Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086042.D
Acq On : 4 Apr 2016 17:07
Operator : UM/SJ
Sample : H2180-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-1-20160401

Quant Time: Apr 05 00:57:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	123009	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	462721	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	200118	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	346870	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	232946	20.00	ng	-0.01
86) Perylene-d12	15.32	264	212310	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	792176	110.08	ng	-0.01
7) Phenol-d6	6.41	99	910332	99.59	ng	-0.01
23) Nitrobenzene-d5	7.33	82	636001	81.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	228412	121.61	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	905028	75.19	ng	-0.01
78) Terphenyl-d14	12.86	244	609109	61.47	ng	-0.01
Target Compounds						Qvalue
6) Aniline	6.53	93	1038	0.09	ng	# 1
8) 2-Chlorophenol	6.54	128	224	0.03	ng	# 1
9) Benzaldehyde	6.37	77	1939	0.39	ng	93
10) Phenol	6.42	94	5123	0.49	ng	# 1
11) bis(2-Chloroethyl)ether	6.53	93	1038	0.13	ng	# 1
12) 1,3-Dichlorobenzene	6.78	146	1418	0.16	ng	# 69
13) 1,4-Dichlorobenzene	6.78	146	1418	0.15	ng	# 87
14) 1,2-Dichlorobenzene	6.78	146	1418	0.16	ng	89
15) Benzyl Alcohol	6.91	79	9619	1.63	ng	# 49
16) 2,2'-oxybis(1-Chloropropan	7.17	45	653	0.06	ng	65
17) 2-Methylphenol	7.26	107	714	0.11	ng	# 58
19) n-Nitroso-di-n-propylamine	7.33	70	86442	15.26	ng	# 76
20) 3+4-Methylphenols	7.26	107	714	0.09	ng	# 38
22) Acetophenone	7.21	105	791	0.07	ng	# 53
24) Nitrobenzene	7.33	77	1789	0.21	ng	# 40
25) Isophorone	7.33	82	635987	41.06	ng	# 68
27) 2,4-Dimethylphenol	7.76	122	213	0.03	ng	# 70
28) bis(2-Chloroethoxy)methane	7.63	93	723	0.08	ng	# 86
31) Naphthalene	8.08	128	17336	0.74	ng	99
32) Benzoic acid	7.82	122	3586	0.66	ng	# 84
33) 4-Chloroaniline	8.08	127	2191	0.23	ng	# 30
36) 4-Chloro-3-methylphenol	8.57	107	251	0.04	ng	# 21
37) 2-Methylnaphthalene	8.76	142	14325	0.94	ng	96
45) 1,1'-Biphenyl	9.23	154	3310	0.19	ng	94
46) 2-Chloronaphthalene	9.39	162	220	0.02	ng	# 1
47) 2-Nitroaniline	9.52	65	2521	0.69	ng	# 1
48) Acenaphthylene	9.66	152	52245	2.61	ng	98
49) Dimethylphthalate	9.52	163	131216	8.85	ng	99
50) 2,6-Dinitrotoluene	9.52	165	3233	1.03	ng	# 1
51) Acenaphthene	9.84	154	7719	0.65	ng	97
52) 3-Nitroaniline	9.77	138	211	0.06	ng	# 1
54) Dibenzofuran	10.01	168	9105	0.58	ng	# 88
55) 4-Nitrophenol	9.90	139	1592	0.71	ng	# 1
56) 2,4-Dinitrotoluene	9.80	165	27182	6.85	ng	# 38

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086042.D
Acq On : 4 Apr 2016 17:07
Operator : UM/SJ
Sample : H2180-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TK2-1-20160401

Quant Time: Apr 05 00:57:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Fluorene	10.35	166	11962	0.89	ng	#	93
59) Diethylphthalate	10.22	149	1891	0.13	ng	#	62
60) 4-Chlorophenyl-phenylether	10.48	204	209	0.03	ng	#	1
61) 4-Nitroaniline	10.35	138	103	0.03	ng	#	50
62) Azobenzene	10.51	77	943	0.07	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.59	198	592	0.28	ng	#	1
65) n-Nitrosodiphenylamine	10.45	169	3684	0.34	ng	#	65
66) 4-Bromophenyl-phenylether	10.59	248	14657	4.14	ng	#	1
69) Pentachlorophenol	11.10	266	328	0.19	ng		91
70) Phenanthrene	11.31	178	183678	9.71	ng		99
71) Anthracene	11.36	178	55470	2.80	ng		97
72) Carbazole	11.53	167	27929	1.64	ng	#	90
73) Di-n-butylphthalate	11.85	149	21129	1.00	ng	#	93
74) Fluoranthene	12.49	202	325021	16.51	ng		99
76) Benzidine	12.56	184	865	0.11	ng	#	1
77) Pyrene	12.72	202	282081	17.18	ng		98
79) Butylbenzylphthalate	13.34	149	6304	0.85	ng	#	66
80) Benzo(a)anthracene	13.91	228	162731	11.85	ng		97
81) 3,3'-Dichlorobenzidine	13.87	252	2463	0.25	ng	#	49
82) Chrysene	13.94	228	125316	9.47	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	19783	2.02	ng	#	95
84) Di-n-octyl phthalate	14.51	149	1749	0.11	ng	#	78
85) Indeno(1,2,3-cd)pyrene	16.68	276	94281	8.79	ng		95
87) Benzo(b)fluoranthene	14.93	252	280403	21.00	ng		97
88) Benzo(k)fluoranthene	14.93	252	280403	23.71	ng	#	94
89) Benzo(a)pyrene	15.27	252	139288	11.77	ng		97
90) Dibenzo(a,h)anthracene	16.68	278	23027	2.42	ng	#	82
91) Benzo(g,h,i)perylene	17.08	276	89792	9.75	ng		99

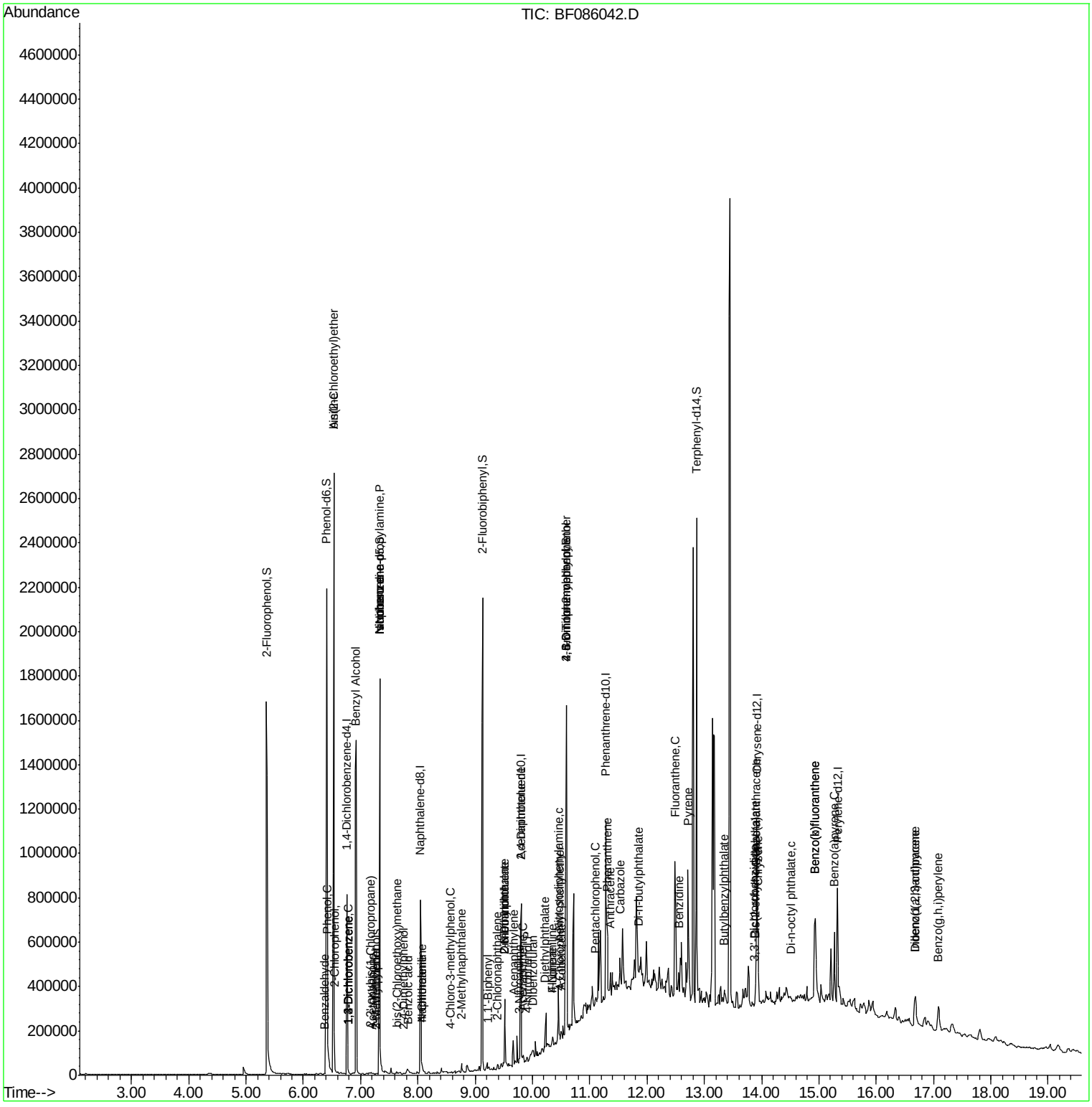
(#) = qualifier out of range (m) = manual integration (+) = signals summed

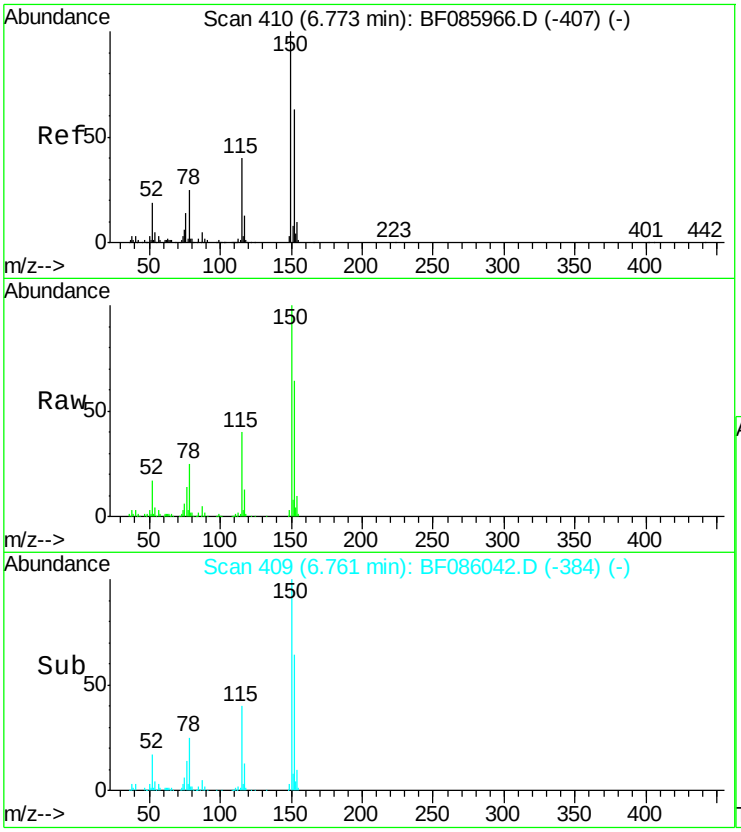
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
Data File : BF086042.D
Acq On : 4 Apr 2016 17:07
Operator : UM/SJ
Sample : H2180-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Quant Time: Apr 05 00:57:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration



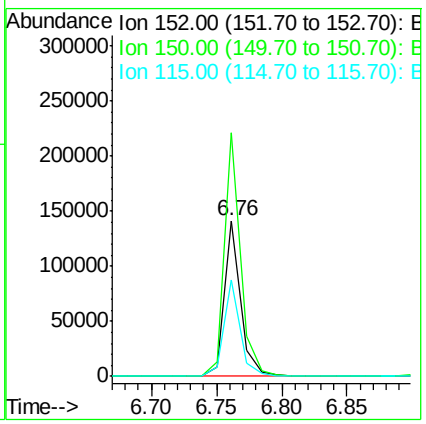


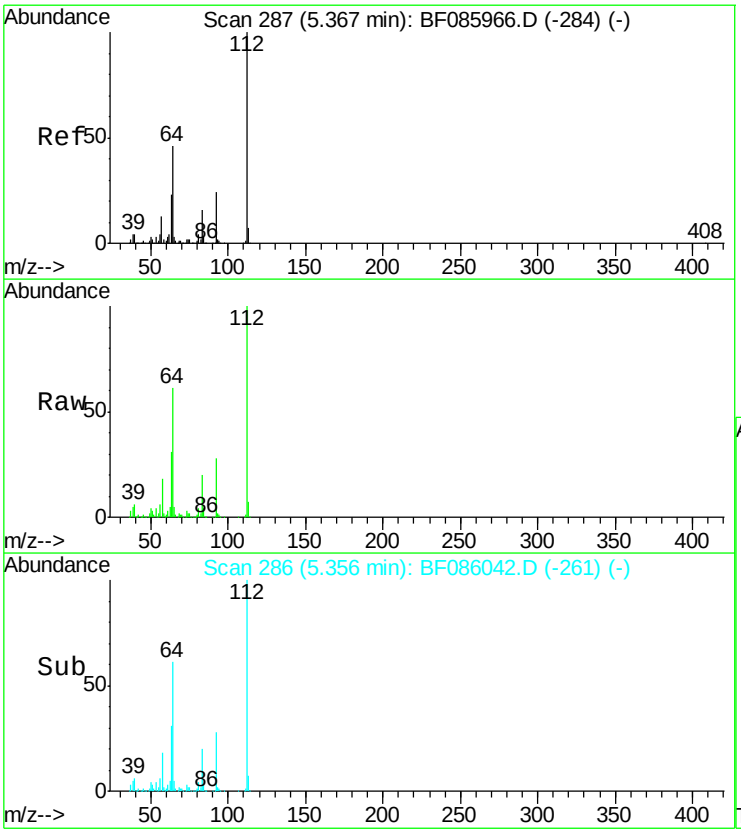
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:152 Resp: 123009

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	62.0	47.0	70.6

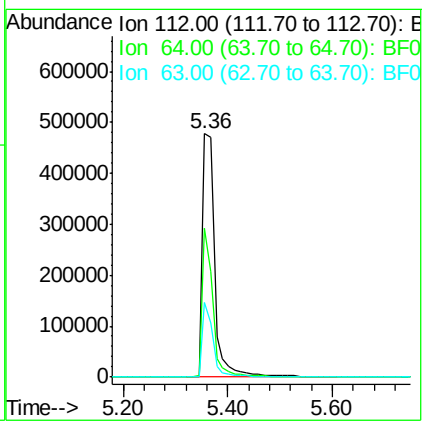


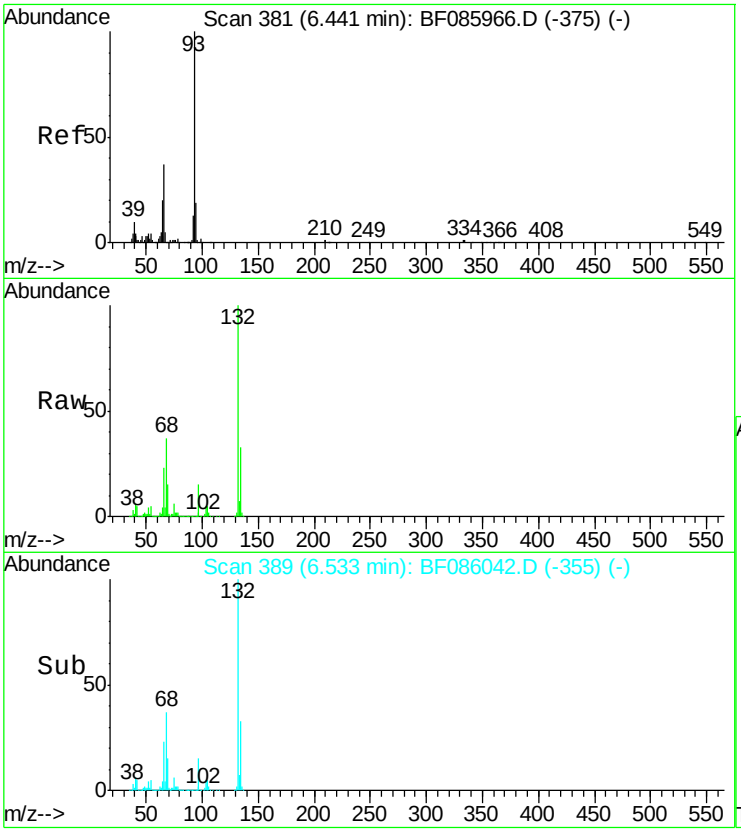


#5
2-Fluorophenol
Concen: 110.08 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:112 Resp: 792176

Ion	Ratio	Lower	Upper
112	100		
64	61.1	39.9	59.9#
63	30.7	20.2	30.2#



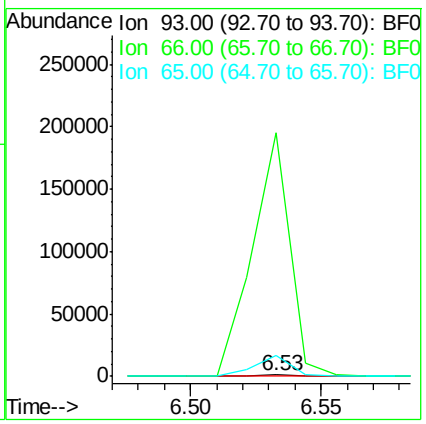


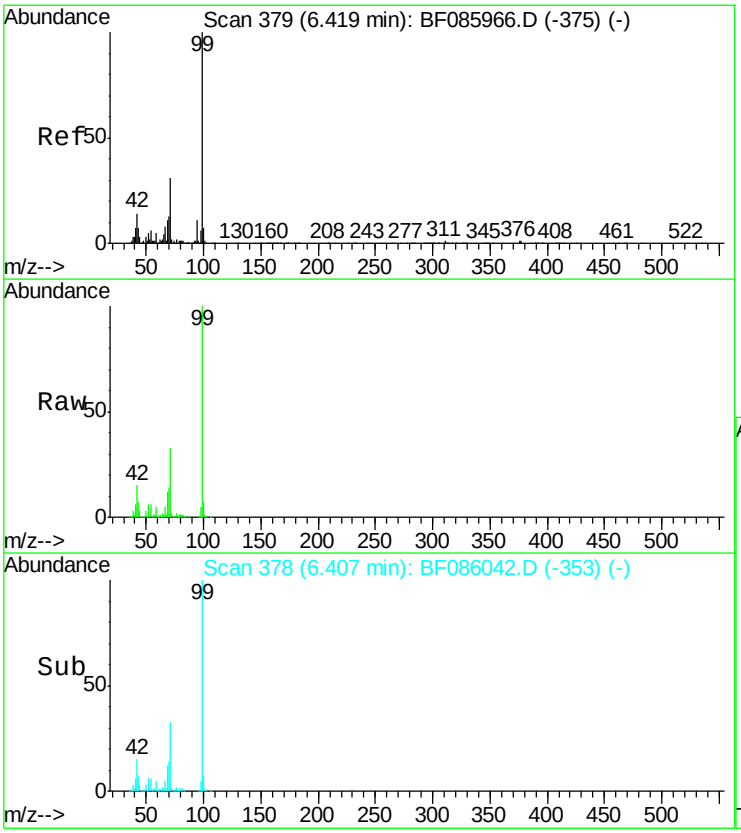
#6
Aniline
Concen: 0.09 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.09 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 93 Resp: 1038

Ion	Ratio	Lower	Upper
93	100		
66	16621.5	31.4	47.2#
65	1401.7	15.7	23.5#

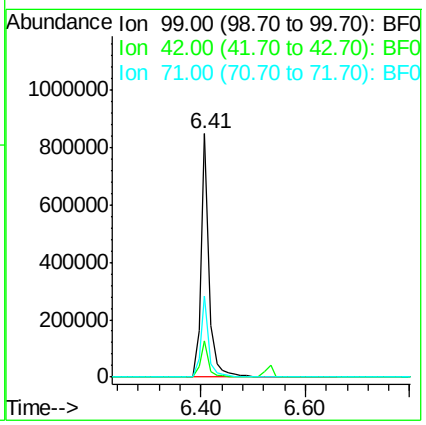


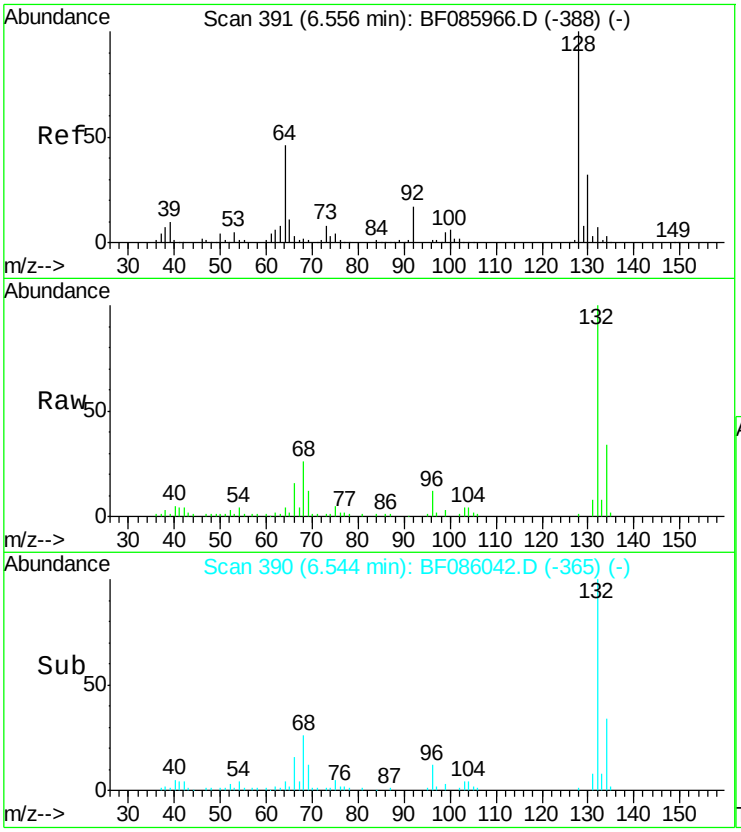


#7
Phenol-d6
Concen: 99.59 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion: 99 Resp: 910332

Ion	Ratio	Lower	Upper
99	100		
42	15.1	11.1	16.7
71	33.0	24.9	37.3



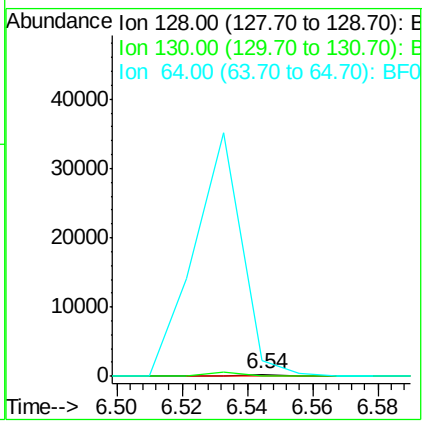


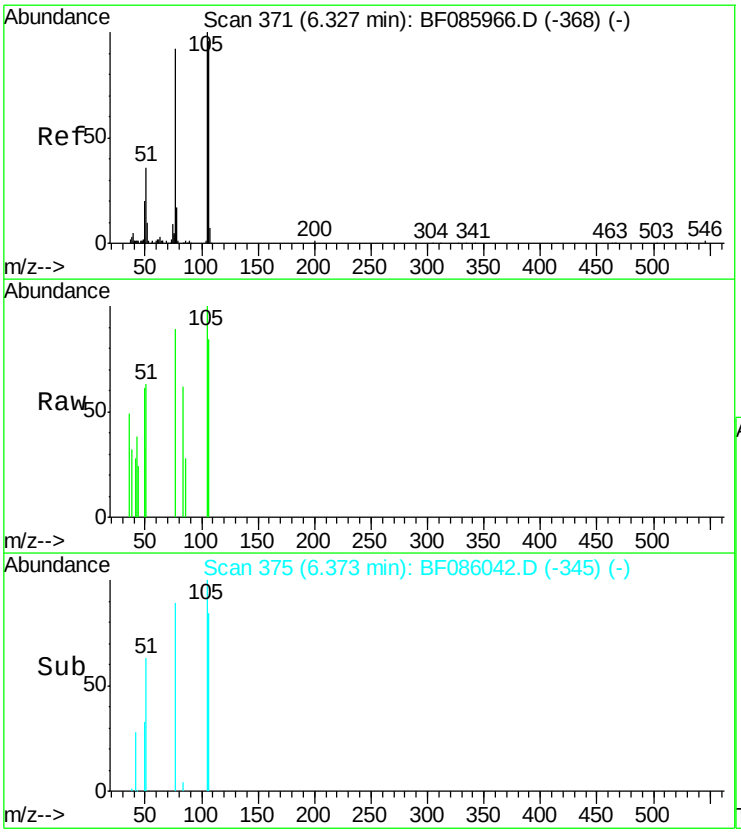
#8
2-Chlorophenol
Concen: 0.03 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:128 Resp: 224

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	701.8	20.2	60.2#

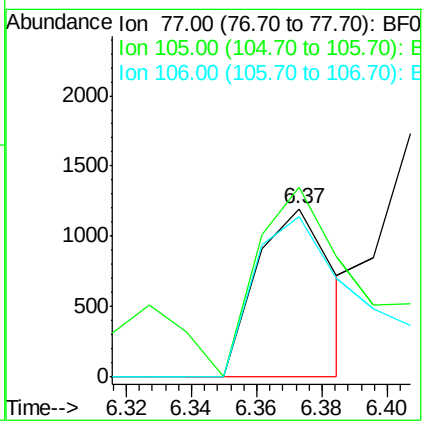


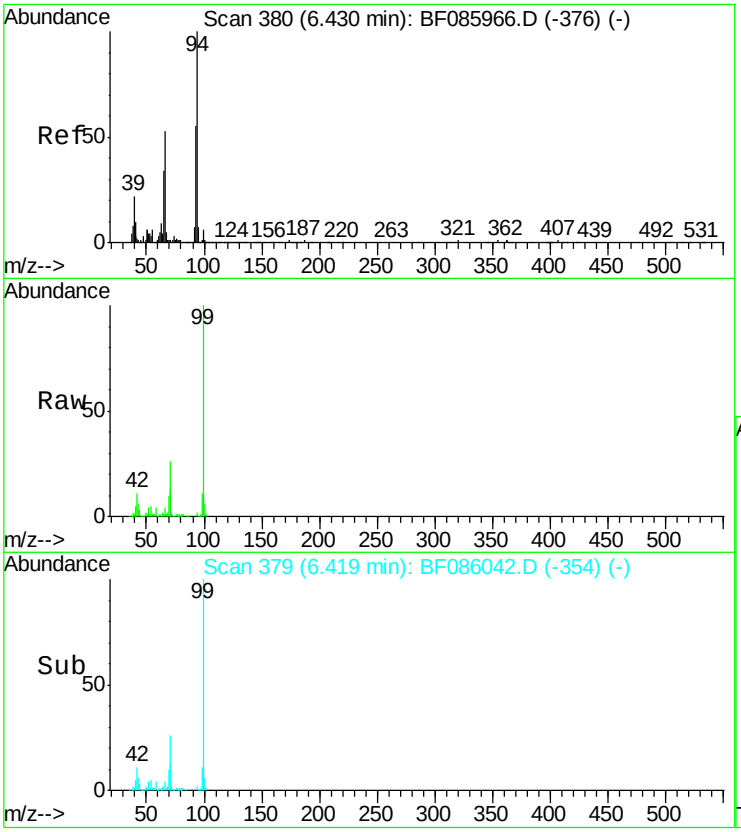


#9
Benzaldehyde
Concen: 0.39 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.05 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion: 77 Resp: 1939

