Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
Data File : BF098689.D
Acq On : 22 Sep 2017 10:16
Operator : SJ/JU
Sample : I5311-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-091917

Quant Time: Sep 22 11:55:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 11:54:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	144043	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	562662	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	215796	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	305537	20.00	ng	0.00
75) Chrysene-d12	14.09	240	282816	20.00	ng	0.00
86) Perylene-d12	15.58	264	325554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	725715	76.51	ng	0.00
7) Phenol-d6	6.55	99	1031305	89.78	ng	0.00
23) Nitrobenzene-d5	7.49	82	645660	77.84	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	87690	44.43	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1059648	78.14	ng	0.00
78) Terphenyl-d14	13.03	244	739033	56.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	115	0.026	ng	# 20
6) Aniline	6.55	93	522	0.034	ng	# 1
8) 2-Chlorophenol	6.71	128	232	0.023	ng	# 34
9) Benzaldehyde	6.69	77	17431	2.705	ng	84
10) Phenol	6.55	94	30539	2.409	ng	86
11) bis(2-Chloroethyl)ether	6.69	93	1175	0.120	ng	# 1
15) Benzyl Alcohol	7.08	79	10646	1.284	ng	# 32
17) 2-Methylphenol	7.06	107	278	0.033	ng	# 30
18) Hexachloroethane	7.46	117	267	0.070	ng	# 1
19) n-Nitroso-di-n-propylamine	7.49	70	85874	12.068	ng	# 77
20) 3+4-Methylphenols	7.31	107	108	0.010	ng	# 61
22) Acetophenone	7.32	105	1172	0.084	ng	# 39
24) Nitrobenzene	7.49	77	2517	0.263	ng	# 38
25) Isophorone	7.49	82	643949	35.595	ng	# 64
28) bis(2-Chloroethoxy)methane	7.80	93	176	0.016	ng	# 49
31) Naphthalene	8.23	128	18393	0.689	ng	98
33) 4-Chloroaniline	8.23	127	2554	0.230	ng	# 49
35) Caprolactam	8.62	113	165	0.069	ng	# 8
37) 2-Methylnaphthalene	8.92	142	9434	0.550	ng	92
45) 1,1'-Biphenyl	9.38	154	3809	0.205	ng	93
46) 2-Chloronaphthalene	9.55	162	119	0.009	ng	# 25
47) 2-Nitroaniline	9.62	65	117	0.030	ng	# 2
48) Acenaphthylene	9.82	152	37199	1.740	ng	99
49) Dimethylphthalate	9.67	163	86039	5.317	ng	99
50) 2,6-Dinitrotoluene	9.67	165	1034	0.324	ng	# 5
51) Acenaphthene	9.99	154	4711	0.355	ng	97
54) Dibenzofuran	10.16	168	3964	0.219	ng	# 91
55) 4-Nitrophenol	10.16	139	1705	0.515	ng	# 27
56) 2,4-Dinitrotoluene	9.96	165	29206	6.808	ng	# 24
57) Fluorene	10.50	166	6954	0.477	ng	# 93
59) Diethylphthalate	10.37	149	1942	0.122	ng	# 94
62) Azobenzene	10.65	77	1464	0.099	ng	# 35
65) n-Nitrosodiphenylamine	10.62	169	2196	0.209	ng	# 84
66) 4-Bromophenyl-phenylether	10.75	248	5474	1.774	ng	# 1

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Sample : I5311-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-03-091917

Quant Time: Sep 22 11:55:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 11:54:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Phenanthrene	11.47	178	64236	3.876	ng		96
71) Anthracene	11.52	178	25944	1.535	ng		98
72) Carbazole	11.67	167	6346	0.384	ng	#	91
73) Di-n-butylphthalate	12.00	149	5395	0.281	ng	#	89
74) Fluoranthene	12.66	202	174252	10.549	ng		98
76) Benzidine	12.80	184	909	0.079	ng	#	1
77) Pyrene	12.89	202	184849	8.804	ng		98
79) Butylbenzylphthalate	13.50	149	396	0.046	ng	#	32
80) Benzo(a)anthracene	14.07	228	123654	7.259	ng	#	78
81) 3,3'-Dichlorobenzidine	14.04	252	194	0.032	ng	#	48
82) Chrysene	14.11	228	127118	7.727	ng		97
83) Bis(2-ethylhexyl)phthalate	14.06	149	7148	0.595	ng	#	92
84) Di-n-octyl phthalate	14.66	149	842	0.047	ng	#	68
85) Indeno(1,2,3-cd)pyrene	17.09	276	101331	7.940	ng		96
87) Benzo(b)fluoranthene	15.13	252	284937	15.092	ng	#	91
88) Benzo(k)fluoranthene	15.13	252	284937	15.102	ng	#	94
89) Benzo(a)pyrene	15.52	252	151837	8.855	ng	#	93
90) Dibenzo(a,h)anthracene	17.09	278	26671	1.839	ng	#	66
91) Benzo(g,h,i)perylene	17.54	276	97590	6.695	ng		98

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

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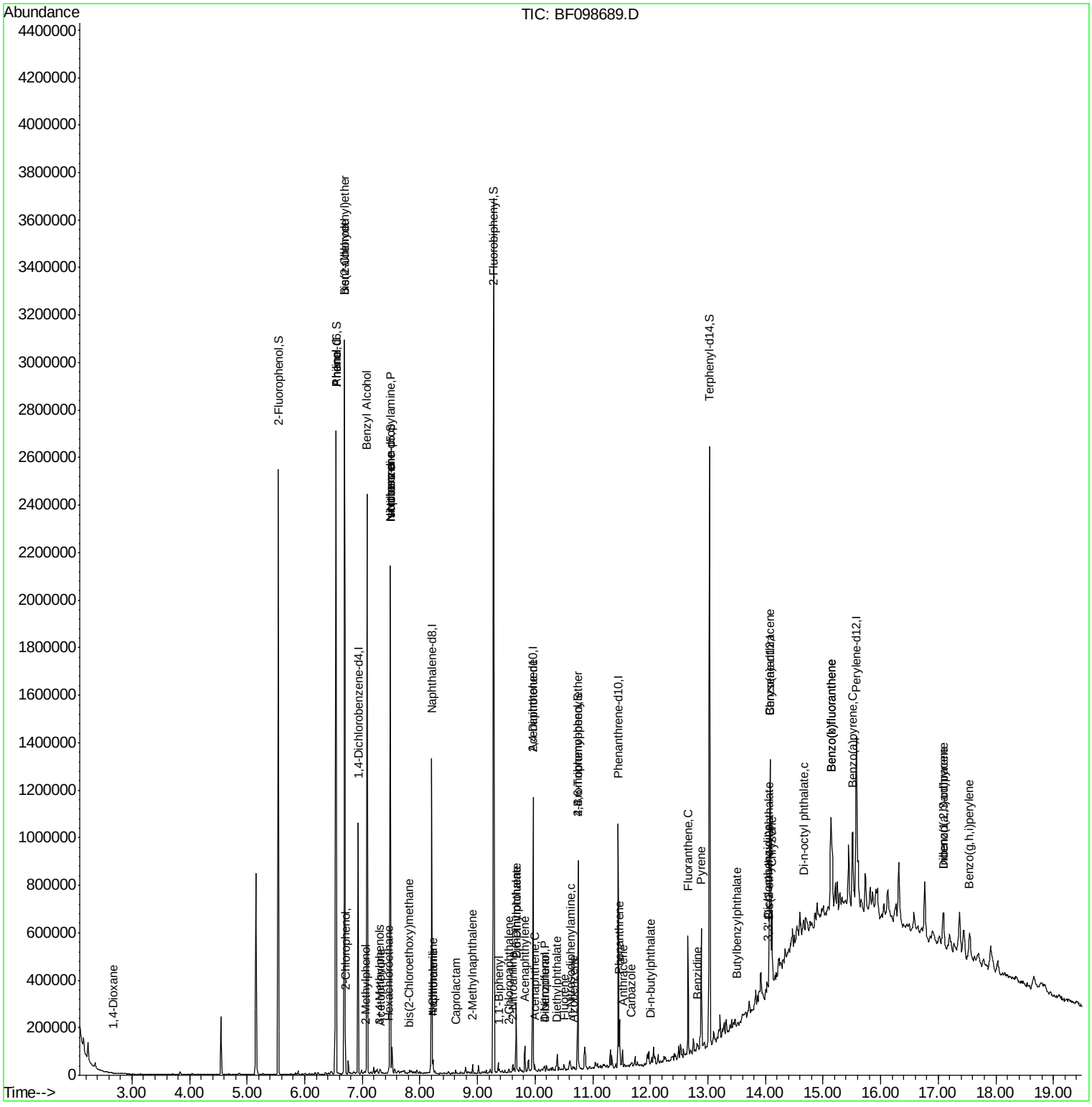
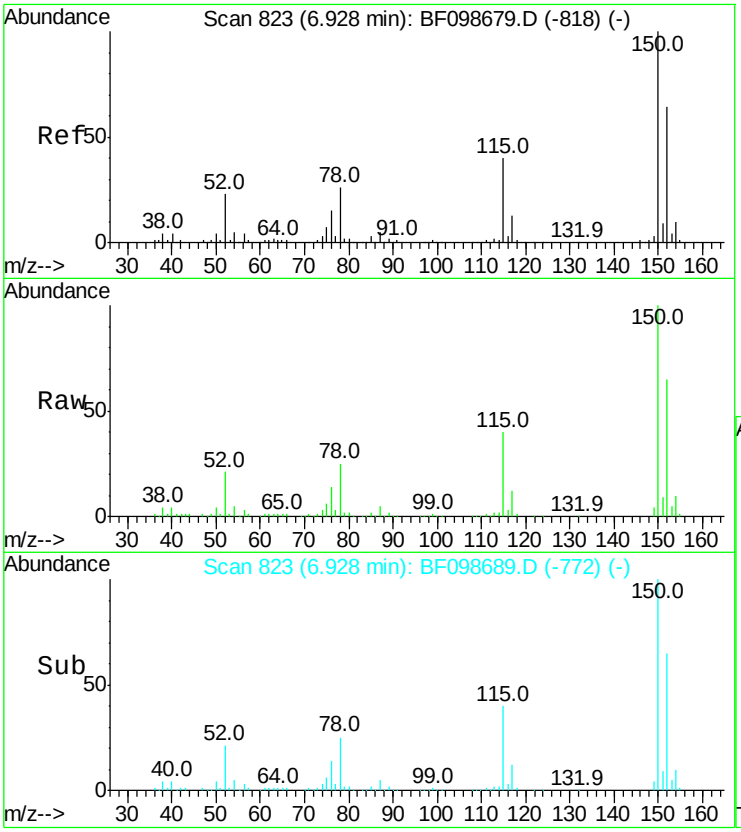


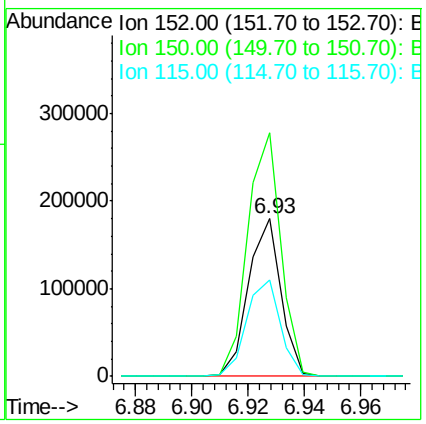


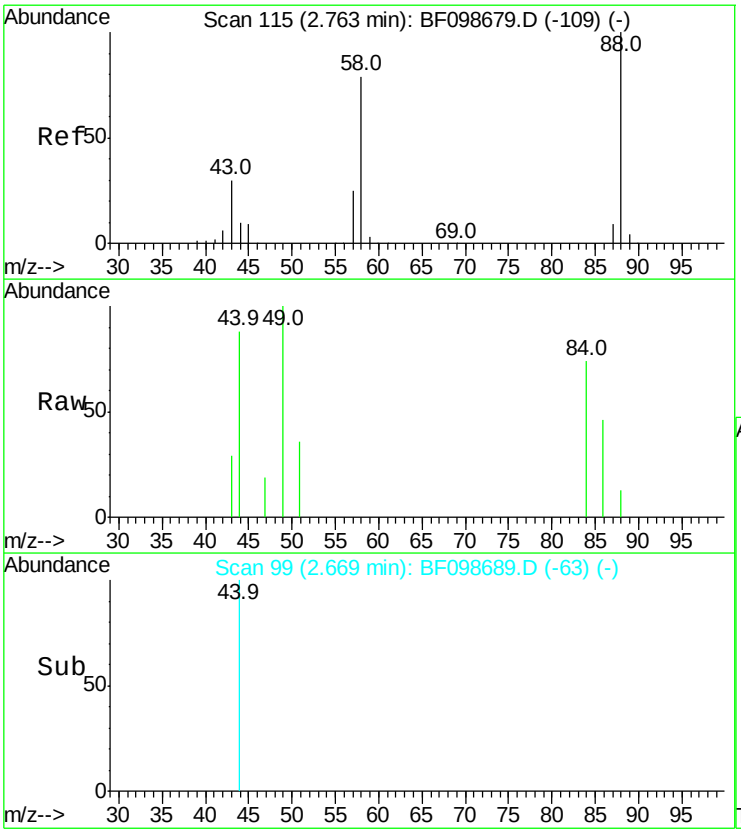
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:152 Resp: 144043

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	61.0	50.1	75.1

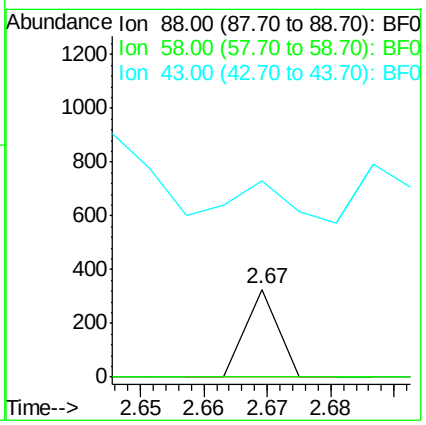


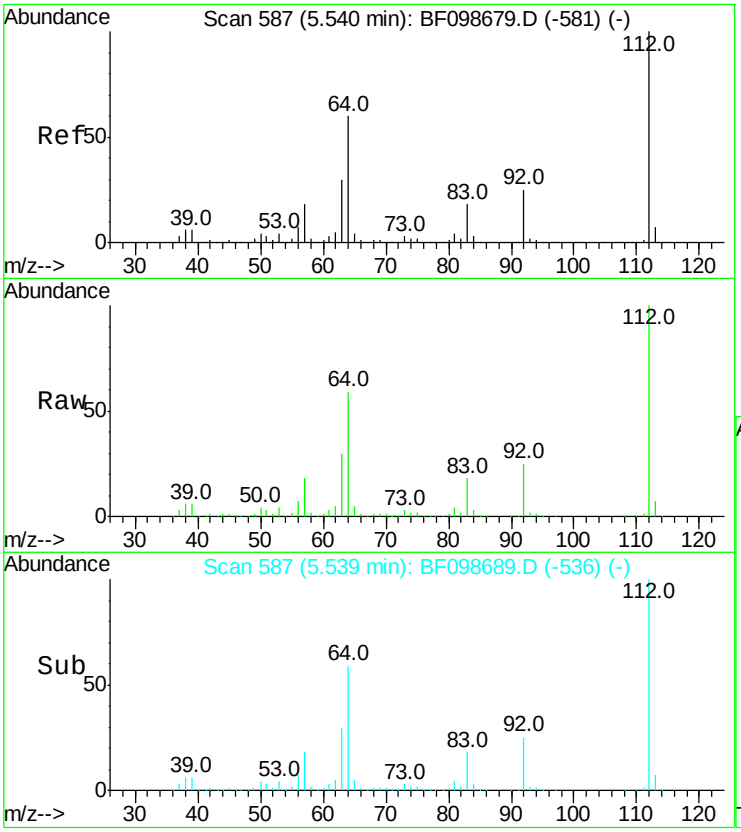


#2
1,4-Dioxane
Concen: 0.026 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.09 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 88 Resp: 115

Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	0.0	24.6	37.0#



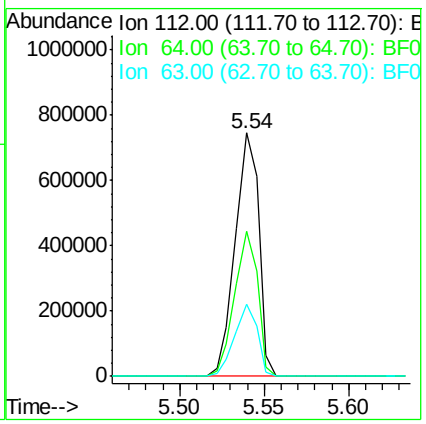


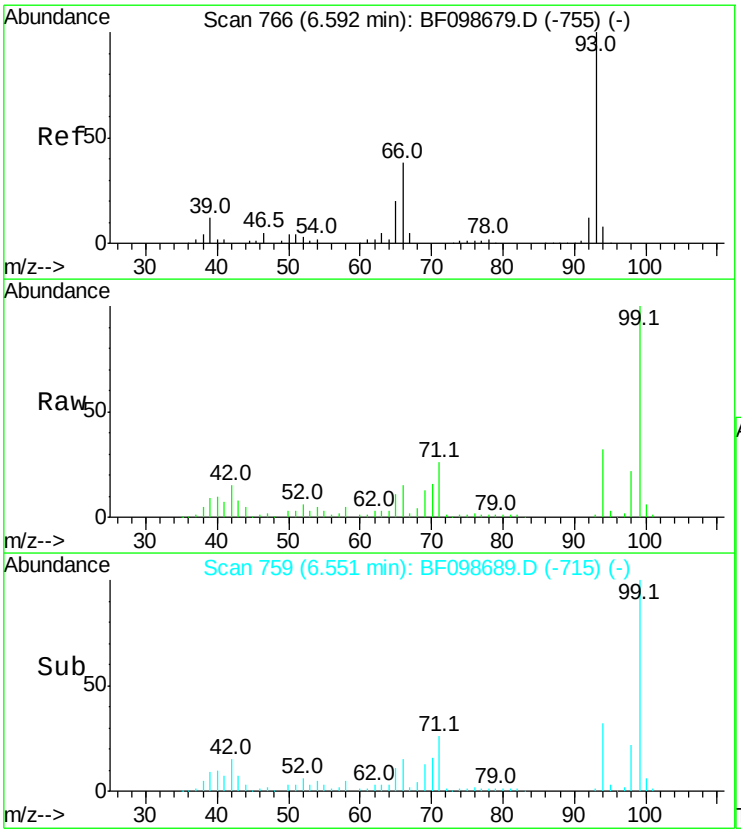
#5
2-Fluorophenol
Concen: 76.506 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:112 Resp: 725715

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	29.7	23.7	35.5

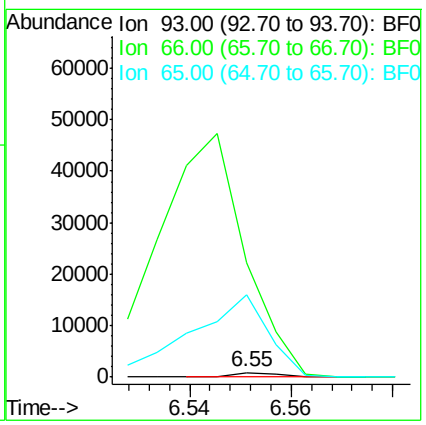


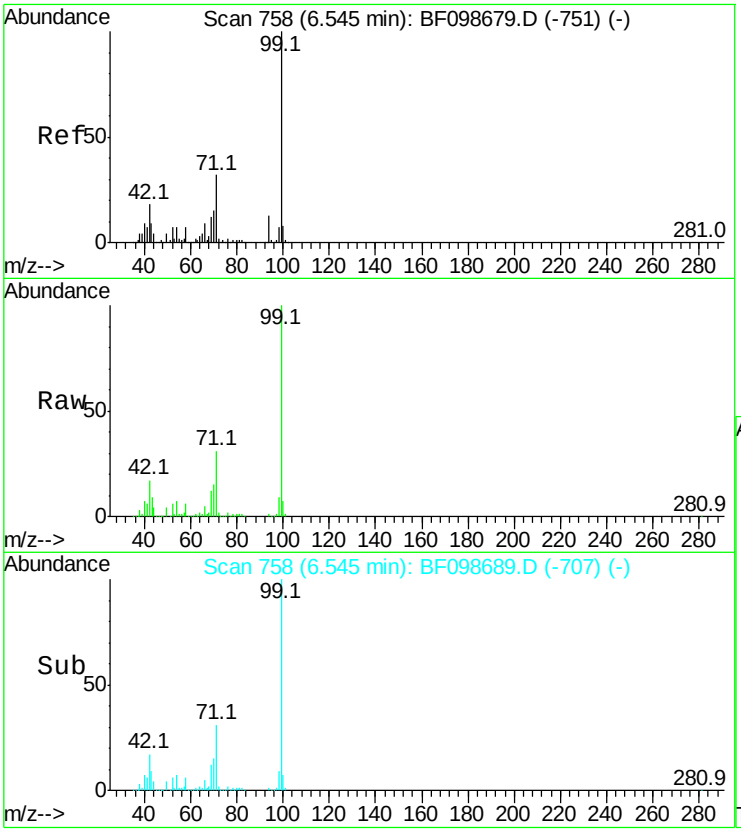


#6
Aniline
Concen: 0.034 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 93 Resp: 522

Ion	Ratio	Lower	Upper
93	100		
66	2537.9	32.2	48.2#
65	1822.8	16.4	24.6#



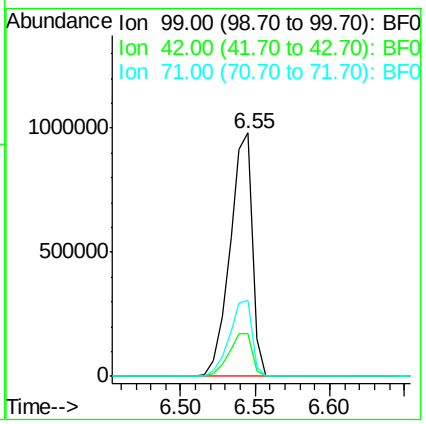


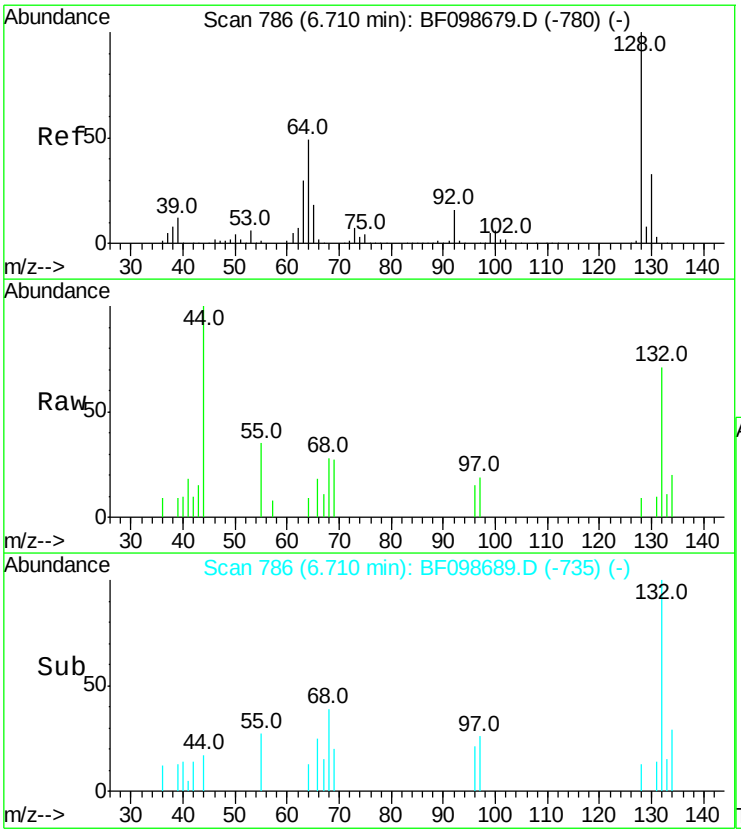
#7
Phenol-d6
Concen: 89.782 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion: 99 Resp: 1031305

Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.5	21.7
71	31.3	25.4	38.0

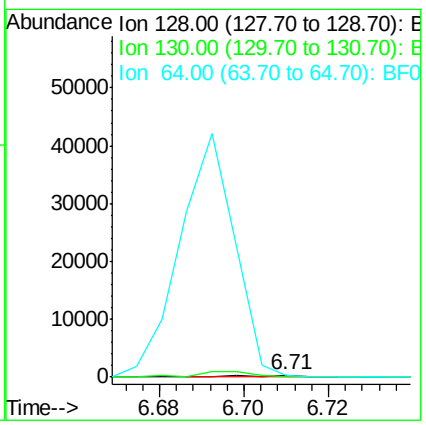


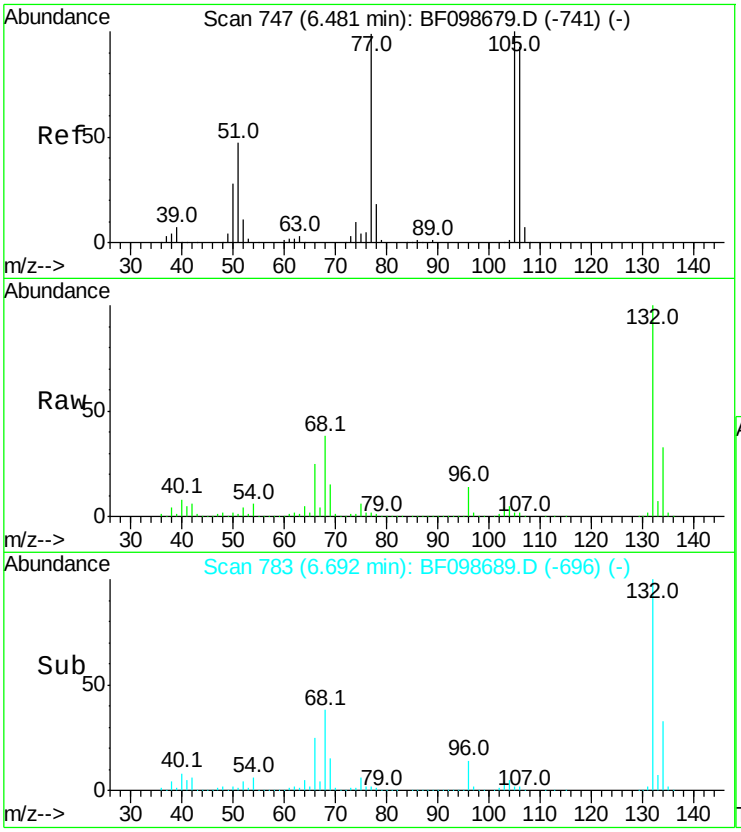


#8
2-Chlorophenol
Concen: 0.023 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:128 Resp: 232

Ion	Ratio	Lower	Upper
128	100		
130	0.0	13.0	53.0#
64	97.7	29.4	69.4#



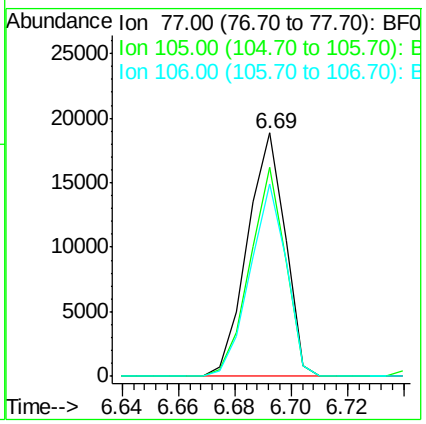


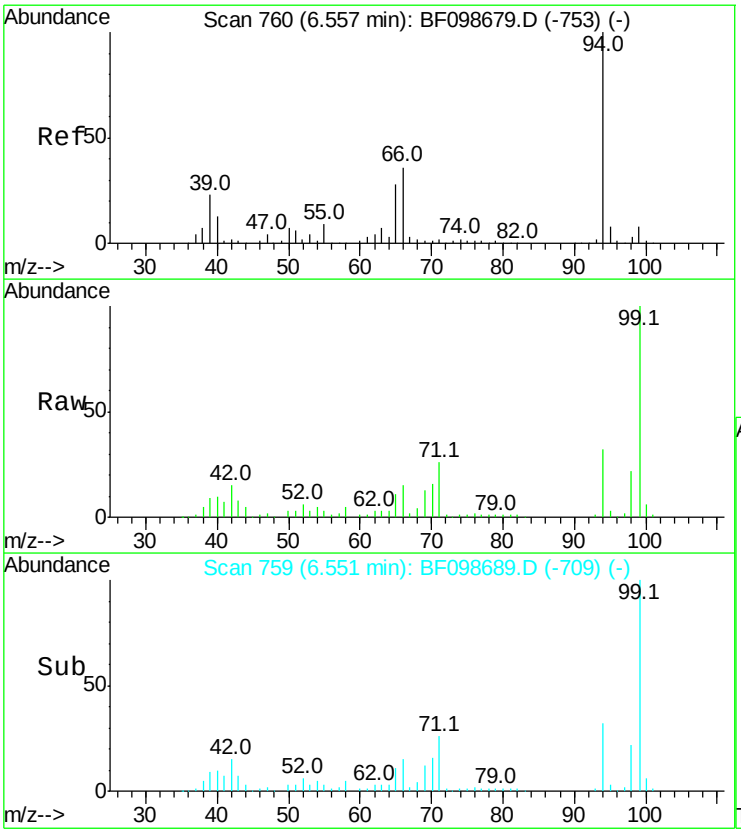
#9
Benzaldehyde
Concen: 2.705 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.21 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion: 77 Resp: 17431

Ion	Ratio	Lower	Upper
77	100		
105	85.7	81.1	121.1
106	78.9	74.5	114.5

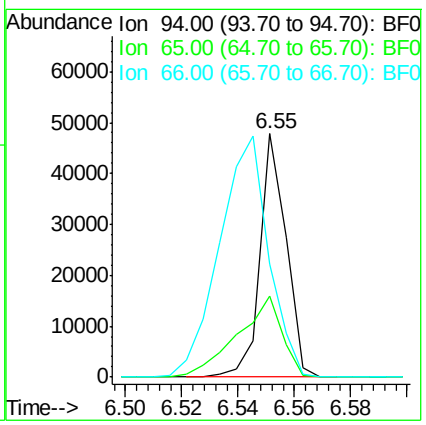


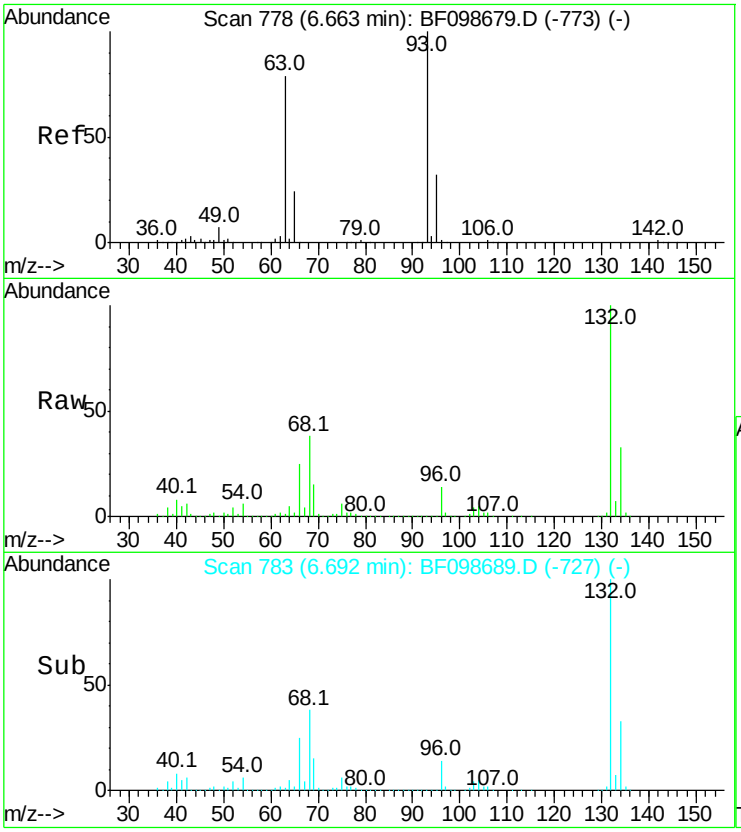


#10
Phenol
Concen: 2.409 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 94 Resp: 30539

Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.9	47.9
66	46.5	16.2	56.2



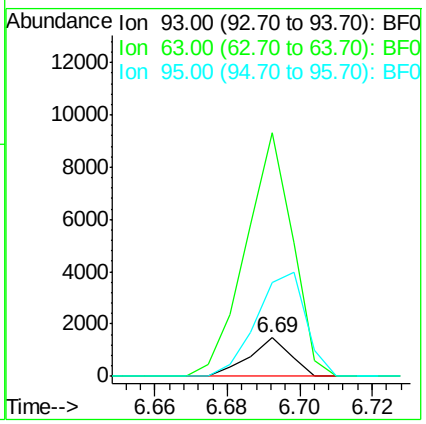


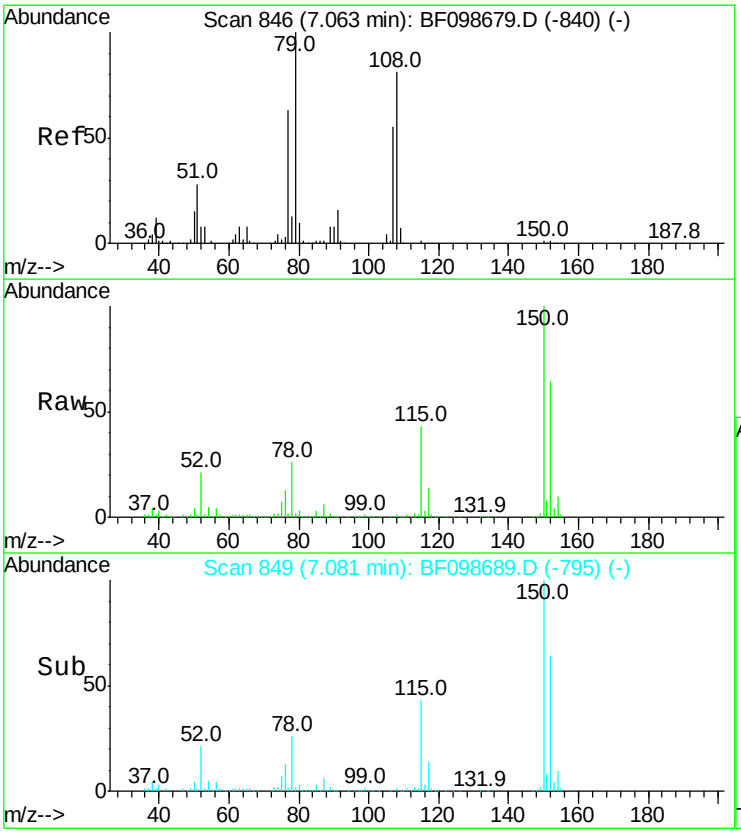
#11
bis(2-Chloroethyl)ether
Concen: 0.120 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.03 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion: 93 Resp: 1175

Ion	Ratio	Lower	Upper
93	100		
63	628.1	58.6	98.6#
95	243.8	11.8	51.8#

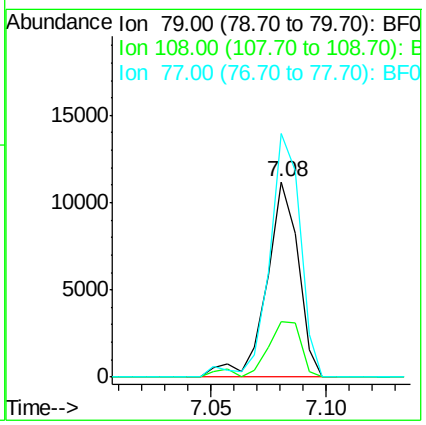


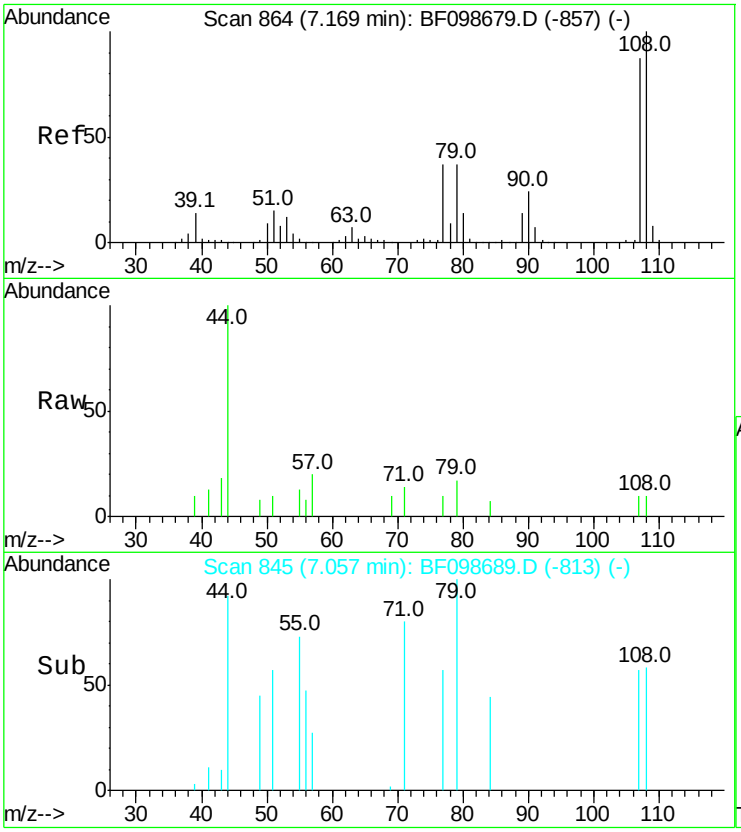


#15
Benzyl Alcohol
Concen: 1.284 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.02 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 79 Resp: 10646

Ion	Ratio	Lower	Upper
79	100		
108	28.5	65.1	97.7#
77	124.6	50.6	75.8#



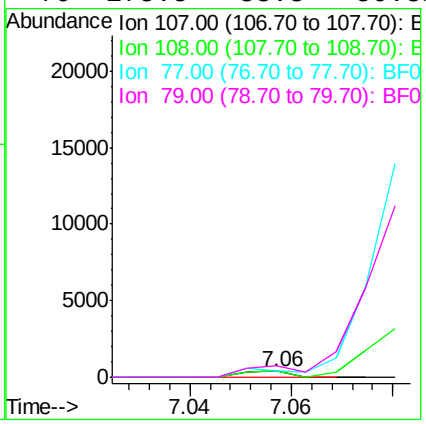


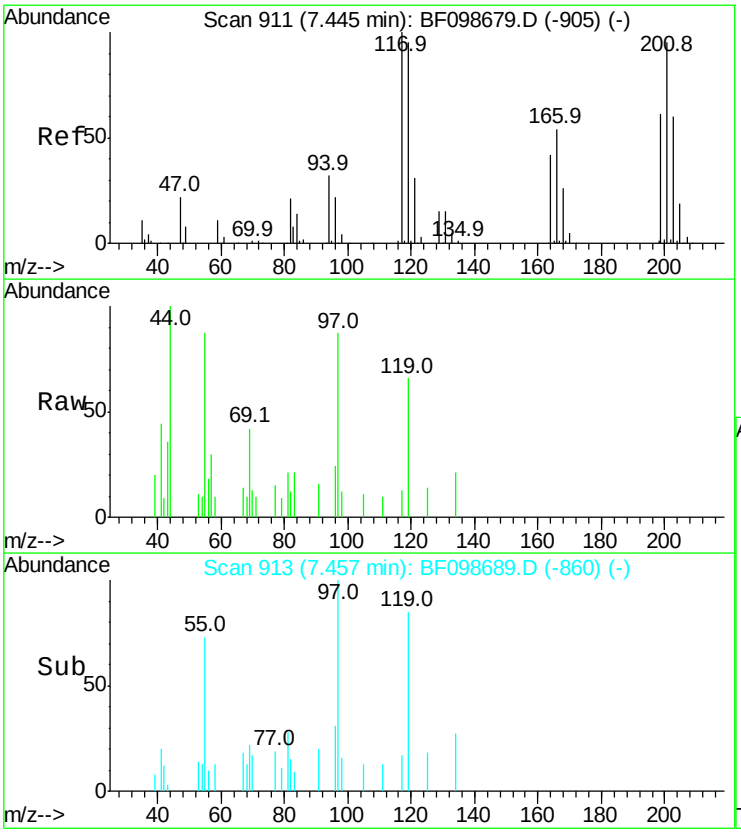
#17
2-Methylphenol
Concen: 0.033 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.11 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:107 Resp: 278

Ion	Ratio	Lower	Upper
107	100		
108	102.6	91.7	137.5
77	100.5	33.8	50.8#
79	175.5	33.8	50.8#

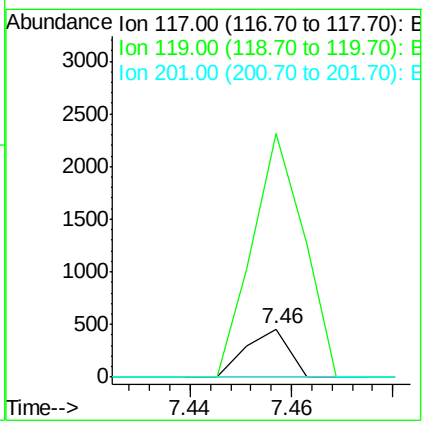


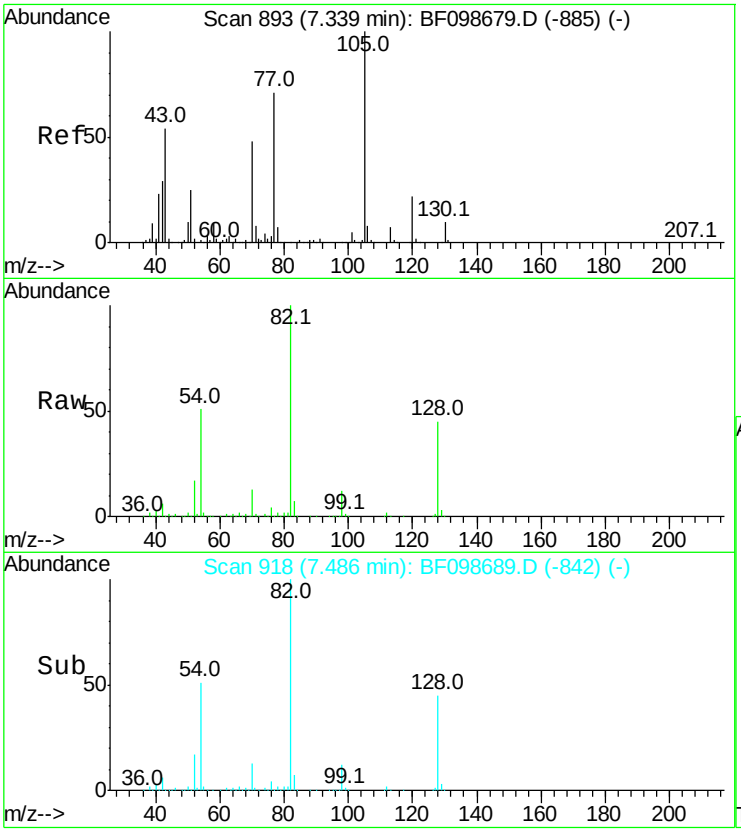


#18
Hexachloroethane
Concen: 0.070 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:117 Resp: 267

Ion	Ratio	Lower	Upper
117	100		
119	505.9	75.8	113.8#
201	0.0	75.7	113.5#



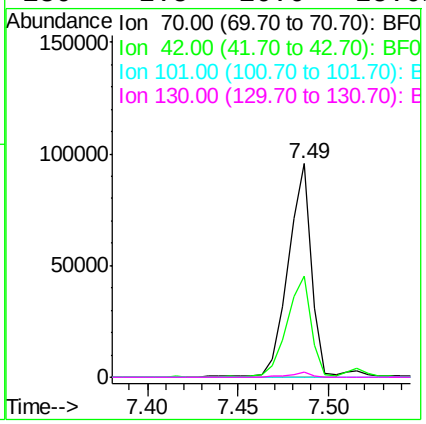


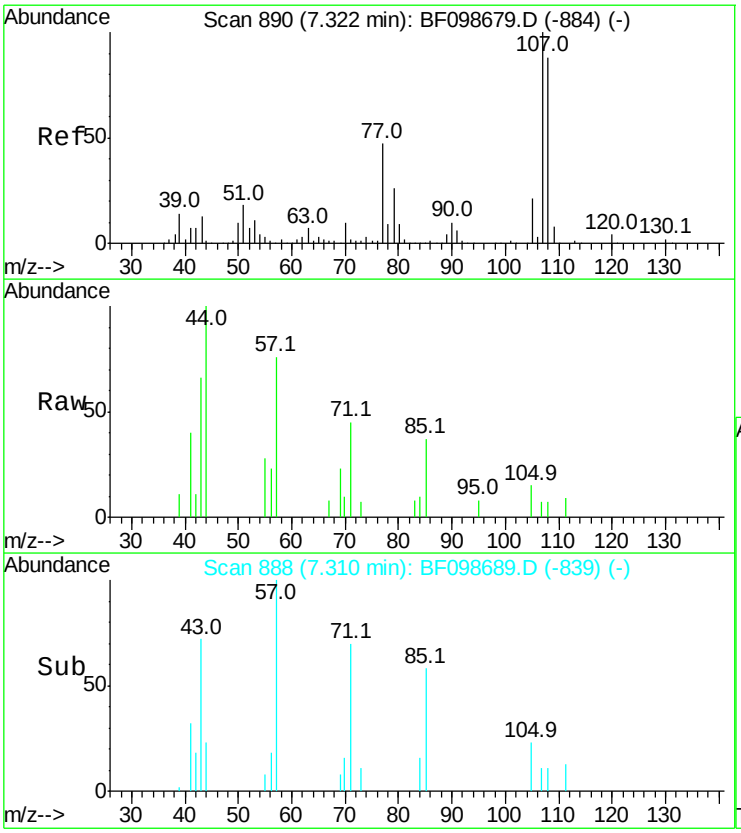
#19
n-Nitroso-di-n-propylamine
Concen: 12.068 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.15 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion: 70 Resp: 85874

Ion	Ratio	Lower	Upper
70	100		
42	47.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#

