Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111329.D
Acq On : 12 Dec 2018 18:48
Operator : JU/SJ
Sample : J6241-55
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Time: Dec 13 01:19:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	326519	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1321235	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	560934	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	775122	20.00	ng		0.00
76) Chrysene-d12	13.94	240	547298	20.00	ng		-0.01
87) Perylene-d12	15.38	264	456612	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	920287	47.66	ng		0.00
7) Phenol-d6	6.42	99	749104	28.77	ng		-0.02
23) Nitrobenzene-d5	7.36	82	2068139	88.23	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	352500	71.29	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	3305453	94.61	ng		0.00
79) Terphenyl-d14	12.90	244	2011551	80.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	143	0.015	ng	#	1
3) Pyridine	3.26	79	110	0.005	ng	#	6
4) n-Nitrosodimethylamine	3.19	42	124	0.011	ng	#	1
6) Aniline	6.43	93	3662	0.116	ng	#	1
8) 2-Chlorophenol	6.57	128	735	0.031	ng	#	1
9) Benzaldehyde	6.33	77	1598	Below Cal			83
10) Phenol	6.43	94	128674	4.363	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	2420	0.104	ng	#	1
12) 1,3-Dichlorobenzene	6.80	146	1830	0.071	ng	#	51
13) 1,4-Dichlorobenzene	6.80	146	1830	0.070	ng	#	87
14) 1,2-Dichlorobenzene	6.80	146	1830	0.076	ng		89
15) Benzyl Alcohol	6.95	79	36265	1.819	ng	#	34
16) 2,2'-oxybis(1-Chloropropan	7.10	45	832	0.019	ng		72
17) 2-Methylphenol	6.93	107	1637	0.085	ng	#	23
18) Hexachloroethane	7.28	117	128	0.013	ng	#	6
19) n-Nitroso-di-n-propylamine	7.36	70	273925	15.834	ng	#	79
20) 3+4-Methylphenols	7.20	107	4331	0.189	ng	#	63
22) Acetophenone	7.19	105	2117	0.069	ng	#	66
24) Nitrobenzene	7.35	77	5947	0.246	ng	#	32
25) Isophorone	7.36	82	2038980	51.207	ng	#	64
27) 2,4-Dimethylphenol	7.86	122	478	0.027	ng		85
28) bis(2-Chloroethoxy)methane	7.83	93	108	0.004	ng	#	1
31) Naphthalene	8.09	128	2323	0.038	ng	#	79
32) Benzoic acid	7.89	122	169	0.011	ng		98
33) 4-Chloroaniline	8.15	127	152	0.006	ng	#	45
35) Caprolactam	8.51	113	553	0.084	ng	#	1
36) 4-Chloro-3-methylphenol	8.64	107	1187	0.059	ng	#	20
37) 2-Methylnaphthalene	8.79	142	419	0.011	ng	#	24
38) 1-Methylnaphthalene	8.89	142	626	0.016	ng	#	81
46) 1,1'-Biphenyl	9.25	154	10986	0.230	ng		99
47) 2-Chloronaphthalene	9.27	162	125	0.003	ng	#	1
48) 2-Nitroaniline	9.36	65	395	0.033	ng	#	31
49) Acenaphthylene	9.68	152	2438	0.046	ng	#	1
50) Dimethylphthalate	9.54	163	145437	3.606	ng	#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111329.D
Acq On : 12 Dec 2018 18:48
Operator : JU/SJ
Sample : J6241-55
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TW-2

Quant Time: Dec 13 01:19:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) 2,6-Dinitrotoluene	9.83	165	74818	8.368	ng	#	30
52) Acenaphthene	9.86	154	2956	0.088	ng		93
53) 3-Nitroaniline	9.78	138	599	0.056	ng	#	25
54) 2,4-Dinitrophenol	10.11	184	247	0.070	ng	#	53
55) Dibenzofuran	10.03	168	2088	0.043	ng	#	41
56) 4-Nitrophenol	9.94	139	853	0.110	ng	#	1
57) 2,4-Dinitrotoluene	9.83	165	74818	6.529	ng	#	25
58) Fluorene	10.37	166	2922	0.084	ng	#	87
59) 2,3,4,6-Tetrachlorophenol	10.25	232	109	0.012	ng	#	1
60) Diethylphthalate	10.24	149	19343	0.476	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	985	0.057	ng	#	1
62) 4-Nitroaniline	10.39	138	718	0.070	ng	#	68
63) Azobenzene	10.53	77	2300	0.056	ng	#	20
65) 4,6-Dinitro-2-methylphenol	10.47	198	117	0.026	ng	#	1
66) n-Nitrosodiphenylamine	10.49	169	12238	0.444	ng	#	53
67) 4-Bromophenyl-phenylether	10.62	248	22798	2.642	ng	#	1
69) Atrazine	11.03	200	701	0.088	ng	#	1
71) Phenanthrene	11.33	178	2194	0.055	ng	#	28
72) Anthracene	11.38	178	3005	0.074	ng	#	27
73) Carbazole	11.52	167	1282	0.030	ng	#	1
74) Di-n-butylphthalate	11.87	149	11123	0.232	ng	#	80
75) Fluoranthene	12.75	202	32334	0.827	ng		85
77) Benzidine	12.62	184	828	0.080	ng	#	1
78) Pyrene	12.75	202	32142	0.761	ng	#	90
80) Butylbenzylphthalate	13.37	149	1626	0.080	ng	#	93
81) Benzo(a)anthracene	13.95	228	9103	0.297	ng	#	26
82) 3,3'-Dichlorobenzidine	13.87	252	355	0.031	ng	#	19
83) Chrysene	13.95	228	9457	0.303	ng	#	34
84) Bis(2-ethylhexyl)phthalate	13.94	149	17227	0.695	ng	#	98
85) Di-n-octyl phthalate	14.54	149	2373	0.058	ng	#	54
86) Indeno(1,2,3-cd)pyrene	16.78	276	1355	0.055	ng		95
88) Benzo(b)fluoranthene	14.96	252	2671	0.103	ng	#	1
89) Benzo(k)fluoranthene	14.96	252	2671	0.103	ng	#	1
90) Benzo(a)pyrene	15.32	252	2785	0.115	ng	#	1
91) Dibenzo(a,h)anthracene	16.82	278	721	0.036	ng	#	1
92) Benzo(g,h,i)perylene	17.20	276	4208	0.209	ng	#	36

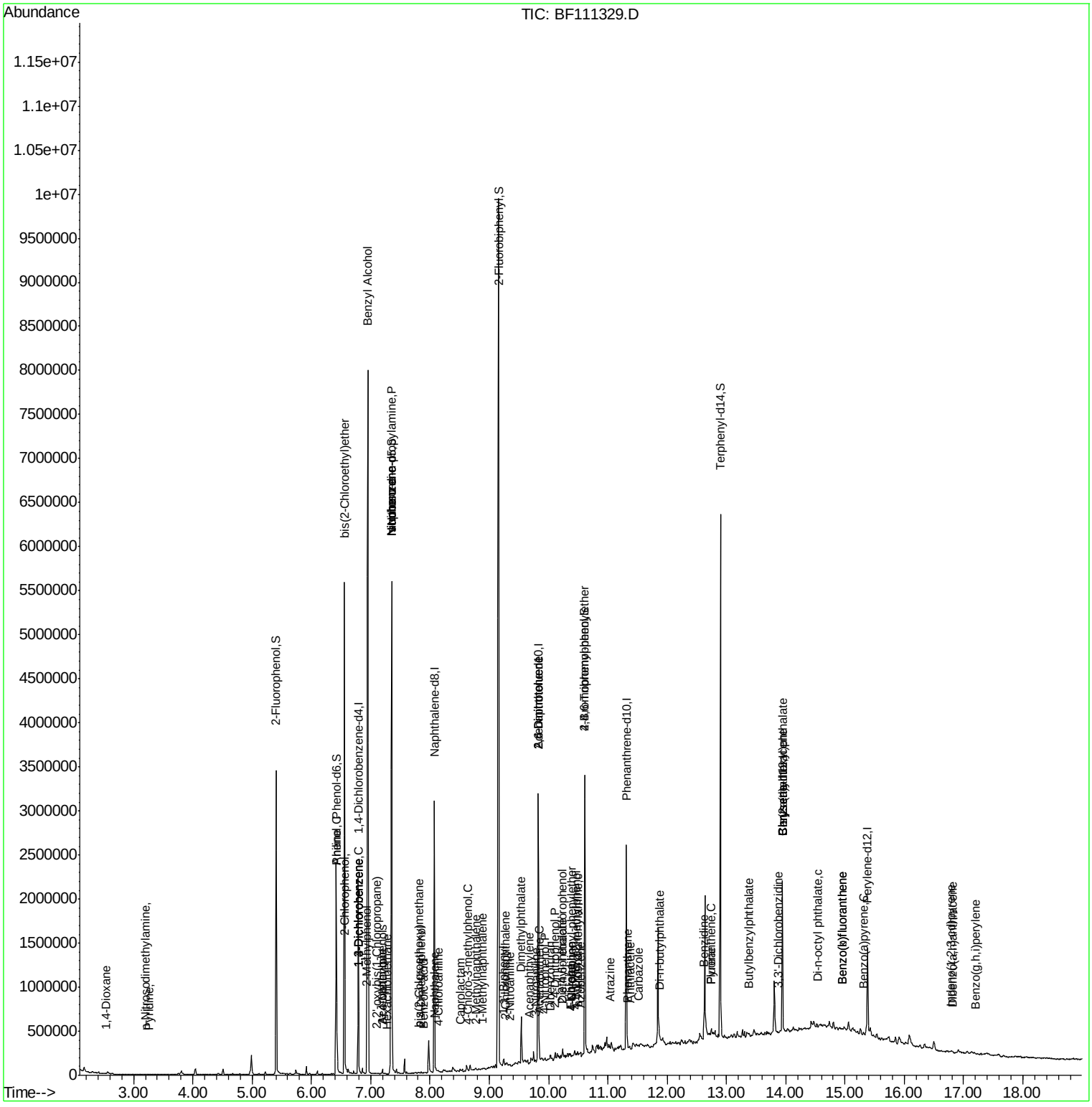
(#) = qualifier out of range (m) = manual integration (+) = signals summed

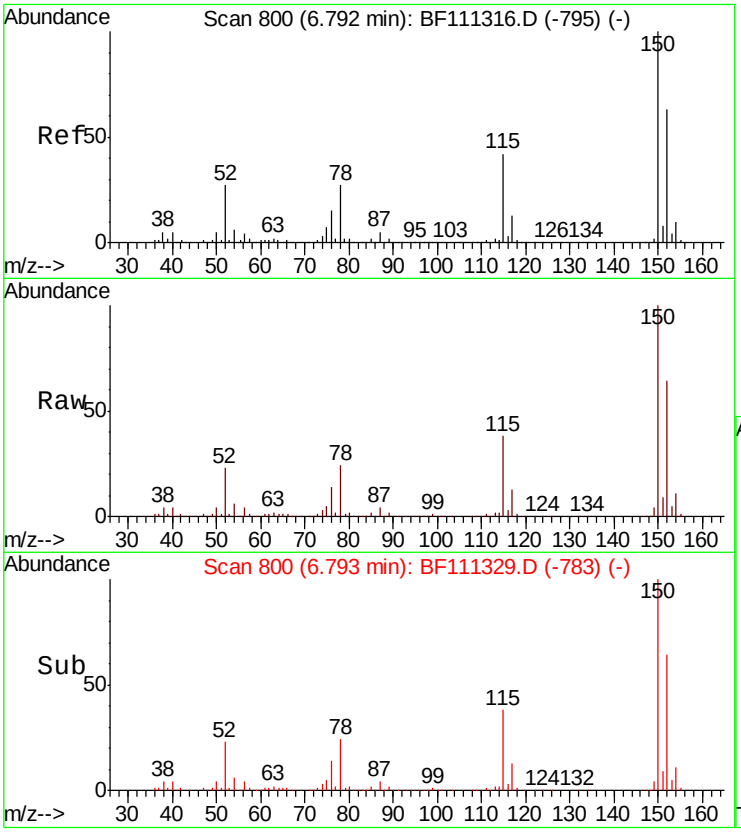
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111329.D
Acq On : 12 Dec 2018 18:48
Operator : JU/SJ
Sample : J6241-55
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TW-2

Quant Time: Dec 13 01:19:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration



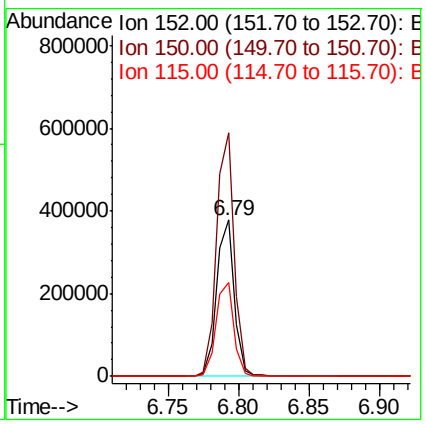


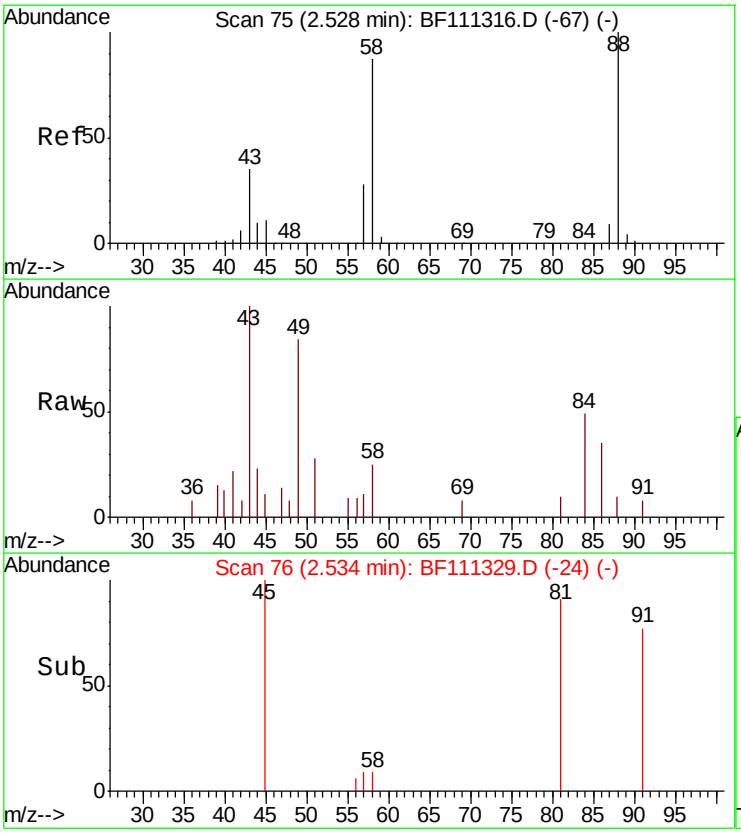
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 326519

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.6	189.8
115	59.6	50.7	76.1

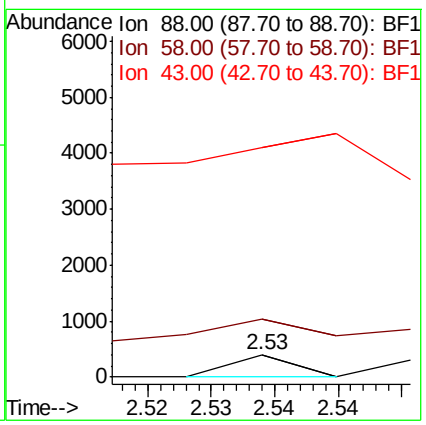


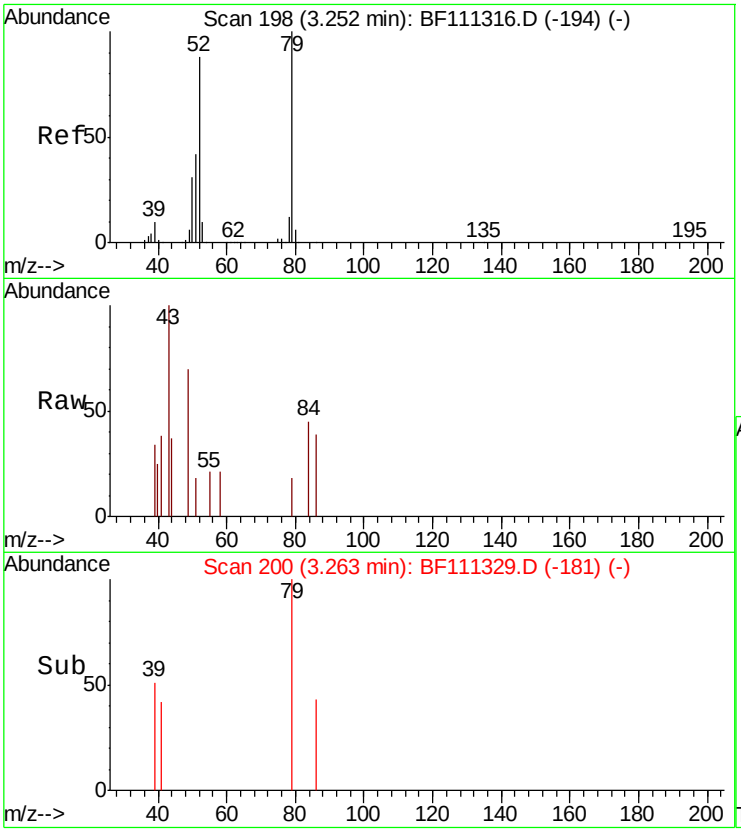


#2
1,4-Dioxane
Concen: 0.015 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 88 Resp: 143

Ion	Ratio	Lower	Upper
88	100		
58	74.1	68.9	103.3
43	1161.5	25.8	38.6#



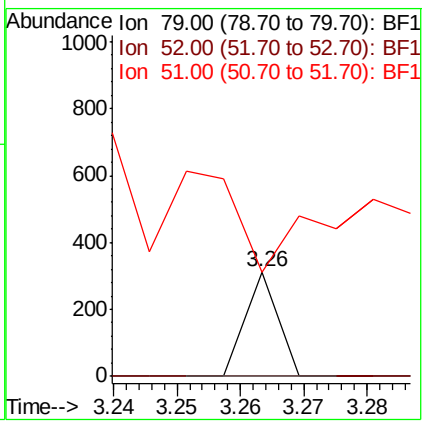


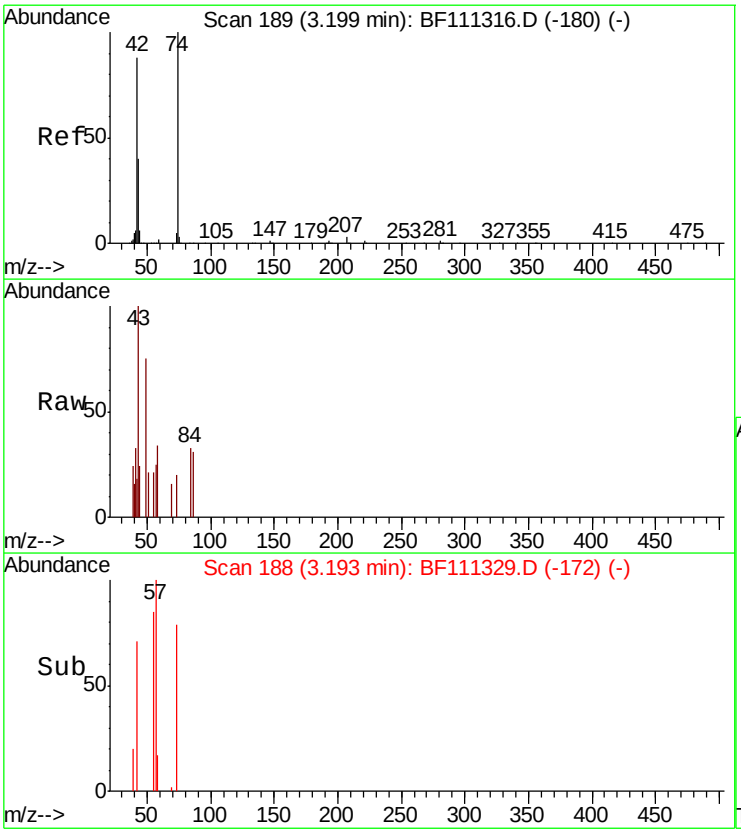
#3
Pyridine
Concen: 0.005 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 79 Resp: 110

Ion	Ratio	Lower	Upper
79	100		
52	0.0	68.3	102.5#
51	100.6	32.6	49.0#

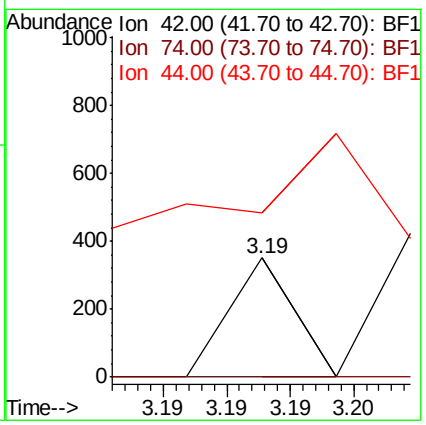


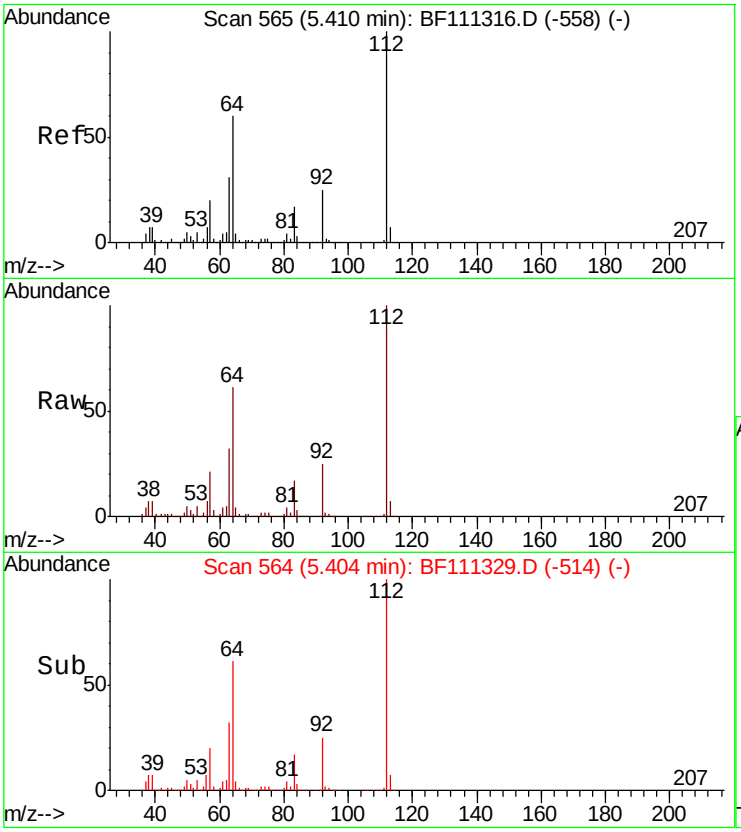


#4
n-Nitrosodimethylamine
Concen: 0.011 ng
RT: 3.19 min Scan# 188
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 42 Resp: 124

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	138.3	6.0	9.0#



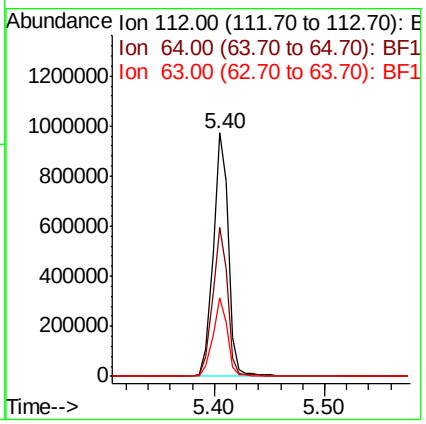


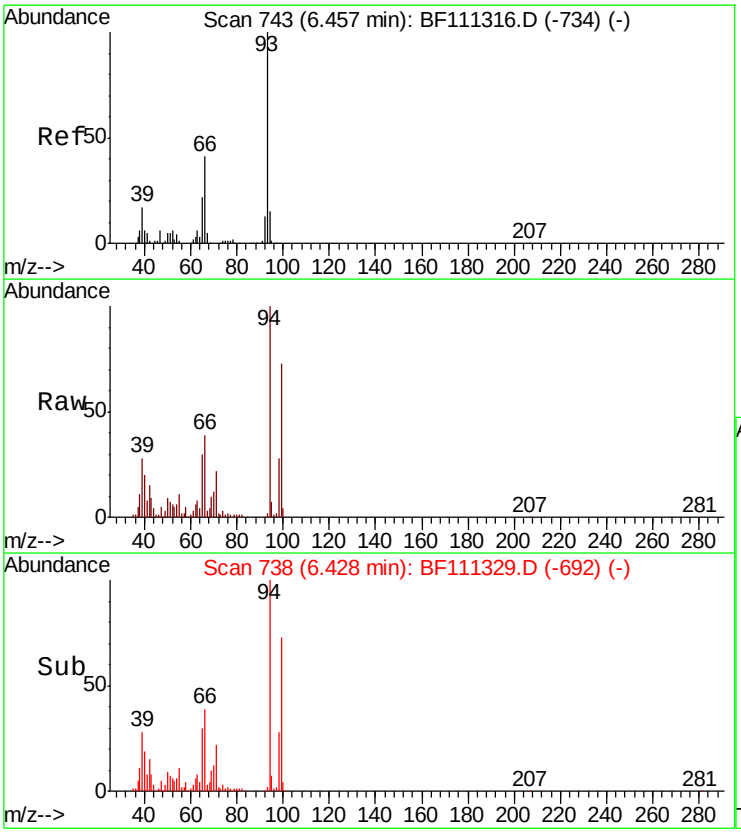
#5
2-Fluorophenol
Concen: 47.661 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:112 Resp: 920287

Ion	Ratio	Lower	Upper
112	100		
64	61.4	51.8	77.6
63	32.0	26.8	40.2

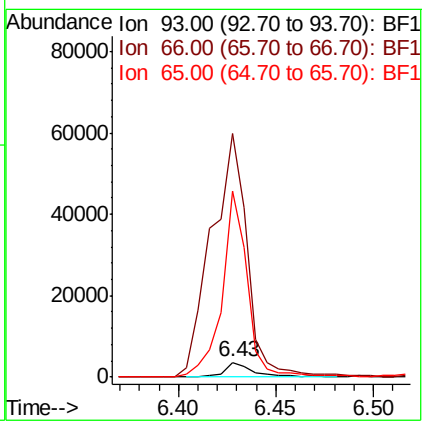


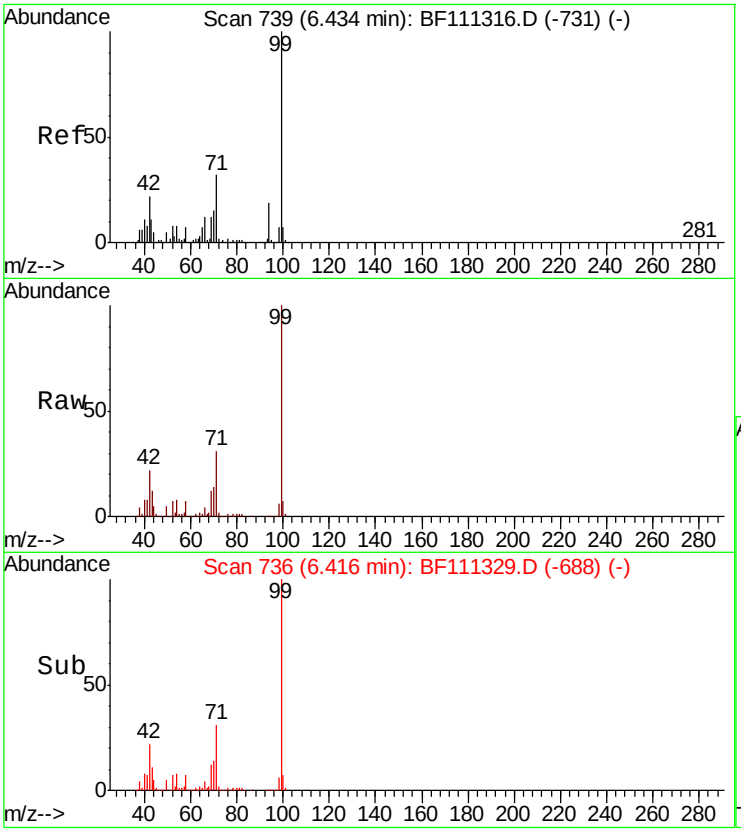


#6
Aniline
Concen: 0.116 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 93 Resp: 3662

