Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094468.D
Acq On : 17 Apr 2017 23:53
Operator : SJ/MA
Sample : I2708-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:03:38 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	151038	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	628001	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	275229	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	460559	20.00	ng		0.00
75) Chrysene-d12	14.46	240	360945	20.00	ng		-0.01
86) Perylene-d12	16.08	264	274366	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.29	112	90663	9.96	ng		-0.01
7) Phenol-d6	5.37	99	122014	11.37	ng		-0.02
23) Nitrobenzene-d5	6.40	82	69771	6.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.36	330	19241	8.94	ng		-0.01
44) 2-Fluorobiphenyl	8.58	172	130967	7.00	ng		0.00
78) Terphenyl-d14	13.19	244	106711	7.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	154	0.03	ng	#	21
4) n-Nitrosodimethylamine	2.32	42	108	0.02	ng	#	1
9) Benzaldehyde	5.26	77	129	0.02	ng	#	1
10) Phenol	5.39	94	3171	0.24	ng		97
15) Benzyl Alcohol	5.93	79	1559	0.20	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	6.32	45	20497	1.62	ng	#	1
17) 2-Methylphenol	6.08	107	2967	0.36	ng	#	82
18) Hexachloroethane	6.33	117	222	0.06	ng	#	1
19) n-Nitroso-di-n-propylamine	6.24	70	1253	0.18	ng	#	74
20) 3+4-Methylphenols	6.27	107	8057	0.73	ng	#	58
22) Acetophenone	6.22	105	3741	0.24	ng	#	46
24) Nitrobenzene	6.39	77	2708	0.25	ng	#	59
25) Isophorone	6.69	82	3705	0.20	ng	#	1
26) 2-Nitrophenol	6.83	139	108	0.02	ng	#	1
27) 2,4-Dimethylphenol	6.90	122	9150	0.98	ng	#	89
28) bis(2-Chloroethoxy)methane	6.99	93	136	0.01	ng	#	1
29) 2,4-Dichlorophenol	7.19	162	109	0.01	ng	#	26
31) Naphthalene	7.28	128	18169	0.60	ng	#	91
32) Benzoic acid	7.05	122	15425	3.12	ng	#	21
33) 4-Chloroaniline	7.36	127	1210	0.10	ng	#	44
35) Caprolactam	7.82	113	6581	2.41	ng	#	20
36) 4-Chloro-3-methylphenol	7.97	107	334	0.04	ng	#	14
37) 2-Methylnaphthalene	8.13	142	56205	2.72	ng		98
42) 2,4,6-Trichlorophenol	8.55	196	143	0.03	ng	#	13
43) 2,4,5-Trichlorophenol	8.55	196	143	0.03	ng	#	1
45) 1,1'-Biphenyl	8.70	154	12135	0.54	ng		95
46) 2-Chloronaphthalene	8.70	162	543	0.03	ng	#	1
47) 2-Nitroaniline	8.86	65	503	0.10	ng	#	1
48) Acenaphthylene	9.22	152	10151	0.36	ng	#	53
49) Dimethylphthalate	9.08	163	48103	2.35	ng		98
50) 2,6-Dinitrotoluene	9.04	165	1279	0.28	ng	#	69
51) Acenaphthene	9.43	154	6327	0.38	ng	#	91
52) 3-Nitroaniline	9.38	138	797	0.15	ng	#	17
53) 2,4-Dinitrophenol	9.67	184	155	5.82	ng	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094468.D
Acq On : 17 Apr 2017 23:53
Operator : SJ/MA
Sample : I2708-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:03:38 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)
54) Dibenzofuran	9.65	168	14098	0.58	ng	#	83
55) 4-Nitrophenol	9.59	139	1649	0.44	ng	#	36
56) 2,4-Dinitrotoluene	9.66	165	5208	0.92	ng	#	64
57) Fluorene	10.07	166	12360	0.65	ng	#	86
59) Diethylphthalate	9.94	149	972	0.05	ng	#	1
60) 4-Chlorophenyl-phenylether	10.03	204	244	0.03	ng	#	1
61) 4-Nitroaniline	10.18	138	479	0.09	ng		81
62) Azobenzene	10.27	77	2604	0.14	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.21	198	145	0.05	ng	#	1
65) n-Nitrosodiphenylamine	10.13	169	12571	0.78	ng		94
68) Atrazine	10.76	200	112	0.02	ng	#	1
70) Phenanthrene	11.24	178	64646	2.49	ng		99
71) Anthracene	11.24	178	64646	2.41	ng		99
72) Carbazole	11.51	167	4201	0.17	ng	#	43
73) Di-n-butylphthalate	11.96	149	1847	0.07	ng	#	1
74) Fluoranthene	12.70	202	42751	1.59	ng		98
76) Benzidine	12.85	184	563	0.04	ng	#	1
77) Pyrene	12.97	202	41536	1.65	ng		96
79) Butylbenzylphthalate	13.78	149	981	0.09	ng	#	1
80) Benzo(a)anthracene	14.44	228	15688	0.75	ng		95
82) Chrysene	14.49	228	17733	0.92	ng		95
83) Bis(2-ethylhexyl)phthalate	14.52	149	1713	0.12	ng	#	76
84) Di-n-octyl phthalate	15.25	149	510	0.02	ng	#	75
85) Indeno(1,2,3-cd)pyrene	17.34	276	7985	0.44	ng		94
87) Benzo(b)fluoranthene	15.68	252	24373	1.45	ng	#	94
88) Benzo(k)fluoranthene	15.68	252	24373	1.53	ng		99
89) Benzo(a)pyrene	16.02	252	11796	0.76	ng	#	94
90) Dibenzo(a,h)anthracene	17.36	278	2237	0.17	ng	#	39
91) Benzo(g,h,i)perylene	17.72	276	7458	0.56	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 17 Apr 2017 23:53
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Misc :
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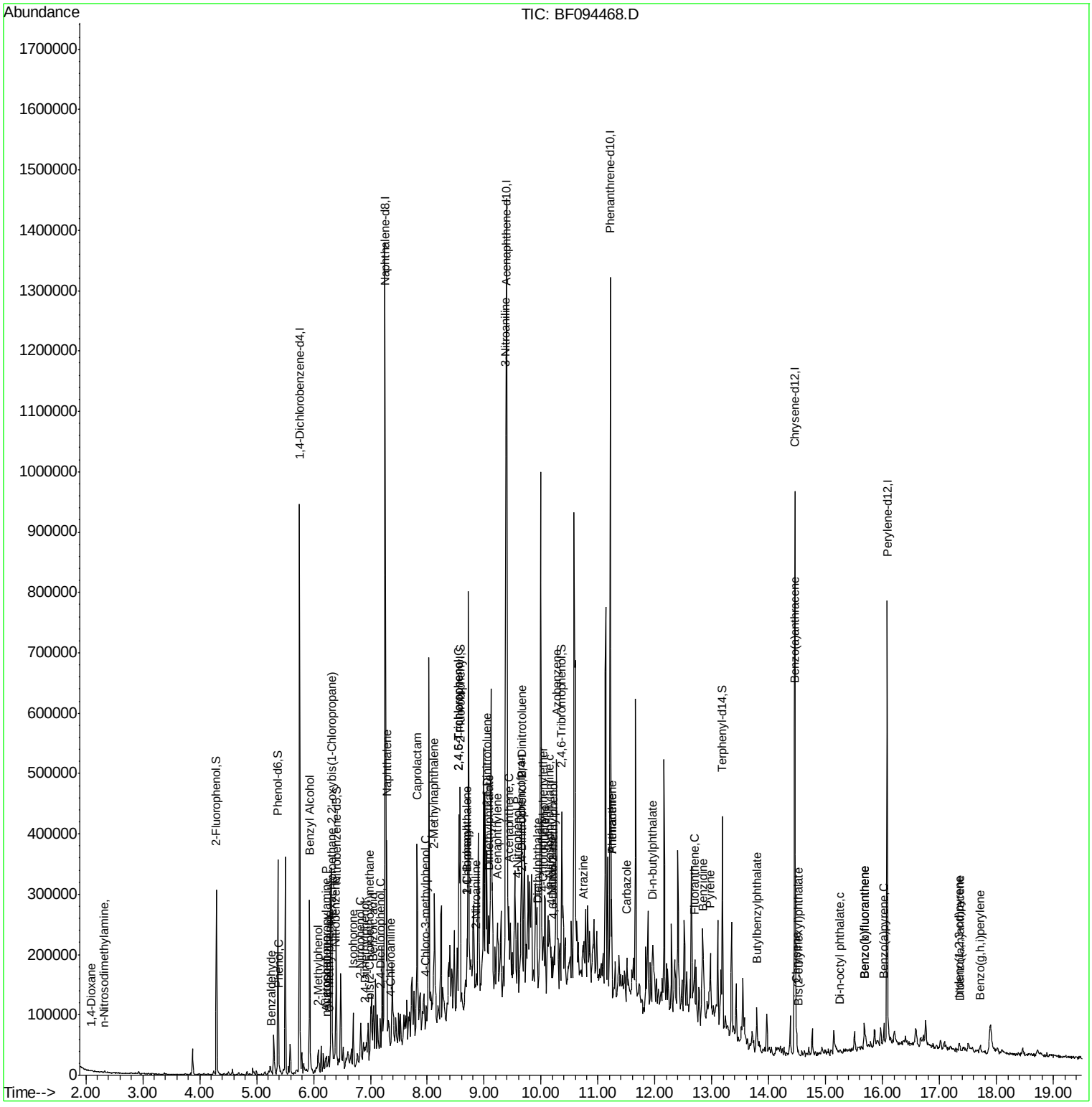
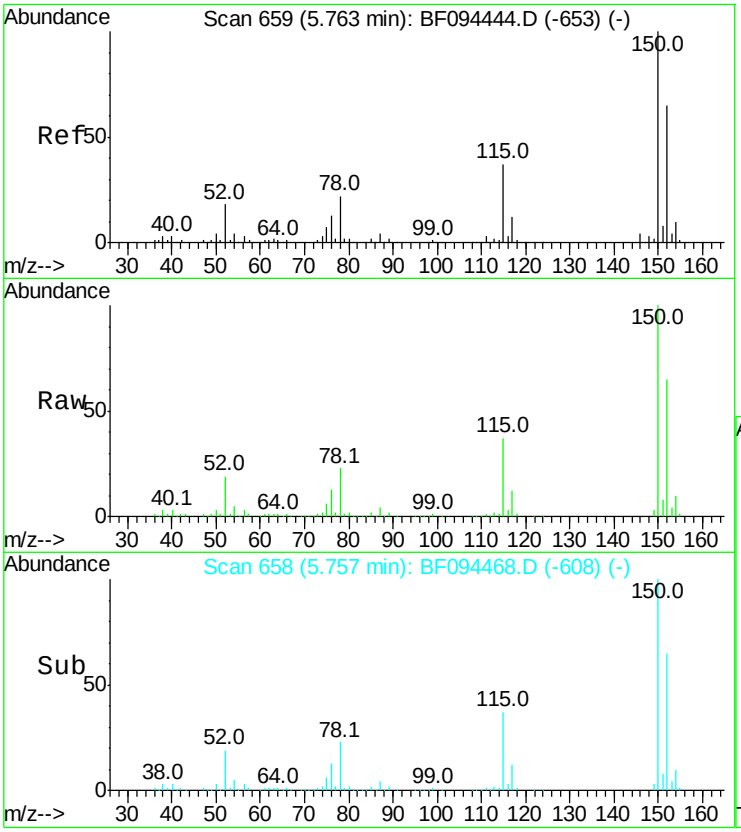
Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 18 01:03:38 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



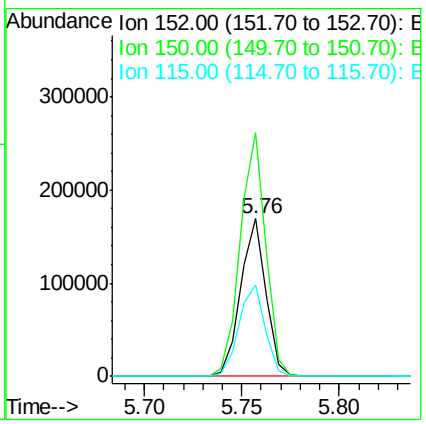


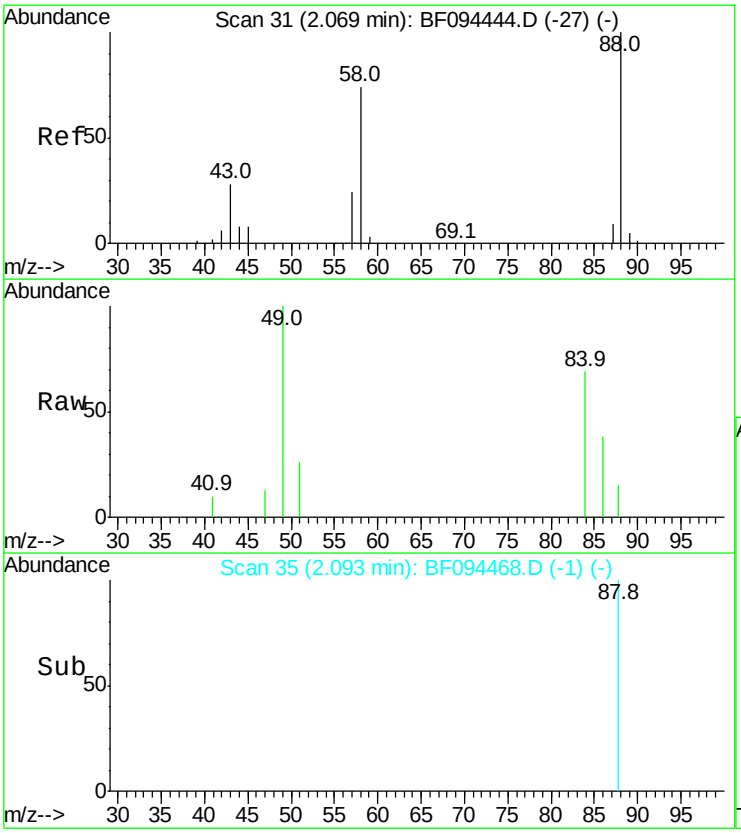
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 151038

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	57.8	52.2	78.2

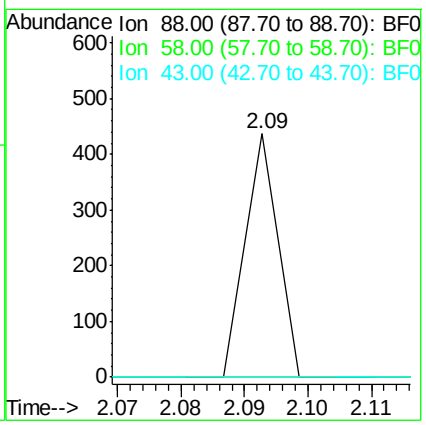


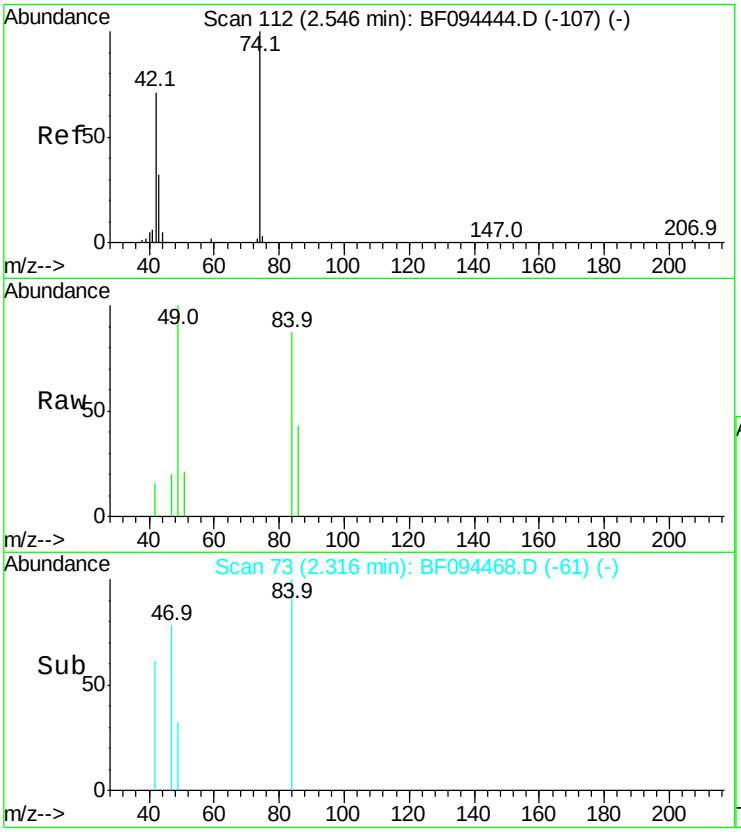


#2
1,4-Dioxane
Concen: 0.03 ng
RT: 2.09 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 88 Resp: 154

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

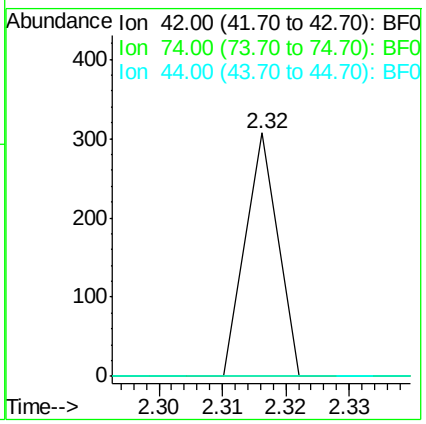




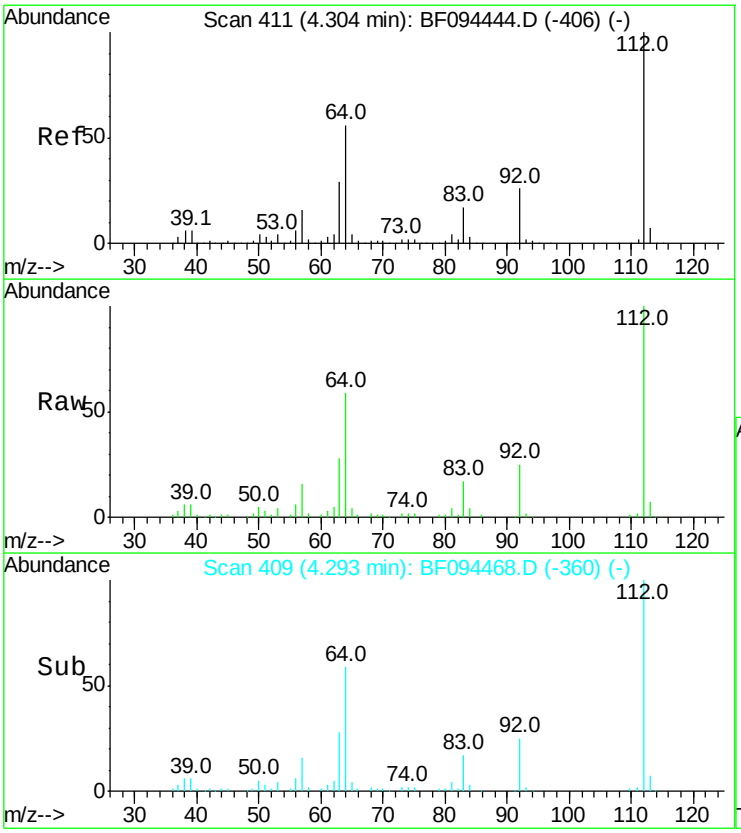
#4
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 2.32 min Scan# 73
Delta R.T. -0.23 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 42 Resp: 108

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



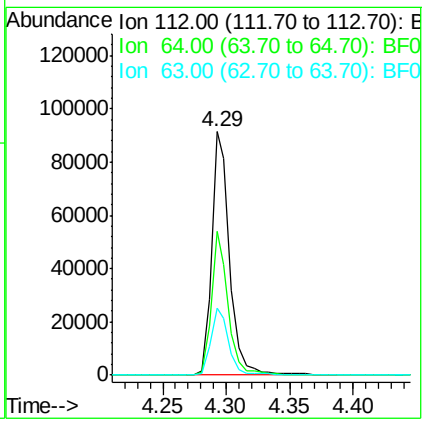
Instrument :
BNA_F
ClientSampleId :

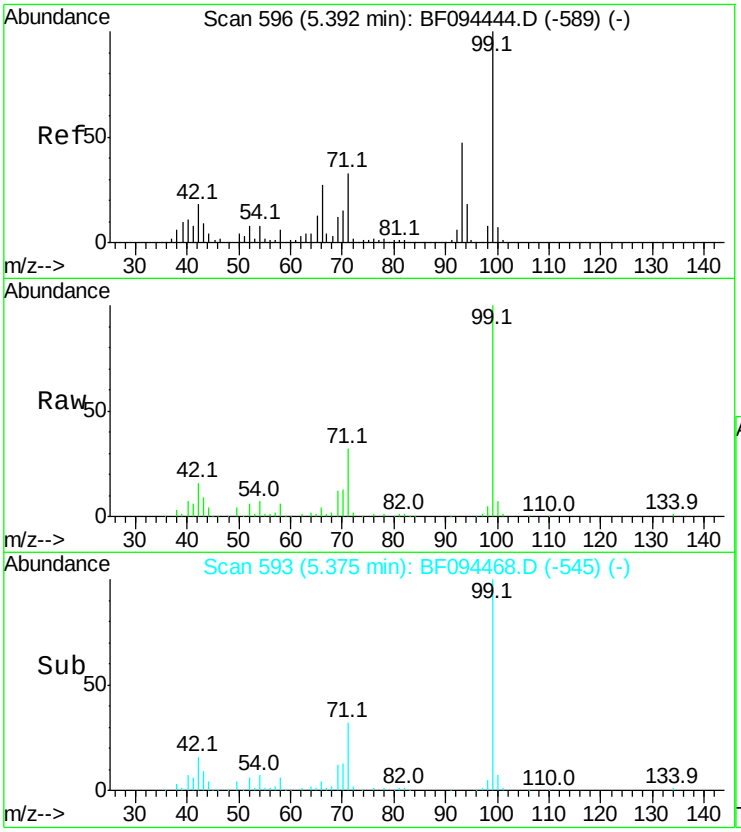


#5
2-Fluorophenol
Concen: 9.96 ng
RT: 4.29 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:112 Resp: 90663

Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.0	69.0
63	27.6	23.4	35.0



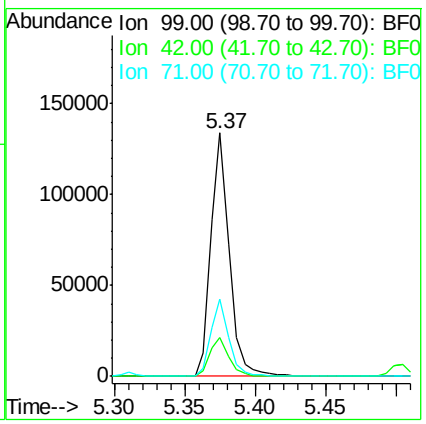


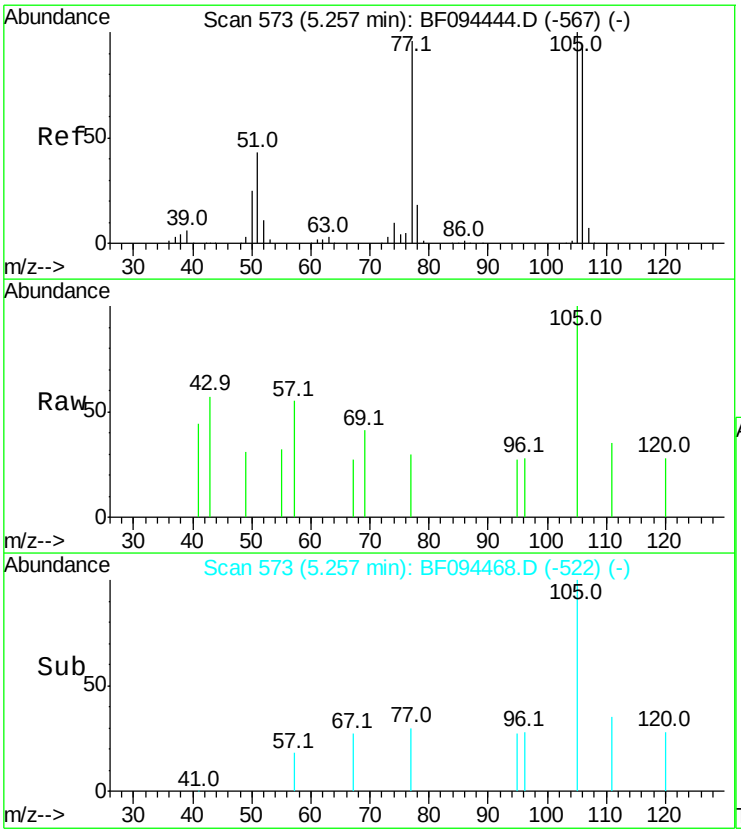
#7
Phenol-d6
Concen: 11.37 ng
RT: 5.37 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 122014

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	31.5	24.5	36.7

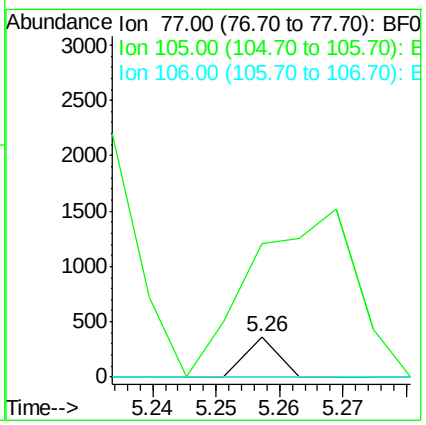


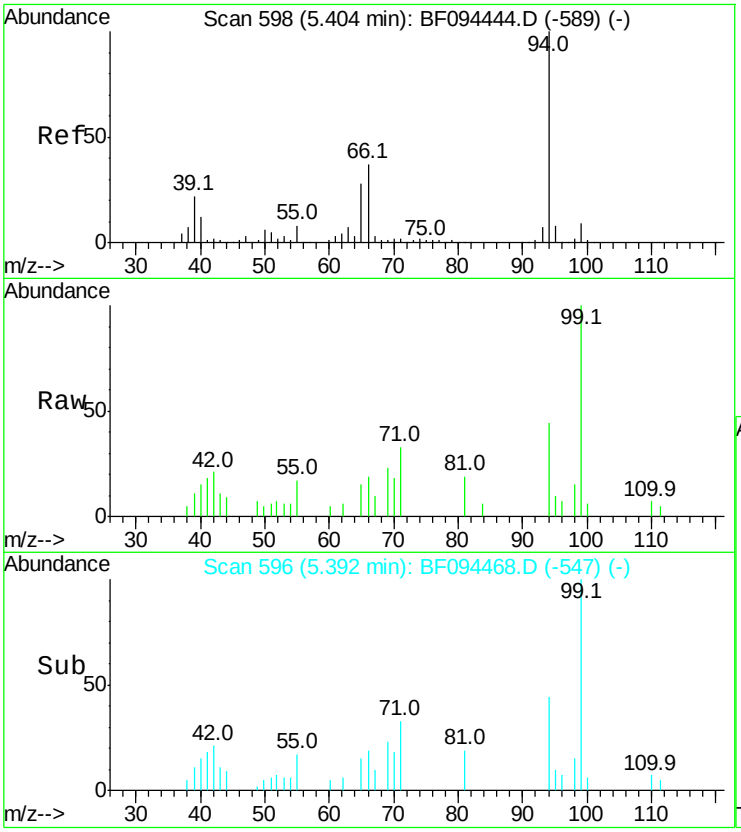


#9
Benzaldehyde
Concen: 0.02 ng
RT: 5.26 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 77 Resp: 129

