Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099763.D
Acq On : 23 Oct 2017 17:13
Operator : SJ/JU
Sample : I5988-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251373-78DL

Quant Time: Oct 23 17:55:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	108210	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	462368	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	215059	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	342073	20.00	ng	0.00
75) Chrysene-d12	13.98	240	175644	20.00	ng	0.00
86) Perylene-d12	15.44	264	201886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	22591	3.28	ng	0.01
7) Phenol-d6	6.45	99	30827	3.77	ng	0.00
23) Nitrobenzene-d5	7.37	82	17268	2.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	5711	2.91	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	41209	2.96	ng	0.00
78) Terphenyl-d14	12.91	244	26655	3.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	109	0.036	ng	# 20
6) Aniline	6.49	93	522	0.049	ng	# 42
9) Benzaldehyde	6.58	77	306	0.063	ng	# 51
10) Phenol	6.47	94	1602	0.179	ng	# 74
11) bis(2-Chloroethyl)ether	6.49	93	522	0.075	ng	# 19
15) Benzyl Alcohol	6.96	79	108	0.021	ng	# 1
17) 2-Methylphenol	7.26	107	115	0.019	ng	# 11
19) n-Nitroso-di-n-propylamine	7.37	70	2133	0.445	ng	# 69
20) 3+4-Methylphenols	7.26	107	115	0.016	ng	# 20
25) Isophorone	7.37	82	17268	1.325	ng	# 64
27) 2,4-Dimethylphenol	7.90	122	109	0.018	ng	# 4
31) Naphthalene	8.11	128	17200	0.771	ng	99
32) Benzoic acid	7.90	122	109	0.020	ng	# 1
33) 4-Chloroaniline	8.10	127	2297	0.249	ng	# 33
37) 2-Methylnaphthalene	8.80	142	6946	0.464	ng	99
45) 1,1'-Biphenyl	9.26	154	4321	0.222	ng	90
46) 2-Chloronaphthalene	9.43	162	505	0.036	ng	# 32
48) Acenaphthylene	9.70	152	11655	0.536	ng	# 95
50) 2,6-Dinitrotoluene	9.84	165	28862	8.061	ng	# 25
51) Acenaphthene	9.87	154	46173	3.472	ng	99
52) 3-Nitroaniline	10.05	138	381	0.090	ng	# 2
54) Dibenzofuran	10.05	168	28066	1.495	ng	# 97
55) 4-Nitrophenol	9.94	139	581	0.264	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	1744	0.404	ng	# 38
57) Fluorene	10.39	166	43986	2.830	ng	99
59) Diethylphthalate	10.25	149	1413	0.085	ng	# 61
61) 4-Nitroaniline	10.39	138	346	0.086	ng	# 19
62) Azobenzene	10.55	77	1596	0.114	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	108	0.050	ng	# 23
65) n-Nitrosodiphenylamine	10.50	169	3467	0.275	ng	# 11
66) 4-Bromophenyl-phenylether	10.64	248	274	0.076	ng	# 1
70) Phenanthrene	11.36	178	702113	36.370	ng	100
71) Anthracene	11.41	178	207126	10.570	ng	98
72) Carbazole	11.57	167	23113	1.254	ng	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099763.D
Acq On : 23 Oct 2017 17:13
Operator : SJ/JU
Sample : I5988-01DL 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR251373-78DL

Quant Time: Oct 23 17:55:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:08:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	11.89	149	479	0.020	ng	#	78
74) Fluoranthene	12.55	202	765056	38.134	ng		98
76) Benzidine	12.91	184	448	0.058	ng	#	66
77) Pyrene	12.78	202	793681	59.426	ng		100
79) Butylbenzylphthalate	13.38	149	270	0.041	ng	#	38
80) Benzo(a)anthracene	13.97	228	308475	27.704	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	116	0.029	ng	#	27
82) Chrysene	14.00	228	258176	24.663	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	1381	0.150	ng	#	69
84) Di-n-octyl phthalate	14.59	149	399	0.025	ng	#	19
85) Indeno(1,2,3-cd)pyrene	16.92	276	135755	14.127	ng		98
87) Benzo(b)fluoranthene	15.02	252	382002	29.965	ng	#	96
88) Benzo(k)fluoranthene	15.02	252	382002	31.778	ng		98
89) Benzo(a)pyrene	15.39	252	243382	21.253	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	31145	3.061	ng		95
91) Benzo(g,h,i)perylene	17.36	276	138646	13.927	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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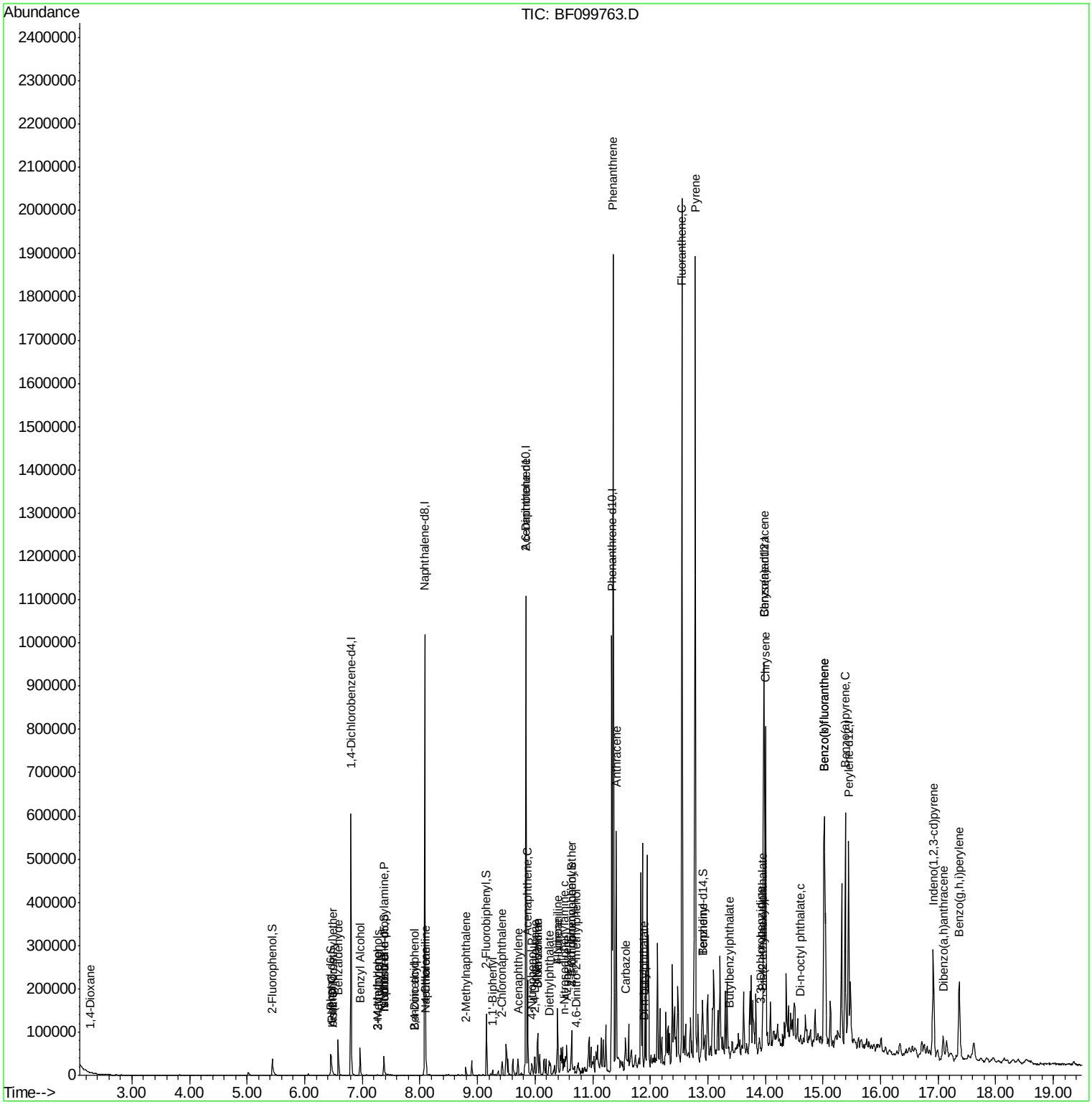
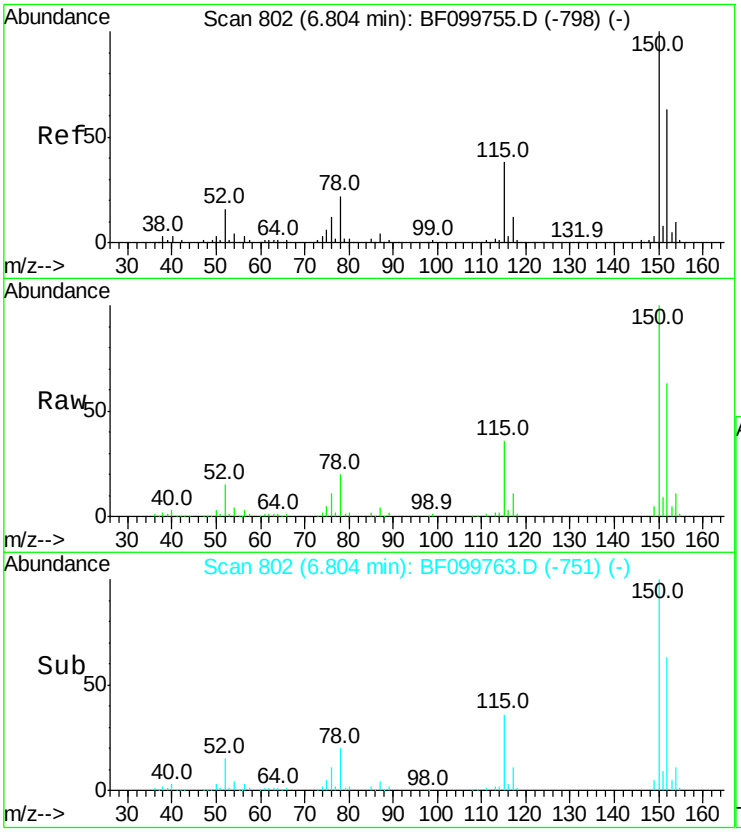
Response via : Initial Calibration



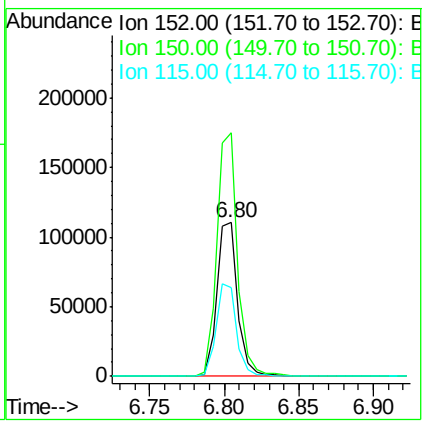


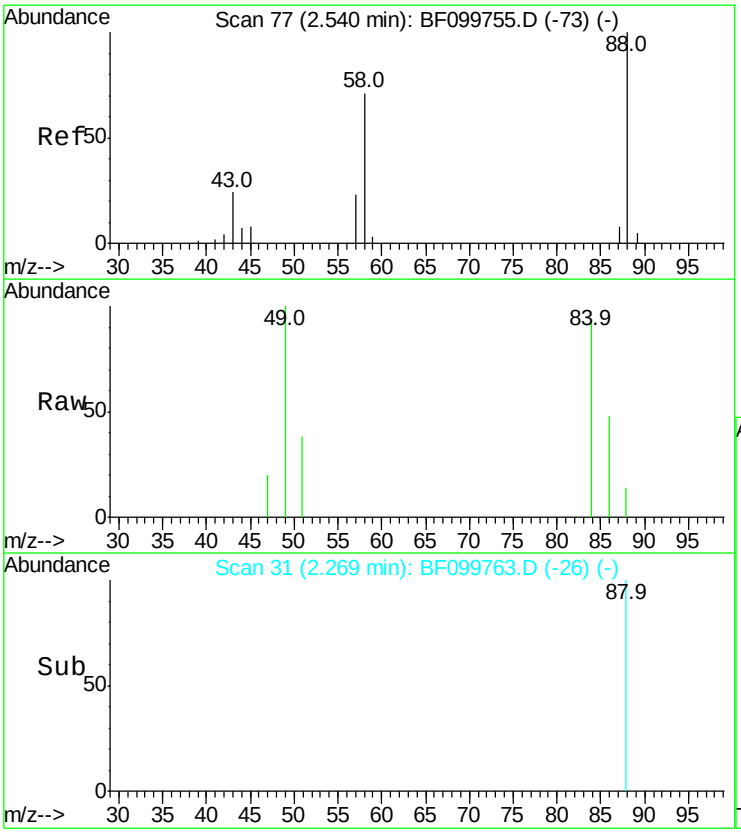
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:152 Resp: 108210

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	57.3	50.1	75.1

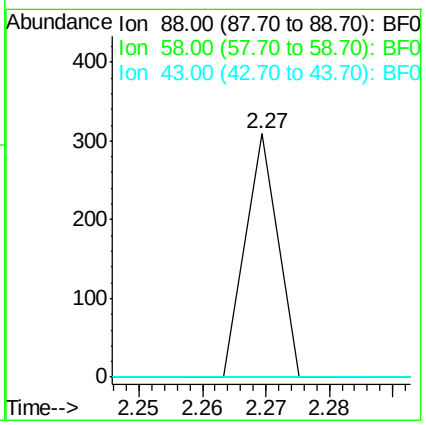


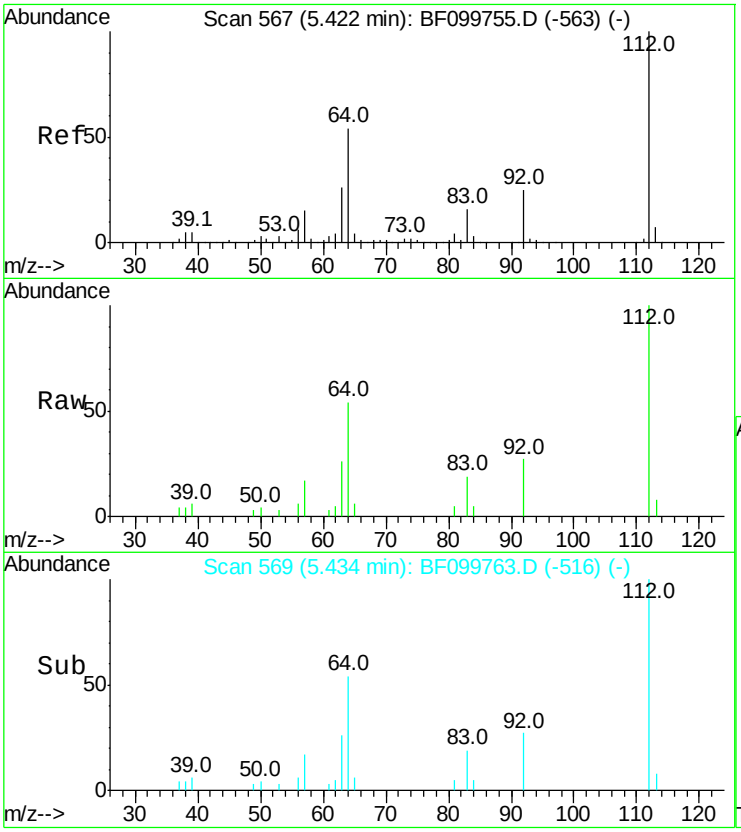


#2
1,4-Dioxane
Concen: 0.036 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.27 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion: 88 Resp: 109

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



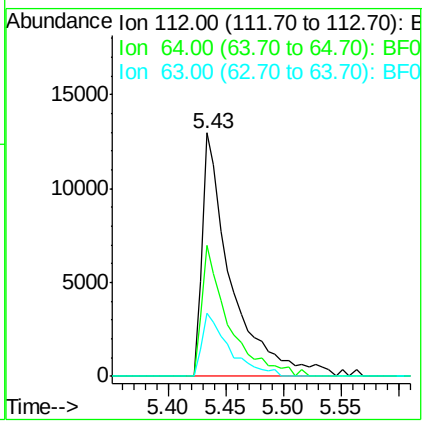


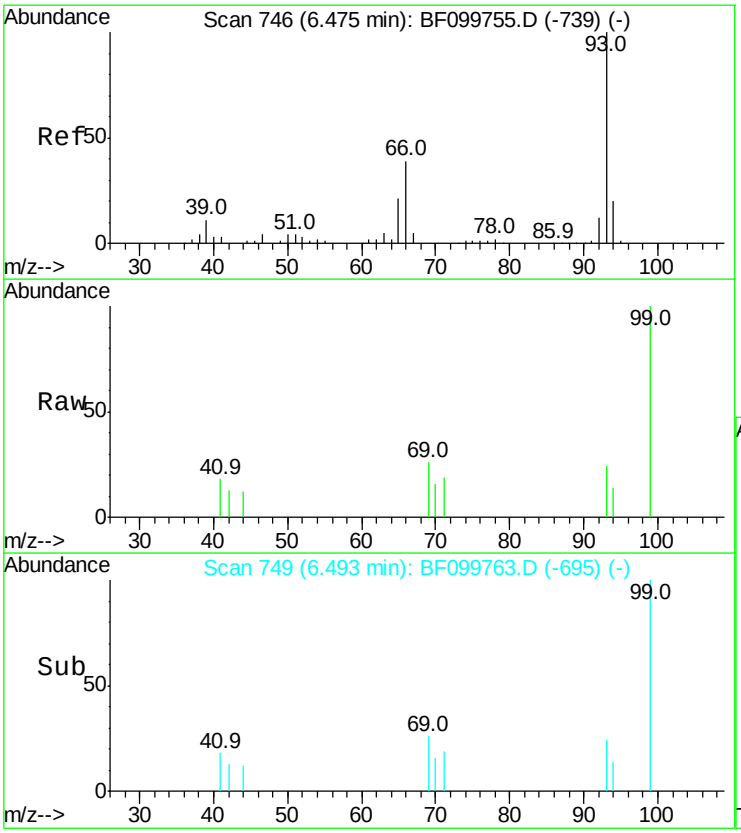
#5
2-Fluorophenol
Concen: 3.278 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:112 Resp: 22591

Ion	Ratio	Lower	Upper
112	100		
64	53.6	47.9	71.9
63	25.8	23.7	35.5

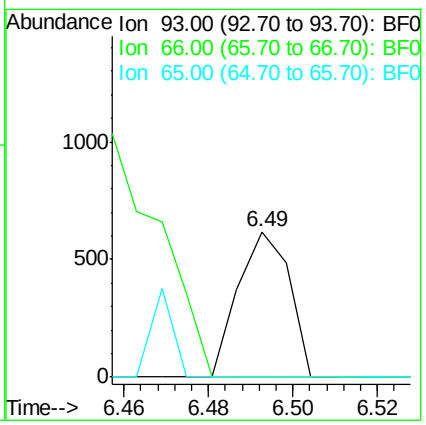


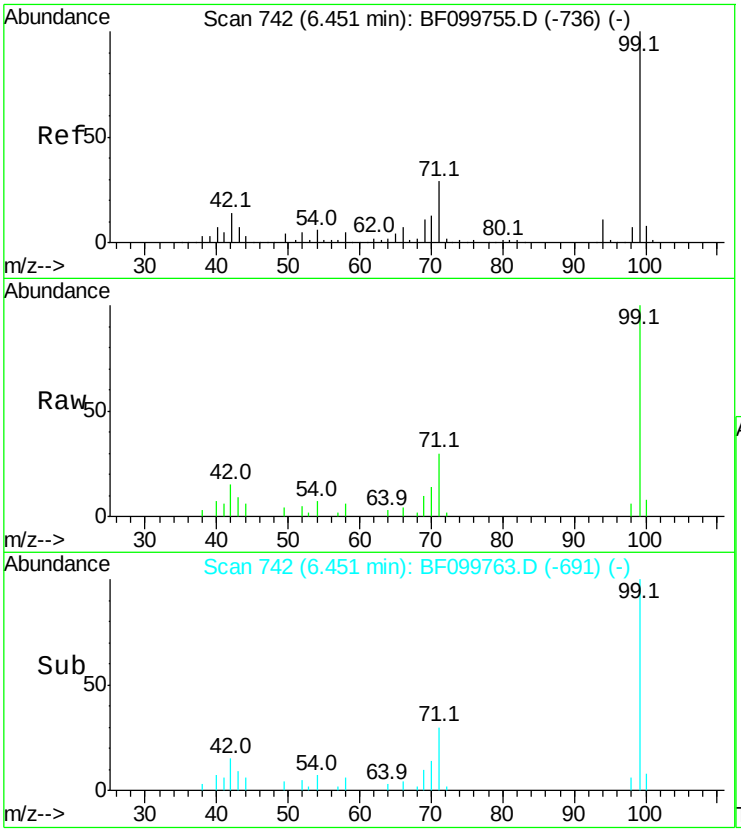


#6
Aniline
Concen: 0.049 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.02 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion: 93 Resp: 522

