Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Oct 09 17:10:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	115617	20.00	ng		-0.03
21) Naphthalene-d8	8.14	136	446059	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	198601	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	328358	20.00	ng		-0.02
75) Chrysene-d12	14.04	240	222048	20.00	ng		-0.02
86) Perylene-d12	15.48	264	221079	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	601465	94.44	ng		-0.01
7) Phenol-d6	6.49	99	856141	106.83	ng		-0.01
23) Nitrobenzene-d5	7.42	82	485448	72.55	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	182878	90.92	ng		-0.03
44) 2-Fluorobiphenyl	9.22	172	1002362	84.32	ng		-0.02
78) Terphenyl-d14	12.97	244	714237	114.69	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.42	70	68286	14.02	ng	#	59
25) Isophorone	7.42	82	407199	30.70	ng	#	58
31) Naphthalene	8.16	128	194793	9.86	ng		99
32) Benzoic acid	7.93	122	1283	7.64	ng	#	30
33) 4-Chloroaniline	8.16	127	25597	2.99	ng	#	35
37) 2-Methylnaphthalene	8.85	142	43157	3.20	ng	#	91
48) Acenaphthylene	9.76	152	124401	6.46	ng		97
49) Dimethylphthalate	9.61	163	230437	16.81	ng	#	98
51) Acenaphthene	9.92	154	67718	5.92	ng		87
54) Dibenzofuran	10.10	168	86235	5.34	ng		95
55) 4-Nitrophenol	10.10	139	34555	13.89	ng	#	29
57) Fluorene	10.45	166	111268	7.87	ng		94
66) 4-Bromophenyl-phenylether	10.69	248	12952	3.91	ng	#	1
70) Phenanthrene	11.41	178	1103140	70.76	ng		96
71) Anthracene	11.46	178	269924	16.17	ng		98
72) Carbazole	11.61	167	177016	11.72	ng		95
73) Di-n-butylphthalate	11.94	149	10827	Below Cal		#	86
74) Fluoranthene	12.61	202	1525137	86.70	ng		90
77) Pyrene	12.84	202	1229170	92.66	ng	#	94
80) Benzo(a)anthracene	14.02	228	675609	56.50	ng	#	90
82) Chrysene	14.06	228	643625	Below Cal			93
83) Bis(2-ethylhexyl)phthalate	14.00	149	15119	2.41	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.89	276	292773	31.30	ng	#	83
87) Benzo(b)fluoranthene	15.06	252	1104066	87.47	ng	#	87
88) Benzo(k)fluoranthene	15.06	252	1104066	95.44	ng	#	88
89) Benzo(a)pyrene	15.42	252	515639	47.10	ng	#	84
90) Dibenzo(a,h)anthracene	16.90	278	76685	8.35	ng	#	77
91) Benzo(g,h,i)perylene	17.33	276	241512	25.65	ng	#	74

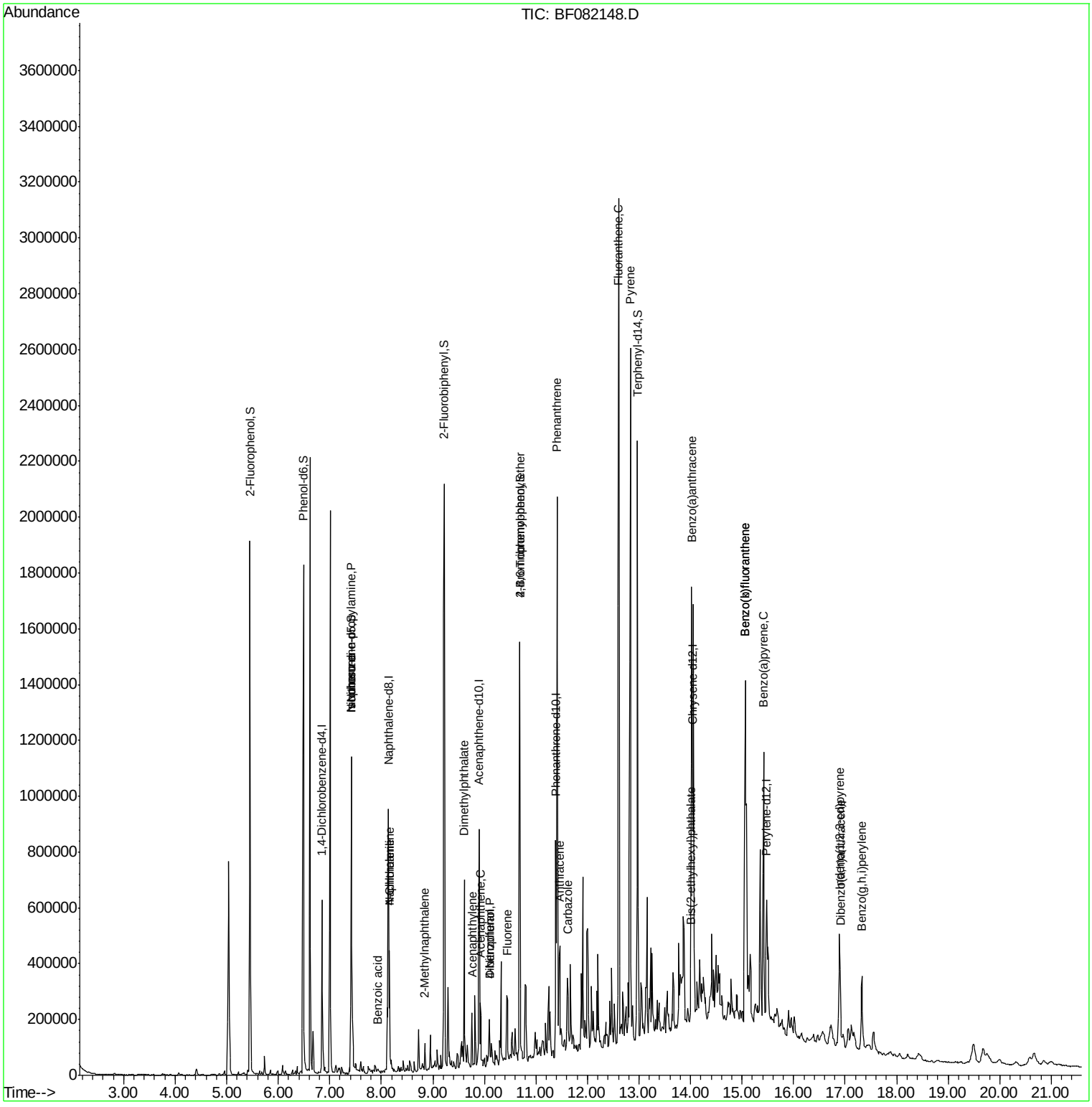
(#) = qualifier out of range (m) = manual integration (+) = signals summed

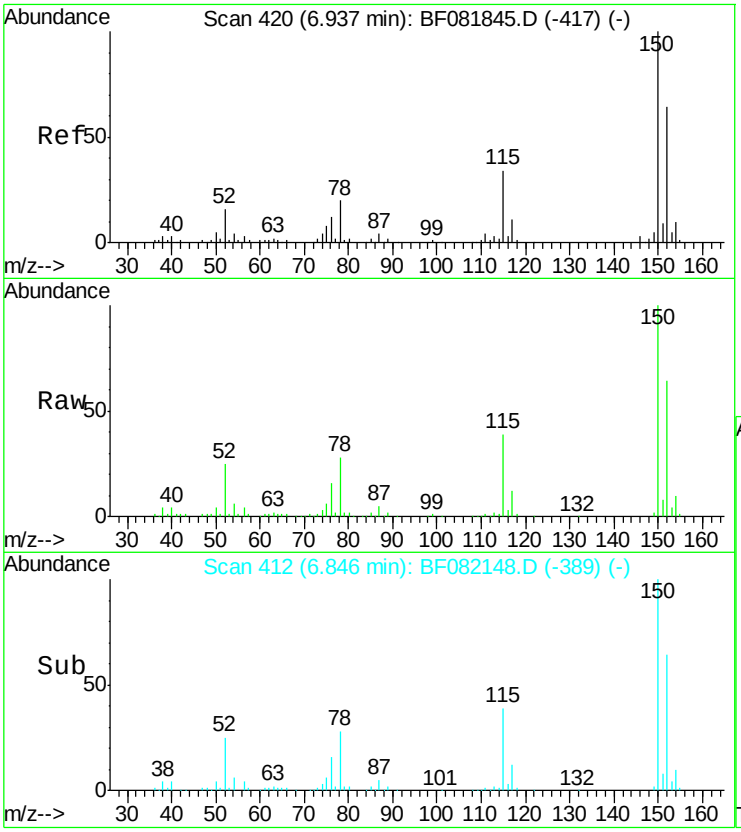
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 17:10:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 08 02:46:05 2015
Response via : Initial Calibration



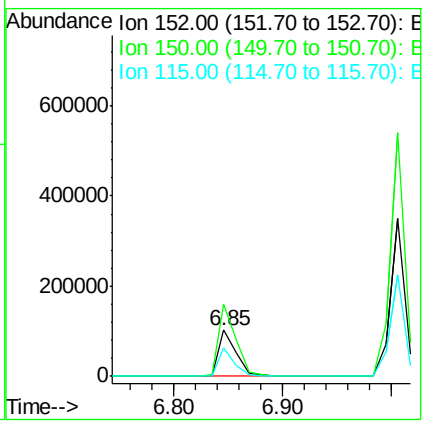


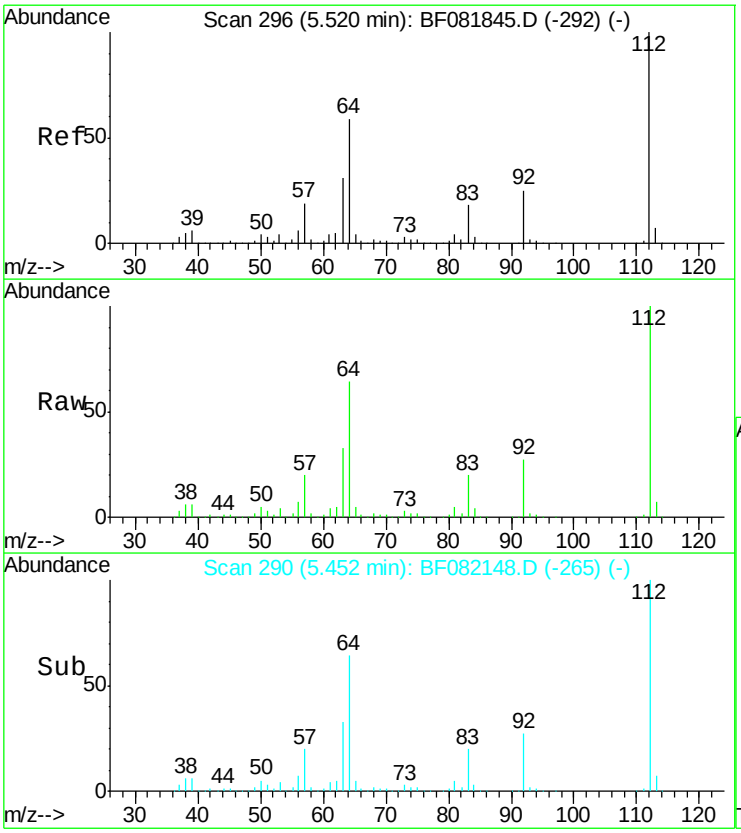
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 115617

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	61.4	39.0	58.4#

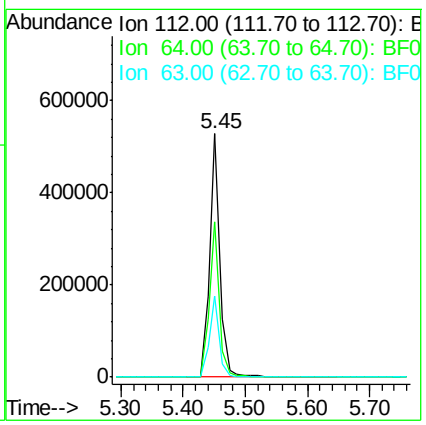


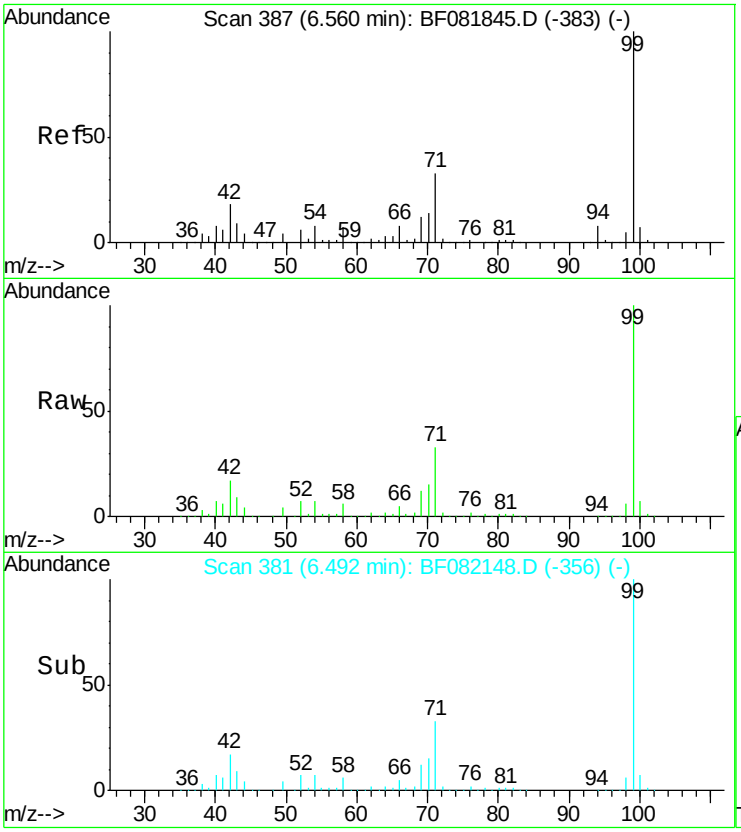


#5
2-Fluorophenol
Concen: 94.44 ng
RT: 5.45 min Scan# 290
Delta R.T. -0.01 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:112 Resp: 601465

