Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078280.D
Acq On : 7 Apr 2015 3:40
Operator : TP/IZ
Sample : G1745-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-3D

Quant Time: Apr 07 03:36:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 04:11:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	37857	20.00	ng		0.00
21) Naphthalene-d8	8.57	136	140840	20.00	ng		0.01
38) Acenaphthene-d10	10.73	164	82470	20.00	ng		0.01
63) Phenanthrene-d10	12.56	188	146769	20.00	ng		0.01
75) Chrysene-d12	15.83	240	139918	20.00	ng		0.01
86) Perylene-d12	17.47	264	182872	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	227801	99.21	ng		0.01
7) Phenol-d6	6.58	99	296636	103.09	ng		0.00
23) Nitrobenzene-d5	7.68	82	162771	70.05	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	62177	90.91	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	359003	62.22	ng		0.00
78) Terphenyl-d14	14.55	244	397899	64.26	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	20094	10.54	ng	#	1
18) Hexachloroethane	7.55	117	6214	6.14	ng	#	1
22) Acetophenone	7.47	105	13020	3.97	ng	#	63
31) Naphthalene	8.62	128	8458908	1153.93	ng	#	91
32) Benzoic acid	8.30	122	453	6.19	ng	#	1
35) Caprolactam	9.14	113	1798	3.08	ng	#	88
37) 2-Methylnaphthalene	9.46	142	2159293	433.86	ng	#	95
45) 1,1'-Biphenyl	10.03	154	1198680	177.69	ng		97
47) 2-Nitroaniline	10.22	65	4620	3.52	ng	#	39
48) Acenaphthylene	10.54	152	681264	79.49	ng	#	96
49) Dimethylphthalate	10.42	163	12508	2.02	ng	#	99
51) Acenaphthene	10.77	154	2212203	458.45	ng		98
53) 2,4-Dinitrophenol	10.85	184	451	8.95	ng	#	1
54) Dibenzofuran	10.98	168	114154	15.49	ng	#	95
55) 4-Nitrophenol	10.92	139	2471	5.00	ng	#	52
56) 2,4-Dinitrotoluene	10.97	165	14703	8.91	ng	#	70
57) Fluorene	11.41	166	1542389	258.18	ng		98
61) 4-Nitroaniline	11.41	138	14925	10.19	ng	#	25
64) 4,6-Dinitro-2-methylphenol	11.54	198	217	8.81	ng	#	1
65) n-Nitrosodiphenylamine	11.56	169	48226	9.50	ng	#	1
70) Phenanthrene	12.61	178	5092967	599.89	ng		93
71) Anthracene	12.66	178	1469698	175.68	ng		97
72) Carbazole	12.86	167	35031	4.47	ng	#	88
74) Fluoranthene	14.08	202	3240752	361.96	ng		92
77) Pyrene	14.27	202	185379	21.11	ng		98
80) Benzo(a)anthracene	15.83	228	1517943	182.34	ng	#	92
82) Chrysene	15.86	228	1132618	144.81	ng		95
83) Bis(2-ethylhexyl)phthalate	15.88	149	11518	2.19	ng	#	92
85) Indeno(1,2,3-cd)pyrene	18.61	276	165203	18.61	ng		99
87) Benzo(b)fluoranthene	17.07	252	1505361	133.19	ng	#	95
88) Benzo(k)fluoranthene	17.07	252	1514123	150.75	ng		98
89) Benzo(a)pyrene	17.43	252	1328989	134.74	ng	#	94
90) Dibenzo(a,h)anthracene	18.76	278	114408	11.59	ng		97
91) Benzo(g,h,i)perylene	19.14	276	823938	83.22	ng		96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
Data File : BF078280.D
Acq On : 7 Apr 2015 3:40
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3D

Quant Time: Apr 07 03:36:33 2015
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
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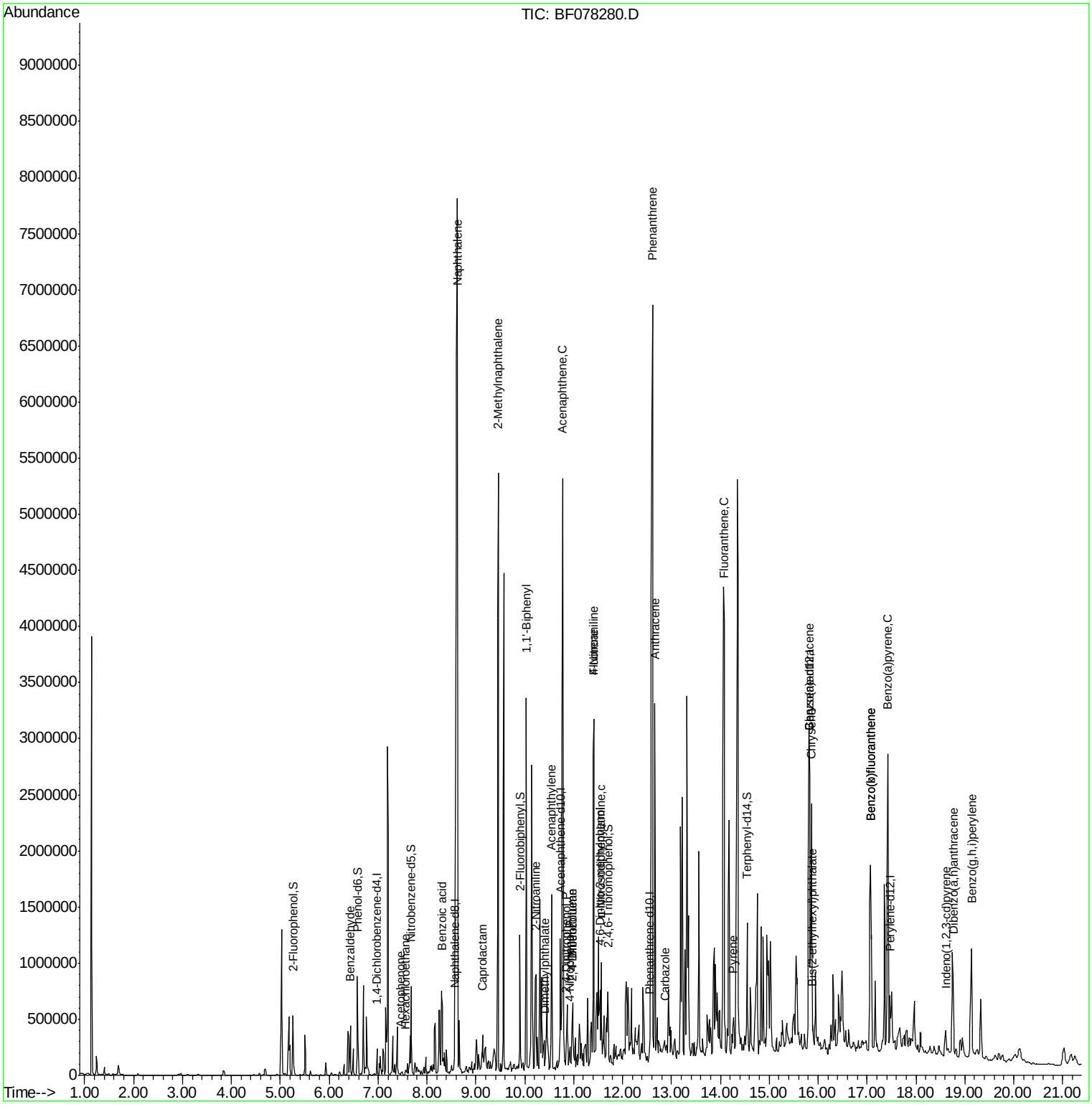
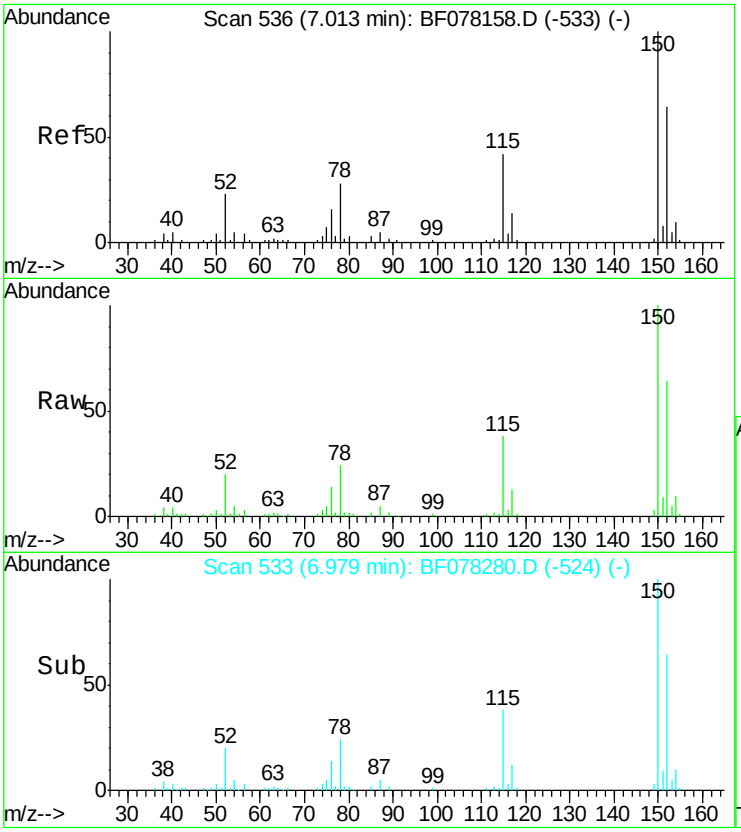


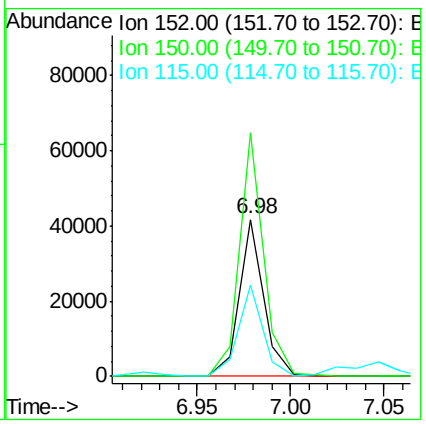


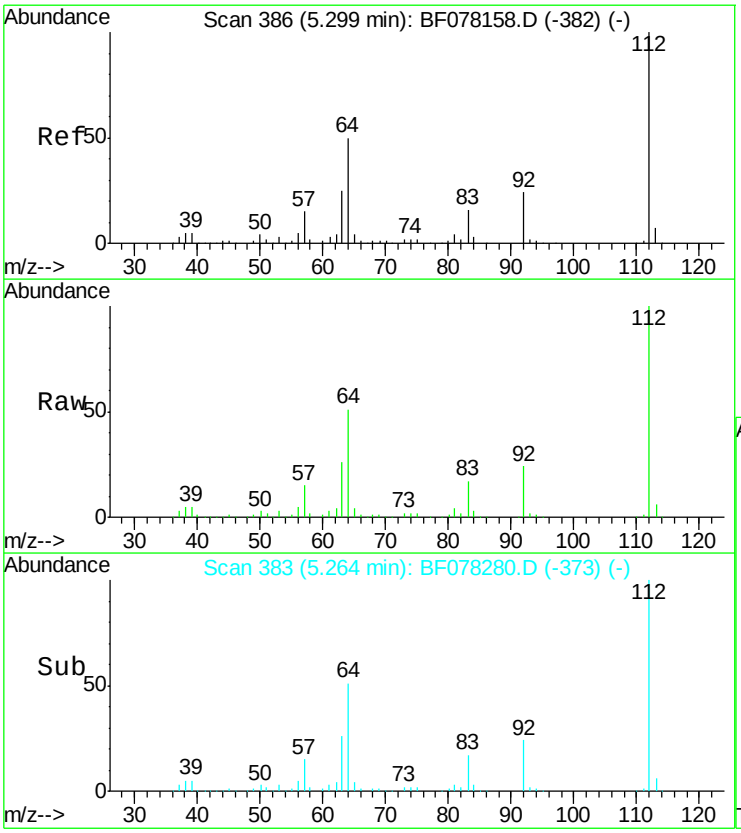
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:152 Resp: 37857

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.9	188.9
115	58.4	52.7	79.1

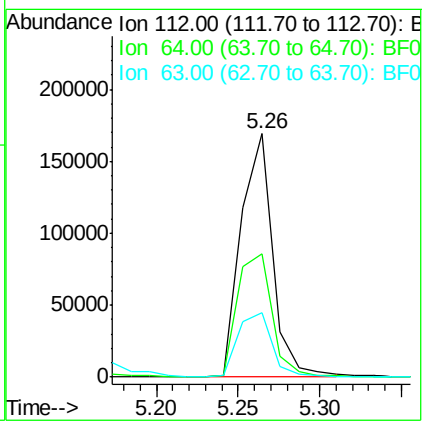


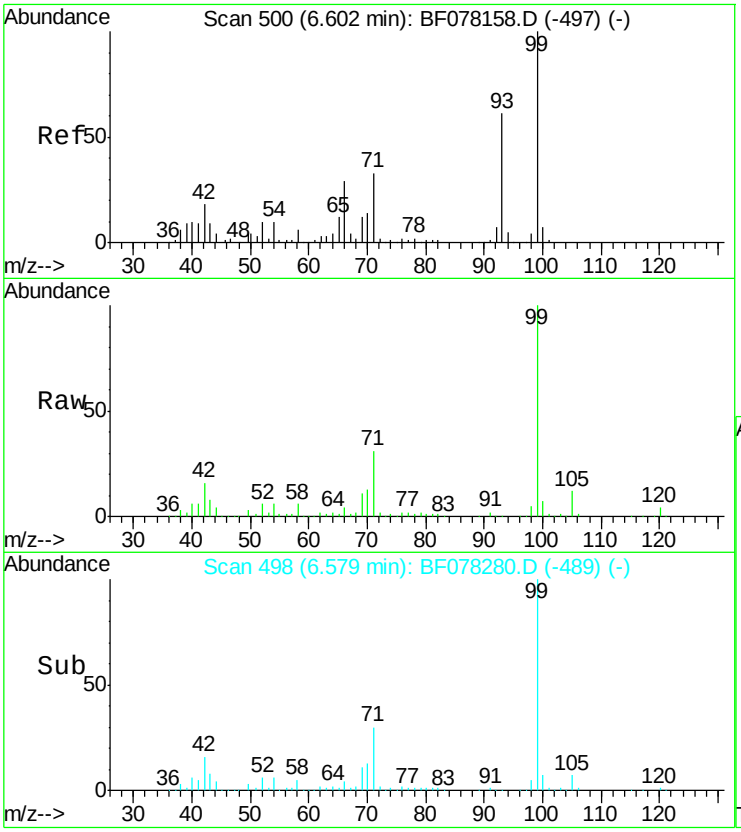


#5
2-Fluorophenol
Concen: 99.21 ng
RT: 5.26 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:112 Resp: 227801

