Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040716\
Data File : BF086161.D
Acq On : 8 Apr 2016 6:03
Operator : UM/SJ
Sample : H2310-08
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PEDBR-SB3-0-6.0

Quant Time: Apr 08 06:46:04 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	100516	20.00	ng		-0.03
21) Naphthalene-d8	8.02	136	353209	20.00	ng		-0.05
38) Acenaphthene-d10	9.78	164	139414	20.00	ng		-0.03
63) Phenanthrene-d10	11.25	188	231076	20.00	ng		-0.05
75) Chrysene-d12	13.91	240	201905	20.00	ng		-0.02
86) Perylene-d12	15.30	264	171671	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	649435	110.44	ng		-0.03
7) Phenol-d6	6.40	99	835987	111.92	ng		-0.02
23) Nitrobenzene-d5	7.31	82	553455	92.41	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	145247	111.00	ng		-0.03
44) 2-Fluorobiphenyl	9.10	172	797094	95.06	ng		-0.03
78) Terphenyl-d14	12.84	244	508788	59.24	ng		-0.03
Target Compounds							Qvalue
25) Isophorone	7.31	82	552462	46.73	ng	#	68
31) Naphthalene	8.04	128	124941	7.03	ng		98
33) 4-Chloroaniline	8.04	127	16030	2.23	ng	#	33
37) 2-Methylnaphthalene	8.74	142	47474	4.09	ng		97
49) Dimethylphthalate	9.49	163	84512	8.18	ng		99
51) Acenaphthene	9.80	154	56635	6.82	ng		100
54) Dibenzofuran	9.98	168	72715	6.63	ng		95
55) 4-Nitrophenol	9.97	139	30668	19.74	ng	#	13
57) Fluorene	10.32	166	73374	7.83	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	9445	4.00	ng	#	1
70) Phenanthrene	11.29	178	843225	66.89	ng		100
71) Anthracene	11.33	178	242064	18.33	ng		99
72) Carbazole	11.49	167	111729	9.84	ng		99
73) Di-n-butylphthalate	11.82	149	45744	3.25	ng	#	93
74) Fluoranthene	12.48	202	862740	65.80	ng		93
77) Pyrene	12.70	202	763228	53.64	ng		100
79) Butylbenzylphthalate	13.32	149	16872	2.63	ng		93
80) Benzo(a)anthracene	13.89	228	410898	34.52	ng		98
82) Chrysene	13.89	228	410898	35.84	ng		96
83) Bis(2-ethylhexyl)phthalate	13.88	149	275985	32.46	ng	#	98
84) Di-n-octyl phthalate	14.49	149	59799	4.40	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.65	276	124355	13.37	ng		93
87) Benzo(b)fluoranthene	14.91	252	485279	44.94	ng		97
88) Benzo(k)fluoranthene	14.91	252	485279	50.75	ng	#	94
89) Benzo(a)pyrene	15.25	252	241527	25.24	ng		96
90) Dibenzo(a,h)anthracene	16.65	278	39676	5.15	ng	#	86
91) Benzo(g,h,i)perylene	17.06	276	106864	14.34	ng		99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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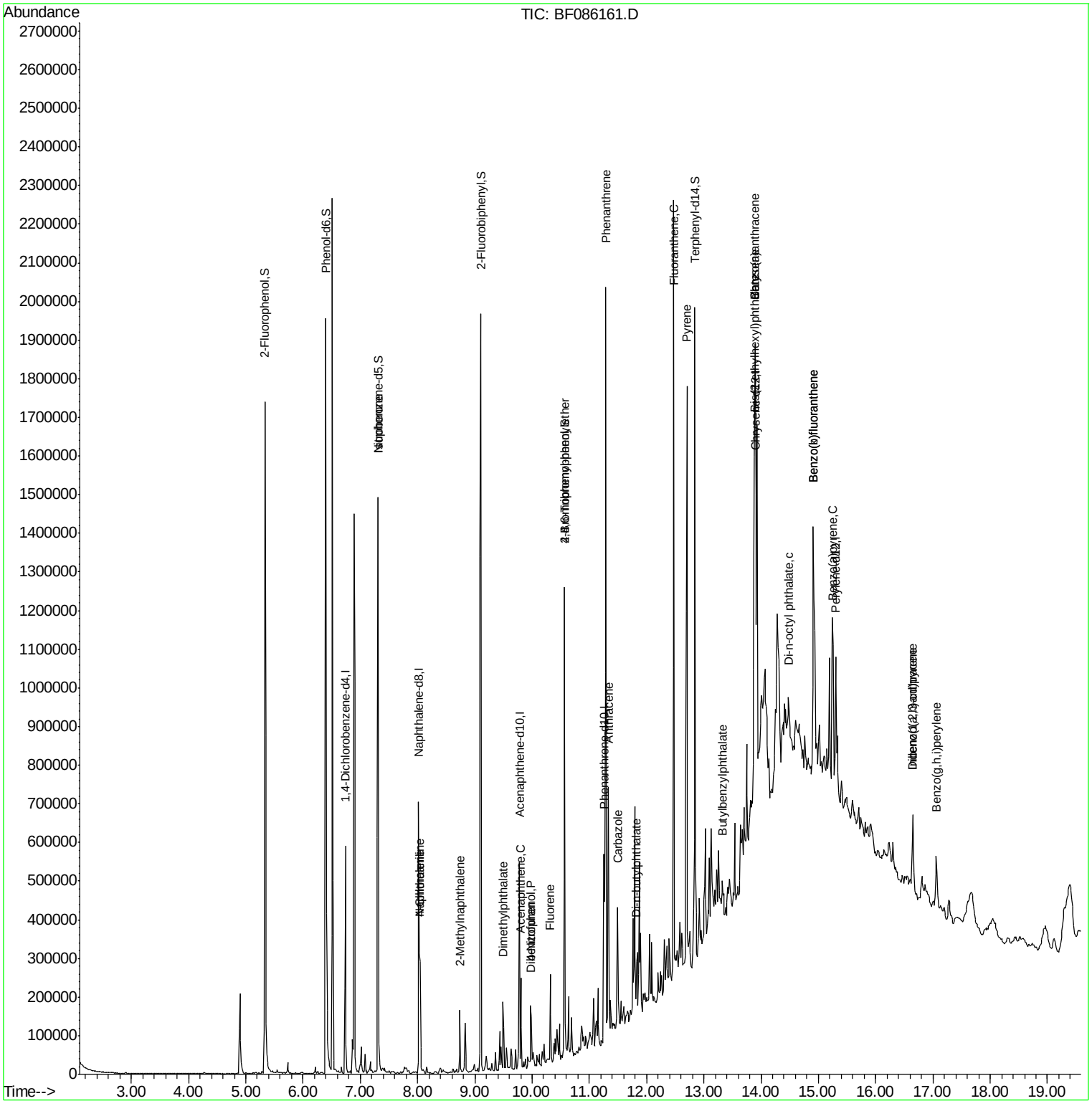
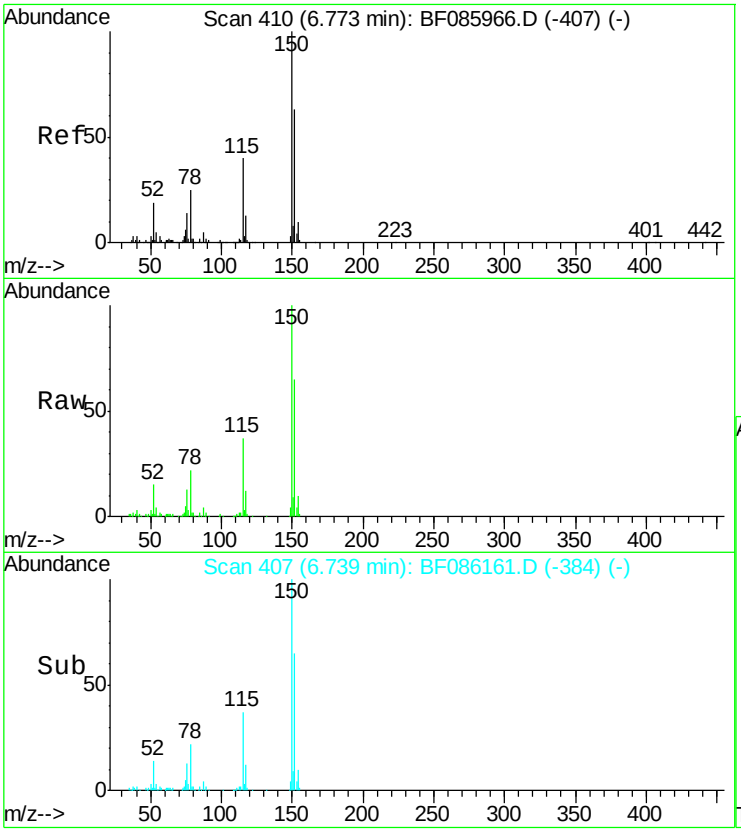


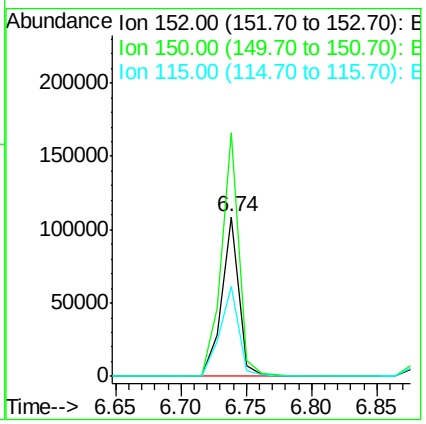


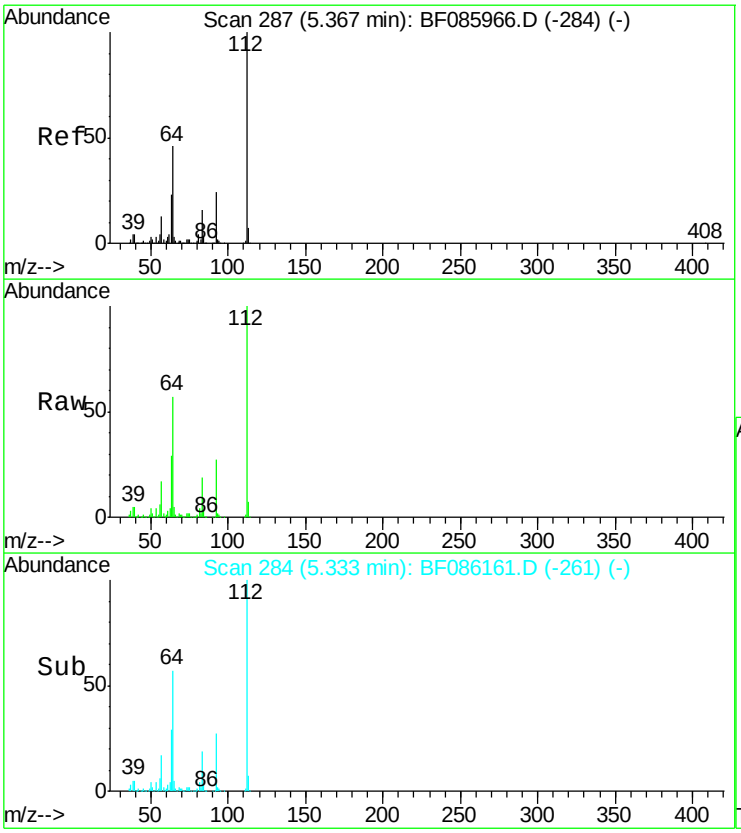
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:152 Resp: 100516

Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.2	186.2
115	56.5	47.0	70.6

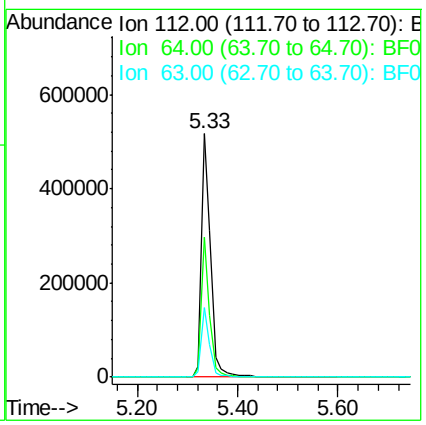


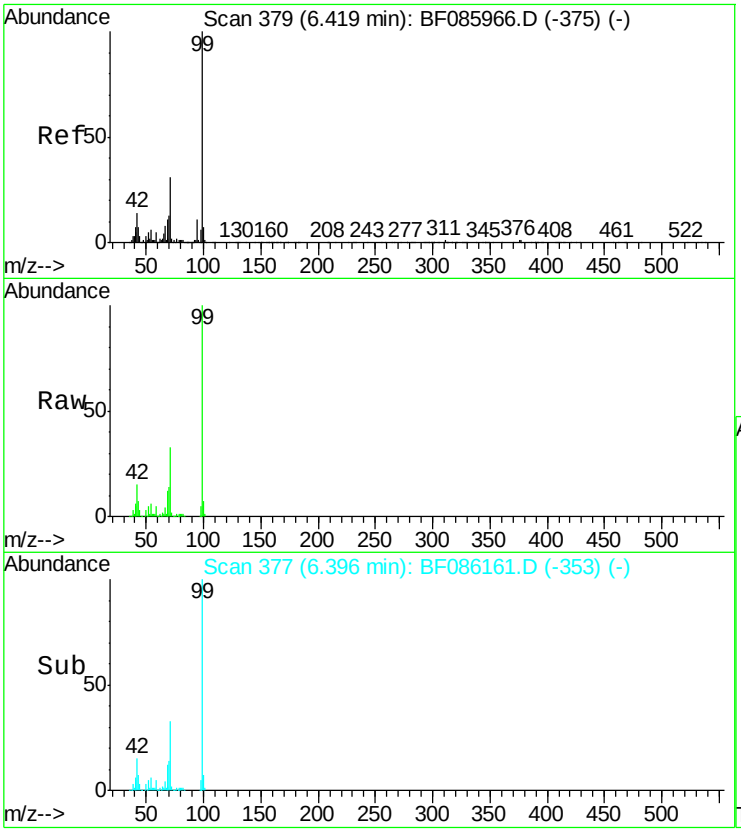


#5
2-Fluorophenol
Concen: 110.44 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:112 Resp: 649435