Ion	Ratio	Lower	Upper
77	100		
105	328.1	83.8	123.8#
106	0.0	79.1	119.1#



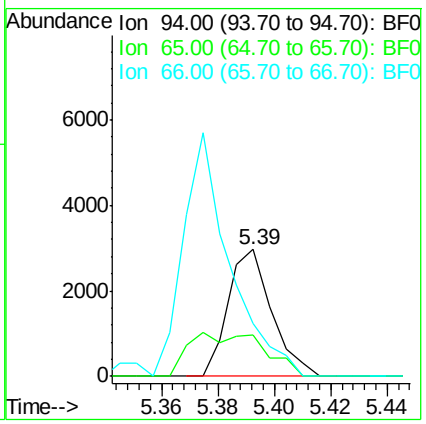


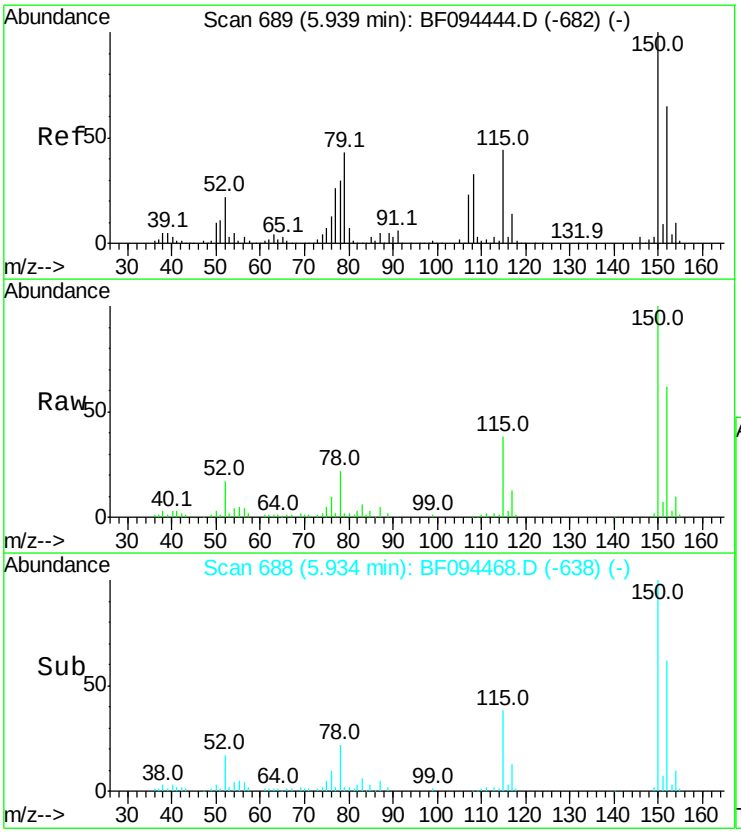
#10
Phenol
Concen: 0.24 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 3171

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.9	49.9
66	41.9	23.1	63.1

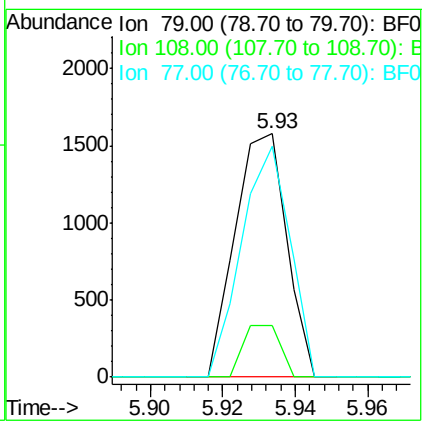


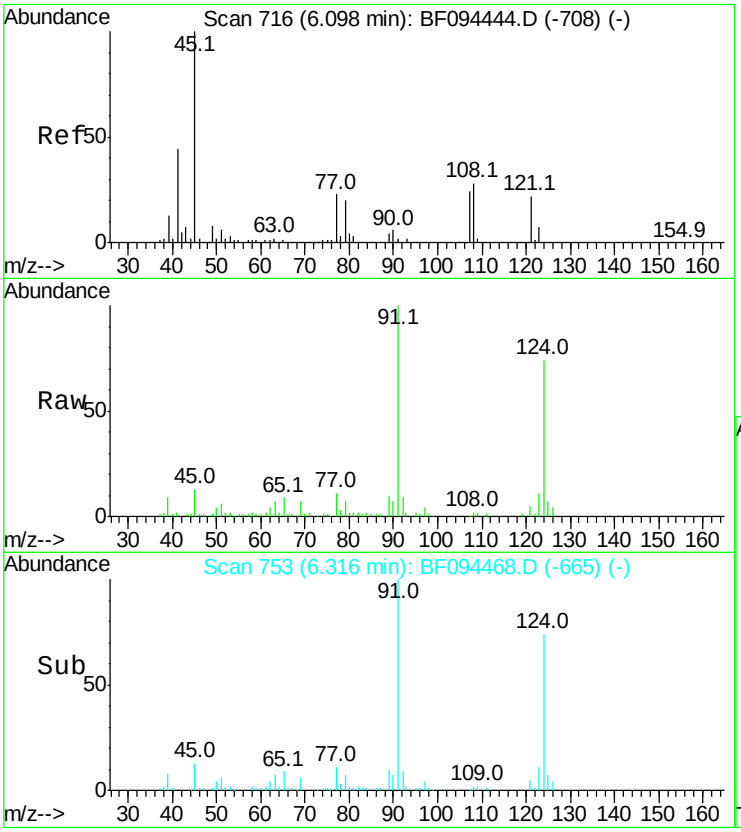


#15
Benzyl Alcohol
Concen: 0.20 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 79 Resp: 1559

Ion	Ratio	Lower	Upper
79	100		
108	21.3	63.4	95.0#
77	94.6	49.2	73.8#



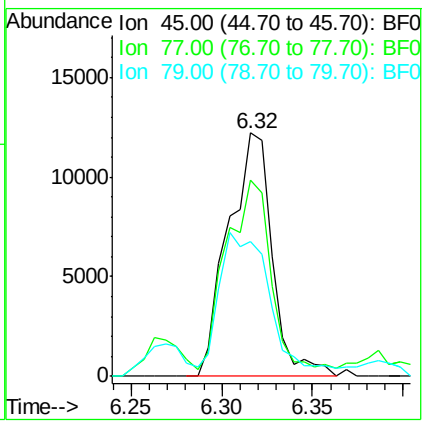


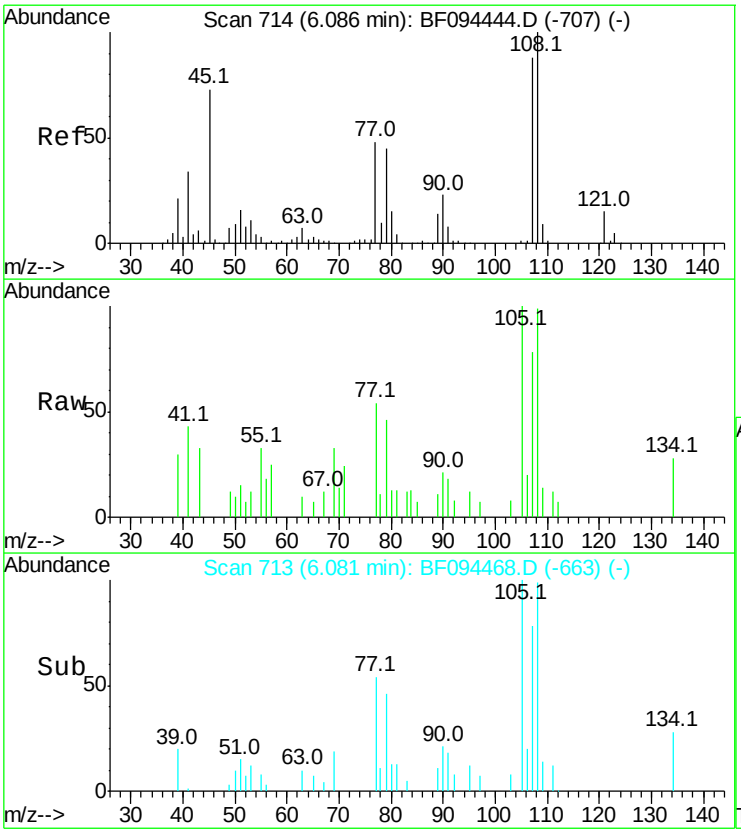
#16
2,2'-oxybis(1-Chloropropane)
Concen: 1.62 ng
RT: 6.32 min Scan# 753
Delta R.T. 0.22 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 20497

Ion	Ratio	Lower	Upper
45	100		
77	80.7	0.0	33.2#
79	55.3	0.0	30.0#

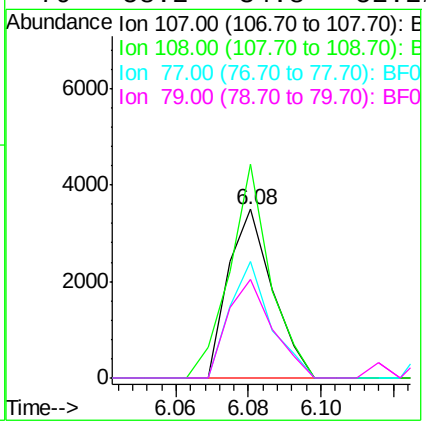


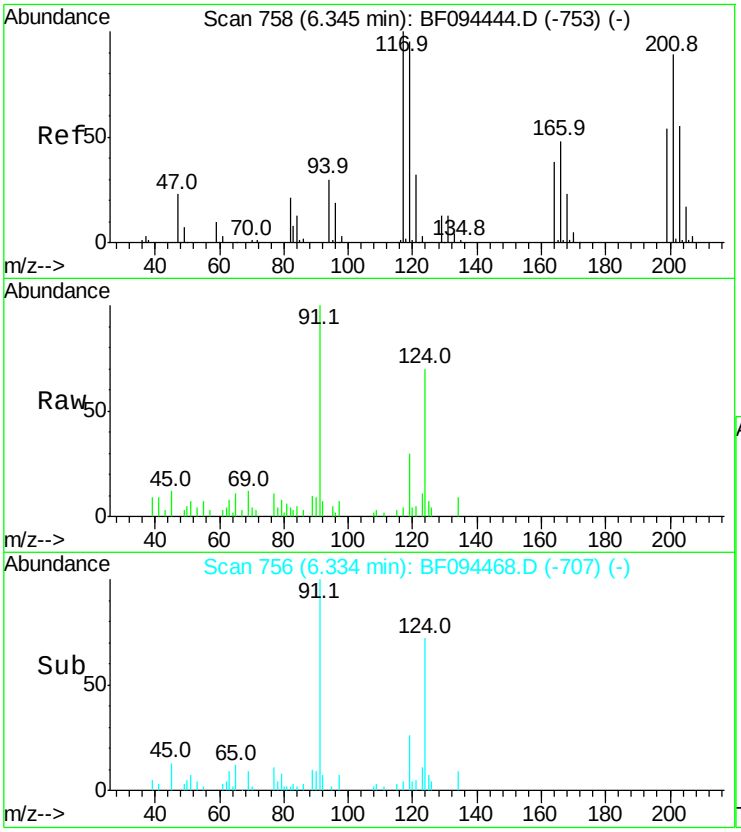


#17
2-Methylphenol
Concen: 0.36 ng
RT: 6.08 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:107 Resp: 2967

Ion	Ratio	Lower	Upper
107	100		
108	126.6	93.4	140.0
77	68.8	35.8	53.6#
79	58.2	34.8	52.2#



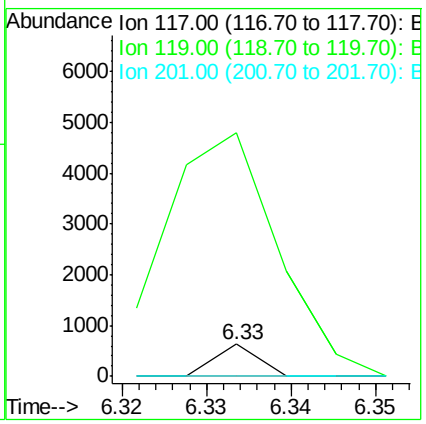


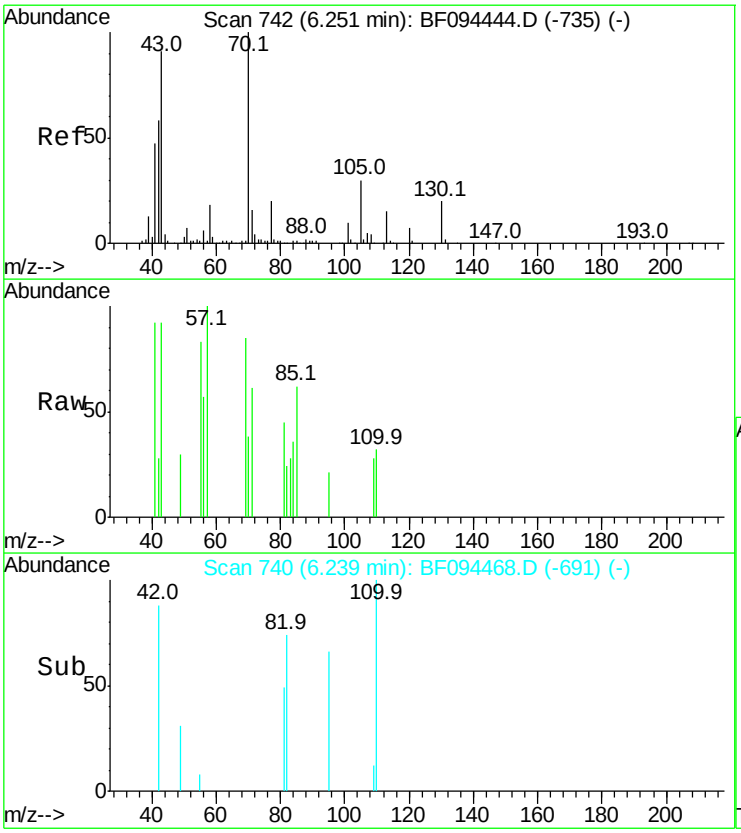
#18
Hexachloroethane
Concen: 0.06 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:117 Resp: 222

Ion	Ratio	Lower	Upper
117	100		
119	760.8	77.4	116.0#
201	0.0	94.6	141.8#

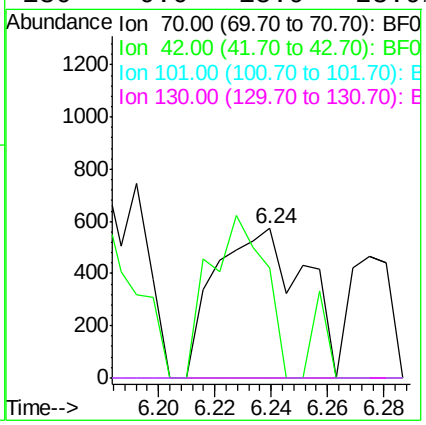


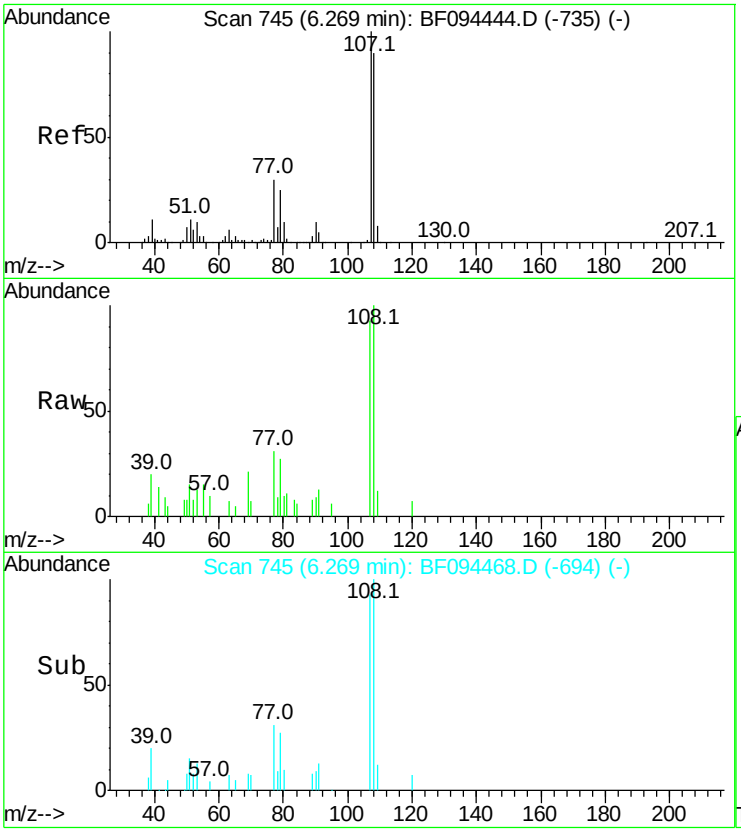


#19
n-Nitroso-di-n-propylamine
Concen: 0.18 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 70 Resp: 1253

Ion	Ratio	Lower	Upper
70	100		
42	74.0	47.2	70.8#
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



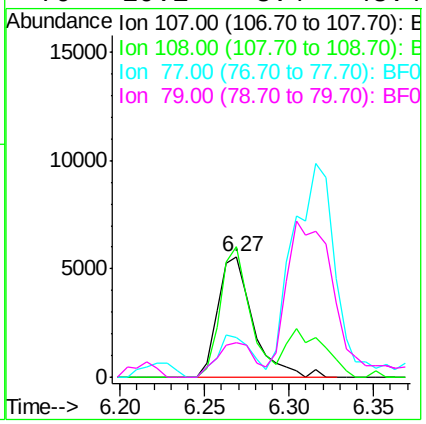


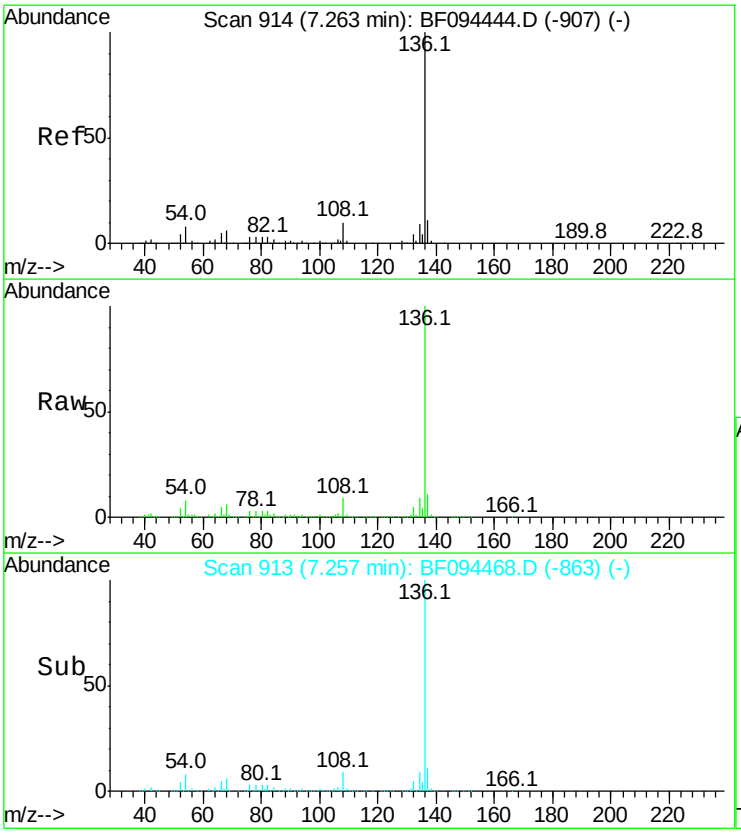
#20
3+4-Methylphenols
Concen: 0.73 ng
RT: 6.27 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 8057

Ion	Ratio	Lower	Upper
107	100		
108	107.5	71.0	111.0
77	32.8	90.5	130.5#
79	29.1	8.4	48.4

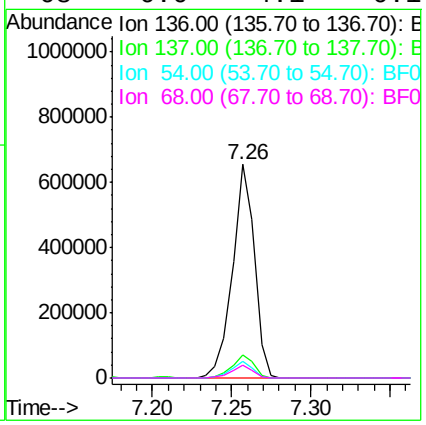


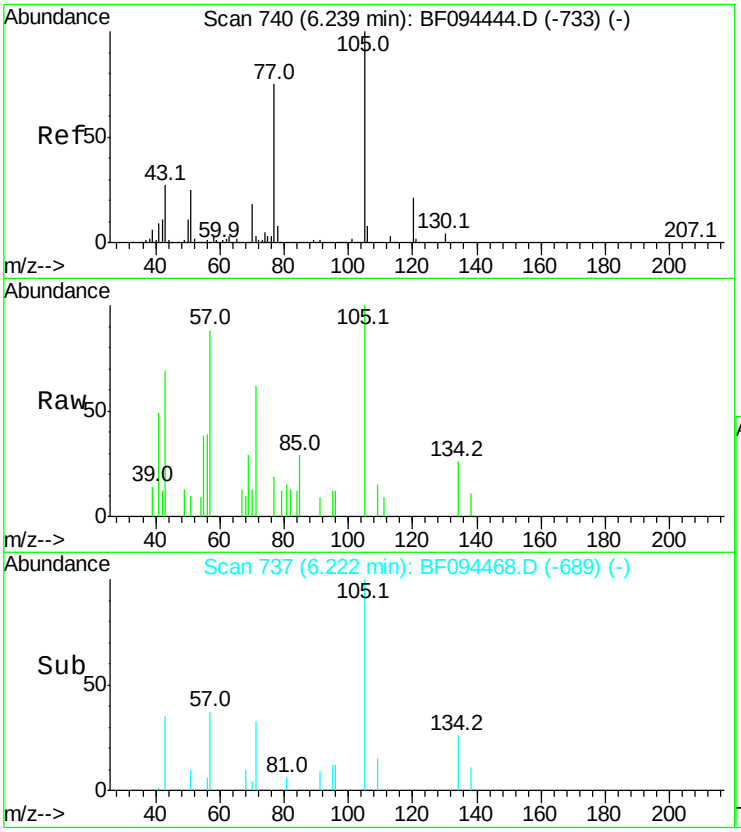


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:136 Resp: 628001

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.5	4.9	7.3#
68	6.0	4.1	6.1



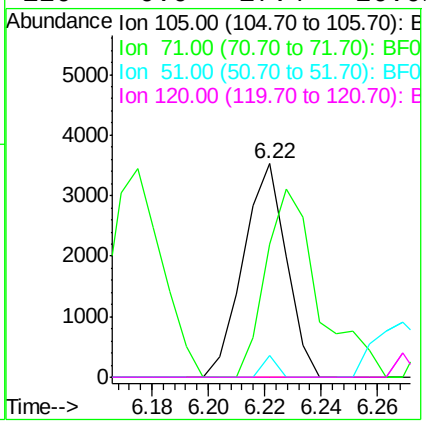


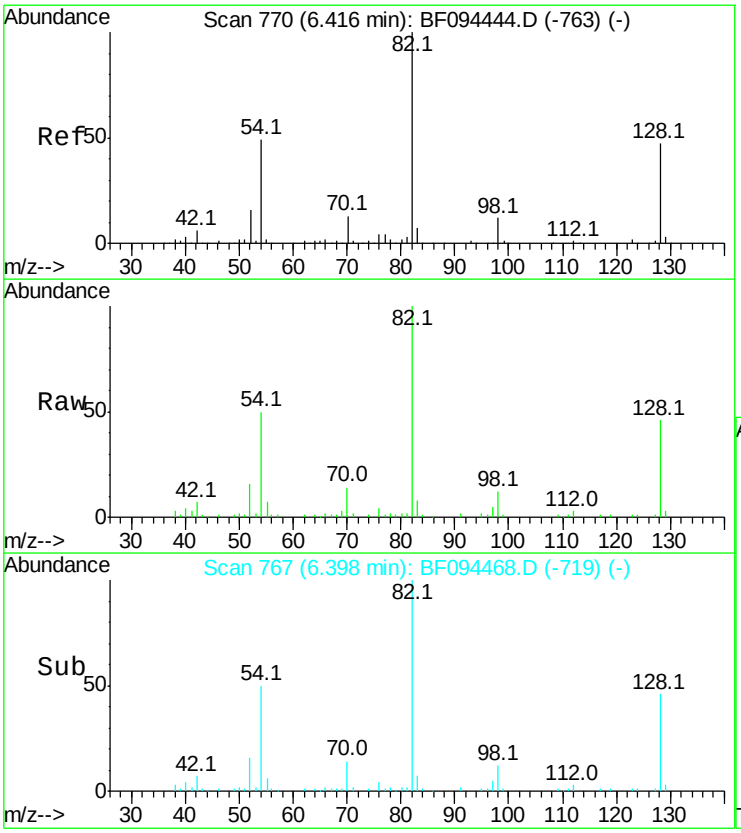
#22
Acetophenone
Concen: 0.24 ng
RT: 6.22 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 3741

Ion	Ratio	Lower	Upper
105	100		
71	62.4	2.8	4.2#
51	10.2	30.7	46.1#
120	0.0	17.4	26.0#

