Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086206.D
Acq On : 9 Apr 2016 9:02
Operator : UM/SJ
Sample : H2310-04DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB1-0-6.0DL

Quant Time: Apr 11 00:40:17 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	6.73	152	117811	20.00	ng		-0.05
21) Naphthalene-d8	8.01	136	447110	20.00	ng		-0.06
38) Acenaphthene-d10	9.77	164	181898	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	299829	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	259635	20.00	ng		-0.05
86) Perylene-d12	15.28	264	205922	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	113200	16.42	ng		-0.05
7) Phenol-d6	6.37	99	158333	18.09	ng		-0.05
23) Nitrobenzene-d5	7.30	82	80599	10.63	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	21366	12.51	ng		-0.05
44) 2-Fluorobiphenyl	9.08	172	155059	14.17	ng		-0.06
78) Terphenyl-d14	12.82	244	100032	9.06	ng		-0.06
Target Compounds							Qvalue
15) Benzyl Alcohol	6.91	79	16027	2.83	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	10867	2.00	ng	#	78
31) Naphthalene	8.03	128	179568	7.98	ng		97
33) 4-Chloroaniline	8.03	127	22172	2.44	ng	#	34
37) 2-Methylnaphthalene	8.73	142	39725	2.70	ng		97
50) 2,6-Dinitrotoluene	9.76	165	24269	8.51	ng	#	18
51) Acenaphthene	9.79	154	38212	3.53	ng		97
54) Dibenzofuran	9.97	168	46644	3.26	ng		98
55) 4-Nitrophenol	9.97	139	19453	9.60	ng	#	11
56) 2,4-Dinitrotoluene	9.76	165	24269	6.73	ng	#	37
57) Fluorene	10.30	166	52535	4.30	ng		99
70) Phenanthrene	11.26	178	376333	23.01	ng		99
71) Anthracene	11.32	178	111722	6.52	ng		98
72) Carbazole	11.48	167	48044	3.26	ng		98
74) Fluoranthene	12.45	202	342907	20.16	ng		96
77) Pyrene	12.68	202	284124	15.53	ng		99
80) Benzo(a)anthracene	13.87	228	136963	8.95	ng		98
82) Chrysene	13.91	228	90487	6.14	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	46214	4.23	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	50839	4.25	ng		97
87) Benzo(b)fluoranthene	14.89	252	172902	13.35	ng		98
88) Benzo(k)fluoranthene	14.89	252	172902	15.07	ng	#	96
89) Benzo(a)pyrene	15.22	252	78473	6.84	ng		95
91) Benzo(g,h,i)perylene	17.01	276	49590	5.55	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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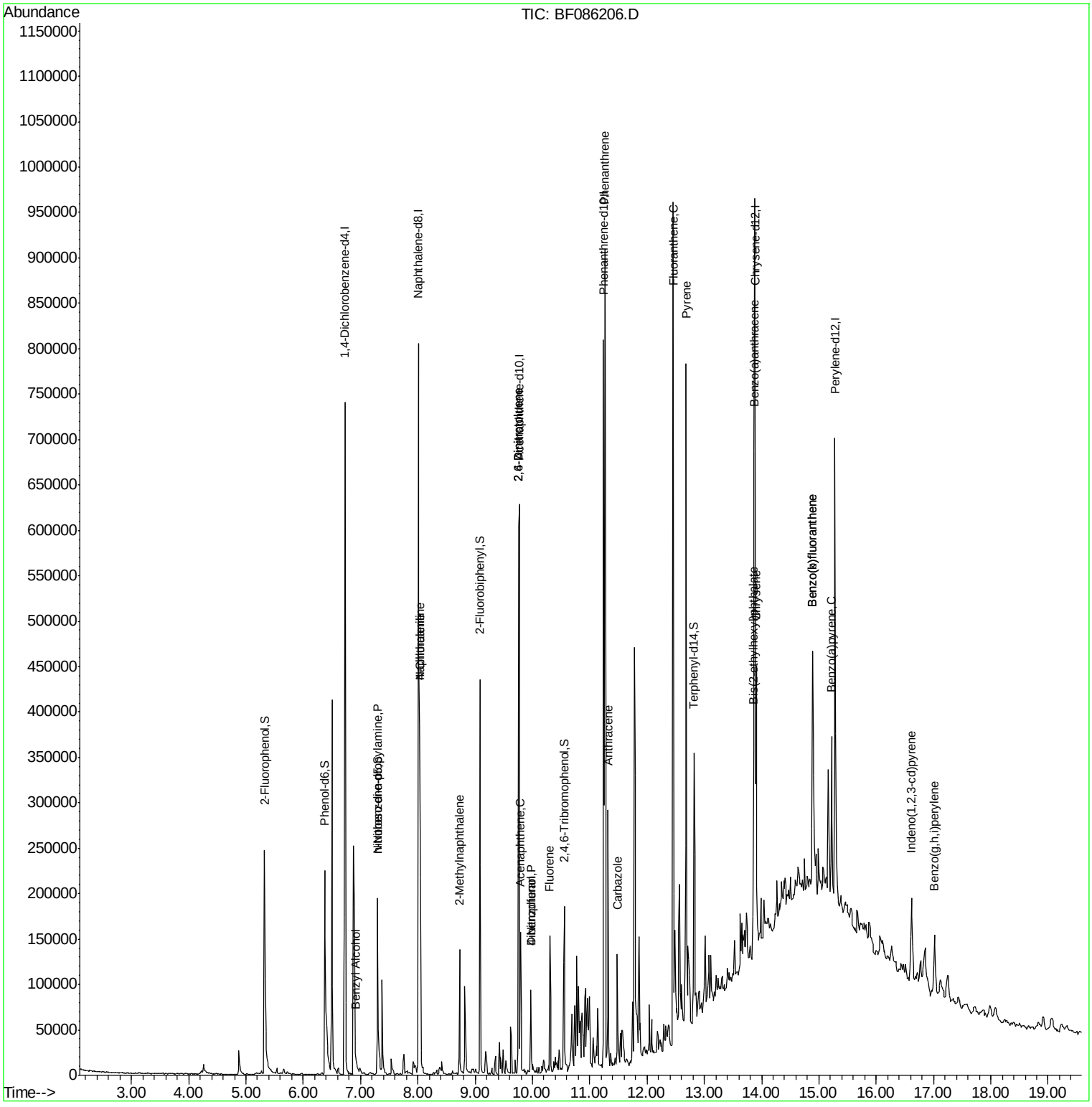
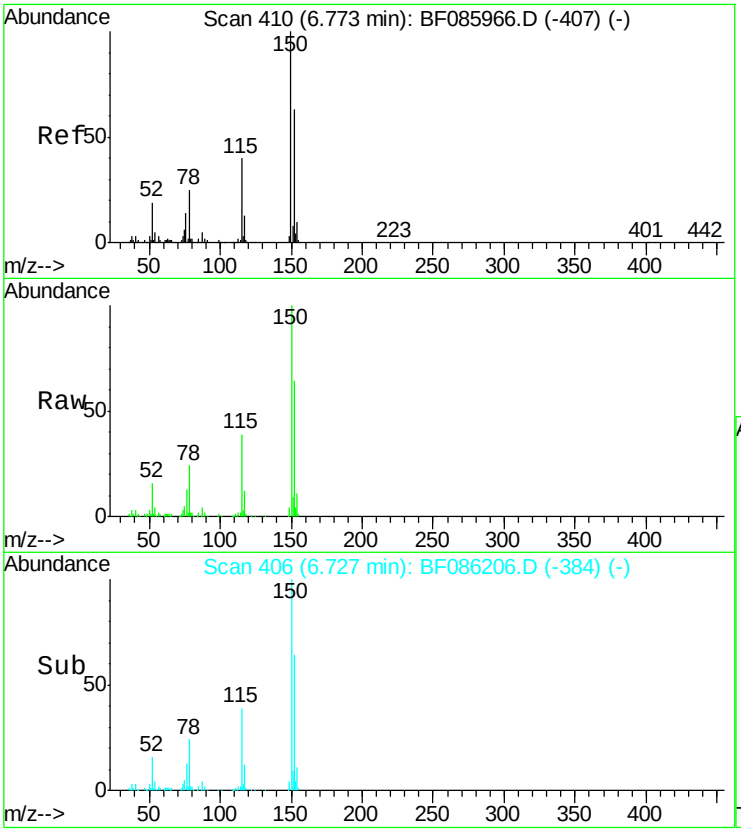
Acq On : 9 Apr 2016 9:02
Operator : UM/SJ
Sample : H2310-04DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Quant Time: Apr 11 00:40:17 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



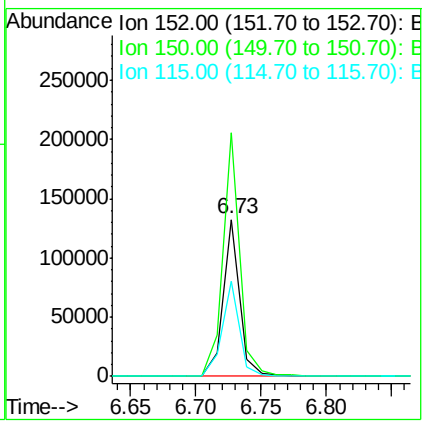


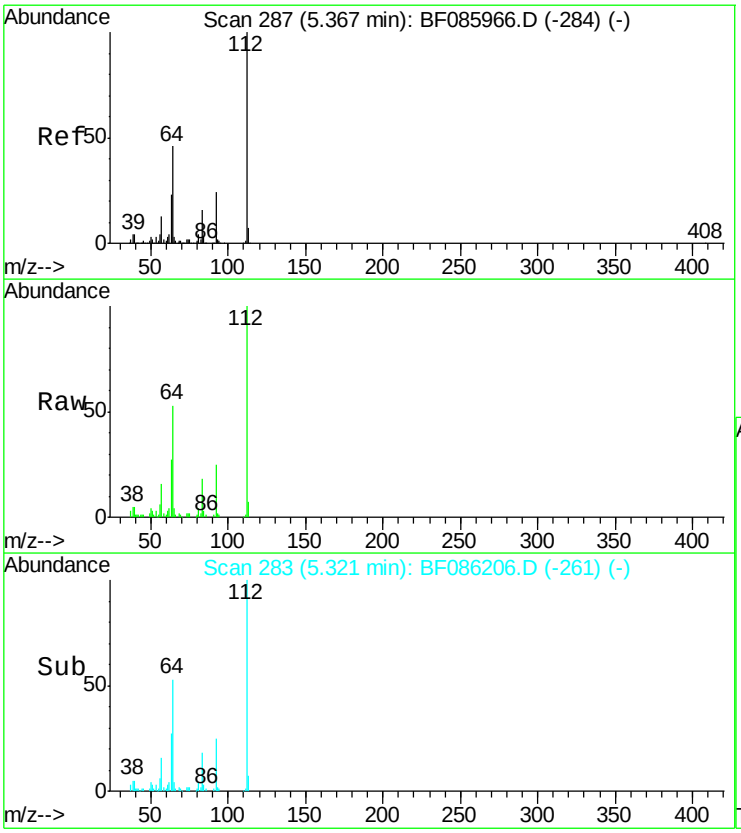
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:152 Resp: 117811

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.2	186.2
115	61.0	47.0	70.6

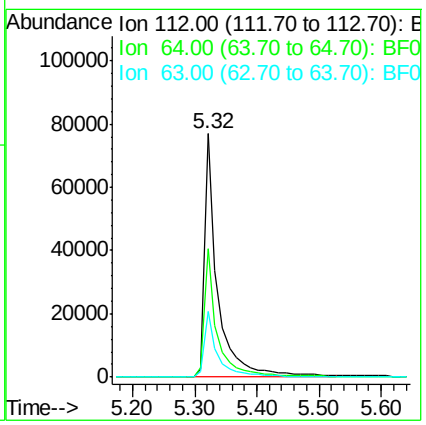


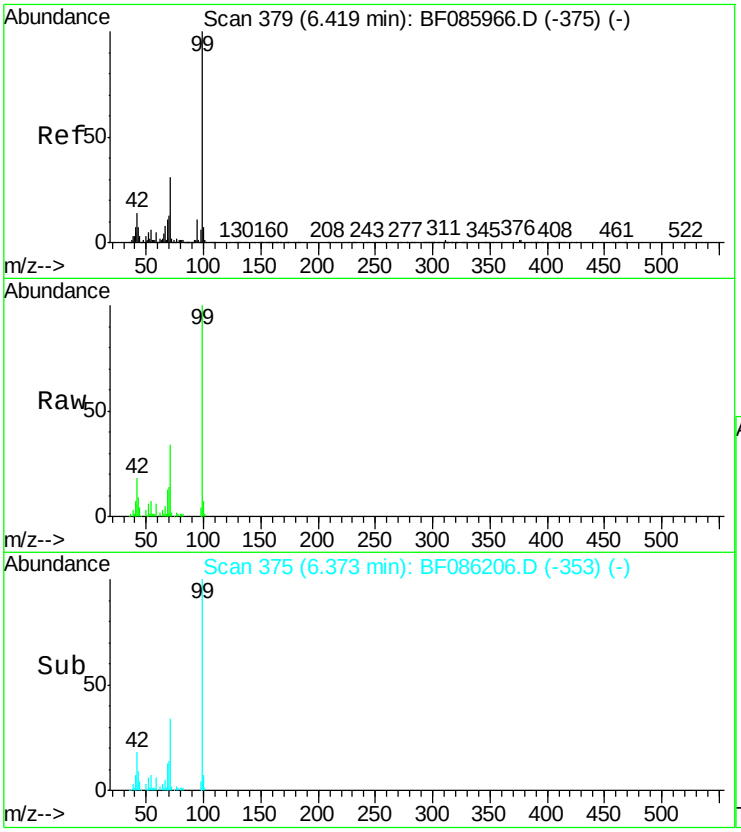


#5
2-Fluorophenol
Concen: 16.42 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:112 Resp: 113200

