Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094464.D
Acq On : 17 Apr 2017 22:03
Operator : SJ/MA
Sample : I2708-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:02:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	141005	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	574293	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	283482	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	503023	20.00	ng		0.00
75) Chrysene-d12	14.46	240	393336	20.00	ng		0.00
86) Perylene-d12	16.08	264	269441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	270514	31.83	ng		0.00
7) Phenol-d6	5.37	99	351585	35.09	ng		-0.02
23) Nitrobenzene-d5	6.40	82	206418	22.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	65014	29.32	ng		-0.01
44) 2-Fluorobiphenyl	8.58	172	420859	21.84	ng		0.00
78) Terphenyl-d14	13.19	244	328421	22.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	114	0.02	ng	#	1
6) Aniline	5.50	93	341	0.03	ng	#	1
8) 2-Chlorophenol	5.52	128	112	0.01	ng	#	1
9) Benzaldehyde	5.37	77	480	0.06	ng	#	1
10) Phenol	5.39	94	4095	0.33	ng		97
11) bis(2-Chloroethyl)ether	5.50	93	341	0.04	ng	#	1
15) Benzyl Alcohol	5.93	79	3509	0.47	ng	#	36
17) 2-Methylphenol	6.08	107	126	0.02	ng	#	63
19) n-Nitroso-di-n-propylamine	6.40	70	26144	3.94	ng	#	79
20) 3+4-Methylphenols	6.27	107	557	0.05	ng	#	38
24) Nitrobenzene	6.39	77	151	0.02	ng	#	39
25) Isophorone	6.72	82	109	0.01	ng	#	67
28) bis(2-Chloroethoxy)methane	7.26	93	116	0.01	ng	#	1
31) Naphthalene	7.28	128	13980	0.51	ng		97
33) 4-Chloroaniline	7.28	127	1865	0.16	ng	#	39
37) 2-Methylnaphthalene	8.24	142	3132	0.17	ng		93
45) 1,1'-Biphenyl	8.70	154	1913	0.08	ng		94
47) 2-Nitroaniline	9.07	65	912	0.17	ng	#	1
48) Acenaphthylene	9.22	152	10878	0.38	ng		97
49) Dimethylphthalate	9.08	163	110207	5.22	ng		98
50) 2,6-Dinitrotoluene	9.07	165	1155	0.24	ng	#	1
51) Acenaphthene	9.43	154	4473	0.26	ng		99
54) Dibenzofuran	9.65	168	10979	0.44	ng		93
55) 4-Nitrophenol	9.65	139	3523	0.91	ng	#	25
56) 2,4-Dinitrotoluene	9.39	165	35811	6.15	ng	#	33
57) Fluorene	10.06	166	9567	0.49	ng		95
59) Diethylphthalate	9.95	149	932	0.05	ng	#	60
62) Azobenzene	10.27	77	254	0.01	ng	#	1
65) n-Nitrosodiphenylamine	10.22	169	389	0.02	ng	#	73
70) Phenanthrene	11.24	178	167275	5.91	ng		97
71) Anthracene	11.30	178	29135	0.99	ng		98
72) Carbazole	11.51	167	16537	0.60	ng		95
73) Di-n-butylphthalate	11.96	149	1615	0.05	ng	#	67
74) Fluoranthene	12.70	202	260492	8.87	ng		97

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Data File : BF094464.D
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Operator : SJ/MA
Sample : I2708-13 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:02:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
77) Pyrene	12.97	202	243168	8.85	ng		99
79) Butylbenzylphthalate	13.80	149	276	0.02	ng	#	39
80) Benzo(a)anthracene	14.44	228	83752	3.66	ng		97
81) 3,3'-Dichlorobenzidine	14.53	252	578	0.07	ng	#	74
82) Chrysene	14.49	228	86187	4.13	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	1273	0.08	ng	#	52
84) Di-n-octyl phthalate	15.27	149	1802	0.07	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.34	276	34358	1.73	ng		95
87) Benzo(b)fluoranthene	15.68	252	106579	6.47	ng		98
88) Benzo(k)fluoranthene	15.68	252	106579	6.83	ng		97
89) Benzo(a)pyrene	16.02	252	56515	3.69	ng		97
90) Dibenzo(a,h)anthracene	17.36	278	8730	0.69	ng		97
91) Benzo(g,h,i)perylene	17.72	276	31981	2.47	ng		96

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

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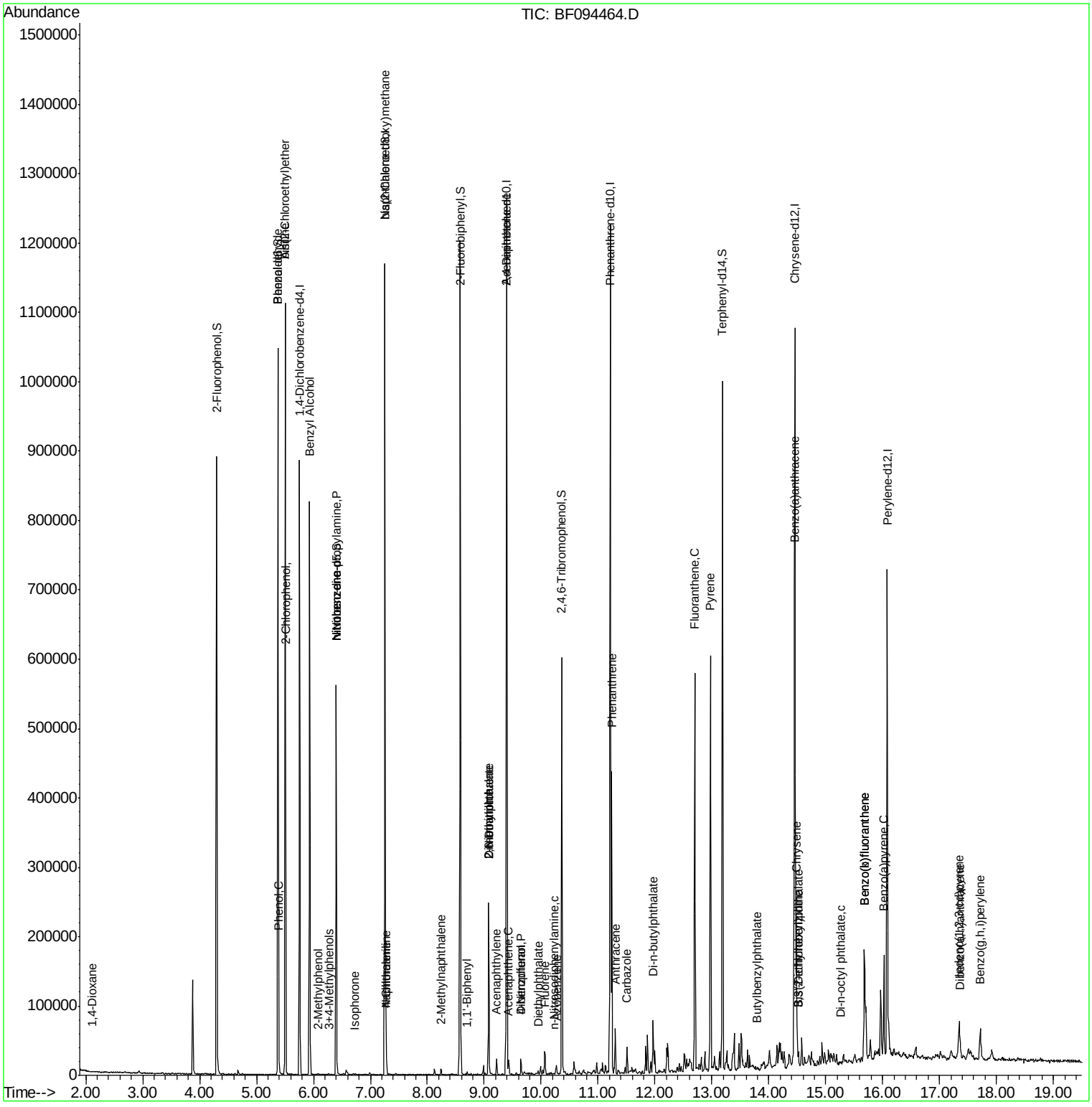
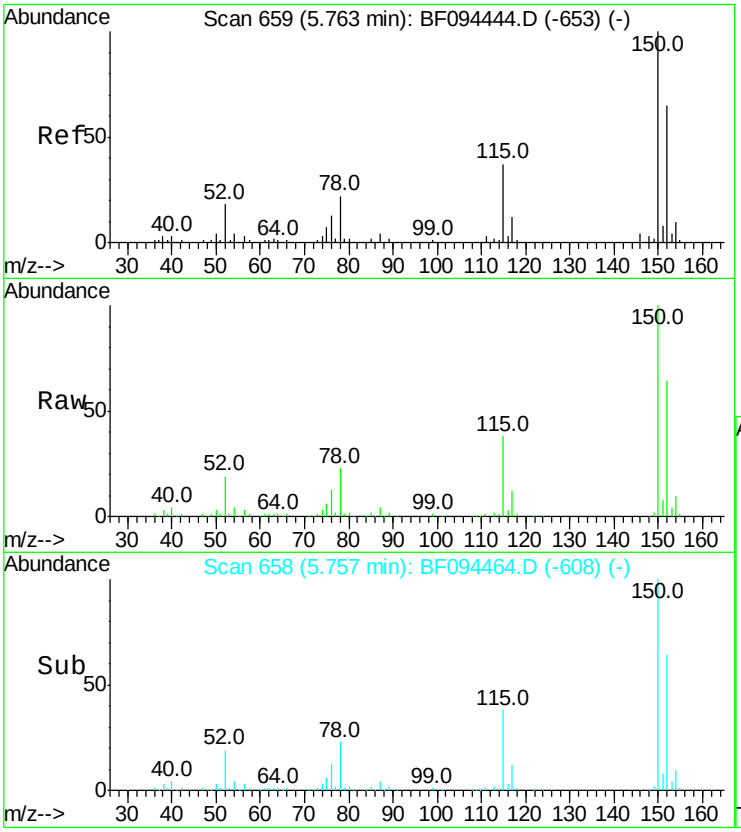


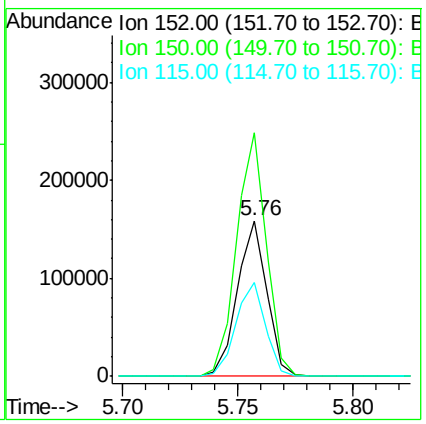


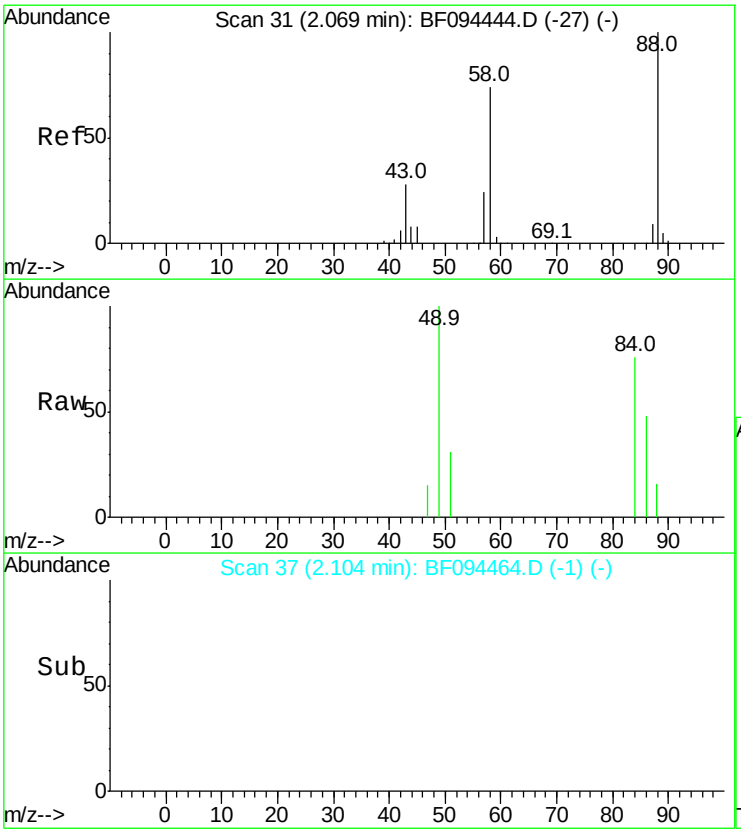
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141005

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	60.2	52.2	78.2

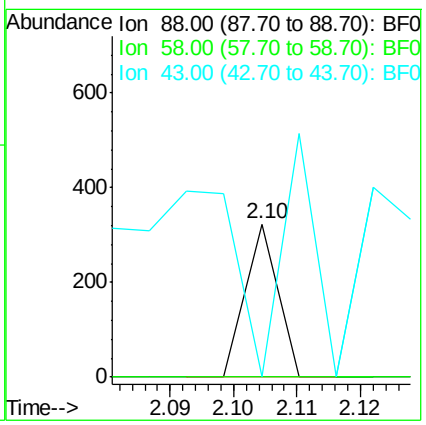


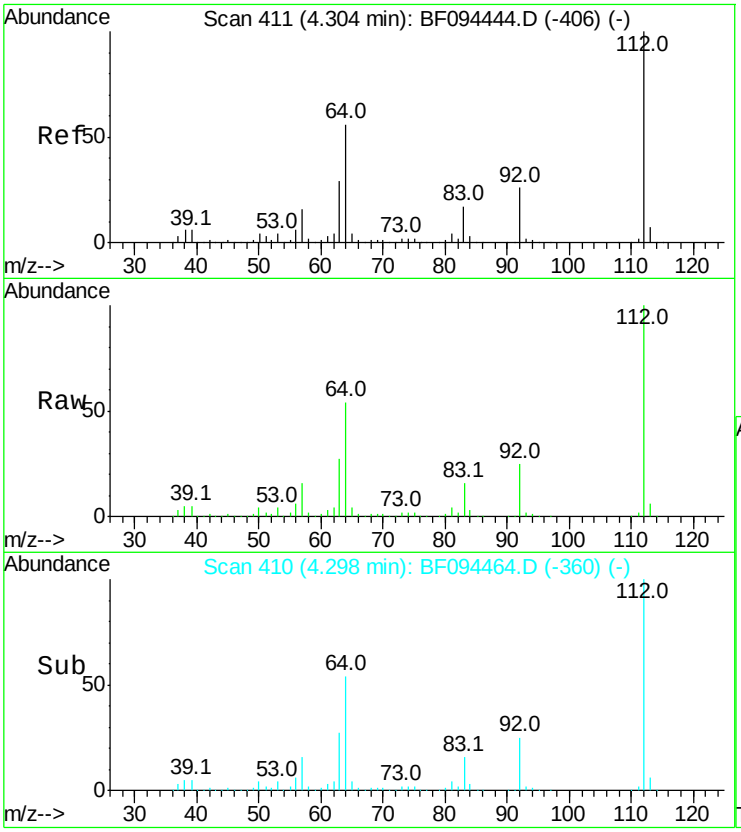


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 2.10 min Scan# 37
Delta R.T. 0.04 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 88 Resp: 114

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	158.8	23.4	35.0#



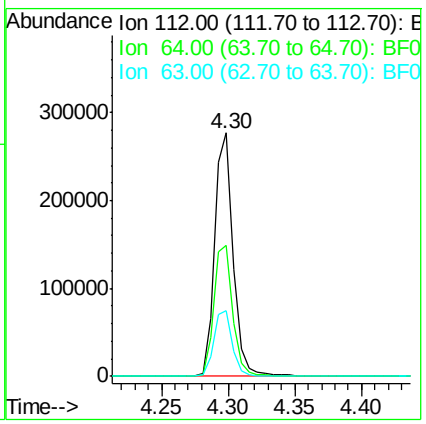


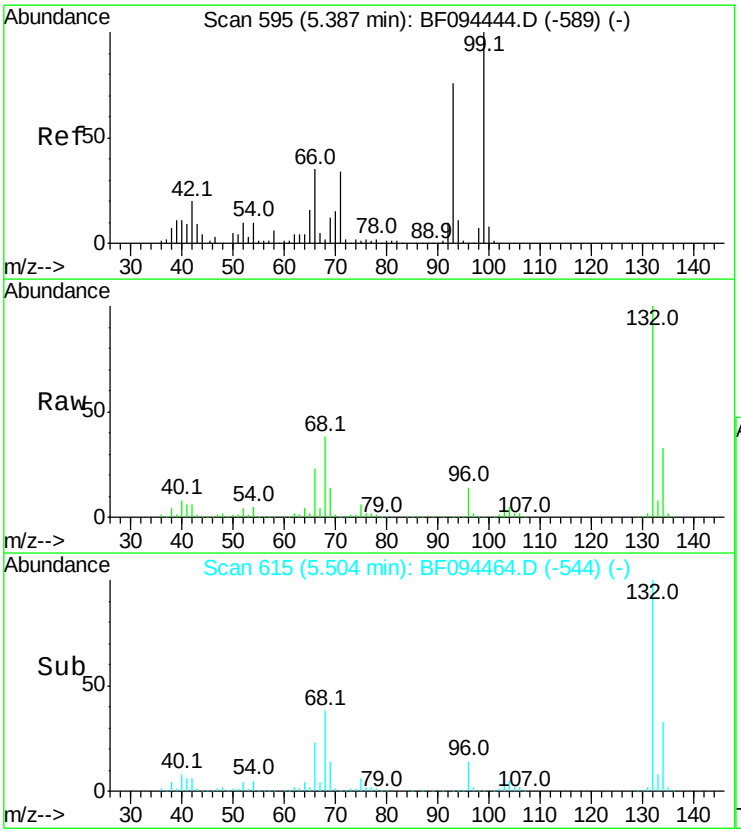
#5
2-Fluorophenol
Concen: 31.83 ng
RT: 4.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 270514

Ion	Ratio	Lower	Upper
112	100		
64	53.8	46.0	69.0
63	27.0	23.4	35.0

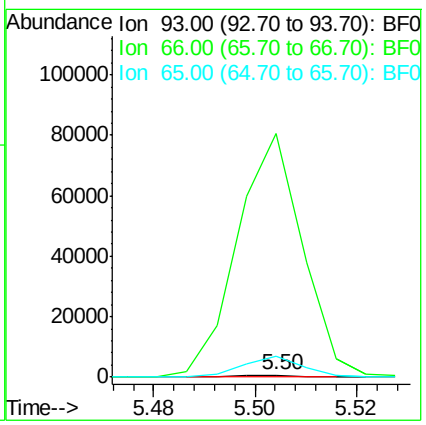


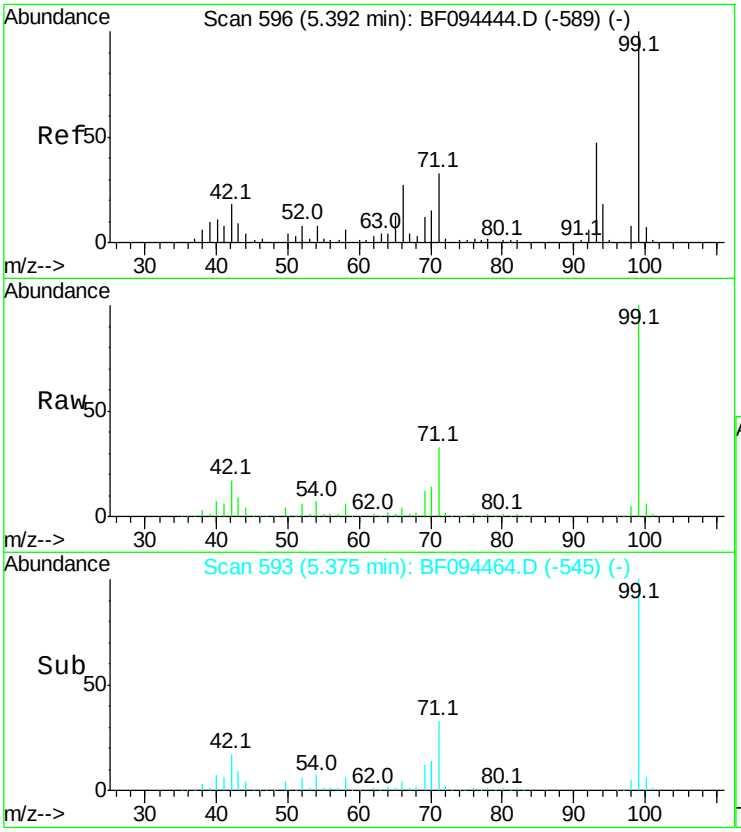


#6
Aniline
Concen: 0.03 ng
RT: 5.50 min Scan# 615
Delta R.T. 0.12 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 93 Resp: 341

