Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094462.D
Acq On : 17 Apr 2017 21:09
Operator : SJ/MA
Sample : I2708-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:01:33 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	144159	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	591742	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	273226	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	497697	20.00	ng		0.00
75) Chrysene-d12	14.46	240	371357	20.00	ng		0.00
86) Perylene-d12	16.08	264	263053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	925524	106.51	ng		0.00
7) Phenol-d6	5.39	99	1214503	118.56	ng		0.00
23) Nitrobenzene-d5	6.41	82	754536	78.74	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	236842	110.82	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1283305	69.11	ng		0.00
78) Terphenyl-d14	13.20	244	1051087	75.65	ng		0.00
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.64	42	112	0.02	ng	#	1
6) Aniline	5.40	93	369	0.03	ng	#	1
8) 2-Chlorophenol	5.52	128	1409	0.14	ng	#	8
9) Benzaldehyde	5.51	77	20525	2.63	ng		82
10) Phenol	5.40	94	13186	1.05	ng		95
11) bis(2-Chloroethyl)ether	5.51	93	1423	0.15	ng	#	1
12) 1,3-Dichlorobenzene	5.93	146	231	0.02	ng	#	1
13) 1,4-Dichlorobenzene	5.93	146	231	0.02	ng	#	1
14) 1,2-Dichlorobenzene	5.93	146	231	0.02	ng	#	1
15) Benzyl Alcohol	5.93	79	11650	1.53	ng	#	43
16) 2,2'-oxybis(1-Chloropropan	5.97	45	579	0.05	ng		70
17) 2-Methylphenol	5.94	107	109	0.01	ng	#	1
19) n-Nitroso-di-n-propylamine	6.41	70	100489	14.81	ng	#	77
20) 3+4-Methylphenols	6.26	107	305	0.03	ng	#	5
22) Acetophenone	6.23	105	394	0.03	ng	#	46
24) Nitrobenzene	6.41	77	2130	0.21	ng	#	38
25) Isophorone	6.74	82	346	0.02	ng	#	67
31) Naphthalene	7.28	128	6754	0.24	ng	#	94
33) 4-Chloroaniline	7.29	127	816	0.07	ng	#	39
37) 2-Methylnaphthalene	8.25	142	1610	0.08	ng		100
45) 1,1'-Biphenyl	8.70	154	1111	0.05	ng	#	67
47) 2-Nitroaniline	9.08	65	4741	0.93	ng	#	1
48) Acenaphthylene	9.22	152	1918	0.07	ng	#	93
49) Dimethylphthalate	9.08	163	553603	27.19	ng		100
50) 2,6-Dinitrotoluene	9.08	165	5869	1.28	ng	#	1
51) Acenaphthene	9.43	154	4978	0.30	ng		97
54) Dibenzofuran	9.65	168	4037	0.17	ng	#	91
55) 4-Nitrophenol	9.65	139	1616	0.43	ng	#	25
56) 2,4-Dinitrotoluene	9.39	165	35160	6.27	ng	#	33
57) Fluorene	10.07	166	5714	0.30	ng		96
59) Diethylphthalate	9.95	149	1954	0.10	ng	#	84
62) Azobenzene	10.29	77	230	0.01	ng	#	7
64) 4,6-Dinitro-2-methylphenol	10.37	198	589	0.18	ng	#	1
65) n-Nitrosodiphenylamine	10.37	169	9170	0.53	ng	#	46

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094462.D
Acq On : 17 Apr 2017 21:09
Operator : SJ/MA
Sample : I2708-14
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:01:33 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)
70) Phenanthrene	11.24	178	93086	3.32	ng		97
71) Anthracene	11.30	178	18801	0.65	ng		95
72) Carbazole	11.51	167	8723	0.32	ng	#	92
73) Di-n-butylphthalate	11.97	149	4501	0.15	ng	#	89
74) Fluoranthene	12.71	202	124118	4.27	ng		97
77) Pyrene	12.97	202	117054	4.51	ng		96
79) Butylbenzylphthalate	13.79	149	1414	0.12	ng	#	62
80) Benzo(a)anthracene	14.45	228	45177	2.09	ng		97
81) 3,3'-Dichlorobenzidine	14.40	252	120	0.02	ng	#	1
82) Chrysene	14.49	228	43899	2.23	ng		96
83) Bis(2-ethylhexyl)phthalate	14.52	149	1957	0.13	ng	#	92
84) Di-n-octyl phthalate	15.27	149	1129	0.04	ng	#	1
85) Indeno(1,2,3-cd)pyrene	17.34	276	17518	0.93	ng		95
87) Benzo(b)fluoranthene	15.68	252	53739	3.34	ng	#	95
88) Benzo(k)fluoranthene	15.68	252	53739	3.53	ng		98
89) Benzo(a)pyrene	16.02	252	28620	1.91	ng	#	93
90) Dibenzo(a,h)anthracene	17.36	278	4732	0.38	ng	#	75
91) Benzo(g,h,i)perylene	17.72	276	16582	1.31	ng		93

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

Quantitation Report (Not Reviewed)

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Apr 18 01:01:33 2017
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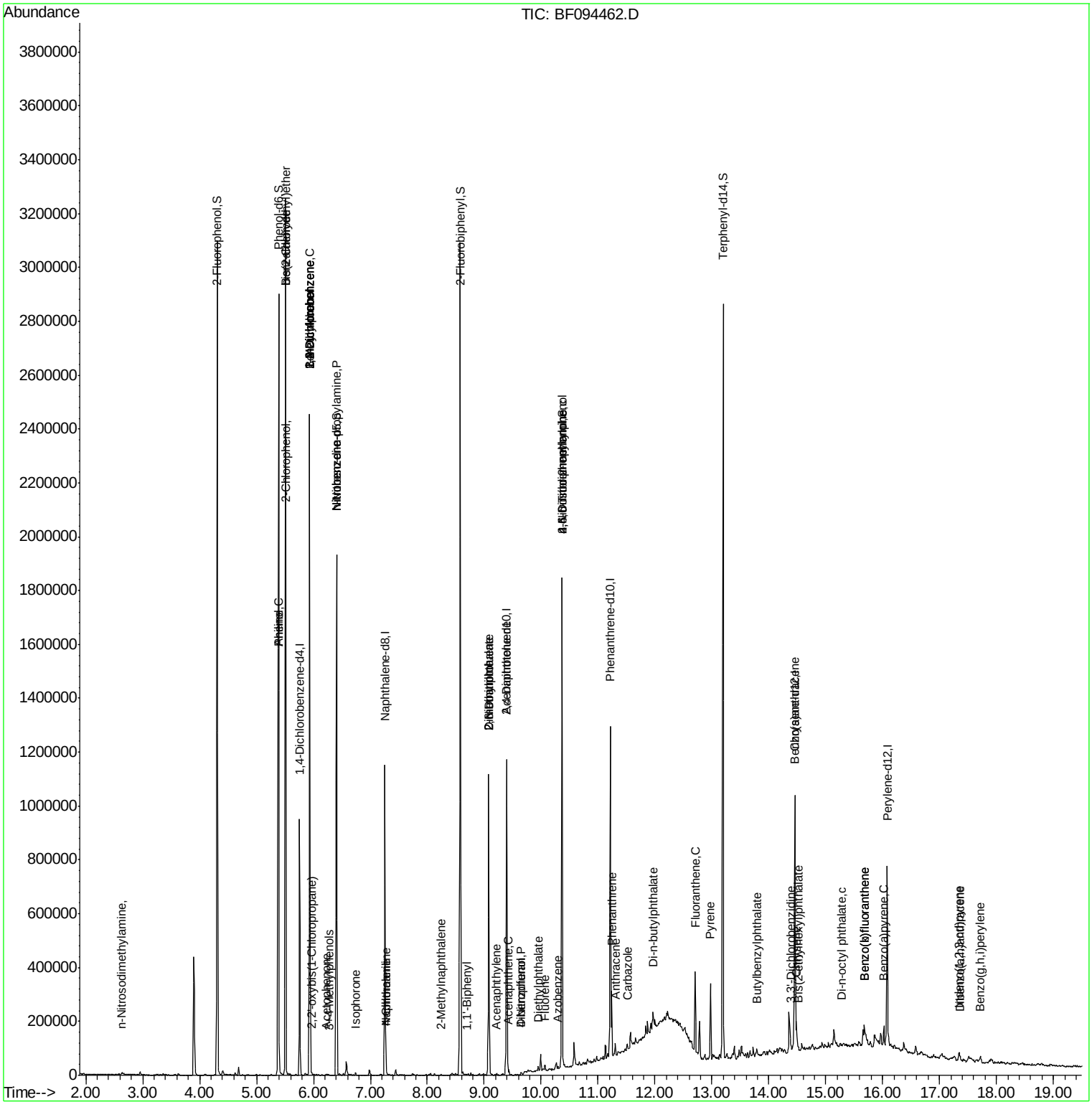
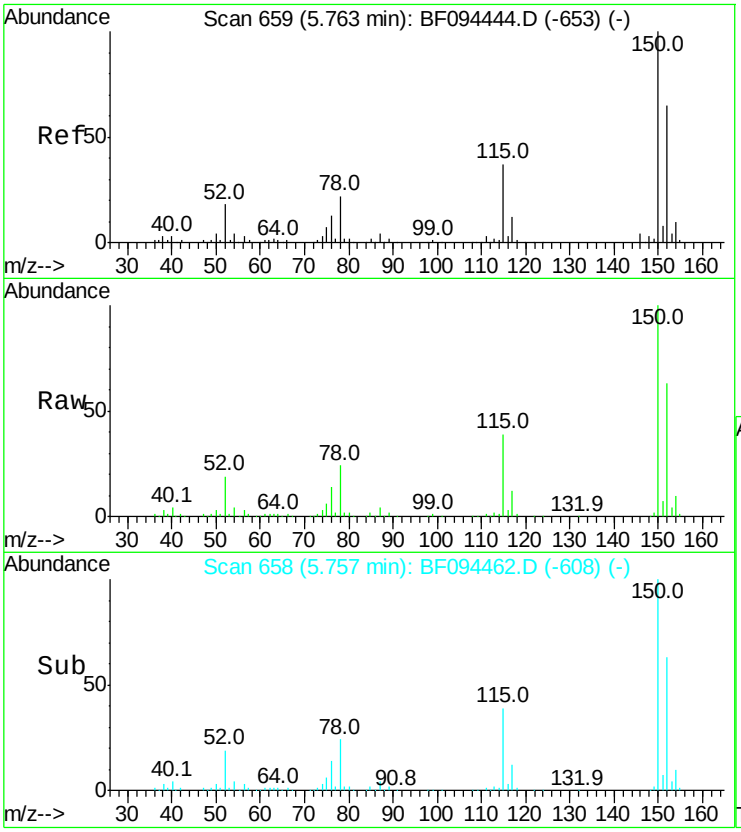
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



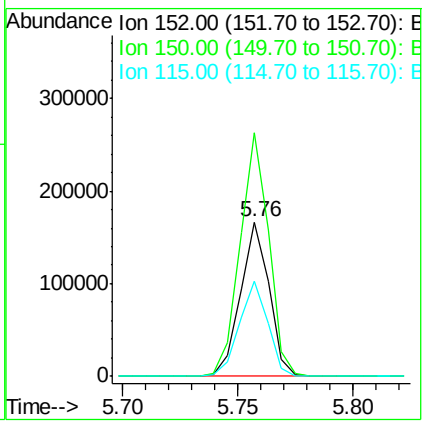


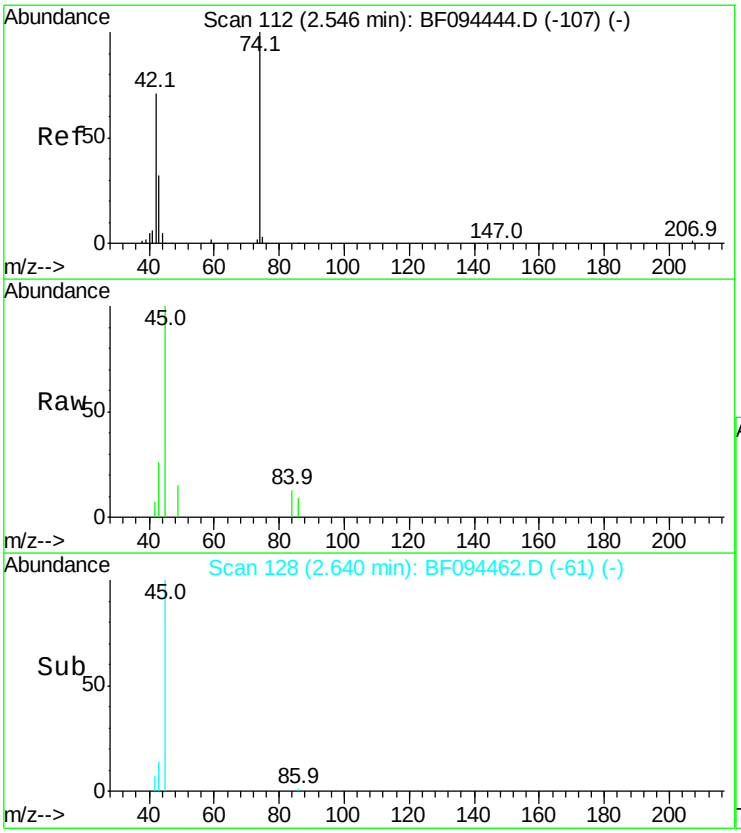
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 144159

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	61.5	52.2	78.2

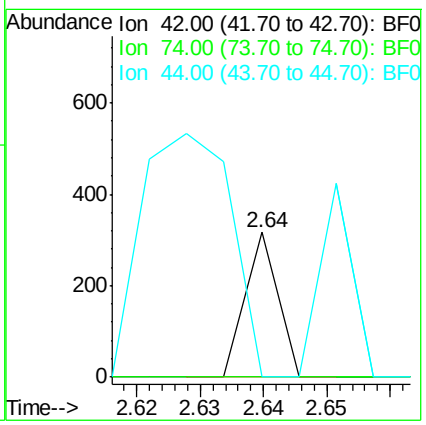


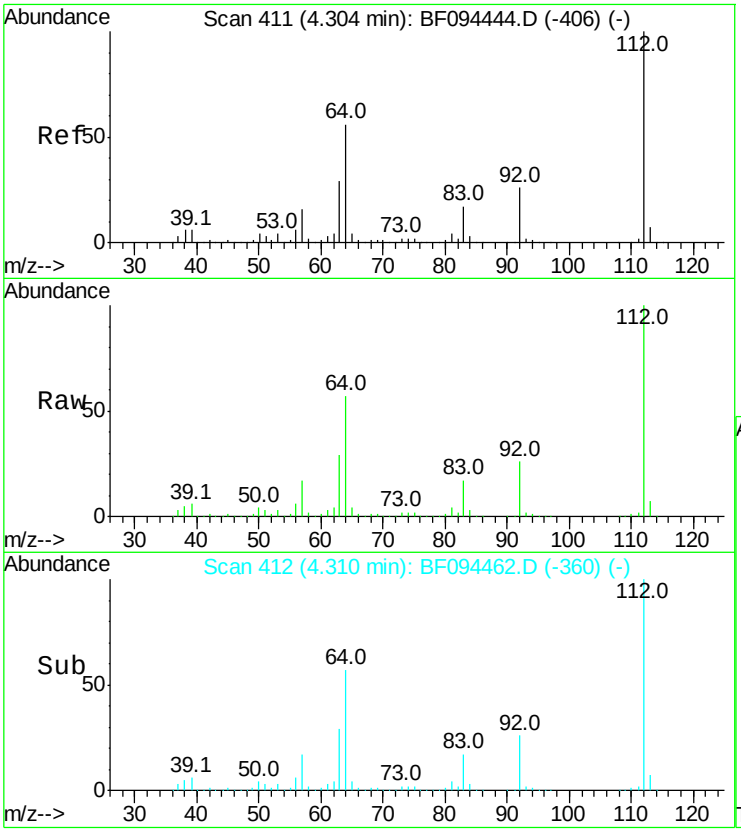


#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 2.64 min Scan# 128
Delta R.T. 0.09 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 42 Resp: 112

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.9	155.9#
44	0.0	5.7	8.5#



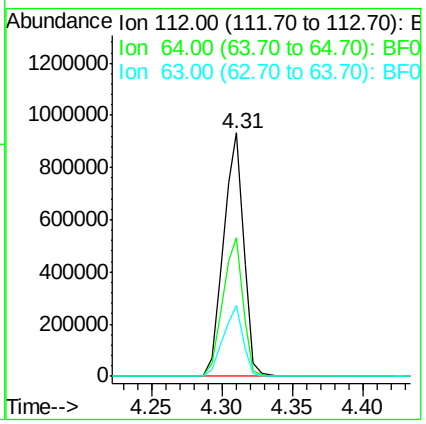


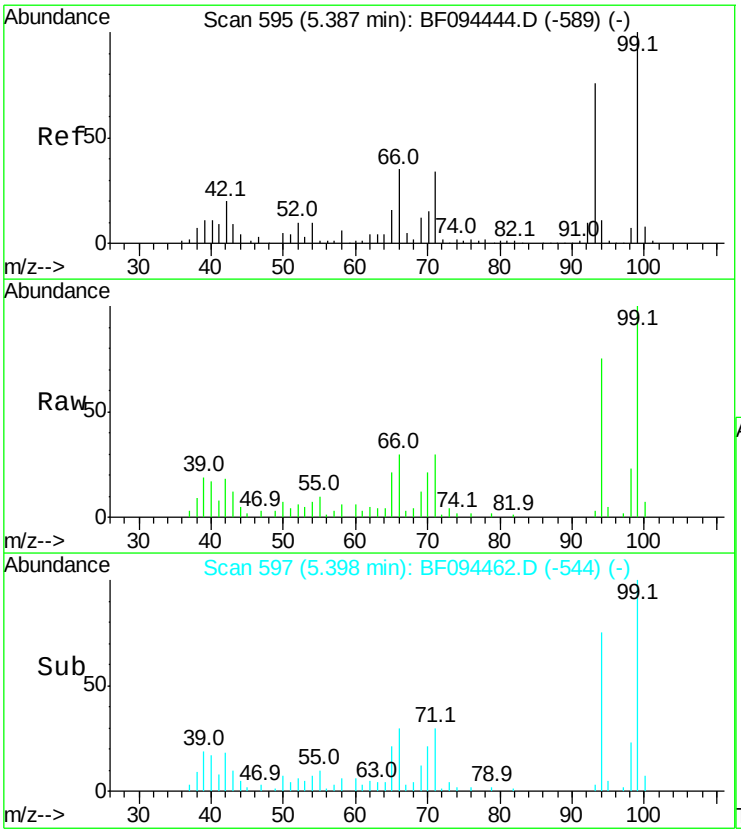
#5
2-Fluorophenol
Concen: 106.51 ng
RT: 4.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 925524

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.0	69.0
63	29.0	23.4	35.0

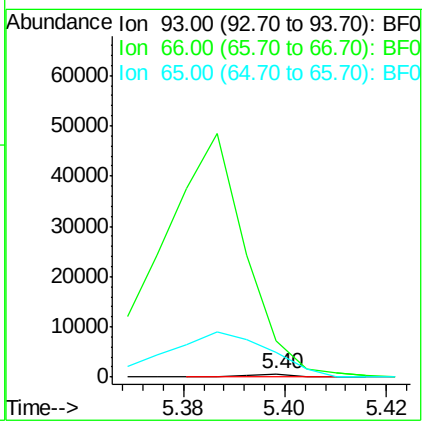


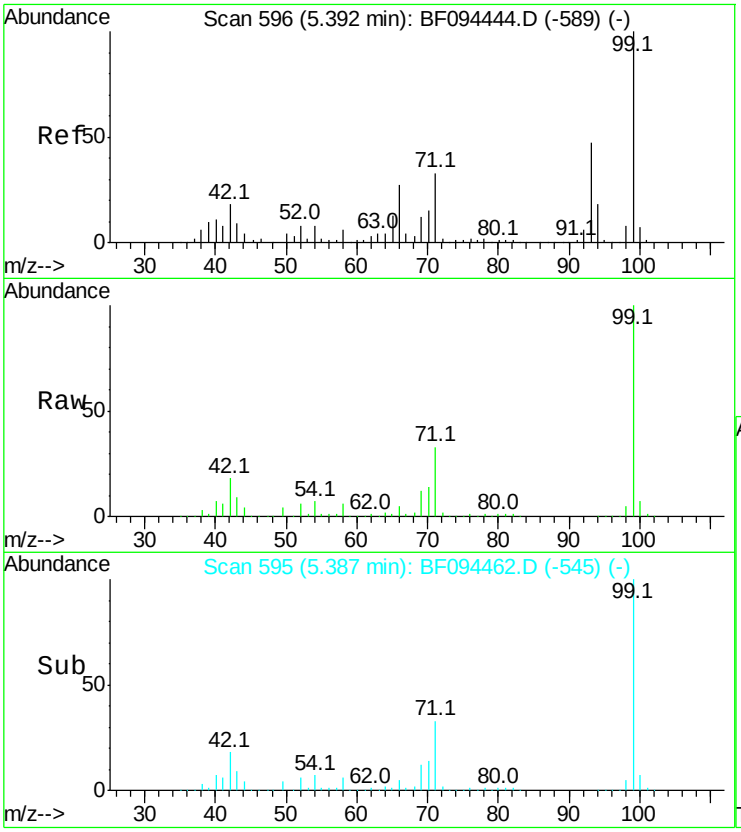


#6
Aniline
Concen: 0.03 ng
RT: 5.40 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 93 Resp: 369

Ion	Ratio	Lower	Upper
93	100		
66	1100.3	32.9	49.3#
65	755.7	16.0	24.0#



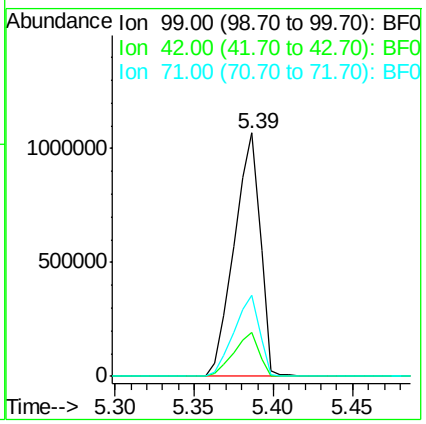


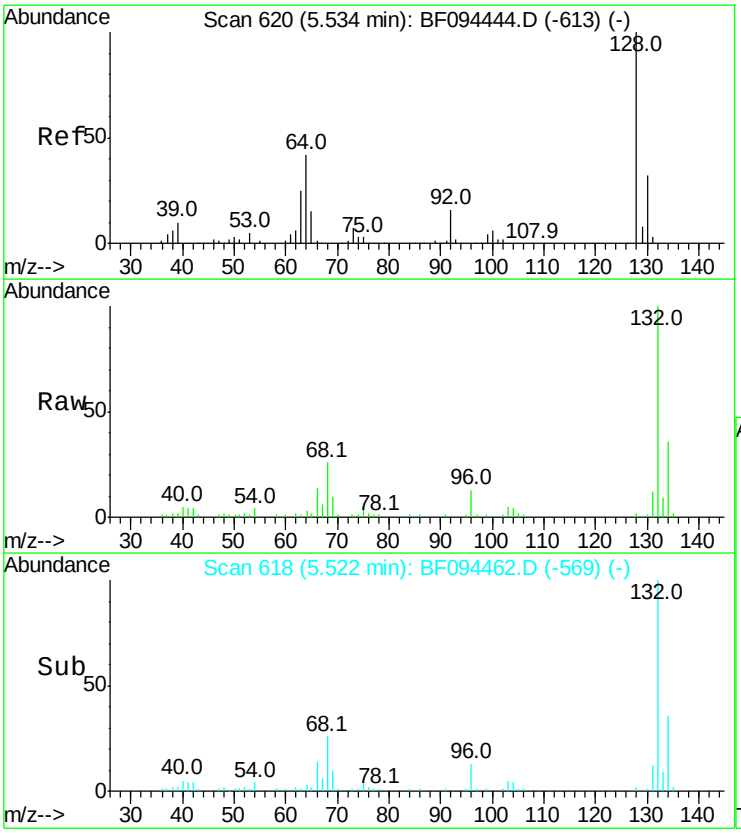
#7
Phenol-d6
Concen: 118.56 ng
RT: 5.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1214503