Ion	Ratio	Lower	Upper
77	100		
105	112.9	80.1	120.1
106	95.1	75.0	115.0



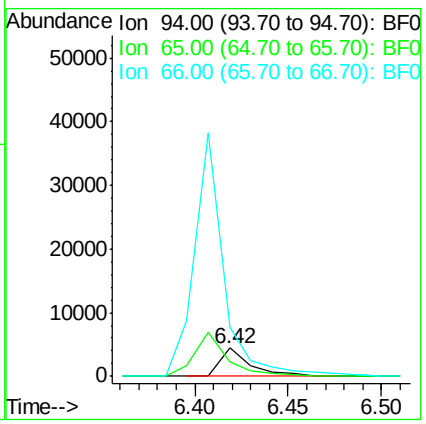


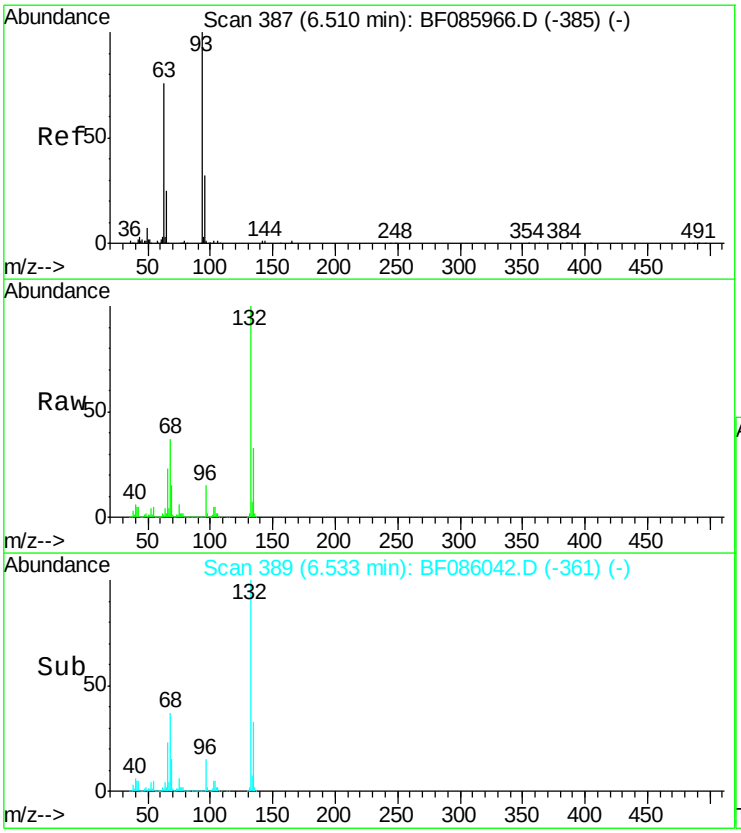
#10
Phenol
Concen: 0.49 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 94 Resp: 5123

Ion	Ratio	Lower	Upper
94	100		
65	53.7	8.6	48.6#
66	176.4	20.0	60.0#

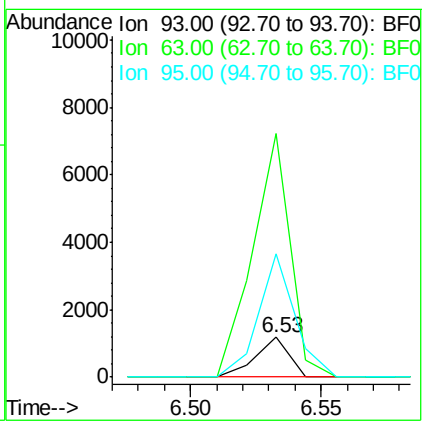


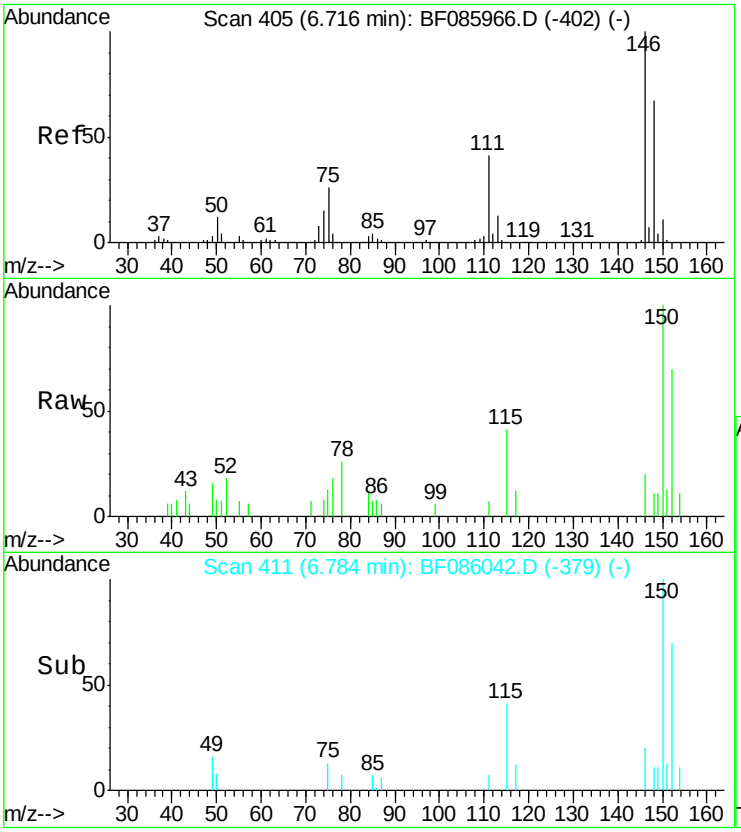


#11
bis(2-Chloroethyl)ether
Concen: 0.13 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion: 93 Resp: 1038

Ion	Ratio	Lower	Upper
93	100		
63	615.2	50.9	90.9#
95	310.7	13.3	53.3#



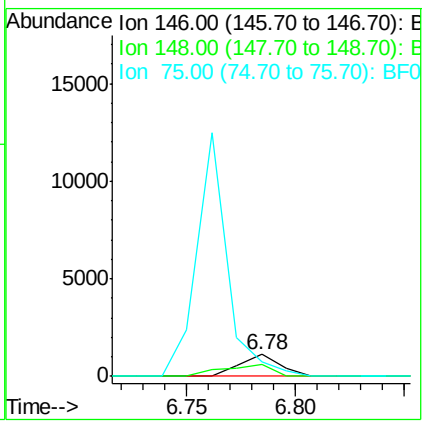


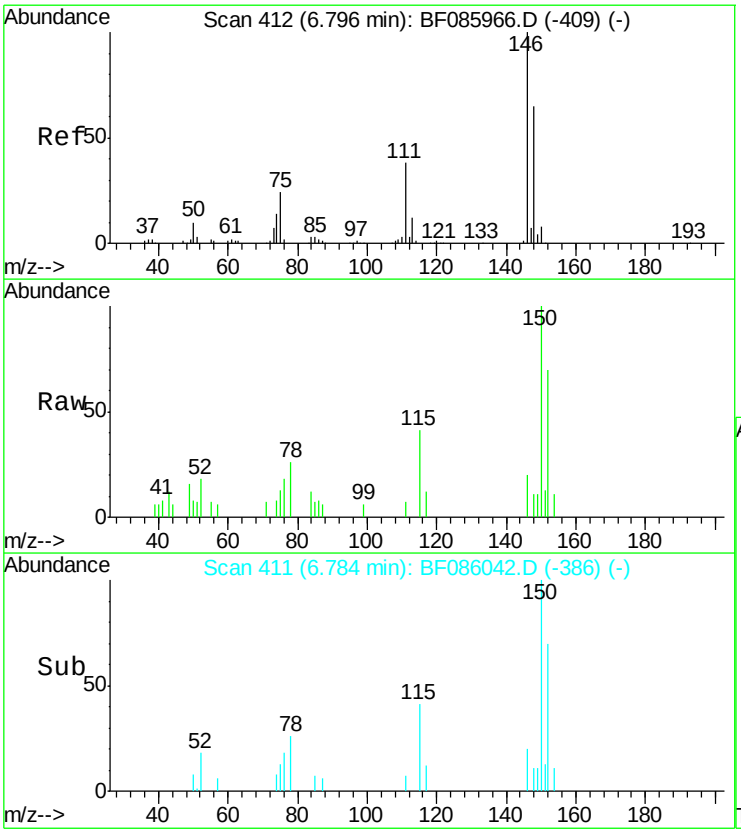
#12
1,3-Dichlorobenzene
Concen: 0.16 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.07 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:146 Resp: 1418

Ion	Ratio	Lower	Upper
146	100		
148	56.1	52.3	78.5
75	63.7	17.4	26.2#

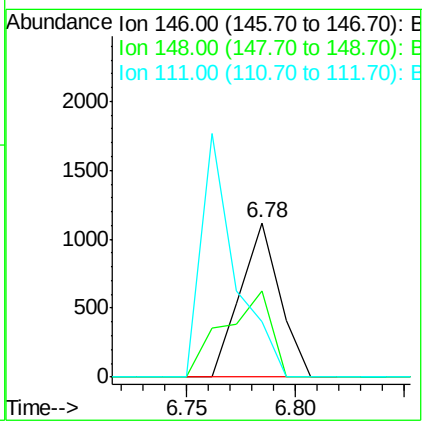


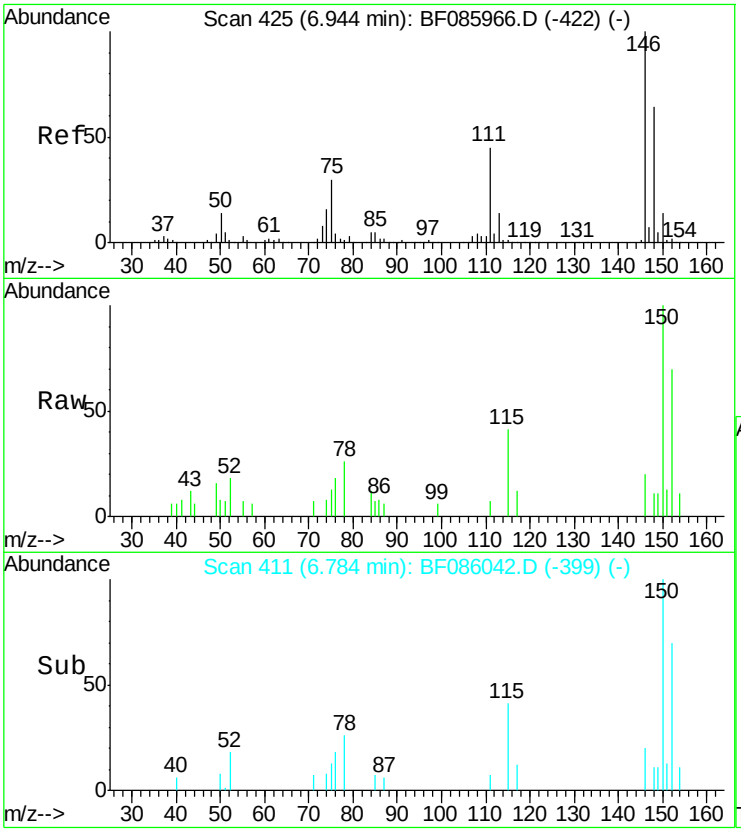


#13
1,4-Dichlorobenzene
Concen: 0.15 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:146 Resp: 1418

Ion	Ratio	Lower	Upper
146	100		
148	56.1	50.6	76.0
111	35.7	37.8	56.6#



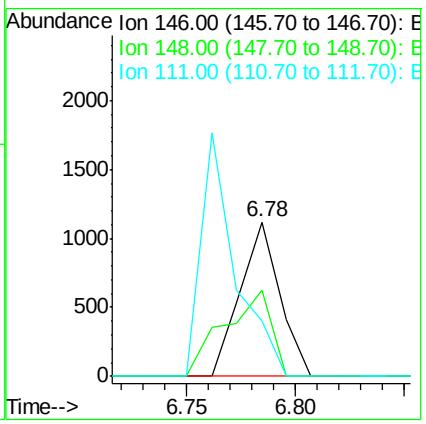


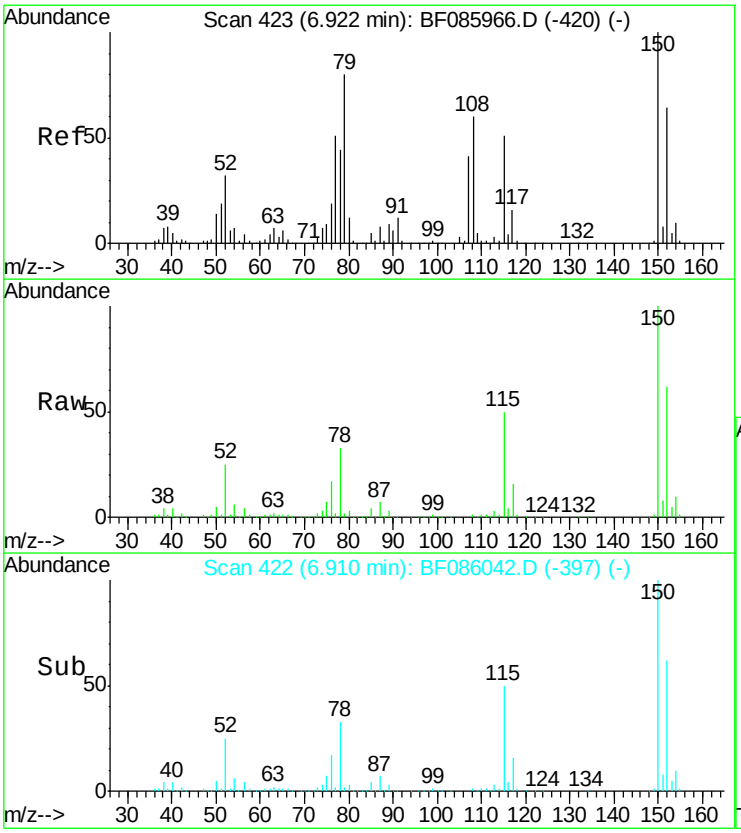
#14
1,2-Dichlorobenzene
Concen: 0.16 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.16 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:146 Resp: 1418

Ion	Ratio	Lower	Upper
146	100		
148	56.1	51.4	77.2
111	35.7	34.6	52.0

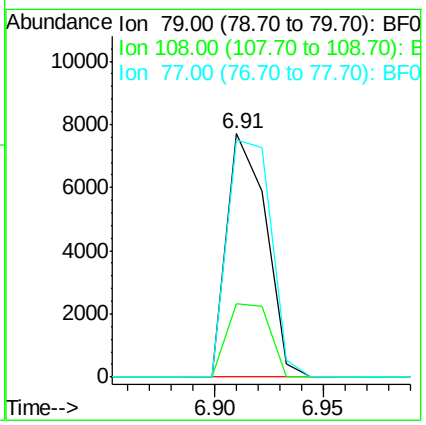


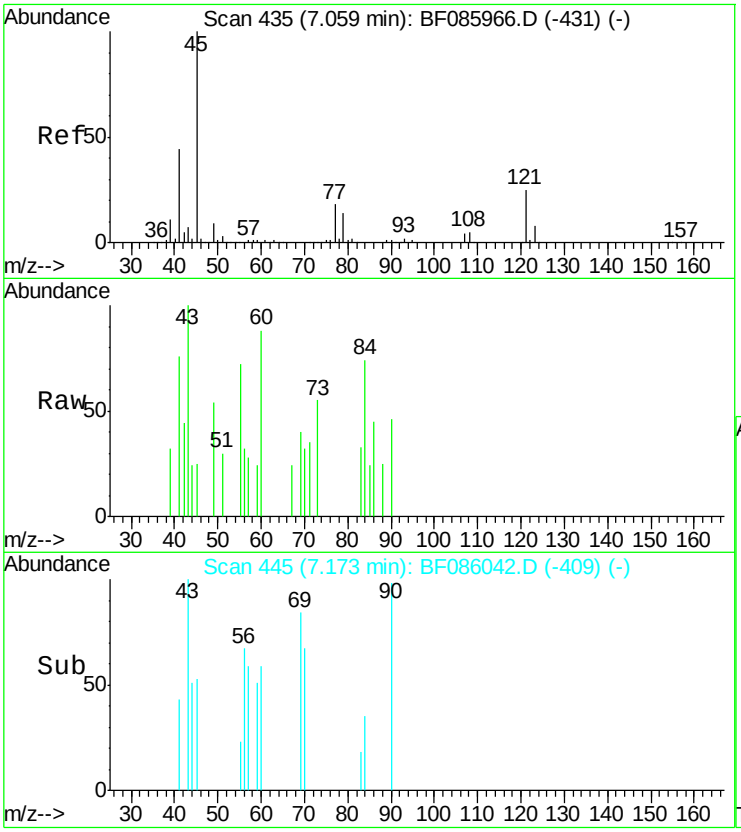


#15
Benzyl Alcohol
Concen: 1.63 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion: 79 Resp: 9619

Ion	Ratio	Lower	Upper
79	100		
108	30.0	61.8	92.6#
77	97.6	49.6	74.4#



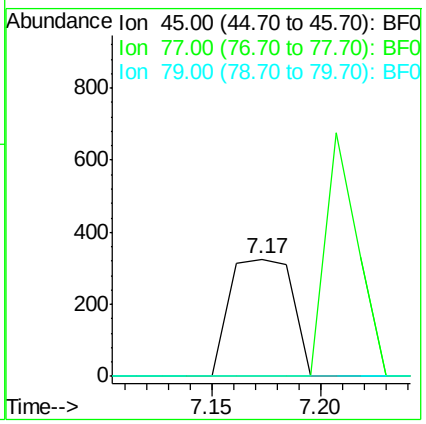


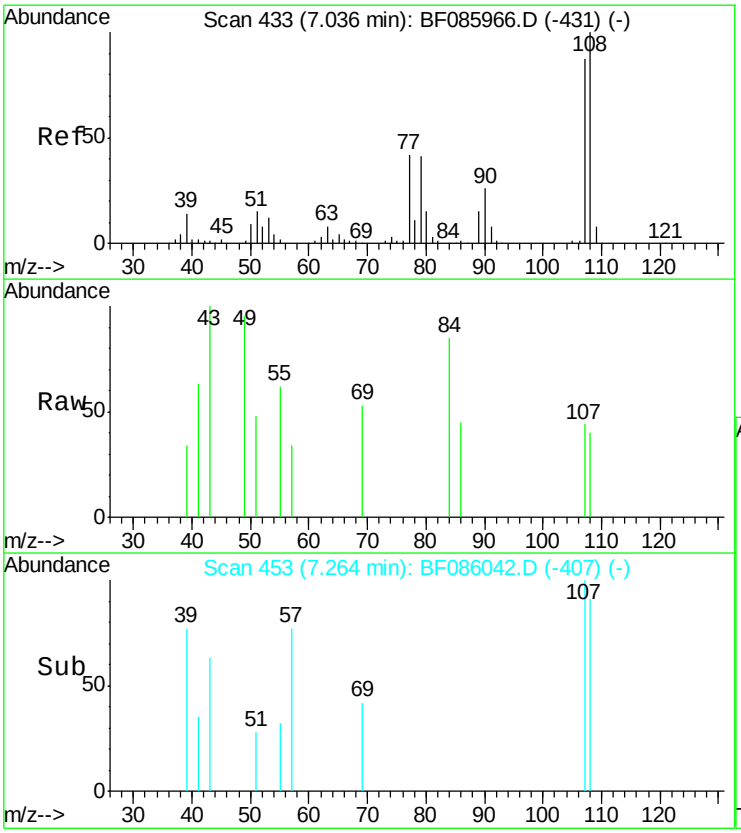
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.06 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.11 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 45 Resp: 653

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.7
79	0.0	0.0	32.2

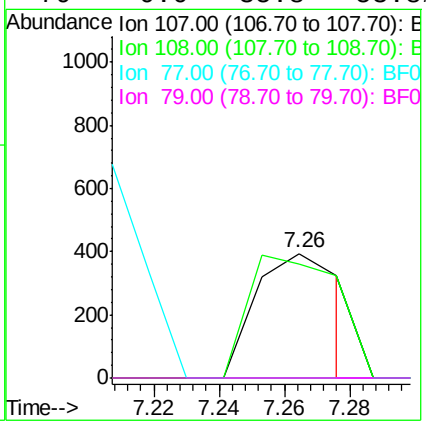


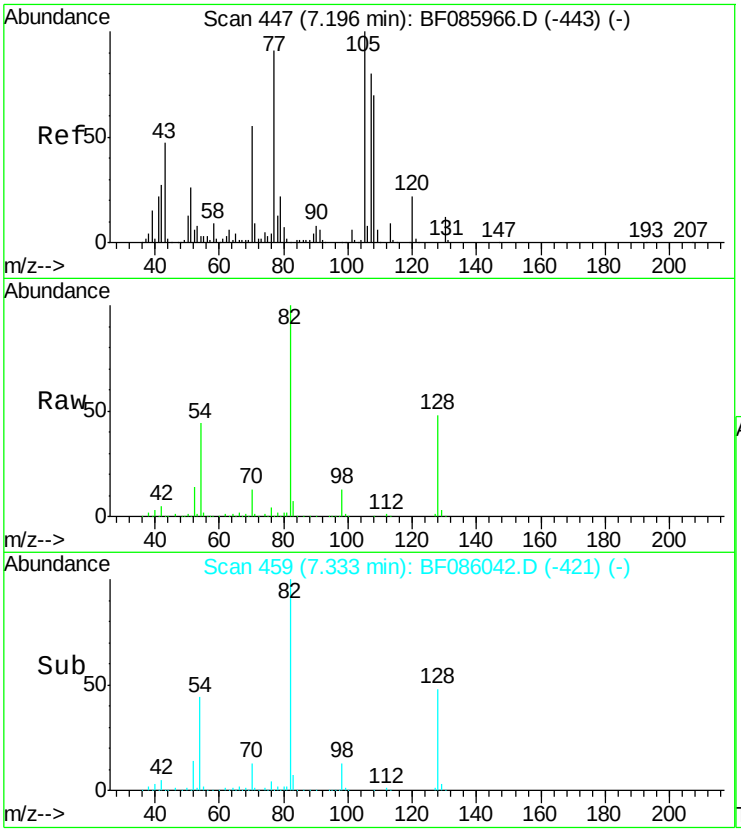


#17
2-Methylphenol
Concen: 0.11 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.23 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:107 Resp: 714

Ion	Ratio	Lower	Upper
107	100		
108	91.1	91.4	137.0#
77	0.0	36.2	54.2#
79	0.0	35.8	53.8#



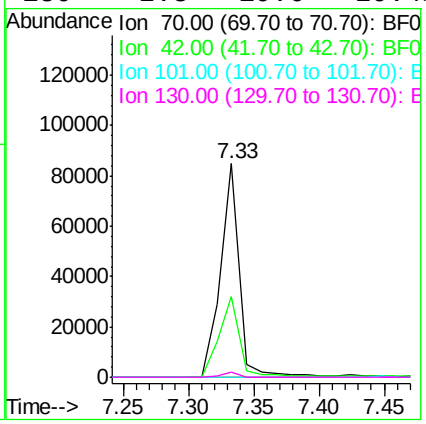


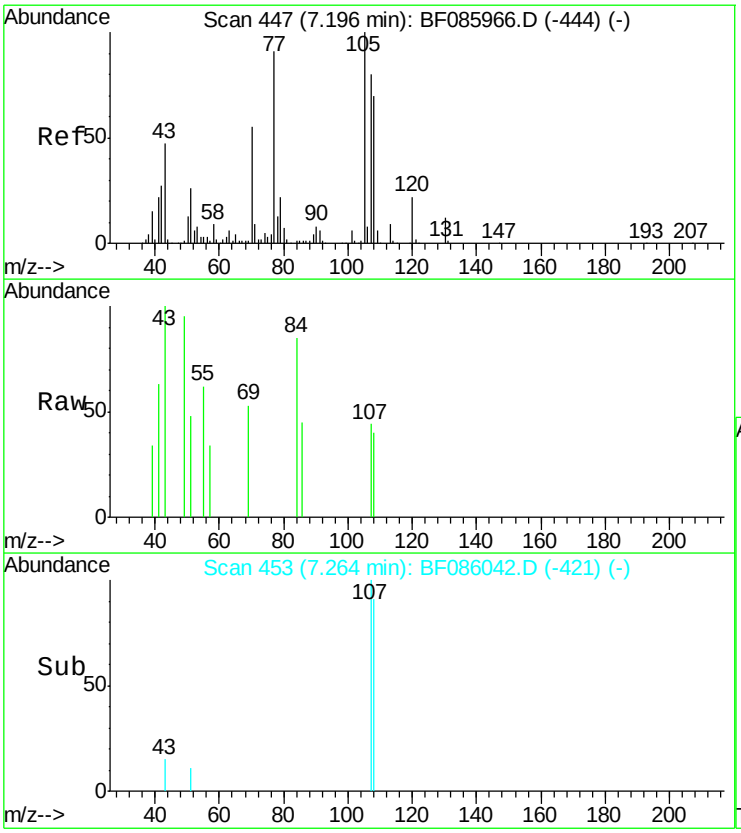
#19
n-Nitroso-di-n-propylamine
Concen: 15.26 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 70 Resp: 86442

Ion	Ratio	Lower	Upper
70	100		
42	37.9	37.1	55.7
101	0.0	8.6	12.8#
130	2.3	19.6	29.4#