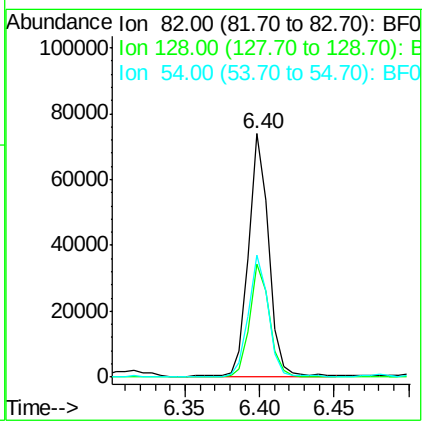


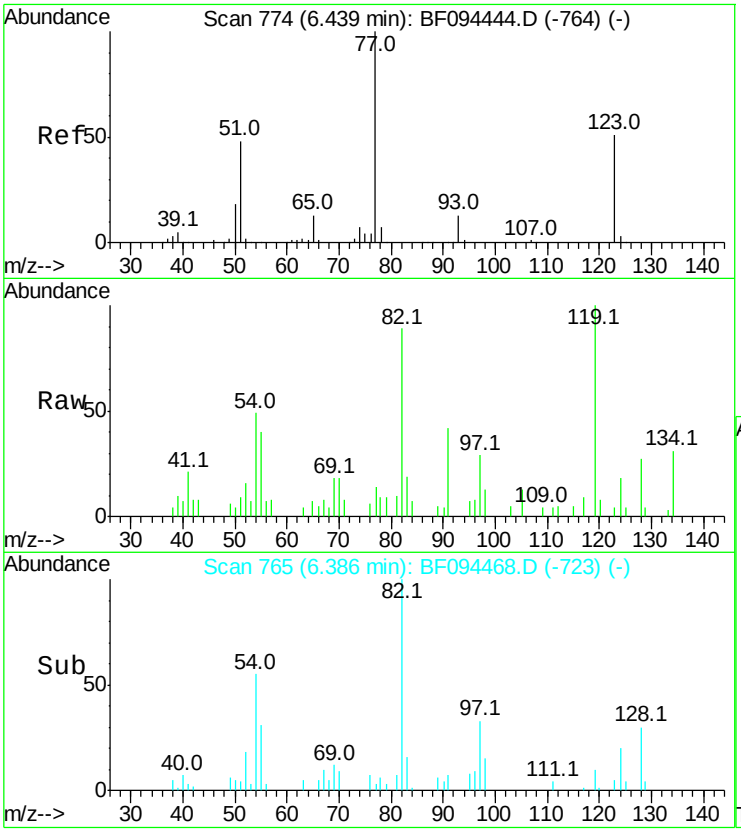


#23
Nitrobenzene-d5
Concen: 6.86 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 82 Resp: 69771

Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	49.9	42.2	63.2



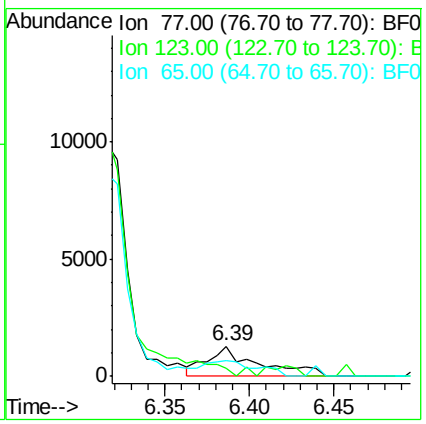


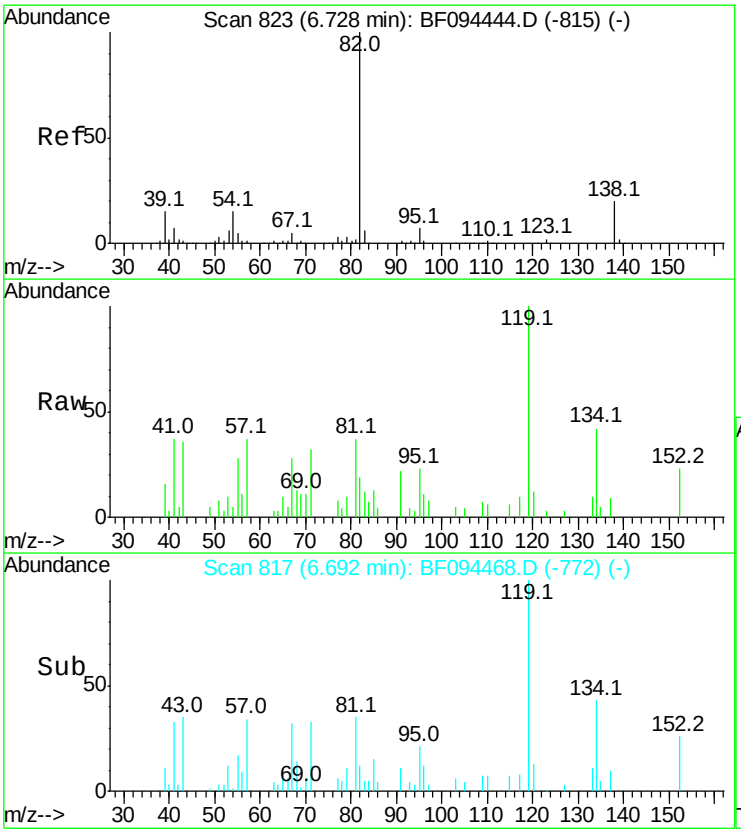
#24
Nitrobenzene
Concen: 0.25 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.05 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2708

Ion	Ratio	Lower	Upper
77	100		
123	28.9	35.8	53.8#
65	52.2	10.6	15.8#

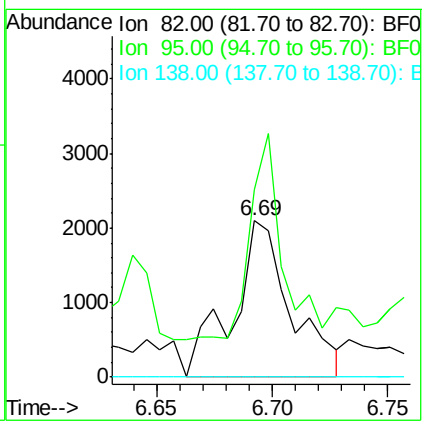


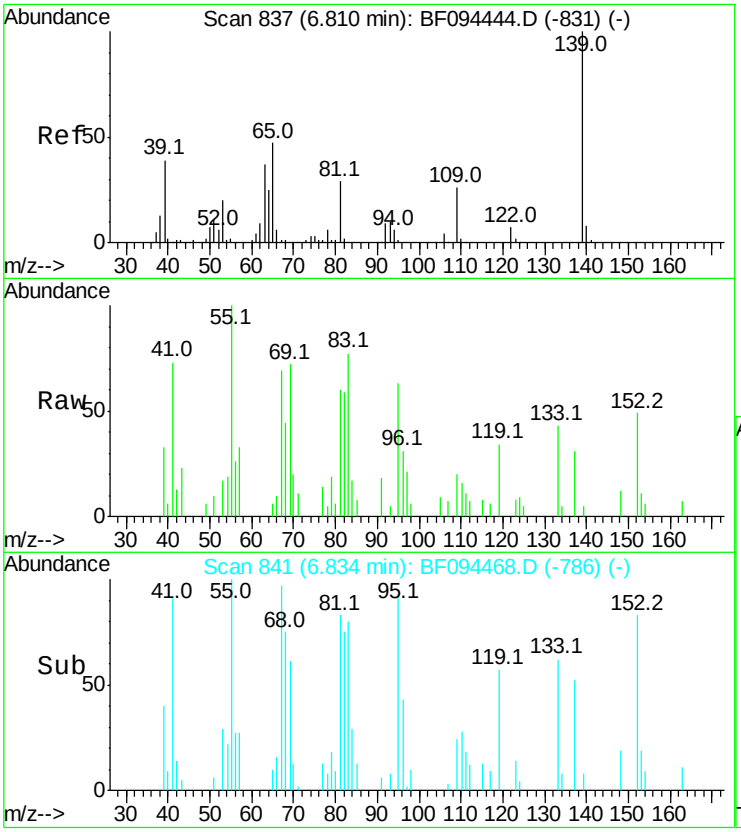


#25
Isophorone
Concen: 0.20 ng
RT: 6.69 min Scan# 817
Delta R.T. -0.04 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 82 Resp: 3705

Ion	Ratio	Lower	Upper
82	100		
95	119.6	5.3	7.9#
138	0.0	13.1	19.7#



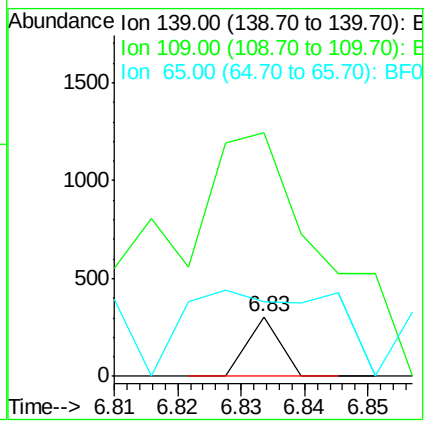


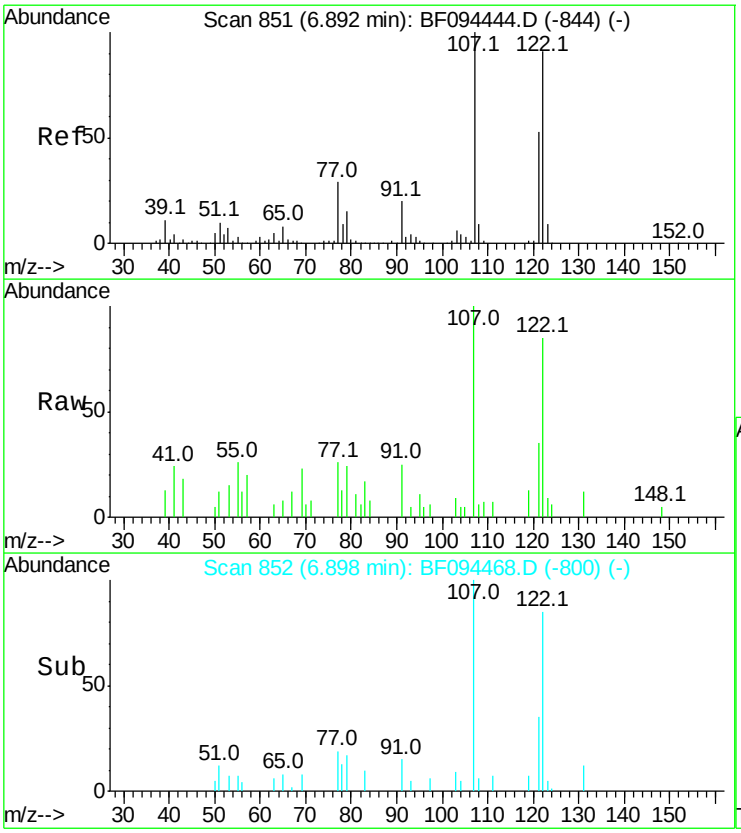
#26
2-Nitrophenol
Concen: 0.02 ng
RT: 6.83 min Scan# 841
Delta R.T. 0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:139 Resp: 108

Ion	Ratio	Lower	Upper
139	100		
109	407.9	21.0	31.6#
65	125.2	33.0	49.6#

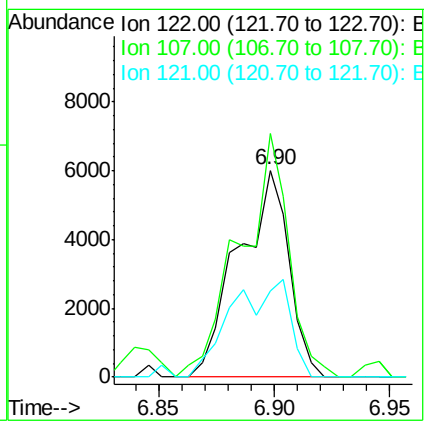


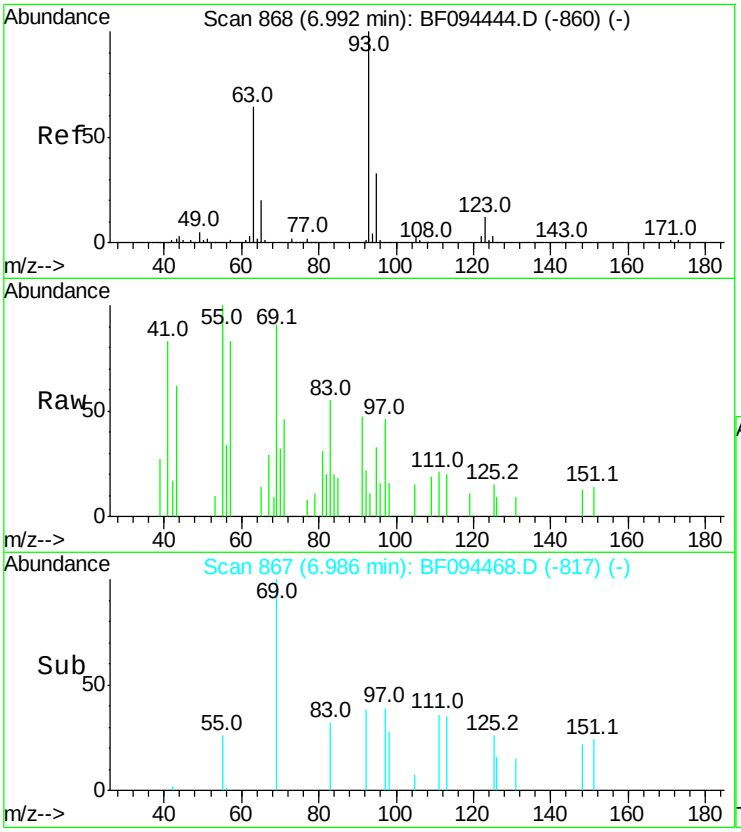


#27
2,4-Dimethylphenol
Concen: 0.98 ng
RT: 6.90 min Scan# 852
Delta R.T. 0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:122 Resp: 9150

Ion	Ratio	Lower	Upper
122	100		
107	117.9	89.2	133.8
121	41.7	45.2	67.8#



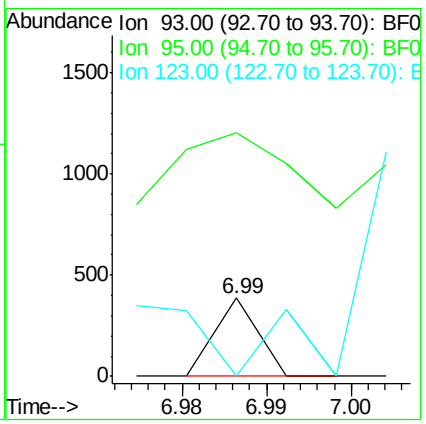


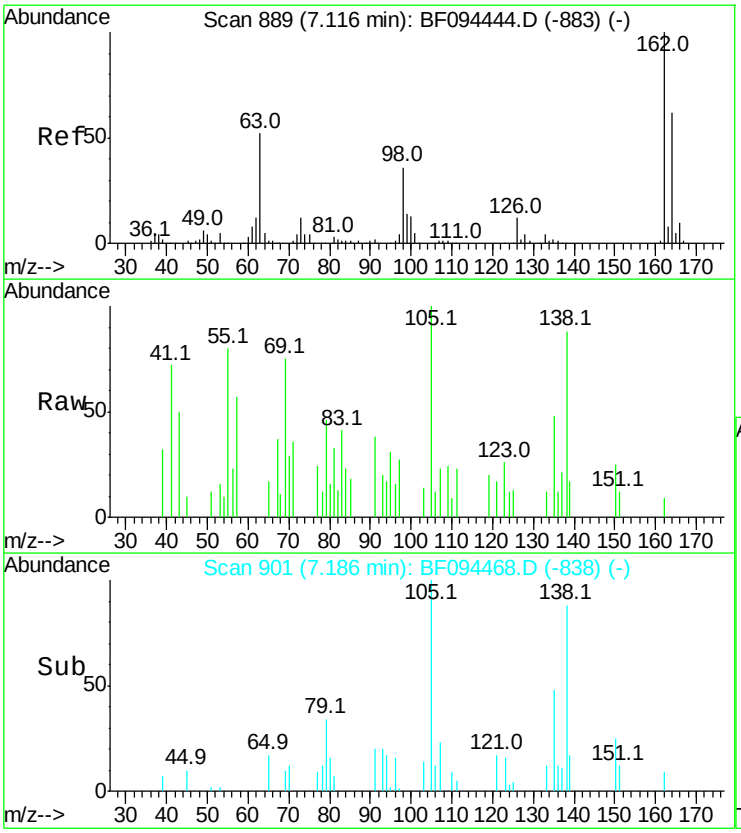
#28
bis(2-Chloroethoxy)methane
Concen: 0.01 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 136

Ion	Ratio	Lower	Upper
93	100		
95	311.7	26.5	39.7#
123	0.0	9.0	13.4#

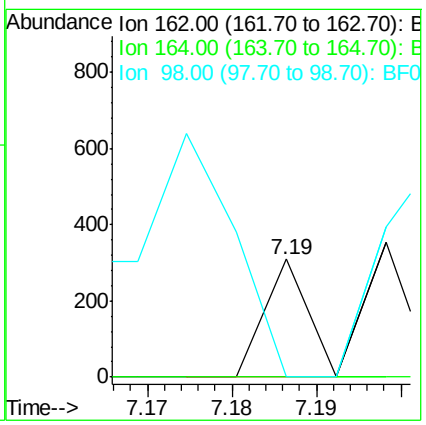


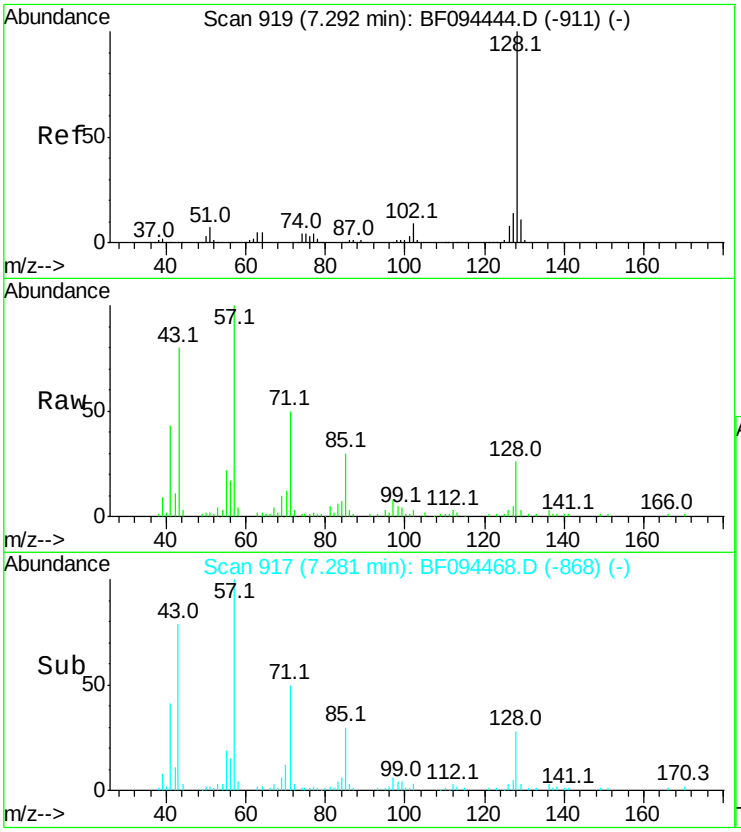


#29
2,4-Dichlorophenol
Concen: 0.01 ng
RT: 7.19 min Scan# 901
Delta R.T. 0.07 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:162 Resp: 109

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	0.0	14.8	54.8#



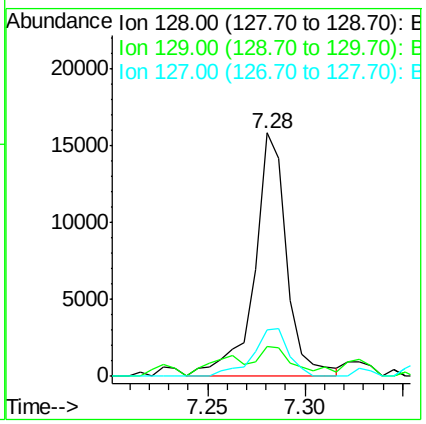


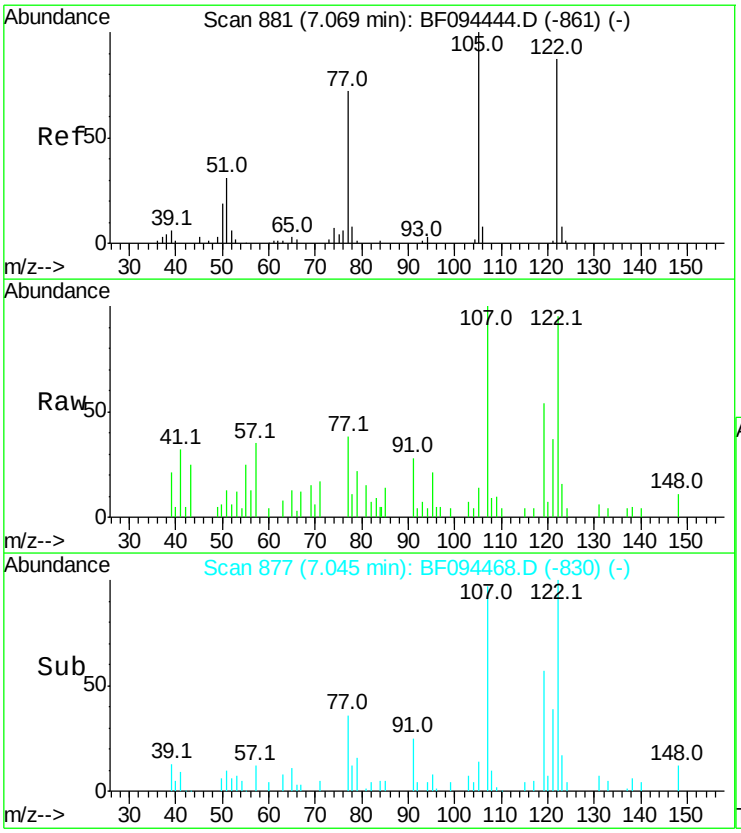
#31
Naphthalene
Concen: 0.60 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 18169

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.0	13.6
127	18.9	10.8	16.2#

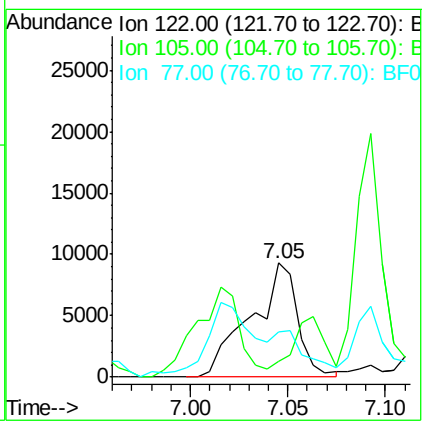


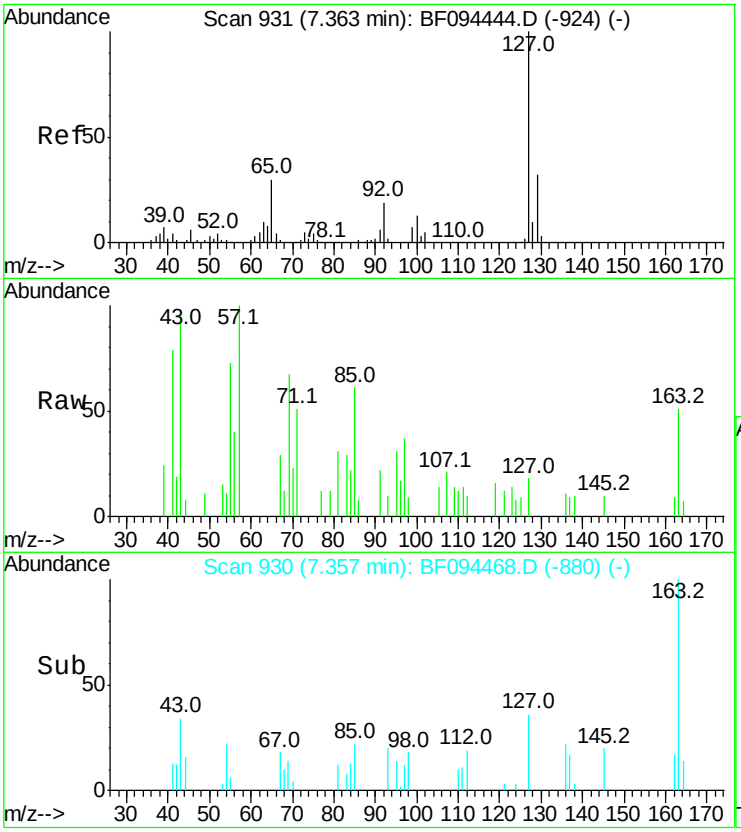


#32
Benzoic acid
Concen: 3.12 ng
RT: 7.05 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:122 Resp: 15425

Ion	Ratio	Lower	Upper
122	100		
105	14.3	103.3	143.3#
77	39.7	73.7	113.7#



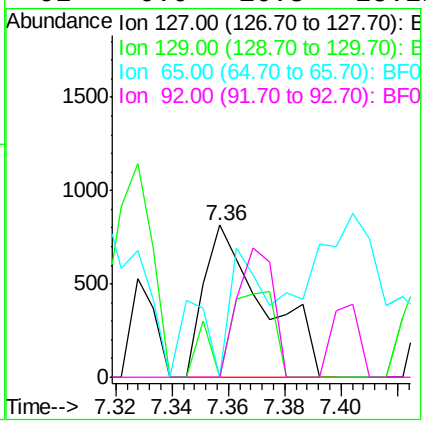


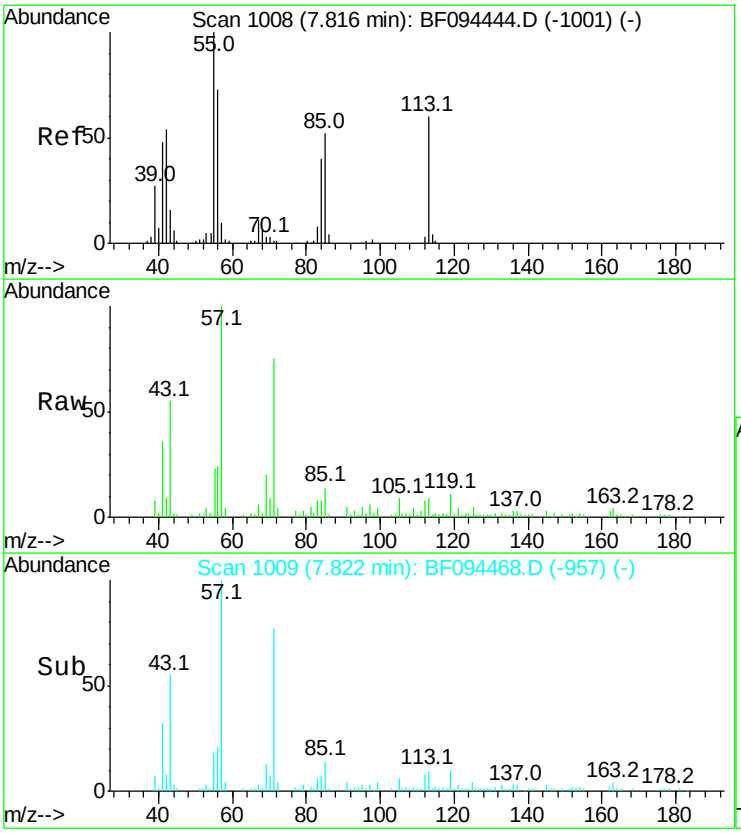
#33
4-Chloroaniline
Concen: 0.10 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 1210

