Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041715\
Data File : BF078638.D
Acq On : 18 Apr 2015 11:53
Operator : TP/IZ
Sample : G1854-02
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LS-SB11B

Quant Time: Apr 20 00:59:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 18 05:04:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	36999	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	161649	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	90515	20.00	ng		0.00
63) Phenanthrene-d10	12.23	188	182149	20.00	ng		0.01
75) Chrysene-d12	15.47	240	207687	20.00	ng		0.01
86) Perylene-d12	17.12	264	213357	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	240816	107.31	ng		0.00
7) Phenol-d6	6.28	99	310605	110.45	ng		0.00
23) Nitrobenzene-d5	7.38	82	188498	70.68	ng		0.00
41) 2,4,6-Tribromophenol	11.38	330	84437	112.48	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	274757	43.39	ng		0.00
78) Terphenyl-d14	14.22	244	534411	58.14	ng		0.01
Target Compounds							Qvalue
15) Benzyl Alcohol	6.83	79	10471	5.30	ng	#	60
31) Naphthalene	8.28	128	500448	59.48	ng		100
37) 2-Methylnaphthalene	9.14	142	183311	32.09	ng		99
45) 1,1'-Biphenyl	9.72	154	54887	7.41	ng		99
49) Dimethylphthalate	10.12	163	28163	4.14	ng	#	98
51) Acenaphthene	10.45	154	182851	34.53	ng		100
54) Dibenzofuran	10.66	168	241637	29.87	ng		98
55) 4-Nitrophenol	10.66	139	92544	79.04	ng	#	21
57) Fluorene	11.09	166	268343	40.92	ng		99
61) 4-Nitroaniline	11.09	138	3640	2.26	ng	#	30
65) n-Nitrosodiphenylamine	11.25	169	18970	3.01	ng	#	5
70) Phenanthrene	12.26	178	1119494	106.25	ng		97
71) Anthracene	12.32	178	266343	25.65	ng		99
72) Carbazole	12.54	167	35713	3.67	ng		94
74) Fluoranthene	13.73	202	674044	60.66	ng		94
77) Pyrene	13.99	202	459401	35.24	ng	#	94
80) Benzo(a)anthracene	15.46	228	118564	9.59	ng		99
82) Chrysene	15.50	228	77398	6.67	ng		97
87) Benzo(b)fluoranthene	16.71	252	78913	5.98	ng	#	94
88) Benzo(k)fluoranthene	16.71	252	79065	6.75	ng		97
89) Benzo(a)pyrene	17.06	252	33389	2.90	ng	#	93

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

Quantitation Report (Not Reviewed)

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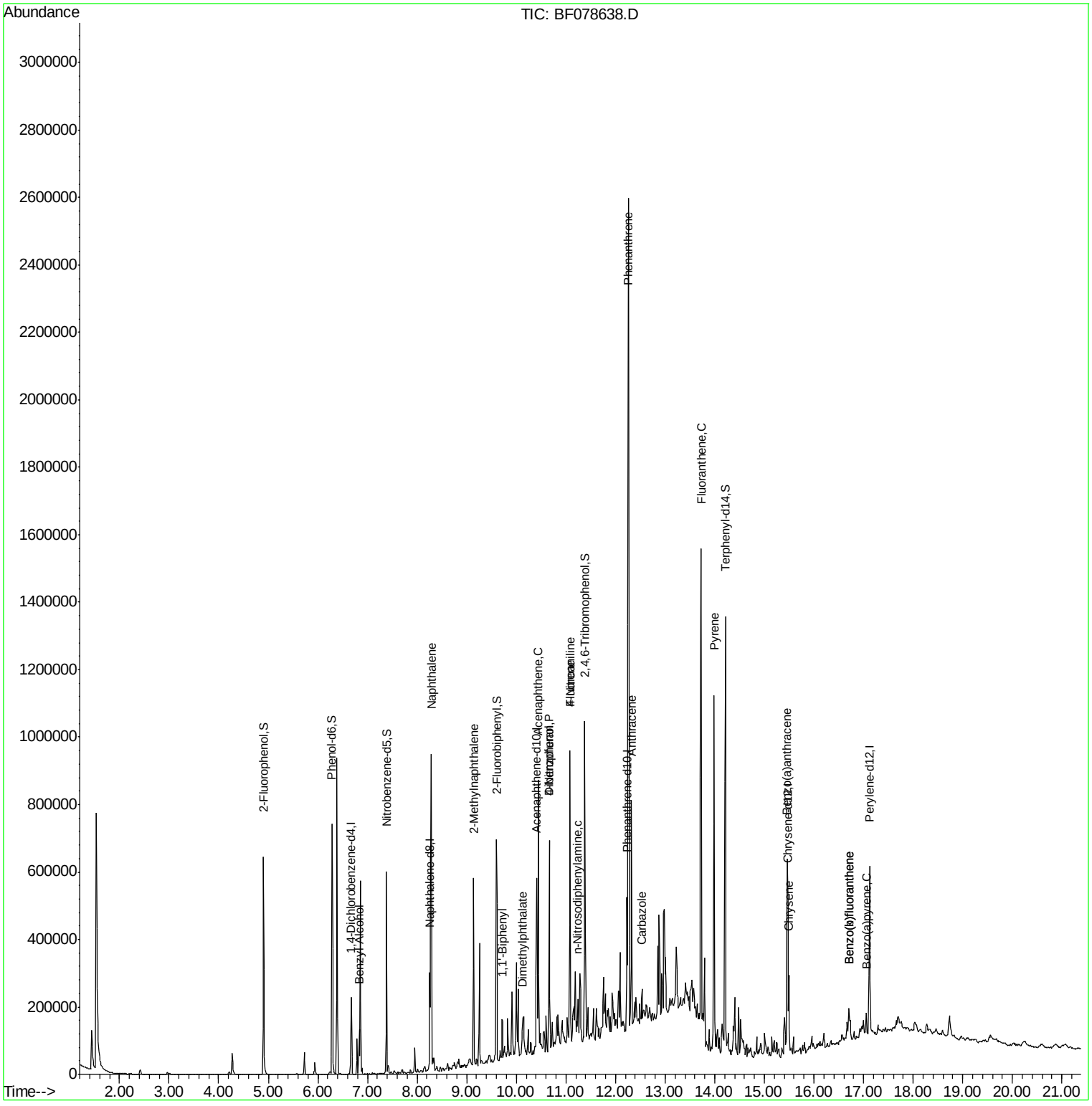
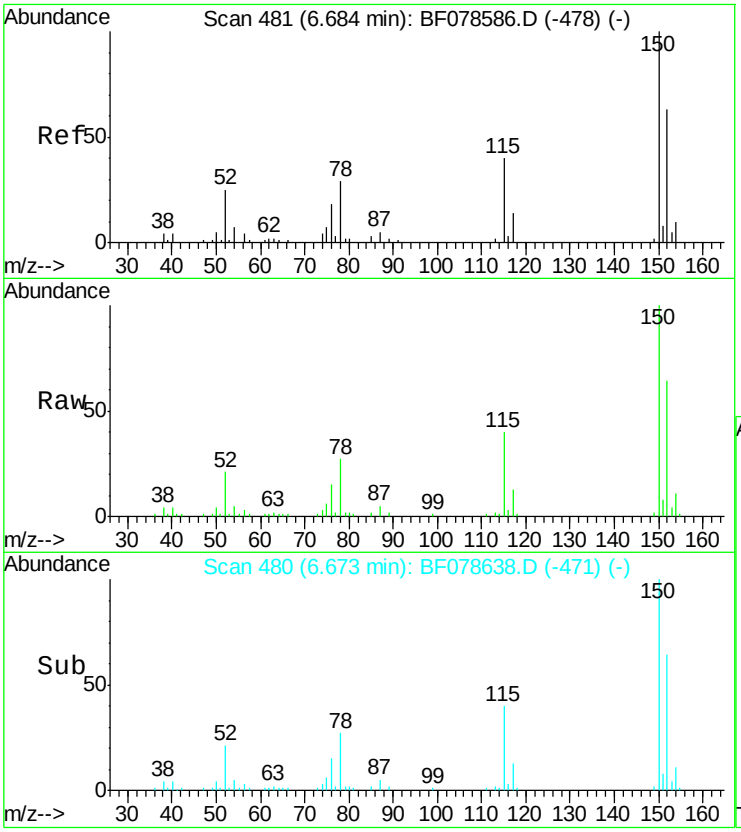


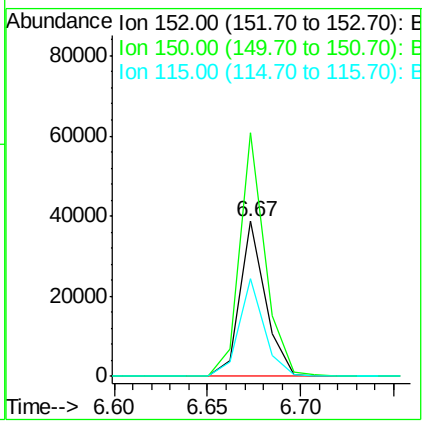


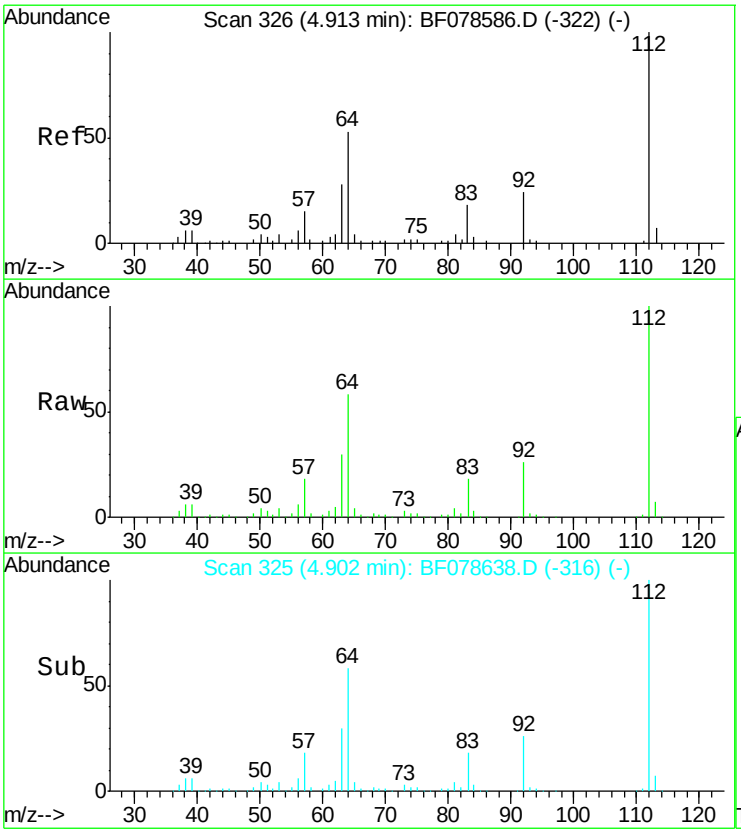
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:152 Resp: 36999