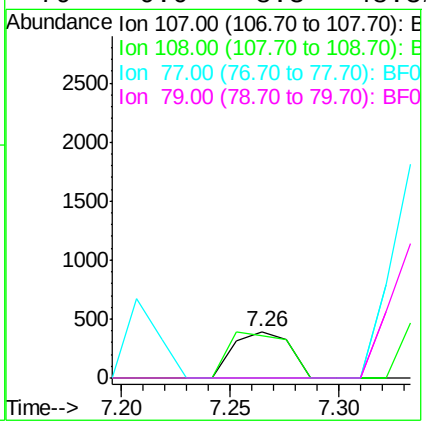


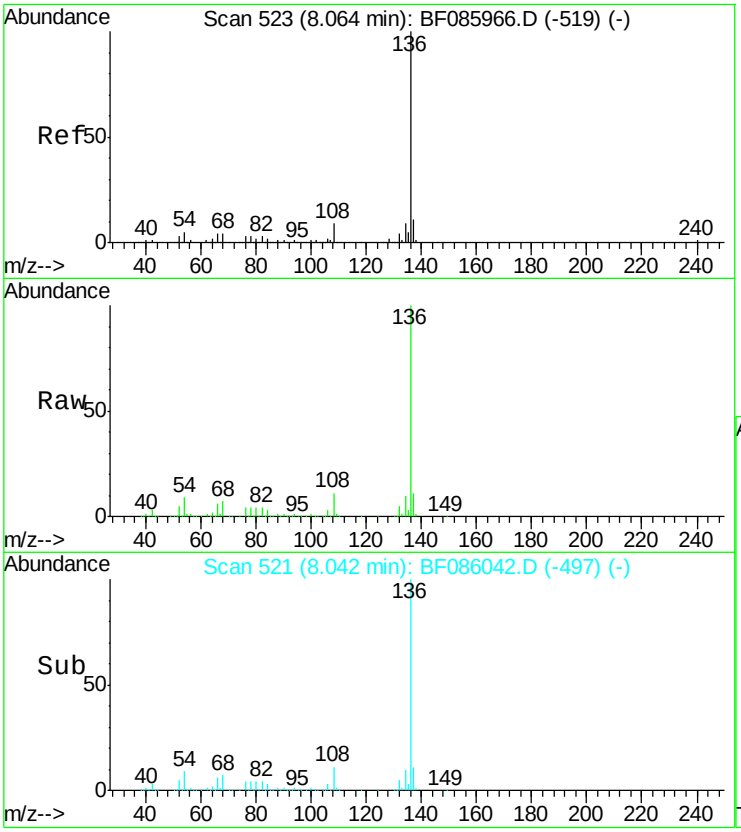


#20
3+4-Methylphenols
Concen: 0.09 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.07 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:107 Resp: 714

Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.3	109.3
77	0.0	101.7	141.7#
79	0.0	8.3	48.3#



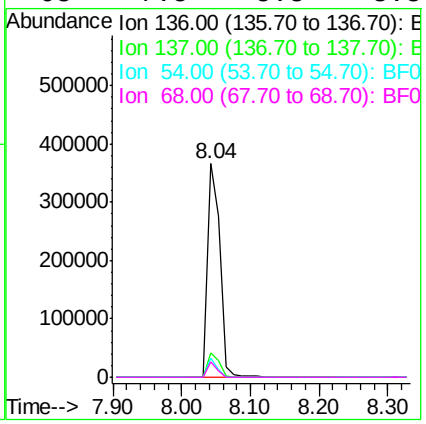


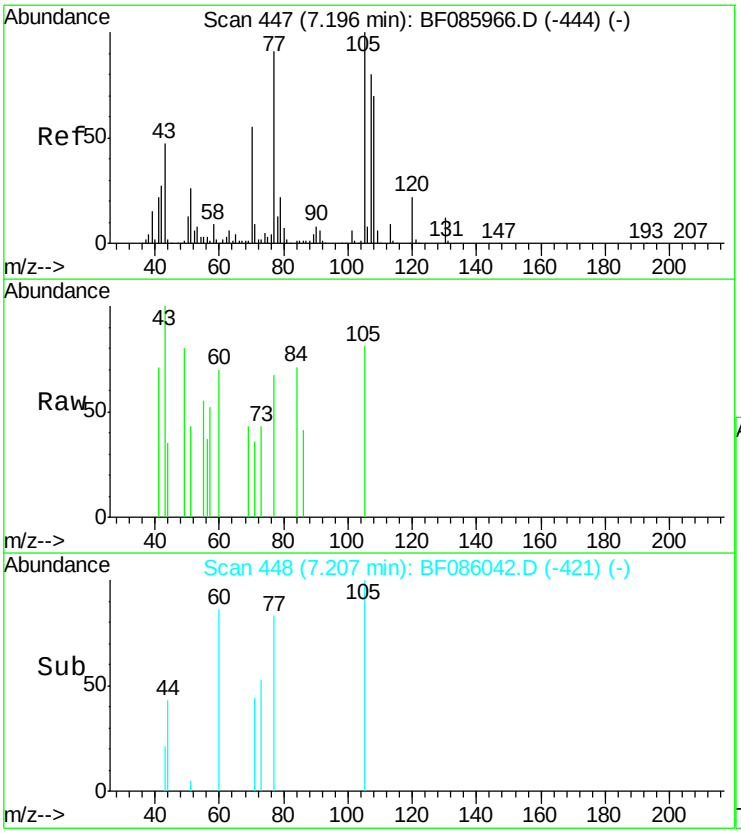
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:136 Resp: 462721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.2	7.4	11.0
68	7.5	5.8	8.8

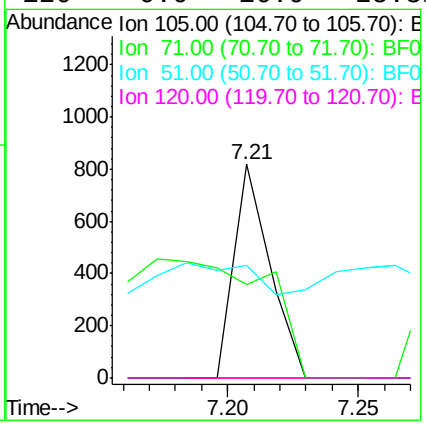


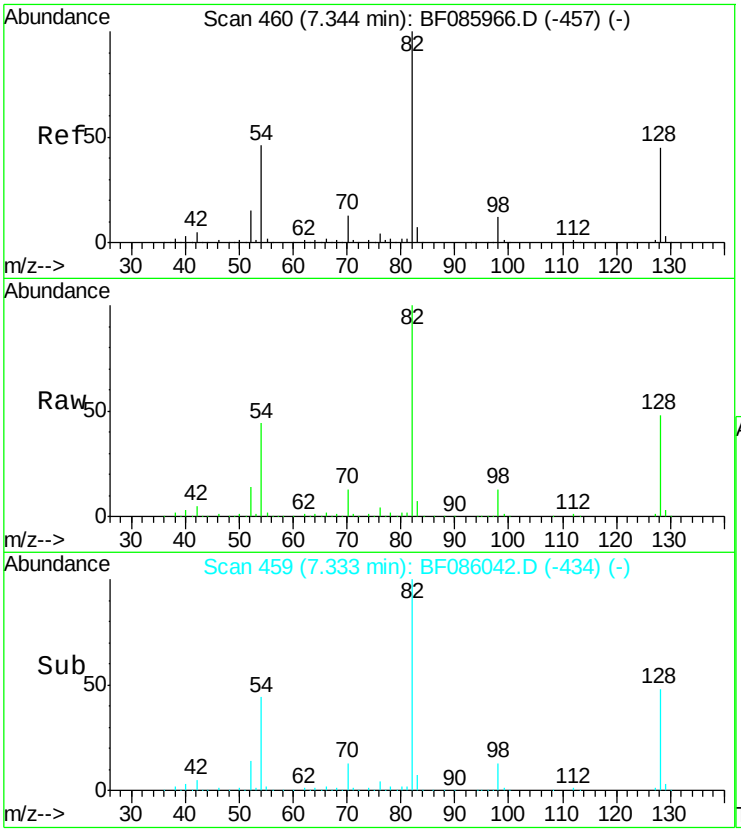


#22
Acetophenone
Concen: 0.07 ng
RT: 7.21 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:105 Resp: 791

Ion	Ratio	Lower	Upper
105	100		
71	43.8	3.6	5.4#
51	52.6	25.4	38.0#
120	0.0	16.9	25.3#



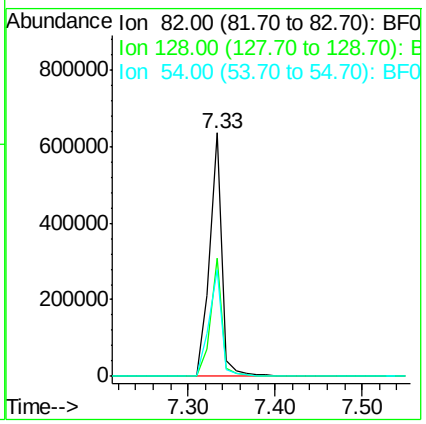


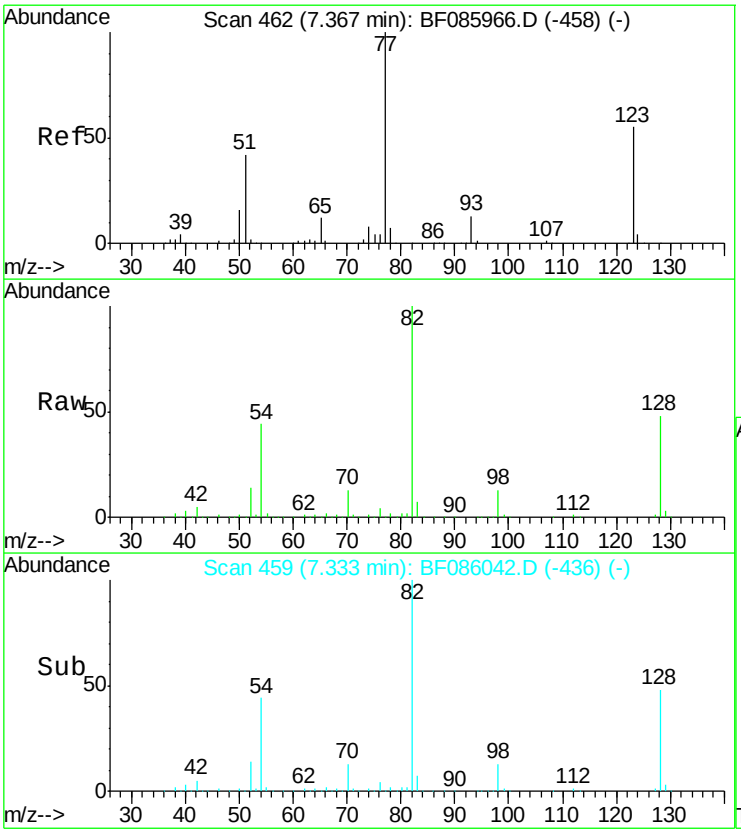
#23
Nitrobenzene-d5
Concen: 81.06 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 82 Resp: 636001

Ion	Ratio	Lower	Upper
82	100		
128	48.4	41.8	62.8
54	43.7	33.4	50.0

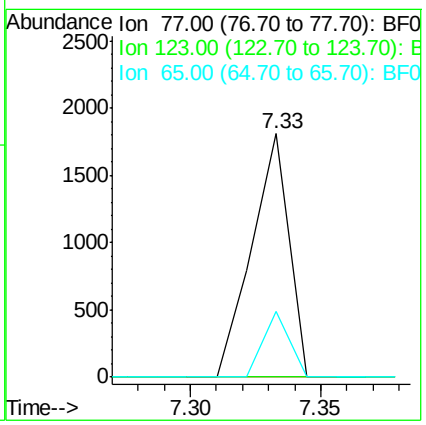


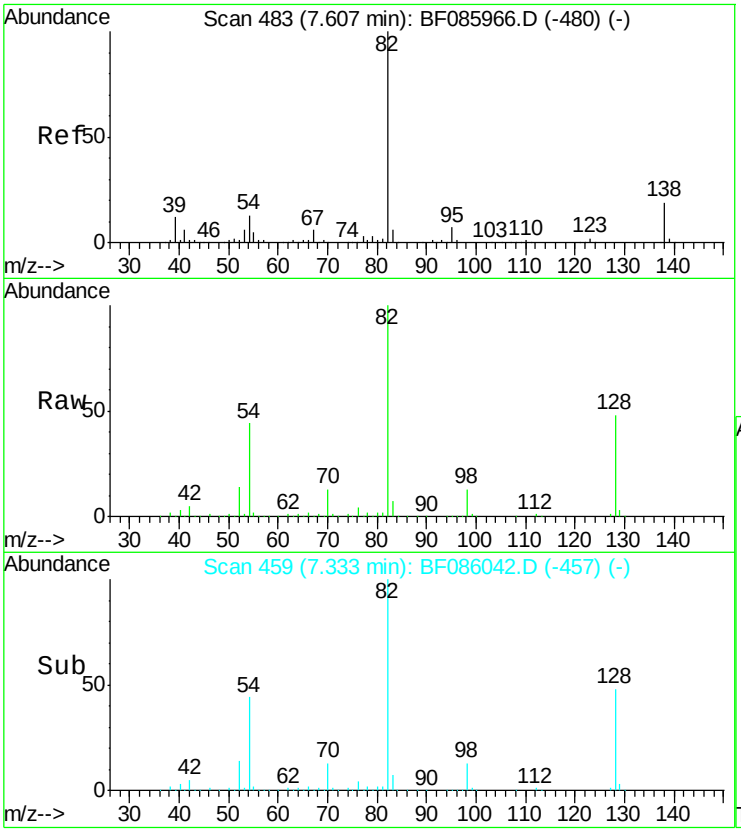


#24
Nitrobenzene
Concen: 0.21 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.03 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion: 77 Resp: 1789

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.0	52.4#
65	27.1	10.6	16.0#



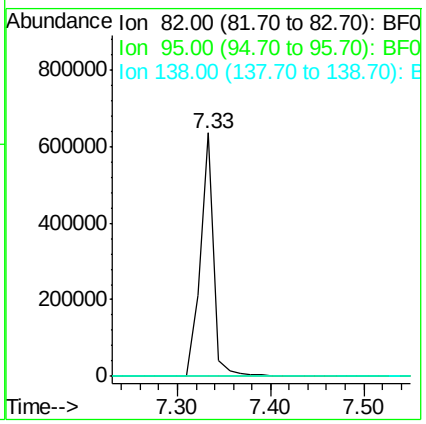


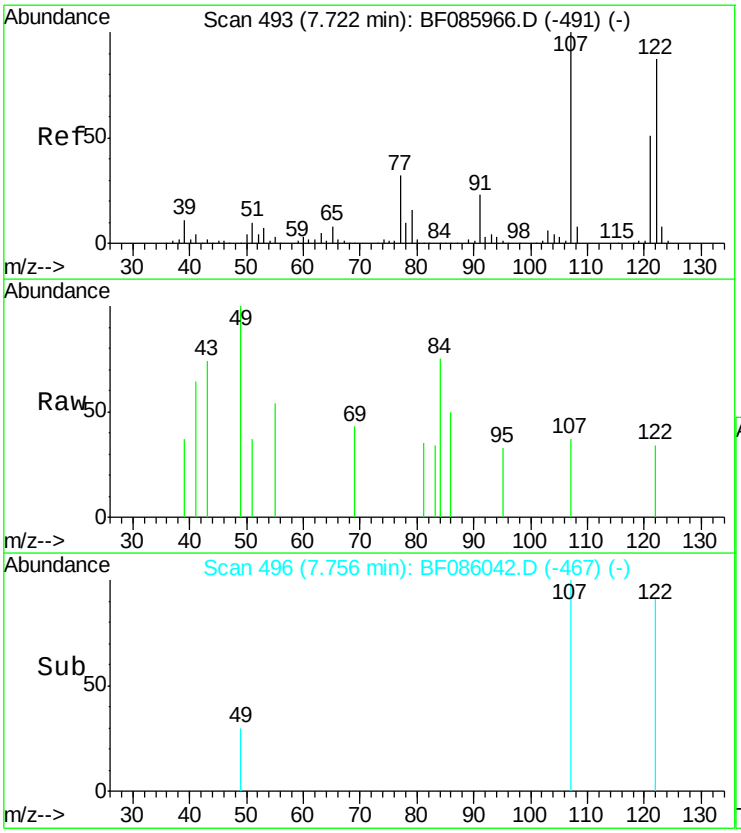
#25
Isophorone
Concen: 41.06 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 82 Resp: 635987

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.2#
138	0.0	12.9	19.3#

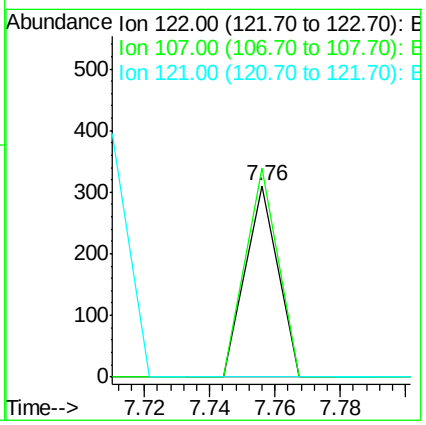


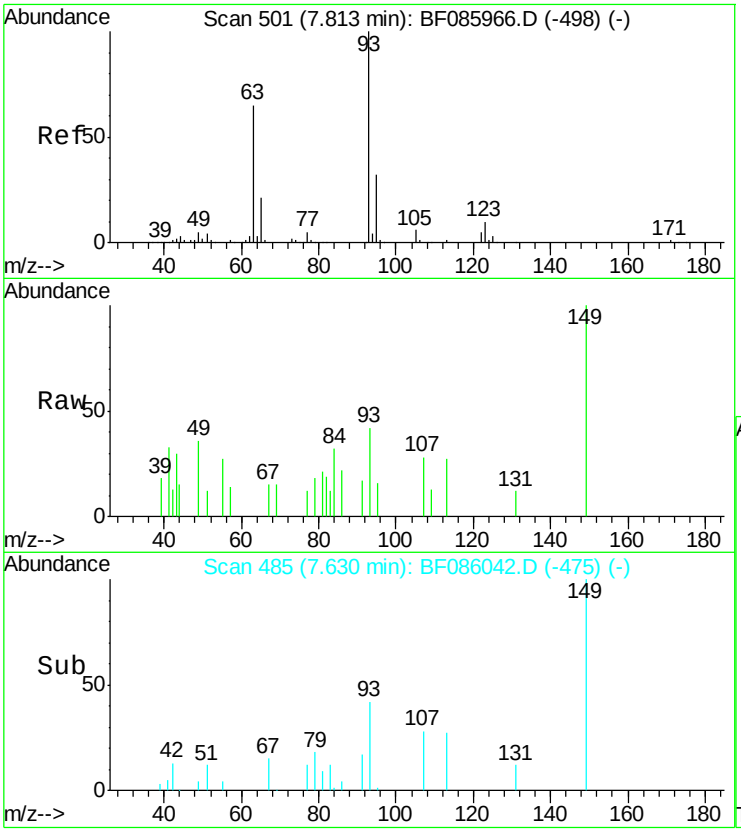


#27
2,4-Dimethylphenol
Concen: 0.03 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.03 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:122 Resp: 213

Ion	Ratio	Lower	Upper
122	100		
107	109.3	93.0	139.6
121	0.0	45.9	68.9#



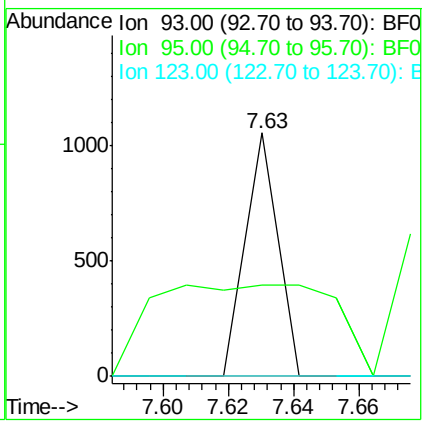


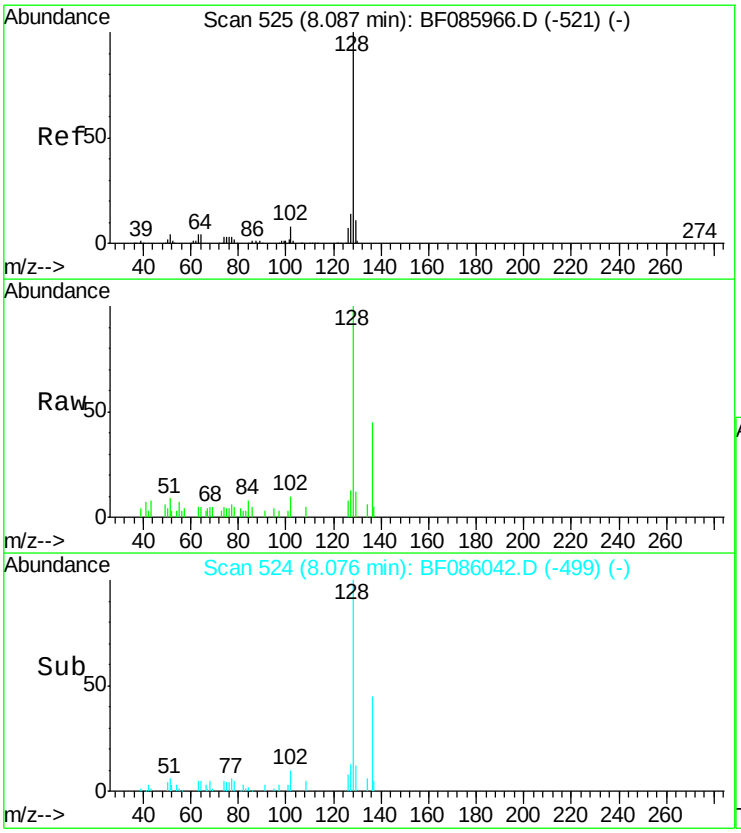
#28
bis(2-Chloroethoxy)methane
Concen: 0.08 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.18 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 93 Resp: 723

Ion	Ratio	Lower	Upper
93	100		
95	37.6	26.4	39.6
123	0.0	9.8	14.6#

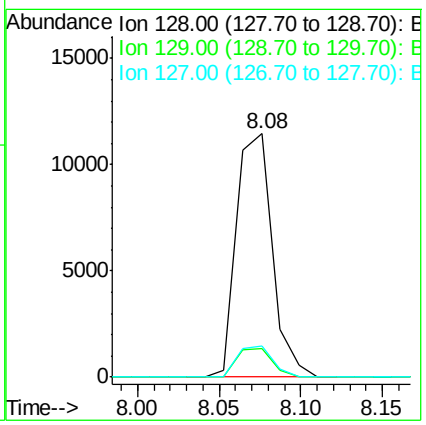


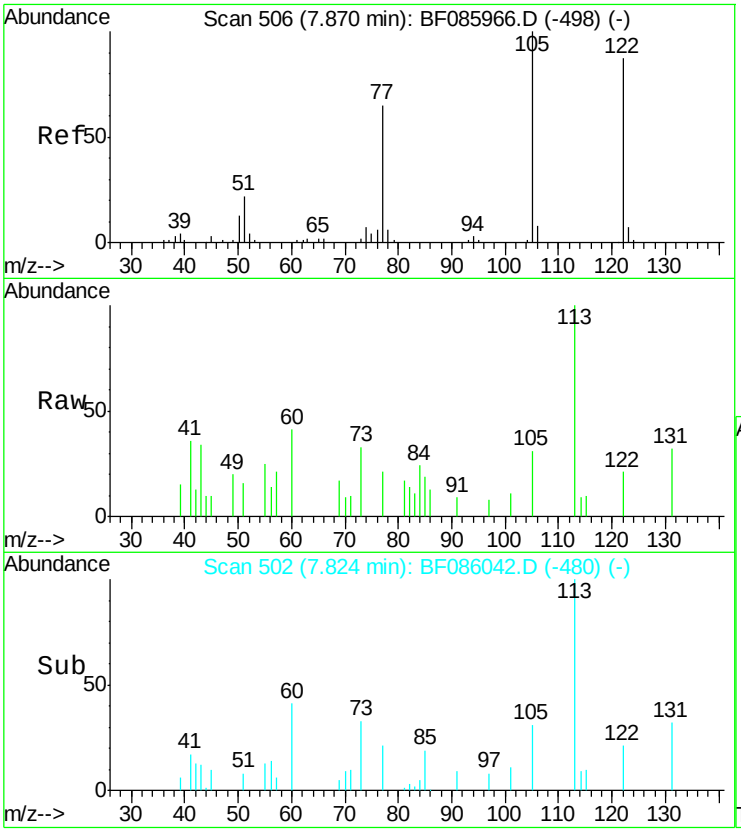


#31
Naphthalene
Concen: 0.74 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:128 Resp: 17336

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.0	11.0	16.6



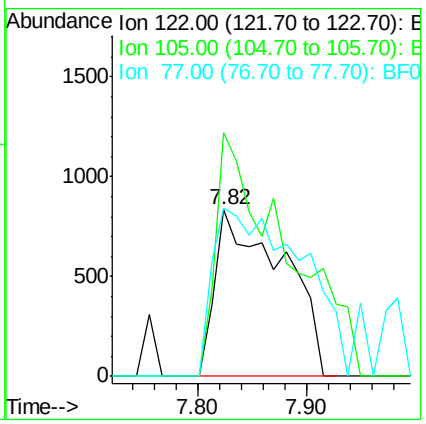


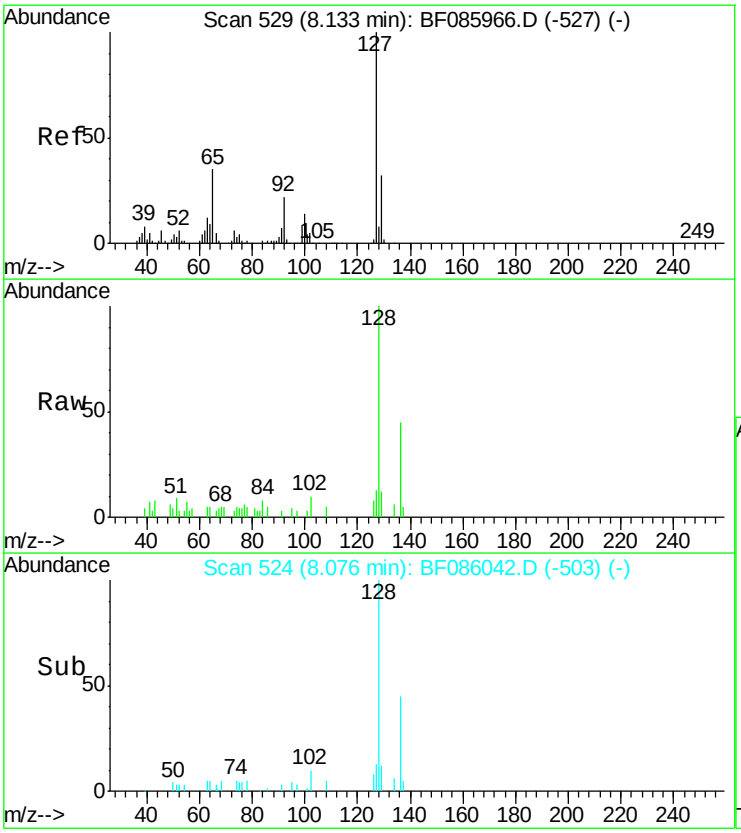
#32
Benzoic acid
Concen: 0.66 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.05 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:122 Resp: 3586