Ion	Ratio	Lower	Upper
112	100		
64	50.5	39.9	59.9
63	26.2	20.2	30.4



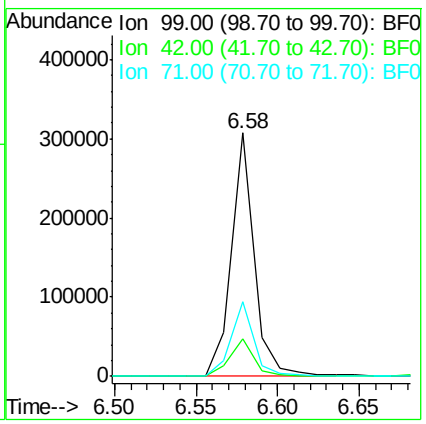


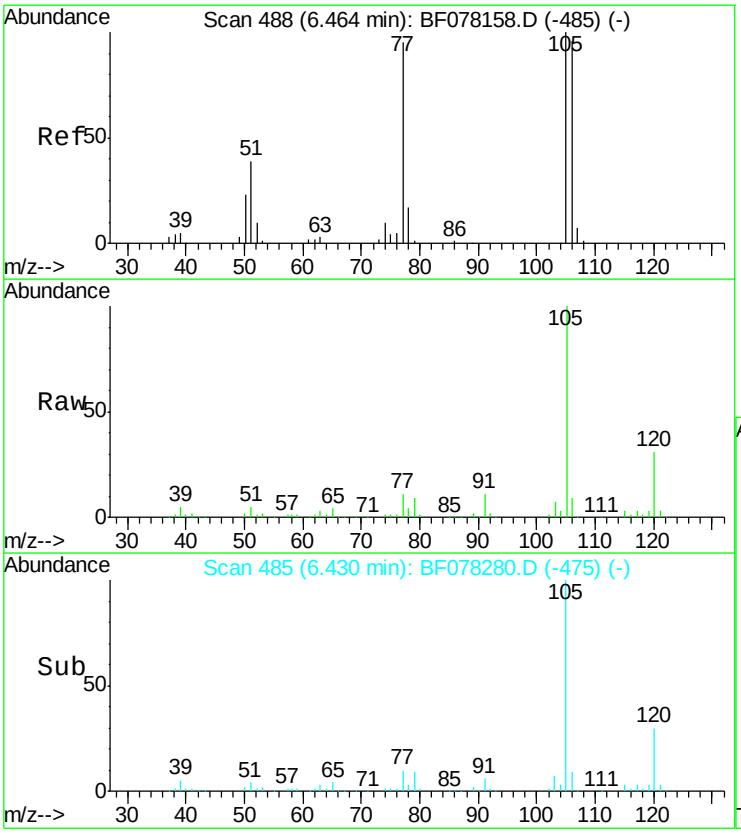
#7
Phenol-d6
Concen: 103.09 ng
RT: 6.58 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion: 99 Resp: 296636

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.8	22.2
71	30.5	26.6	39.8

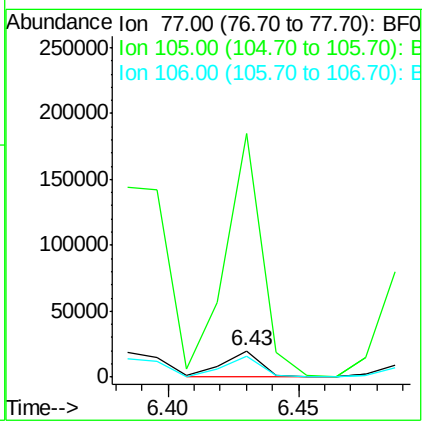


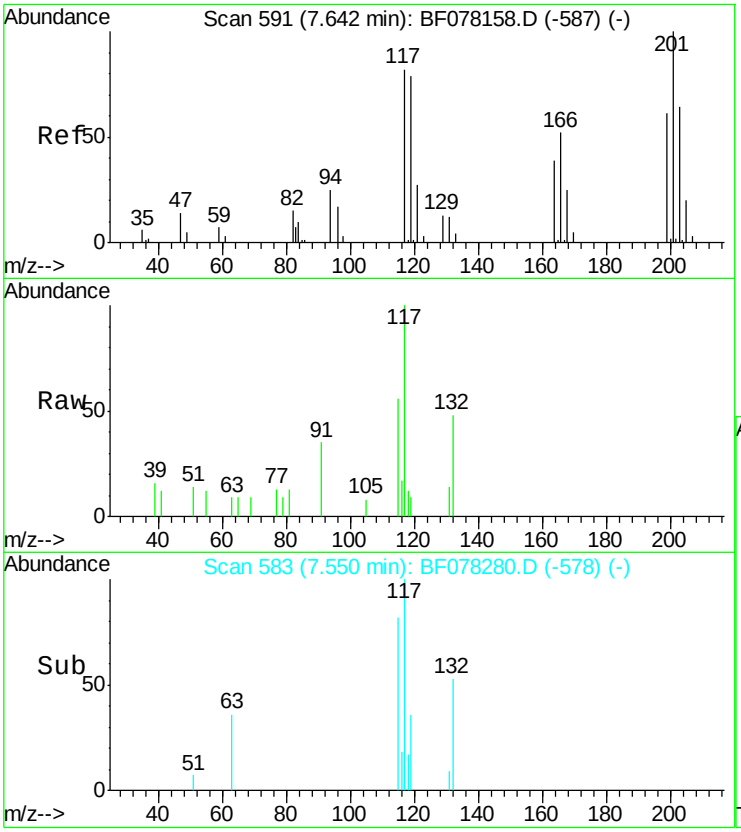


#9
Benzaldehyde
Concen: 10.54 ng
RT: 6.43 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion: 77 Resp: 20094

Ion	Ratio	Lower	Upper
77	100		
105	932.0	85.4	125.4#
106	80.6	80.8	120.8#



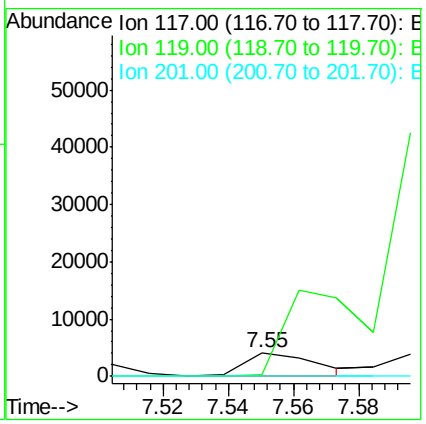


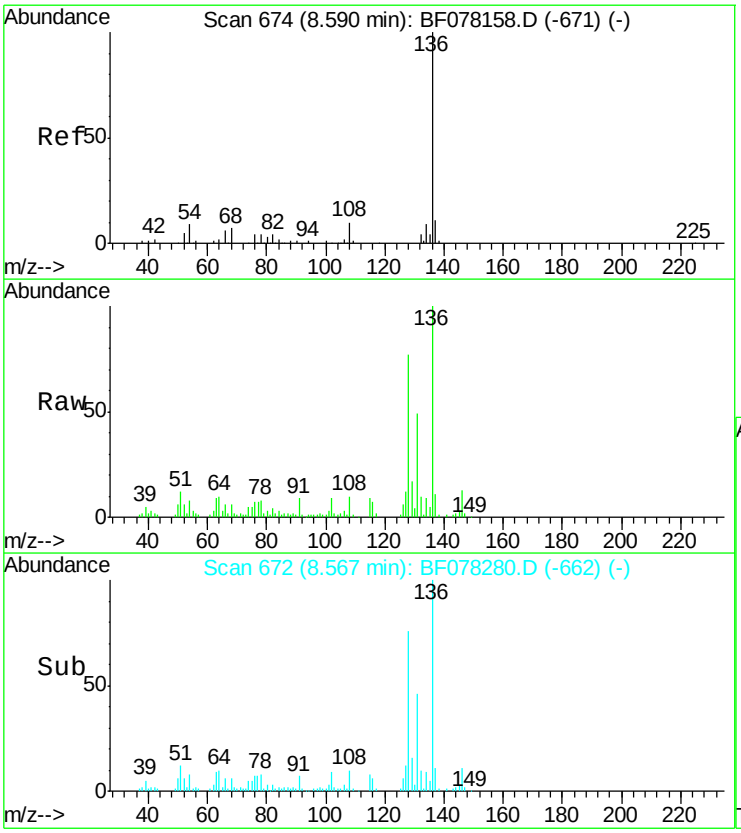
#18
Hexachloroethane
Concen: 6.14 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.05 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:117 Resp: 6214

Ion	Ratio	Lower	Upper
117	100		
119	9.3	77.0	115.6#
201	0.0	98.1	147.1#

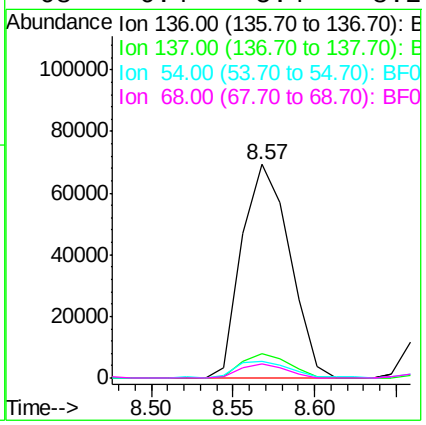


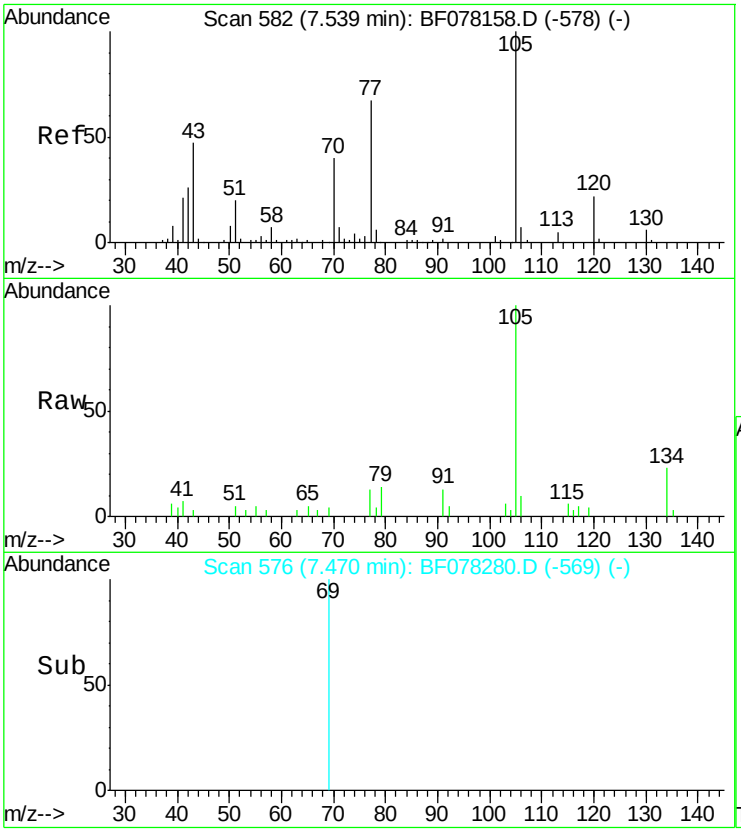


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.57 min Scan# 672
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:136 Resp: 140840

