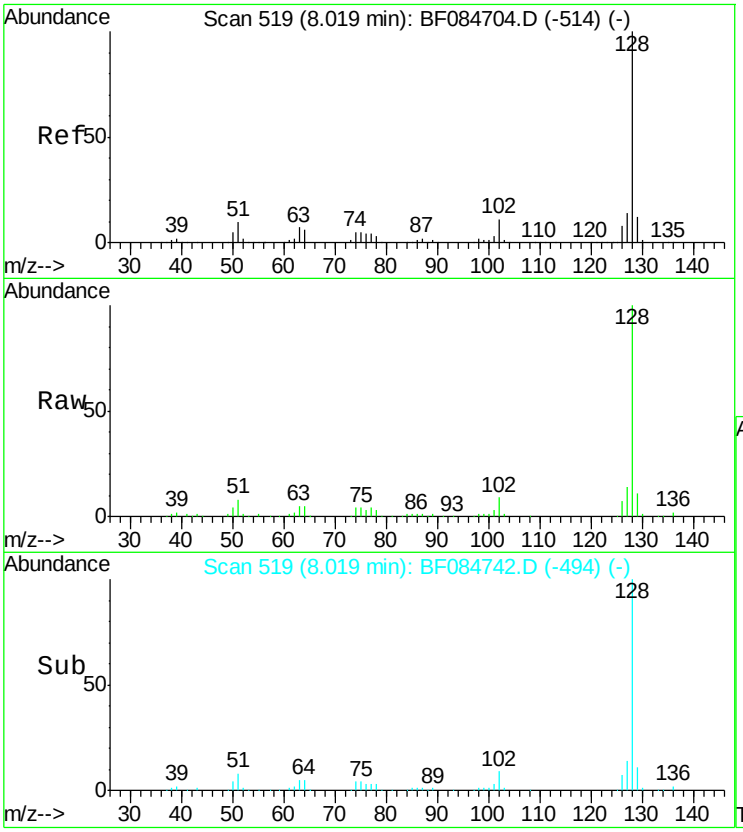


#25
Isophorone
Concen: 31.59 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.29 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion: 82 Resp: 900329

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



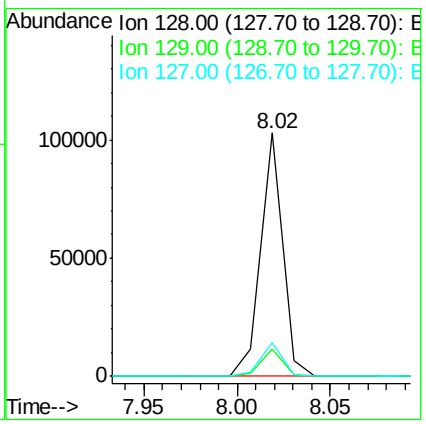


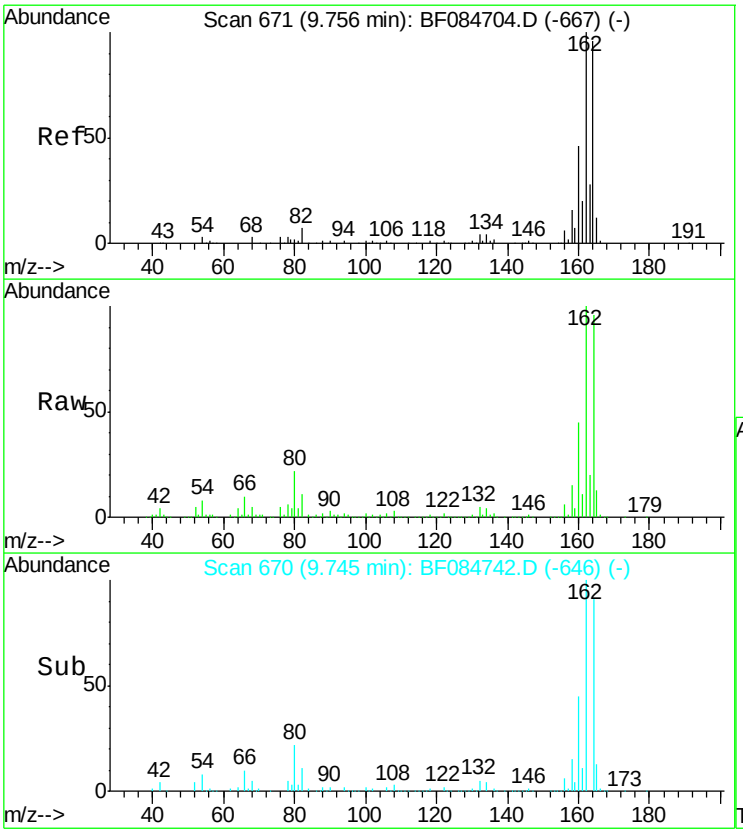
#31
Naphthalene
Concen: 2.01 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:128 Resp: 83201

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.7	11.1	16.7

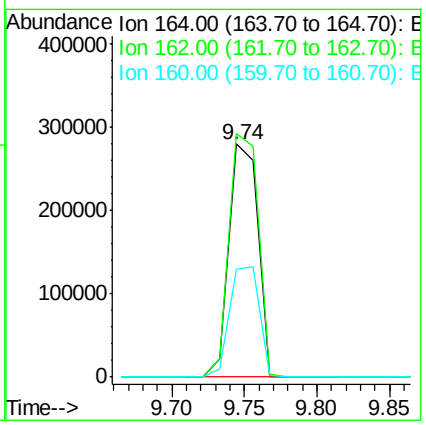


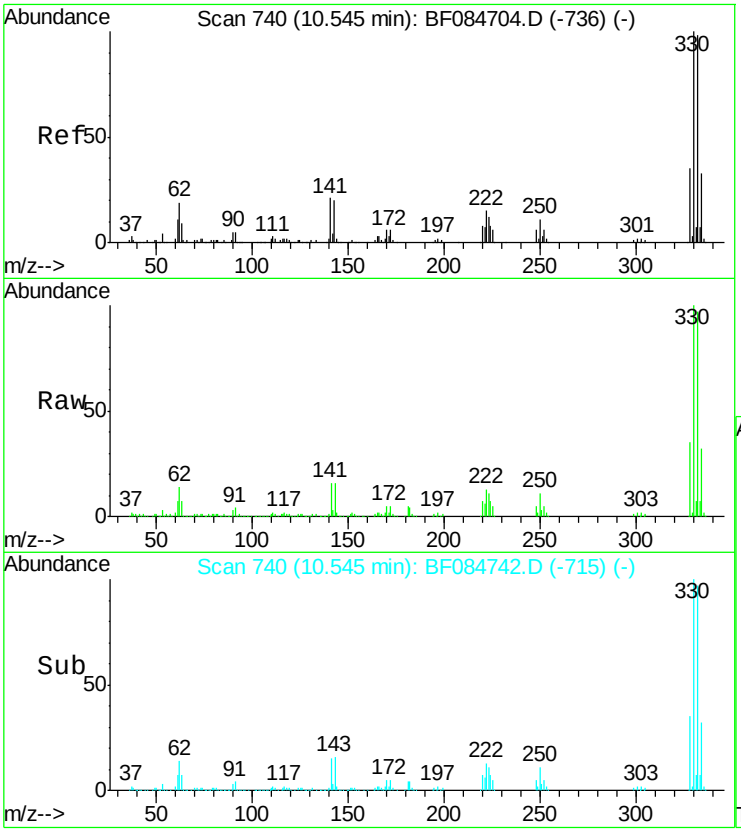


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:164 Resp: 387096

Ion	Ratio	Lower	Upper
164	100		
162	104.5	85.1	127.7
160	46.5	37.5	56.3



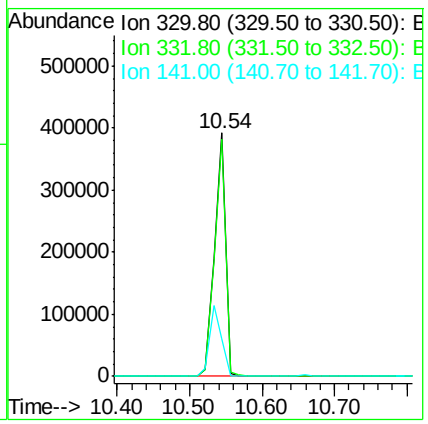


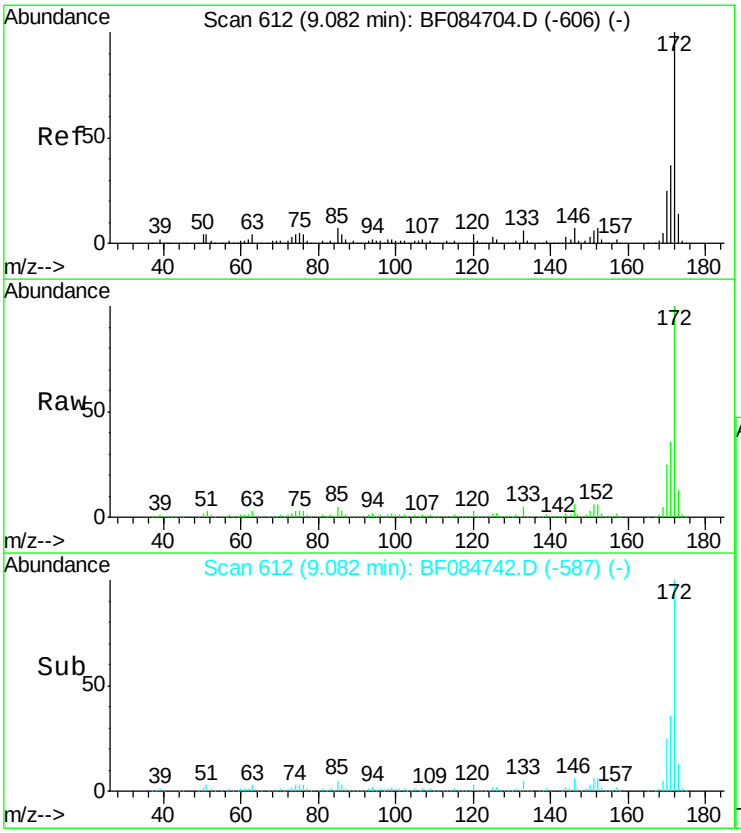
#41
2,4,6-Tribromophenol
Concen: 103.20 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:330 Resp: 416702