Ion	Ratio	Lower	Upper
112	100		
64	57.4	39.9	59.9
63	28.8	20.2	30.2



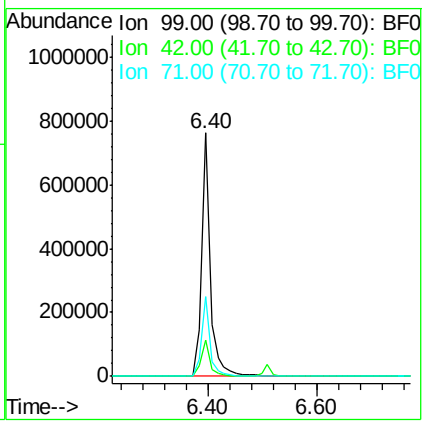


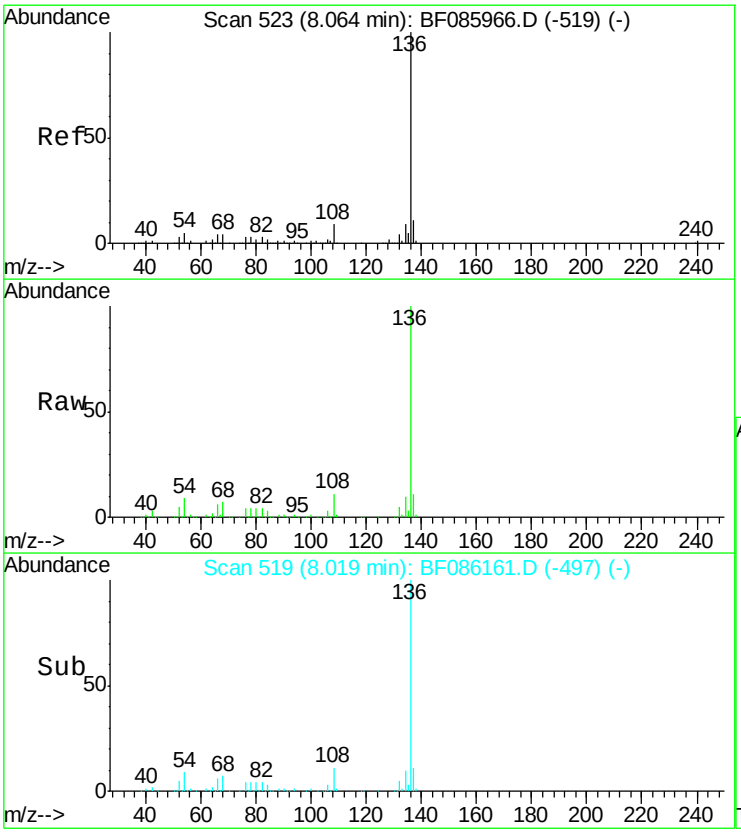
#7
Phenol-d6
Concen: 111.92 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion: 99 Resp: 835987

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.1	16.7
71	32.8	24.9	37.3

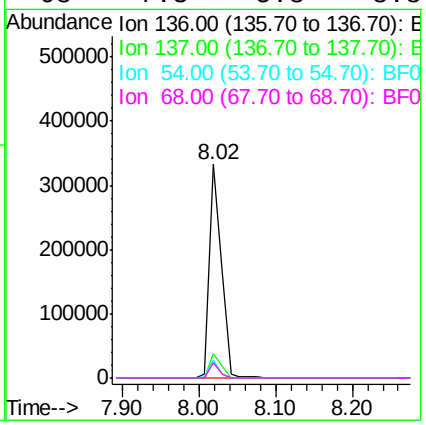


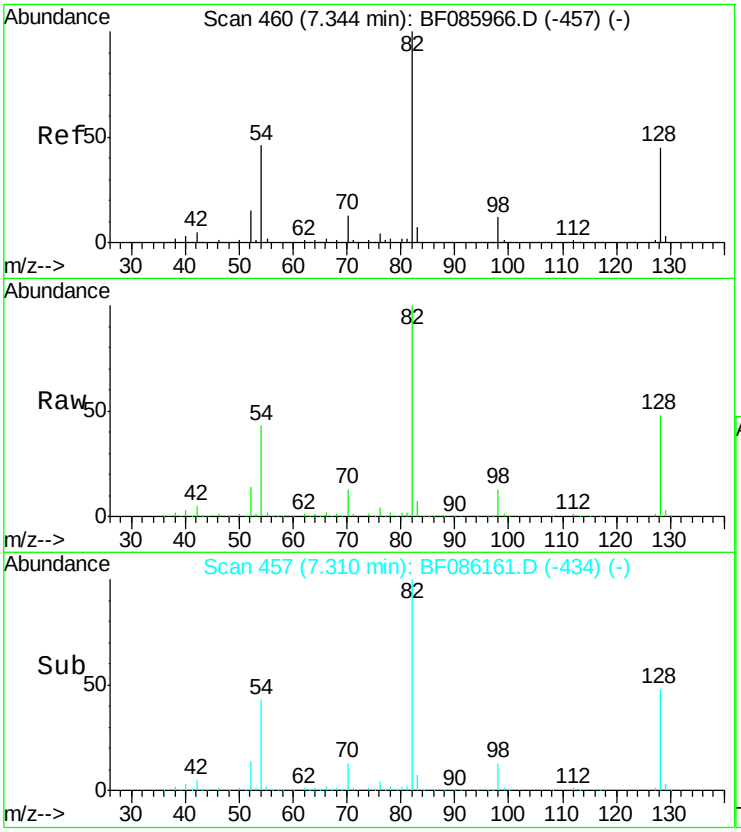


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:136 Resp: 353209

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.6	7.4	11.0
68	7.3	5.8	8.8



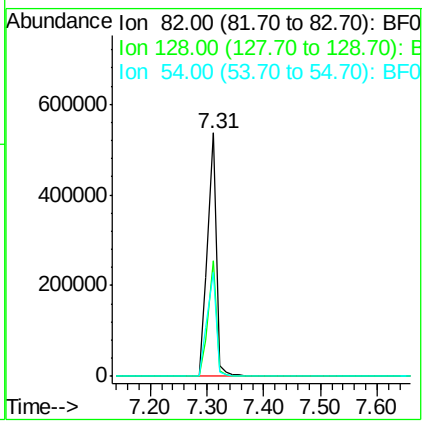


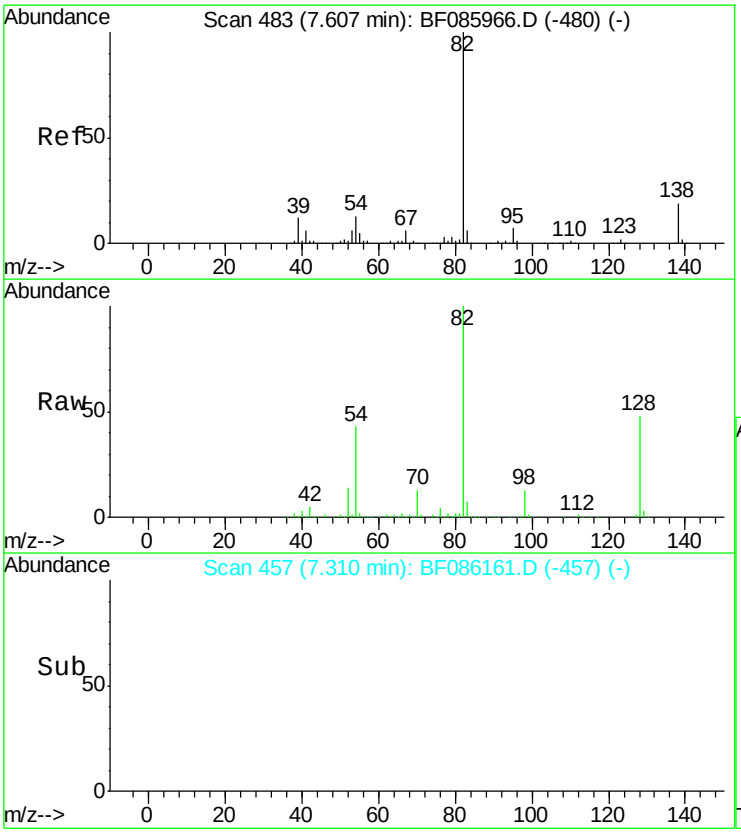
#23
Nitrobenzene-d5
Concen: 92.41 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion: 82 Resp: 553455

Ion	Ratio	Lower	Upper
82	100		
128	47.6	41.8	62.8
54	43.0	33.4	50.0

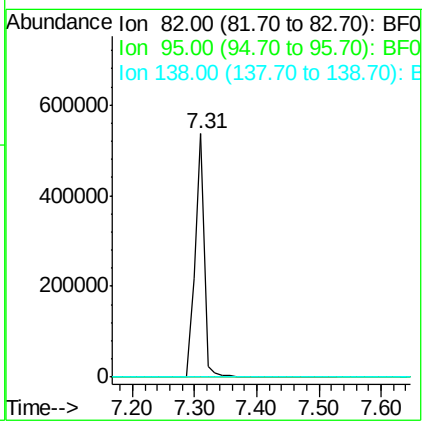


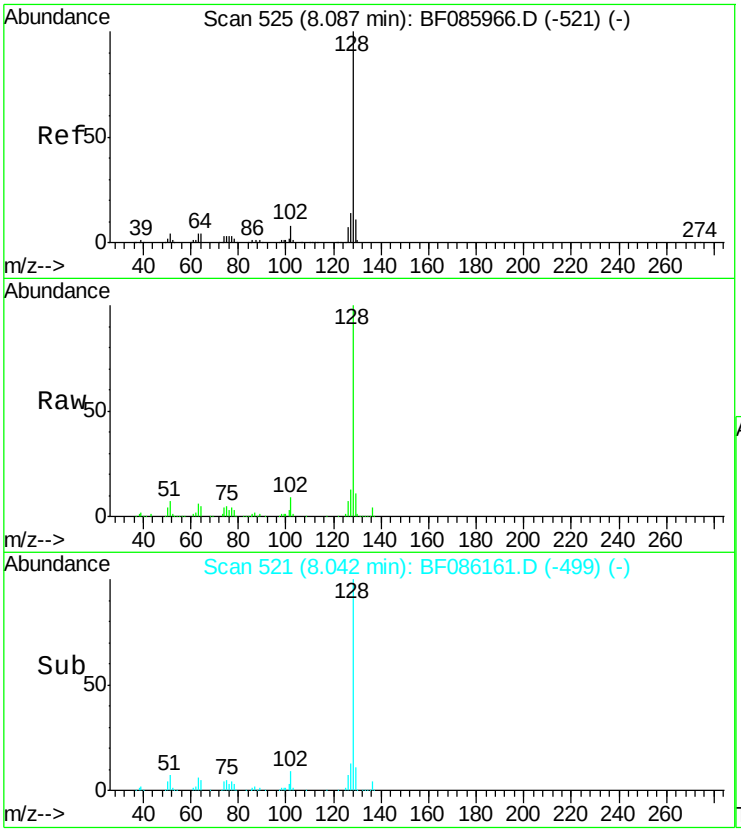


#25
Isophorone
Concen: 46.73 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.30 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion: 82 Resp: 552462

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



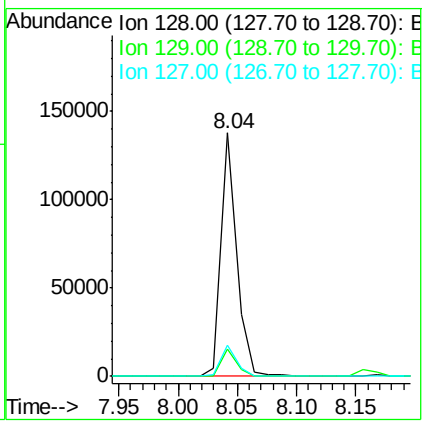


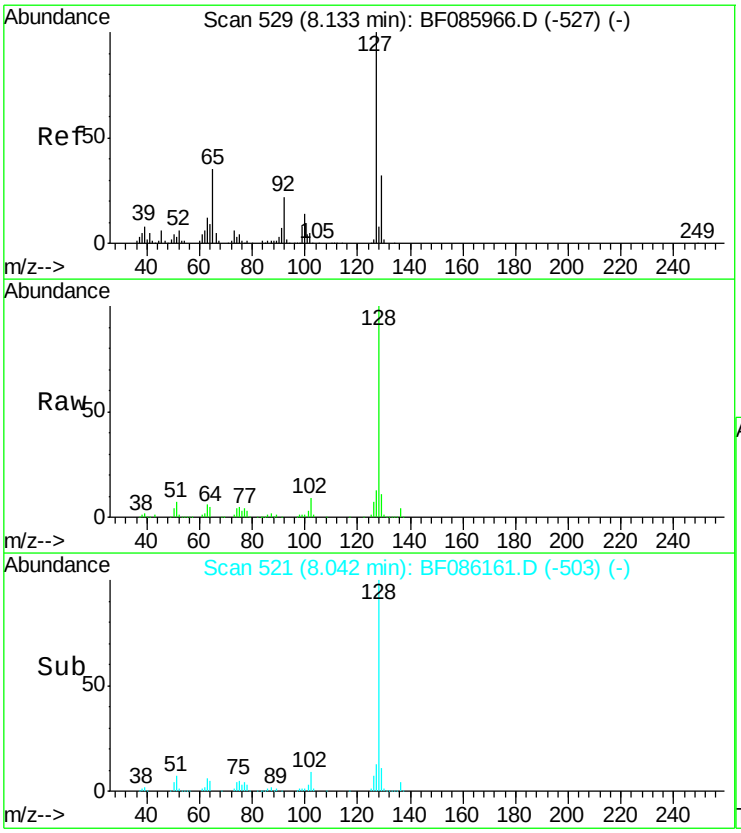
#31
Naphthalene
Concen: 7.03 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:128 Resp: 124941