Ion	Ratio	Lower	Upper
112	100		
64	52.6	39.9	59.9
63	27.0	20.2	30.2



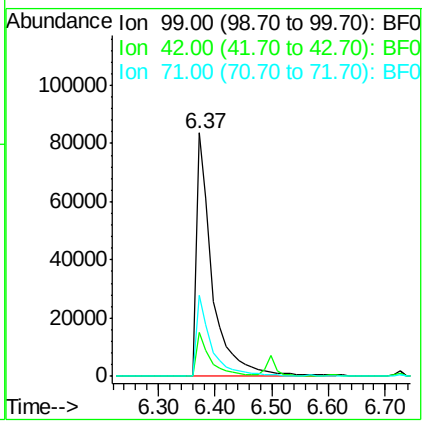


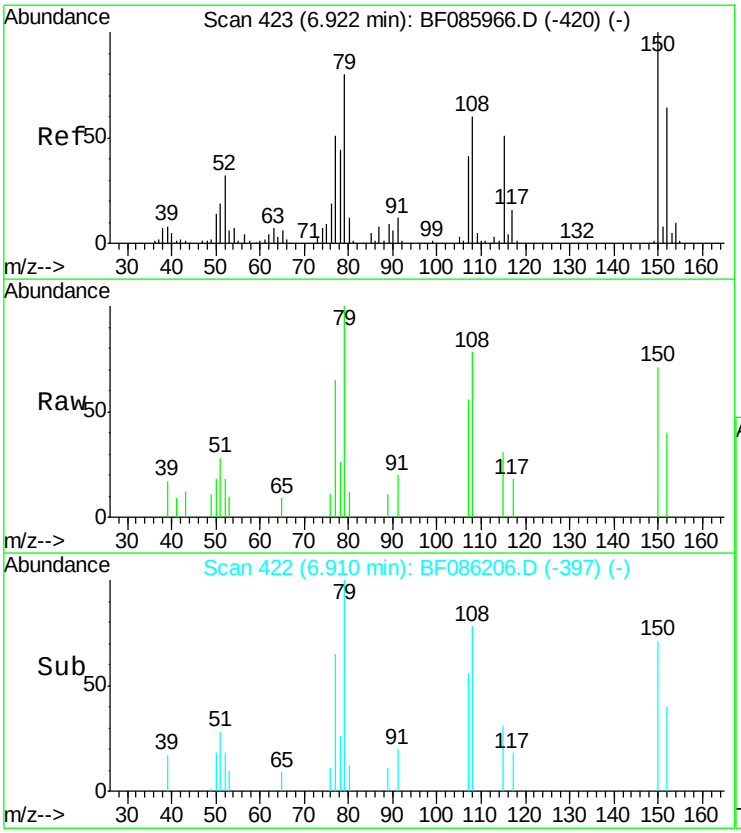
#7
Phenol-d6
Concen: 18.09 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion: 99 Resp: 158333

Ion	Ratio	Lower	Upper
99	100		
42	17.9	11.1	16.7#
71	33.6	24.9	37.3

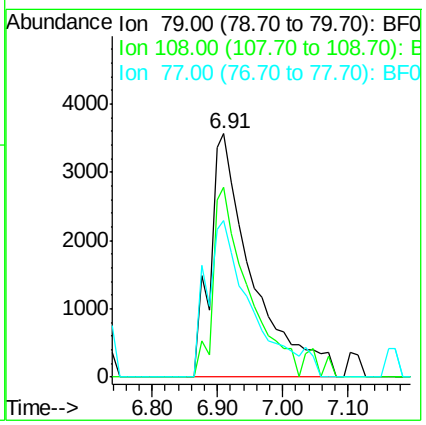


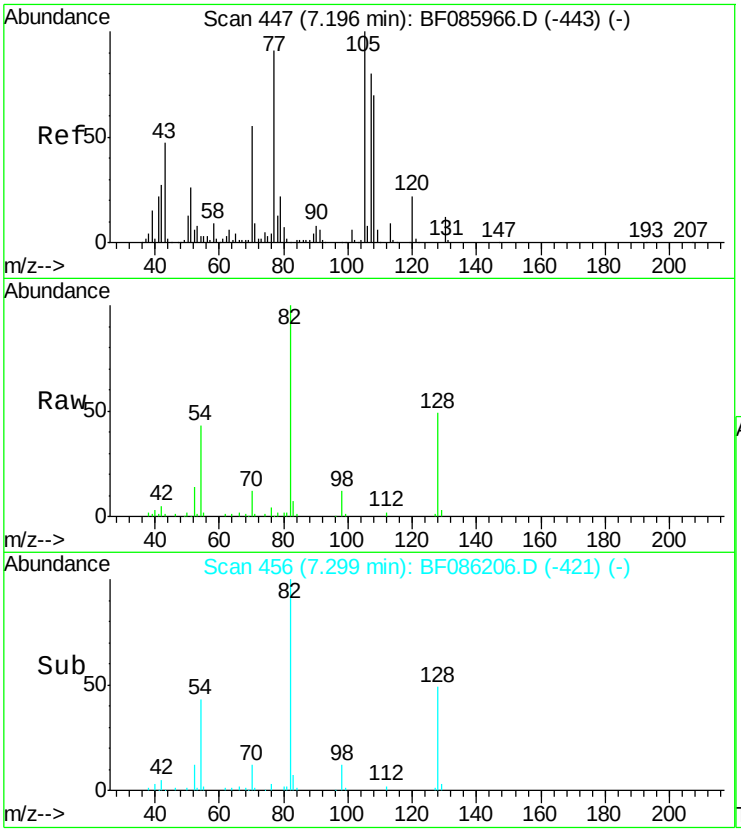


#15
Benzyl Alcohol
Concen: 2.83 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion: 79 Resp: 16027

Ion	Ratio	Lower	Upper
79	100		
108	78.0	61.8	92.6
77	64.5	49.6	74.4



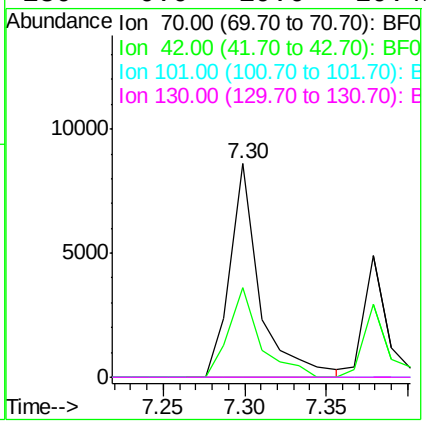


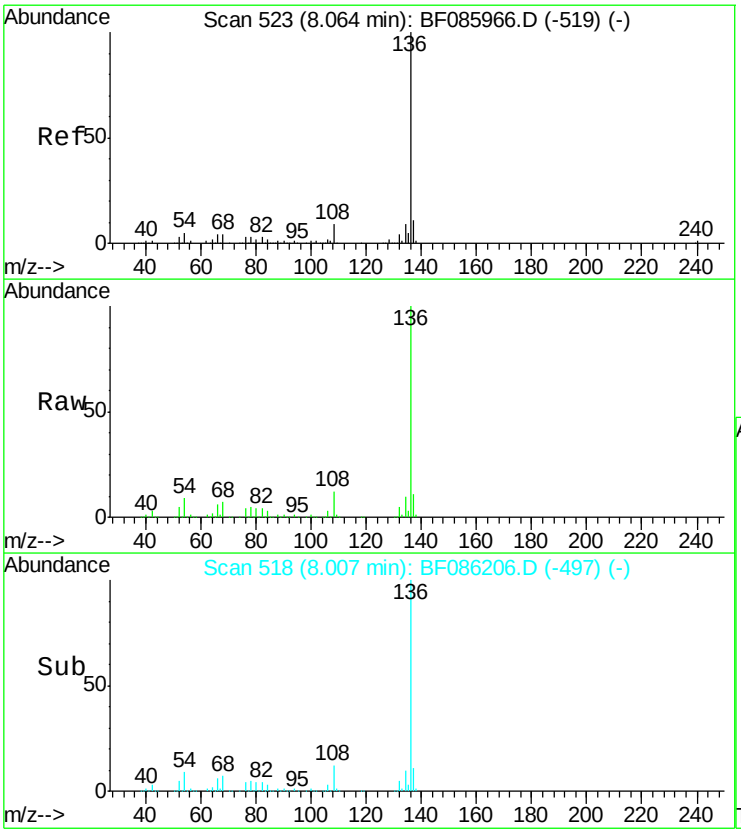
#19
n-Nitroso-di-n-propylamine
Concen: 2.00 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.10 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion: 70 Resp: 10867

Ion	Ratio	Lower	Upper
70	100		
42	41.9	37.1	55.7
101	0.0	8.6	12.8#
130	0.0	19.6	29.4#

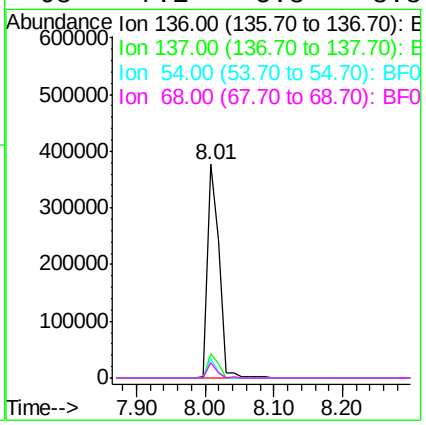


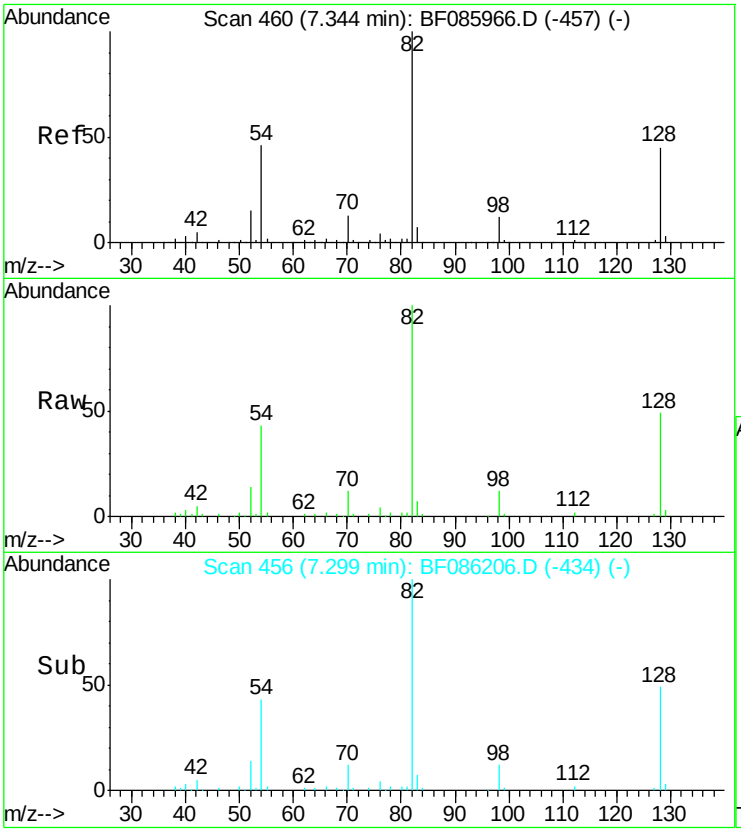


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:136 Resp: 447110

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	7.4	11.0
68	7.1	5.8	8.8



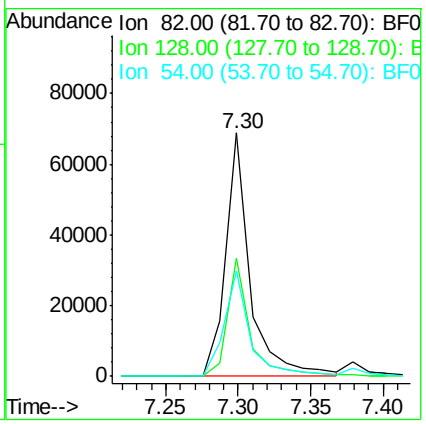


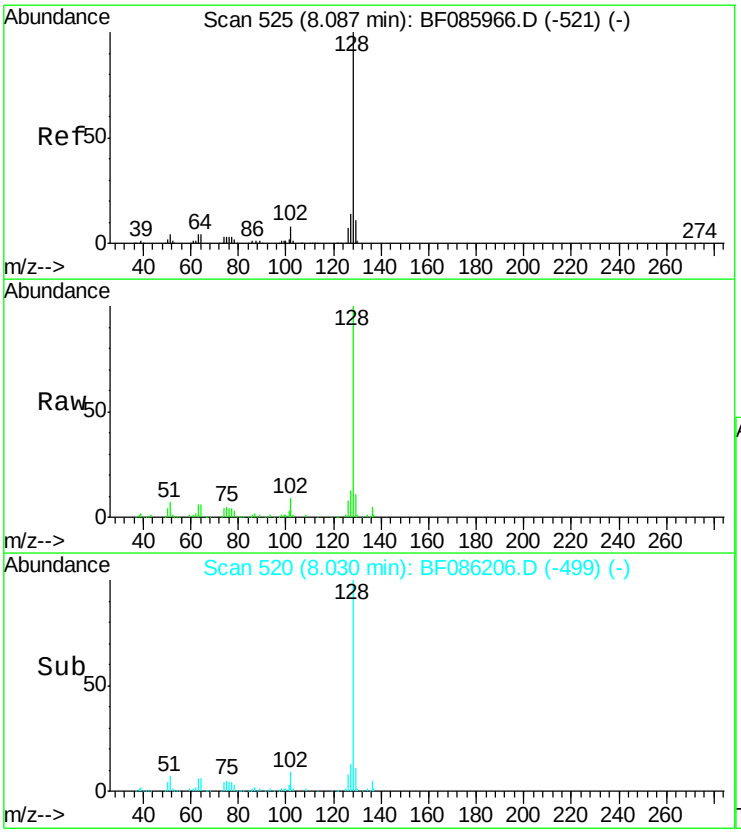
#23
Nitrobenzene-d5
Concen: 10.63 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion: 82 Resp: 80599