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	31.7	27.8	41.6

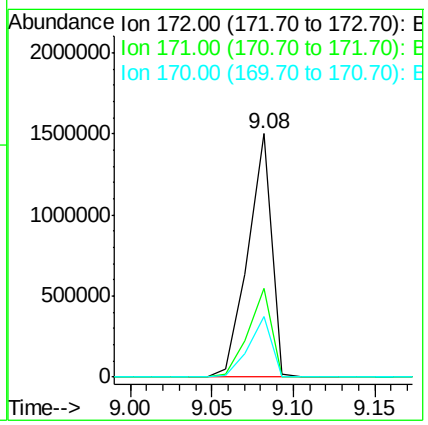


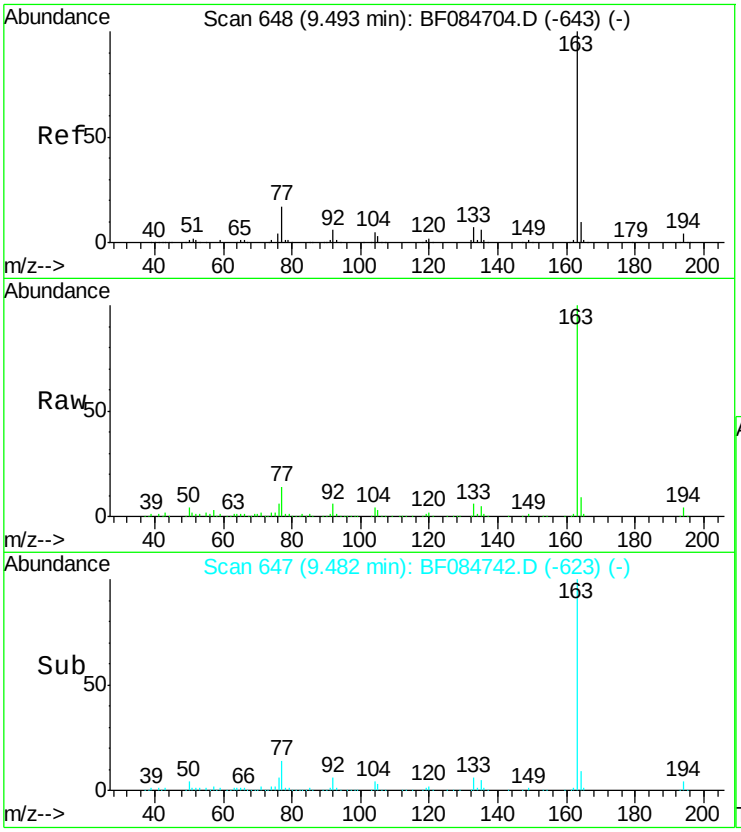


#44
2-Fluorobiphenyl
Concen: 59.53 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:172 Resp: 1510176

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.8	18.6	27.8



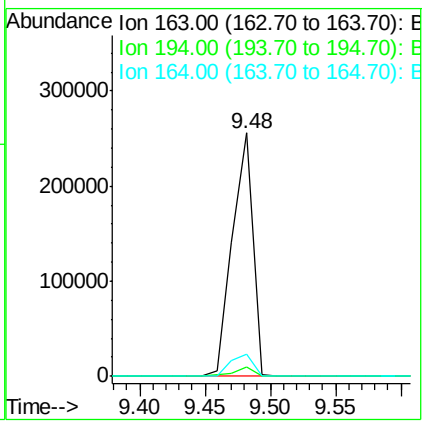


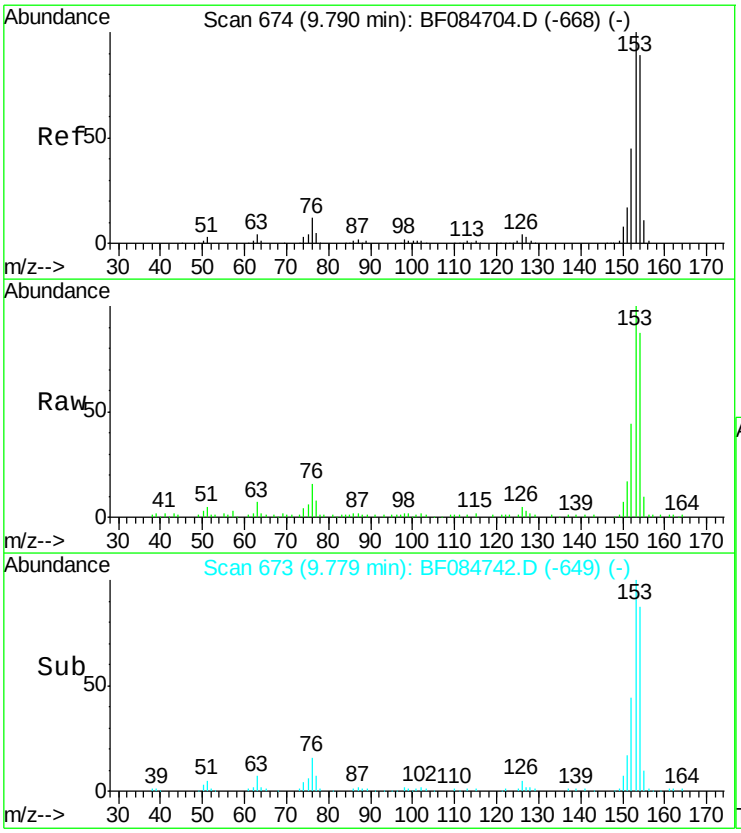
#49
Dimethylphthalate
Concen: 9.45 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:163 Resp: 278566

Ion	Ratio	Lower	Upper
163	100		
194	3.9	8.0	12.0#
164	9.3	8.0	12.0

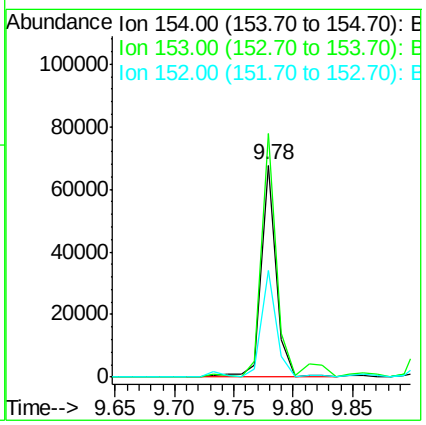


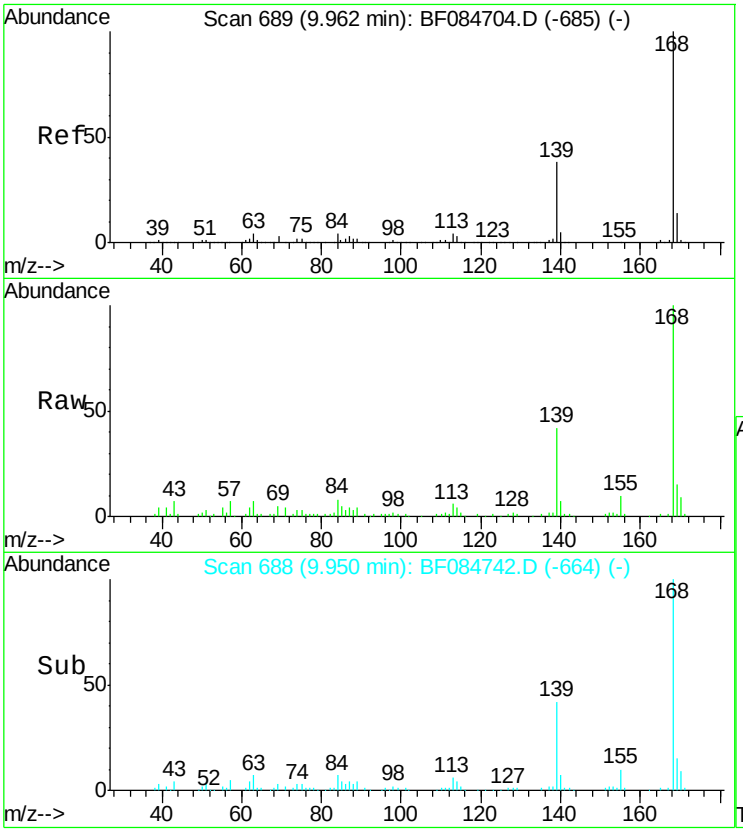


#51
Acenaphthene
Concen: 2.37 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:154 Resp: 59682

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.5	137.3
152	50.5	43.0	64.6



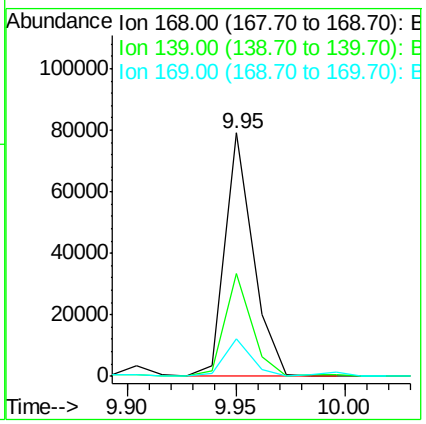


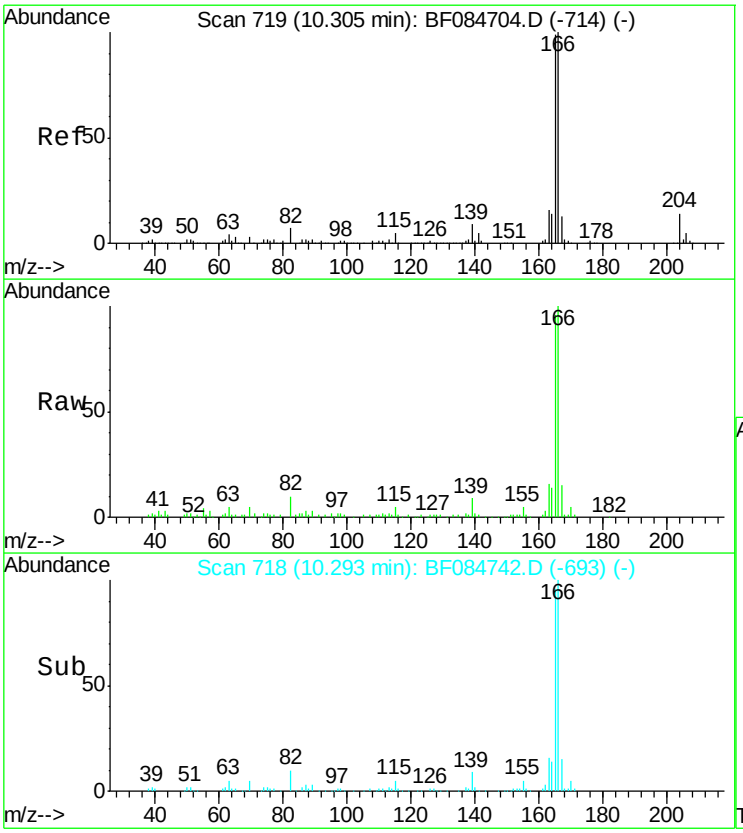
#54
Dibenzofuran
Concen: 2.30 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:168 Resp: 70620