Ion	Ratio	Lower	Upper
112	100		
64	63.7	39.7	59.5#
63	33.5	17.4	26.0#



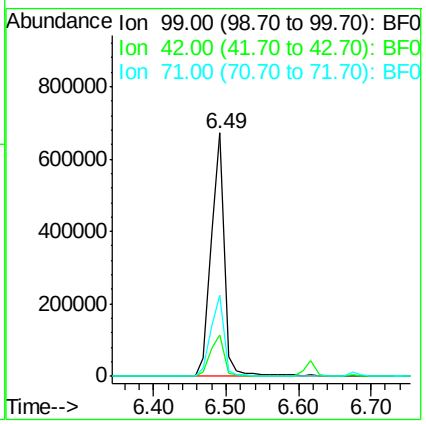


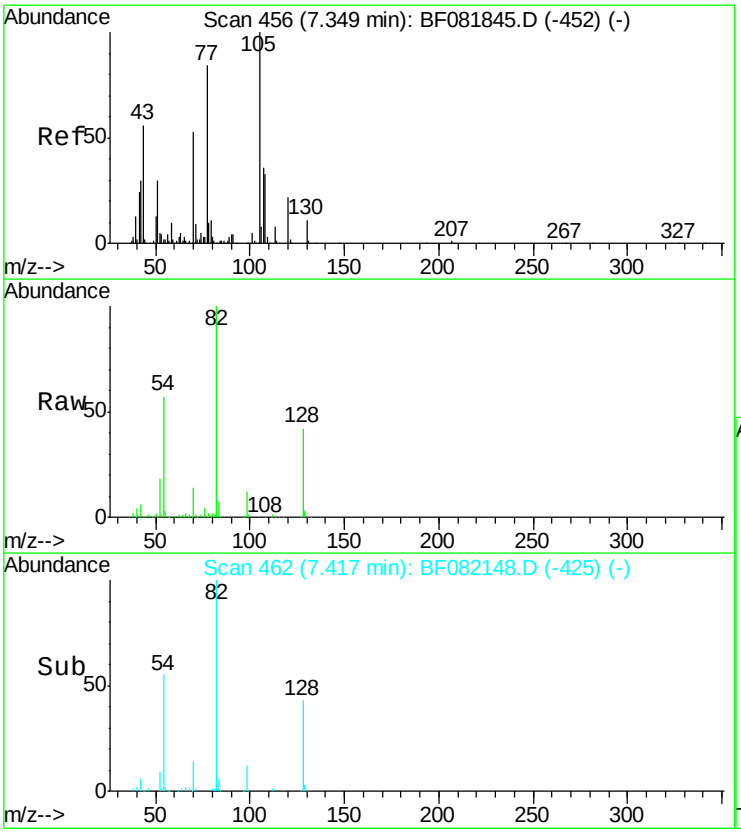
#7
Phenol-d6
Concen: 106.83 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 856141

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	33.2	14.2	21.2#

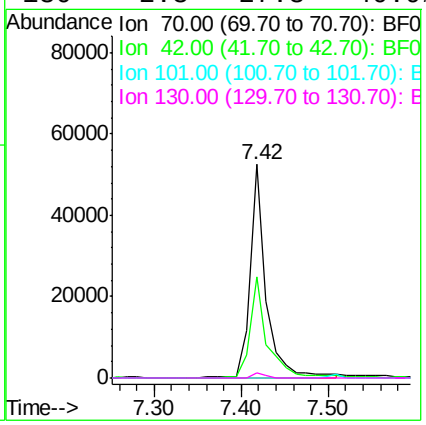


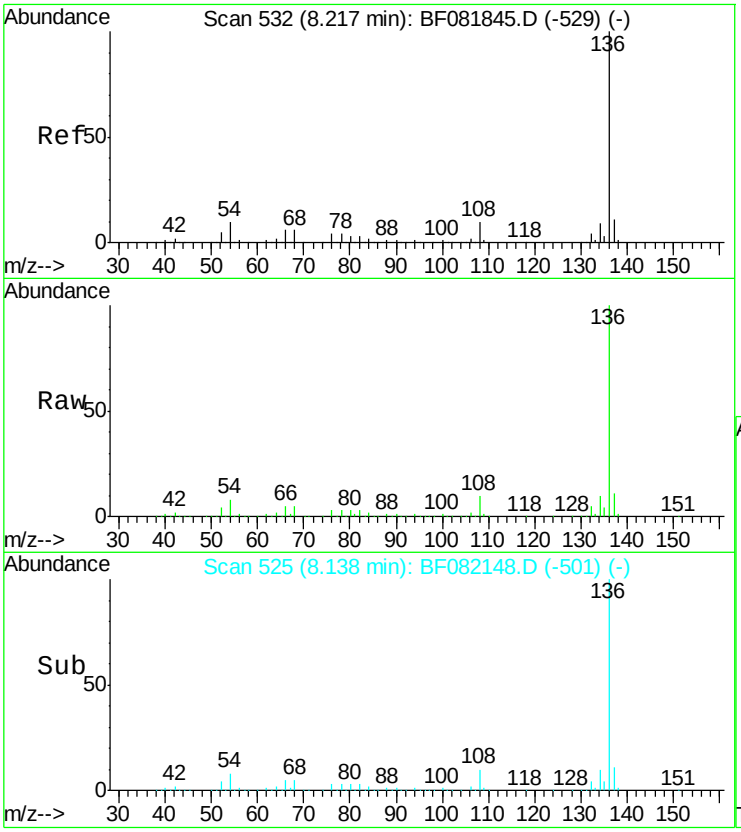


#19
n-Nitroso-di-n-propylamine
Concen: 14.02 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.13 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion: 70 Resp: 68286

Ion	Ratio	Lower	Upper
70	100		
42	47.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.3	27.3	40.9#



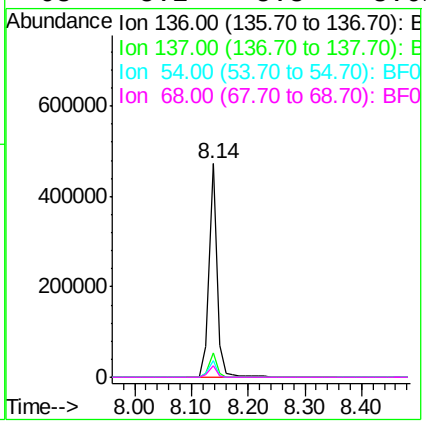


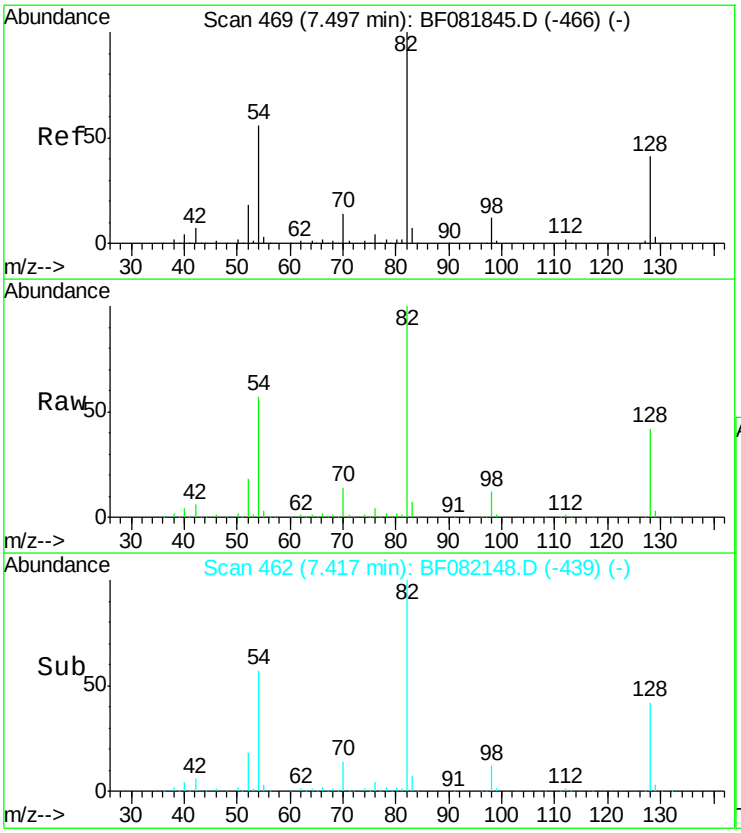
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 446059

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.0	8.2	12.2#
68	5.2	5.8	8.6#

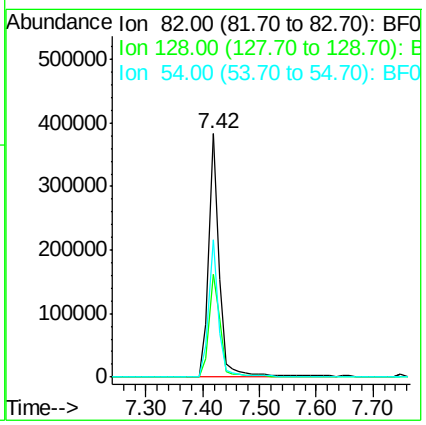


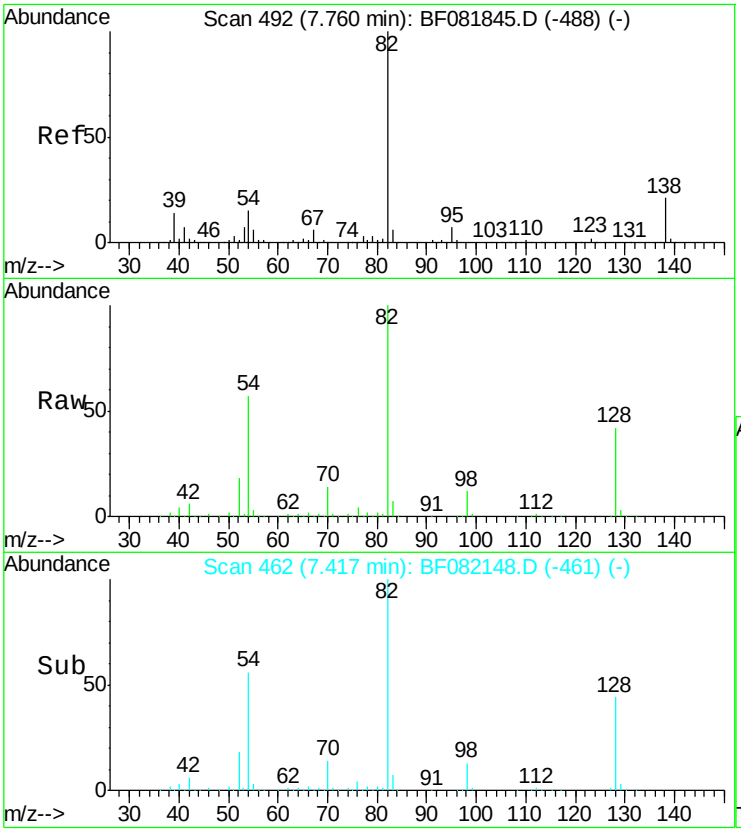


#23
Nitrobenzene-d5
Concen: 72.55 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion: 82 Resp: 485448

Ion	Ratio	Lower	Upper
82	100		
128	42.3	51.0	76.6#
54	56.6	47.5	71.3



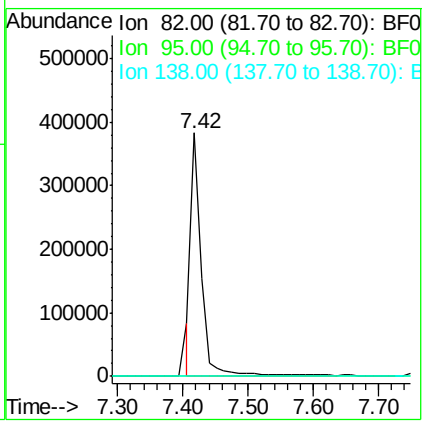


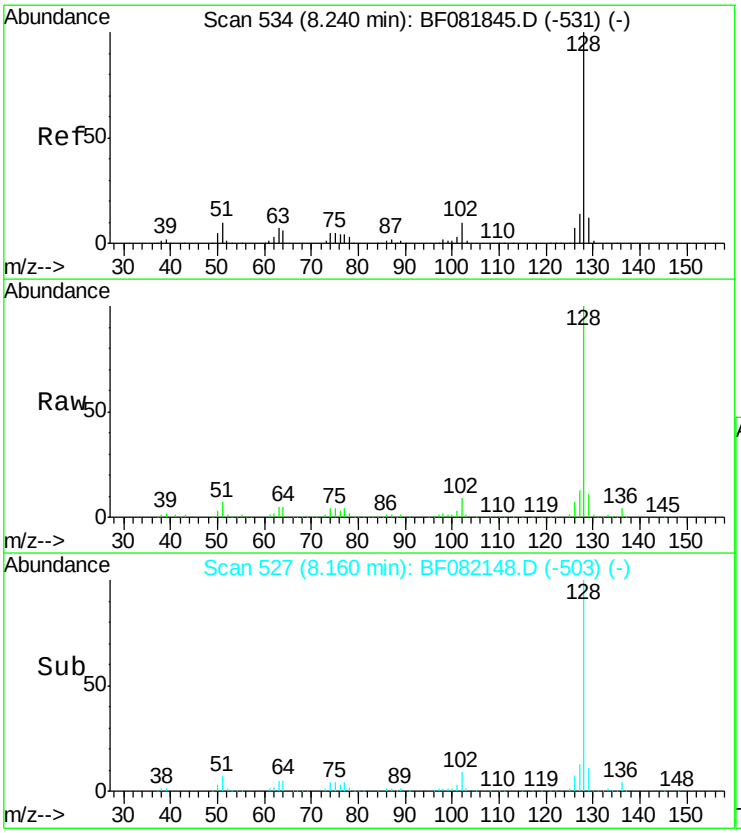
#25
Isophorone
Concen: 30.70 ng
RT: 7.42 min Scan# 462
Delta R.T. -0.29 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 407199

