Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF070115\
Data File : BF080306.D
Acq On : 2 Jul 2015 9:39
Operator : TP/UM
Sample : G2831-07DL 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-4(0-2)DL

Quant Time: Jul 02 12:03:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 03:50:52 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	43296	20.00	ng		0.00
21) Naphthalene-d8	8.55	136	178355	20.00	ng		-0.01
38) Acenaphthene-d10	10.32	164	96435	20.00	ng		0.00
63) Phenanthrene-d10	11.83	188	188323	20.00	ng		0.00
75) Chrysene-d12	14.80	240	183410	20.00	ng		0.06
86) Perylene-d12	16.67	264	178104	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.88	112	34028	13.61	ng		0.00
7) Phenol-d6	6.87	99	49329	14.70	ng		0.00
23) Nitrobenzene-d5	7.82	82	27084	8.36	ng		0.00
41) 2,4,6-Tribromophenol	11.12	330	8701	9.48	ng		0.00
44) 2-Fluorobiphenyl	9.62	172	55728	8.32	ng		-0.01
78) Terphenyl-d14	13.52	244	63703	8.14	ng		0.02
Target Compounds							Qvalue
25) Isophorone	7.82	82	27083	4.30	ng	#	65
31) Naphthalene	8.57	128	19316	2.13	ng		97
50) 2,6-Dinitrotoluene	10.32	165	12589	8.36	ng	#	43
51) Acenaphthene	10.36	154	21150	3.33	ng		95
55) 4-Nitrophenol	10.53	139	6177	4.84	ng	#	1
56) 2,4-Dinitrotoluene	10.32	165	12590	6.45	ng	#	19
57) Fluorene	10.87	166	20677	2.78	ng		96
70) Phenanthrene	11.85	178	449501	39.84	ng		99
71) Anthracene	11.90	178	80101	7.40	ng		99
72) Carbazole	12.06	167	29099	2.87	ng		99
74) Fluoranthene	13.11	202	519105	44.53	ng		95
77) Pyrene	13.37	202	556668	47.42	ng		99
80) Benzo(a)anthracene	14.79	228	280767	25.33	ng		97
82) Chrysene	14.84	228	226643	22.18	ng		98
85) Indeno(1,2,3-cd)pyrene	18.47	276	122950	10.70	ng	#	92
87) Benzo(b)fluoranthene	16.14	252	365849	32.52	ng		99
88) Benzo(k)fluoranthene	16.14	252	365849	34.53	ng		98
89) Benzo(a)pyrene	16.52	252	141930	13.84	ng		98
90) Dibenzo(a,h)anthracene	18.48	278	27469	2.86	ng		94
91) Benzo(g,h,i)perylene	19.01	276	126634	12.62	ng		98

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

Quantitation Report (Not Reviewed)

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Acq On : 2 Jul 2015 9:39
Operator : TP/UM
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
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SP-4(0-2)DL

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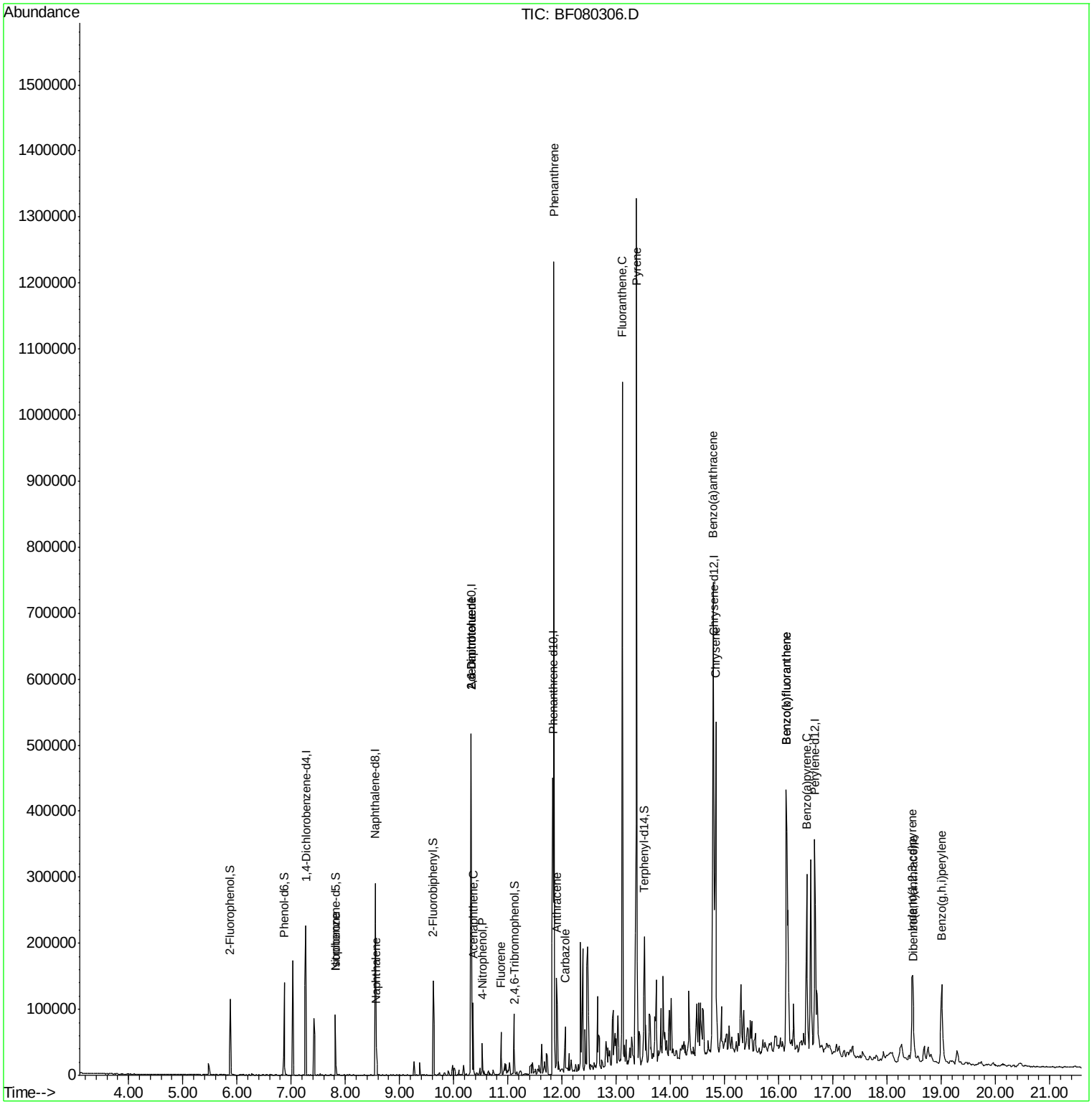
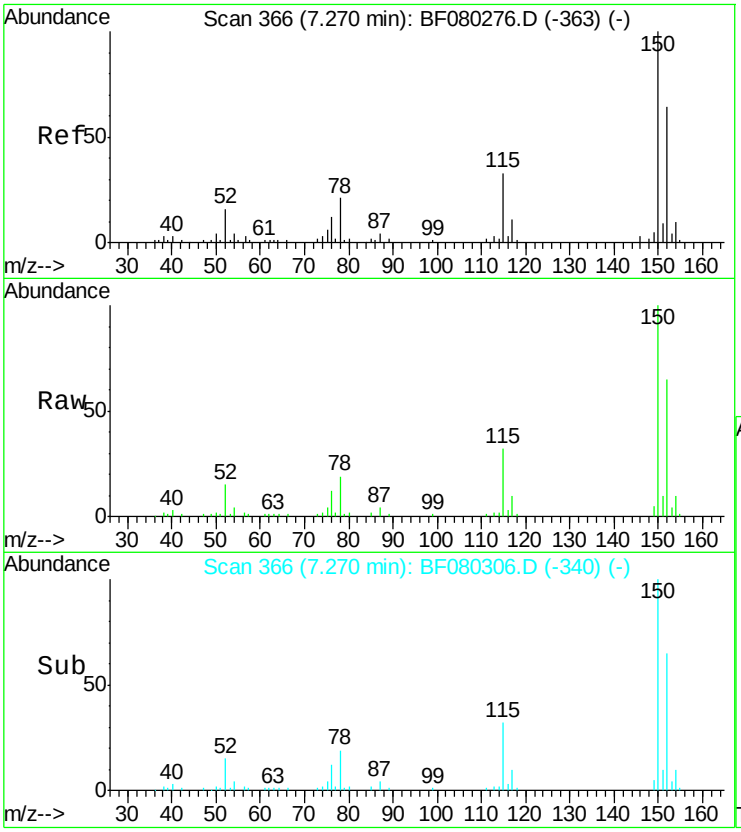
Response via : Initial Calibration



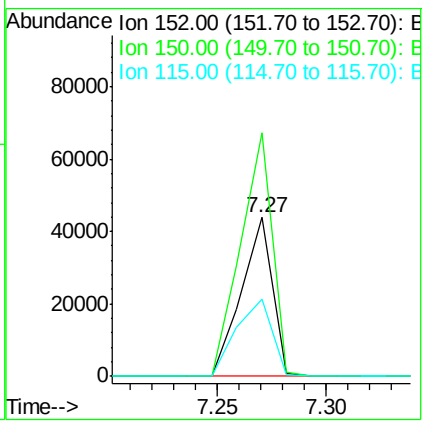


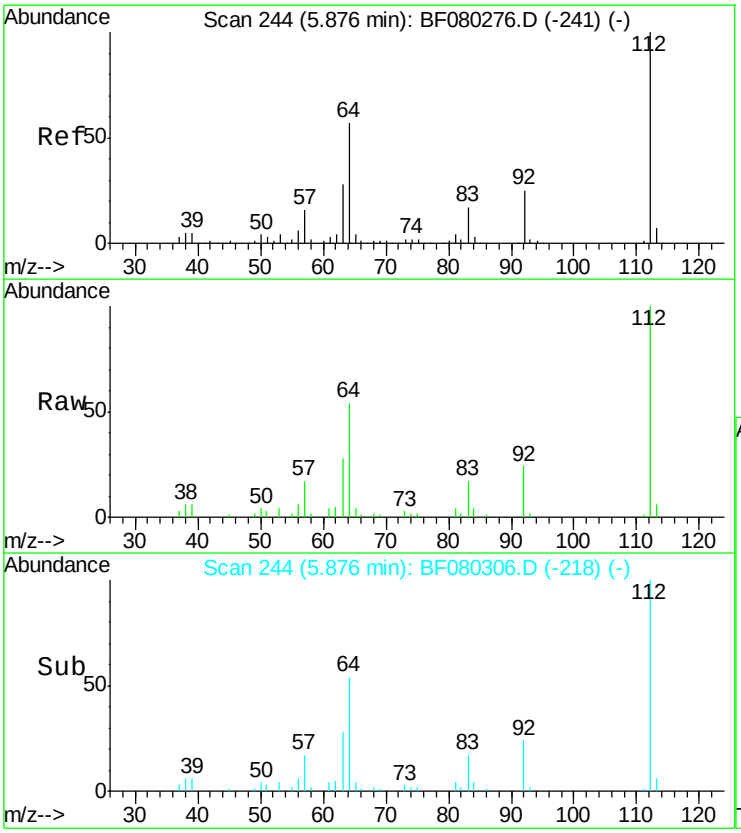
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 366
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:152 Resp: 43296