Ion	Ratio	Lower	Upper
168	100		
139	42.0	30.5	45.7
169	15.2	10.4	15.6

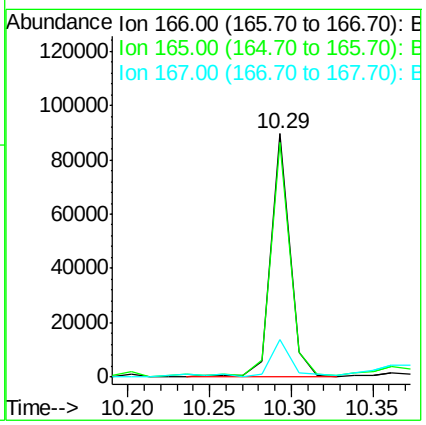


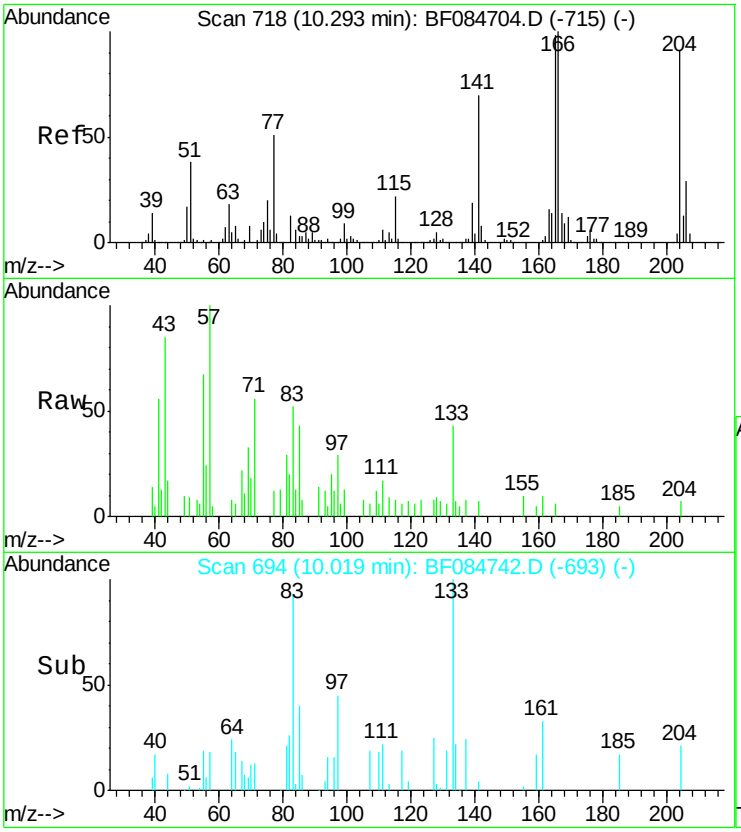


#57
Fluorene
Concen: 2.86 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:166 Resp: 73442

Ion	Ratio	Lower	Upper
166	100		
165	96.3	79.1	118.7
167	15.5	10.4	15.6



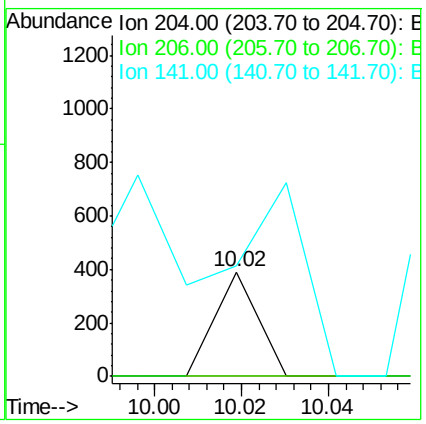


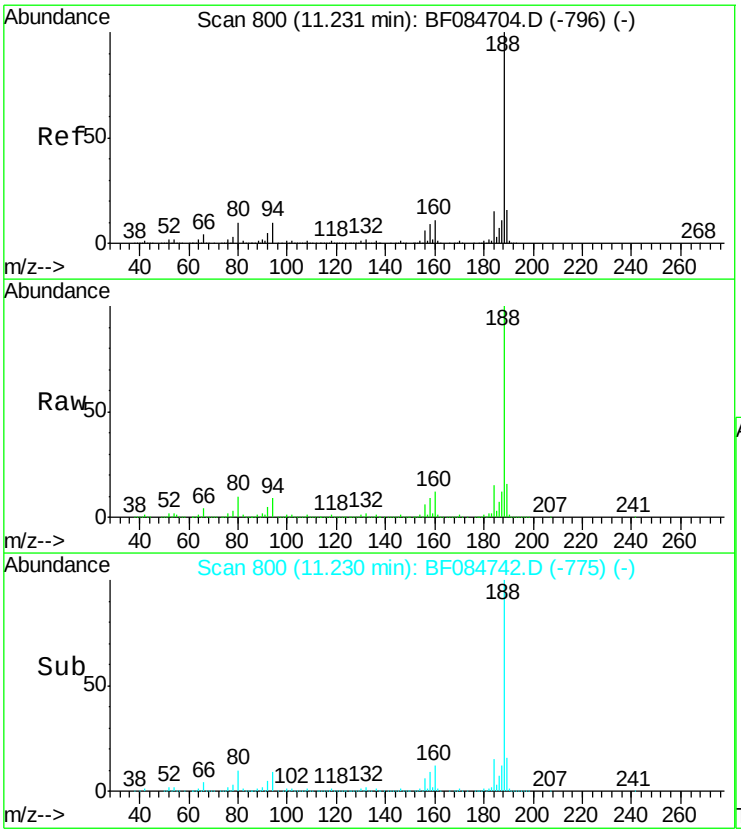
#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.02 min Scan# 694
Delta R.T. -0.29 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:204 Resp: 268

