Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094456.D
Acq On : 17 Apr 2017 18:23
Operator : SJ/MA
Sample : I2708-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:16:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	143424	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	590462	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	276692	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	502355	20.00	ng		0.00
75) Chrysene-d12	14.46	240	439708	20.00	ng		-0.01
86) Perylene-d12	16.08	264	307115	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	1116025	129.10	ng		0.00
7) Phenol-d6	5.39	99	1471529	144.39	ng		0.00
23) Nitrobenzene-d5	6.41	82	922667	96.49	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	275348	127.23	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1118779	59.49	ng		0.00
78) Terphenyl-d14	13.19	244	853114	51.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	109	0.02	ng	#	1
6) Aniline	5.40	93	577	0.04	ng	#	1
8) 2-Chlorophenol	5.53	128	1172	0.12	ng	#	66
9) Benzaldehyde	5.32	77	1000	0.13	ng	#	1
10) Phenol	5.40	94	18931	1.51	ng		88
11) bis(2-Chloroethyl)ether	5.47	93	550	0.06	ng	#	82
12) 1,3-Dichlorobenzene	5.94	146	127	0.01	ng	#	1
13) 1,4-Dichlorobenzene	5.94	146	127	0.01	ng	#	1
14) 1,2-Dichlorobenzene	5.94	146	127	0.01	ng	#	1
15) Benzyl Alcohol	5.93	79	13006	1.72	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	5.97	45	996	0.08	ng		70
17) 2-Methylphenol	5.93	107	280	0.04	ng	#	1
18) Hexachloroethane	6.39	117	213	0.06	ng	#	1
19) n-Nitroso-di-n-propylamine	6.41	70	120695	17.87	ng	#	77
22) Acetophenone	6.22	105	890	0.06	ng	#	46
24) Nitrobenzene	6.41	77	2572	0.26	ng	#	33
25) Isophorone	6.99	82	1091	0.06	ng	#	67
31) Naphthalene	7.28	128	1944	0.07	ng	#	78
33) 4-Chloroaniline	7.28	127	264	0.02	ng	#	44
37) 2-Methylnaphthalene	8.12	142	2214	0.11	ng		92
45) 1,1'-Biphenyl	8.70	154	1056	0.05	ng		86
47) 2-Nitroaniline	9.08	65	6609	1.28	ng	#	1
48) Acenaphthylene	9.39	152	255	0.01	ng	#	60
49) Dimethylphthalate	9.09	163	737126	35.75	ng		98
50) 2,6-Dinitrotoluene	9.08	165	8286	1.79	ng	#	9
51) Acenaphthene	9.39	154	684	0.04	ng	#	20
54) Dibenzofuran	9.65	168	462	0.02	ng	#	45
56) 2,4-Dinitrotoluene	9.39	165	36817	6.48	ng	#	33
59) Diethylphthalate	9.95	149	2938	0.15	ng	#	83
62) Azobenzene	10.26	77	683	0.04	ng	#	26
64) 4,6-Dinitro-2-methylphenol	10.37	198	551	0.17	ng	#	1
65) n-Nitrosodiphenylamine	10.37	169	10558	0.60	ng	#	47
70) Phenanthrene	11.24	178	2425	0.09	ng	#	73
71) Anthracene	11.30	178	416	0.01	ng	#	59

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094456.D
Acq On : 17 Apr 2017 18:23
Operator : SJ/MA
Sample : I2708-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 18 01:16:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	11.52	167	148	0.01	ng	#	58
73) Di-n-butylphthalate	11.97	149	6580	0.22	ng	#	88
74) Fluoranthene	12.70	202	934	0.03	ng		62
77) Pyrene	12.97	202	765	0.02	ng	#	43
79) Butylbenzylphthalate	13.81	149	1328	0.10	ng	#	40
80) Benzo(a)anthracene	14.46	228	1605	0.06	ng	#	50
82) Chrysene	14.49	228	375	0.02	ng	#	49
83) Bis(2-ethylhexyl)phthalate	14.52	149	1980	0.11	ng	#	98
84) Di-n-octyl phthalate	15.26	149	112	0.00	ng	#	1
87) Benzo(b)fluoranthene	15.69	252	390	0.02	ng	#	1
88) Benzo(k)fluoranthene	15.69	252	390	0.02	ng	#	3
89) Benzo(a)pyrene	16.08	252	1094	0.06	ng	#	71

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

Quantitation Report (Not Reviewed)

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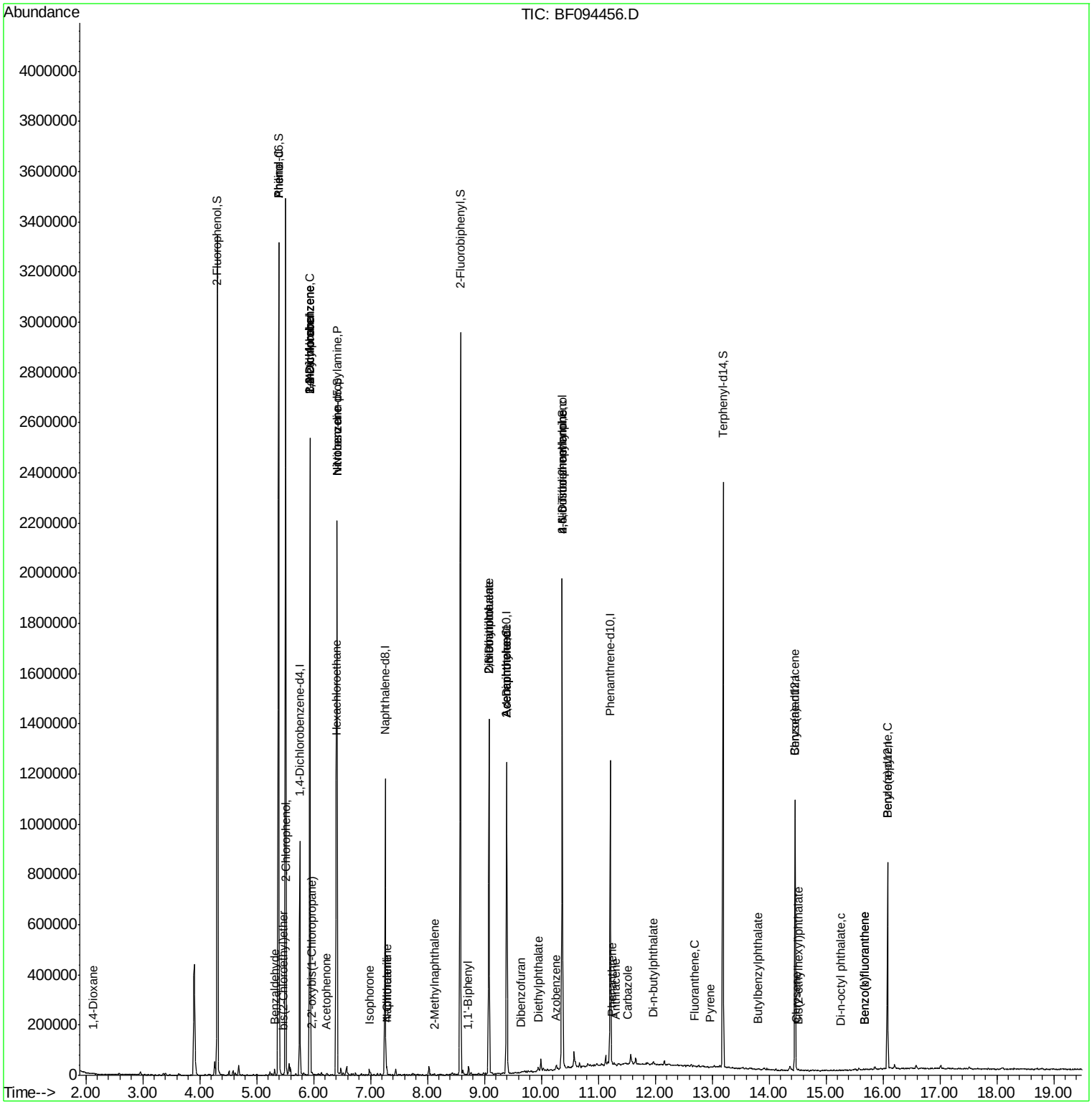
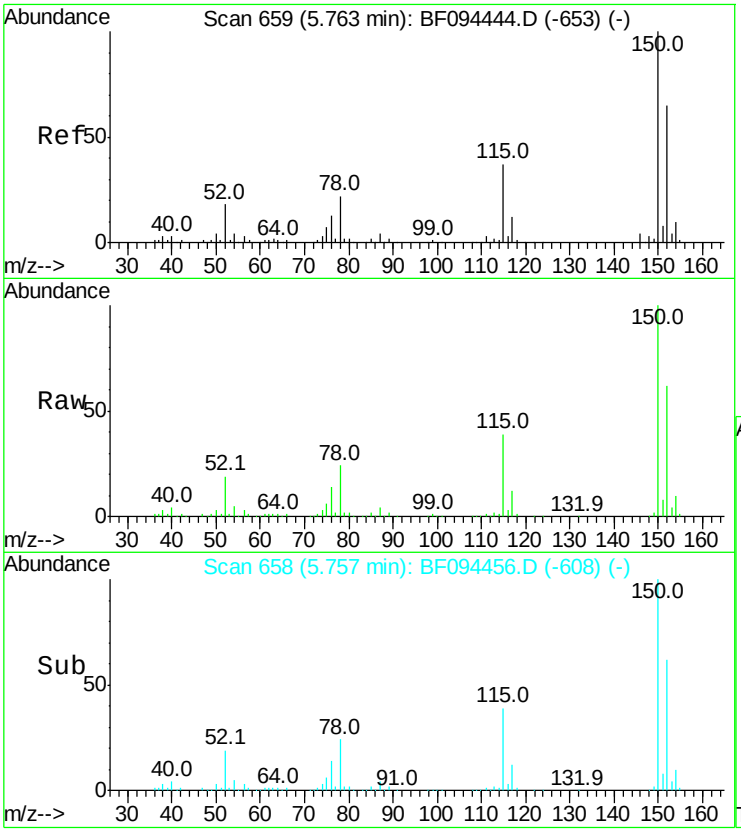


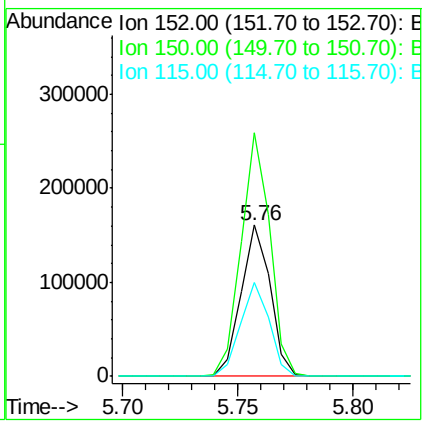


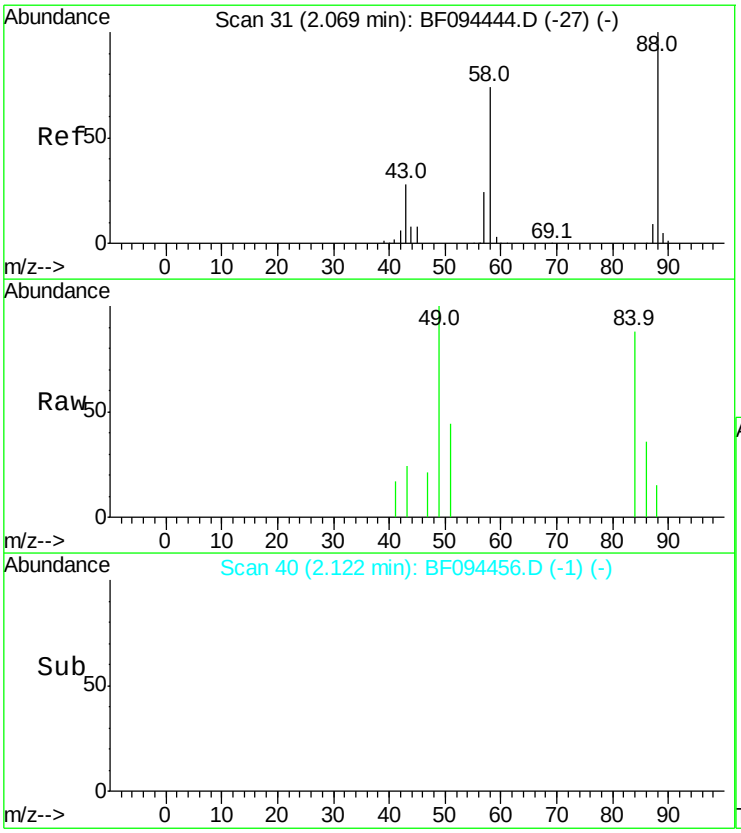
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 143424

Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	62.3	52.2	78.2

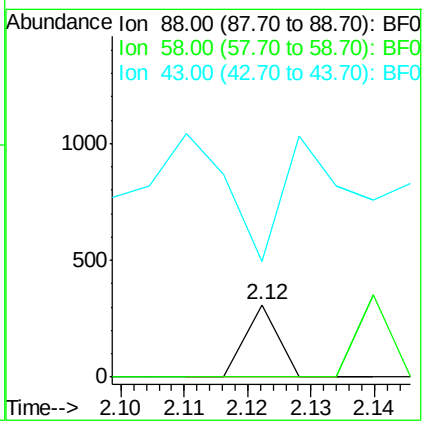


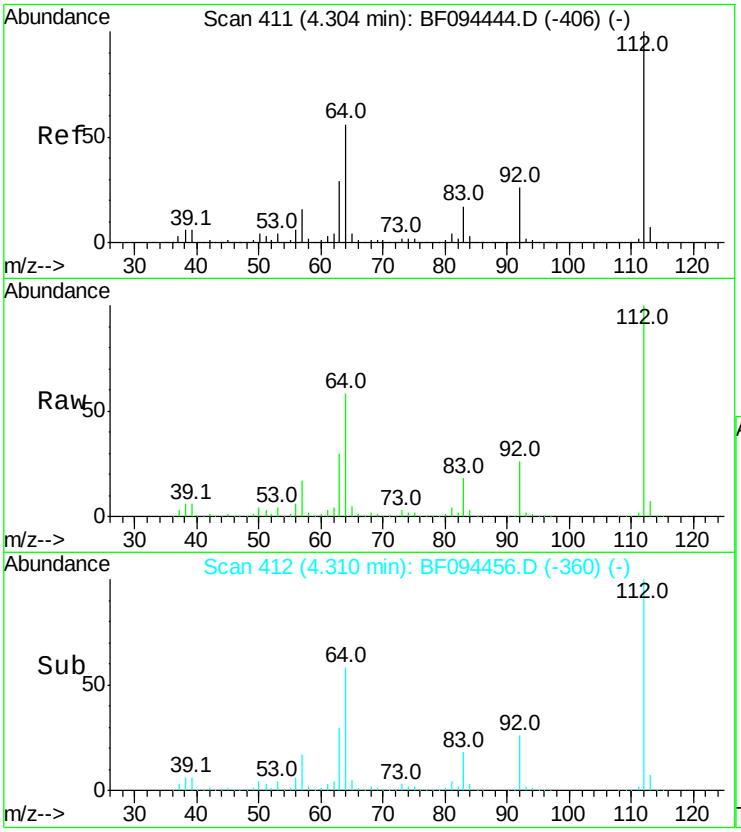


#2
1,4-Dioxane
Concen: 0.02 ng
RT: 2.12 min Scan# 40
Delta R.T. 0.05 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 88 Resp: 109

Ion	Ratio	Lower	Upper
88	100		
58	114.7	61.4	92.0#
43	362.4	23.4	35.0#



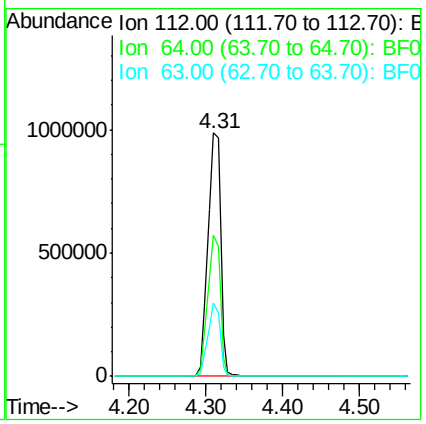


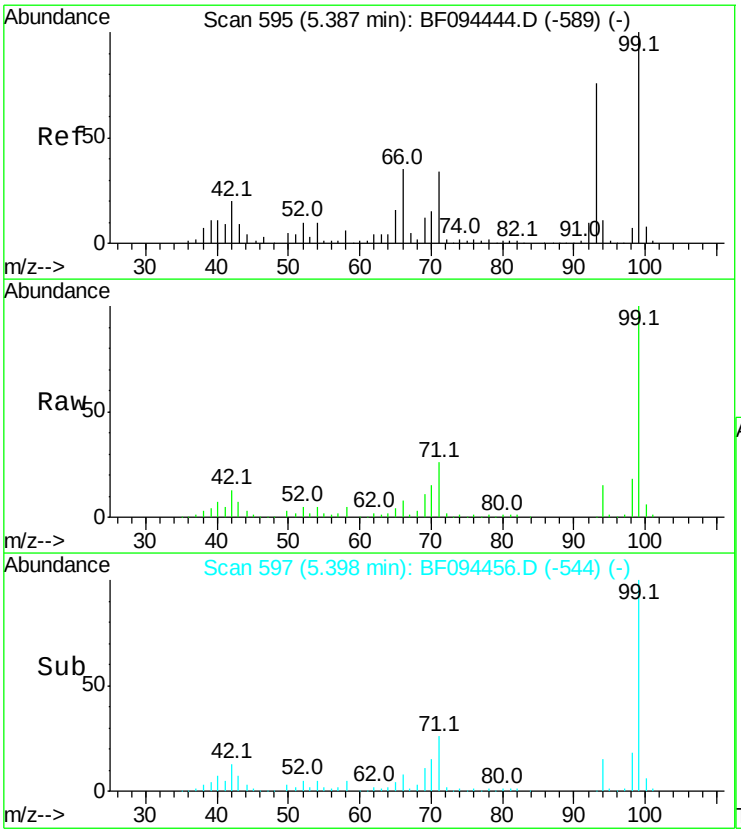
#5
2-Fluorophenol
Concen: 129.10 ng
RT: 4.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 1116025

Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.0	69.0
63	29.9	23.4	35.0

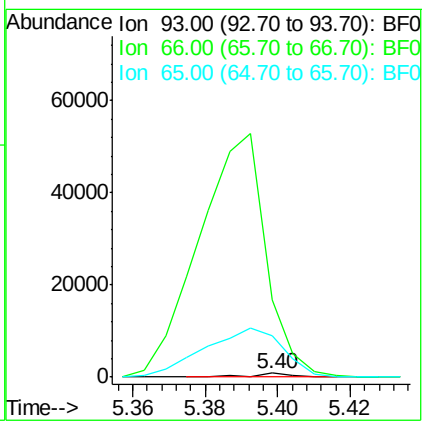


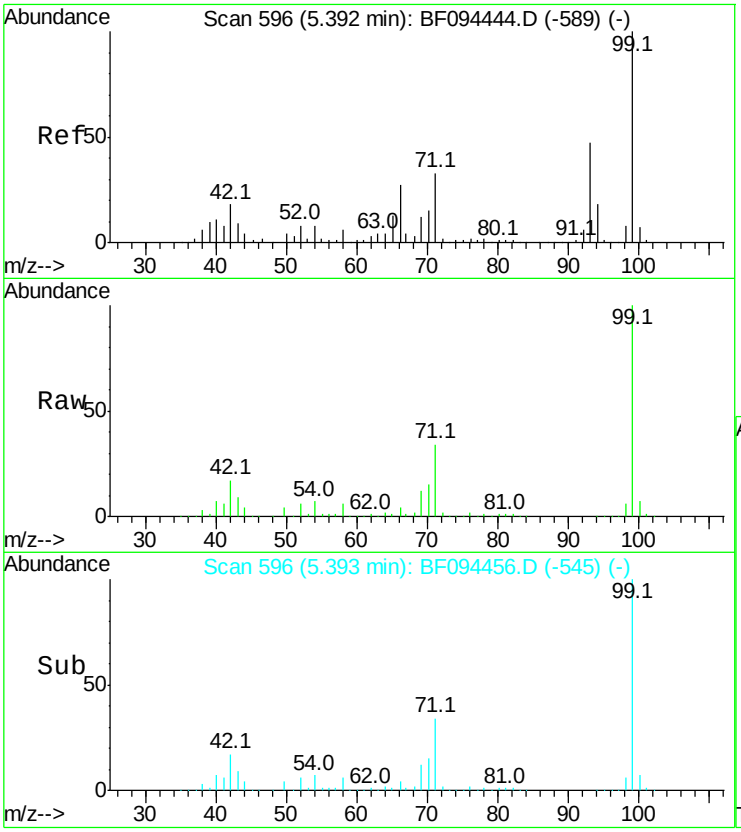


#6
Aniline
Concen: 0.04 ng
RT: 5.40 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 93 Resp: 577

