Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
Data File : BF084810.D
Acq On : 4 Feb 2016 3:12
Operator : SJ/IZ
Sample : H1312-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B036(25-27)

Quant Time: Feb 04 04:09:42 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	181225	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	771696	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	355426	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	627720	20.00	ng		0.00
75) Chrysene-d12	13.84	240	462174	20.00	ng		0.00
86) Perylene-d12	15.21	264	359644	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1011071	86.90	ng		0.00
7) Phenol-d6	6.34	99	1529857	106.06	ng		0.00
23) Nitrobenzene-d5	7.25	82	839488	61.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.51	330	287470	77.54	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	1503006	66.18	ng		0.00
78) Terphenyl-d14	12.80	244	1282378	62.88	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	115551	12.78	ng	#	72
31) Naphthalene	8.00	128	505495	13.06	ng		99
33) 4-Chloroaniline	8.00	127	67234	4.20	ng	#	35
37) 2-Methylnaphthalene	8.68	142	86615	3.58	ng		96
49) Dimethylphthalate	9.45	163	318060	11.75	ng	#	90
51) Acenaphthene	9.76	154	96518	4.18	ng		98
54) Dibenzofuran	9.93	168	115018	4.08	ng		98
57) Fluorene	10.27	166	130185	5.53	ng		97
66) 4-Bromophenyl-phenylether	10.51	248	19774	2.85	ng	#	1
70) Phenanthrene	11.23	178	1139722	32.74	ng		98
71) Anthracene	11.28	178	308000	8.78	ng		99
72) Carbazole	11.44	167	103873	3.40	ng		99
74) Fluoranthene	12.41	202	764286	21.69	ng		99
76) Benzidine	12.79	184	18126	7.63	ng		96
77) Pyrene	12.64	202	805390	22.76	ng		99
80) Benzo(a)anthracene	13.83	228	370082	12.90	ng		98
82) Chrysene	13.83	228	370082	13.30	ng		95
85) Indeno(1,2,3-cd)pyrene	16.49	276	78915	3.60	ng		96
87) Benzo(b)fluoranthene	14.83	252	277290	11.48	ng	#	97
88) Benzo(k)fluoranthene	14.83	252	276837	13.86	ng		99
89) Benzo(a)pyrene	15.15	252	164310	7.98	ng	#	97
91) Benzo(g,h,i)perylene	16.88	276	82233	4.71	ng		98

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

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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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SUP-B036(25-27)

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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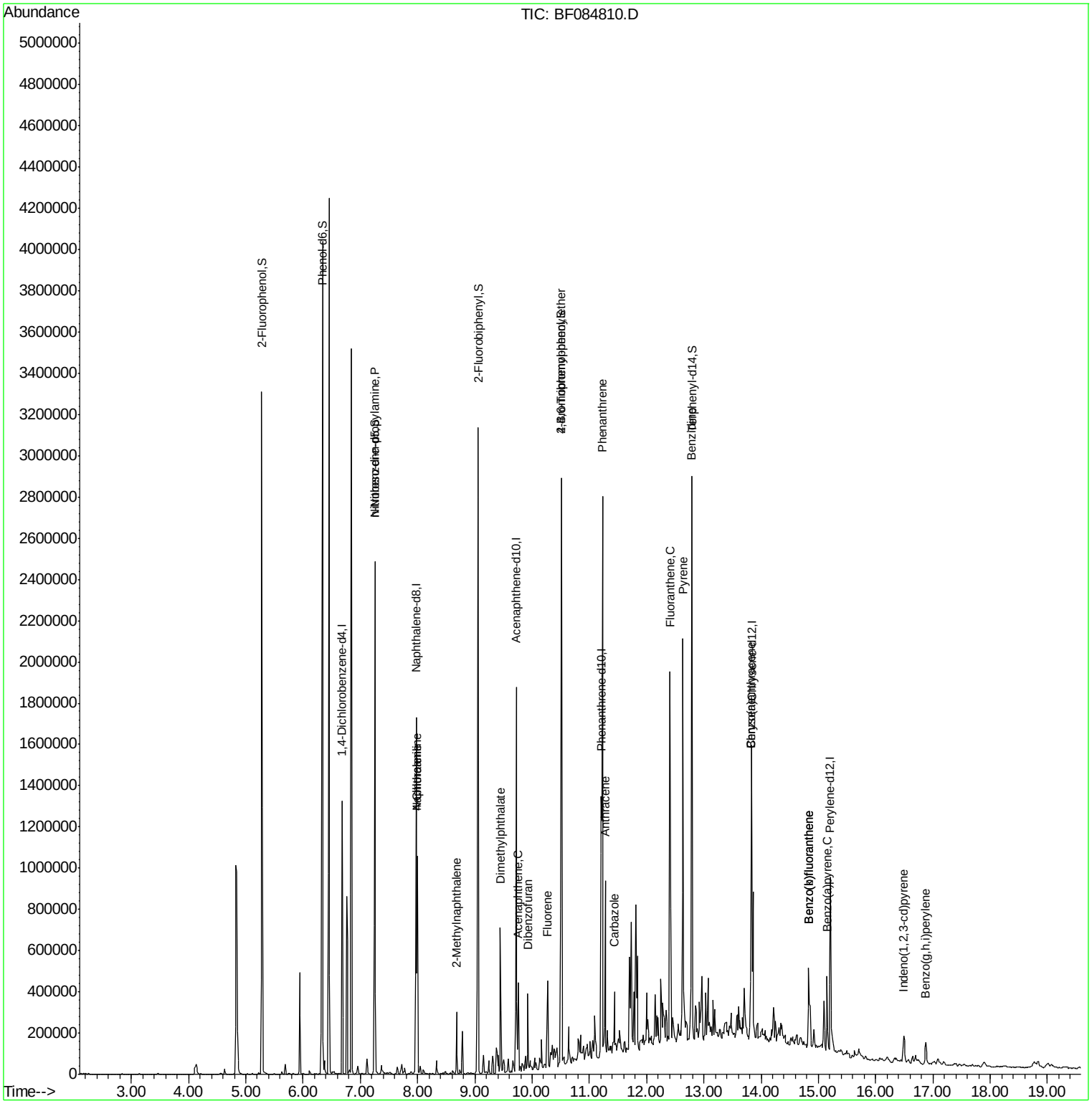
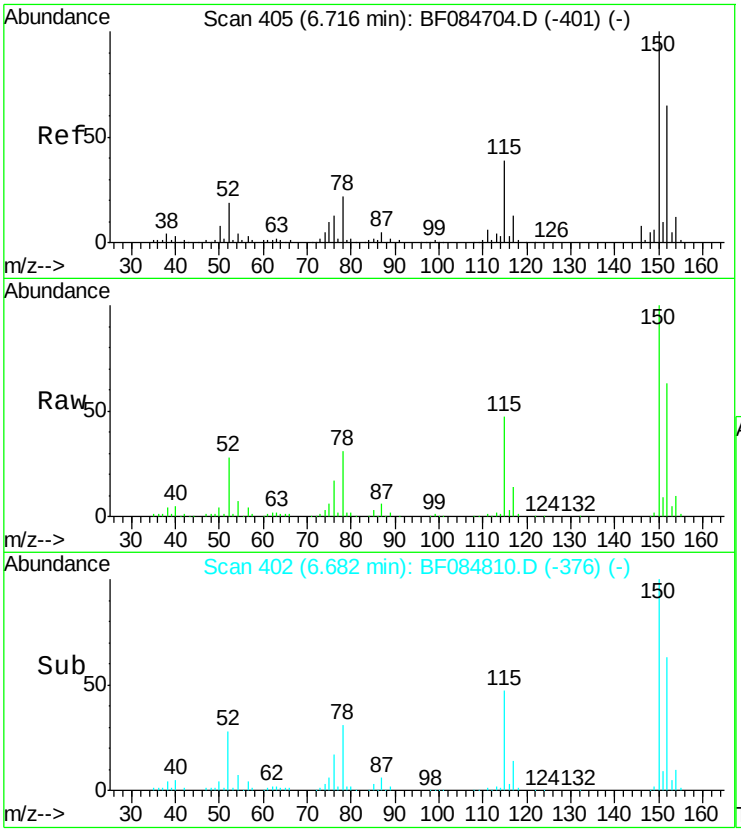


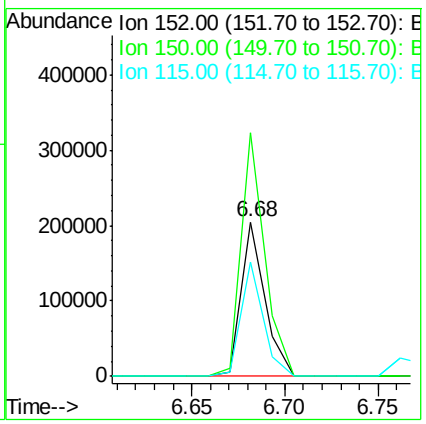


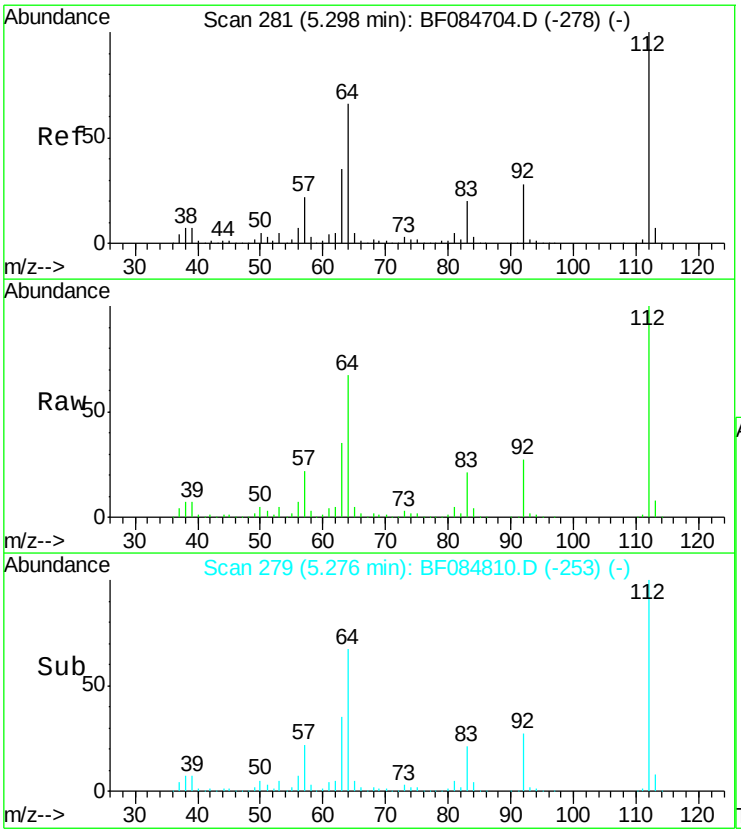
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:152 Resp: 181225

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.4
115	73.9	51.4	77.2

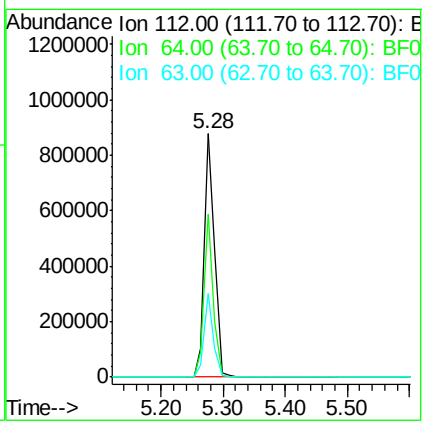


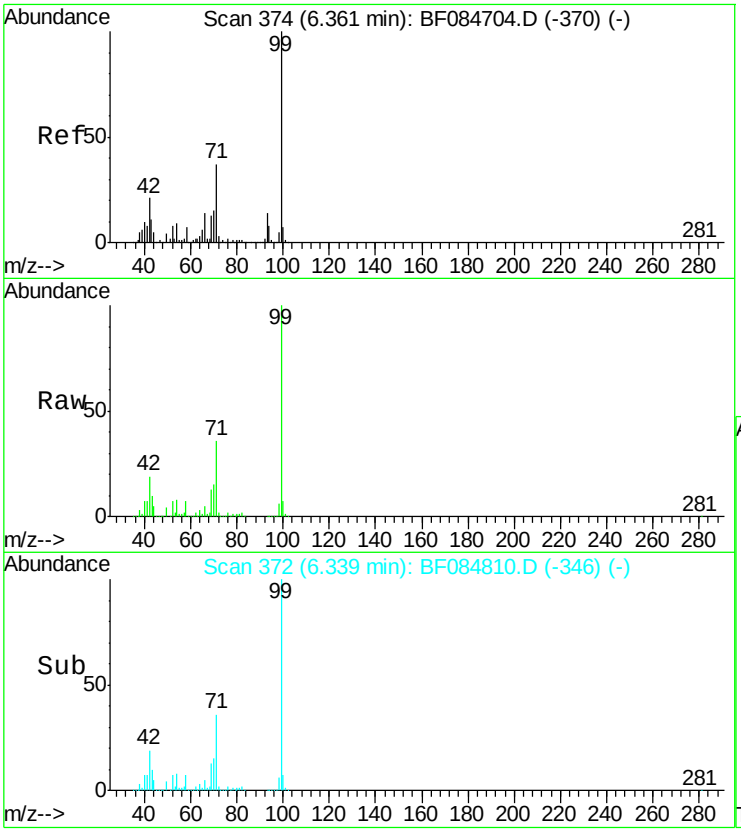


#5
2-Fluorophenol
Concen: 86.90 ng
RT: 5.28 min Scan# 279
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:112 Resp: 1011071