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.0
127	12.9	11.0	16.6

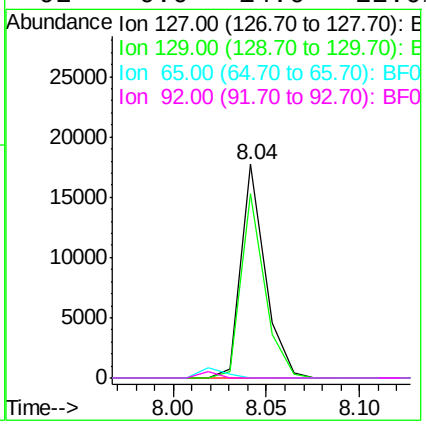


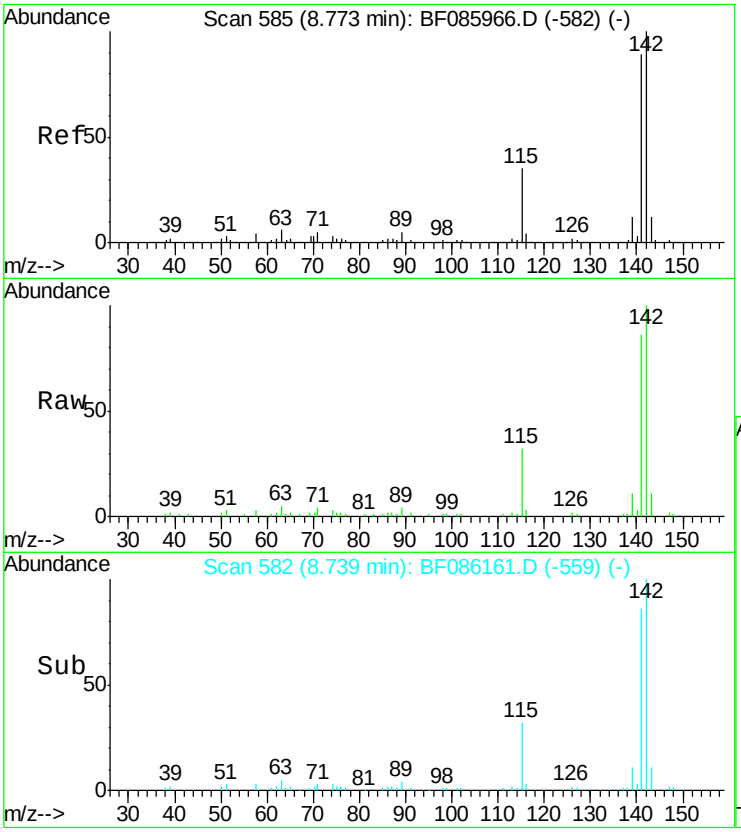


#33
4-Chloroaniline
Concen: 2.23 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.09 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:127 Resp: 16030

Ion	Ratio	Lower	Upper
127	100		
129	86.1	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#



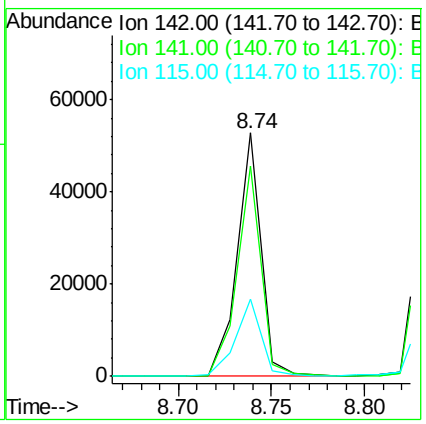


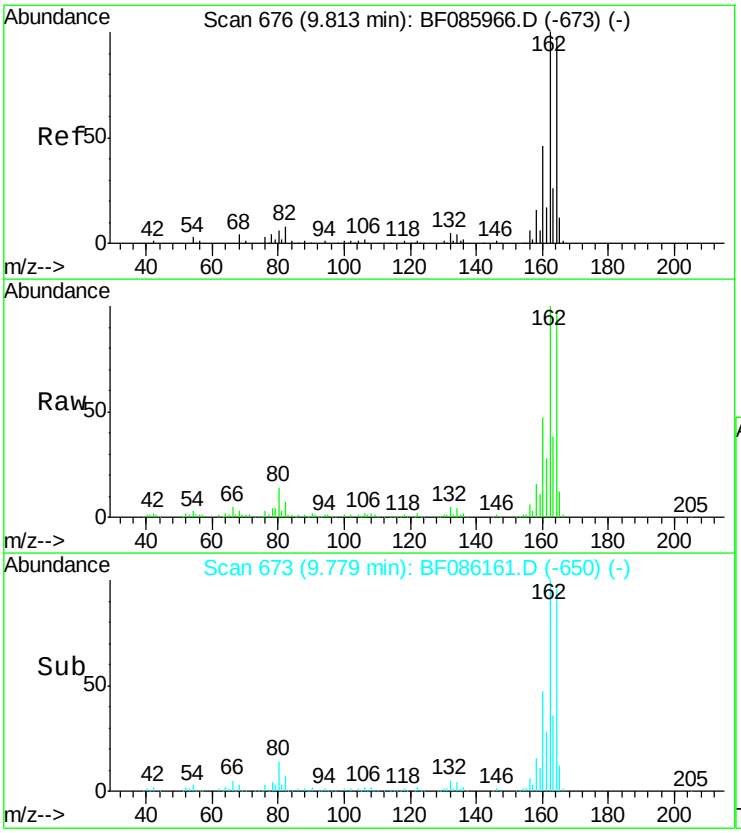
#37
2-Methylnaphthalene
Concen: 4.09 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:142 Resp: 47474

Ion	Ratio	Lower	Upper
142	100		
141	86.4	71.6	107.4
115	31.9	26.8	40.2

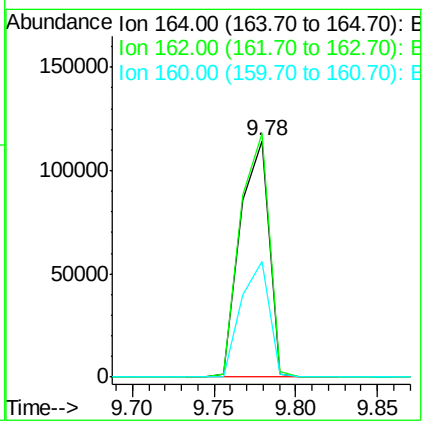


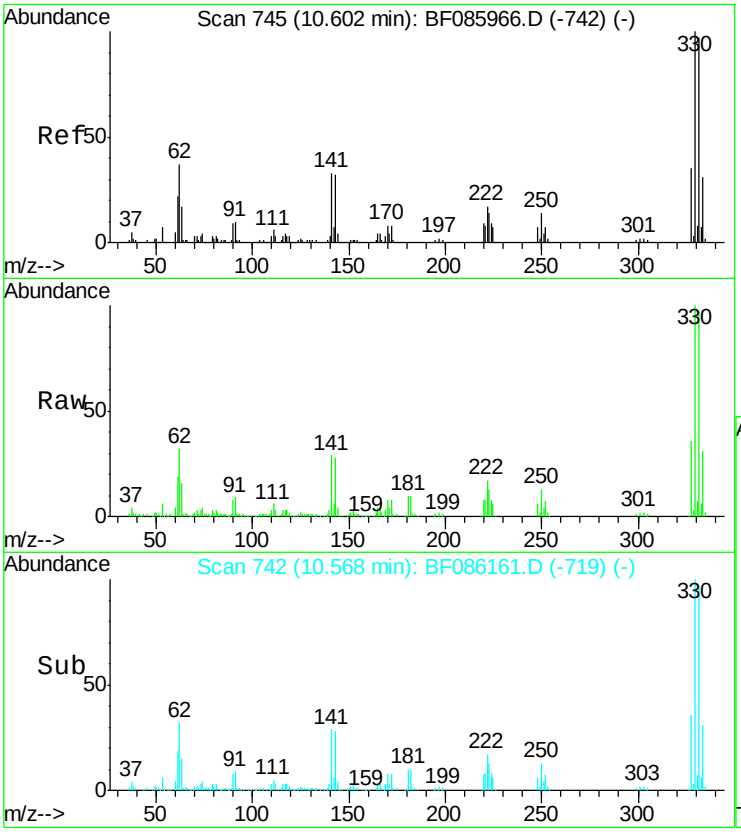


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:164 Resp: 139414

Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.1	123.1
160	48.8	37.4	56.2



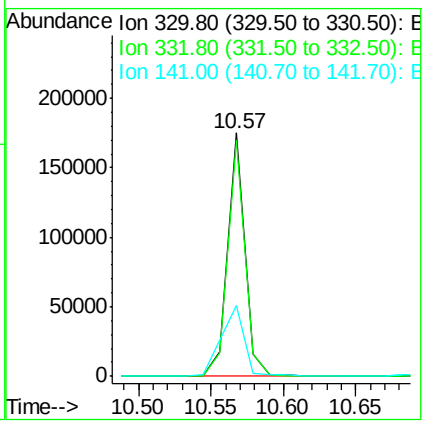


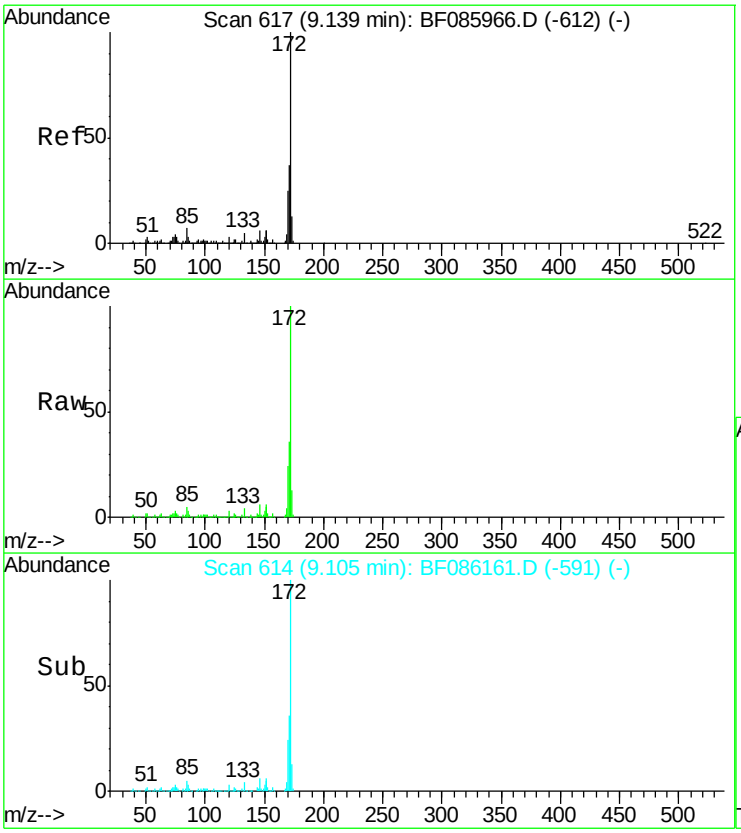
#41
2,4,6-Tribromophenol
Concen: 111.00 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:330 Resp: 145247

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.2	117.2
141	40.6	31.5	47.3

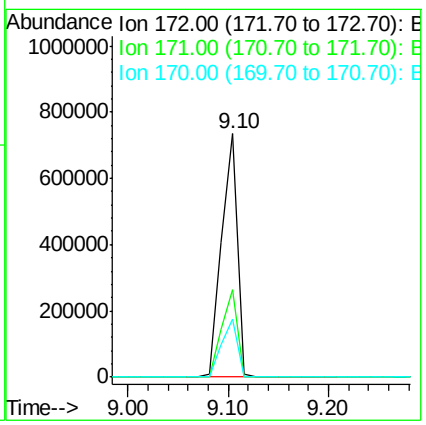


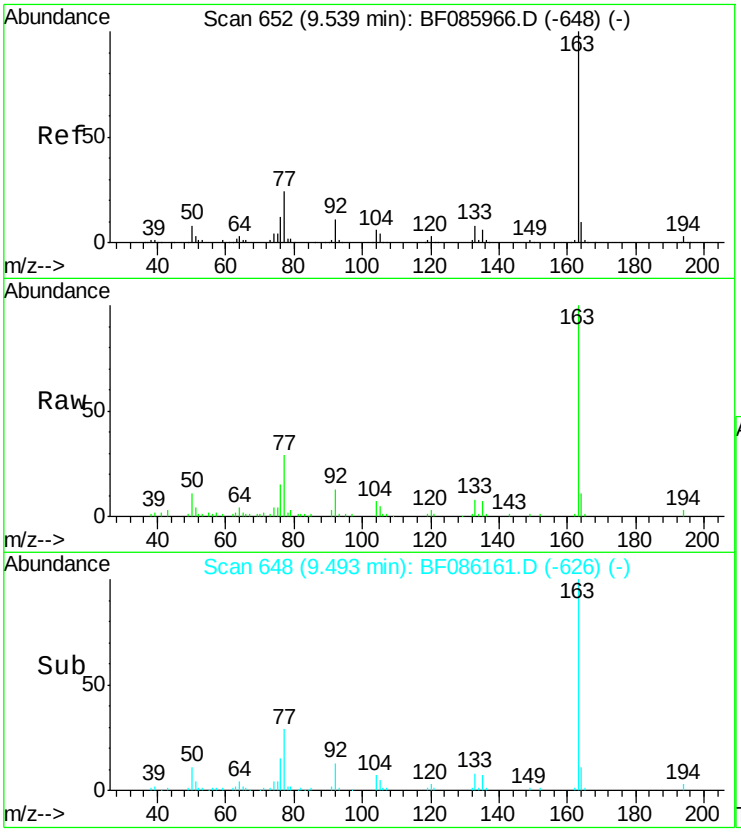


#44
2-Fluorobiphenyl
Concen: 95.06 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:172 Resp: 797094