Ion	Ratio	Lower	Upper
82	100		
128	48.6	41.8	62.8
54	43.1	33.4	50.0

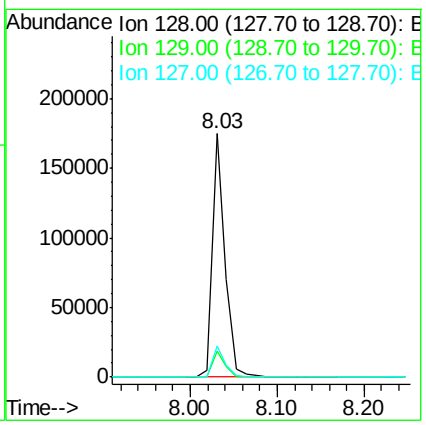


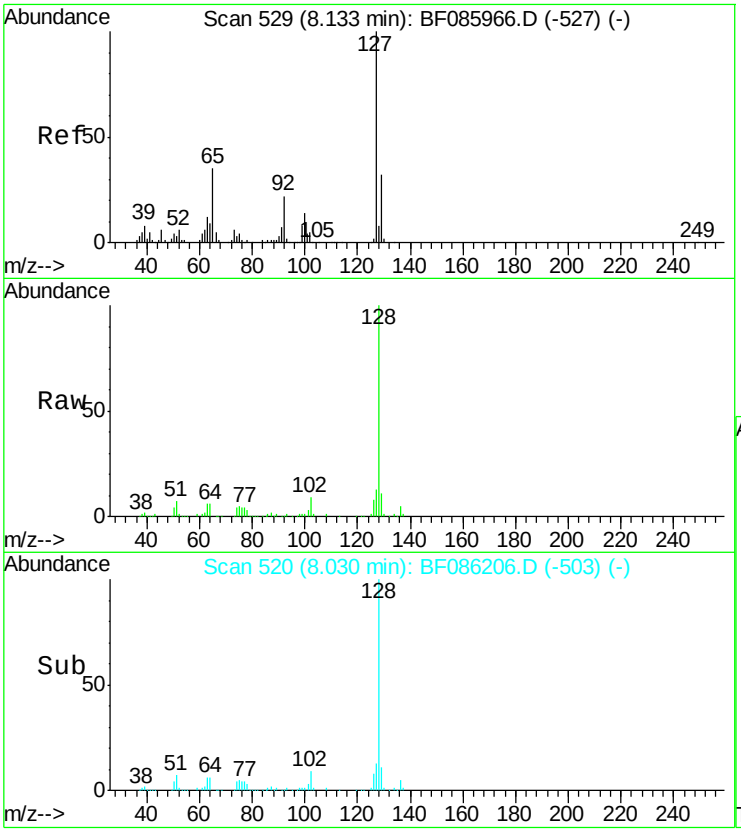


#31
Naphthalene
Concen: 7.98 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:128 Resp: 179568

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	12.7	11.0	16.6



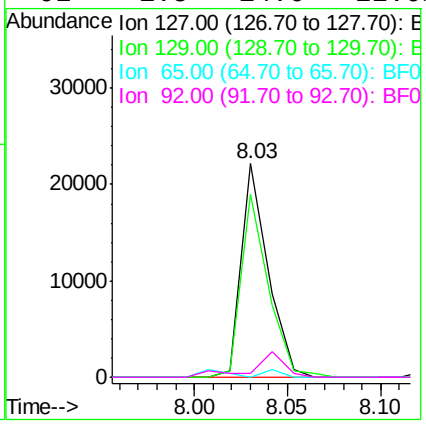


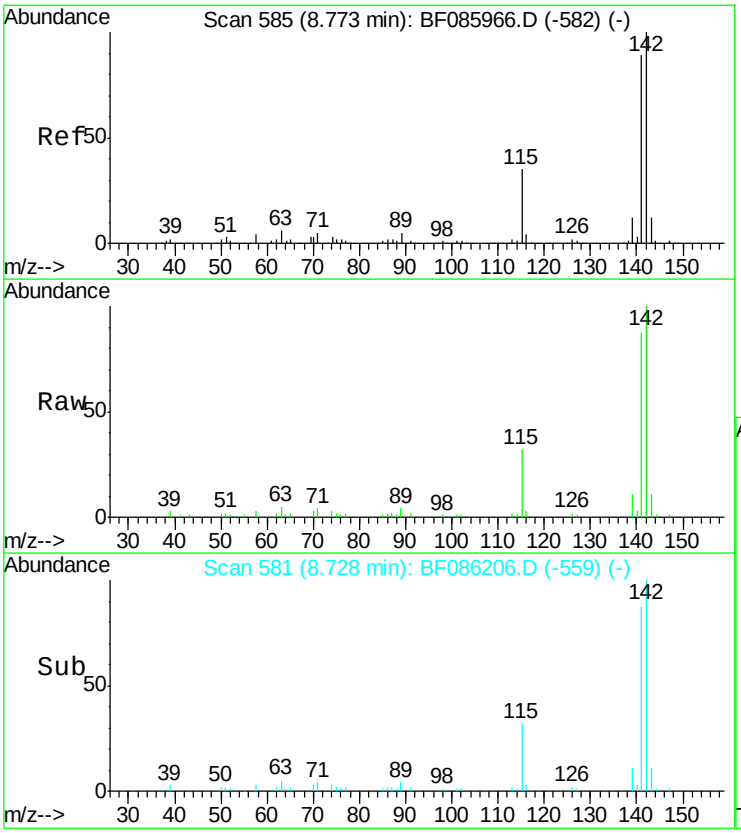
#33
4-Chloroaniline
Concen: 2.44 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.10 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:127 Resp: 22172

Ion	Ratio	Lower	Upper
127	100		
129	85.5	26.1	39.1#
65	0.0	19.5	29.3#
92	1.5	14.6	22.0#

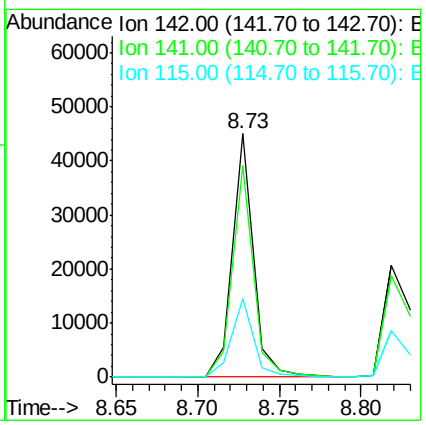


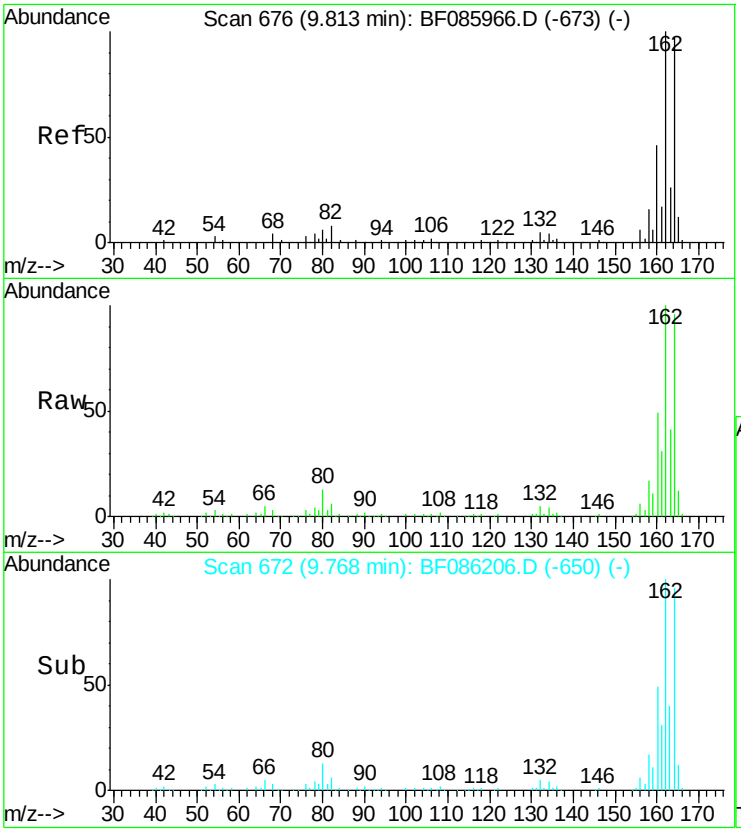


#37
2-Methylnaphthalene
Concen: 2.70 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:142 Resp: 39725

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.6	107.4
115	32.2	26.8	40.2



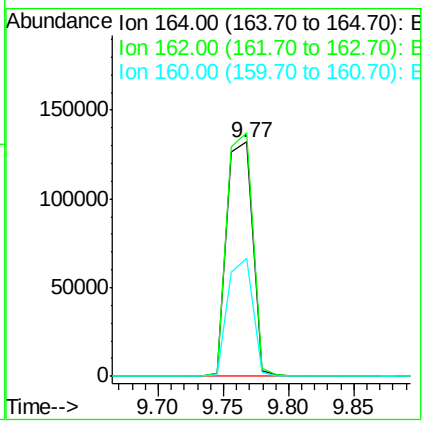


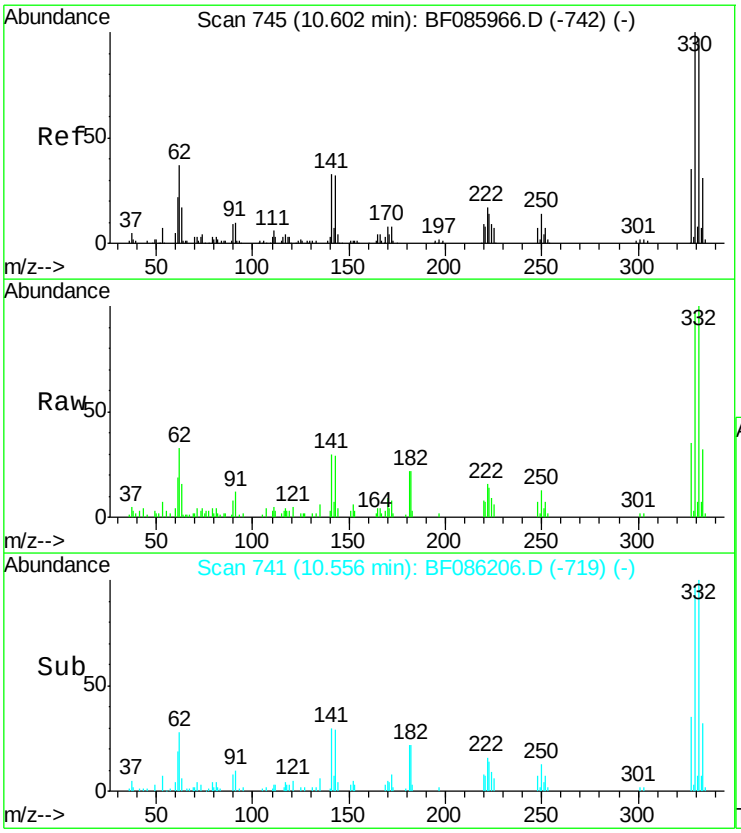
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:164 Resp: 181898