Ion	Ratio	Lower	Upper
93	100		
66	14033.4	32.9	49.3#
65	1174.9	16.0	24.0#

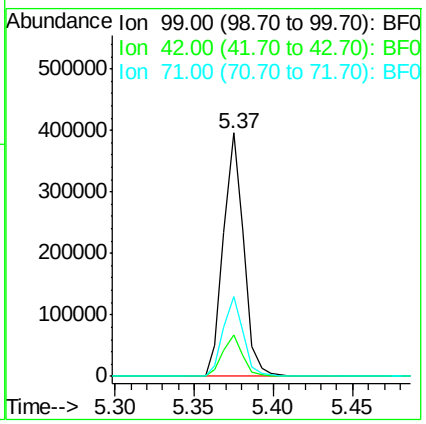




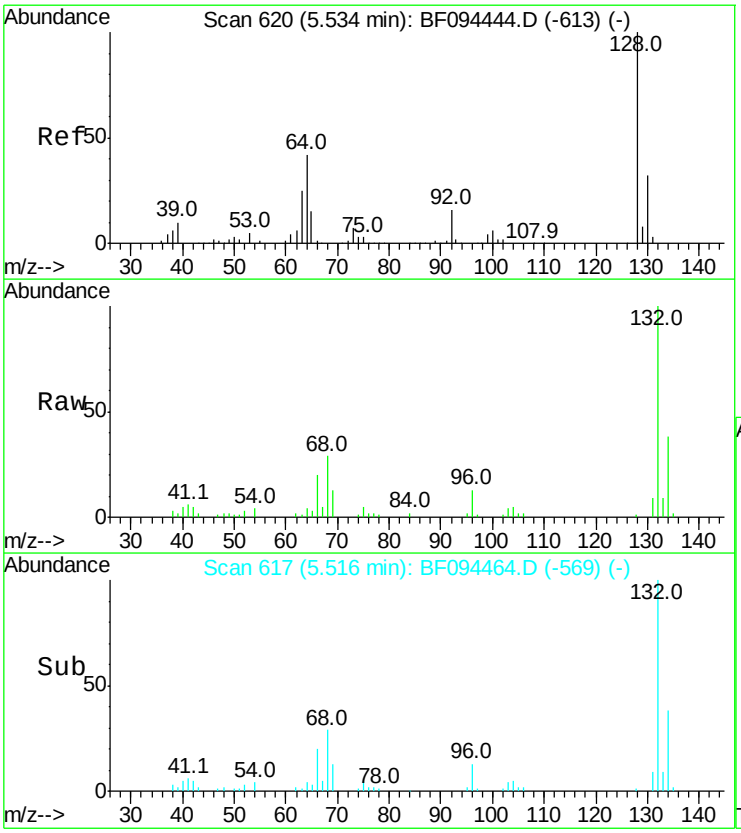
#7
Phenol-d6
Concen: 35.09 ng
RT: 5.37 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 99 Resp: 351585

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	32.8	24.5	36.7



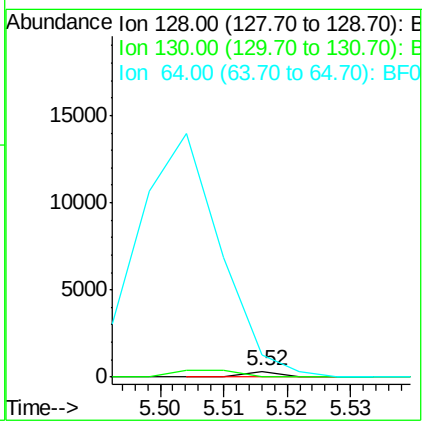
Instrument :
BNA_F
ClientSampleId :

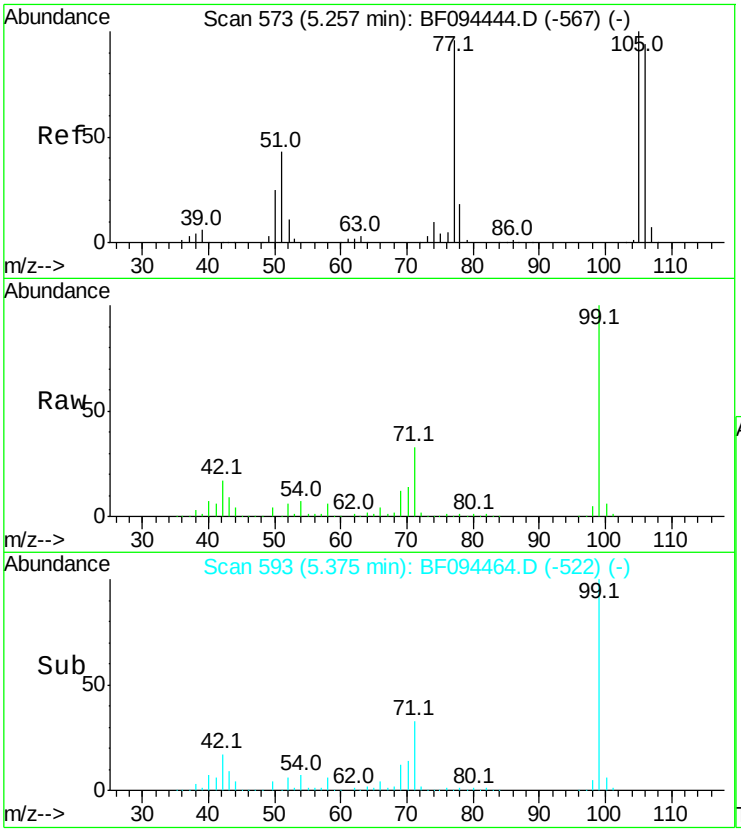


#8
2-Chlorophenol
Concen: 0.01 ng
RT: 5.52 min Scan# 617
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:128 Resp: 112

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.9	52.9#
64	406.0	28.4	68.4#



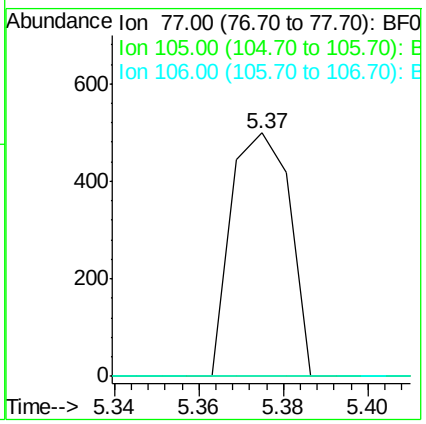


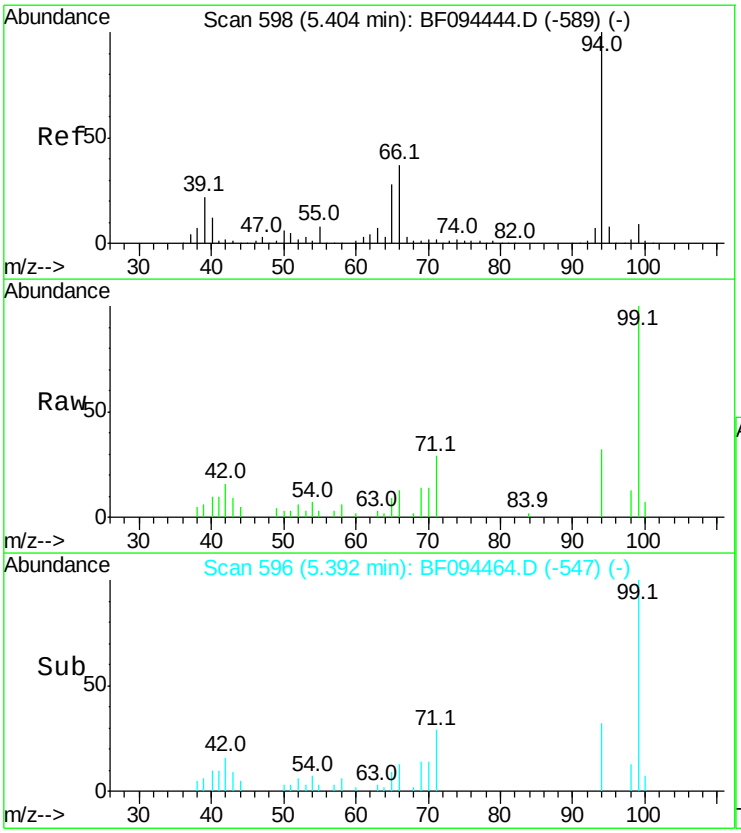
#9
Benzaldehyde
Concen: 0.06 ng
RT: 5.37 min Scan# 593
Delta R.T. 0.12 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 480

Ion	Ratio	Lower	Upper
77	100		
105	0.0	83.8	123.8#
106	0.0	79.1	119.1#

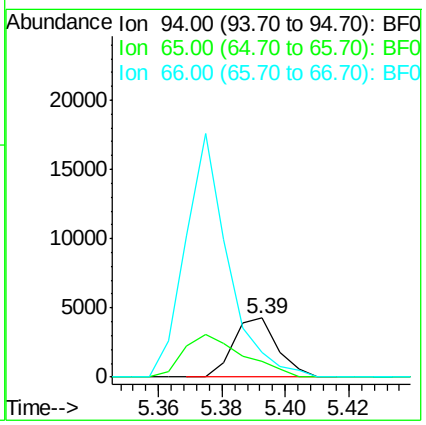


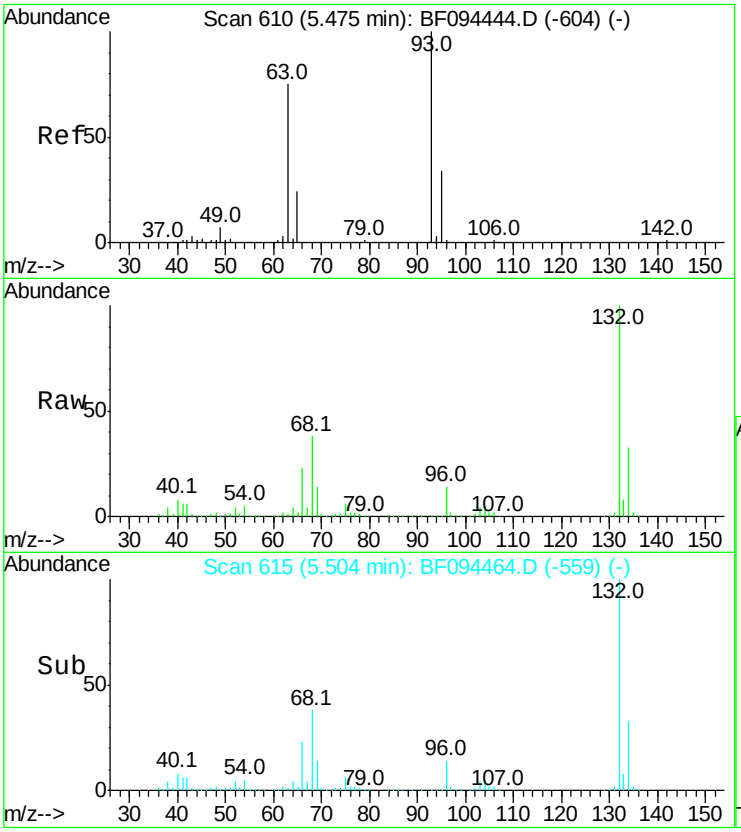


#10
Phenol
Concen: 0.33 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 94 Resp: 4095

Ion	Ratio	Lower	Upper
94	100		
65	27.6	9.9	49.9
66	41.4	23.1	63.1



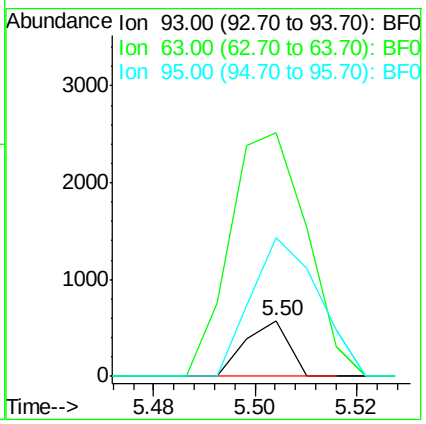


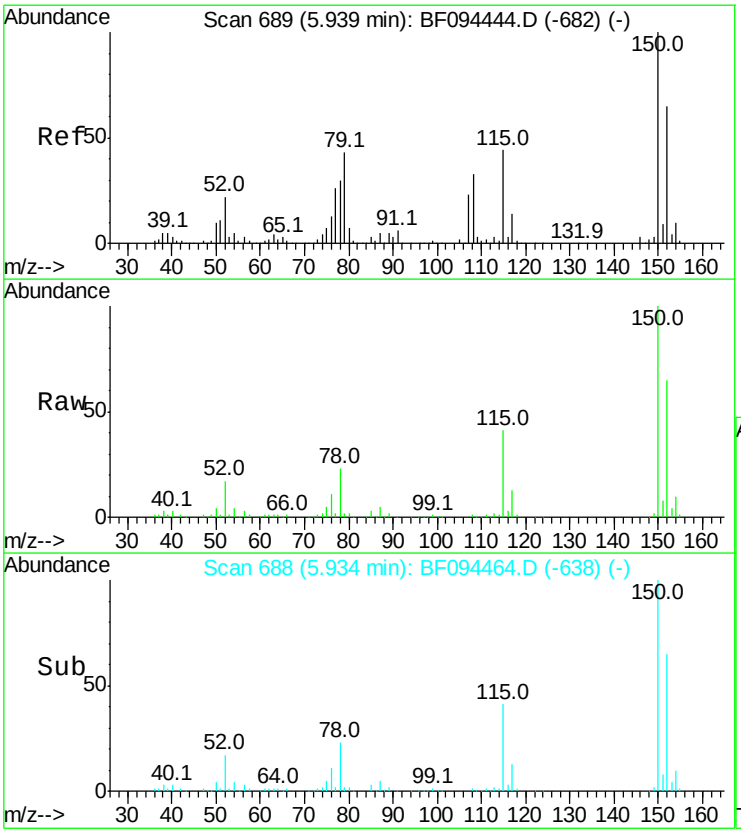
#11
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 5.50 min Scan# 615
Delta R.T. 0.03 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 341

Ion	Ratio	Lower	Upper
93	100		
63	438.0	59.2	99.2#
95	249.7	12.8	52.8#

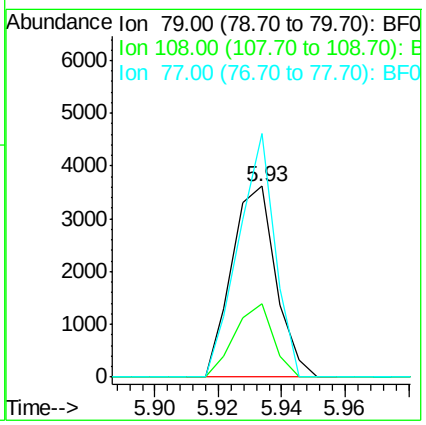


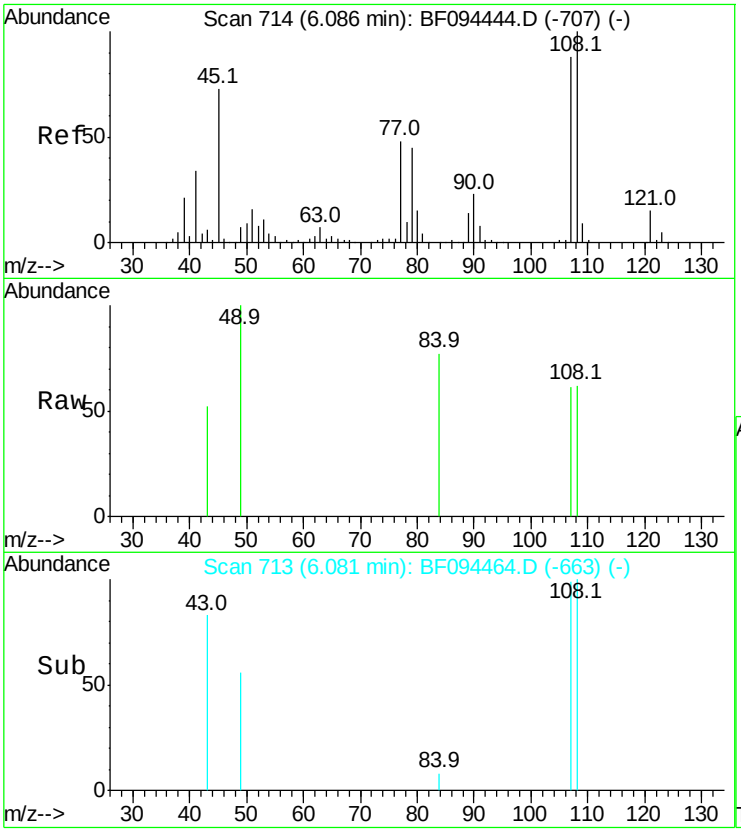


#15
Benzyl Alcohol
Concen: 0.47 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 79 Resp: 3509

Ion	Ratio	Lower	Upper
79	100		
108	38.3	63.4	95.0#
77	127.5	49.2	73.8#



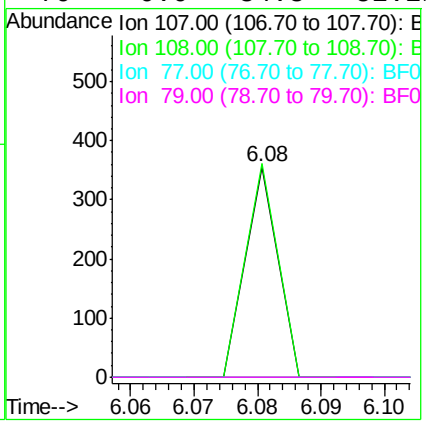


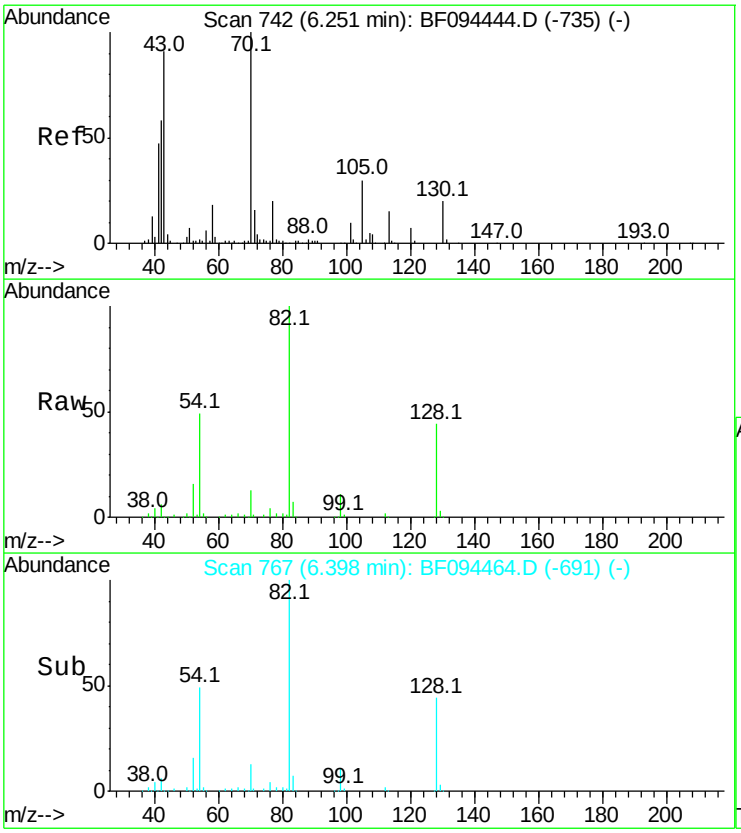
#17
2-Methylphenol
Concen: 0.02 ng
RT: 6.08 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 126

Ion	Ratio	Lower	Upper
107	100		
108	101.4	93.4	140.0
77	0.0	35.8	53.6#
79	0.0	34.8	52.2#

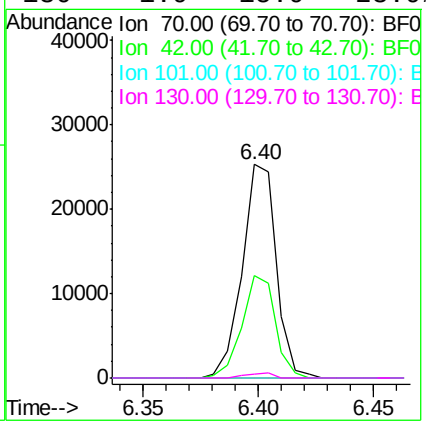


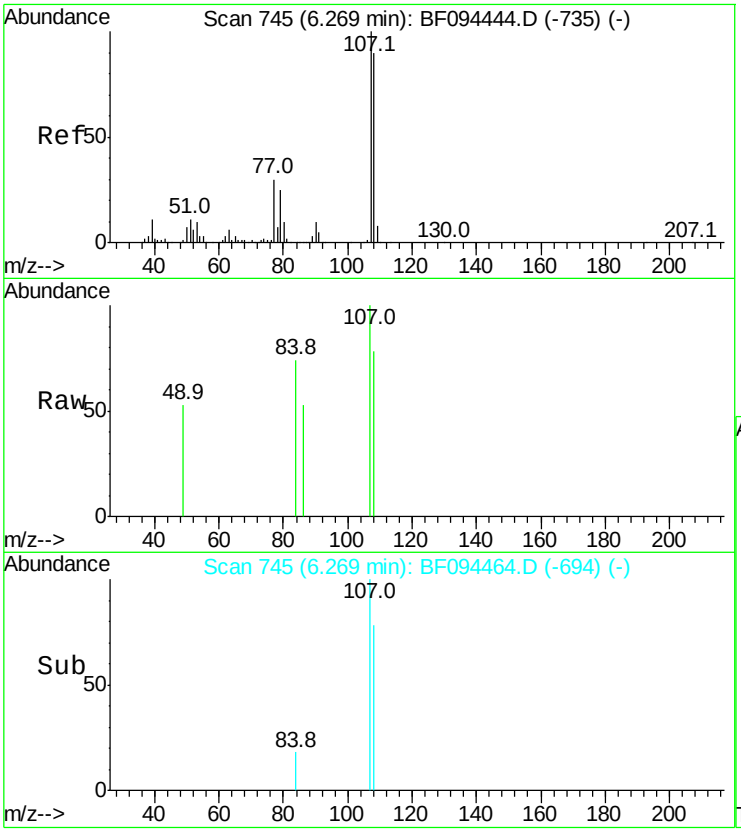


#19
n-Nitroso-di-n-propylamine
Concen: 3.94 ng
RT: 6.40 min Scan# 767
Delta R.T. 0.15 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 70 Resp: 26144

Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#



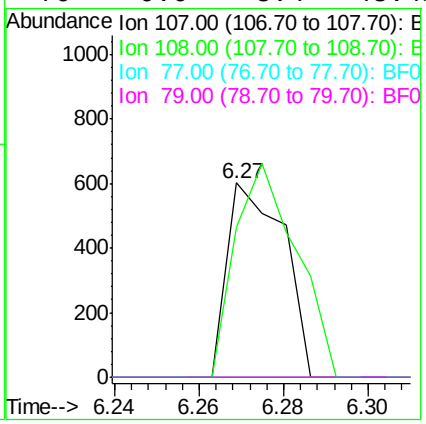


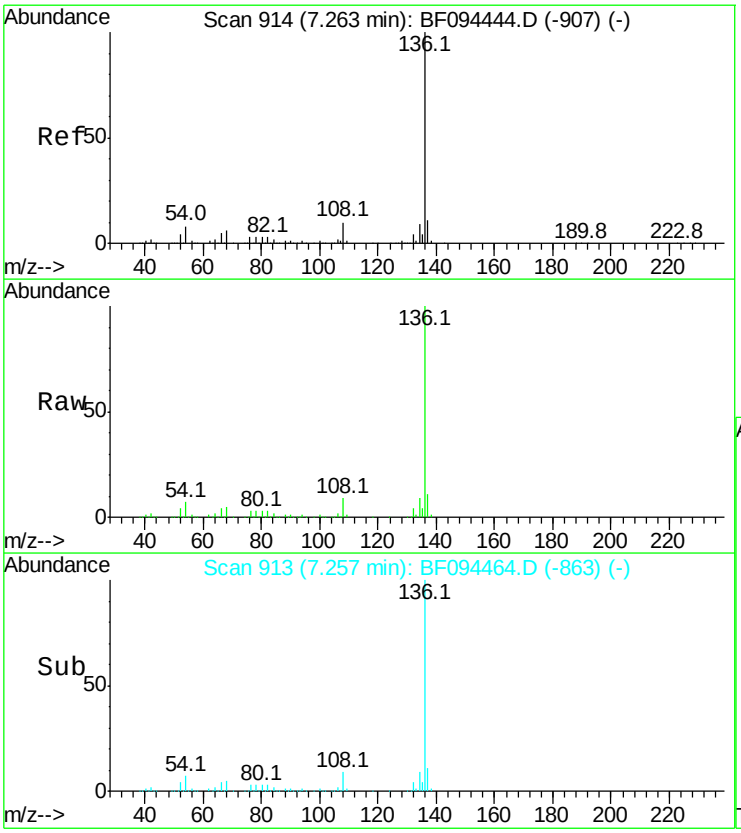
#20
3+4-Methylphenols
Concen: 0.05 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 557

Ion	Ratio	Lower	Upper
107	100		
108	77.5	71.0	111.0
77	0.0	90.5	130.5#
79	0.0	8.4	48.4#

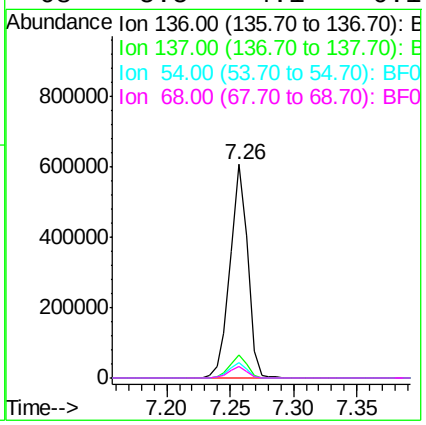


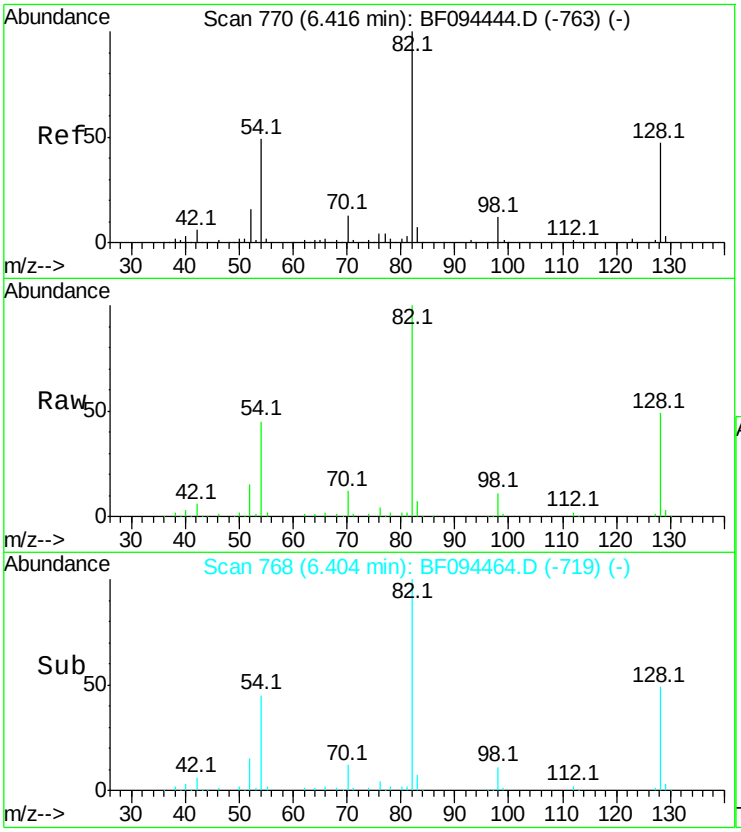


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:136 Resp: 574293

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.2	4.9	7.3
68	5.5	4.1	6.1



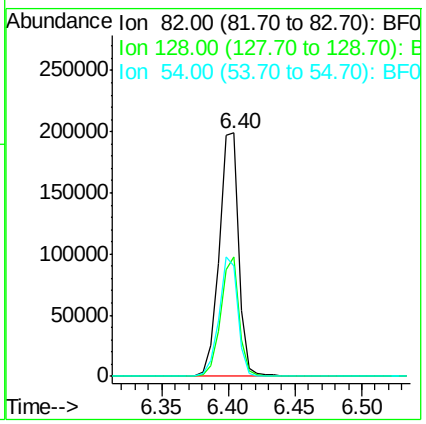


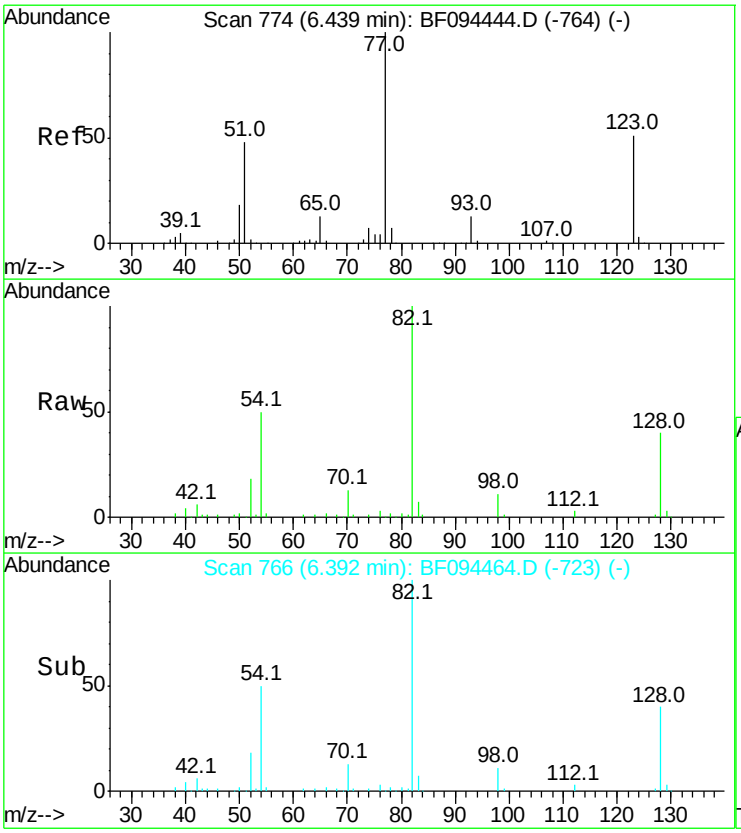
#23
Nitrobenzene-d5
Concen: 22.19 ng
RT: 6.40 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 206418

Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.0	51.0
54	45.4	42.2	63.2

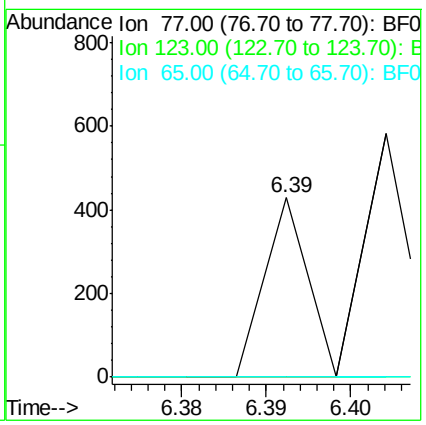


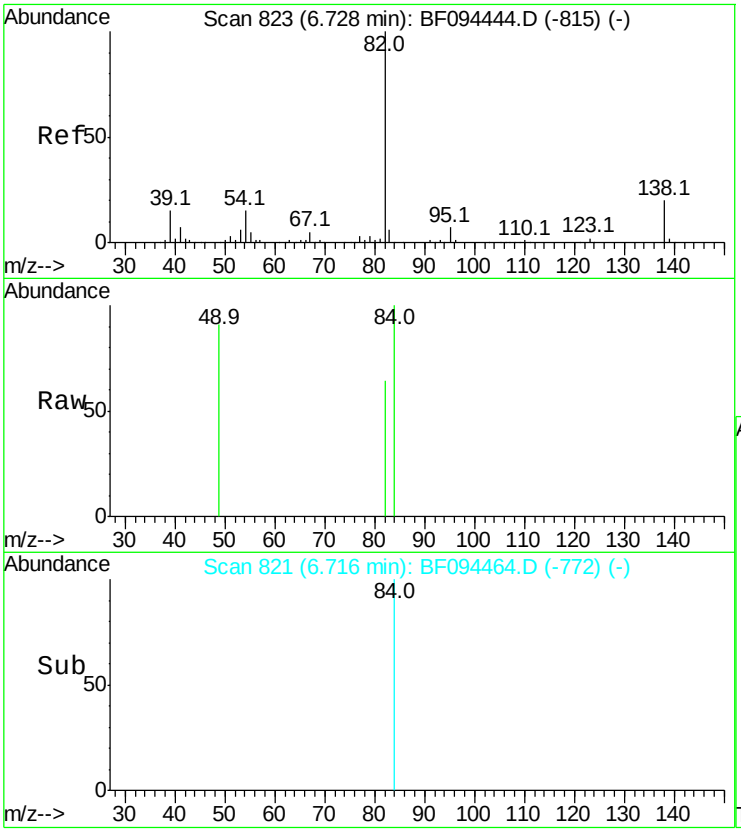


#24
Nitrobenzene
Concen: 0.02 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 77 Resp: 151

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	0.0	10.6	15.8#



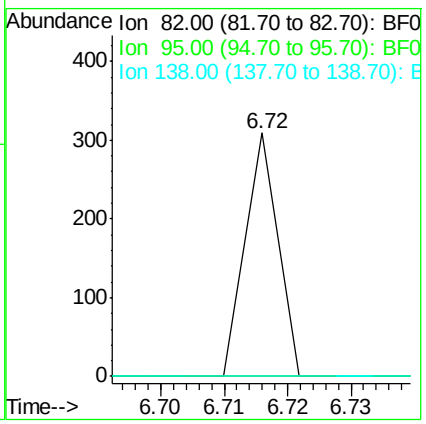


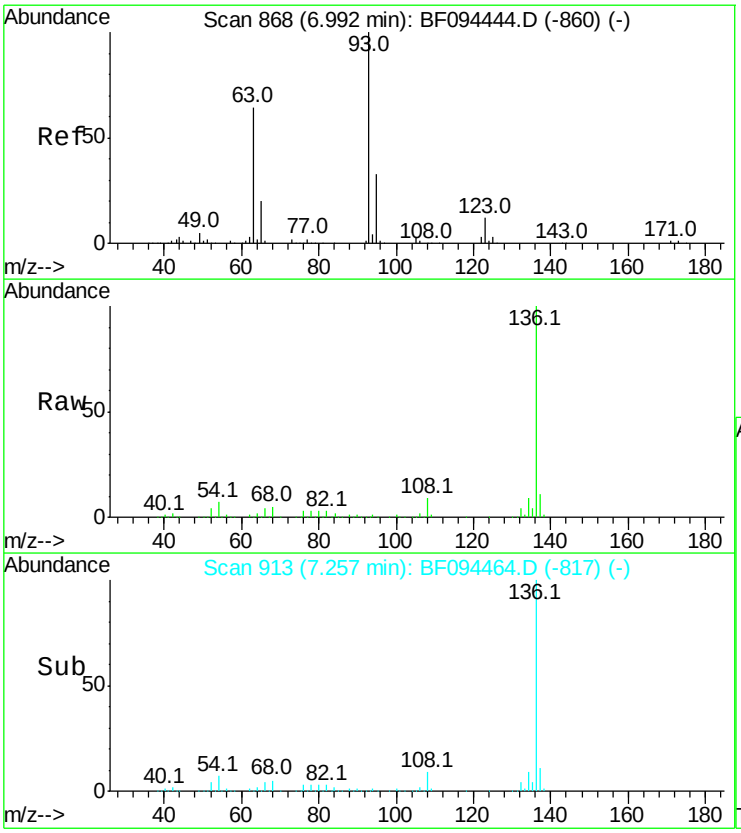
#25
Isophorone
Concen: 0.01 ng
RT: 6.72 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 109

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

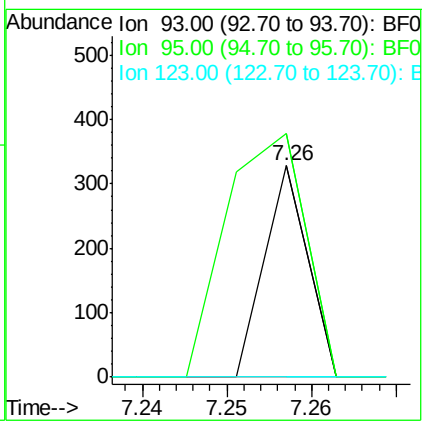


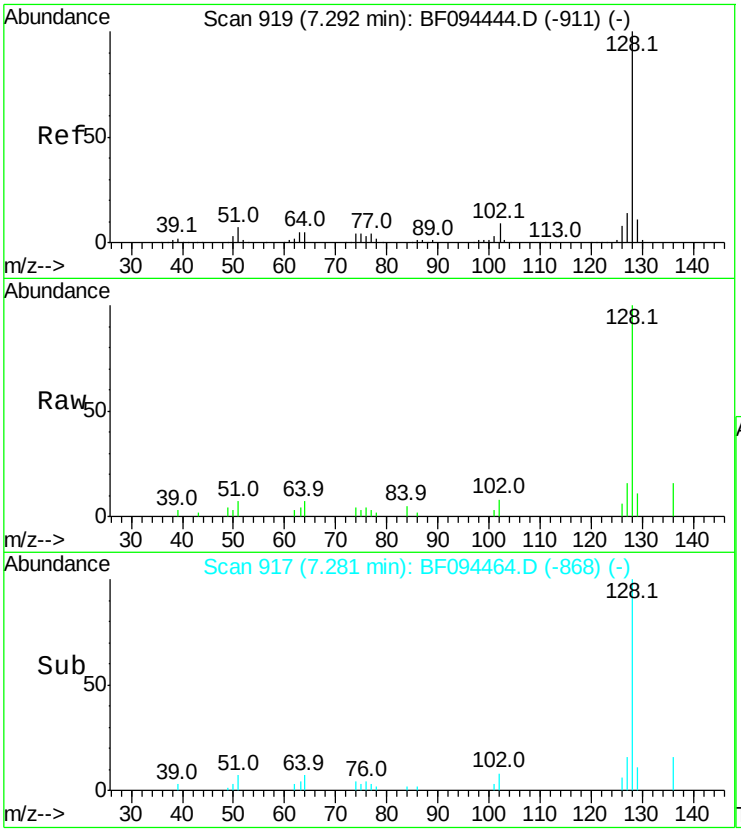


#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 7.26 min Scan# 913
Delta R.T. 0.26 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 93 Resp: 116

Ion	Ratio	Lower	Upper
93	100		
95	115.2	26.5	39.7#
123	0.0	9.0	13.4#



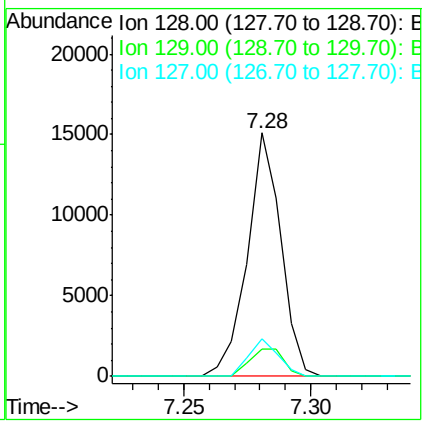


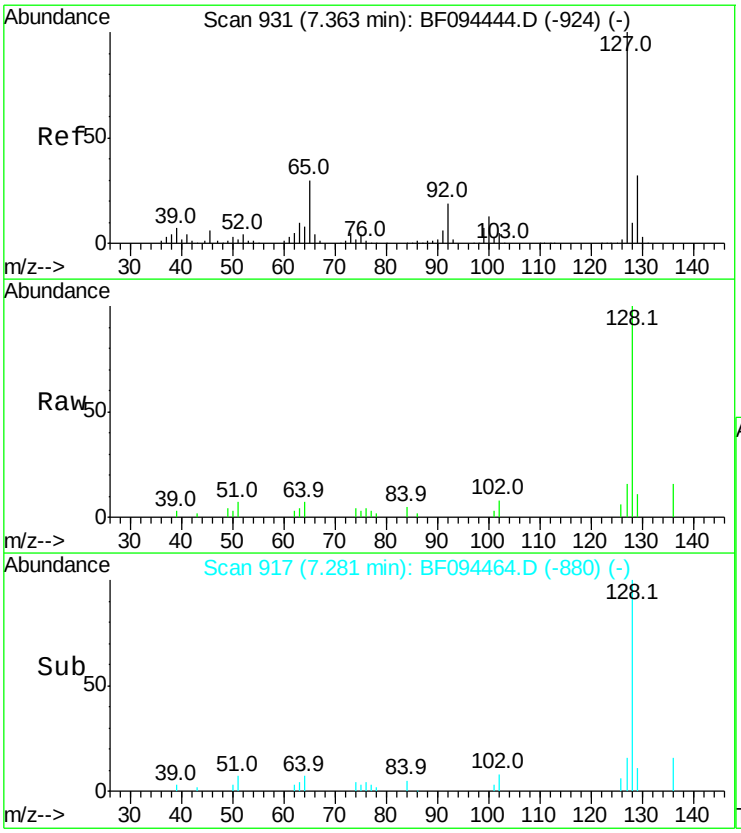
#31
Naphthalene
Concen: 0.51 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 13980

