Quantitation Report (Not Reviewed)

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079758.D
Acq On : 6 Jun 2015 6:27
Operator : TP/IZ
Sample : G2450-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEC-3.5-SP

Quant Time: Jun 08 04:49:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 04:31:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	53670	20.00	ng		0.00
21) Naphthalene-d8	8.79	136	220816	20.00	ng		0.00
38) Acenaphthene-d10	10.56	164	122521	20.00	ng		0.00
63) Phenanthrene-d10	12.07	188	246500	20.00	ng		0.00
75) Chrysene-d12	14.99	240	262404	20.00	ng		-0.02
86) Perylene-d12	16.91	264	273019	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.10	112	178370	27.85	ng		0.00
7) Phenol-d6	7.08	99	245590	29.69	ng		0.00
23) Nitrobenzene-d5	8.04	82	130468	18.14	ng		0.00
41) 2,4,6-Tribromophenol	11.36	330	62469	26.65	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	308411	17.05	ng		0.00
78) Terphenyl-d14	13.74	244	400432	17.47	ng		-0.01
Target Compounds							Qvalue
6) Aniline	7.14	93	625	0.10	ng	#	44
9) Benzaldehyde	7.04	77	855	0.32	ng	#	82
10) Phenol	7.10	94	1063	0.24	ng	#	42
11) bis(2-Chloroethyl)ether	7.14	93	625	0.18	ng	#	19
15) Benzyl Alcohol	7.64	79	2880	0.84	ng	#	45
18) Hexachloroethane	8.02	117	582	0.44	ng	#	10
20) 3+4-Methylphenols	7.86	107	474	0.12	ng	#	44
22) Acetophenone	7.88	105	1629	0.31	ng	#	68
24) Nitrobenzene	8.04	77	1035	0.29	ng	#	47
25) Isophorone	8.39	82	493	0.07	ng	#	67
27) 2,4-Dimethylphenol	8.42	122	608	0.18	ng	#	5
31) Naphthalene	8.81	128	36902	3.19	ng		99
32) Benzoic acid	8.42	122	608	4.45	ng	#	80
33) 4-Chloroaniline	8.81	127	4684	0.80	ng	#	31
35) Caprolactam	9.19	113	326	0.35	ng	#	85
37) 2-Methylnaphthalene	9.50	142	17489	2.37	ng	#	93
45) 1,1'-Biphenyl	9.96	154	6606	0.62	ng		98
46) 2-Chloronaphthalene	10.04	162	686	0.08	ng	#	33
47) 2-Nitroaniline	10.03	65	1018	0.56	ng	#	16
48) Acenaphthylene	10.42	152	243916	16.95	ng		100
49) Dimethylphthalate	10.24	163	33773	3.58	ng		98
50) 2,6-Dinitrotoluene	10.24	165	425	1.36	ng	#	1
51) Acenaphthene	10.59	154	31585	3.88	ng		99
54) Dibenzofuran	10.76	168	27703	2.40	ng		98
55) 4-Nitrophenol	10.76	139	9901	6.65	ng	#	13
56) 2,4-Dinitrotoluene	10.72	165	1088	2.39	ng	#	48
57) Fluorene	11.11	166	39392	3.94	ng	#	95
59) Diethylphthalate	10.95	149	376	0.04	ng	#	58
61) 4-Nitroaniline	11.11	138	485	Below	Cal	#	17
62) Azobenzene	11.27	77	846	0.09	ng	#	1
65) n-Nitrosodiphenylamine	11.22	169	4940	0.60	ng	#	36
68) Atrazine	11.72	200	228	0.09	ng	#	36
70) Phenanthrene	12.09	178	477791	33.11	ng		98
71) Anthracene	12.15	178	586571	41.22	ng		99

Quantitation Report (Not Reviewed)

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079758.D
Acq On : 6 Jun 2015 6:27
Operator : TP/IZ
Sample : G2450-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEC-3.5-SP

Quant Time: Jun 08 04:49:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 04:31:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	12.30	167	83914	6.20	ng		99
73) Di-n-butylphthalate	12.62	149	3236	0.21	ng	#	27
74) Fluoranthene	13.35	202	1886088	119.36	ng		98
76) Benzidine	13.52	184	821	0.10	ng	#	1
77) Pyrene	13.60	202	1853876	115.24	ng		99
79) Butylbenzylphthalate	14.26	149	2158	0.34	ng	#	63
80) Benzo(a)anthracene	15.03	228	1488665	92.68	ng		95
81) 3,3'-Dichlorobenzidine	14.93	252	573	0.11	ng	#	67
82) Chrysene	15.03	228	1491588	100.45	ng		99
83) Bis(2-ethylhexyl)phthalate	14.93	149	7665	0.76	ng	#	78
84) Di-n-octyl phthalate	15.73	149	1941	0.11	ng	#	65
85) Indeno(1,2,3-cd)pyrene	18.91	276	524952	30.54	ng		95
87) Benzo(b)fluoranthene	16.34	252	2368088	139.63	ng	#	96
88) Benzo(k)fluoranthene	16.34	252	2368088	145.58	ng		98
89) Benzo(a)pyrene	16.83	252	941902	60.16	ng	#	96
90) Dibenzo(a,h)anthracene	18.93	278	142171	9.41	ng		98
91) Benzo(g,h,i)perylene	19.52	276	448571	28.71	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Y:\HPCHEM1\BNA F\DATA\BF060515\
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Acq On : 6 Jun 2015 6:27
Operator : TP/IZ
Sample : G2450-07 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Quant Time: Jun 08 04:49:01 2015
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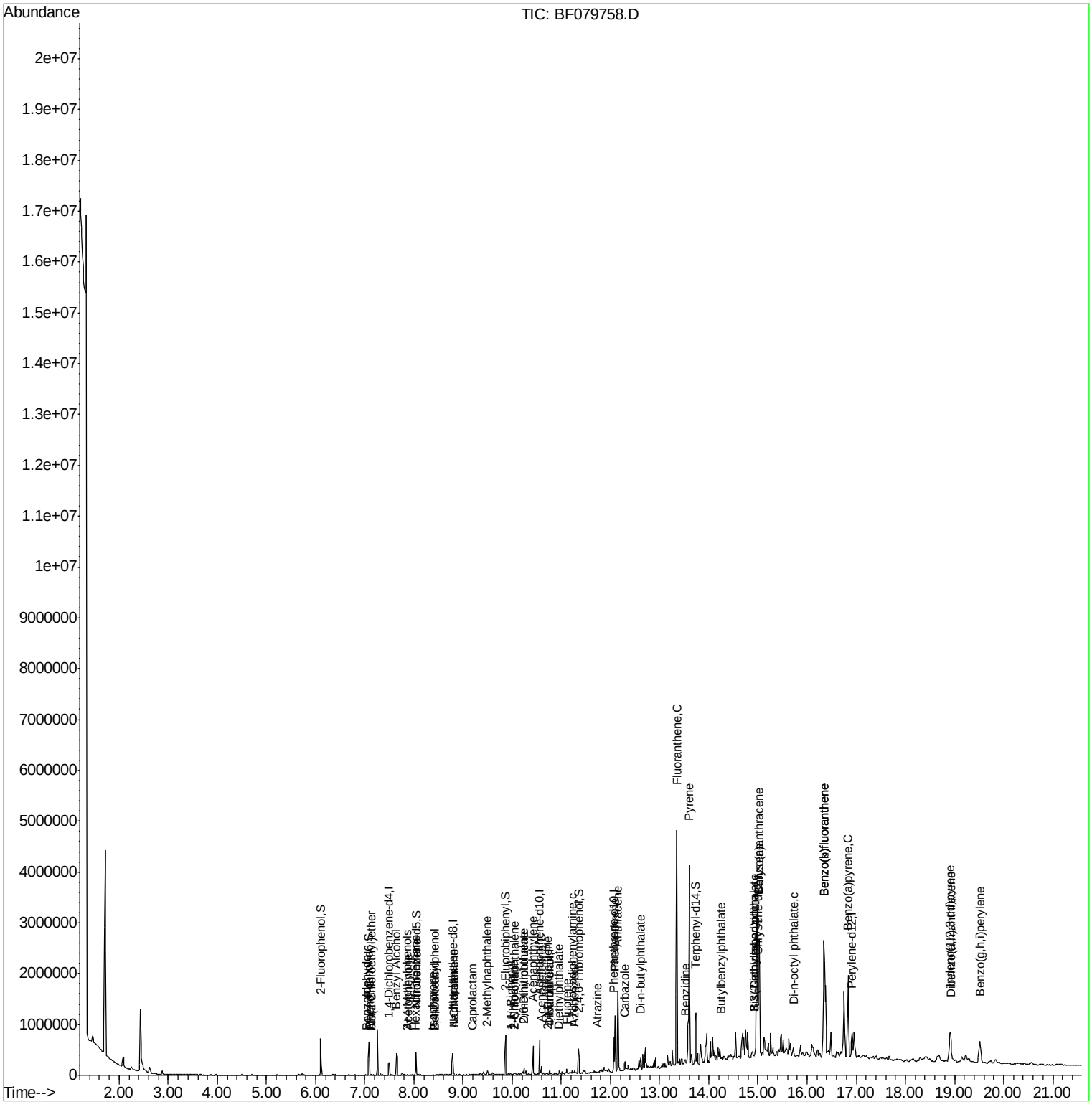
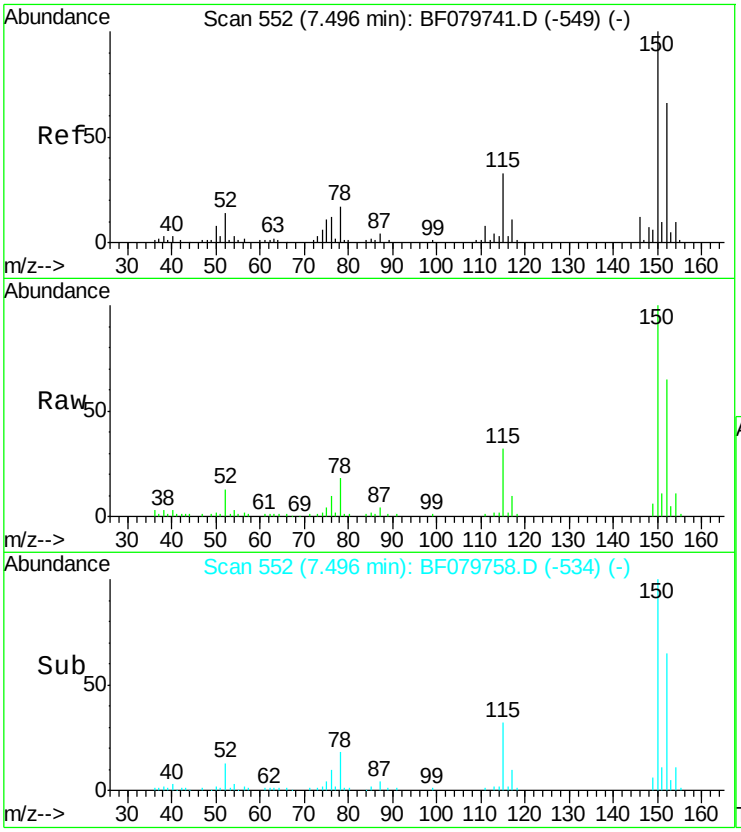
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 08 04:31:55 2015
Response via : Initial Calibration



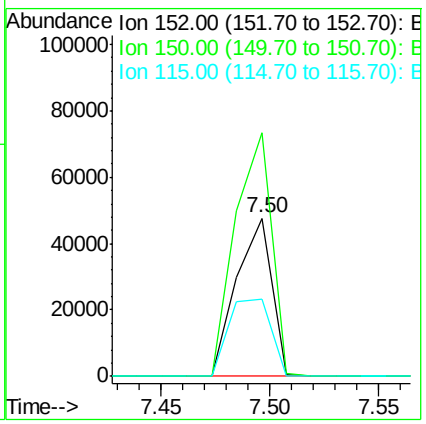


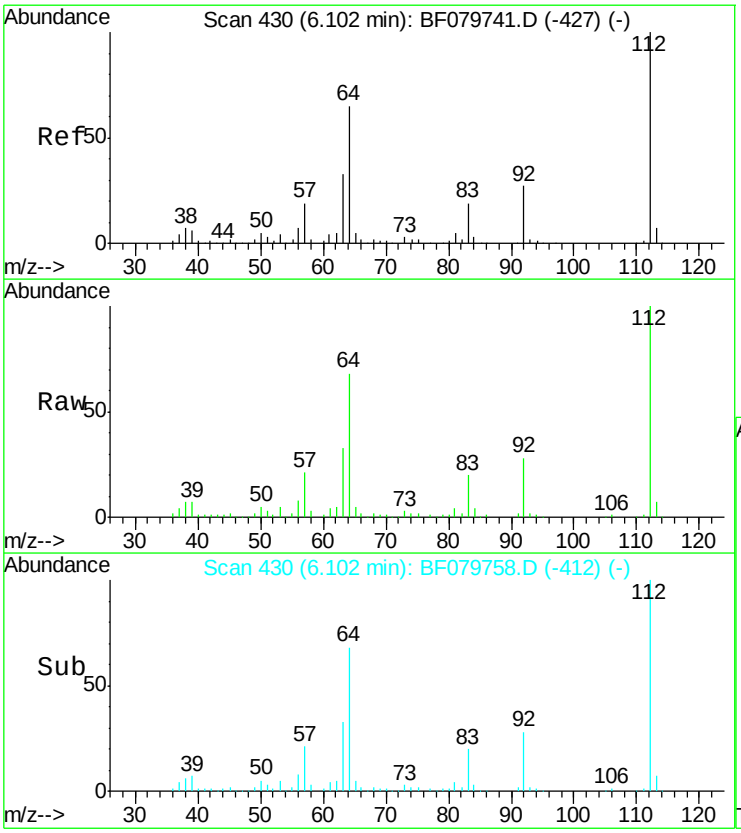
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:152 Resp: 53670

Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.1	192.1
115	48.5	49.7	74.5#

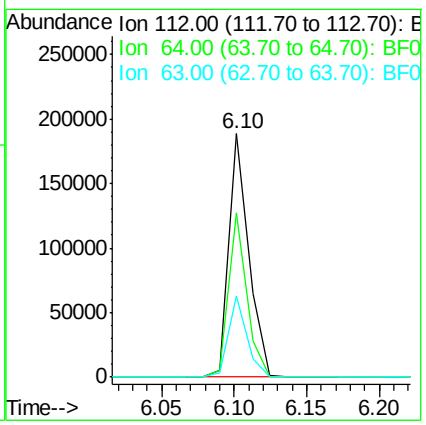


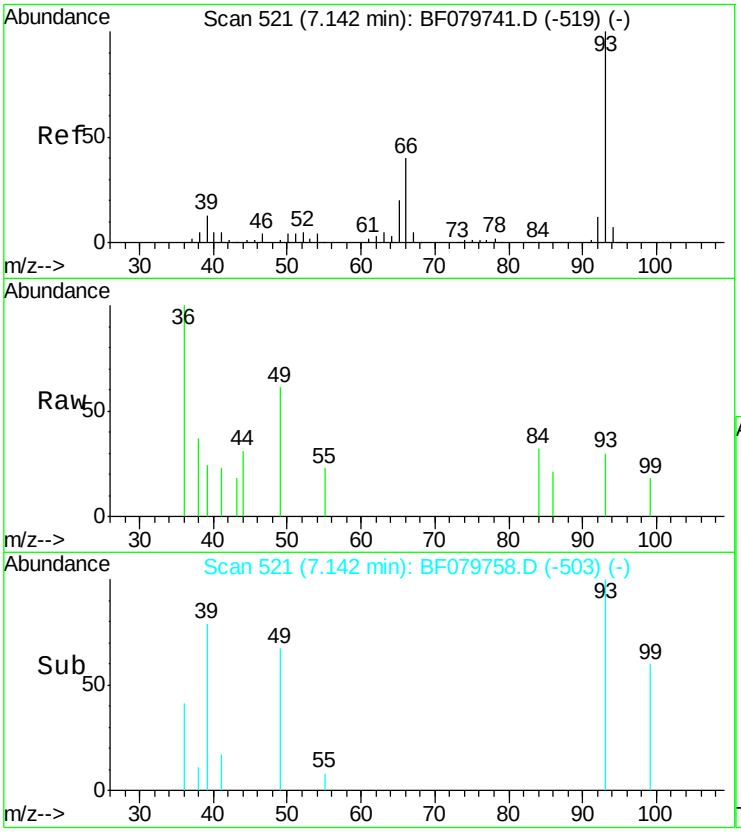


#5
2-Fluorophenol
Concen: 27.85 ng
RT: 6.10 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:112 Resp: 178370

Ion	Ratio	Lower	Upper
112	100		
64	67.6	49.6	74.4
63	33.4	24.9	37.3



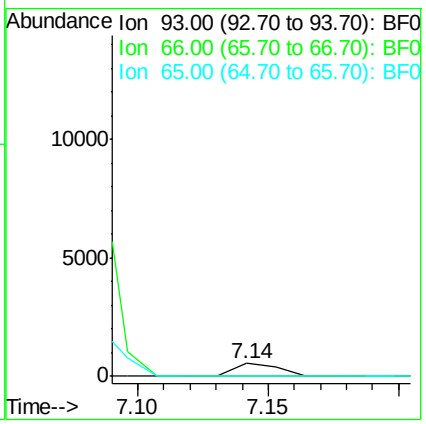


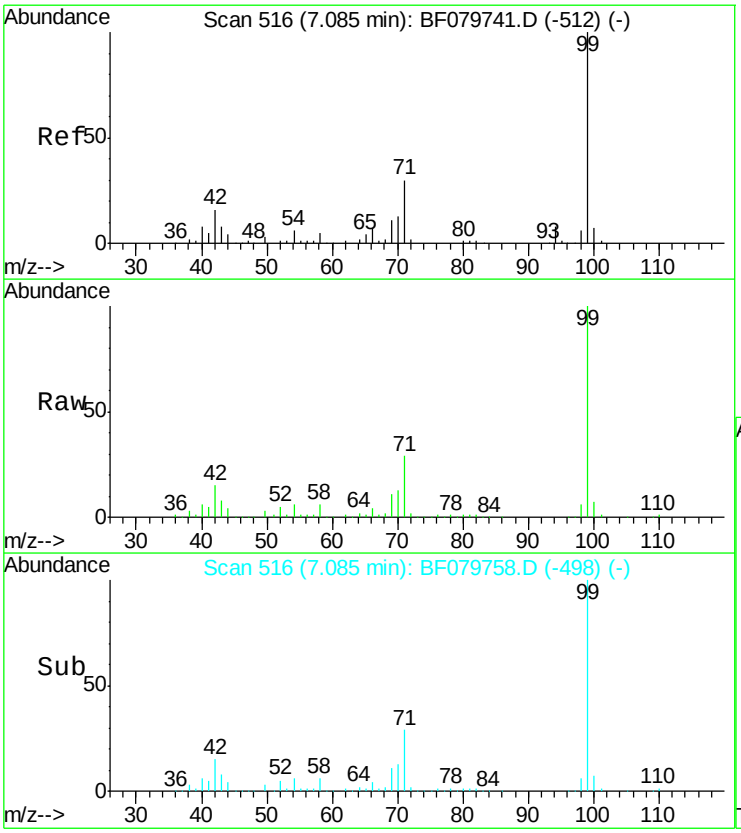
#6
Aniline
Concen: 0.10 ng
RT: 7.14 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion: 93 Resp: 625

Ion	Ratio	Lower	Upper
93	100		
66	0.0	30.3	45.5#
65	0.0	15.8	23.6#

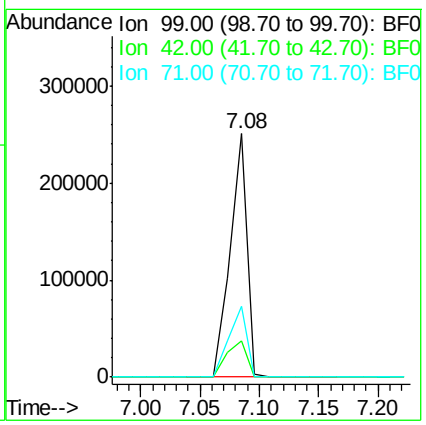


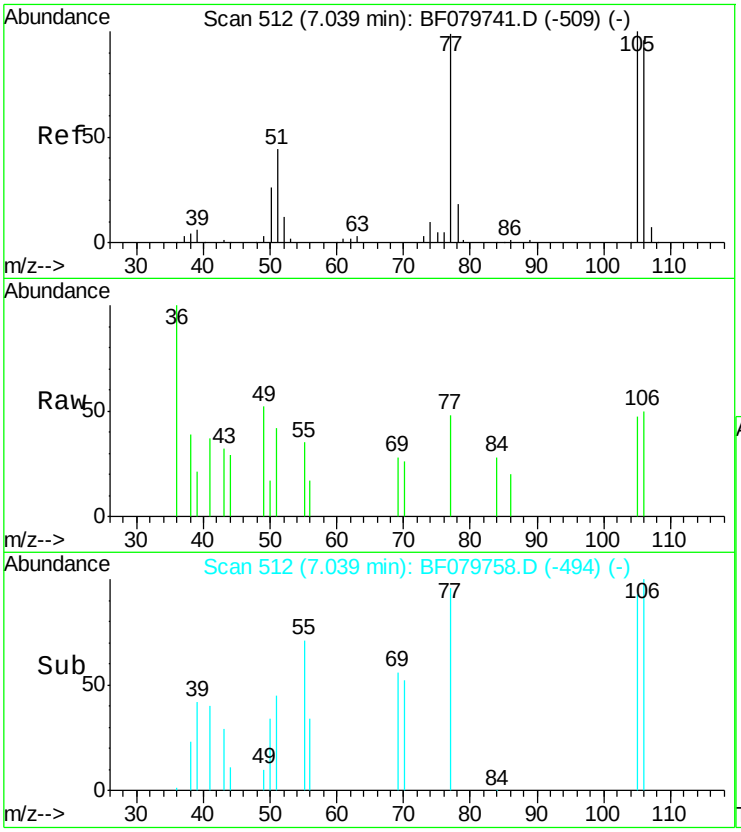


#7
Phenol-d6
Concen: 29.69 ng
RT: 7.08 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion: 99 Resp: 245590