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.9	188.9
115	63.2	52.7	79.1

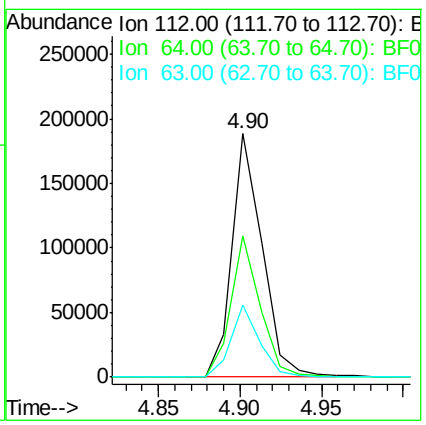


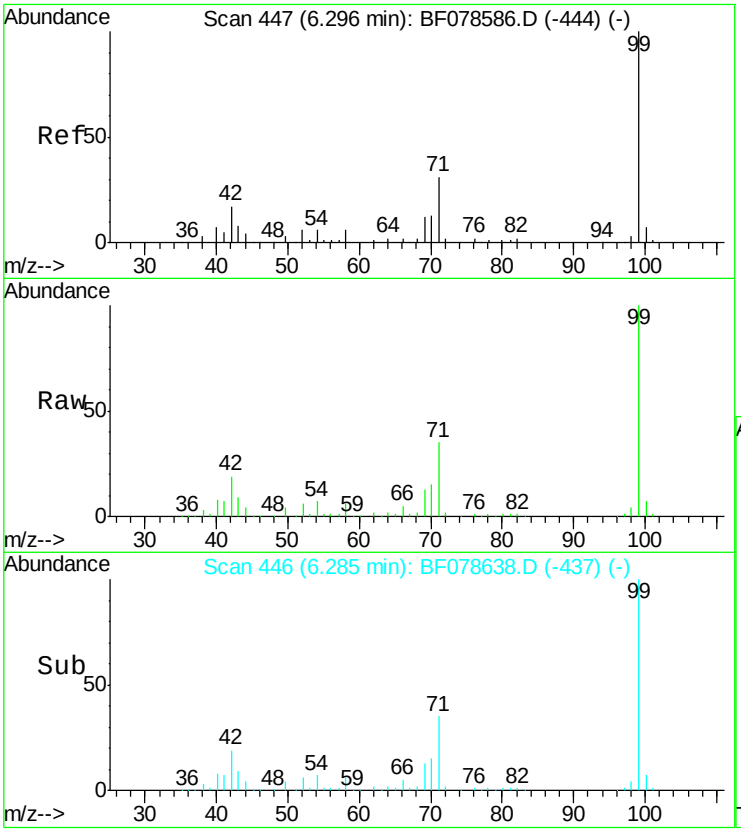


#5
2-Fluorophenol
Concen: 107.31 ng
RT: 4.90 min Scan# 325
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:112 Resp: 240816

Ion	Ratio	Lower	Upper
112	100		
64	57.9	39.9	59.9
63	29.7	20.2	30.4



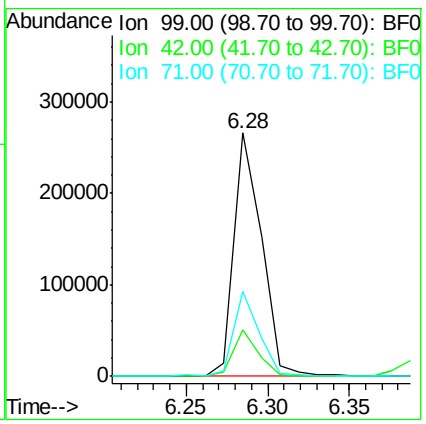


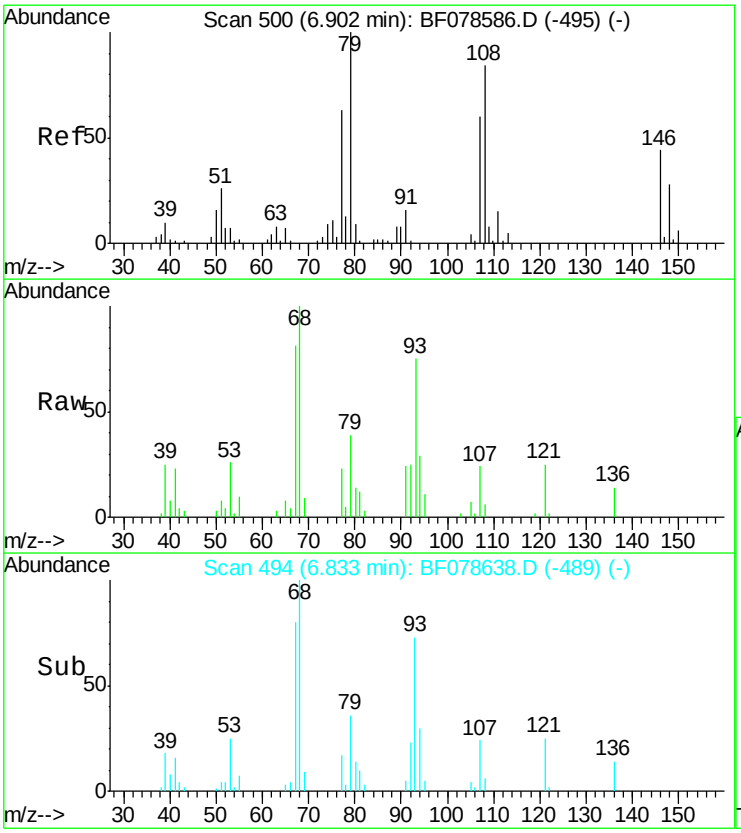
#7
Phenol-d6
Concen: 110.45 ng
RT: 6.28 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion: 99 Resp: 310605

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.8	22.2
71	34.8	26.6	39.8

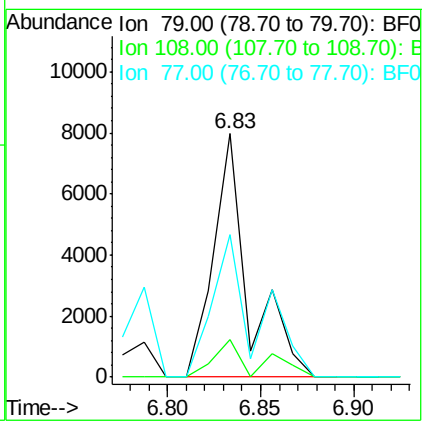


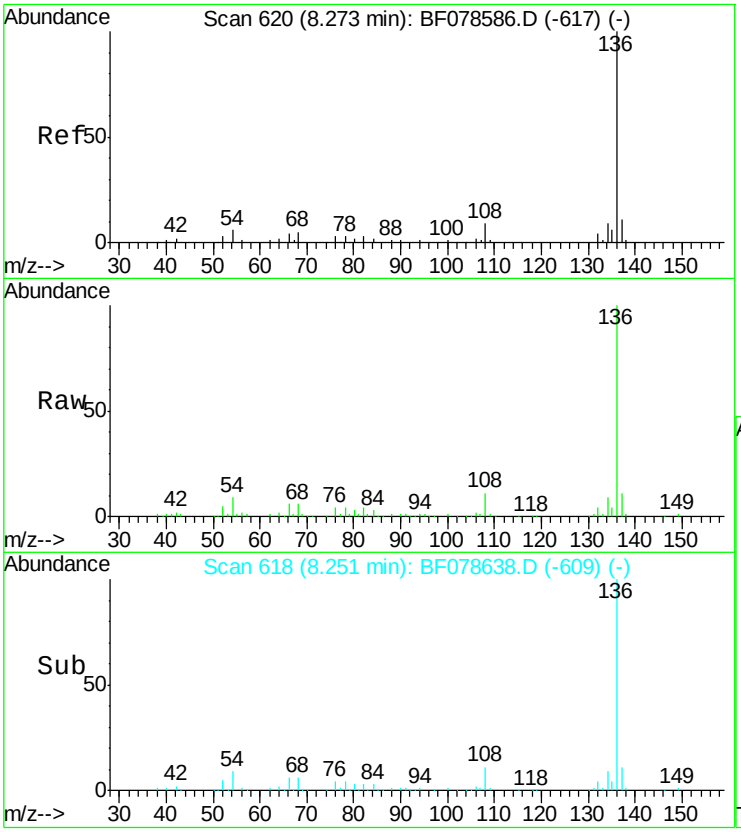


#15
Benzyl Alcohol
Concen: 5.30 ng
RT: 6.83 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion: 79 Resp: 10471

Ion	Ratio	Lower	Upper
79	100		
108	15.7	57.6	86.4#
77	58.4	53.5	80.3



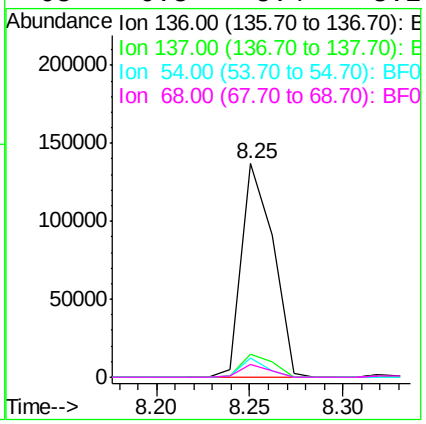


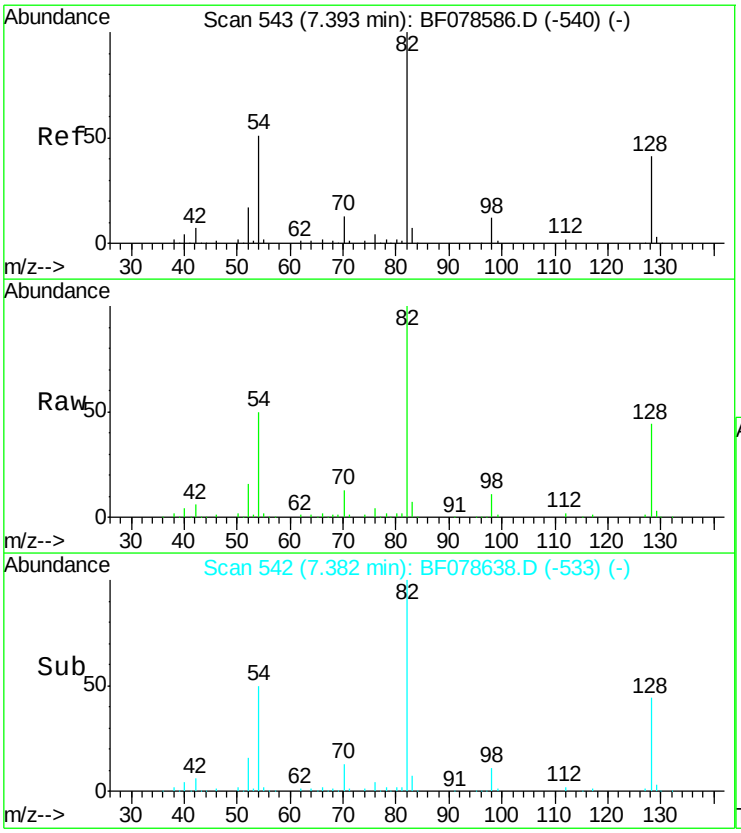
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:136 Resp: 161649

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	9.1	7.0	10.6
68	6.3	5.4	8.2

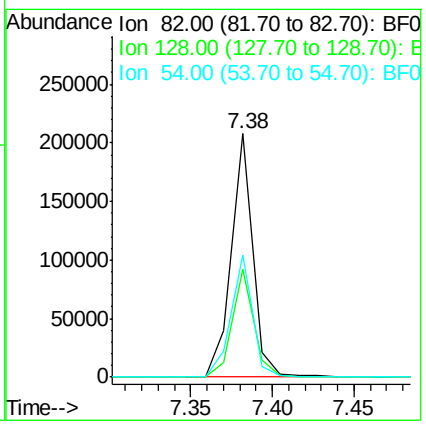


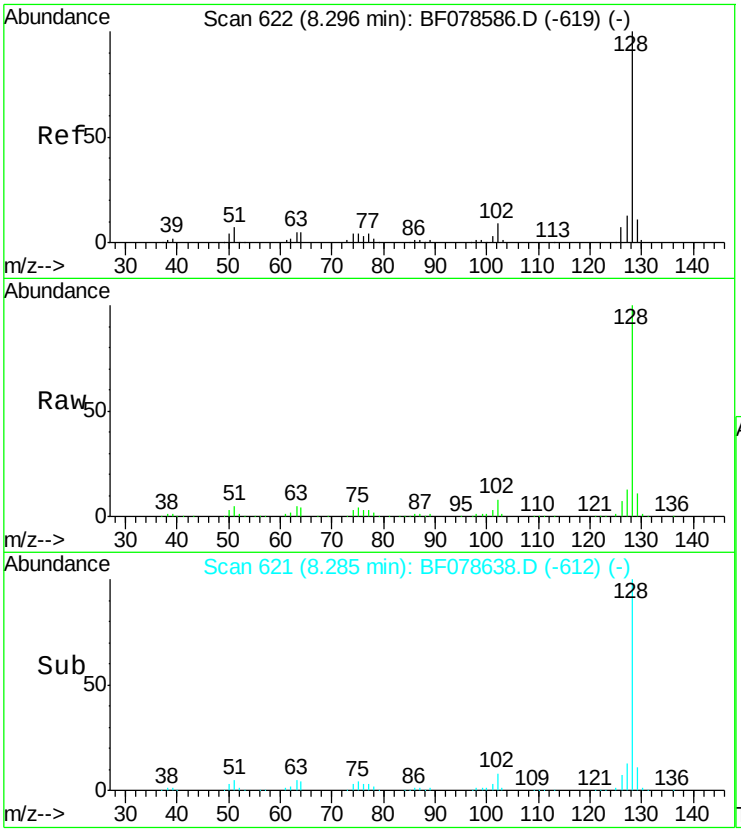


#23
Nitrobenzene-d5
Concen: 70.68 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion: 82 Resp: 188498