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.7	187.1
115	48.6	41.0	61.6

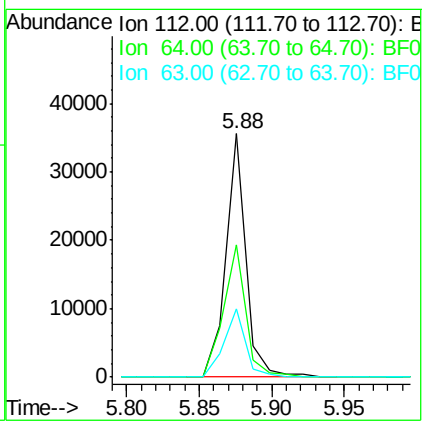


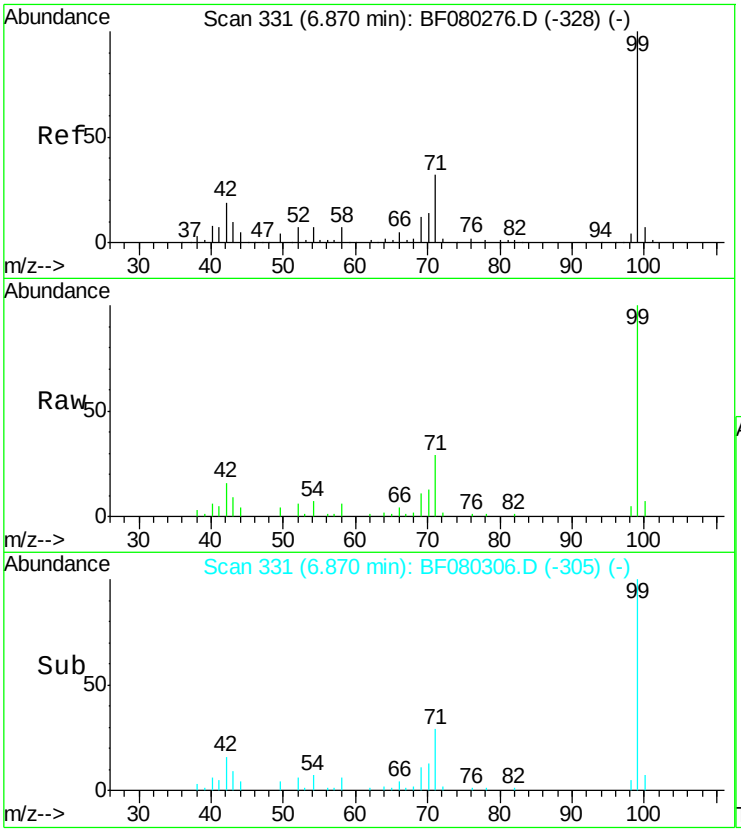


#5
2-Fluorophenol
Concen: 13.61 ng
RT: 5.88 min Scan# 244
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:112 Resp: 34028

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.5	68.3
63	27.8	22.4	33.6



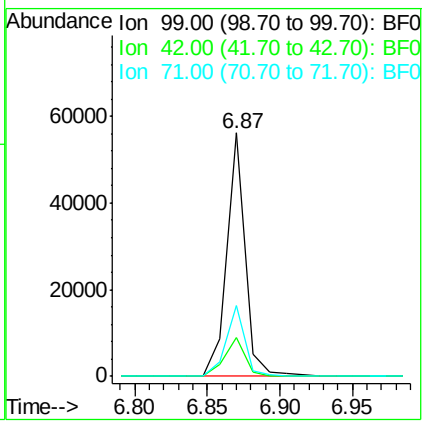


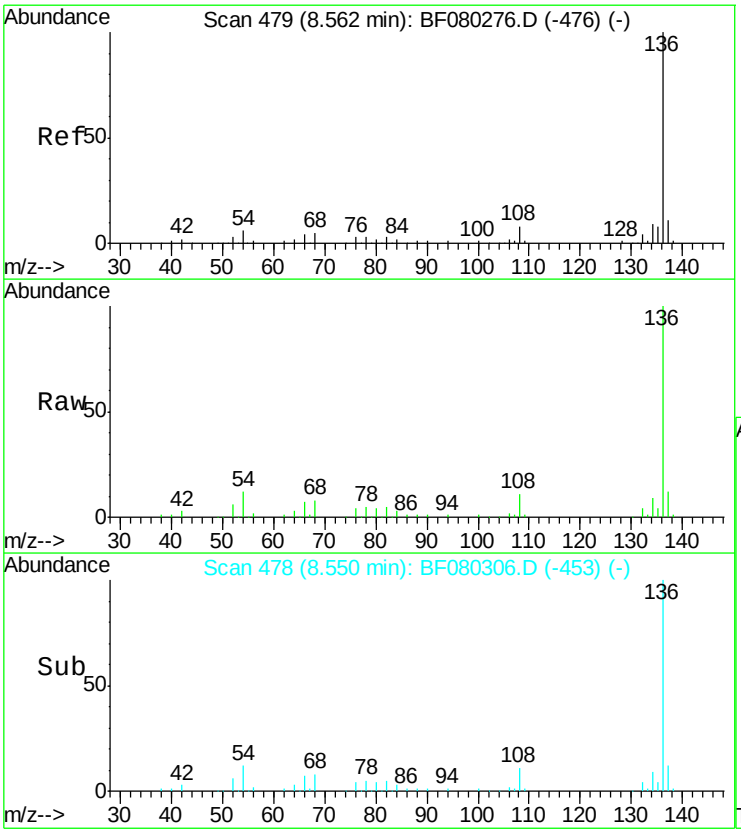
#7
Phenol-d6
Concen: 14.70 ng
RT: 6.87 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion: 99 Resp: 49329

Ion	Ratio	Lower	Upper
99	100		
42	16.2	15.4	23.2
71	28.8	25.8	38.8

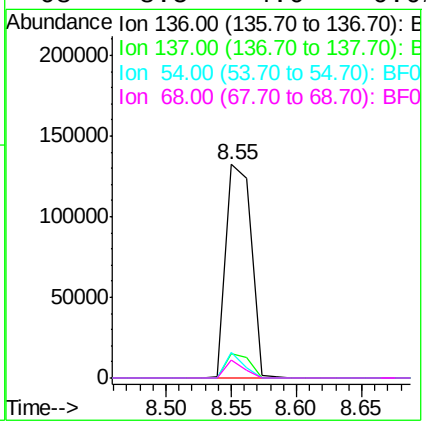


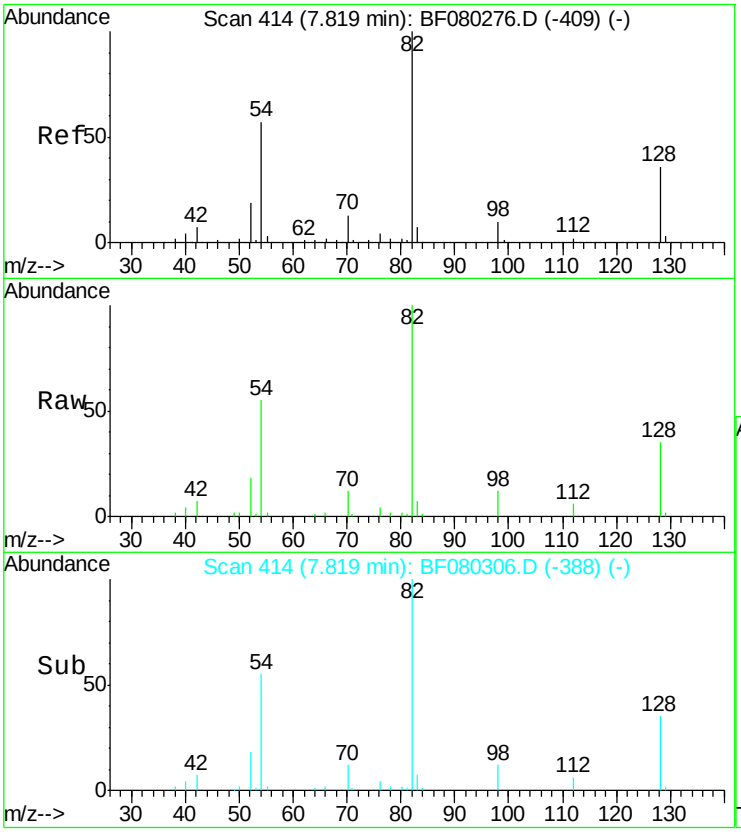


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.55 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:136 Resp: 178355

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.4	12.6
54	12.2	4.9	7.3#
68	8.5	4.0	6.0#



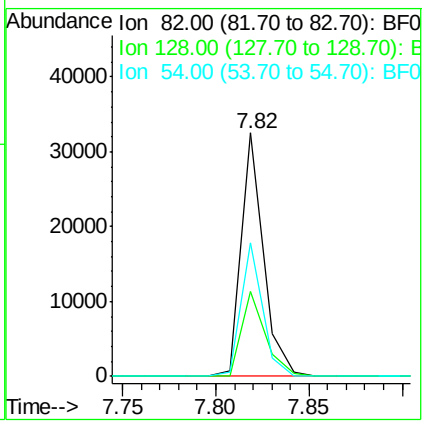


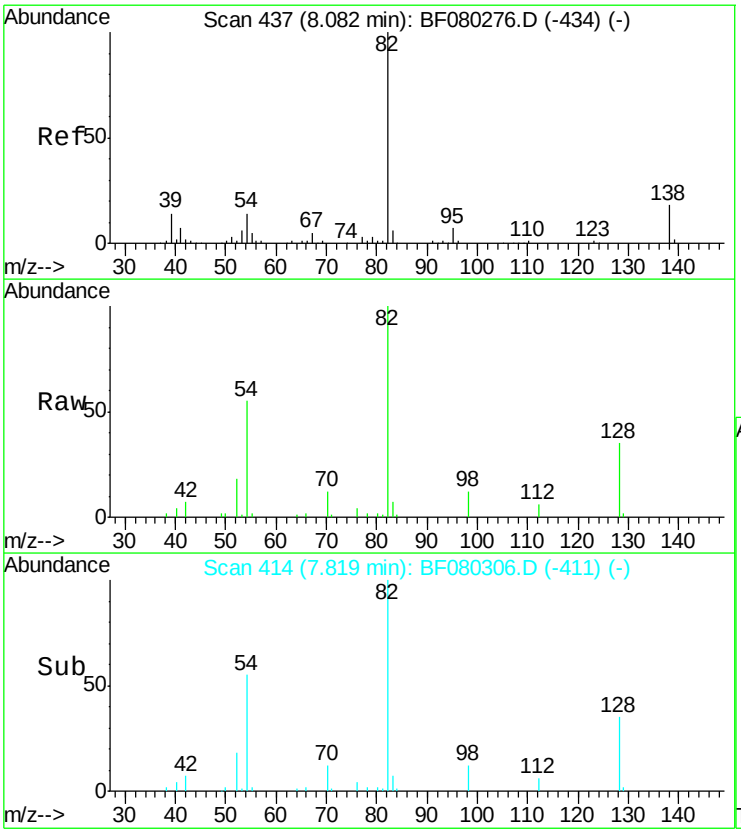
#23
Nitrobenzene-d5
Concen: 8.36 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion: 82 Resp: 27084

Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.0	43.4
54	54.8	45.3	67.9

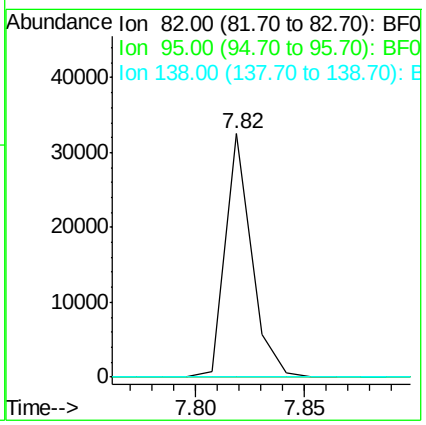


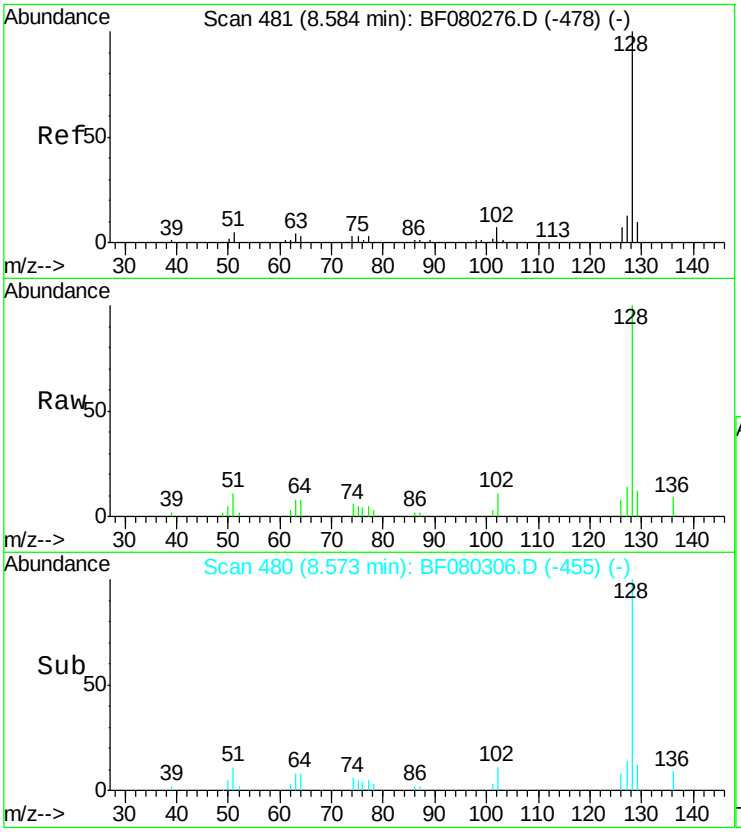


#25
Isophorone
Concen: 4.30 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.26 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion: 82 Resp: 27083