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

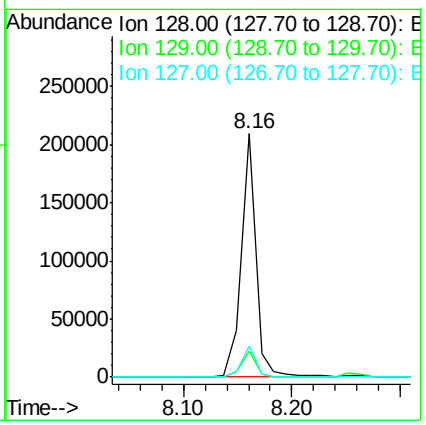


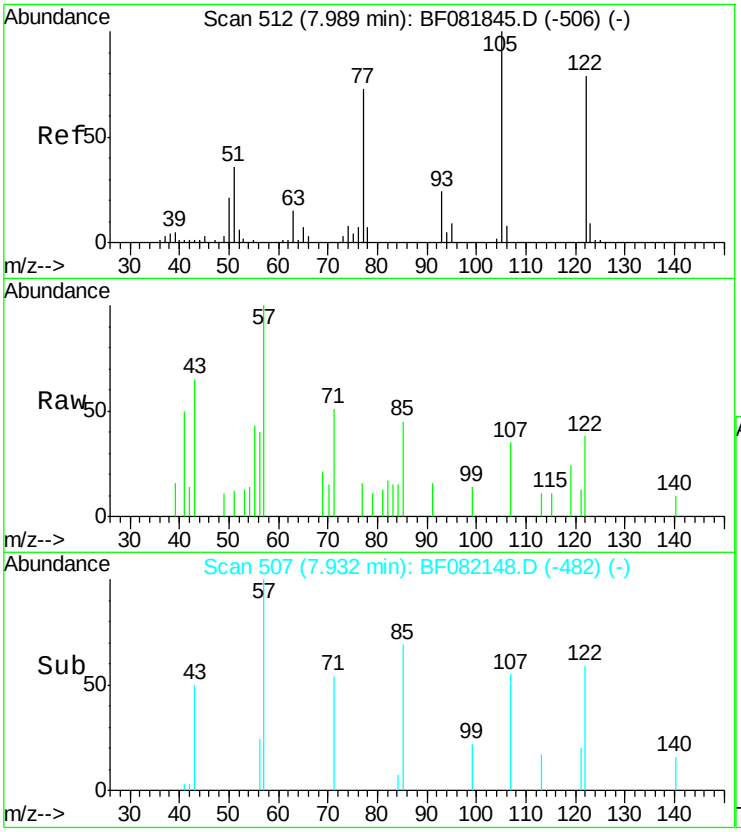


#31
Naphthalene
Concen: 9.86 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:128 Resp: 194793

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	13.0	9.9	14.9



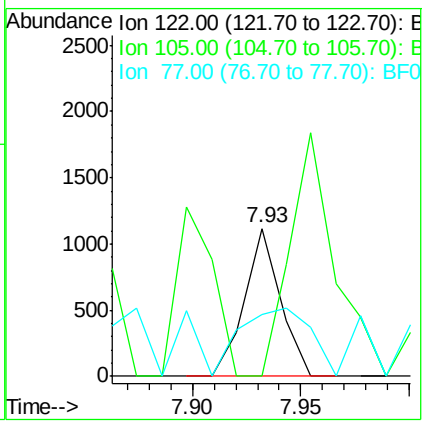


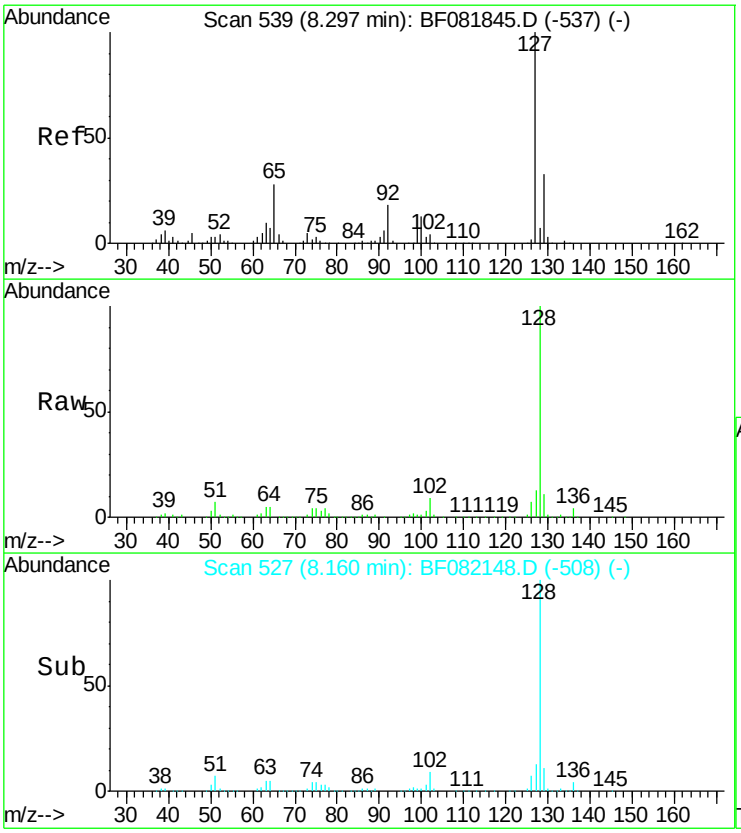
#32
Benzoic acid
Concen: 7.64 ng
RT: 7.93 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 1283

Ion	Ratio	Lower	Upper
122	100		
105	0.0	76.1	116.1#
77	42.1	40.5	80.5

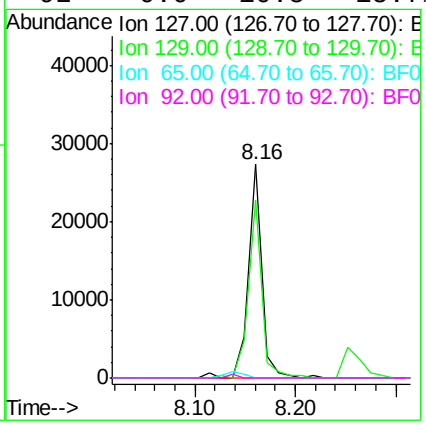


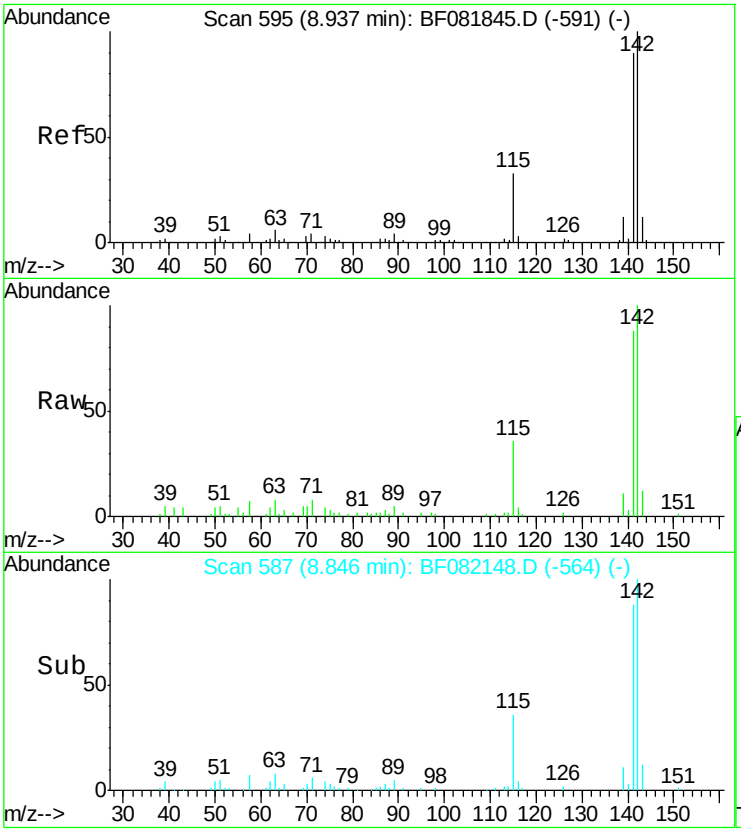


#33
4-Chloroaniline
Concen: 2.99 ng
RT: 8.16 min Scan# 527
Delta R.T. -0.08 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:127 Resp: 25597

Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.8	38.6#
65	0.0	17.9	26.9#
92	0.0	10.5	15.7#



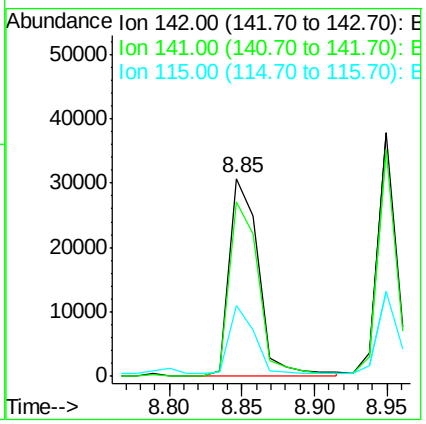


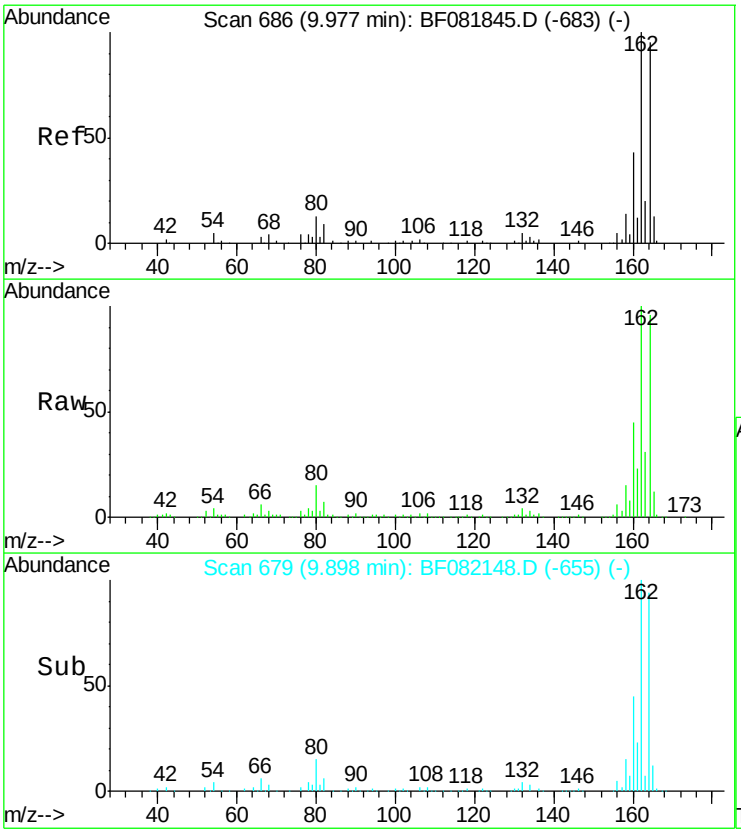
#37
2-Methylnaphthalene
Concen: 3.20 ng
RT: 8.85 min Scan# 587
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 43157

Ion	Ratio	Lower	Upper
142	100		
141	88.2	67.5	101.3
115	35.8	18.2	27.2#

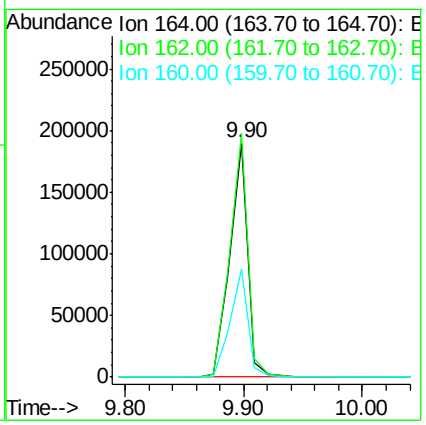


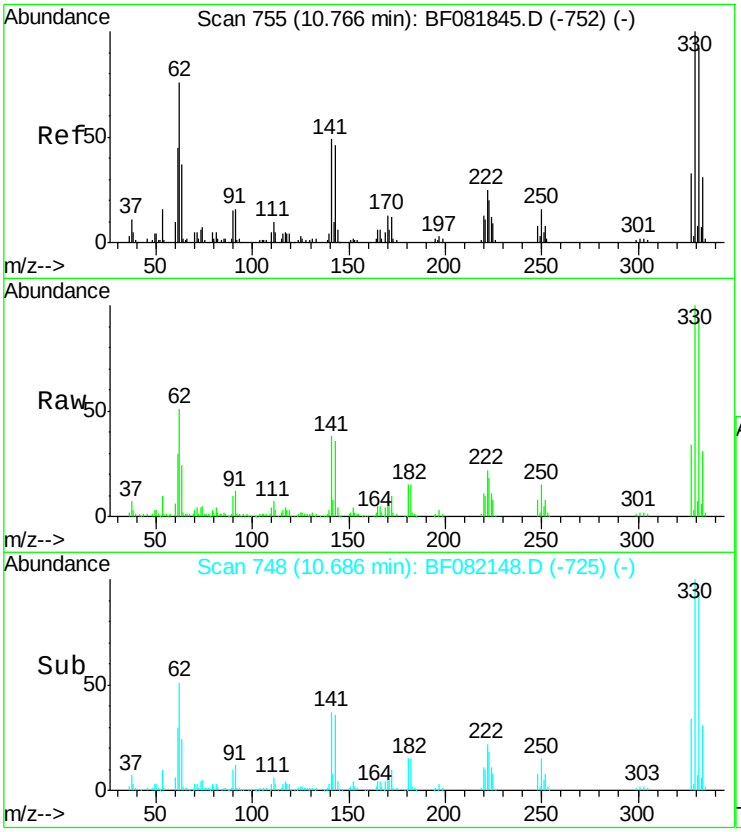


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:164 Resp: 198601

Ion	Ratio	Lower	Upper
164	100		
162	104.2	75.2	112.8
160	46.4	31.5	47.3



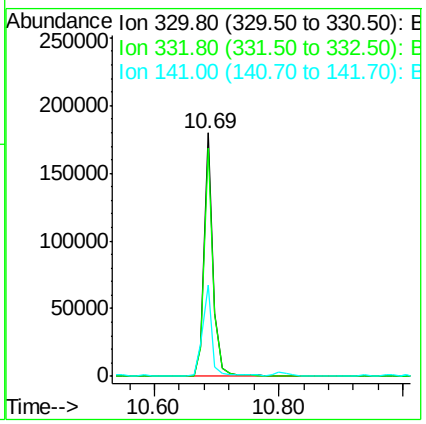


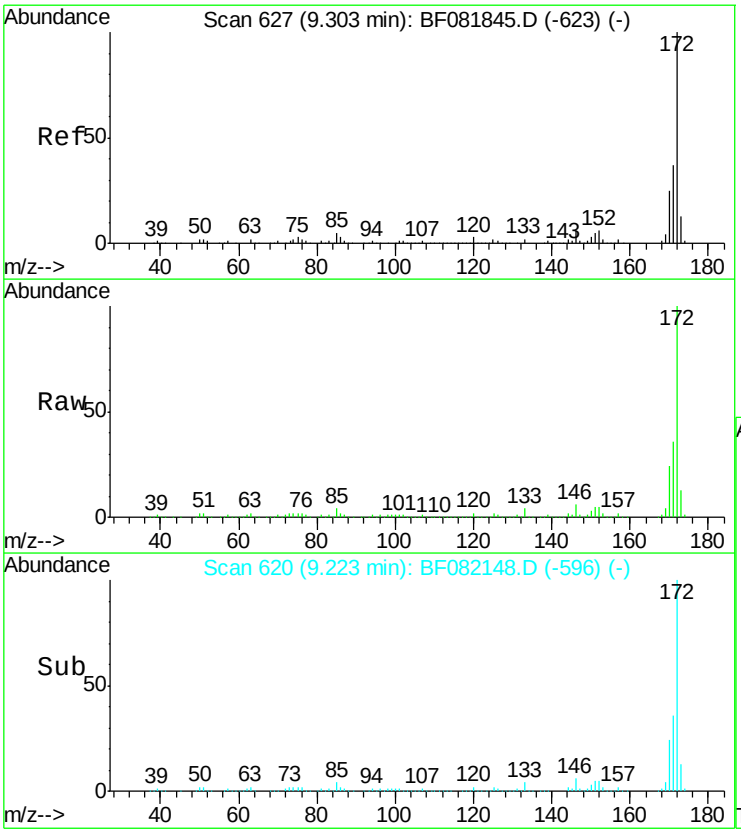
#41
2,4,6-Tribromophenol
Concen: 90.92 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 182878

