Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096297.D
Acq On : 29 Jun 2017 17:49
Operator : SJ/MA
Sample : I3952-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 01:06:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	289562	20.00	ng		0.15
21) Naphthalene-d8	8.29	136	113	20.00	ng		0.23
38) Acenaphthene-d10	10.09	164	399	20.00	ng		0.28
63) Phenanthrene-d10	11.43	188	122	20.00	ng		0.15
75) Chrysene-d12	14.07	240	370	20.00	ng		0.16
86) Perylene-d12	15.50	264	1234	20.00	ng		0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	828448	41.22	ng		0.00
7) Phenol-d6	6.40	99	1149093	47.22	ng		0.00
23) Nitrobenzene-d5	7.33	82	634542	388729.37	ng		-0.03
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.13	172	926532	42526.65	ng		-0.02
78) Terphenyl-d14	12.87	244	759316	51208.36	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	1925	Below Cal	#		1
19) n-Nitroso-di-n-propylamine	7.33	70	82811	5.68	ng	#	88
22) Acetophenone	7.42	105	141	60.04	ng	#	1
24) Nitrobenzene	7.77	77	27976	15477.59	ng	#	53
25) Isophorone	7.75	82	110	29.67	ng	#	67
27) 2,4-Dimethylphenol	7.82	122	1481	884.16	ng	#	49
28) bis(2-Chloroethoxy)methane	8.07	93	496	197.52	ng	#	38
29) 2,4-Dichlorophenol	7.91	162	114	79.80	ng	#	1
31) Naphthalene	8.07	128	16359	3003.69	ng		99
32) Benzoic acid	8.07	122	148	110.79	ng	#	5
33) 4-Chloroaniline	8.07	127	2237	992.21	ng	#	44
35) Caprolactam	8.49	113	438	887.20	ng	#	1
36) 4-Chloro-3-methylphenol	8.82	107	444	285.65	ng	#	14
37) 2-Methylnaphthalene	8.86	142	5421	1532.27	ng		96
45) 1,1'-Biphenyl	9.23	154	3163	103.32	ng		72
46) 2-Chloronaphthalene	9.52	162	2674	105.30	ng	#	1
47) 2-Nitroaniline	9.63	65	548	68.32	ng	#	7
48) Acenaphthylene	9.66	152	9684	229.81	ng		98
49) Dimethylphthalate	9.52	163	296374	10379.20	ng		98
50) 2,6-Dinitrotoluene	9.88	165	294	49.50	ng	#	46
51) Acenaphthene	9.83	154	8133	327.96	ng		98
52) 3-Nitroaniline	10.05	138	122	16.04	ng	#	1
53) 2,4-Dinitrophenol	10.21	184	107	51.02	ng	#	1
54) Dibenzofuran	10.42	168	2660	82.14	ng	#	62
55) 4-Nitrophenol	10.20	139	278	45.20	ng	#	1
56) 2,4-Dinitrotoluene	10.29	165	1053	140.66	ng	#	44
57) Fluorene	10.62	166	467	15.81	ng	#	32
59) Diethylphthalate	10.52	149	636	22.18	ng	#	49
60) 4-Chlorophenyl-phenylether	10.66	204	107	8.03	ng	#	21
61) 4-Nitroaniline	10.72	138	2456	371.15	ng		89
62) Azobenzene	10.82	77	1203	41.61	ng	#	22
64) 4,6-Dinitro-2-methylphenol	10.59	198	408	529.85	ng	#	1
65) n-Nitrosodiphenylamine	10.39	169	1034	235.66	ng		91
70) Phenanthrene	11.36	178	34980	6883.48	ng		97

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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 30 01:06:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) Anthracene	11.36	178	34980	5130.73	ng		97
72) Carbazole	11.51	167	16581	2202.98	ng		98
73) Di-n-butylphthalate	11.99	149	5747	723.14	ng	#	70
74) Fluoranthene	12.72	202	231766	34198.67	ng		93
76) Benzidine	12.76	184	347	25.01	ng	#	1
77) Pyrene	12.72	202	231766	7622.02	ng		98
79) Butylbenzylphthalate	13.54	149	2037	146.19	ng	#	65
80) Benzo(a)anthracene	13.94	228	78972	3501.40	ng		95
81) 3,3'-Dichlorobenzidine	14.04	252	230	26.78	ng	#	1
82) Chrysene	13.90	228	80957	3470.52	ng		95
83) Bis(2-ethylhexyl)phthalate	14.03	149	1360	89.81	ng	#	85
84) Di-n-octyl phthalate	14.68	149	4269	136.87	ng	#	12
85) Indeno(1,2,3-cd)pyrene	16.72	276	51775	2673.81	ng		98
87) Benzo(b)fluoranthene	15.03	252	14662	180.87	ng	#	64
88) Benzo(k)fluoranthene	15.27	252	67897	917.46	ng		99
89) Benzo(a)pyrene	15.37	252	17530	244.84	ng	#	84
90) Dibenzo(a,h)anthracene	16.94	278	11203	199.83	ng	#	74
91) Benzo(g,h,i)perylene	17.14	276	57817	992.15	ng		96

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

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Instrument :
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Quant Time: Jun 30 01:06:29 2017
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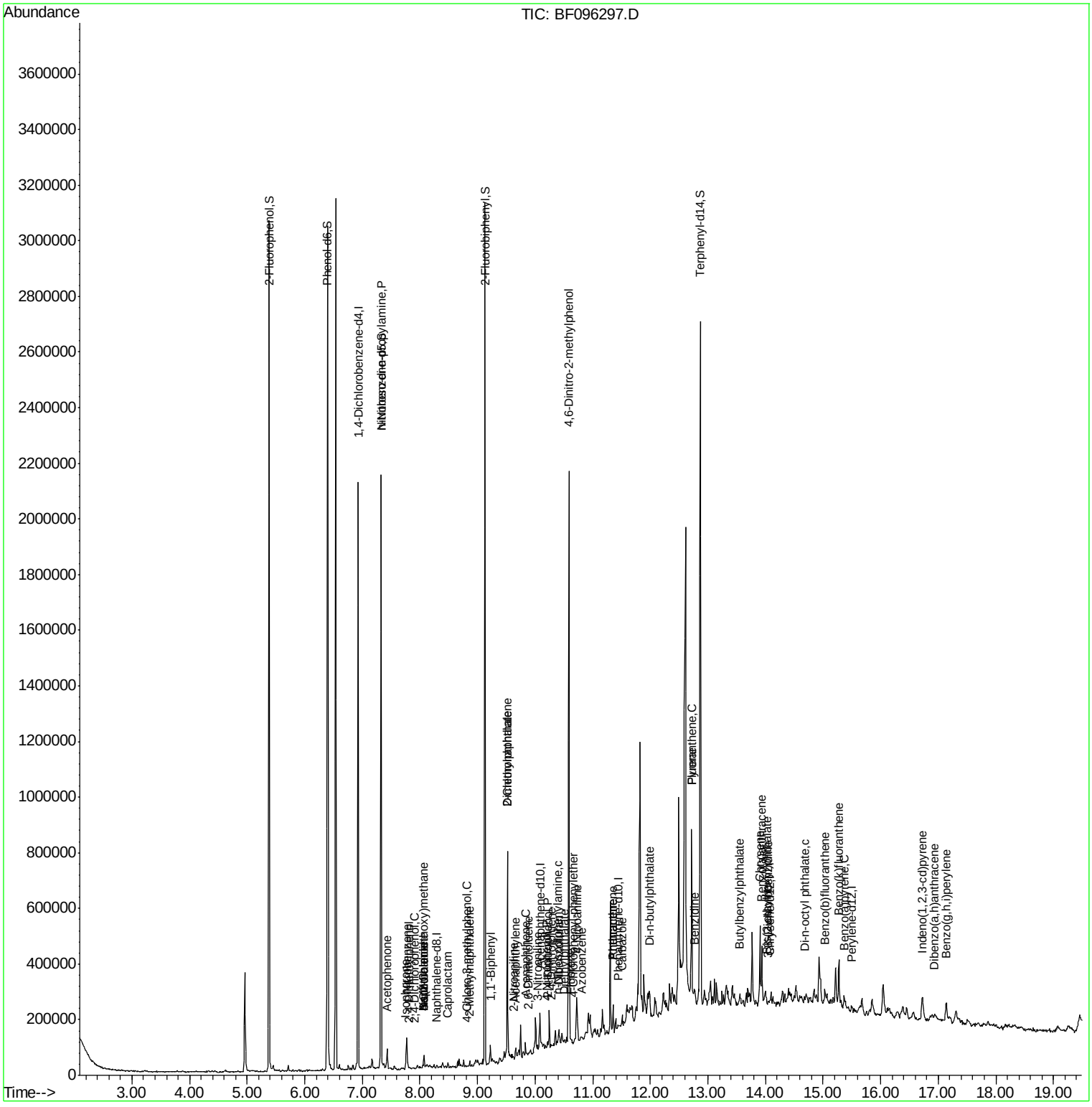
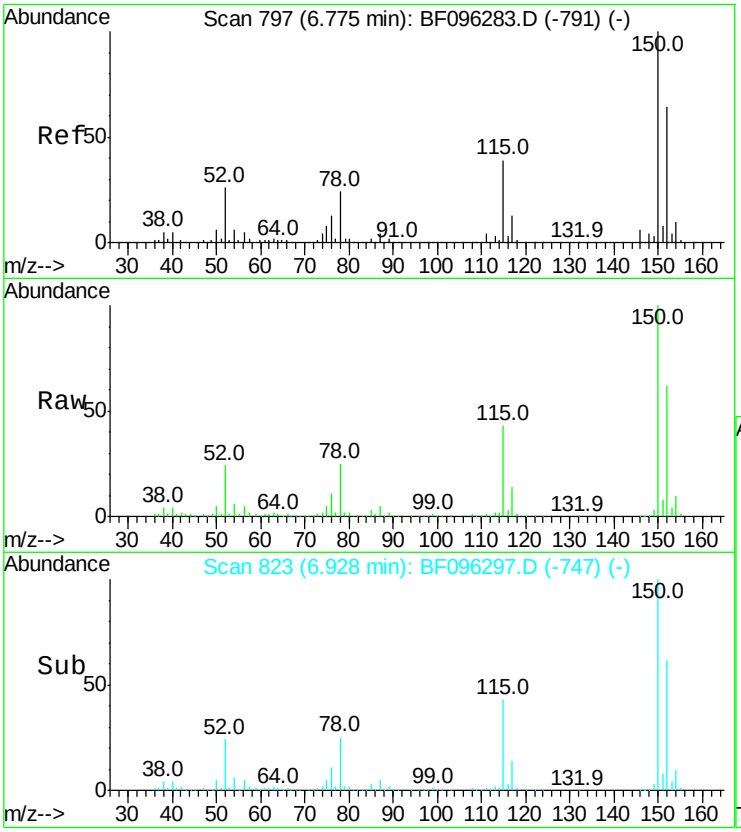
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration



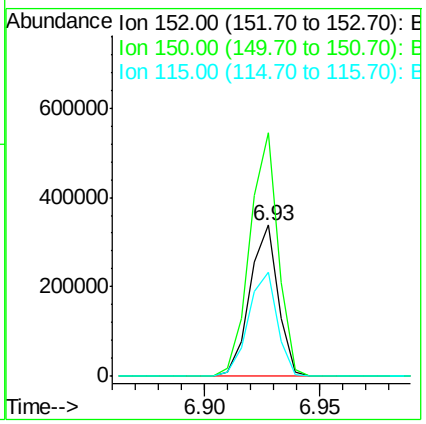


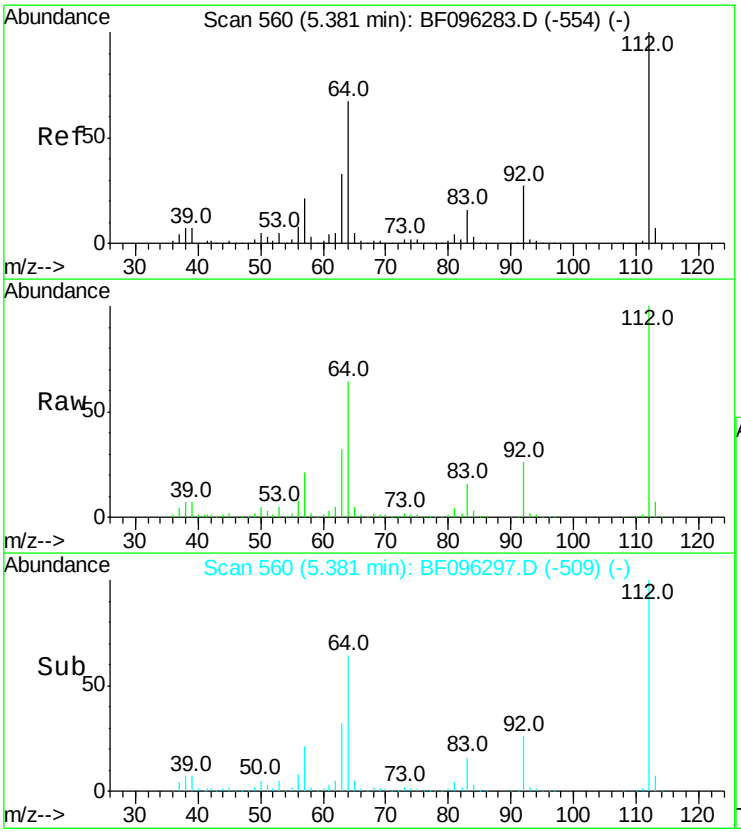
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.15 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 289562

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.2
115	68.9	52.2	78.2

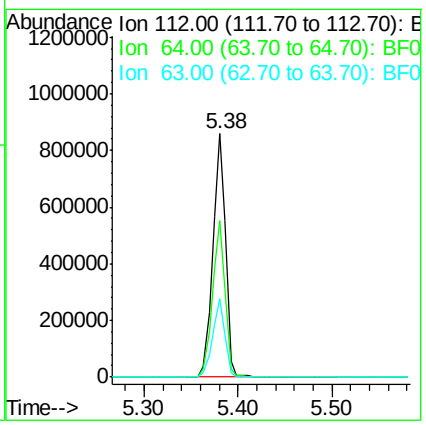


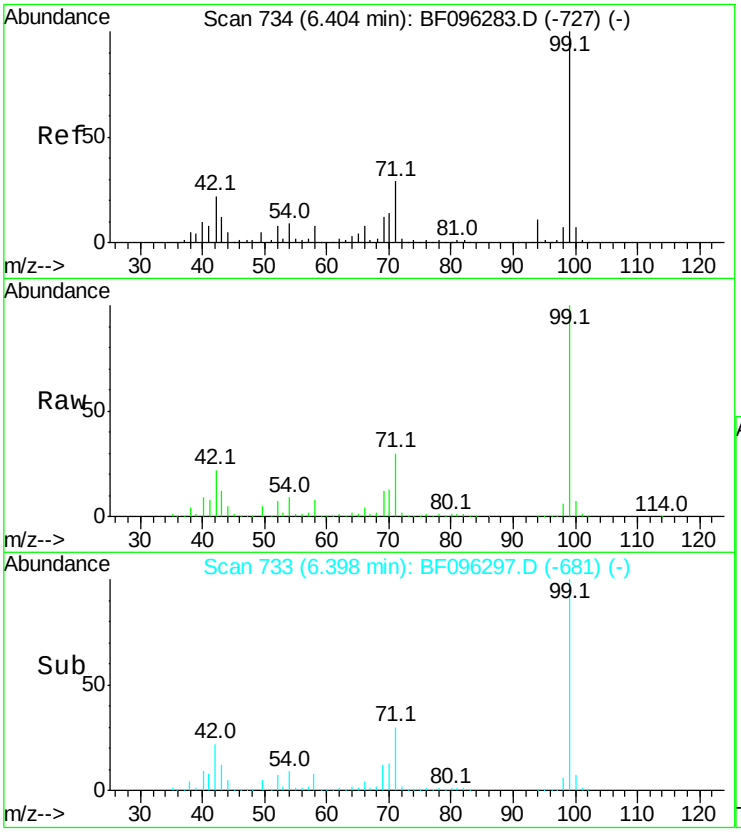


#5
2-Fluorophenol
Concen: 41.22 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:112 Resp: 828448

Ion	Ratio	Lower	Upper
112	100		
64	64.5	46.0	69.0
63	32.3	23.4	35.0



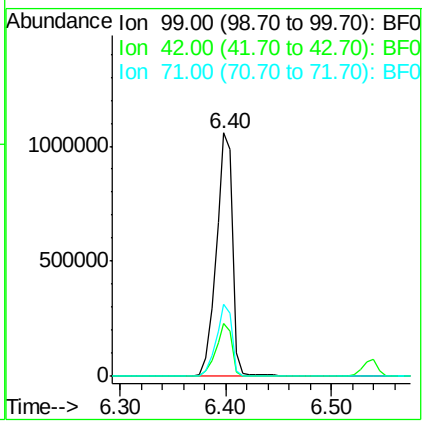


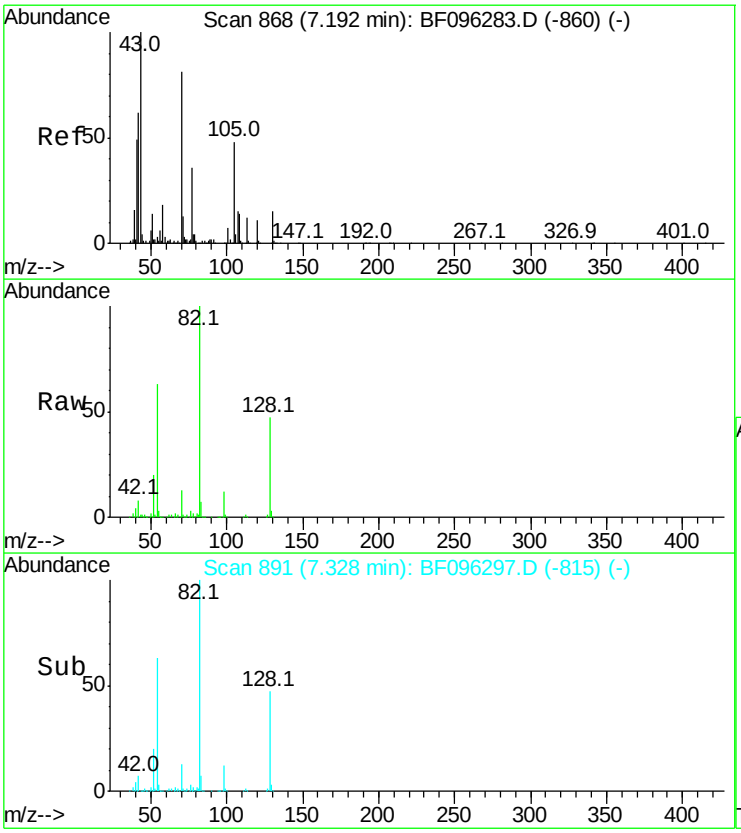
#7
Phenol-d6
Concen: 47.22 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1149093

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	29.5	24.5	36.7

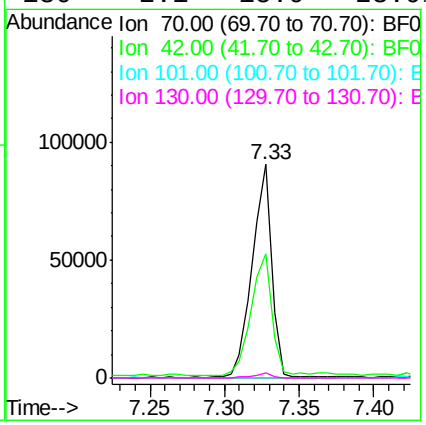


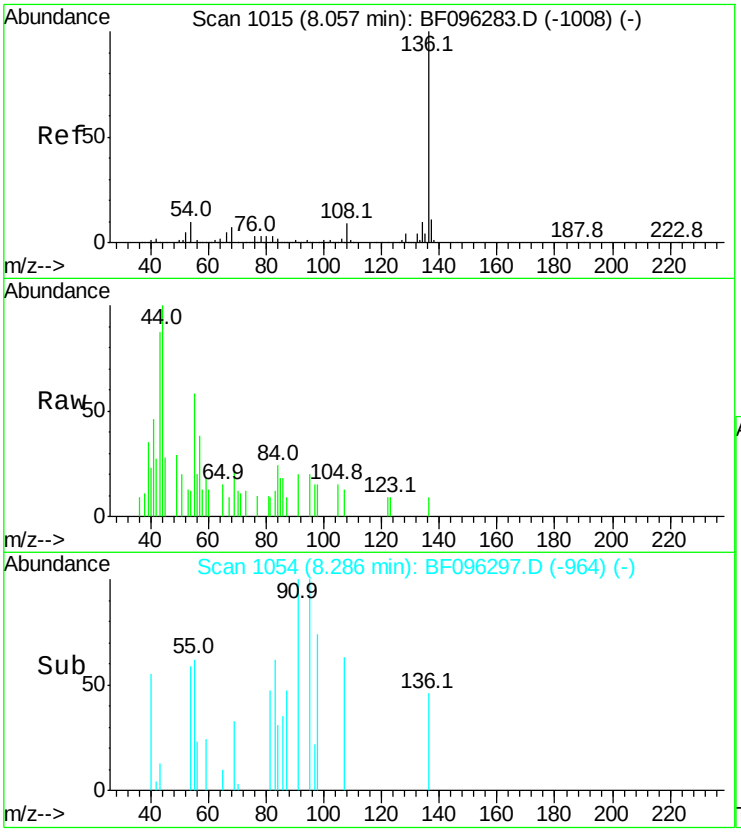


#19
n-Nitroso-di-n-propylamine
Concen: 5.68 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion: 70 Resp: 82811

Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.1	15.9	23.9#



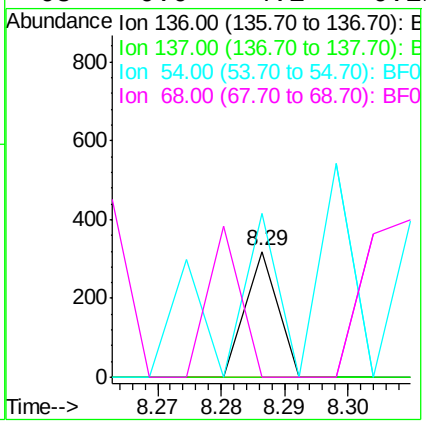


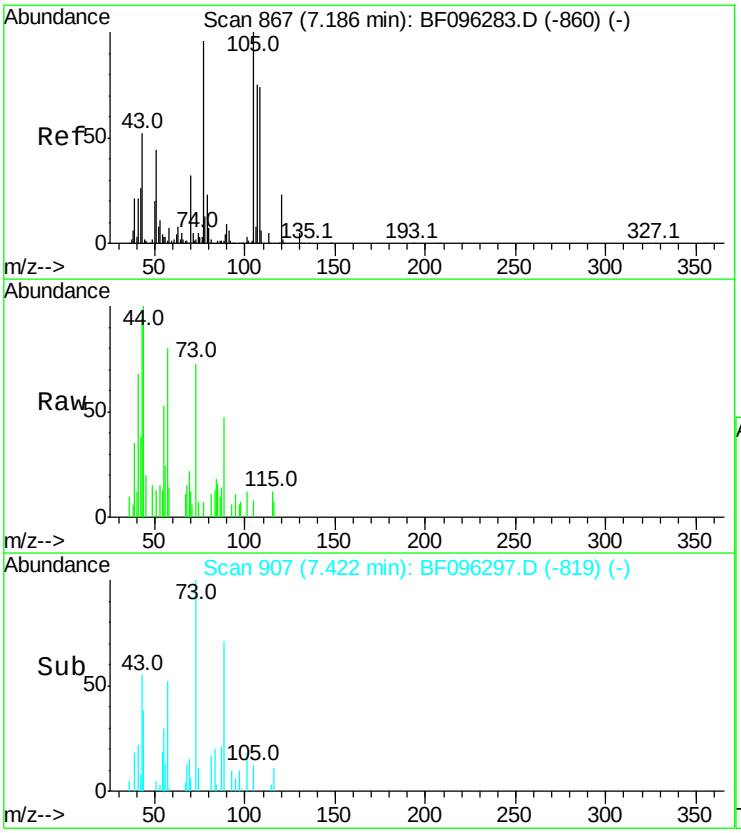
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.23 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 113

Ion	Ratio	Lower	Upper
136	100		
137	0.0	8.5	12.7#
54	129.7	4.9	7.3#
68	0.0	4.1	6.1#

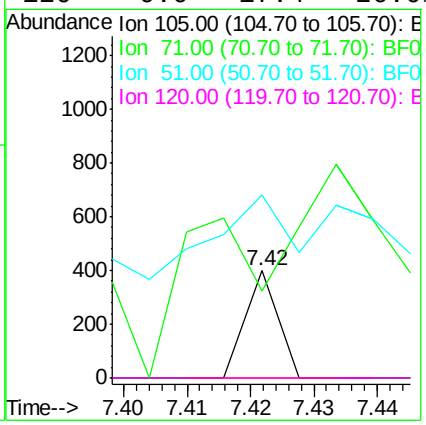


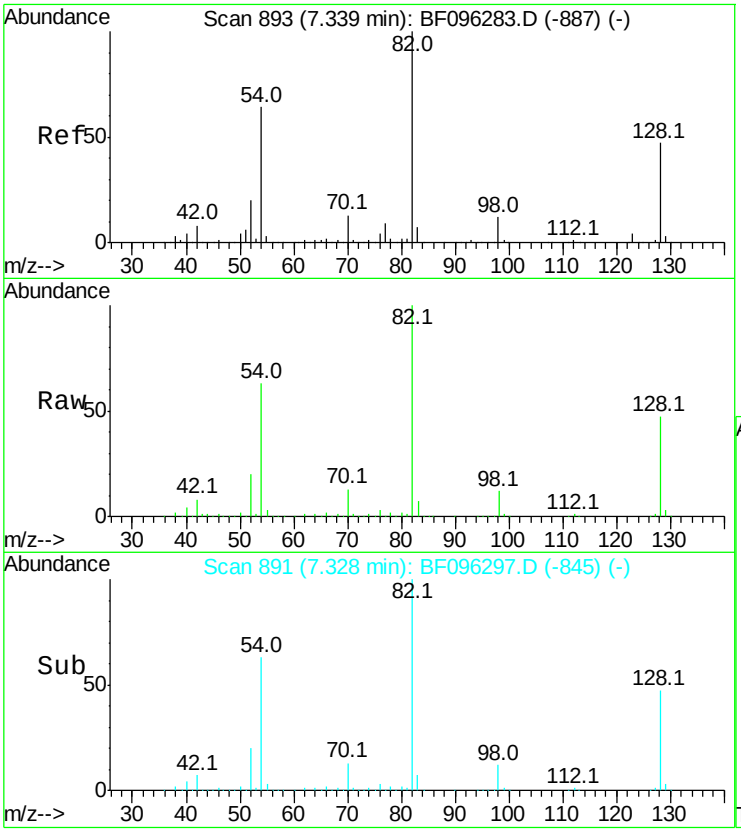


#22
Acetophenone
Concen: 60.04 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.22 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:105 Resp: 141

Ion	Ratio	Lower	Upper
105	100		
71	80.5	2.8	4.2#
51	170.3	30.7	46.1#
120	0.0	17.4	26.0#



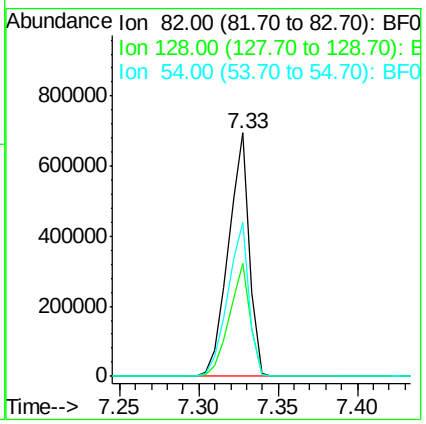


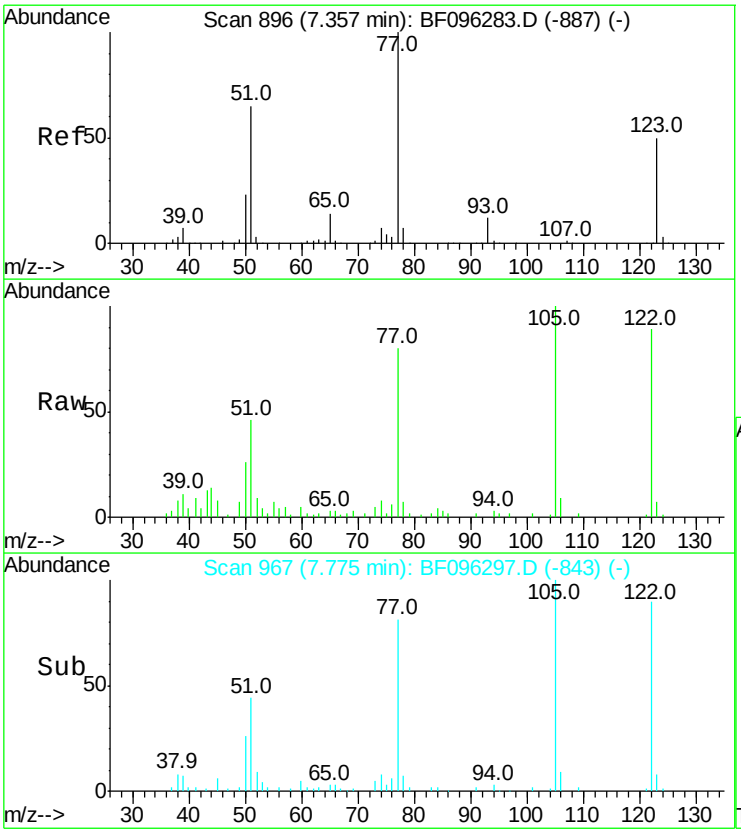
#23
Nitrobenzene-d5
Concen: 388729.37 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 634542

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.0	51.0
54	63.4	42.2	63.2#

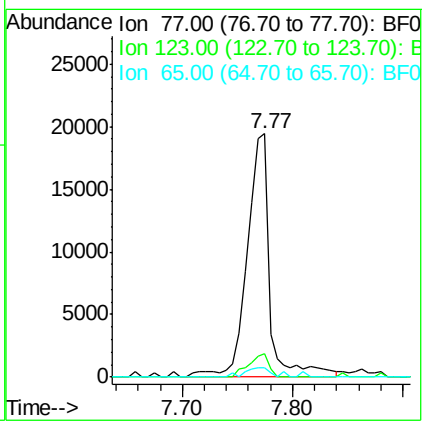


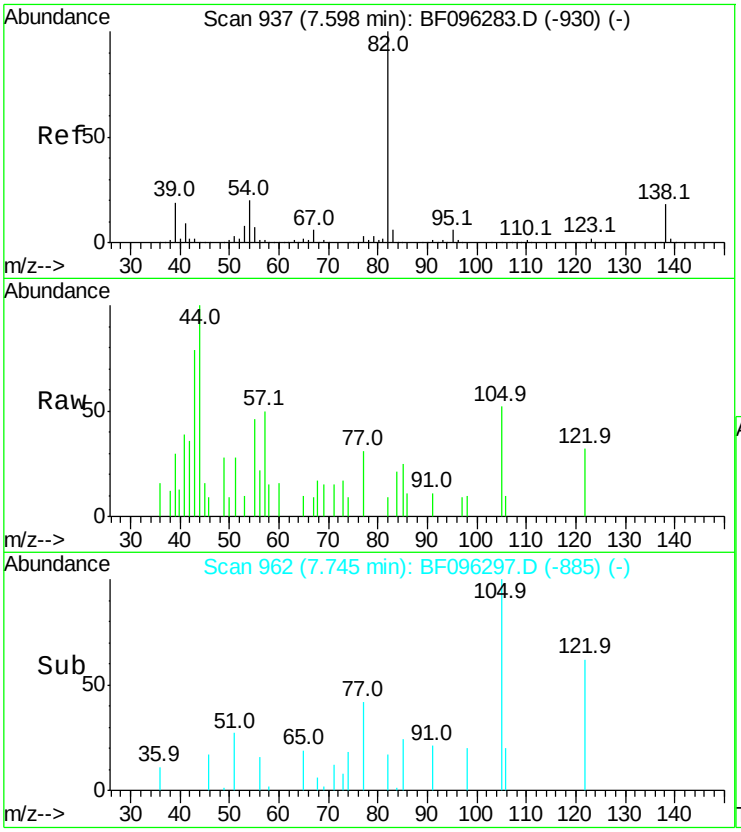


#24
Nitrobenzene
Concen: 15477.59 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.43 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion: 77 Resp: 27976

Ion	Ratio	Lower	Upper
77	100		
123	9.4	35.8	53.8#
65	3.9	10.6	15.8#



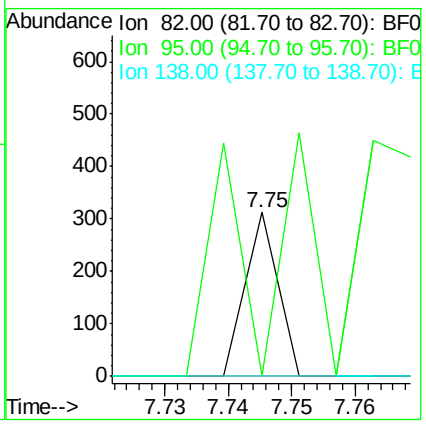


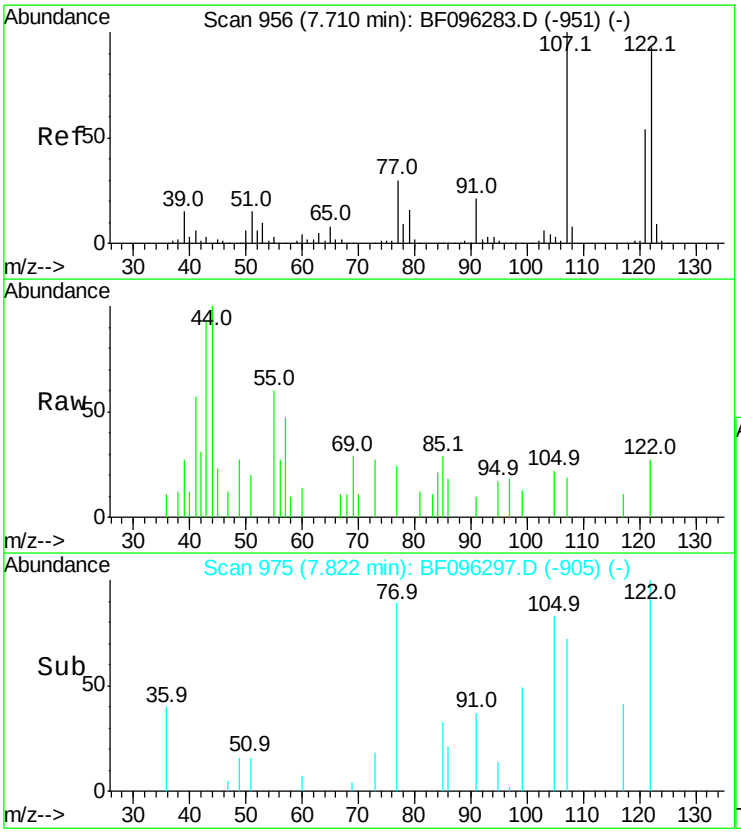
#25
Isophorone
Concen: 29.67 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.15 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 110

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

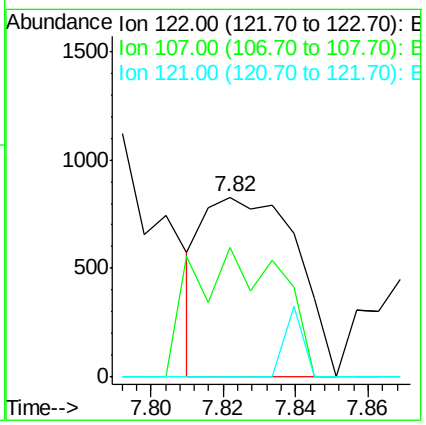


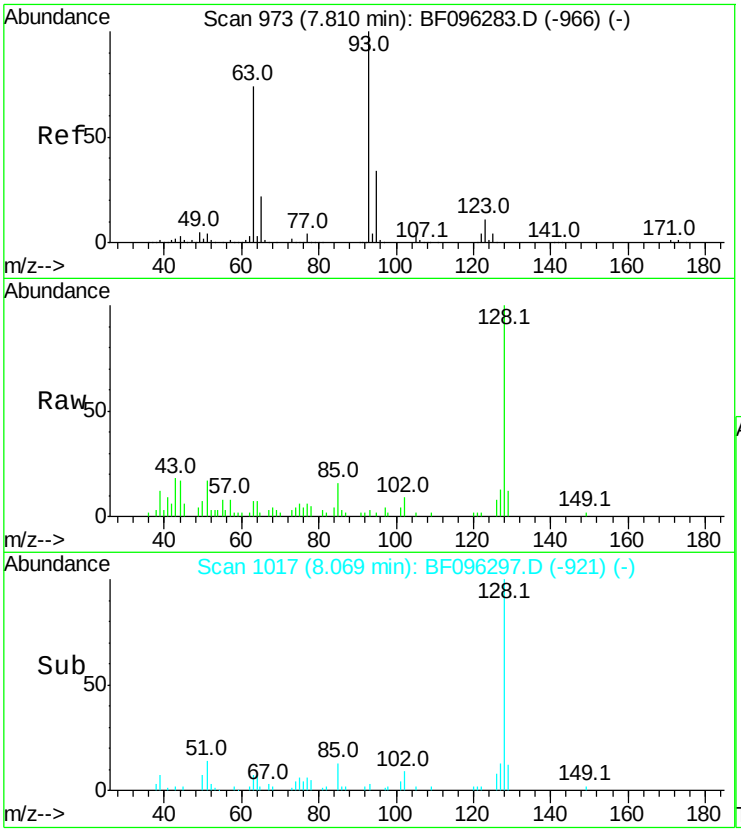


#27
2,4-Dimethylphenol
Concen: 884.16 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.11 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:122 Resp: 1481

Ion	Ratio	Lower	Upper
122	100		
107	71.7	89.2	133.8#
121	0.0	45.2	67.8#



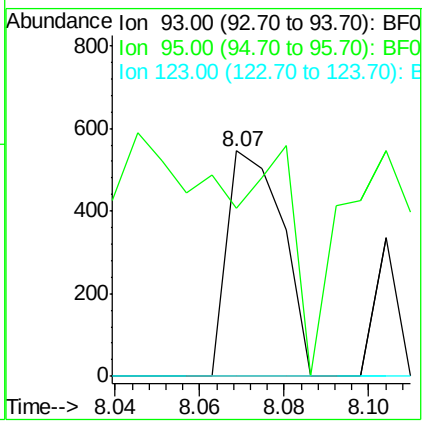


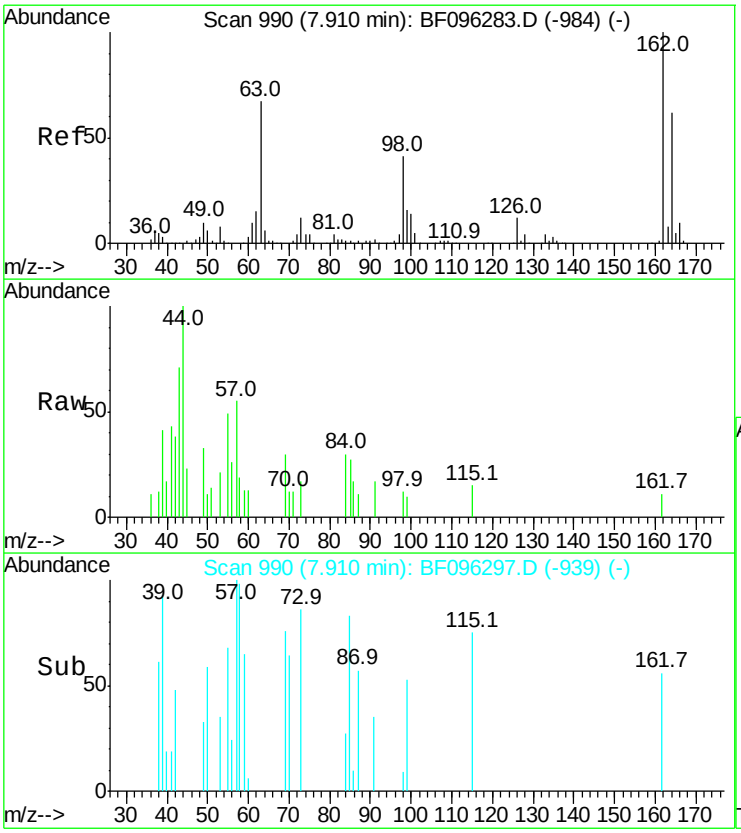
#28
bis(2-Chloroethoxy)methane
Concen: 197.52 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.26 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 496

Ion	Ratio	Lower	Upper
93	100		
95	74.7	26.5	39.7#
123	0.0	9.0	13.4#

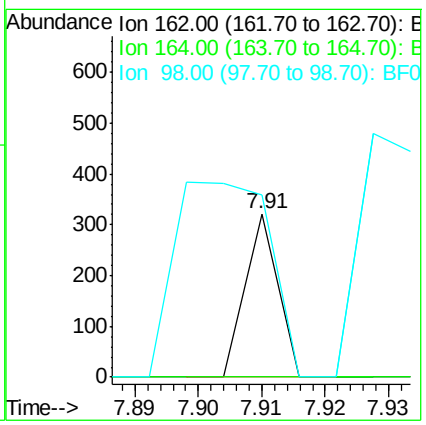


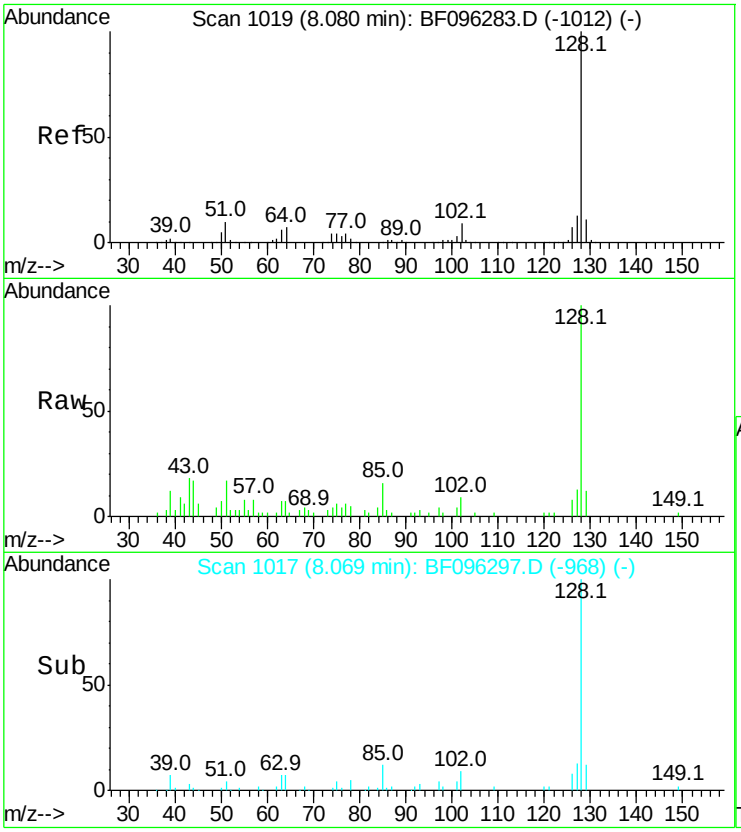


#29
2,4-Dichlorophenol
Concen: 79.80 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:162 Resp: 114

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.6	84.6#
98	111.8	14.8	54.8#



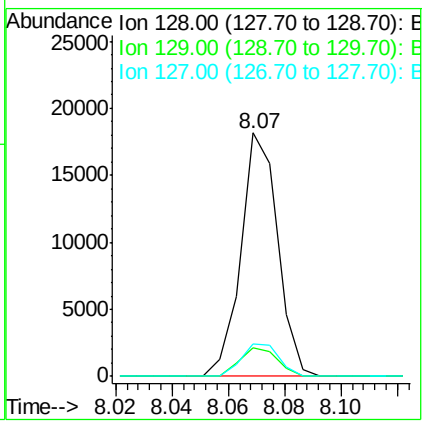


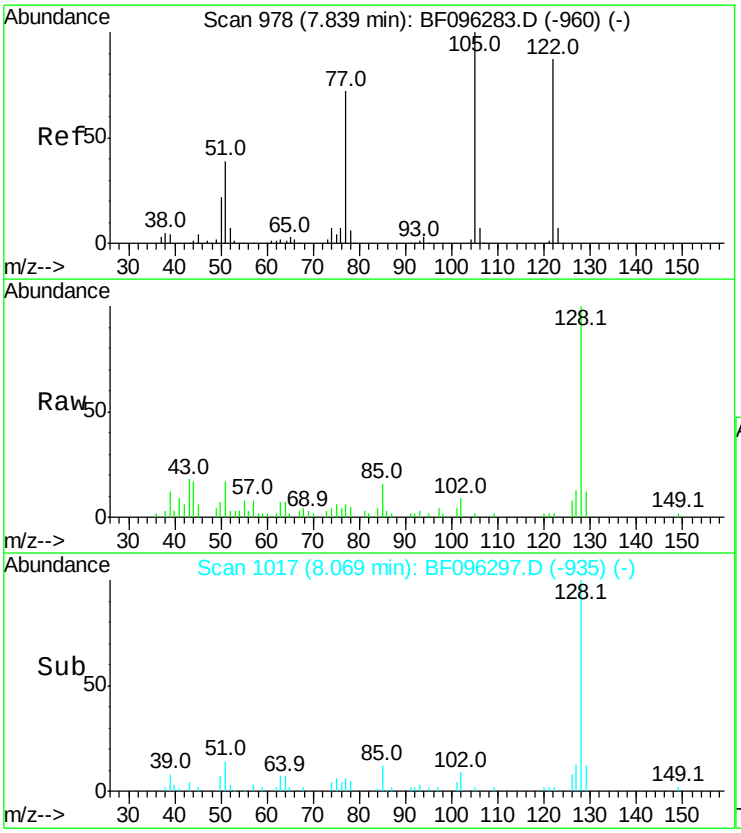
#31
Naphthalene
Concen: 3003.69 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 16359