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	14.4	21.6#



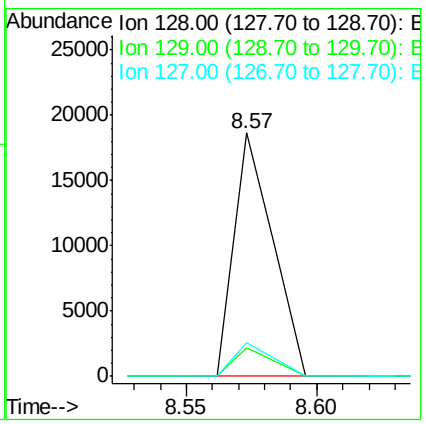


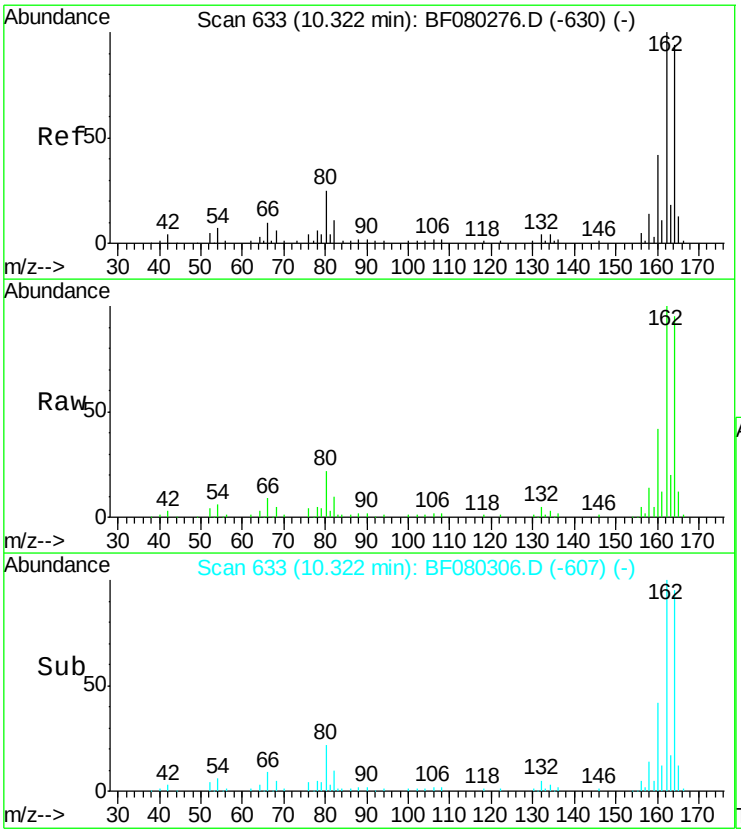
#31
Naphthalene
Concen: 2.13 ng
RT: 8.57 min Scan# 480
Delta R.T. -0.01 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:128 Resp: 19316

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.2	12.4
127	13.7	10.4	15.6

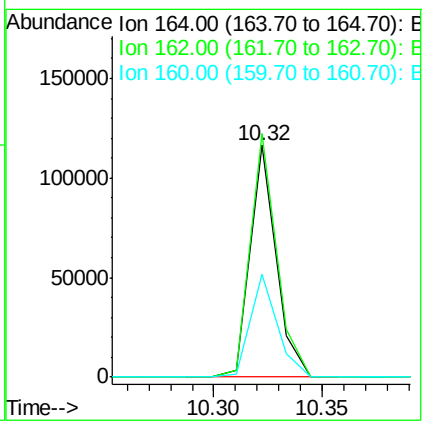


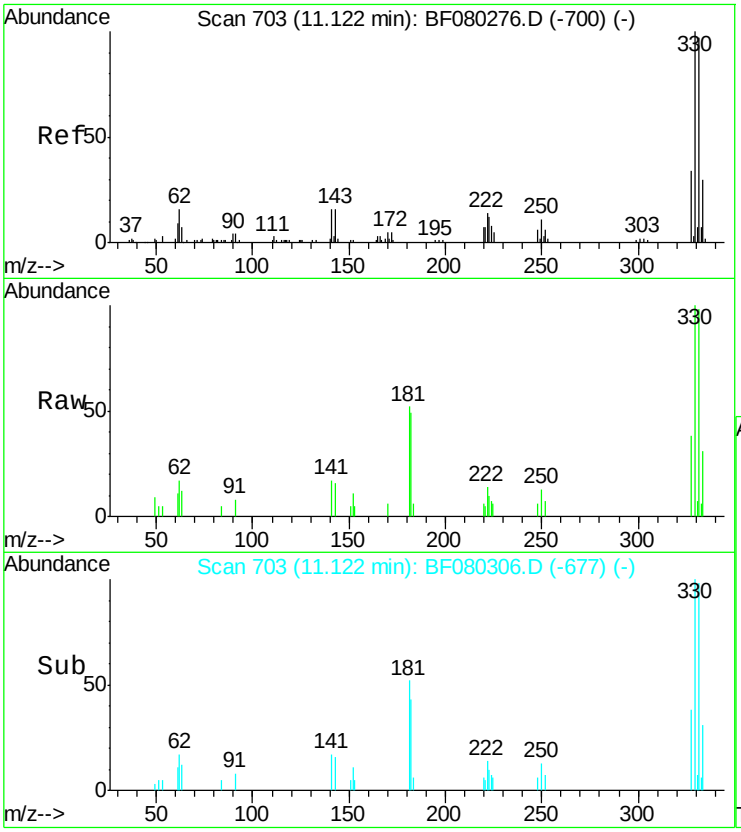


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:164 Resp: 96435

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.8	127.2
160	44.5	35.8	53.8



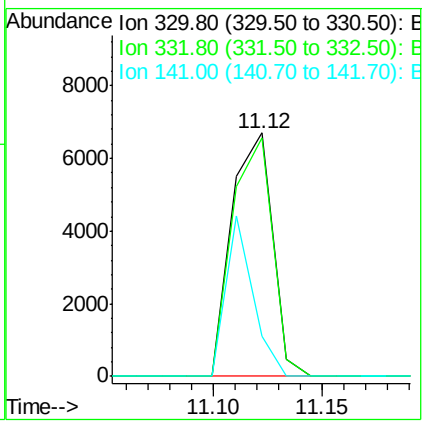


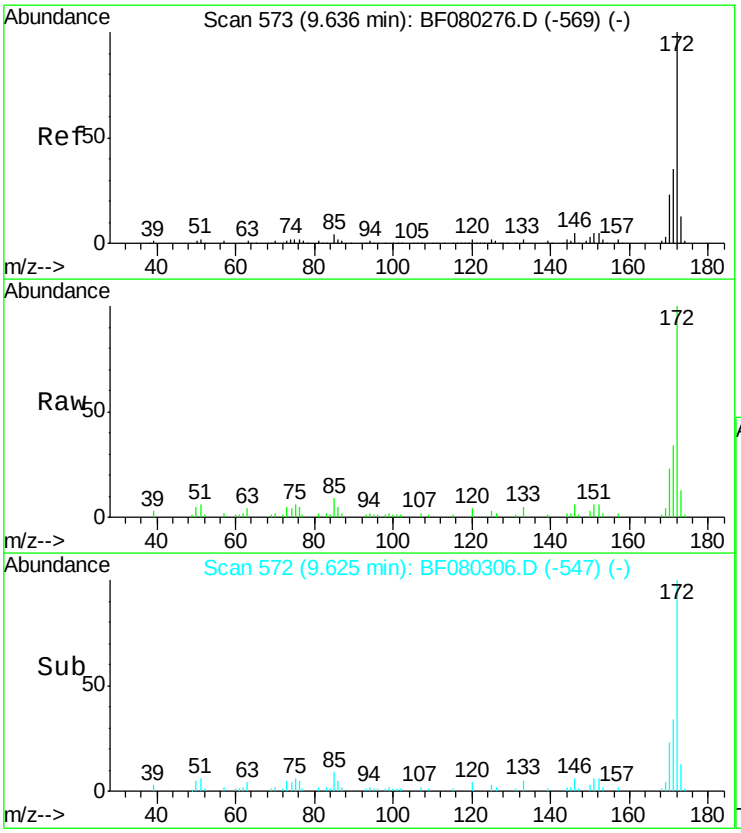
#41
2,4,6-Tribromophenol
Concen: 9.48 ng
RT: 11.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:330 Resp: 8701

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	43.6	28.0	42.0#

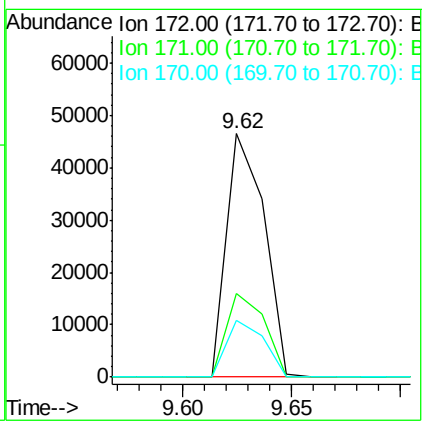


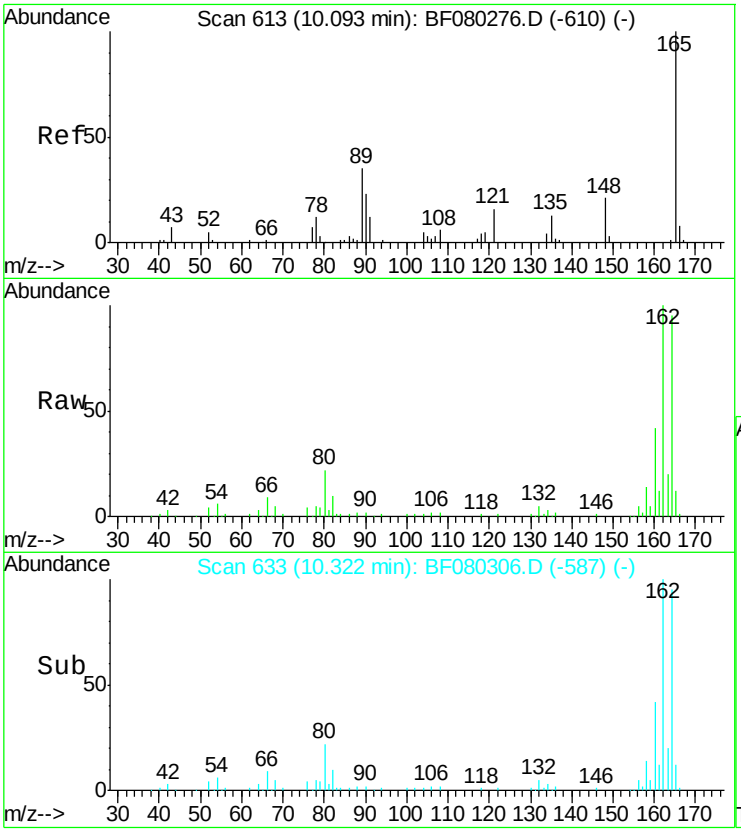


#44
2-Fluorobiphenyl
Concen: 8.32 ng
RT: 9.62 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:172 Resp: 55728

