Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086115.D
Acq On : 6 Apr 2016 23:24
Operator : UM/SJ
Sample : H2074-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP-032916

Quant Time: Apr 07 01:15:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	95054	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	349801	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	135627	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	247474	20.00	ng		-0.03
75) Chrysene-d12	13.91	240	238279	20.00	ng		-0.02
86) Perylene-d12	15.31	264	184247	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	881729	158.56	ng		-0.02
7) Phenol-d6	6.40	99	944338	133.69	ng		-0.02
23) Nitrobenzene-d5	7.31	82	574440	96.84	ng		-0.03
41) 2,4,6-Tribromophenol	10.58	330	195044	153.22	ng		-0.02
44) 2-Fluorobiphenyl	9.10	172	812017	99.55	ng		-0.03
78) Terphenyl-d14	12.85	244	839339	82.80	ng		-0.02
Target Compounds							Qvalue
15) Benzyl Alcohol	6.90	79	11057	2.42	ng	#	48
19) n-Nitroso-di-n-propylamine	7.31	70	74761	17.08	ng	#	79
25) Isophorone	7.31	82	543985	46.46	ng	#	68
31) Naphthalene	8.05	128	40654	2.31	ng		98
48) Acenaphthylene	9.64	152	62449	4.60	ng		98
49) Dimethylphthalate	9.50	163	167265	16.64	ng		99
51) Acenaphthene	9.81	154	32718	4.05	ng		98
53) 2,4-Dinitrophenol	9.89	184	245	2.25	ng	#	7
54) Dibenzofuran	9.98	168	32849	3.08	ng		95
57) Fluorene	10.33	166	42893	4.71	ng		99
68) Atrazine	10.78	200	5906	2.36	ng	#	71
69) Pentachlorophenol	10.83	266	3801	3.10	ng		95
70) Phenanthrene	11.29	178	583104	43.19	ng		100
71) Anthracene	11.34	178	151749	10.73	ng		96
72) Carbazole	11.50	167	58101	4.78	ng		98
74) Fluoranthene	12.48	202	811134	57.76	ng		98
77) Pyrene	12.71	202	778431	46.36	ng		98
80) Benzo(a)anthracene	13.89	228	522056	37.17	ng		97
82) Chrysene	13.93	228	337743	24.96	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	21073	2.10	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.66	276	186320	16.97	ng		93
87) Benzo(b)fluoranthene	14.91	252	632135	54.54	ng		96
88) Benzo(k)fluoranthene	14.91	252	632135	61.59	ng	#	94
89) Benzo(a)pyrene	15.25	252	322015	31.36	ng		96
90) Dibenzo(a,h)anthracene	16.66	278	52669	6.37	ng	#	87
91) Benzo(g,h,i)perylene	17.06	276	168845	21.12	ng		97

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

Quantitation Report (Not Reviewed)

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Data File : BF086115.D
Acq On : 6 Apr 2016 23:24
Operator : UM/SJ
Sample : H2074-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Quant Time: Apr 07 01:15:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
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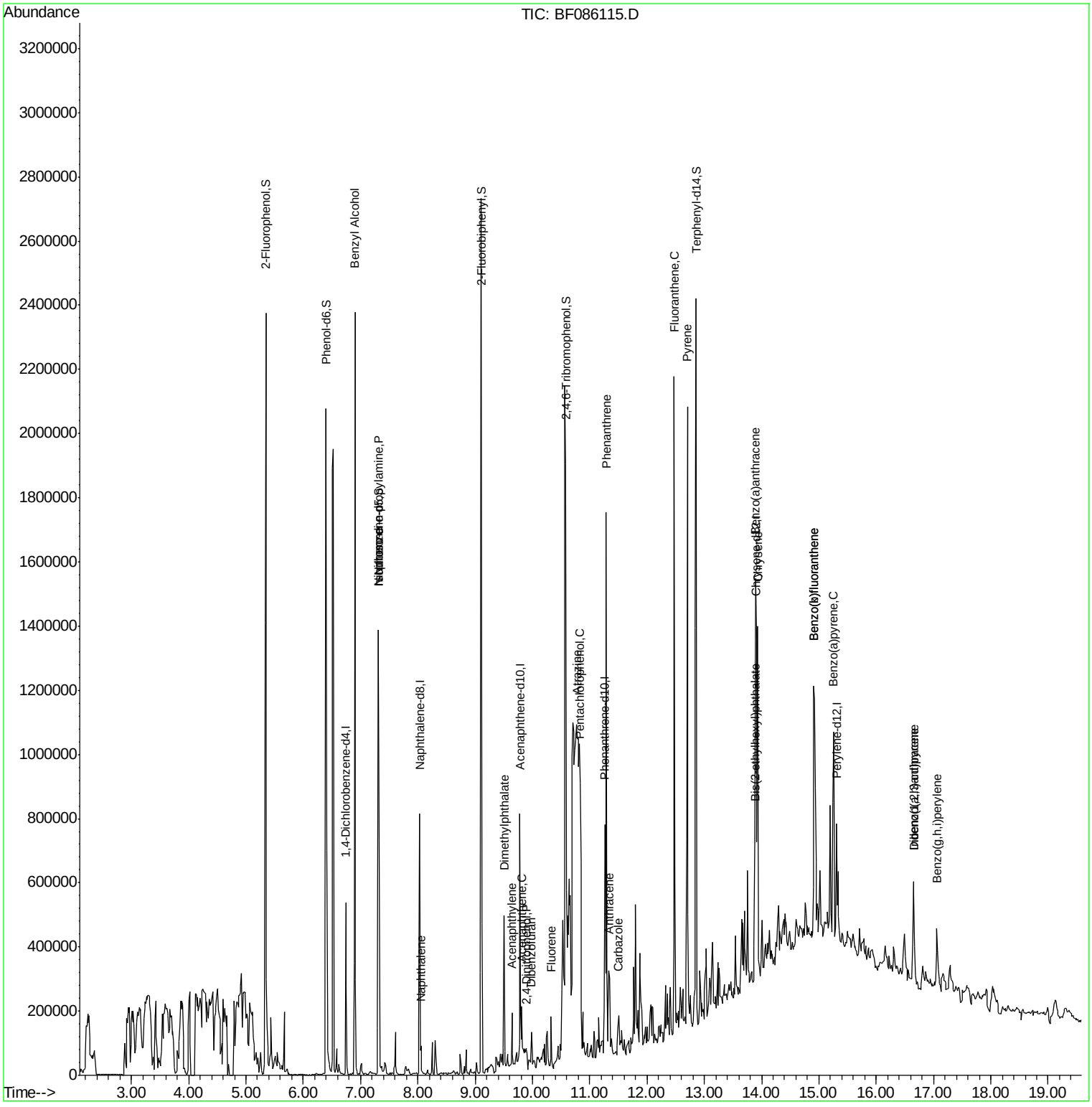
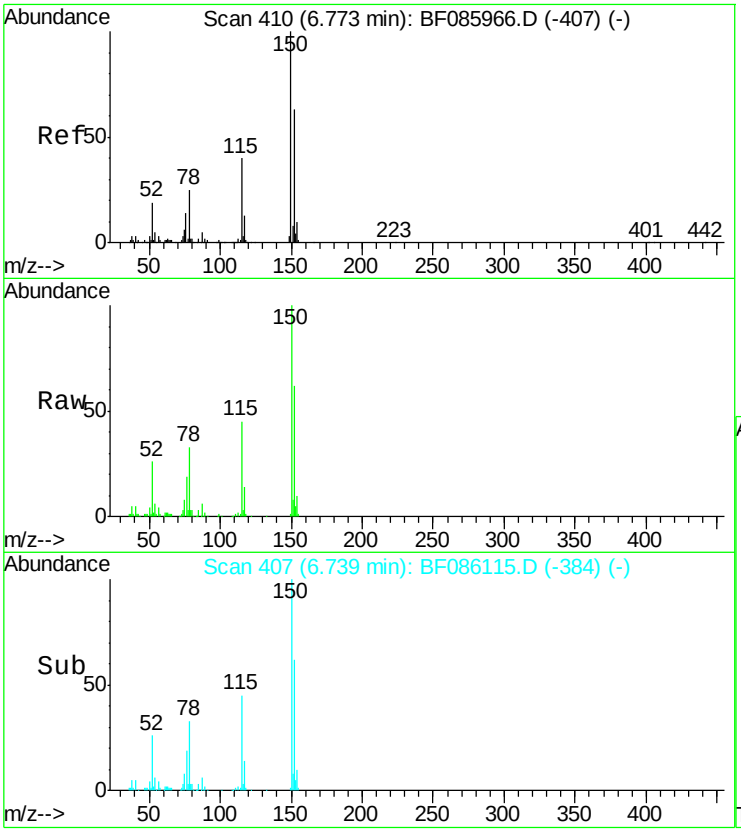


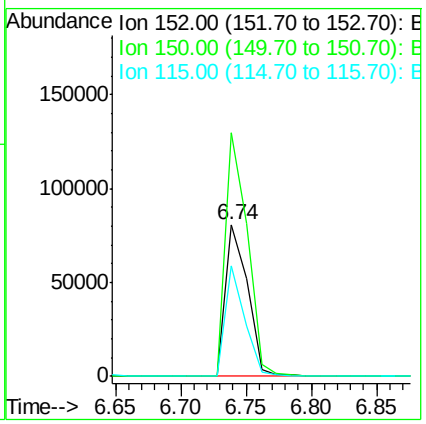


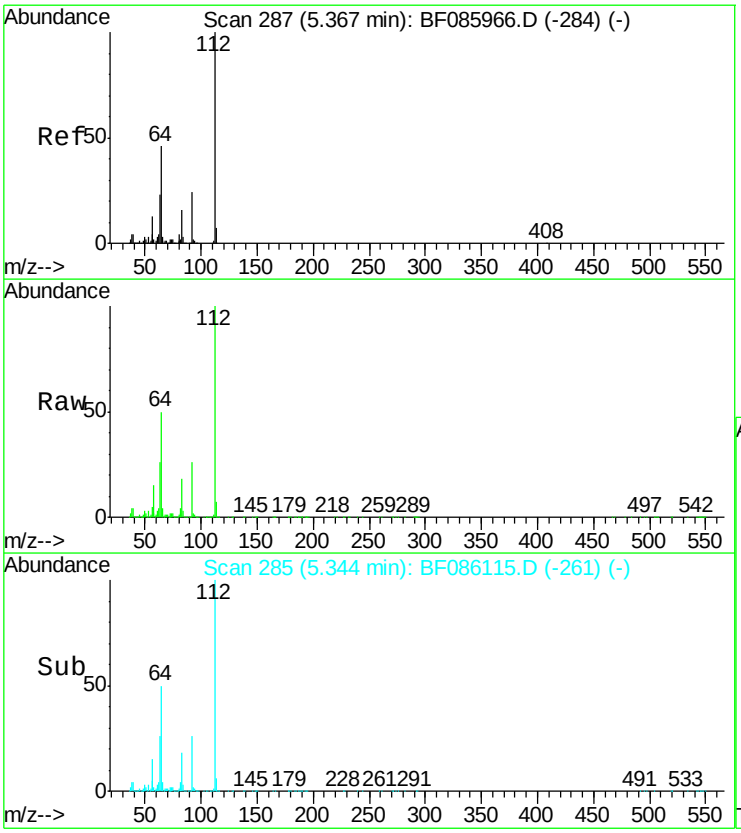
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:152 Resp: 95054

Ion	Ratio	Lower	Upper
152	100		
150	160.6	124.2	186.2
115	72.9	47.0	70.6#

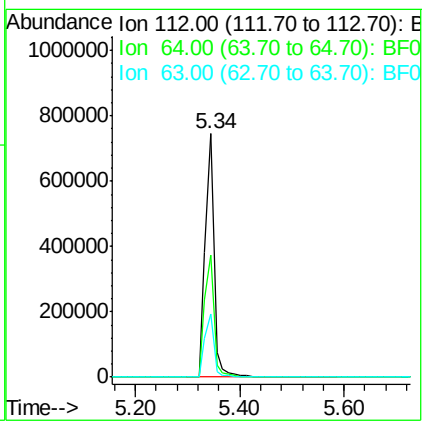


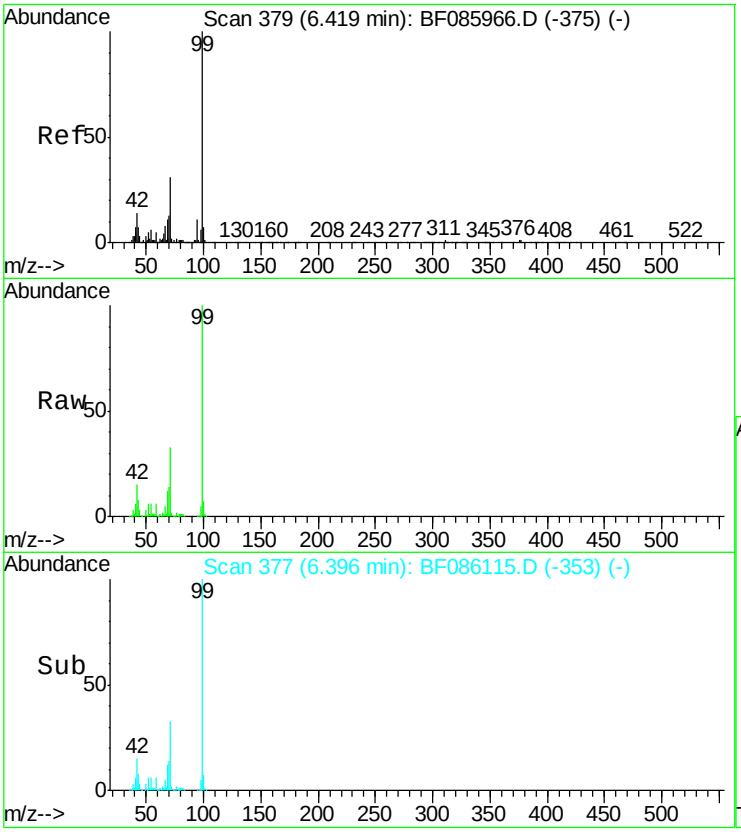


#5
2-Fluorophenol
Concen: 158.56 ng
RT: 5.34 min Scan# 285
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:112 Resp: 881729