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.6	7.0	10.6
68	6.4	5.4	8.2



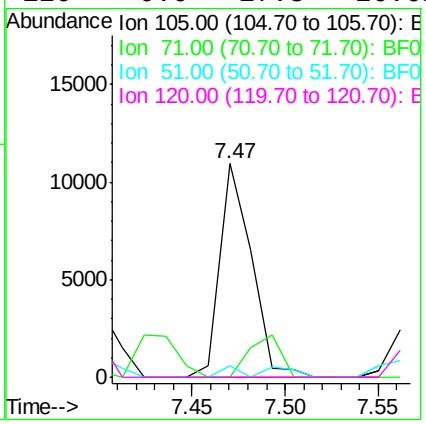


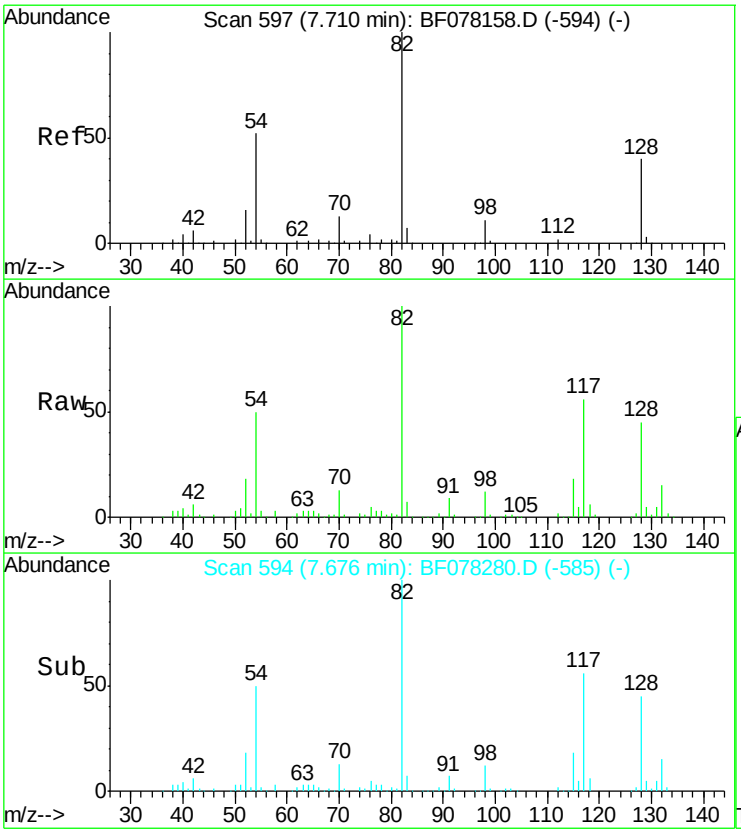
#22
Acetophenone
Concen: 3.97 ng
RT: 7.47 min Scan# 576
Delta R.T. -0.02 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:105 Resp: 13020

Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	5.4	16.0	24.0#
120	0.0	17.8	26.6#

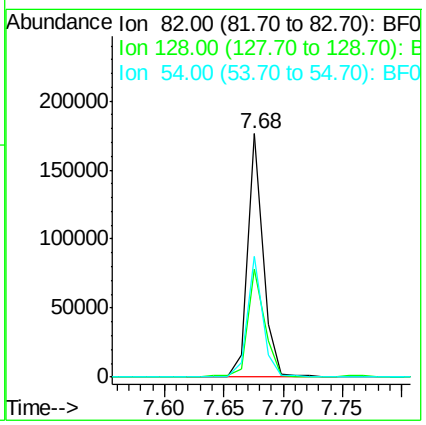


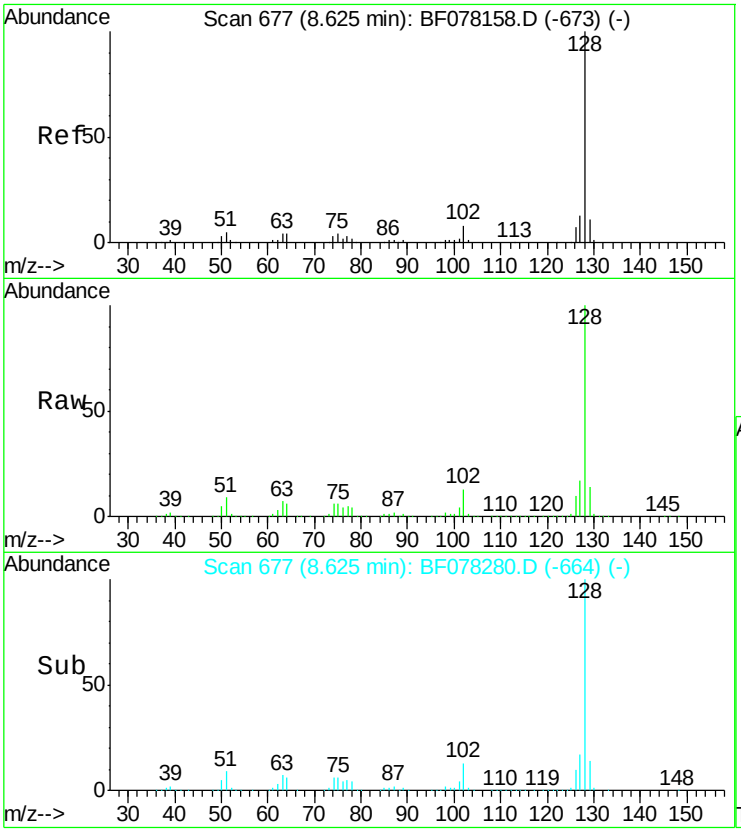


#23
Nitrobenzene-d5
Concen: 70.05 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion: 82 Resp: 162771

Ion	Ratio	Lower	Upper
82	100		
128	44.6	31.8	47.8
54	49.7	41.5	62.3



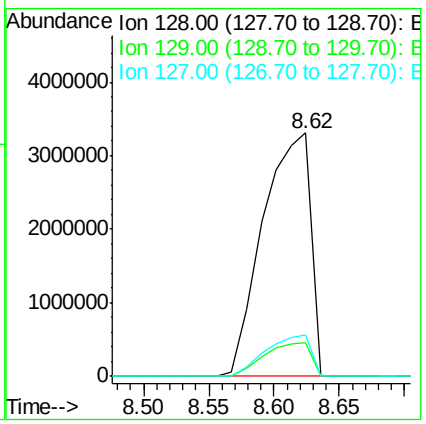


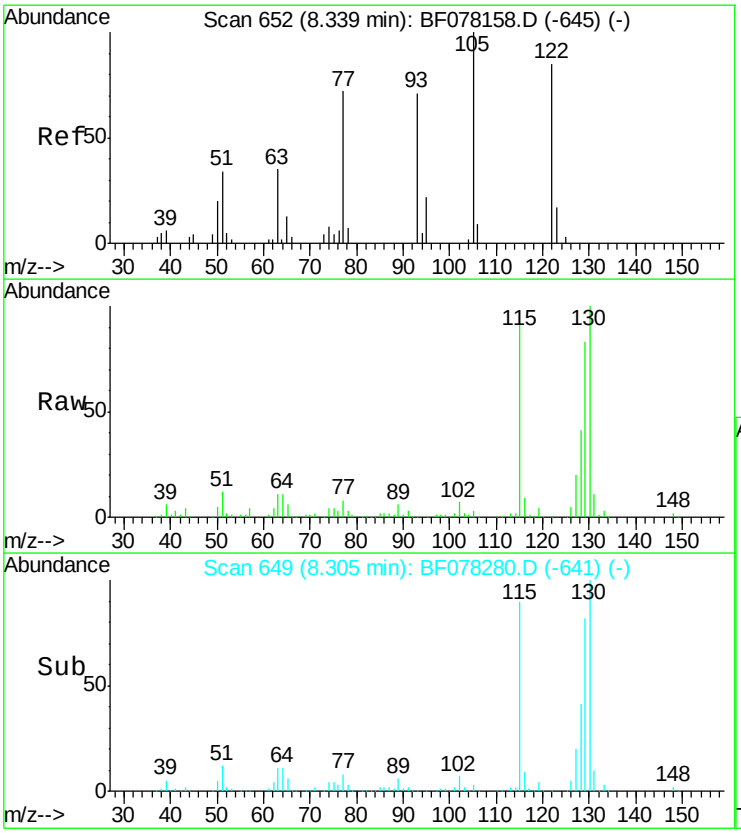
#31
Naphthalene
Concen: 1153.93 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.05 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:128 Resp: 8458908

Ion	Ratio	Lower	Upper
128	100		
129	13.8	8.6	12.8#
127	17.1	10.7	16.1#

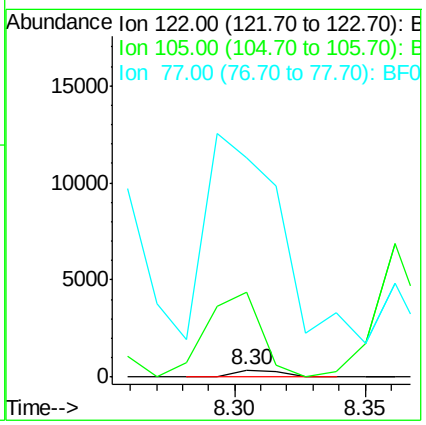


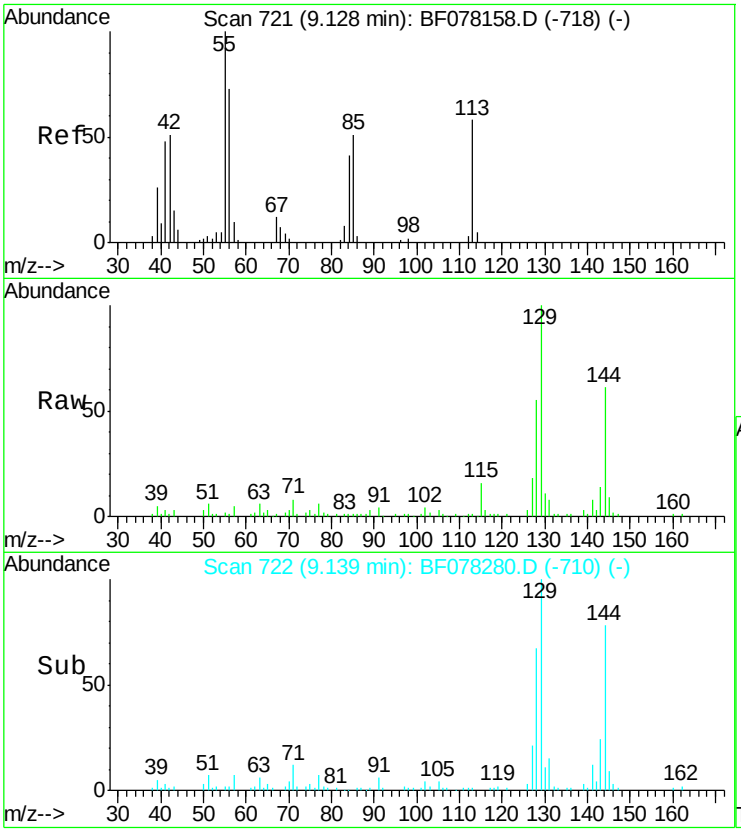


#32
Benzoic acid
Concen: 6.19 ng
RT: 8.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:122 Resp: 453

Ion	Ratio	Lower	Upper
122	100		
105	1230.6	96.1	136.1#
77	3179.2	64.1	104.1#



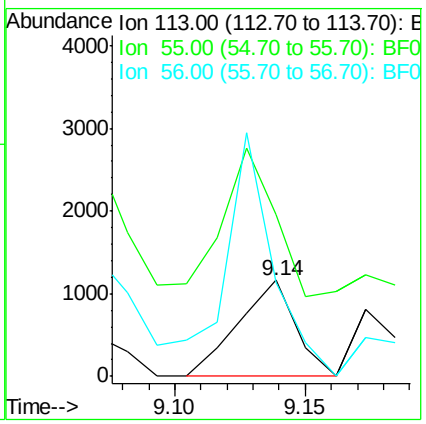


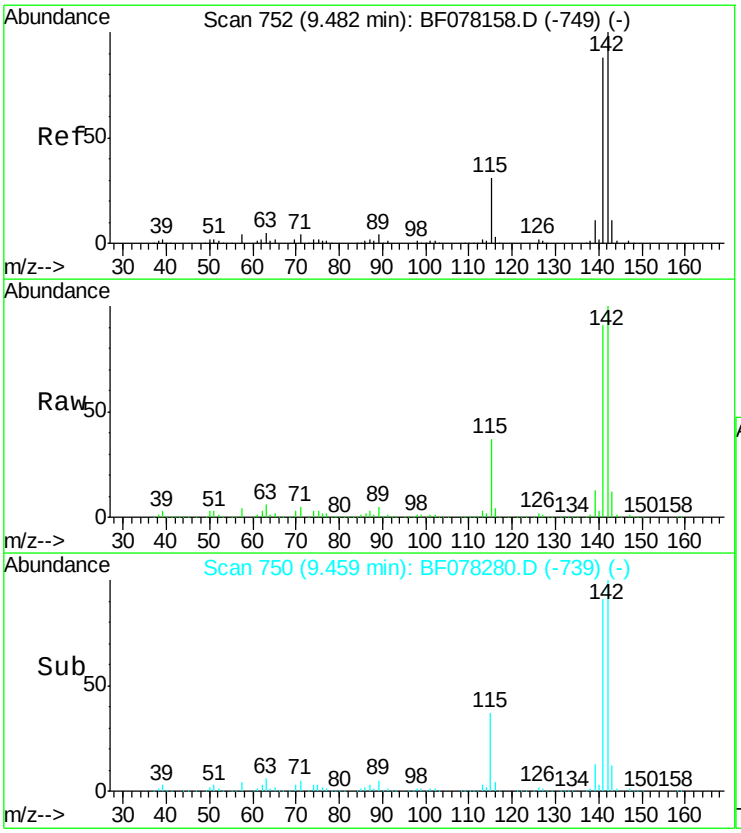
#35
Caprolactam
Concen: 3.08 ng
RT: 9.14 min Scan# 722
Delta R.T. 0.03 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:113 Resp: 1798