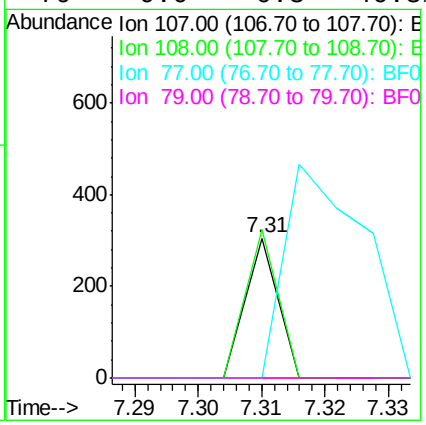


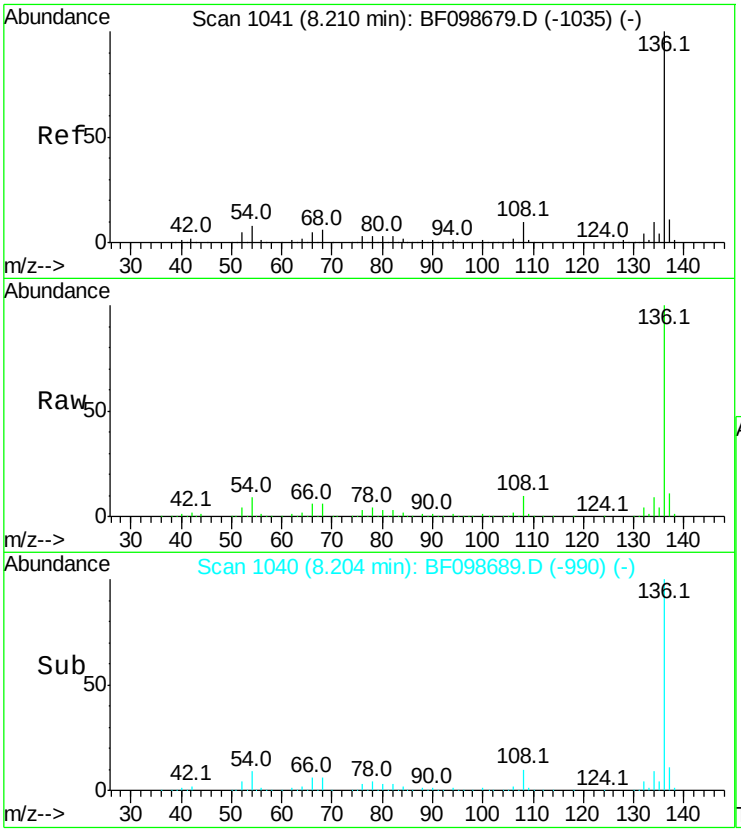


#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:107 Resp: 108

Ion	Ratio	Lower	Upper
107	100		
108	106.2	68.2	108.2
77	0.0	26.7	66.7#
79	0.0	6.3	46.3#



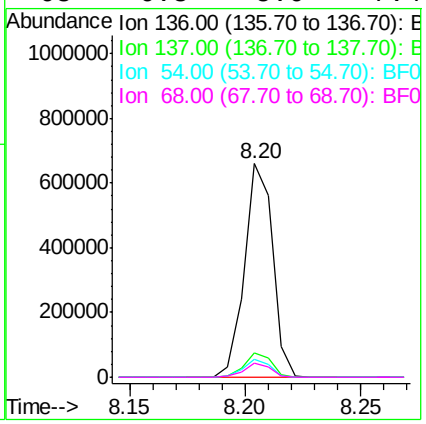


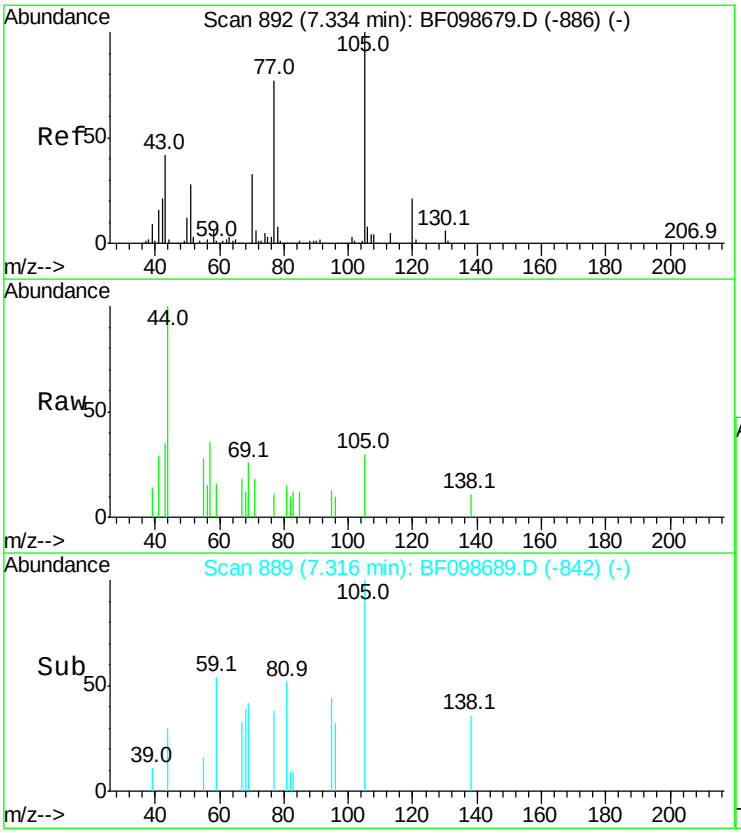
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:136 Resp: 562662

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.7	6.6	9.8
68	6.3	5.0	7.4

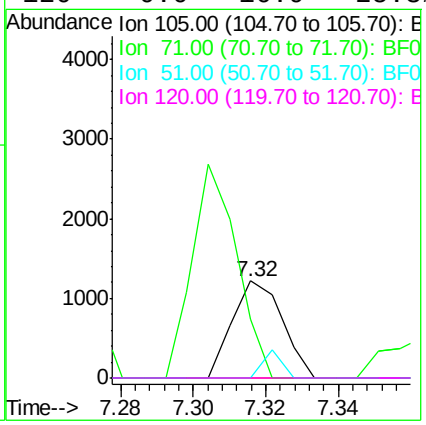


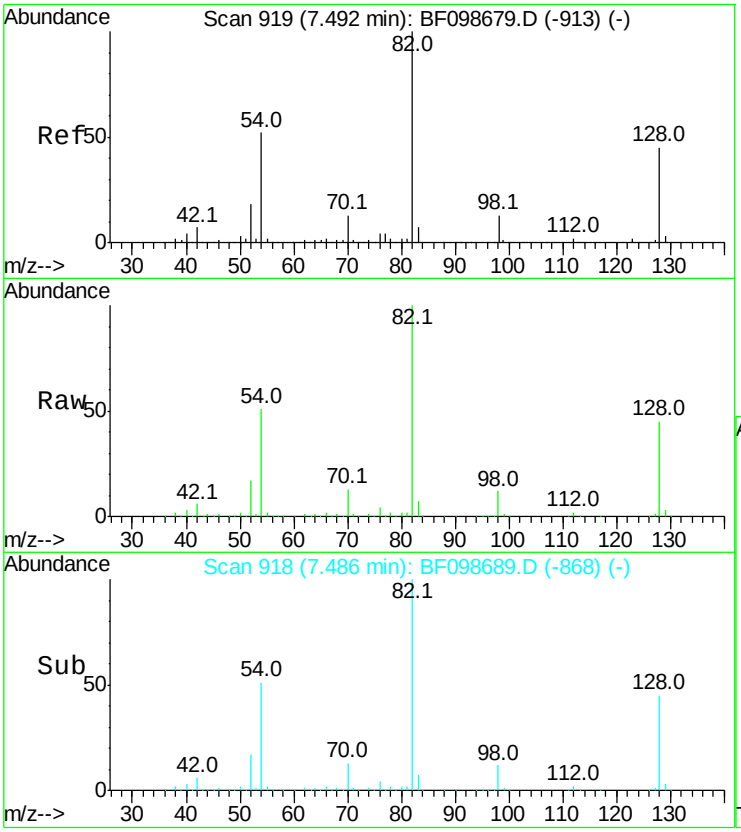


#22
Acetophenone
Concen: 0.084 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:105 Resp: 1172

Ion	Ratio	Lower	Upper
105	100		
71	60.8	4.4	6.6#
51	0.0	22.3	33.5#
120	0.0	16.9	25.3#



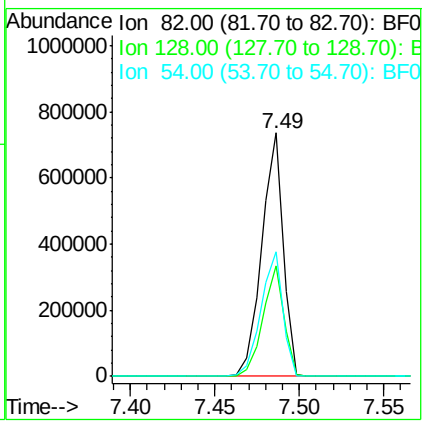


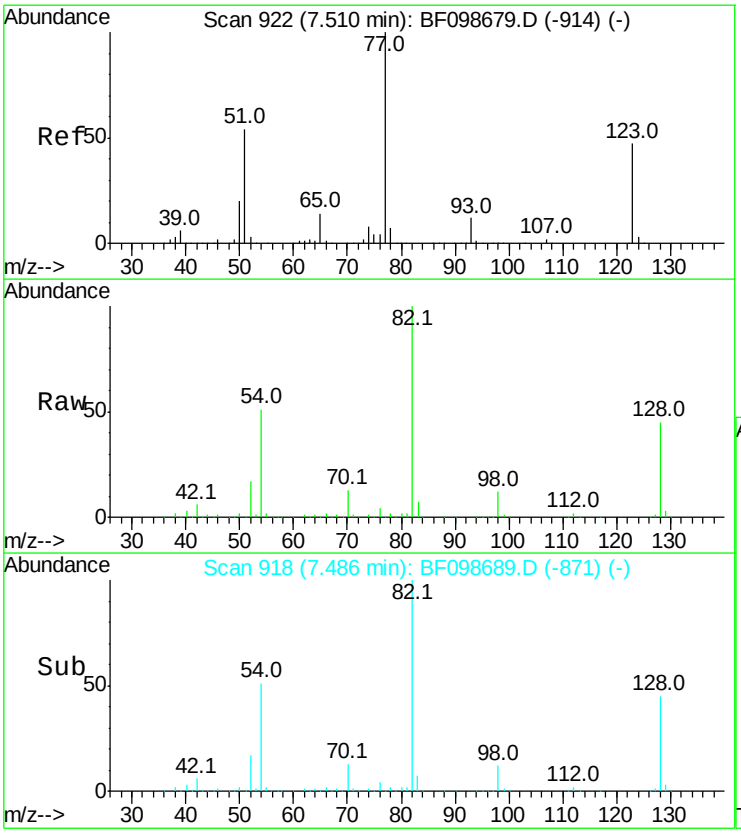
#23
Nitrobenzene-d5
Concen: 77.836 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion: 82 Resp: 645660

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	51.1	41.4	62.2

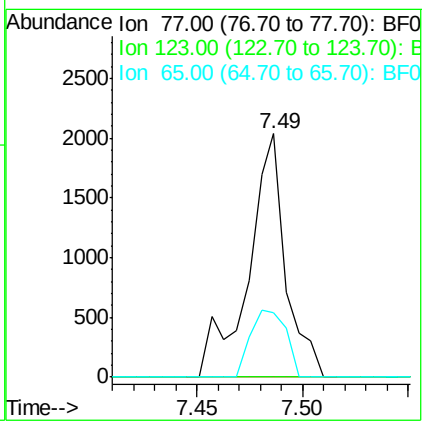


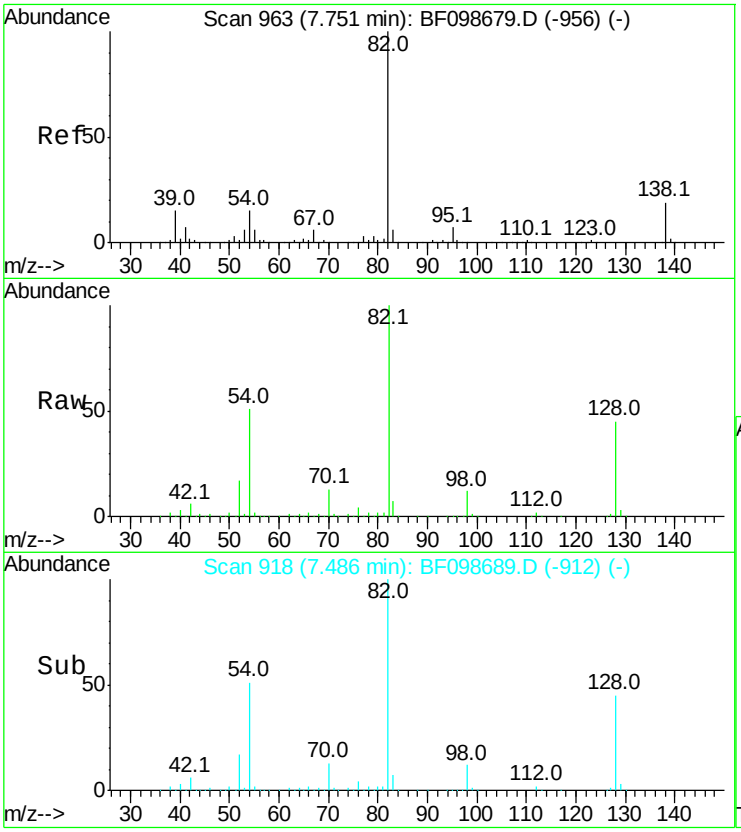


#24
Nitrobenzene
Concen: 0.263 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 77 Resp: 2517

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.9	56.9#
65	26.7	11.0	16.4#



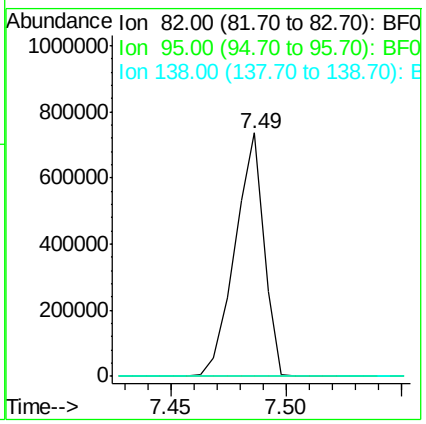


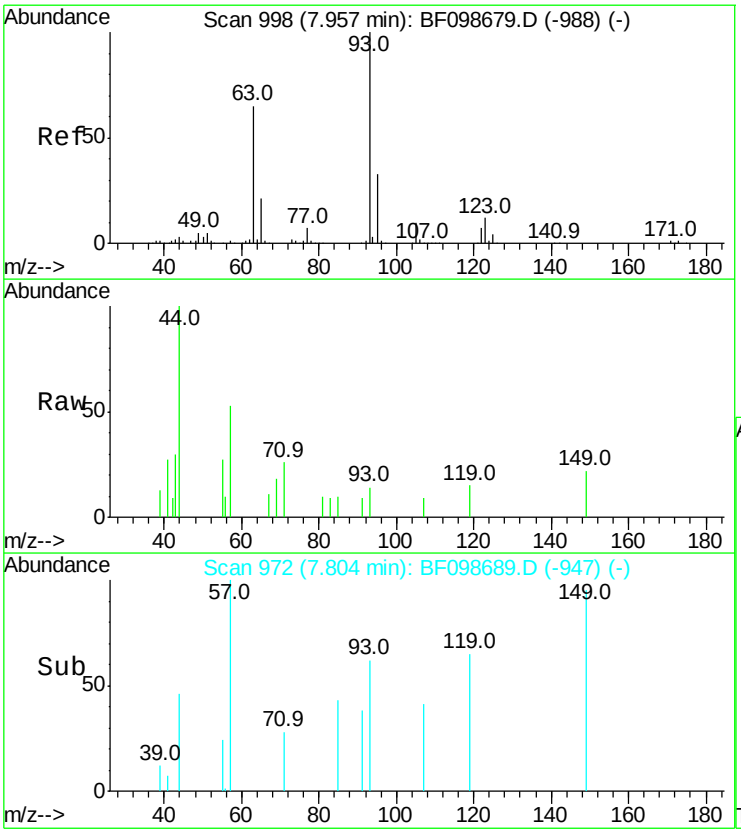
#25
Isophorone
Concen: 35.595 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.26 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion: 82 Resp: 643949

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	14.9	22.3#

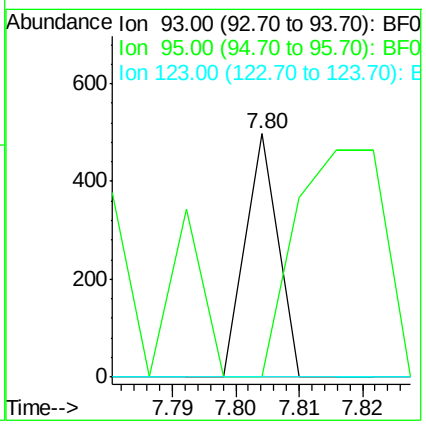


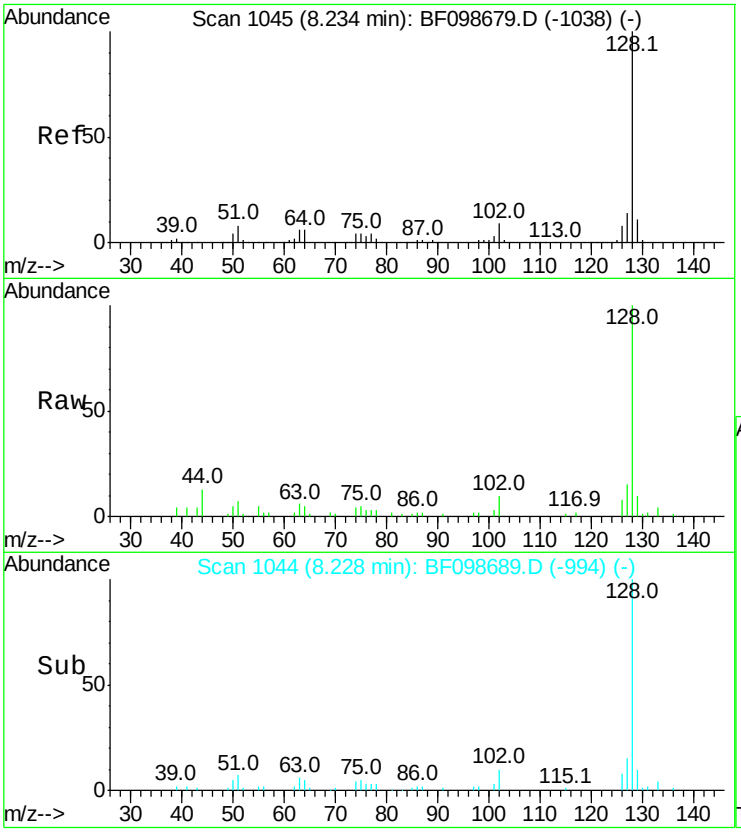


#28
bis(2-Chloroethoxy)methane
Concen: 0.016 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.15 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 93 Resp: 176

Ion	Ratio	Lower	Upper
93	100		
95	0.0	26.3	39.5#
123	0.0	9.8	14.6#



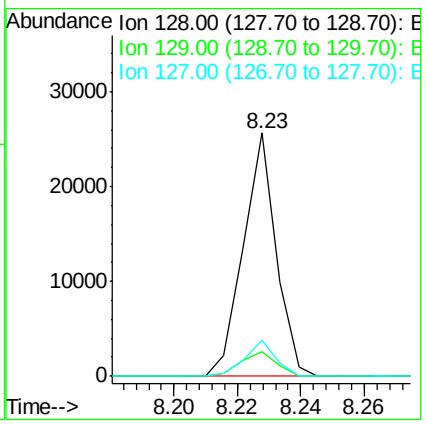


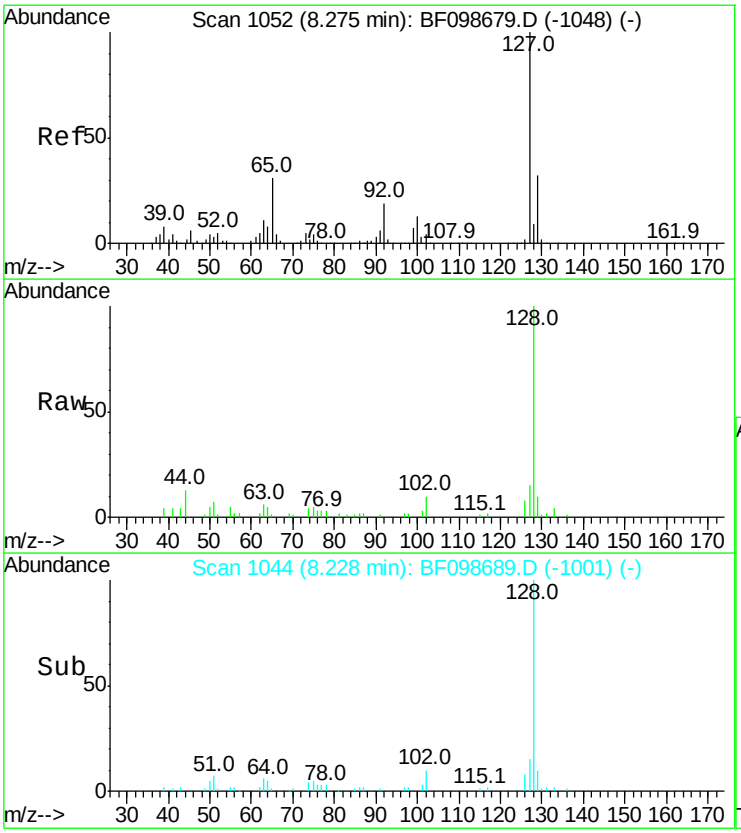
#31
Naphthalene
Concen: 0.689 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument : BNA_F
ClientSampleId : OK-03-091917

Tgt Ion:128 Resp: 18393

Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	14.6	10.9	16.3

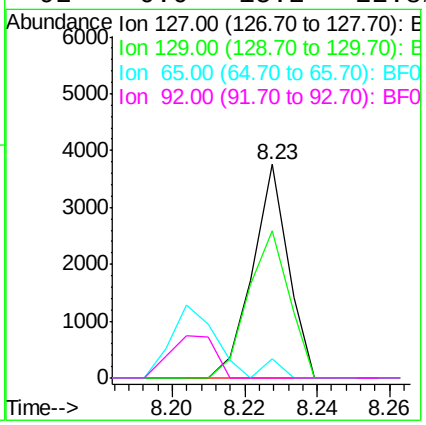


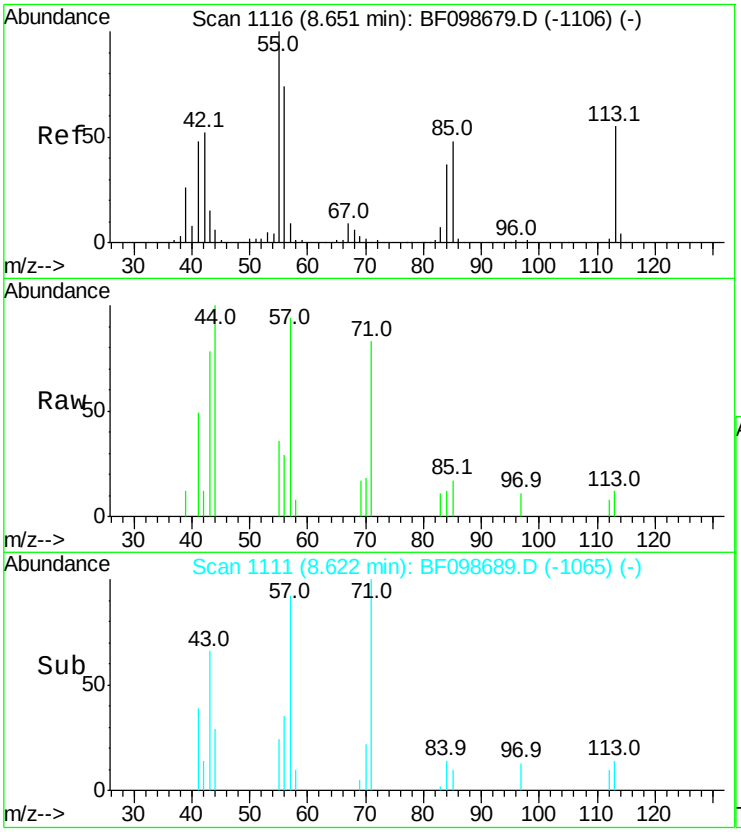


#33
4-Chloroaniline
Concen: 0.230 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:127 Resp: 2554