Ion	Ratio	Lower	Upper
112	100		
64	50.2	39.9	59.9
63	25.9	20.2	30.2



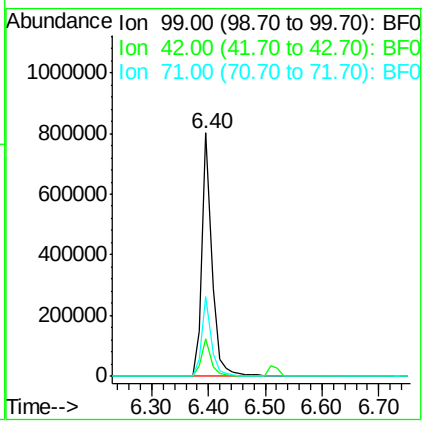


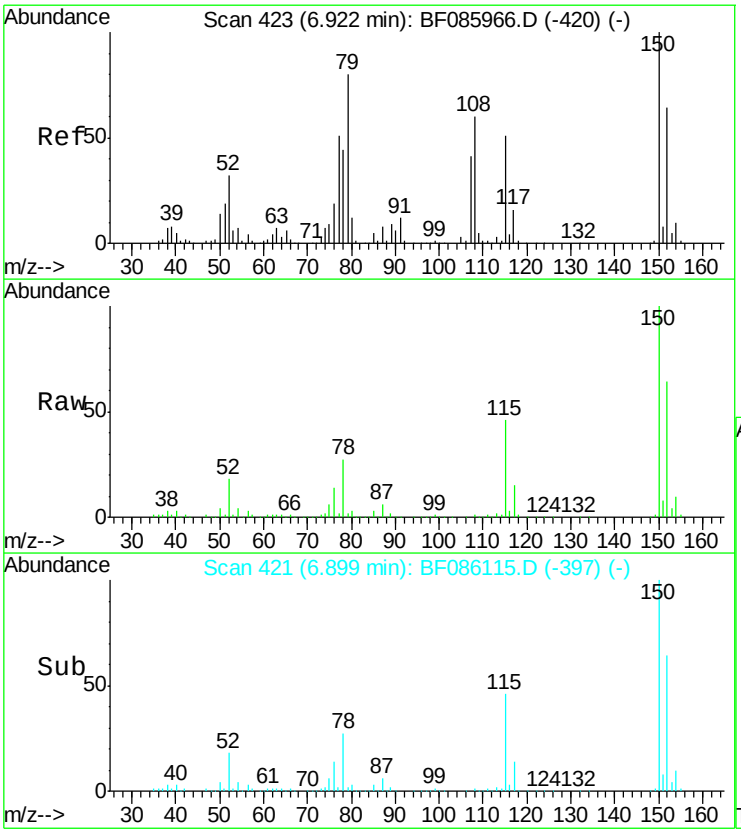
#7
Phenol-d6
Concen: 133.69 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion: 99 Resp: 944338

Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.1	16.7
71	32.9	24.9	37.3

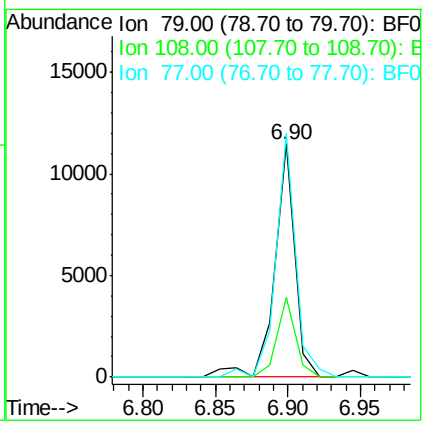


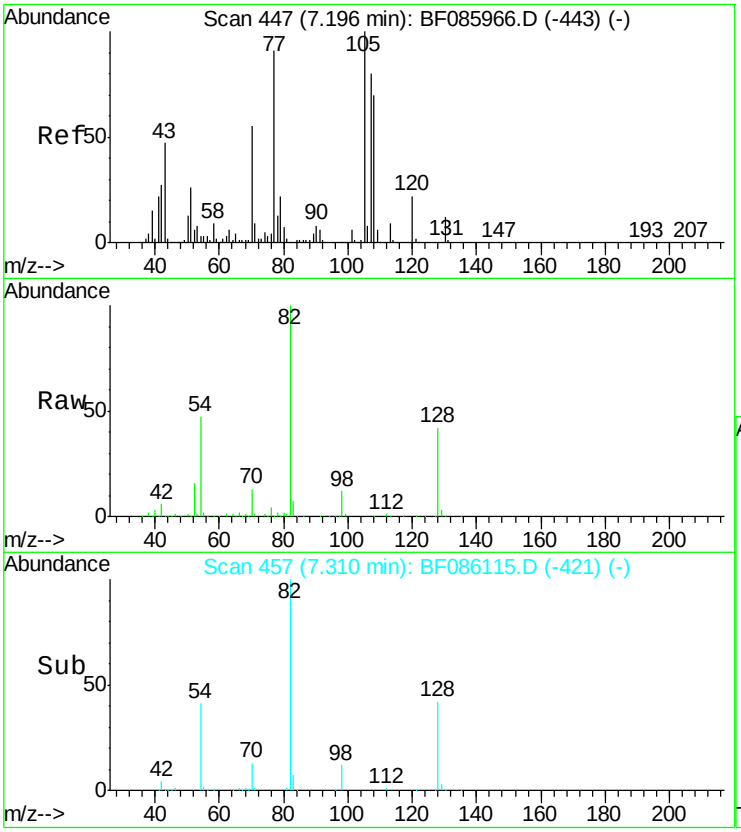


#15
Benzyl Alcohol
Concen: 2.42 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion: 79 Resp: 11057

Ion	Ratio	Lower	Upper
79	100		
108	34.4	61.8	92.6#
77	104.4	49.6	74.4#



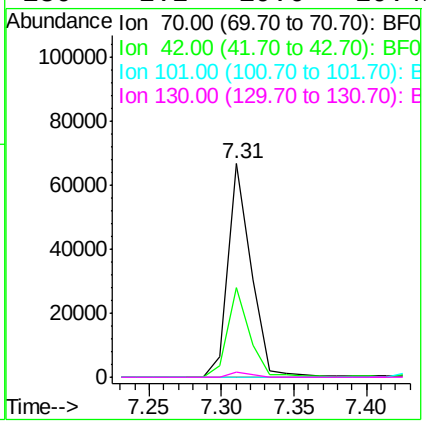


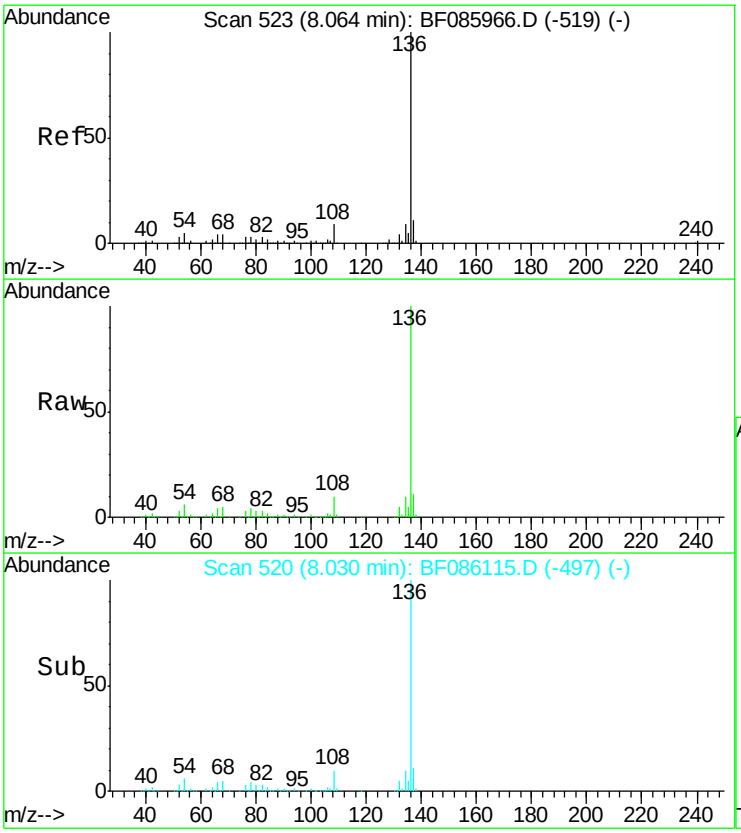
#19
n-Nitroso-di-n-propylamine
Concen: 17.08 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion: 70 Resp: 74761

Ion	Ratio	Lower	Upper
70	100		
42	41.8	37.1	55.7
101	0.0	8.6	12.8#
130	2.2	19.6	29.4#

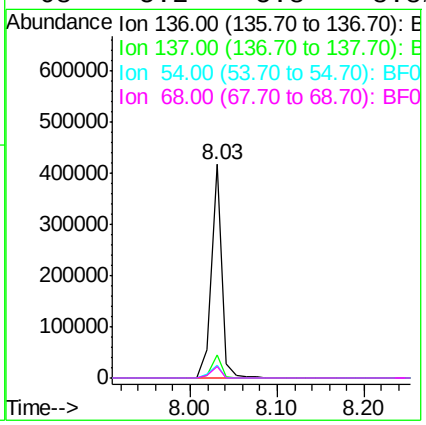


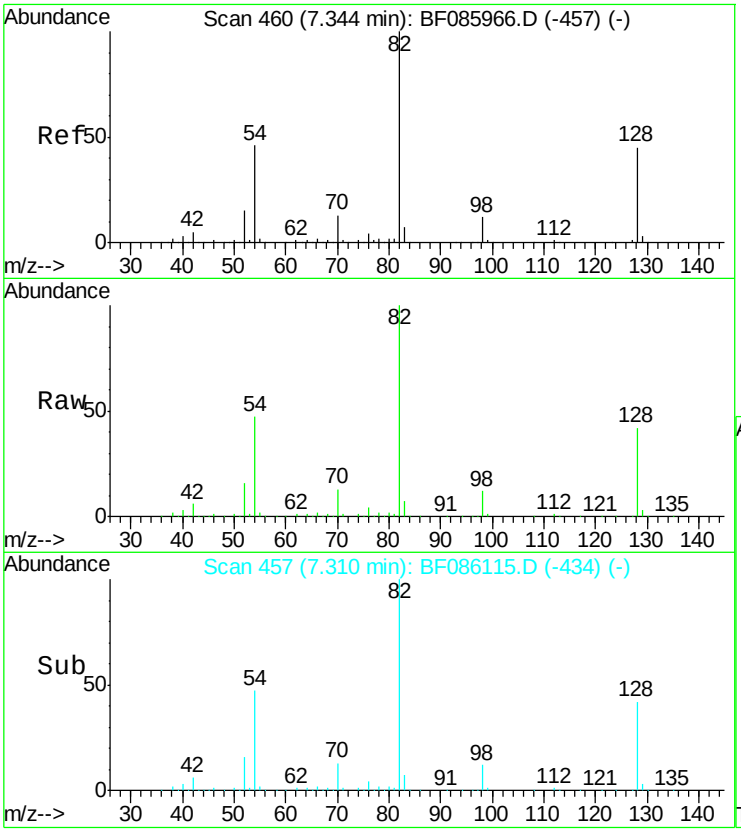


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:136 Resp: 349801

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.2	7.4	11.0#
68	5.2	5.8	8.8#



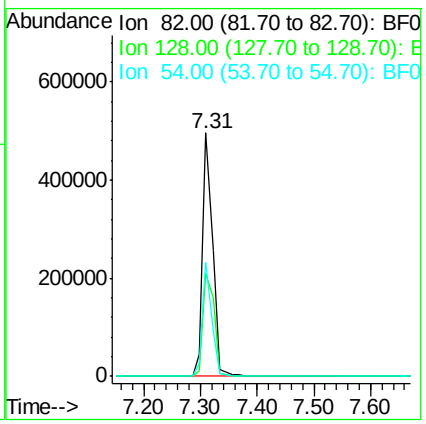


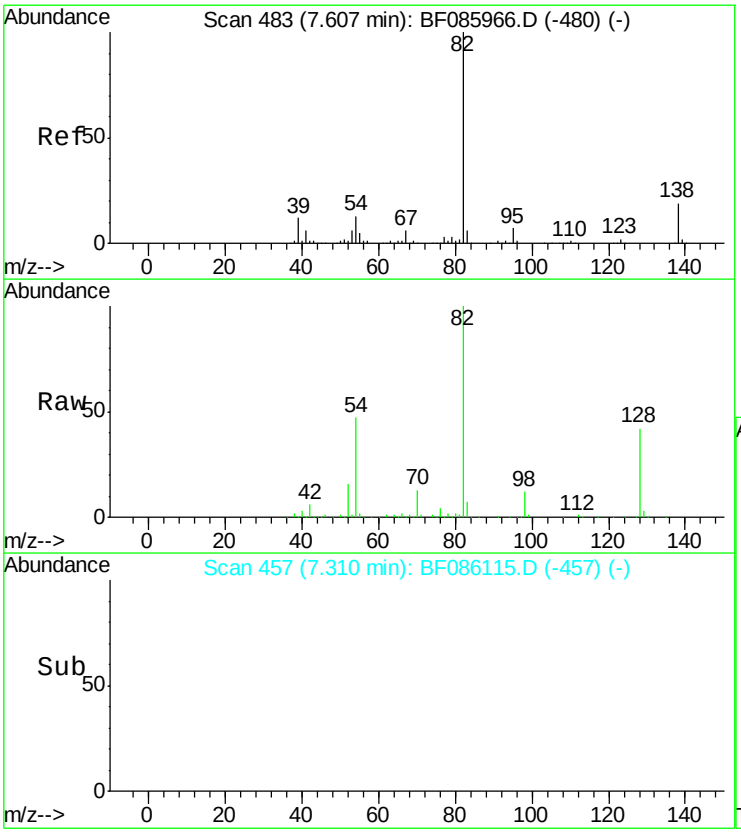
#23
Nitrobenzene-d5
Concen: 96.84 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion: 82 Resp: 574440