Ion	Ratio	Lower	Upper
99	100		
42	15.0	18.0	27.0#
71	29.1	28.4	42.6



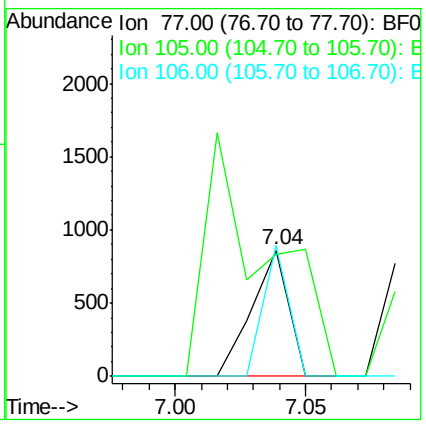


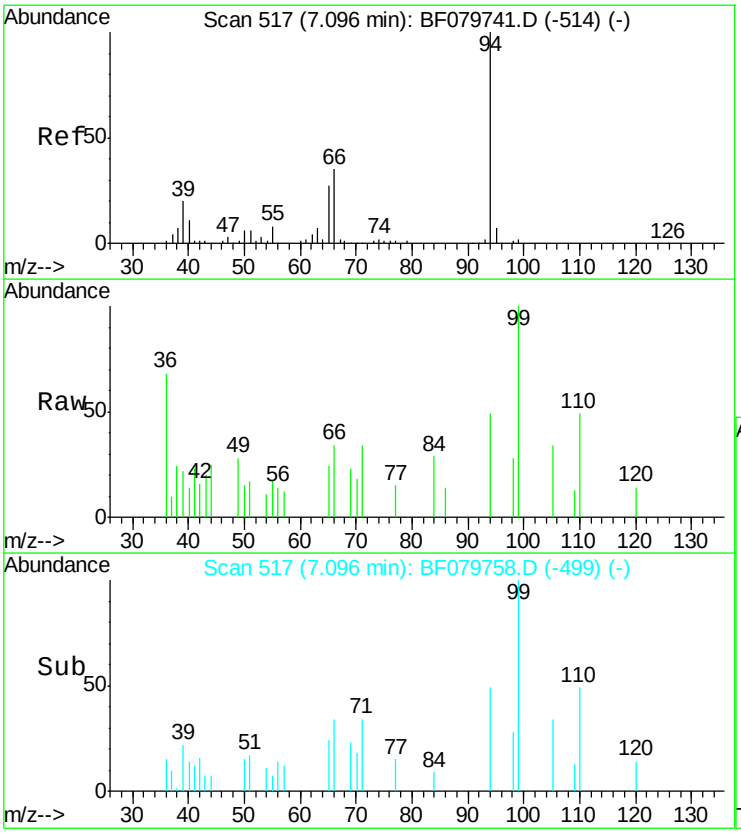
#9
Benzaldehyde
Concen: 0.32 ng
RT: 7.04 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion: 77 Resp: 855

Ion	Ratio	Lower	Upper
77	100		
105	97.0	66.1	106.1
106	103.8	61.9	101.9#

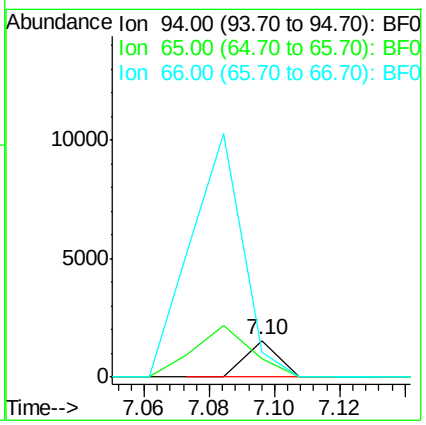


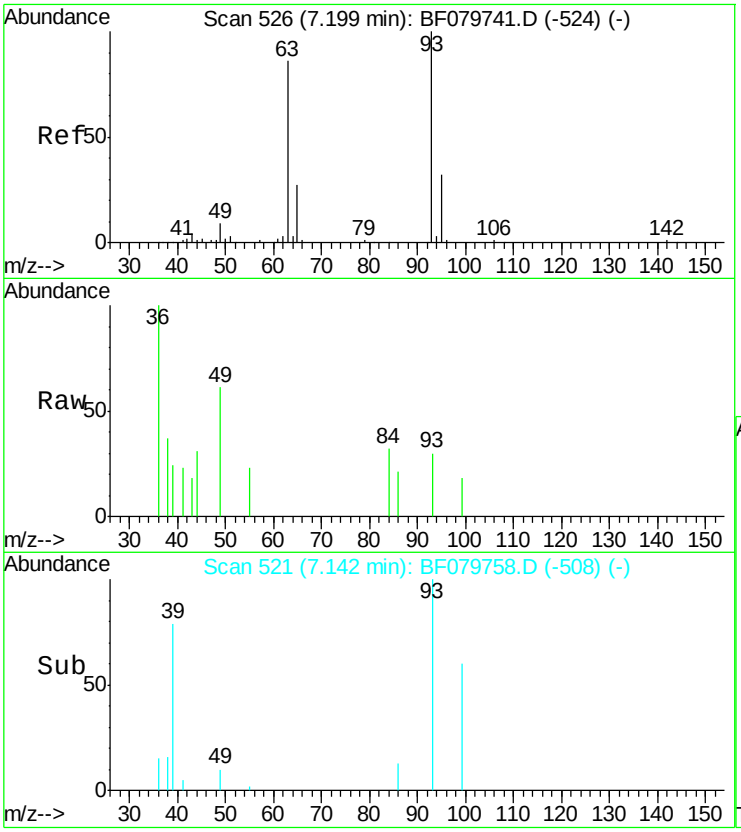


#10
Phenol
Concen: 0.24 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion: 94 Resp: 1063

Ion	Ratio	Lower	Upper
94	100		
65	49.2	5.3	45.3#
66	68.3	11.3	51.3#



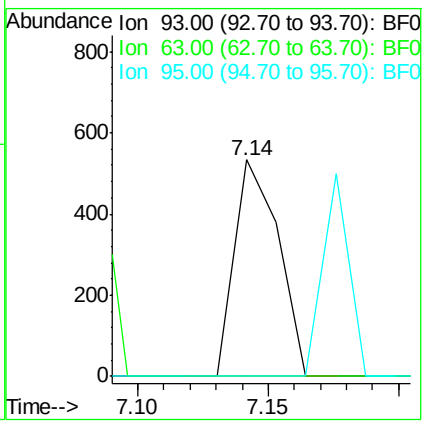


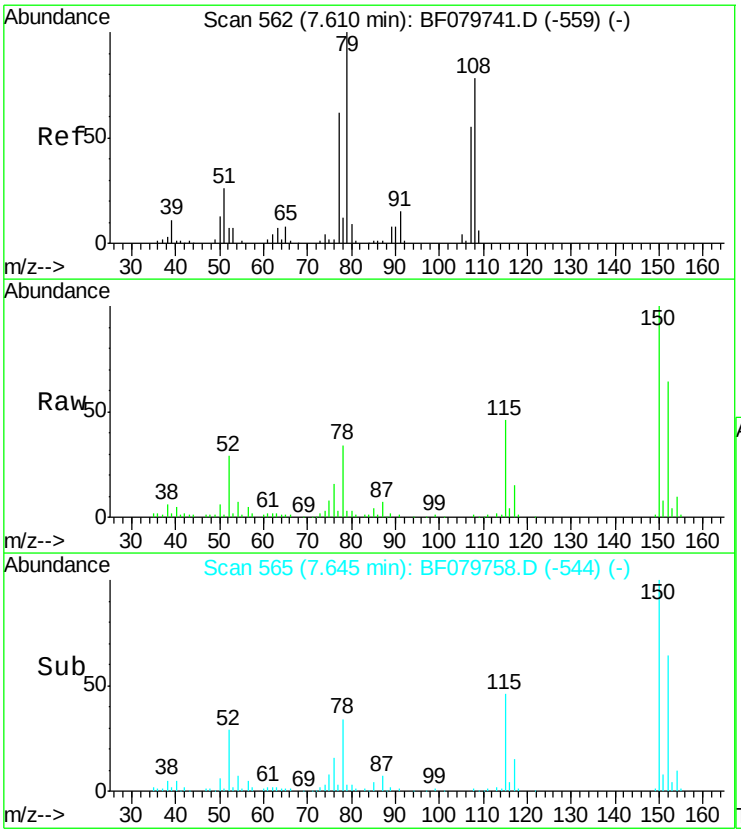
#11
bis(2-Chloroethyl)ether
Concen: 0.18 ng
RT: 7.14 min Scan# 521
Delta R.T. -0.06 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion: 93 Resp: 625

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.7	98.7#
95	0.0	12.9	52.9#

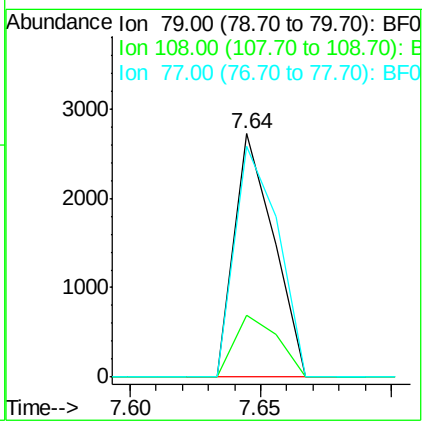


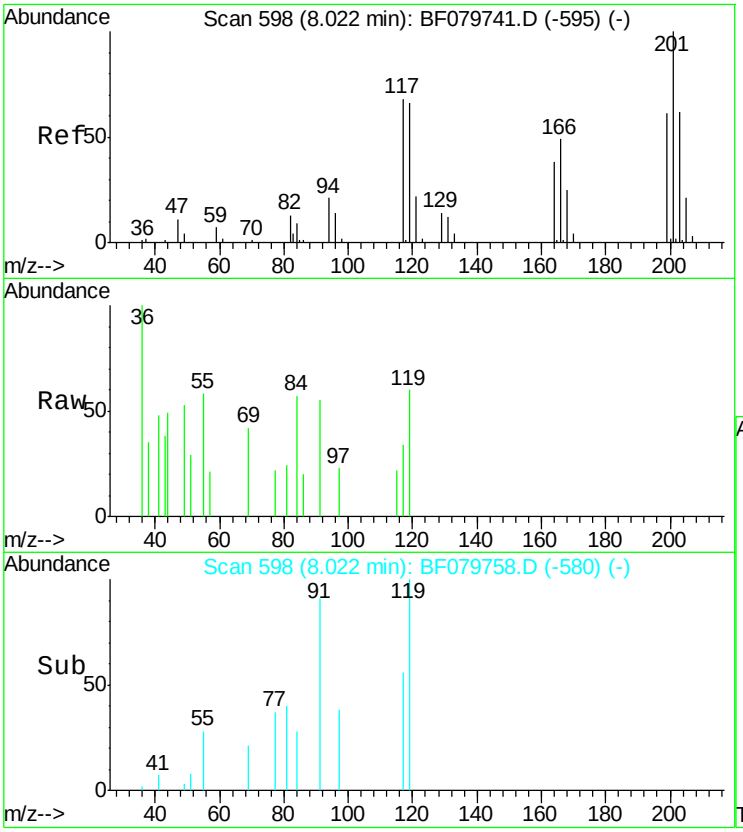


#15
Benzyl Alcohol
Concen: 0.84 ng
RT: 7.64 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion: 79 Resp: 2880

Ion	Ratio	Lower	Upper
79	100		
108	25.5	68.4	102.6#
77	94.7	50.0	75.0#



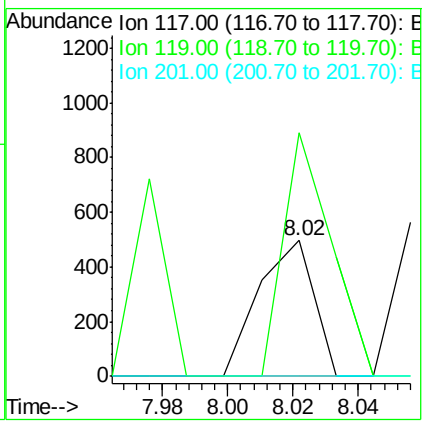


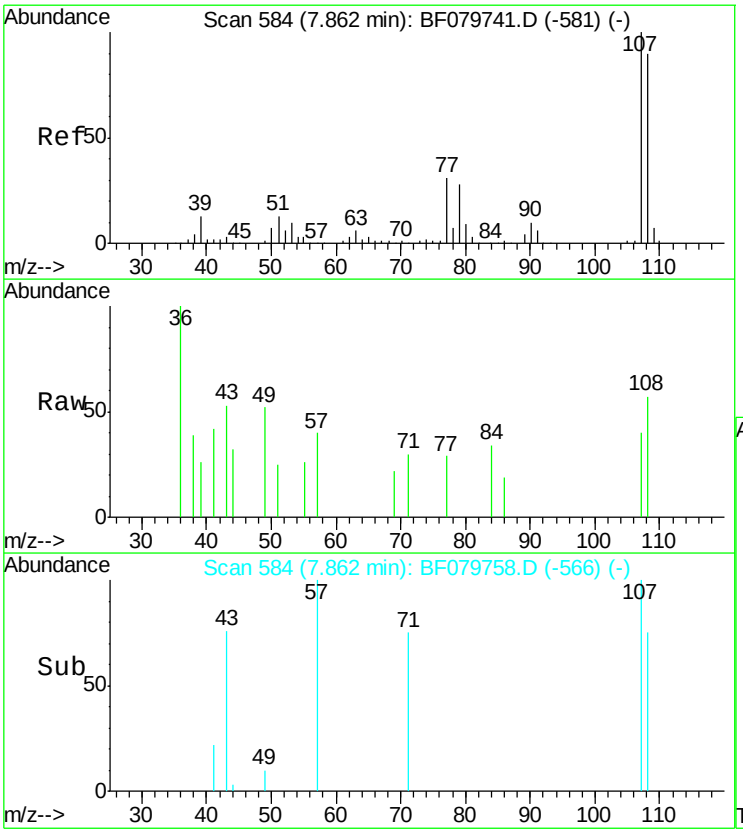
#18
Hexachloroethane
Concen: 0.44 ng
RT: 8.02 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:117 Resp: 582

Ion	Ratio	Lower	Upper
117	100		
119	179.3	75.5	113.3#
201	0.0	66.4	99.6#

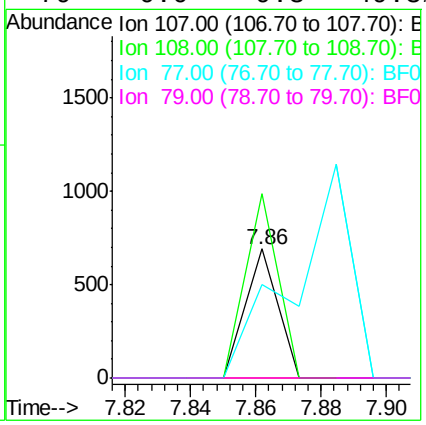


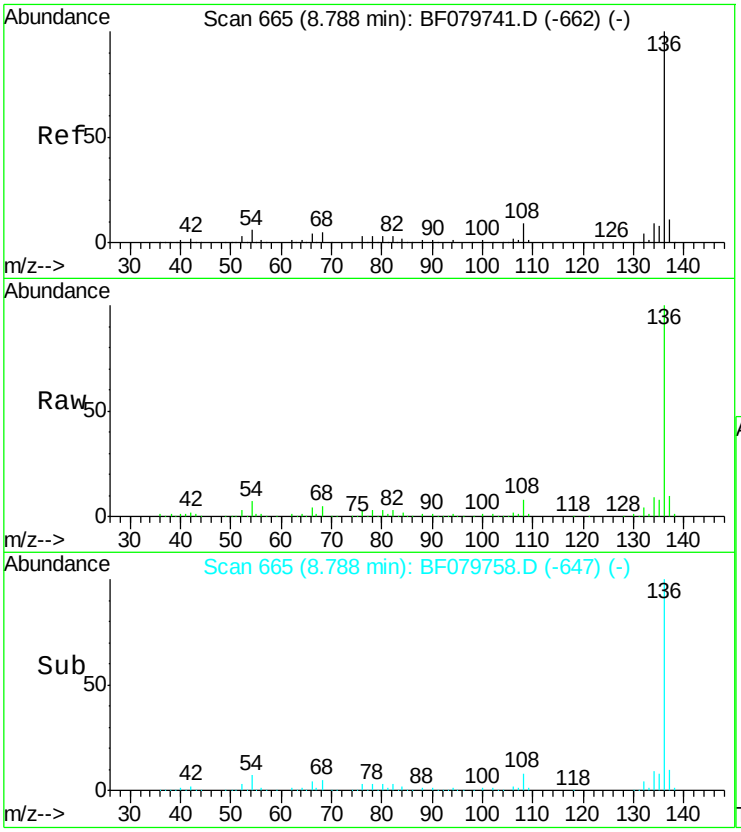


#20
3+4-Methylphenols
Concen: 0.12 ng
RT: 7.86 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:107 Resp: 474

Ion	Ratio	Lower	Upper
107	100		
108	143.0	75.2	115.2#
77	72.4	10.3	50.3#
79	0.0	9.3	49.3#



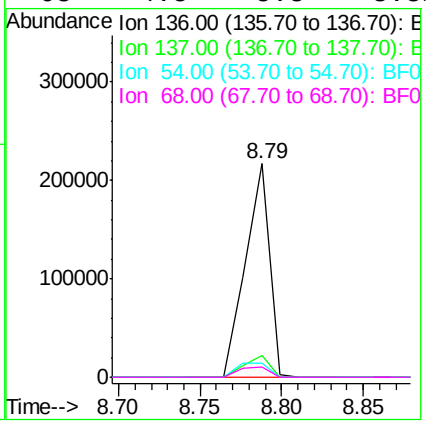


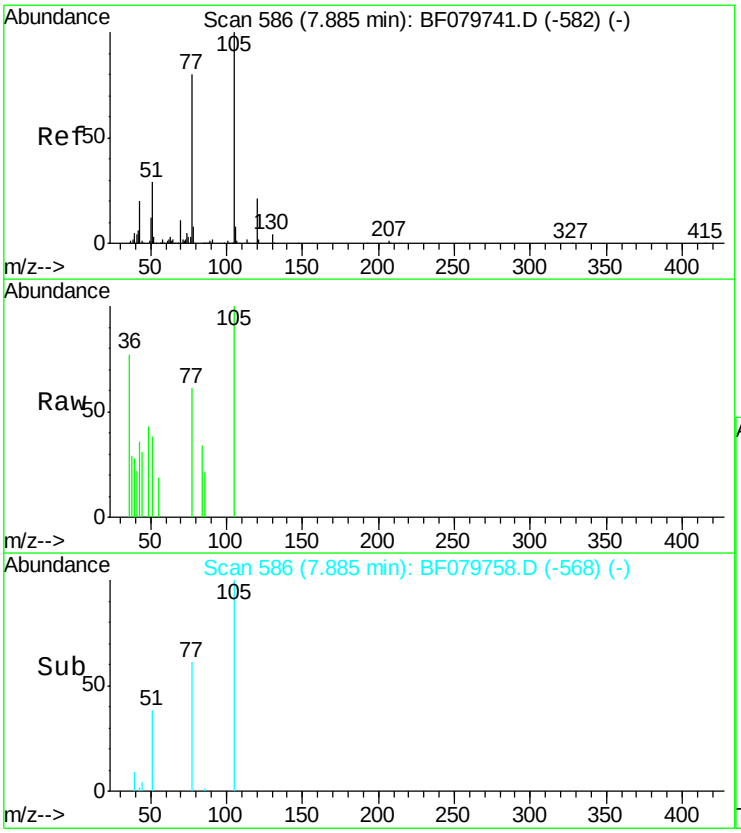
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:136 Resp: 220816

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	6.8	8.7	13.1#
68	4.5	5.8	8.8#

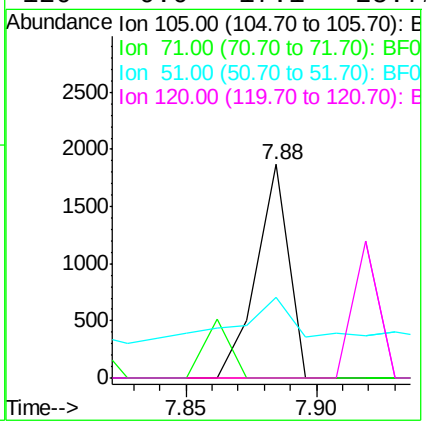


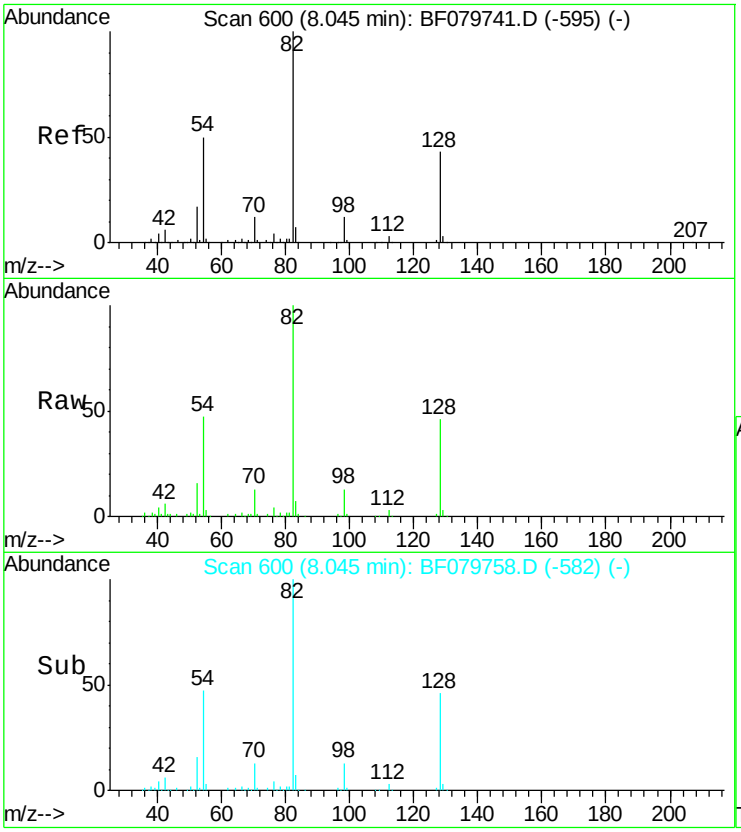


#22
Acetophenone
Concen: 0.31 ng
RT: 7.88 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:105 Resp: 1629

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.9	1.3#
51	37.8	21.3	31.9#
120	0.0	17.1	25.7#