Ion	Ratio	Lower	Upper
93	100		
66	1619.1	33.2	49.8#
65	1241.0	17.0	25.4#



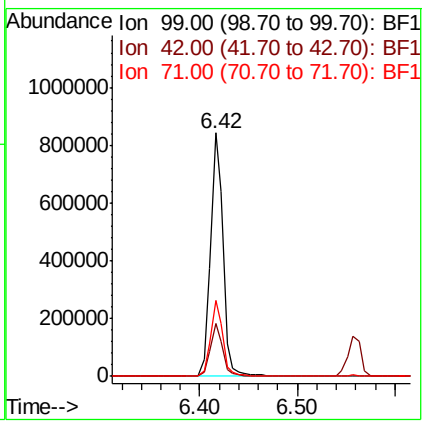


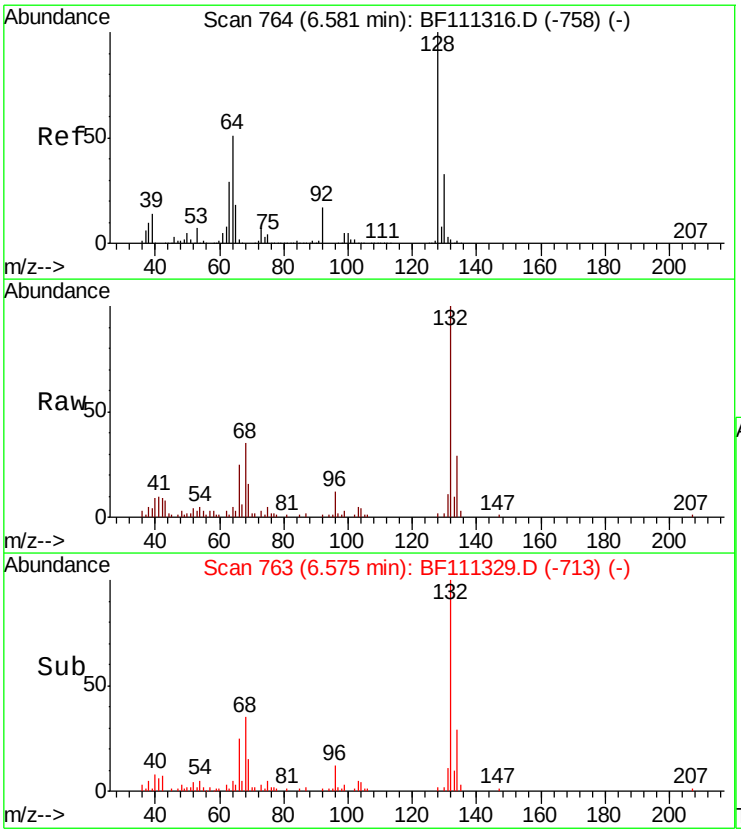
#7
Phenol-d6
Concen: 28.775 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 99 Resp: 749104

Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.4	26.0
71	31.3	26.1	39.1

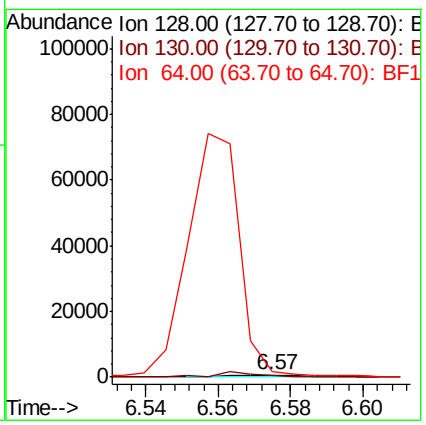


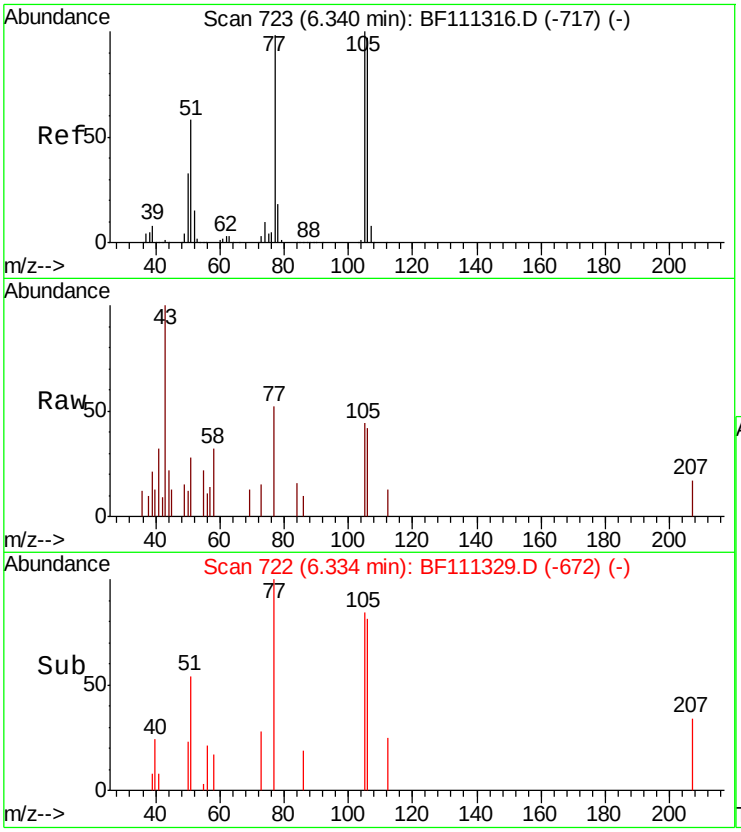


#8
2-Chlorophenol
Concen: 0.031 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:128 Resp: 735

Ion	Ratio	Lower	Upper
128	100		
130	76.3	12.7	52.7#
64	242.3	30.0	70.0#



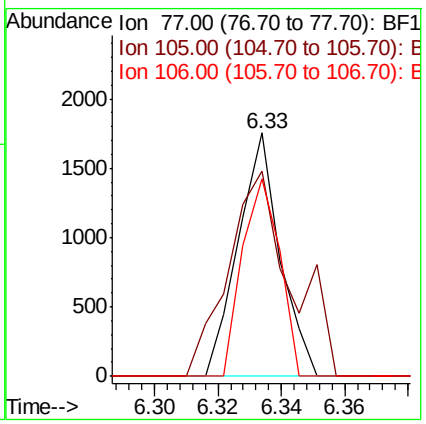


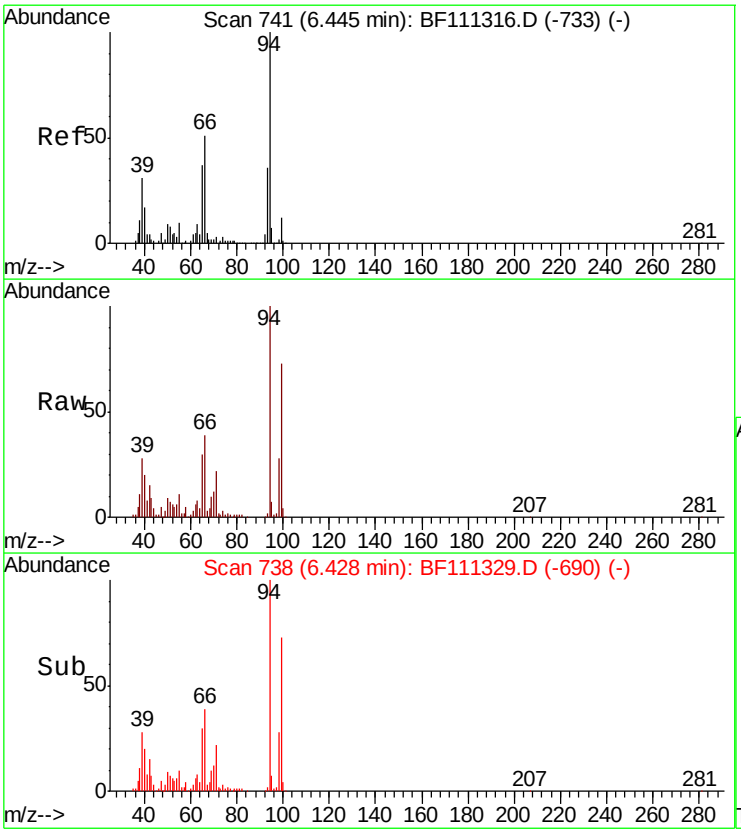
#9
Benzaldehyde
Concen: Below Cal
RT: 6.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 77 Resp: 1598

Ion	Ratio	Lower	Upper
77	100		
105	84.5	81.4	121.4
106	80.9	77.9	117.9

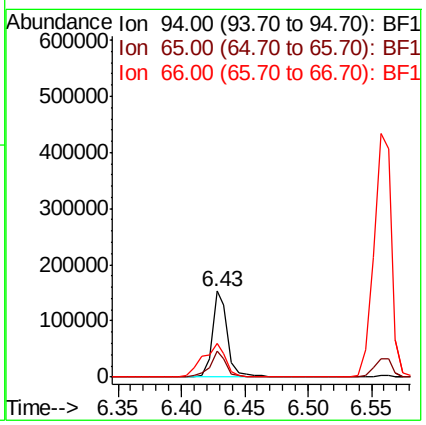


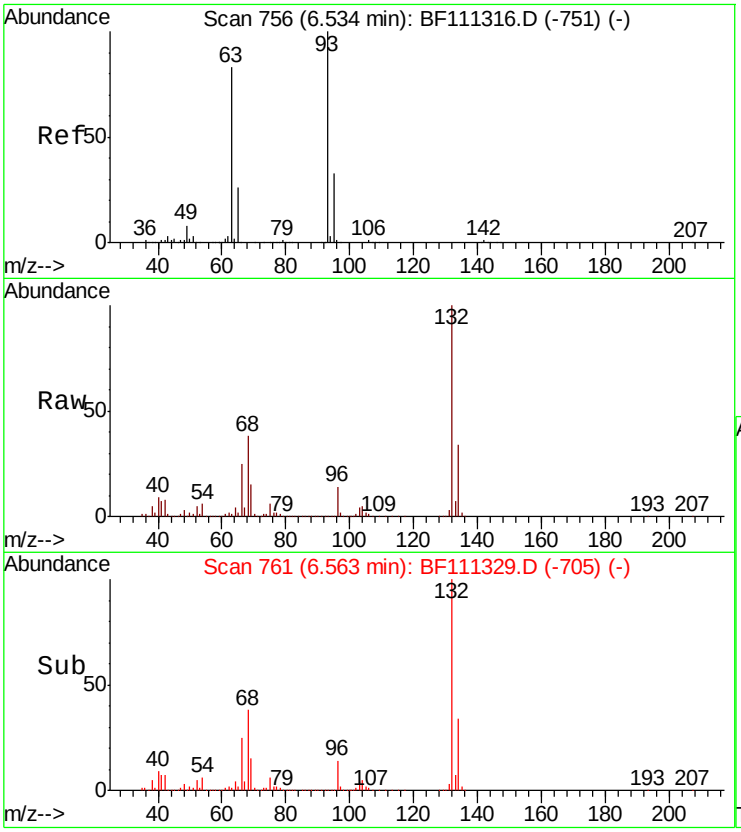


#10
Phenol
Concen: 4.363 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 94 Resp: 128674

Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.7	51.7
66	39.2	21.0	61.0



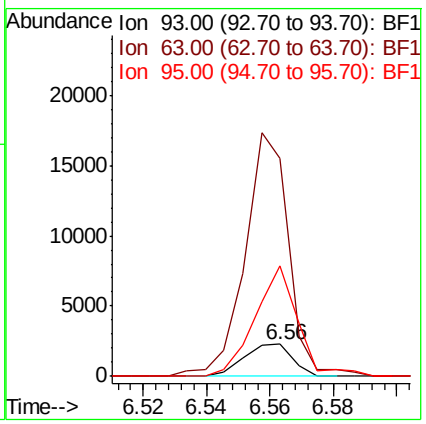


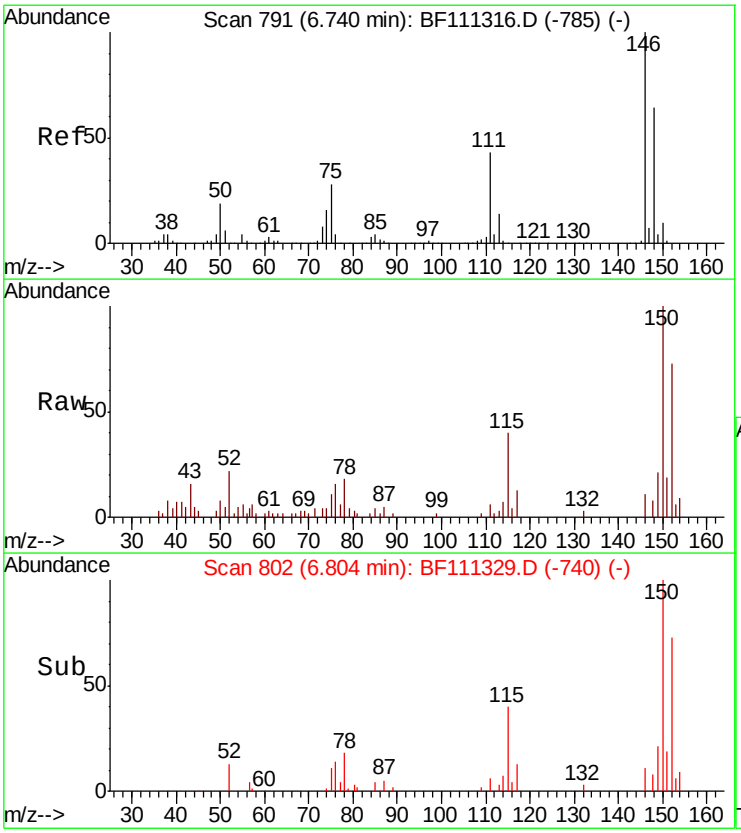
#11
bis(2-Chloroethyl)ether
Concen: 0.104 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 93 Resp: 2420

Ion	Ratio	Lower	Upper
93	100		
63	674.7	60.0	100.0#
95	340.5	13.4	53.4#

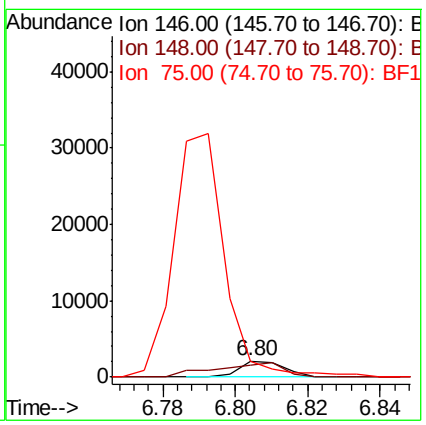


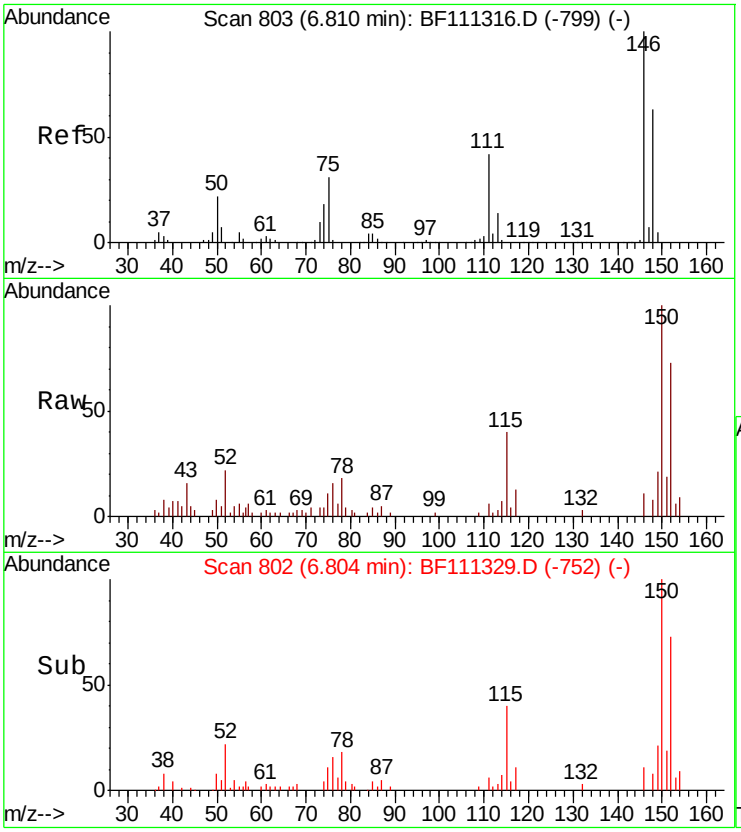


#12
1,3-Dichlorobenzene
Concen: 0.071 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.06 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:146 Resp: 1830

Ion	Ratio	Lower	Upper
146	100		
148	73.7	52.1	78.1
75	101.9	23.9	35.9#



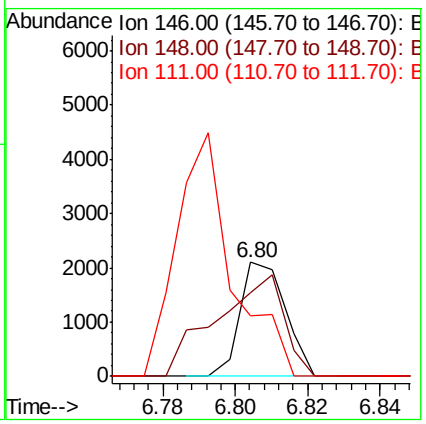


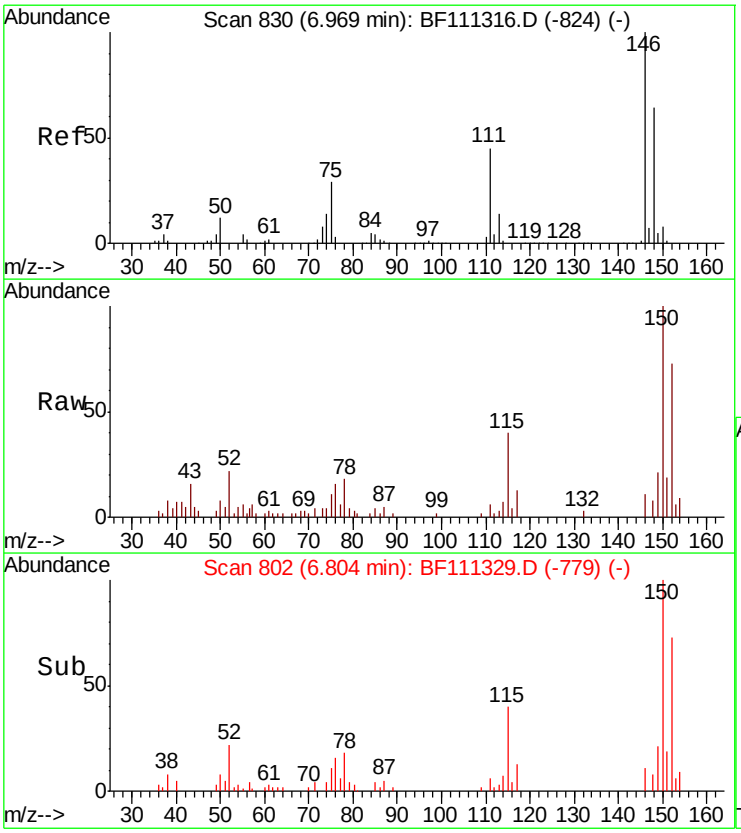
#13
1,4-Dichlorobenzene
Concen: 0.070 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:146 Resp: 1830

Ion	Ratio	Lower	Upper
146	100		
148	73.7	52.8	79.2
111	52.6	33.4	50.0#

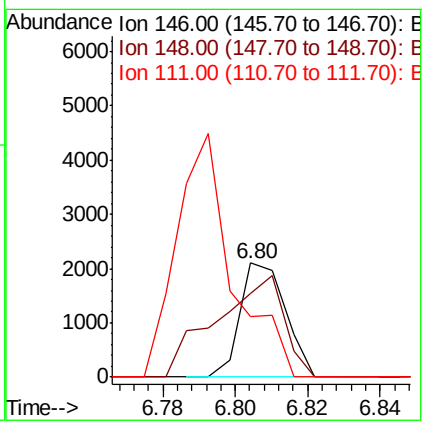


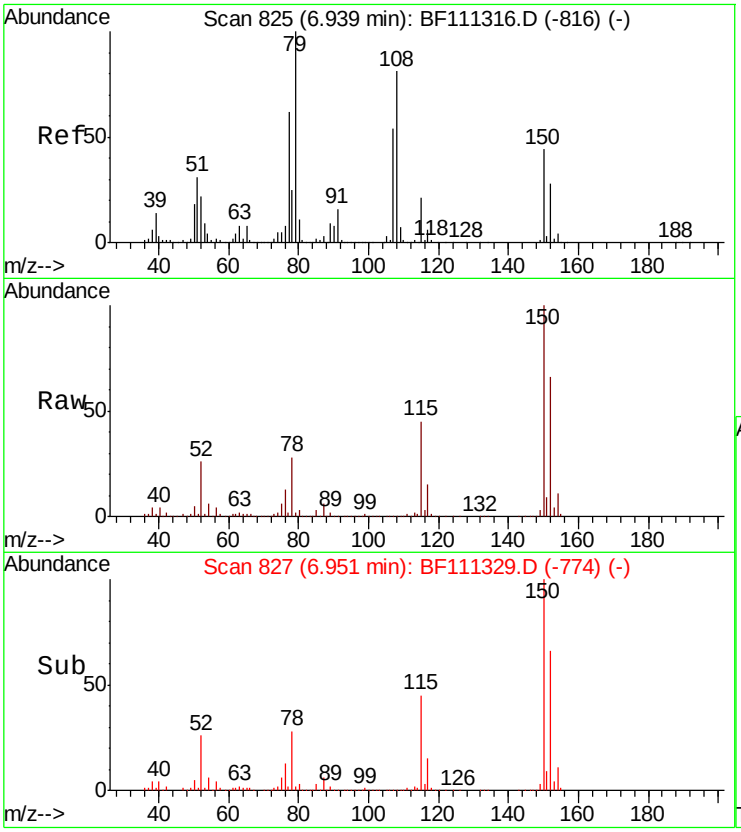


#14
1,2-Dichlorobenzene
Concen: 0.076 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.16 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:146 Resp: 1830

Ion	Ratio	Lower	Upper
146	100		
148	73.7	51.9	77.9
111	52.6	36.2	54.4



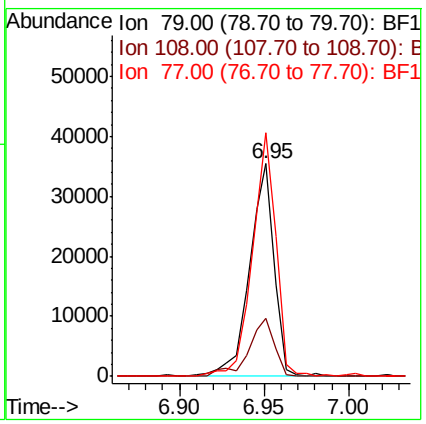


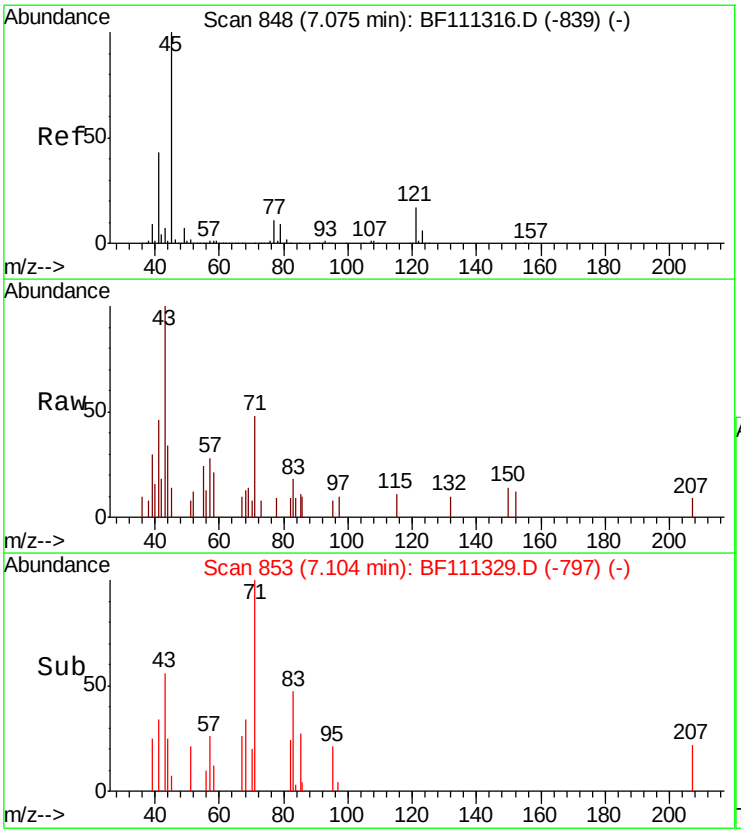
#15
Benzyl Alcohol
Concen: 1.819 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 79 Resp: 36265

Ion	Ratio	Lower	Upper
79	100		
108	27.3	69.4	104.2#
77	114.7	49.7	74.5#

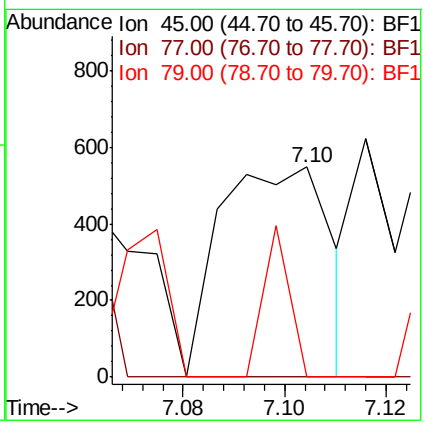


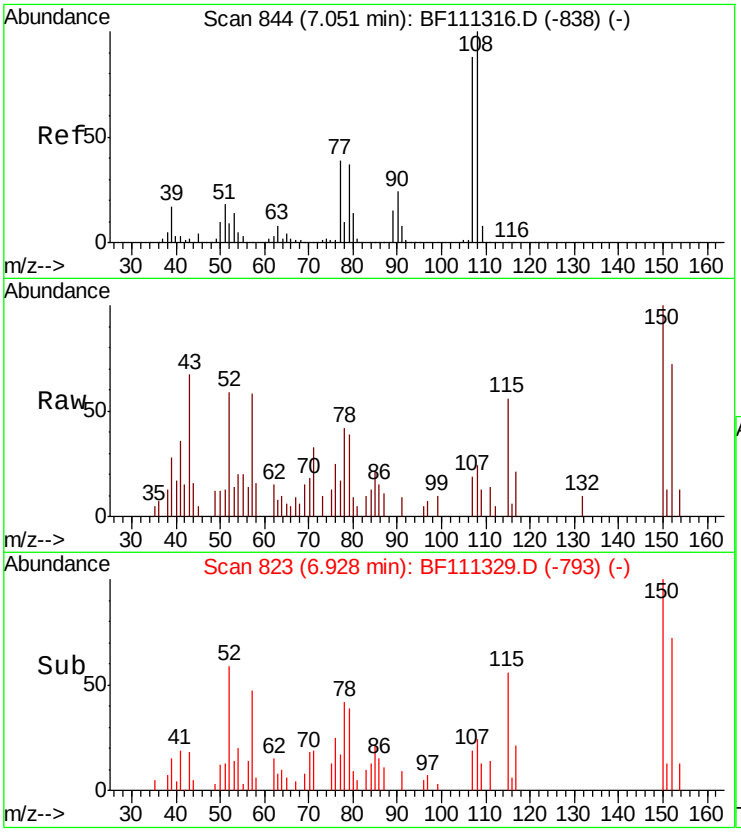


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.019 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 45 Resp: 832

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	31.5
79	0.0	0.0	28.9



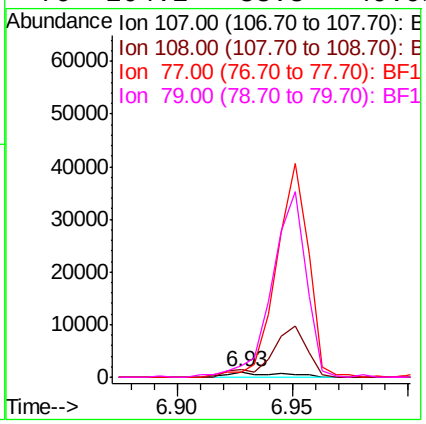


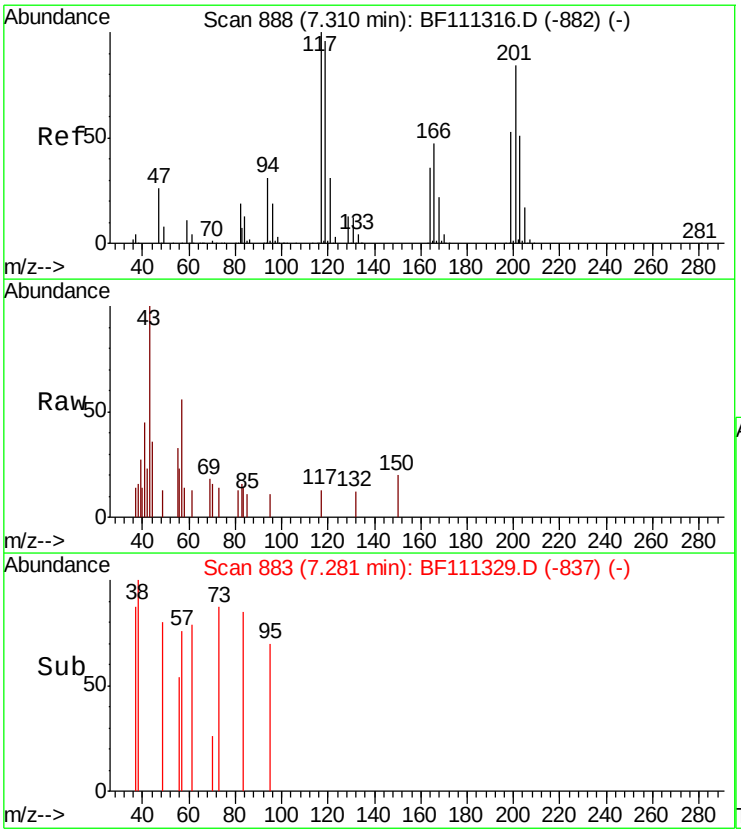
#17
2-Methylphenol
Concen: 0.085 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.12 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:107 Resp: 1637

Ion	Ratio	Lower	Upper
107	100		
108	124.9	91.0	136.4
77	91.5	33.5	50.3#
79	204.2	33.3	49.9#