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	33.3	24.5	36.7

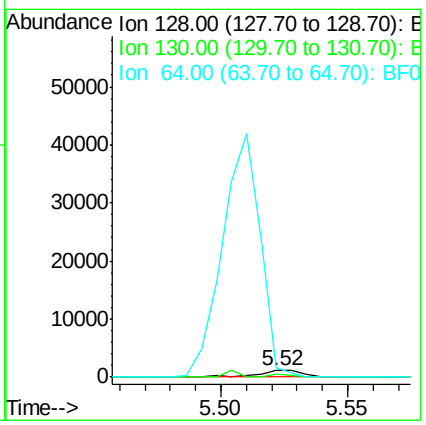


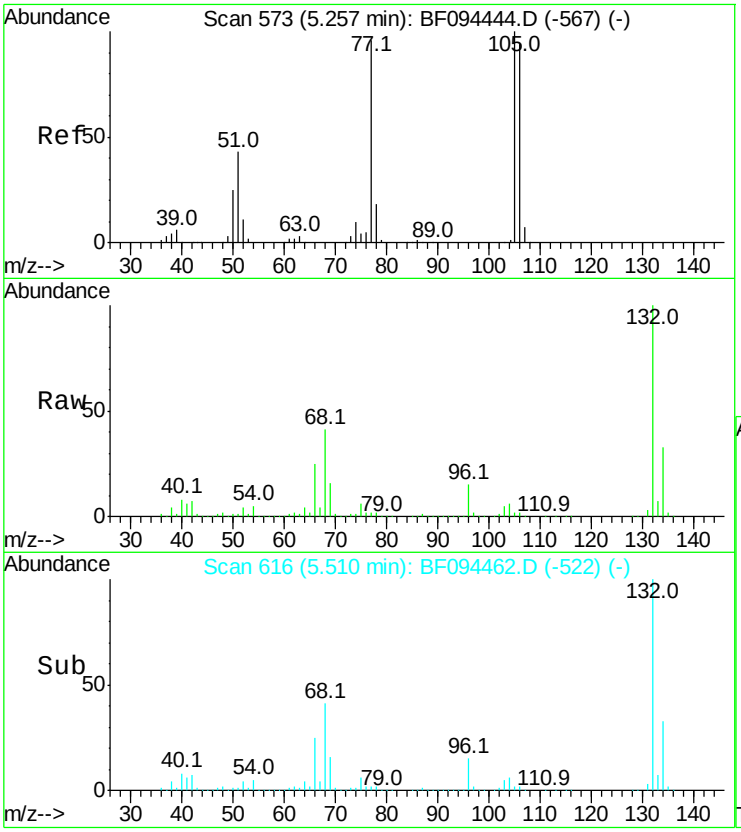


#8
2-Chlorophenol
Concen: 0.14 ng
RT: 5.52 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:128 Resp: 1409

Ion	Ratio	Lower	Upper
128	100		
130	41.4	12.9	52.9
64	145.9	28.4	68.4#

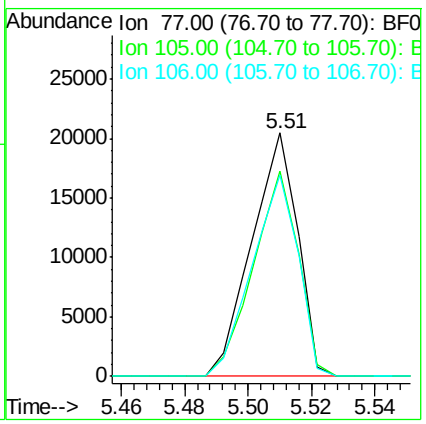




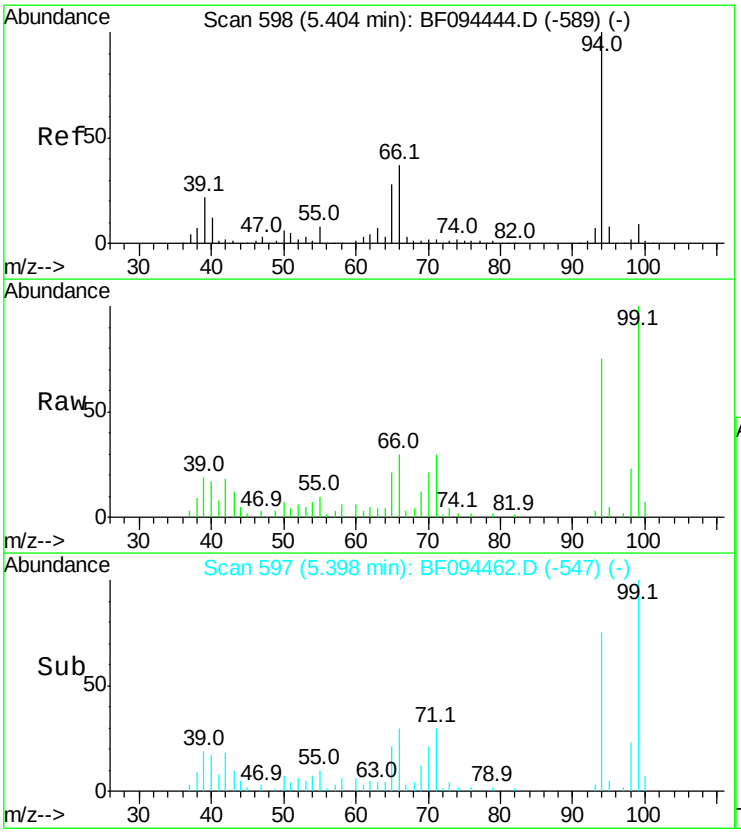
#9
Benzaldehyde
Concen: 2.63 ng
RT: 5.51 min Scan# 616
Delta R.T. 0.25 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 77 Resp: 20525

Ion	Ratio	Lower	Upper
77	100		
105	84.2	83.8	123.8
106	82.6	79.1	119.1



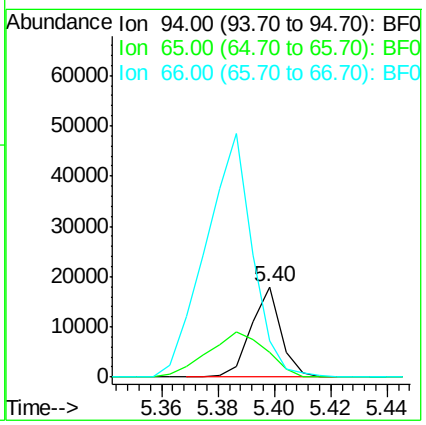
Instrument :
BNA_F
ClientSampleId :

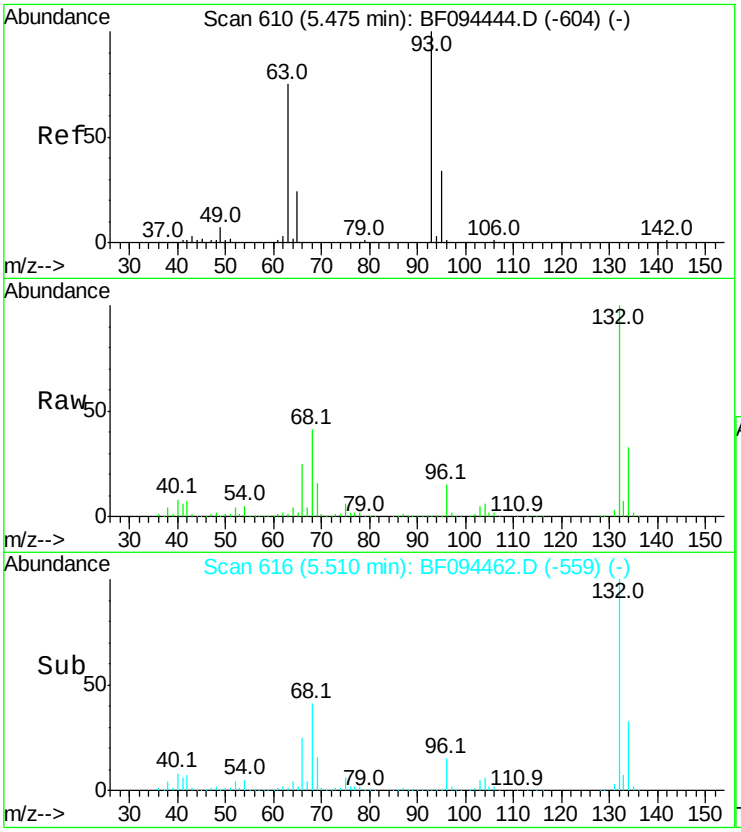


#10
Phenol
Concen: 1.05 ng
RT: 5.40 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 94 Resp: 13186

Ion	Ratio	Lower	Upper
94	100		
65	27.5	9.9	49.9
66	40.1	23.1	63.1



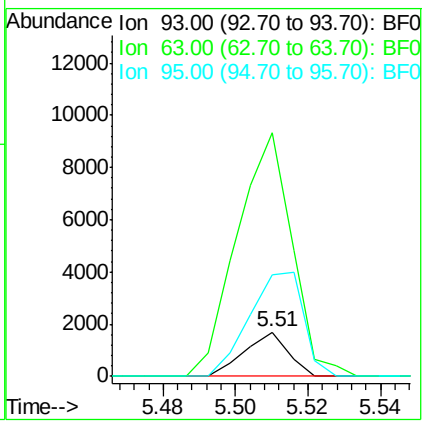


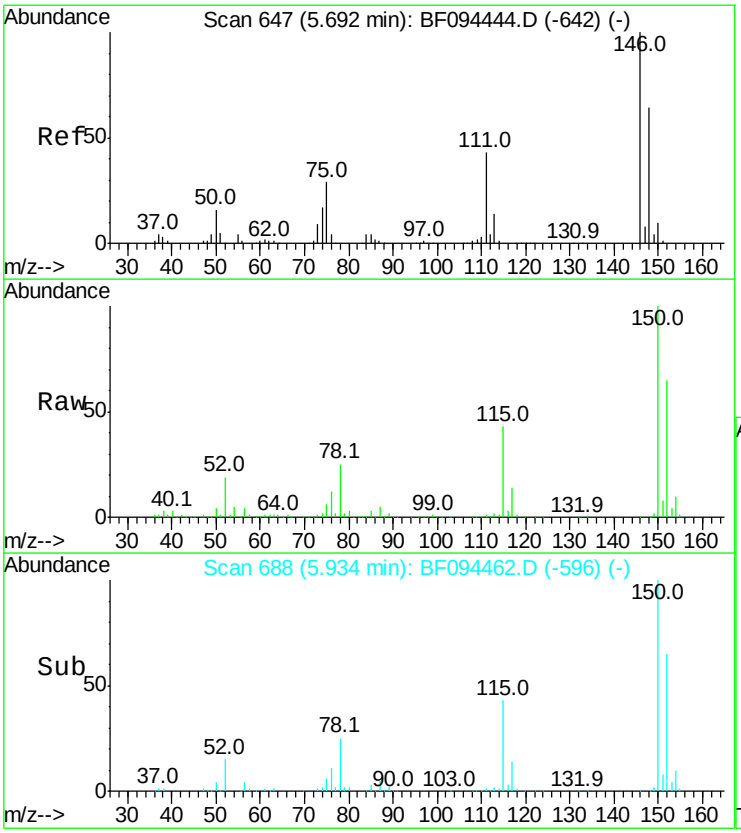
#11
bis(2-Chloroethyl)ether
Concen: 0.15 ng
RT: 5.51 min Scan# 616
Delta R.T. 0.04 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1423

Ion	Ratio	Lower	Upper
93	100		
63	546.3	59.2	99.2#
95	228.0	12.8	52.8#

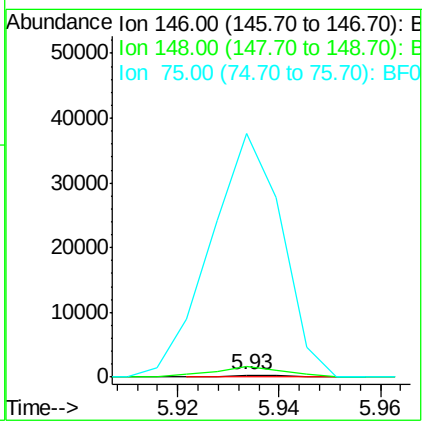


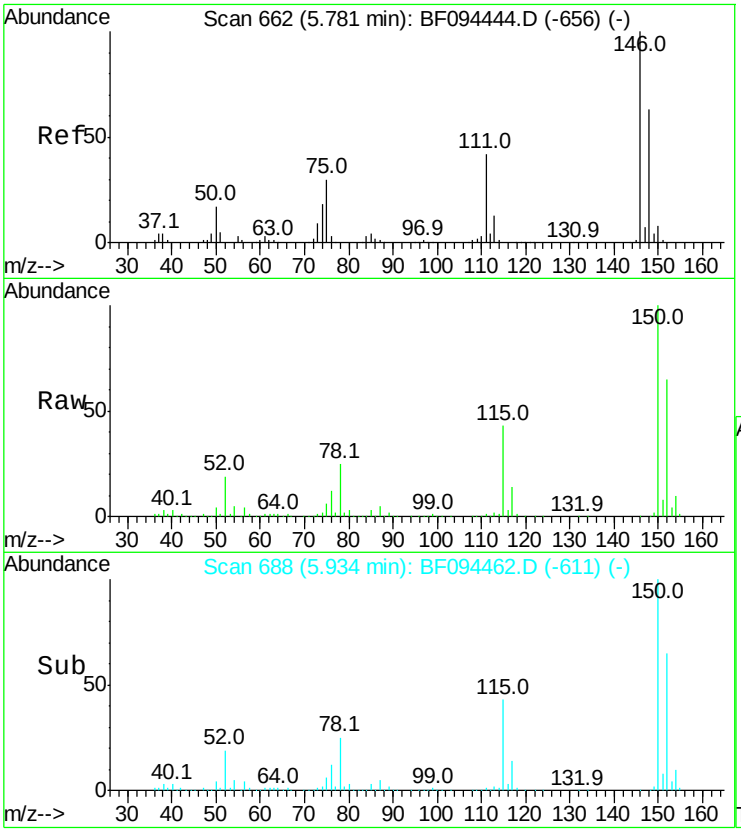


#12
1,3-Dichlorobenzene
Concen: 0.02 ng
RT: 5.93 min Scan# 688
Delta R.T. 0.24 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:146 Resp: 231

Ion	Ratio	Lower	Upper
146	100		
148	489.1	51.8	77.6#
75	11398.8	23.1	34.7#



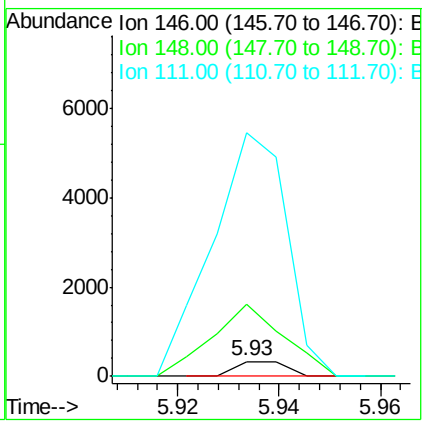


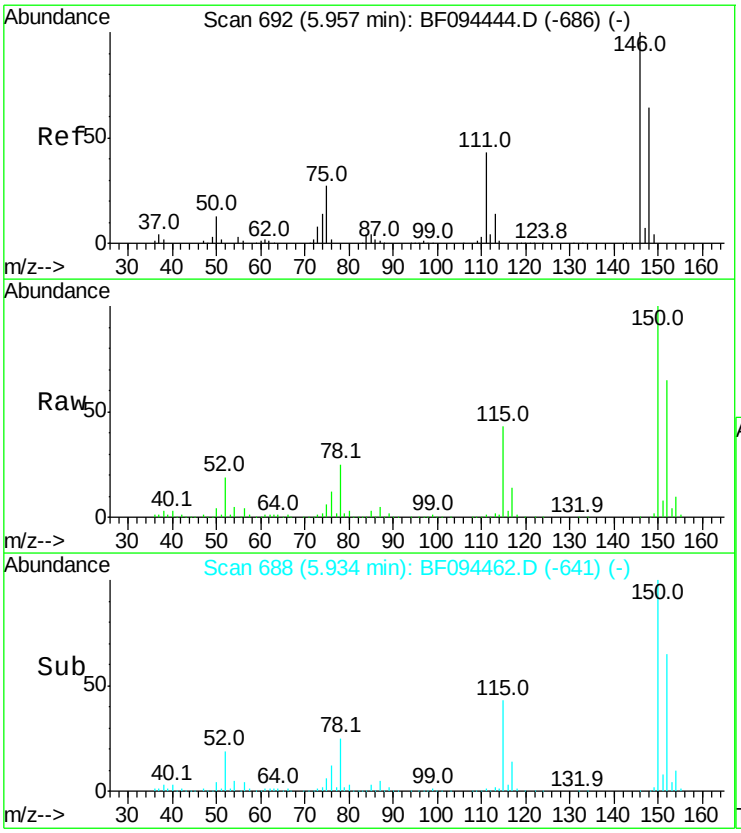
#13
1,4-Dichlorobenzene
Concen: 0.02 ng
RT: 5.93 min Scan# 688
Delta R.T. 0.15 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 231

Ion	Ratio	Lower	Upper
146	100		
148	489.1	52.2	78.2#
111	1652.4	30.3	45.5#

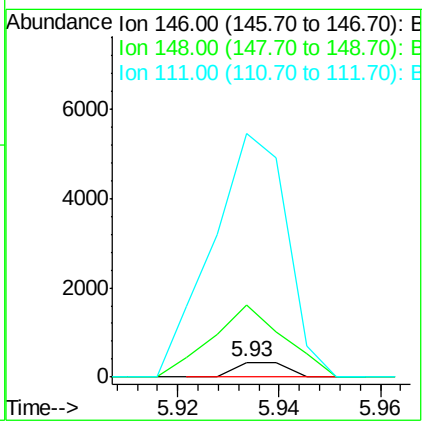


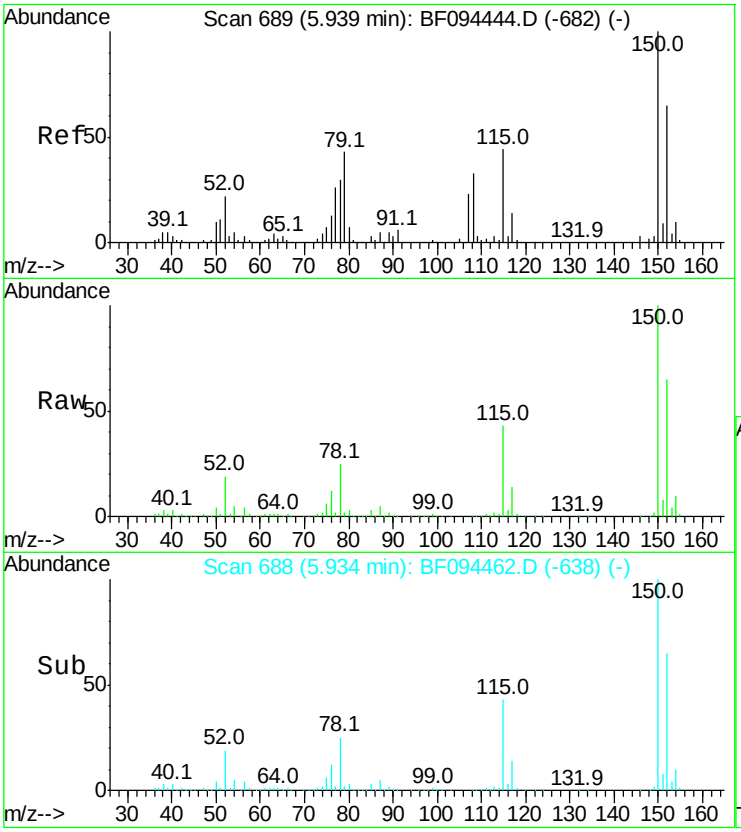


#14
1,2-Dichlorobenzene
Concen: 0.02 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:146 Resp: 231

Ion	Ratio	Lower	Upper
146	100		
148	489.1	50.4	75.6#
111	1652.4	38.2	57.4#



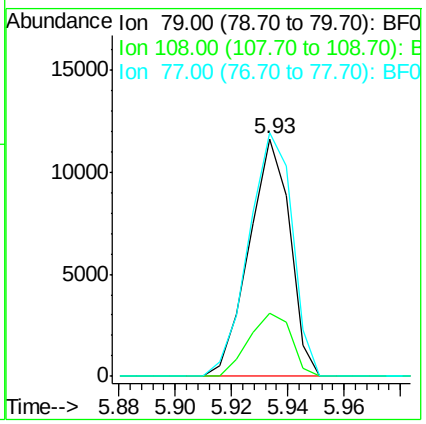


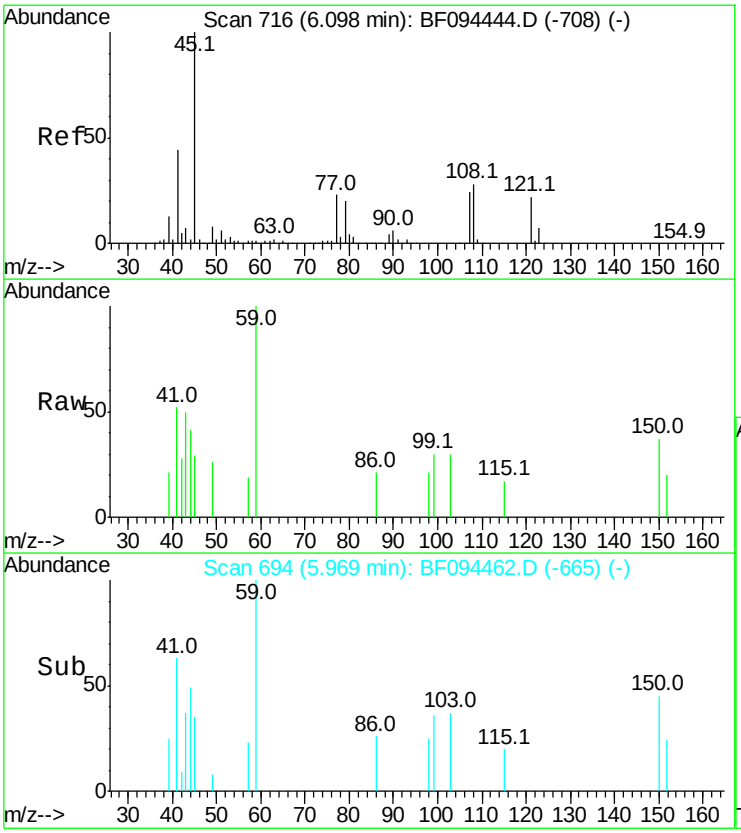
#15
Benzyl Alcohol
Concen: 1.53 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 11650