Ion	Ratio	Lower	Upper
127	100		
129	69.2	25.9	38.9#
65	8.8	25.0	37.4#
92	0.0	15.2	22.8#



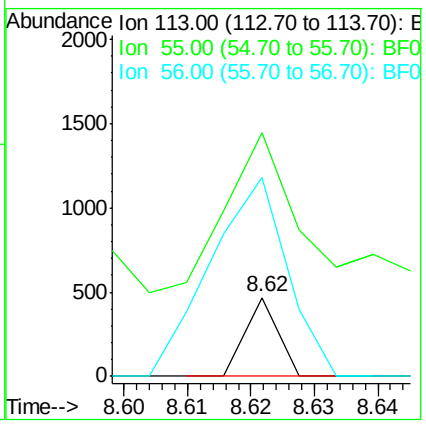


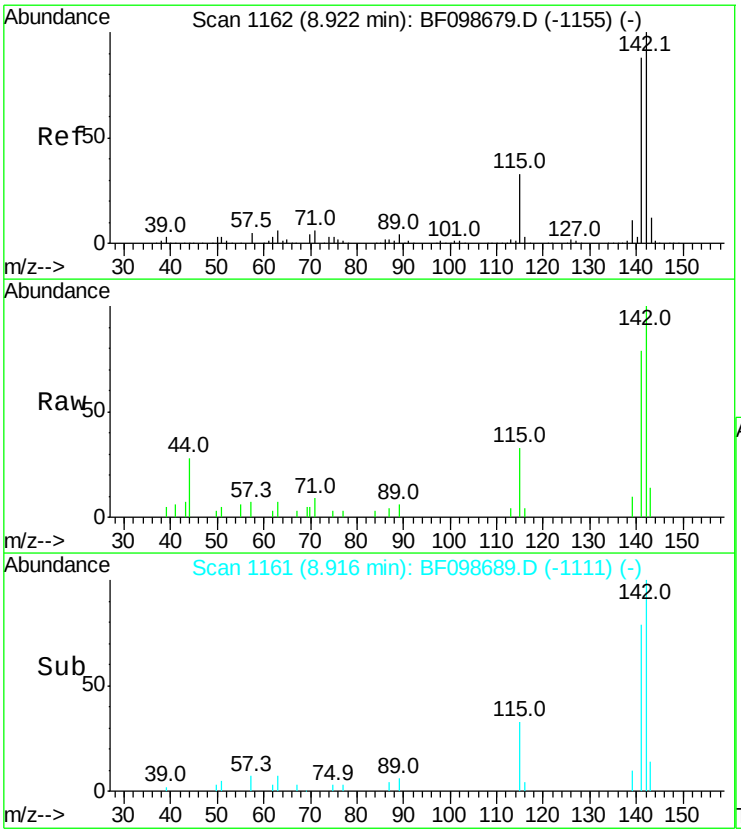
#35
Caprolactam
Concen: 0.069 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.03 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:113 Resp: 165

Ion	Ratio	Lower	Upper
113	100		
55	308.8	163.3	203.3#
56	252.1	115.7	155.7#

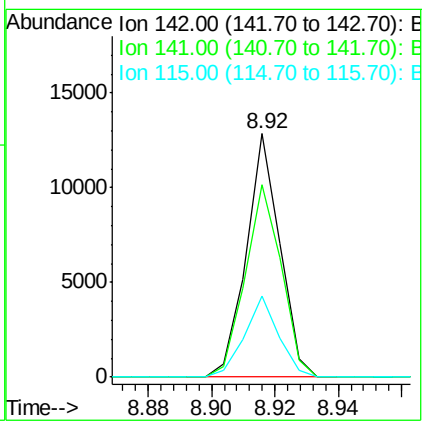


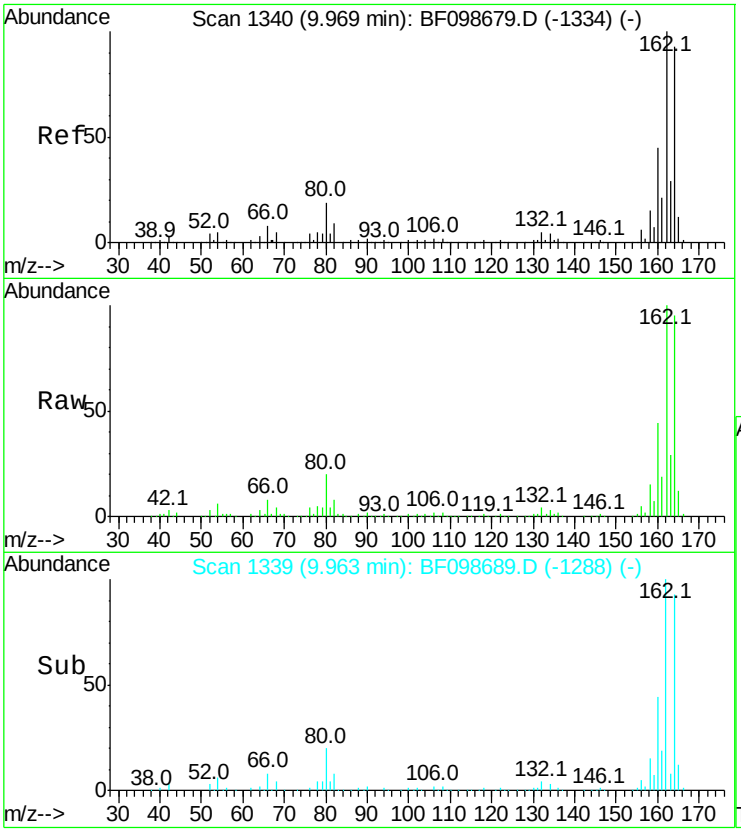


#37
2-Methylnaphthalene
Concen: 0.550 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:142 Resp: 9434

Ion	Ratio	Lower	Upper
142	100		
141	78.9	70.8	106.2
115	33.5	26.1	39.1



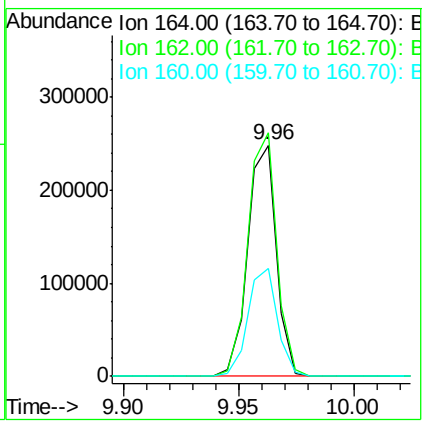


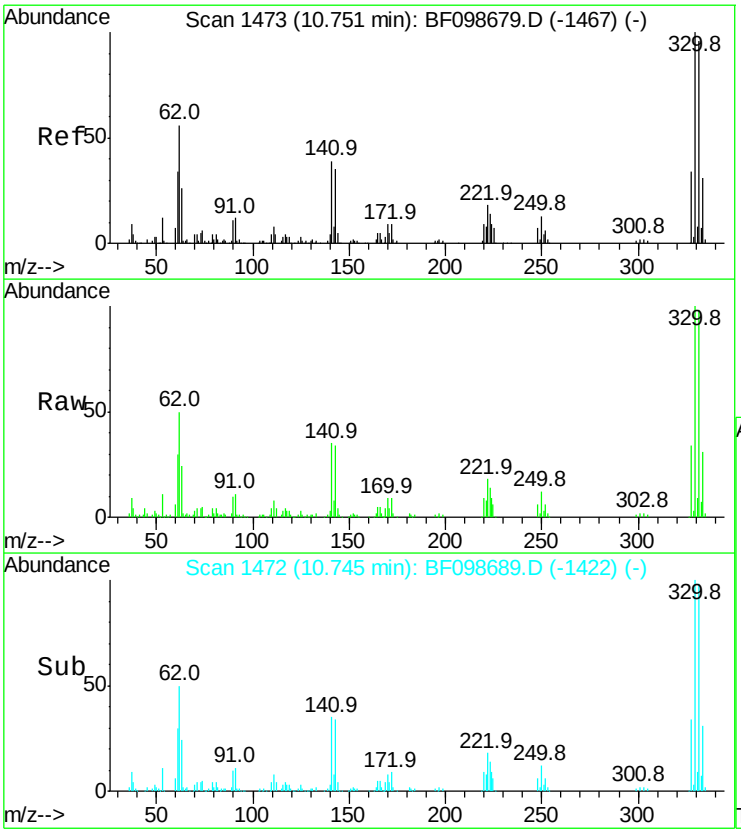
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:164 Resp: 215796

Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	46.5	38.3	57.5

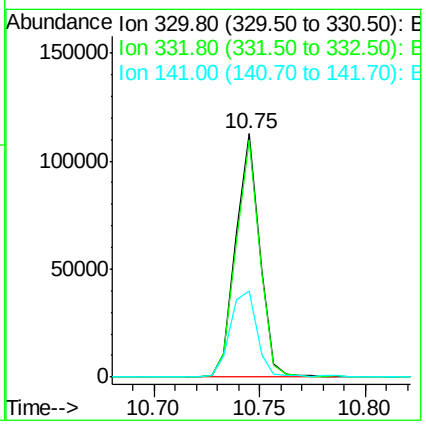


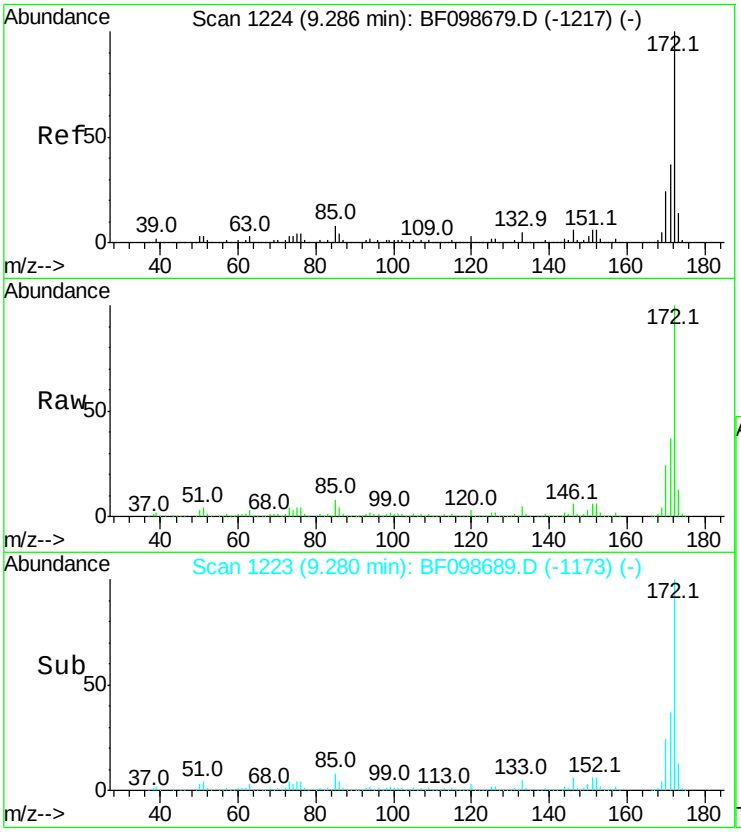


#41
2,4,6-Tribromophenol
Concen: 44.434 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:330 Resp: 87690

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	41.1	29.9	44.9



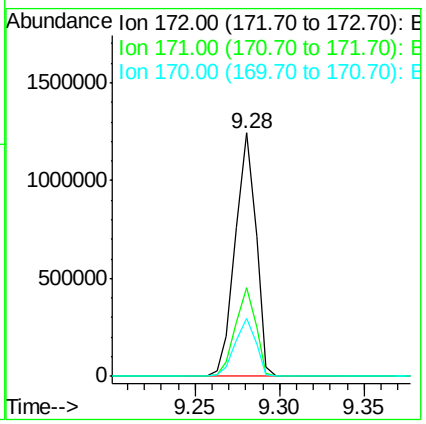


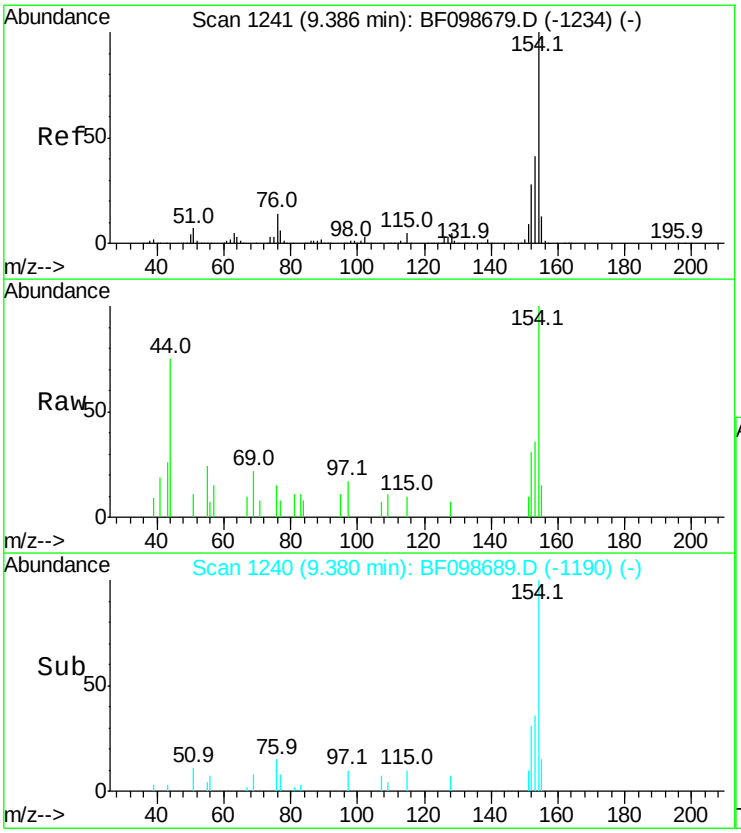
#44
2-Fluorobiphenyl
Concen: 78.139 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:172 Resp: 1059648

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

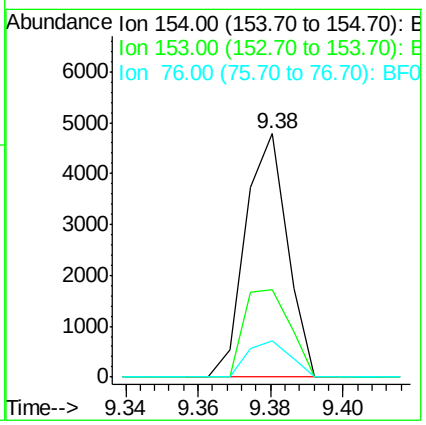


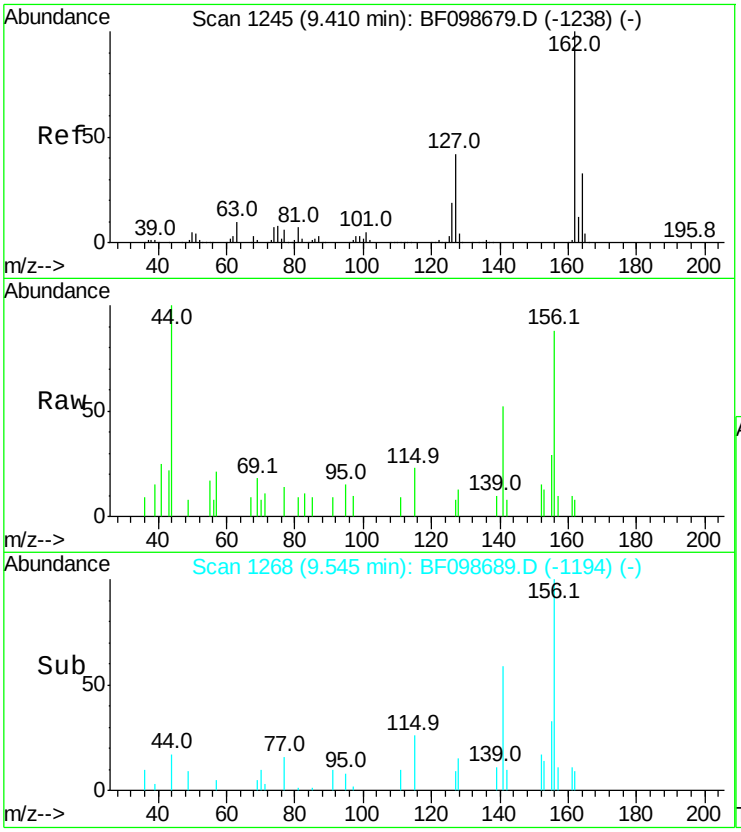


#45
1,1'-Biphenyl
Concen: 0.205 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:154 Resp: 3809

Ion	Ratio	Lower	Upper
154	100		
153	35.9	21.3	61.3
76	14.8	0.0	34.0



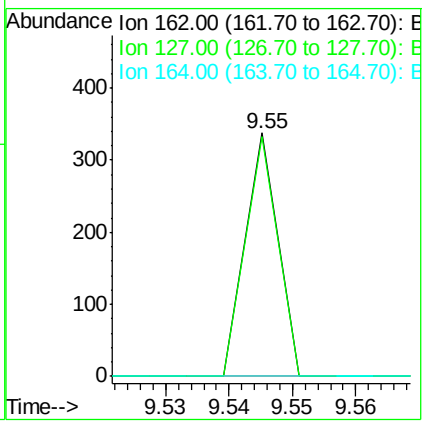


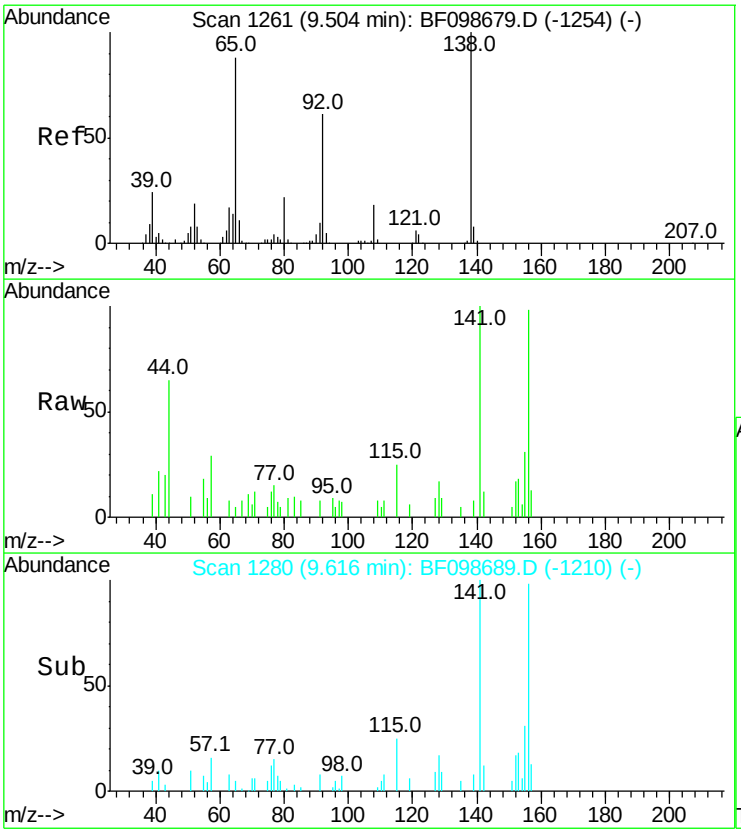
#46
2-Chloronaphthalene
Concen: 0.009 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.14 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:162 Resp: 119

Ion	Ratio	Lower	Upper
162	100		
127	98.2	33.9	50.9#
164	0.0	26.5	39.7#

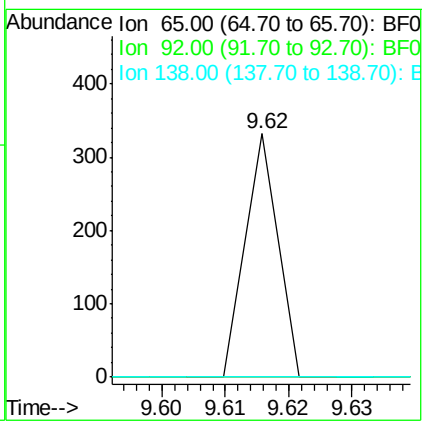


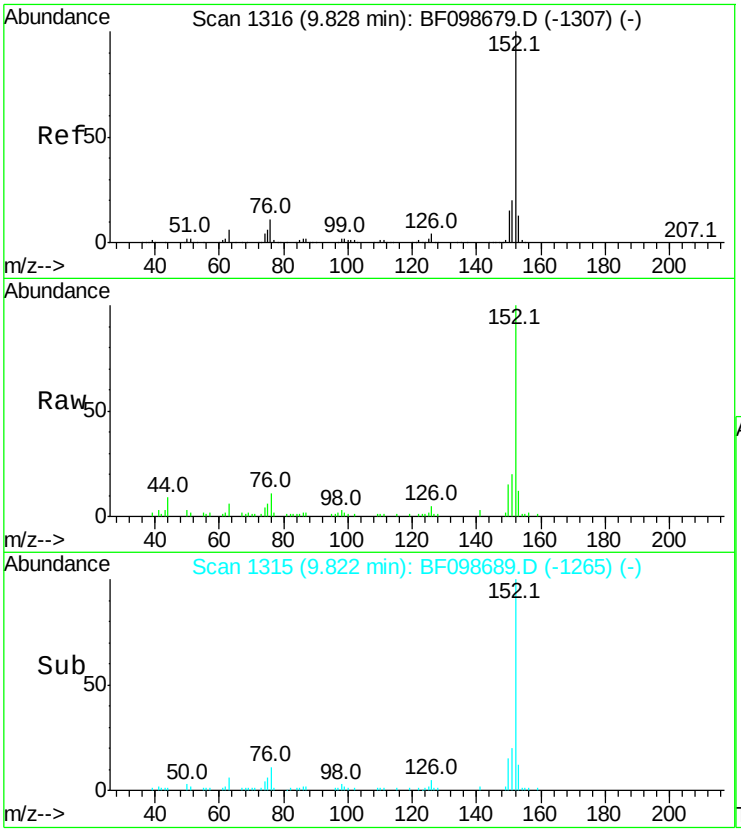


#47
2-Nitroaniline
Concen: 0.030 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.11 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 65 Resp: 117