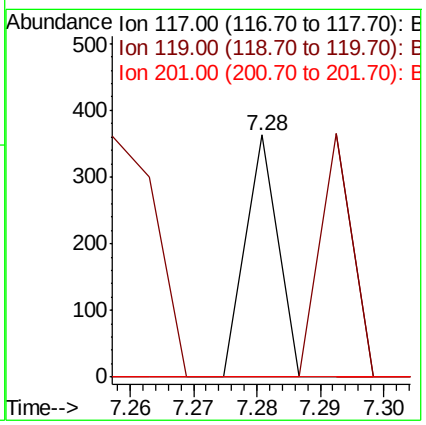


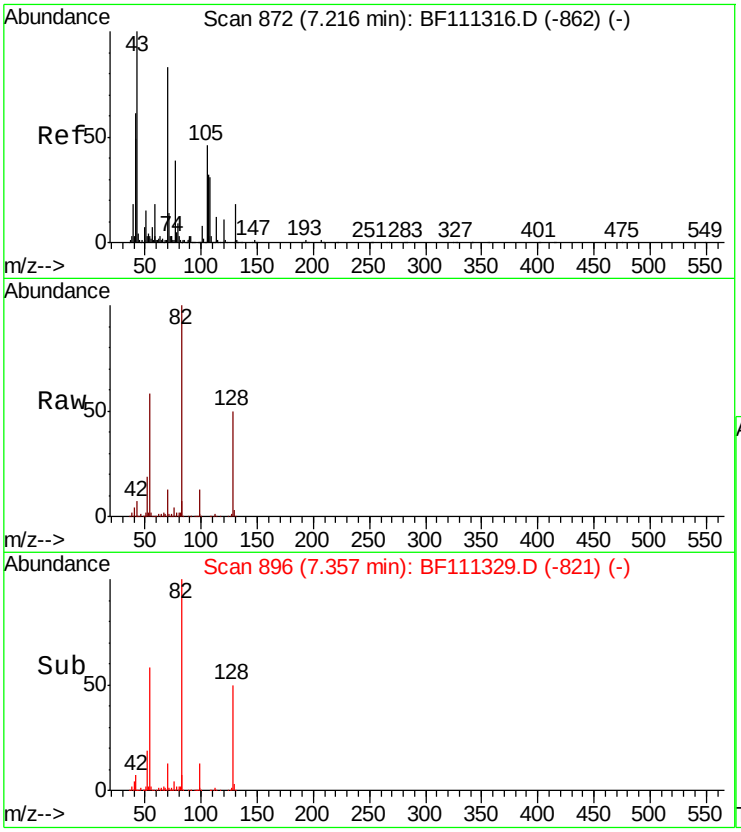


#18
Hexachloroethane
Concen: 0.013 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:117 Resp: 128

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
201	0.0	62.4	93.6#



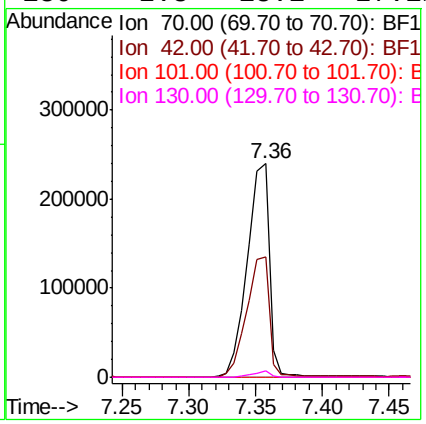


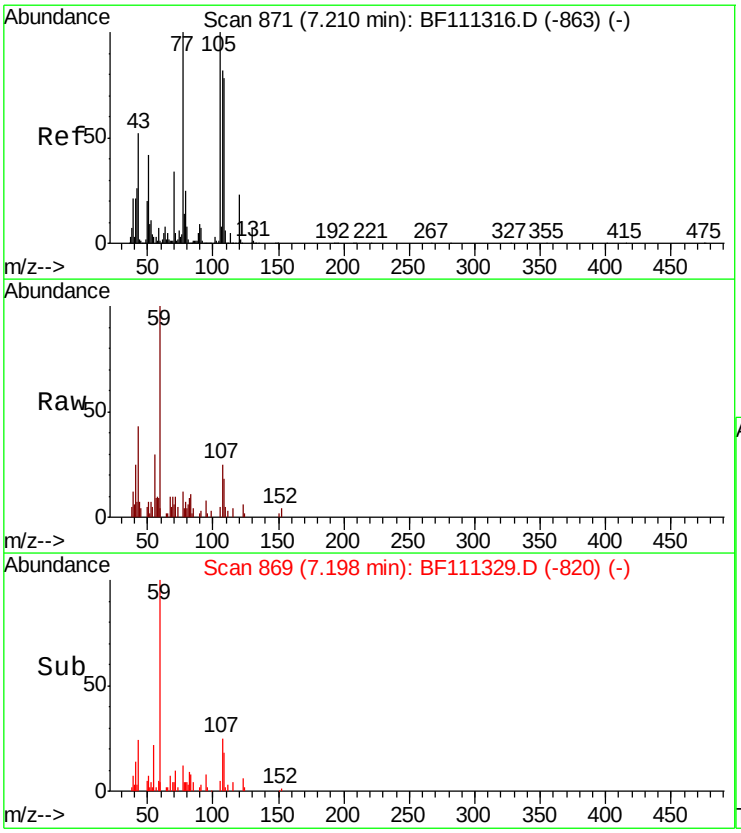
#19
n-Nitroso-di-n-propylamine
Concen: 15.834 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.14 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 70 Resp: 273925

Ion	Ratio	Lower	Upper
70	100		
42	56.5	53.2	79.8
101	0.0	8.2	12.4#
130	2.8	18.1	27.1#

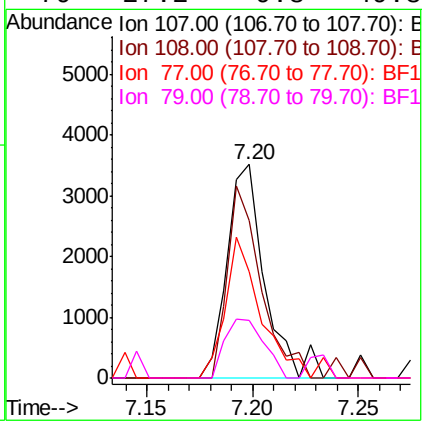


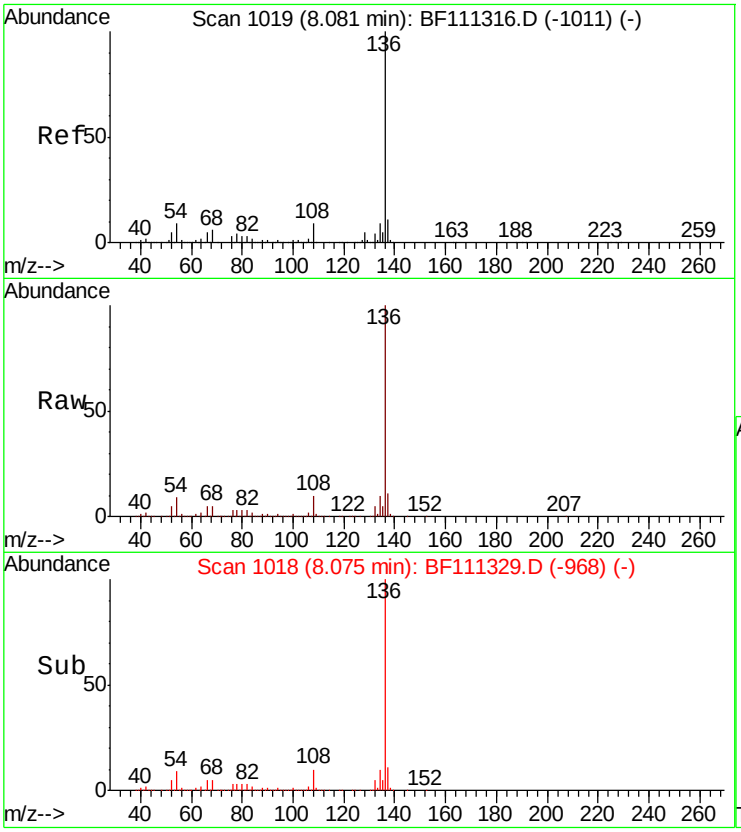


#20
3+4-Methylphenols
Concen: 0.189 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:107 Resp: 4331

Ion	Ratio	Lower	Upper
107	100		
108	73.7	72.1	112.1
77	49.8	94.1	134.1#
79	27.2	9.8	49.8



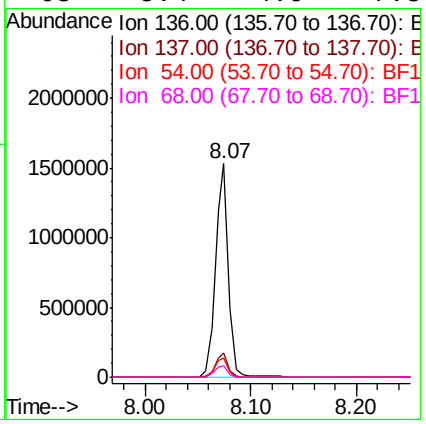


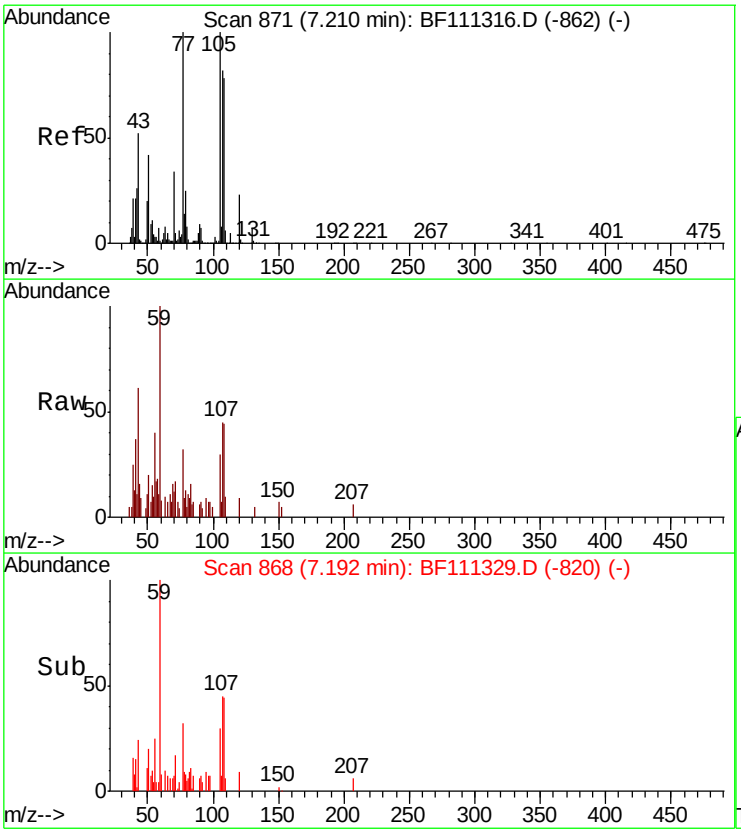
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:136 Resp: 1321235

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.1	7.7	11.5
68	5.4	4.9	7.3

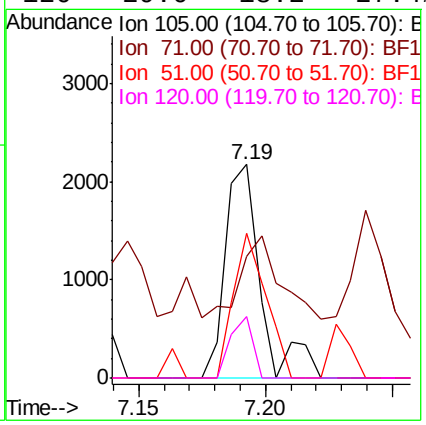


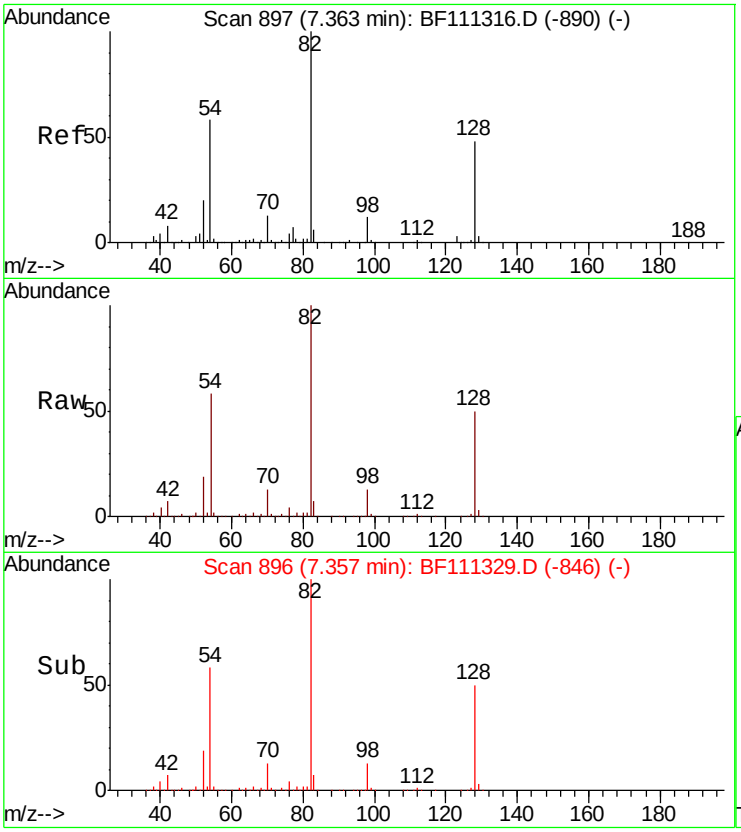


#22
Acetophenone
Concen: 0.069 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:105 Resp: 2117

Ion	Ratio	Lower	Upper
105	100		
71	57.1	3.1	4.7#
51	67.5	36.6	54.8#
120	29.0	18.2	27.4#



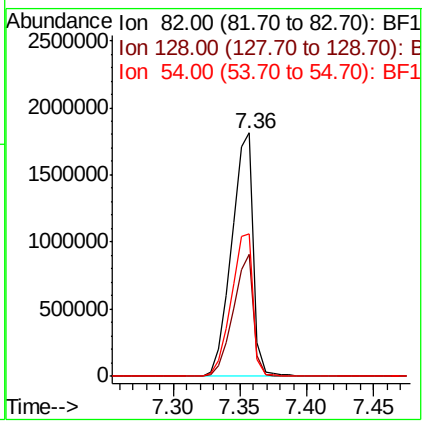


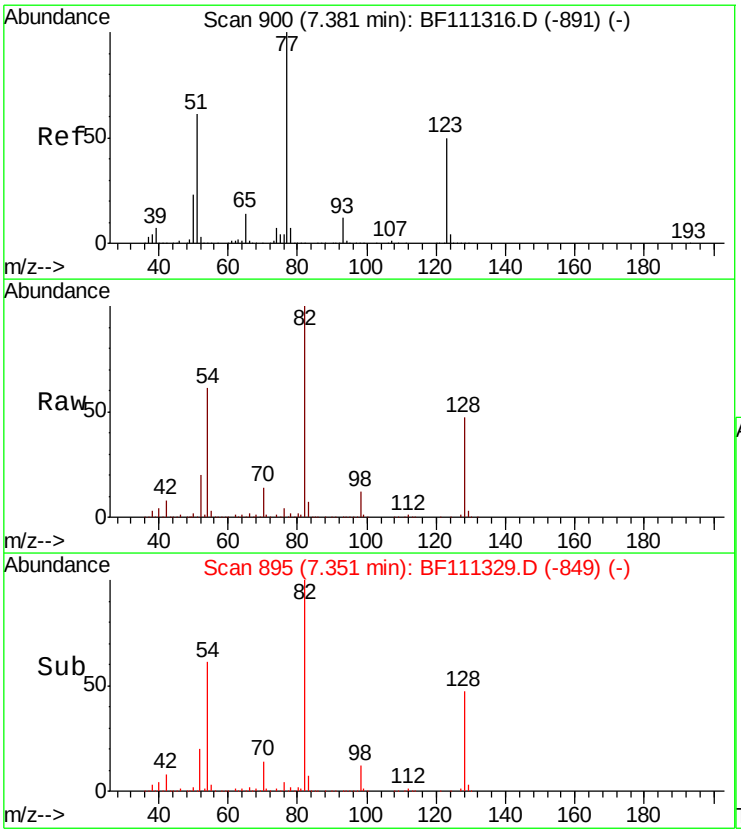
#23
Nitrobenzene-d5
Concen: 88.226 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 82 Resp: 2068139

Ion	Ratio	Lower	Upper
82	100		
128	49.9	37.4	56.2
54	58.3	47.6	71.4

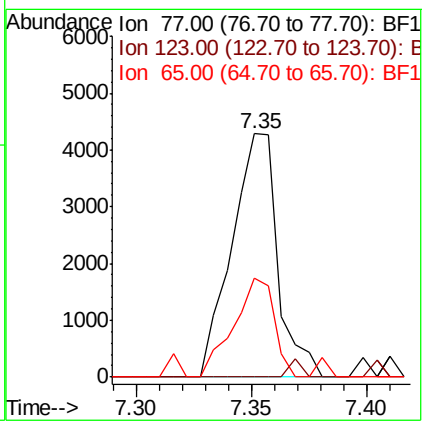


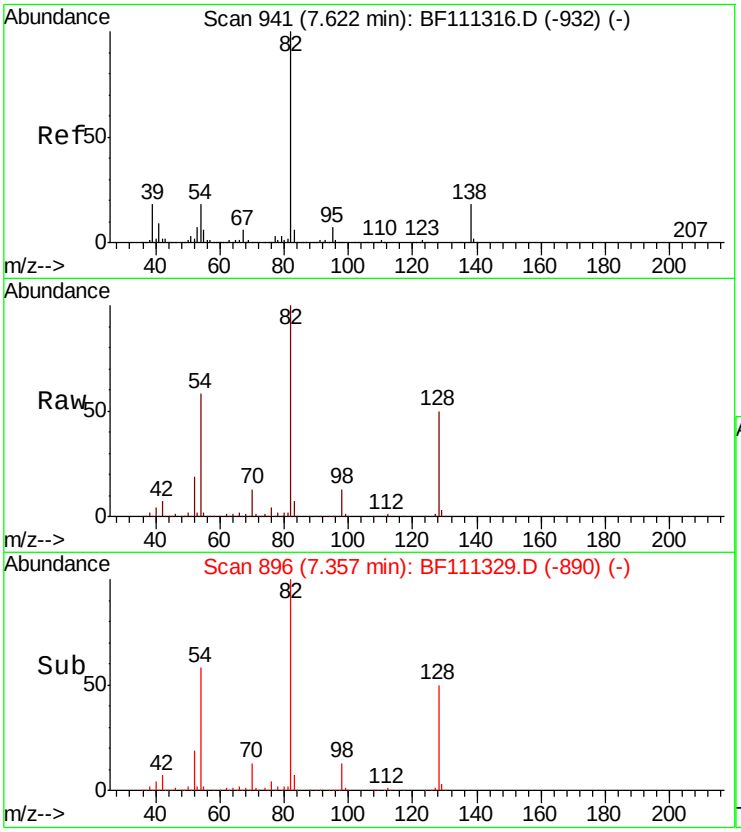


#24
Nitrobenzene
Concen: 0.246 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 77 Resp: 5947

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	40.5	11.5	17.3#



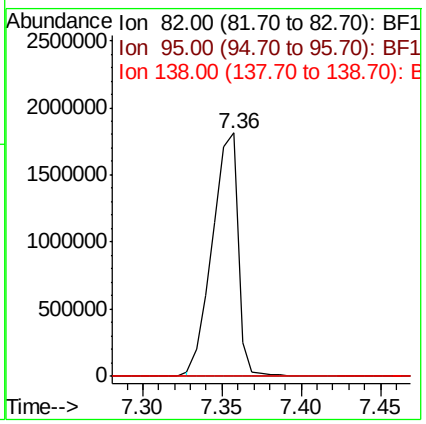


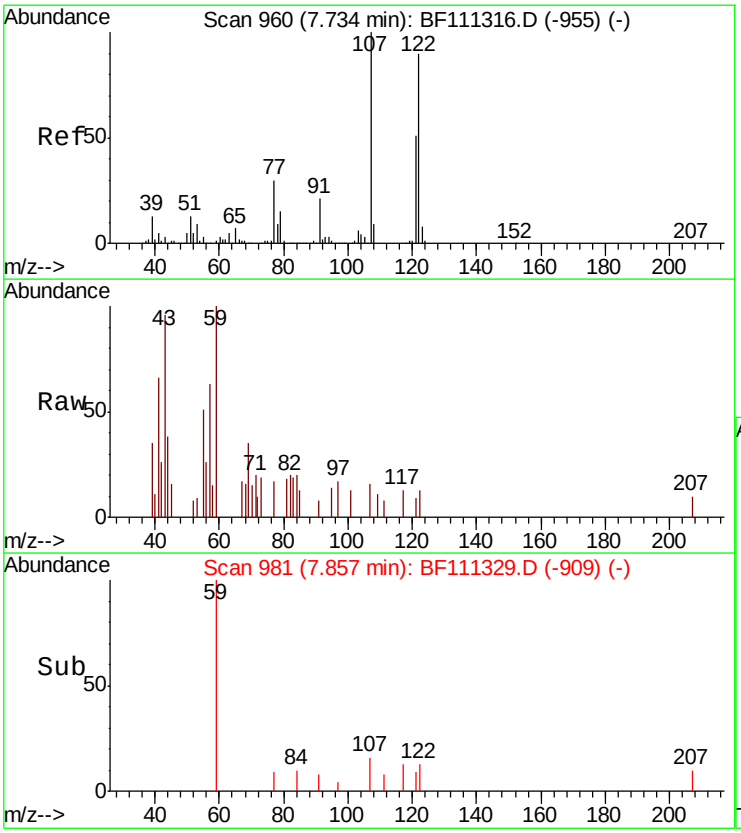
#25
Isophorone
Concen: 51.207 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 82 Resp: 2038980

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#

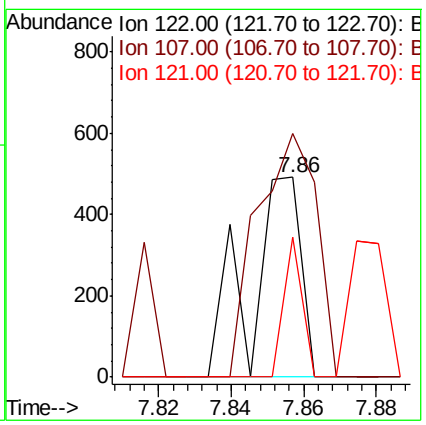


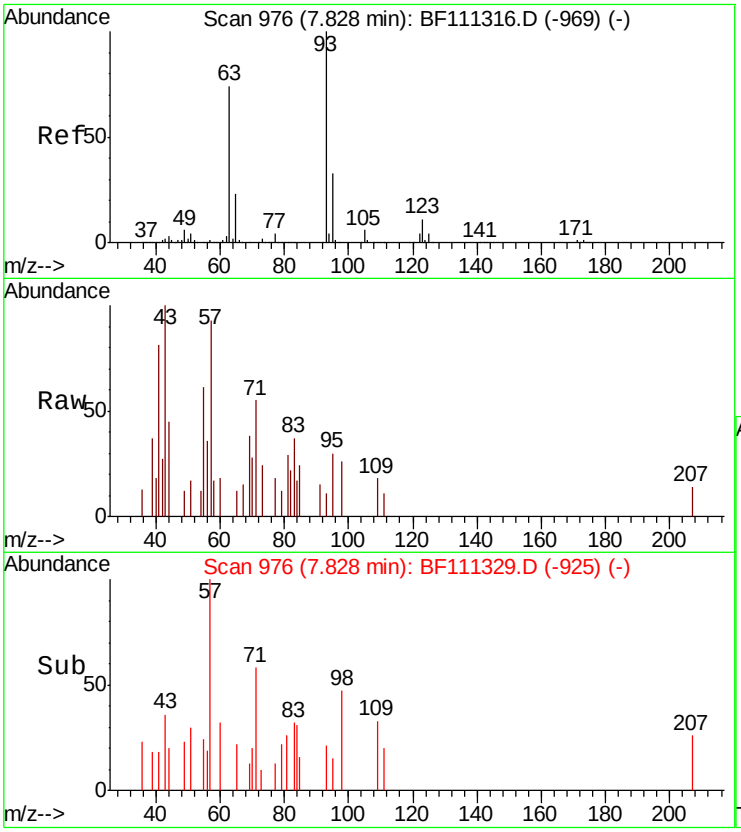


#27
2,4-Dimethylphenol
Concen: 0.027 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.12 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:122 Resp: 478

Ion	Ratio	Lower	Upper
122	100		
107	121.7	85.5	128.3
121	69.7	46.6	70.0



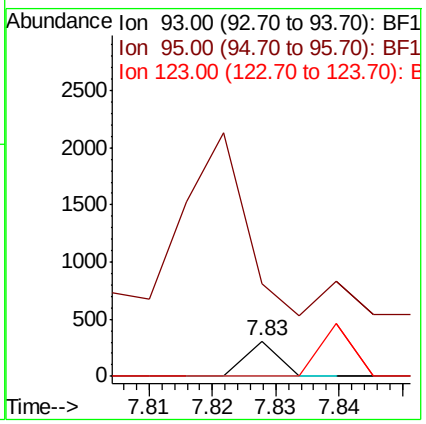


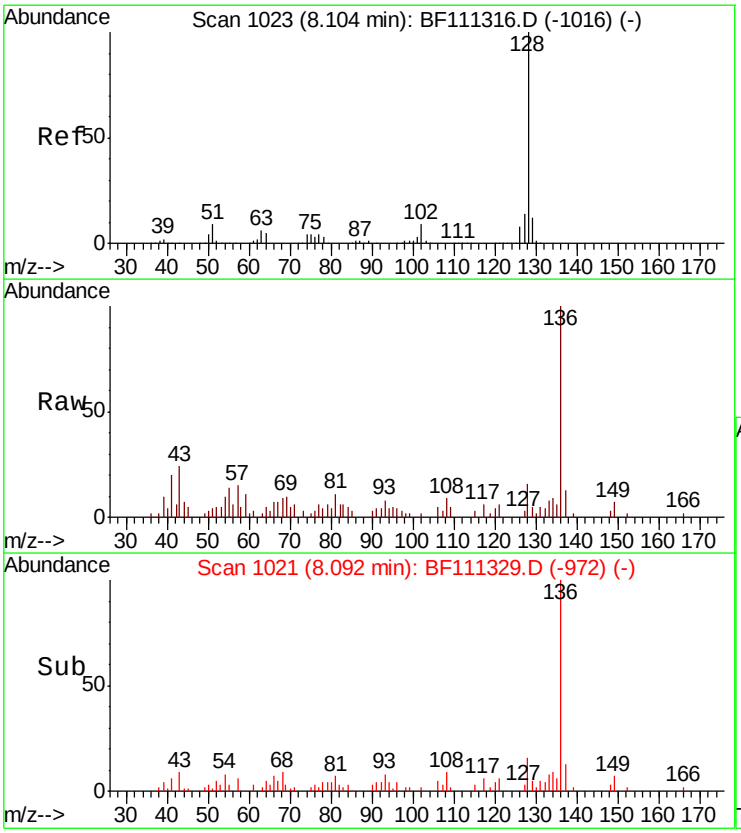
#28
bis(2-Chloroethoxy)methane
Concen: 0.004 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 93 Resp: 108

Ion	Ratio	Lower	Upper
93	100		
95	263.4	27.1	40.7#
123	0.0	9.9	14.9#

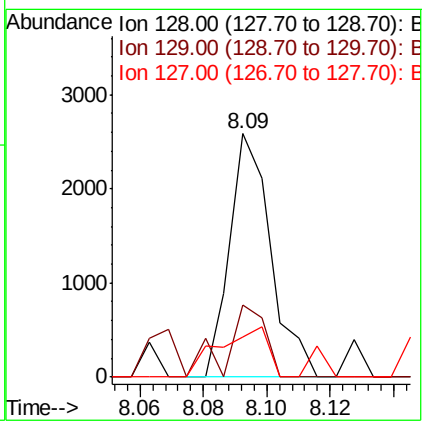


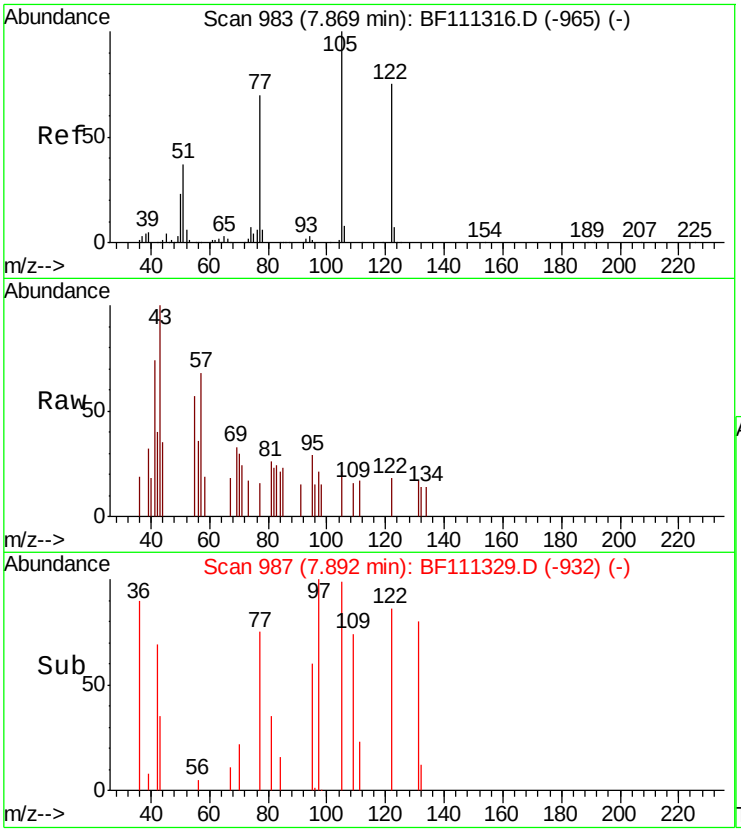


#31
Naphthalene
Concen: 0.038 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:128 Resp: 2323