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	105.4	55.1	82.7#

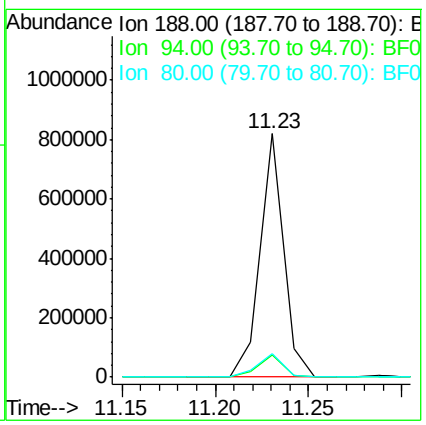


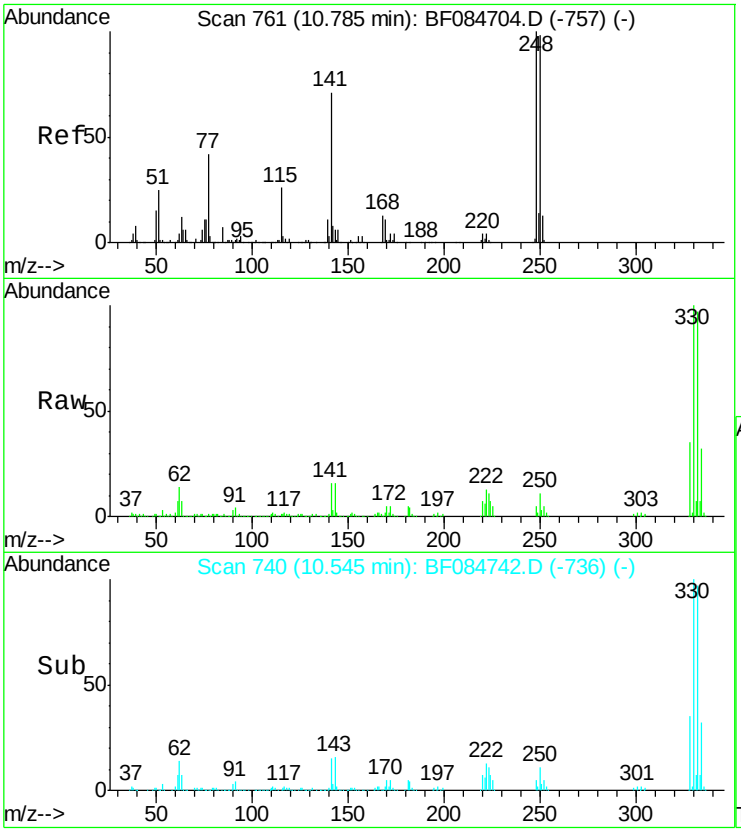


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:188 Resp: 712354

Ion	Ratio	Lower	Upper
188	100		
94	9.0	9.0	13.4
80	9.5	9.6	14.4#



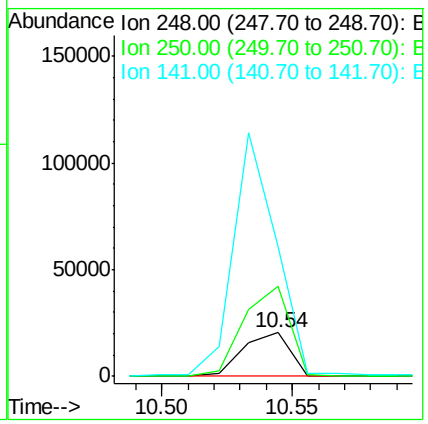


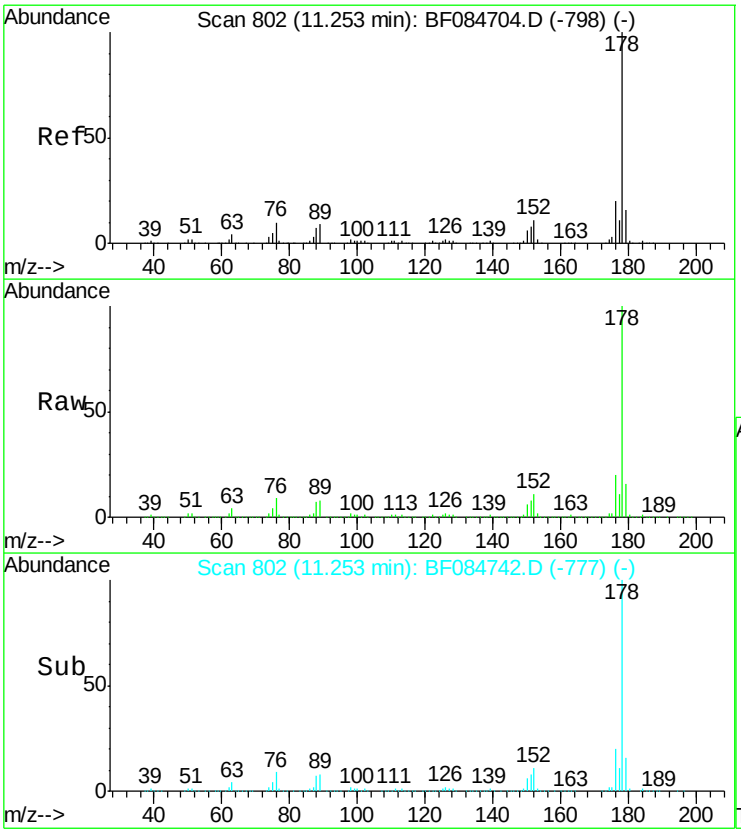
#66
4-Bromophenyl-phenylether
Concen: 3.30 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:248 Resp: 25925

Ion	Ratio	Lower	Upper
248	100		
250	207.7	78.4	117.6#
141	298.9	44.0	66.0#

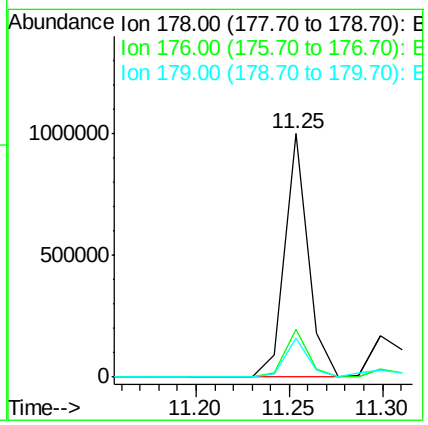


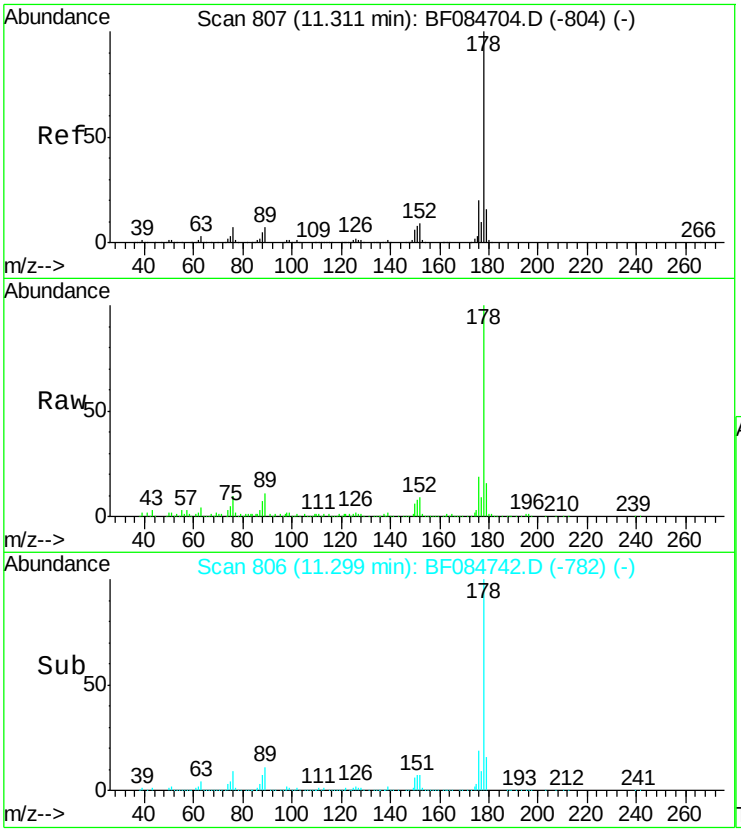


#70
Phenanthrene
Concen: 22.10 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:178 Resp: 873165

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	16.0	12.0	18.0



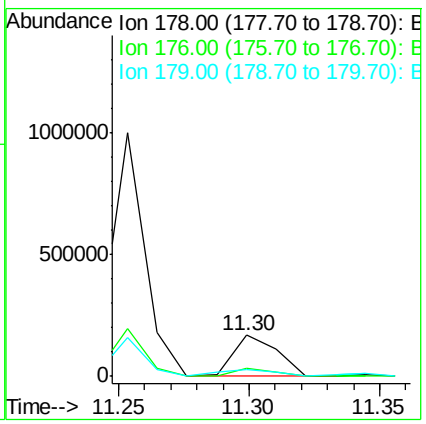


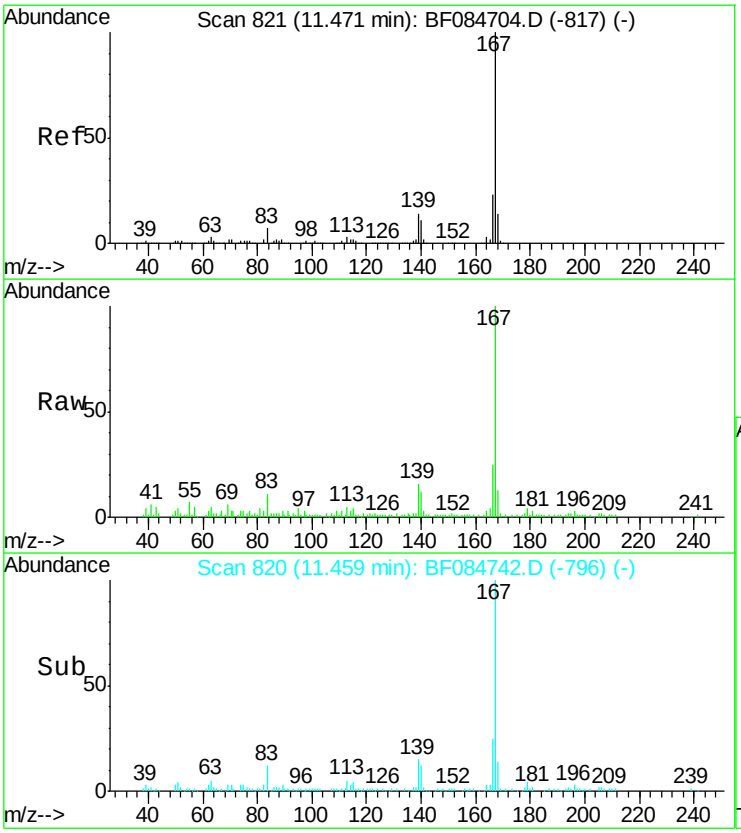
#71
Anthracene
Concen: 4.89 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:178 Resp: 194841

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.8	12.5	18.7

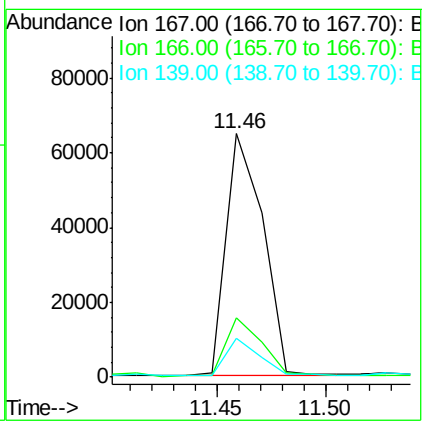


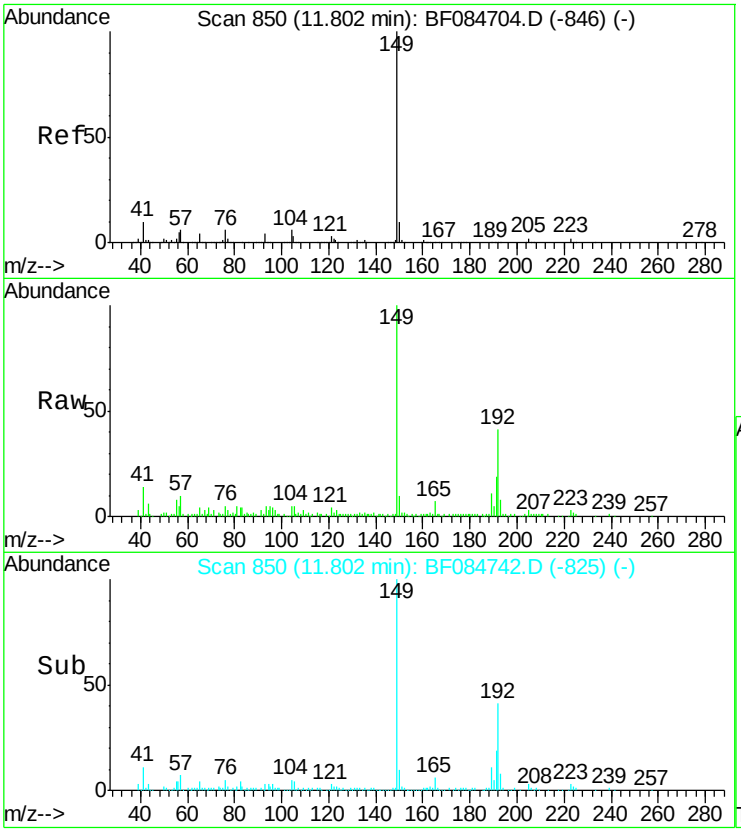


#72
Carbazole
Concen: 2.20 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:167 Resp: 76265