Ion	Ratio	Lower	Upper
93	100		
66	1849.7	32.9	49.3#
65	972.1	16.0	24.0#



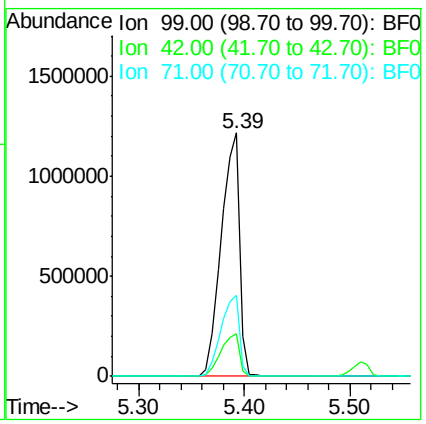


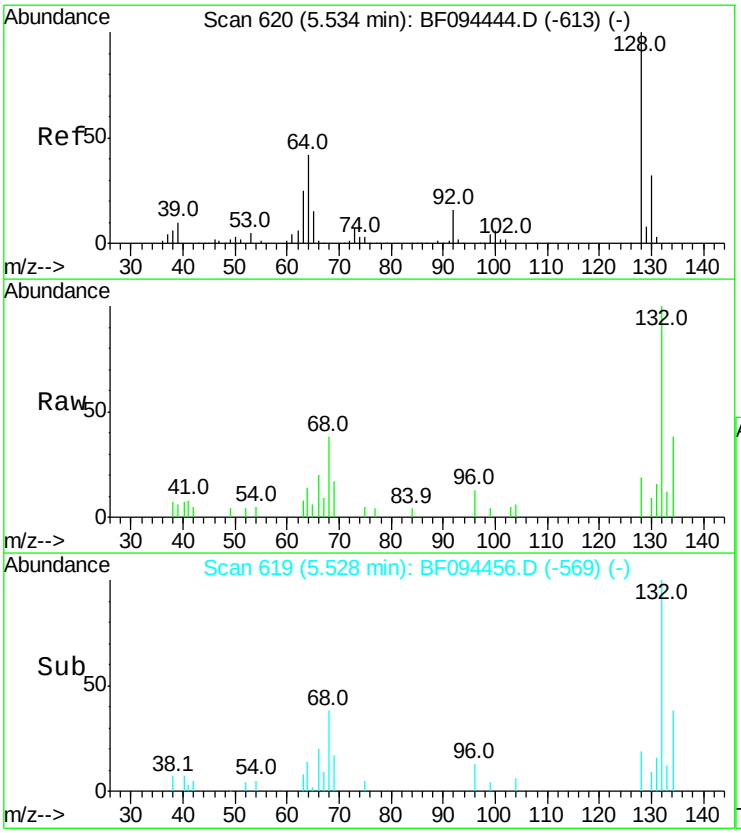
#7
Phenol-d6
Concen: 144.39 ng
RT: 5.39 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1471529

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.5	24.5	36.7

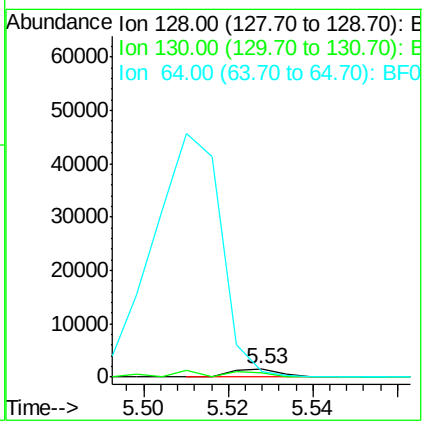


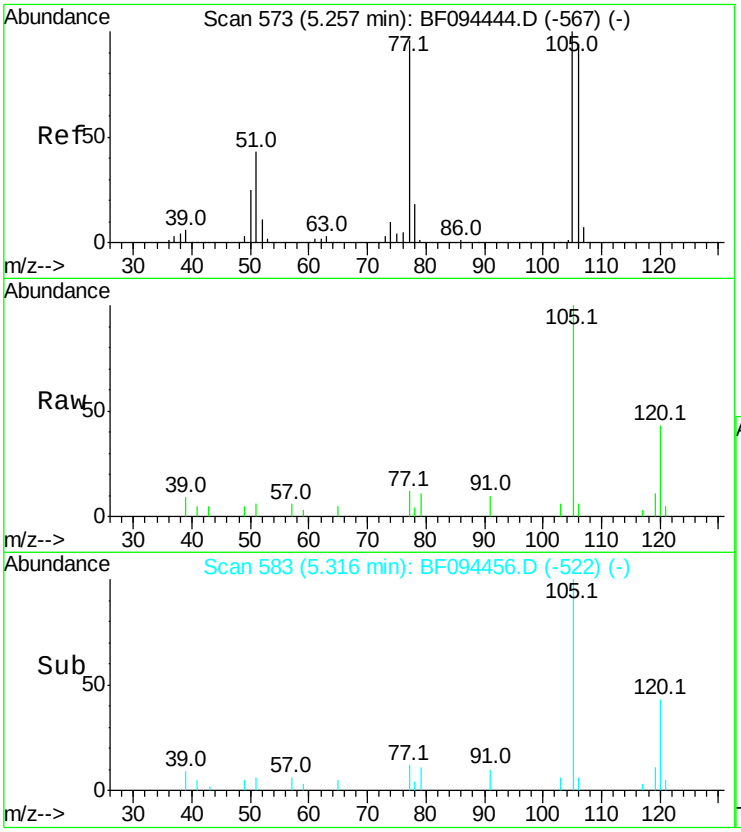


#8
2-Chlorophenol
Concen: 0.12 ng
RT: 5.53 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:128 Resp: 1172

Ion	Ratio	Lower	Upper
128	100		
130	48.1	12.9	52.9
64	74.5	28.4	68.4#



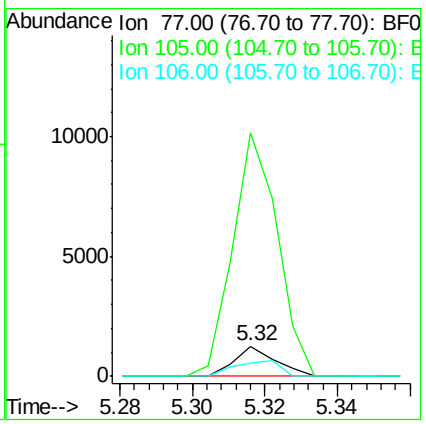


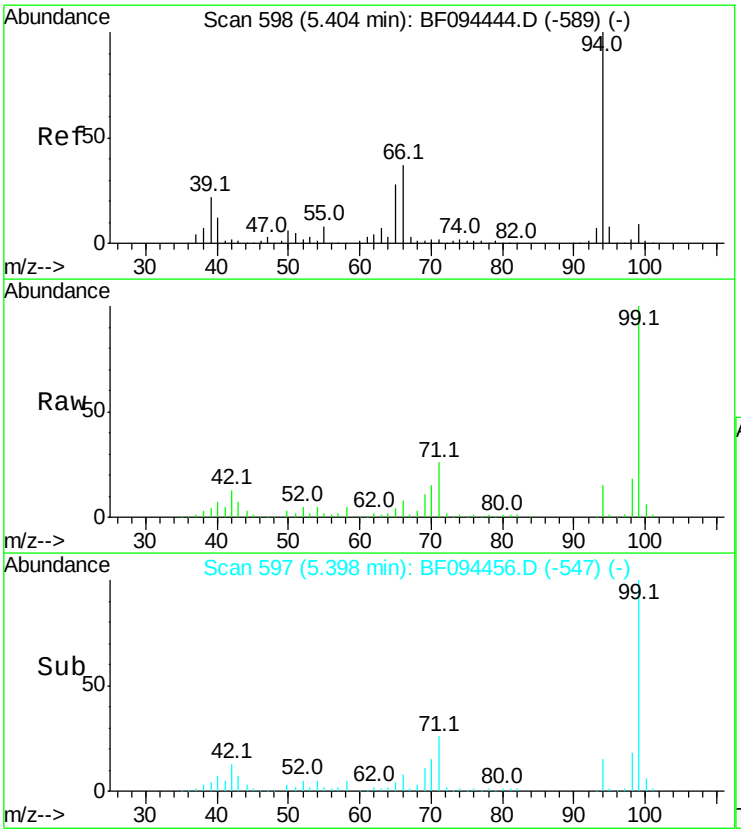
#9
Benzaldehyde
Concen: 0.13 ng
RT: 5.32 min Scan# 583
Delta R.T. 0.06 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 1000

Ion	Ratio	Lower	Upper
77	100		
105	804.7	83.8	123.8#
106	45.5	79.1	119.1#

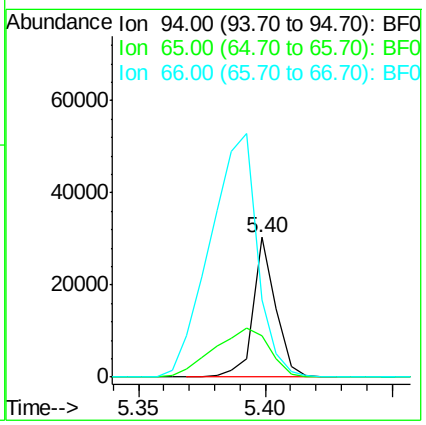


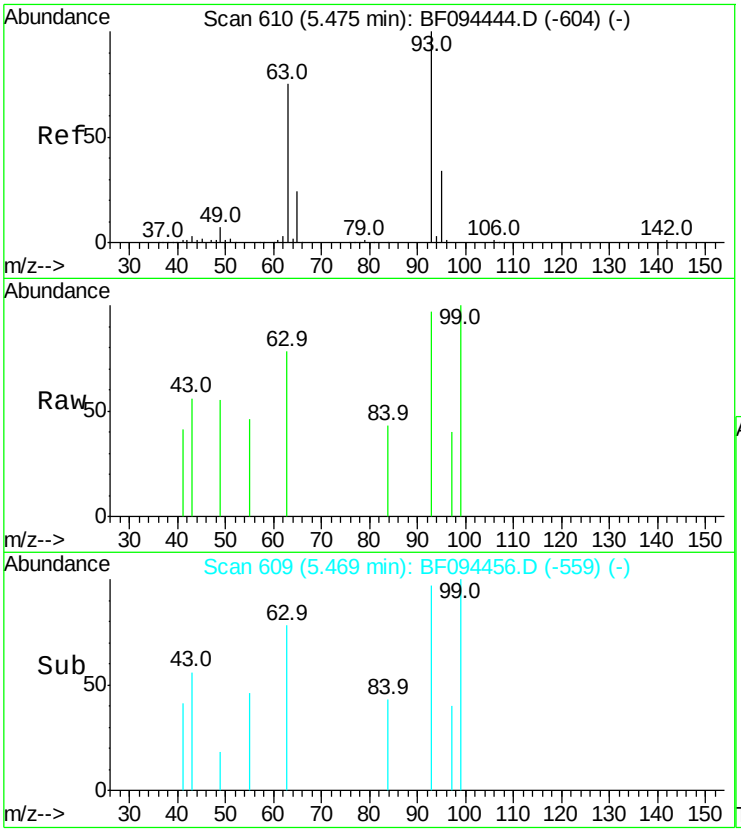


#10
Phenol
Concen: 1.51 ng
RT: 5.40 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 94 Resp: 18931

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.9	49.9
66	55.5	23.1	63.1



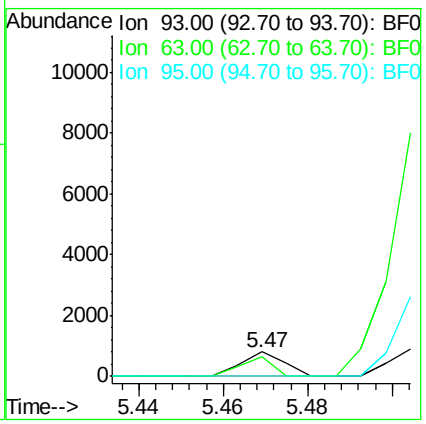


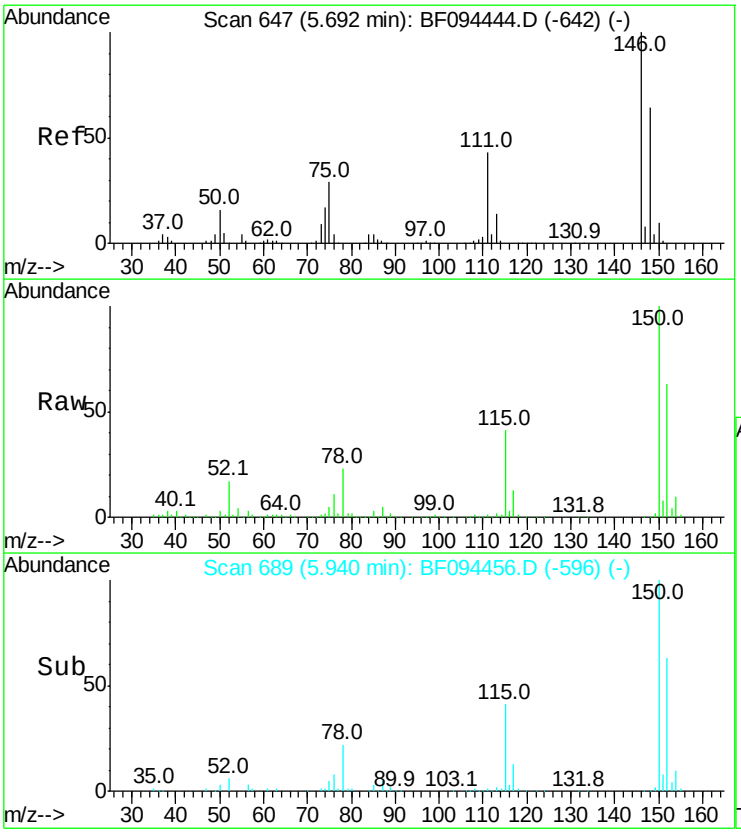
#11
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 5.47 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 550

Ion	Ratio	Lower	Upper
93	100		
63	80.5	59.2	99.2
95	0.0	12.8	52.8#

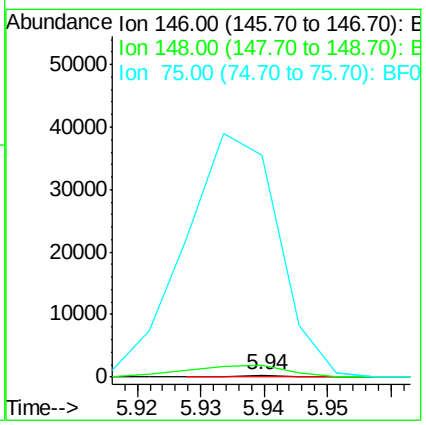


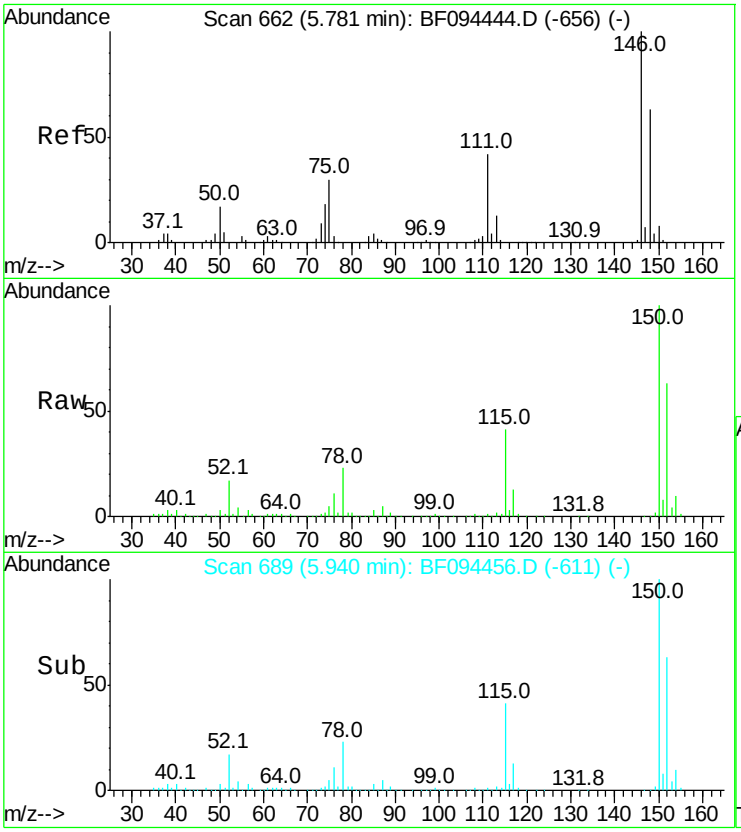


#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 5.94 min Scan# 689
Delta R.T. 0.25 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:146 Resp: 127

Ion	Ratio	Lower	Upper
146	100		
148	519.5	51.8	77.6#
75	9909.7	23.1	34.7#



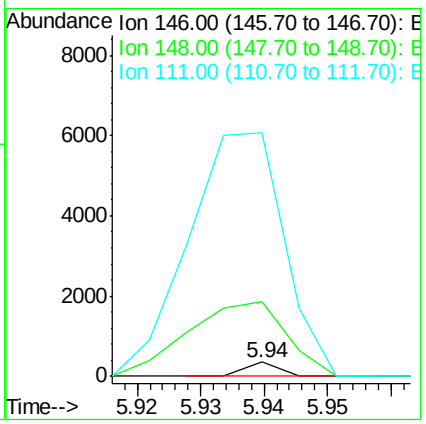


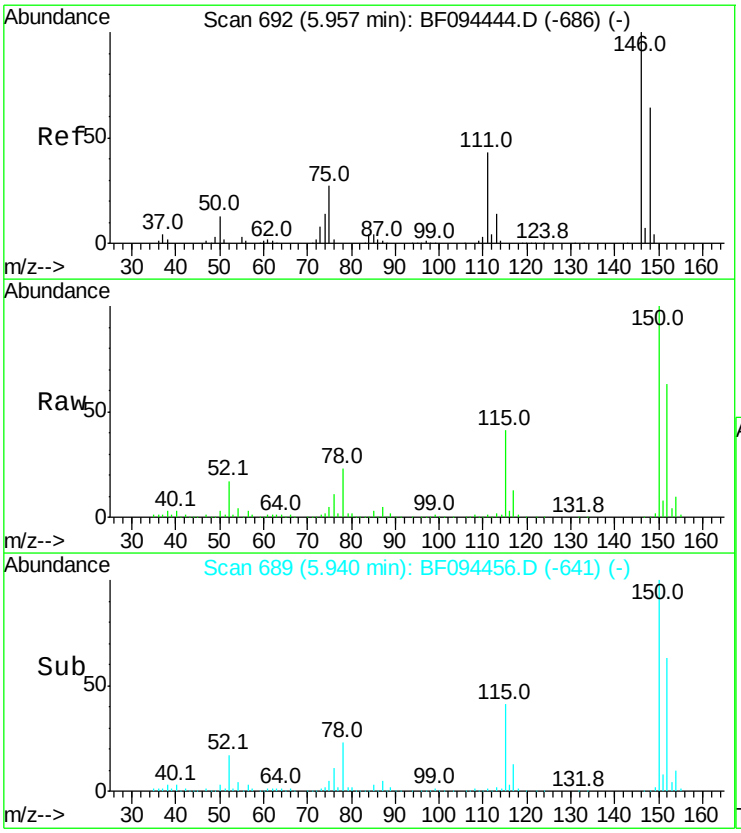
#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 5.94 min Scan# 689
Delta R.T. 0.16 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 127

Ion	Ratio	Lower	Upper
146	100		
148	519.5	52.2	78.2#
111	1690.3	30.3	45.5#

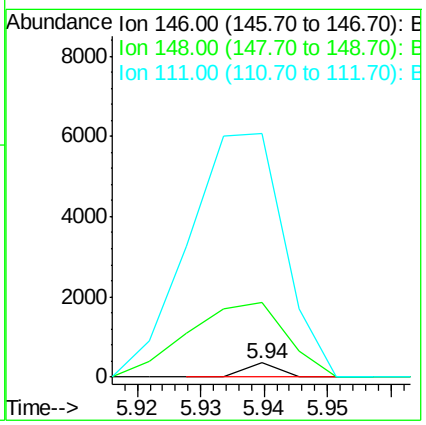


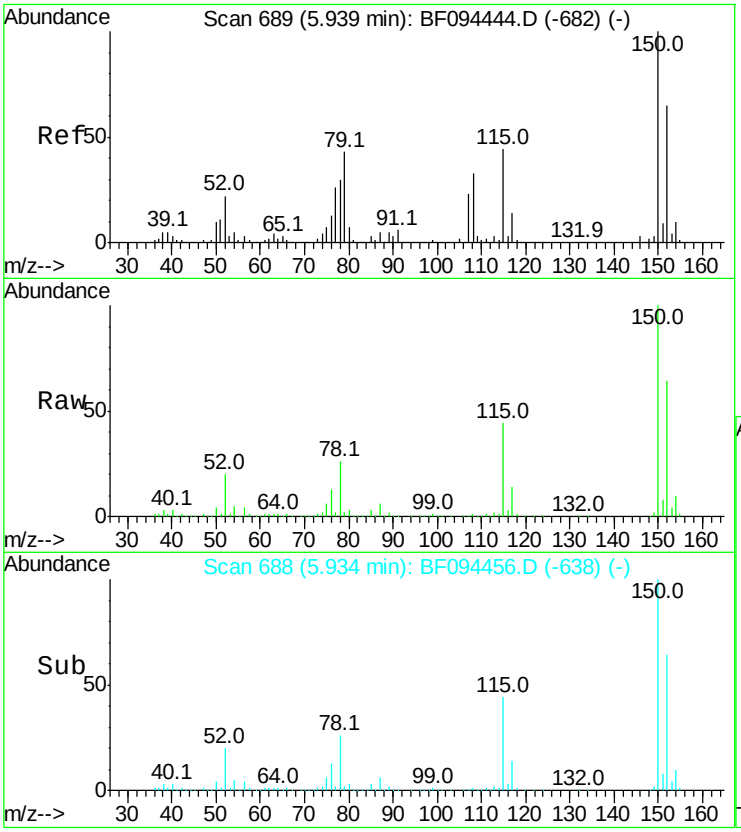


#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 5.94 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:146 Resp: 127