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

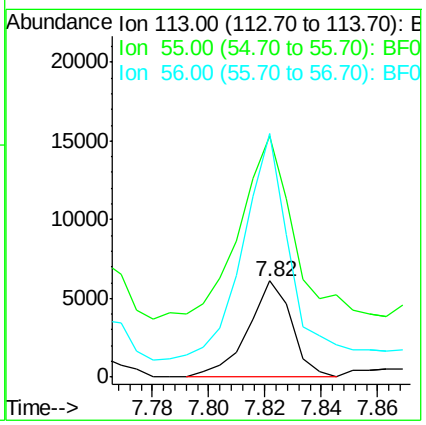


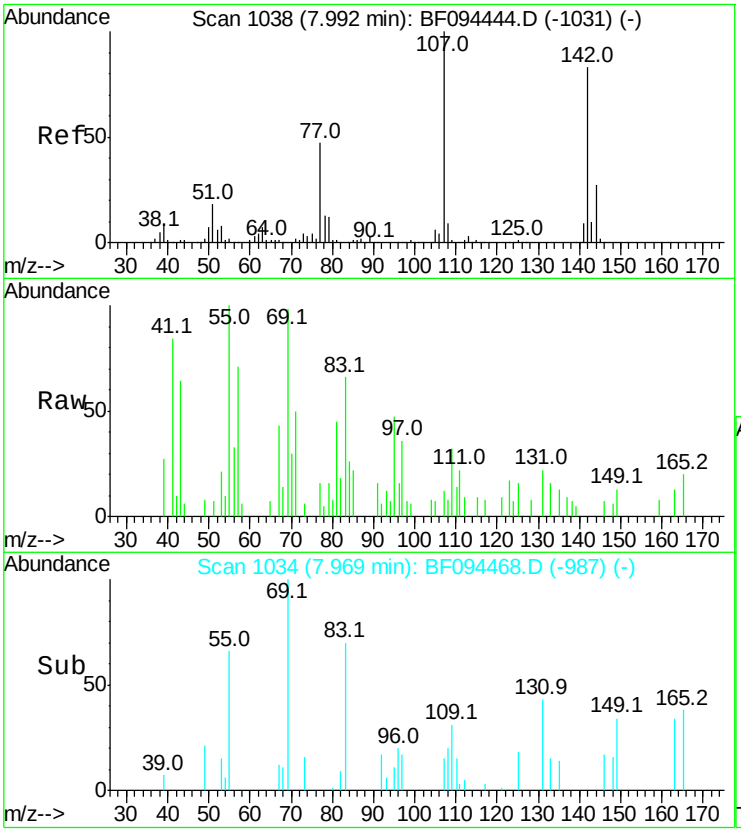


#35
Caprolactam
Concen: 2.41 ng
RT: 7.82 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:113 Resp: 6581

Ion	Ratio	Lower	Upper
113	100		
55	250.7	150.2	190.2#
56	253.5	107.8	147.8#



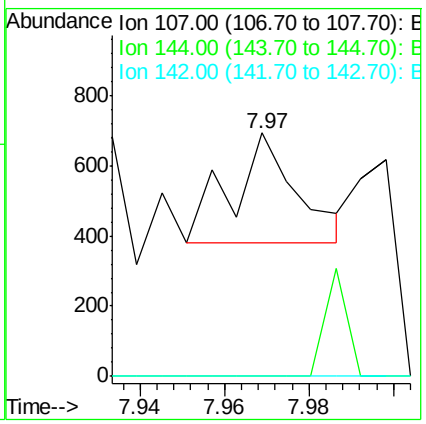


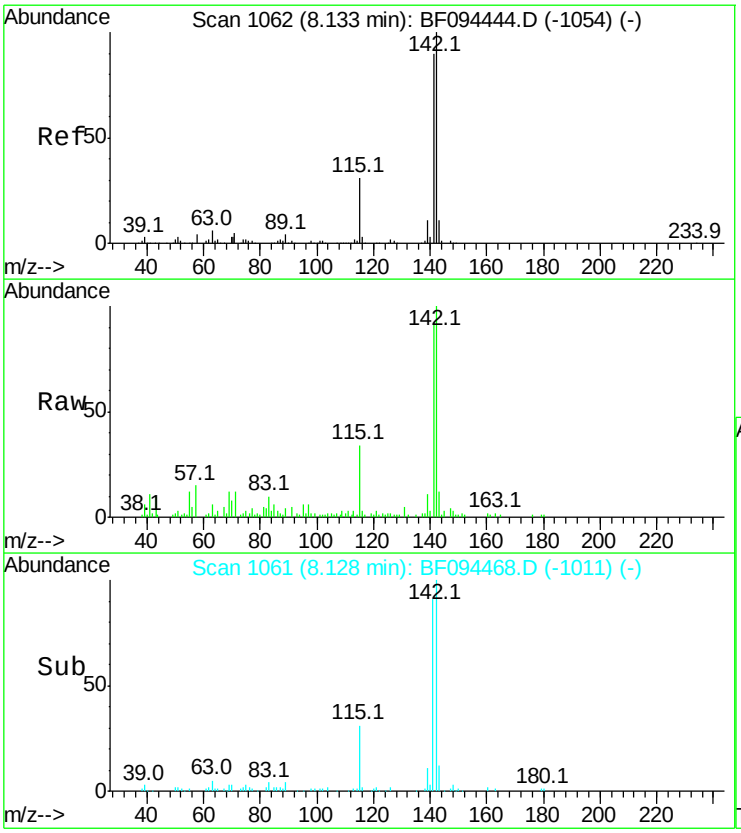
#36
4-Chloro-3-methylphenol
Concen: 0.04 ng
RT: 7.97 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 334

Ion	Ratio	Lower	Upper
107	100		
144	0.0	24.2	36.4#
142	0.0	73.4	110.0#

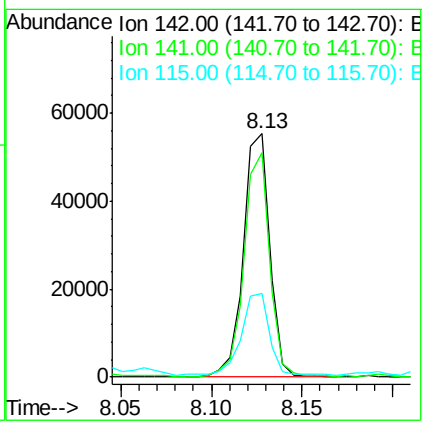


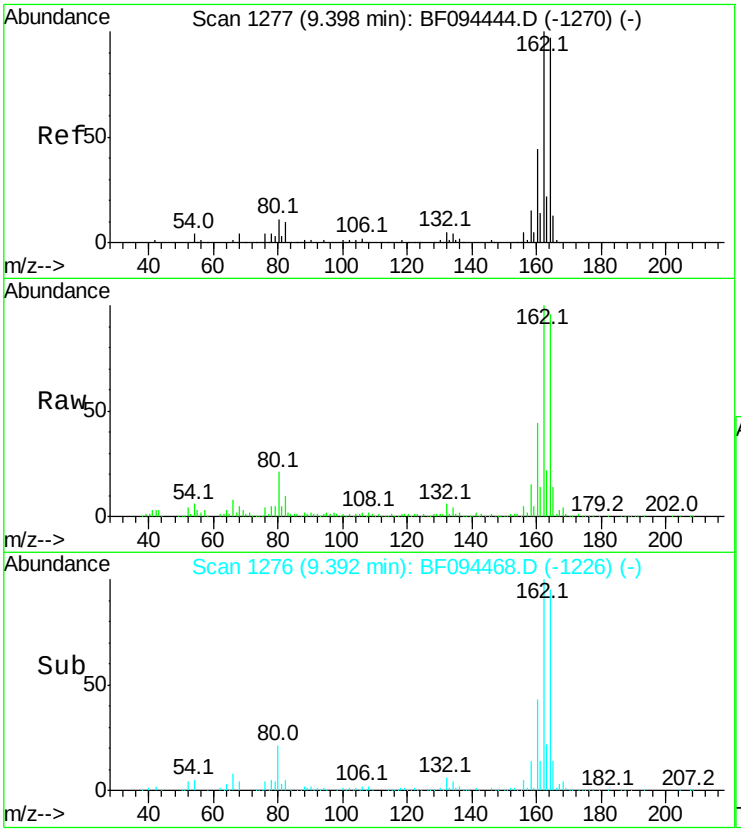


#37
2-Methylnaphthalene
Concen: 2.72 ng
RT: 8.13 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:142 Resp: 56205

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.3	106.9
115	34.4	27.1	40.7



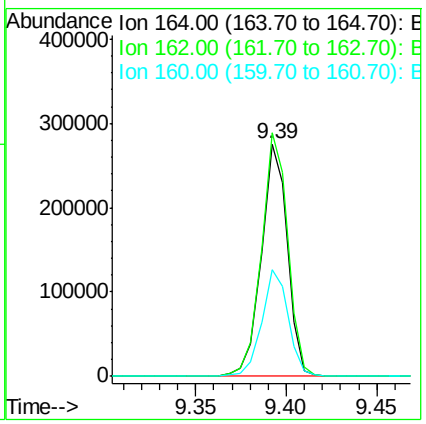


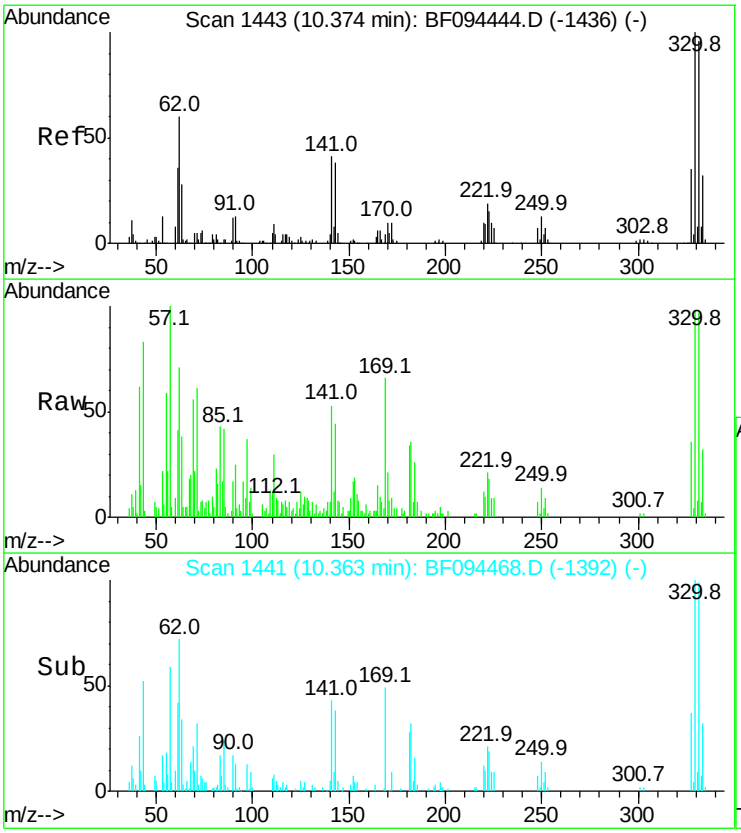
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 275229

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.7	36.2	54.2

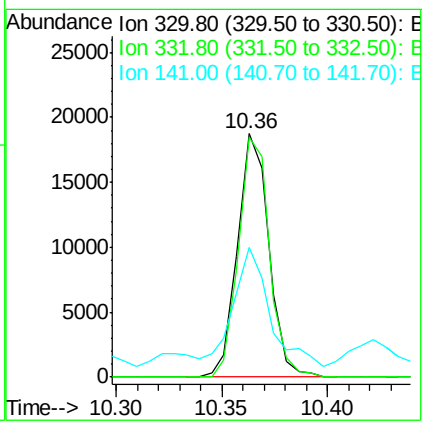


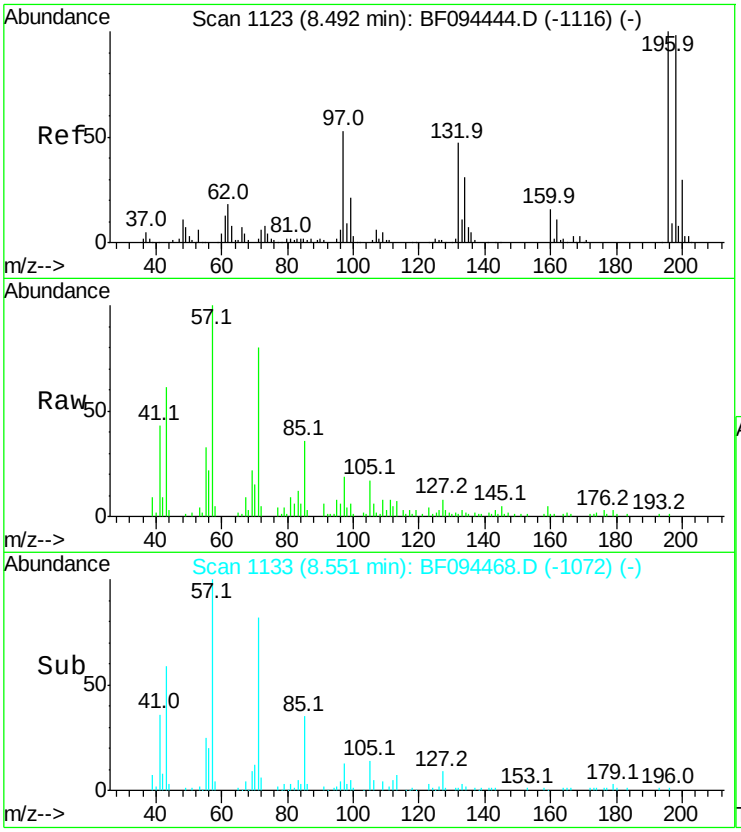


#41
2,4,6-Tribromophenol
Concen: 8.94 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:330 Resp: 19241

Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	56.7	31.4	47.2#



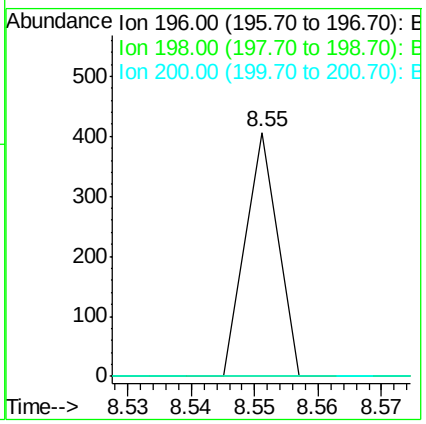


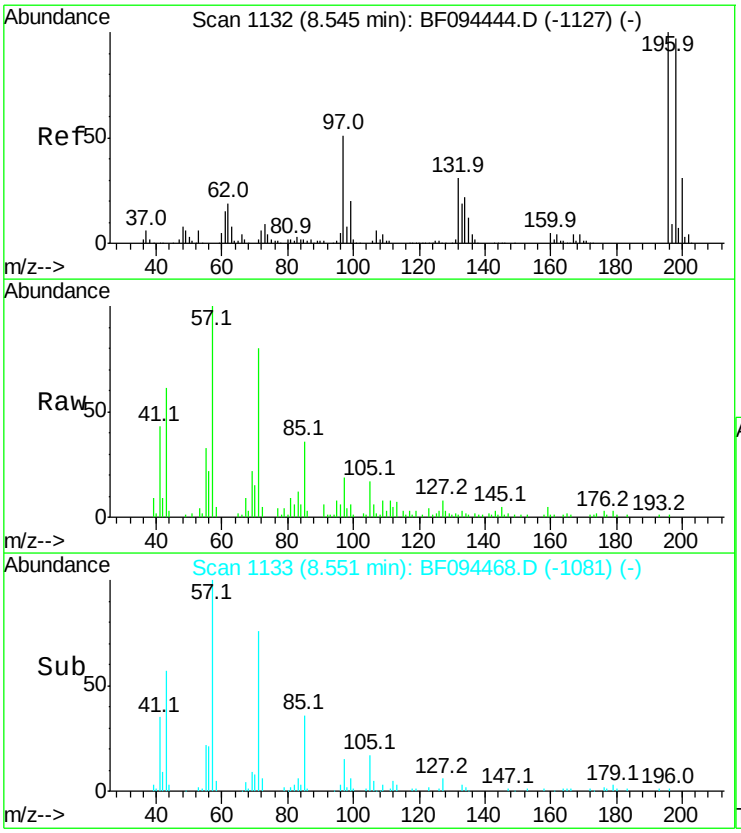
#42
2,4,6-Trichlorophenol
Concen: 0.03 ng
RT: 8.55 min Scan# 1133
Delta R.T. 0.06 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 143

Ion	Ratio	Lower	Upper
196	100		
198	0.0	74.2	111.4#
200	0.0	24.0	36.0#

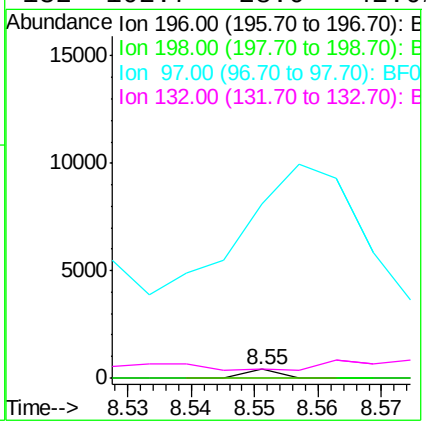


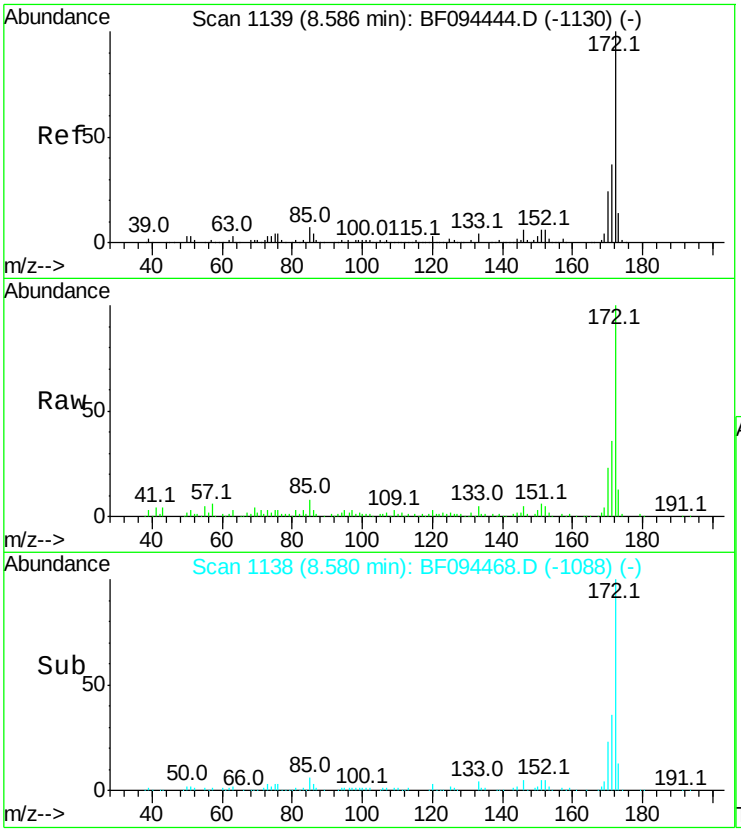


#43
2,4,5-Trichlorophenol
Concen: 0.03 ng
RT: 8.55 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:196 Resp: 143

Ion	Ratio	Lower	Upper
196	100		
198	0.0	75.7	113.5#
97	2004.4	47.7	71.5#
132	102.7	28.0	42.0#



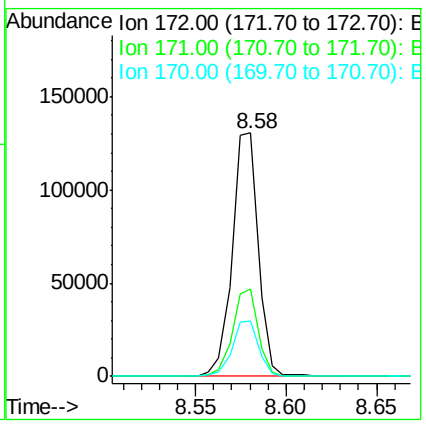


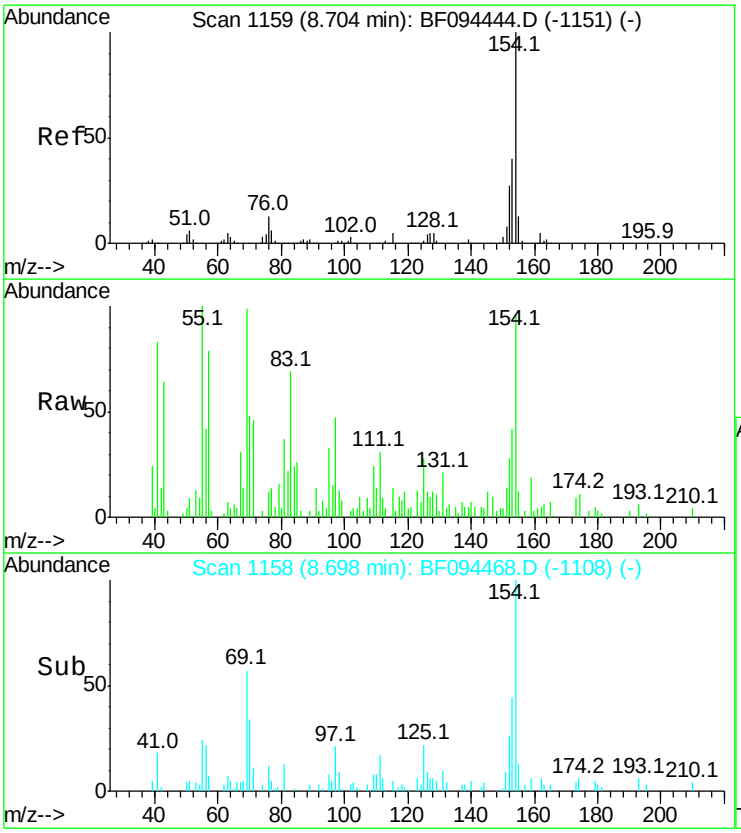
#44
2-Fluorobiphenyl
Concen: 7.00 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 130967

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	22.6	19.8	29.8

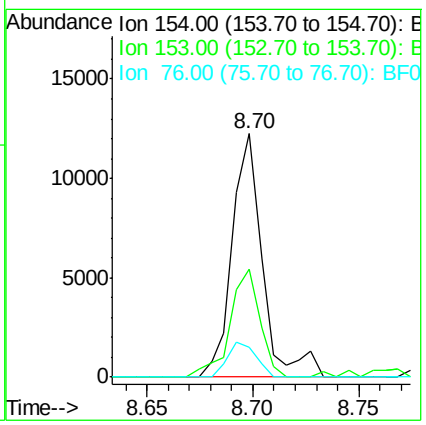


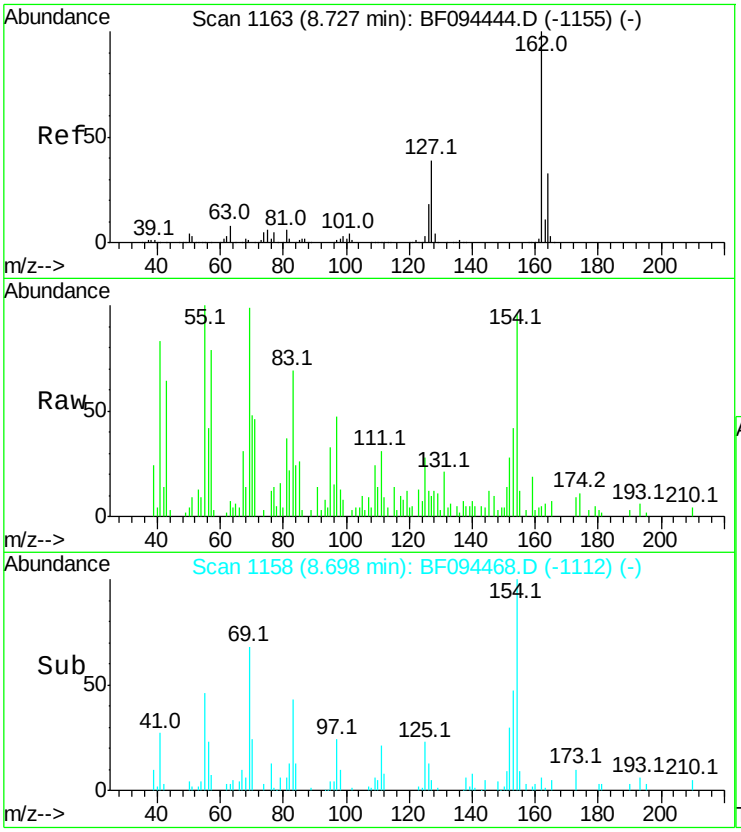


#45
1,1'-Biphenyl
Concen: 0.54 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:154 Resp: 12135

Ion	Ratio	Lower	Upper
154	100		
153	44.4	21.2	61.2
76	12.3	0.0	29.9



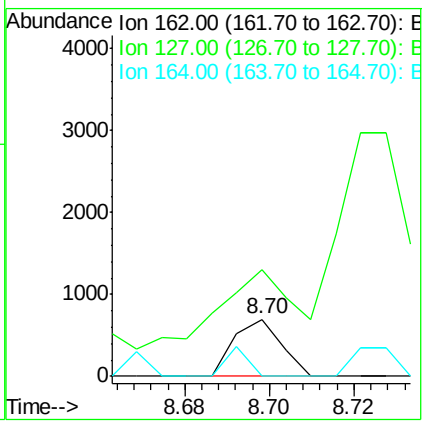


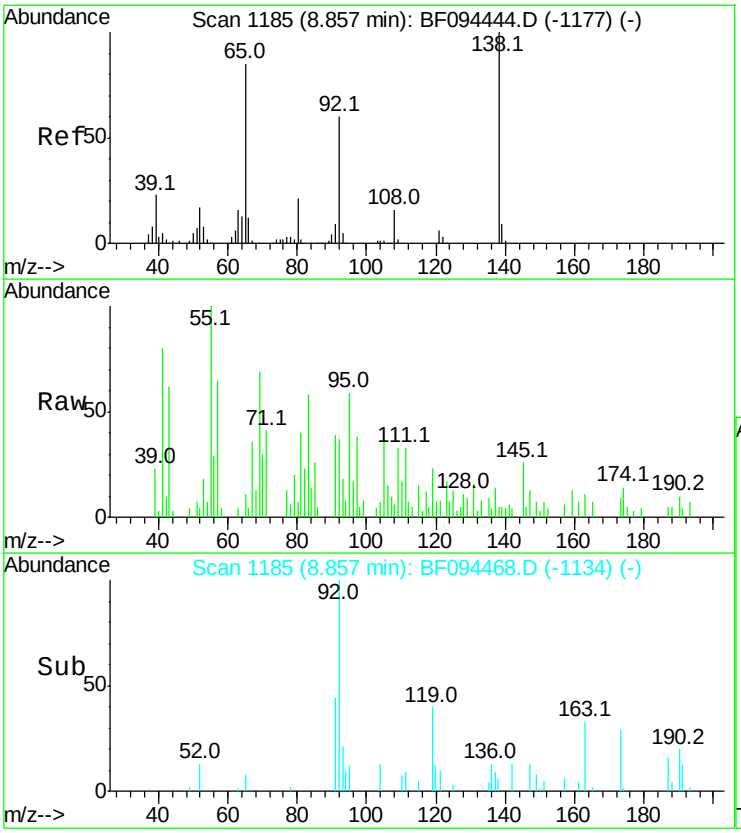
#46
2-Chloronaphthalene
Concen: 0.03 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 543