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.1	42.1
170	23.2	18.6	28.0



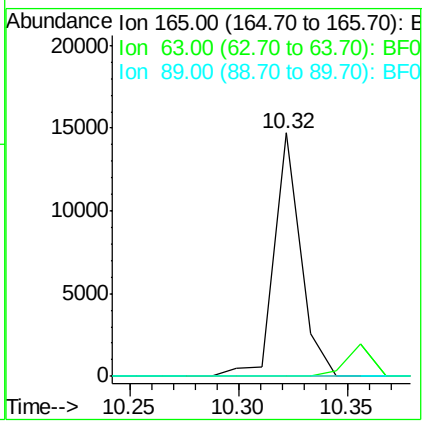


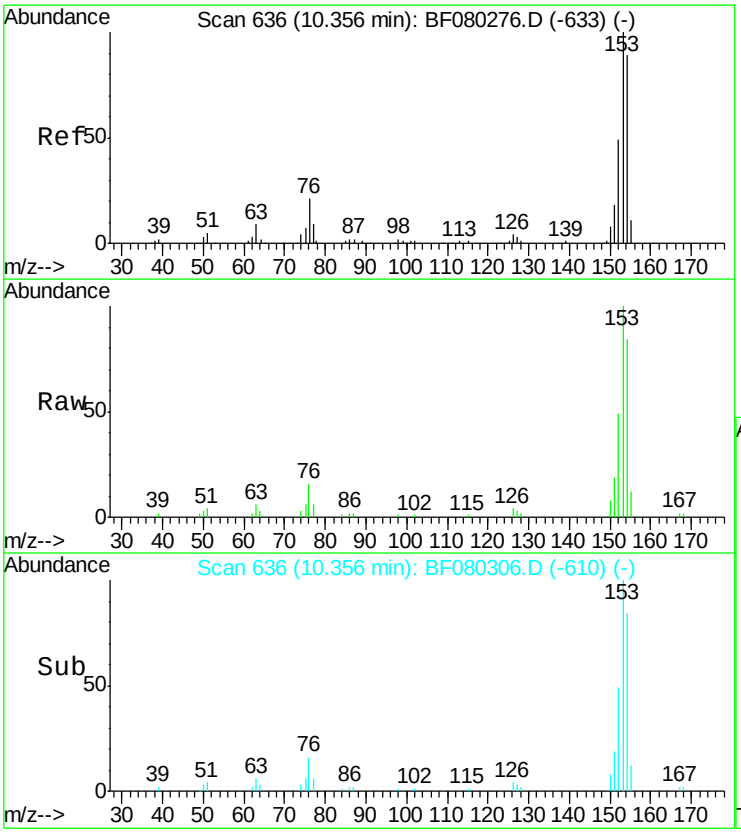
#50
2,6-Dinitrotoluene
Concen: 8.36 ng
RT: 10.32 min Scan# 633
Delta R.T. 0.23 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:165 Resp: 12589

Ion	Ratio	Lower	Upper
165	100		
63	0.0	23.4	35.0#
89	0.0	27.7	41.5#

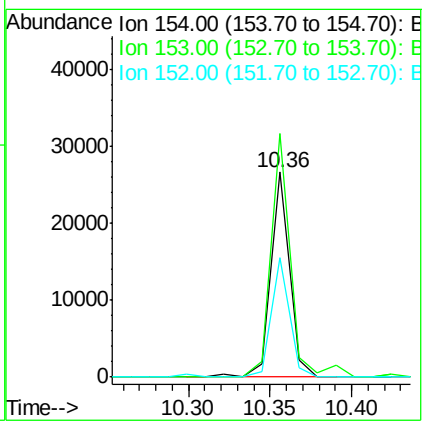


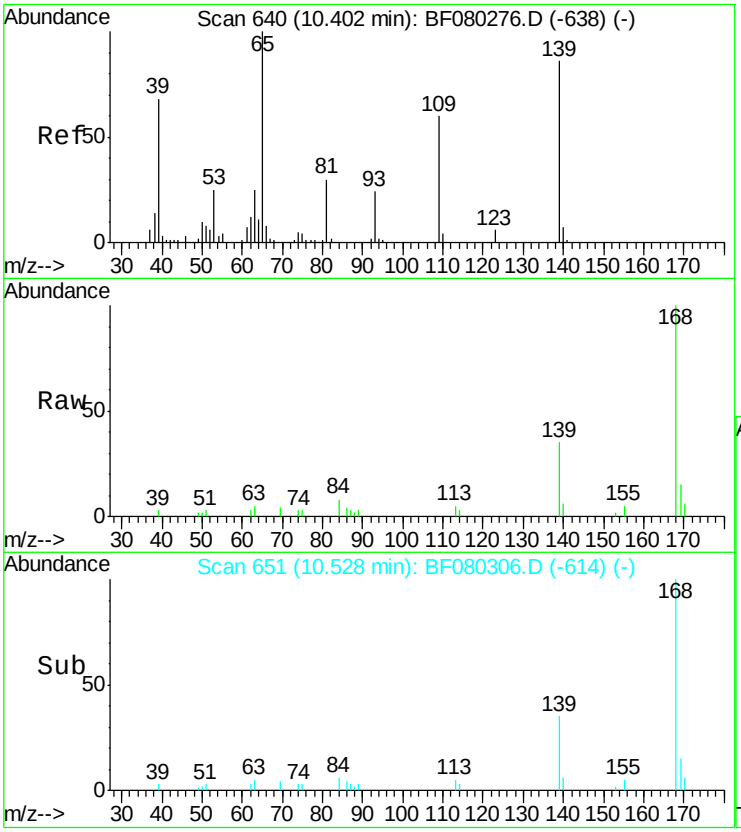


#51
Acenaphthene
Concen: 3.33 ng
RT: 10.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:154 Resp: 21150

Ion	Ratio	Lower	Upper
154	100		
153	119.0	90.4	135.6
152	58.2	43.9	65.9



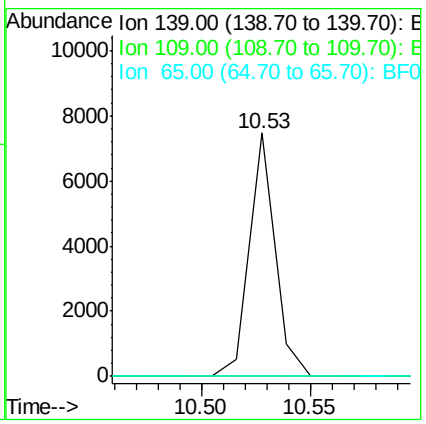


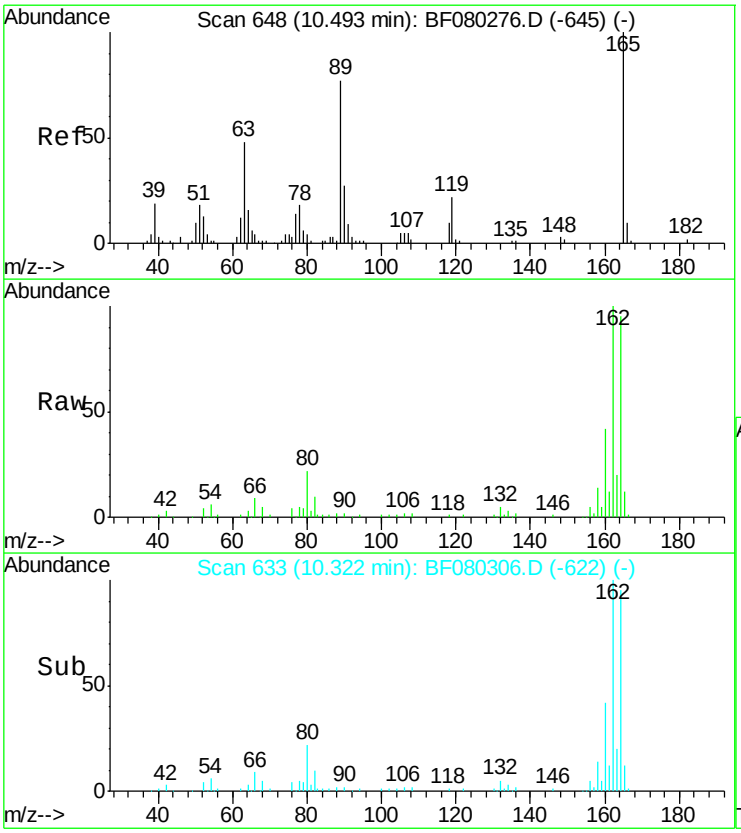
#55
4-Nitrophenol
Concen: 4.84 ng
RT: 10.53 min Scan# 651
Delta R.T. 0.13 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:139 Resp: 6177

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.2	90.2#
65	0.0	96.7	136.7#

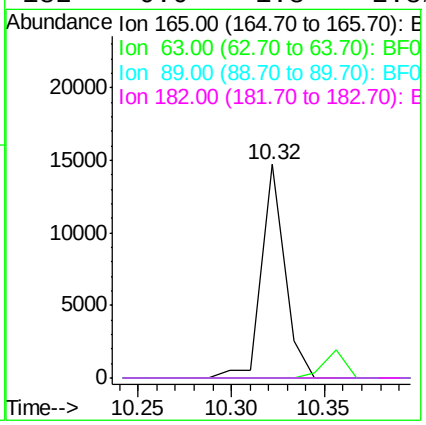


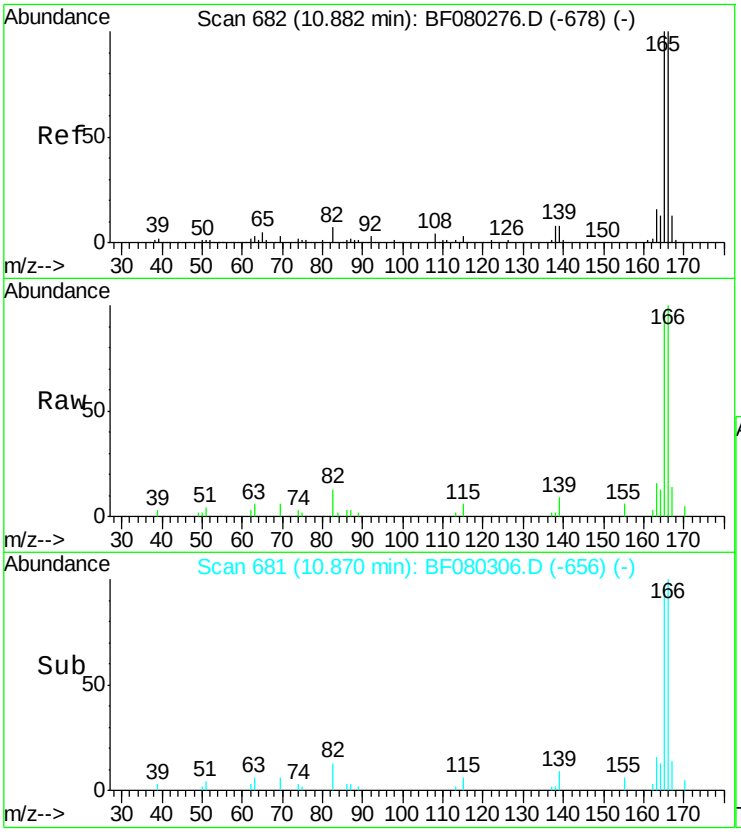


#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 10.32 min Scan# 633
Delta R.T. -0.17 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:165 Resp: 12590

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	0.0	62.0	93.0#
182	0.0	1.8	2.8#