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.3	10.8	16.2

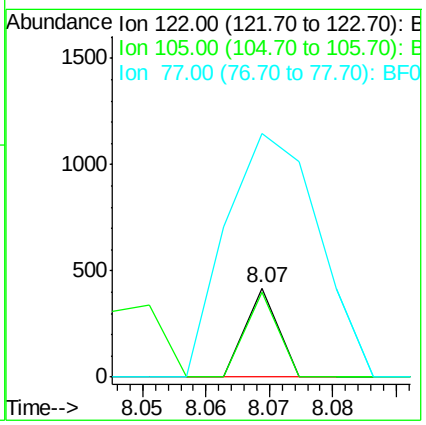


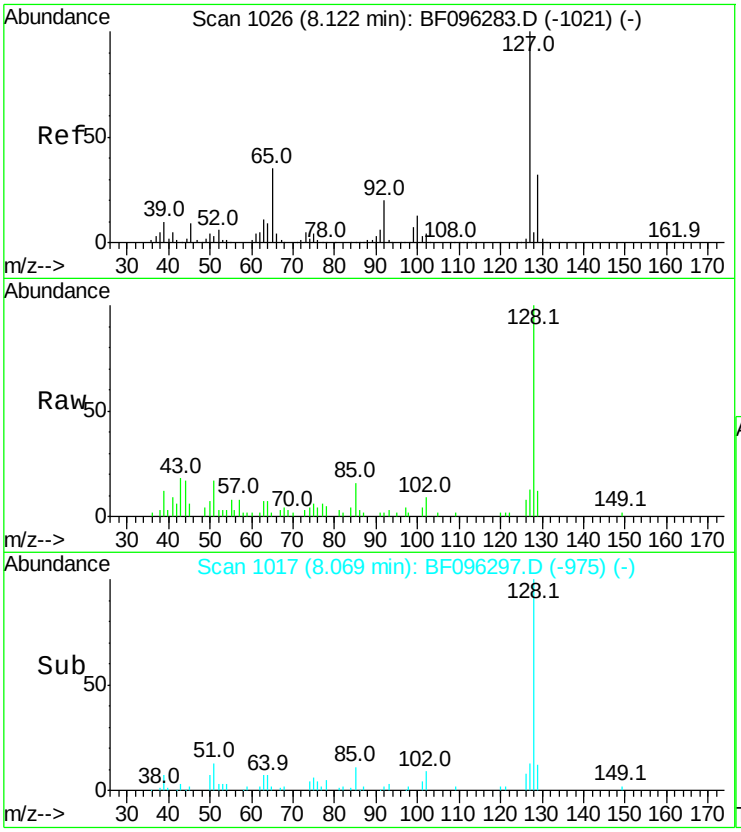


#32
Benzoic acid
Concen: 110.79 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.18 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:122 Resp: 148

Ion	Ratio	Lower	Upper
122	100		
105	95.7	103.3	143.3#
77	274.2	73.7	113.7#



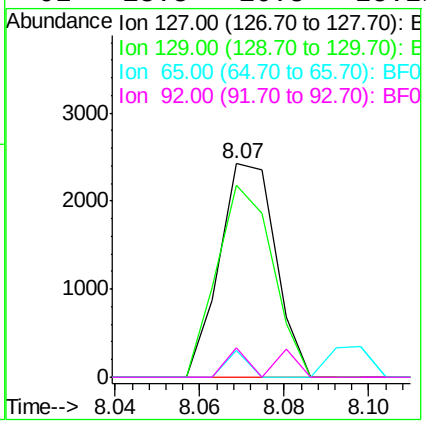


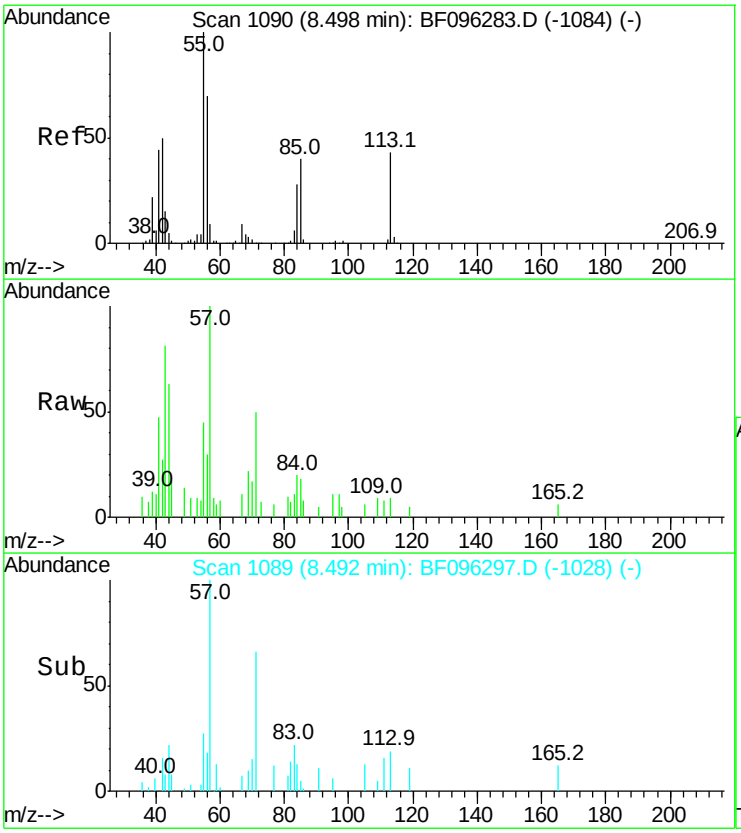
#33
4-Chloroaniline
Concen: 992.21 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.05 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:127 Resp: 2237

Ion	Ratio	Lower	Upper
127	100		
129	89.9	26.2	39.2#
65	12.5	27.8	41.8#
92	13.8	16.8	25.2#

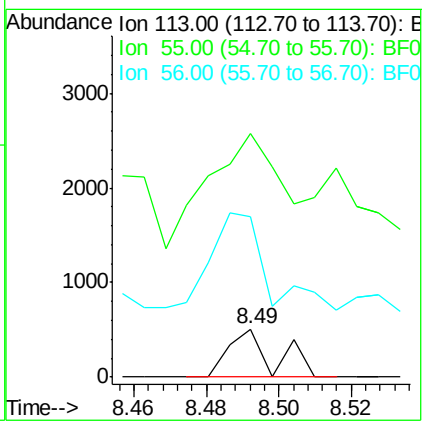


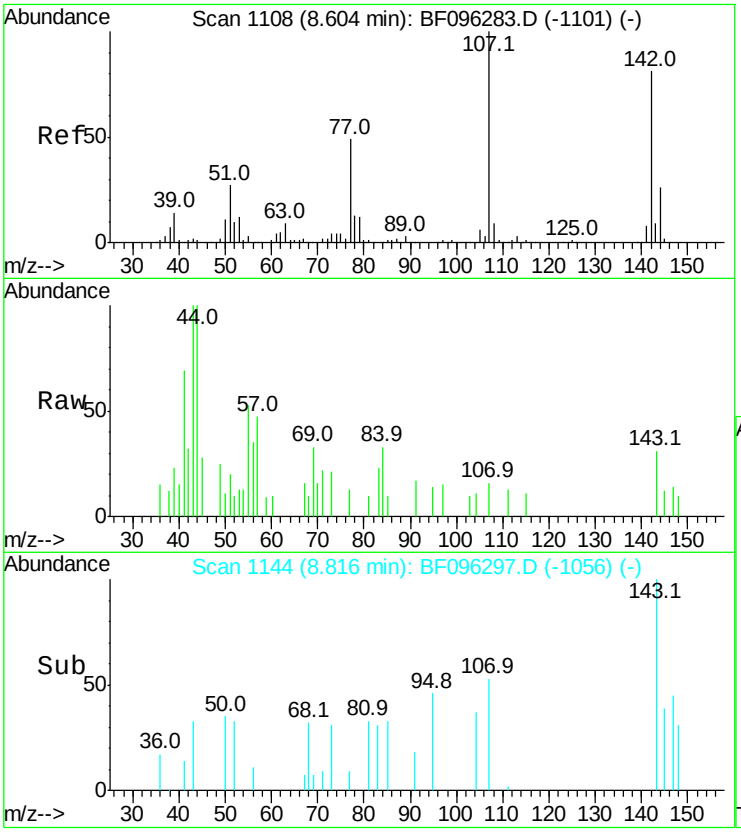


#35
Caprolactam
Concen: 887.20 ng
RT: 8.49 min Scan# 1089
Delta R.T. 0.06 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:113 Resp: 438

Ion	Ratio	Lower	Upper
113	100		
55	505.9	150.2	190.2#
56	332.4	107.8	147.8#



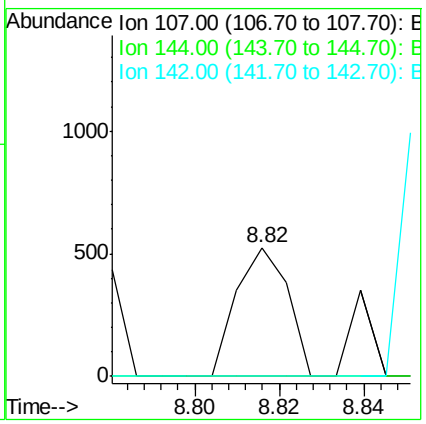


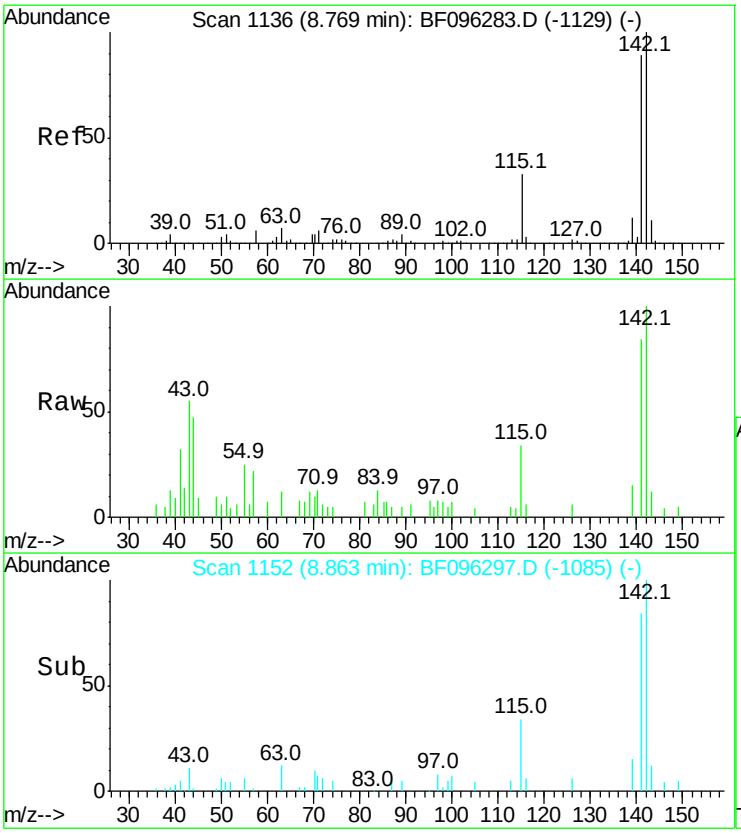
#36
4-Chloro-3-methylphenol
Concen: 285.65 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.22 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 444

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

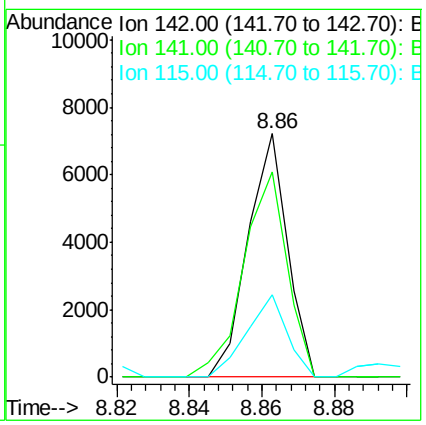


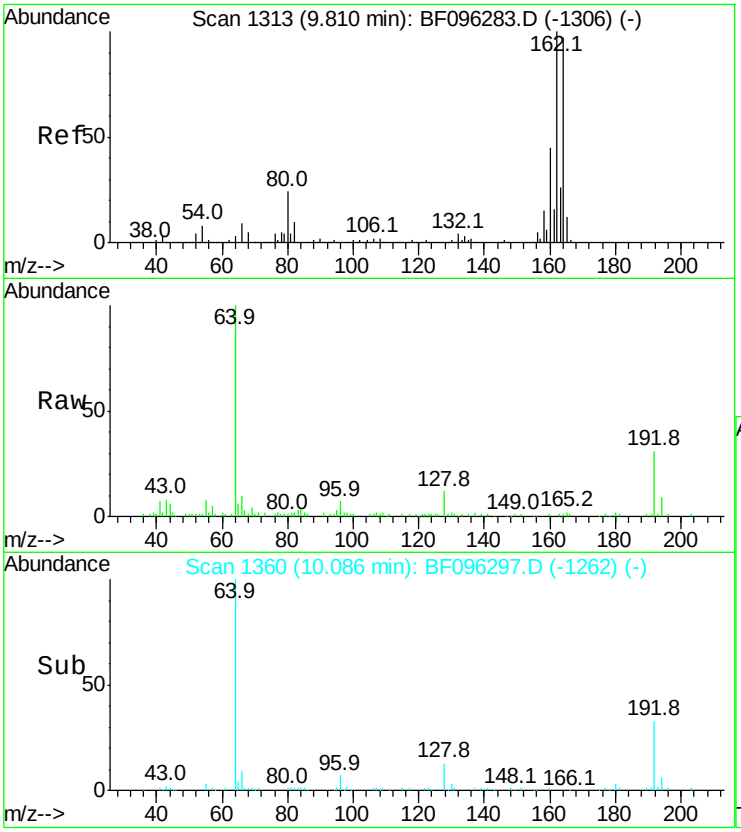


#37
2-Methylnaphthalene
Concen: 1532.27 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.09 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:142 Resp: 5421

Ion	Ratio	Lower	Upper
142	100		
141	84.1	71.3	106.9
115	33.9	27.1	40.7



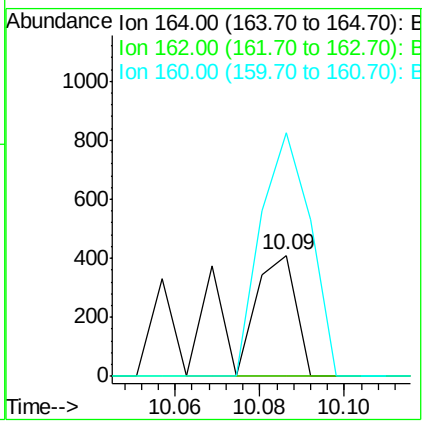


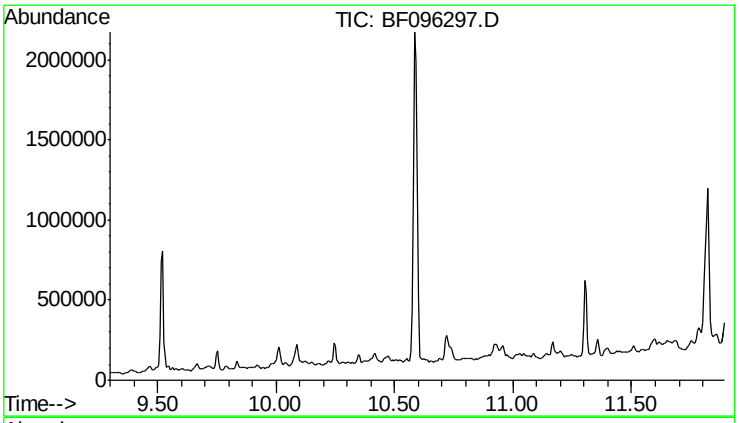
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.28 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 399

Ion	Ratio	Lower	Upper
164	100		
162	0.0	82.6	123.8#
160	201.2	36.2	54.2#



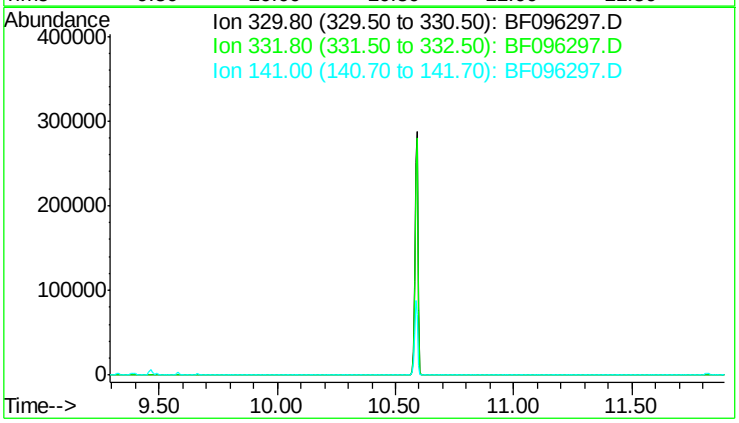


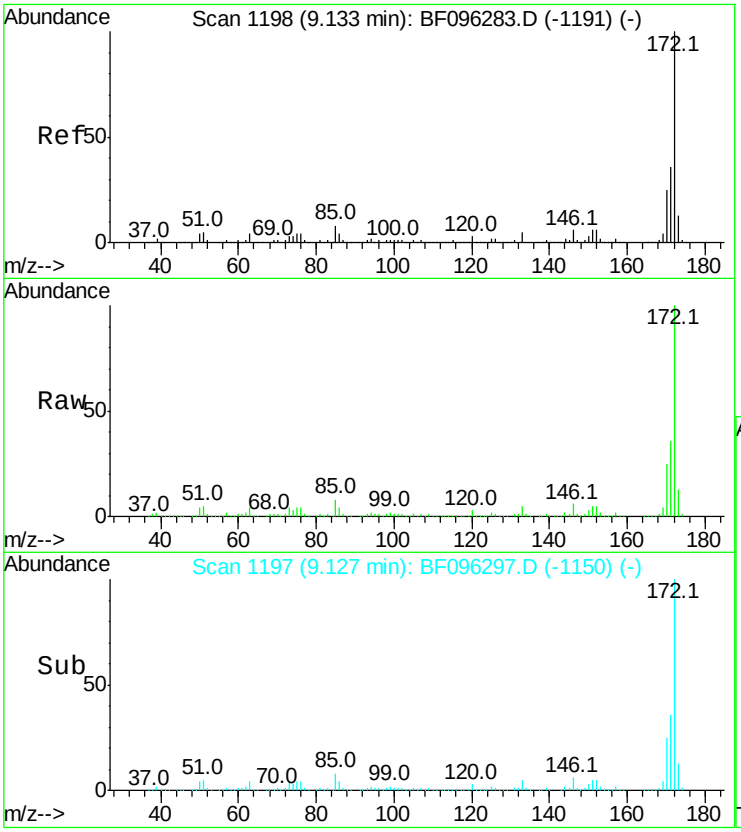
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.59 min

Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.8
141	39.3



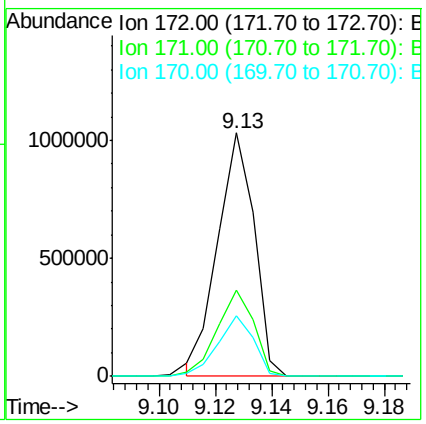


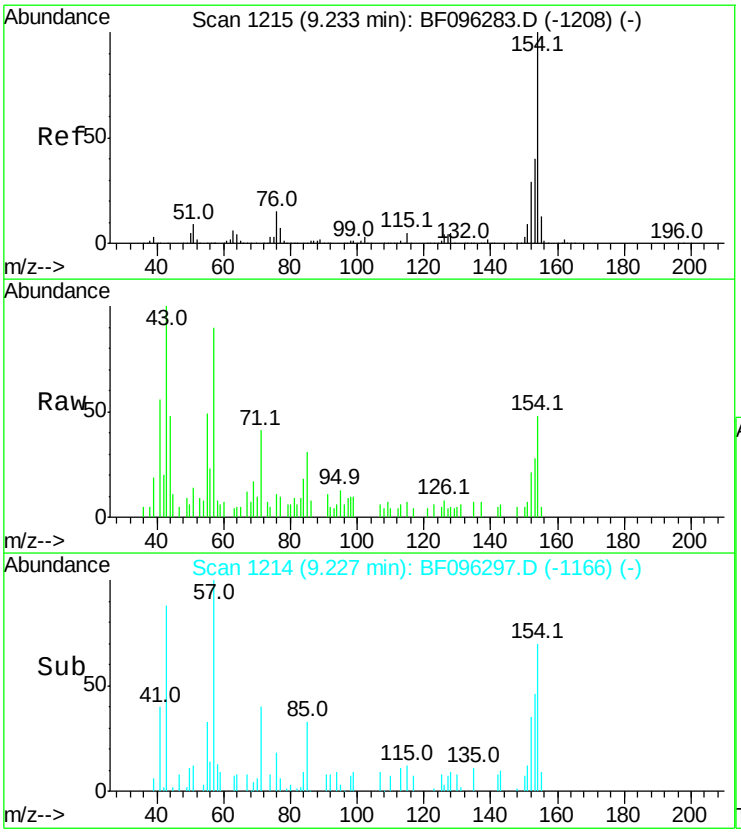
#44
2-Fluorobiphenyl
Concen: 42526.65 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 926532