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.1	123.1
160	50.7	37.4	56.2

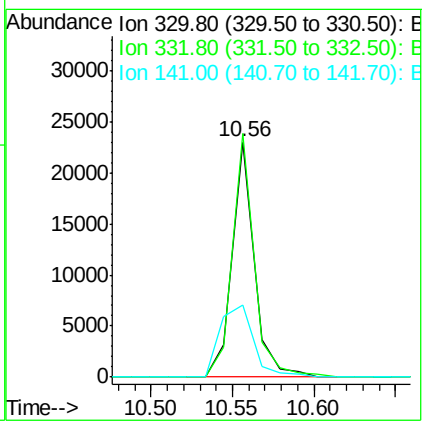


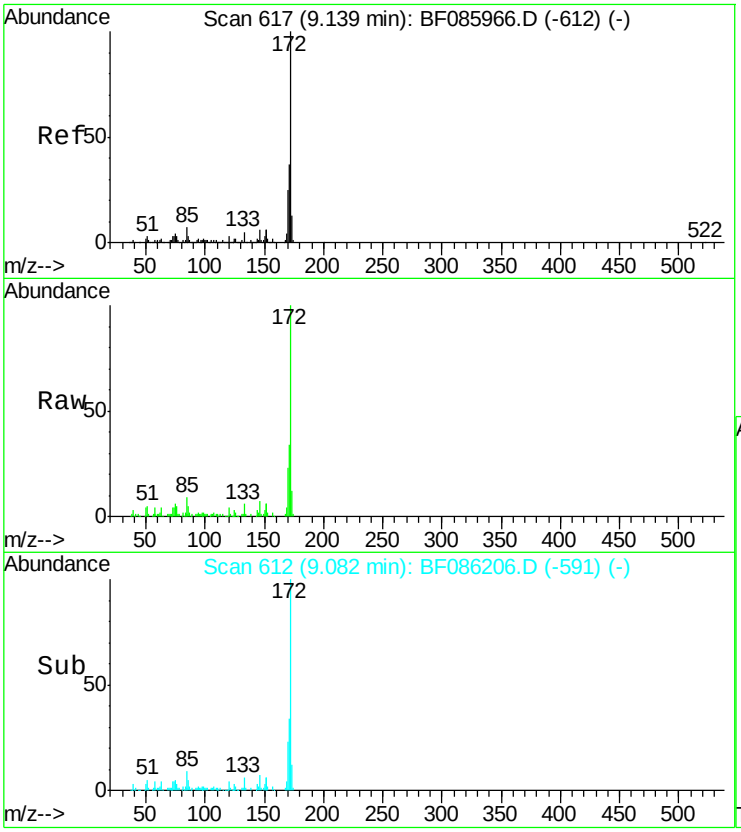


#41
2,4,6-Tribromophenol
Concen: 12.51 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:330 Resp: 21366

Ion	Ratio	Lower	Upper
330	100		
332	102.0	78.2	117.2
141	47.7	31.5	47.3#



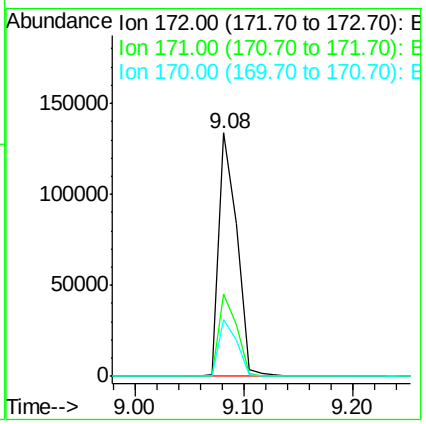


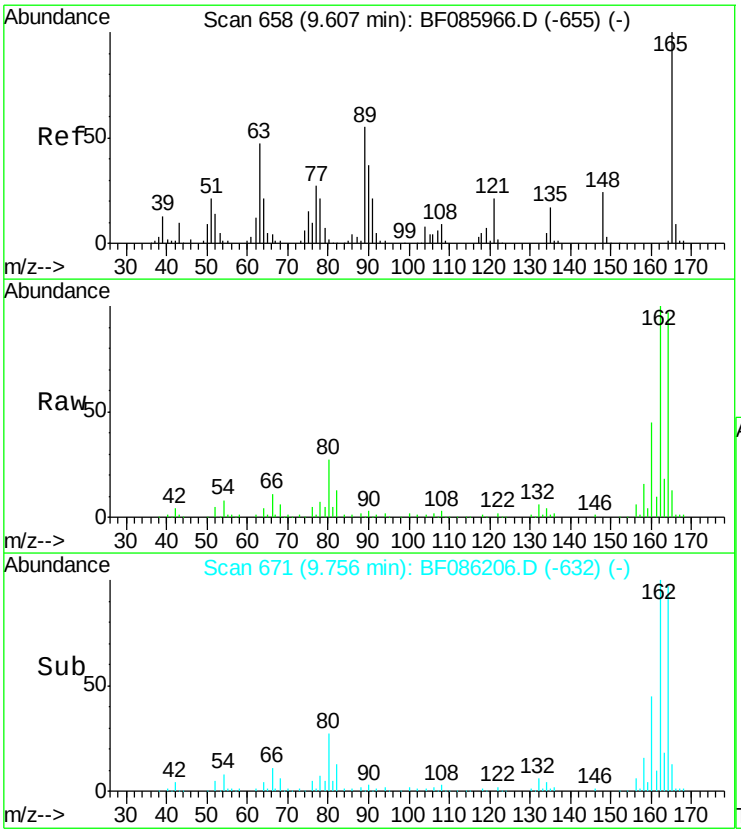
#44
2-Fluorobiphenyl
Concen: 14.17 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:172 Resp: 155059

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.4	44.2
170	23.2	19.8	29.6

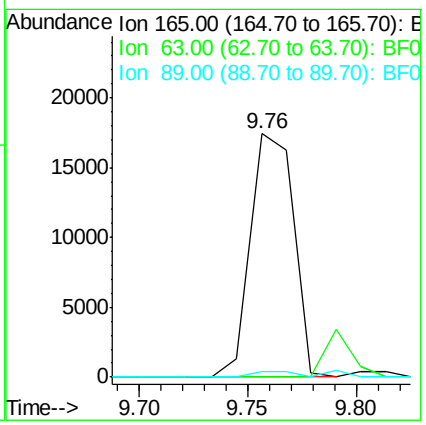


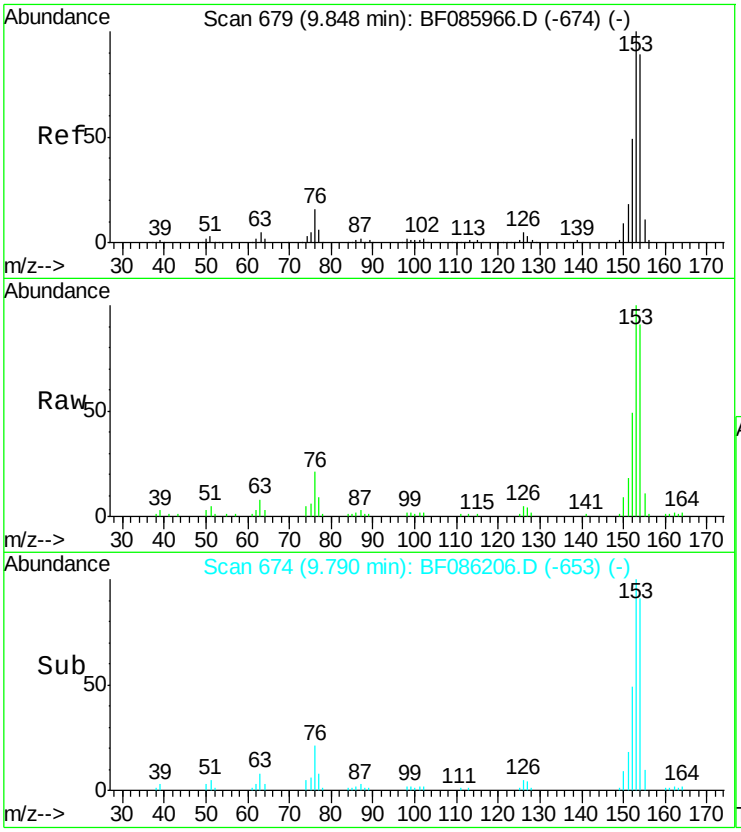


#50
2,6-Dinitrotoluene
Concen: 8.51 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.15 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:165 Resp: 24269

Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.8#
89	2.2	53.7	80.5#



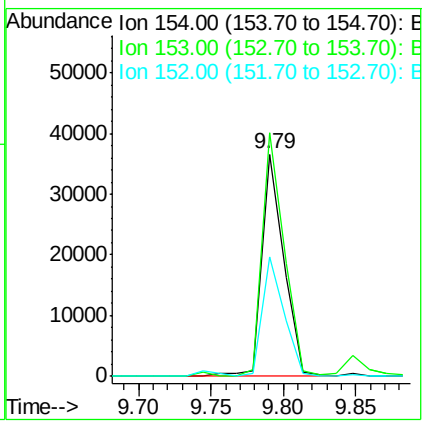


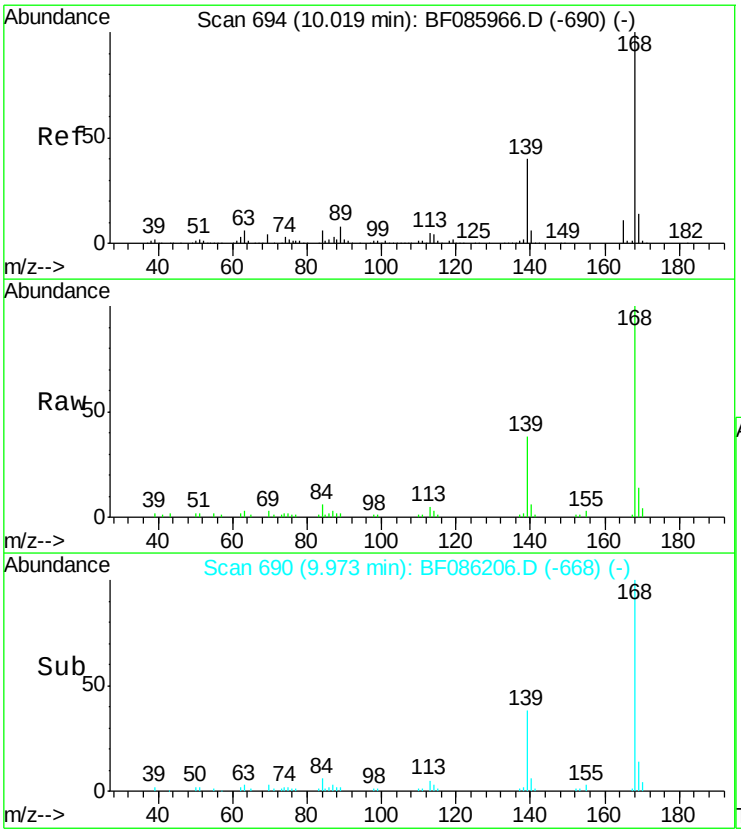
#51
Acenaphthene
Concen: 3.53 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:154 Resp: 38212

Ion	Ratio	Lower	Upper
154	100		
153	109.6	90.1	135.1
152	53.6	44.2	66.2

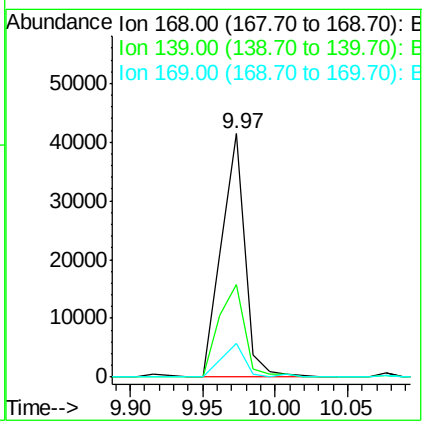


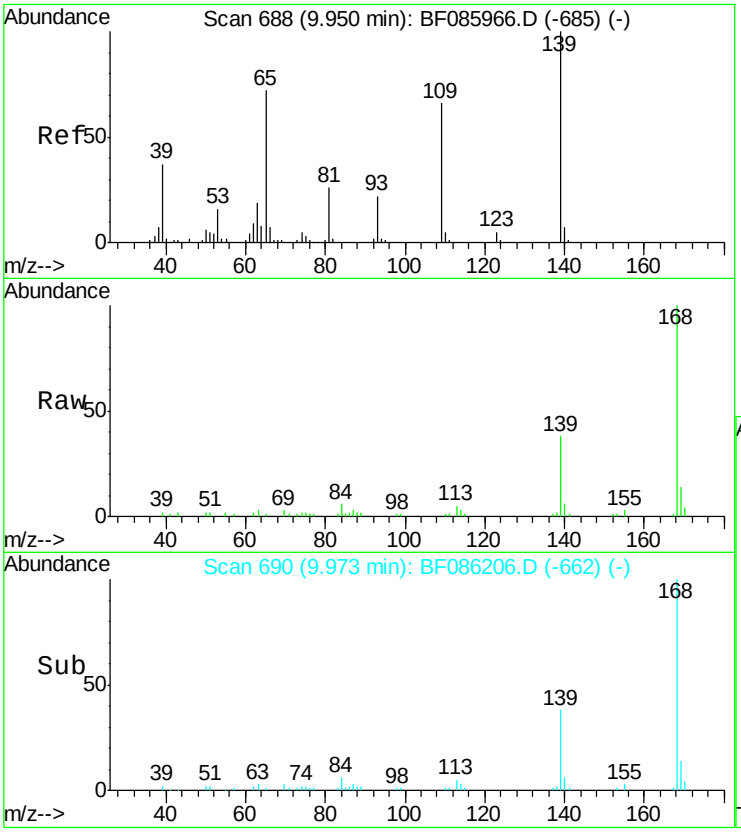


#54
Dibenzofuran
Concen: 3.26 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:168 Resp: 46644