Ion	Ratio	Lower	Upper
112	100		
64	67.0	36.6	55.0#
63	34.5	19.4	29.0#



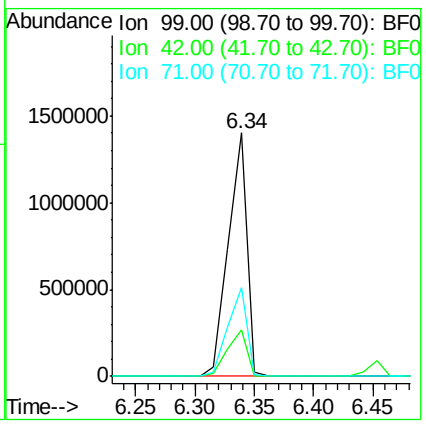


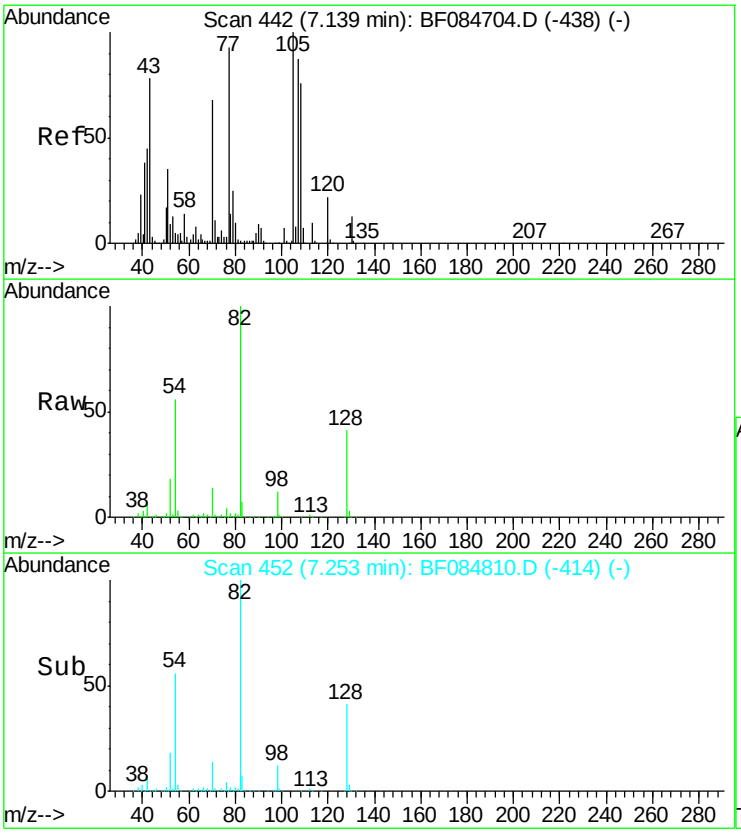
#7
Phenol-d6
Concen: 106.06 ng
RT: 6.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion: 99 Resp: 1529857

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.8	19.2
71	36.4	30.9	46.3

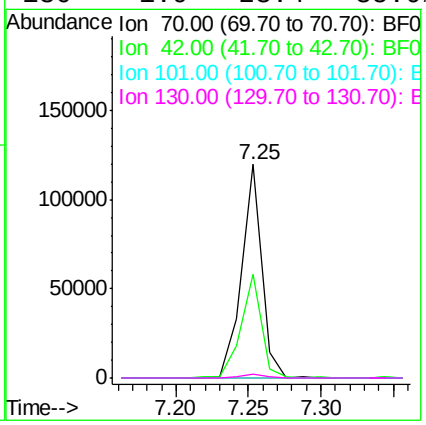


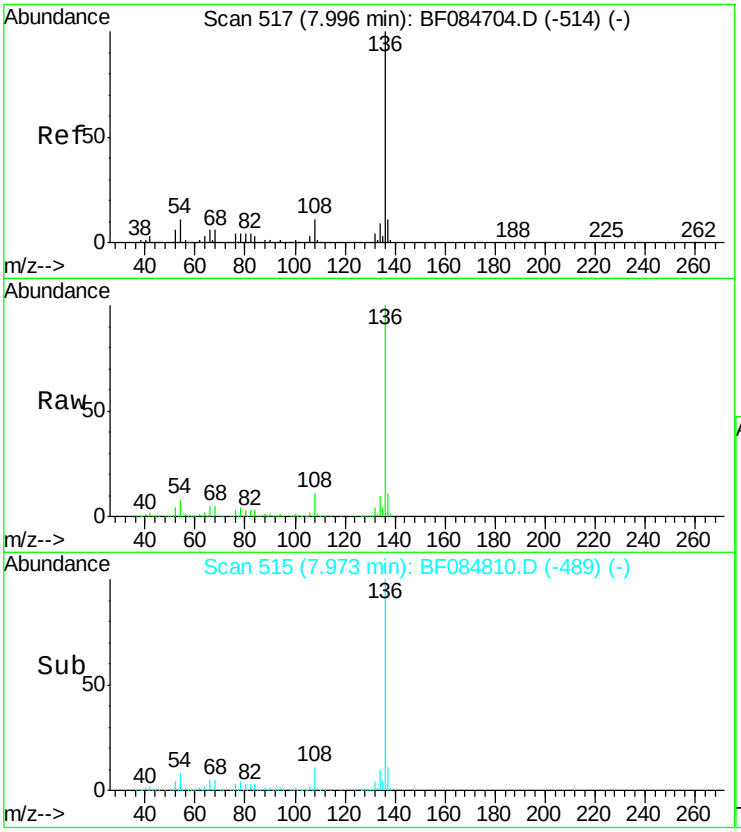


#19
n-Nitroso-di-n-propylamine
Concen: 12.78 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.14 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion: 70 Resp: 115551

Ion	Ratio	Lower	Upper
70	100		
42	48.8	33.3	49.9
101	0.0	9.3	13.9#
130	1.9	23.4	35.0#



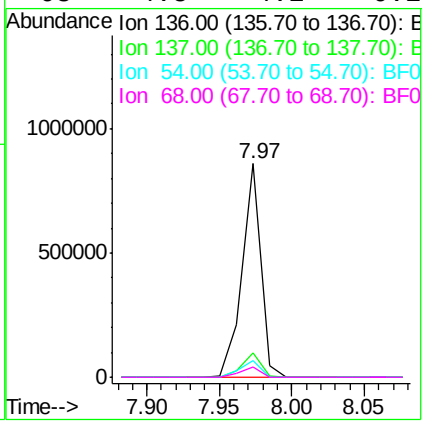


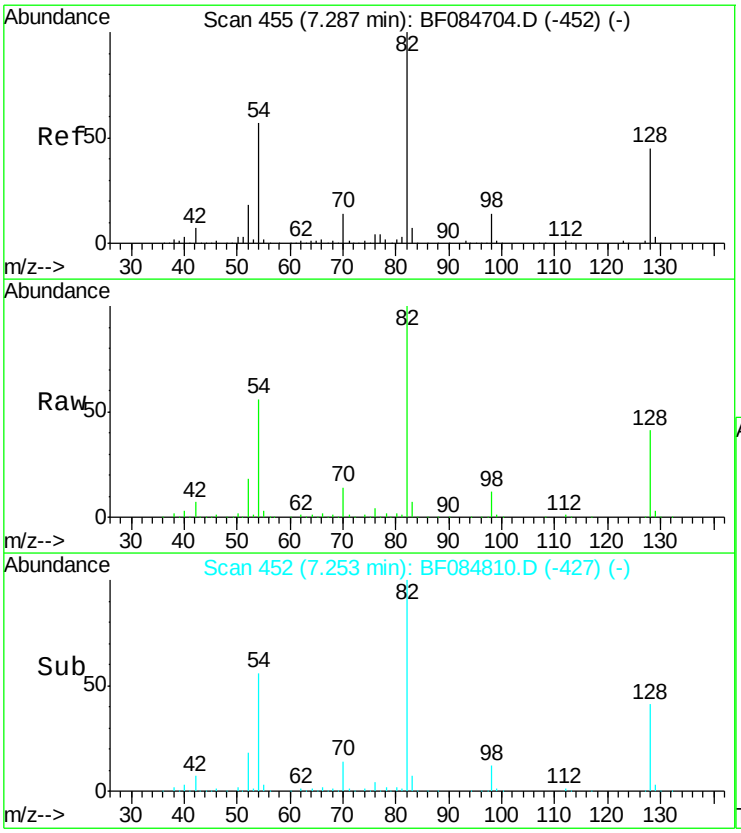
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:136 Resp: 771696

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.7	5.8	8.8
68	4.5	4.2	6.2

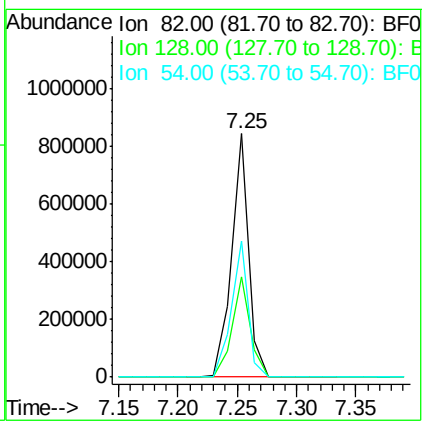


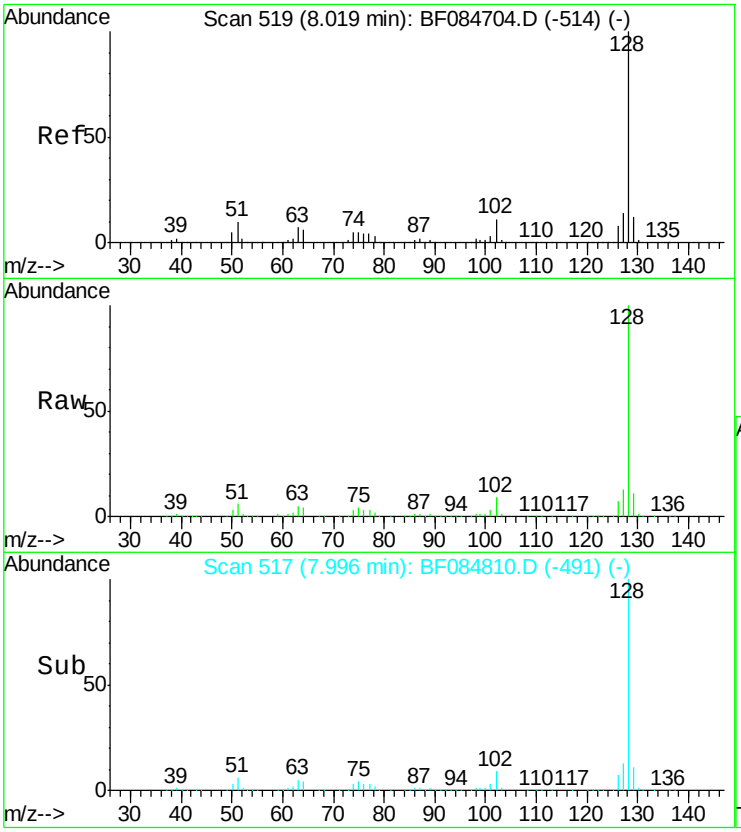


#23
Nitrobenzene-d5
Concen: 61.28 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion: 82 Resp: 839488

Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	51.8
54	56.1	38.4	57.6



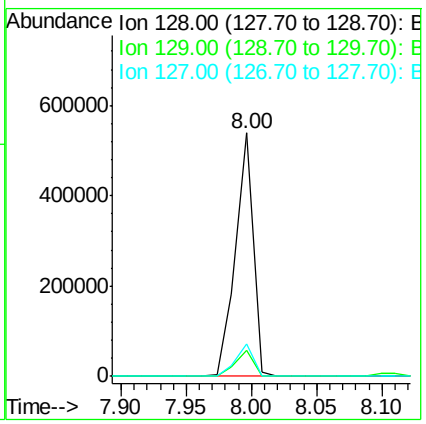


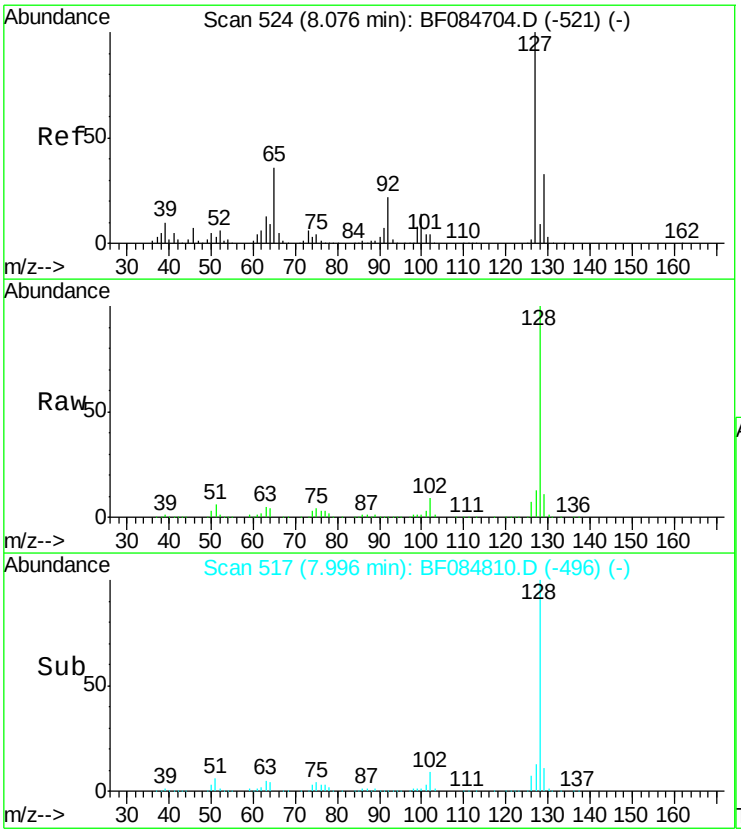
#31
Naphthalene
Concen: 13.06 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:128 Resp: 505495

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.3	11.1	16.7

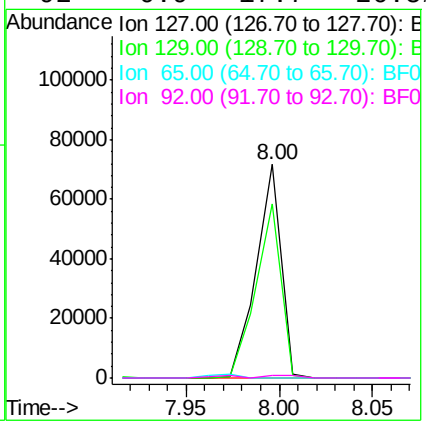


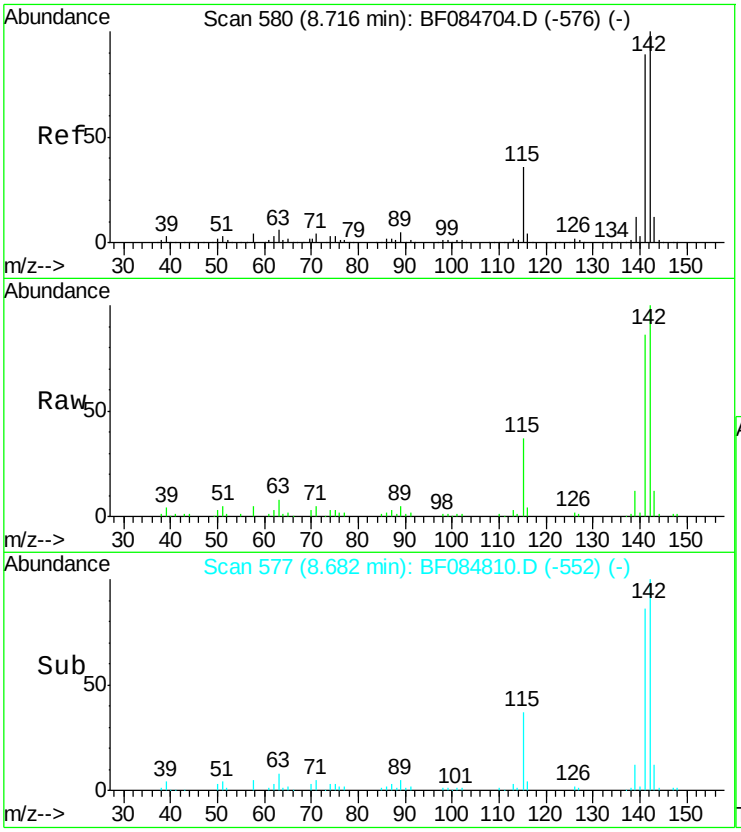


#33
4-Chloroaniline
Concen: 4.20 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.06 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:127 Resp: 67234

Ion	Ratio	Lower	Upper
127	100		
129	81.5	26.5	39.7#
65	0.0	27.2	40.8#
92	0.9	17.7	26.5#



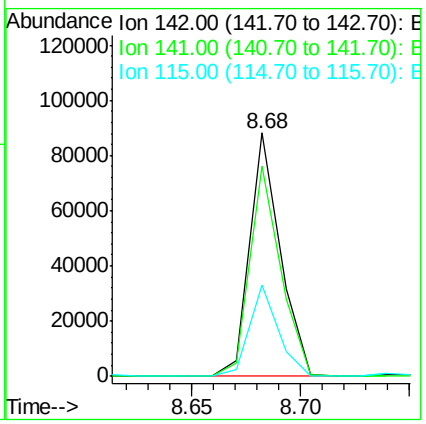


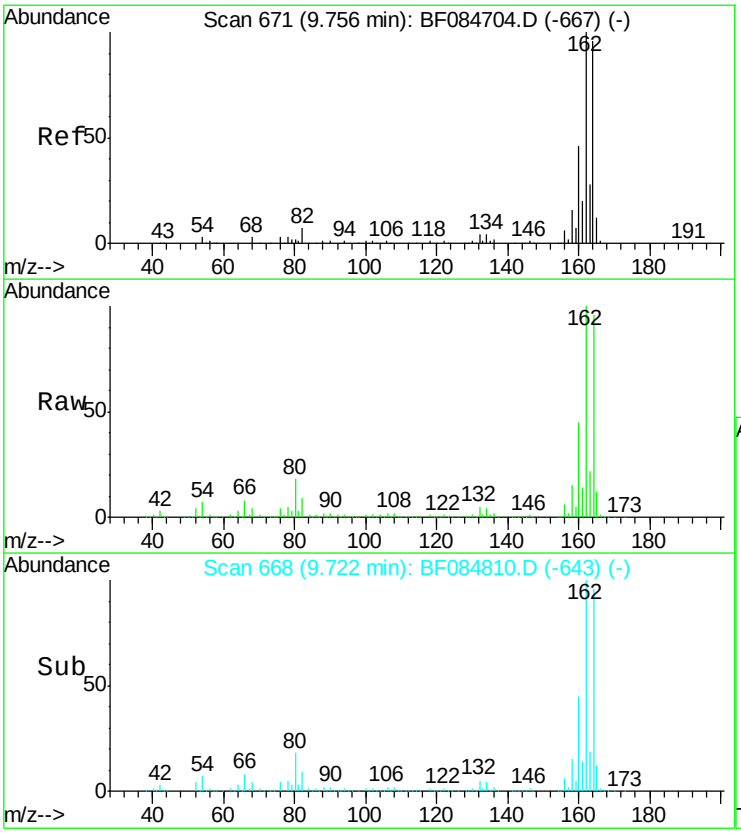
#37
2-Methylnaphthalene
Concen: 3.58 ng
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:142 Resp: 86615

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.4	108.6
115	37.4	27.9	41.9

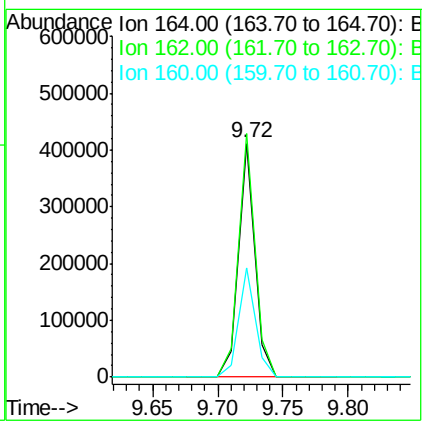


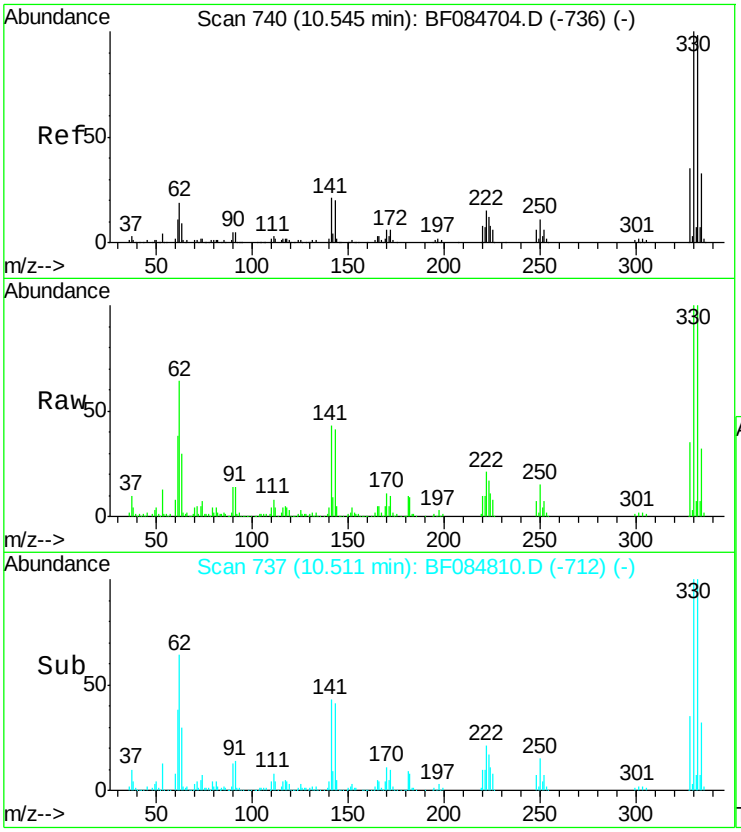


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:164 Resp: 355426

Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.1	127.7
160	47.0	37.5	56.3



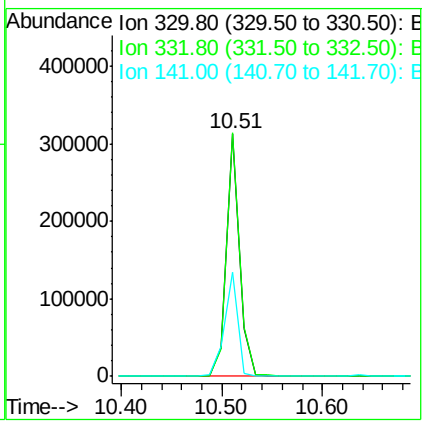


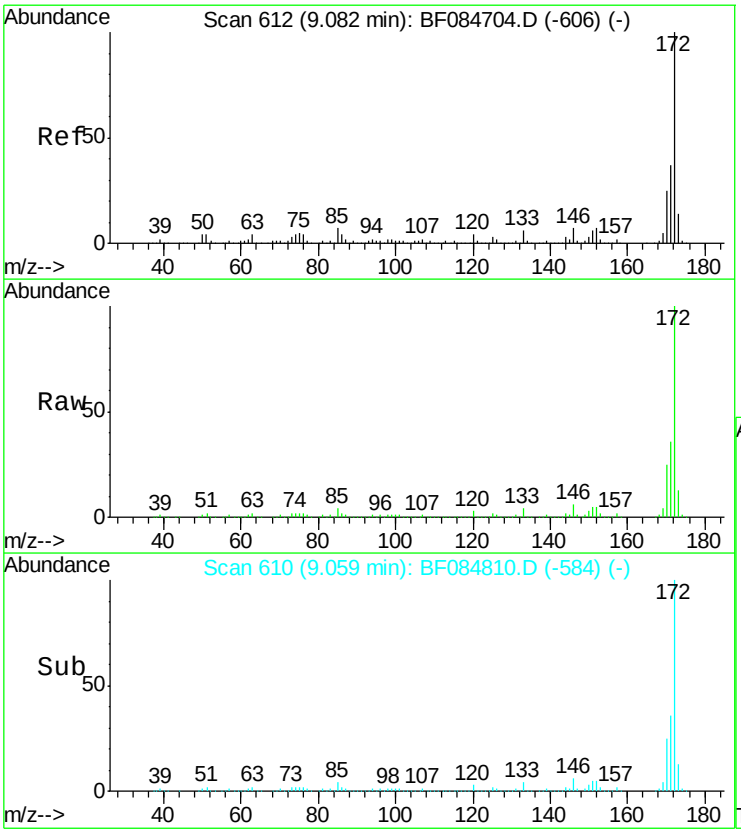
#41
2,4,6-Tribromophenol
Concen: 77.54 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:330 Resp: 287470