Ion	Ratio	Lower	Upper
162	100		
127	186.3	28.3	42.5#
164	0.0	27.0	40.4#

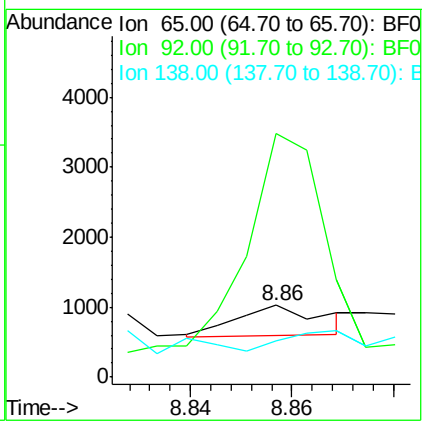


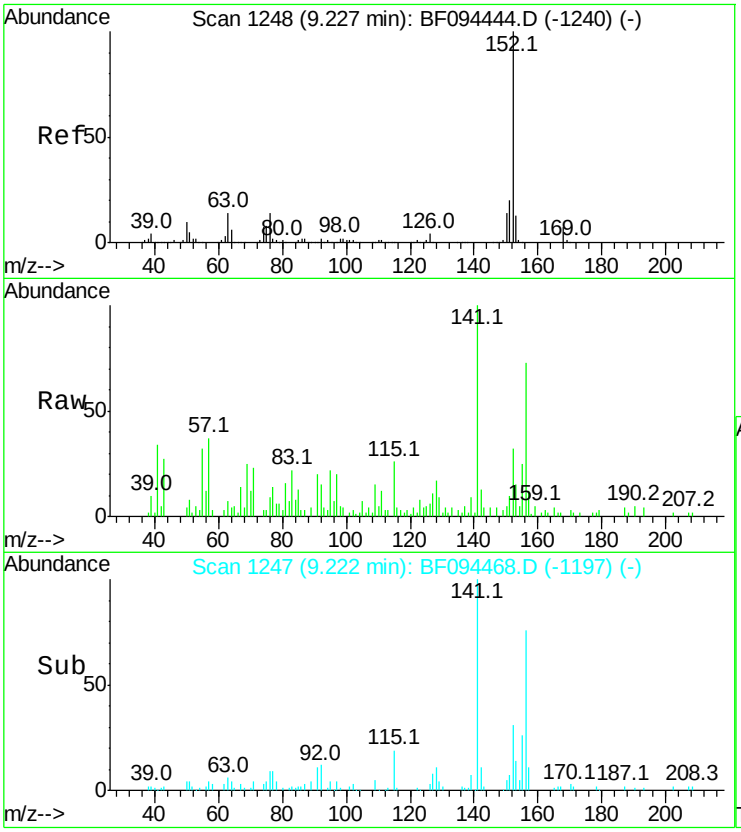


#47
2-Nitroaniline
Concen: 0.10 ng
RT: 8.86 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 65 Resp: 503

Ion	Ratio	Lower	Upper
65	100		
92	339.2	53.9	80.9#
138	49.7	78.8	118.2#



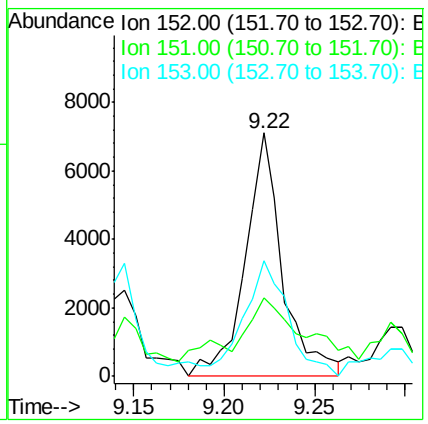


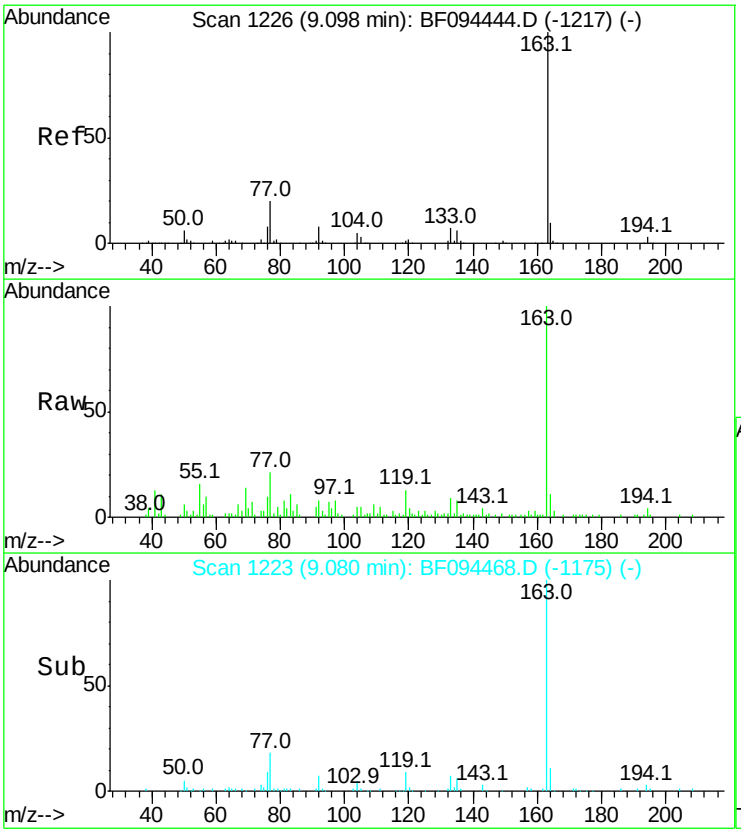
#48
Acenaphthylene
Concen: 0.36 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 10151

Ion	Ratio	Lower	Upper
152	100		
151	32.3	16.8	25.2#
153	47.2	10.8	16.2#

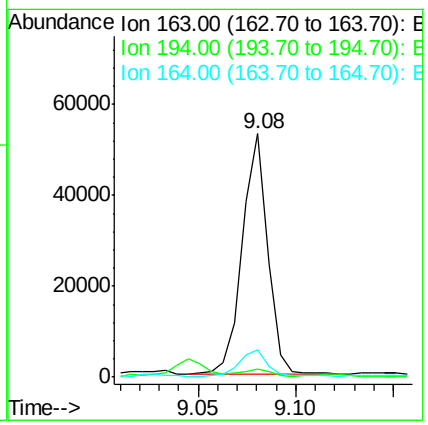


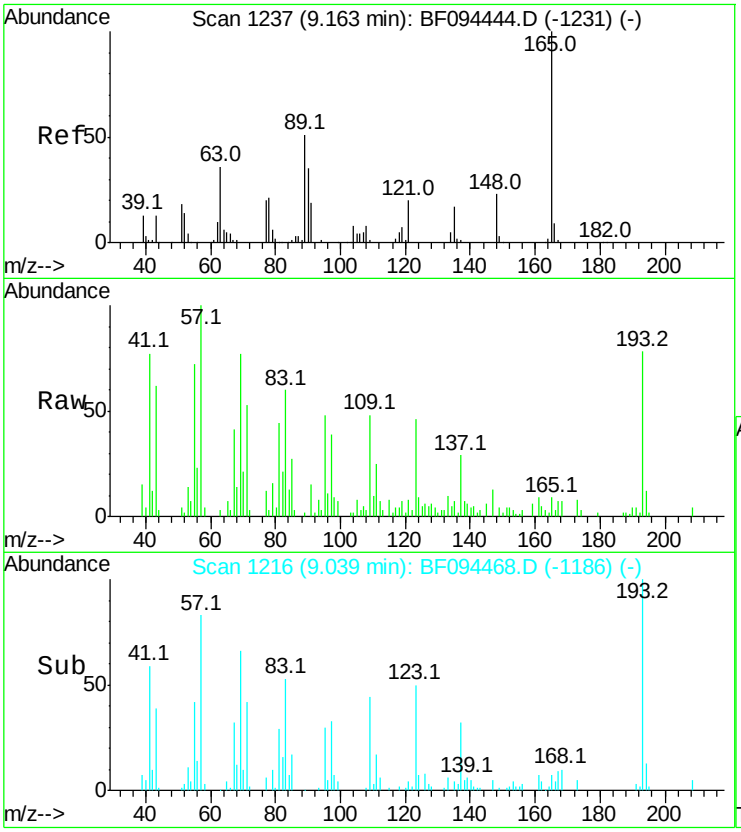


#49
Dimethylphthalate
Concen: 2.35 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:163 Resp: 48103

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.3	8.4	12.6



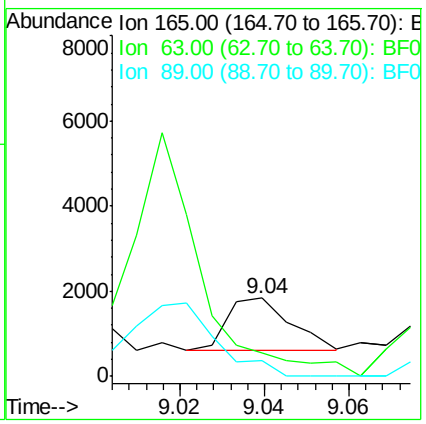


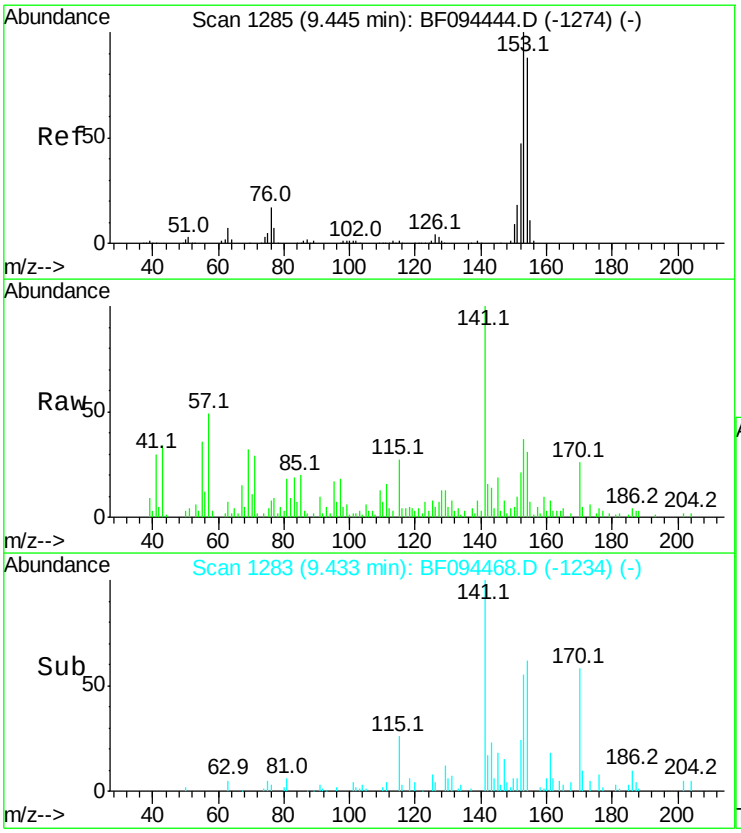
#50
2,6-Dinitrotoluene
Concen: 0.28 ng
RT: 9.04 min Scan# 1216
Delta R.T. -0.12 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1279

Ion	Ratio	Lower	Upper
165	100		
63	29.6	34.3	51.5#
89	20.0	37.1	55.7#

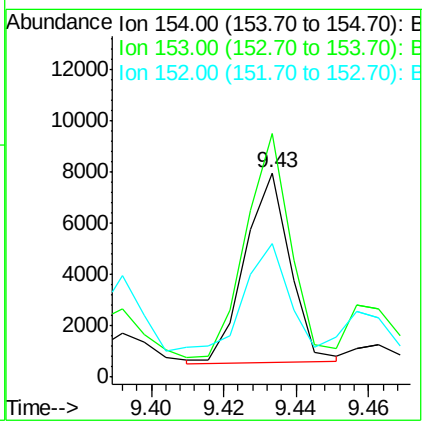


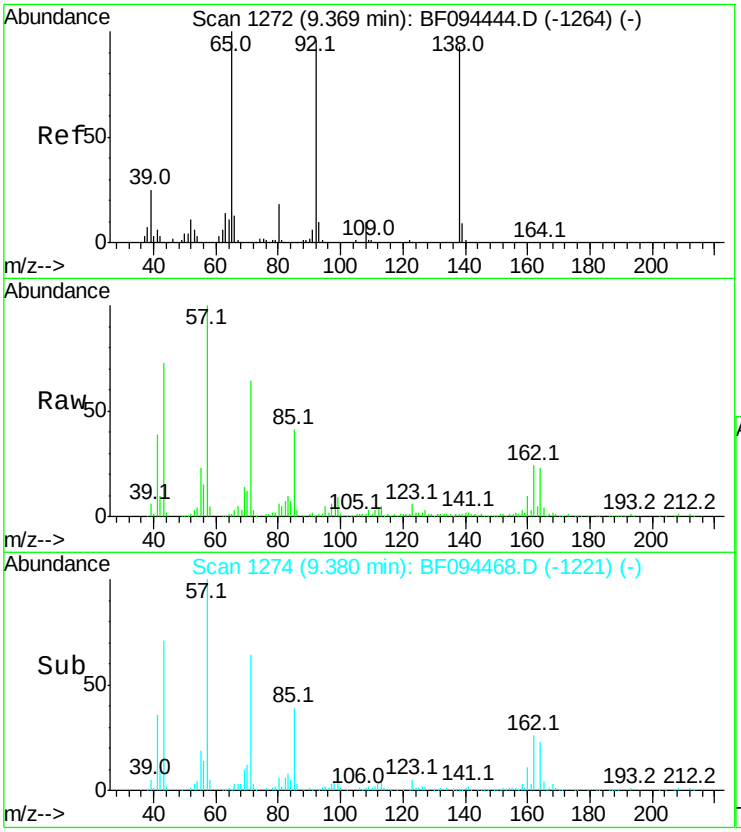


#51
Acenaphthene
Concen: 0.38 ng
RT: 9.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:154 Resp: 6327

Ion	Ratio	Lower	Upper
154	100		
153	119.3	90.5	135.7
152	65.6	43.6	65.4#



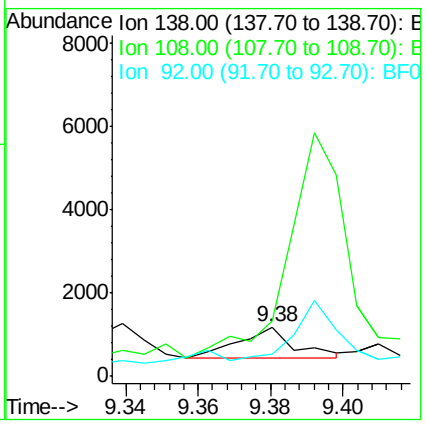


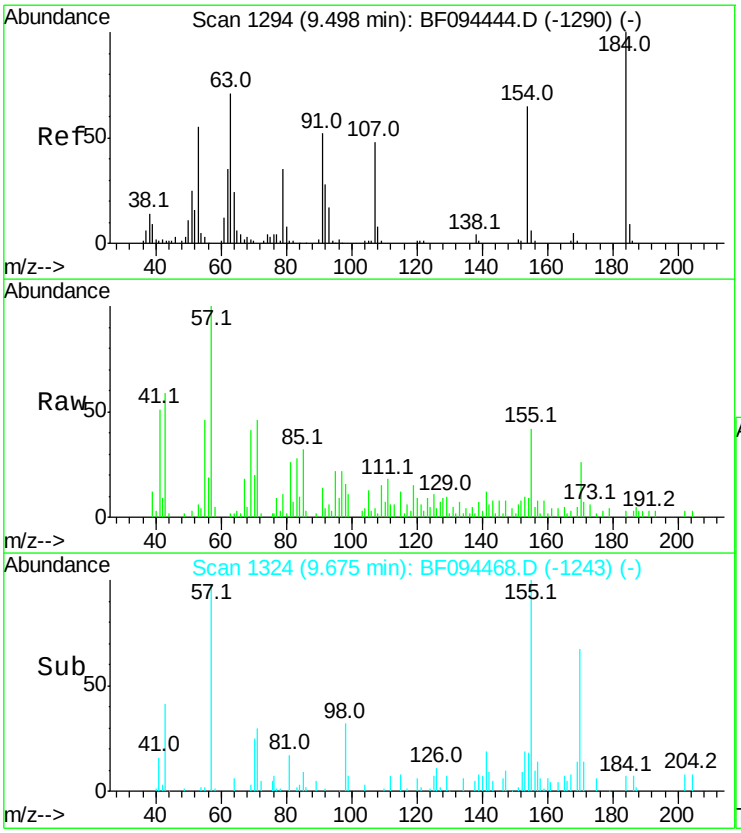
#52
3-Nitroaniline
Concen: 0.15 ng
RT: 9.38 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 797

Ion	Ratio	Lower	Upper
138	100		
108	111.8	9.1	13.7#
92	45.9	93.8	140.6#

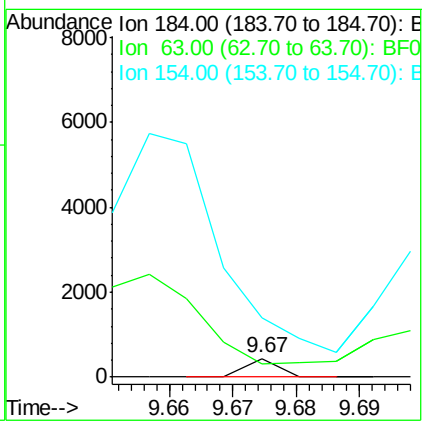


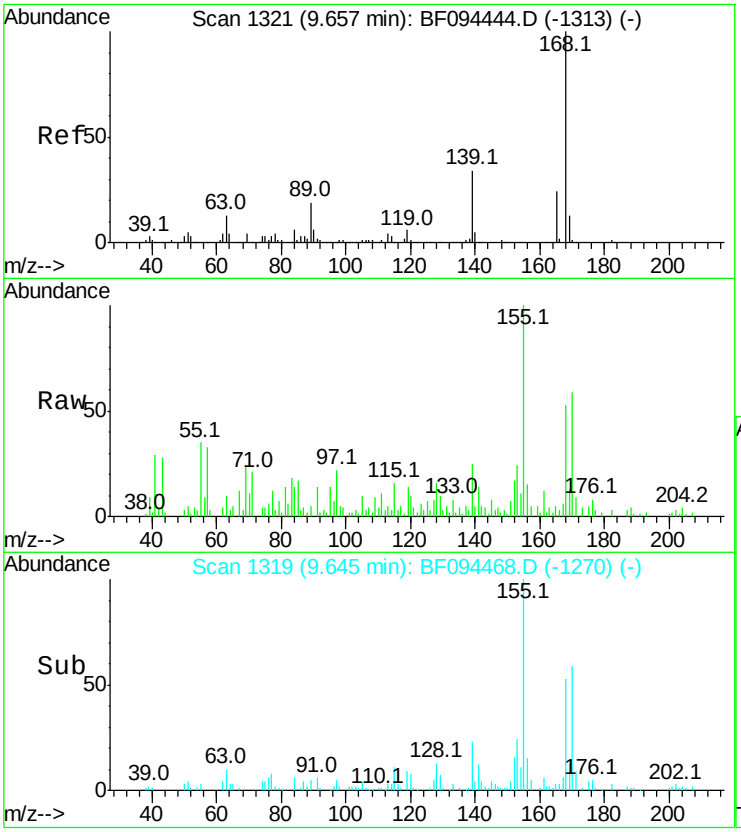


#53
2,4-Dinitrophenol
Concen: 5.82 ng
RT: 9.67 min Scan# 1324
Delta R.T. 0.18 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:184 Resp: 155

Ion	Ratio	Lower	Upper
184	100		
63	72.4	62.7	94.1
154	321.5	81.1	121.7#



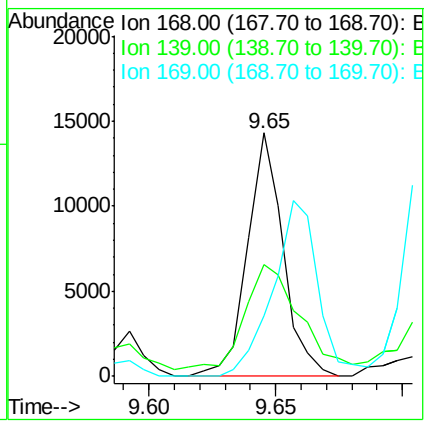


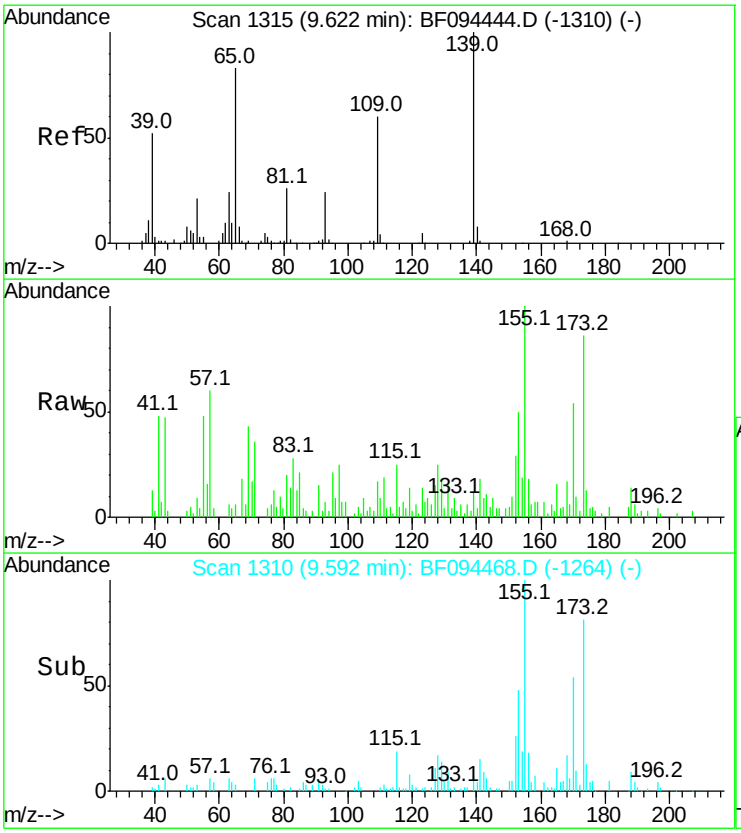
#54
Dibenzofuran
Concen: 0.58 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 14098

Ion	Ratio	Lower	Upper
168	100		
139	46.0	30.6	45.8#
169	24.9	10.8	16.2#

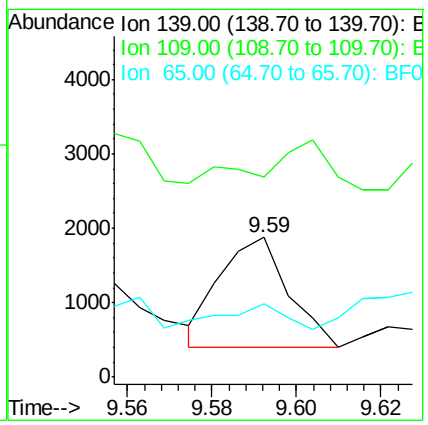


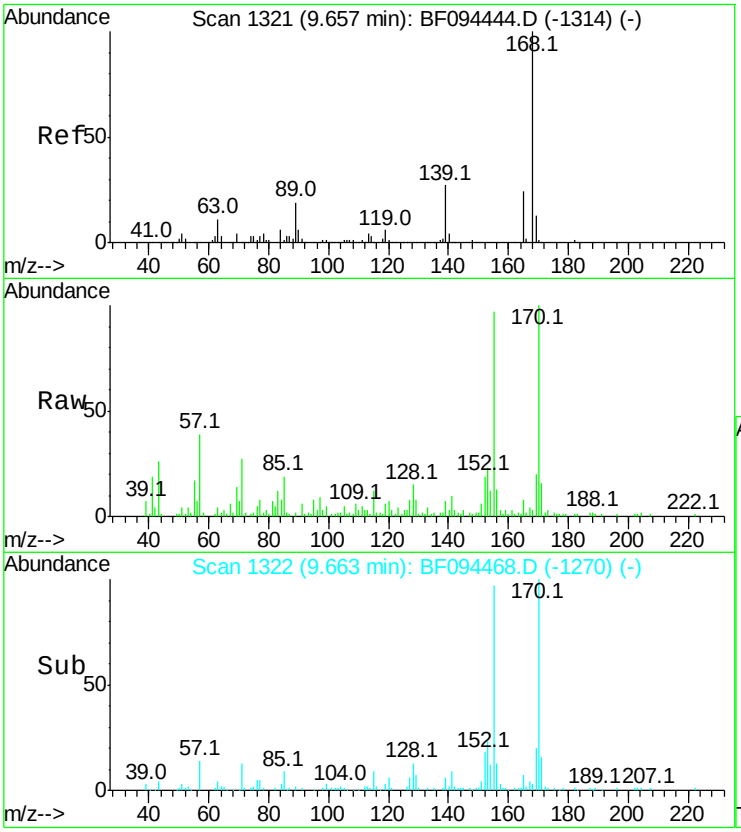


#55
4-Nitrophenol
Concen: 0.44 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:139 Resp: 1649

Ion	Ratio	Lower	Upper
139	100		
109	142.8	34.1	74.1#
65	52.8	31.4	71.4



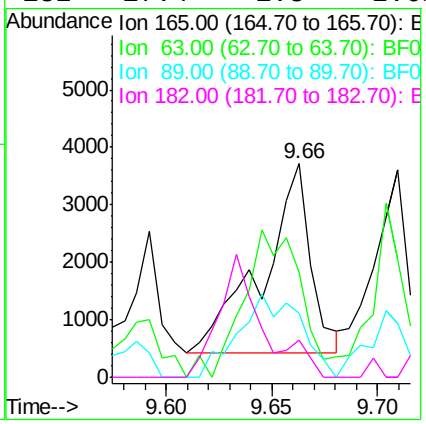


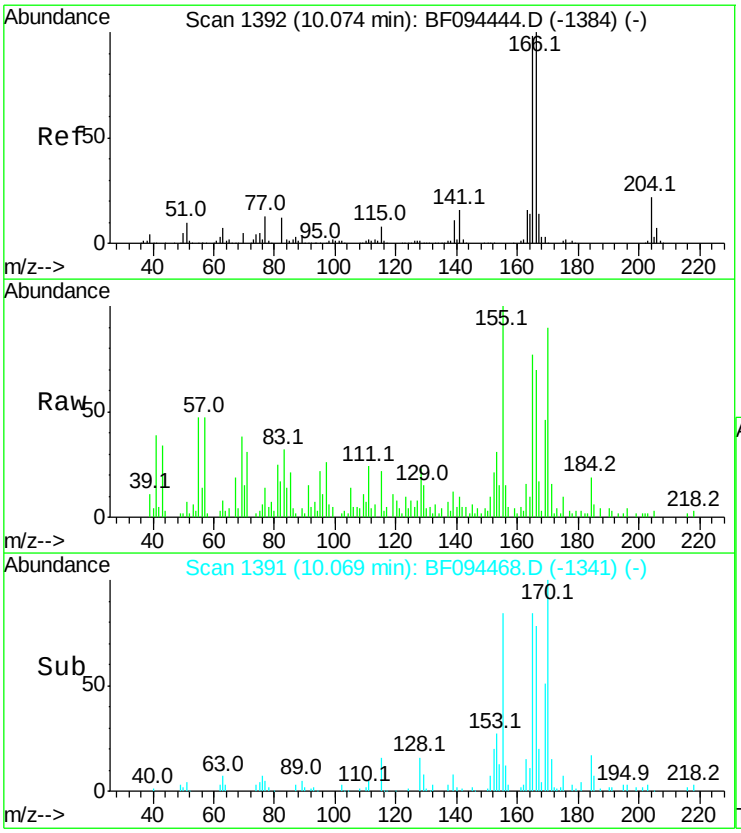
#56
2,4-Dinitrotoluene
Concen: 0.92 ng
RT: 9.66 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 5208

