Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101015\
Data File : BF082208.D
Acq On : 11 Oct 2015 7:10
Operator : UM/IZ
Sample : G3979-20
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A11COMP

Quant Time: Oct 12 03:06:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	84919	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	326383	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	139713	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	226482	20.00	ng		0.00
75) Chrysene-d12	14.01	240	196152	20.00	ng		0.00
86) Perylene-d12	15.44	264	182987	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	483312	114.87	ng		0.01
7) Phenol-d6	6.48	99	625562	114.25	ng		0.00
23) Nitrobenzene-d5	7.41	82	357499	73.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	128485	98.06	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	645053	76.57	ng		-0.01
78) Terphenyl-d14	12.95	244	477603	64.52	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	46514	12.10	ng	#	80
25) Isophorone	7.41	82	306917	31.29	ng	#	66
49) Dimethylphthalate	9.60	163	189172	19.23	ng		98
56) 2,4-Dinitrotoluene	9.87	165	17659	6.81	ng	#	21
66) 4-Bromophenyl-phenylether	10.67	248	8459	3.73	ng	#	1
70) Phenanthrene	11.39	178	228118	20.55	ng		97
71) Anthracene	11.44	178	61141	5.34	ng		98
72) Carbazole	11.60	167	23185	2.22	ng		97
74) Fluoranthene	12.58	202	521983	43.78	ng		99
77) Pyrene	12.81	202	412846	35.47	ng		99
80) Benzo(a)anthracene	14.00	228	232090	22.74	ng		96
82) Chrysene	14.00	228	231981	21.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	145947	17.08	ng		98
87) Benzo(b)fluoranthene	15.03	252	454735	40.85	ng		99
88) Benzo(k)fluoranthene	15.03	252	454735	48.60	ng	#	97
89) Benzo(a)pyrene	15.38	252	215529	22.53	ng		98
90) Dibenzo(a,h)anthracene	16.86	278	26216	3.34	ng	#	77
91) Benzo(g,h,i)perylene	17.28	276	135423	17.78	ng		98

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

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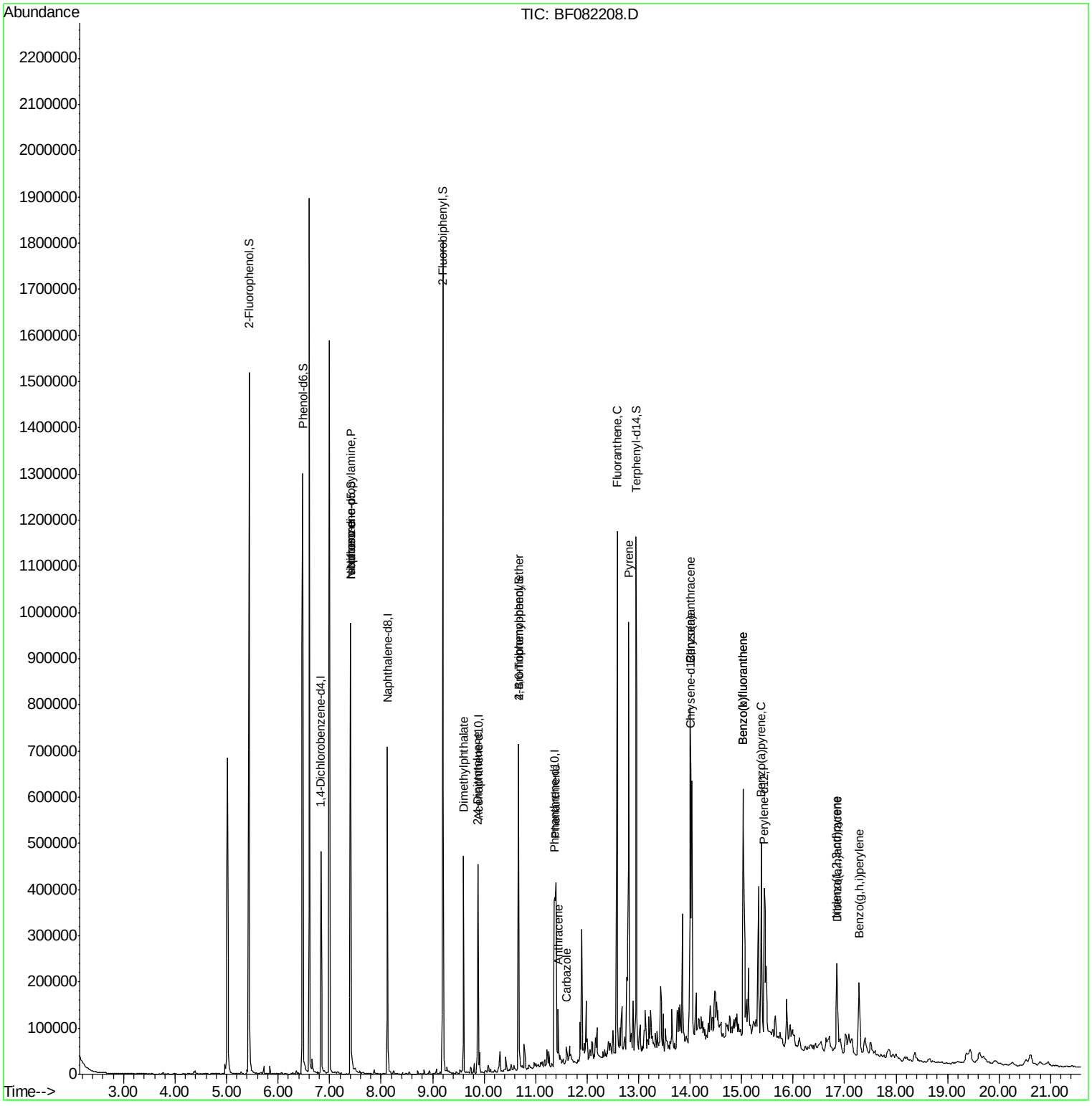
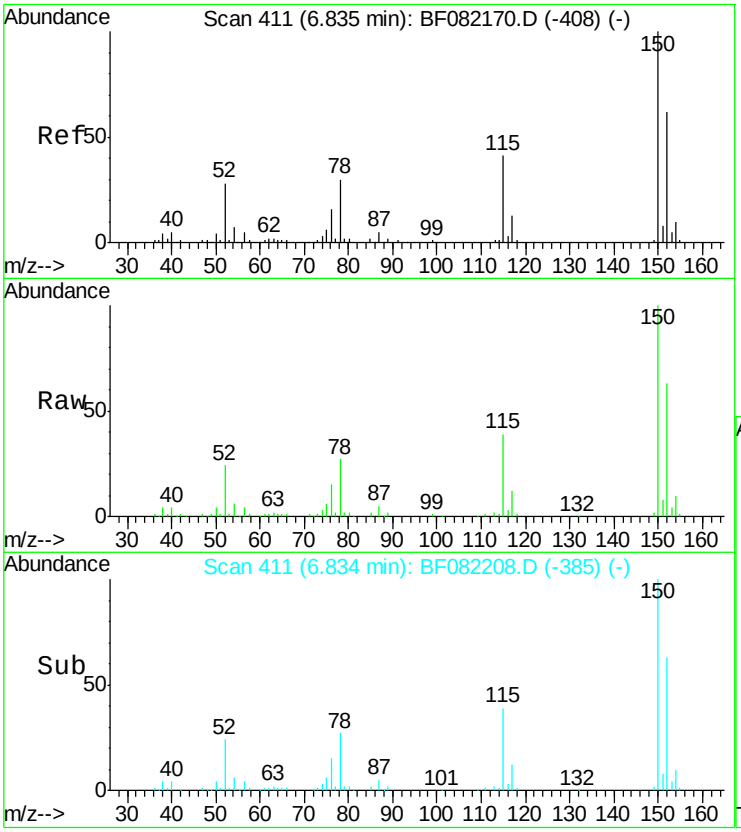


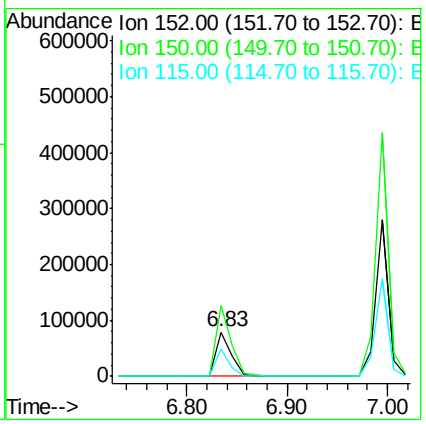


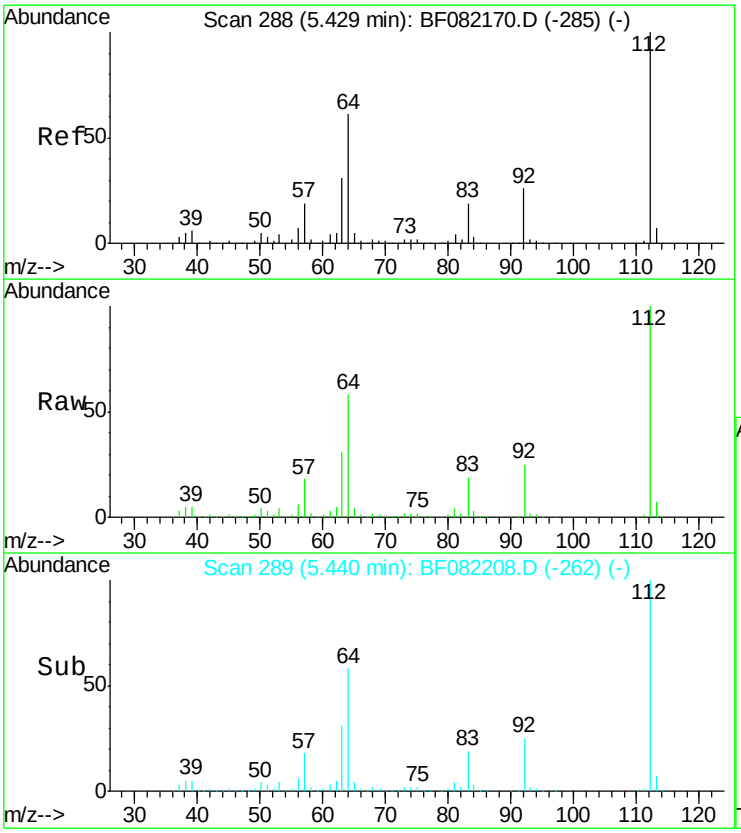
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:152 Resp: 84919