Ion	Ratio	Lower	Upper
93	100		
66	0.0	32.2	48.2#
65	0.0	16.4	24.6#



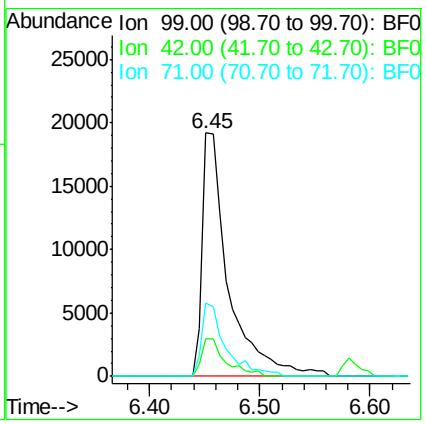


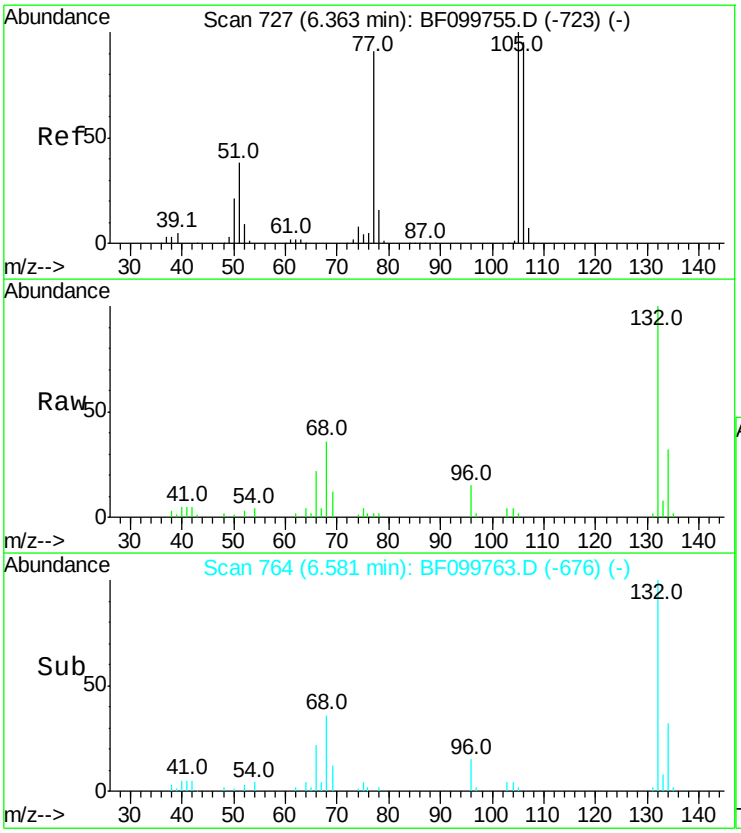
#7
Phenol-d6
Concen: 3.772 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion: 99 Resp: 30827

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	30.4	25.4	38.0

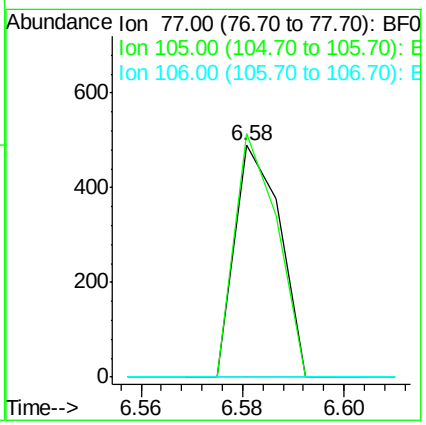


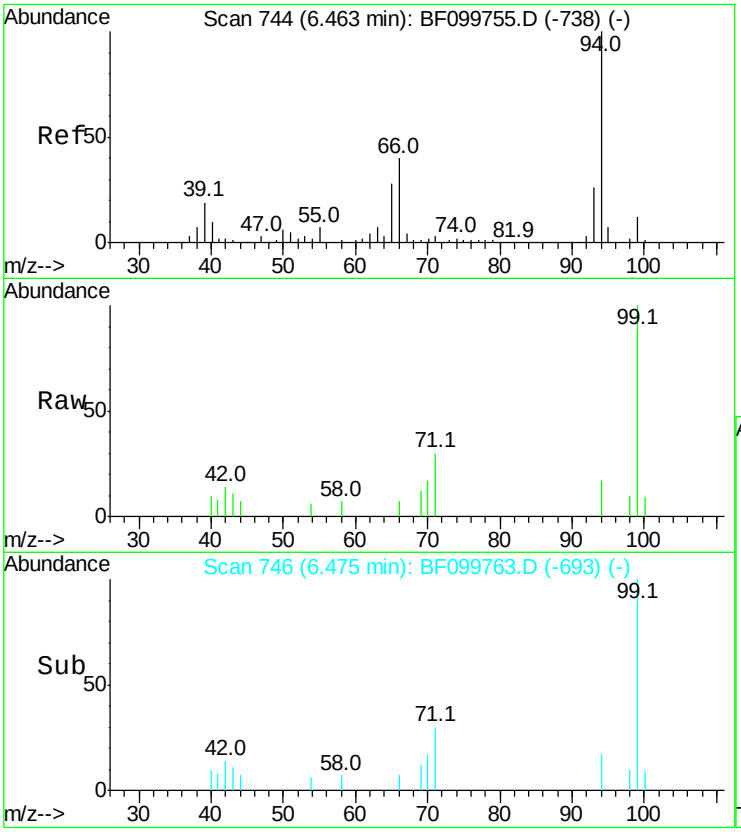


#9
Benzaldehyde
Concen: 0.063 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.22 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion: 77 Resp: 306

Ion	Ratio	Lower	Upper
77	100		
105	104.9	81.1	121.1
106	0.0	74.5	114.5#



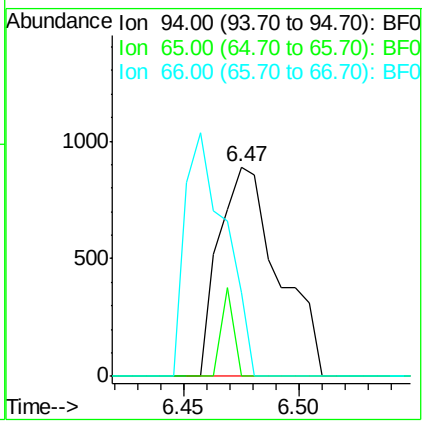


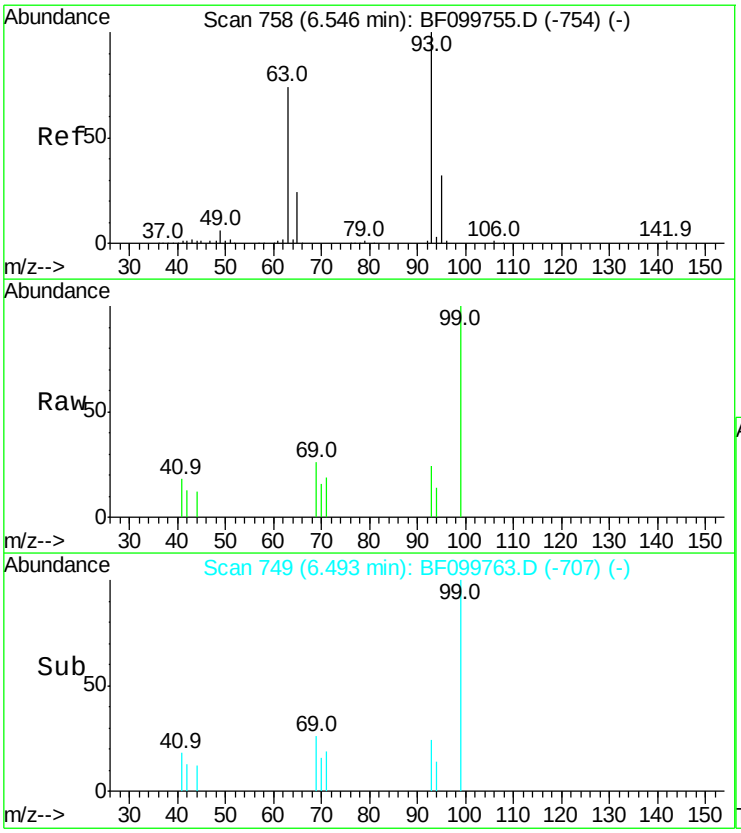
#10
Phenol
Concen: 0.179 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion: 94 Resp: 1602

Ion	Ratio	Lower	Upper
94	100		
65	0.0	7.9	47.9#
66	39.7	16.2	56.2

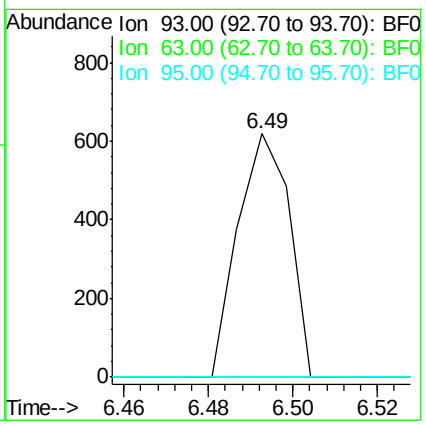


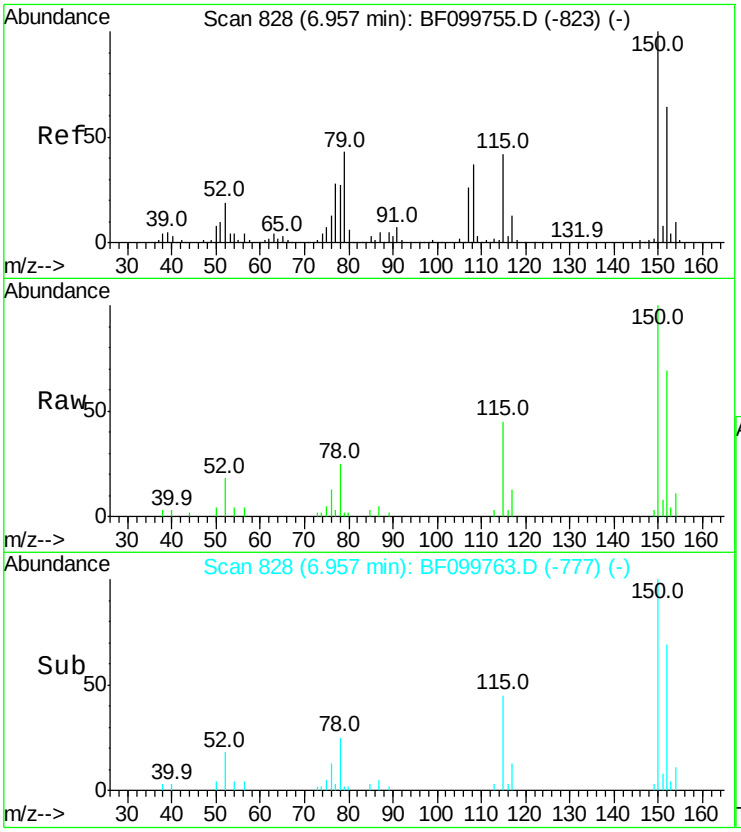


#11
bis(2-Chloroethyl)ether
Concen: 0.075 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.05 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion: 93 Resp: 522

Ion	Ratio	Lower	Upper
93	100		
63	0.0	58.6	98.6#
95	0.0	11.8	51.8#



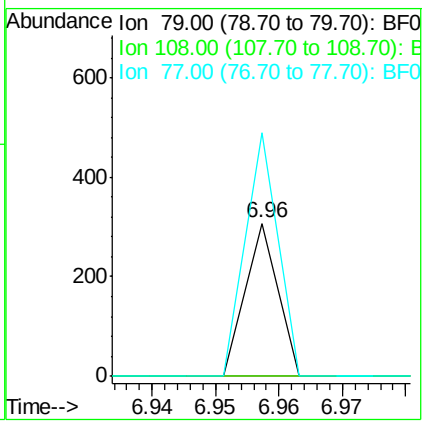


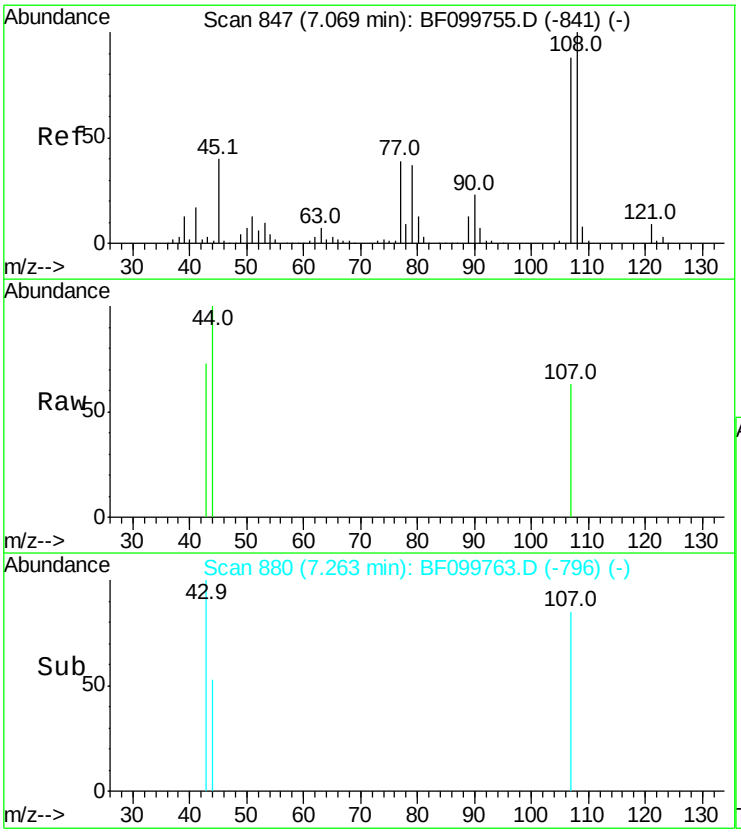
#15
Benzyl Alcohol
Concen: 0.021 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion: 79 Resp: 108

Ion	Ratio	Lower	Upper
79	100		
108	0.0	65.1	97.7#
77	159.3	50.6	75.8#

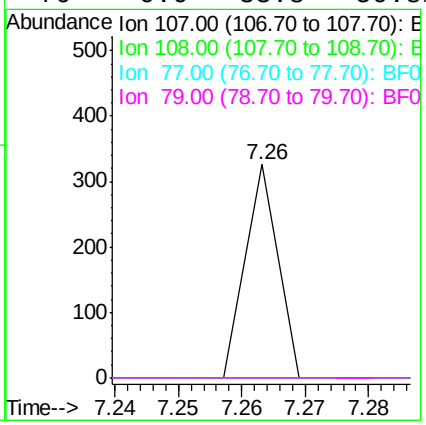


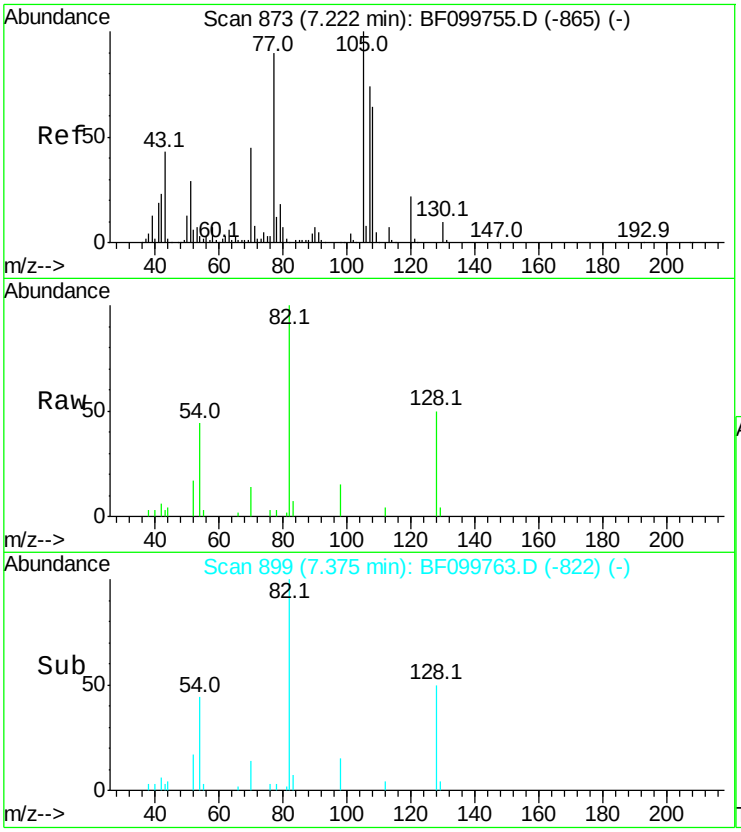


#17
2-Methylphenol
Concen: 0.019 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.19 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:107 Resp: 115

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.7	137.5#
77	0.0	33.8	50.8#
79	0.0	33.8	50.8#



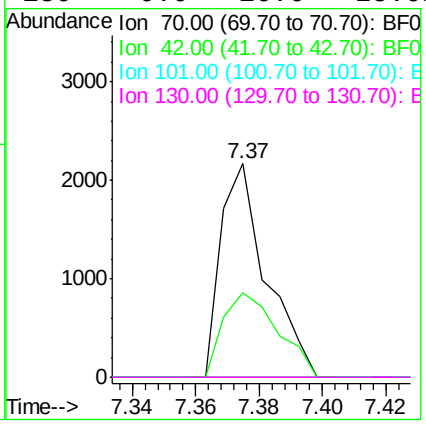


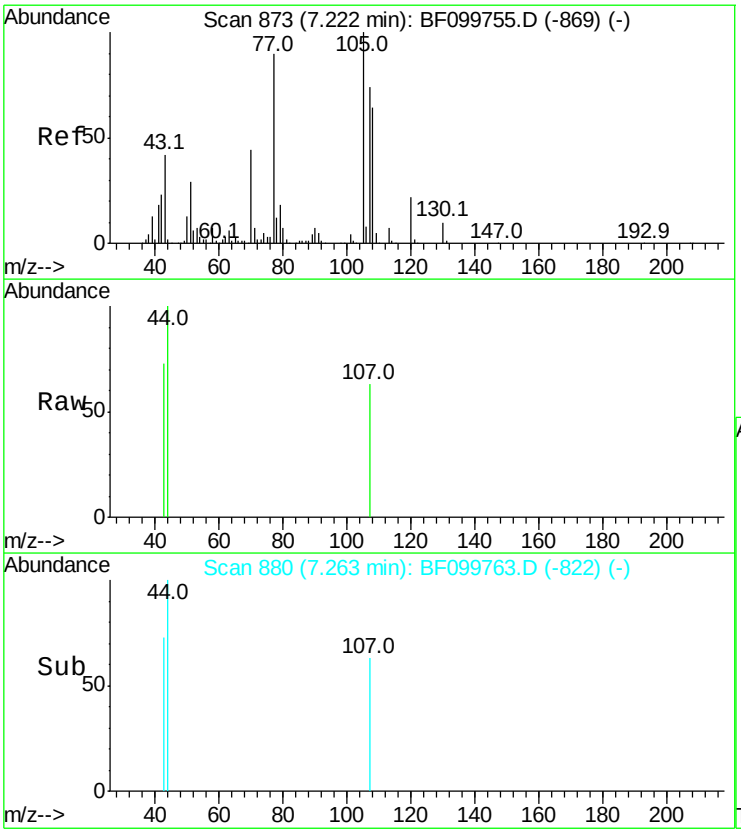
#19
n-Nitroso-di-n-propylamine
Concen: 0.445 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion: 70 Resp: 2133

Ion	Ratio	Lower	Upper
70	100		
42	39.5	47.5	71.3#
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#

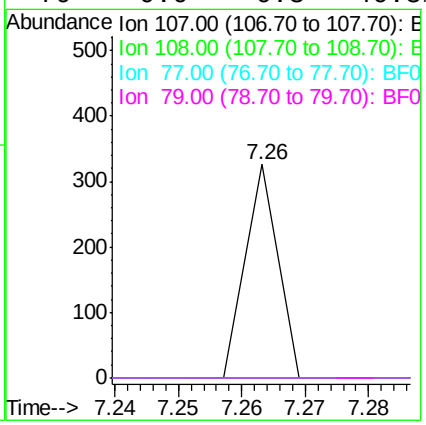


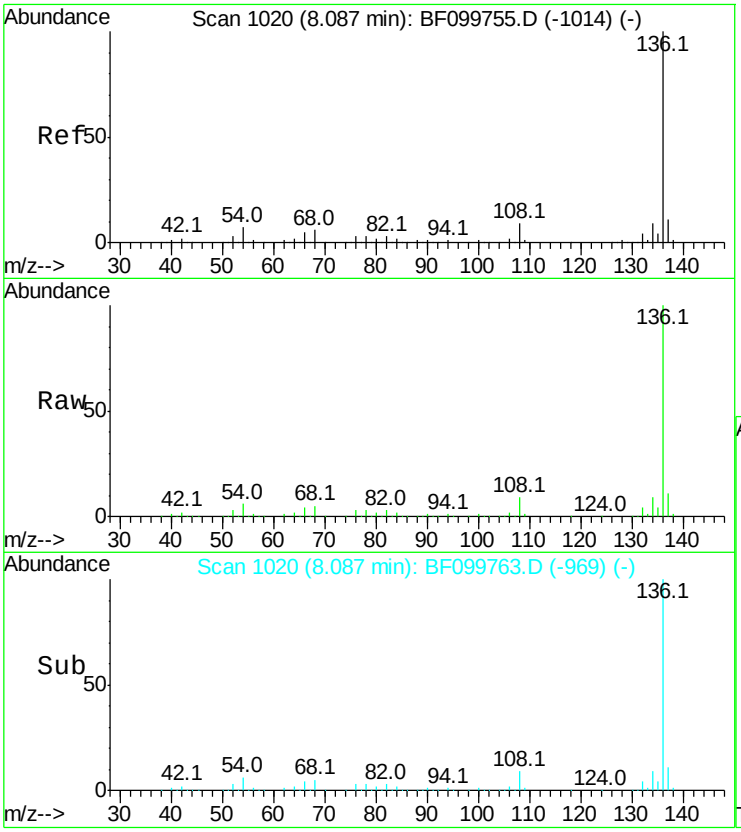


#20
3+4-Methylphenols
Concen: 0.016 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.04 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:107 Resp: 115