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.7	19.8	29.8

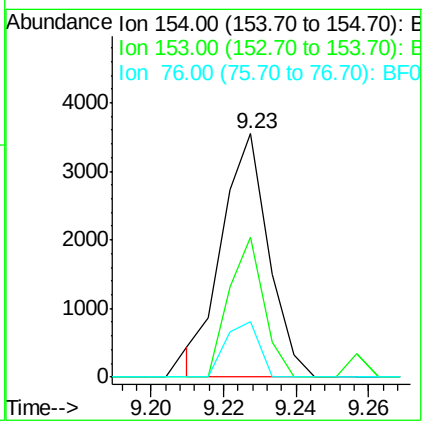


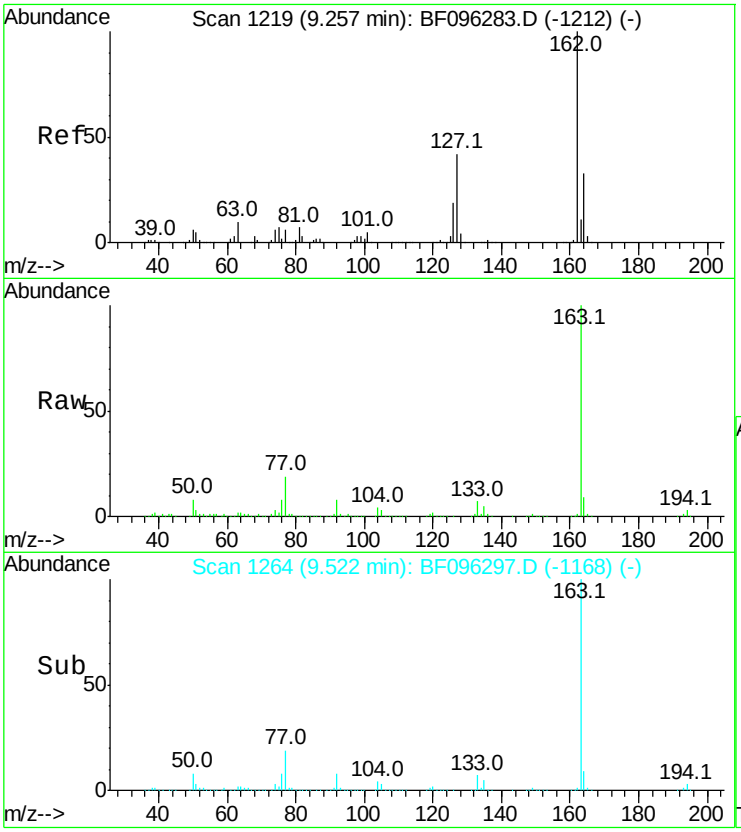


#45
1,1'-Biphenyl
Concen: 103.32 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.02 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:154 Resp: 3163

Ion	Ratio	Lower	Upper
154	100		
153	57.4	21.2	61.2
76	22.9	0.0	29.9



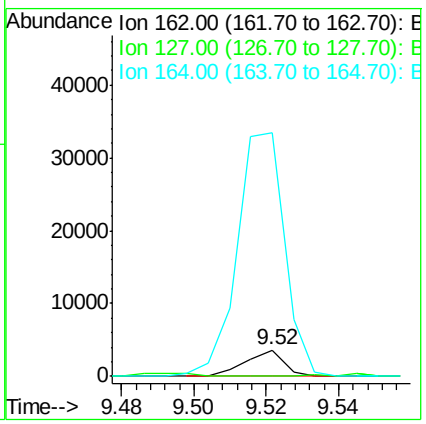


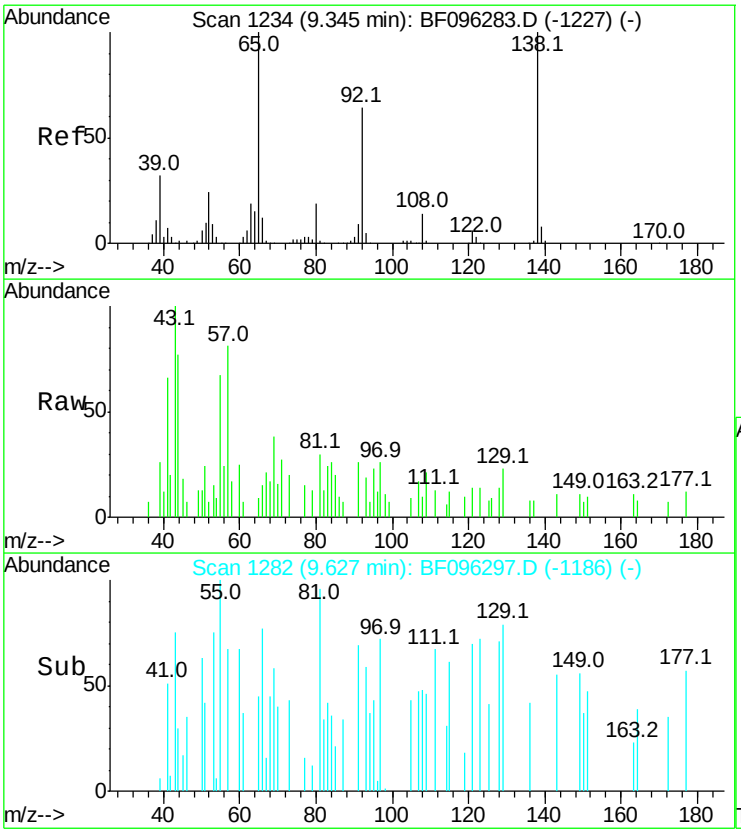
#46
2-Chloronaphthalene
Concen: 105.30 ng
RT: 9.52 min Scan# 1264
Delta R.T. 0.26 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:162 Resp: 2674

Ion	Ratio	Lower	Upper
162	100		
127	0.0	28.3	42.5#
164	935.6	27.0	40.4#

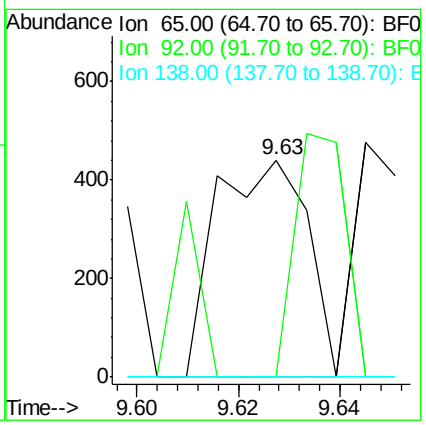


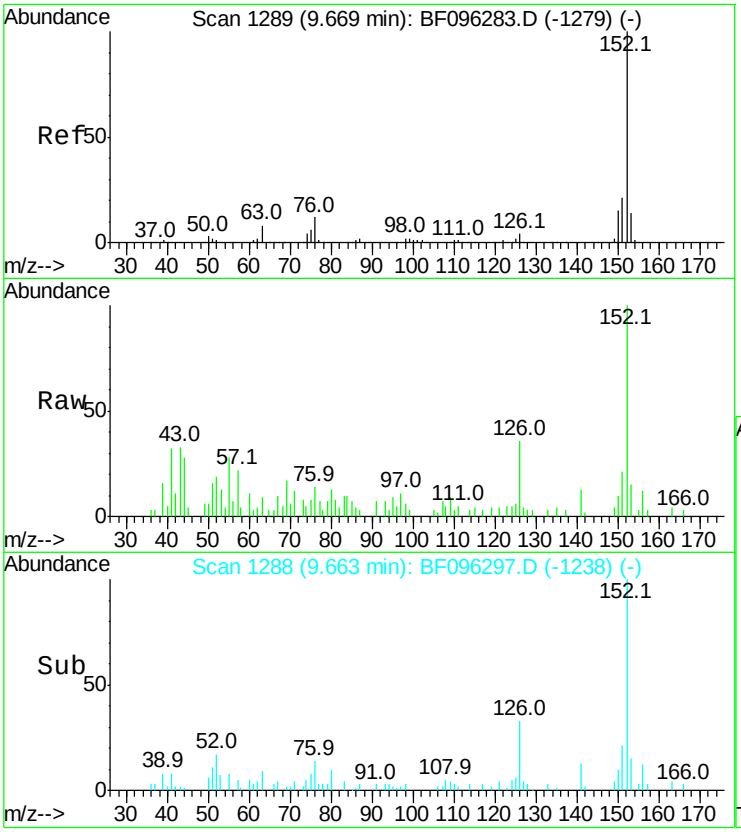


#47
2-Nitroaniline
Concen: 68.32 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.26 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion: 65 Resp: 548

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



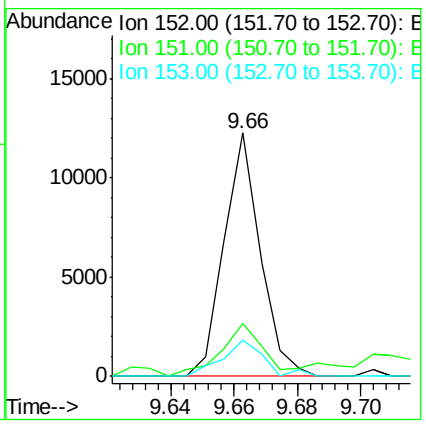


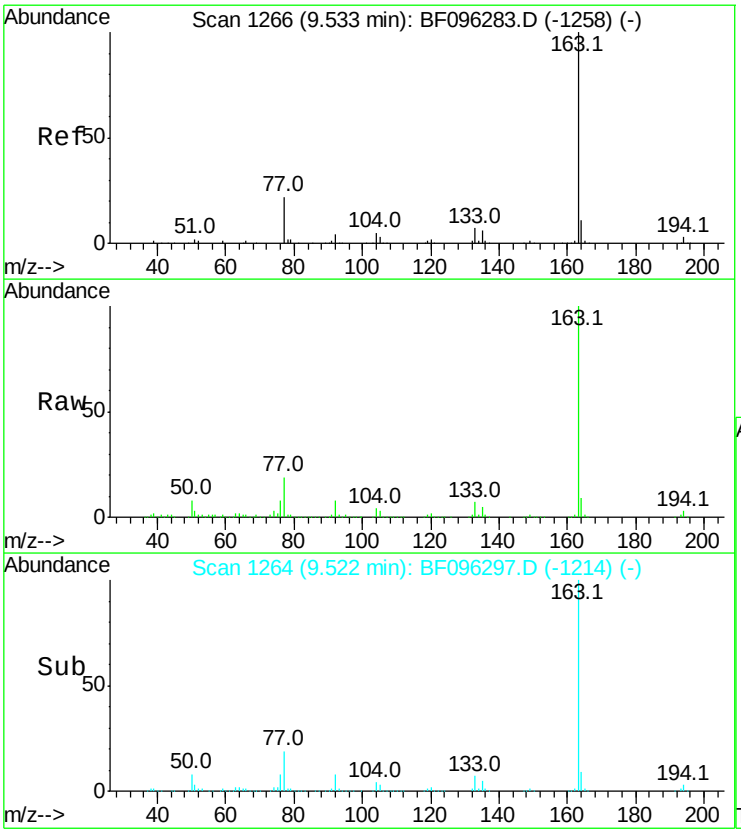
#48
Acenaphthylene
Concen: 229.81 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 9684

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	14.6	10.8	16.2

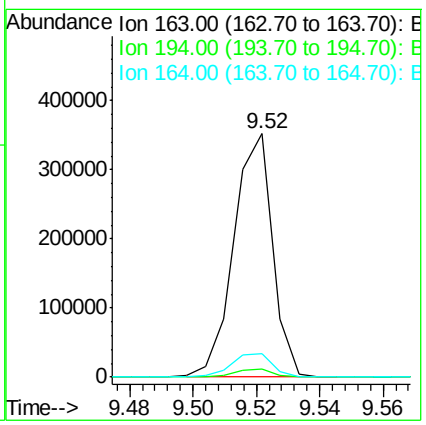


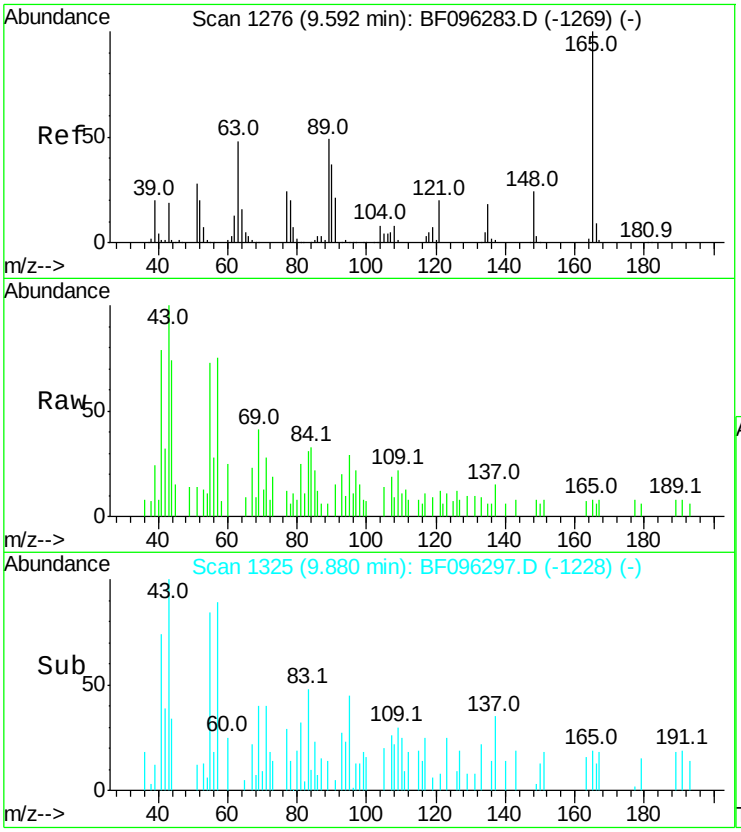


#49
Dimethylphthalate
Concen: 10379.20 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:163 Resp: 296374

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	9.5	8.4	12.6



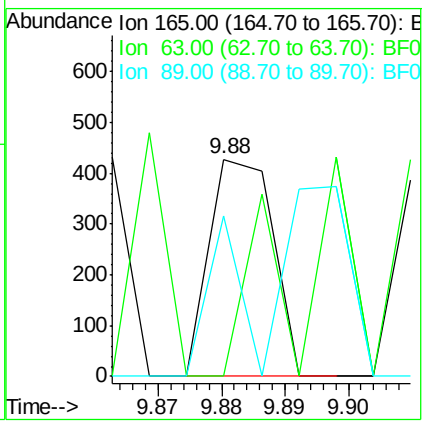


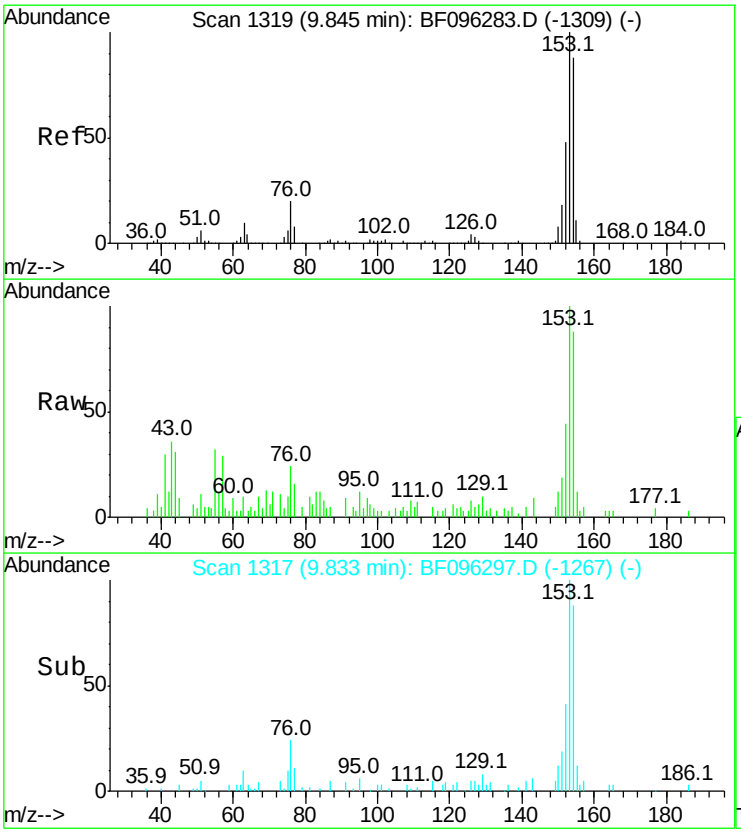
#50
2,6-Dinitrotoluene
Concen: 49.50 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.27 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 294

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	74.0	37.1	55.7#

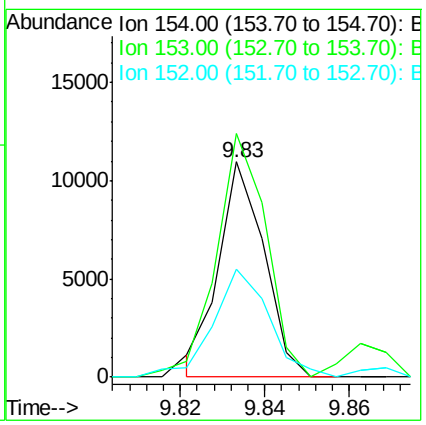


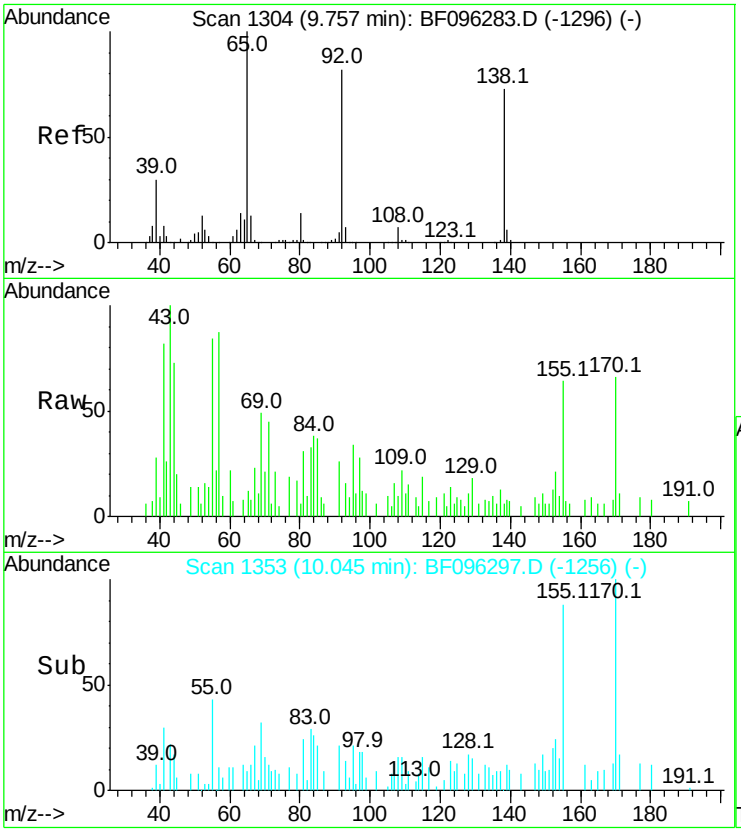


#51
Acenaphthene
Concen: 327.96 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:154 Resp: 8133

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.5	135.7
152	50.1	43.6	65.4



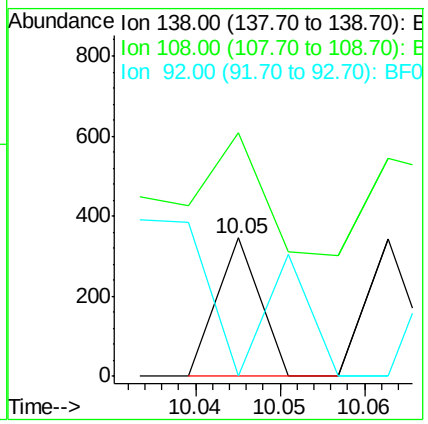


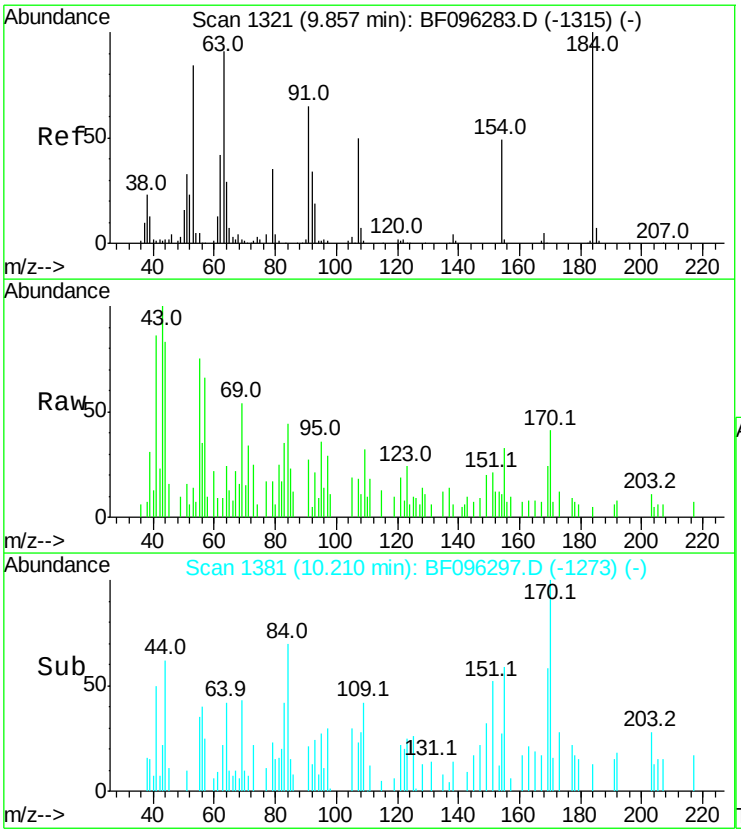
#52
3-Nitroaniline
Concen: 16.04 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.27 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 122