Ion	Ratio	Lower	Upper
128	100		
129	29.4	9.8	14.8#
127	16.2	12.0	18.0



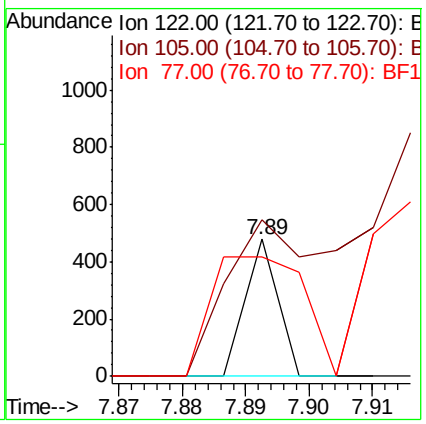


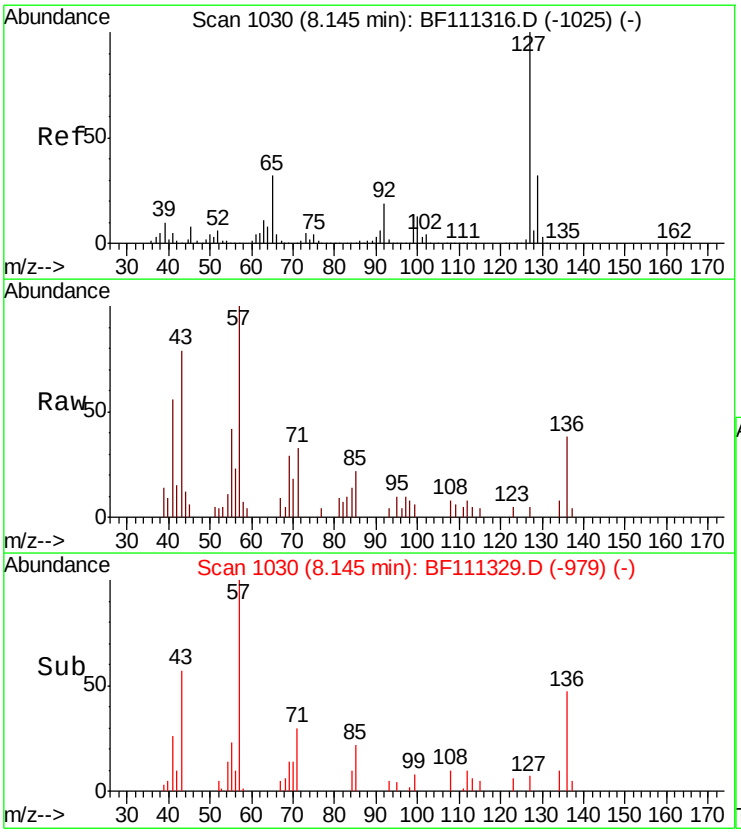
#32
Benzoic acid
Concen: 0.011 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:122 Resp: 169

Ion	Ratio	Lower	Upper
122	100		
105	114.6	97.0	137.0
77	87.4	65.7	105.7

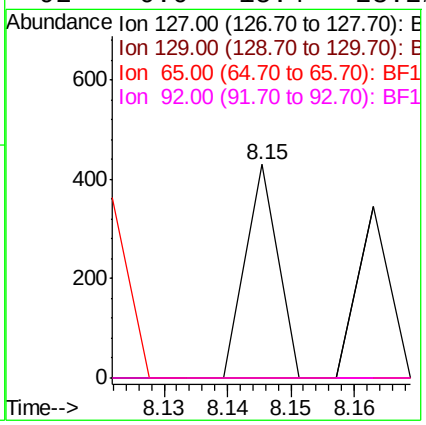


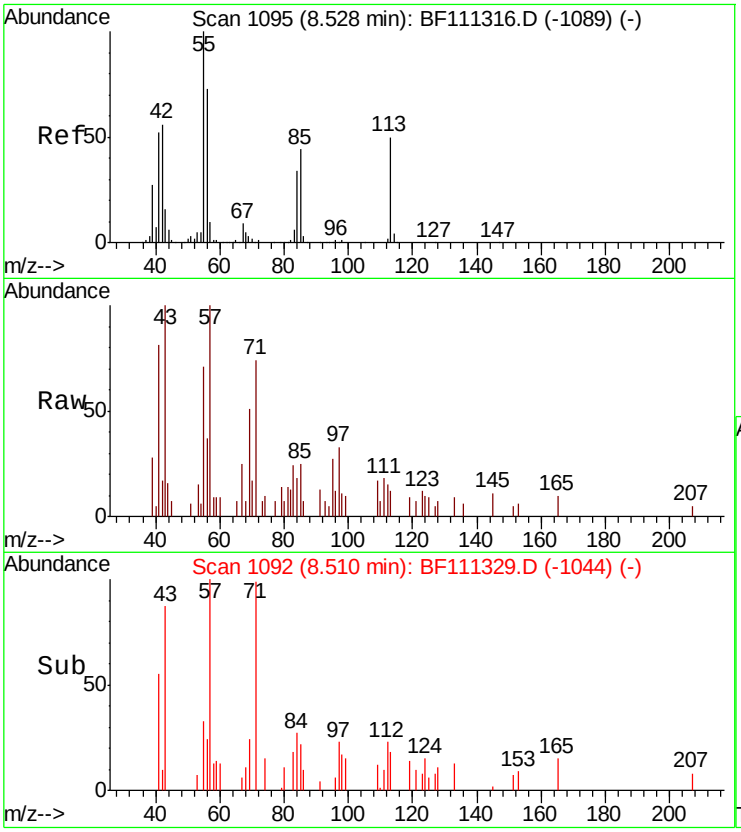


#33
4-Chloroaniline
Concen: 0.006 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:127 Resp: 152

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	39.8#
65	0.0	25.7	38.5#
92	0.0	15.4	23.2#



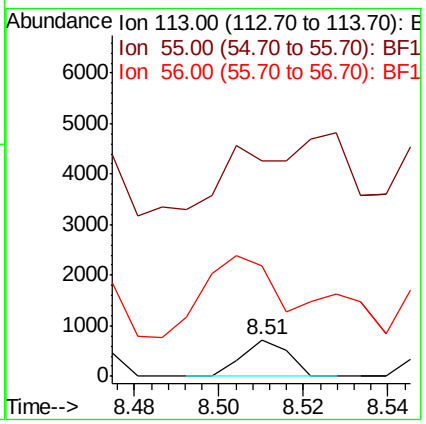


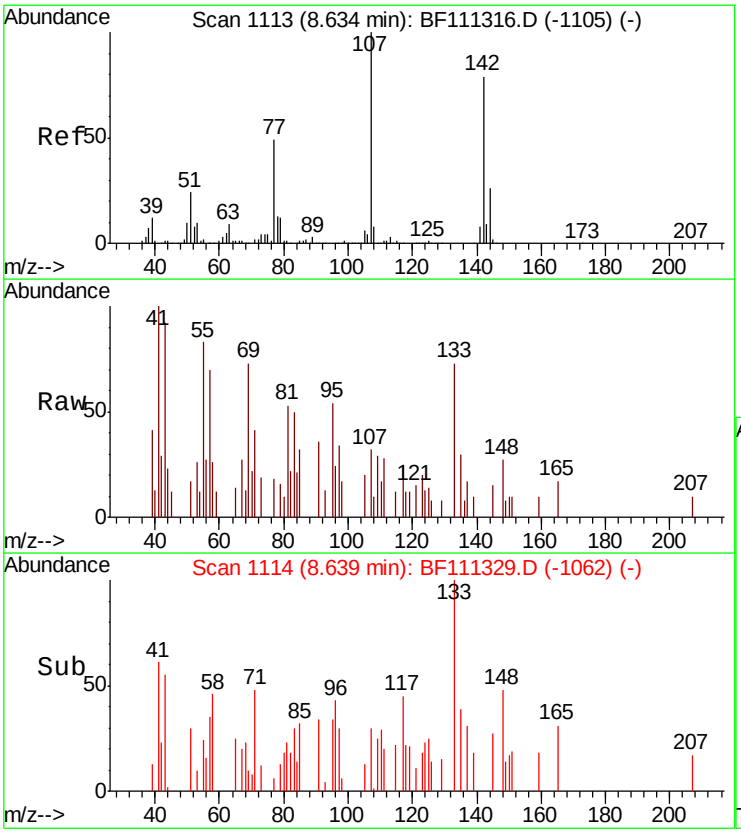
#35
Caprolactam
Concen: 0.084 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:113 Resp: 553

Ion	Ratio	Lower	Upper
113	100		
55	592.5	184.1	224.1#
56	305.6	126.0	166.0#

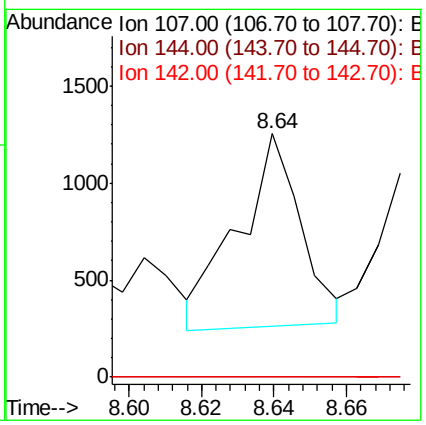


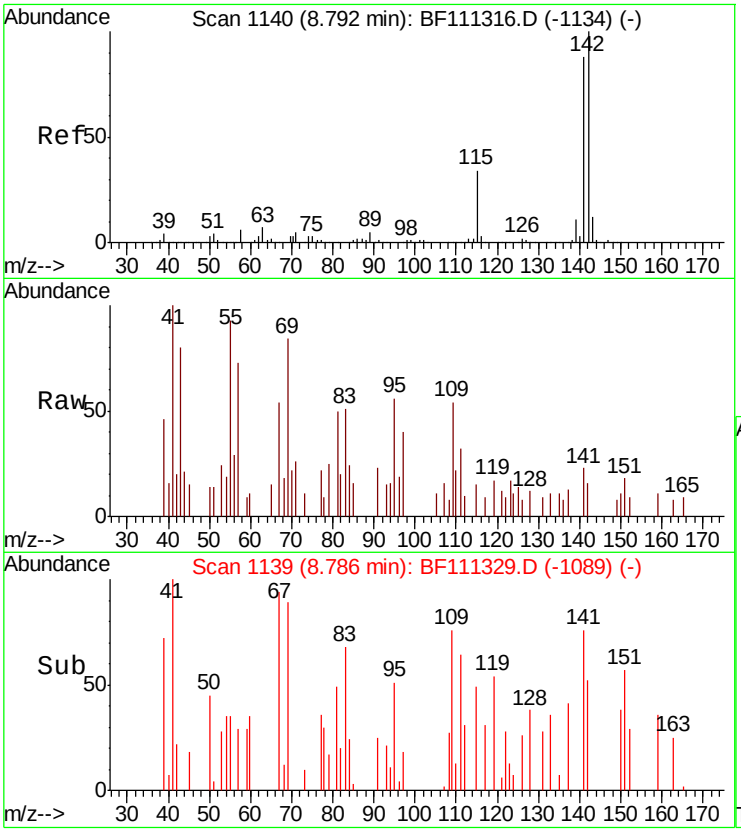


#36
4-Chloro-3-methylphenol
Concen: 0.059 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:107 Resp: 1187

Ion	Ratio	Lower	Upper
107	100		
144	0.0	19.8	29.6#
142	0.0	62.3	93.5#



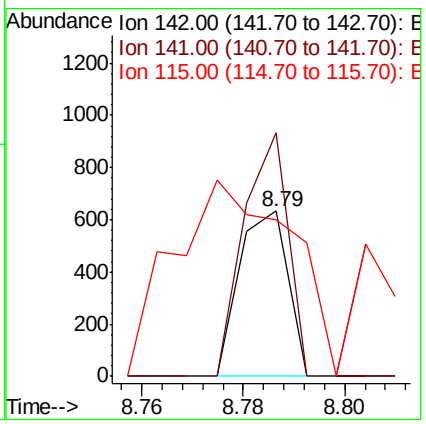


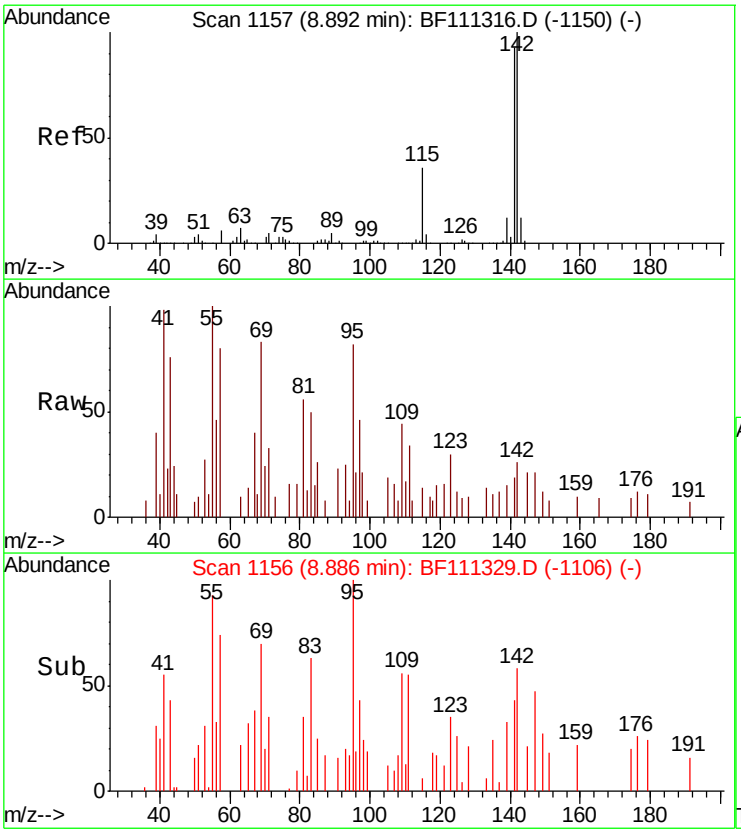
#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:142 Resp: 419

Ion	Ratio	Lower	Upper
142	100		
141	147.6	70.6	105.8#
115	94.9	27.0	40.6#

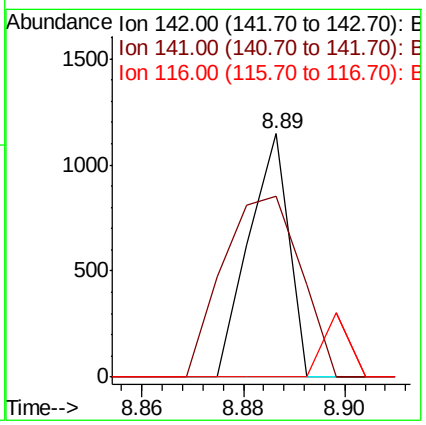


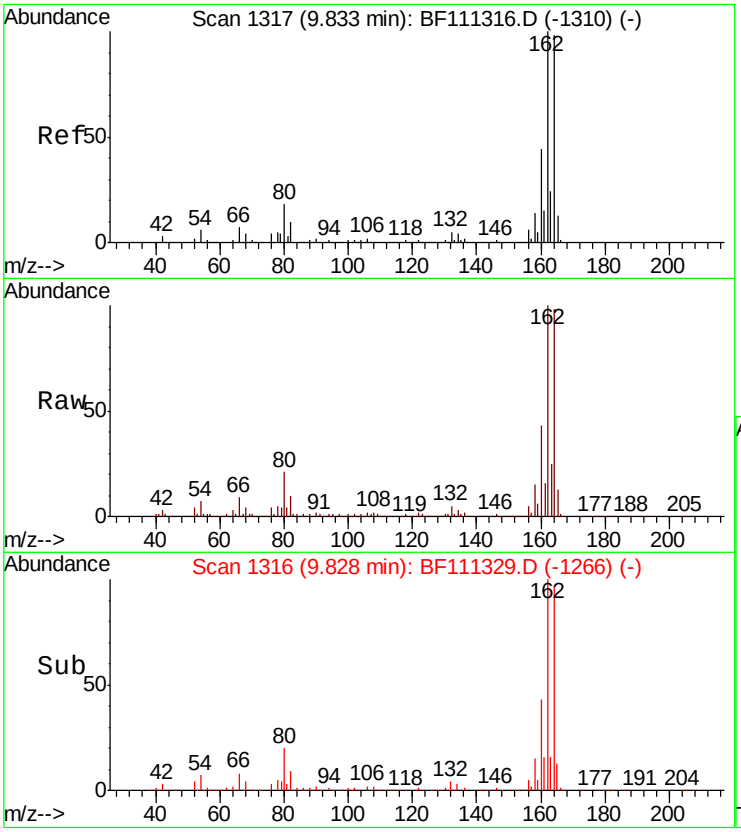


#38
1-Methylnaphthalene
Concen: 0.016 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:142 Resp: 626

Ion	Ratio	Lower	Upper
142	100		
141	74.3	74.2	111.4
116	0.0	2.9	4.3#



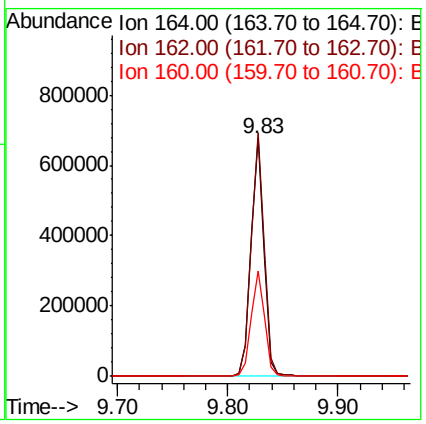


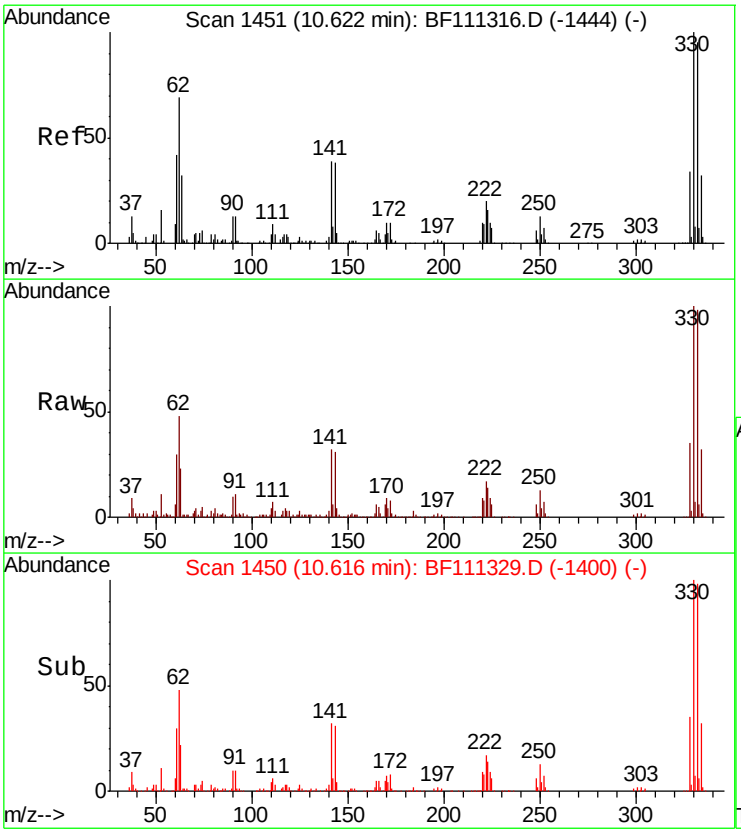
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:164 Resp: 560934

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.4	122.0
160	44.5	35.7	53.5

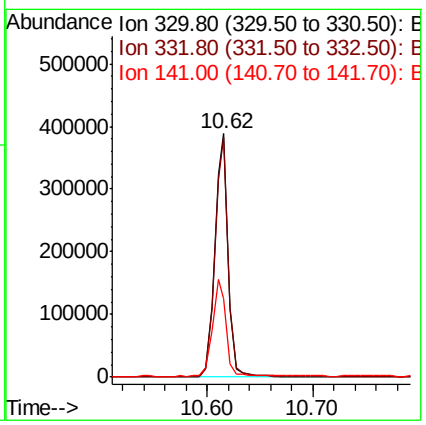


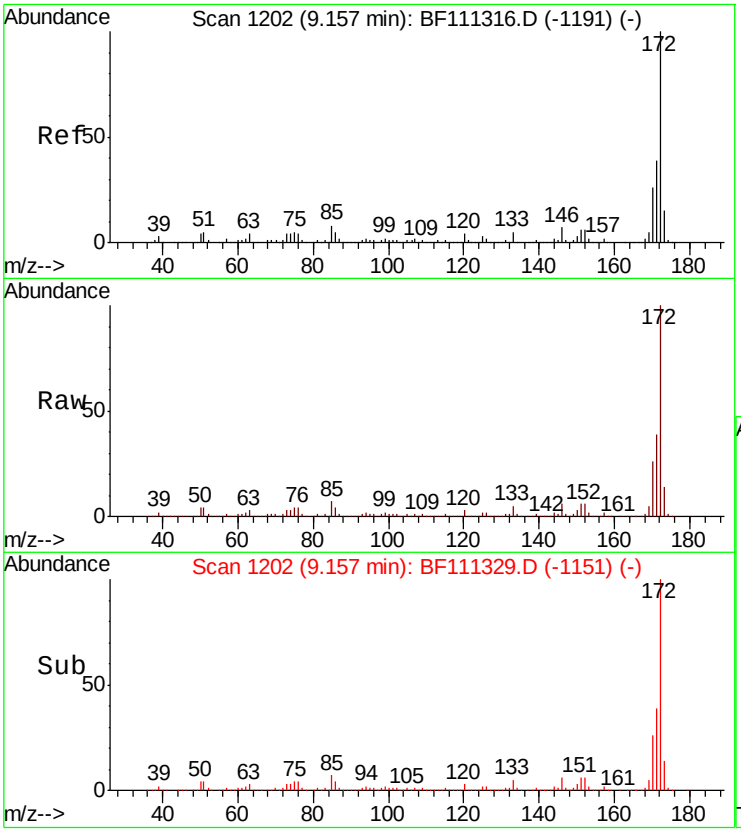


#42
2,4,6-Tribromophenol
Concen: 71.288 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:330 Resp: 352500

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	40.0	31.0	46.6



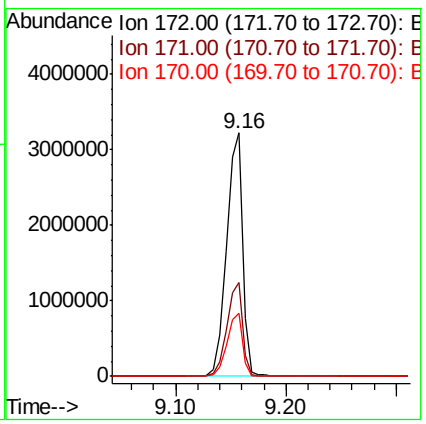


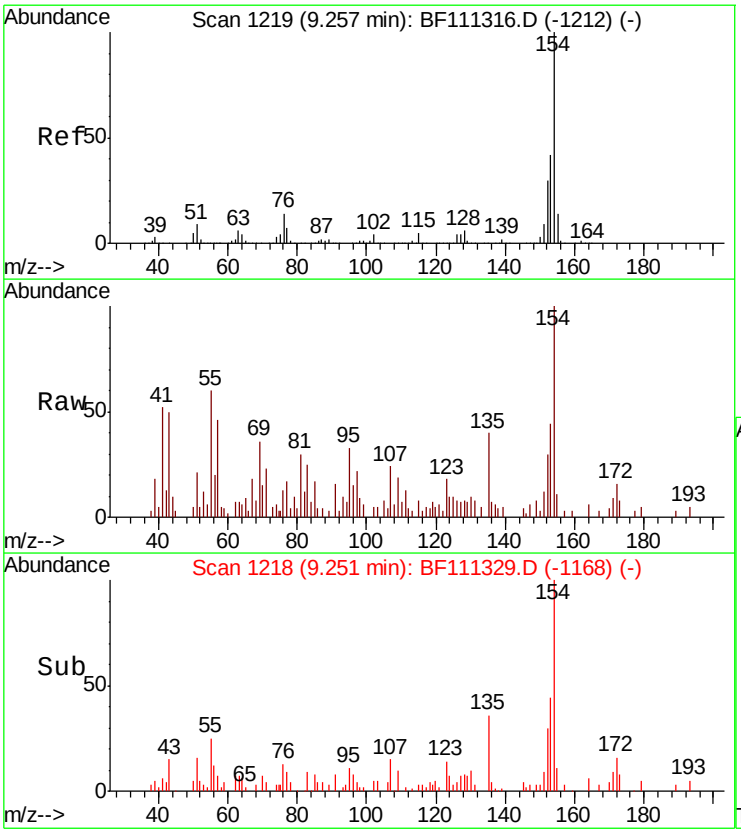
#45
2-Fluorobiphenyl
Concen: 94.608 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:172 Resp: 3305453

Ion	Ratio	Lower	Upper
172	100		
171	38.7	33.0	49.4
170	26.0	22.3	33.5

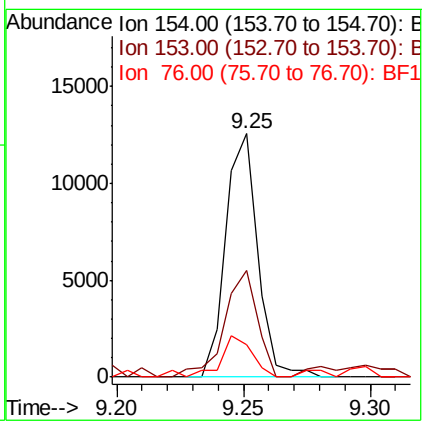


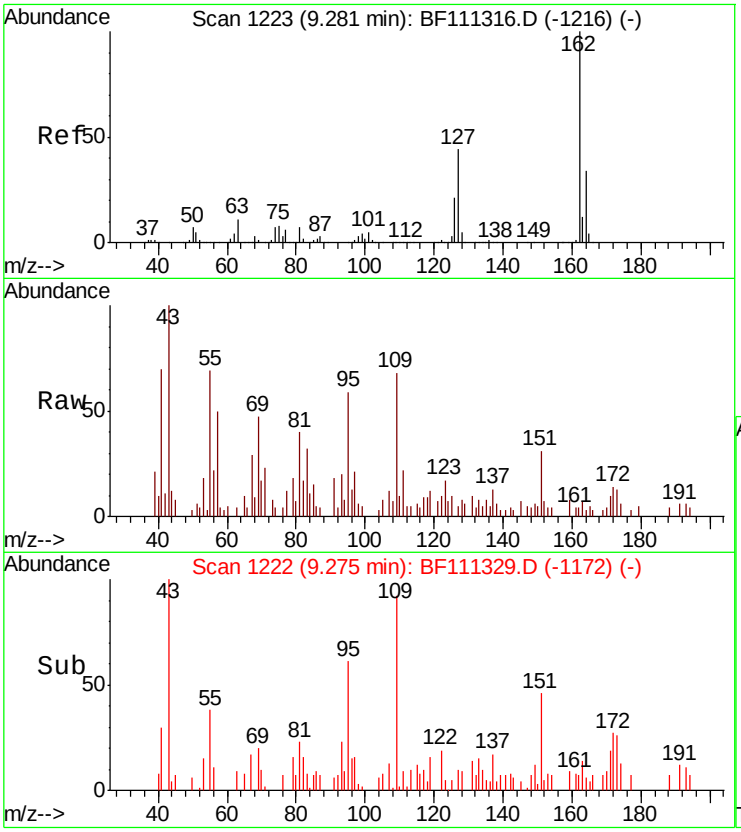


#46
1,1'-Biphenyl
Concen: 0.230 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:154 Resp: 10986