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	38.3	29.7	44.5

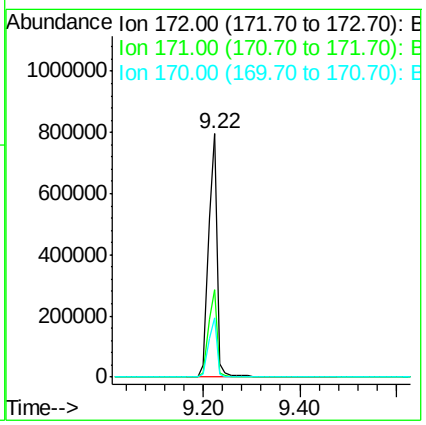


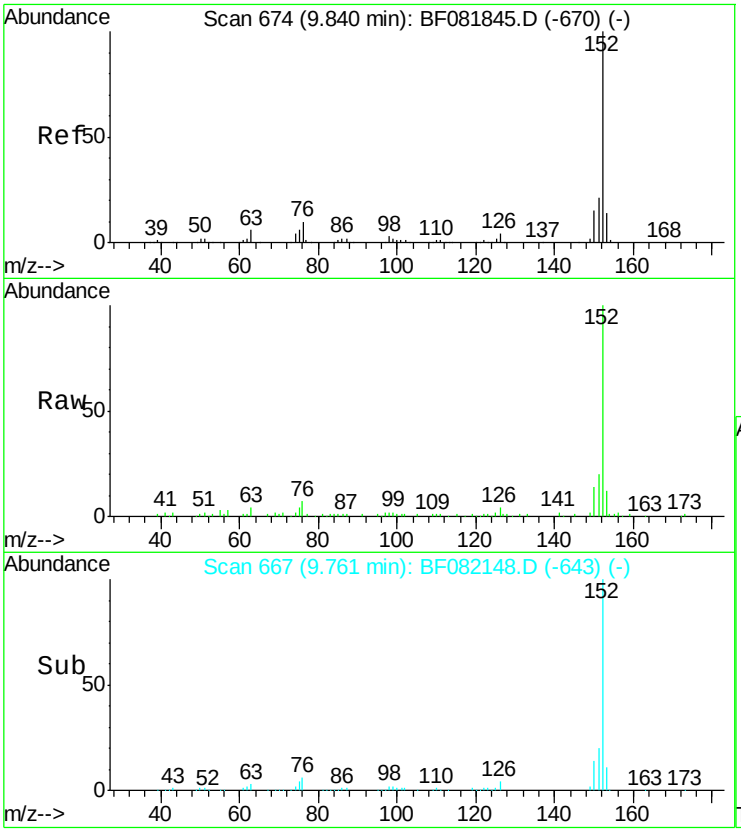


#44
2-Fluorobiphenyl
Concen: 84.32 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:172 Resp: 1002362

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.3	17.4	26.2



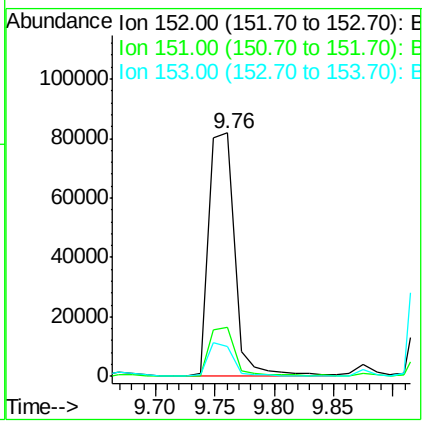


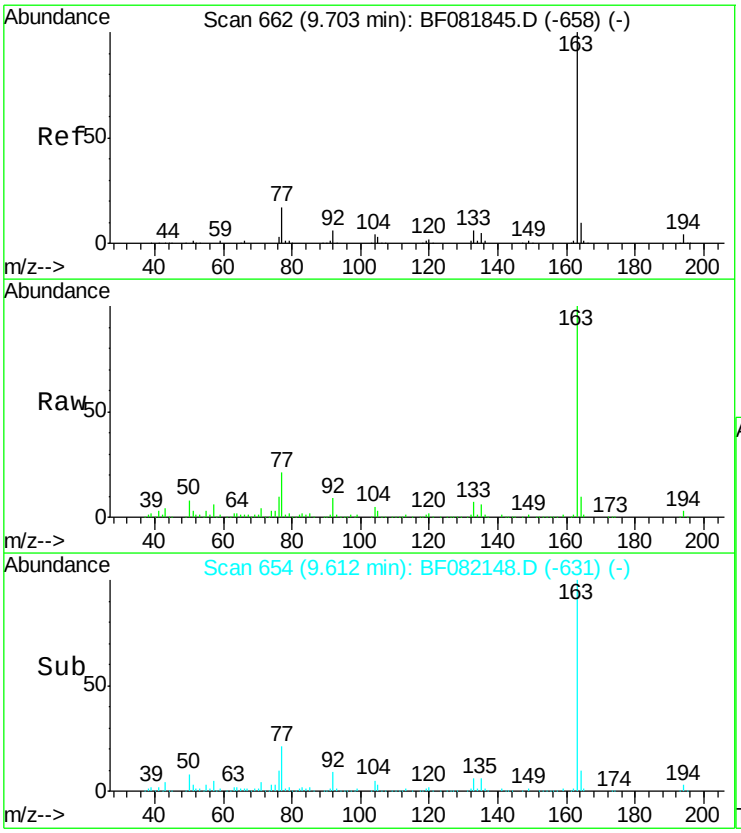
#48
Acenaphthylene
Concen: 6.46 ng
RT: 9.76 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 124401

Ion	Ratio	Lower	Upper
152	100		
151	20.0	14.6	22.0
153	12.4	10.3	15.5

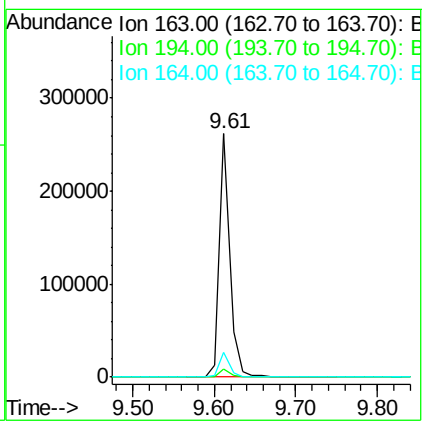


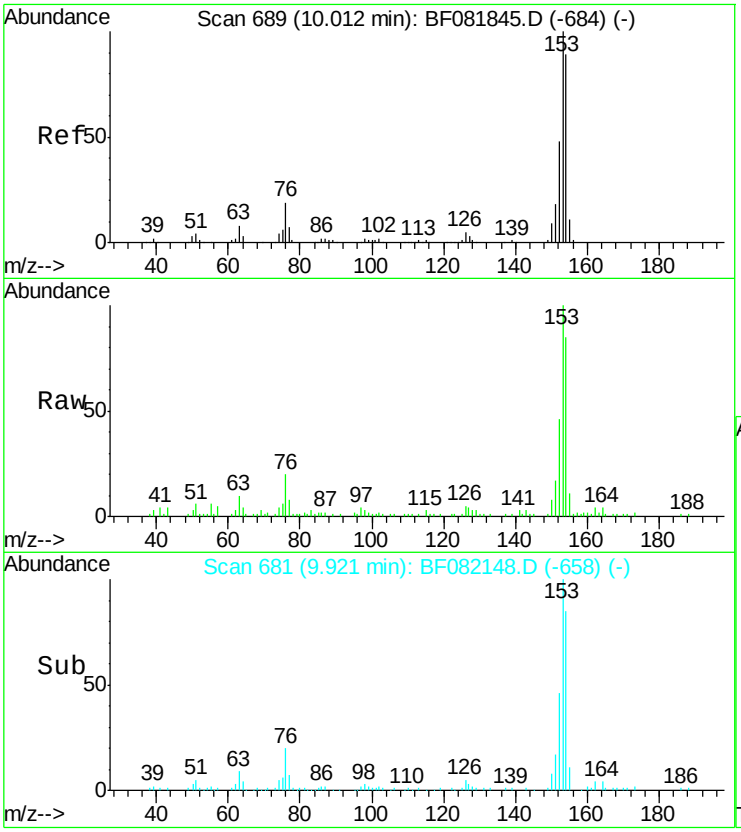


#49
Dimethylphthalate
Concen: 16.81 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:163 Resp: 230437

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	10.3	8.3	12.5



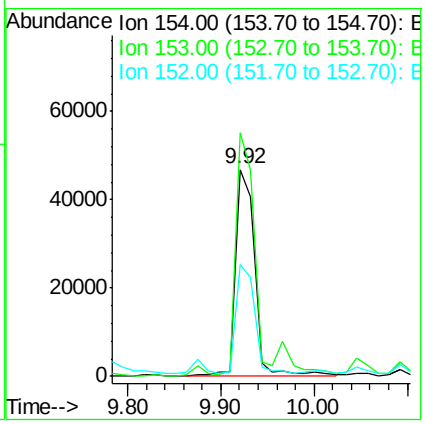


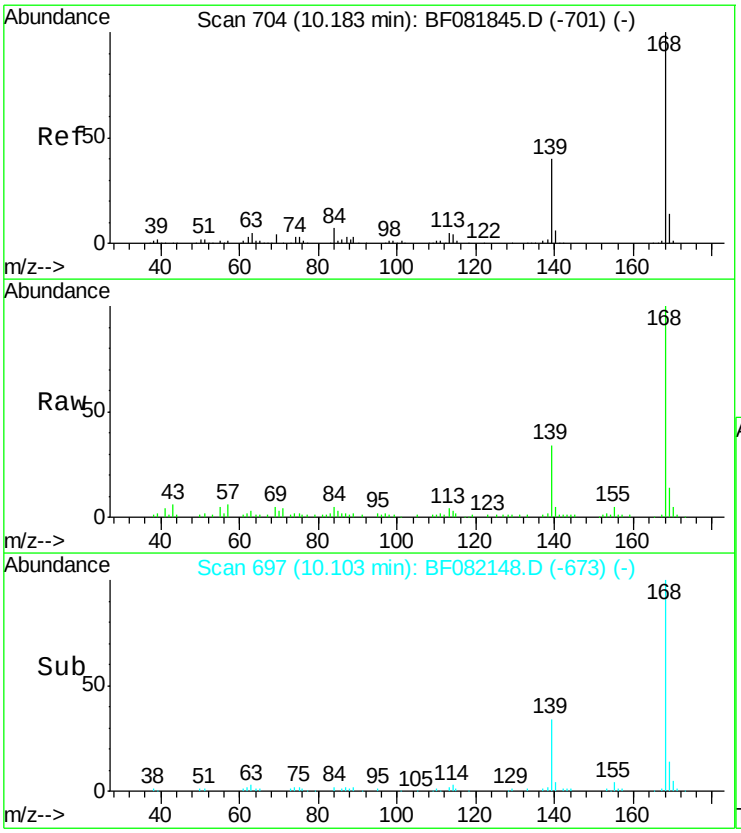
#51
Acenaphthene
Concen: 5.92 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 67718

Ion	Ratio	Lower	Upper
154	100		
153	117.9	82.1	123.1
152	54.2	37.9	56.9

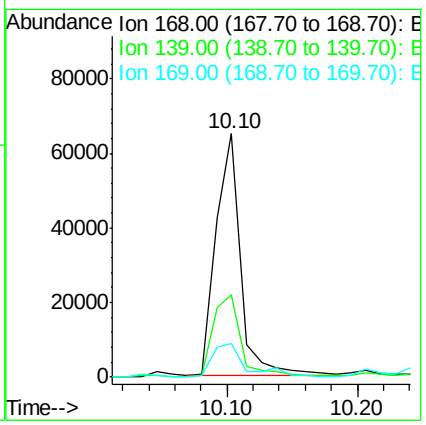


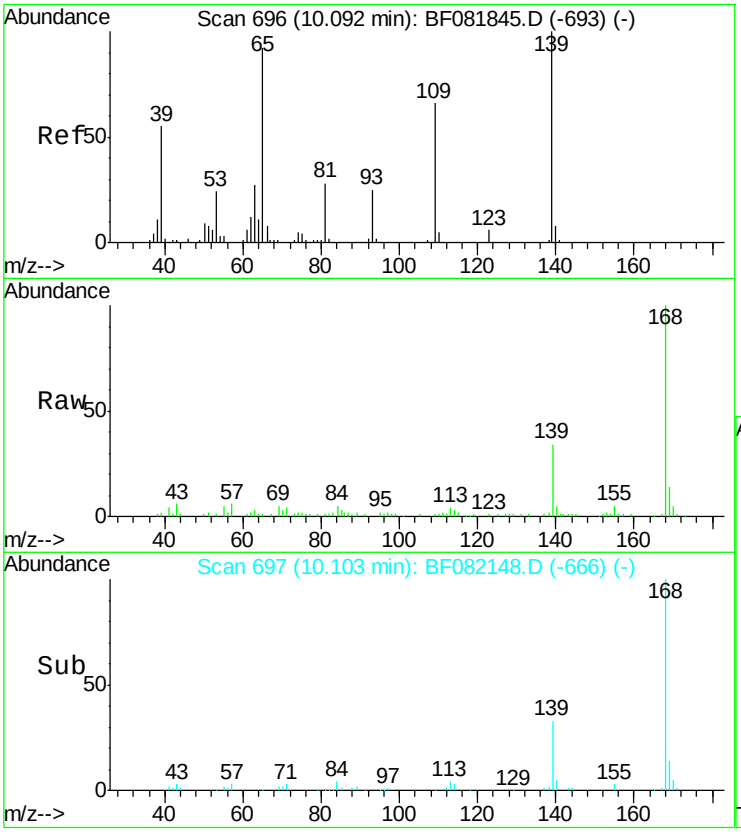


#54
Dibenzofuran
Concen: 5.34 ng
RT: 10.10 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:168 Resp: 86235