Ion	Ratio	Lower	Upper
138	100		
108	175.7	9.1	13.7#
92	0.0	93.8	140.6#

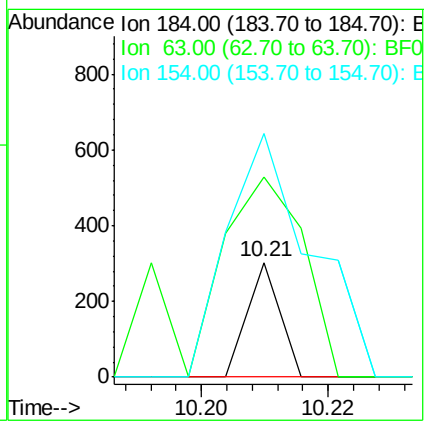


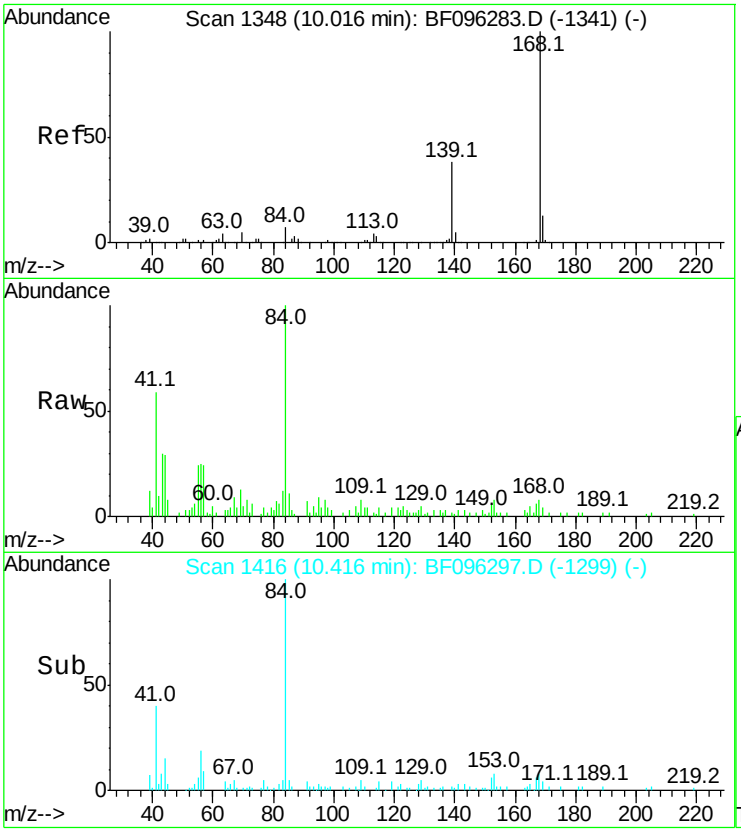


#53
2,4-Dinitrophenol
Concen: 51.02 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.34 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	175.5	62.7	94.1#
154	212.9	81.1	121.7#



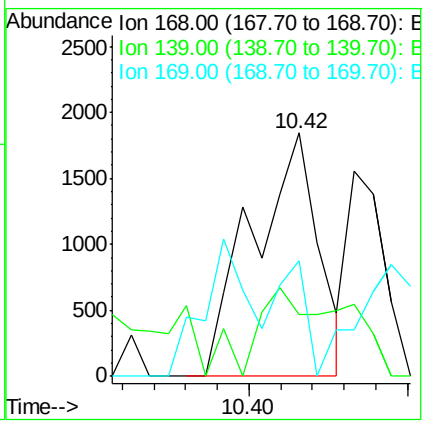


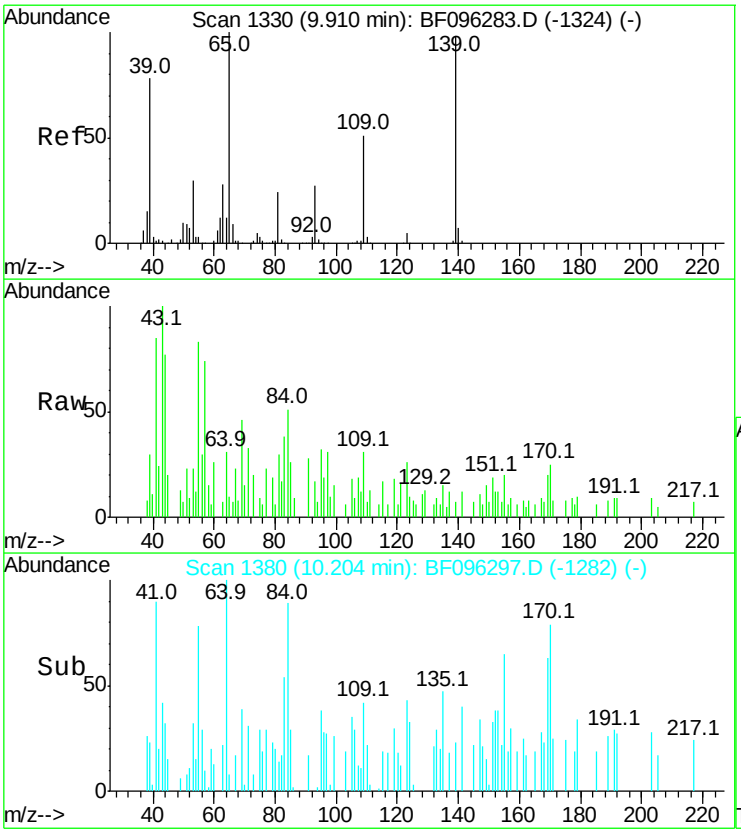
#54
Dibenzofuran
Concen: 82.14 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.39 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 2660

Ion	Ratio	Lower	Upper
168	100		
139	25.4	30.6	45.8#
169	47.6	10.8	16.2#

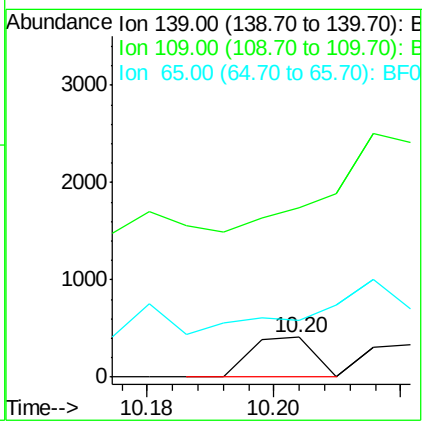


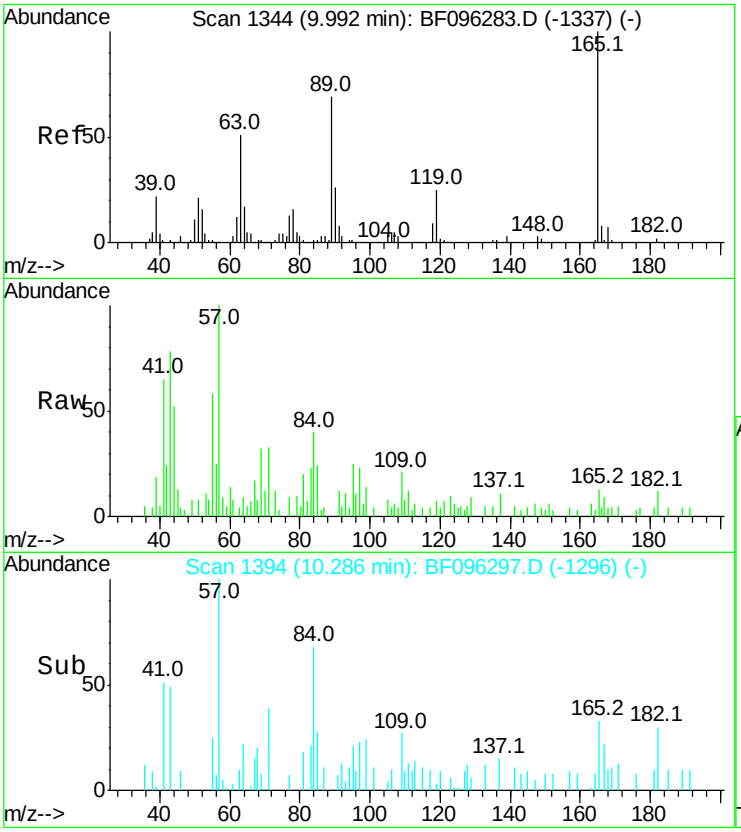


#55
4-Nitrophenol
Concen: 45.20 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.28 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:139 Resp: 278

Ion	Ratio	Lower	Upper
139	100		
109	427.3	34.1	74.1#
65	142.0	31.4	71.4#



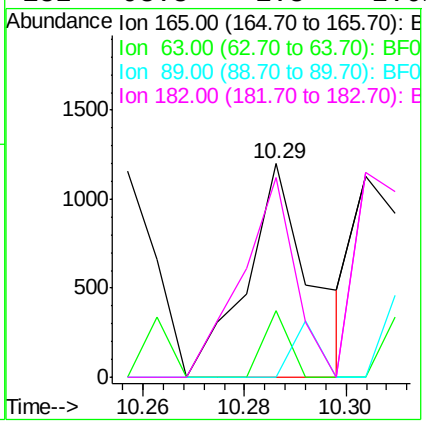


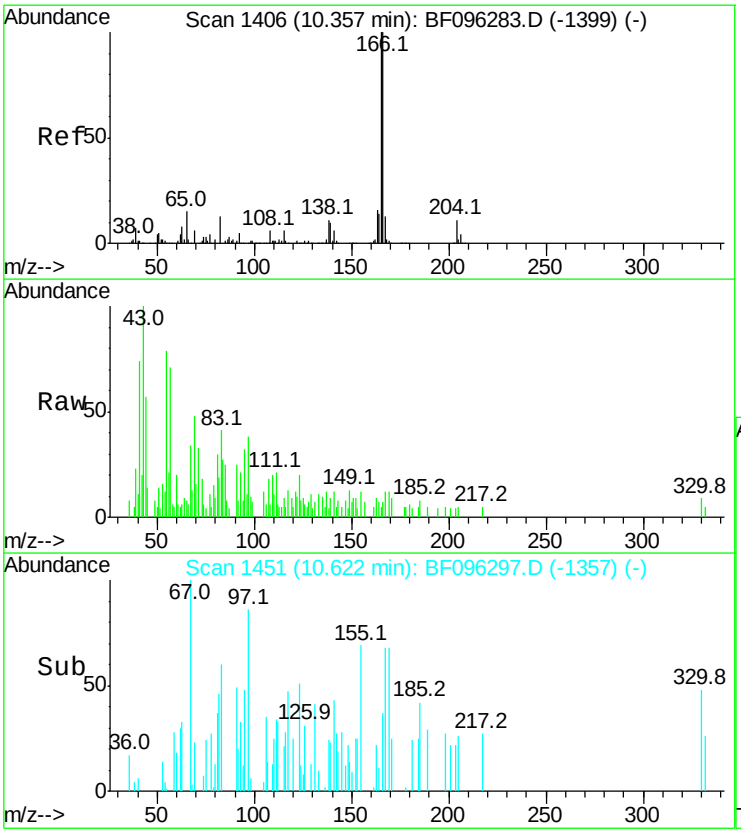
#56
2,4-Dinitrotoluene
Concen: 140.66 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.28 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 1053

Ion	Ratio	Lower	Upper
165	100		
63	31.4	25.4	38.0
89	0.0	46.4	69.6#
182	93.3	1.8	2.6#

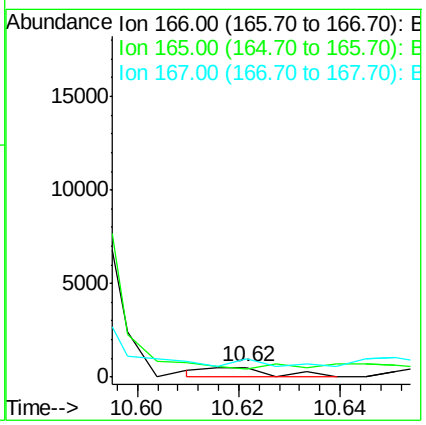


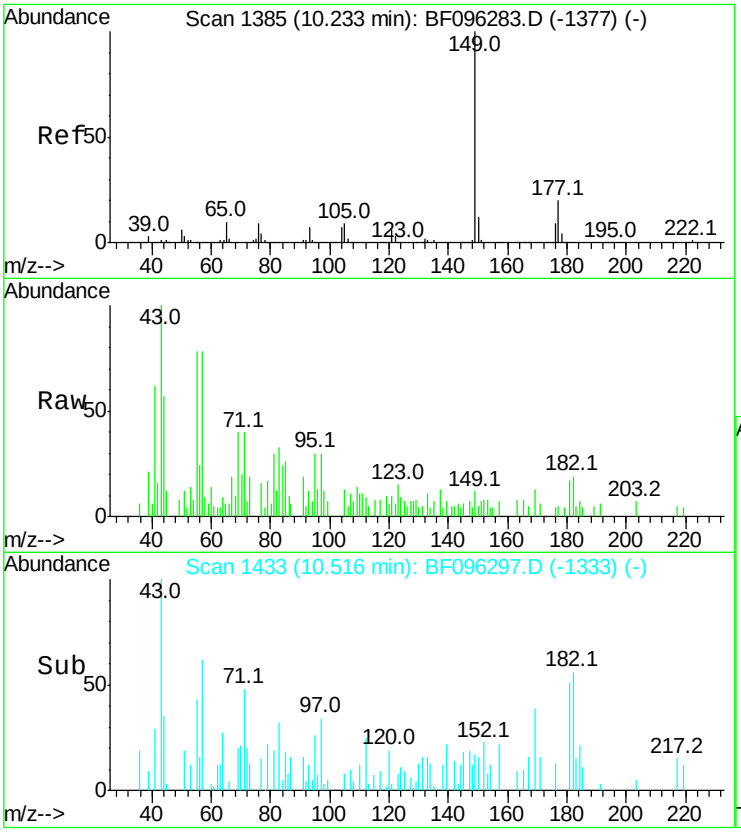


#57
Fluorene
Concen: 15.81 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.25 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:166 Resp: 467

Ion	Ratio	Lower	Upper
166	100		
165	79.2	78.8	118.2
167	185.1	10.6	16.0#



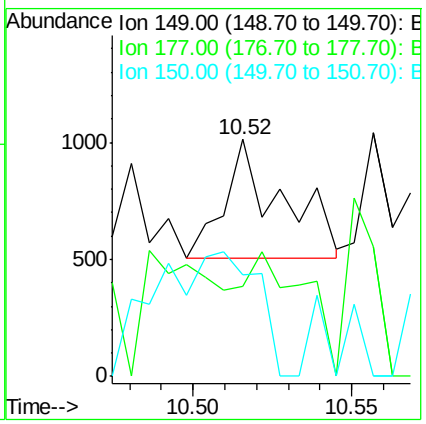


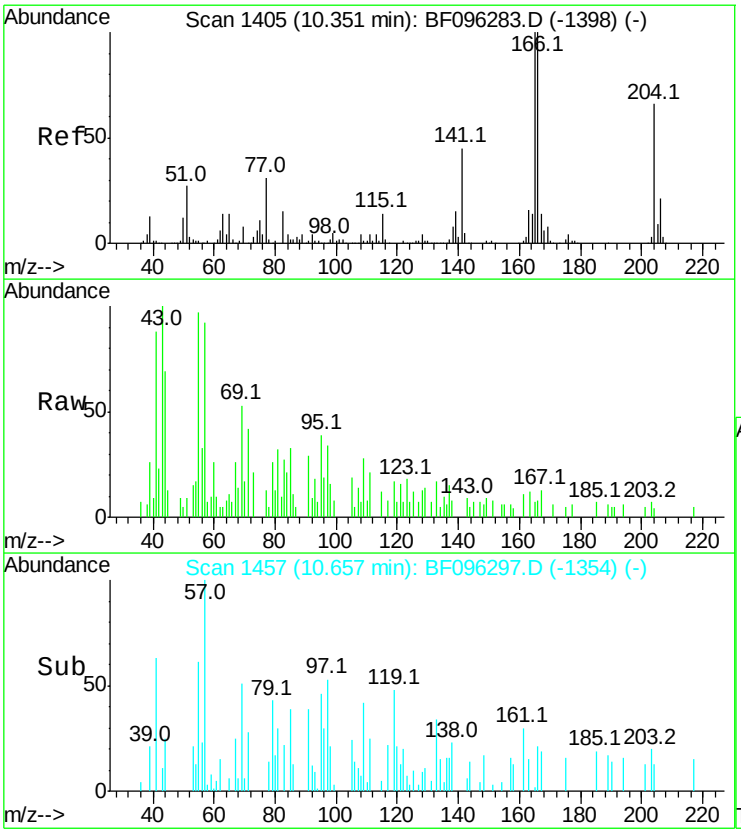
#59
Diethylphthalate
Concen: 22.18 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.29 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 636

Ion	Ratio	Lower	Upper
149	100		
177	37.8	16.7	25.1#
150	42.9	10.2	15.2#

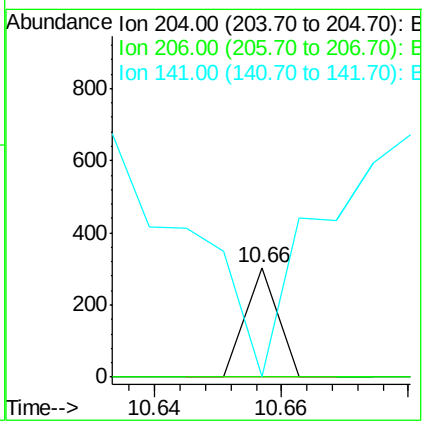


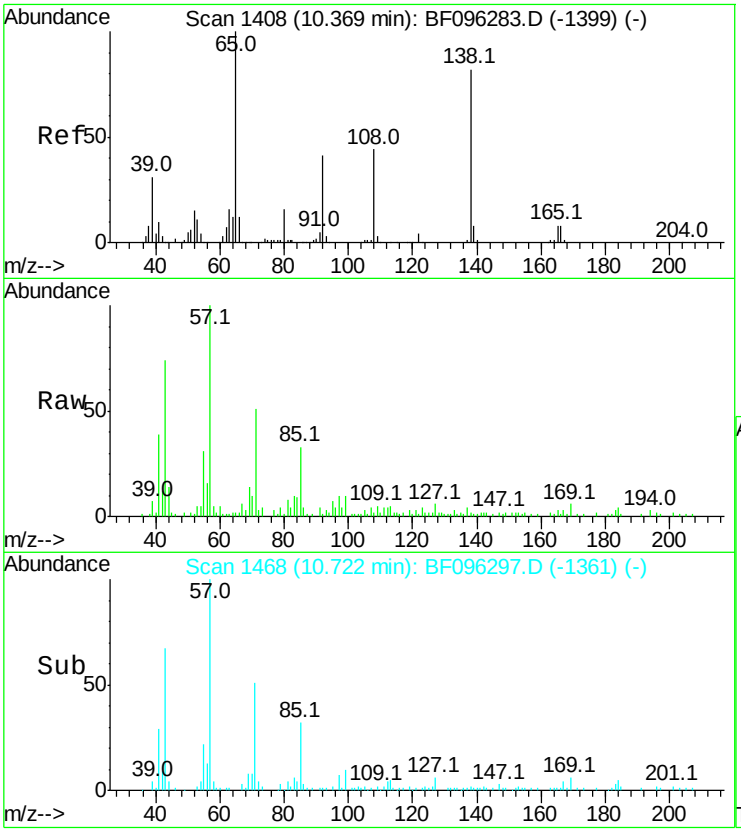


#60
4-Chlorophenyl-phenylether
Concen: 8.03 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.31 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:204 Resp: 107

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



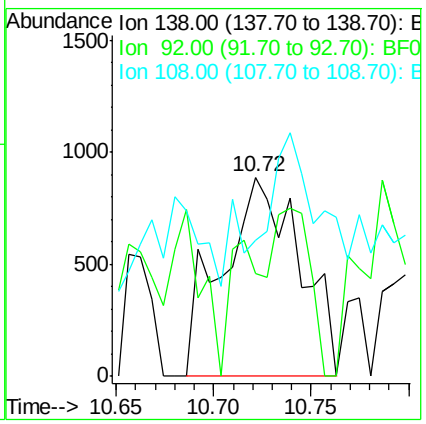


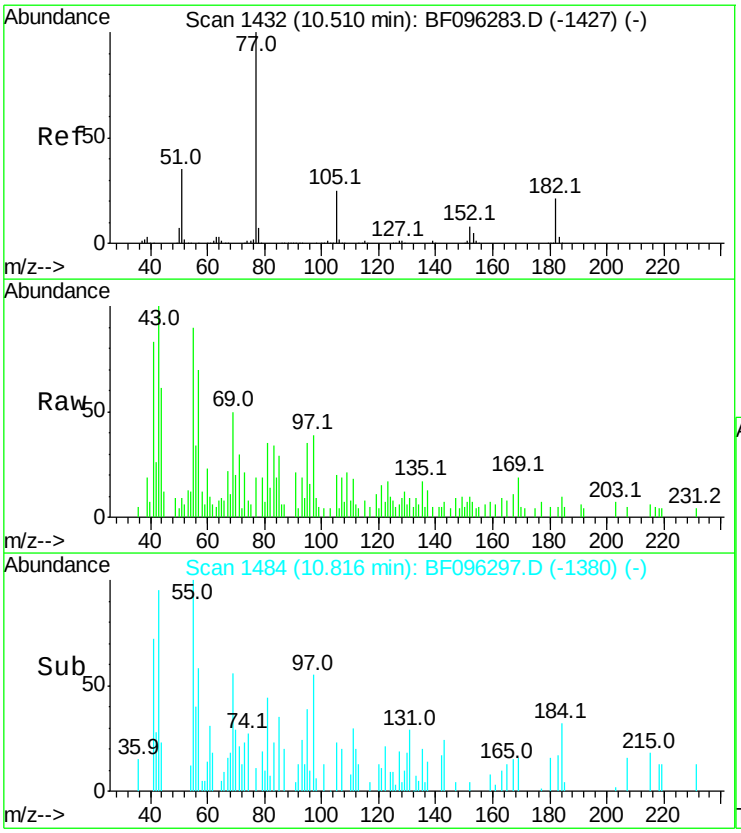
#61
4-Nitroaniline
Concen: 371.15 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.33 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:138 Resp: 2456

Ion	Ratio	Lower	Upper
138	100		
92	51.6	21.8	61.8
108	68.3	42.3	82.3

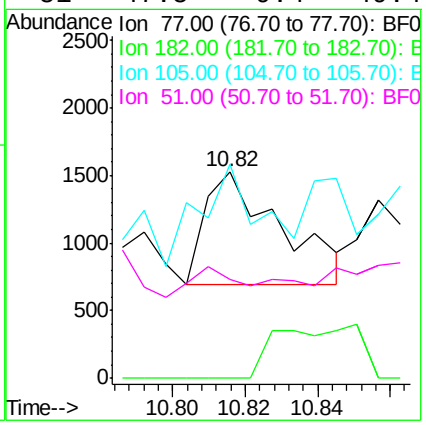


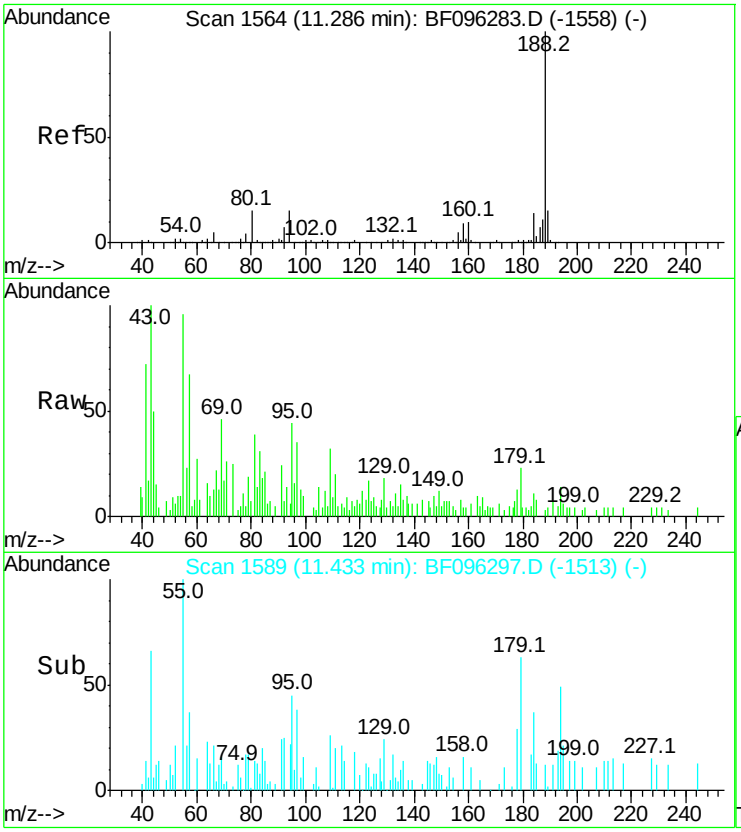


#62
Azobenzene
Concen: 41.61 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.31 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion: 77 Resp: 1203