Ion	Ratio	Lower	Upper
154	100		
153	43.9	23.7	63.7
76	13.4	0.0	35.0



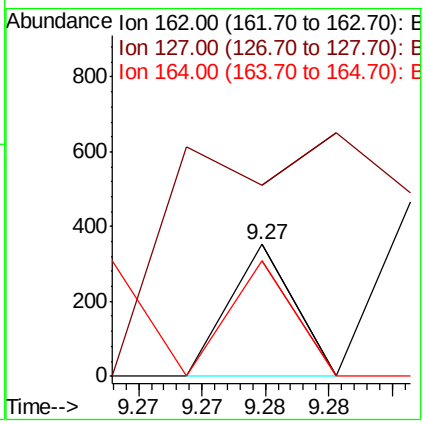


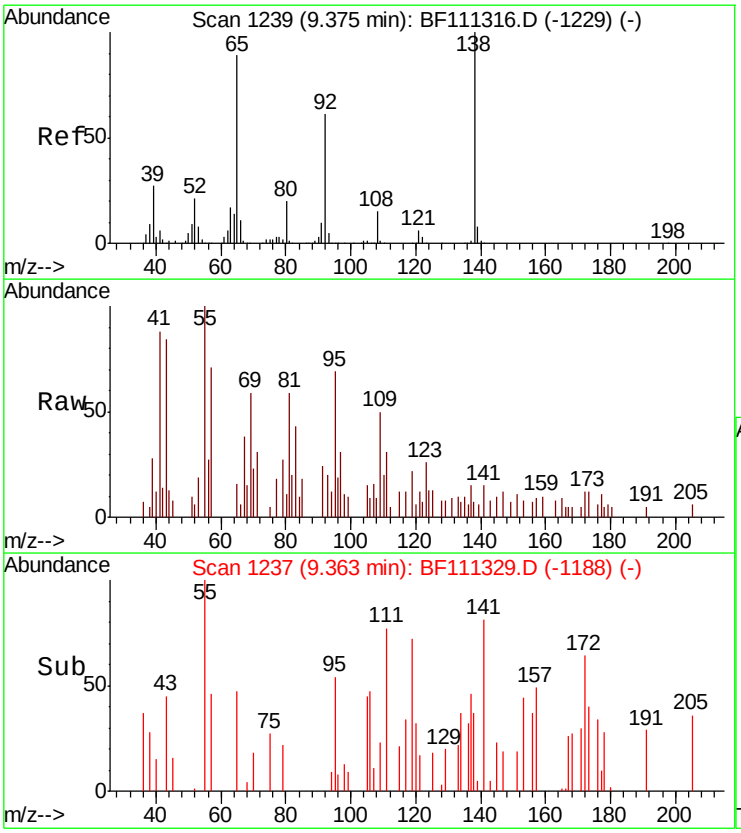
#47
2-Chloronaphthalene
Concen: 0.003 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:162 Resp: 125

Ion	Ratio	Lower	Upper
162	100		
127	144.8	35.0	52.4#
164	87.3	28.4	42.6#

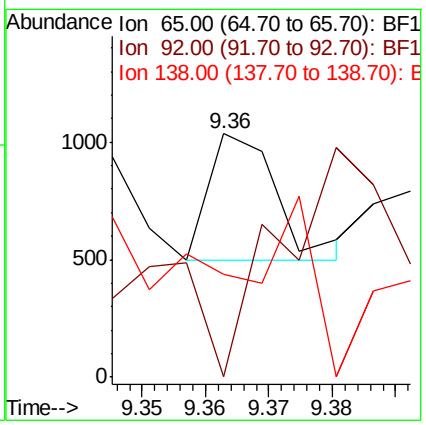


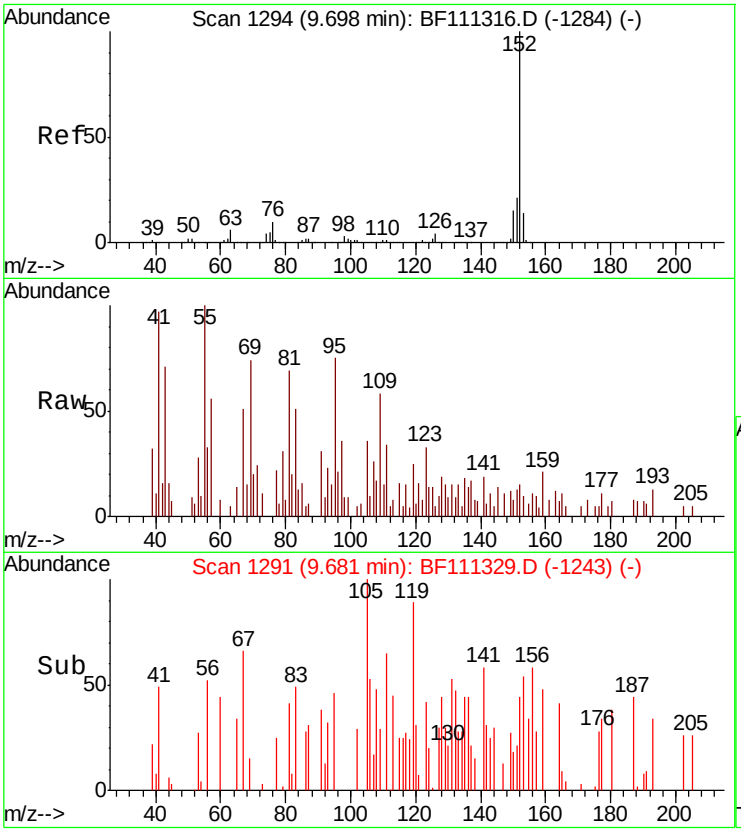


#48
2-Nitroaniline
Concen: 0.033 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion: 65 Resp: 395

Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.5	80.3#
138	42.1	80.9	121.3#



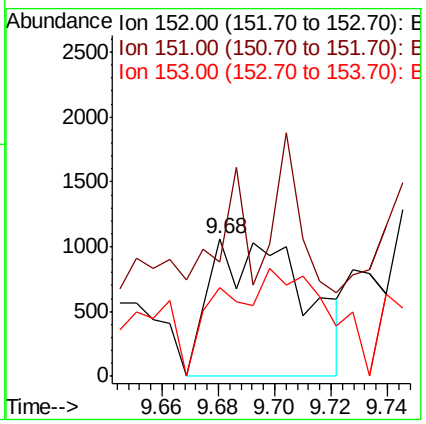


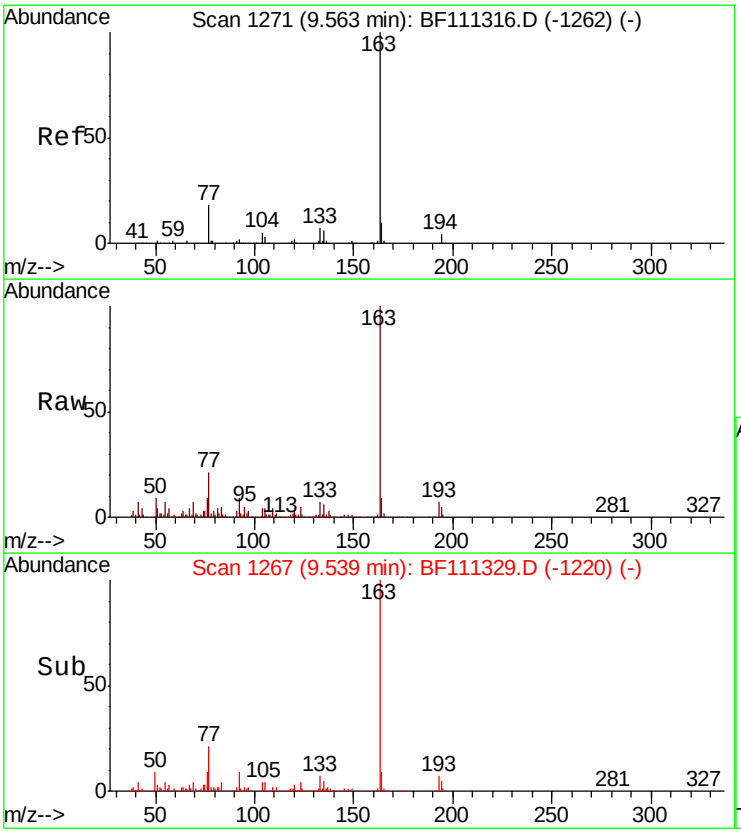
#49
Acenaphthylene
Concen: 0.046 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:152 Resp: 2438

Ion	Ratio	Lower	Upper
152	100		
151	83.3	18.0	27.0#
153	64.4	12.3	18.5#

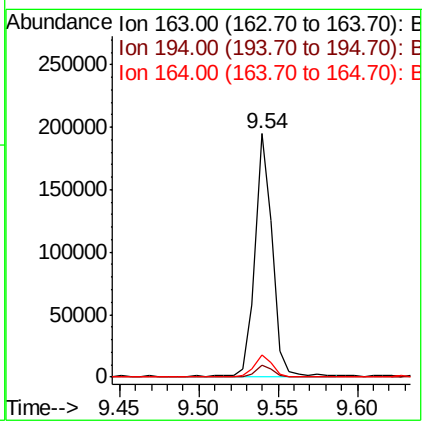


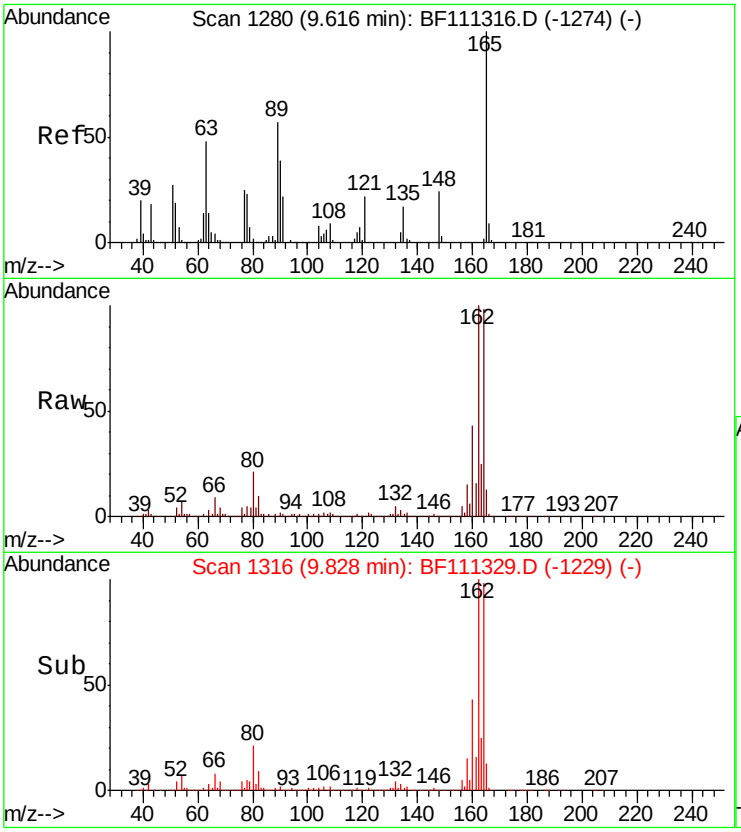


#50
Dimethylphthalate
Concen: 3.606 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:163 Resp: 145437

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.6#
164	9.3	8.9	13.3



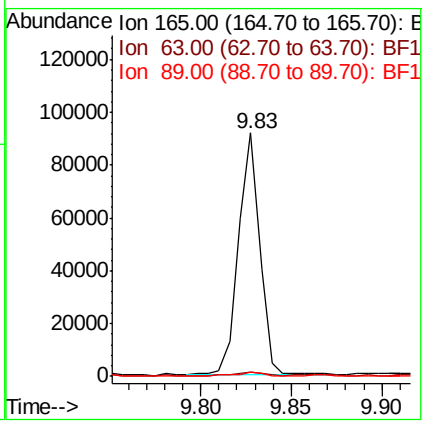


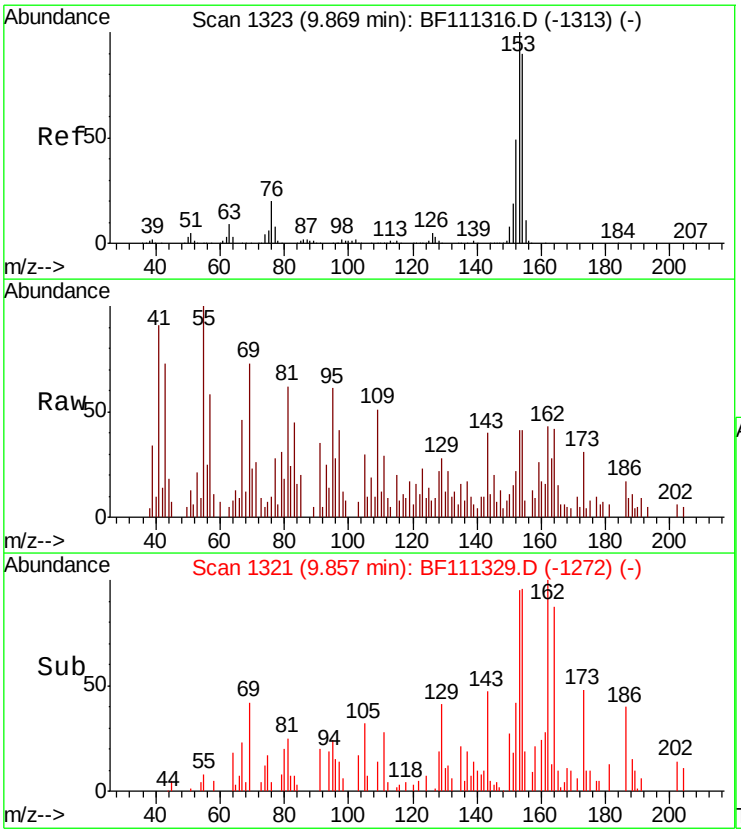
#51
2,6-Dinitrotoluene
Concen: 8.368 ng
RT: 9.83 min Scan# 1316
Delta R.T. 0.21 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:165 Resp: 74818

Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.5	60.7#
89	1.9	40.0	60.0#

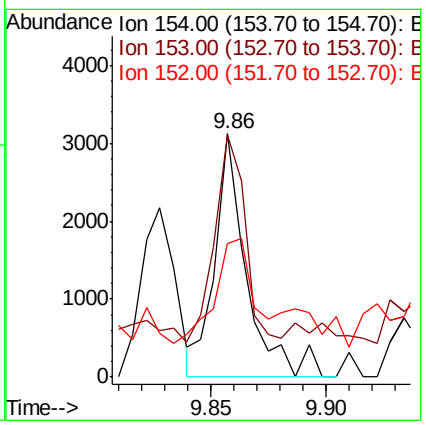


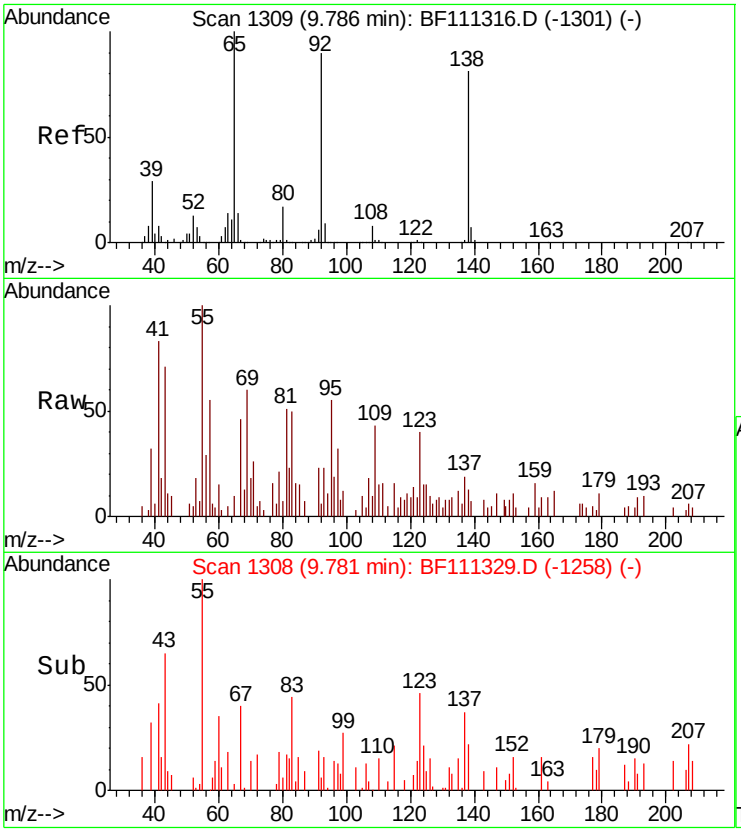


#52
Acenaphthene
Concen: 0.088 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:154 Resp: 2956

Ion	Ratio	Lower	Upper
154	100		
153	99.6	87.8	131.8
152	54.7	43.4	65.2



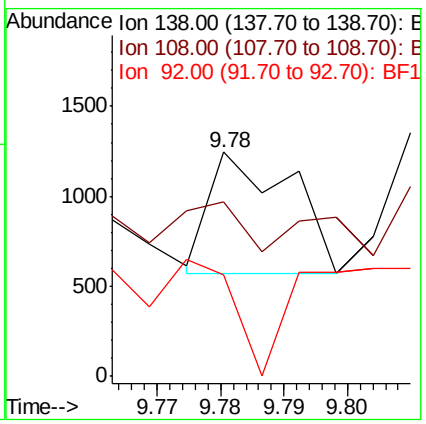


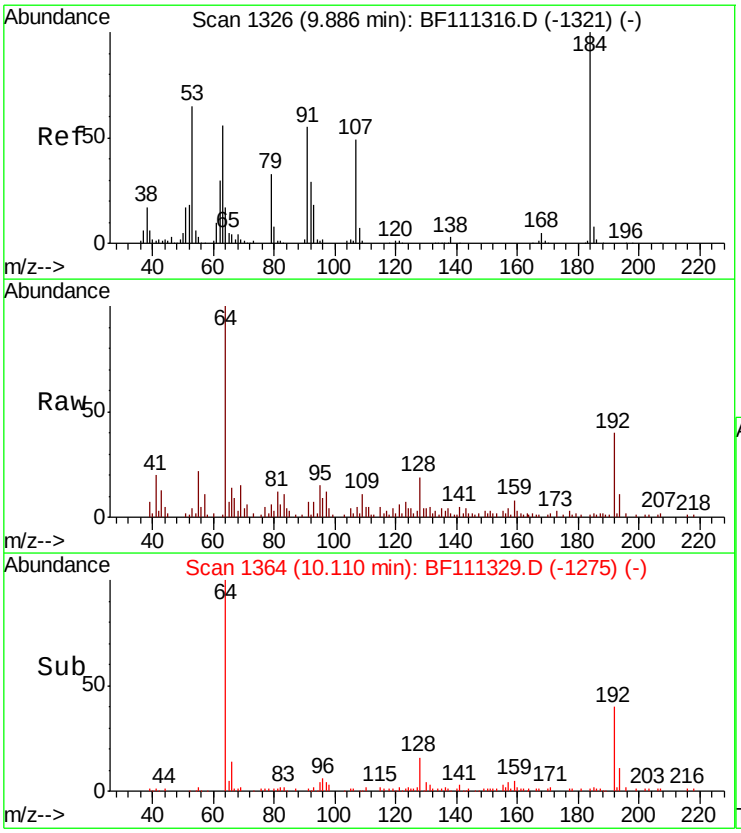
#53
3-Nitroaniline
Concen: 0.056 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:138 Resp: 599

Ion	Ratio	Lower	Upper
138	100		
108	77.7	8.2	12.4#
92	45.3	93.4	140.2#

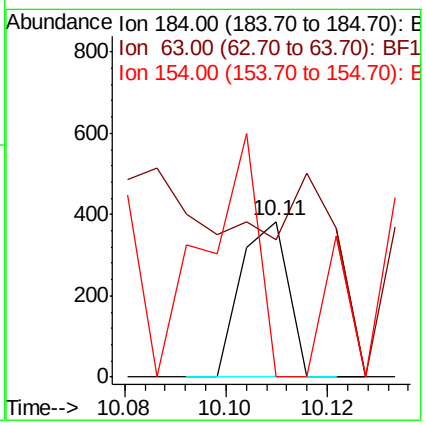


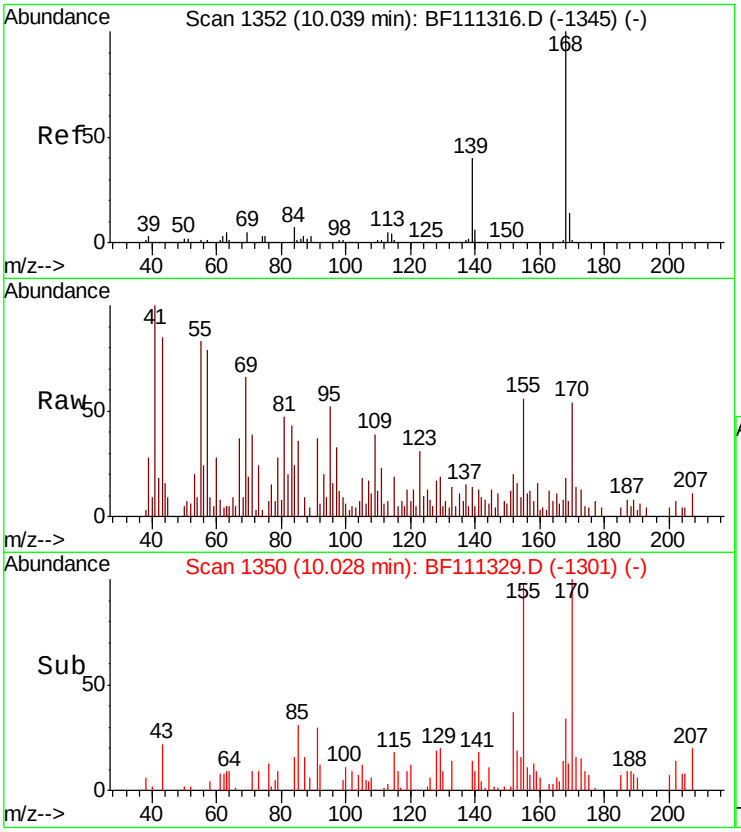


#54
2,4-Dinitrophenol
Concen: 0.070 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.22 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:184 Resp: 247

Ion	Ratio	Lower	Upper
184	100		
63	88.0	62.3	93.5
154	0.0	56.2	84.2#



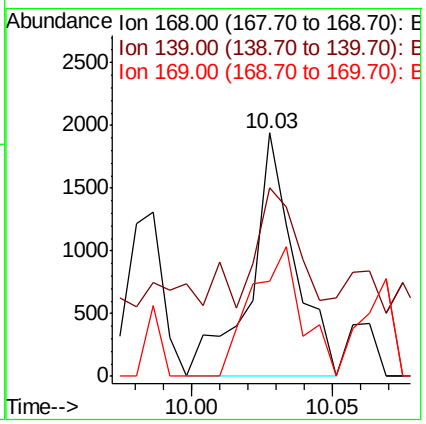


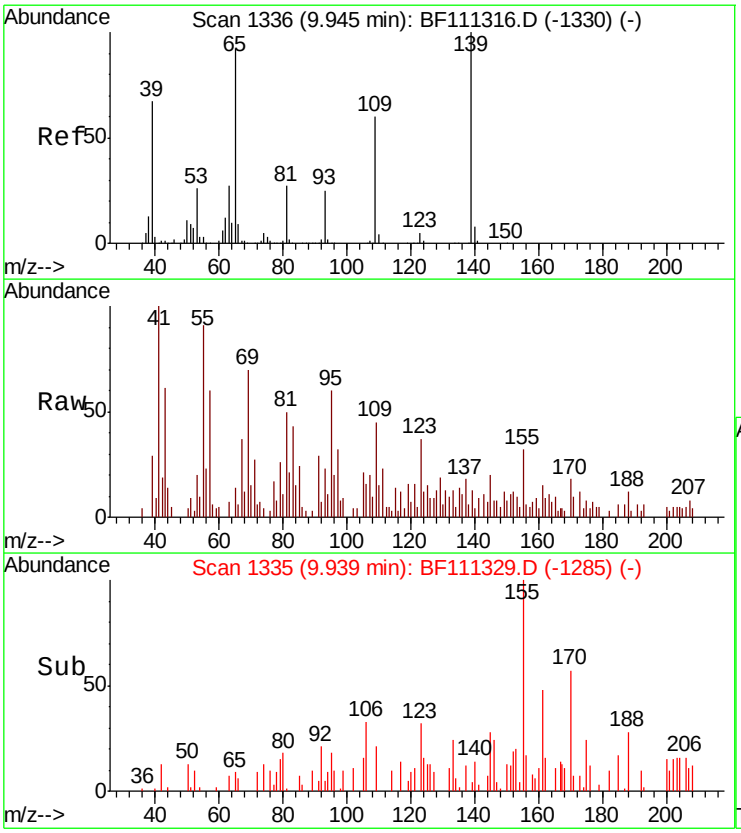
#55
Dibenzofuran
Concen: 0.043 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:168 Resp: 2088

Ion	Ratio	Lower	Upper
168	100		
139	77.3	32.6	49.0#
169	39.3	11.8	17.6#

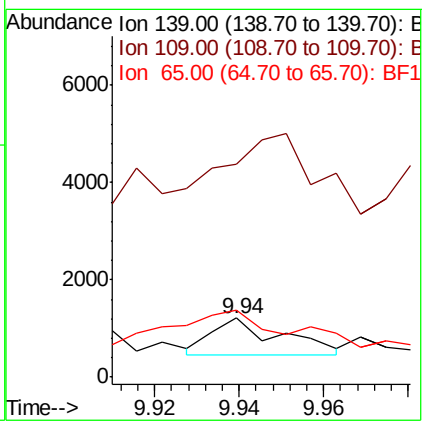


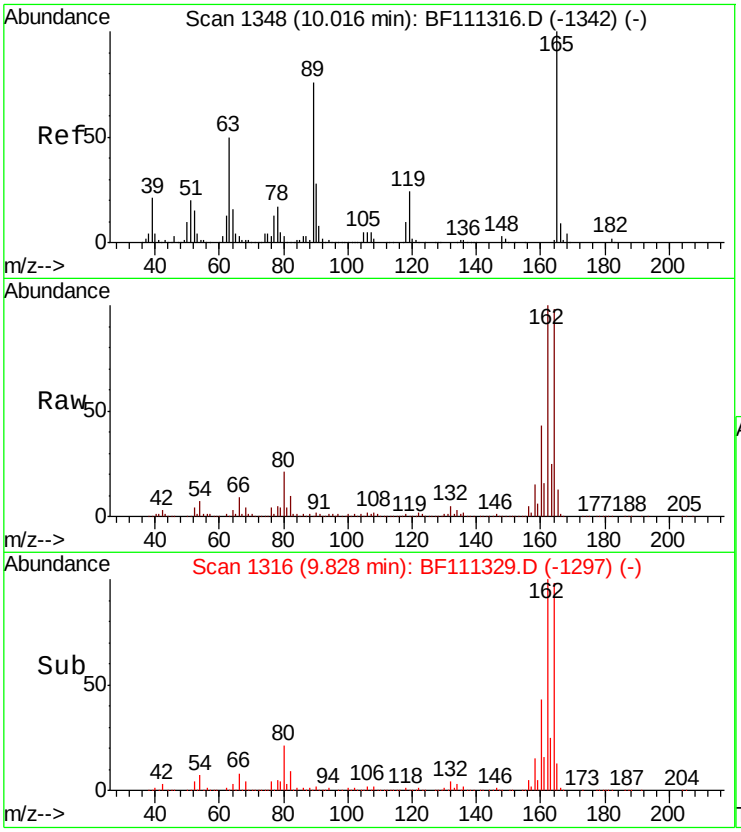


#56
4-Nitrophenol
Concen: 0.110 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:139 Resp: 853

Ion	Ratio	Lower	Upper
139	100		
109	362.6	41.8	81.8#
65	114.6	79.6	119.6



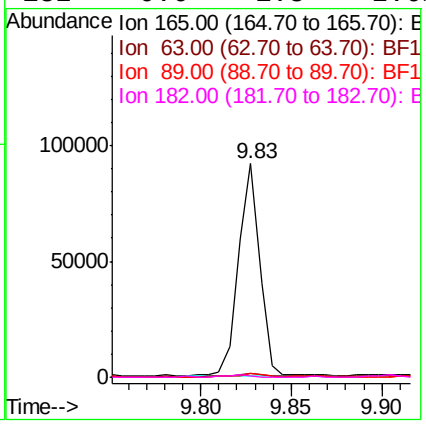


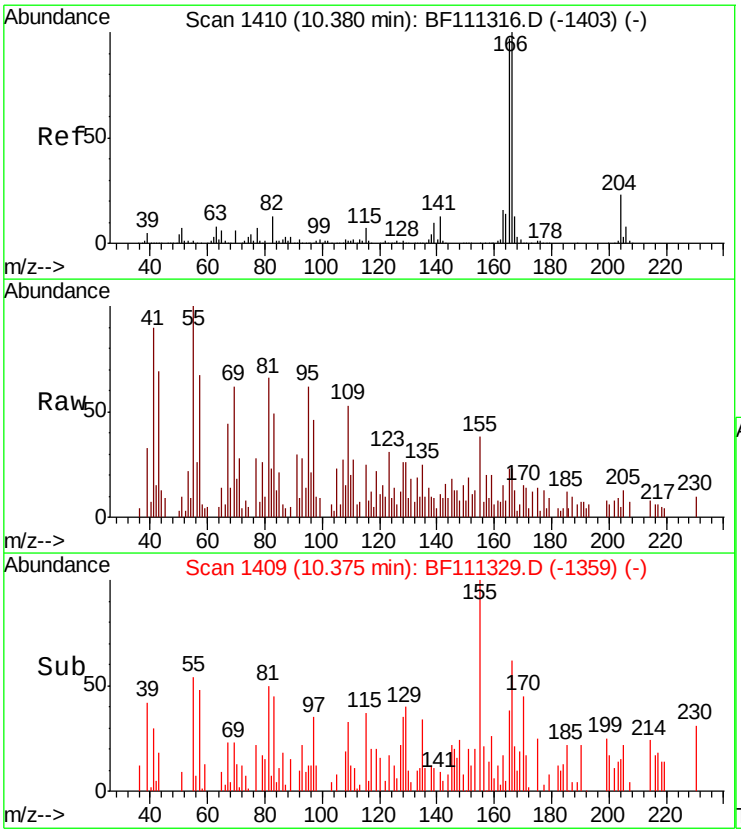
#57
2,4-Dinitrotoluene
Concen: 6.529 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:165 Resp: 74818

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.6	52.0#
89	1.9	56.2	84.4#
182	0.6	1.8	2.6#