Ion	Ratio	Lower	Upper
146	100		
148	519.5	50.4	75.6#
111	1690.3	38.2	57.4#



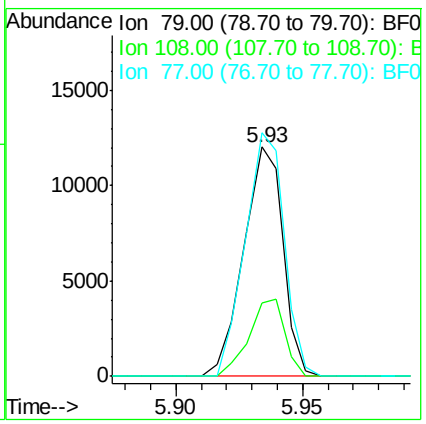


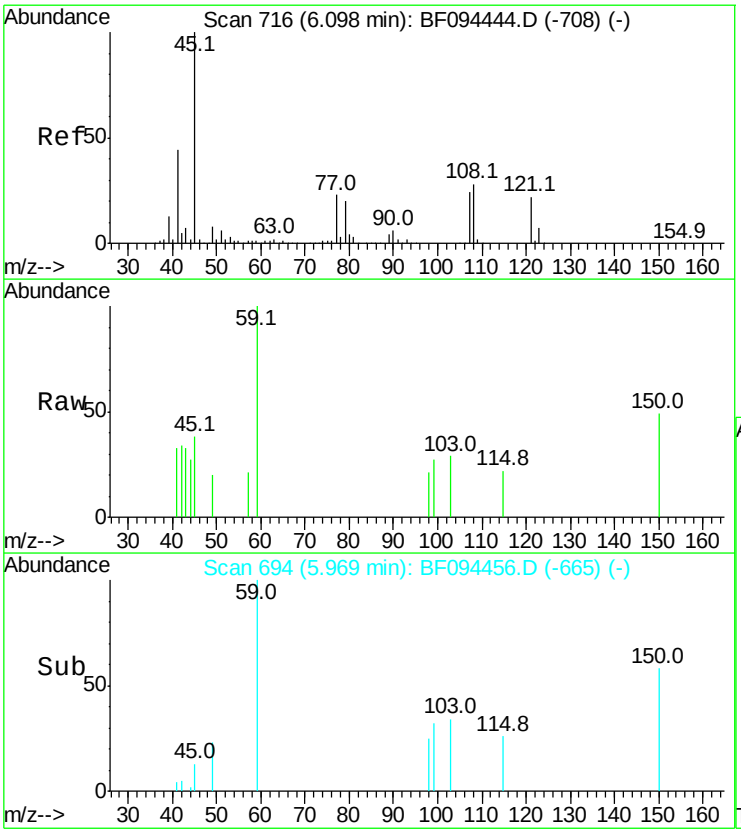
#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 13006

Ion	Ratio	Lower	Upper
79	100		
108	31.8	63.4	95.0#
77	106.2	49.2	73.8#

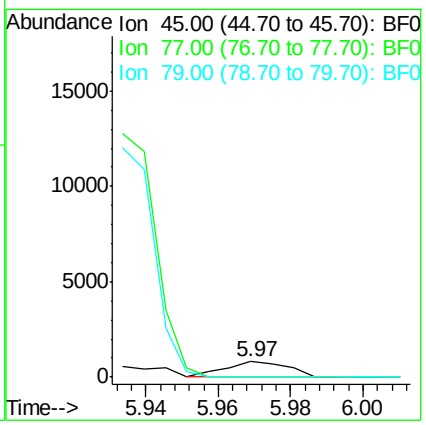


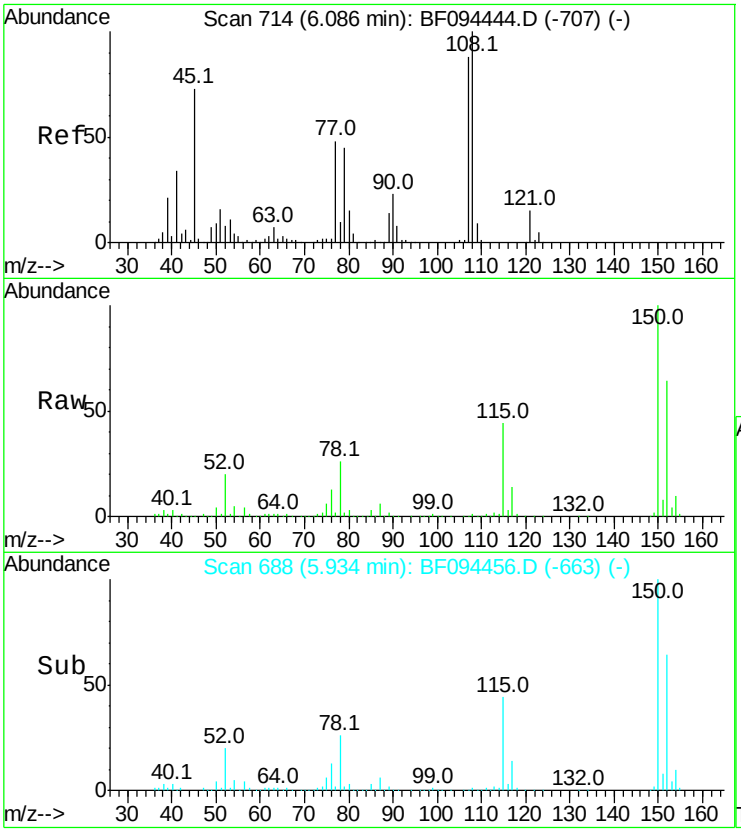


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.08 ng
RT: 5.97 min Scan# 694
Delta R.T. -0.13 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 45 Resp: 996

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



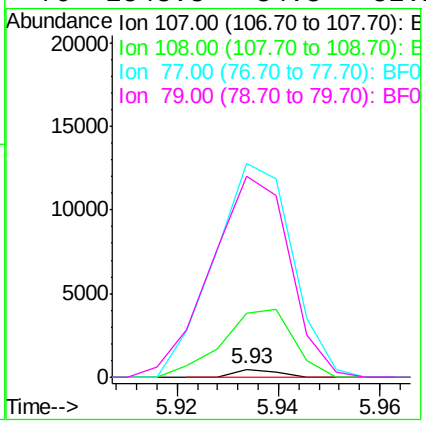


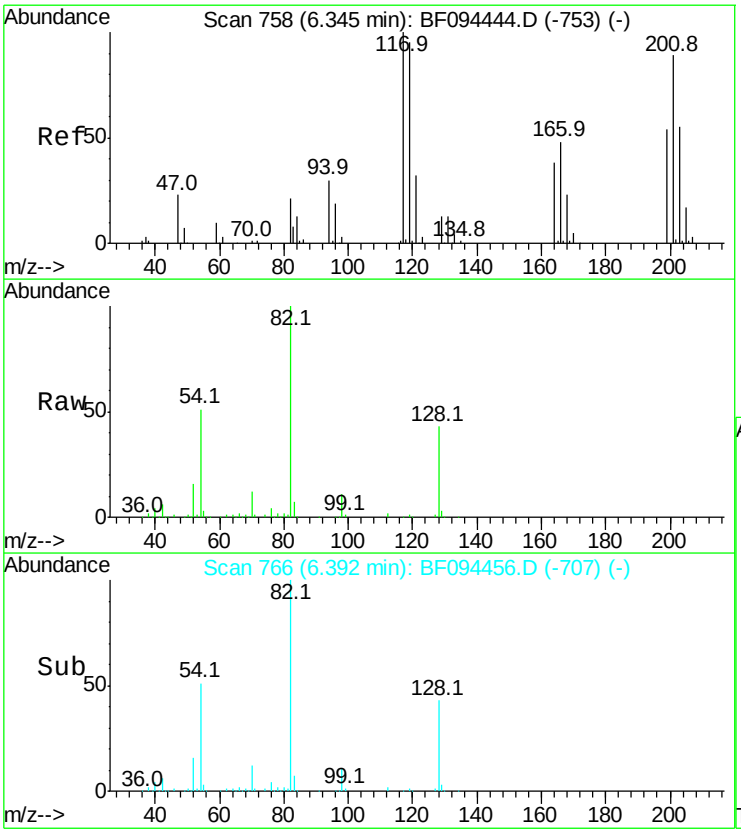
#17
2-Methylphenol
Concen: 0.04 ng
RT: 5.93 min Scan# 688
Delta R.T. -0.15 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 280

Ion	Ratio	Lower	Upper
107	100		
108	809.7	93.4	140.0#
77	2705.5	35.8	53.6#
79	2548.3	34.8	52.2#

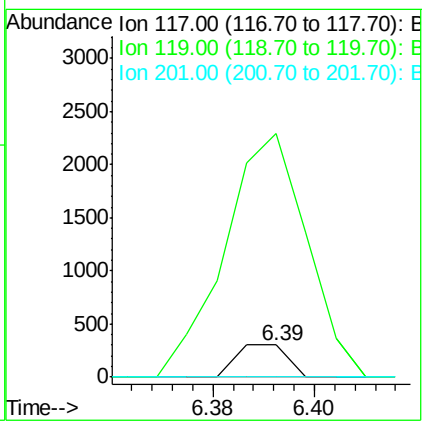


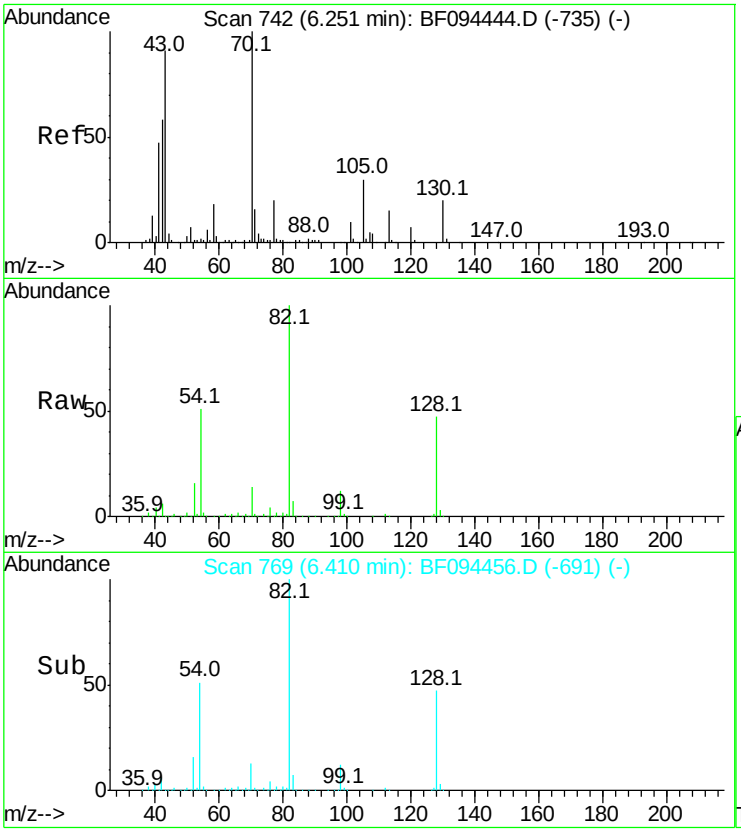


#18
Hexachloroethane
Concen: 0.06 ng
RT: 6.39 min Scan# 766
Delta R.T. 0.05 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:117 Resp: 213

Ion	Ratio	Lower	Upper
117	100		
119	756.8	77.4	116.0#
201	0.0	94.6	141.8#



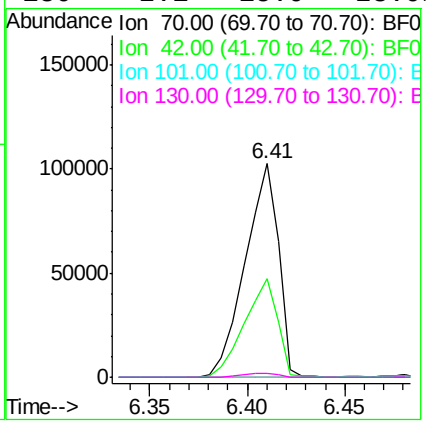


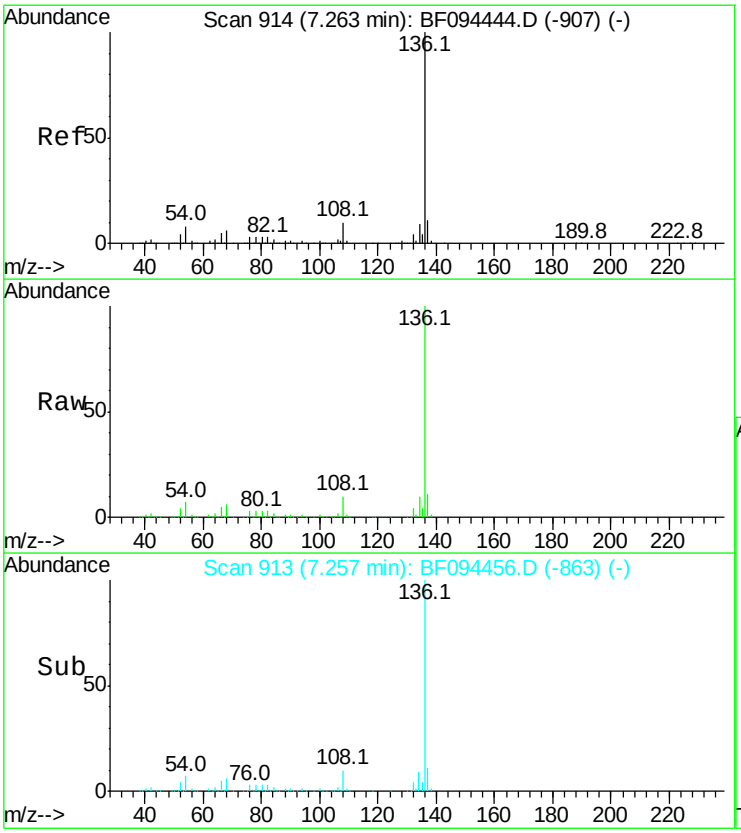
#19
n-Nitroso-di-n-propylamine
Concen: 17.87 ng
RT: 6.41 min Scan# 769
Delta R.T. 0.16 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 120695

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#

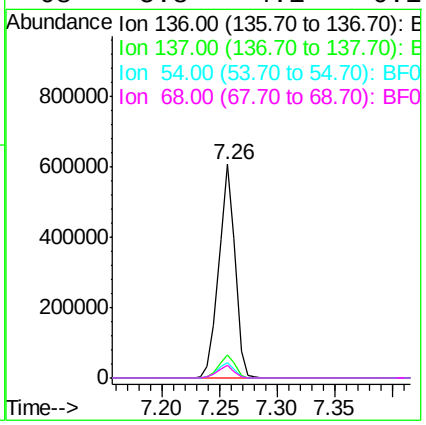


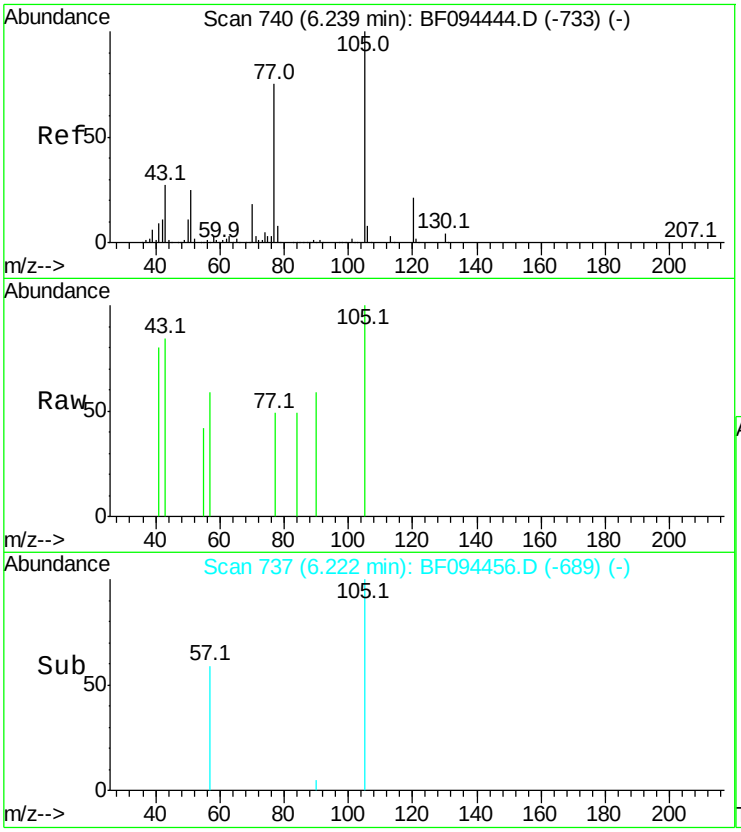


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:136 Resp: 590462

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.1	4.9	7.3
68	5.8	4.1	6.1



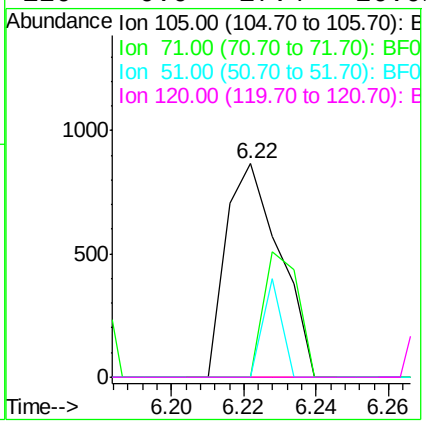


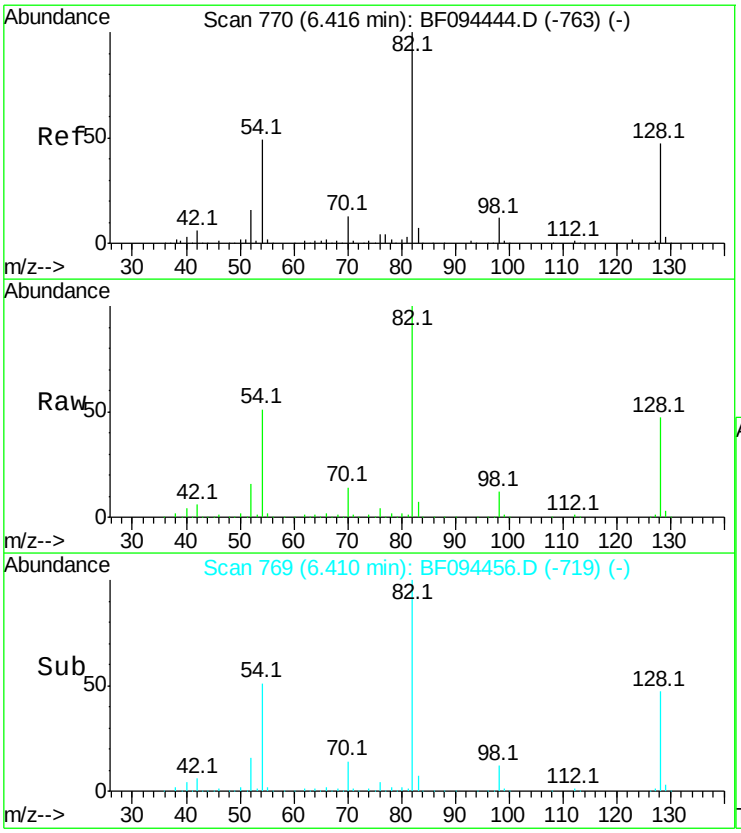
#22
Acetophenone
Concen: 0.06 ng
RT: 6.22 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:105 Resp: 890