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	15.6	10.8	16.2

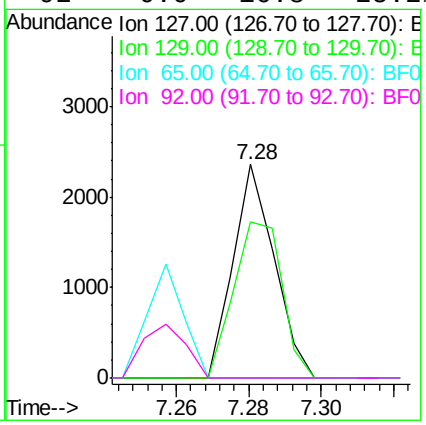


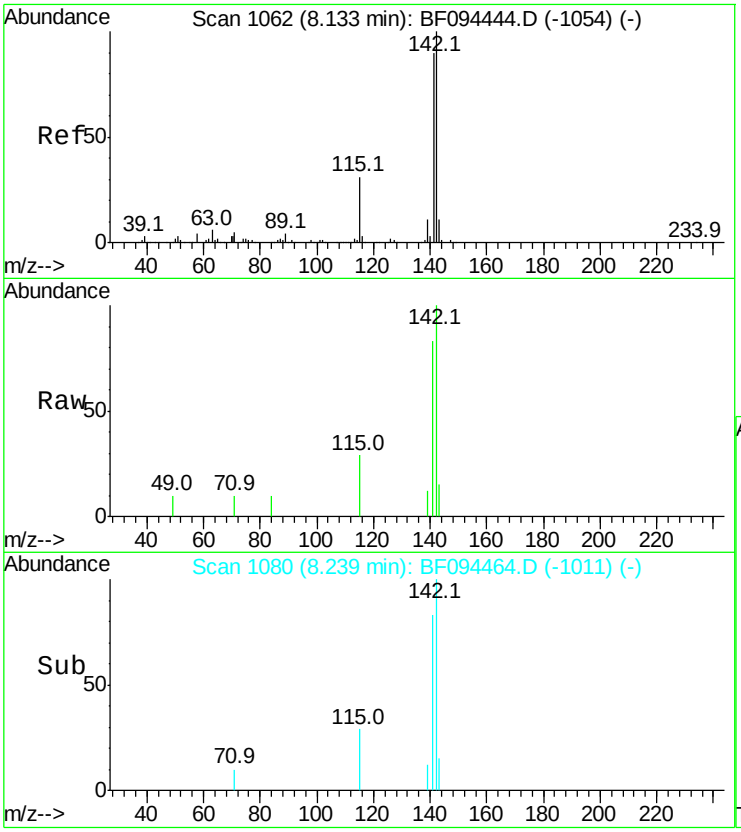


#33
4-Chloroaniline
Concen: 0.16 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.08 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:127 Resp: 1865

Ion	Ratio	Lower	Upper
127	100		
129	73.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



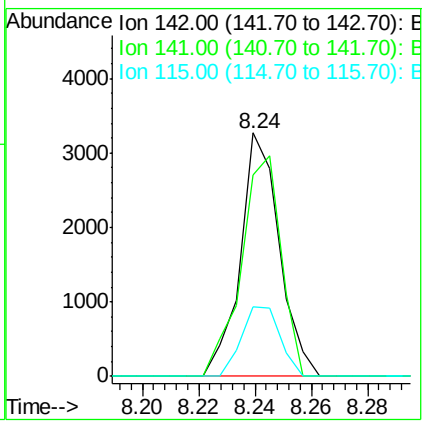


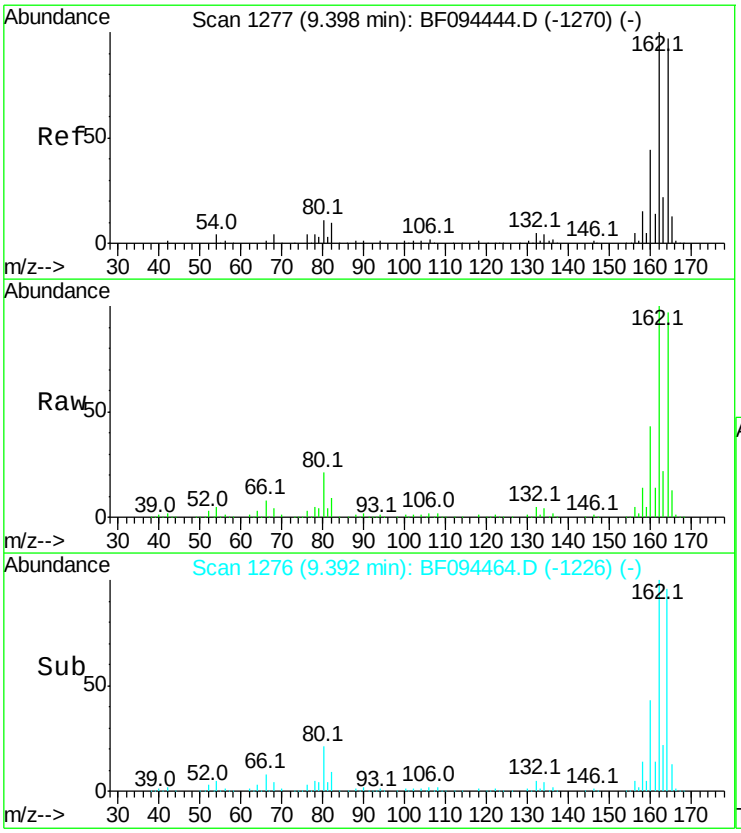
#37
2-Methylnaphthalene
Concen: 0.17 ng
RT: 8.24 min Scan# 1080
Delta R.T. 0.11 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 3132

Ion	Ratio	Lower	Upper
142	100		
141	82.7	71.3	106.9
115	28.6	27.1	40.7

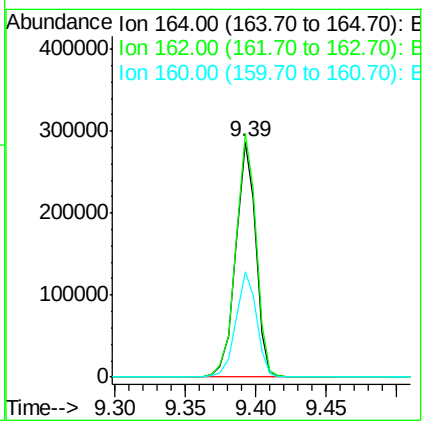


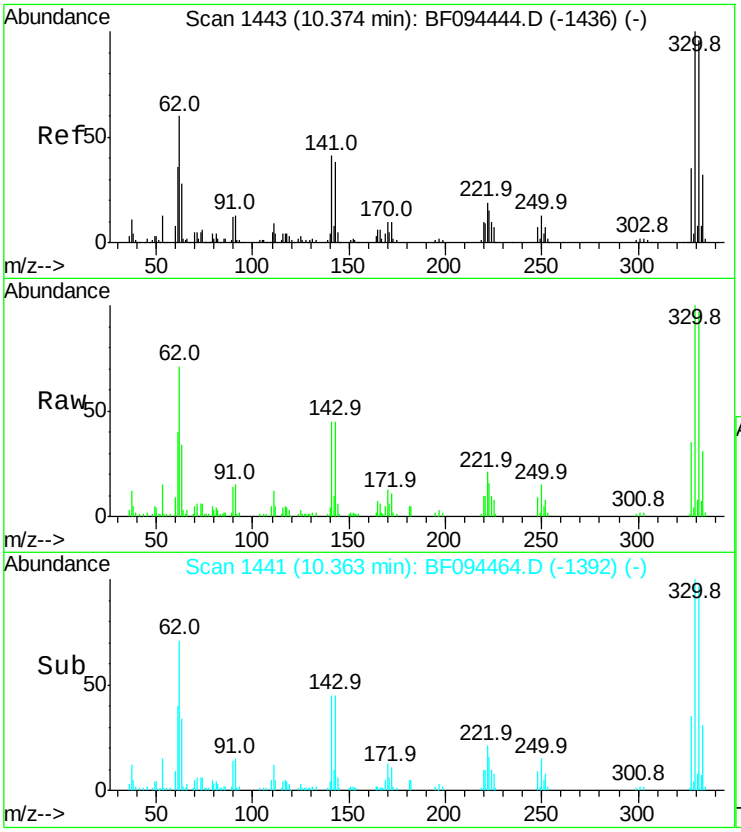


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:164 Resp: 283482

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	44.8	36.2	54.2



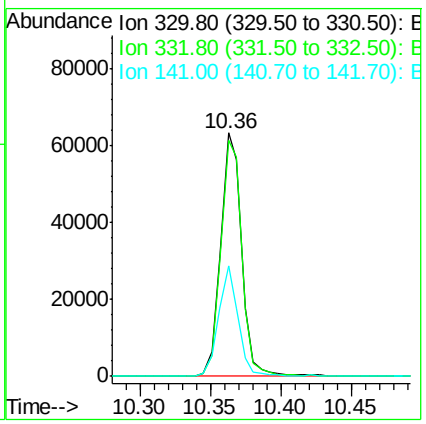


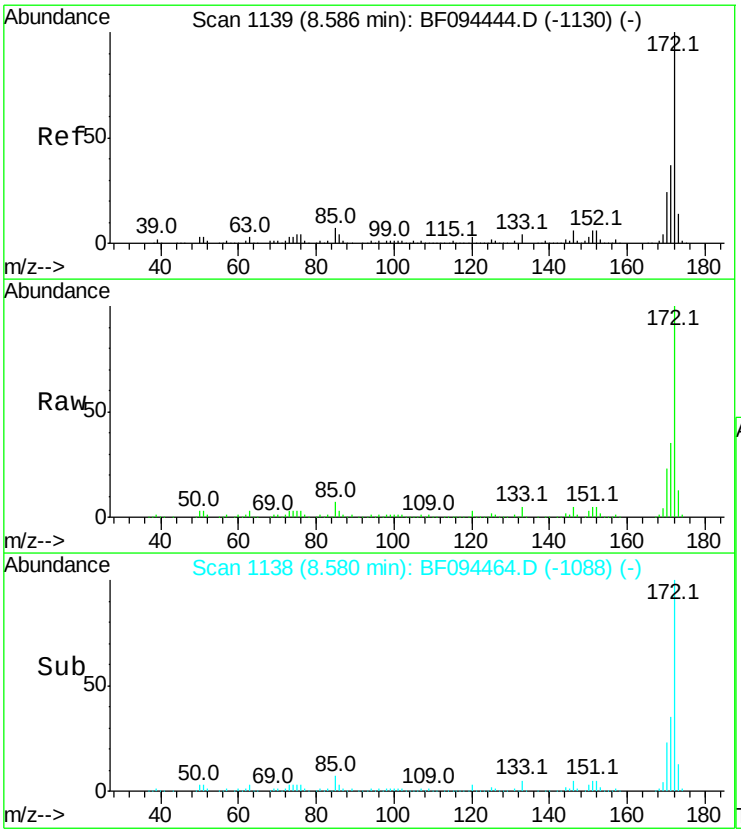
#41
2,4,6-Tribromophenol
Concen: 29.32 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 65014

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	42.2	31.4	47.2

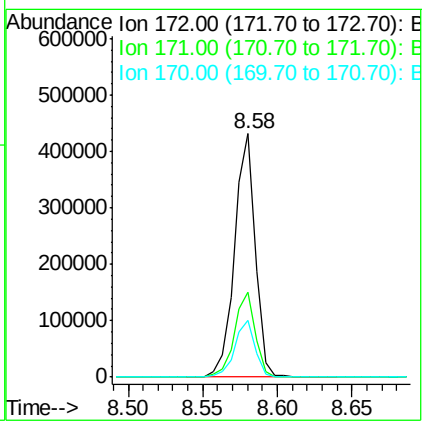


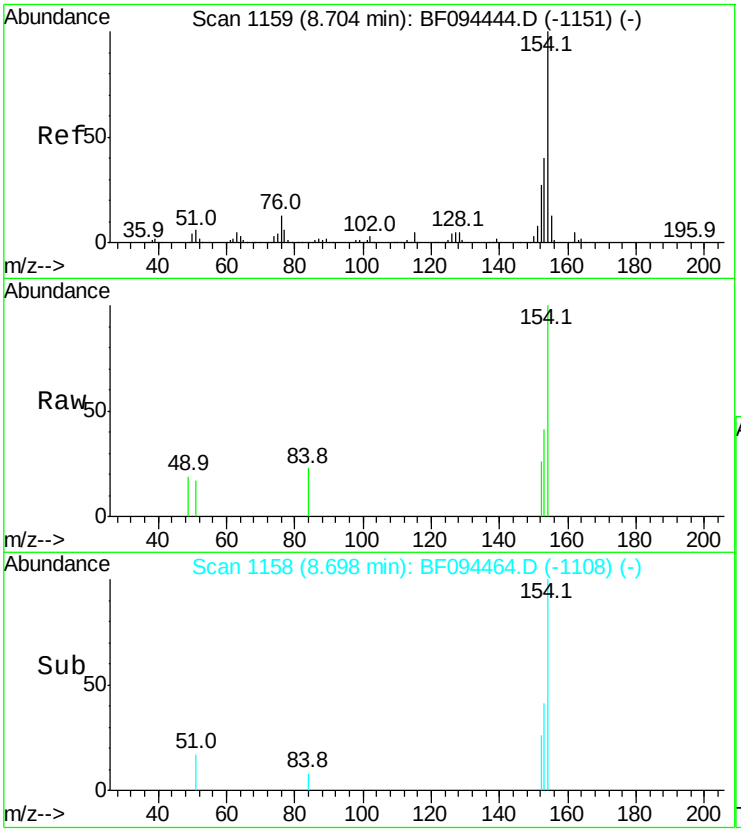


#44
2-Fluorobiphenyl
Concen: 21.84 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:172 Resp: 420859

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.2	19.8	29.8



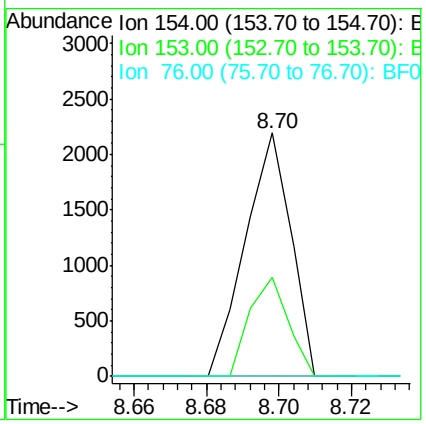


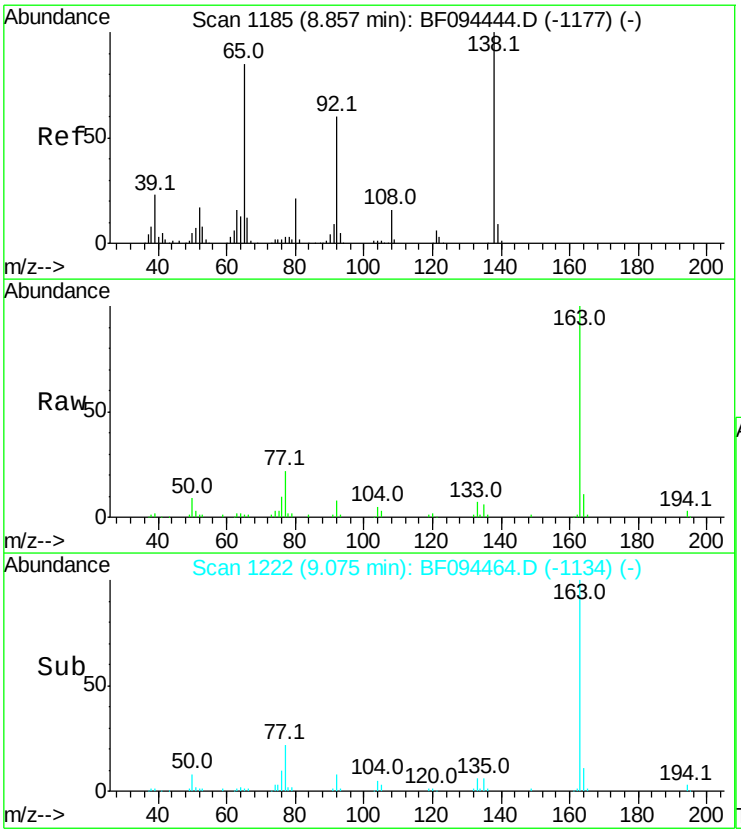
#45
1,1'-Biphenyl
Concen: 0.08 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1913

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.2	61.2
76	0.0	0.0	29.9

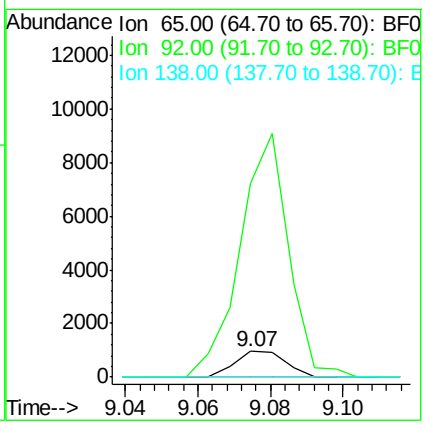


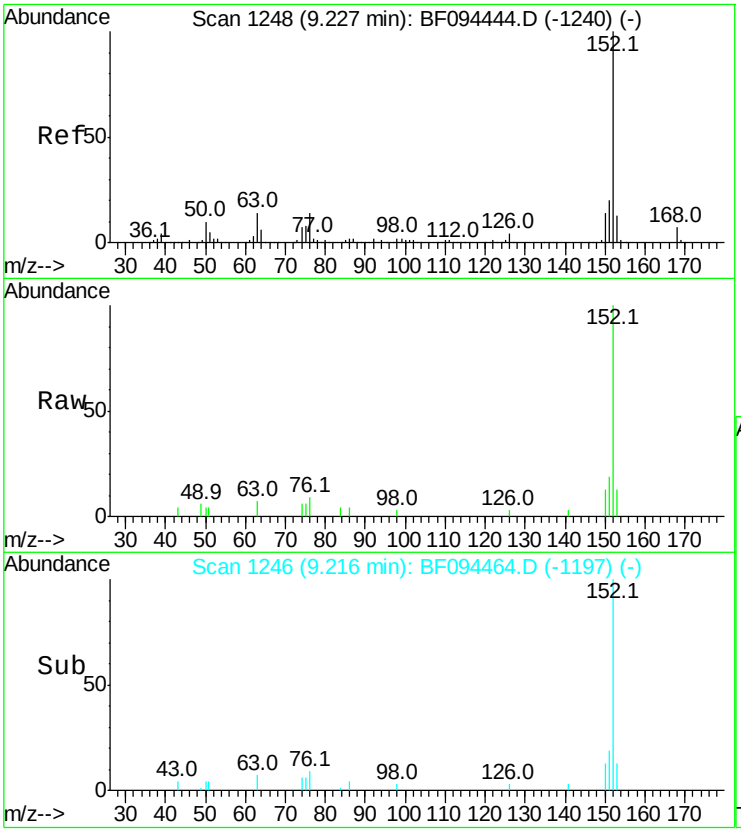


#47
2-Nitroaniline
Concen: 0.17 ng
RT: 9.07 min Scan# 1222
Delta R.T. 0.22 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 65 Resp: 912

Ion	Ratio	Lower	Upper
65	100		
92	762.4	53.9	80.9#
138	0.0	78.8	118.2#



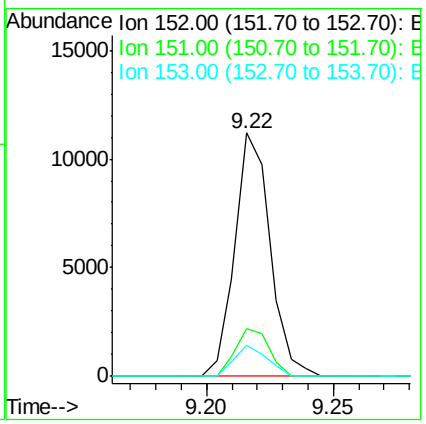


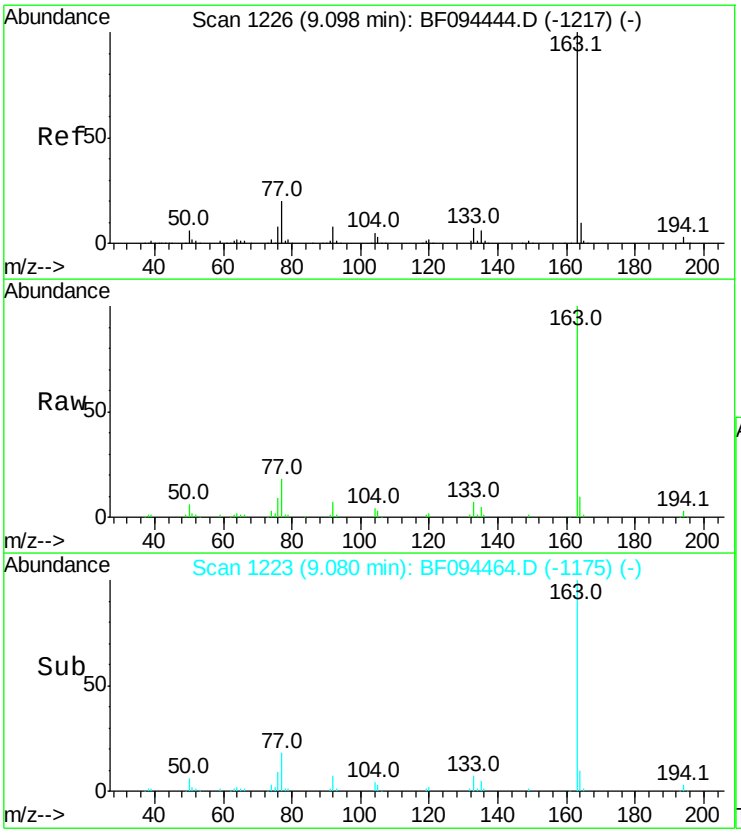
#48
Acenaphthylene
Concen: 0.38 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 10878