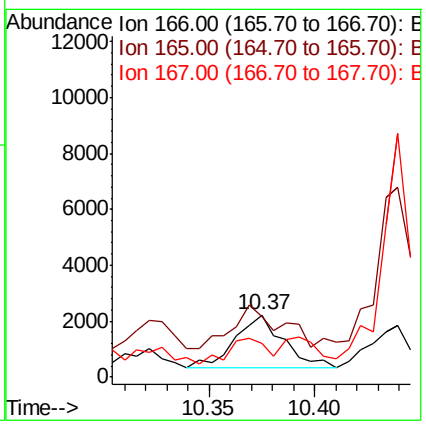


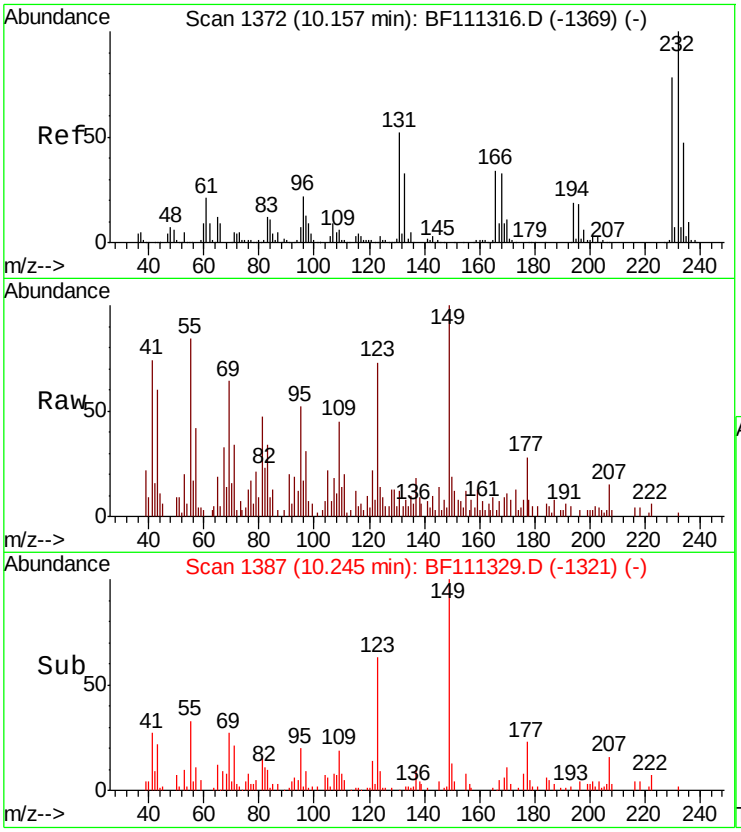


#58
Fluorene
Concen: 0.084 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:166 Resp: 2922

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.4	117.6
167	53.6	11.2	16.8#



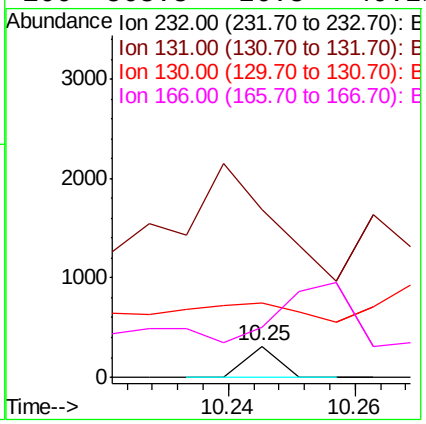


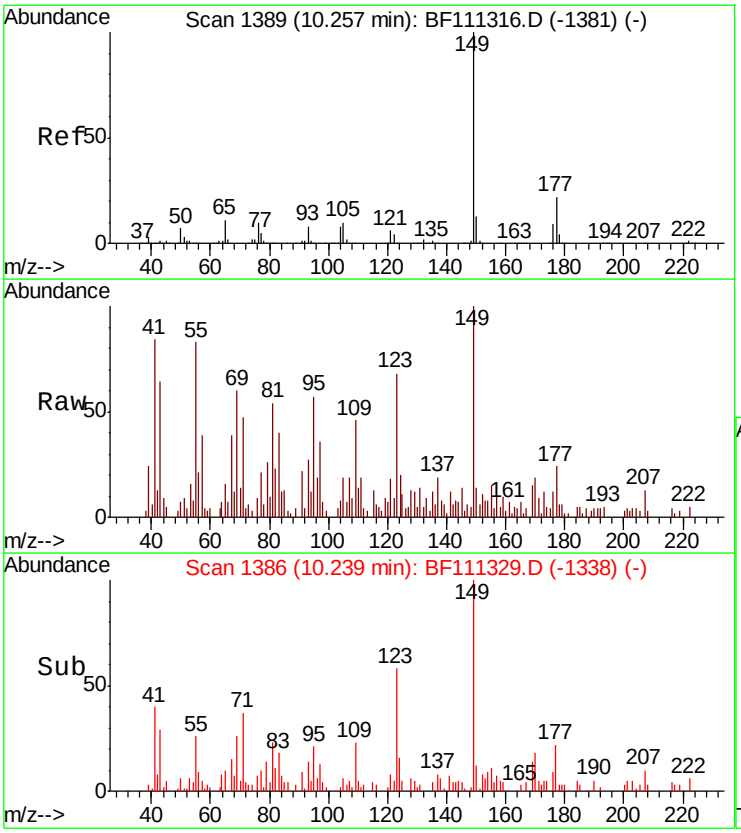
#59
2,3,4,6-Tetrachlorophenol
Concen: 0.012 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.09 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:232 Resp: 109

Ion	Ratio	Lower	Upper
232	100		
131	1068.8	40.9	61.3#
130	454.1	2.0	3.0#
166	568.8	26.8	40.2#

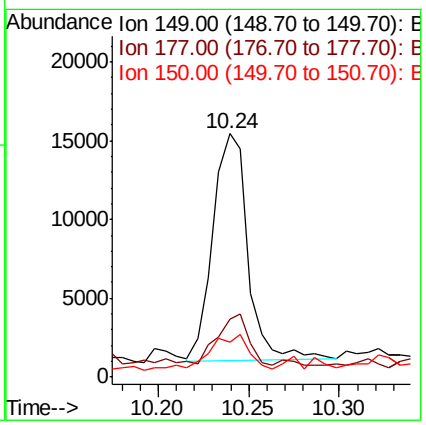


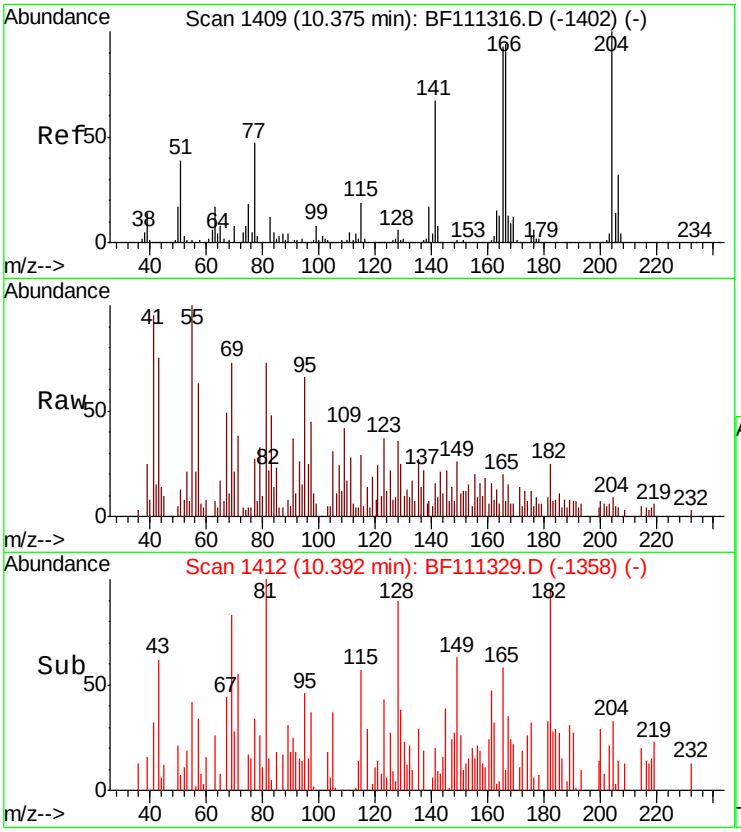


#60
Diethylphthalate
Concen: 0.476 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:149 Resp: 19343

Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	14.3	10.6	15.8



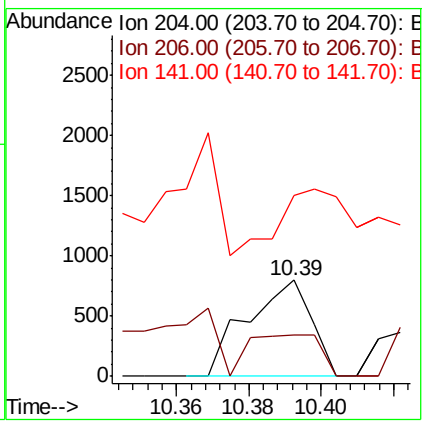


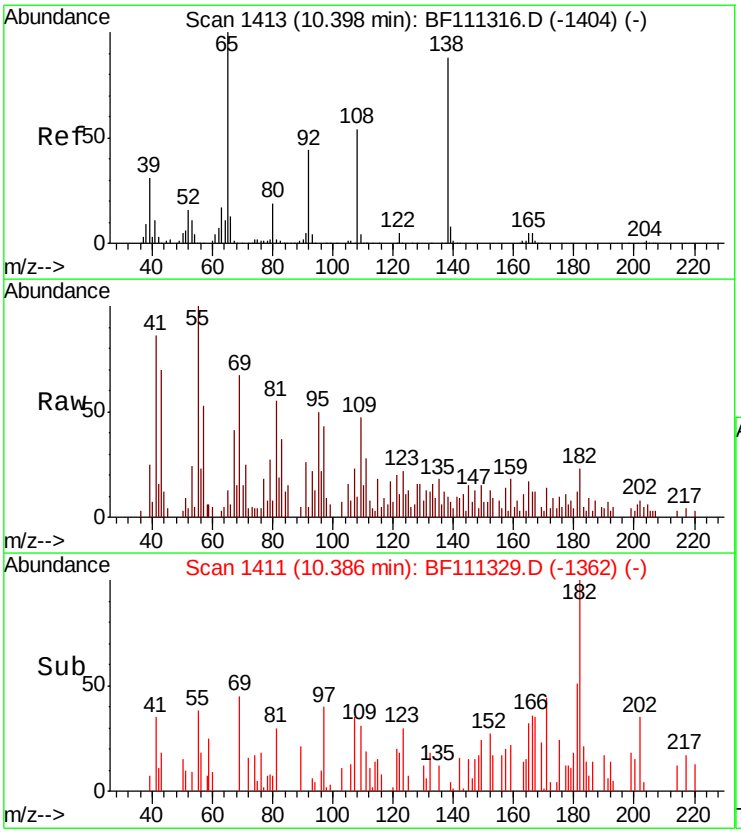
#61
4-Chlorophenyl-phenylether
Concen: 0.057 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:204 Resp: 985

Ion	Ratio	Lower	Upper
204	100		
206	43.7	26.6	39.8#
141	188.7	52.6	78.8#

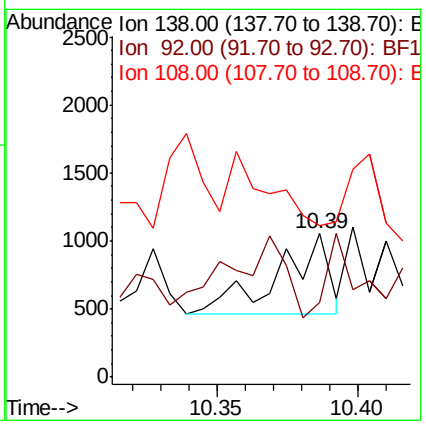


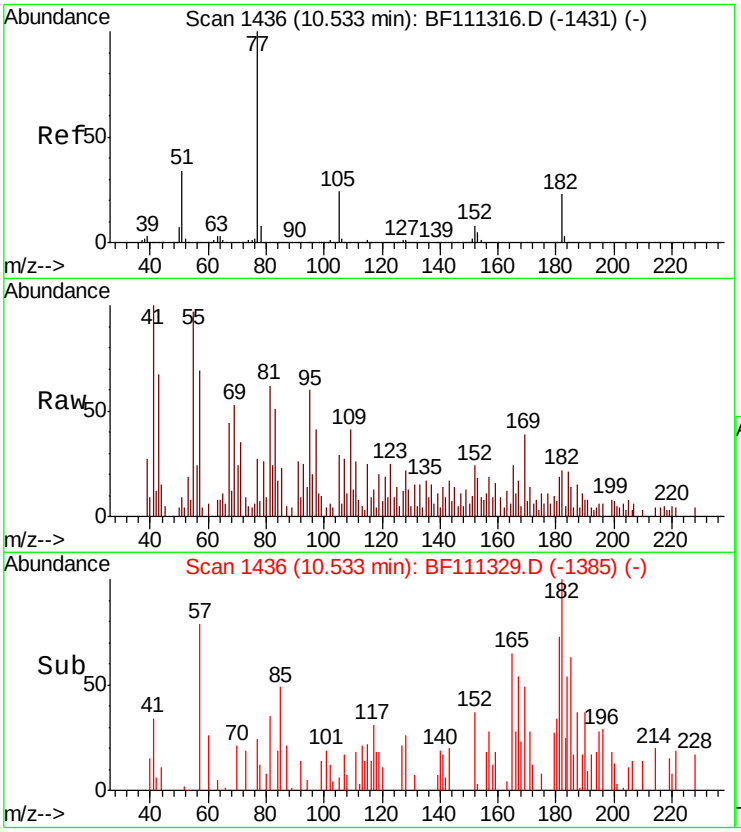


#62
4-Nitroaniline
Concen: 0.070 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:138 Resp: 718

Ion	Ratio	Lower	Upper
138	100		
92	52.2	29.9	69.9
108	106.1	43.2	83.2#



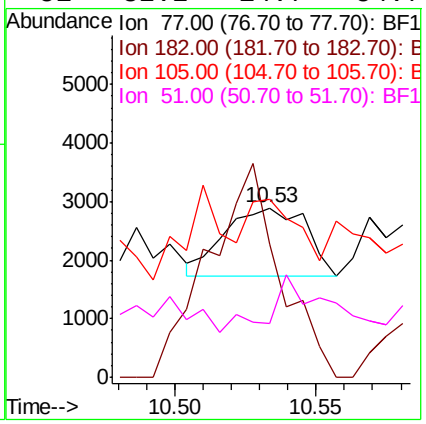


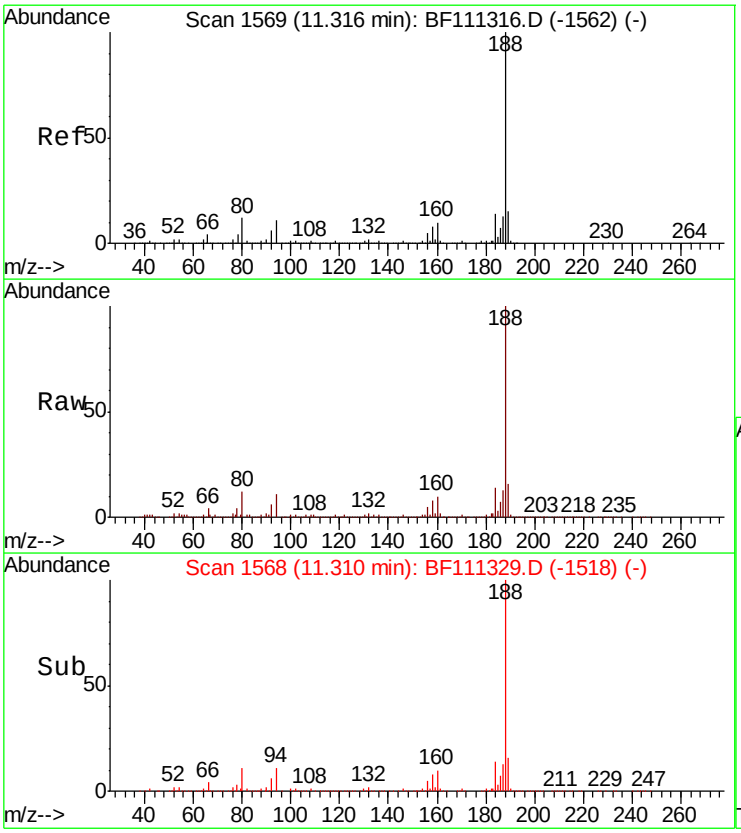
#63
Azobenzene
Concen: 0.056 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion: 77 Resp: 2300

Ion	Ratio	Lower	Upper
77	100		
182	79.0	4.9	44.9#
105	105.2	6.0	46.0#
51	32.2	14.7	54.7

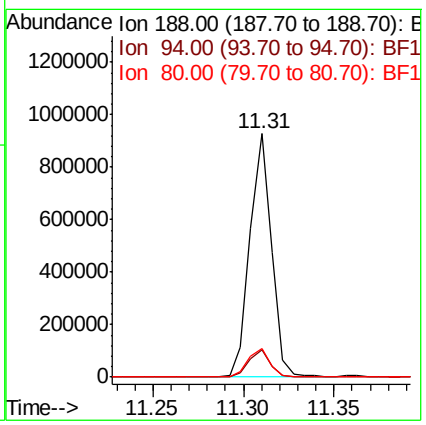


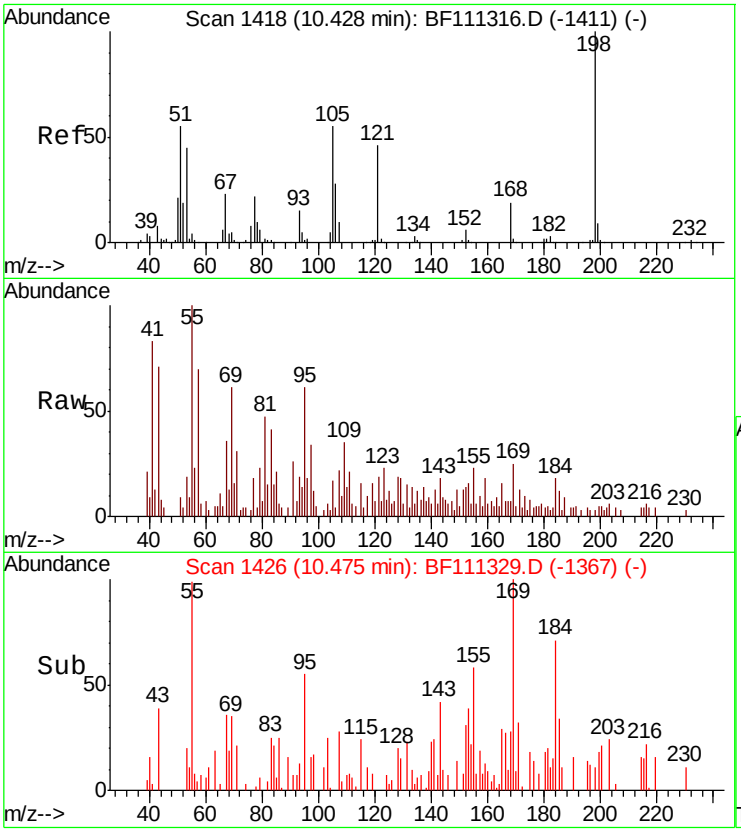


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:188 Resp: 775122

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.6	14.4
80	11.6	9.8	14.6



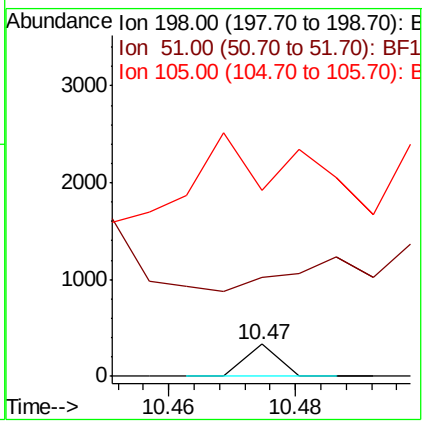


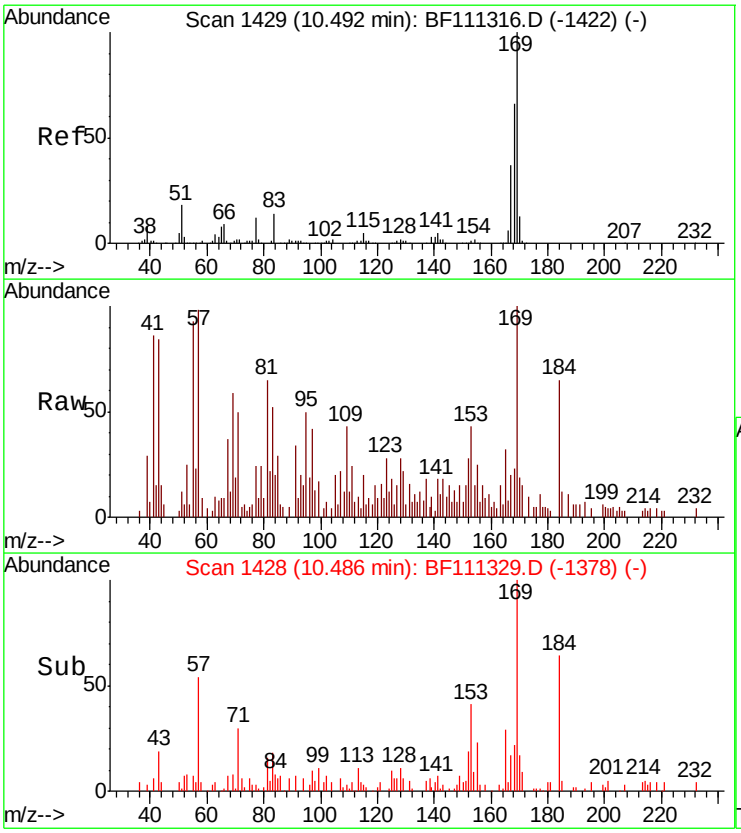
#65
4,6-Dinitro-2-methylphenol
Concen: 0.026 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.05 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:198 Resp: 117

Ion	Ratio	Lower	Upper
198	100		
51	308.2	48.0	88.0#
105	581.9	34.0	74.0#

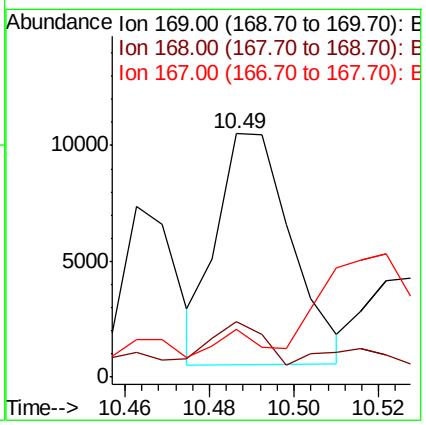


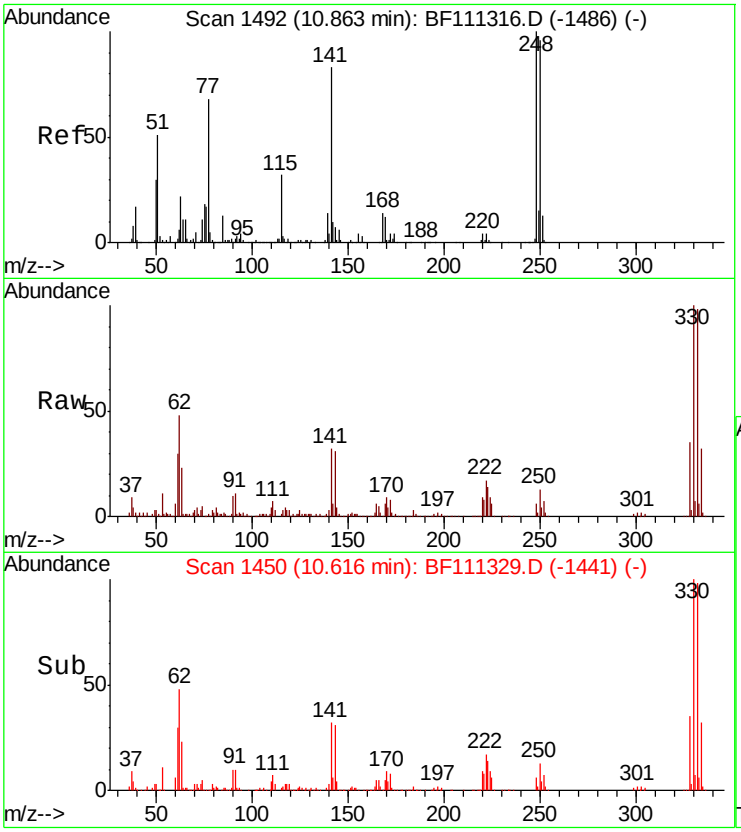


#66
n-Nitrosodiphenylamine
Concen: 0.444 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:169 Resp: 12238

Ion	Ratio	Lower	Upper
169	100		
168	22.8	54.4	81.6#
167	19.8	30.5	45.7#



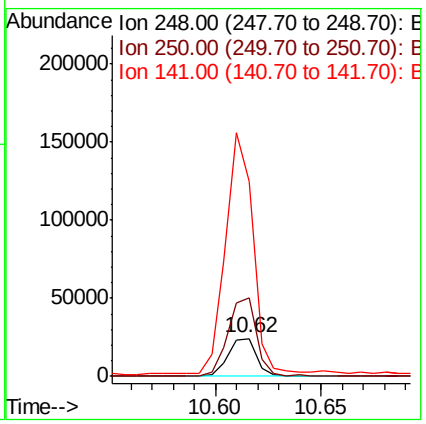


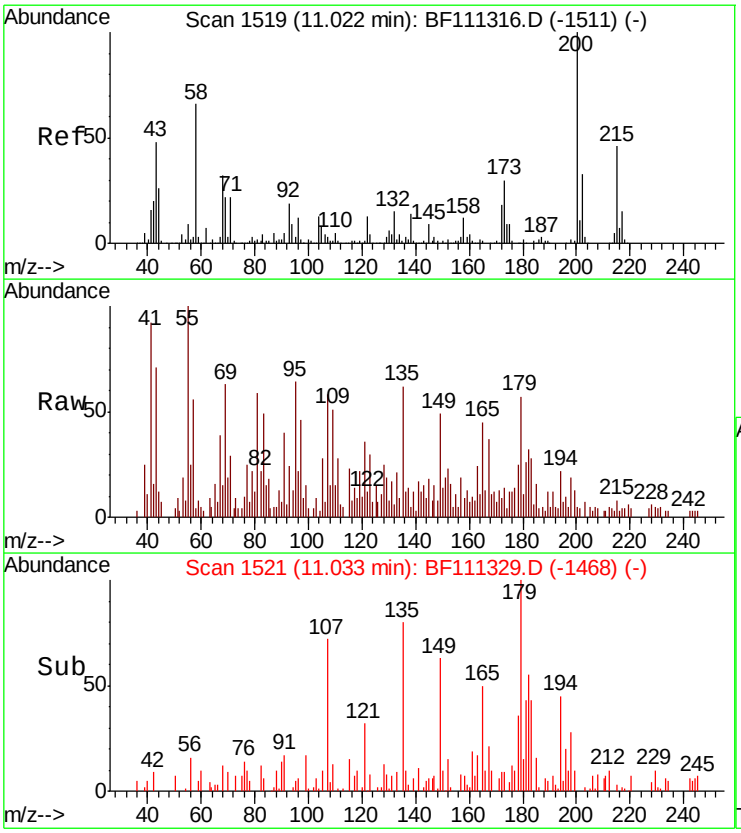
#67
4-Bromophenyl-phenylether
Concen: 2.642 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:248 Resp: 22798

Ion	Ratio	Lower	Upper
248	100		
250	206.9	77.0	115.4#
141	514.2	63.0	94.6#

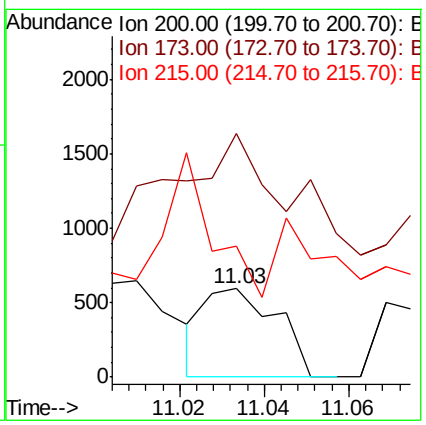


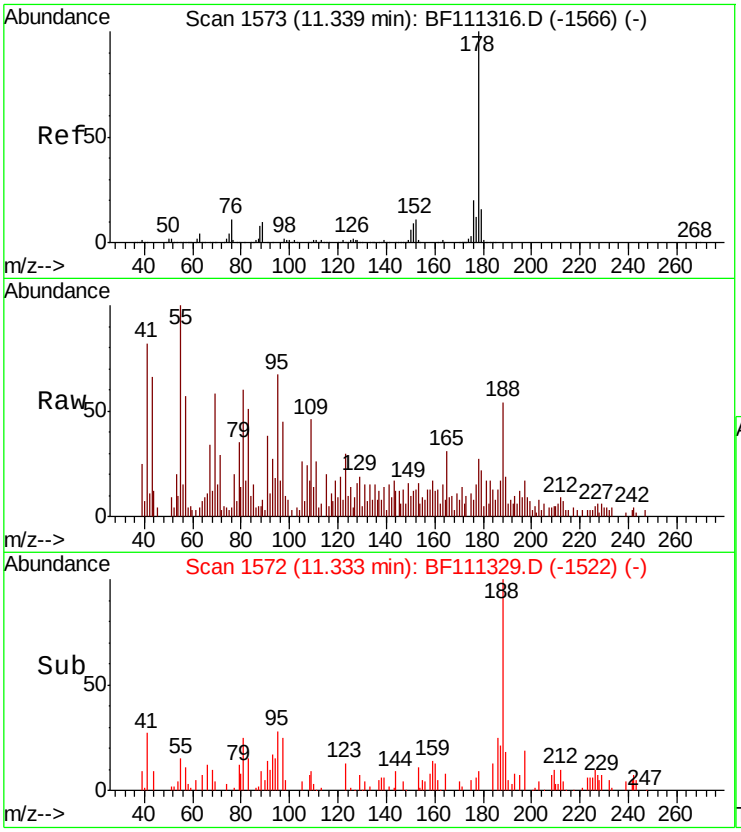


#69
Atrazine
Concen: 0.088 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:200 Resp: 701