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.6	26.4
139	15.9	11.8	17.8



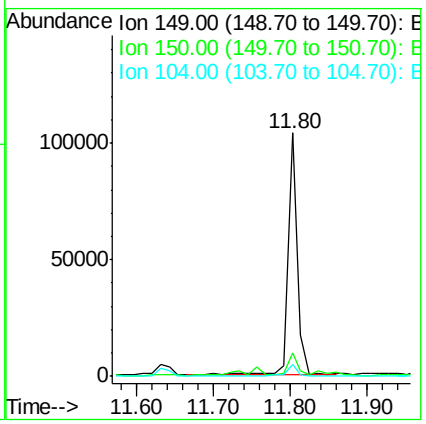


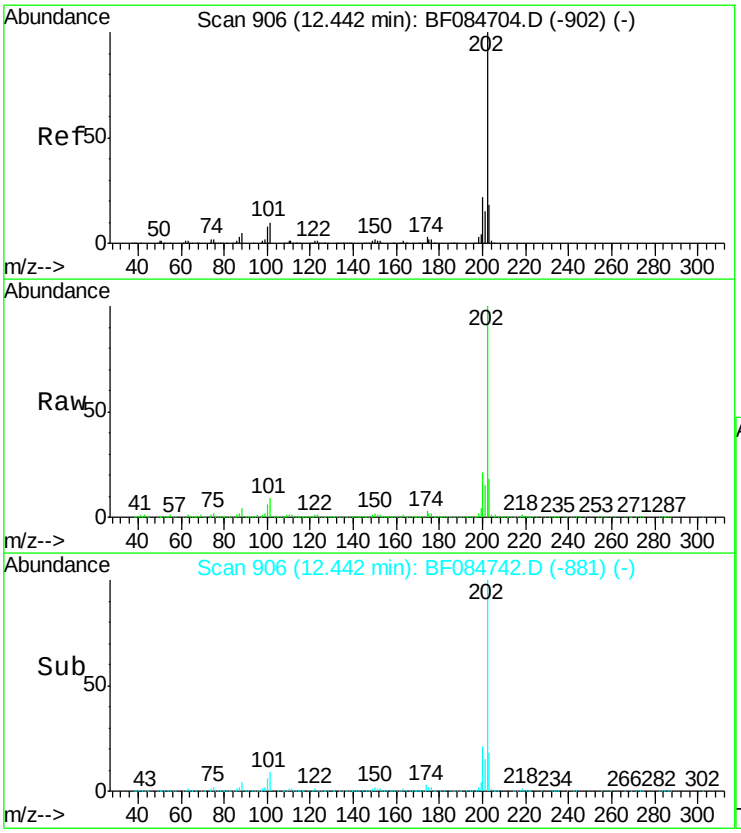
#73
Di-n-butylphthalate
Concen: 2.08 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:149 Resp: 91726

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.1	10.7
104	5.1	3.2	4.8#

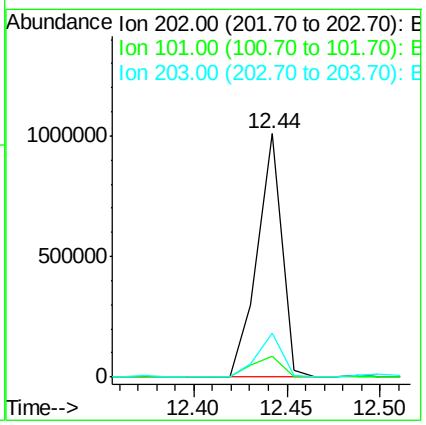


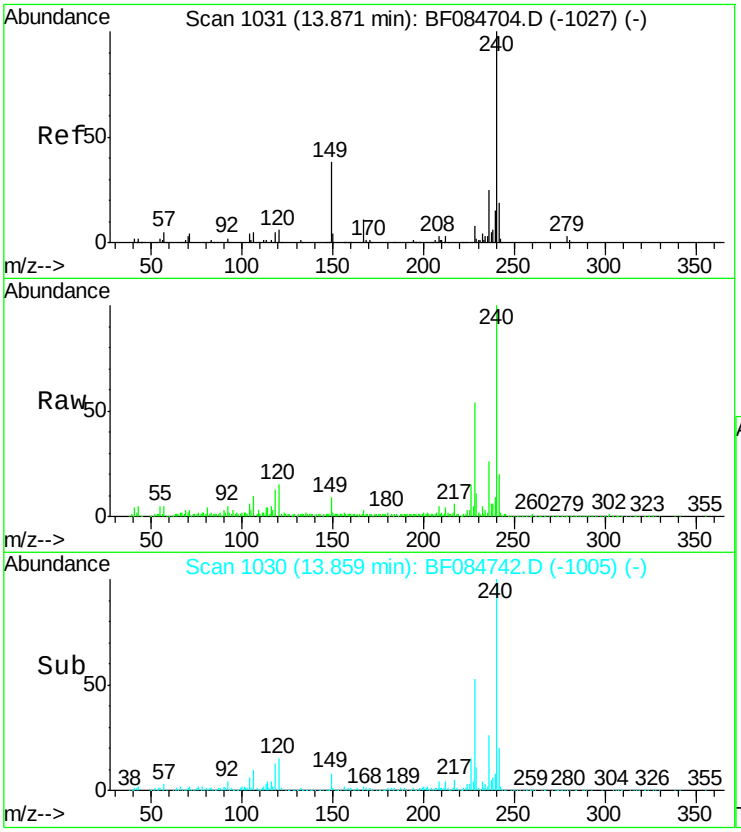


#74
Fluoranthene
Concen: 22.96 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:202 Resp: 918255

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	32.8
203	18.1	0.0	37.9



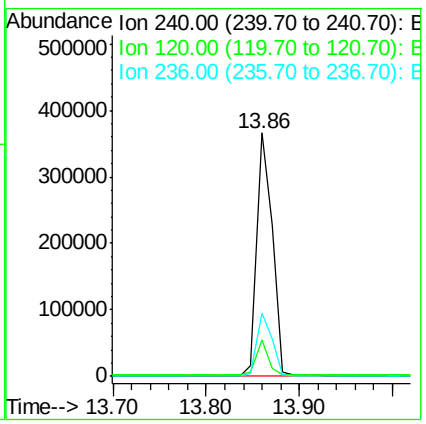


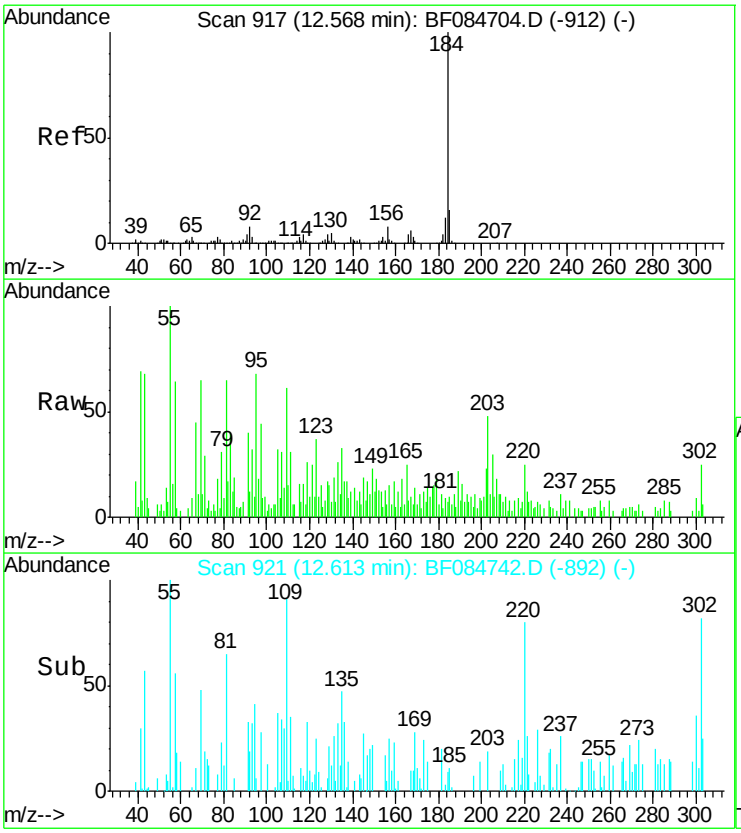
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:240 Resp: 424571

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	26.1	20.6	31.0

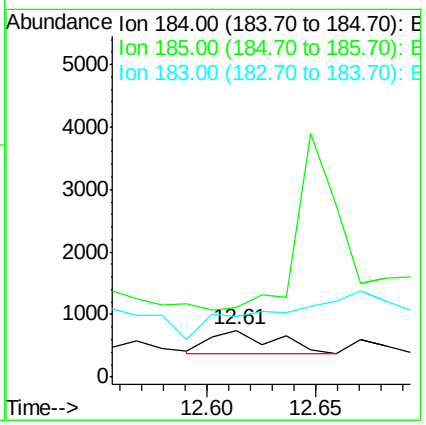


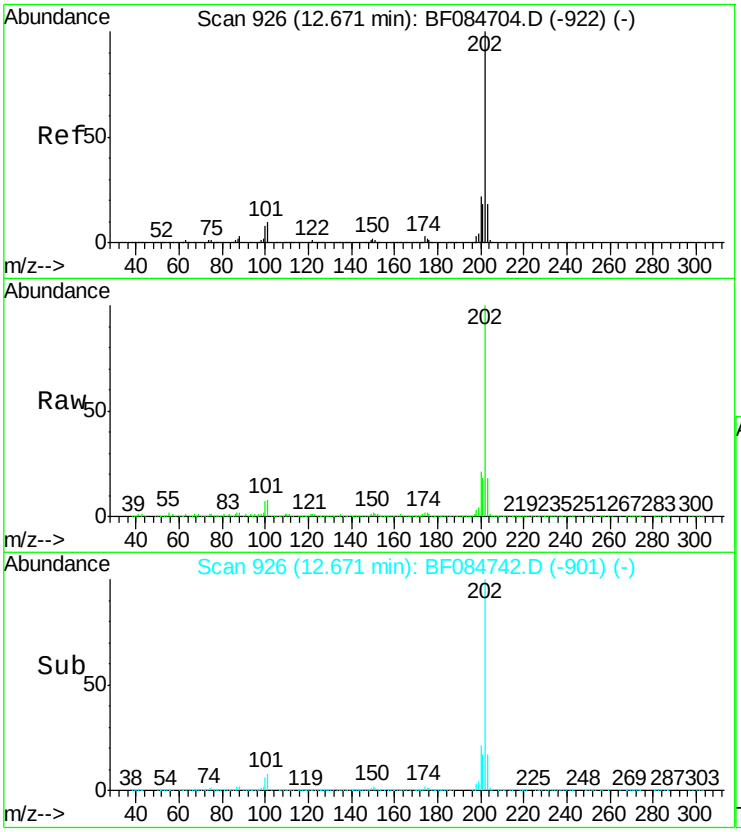


#76
Benzidine
Concen: 6.92 ng
RT: 12.61 min Scan# 921
Delta R.T. 0.03 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:184 Resp: 744