Ion	Ratio	Lower	Upper
152	100		
150	159.3	129.0	193.4
115	62.3	52.1	78.1

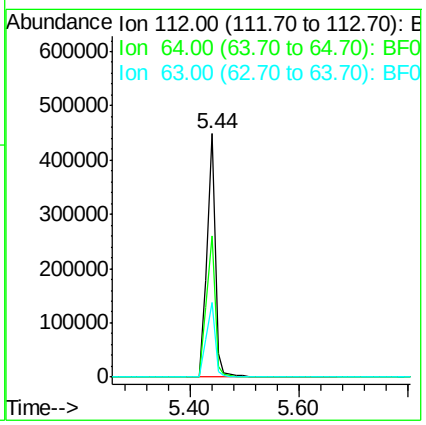


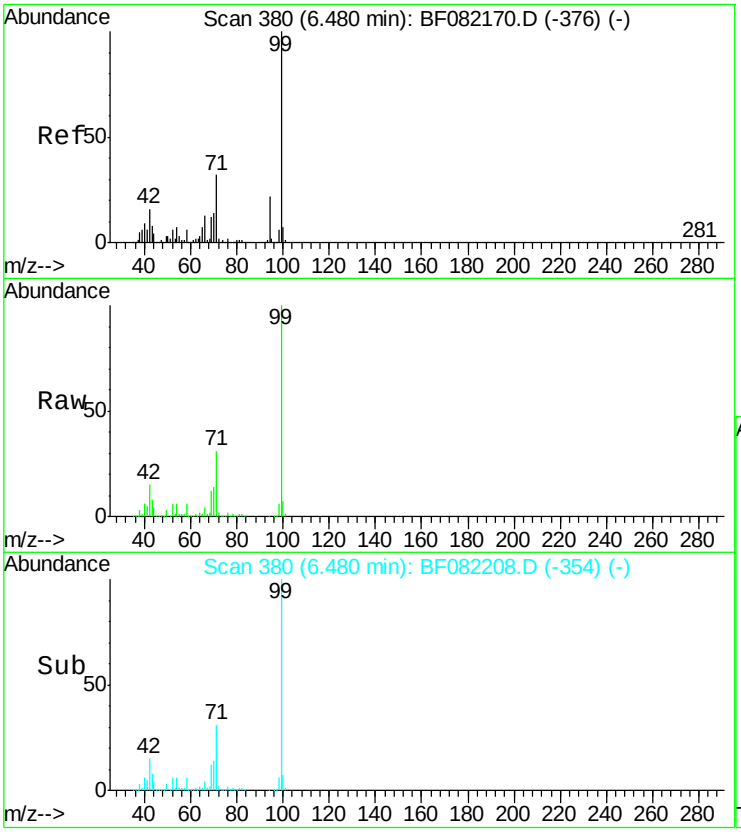


#5
2-Fluorophenol
Concen: 114.87 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:112 Resp: 483312

Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.6	73.0
63	30.7	25.1	37.7



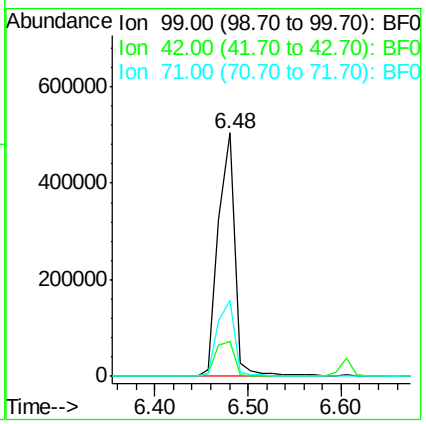


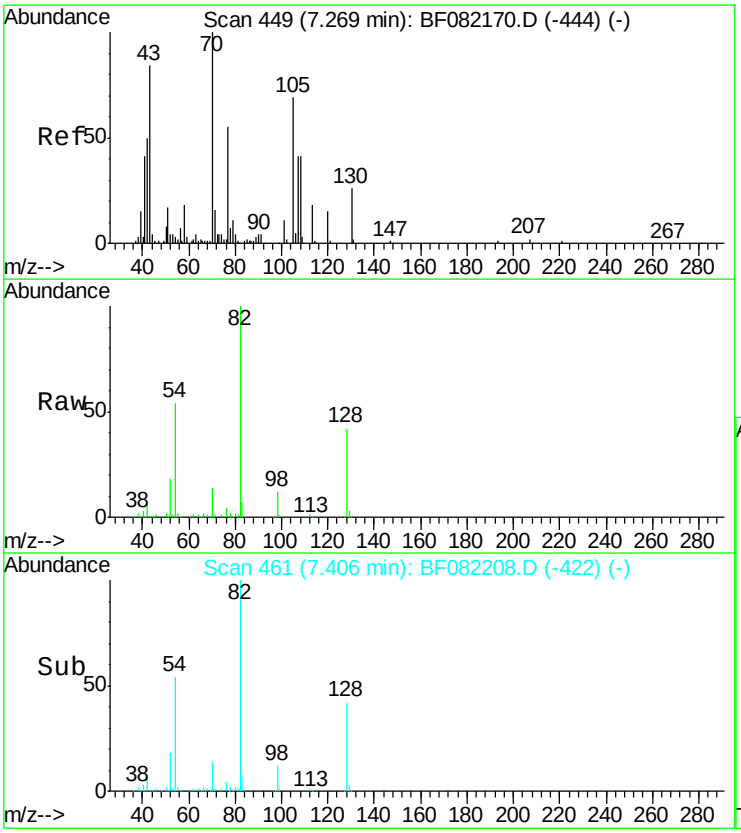
#7
Phenol-d6
Concen: 114.25 ng
RT: 6.48 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion: 99 Resp: 625562

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.2	19.8
71	31.2	25.6	38.4

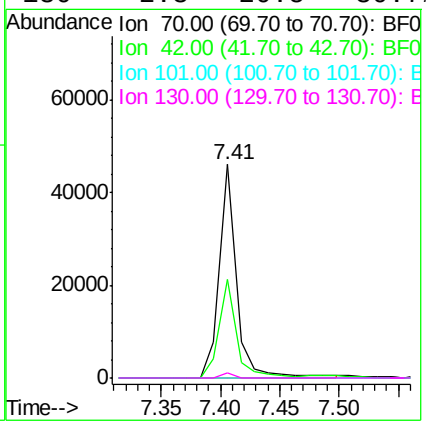


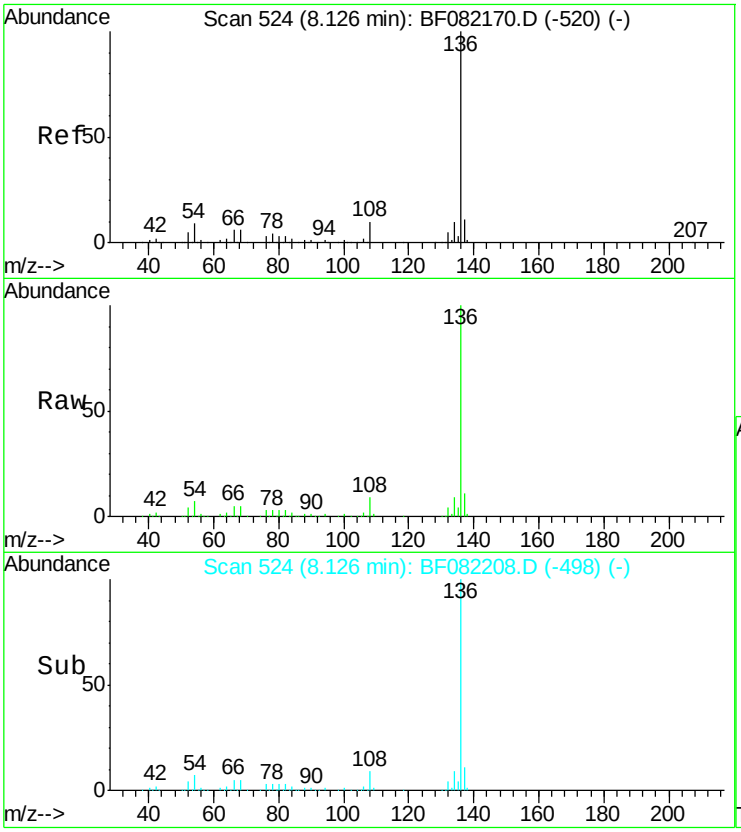


#19
n-Nitroso-di-n-propylamine
Concen: 12.10 ng
RT: 7.41 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion: 70 Resp: 46514

Ion	Ratio	Lower	Upper
70	100		
42	46.3	39.8	59.8
101	0.0	8.6	13.0#
130	2.3	20.5	30.7#



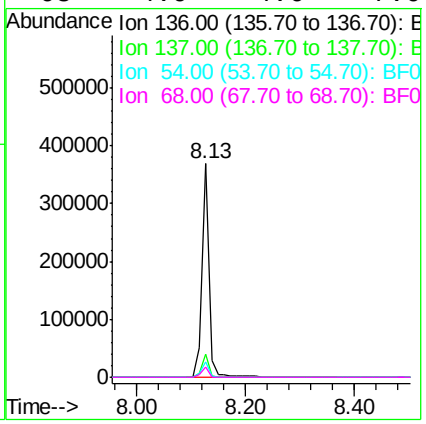


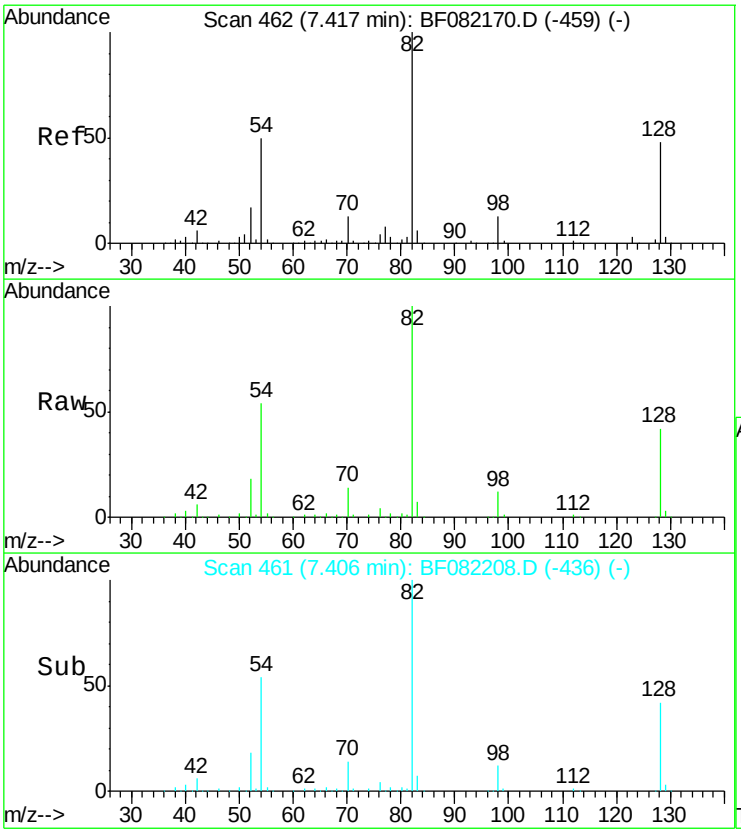
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:136 Resp: 326383

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	7.1	7.5	11.3#
68	4.9	4.6	7.0