Ion	Ratio	Lower	Upper
82	100		
128	42.0	41.8	62.8
54	46.8	33.4	50.0

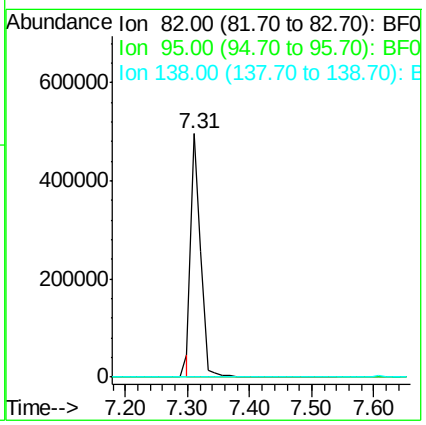


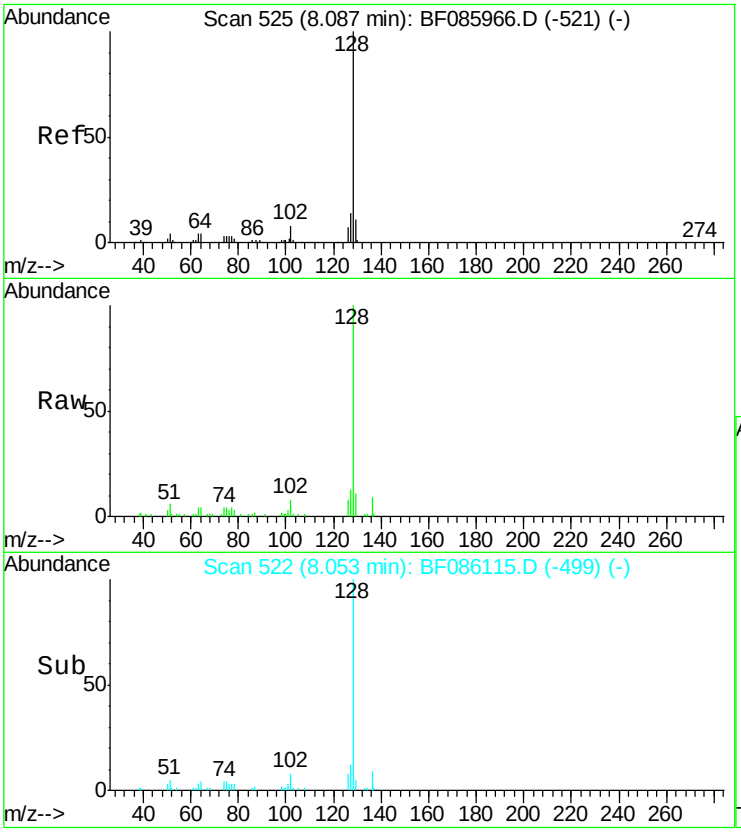


#25
Isophorone
Concen: 46.46 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion: 82 Resp: 543985

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#



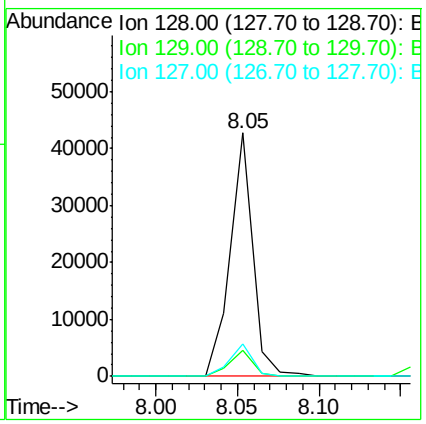


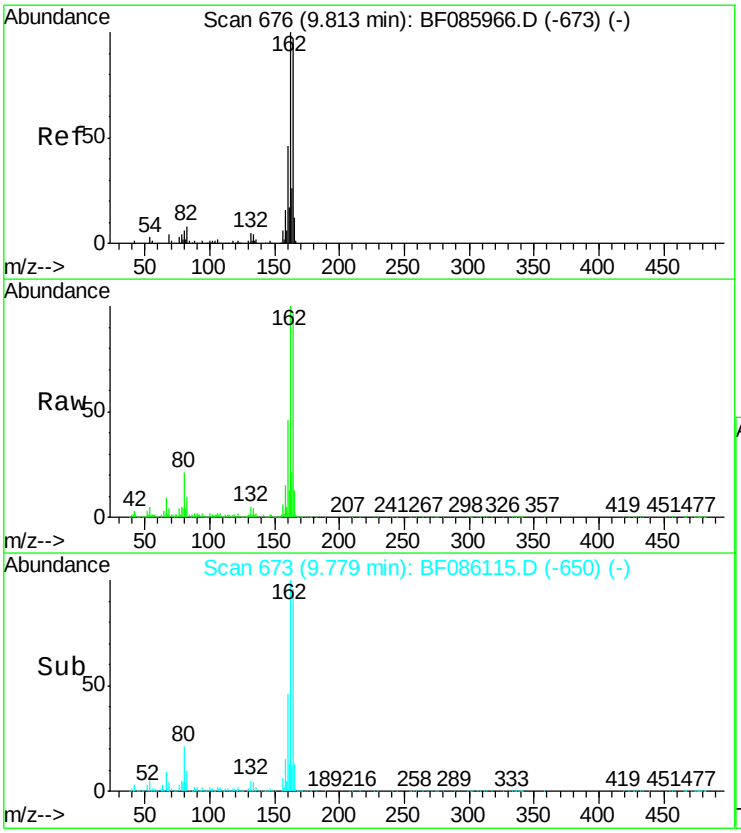
#31
Naphthalene
Concen: 2.31 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:128 Resp: 40654

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.4	14.0
127	13.3	11.0	16.6

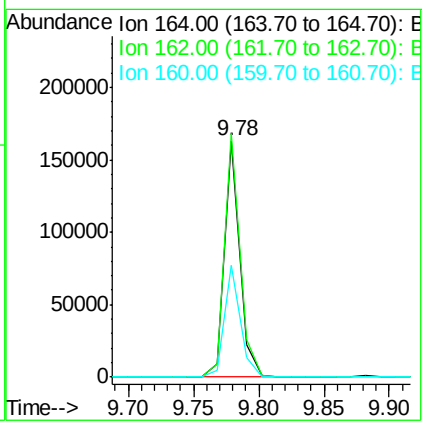


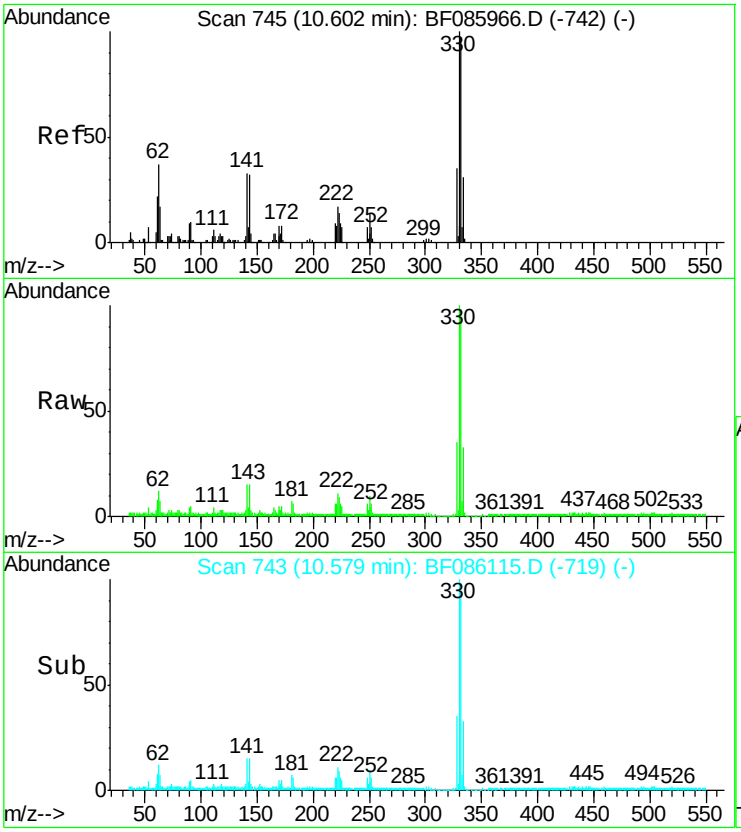


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:164 Resp: 135627

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.1	123.1
160	47.1	37.4	56.2



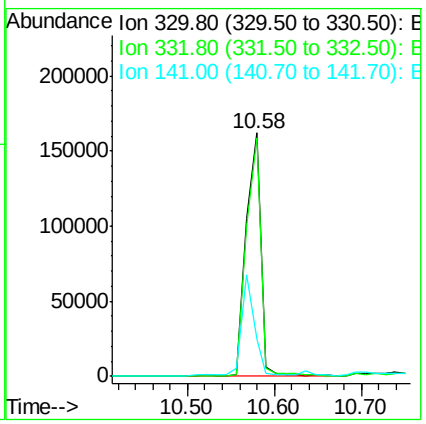


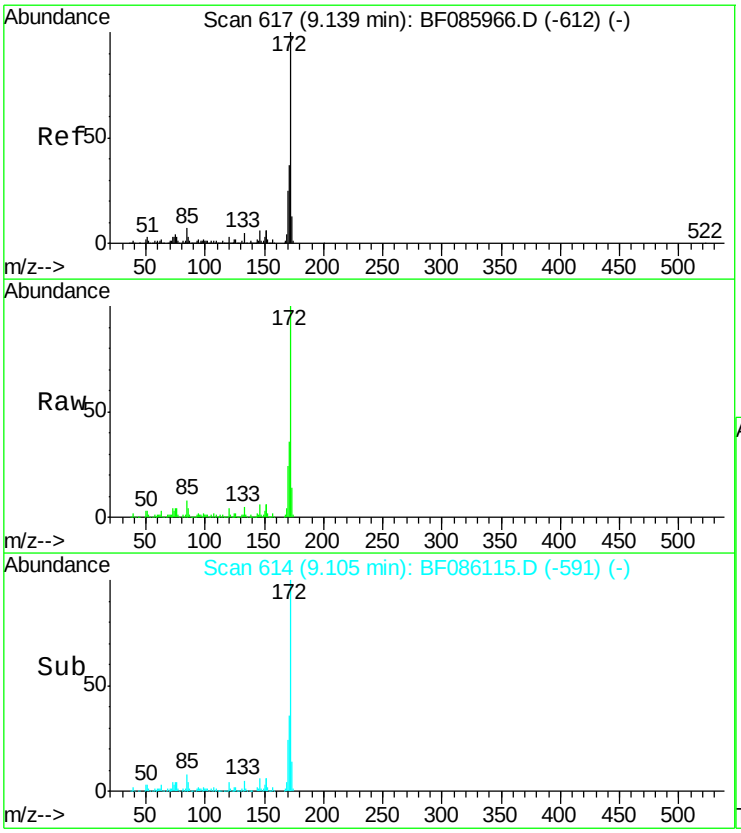
#41
2,4,6-Tribromophenol
Concen: 153.22 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:330 Resp: 195044

Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.2	117.2
141	35.6	31.5	47.3

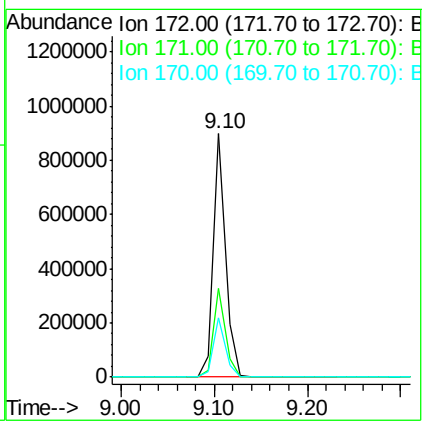


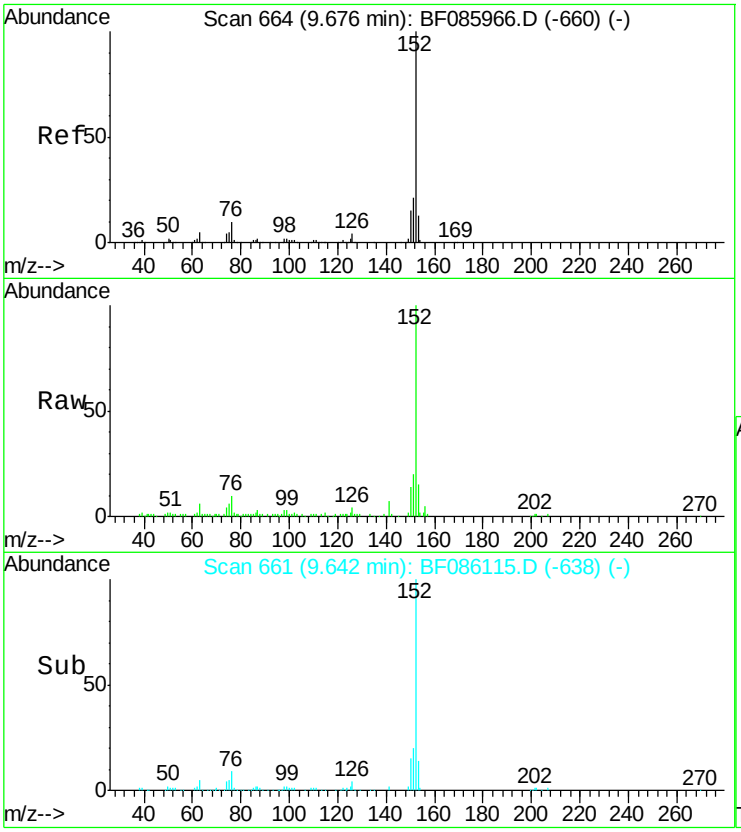


#44
2-Fluorobiphenyl
Concen: 99.55 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:172 Resp: 812017

