Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021016\
Data File : BF084989.D
Acq On : 10 Feb 2016 13:24
Operator : SJ/IZ
Sample : H1329-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B006(10-12)

Quant Time: Feb 10 16:32:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	161774	20.00	ng		-0.01
21) Naphthalene-d8	7.91	136	636977	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	268719	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	434813	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	314444	20.00	ng		0.00
86) Perylene-d12	15.13	264	277058	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1011486	97.39	ng		0.01
7) Phenol-d6	6.28	99	1516297	117.76	ng		0.00
23) Nitrobenzene-d5	7.20	82	944856	83.56	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	226323	80.74	ng		-0.01
44) 2-Fluorobiphenyl	8.99	172	1349508	84.34	ng		0.00
78) Terphenyl-d14	12.72	244	743984	53.62	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.20	70	130694	16.19	ng	#	77
49) Dimethylphthalate	9.39	163	189651	9.27	ng	#	90
51) Acenaphthene	9.69	154	43670	2.50	ng		97
57) Fluorene	10.20	166	44957	2.52	ng		98
66) 4-Bromophenyl-phenylether	10.44	248	16086	3.35	ng	#	1
70) Phenanthrene	11.17	178	649026	26.91	ng		99
71) Anthracene	11.21	178	171082	7.04	ng		99
72) Carbazole	11.37	167	47942	2.26	ng		99
74) Fluoranthene	12.34	202	714624	29.28	ng		99
76) Benzidine	12.45	184	1405	6.97	ng	#	1
77) Pyrene	12.57	202	708281	29.42	ng		99
79) Butylbenzylphthalate	13.20	149	58713	5.38	ng	#	77
80) Benzo(a)anthracene	13.76	228	419620	21.50	ng		96
82) Chrysene	13.76	228	419620	22.17	ng		99
85) Indeno(1,2,3-cd)pyrene	16.25	276	30875	2.07	ng		95
87) Benzo(b)fluoranthene	14.77	252	464676	24.96	ng	#	94
88) Benzo(k)fluoranthene	14.77	252	464676	30.19	ng		98
89) Benzo(a)pyrene	15.07	252	267873	16.89	ng	#	90
90) Dibenzo(a,h)anthracene	16.39	278	40649	3.04	ng	#	81
91) Benzo(g,h,i)perylene	16.77	276	148777	11.06	ng		96

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

Quantitation Report (Not Reviewed)

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Quant Time: Feb 10 16:32:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 13:28:51 2016
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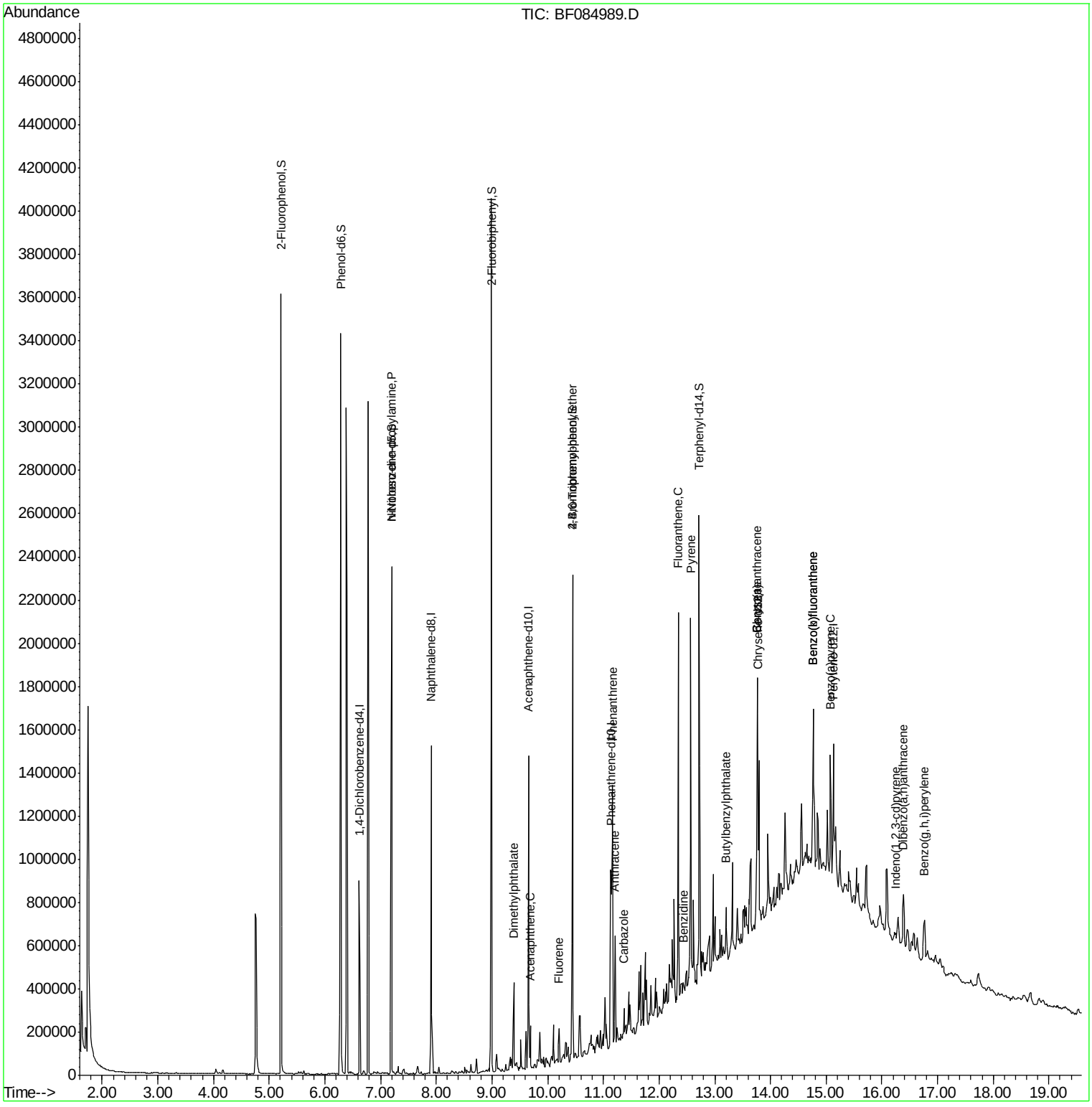
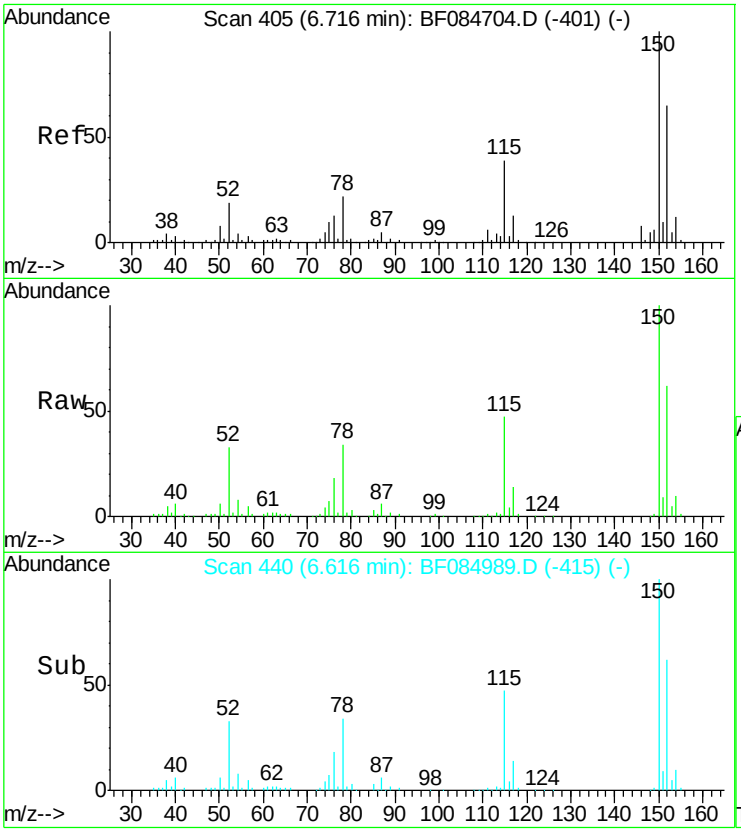


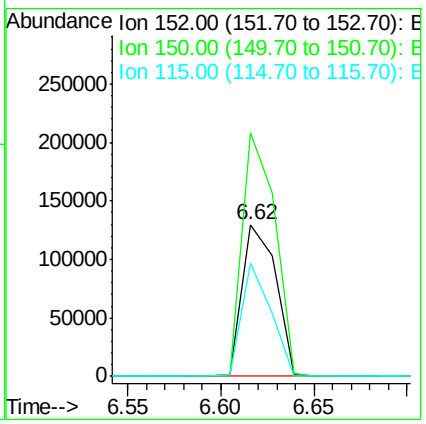


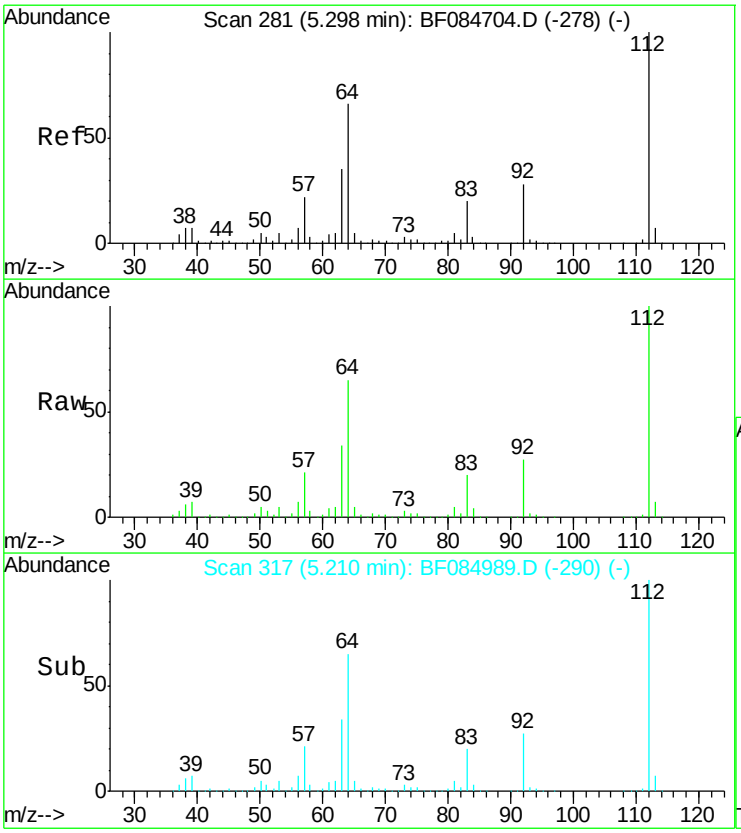
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:152 Resp: 161774