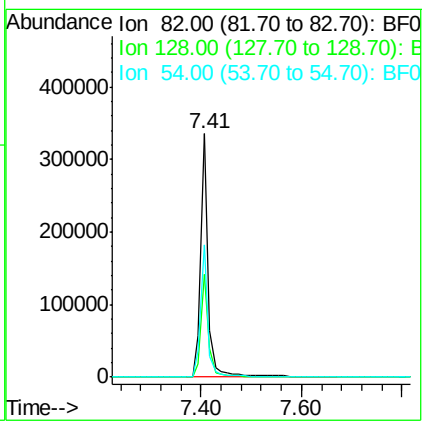


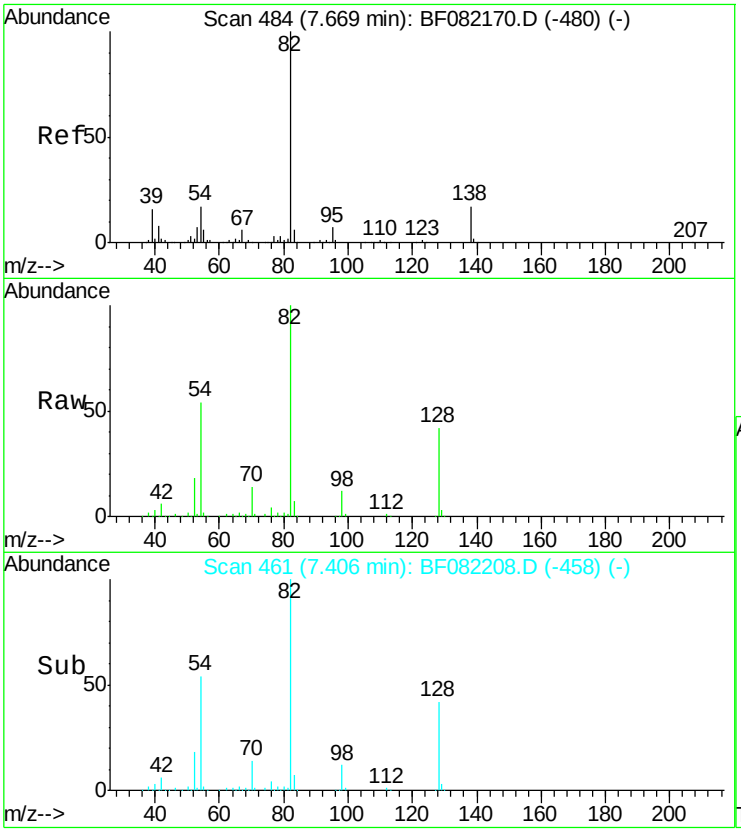


#23
Nitrobenzene-d5
Concen: 73.56 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion: 82 Resp: 357499

Ion	Ratio	Lower	Upper
82	100		
128	42.5	38.7	58.1
54	54.4	40.1	60.1



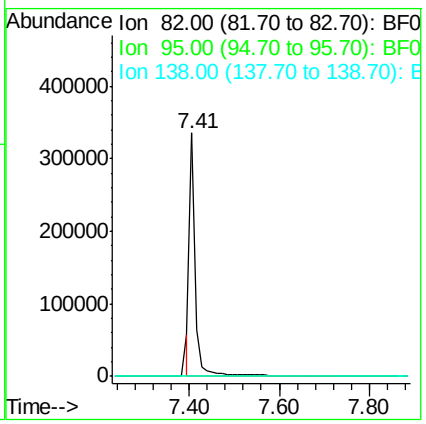


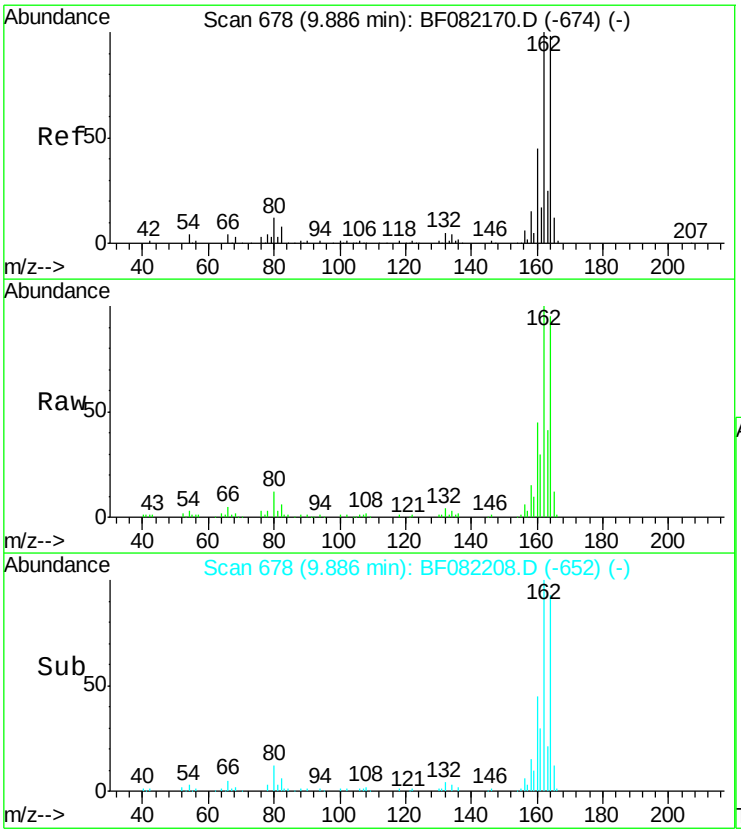
#25
Isophorone
Concen: 31.29 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.26 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion: 82 Resp: 306917

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.6	20.4#

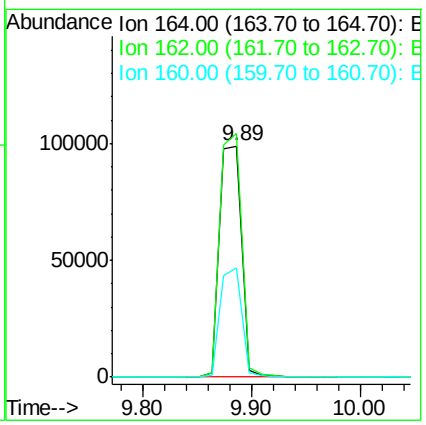


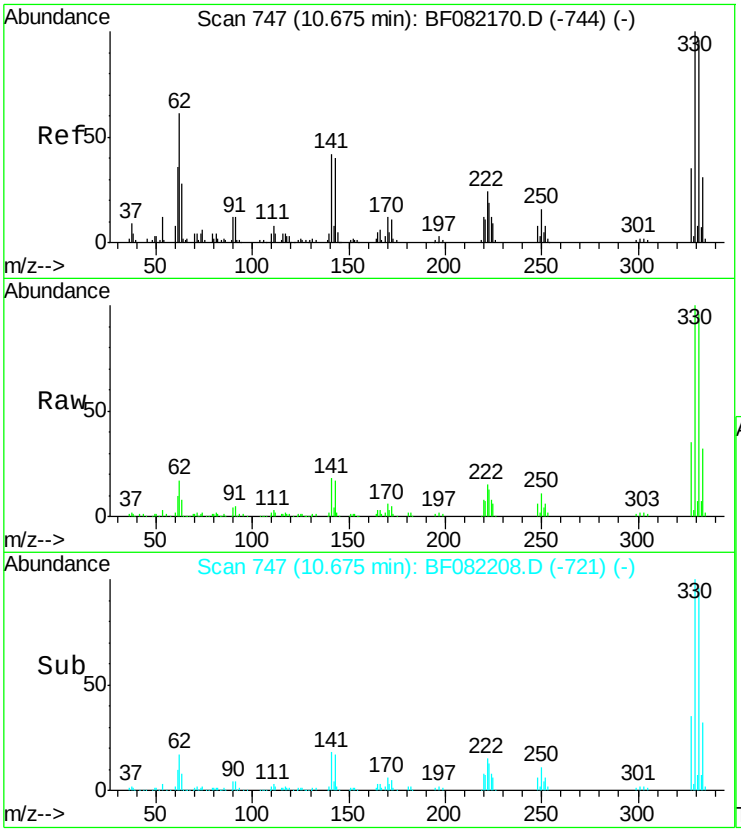


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:164 Resp: 139713

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.6	122.4
160	47.2	36.4	54.6



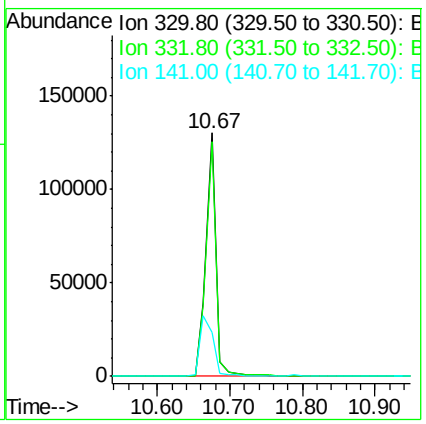


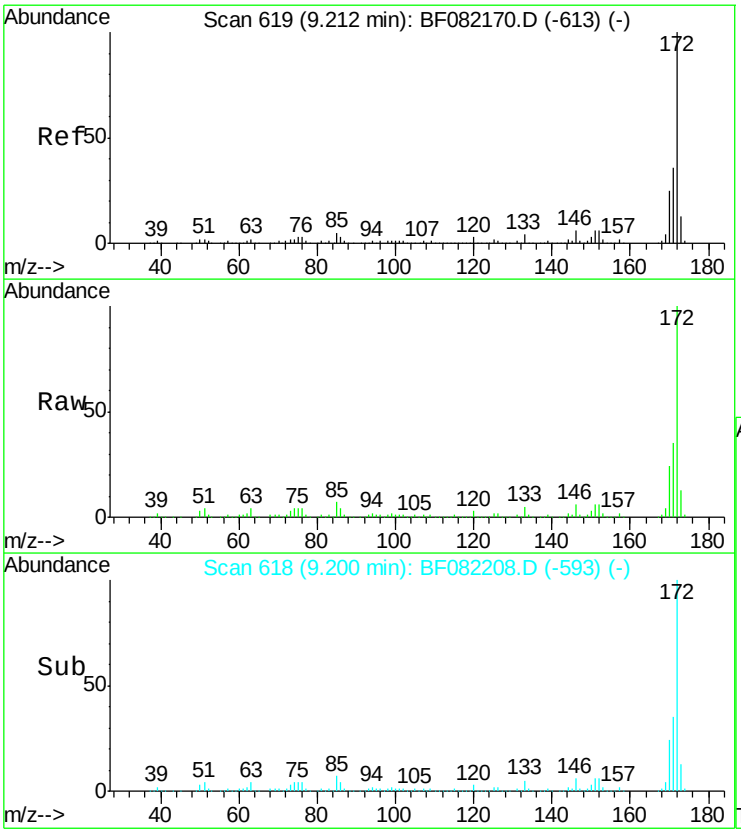
#41
2,4,6-Tribromophenol
Concen: 98.06 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:330 Resp: 128485