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.5	19.8	29.6



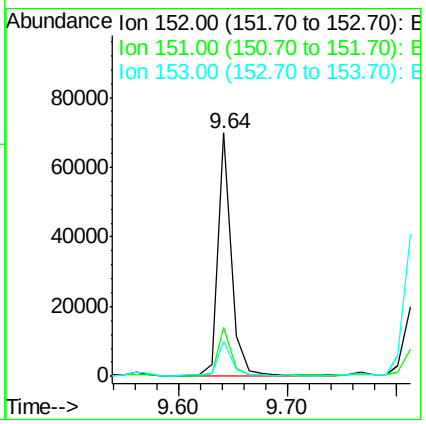


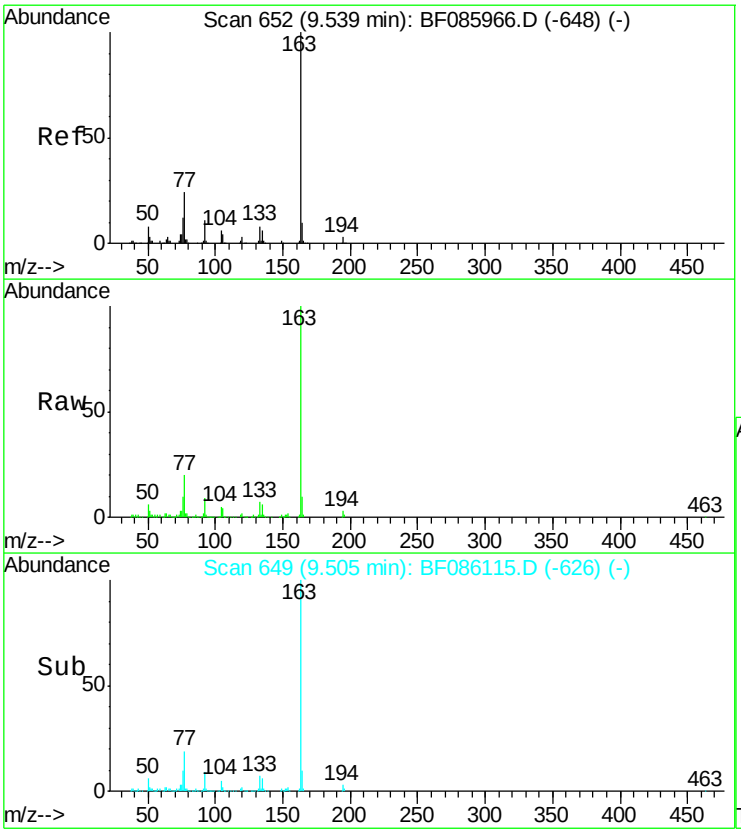
#48
Acenaphthylene
Concen: 4.60 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:152 Resp: 62449

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	14.6	10.9	16.3

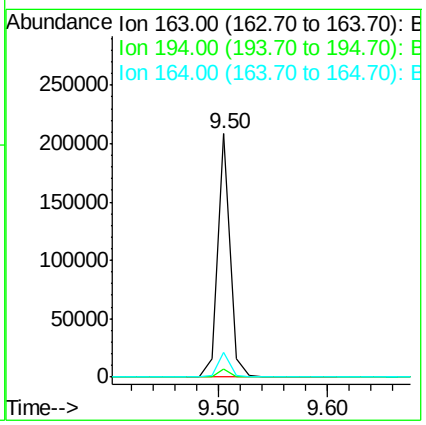


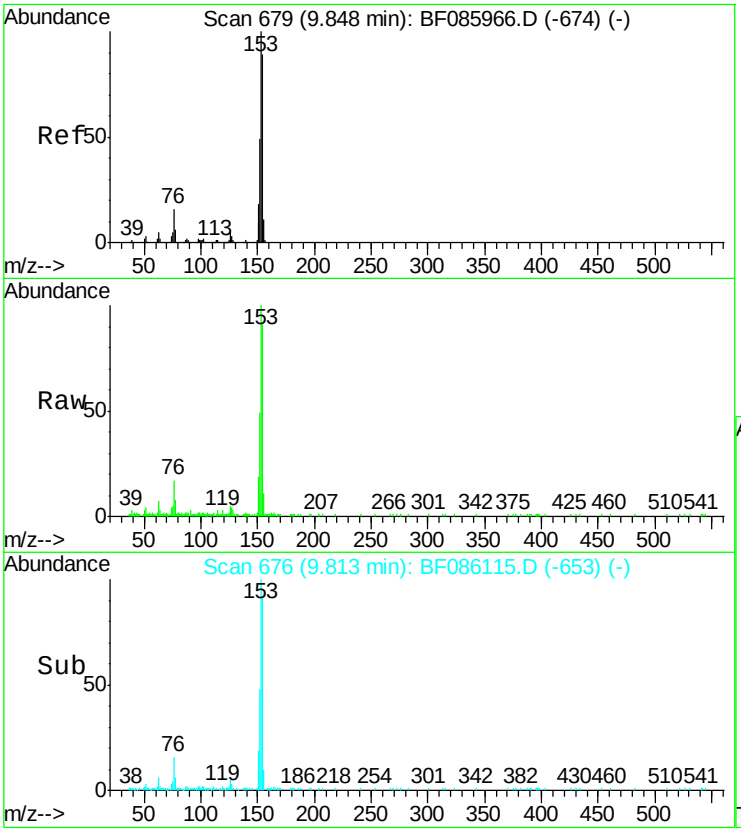


#49
Dimethylphthalate
Concen: 16.64 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:163 Resp: 167265

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.1	8.3	12.5



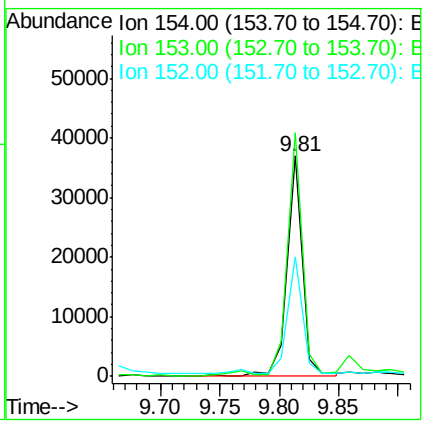


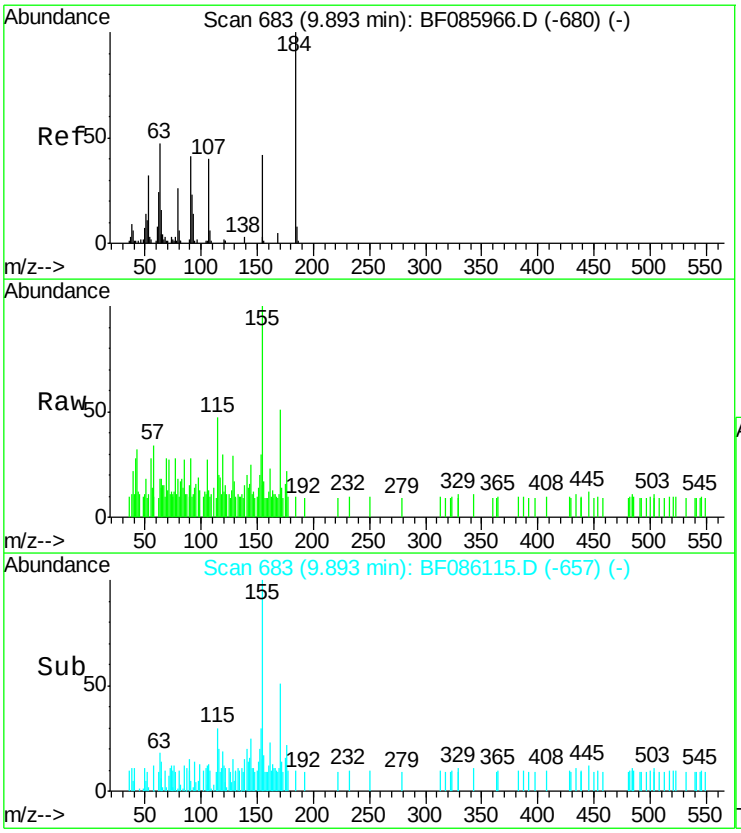
#51
Acenaphthene
Concen: 4.05 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:154 Resp: 32718

Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.1	135.1
152	54.1	44.2	66.2

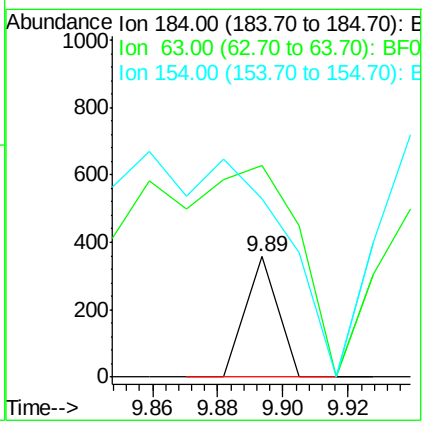


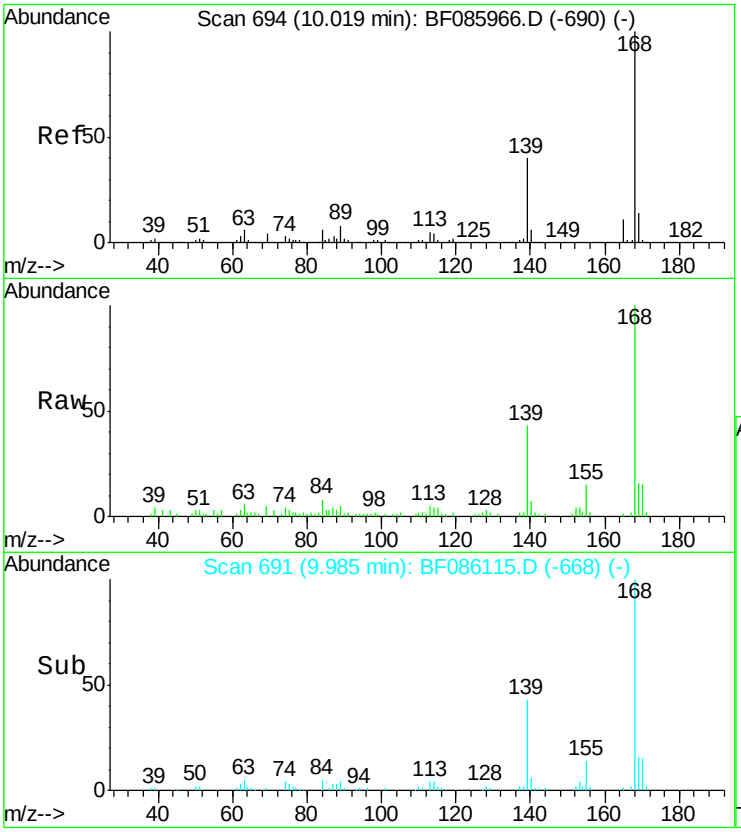


#53
2,4-Dinitrophenol
Concen: 2.25 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:184 Resp: 245

Ion	Ratio	Lower	Upper
184	100		
63	175.6	69.5	104.3#
154	148.7	58.3	87.5#



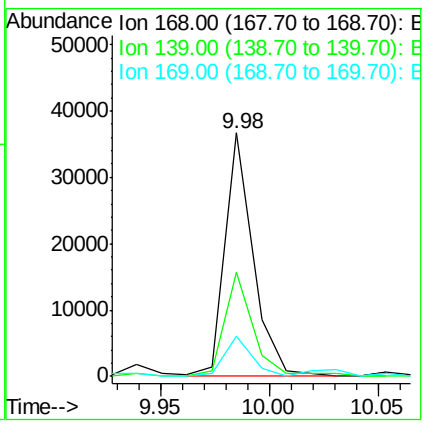


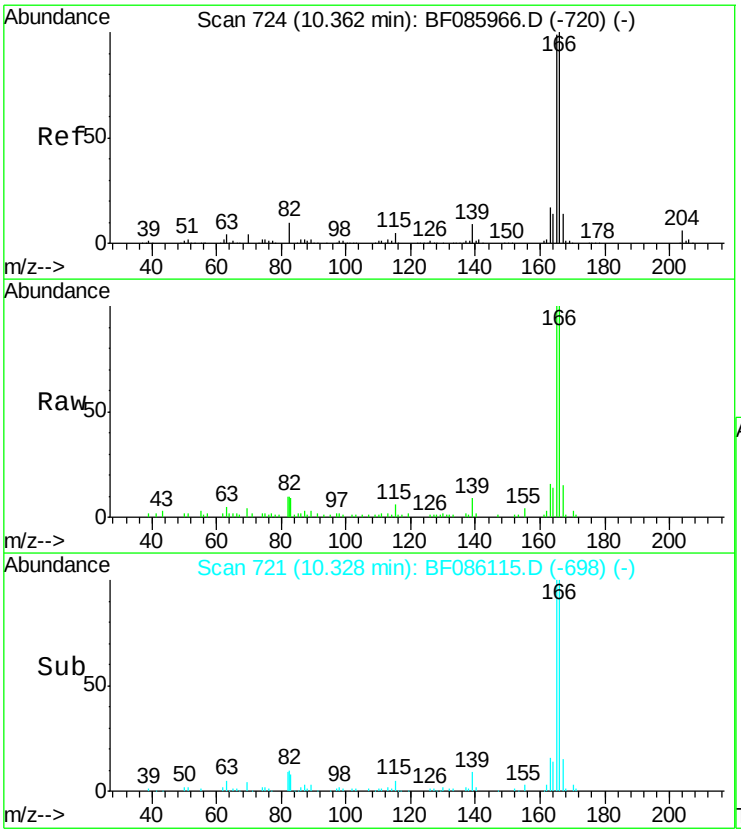
#54
Dibenzofuran
Concen: 3.08 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:168 Resp: 32849