Ion	Ratio	Lower	Upper
122	100		
105	146.5	102.9	142.9#
77	101.4	71.8	111.8

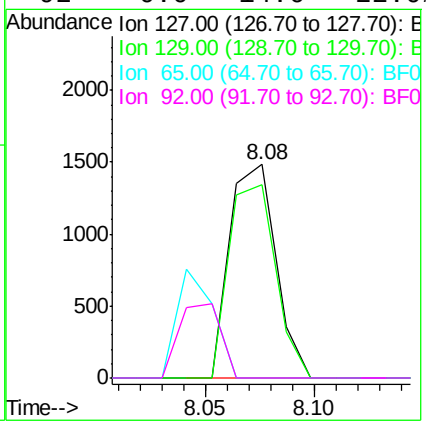


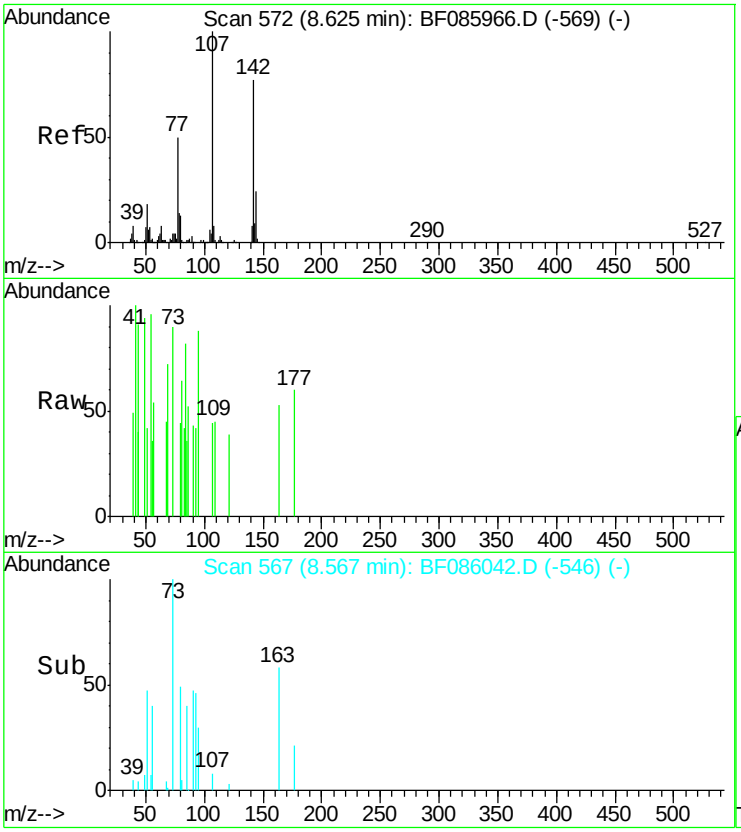


#33
4-Chloroaniline
Concen: 0.23 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:127 Resp: 2191

Ion	Ratio	Lower	Upper
127	100		
129	90.2	26.1	39.1#
65	0.0	19.5	29.3#
92	0.0	14.6	22.0#



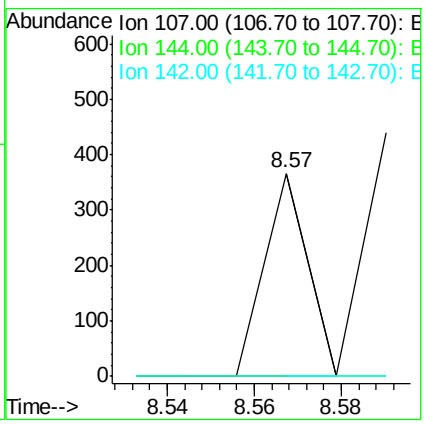


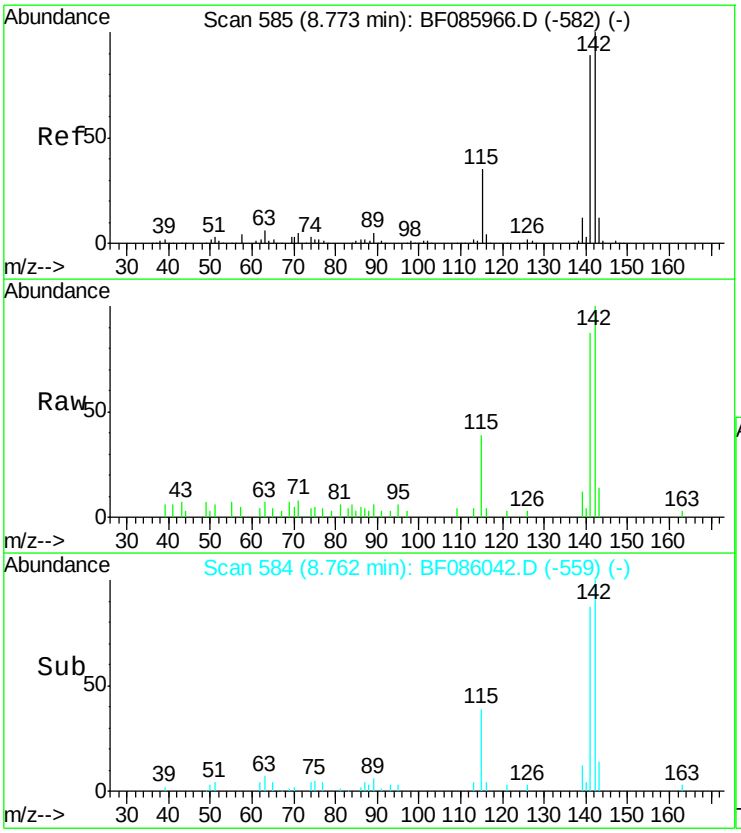
#36
4-Chloro-3-methylphenol
Concen: 0.04 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.06 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:107 Resp: 251

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.3	28.9#
142	0.0	61.4	92.0#

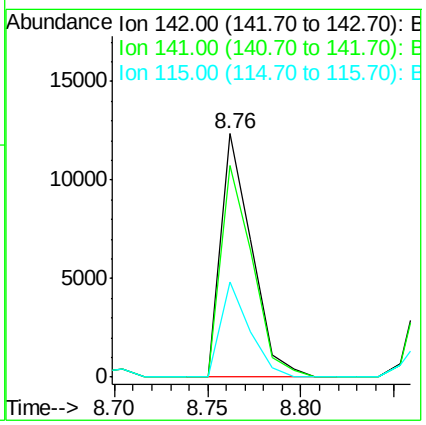


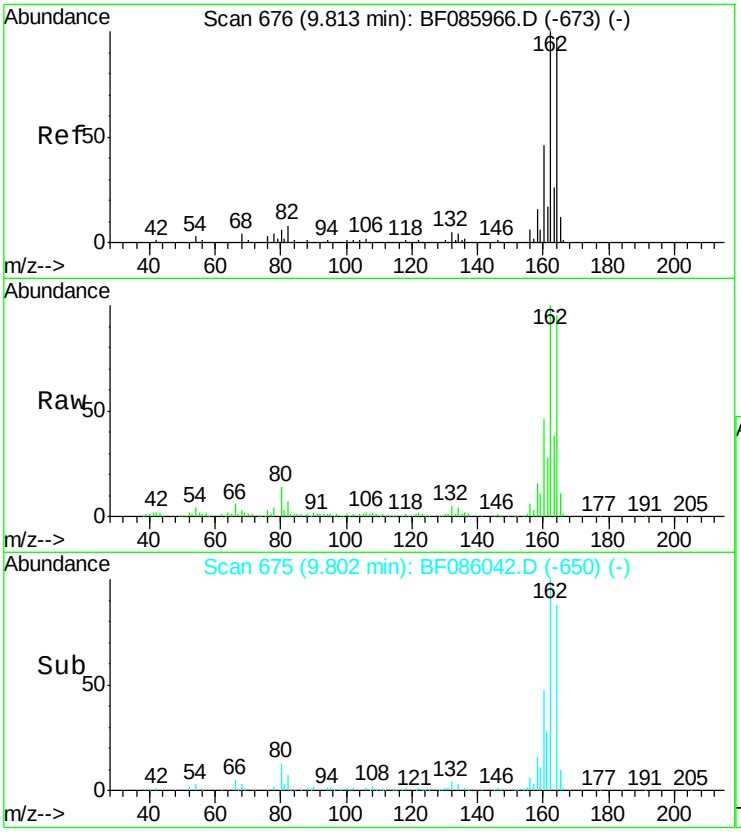


#37
2-Methylnaphthalene
Concen: 0.94 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:142 Resp: 14325

Ion	Ratio	Lower	Upper
142	100		
141	87.2	71.6	107.4
115	38.9	26.8	40.2



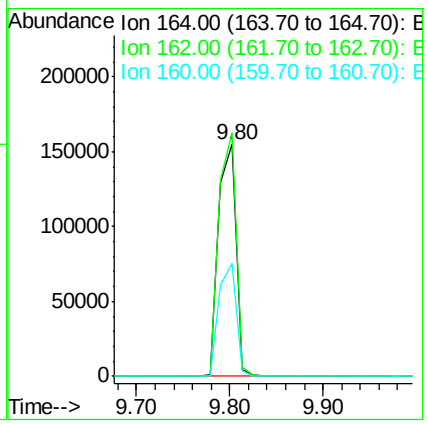


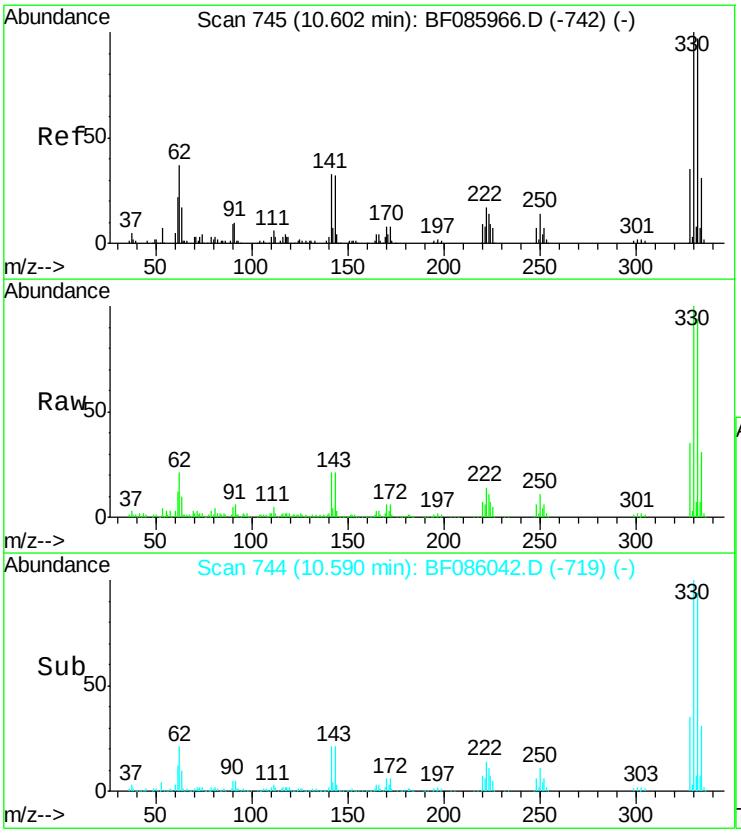
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:164 Resp: 200118

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.1	123.1
160	48.8	37.4	56.2

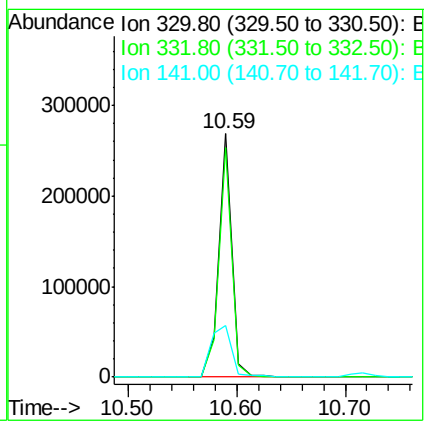


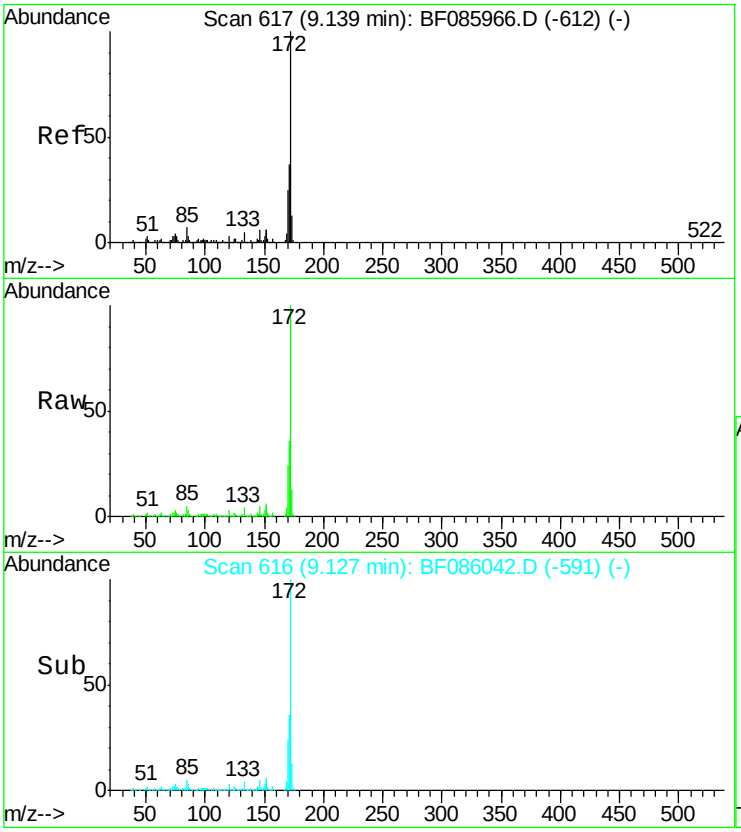


#41
2,4,6-Tribromophenol
Concen: 121.61 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:330 Resp: 228412

Ion	Ratio	Lower	Upper
330	100		
332	94.1	78.2	117.2
141	33.0	31.5	47.3



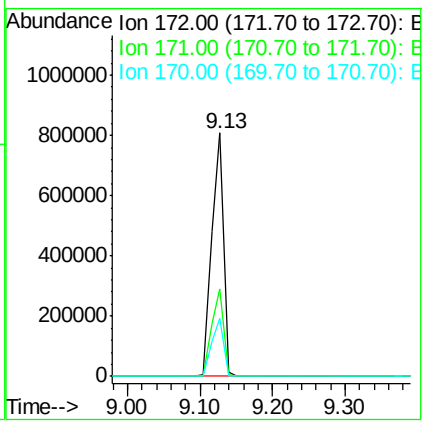


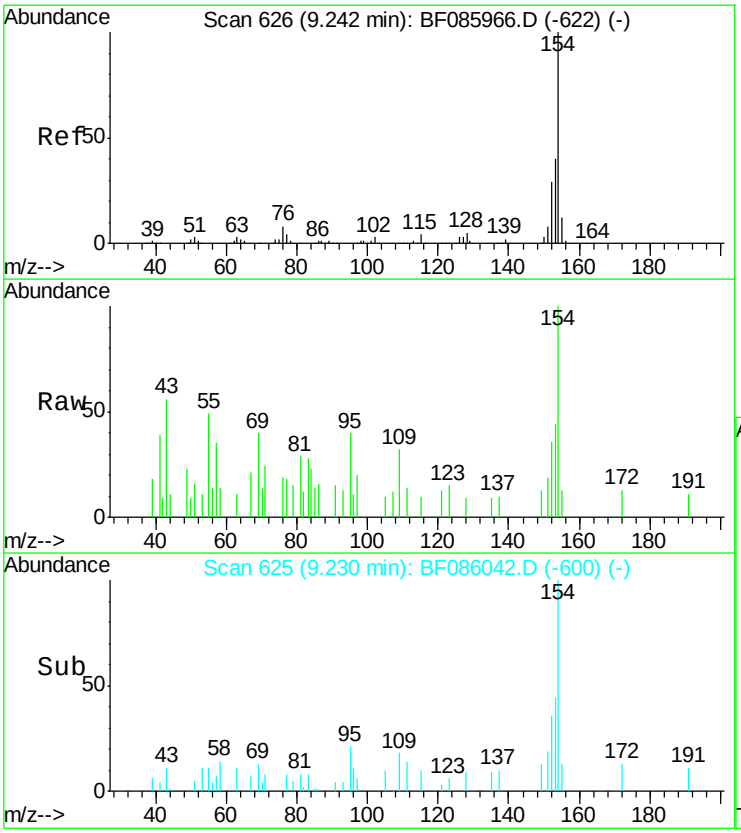
#44
2-Fluorobiphenyl
Concen: 75.19 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:172 Resp: 905028

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.2
170	24.1	19.8	29.6

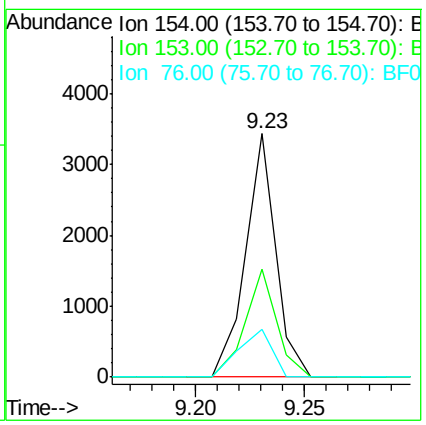


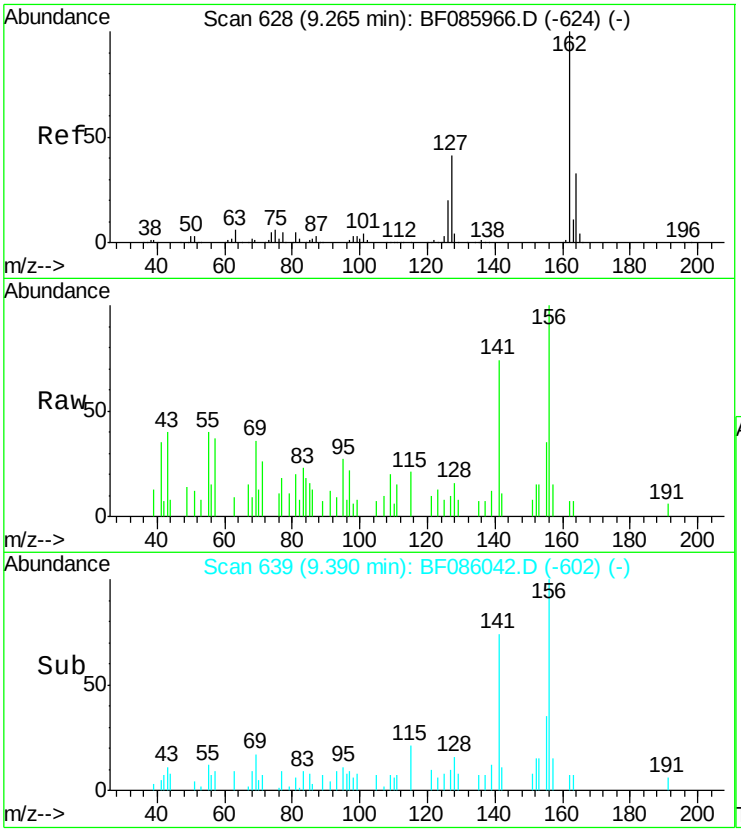


#45
1,1'-Biphenyl
Concen: 0.19 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:154 Resp: 3310

Ion	Ratio	Lower	Upper
154	100		
153	44.5	20.8	60.8
76	19.4	0.0	36.7



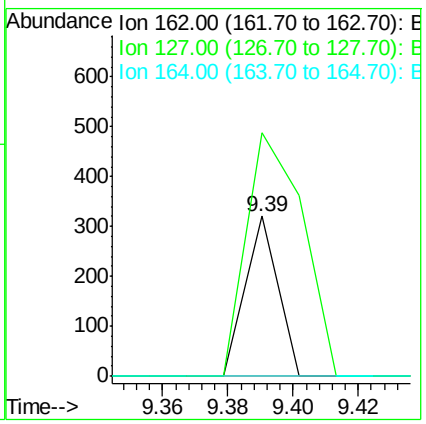


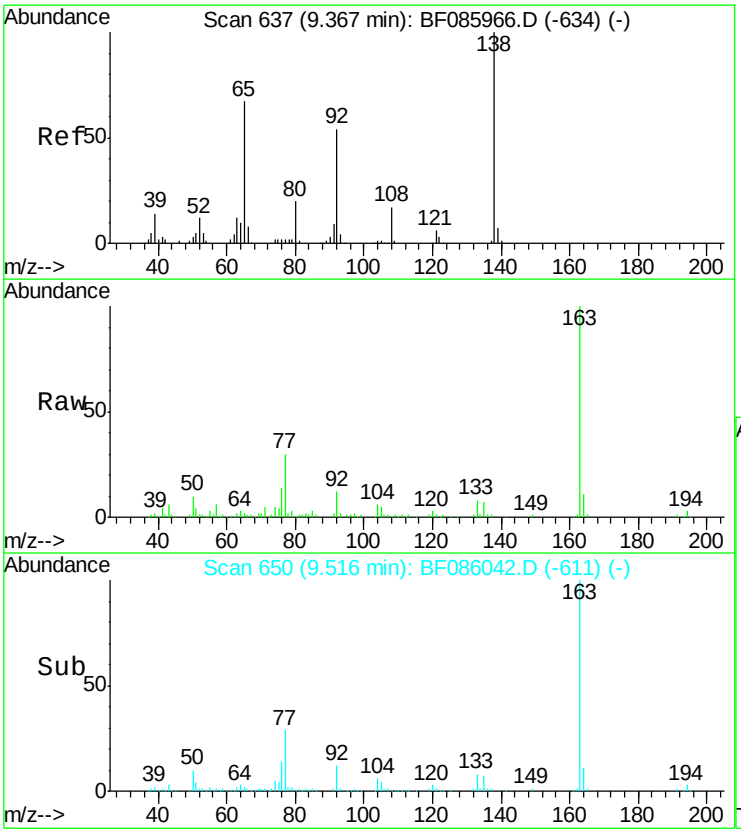
#46
2-Chloronaphthalene
Concen: 0.02 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.13 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:162 Resp: 220

Ion	Ratio	Lower	Upper
162	100		
127	152.0	31.7	47.5#
164	0.0	27.3	40.9#

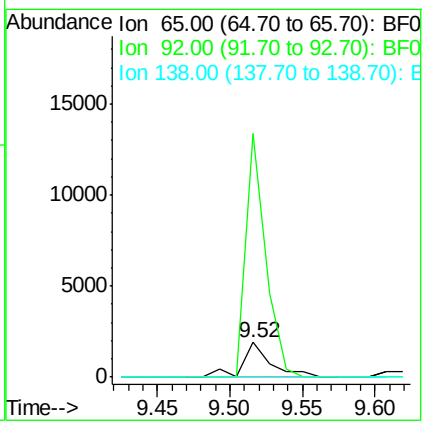


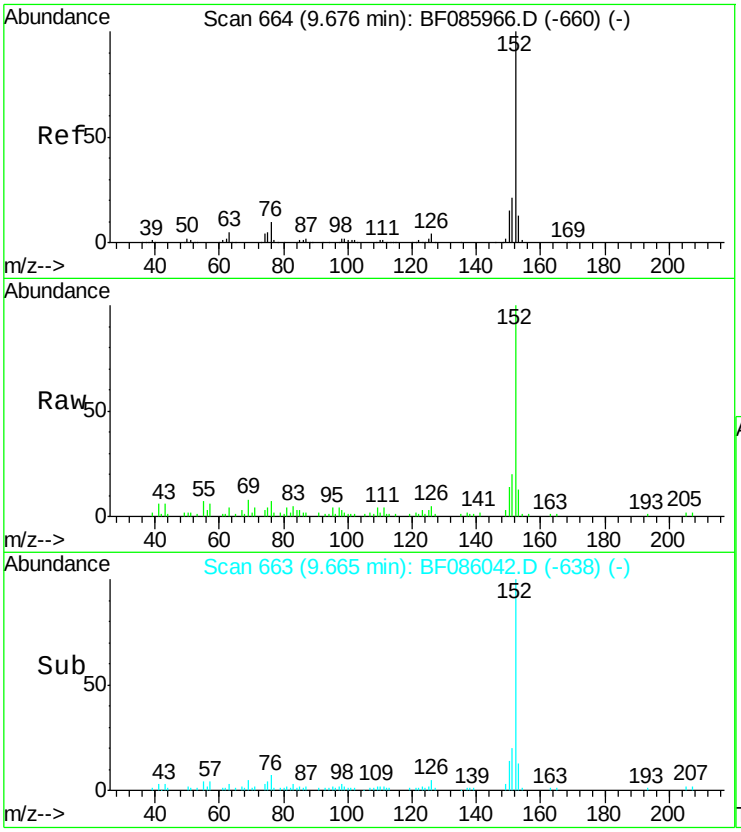


#47
2-Nitroaniline
Concen: 0.69 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.15 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion: 65 Resp: 2521