Ion	Ratio	Lower	Upper
184	100		
185	149.9	12.2	18.2#
183	128.3	9.8	14.8#



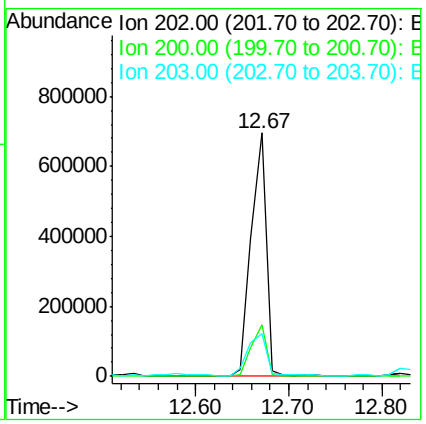


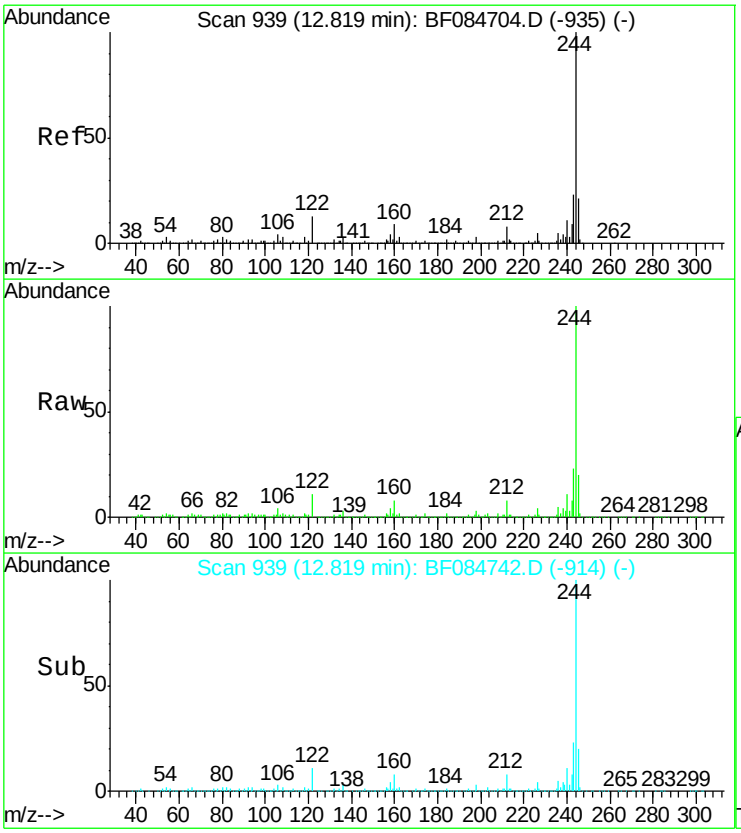
#77
Pyrene
Concen: 23.91 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:202 Resp: 777156

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	17.6	14.3	21.5

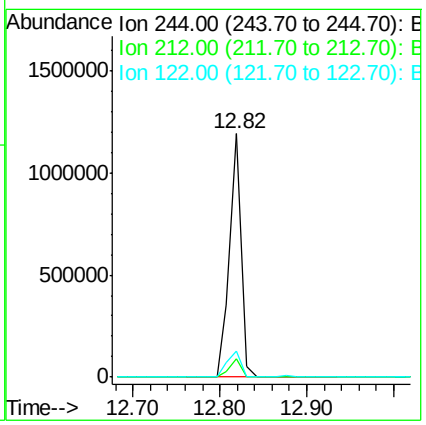


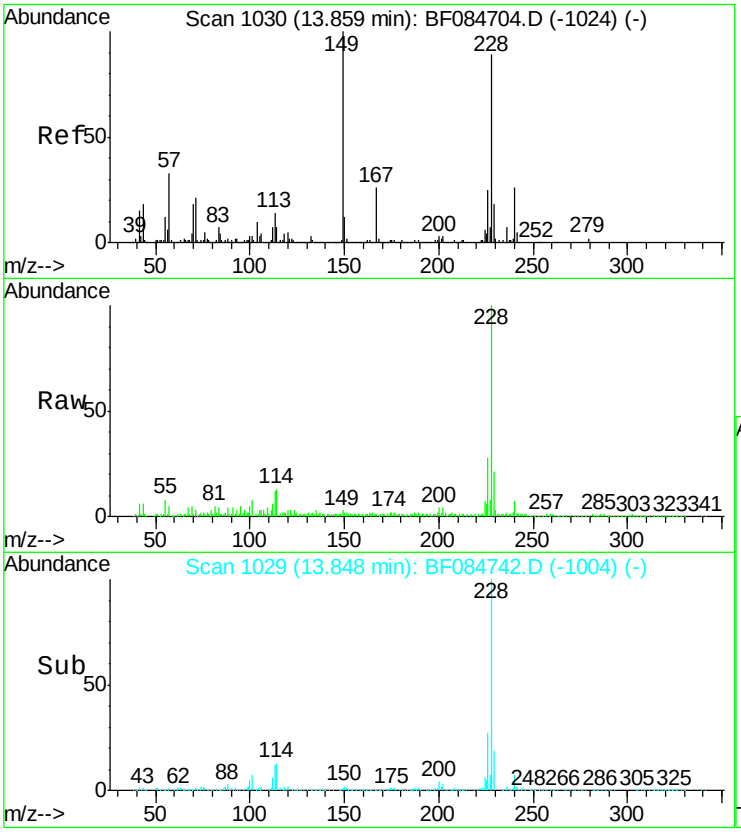


#78
Terphenyl-d14
Concen: 59.10 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:244 Resp: 1107239

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	10.9	7.4	11.0



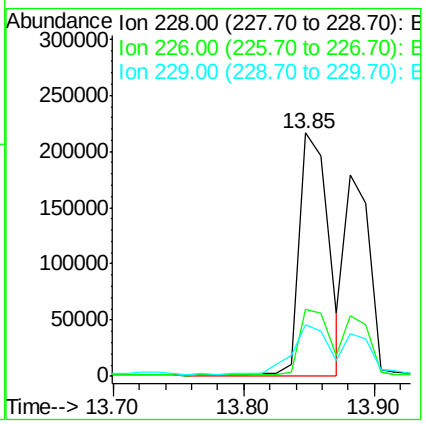


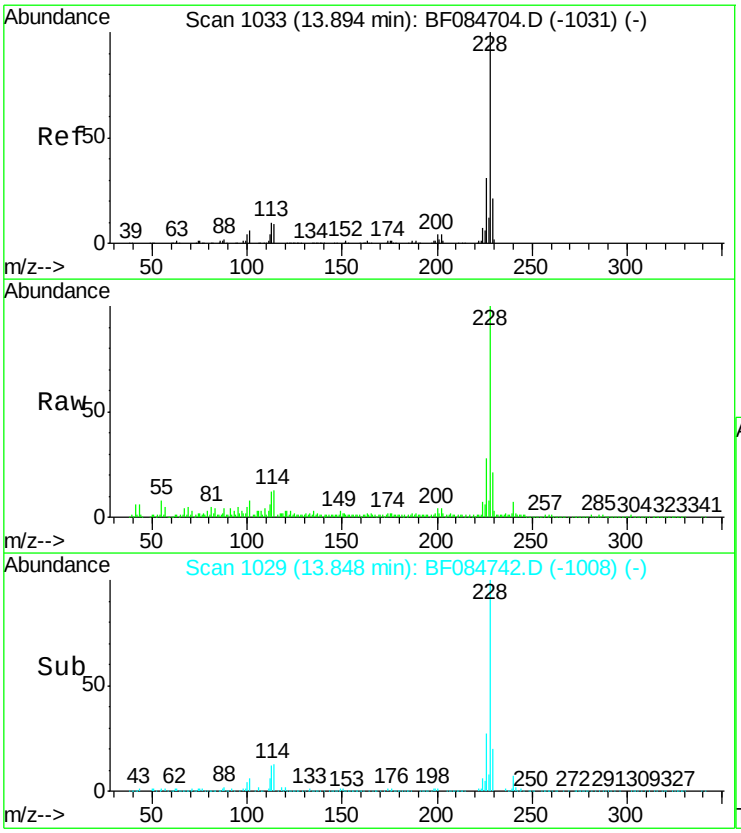
#80
Benzo(a)anthracene
Concen: 12.56 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:228 Resp: 330984

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	21.0	15.8	23.8

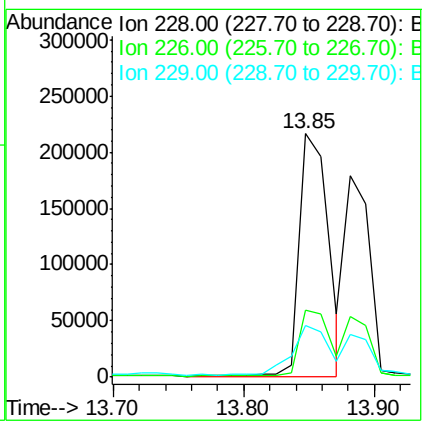


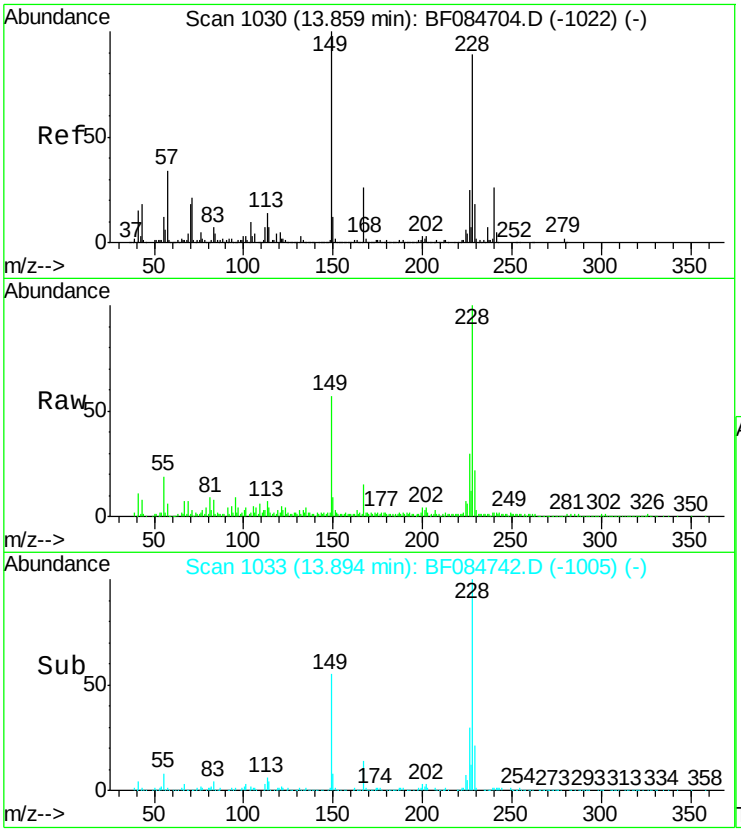


#82
Chrysene
Concen: 12.95 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.06 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:228 Resp: 330984