Ion	Ratio	Lower	Upper
113	100		
55	168.1	151.9	191.9
56	97.7	106.1	146.1#

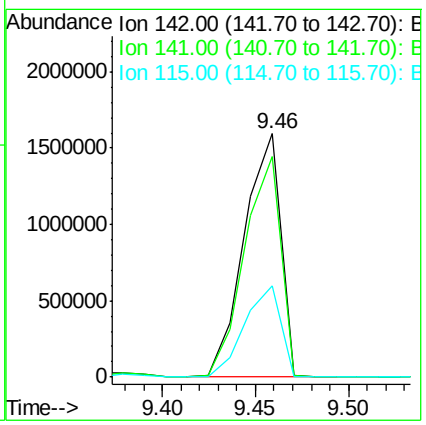


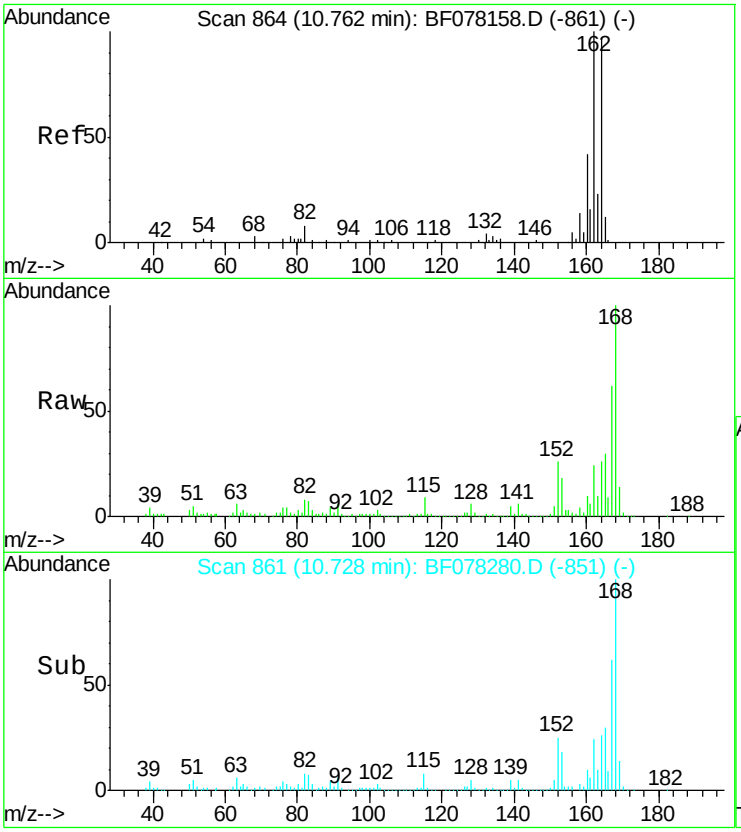


#37
2-Methylnaphthalene
Concen: 433.86 ng
RT: 9.46 min Scan# 750
Delta R.T. 0.02 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:142 Resp: 2159293

Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.3	105.5
115	37.5	24.6	37.0#



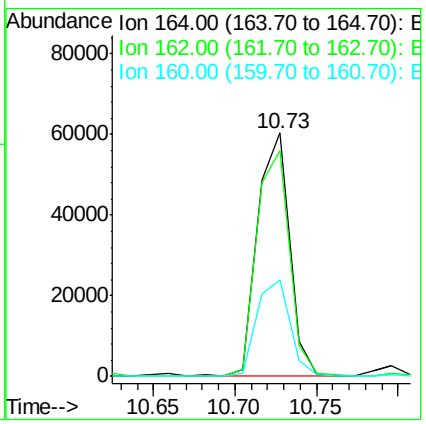


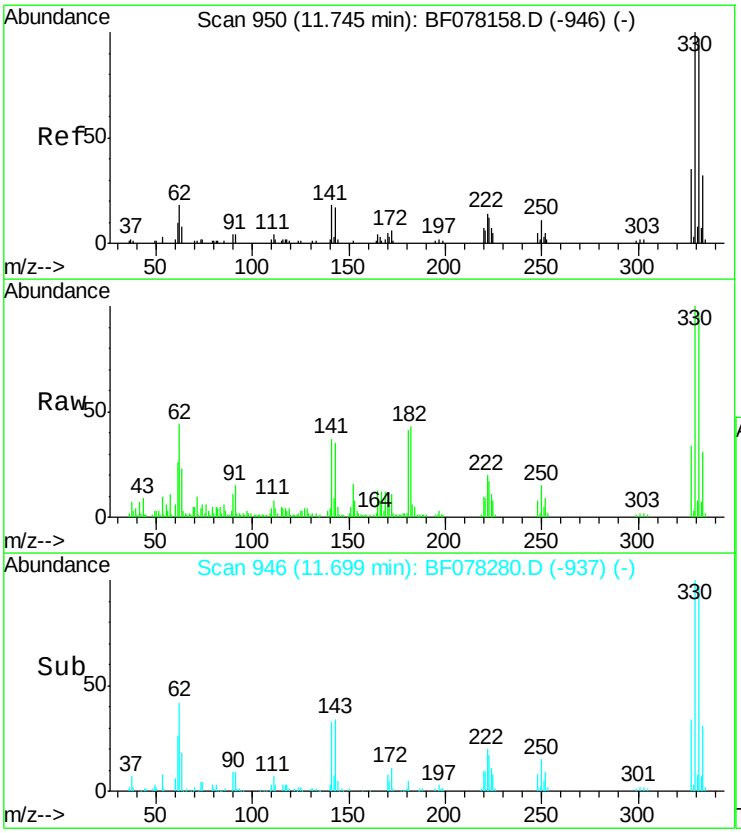
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.73 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:164 Resp: 82470

Ion	Ratio	Lower	Upper
164	100		
162	92.8	82.2	123.2
160	39.8	34.7	52.1

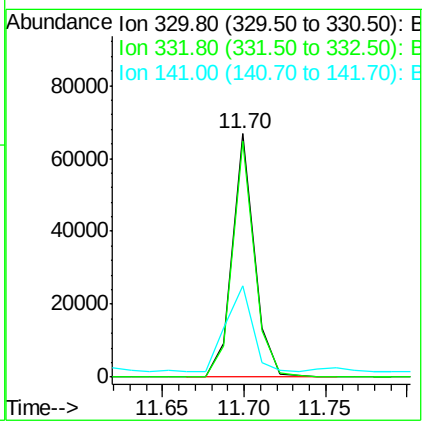


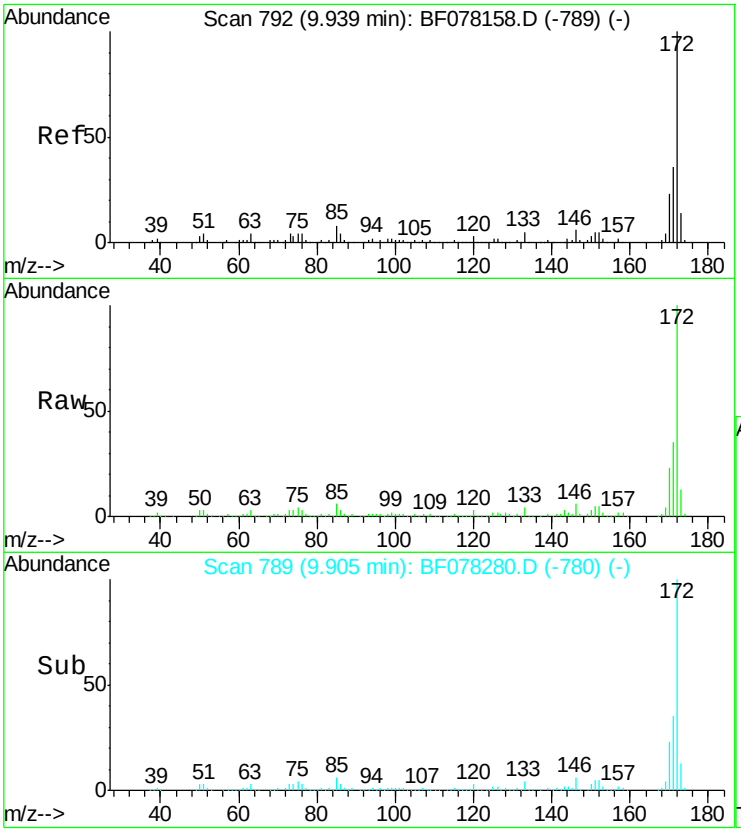


#41
2,4,6-Tribromophenol
Concen: 90.91 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:330 Resp: 62177

Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	117.8
141	44.4	31.2	46.8



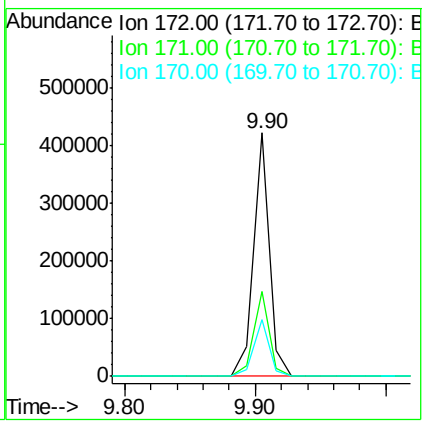


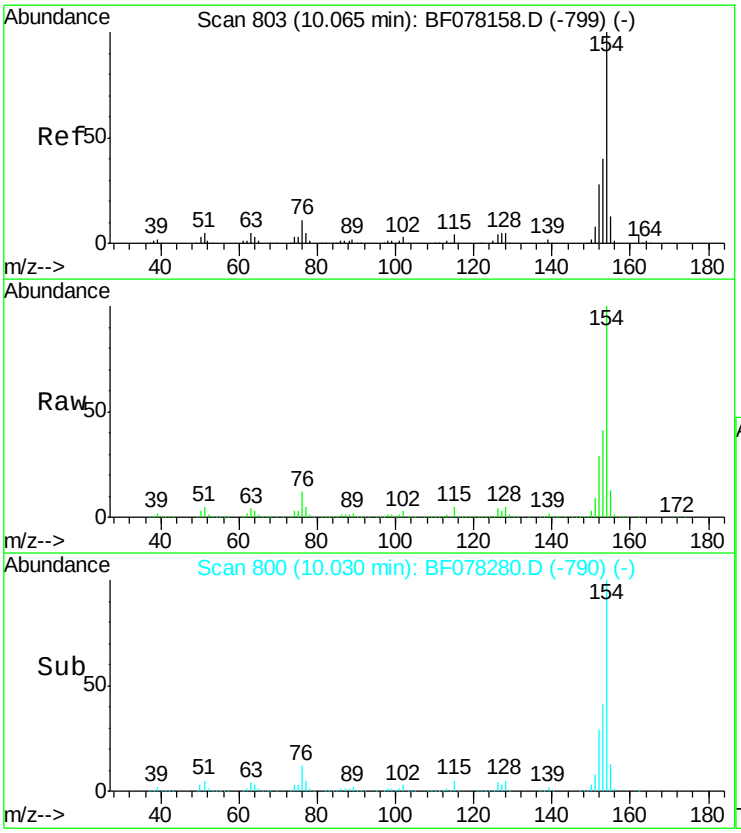
#44
2-Fluorobiphenyl
Concen: 62.22 ng
RT: 9.90 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:172 Resp: 359003

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.4	18.5	27.7

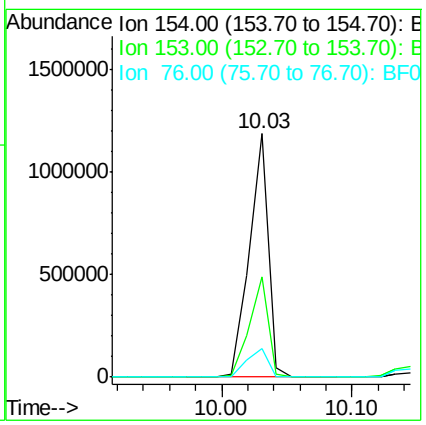


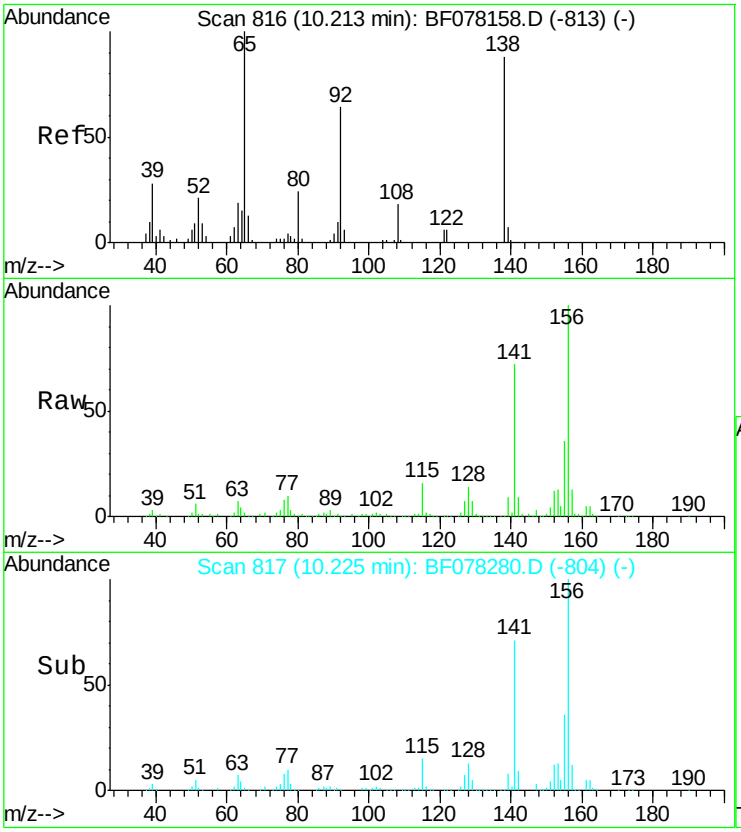


#45
1,1'-Biphenyl
Concen: 177.69 ng
RT: 10.03 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:154 Resp: 1198680

Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.0	60.0
76	12.0	0.0	30.6



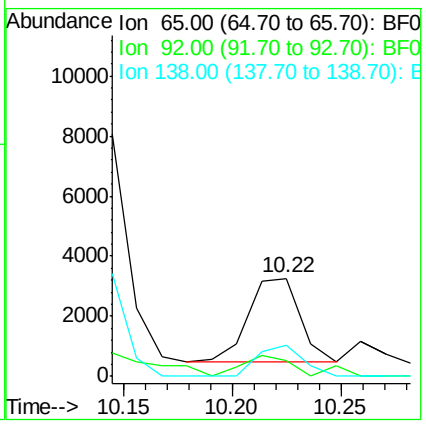


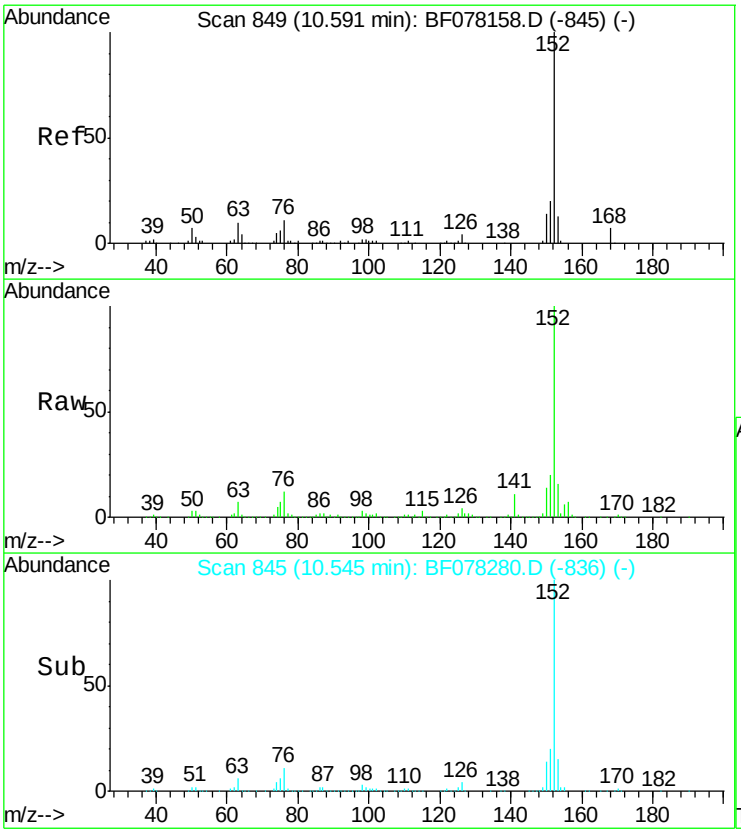
#47
2-Nitroaniline
Concen: 3.52 ng
RT: 10.22 min Scan# 817
Delta R.T. 0.05 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion: 65 Resp: 4620

Ion	Ratio	Lower	Upper
65	100		
92	15.4	51.3	76.9#
138	31.4	70.4	105.6#

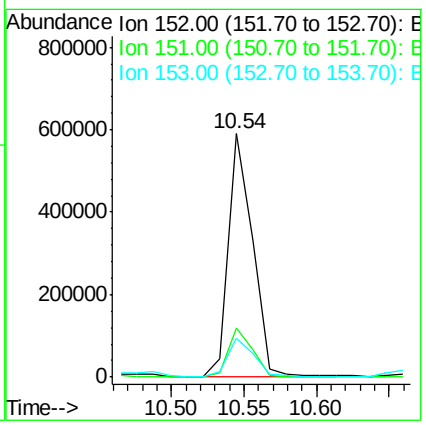


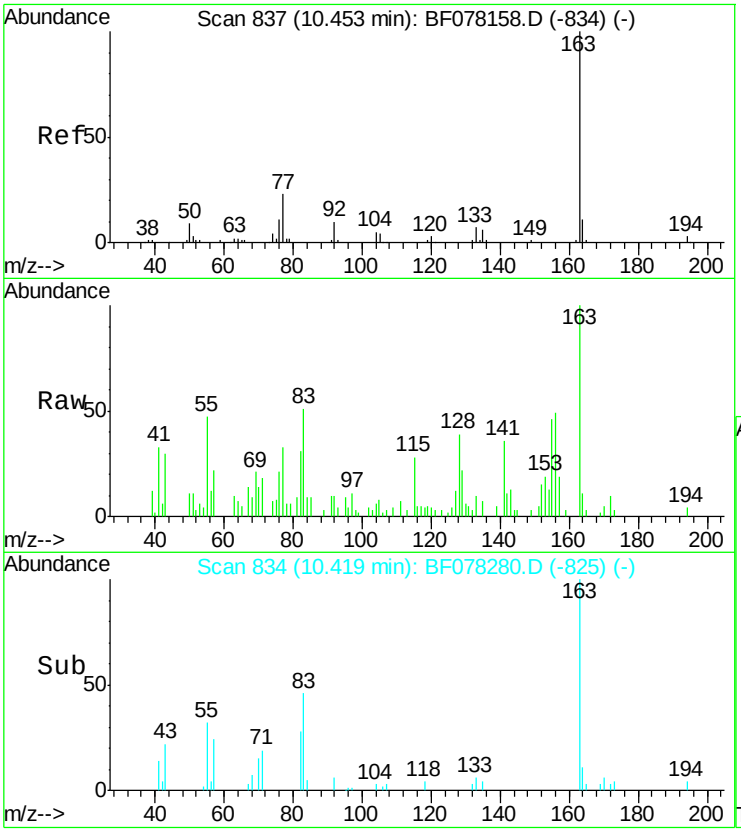


#48
Acenaphthylene
Concen: 79.49 ng
RT: 10.54 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:152 Resp: 681264

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.7	23.5
153	16.0	10.2	15.2#



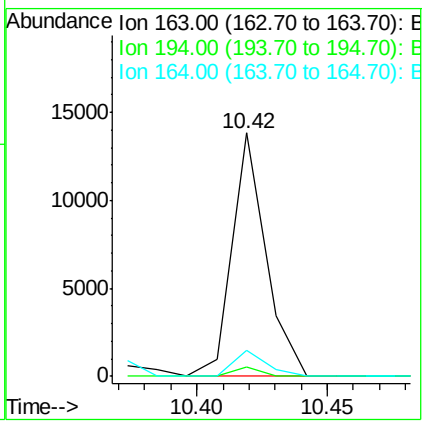


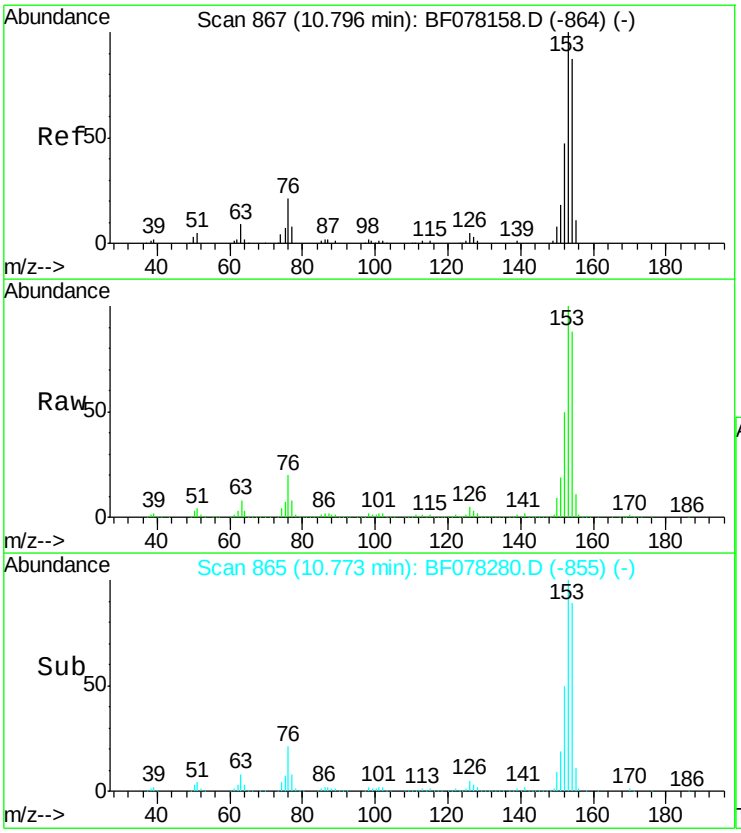
#49
Dimethylphthalate
Concen: 2.02 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:163 Resp: 12508

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.3	3.5#
164	10.6	8.6	13.0

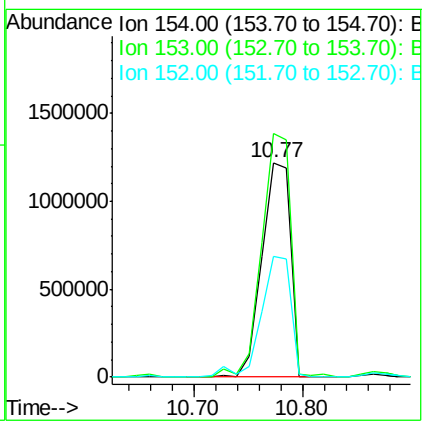


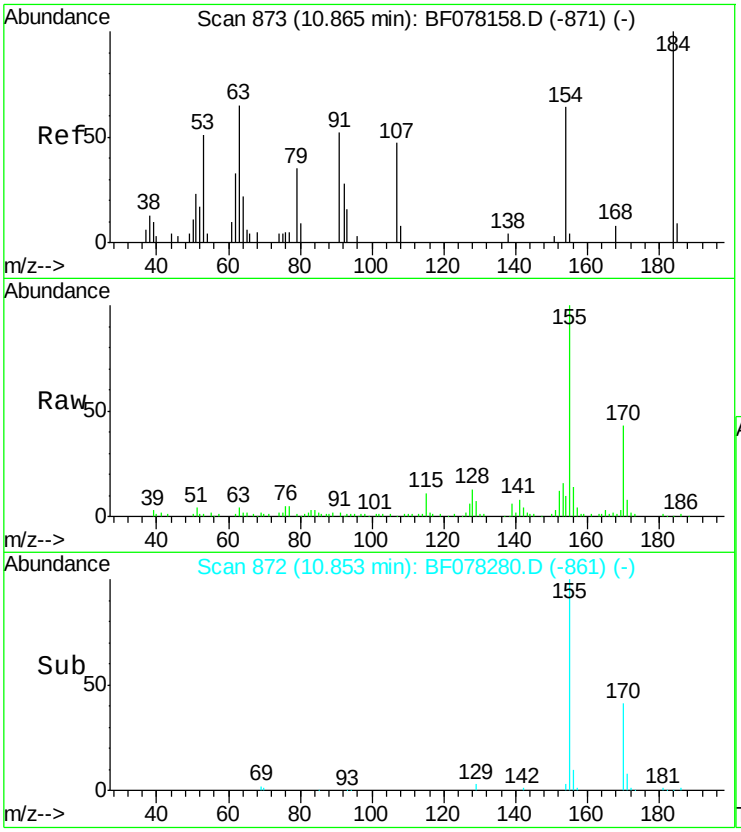


#51
Acenaphthene
Concen: 458.45 ng
RT: 10.77 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:154 Resp: 2212203

Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.4	137.2
152	56.5	43.0	64.6



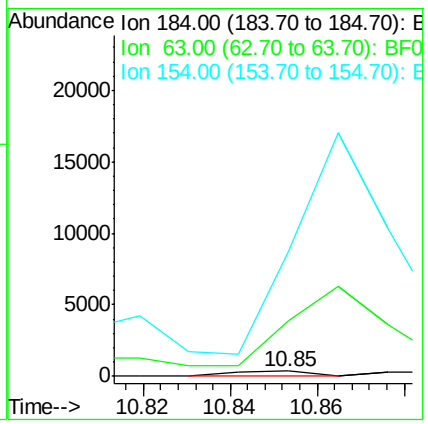


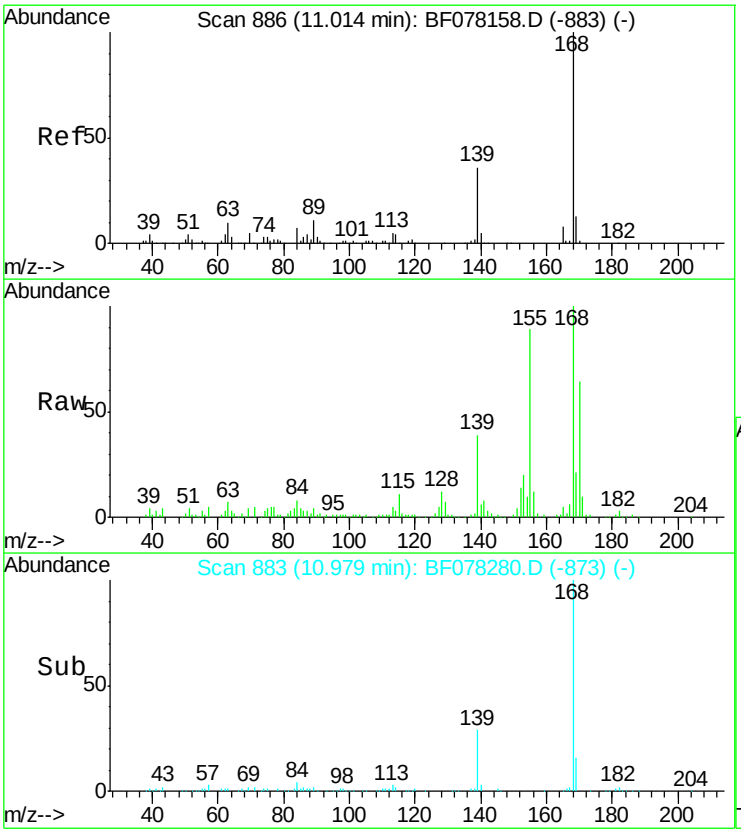
#53
2,4-Dinitrophenol
Concen: 8.95 ng
RT: 10.85 min Scan# 872
Delta R.T. 0.02 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:184 Resp: 451