Ion	Ratio	Lower	Upper
79	100		
108	26.8	63.4	95.0#
77	102.6	49.2	73.8#

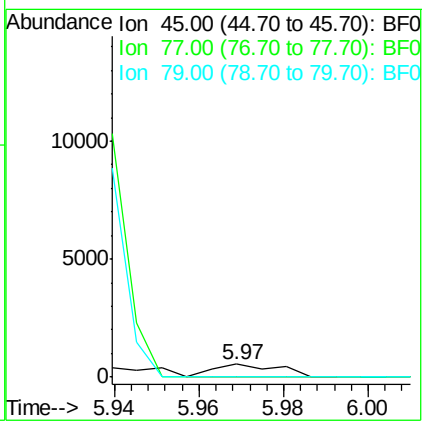


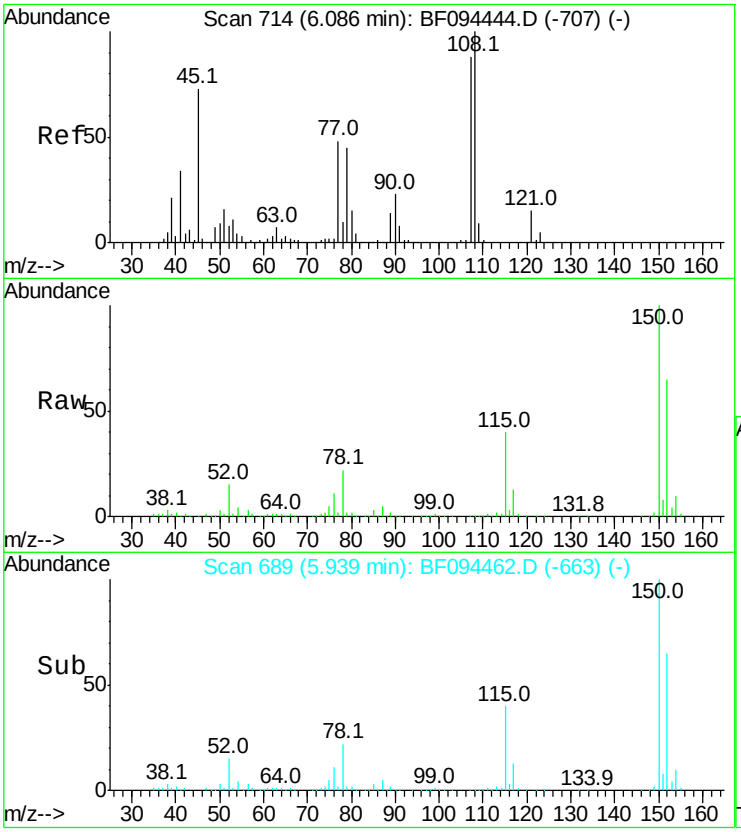


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.05 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.13 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 45 Resp: 579

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.2
79	0.0	0.0	30.0



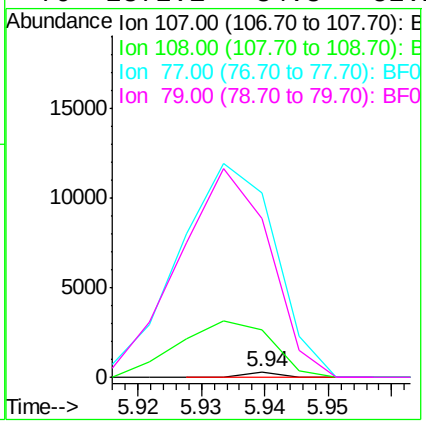


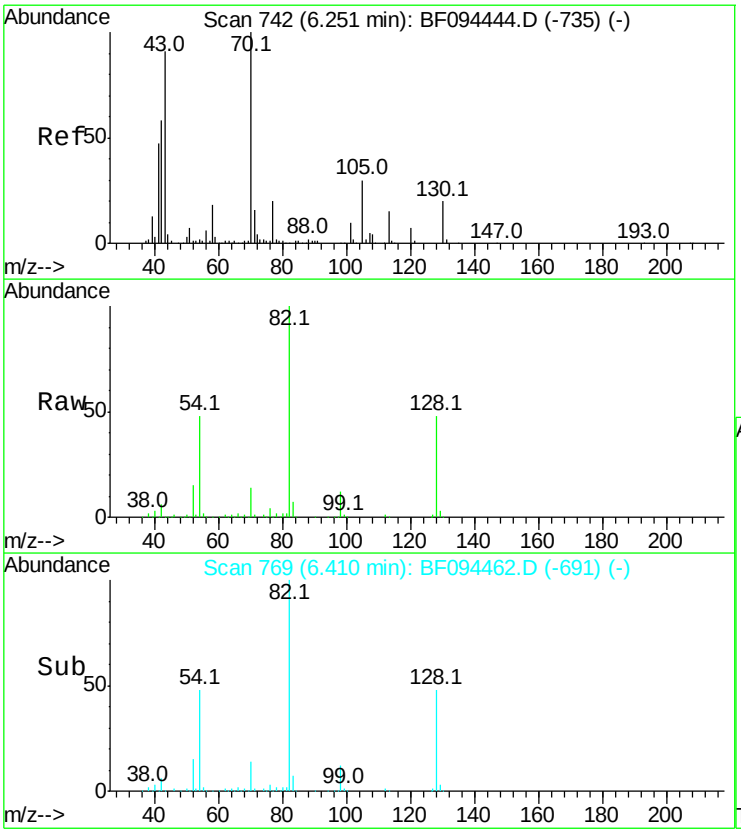
#17
2-Methylphenol
Concen: 0.01 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.15 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 109

Ion	Ratio	Lower	Upper
107	100		
108	865.9	93.4	140.0#
77	3349.7	35.8	53.6#
79	2872.1	34.8	52.2#

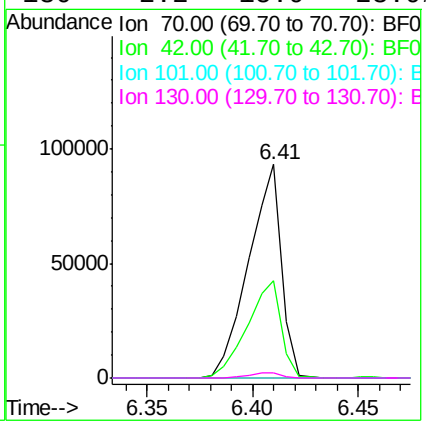


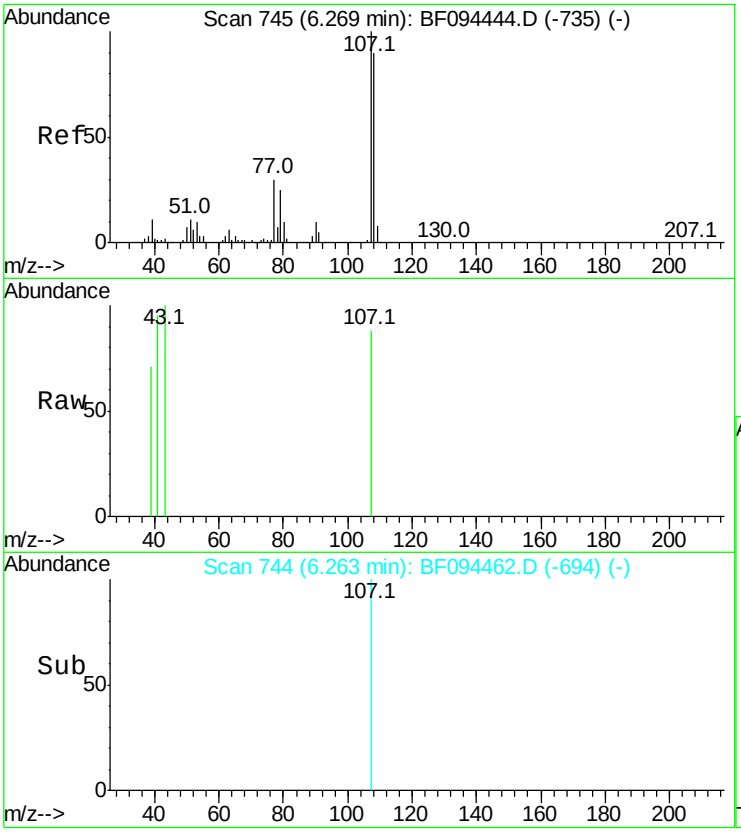


#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 6.41 min Scan# 769
Delta R.T. 0.16 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 70 Resp: 100489

Ion	Ratio	Lower	Upper
70	100		
42	45.5	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#



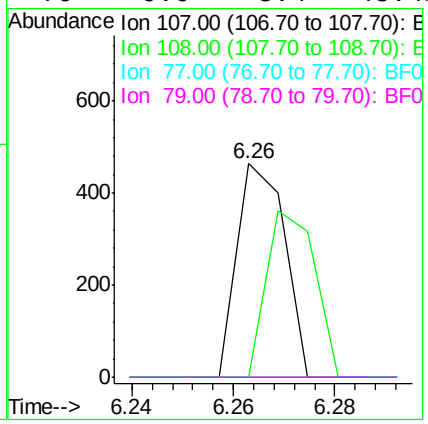


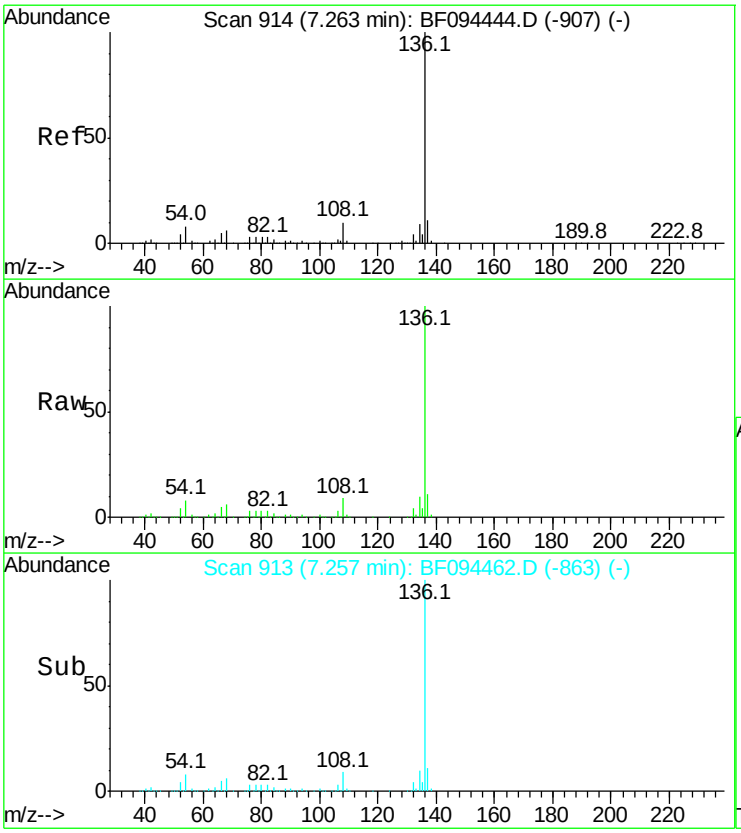
#20
3+4-Methylphenols
Concen: 0.03 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 305

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

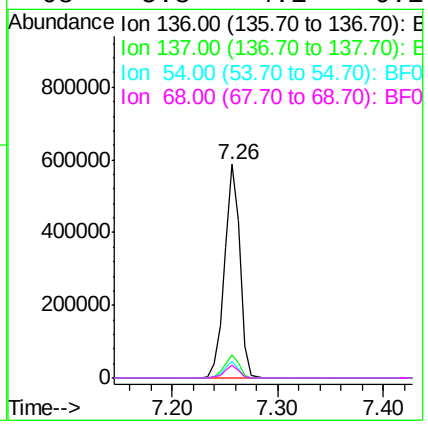


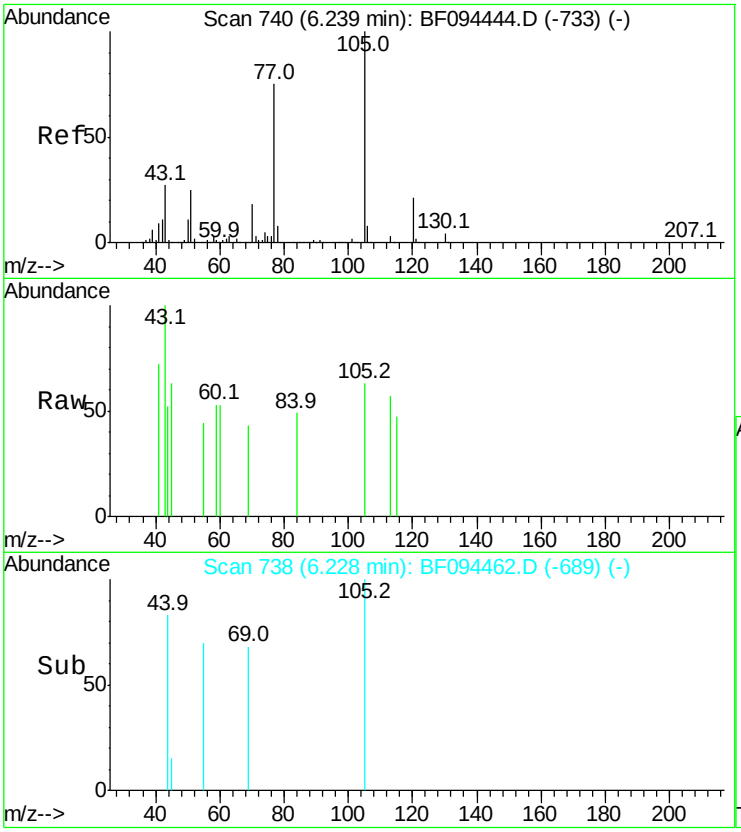


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:136 Resp: 591742

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	5.8	4.1	6.1



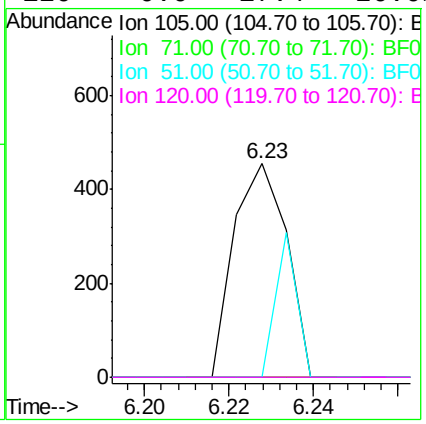


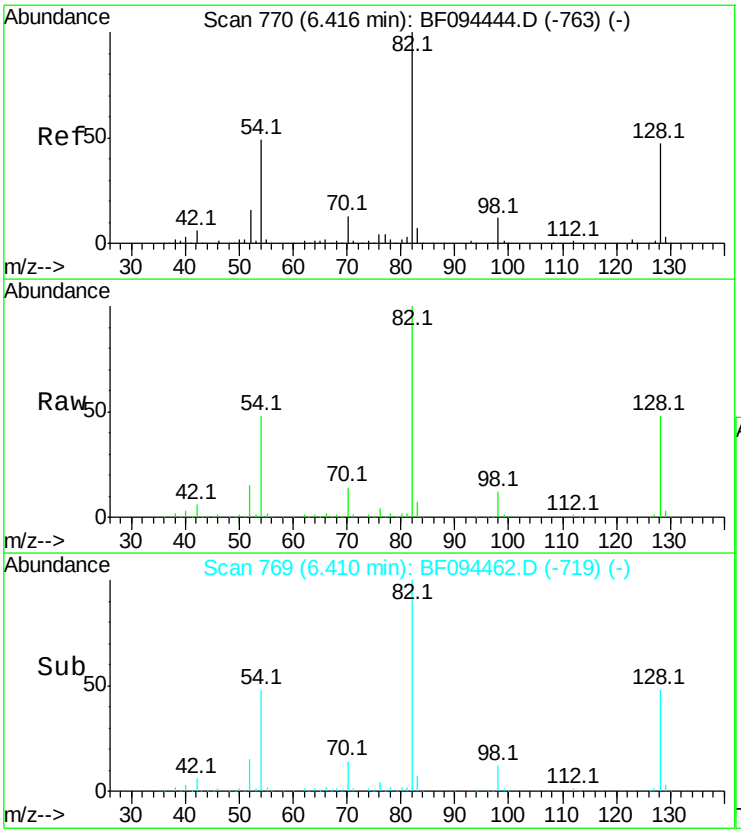
#22
Acetophenone
Concen: 0.03 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 394

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	0.0	30.7	46.1#
120	0.0	17.4	26.0#

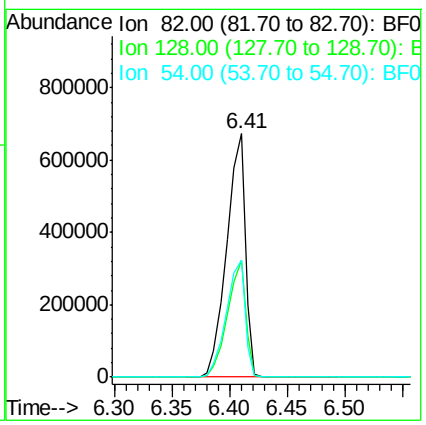


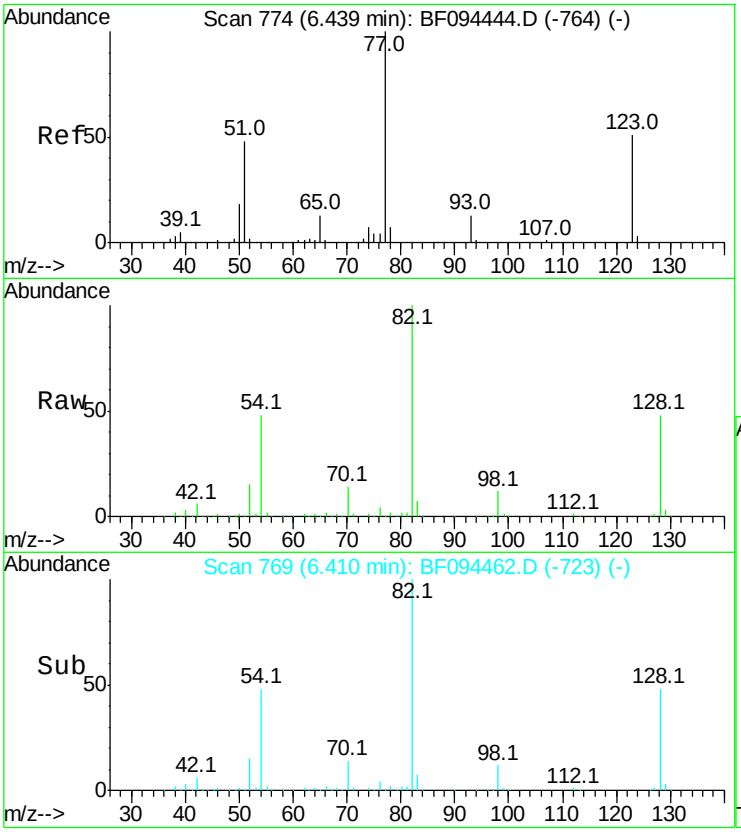


#23
Nitrobenzene-d5
Concen: 78.74 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 82 Resp: 754536

Ion	Ratio	Lower	Upper
82	100		
128	47.8	34.0	51.0
54	48.2	42.2	63.2



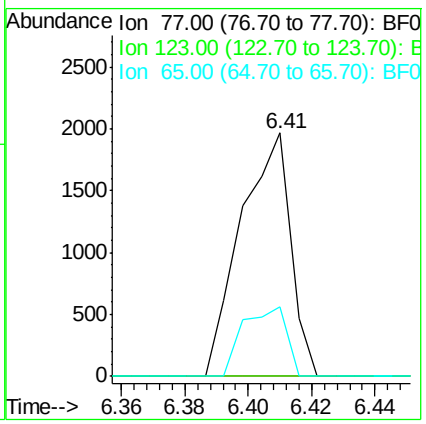


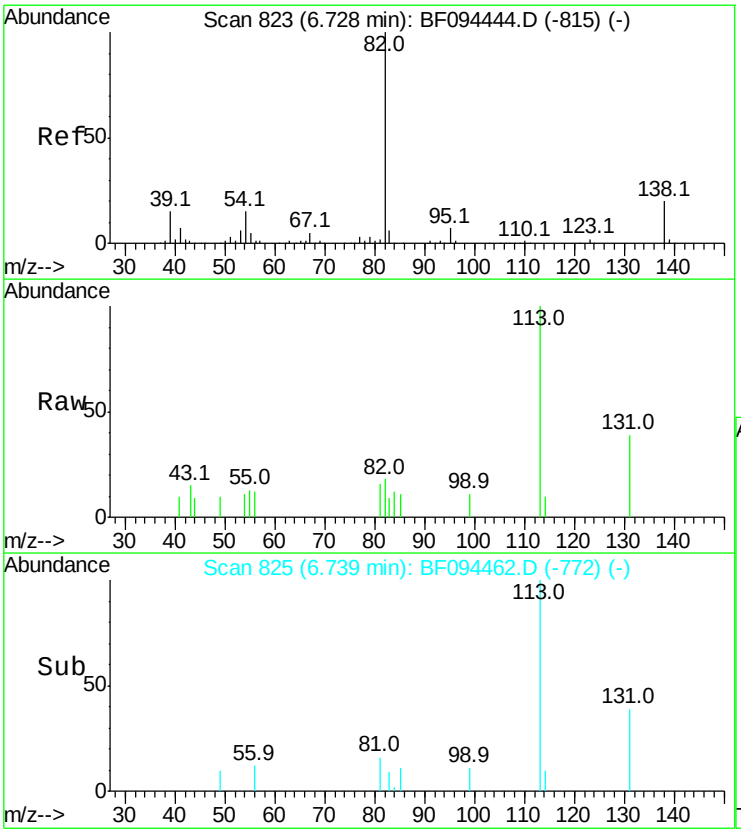
#24
Nitrobenzene
Concen: 0.21 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2130