Ion	Ratio	Lower	Upper
168	100		
139	43.0	31.9	47.9
169	16.3	11.0	16.6

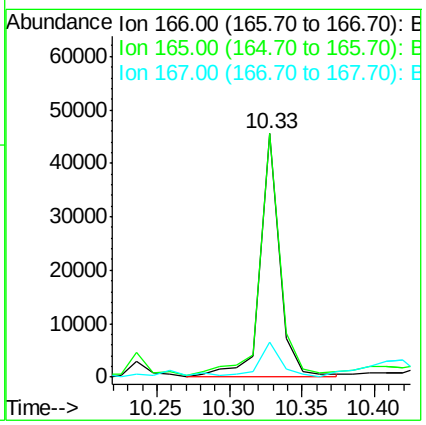


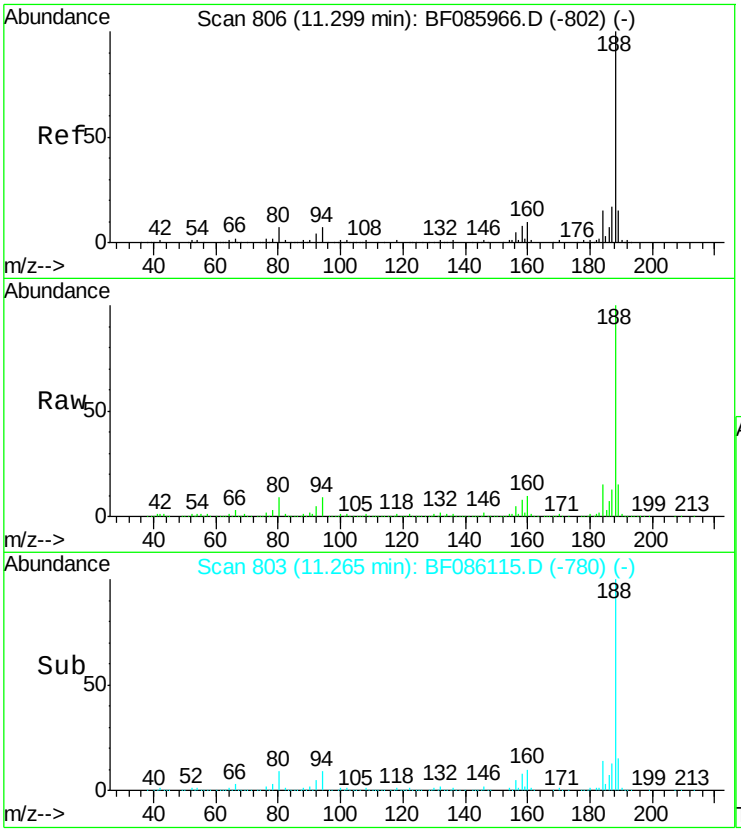


#57
Fluorene
Concen: 4.71 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:166 Resp: 42893

Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.4	119.0
167	14.5	11.0	16.4



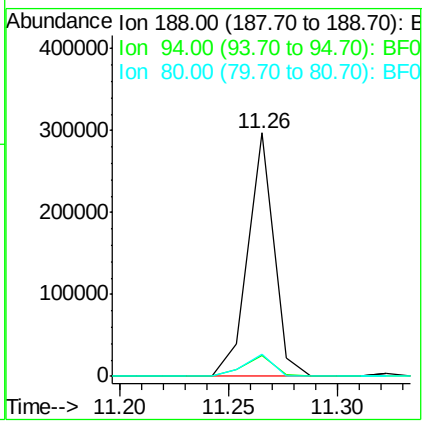


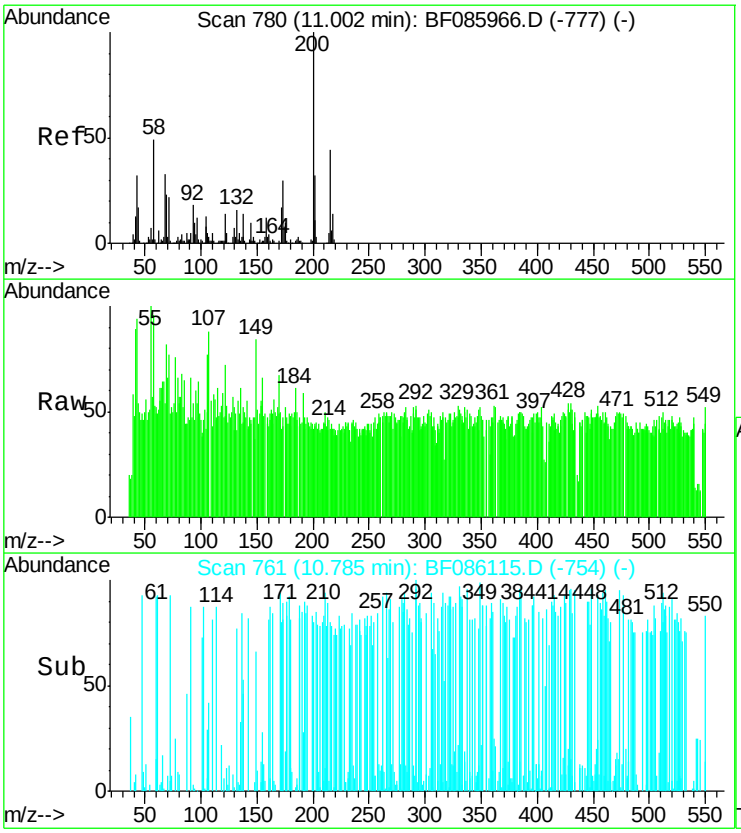
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:188 Resp: 247474

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.4	8.0#
80	8.9	5.5	8.3#

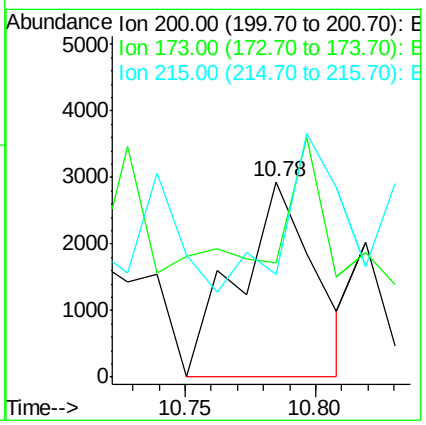


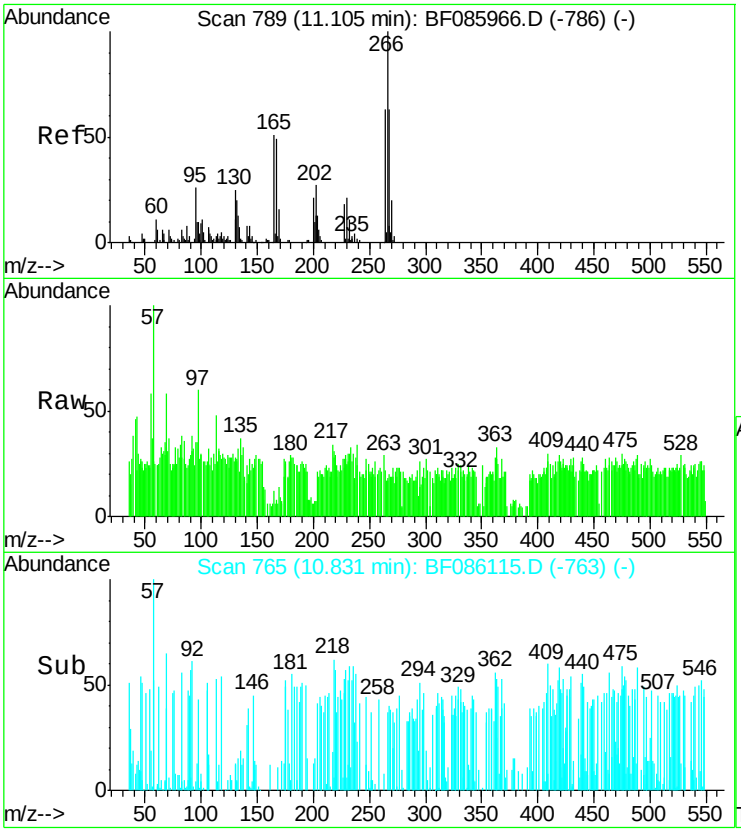


#68
Atrazine
Concen: 2.36 ng
RT: 10.78 min Scan# 761
Delta R.T. -0.22 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:200 Resp: 5906

Ion	Ratio	Lower	Upper
200	100		
173	58.4	7.7	47.7#
215	52.7	25.4	65.4



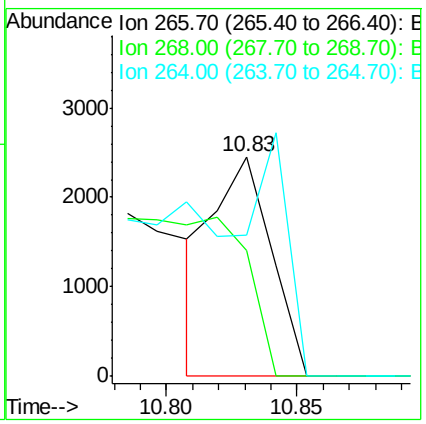


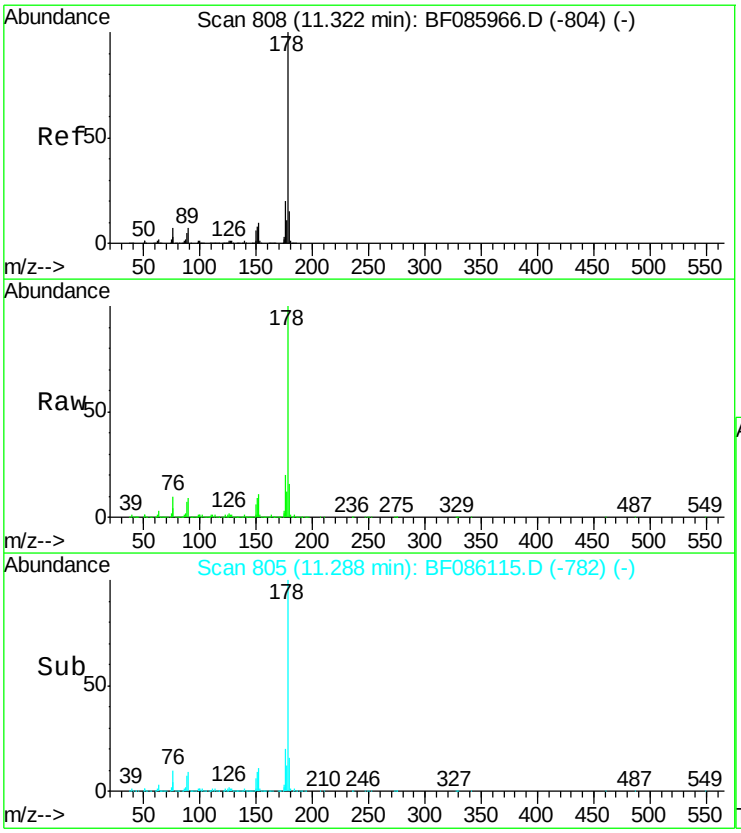
#69
Pentachlorophenol
Concen: 3.10 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:266 Resp: 3801

Ion	Ratio	Lower	Upper
266	100		
268	57.2	51.5	77.3
264	64.4	50.6	76.0

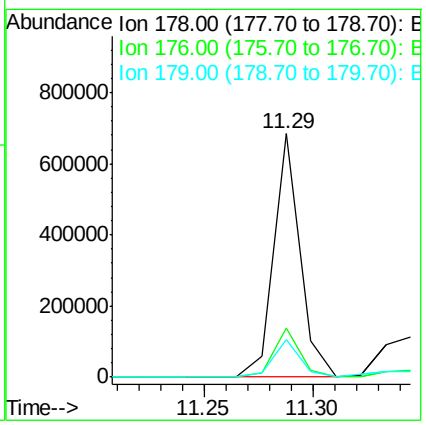


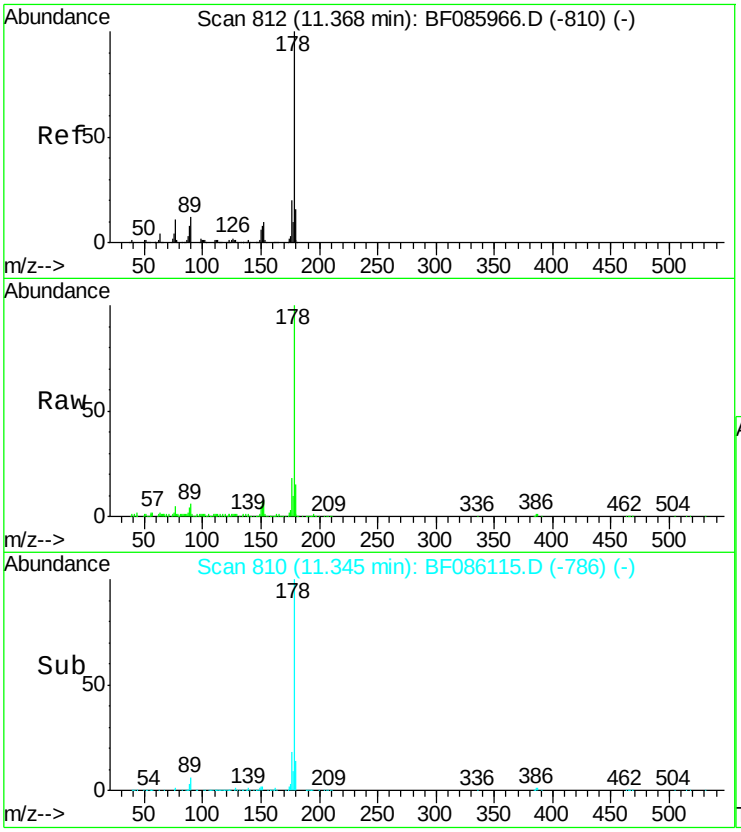


#70
Phenanthrene
Concen: 43.19 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:178 Resp: 583104