Ion	Ratio	Lower	Upper
165	100		
63	49.4	25.4	38.0#
89	30.1	46.4	69.6#
182	17.4	1.8	2.6#

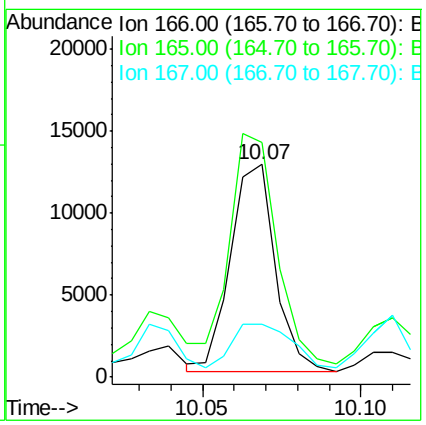


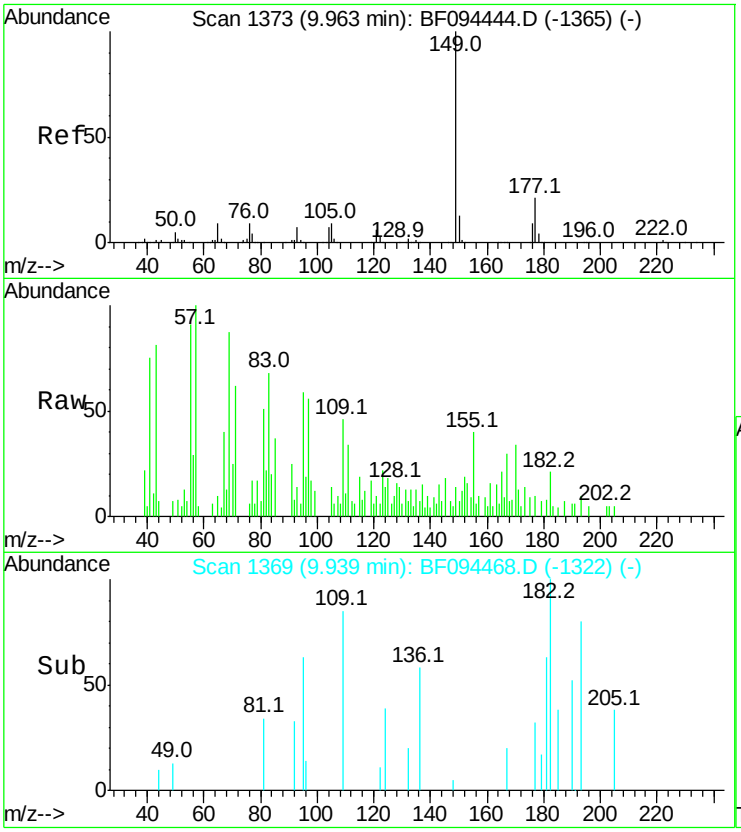


#57
Fluorene
Concen: 0.65 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:166 Resp: 12360

Ion	Ratio	Lower	Upper
166	100		
165	110.3	78.8	118.2
167	24.9	10.6	16.0#



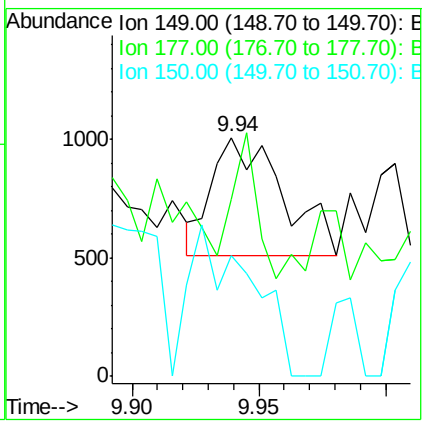


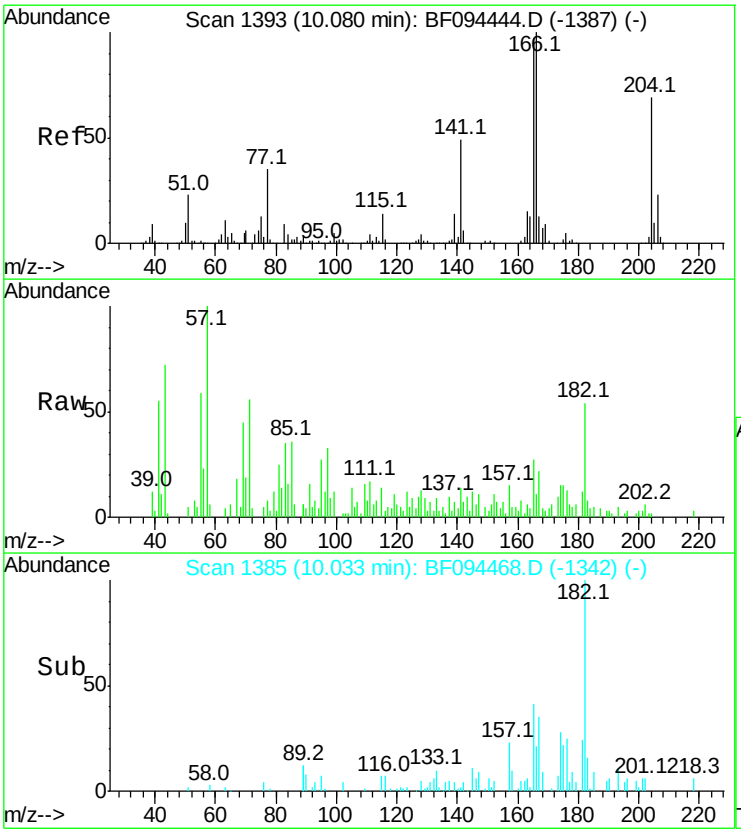
#59
Diethylphthalate
Concen: 0.05 ng
RT: 9.94 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 972

Ion	Ratio	Lower	Upper
149	100		
177	74.1	16.7	25.1#
150	50.8	10.2	15.2#

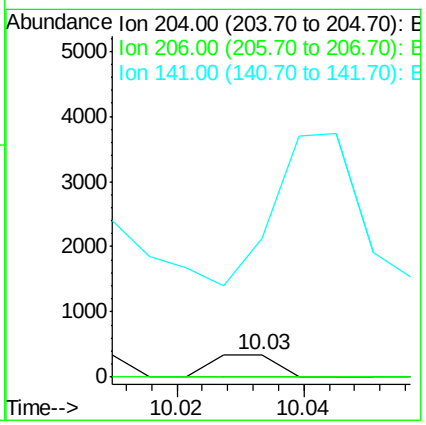


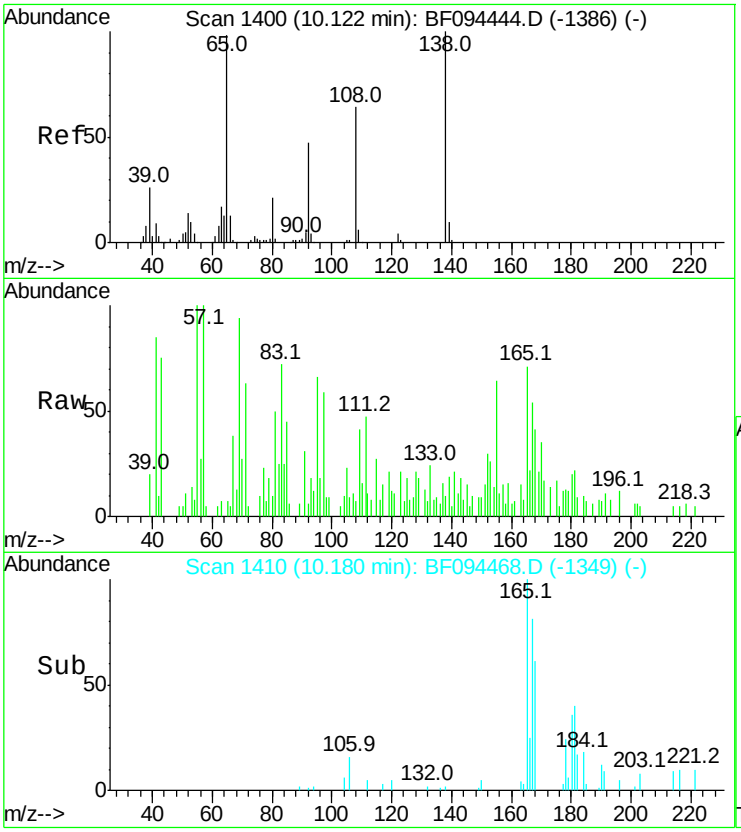


#60
4-Chlorophenyl-phenylether
Concen: 0.03 ng
RT: 10.03 min Scan# 1385
Delta R.T. -0.05 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:204 Resp: 244

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.2	39.2#
141	610.1	60.8	91.2#



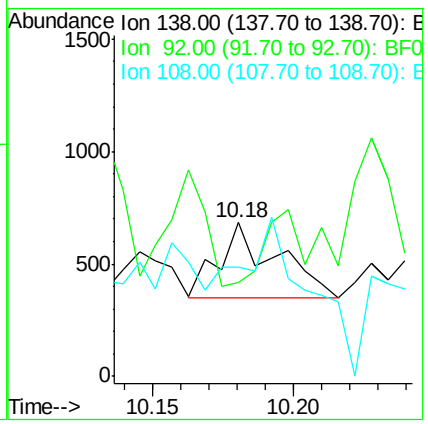


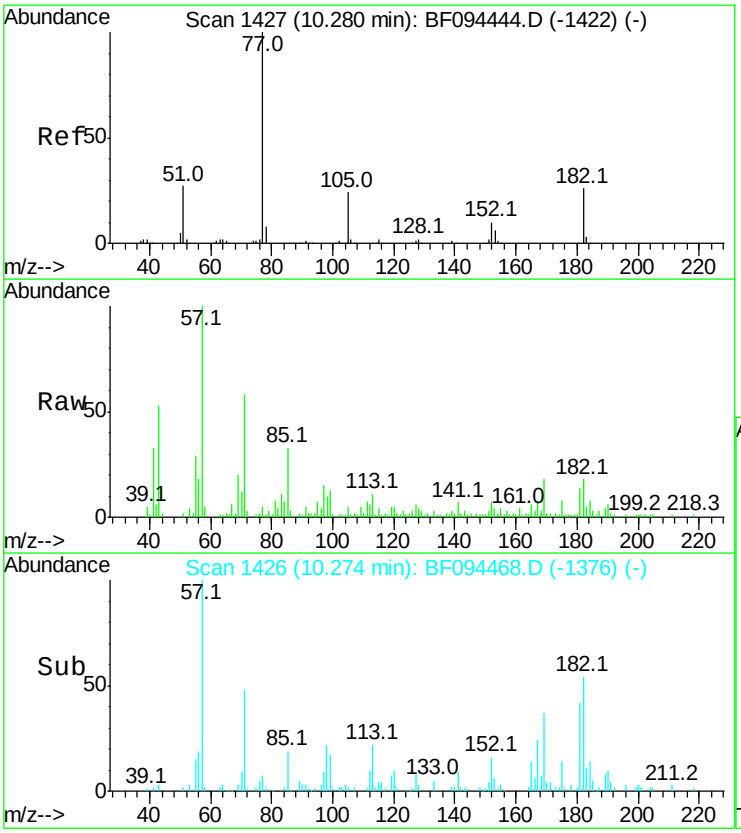
#61
4-Nitroaniline
Concen: 0.09 ng
RT: 10.18 min Scan# 1410
Delta R.T. 0.06 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 479

Ion	Ratio	Lower	Upper
138	100		
92	61.4	21.8	61.8
108	71.3	42.3	82.3

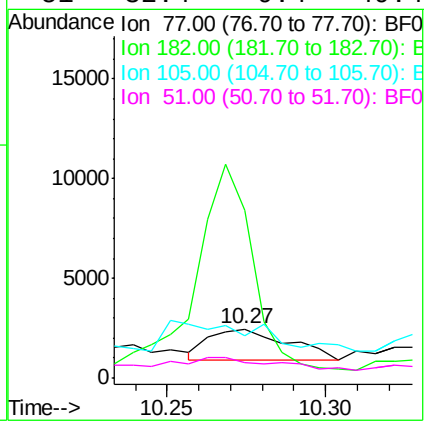


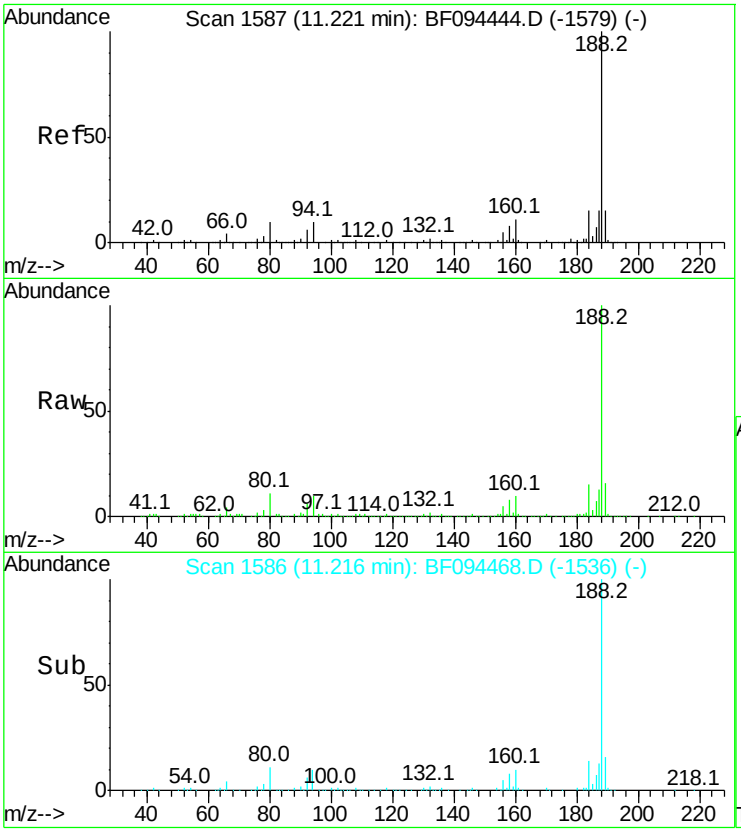


#62
Azobenzene
Concen: 0.14 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion: 77 Resp: 2604

Ion	Ratio	Lower	Upper
77	100		
182	341.4	0.1	40.1#
105	86.8	3.6	43.6#
51	32.4	9.4	49.4



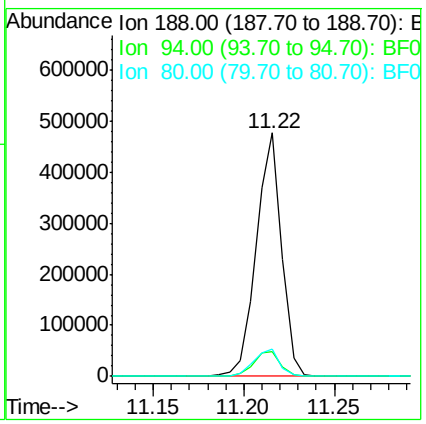


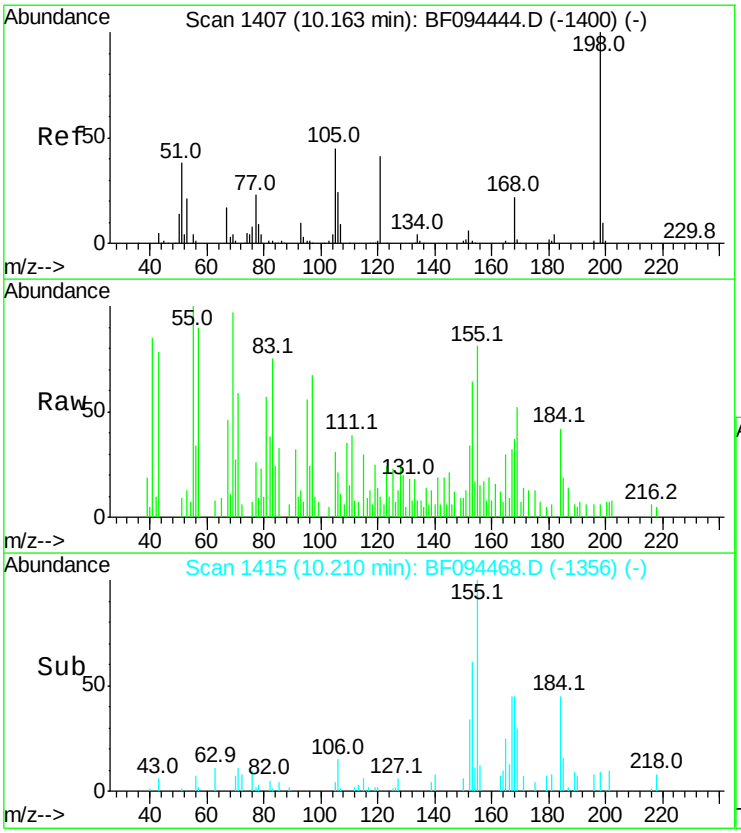
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 460559

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	11.0	10.2	15.2

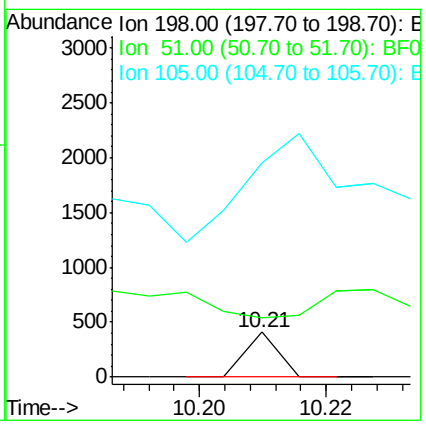


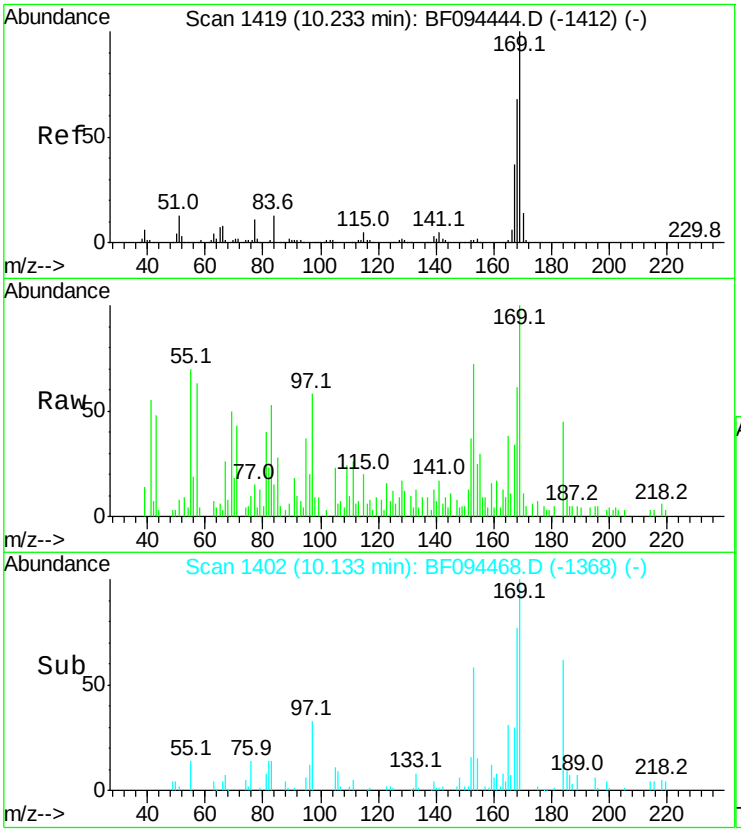


#64
4,6-Dinitro-2-methylphenol
Concen: 0.05 ng
RT: 10.21 min Scan# 1415
Delta R.T. 0.05 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:198 Resp: 145

Ion	Ratio	Lower	Upper
198	100		
51	132.8	53.2	93.2#
105	476.6	45.8	85.8#



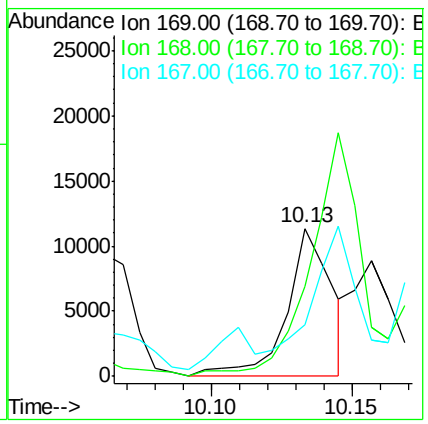


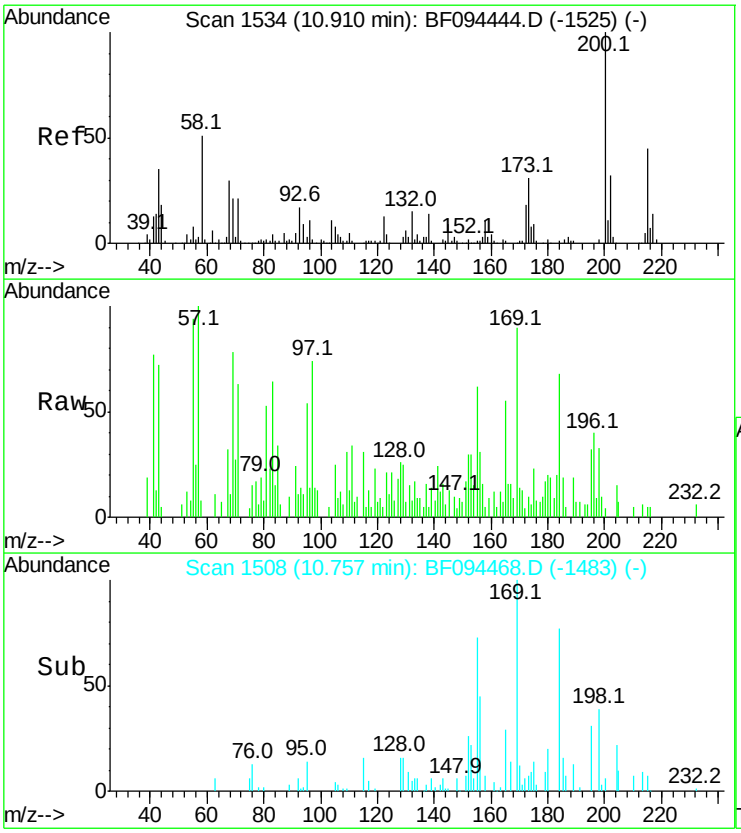
#65
n-Nitrosodiphenylamine
Concen: 0.78 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.10 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 12571

Ion	Ratio	Lower	Upper
169	100		
168	60.5	53.2	79.8
167	34.4	29.5	44.3

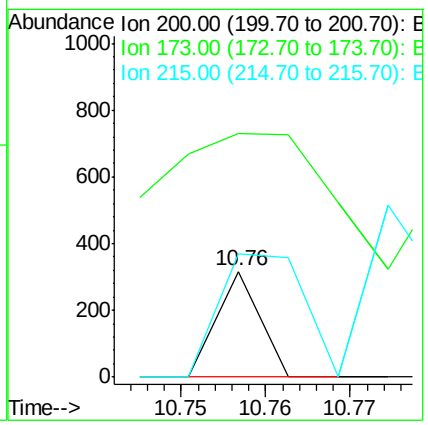


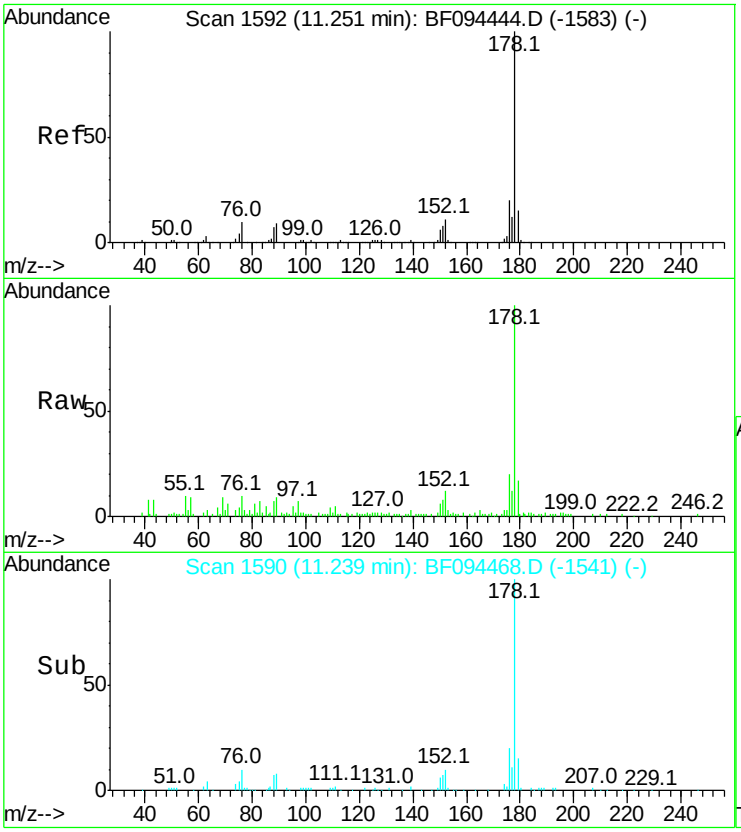


#68
Atrazine
Concen: 0.02 ng
RT: 10.76 min Scan# 1508
Delta R.T. -0.15 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:200 Resp: 112