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.1	115.7
141	32.8	29.8	44.8

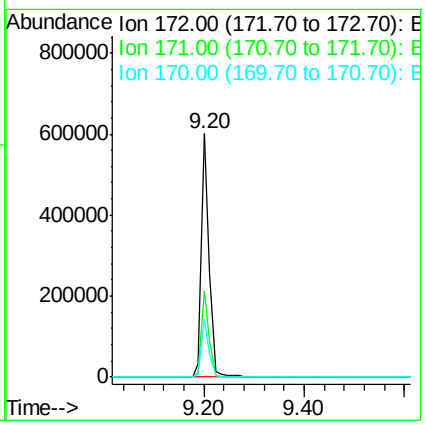


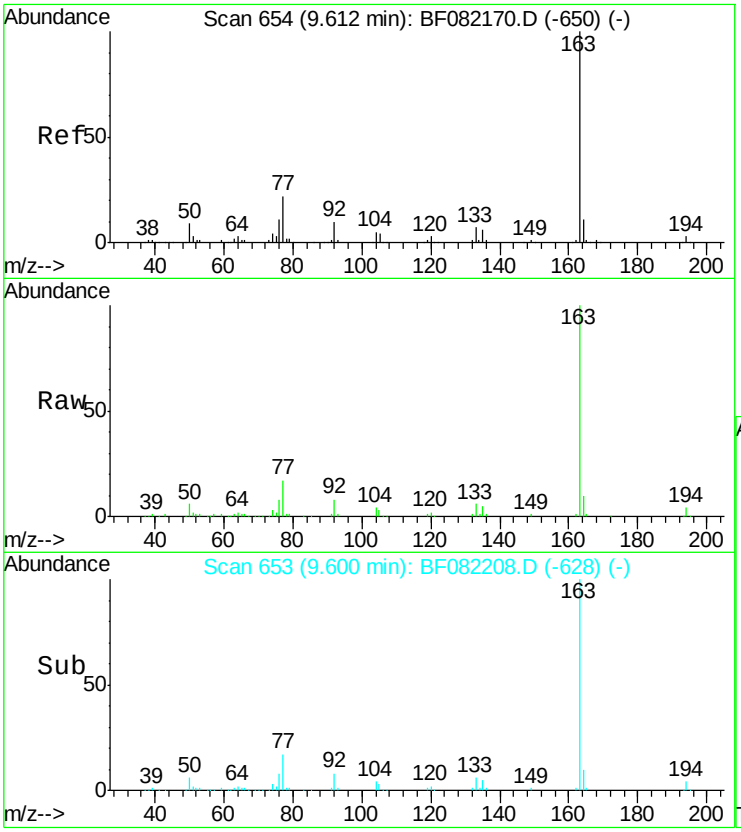


#44
2-Fluorobiphenyl
Concen: 76.57 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:172 Resp: 645053

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	23.8	19.7	29.5



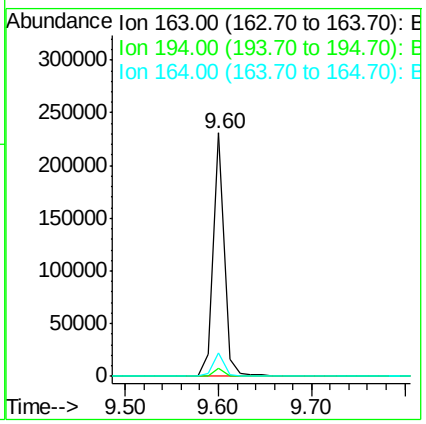


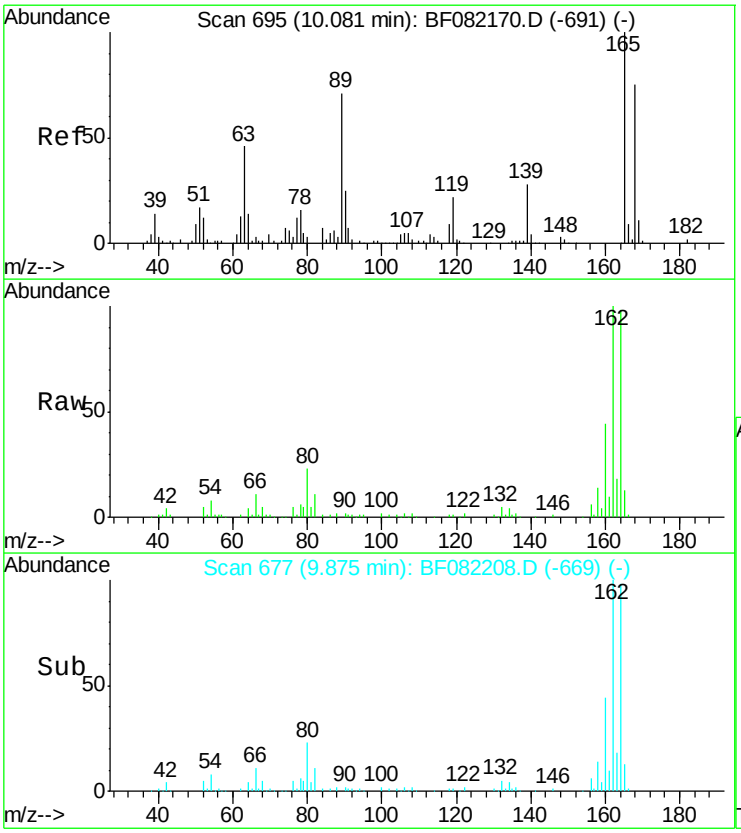
#49
Dimethylphthalate
Concen: 19.23 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:163 Resp: 189172

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.7	8.5	12.7

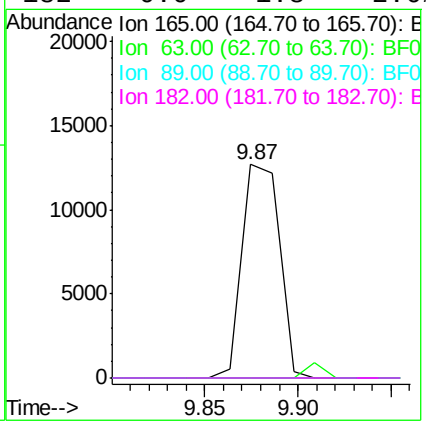


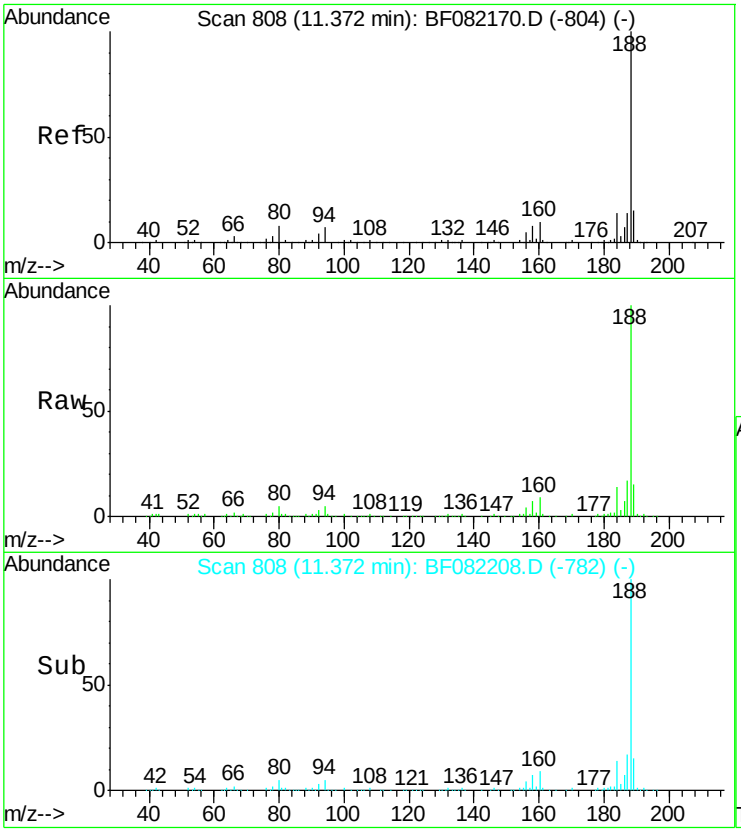


#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:165 Resp: 17659

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.6	58.0#
89	0.0	57.0	85.6#
182	0.0	1.8	2.6#



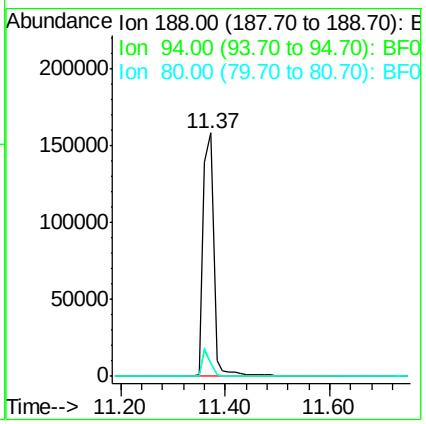


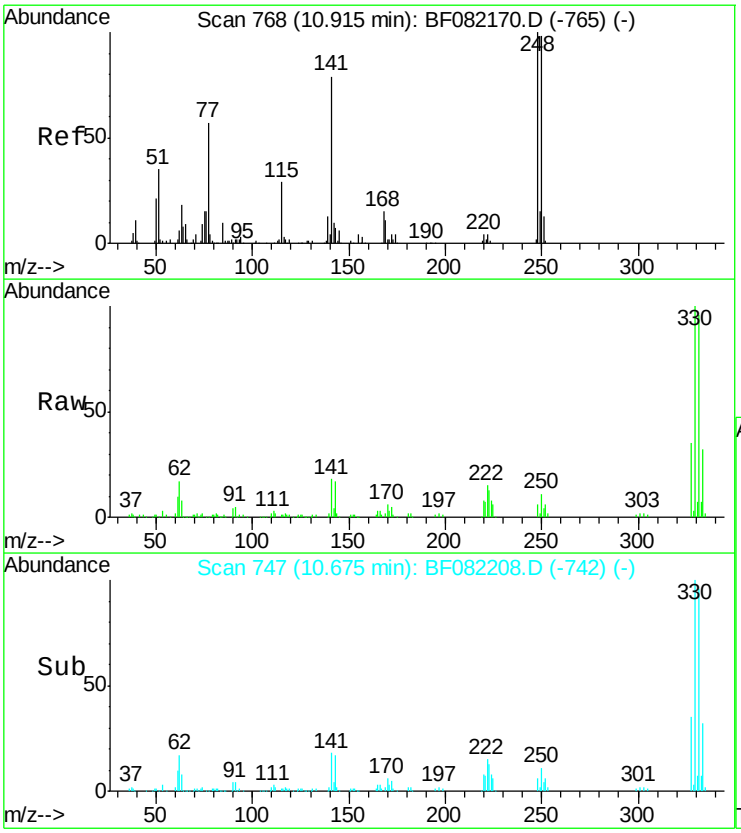
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:188 Resp: 226482

Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.8	8.6#
80	5.3	6.4	9.6#

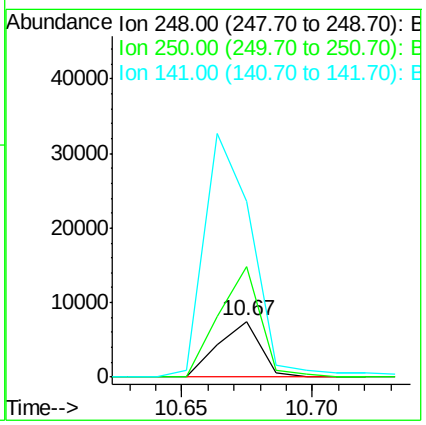


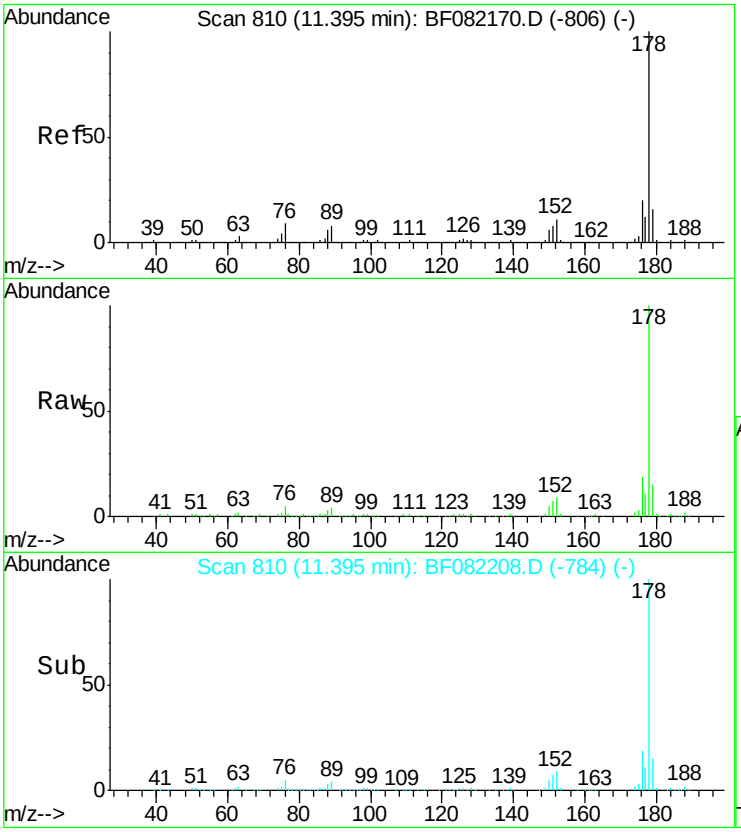


#66
4-Bromophenyl-phenylether
Concen: 3.73 ng
RT: 10.67 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:248 Resp: 8459

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.6	117.8#
141	314.8	63.3	94.9#



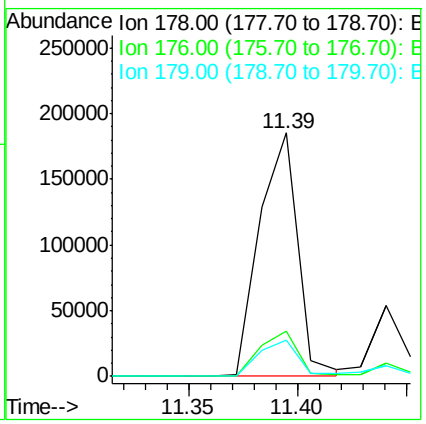


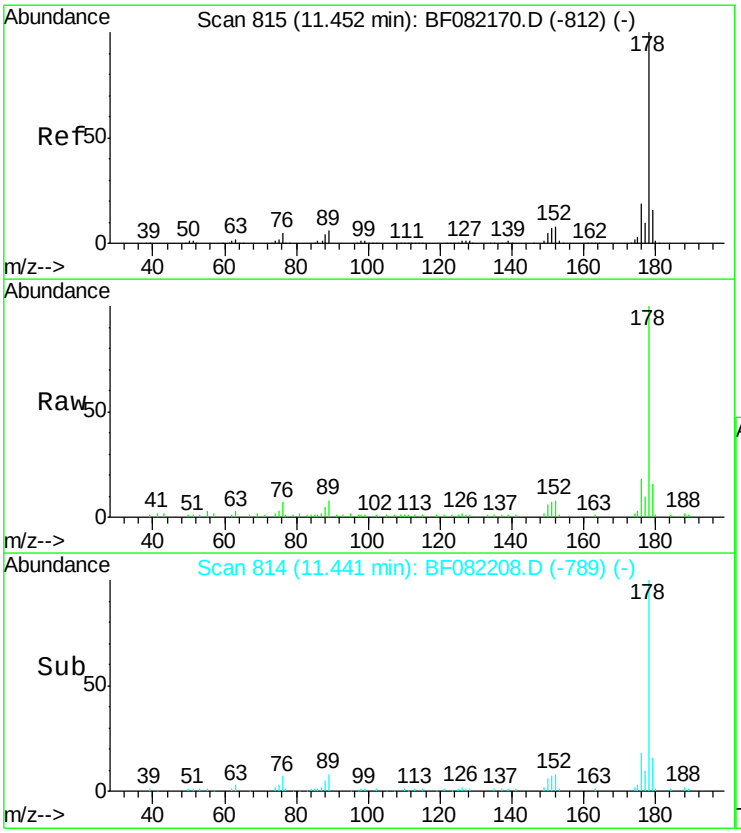
#70
Phenanthrene
Concen: 20.55 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:178 Resp: 228118

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	14.8	12.6	19.0

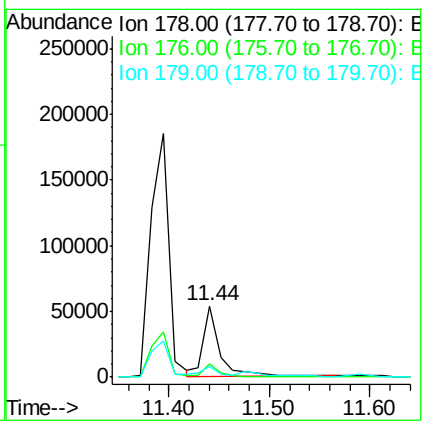


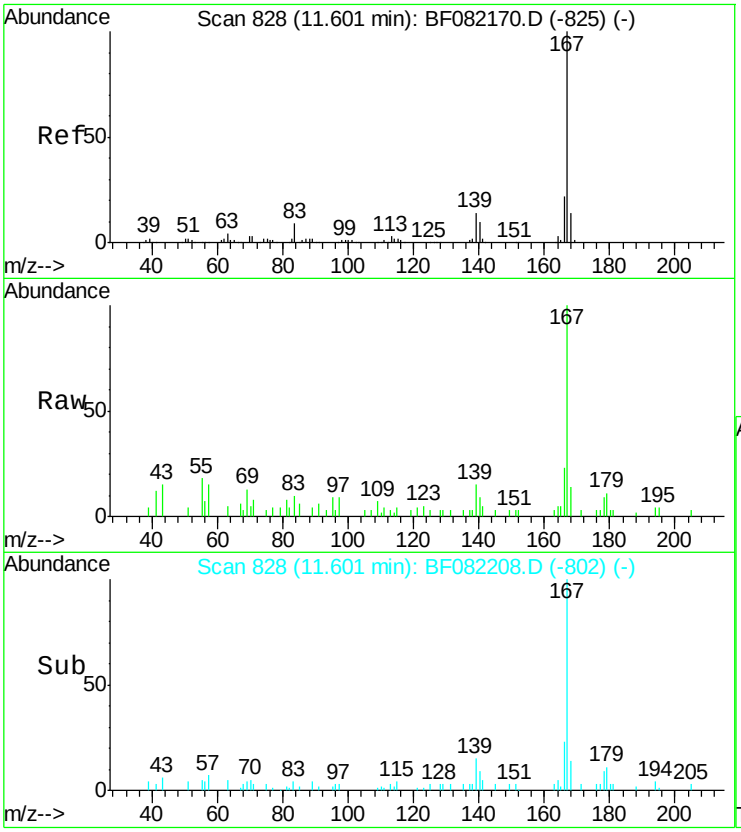


#71
Anthracene
Concen: 5.34 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:178 Resp: 61141

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.9	12.5	18.7



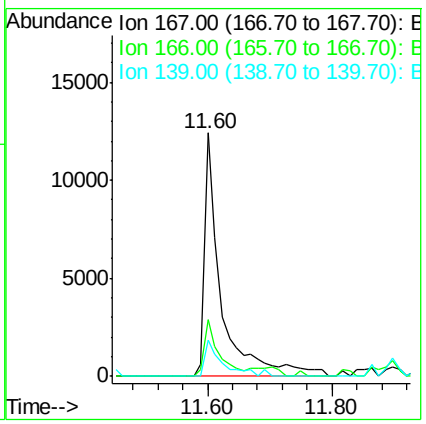


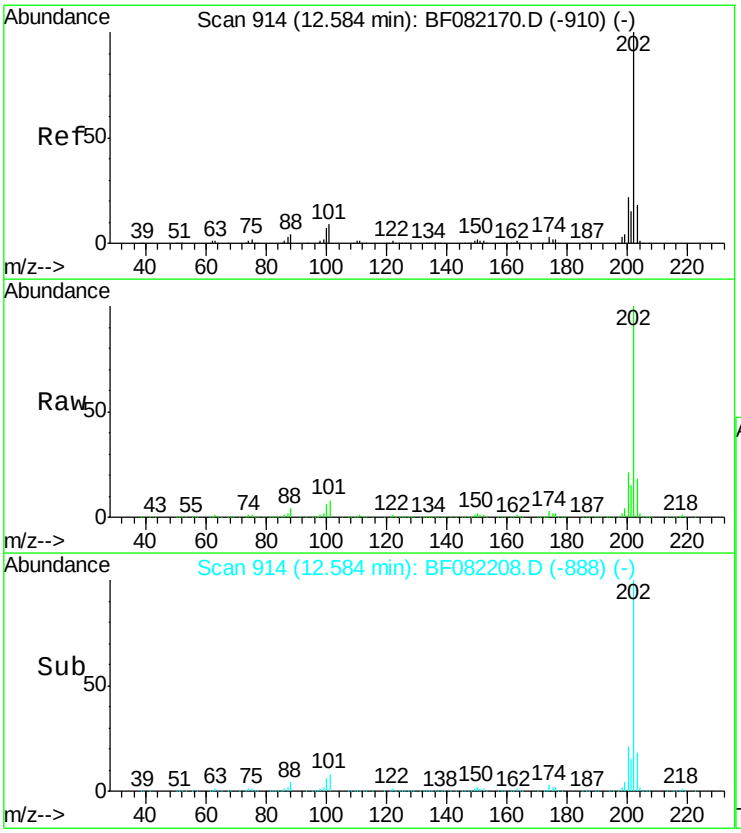
#72
Carbazole
Concen: 2.22 ng
RT: 11.60 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:167 Resp: 23185

Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.3	25.9
139	14.7	11.2	16.8

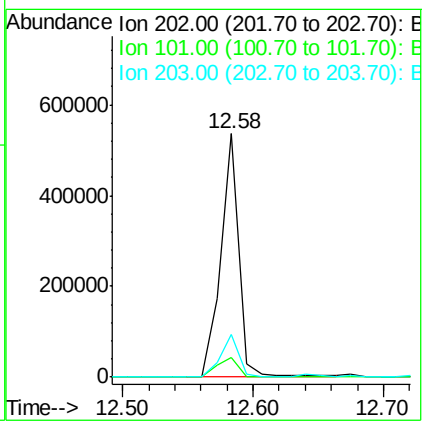


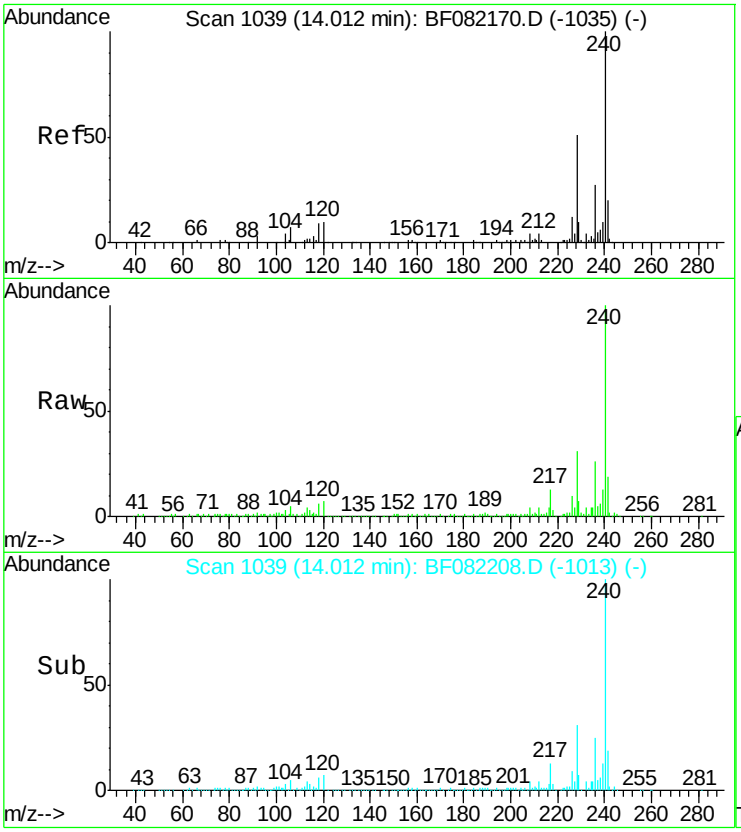


#74
Fluoranthene
Concen: 43.78 ng
RT: 12.58 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:202 Resp: 521983

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	29.3
203	17.7	0.0	37.8



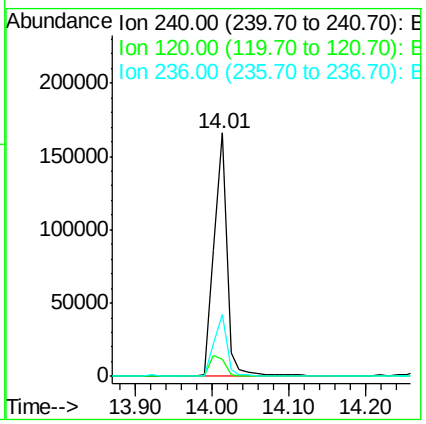


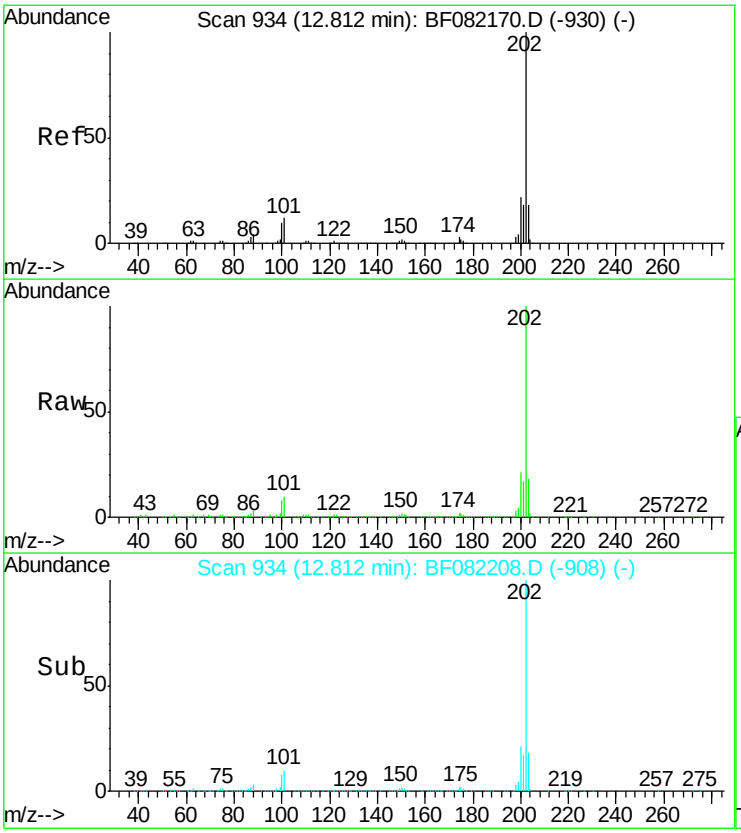
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:240 Resp: 196152

Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.1	12.1#
236	25.5	21.3	31.9

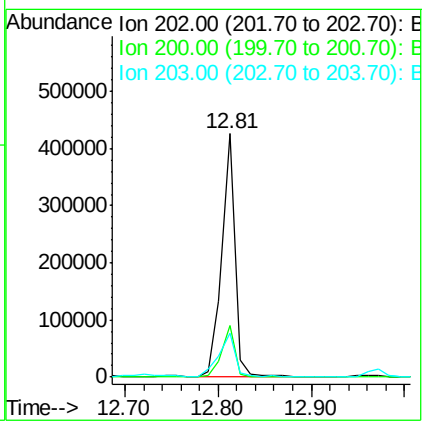


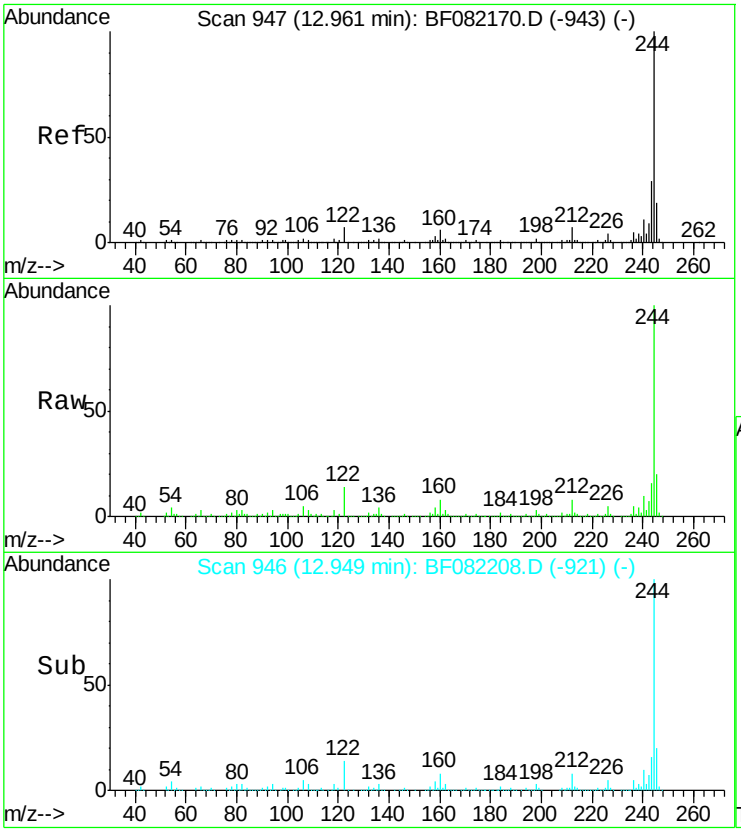


#77
Pyrene
Concen: 35.47 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:202 Resp: 412846

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.9	26.9
203	17.9	14.5	21.7



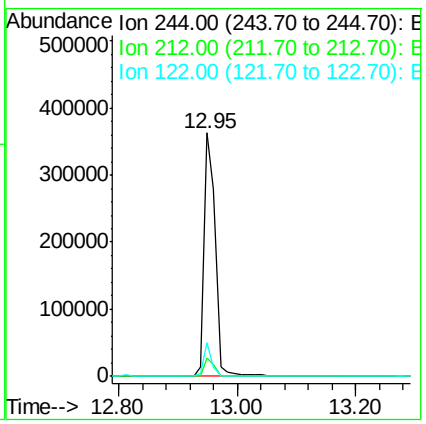


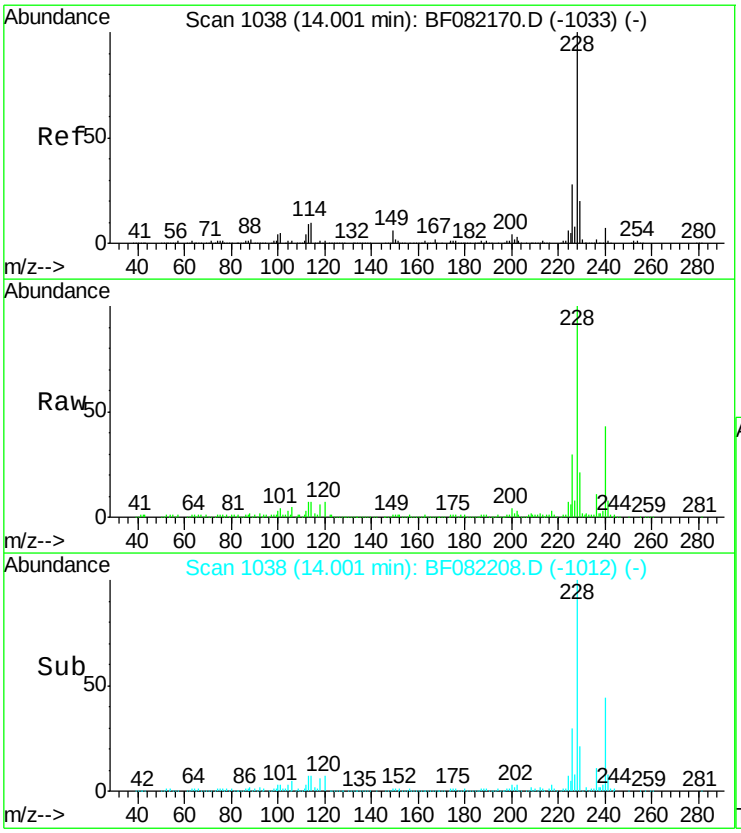
#78
Terphenyl-d14
Concen: 64.52 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:244 Resp: 477603