Ion	Ratio	Lower	Upper
168	100		
139	33.7	24.2	36.2
169	14.0	10.6	15.8



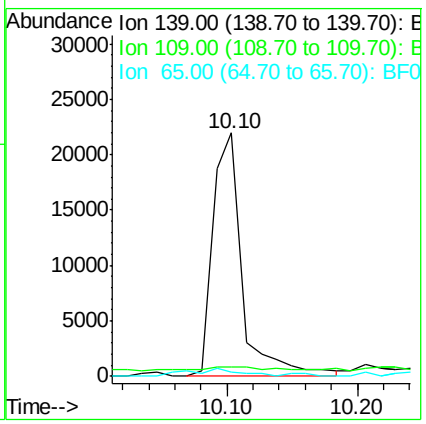


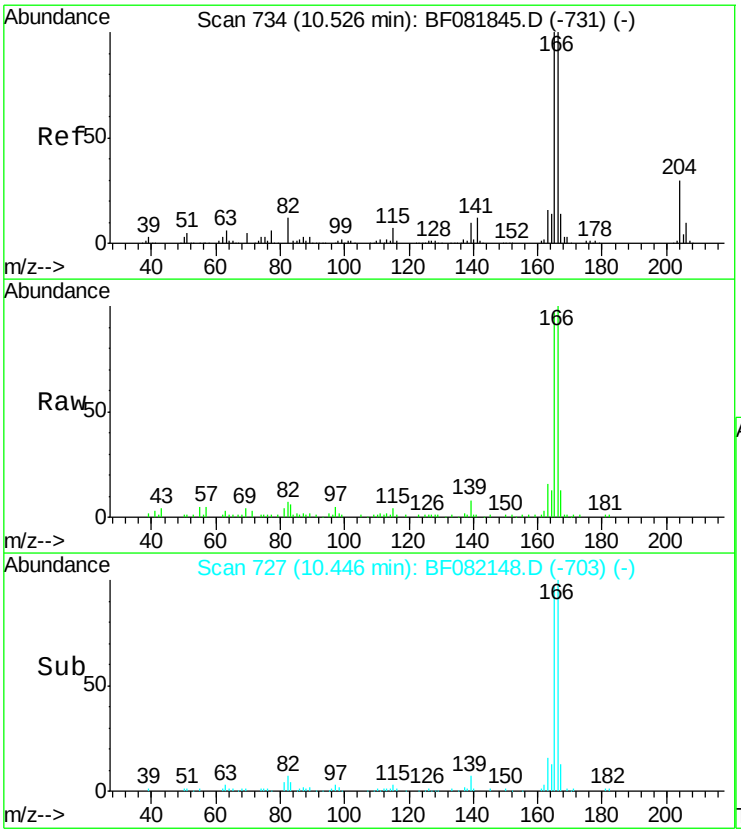
#55
4-Nitrophenol
Concen: 13.89 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.06 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 34555

Ion	Ratio	Lower	Upper
139	100		
109	3.6	12.7	52.7#
65	2.0	45.9	85.9#

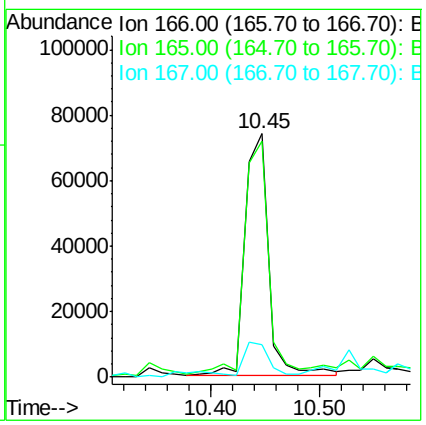


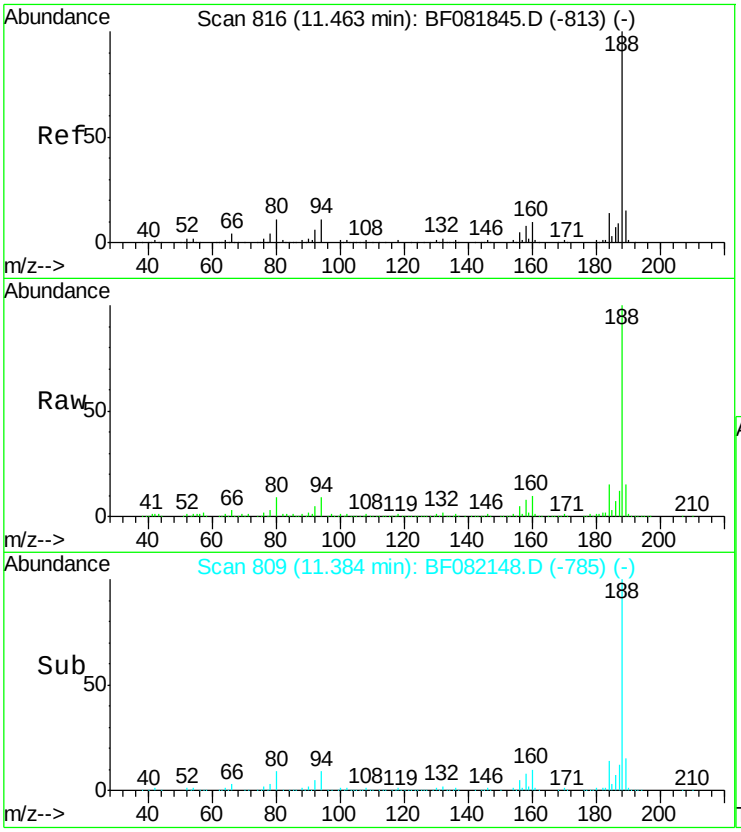


#57
Fluorene
Concen: 7.87 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:166 Resp: 111268

Ion	Ratio	Lower	Upper
166	100		
165	97.0	72.6	109.0
167	13.1	10.6	16.0



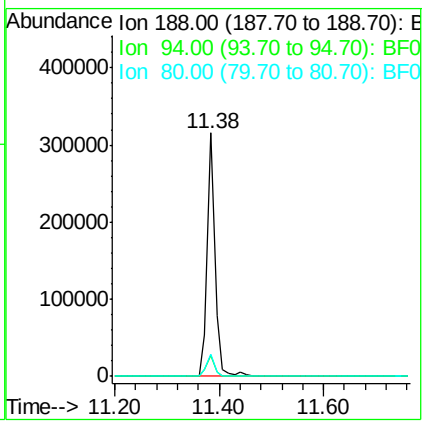


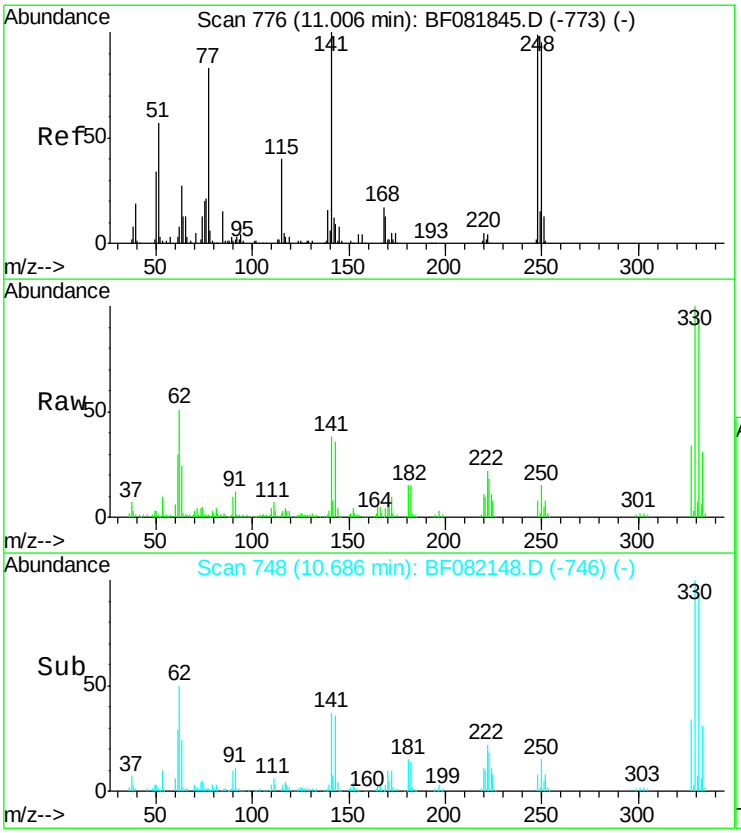
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 328358

Ion	Ratio	Lower	Upper
188	100		
94	8.7	11.1	16.7#
80	9.0	11.0	16.4#

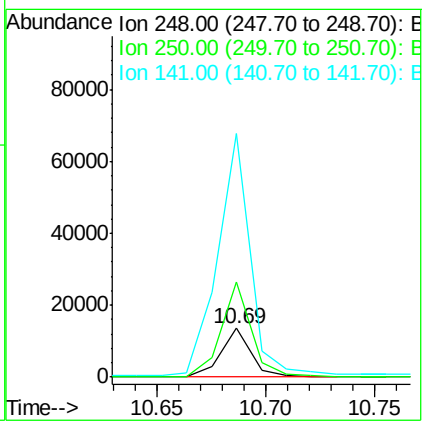


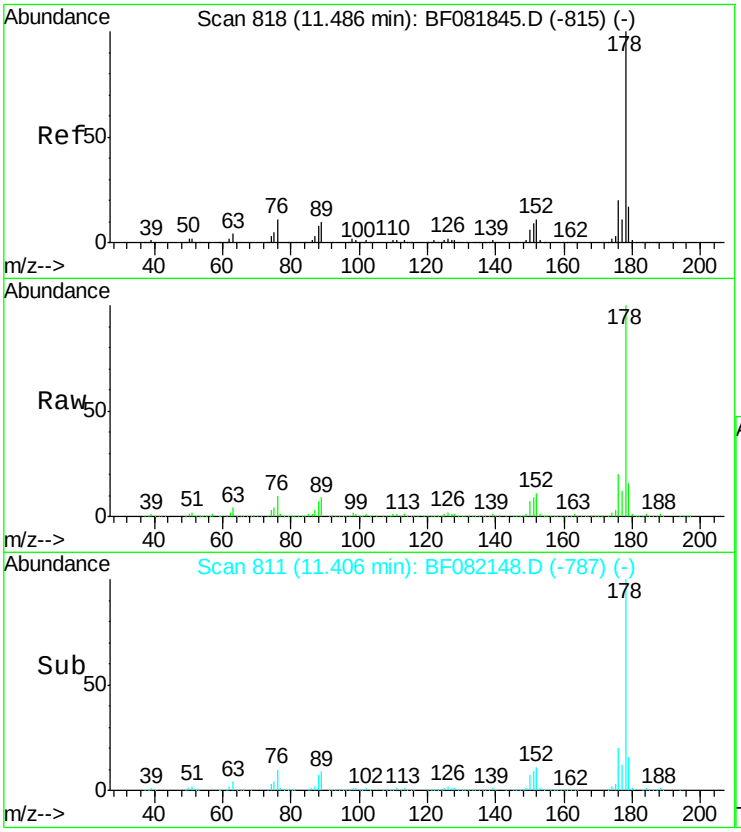


#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.69 min Scan# 748
Delta R.T. -0.27 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:248 Resp: 12952

Ion	Ratio	Lower	Upper
248	100		
250	195.3	78.5	117.7#
141	498.4	59.0	88.6#



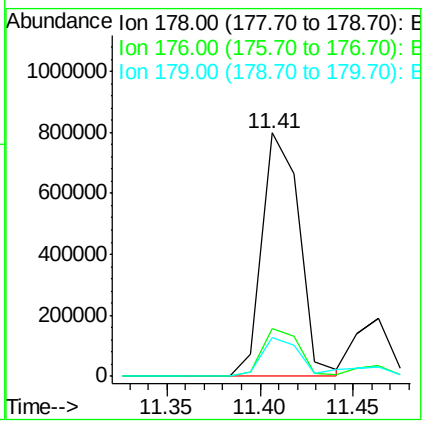


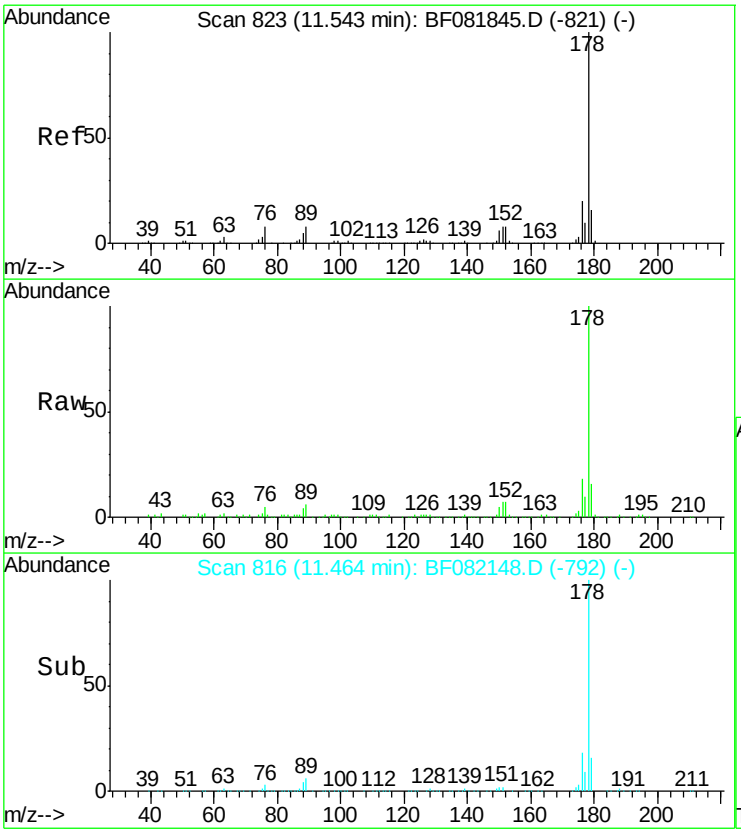
#70
Phenanthrene
Concen: 70.76 ng
RT: 11.41 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1103140