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.2
170	23.8	19.8	29.6



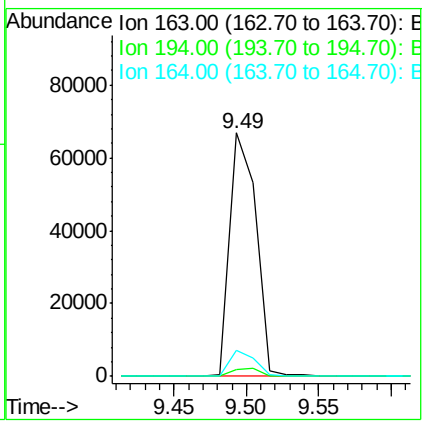


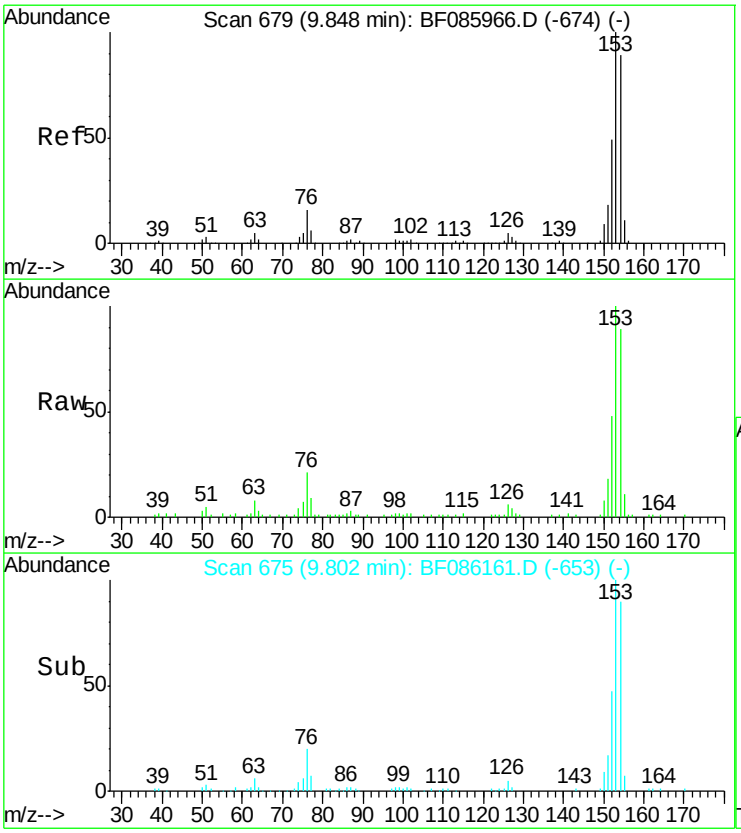
#49
Dimethylphthalate
Concen: 8.18 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:163 Resp: 84512

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.9	4.3
164	10.6	8.3	12.5

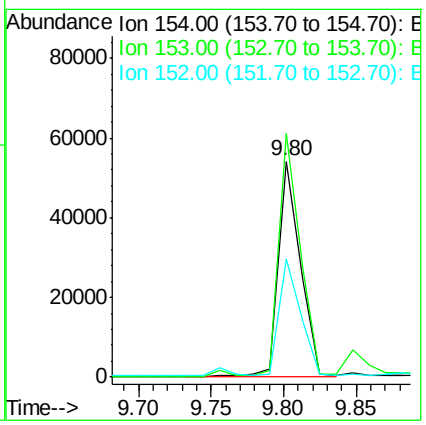


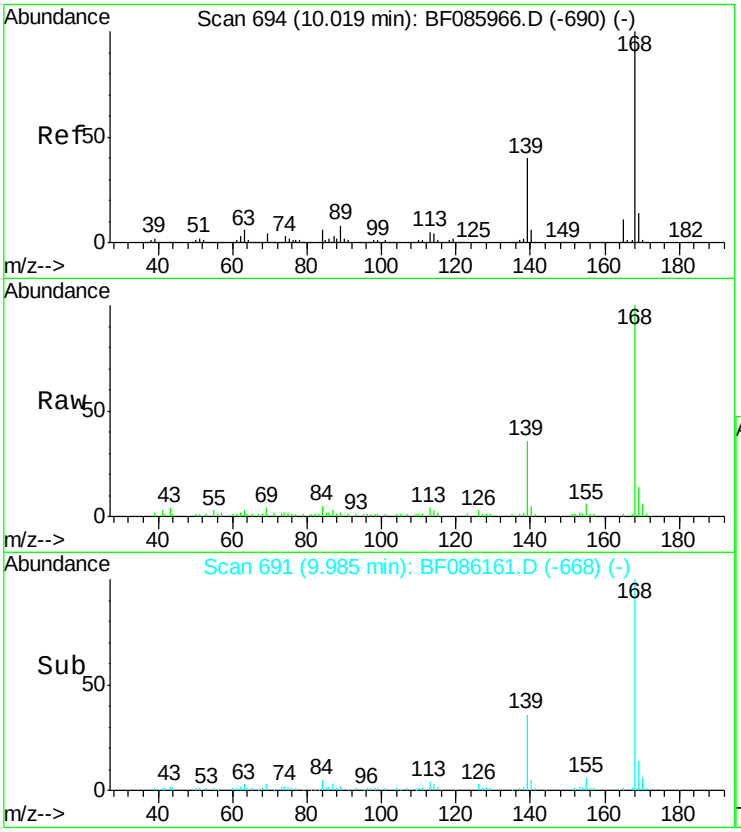


#51
Acenaphthene
Concen: 6.82 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:154 Resp: 56635

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.1	135.1
152	54.5	44.2	66.2



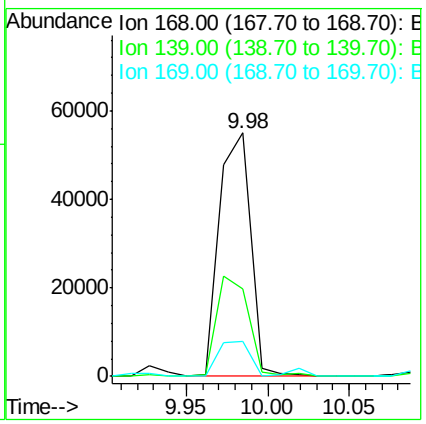


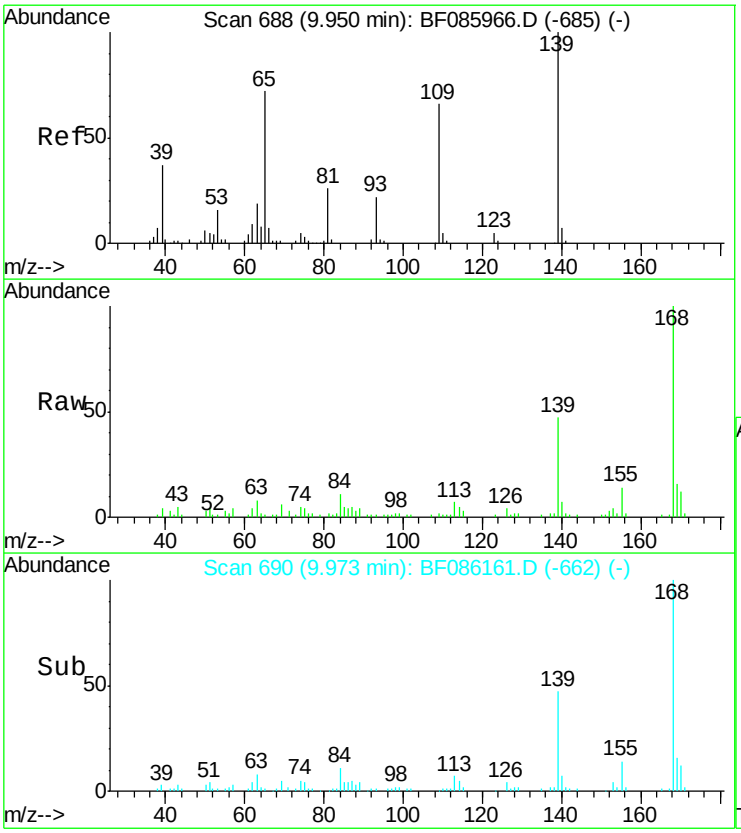
#54
Dibenzofuran
Concen: 6.63 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:168 Resp: 72715

Ion	Ratio	Lower	Upper
168	100		
139	35.7	31.9	47.9
169	14.1	11.0	16.6

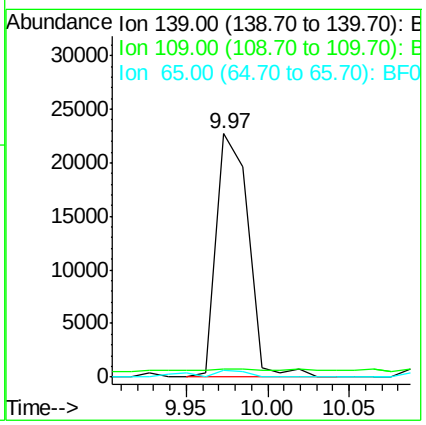


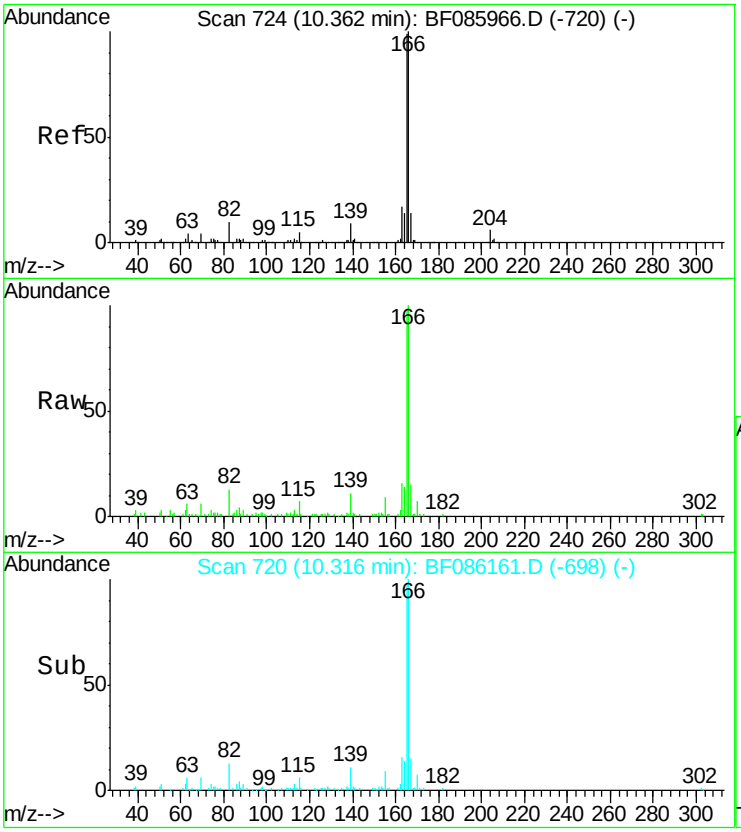


#55
4-Nitrophenol
Concen: 19.74 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:139 Resp: 30668

Ion	Ratio	Lower	Upper
139	100		
109	3.2	49.2	89.2#
65	2.6	66.9	106.9#



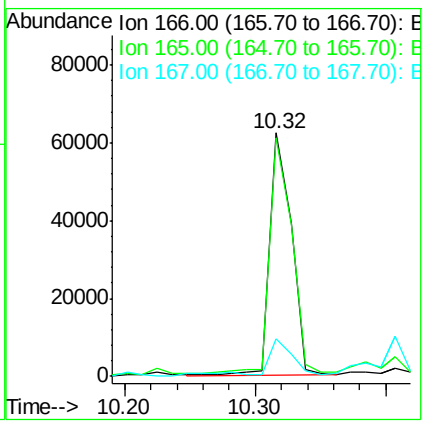


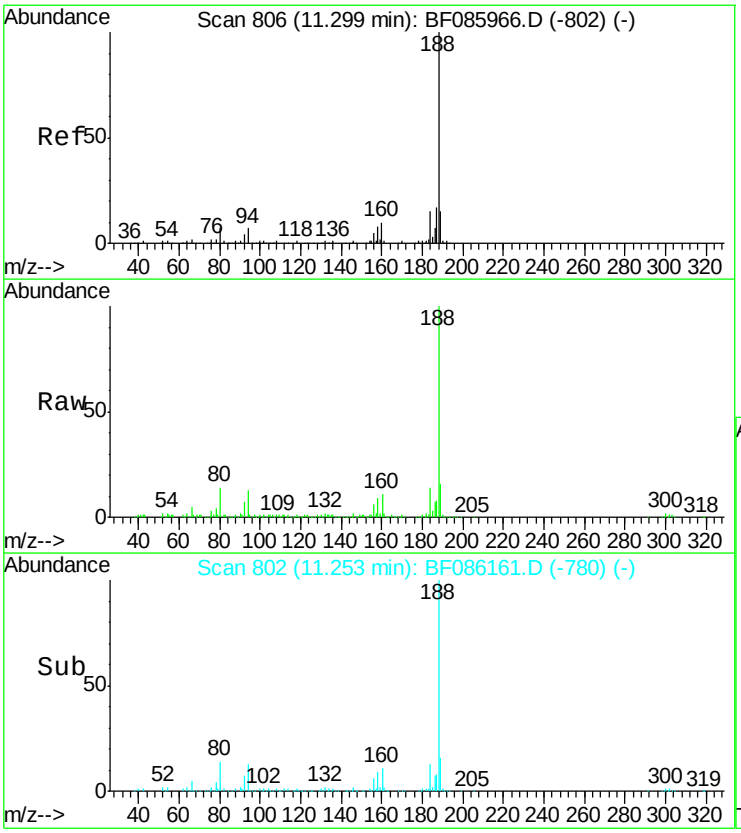
#57
Fluorene
Concen: 7.83 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:166 Resp: 73374