Ion	Ratio	Lower	Upper
168	100		
139	37.9	31.9	47.9
169	13.8	11.0	16.6



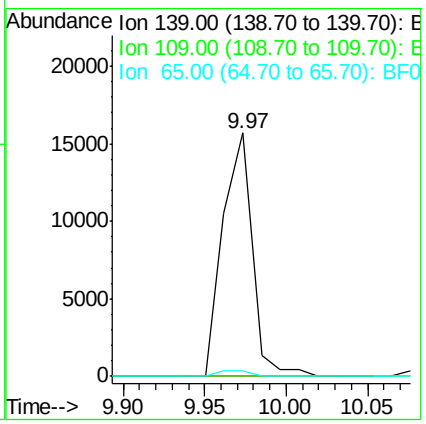


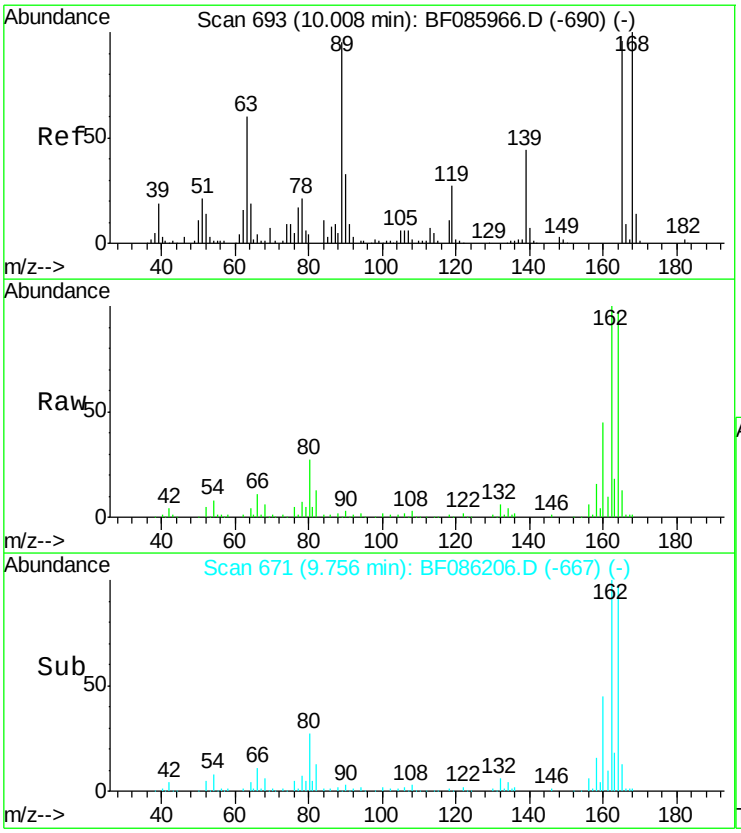
#55
4-Nitrophenol
Concen: 9.60 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.02 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:139 Resp: 19453

Ion	Ratio	Lower	Upper
139	100		
109	0.0	49.2	89.2#
65	2.0	66.9	106.9#

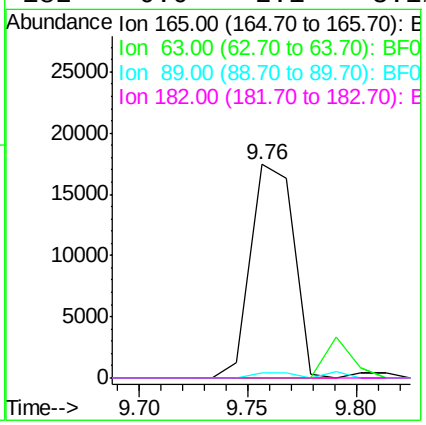


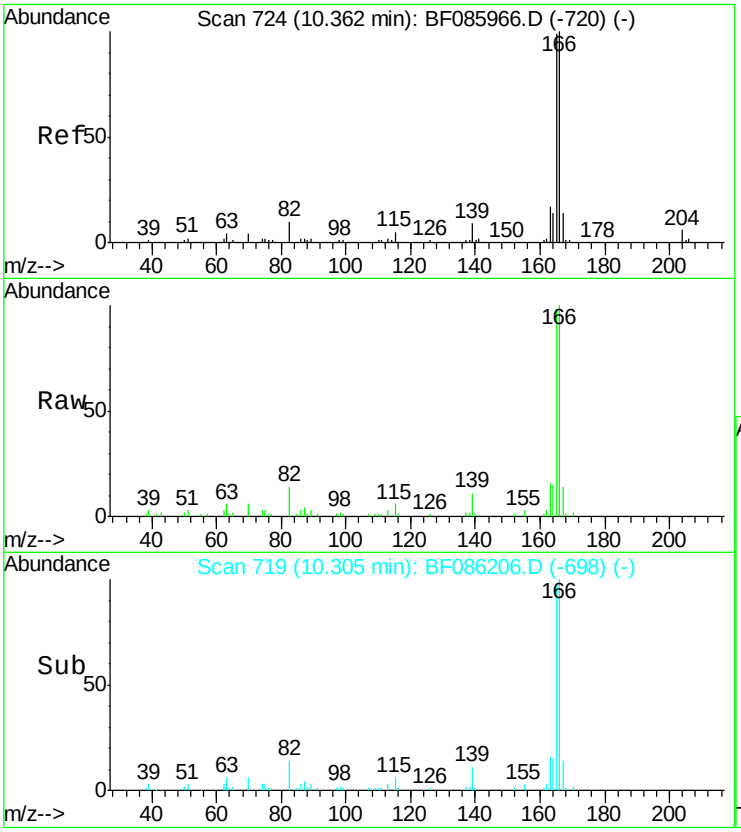


#56
2,4-Dinitrotoluene
Concen: 6.73 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.25 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:165 Resp: 24269

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.9	37.3#
89	2.2	41.0	61.6#
182	0.0	2.1	3.1#



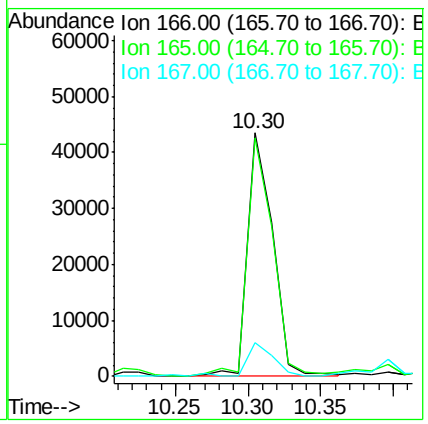


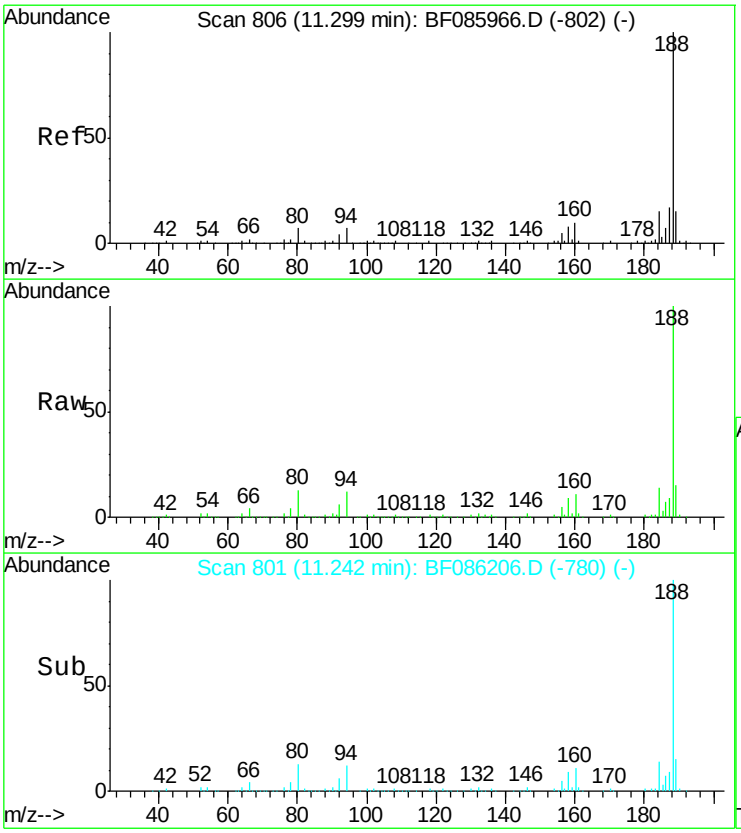
#57
Fluorene
Concen: 4.30 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:166 Resp: 52535

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.4	119.0
167	13.9	11.0	16.4

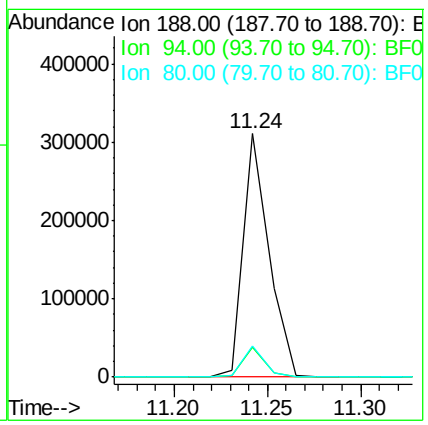


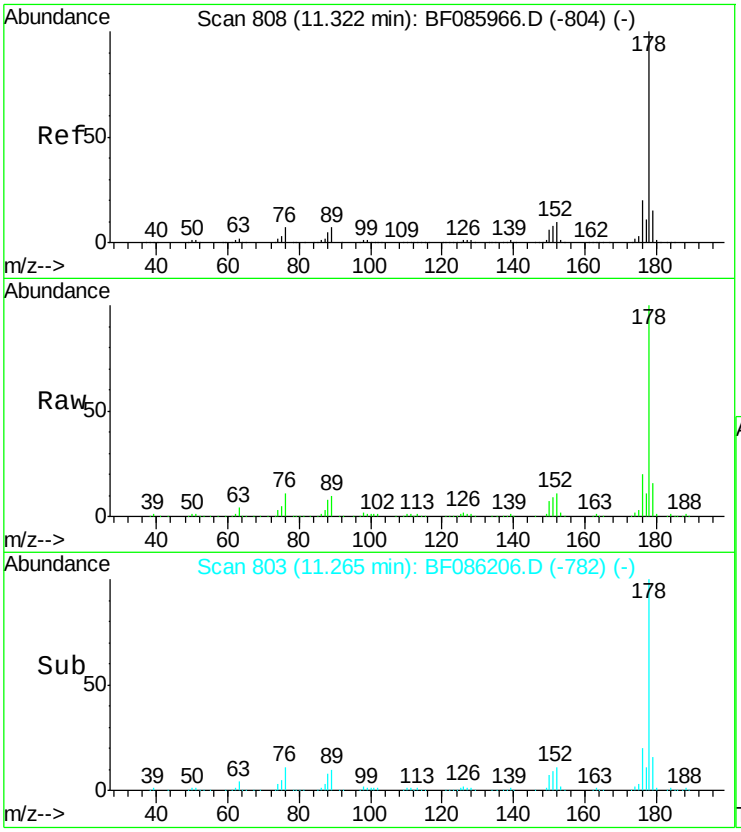


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:188 Resp: 299829

Ion	Ratio	Lower	Upper
188	100		
94	12.3	5.4	8.0#
80	12.7	5.5	8.3#



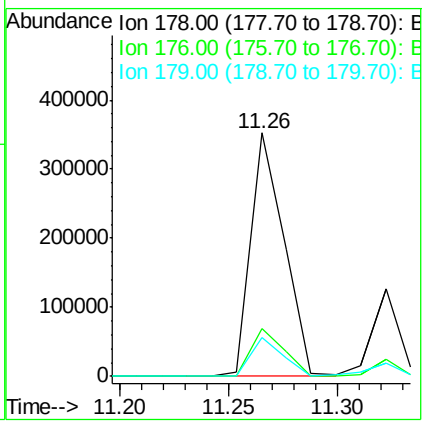


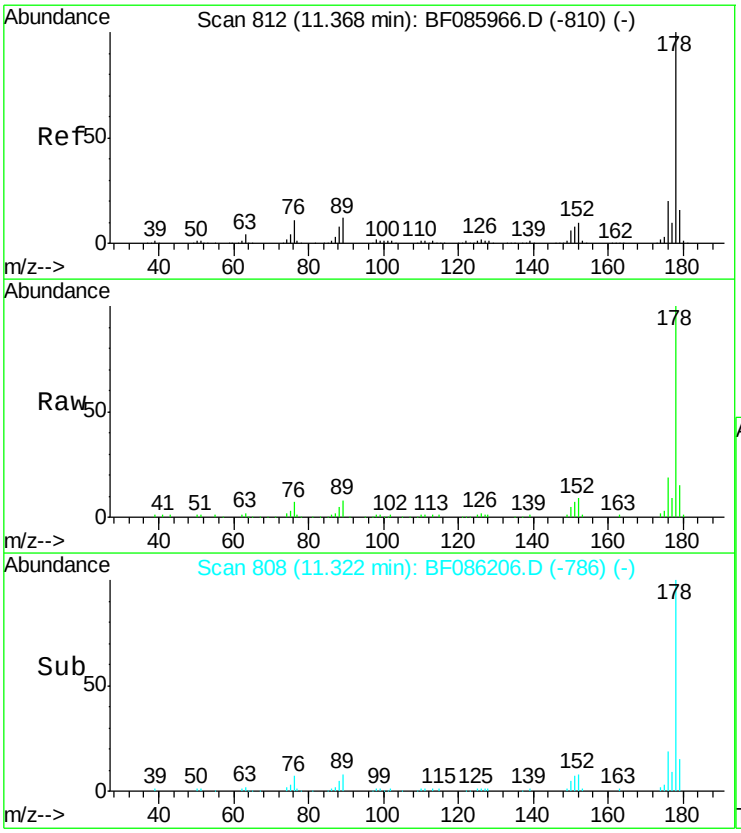
#70
Phenanthrene
Concen: 23.01 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:178 Resp: 376333