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	12.8	10.8	16.2

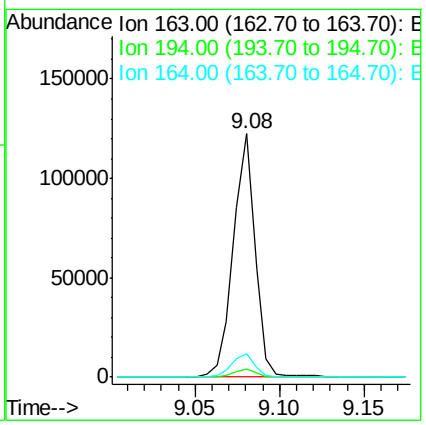


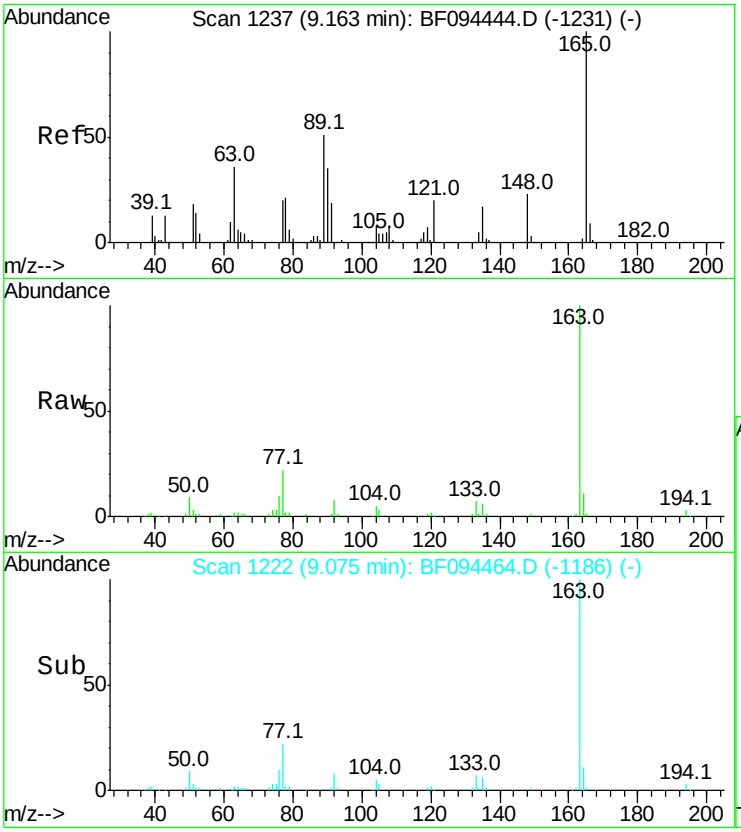


#49
Dimethylphthalate
Concen: 5.22 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:163 Resp: 110207

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.6	8.4	12.6



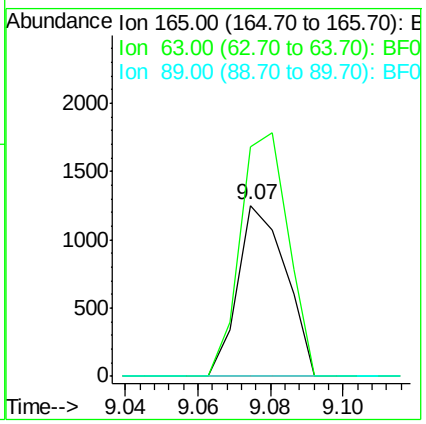


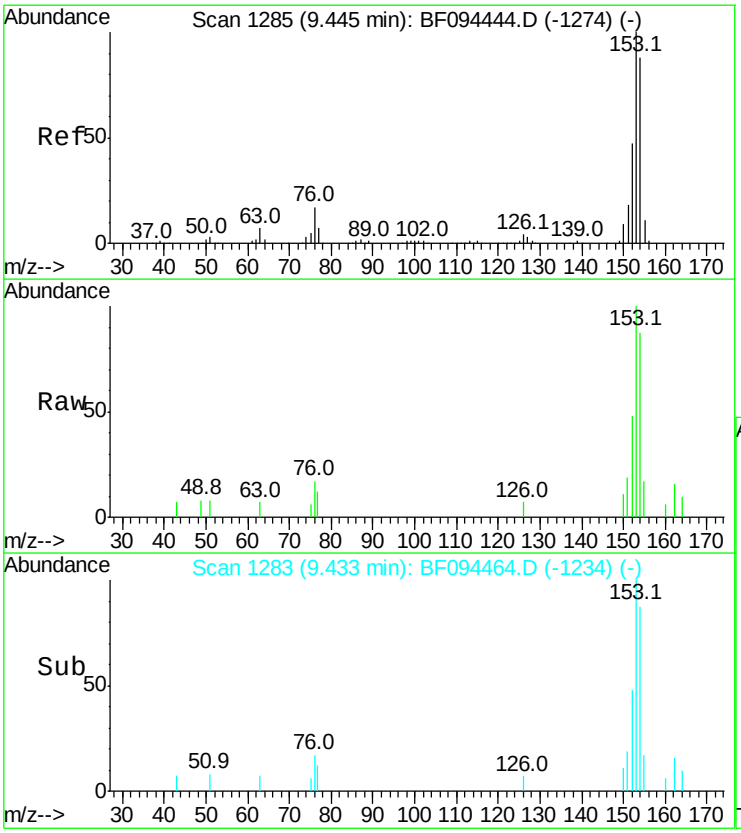
#50
2,6-Dinitrotoluene
Concen: 0.24 ng
RT: 9.07 min Scan# 1222
Delta R.T. -0.09 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:165 Resp: 1155

Ion	Ratio	Lower	Upper
165	100		
63	134.1	34.3	51.5#
89	0.0	37.1	55.7#

Instrument :
BNA_F
ClientSampleId :

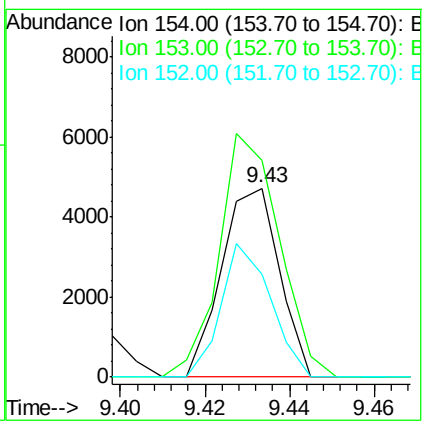


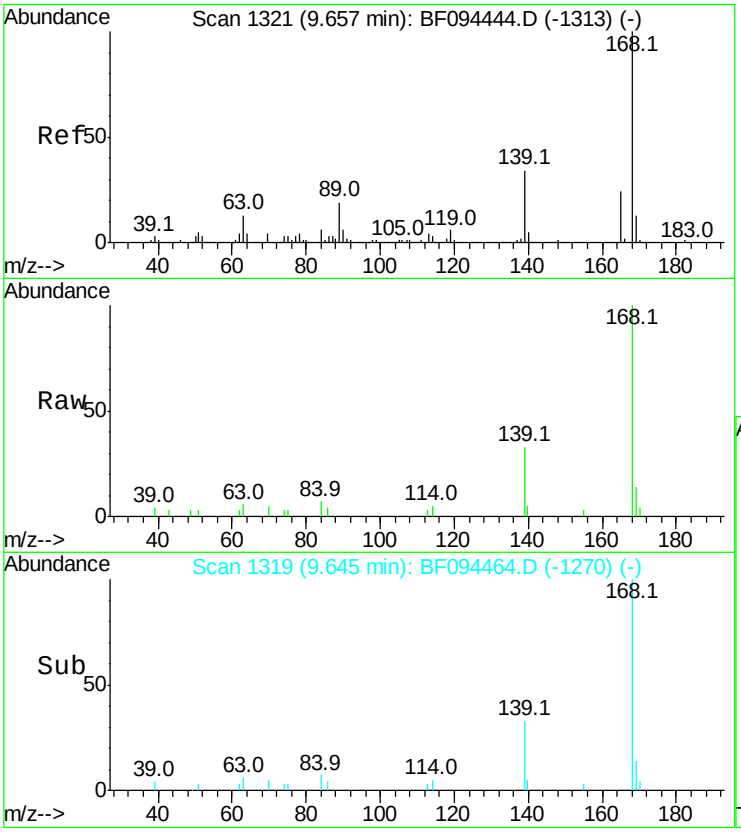


#51
Acenaphthene
Concen: 0.26 ng
RT: 9.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:154 Resp: 4473

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.5	135.7
152	54.5	43.6	65.4



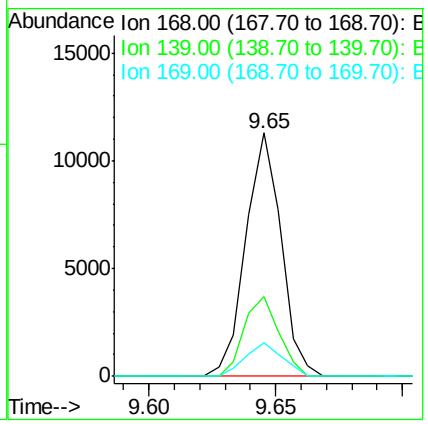


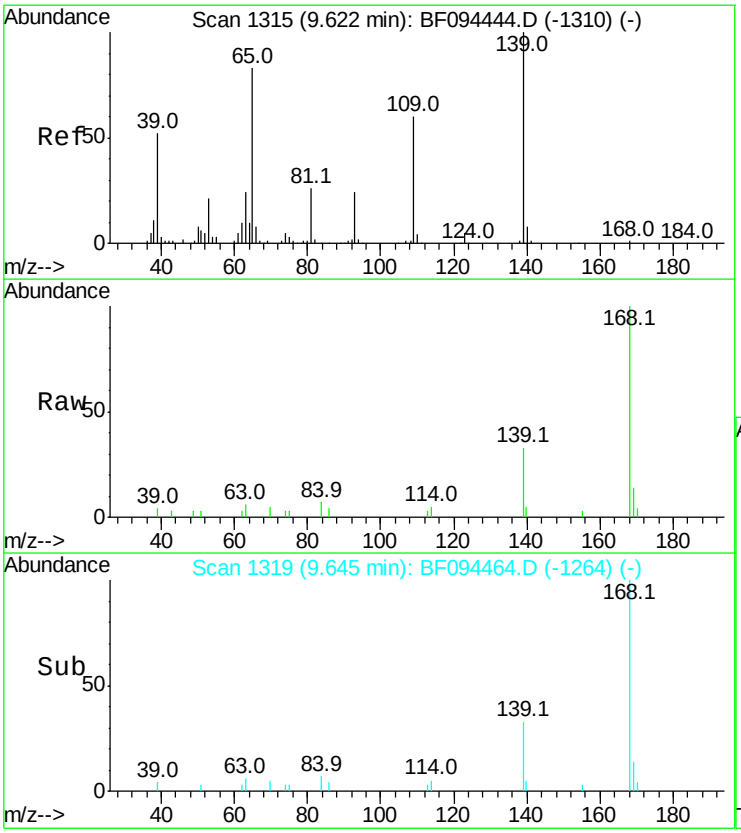
#54
Dibenzofuran
Concen: 0.44 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 10979

Ion	Ratio	Lower	Upper
168	100		
139	32.5	30.6	45.8
169	14.0	10.8	16.2

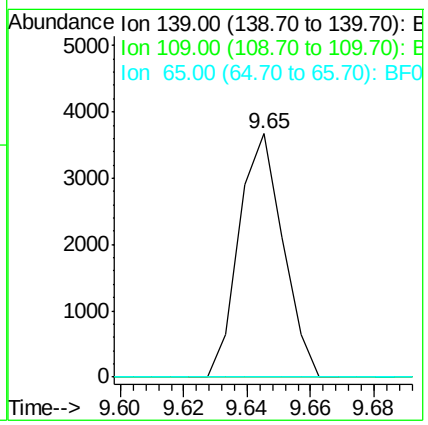


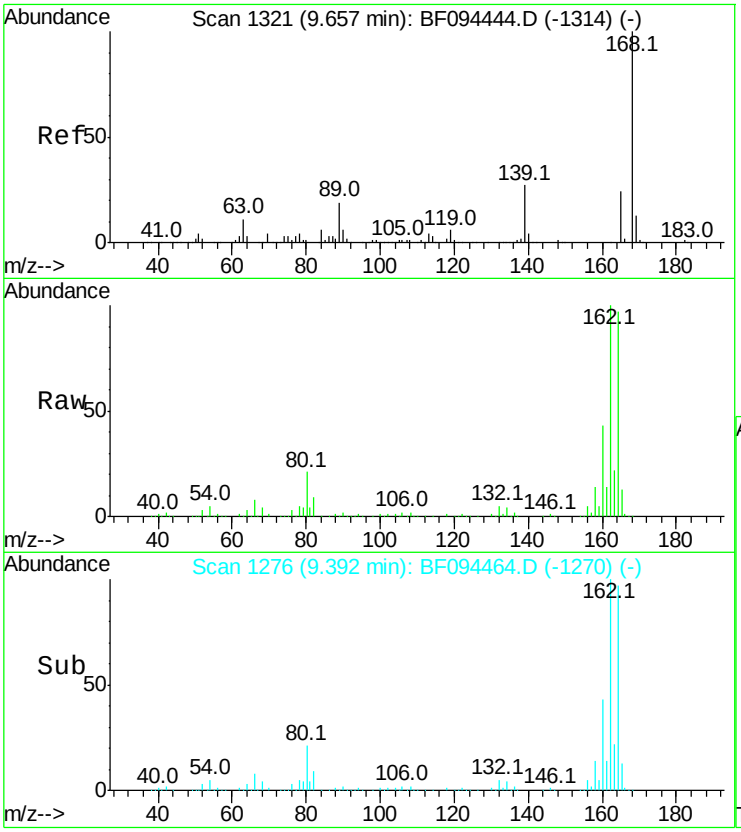


#55
4-Nitrophenol
Concen: 0.91 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:139 Resp: 3523

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



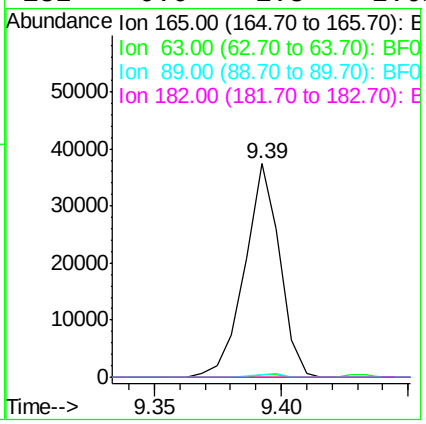


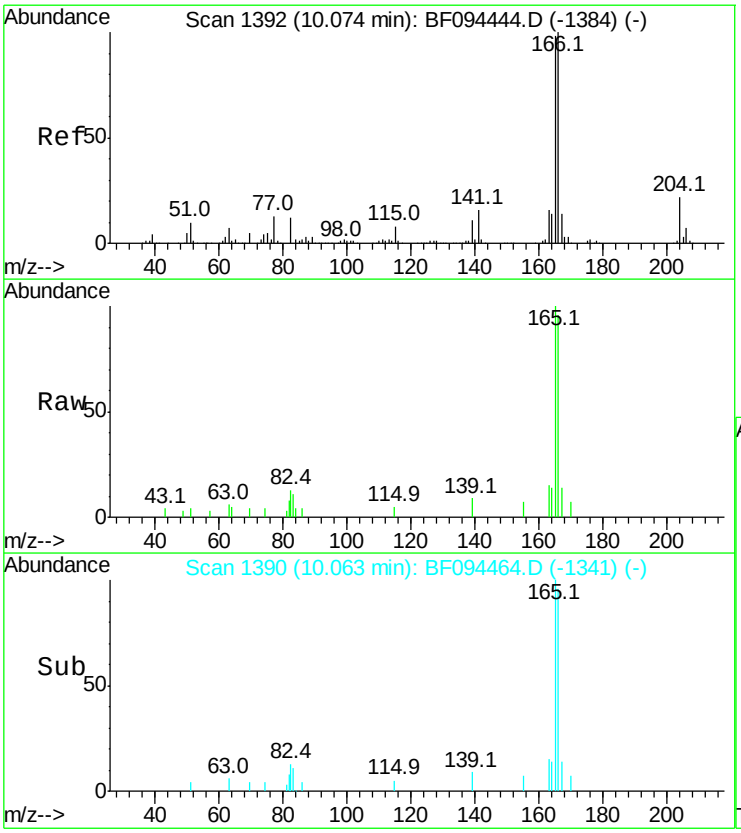
#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.26 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35811

Ion	Ratio	Lower	Upper
165	100		
63	1.1	25.4	38.0#
89	1.2	46.4	69.6#
182	0.0	1.8	2.6#

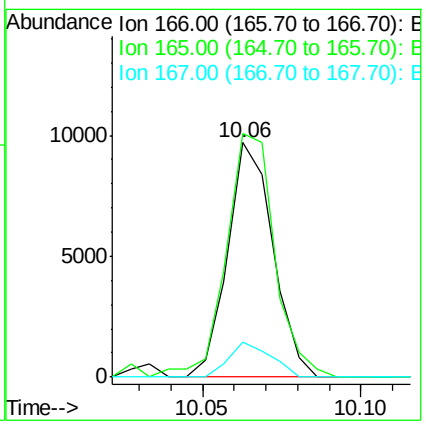


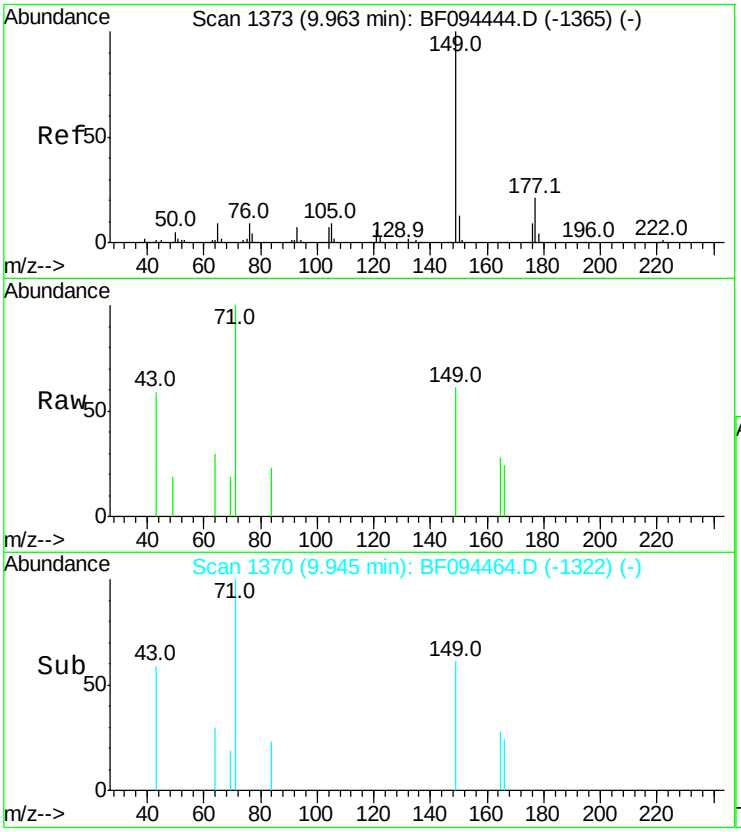


#57
Fluorene
Concen: 0.49 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:166 Resp: 9567

Ion	Ratio	Lower	Upper
166	100		
165	103.9	78.8	118.2
167	14.9	10.6	16.0



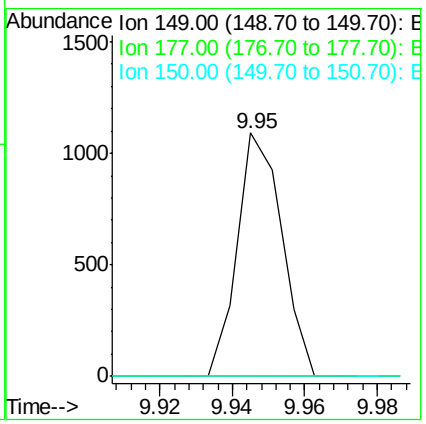


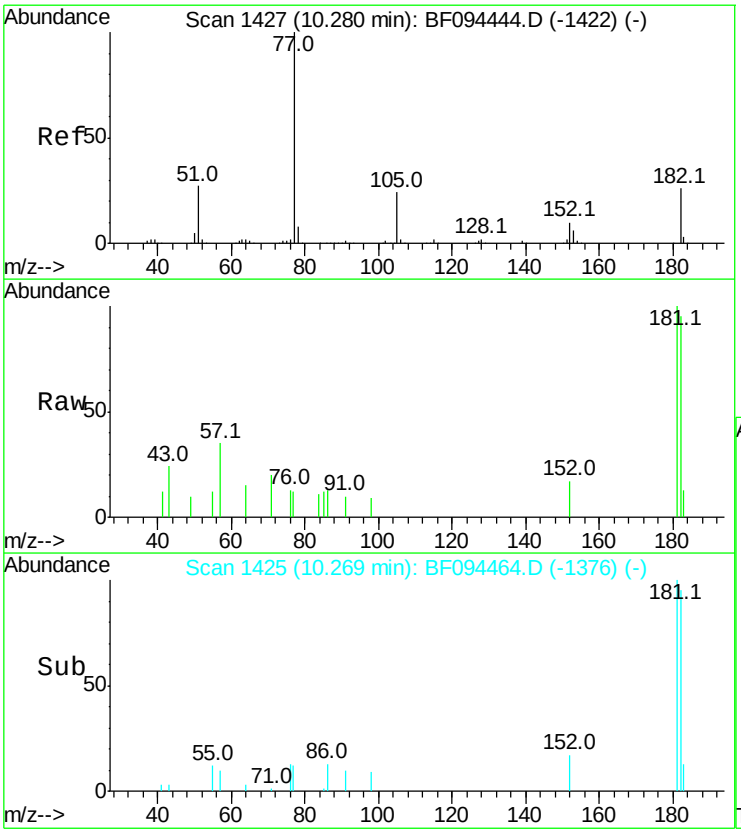
#59
Diethylphthalate
Concen: 0.05 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 932