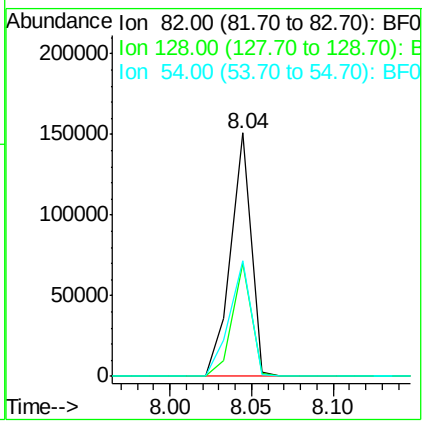


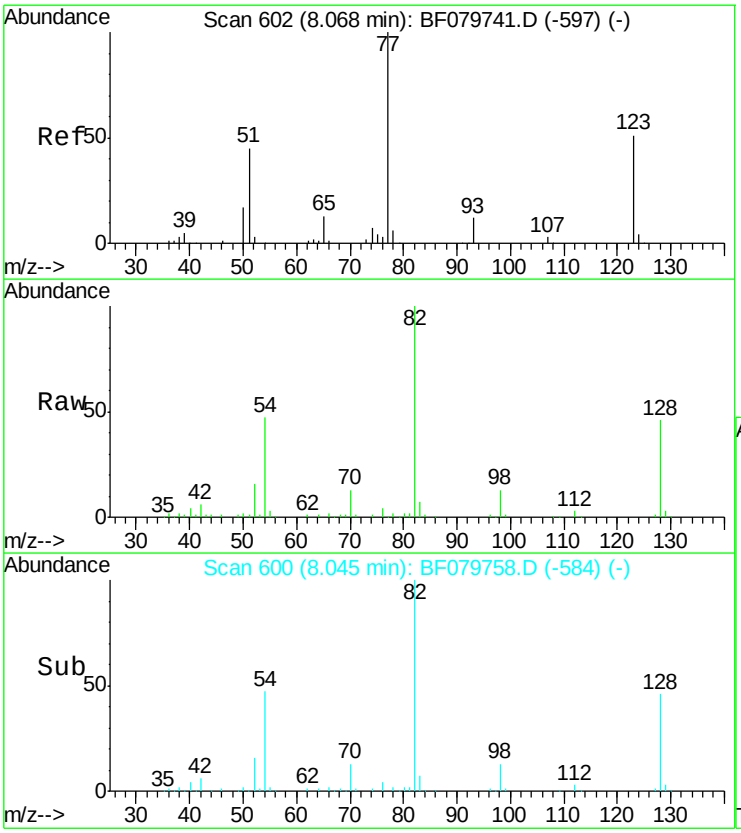
#23
Nitrobenzene-d5
Concen: 18.14 ng
RT: 8.04 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion: 82 Resp: 130468

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.6	56.4
54	47.3	39.4	59.2

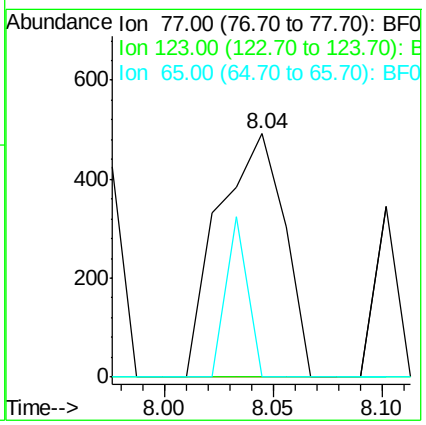


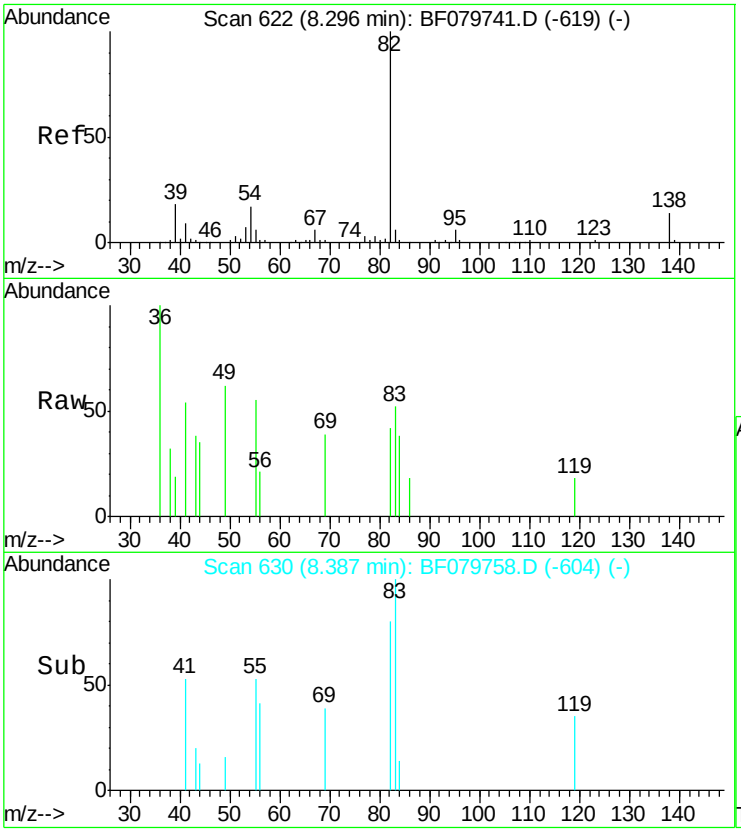


#24
Nitrobenzene
Concen: 0.29 ng
RT: 8.04 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion: 77 Resp: 1035

Ion	Ratio	Lower	Upper
77	100		
123	0.0	28.1	42.1#
65	0.0	10.9	16.3#



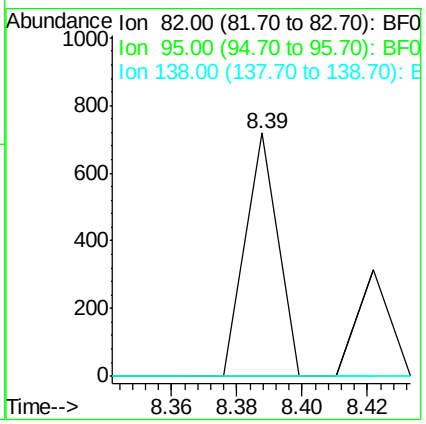


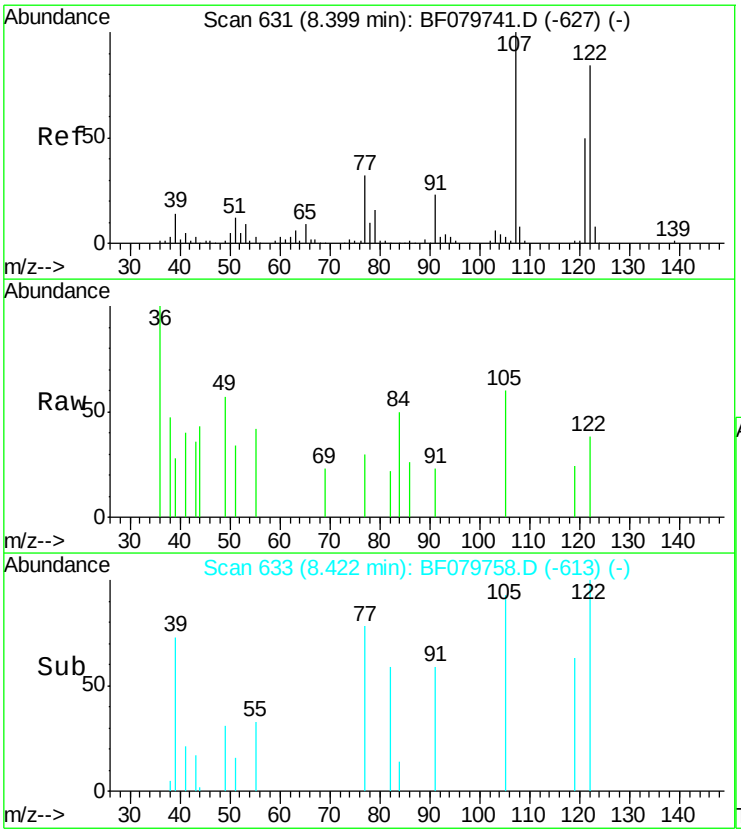
#25
Isophorone
Concen: 0.07 ng
RT: 8.39 min Scan# 630
Delta R.T. 0.09 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion: 82 Resp: 493

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#

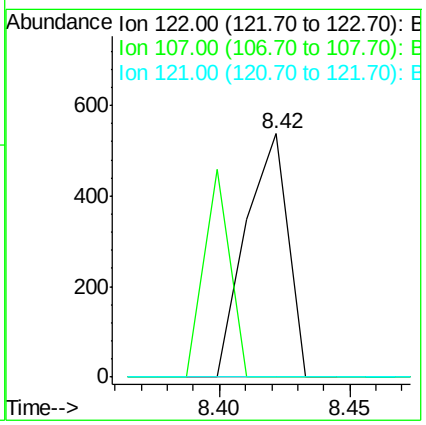


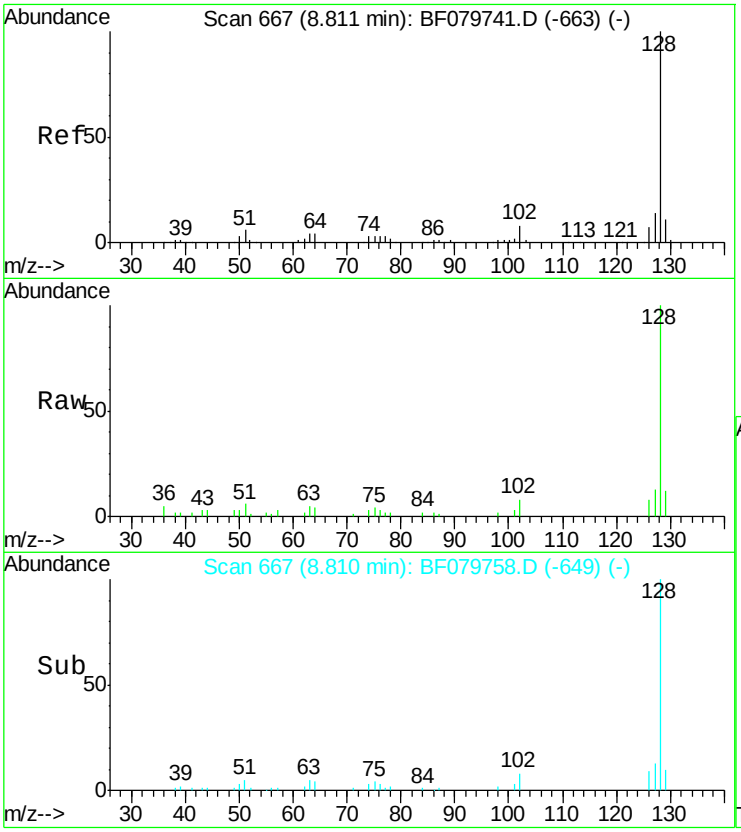


#27
2,4-Dimethylphenol
Concen: 0.18 ng
RT: 8.42 min Scan# 633
Delta R.T. 0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:122 Resp: 608

Ion	Ratio	Lower	Upper
122	100		
107	0.0	88.5	132.7#
121	0.0	46.5	69.7#



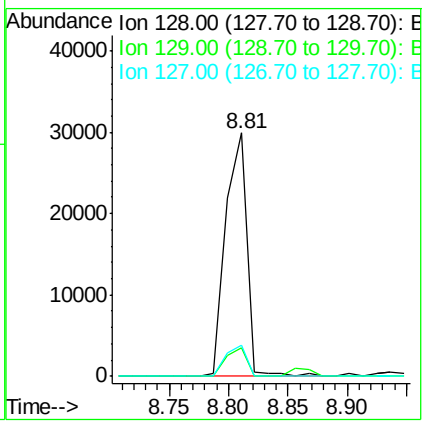


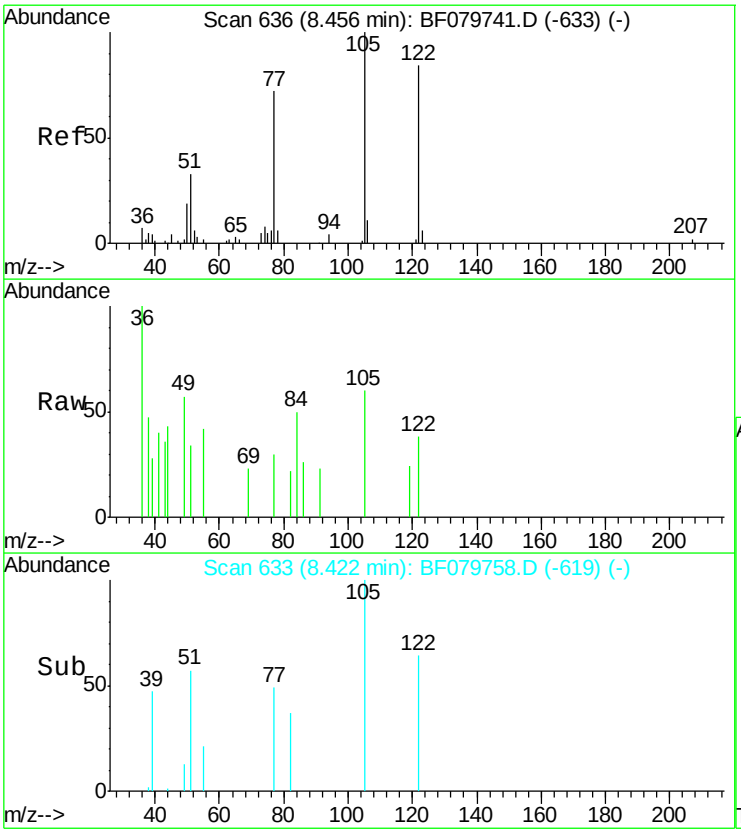
#31
Naphthalene
Concen: 3.19 ng
RT: 8.81 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:128 Resp: 36902

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.0	10.7	16.1

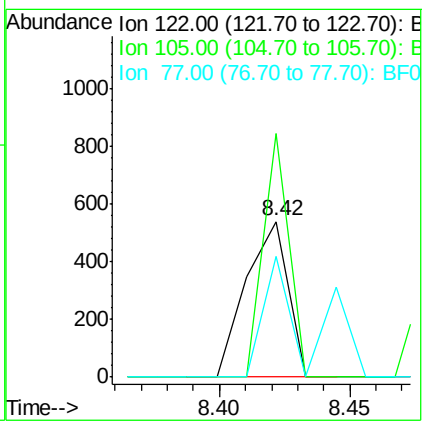


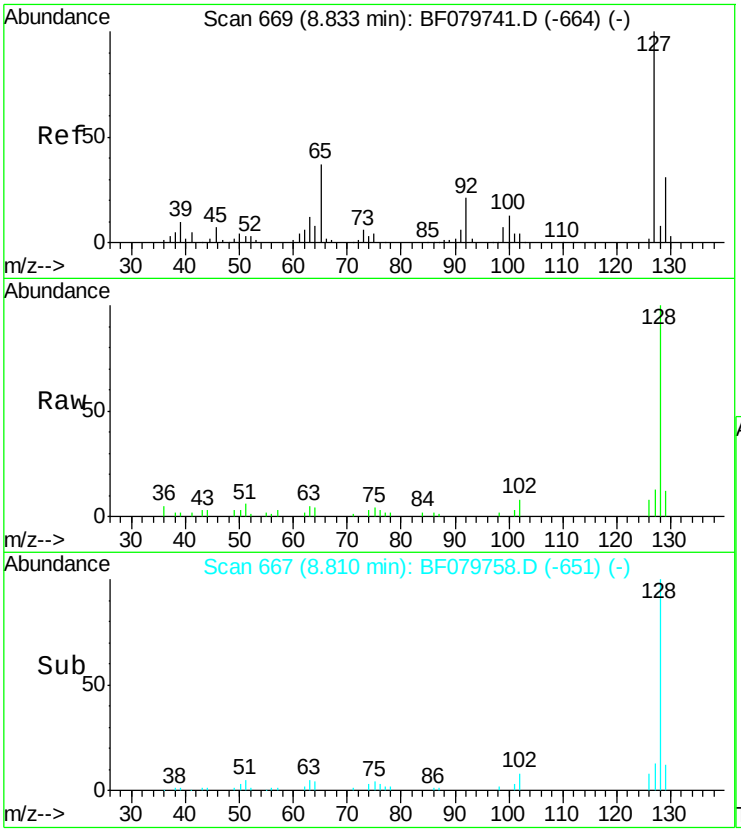


#32
Benzoic acid
Concen: 4.45 ng
RT: 8.42 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:122 Resp: 608

Ion	Ratio	Lower	Upper
122	100		
105	156.7	106.7	146.7#
77	77.5	68.9	108.9



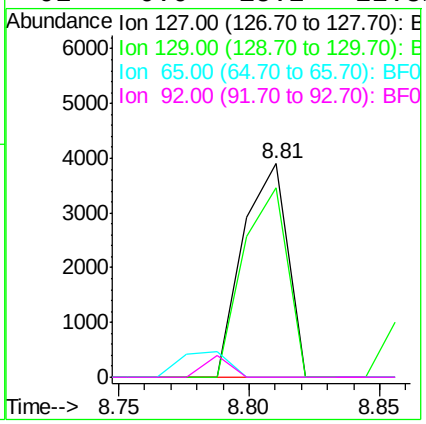


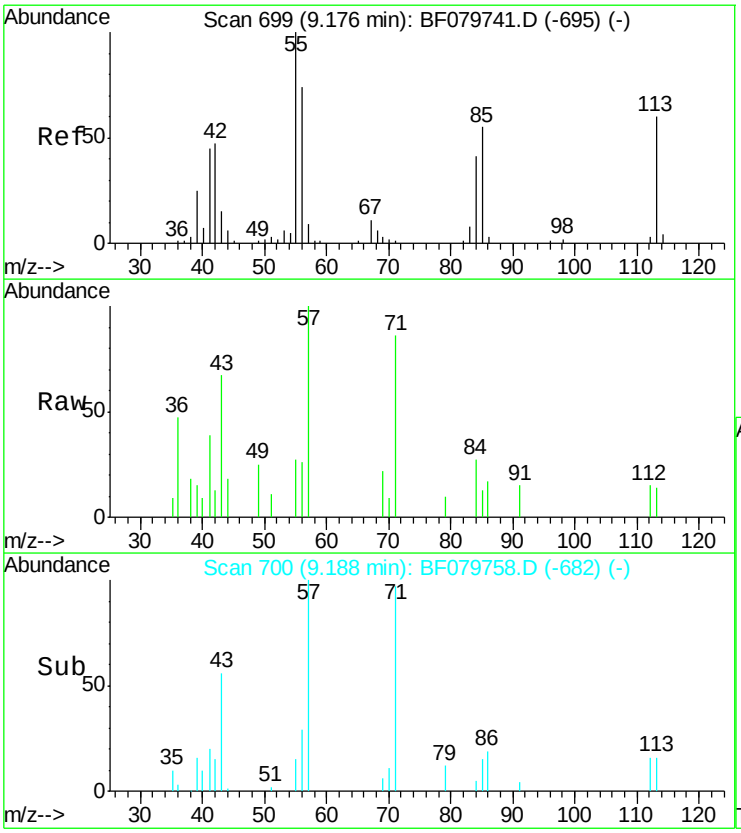
#33
4-Chloroaniline
Concen: 0.80 ng
RT: 8.81 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:127 Resp: 4684

Ion	Ratio	Lower	Upper
127	100		
129	88.6	26.8	40.2#
65	0.0	22.9	34.3#
92	0.0	15.2	22.8#

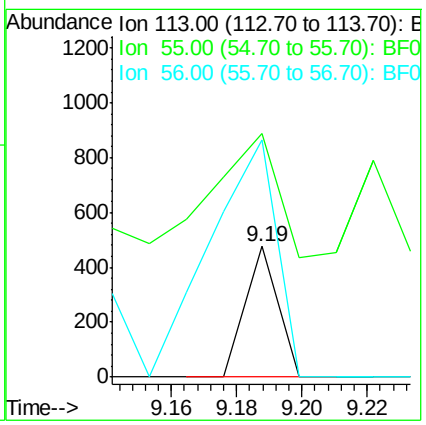


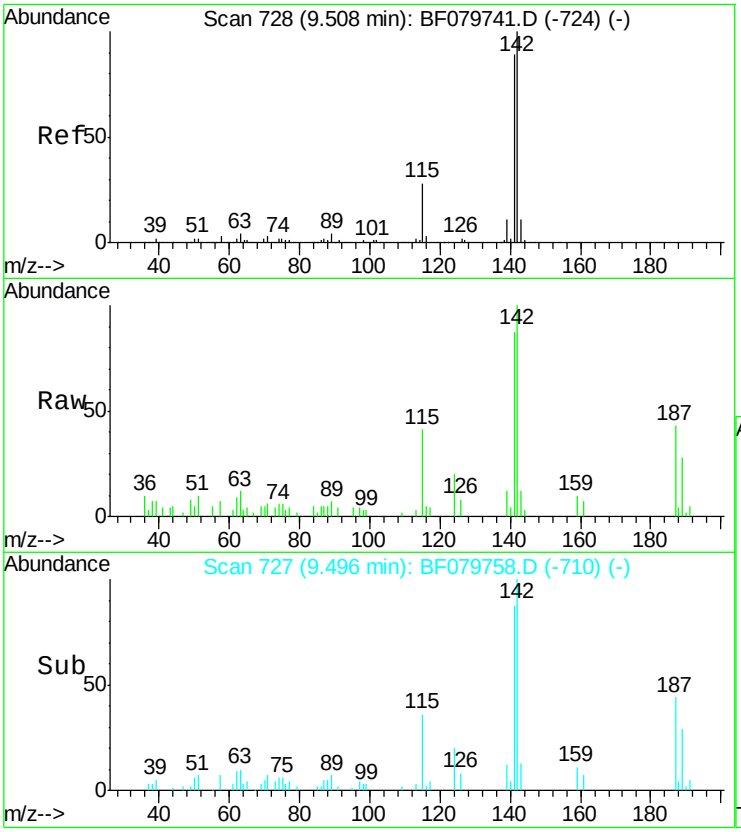


#35
Caprolactam
Concen: 0.35 ng
RT: 9.19 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:113 Resp: 326

Ion	Ratio	Lower	Upper
113	100		
55	186.6	186.6	226.6#
56	181.7	137.8	177.8#



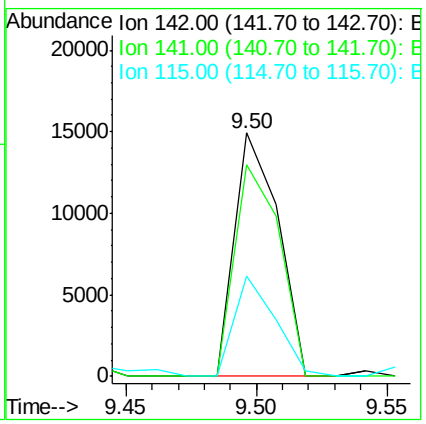


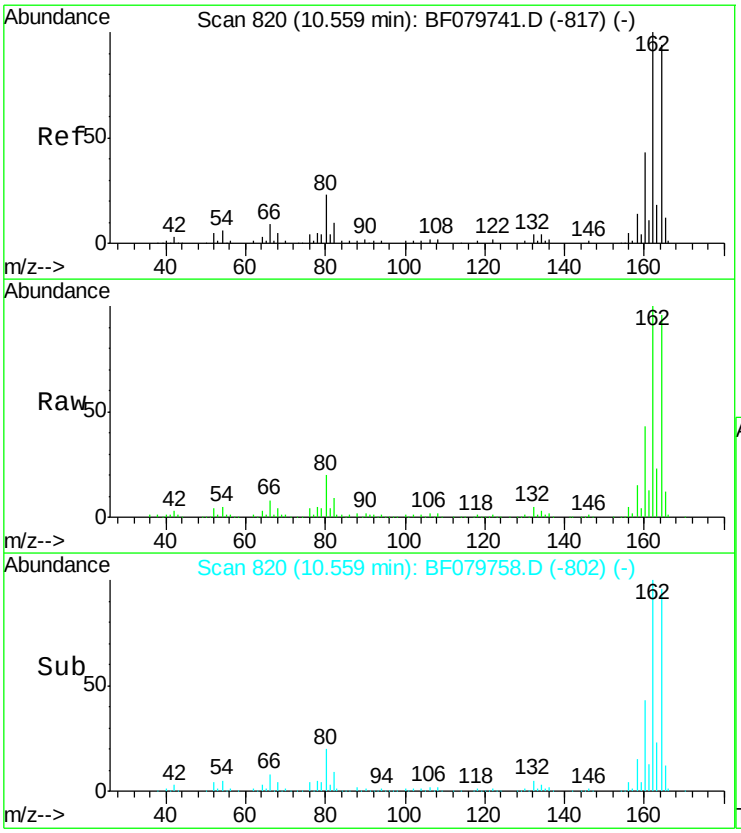
#37
2-Methylnaphthalene
Concen: 2.37 ng
RT: 9.50 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:142 Resp: 17489

Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.8	109.2
115	41.0	26.9	40.3#

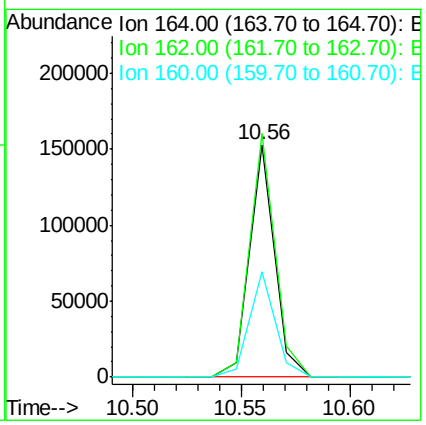


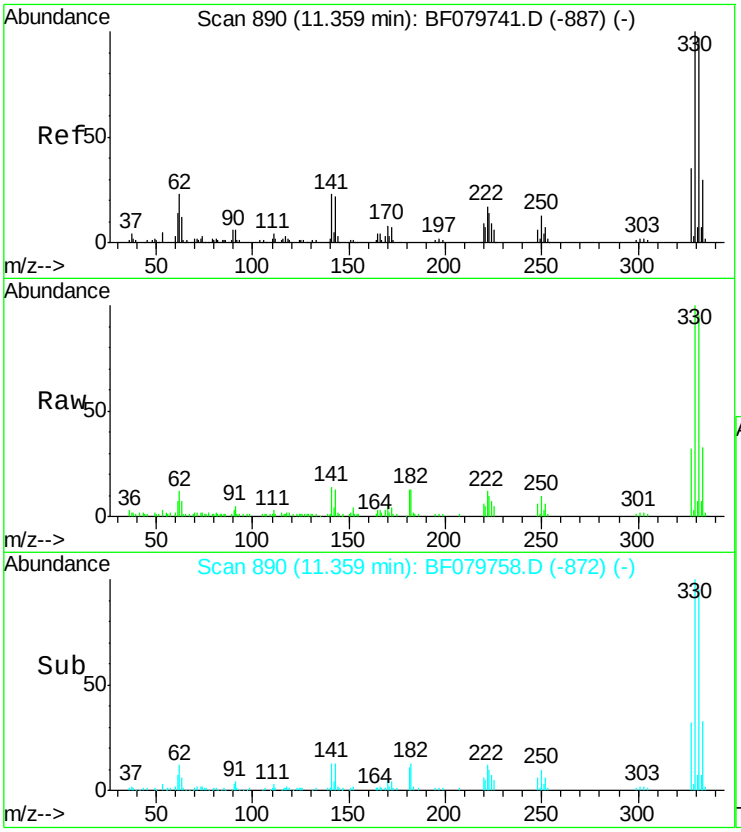


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.56 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:164 Resp: 122521

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	45.3	36.8	55.2



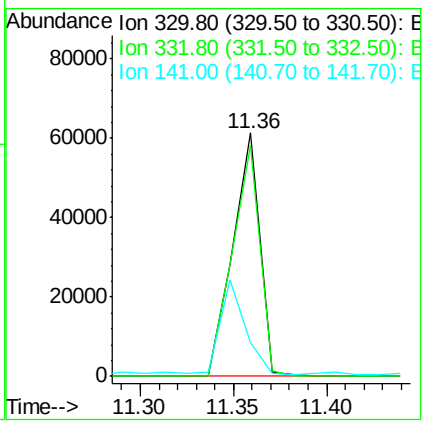


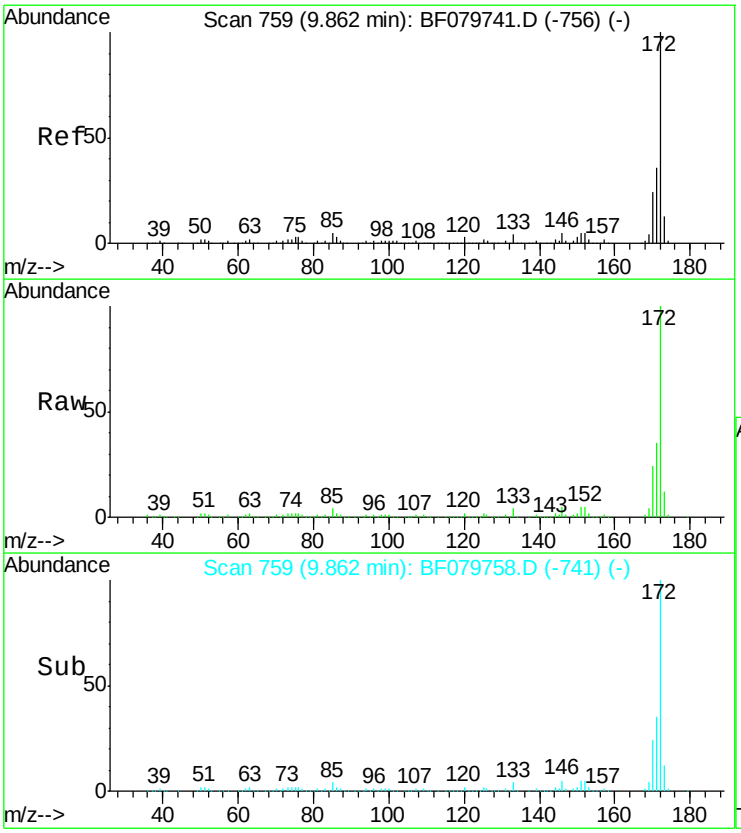
#41
2,4,6-Tribromophenol
Concen: 26.65 ng
RT: 11.36 min Scan# 890
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:330 Resp: 62469

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.0
141	38.2	30.2	45.2

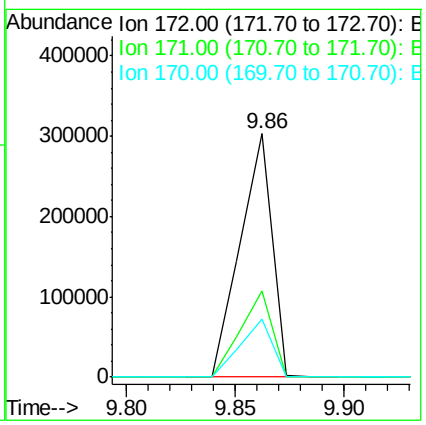


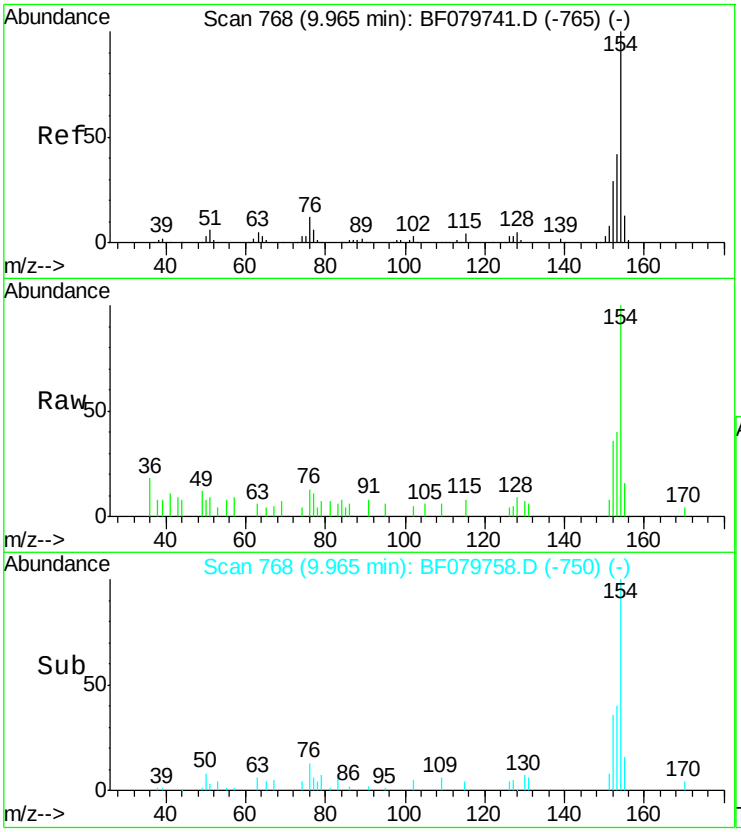


#44
2-Fluorobiphenyl
Concen: 17.05 ng
RT: 9.86 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:172 Resp: 308411

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.4	44.0
170	23.7	19.7	29.5



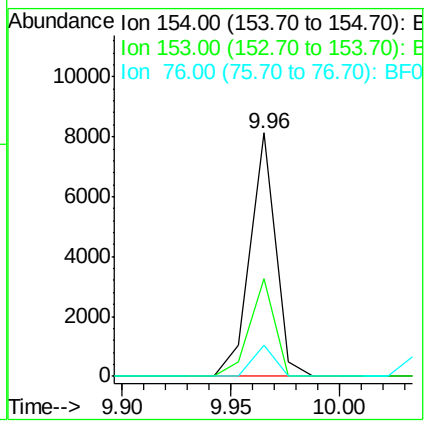


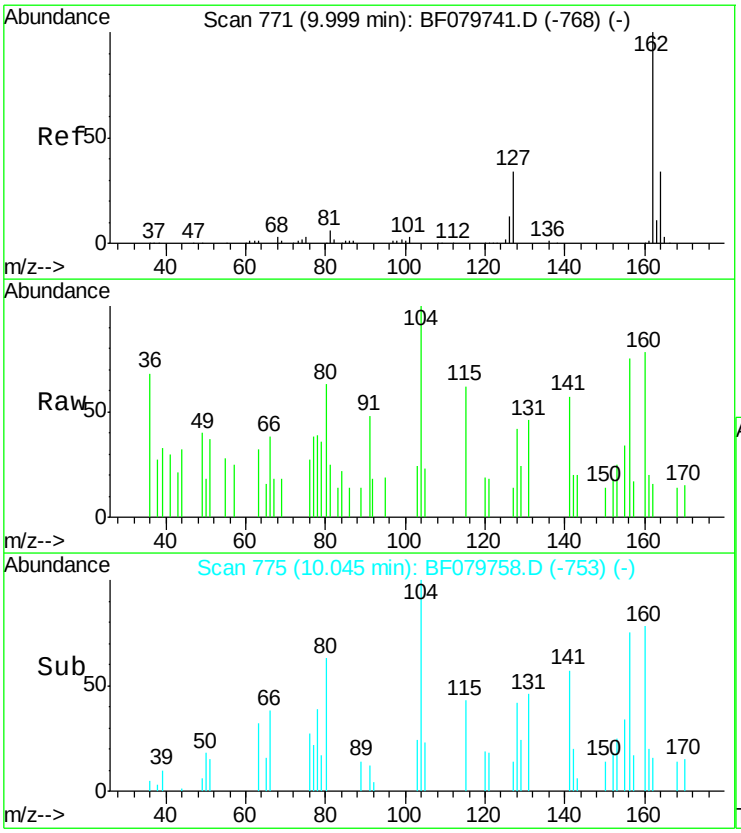
#45
1,1'-Biphenyl
Concen: 0.62 ng
RT: 9.96 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:154 Resp: 6606

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	12.9	0.0	28.2

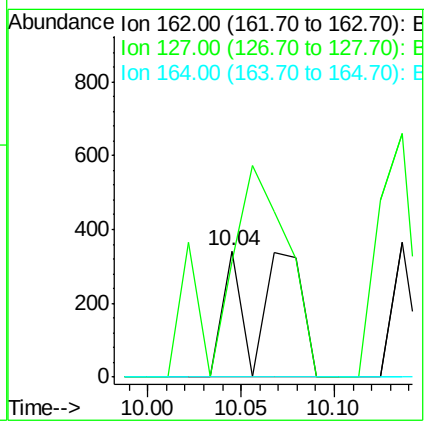


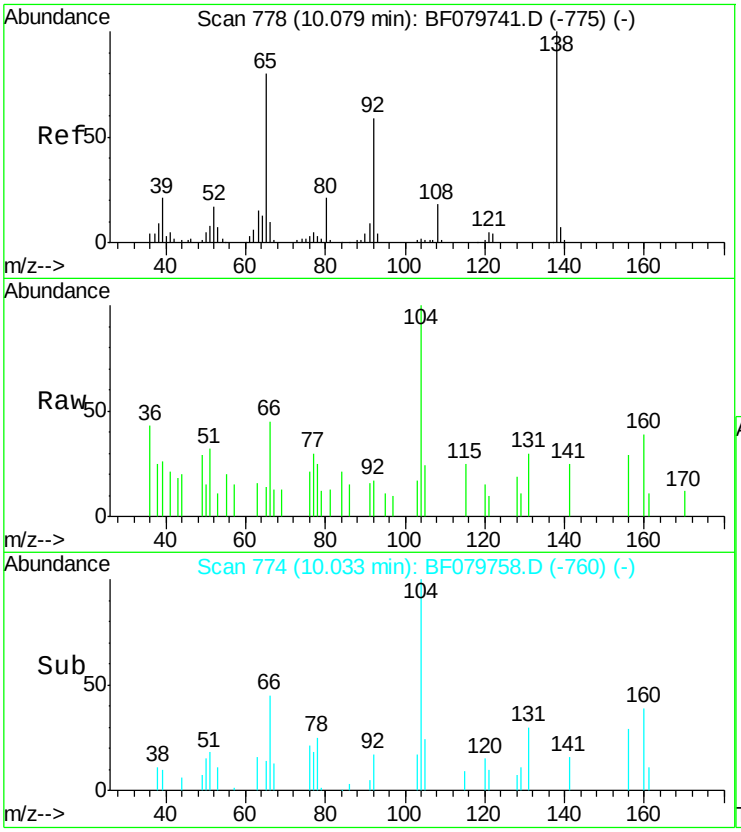


#46
2-Chloronaphthalene
Concen: 0.08 ng
RT: 10.04 min Scan# 775
Delta R.T. 0.05 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:162 Resp: 686

Ion	Ratio	Lower	Upper
162	100		
127	92.1	35.4	53.2#
164	0.0	26.3	39.5#



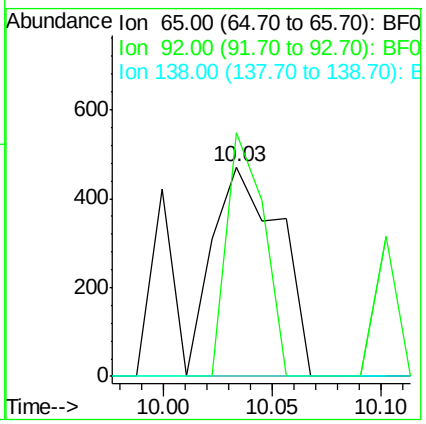


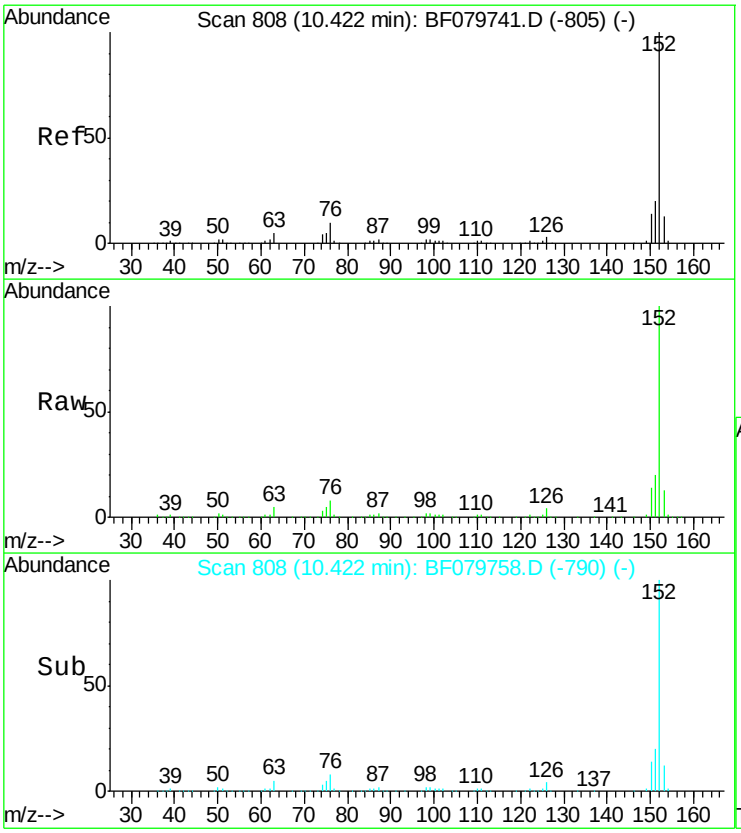
#47
2-Nitroaniline
Concen: 0.56 ng
RT: 10.03 min Scan# 774
Delta R.T. -0.05 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion: 65 Resp: 1018

Ion	Ratio	Lower	Upper
65	100		
92	116.1	49.0	73.6#
138	0.0	67.7	101.5#

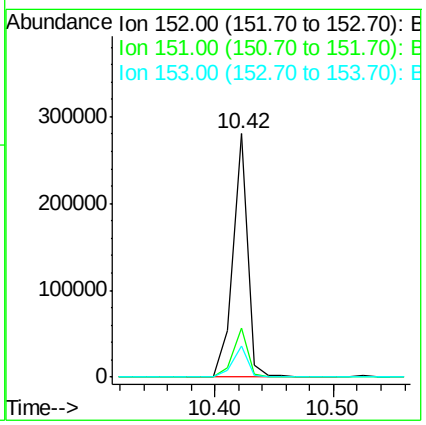


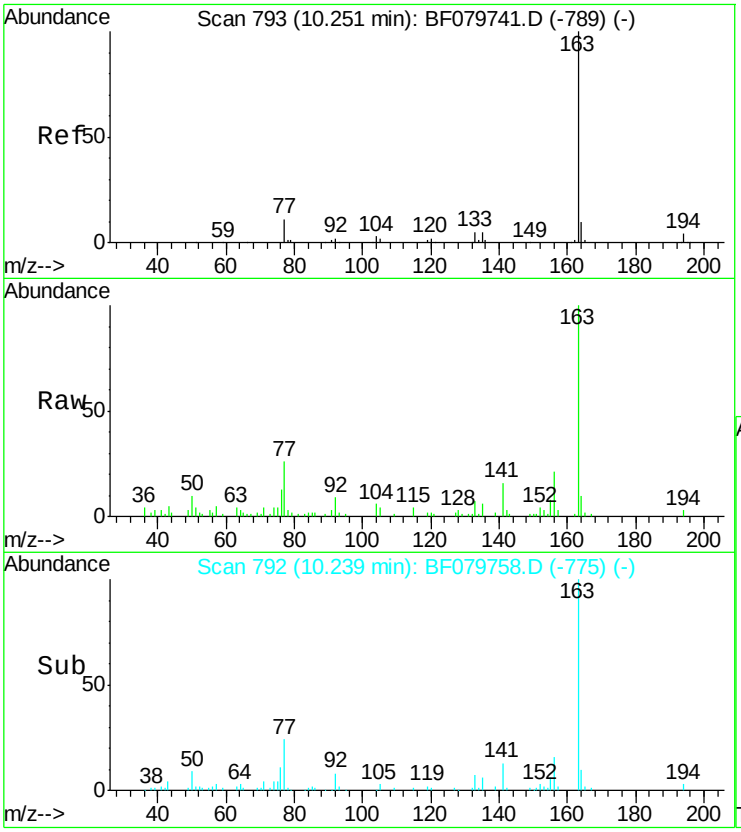


#48
Acenaphthylene
Concen: 16.95 ng
RT: 10.42 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:152 Resp: 243916

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4
153	12.7	10.4	15.6



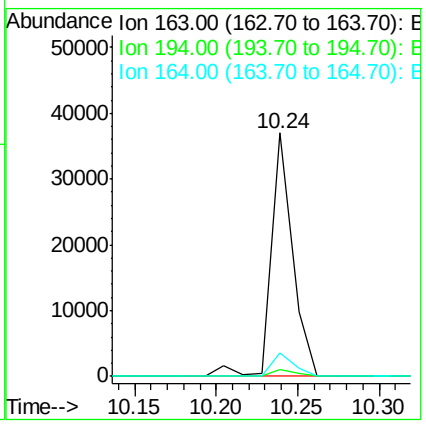


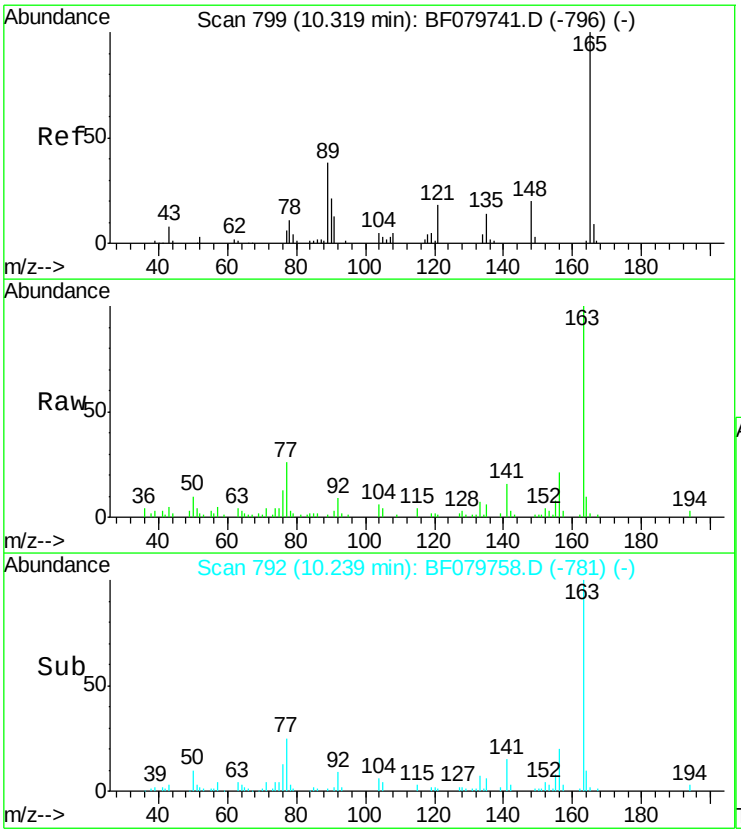
#49
Dimethylphthalate
Concen: 3.58 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:163 Resp: 33773