Ion	Ratio	Lower	Upper
82	100		
128	44.1	31.8	47.8
54	50.0	41.5	62.3



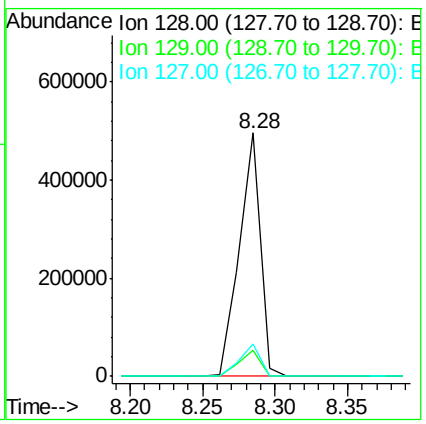


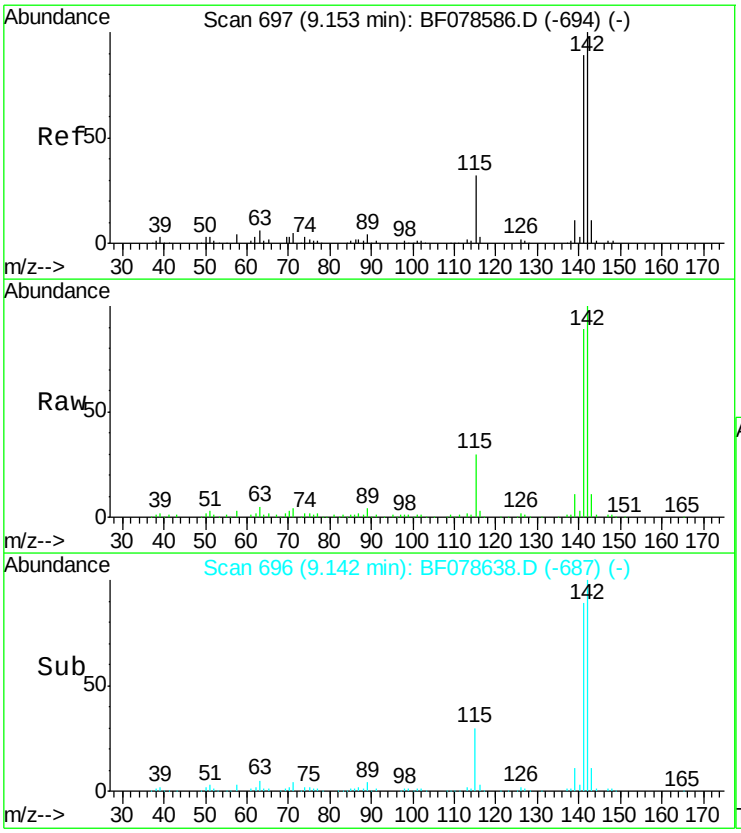
#31
Naphthalene
Concen: 59.48 ng
RT: 8.28 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:128 Resp: 500448

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.2	10.7	16.1

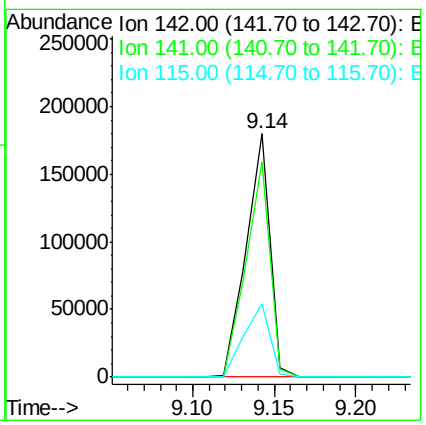


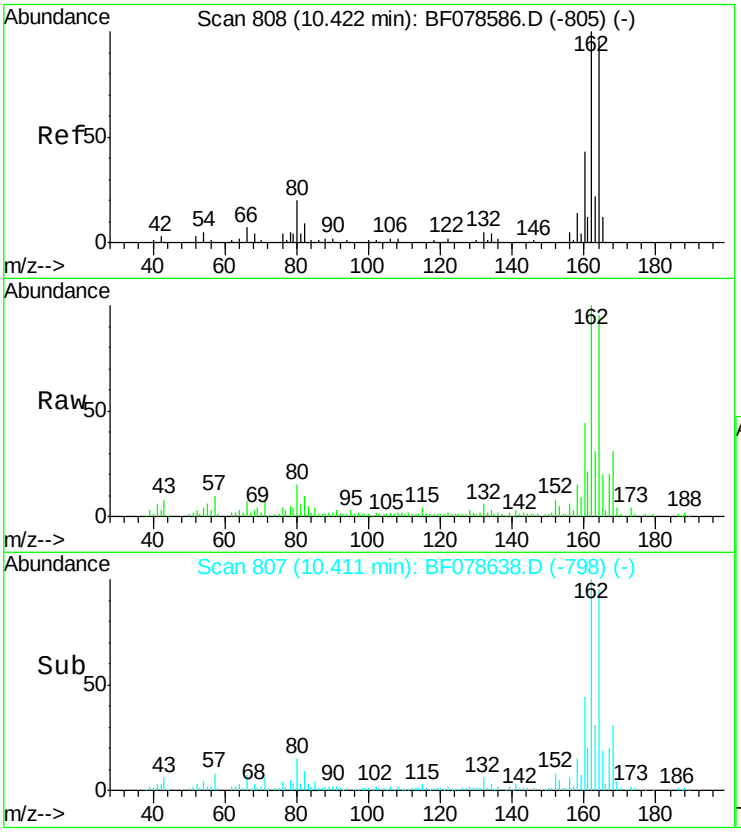


#37
2-Methylnaphthalene
Concen: 32.09 ng
RT: 9.14 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:142 Resp: 183311

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.3	105.5
115	30.3	24.6	37.0



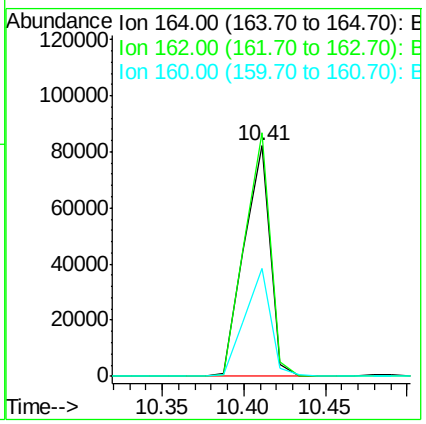


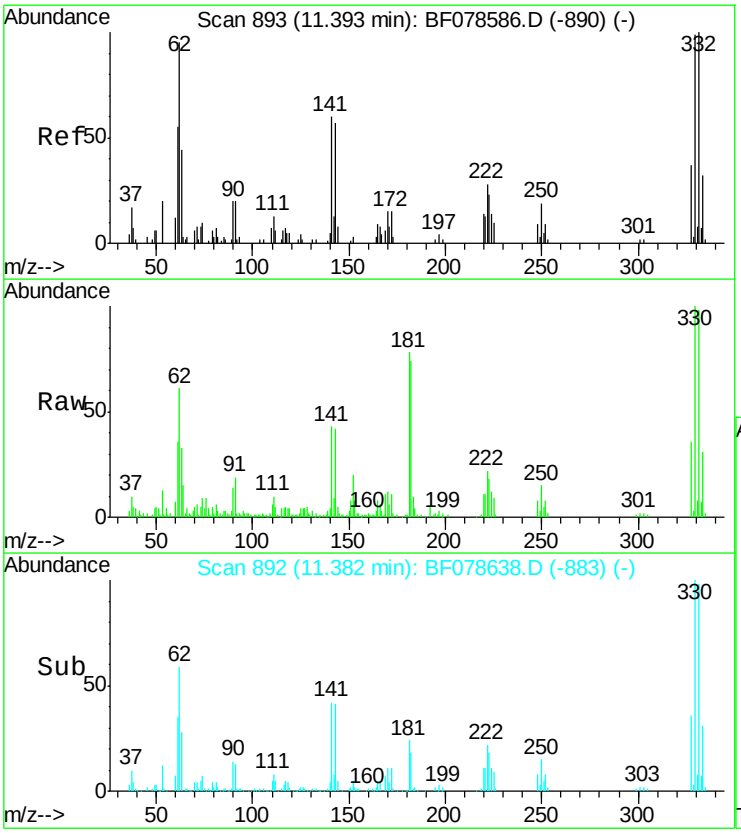
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:164 Resp: 90515

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.2	123.2
160	46.7	34.7	52.1

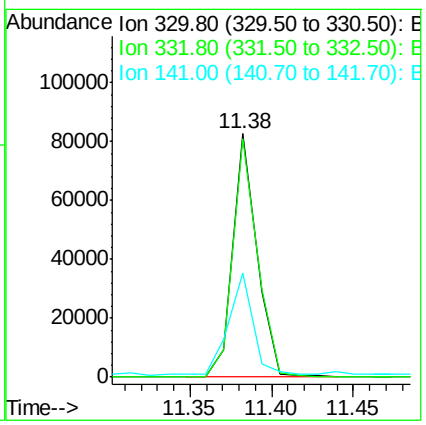


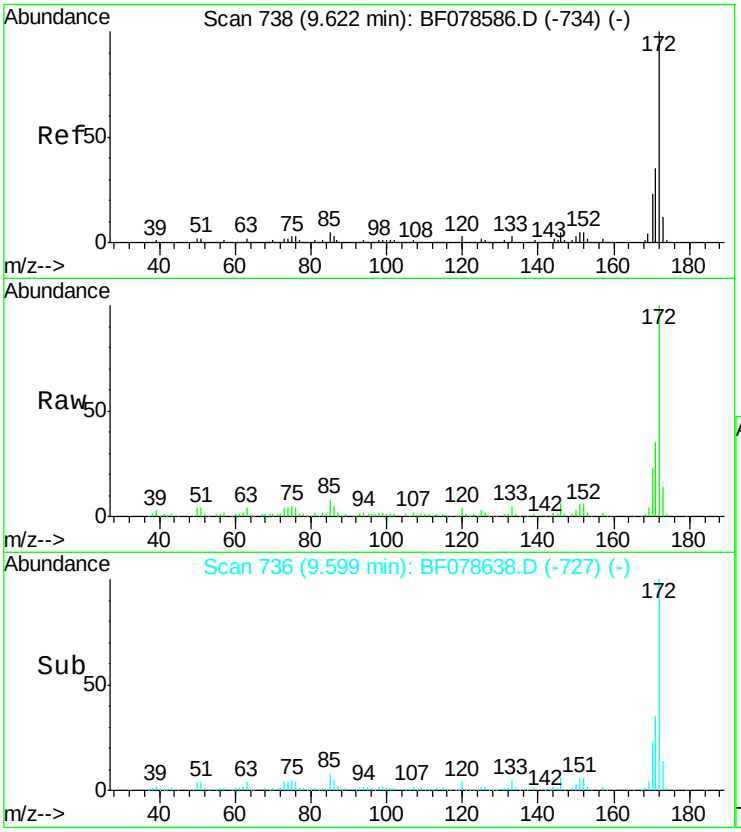


#41
2,4,6-Tribromophenol
Concen: 112.48 ng
RT: 11.38 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:330 Resp: 84437