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.7	25.1#
150	0.0	10.2	15.2#

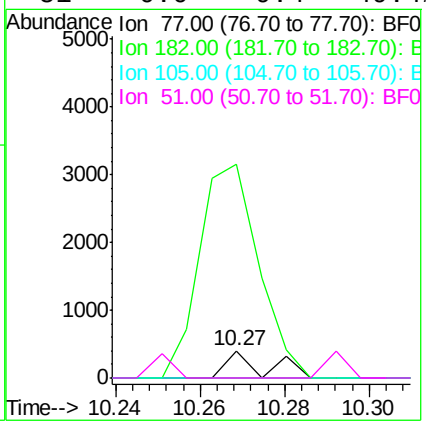


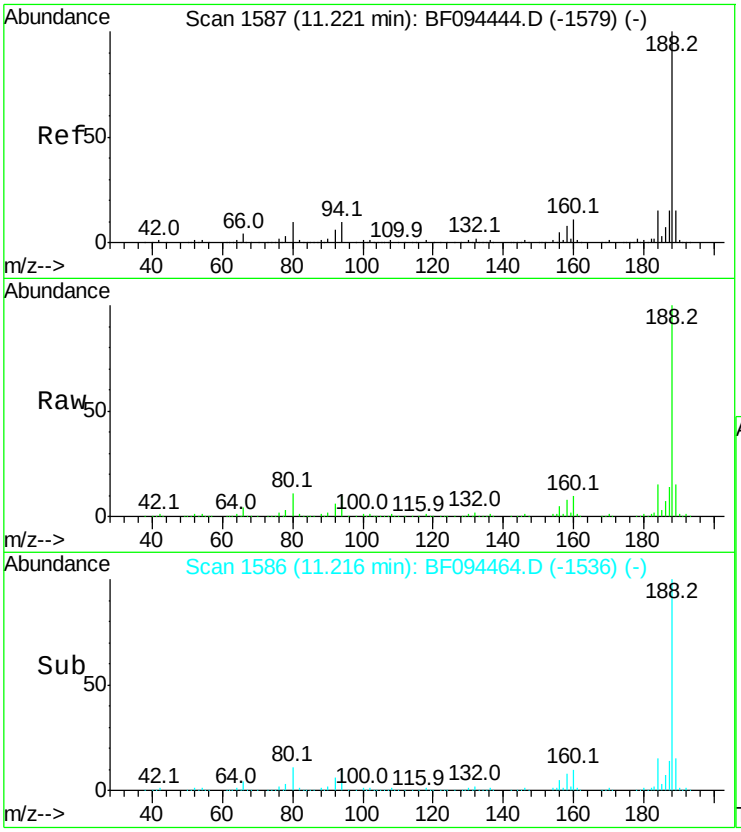


#62
Azobenzene
Concen: 0.01 ng
RT: 10.27 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion: 77 Resp: 254

Ion	Ratio	Lower	Upper
77	100		
182	782.4	0.1	40.1#
105	0.0	3.6	43.6#
51	0.0	9.4	49.4#



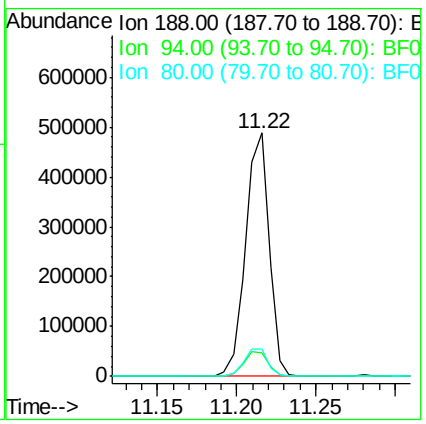


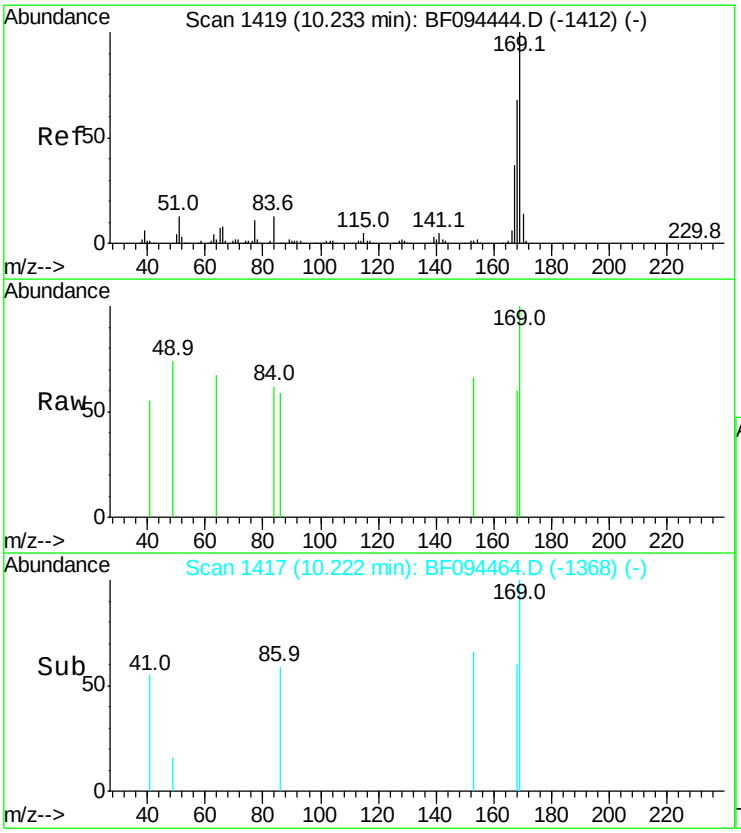
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 503023

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	11.0	10.2	15.2

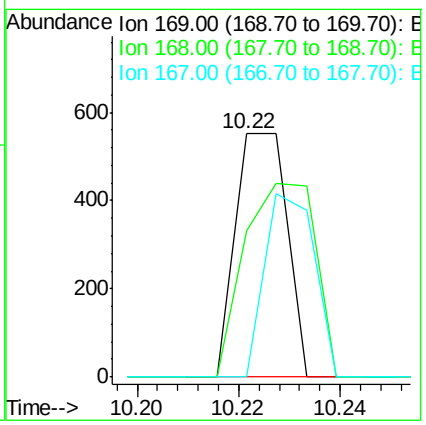


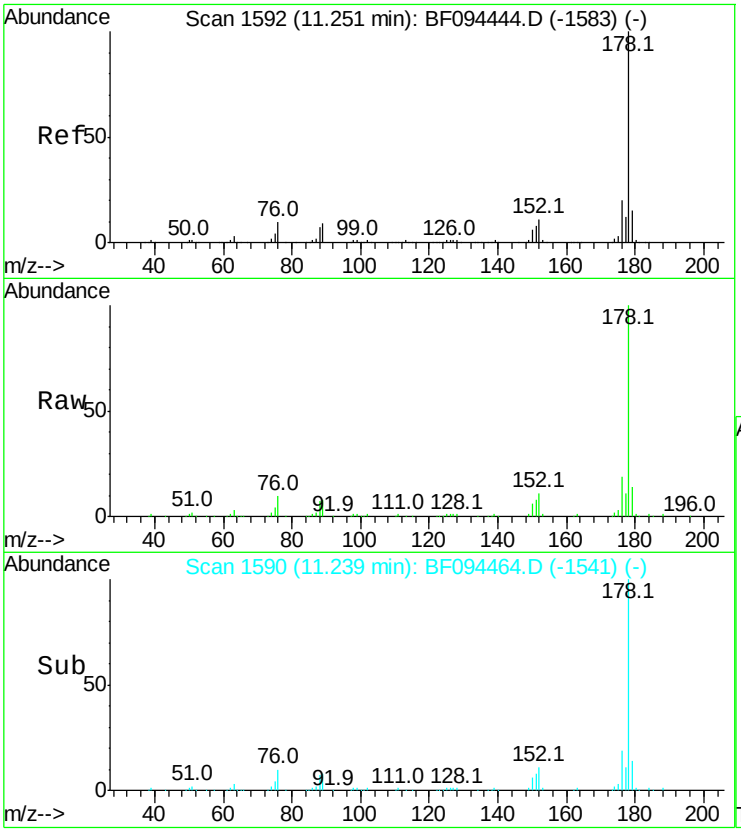


#65
n-Nitrosodiphenylamine
Concen: 0.02 ng
RT: 10.22 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:169 Resp: 389

Ion	Ratio	Lower	Upper
169	100		
168	60.0	53.2	79.8
167	0.0	29.5	44.3#



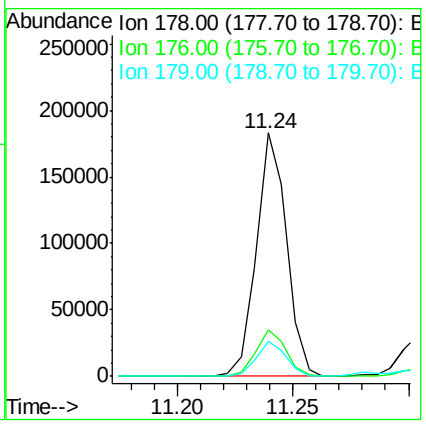


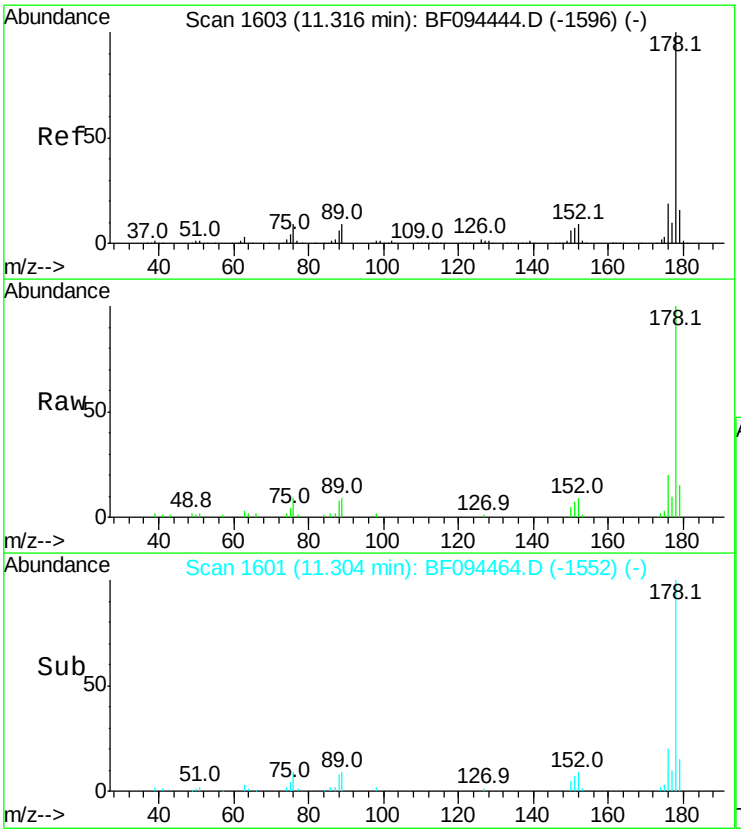
#70
Phenanthrene
Concen: 5.91 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 167275

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.4
179	14.4	12.6	19.0

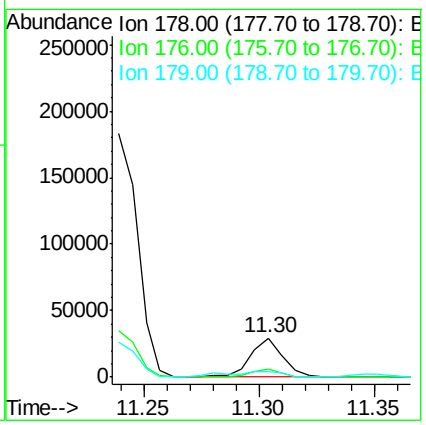


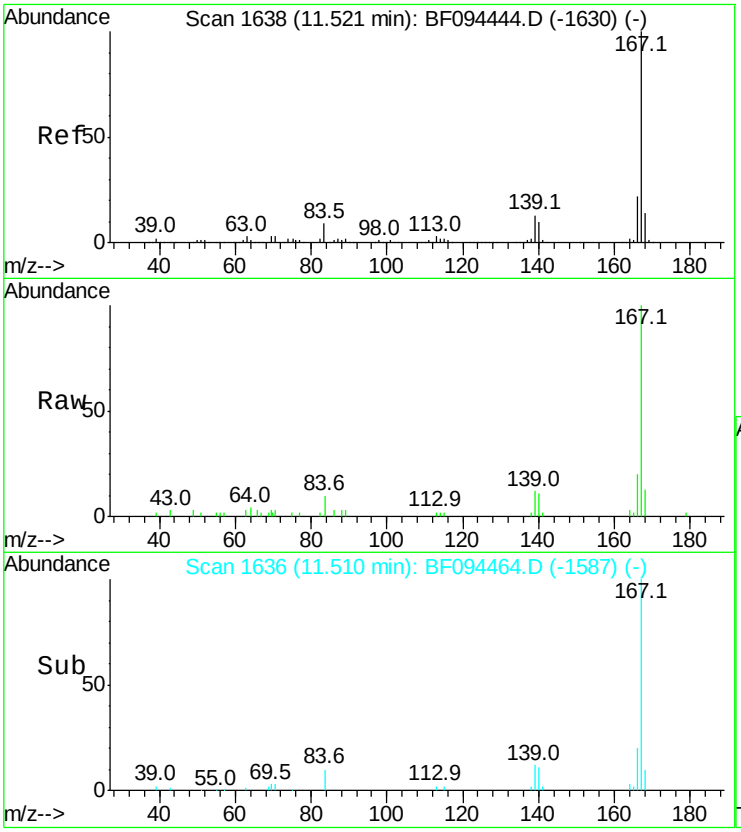


#71
Anthracene
Concen: 0.99 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:178 Resp: 29135

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	14.7	12.7	19.1



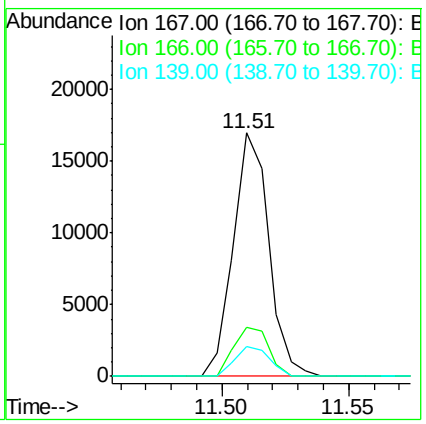


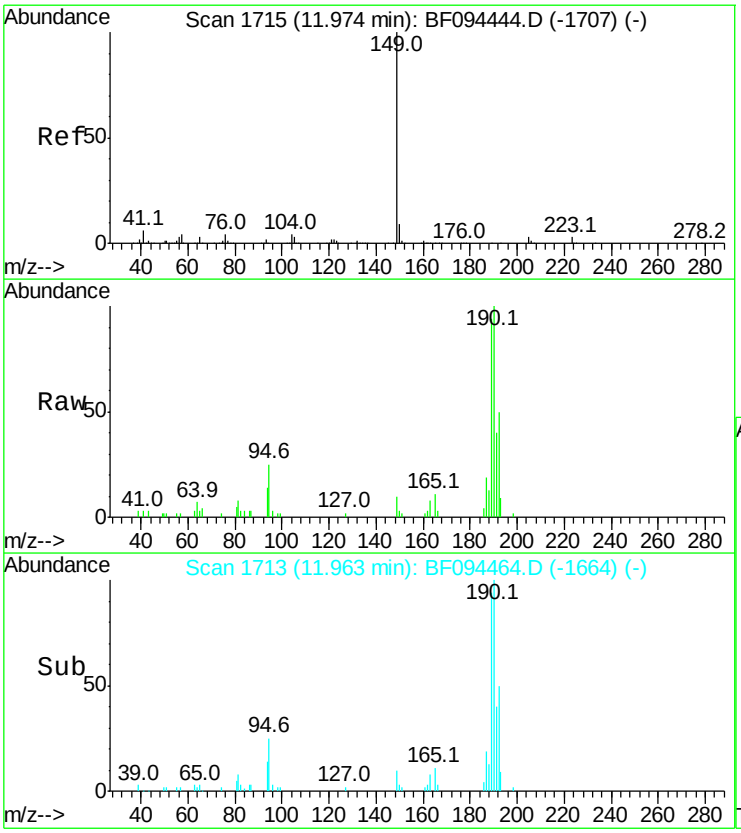
#72
Carbazole
Concen: 0.60 ng
RT: 11.51 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 16537

Ion	Ratio	Lower	Upper
167	100		
166	20.3	18.1	27.1
139	12.2	11.7	17.5

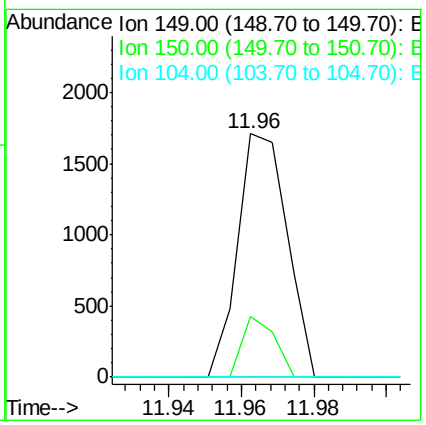


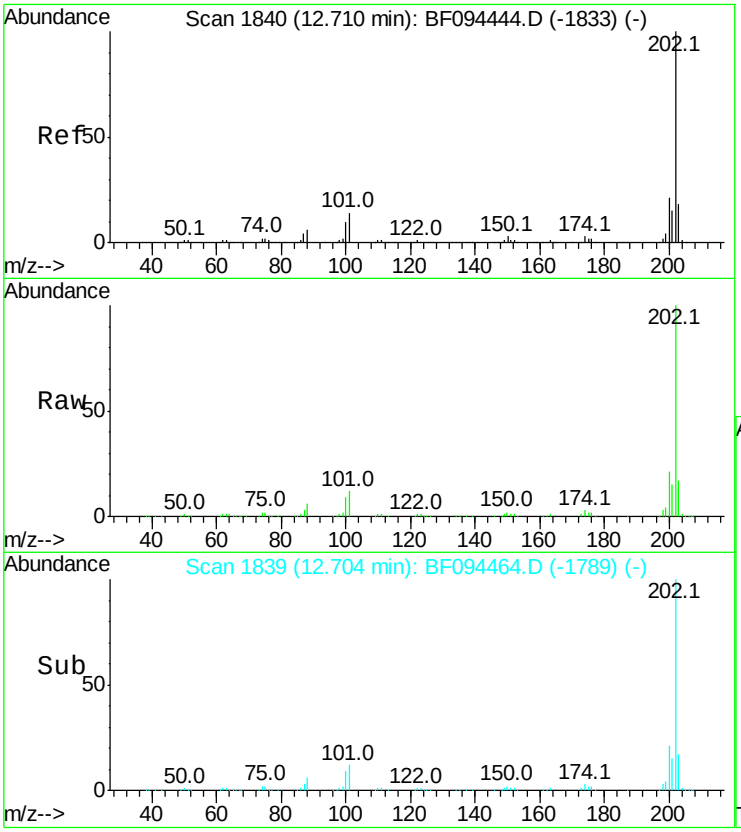


#73
Di-n-butylphthalate
Concen: 0.05 ng
RT: 11.96 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:149 Resp: 1615

Ion	Ratio	Lower	Upper
149	100		
150	25.0	7.7	11.5#
104	0.0	4.0	6.0#



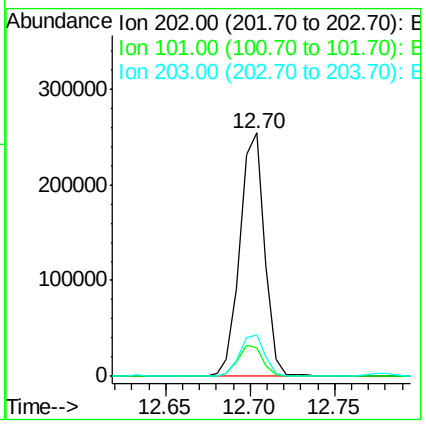


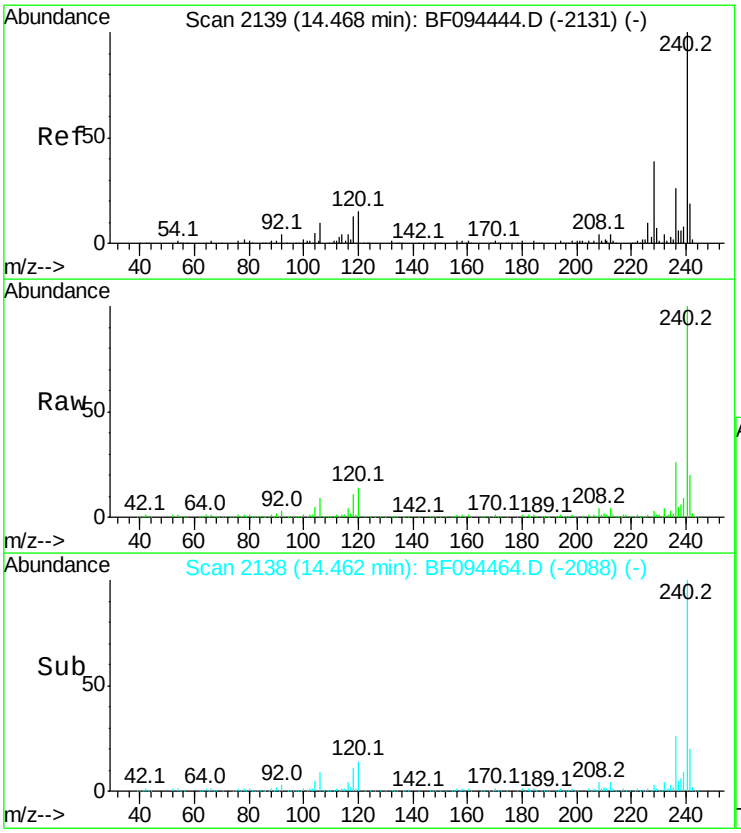
#74
Fluoranthene
Concen: 8.87 ng
RT: 12.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 260492