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	28.7	10.6	15.8#

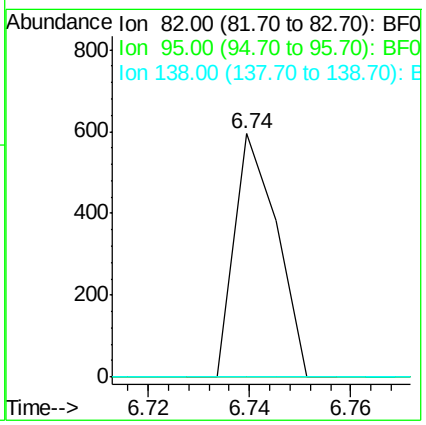


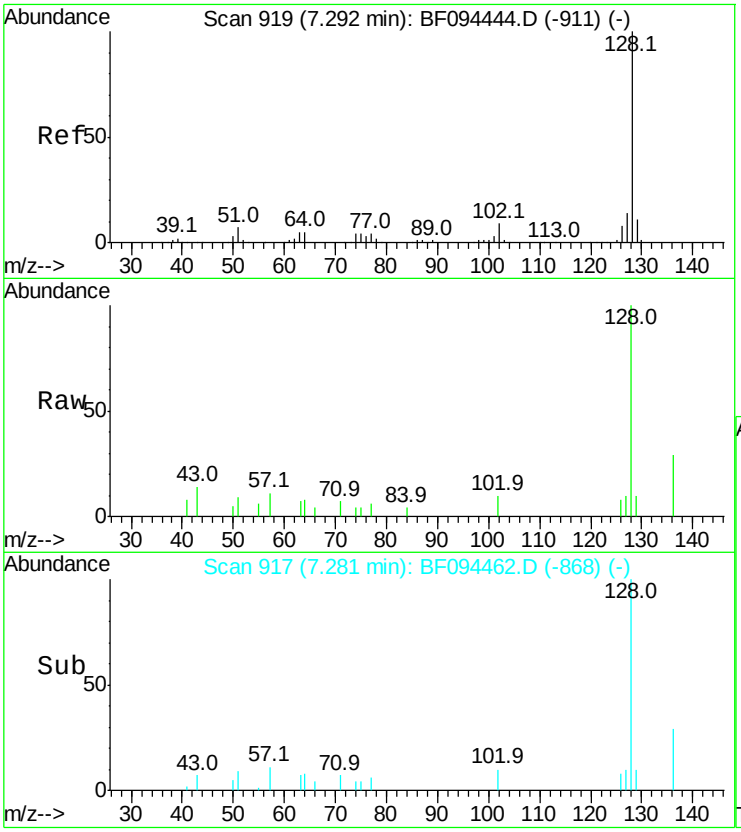


#25
Isophorone
Concen: 0.02 ng
RT: 6.74 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 82 Resp: 346

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



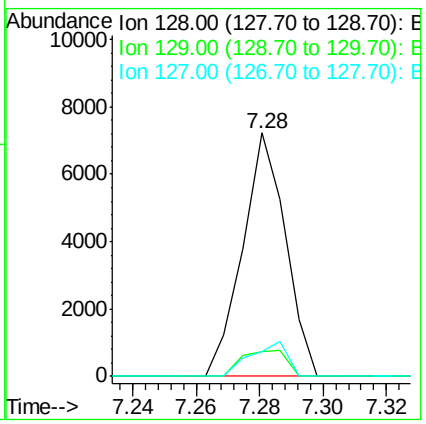


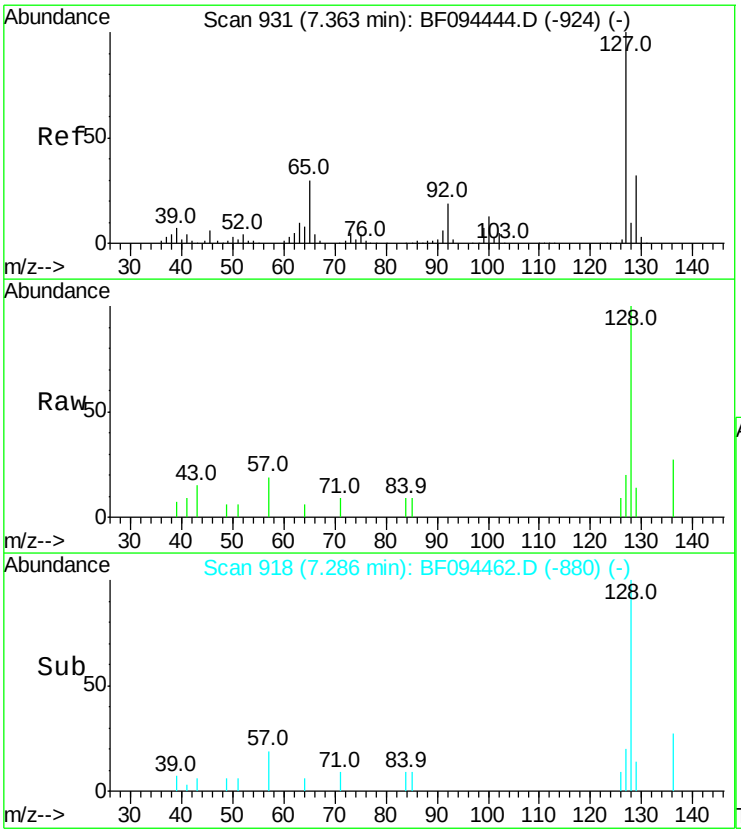
#31
Naphthalene
Concen: 0.24 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 6754

Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.0	13.6
127	10.4	10.8	16.2#

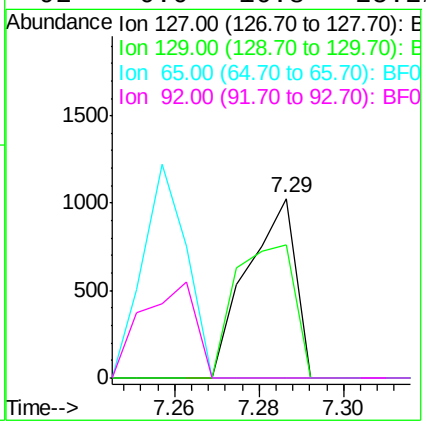


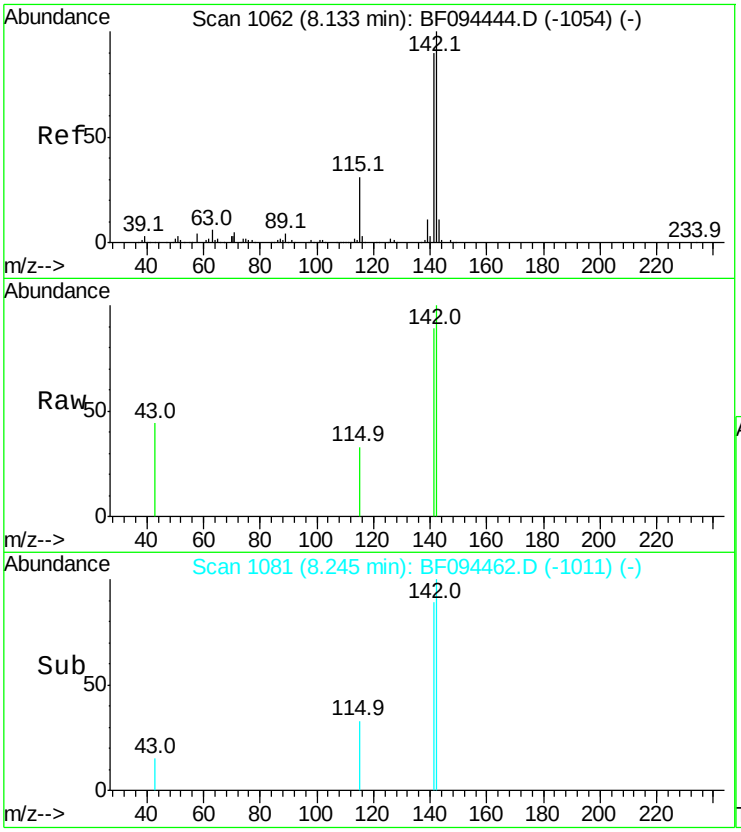


#33
4-Chloroaniline
Concen: 0.07 ng
RT: 7.29 min Scan# 918
Delta R.T. -0.08 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:127 Resp: 816

Ion	Ratio	Lower	Upper
127	100		
129	73.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

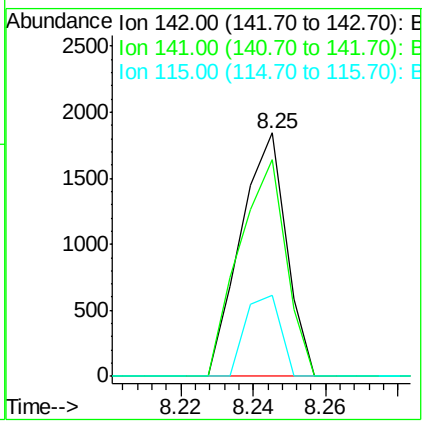




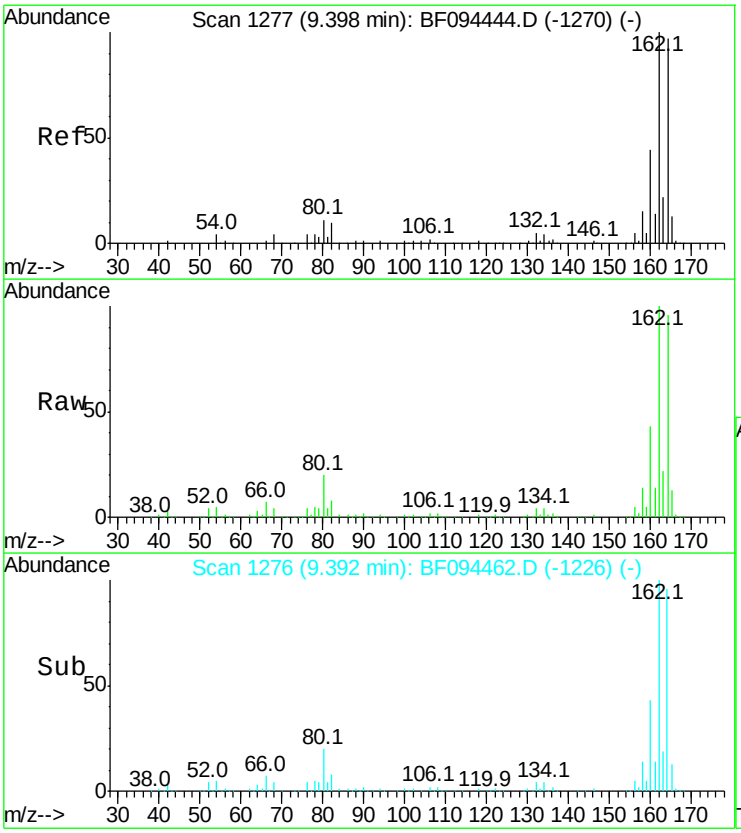
#37
2-Methylnaphthalene
Concen: 0.08 ng
RT: 8.25 min Scan# 1081
Delta R.T. 0.11 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:142 Resp: 1610

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	33.5	27.1	40.7



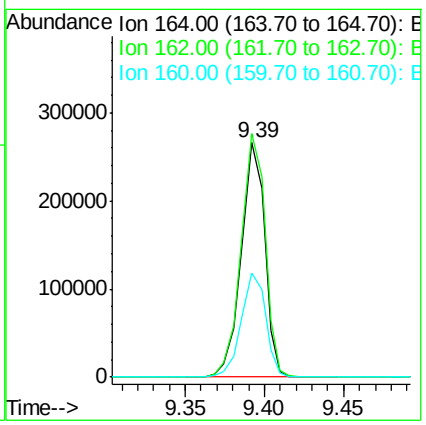
Instrument :
BNA_F
ClientSampleId :

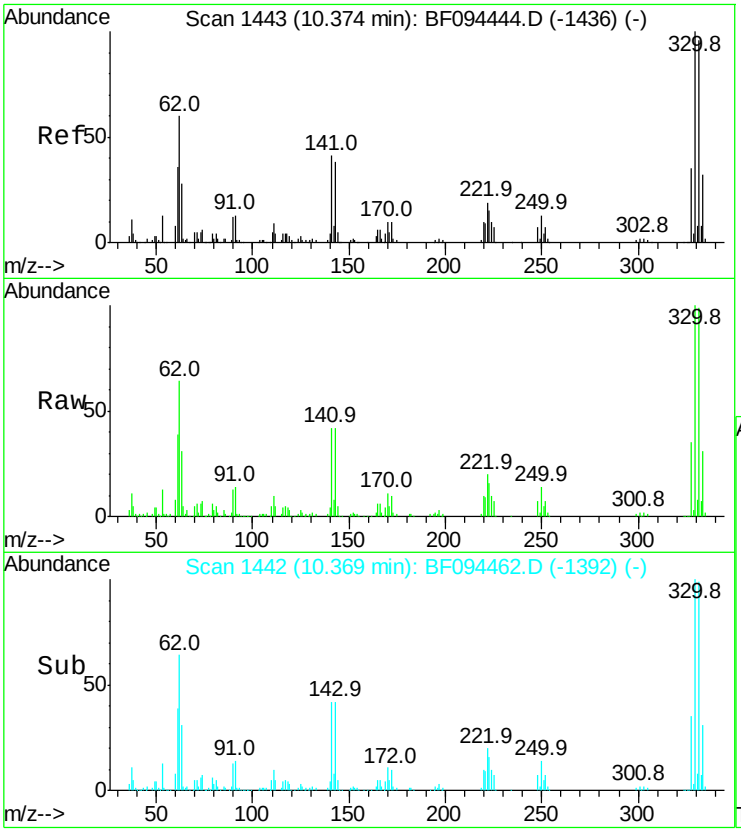


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:164 Resp: 273226

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	44.7	36.2	54.2



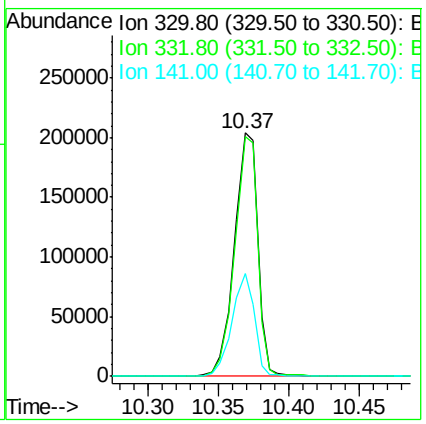


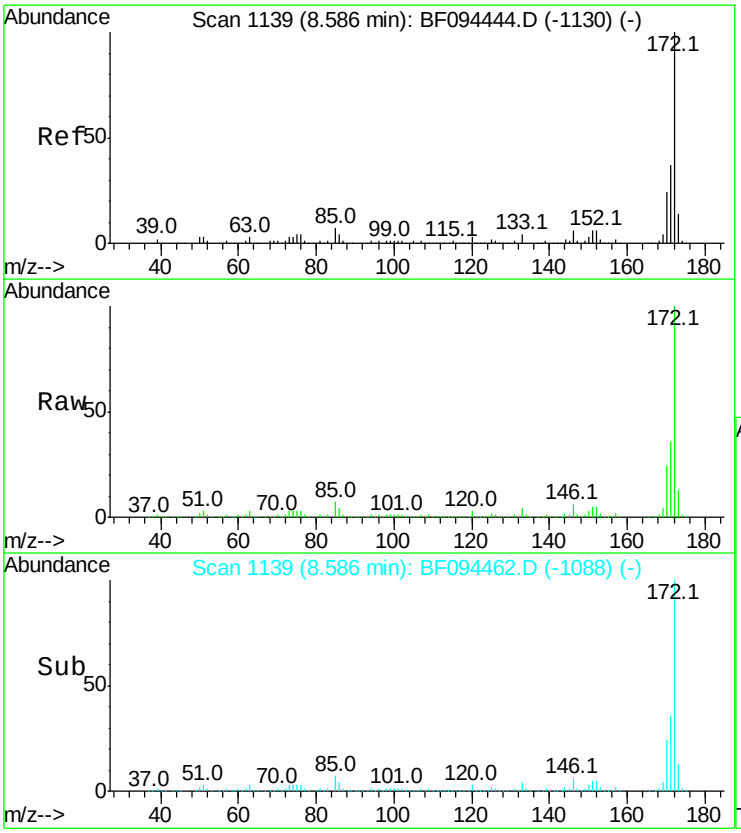
#41
2,4,6-Tribromophenol
Concen: 110.82 ng
RT: 10.37 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 236842

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.7	31.4	47.2

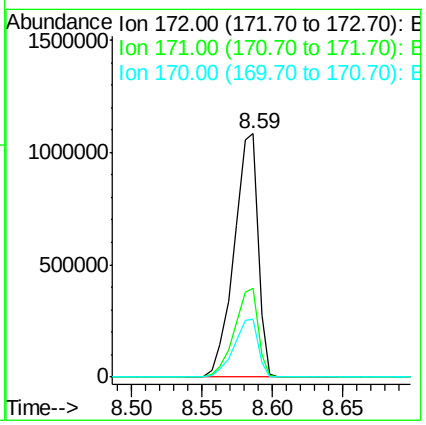


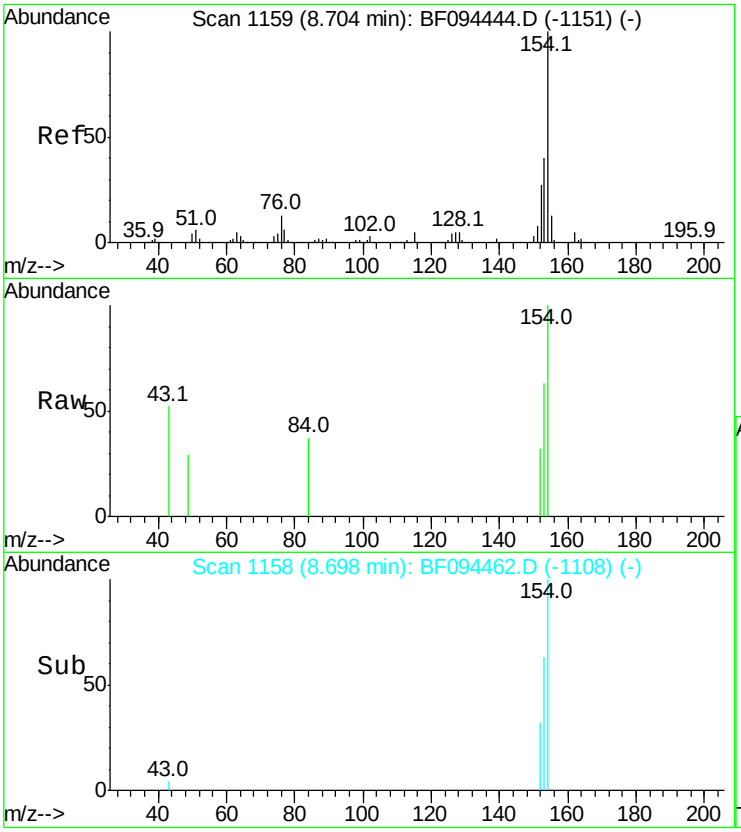


#44
2-Fluorobiphenyl
Concen: 69.11 ng
RT: 8.59 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:172 Resp: 1283305

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	23.7	19.8	29.8



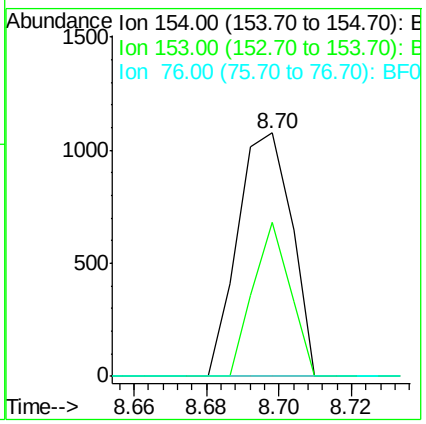


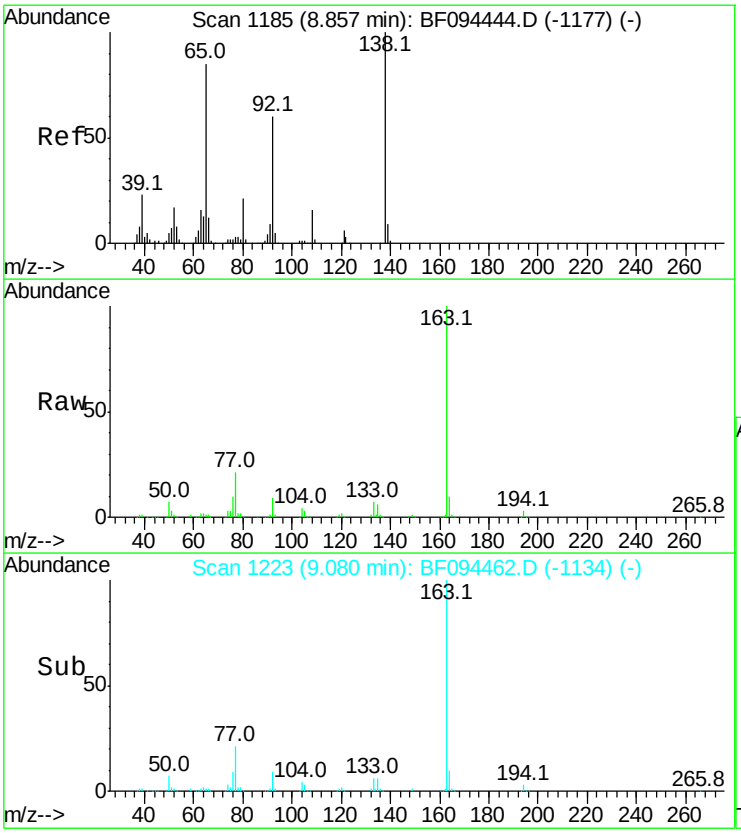
#45
1,1'-Biphenyl
Concen: 0.05 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1111