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



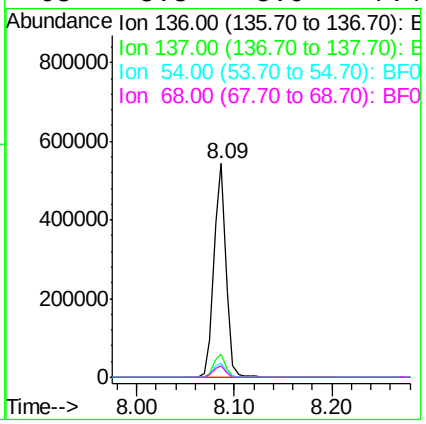


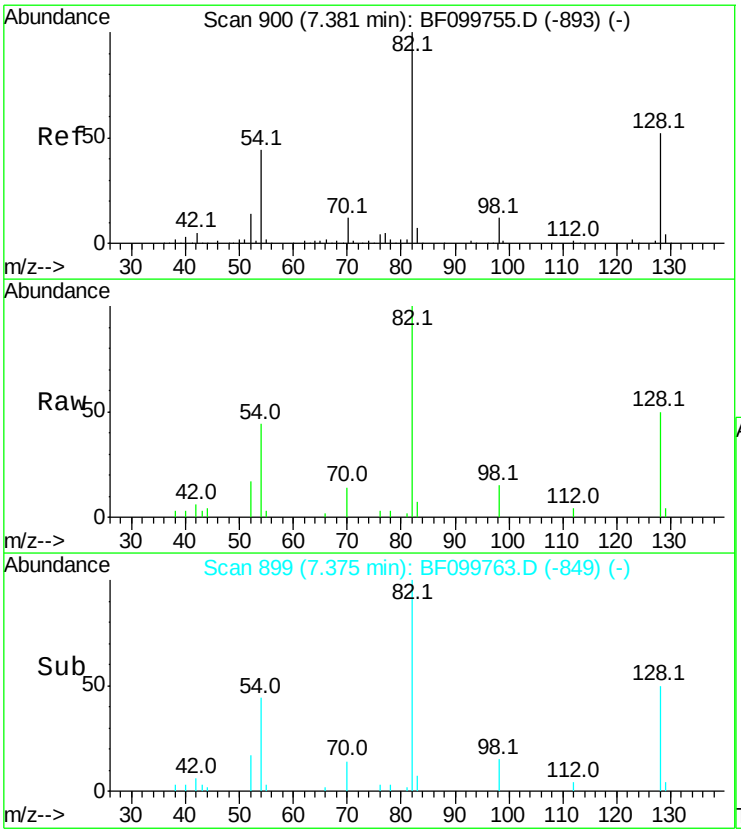
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:136 Resp: 462368

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.3	6.6	9.8#
68	5.3	5.0	7.4

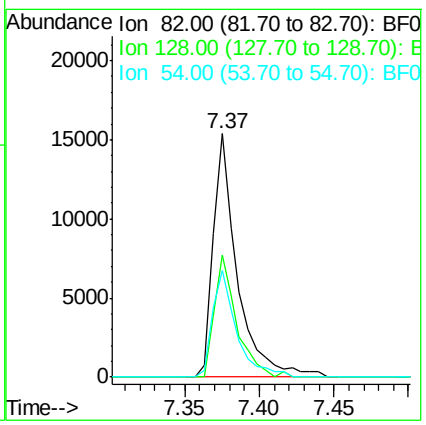


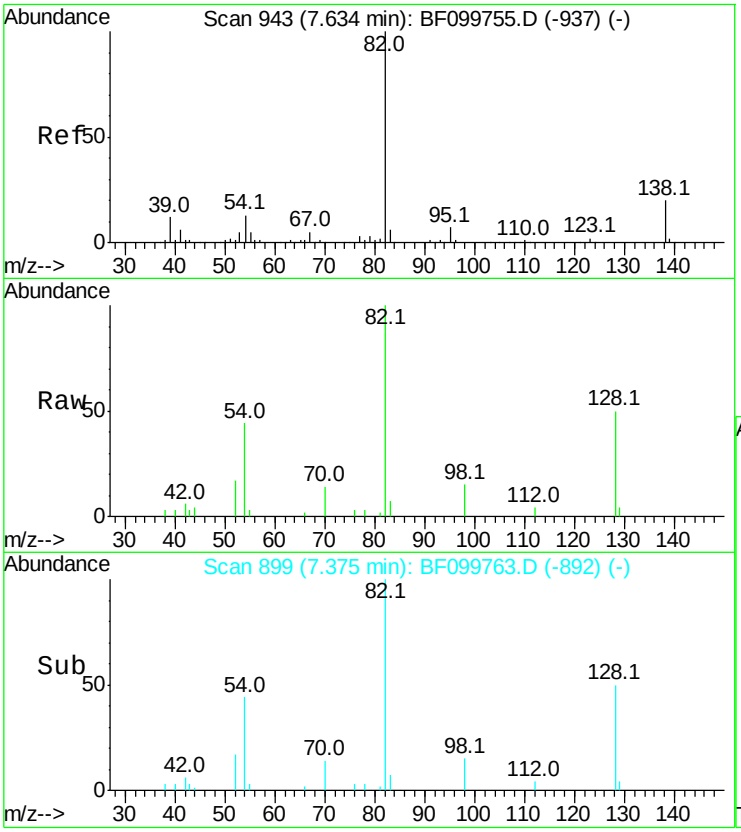


#23
Nitrobenzene-d5
Concen: 2.404 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion: 82 Resp: 17268

Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.1	54.1
54	44.0	41.4	62.2



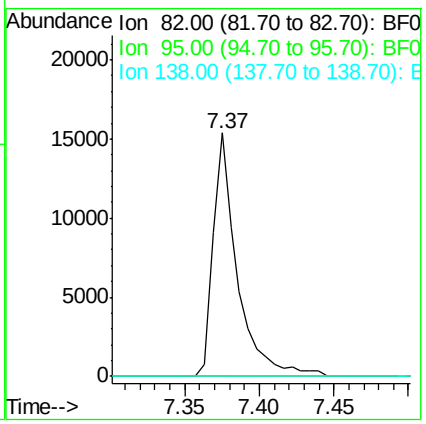


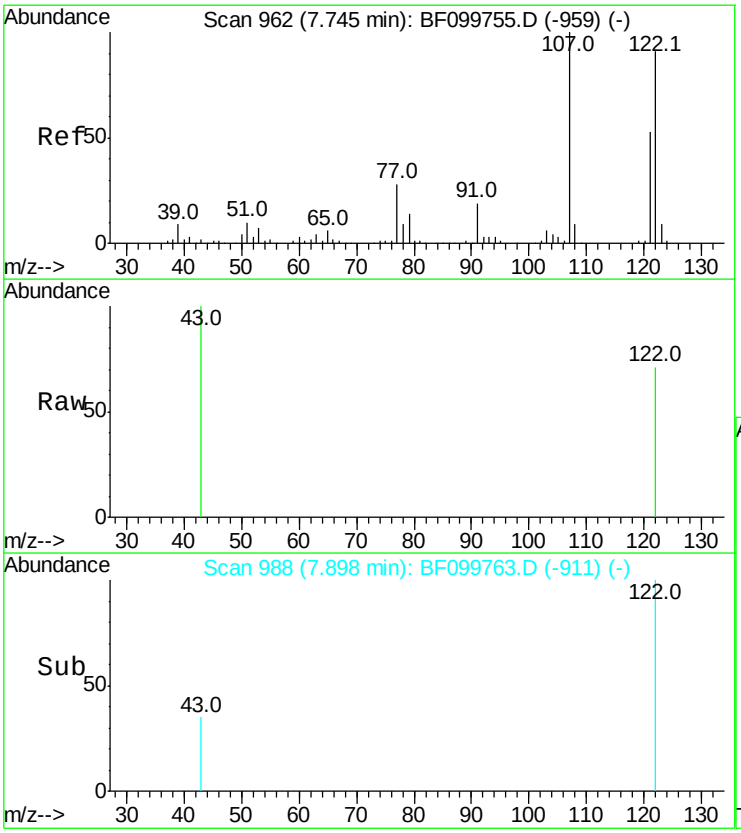
#25
Isophorone
Concen: 1.325 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion: 82 Resp: 17268

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

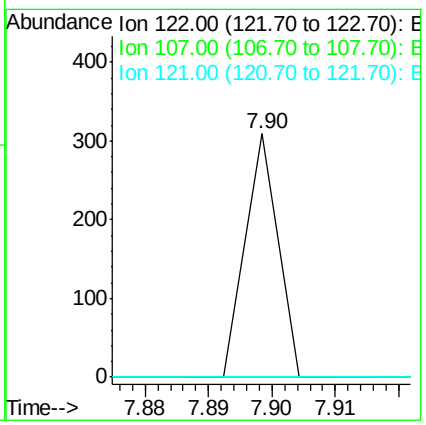


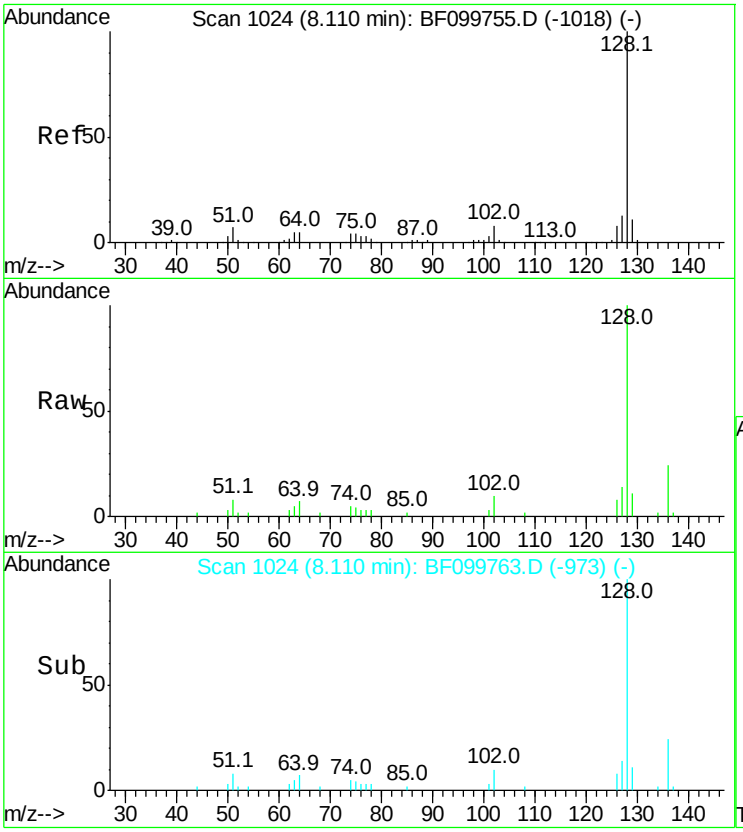


#27
2,4-Dimethylphenol
Concen: 0.018 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.15 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	47.2	70.8#



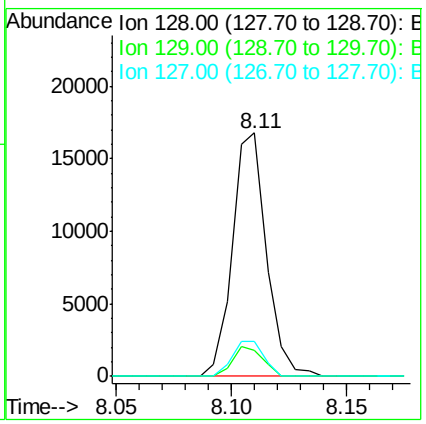


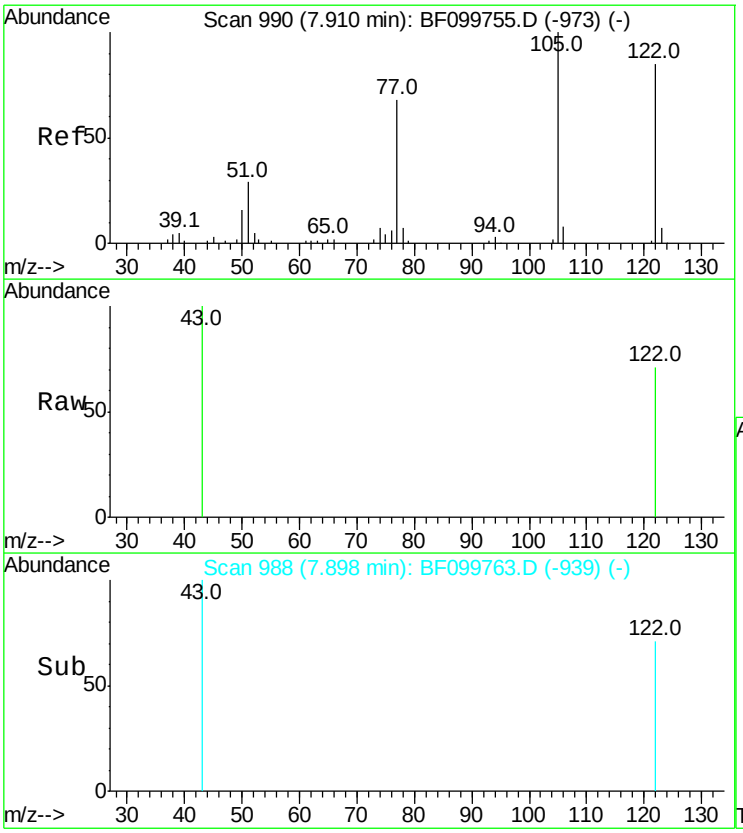
#31
Naphthalene
Concen: 0.771 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:128 Resp: 17200

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	14.2	10.9	16.3

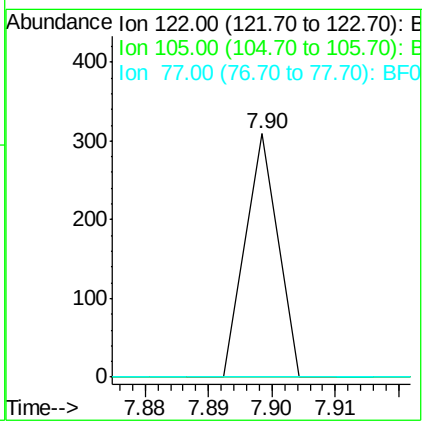


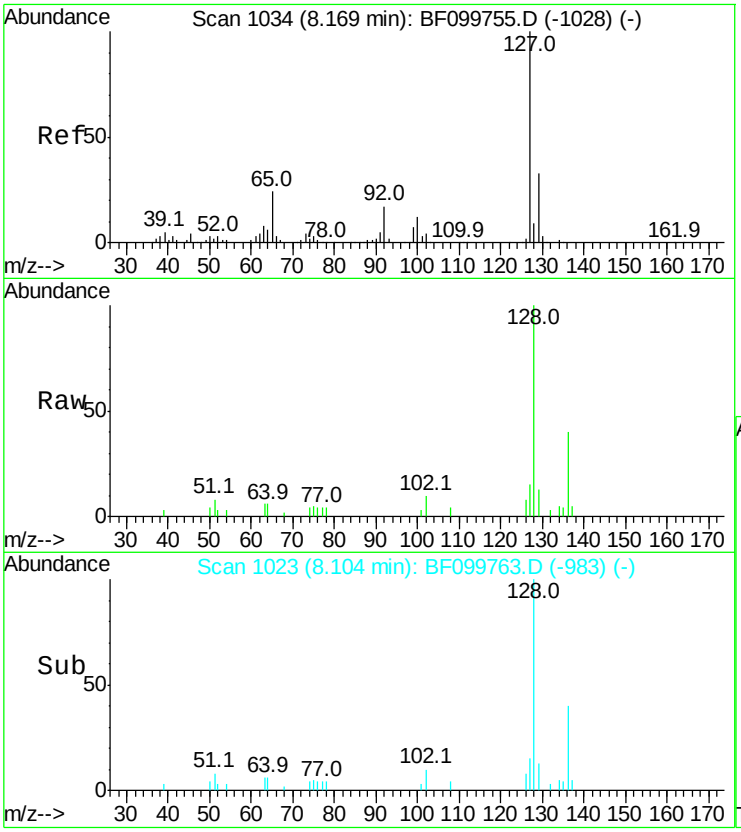


#32
Benzoic acid
Concen: 0.020 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:122 Resp: 109

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.1	141.1#
77	0.0	70.7	110.7#



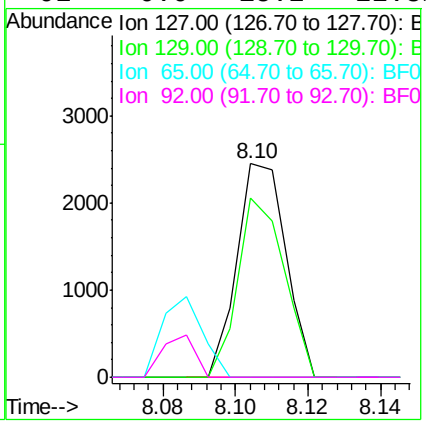


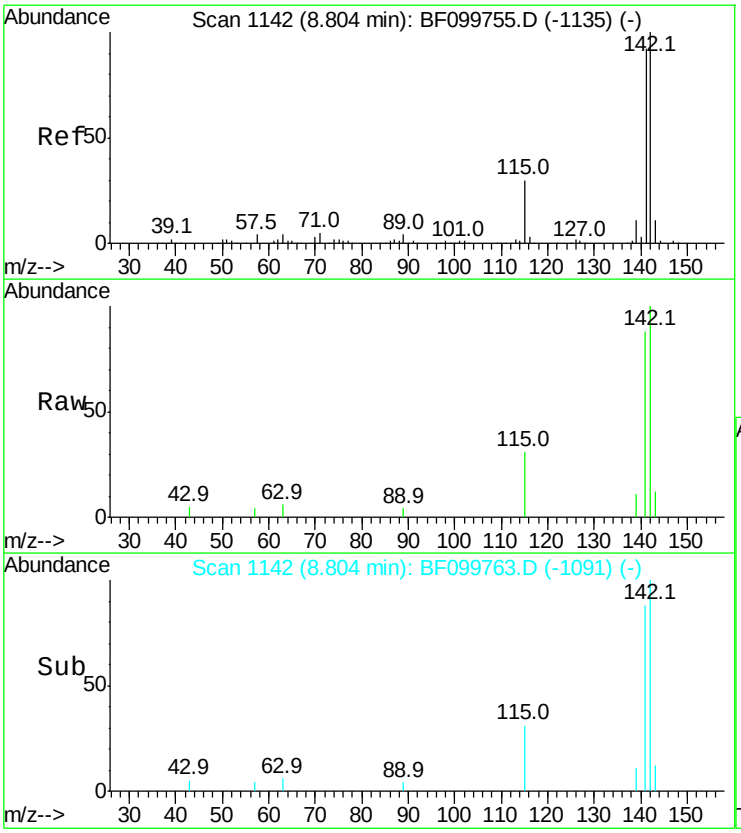
#33
4-Chloroaniline
Concen: 0.249 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.06 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:127 Resp: 2297

Ion	Ratio	Lower	Upper
127	100		
129	84.1	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#

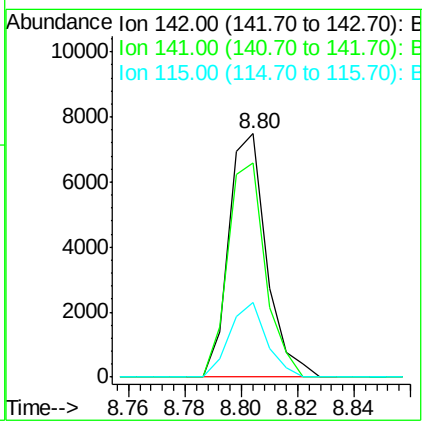


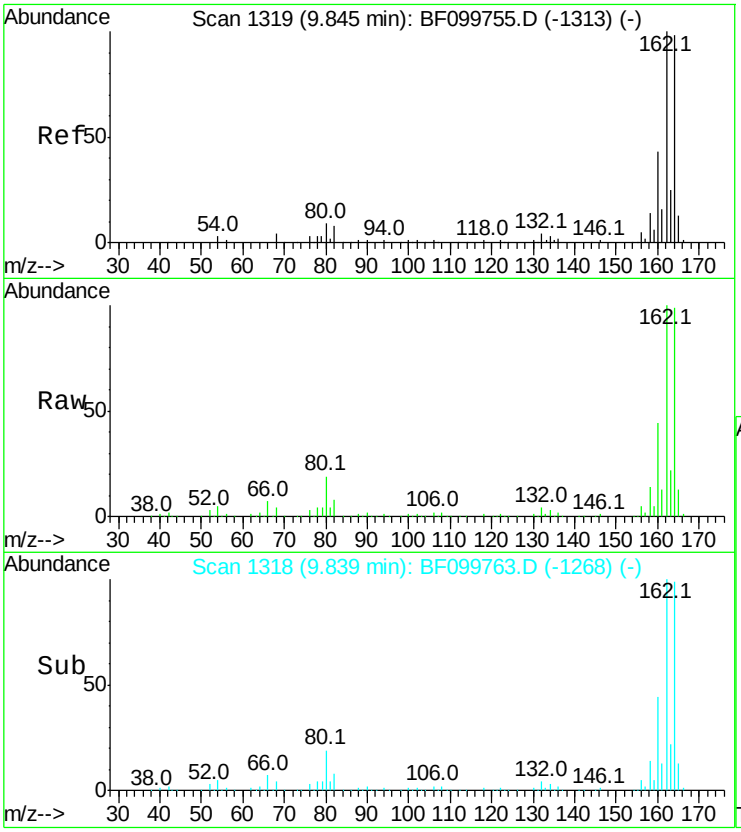


#37
2-Methylnaphthalene
Concen: 0.464 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:142 Resp: 6946

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	30.7	26.1	39.1



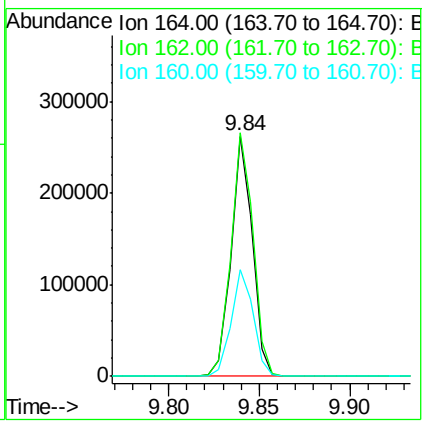


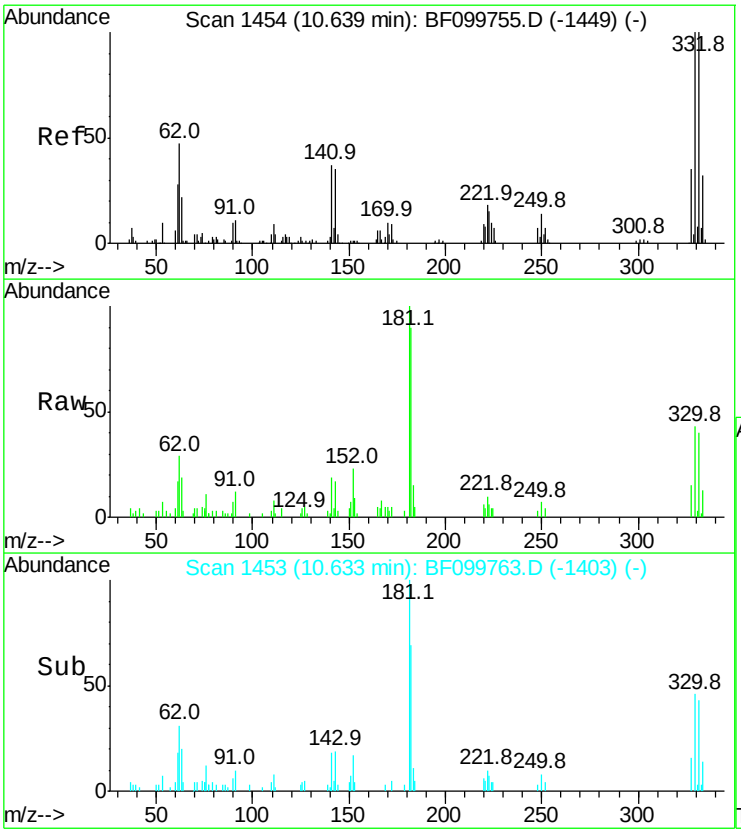
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:164 Resp: 215059

Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	44.4	38.3	57.5

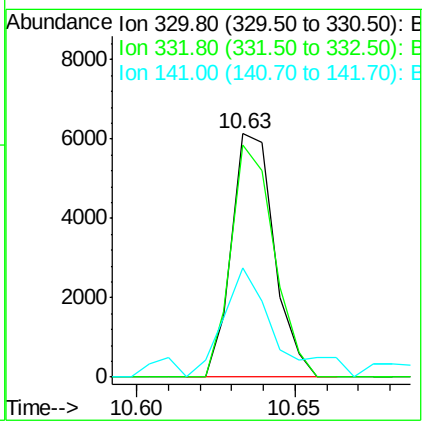


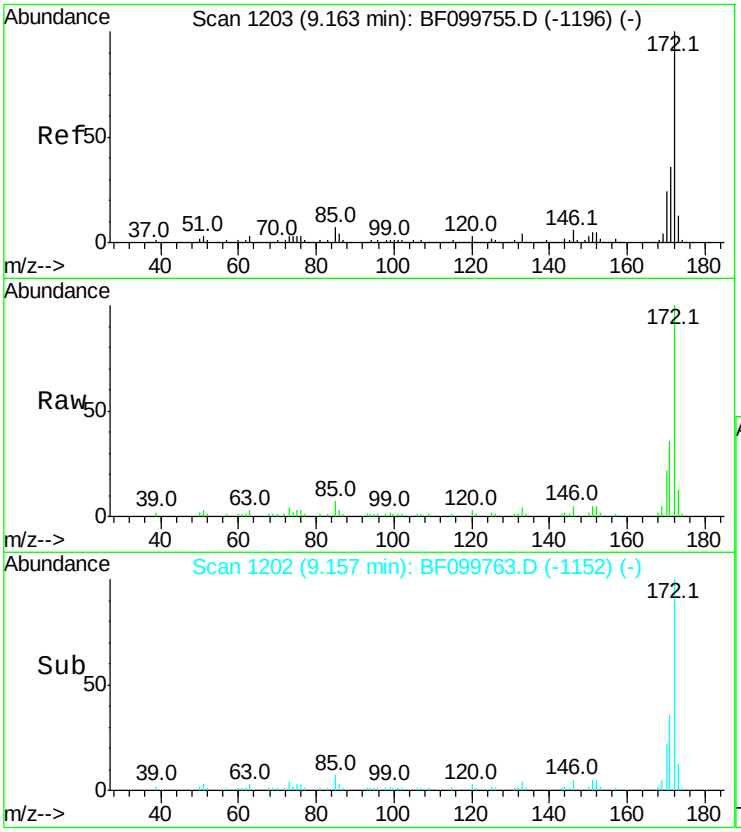


#41
2,4,6-Tribromophenol
Concen: 2.914 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:330 Resp: 5711

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	59.1	29.9	44.9#



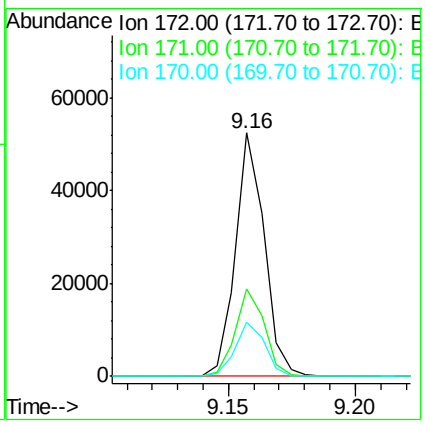


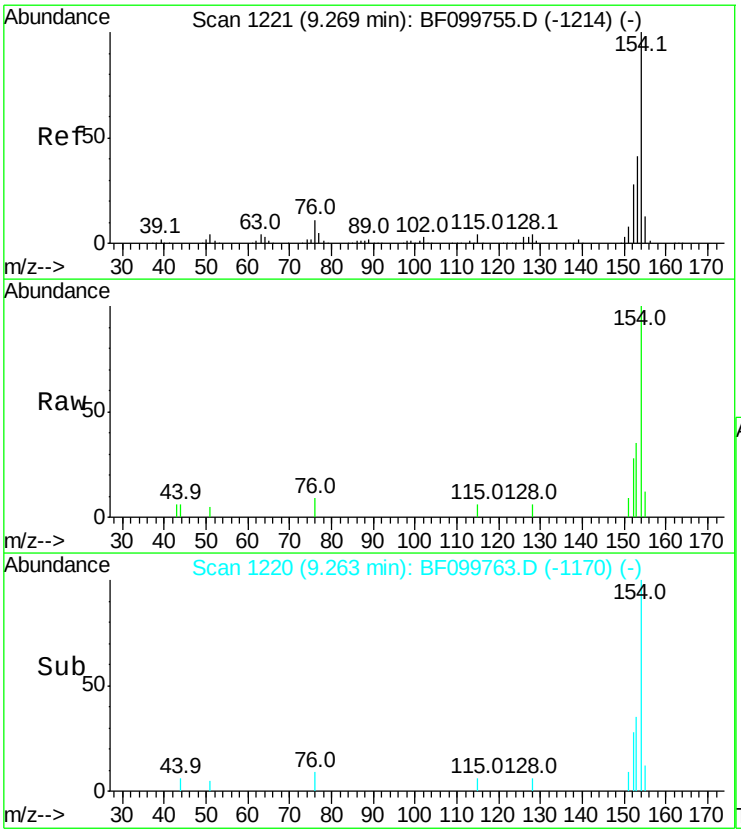
#44
2-Fluorobiphenyl
Concen: 2.956 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:172 Resp: 41209

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	22.3	19.6	29.4

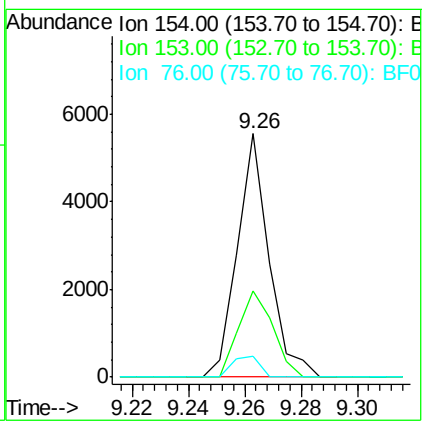


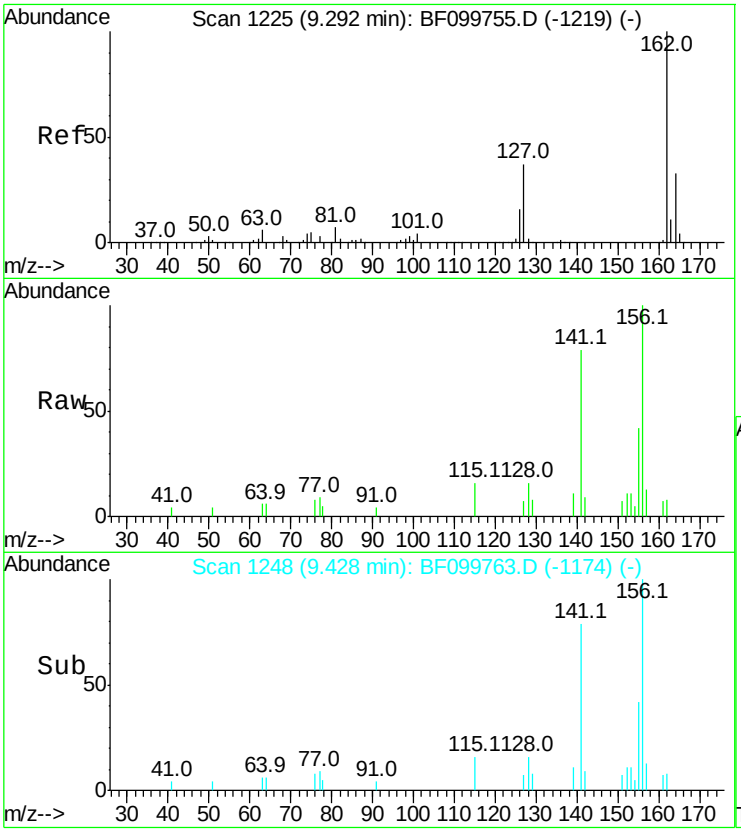


#45
1,1'-Biphenyl
Concen: 0.222 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:154 Resp: 4321

Ion	Ratio	Lower	Upper
154	100		
153	35.4	21.3	61.3
76	8.7	0.0	34.0



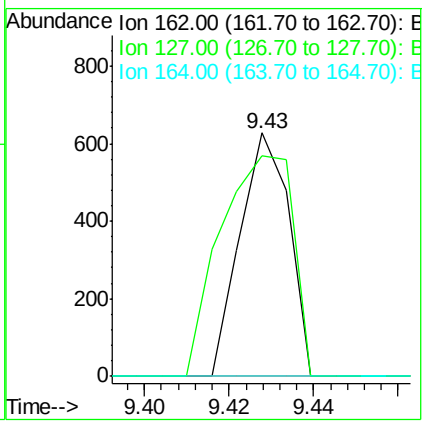


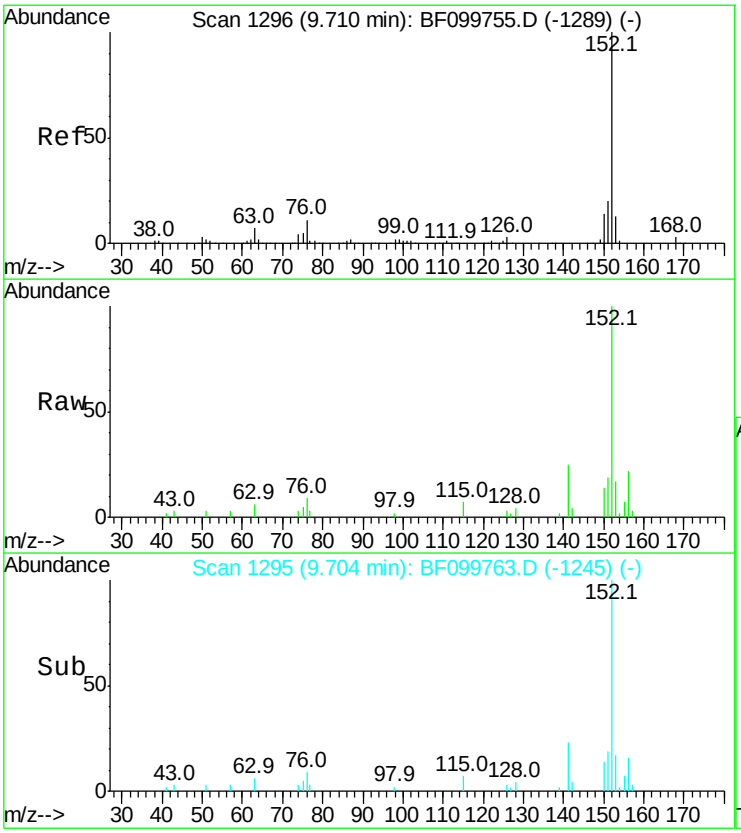
#46
2-Chloronaphthalene
Concen: 0.036 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.14 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:162 Resp: 505

Ion	Ratio	Lower	Upper
162	100		
127	90.8	33.9	50.9#
164	0.0	26.5	39.7#

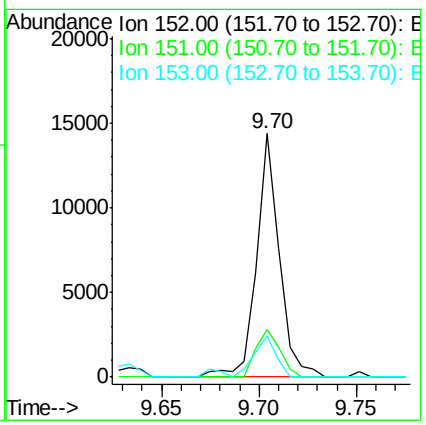


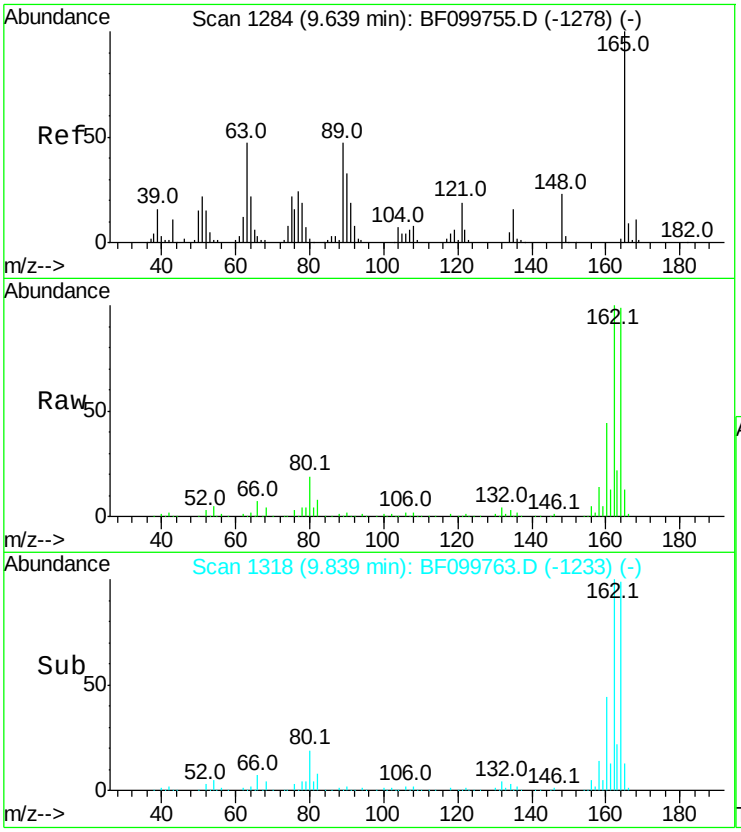


#48
Acenaphthylene
Concen: 0.536 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:152 Resp: 11655

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.3	24.5
153	17.0	10.7	16.1#



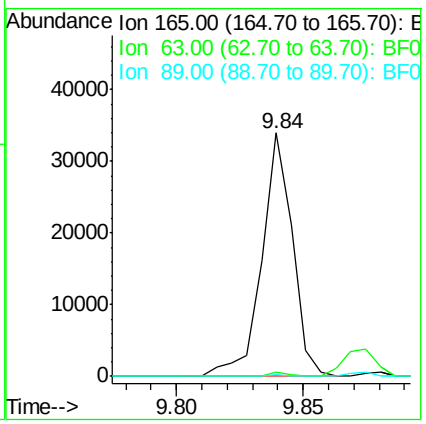


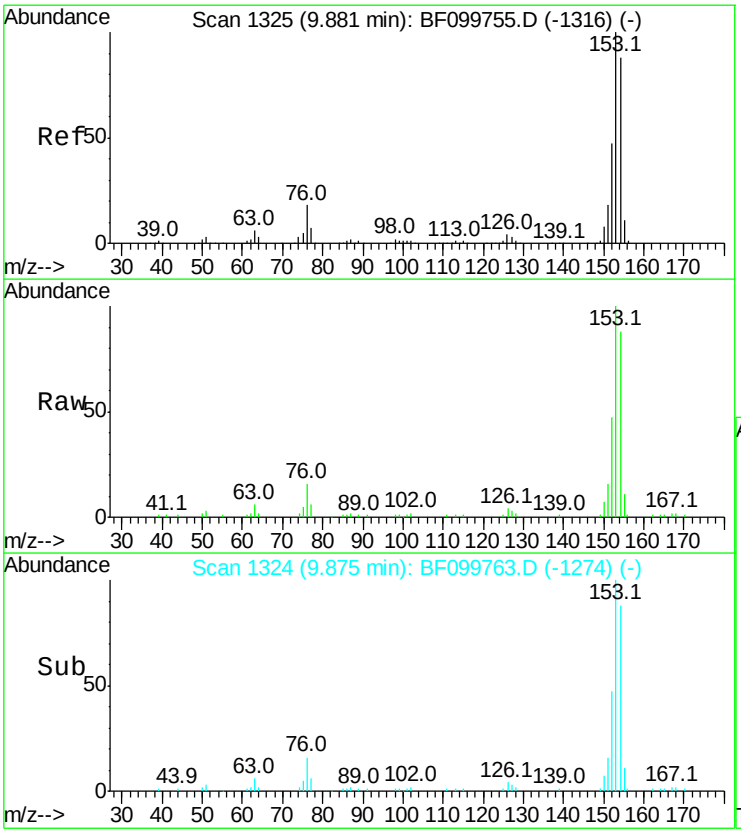
#50
2,6-Dinitrotoluene
Concen: 8.061 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.20 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:165 Resp: 28862

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	0.9	44.0	66.0#

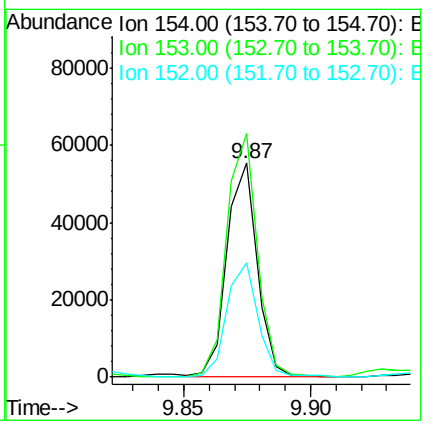


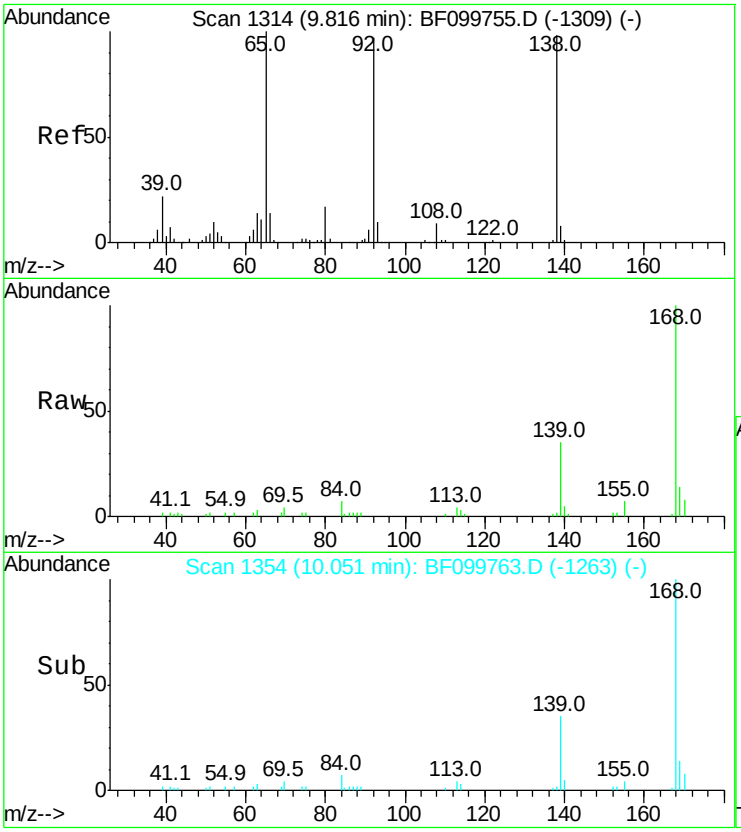


#51
Acenaphthene
Concen: 3.472 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:154 Resp: 46173

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.2	136.8
152	53.4	43.8	65.8



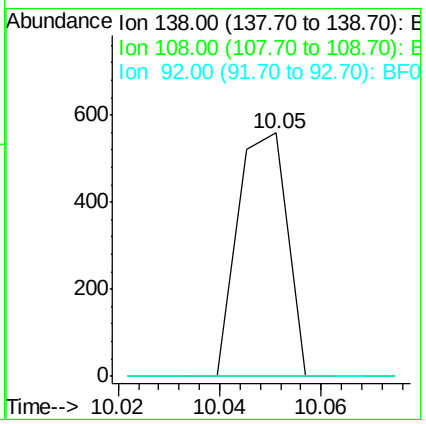


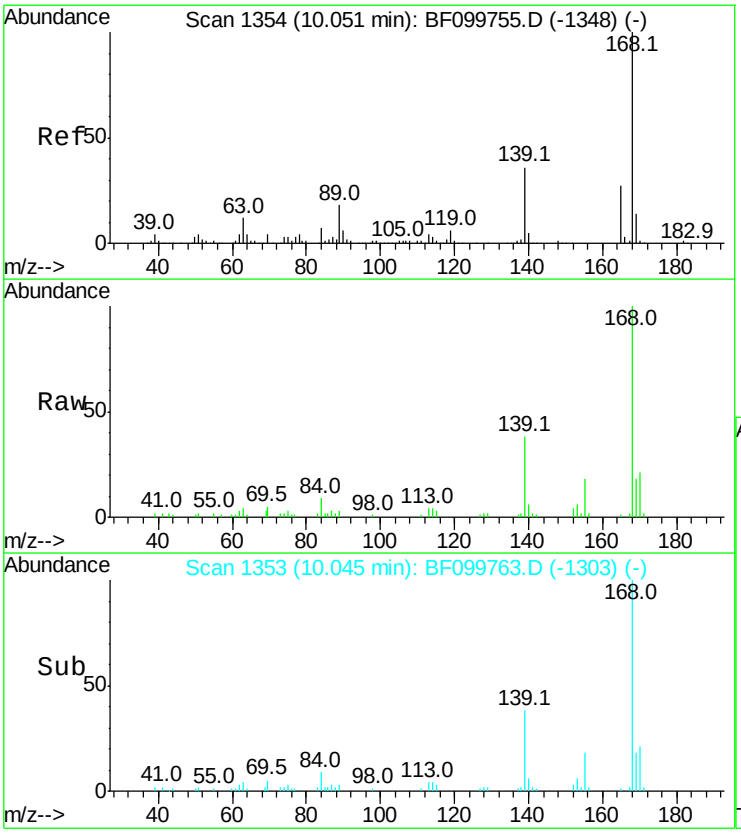
#52
3-Nitroaniline
Concen: 0.090 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.24 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:138 Resp: 381