Ion	Ratio	Lower	Upper
65	100		
92	0.0	55.8	83.6#
138	0.0	91.2	136.8#



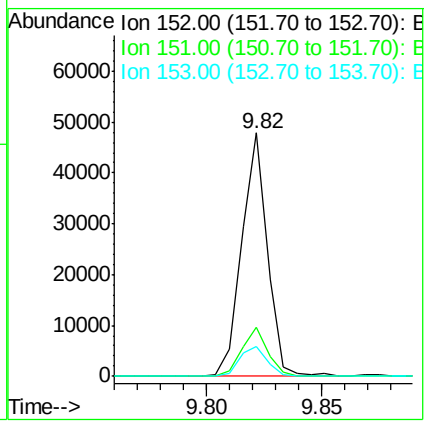


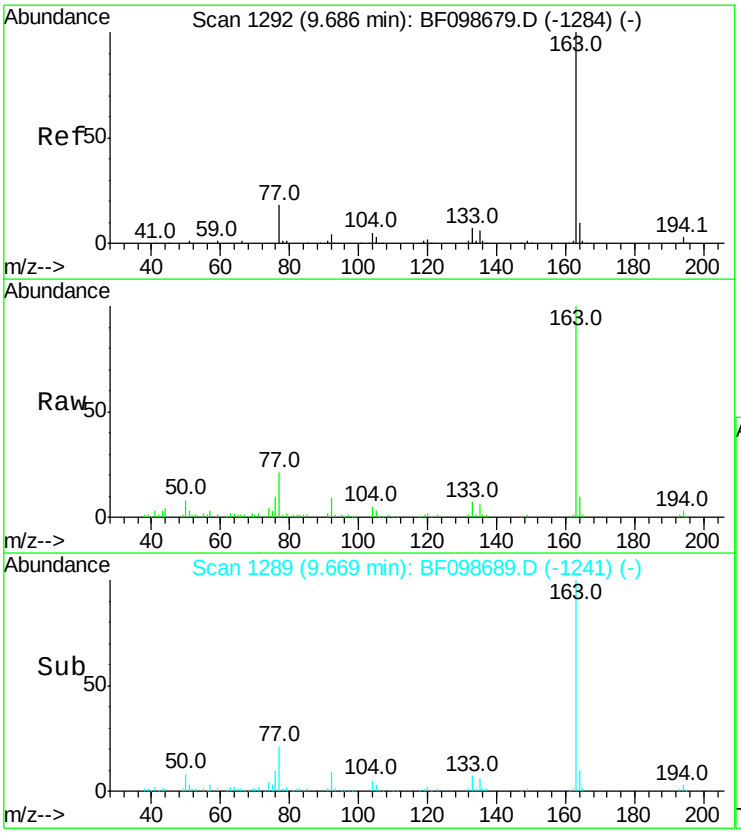
#48
Acenaphthylene
Concen: 1.740 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument : BNA_F
ClientSampleId : OK-03-091917

Tgt Ion:152 Resp: 37199

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	12.4	10.7	16.1

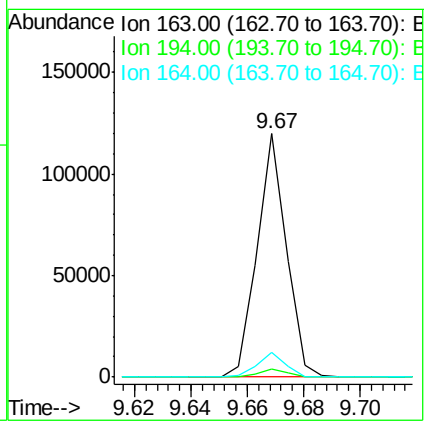


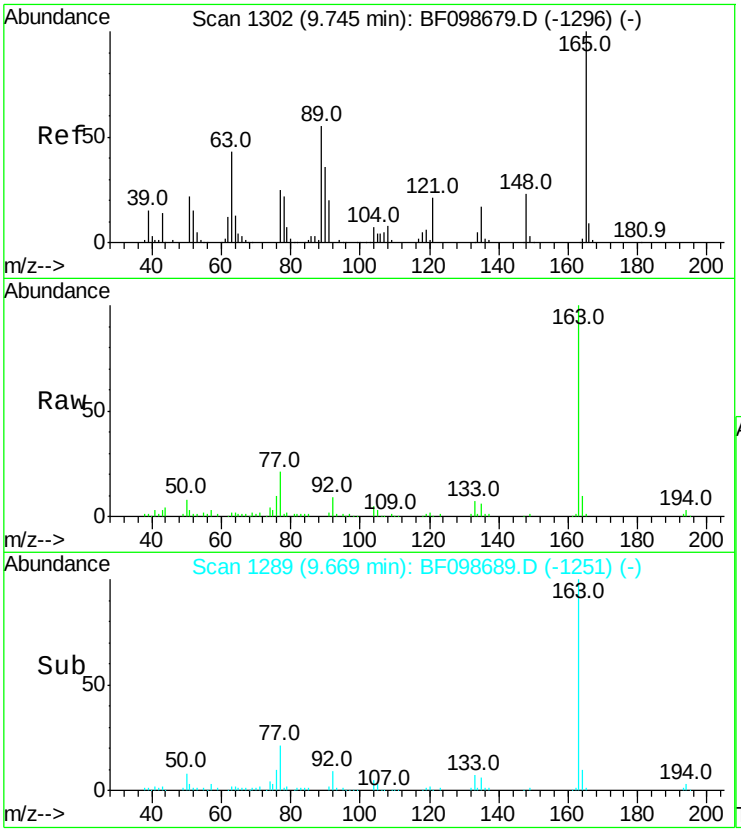


#49
Dimethylphthalate
Concen: 5.317 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:163 Resp: 86039

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



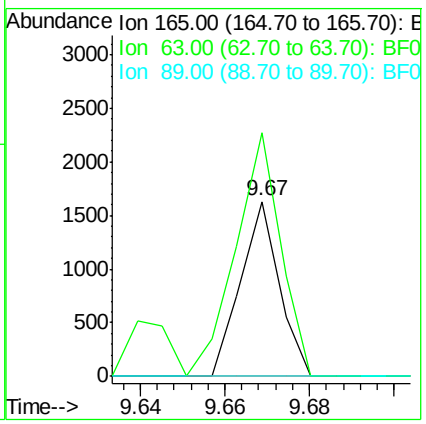


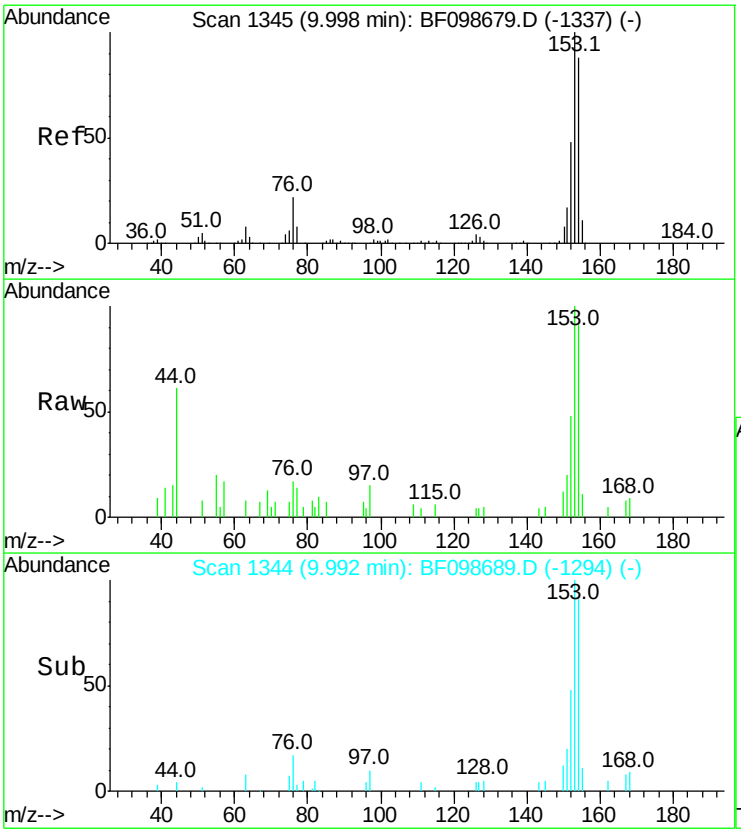
#50
2,6-Dinitrotoluene
Concen: 0.324 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.08 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:165 Resp: 1034

Ion	Ratio	Lower	Upper
165	100		
63	139.3	44.7	67.1#
89	0.0	44.0	66.0#

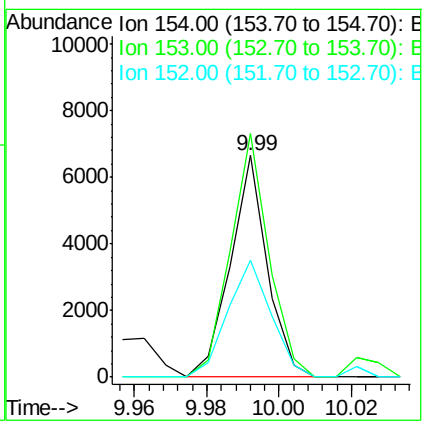


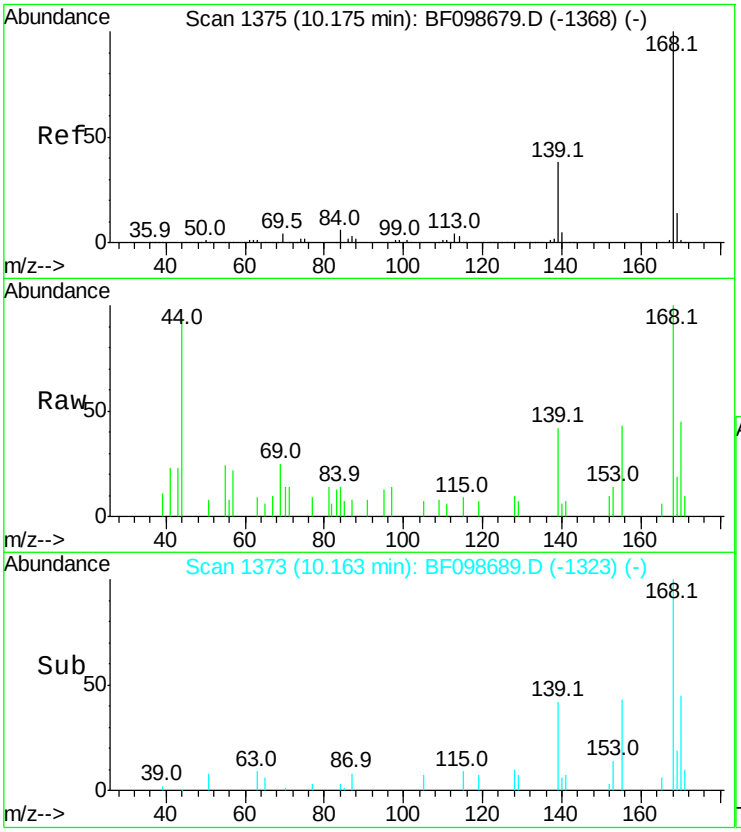


#51
Acenaphthene
Concen: 0.355 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:154 Resp: 4711

Ion	Ratio	Lower	Upper
154	100		
153	109.8	91.2	136.8
152	52.9	43.8	65.8



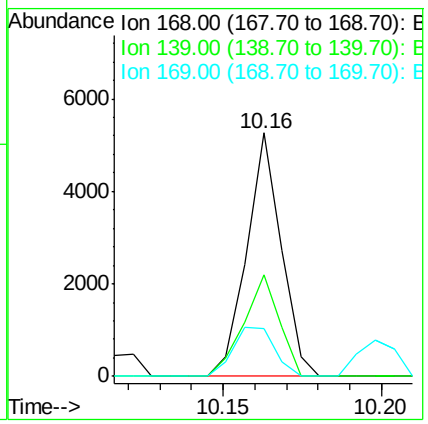


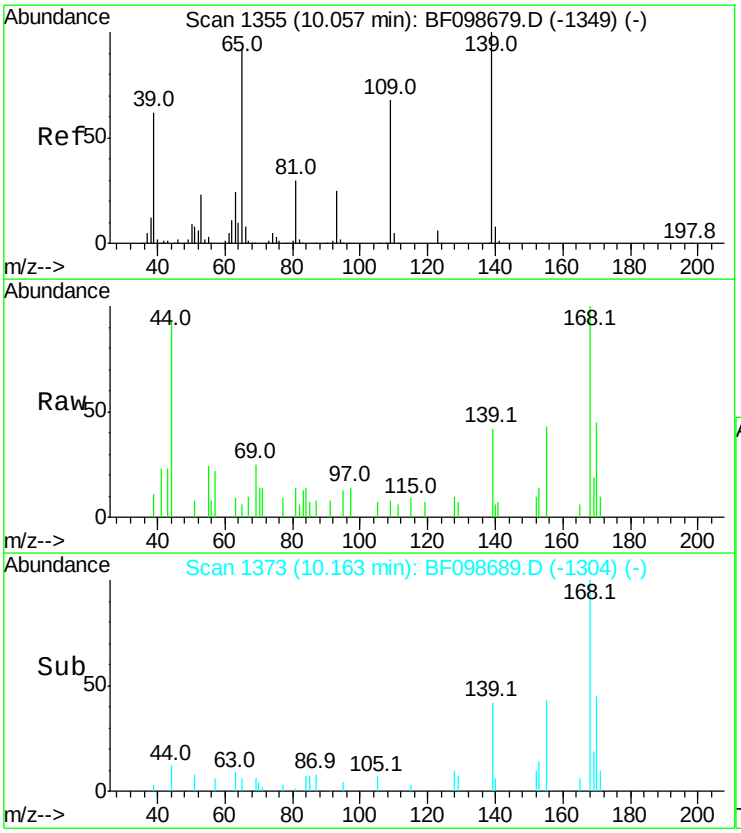
#54
Dibenzofuran
Concen: 0.219 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:168 Resp: 3964

Ion	Ratio	Lower	Upper
168	100		
139	41.8	30.1	45.1
169	19.4	10.9	16.3#

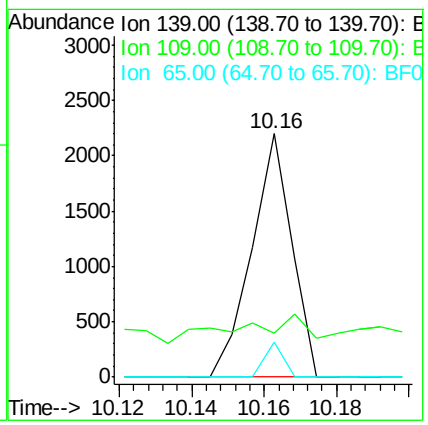


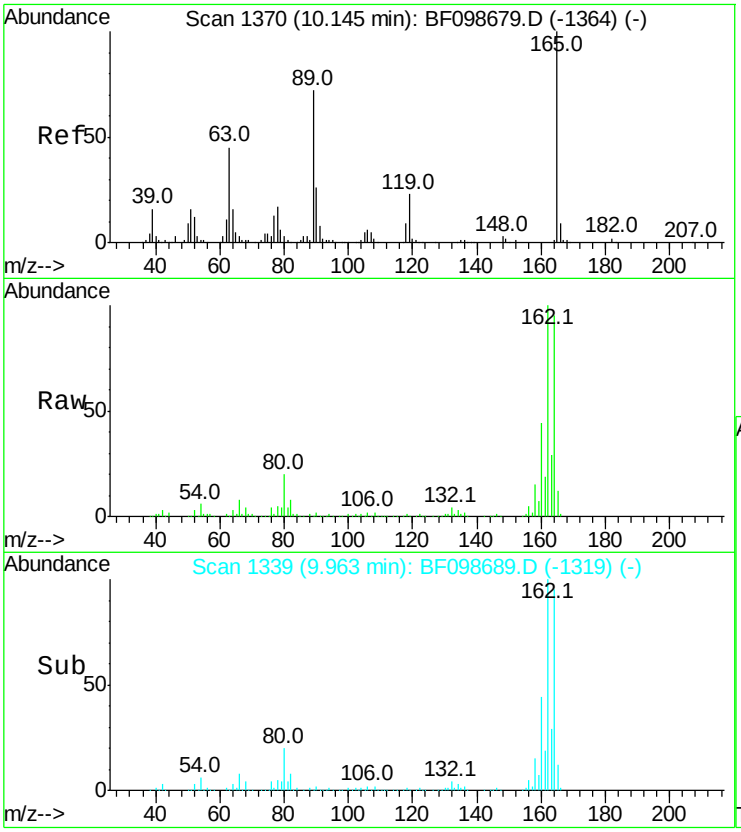


#55
4-Nitrophenol
Concen: 0.515 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.11 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:139 Resp: 1705

Ion	Ratio	Lower	Upper
139	100		
109	18.0	48.4	88.4#
65	14.5	72.6	112.6#



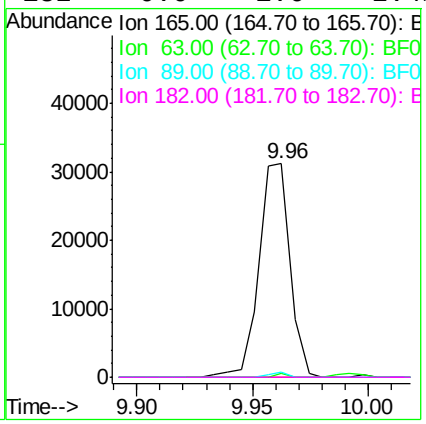


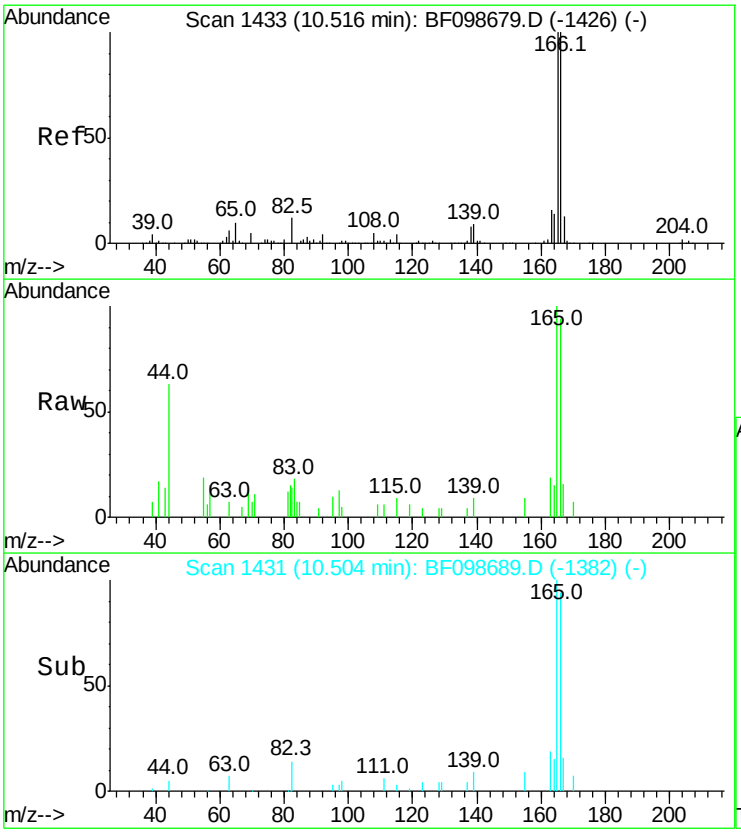
#56
2,4-Dinitrotoluene
Concen: 6.808 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.18 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:165 Resp: 29206

Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	2.3	57.8	86.6#
182	0.0	1.6	2.4#

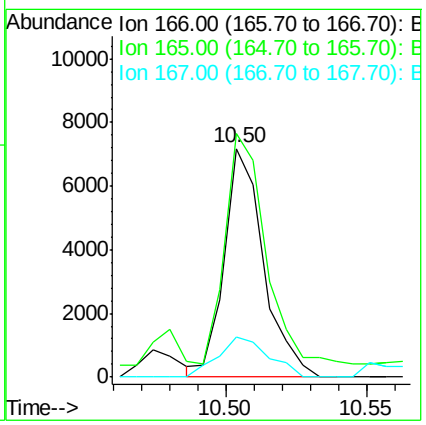


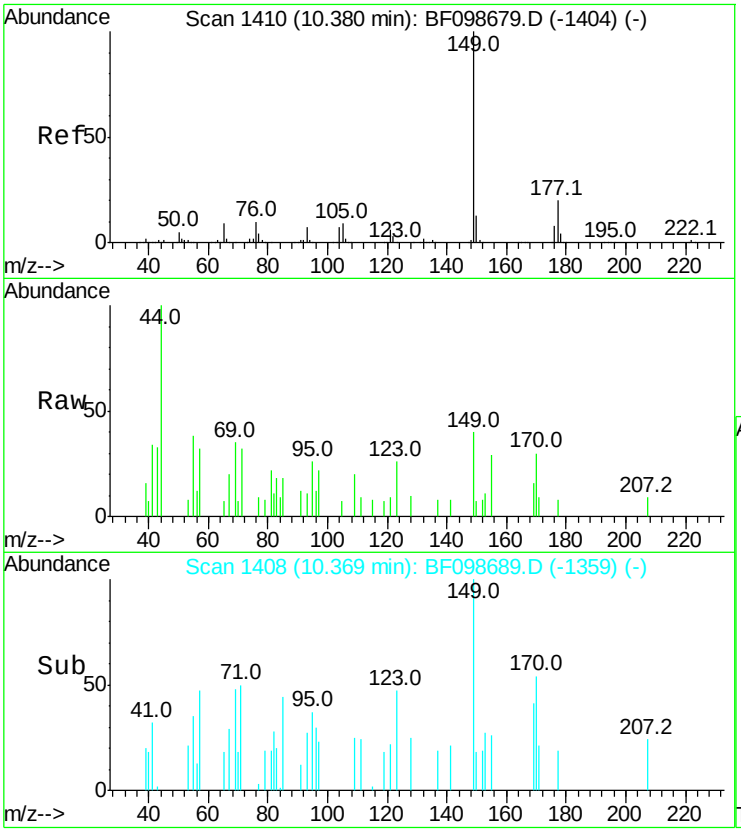


#57
Fluorene
Concen: 0.477 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:166 Resp: 6954

Ion	Ratio	Lower	Upper
166	100		
165	106.5	79.8	119.8
167	17.4	10.6	16.0#



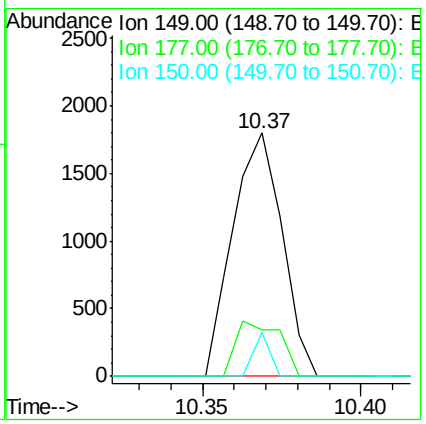


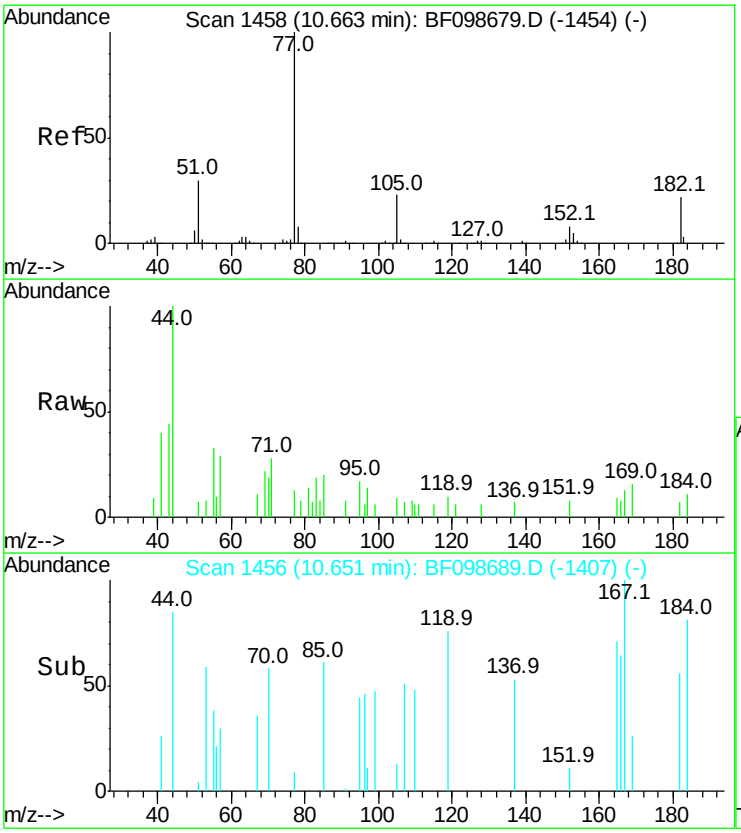
#59
Diethylphthalate
Concen: 0.122 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:149 Resp: 1942

