Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\

Quantitation Report (Not Reviewed)

Data File : BF093091.D
Acq On : 22 Feb 2017 22:33
Operator : SJ/MA
Sample : I1931-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-5MS

Quant Time: Feb 22 23:59:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146498	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	583414	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	283703	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	522251	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	448961	20.00	ng		-0.02
86) Perylene-d12	15.41	264	326182	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	57527	6.74	ng		0.00
7) Phenol-d6	6.48	99	596947	54.33	ng		-0.01
23) Nitrobenzene-d5	7.41	82	971808	92.76	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	268	0.13	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1679496	107.25	ng		-0.02
78) Terphenyl-d14	12.95	244	1526559	79.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	170325	36.91	ng		85
3) Pyridine	3.17	79	481647	41.05	ng		88
4) n-Nitrosodimethylamine	3.14	42	257932	46.82	ng		85
6) Aniline	6.50	93	328506	21.92	ng	#	51
9) Benzaldehyde	6.38	77	55250	7.02	ng		97
10) Phenol	6.49	94	188304	14.65	ng		89
11) bis(2-Chloroethyl)ether	6.58	93	467798	45.59	ng		98
12) 1,3-Dichlorobenzene	6.78	146	480157	43.52	ng		99
13) 1,4-Dichlorobenzene	6.85	146	475923	42.62	ng		98
14) 1,2-Dichlorobenzene	7.01	146	468782	43.90	ng		97
15) Benzyl Alcohol	6.99	79	350545	43.10	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	784899	44.03	ng		95
17) 2-Methylphenol	7.12	107	237767	29.42	ng		93
18) Hexachloroethane	7.36	117	168772	44.27	ng		91
19) n-Nitroso-di-n-propylamine	7.26	70	351783	50.30	ng		96
20) 3+4-Methylphenols	7.26	107	210111	21.74	ng		94
22) Acetophenone	7.25	105	580743	43.60	ng	#	99
24) Nitrobenzene	7.42	77	468733	43.57	ng		96
25) Isophorone	7.66	82	863748	44.24	ng		95
26) 2-Nitrophenol	7.66	139	13931	2.72	ng	#	57
27) 2,4-Dimethylphenol	7.79	122	315479	35.13	ng		95
28) bis(2-Chloroethoxy)methane	7.88	93	590582	45.68	ng		100
30) 1,2,4-Trichlorobenzene	8.06	180	390209	43.23	ng		94
31) Naphthalene	8.14	128	1202313	40.65	ng		99
32) Benzoic acid	7.79	122	315479	59.91	ng	#	11
33) 4-Chloroaniline	8.20	127	294326	25.38	ng		100
34) Hexachlorobutadiene	8.26	225	202911	40.86	ng		99
35) Caprolactam	8.54	113	98655	37.45	ng	#	56
36) 4-Chloro-3-methylphenol	8.69	107	72080	8.25	ng		86
37) 2-Methylnaphthalene	8.84	142	871224	45.88	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	358777	45.05	ng		99
40) Hexachlorocyclopentadiene	8.99	237	272175	75.75	ng		97
45) 1,1'-Biphenyl	9.30	154	941626	45.84	ng		97
46) 2-Chloronaphthalene	9.32	162	769817	47.90	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\

Quantitation Report (Not Reviewed)

Data File : BF093091.D
Acq On : 22 Feb 2017 22:33
Operator : SJ/MA
Sample : I1931-07MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-5MS

Quant Time: Feb 22 23:59:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.42	65	253810	46.97	ng		98
48) Acenaphthylene	9.74	152	1258609	45.34	ng		98
49) Dimethylphthalate	9.61	163	1156684	60.53	ng		100
50) 2,6-Dinitrotoluene	9.66	165	199247	48.28	ng	#	70
51) Acenaphthene	9.90	154	723239	43.57	ng		96
52) 3-Nitroaniline	9.84	138	182586	38.66	ng		99
54) Dibenzofuran	10.08	168	1065553	48.00	ng		99
55) 4-Nitrophenol	10.08	139	381742	112.23	ng	#	6
56) 2,4-Dinitrotoluene	10.06	165	249536	45.42	ng	#	88
57) Fluorene	10.42	166	746939	43.73	ng		98
59) Diethylphthalate	10.29	149	824530	45.79	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	389555	47.48	ng	#	75
61) 4-Nitroaniline	10.45	138	246600	50.98	ng	#	75
62) Azobenzene	10.57	77	996810	53.58	ng		94
65) n-Nitrosodiphenylamine	10.53	169	704236	42.21	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	215993	39.59	ng		91
67) Hexachlorobenzene	10.97	284	218103	40.45	ng	#	86
68) Atrazine	11.06	200	226802	42.36	ng		98
70) Phenanthrene	11.38	178	1153743	38.56	ng		99
71) Anthracene	11.44	178	1355728	45.12	ng		98
72) Carbazole	11.60	167	1220344	42.49	ng	#	97
73) Di-n-butylphthalate	11.92	149	1870164	60.21	ng	#	98
74) Fluoranthene	12.57	202	1197126	38.79	ng		99
76) Benzidine	12.69	184	181204	9.47	ng		96
77) Pyrene	12.80	202	1247043	37.12	ng		99
79) Butylbenzylphthalate	13.41	149	604602	44.31	ng		92
80) Benzo(a)anthracene	13.99	228	1101003	40.10	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	270403	27.63	ng	#	95
82) Chrysene	14.02	228	869794	33.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.97	149	832188	44.60	ng	#	96
84) Di-n-octyl phthalate	14.58	149	1382195	45.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	752472	37.79	ng	#	93
87) Benzo(b)fluoranthene	15.04	252	1793699	83.55	ng		98
88) Benzo(k)fluoranthene	15.04	252	1793699	96.76	ng	#	97
89) Benzo(a)pyrene	15.36	252	822344	44.28	ng	#	96
90) Dibenzo(a,h)anthracene	16.82	278	627300	41.79	ng		96
91) Benzo(g,h,i)perylene	17.23	276	635108	41.89	ng	#	91

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022217\

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Data File : BF093091.D
Acq On : 22 Feb 2017 22:33
Operator : SJ/MA
Sample : I1931-07MS
Misc :
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Instrument :
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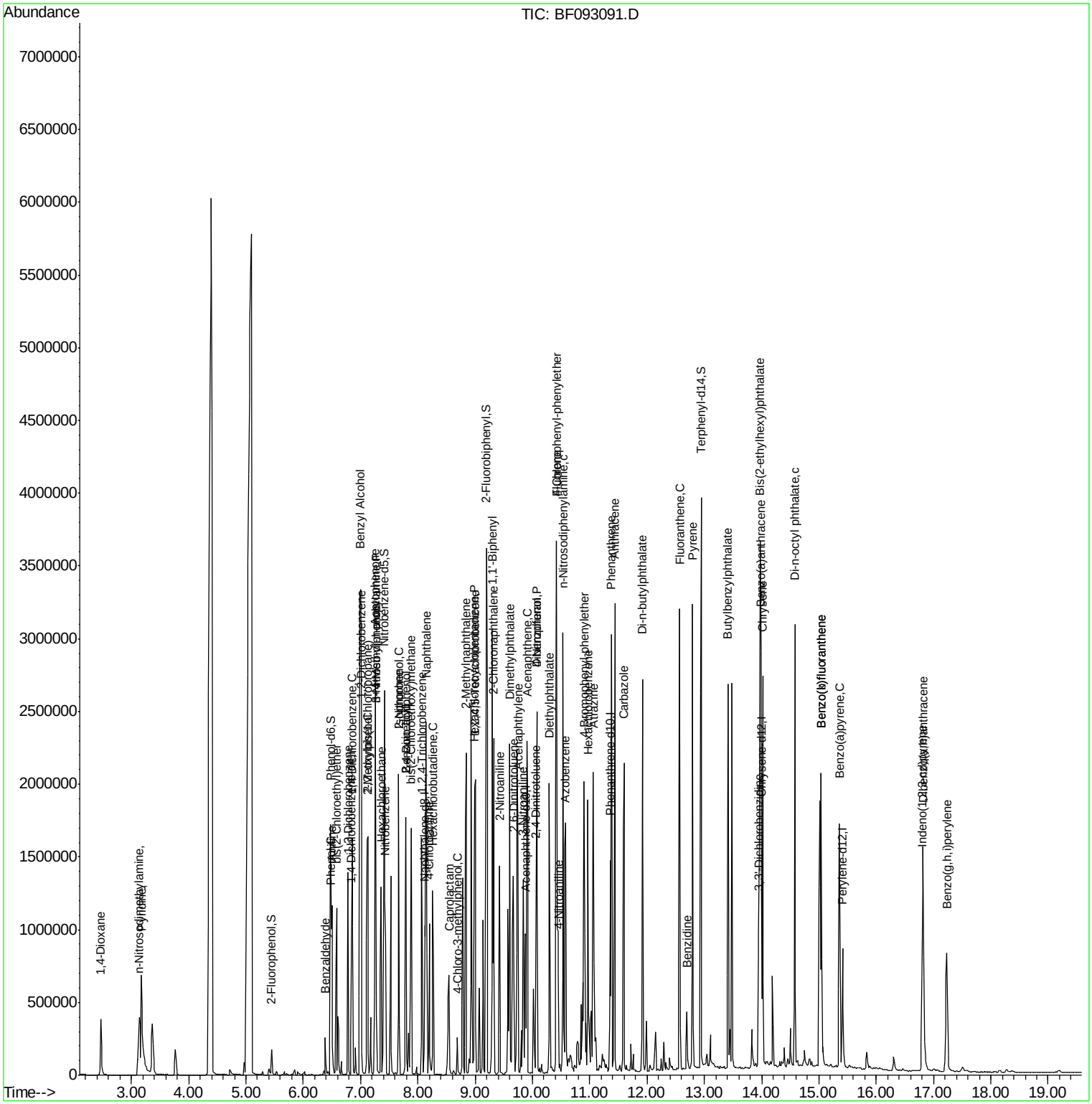
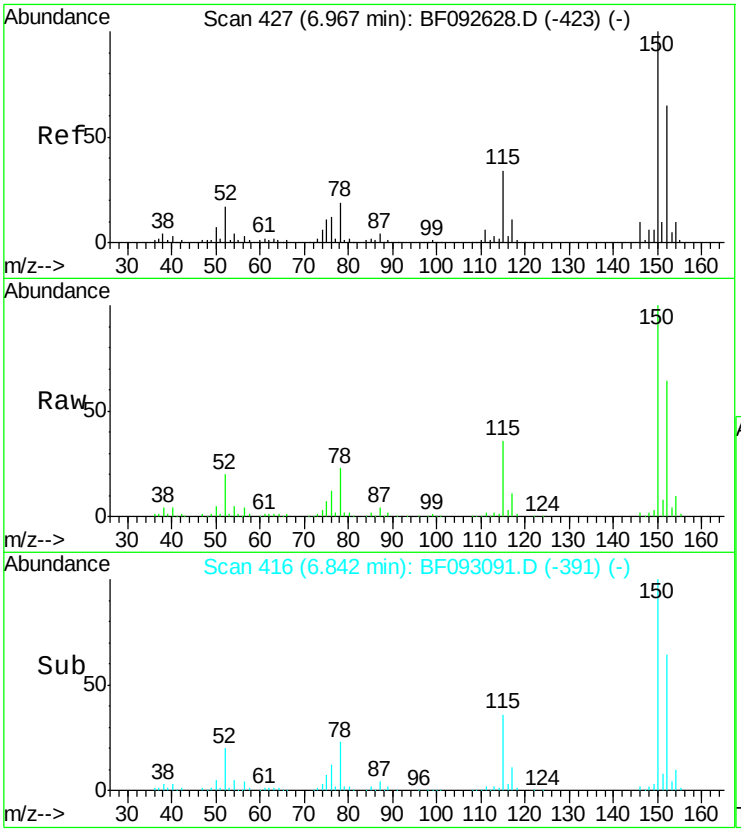
Quant Time: Feb 22 23:59:15 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



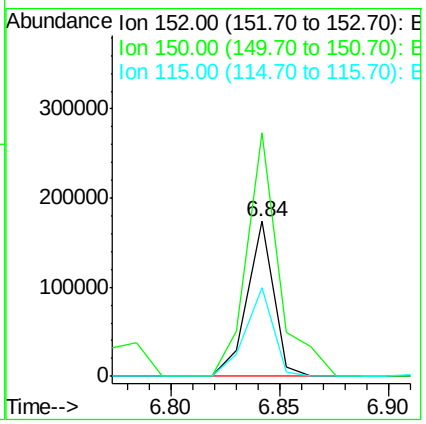


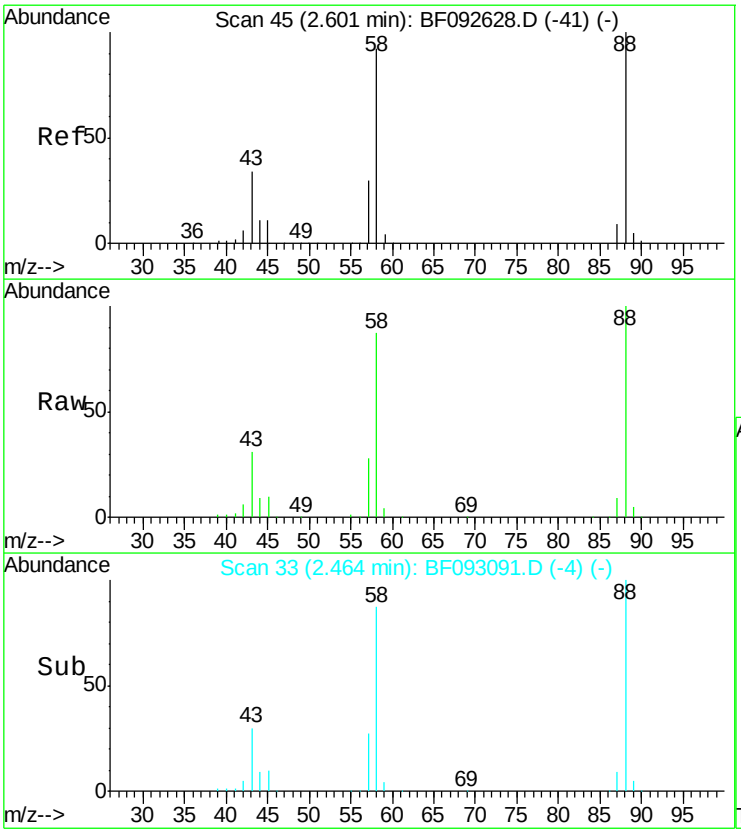
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:152 Resp: 146498

Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.9	187.3
115	57.3	46.0	69.0

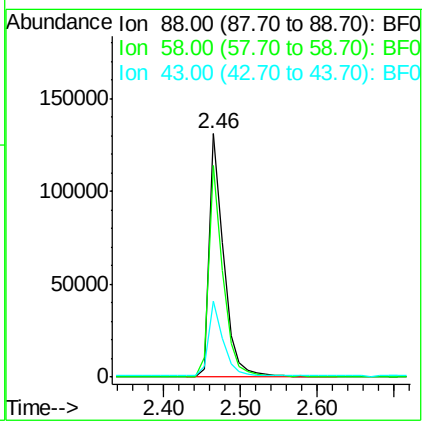


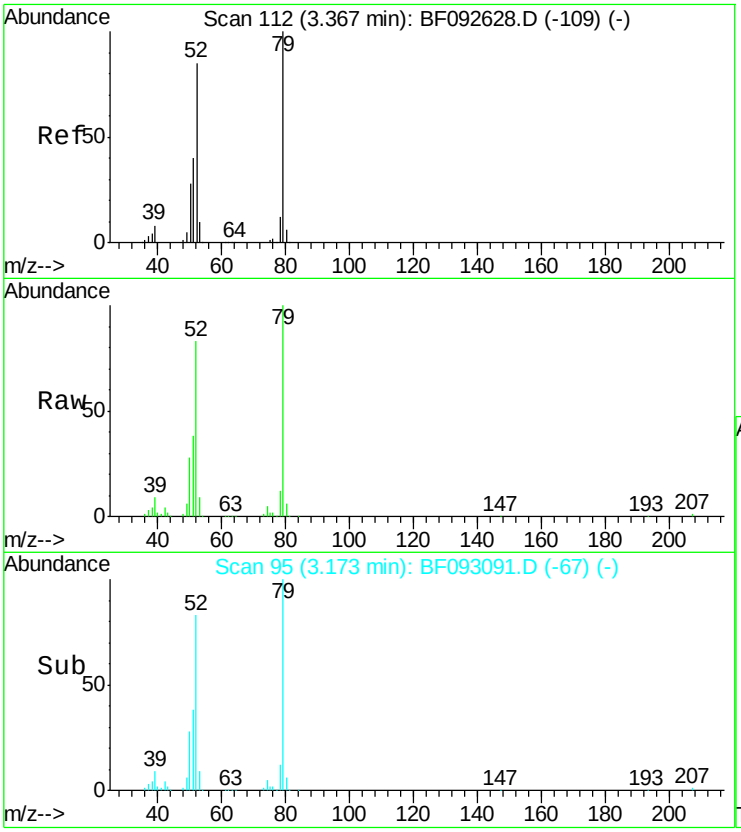


#2
1,4-Dioxane
Concen: 36.91 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.03 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 88 Resp: 170325

Ion	Ratio	Lower	Upper
88	100		
58	86.8	57.8	86.8
43	32.1	22.3	33.5



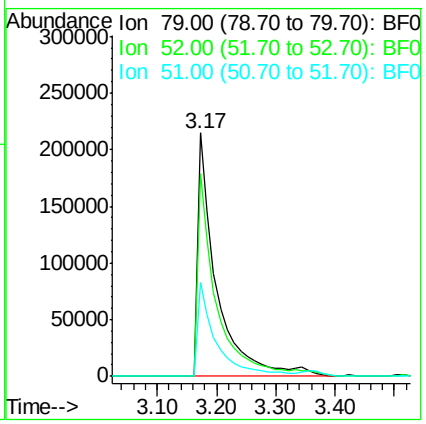


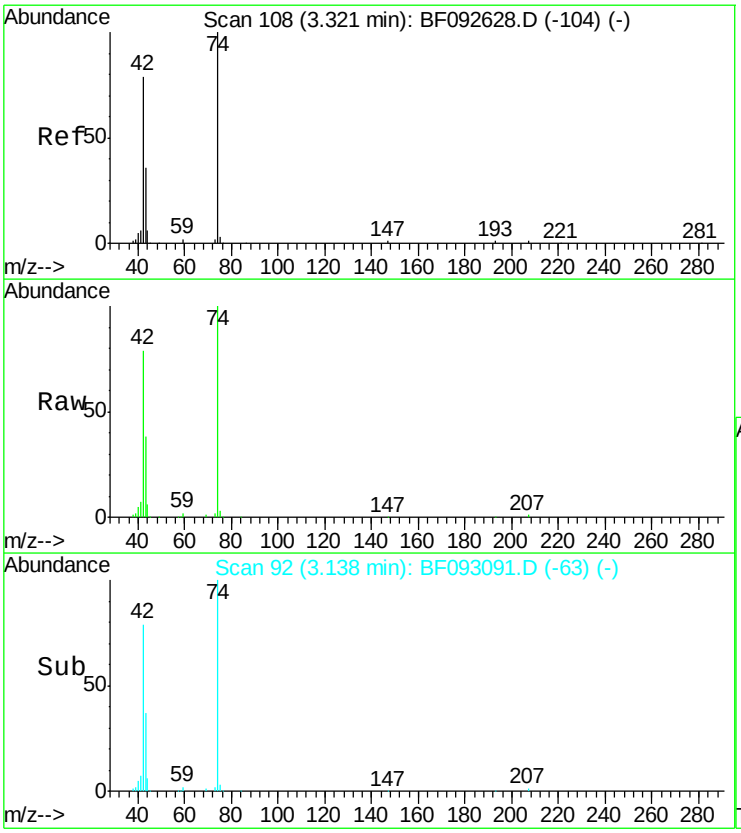
#3
Pyridine
Concen: 41.05 ng
RT: 3.17 min Scan# 95
Delta R.T. 0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 79 Resp: 481647

Ion	Ratio	Lower	Upper
79	100		
52	83.1	57.1	85.7
51	38.5	27.3	40.9

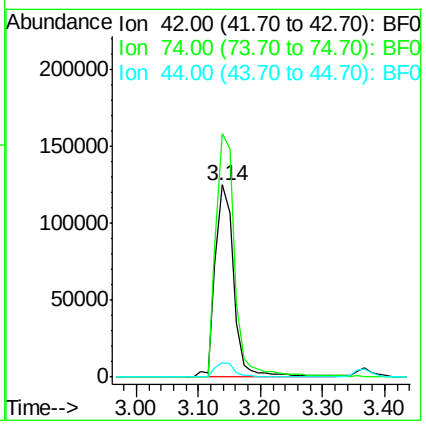


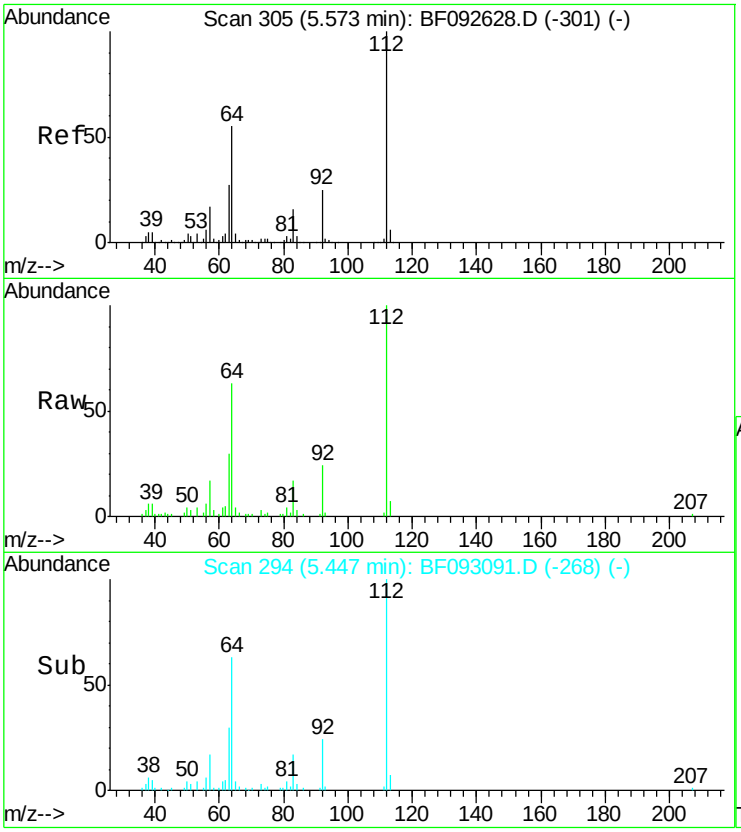


#4
n-Nitrosodimethylamine
Concen: 46.82 ng
RT: 3.14 min Scan# 92
Delta R.T. 0.03 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 42 Resp: 257932

Ion	Ratio	Lower	Upper
42	100		
74	126.7	117.0	175.4
44	7.7	5.5	8.3



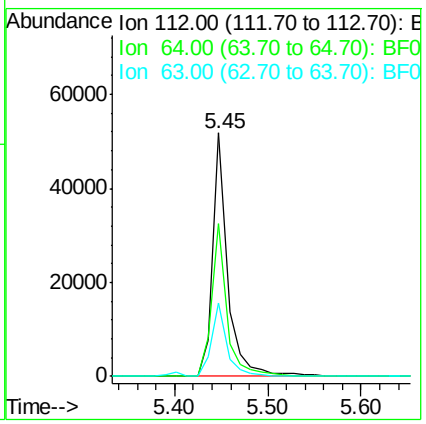


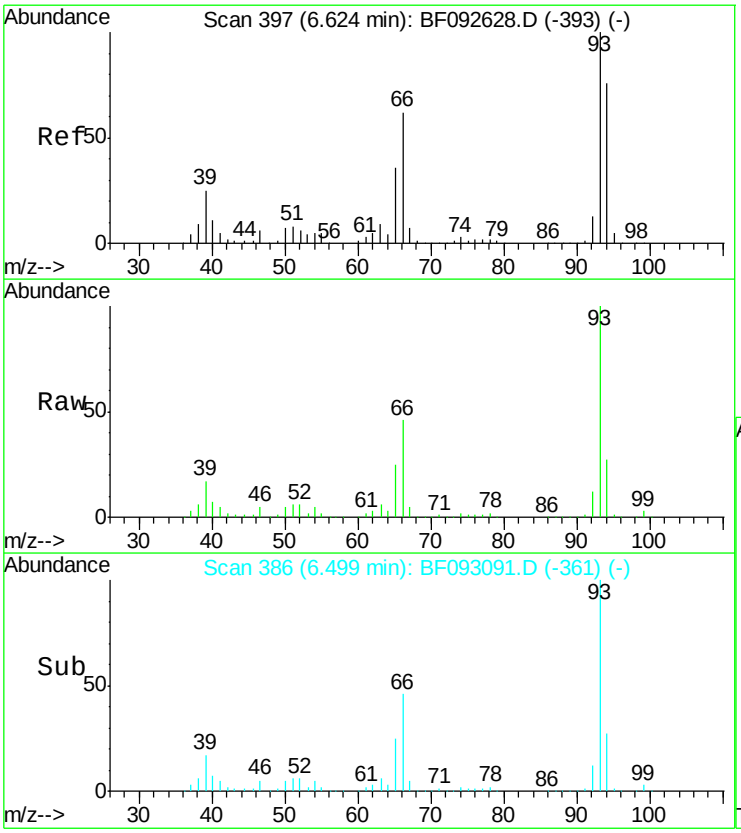
#5
2-Fluorophenol
Concen: 6.74 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.00 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:112 Resp: 57527

Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.1	69.1
63	30.3	23.8	35.6

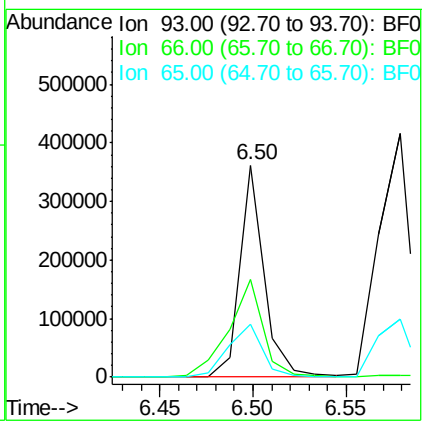


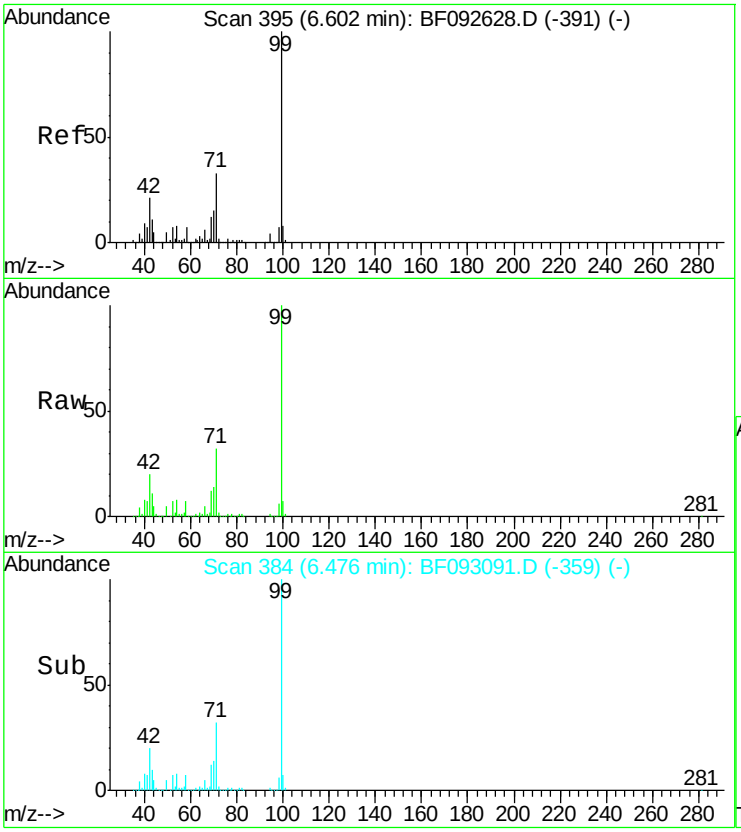


#6
Aniline
Concen: 21.92 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 93 Resp: 328506

Ion	Ratio	Lower	Upper
93	100		
66	46.3	76.2	114.2#
65	25.0	49.3	73.9#



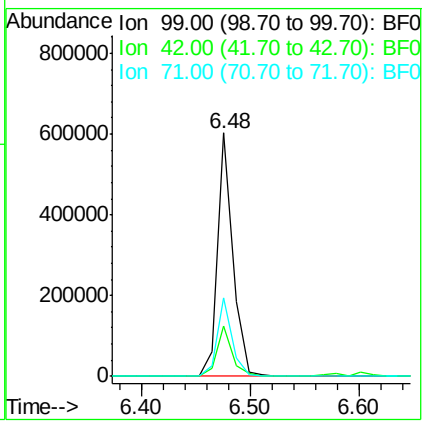


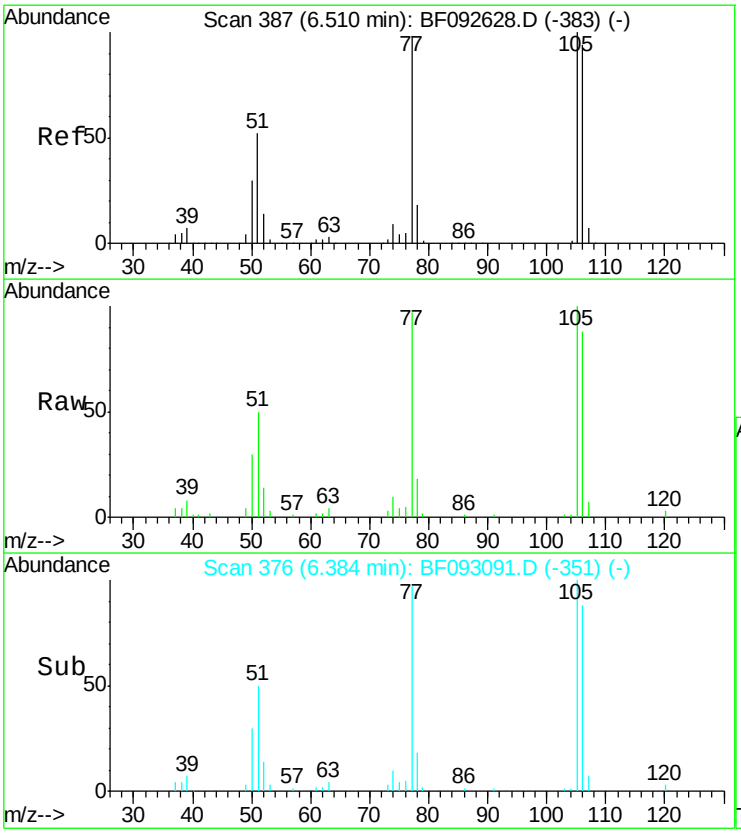
#7
Phenol-d6
Concen: 54.33 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 99 Resp: 596947

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.6	23.4
71	32.0	27.5	41.3

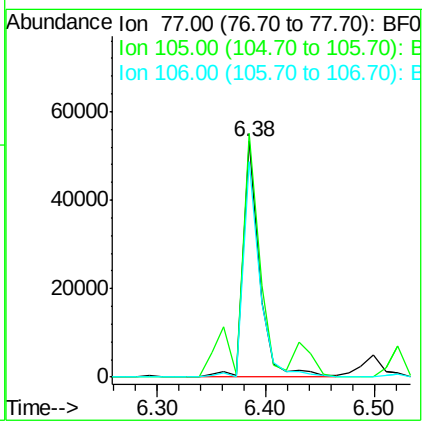


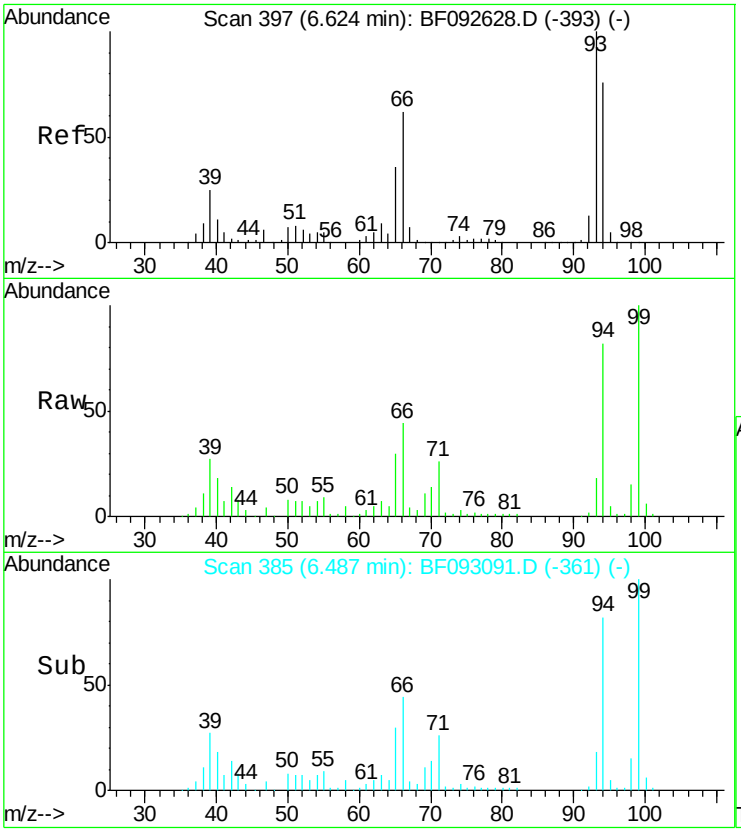


#9
Benzaldehyde
Concen: 7.02 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 77 Resp: 55250

Ion	Ratio	Lower	Upper
77	100		
105	103.3	83.9	123.9
106	91.2	77.6	117.6



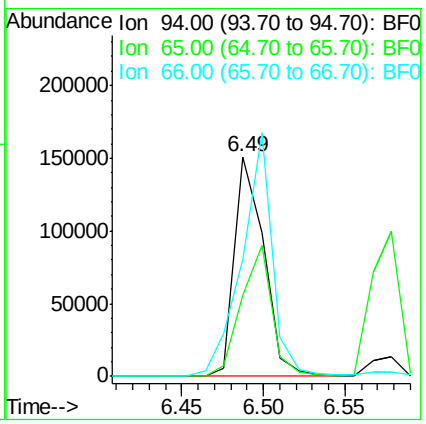


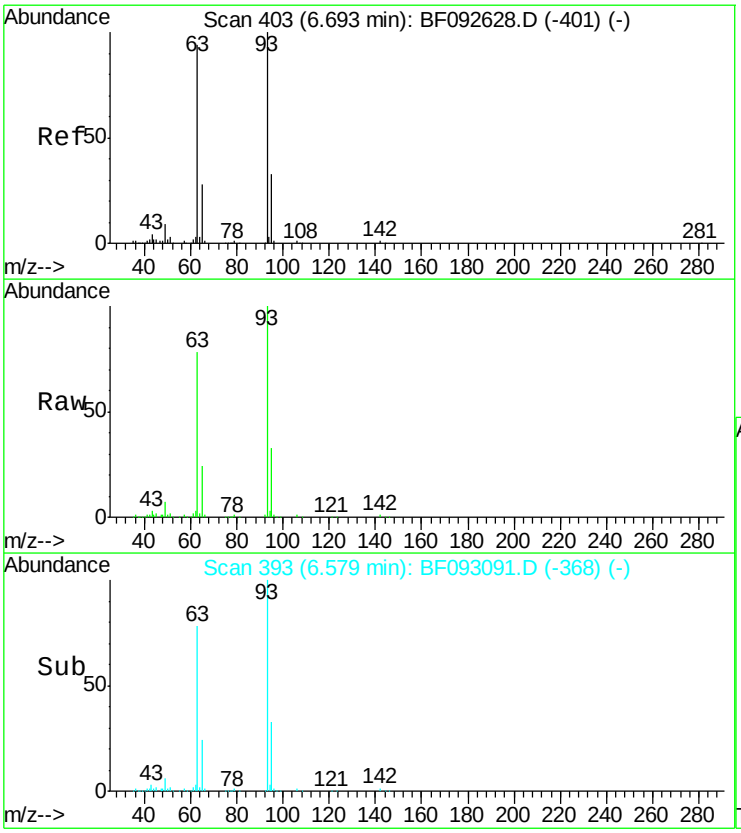
#10
Phenol
Concen: 14.65 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 94 Resp: 188304

Ion	Ratio	Lower	Upper
94	100		
65	36.6	21.4	61.4
66	53.3	44.0	84.0

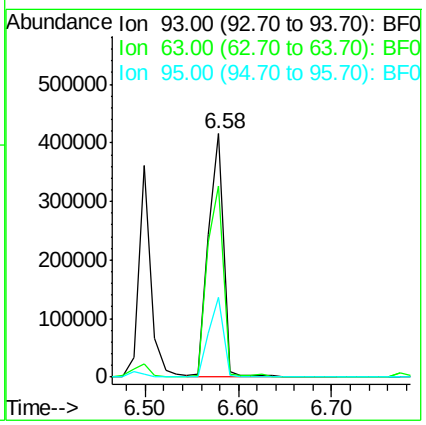


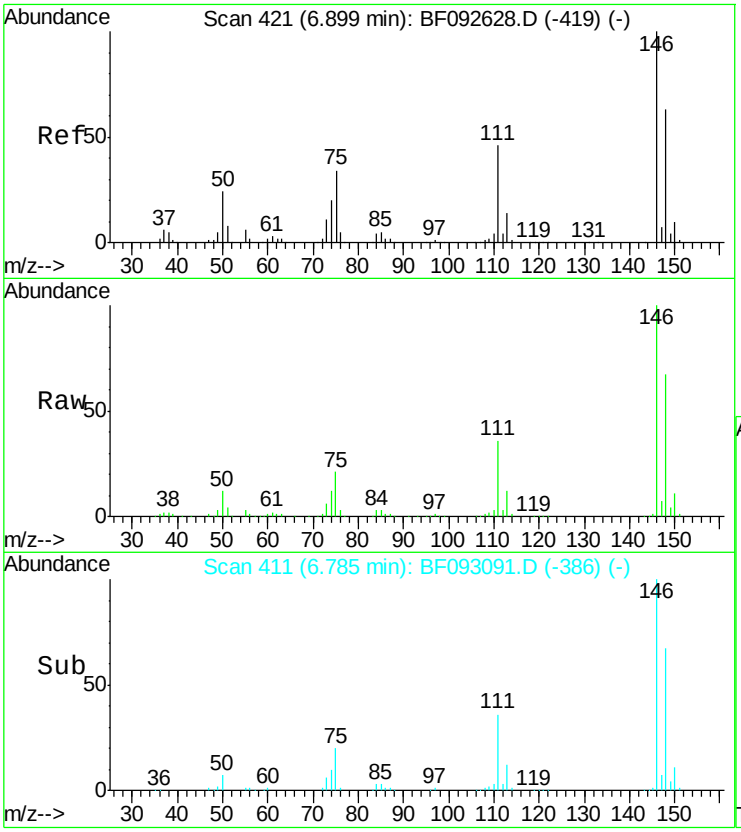


#11
bis(2-Chloroethyl)ether
Concen: 45.59 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 93 Resp: 467798

Ion	Ratio	Lower	Upper
93	100		
63	78.3	60.4	100.4
95	33.0	12.8	52.8



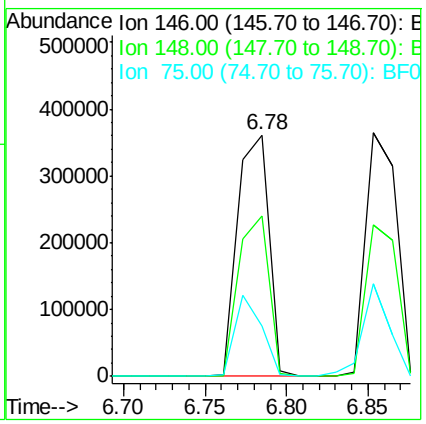


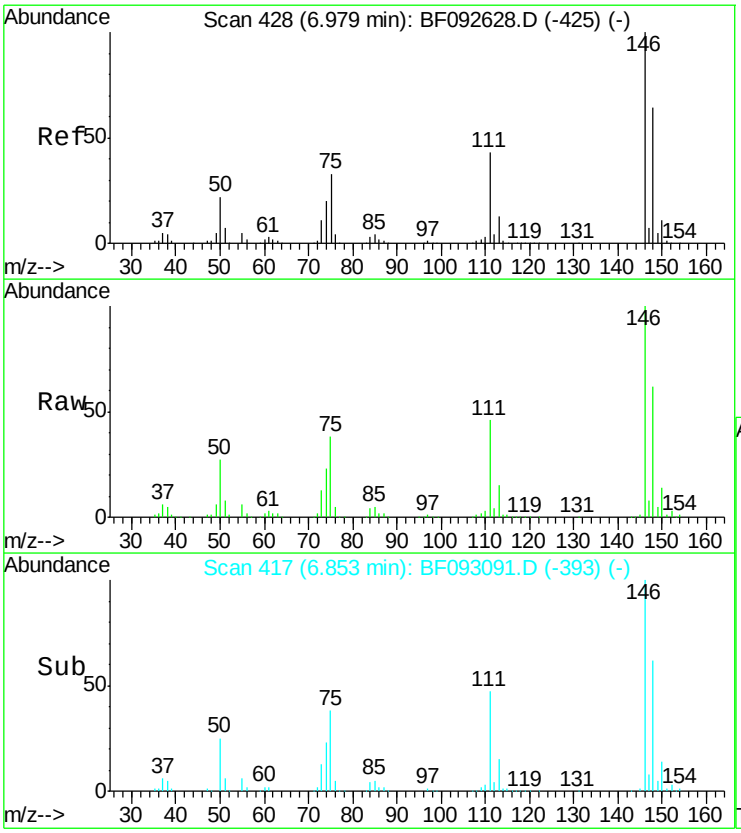
#12
1,3-Dichlorobenzene
Concen: 43.52 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:146 Resp: 480157

Ion	Ratio	Lower	Upper
146	100		
148	66.5	53.4	80.0
75	21.0	18.5	27.7

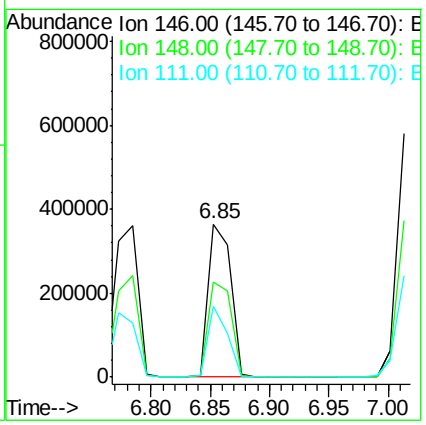


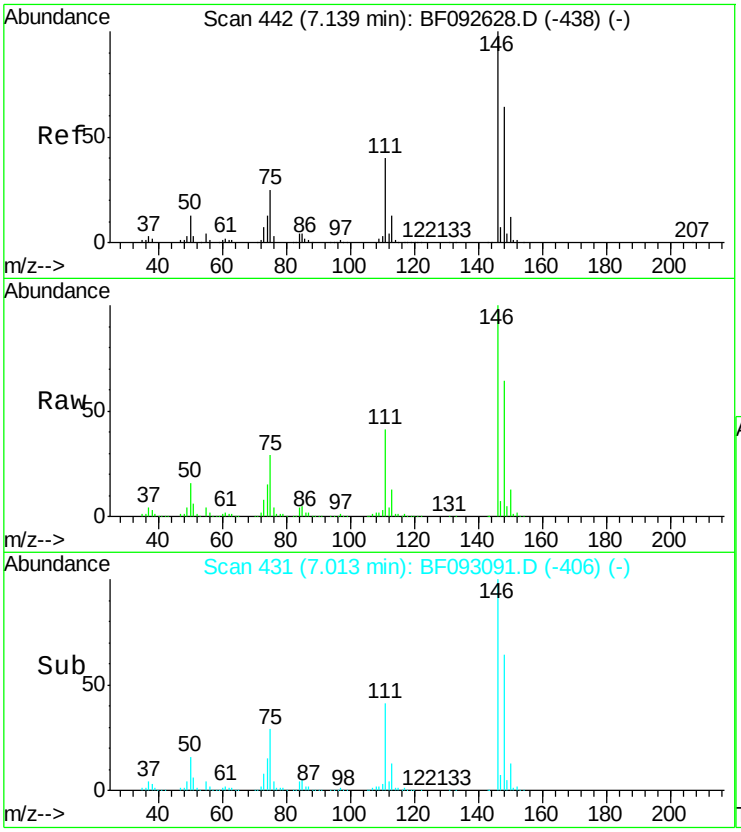


#13
1,4-Dichlorobenzene
Concen: 42.62 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:146 Resp: 475923

Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	76.0
111	46.5	36.2	54.4



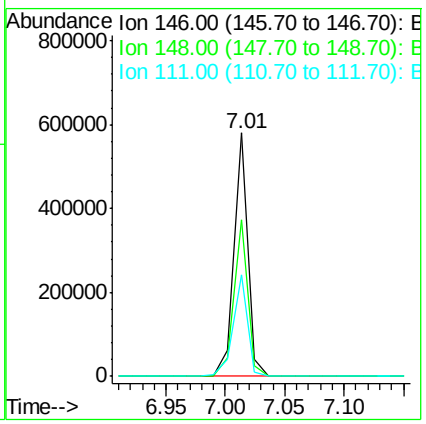


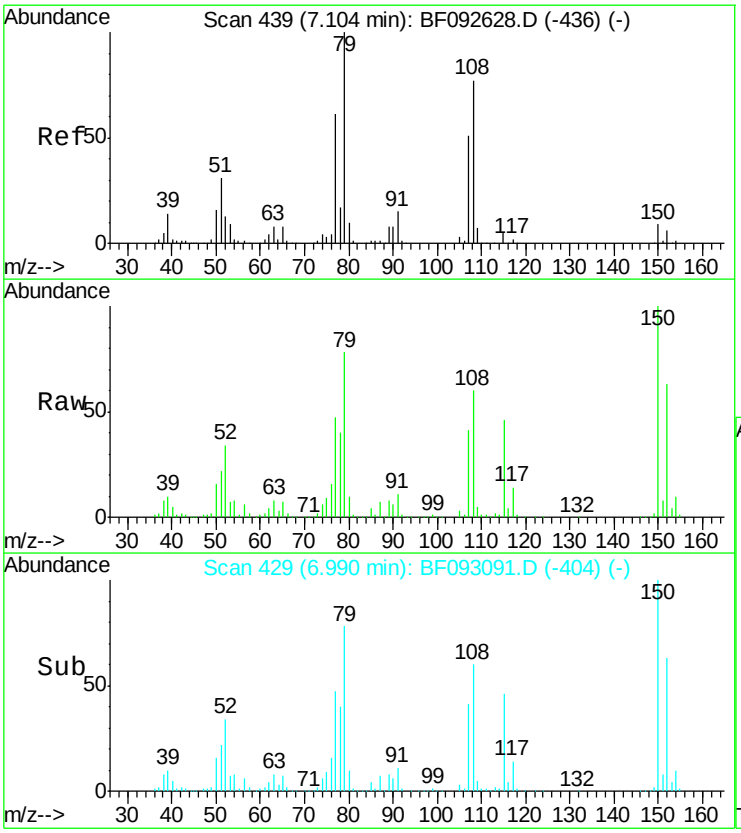
#14
1,2-Dichlorobenzene
Concen: 43.90 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:146 Resp: 468782

Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	41.5	36.2	54.2

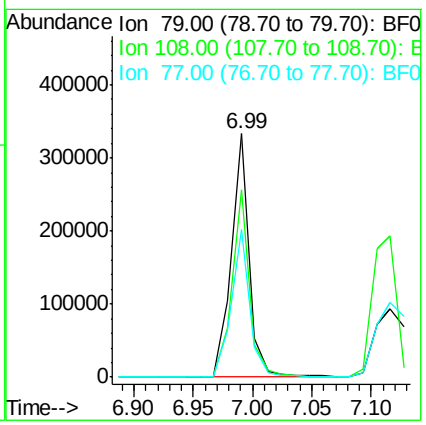


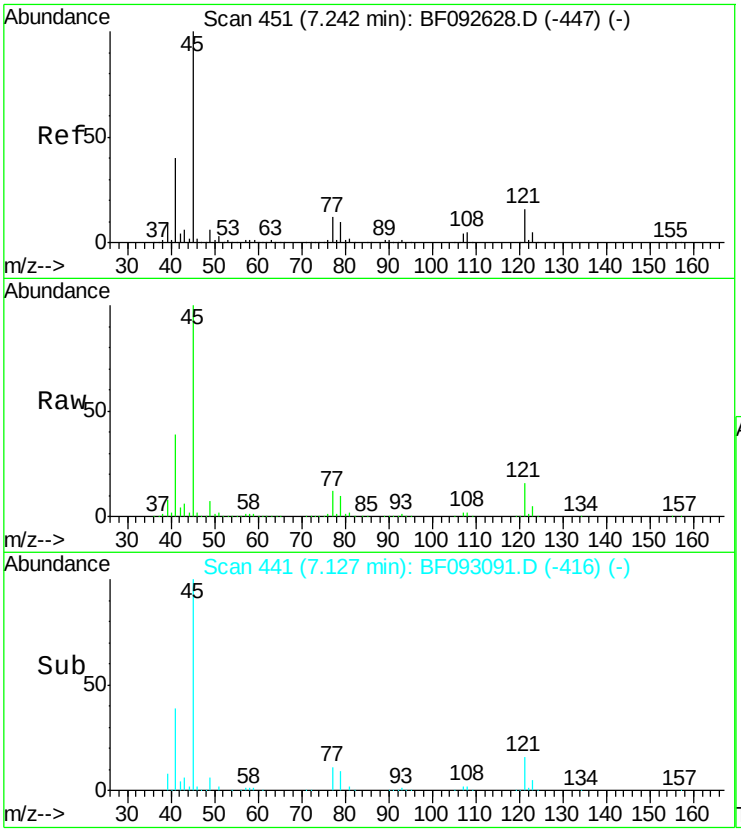


#15
Benzyl Alcohol
Concen: 43.10 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 79 Resp: 350545

Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.4	92.0
77	60.4	50.9	76.3



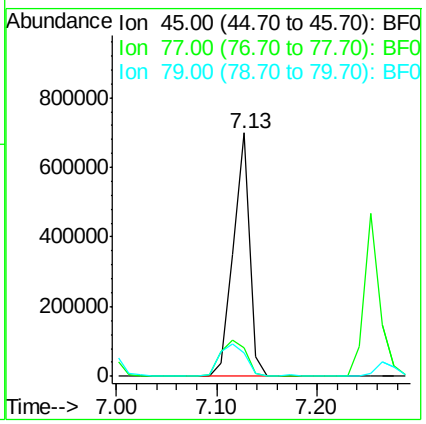


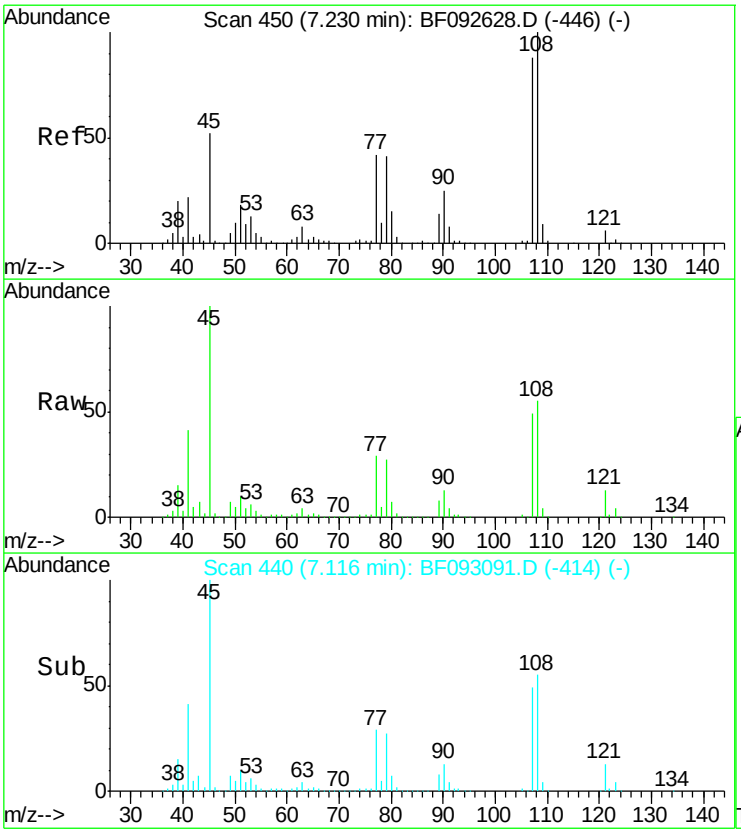
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.03 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 45 Resp: 784899

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	34.6
79	9.8	0.0	31.2

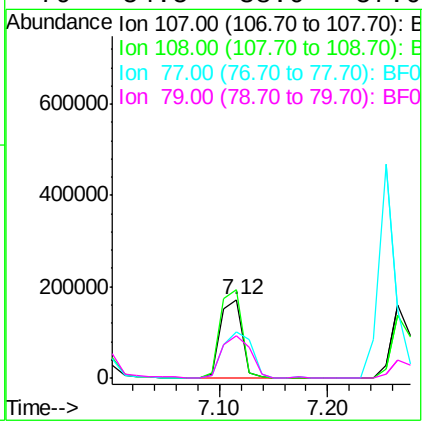


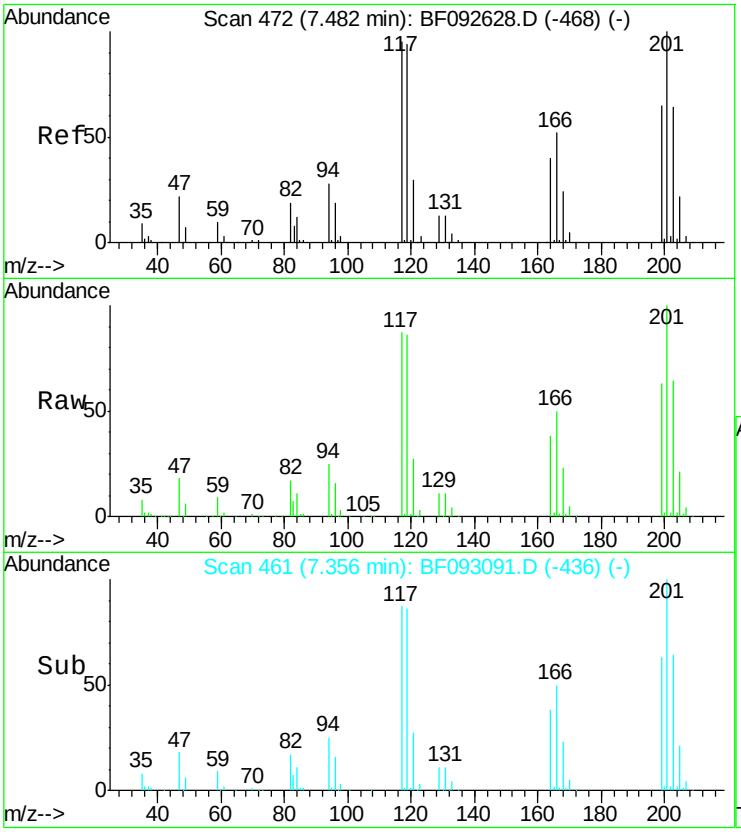


#17
2-Methylphenol
Concen: 29.42 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:107 Resp: 237767

Ion	Ratio	Lower	Upper
107	100		
108	112.5	93.0	139.6
77	59.4	39.8	59.8
79	54.5	38.0	57.0



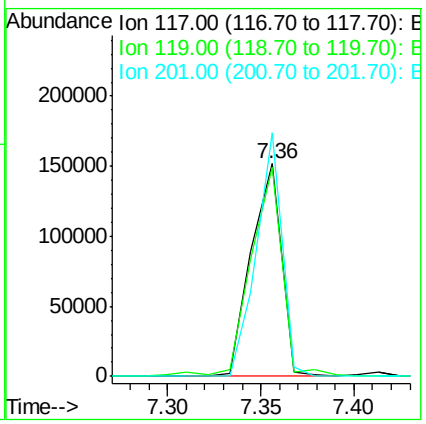


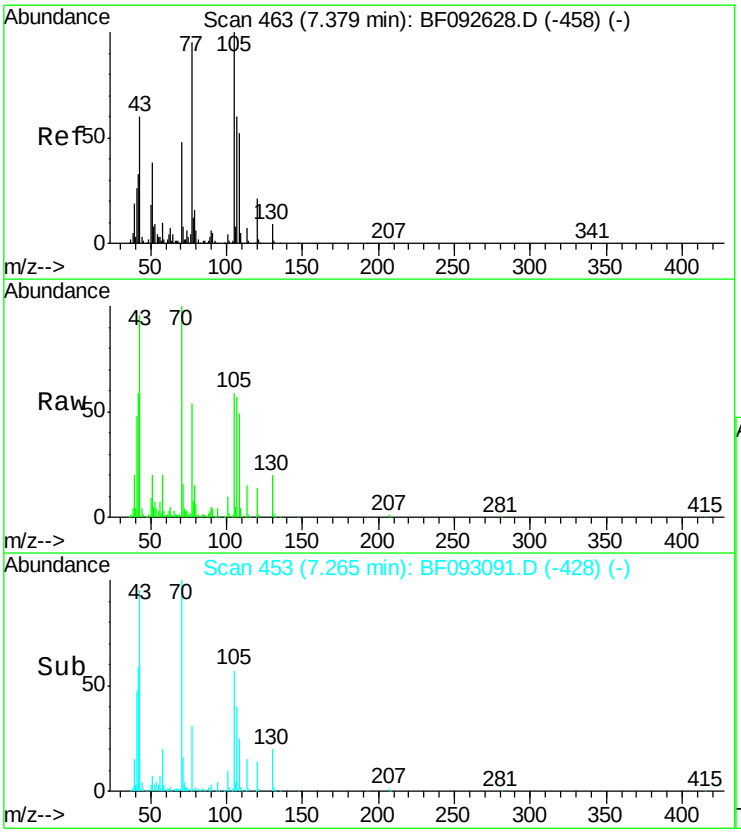
#18
Hexachloroethane
Concen: 44.27 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:117 Resp: 168772

Ion	Ratio	Lower	Upper
117	100		
119	98.4	78.1	117.1
201	114.6	78.6	117.8

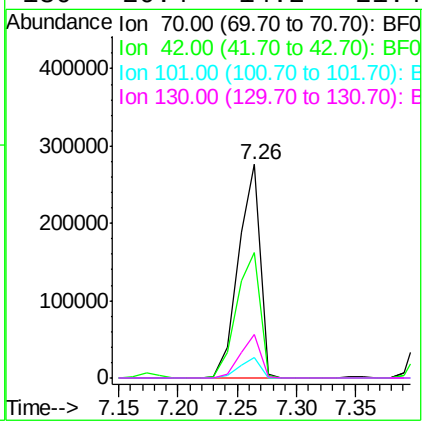


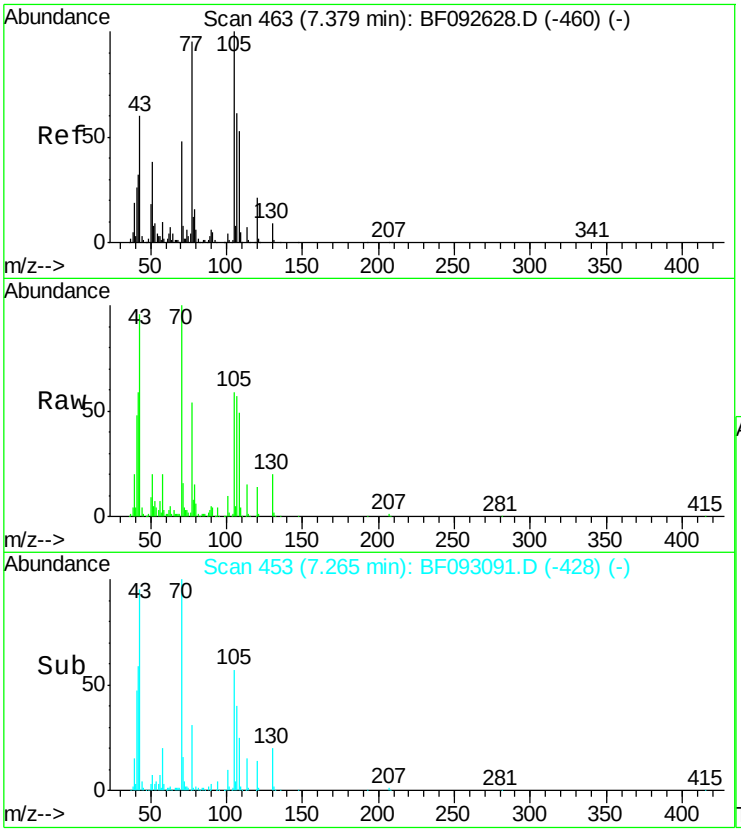


#19
n-Nitroso-di-n-propylamine
Concen: 50.30 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 70 Resp: 351783

Ion	Ratio	Lower	Upper
70	100		
42	58.9	49.4	74.0
101	9.6	7.4	11.2
130	20.4	14.2	21.4



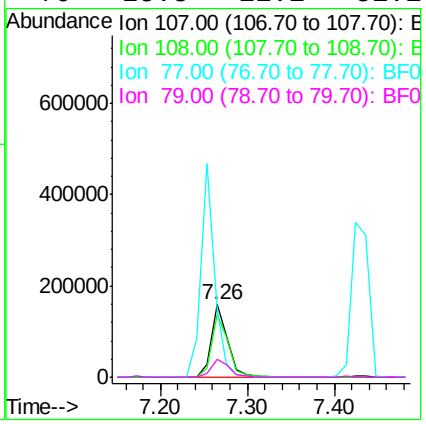


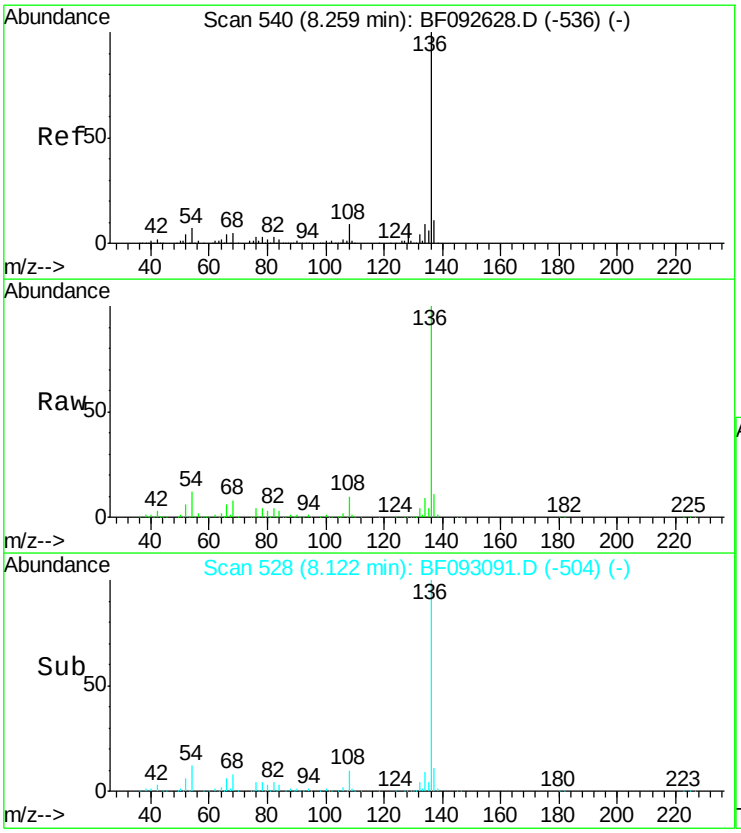
#20
3+4-Methylphenols
Concen: 21.74 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:107 Resp: 210111

Ion	Ratio	Lower	Upper
107	100		
108	86.1	73.0	113.0
77	94.6	71.3	111.3
79	25.3	11.1	51.1

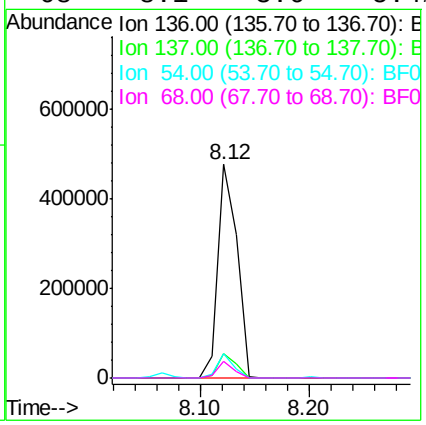


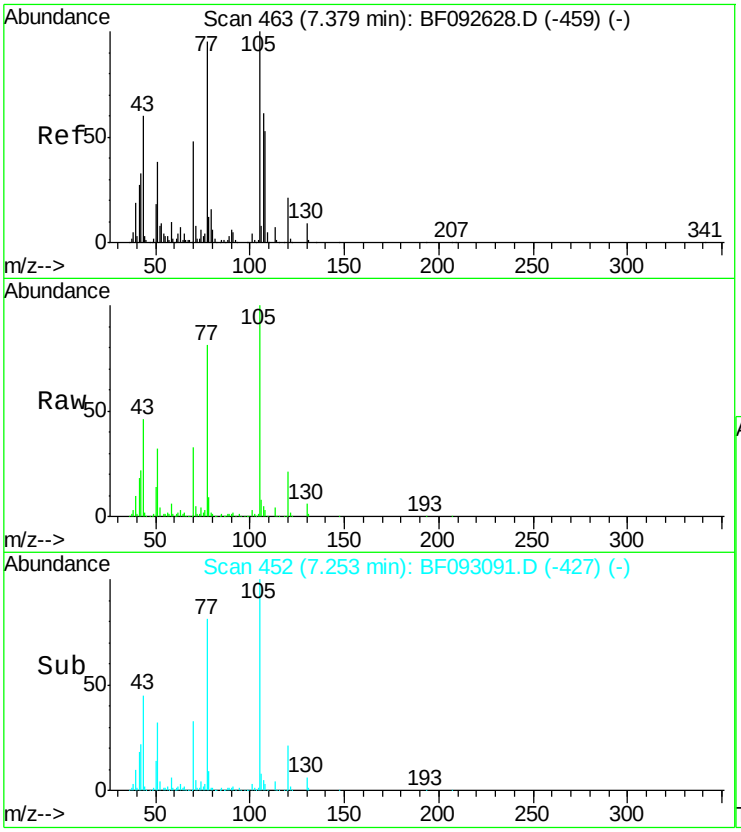


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:136 Resp: 583414

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.7	4.5	6.7#
68	8.1	3.6	5.4#



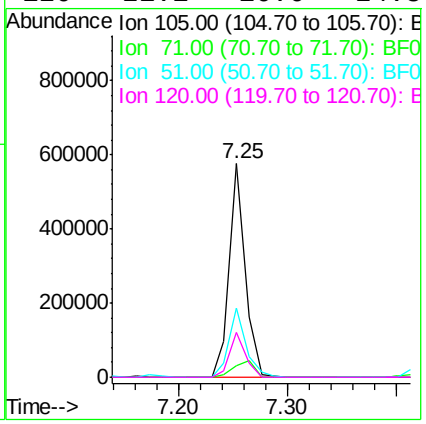


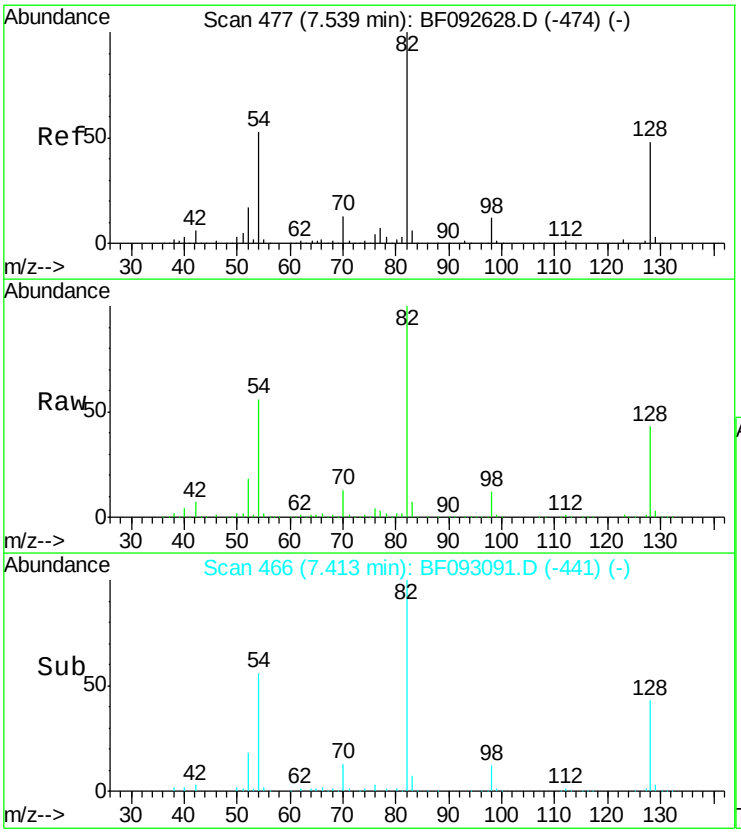
#22
Acetophenone
Concen: 43.60 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:105 Resp: 580743

Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.2	4.8#
51	32.2	26.2	39.4
120	21.1	16.6	24.8

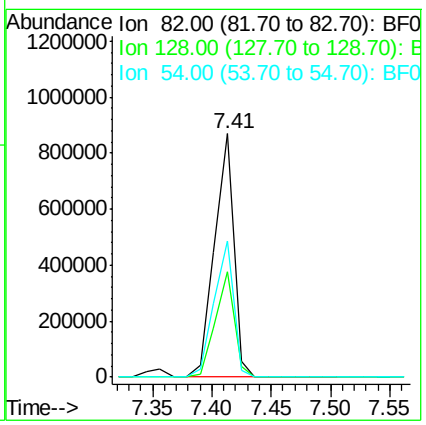


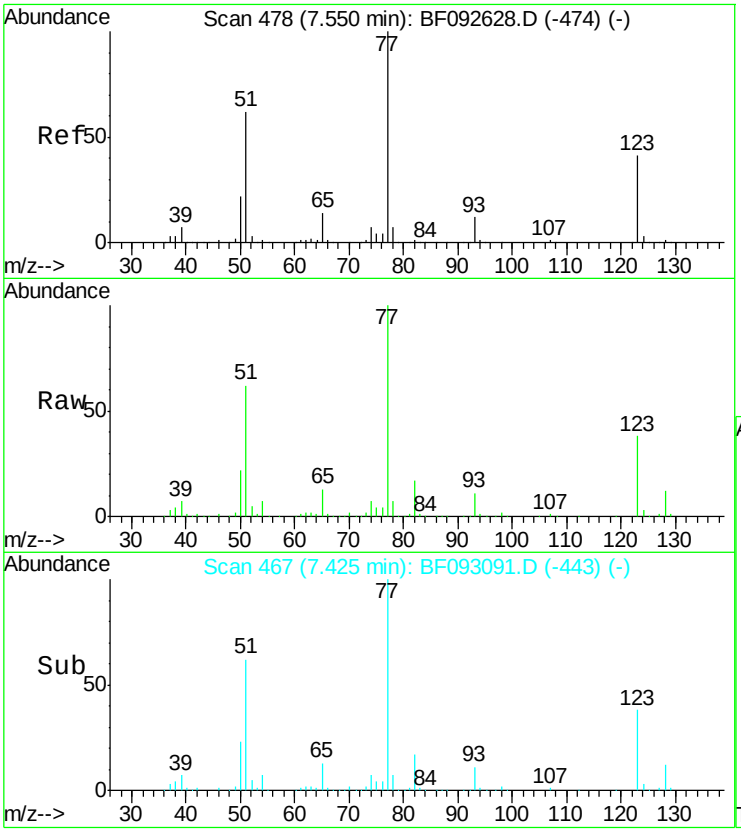


#23
Nitrobenzene-d5
Concen: 92.76 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 82 Resp: 971808

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	56.0	39.5	59.3



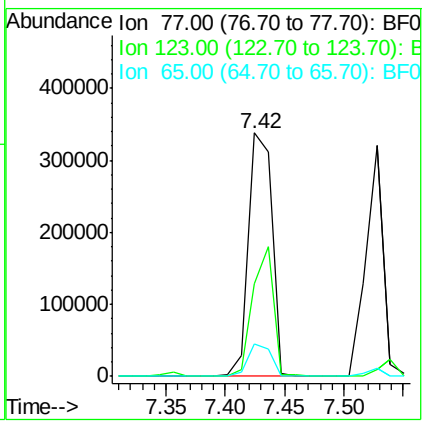


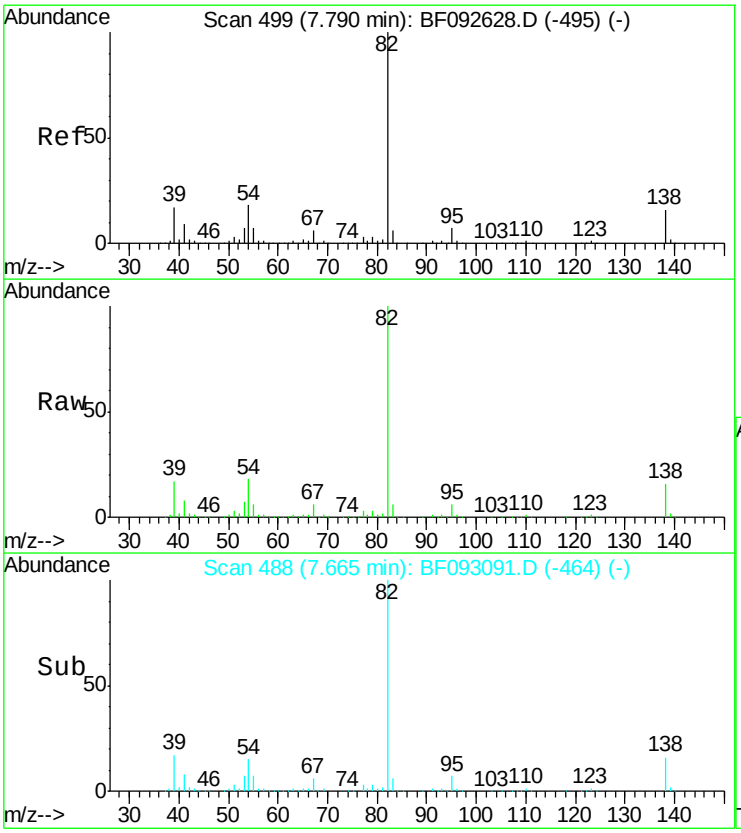
#24
Nitrobenzene
Concen: 43.57 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 77 Resp: 468733