Ion	Ratio	Lower	Upper
330	100		
332	100.3	76.6	114.8
141	44.5	27.8	41.6#

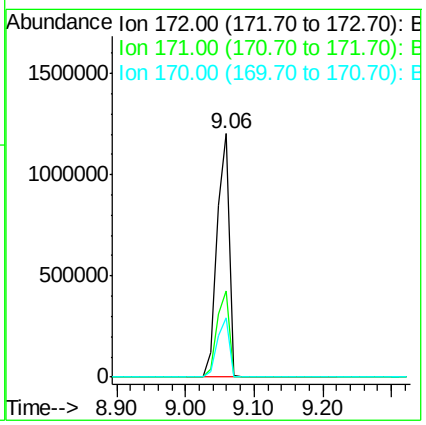


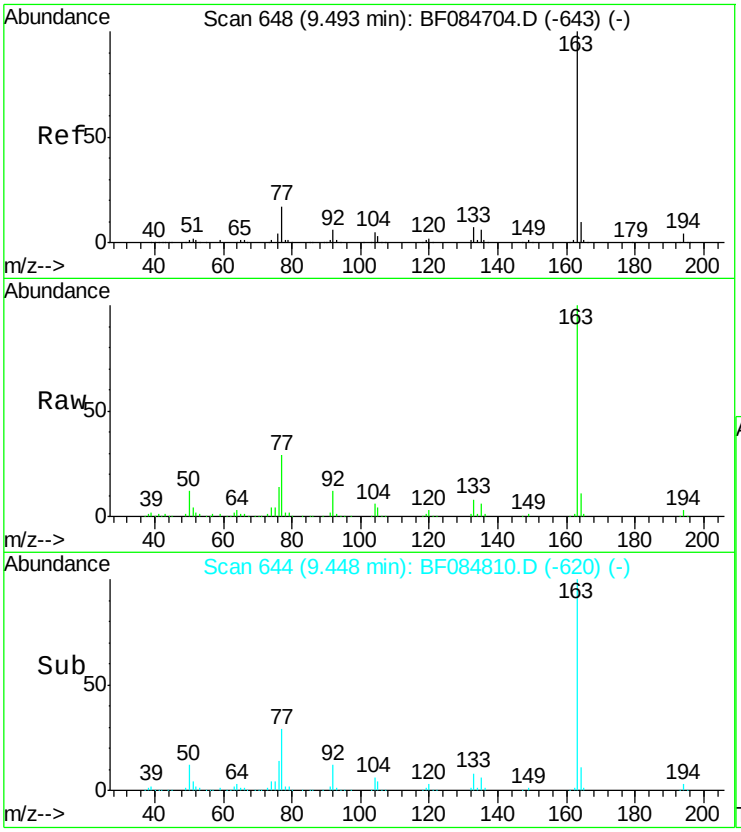


#44
2-Fluorobiphenyl
Concen: 66.18 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:172 Resp: 1503006

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.9	43.3
170	24.6	18.6	27.8



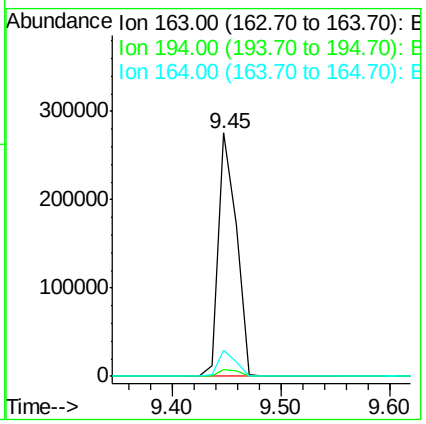


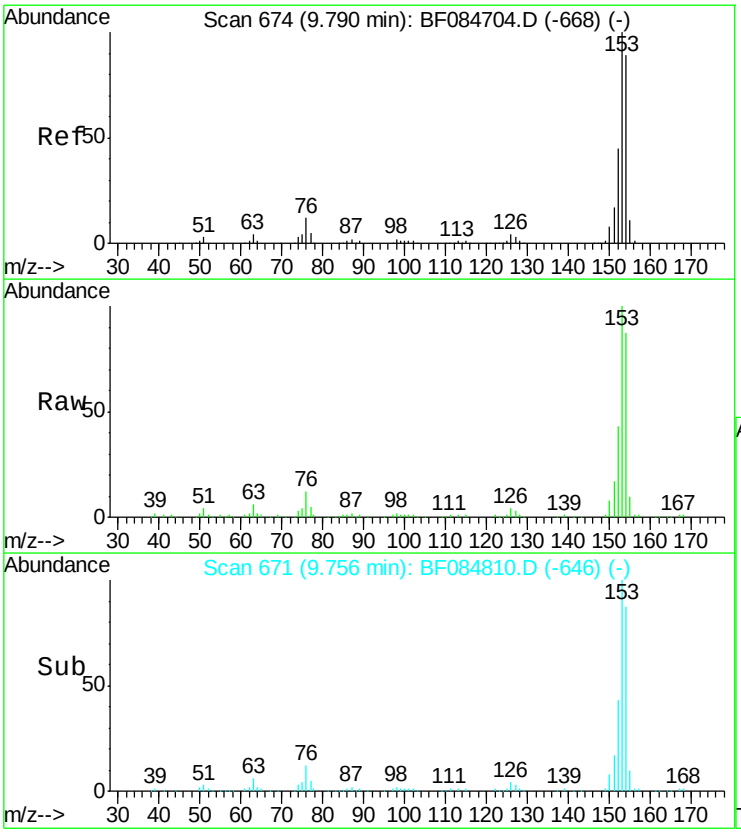
#49
Dimethylphthalate
Concen: 11.75 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:163 Resp: 318060

Ion	Ratio	Lower	Upper
163	100		
194	3.0	8.0	12.0#
164	10.6	8.0	12.0

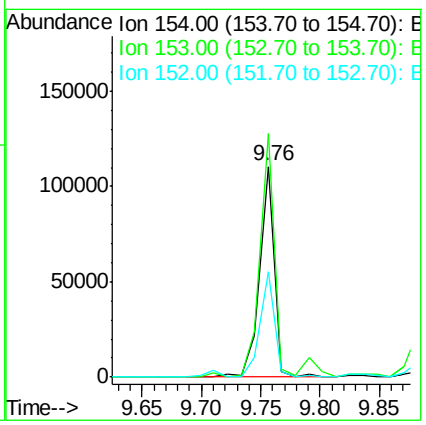


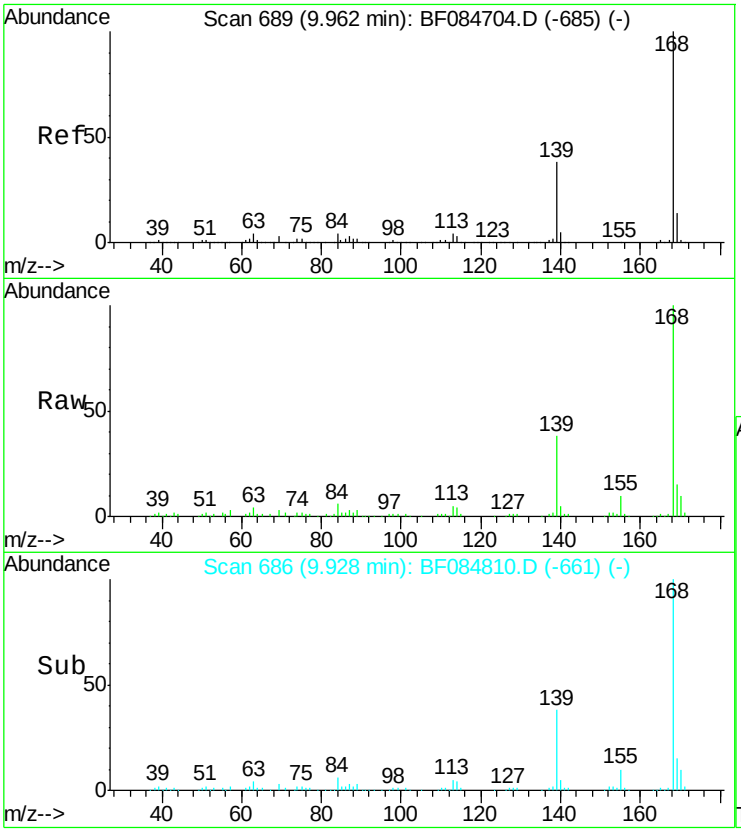


#51
Acenaphthene
Concen: 4.18 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:154 Resp: 96518

Ion	Ratio	Lower	Upper
154	100		
153	115.5	91.5	137.3
152	49.7	43.0	64.6



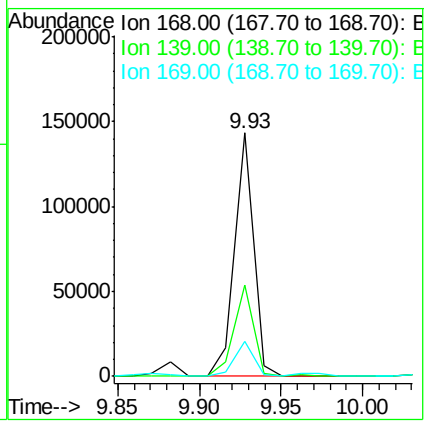


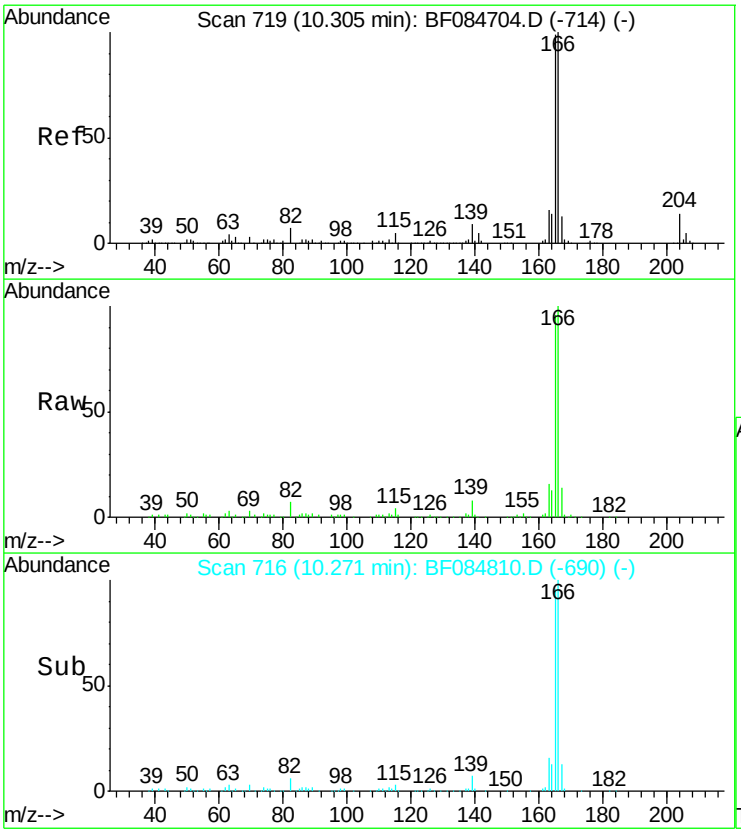
#54
Dibenzofuran
Concen: 4.08 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:168 Resp: 115018

Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.5	45.7
169	14.6	10.4	15.6

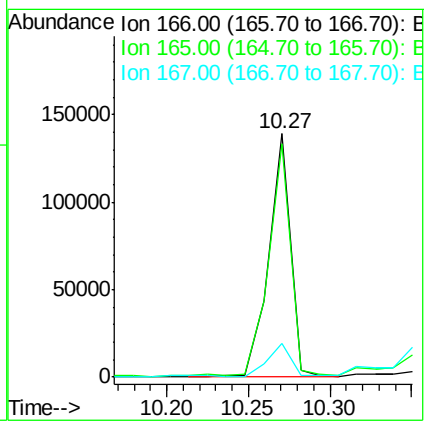


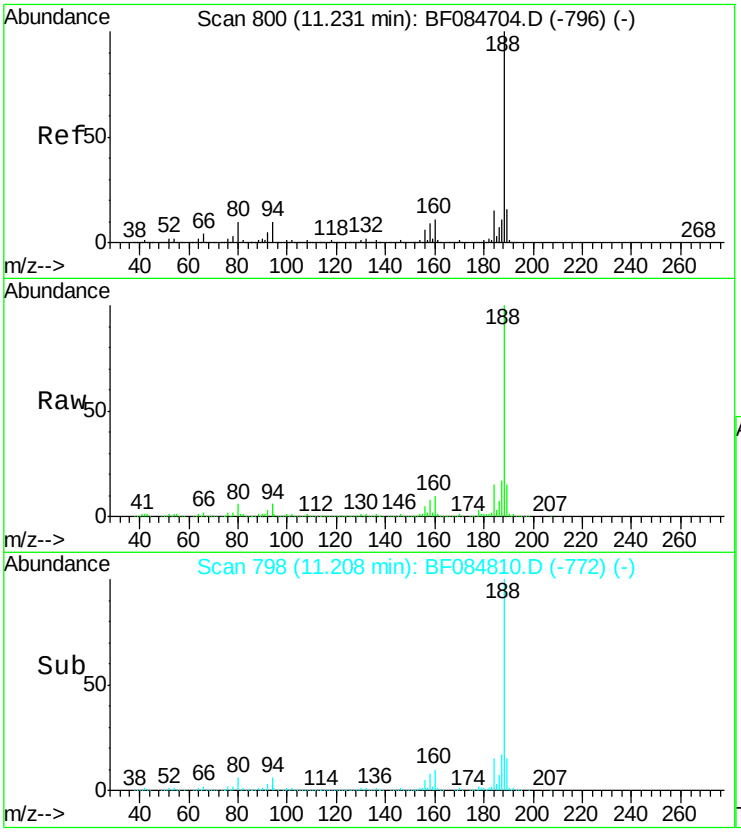


#57
Fluorene
Concen: 5.53 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:166 Resp: 130185

Ion	Ratio	Lower	Upper
166	100		
165	95.9	79.1	118.7
167	13.6	10.4	15.6



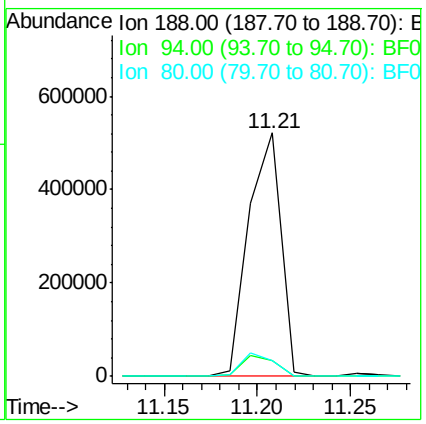


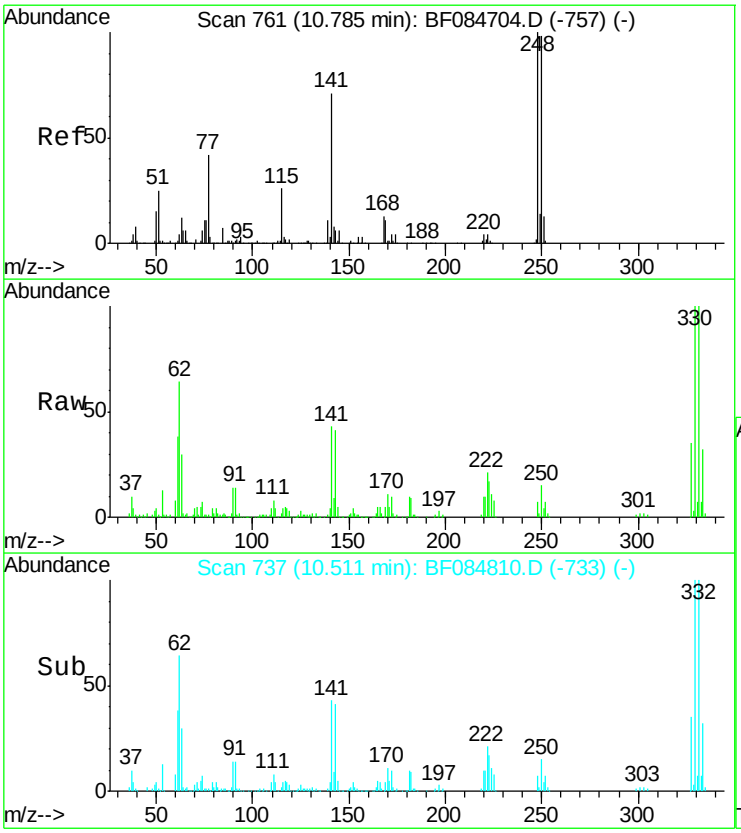
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:188 Resp: 627720

Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.0	13.4#
80	6.4	9.6	14.4#

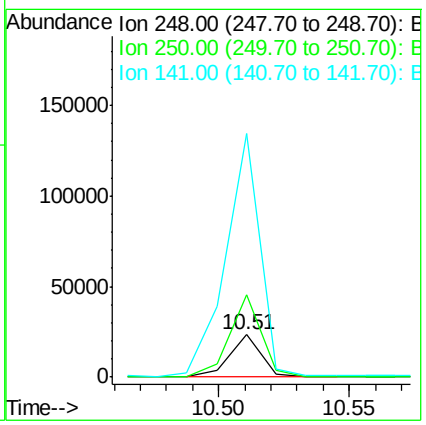


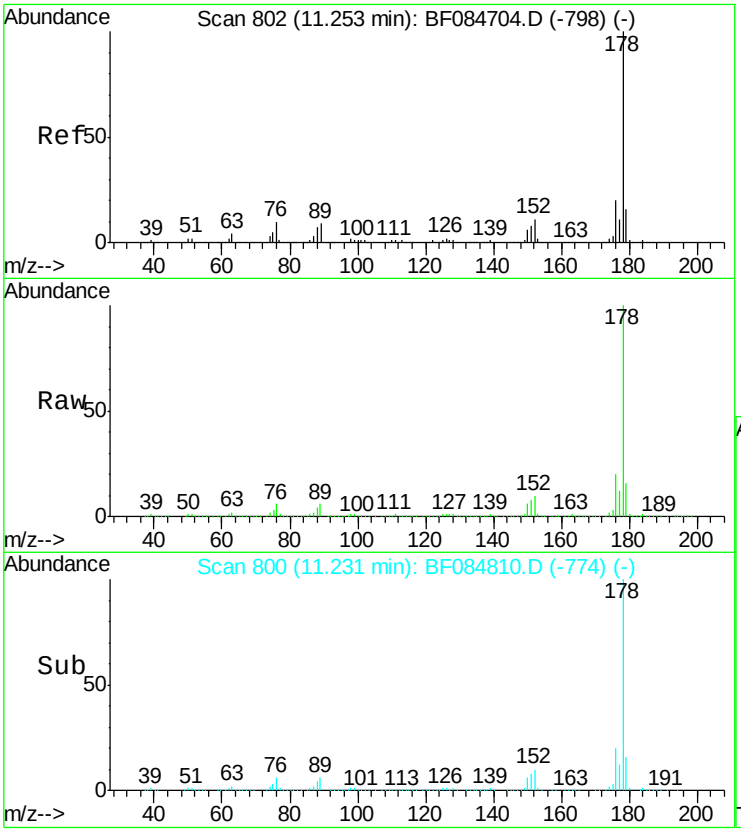


#66
4-Bromophenyl-phenylether
Concen: 2.85 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:248 Resp: 19774

Ion	Ratio	Lower	Upper
248	100		
250	195.0	78.4	117.6#
141	575.2	44.0	66.0#



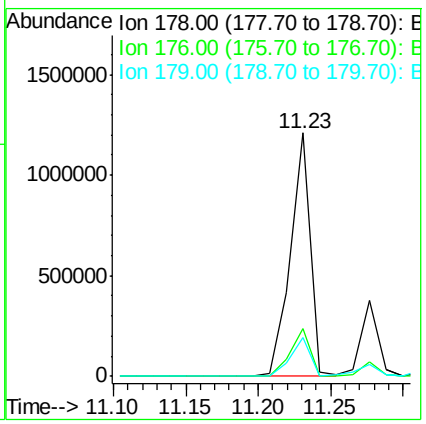


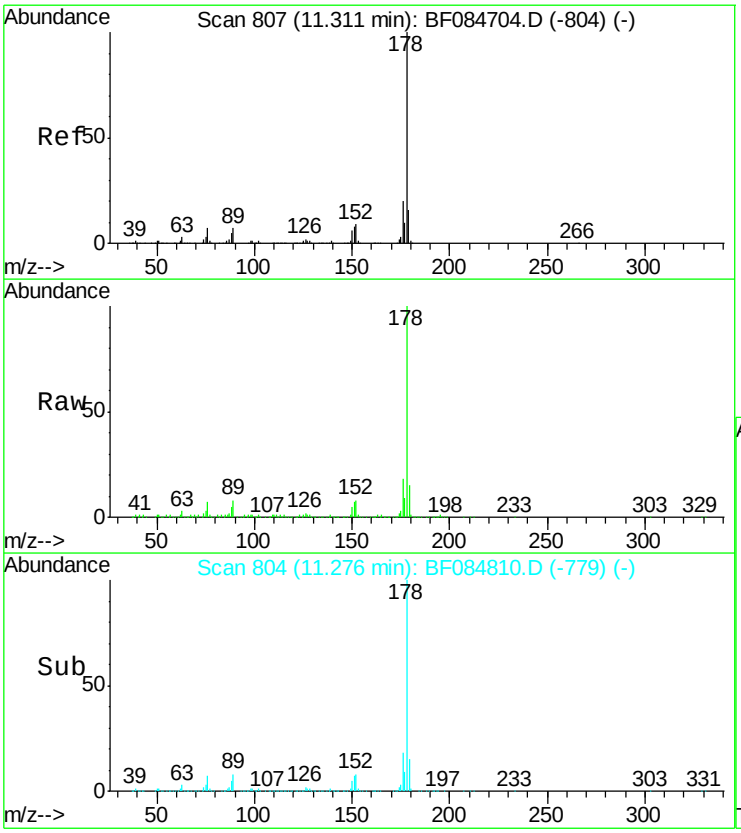
#70
Phenanthrene
Concen: 32.74 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:178 Resp: 1139722