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.3	36.5
229	21.0	16.1	24.1



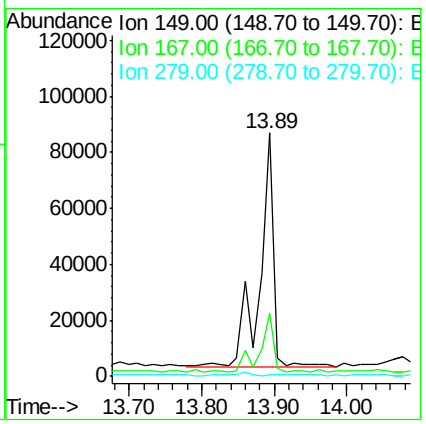


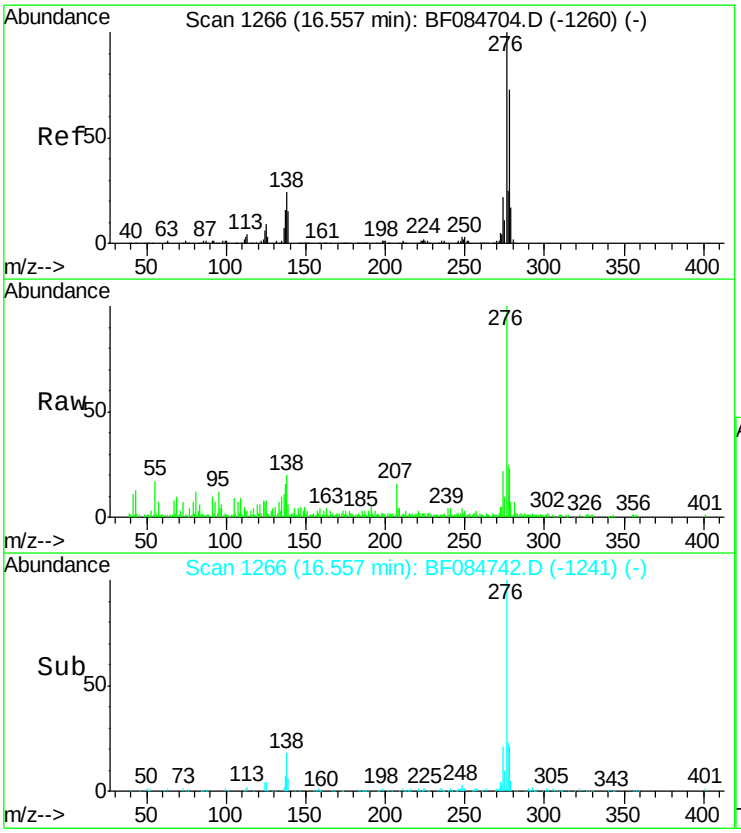
#83
Bis(2-ethylhexyl)phthalate
Concen: 6.29 ng
RT: 13.89 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:149 Resp: 115497

Ion	Ratio	Lower	Upper
149	100		
167	26.1	19.7	29.5
279	0.5	1.8	2.6#

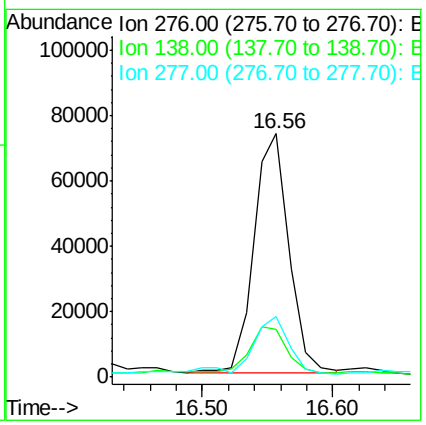


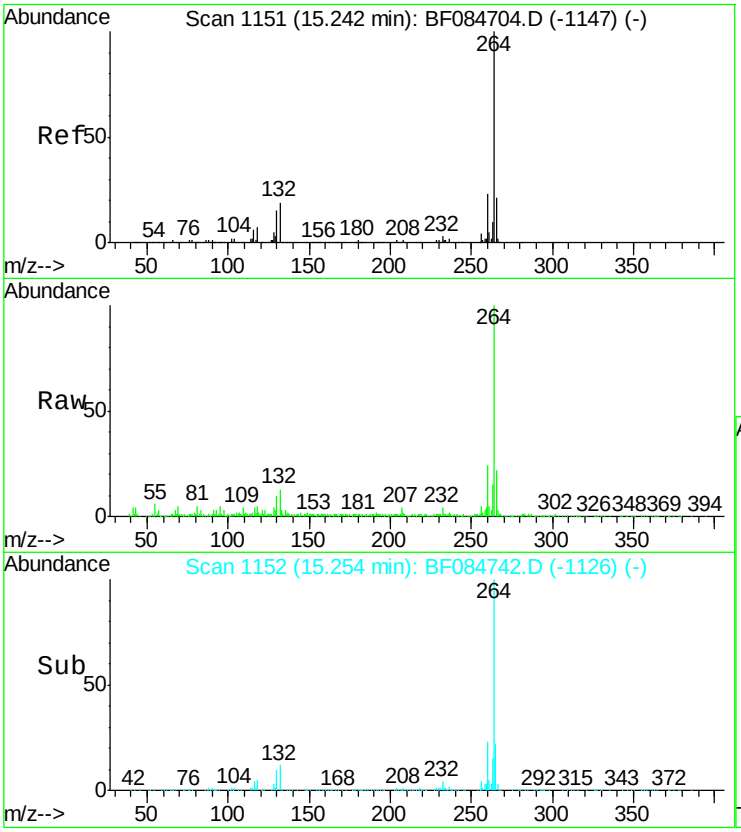


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.79 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:276 Resp: 136661

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.6	30.8
277	27.5	20.1	30.1



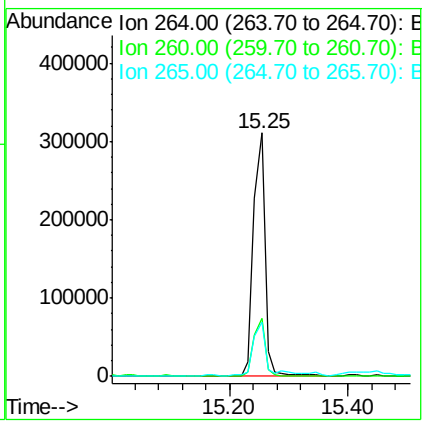


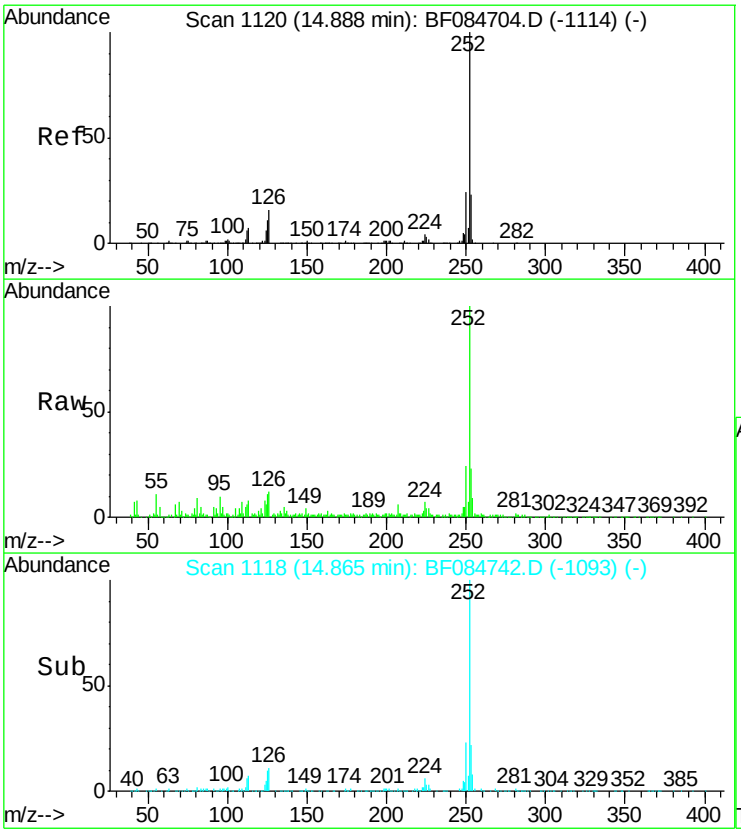
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:264 Resp: 416109