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#

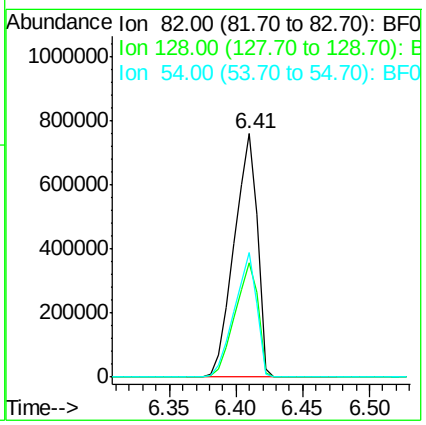


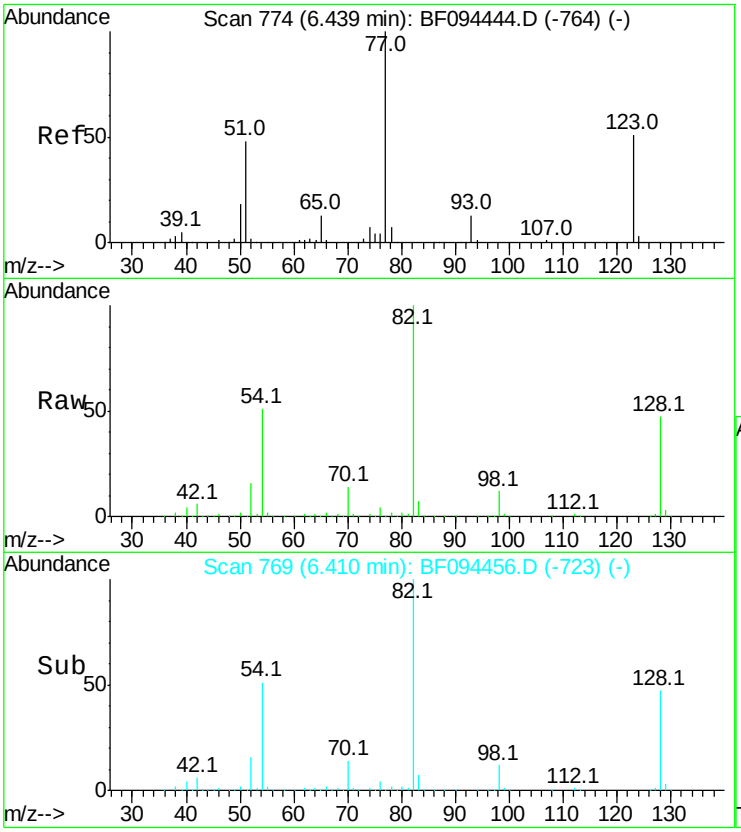


#23
Nitrobenzene-d5
Concen: 96.49 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 82 Resp: 922667

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	51.1	42.2	63.2



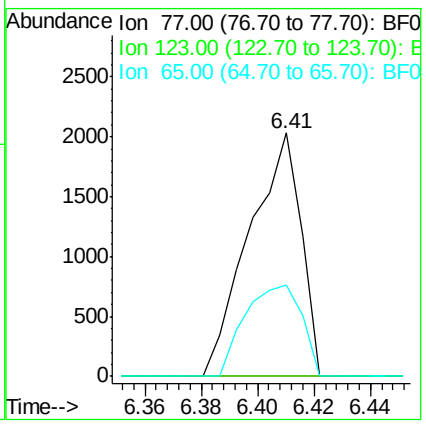


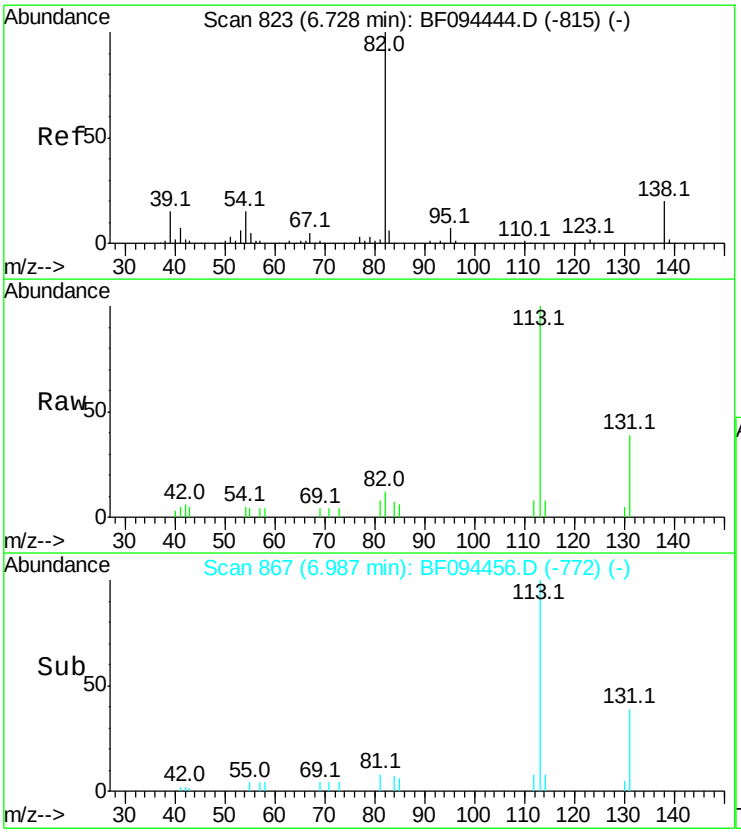
#24
Nitrobenzene
Concen: 0.26 ng
RT: 6.41 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 2572

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	37.7	10.6	15.8#

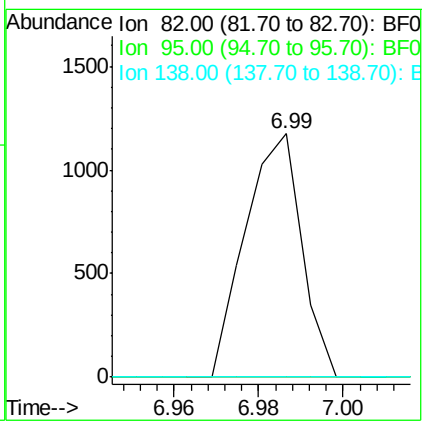


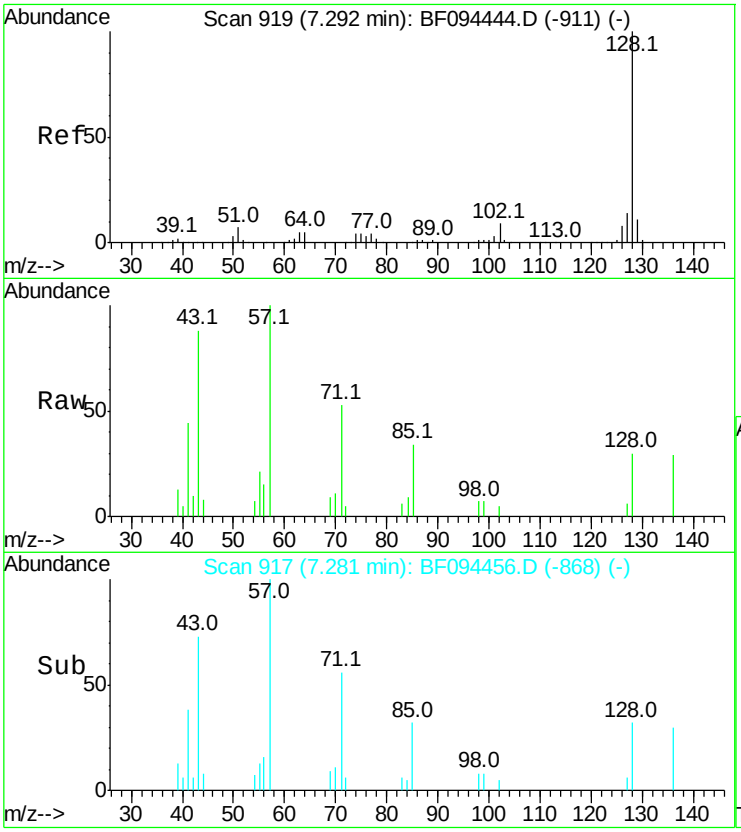


#25
Isophorone
Concen: 0.06 ng
RT: 6.99 min Scan# 867
Delta R.T. 0.26 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 82 Resp: 1091

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



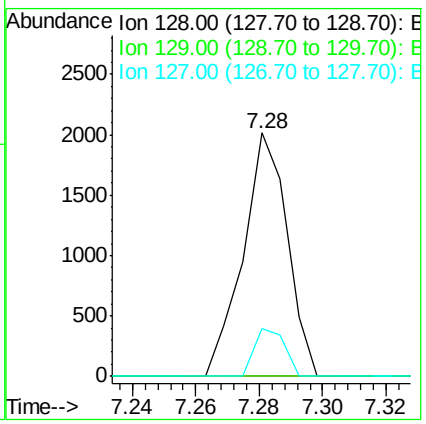


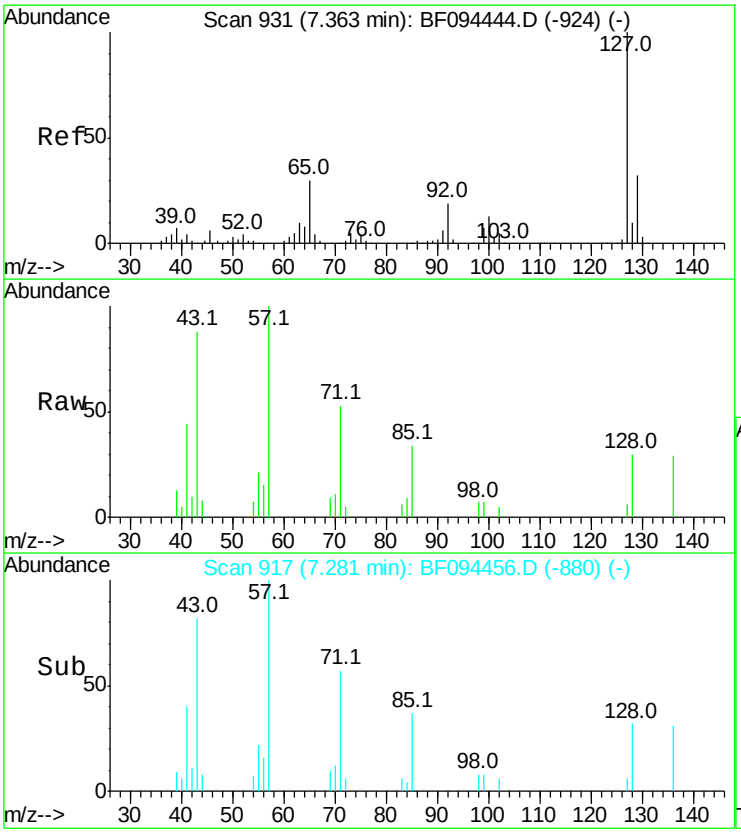
#31
Naphthalene
Concen: 0.07 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1944

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.0	13.6#
127	19.8	10.8	16.2#

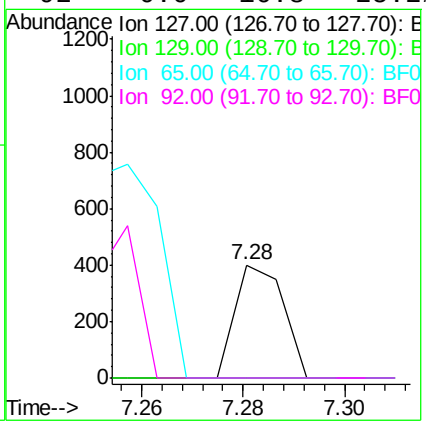


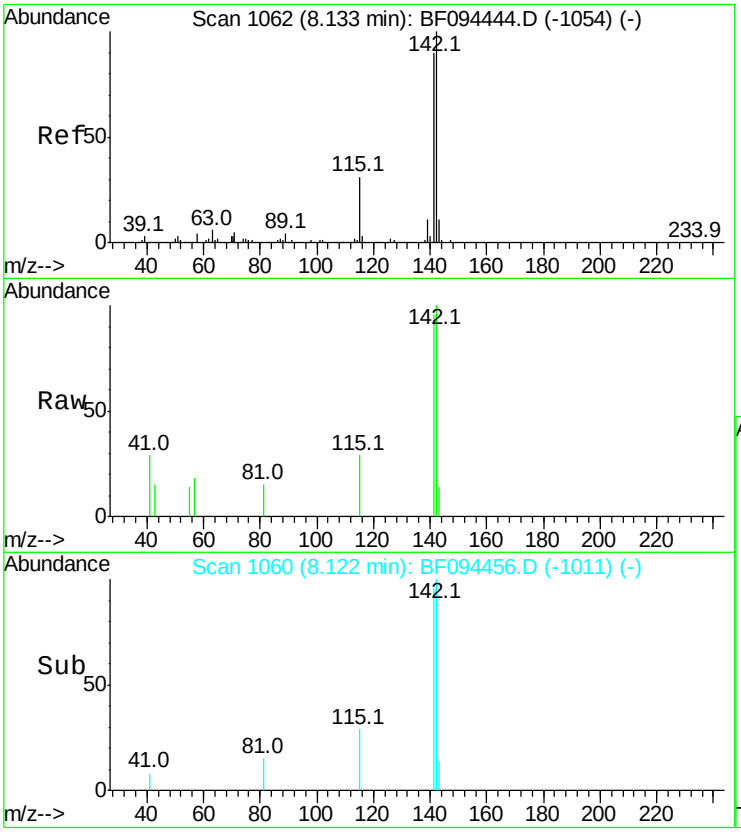


#33
4-Chloroaniline
Concen: 0.02 ng
RT: 7.28 min Scan# 917
Delta R.T. -0.08 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:127 Resp: 264

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#



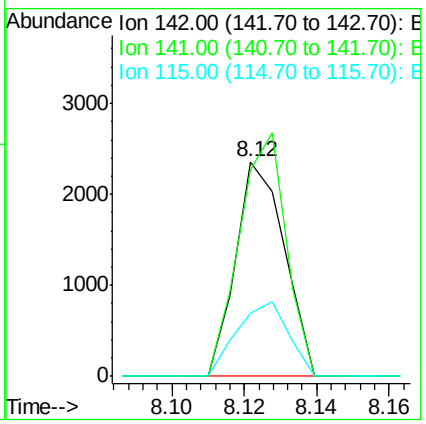


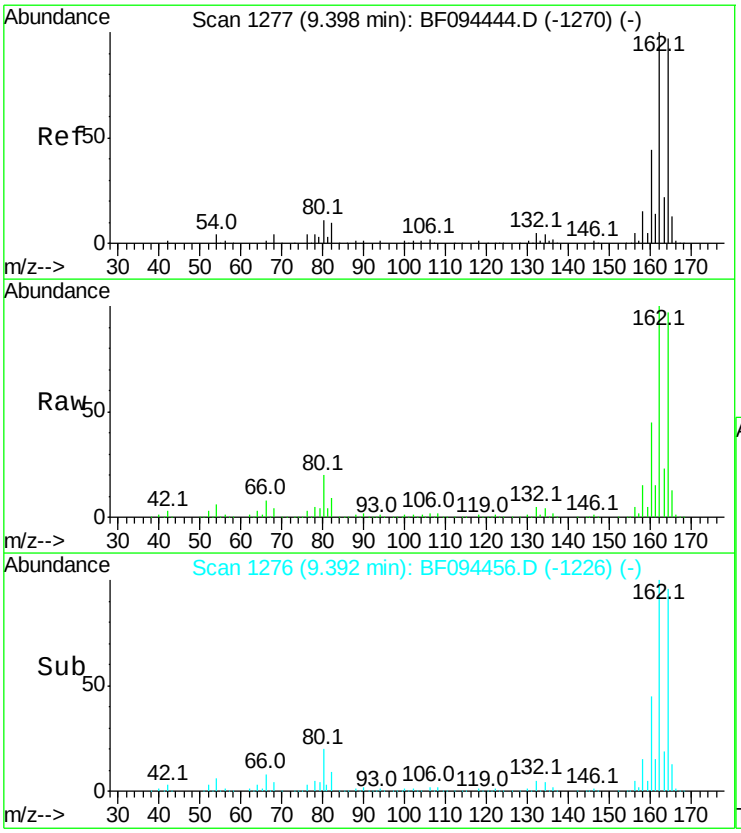
#37
2-Methylnaphthalene
Concen: 0.11 ng
RT: 8.12 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 2214

Ion	Ratio	Lower	Upper
142	100		
141	96.2	71.3	106.9
115	29.4	27.1	40.7

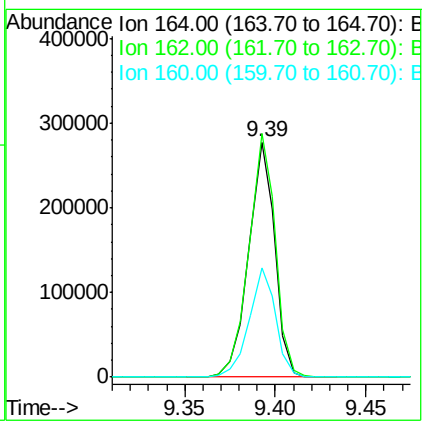


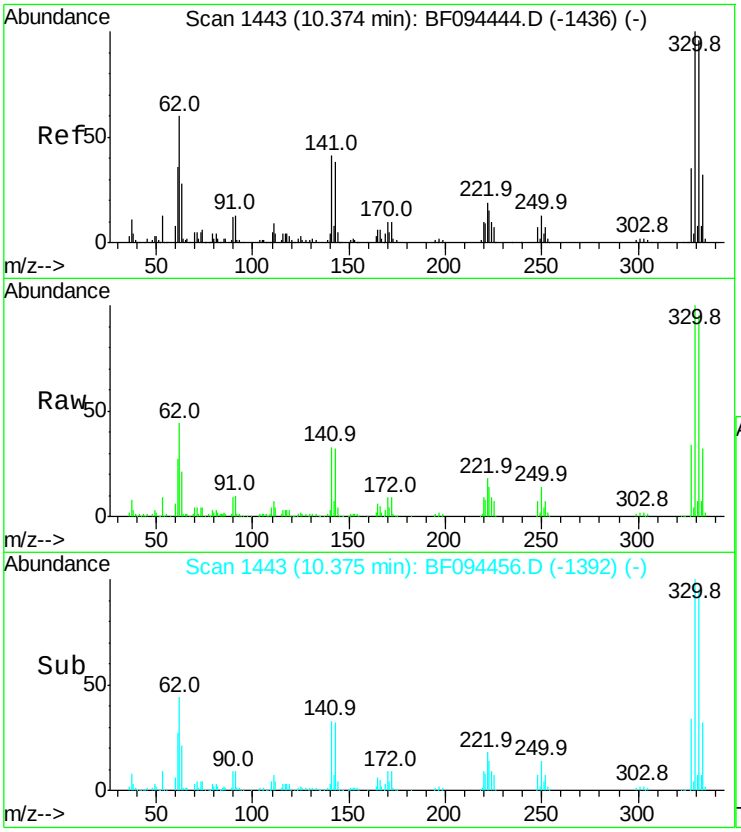


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:164 Resp: 276692

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.6	36.2	54.2



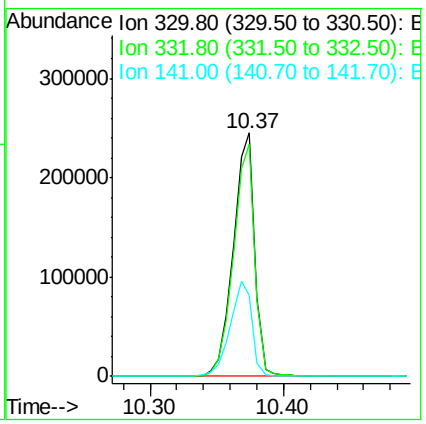


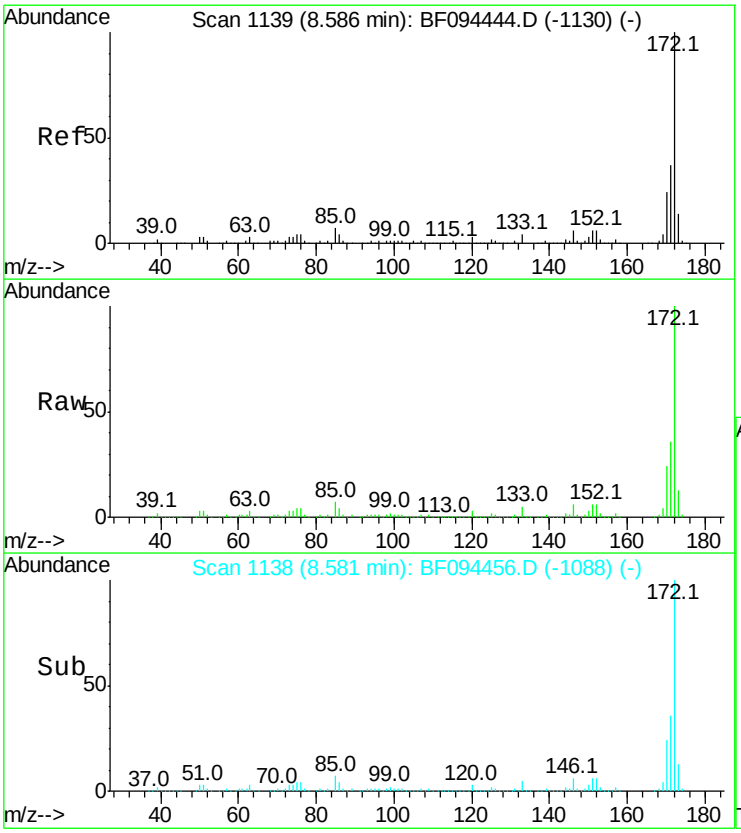
#41
2,4,6-Tribromophenol
Concen: 127.23 ng
RT: 10.37 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 275348