Ion	Ratio	Lower	Upper
152	100		
150	160.4	123.0	184.4
115	74.8	51.4	77.2

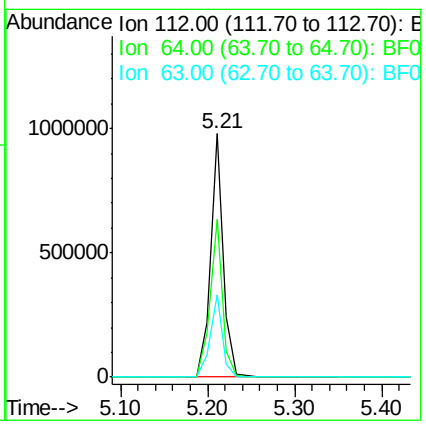


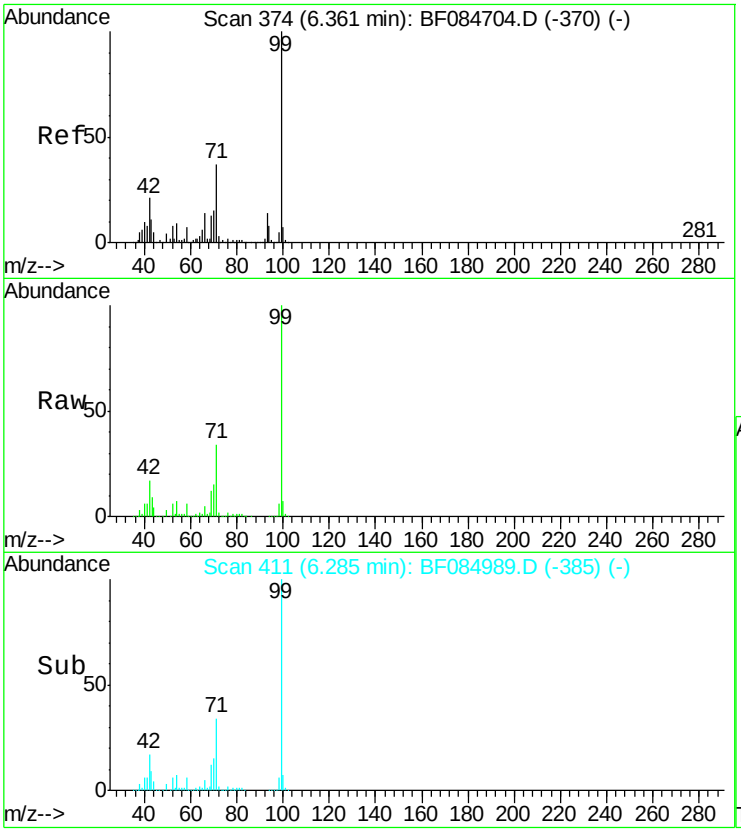


#5
2-Fluorophenol
Concen: 97.39 ng
RT: 5.21 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:112 Resp: 1011486

Ion	Ratio	Lower	Upper
112	100		
64	65.0	36.6	55.0#
63	34.0	19.4	29.0#



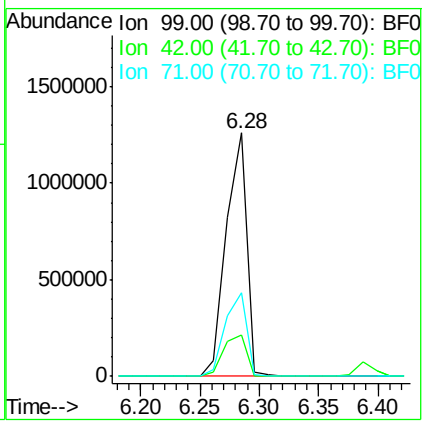


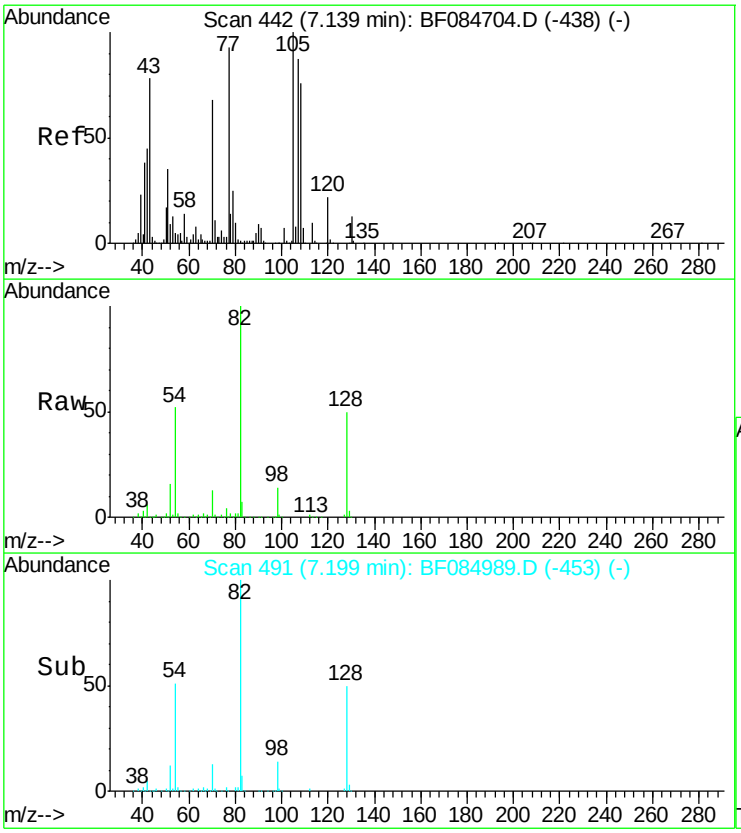
#7
Phenol-d6
Concen: 117.76 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion: 99 Resp: 1516297

Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.8	19.2
71	34.5	30.9	46.3

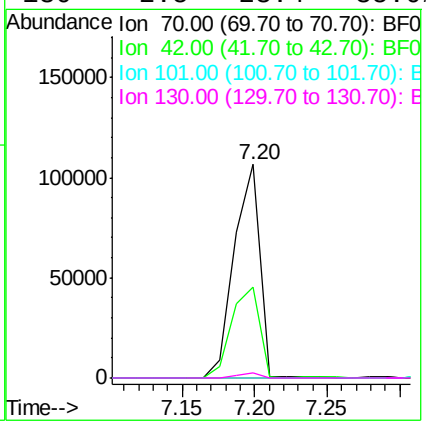


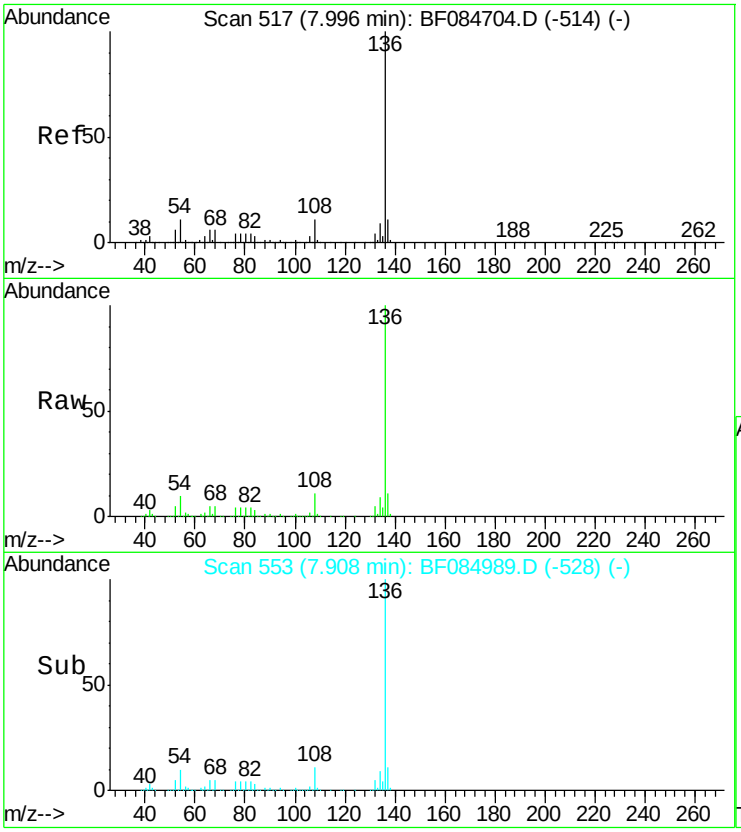


#19
n-Nitroso-di-n-propylamine
Concen: 16.19 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.14 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion: 70 Resp: 130694

Ion	Ratio	Lower	Upper
70	100		
42	42.6	33.3	49.9
101	0.0	9.3	13.9#
130	2.5	23.4	35.0#



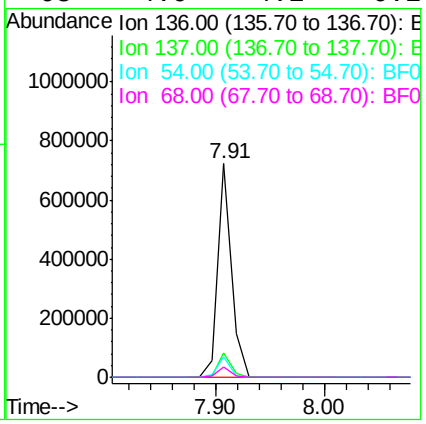


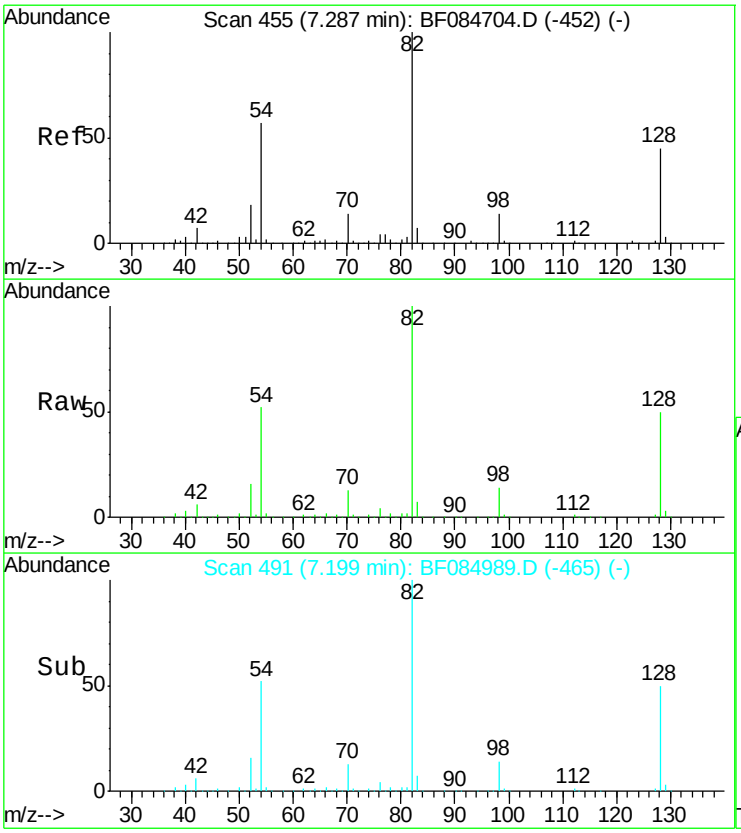
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:136 Resp: 636977

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	9.8	5.8	8.8#
68	4.9	4.2	6.2

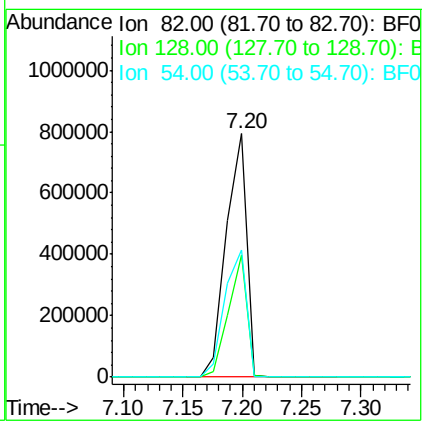


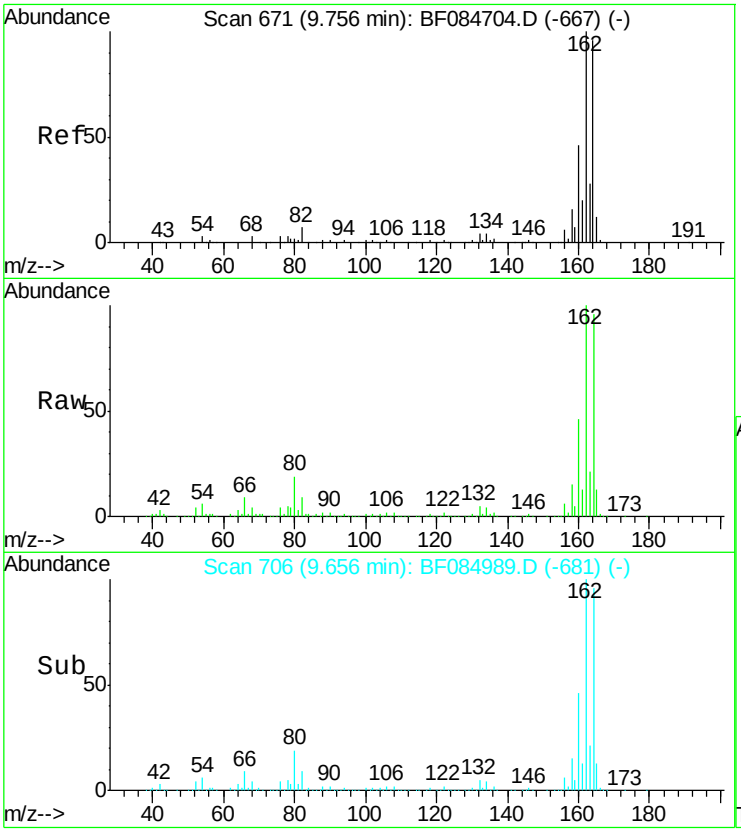


#23
Nitrobenzene-d5
Concen: 83.56 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion: 82 Resp: 944856

Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.6	51.8
54	52.0	38.4	57.6



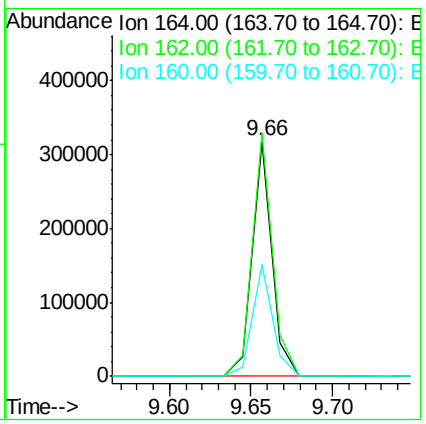


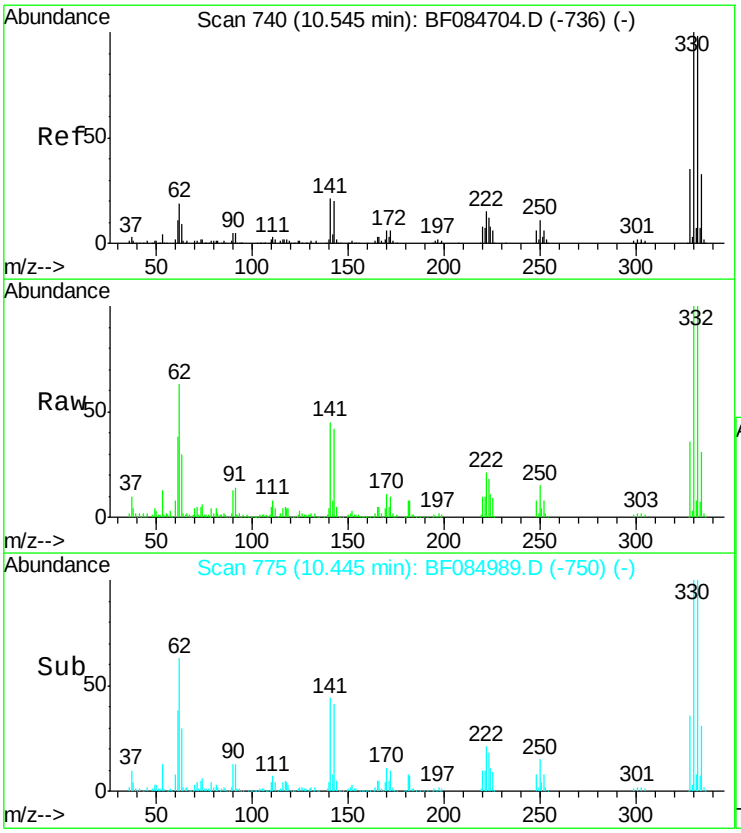
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:164 Resp: 268719

Ion	Ratio	Lower	Upper
164	100		
162	103.8	85.1	127.7
160	47.4	37.5	56.3

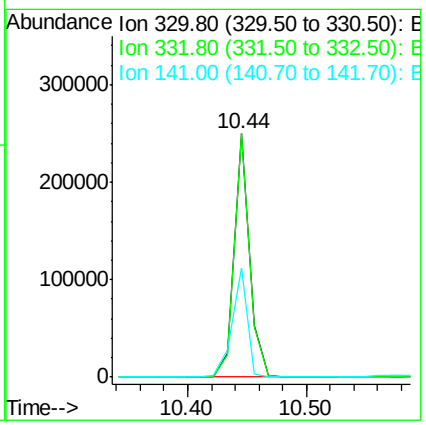


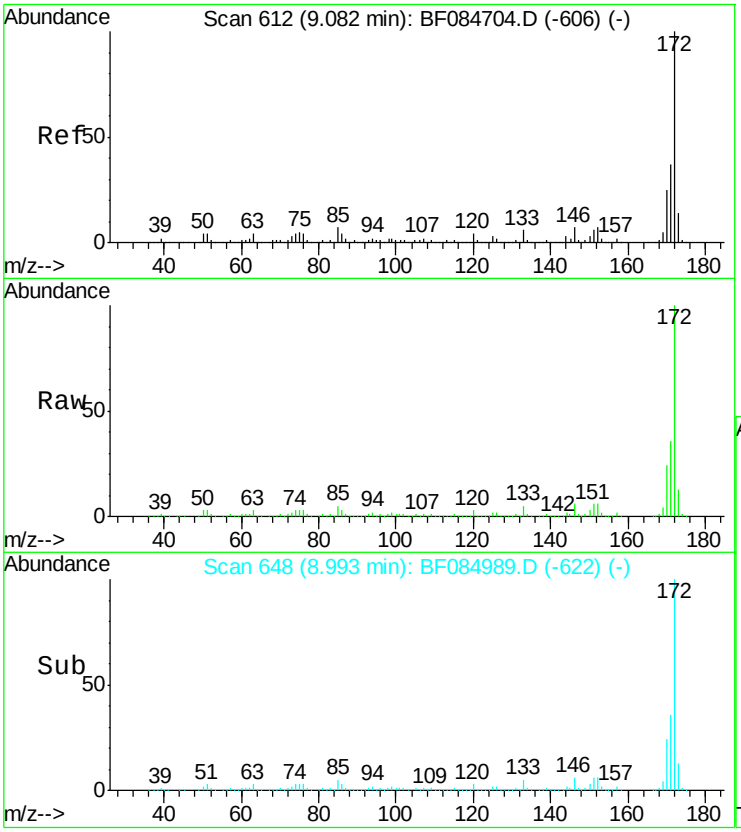


#41
2,4,6-Tribromophenol
Concen: 80.74 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:330 Resp: 226323

Ion	Ratio	Lower	Upper
330	100		
332	99.1	76.6	114.8
141	44.3	27.8	41.6#



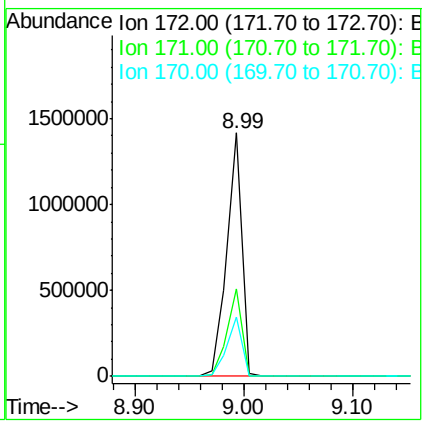


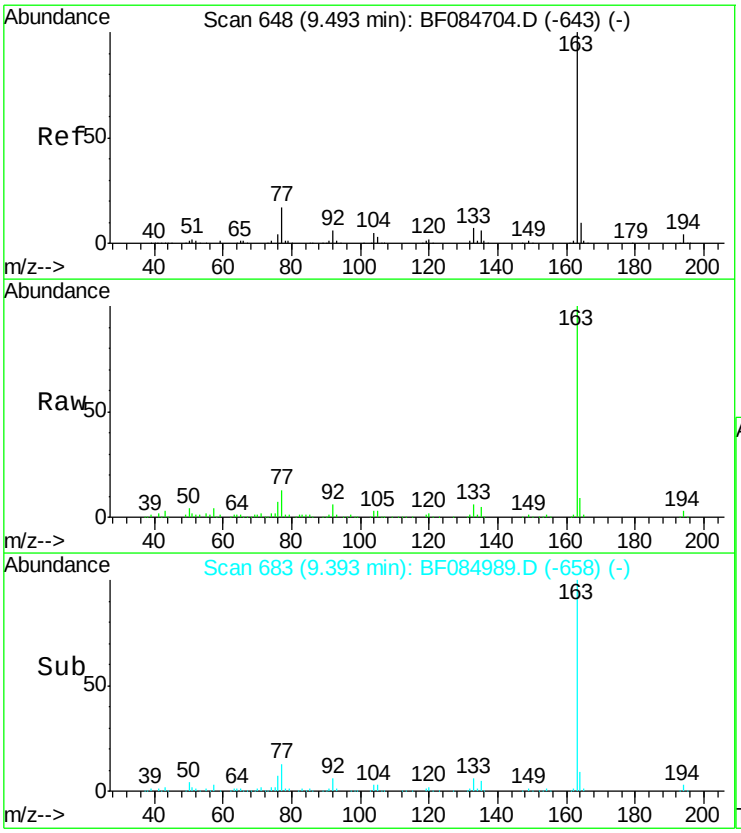
#44
2-Fluorobiphenyl
Concen: 84.34 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:172 Resp: 1349508

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.3	18.6	27.8

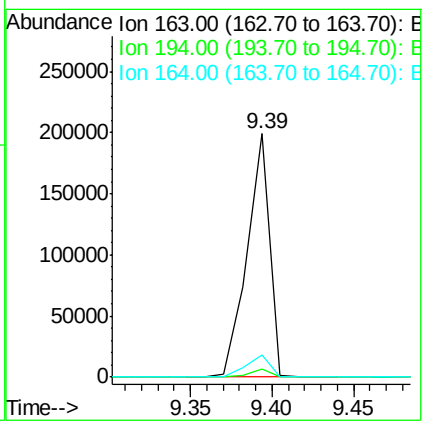


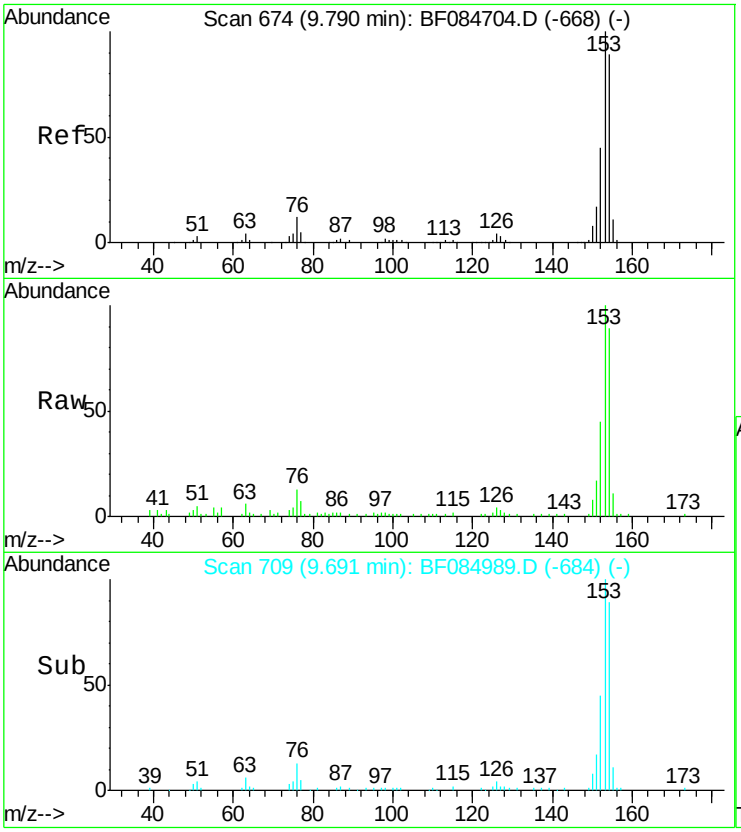


#49
Dimethylphthalate
Concen: 9.27 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:163 Resp: 189651