Ion	Ratio	Lower	Upper
65	100		
92	705.5	59.7	89.5#
138	0.0	91.4	137.0#



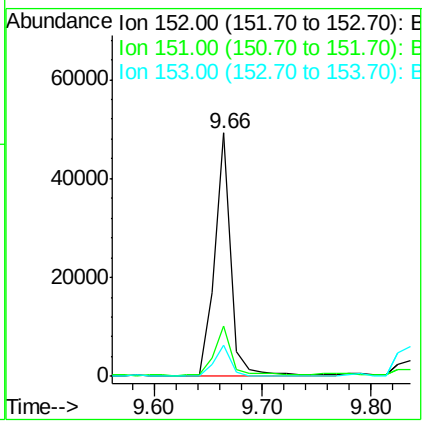


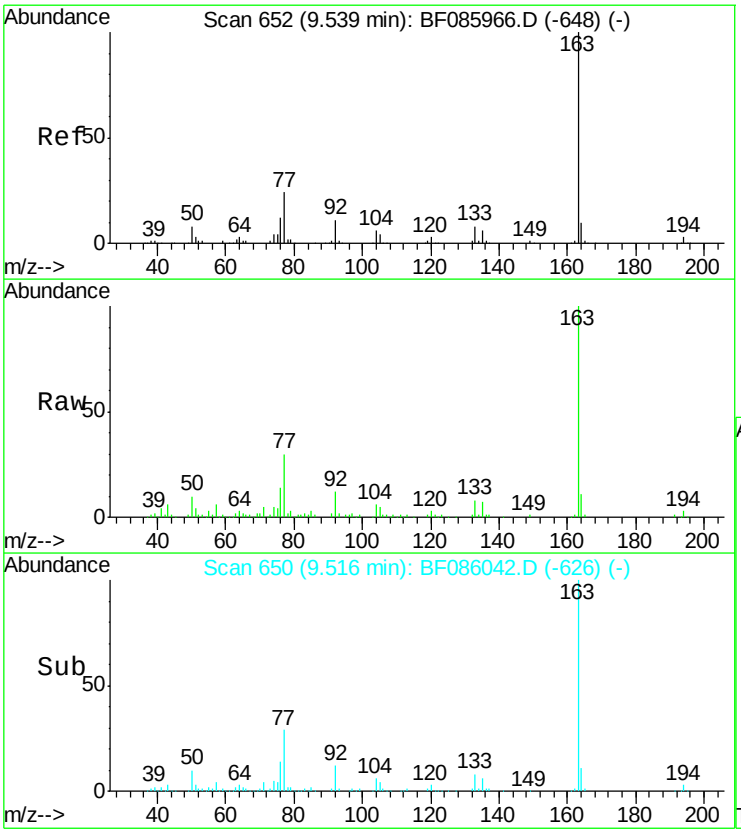
#48
Acenaphthylene
Concen: 2.61 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:152 Resp: 52245

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	12.6	10.9	16.3

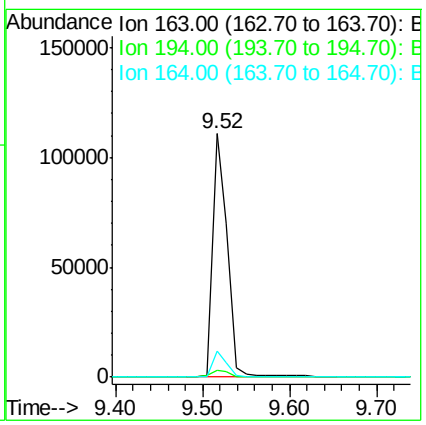


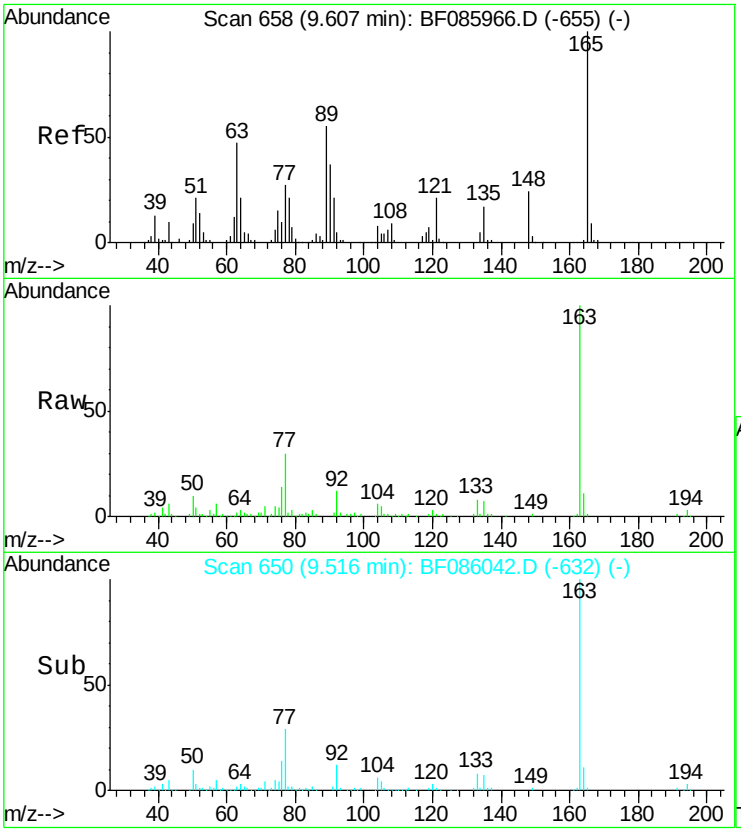


#49
Dimethylphthalate
Concen: 8.85 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:163 Resp: 131216

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.9	4.3
164	10.6	8.3	12.5



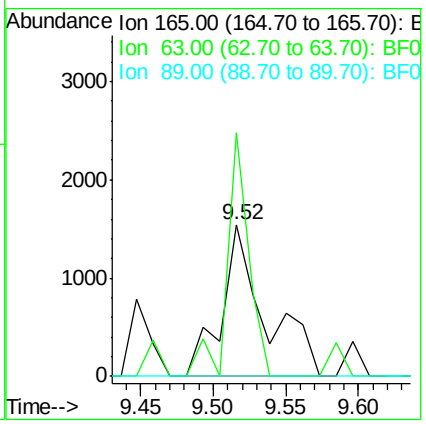


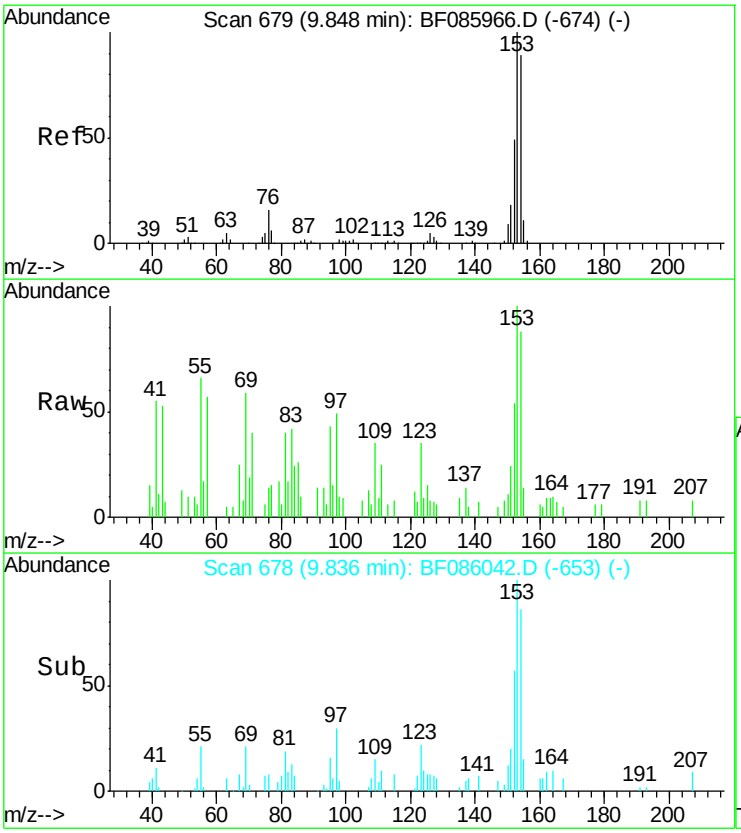
#50
2,6-Dinitrotoluene
Concen: 1.03 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.09 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:165 Resp: 3233

Ion	Ratio	Lower	Upper
165	100		
63	160.5	51.8	77.8#
89	0.0	53.7	80.5#

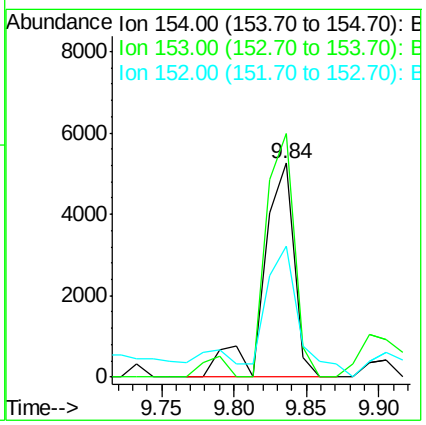


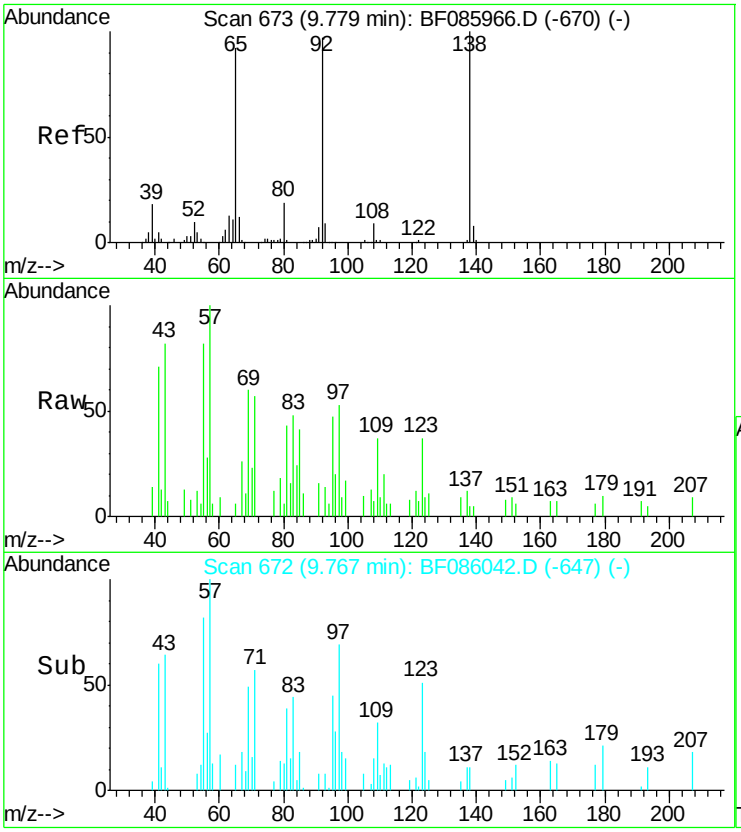


#51
Acenaphthene
Concen: 0.65 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:154 Resp: 7719

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.1	135.1
152	61.0	44.2	66.2



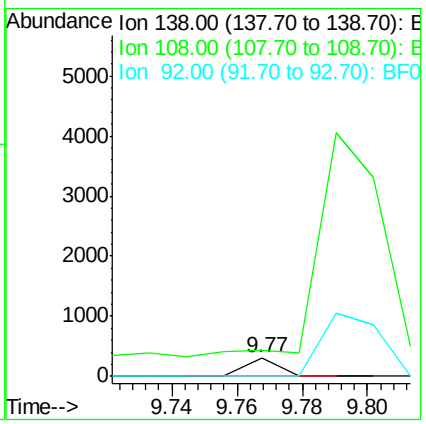


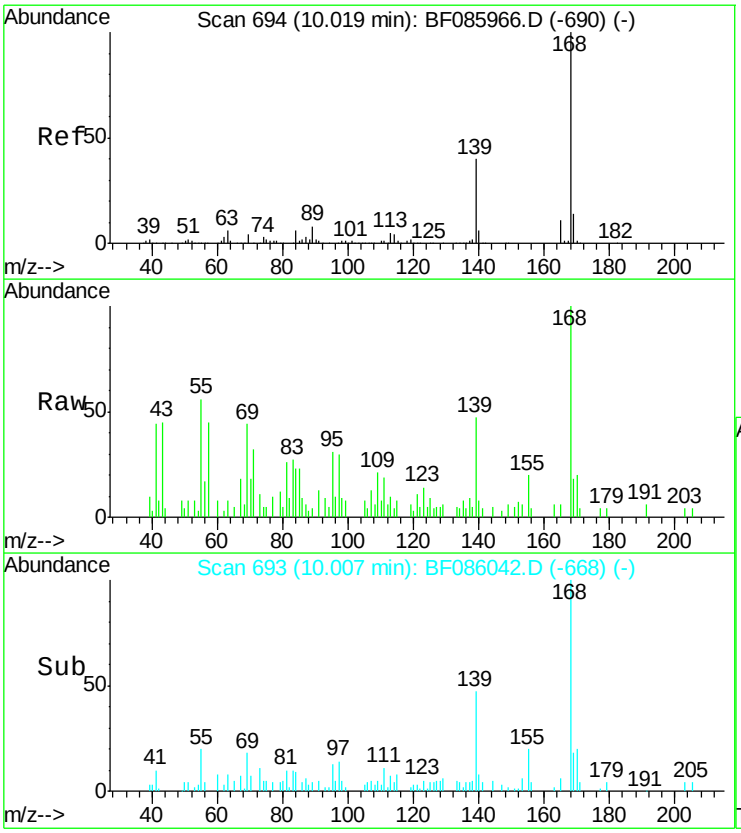
#52
3-Nitroaniline
Concen: 0.06 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:138 Resp: 211

Ion	Ratio	Lower	Upper
138	100		
108	138.3	8.7	13.1#
92	0.0	93.3	139.9#

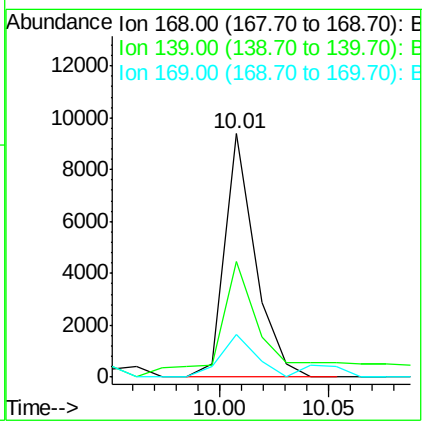


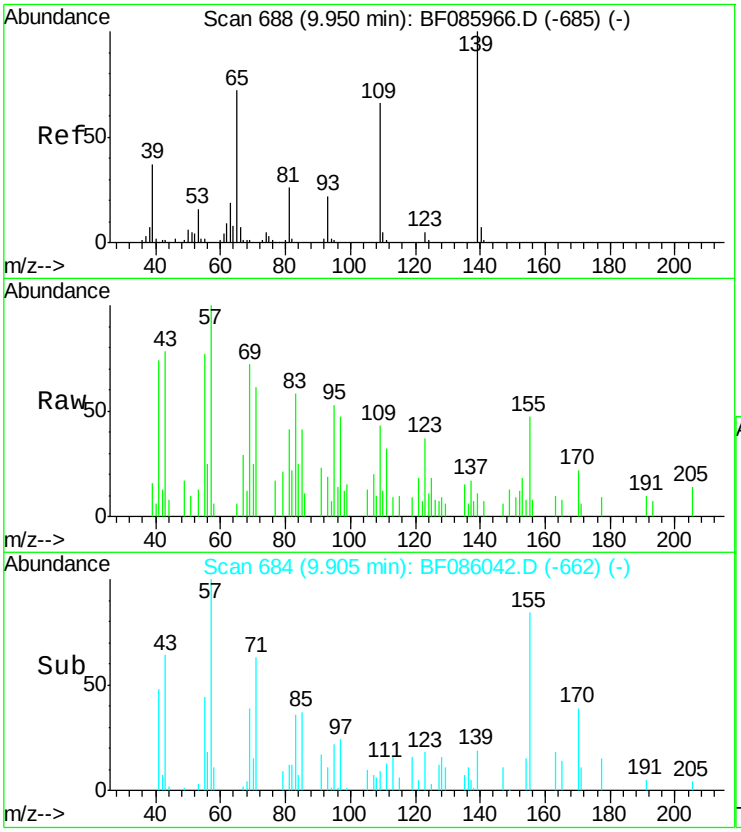


#54
Dibenzofuran
Concen: 0.58 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:168 Resp: 9105

Ion	Ratio	Lower	Upper
168	100		
139	47.4	31.9	47.9
169	17.8	11.0	16.6#



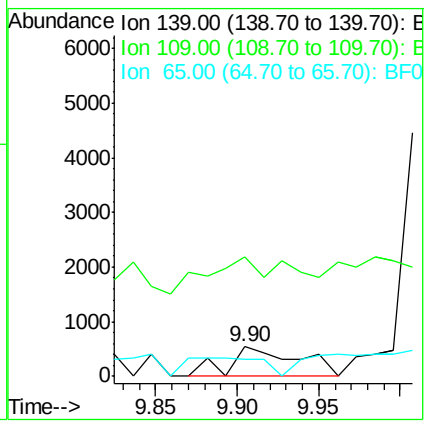


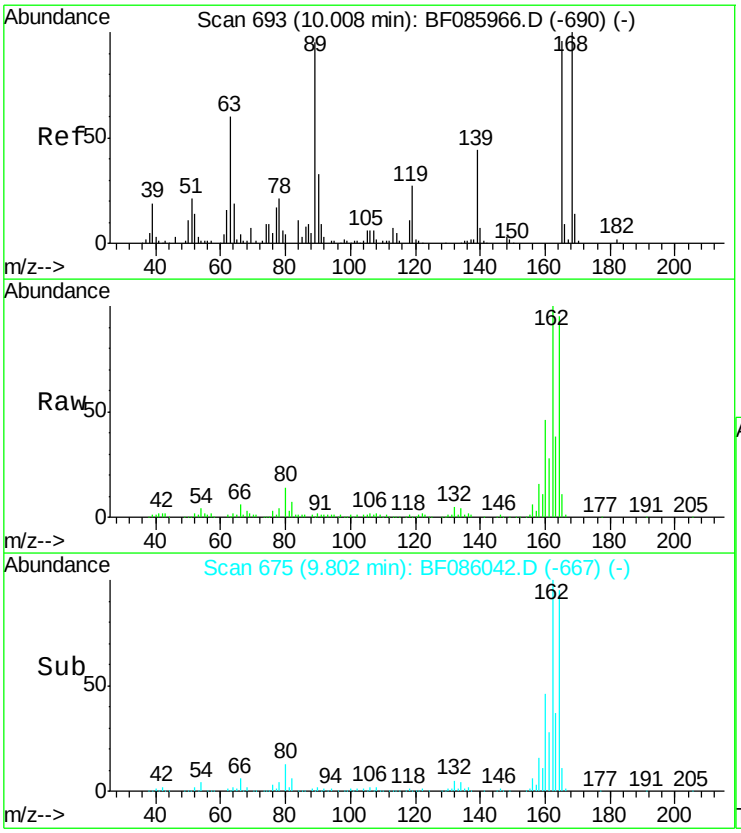
#55
4-Nitrophenol
Concen: 0.71 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:139 Resp: 1592

Ion	Ratio	Lower	Upper
139	100		
109	400.9	49.2	89.2#
65	56.1	66.9	106.9#

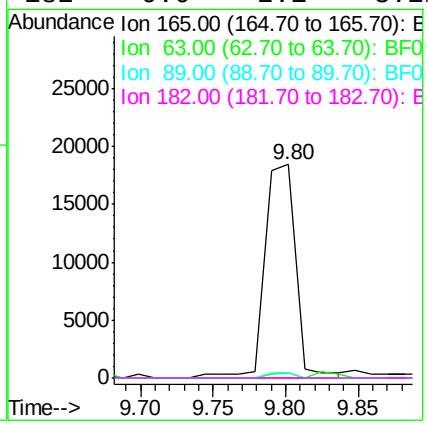


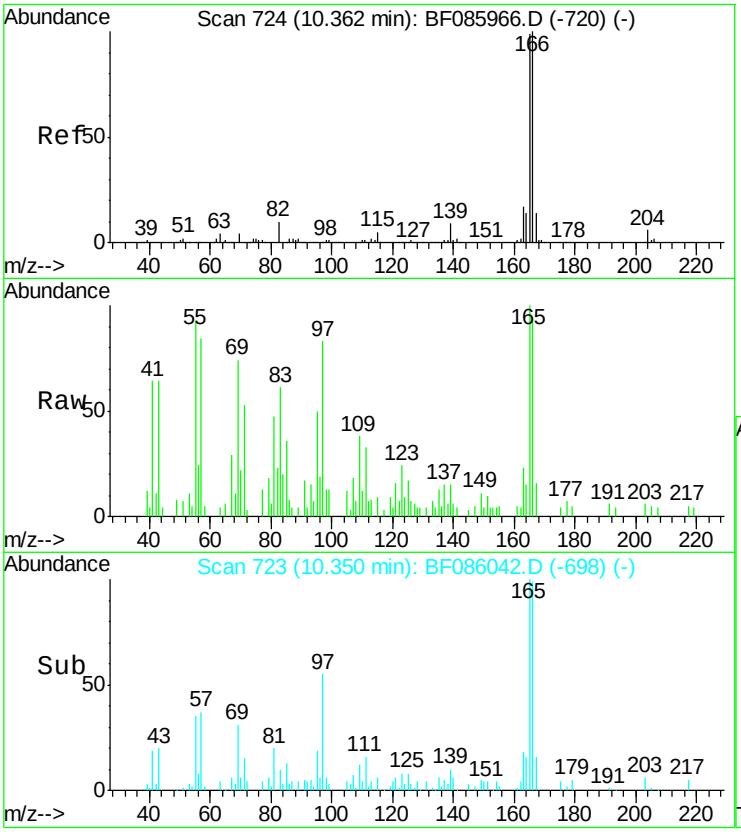


#56
2,4-Dinitrotoluene
Concen: 6.85 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:165 Resp: 27182

Ion	Ratio	Lower	Upper
165	100		
63	2.2	24.9	37.3#
89	2.2	41.0	61.6#
182	0.0	2.1	3.1#



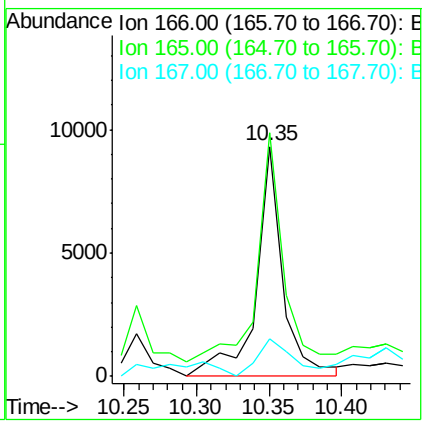


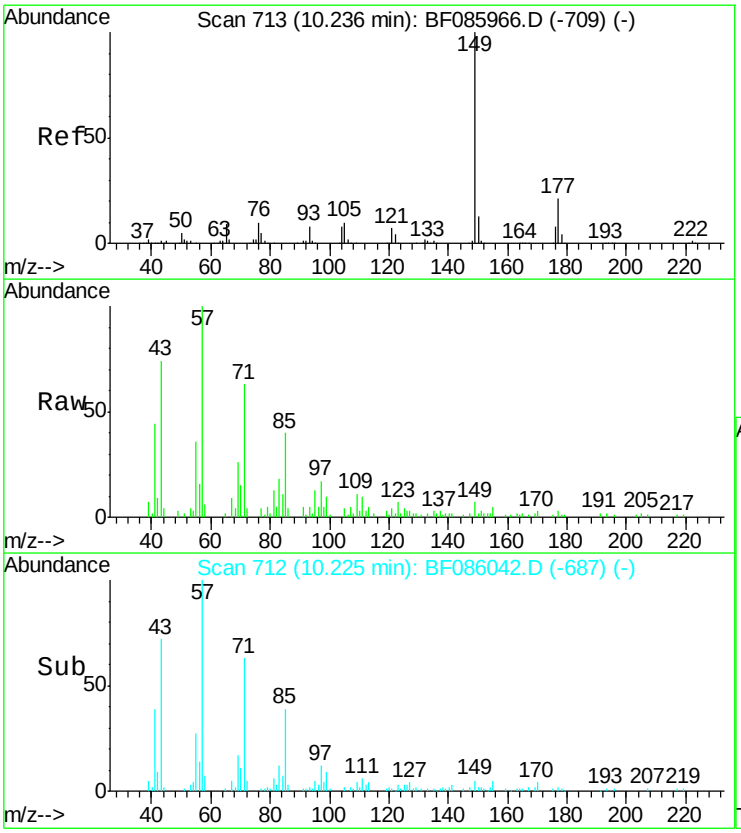
#57
Fluorene
Concen: 0.89 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:166 Resp: 11962

Ion	Ratio	Lower	Upper
166	100		
165	105.9	79.4	119.0
167	16.5	11.0	16.4#

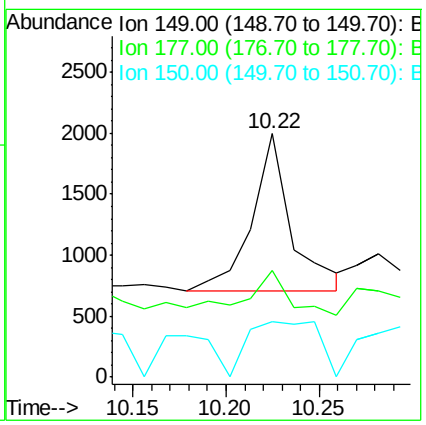


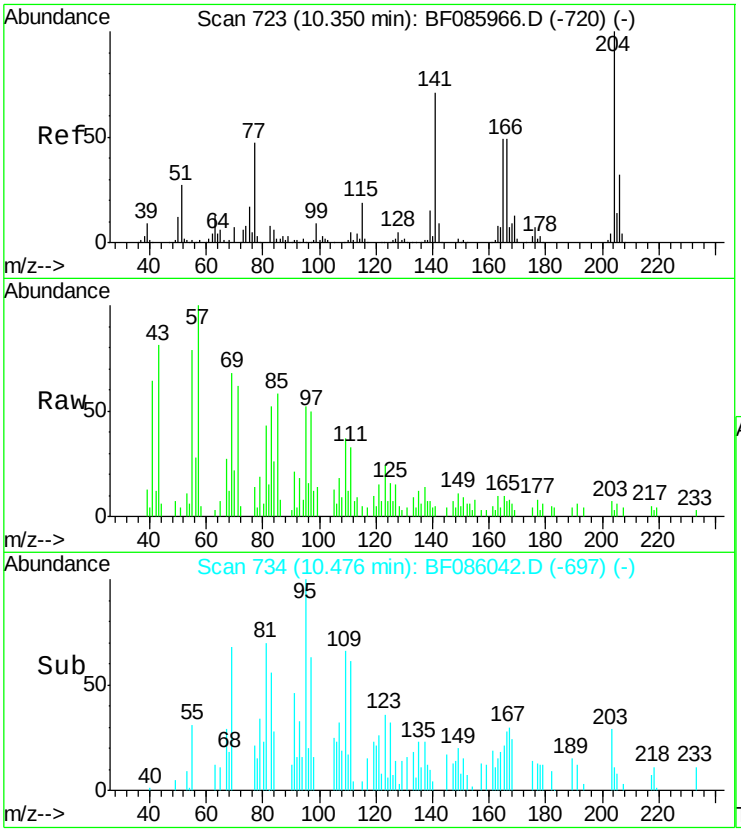


#59
Diethylphthalate
Concen: 0.13 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:149 Resp: 1891