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	16.1	12.0	18.0

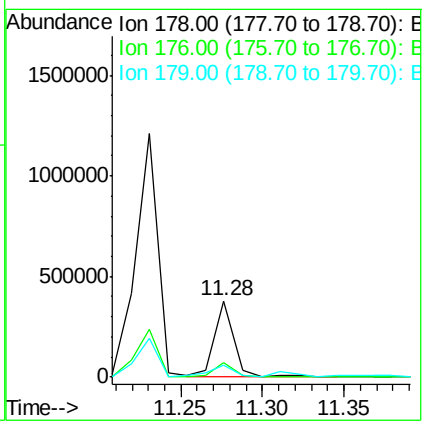


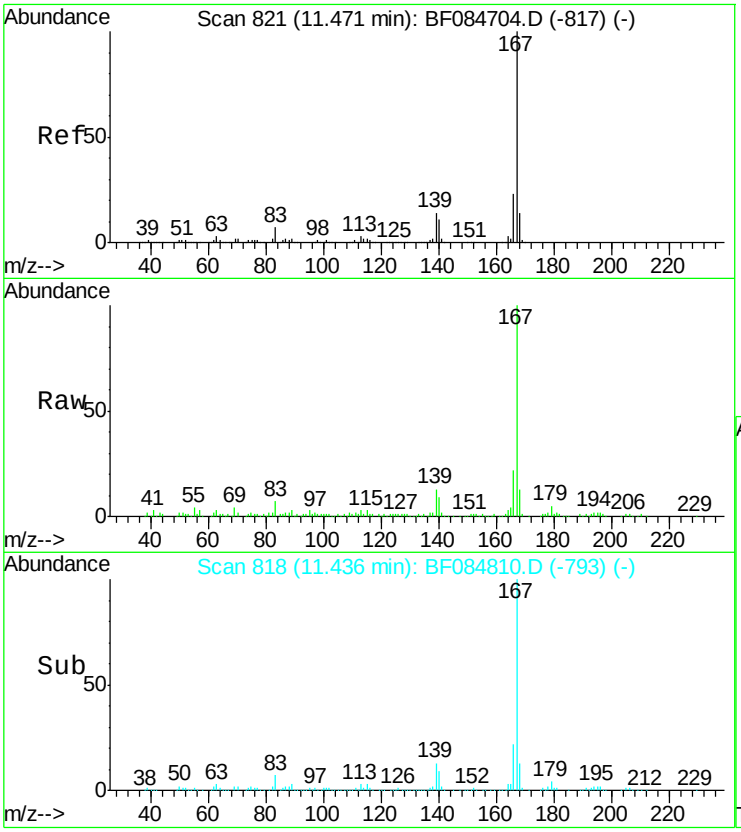


#71
Anthracene
Concen: 8.78 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:178 Resp: 308000

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	15.4	12.5	18.7



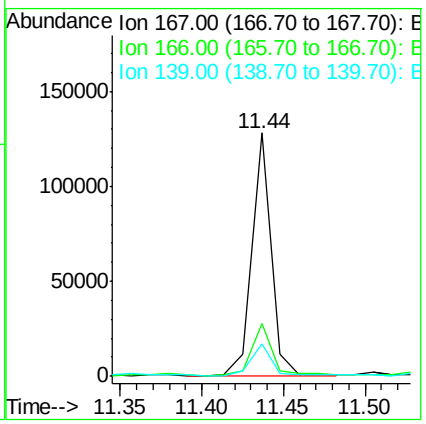


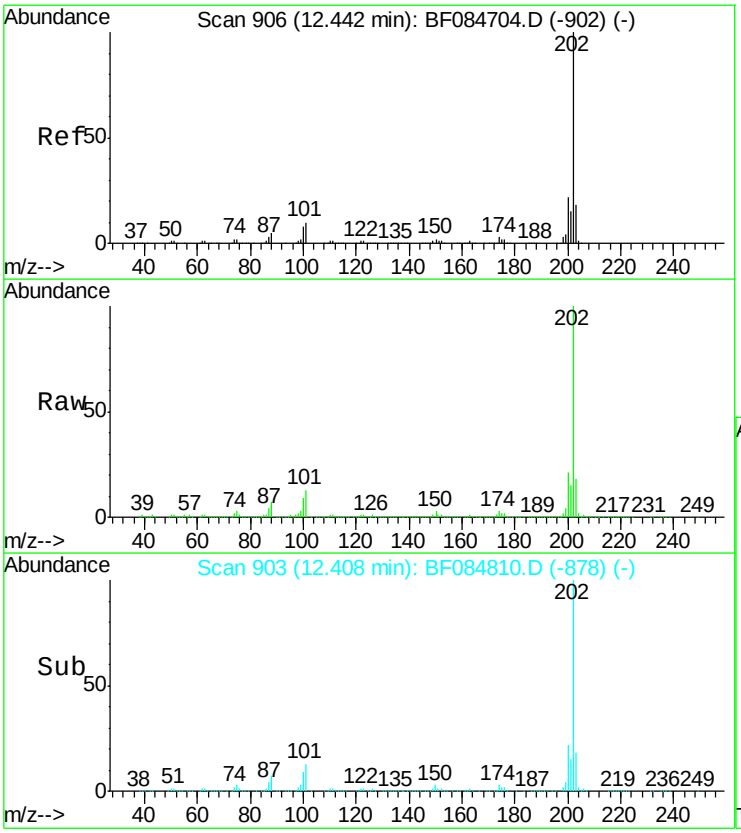
#72
Carbazole
Concen: 3.40 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:167 Resp: 103873

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.5	11.8	17.8

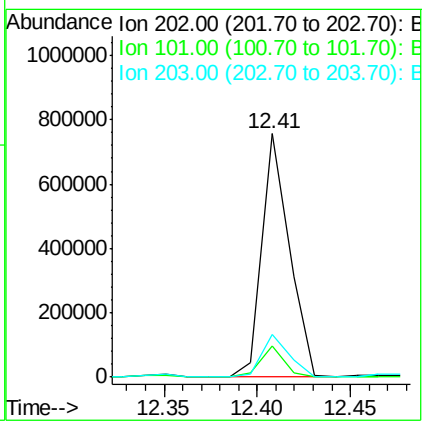


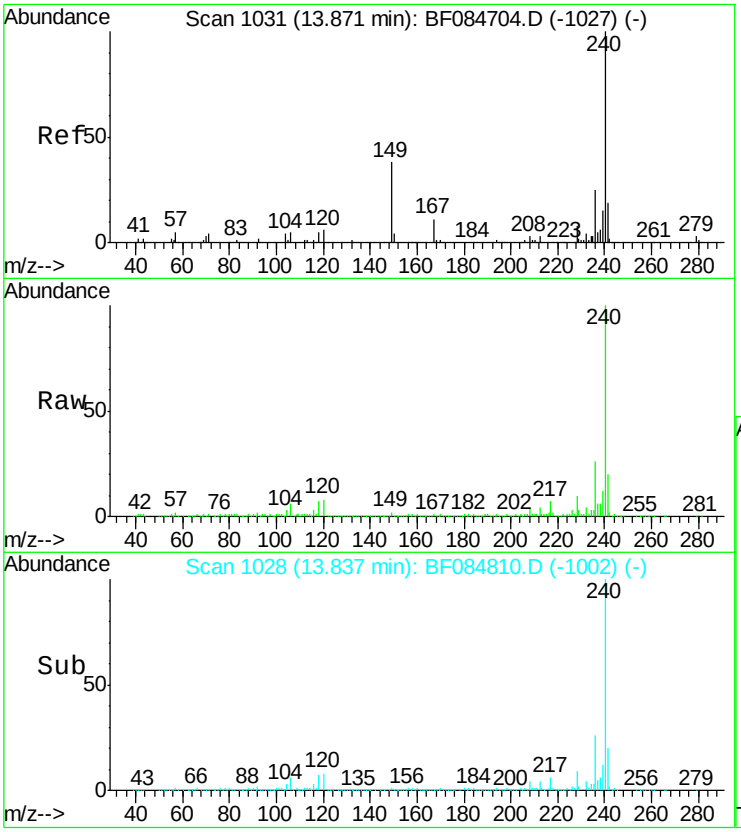


#74
Fluoranthene
Concen: 21.69 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:202 Resp: 764286

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.8
203	17.6	0.0	37.9



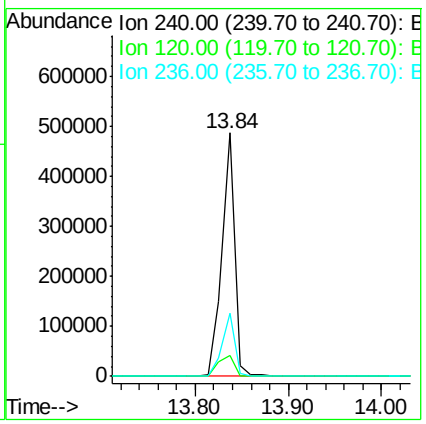


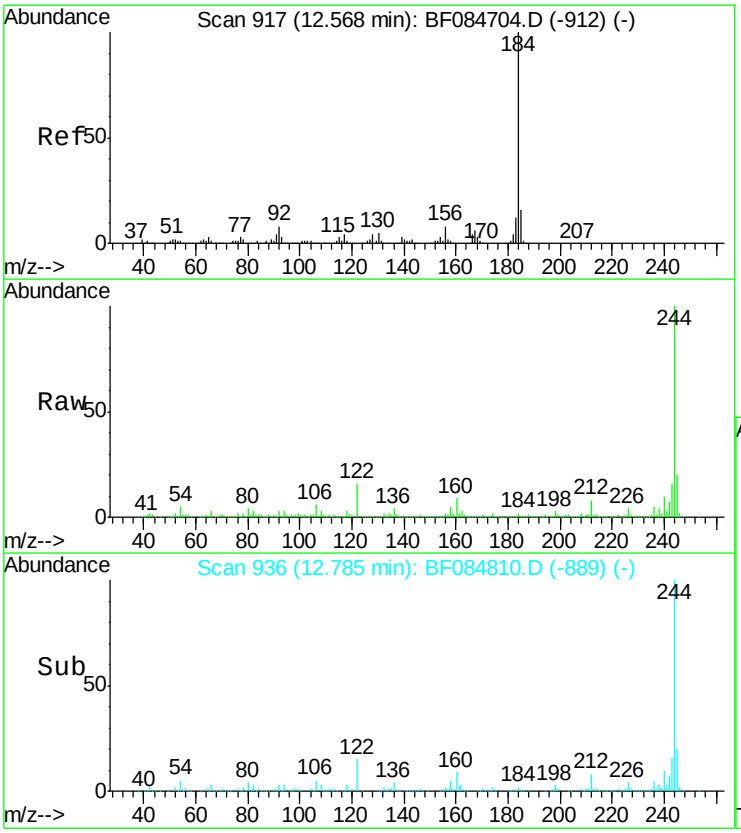
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:240 Resp: 462174

Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	25.8	20.6	31.0

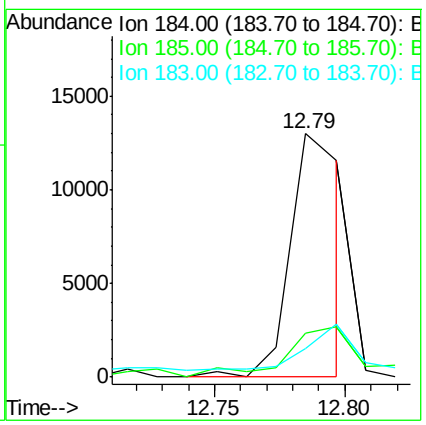


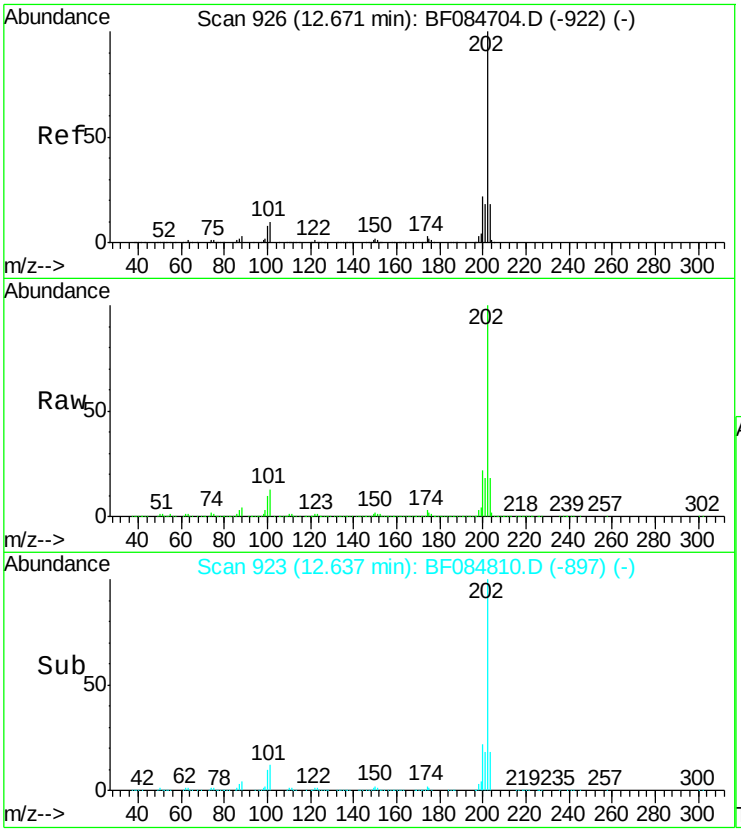


#76
Benzidine
Concen: 7.63 ng
RT: 12.79 min Scan# 936
Delta R.T. 0.24 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:184 Resp: 18126