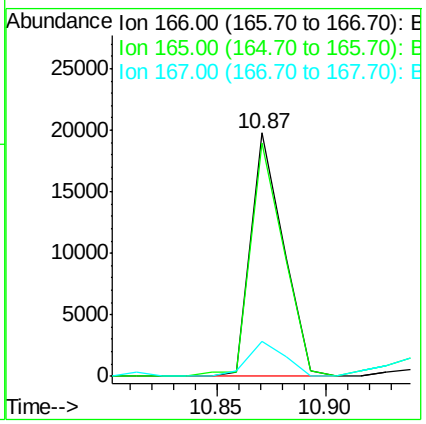


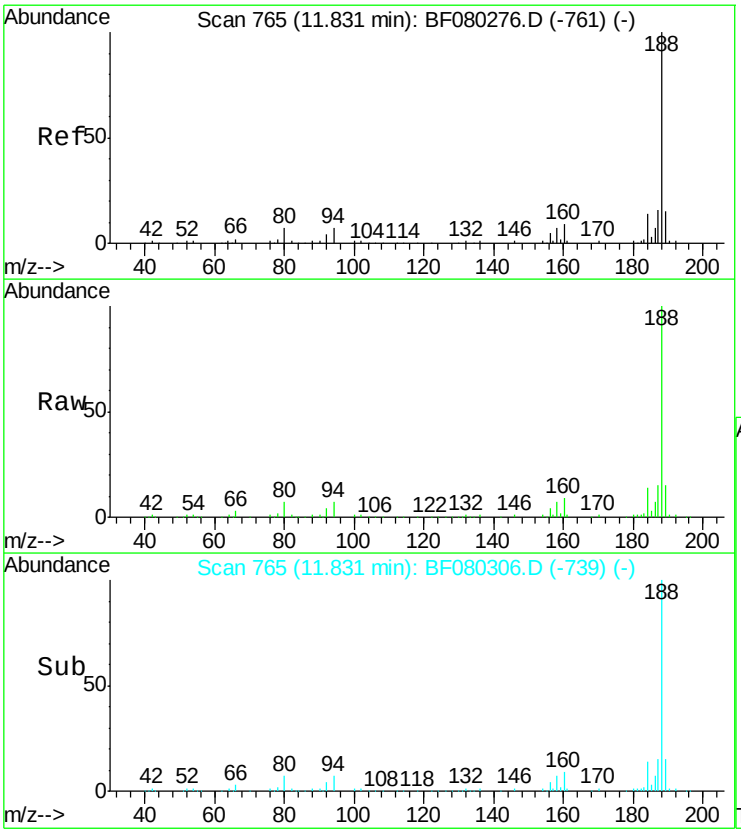
#57
Fluorene
Concen: 2.78 ng
RT: 10.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:166 Resp: 20677

Ion	Ratio	Lower	Upper
166	100		
165	95.7	79.9	119.9
167	14.3	10.3	15.5

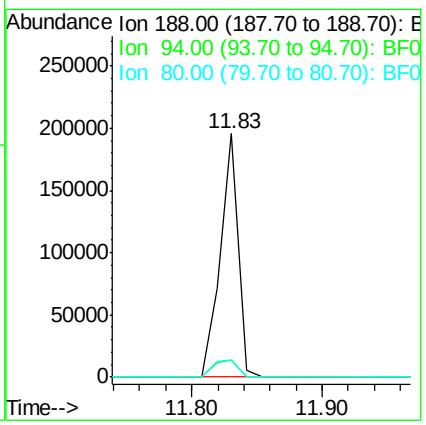


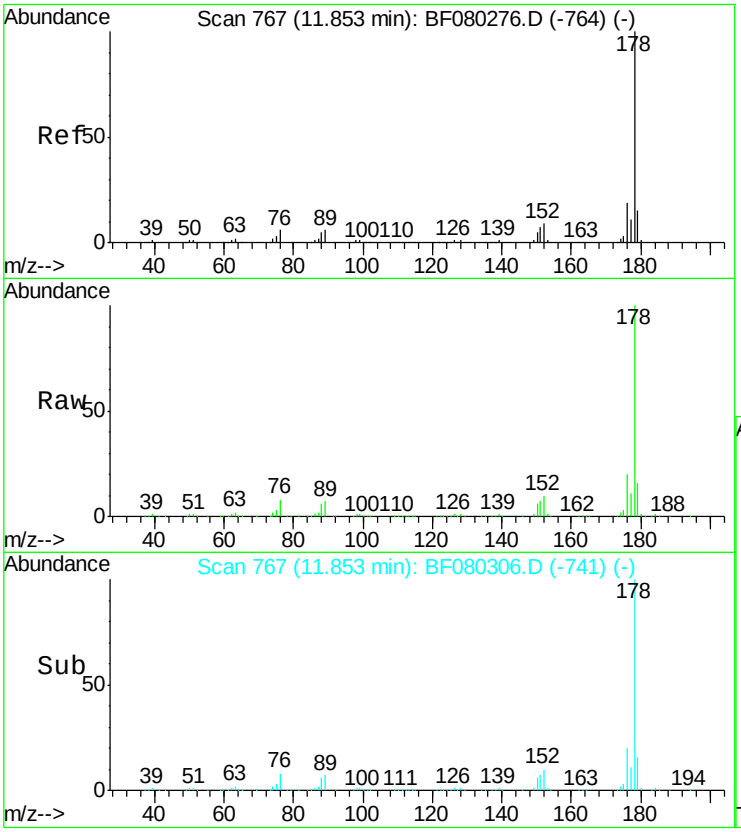


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:188 Resp: 188323

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.4	8.0
80	7.2	5.8	8.6



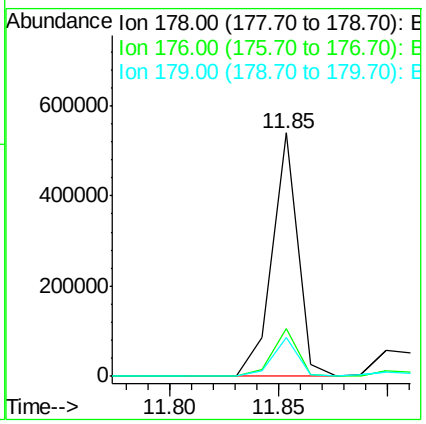


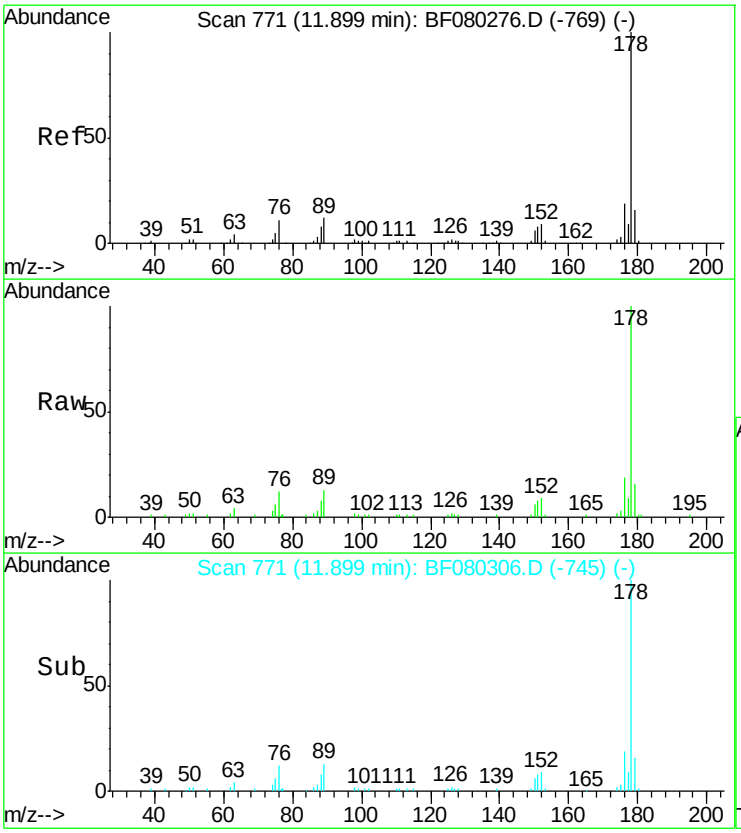
#70
Phenanthrene
Concen: 39.84 ng
RT: 11.85 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:178 Resp: 449501

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.0	12.2	18.2

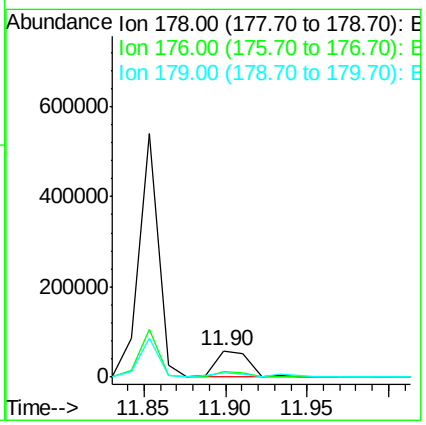


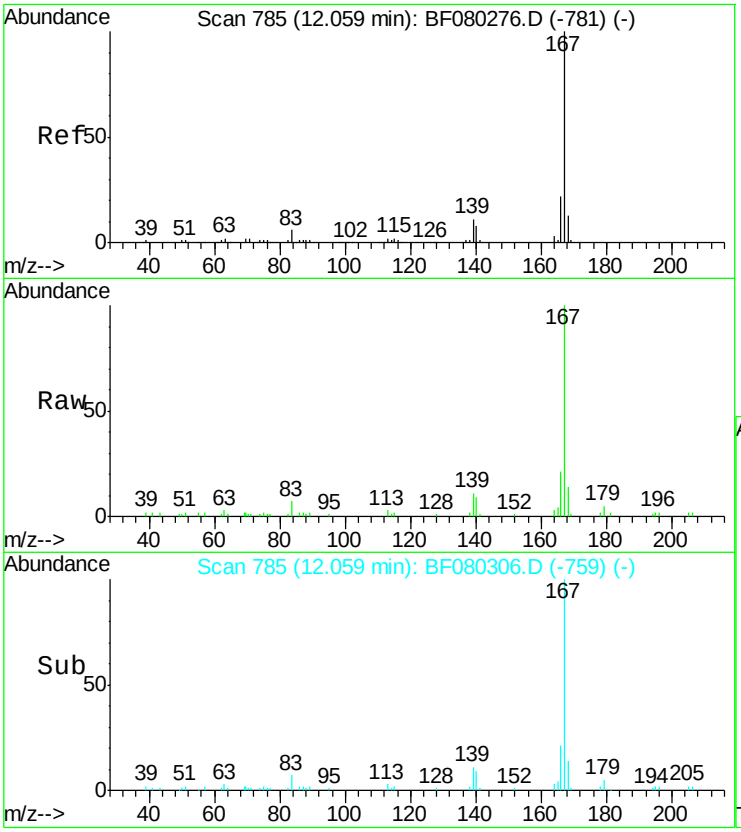


#71
Anthracene
Concen: 7.40 ng
RT: 11.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:178 Resp: 80101