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	40.5	31.4	47.2

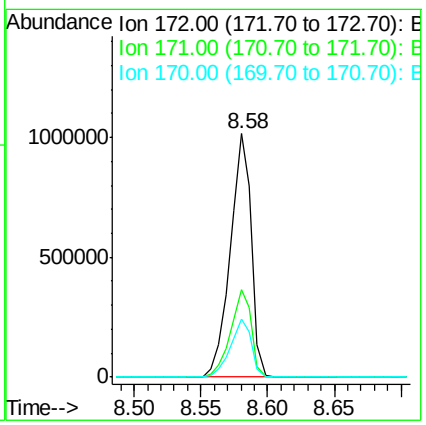


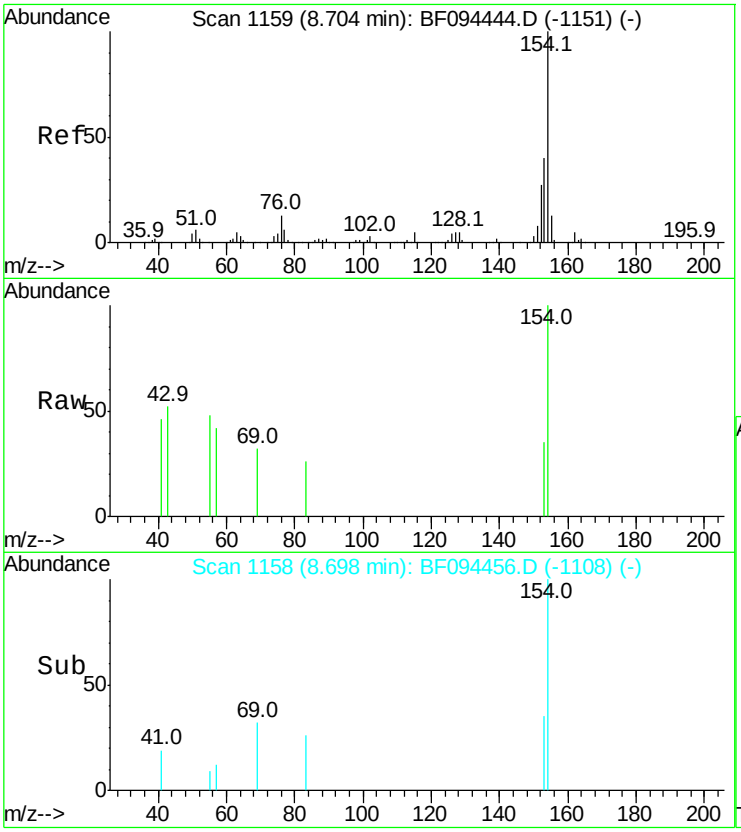


#44
2-Fluorobiphenyl
Concen: 59.49 ng
RT: 8.58 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:172 Resp: 1118779

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8



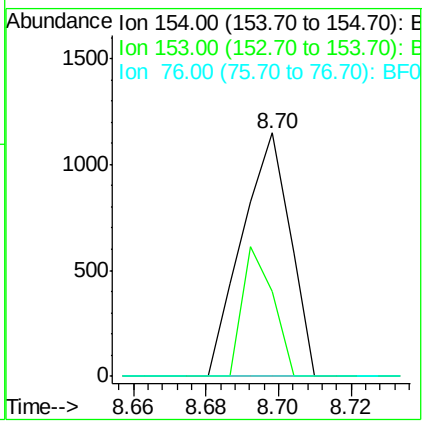


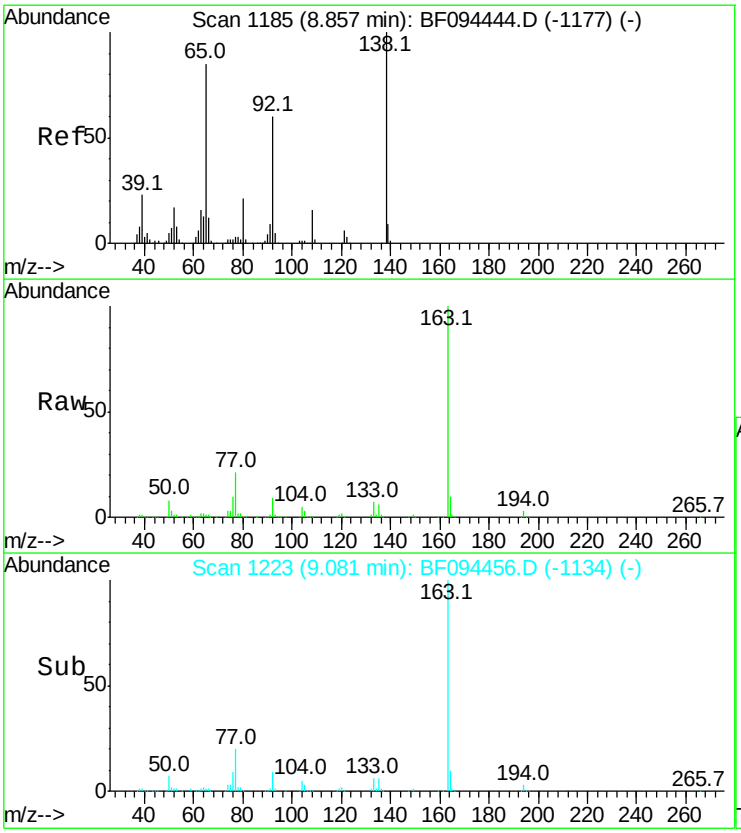
#45
1,1'-Biphenyl
Concen: 0.05 ng
RT: 8.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1056

Ion	Ratio	Lower	Upper
154	100		
153	34.6	21.2	61.2
76	0.0	0.0	29.9

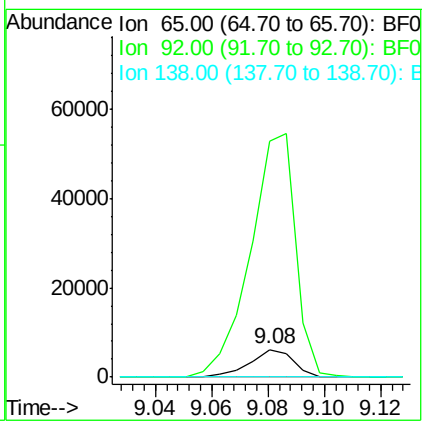


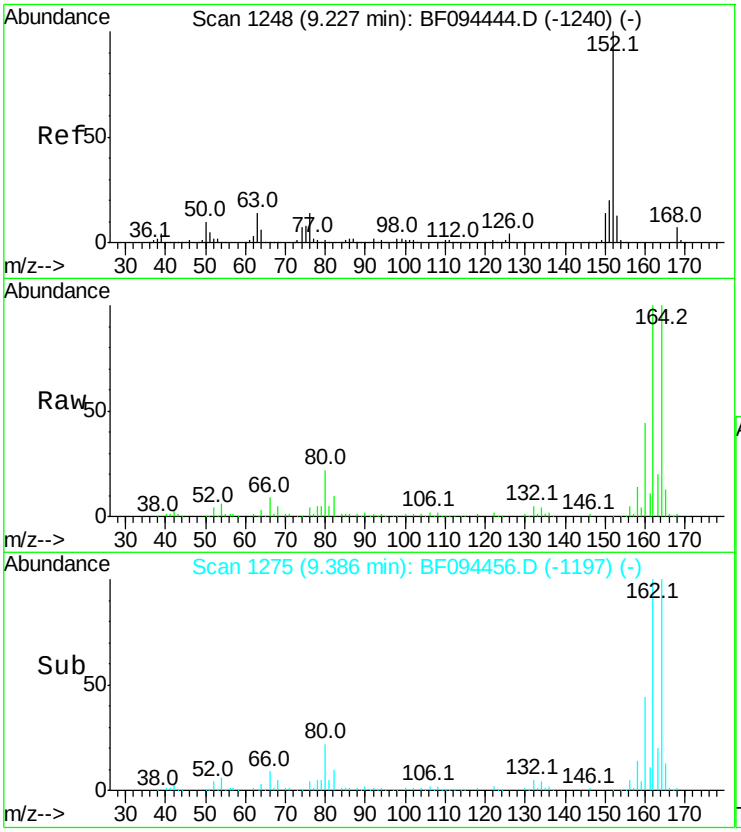


#47
2-Nitroaniline
Concen: 1.28 ng
RT: 9.08 min Scan# 1223
Delta R.T. 0.22 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 65 Resp: 6609

Ion	Ratio	Lower	Upper
65	100		
92	851.8	53.9	80.9#
138	0.0	78.8	118.2#



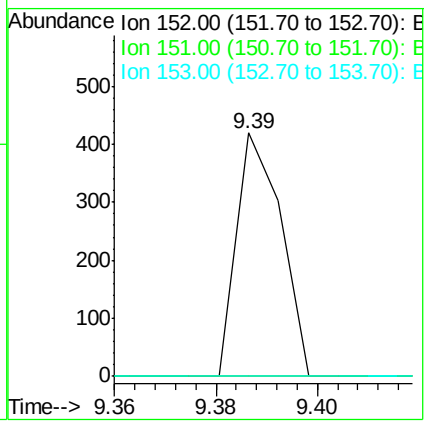


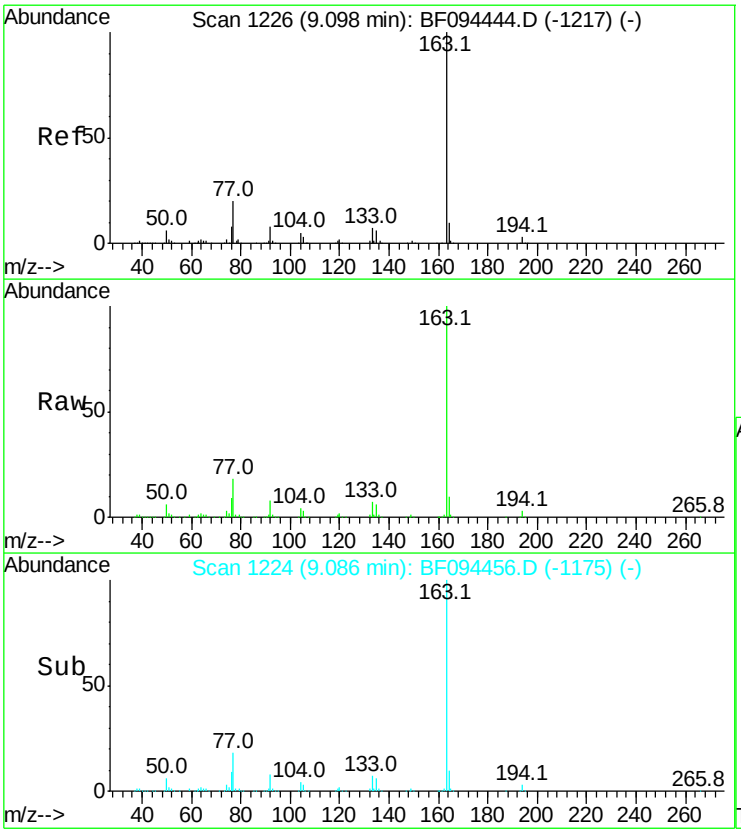
#48
Acenaphthylene
Concen: 0.01 ng
RT: 9.39 min Scan# 1275
Delta R.T. 0.16 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 255

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.8	25.2#
153	0.0	10.8	16.2#

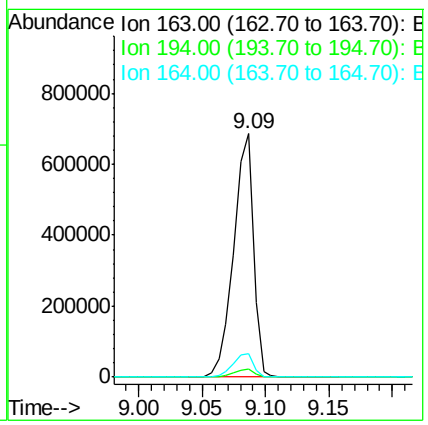


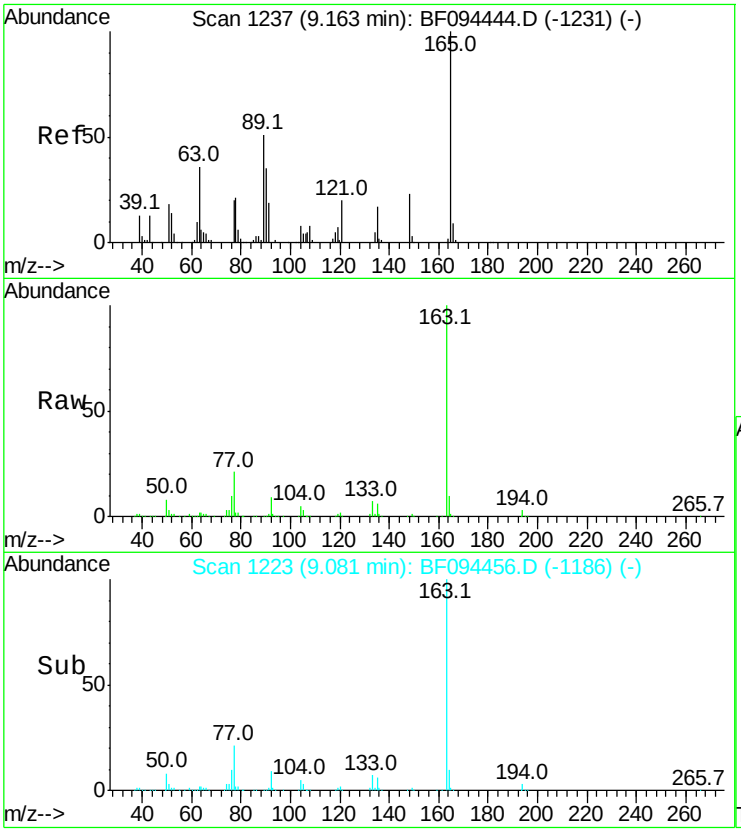


#49
Dimethylphthalate
Concen: 35.75 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:163 Resp: 737126

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	9.6	8.4	12.6



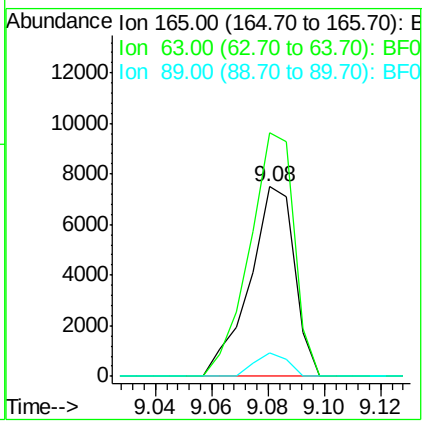


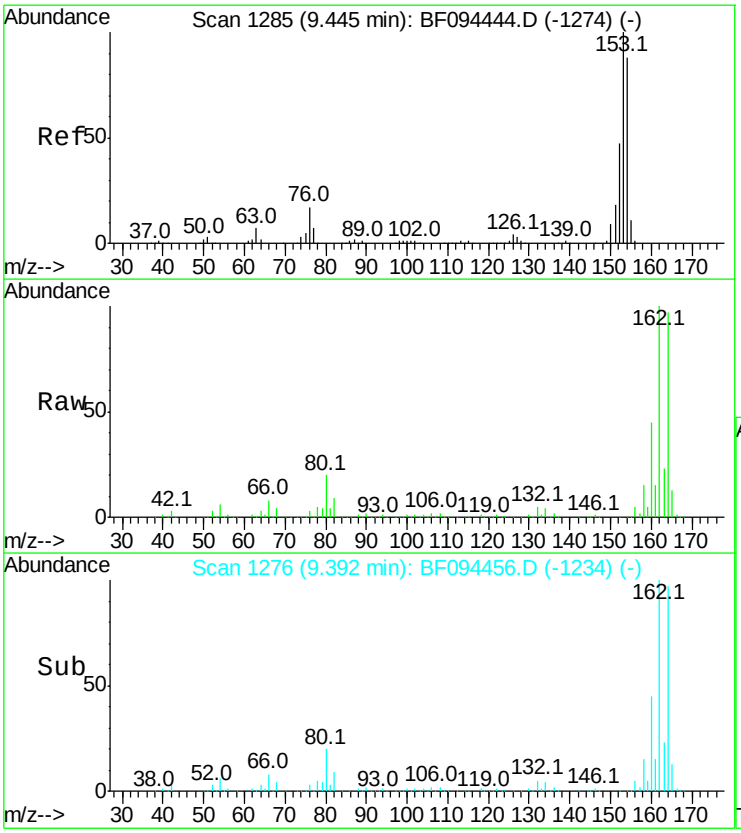
#50
2,6-Dinitrotoluene
Concen: 1.79 ng
RT: 9.08 min Scan# 1223
Delta R.T. -0.08 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8286

Ion	Ratio	Lower	Upper
165	100		
63	128.6	34.3	51.5#
89	12.1	37.1	55.7#

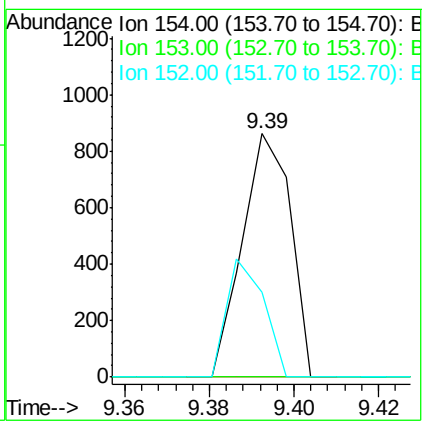


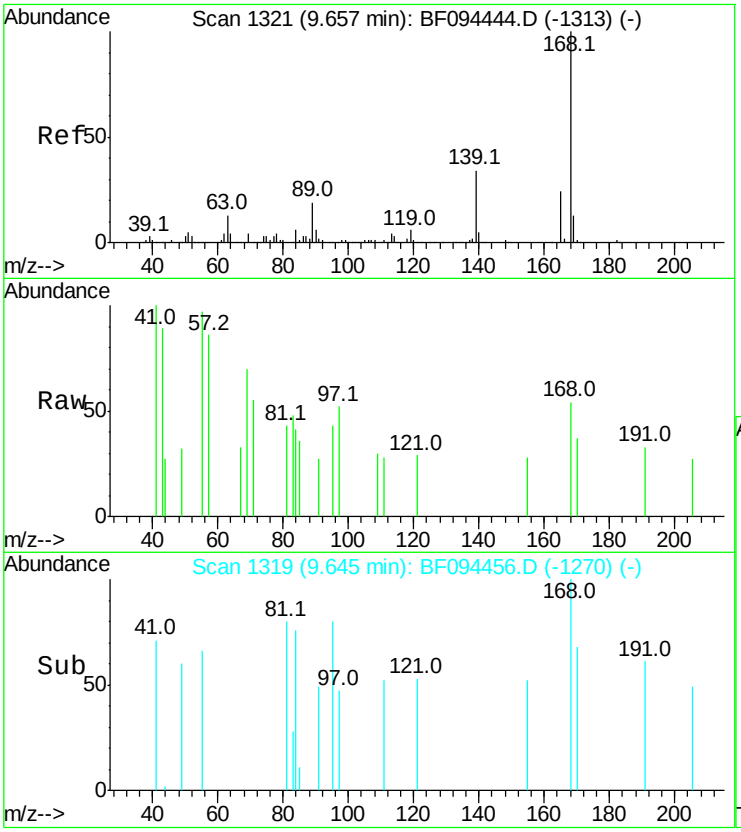


#51
Acenaphthene
Concen: 0.04 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.05 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:154 Resp: 684

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.5	135.7#
152	35.0	43.6	65.4#