Ion	Ratio	Lower	Upper
77	100		
123	38.3	33.0	49.4
65	13.5	11.2	16.8

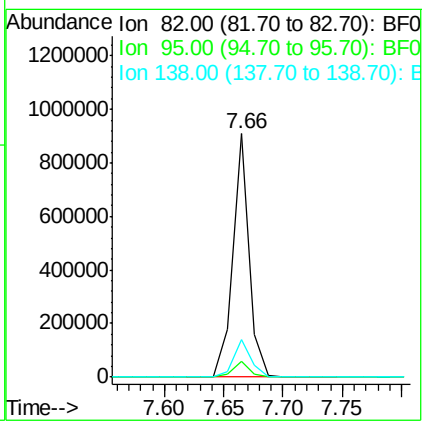


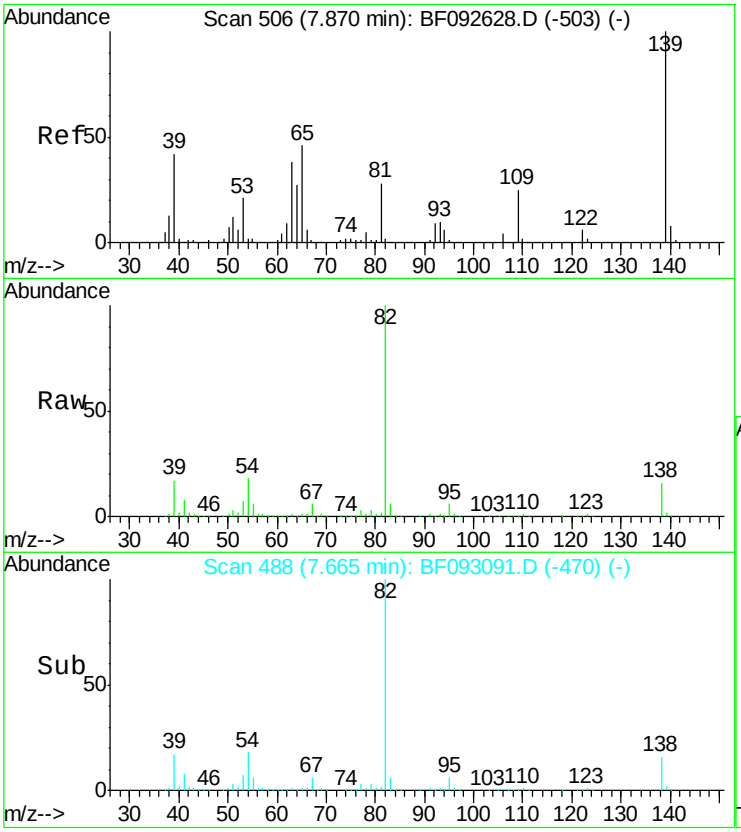


#25
Isophorone
Concen: 44.24 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 82 Resp: 863748

Ion	Ratio	Lower	Upper
82	100		
95	6.2	5.6	8.4
138	15.6	14.6	22.0



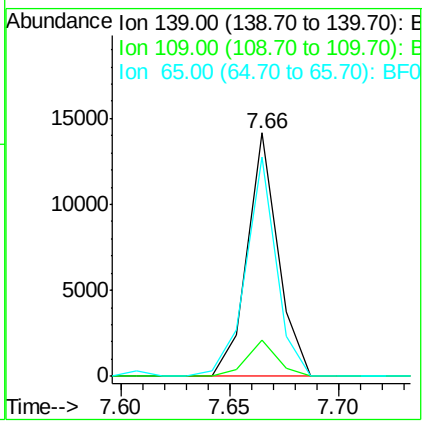


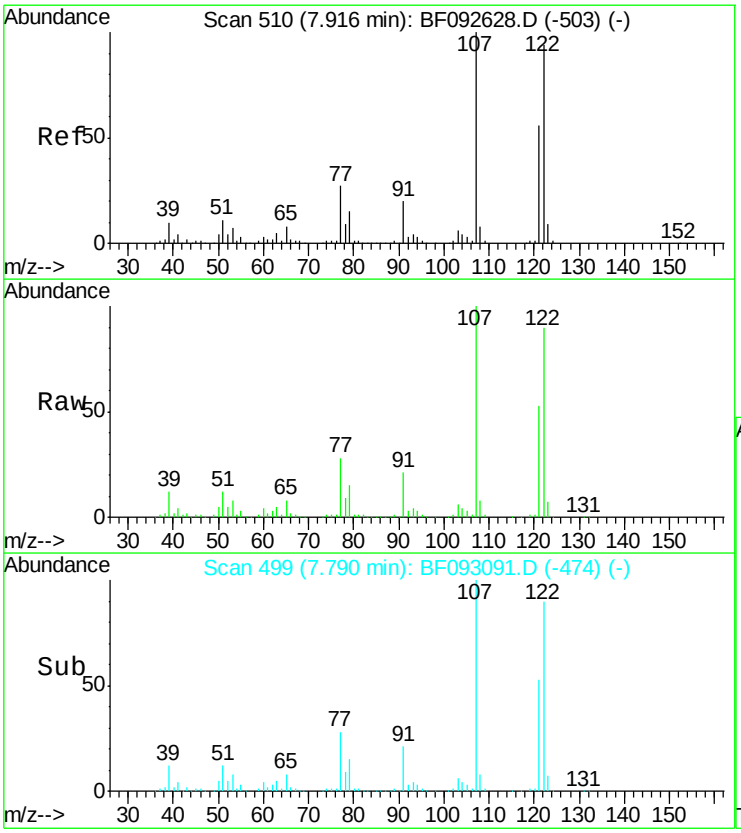
#26
2-Nitrophenol
Concen: 2.72 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.09 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:139 Resp: 13931

Ion	Ratio	Lower	Upper
139	100		
109	15.1	23.3	34.9#
65	90.1	42.7	64.1#

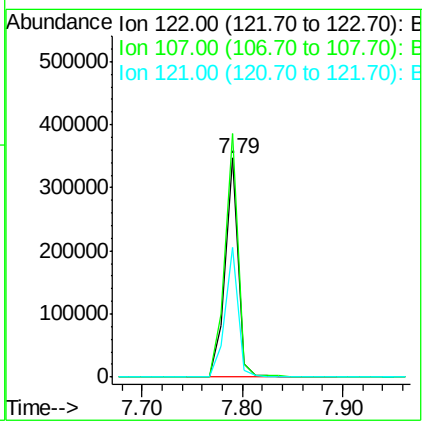


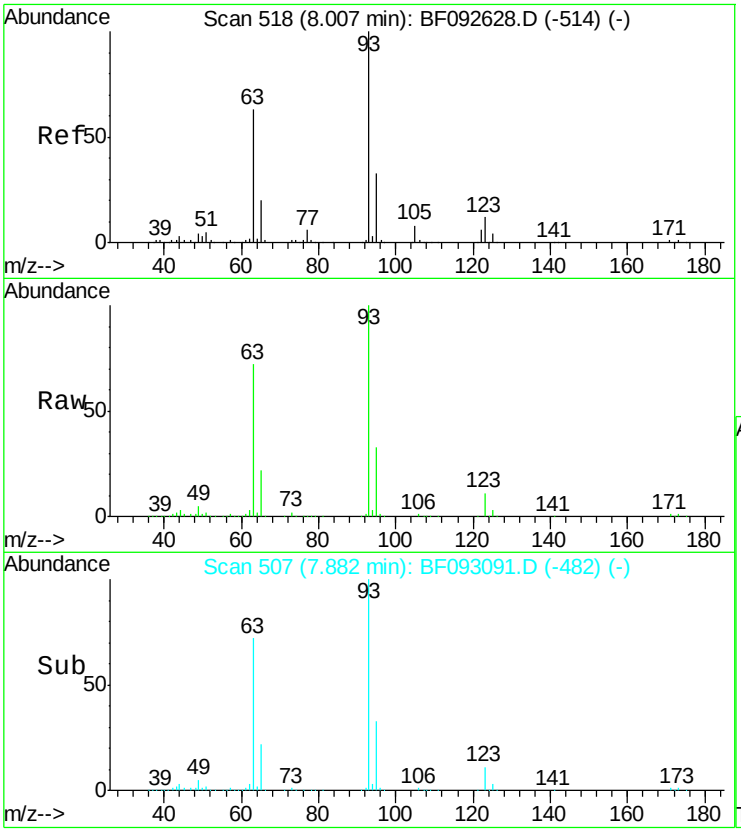


#27
2,4-Dimethylphenol
Concen: 35.13 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:122 Resp: 315479

Ion	Ratio	Lower	Upper
122	100		
107	111.3	94.1	141.1
121	59.4	46.0	69.0



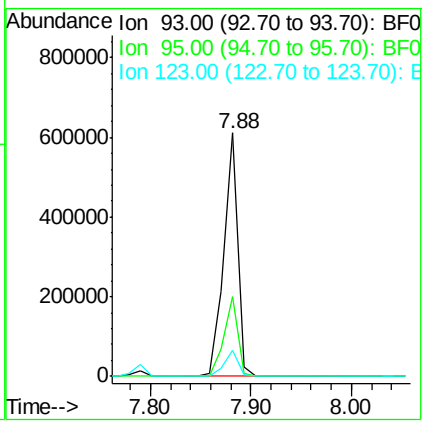


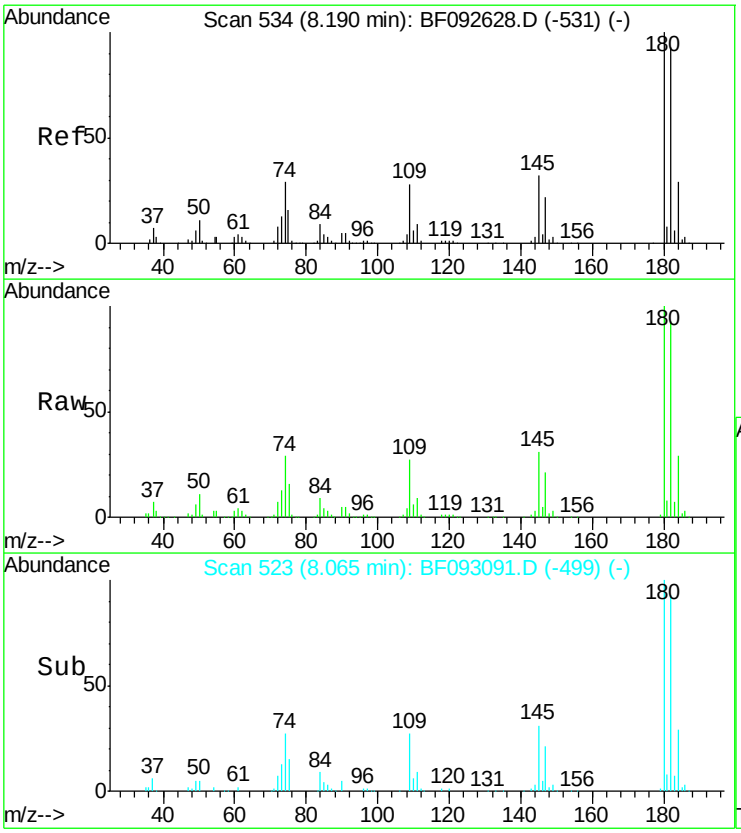
#28
bis(2-Chloroethoxy)methane
Concen: 45.68 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 93 Resp: 590582

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	10.5	8.6	13.0

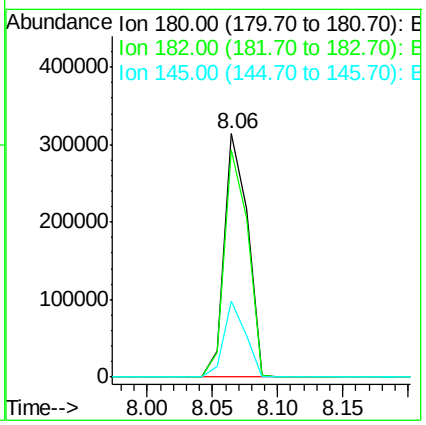


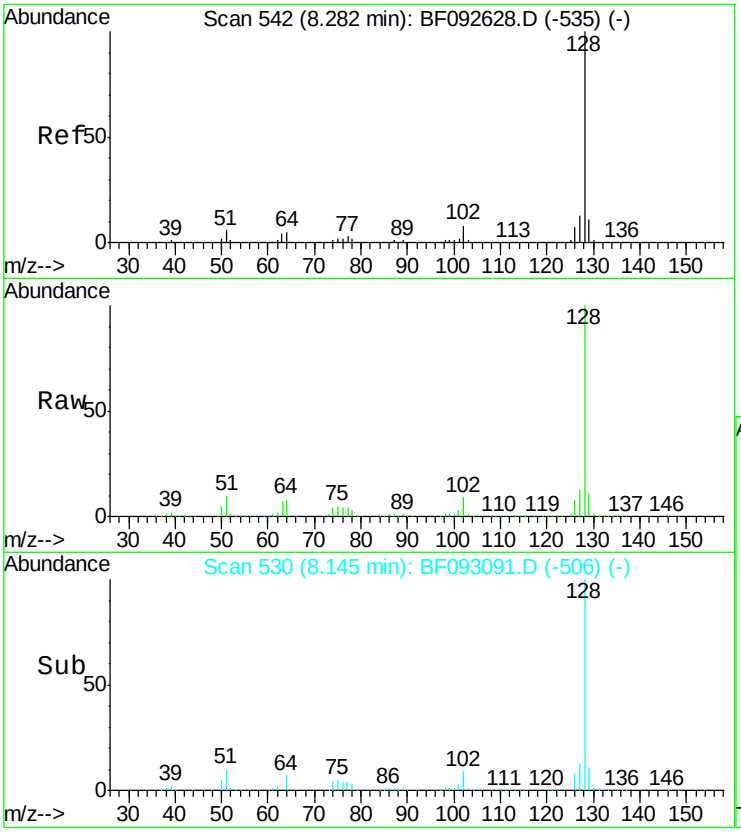


#30
1,2,4-Trichlorobenzene
Concen: 43.23 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:180 Resp: 390209

Ion	Ratio	Lower	Upper
180	100		
182	93.0	78.2	117.4
145	31.4	21.6	32.4



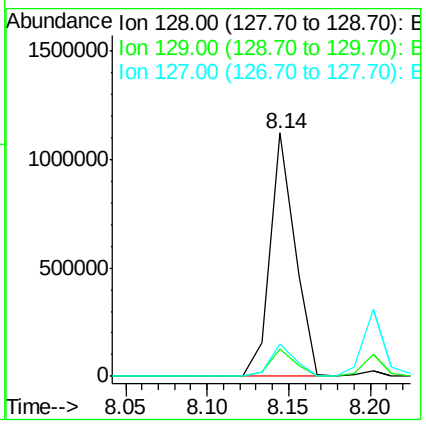


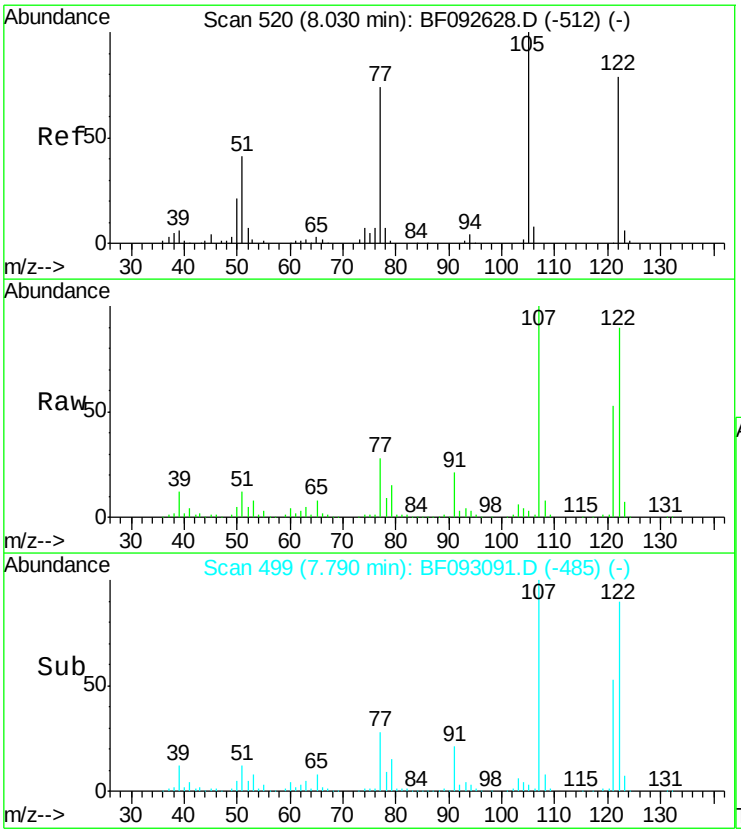
#31
Naphthalene
Concen: 40.65 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:128 Resp: 1202313

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.5	10.8	16.2

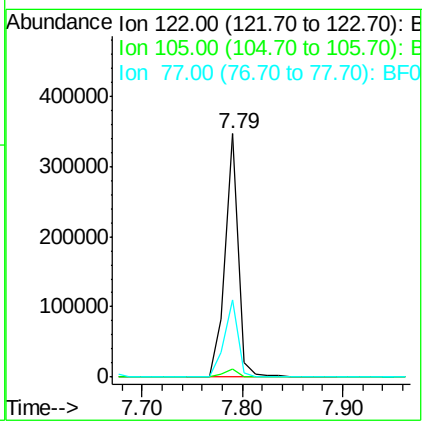


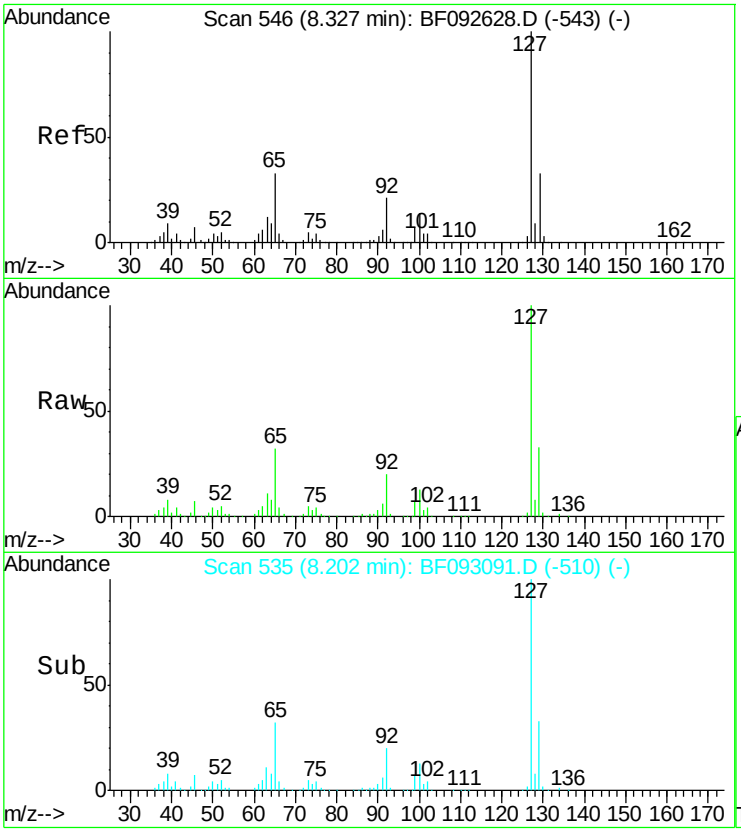


#32
Benzoic acid
Concen: 59.91 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.14 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:122 Resp: 315479

Ion	Ratio	Lower	Upper
122	100		
105	3.5	107.2	147.2#
77	31.6	74.5	114.5#



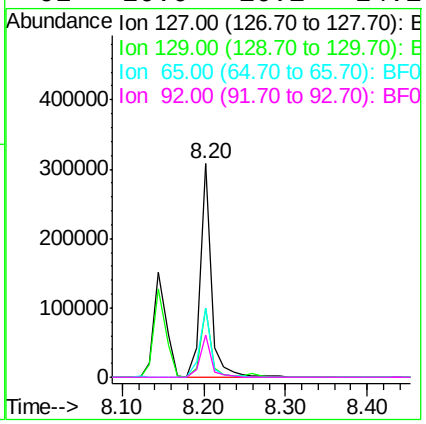


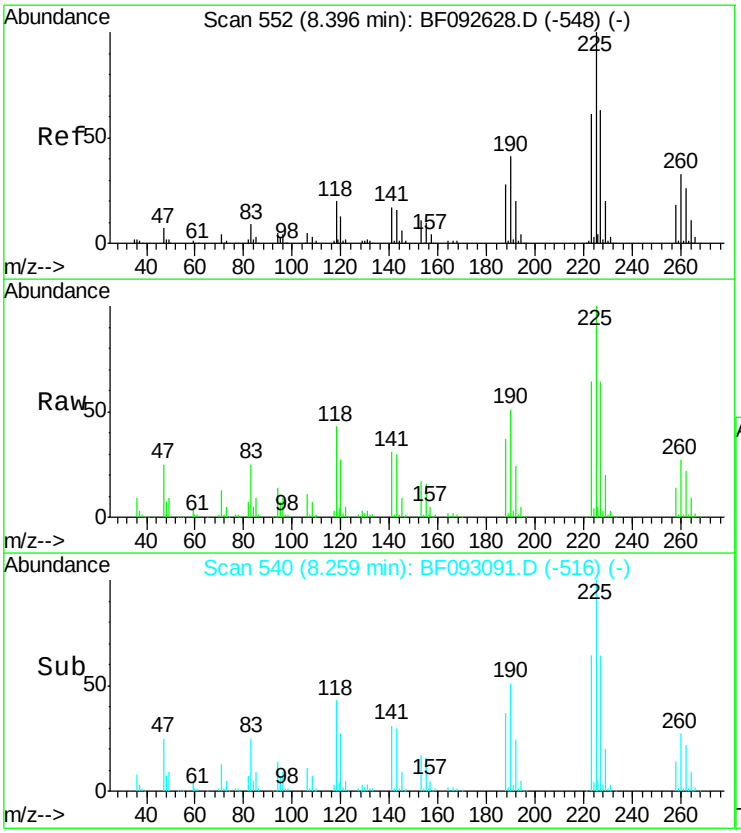
#33
4-Chloroaniline
Concen: 25.38 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:127 Resp: 294326

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.3	39.5
65	32.2	25.8	38.8
92	20.0	16.1	24.1

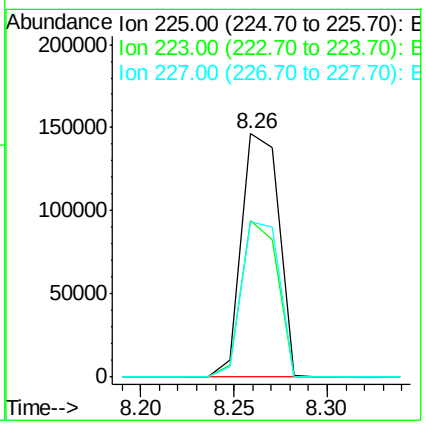


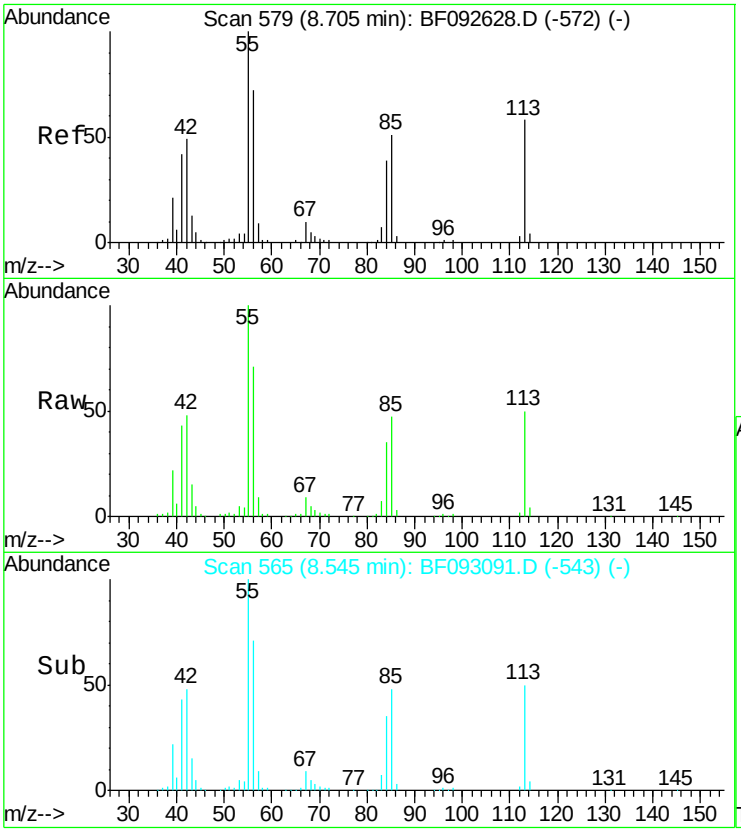


#34
Hexachlorobutadiene
Concen: 40.86 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:225 Resp: 202911

Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.0	76.6
227	63.7	50.6	76.0



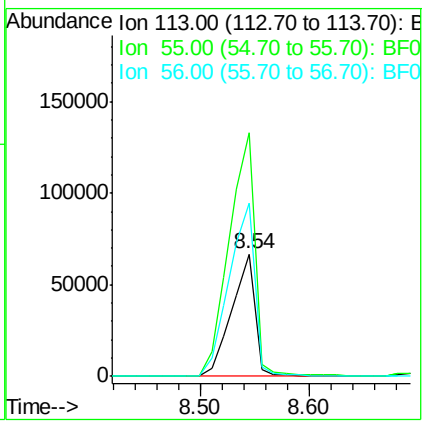


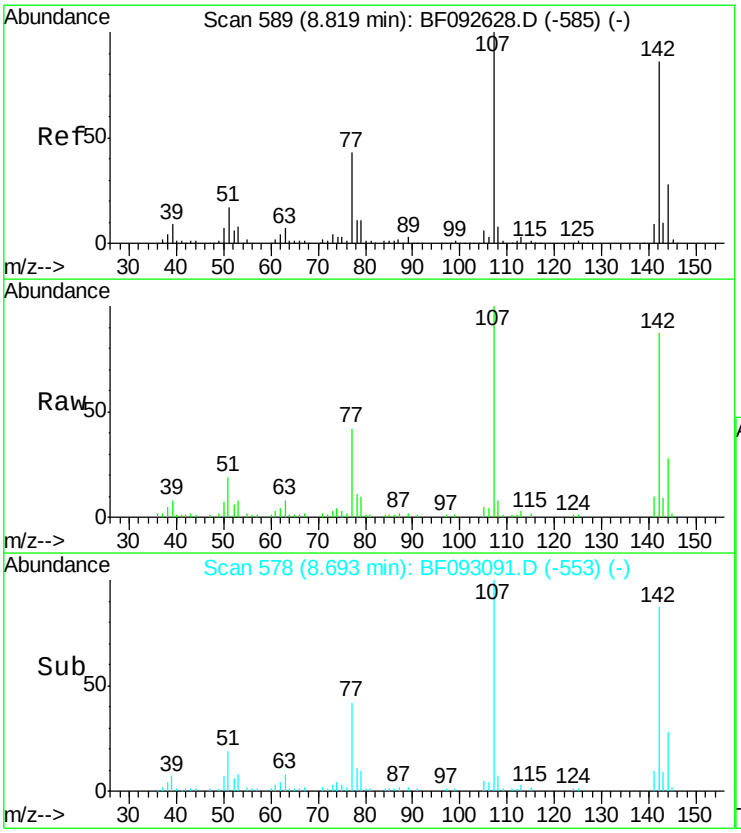
#35
Caprolactam
Concen: 37.45 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.05 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:113 Resp: 98655

Ion	Ratio	Lower	Upper
113	100		
55	199.1	119.2	159.2#
56	141.9	83.8	123.8#

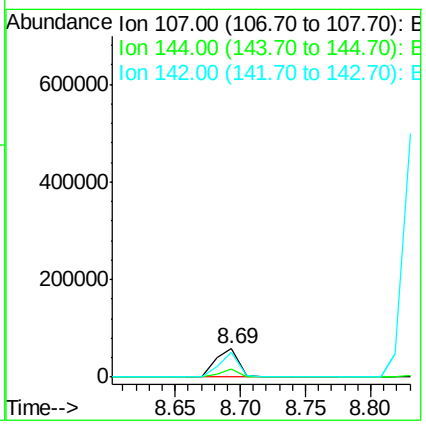


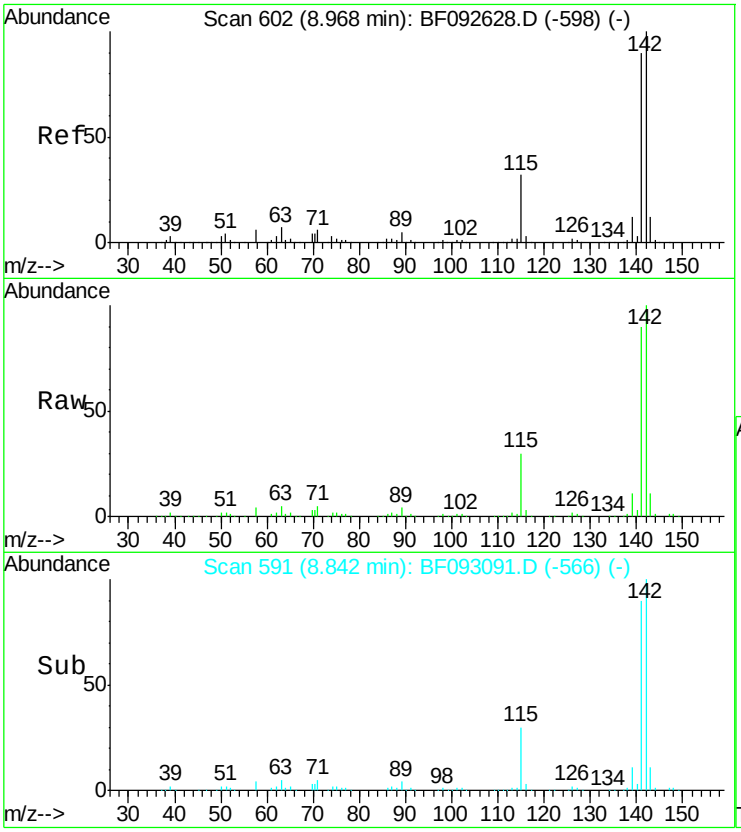


#36
4-Chloro-3-methylphenol
Concen: 8.25 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:107 Resp: 72080

Ion	Ratio	Lower	Upper
107	100		
144	27.7	19.3	28.9
142	86.9	59.0	88.6



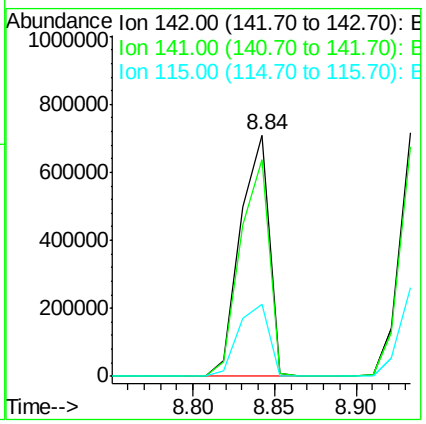


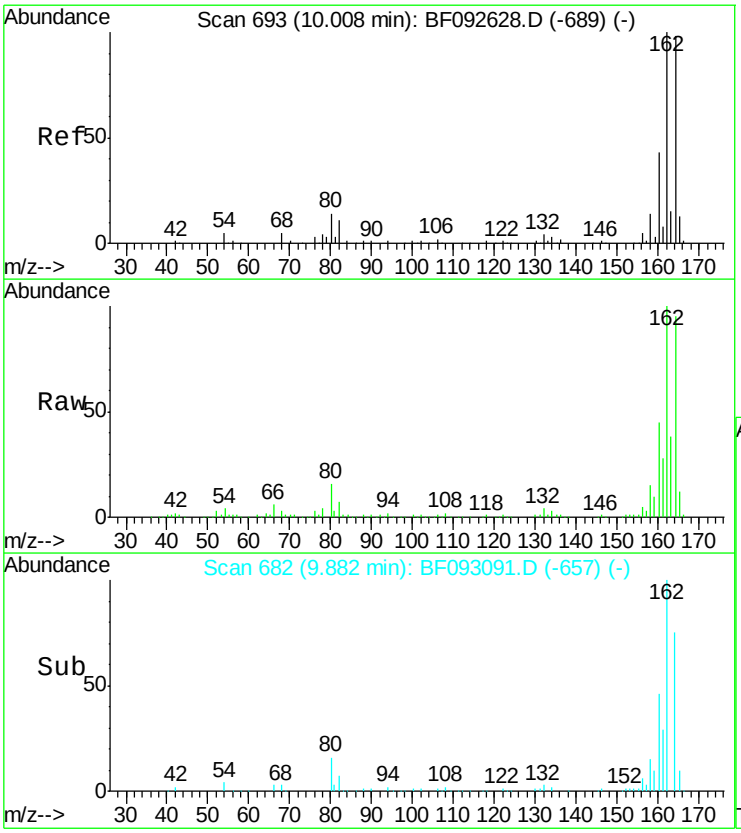
#37
2-Methylnaphthalene
Concen: 45.88 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:142 Resp: 871224

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.0	106.6
115	29.7	28.3	42.5

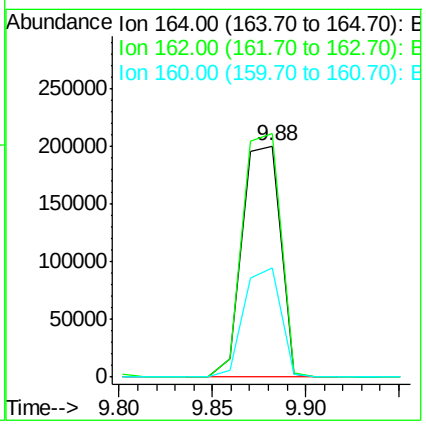


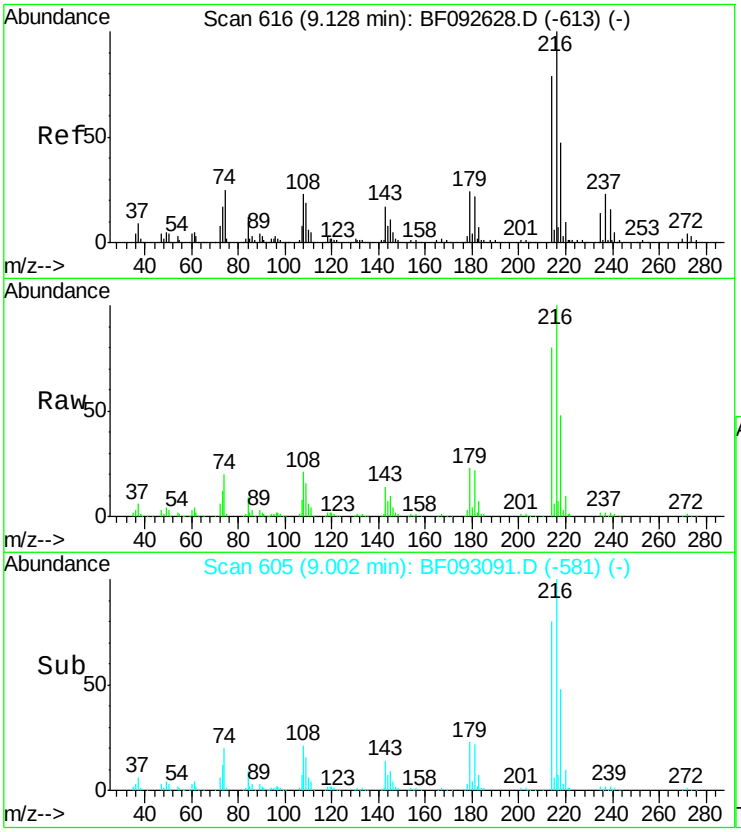


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:164 Resp: 283703

Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.2	120.2
160	47.0	36.9	55.3



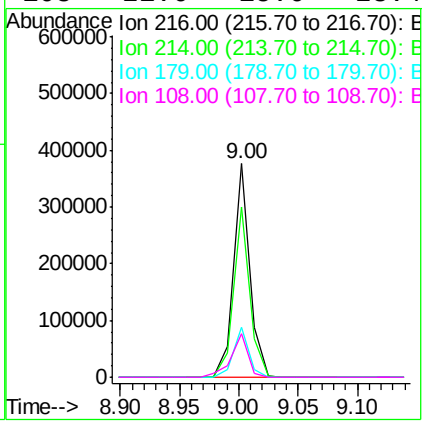


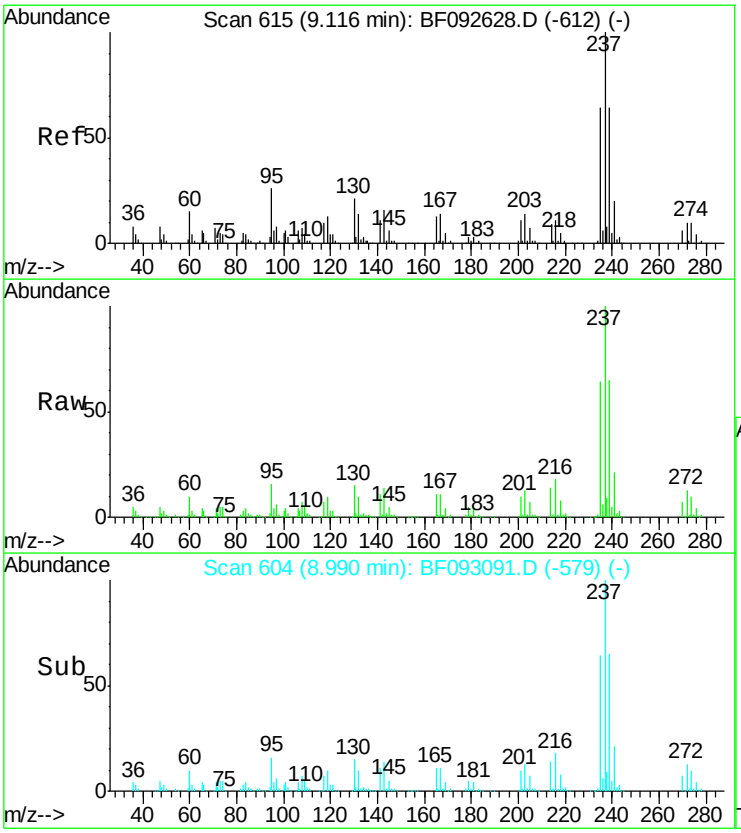
#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.05 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:216 Resp: 358777

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.0
179	21.7	17.4	26.2
108	21.6	15.6	23.4

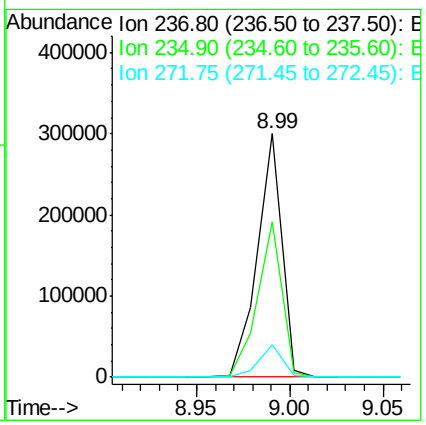


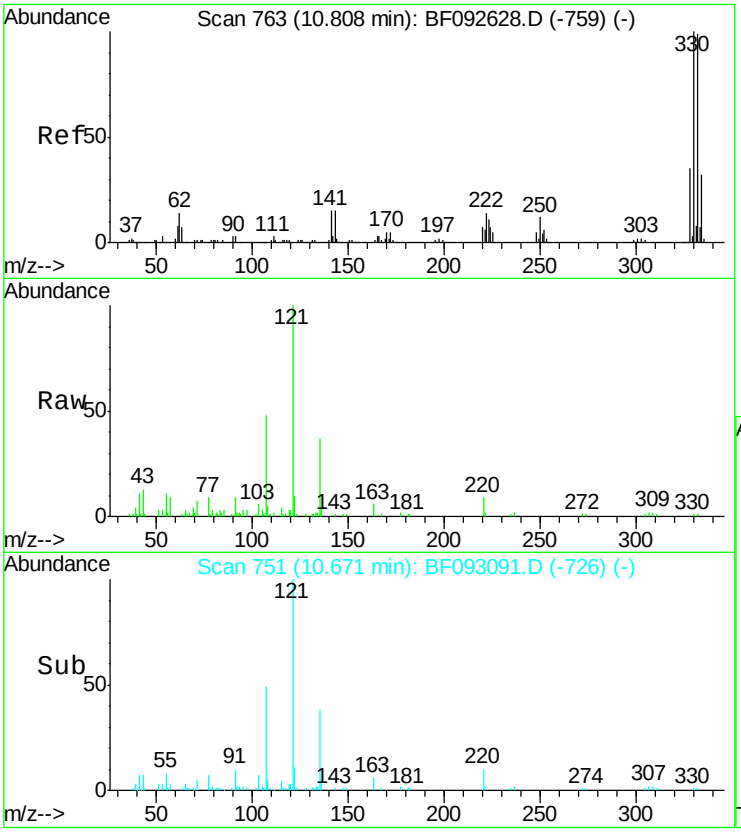


#40
Hexachlorocyclopentadiene
Concen: 75.75 ng
RT: 8.99 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:237 Resp: 272175

Ion	Ratio	Lower	Upper
237	100		
235	63.6	41.2	81.2
272	13.4	0.0	35.4



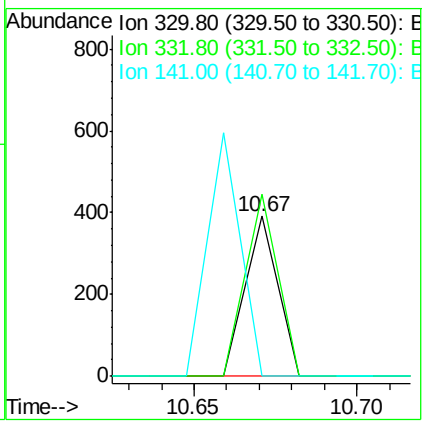


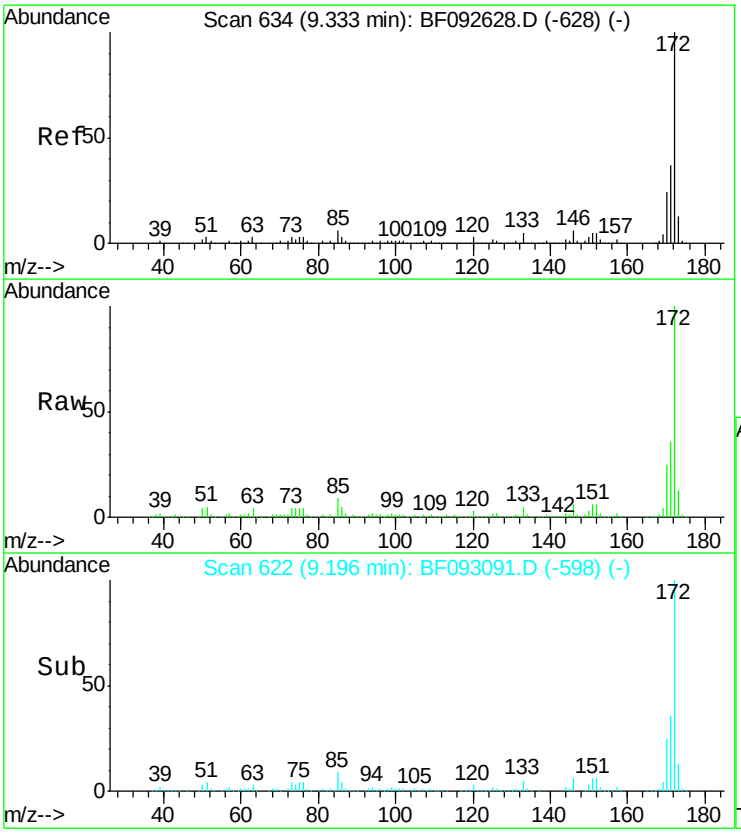
#41
2,4,6-Tribromophenol
Concen: 0.13 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:330 Resp: 268

Ion	Ratio	Lower	Upper
330	100		
332	114.2	77.4	116.2
141	0.0	34.1	51.1#

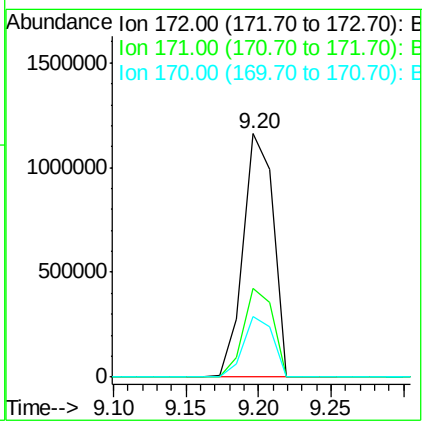


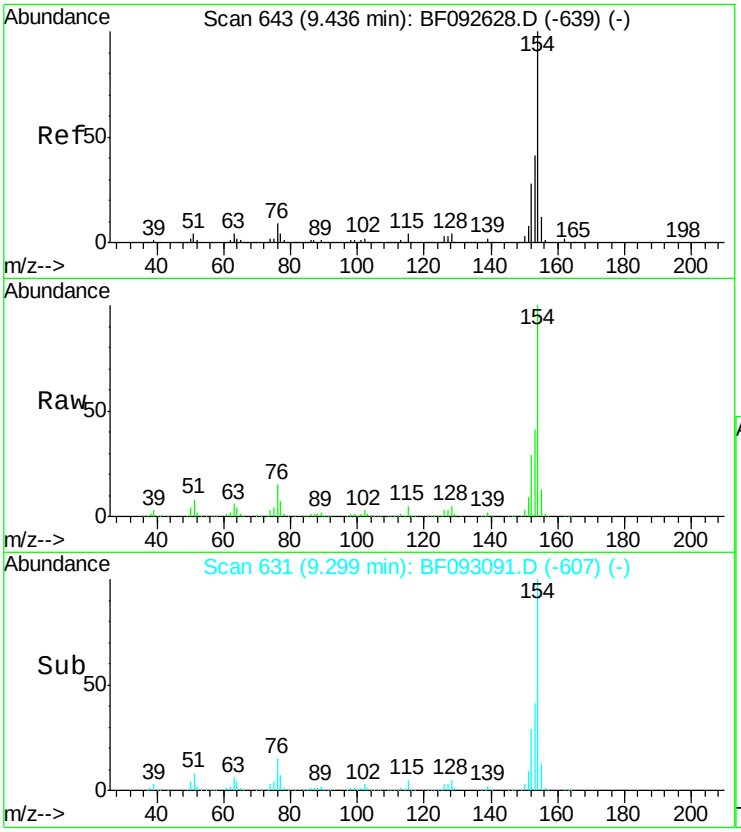


#44
2-Fluorobiphenyl
Concen: 107.25 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:172 Resp: 1679496

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.8	20.2	30.4



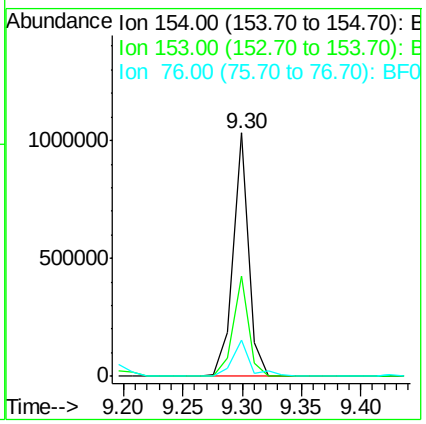


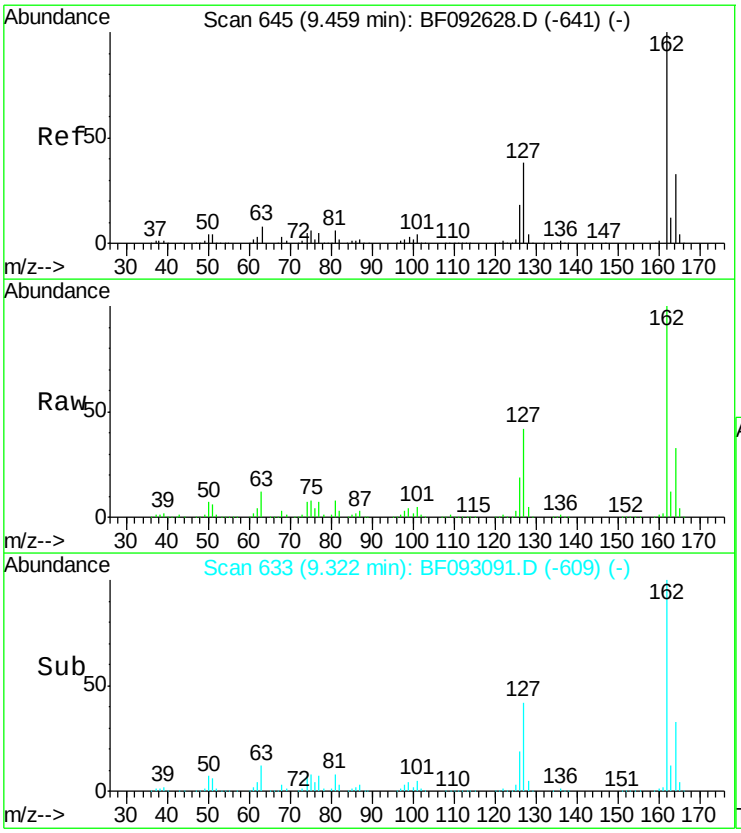
#45
1,1'-Biphenyl
Concen: 45.84 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:154 Resp: 941626

Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	15.1	0.0	30.5

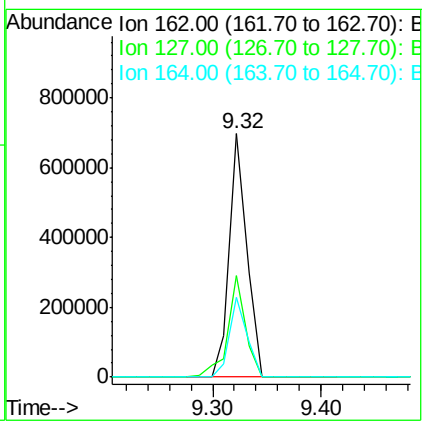


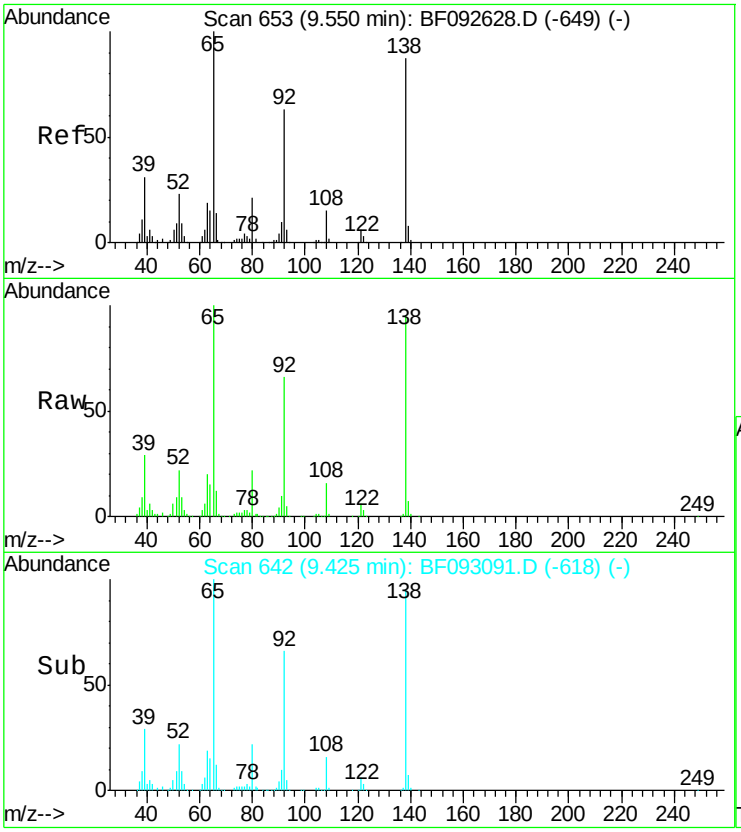


#46
2-Chloronaphthalene
Concen: 47.90 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:162 Resp: 769817

Ion	Ratio	Lower	Upper
162	100		
127	41.6	30.7	46.1
164	32.6	27.6	41.4



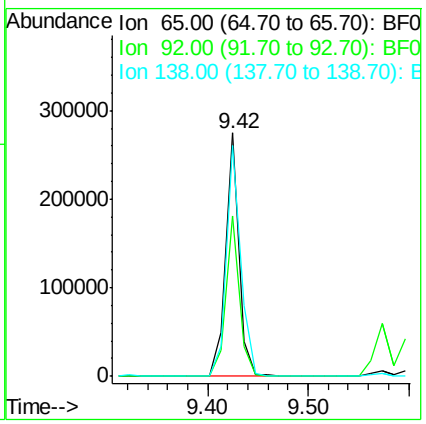


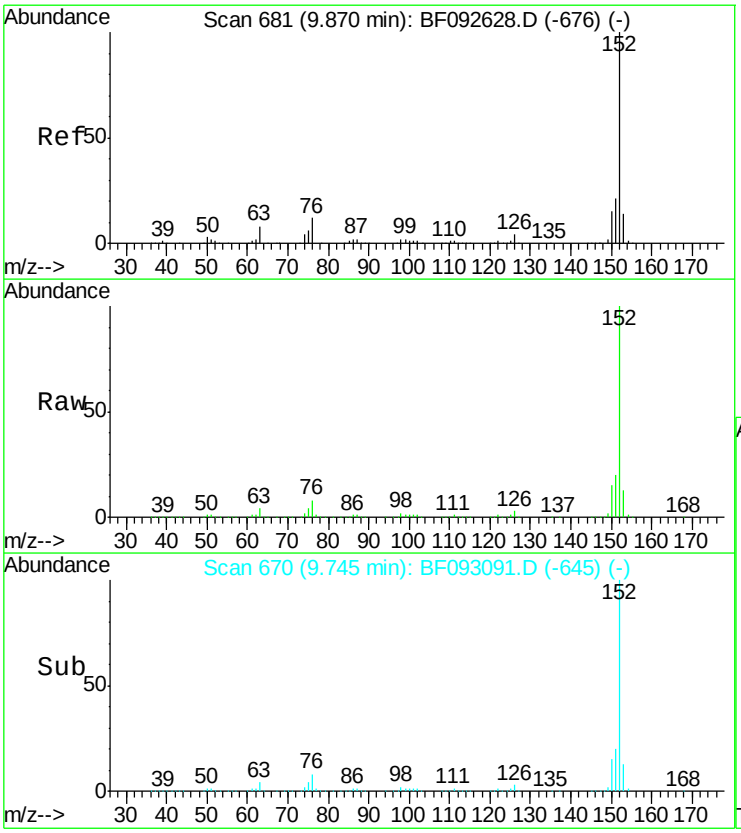
#47
2-Nitroaniline
Concen: 46.97 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion: 65 Resp: 253810

Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	94.6	76.8	115.2

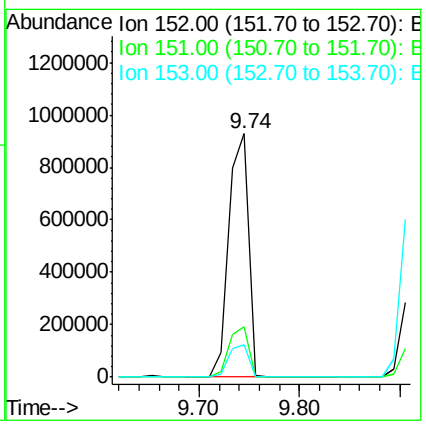


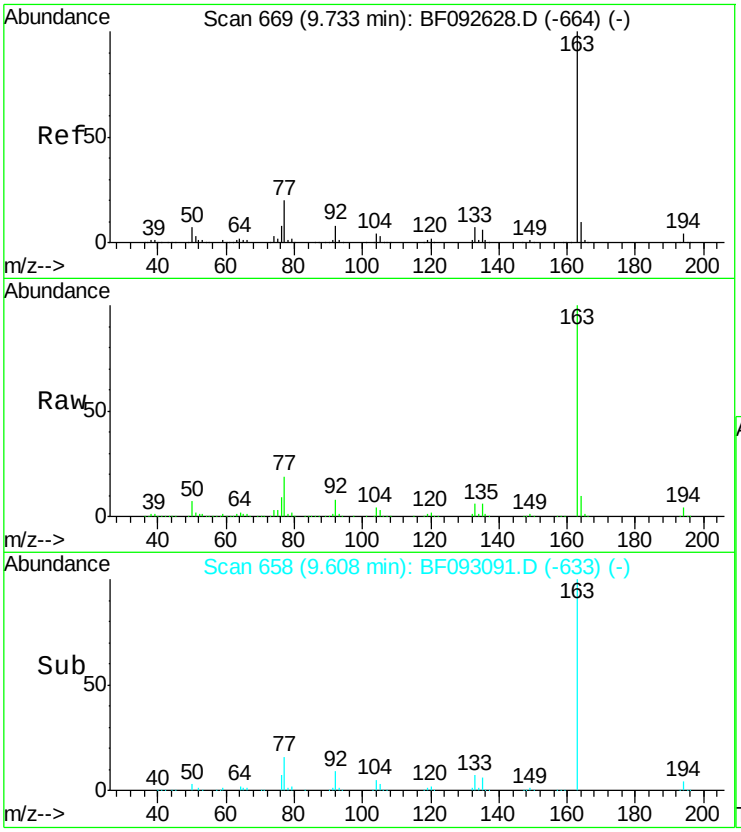


#48
Acenaphthylene
Concen: 45.34 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:152 Resp: 1258609

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.3	11.4	17.2



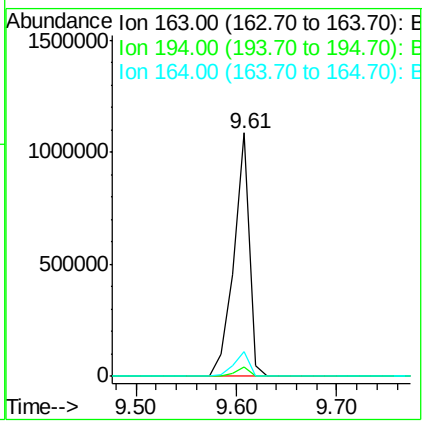


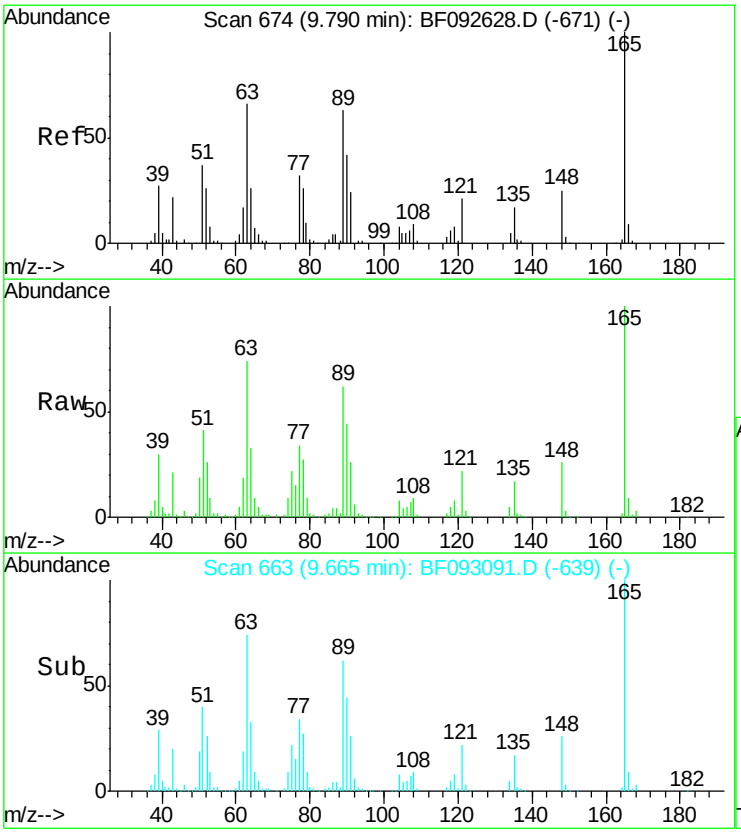
#49
Dimethylphthalate
Concen: 60.53 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:163 Resp: 1156684

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.1	8.0	12.0

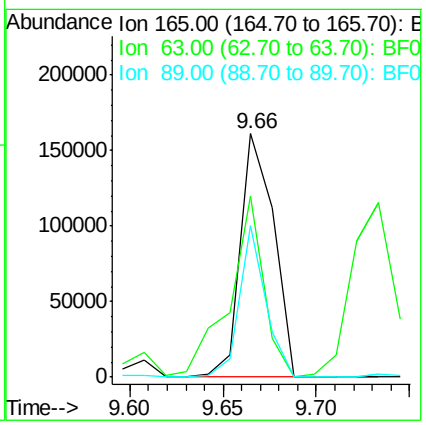


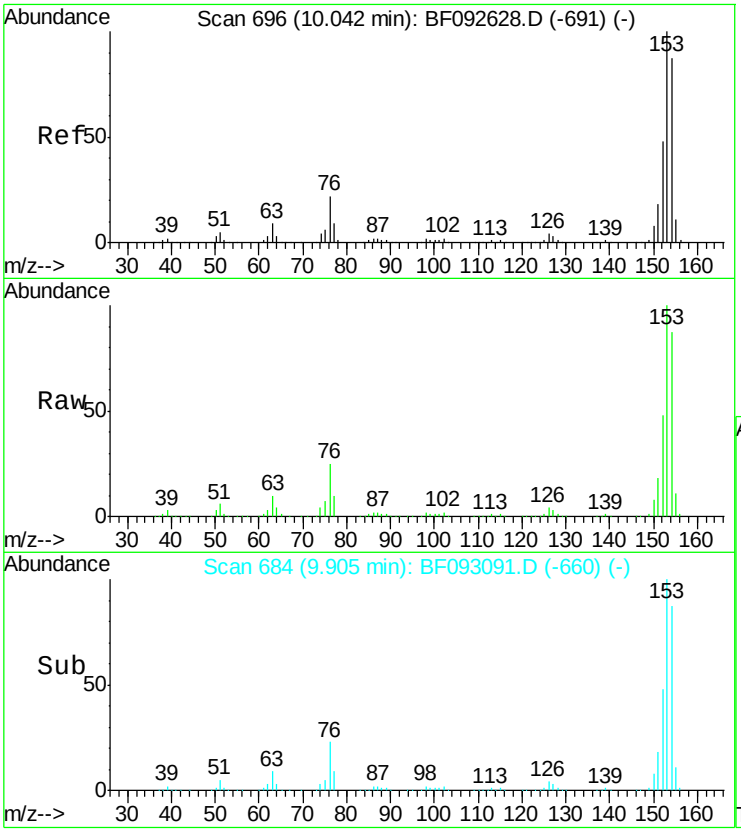


#50
2,6-Dinitrotoluene
Concen: 48.28 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:165 Resp: 199247

Ion	Ratio	Lower	Upper
165	100		
63	74.1	36.2	54.4#
89	62.1	40.2	60.4#



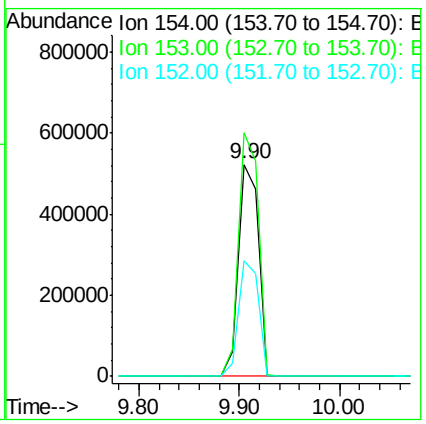


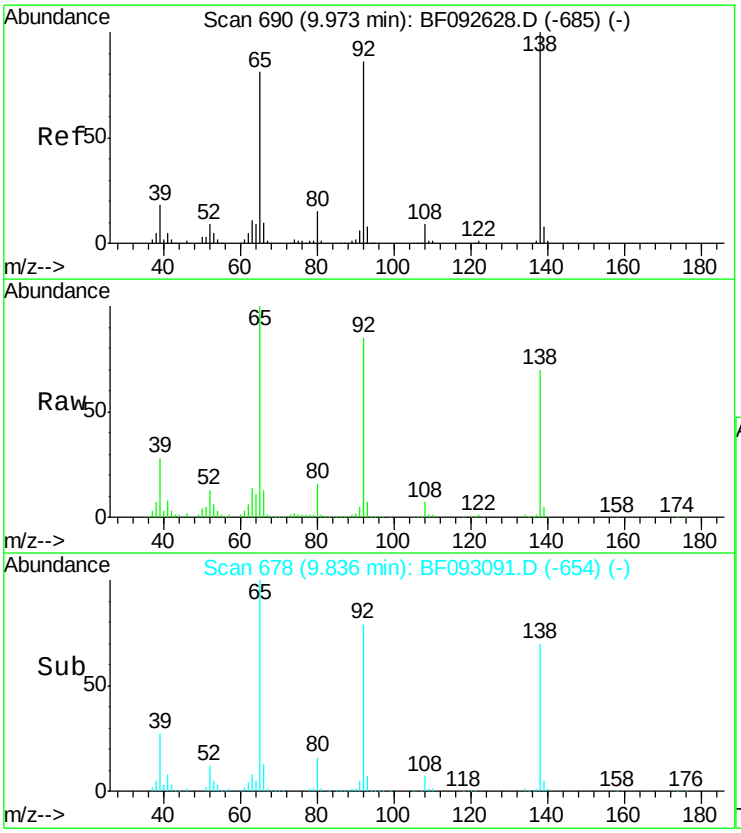
#51
Acenaphthene
Concen: 43.57 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:154 Resp: 723239

Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.6	133.0
152	54.8	41.6	62.4

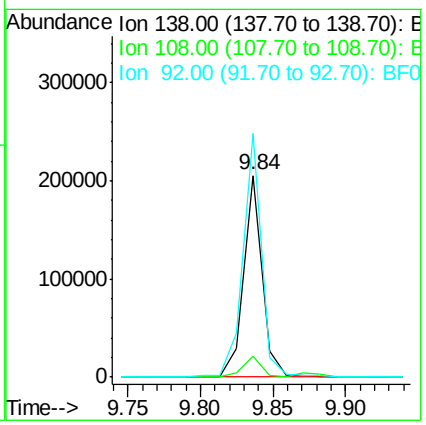


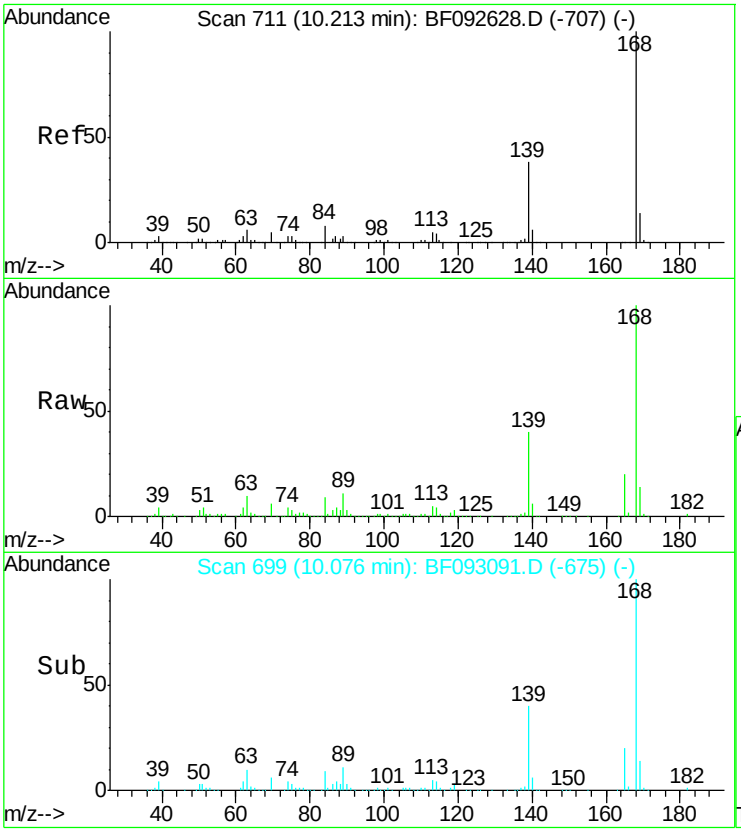


#52
3-Nitroaniline
Concen: 38.66 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:138 Resp: 182586

Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.5	12.7
92	120.6	97.8	146.8



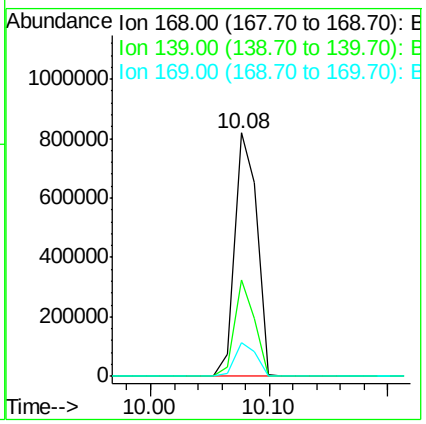


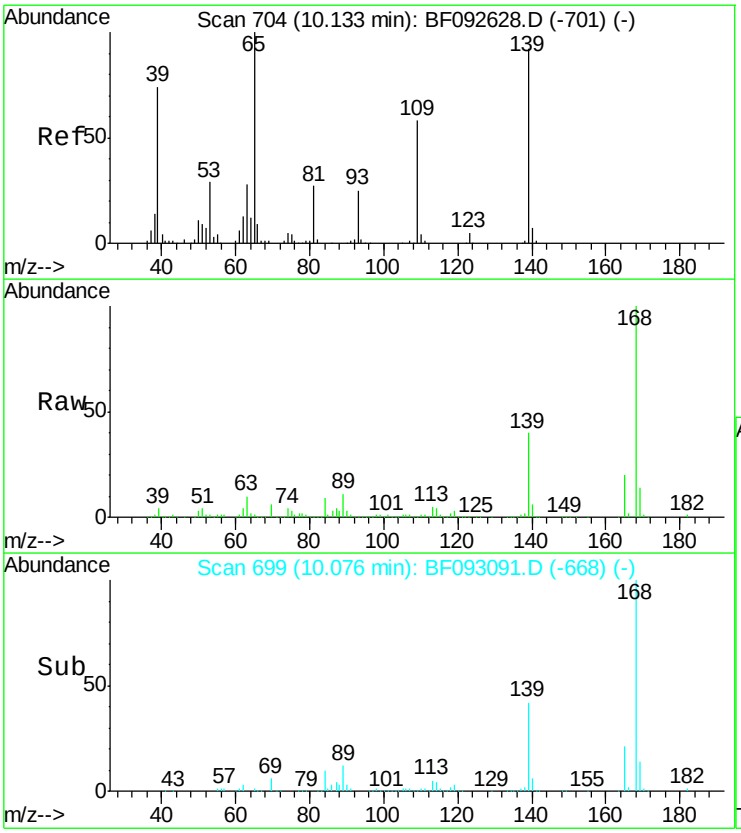
#54
Dibenzofuran
Concen: 48.00 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:168 Resp: 1065553

Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.6	49.0
169	13.8	11.3	16.9

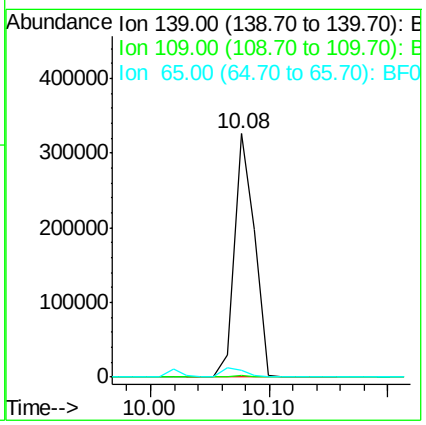


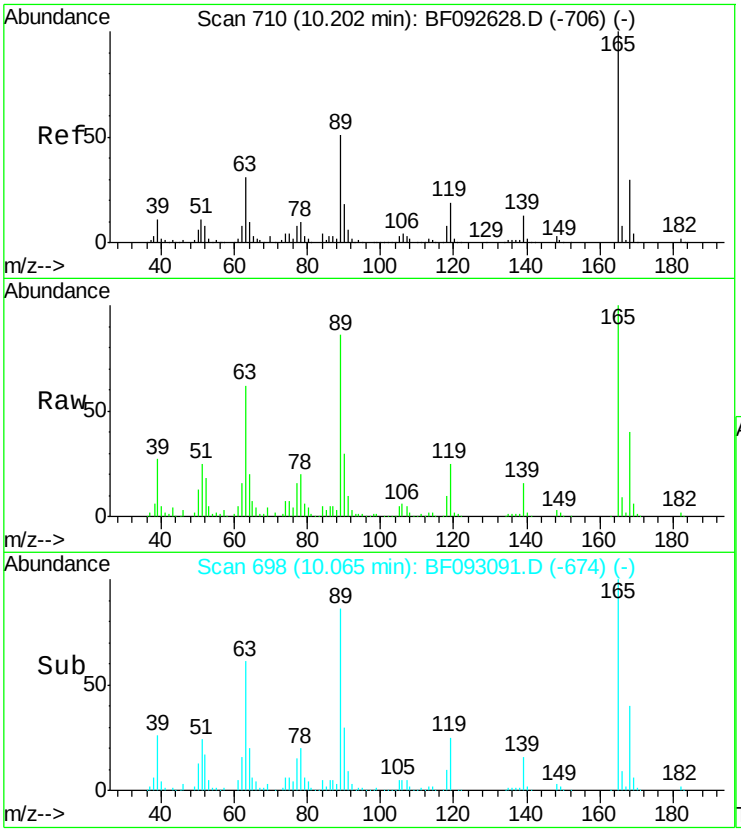


#55
4-Nitrophenol
Concen: 112.23 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.06 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:139 Resp: 381742

Ion	Ratio	Lower	Upper
139	100		
109	0.9	52.2	92.2#
65	3.0	85.8	125.8#



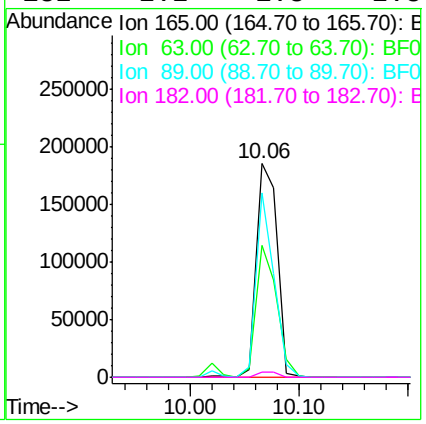


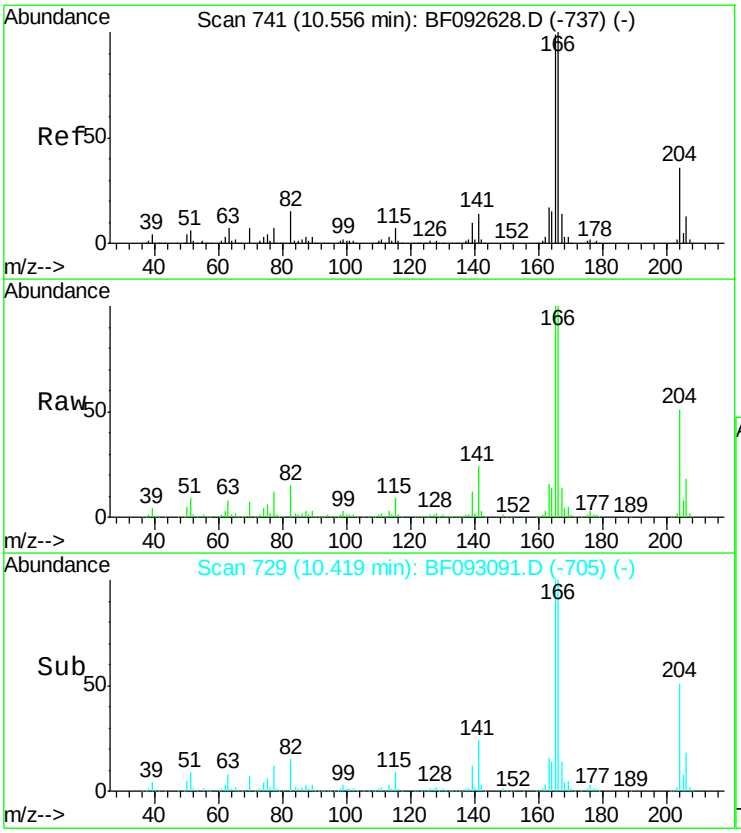
#56
2,4-Dinitrotoluene
Concen: 45.42 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:165 Resp: 249536