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.6	12.6	18.8



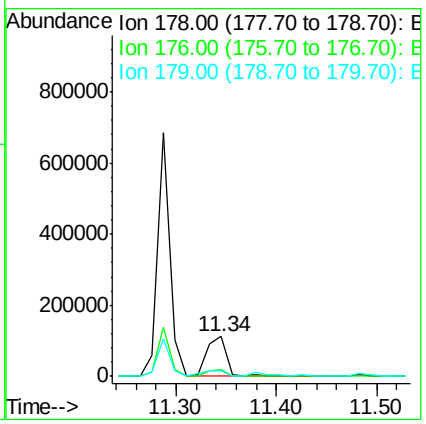


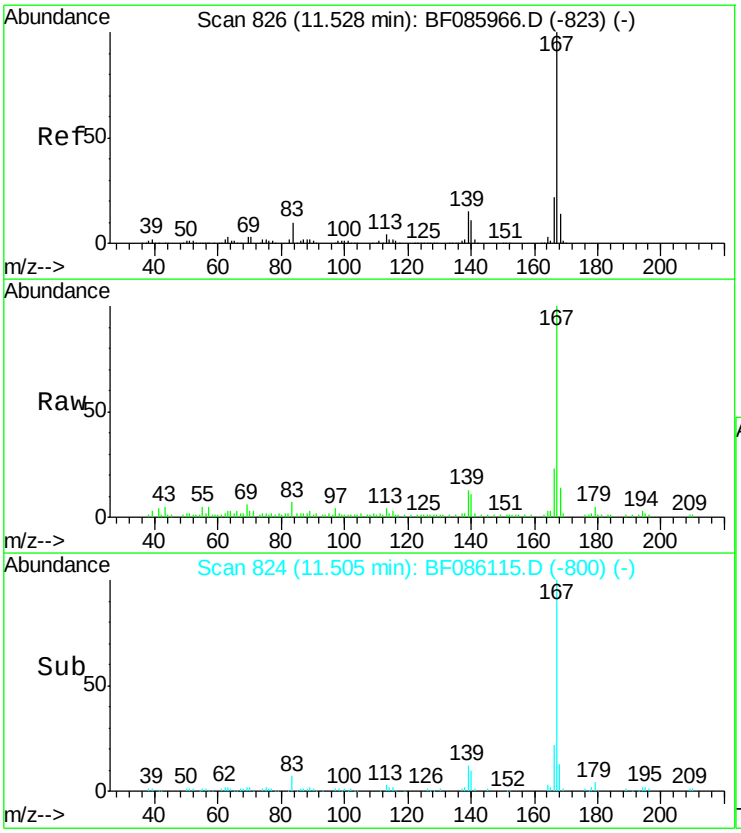
#71
Anthracene
Concen: 10.73 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:178 Resp: 151749

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.9	23.9
179	14.9	13.0	19.4

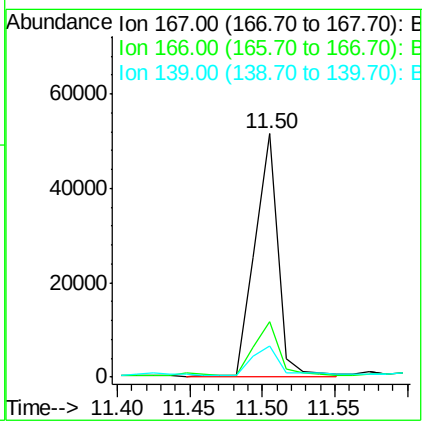


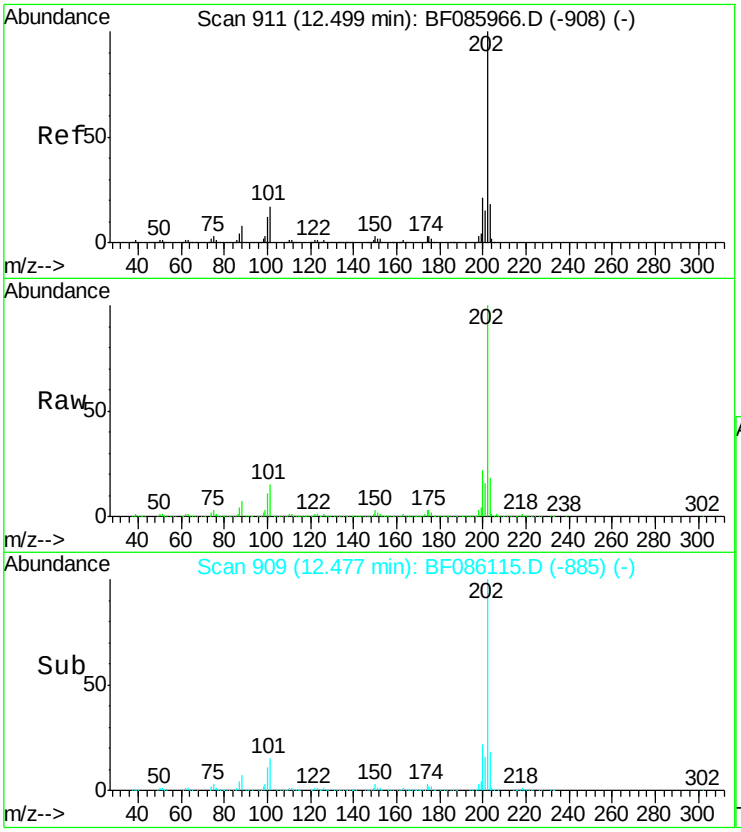


#72
Carbazole
Concen: 4.78 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:167 Resp: 58101

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	12.8	11.6	17.4



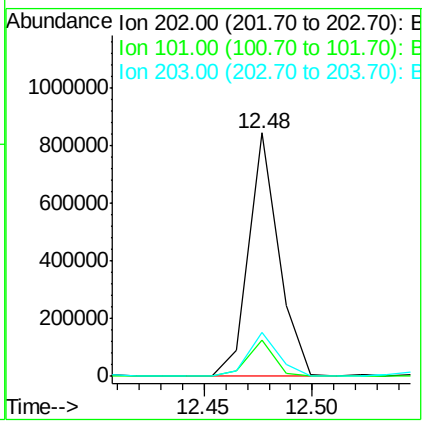


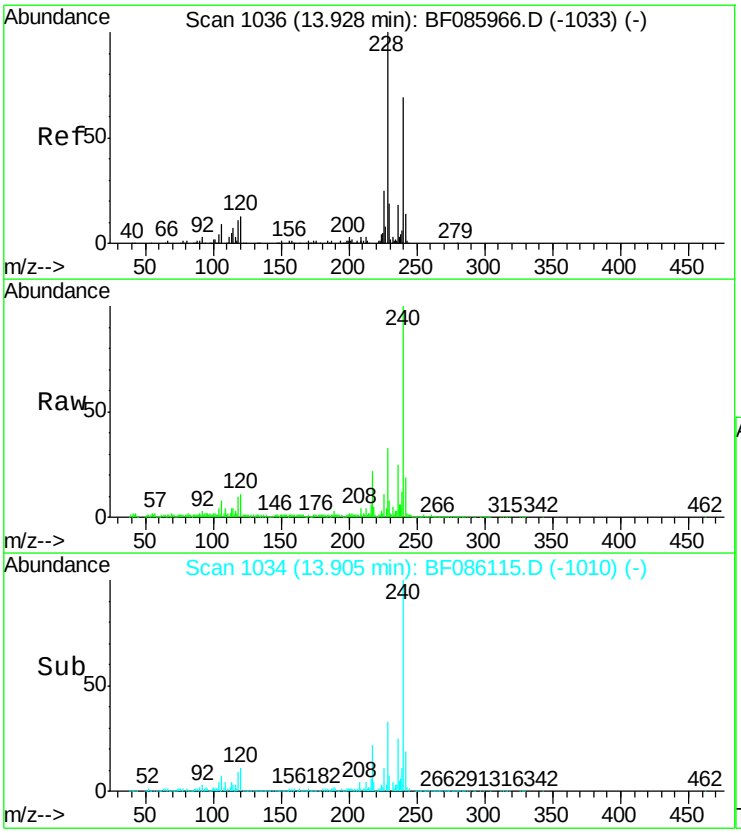
#74
Fluoranthene
Concen: 57.76 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:202 Resp: 811134

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	36.6
203	18.3	0.0	38.1

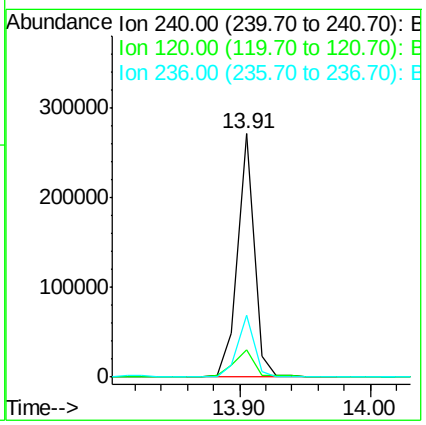


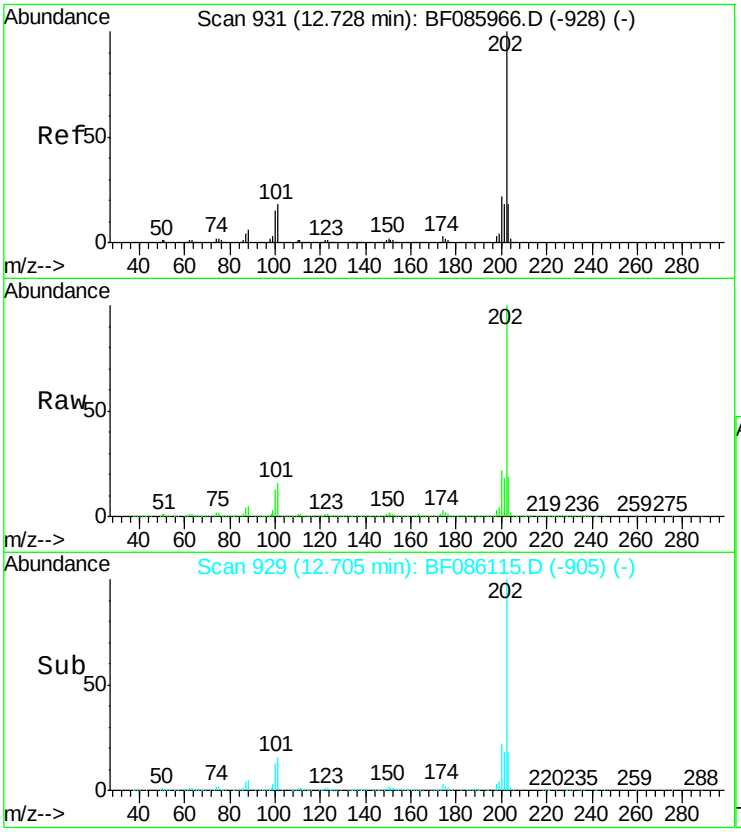


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:240 Resp: 238279

Ion	Ratio	Lower	Upper
240	100		
120	11.2	13.8	20.8#
236	25.4	20.6	30.8



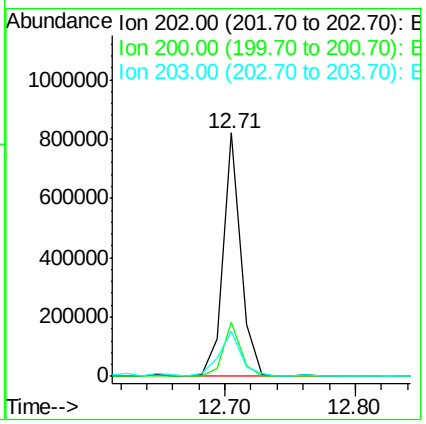


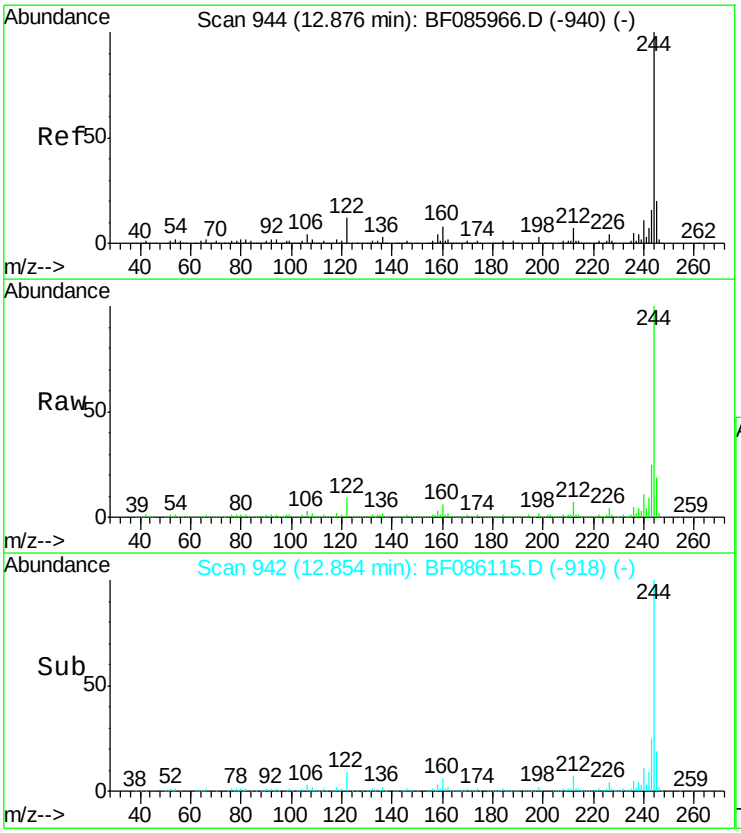
#77
Pyrene
Concen: 46.36 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:202 Resp: 778431