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.4	119.0
167	15.2	11.0	16.4

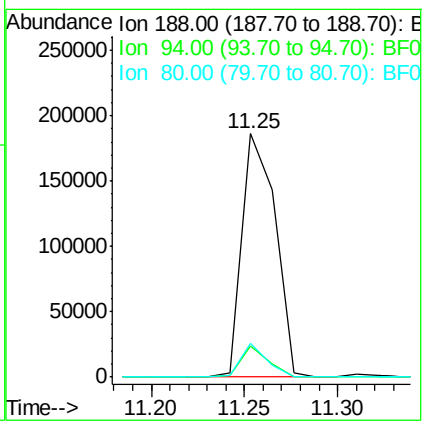


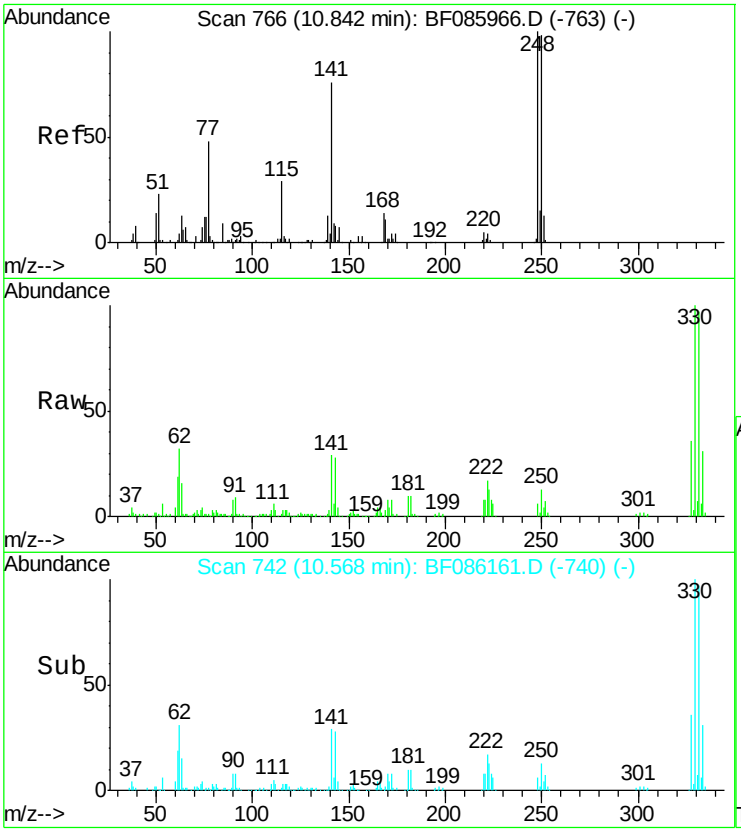


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:188 Resp: 231076

Ion	Ratio	Lower	Upper
188	100		
94	13.0	5.4	8.0#
80	14.0	5.5	8.3#



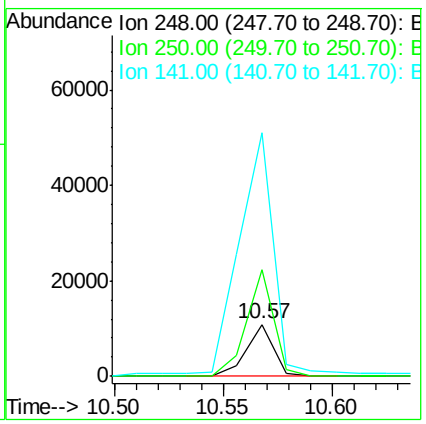


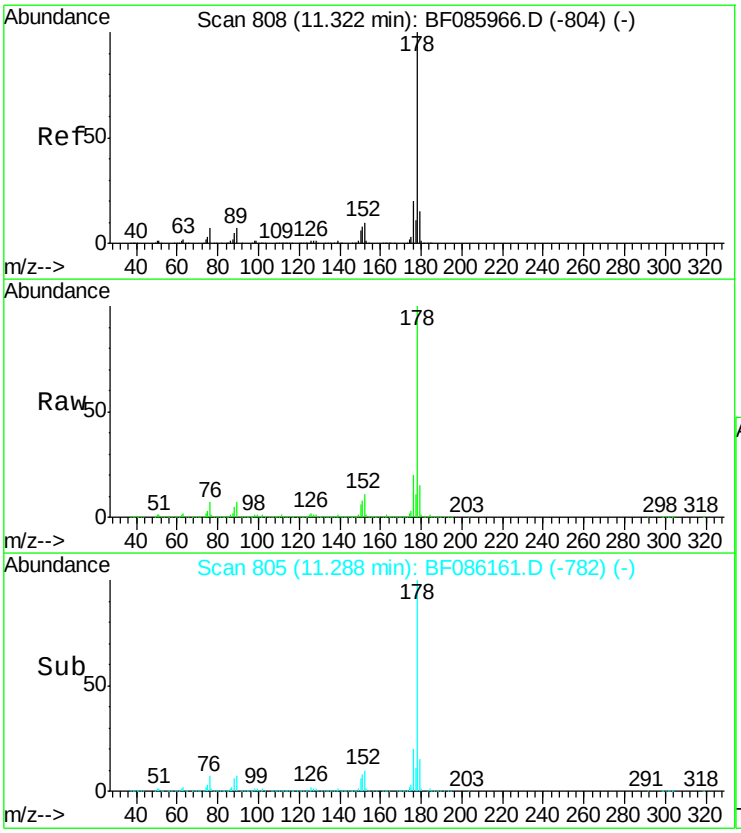
#66
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.27 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:248 Resp: 9445

Ion	Ratio	Lower	Upper
248	100		
250	207.7	77.4	116.0#
141	471.3	63.6	95.4#

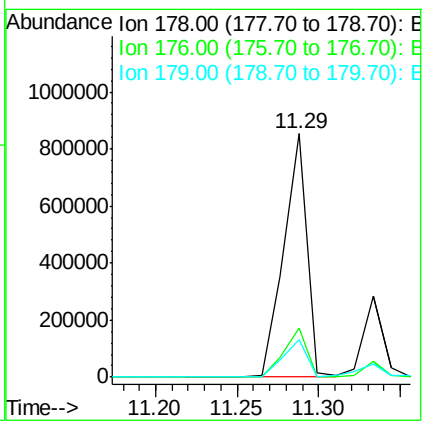


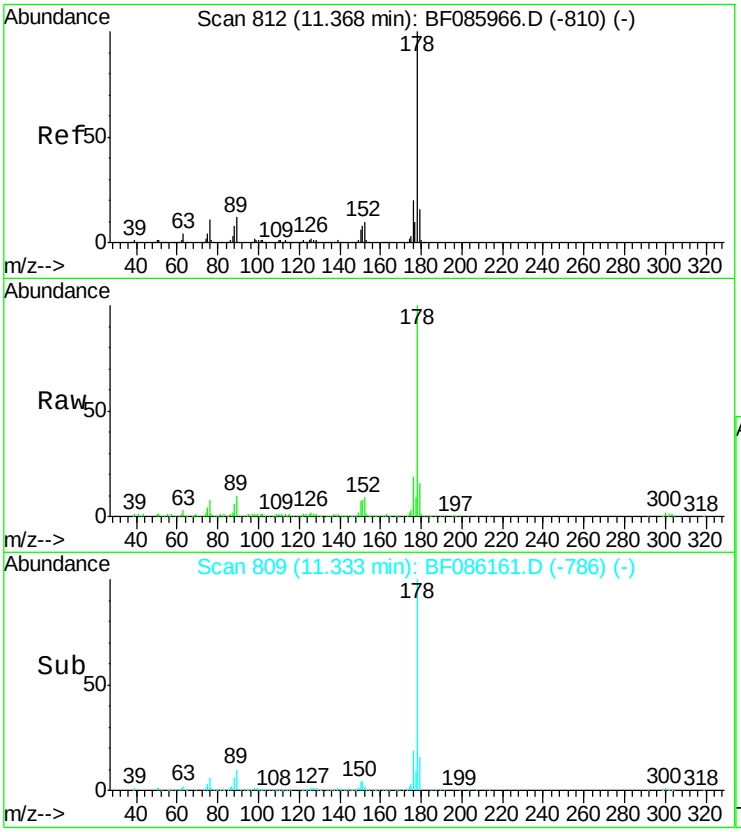


#70
Phenanthrene
Concen: 66.89 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:178 Resp: 843225

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.3	24.5
179	15.4	12.6	18.8



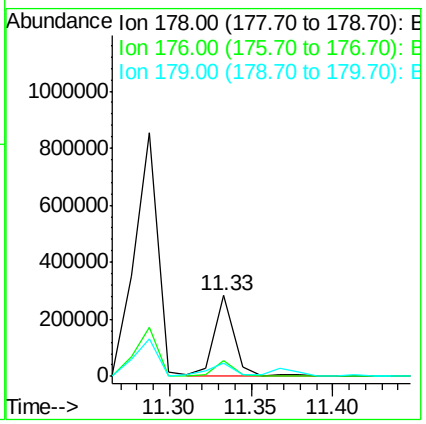


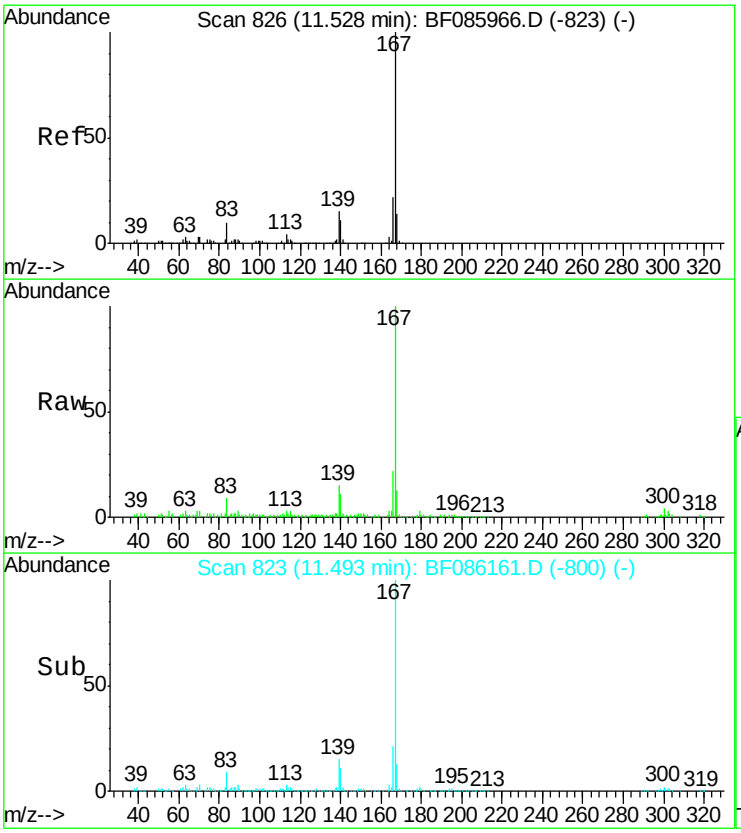
#71
Anthracene
Concen: 18.33 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:178 Resp: 242064

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.1	13.0	19.4

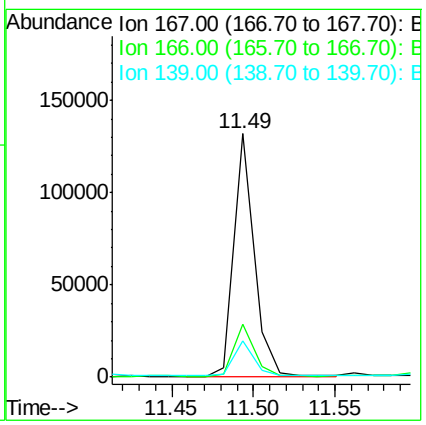


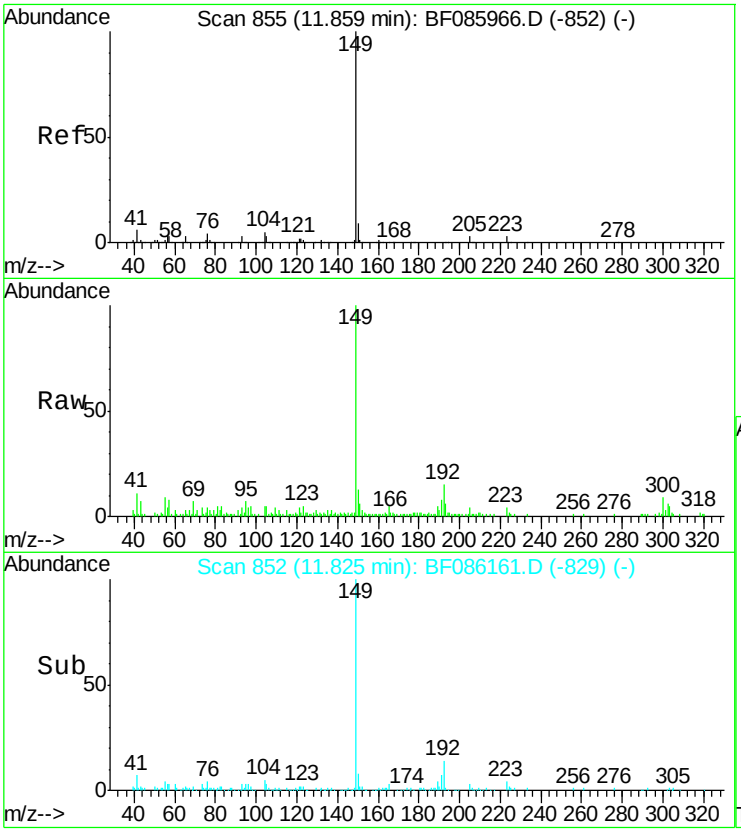


#72
Carbazole
Concen: 9.84 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:167 Resp: 111729

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.8
139	14.9	11.6	17.4



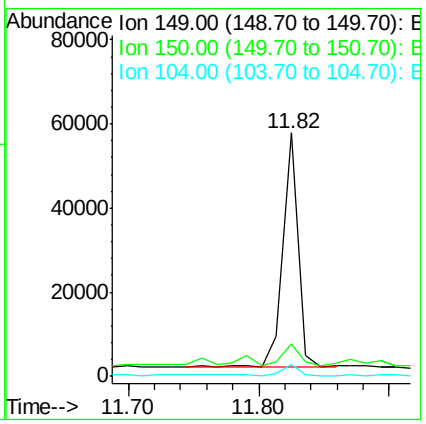


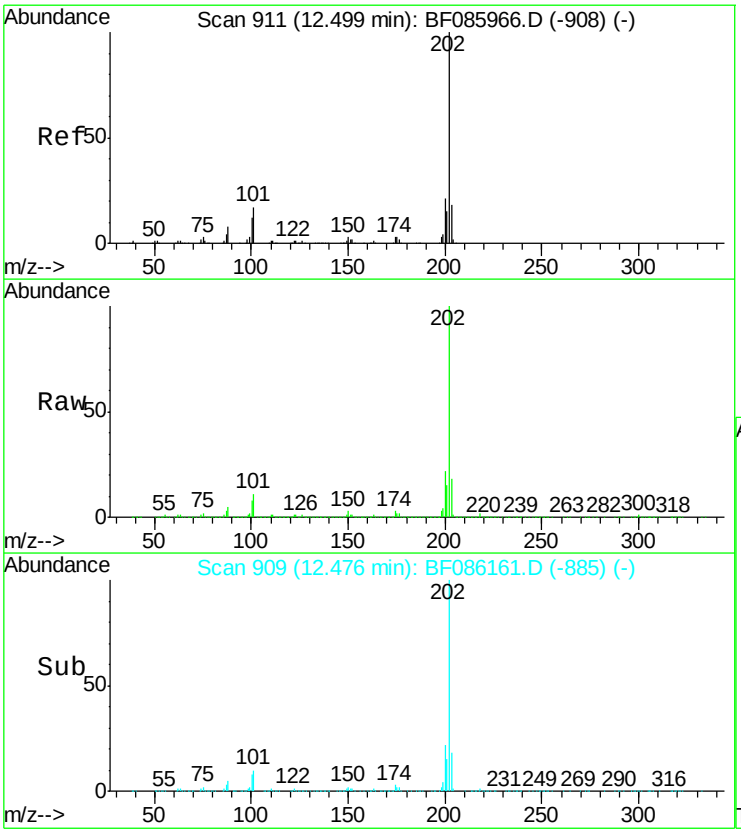
#73
Di-n-butylphthalate
Concen: 3.25 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:149 Resp: 45744