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.4	17.8	26.6

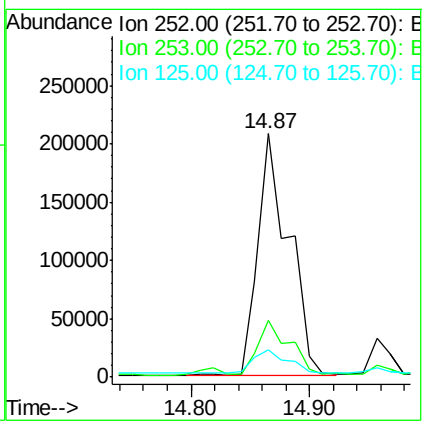


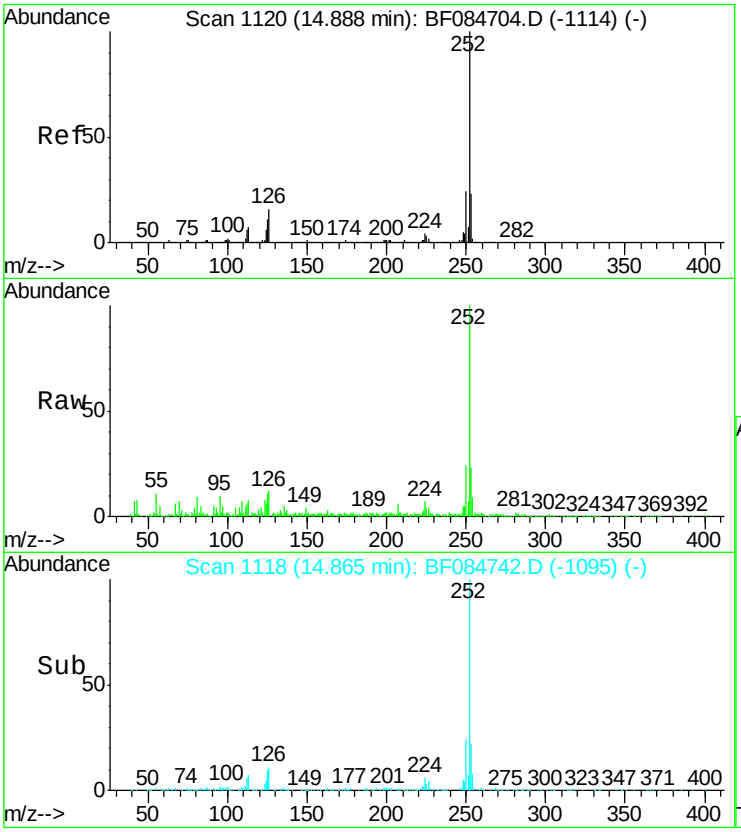


#87
Benzo(b)fluoranthene
Concen: 13.48 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:252 Resp: 376819

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.4	6.5	9.7#



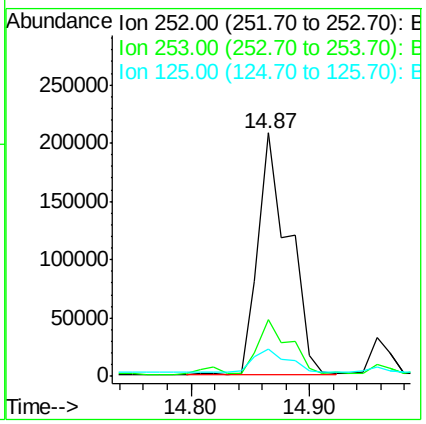


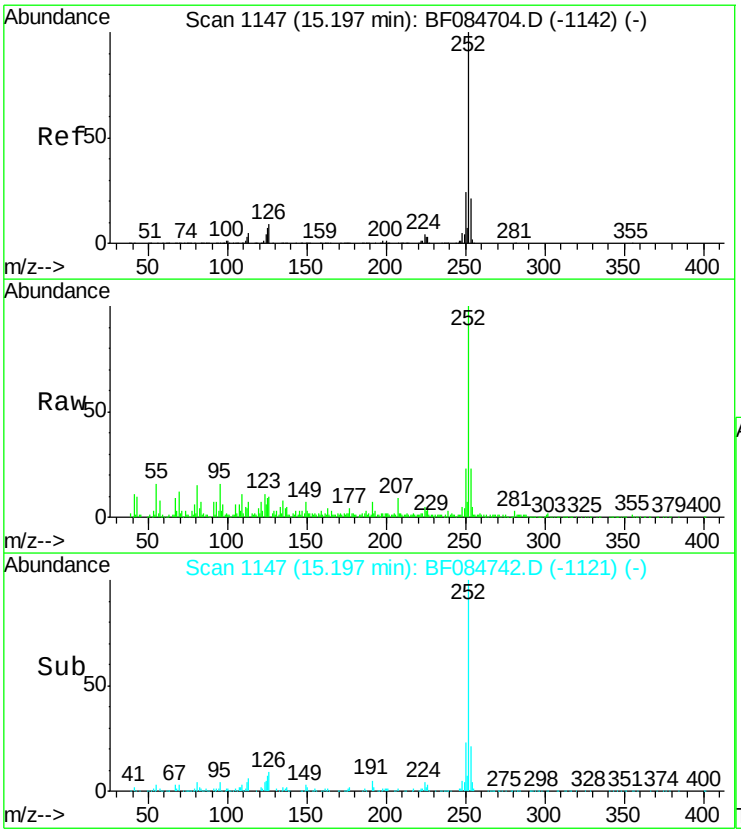
#88
Benzo(k)fluoranthene
Concen: 16.30 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:252 Resp: 376691

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.4	9.0	13.6

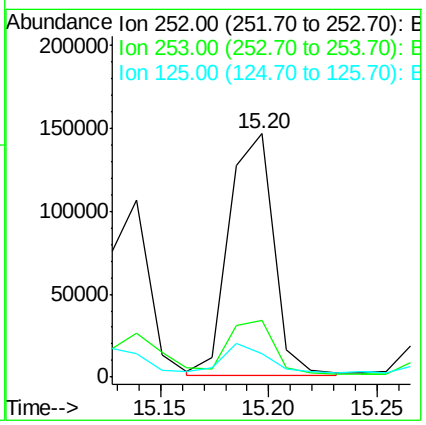


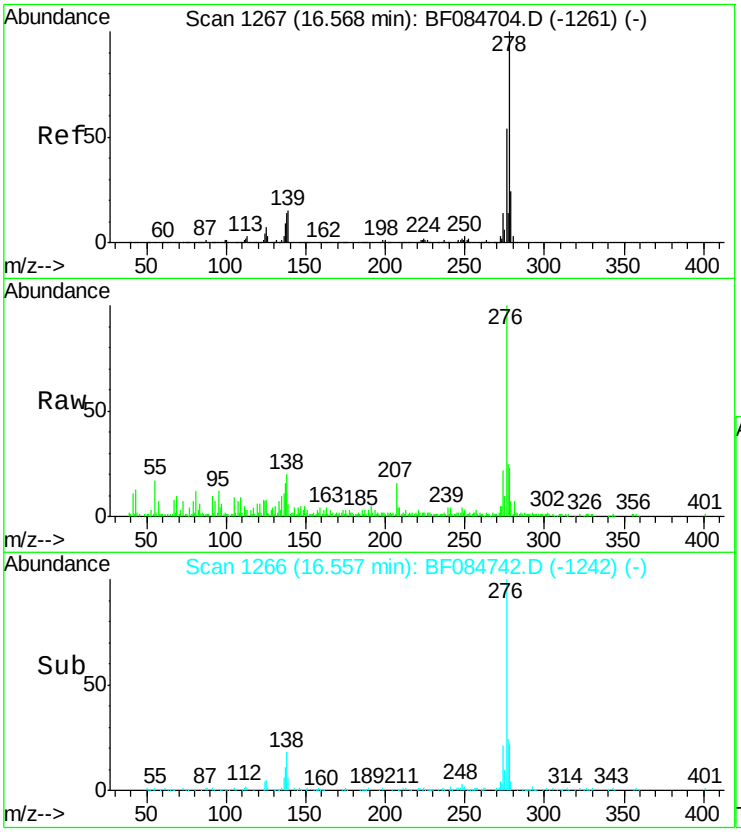


#89
Benzo(a)pyrene
Concen: 8.69 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:252 Resp: 207075

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	9.4	7.0	10.4



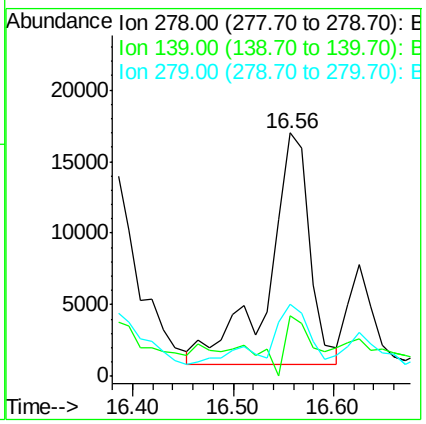


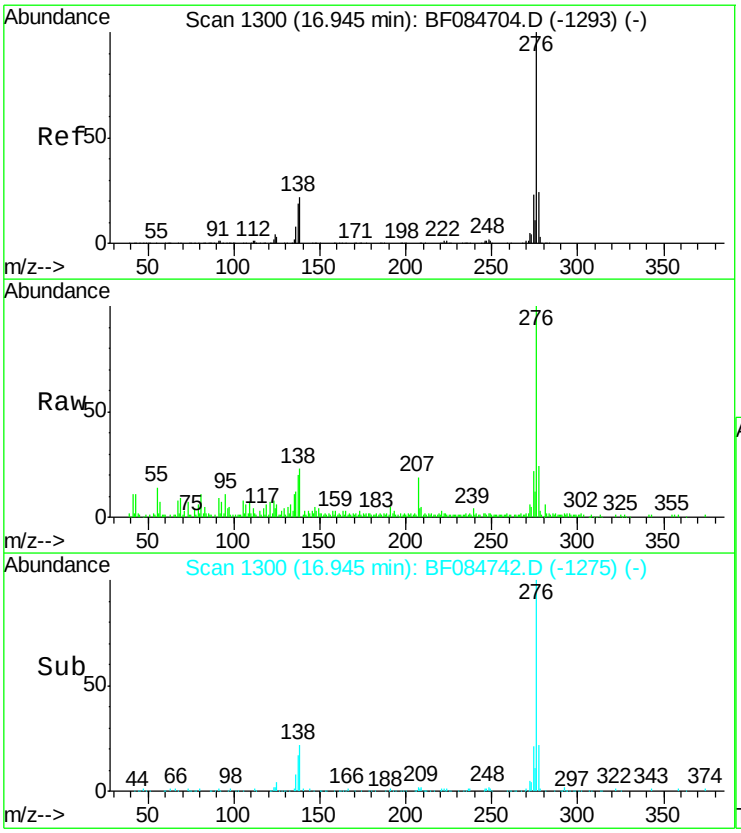
#90
Dibenzo(a,h)anthracene
Concen: 2.29 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Instrument :
BNA_F
ClientSampleId :
SW006

Tgt Ion:278 Resp: 45887

Ion	Ratio	Lower	Upper
278	100		
139	24.7	15.0	22.4#
279	29.7	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 6.40 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF084742.D
Acq: 2 Feb 2016 6:32

Tgt Ion:276 Resp: 129338

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	23.0	17.8	26.6