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	16.1	12.2	18.2

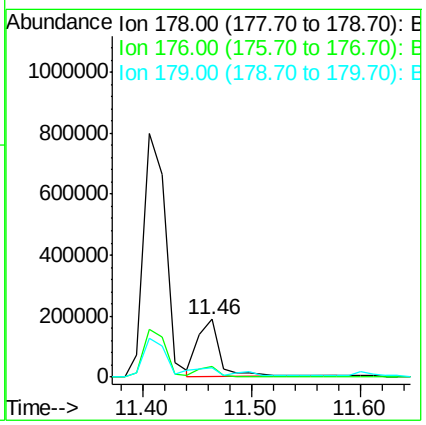


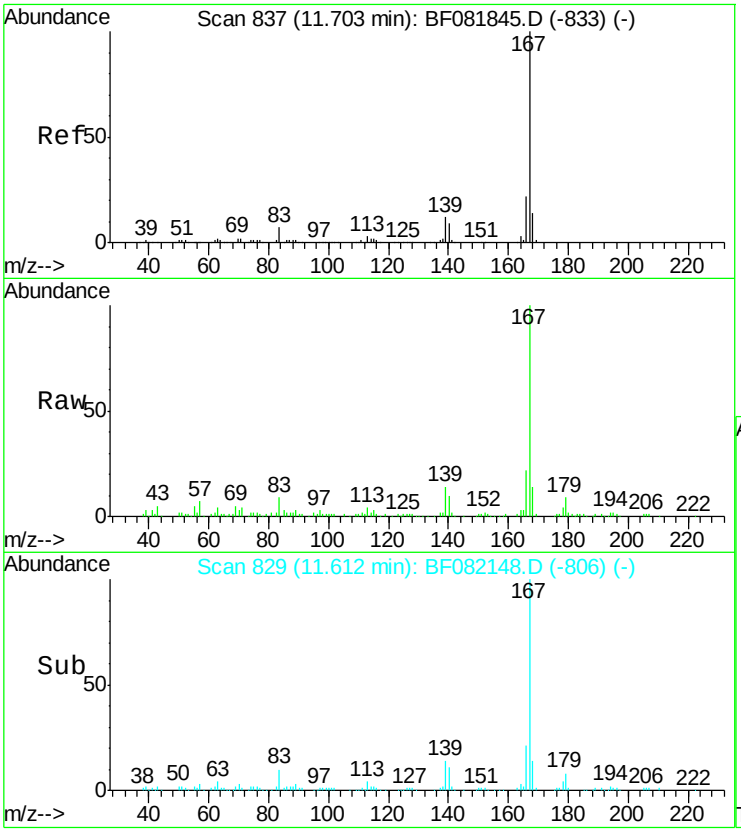


#71
Anthracene
Concen: 16.17 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:178 Resp: 269924

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.1	21.1
179	16.4	12.2	18.2



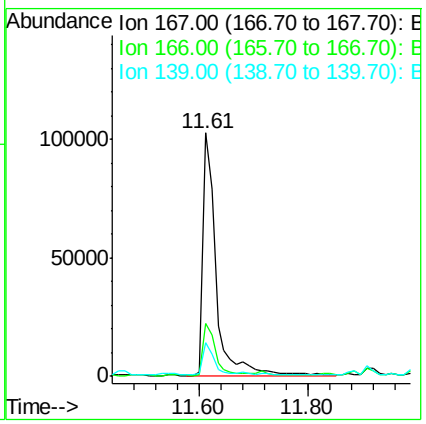


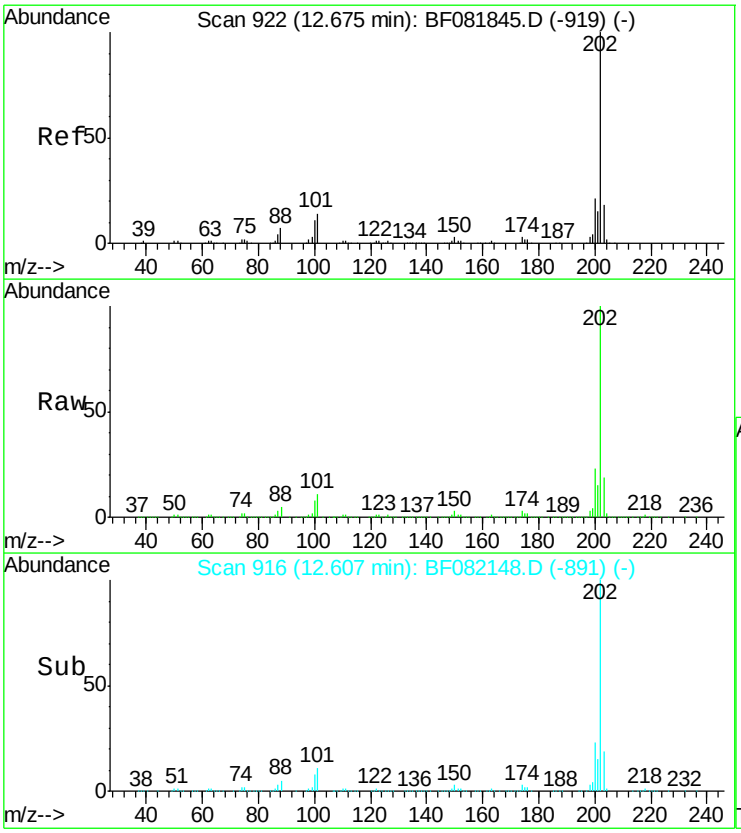
#72
Carbazole
Concen: 11.72 ng
RT: 11.61 min Scan# 829
Delta R.T. -0.03 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 177016

Ion	Ratio	Lower	Upper
167	100		
166	21.6	15.7	23.5
139	14.0	9.5	14.3

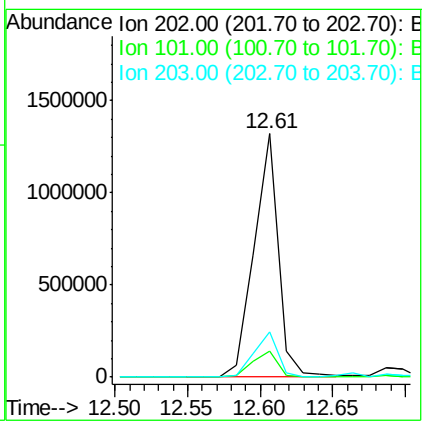


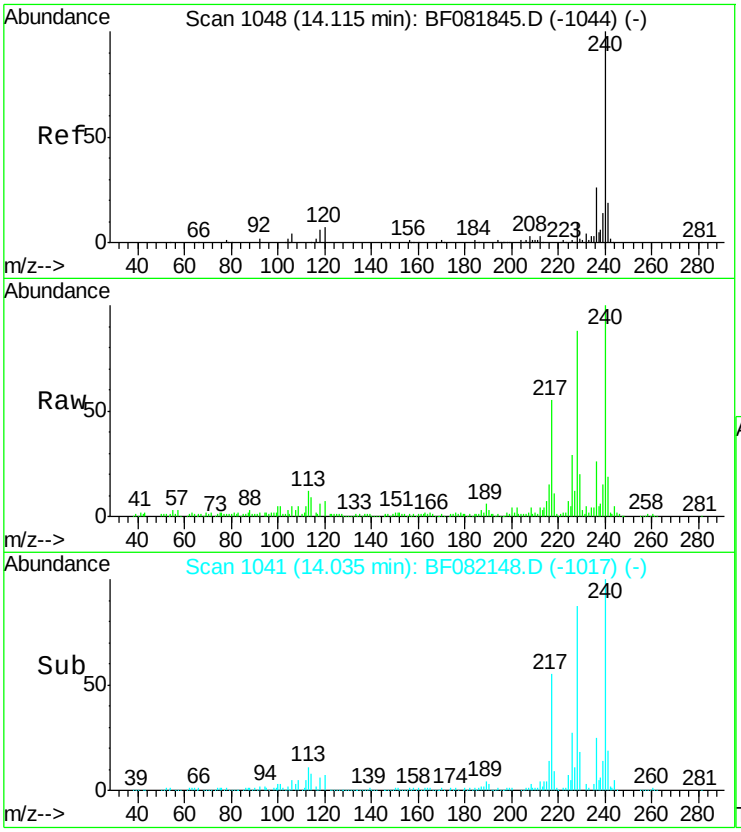


#74
Fluoranthene
Concen: 86.70 ng
RT: 12.61 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:202 Resp: 1525137

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	38.3
203	18.6	0.0	37.3



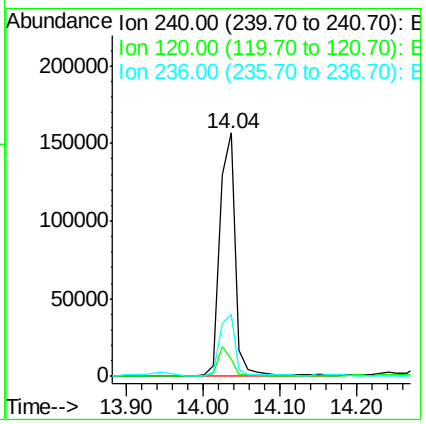


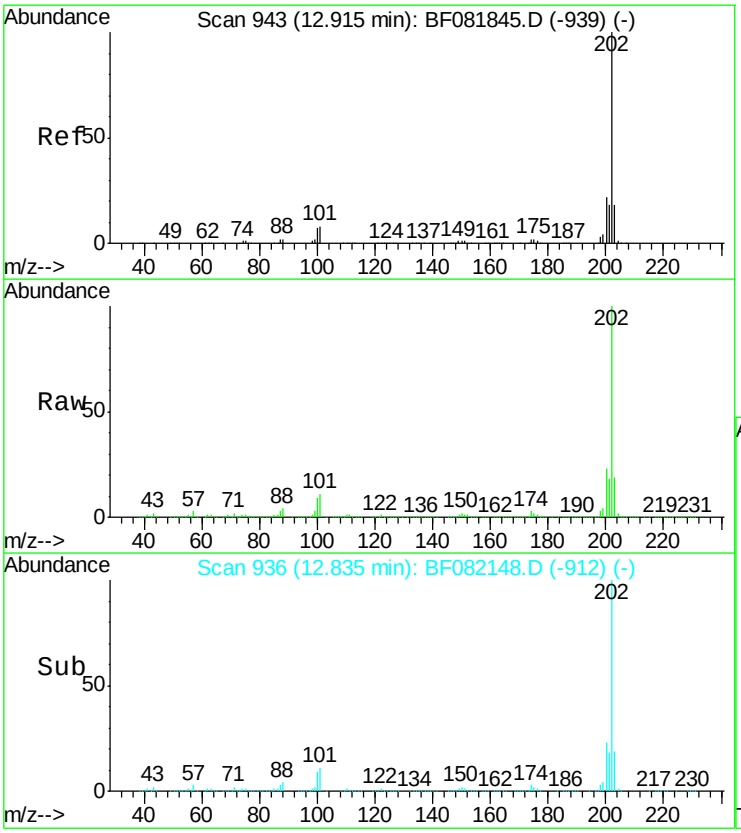
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 222048

Ion	Ratio	Lower	Upper
240	100		
120	7.1	16.2	24.2#
236	25.6	18.4	27.6

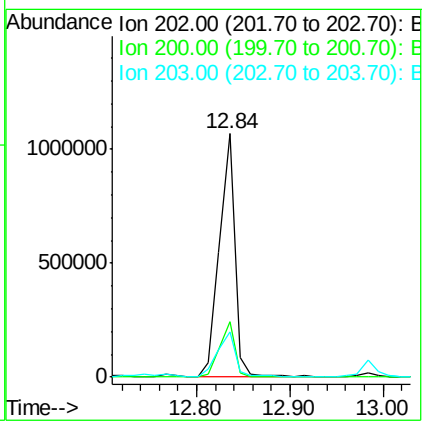


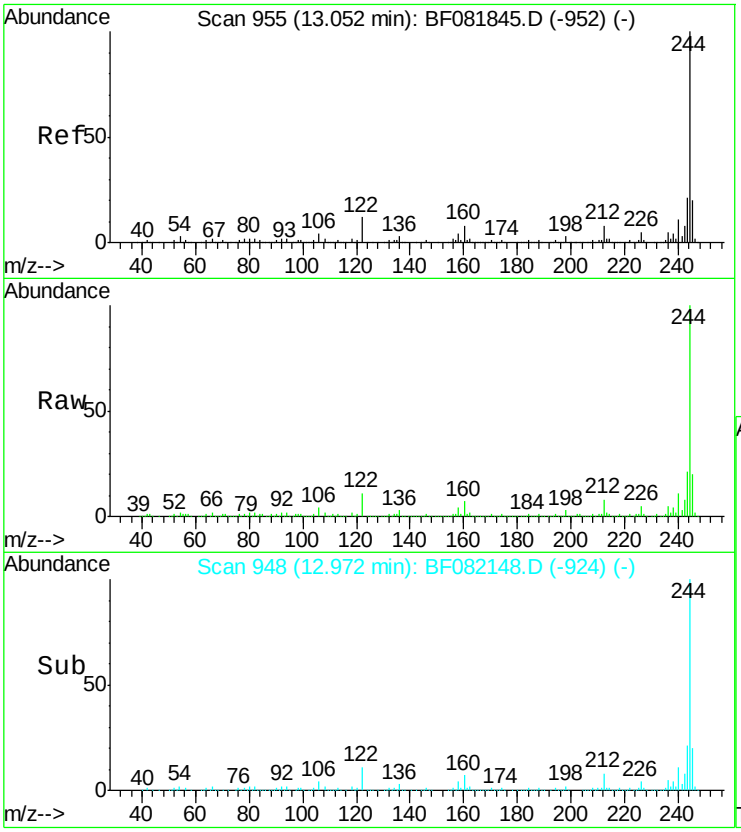


#77
Pyrene
Concen: 92.66 ng
RT: 12.84 min Scan# 936
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:202 Resp: 1229170