Ion	Ratio	Lower	Upper
330	100		
332	98.8	78.6	117.8
141	44.0	31.2	46.8



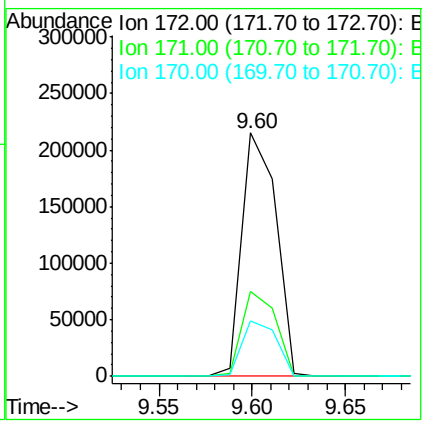


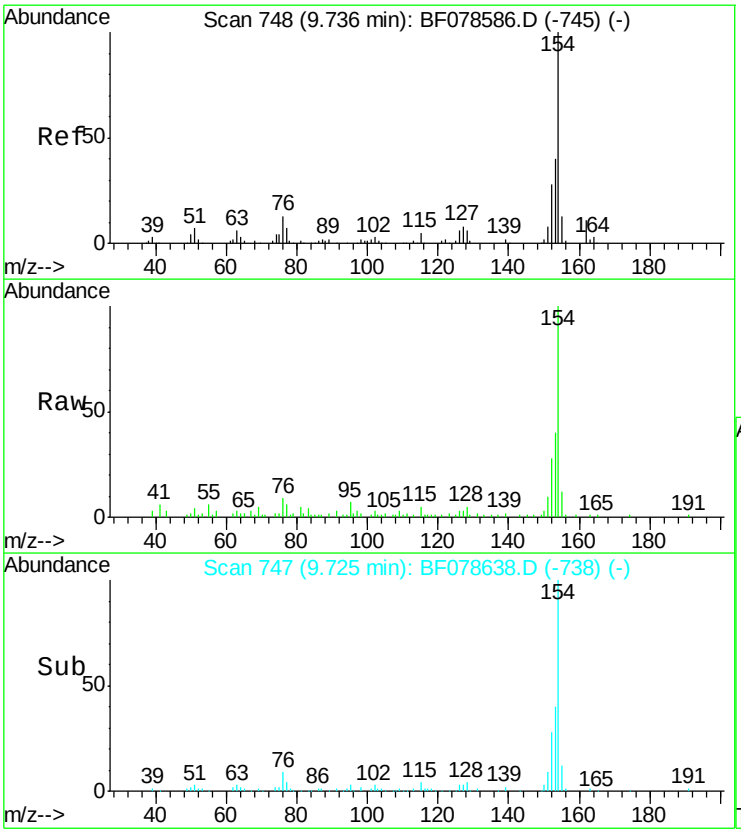
#44
2-Fluorobiphenyl
Concen: 43.39 ng
RT: 9.60 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:172 Resp: 274757

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	42.8
170	22.8	18.5	27.7

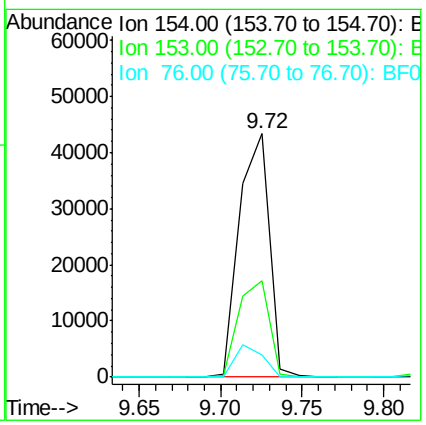


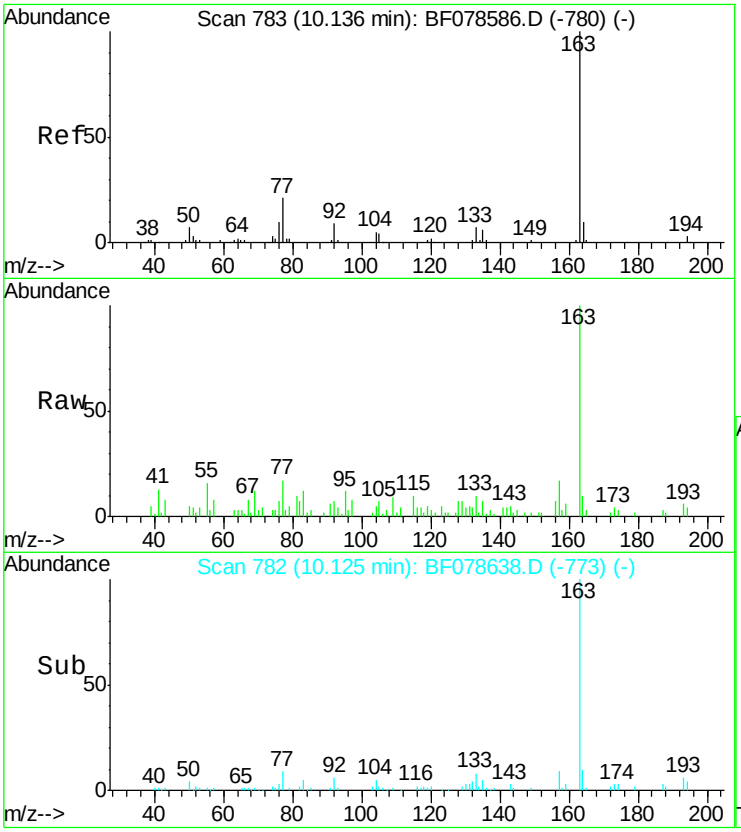


#45
1,1'-Biphenyl
Concen: 7.41 ng
RT: 9.72 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:154 Resp: 54887

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.0	60.0
76	8.9	0.0	30.6



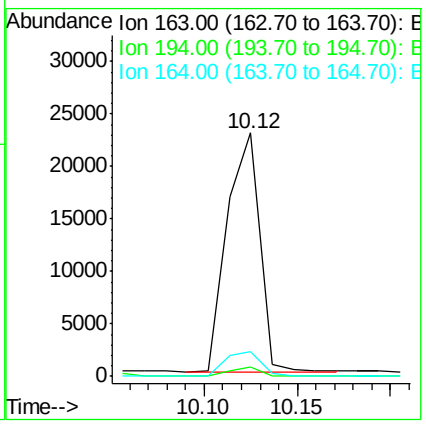


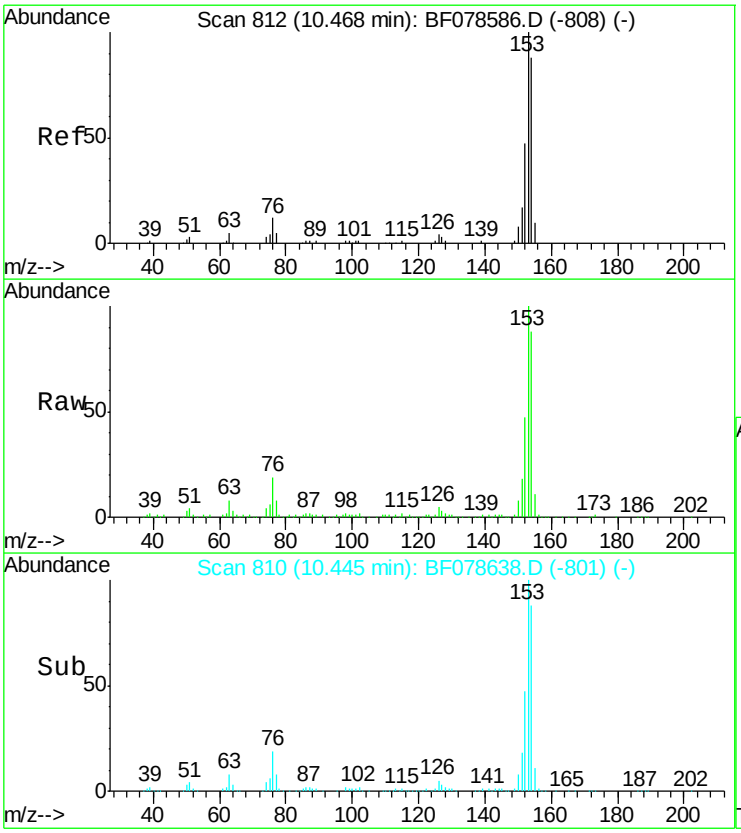
#49
Dimethylphthalate
Concen: 4.14 ng
RT: 10.12 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:163 Resp: 28163

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.3	3.5#
164	10.0	8.6	13.0

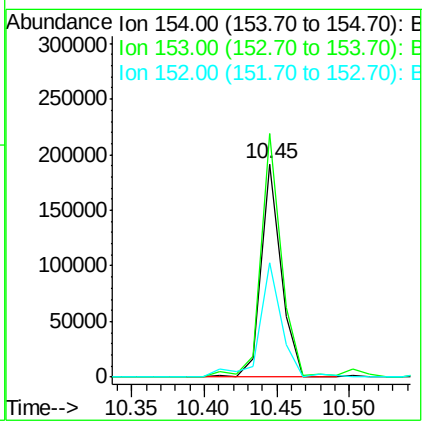


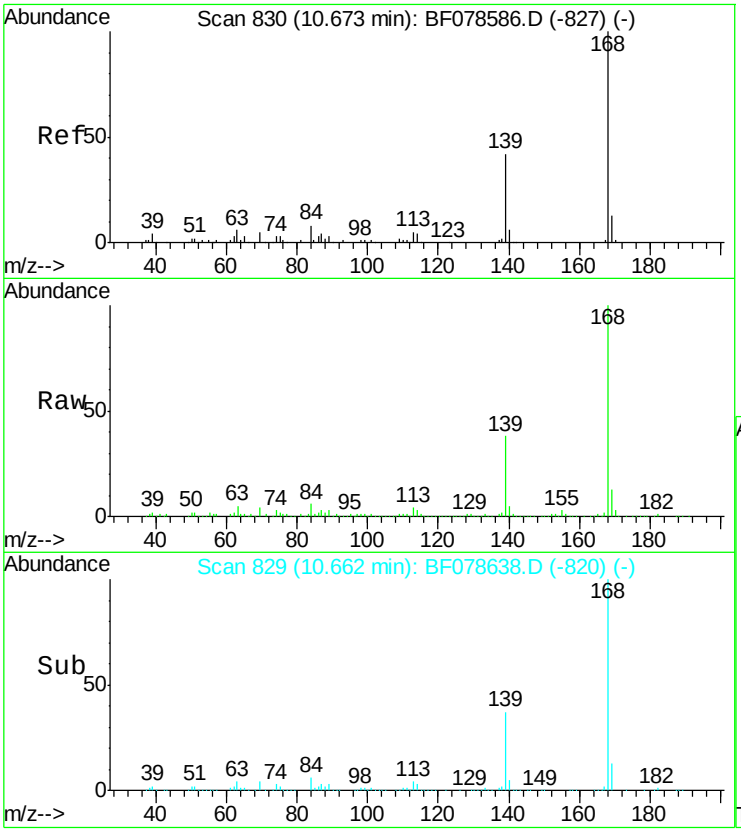


#51
Acenaphthene
Concen: 34.53 ng
RT: 10.45 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:154 Resp: 182851

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.4	137.2
152	53.8	43.0	64.6



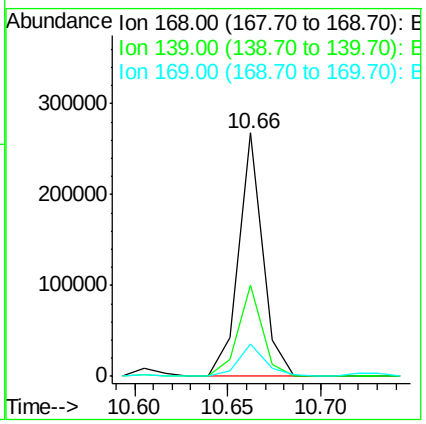


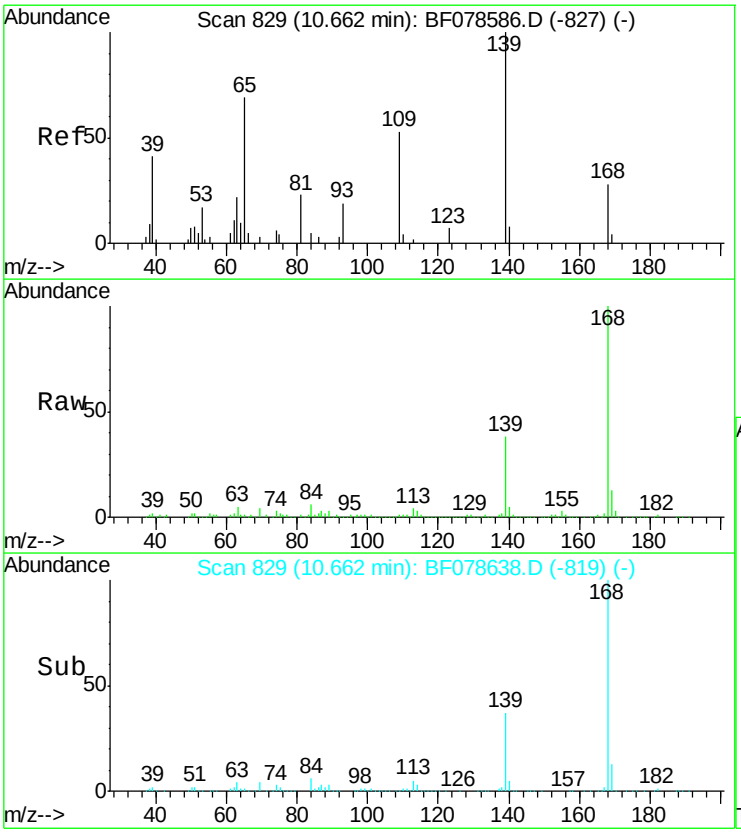
#54
Dibenzofuran
Concen: 29.87 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:168 Resp: 241637

Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.0	46.4
169	13.2	10.7	16.1

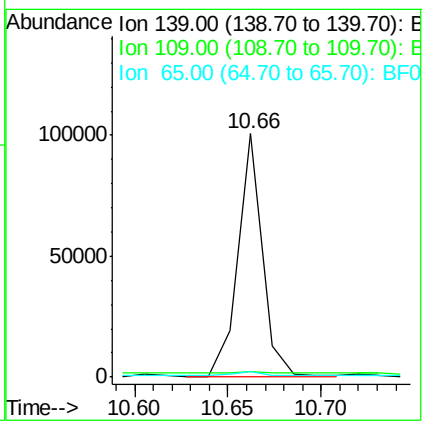


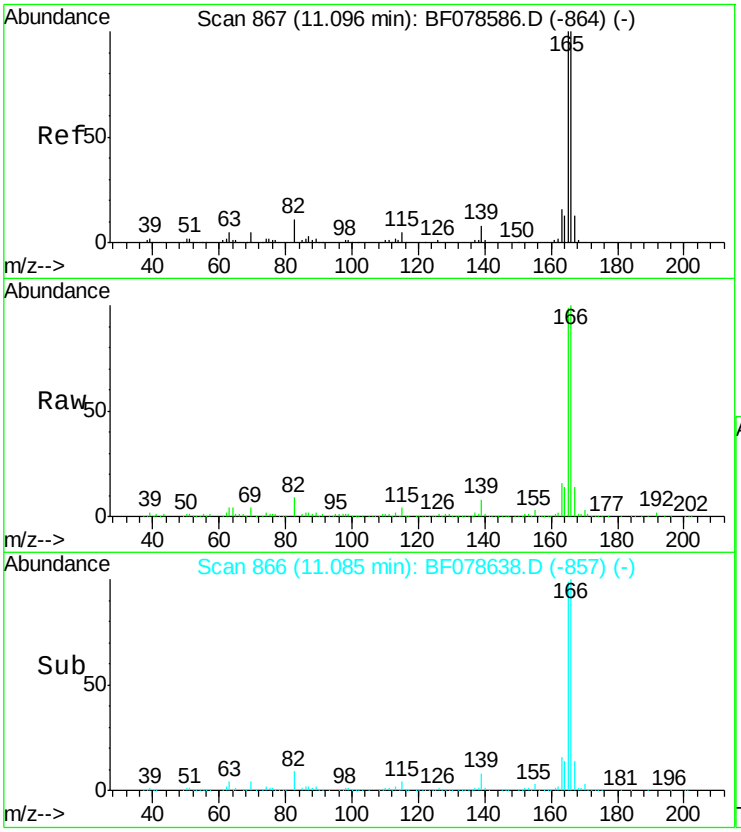


#55
4-Nitrophenol
Concen: 79.04 ng
RT: 10.66 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:139 Resp: 92544

Ion	Ratio	Lower	Upper
139	100		
109	2.0	36.7	76.7#
65	2.0	49.9	89.9#



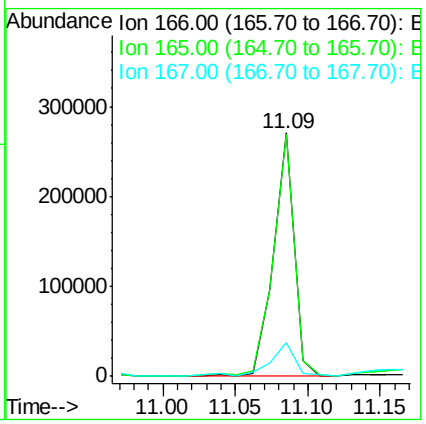


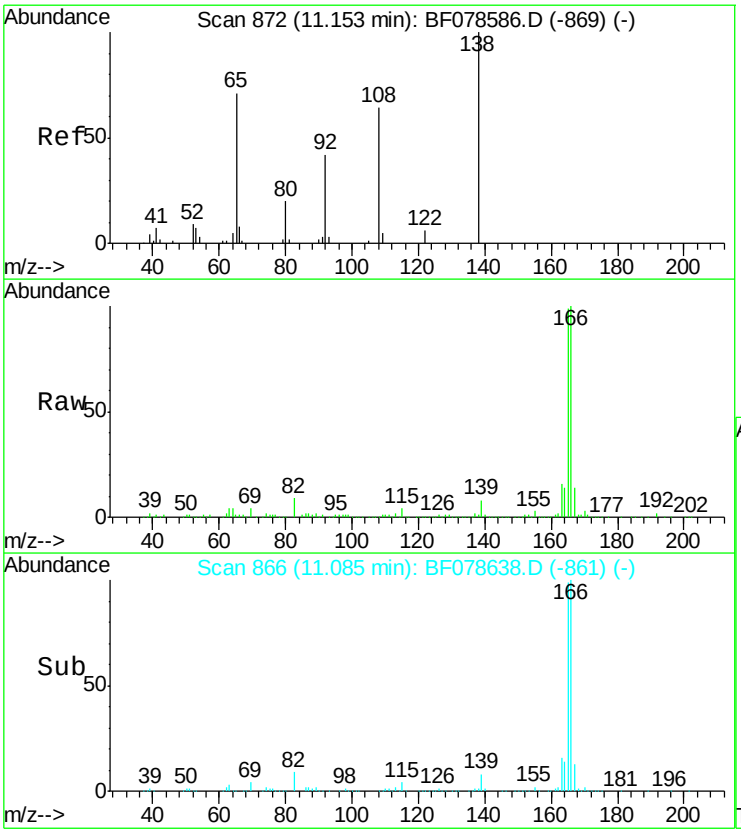
#57
Fluorene
Concen: 40.92 ng
RT: 11.09 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:166 Resp: 268343

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.9	118.3
167	13.7	10.7	16.1

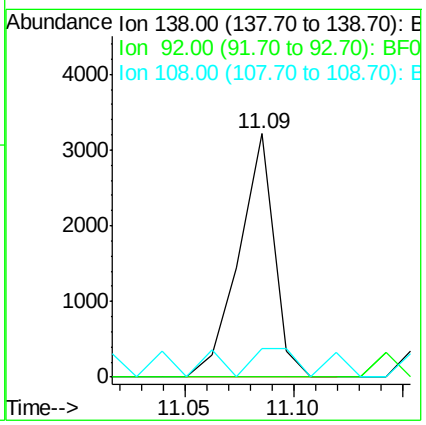


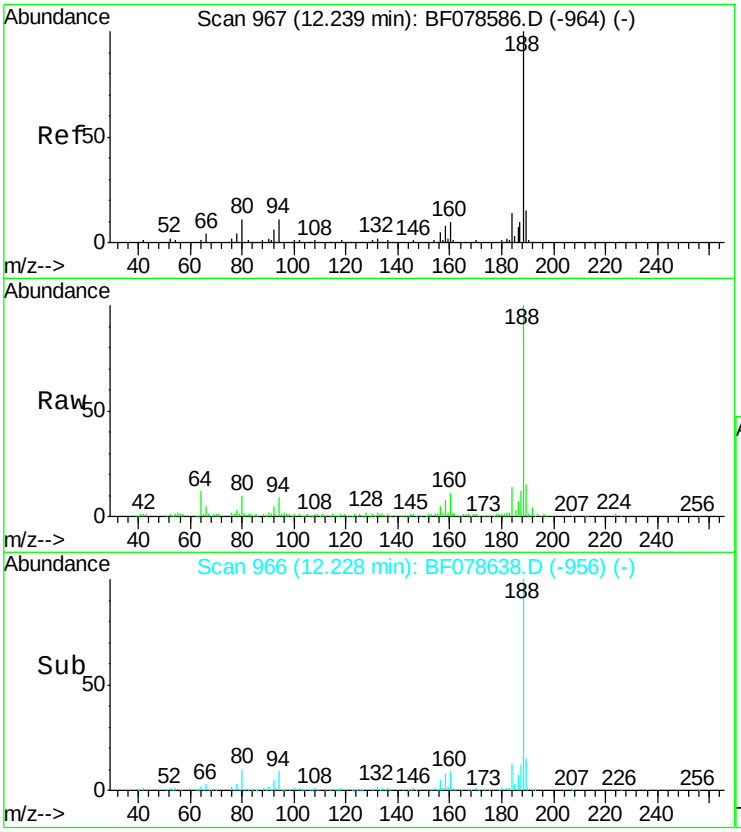


#61
4-Nitroaniline
Concen: 2.26 ng
RT: 11.09 min Scan# 866
Delta R.T. -0.05 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:138 Resp: 3640

Ion	Ratio	Lower	Upper
138	100		
92	0.0	27.3	67.3#
108	12.0	47.2	87.2#



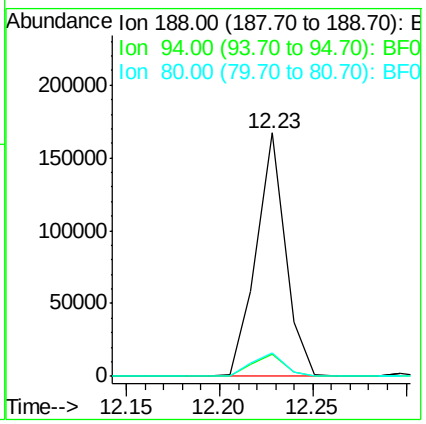


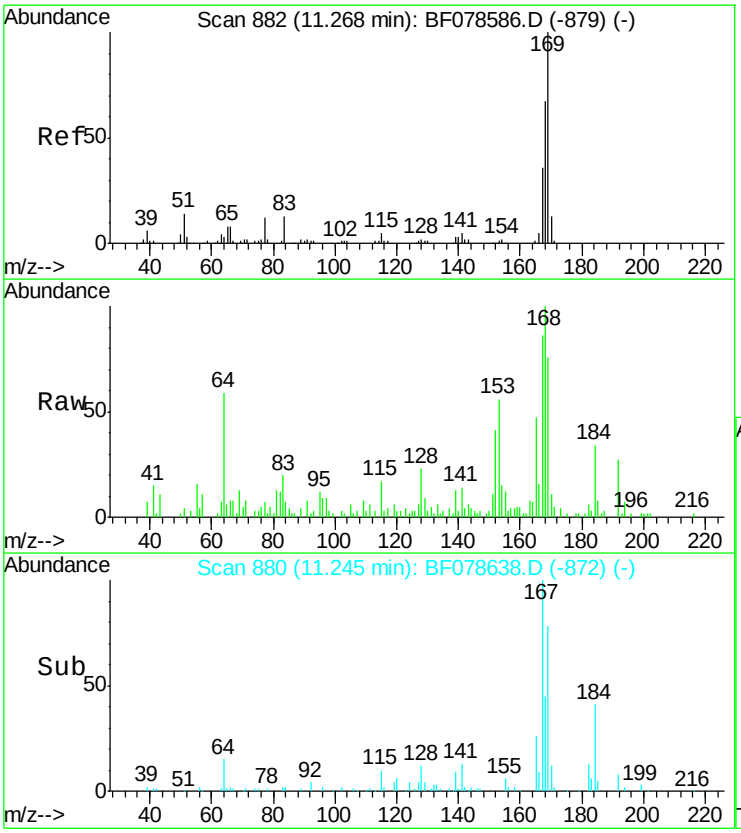
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.23 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:188 Resp: 182149

Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.6	9.5	14.3

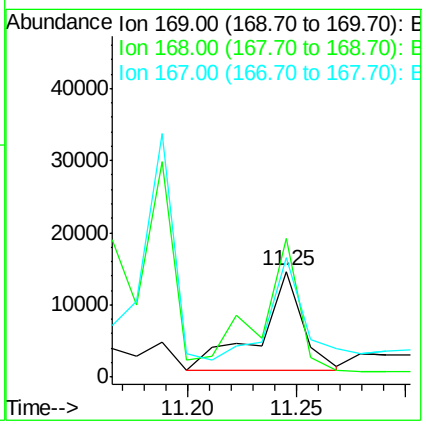


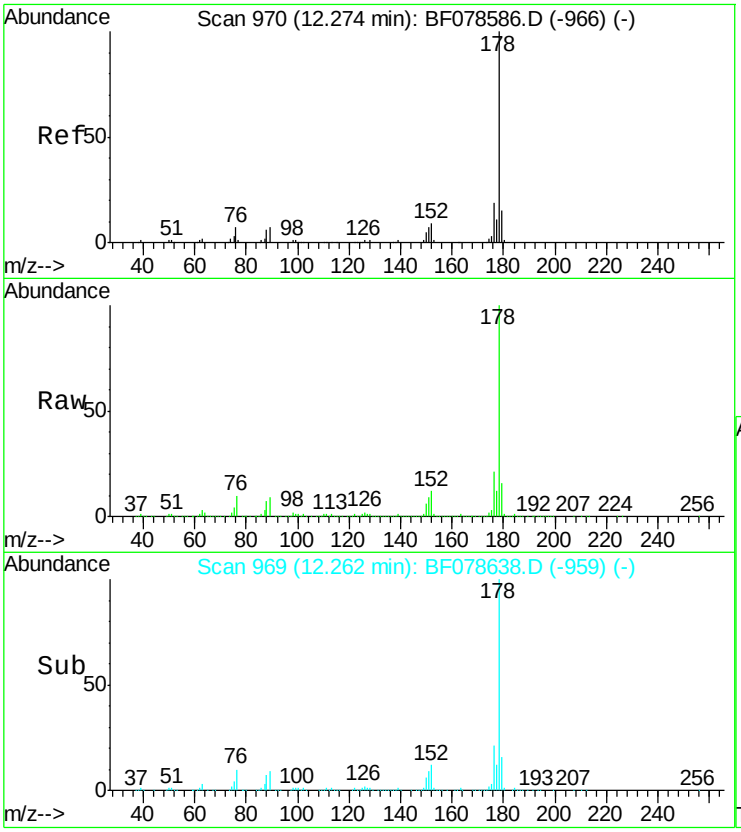


#65
n-Nitrosodiphenylamine
Concen: 3.01 ng
RT: 11.25 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:169 Resp: 18970

Ion	Ratio	Lower	Upper
169	100		
168	131.1	55.0	82.4#
167	112.7	29.3	43.9#

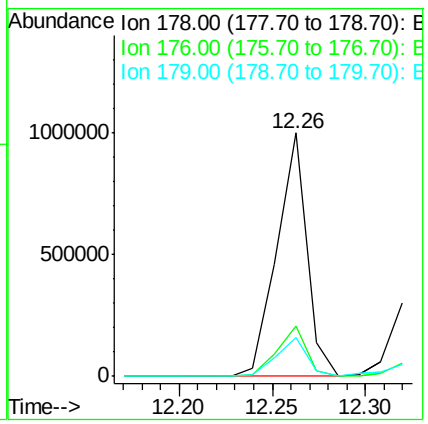




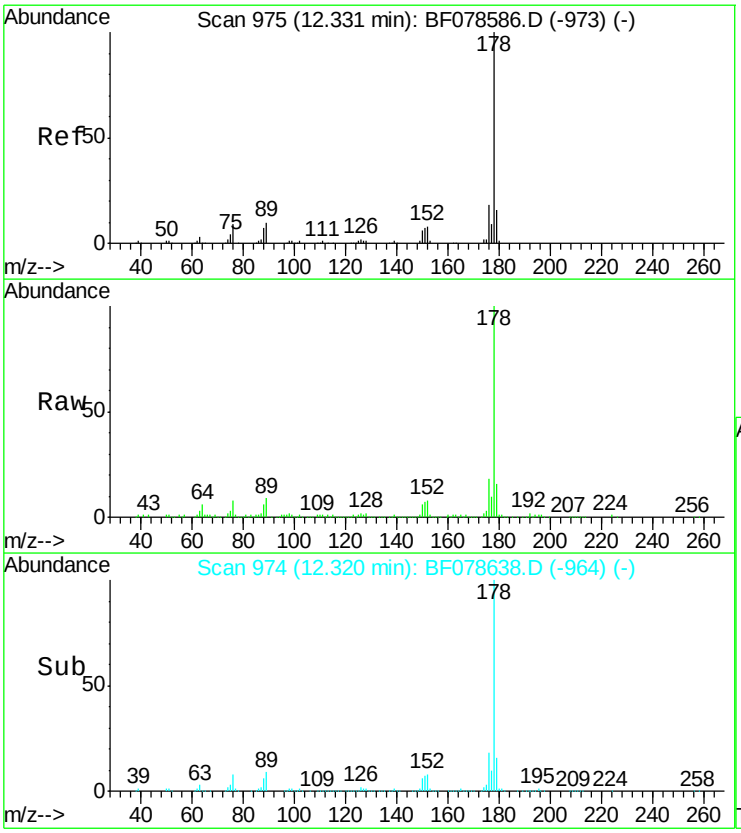
#70
Phenanthrene
Concen: 106.25 ng
RT: 12.26 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:178 Resp: 1119494

Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.0
179	16.2	12.2	18.2



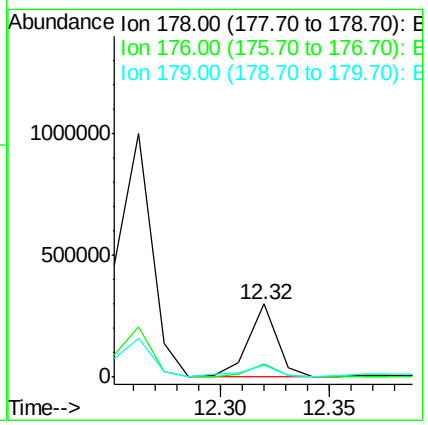
Instrument :
BNA_F
ClientSampleId :
LS-SB11B

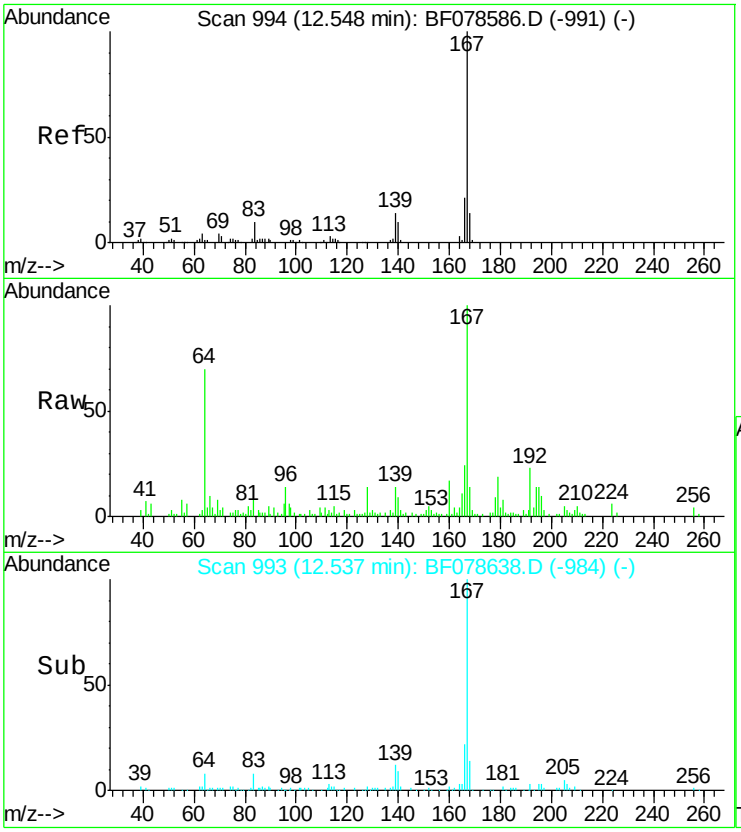


#71
Anthracene
Concen: 25.65 ng
RT: 12.32 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:178 Resp: 266343

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	16.4	12.4	18.6



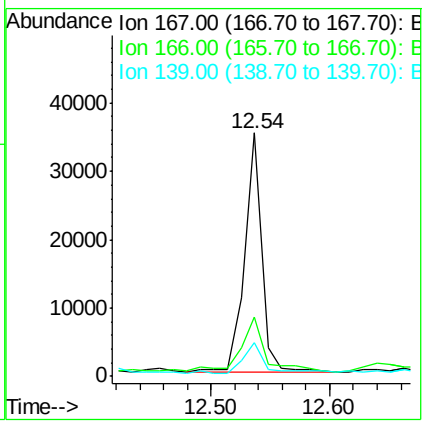


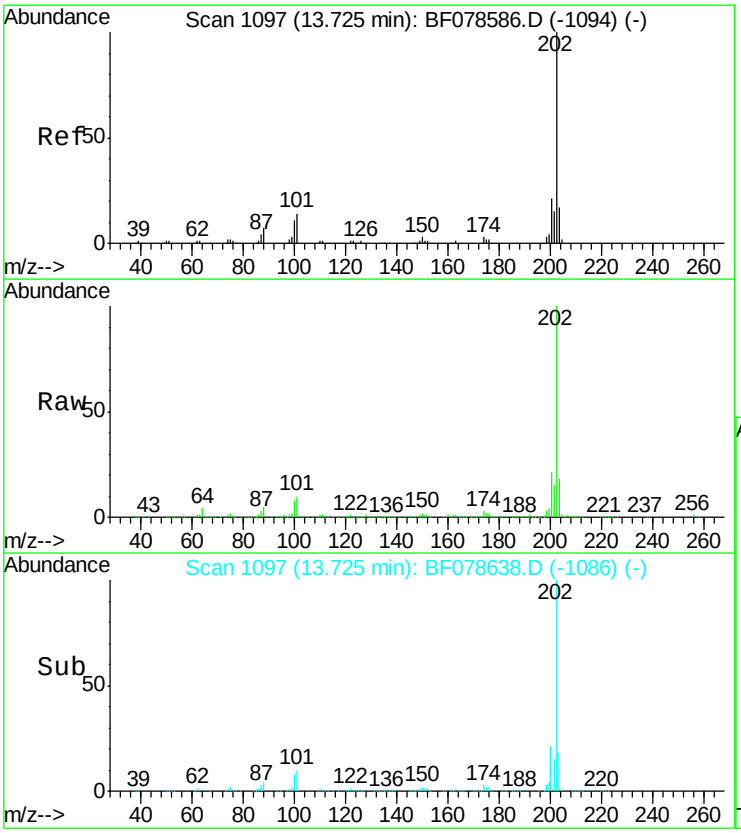
#72
Carbazole
Concen: 3.67 ng
RT: 12.54 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:167 Resp: 35713