Ion	Ratio	Lower	Upper
184	100		
63	1114.9	51.9	77.9#
154	2499.7	51.0	76.4#

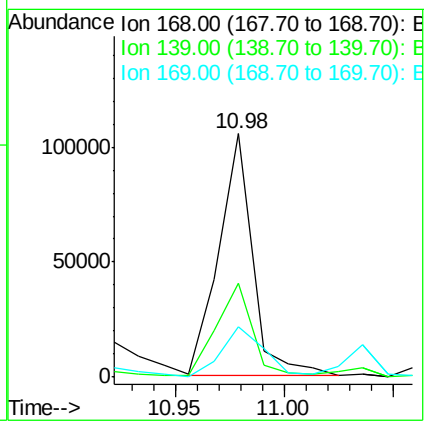


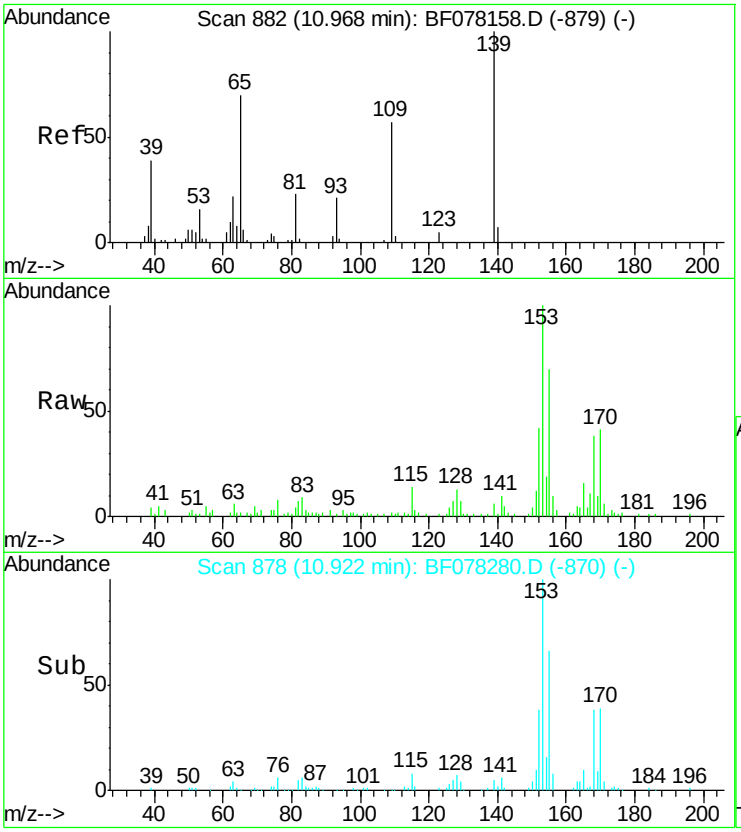


#54
Dibenzofuran
Concen: 15.49 ng
RT: 10.98 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:168 Resp: 114154

Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.0	46.4
169	20.6	10.7	16.1#



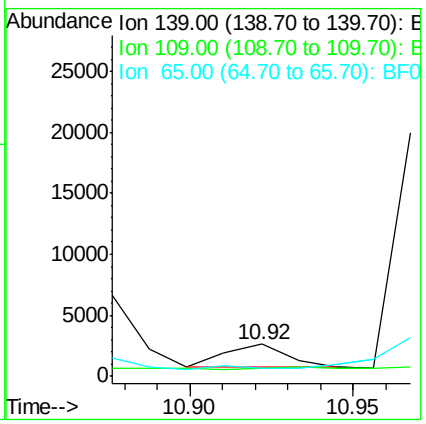


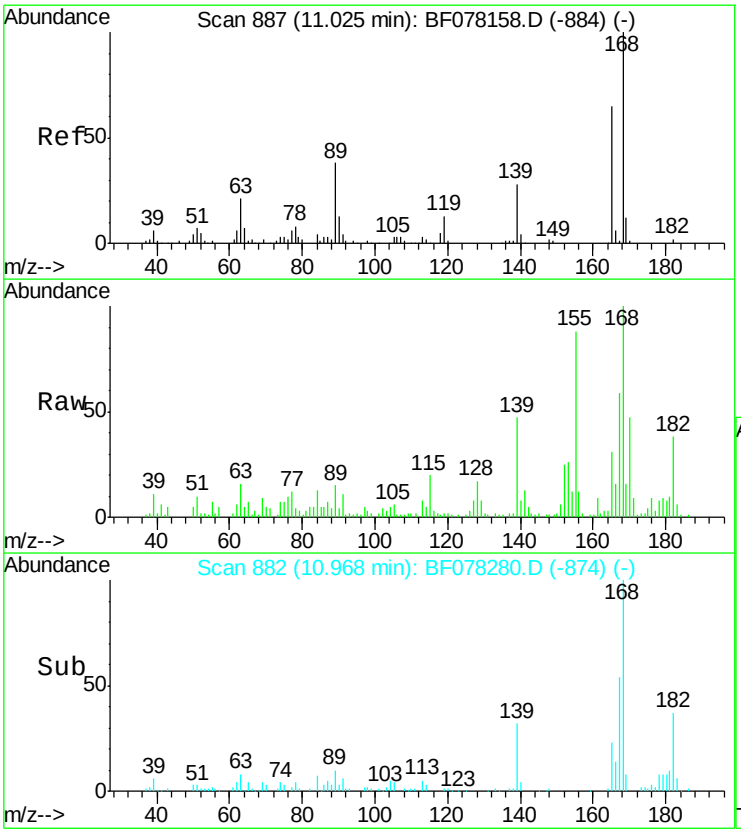
#55
4-Nitrophenol
Concen: 5.00 ng
RT: 10.92 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:139 Resp: 2471

Ion	Ratio	Lower	Upper
139	100		
109	25.9	36.7	76.7#
65	25.9	49.9	89.9#

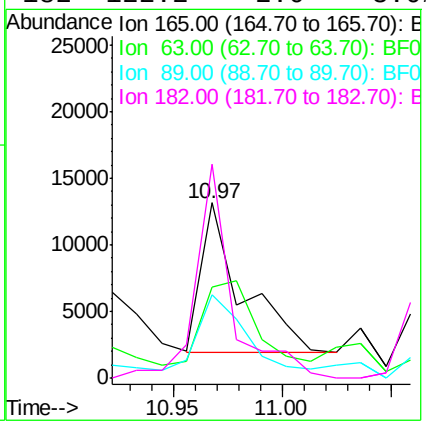


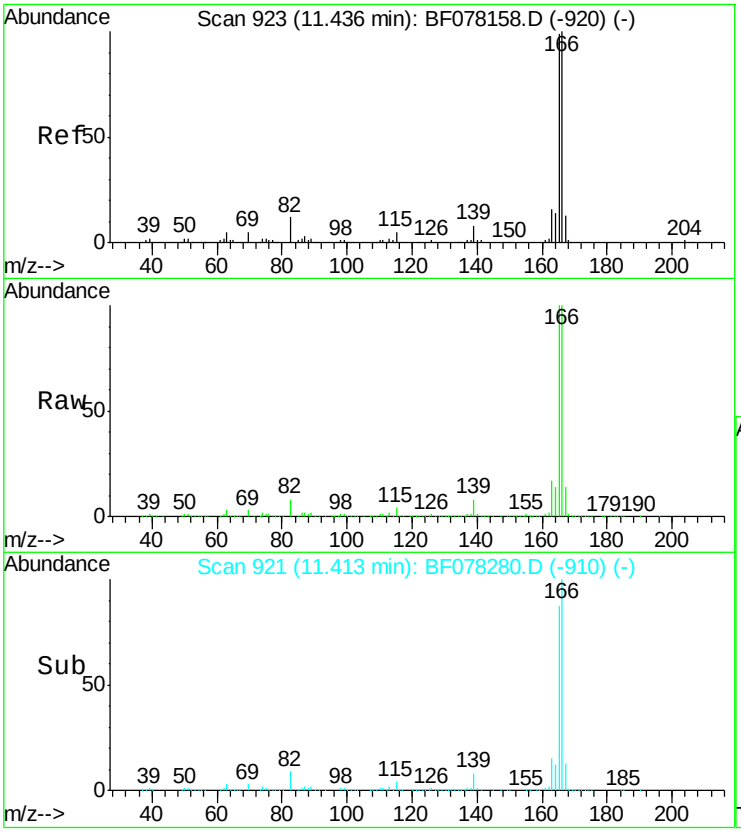


#56
2,4-Dinitrotoluene
Concen: 8.91 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:165 Resp: 14703

Ion	Ratio	Lower	Upper
165	100		
63	51.9	26.5	39.7#
89	47.5	46.4	69.6
182	122.2	2.0	3.0#



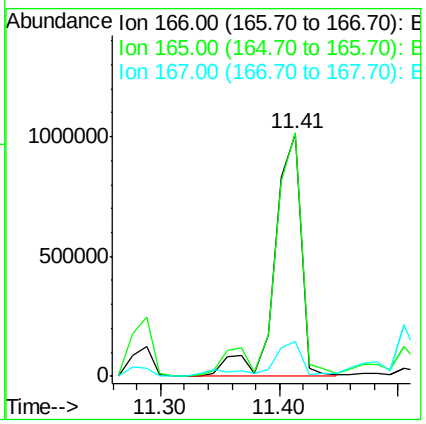


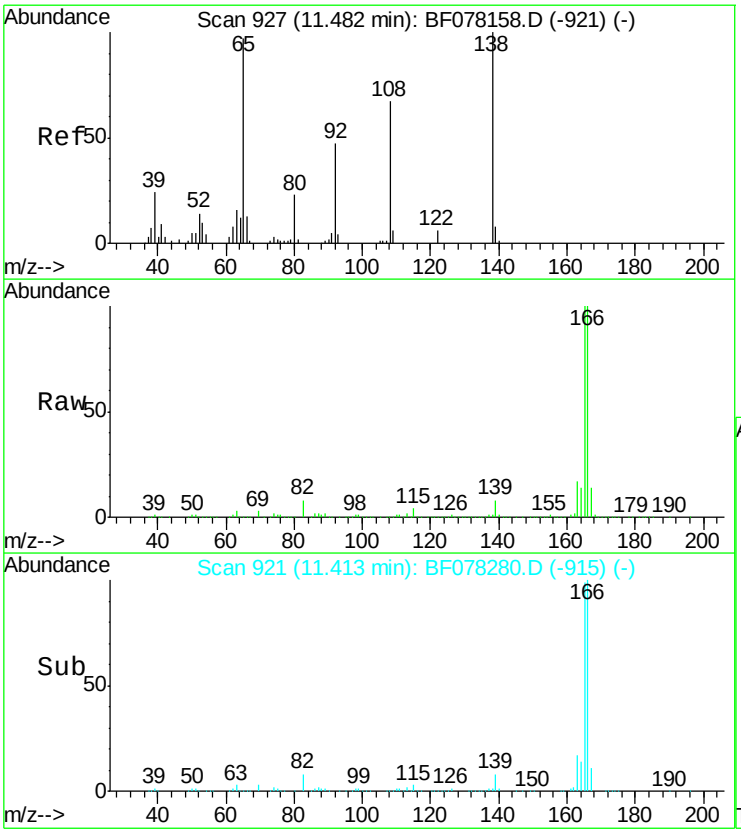
#57
Fluorene
Concen: 258.18 ng
RT: 11.41 min Scan# 921
Delta R.T. 0.02 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:166 Resp: 1542389

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.9	118.3
167	14.3	10.7	16.1

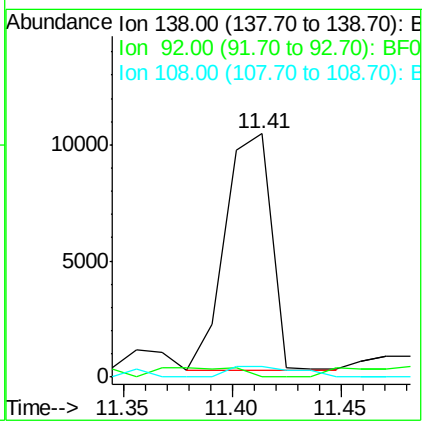


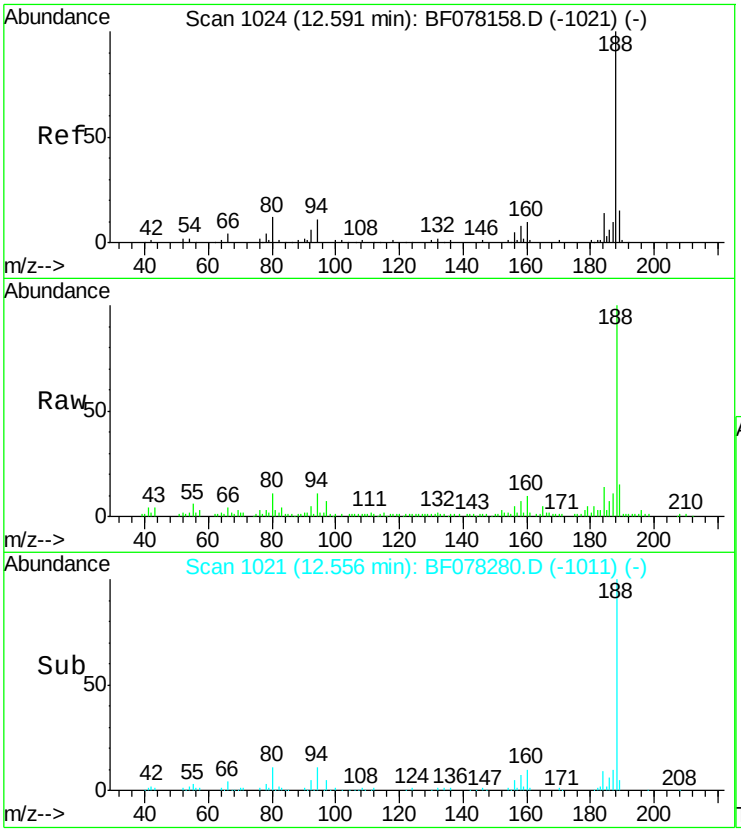


#61
4-Nitroaniline
Concen: 10.19 ng
RT: 11.41 min Scan# 921
Delta R.T. -0.03 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:138 Resp: 14925