Ion	Ratio	Lower	Upper
138	100		
108	0.0	9.4	14.0#
92	0.0	89.4	134.2#

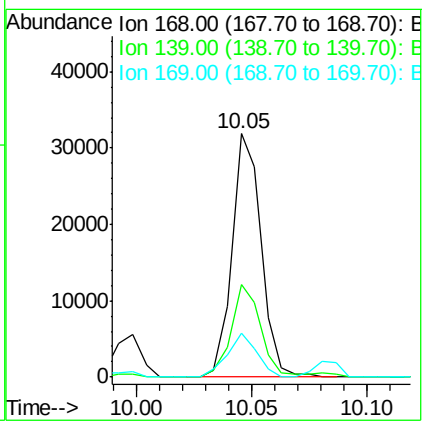


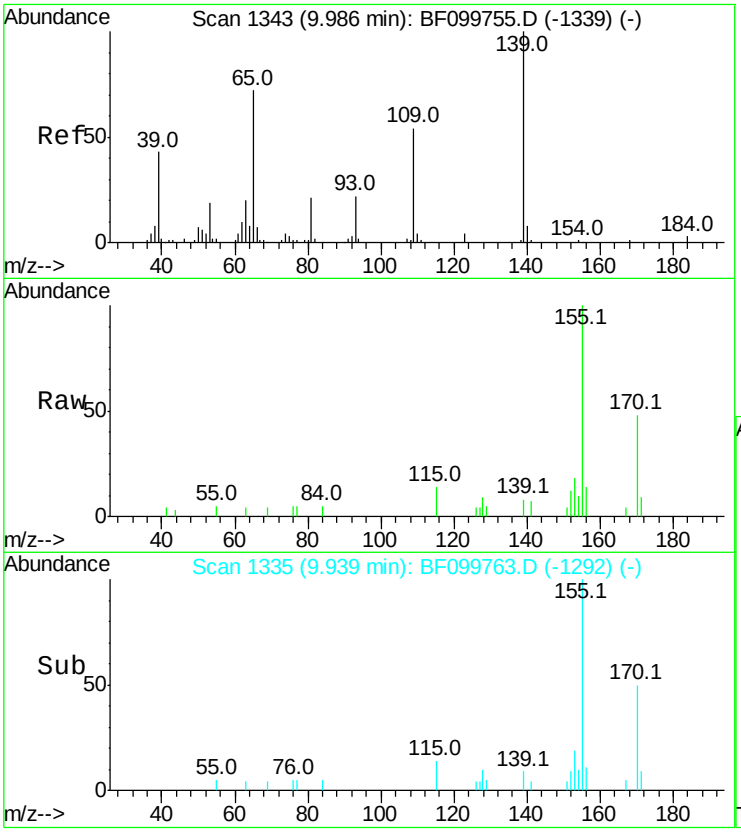


#54
Dibenzofuran
Concen: 1.495 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:168 Resp: 28066

Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	18.2	10.9	16.3#



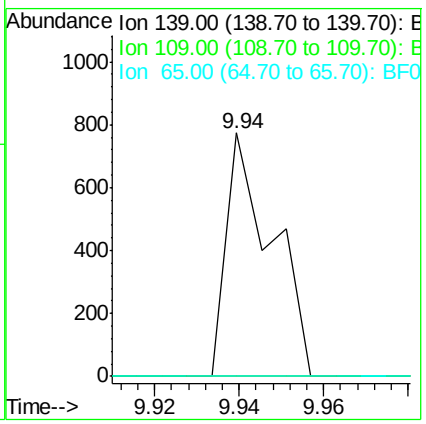


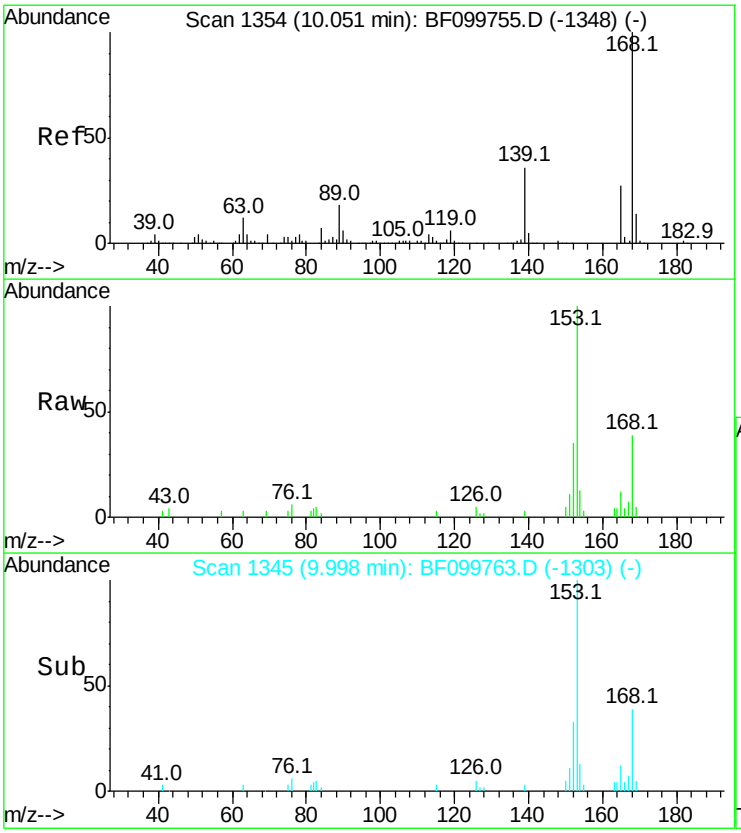
#55
4-Nitrophenol
Concen: 0.264 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.05 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:139 Resp: 581

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.4	88.4#
65	0.0	72.6	112.6#

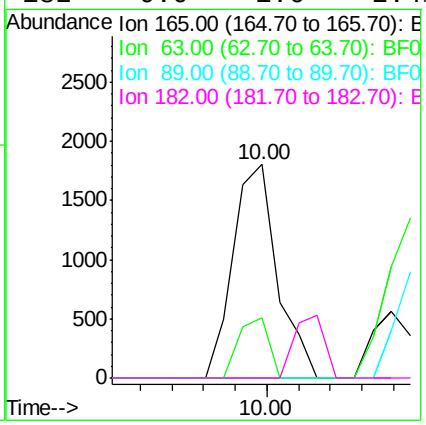


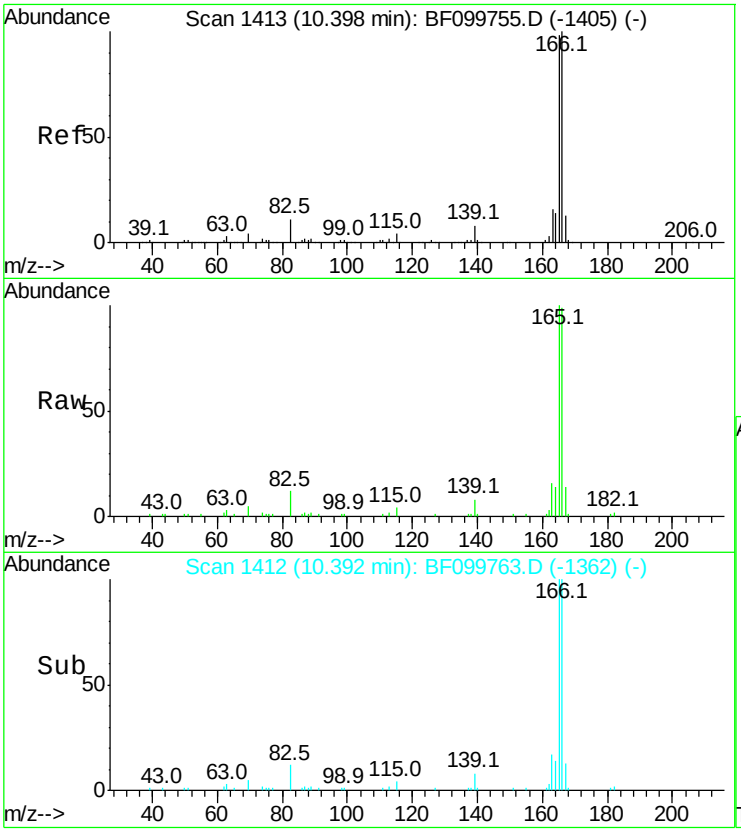


#56
2,4-Dinitrotoluene
Concen: 0.404 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.05 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:165 Resp: 1744

Ion	Ratio	Lower	Upper
165	100		
63	27.9	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



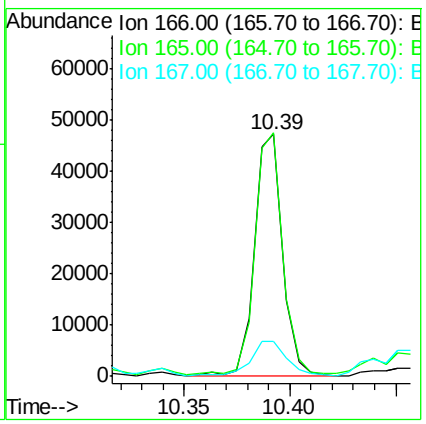


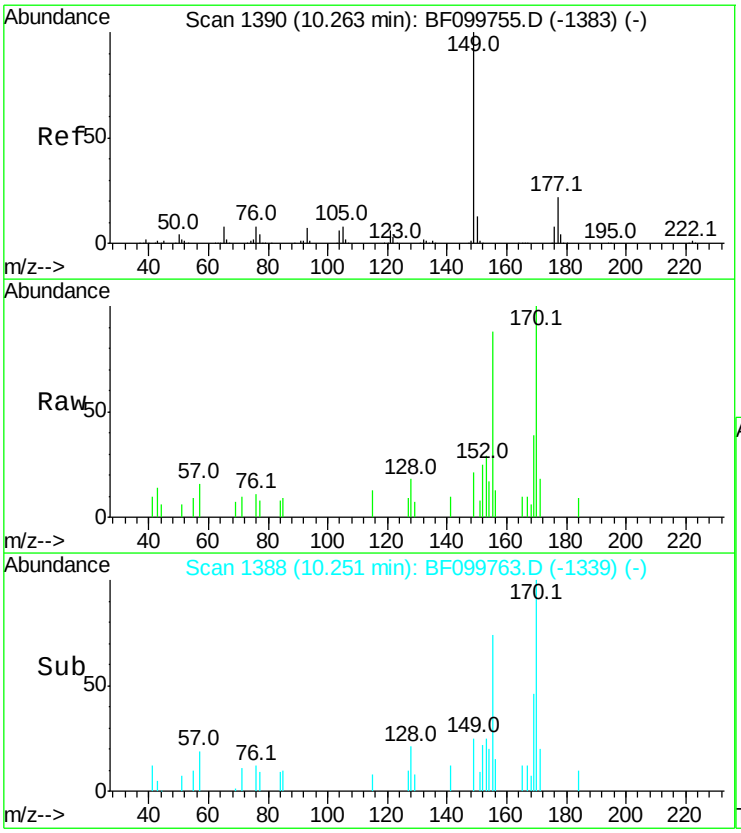
#57
Fluorene
Concen: 2.830 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:166 Resp: 43986

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.8	119.8
167	14.5	10.6	16.0

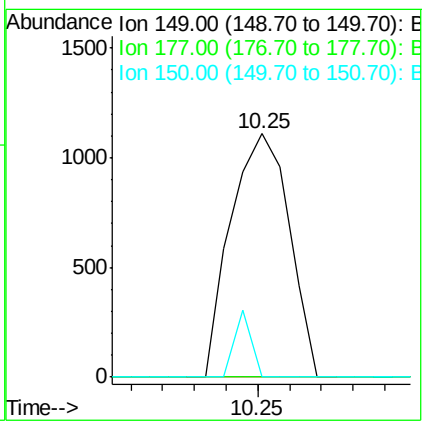


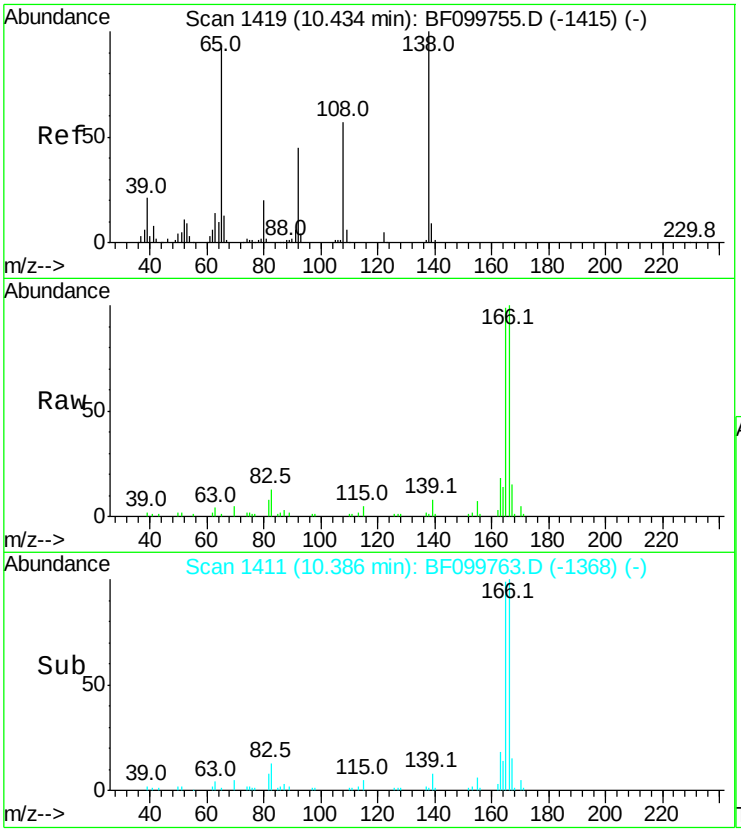


#59
Diethylphthalate
Concen: 0.085 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:149 Resp: 1413

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.1	24.1#
150	0.0	10.1	15.1#



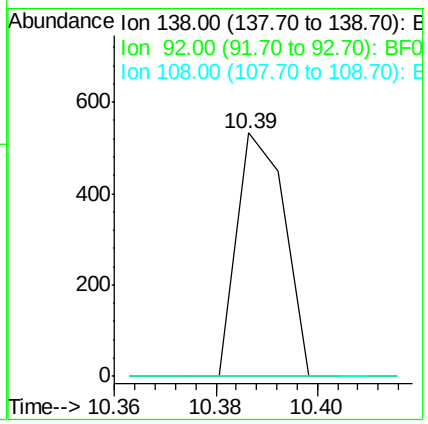


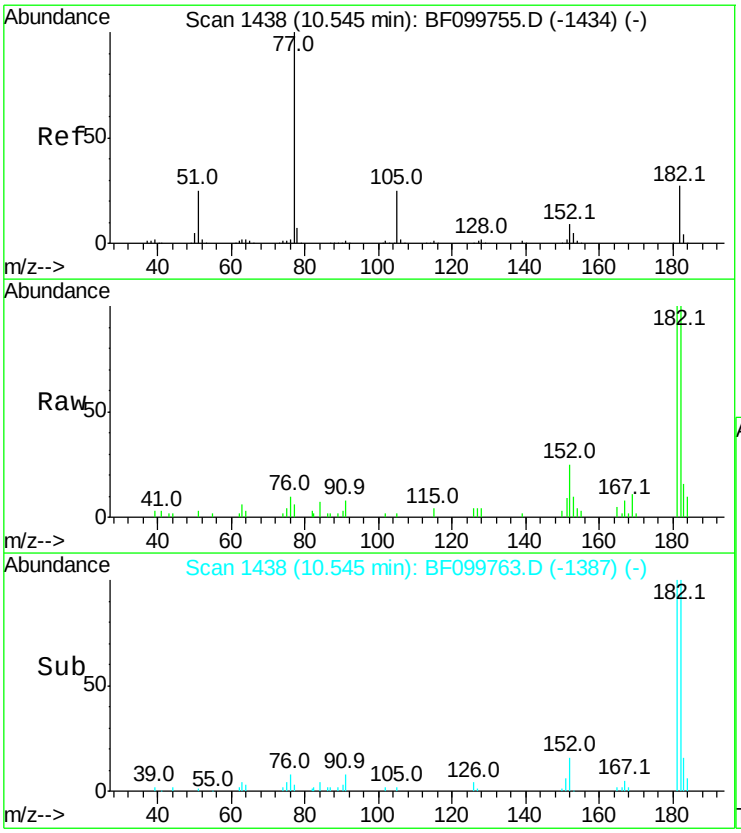
#61
4-Nitroaniline
Concen: 0.086 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.05 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:138 Resp: 346

Ion	Ratio	Lower	Upper
138	100		
92	0.0	30.2	70.2#
108	0.0	52.5	92.5#

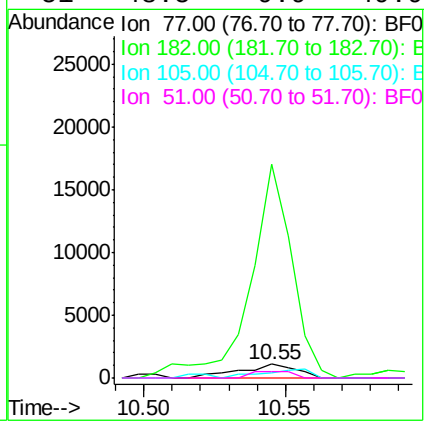


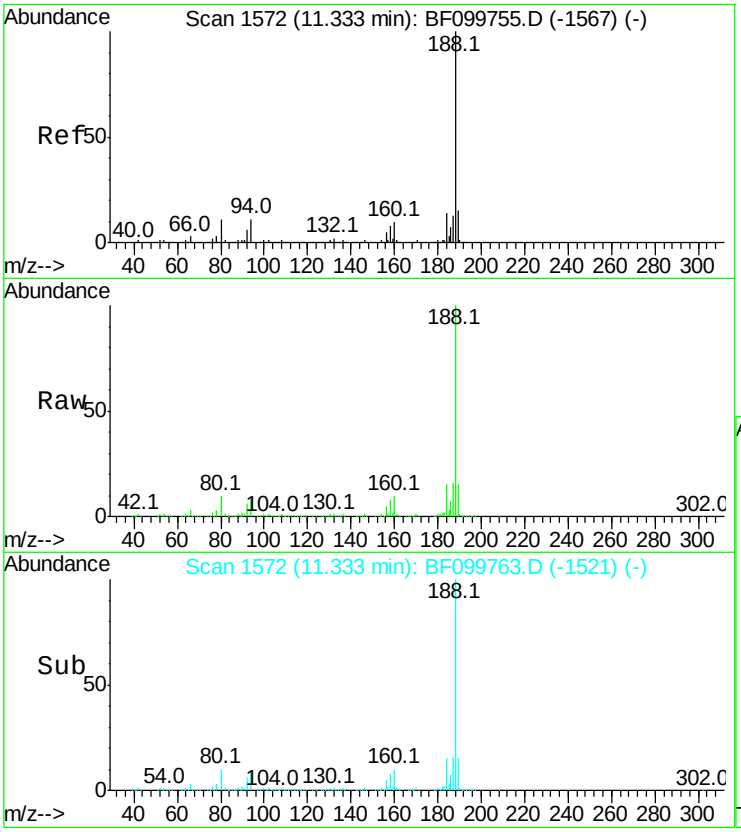


#62
Azobenzene
Concen: 0.114 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion: 77 Resp: 1596

Ion	Ratio	Lower	Upper
77	100		
182	1544.1	1.7	41.7#
105	37.7	3.0	43.0
51	48.5	9.9	49.9



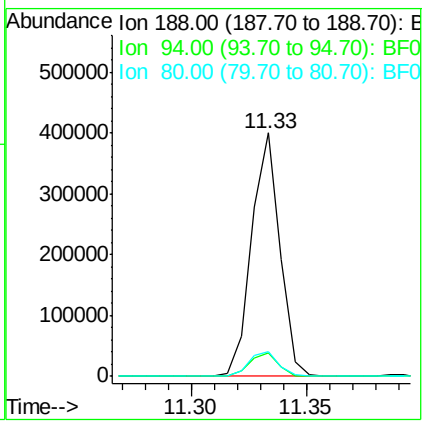


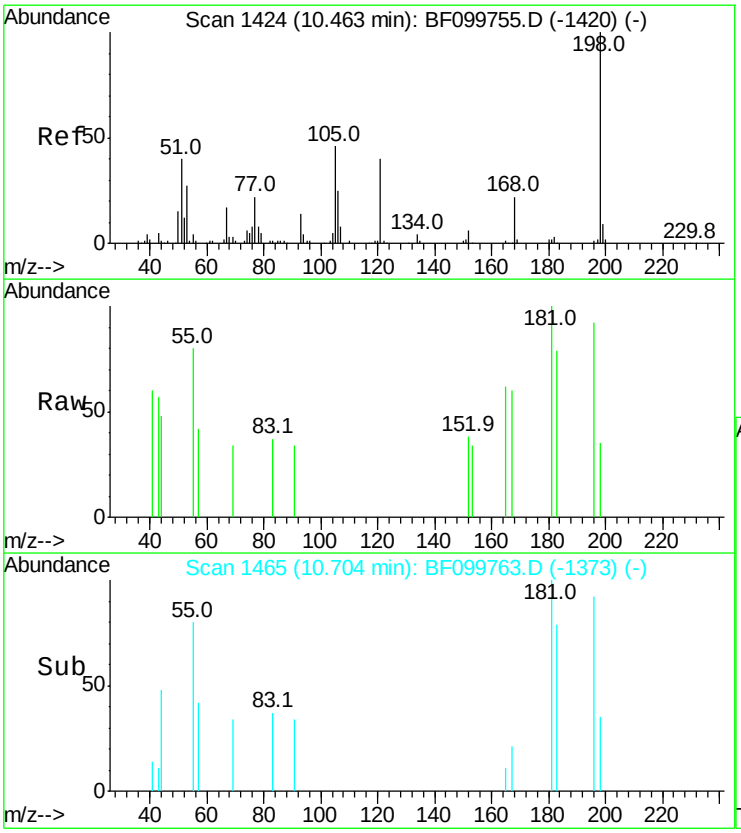
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:188 Resp: 342073