Ion	Ratio	Lower	Upper
184	100		
185	17.9	12.2	18.2
183	11.9	9.8	14.8



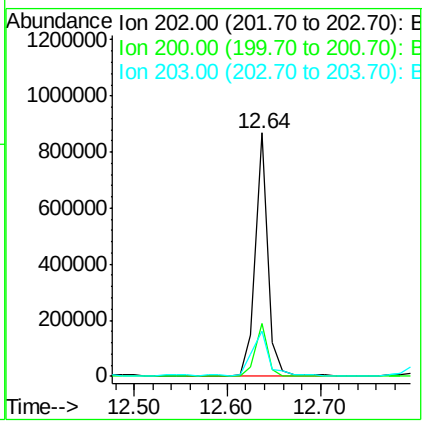


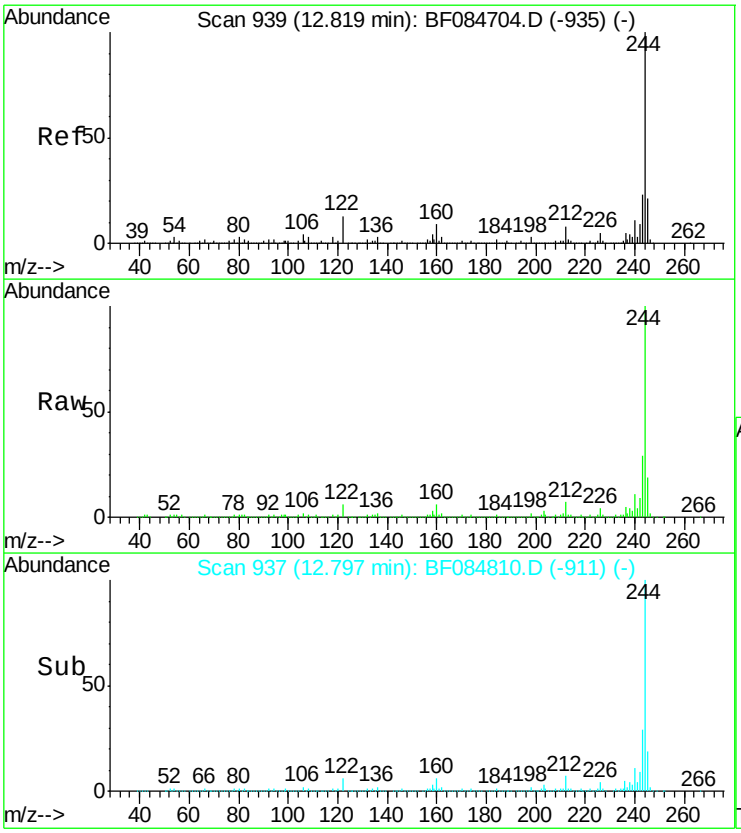
#77
Pyrene
Concen: 22.76 ng
RT: 12.64 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:202 Resp: 805390

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.3	14.3	21.5

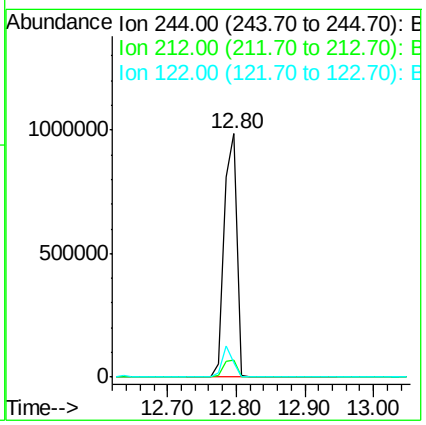


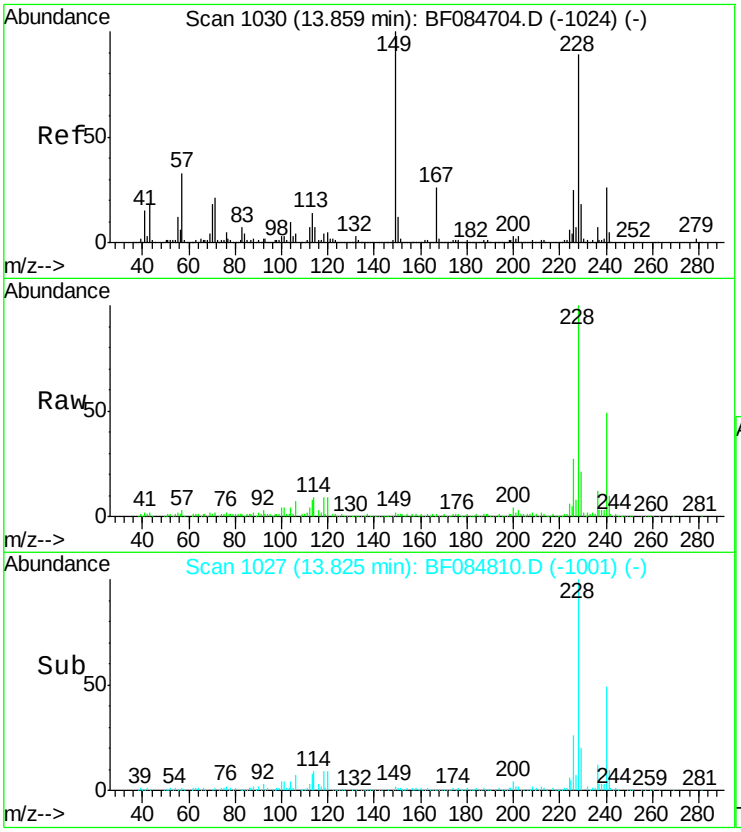


#78
Terphenyl-d14
Concen: 62.88 ng
RT: 12.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:244 Resp: 1282378

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	6.2	7.4	11.0#



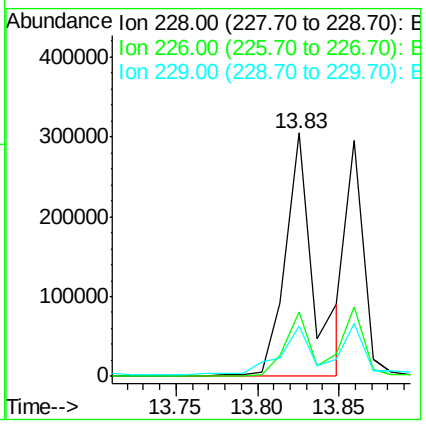


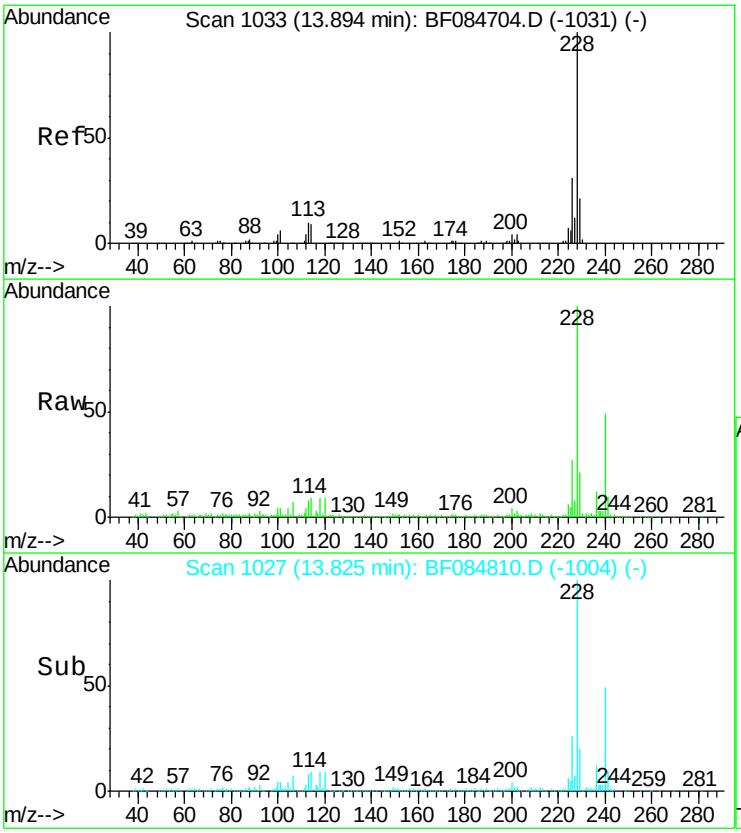
#80
Benzo(a)anthracene
Concen: 12.90 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:228 Resp: 370082

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	20.9	15.8	23.8

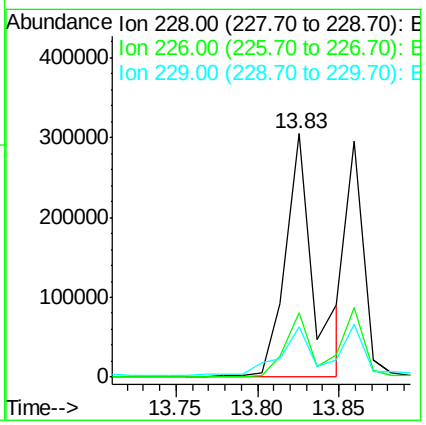


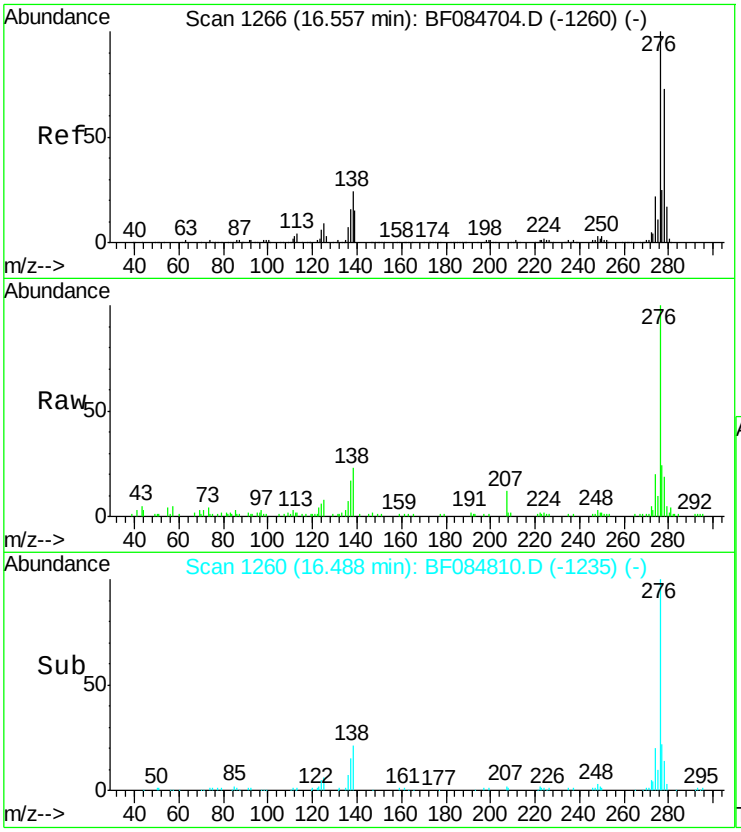


#82
Chrysene
Concen: 13.30 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:228 Resp: 370082

Ion	Ratio	Lower	Upper
228	100		
226	26.7	24.3	36.5
229	20.9	16.1	24.1



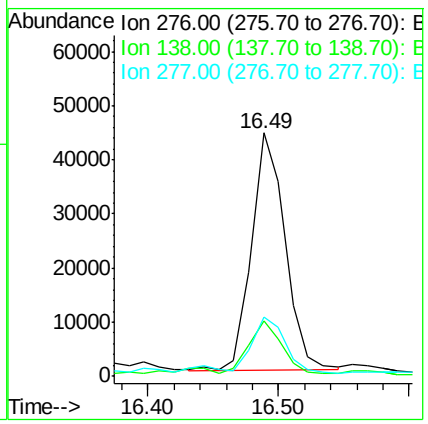


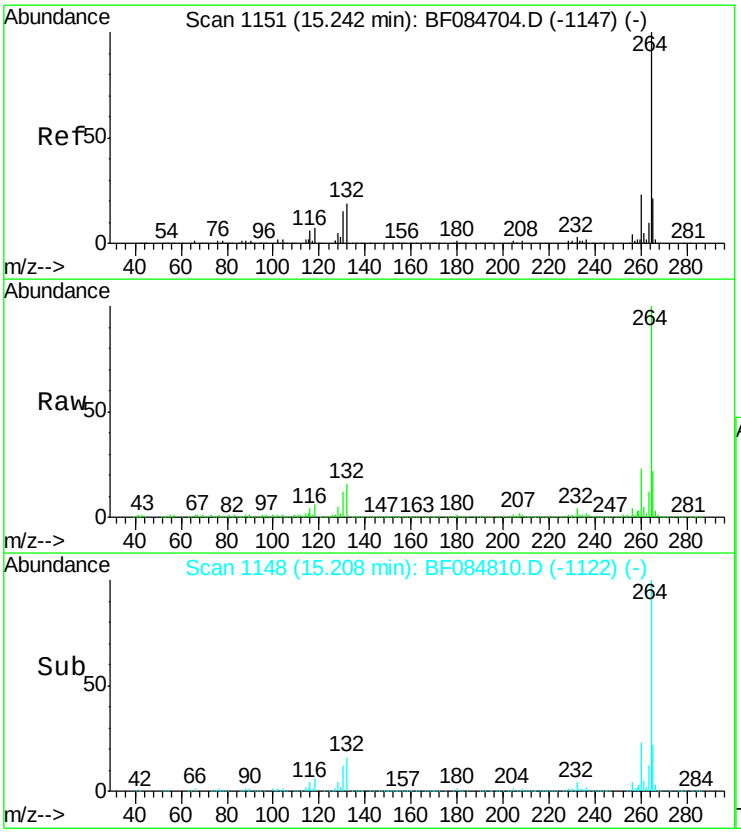
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.60 ng
RT: 16.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:276 Resp: 78915