Ion	Ratio	Lower	Upper
154	100		
153	63.1	21.2	61.2#
76	0.0	0.0	29.9

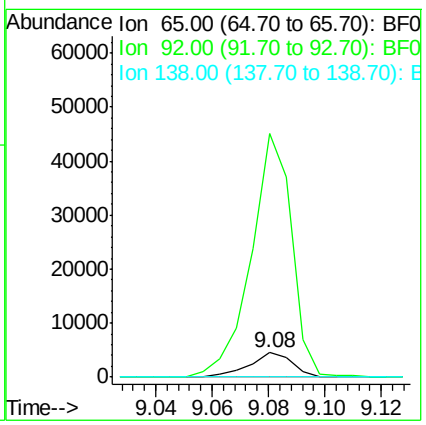


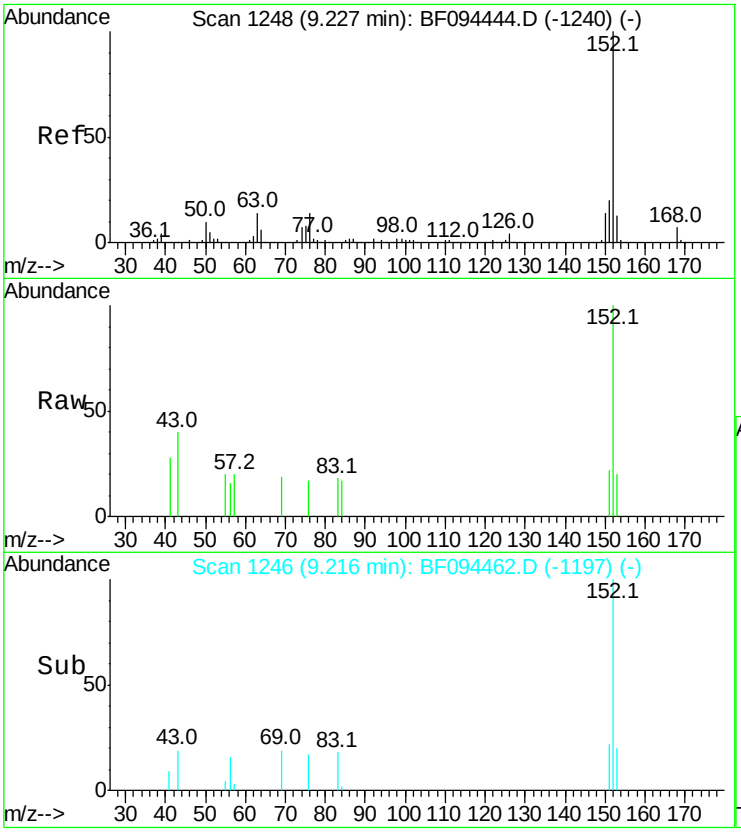


#47
2-Nitroaniline
Concen: 0.93 ng
RT: 9.08 min Scan# 1223
Delta R.T. 0.22 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 65 Resp: 4741

Ion	Ratio	Lower	Upper
65	100		
92	999.0	53.9	80.9#
138	0.0	78.8	118.2#

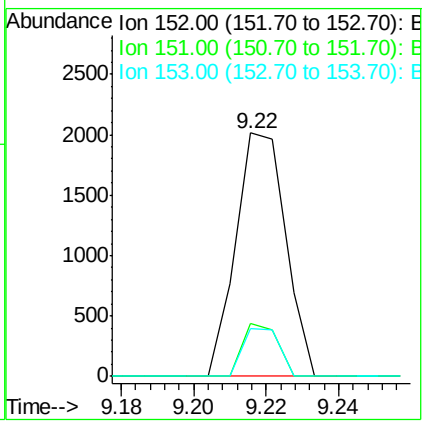




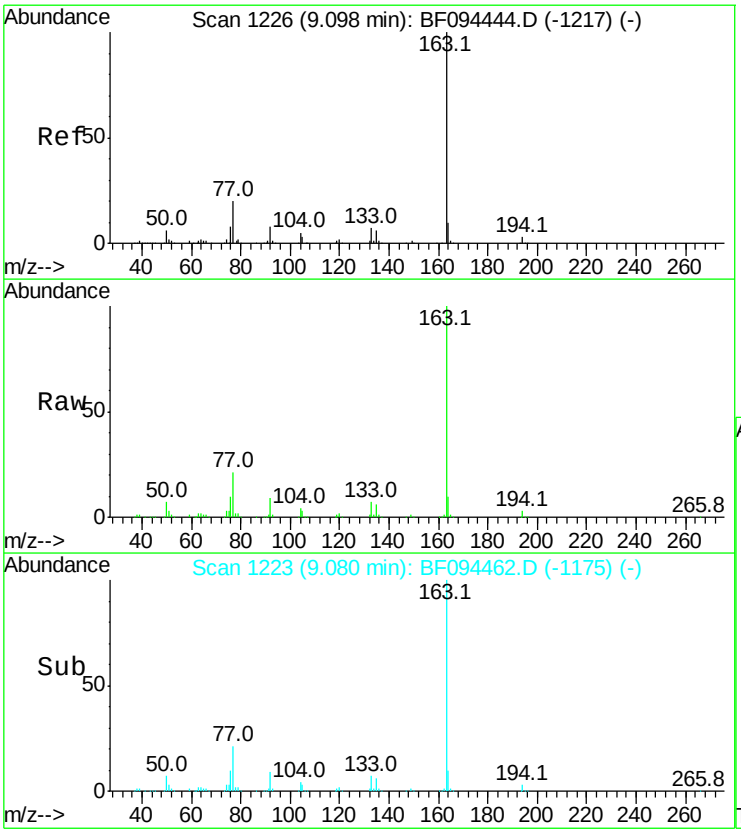
#48
Acenaphthylene
Concen: 0.07 ng
RT: 9.22 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:152 Resp: 1918

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.8	25.2
153	19.5	10.8	16.2#



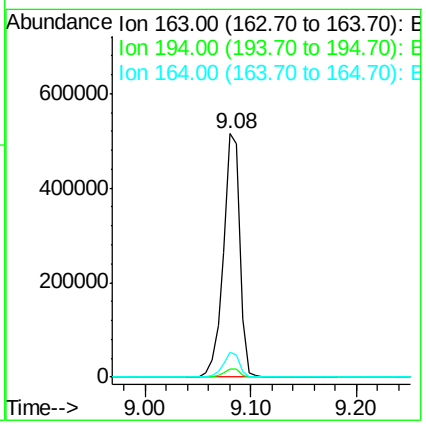
Instrument :
BNA_F
ClientSampleId :

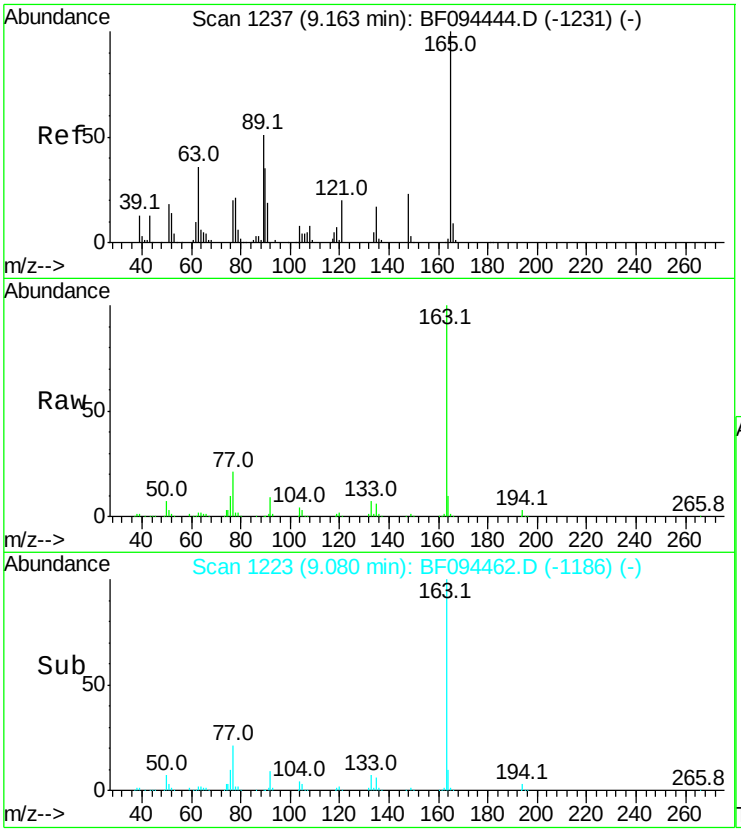


#49
Dimethylphthalate
Concen: 27.19 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:163 Resp: 553603

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.4	8.4	12.6



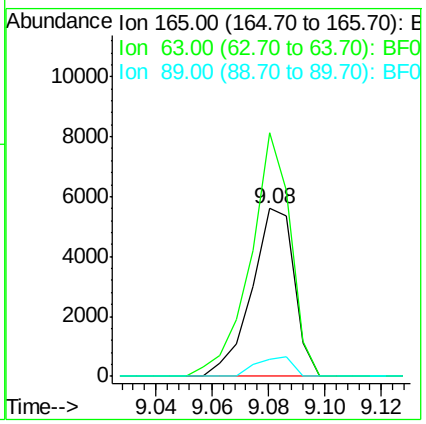


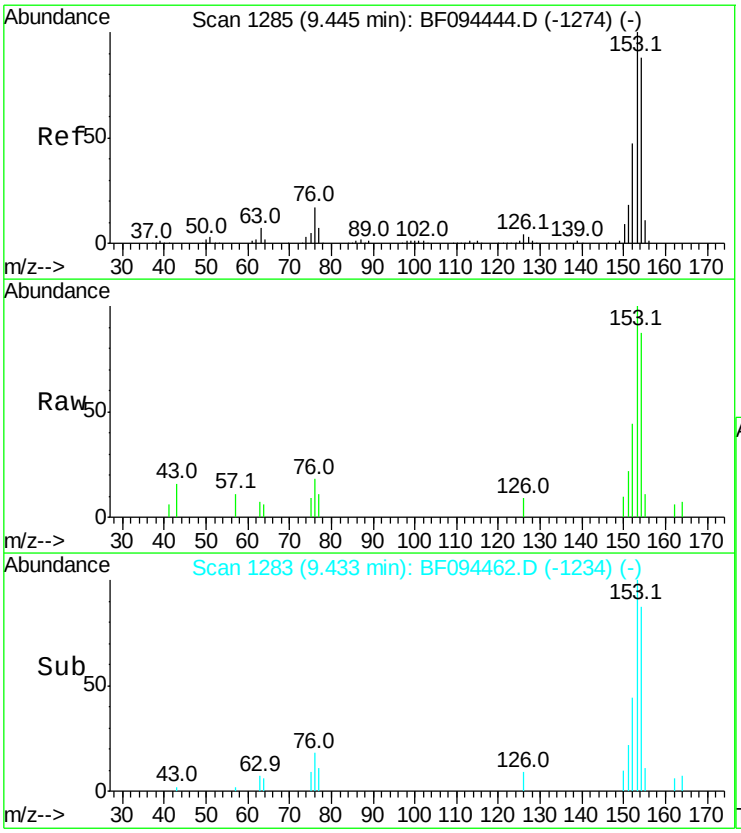
#50
2,6-Dinitrotoluene
Concen: 1.28 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.08 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5869

Ion	Ratio	Lower	Upper
165	100		
63	145.1	34.3	51.5#
89	10.1	37.1	55.7#

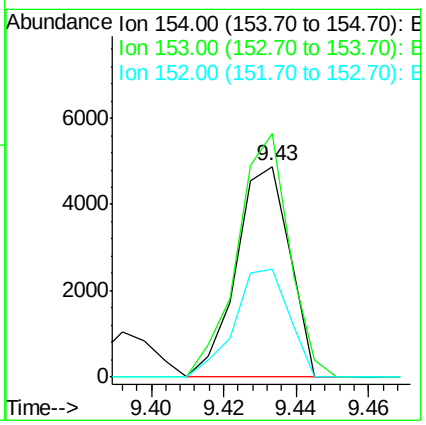


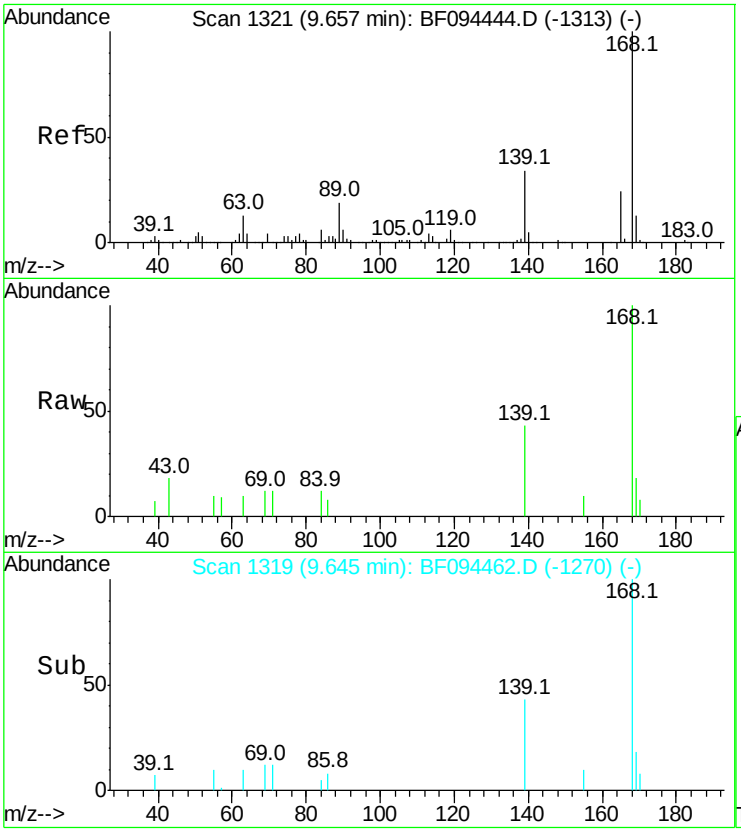


#51
Acenaphthene
Concen: 0.30 ng
RT: 9.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:154 Resp: 4978

Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.5	135.7
152	51.2	43.6	65.4



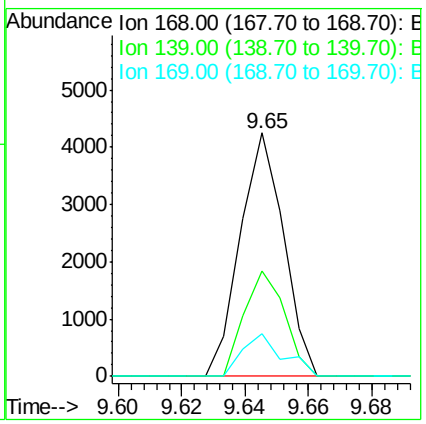


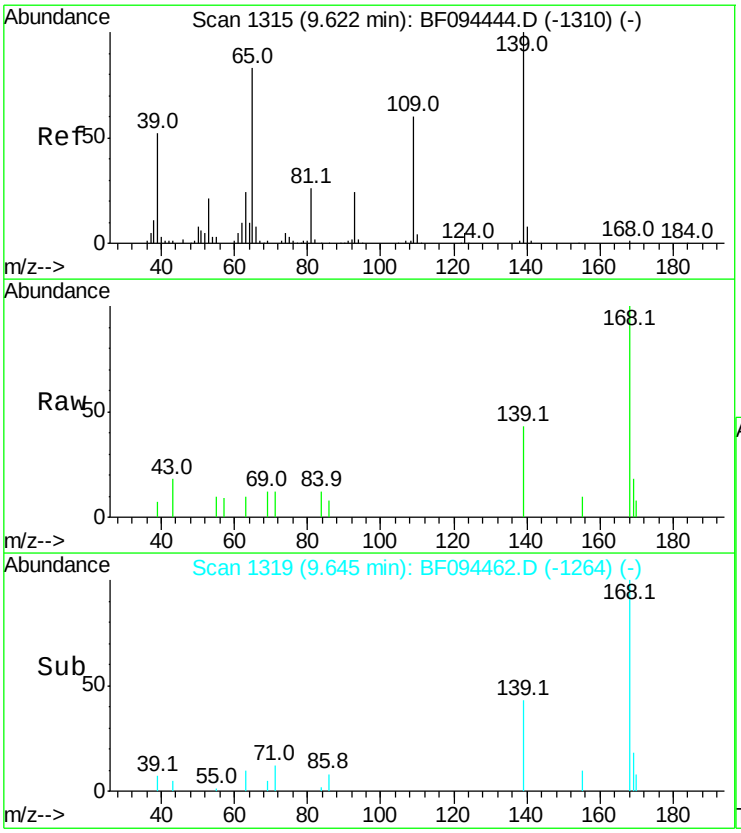
#54
Dibenzofuran
Concen: 0.17 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 4037

Ion	Ratio	Lower	Upper
168	100		
139	43.1	30.6	45.8
169	17.6	10.8	16.2#

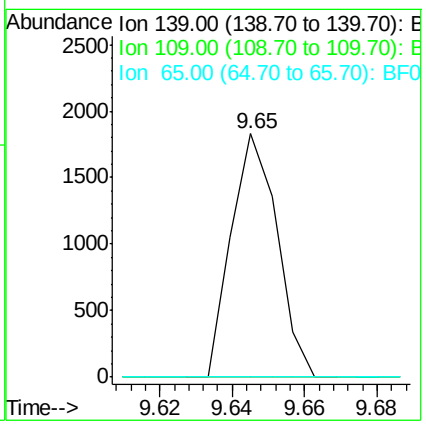


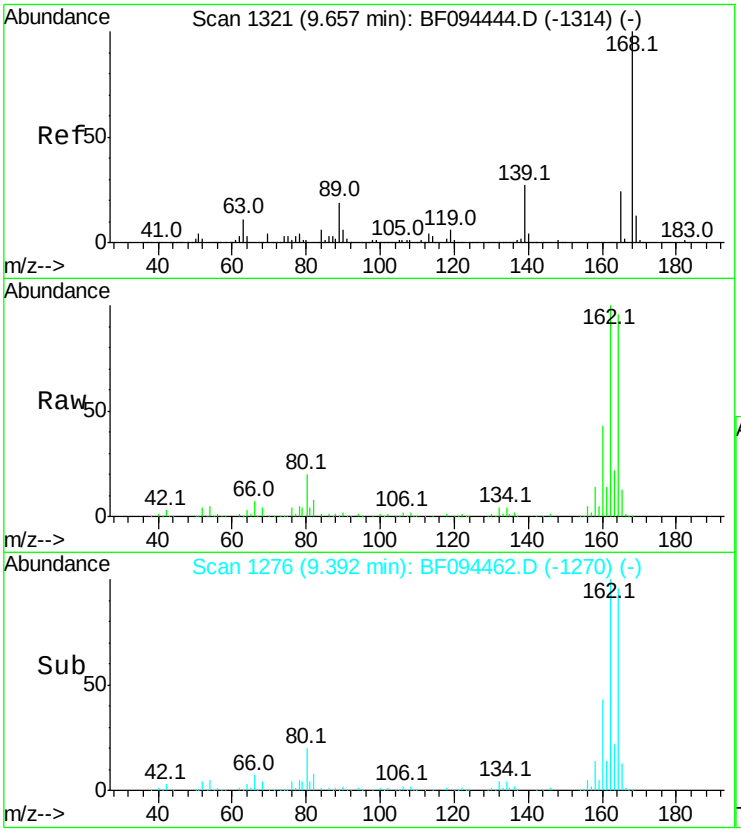


#55
4-Nitrophenol
Concen: 0.43 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:139 Resp: 1616

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



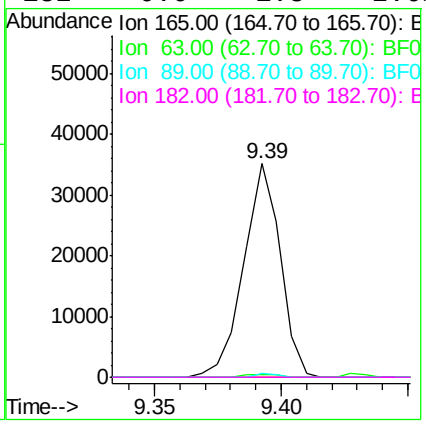


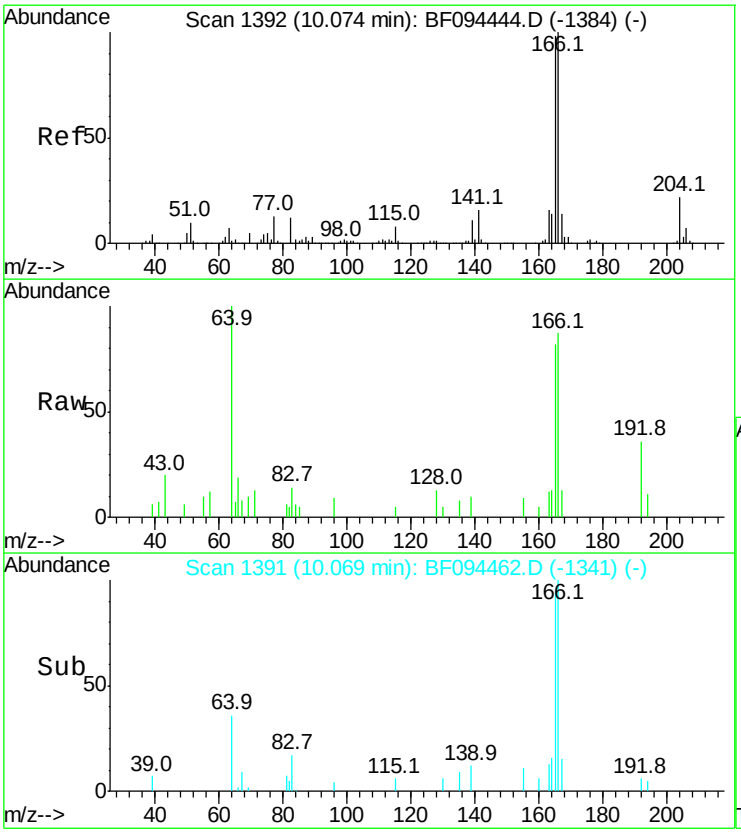
#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.26 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35160

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

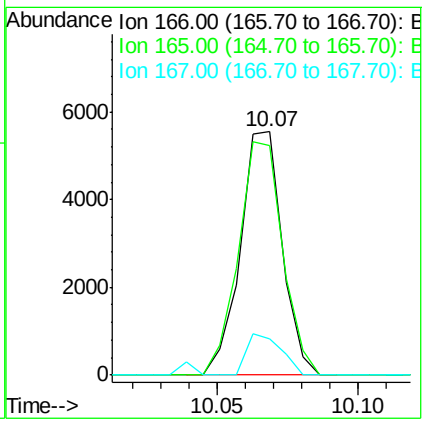


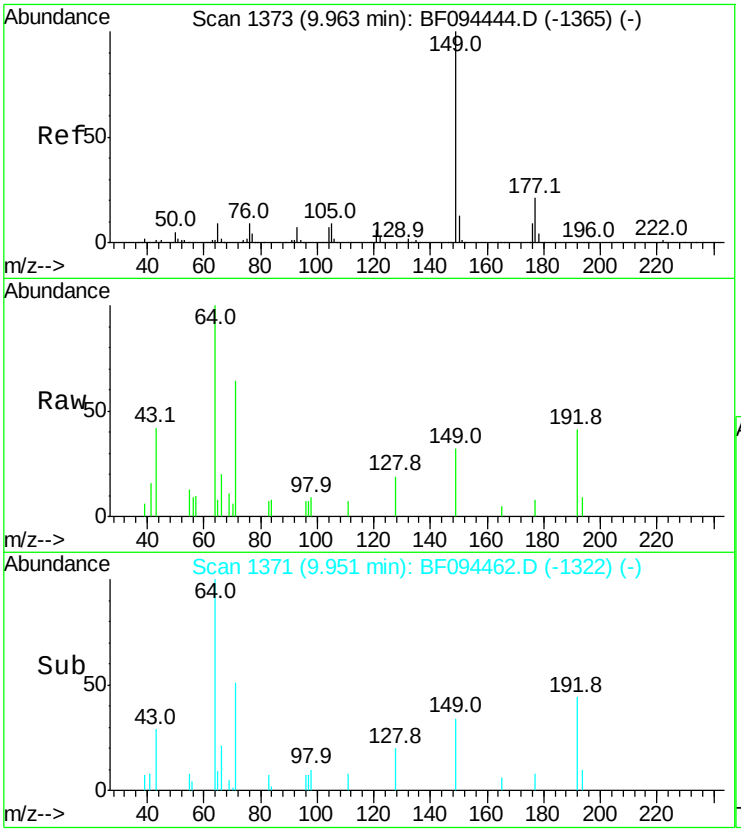


#57
Fluorene
Concen: 0.30 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:166 Resp: 5714

Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.8	118.2
167	14.7	10.6	16.0



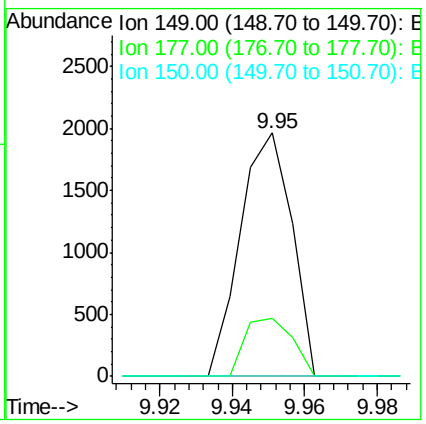


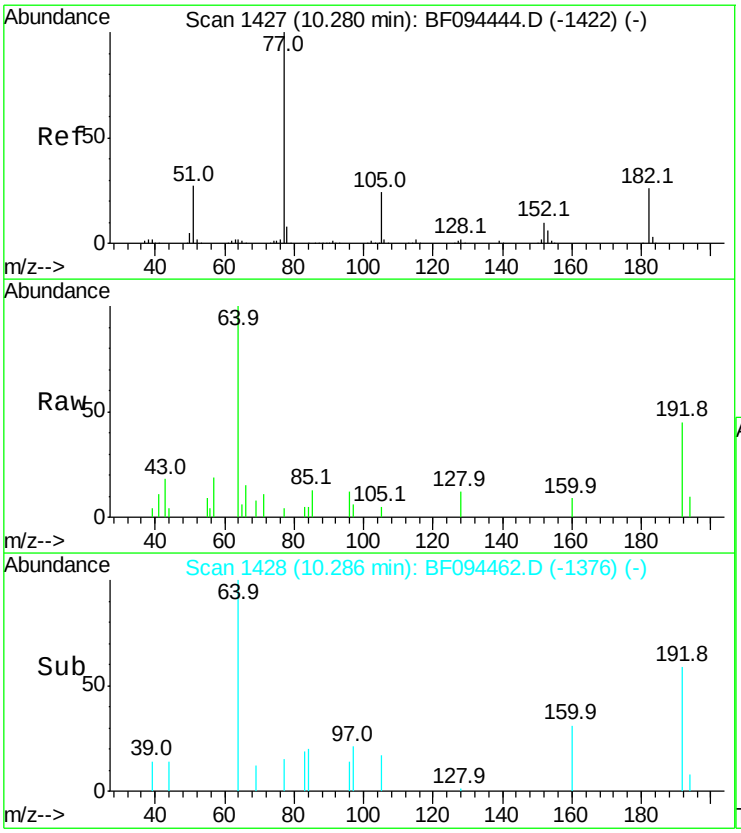
#59
Diethylphthalate
Concen: 0.10 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1954

Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.7	25.1
150	0.0	10.2	15.2#

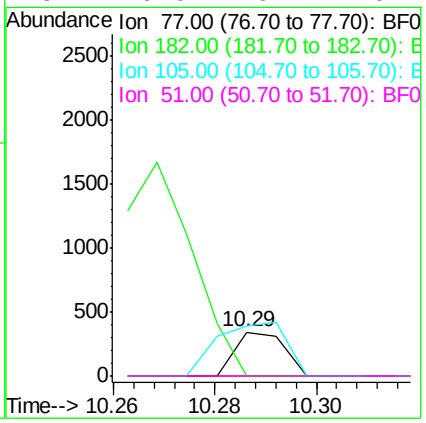


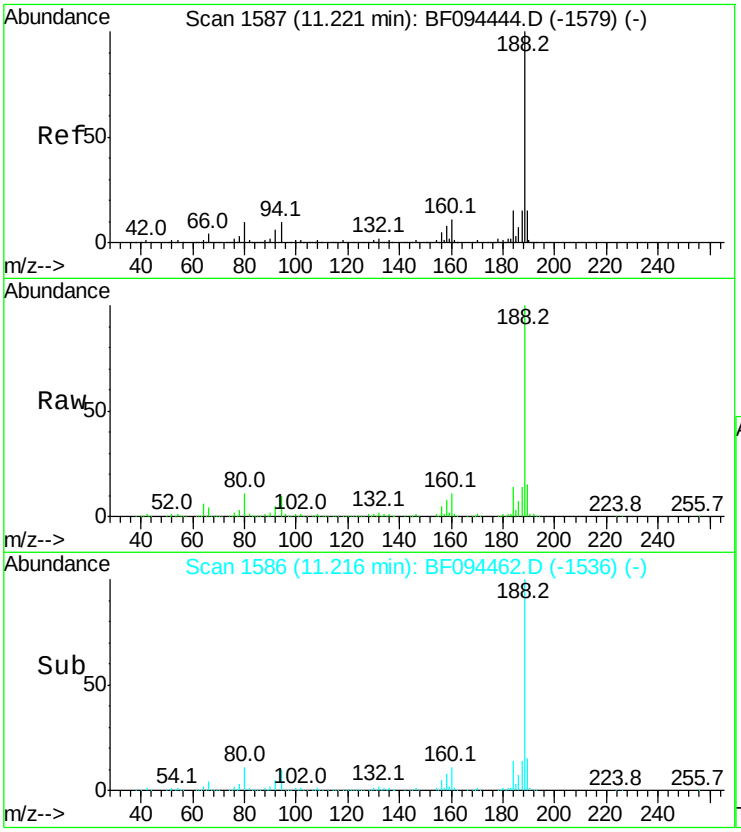


#62
Azobenzene
Concen: 0.01 ng
RT: 10.29 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion: 77 Resp: 230

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	113.1	3.6	43.6#
51	0.0	9.4	49.4#



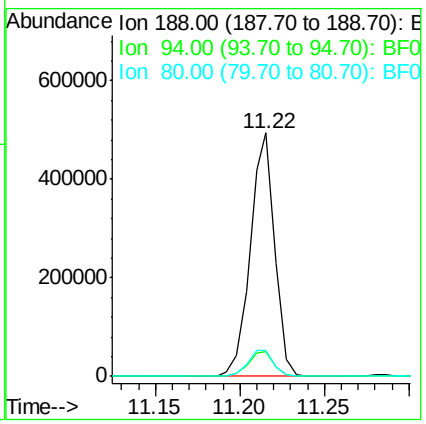


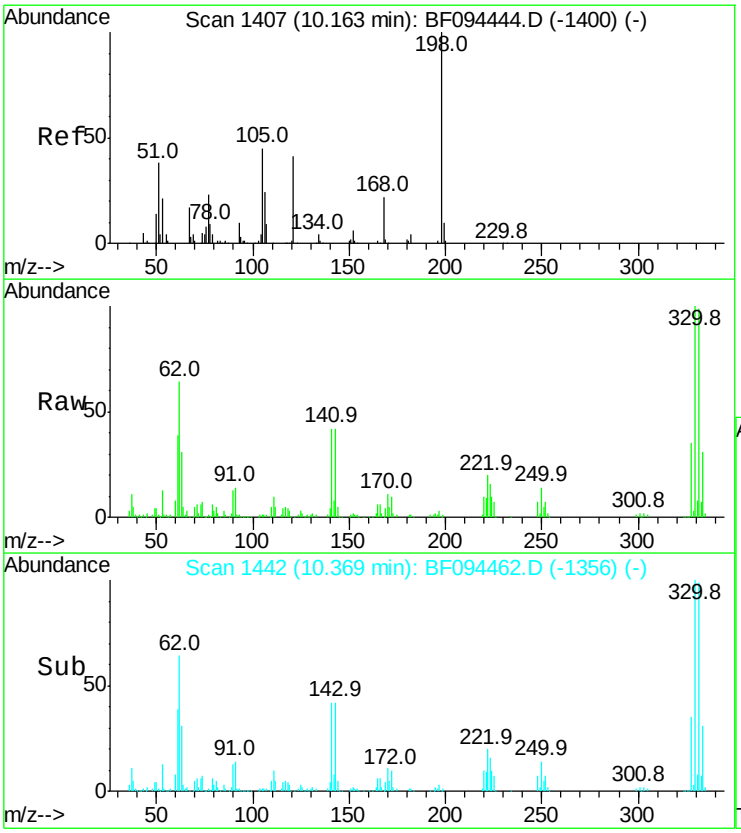
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 497697

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.7	10.2	15.2

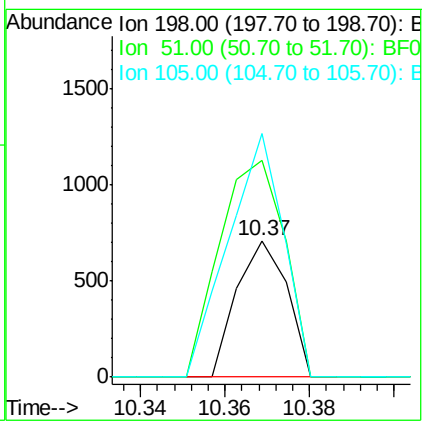


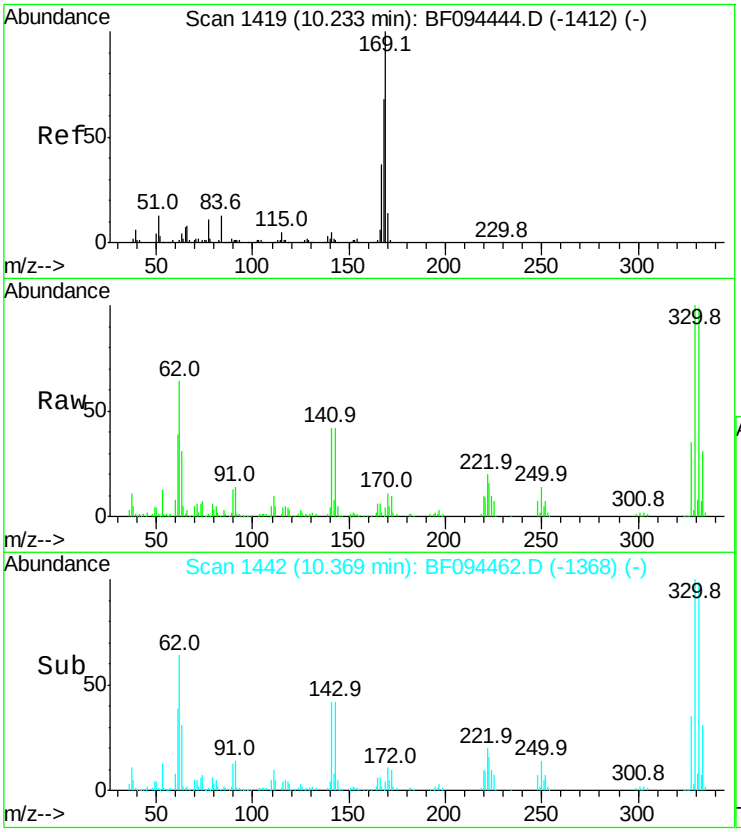


#64
4,6-Dinitro-2-methylphenol
Concen: 0.18 ng
RT: 10.37 min Scan# 1442
Delta R.T. 0.21 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:198 Resp: 589

Ion	Ratio	Lower	Upper
198	100		
51	159.1	53.2	93.2#
105	178.8	45.8	85.8#



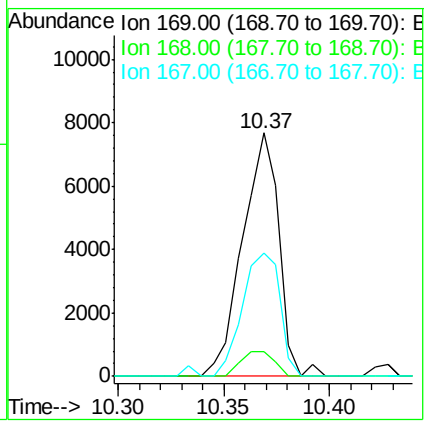


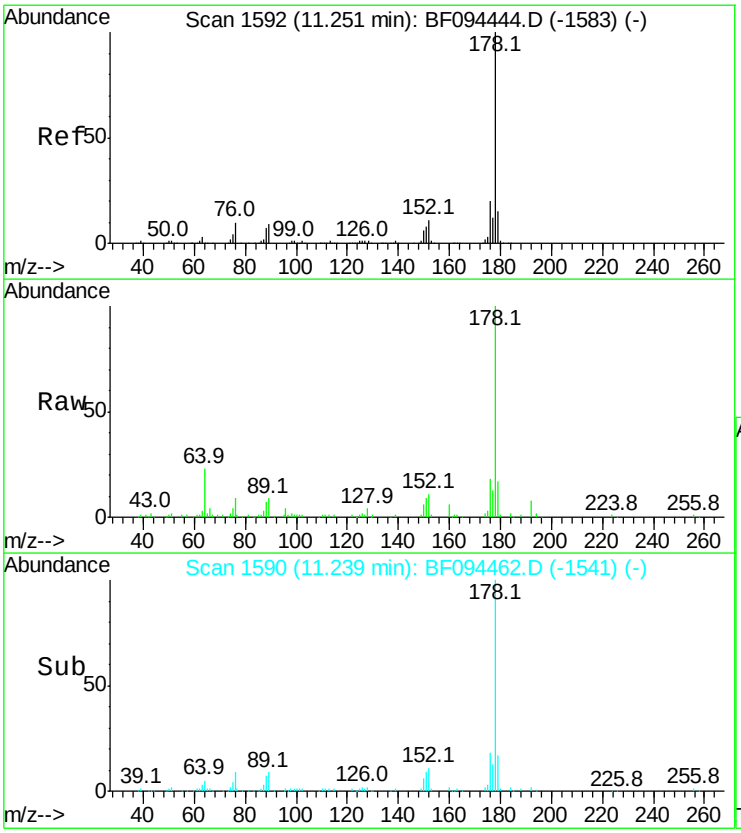
#65
n-Nitrosodiphenylamine
Concen: 0.53 ng
RT: 10.37 min Scan# 1442
Delta R.T. 0.14 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 9170

Ion	Ratio	Lower	Upper
169	100		
168	10.2	53.2	79.8#
167	50.6	29.5	44.3#

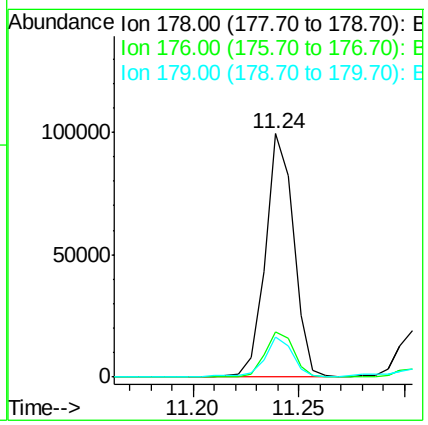


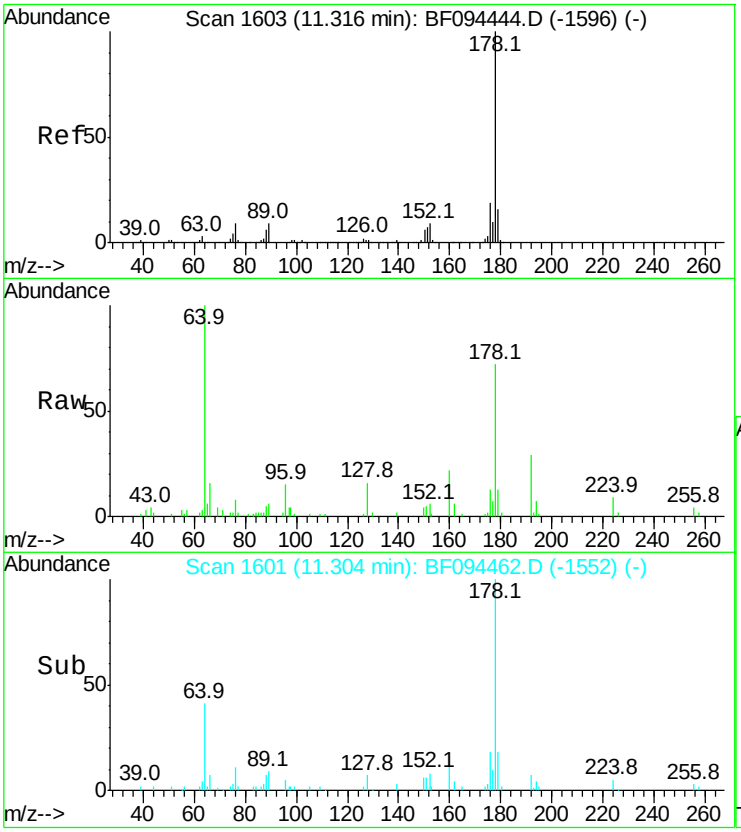


#70
Phenanthrene
Concen: 3.32 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:178 Resp: 93086

Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	16.6	12.6	19.0



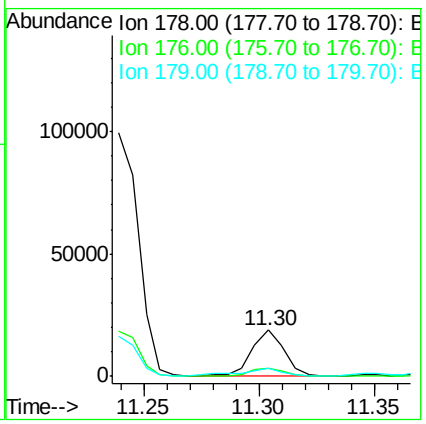


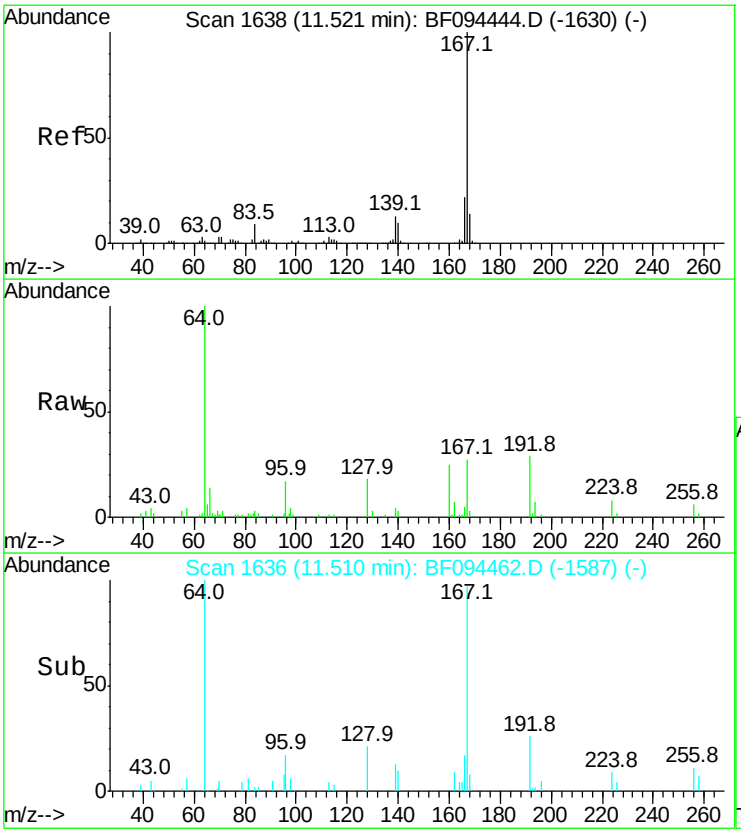
#71
Anthracene
Concen: 0.65 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 18801

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.8
179	18.4	12.7	19.1

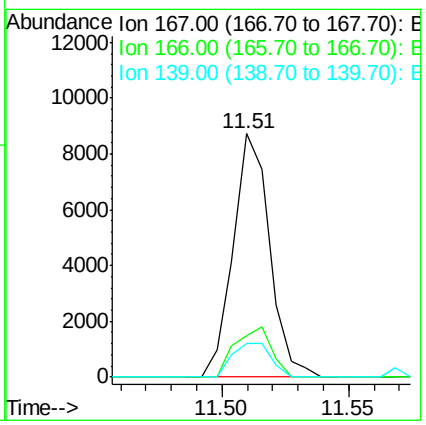


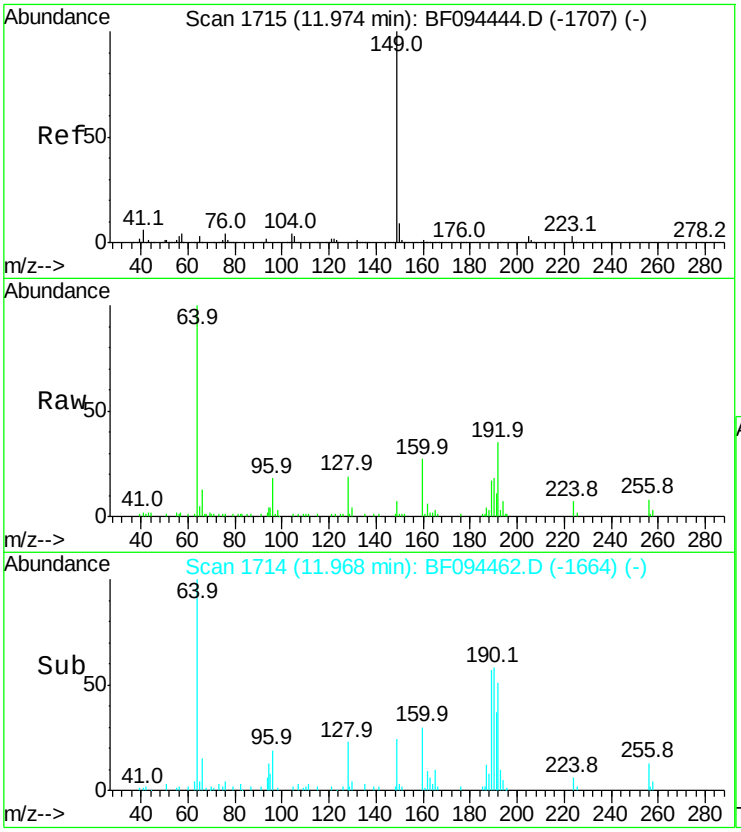


#72
Carbazole
Concen: 0.32 ng
RT: 11.51 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:167 Resp: 8723