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	10.3	9.2	13.8

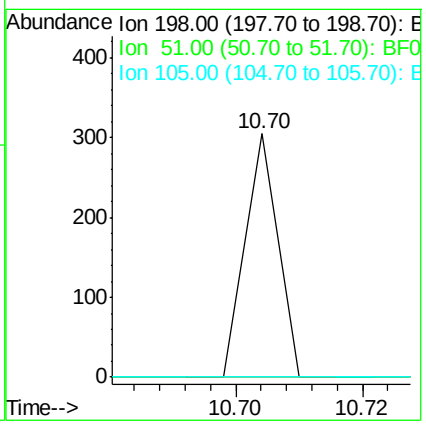


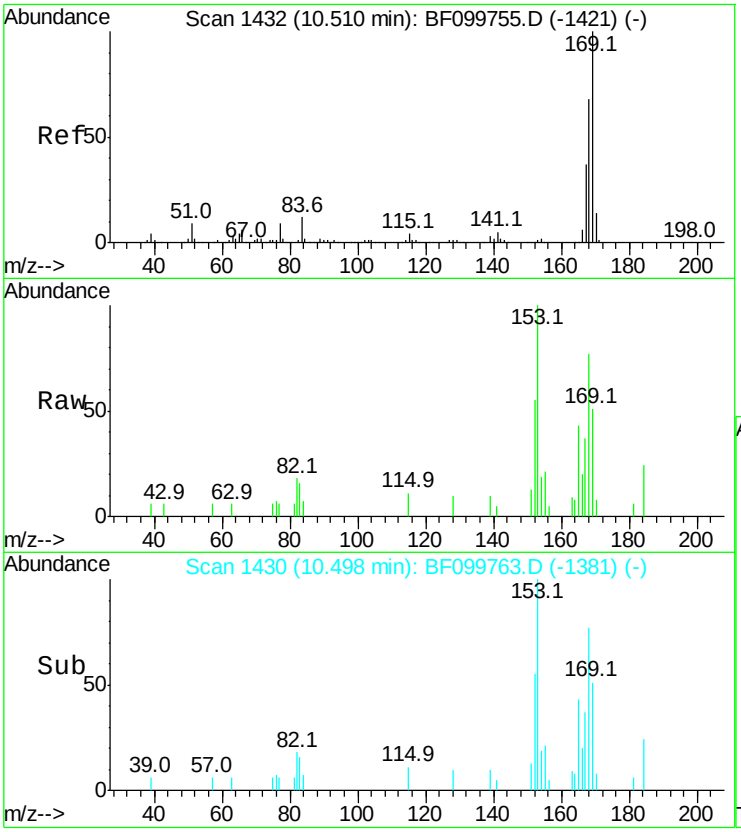


#64
4,6-Dinitro-2-methylphenol
Concen: 0.050 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.24 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:198 Resp: 108

Ion	Ratio	Lower	Upper
198	100		
51	0.0	37.7	77.7#
105	0.0	36.3	76.3#



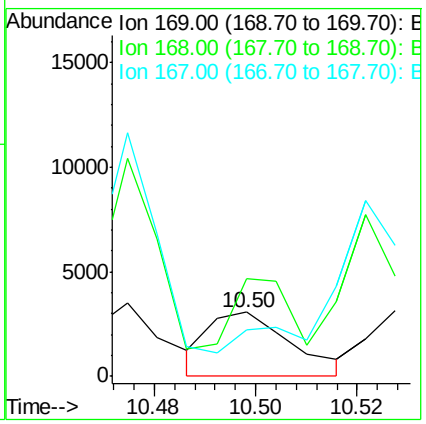


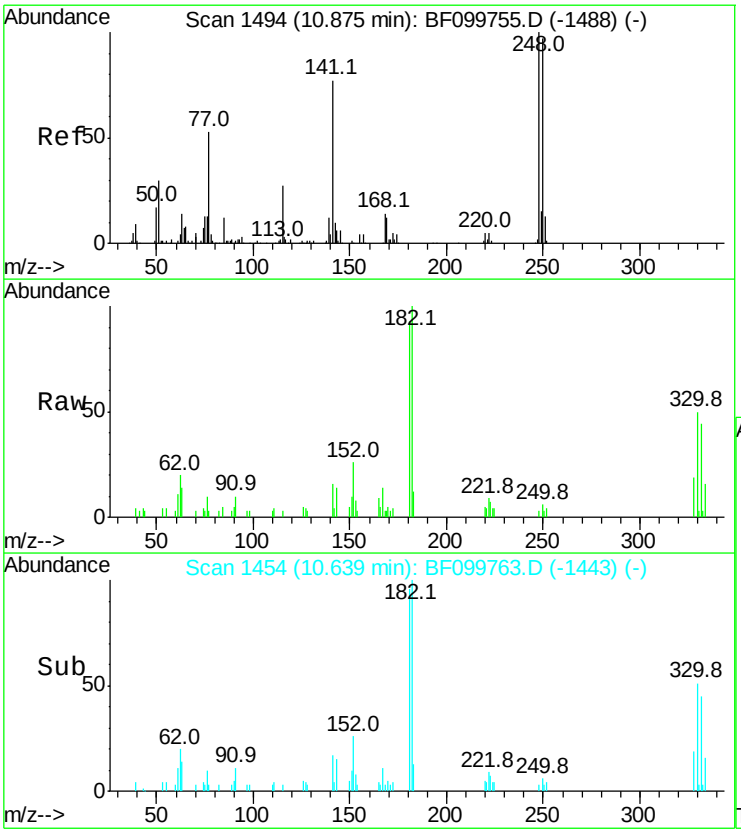
#65
n-Nitrosodiphenylamine
Concen: 0.275 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:169 Resp: 3467

Ion	Ratio	Lower	Upper
169	100		
168	152.4	54.4	81.6#
167	73.6	29.8	44.6#

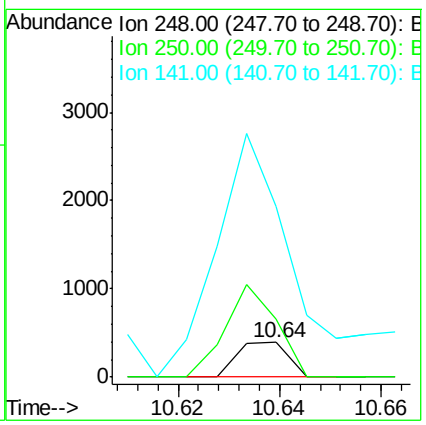


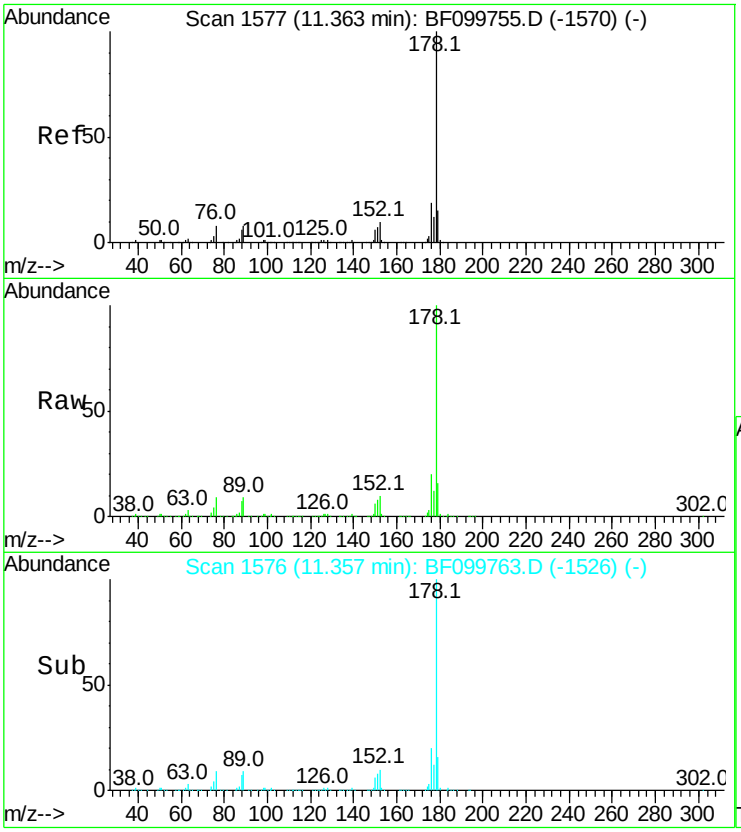


#66
4-Bromophenyl-phenylether
Concen: 0.076 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:248 Resp: 274

Ion	Ratio	Lower	Upper
248	100		
250	246.2	76.9	115.3#
141	492.6	74.4	111.6#



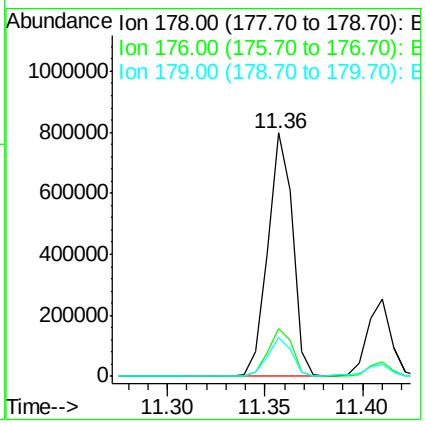


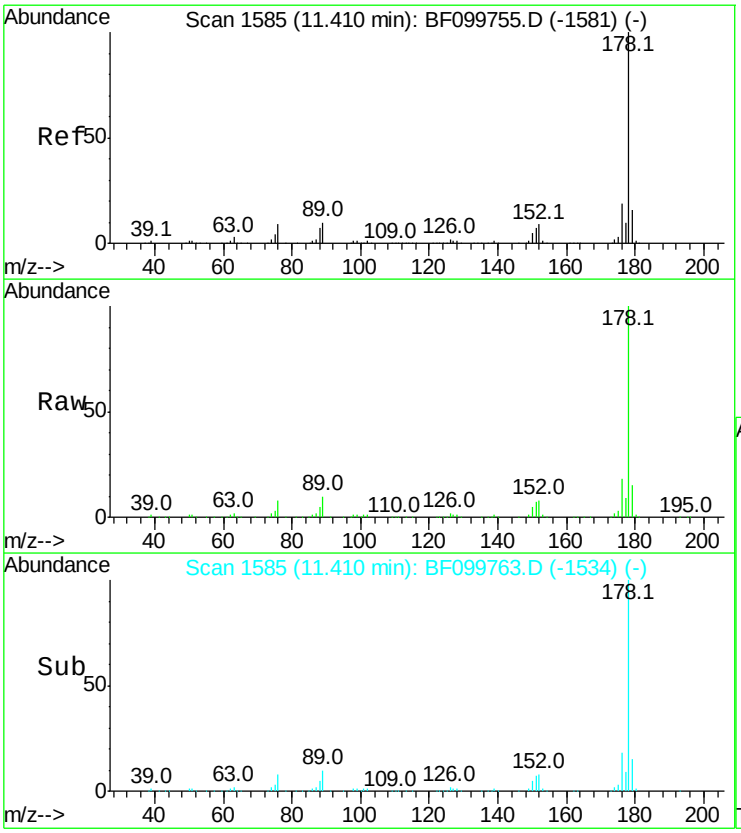
#70
Phenanthrene
Concen: 36.370 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:178 Resp: 702113

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	13.0	19.6

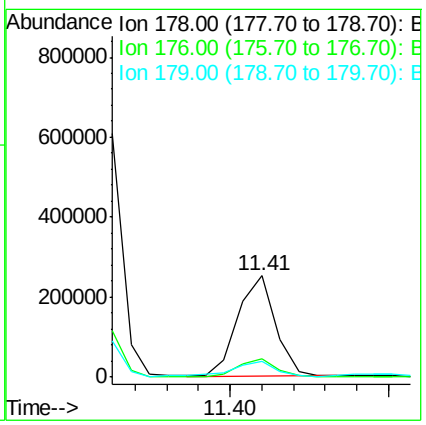


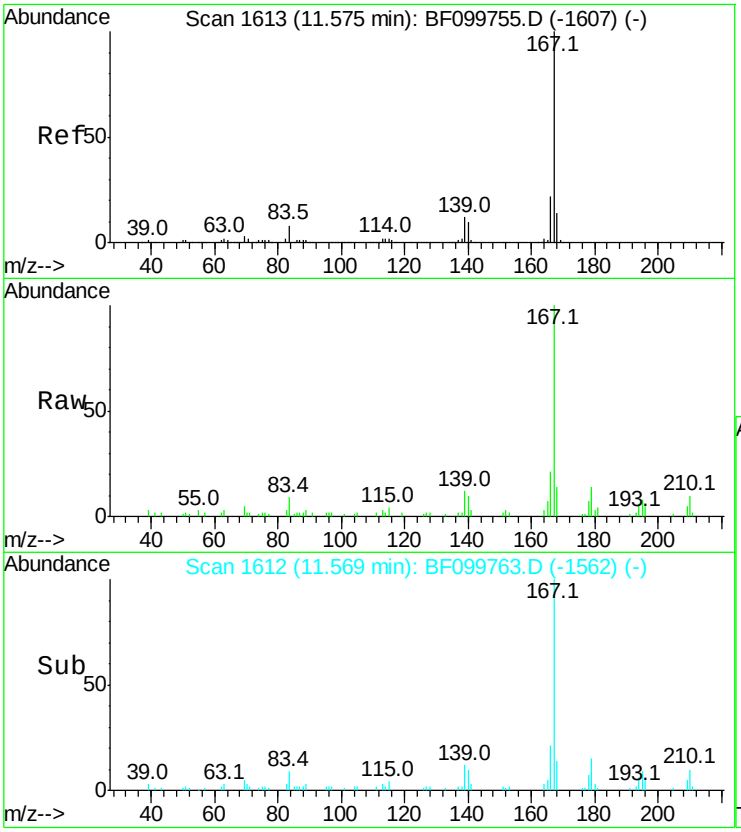


#71
Anthracene
Concen: 10.570 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:178 Resp: 207126

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.2
179	15.3	12.6	19.0



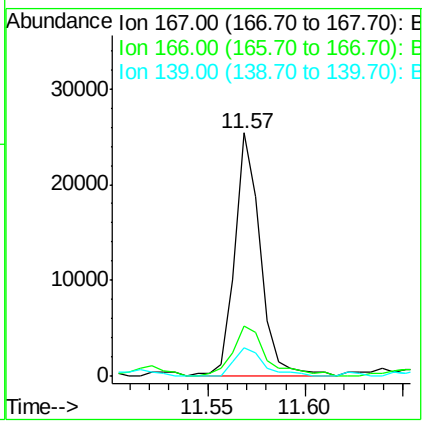


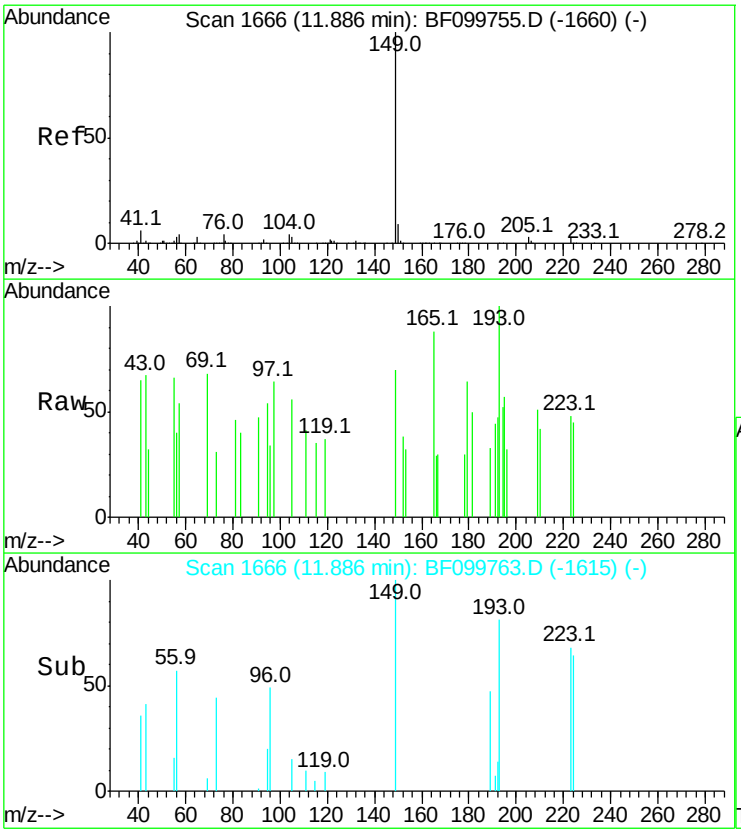
#72
Carbazole
Concen: 1.254 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:167 Resp: 23113

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.6	26.4
139	11.7	10.9	16.3

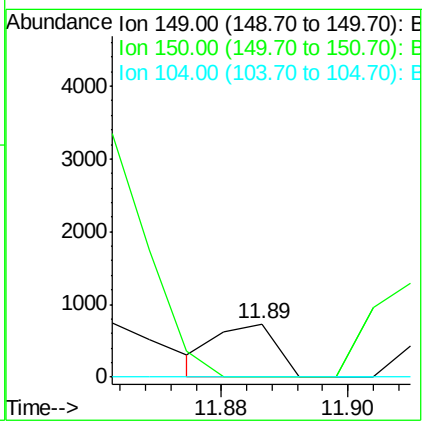


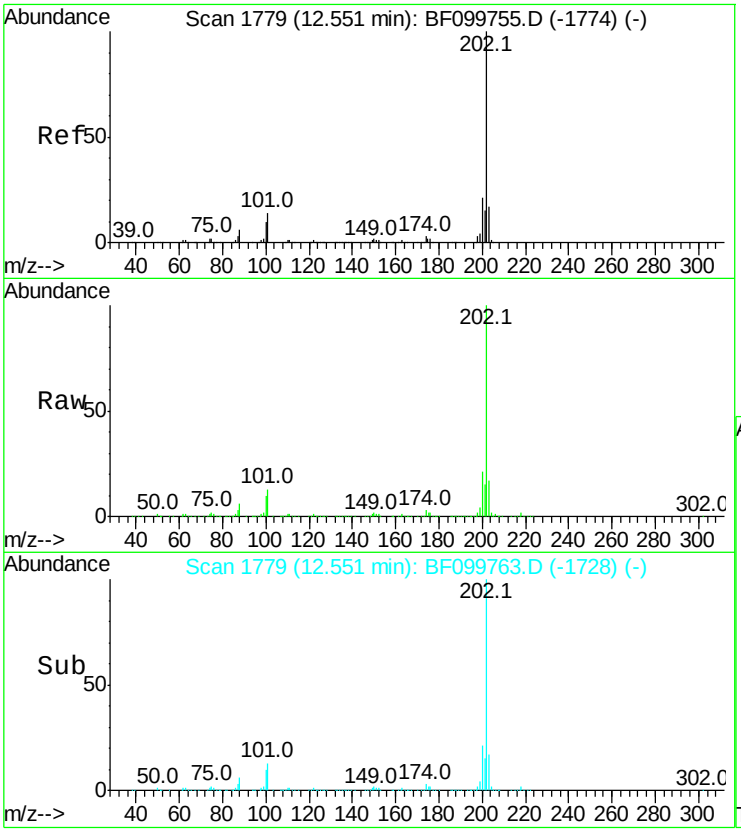


#73
Di-n-butylphthalate
Concen: 0.020 ng
RT: 11.89 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:149 Resp: 479

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.8	11.6#
104	0.0	3.8	5.8#



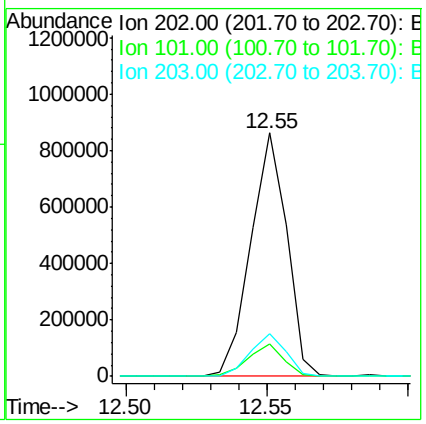


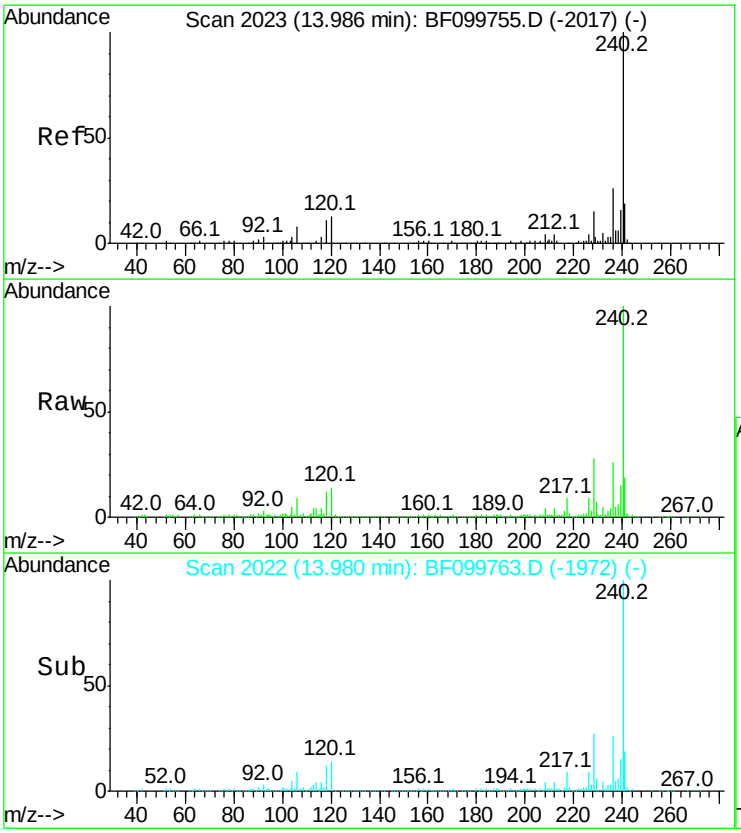
#74
Fluoranthene
Concen: 38.134 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:202 Resp: 765056