Ion	Ratio	Lower	Upper
149	100		
150	13.2	7.6	11.4#
104	4.7	3.8	5.8

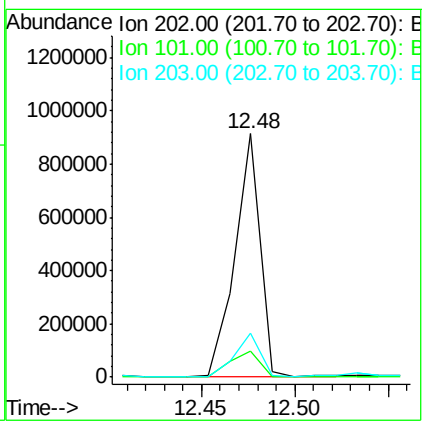


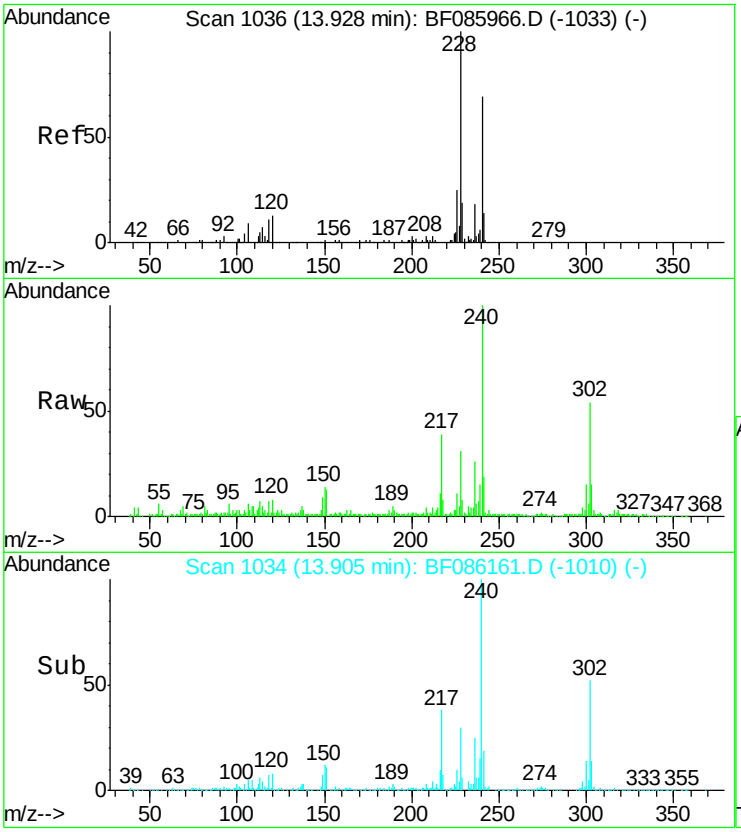


#74
Fluoranthene
Concen: 65.80 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:202 Resp: 862740

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	36.6
203	18.0	0.0	38.1



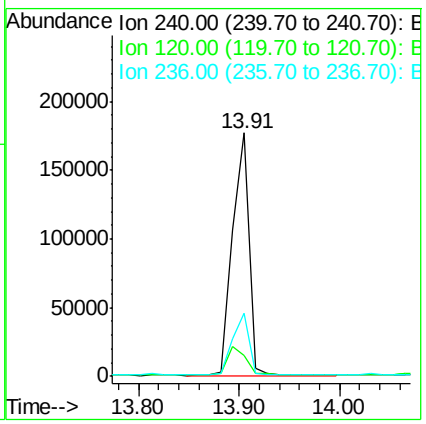


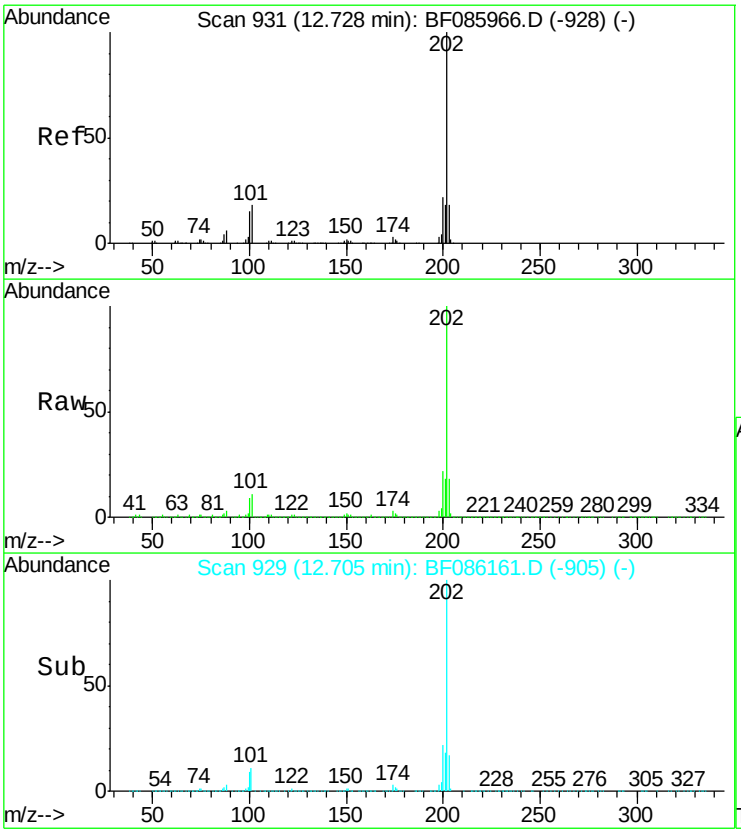
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:240 Resp: 201905

Ion	Ratio	Lower	Upper
240	100		
120	8.4	13.8	20.8#
236	25.8	20.6	30.8

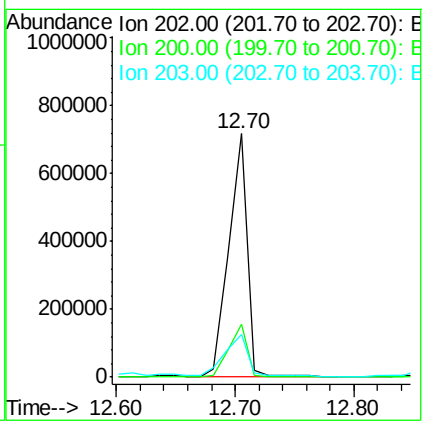


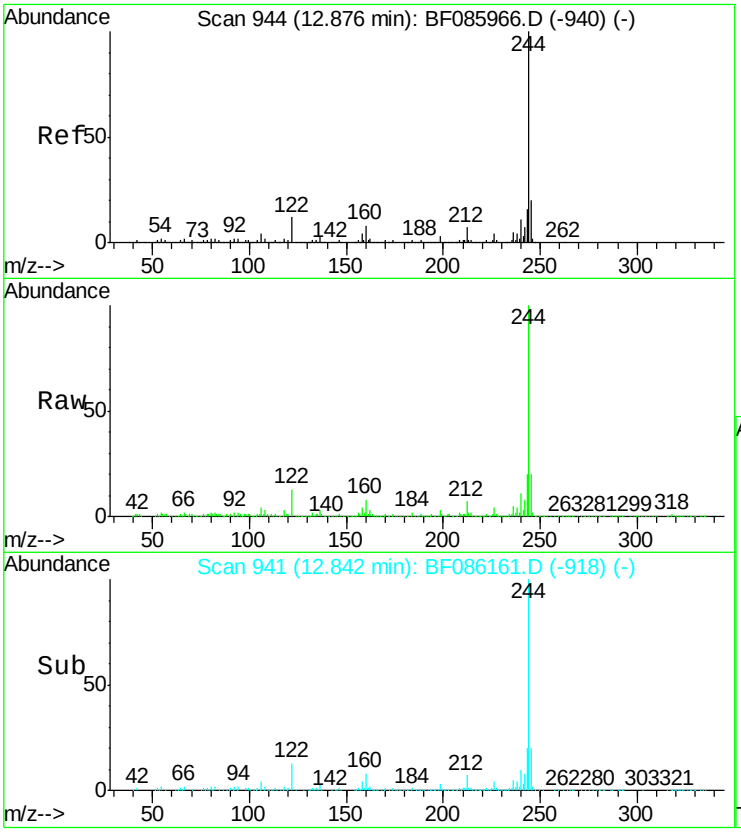


#77
Pyrene
Concen: 53.64 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:202 Resp: 763228

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.7	14.0	21.0



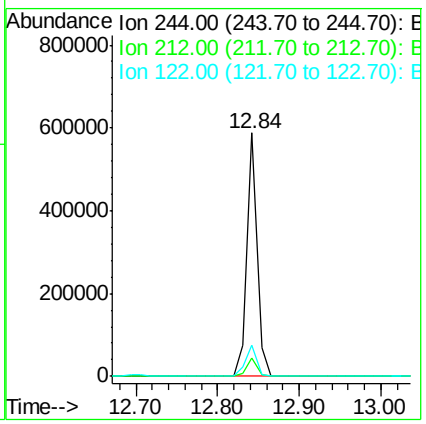


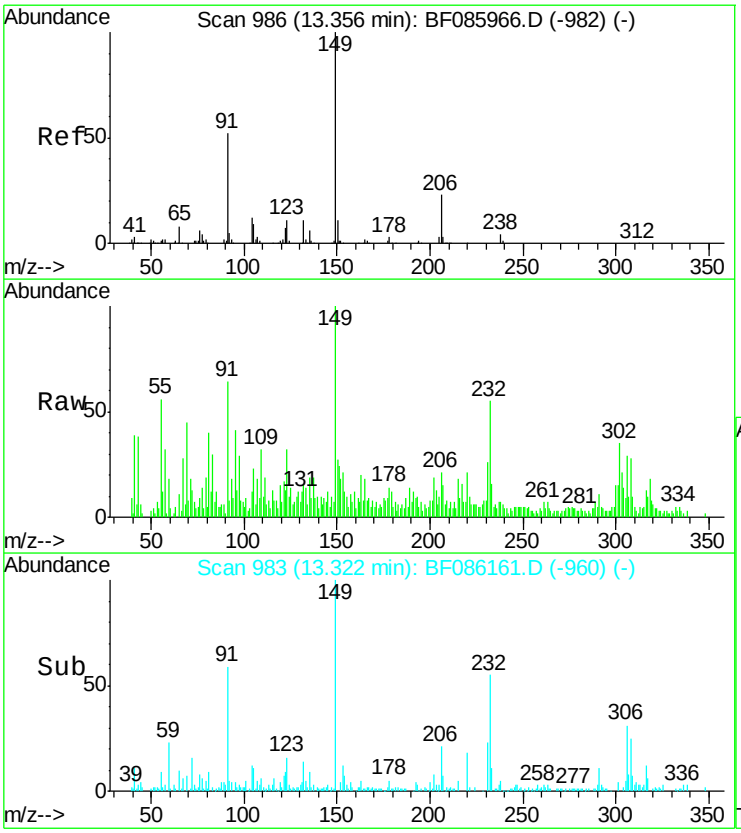
#78
Terphenyl-d14
Concen: 59.24 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:244 Resp: 508788

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	12.9	10.2	15.4

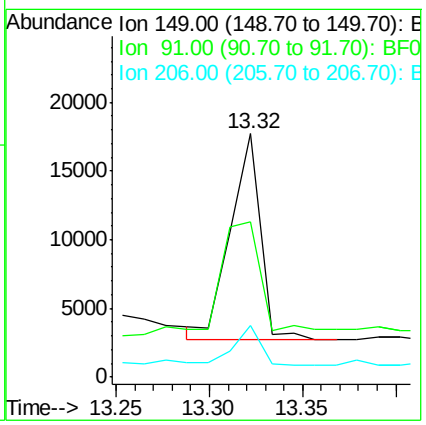


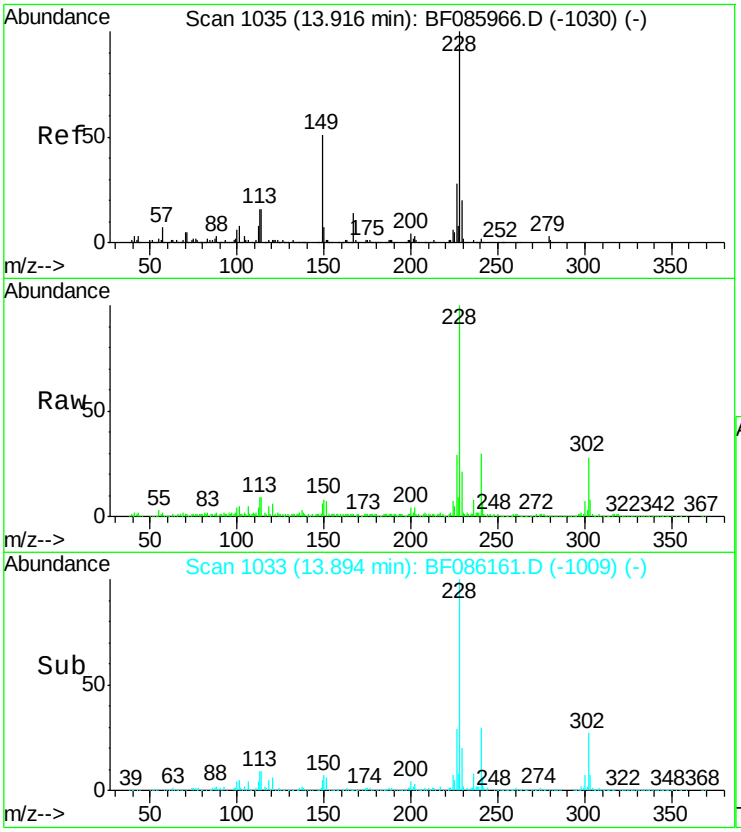


#79
Butylbenzylphthalate
Concen: 2.63 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:149 Resp: 16872