Ion	Ratio	Lower	Upper
167	100		
166	17.1	18.1	27.1#
139	13.7	11.7	17.5



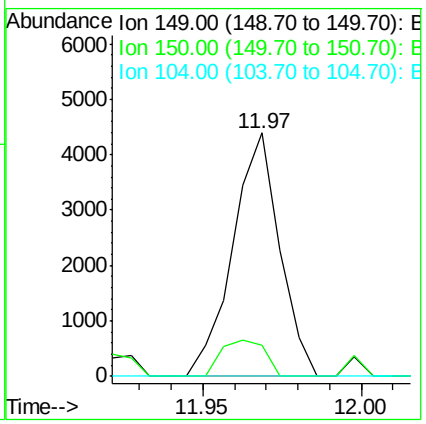


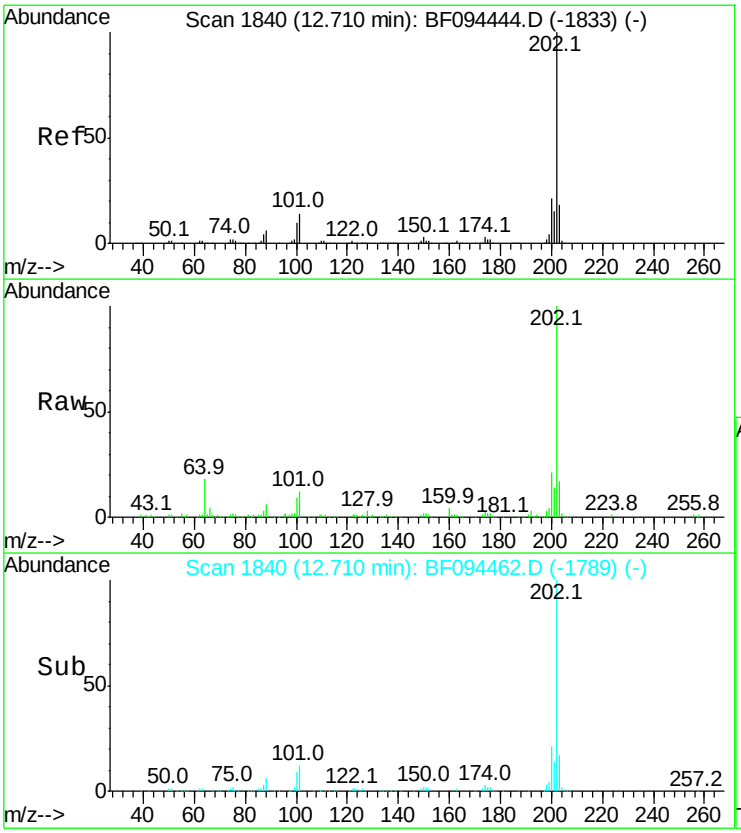
#73
Di-n-butylphthalate
Concen: 0.15 ng
RT: 11.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 4501

Ion	Ratio	Lower	Upper
149	100		
150	12.7	7.7	11.5#
104	0.0	4.0	6.0#

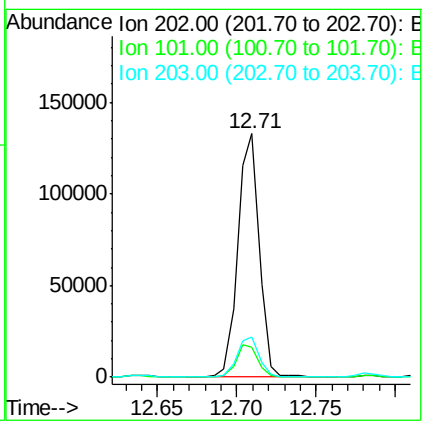


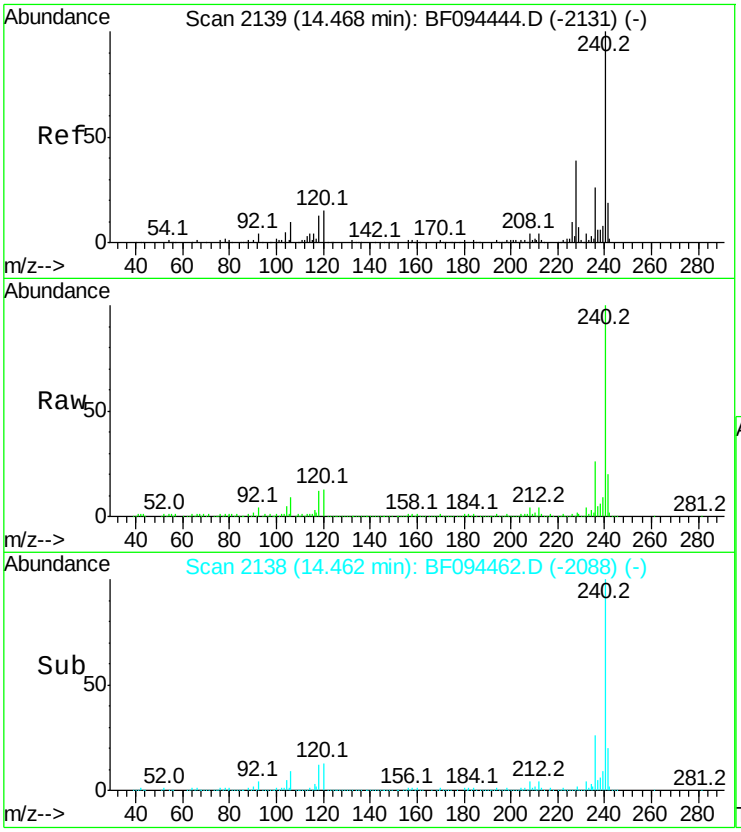


#74
Fluoranthene
Concen: 4.27 ng
RT: 12.71 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:202 Resp: 124118

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	16.6	0.0	38.1



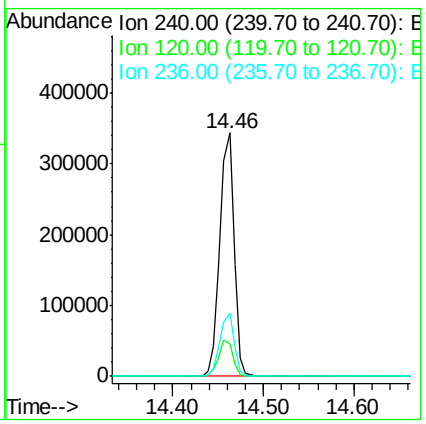


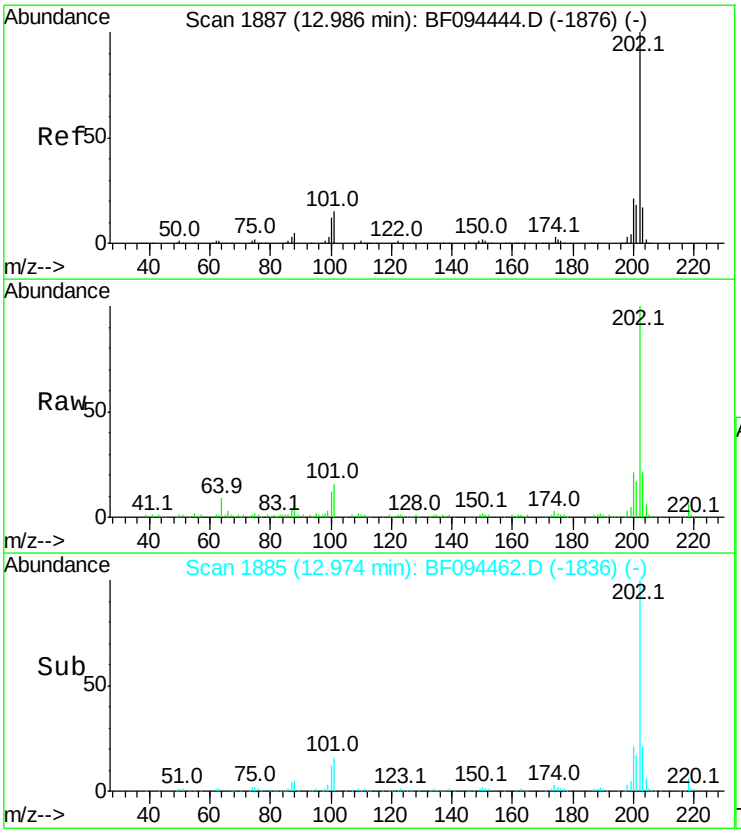
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 371357

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	26.1	20.5	30.7

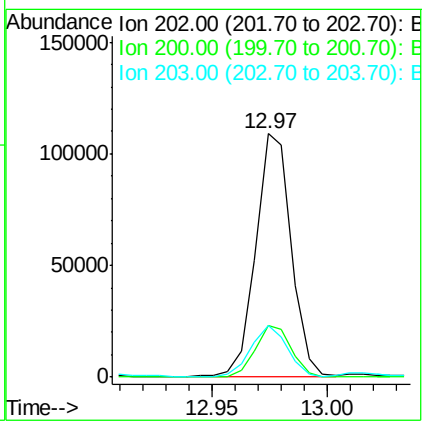


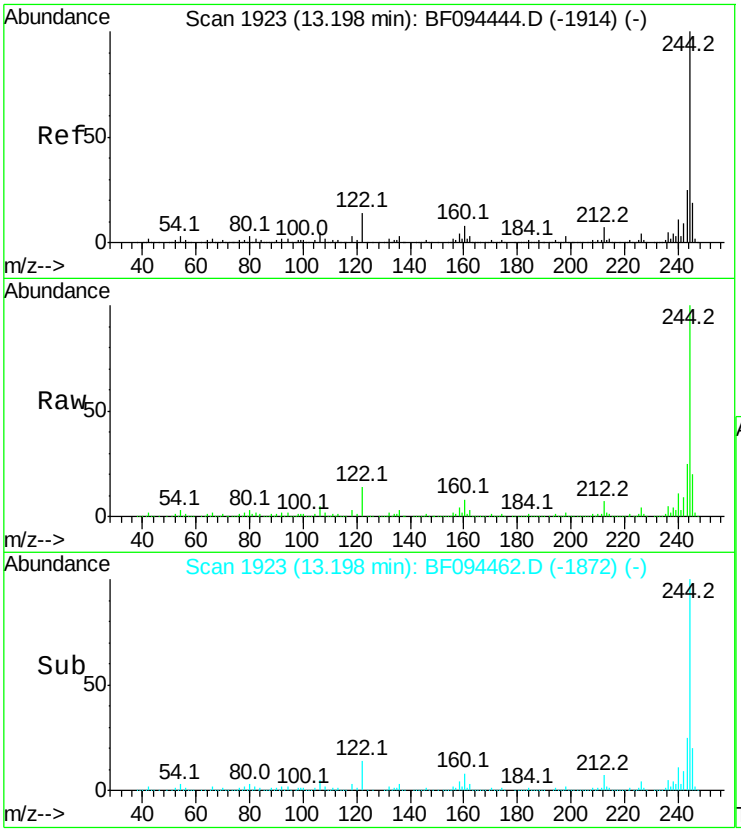


#77
Pyrene
Concen: 4.51 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:202 Resp: 117054

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	21.2	14.4	21.6



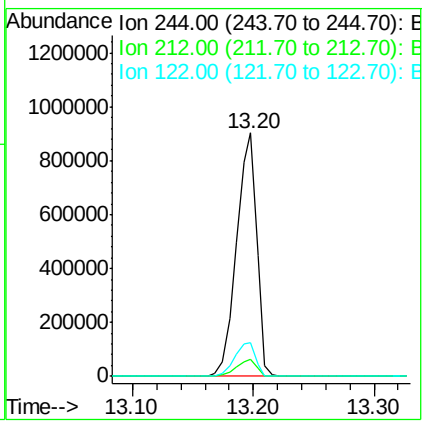


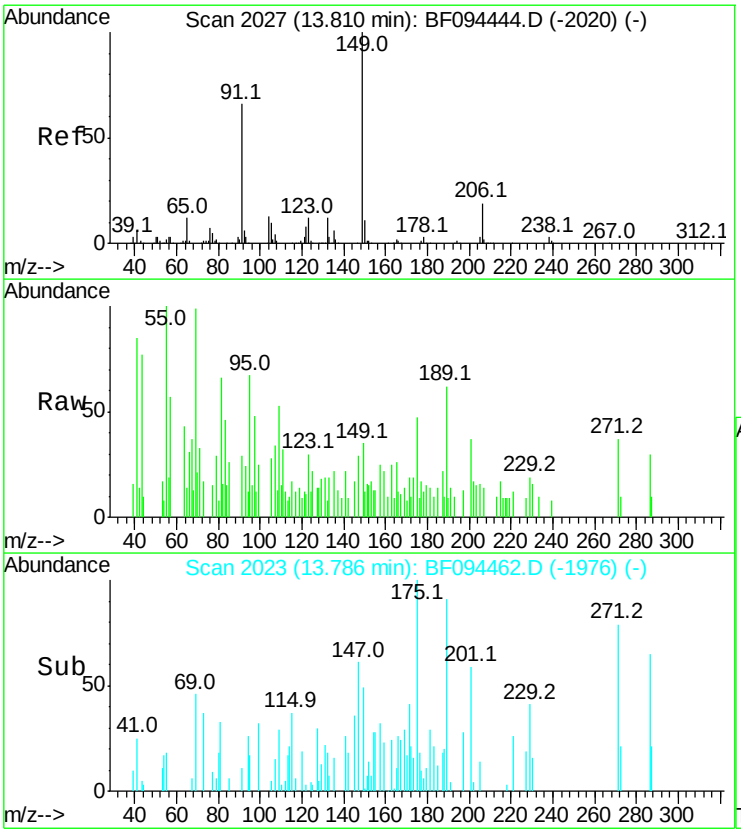
#78
Terphenyl-d14
Concen: 75.65 ng
RT: 13.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1051087

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.7	10.3	15.5

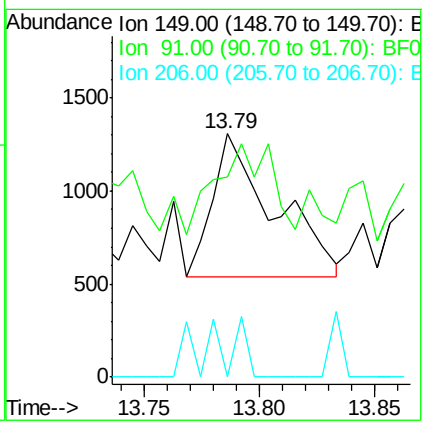


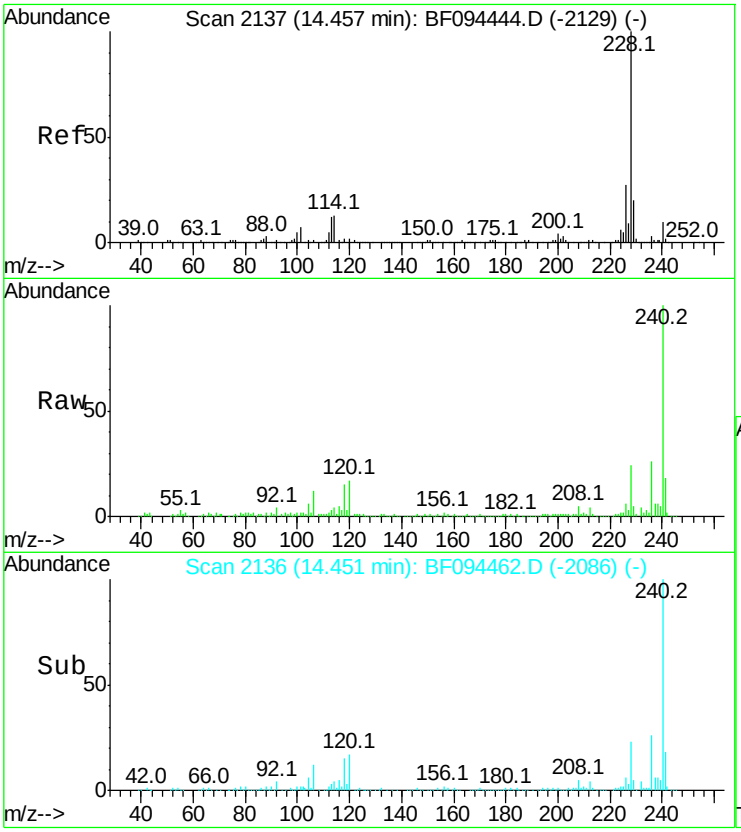


#79
Butylbenzylphthalate
Concen: 0.12 ng
RT: 13.79 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:149 Resp: 1414

Ion	Ratio	Lower	Upper
149	100		
91	82.3	45.0	67.4#
206	0.0	17.0	25.6#



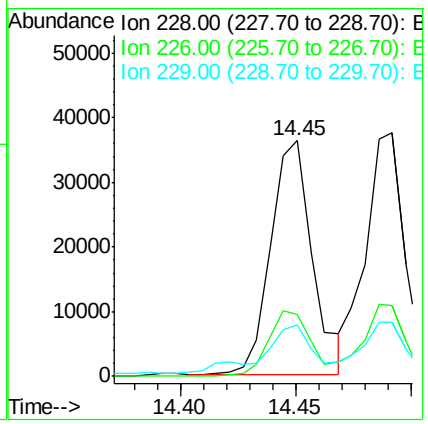


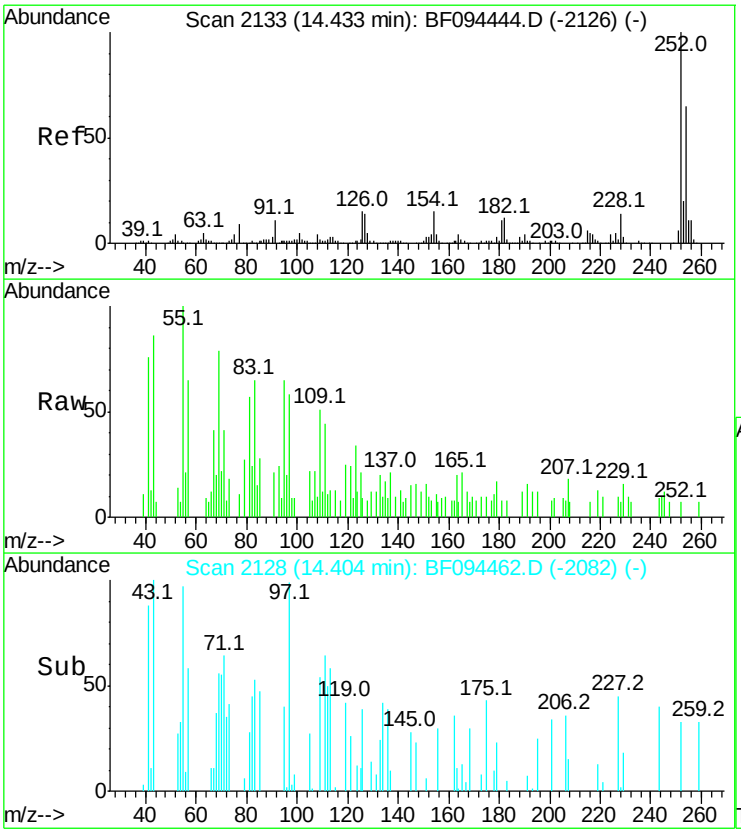
#80
Benzo(a)anthracene
Concen: 2.09 ng
RT: 14.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 45177

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	21.7	16.3	24.5

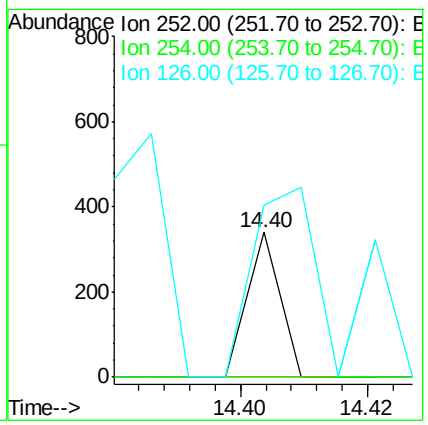


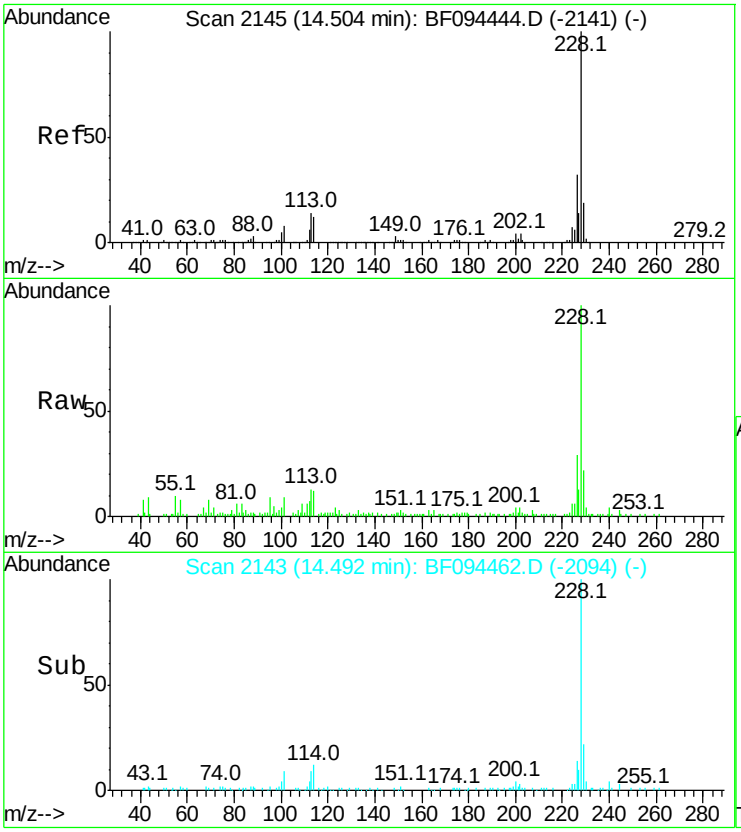


#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 14.40 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:252 Resp: 120

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.5	77.3#
126	118.5	15.8	23.8#



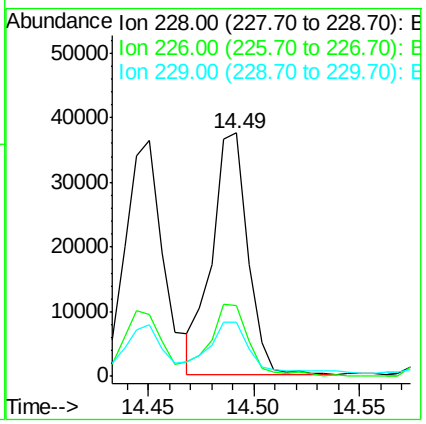


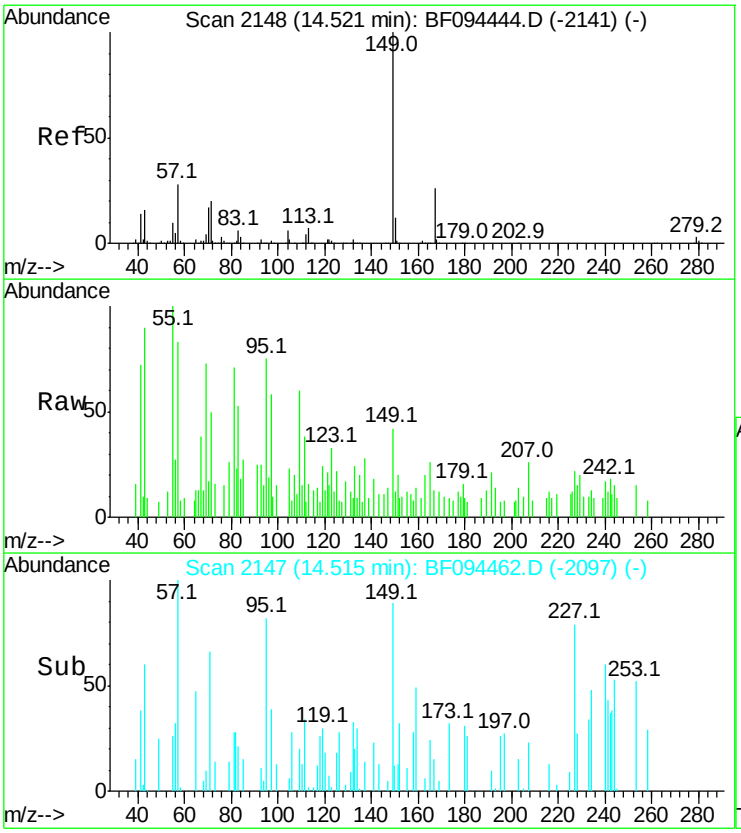
#82
Chrysene
Concen: 2.23 ng
RT: 14.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 43899