Ion	Ratio	Lower	Upper
165	100		
63	61.5	40.2	60.4#
89	86.5	62.5	93.7
182	2.2	1.8	2.8

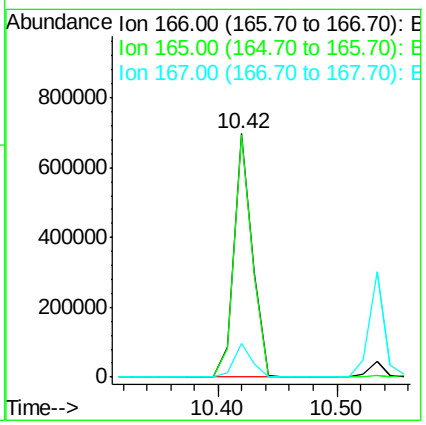


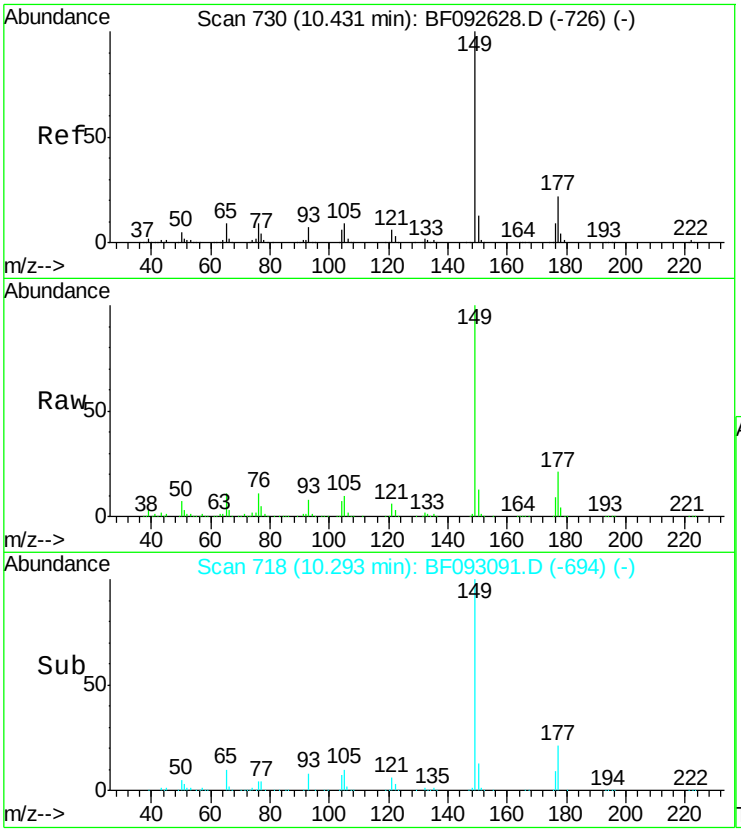


#57
Fluorene
Concen: 43.73 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:166 Resp: 746939

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.8
167	14.0	10.8	16.2



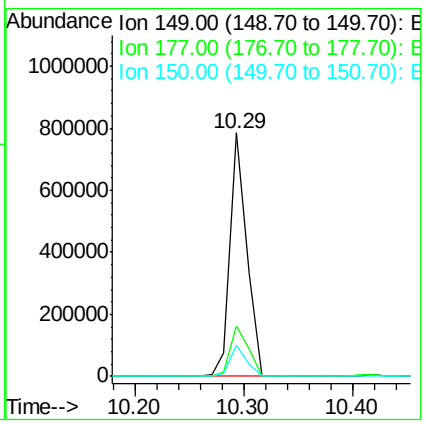


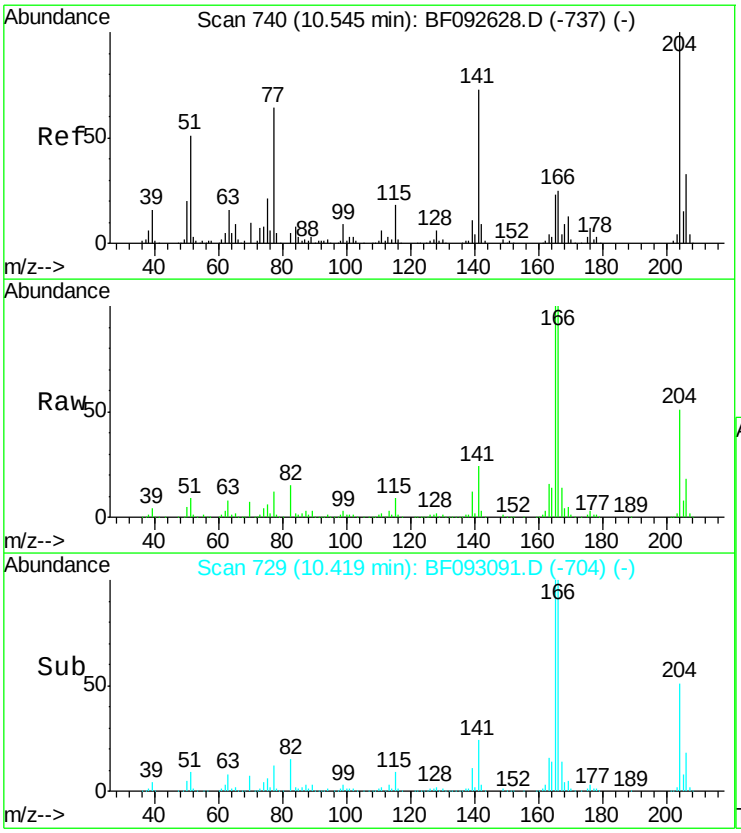
#59
Diethylphthalate
Concen: 45.79 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:149 Resp: 824530

Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.6	25.0
150	13.0	10.4	15.6

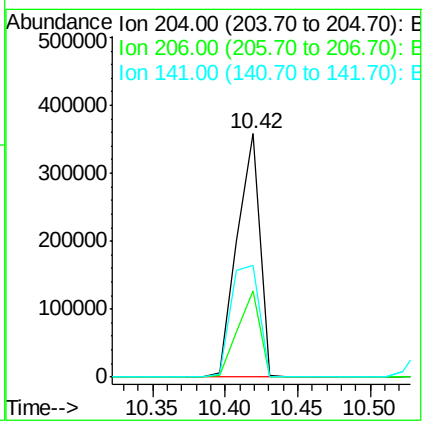


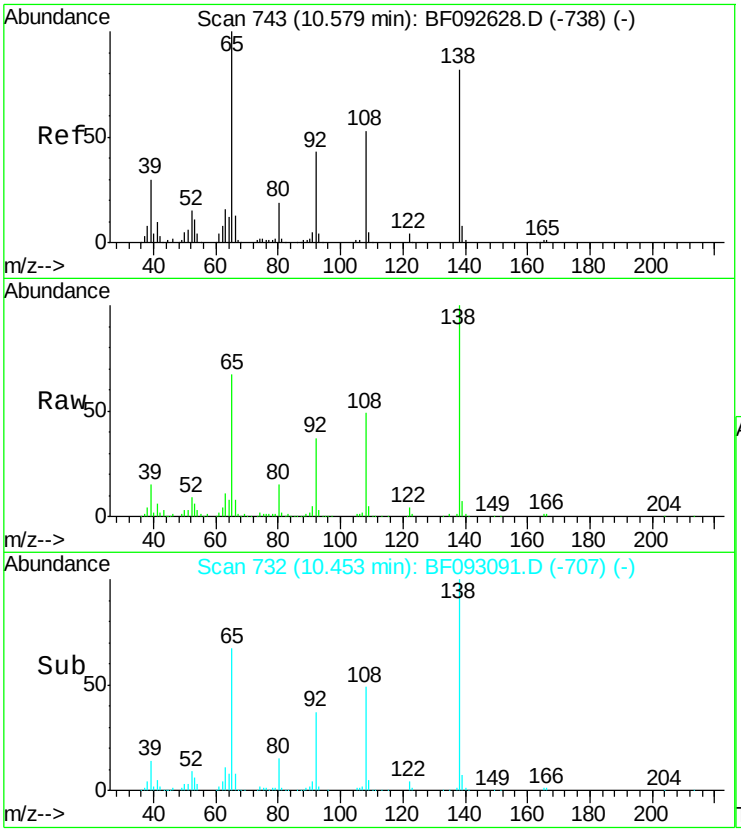


#60
4-Chlorophenyl-phenylether
Concen: 47.48 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:204 Resp: 389555

Ion	Ratio	Lower	Upper
204	100		
206	35.2	25.8	38.6
141	45.9	59.4	89.0#



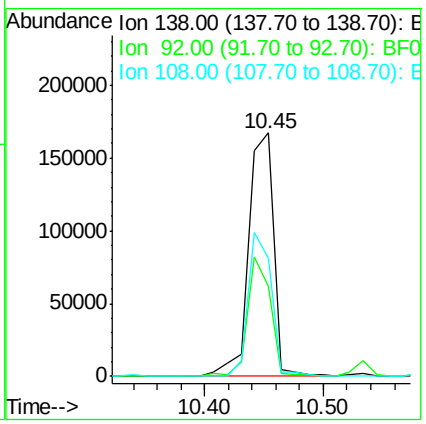


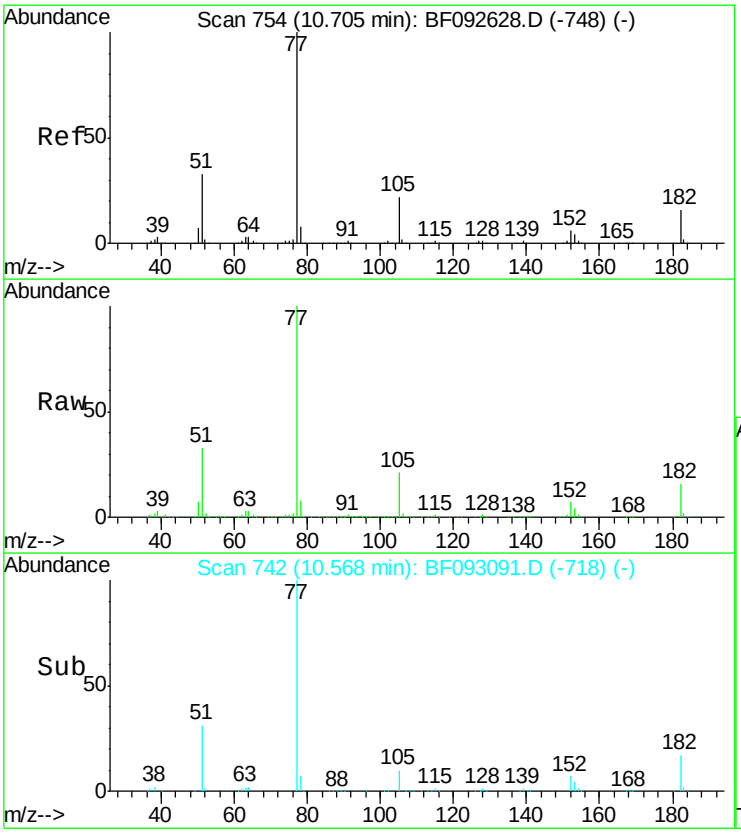
#61
4-Nitroaniline
Concen: 50.98 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:138 Resp: 246600

Ion	Ratio	Lower	Upper
138	100		
92	37.1	31.7	71.7
108	48.8	52.6	92.6#

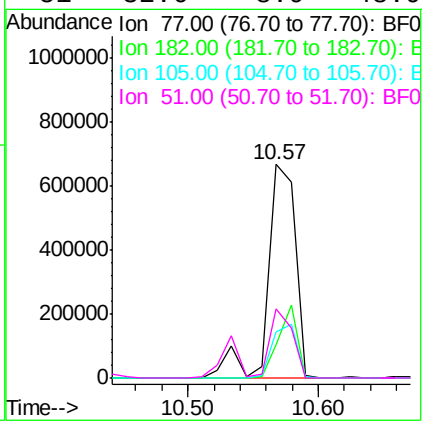


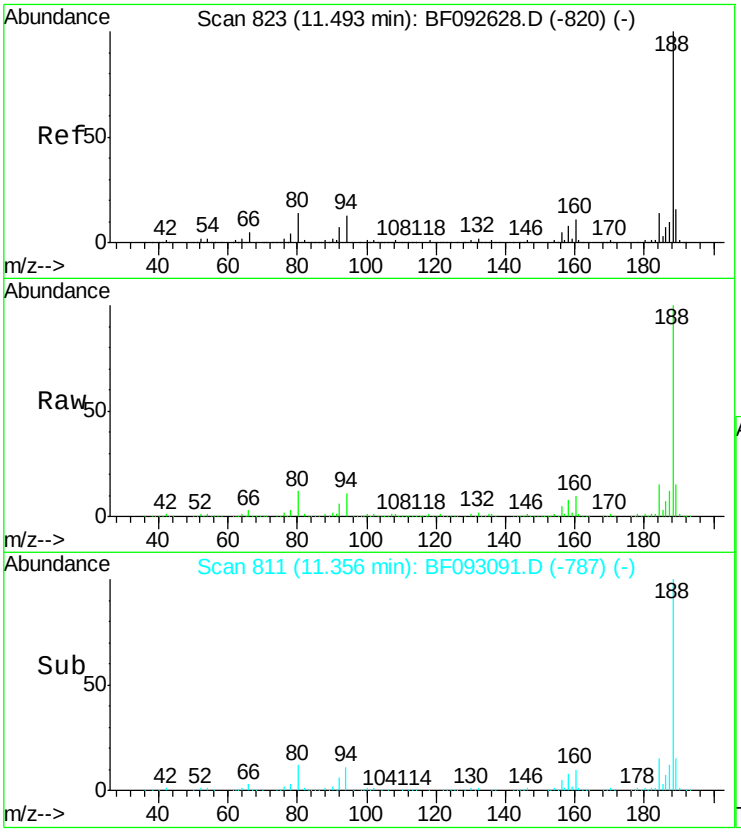


#62
Azobenzene
Concen: 53.58 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion: 77 Resp: 996810

Ion	Ratio	Lower	Upper
77	100		
182	15.8	0.0	39.3
105	21.4	2.3	42.3
51	32.6	8.9	48.9



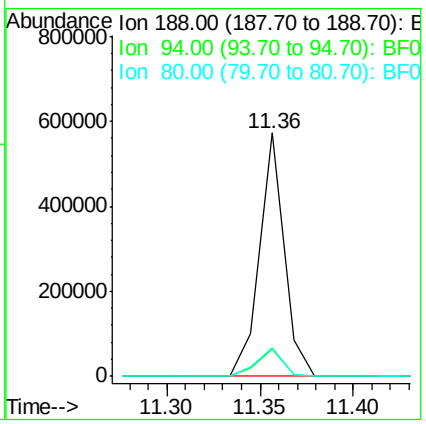


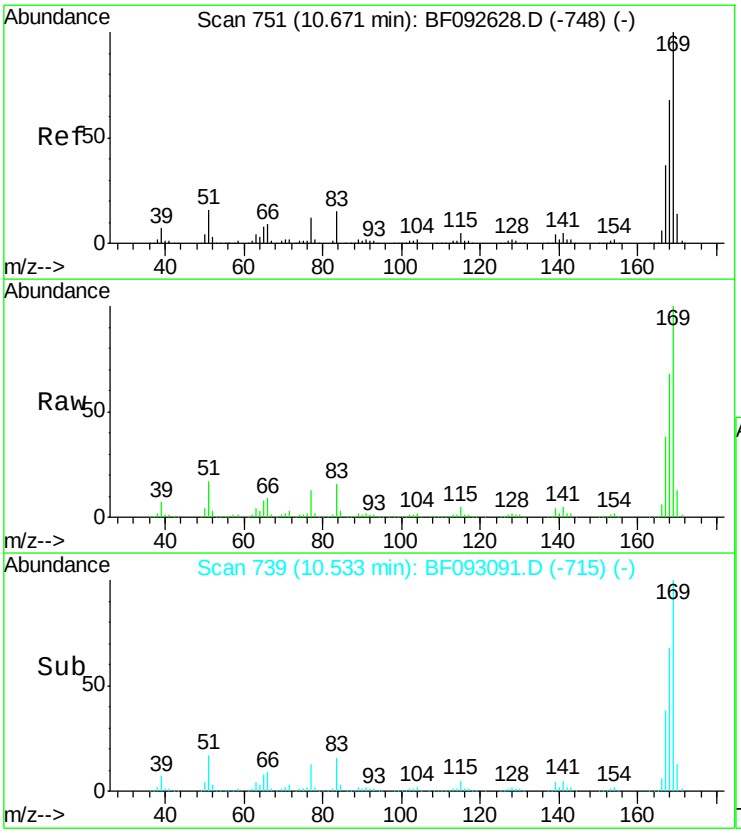
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:188 Resp: 522251

Ion	Ratio	Lower	Upper
188	100		
94	11.3	10.0	15.0
80	11.8	11.2	16.8

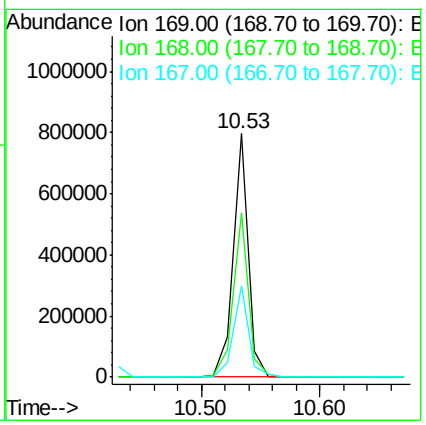


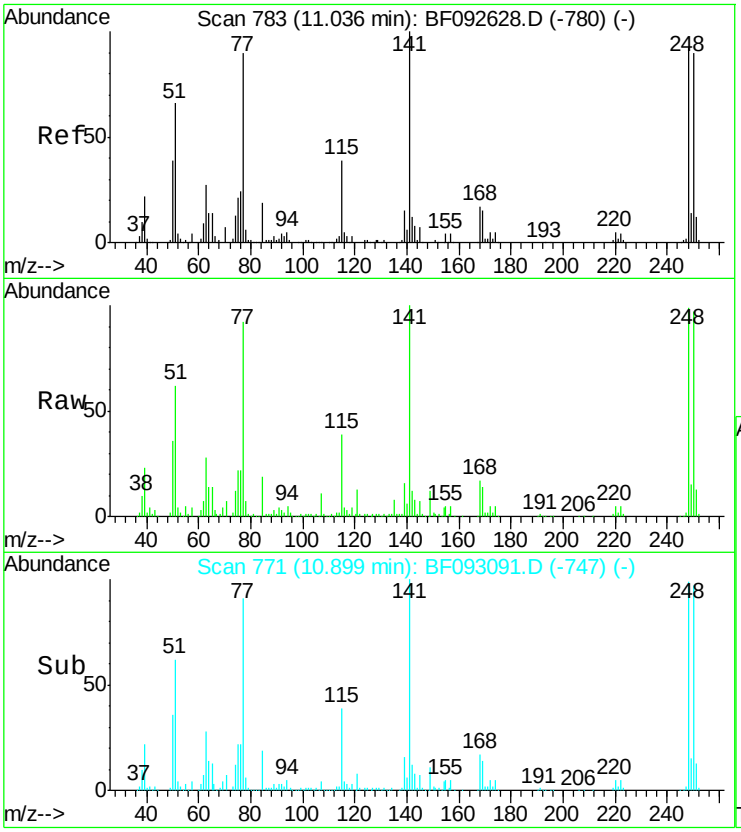


#65
n-Nitrosodiphenylamine
Concen: 42.21 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:169 Resp: 704236

Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.2	81.2
167	37.7	30.2	45.4



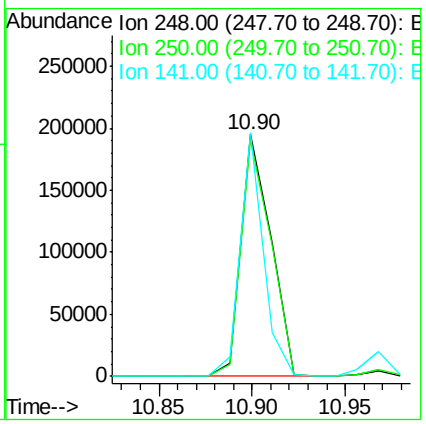


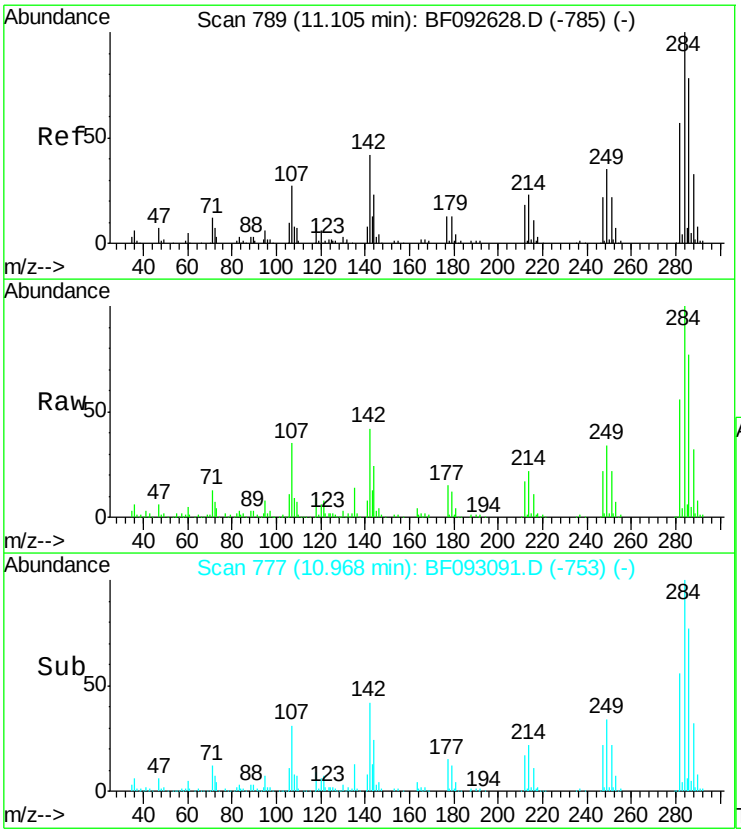
#66
4-Bromophenyl-phenylether
Concen: 39.59 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:248 Resp: 215993

Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.9	115.3
141	100.7	68.2	102.4

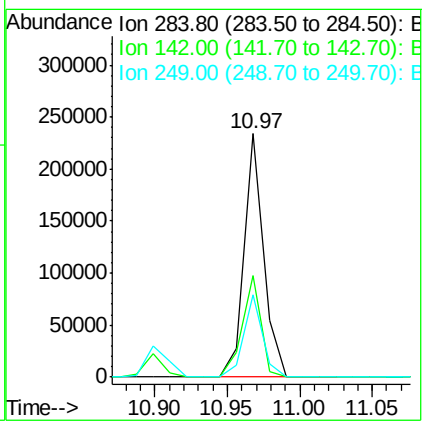


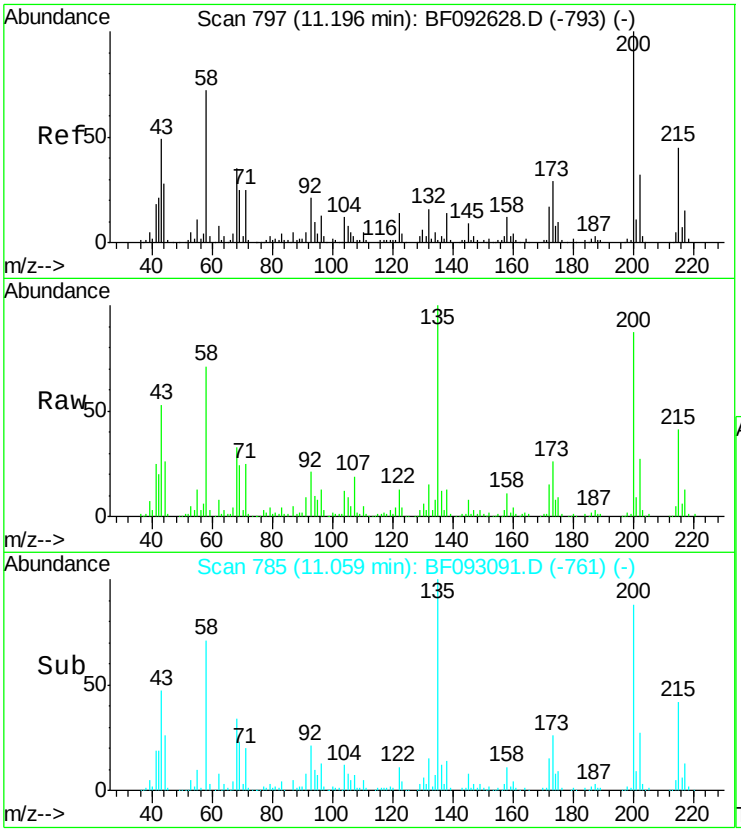


#67
Hexachlorobenzene
Concen: 40.45 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:284 Resp: 218103