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	3.8
164	9.8	8.5	12.7

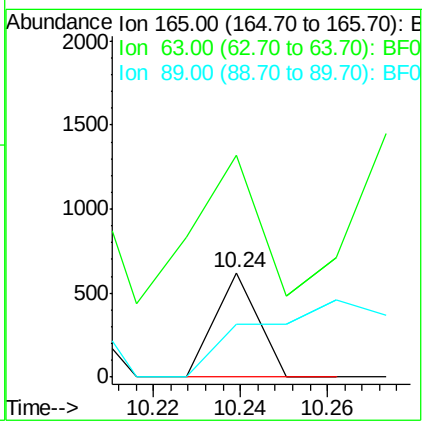


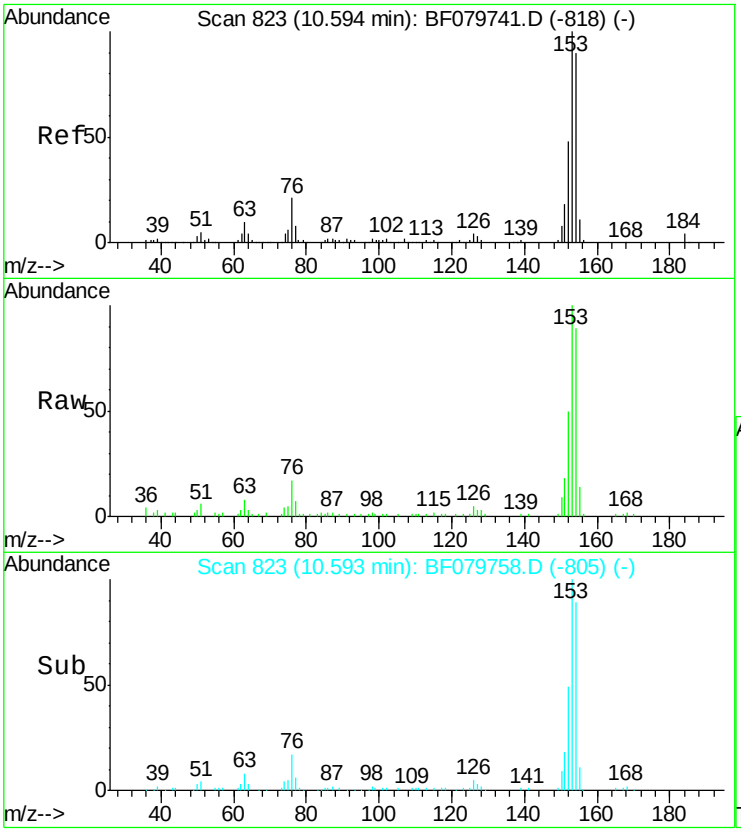


#50
2,6-Dinitrotoluene
Concen: 1.36 ng
RT: 10.24 min Scan# 792
Delta R.T. -0.08 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:165 Resp: 425

Ion	Ratio	Lower	Upper
165	100		
63	213.1	45.2	67.8#
89	50.5	45.9	68.9



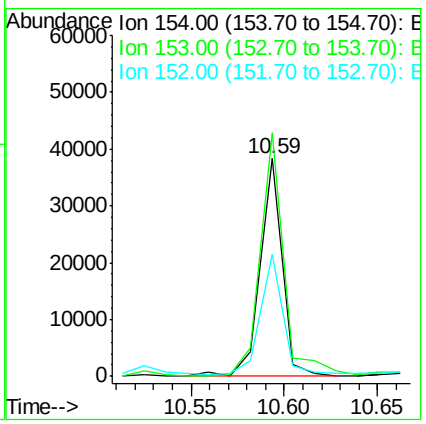


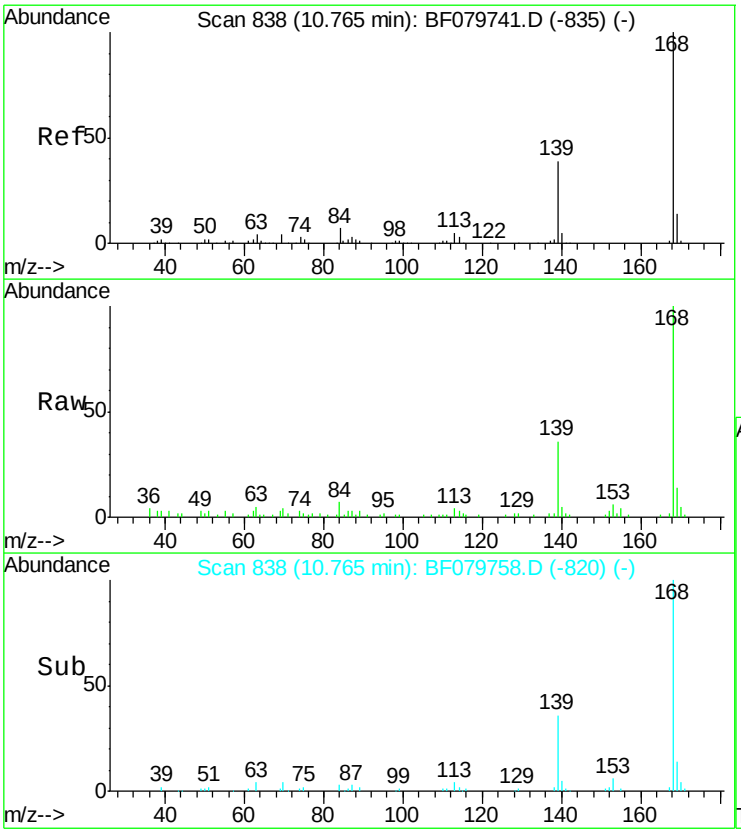
#51
Acenaphthene
Concen: 3.88 ng
RT: 10.59 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:154 Resp: 31585

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.1	135.1
152	56.0	43.4	65.0

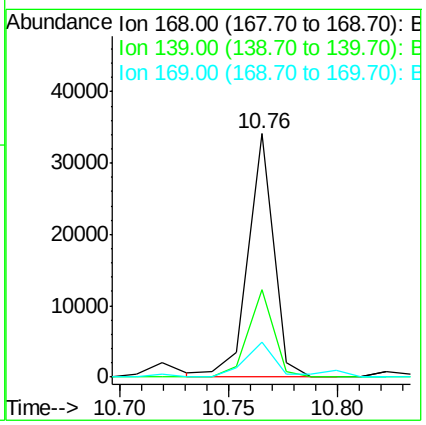


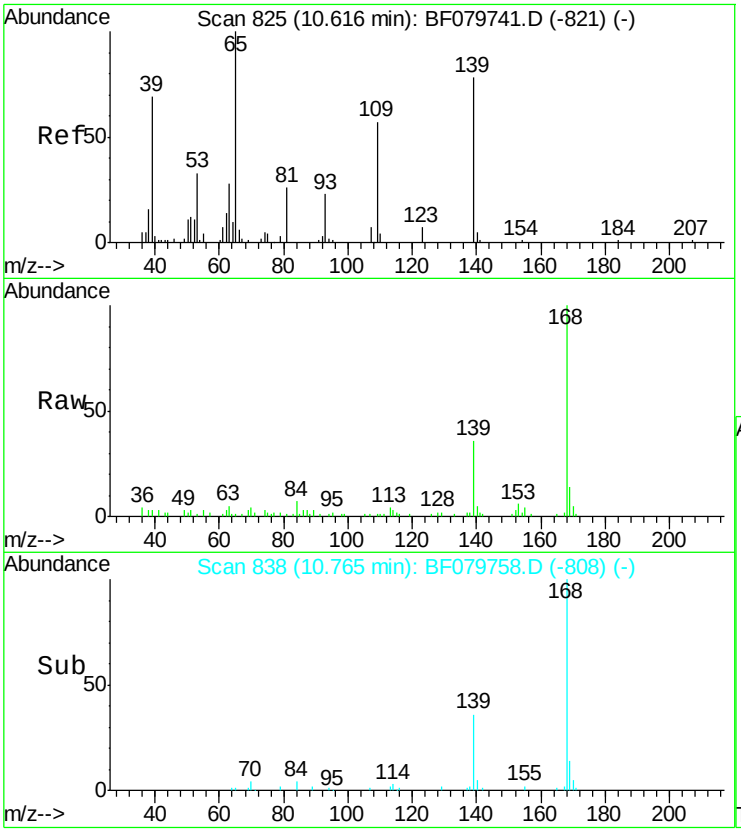


#54
Dibenzofuran
Concen: 2.40 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:168 Resp: 27703

Ion	Ratio	Lower	Upper
168	100		
139	35.8	27.7	41.5
169	14.1	11.0	16.4



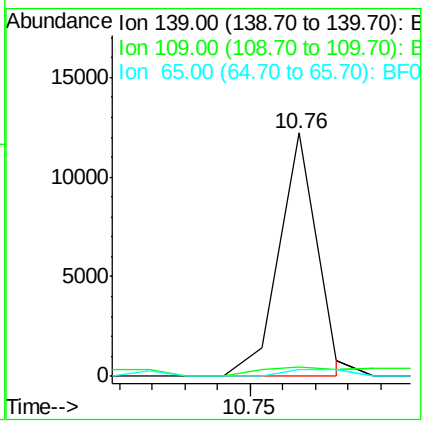


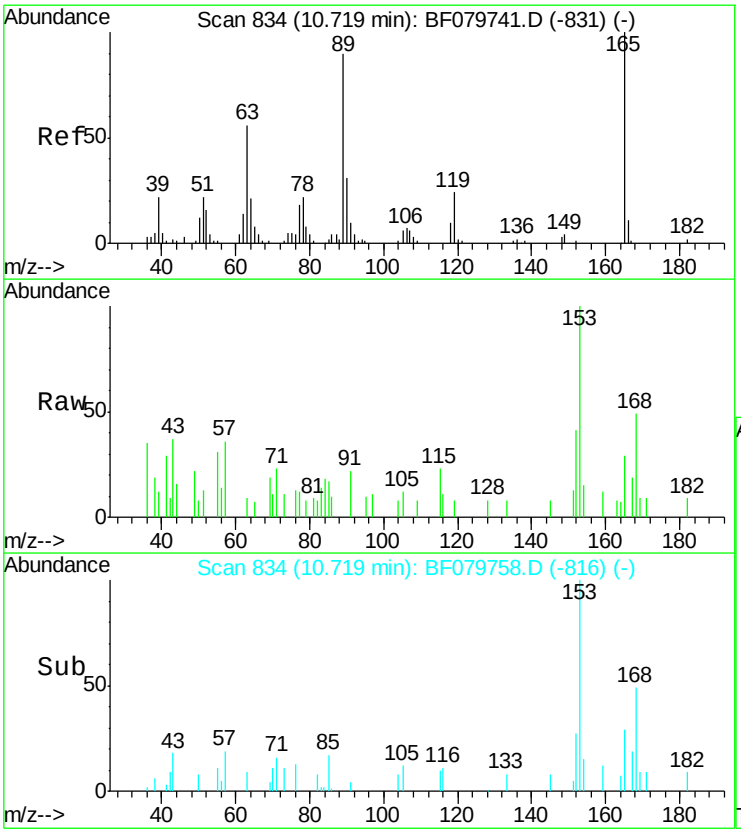
#55
4-Nitrophenol
Concen: 6.65 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.14 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:139 Resp: 9901

Ion	Ratio	Lower	Upper
139	100		
109	3.8	44.2	84.2#
65	3.0	72.3	112.3#

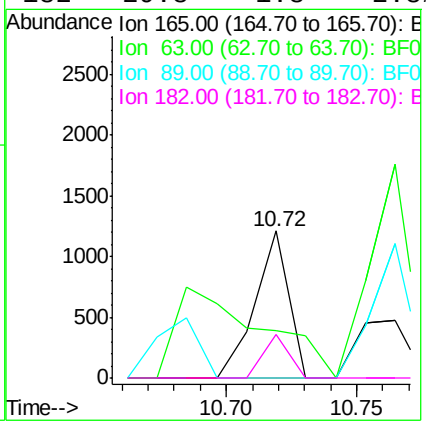


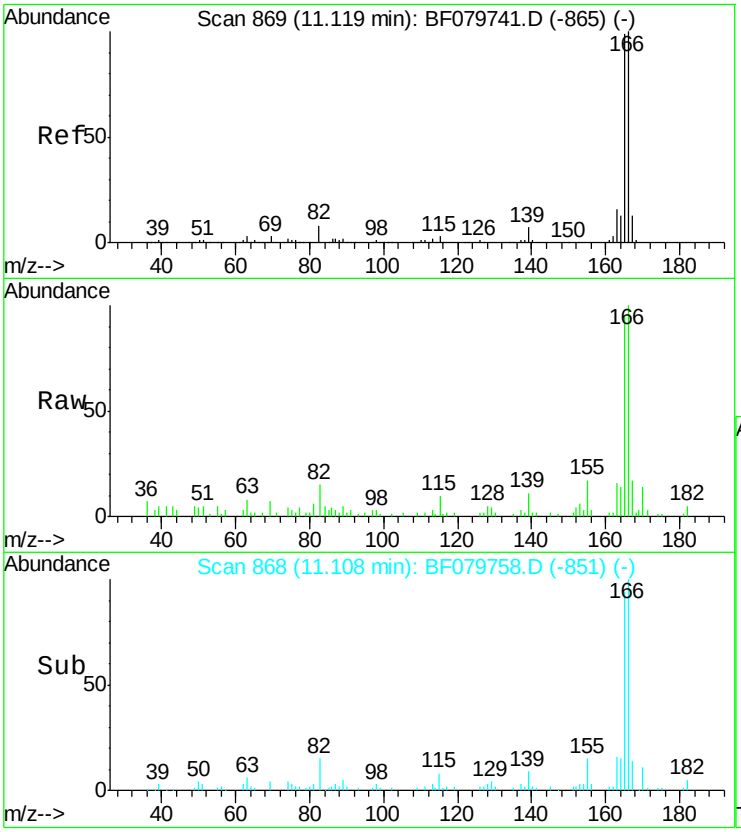


#56
2,4-Dinitrotoluene
Concen: 2.39 ng
RT: 10.72 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:165 Resp: 1088

Ion	Ratio	Lower	Upper
165	100		
63	32.6	24.7	37.1
89	0.0	45.7	68.5#
182	29.8	1.8	2.8#



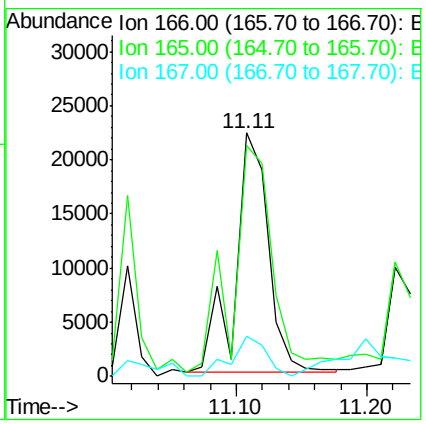


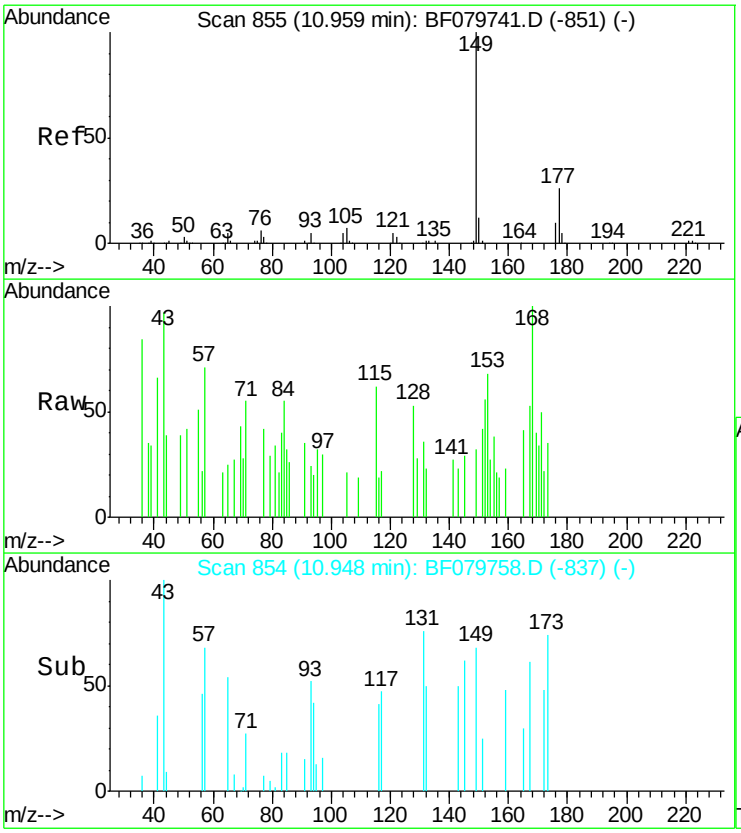
#57
Fluorene
Concen: 3.94 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:166 Resp: 39392

Ion	Ratio	Lower	Upper
166	100		
165	95.0	79.4	119.0
167	16.7	11.0	16.4#

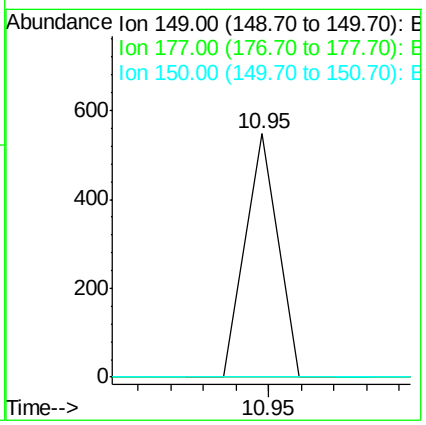


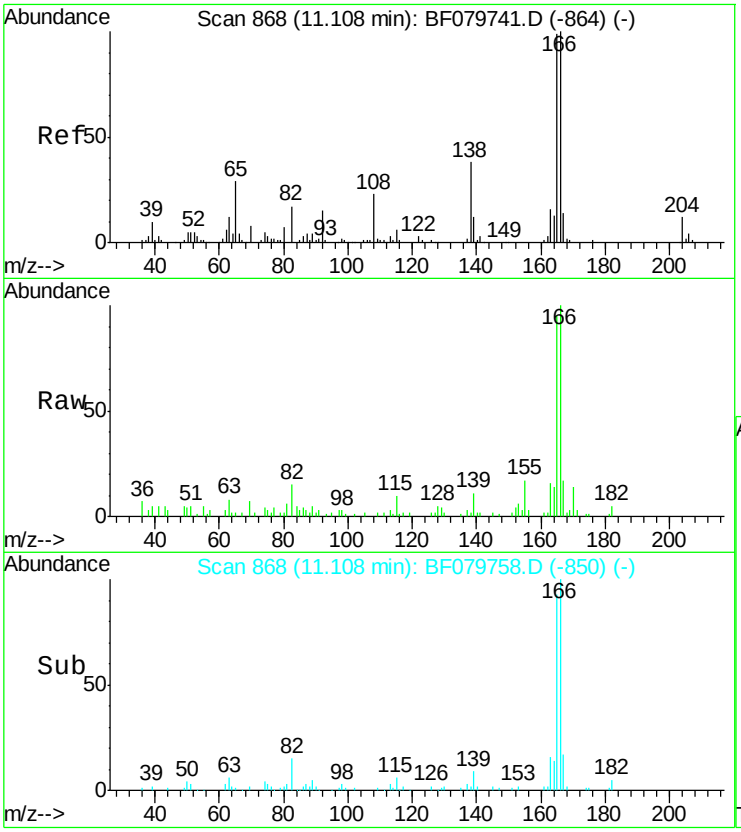


#59
Diethylphthalate
Concen: 0.04 ng
RT: 10.95 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:149 Resp: 376

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.1	27.1#
150	0.0	10.5	15.7#



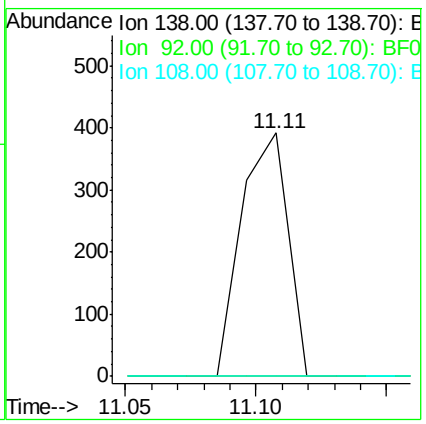


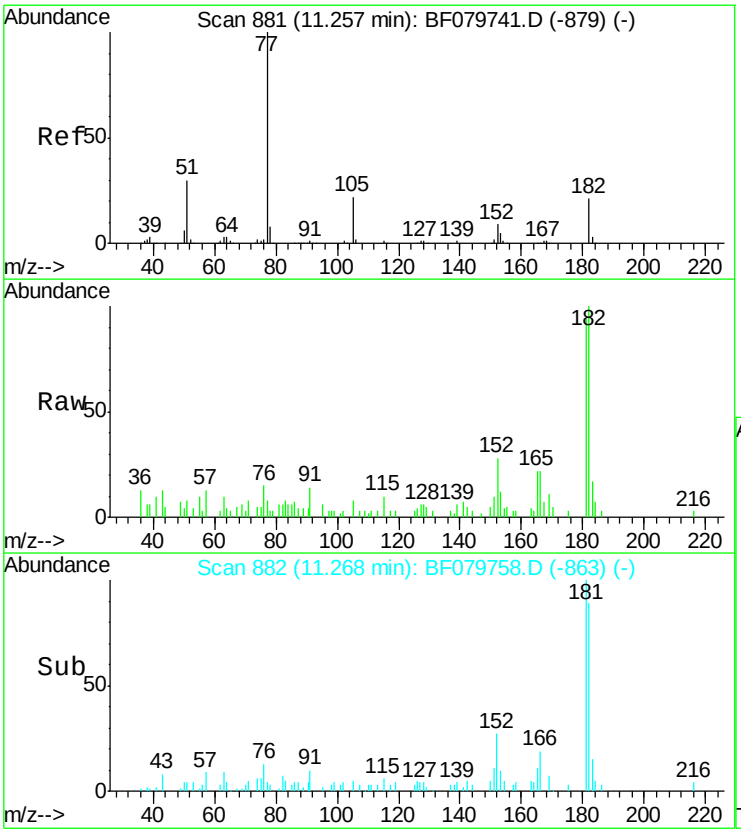
#61
4-Nitroaniline
Concen: Below Cal
RT: 11.11 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:138 Resp: 485

Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	78.2#
108	0.0	53.8	93.8#

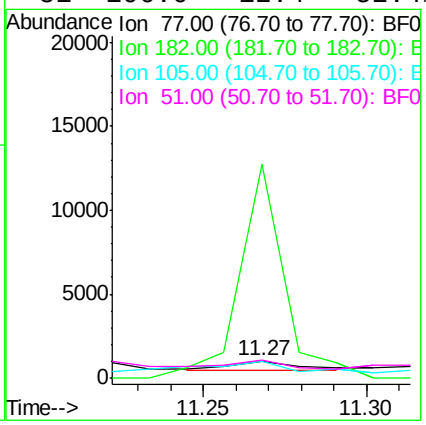


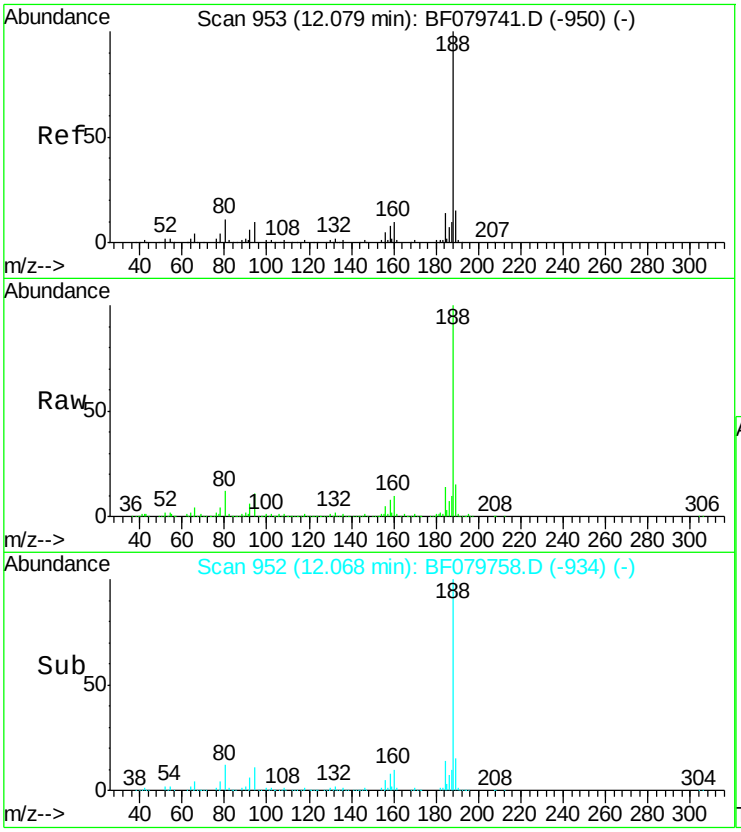


#62
Azobenzene
Concen: 0.09 ng
RT: 11.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion: 77 Resp: 846

Ion	Ratio	Lower	Upper
77	100		
182	1274.8	0.0	35.2#
105	101.5	0.0	39.5#
51	106.0	12.4	52.4#



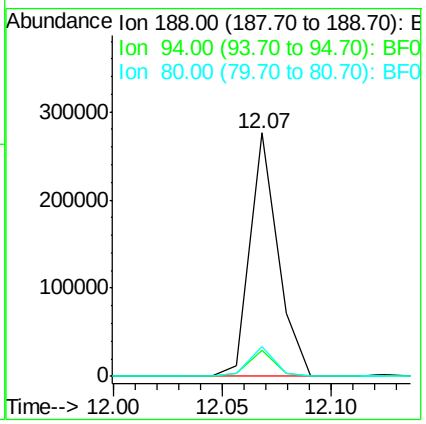


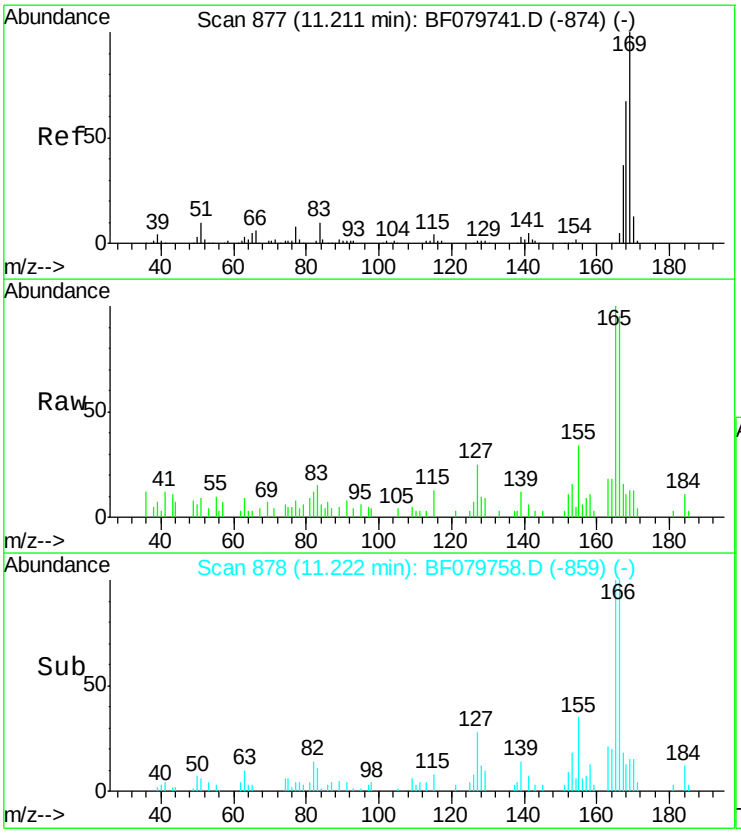
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.07 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:188 Resp: 246500

Ion	Ratio	Lower	Upper
188	100		
94	10.7	5.0	7.4#
80	12.1	5.3	7.9#

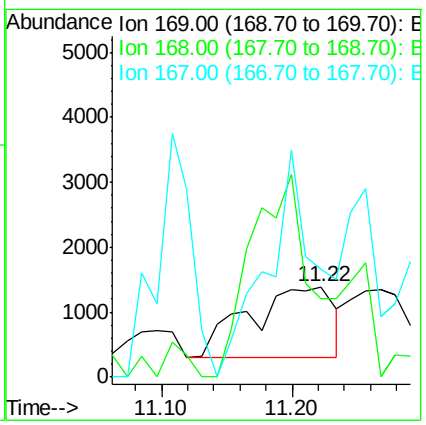


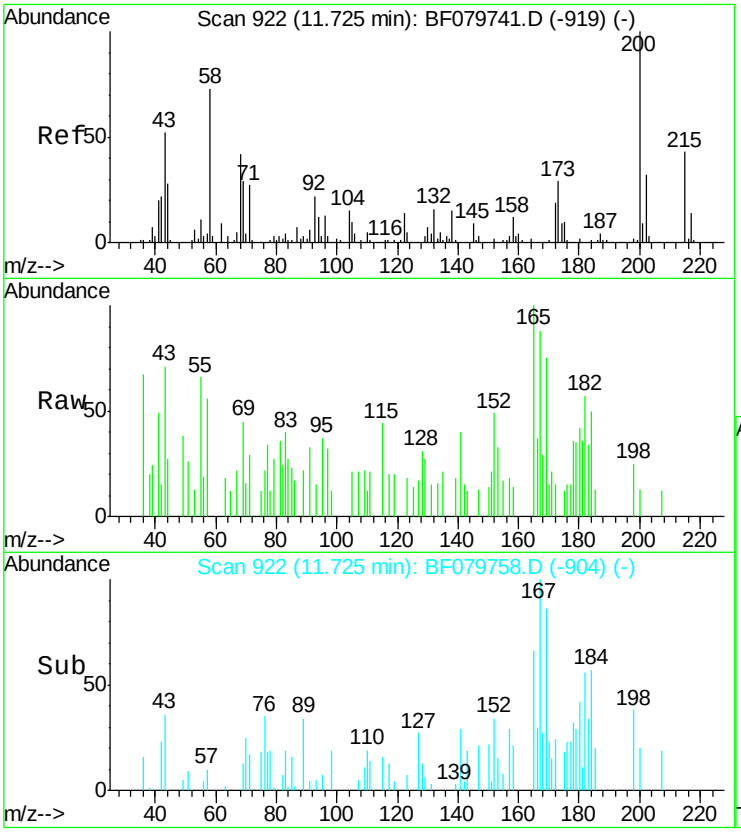


#65
n-Nitrosodiphenylamine
Concen: 0.60 ng
RT: 11.22 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:169 Resp: 4940

Ion	Ratio	Lower	Upper
169	100		
168	87.4	54.8	82.2#
167	119.8	29.7	44.5#



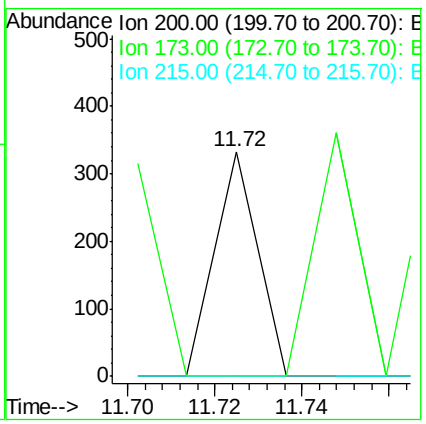


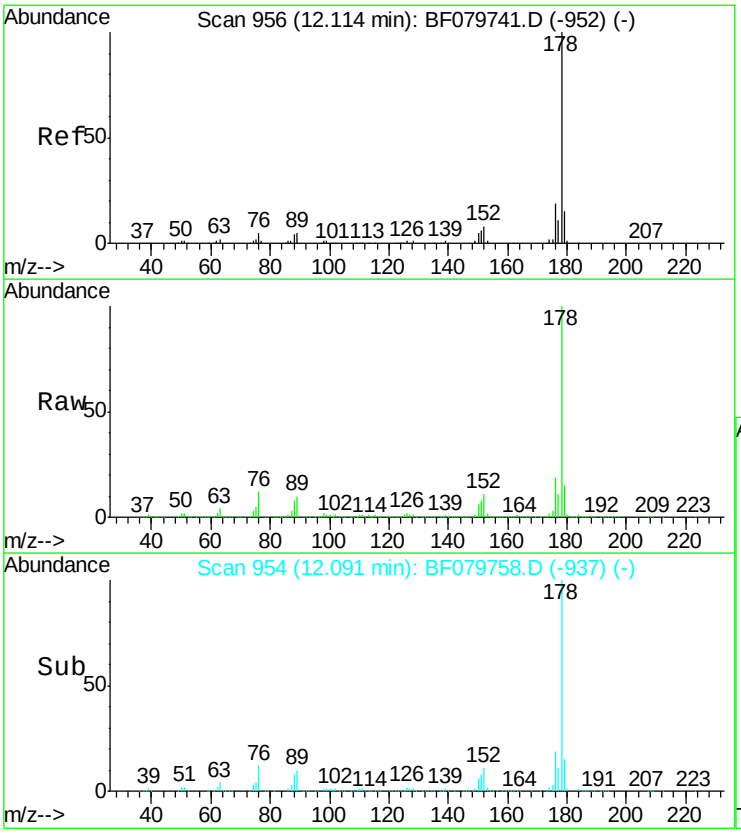
#68
Atrazine
Concen: 0.09 ng
RT: 11.72 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:200 Resp: 228

Ion	Ratio	Lower	Upper
200	100		
173	0.0	5.5	45.5#
215	0.0	28.5	68.5#

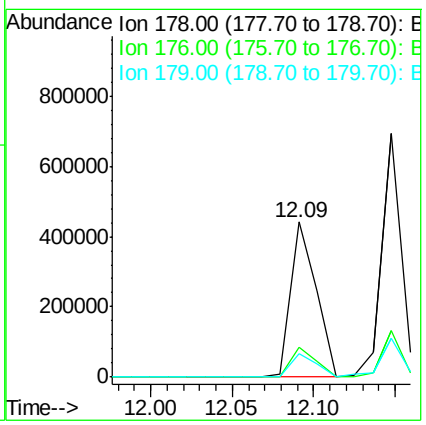


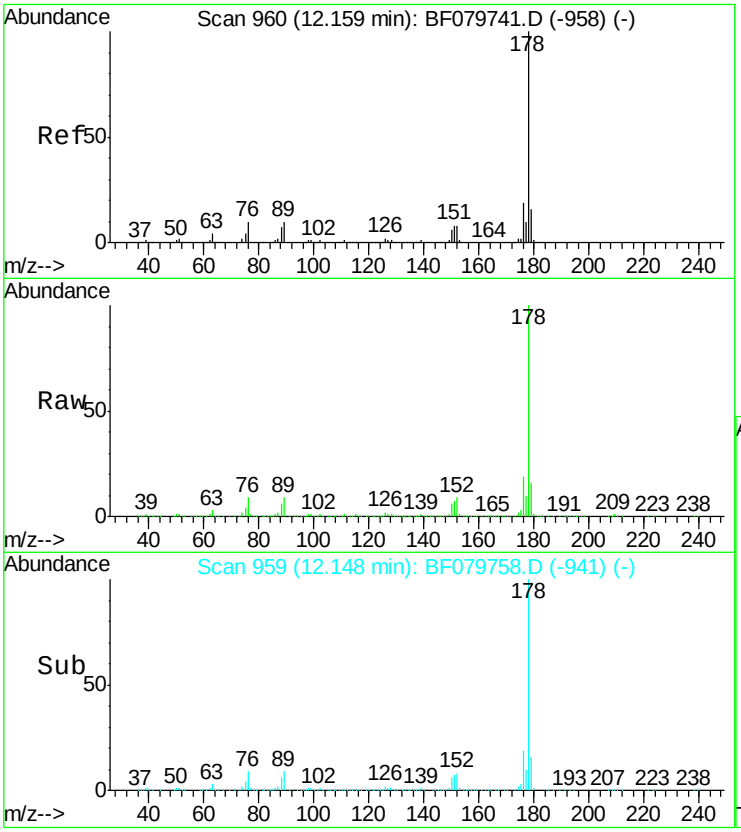


#70
Phenanthrene
Concen: 33.11 ng
RT: 12.09 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:178 Resp: 477791

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0



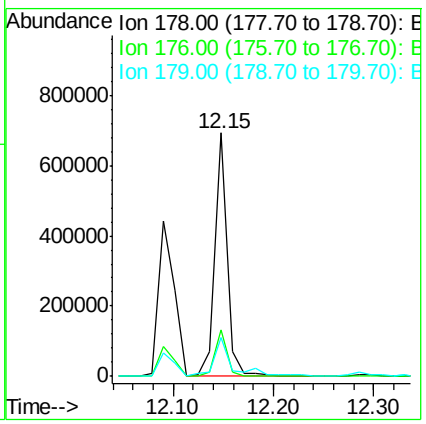


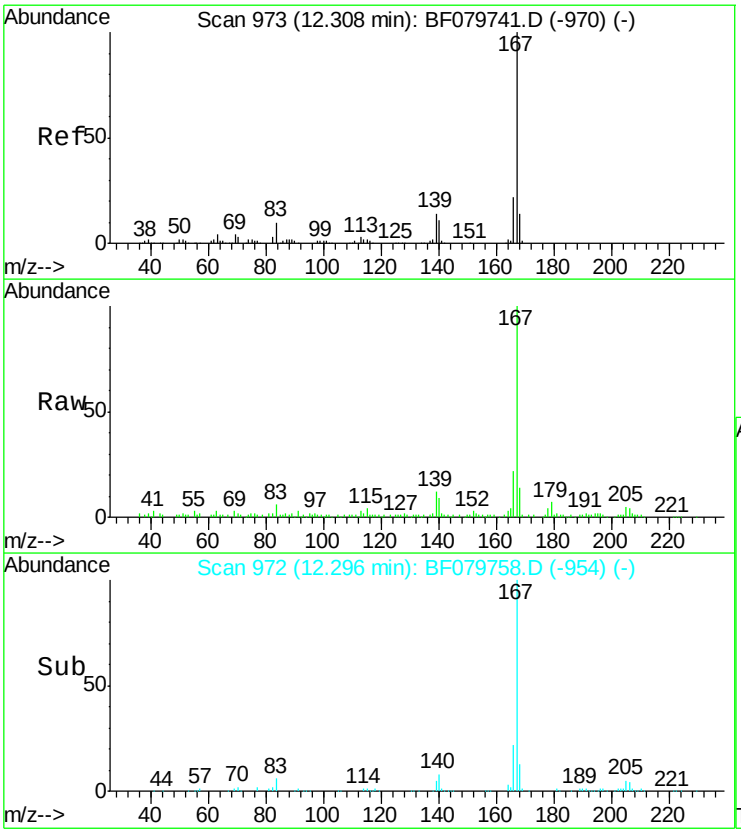
#71
Anthracene
Concen: 41.22 ng
RT: 12.15 min Scan# 959
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:178 Resp: 586571

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.9	12.2	18.2

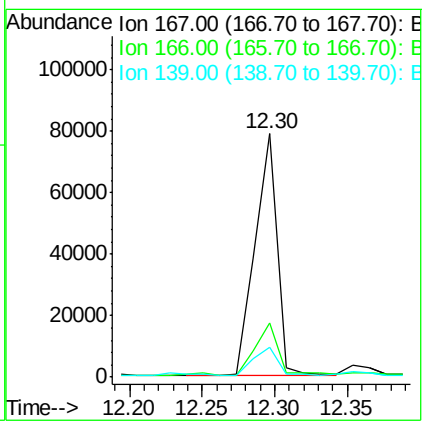


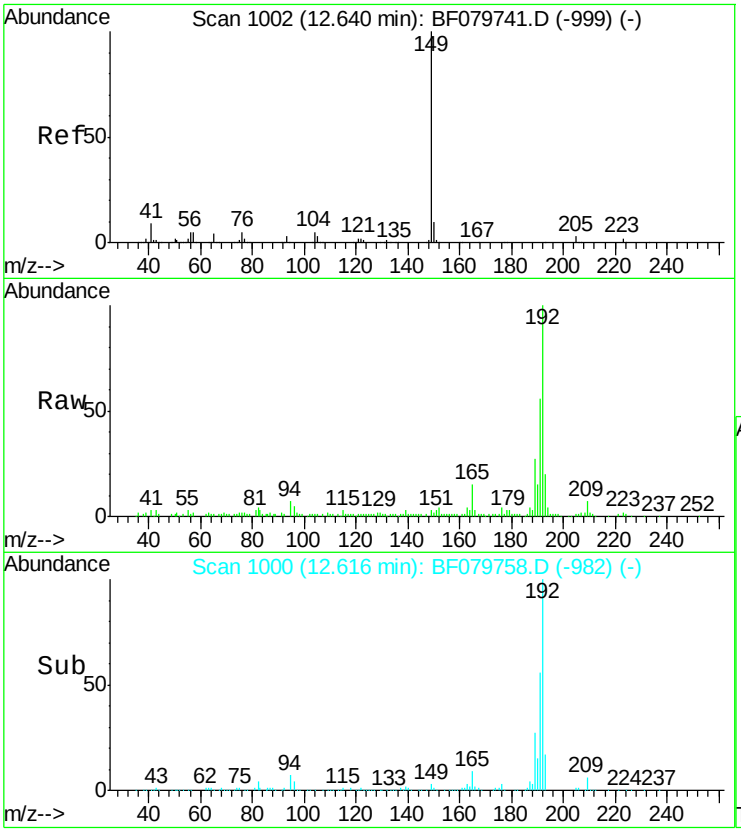


#72
Carbazole
Concen: 6.20 ng
RT: 12.30 min Scan# 972
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:167 Resp: 83914

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	12.0	9.3	13.9



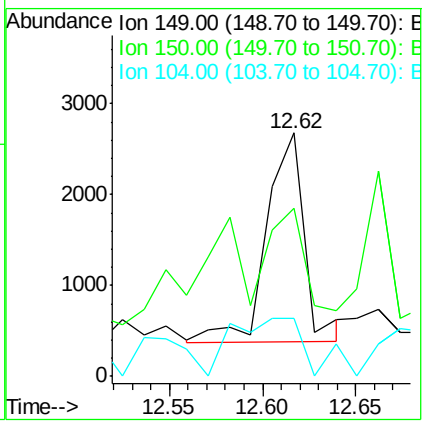


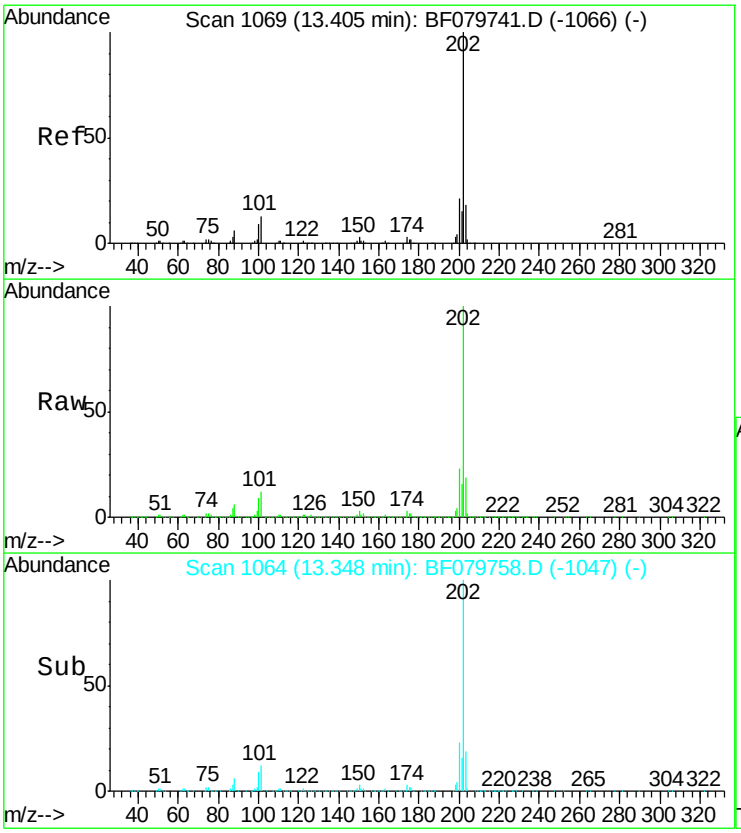
#73
Di-n-butylphthalate
Concen: 0.21 ng
RT: 12.62 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:149 Resp: 3236

Ion	Ratio	Lower	Upper
149	100		
150	69.0	9.8	14.8#
104	23.7	12.9	19.3#

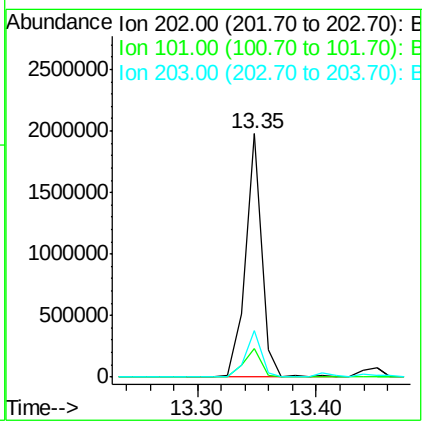


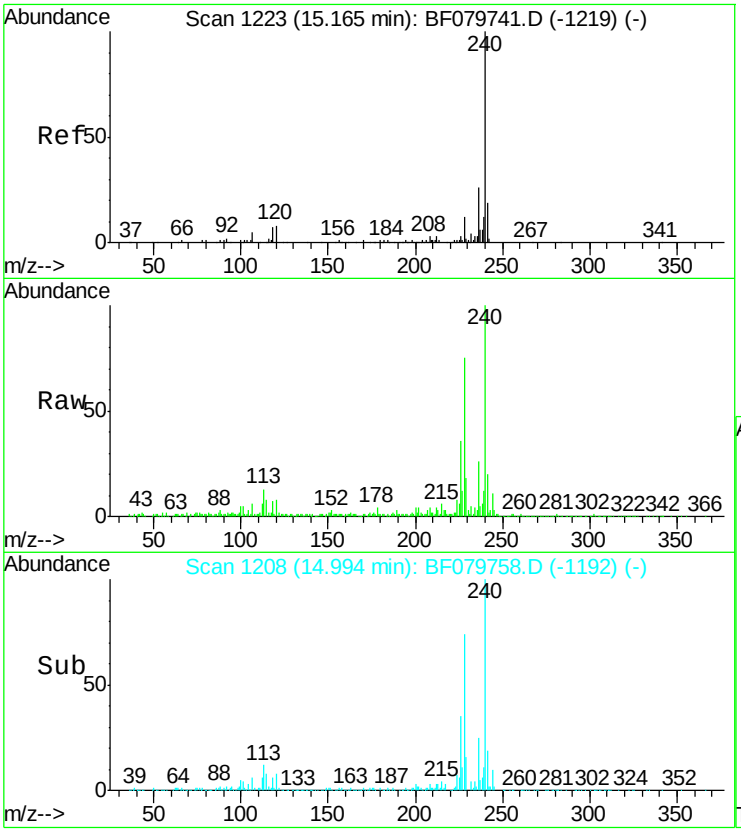


#74
Fluoranthene
Concen: 119.36 ng
RT: 13.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:202 Resp: 1886088