Ion	Ratio	Lower	Upper
149	100		
177	43.6	17.9	26.9#
150	23.0	10.2	15.2#



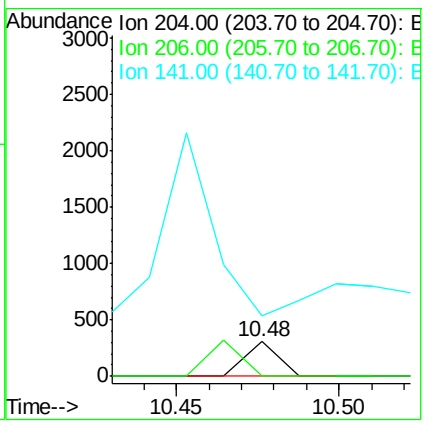


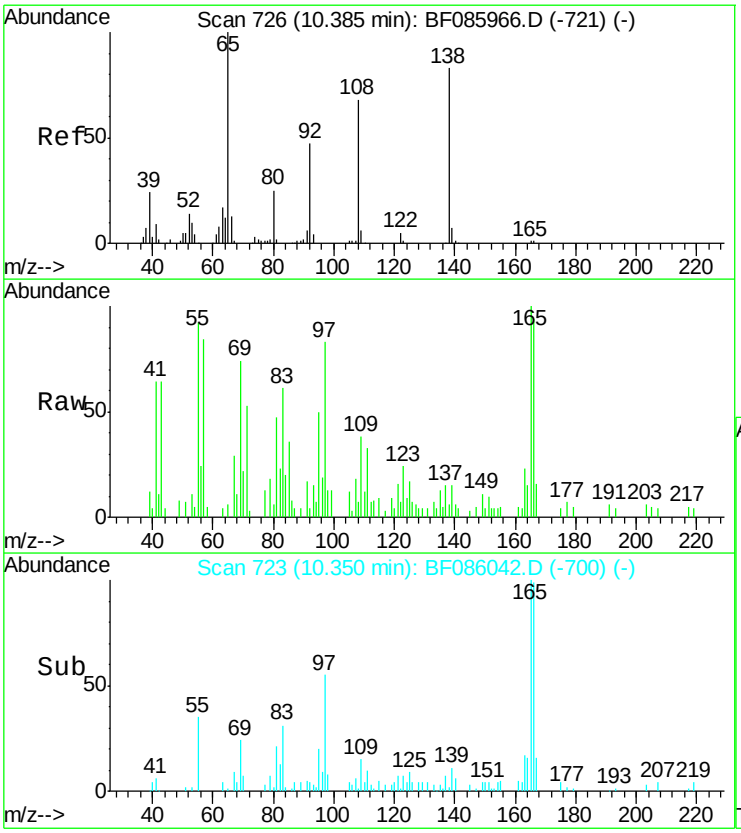
#60
4-Chlorophenyl-phenylether
Concen: 0.03 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.13 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:204 Resp: 209

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.6	39.8#
141	176.7	57.4	86.0#

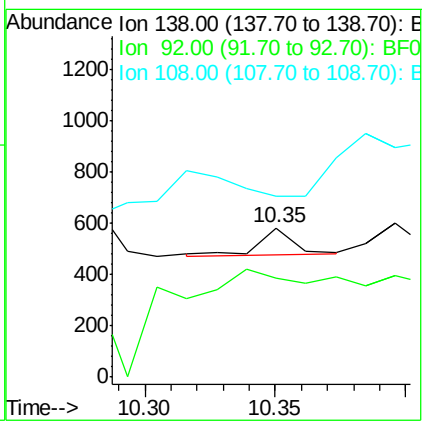


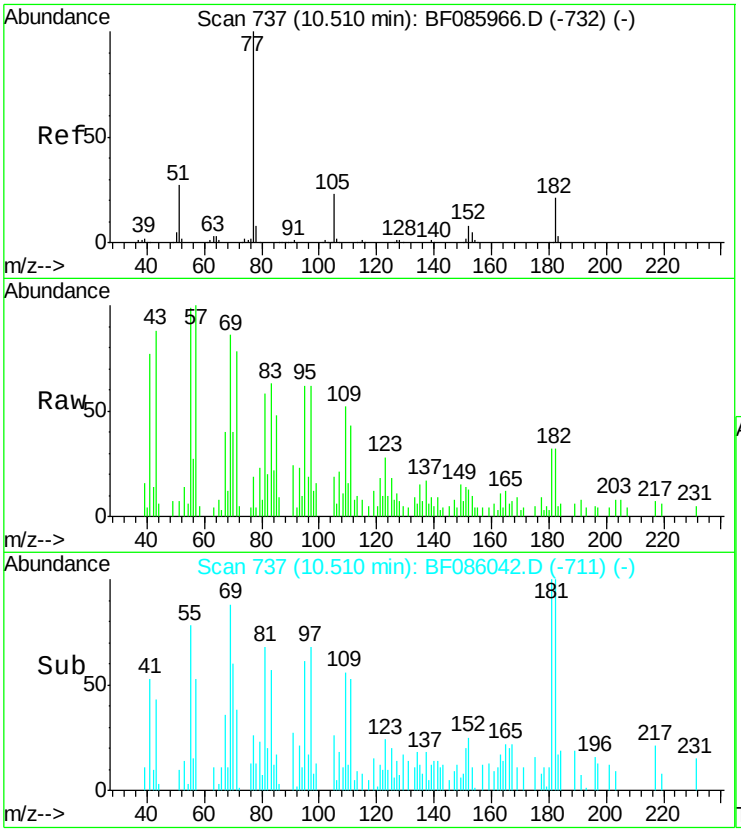


#61
4-Nitroaniline
Concen: 0.03 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:138 Resp: 103

Ion	Ratio	Lower	Upper
138	100		
92	66.0	26.4	66.4
108	120.9	49.0	89.0#



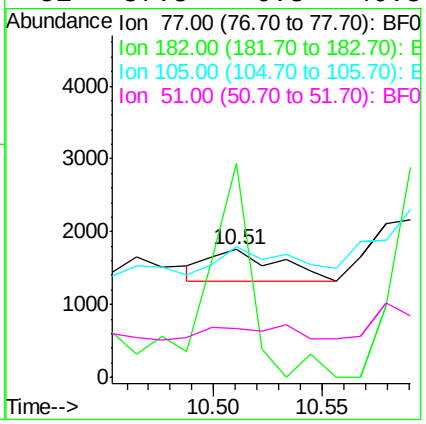


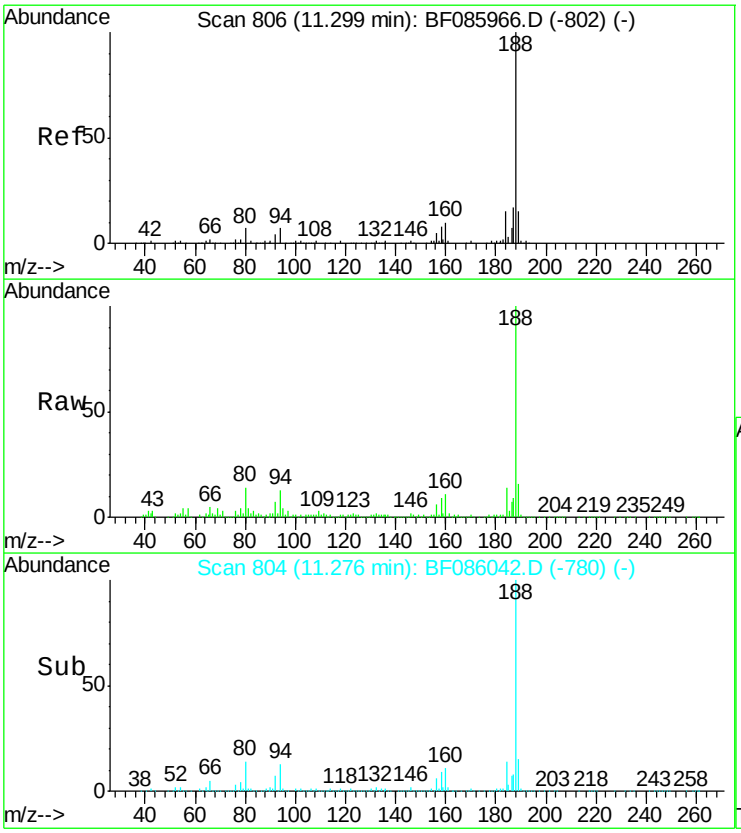
#62
Azobenzene
Concen: 0.07 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion: 77 Resp: 943

Ion	Ratio	Lower	Upper
77	100		
182	167.2	1.9	41.9#
105	101.9	3.5	43.5#
51	37.8	6.3	46.3

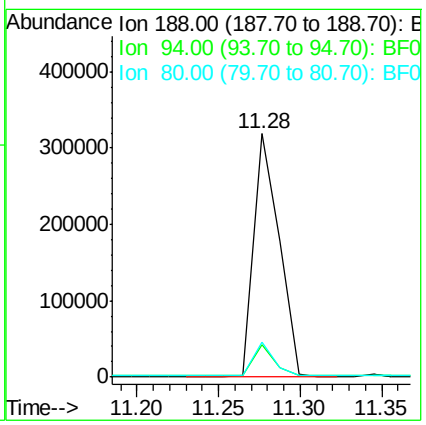


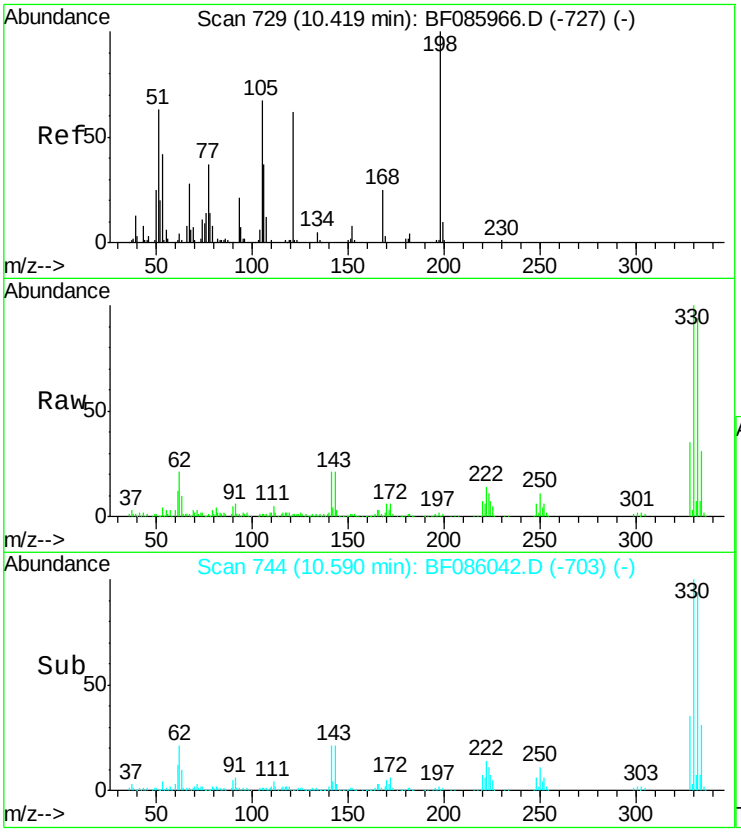


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:188 Resp: 346870

Ion	Ratio	Lower	Upper
188	100		
94	13.3	5.4	8.0#
80	14.2	5.5	8.3#



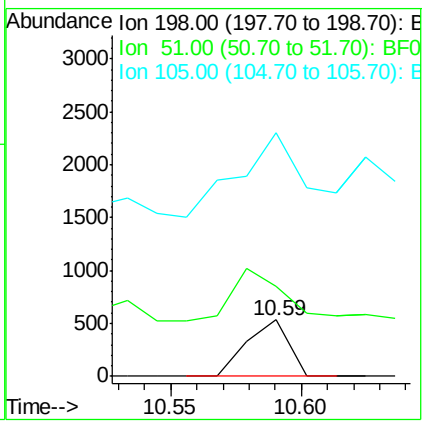


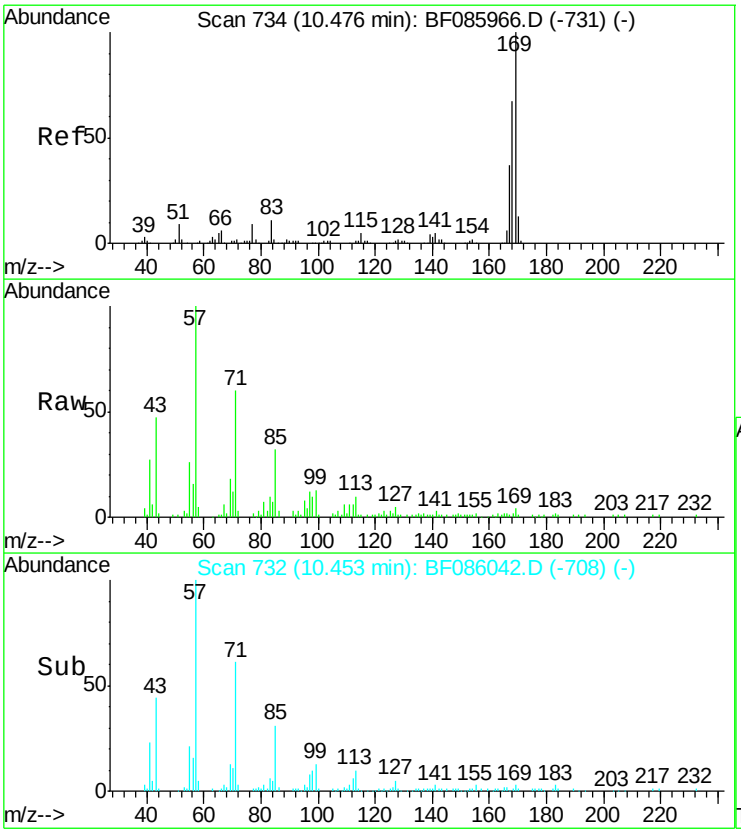
#64
4,6-Dinitro-2-methylphenol
Concen: 0.28 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.17 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:198 Resp: 592

Ion	Ratio	Lower	Upper
198	100		
51	159.4	45.4	85.4#
105	430.9	45.9	85.9#

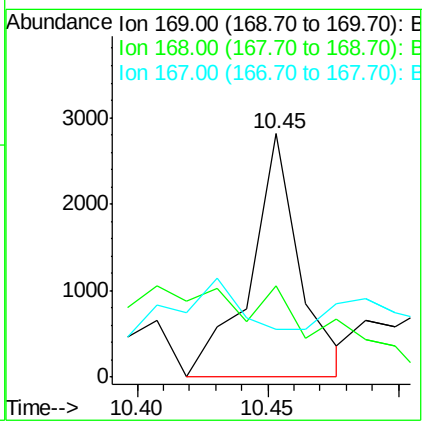


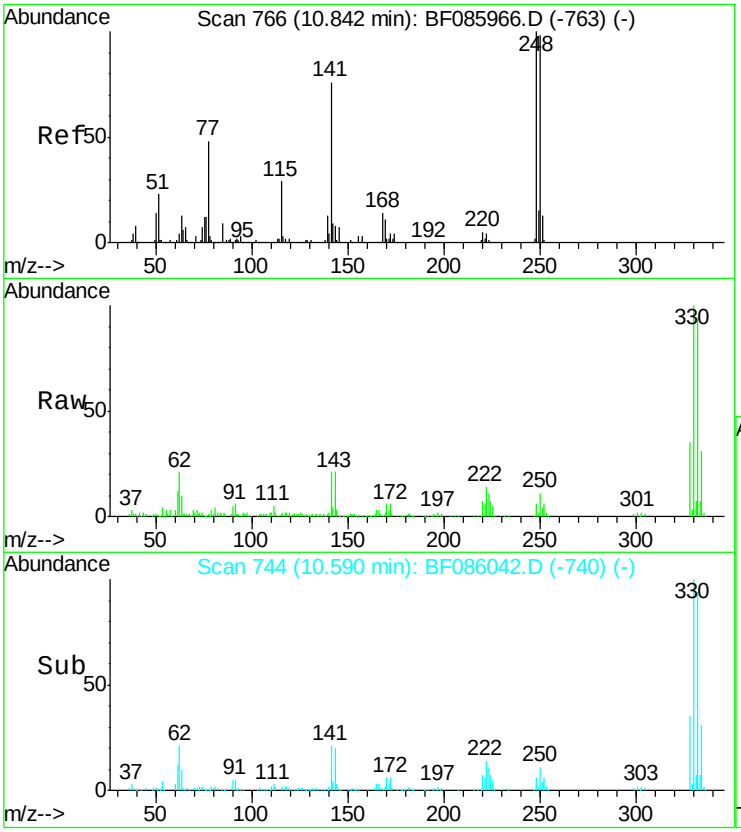


#65
n-Nitrosodiphenylamine
Concen: 0.34 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:169 Resp: 3684

Ion	Ratio	Lower	Upper
169	100		
168	37.4	54.4	81.6#
167	19.8	29.4	44.0#



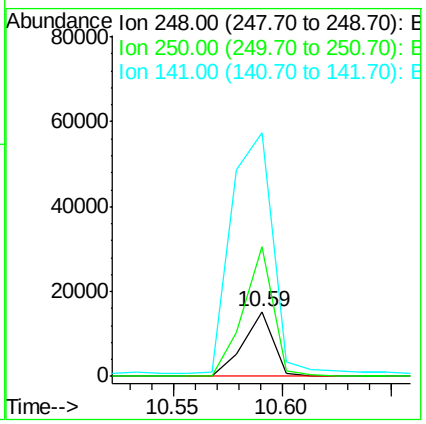


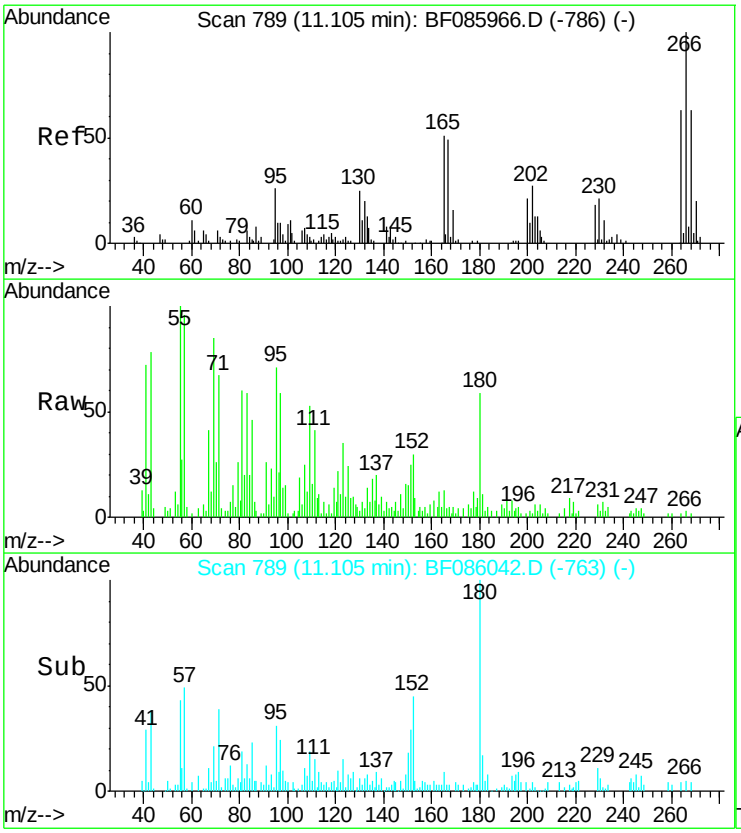
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:248 Resp: 14657

Ion	Ratio	Lower	Upper
248	100		
250	199.1	77.4	116.0#
141	374.4	63.6	95.4#

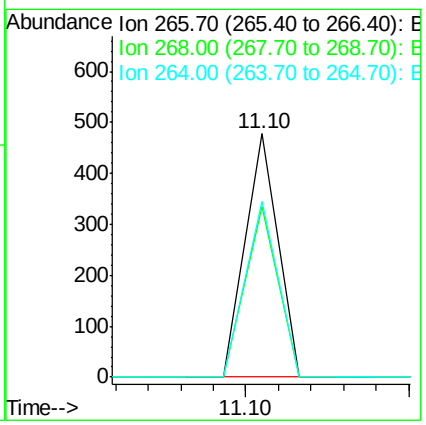


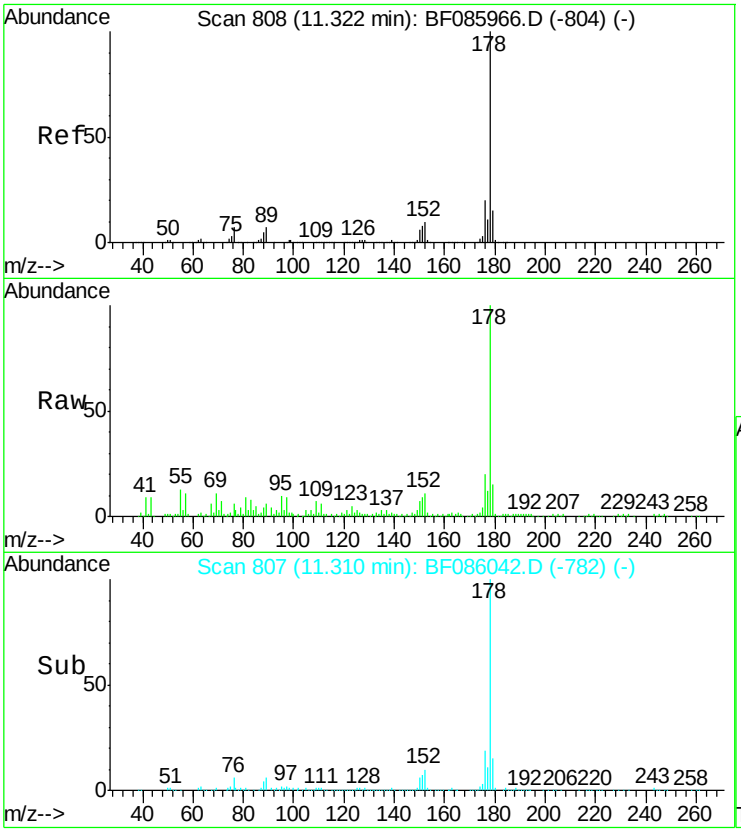


#69
Pentachlorophenol
Concen: 0.19 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:266 Resp: 328

Ion	Ratio	Lower	Upper
266	100		
268	70.3	51.5	77.3
264	72.0	50.6	76.0



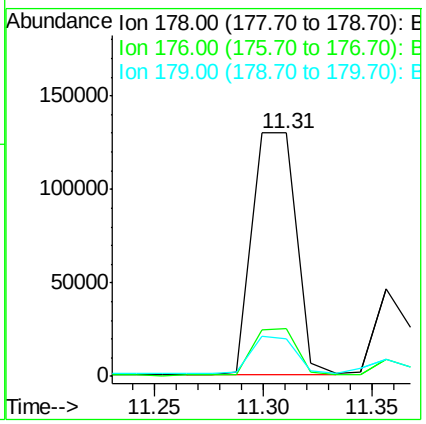


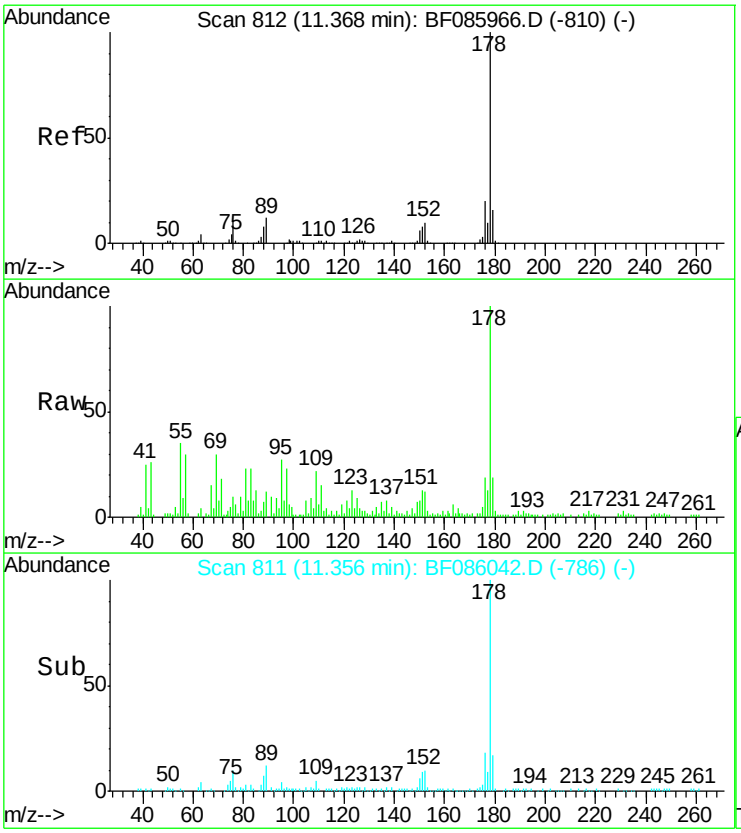
#70
Phenanthrene
Concen: 9.71 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:178 Resp: 183678

Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.4	12.6	18.8

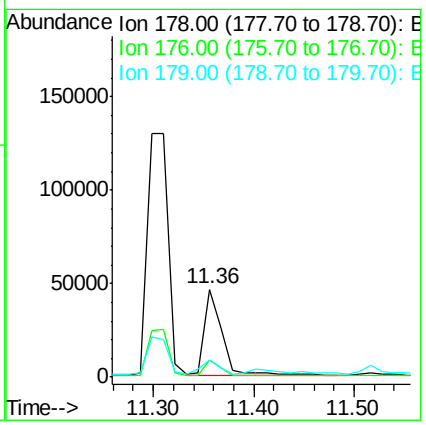


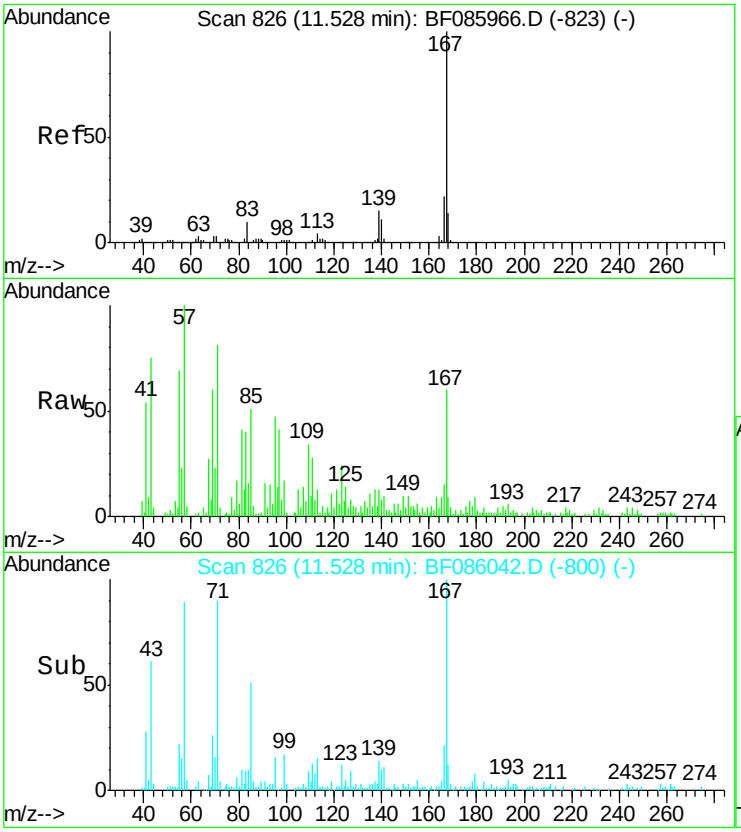


#71
Anthracene
Concen: 2.80 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:178 Resp: 55470