Ion	Ratio	Lower	Upper
163	100		
194	3.3	8.0	12.0#
164	9.1	8.0	12.0



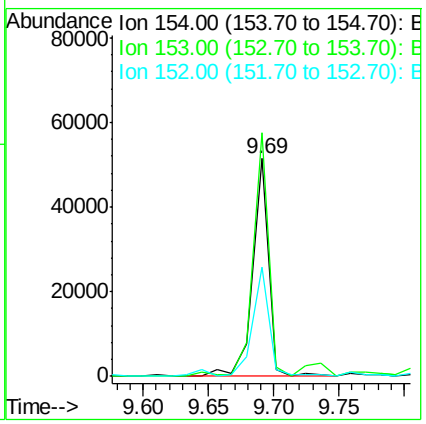


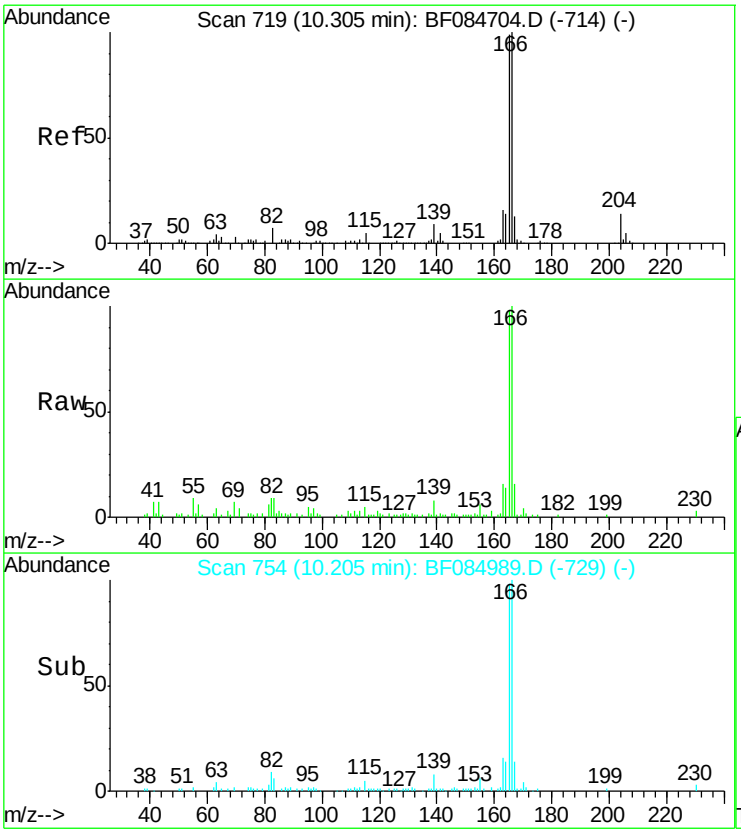
#51
Acenaphthene
Concen: 2.50 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:154 Resp: 43670

Ion	Ratio	Lower	Upper
154	100		
153	111.9	91.5	137.3
152	50.1	43.0	64.6

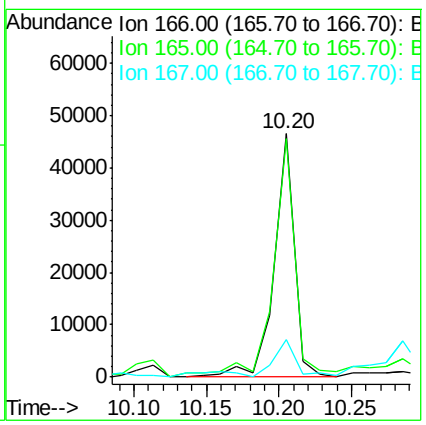


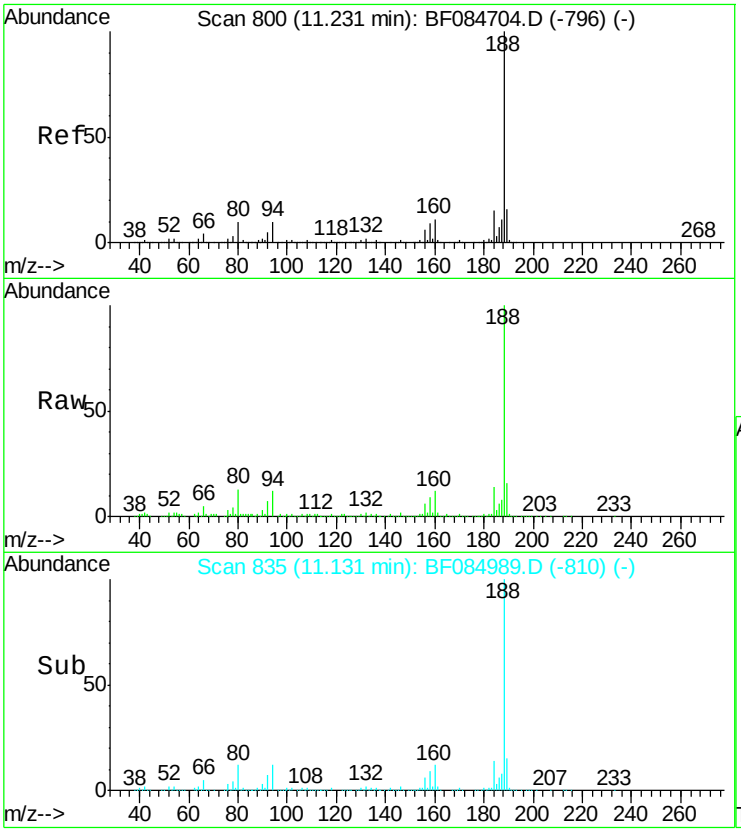


#57
Fluorene
Concen: 2.52 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:166 Resp: 44957

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	15.5	10.4	15.6



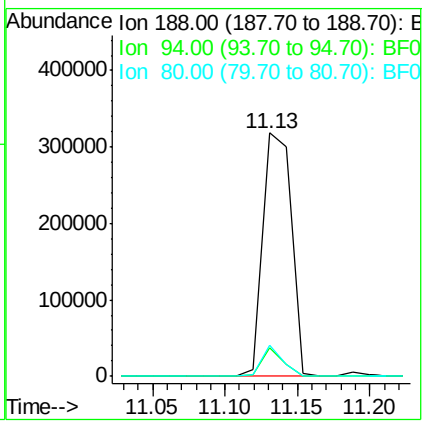


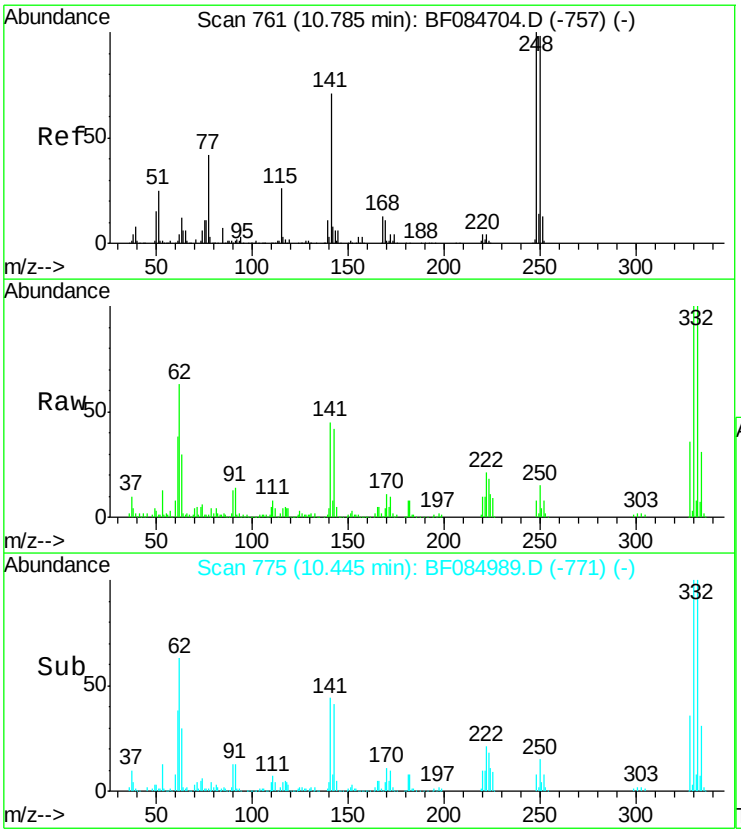
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:188 Resp: 434813

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.4
80	12.5	9.6	14.4

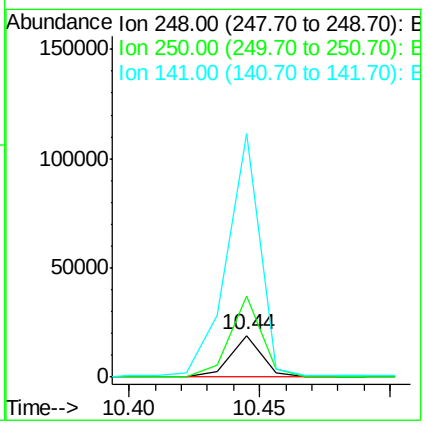


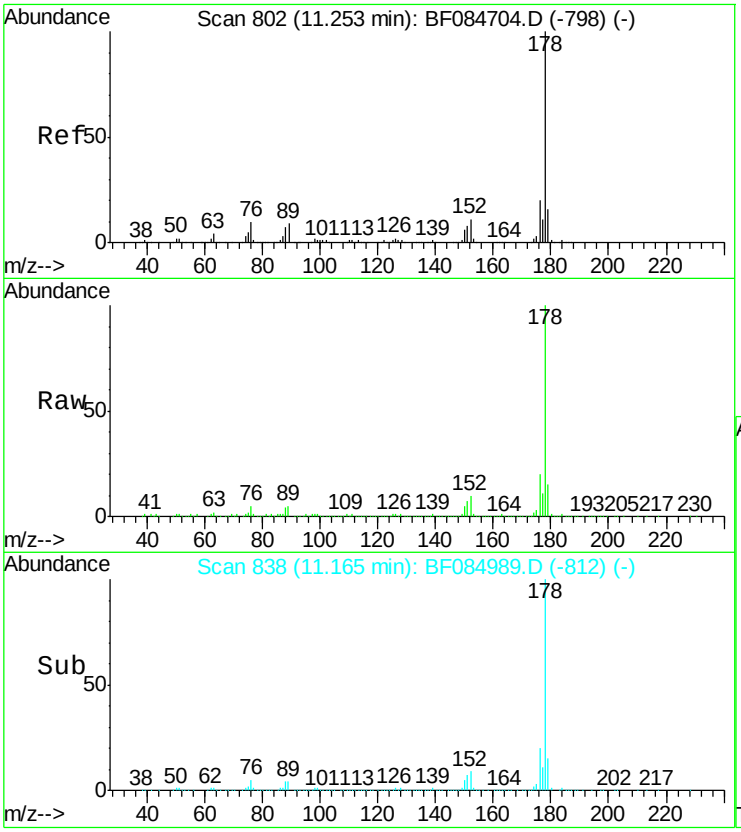


#66
4-Bromophenyl-phenylether
Concen: 3.35 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.25 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:248 Resp: 16086