Ion	Ratio	Lower	Upper
167	100		
166	24.3	16.8	25.2
139	13.7	10.0	15.0

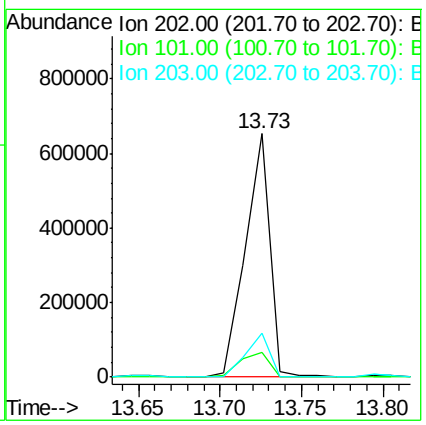


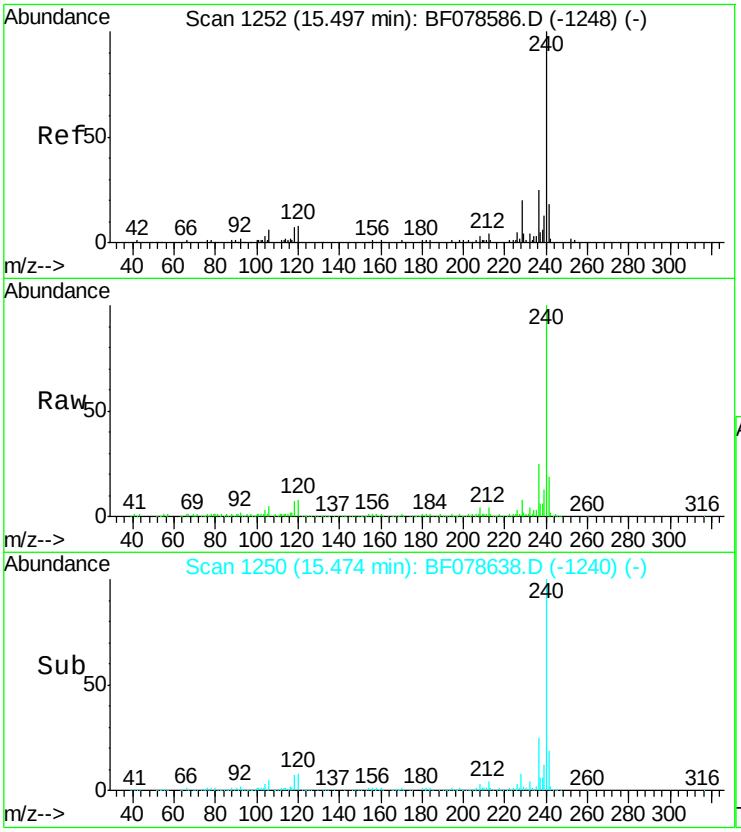


#74
Fluoranthene
Concen: 60.66 ng
RT: 13.73 min Scan# 1097
Delta R.T. 0.02 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:202 Resp: 674044

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	35.2
203	18.0	0.0	38.5



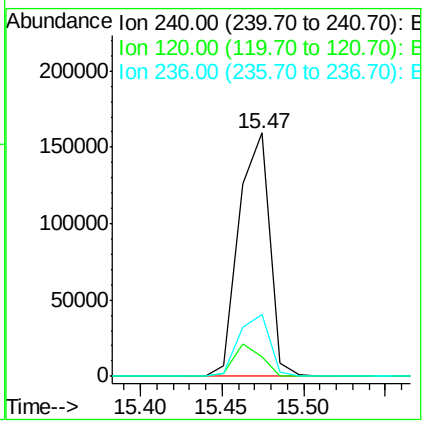


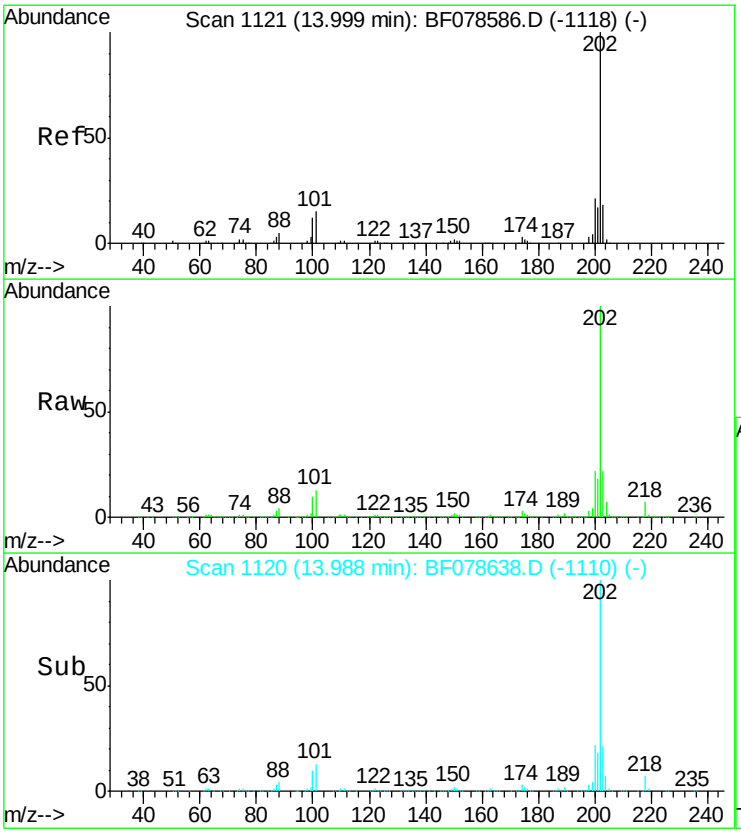
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:240 Resp: 207687

Ion	Ratio	Lower	Upper
240	100		
120	8.1	7.1	10.7
236	25.2	21.4	32.2

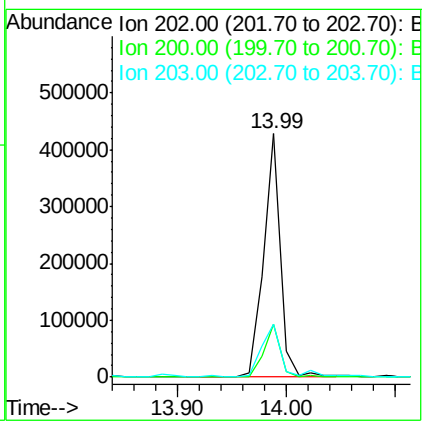


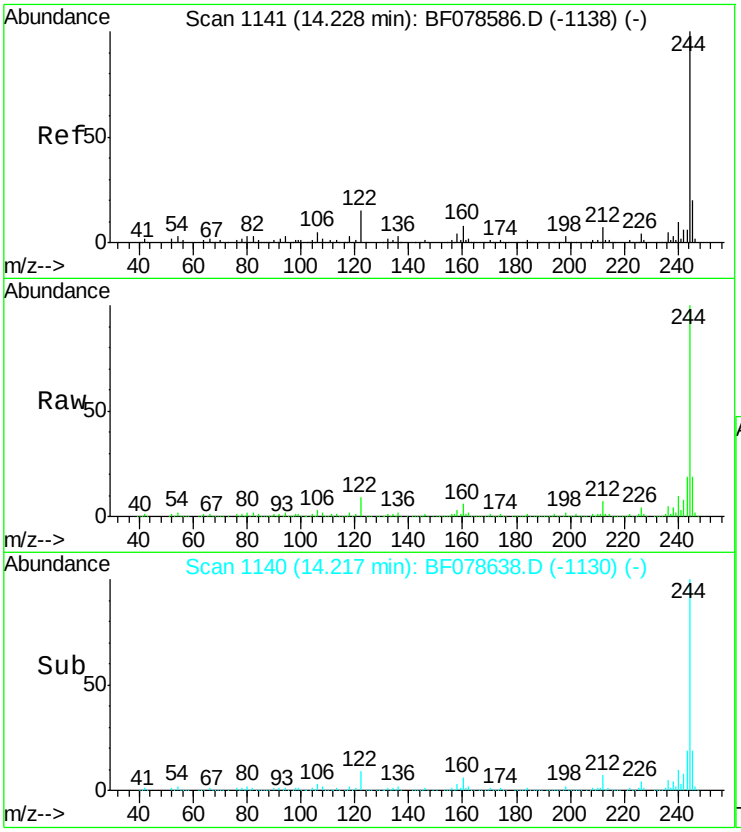


#77
Pyrene
Concen: 35.24 ng
RT: 13.99 min Scan# 1120
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:202 Resp: 459401

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.3	24.5
203	21.7	13.8	20.6#



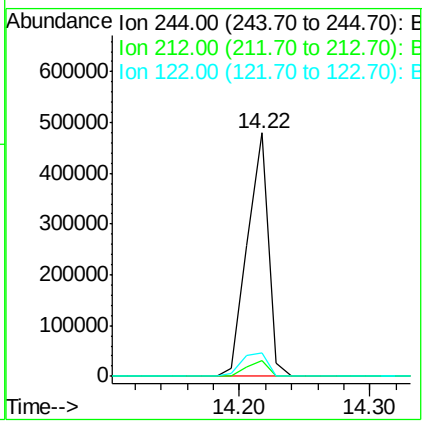


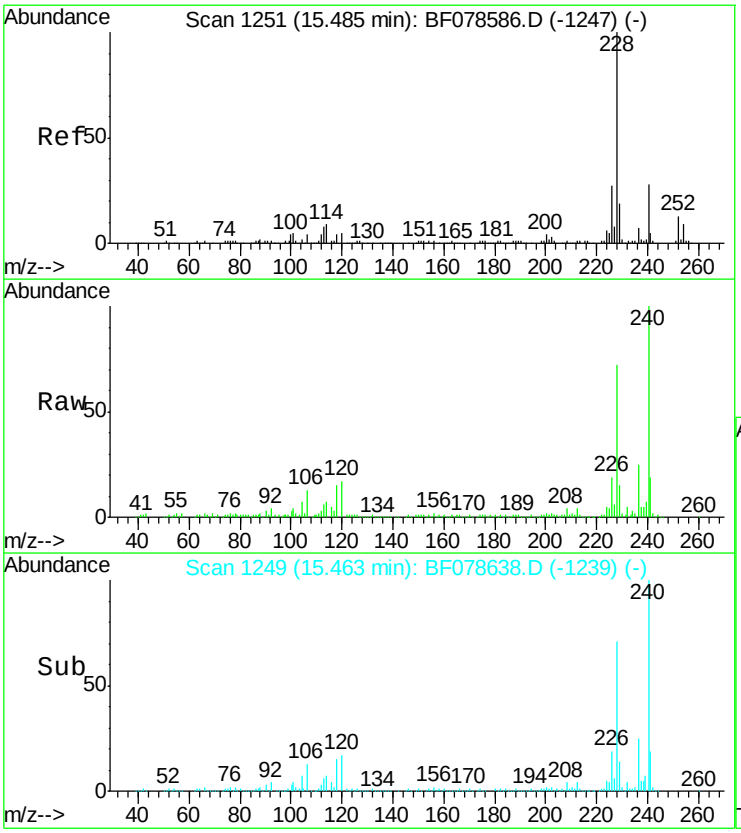
#78
Terphenyl-d14
Concen: 58.14 ng
RT: 14.22 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:244 Resp: 534411

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.0	7.4
122	9.4	7.1	10.7

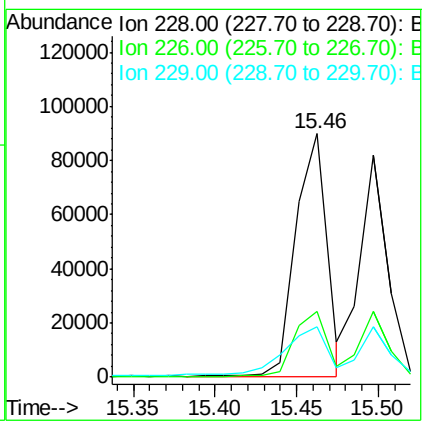


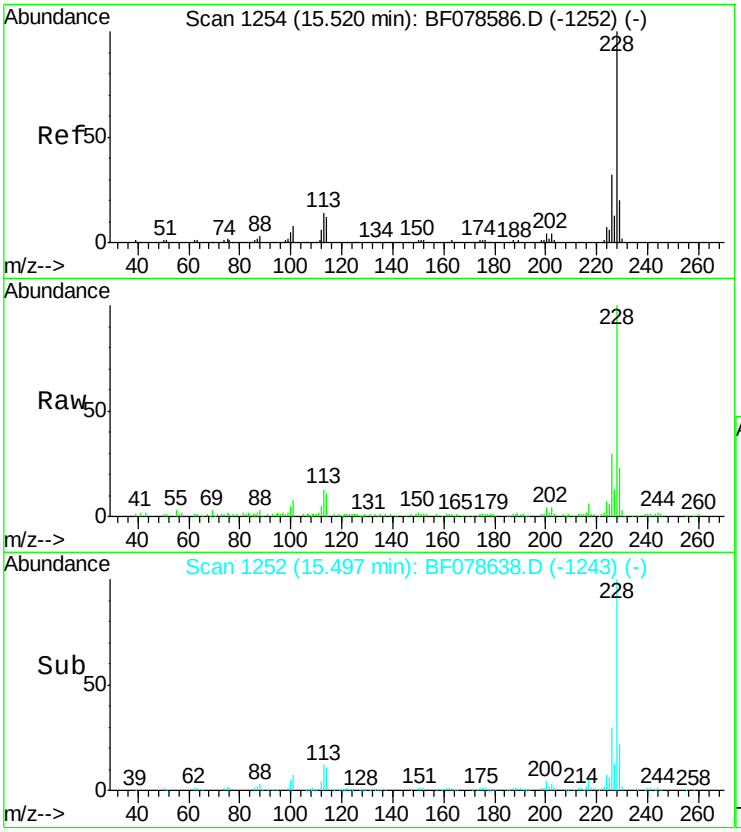


#80
Benzo(a)anthracene
Concen: 9.59 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:228 Resp: 118564