Ion	Ratio	Lower	Upper
200	100		
173	275.9	10.1	50.1#
215	147.9	26.9	66.9#



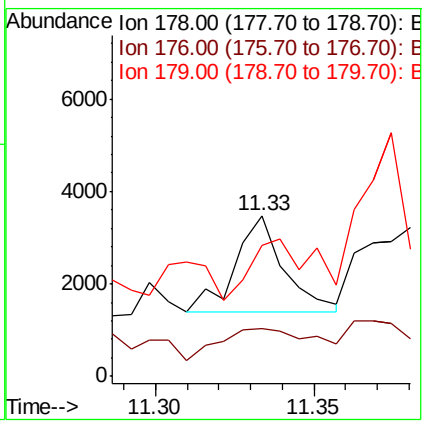


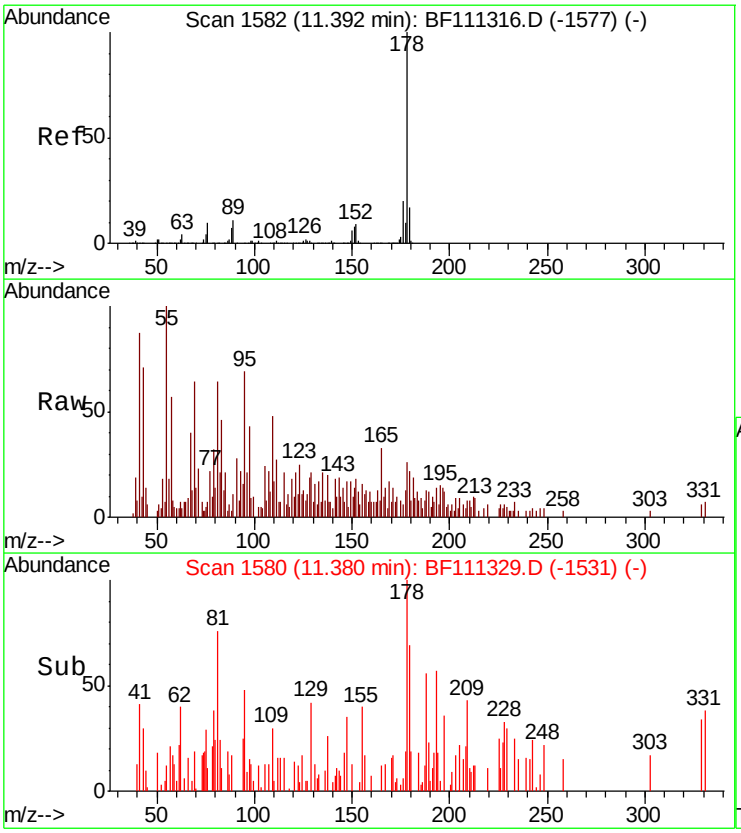
#71
Phenanthrene
Concen: 0.055 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:178 Resp: 2194

Ion	Ratio	Lower	Upper
178	100		
176	29.6	18.1	27.1#
179	81.2	14.0	21.0#

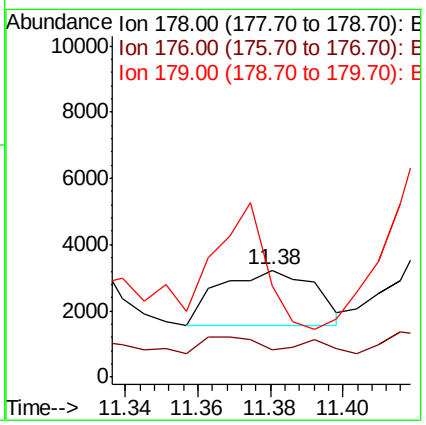


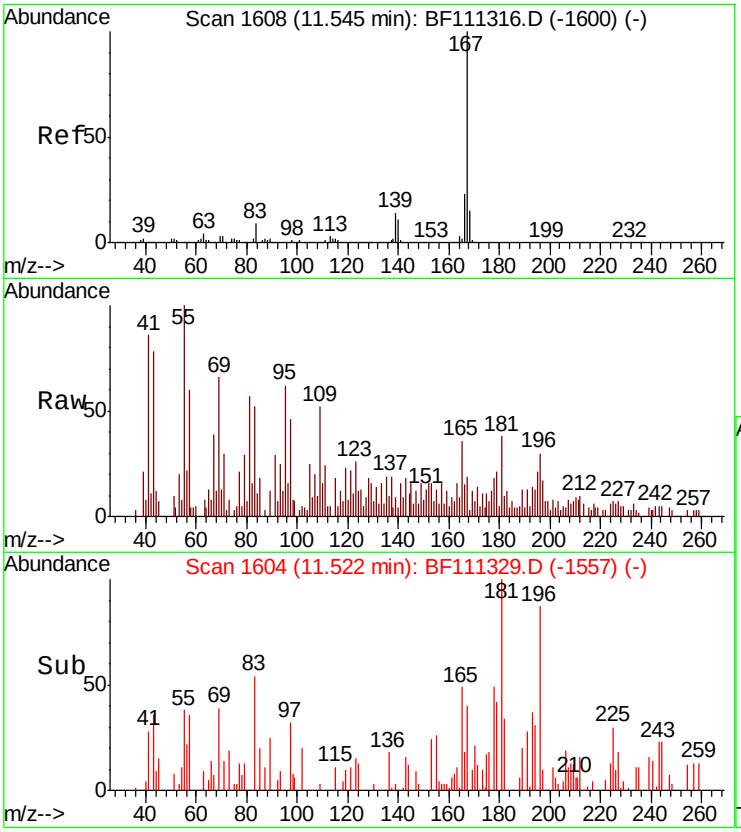


#72
Anthracene
Concen: 0.074 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:178 Resp: 3005

Ion	Ratio	Lower	Upper
178	100		
176	24.9	17.2	25.8
179	84.8	13.8	20.8#



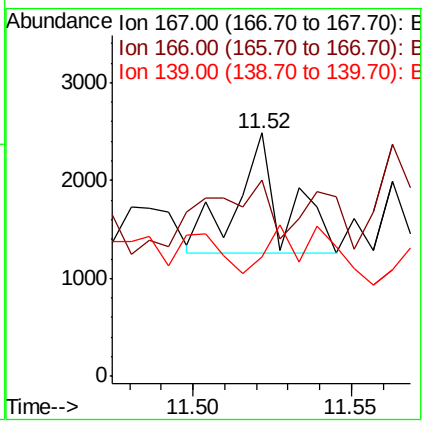


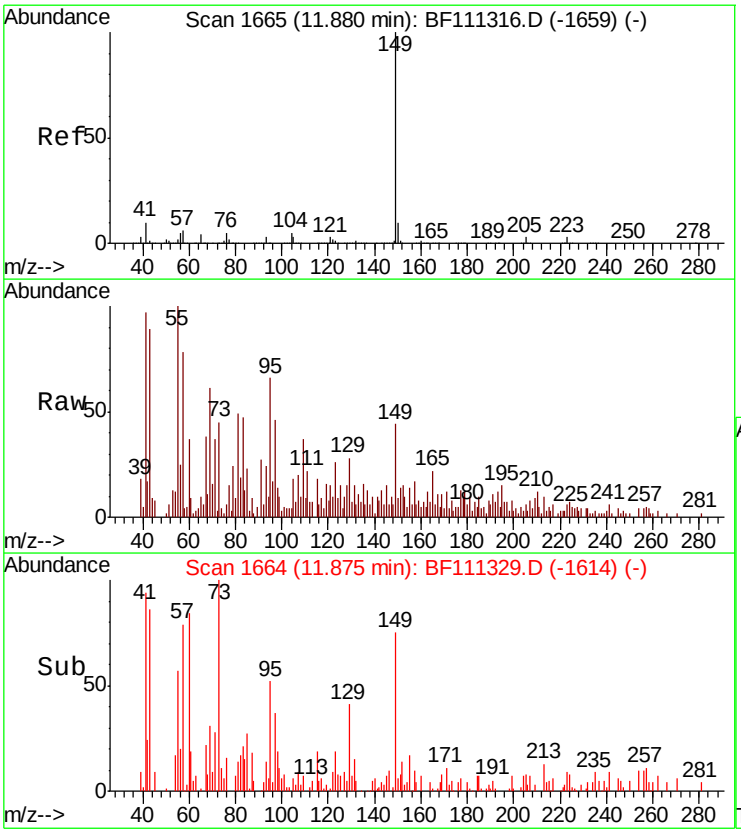
#73
Carbazole
Concen: 0.030 ng
RT: 11.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:167 Resp: 1282

Ion	Ratio	Lower	Upper
167	100		
166	80.5	19.3	28.9#
139	49.3	11.9	17.9#

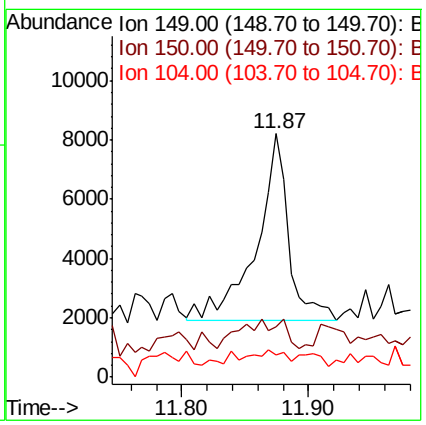


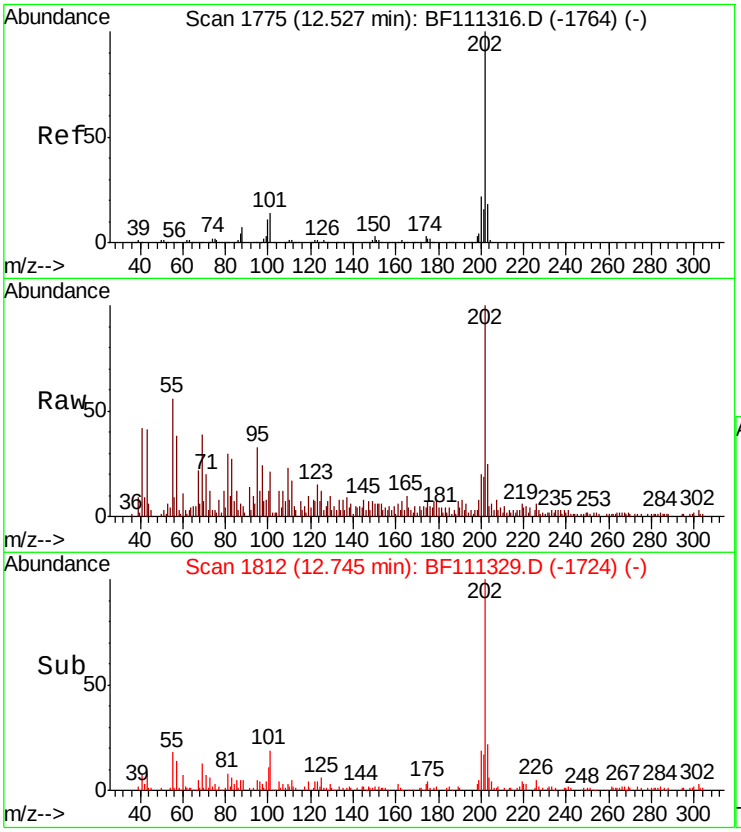


#74
Di-n-butylphthalate
Concen: 0.232 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:149 Resp: 11123

Ion	Ratio	Lower	Upper
149	100		
150	20.4	8.8	13.2#
104	9.3	4.5	6.7#



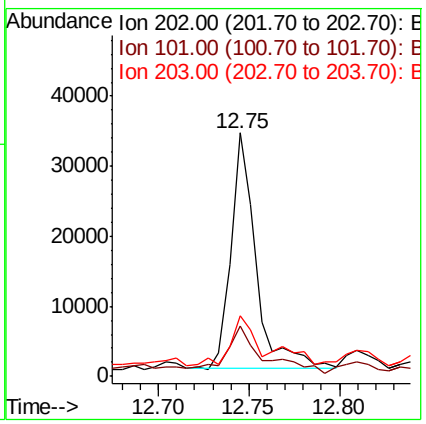


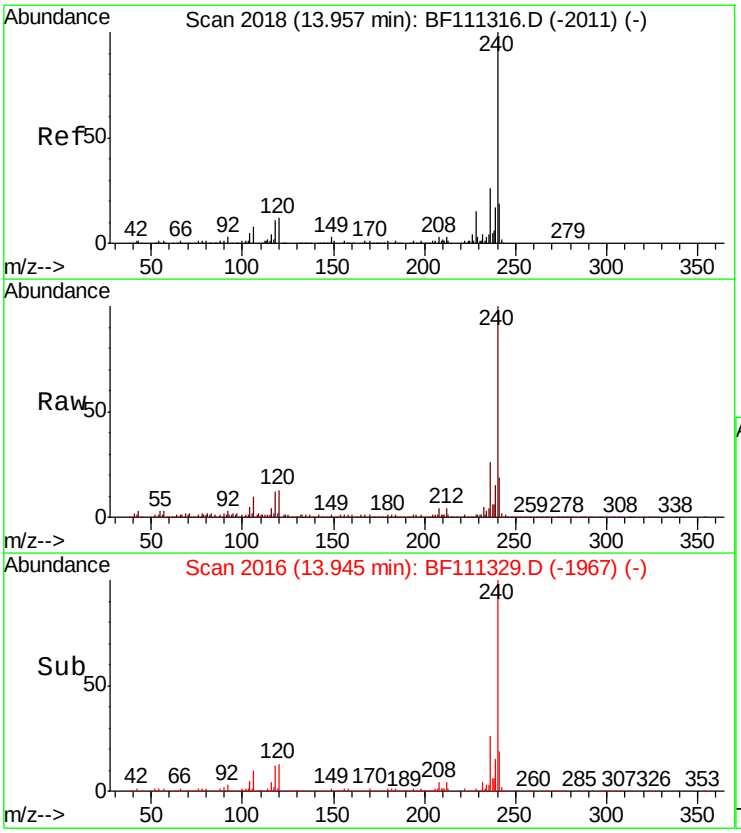
#75
Fluoranthene
Concen: 0.827 ng
RT: 12.75 min Scan# 1812
Delta R.T. 0.22 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:202 Resp: 32334

Ion	Ratio	Lower	Upper
202	100		
101	20.5	0.0	33.8
203	24.8	0.0	38.6

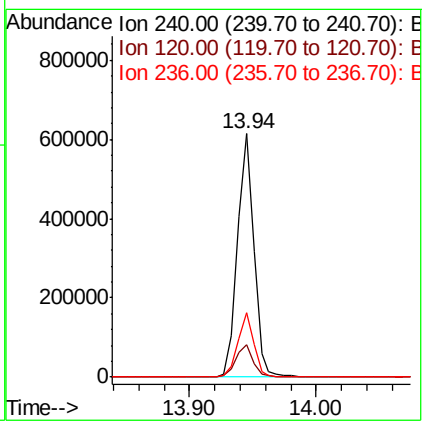


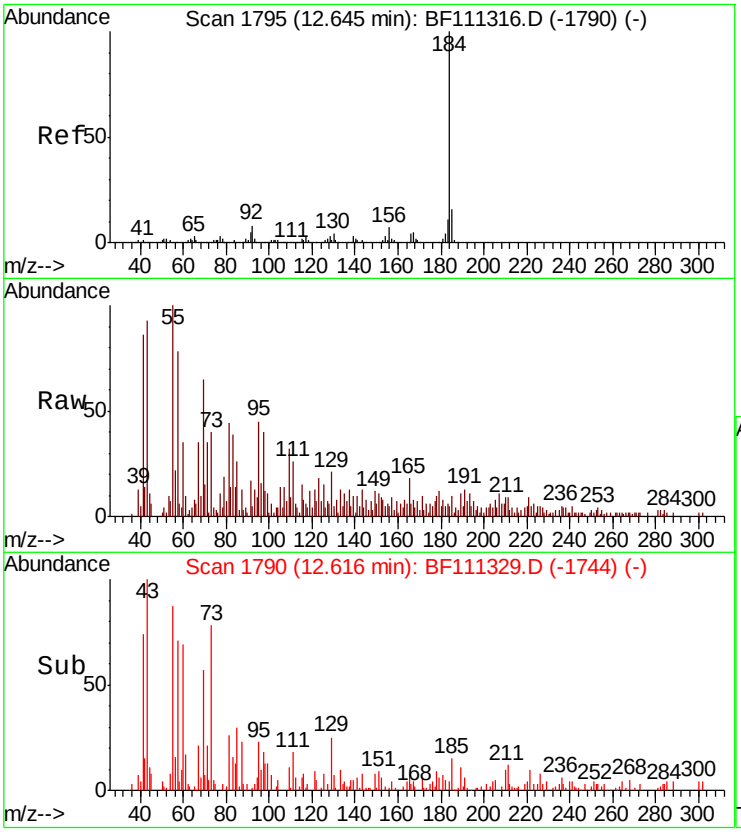


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:240 Resp: 547298

Ion	Ratio	Lower	Upper
240	100		
120	13.2	12.2	18.2
236	26.4	20.2	30.2



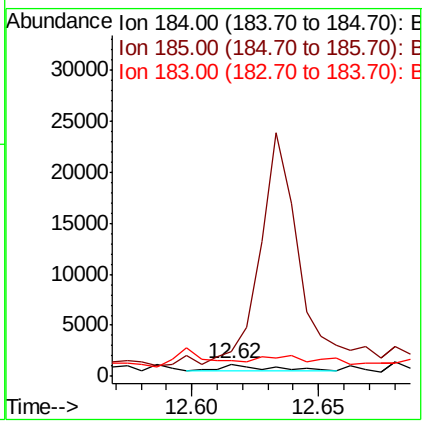


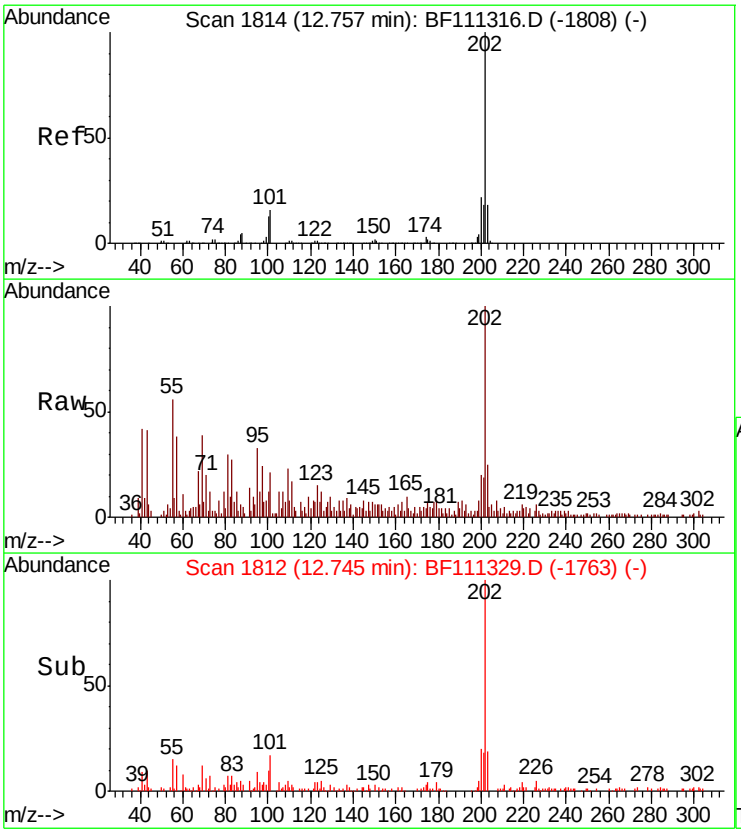
#77
Benzidine
Concen: 0.080 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:184 Resp: 828

Ion	Ratio	Lower	Upper
184	100		
185	205.0	13.0	19.6#
183	126.6	9.3	13.9#

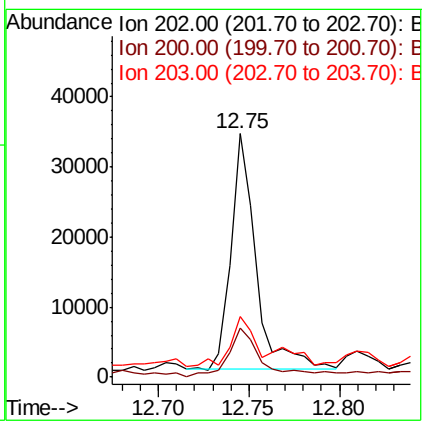


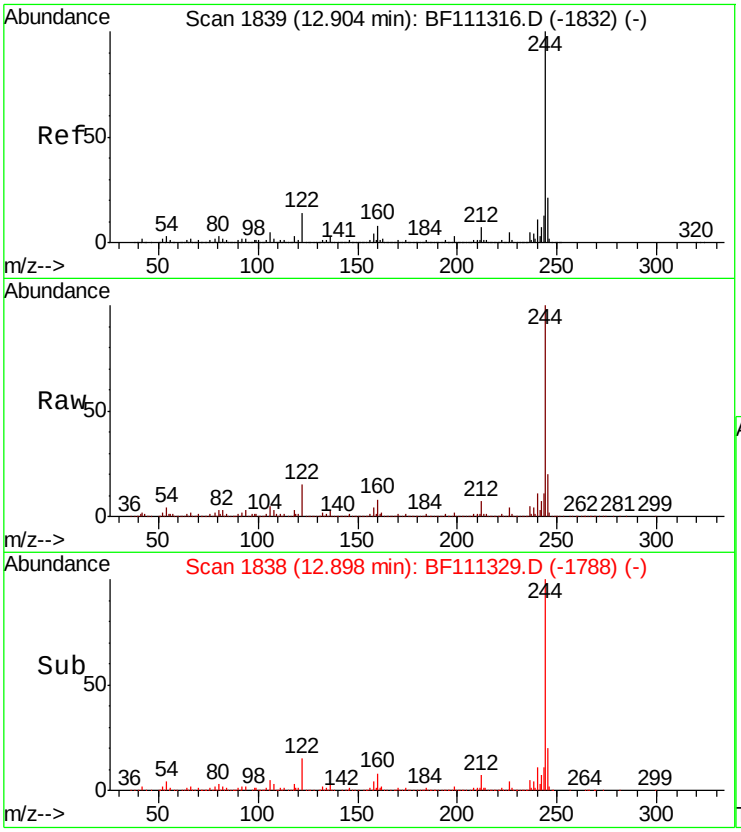


#78
Pyrene
Concen: 0.761 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:202 Resp: 32142

Ion	Ratio	Lower	Upper
202	100		
200	19.9	19.0	28.4
203	24.8	15.2	22.8#



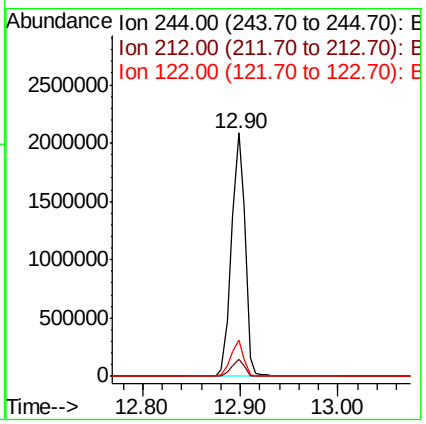


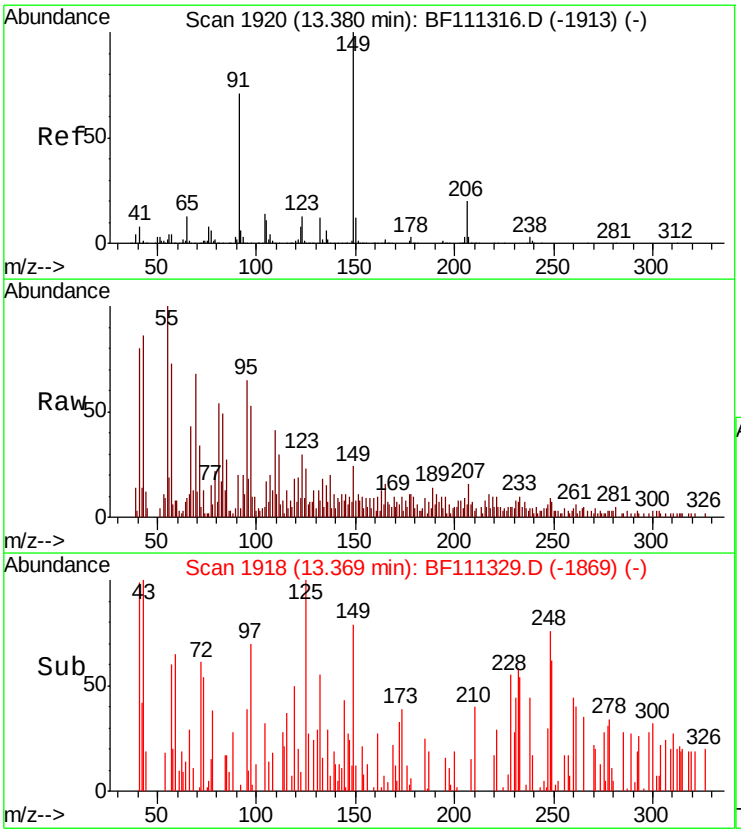
#79
Terphenyl-d14
Concen: 80.894 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:244 Resp: 2011551

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	14.7	13.1	19.7

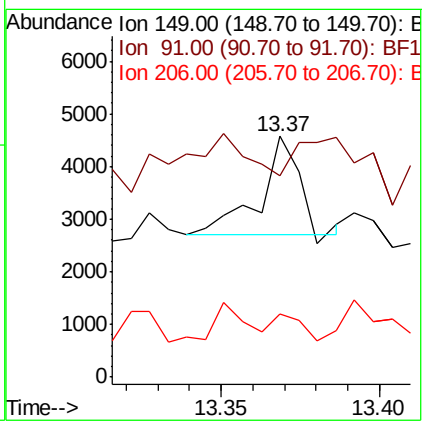


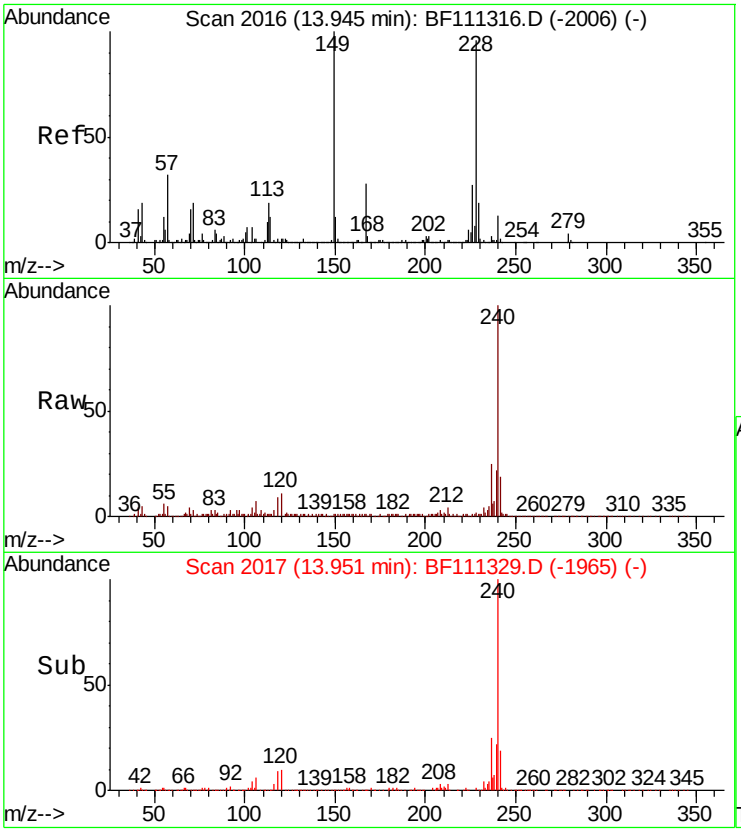


#80
Butylbenzylphthalate
Concen: 0.080 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:149 Resp: 1626