Ion	Ratio	Lower	Upper
248	100		
250	195.4	78.4	117.6#
141	586.7	44.0	66.0#



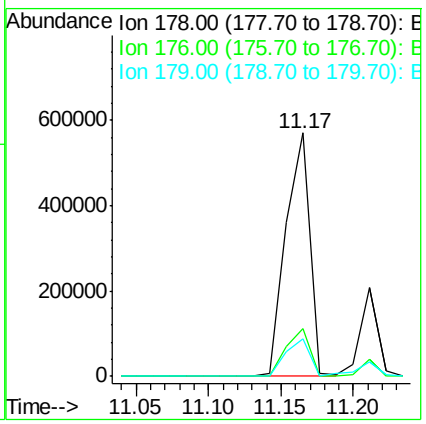


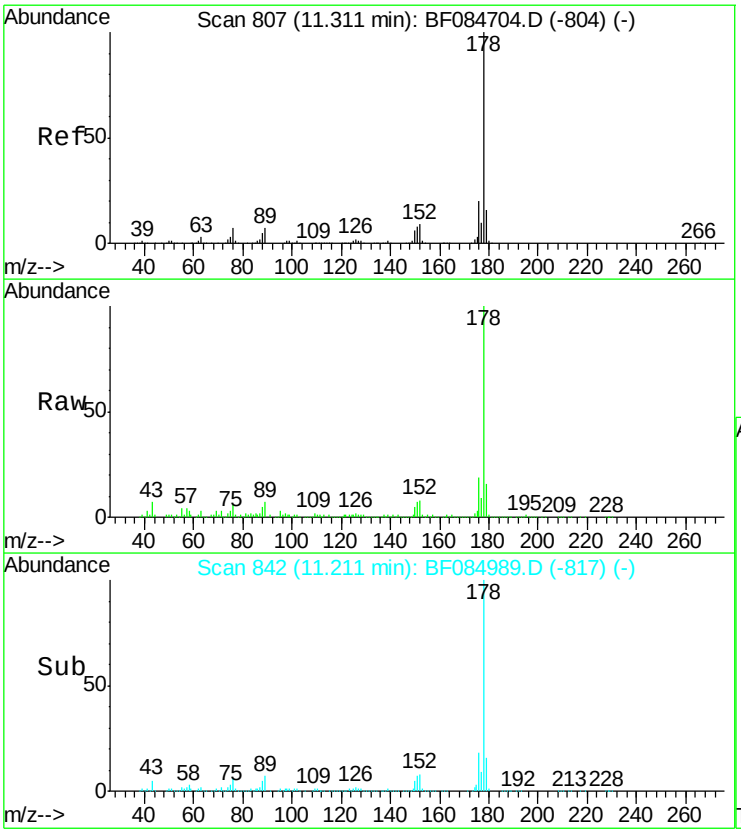
#70
Phenanthrene
Concen: 26.91 ng
RT: 11.17 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:178 Resp: 649026

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	15.3	12.0	18.0

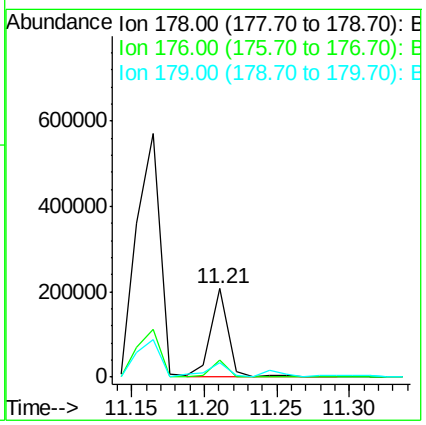


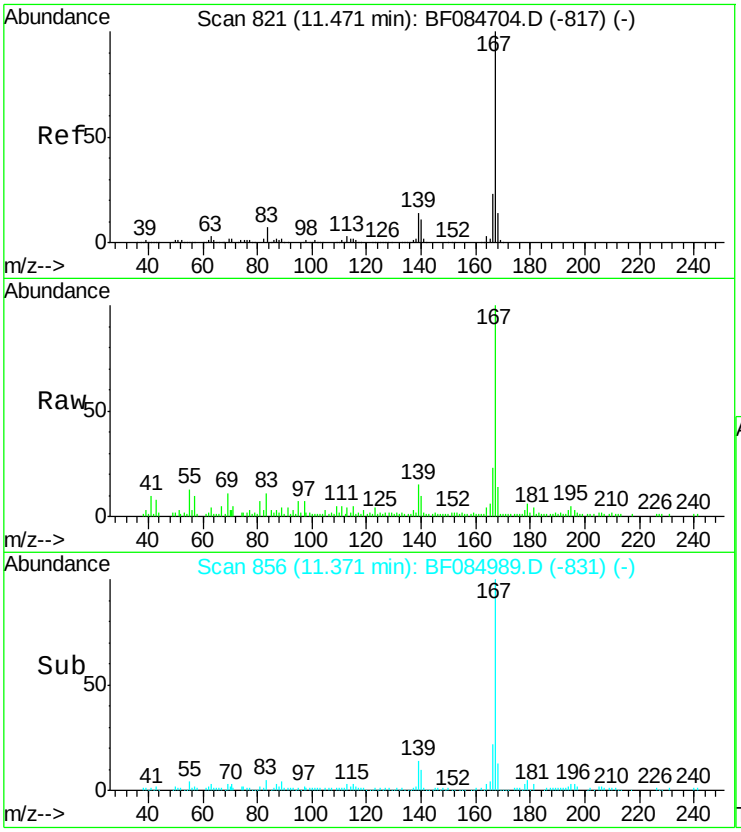


#71
Anthracene
Concen: 7.04 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:178 Resp: 171082

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	16.2	12.5	18.7



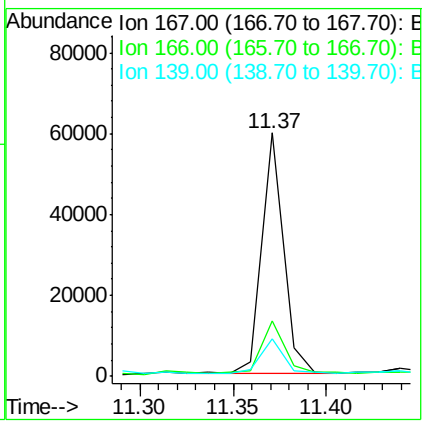


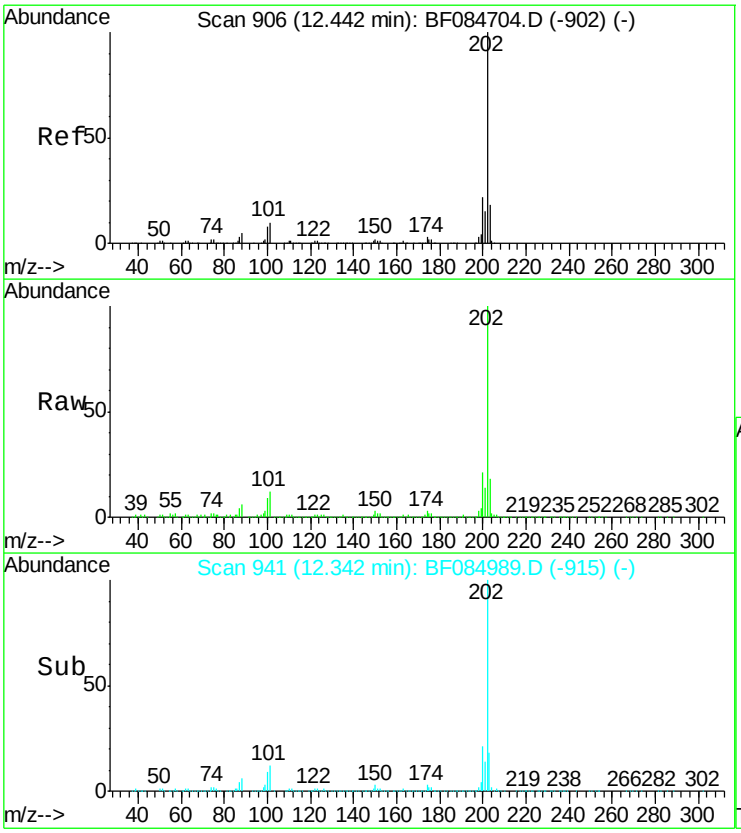
#72
Carbazole
Concen: 2.26 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:167 Resp: 47942

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	15.2	11.8	17.8

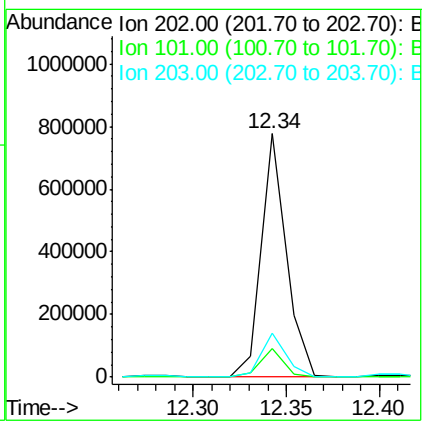


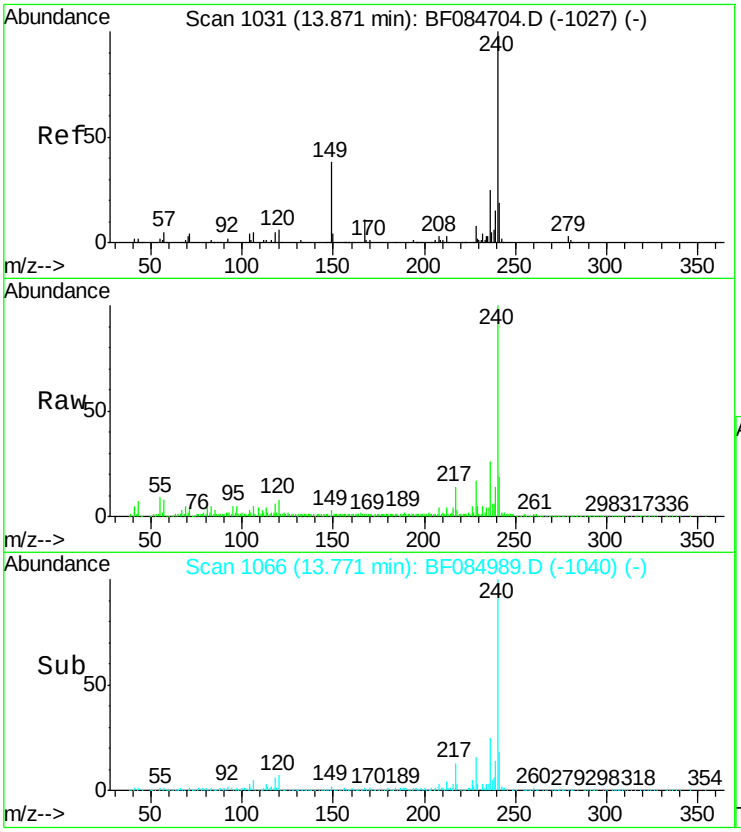


#74
Fluoranthene
Concen: 29.28 ng
RT: 12.34 min Scan# 941
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:202 Resp: 714624