Ion	Ratio	Lower	Upper
138	100		
92	0.0	27.3	67.3#
108	4.1	47.2	87.2#



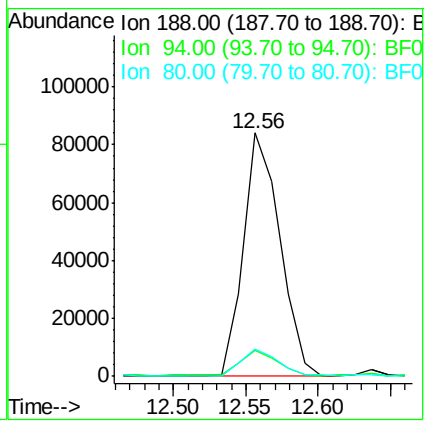


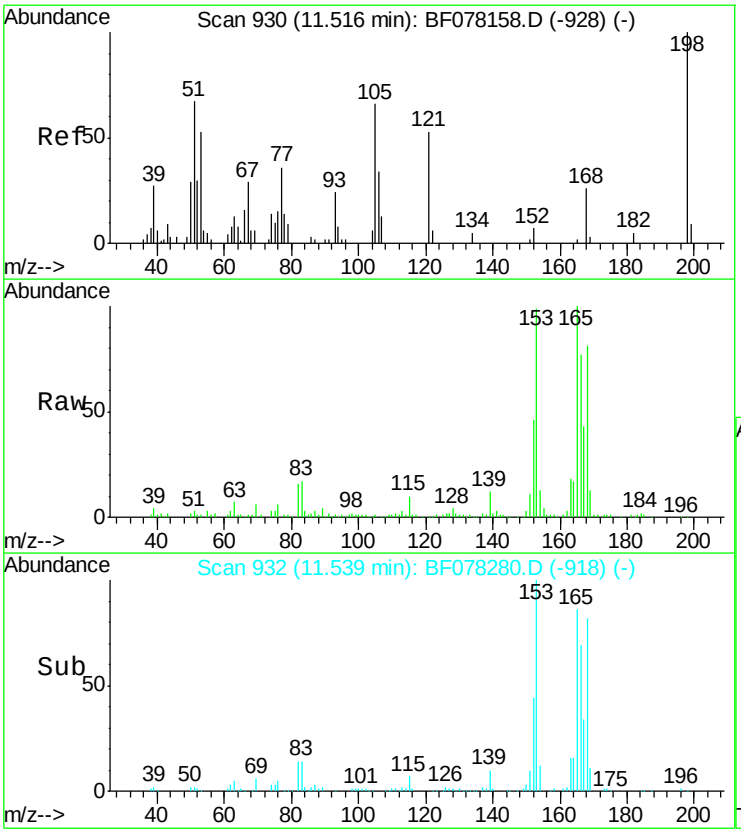
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.56 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:188 Resp: 146769

Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	11.2	9.5	14.3

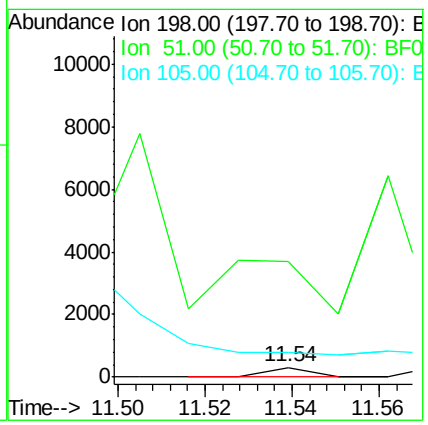


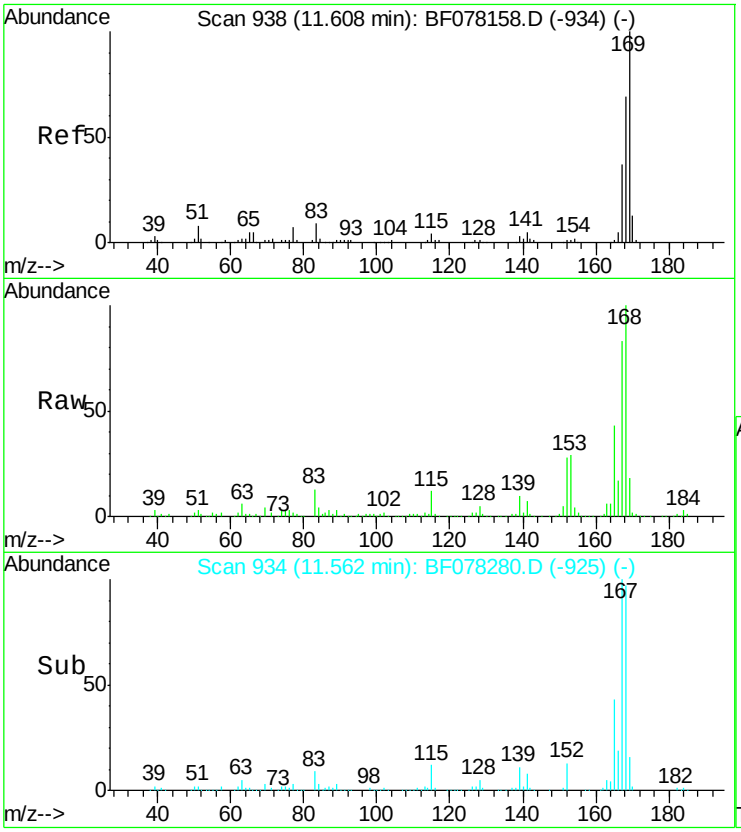


#64
4,6-Dinitro-2-methylphenol
Concen: 8.81 ng
RT: 11.54 min Scan# 932
Delta R.T. 0.06 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:198 Resp: 217

Ion	Ratio	Lower	Upper
198	100		
51	1162.5	48.6	88.6#
105	250.8	45.8	85.8#



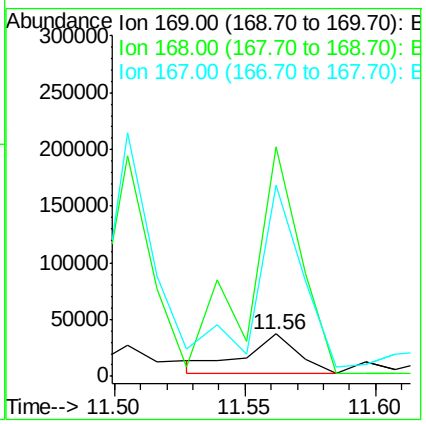


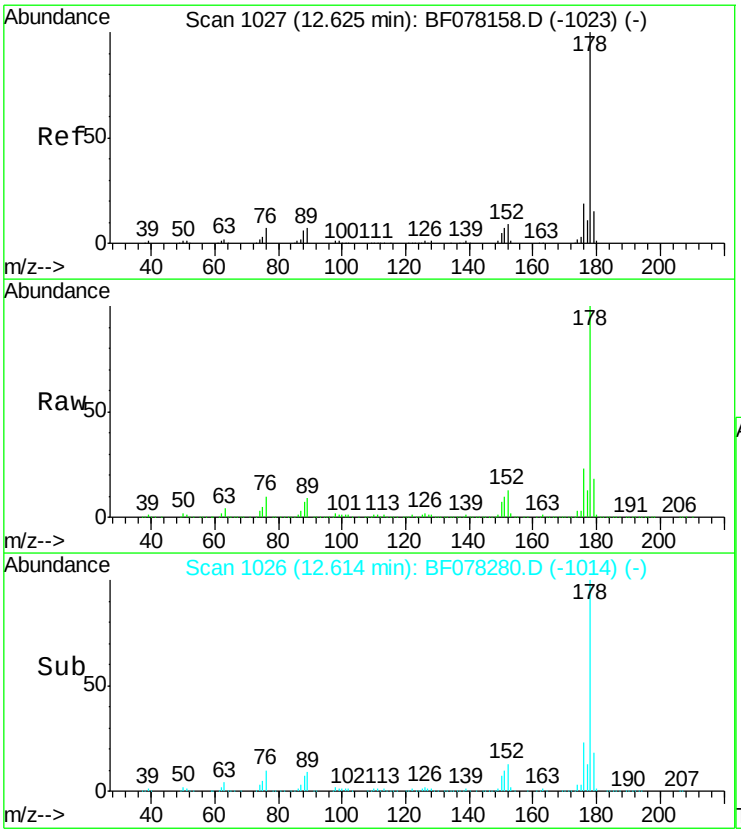
#65
n-Nitrosodiphenylamine
Concen: 9.50 ng
RT: 11.56 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:169 Resp: 48226

Ion	Ratio	Lower	Upper
169	100		
168	541.4	55.0	82.4#
167	450.8	29.3	43.9#

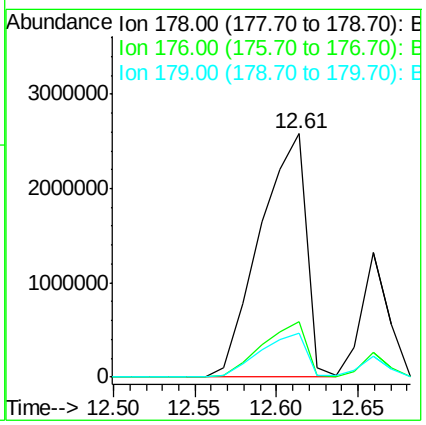


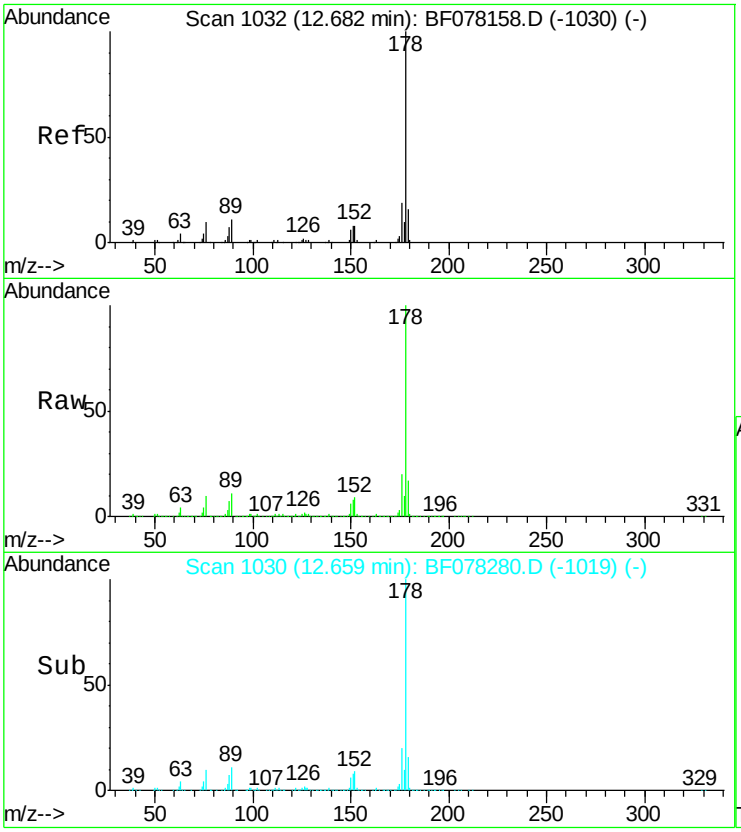


#70
Phenanthrene
Concen: 599.89 ng
RT: 12.61 min Scan# 1026
Delta R.T. 0.03 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:178 Resp: 5092967