Ion	Ratio	Lower	Upper
149	100		
91	84.0	63.8	95.6
206	26.1	15.1	22.7#



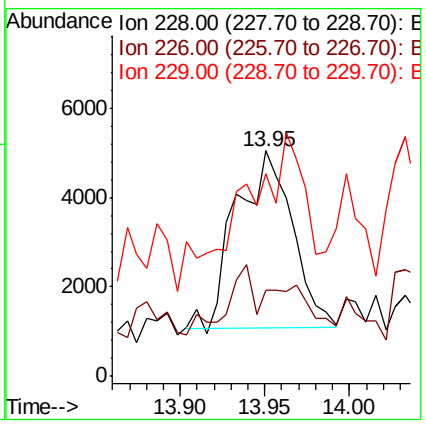


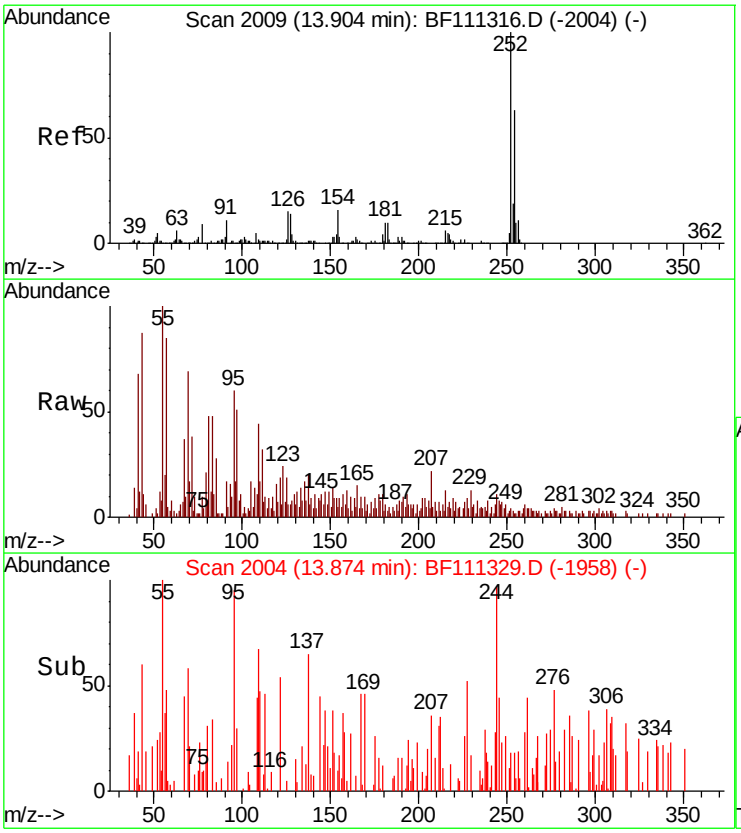
#81
Benzo(a)anthracene
Concen: 0.297 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:228 Resp: 9103

Ion	Ratio	Lower	Upper
228	100		
226	38.1	22.6	34.0#
229	90.0	16.3	24.5#

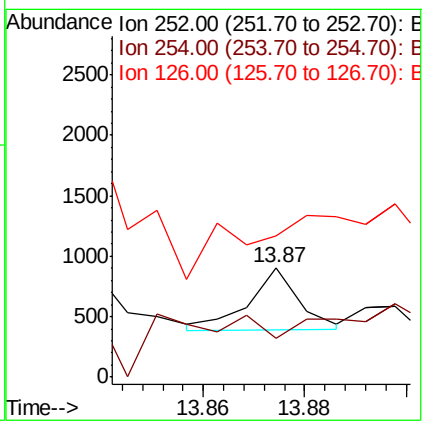


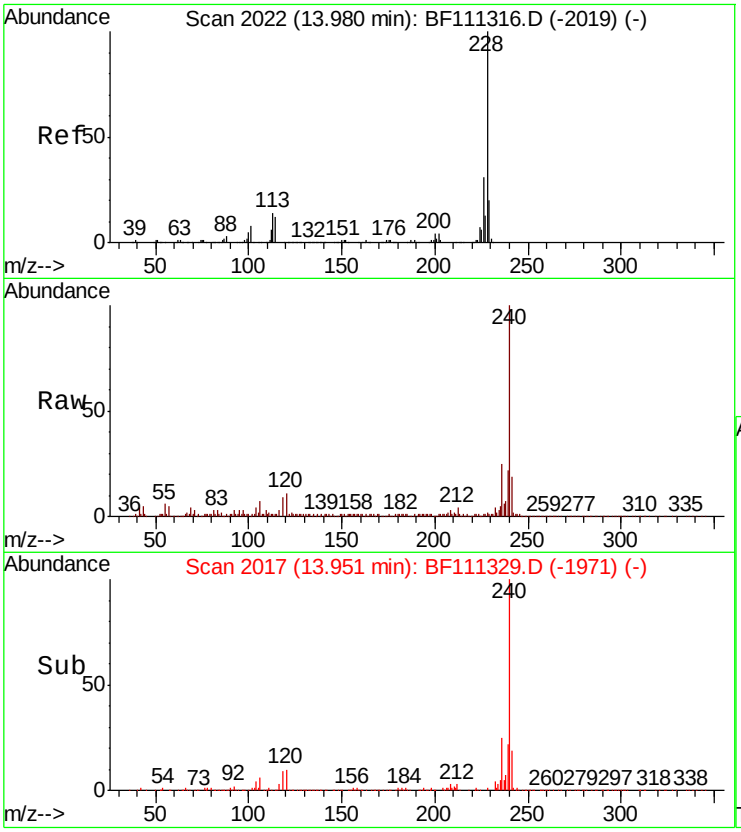


#82
3,3'-Dichlorobenzidine
Concen: 0.031 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:252 Resp: 355

Ion	Ratio	Lower	Upper
252	100		
254	35.3	52.7	79.1#
126	128.6	11.1	16.7#



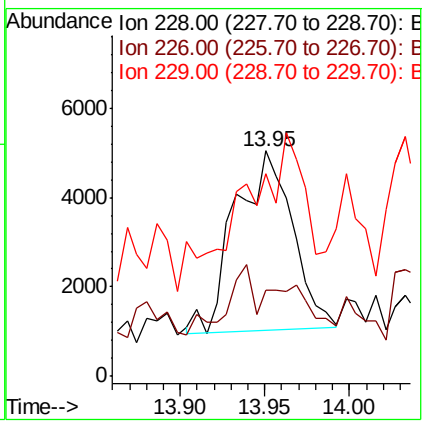


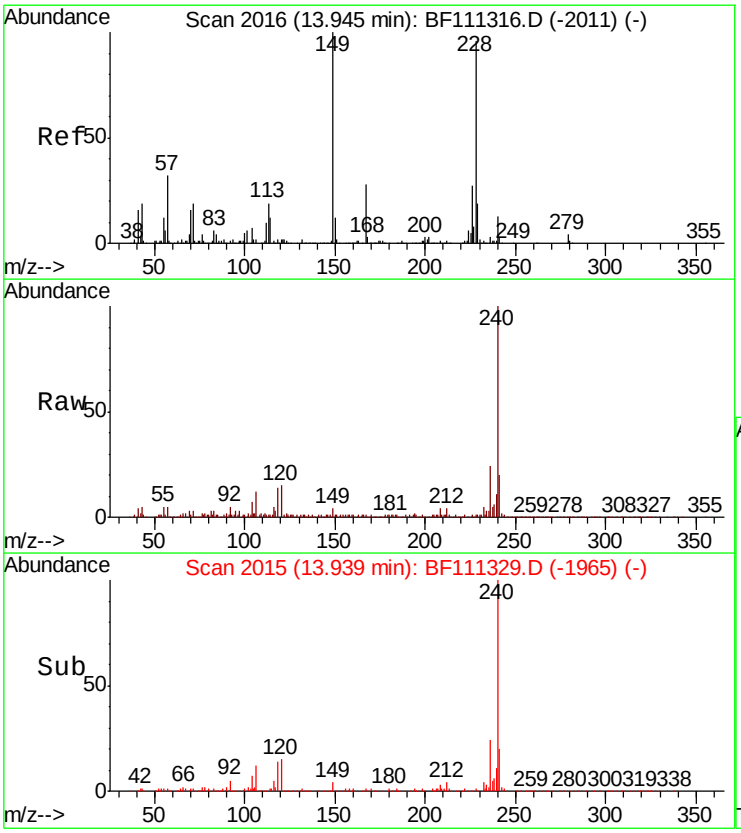
#83
Chrysene
Concen: 0.303 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:228 Resp: 9457

Ion	Ratio	Lower	Upper
228	100		
226	38.1	25.3	37.9#
229	90.0	17.2	25.8#

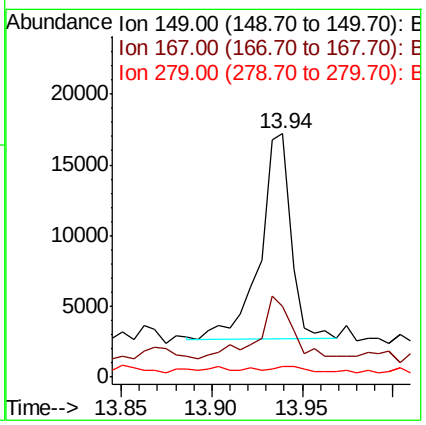


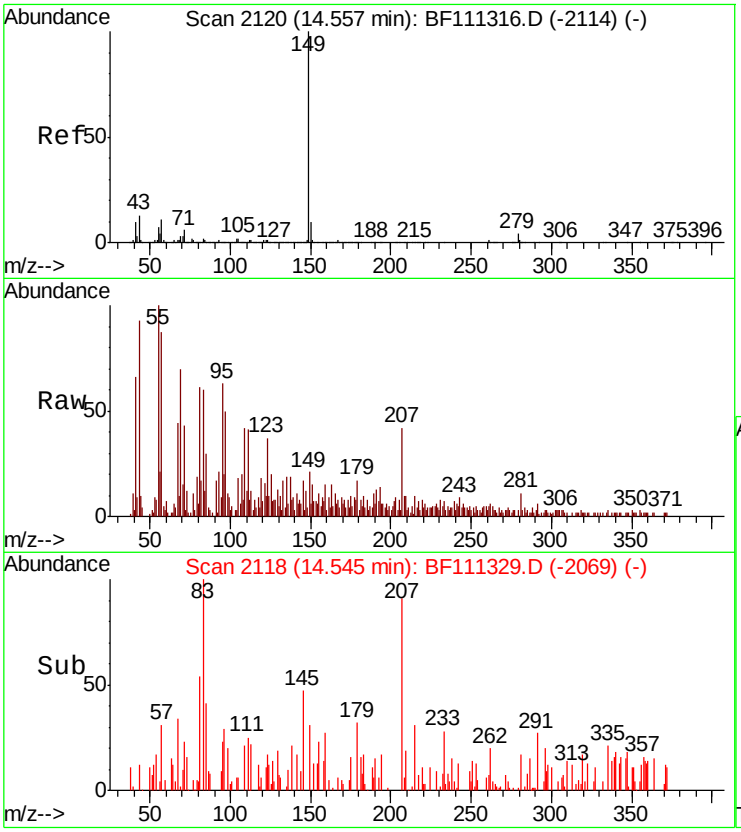


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.695 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:149 Resp: 17227

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.5	33.7
279	4.2	2.6	4.0#



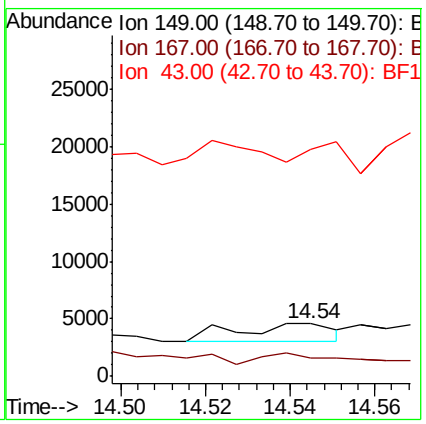


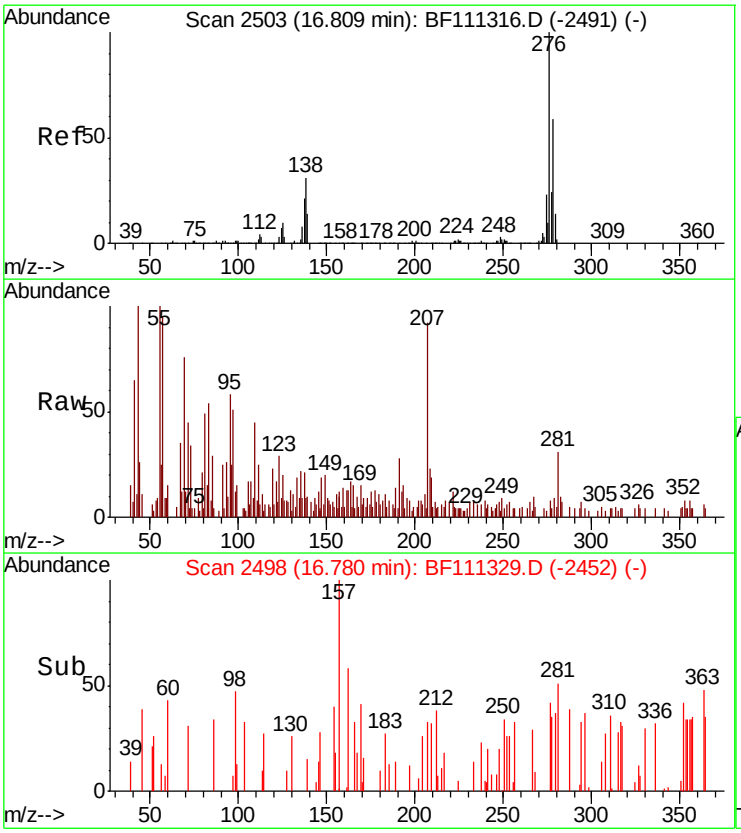
#85
Di-n-octyl phthalate
Concen: 0.058 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:149 Resp: 2373

Ion	Ratio	Lower	Upper
149	100		
167	56.1	1.3	1.9#
43	0.0	10.9	16.3#

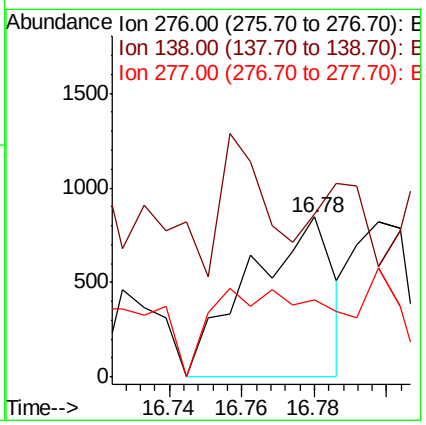


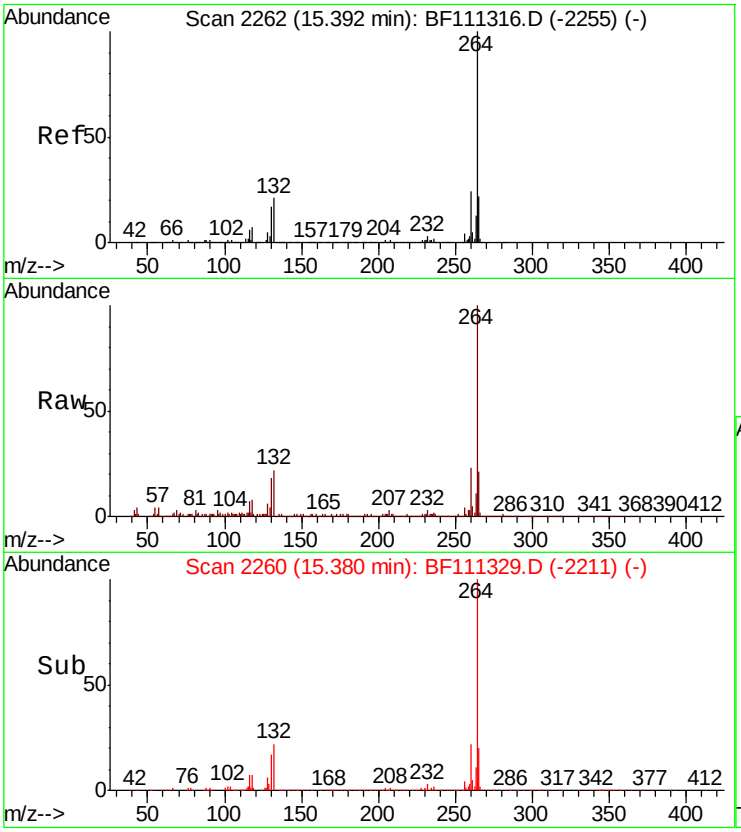


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.055 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:276 Resp: 1355

Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.8	41.6
277	24.7	20.1	30.1



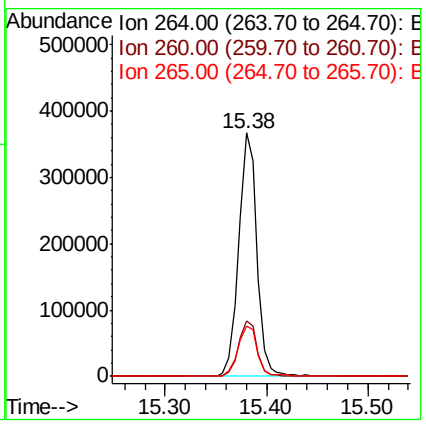


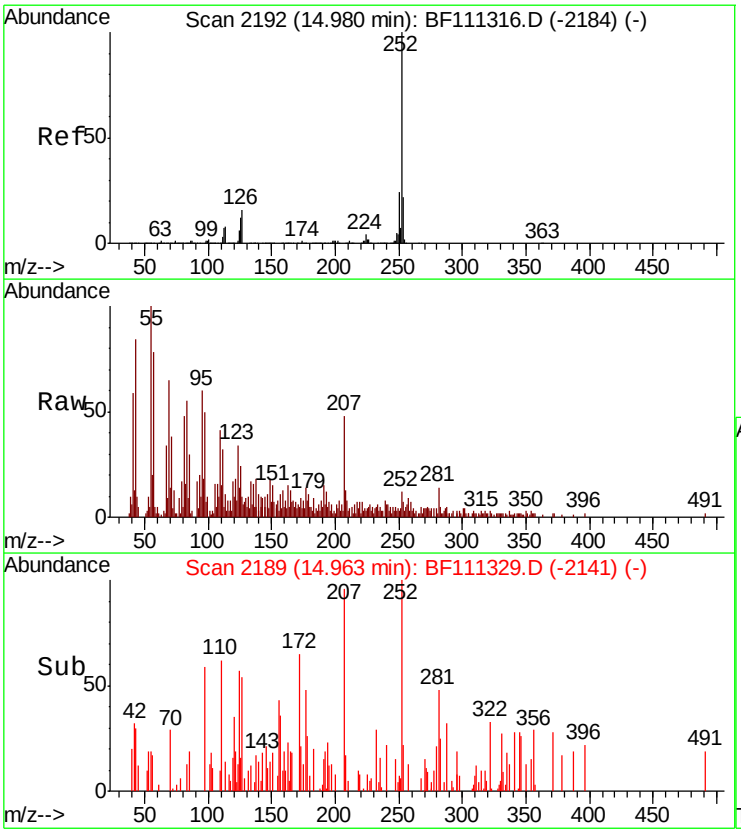
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:264 Resp: 456612

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.7	17.7	26.5

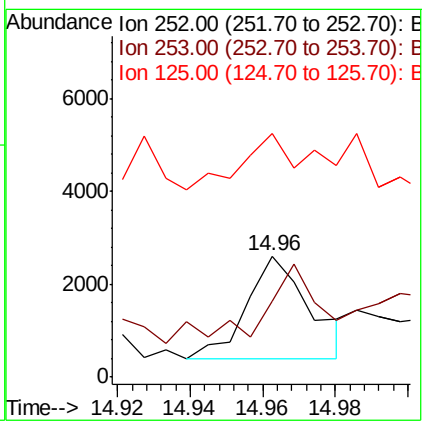


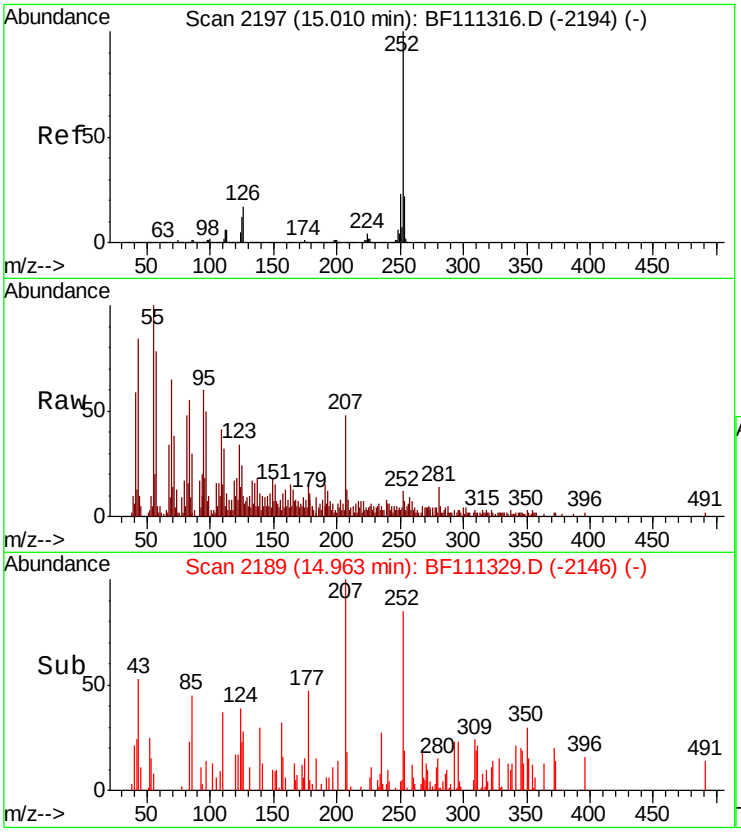


#88
Benzo(b)fluoranthene
Concen: 0.103 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:252 Resp: 2671

Ion	Ratio	Lower	Upper
252	100		
253	63.2	18.2	27.2#
125	201.4	10.4	15.6#



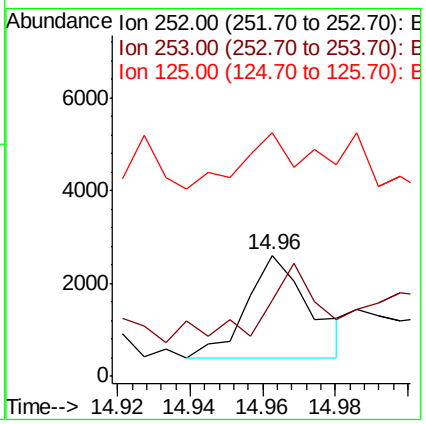


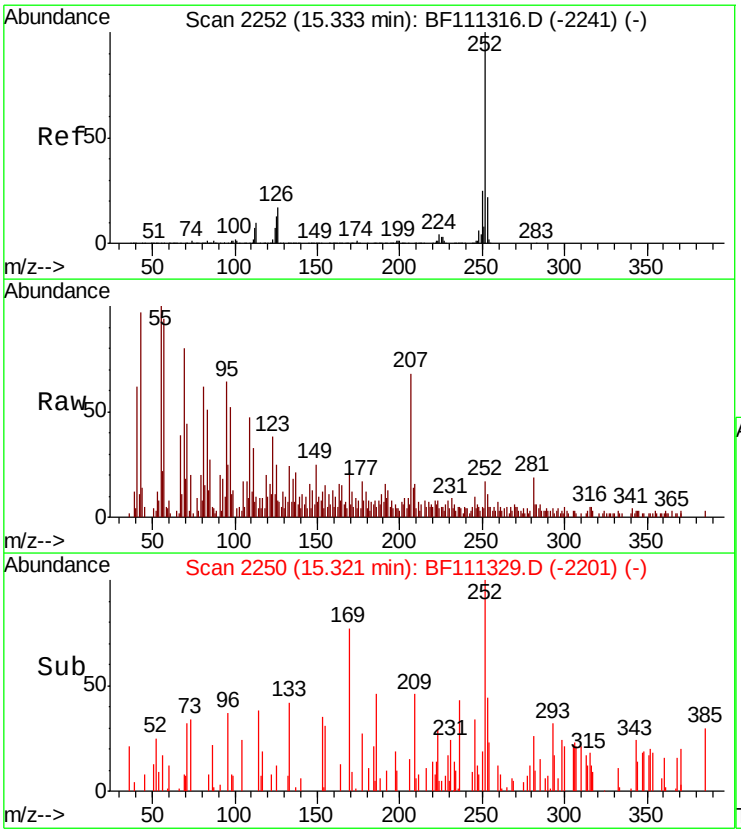
#89
Benzo(k)fluoranthene
Concen: 0.103 ng
RT: 14.96 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:252 Resp: 2671

Ion	Ratio	Lower	Upper
252	100		
253	63.2	18.1	27.1#
125	201.4	9.8	14.8#

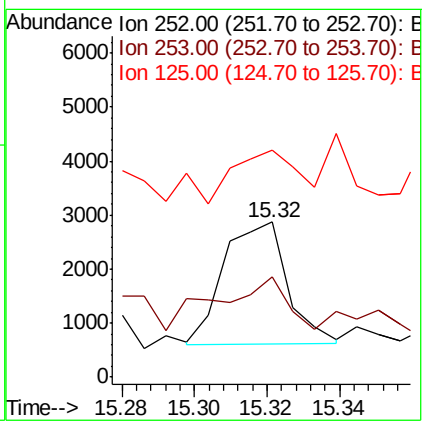


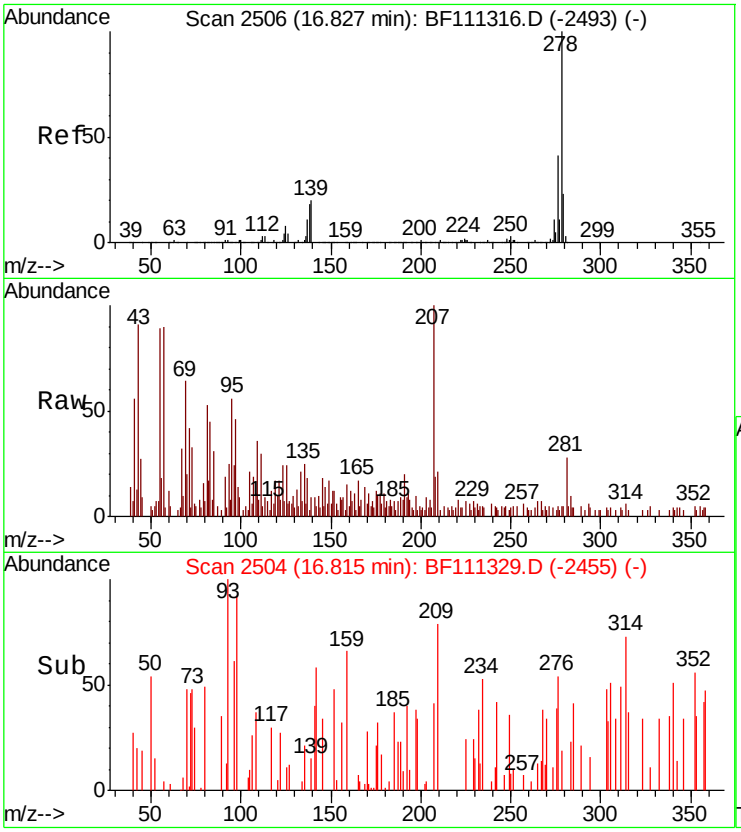


#90
Benzo(a)pyrene
Concen: 0.115 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:252 Resp: 2785

Ion	Ratio	Lower	Upper
252	100		
253	64.5	17.8	26.8#
125	146.3	12.3	18.5#



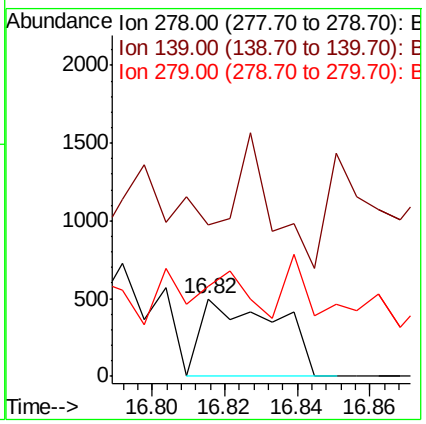


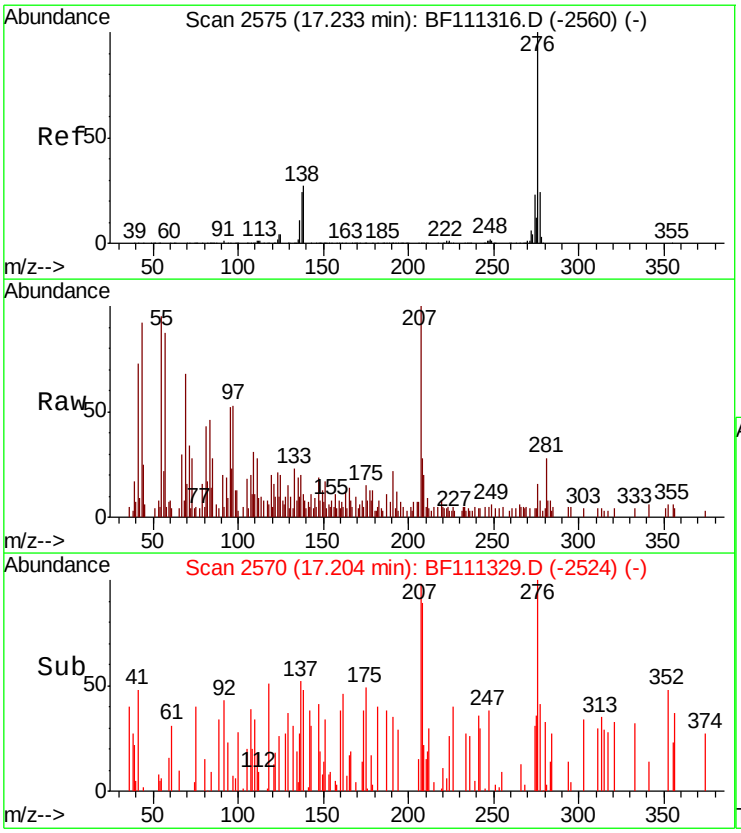
#91
Dibenzo(a,h)anthracene
Concen: 0.036 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tgt Ion:278 Resp: 721

Ion	Ratio	Lower	Upper
278	100		
139	194.6	18.2	27.4#
279	115.2	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.209 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.03 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:276 Resp: 4208

Ion	Ratio	Lower	Upper
276	100		
277	51.7	19.2	28.8#
138	70.0	24.9	37.3#