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	13.8	5.9	8.9#

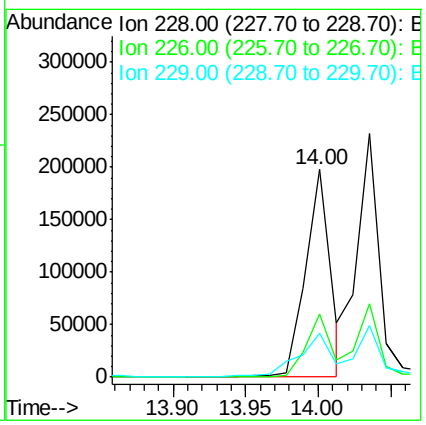


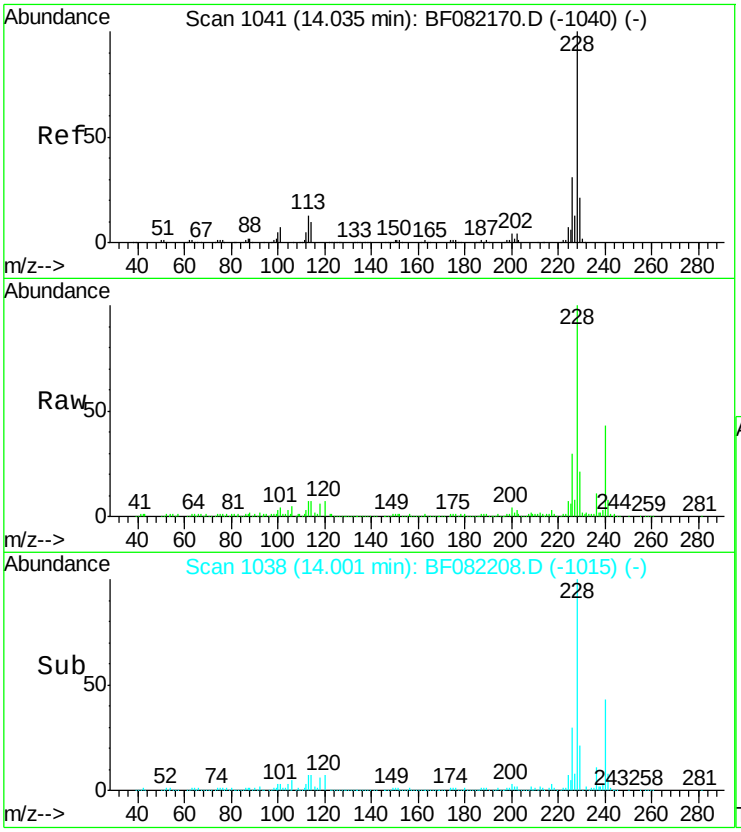


#80
Benzo(a)anthracene
Concen: 22.74 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:228 Resp: 232090

Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	21.4	16.2	24.2



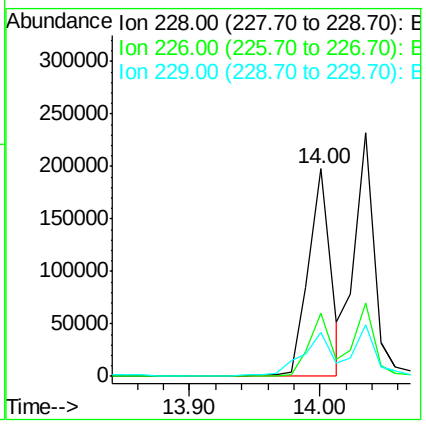


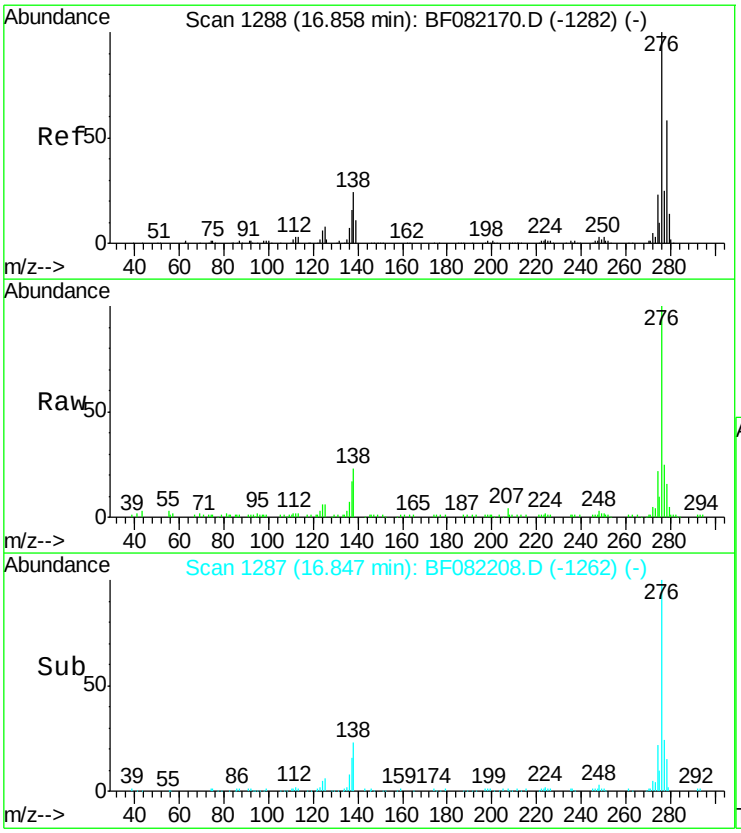
#82
Chrysene
Concen: 21.57 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:228 Resp: 231981

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	21.4	16.3	24.5

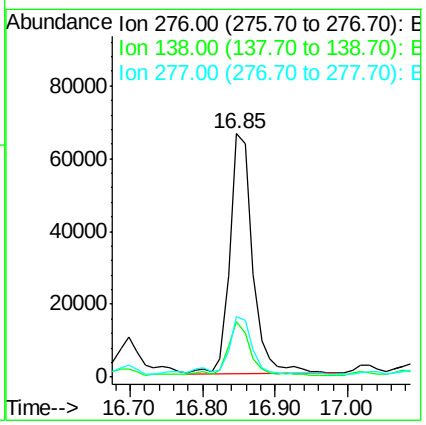


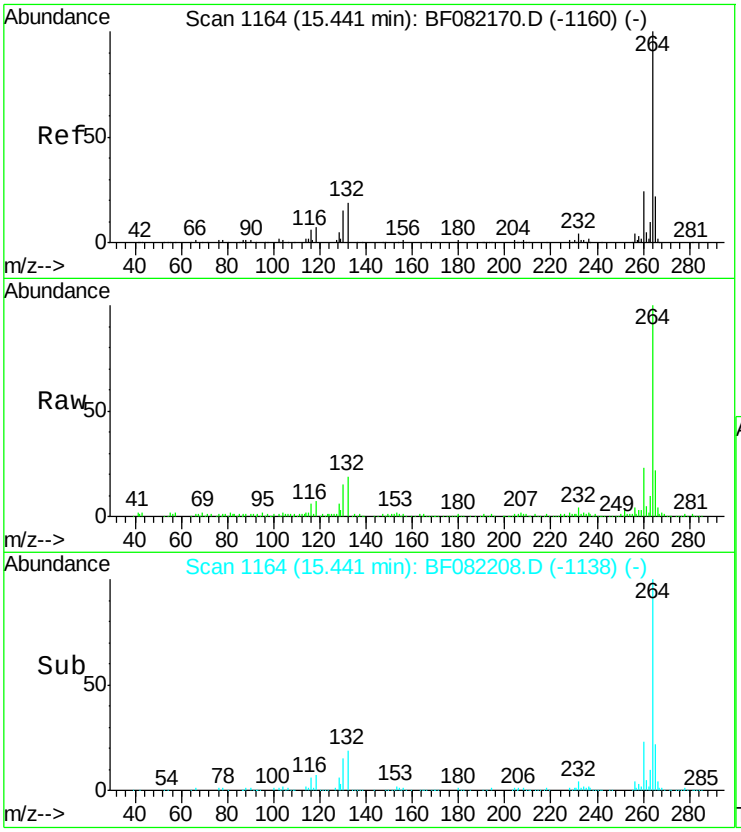


#85
Indeno(1,2,3-cd)pyrene
Concen: 17.08 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:276 Resp: 145947

Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.7	29.5
277	25.3	20.1	30.1



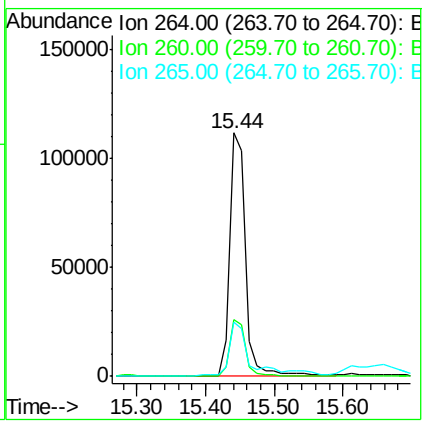


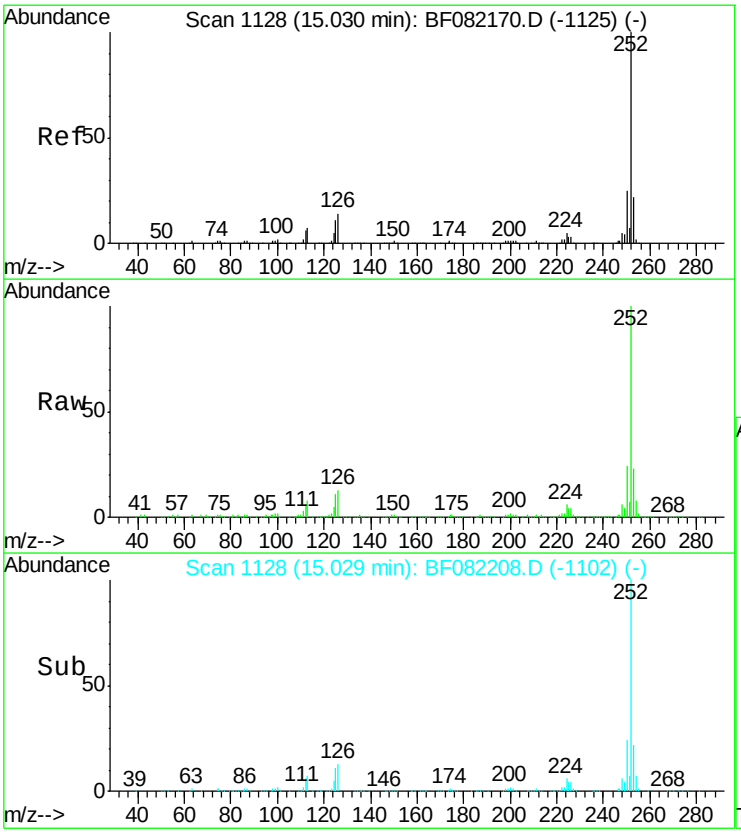
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:264 Resp: 182987