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.1	40.1#
105	103.5	3.6	43.6#
51	47.5	9.4	49.4



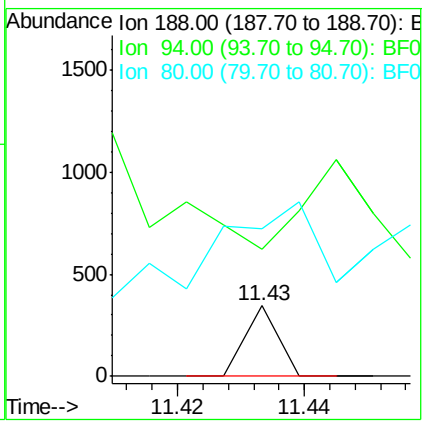


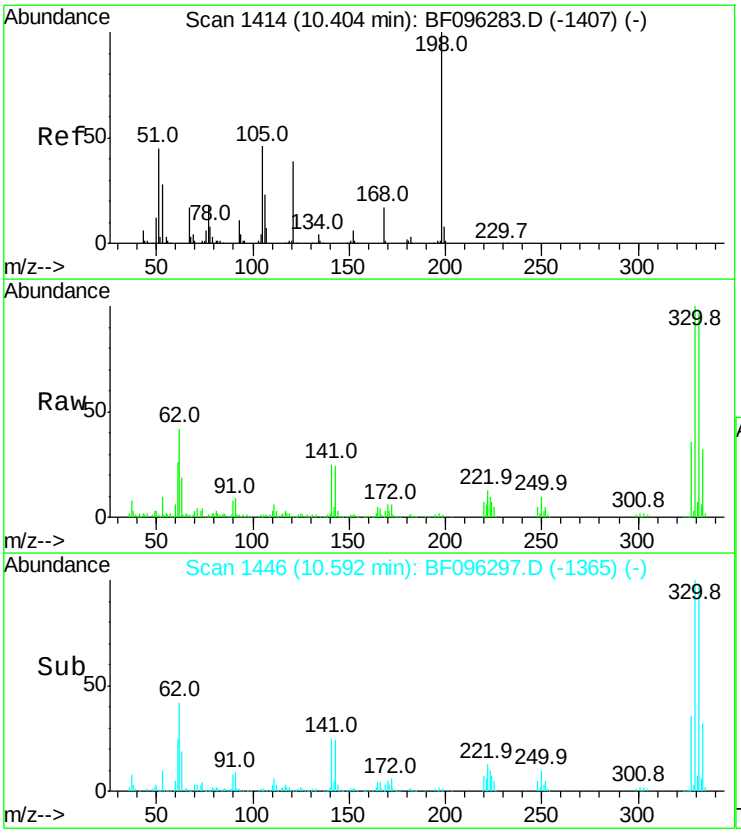
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.15 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 122

Ion	Ratio	Lower	Upper
188	100		
94	179.8	9.4	14.2#
80	209.0	10.2	15.2#

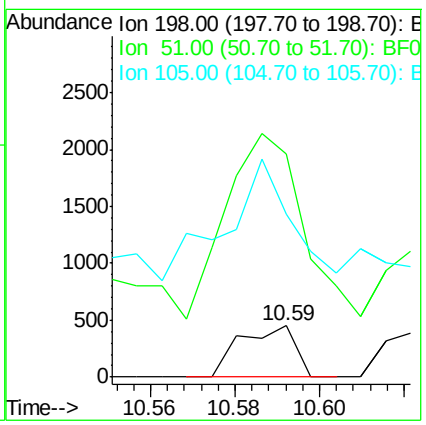


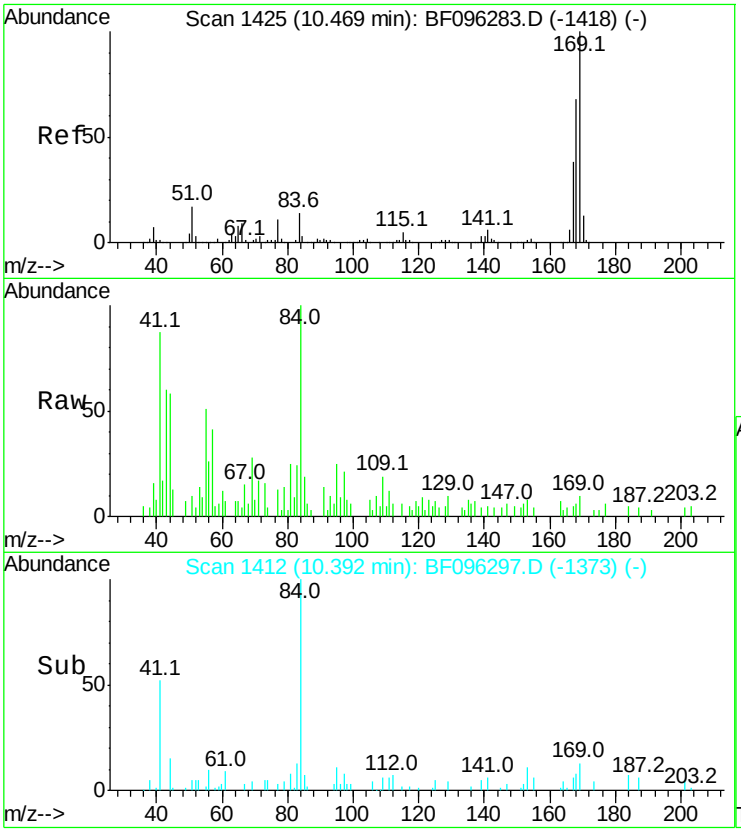


#64
4,6-Dinitro-2-methylphenol
Concen: 529.85 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:198 Resp: 408

Ion	Ratio	Lower	Upper
198	100		
51	432.7	53.2	93.2#
105	315.2	45.8	85.8#



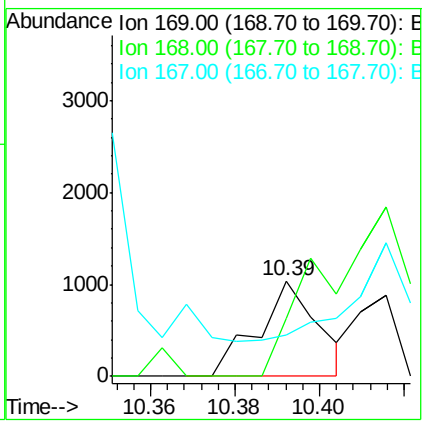


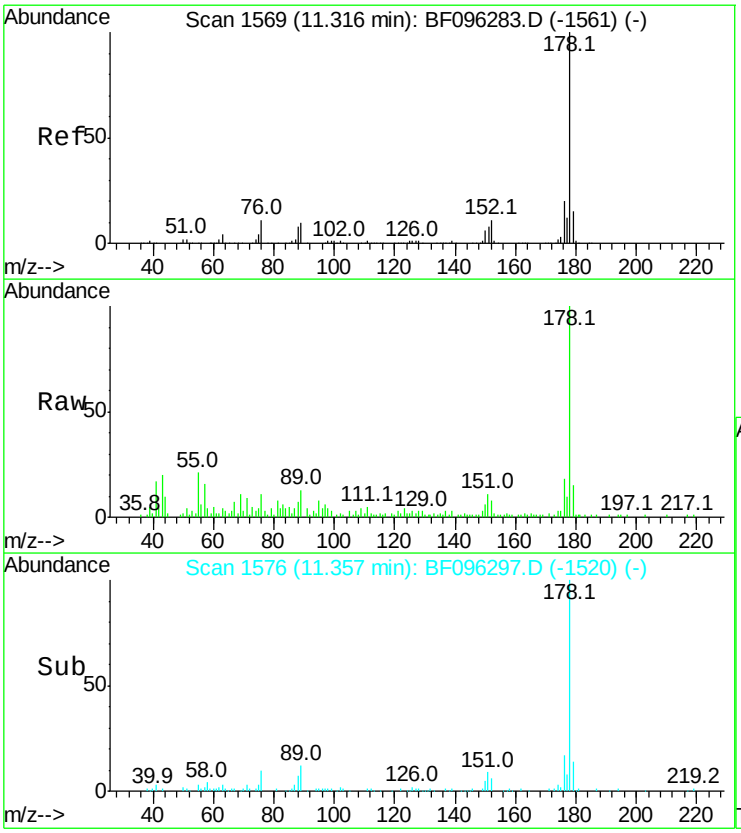
#65
n-Nitrosodiphenylamine
Concen: 235.66 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.07 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 1034

Ion	Ratio	Lower	Upper
169	100		
168	61.0	53.2	79.8
167	43.9	29.5	44.3

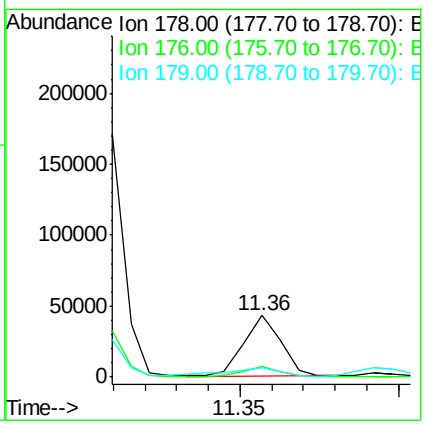


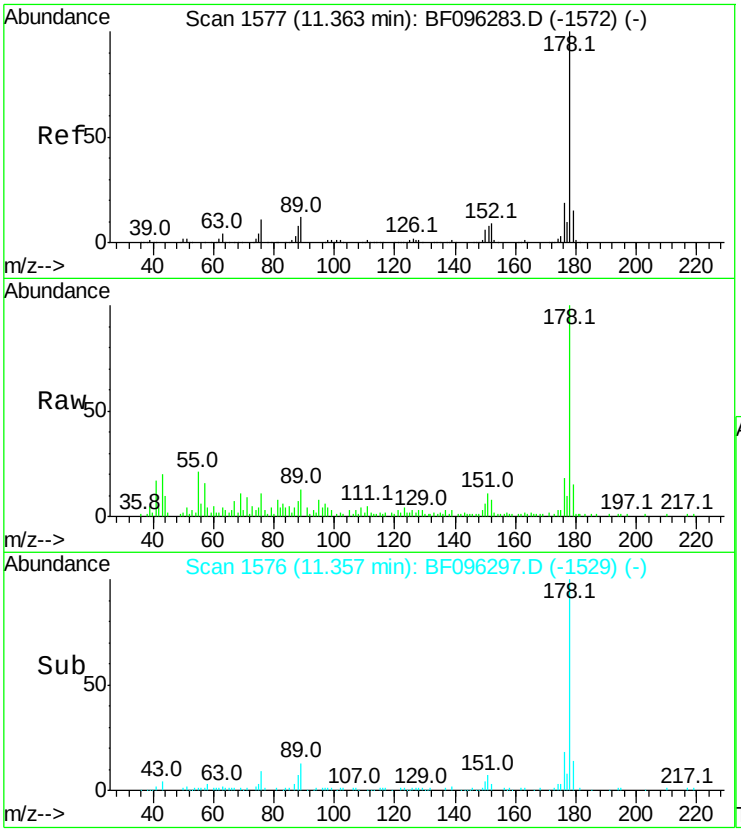


#70
Phenanthrene
Concen: 6883.48 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.03 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:178 Resp: 34980

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	15.2	12.6	19.0



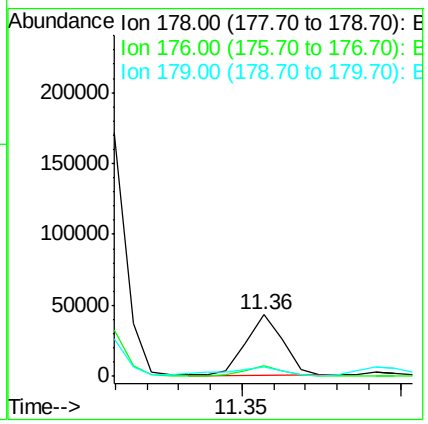


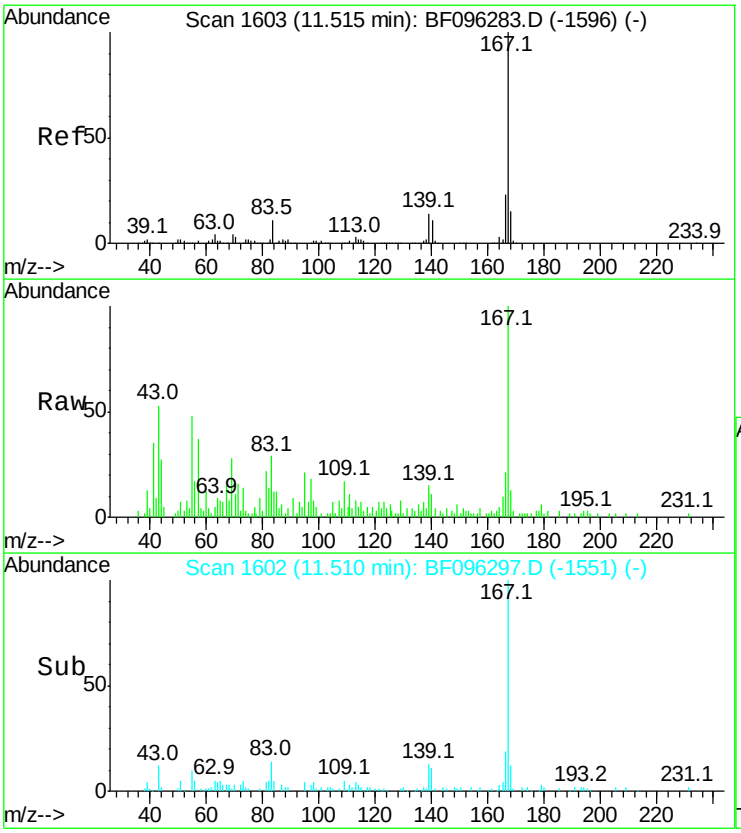
#71
Anthracene
Concen: 5130.73 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.02 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 34980

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.8
179	15.2	12.7	19.1

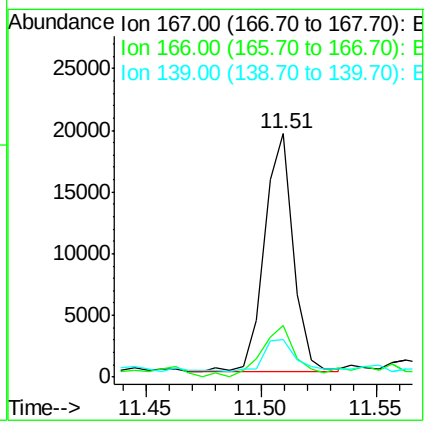


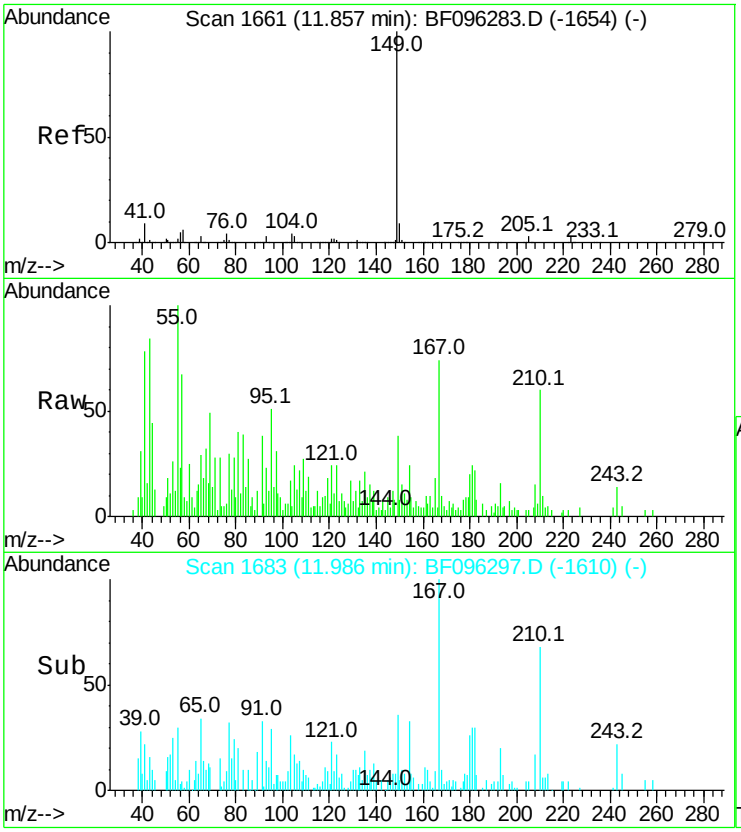


#72
Carbazole
Concen: 2202.98 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:167 Resp: 16581

Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	15.2	11.7	17.5



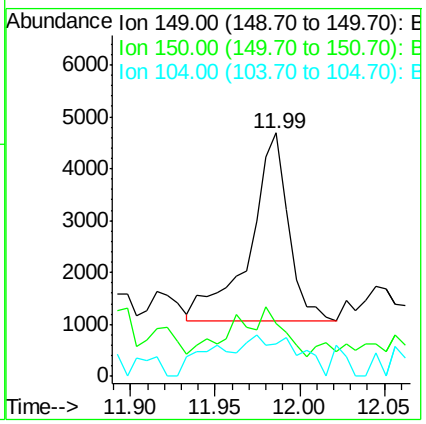


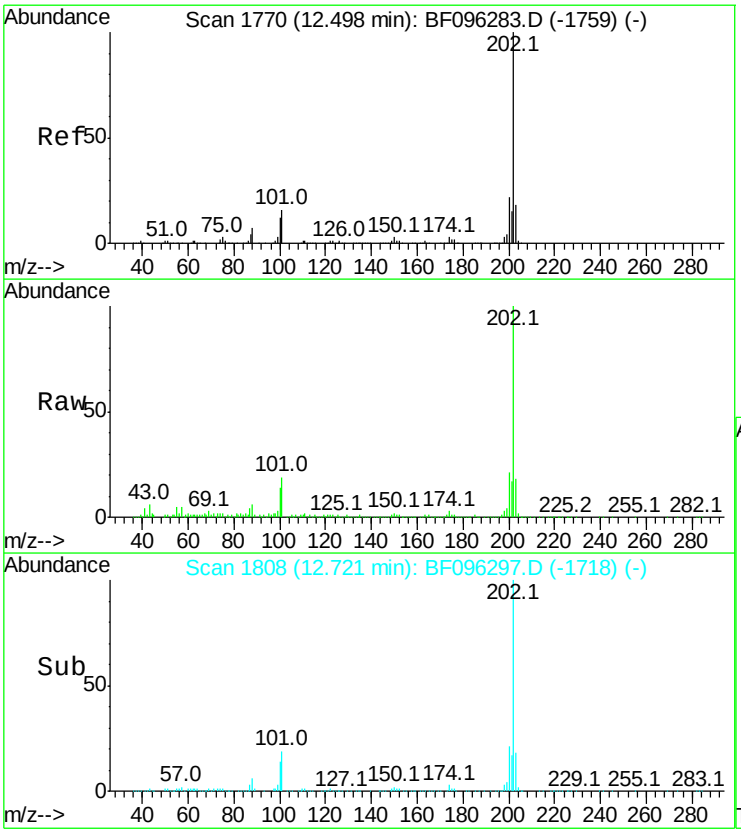
#73
Di-n-butylphthalate
Concen: 723.14 ng
RT: 11.99 min Scan# 1683
Delta R.T. 0.13 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5747

Ion	Ratio	Lower	Upper
149	100		
150	21.5	7.7	11.5#
104	13.0	4.0	6.0#

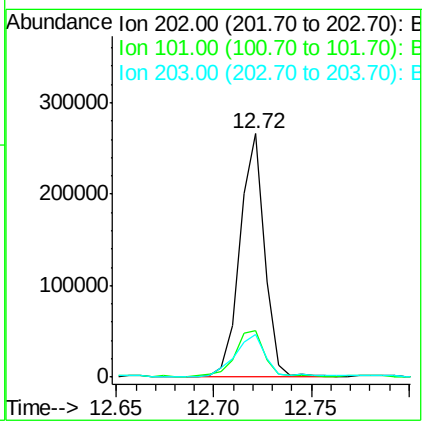


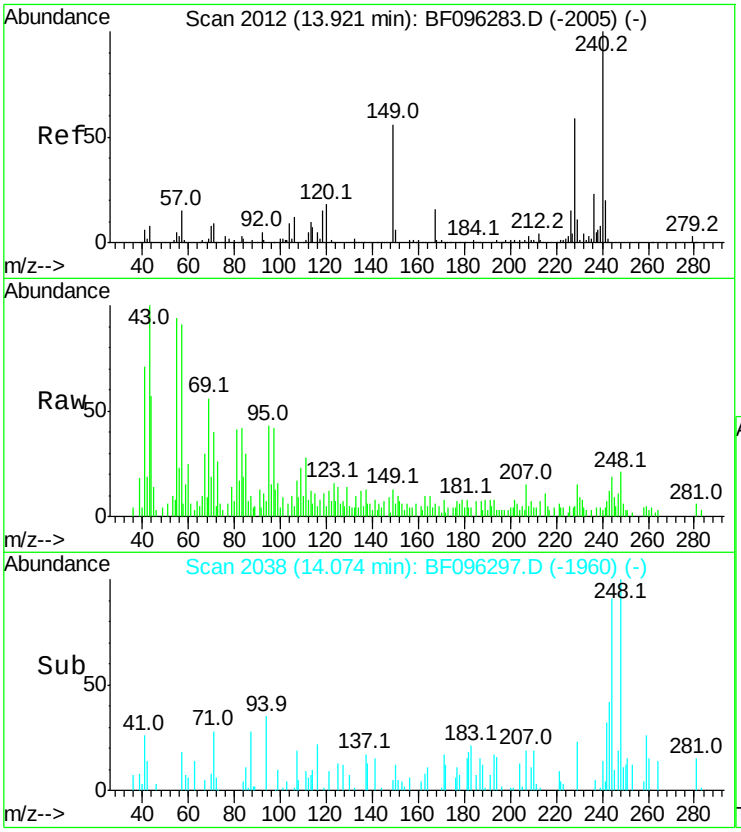


#74
Fluoranthene
Concen: 34198.67 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.23 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:202 Resp: 231766