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	22.0	15.8	23.6

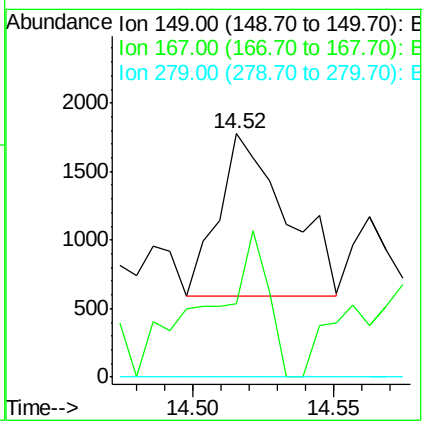


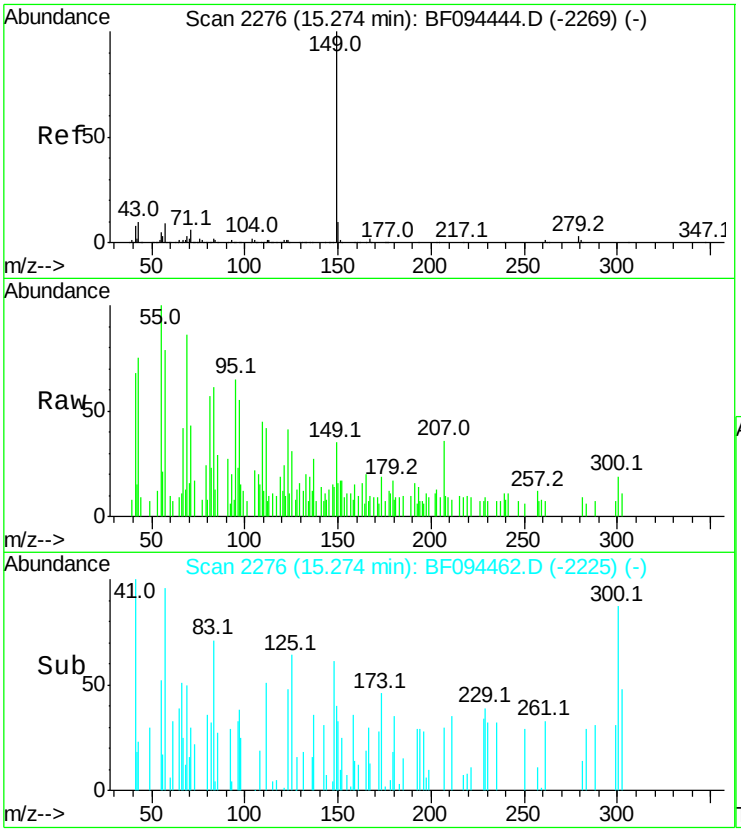


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 14.52 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:149 Resp: 1957

Ion	Ratio	Lower	Upper
149	100		
167	30.2	21.0	31.4
279	0.0	1.9	2.9#



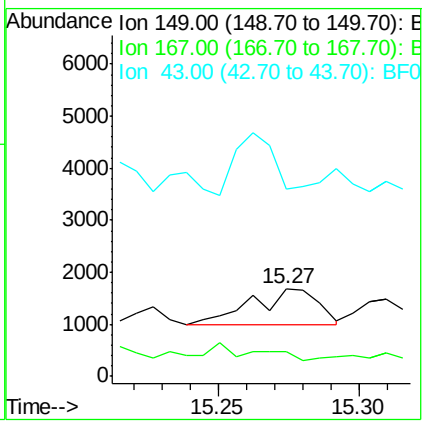


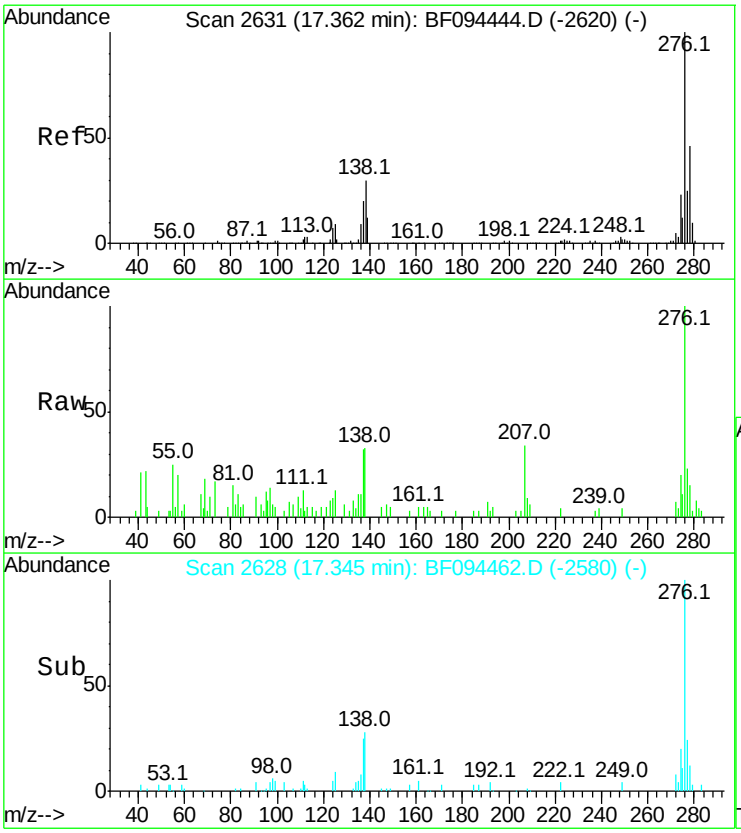
#84
Di-n-octyl phthalate
Concen: 0.04 ng
RT: 15.27 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1129

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	144.7	8.5	12.7#

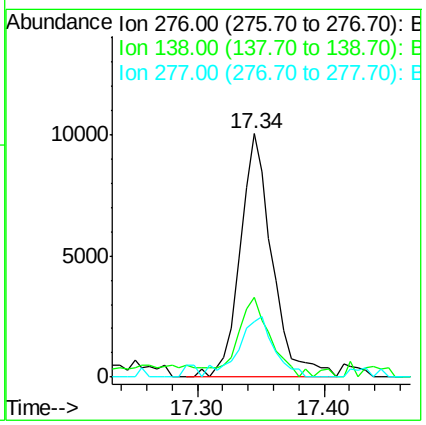


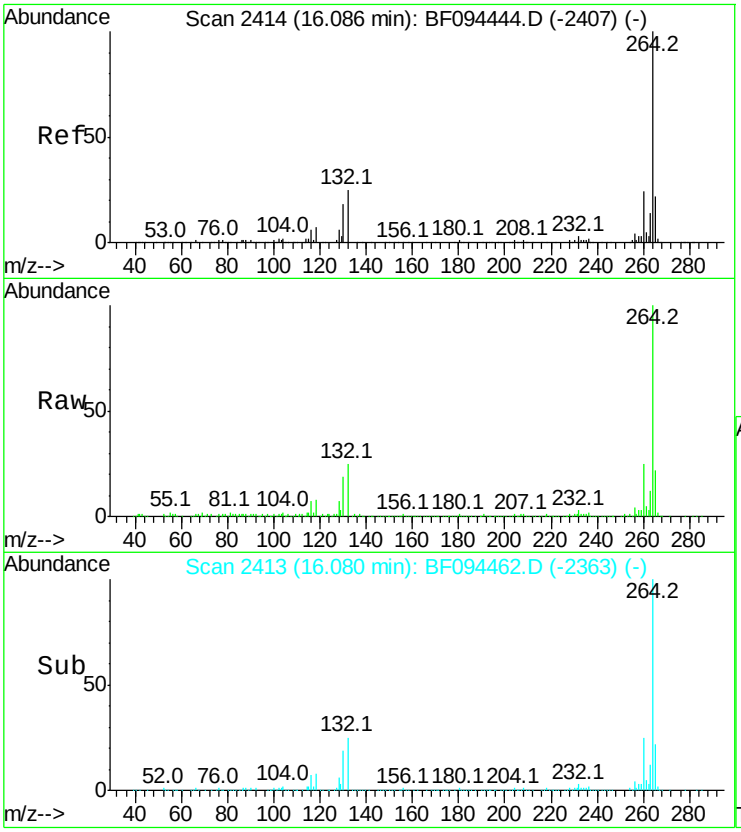


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.93 ng
RT: 17.34 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:276 Resp: 17518

Ion	Ratio	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	27.7	20.2	30.4



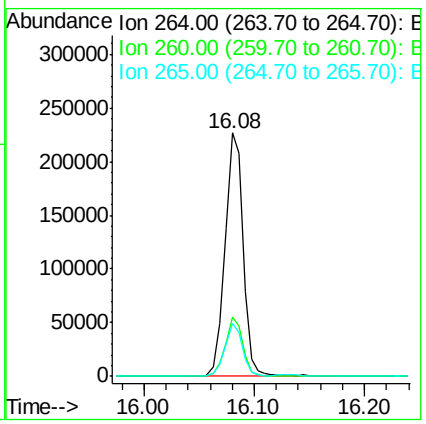


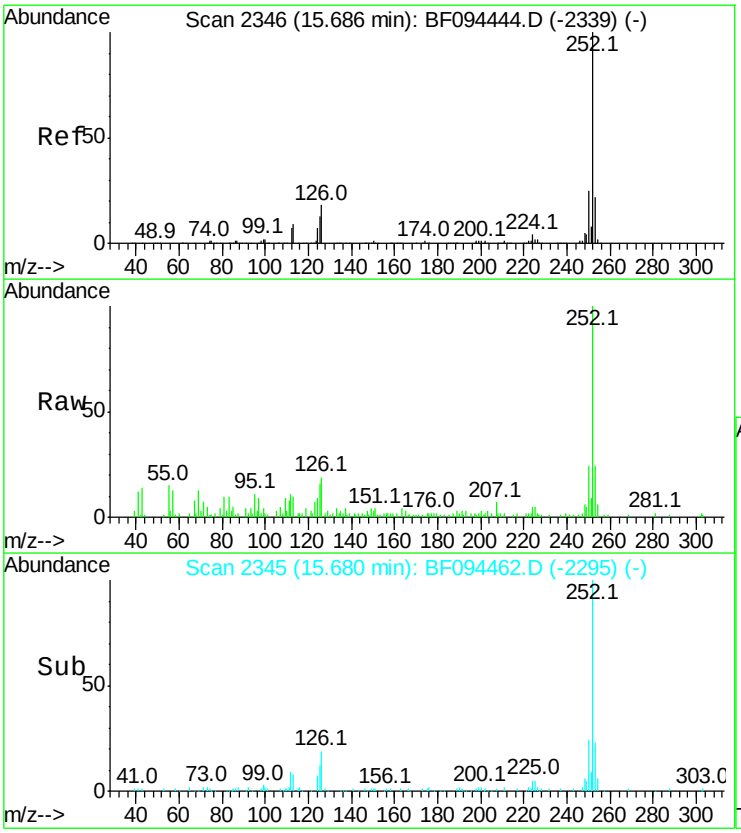
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 263053

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	21.6	17.2	25.8

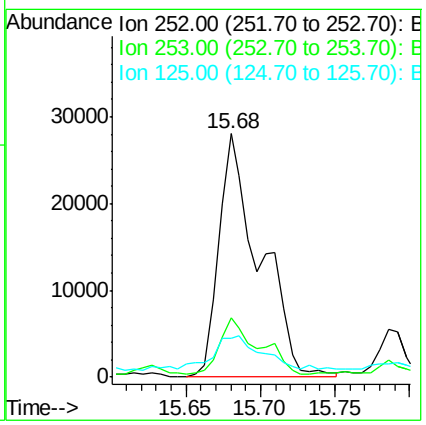


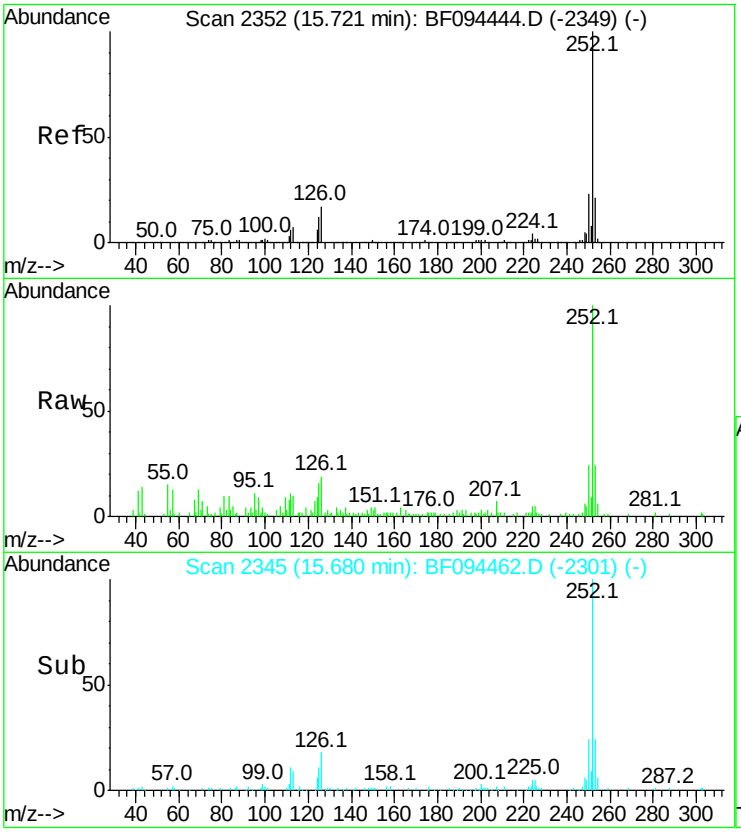


#87
Benzo(b)fluoranthene
Concen: 3.34 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:252 Resp: 53739

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.1	27.1
125	15.7	9.8	14.8#



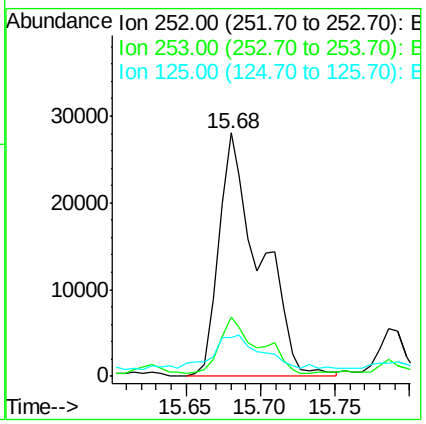


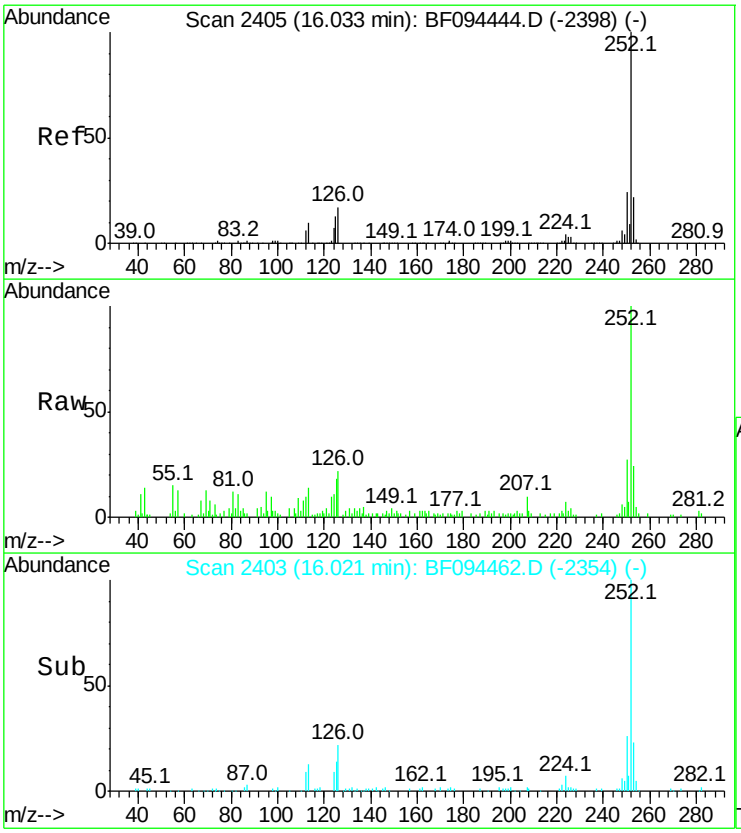
#88
Benzo(k)fluoranthene
Concen: 3.53 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.04 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 53739

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.4	27.6
125	15.7	13.1	19.7

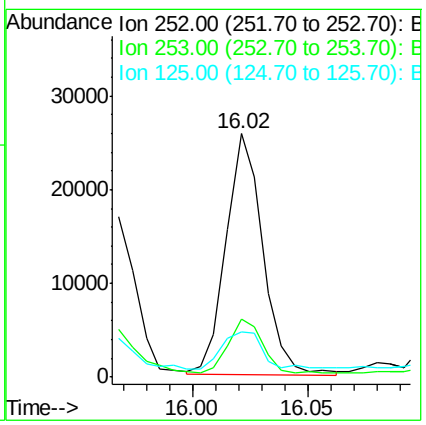


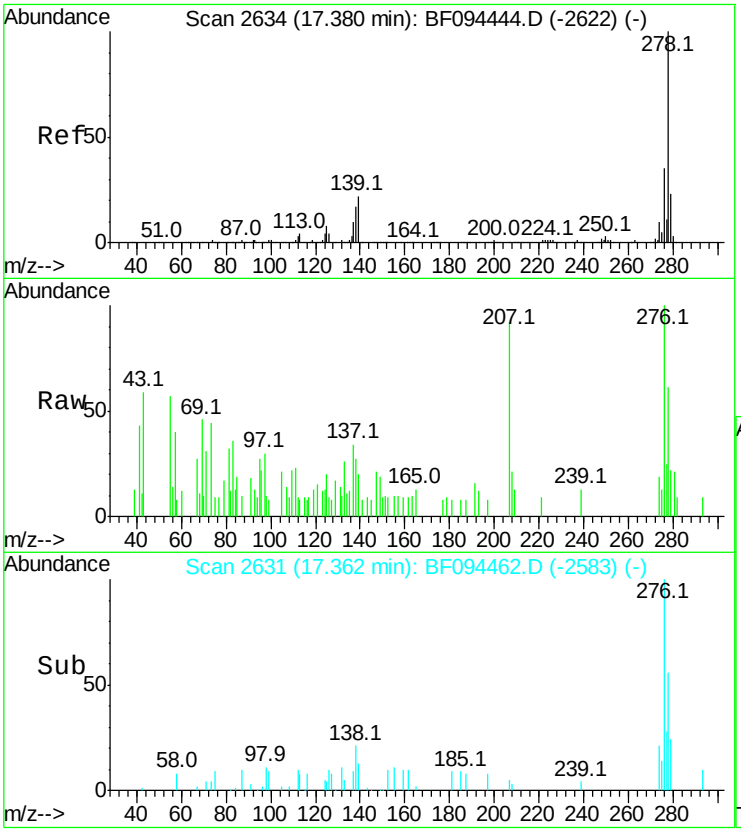


#89
Benzo(a)pyrene
Concen: 1.91 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:252 Resp: 28620

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	18.4	11.0	16.4#



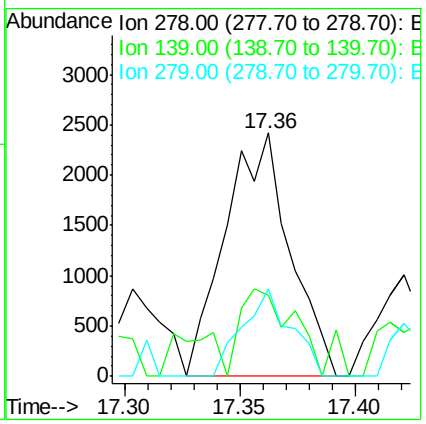


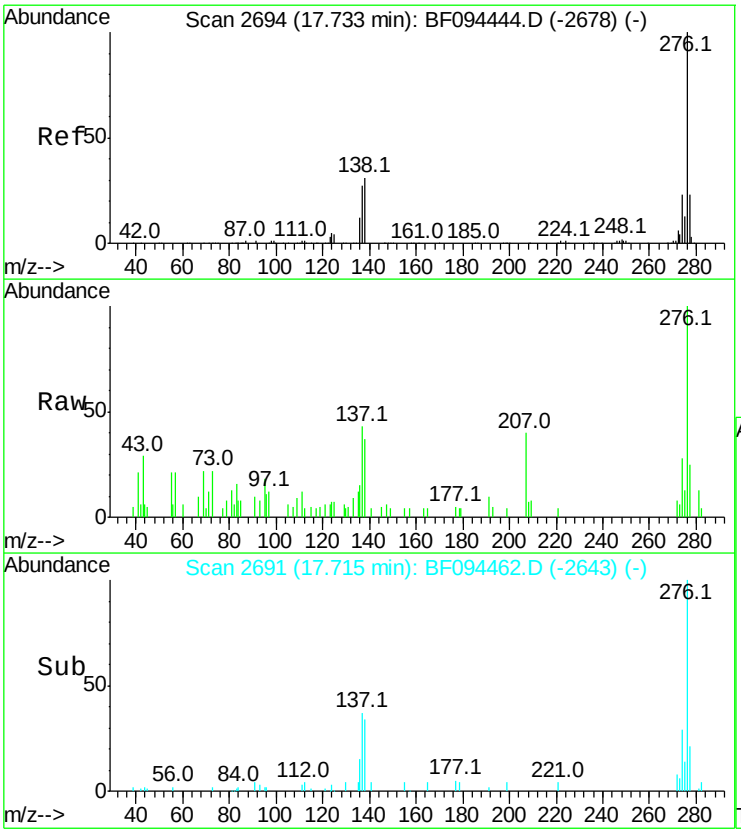
#90
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 17.36 min Scan# 2631
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 4732

Ion	Ratio	Lower	Upper
278	100		
139	33.5	16.6	24.8#
279	35.9	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 1.31 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.02 min
Lab File: BF094462.D
Acq: 17 Apr 2017 21:09

Tgt Ion:276 Resp: 16582

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.6	28.0
138	37.3	25.4	38.0