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.3	24.5
179	16.1	12.6	18.8

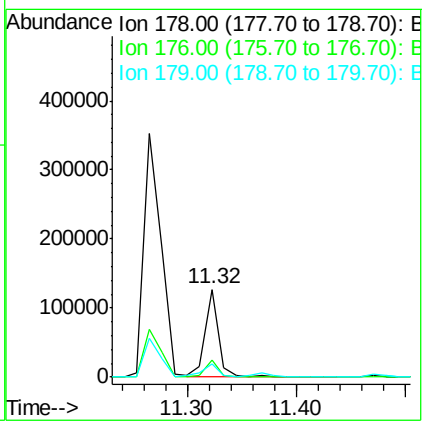


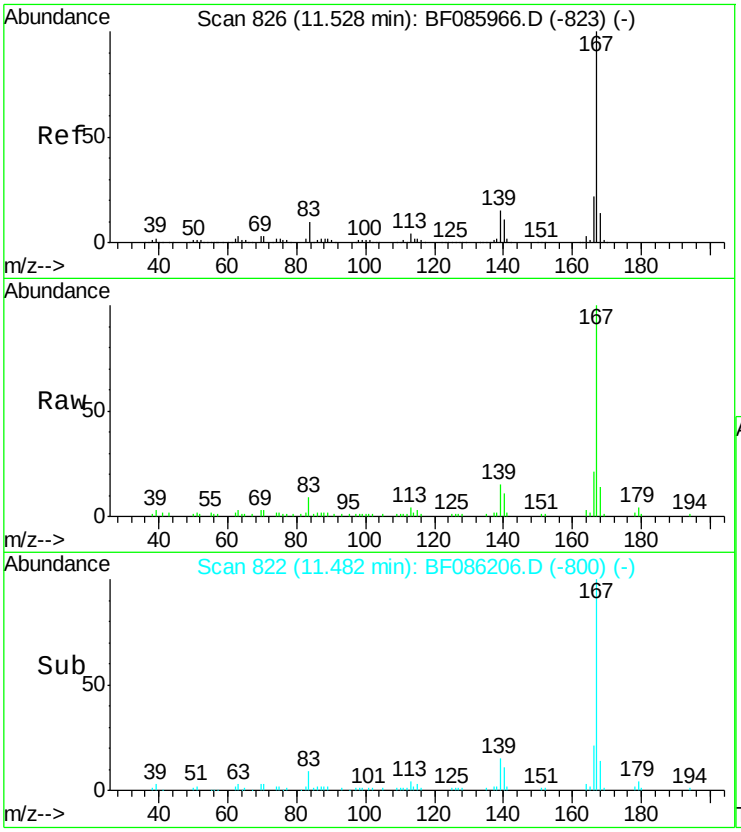


#71
Anthracene
Concen: 6.52 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:178 Resp: 111722

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	15.5	13.0	19.4



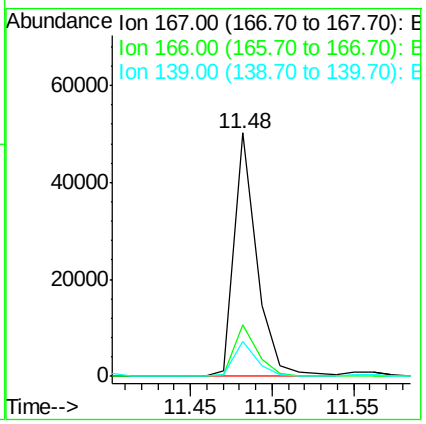


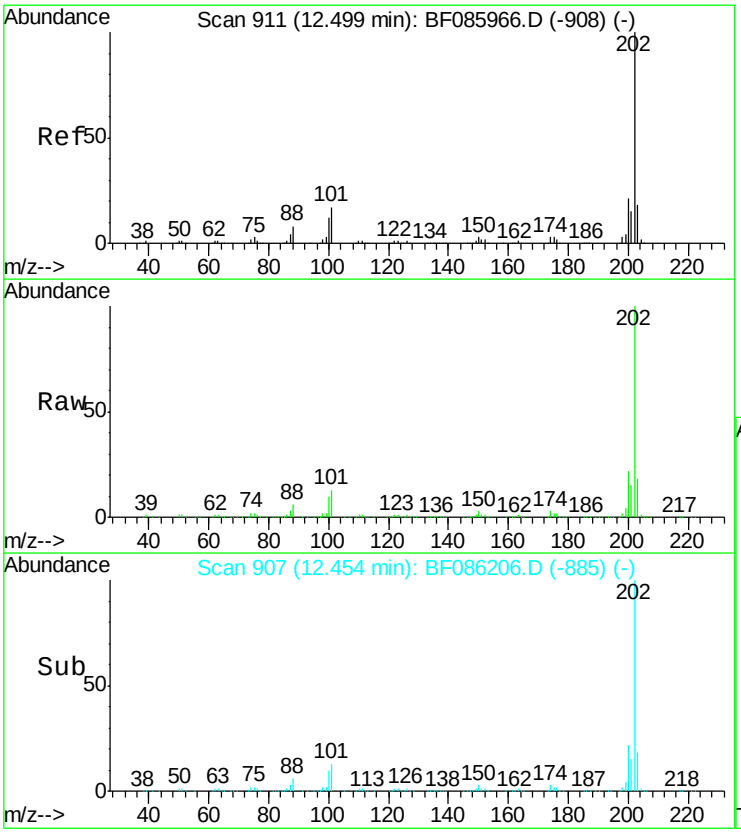
#72
Carbazole
Concen: 3.26 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:167 Resp: 48044

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.8	26.8
139	14.6	11.6	17.4

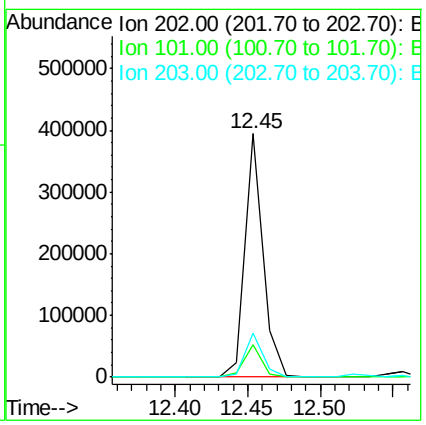


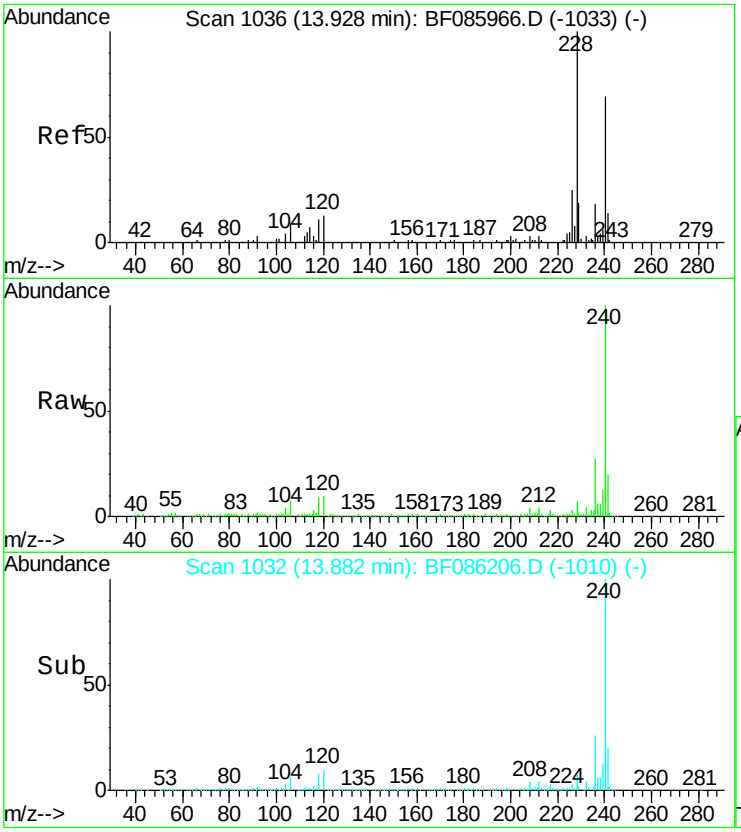


#74
Fluoranthene
Concen: 20.16 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:202 Resp: 342907

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	36.6
203	17.9	0.0	38.1



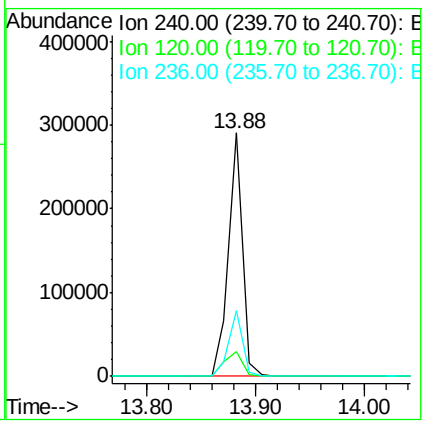


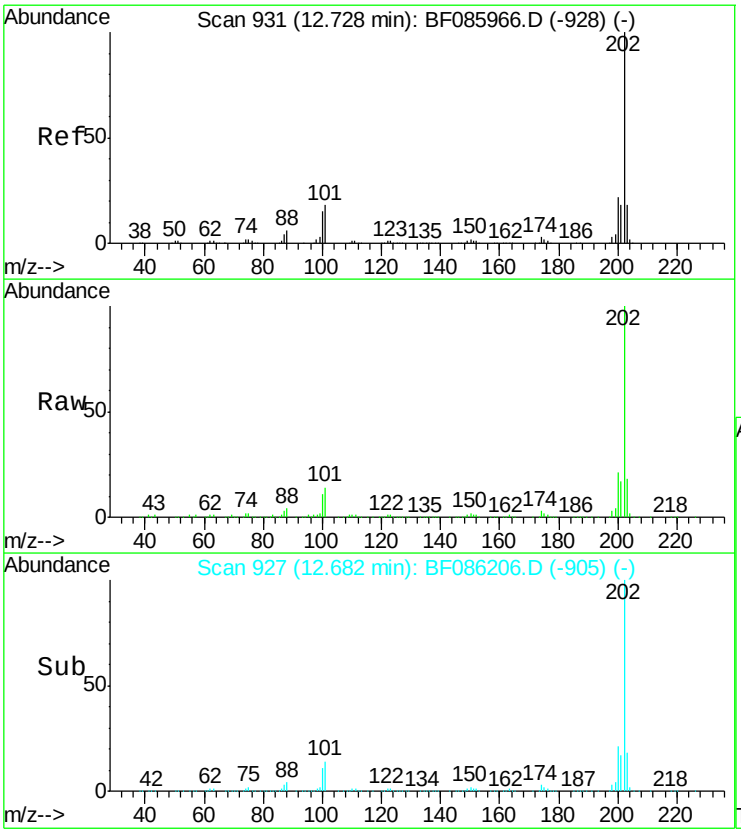
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:240 Resp: 259635

Ion	Ratio	Lower	Upper
240	100		
120	10.1	13.8	20.8#
236	26.9	20.6	30.8

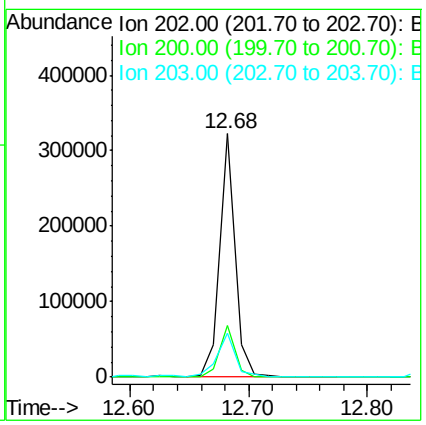


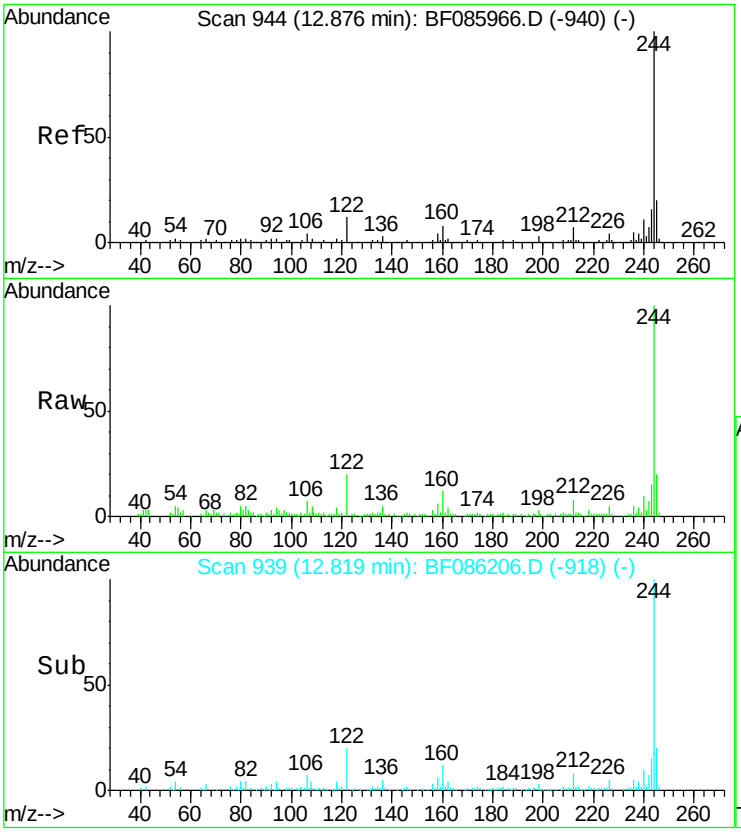


#77
Pyrene
Concen: 15.53 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:202 Resp: 284124