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.5	14.0	21.0

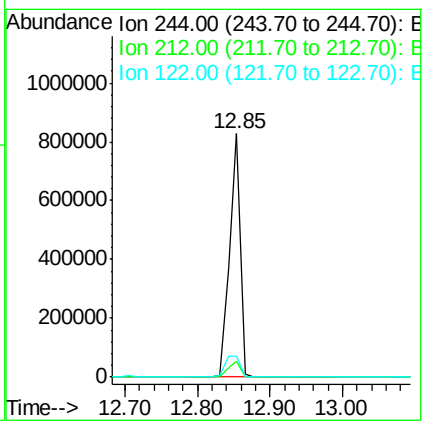


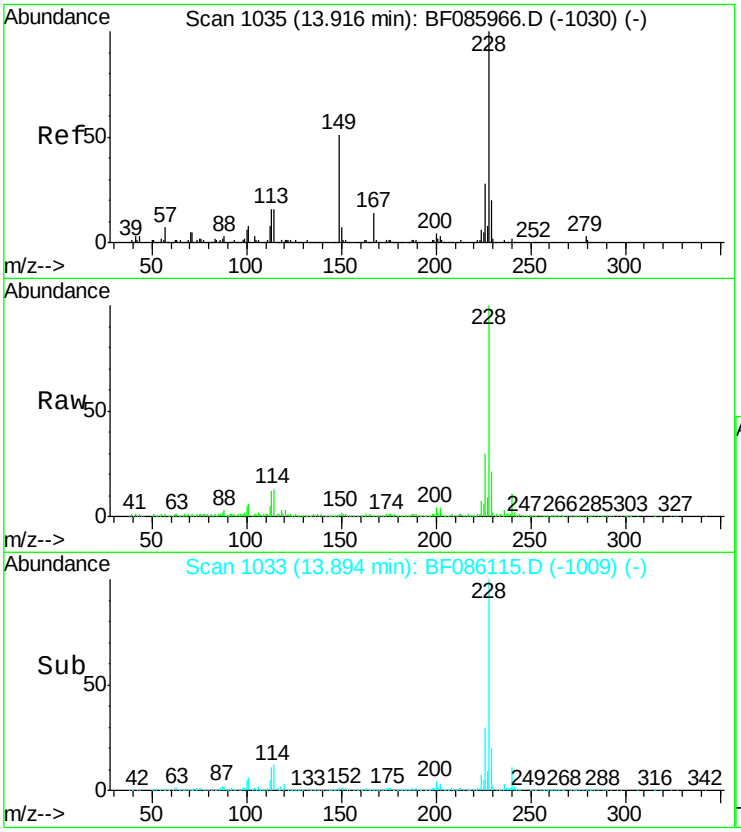


#78
Terphenyl-d14
Concen: 82.80 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:244 Resp: 839339

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	8.7	10.2	15.4#



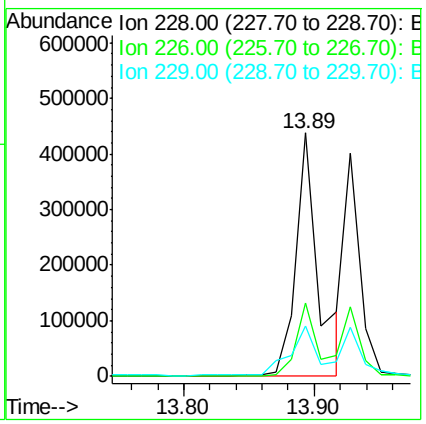


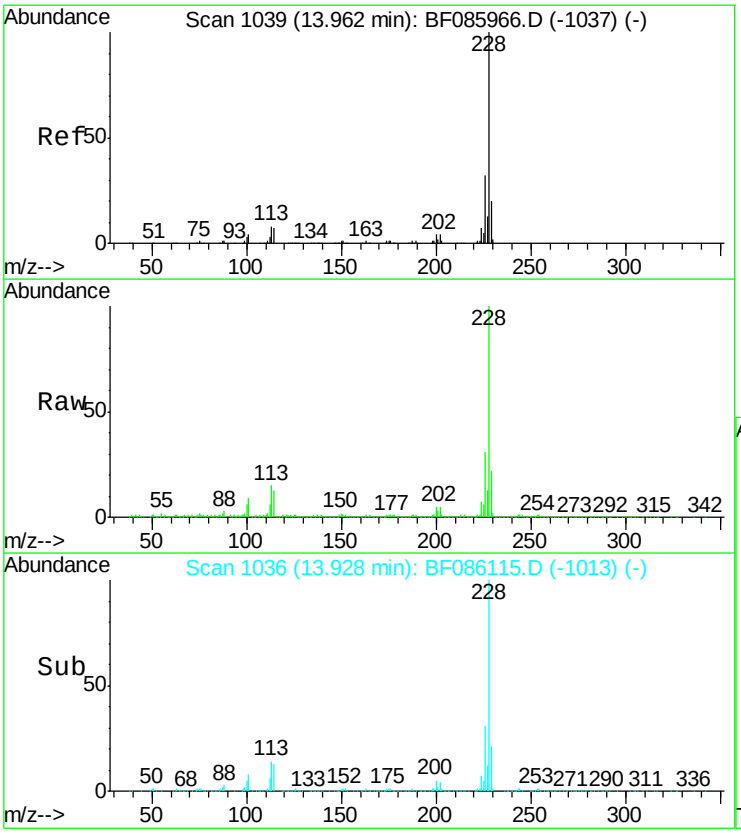
#80
Benzo(a)anthracene
Concen: 37.17 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:228 Resp: 522056

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.1	33.1
229	20.6	16.2	24.4

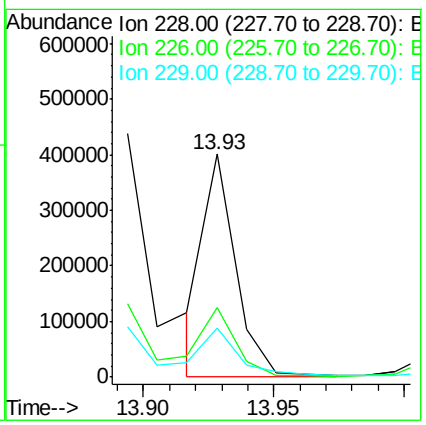


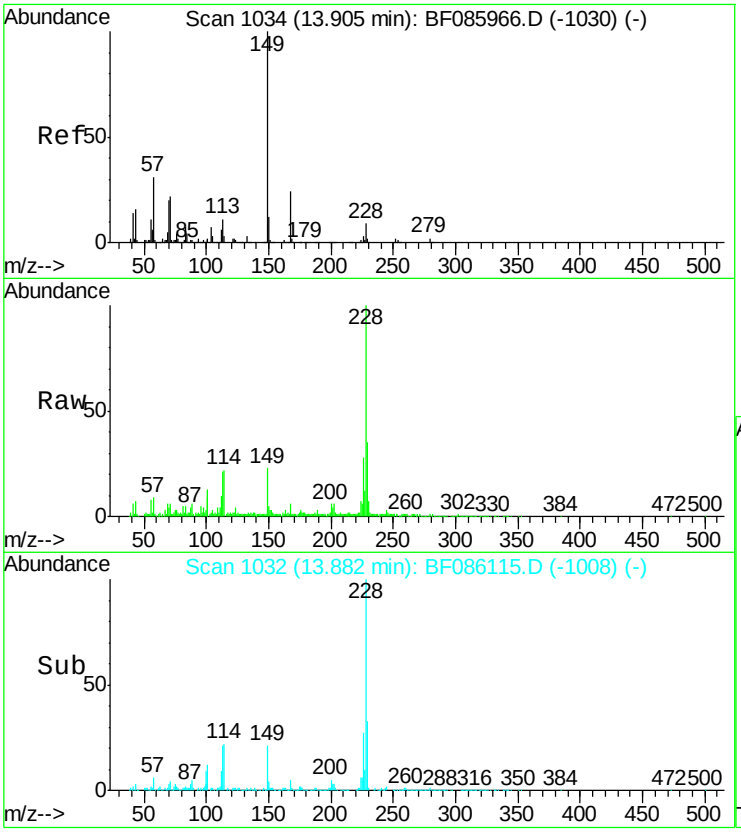


#82
Chrysene
Concen: 24.96 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:228 Resp: 337743

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	22.1	15.7	23.5



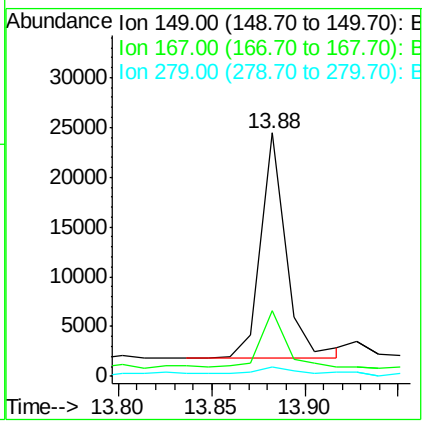


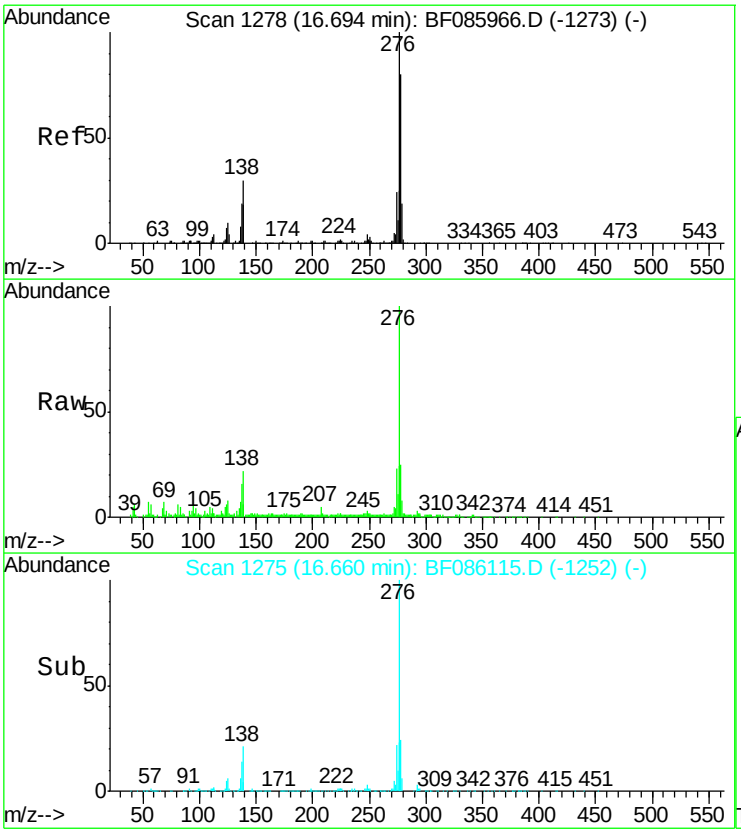
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.10 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:149 Resp: 21073

Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.4	29.2
279	3.9	1.5	2.3#

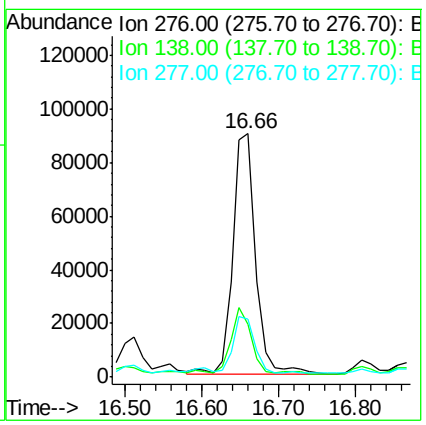


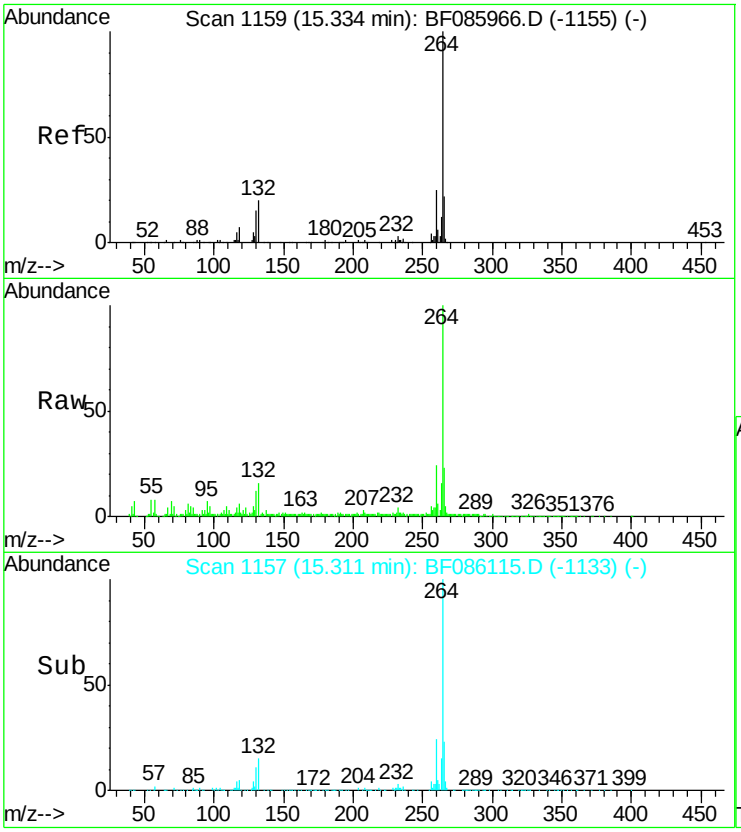


#85
Indeno(1,2,3-cd)pyrene
Concen: 16.97 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:276 Resp: 186320