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.3
203	19.1	0.0	38.4



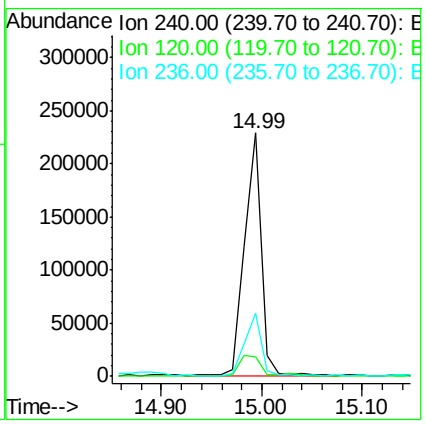


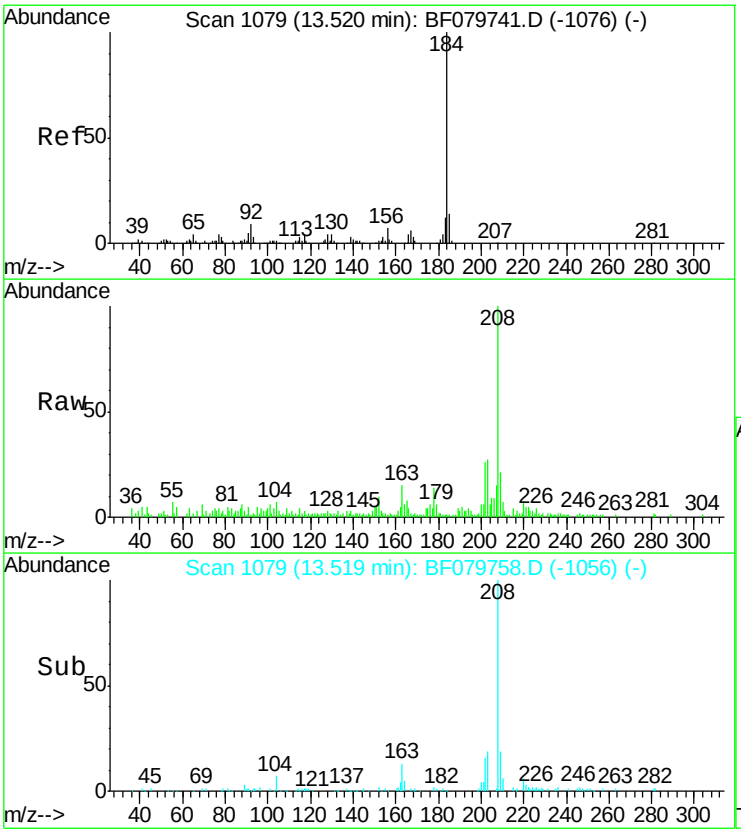
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.99 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:240 Resp: 262404

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.2
236	25.7	21.0	31.4

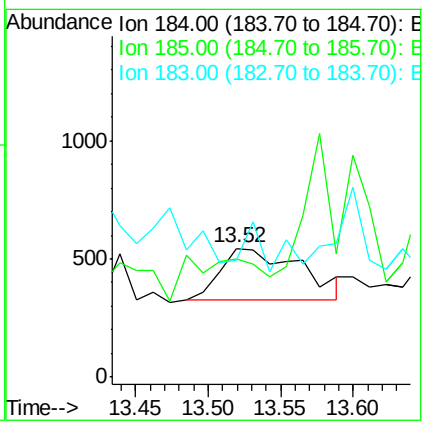


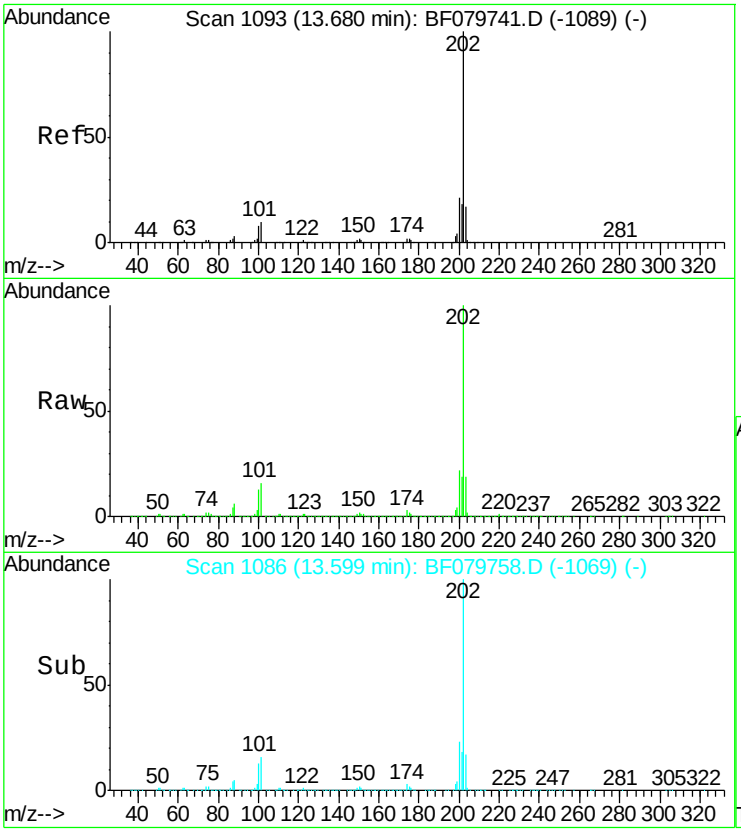


#76
Benzidine
Concen: 0.10 ng
RT: 13.52 min Scan# 1079
Delta R.T. 0.06 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:184 Resp: 821

Ion	Ratio	Lower	Upper
184	100		
185	91.6	12.2	18.2#
183	90.5	9.3	13.9#



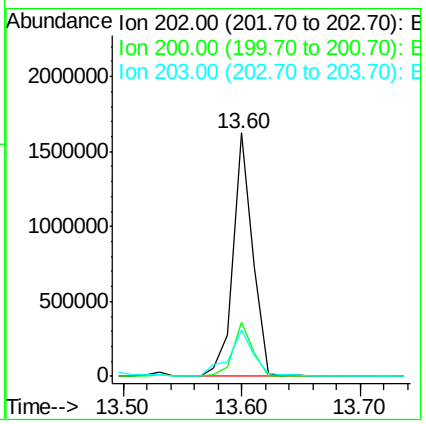


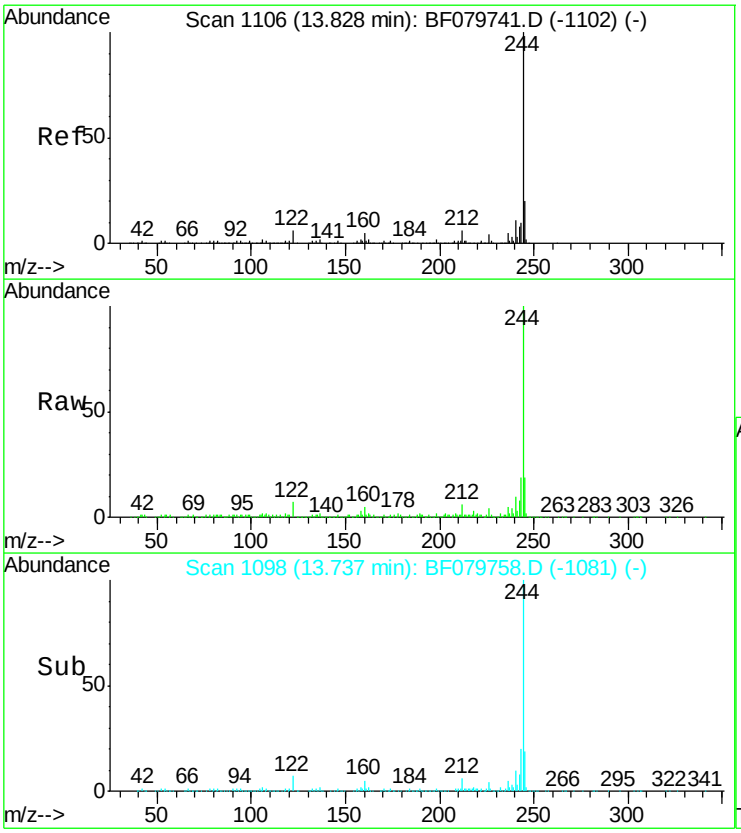
#77
Pyrene
Concen: 115.24 ng
RT: 13.60 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:202 Resp: 1853876

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.5	26.3
203	18.9	14.8	22.2

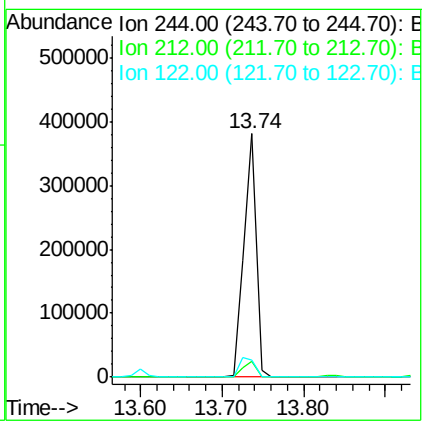


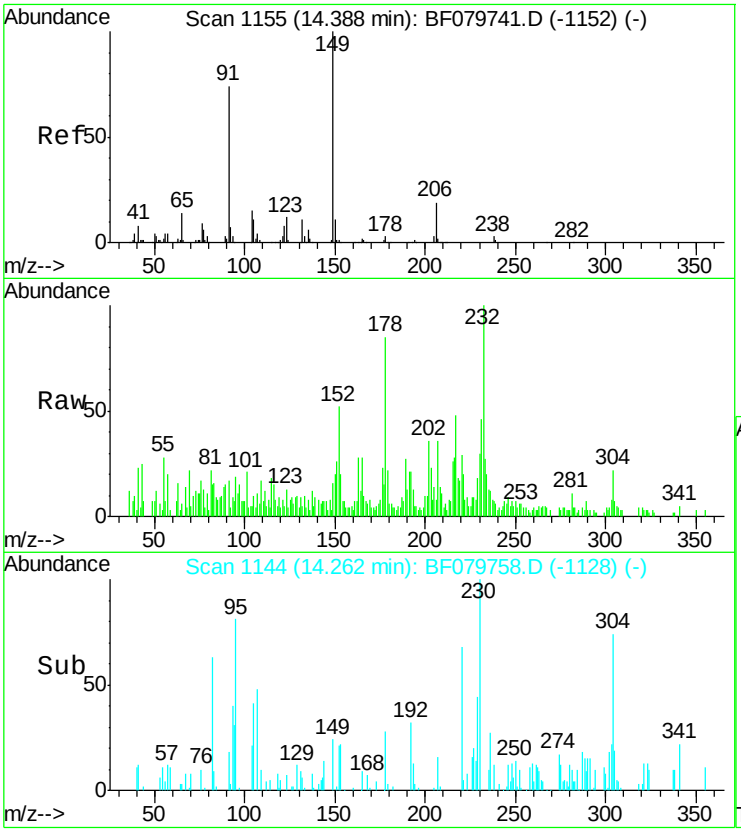


#78
Terphenyl-d14
Concen: 17.47 ng
RT: 13.74 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:244 Resp: 400432

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.1	9.1
122	7.3	9.3	13.9#



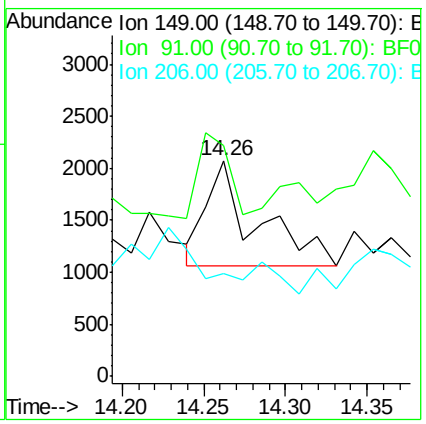


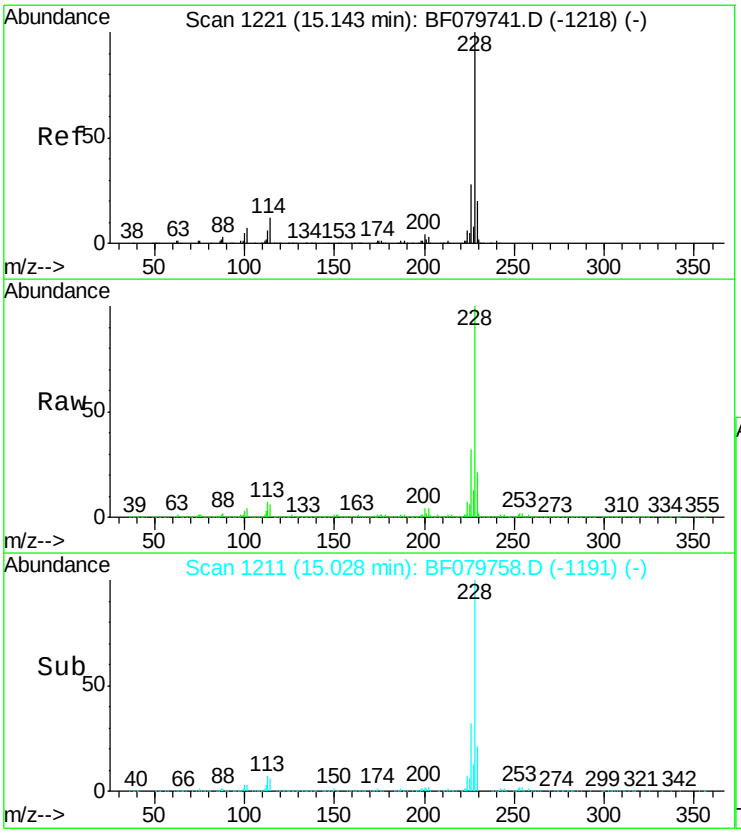
#79
Butylbenzylphthalate
Concen: 0.34 ng
RT: 14.26 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:149 Resp: 2158

Ion	Ratio	Lower	Upper
149	100		
91	106.9	64.4	96.6#
206	47.8	14.8	22.2#

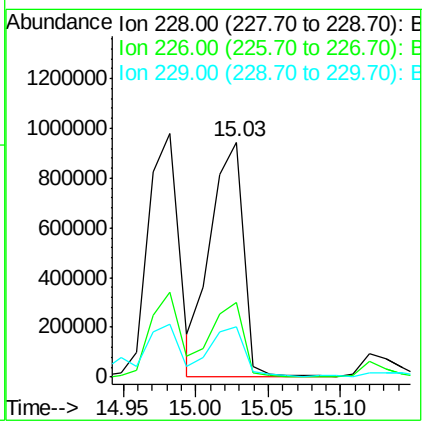


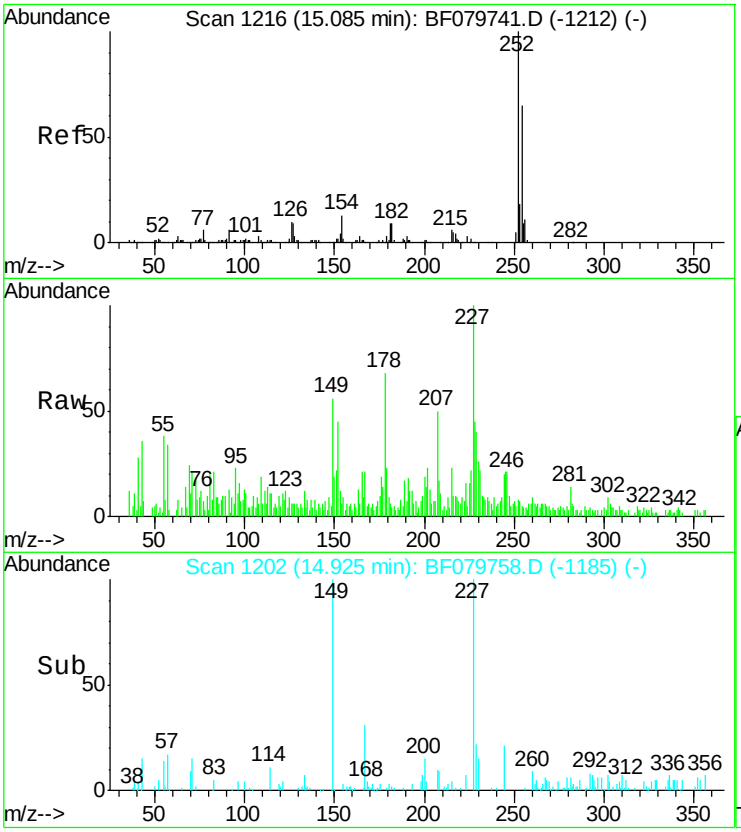


#80
Benzo(a)anthracene
Concen: 92.68 ng
RT: 15.03 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:228 Resp: 1488665

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.2	33.4
229	21.4	16.6	25.0



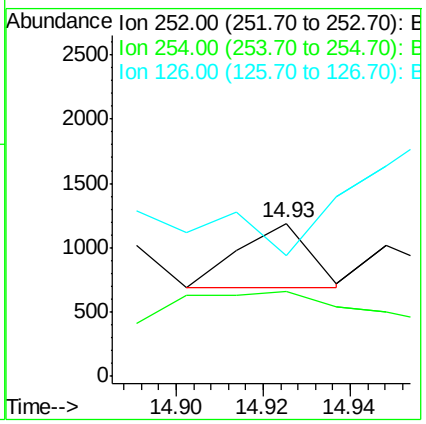


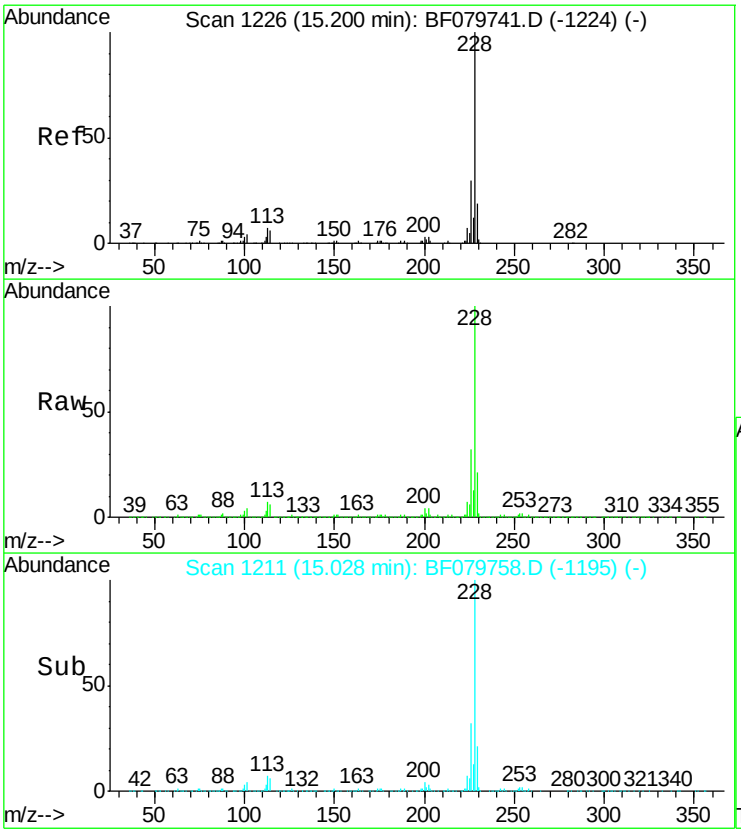
#81
3,3'-Dichlorobenzidine
Concen: 0.11 ng
RT: 14.93 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:252 Resp: 573

Ion	Ratio	Lower	Upper
252	100		
254	55.6	52.0	78.0
126	78.8	6.9	10.3#

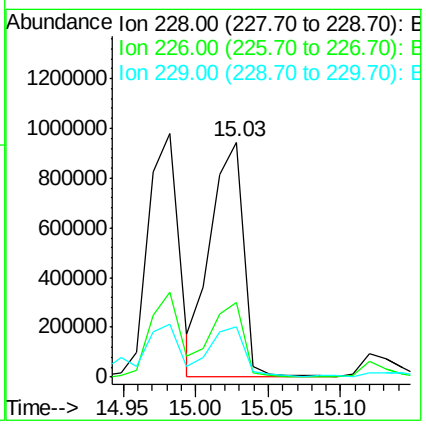


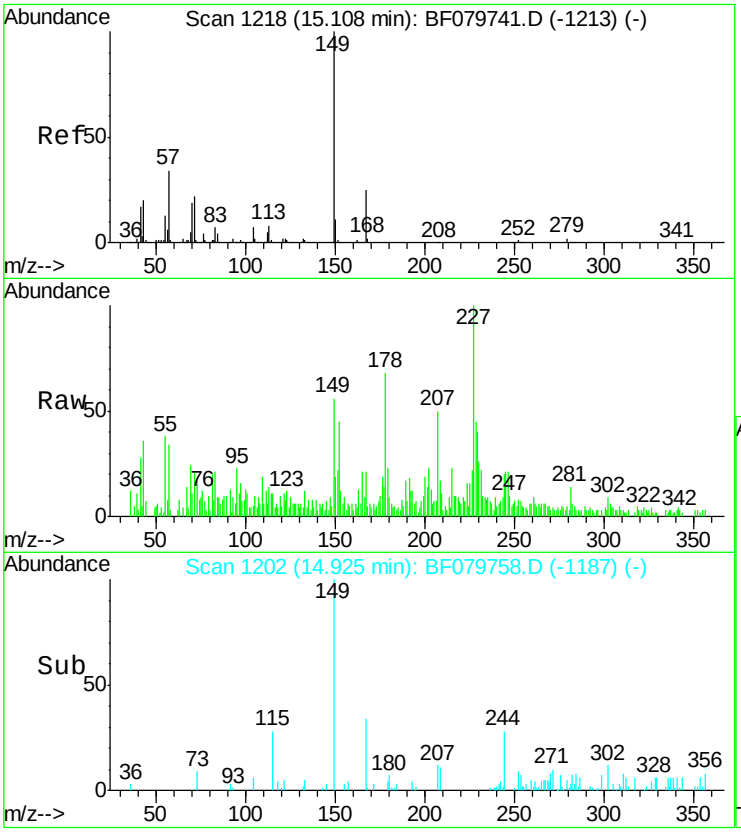


#82
Chrysene
Concen: 100.45 ng
RT: 15.03 min Scan# 1211
Delta R.T. -0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:228 Resp: 1491588