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	17.9	14.0	21.0



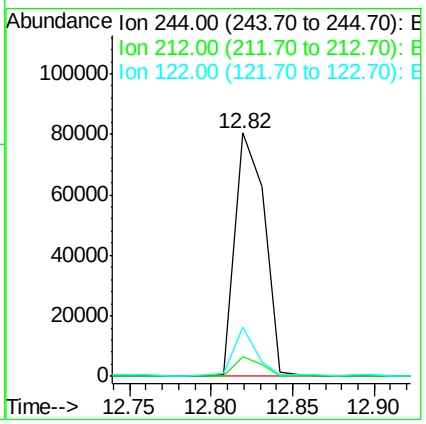


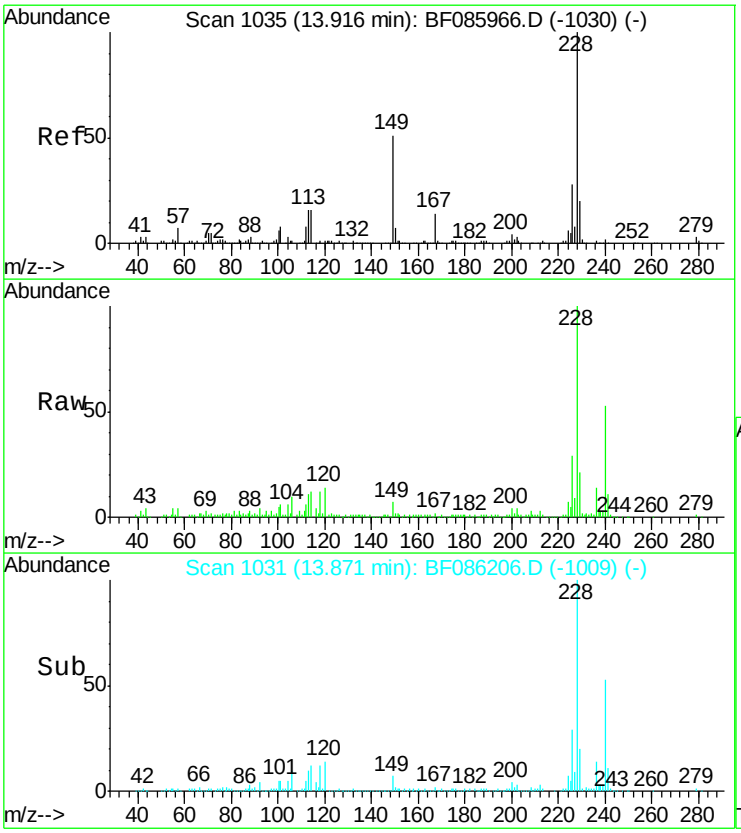
#78
Terphenyl-d14
Concen: 9.06 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:244 Resp: 100032

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	20.0	10.2	15.4#

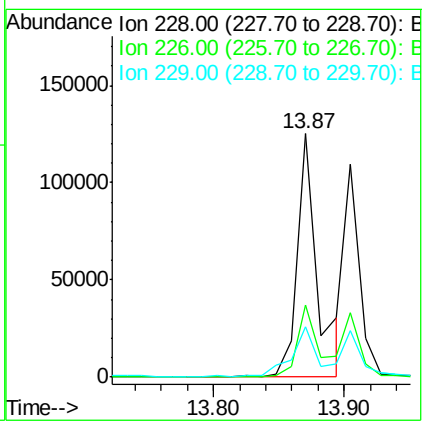


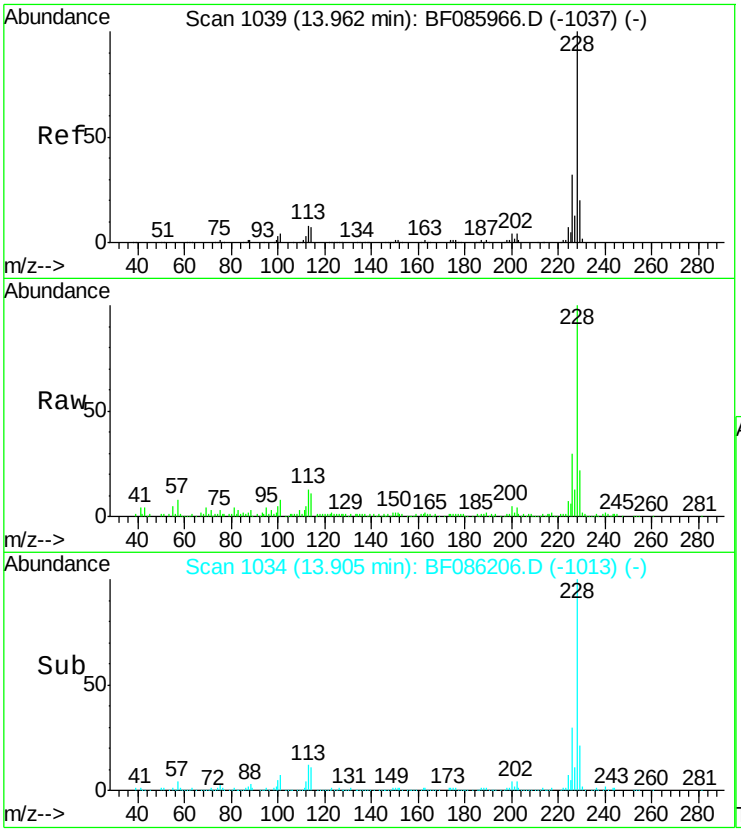


#80
Benzo(a)anthracene
Concen: 8.95 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:228 Resp: 136963

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.1	33.1
229	20.8	16.2	24.4



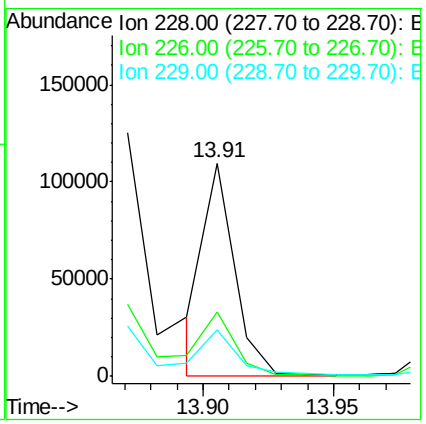


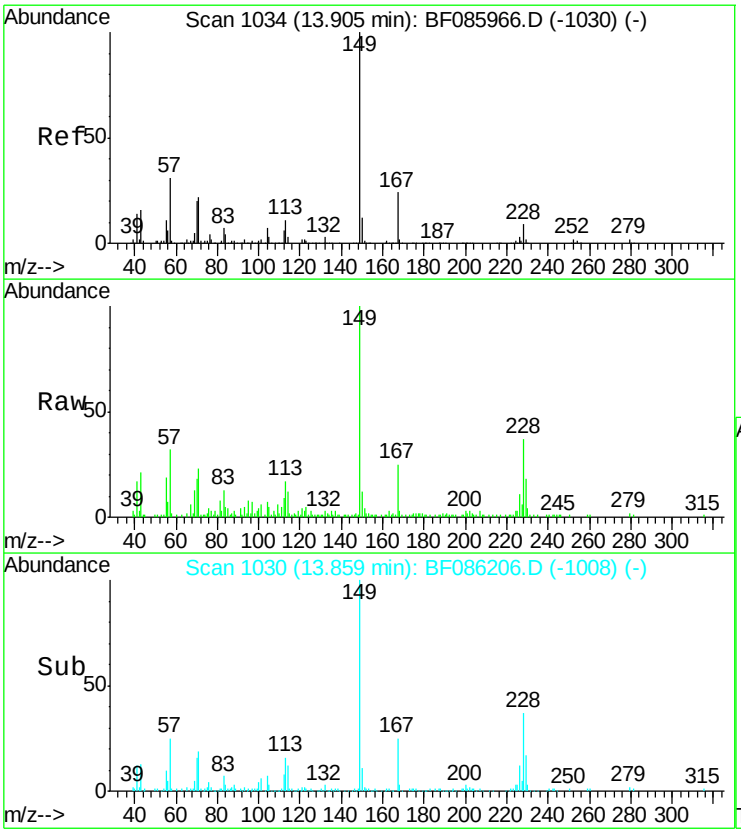
#82
Chrysene
Concen: 6.14 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:228 Resp: 90487

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.6	15.7	23.5

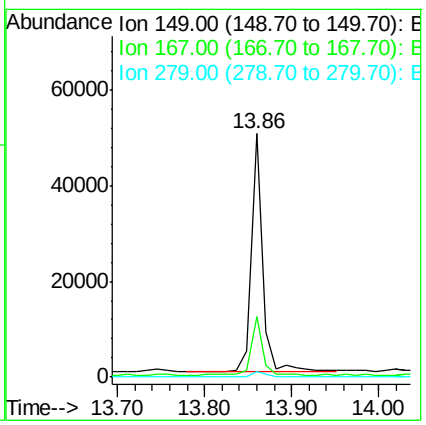


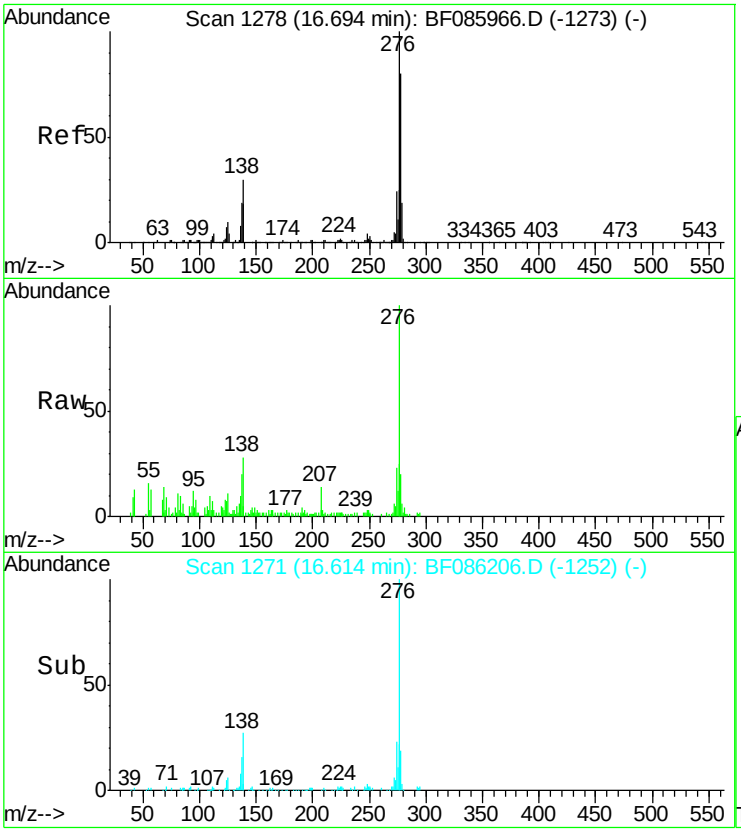


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.23 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:149 Resp: 46214