Ion	Ratio	Lower	Upper
149	100		
91	64.0	45.8	68.8
206	21.2	17.8	26.8



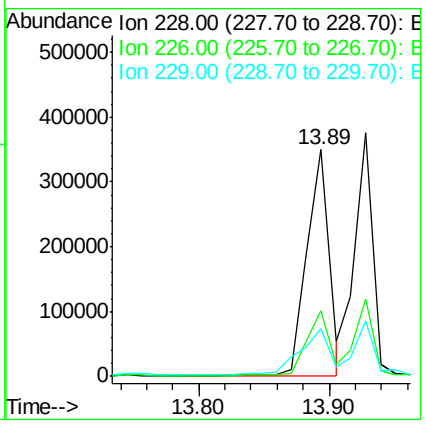


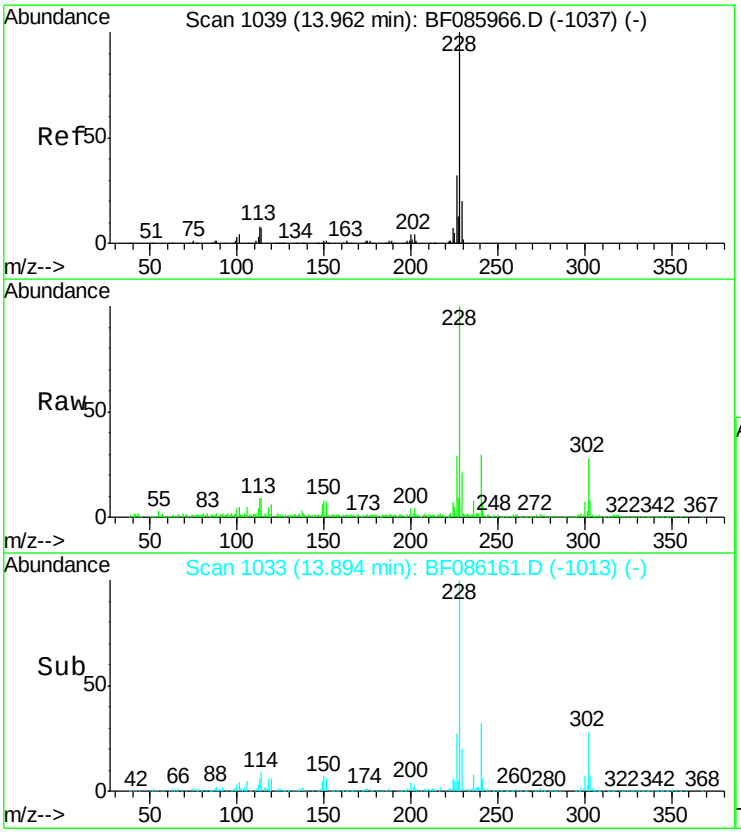
#80
Benzo(a)anthracene
Concen: 34.52 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:228 Resp: 410898

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	20.8	16.2	24.4

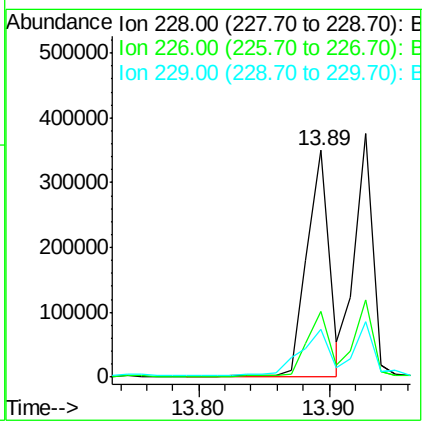


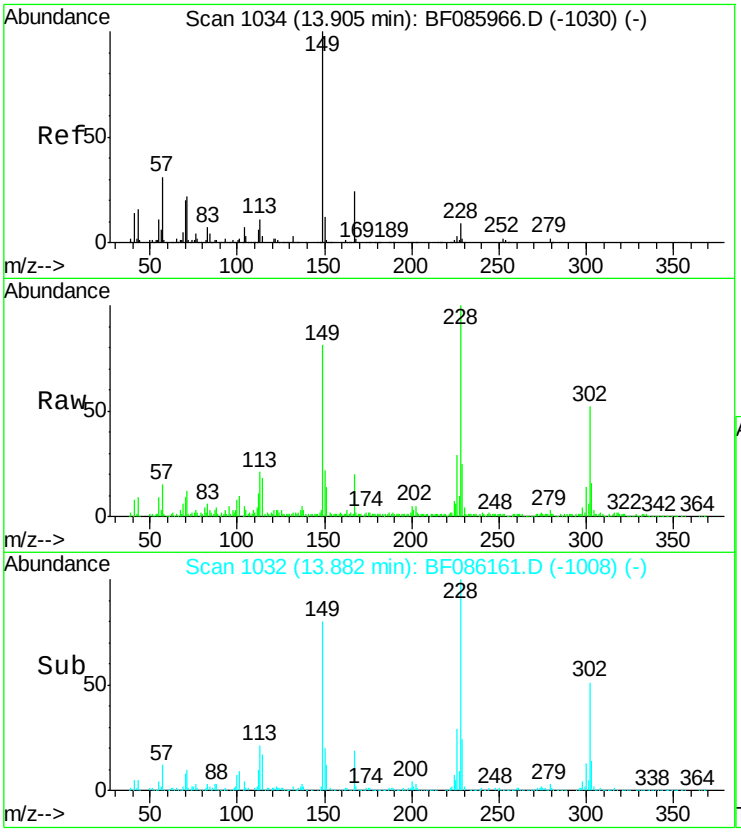


#82
Chrysene
Concen: 35.84 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.07 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:228 Resp: 410898

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.0	37.6
229	20.8	15.7	23.5



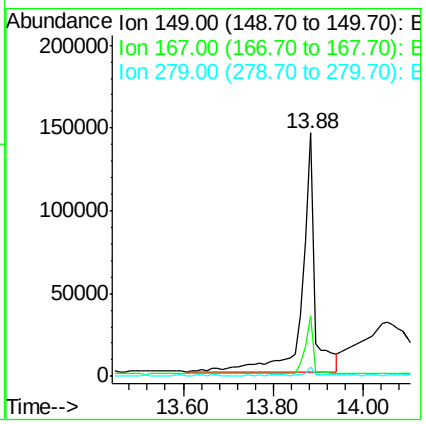


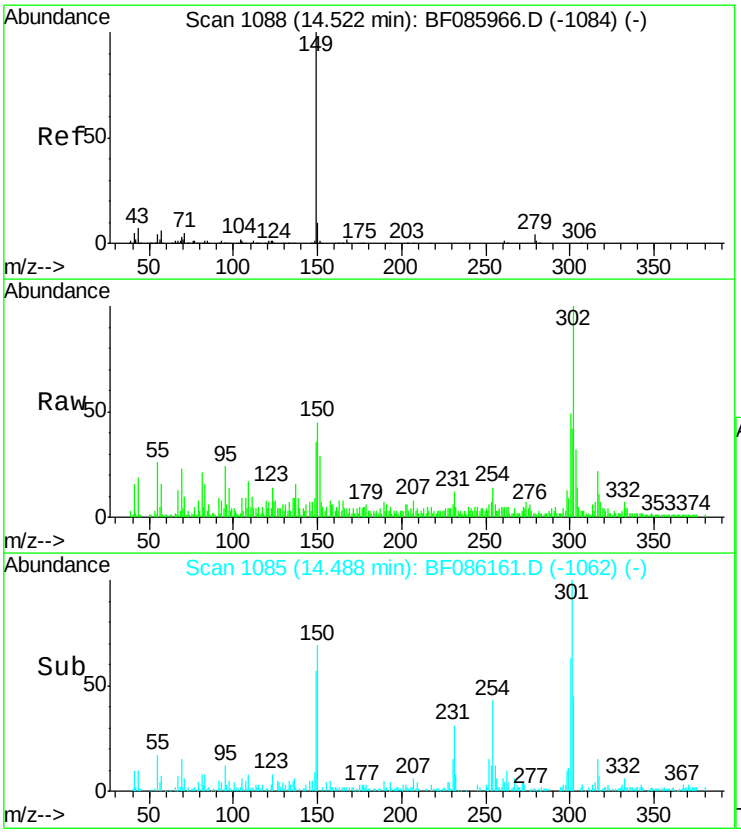
#83
Bis(2-ethylhexyl)phthalate
Concen: 32.46 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:149 Resp: 275985

Ion	Ratio	Lower	Upper
149	100		
167	24.9	19.4	29.2
279	4.0	1.5	2.3#

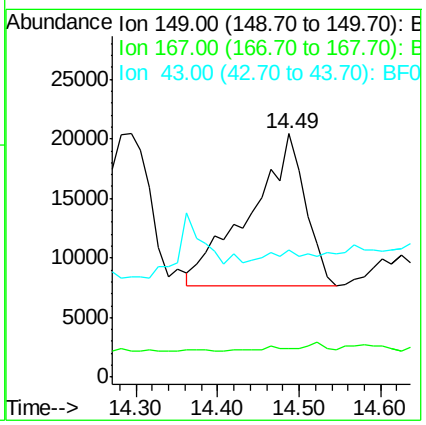


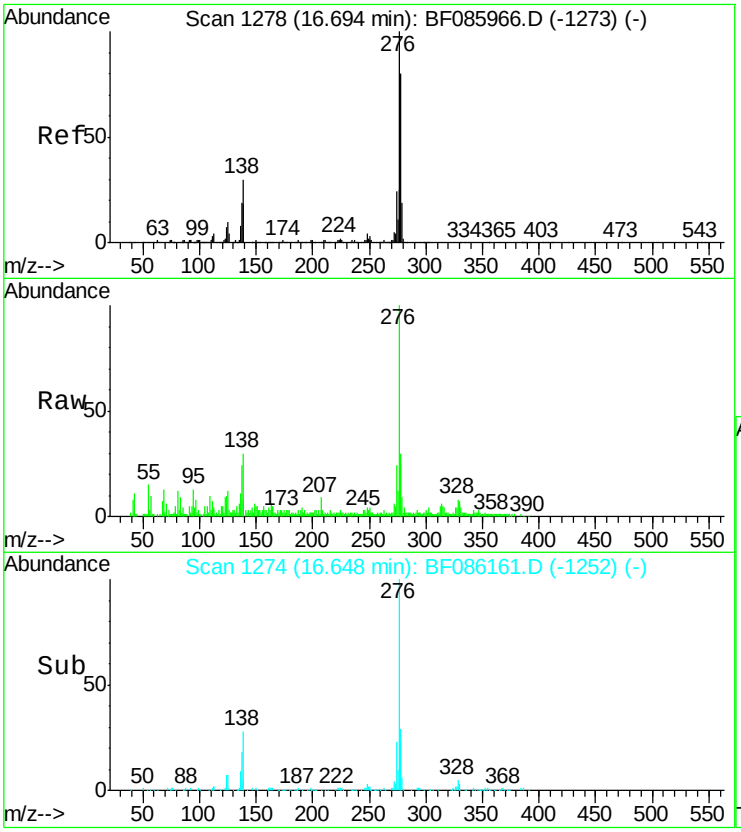


#84
Di-n-octyl phthalate
Concen: 4.40 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:149 Resp: 59799

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	4.8	7.1	10.7#



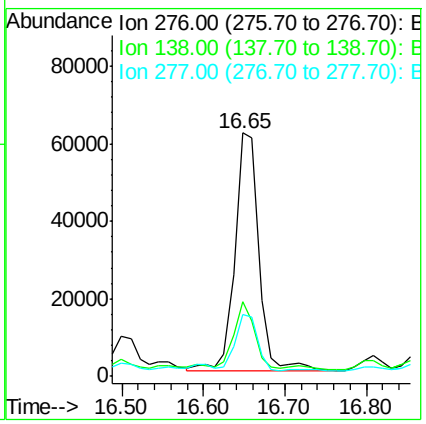


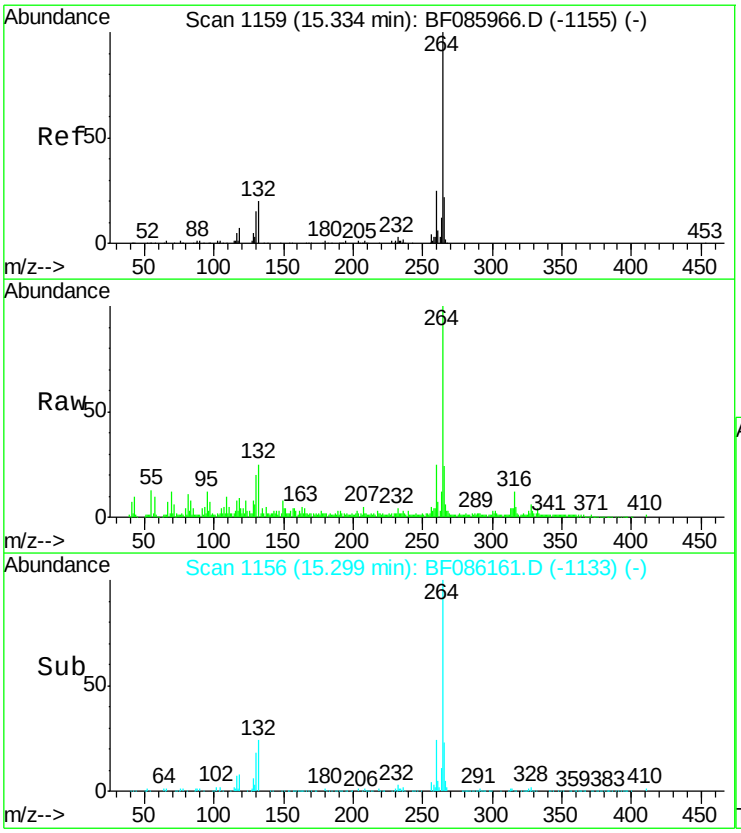
#85
Indeno(1,2,3-cd)pyrene
Concen: 13.37 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:276 Resp: 124355