Ion	Ratio	Lower	Upper
149	100		
177	19.1	16.1	24.1
150	17.8	10.1	15.1#

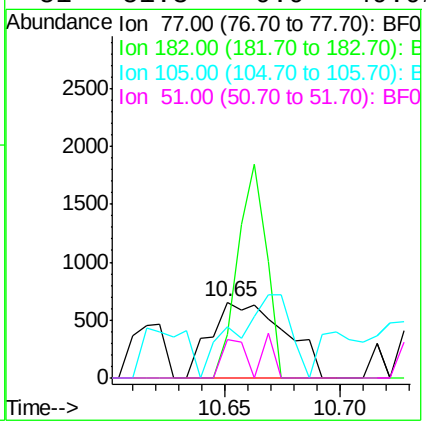


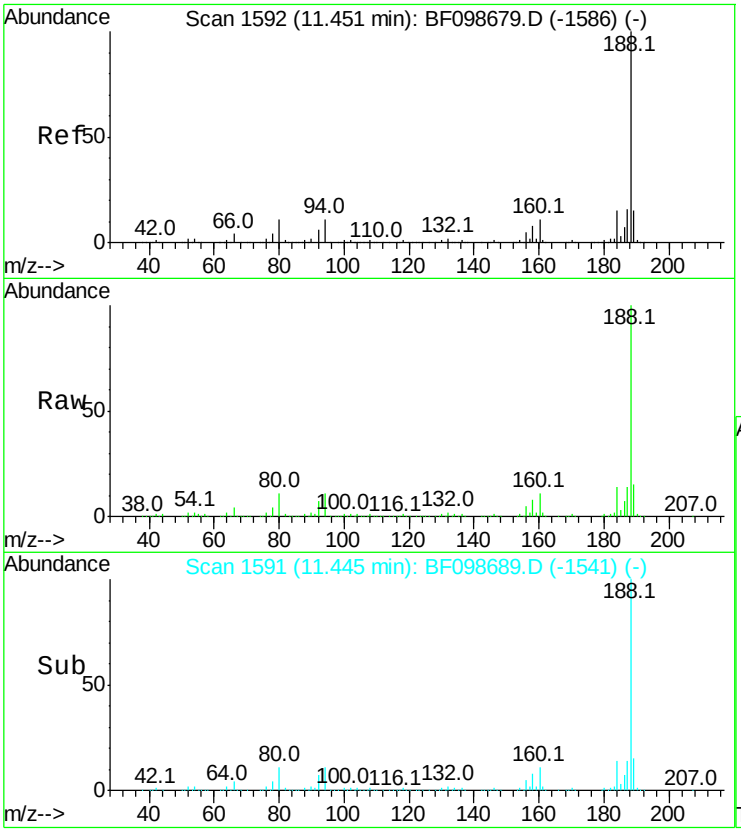


#62
Azobenzene
Concen: 0.099 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion: 77 Resp: 1464

Ion	Ratio	Lower	Upper
77	100		
182	57.1	1.7	41.7#
105	66.7	3.0	43.0#
51	51.3	9.9	49.9#



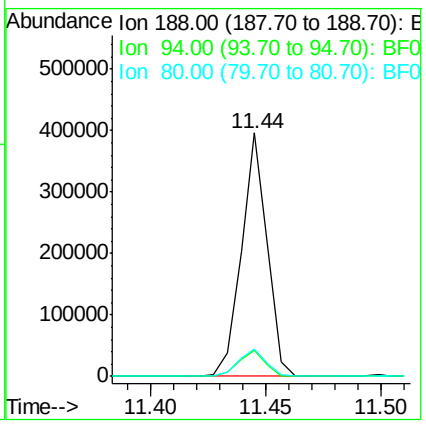


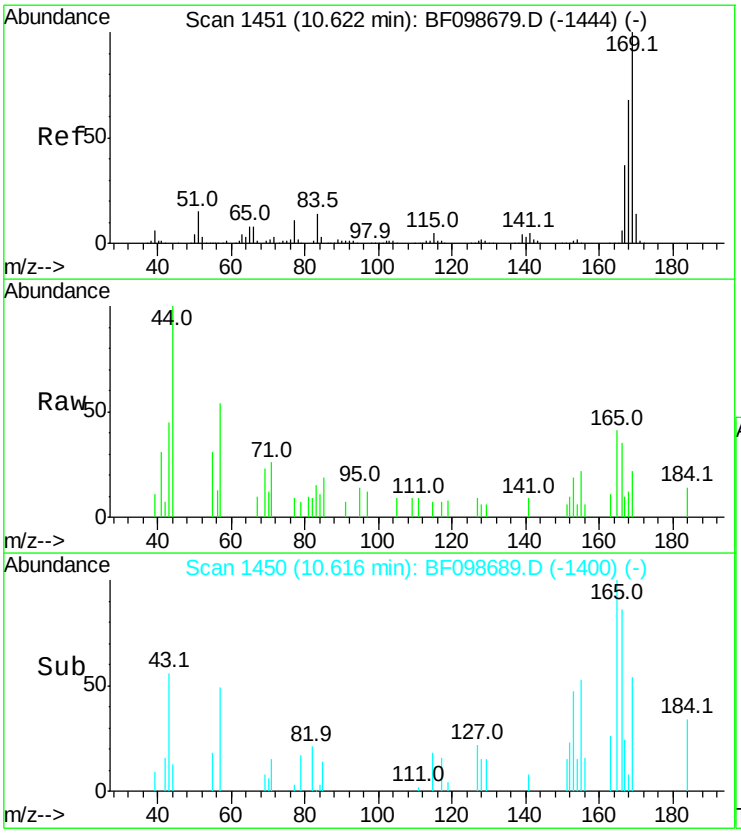
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:188 Resp: 305537

Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	11.3	9.2	13.8

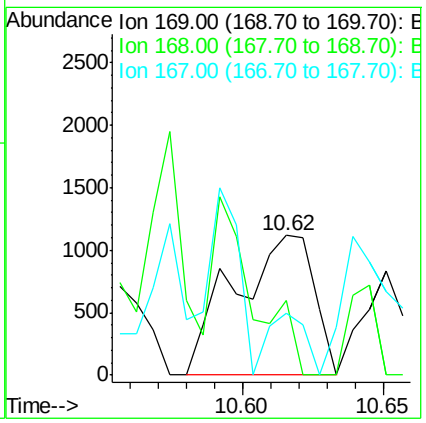


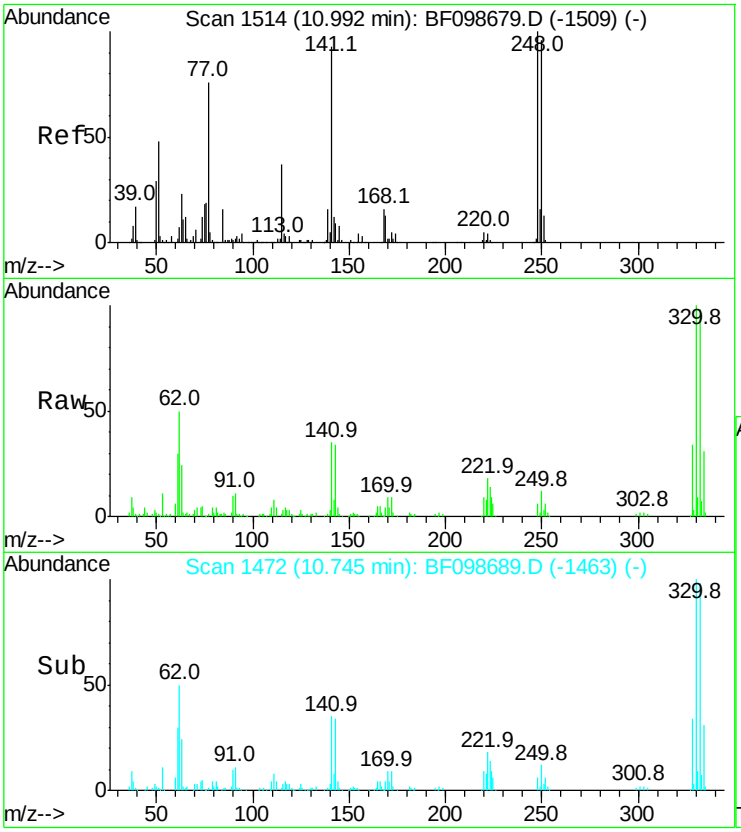


#65
n-Nitrosodiphenylamine
Concen: 0.209 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:169 Resp: 2196

Ion	Ratio	Lower	Upper
169	100		
168	53.7	54.4	81.6#
167	44.3	29.8	44.6



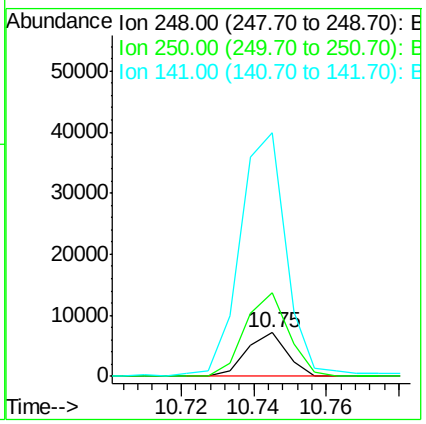


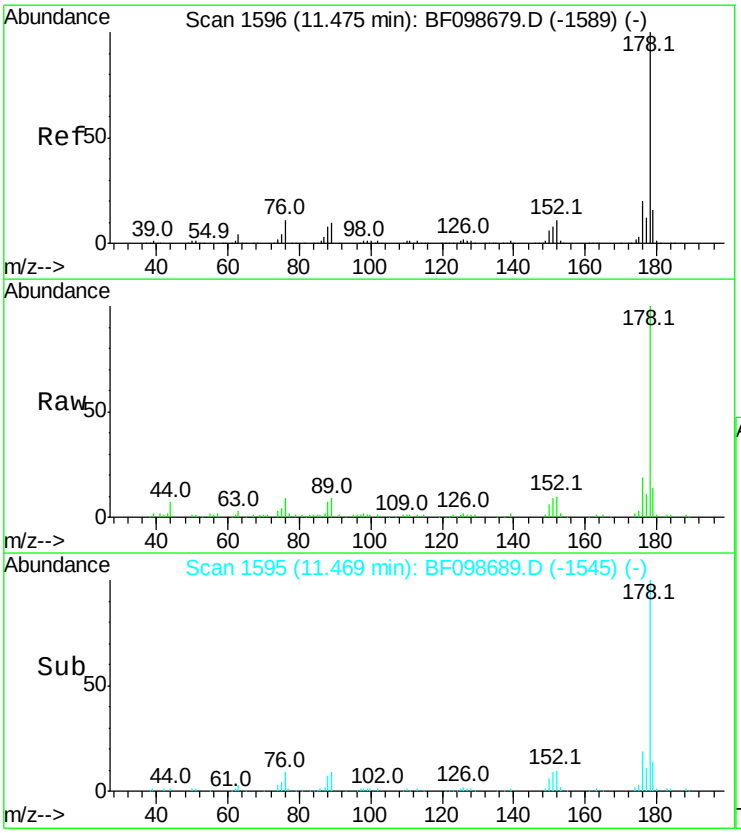
#66
4-Bromophenyl-phenylether
Concen: 1.774 ng
RT: 10.75 min Scan# 1472
Delta R.T. -0.25 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:248 Resp: 5474

Ion	Ratio	Lower	Upper
248	100		
250	192.3	76.9	115.3#
141	558.3	74.4	111.6#

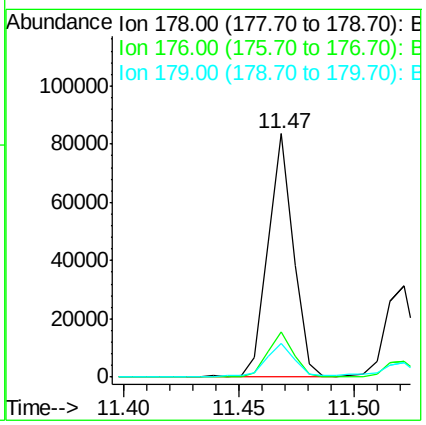


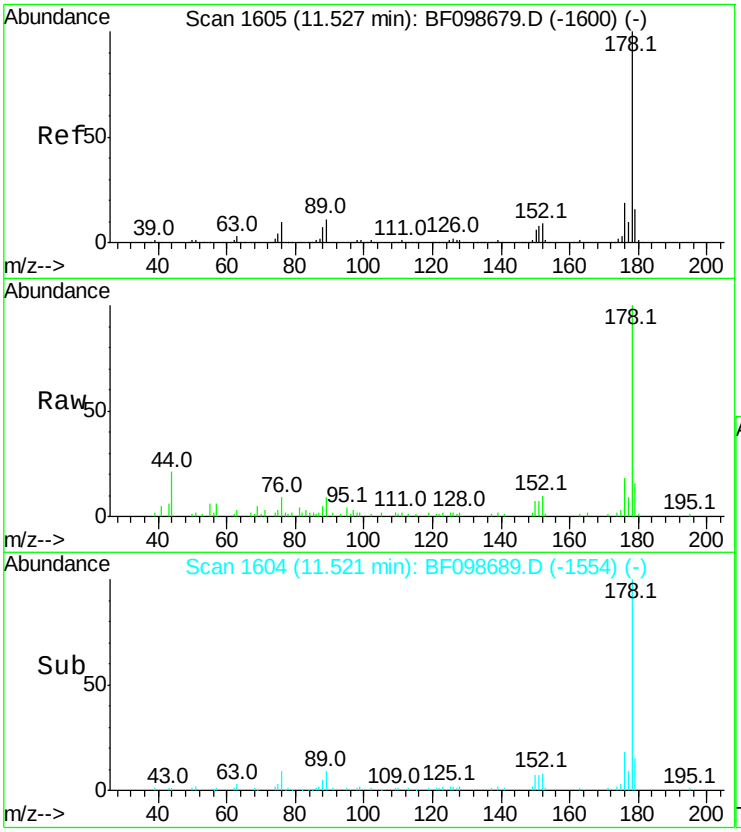


#70
Phenanthrene
Concen: 3.876 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:178 Resp: 64236

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	13.9	13.0	19.6



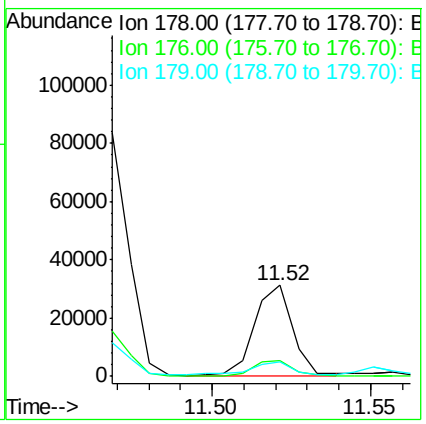


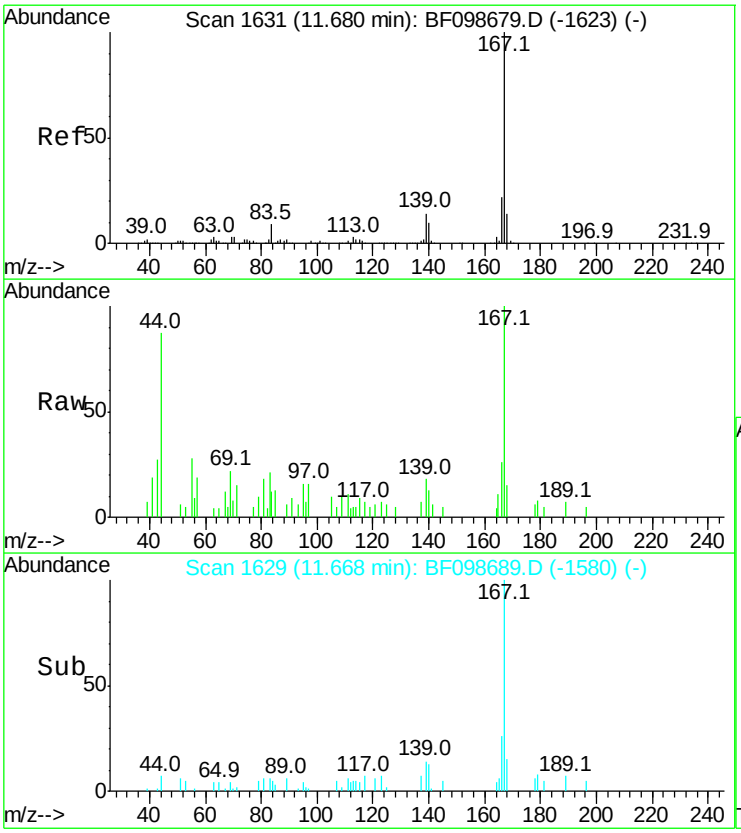
#71
Anthracene
Concen: 1.535 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:178 Resp: 25944

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.4	23.2
179	16.0	12.6	19.0

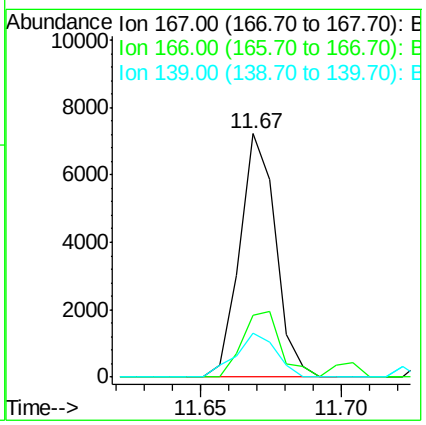


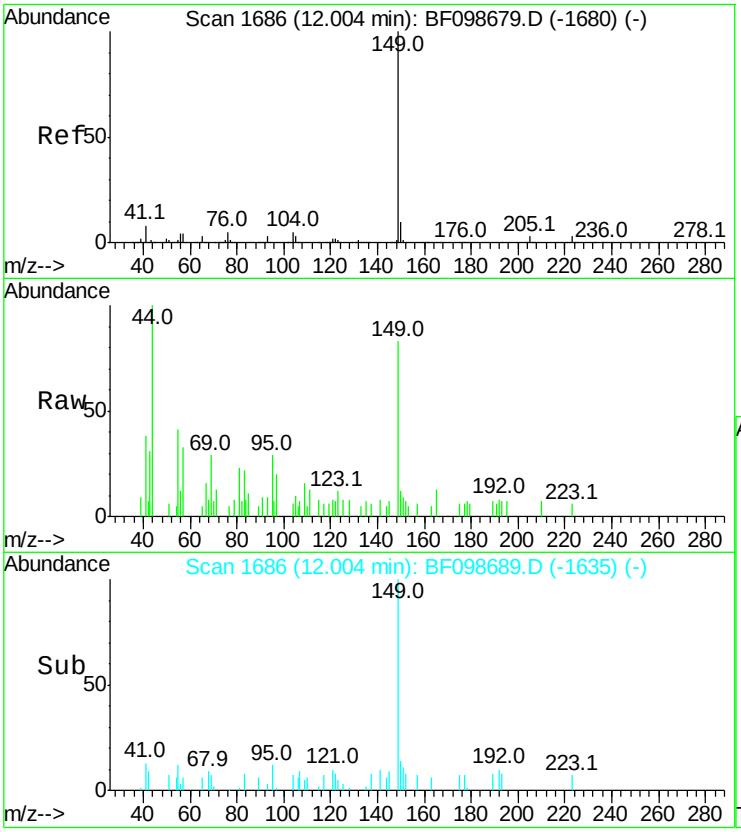


#72
Carbazole
Concen: 0.384 ng
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:167 Resp: 6346

Ion	Ratio	Lower	Upper
167	100		
166	25.6	17.6	26.4
139	18.1	10.9	16.3#



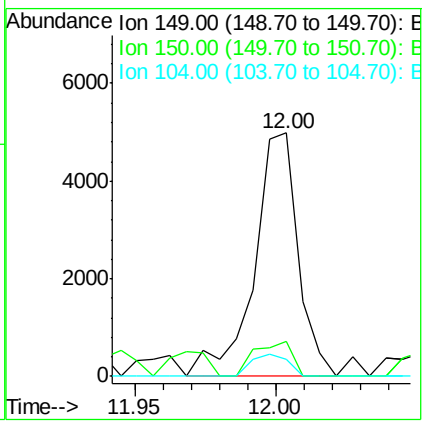


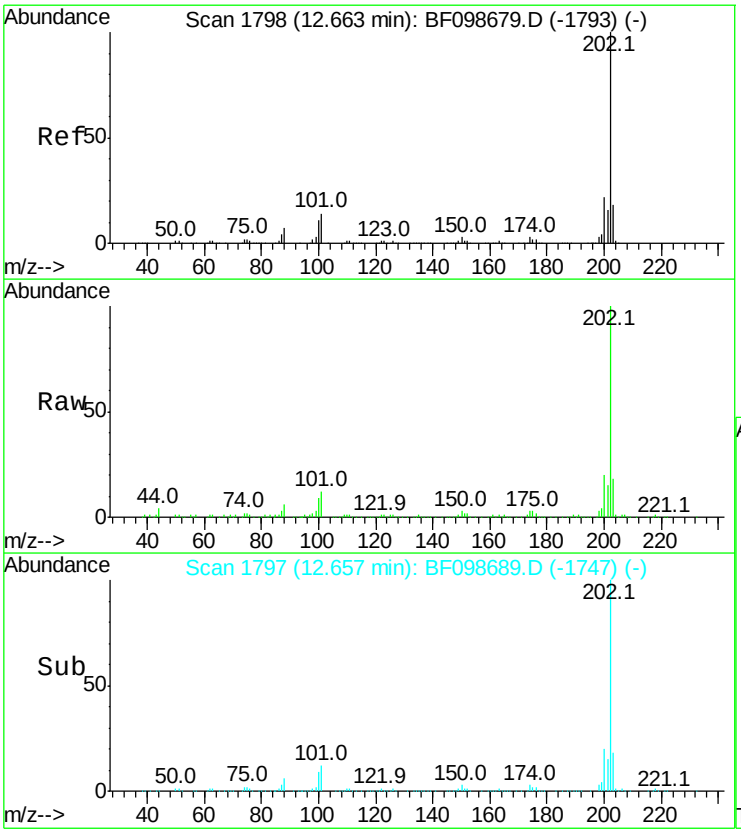
#73
Di-n-butylphthalate
Concen: 0.281 ng
RT: 12.00 min Scan# 1686
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:149 Resp: 5395