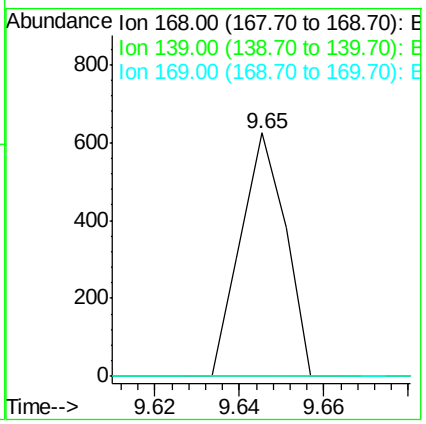


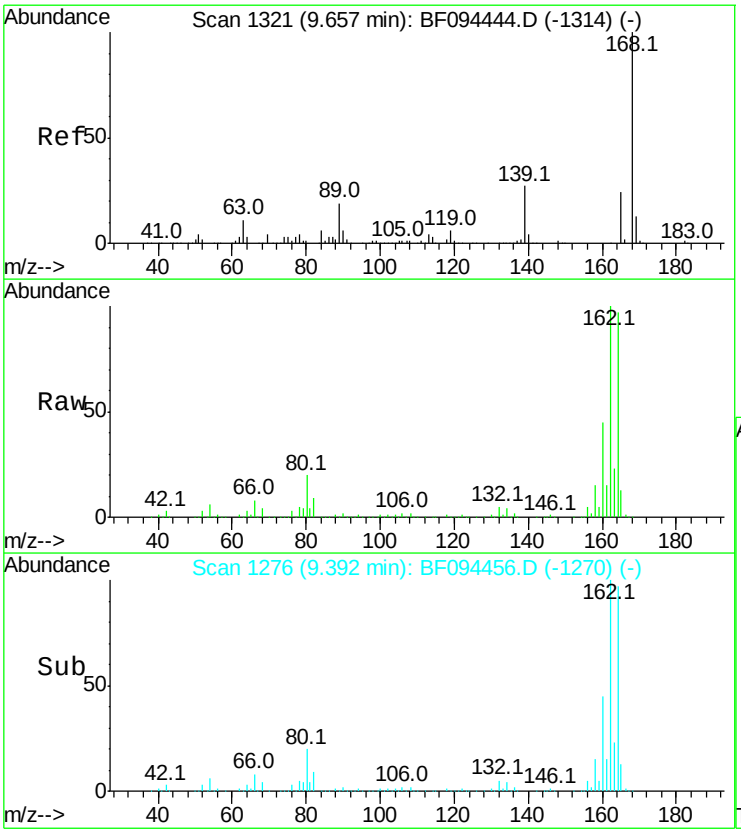
#54
Dibenzofuran
Concen: 0.02 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 462

Ion	Ratio	Lower	Upper
168	100		
139	0.0	30.6	45.8#
169	0.0	10.8	16.2#

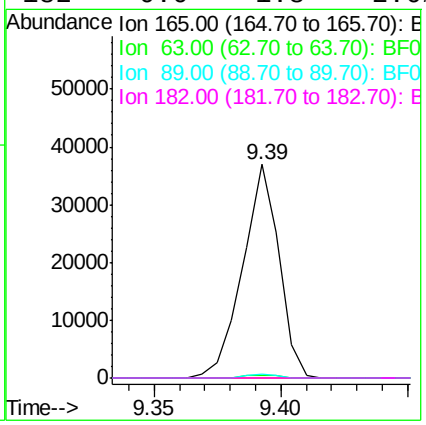


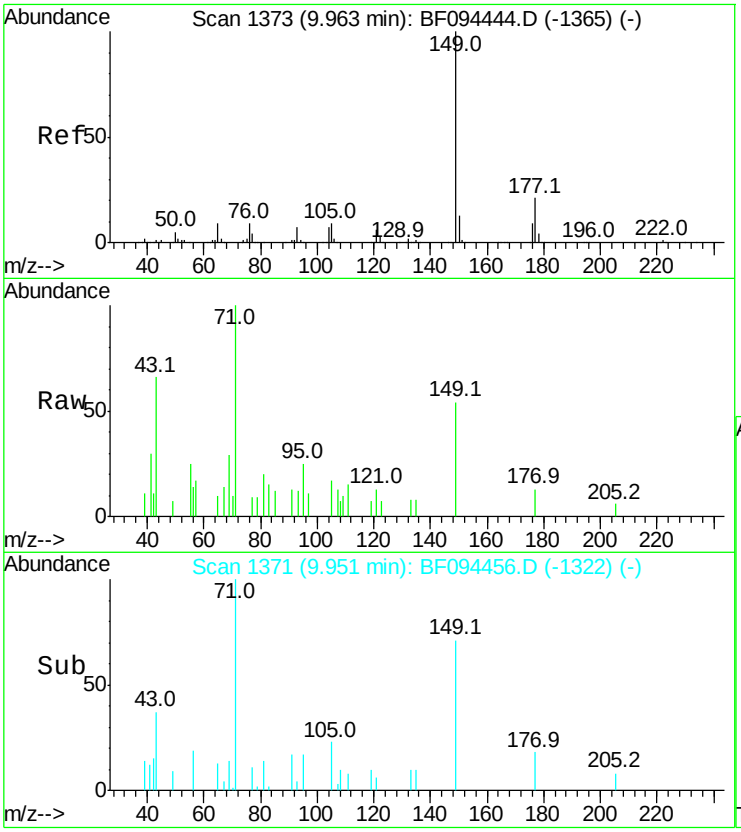


#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.26 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:165 Resp: 36817

Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#



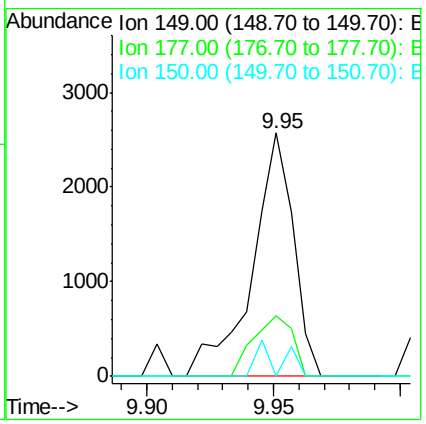


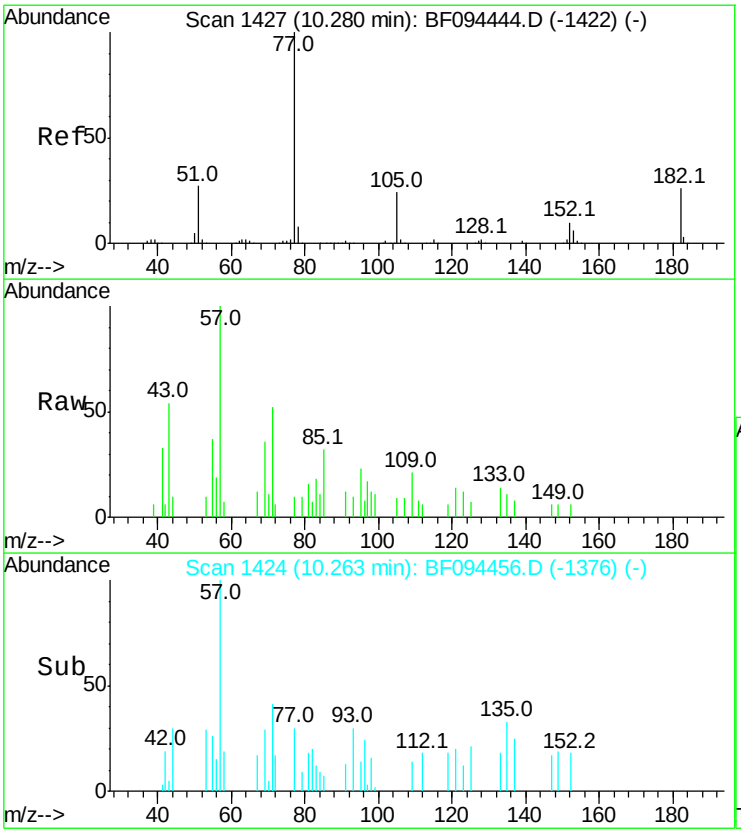
#59
Diethylphthalate
Concen: 0.15 ng
RT: 9.95 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2938

Ion	Ratio	Lower	Upper
149	100		
177	24.8	16.7	25.1
150	0.0	10.2	15.2#

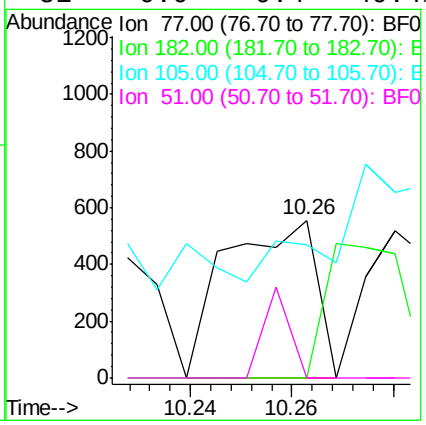


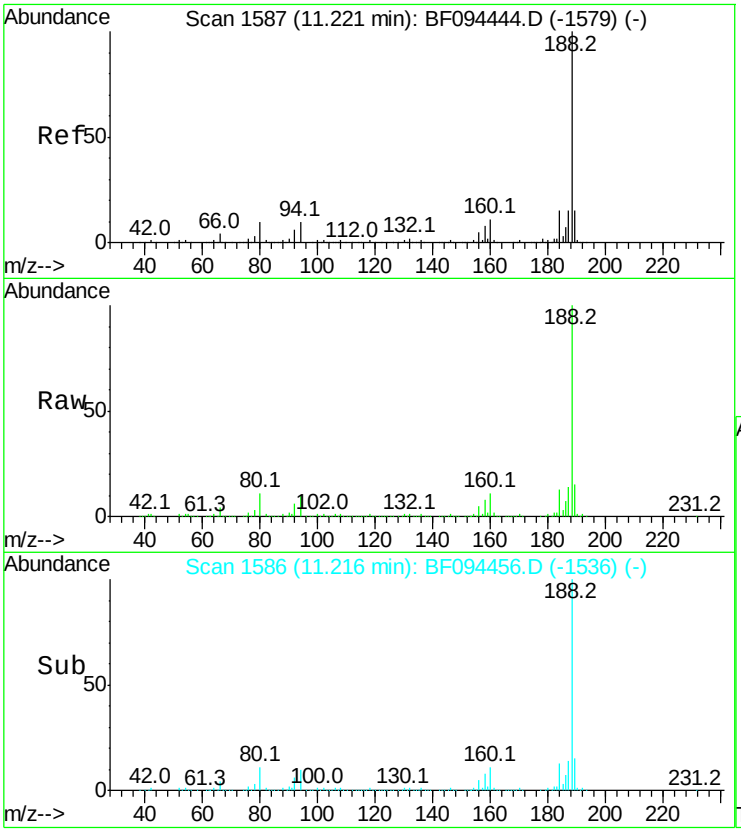


#62
Azobenzene
Concen: 0.04 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion: 77 Resp: 683

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	84.2	3.6	43.6#
51	0.0	9.4	49.4#



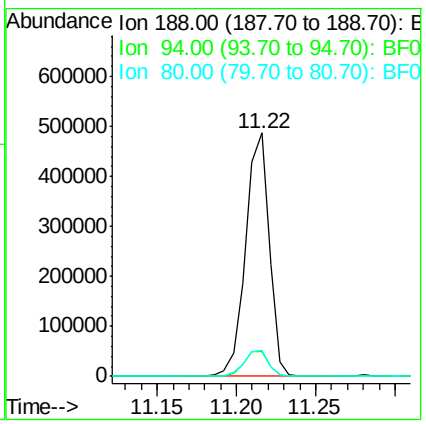


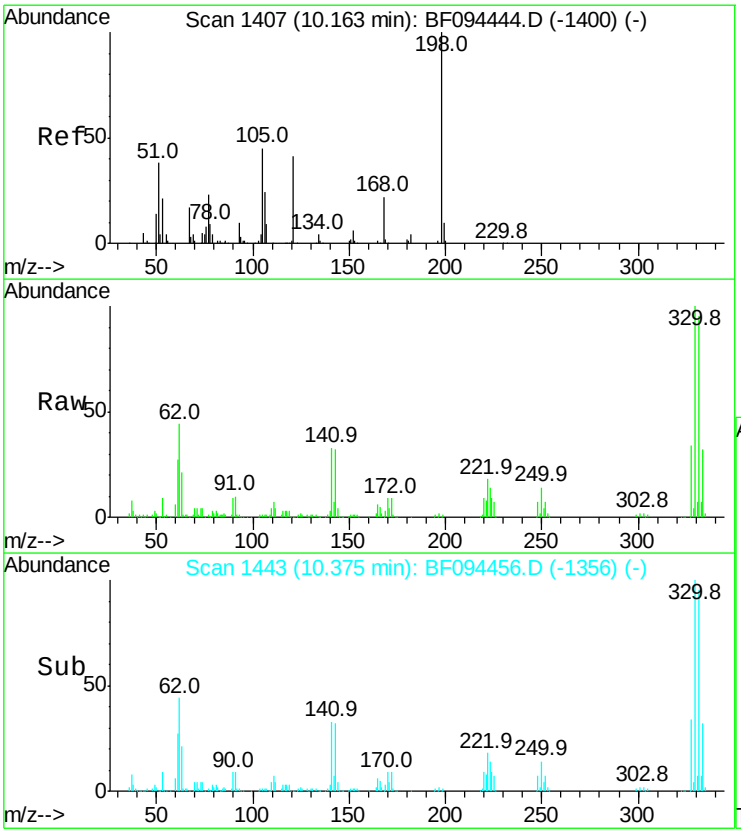
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 502355

Ion	Ratio	Lower	Upper
188	100		
94	10.2	9.4	14.2
80	10.5	10.2	15.2

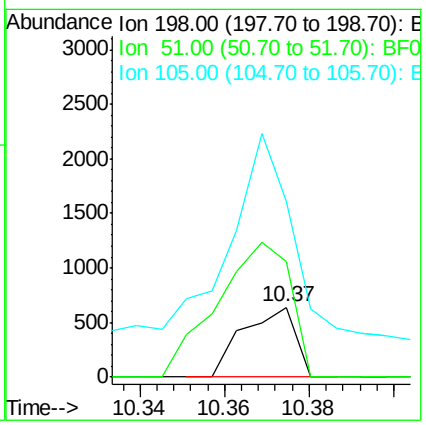


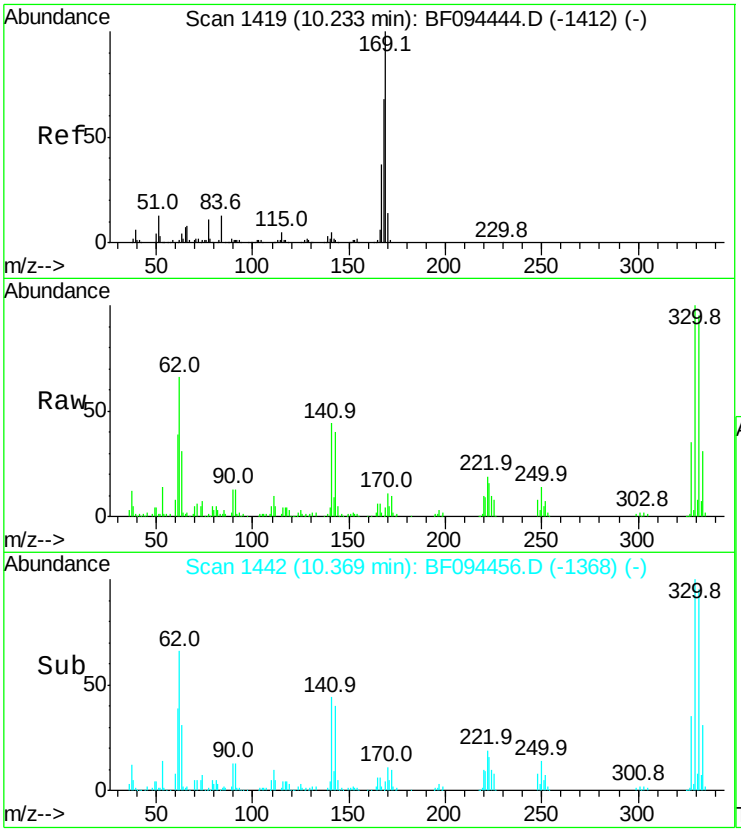


#64
4,6-Dinitro-2-methylphenol
Concen: 0.17 ng
RT: 10.37 min Scan# 1443
Delta R.T. 0.21 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:198 Resp: 551

Ion	Ratio	Lower	Upper
198	100		
51	165.6	53.2	93.2#
105	251.8	45.8	85.8#



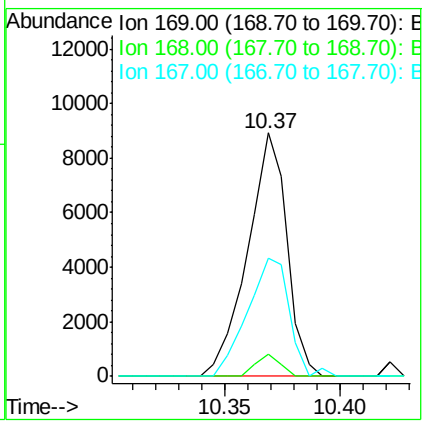


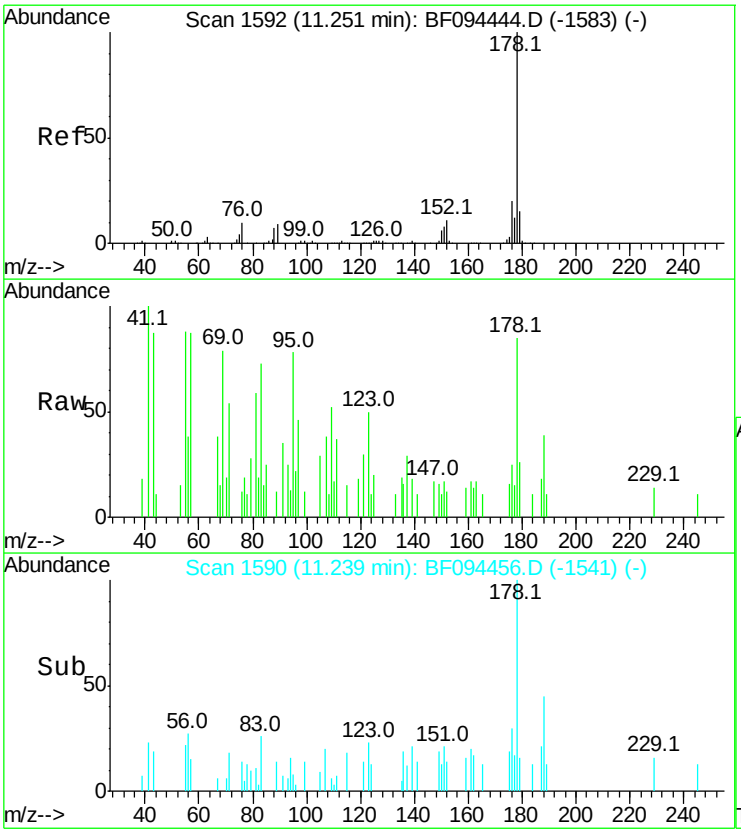
#65
n-Nitrosodiphenylamine
Concen: 0.60 ng
RT: 10.37 min Scan# 1442
Delta R.T. 0.14 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 10558

Ion	Ratio	Lower	Upper
169	100		
168	9.0	53.2	79.8#
167	48.6	29.5	44.3#

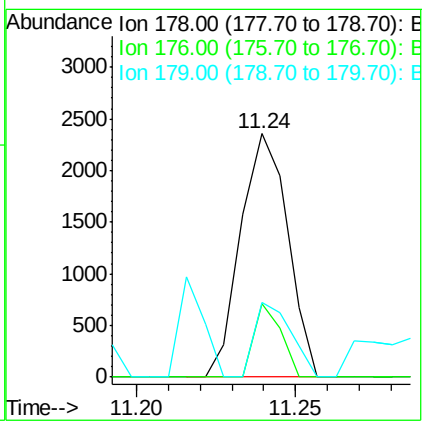


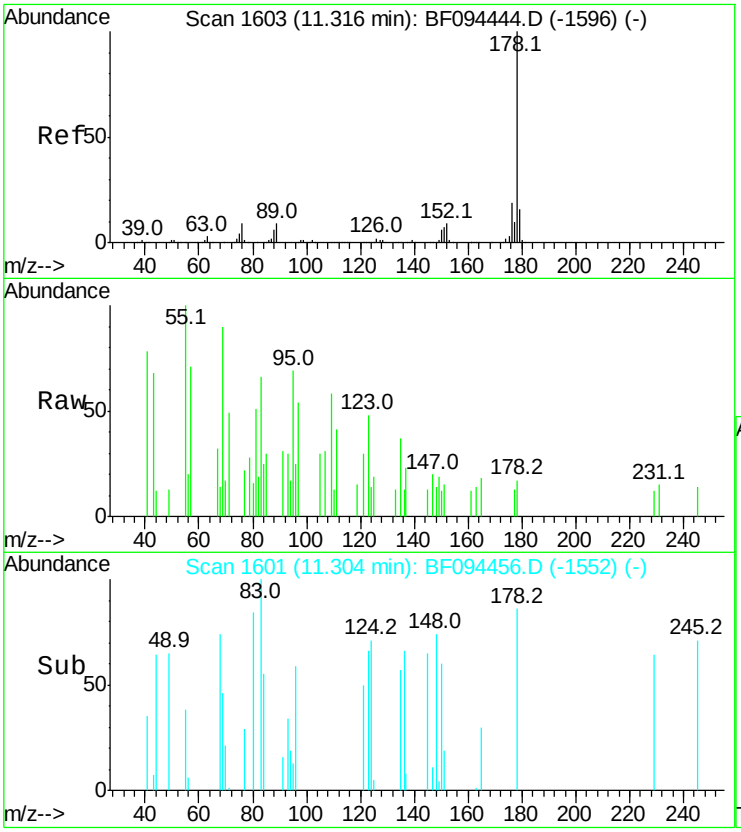


#70
Phenanthrene
Concen: 0.09 ng
RT: 11.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:178 Resp: 2425