Ion	Ratio	Lower	Upper
276	100		
138	25.9	24.2	36.4
277	22.0	20.0	30.0

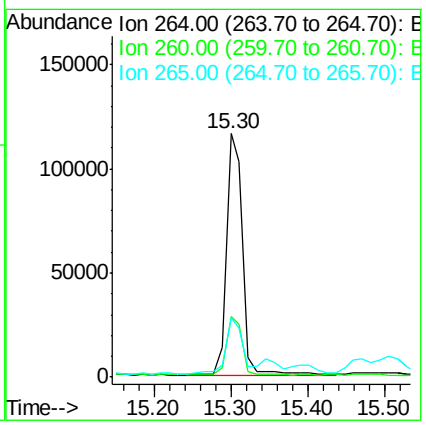


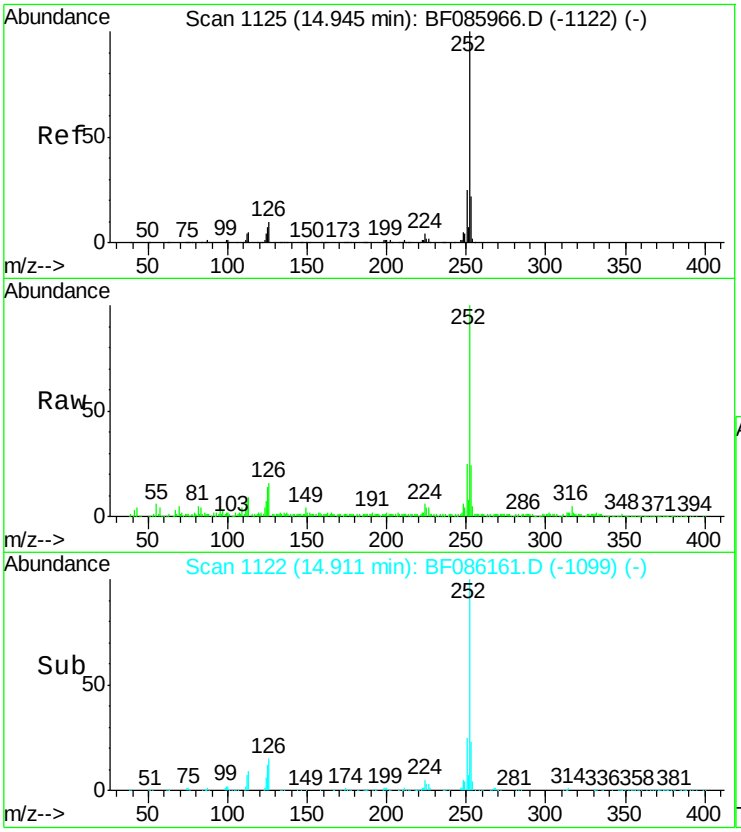


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:264 Resp: 171671

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	24.3	17.2	25.8



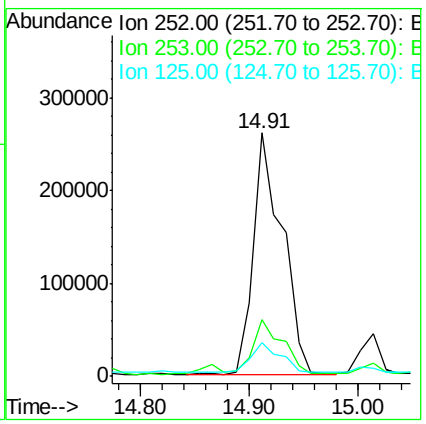


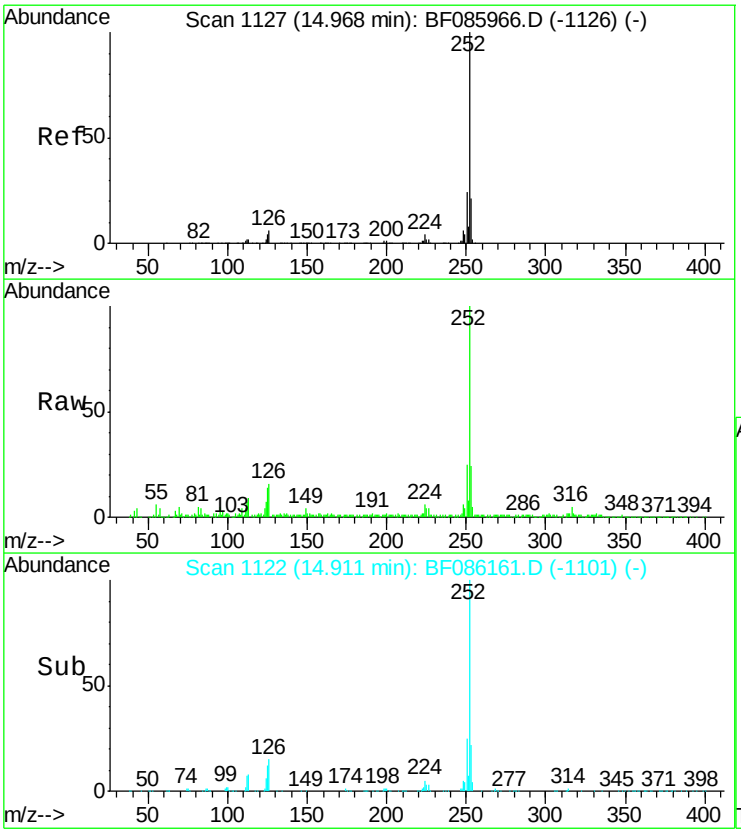
#87
Benzo(b)fluoranthene
Concen: 44.94 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.03 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:252 Resp: 485279

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	14.1	10.3	15.5

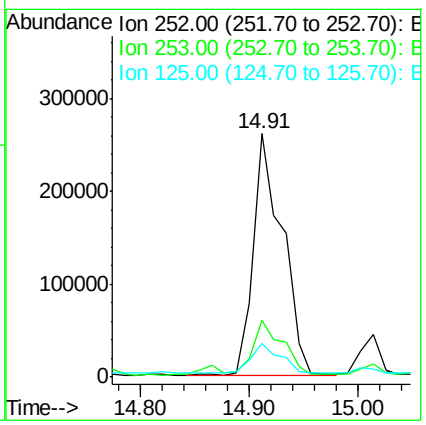


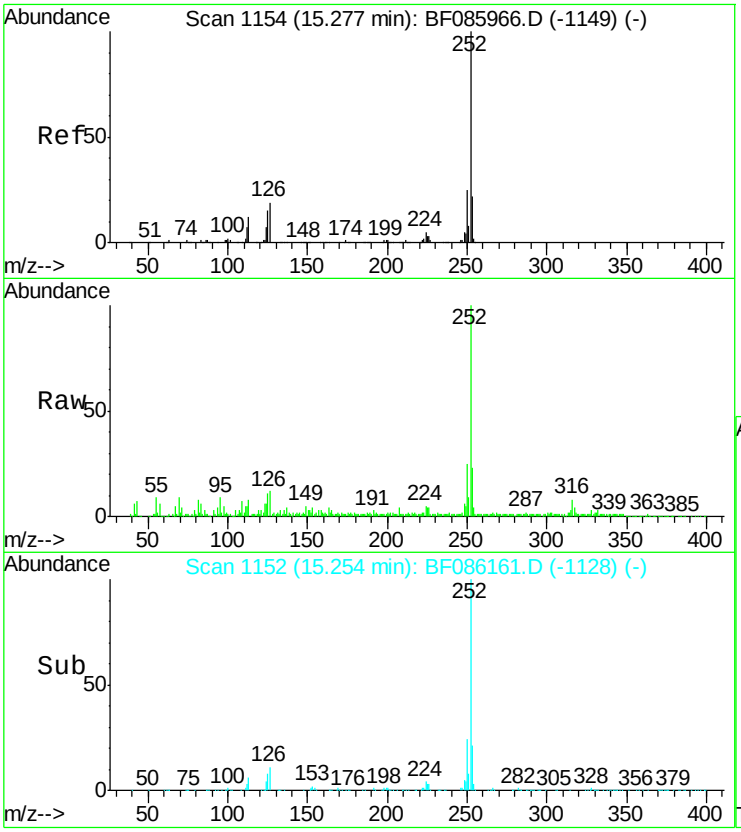


#88
Benzo(k)fluoranthene
Concen: 50.75 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:252 Resp: 485279

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	14.1	7.7	11.5#



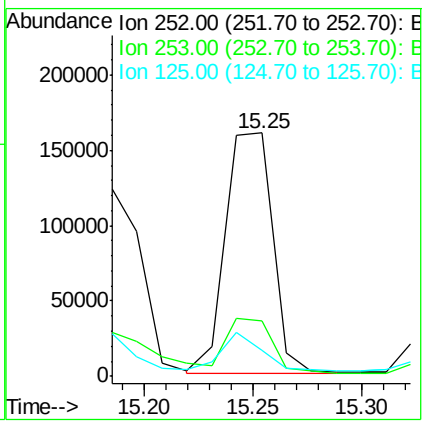


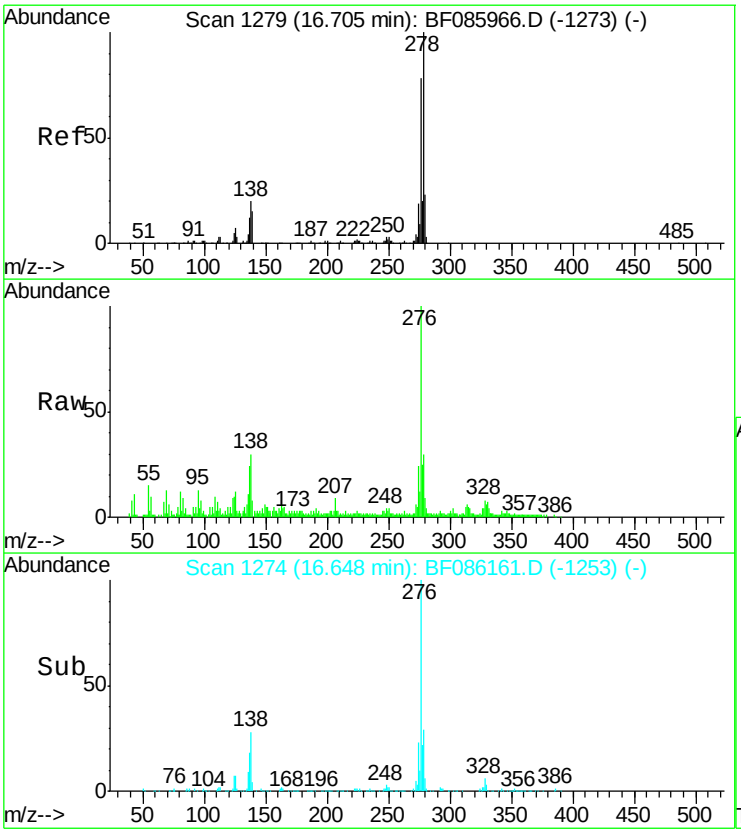
#89
Benzo(a)pyrene
Concen: 25.24 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:252 Resp: 241527

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	10.5	10.3	15.5

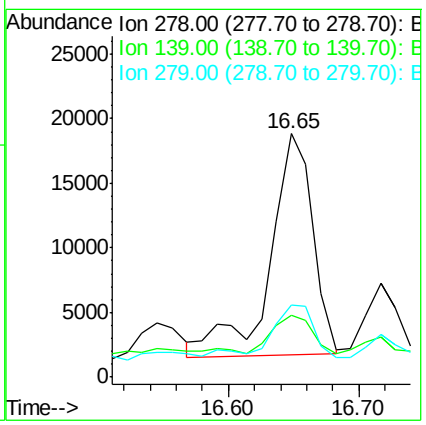


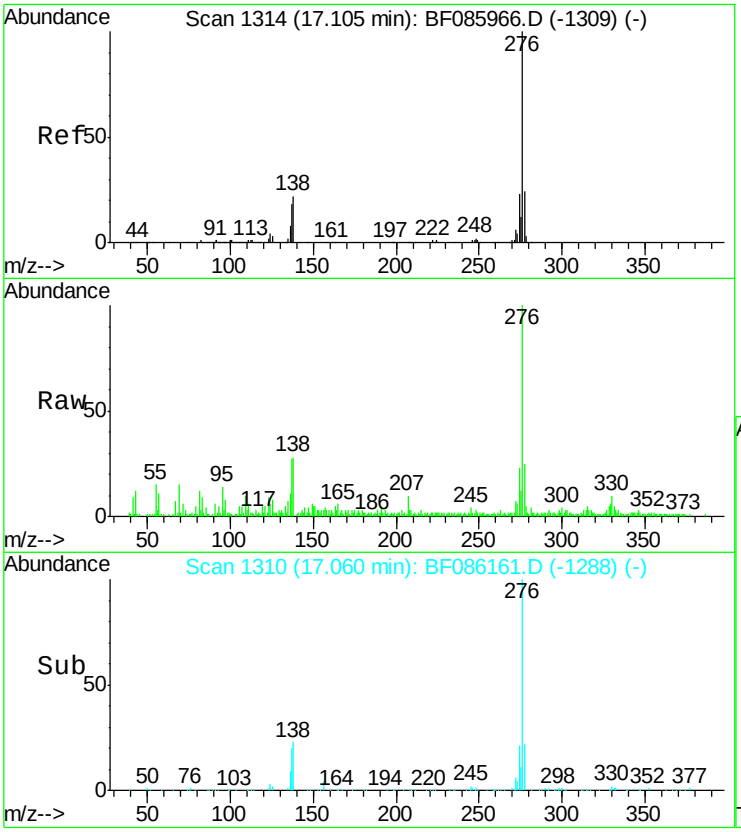


#90
Dibenzo(a,h)anthracene
Concen: 5.15 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Tgt Ion:278 Resp: 39676

Ion	Ratio	Lower	Upper
278	100		
139	25.5	14.4	21.6#
279	29.8	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 14.34 ng
RT: 17.06 min Scan# 1310
Delta R.T. -0.05 min
Lab File: BF086161.D
Acq: 8 Apr 2016 6:03

Instrument :
BNA_F
ClientSampleId :
PEDBR-SB3-0-6.0

Tgt Ion:276 Resp: 106864

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	28.4	22.6	34.0