Ion	Ratio	Lower	Upper
178	100		
176	22.7	15.4	23.0
179	17.8	12.2	18.2



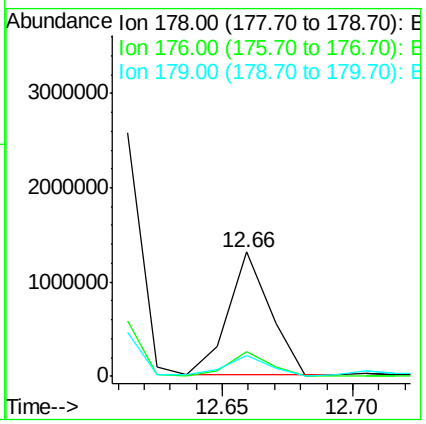


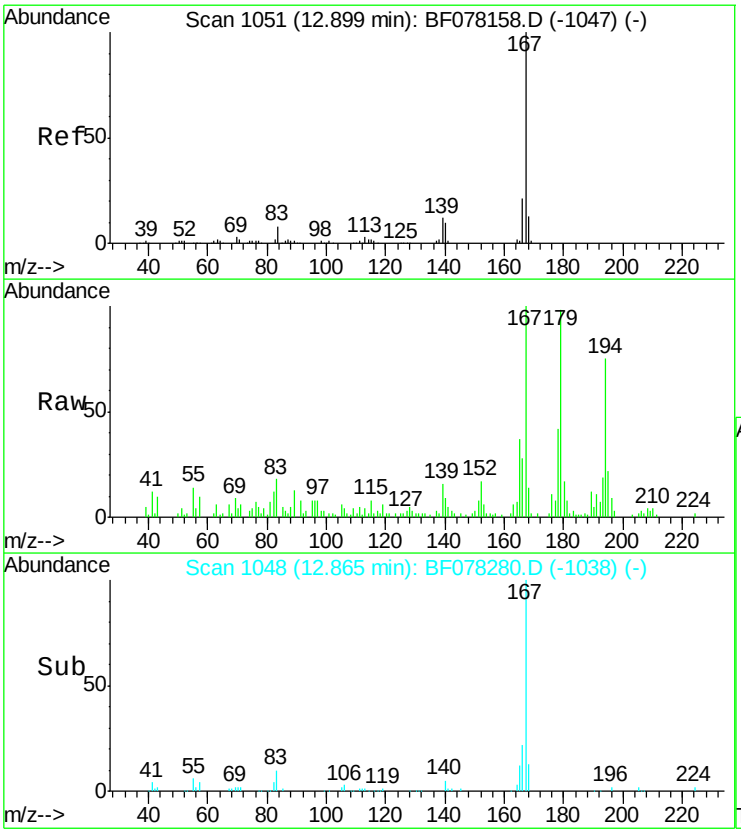
#71
Anthracene
Concen: 175.68 ng
RT: 12.66 min Scan# 1030
Delta R.T. 0.02 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:178 Resp: 1469698

Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.8	22.2
179	16.7	12.4	18.6

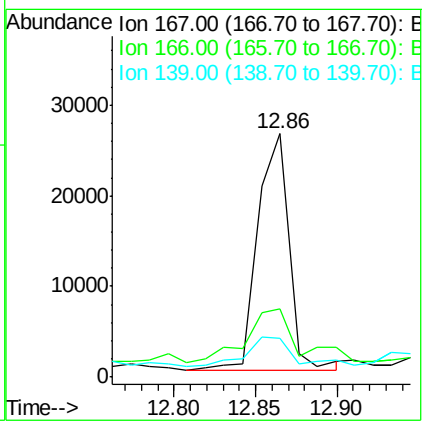


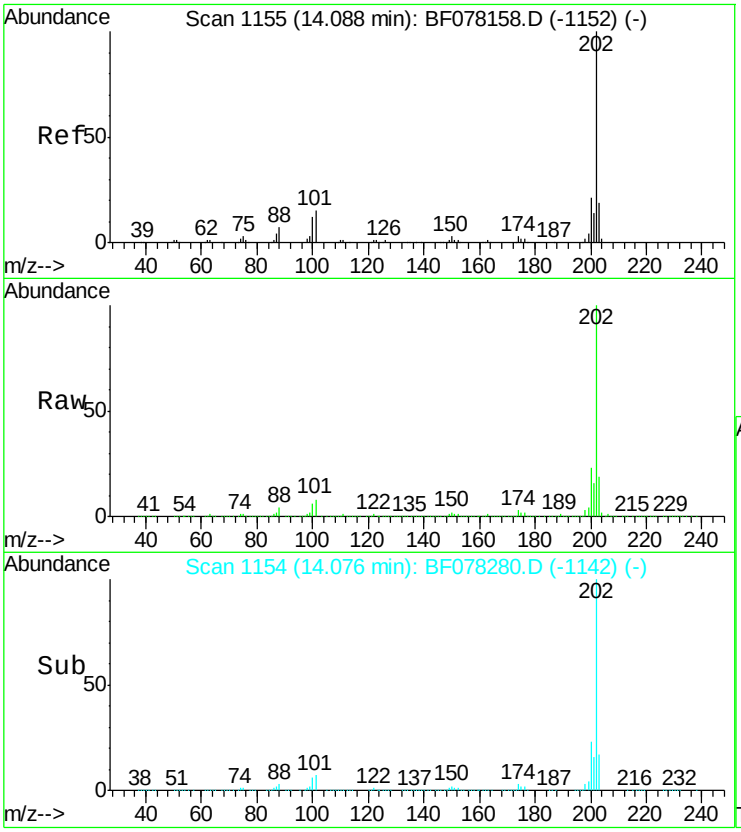


#72
Carbazole
Concen: 4.47 ng
RT: 12.86 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:167 Resp: 35031

Ion	Ratio	Lower	Upper
167	100		
166	27.8	16.8	25.2#
139	15.9	10.0	15.0#



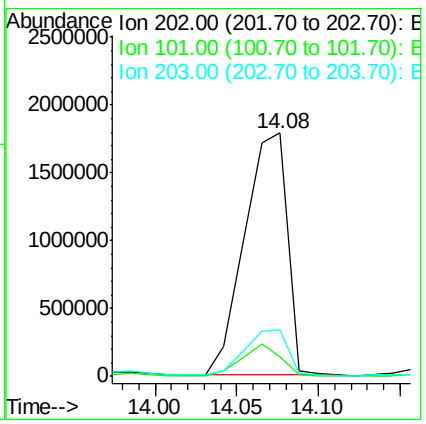


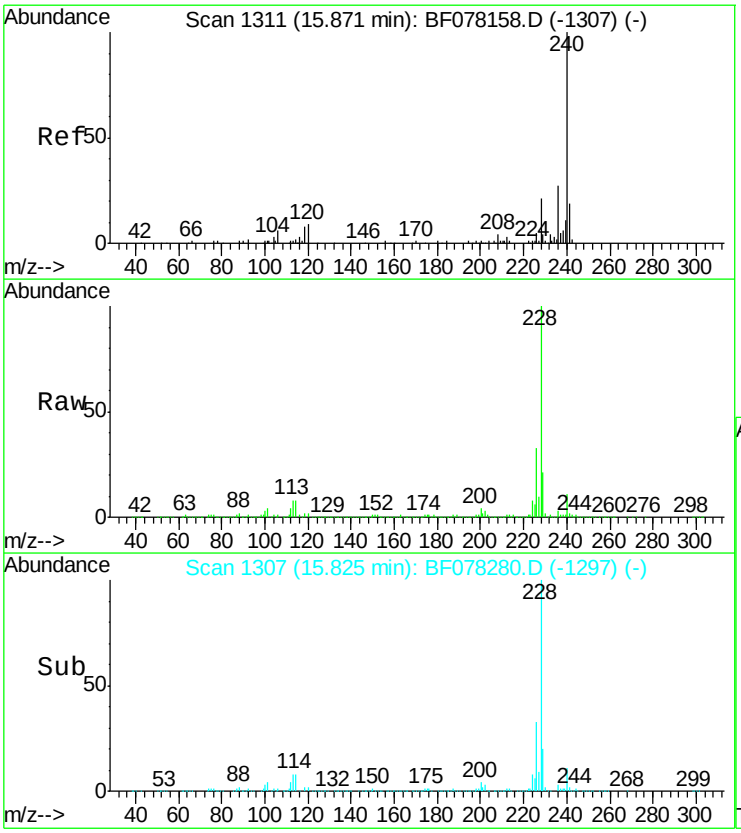
#74
Fluoranthene
Concen: 361.96 ng
RT: 14.08 min Scan# 1154
Delta R.T. 0.03 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:202 Resp: 3240752

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	35.2
203	18.8	0.0	38.5

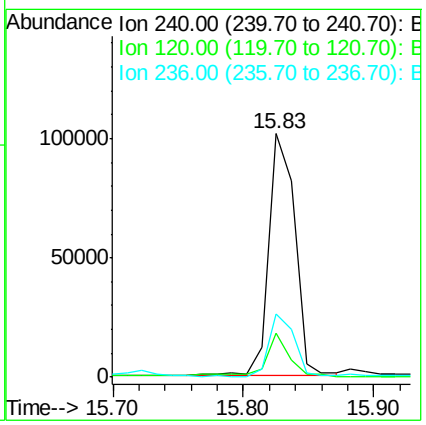


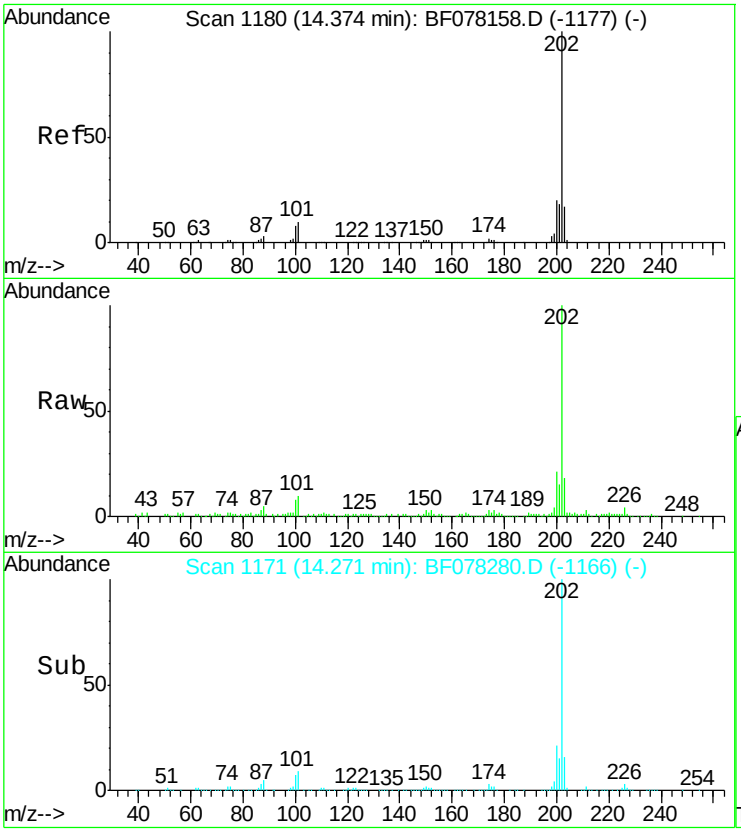


#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:240 Resp: 139918

Ion	Ratio	Lower	Upper
240	100		
120	18.3	7.1	10.7#
236	26.0	21.4	32.2



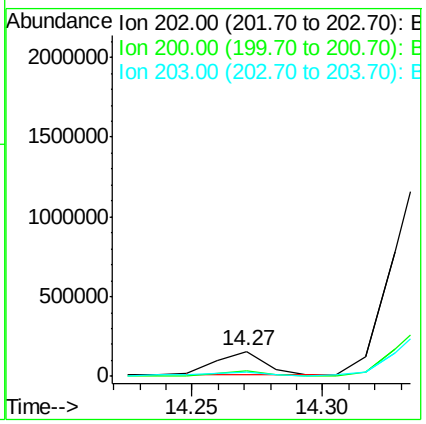


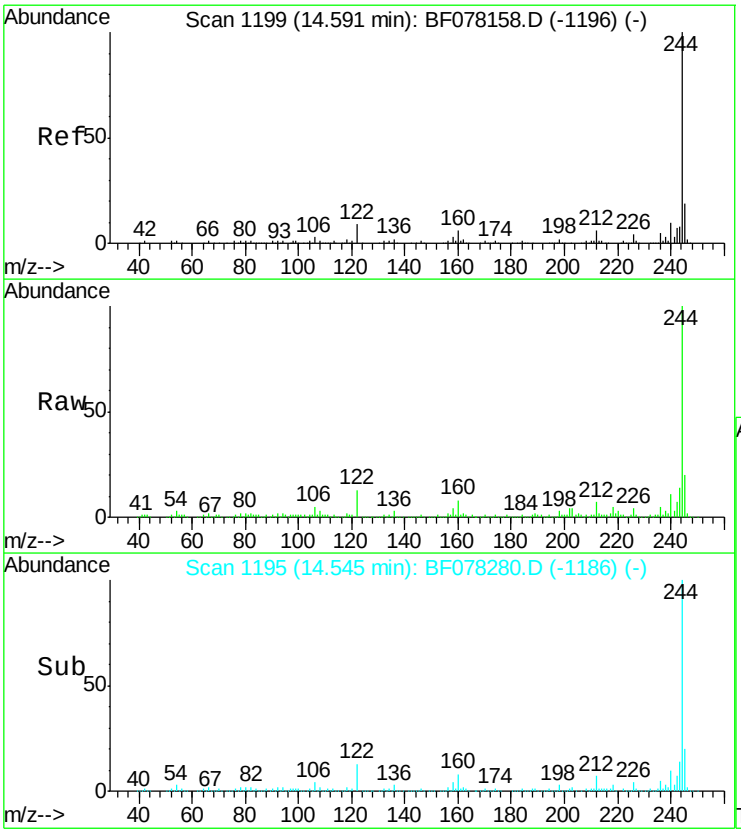
#77
Pyrene
Concen: 21.11 ng
RT: 14.27 min Scan# 1171
Delta R.T. -0.05 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Instrument :
BNA_F
ClientSampleId :
SB-3D

Tgt Ion:202 Resp: 185379

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.3	24.5
203	18.2	13.8	20.6





#78
Terphenyl-d14
Concen: 64.26 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078280.D
Acq: 7 Apr 2015 3:40

Tgt Ion:244 Resp: 397899

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	12.8	7.1	10.7#