Ion	Ratio	Lower	Upper
178	100		
176	29.9	16.2	24.4#
179	30.8	12.6	19.0#



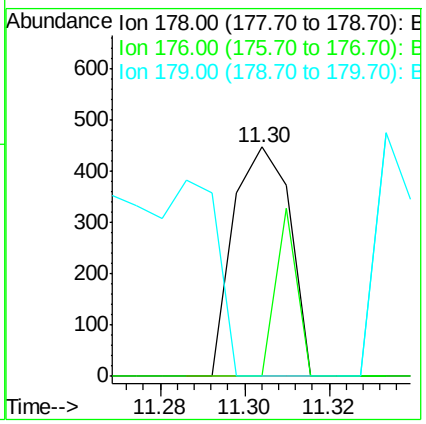


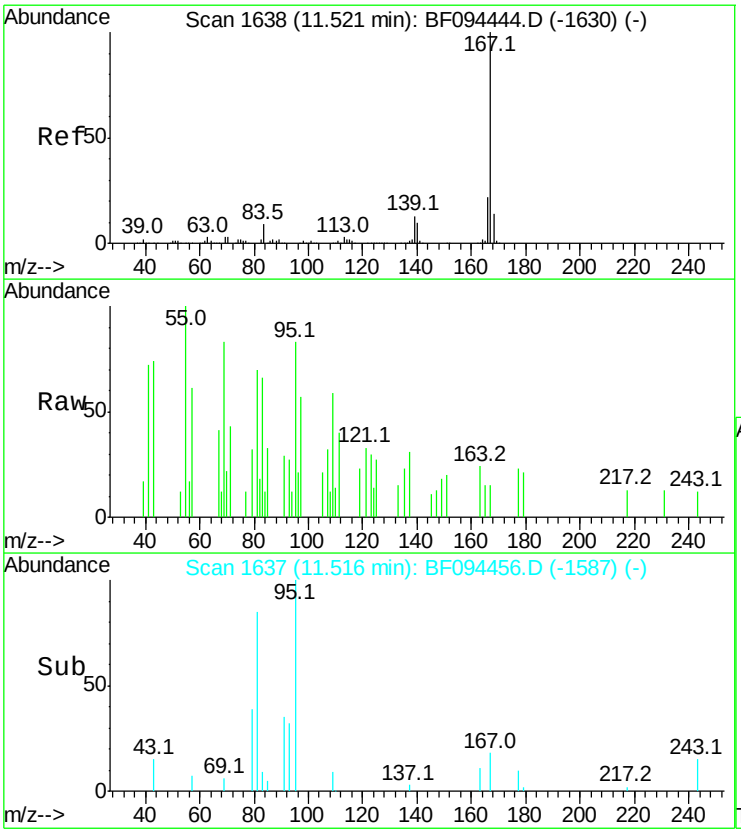
#71
Anthracene
Concen: 0.01 ng
RT: 11.30 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 416

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	0.0	12.7	19.1#

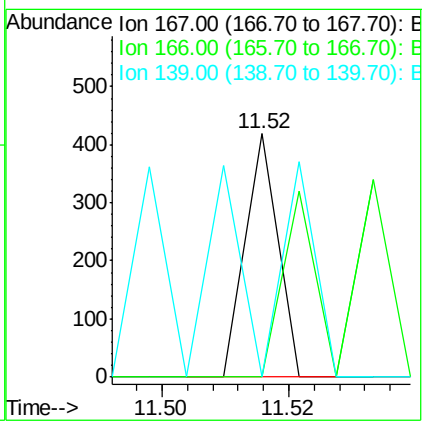


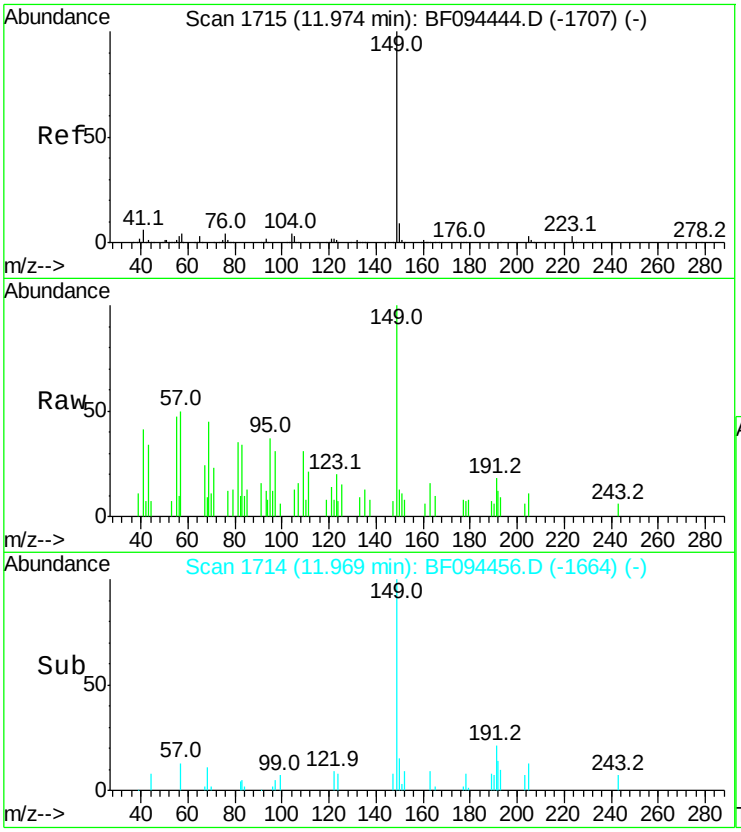


#72
Carbazole
Concen: 0.01 ng
RT: 11.52 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:167 Resp: 148

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.1	27.1#
139	0.0	11.7	17.5#



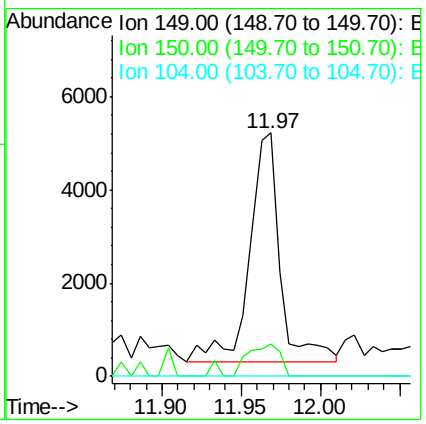


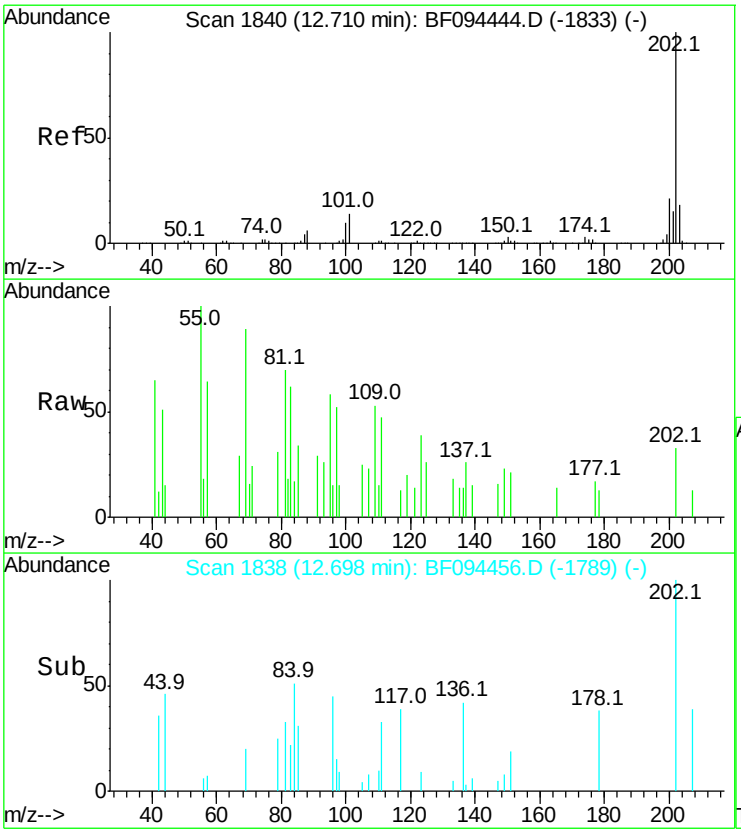
#73
Di-n-butylphthalate
Concen: 0.22 ng
RT: 11.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 6580

Ion	Ratio	Lower	Upper
149	100		
150	13.4	7.7	11.5#
104	0.0	4.0	6.0#

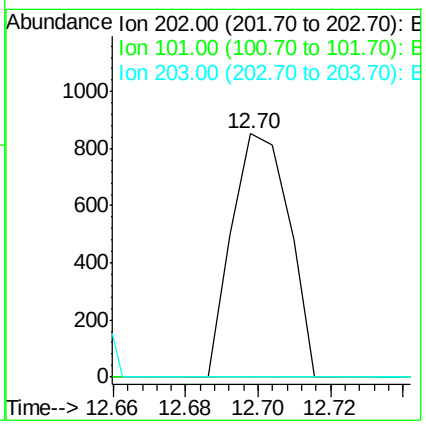


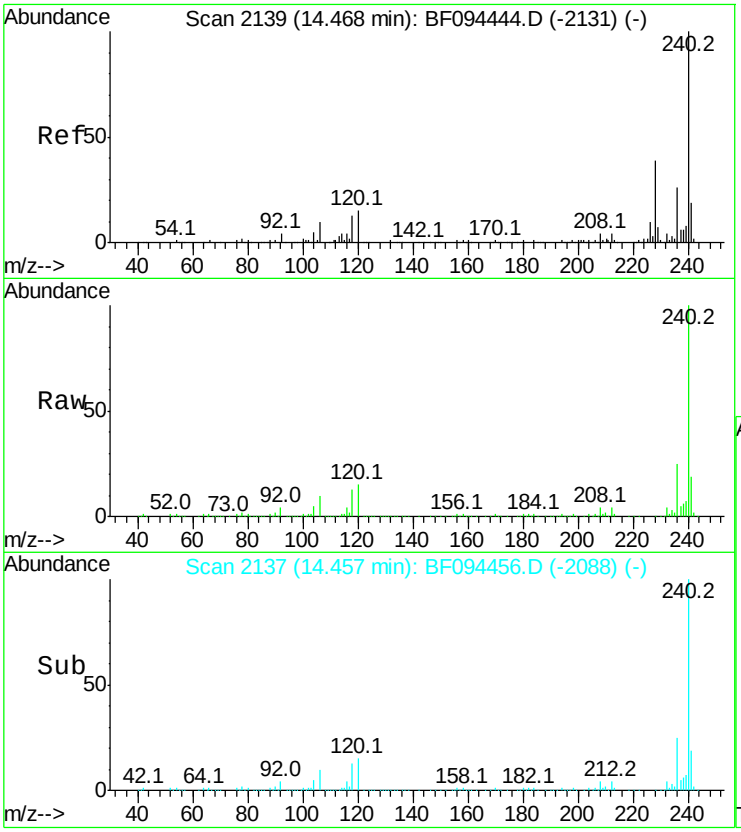


#74
Fluoranthene
Concen: 0.03 ng
RT: 12.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:202 Resp: 934

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



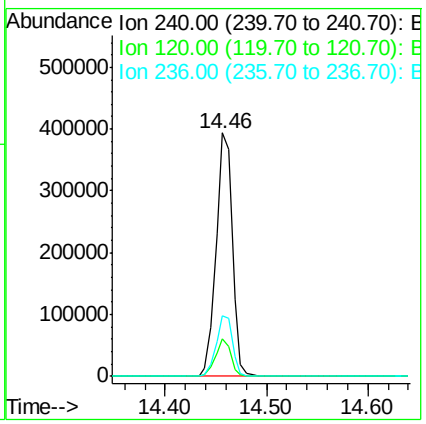


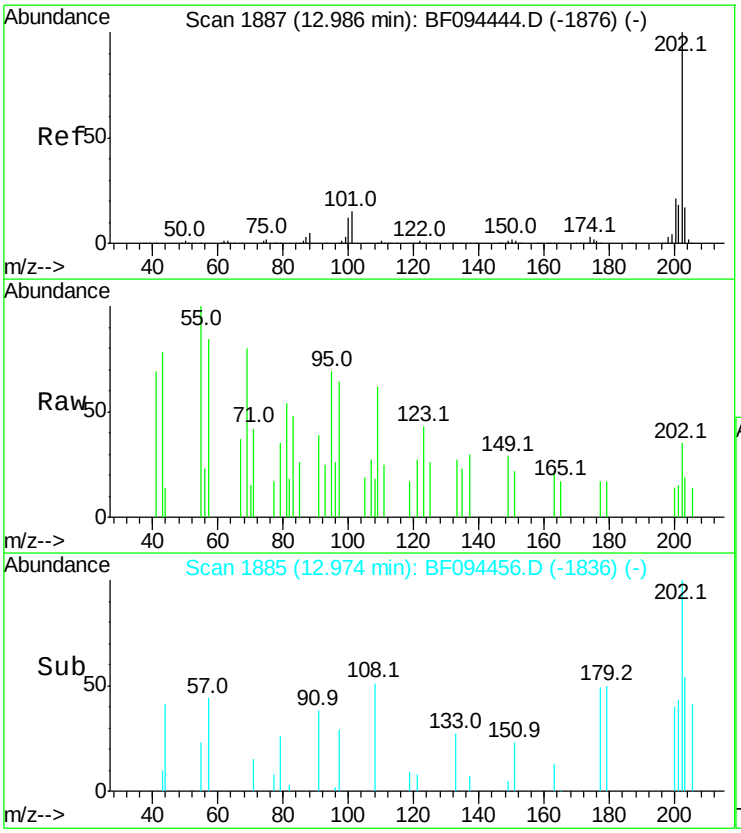
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 439708

Ion	Ratio	Lower	Upper
240	100		
120	15.5	5.8	8.8#
236	24.9	20.5	30.7

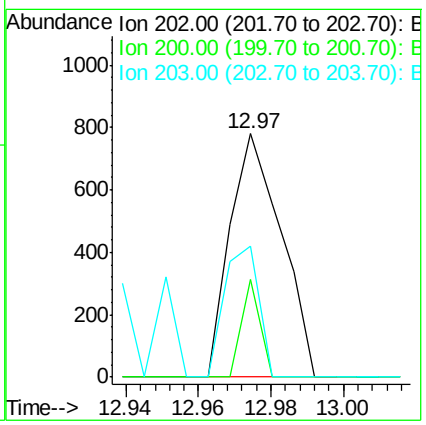


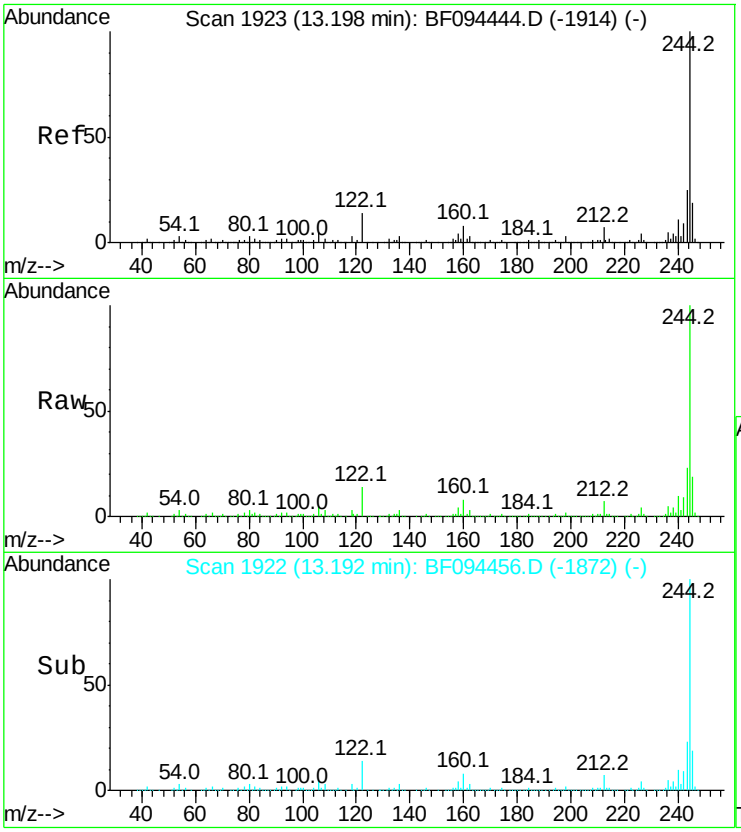


#77
Pyrene
Concen: 0.02 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:202 Resp: 765

Ion	Ratio	Lower	Upper
202	100		
200	40.1	17.6	26.4#
203	53.6	14.4	21.6#



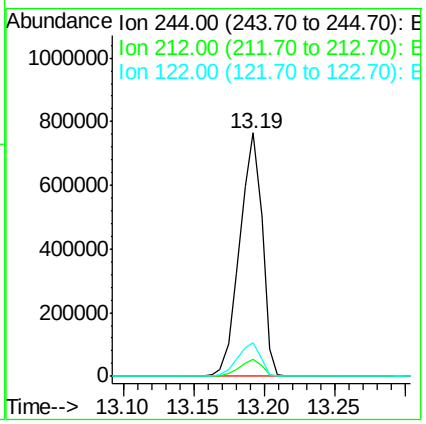


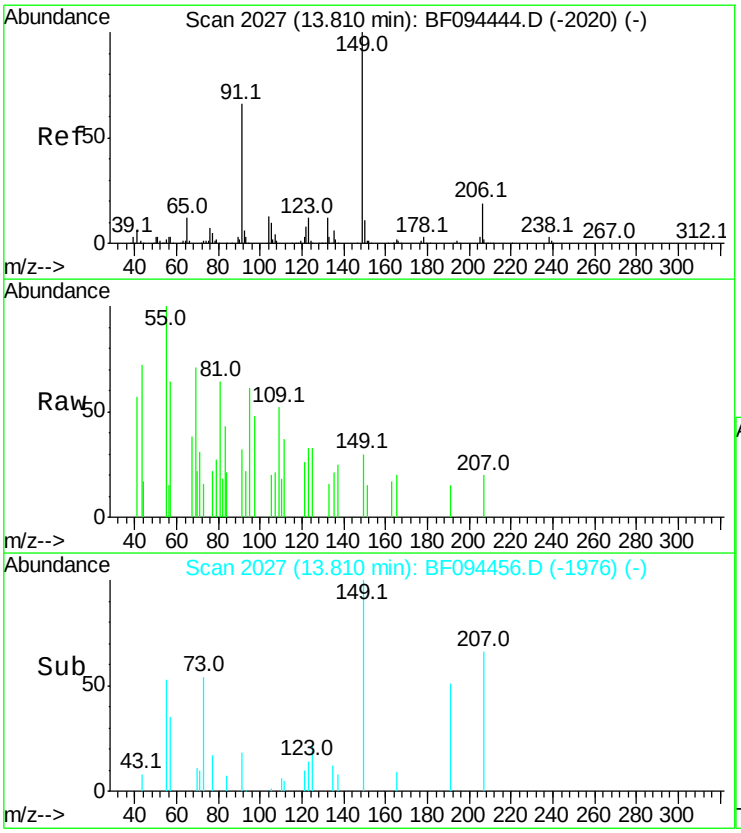
#78
Terphenyl-d14
Concen: 51.86 ng
RT: 13.19 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 853114