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.2	37.8
229	21.4	16.2	24.4



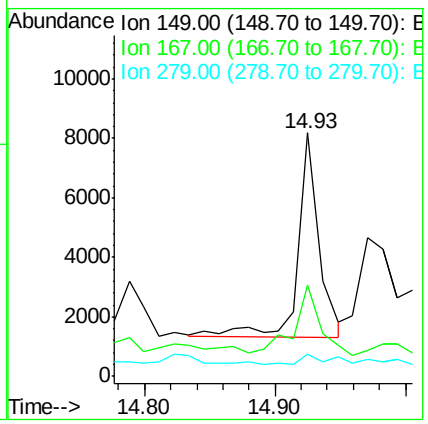


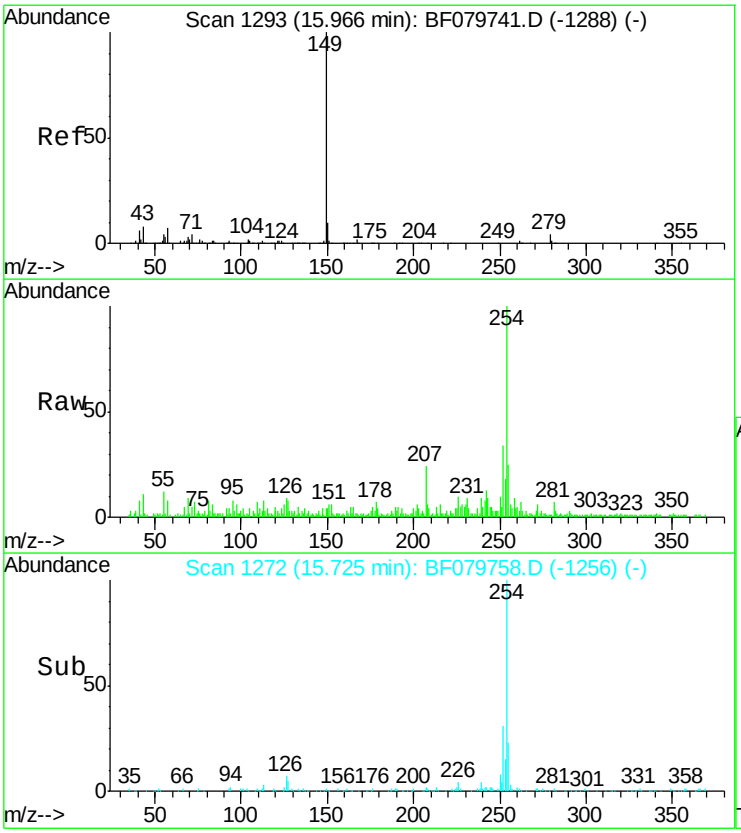
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.76 ng
RT: 14.93 min Scan# 1202
Delta R.T. -0.03 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:149 Resp: 7665

Ion	Ratio	Lower	Upper
149	100		
167	37.5	20.9	31.3#
279	9.3	2.2	3.2#

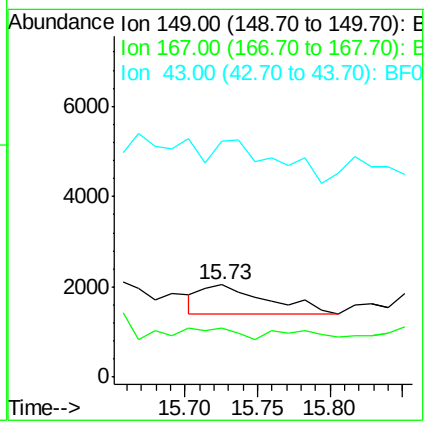


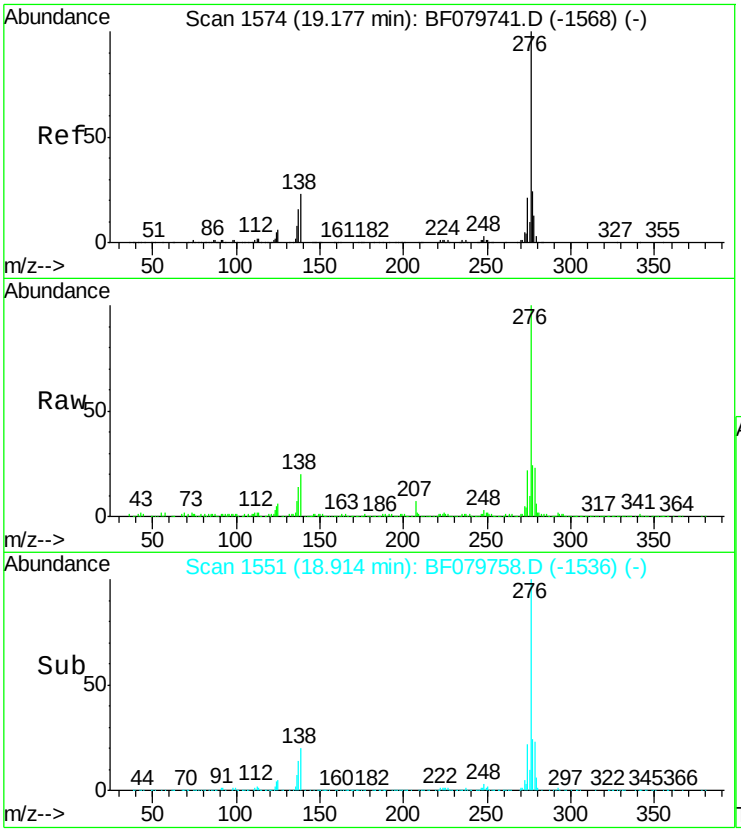


#84
Di-n-octyl phthalate
Concen: 0.11 ng
RT: 15.73 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:149 Resp: 1941

Ion	Ratio	Lower	Upper
149	100		
167	29.5	1.3	1.9#
43	0.0	9.0	13.4#



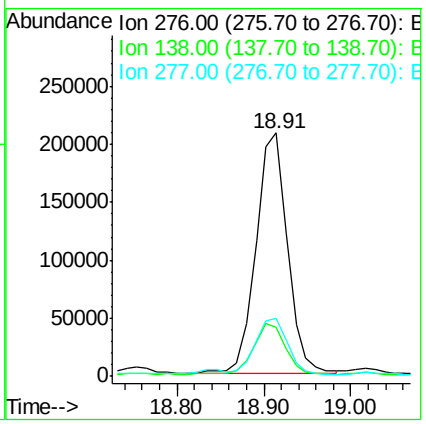


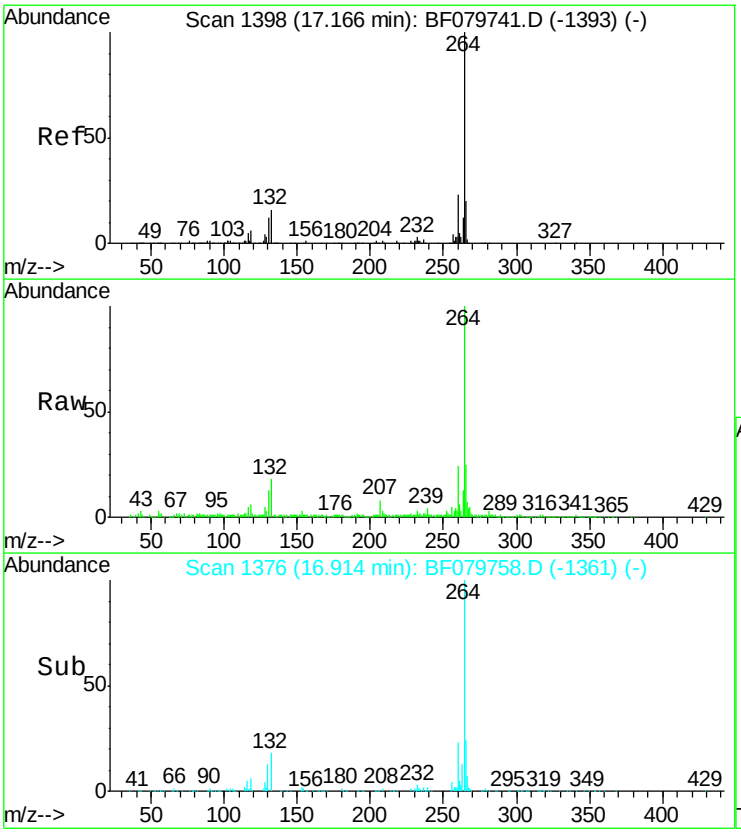
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.54 ng
RT: 18.91 min Scan# 1551
Delta R.T. -0.03 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:276 Resp: 524952

Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.8	31.2
277	23.8	20.0	30.0

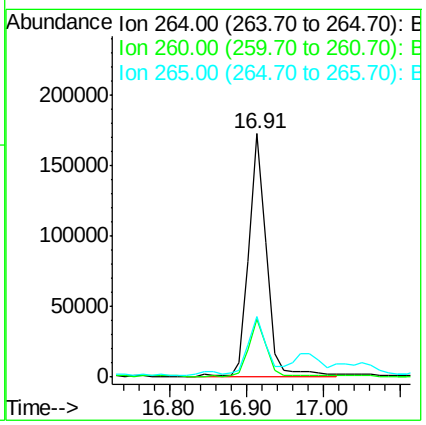


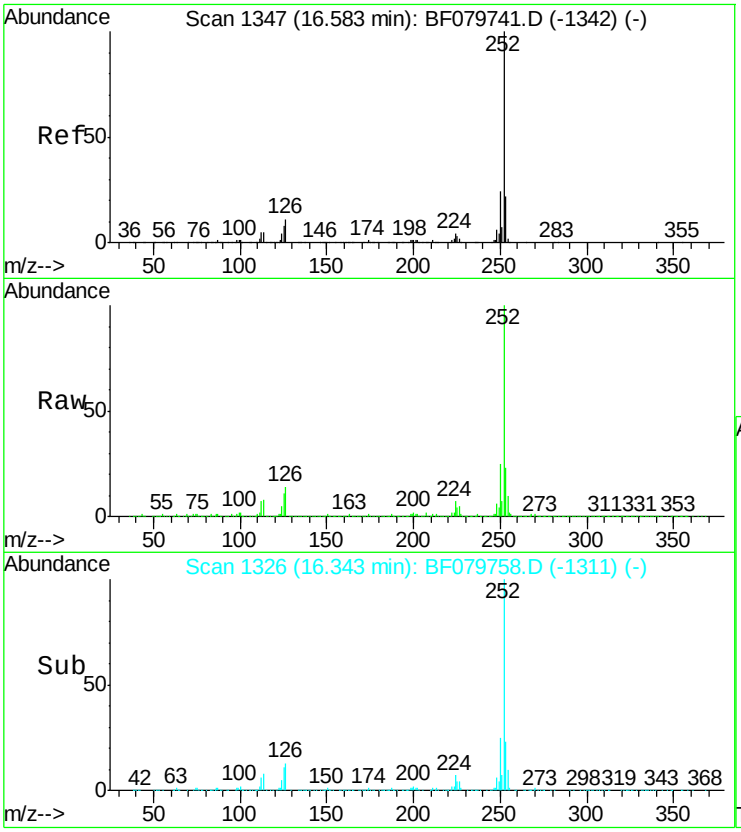


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.91 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:264 Resp: 273019

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	24.9	18.2	27.4



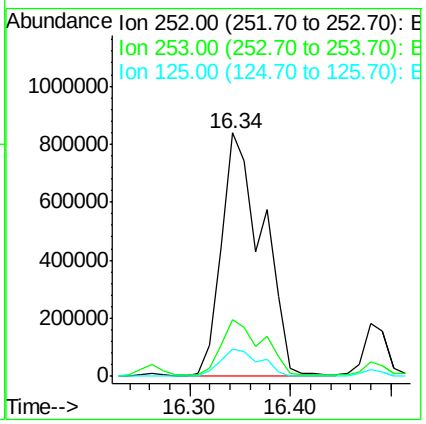


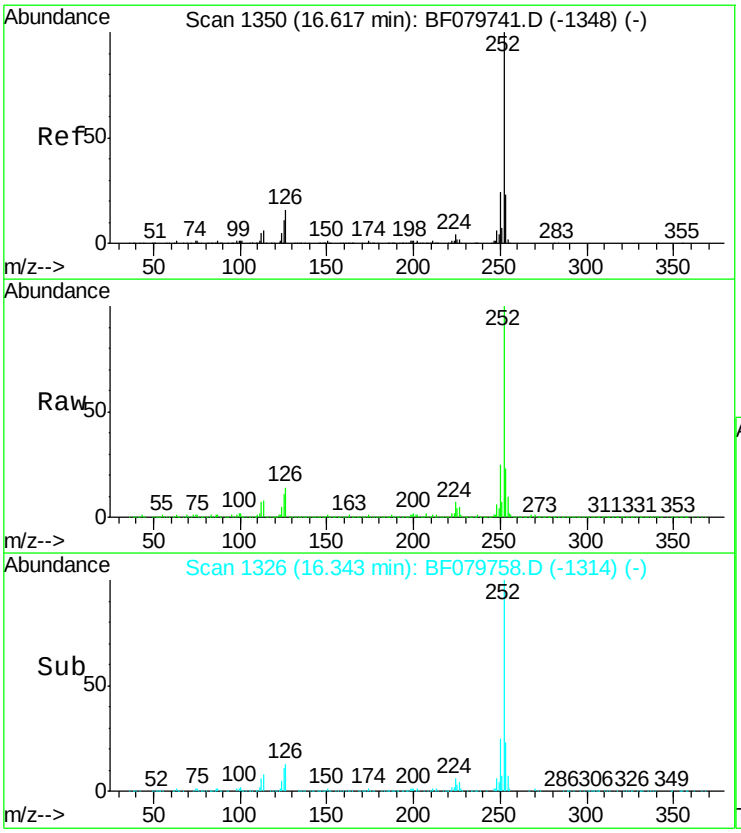
#87
Benzo(b)fluoranthene
Concen: 139.63 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.03 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:252 Resp: 2368088

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	11.3	6.5	9.7#

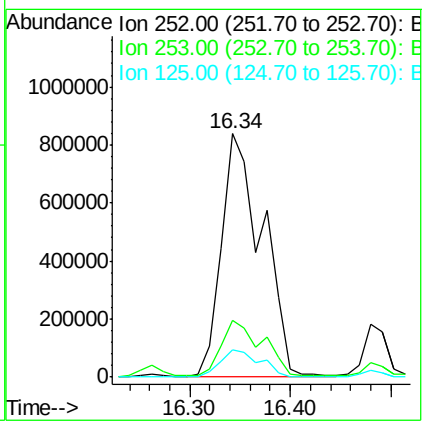


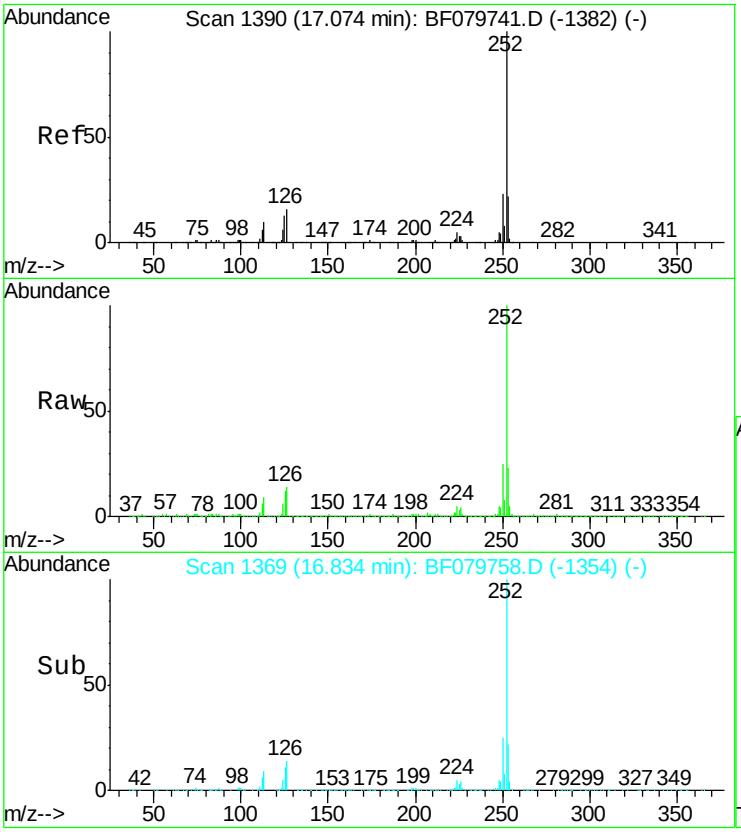


#88
Benzo(k)fluoranthene
Concen: 145.58 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.07 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:252 Resp: 2368088

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.3	8.4	12.6



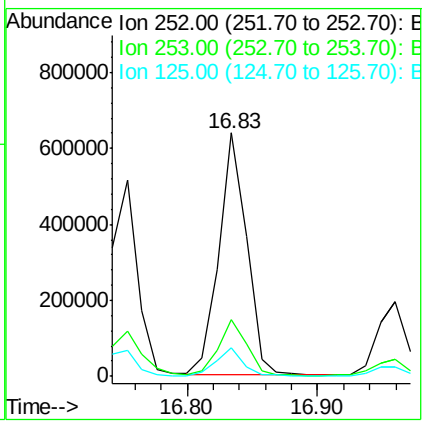


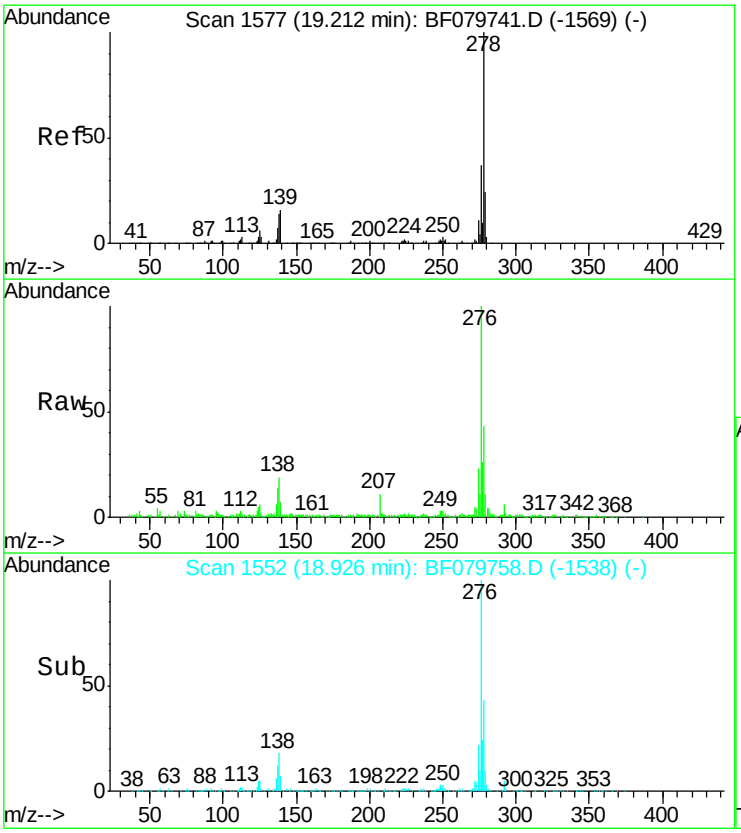
#89
Benzo(a)pyrene
Concen: 60.16 ng
RT: 16.83 min Scan# 1369
Delta R.T. -0.03 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:252 Resp: 941902

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	11.5	7.4	11.0#

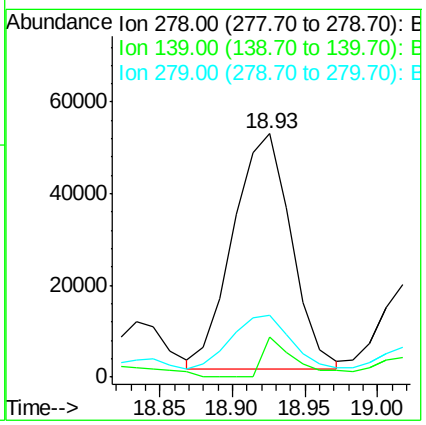


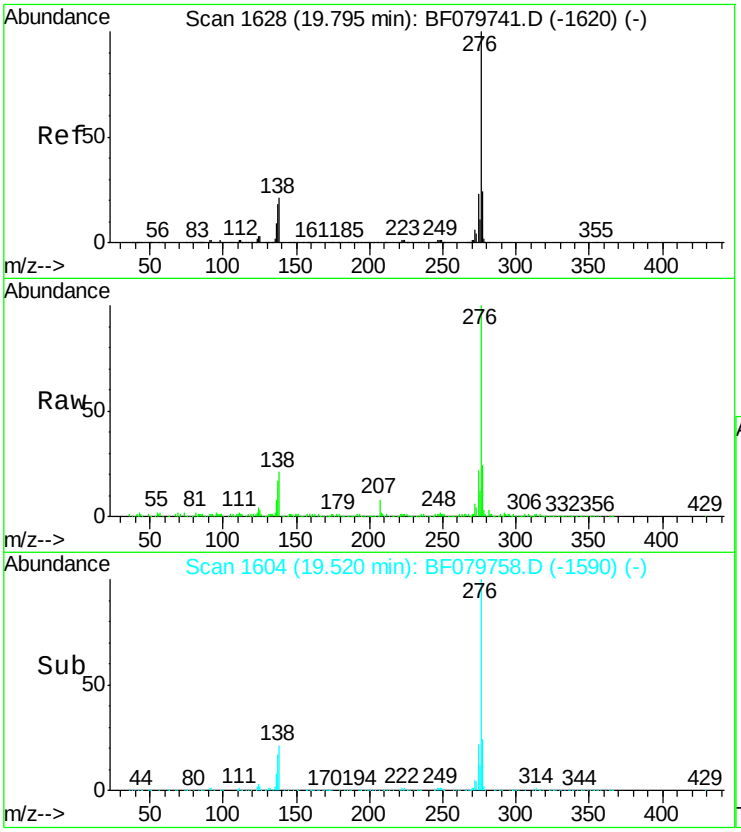


#90
Dibenzo(a,h)anthracene
Concen: 9.41 ng
RT: 18.93 min Scan# 1552
Delta R.T. -0.05 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Tgt Ion:278 Resp: 142171

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.7	19.1
279	25.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 28.71 ng
RT: 19.52 min Scan# 1604
Delta R.T. -0.05 min
Lab File: BF079758.D
Acq: 6 Jun 2015 6:27

Instrument :
BNA_F
ClientSampleId :
SEC-3.5-SP

Tgt Ion:276 Resp: 448571

Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	21.2	18.2	27.2