Ion	Ratio	Lower	Upper
202	100		
101	19.1	0.0	33.2
203	17.7	0.0	38.1



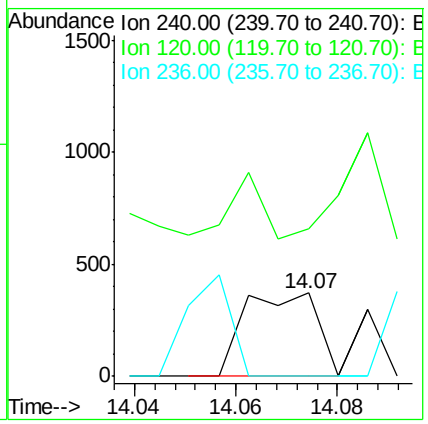


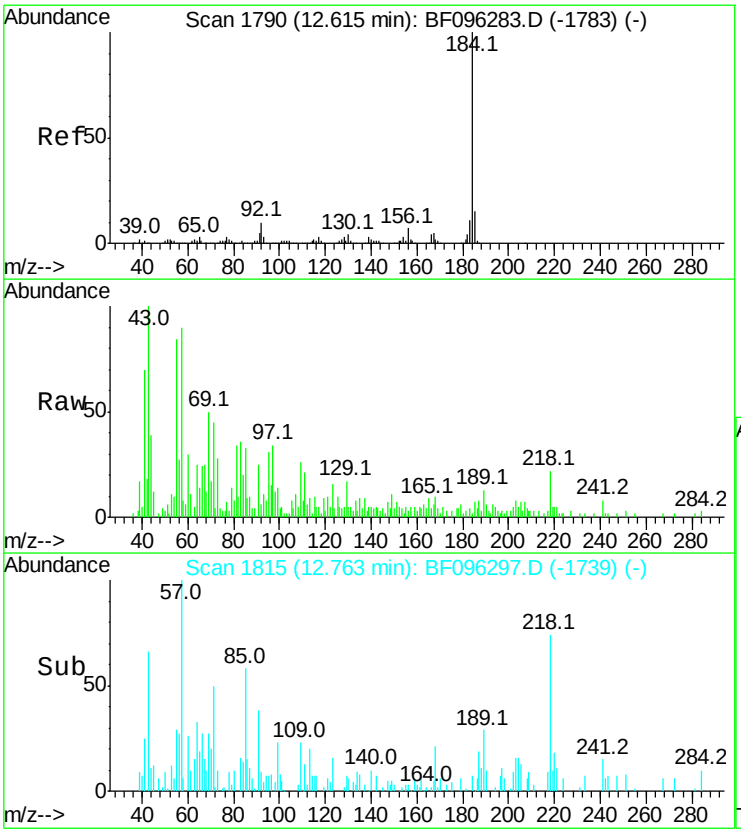
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.16 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 370

Ion	Ratio	Lower	Upper
240	100		
120	177.6	5.8	8.8#
236	0.0	20.5	30.7#

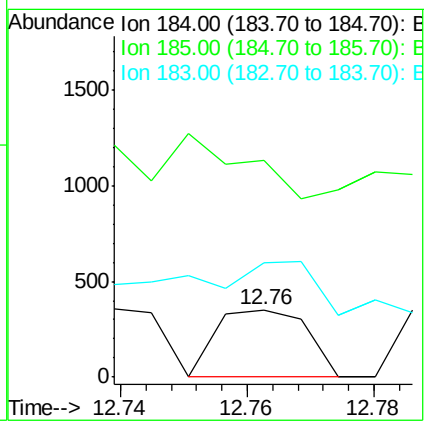


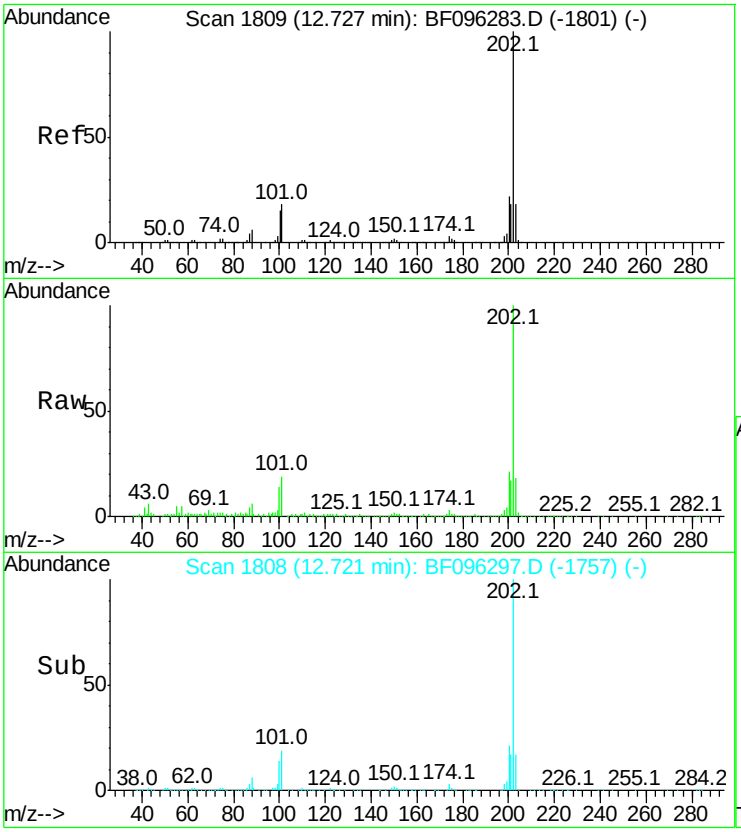


#76
Benzidine
Concen: 25.01 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.15 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:184 Resp: 347

Ion	Ratio	Lower	Upper
184	100		
185	320.4	15.5	23.3#
183	168.8	9.8	14.6#



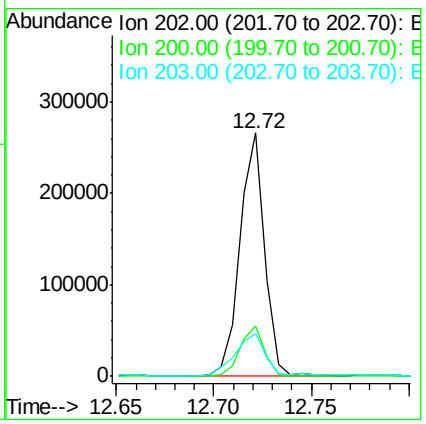


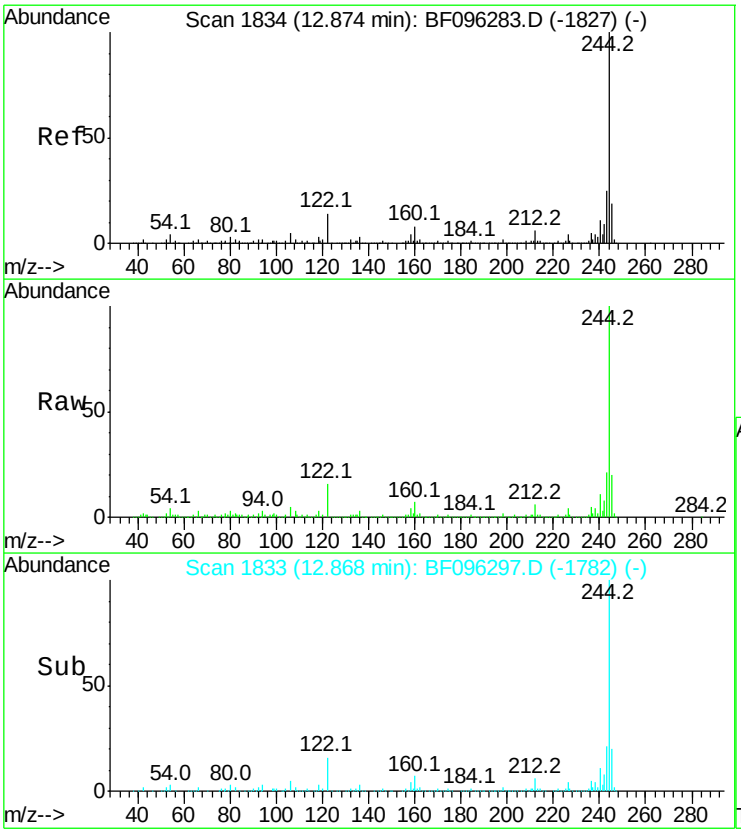
#77
Pyrene
Concen: 7622.02 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 231766

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.7	14.4	21.6

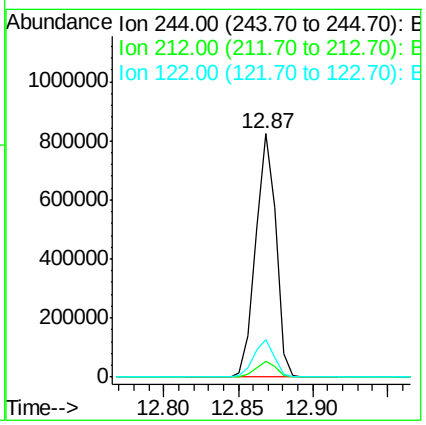


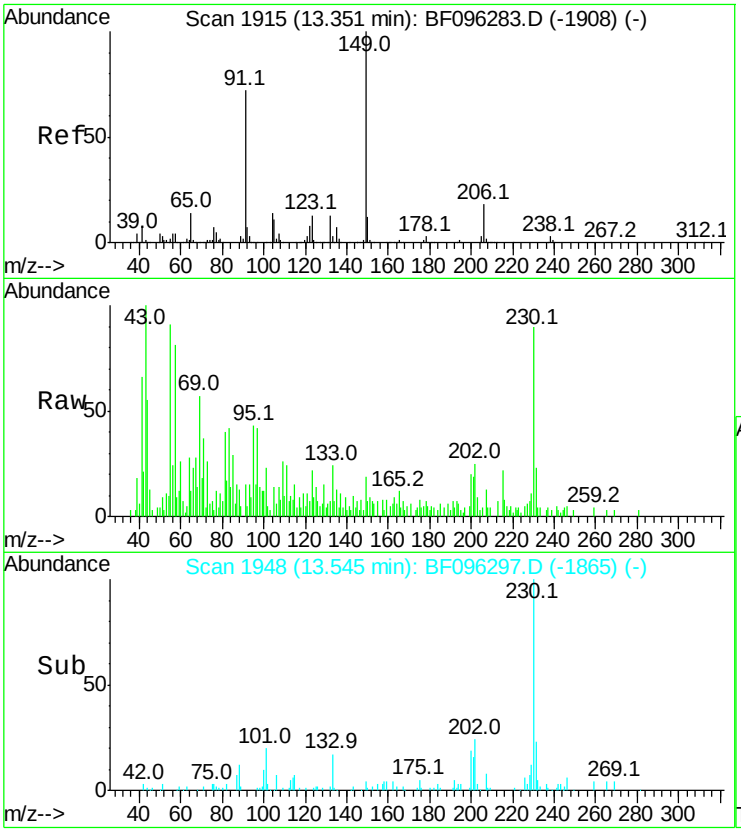


#78
Terphenyl-d14
Concen: 51208.36 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:244 Resp: 759316

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	15.6	10.3	15.5#



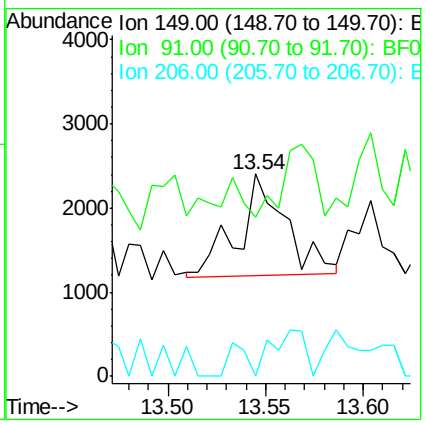


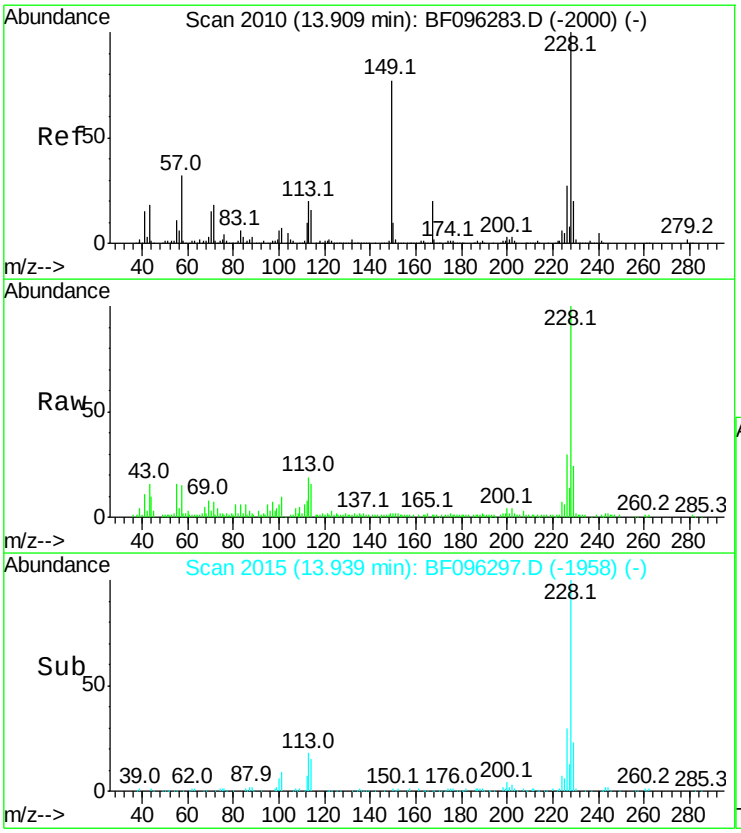
#79
Butylbenzylphthalate
Concen: 146.19 ng
RT: 13.54 min Scan# 1948
Delta R.T. 0.19 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2037

Ion	Ratio	Lower	Upper
149	100		
91	78.8	45.0	67.4#
206	0.0	17.0	25.6#

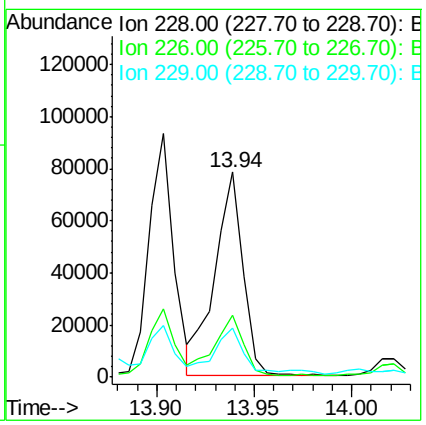


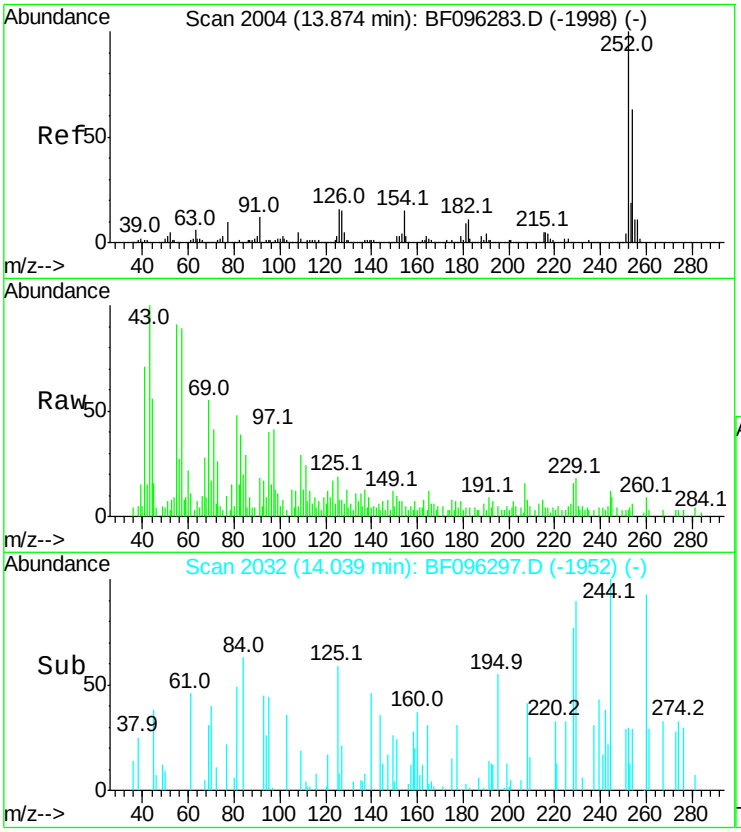


#80
Benzo(a)anthracene
Concen: 3501.40 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.04 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:228 Resp: 78972

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.6	33.8
229	23.8	16.3	24.5



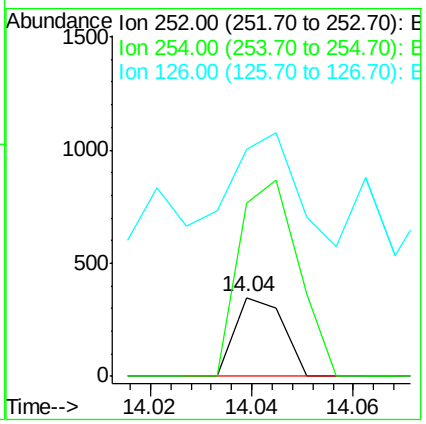


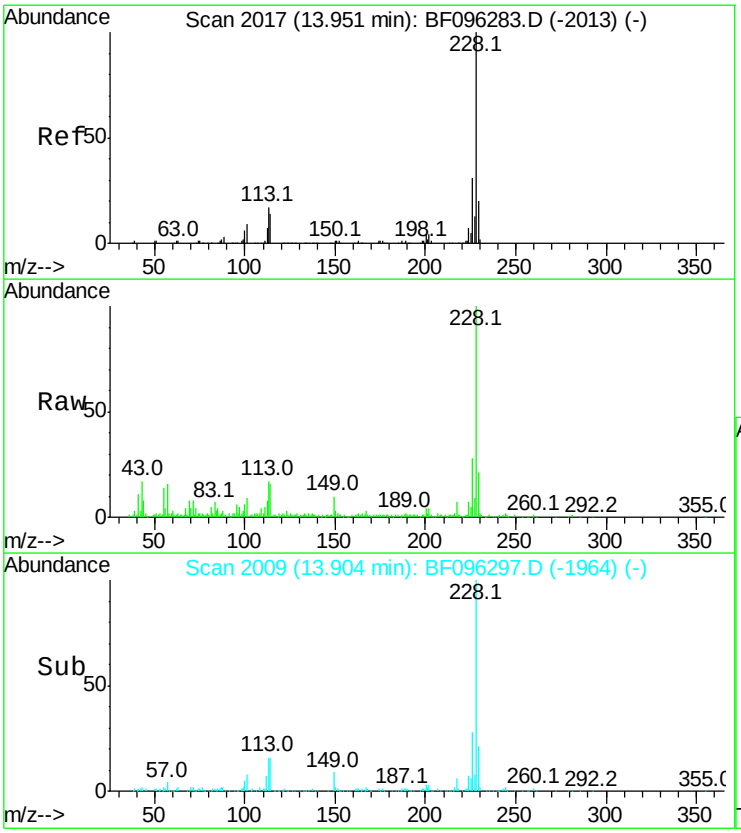
#81
3,3'-Dichlorobenzidine
Concen: 26.78 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.17 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 230

Ion	Ratio	Lower	Upper
252	100		
254	219.5	51.5	77.3#
126	287.4	15.8	23.8#

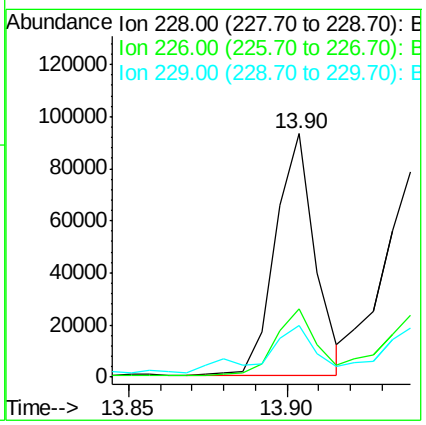


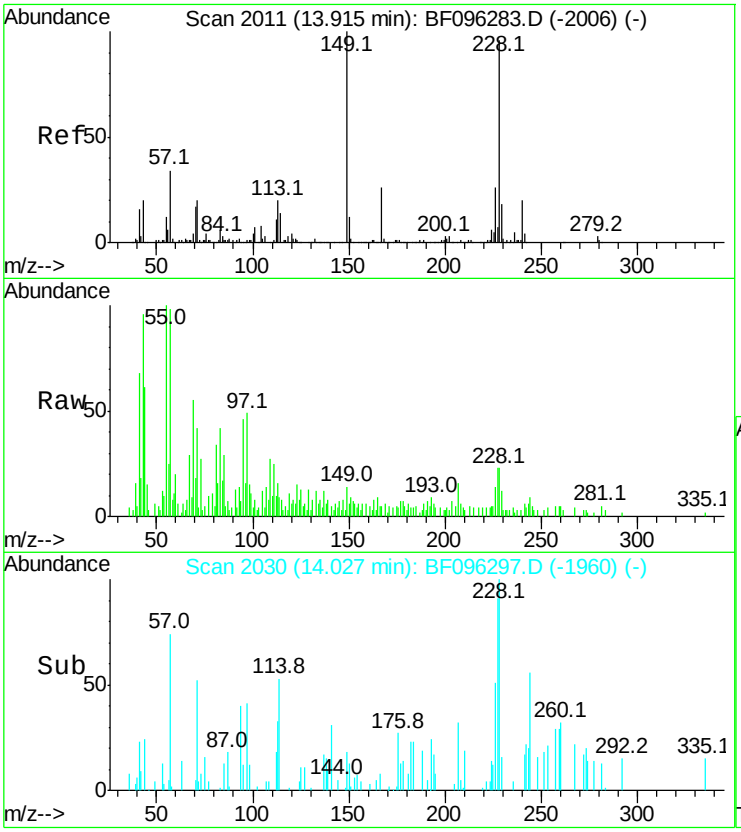


#82
Chrysene
Concen: 3470.52 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:228 Resp: 80957