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.6	15.4	23.2



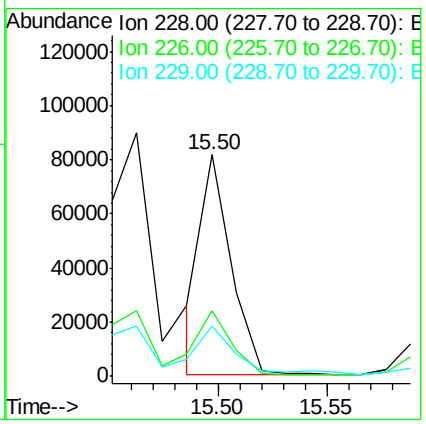


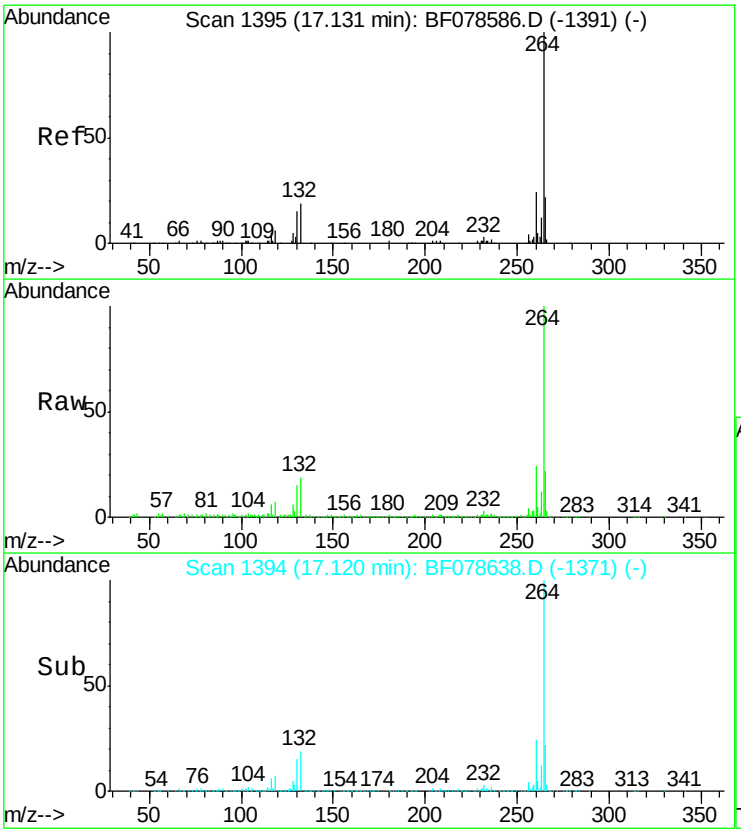
#82
Chrysene
Concen: 6.67 ng
RT: 15.50 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:228 Resp: 77398

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.2	36.4
229	22.5	15.8	23.8

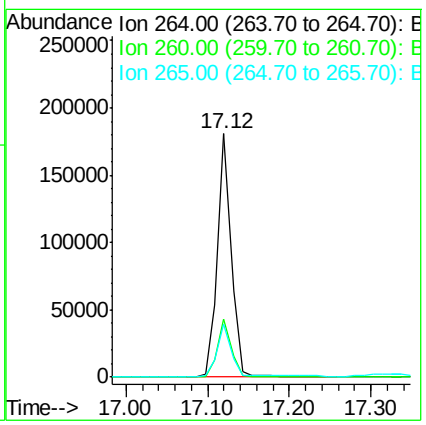


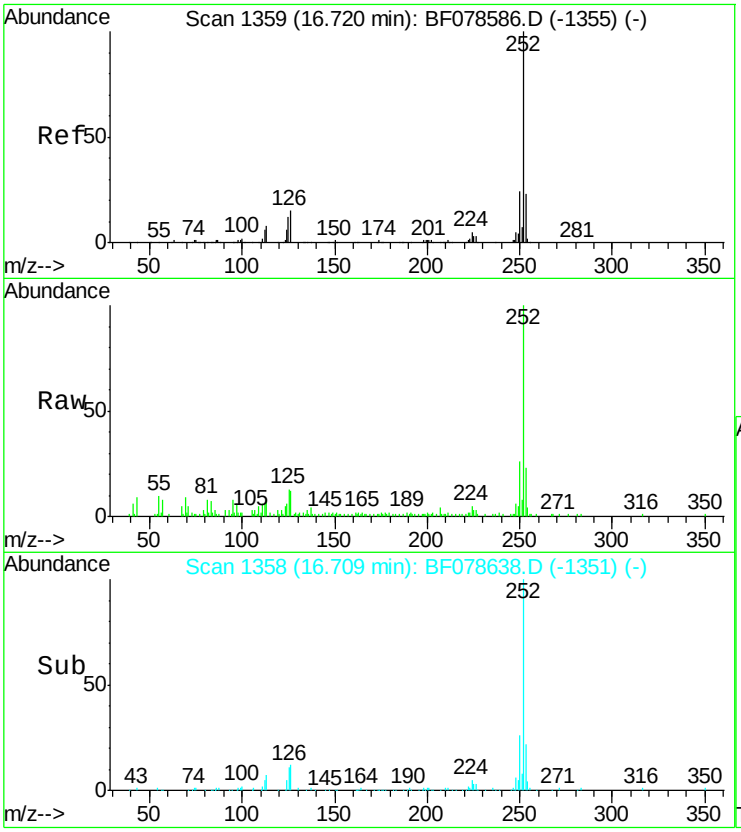


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.12 min Scan# 1394
Delta R.T. -0.03 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:264 Resp: 213357

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.6	17.0	25.6



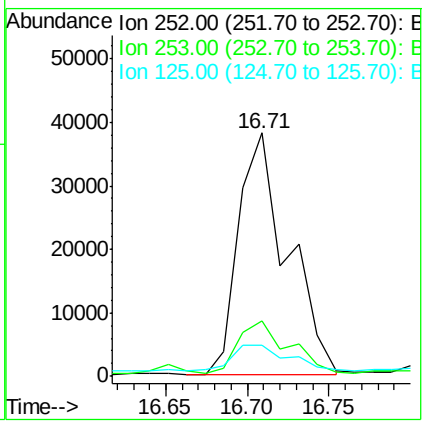


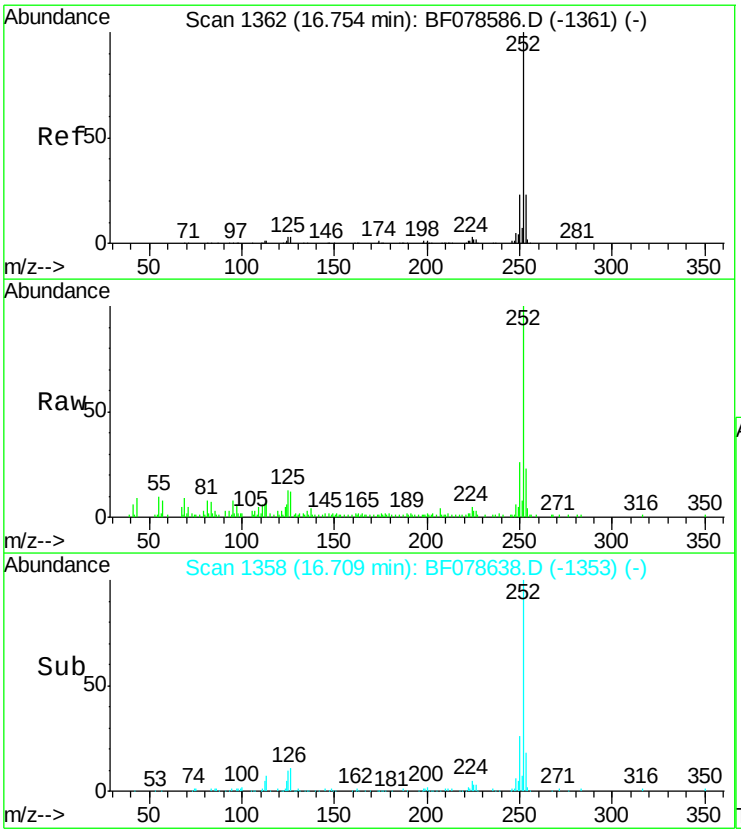
#87
Benzo(b)fluoranthene
Concen: 5.98 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:252 Resp: 78913

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.8	7.0	10.4#

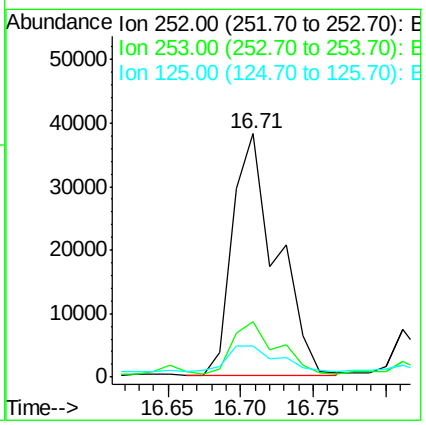


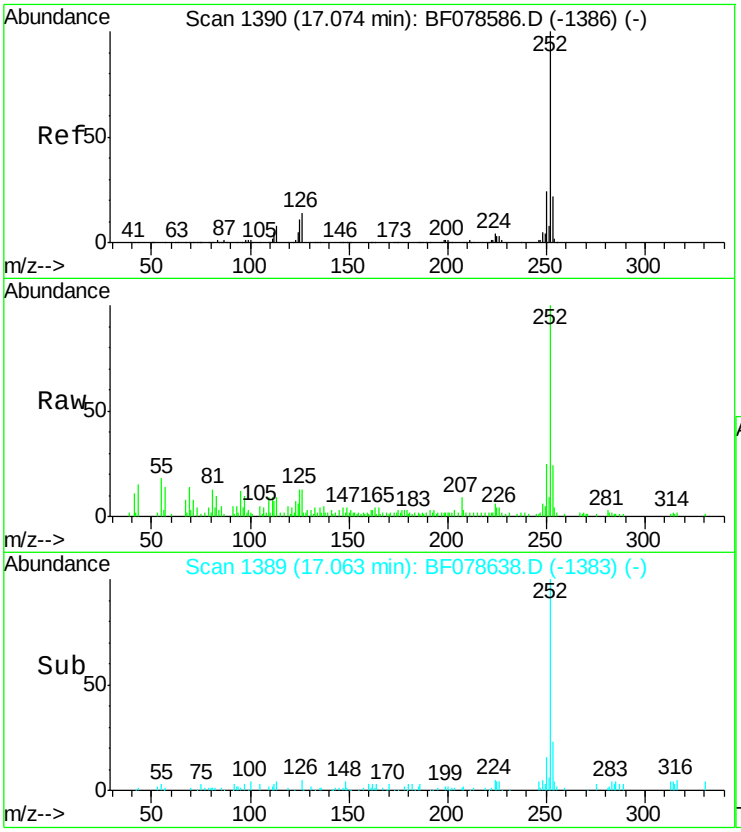


#88
Benzo(k)fluoranthene
Concen: 6.75 ng
RT: 16.71 min Scan# 1358
Delta R.T. -0.05 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Tgt Ion:252 Resp: 79065

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.8	11.6	17.4





#89
Benzo(a)pyrene
Concen: 2.90 ng
RT: 17.06 min Scan# 1389
Delta R.T. -0.03 min
Lab File: BF078638.D
Acq: 18 Apr 2015 11:53

Instrument :
BNA_F
ClientSampleId :
LS-SB11B

Tgt Ion:252 Resp: 33389

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.8	25.2
125	12.5	7.4	11.0#