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	18.9	13.0	19.4



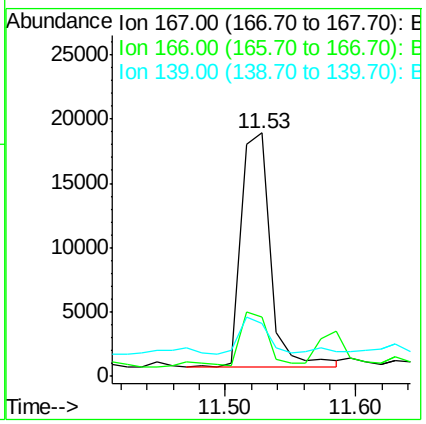


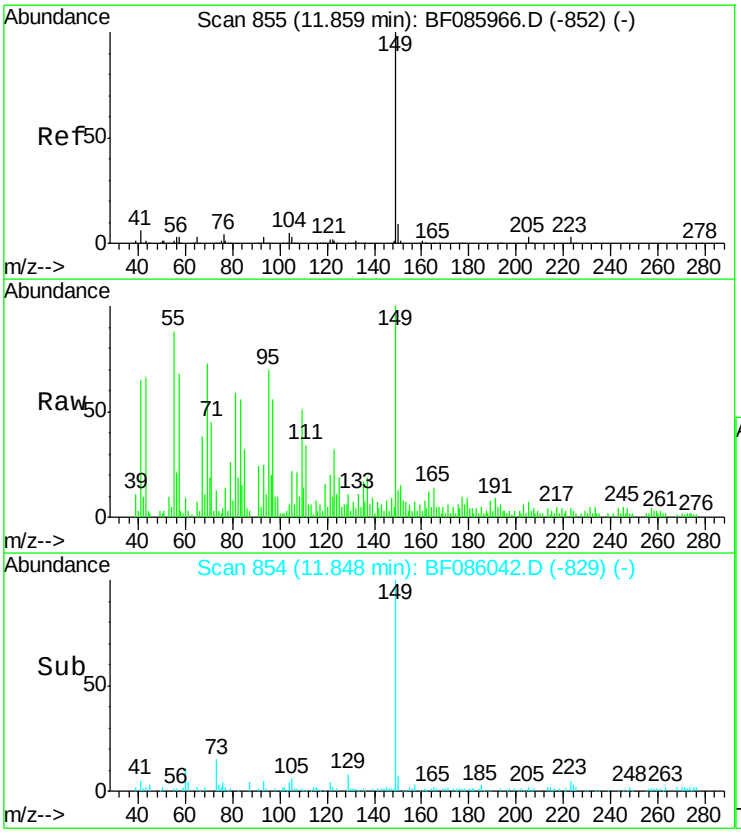
#72
Carbazole
Concen: 1.64 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:167 Resp: 27929

Ion	Ratio	Lower	Upper
167	100		
166	24.4	17.8	26.8
139	21.9	11.6	17.4#

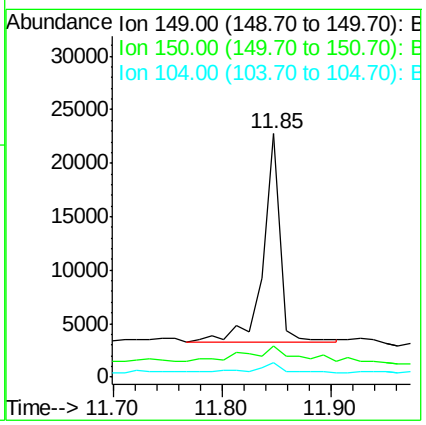


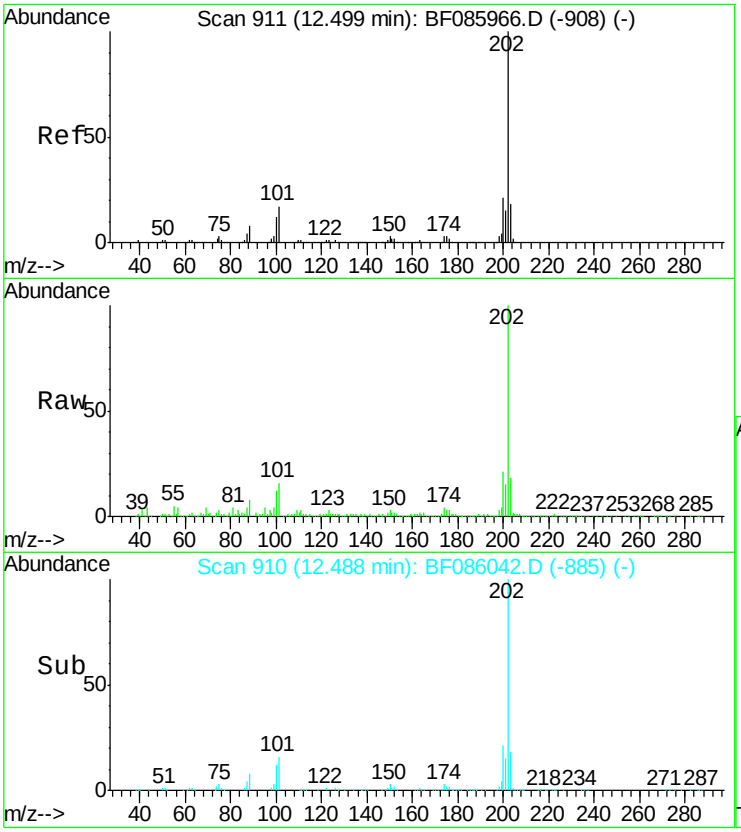


#73
Di-n-butylphthalate
Concen: 1.00 ng
RT: 11.85 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:149 Resp: 21129

Ion	Ratio	Lower	Upper
149	100		
150	13.0	7.6	11.4#
104	5.7	3.8	5.8



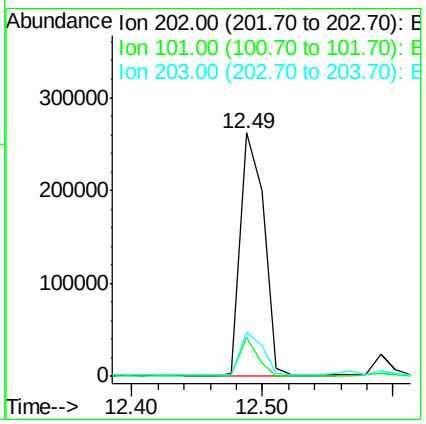


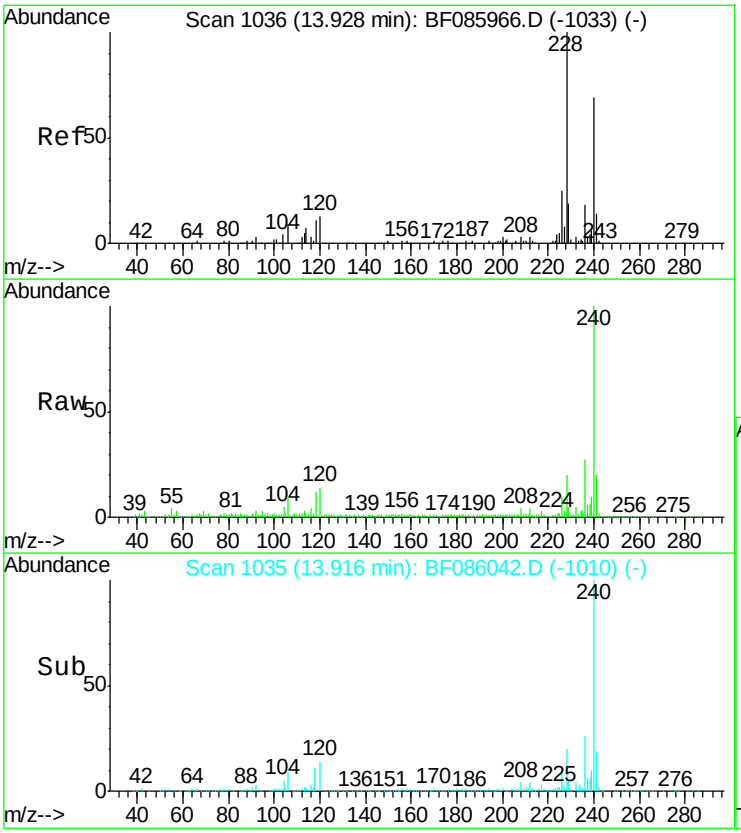
#74
Fluoranthene
Concen: 16.51 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:202 Resp: 325021

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	36.6
203	18.2	0.0	38.1

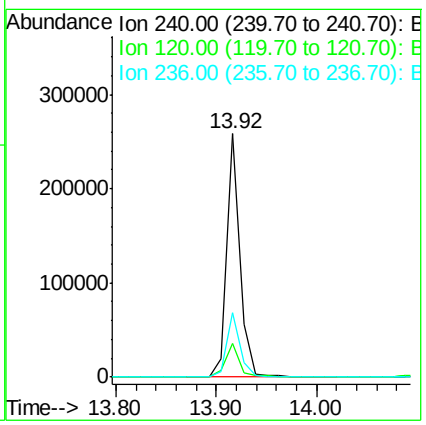


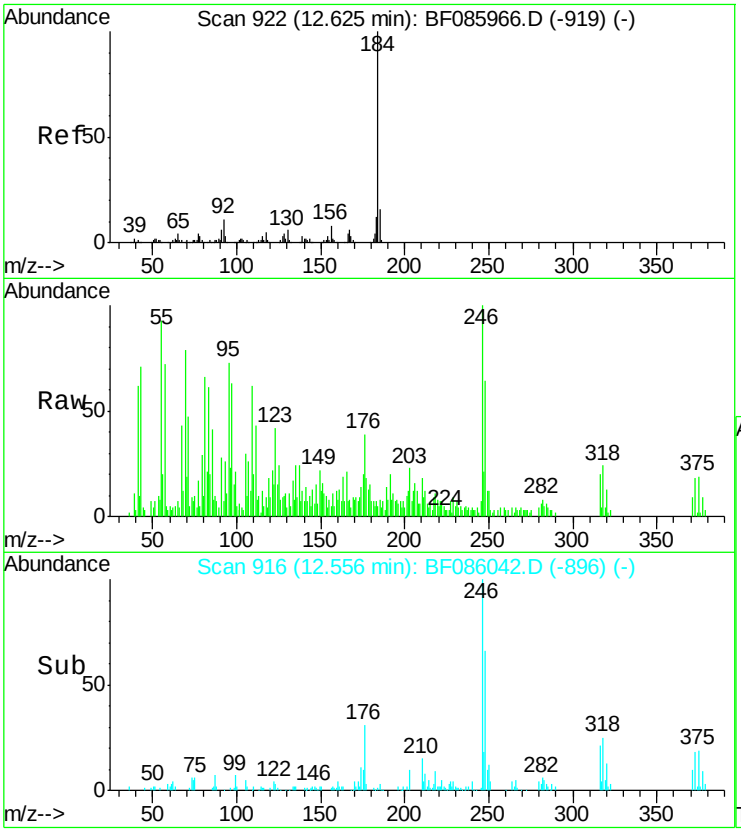


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:240 Resp: 232946

Ion	Ratio	Lower	Upper
240	100		
120	14.0	13.8	20.8
236	26.6	20.6	30.8



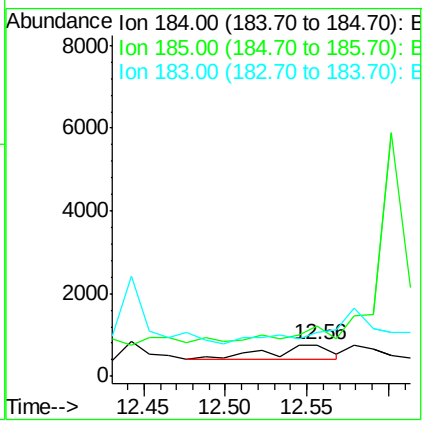


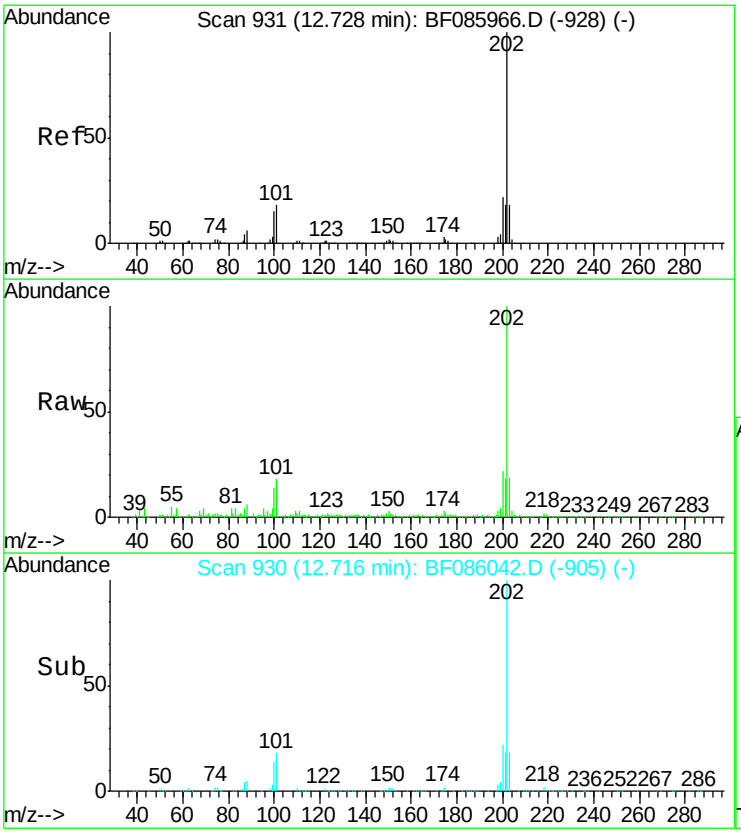
#76
Benzidine
Concen: 0.11 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.07 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:184 Resp: 865

Ion	Ratio	Lower	Upper
184	100		
185	157.6	12.4	18.6#
183	138.8	9.4	14.2#

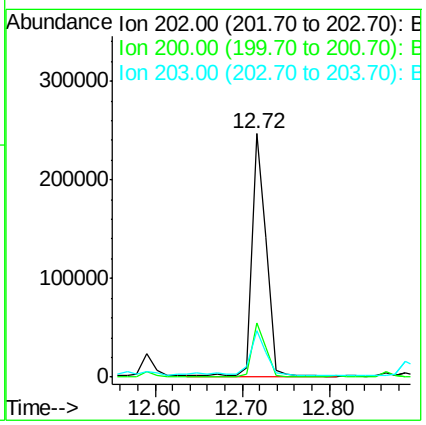


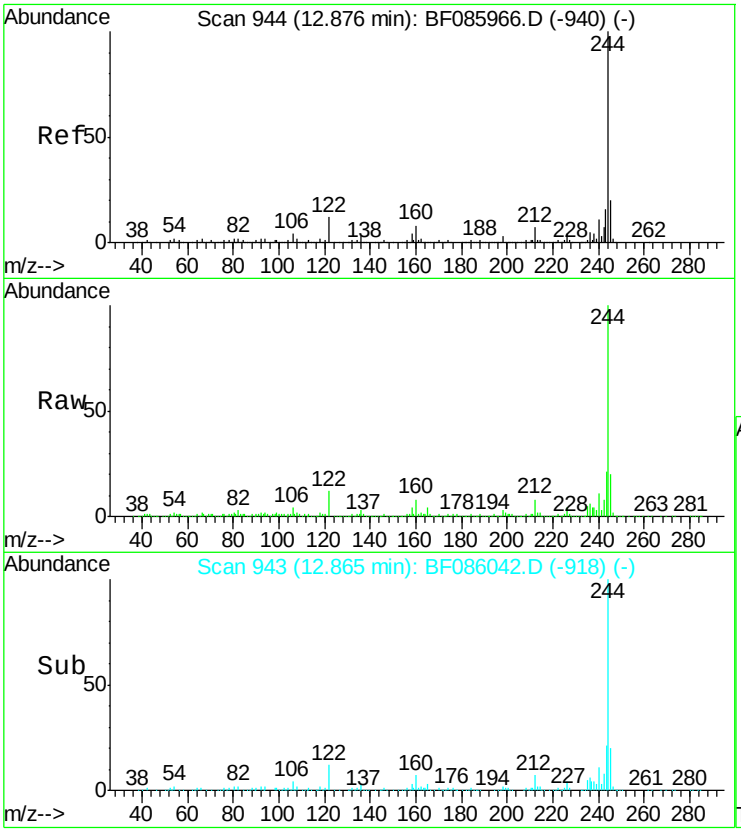


#77
Pyrene
Concen: 17.18 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:202 Resp: 282081

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.9	14.0	21.0



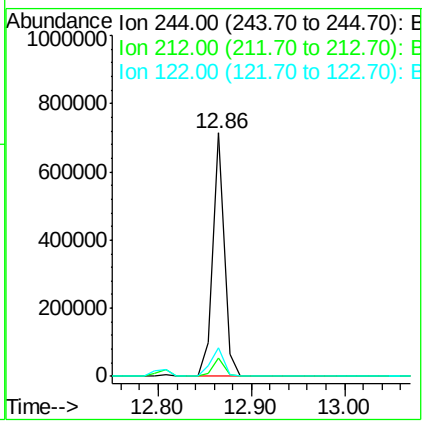


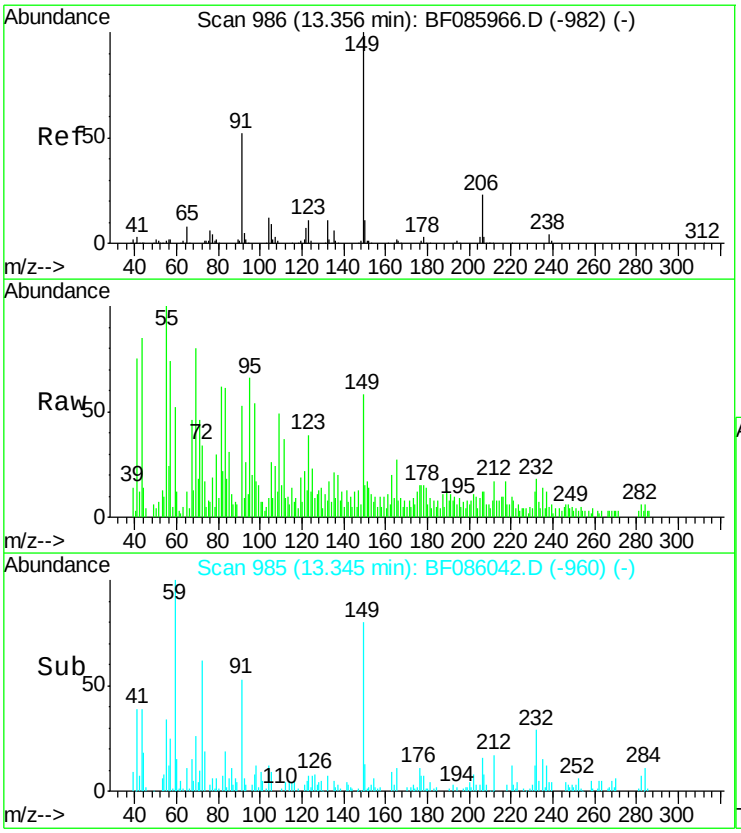
#78
Terphenyl-d14
Concen: 61.47 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:244 Resp: 609109

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.9	10.2	15.4

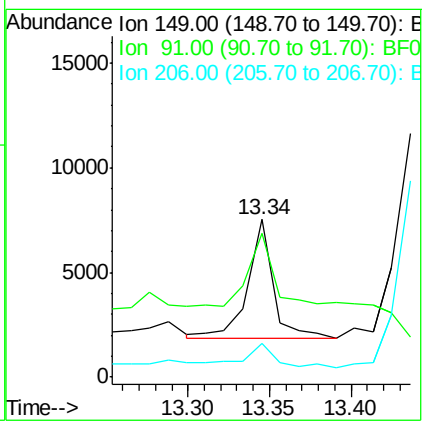


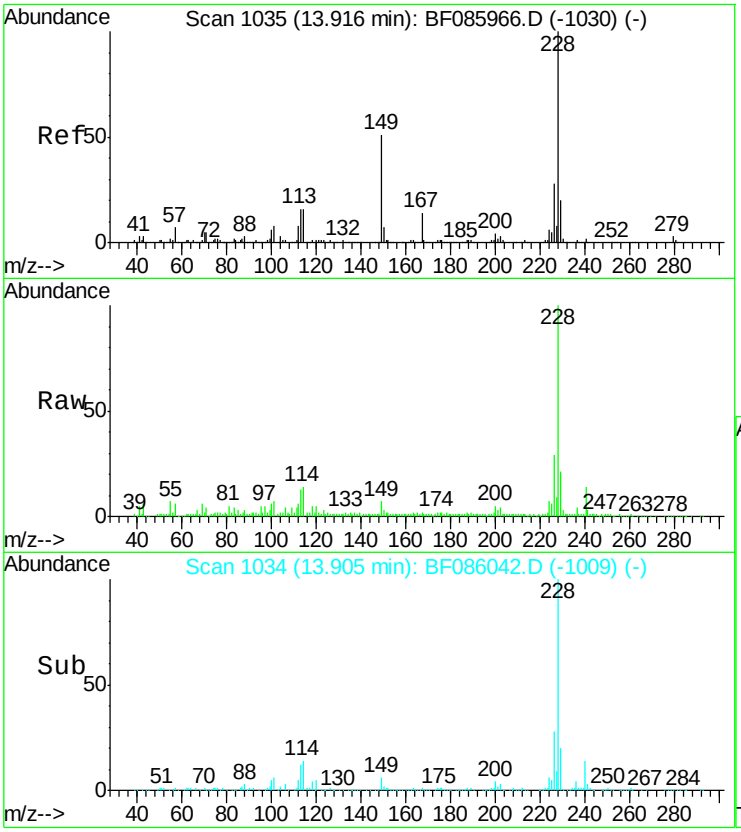


#79
Butylbenzylphthalate
Concen: 0.85 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:149 Resp: 6304

Ion	Ratio	Lower	Upper
149	100		
91	91.0	45.8	68.8#
206	21.2	17.8	26.8



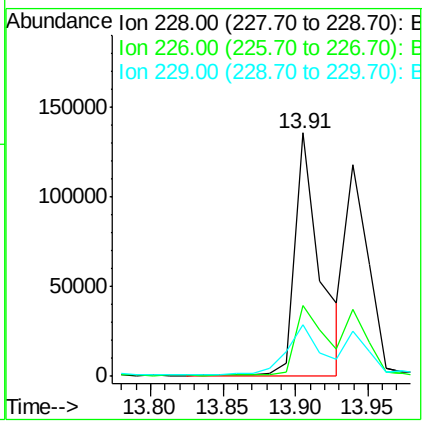


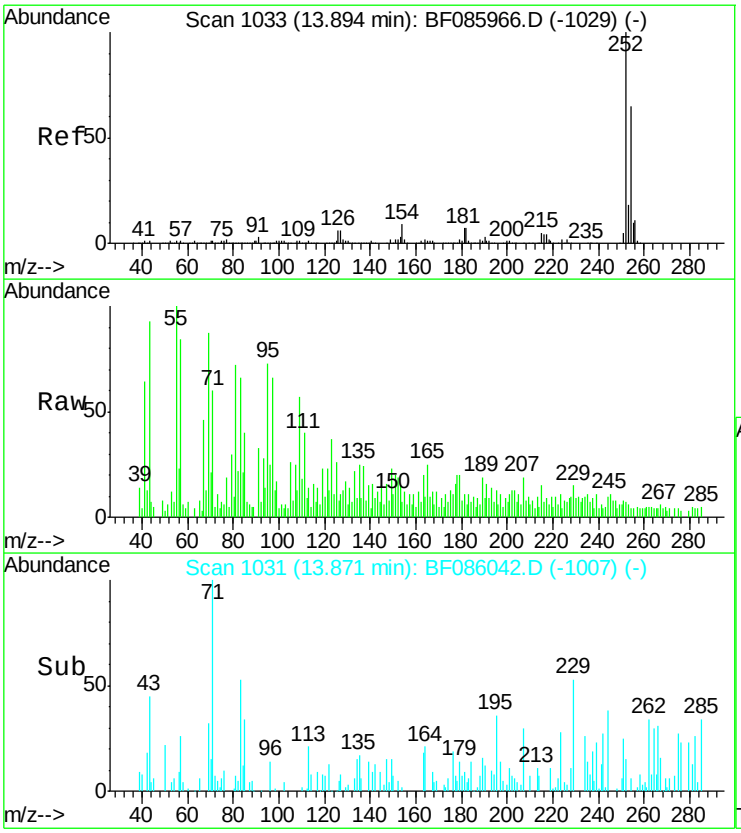
#80
Benzo(a)anthracene
Concen: 11.85 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:228 Resp: 162731