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	16.4	12.6	18.8



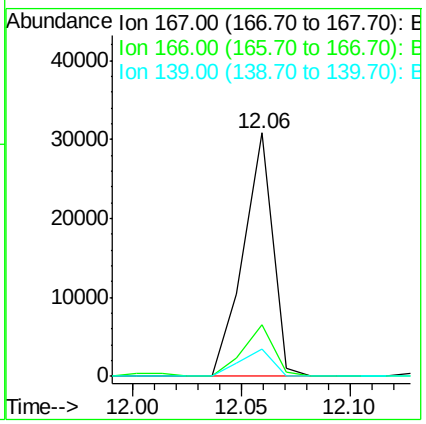


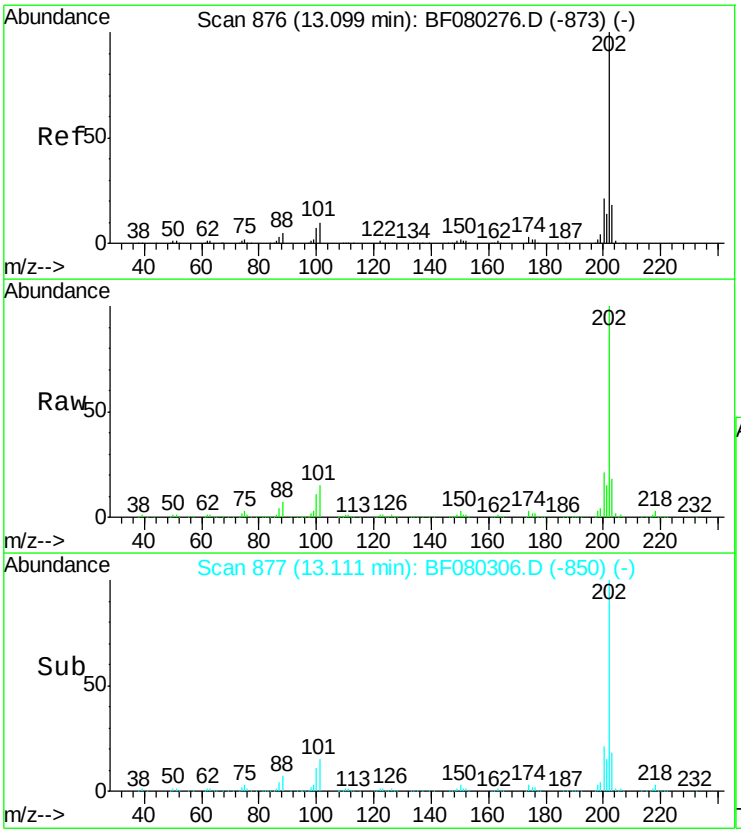
#72
Carbazole
Concen: 2.87 ng
RT: 12.06 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:167 Resp: 29099

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.3	25.9
139	11.4	8.6	13.0

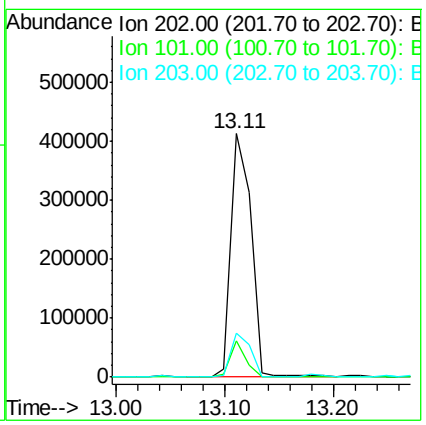


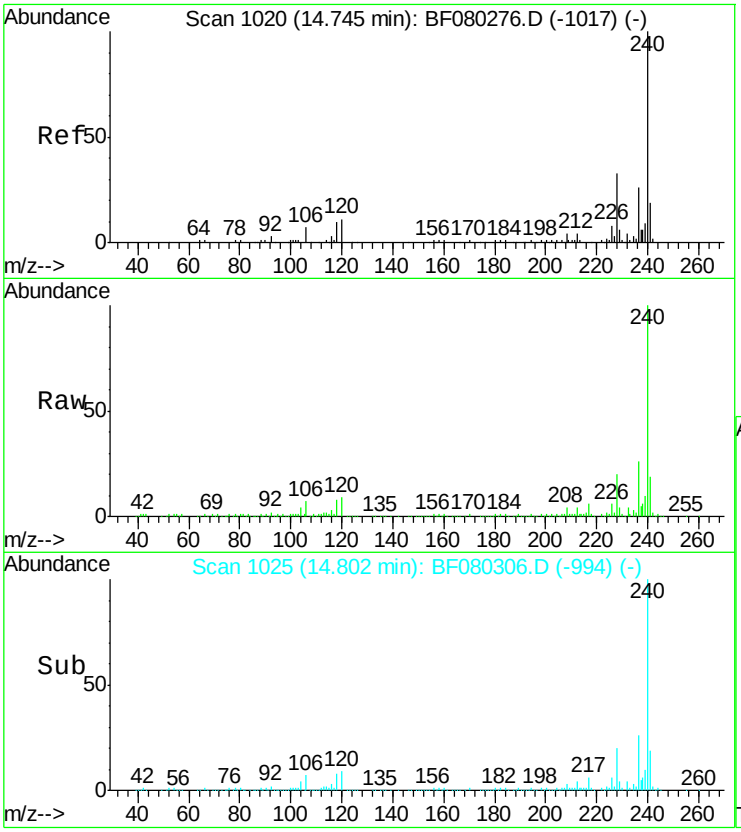


#74
Fluoranthene
Concen: 44.53 ng
RT: 13.11 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:202 Resp: 519105

Ion	Ratio	Lower	Upper
202	100		
101	15.1	0.0	30.4
203	17.9	0.0	37.5



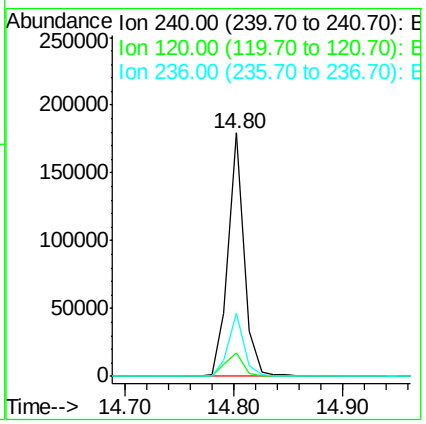


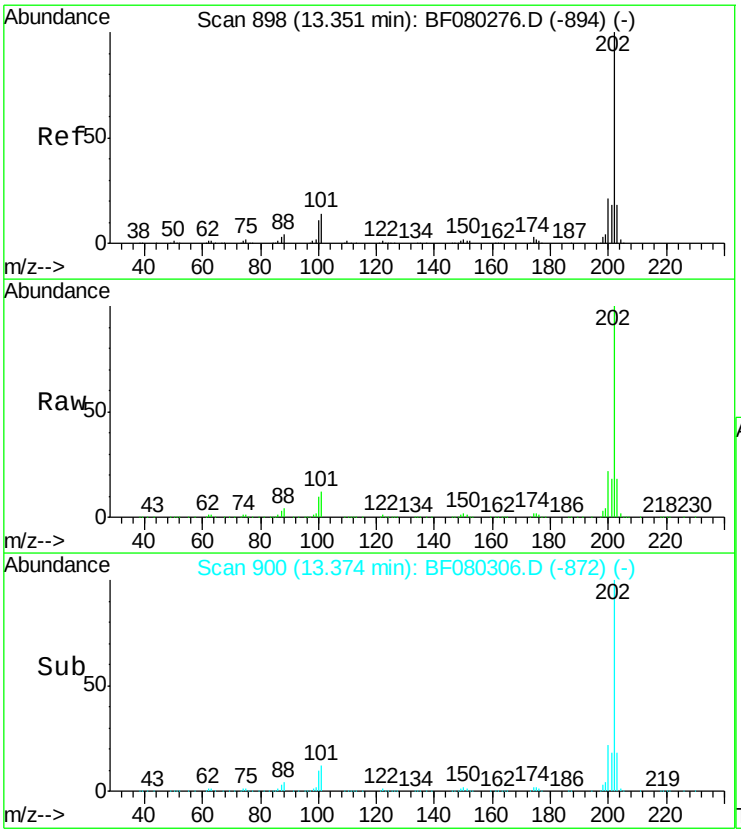
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1025
Delta R.T. 0.06 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:240 Resp: 183410

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.7	13.1
236	25.7	20.9	31.3

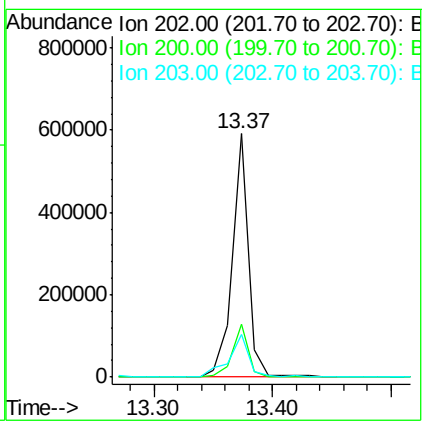


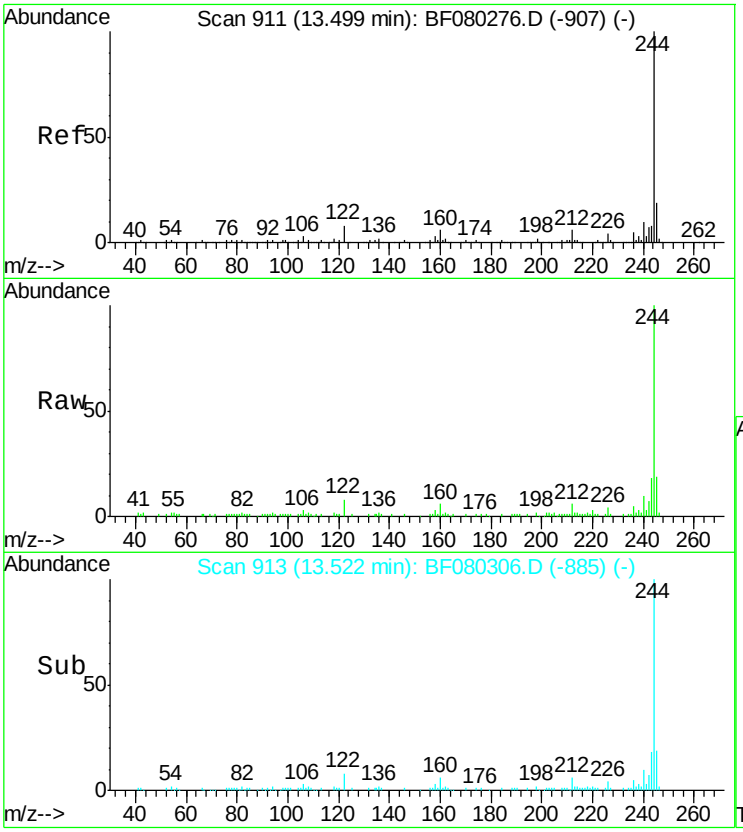


#77
Pyrene
Concen: 47.42 ng
RT: 13.37 min Scan# 900
Delta R.T. 0.02 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:202 Resp: 556668

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.0	25.6
203	17.7	14.0	21.0



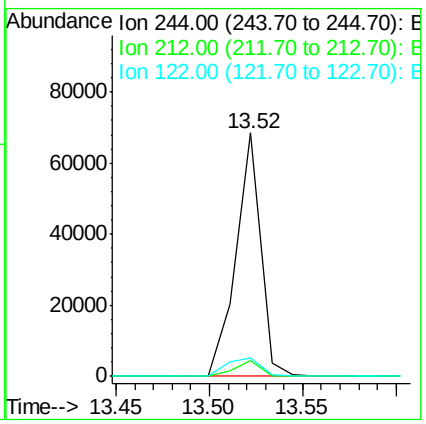


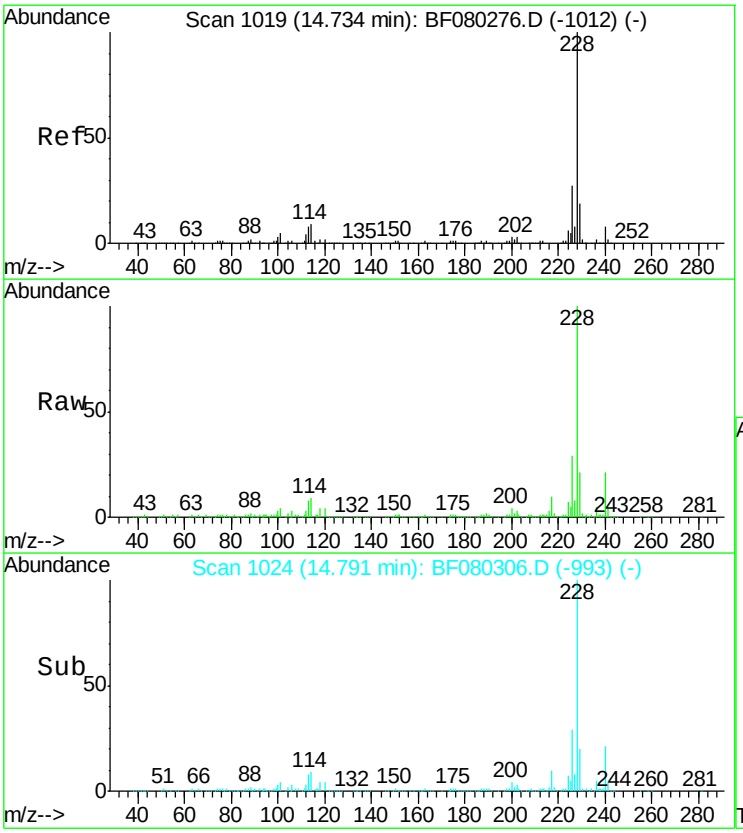
#78
Terphenyl-d14
Concen: 8.14 ng
RT: 13.52 min Scan# 913
Delta R.T. 0.02 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:244 Resp: 63703