Ion	Ratio	Lower	Upper
202	100		
200	22.6	15.0	22.4#
203	18.7	14.1	21.1



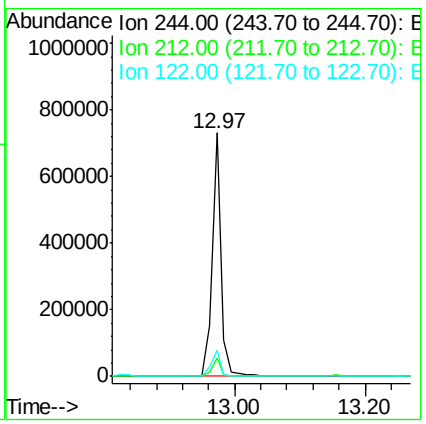


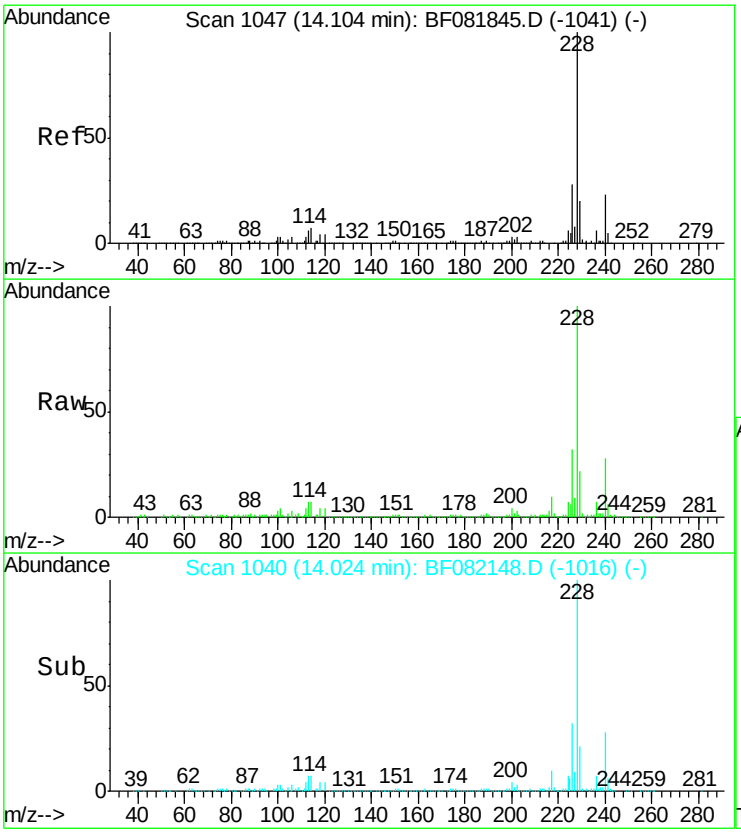
#78
Terphenyl-d14
Concen: 114.69 ng
RT: 12.97 min Scan# 948
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 714237

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	10.6	17.4	26.2#

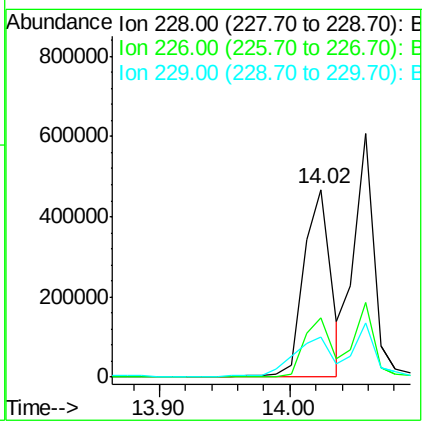


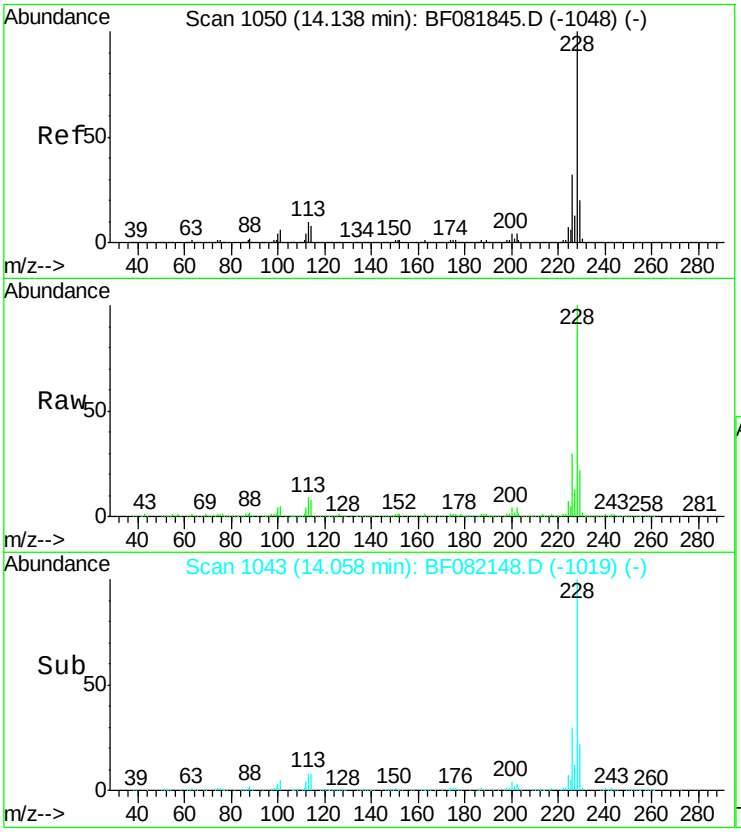


#80
Benzo(a)anthracene
Concen: 56.50 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:228 Resp: 675609

Ion	Ratio	Lower	Upper
228	100		
226	31.9	20.0	30.0#
229	21.6	15.4	23.2



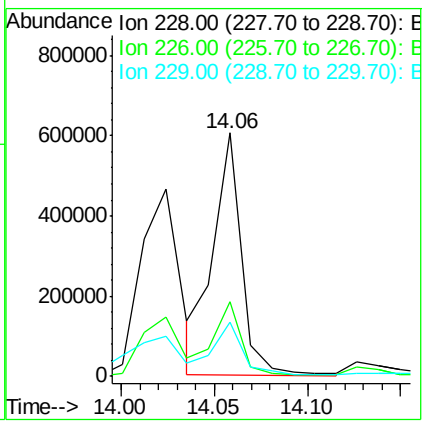


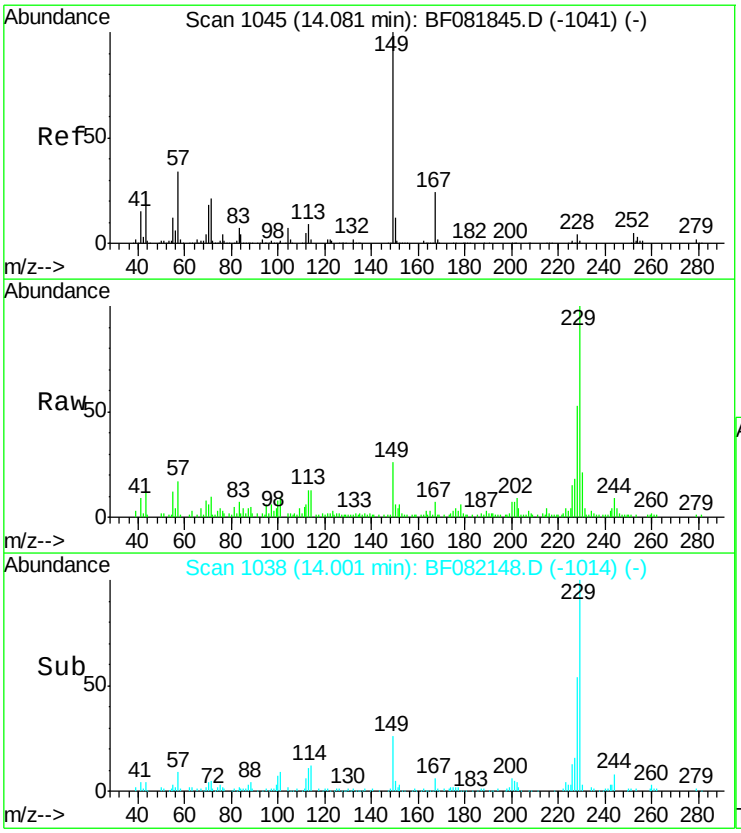
#82
Chrysene
Concen: Below Cal
RT: 14.06 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 643625

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	22.3	15.6	23.4

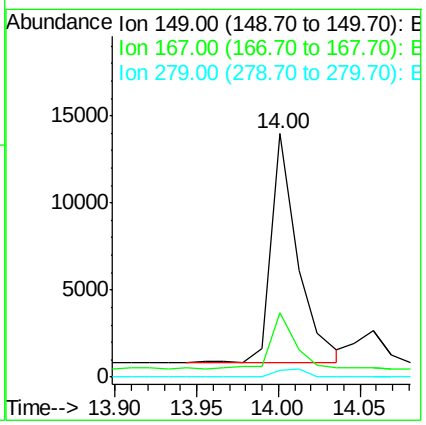


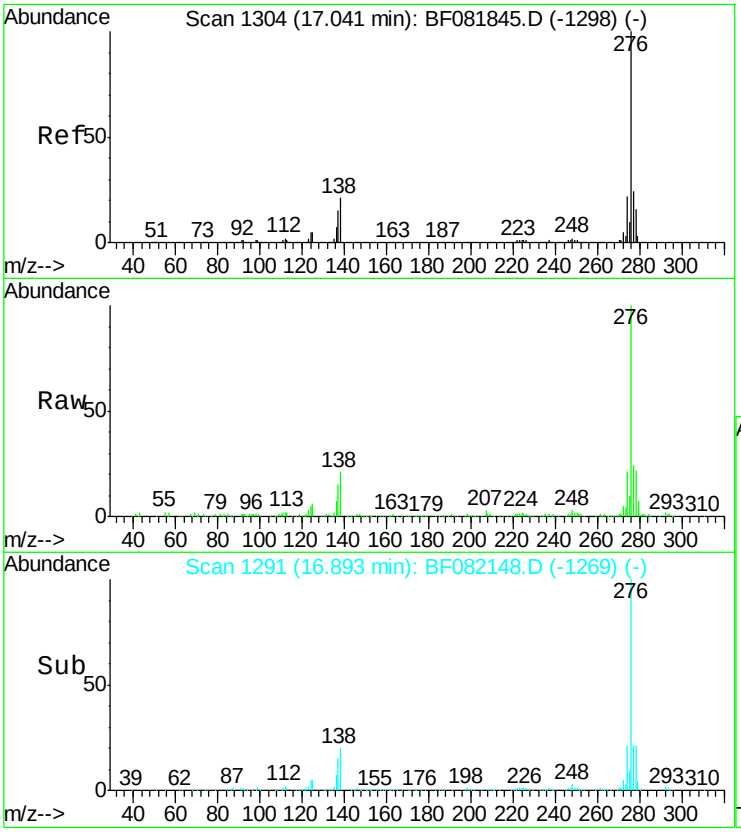


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.41 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:149 Resp: 15119

Ion	Ratio	Lower	Upper
149	100		
167	26.5	24.2	36.2
279	2.7	3.8	5.6#



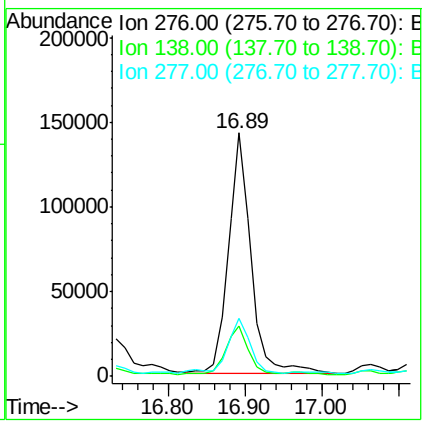


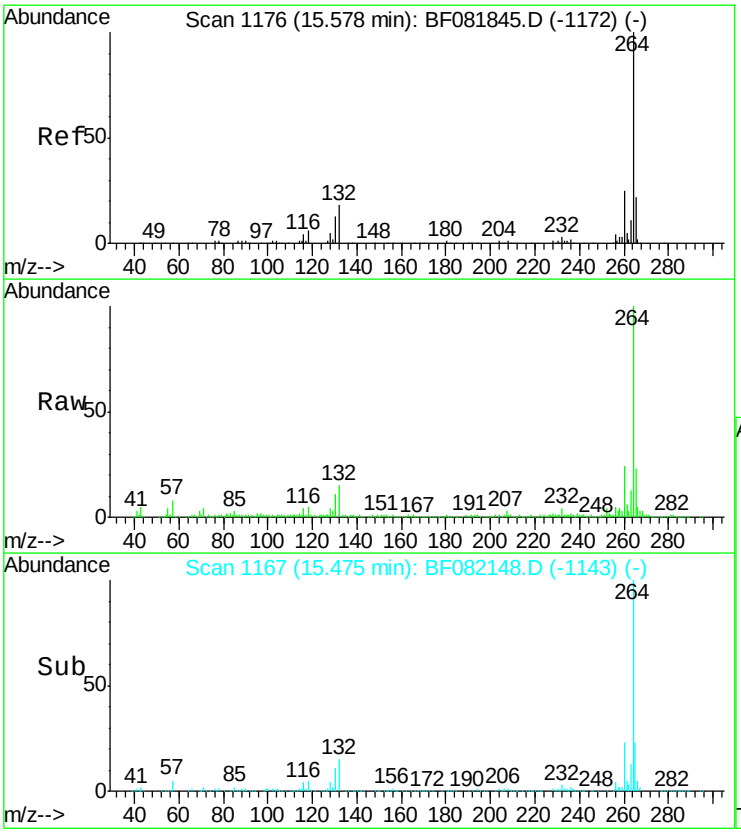
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.30 ng
RT: 16.89 min Scan# 1291
Delta R.T. -0.05 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 292773