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.1	33.1
229	21.4	16.2	24.4

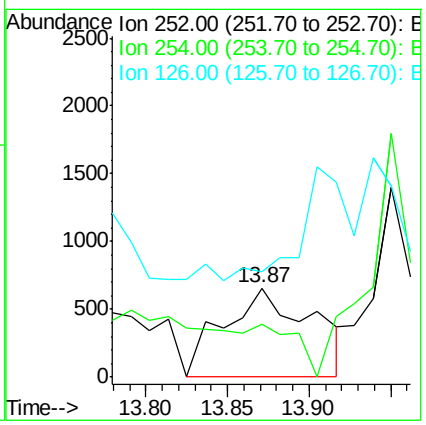


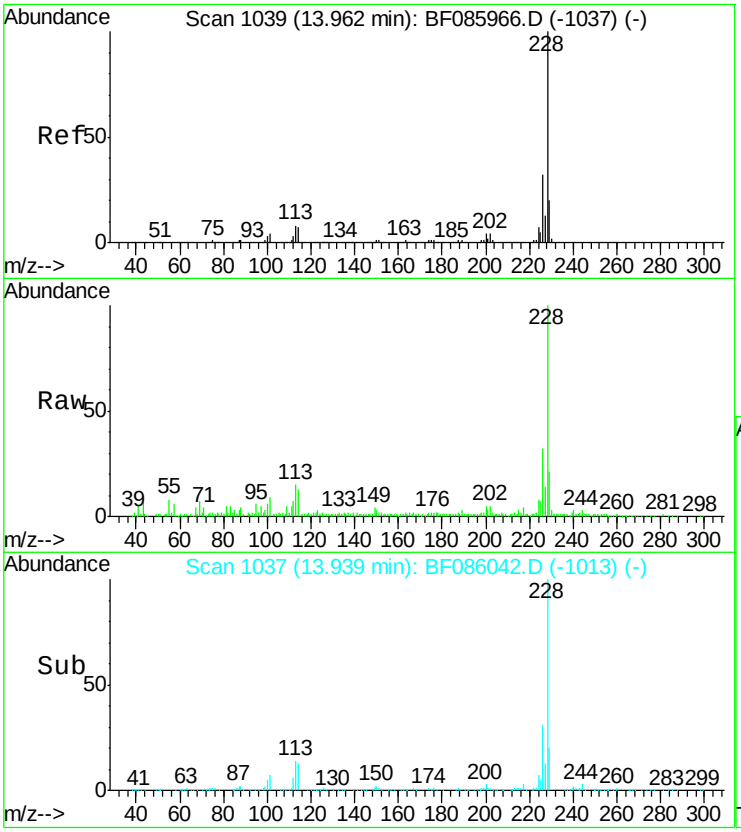


#81
3,3'-Dichlorobenzidine
Concen: 0.25 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:252 Resp: 2463

Ion	Ratio	Lower	Upper
252	100		
254	59.3	50.7	76.1
126	117.6	11.8	17.6#



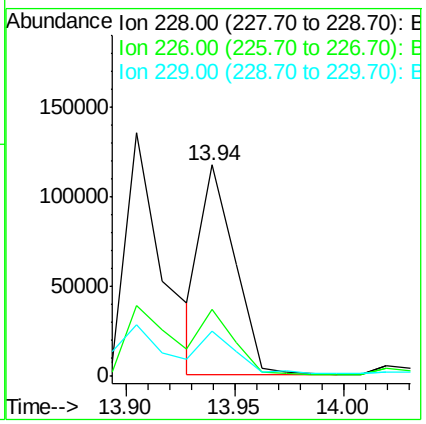


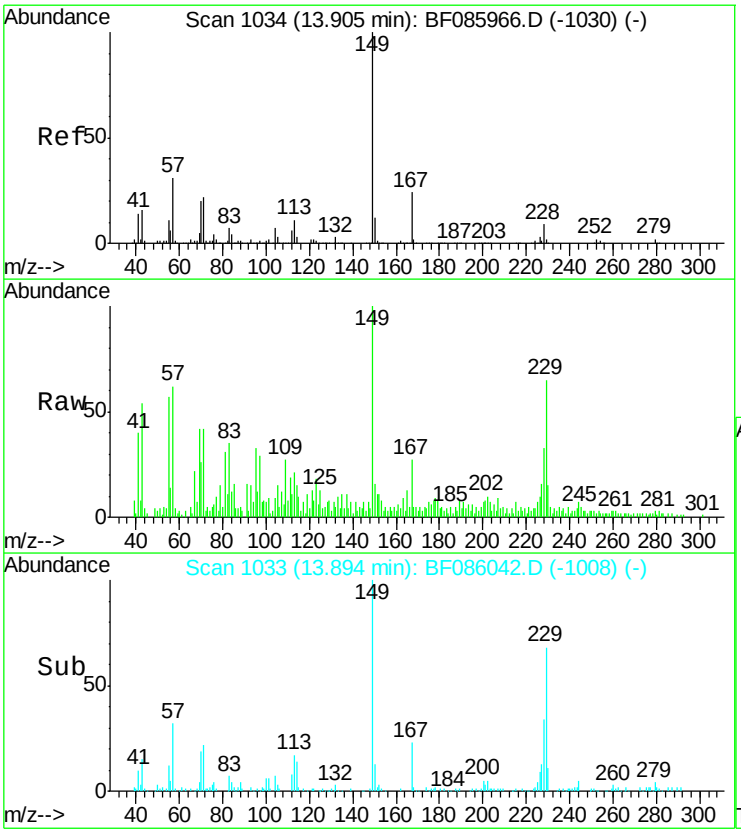
#82
Chrysene
Concen: 9.47 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:228 Resp: 125316

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	21.3	15.7	23.5

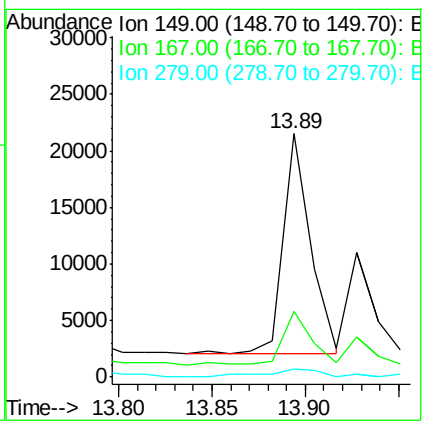


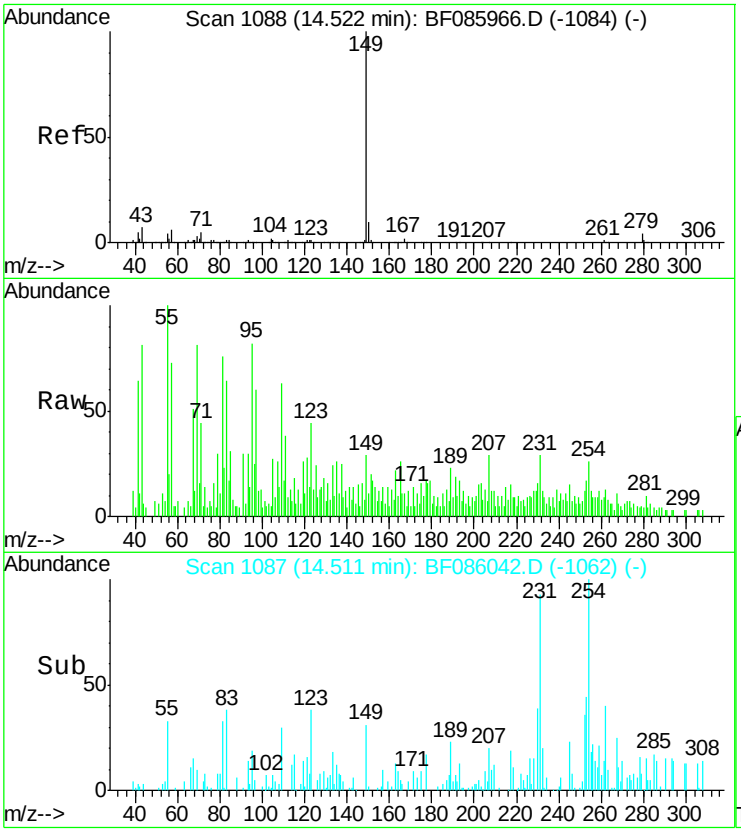


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.02 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:149 Resp: 19783

Ion	Ratio	Lower	Upper
149	100		
167	27.0	19.4	29.2
279	3.3	1.5	2.3#



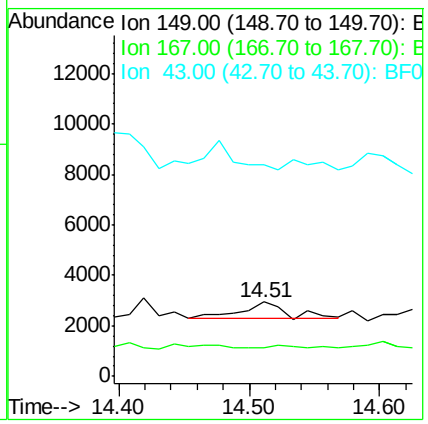


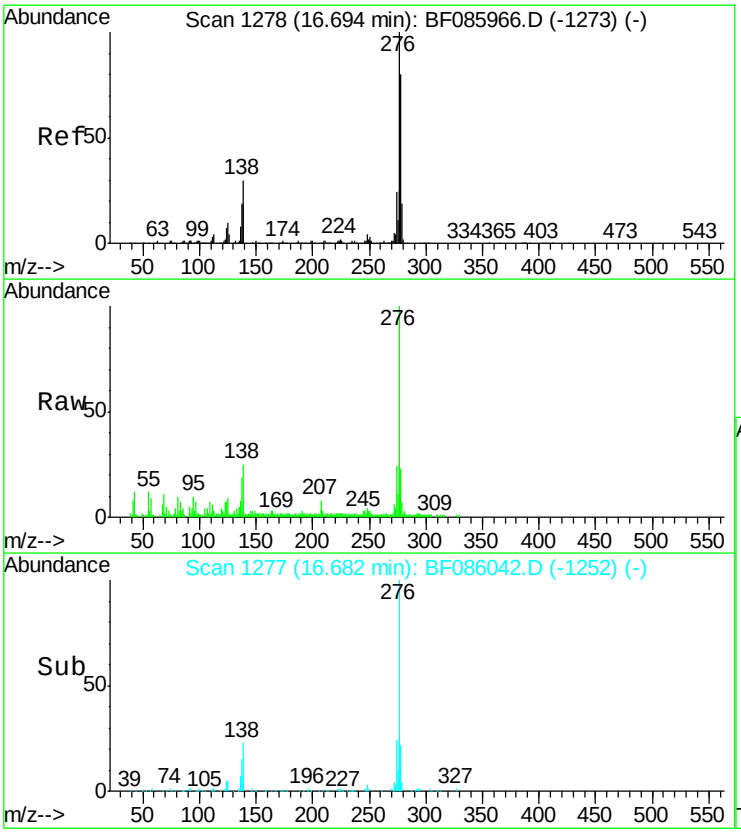
#84
Di-n-octyl phthalate
Concen: 0.11 ng
RT: 14.51 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:149 Resp: 1749

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	7.1	10.7#

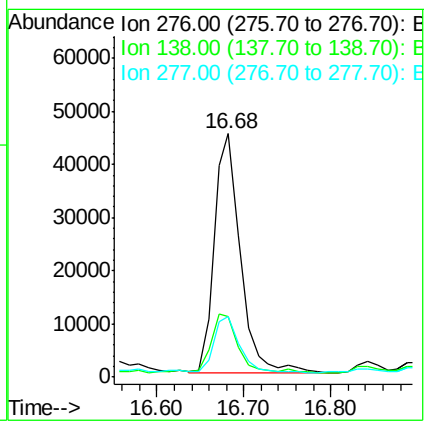


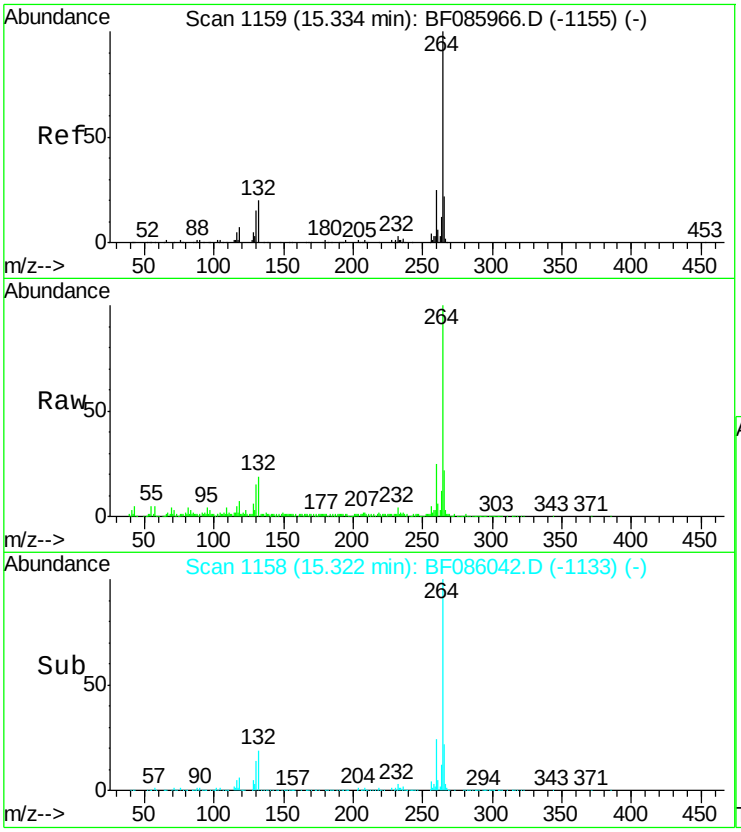


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.79 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:276 Resp: 94281

Ion	Ratio	Lower	Upper
276	100		
138	25.7	24.2	36.4
277	24.1	20.0	30.0



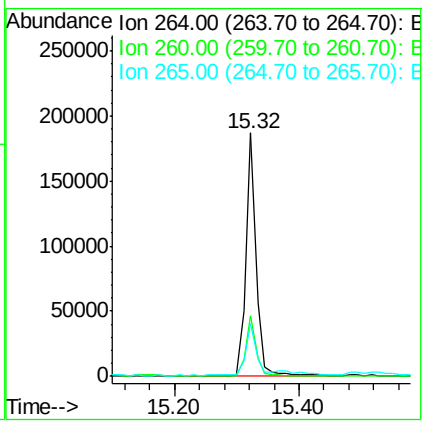


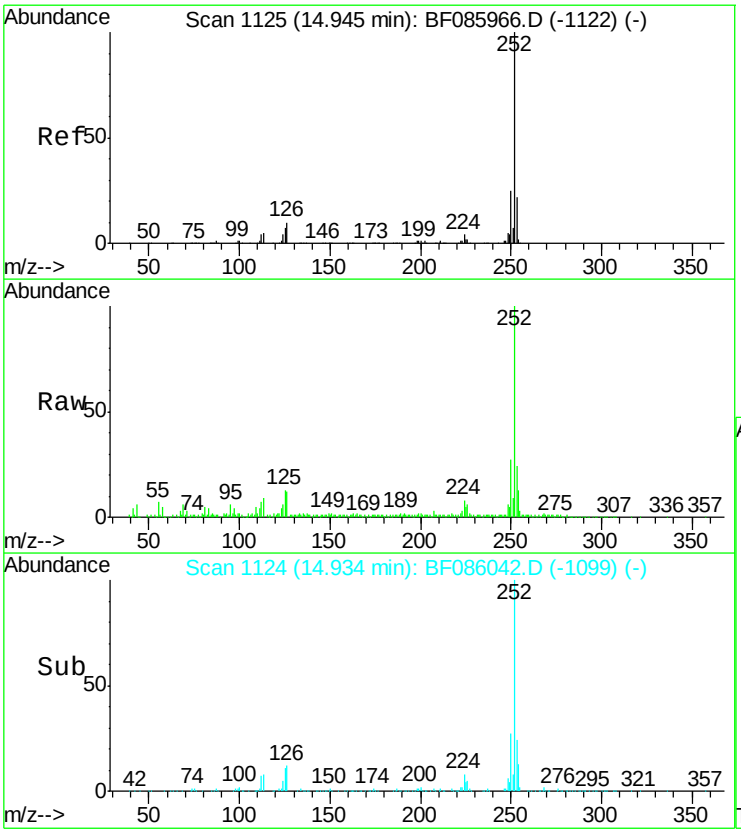
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:264 Resp: 212310

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.0	17.2	25.8

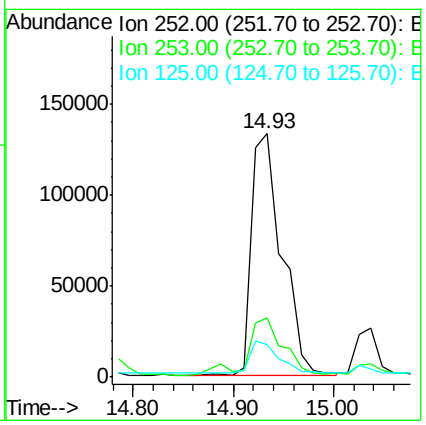


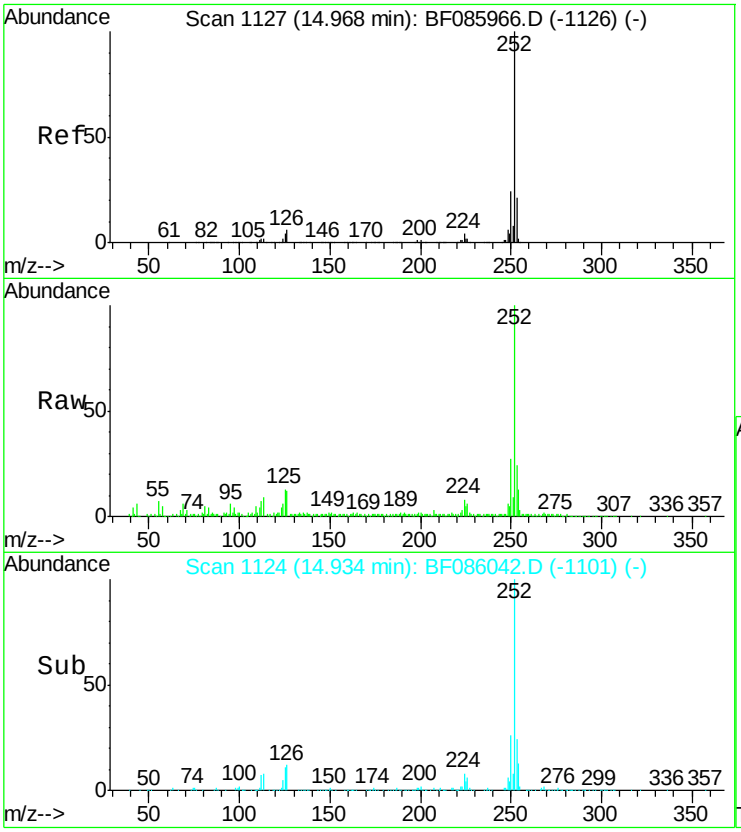


#87
Benzo(b)fluoranthene
Concen: 21.00 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:252 Resp: 280403

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	13.1	10.3	15.5



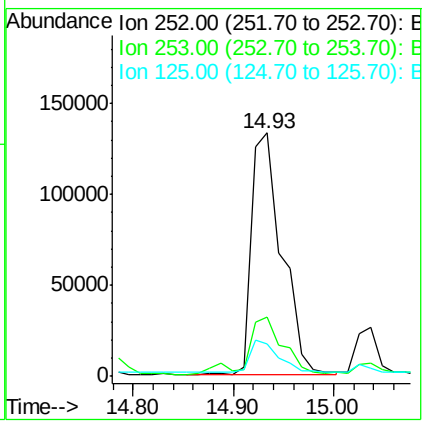


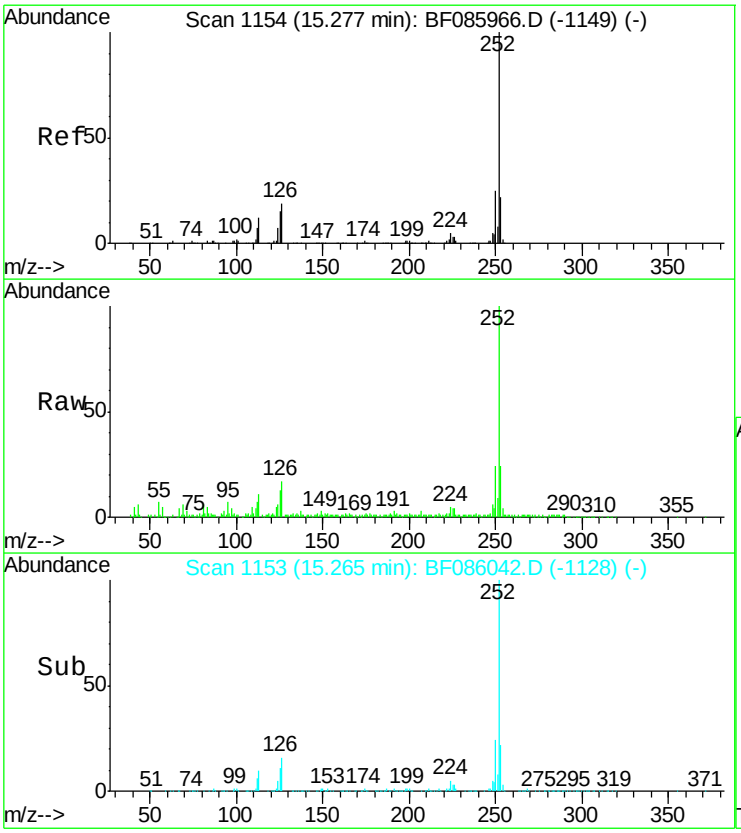
#88
Benzo(k)fluoranthene
Concen: 23.71 ng
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:252 Resp: 280403

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	13.1	7.7	11.5#

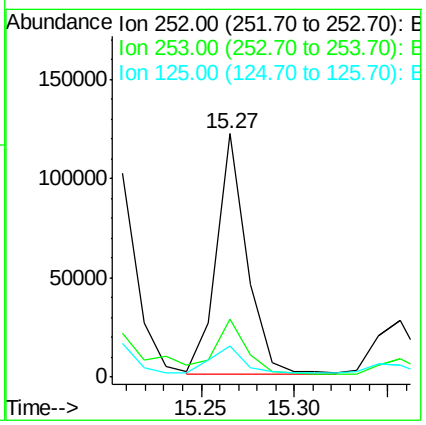


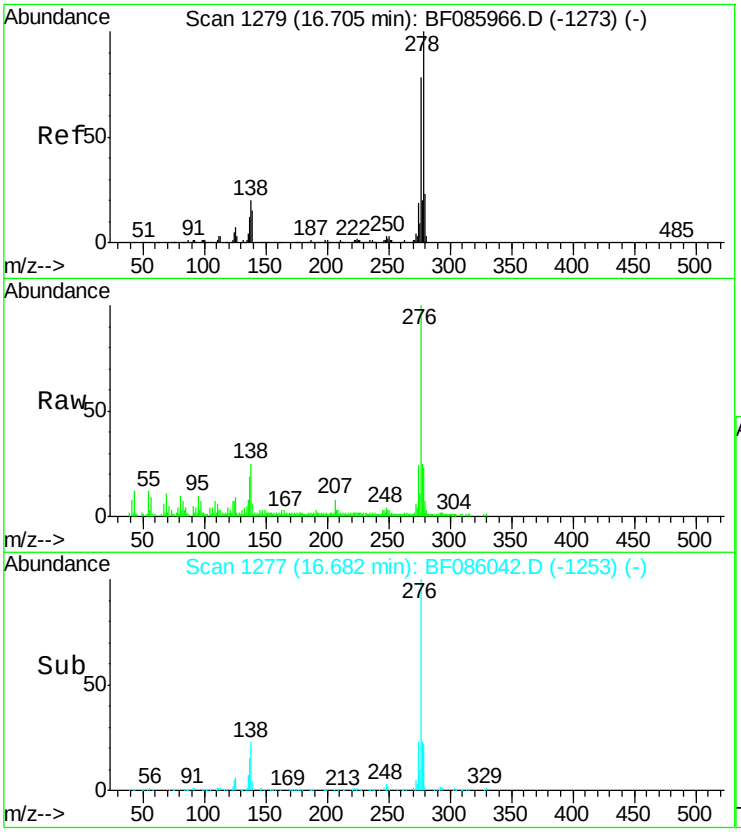


#89
Benzo(a)pyrene
Concen: 11.77 ng
RT: 15.27 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:252 Resp: 139288

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	13.0	10.3	15.5



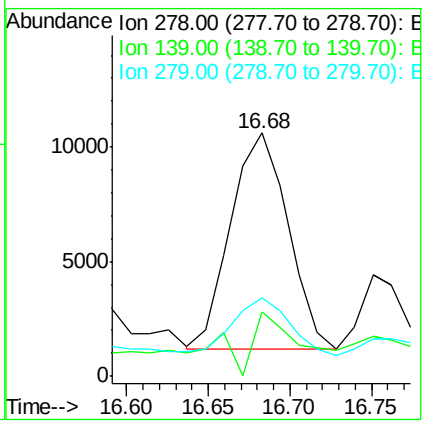


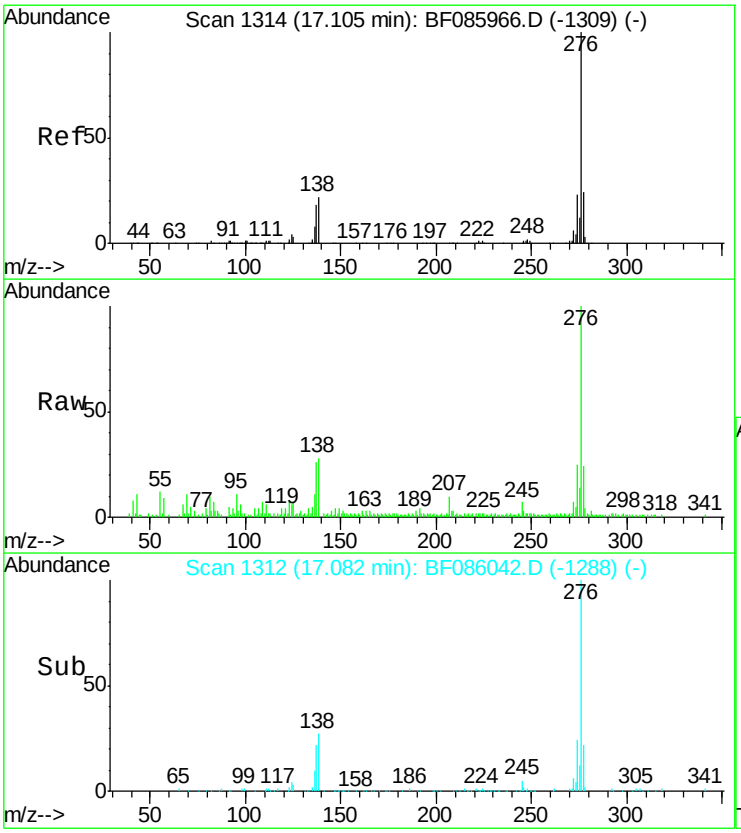
#90
Dibenzo(a,h)anthracene
Concen: 2.42 ng
RT: 16.68 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Instrument :
BNA_F
ClientSampleId :
TK2-1-20160401

Tgt Ion:278 Resp: 23027

Ion	Ratio	Lower	Upper
278	100		
139	26.6	14.4	21.6#
279	32.1	19.1	28.7#





#91
Benzo(g,h,i)perylene
Concen: 9.75 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF086042.D
Acq: 4 Apr 2016 17:07

Tgt Ion:276 Resp: 89792

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	28.1	22.6	34.0