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	34.1
203	17.4	0.0	38.1

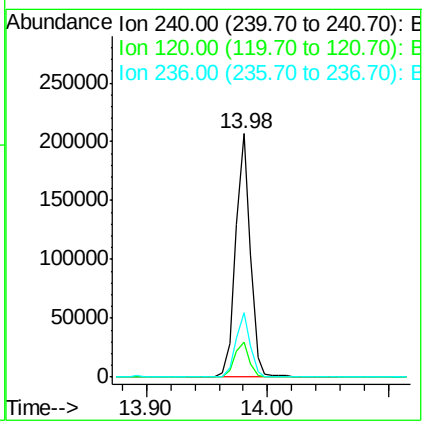


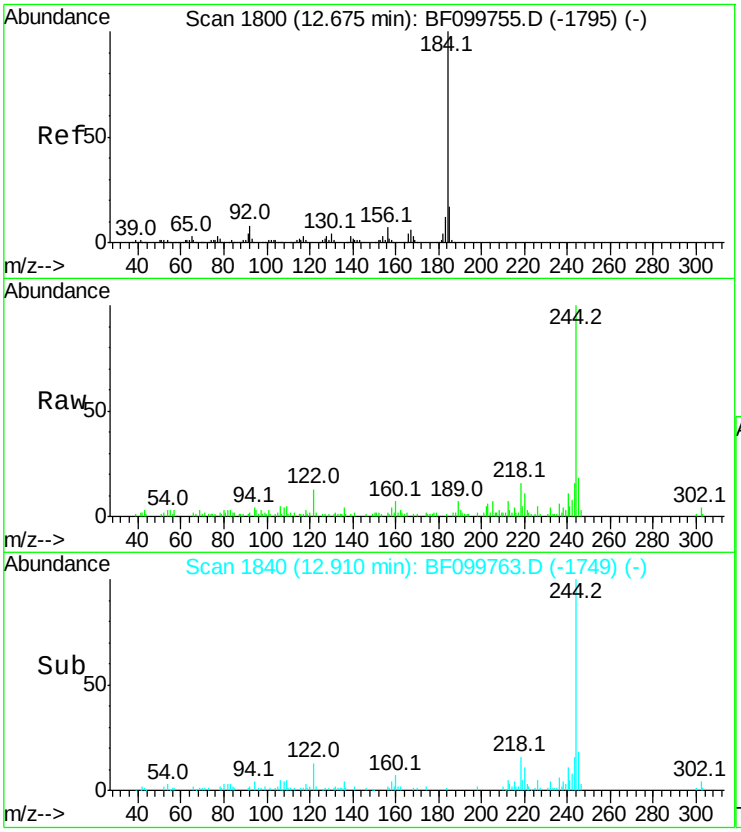


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:240 Resp: 175644

Ion	Ratio	Lower	Upper
240	100		
120	14.1	9.5	14.3
236	26.2	20.7	31.1



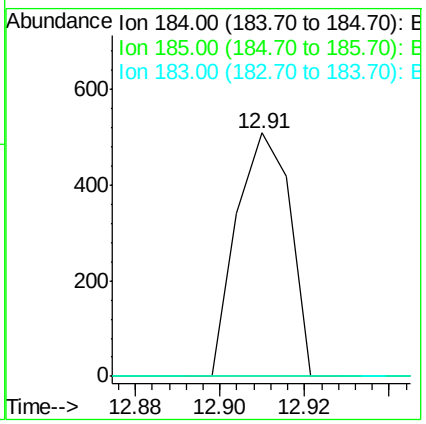


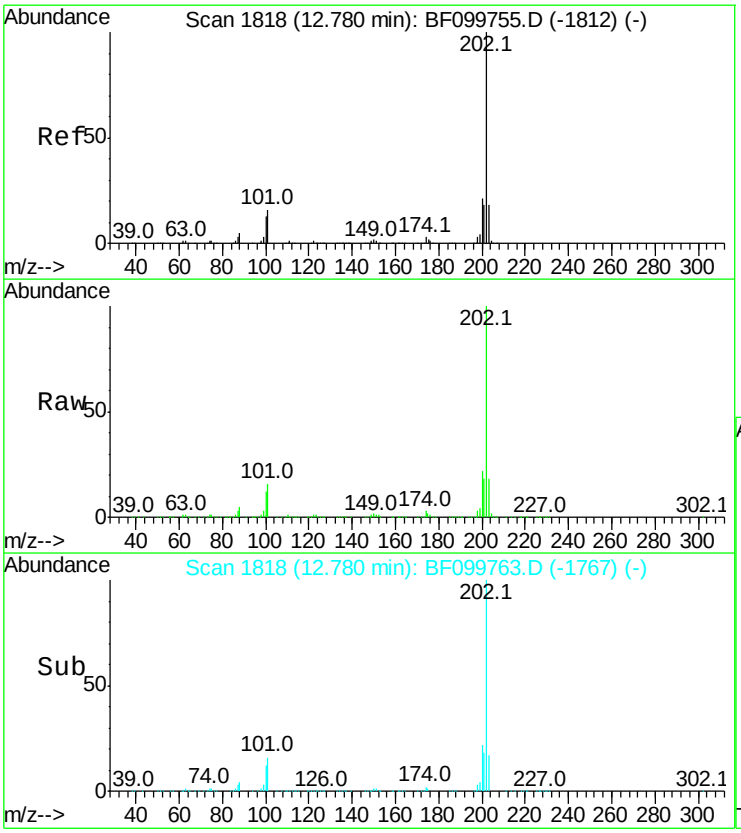
#76
Benzidine
Concen: 0.058 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.24 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:184 Resp: 448

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

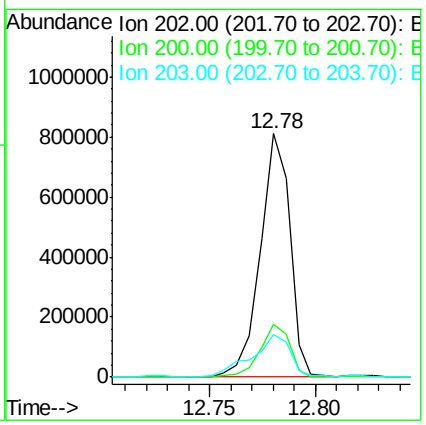


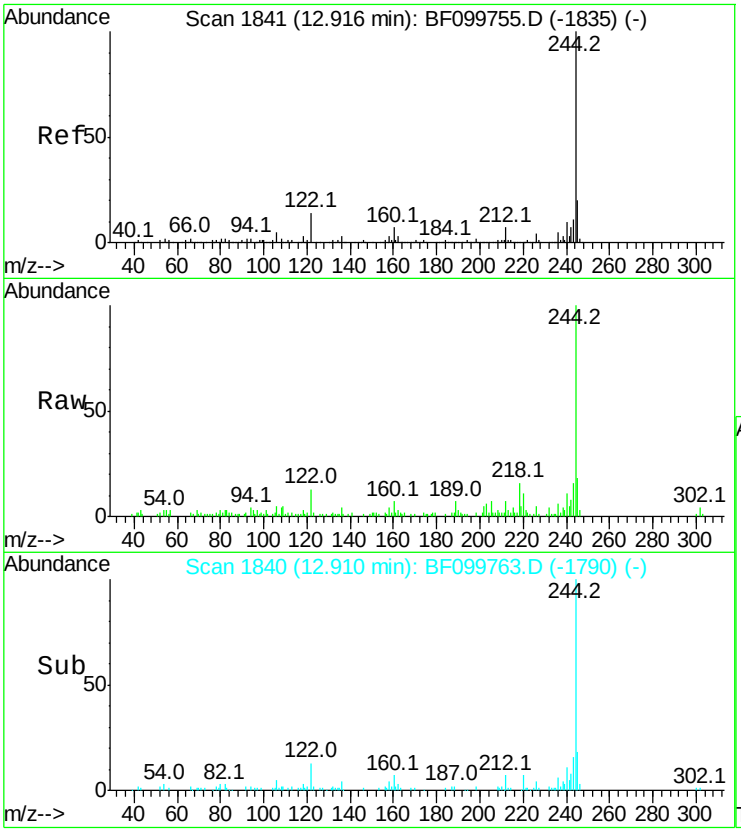


#77
Pyrene
Concen: 59.426 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:202 Resp: 793681

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5



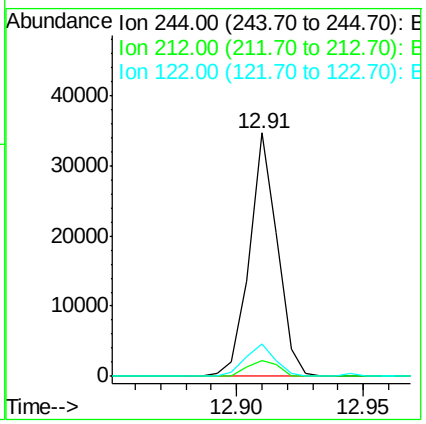


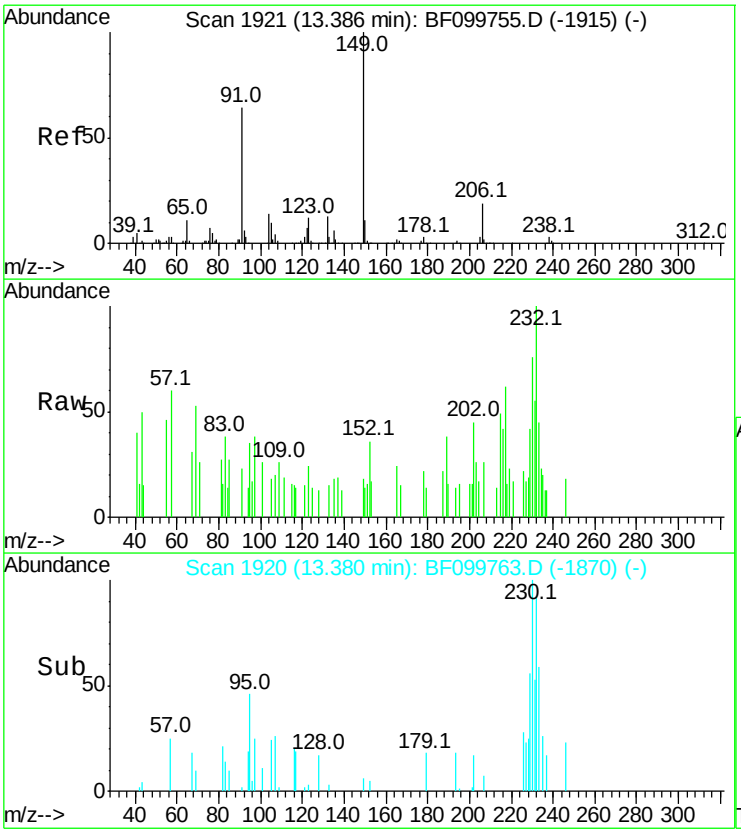
#78
Terphenyl-d14
Concen: 3.316 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument : BNA_F
ClientSampleId : RBR251373-78DL

Tgt Ion:244 Resp: 26655

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.3	11.0	16.4

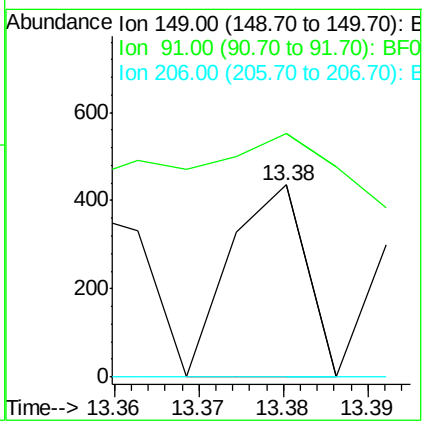


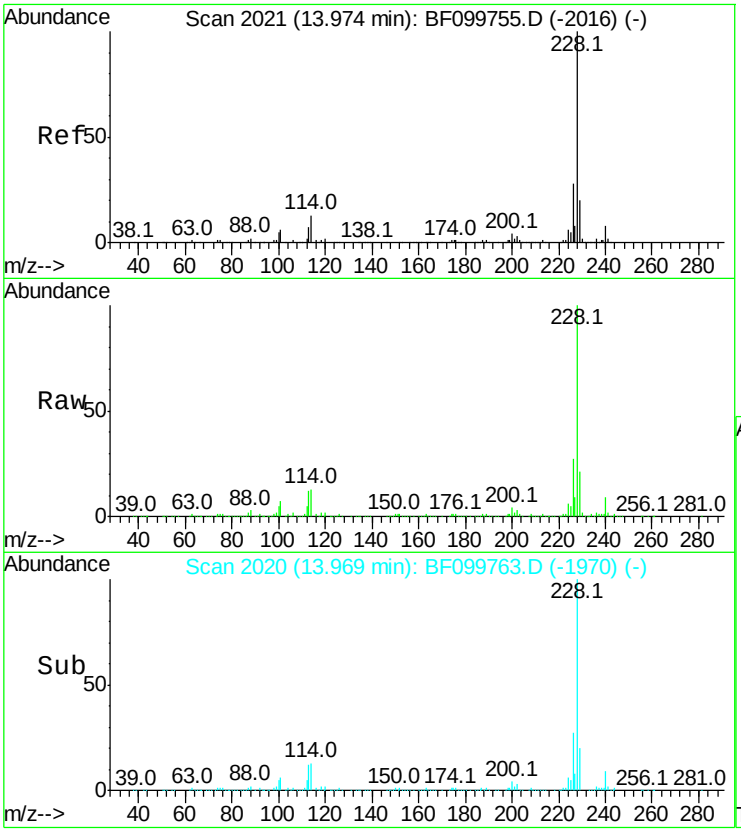


#79
Butylbenzylphthalate
Concen: 0.041 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:149 Resp: 270

Ion	Ratio	Lower	Upper
149	100		
91	126.9	56.8	85.2#
206	0.0	14.1	21.1#



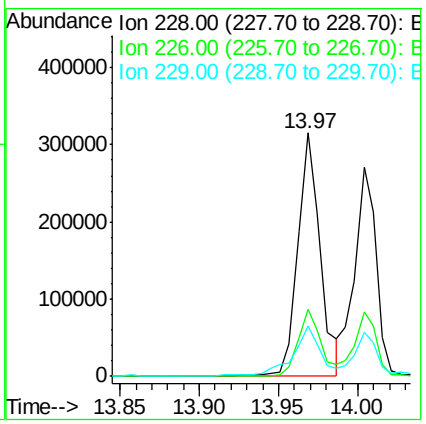


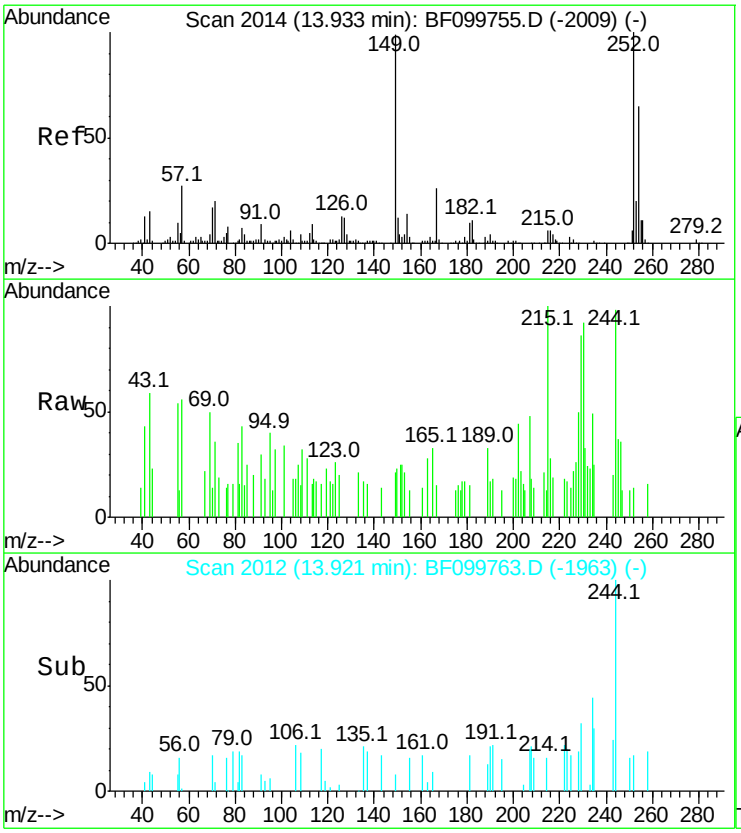
#80
Benzo(a)anthracene
Concen: 27.704 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:228 Resp: 308475

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.5	15.8	23.6

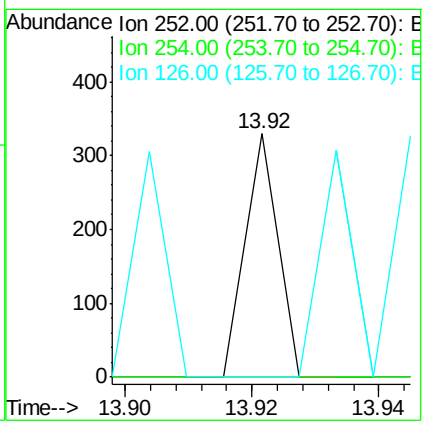


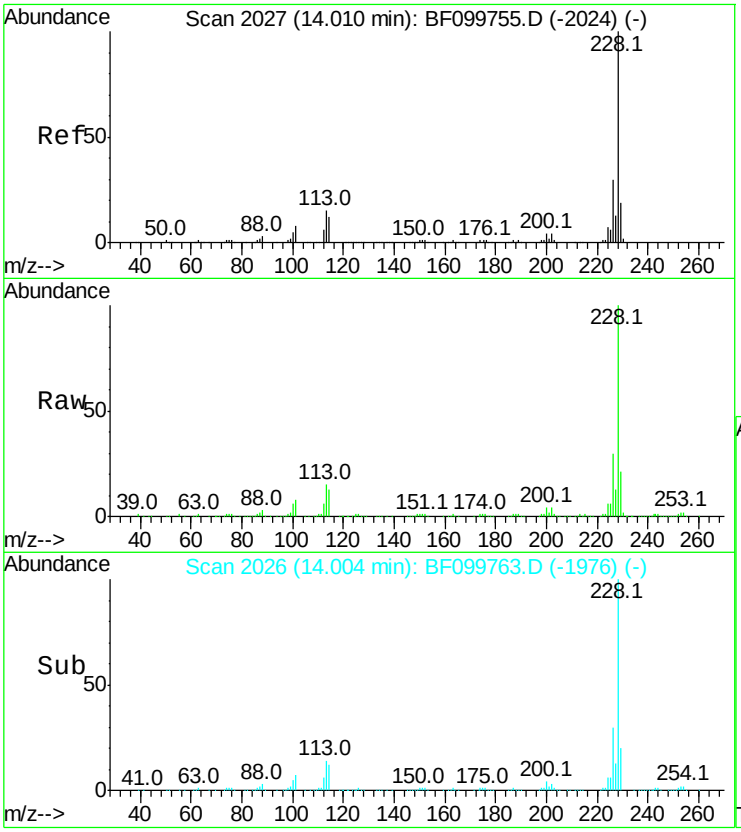


#81
3,3'-Dichlorobenzidine
Concen: 0.029 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:252 Resp: 116

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.4	75.6#
126	0.0	11.3	16.9#



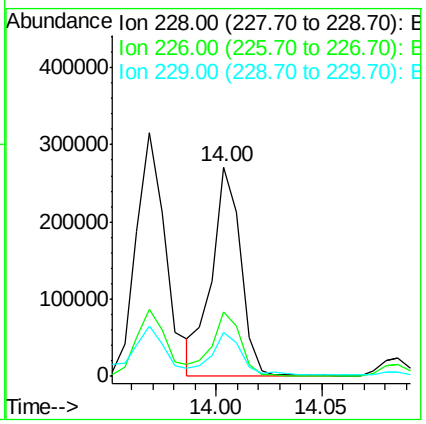


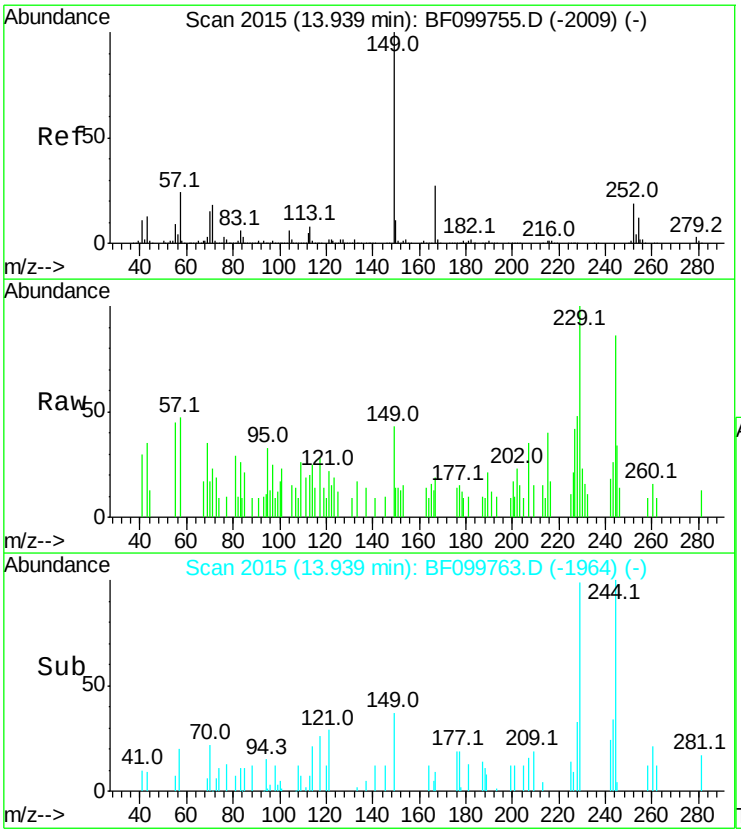
#82
Chrysene
Concen: 24.663 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:228 Resp: 258176

Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	20.9	16.2	24.4

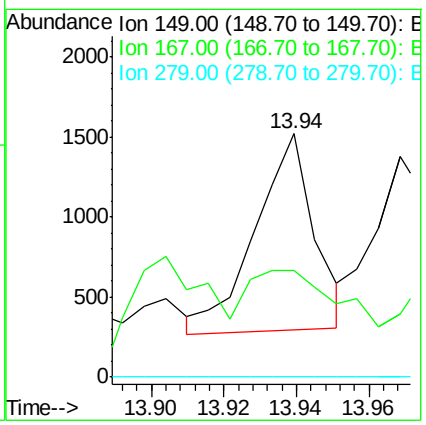


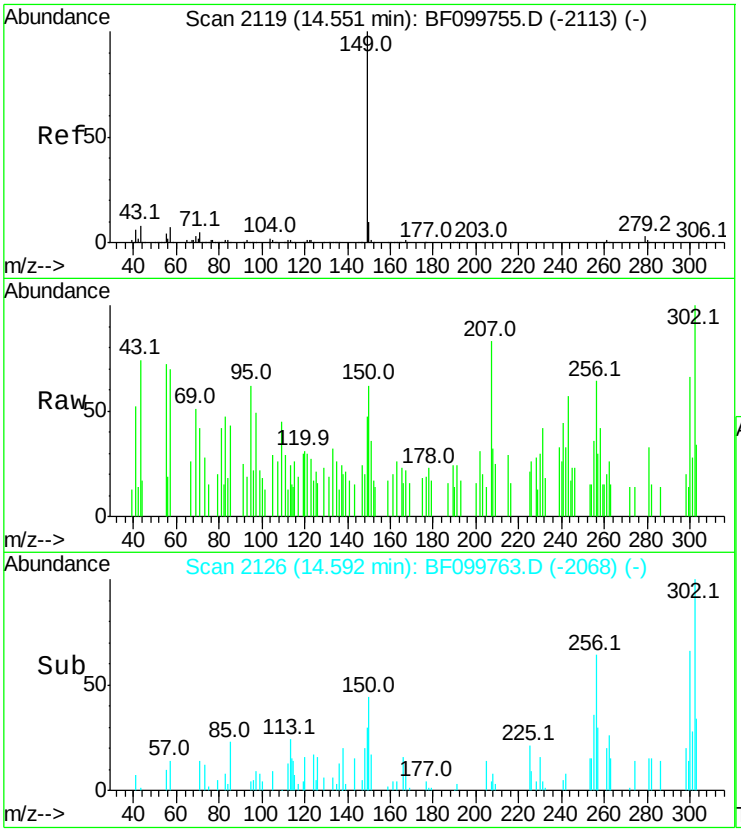


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.150 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:149 Resp: 1381

Ion	Ratio	Lower	Upper
149	100		
167	43.7	21.3	31.9#
279	0.0	3.0	4.4#



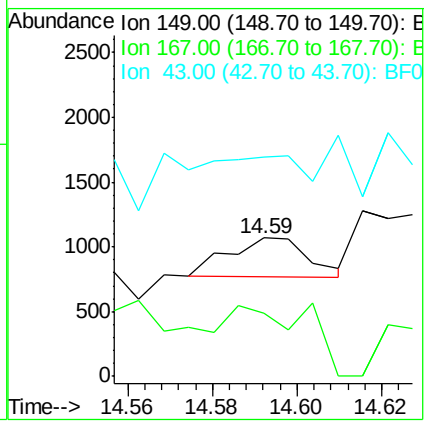


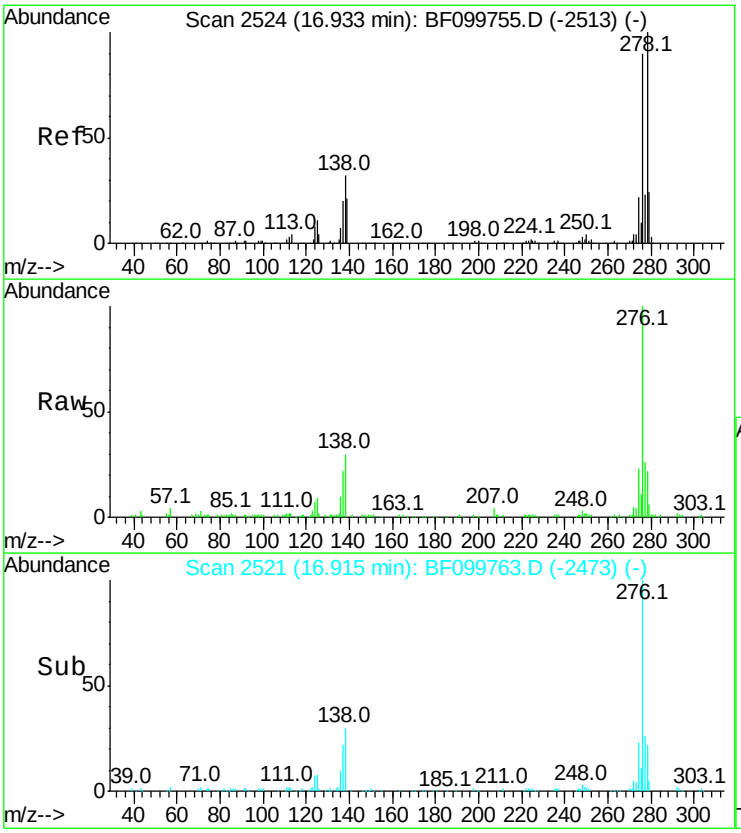
#84
Di-n-octyl phthalate
Concen: 0.025 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.04 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:149 Resp: 399

Ion	Ratio	Lower	Upper
149	100		
167	173.7	1.2	1.8#
43	0.0	8.4	12.6#

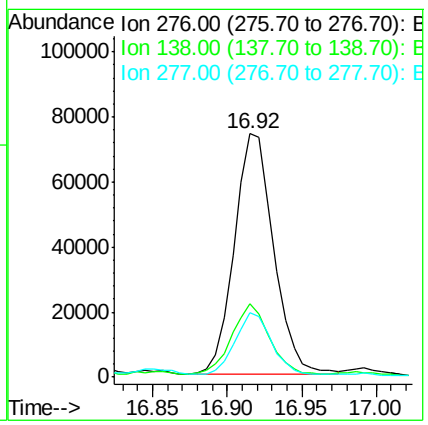


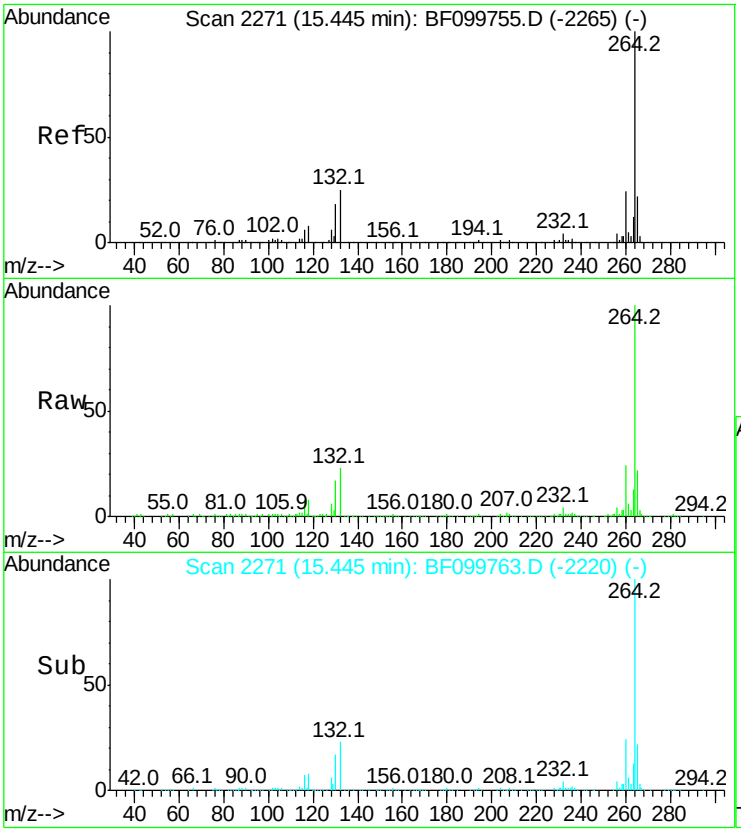


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.127 ng
RT: 16.92 min Scan# 2521
Delta R.T. -0.02 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:276 Resp: 135755

Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.0	37.6
277	24.8	20.1	30.1



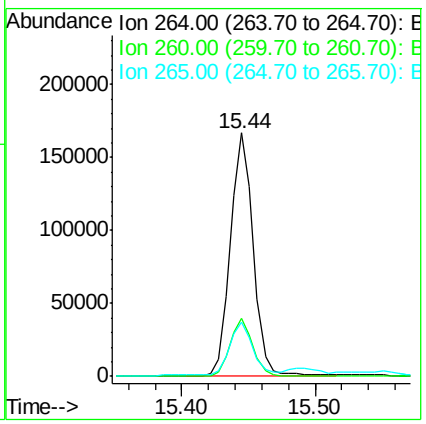


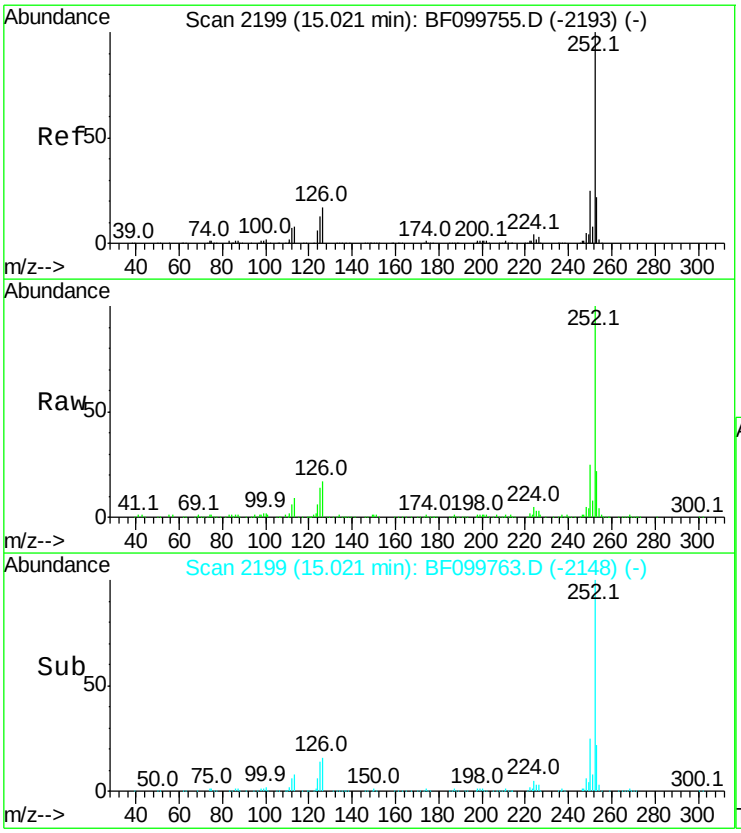
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:264 Resp: 201886

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.4	17.5	26.3

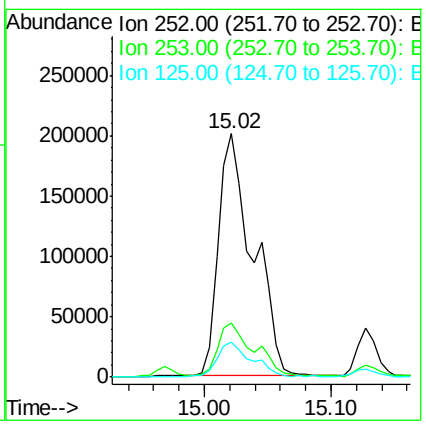


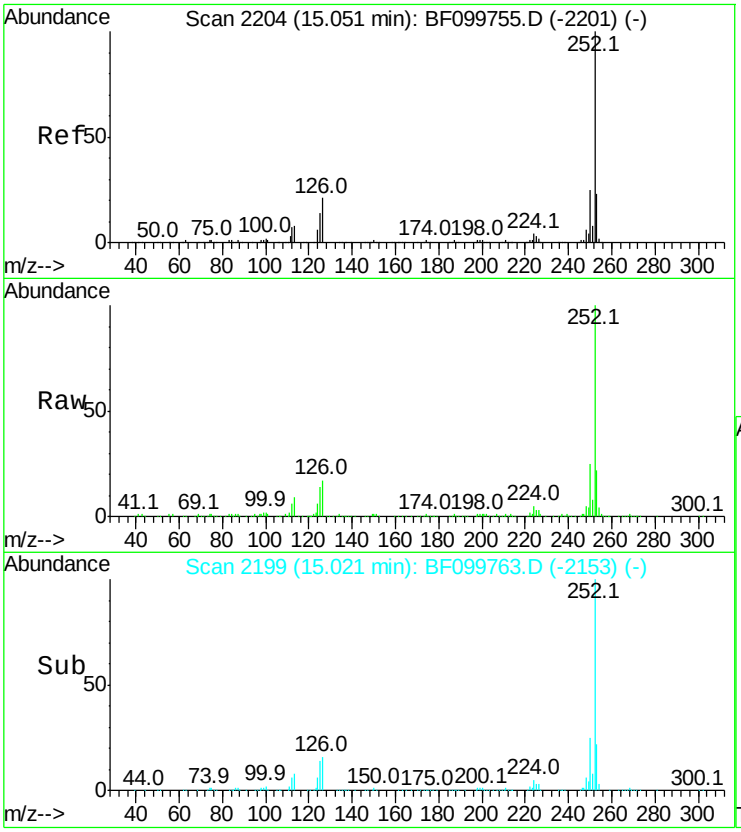


#87
Benzo(b)fluoranthene
Concen: 29.965 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:252 Resp: 382002

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	14.1	9.0	13.6#



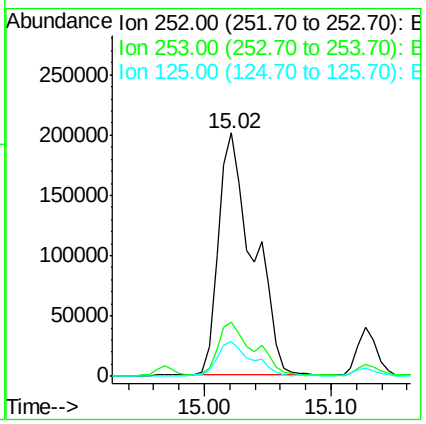


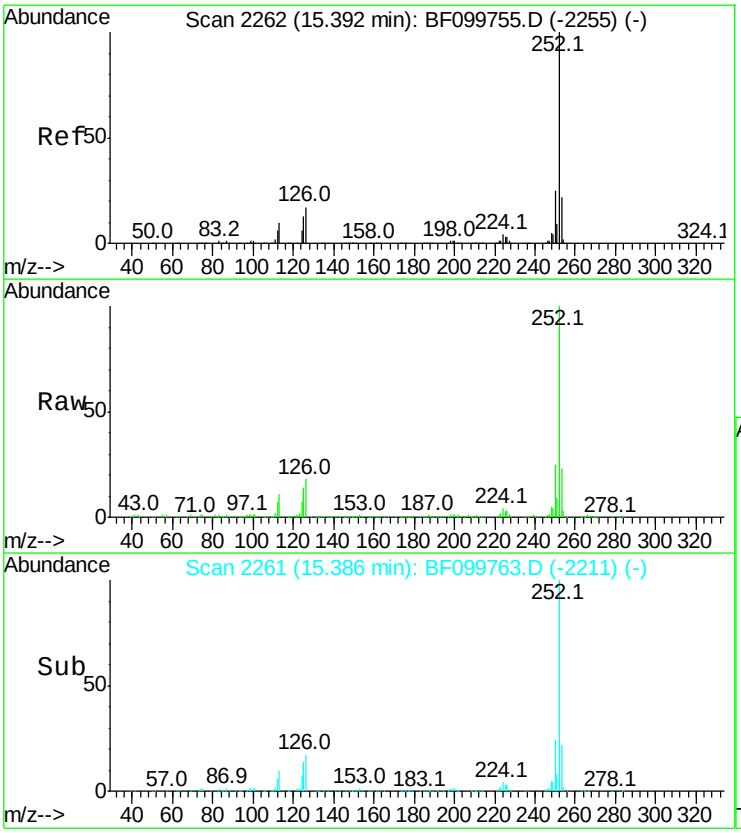
#88
Benzo(k)fluoranthene
Concen: 31.778 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.03 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:252 Resp: 382002

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	14.1	10.2	15.2

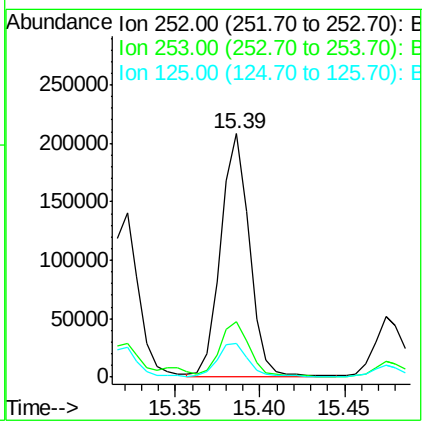


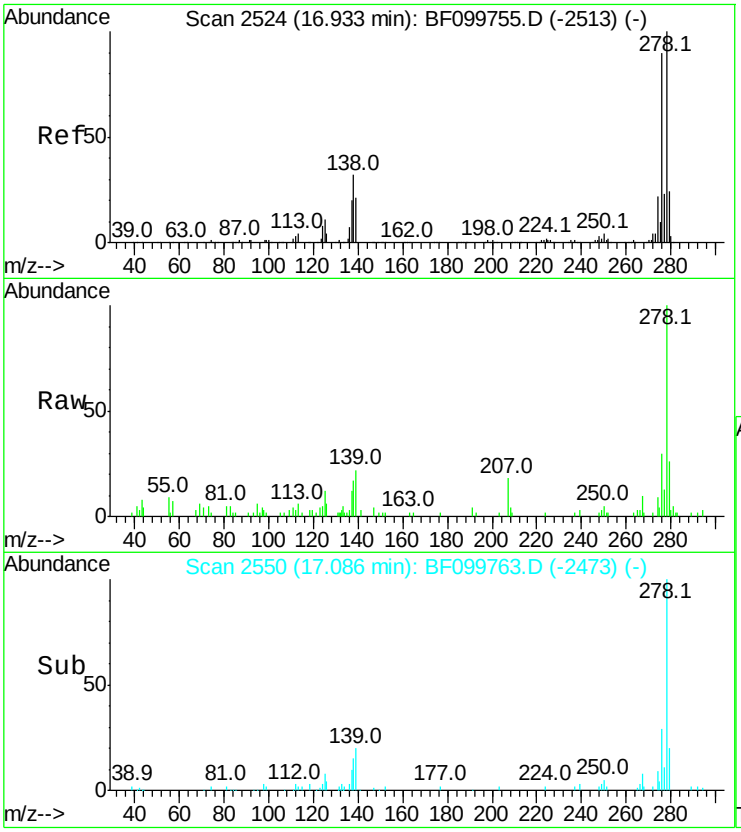


#89
Benzo(a)pyrene
Concen: 21.253 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:252 Resp: 243382

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.8	9.8	14.6



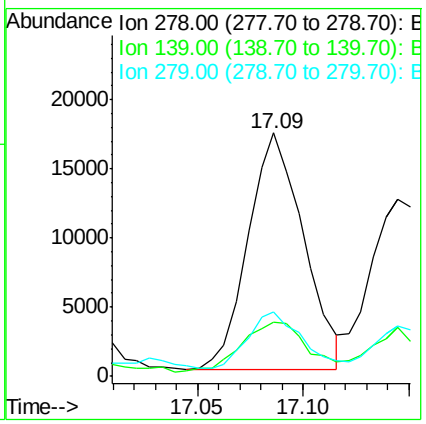


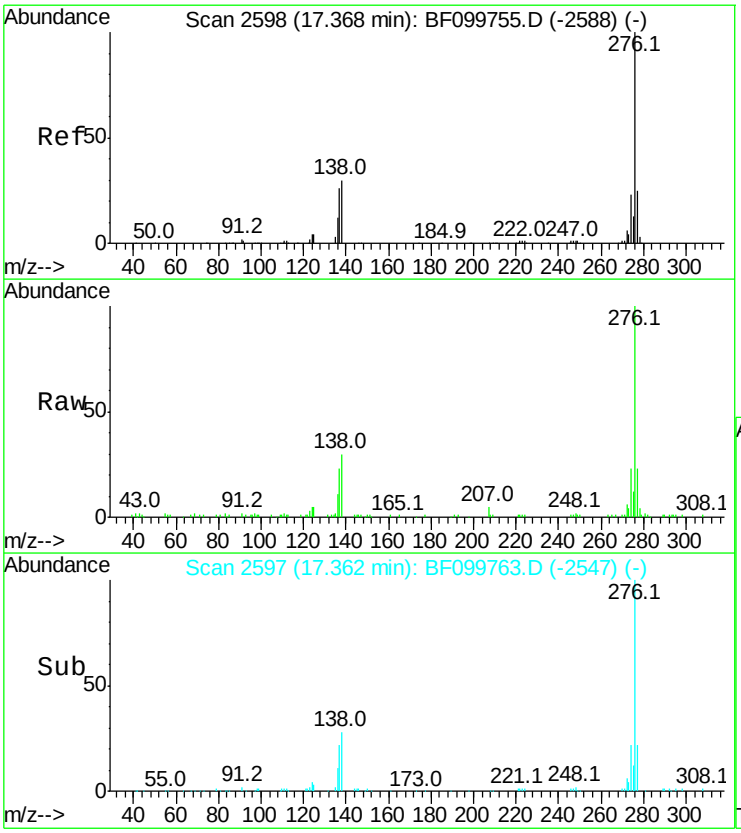
#90
Dibenzo(a,h)anthracene
Concen: 3.061 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.15 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Instrument :
BNA_F
ClientSampleId :
RBR251373-78DL

Tgt Ion:278 Resp: 31145

Ion	Ratio	Lower	Upper
278	100		
139	22.0	15.9	23.9
279	26.4	19.0	28.4





#91
Benzo(g,h,i)perylene
Concen: 13.927 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BF099763.D
Acq: 23 Oct 2017 17:13

Tgt Ion:276 Resp: 138646

Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	29.6	21.8	32.8