Ion	Ratio	Lower	Upper
149	100		
150	14.4	7.8	11.6#
104	7.1	3.8	5.8#

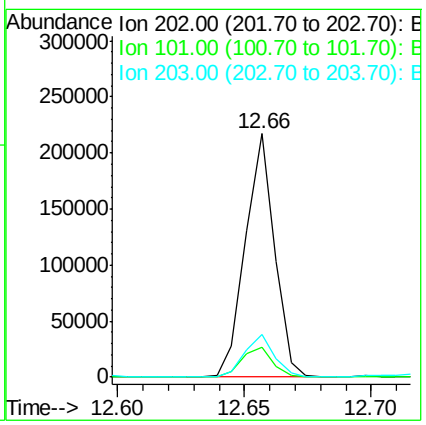


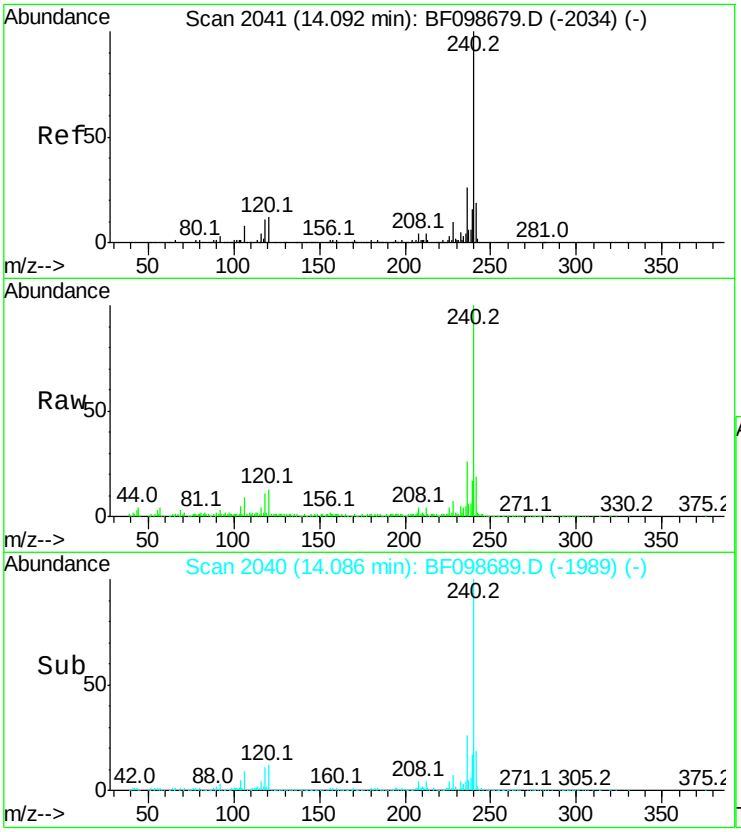


#74
Fluoranthene
Concen: 10.549 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:202 Resp: 174252

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	34.1
203	17.8	0.0	38.1



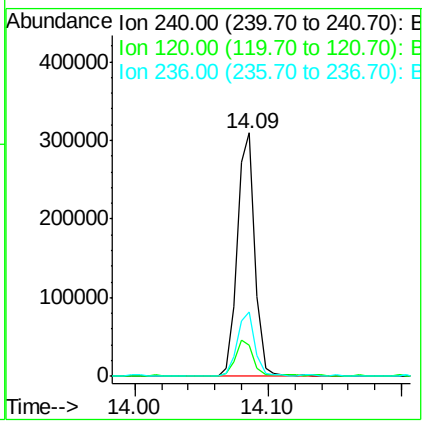


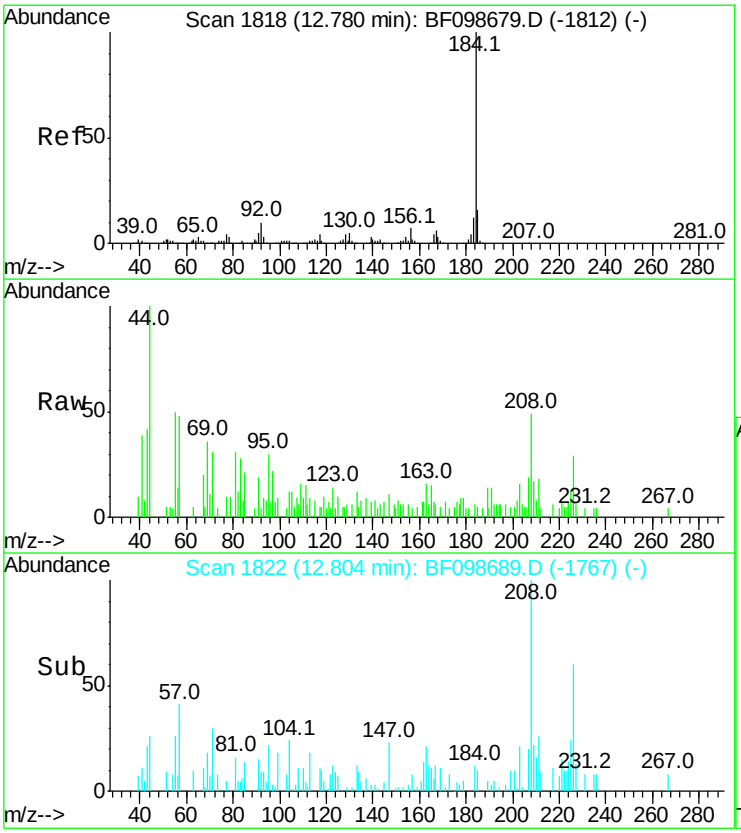
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:240 Resp: 282816

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	26.3	20.7	31.1

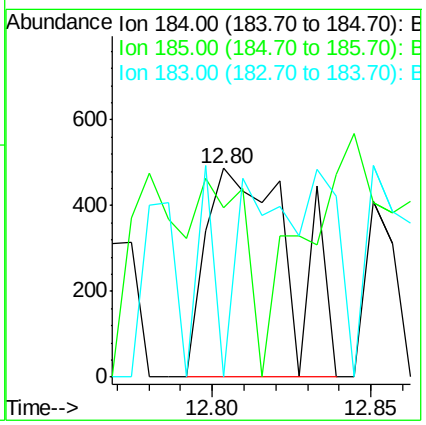


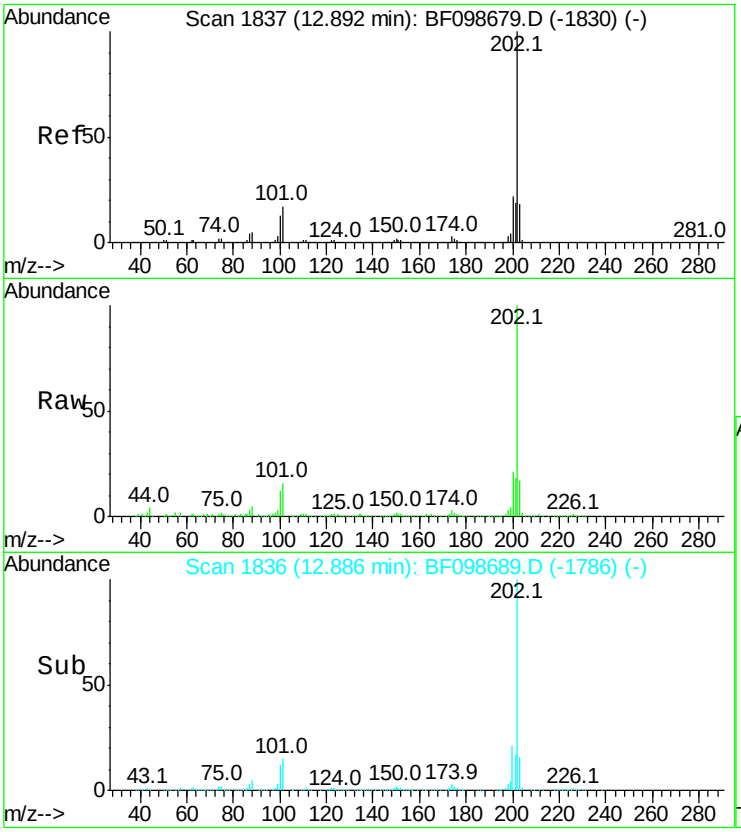


#76
Benzidine
Concen: 0.079 ng
RT: 12.80 min Scan# 1822
Delta R.T. 0.02 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:184 Resp: 909

Ion	Ratio	Lower	Upper
184	100		
185	81.1	12.6	18.8#
183	0.0	9.3	13.9#



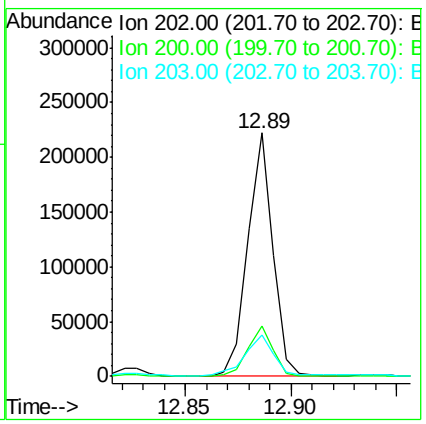


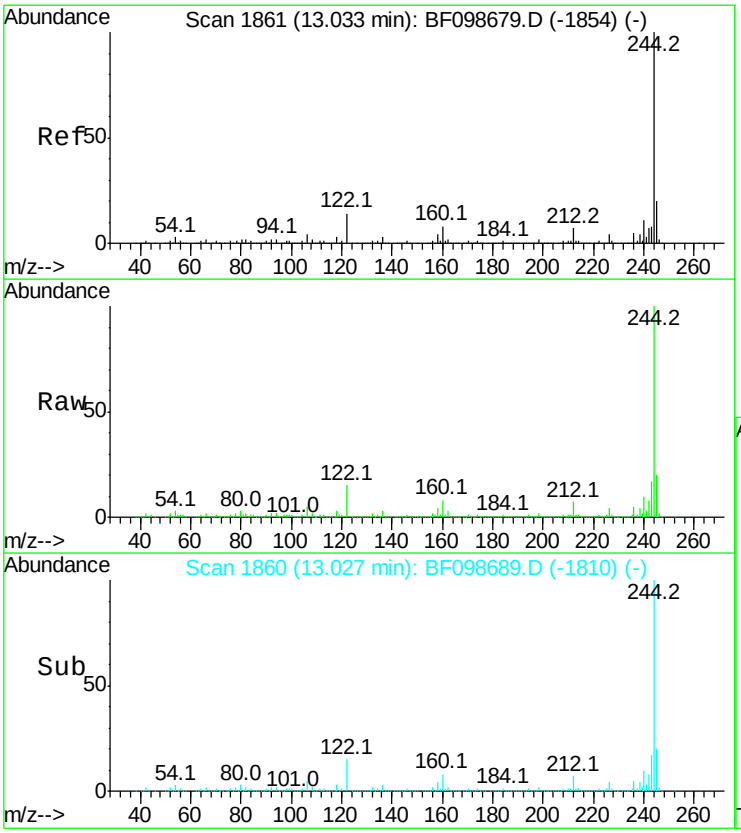
#77
Pyrene
Concen: 8.804 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:202 Resp: 184849

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.1	14.3	21.5

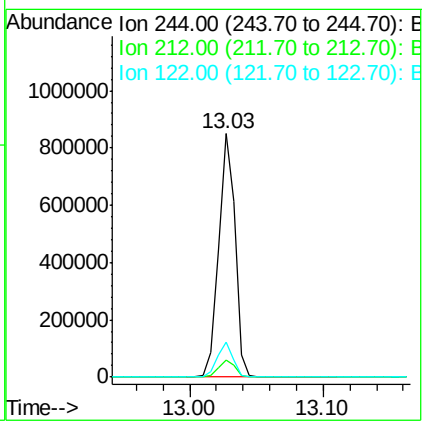


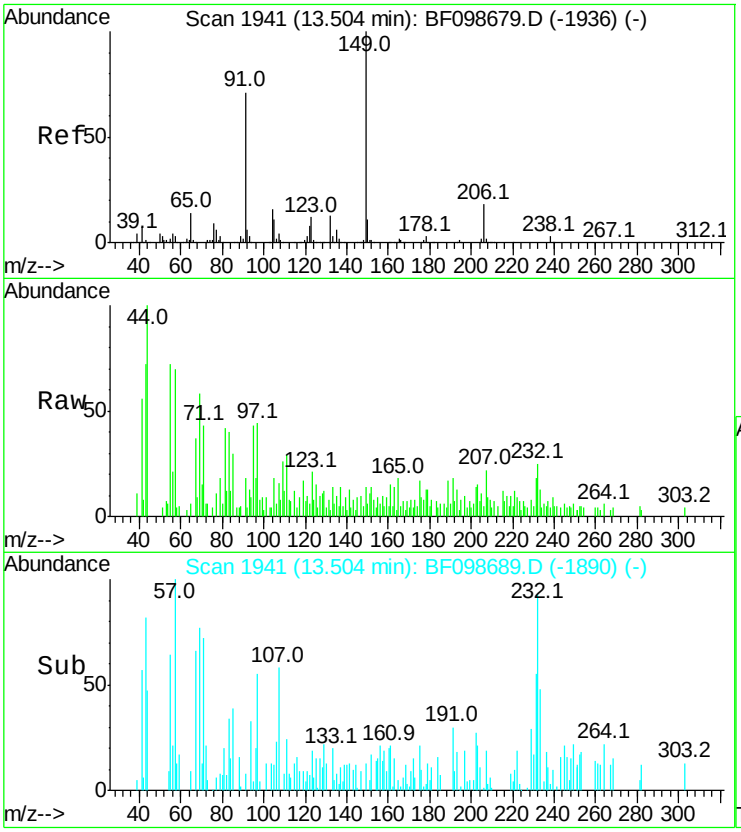


#78
Terphenyl-d14
Concen: 56.110 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:244 Resp: 739033

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.5	11.0	16.4



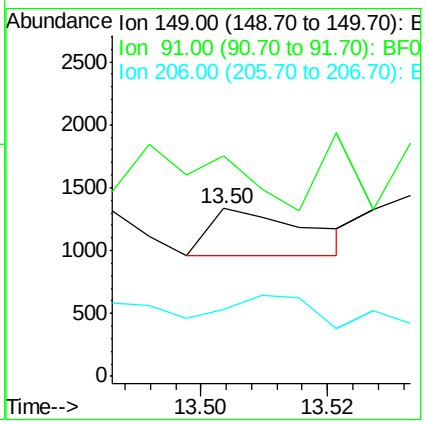


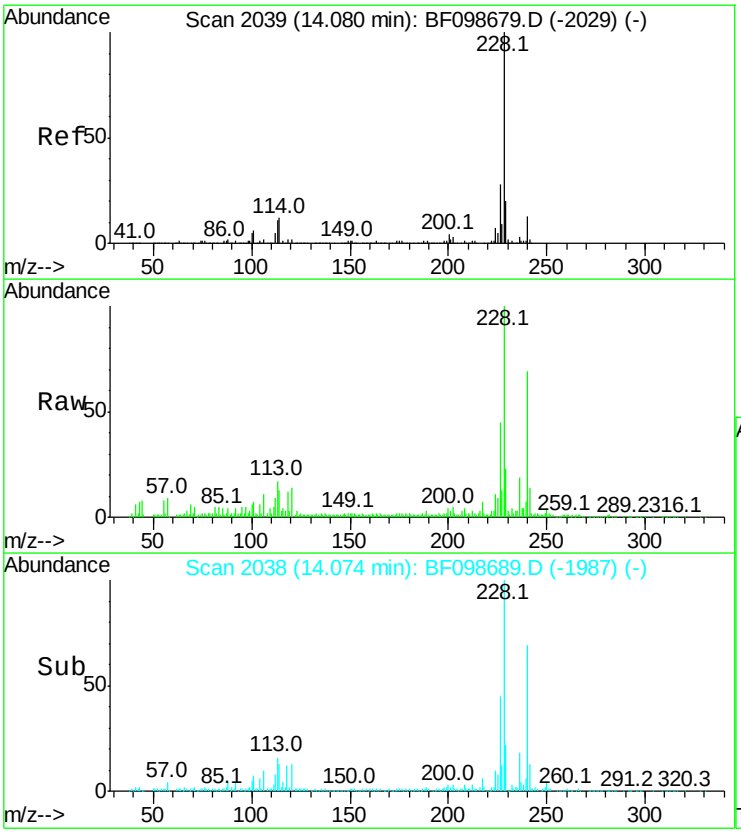
#79
Butylbenzylphthalate
Concen: 0.046 ng
RT: 13.50 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:149 Resp: 396

Ion	Ratio	Lower	Upper
149	100		
91	131.3	56.8	85.2#
206	39.8	14.1	21.1#

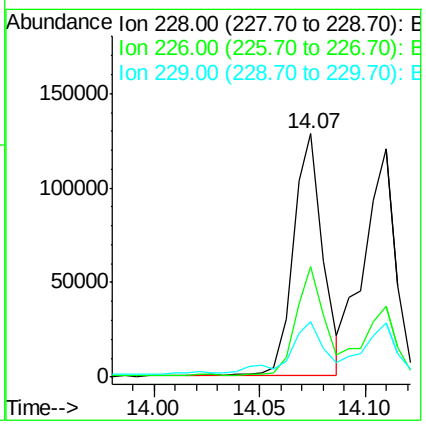


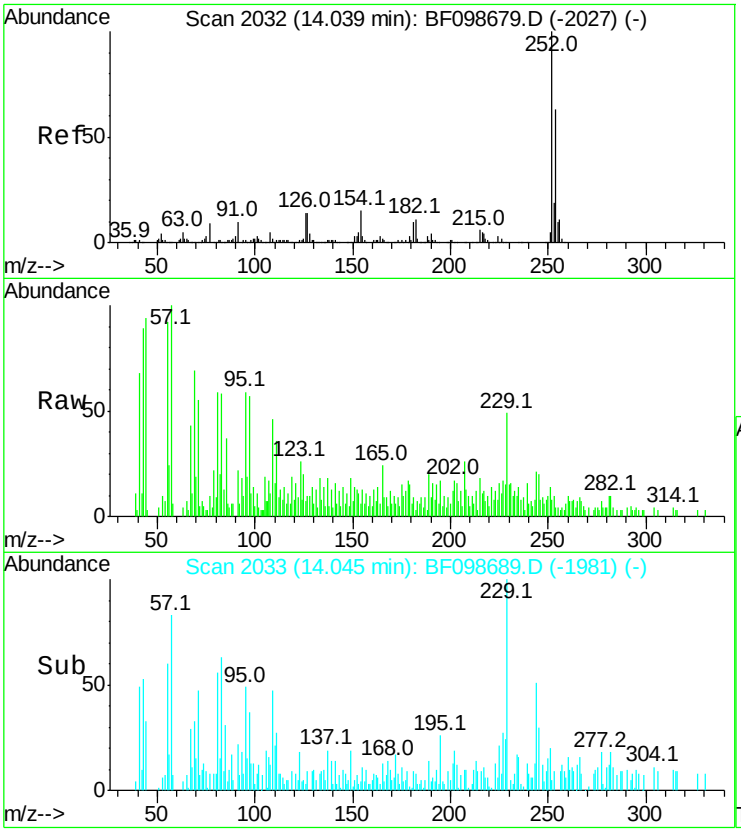


#80
Benzo(a)anthracene
Concen: 7.259 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:228 Resp: 123654

Ion	Ratio	Lower	Upper
228	100		
226	45.2	22.6	33.8#
229	22.6	15.8	23.6



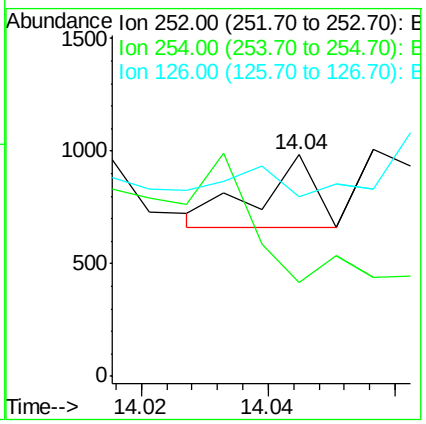


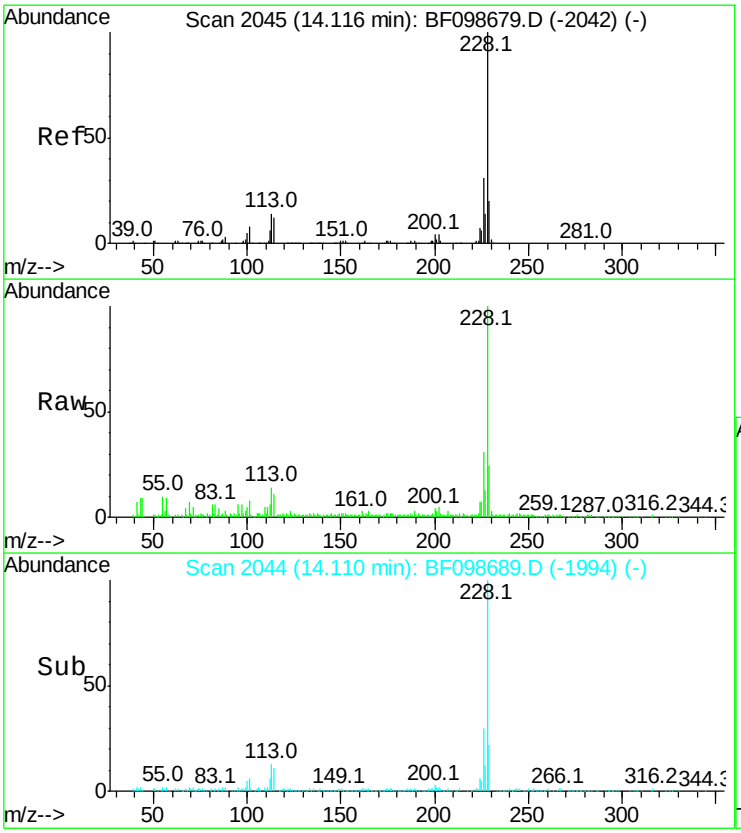
#81
3,3'-Dichlorobenzidine
Concen: 0.032 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:252 Resp: 194

Ion	Ratio	Lower	Upper
252	100		
254	42.5	50.4	75.6#
126	81.3	11.3	16.9#

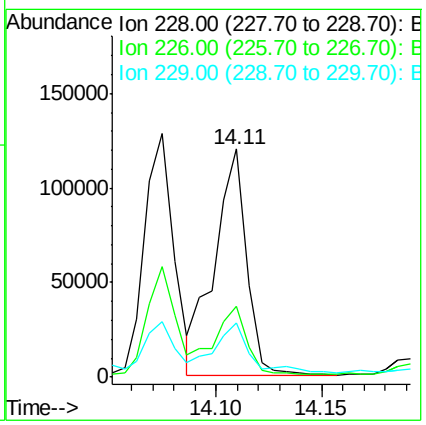


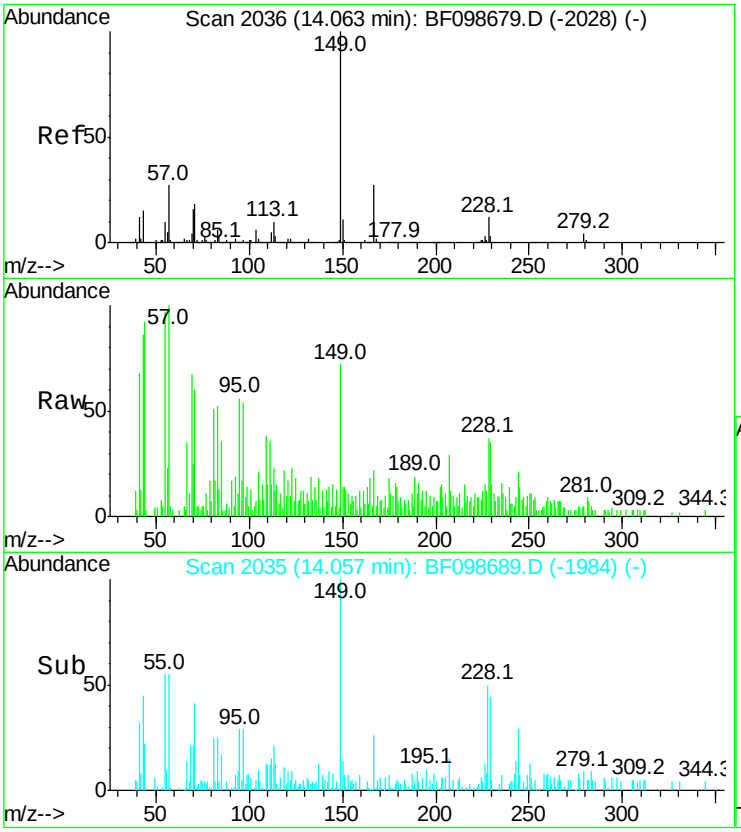


#82
Chrysene
Concen: 7.727 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:228 Resp: 127118