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

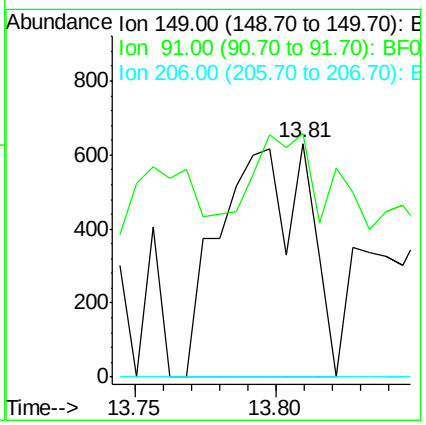


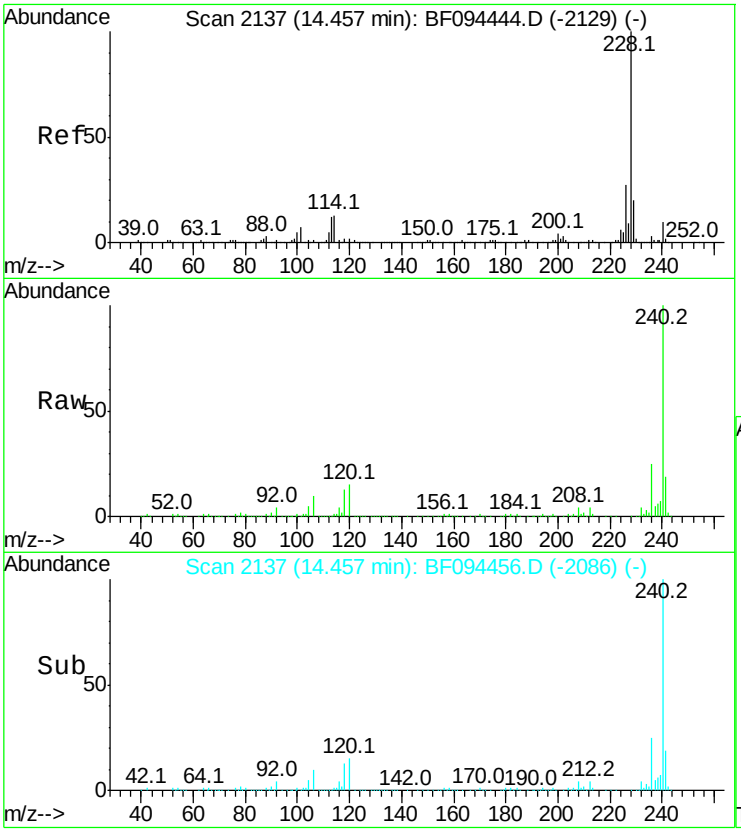


#79
Butylbenzylphthalate
Concen: 0.10 ng
RT: 13.81 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:149 Resp: 1328

Ion	Ratio	Lower	Upper
149	100		
91	104.1	45.0	67.4#
206	0.0	17.0	25.6#



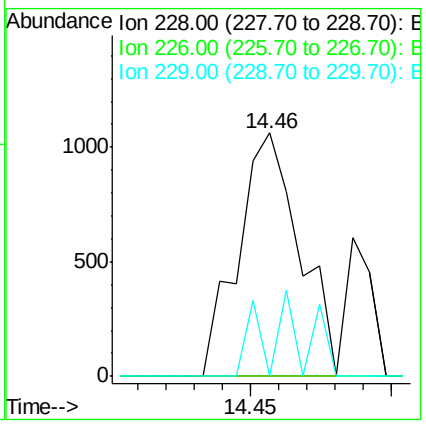


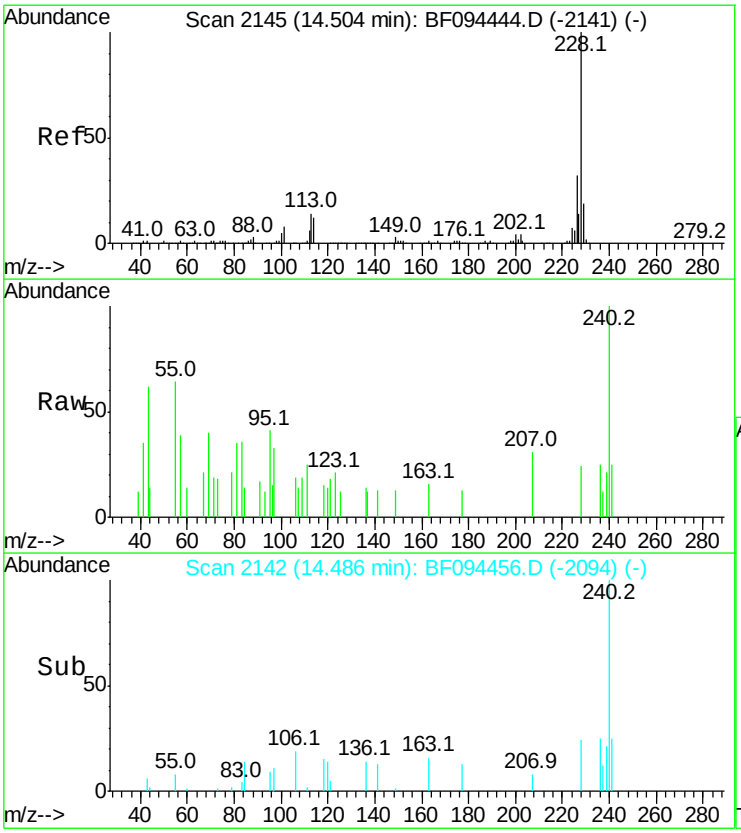
#80
Benzo(a)anthracene
Concen: 0.06 ng
RT: 14.46 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 1605

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.6	33.8#
229	0.0	16.3	24.5#

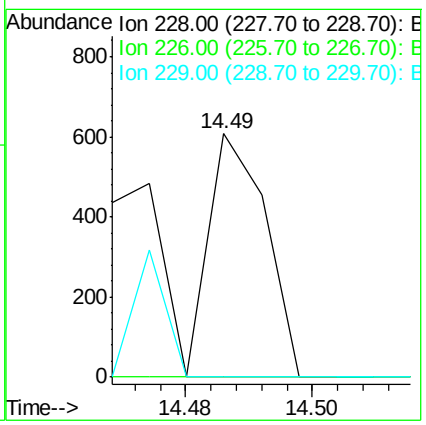


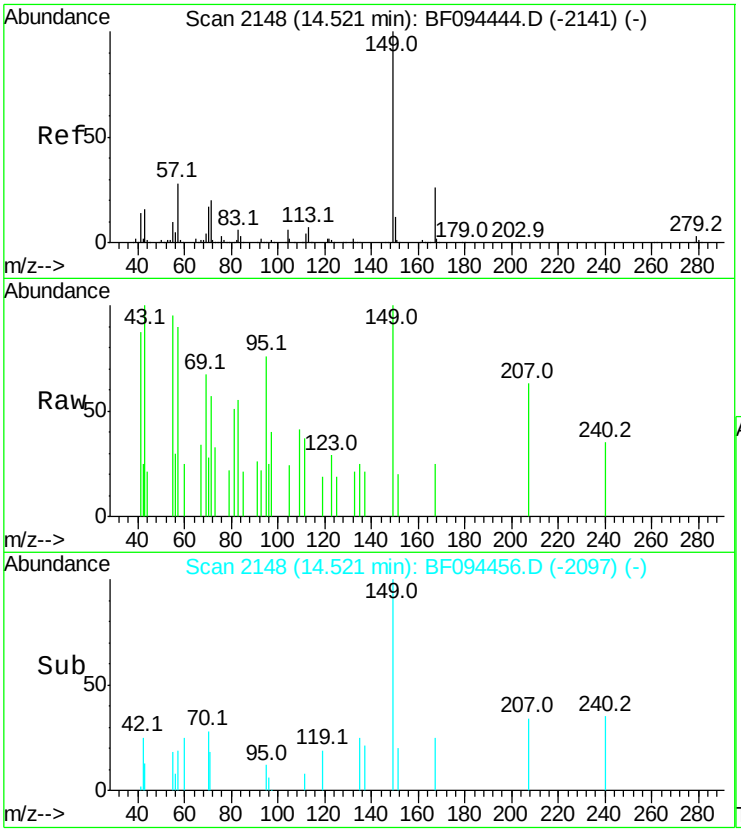


#82
Chrysene
Concen: 0.02 ng
RT: 14.49 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:228 Resp: 375

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.9	37.3#
229	0.0	15.8	23.6#



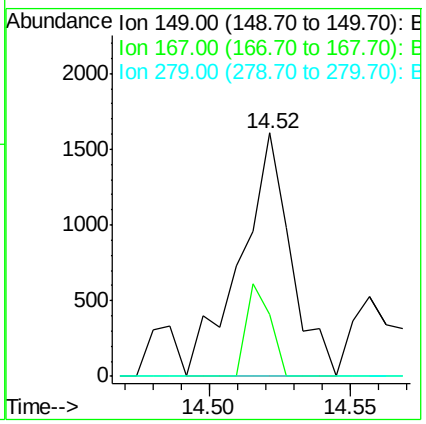


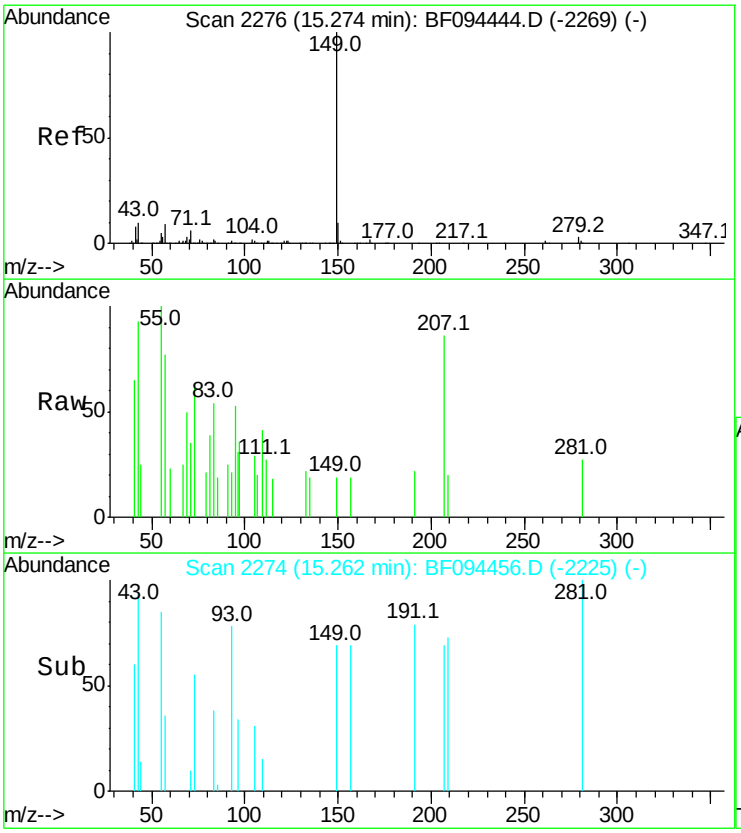
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 14.52 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1980

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.0	31.4
279	0.0	1.9	2.9#

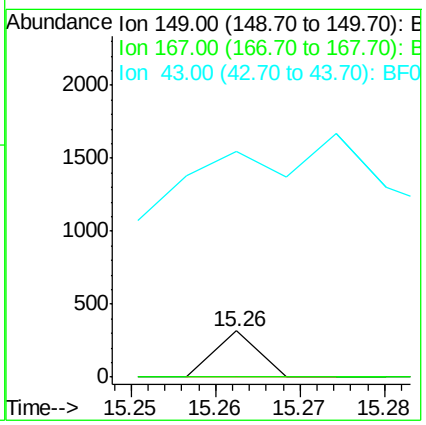


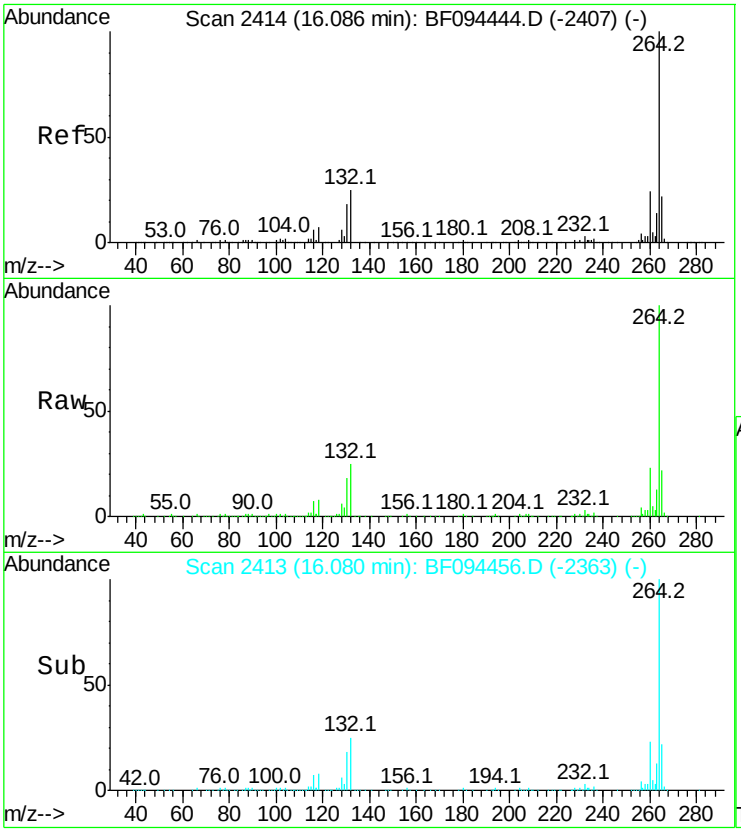


#84
Di-n-octyl phthalate
Concen: 0.00 ng
RT: 15.26 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:149 Resp: 112

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	631.3	8.5	12.7#



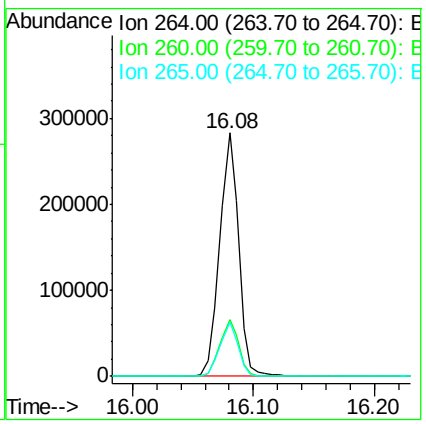


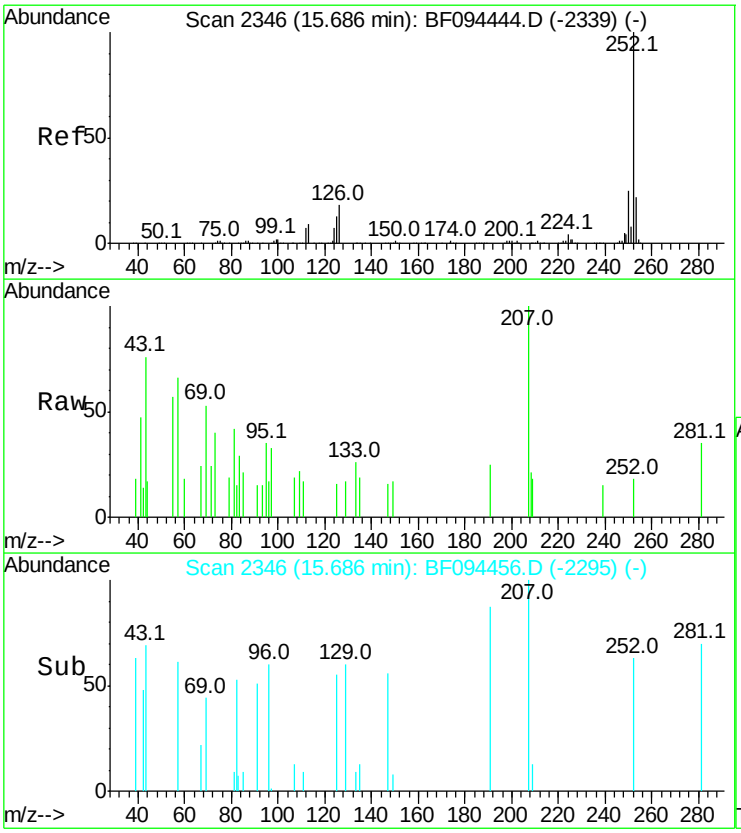
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 307115

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.1	17.2	25.8

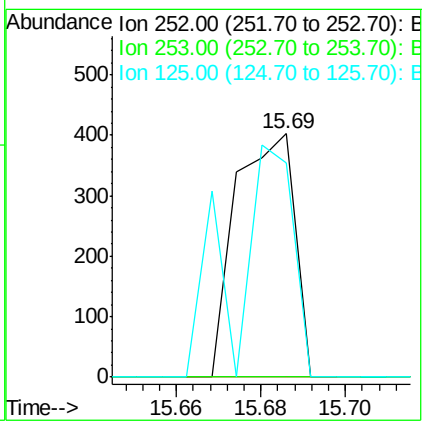


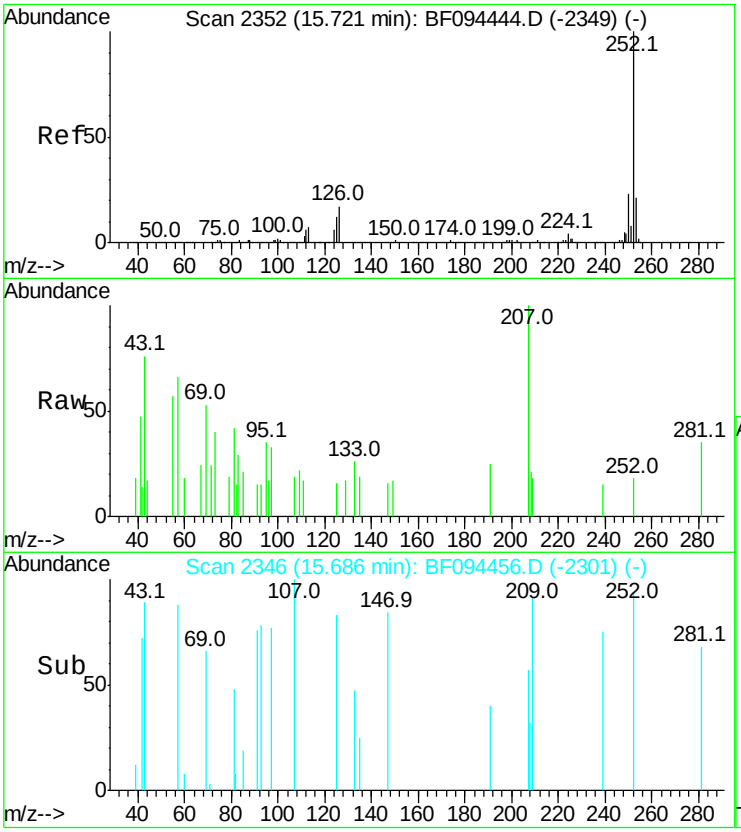


#87
Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 15.69 min Scan# 2346
Delta R.T. 0.00 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:252 Resp: 390

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	88.1	9.8	14.8#



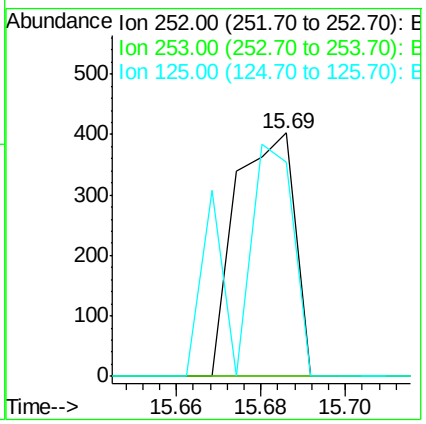


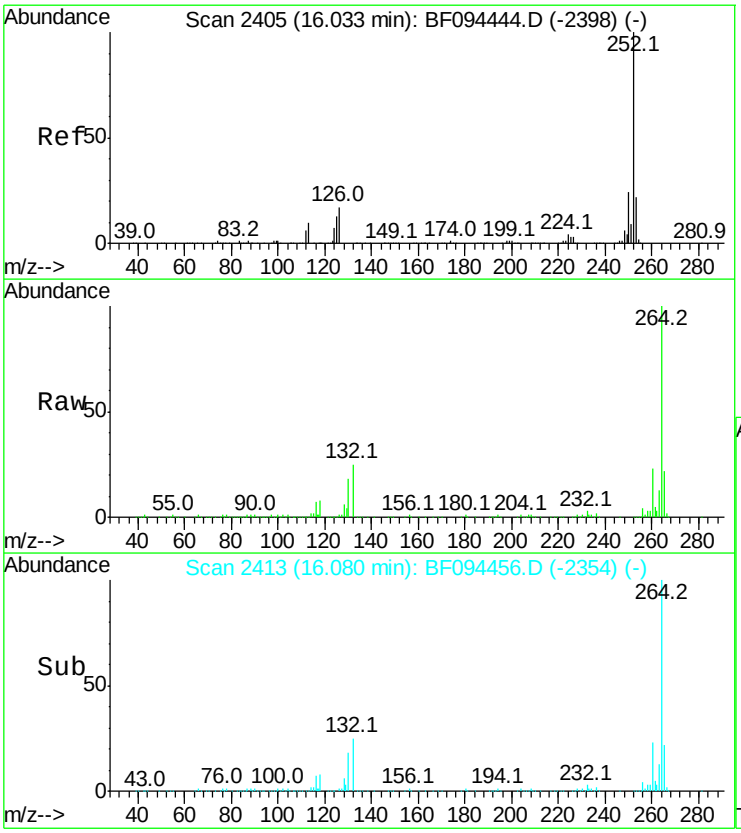
#88
Benzo(k)fluoranthene
Concen: 0.02 ng
RT: 15.69 min Scan# 2346
Delta R.T. -0.04 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 390

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.4	27.6#
125	88.1	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 16.08 min Scan# 2413
Delta R.T. 0.05 min
Lab File: BF094456.D
Acq: 17 Apr 2017 18:23

Tgt Ion:252 Resp: 1094

Ion	Ratio	Lower	Upper
252	100		
253	31.7	17.5	26.3#
125	30.4	11.0	16.4#