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.6
122	7.6	6.6	9.8

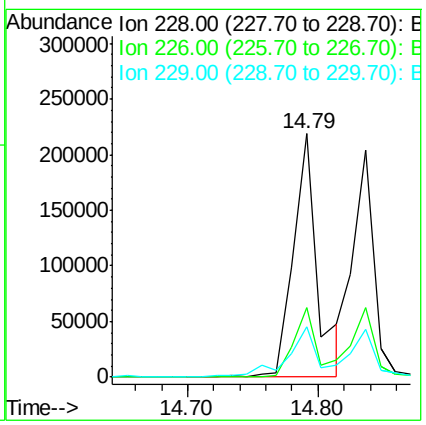


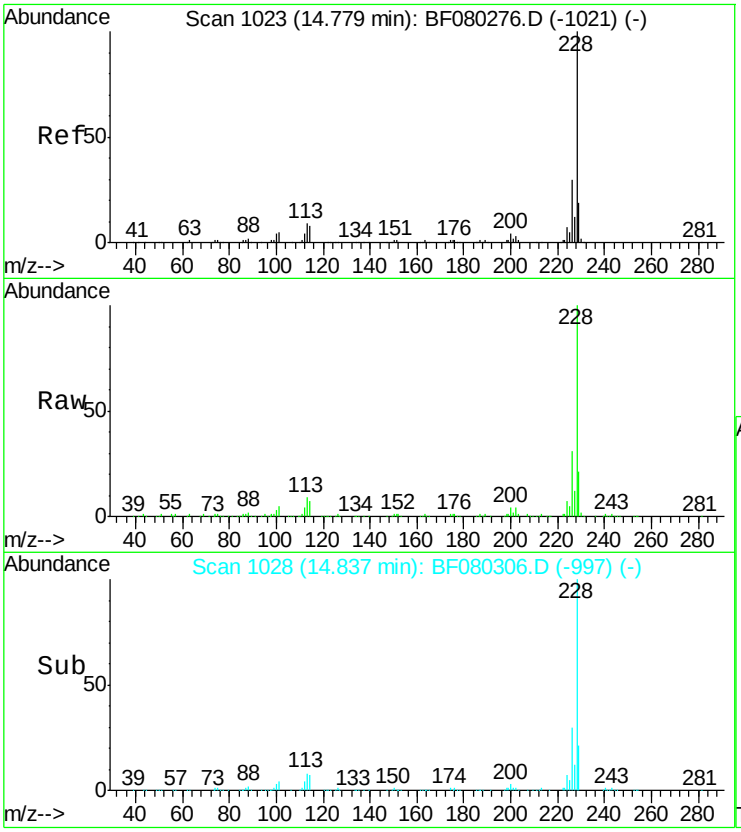


#80
Benzo(a)anthracene
Concen: 25.33 ng
RT: 14.79 min Scan# 1024
Delta R.T. 0.06 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:228 Resp: 280767

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.7	32.5
229	20.6	15.5	23.3



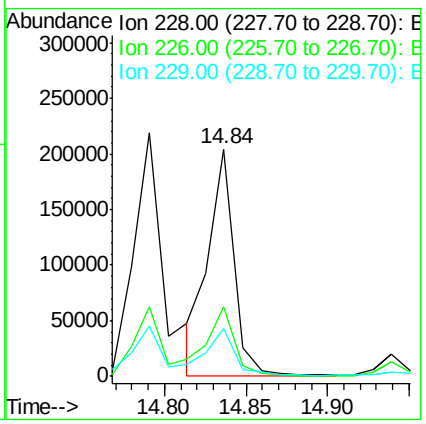


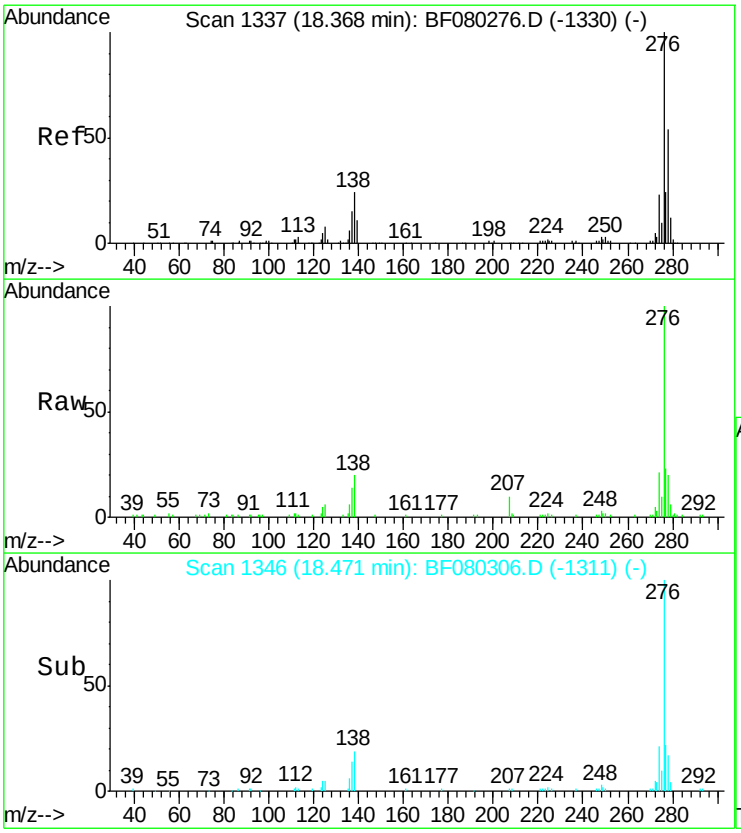
#82
Chrysene
Concen: 22.18 ng
RT: 14.84 min Scan# 1028
Delta R.T. 0.06 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:228 Resp: 226643

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.0	15.4	23.0

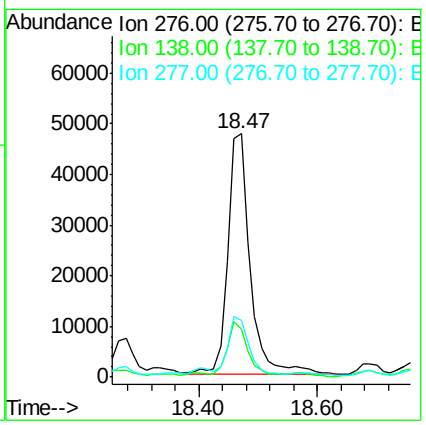


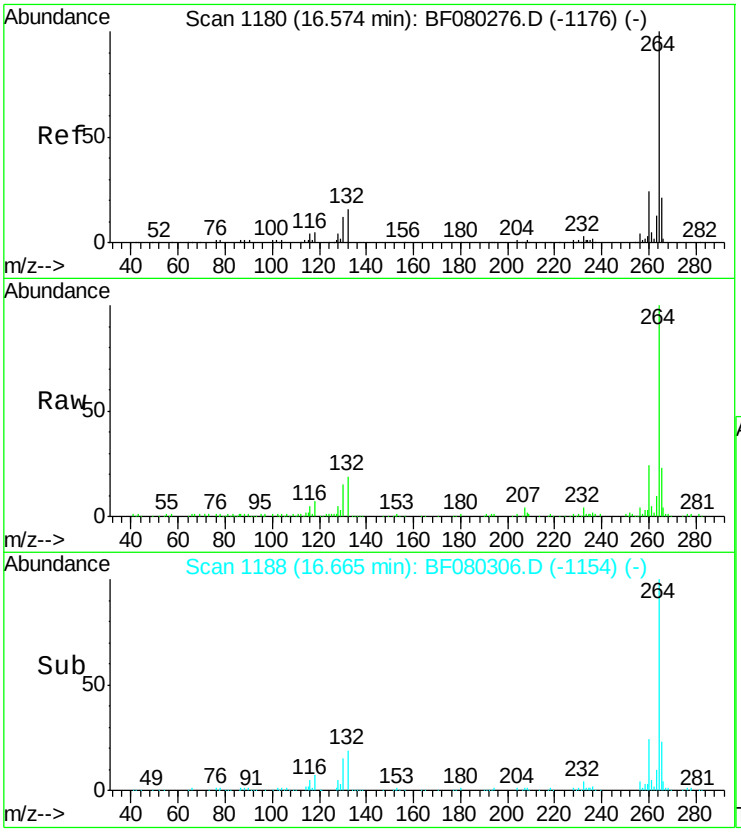


#85
Indeno(1,2,3-cd)pyrene
Concen: 10.70 ng
RT: 18.47 min Scan# 1346
Delta R.T. 0.10 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:276 Resp: 122950

Ion	Ratio	Lower	Upper
276	100		
138	20.7	21.0	31.6#
277	22.3	19.4	29.0



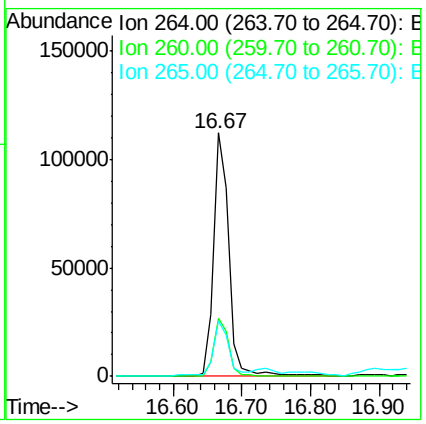


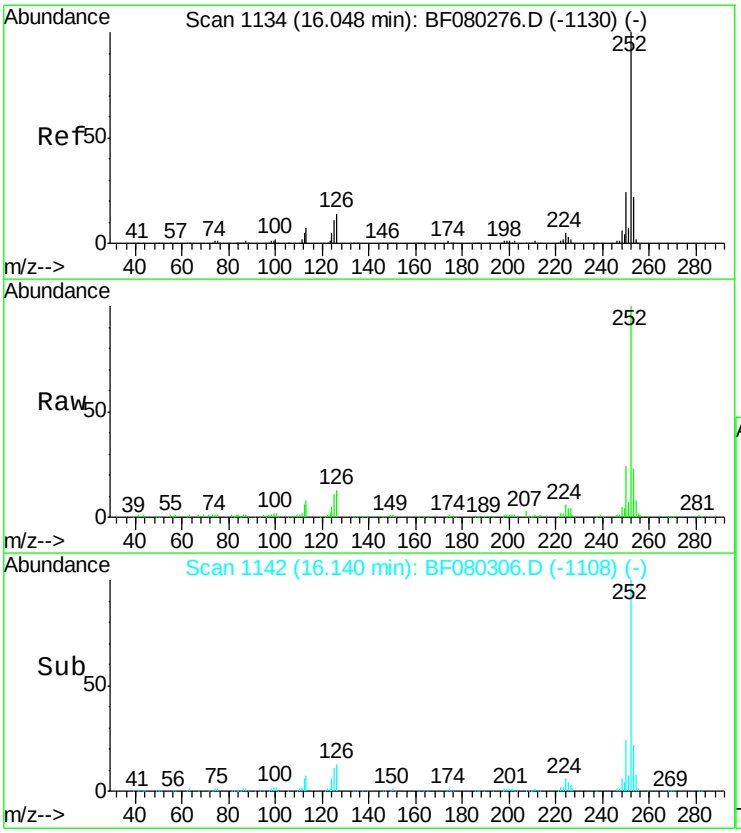
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.67 min Scan# 1188
Delta R.T. 0.09 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:264 Resp: 178104