Ion	Ratio	Lower	Upper
149	100		
167	24.8	19.4	29.2
279	2.3	1.5	2.3



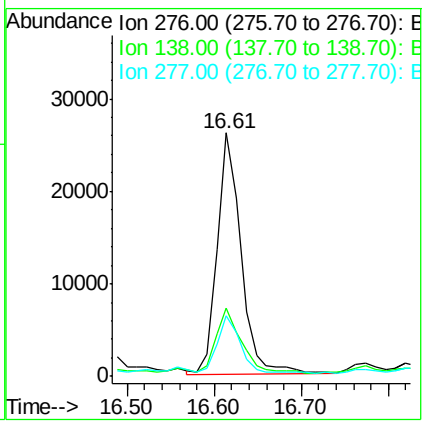


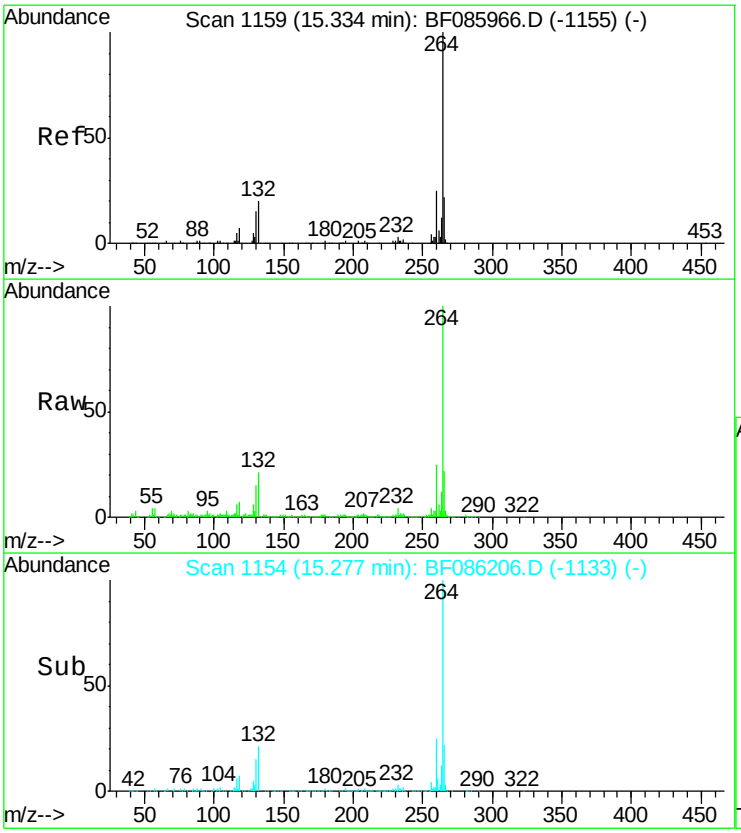
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.25 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.08 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:276 Resp: 50839

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	22.6	20.0	30.0

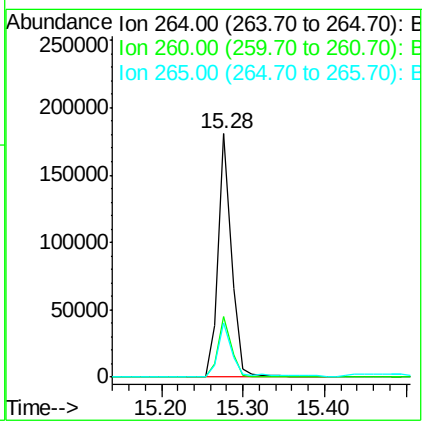


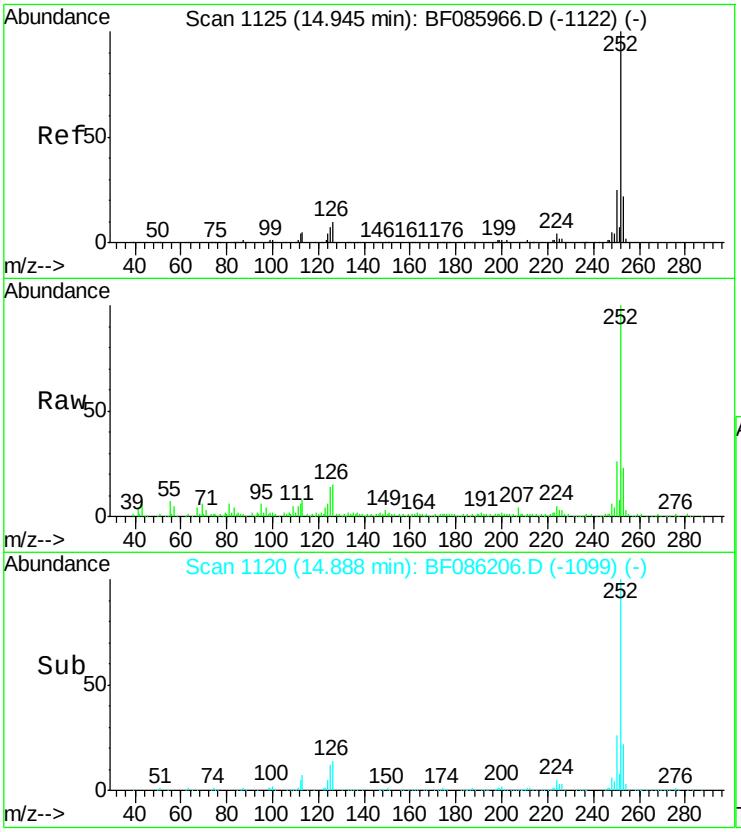


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:264 Resp: 205922

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	22.3	17.2	25.8



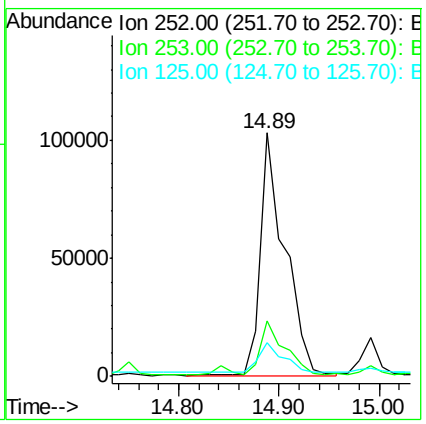


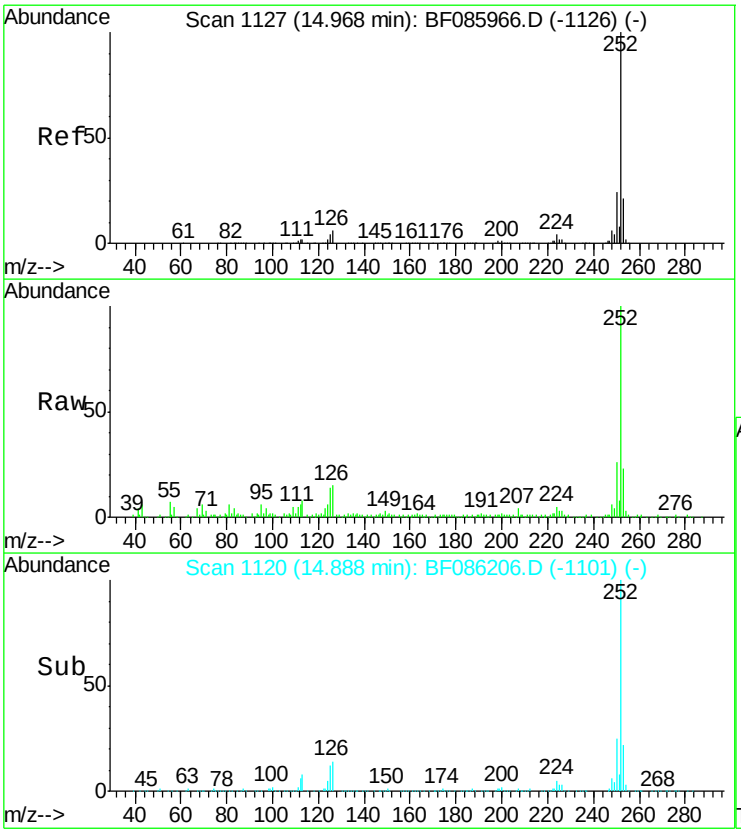
#87
Benzo(b)fluoranthene
Concen: 13.35 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:252 Resp: 172902

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.7	10.3	15.5

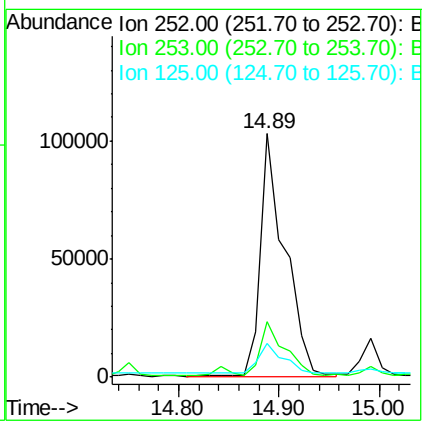


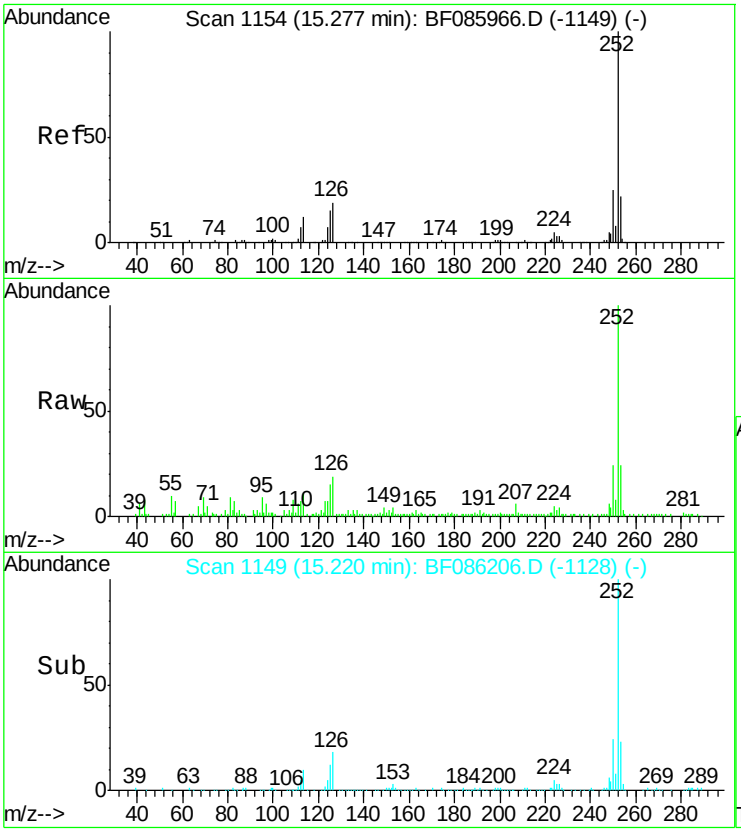


#88
Benzo(k)fluoranthene
Concen: 15.07 ng
RT: 14.89 min Scan# 1120
Delta R.T. -0.08 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:252 Resp: 172902

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.7	7.7	11.5#



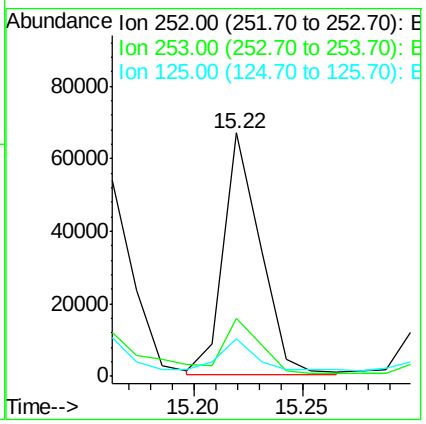


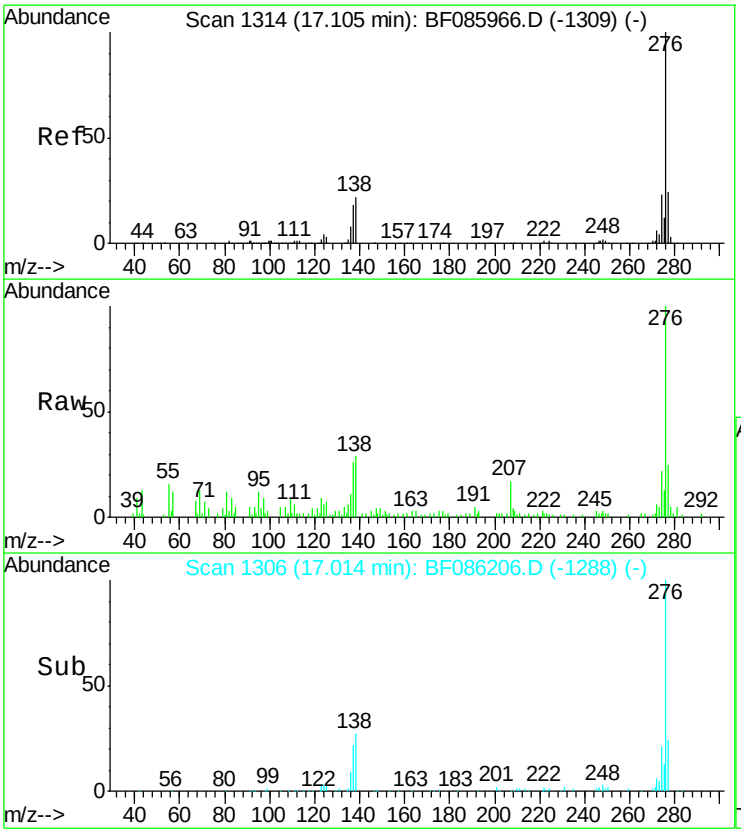
#89
Benzo(a)pyrene
Concen: 6.84 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB1-0-6.0DL

Tgt Ion:252 Resp: 78473

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	15.5	10.3	15.5





#91
Benzo(g,h,i)perylene
Concen: 5.55 ng
RT: 17.01 min Scan# 1306
Delta R.T. -0.09 min
Lab File: BF086206.D
Acq: 9 Apr 2016 9:02

Tgt Ion:276 Resp: 49590

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.8	28.2
138	29.3	22.6	34.0