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	24.0	16.2	24.4



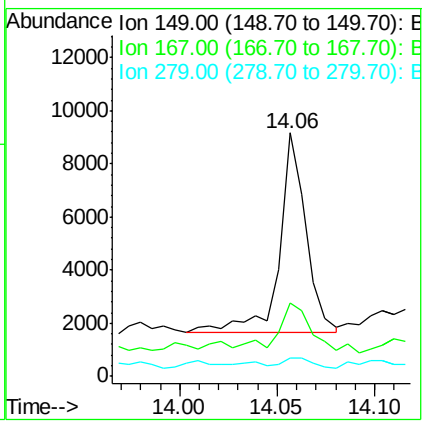


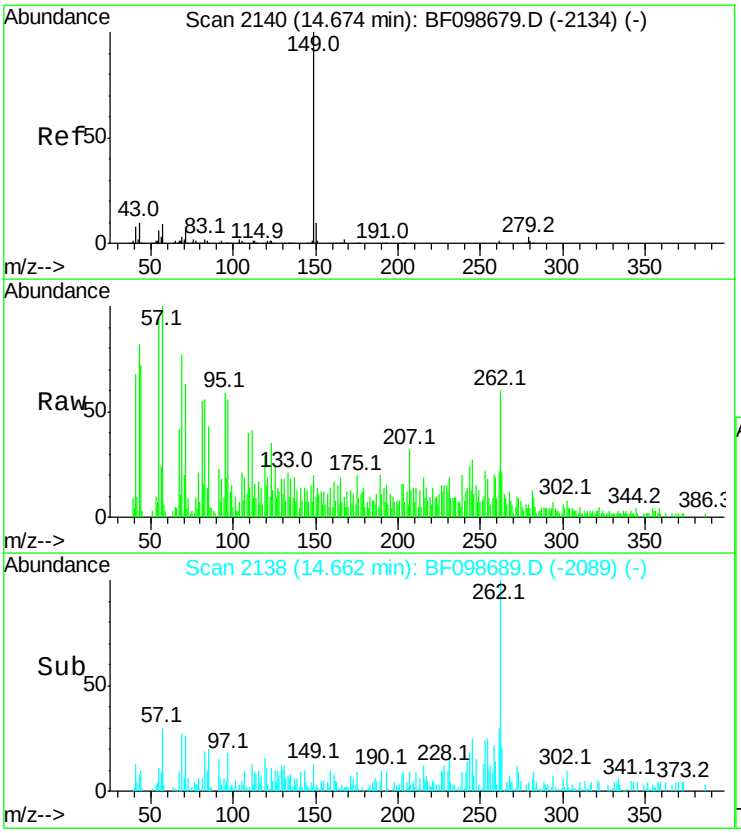
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.595 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:149 Resp: 7148

Ion	Ratio	Lower	Upper
149	100		
167	30.3	21.3	31.9
279	7.3	3.0	4.4#

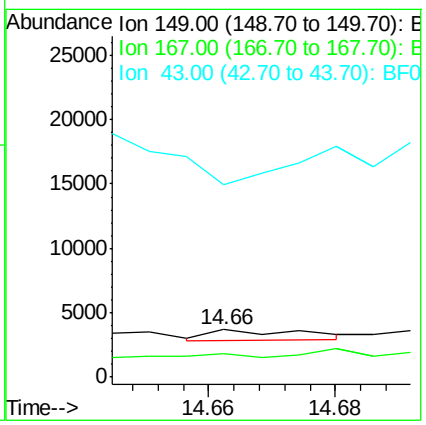


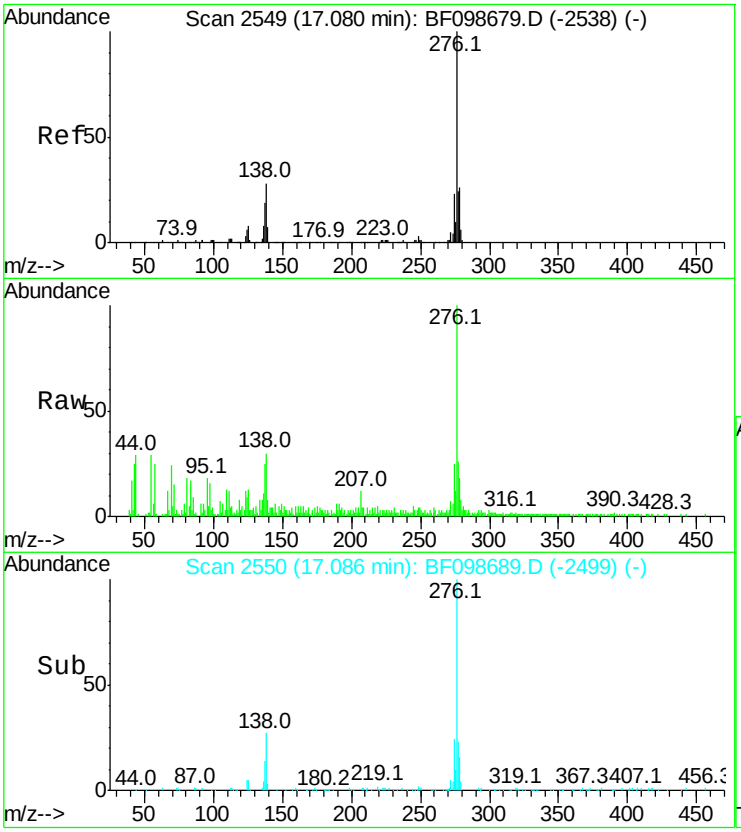


#84
Di-n-octyl phthalate
Concen: 0.047 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:149 Resp: 842

Ion	Ratio	Lower	Upper
149	100		
167	22.8	1.2	1.8#
43	0.0	8.4	12.6#



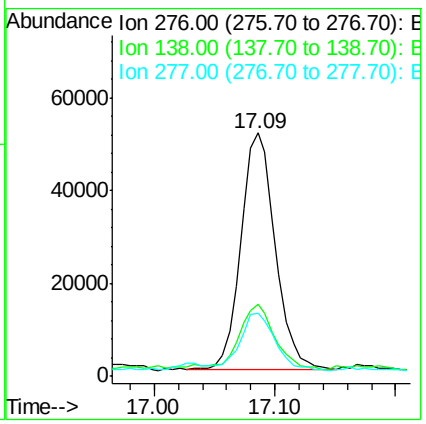


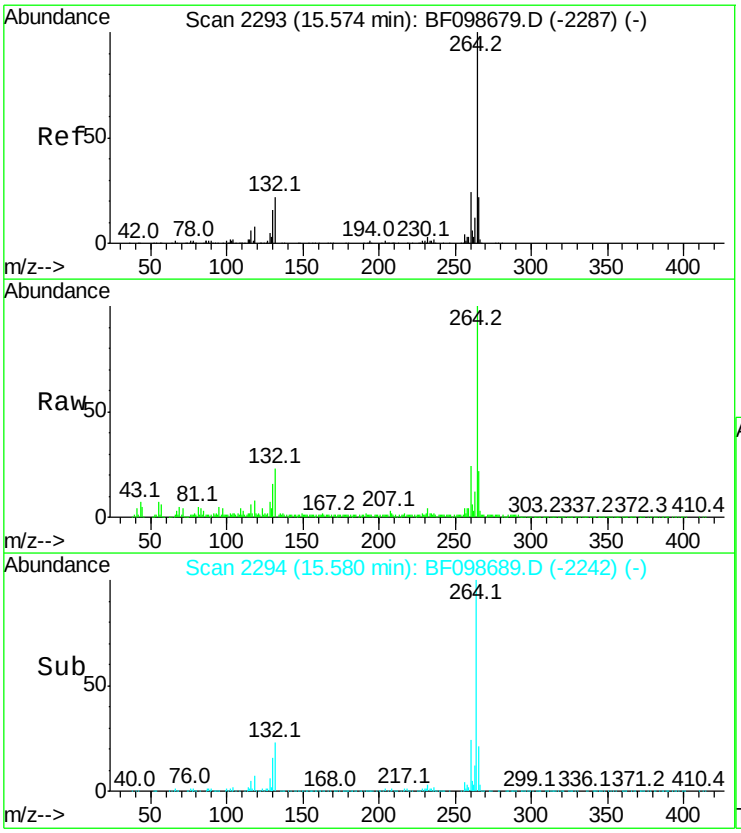
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.940 ng
RT: 17.09 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:276 Resp: 101331

Ion	Ratio	Lower	Upper
276	100		
138	28.5	25.0	37.6
277	24.2	20.1	30.1

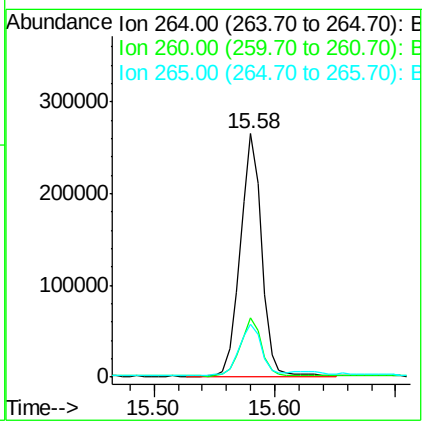


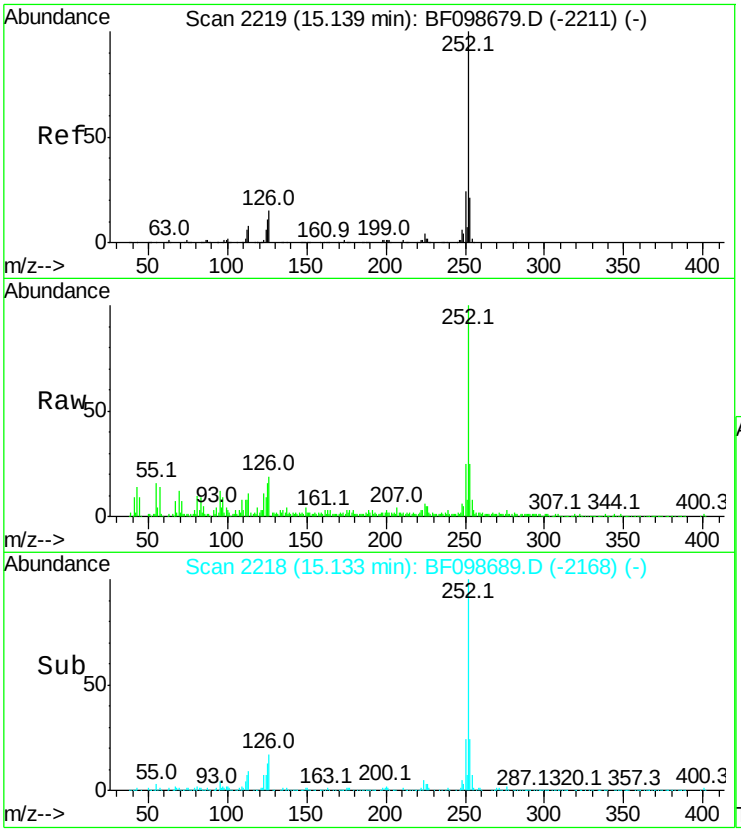


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:264 Resp: 325554

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3



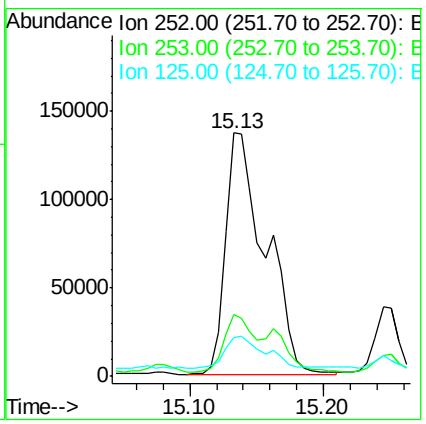


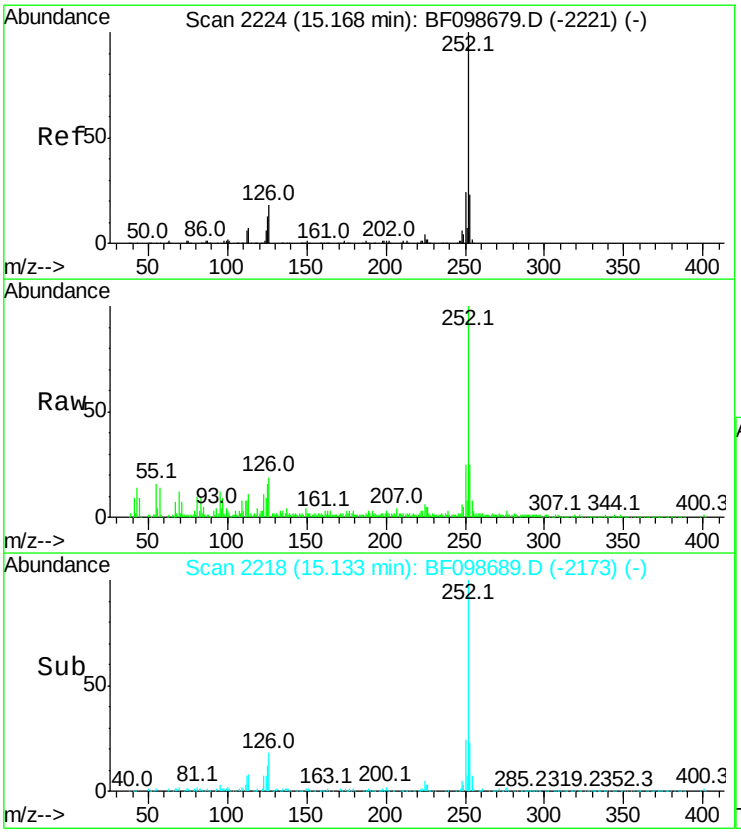
#87
Benzo(b)fluoranthene
Concen: 15.092 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:252 Resp: 284937

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.0	25.6
125	15.7	9.0	13.6#

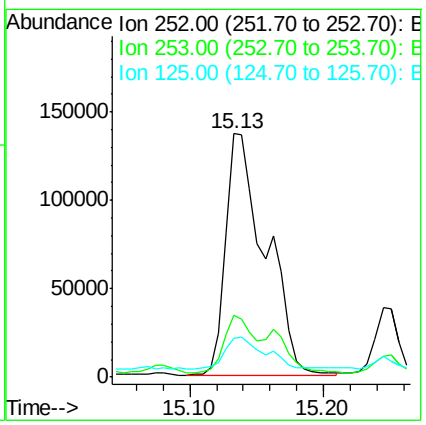


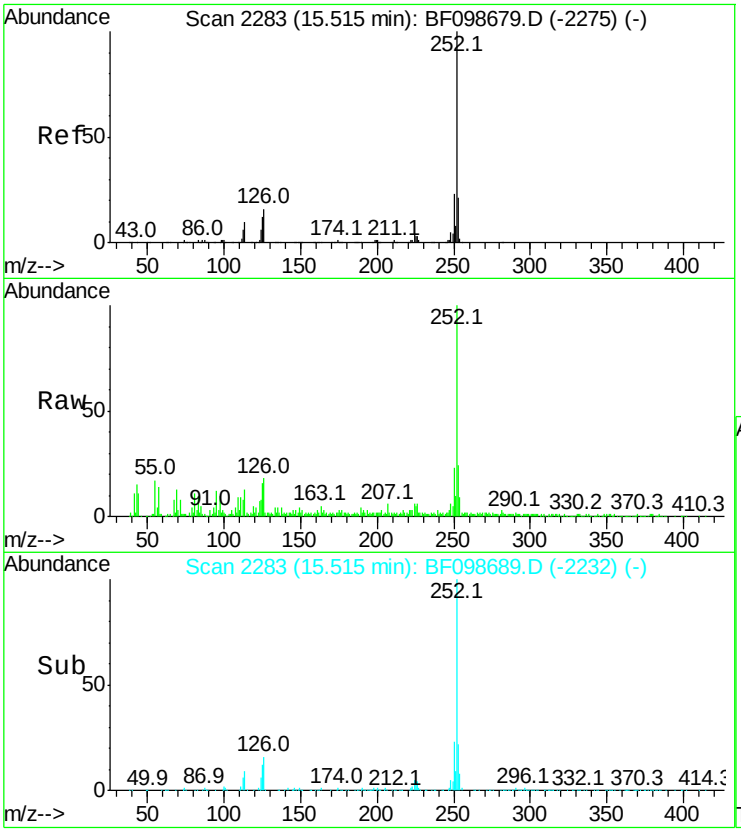


#88
Benzo(k)fluoranthene
Concen: 15.102 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.04 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:252 Resp: 284937

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.9	26.9
125	15.7	10.2	15.2#



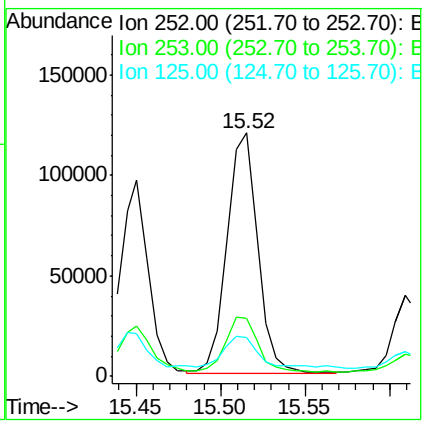


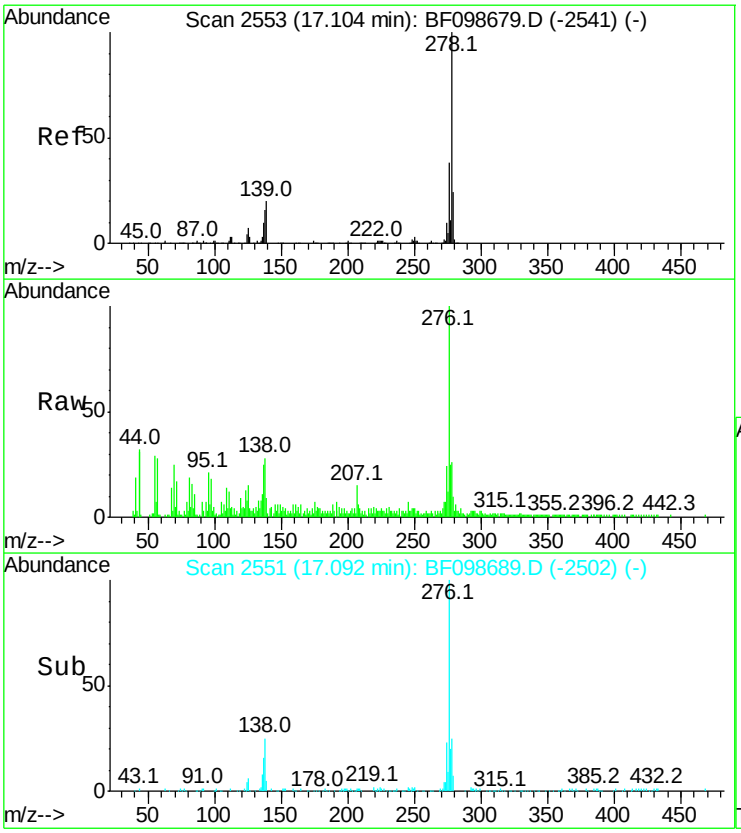
#89
Benzo(a)pyrene
Concen: 8.855 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:252 Resp: 151837

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	16.0	9.8	14.6#

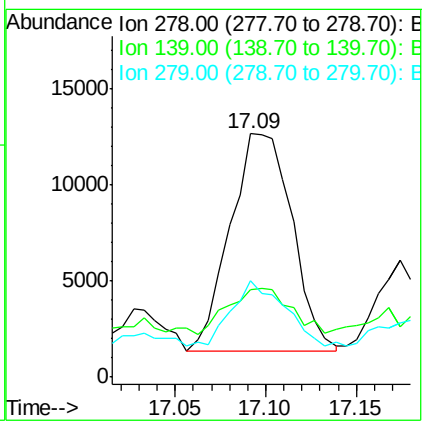


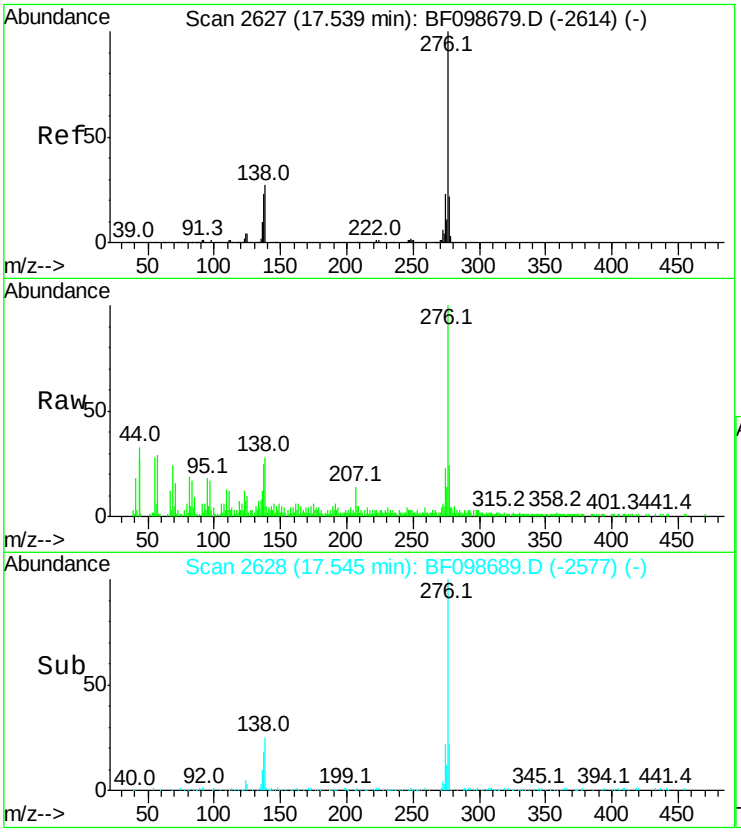


#90
Dibenzo(a,h)anthracene
Concen: 1.839 ng
RT: 17.09 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Tgt Ion:278 Resp: 26671

Ion	Ratio	Lower	Upper
278	100		
139	35.8	15.9	23.9#
279	39.8	19.0	28.4#





#91
Benzo(g,h,i)perylene
Concen: 6.695 ng
RT: 17.54 min Scan# 2628
Delta R.T. -0.00 min
Lab File: BF098689.D
Acq: 22 Sep 2017 10:16

Instrument :
BNA_F
ClientSampleId :
OK-03-091917

Tgt Ion:276 Resp: 97590

Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	27.9	21.8	32.8