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	32.8
203	18.0	0.0	37.9



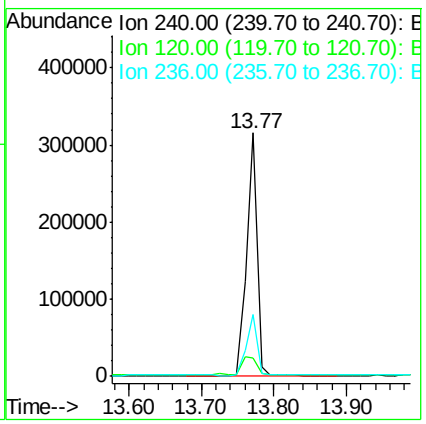


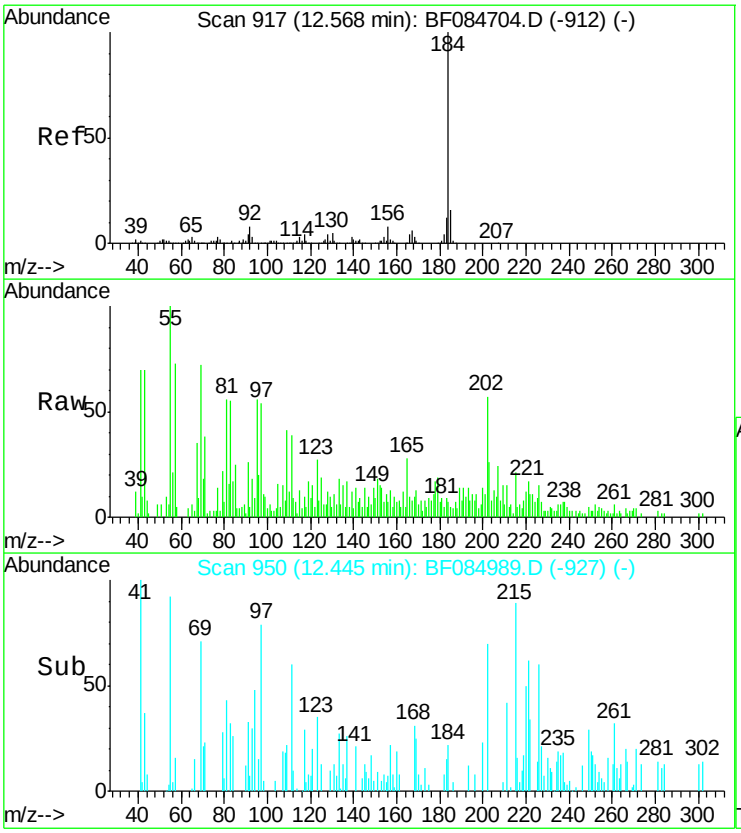
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:240 Resp: 314444

Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.5	14.3#
236	25.6	20.6	31.0

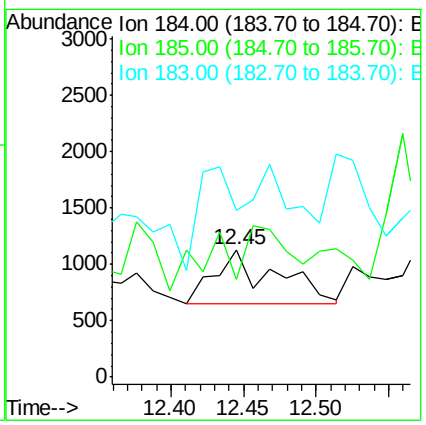


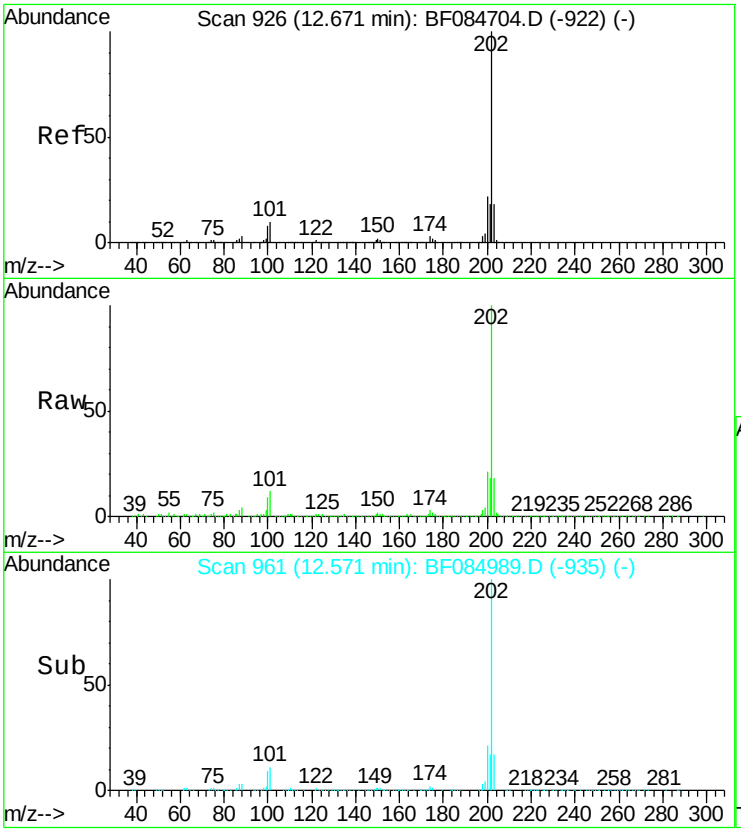


#76
Benzidine
Concen: 6.97 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.03 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:184 Resp: 1405

Ion	Ratio	Lower	Upper
184	100		
185	76.3	12.2	18.2#
183	130.8	9.8	14.8#



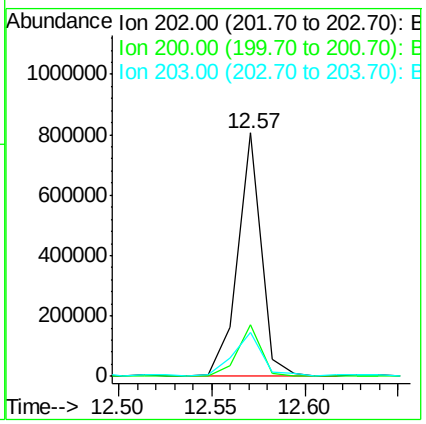


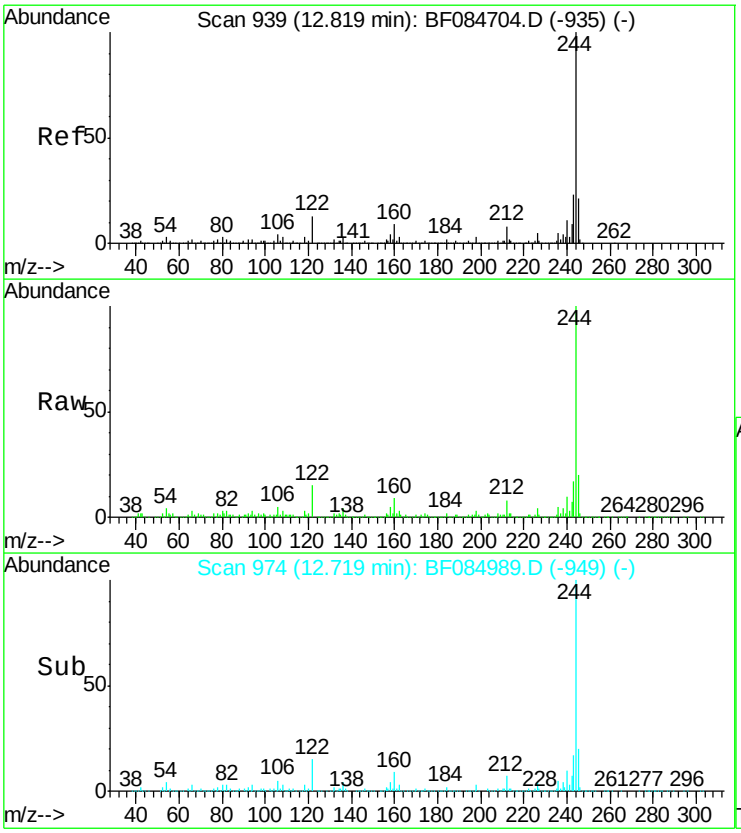
#77
Pyrene
Concen: 29.42 ng
RT: 12.57 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:202 Resp: 708281

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.2	25.8
203	17.9	14.3	21.5

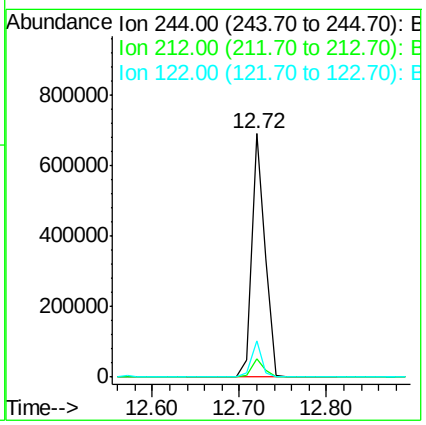


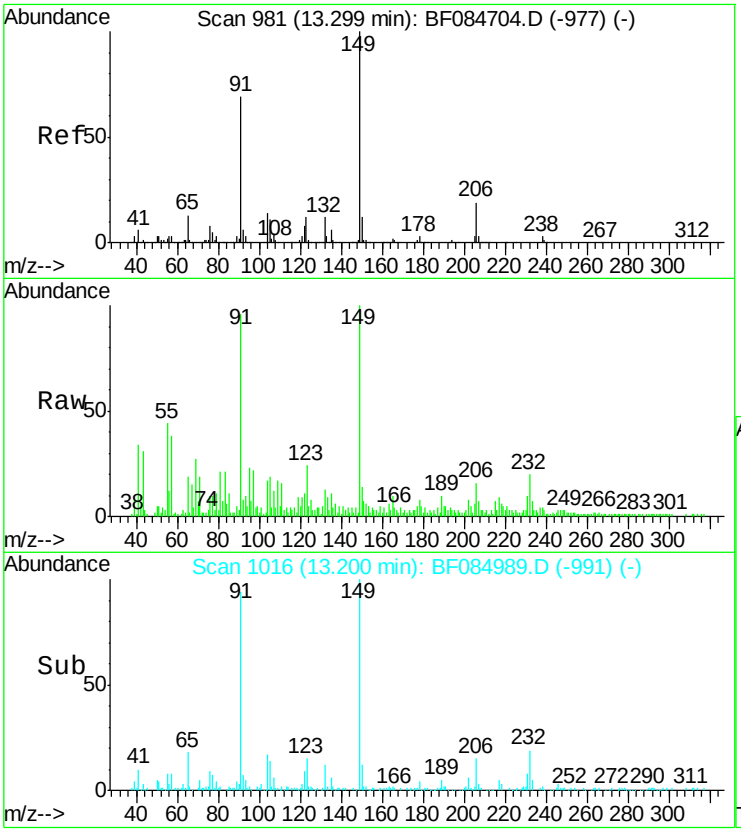


#78
Terphenyl-d14
Concen: 53.62 ng
RT: 12.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:244 Resp: 743984

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	15.0	7.4	11.0#



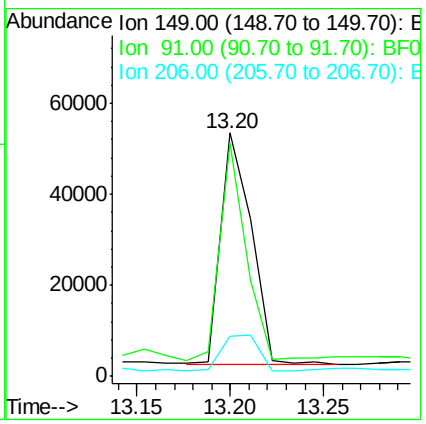


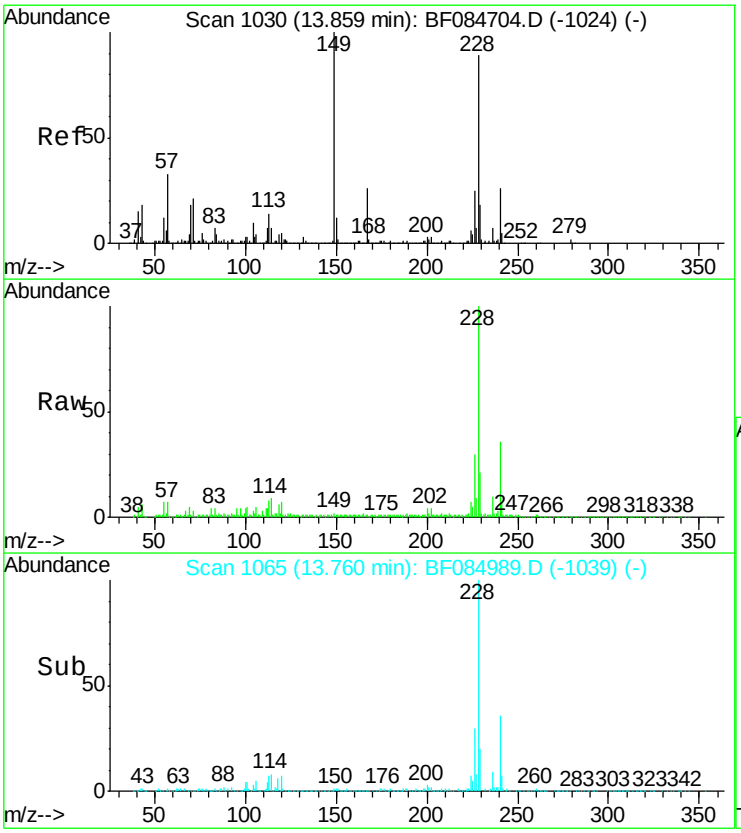
#79
Butylbenzylphthalate
Concen: 5.38 ng
RT: 13.20 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:149 Resp: 58713