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.9	37.3
229	21.2	15.8	23.6



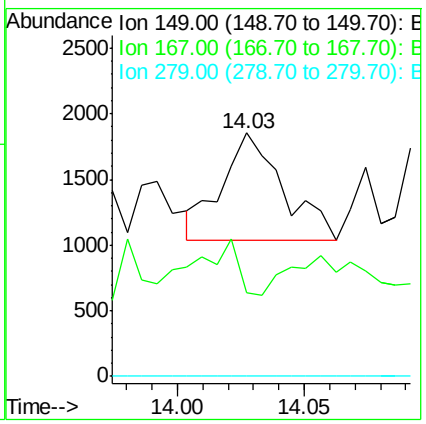


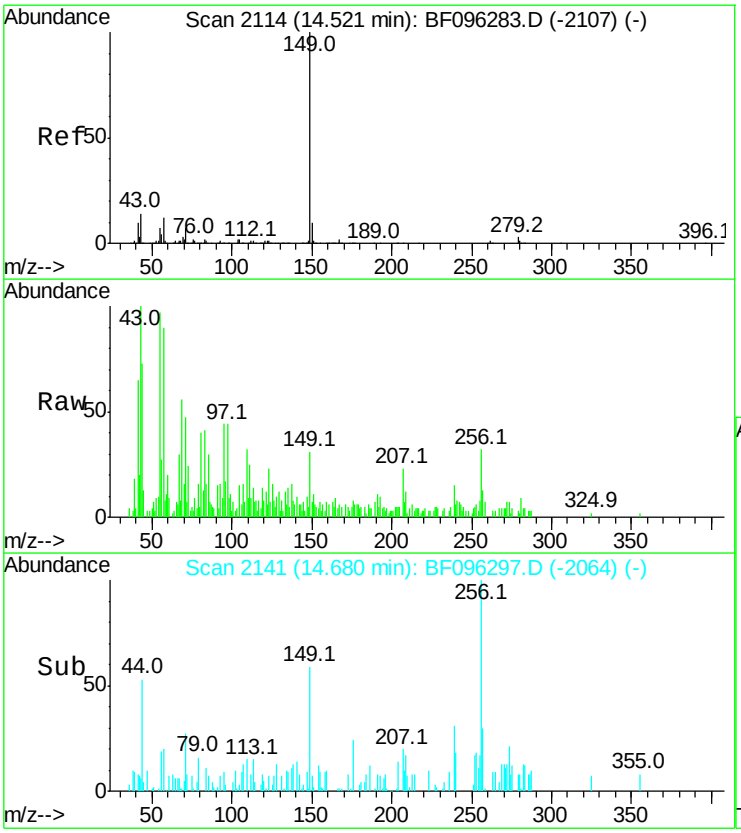
#83
Bis(2-ethylhexyl)phthalate
Concen: 89.81 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.11 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1360

Ion	Ratio	Lower	Upper
149	100		
167	34.3	21.0	31.4#
279	0.0	1.9	2.9#

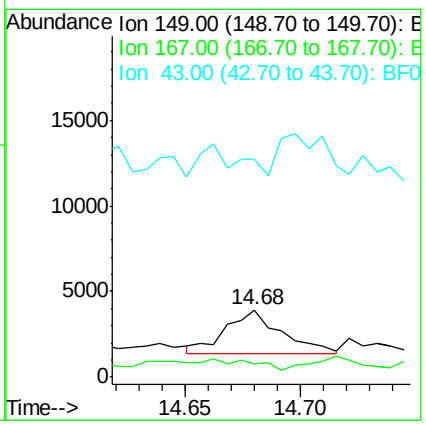


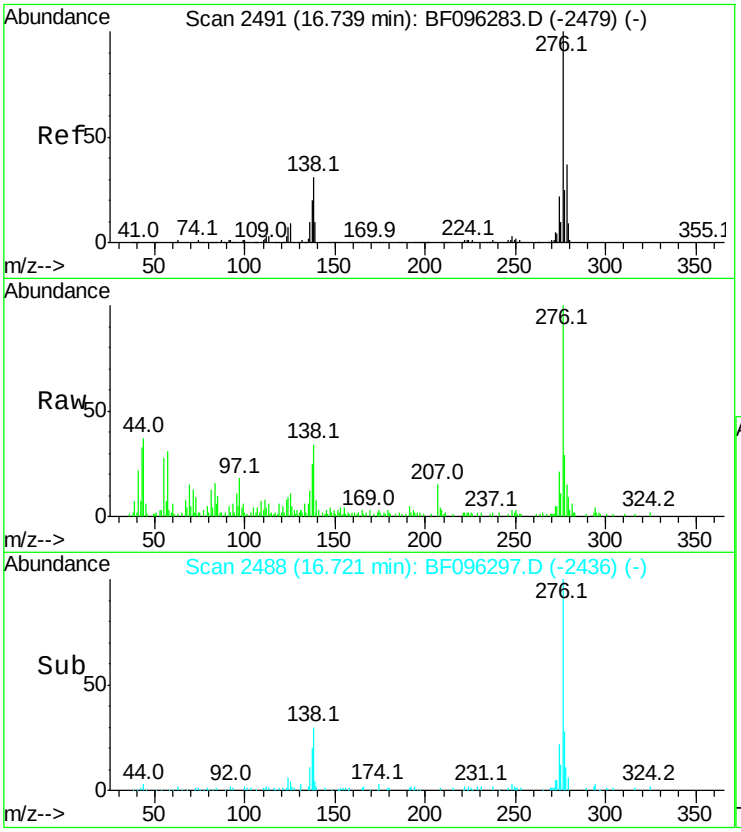


#84
Di-n-octyl phthalate
Concen: 136.87 ng
RT: 14.68 min Scan# 2141
Delta R.T. 0.15 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:149 Resp: 4269

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	48.0	8.5	12.7#



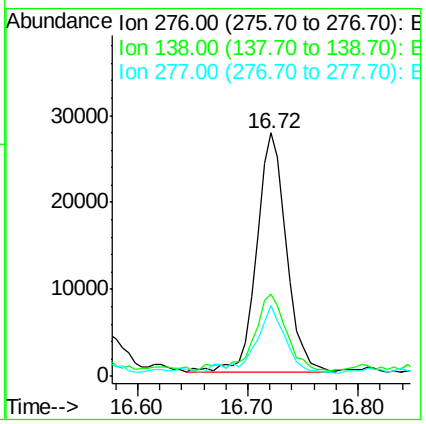


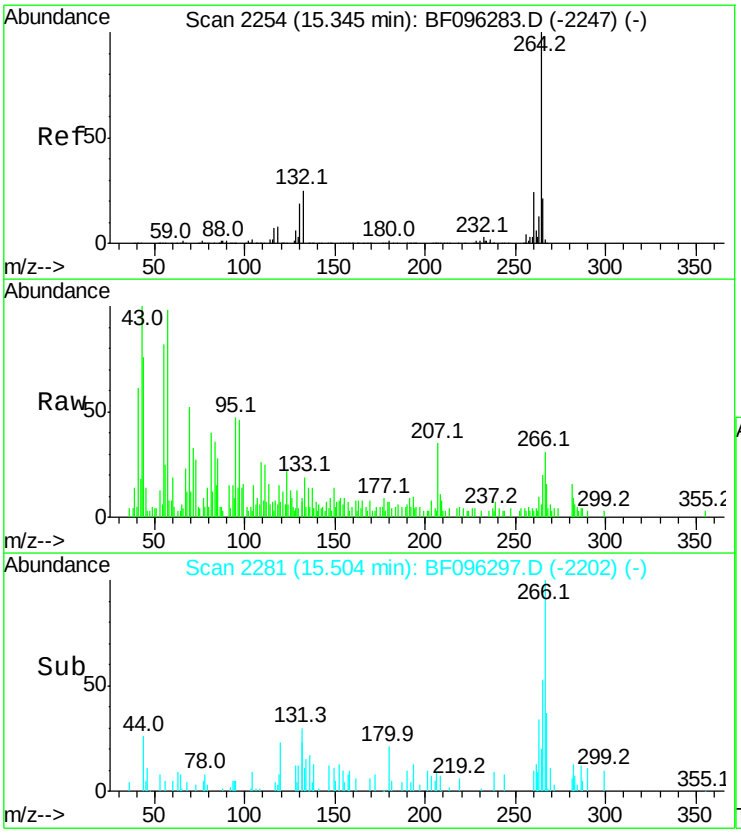
#85
Indeno(1,2,3-cd)pyrene
Concen: 2673.81 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 51775

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	26.6	20.2	30.4

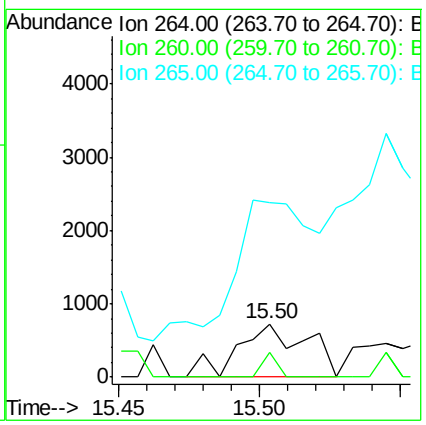


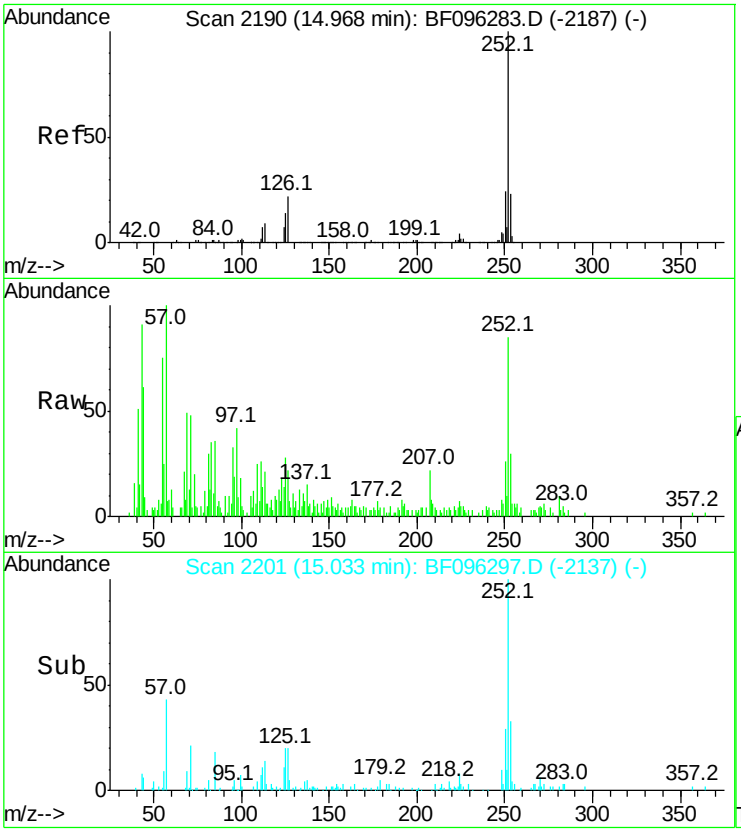


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.16 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:264 Resp: 1234

Ion	Ratio	Lower	Upper
264	100		
260	47.6	19.5	29.3#
265	327.4	17.2	25.8#



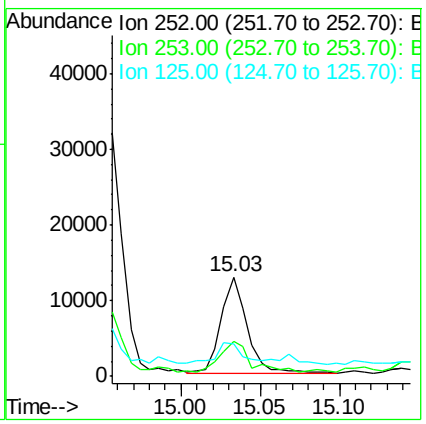


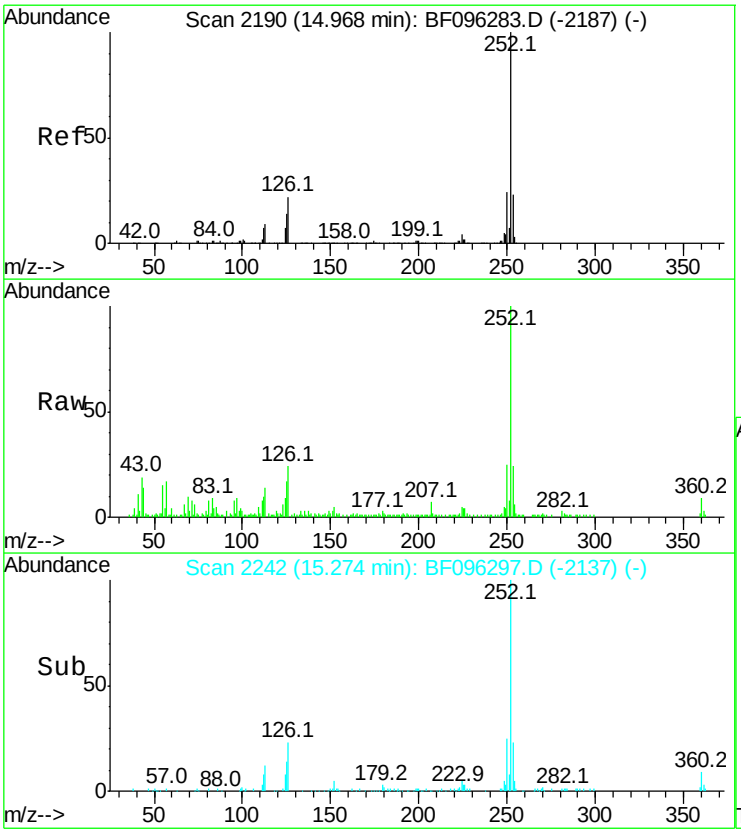
#87
Benzo(b)fluoranthene
Concen: 180.87 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.08 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 14662

Ion	Ratio	Lower	Upper
252	100		
253	35.2	18.1	27.1#
125	33.1	9.8	14.8#

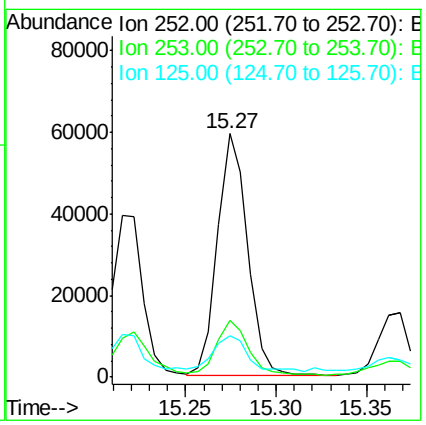


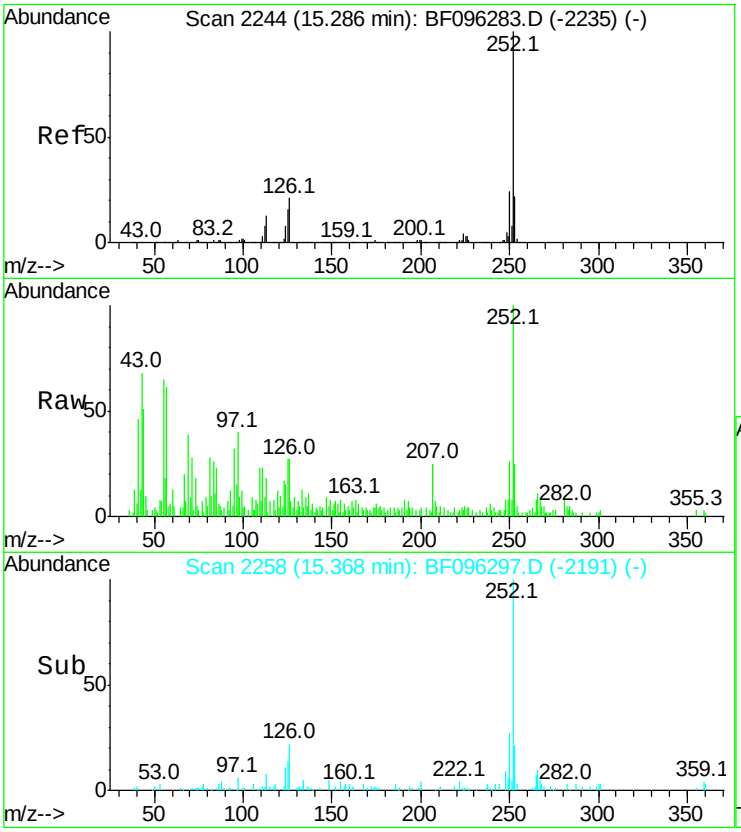


#88
Benzo(k)fluoranthene
Concen: 917.46 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.32 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:252 Resp: 67897

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	17.0	13.1	19.7



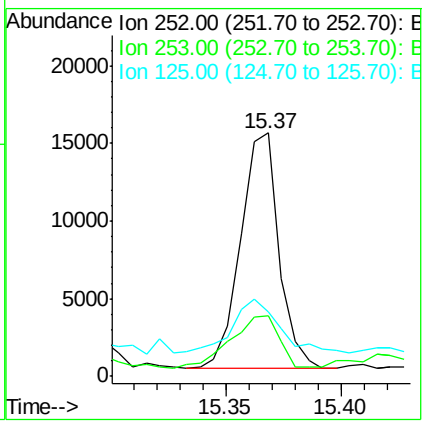


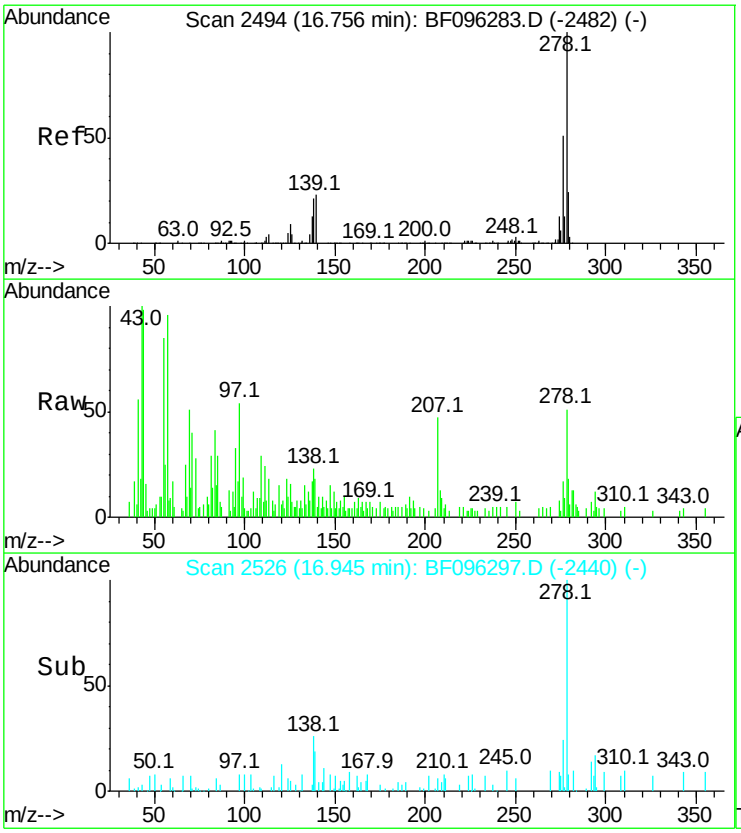
#89
Benzo(a)pyrene
Concen: 244.84 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.09 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 17530

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.5	26.3
125	26.6	11.0	16.4#

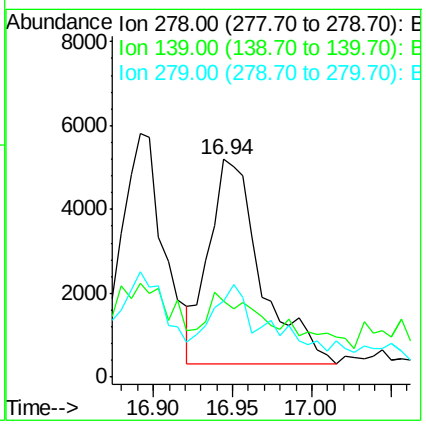


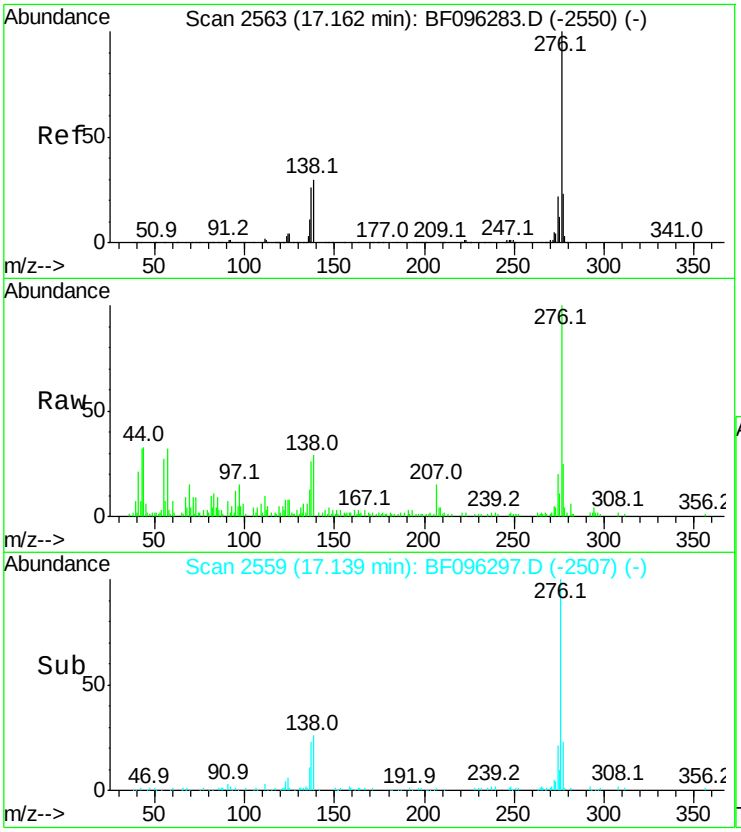


#90
Dibenzo(a,h)anthracene
Concen: 199.83 ng
RT: 16.94 min Scan# 2526
Delta R.T. 0.21 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Tgt Ion:278 Resp: 11203

Ion	Ratio	Lower	Upper
278	100		
139	35.1	16.6	24.8#
279	35.1	19.3	28.9#





#91
Benzo(g,h,i)perylene
Concen: 992.15 ng
RT: 17.14 min Scan# 2559
Delta R.T. 0.01 min
Lab File: BF096297.D
Acq: 29 Jun 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 57817

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.6	28.0
138	29.2	25.4	38.0