Ion	Ratio	Lower	Upper
200	100		
173	230.7	6.3	46.3#
215	117.4	27.2	67.2#



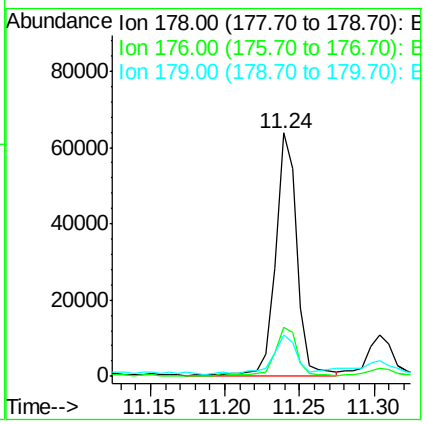


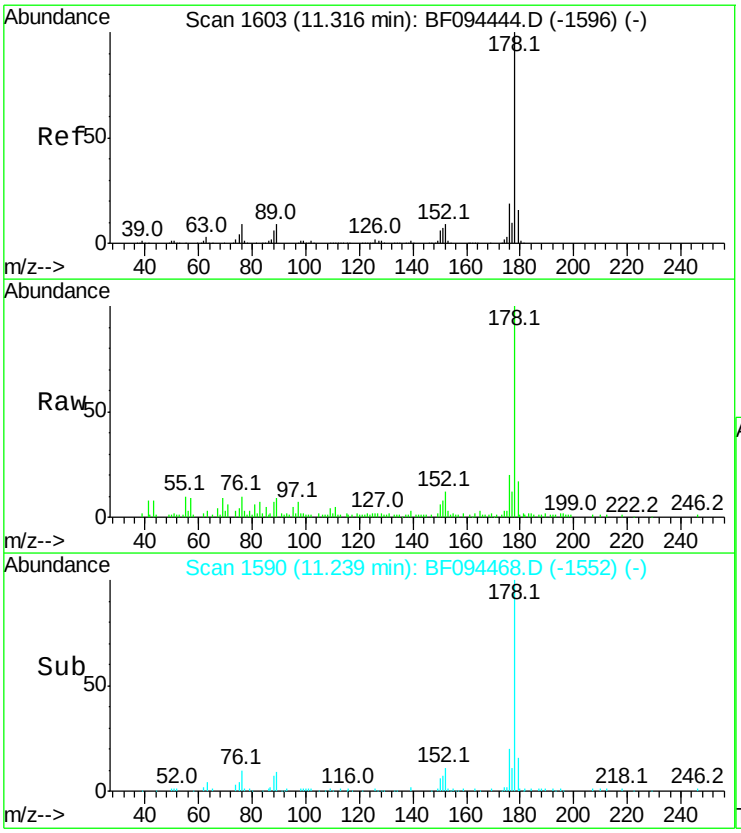
#70
Phenanthrene
Concen: 2.49 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 64646

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	16.7	12.6	19.0

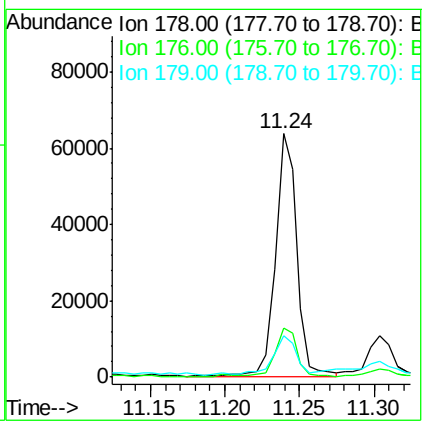


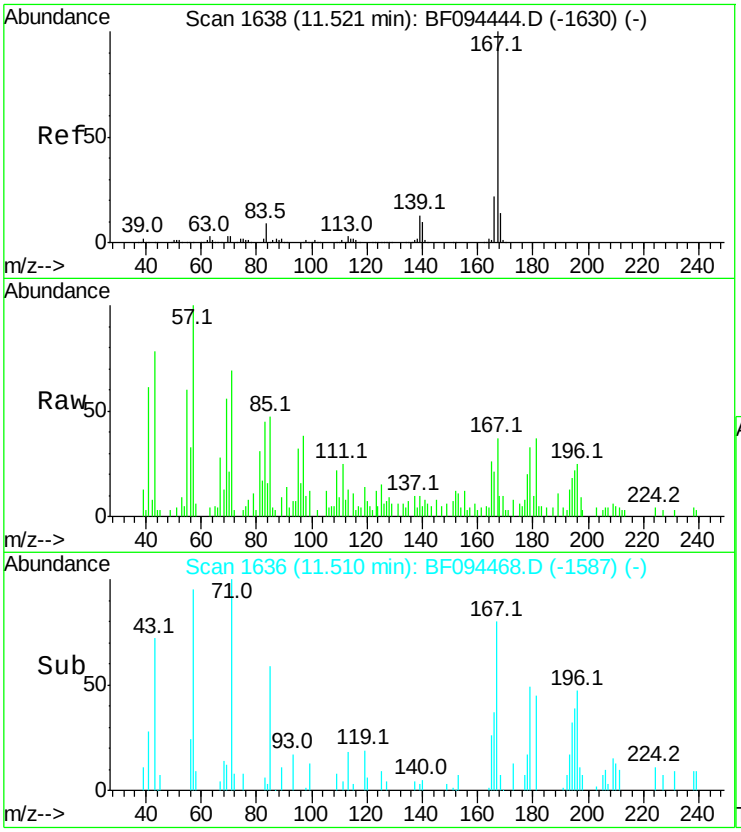


#71
Anthracene
Concen: 2.41 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.08 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:178 Resp: 64646

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	16.7	12.7	19.1



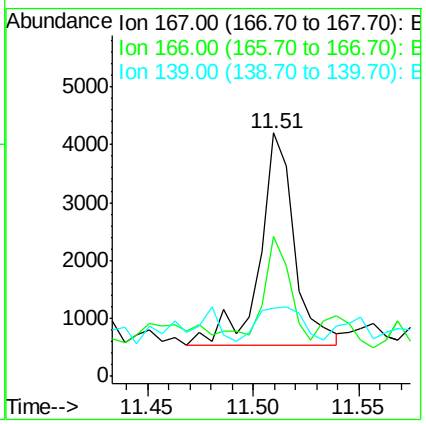


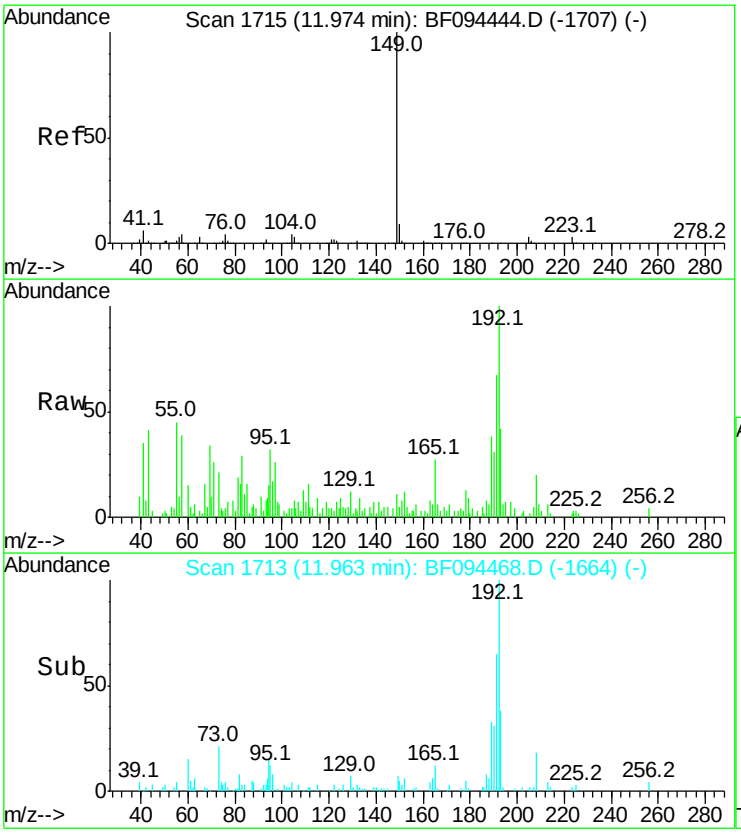
#72
Carbazole
Concen: 0.17 ng
RT: 11.51 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 4201

Ion	Ratio	Lower	Upper
167	100		
166	57.4	18.1	27.1#
139	27.9	11.7	17.5#

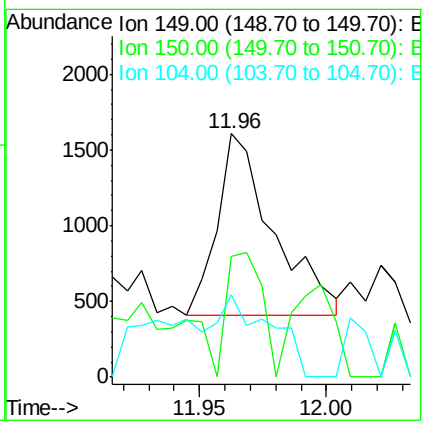


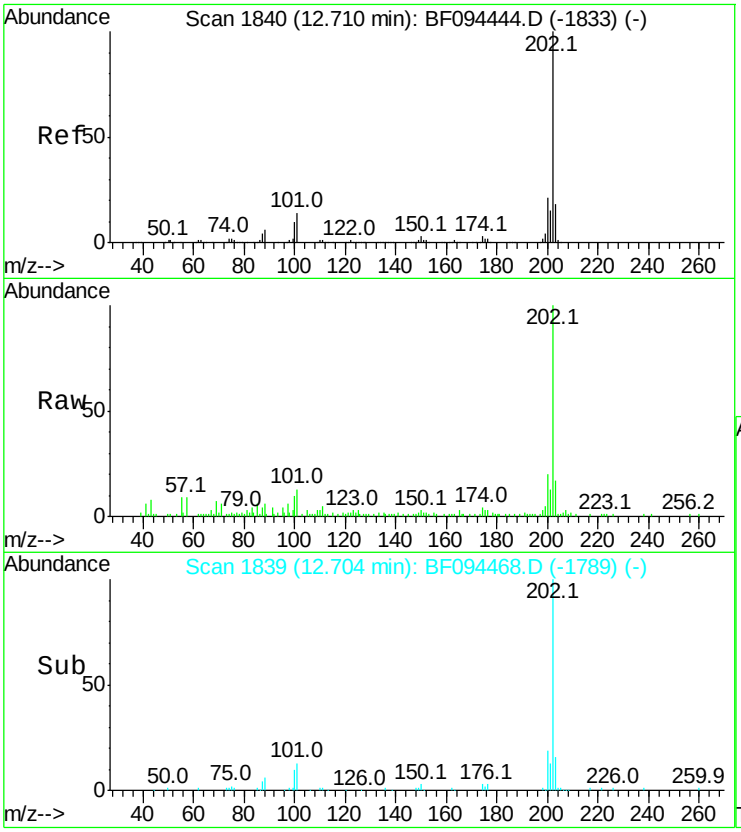


#73
Di-n-butylphthalate
Concen: 0.07 ng
RT: 11.96 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:149 Resp: 1847

Ion	Ratio	Lower	Upper
149	100		
150	49.5	7.7	11.5#
104	33.6	4.0	6.0#



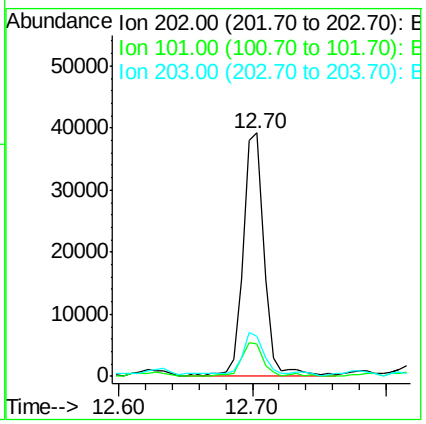


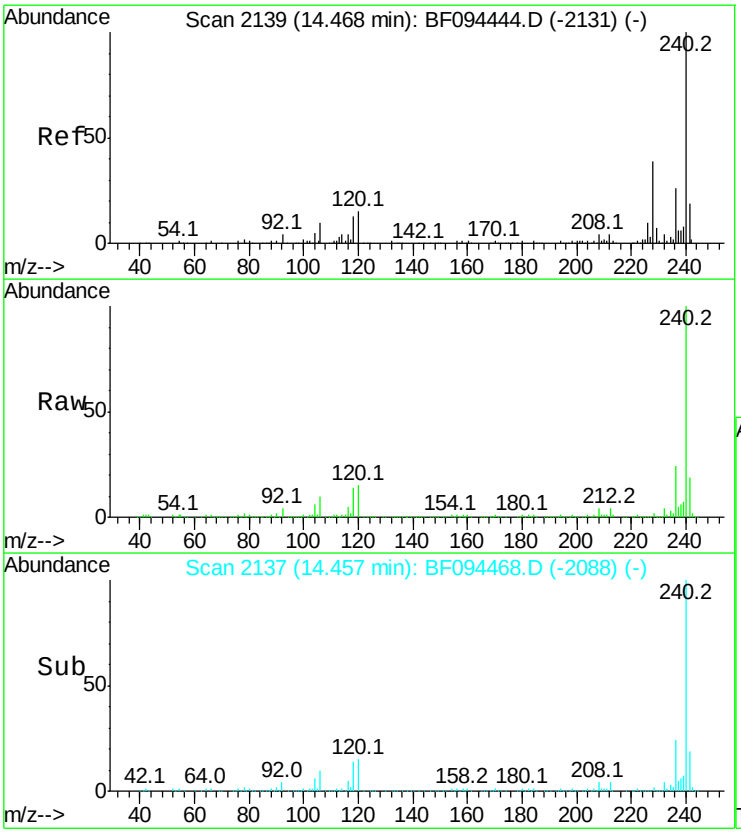
#74
Fluoranthene
Concen: 1.59 ng
RT: 12.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 42751

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	16.6	0.0	38.1

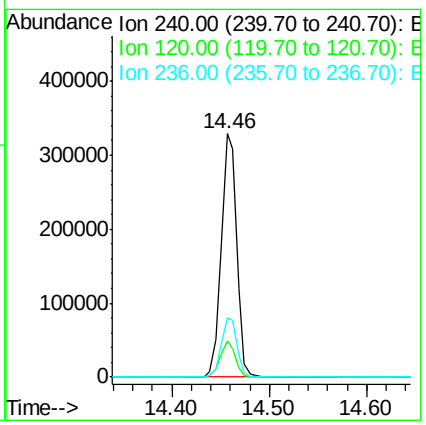


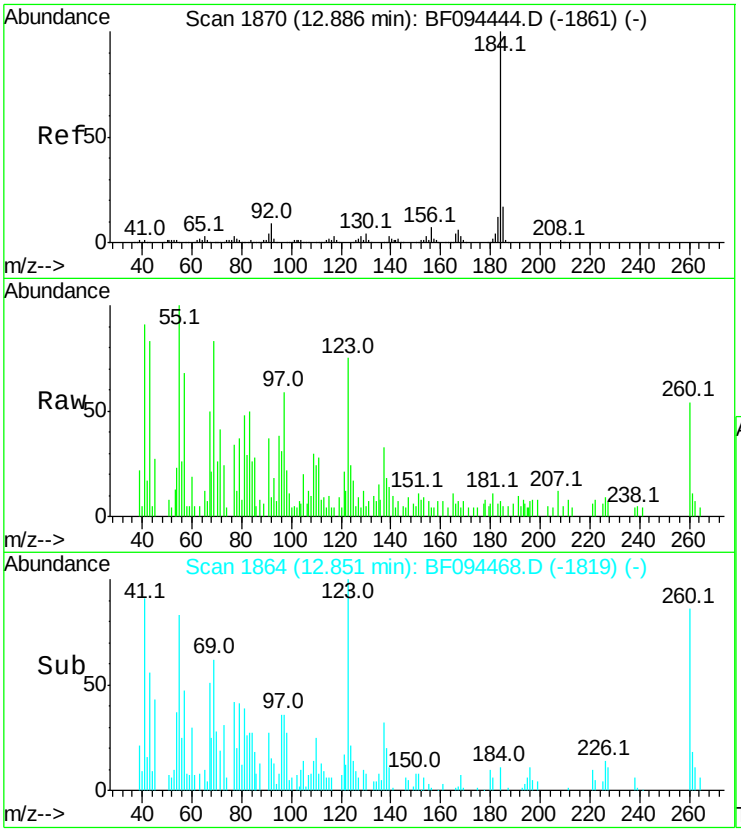


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:240 Resp: 360945

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.3	20.5	30.7



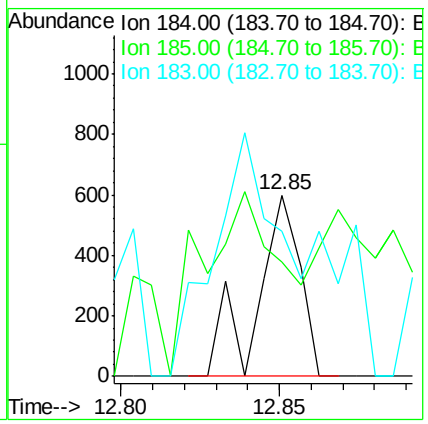


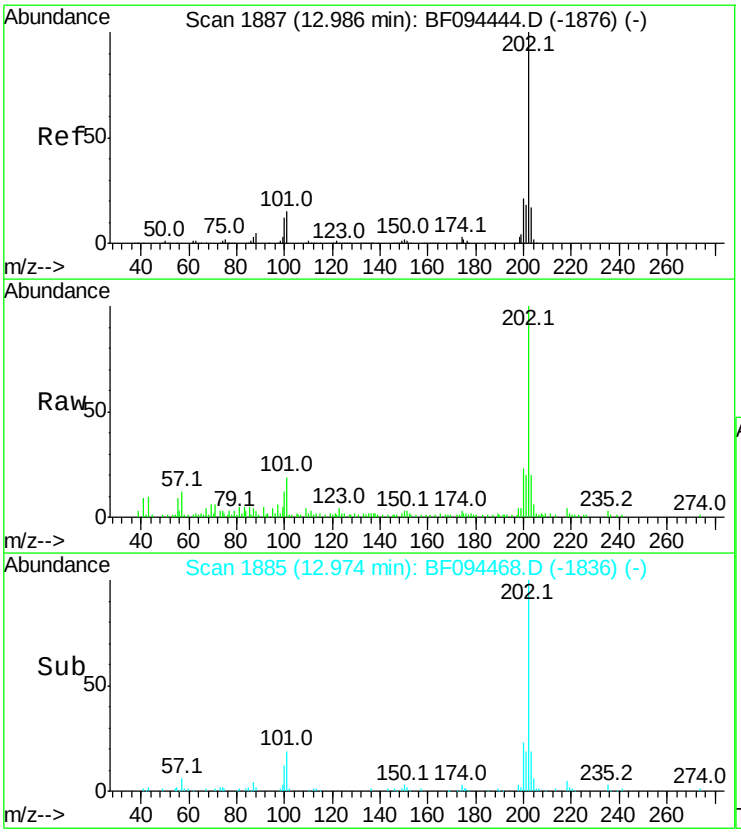
#76
Benzidine
Concen: 0.04 ng
RT: 12.85 min Scan# 1864
Delta R.T. -0.04 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 563

Ion	Ratio	Lower	Upper
184	100		
185	63.3	15.5	23.3#
183	80.2	9.8	14.6#

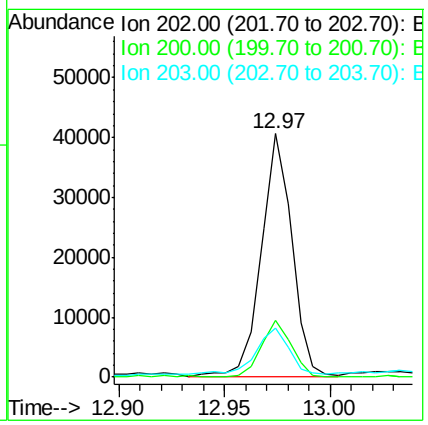


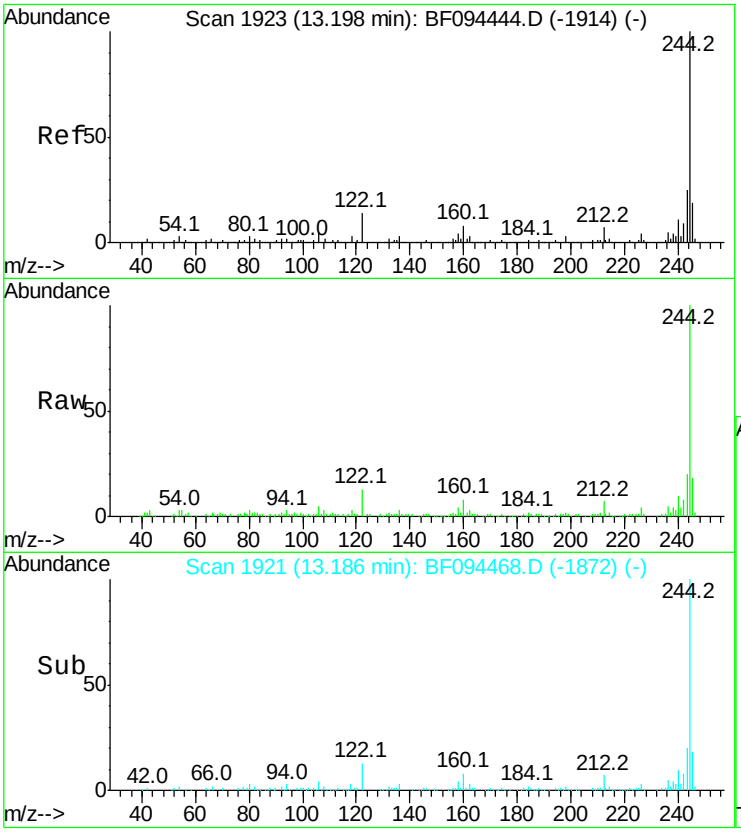


#77
Pyrene
Concen: 1.65 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:202 Resp: 41536

Ion	Ratio	Lower	Upper
202	100		
200	23.4	17.6	26.4
203	20.1	14.4	21.6



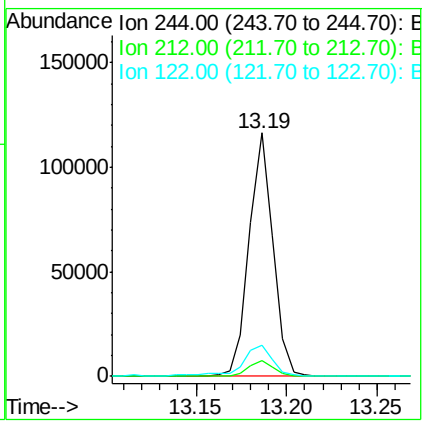


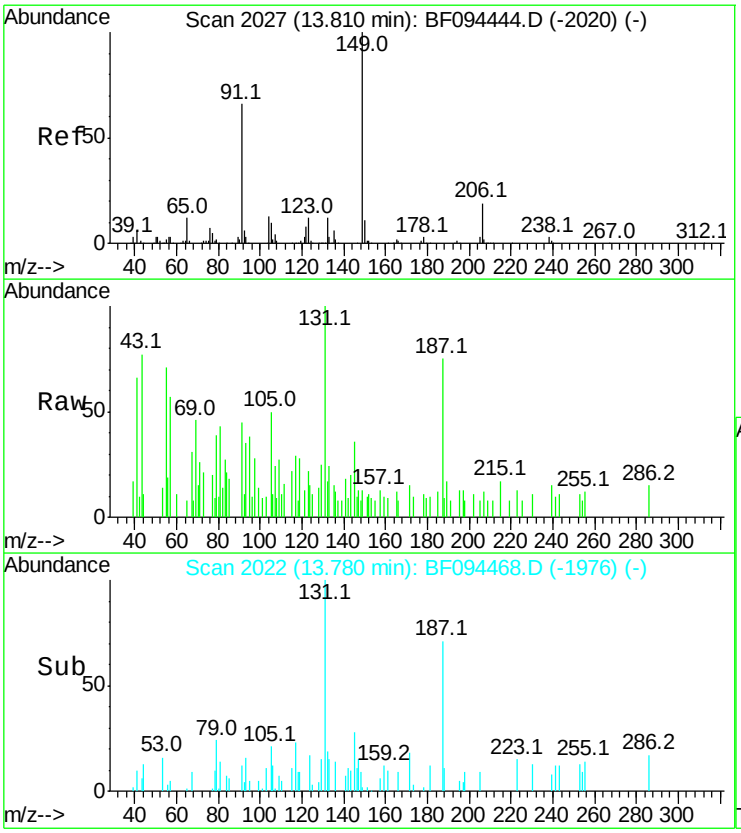
#78
Terphenyl-d14
Concen: 7.90 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 106711

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	12.8	10.3	15.5

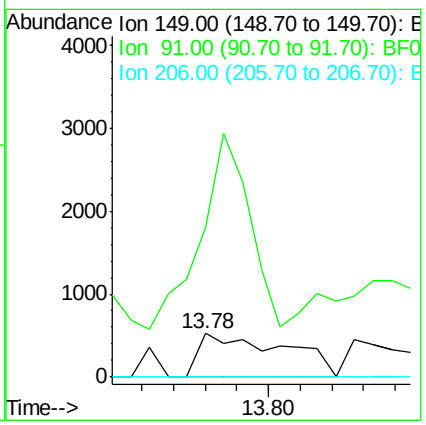


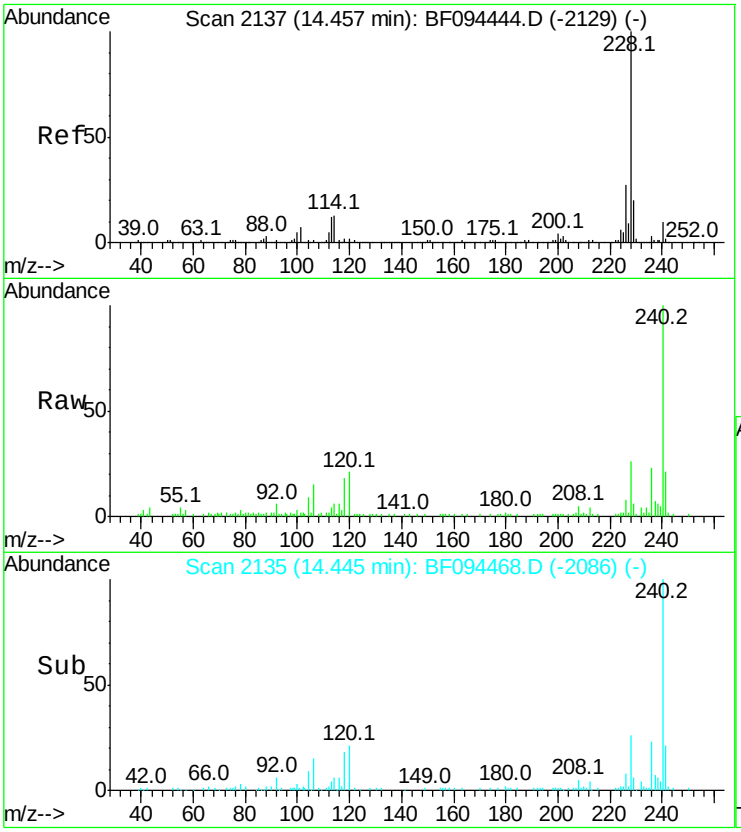


#79
Butylbenzylphthalate
Concen: 0.09 ng
RT: 13.78 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:149 Resp: 981