Ion	Ratio	Lower	Upper
149	100		
91	95.9	57.6	86.4#
206	16.5	13.2	19.8

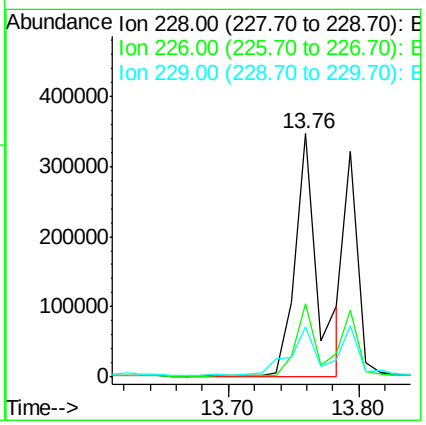


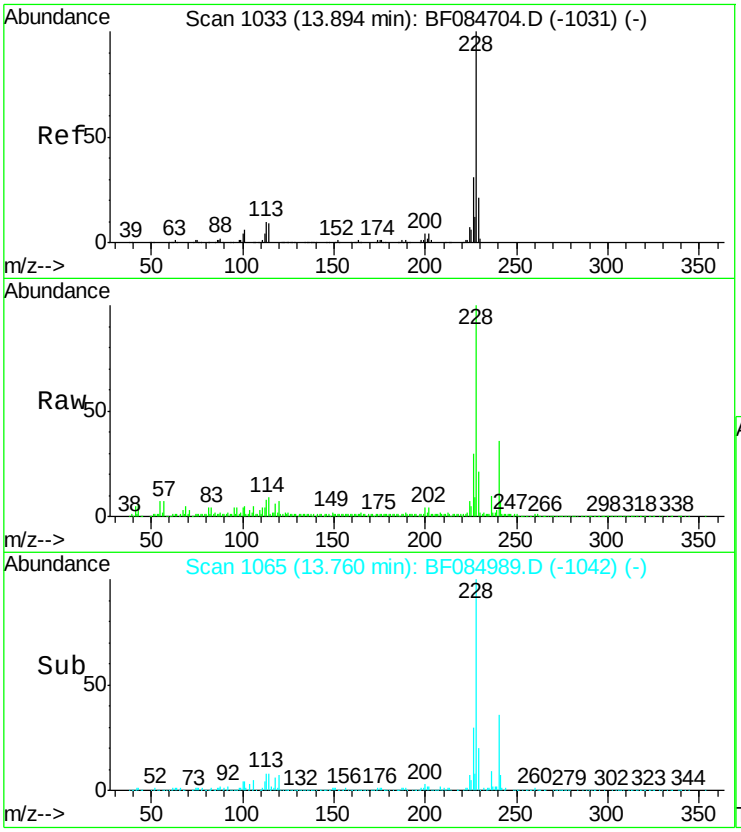


#80
Benzo(a)anthracene
Concen: 21.50 ng
RT: 13.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:228 Resp: 419620

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.8	32.6
229	20.6	15.8	23.8



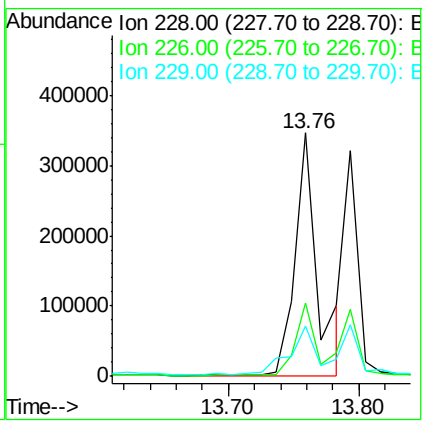


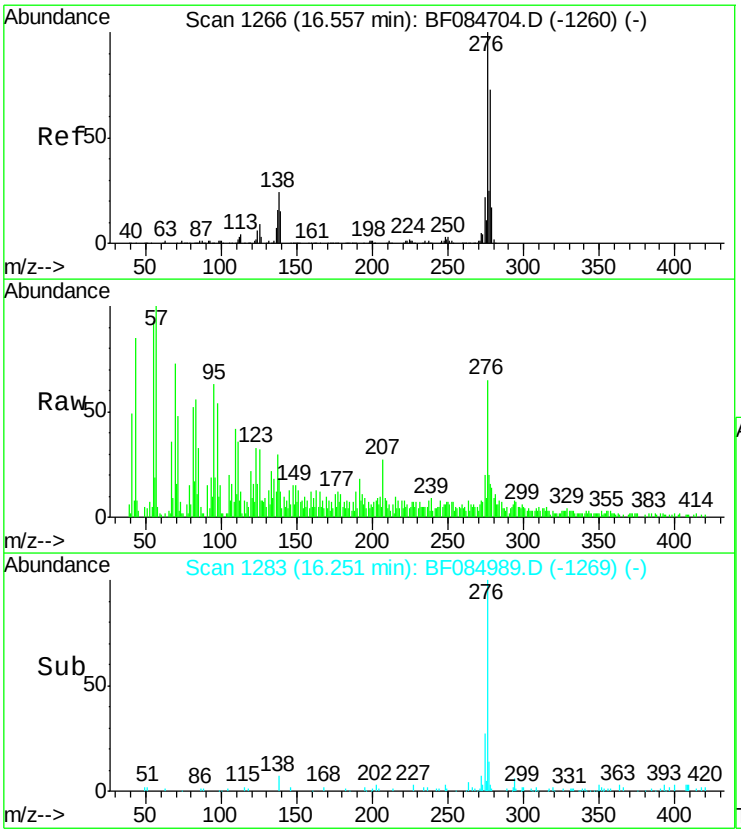
#82
Chrysene
Concen: 22.17 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.03 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:228 Resp: 419620

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.6	16.1	24.1

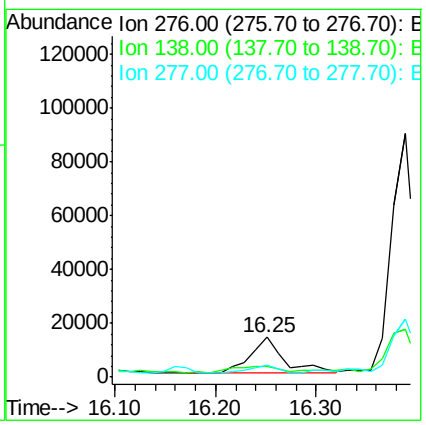


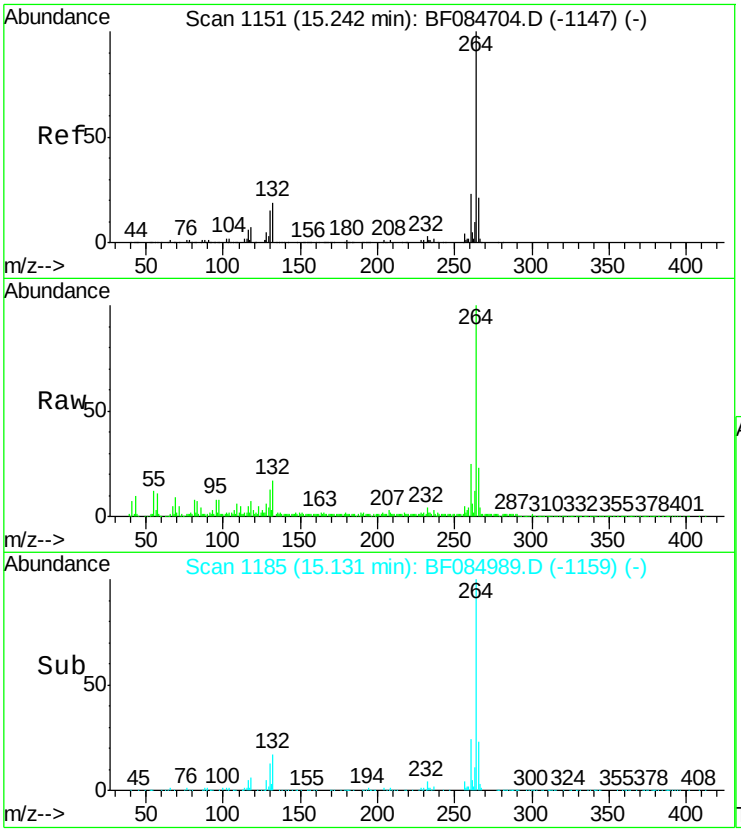


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.07 ng
RT: 16.25 min Scan# 1283
Delta R.T. -0.14 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:276 Resp: 30875

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.6	30.8
277	20.6	20.1	30.1



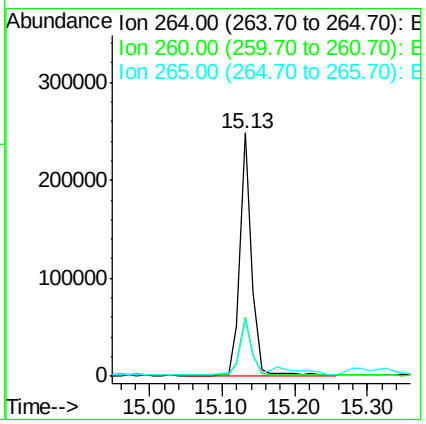


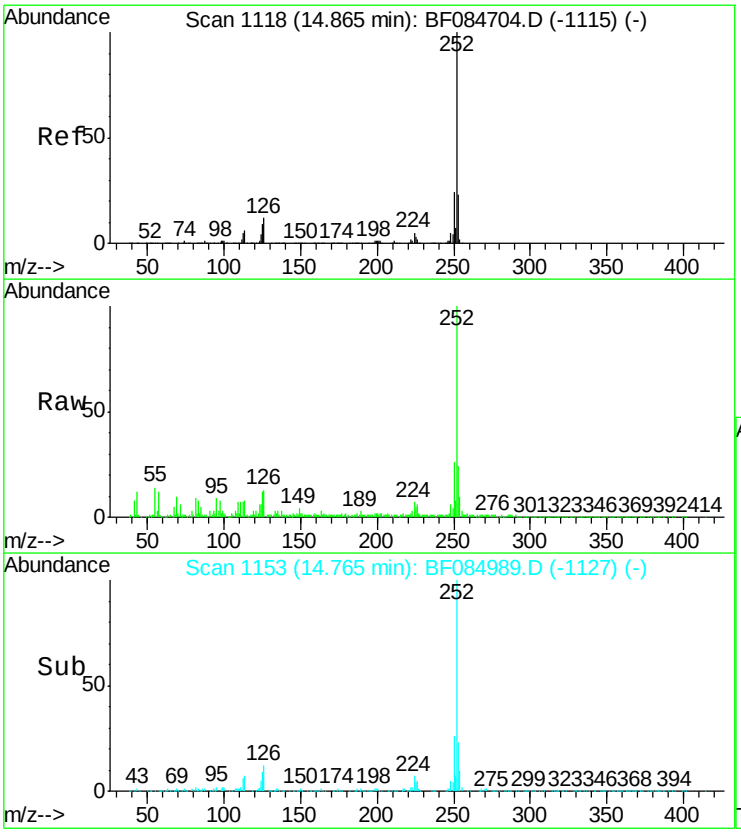
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:264 Resp: 277058