Ion	Ratio	Lower	Upper
284	100		
142	41.6	22.6	33.8#
249	33.9	25.4	38.0



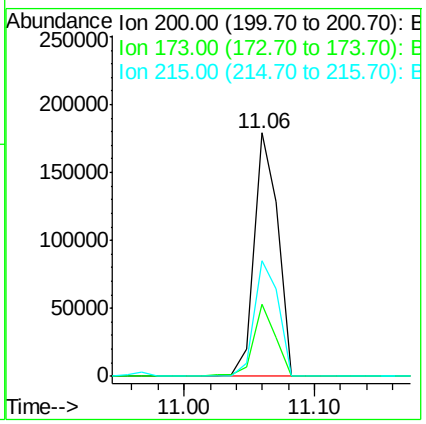


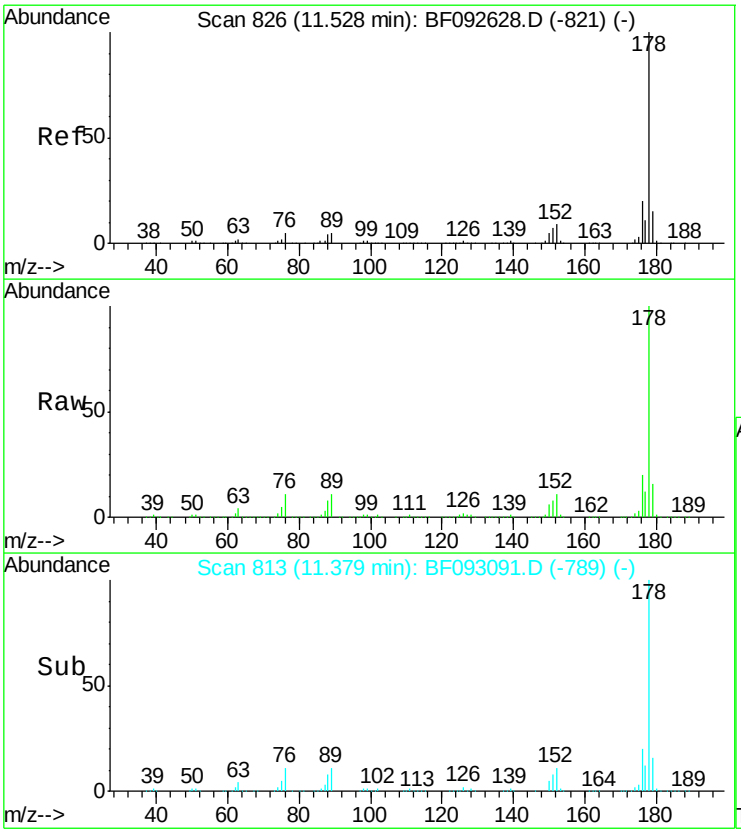
#68
Atrazine
Concen: 42.36 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:200 Resp: 226802

Ion	Ratio	Lower	Upper
200	100		
173	29.7	9.6	49.6
215	47.4	25.7	65.7

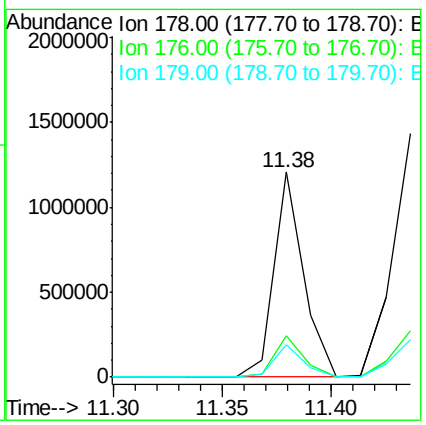


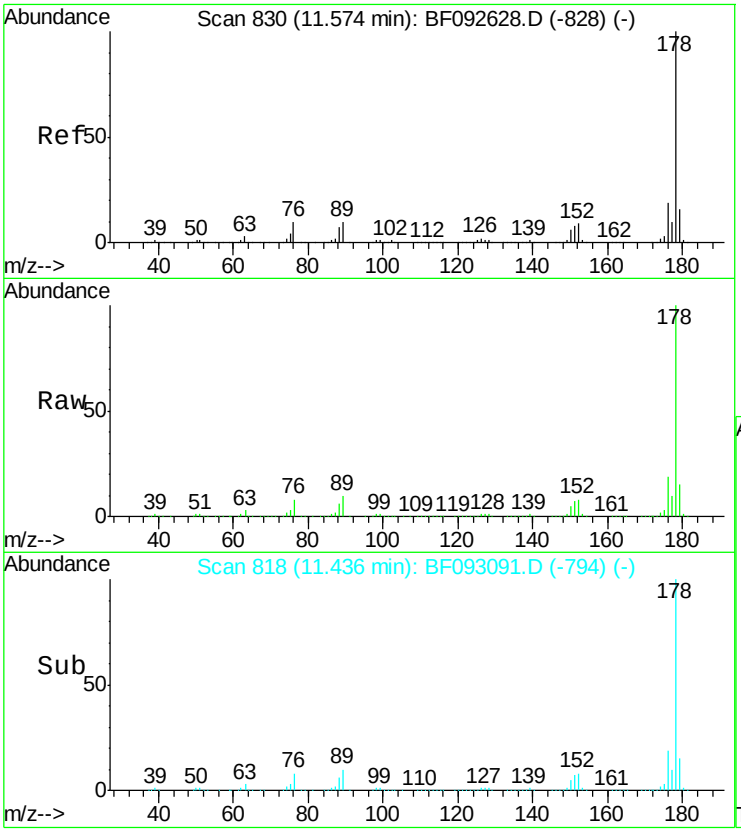


#70
Phenanthrene
Concen: 38.56 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:178 Resp: 1153743

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.6	25.0
179	15.8	12.8	19.2



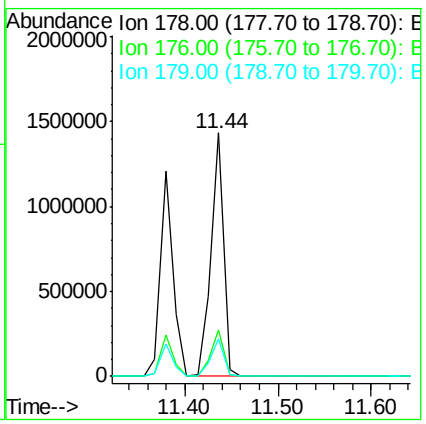


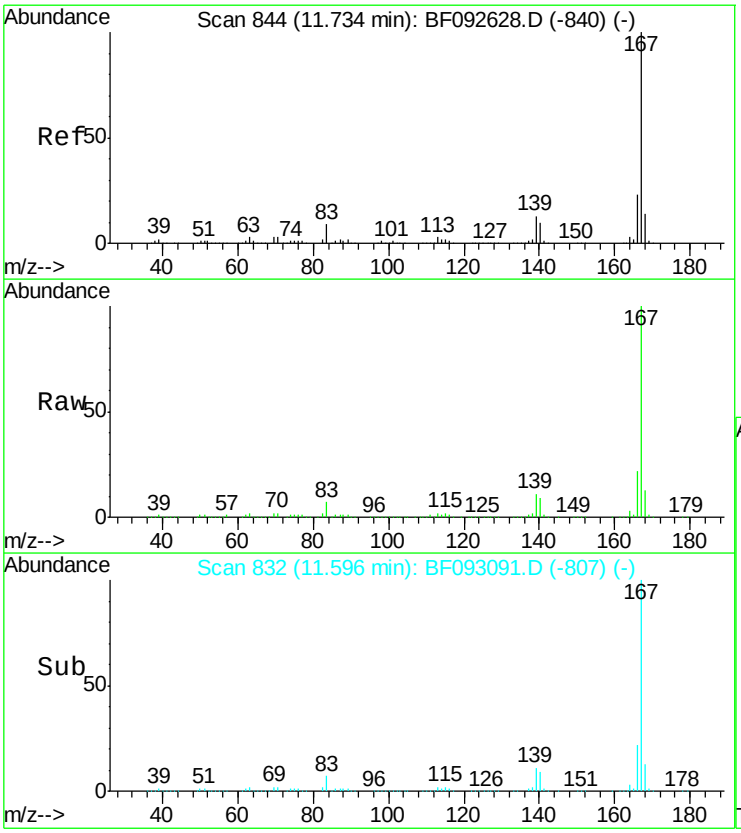
#71
Anthracene
Concen: 45.12 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:178 Resp: 1355728

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.3	13.2	19.8

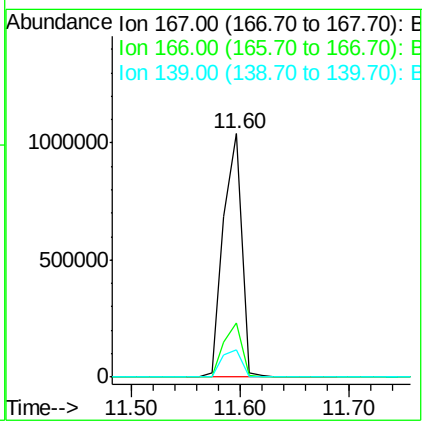


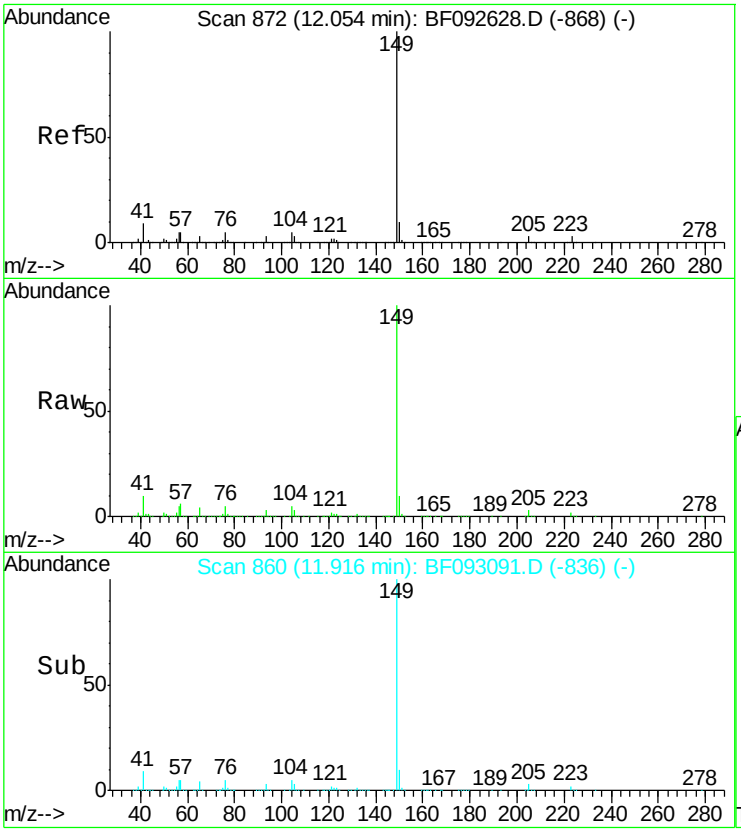


#72
Carbazole
Concen: 42.49 ng
RT: 11.60 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:167 Resp: 1220344

Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.2
139	11.4	11.4	17.2#



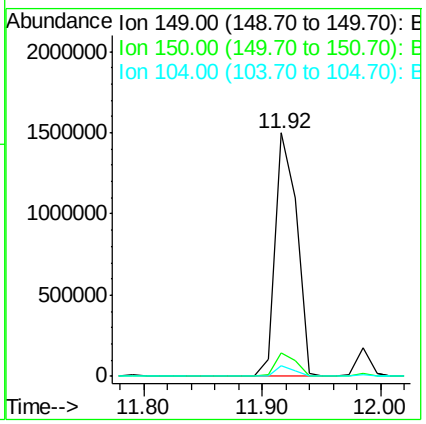


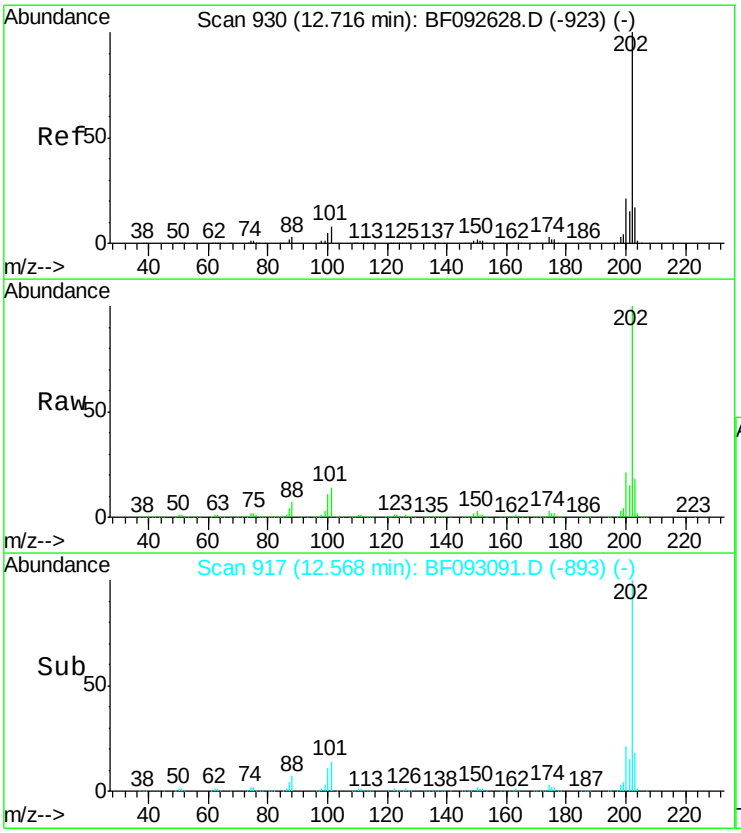
#73
Di-n-butylphthalate
Concen: 60.21 ng
RT: 11.92 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:149 Resp: 1870164

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.6	4.6	7.0#

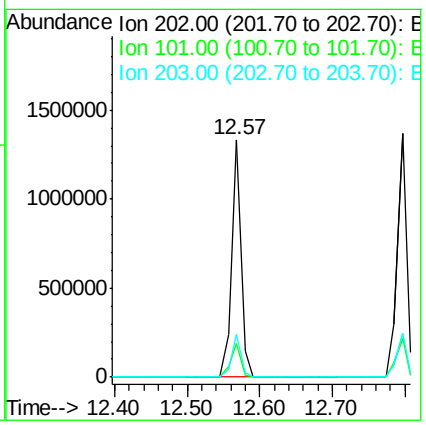


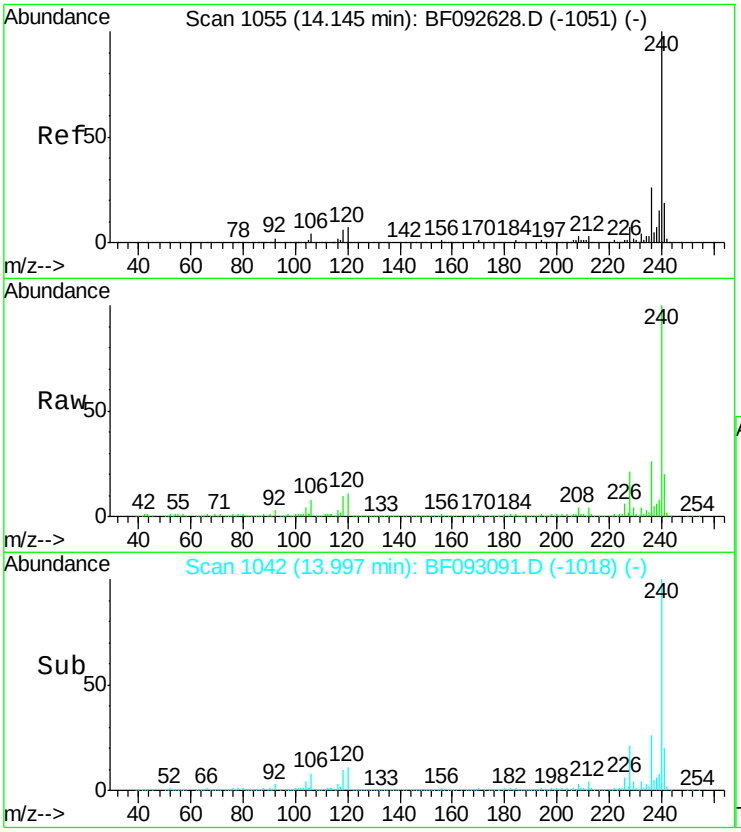


#74
Fluoranthene
Concen: 38.79 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:202 Resp: 1197126

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	17.9	0.0	38.7



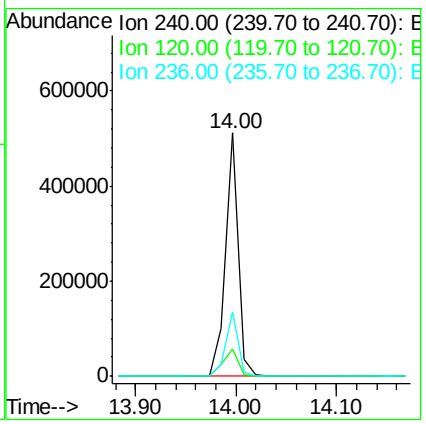


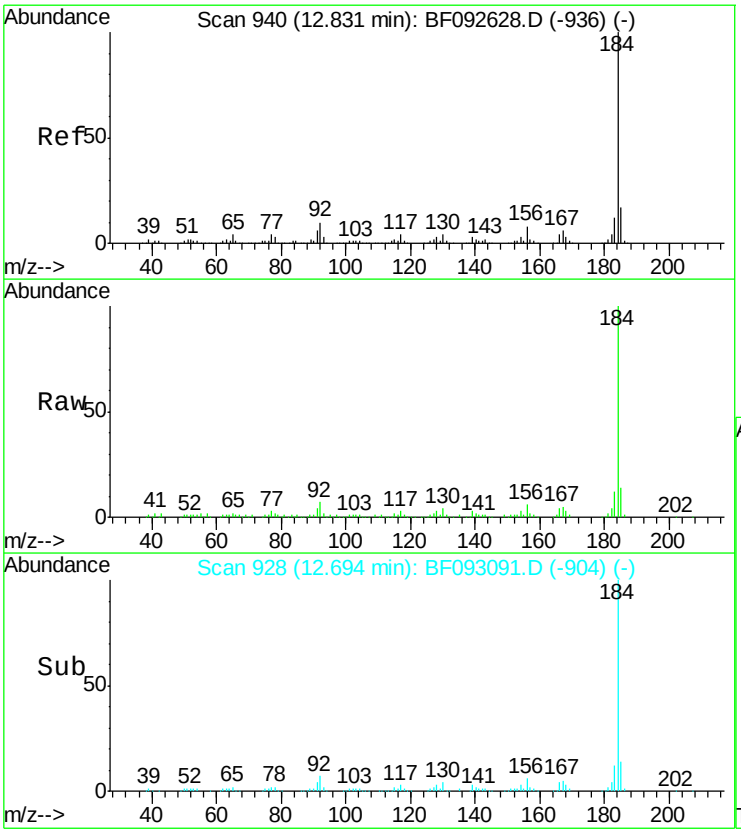
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:240 Resp: 448961

Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	26.3	20.9	31.3

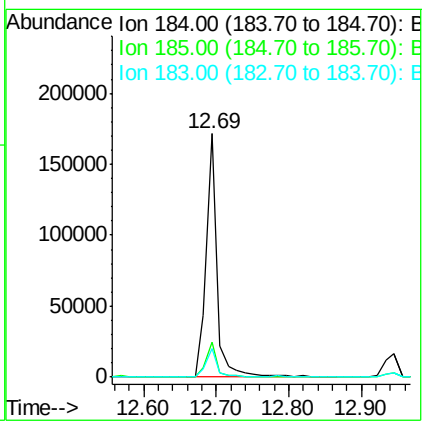


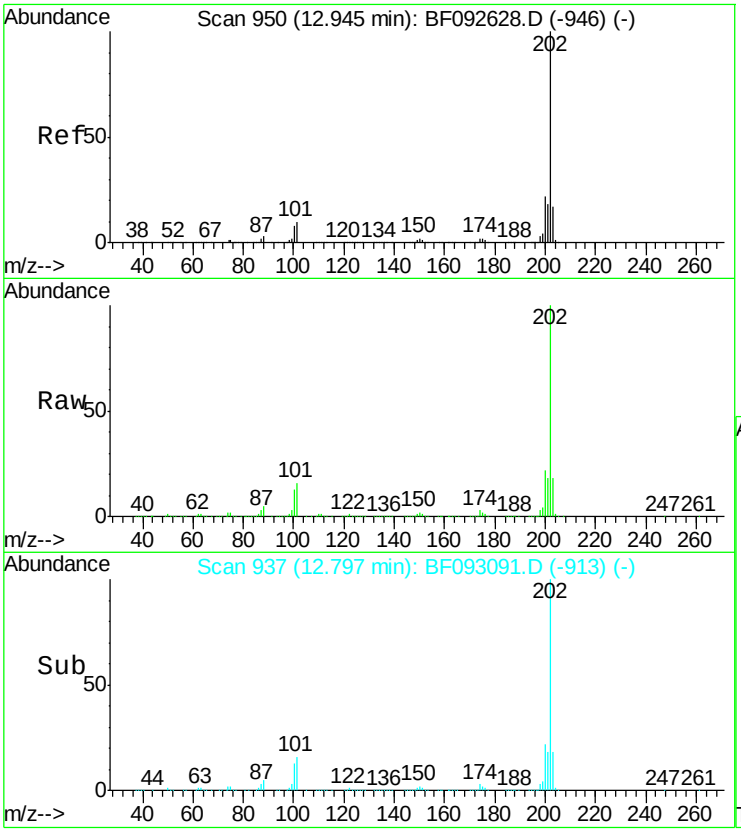


#76
Benzidine
Concen: 9.47 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:184 Resp: 181204

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.0
183	11.7	9.2	13.8



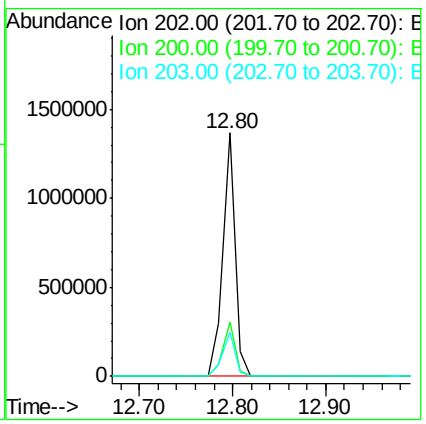


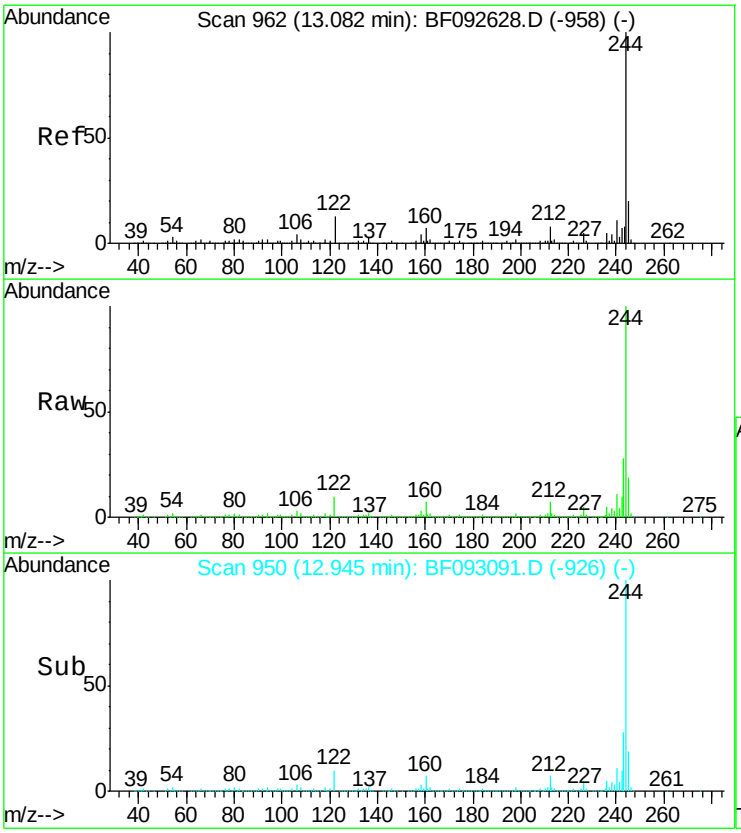
#77
Pyrene
Concen: 37.12 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Instrument :
BNA_F
ClientSampleId :
P-5MS

Tgt Ion:202 Resp: 1247043

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.9	14.7	22.1





#78
Terphenyl-d14
Concen: 79.89 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093091.D
Acq: 22 Feb 2017 22:33

Tgt Ion:244 Resp: 1526559

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.0	11.4	17.2#