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.0	0.0	38.1

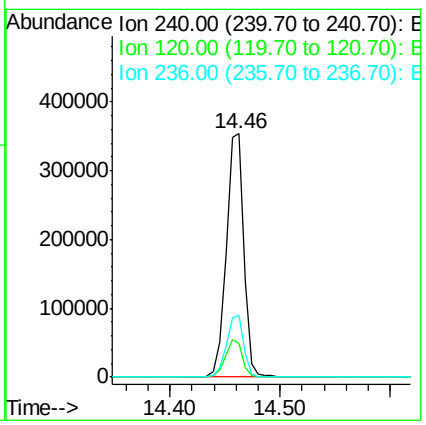


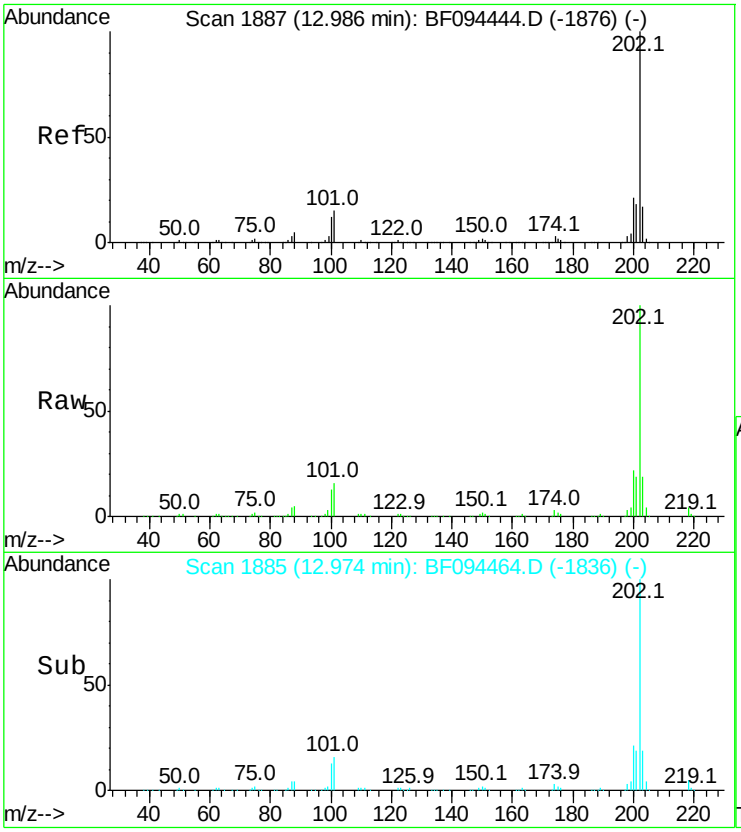


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:240 Resp: 393336

Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.6	20.5	30.7



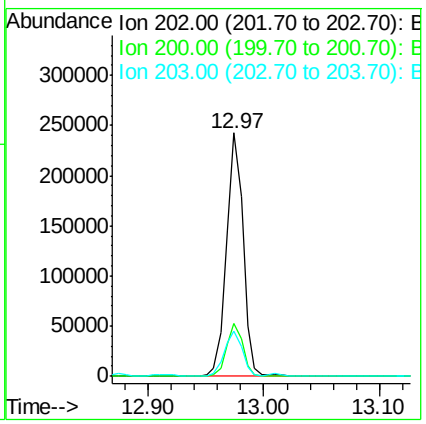


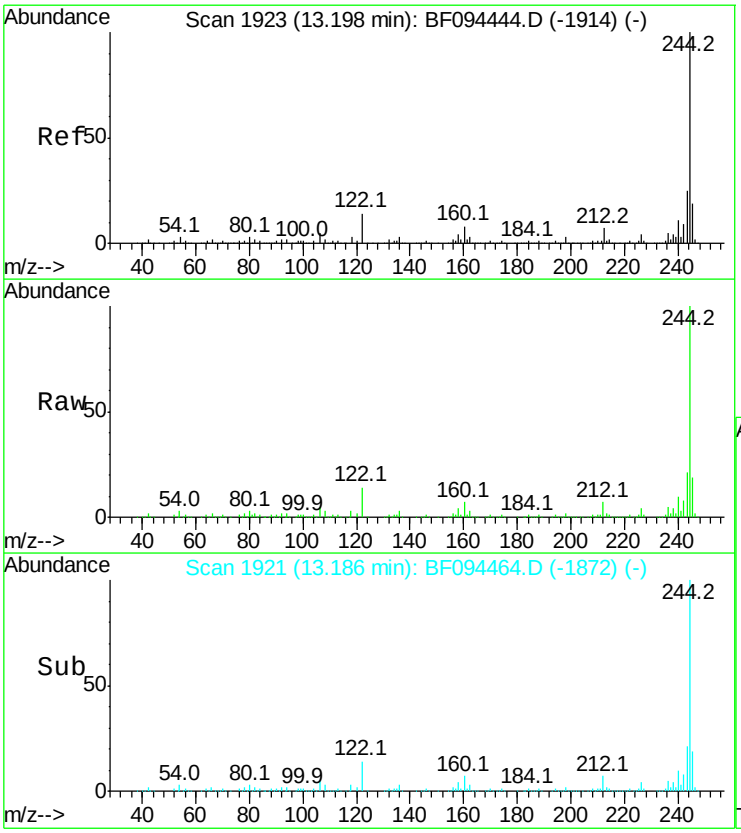
#77
Pyrene
Concen: 8.85 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 243168

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.8	14.4	21.6

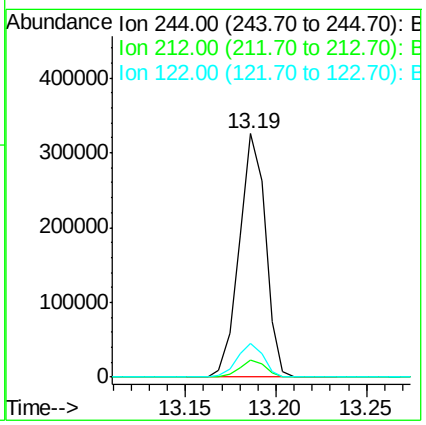


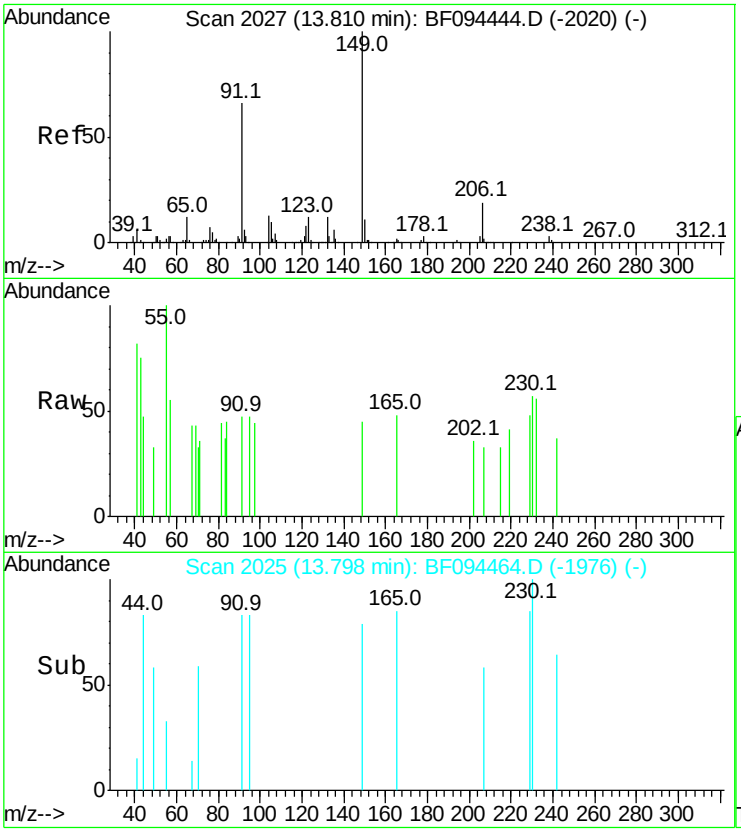


#78
Terphenyl-d14
Concen: 22.32 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:244 Resp: 328421

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.1	10.3	15.5



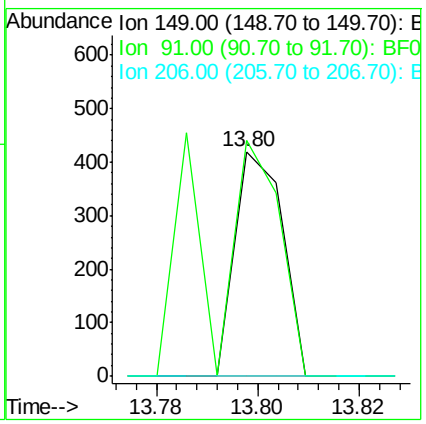


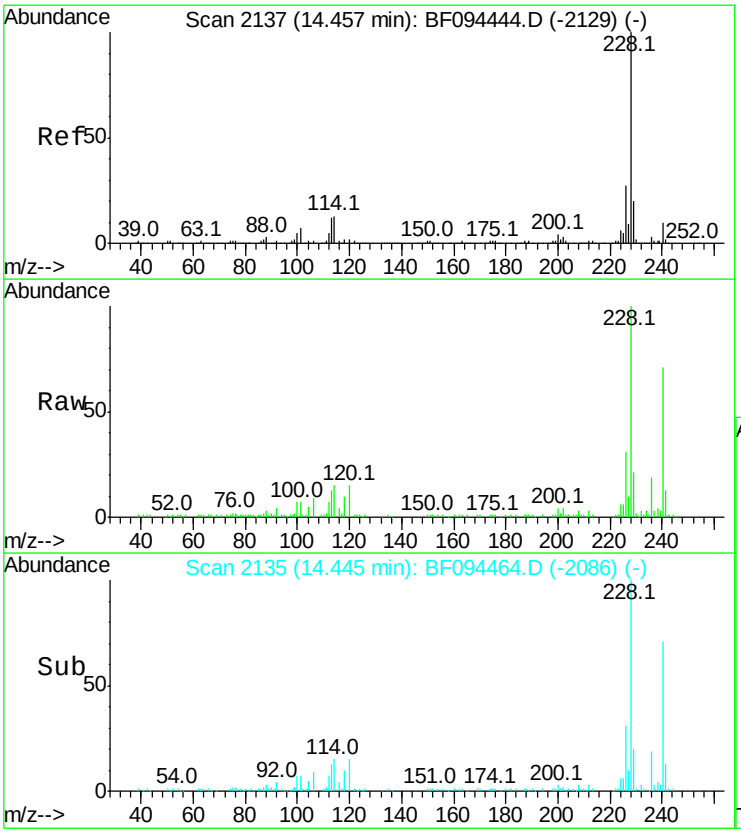
#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.80 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 276

Ion	Ratio	Lower	Upper
149	100		
91	104.8	45.0	67.4#
206	0.0	17.0	25.6#

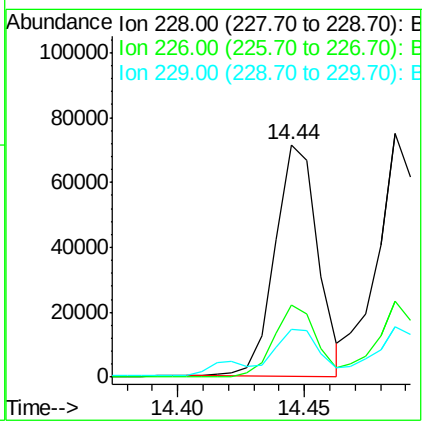


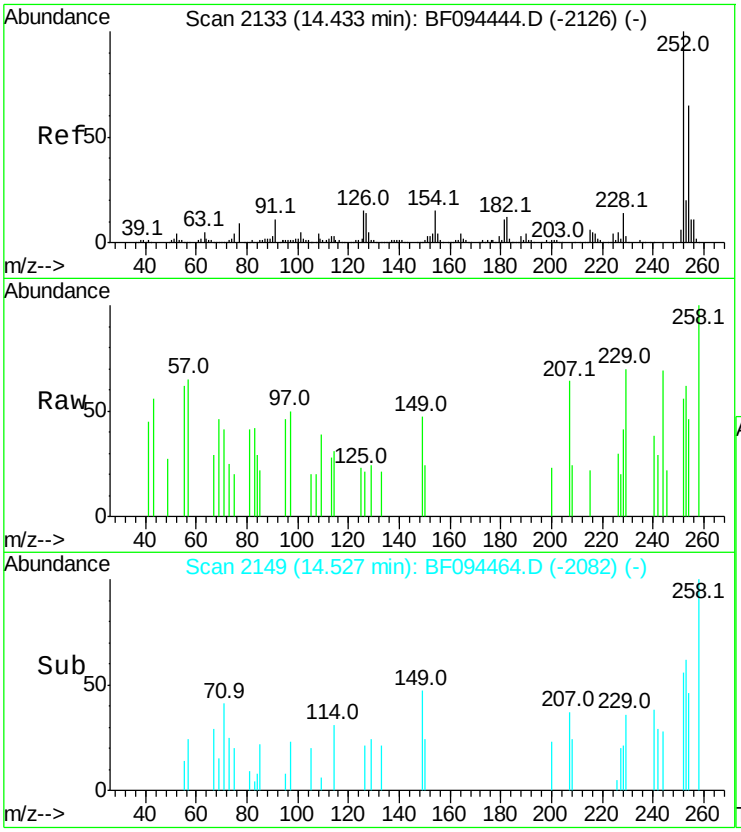


#80
Benzo(a)anthracene
Concen: 3.66 ng
RT: 14.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:228 Resp: 83752

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	20.6	16.3	24.5



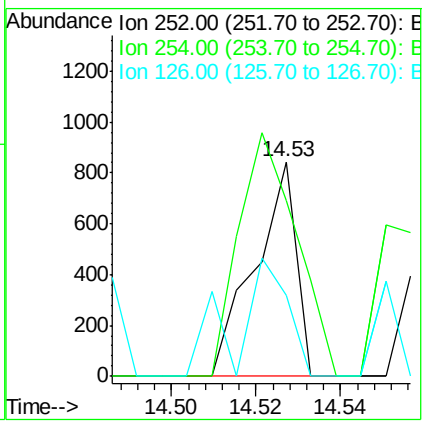


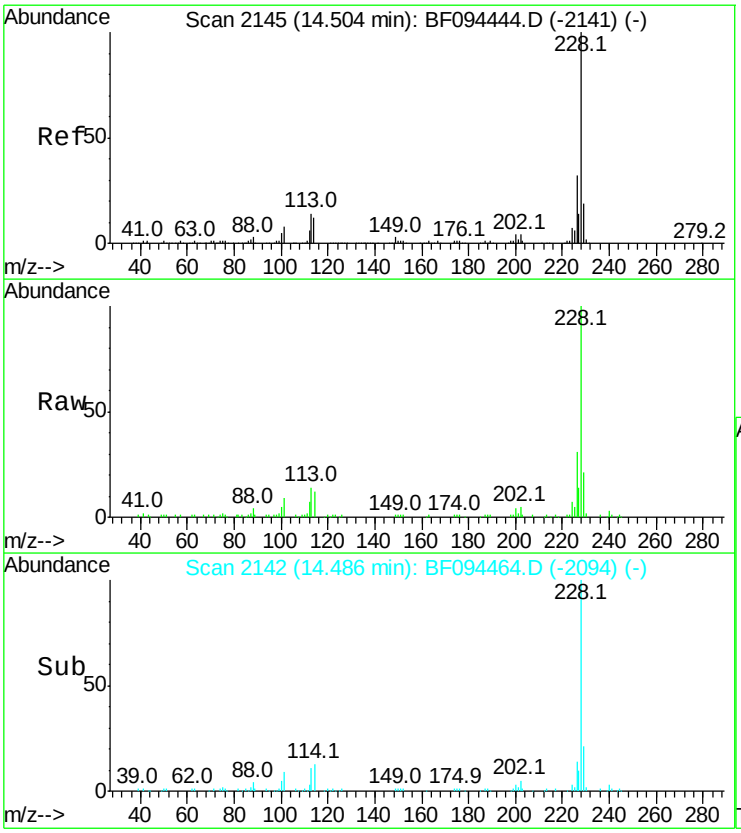
#81
3,3'-Dichlorobenzidine
Concen: 0.07 ng
RT: 14.53 min Scan# 2149
Delta R.T. 0.09 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 578

Ion	Ratio	Lower	Upper
252	100		
254	81.8	51.5	77.3#
126	38.0	15.8	23.8#

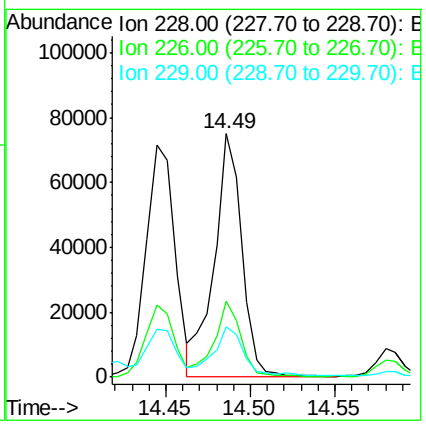


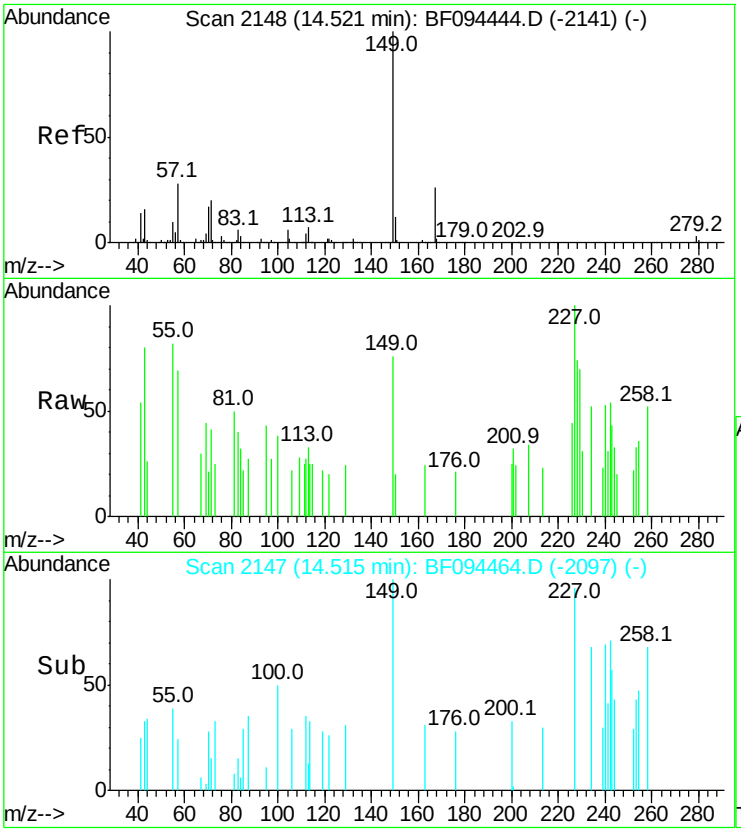


#82
Chrysene
Concen: 4.13 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:228 Resp: 86187