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.6	30.8
277	25.9	20.1	30.1

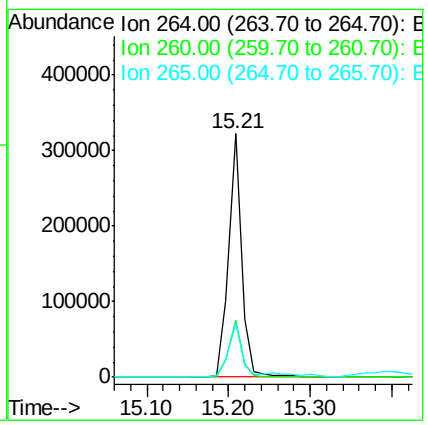


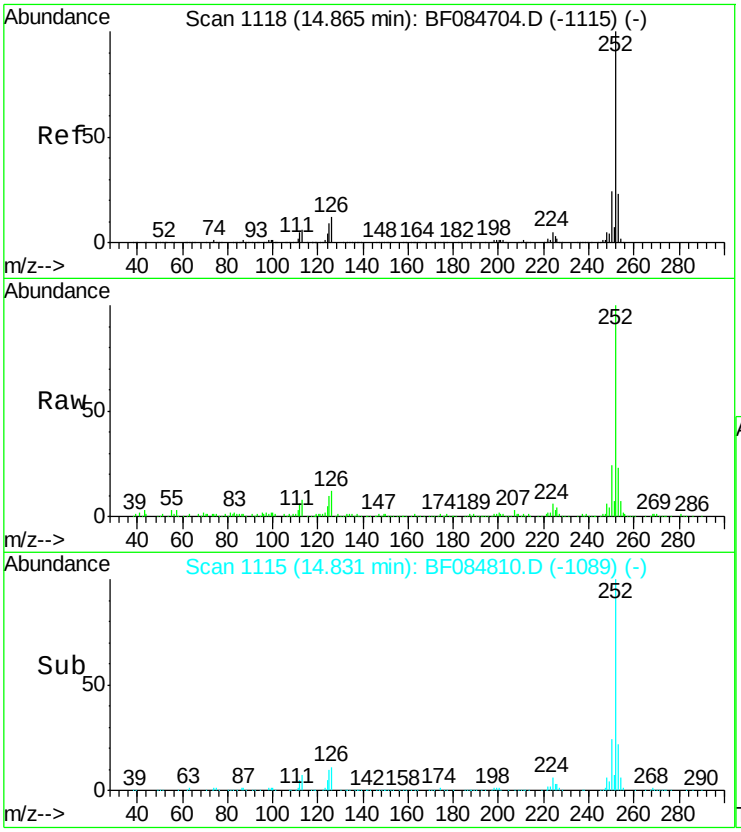


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:264 Resp: 359644

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	22.0	17.8	26.6



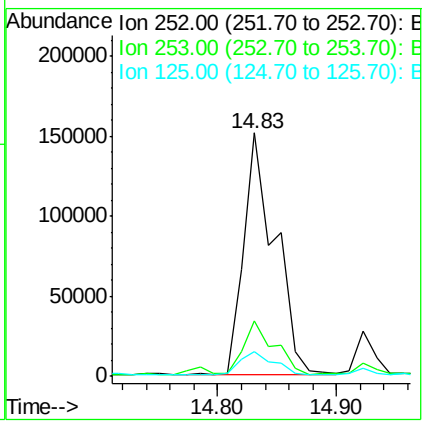


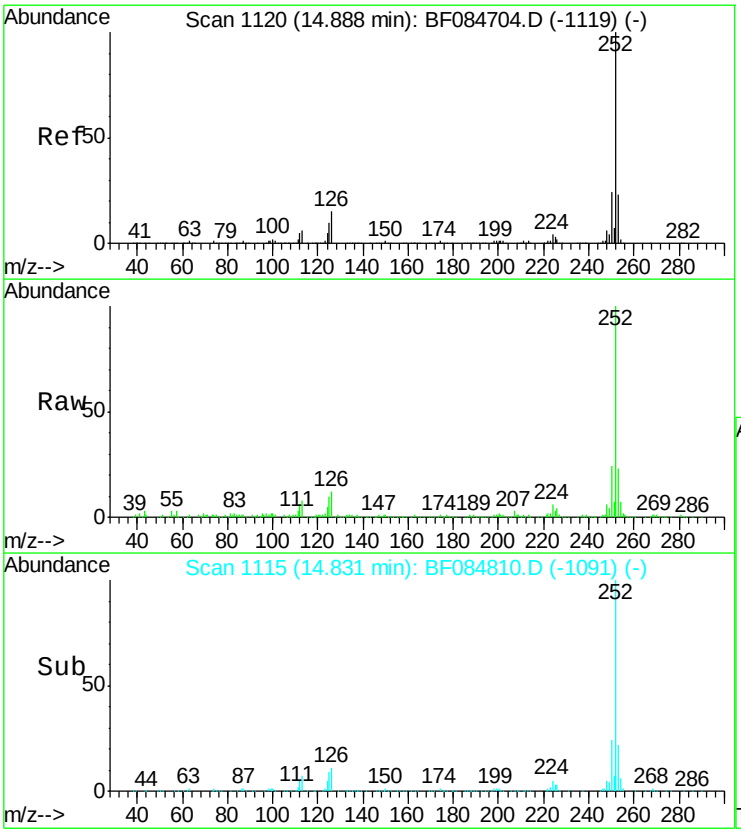
#87
Benzo(b)fluoranthene
Concen: 11.48 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:252 Resp: 277290

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	10.3	6.5	9.7#

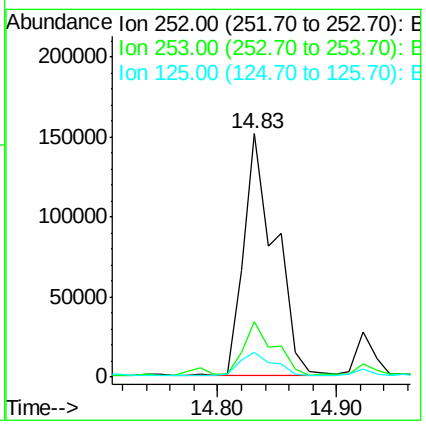


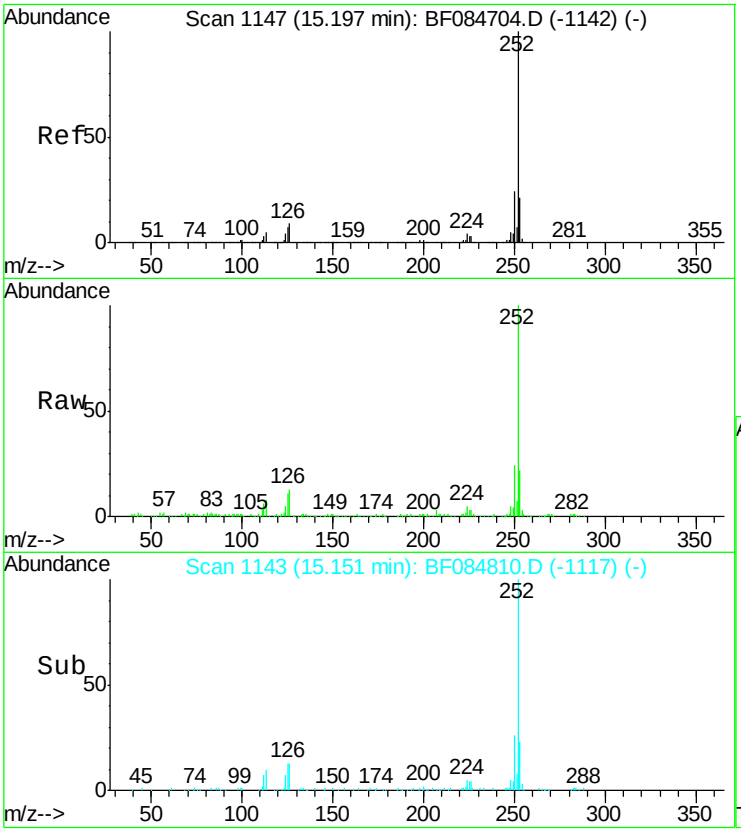


#88
Benzo(k)fluoranthene
Concen: 13.86 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:252 Resp: 276837

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	10.3	9.0	13.6



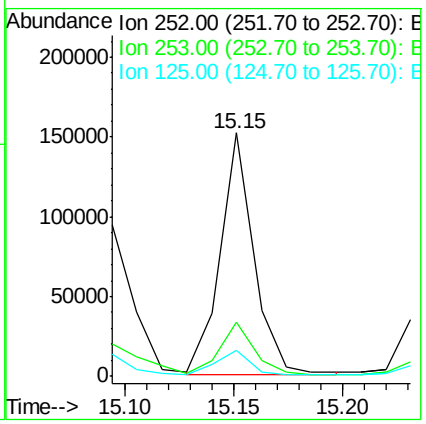


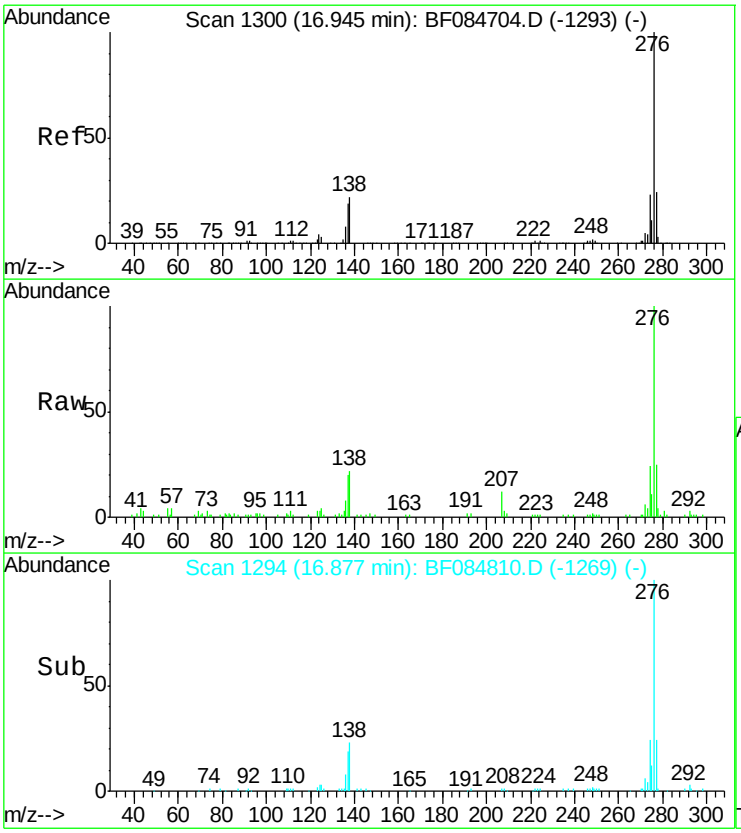
#89
Benzo(a)pyrene
Concen: 7.98 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Instrument :
BNA_F
ClientSampleId :
SUP-B036(25-27)

Tgt Ion:252 Resp: 164310

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	10.6	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 4.71 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF084810.D
Acq: 4 Feb 2016 3:12

Tgt Ion:276 Resp: 82233

Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.8	28.2
138	22.2	17.8	26.6