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	23.2	17.8	26.6

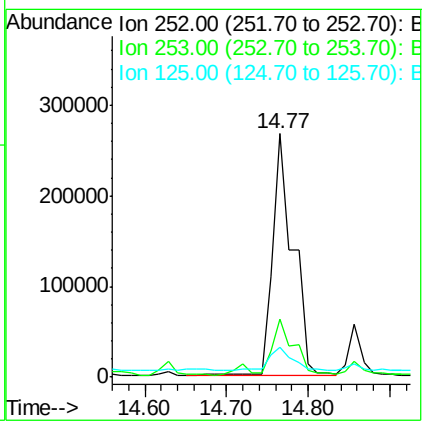


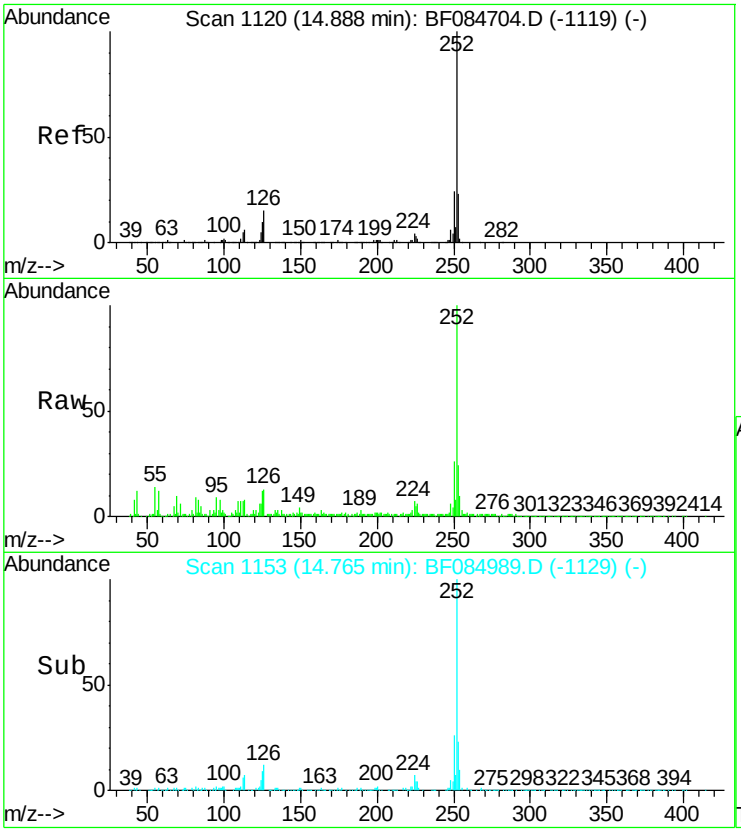


#87
Benzo(b)fluoranthene
Concen: 24.96 ng
RT: 14.77 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:252 Resp: 464676

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	12.2	6.5	9.7#



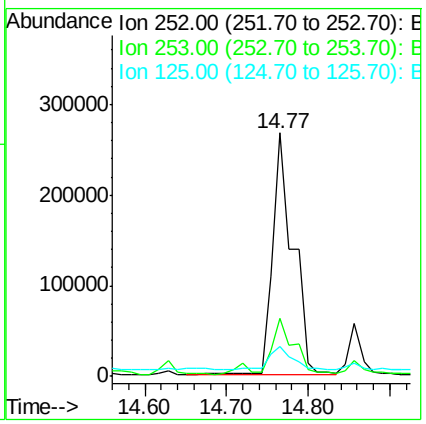


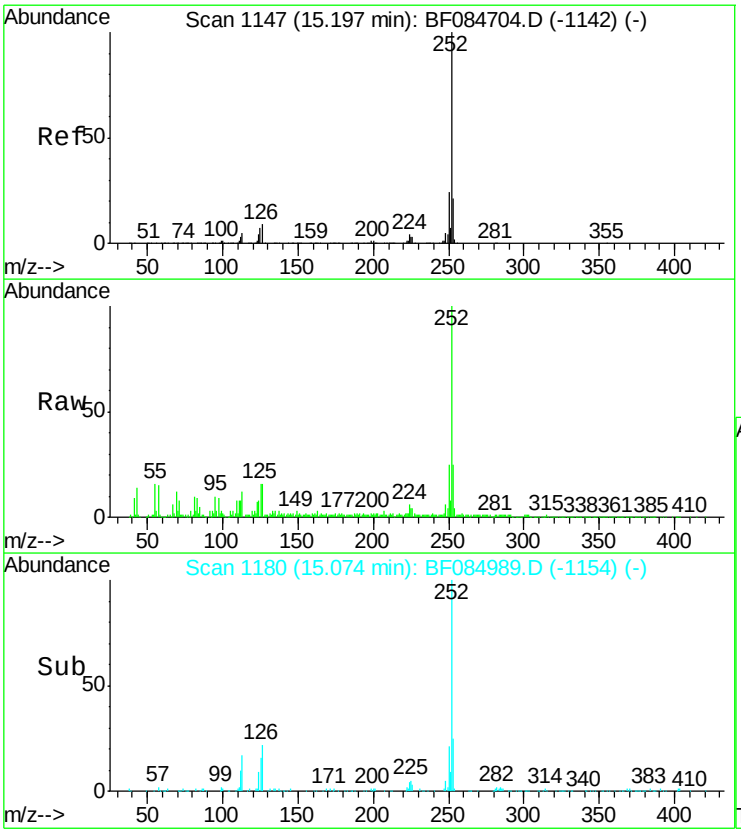
#88
Benzo(k)fluoranthene
Concen: 30.19 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:252 Resp: 464676

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	12.2	9.0	13.6

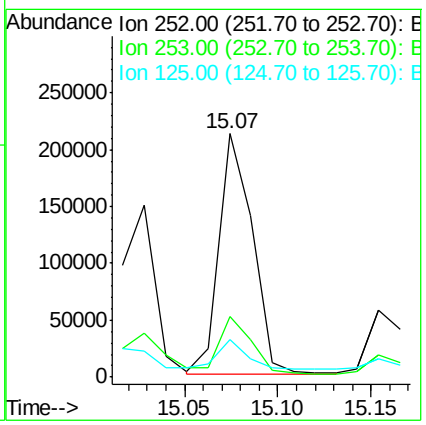


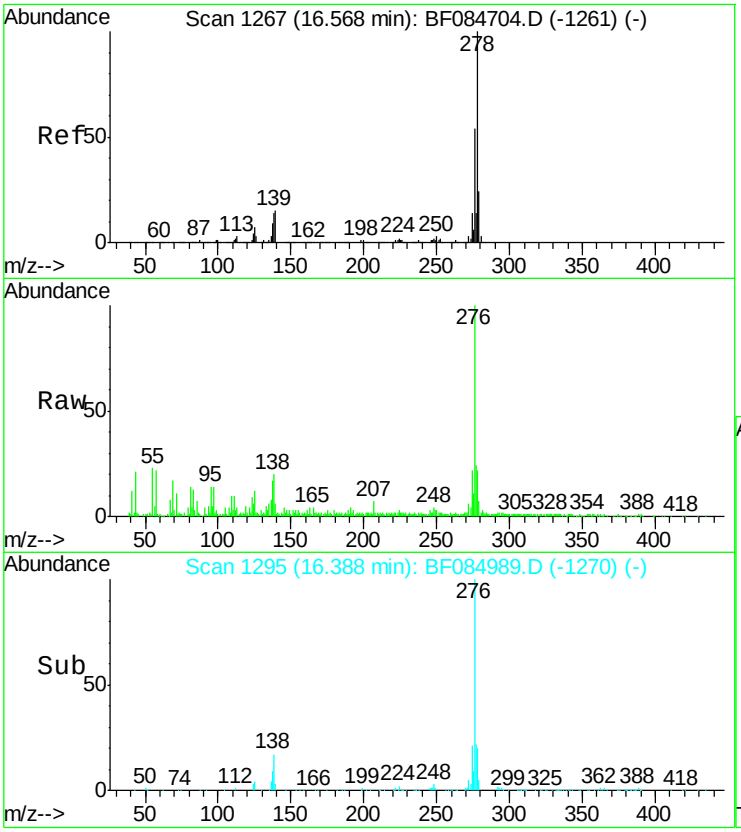


#89
Benzo(a)pyrene
Concen: 16.89 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:252 Resp: 267873

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.3	25.9
125	15.6	7.0	10.4#



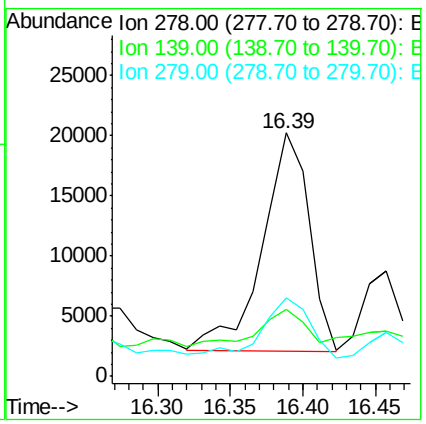


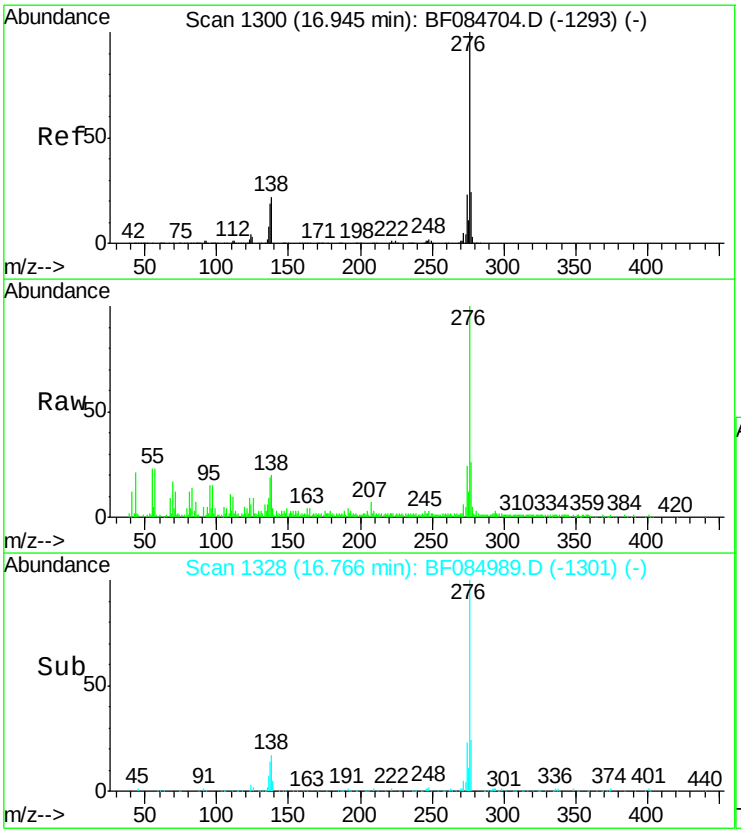
#90
Dibenzo(a,h)anthracene
Concen: 3.04 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Instrument :
BNA_F
ClientSampleId :
S4-B006(10-12)

Tgt Ion:278 Resp: 40649

Ion	Ratio	Lower	Upper
278	100		
139	27.5	15.0	22.4#
279	32.4	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 11.06 ng
RT: 16.77 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF084989.D
Acq: 10 Feb 2016 13:24

Tgt Ion:276 Resp: 148777

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.8	28.2
138	20.0	17.8	26.6