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.6	15.8	23.6



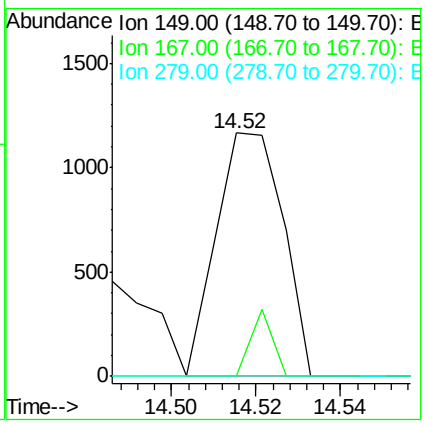


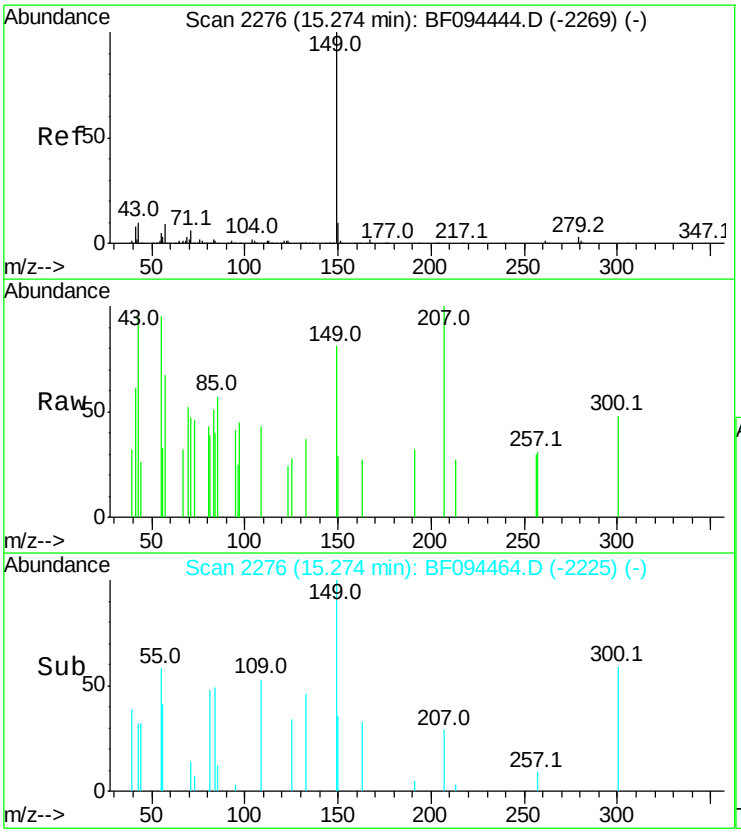
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.08 ng
RT: 14.52 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1273

Ion	Ratio	Lower	Upper
149	100		
167	0.0	21.0	31.4#
279	0.0	1.9	2.9#

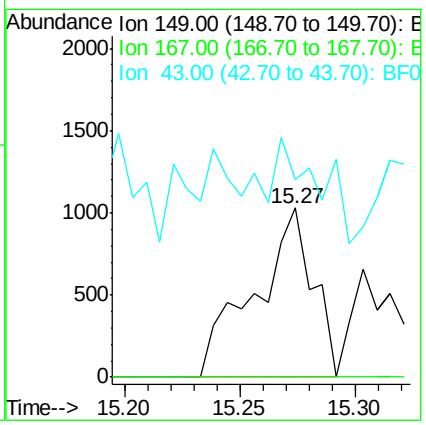


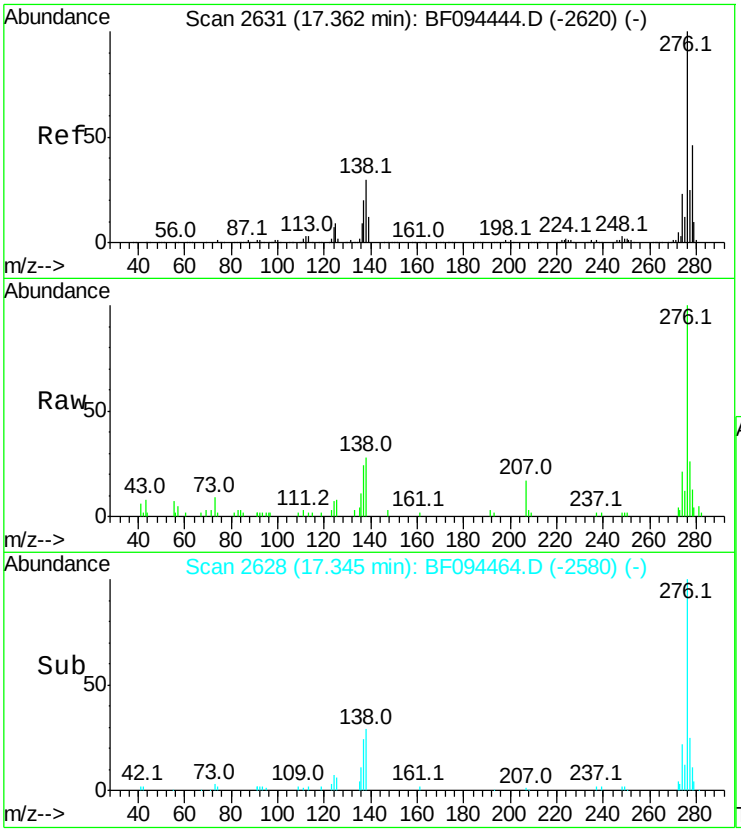


#84
Di-n-octyl phthalate
Concen: 0.07 ng
RT: 15.27 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:149 Resp: 1802

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	57.8	8.5	12.7#



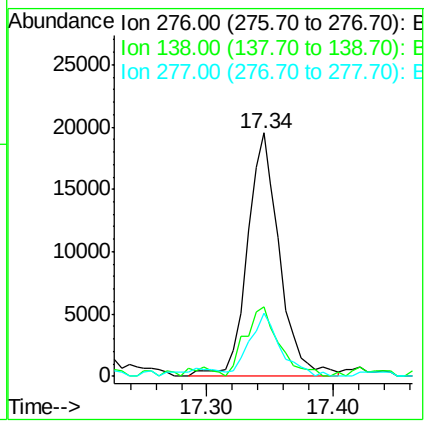


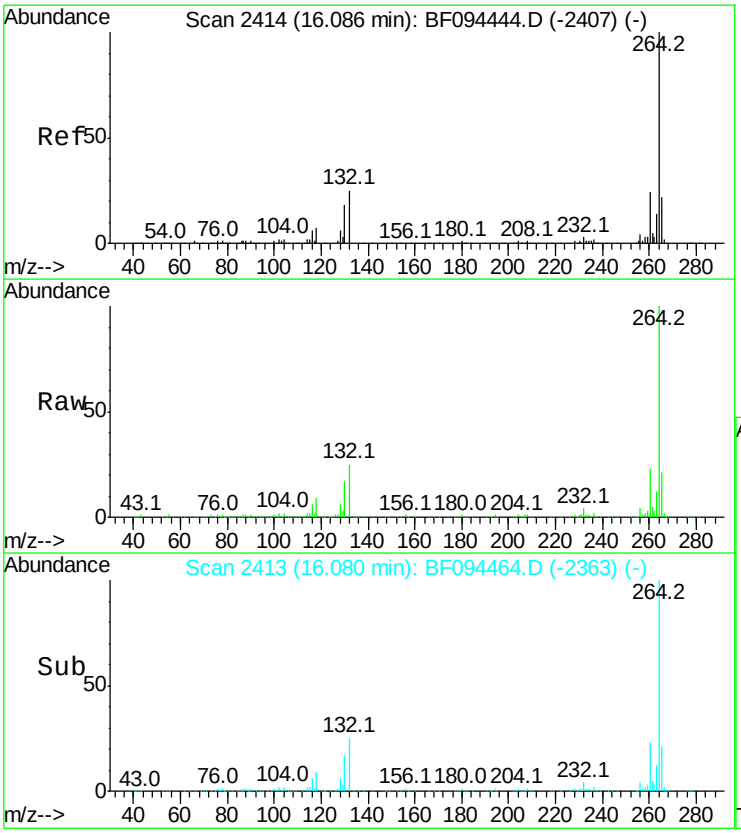
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.73 ng
RT: 17.34 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 34358

Ion	Ratio	Lower	Upper
276	100		
138	29.9	27.8	41.6
277	25.0	20.2	30.4

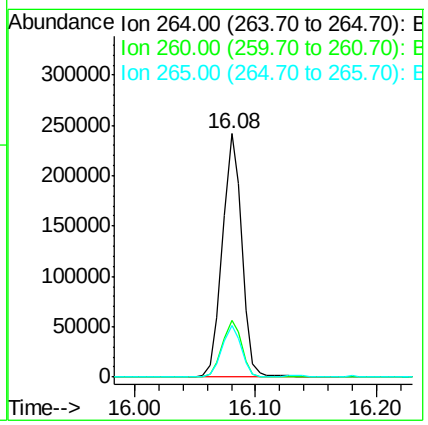


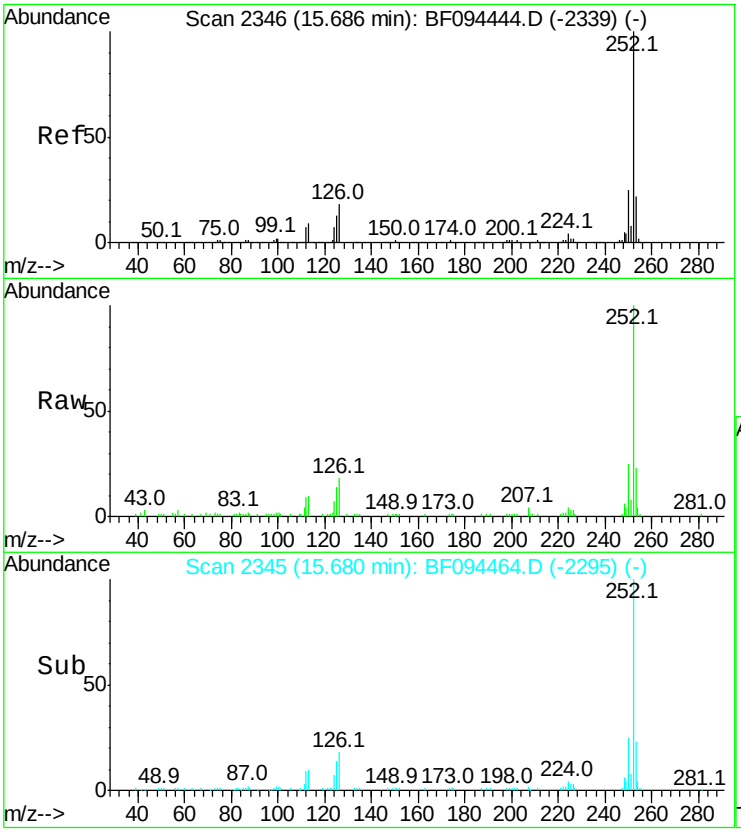


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:264 Resp: 269441

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.4	17.2	25.8



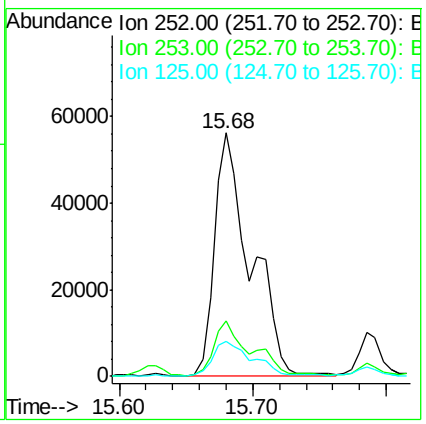


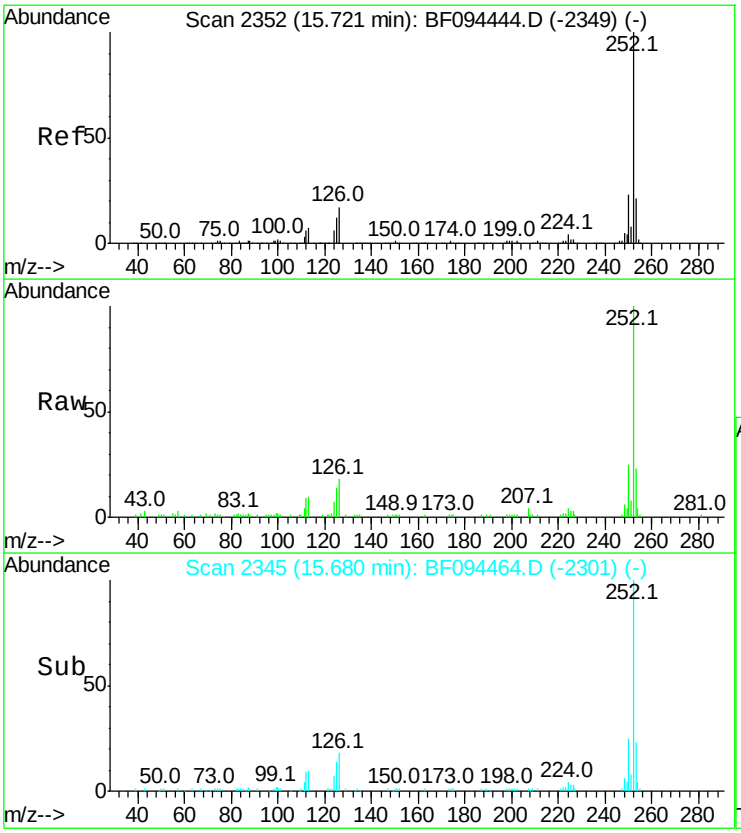
#87
Benzo(b)fluoranthene
Concen: 6.47 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 106579

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	14.3	9.8	14.8

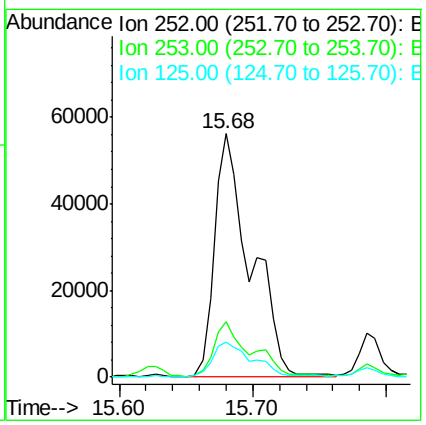


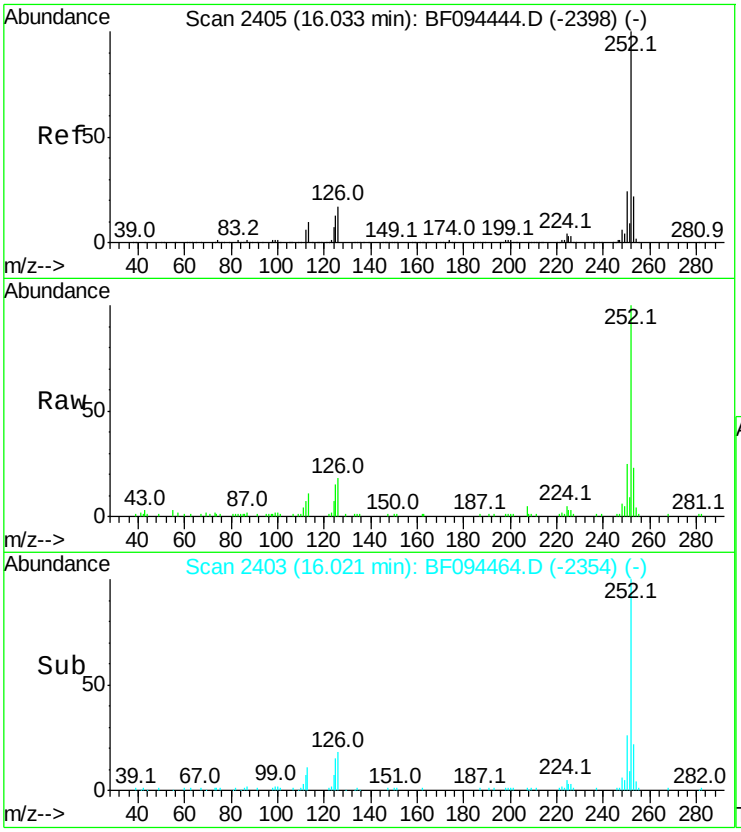


#88
Benzo(k)fluoranthene
Concen: 6.83 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.04 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:252 Resp: 106579

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.4	27.6
125	14.3	13.1	19.7



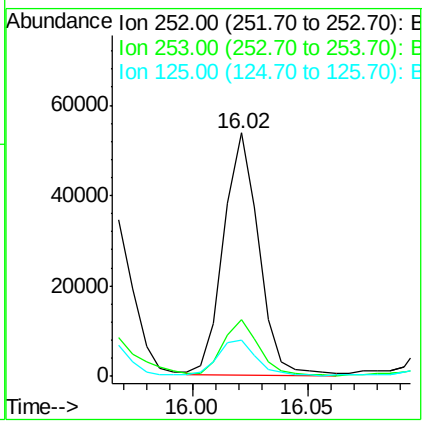


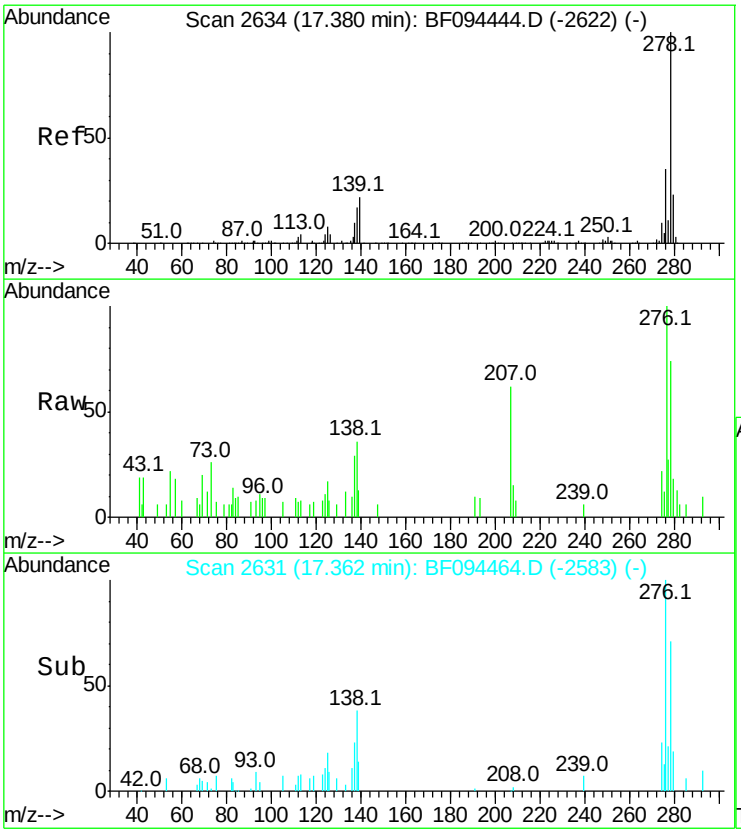
#89
Benzo(a)pyrene
Concen: 3.69 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 56515

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	15.1	11.0	16.4

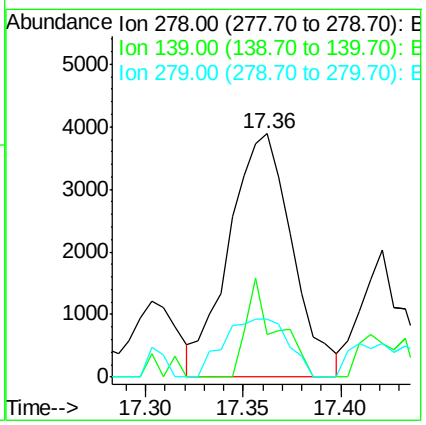


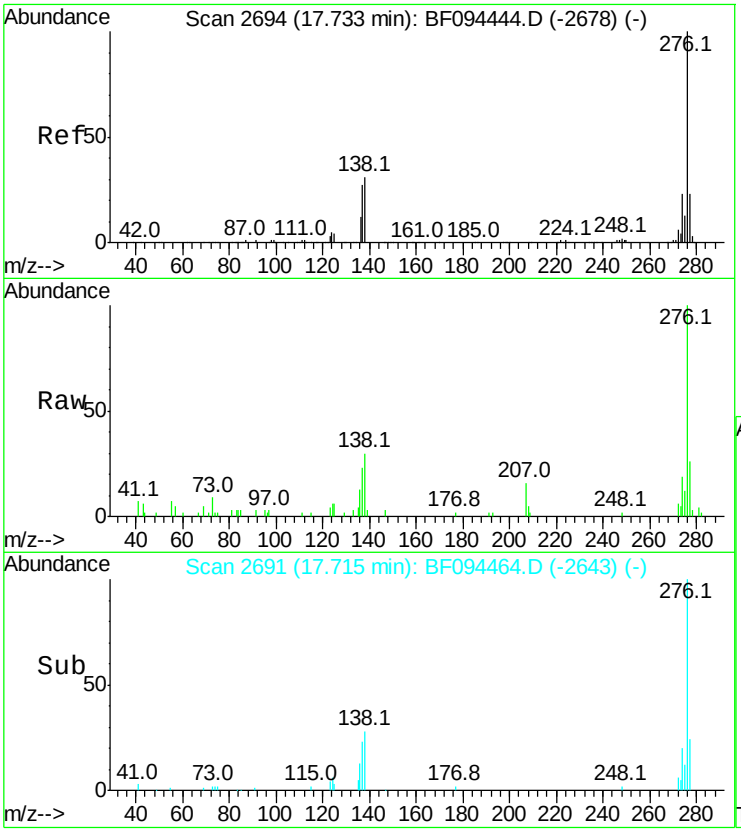


#90
Dibenzo(a,h)anthracene
Concen: 0.69 ng
RT: 17.36 min Scan# 2631
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Tgt Ion:278 Resp: 8730

Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.6	24.8
279	24.0	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 2.47 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.02 min
Lab File: BF094464.D
Acq: 17 Apr 2017 22:03

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 31981

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.6	28.0
138	29.6	25.4	38.0