Ion	Ratio	Lower	Upper
276	100		
138	25.4	24.2	36.4
277	22.5	20.0	30.0



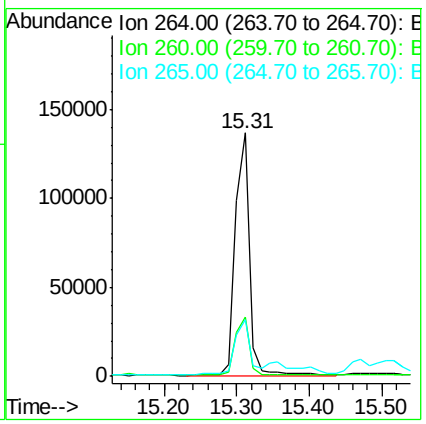


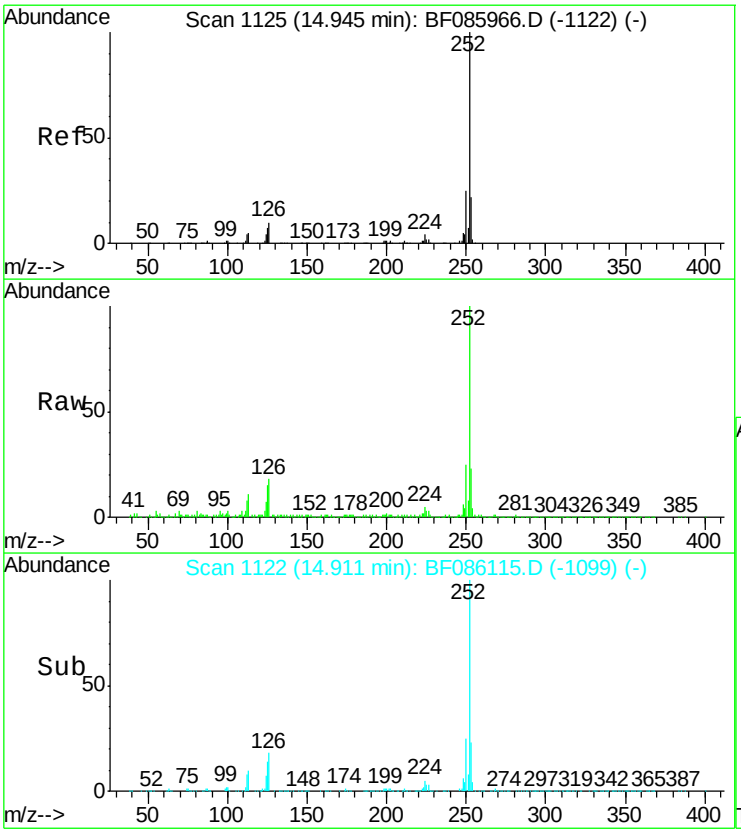
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:264 Resp: 184247

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	23.3	17.2	25.8

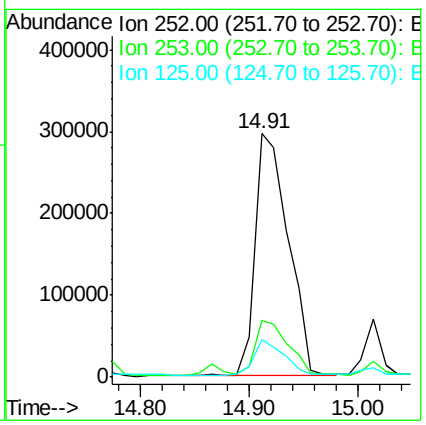


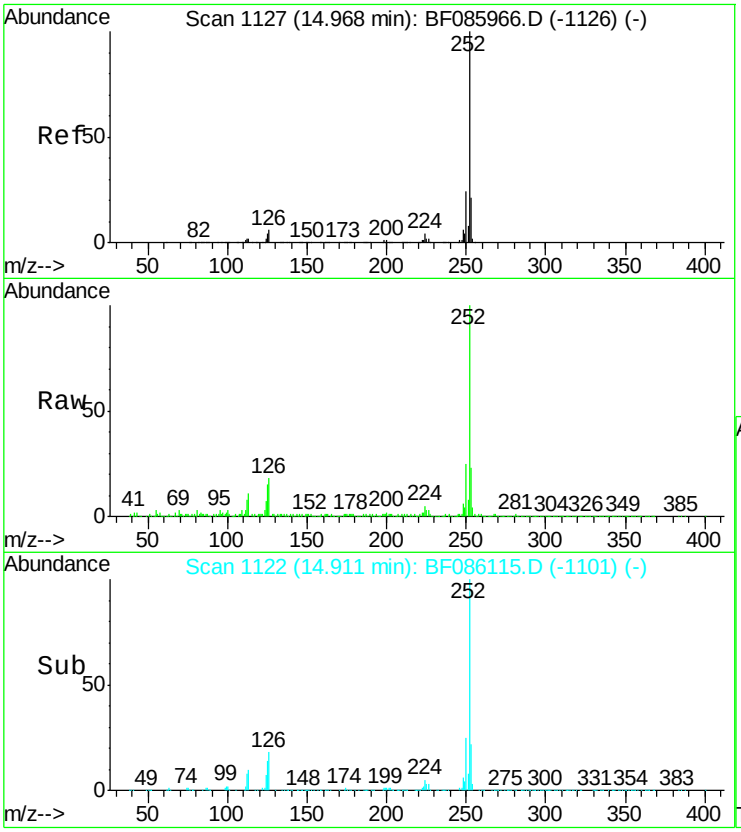


#87
Benzo(b)fluoranthene
Concen: 54.54 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:252 Resp: 632135

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	15.2	10.3	15.5



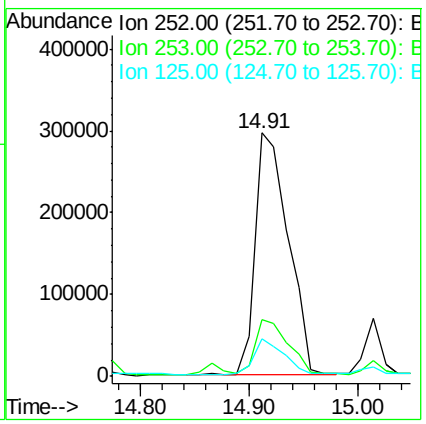


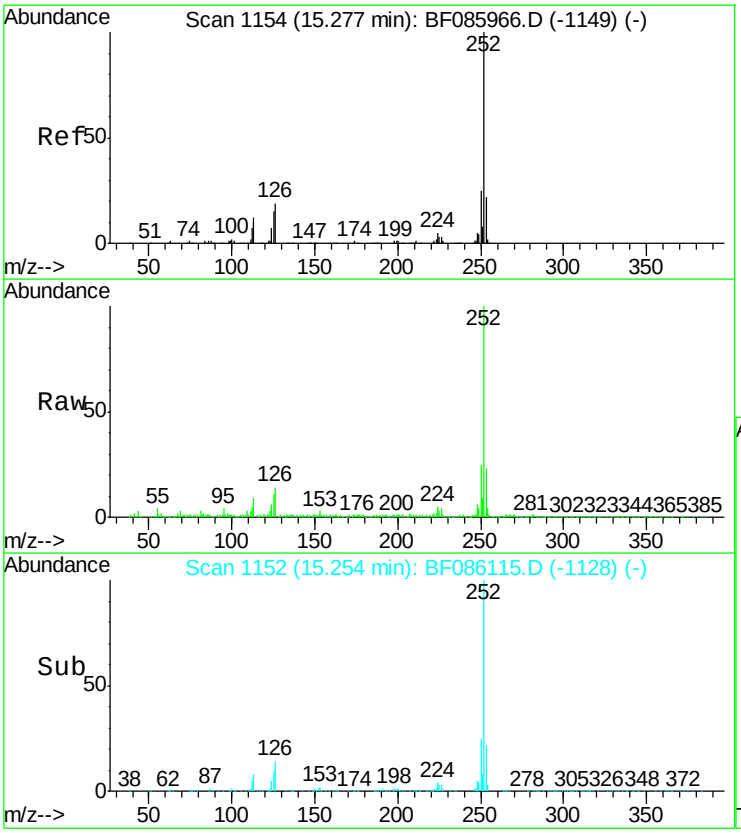
#88
Benzo(k)fluoranthene
Concen: 61.59 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:252 Resp: 632135

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	15.2	7.7	11.5#

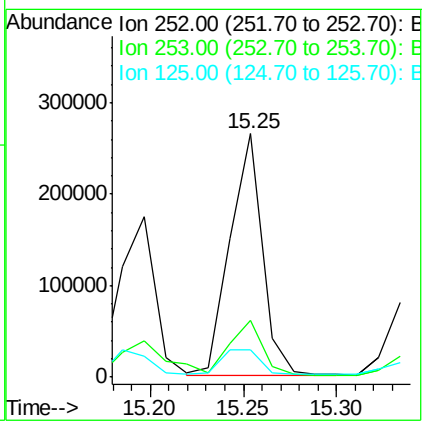


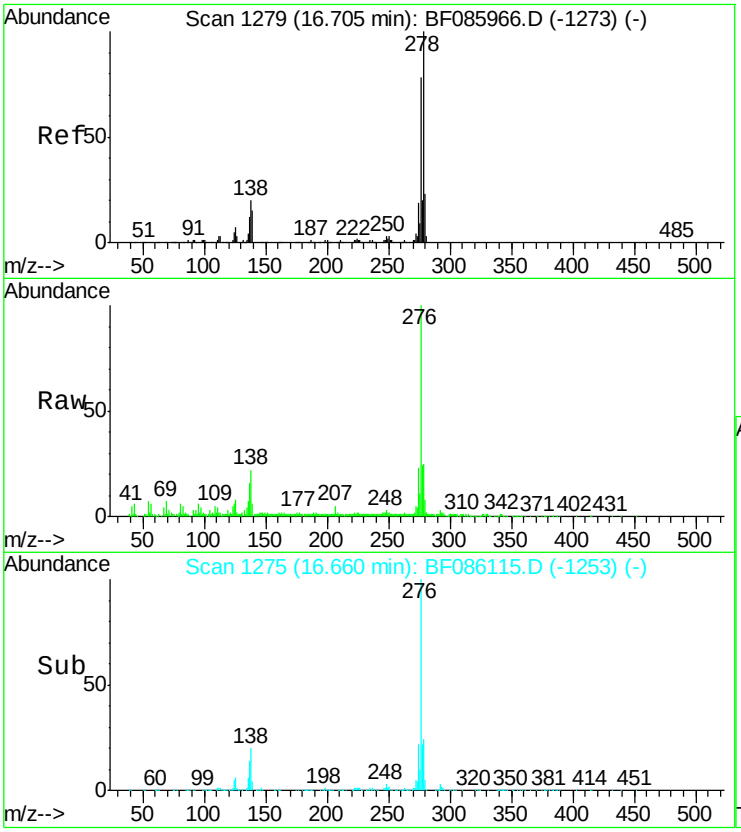


#89
Benzo(a)pyrene
Concen: 31.36 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:252 Resp: 322015

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	11.0	10.3	15.5



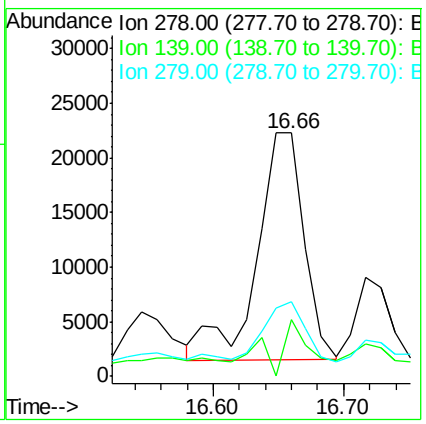


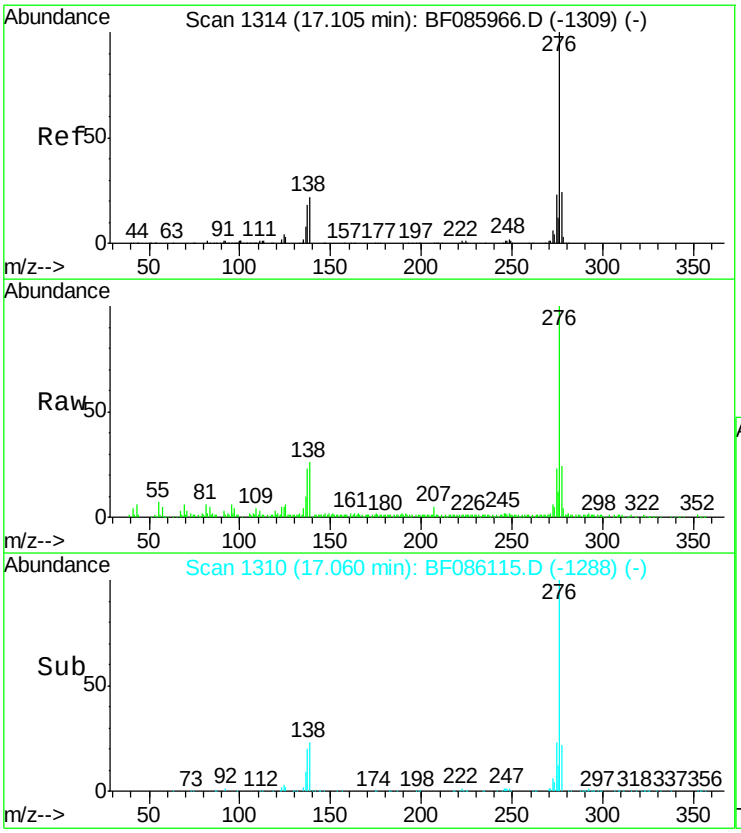
#90
Dibenzo(a,h)anthracene
Concen: 6.37 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Instrument :
BNA_F
ClientSampleId :
DUP-032916

Tgt Ion:278 Resp: 52669

Ion	Ratio	Lower	Upper
278	100		
139	23.3	14.4	21.6#
279	30.7	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 21.12 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF086115.D
Acq: 6 Apr 2016 23:24

Tgt Ion:276 Resp: 168845

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	25.7	22.6	34.0