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.3	17.3	25.9

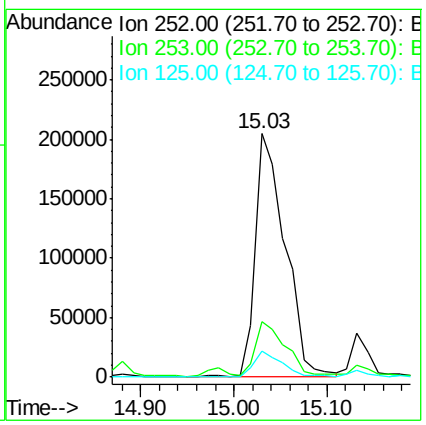


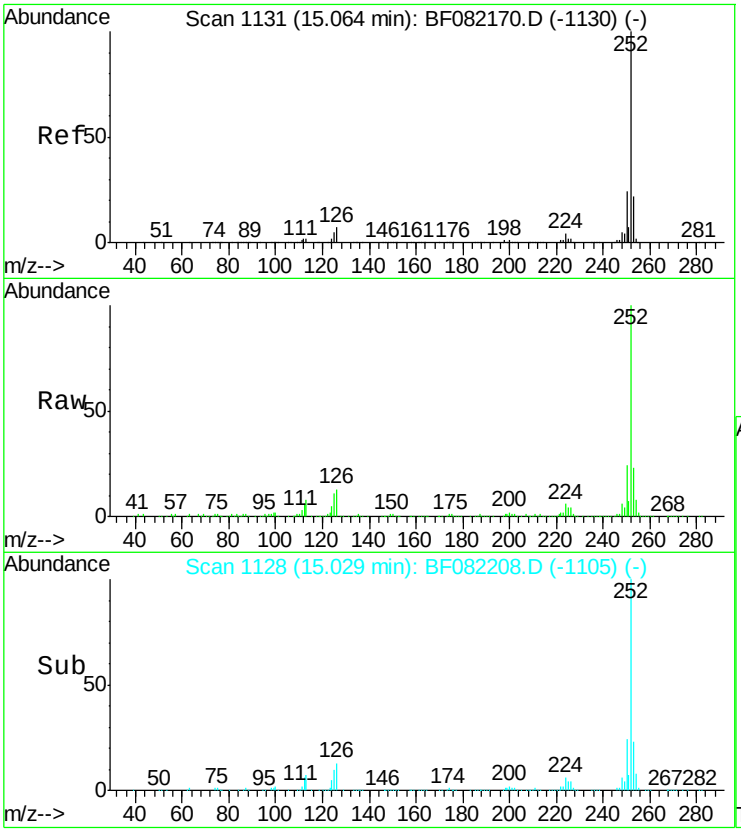


#87
Benzo(b)fluoranthene
Concen: 40.85 ng
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:252 Resp: 454735

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.7	8.6	12.8



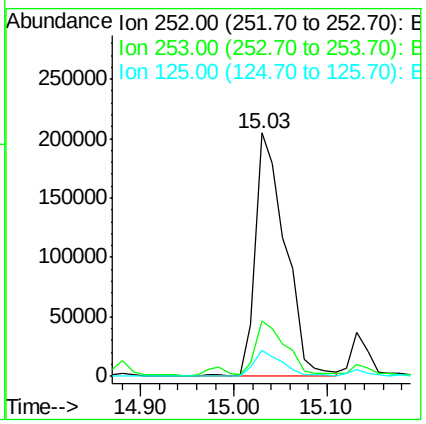


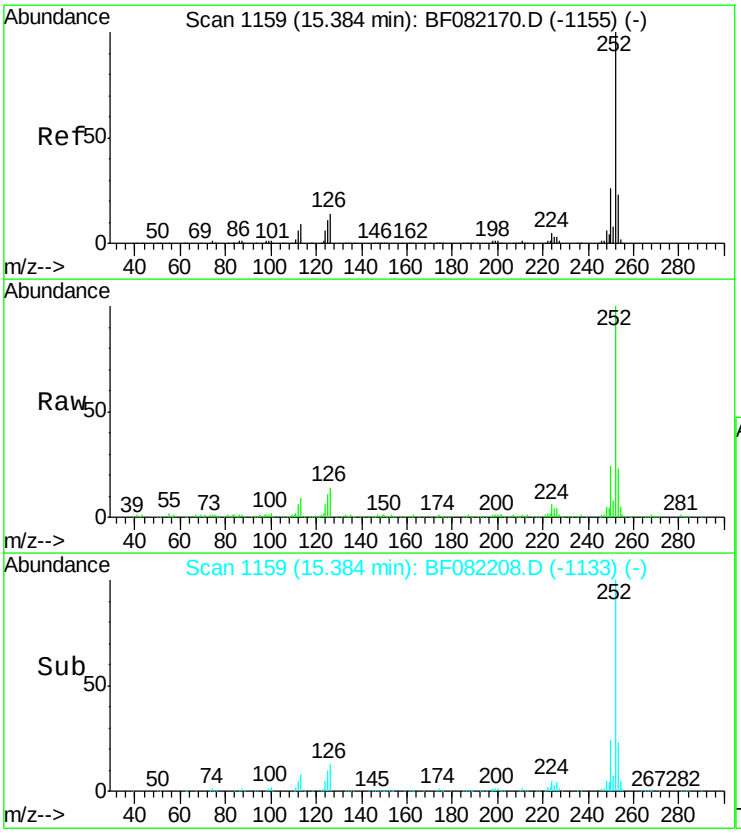
#88
Benzo(k)fluoranthene
Concen: 48.60 ng
RT: 15.03 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:252 Resp: 454735

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.7	6.7	10.1#

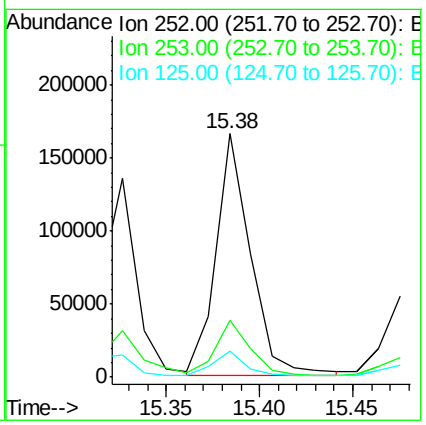


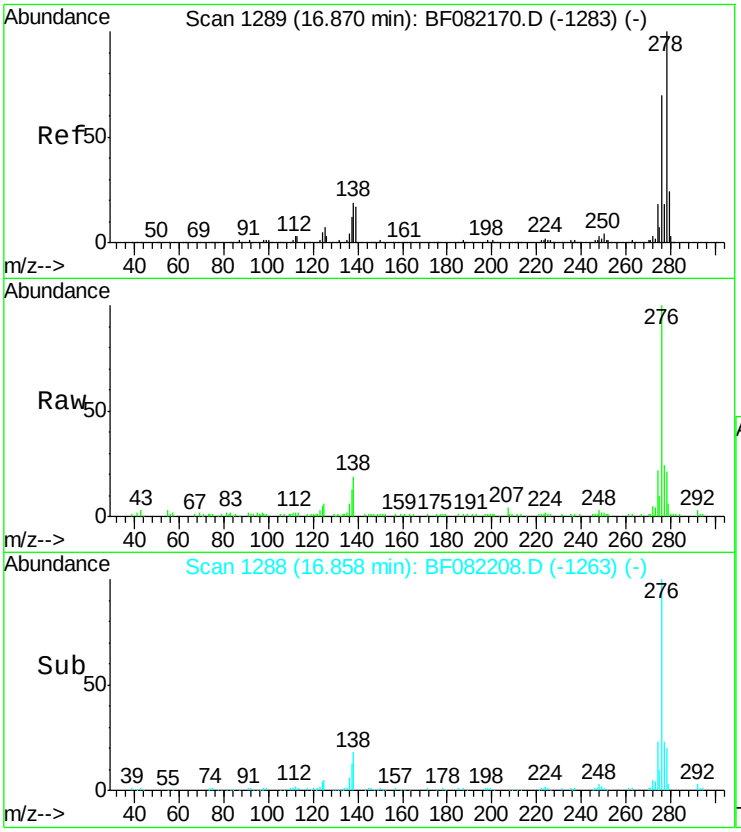


#89
Benzo(a)pyrene
Concen: 22.53 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:252 Resp: 215529

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	10.6	8.9	13.3



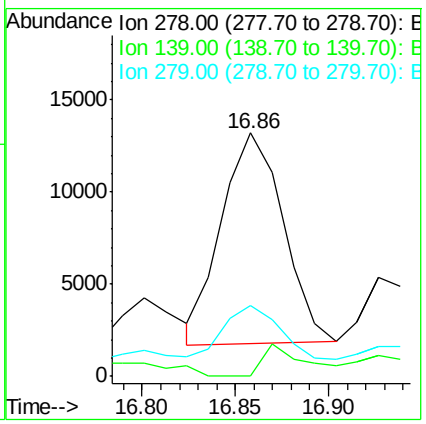


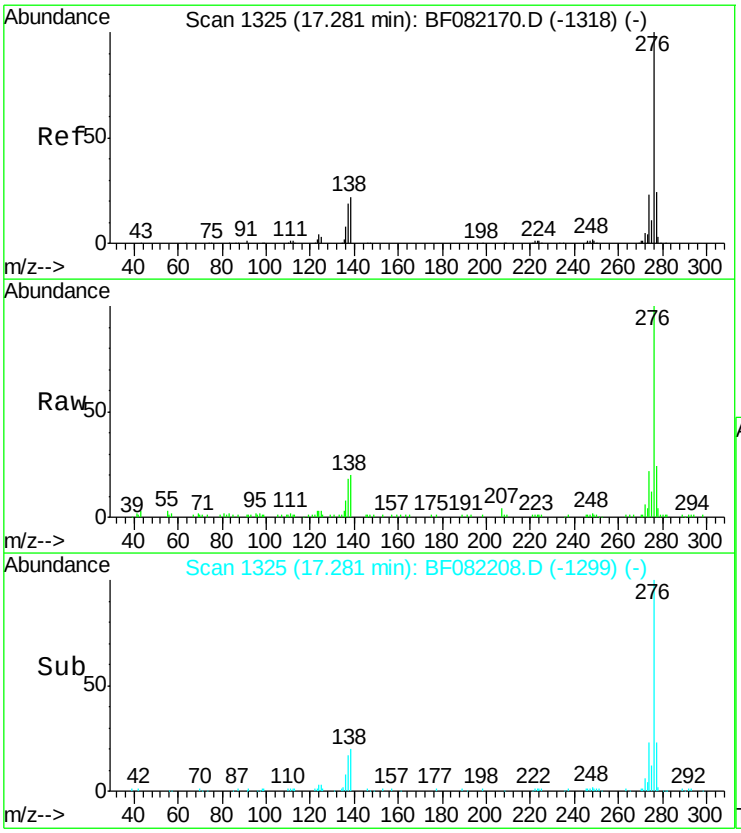
#90
Dibenzo(a,h)anthracene
Concen: 3.34 ng
RT: 16.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Instrument :
BNA_F
ClientSampleId :
A11COMP

Tgt Ion:278 Resp: 26216

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	29.3	18.9	28.3#





#91
Benzo(g,h,i)perylene
Concen: 17.78 ng
RT: 17.28 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF082208.D
Acq: 11 Oct 2015 7:10

Tgt Ion:276 Resp: 135423

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.2	17.4	26.2