Ion	Ratio	Lower	Upper
276	100		
138	19.7	25.7	38.5#
277	22.8	15.6	23.4

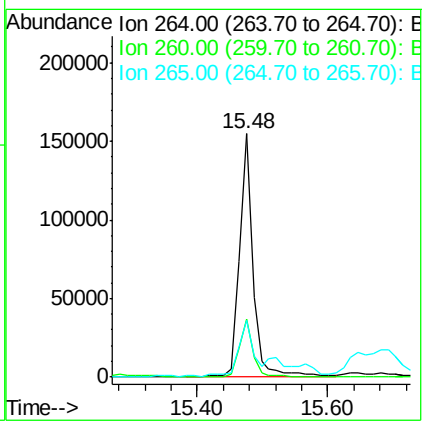


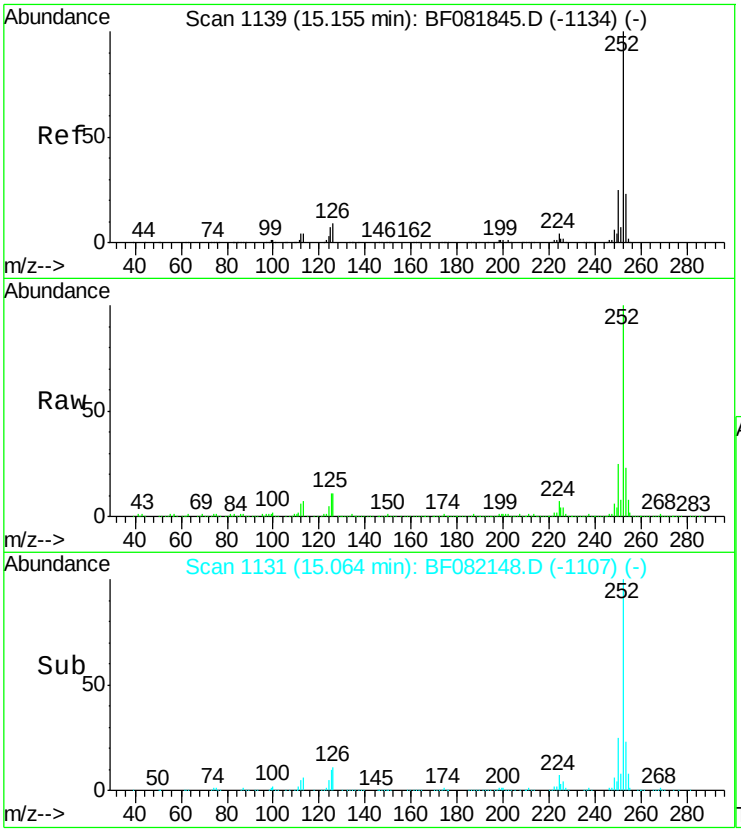


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:264 Resp: 221079

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	23.1	17.2	25.8



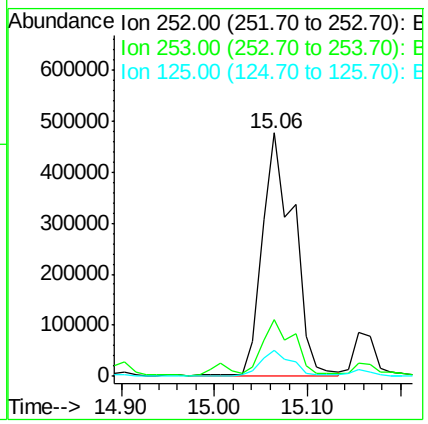


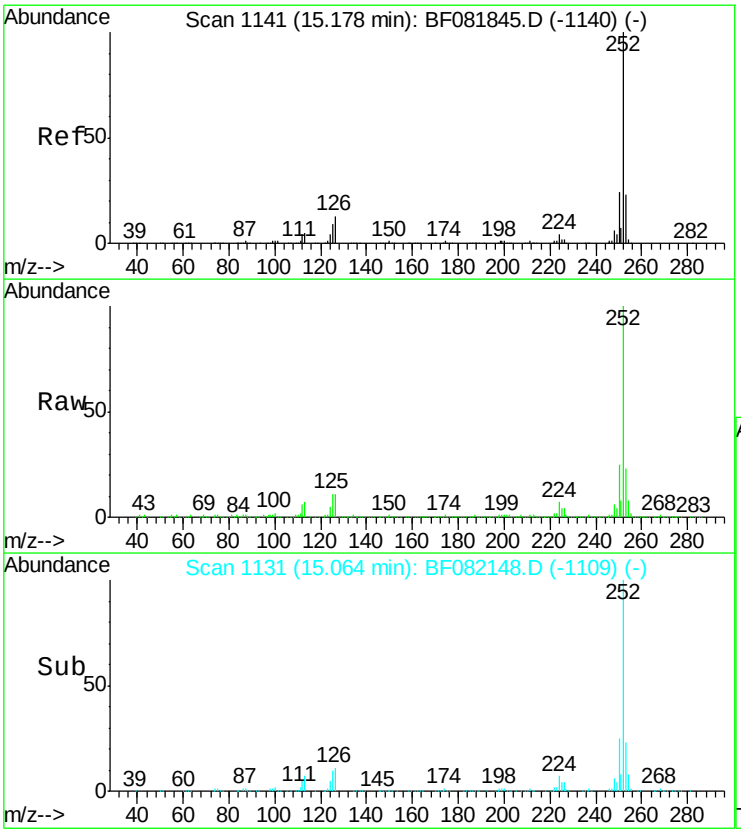
#87
Benzo(b)fluoranthene
Concen: 87.47 ng
RT: 15.06 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1104066

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	10.6	17.1	25.7#

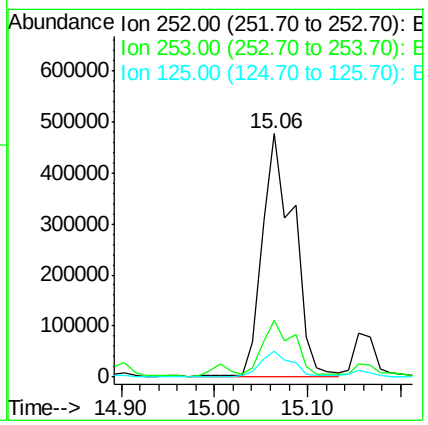


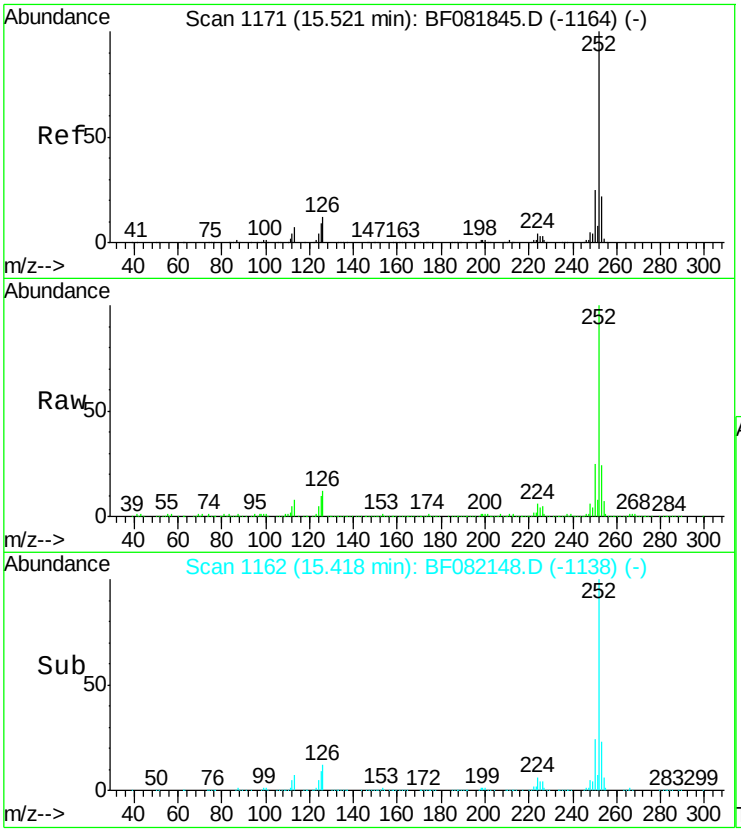


#88
Benzo(k)fluoranthene
Concen: 95.44 ng
RT: 15.06 min Scan# 1131
Delta R.T. -0.05 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:252 Resp: 1104066

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.4
125	10.6	16.0	24.0#



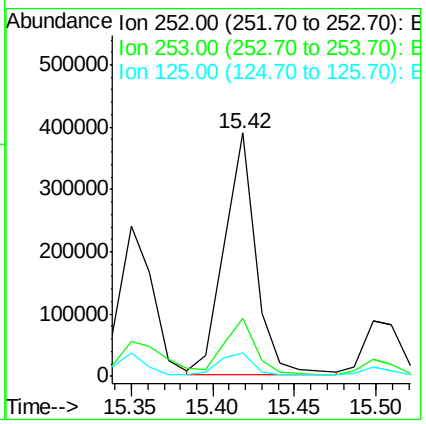


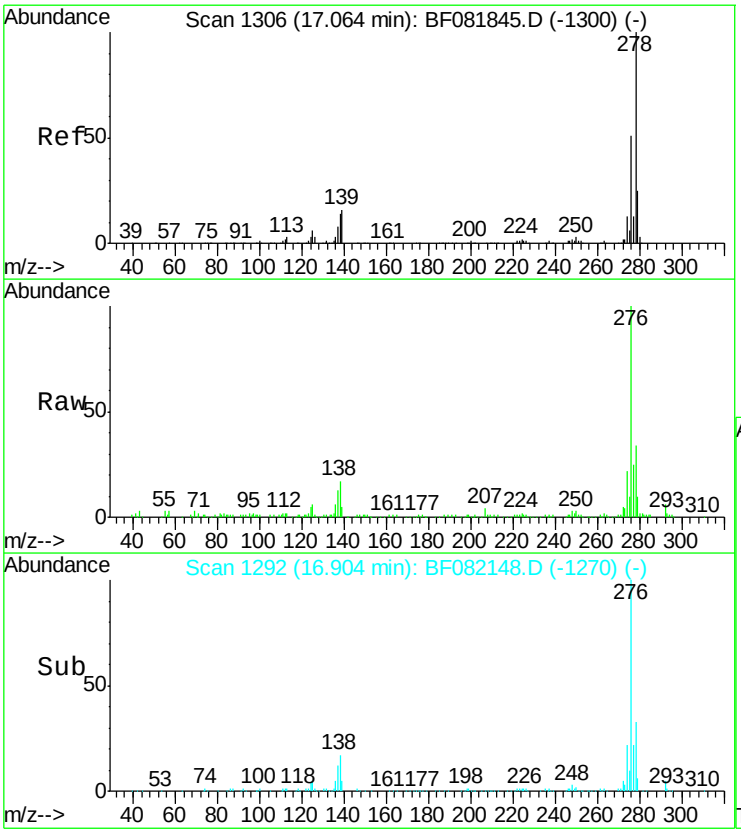
#89
Benzo(a)pyrene
Concen: 47.10 ng
RT: 15.42 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 515639

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	9.6	18.0	27.0#

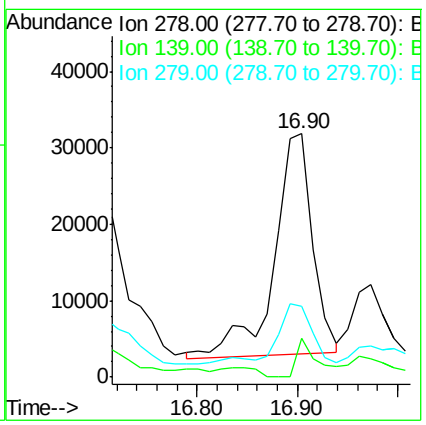


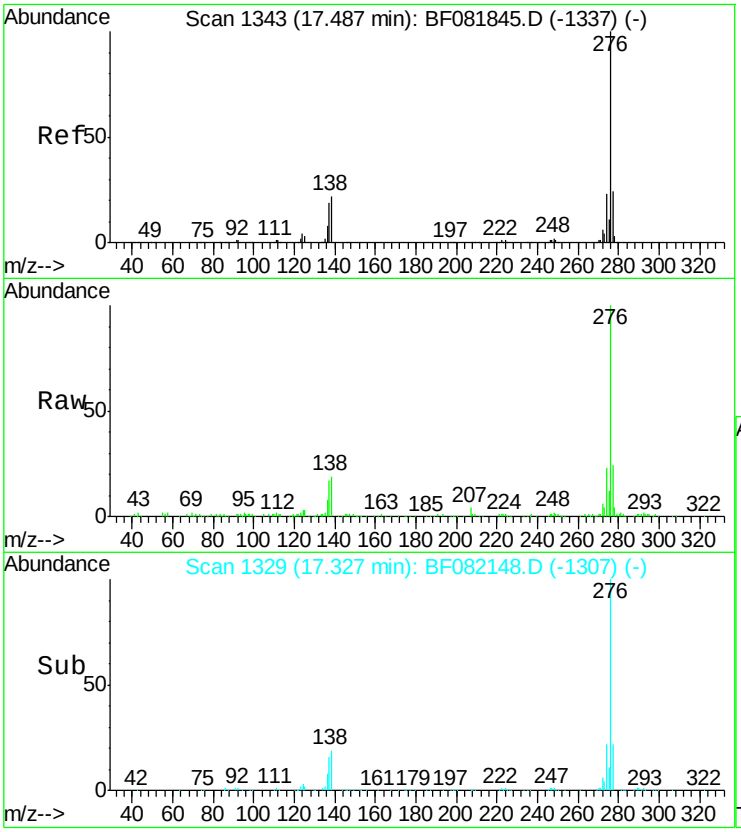


#90
Dibenzo(a,h)anthracene
Concen: 8.35 ng
RT: 16.90 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Tgt Ion:278 Resp: 76685

Ion	Ratio	Lower	Upper
278	100		
139	16.0	26.3	39.5#
279	29.3	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 25.65 ng
RT: 17.33 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF082148.D
Acq: 9 Oct 2015 16:37

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 241512

Ion	Ratio	Lower	Upper
276	100		
277	23.7	17.8	26.6
138	19.5	34.6	51.8#