Ion	Ratio	Lower	Upper
149	100		
91	341.5	45.0	67.4#
206	0.0	17.0	25.6#



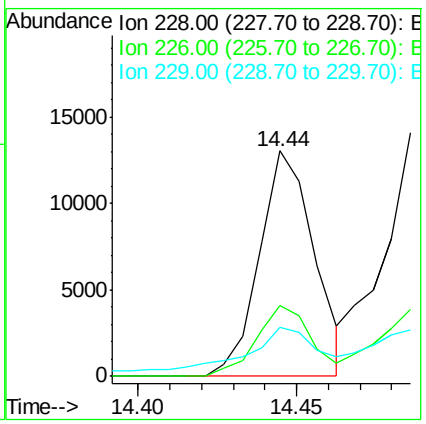


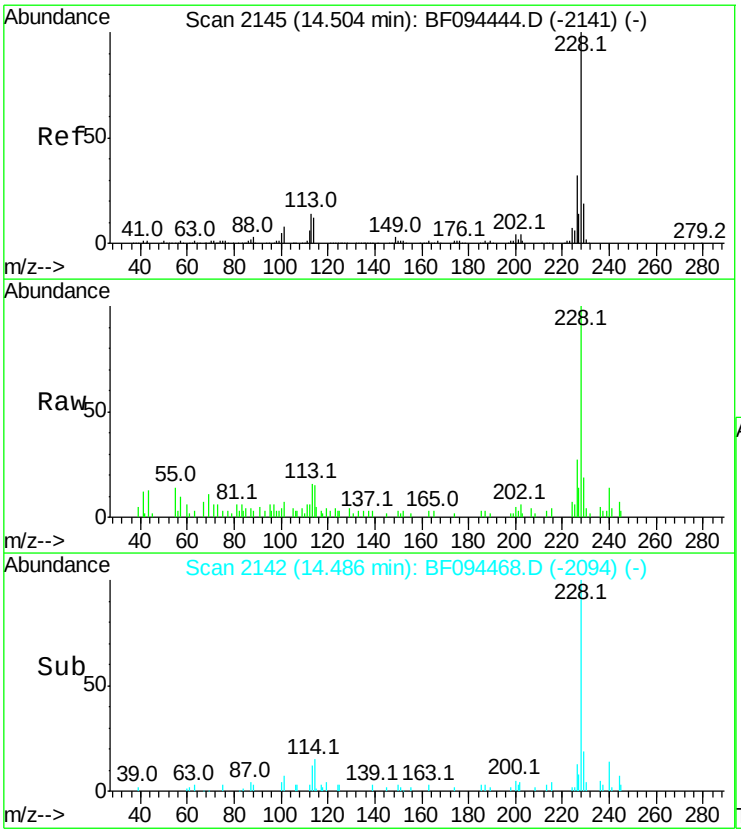
#80
Benzo(a)anthracene
Concen: 0.75 ng
RT: 14.44 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 15688

Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	21.5	16.3	24.5

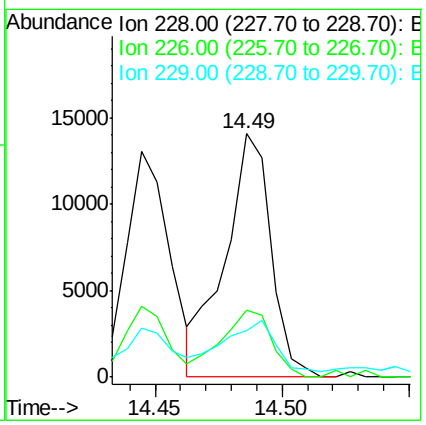


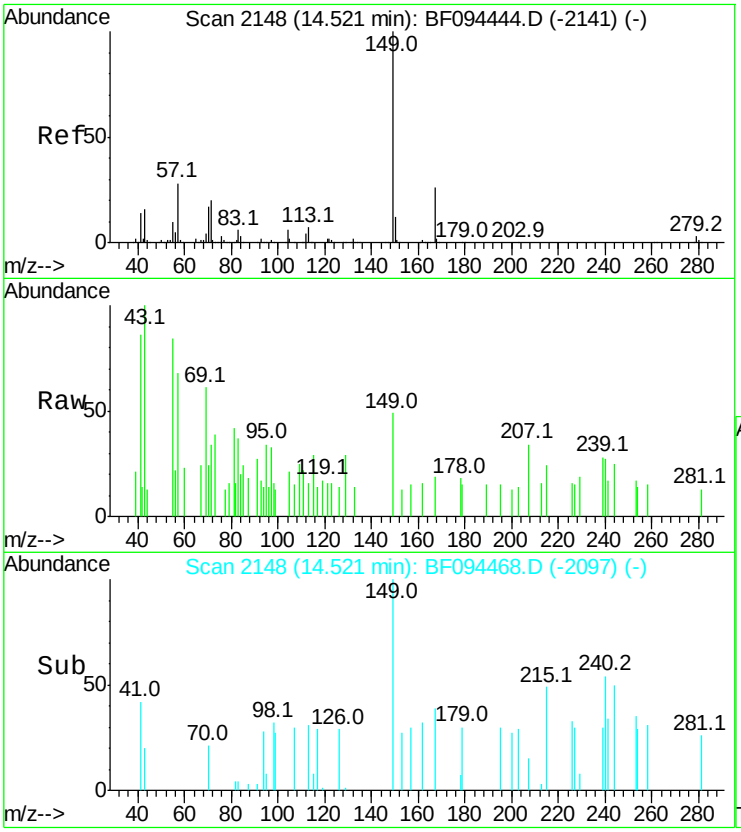


#82
Chrysene
Concen: 0.92 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:228 Resp: 17733

Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.9	37.3
229	19.2	15.8	23.6



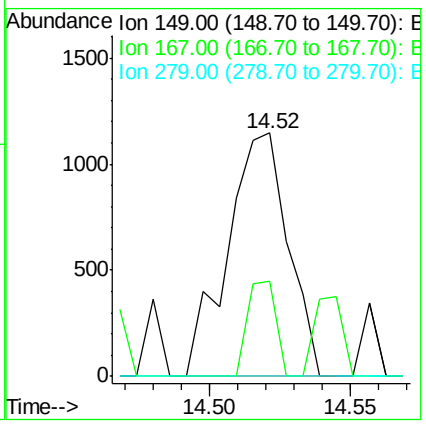


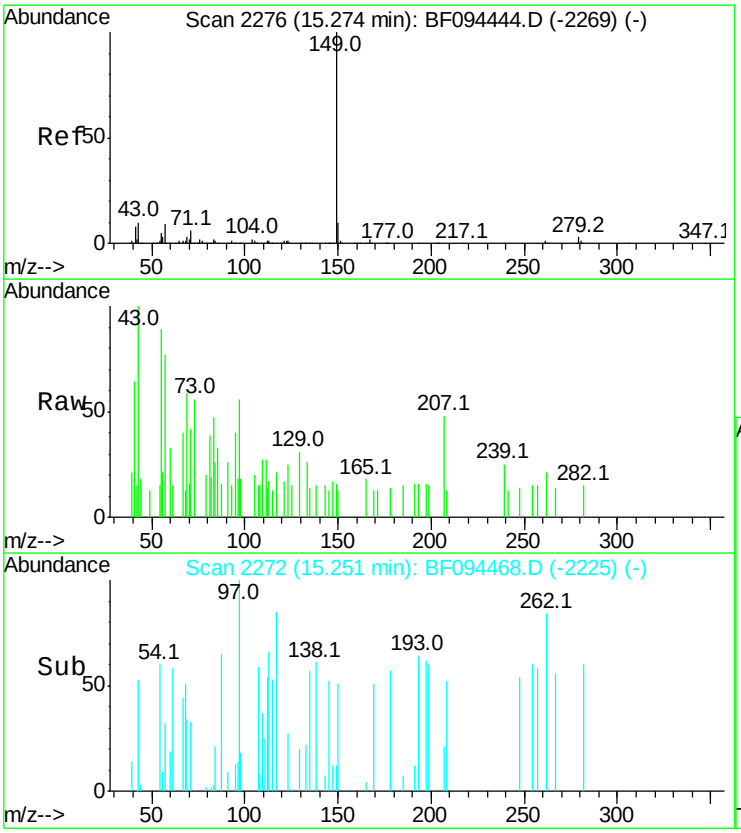
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 14.52 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1713

Ion	Ratio	Lower	Upper
149	100		
167	39.1	21.0	31.4#
279	0.0	1.9	2.9#

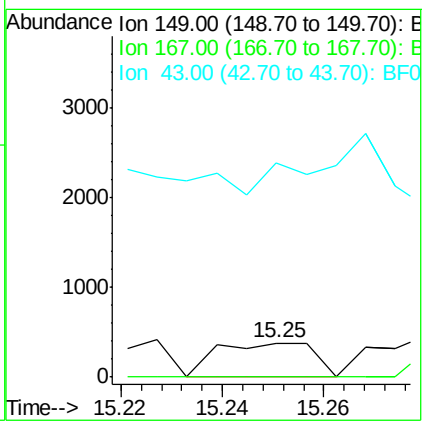


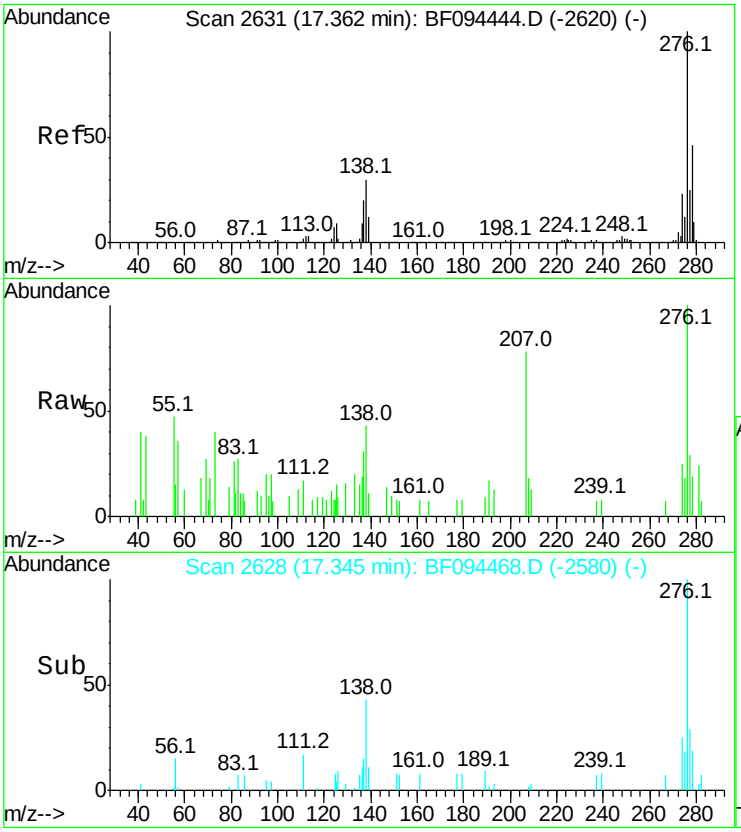


#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 15.25 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:149 Resp: 510

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



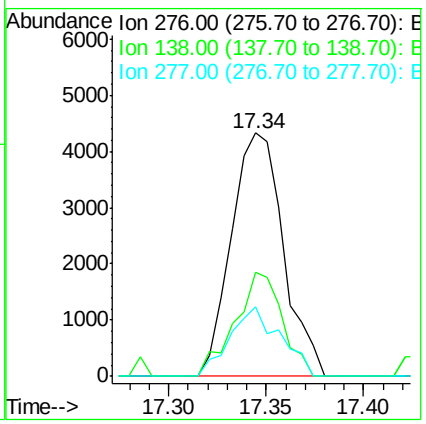


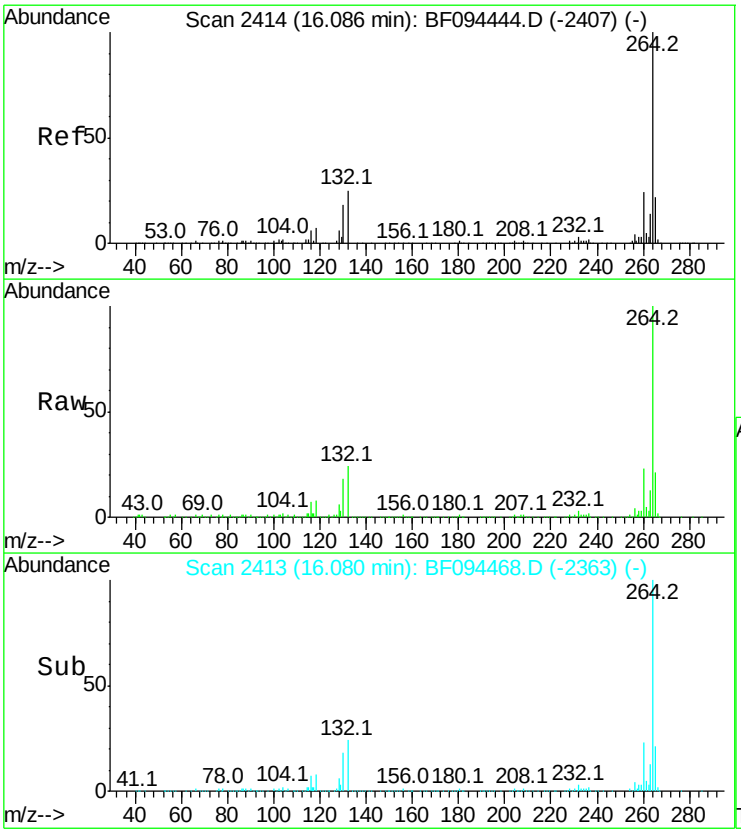
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.44 ng
RT: 17.34 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 7985

Ion	Ratio	Lower	Upper
276	100		
138	38.6	27.8	41.6
277	27.6	20.2	30.4

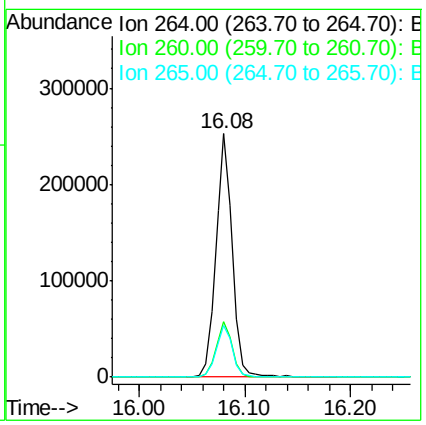


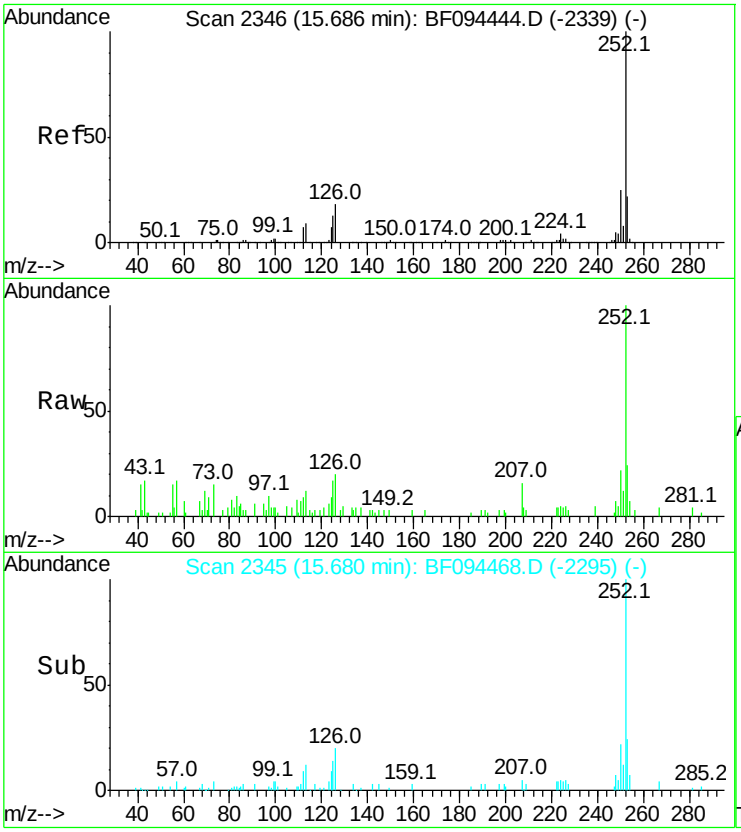


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:264 Resp: 274366

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.4	17.2	25.8



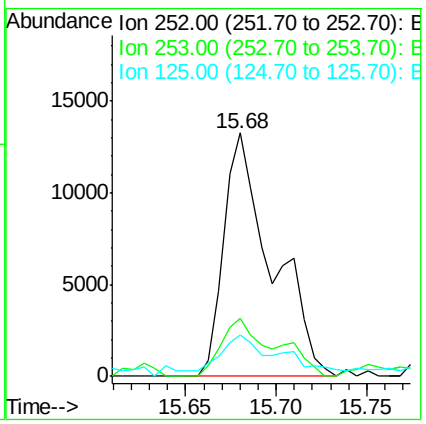


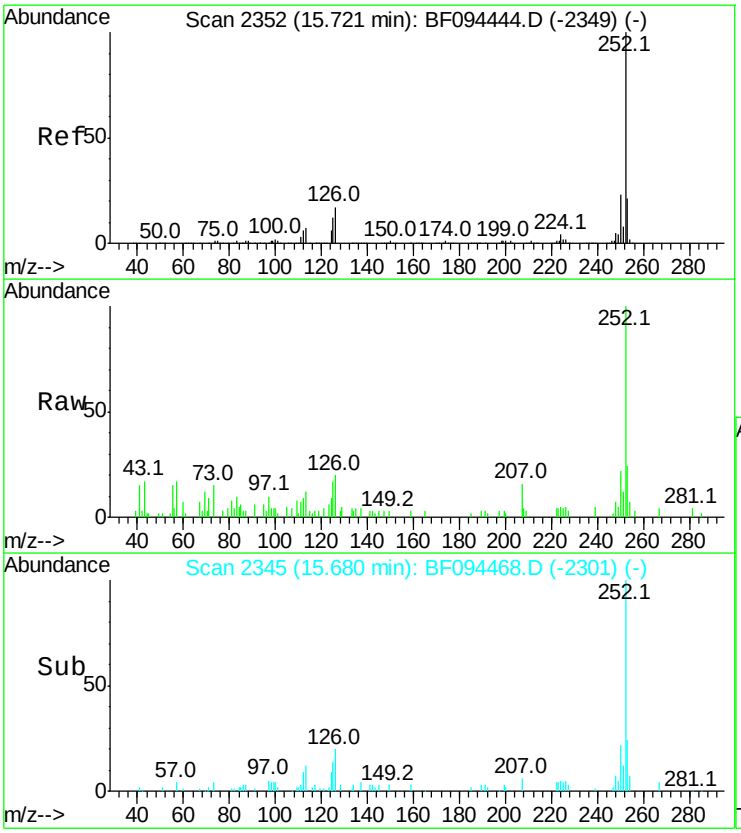
#87
Benzo(b)fluoranthene
Concen: 1.45 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 24373

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	16.8	9.8	14.8#

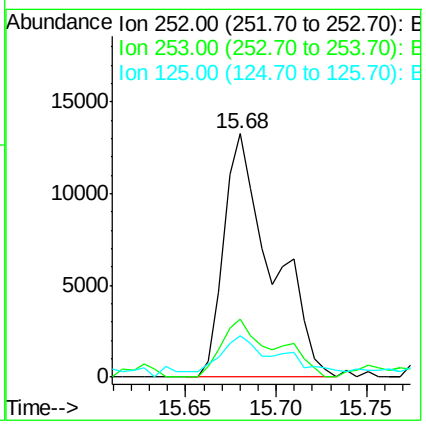


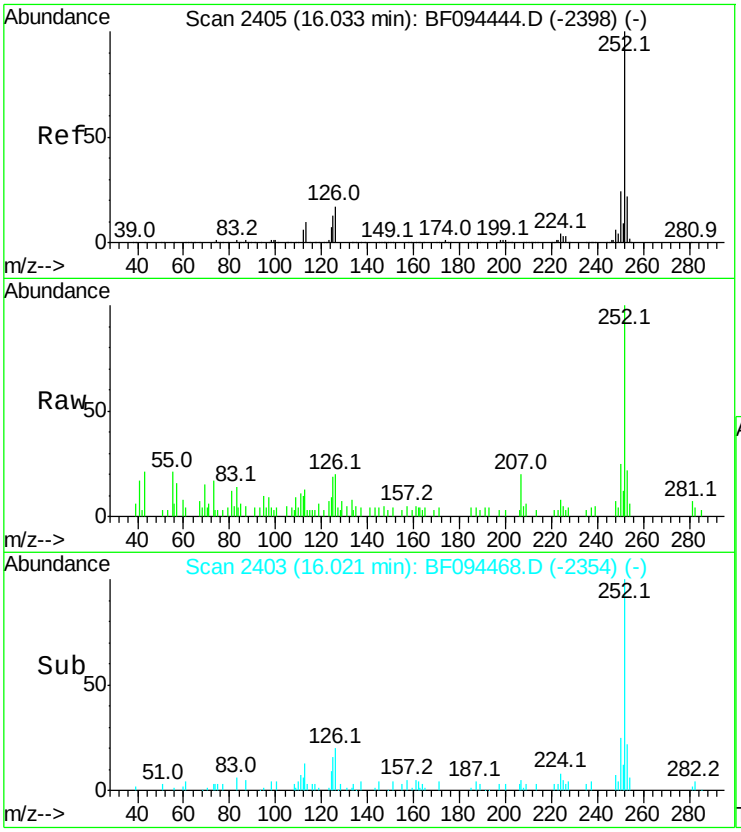


#88
Benzo(k)fluoranthene
Concen: 1.53 ng
RT: 15.68 min Scan# 2345
Delta R.T. -0.04 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:252 Resp: 24373

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	16.8	13.1	19.7



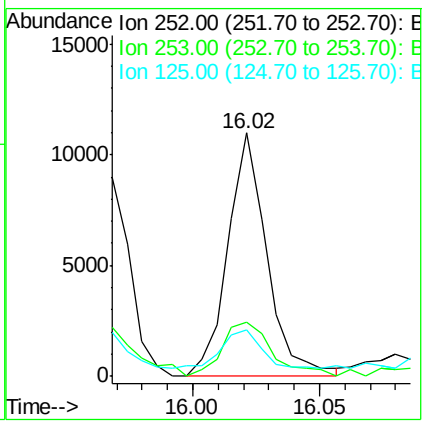


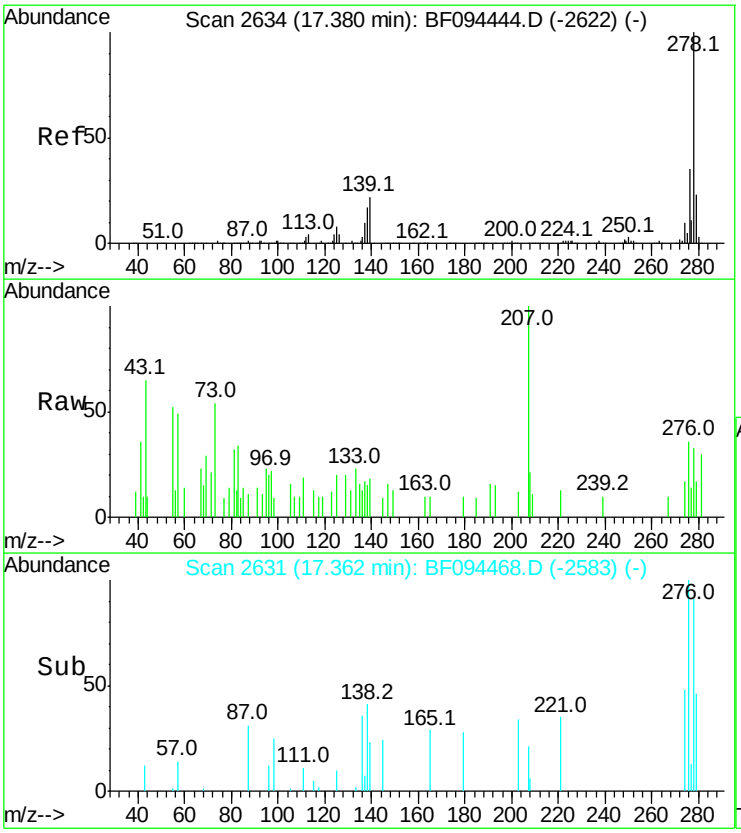
#89
Benzo(a)pyrene
Concen: 0.76 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 11796

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	19.1	11.0	16.4#

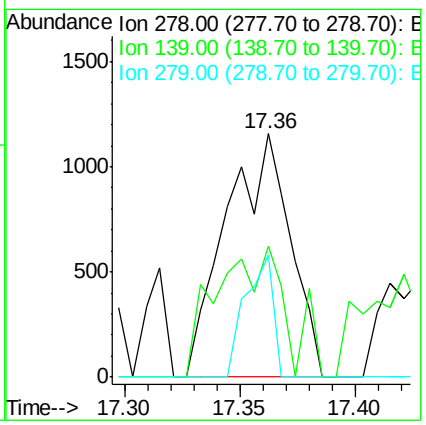


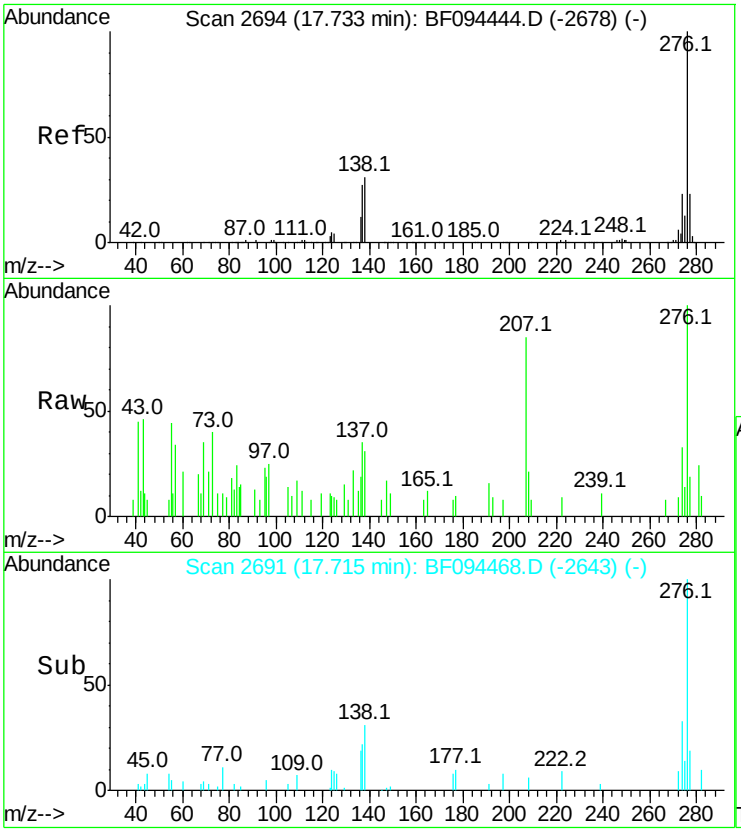


#90
Dibenzo(a,h)anthracene
Concen: 0.17 ng
RT: 17.36 min Scan# 2631
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Tgt Ion:278 Resp: 2237

Ion	Ratio	Lower	Upper
278	100		
139	53.5	16.6	24.8#
279	50.3	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 0.56 ng
RT: 17.72 min Scan# 2691
Delta R.T. -0.02 min
Lab File: BF094468.D
Acq: 17 Apr 2017 23:53

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 7458

Ion	Ratio	Lower	Upper
276	100		
277	19.2	18.6	28.0
138	31.0	25.4	38.0