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.6	16.9	25.3

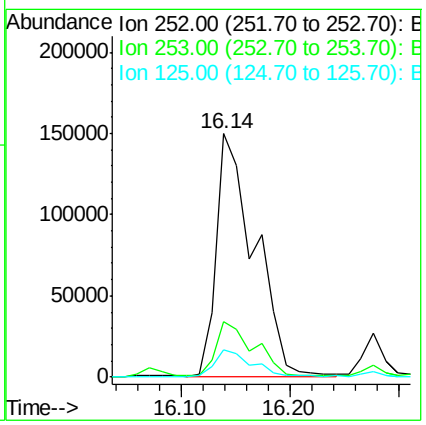


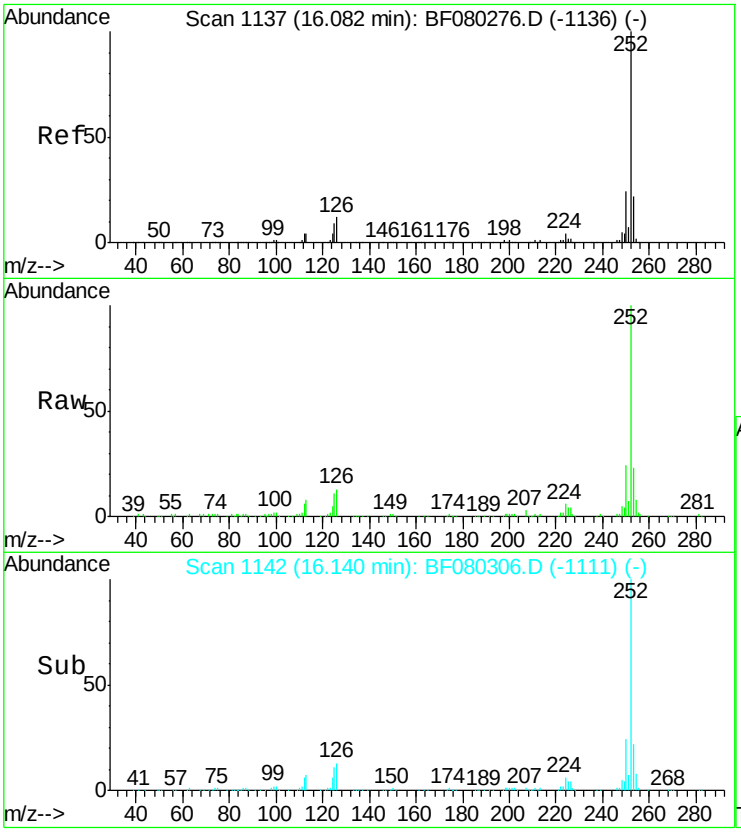


#87
Benzo(b)fluoranthene
Concen: 32.52 ng
RT: 16.14 min Scan# 1142
Delta R.T. 0.09 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:252 Resp: 365849

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.1	8.6	12.8



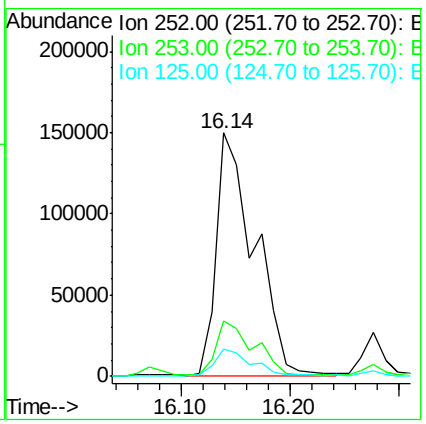


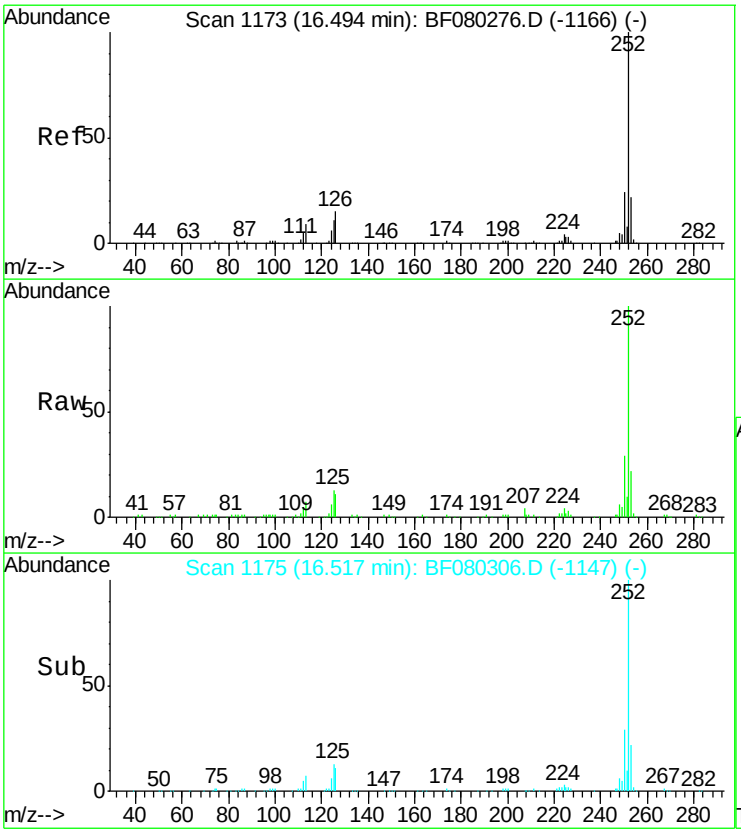
#88
Benzo(k)fluoranthene
Concen: 34.53 ng
RT: 16.14 min Scan# 1142
Delta R.T. 0.06 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:252 Resp: 365849

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	11.1	8.4	12.6

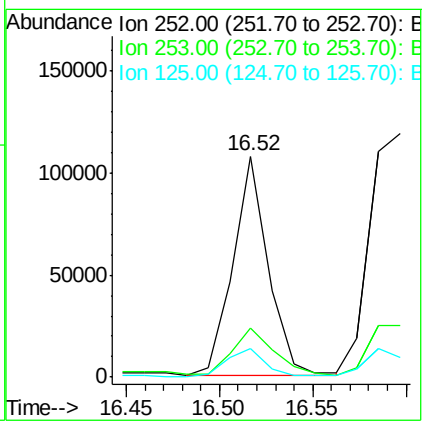


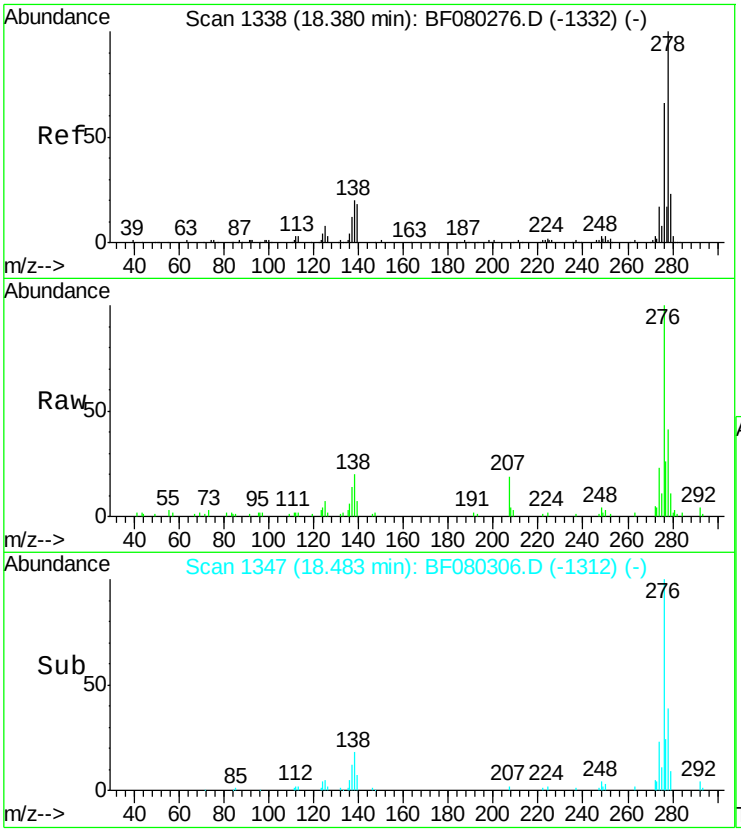


#89
Benzo(a)pyrene
Concen: 13.84 ng
RT: 16.52 min Scan# 1175
Delta R.T. 0.02 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:252 Resp: 141930

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.0	9.0	13.4



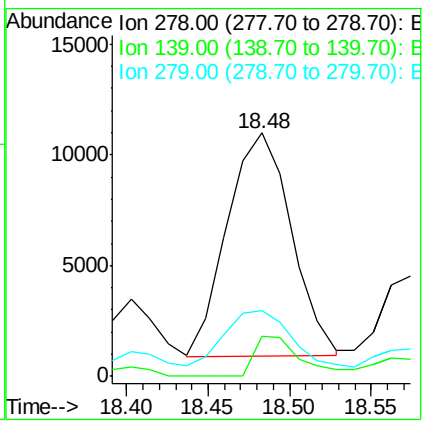


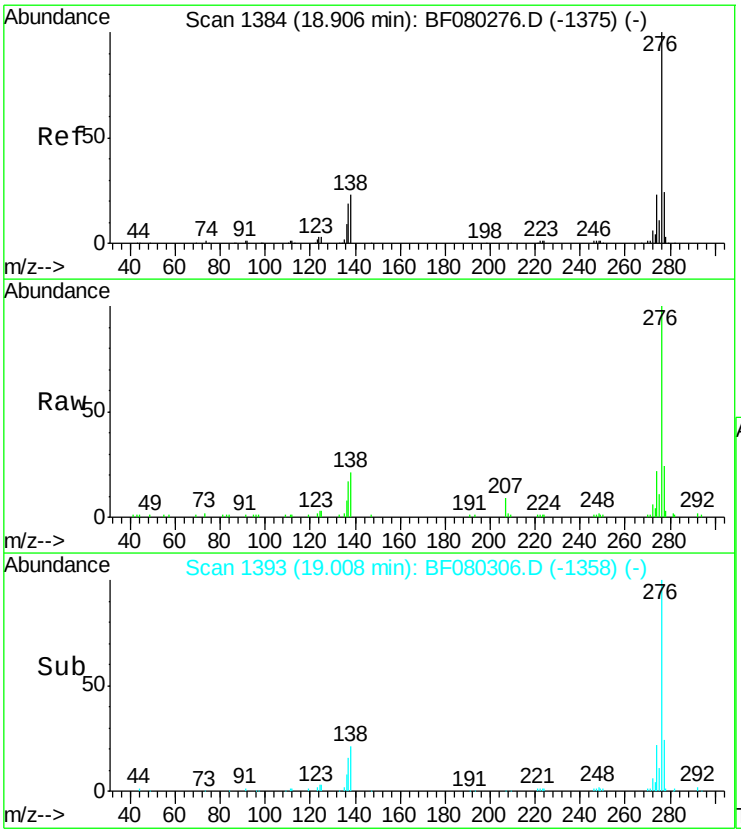
#90
Dibenzo(a,h)anthracene
Concen: 2.86 ng
RT: 18.48 min Scan# 1347
Delta R.T. 0.10 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Instrument :
BNA_F
ClientSampleId :
SP-4(0-2)DL

Tgt Ion:278 Resp: 27469

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.6	21.8
279	27.0	18.7	28.1





#91
Benzo(g,h,i)perylene
Concen: 12.62 ng
RT: 19.01 min Scan# 1393
Delta R.T. 0.10 min
Lab File: BF080306.D
Acq: 2 Jul 2015 9:39

Tgt Ion:276 Resp: 126634

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	21.1	18.1	27.1