Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111323.D
Acq On : 12 Dec 2018 16:03
Operator : JU/SJ
Sample : J6286-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-4

Quant Time: Dec 13 01:17:05 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	320567	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1308951	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	640528	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	1140176	20.00	ng		0.00
76) Chrysene-d12	13.95	240	675349	20.00	ng		-0.01
87) Perylene-d12	15.38	264	577500	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2505853	132.19	ng		0.00
7) Phenol-d6	6.43	99	3202989	125.32	ng		0.00
23) Nitrobenzene-d5	7.35	82	2102985	90.55	ng		-0.01
42) 2,4,6-Tribromophenol	10.62	330	649256	114.99	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	3309443	82.95	ng		0.00
79) Terphenyl-d14	12.90	244	2930718	95.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	370	0.039	ng	#	74
3) Pyridine	3.43	79	2710	0.117	ng	#	57
4) n-Nitrosodimethylamine	3.18	42	708	0.065	ng	#	1
6) Aniline	6.44	93	6896	0.223	ng	#	1
8) 2-Chlorophenol	6.58	128	1348	0.058	ng	#	1
9) Benzaldehyde	6.44	77	6756	Below Cal		#	1
10) Phenol	6.44	94	234670	8.105	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	347	0.015	ng	#	1
12) 1,3-Dichlorobenzene	6.79	146	107	0.004	ng	#	1
13) 1,4-Dichlorobenzene	6.79	146	107	0.004	ng	#	1
14) 1,2-Dichlorobenzene	6.95	146	768	0.033	ng	#	1
15) Benzyl Alcohol	6.95	79	34099	1.742	ng	#	37
16) 2,2'-oxybis(1-Chloropropan	7.07	45	161	0.004	ng		72
17) 2-Methylphenol	6.93	107	978	0.052	ng	#	1
18) Hexachloroethane	7.36	117	107	0.011	ng	#	6
19) n-Nitroso-di-n-propylamine	7.35	70	280222	16.499	ng	#	80
20) 3+4-Methylphenols	7.19	107	551	0.025	ng	#	38
22) Acetophenone	7.19	105	1511	0.050	ng	#	71
24) Nitrobenzene	7.35	77	7412	0.310	ng	#	34
25) Isophorone	7.35	82	2069578	52.463	ng	#	64
26) 2-Nitrophenol	7.69	139	122	0.010	ng	#	34
27) 2,4-Dimethylphenol	7.72	122	857	0.048	ng	#	6
28) bis(2-Chloroethoxy)methane	7.85	93	137	0.005	ng	#	30
31) Naphthalene	8.09	128	1113	0.018	ng	#	64
32) Benzoic acid	7.75	122	164	0.011	ng		91
33) 4-Chloroaniline	8.14	127	990	0.038	ng	#	54
35) Caprolactam	8.47	113	135	0.021	ng	#	1
36) 4-Chloro-3-methylphenol	8.64	107	367	0.018	ng	#	20
37) 2-Methylnaphthalene	8.79	142	430	0.011	ng	#	15
38) 1-Methylnaphthalene	8.88	142	150	0.004	ng	#	6
46) 1,1'-Biphenyl	9.25	154	8497	0.155	ng		97
47) 2-Chloronaphthalene	9.27	162	142	0.003	ng	#	27
48) 2-Nitroaniline	9.42	65	359	0.026	ng	#	6
49) Acenaphthylene	9.68	152	953	0.016	ng	#	57

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111323.D
Acq On : 12 Dec 2018 16:03
Operator : JU/SJ
Sample : J6286-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-4

Quant Time: Dec 13 01:17:05 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)
50) Dimethylphthalate	9.54	163	321896	6.988	ng		99
51) 2,6-Dinitrotoluene	9.54	165	3480	0.341	ng	#	1
52) Acenaphthene	9.86	154	772	0.020	ng	#	73
53) 3-Nitroaniline	9.75	138	112	0.009	ng	#	1
55) Dibenzofuran	10.03	168	1736	0.031	ng	#	89
56) 4-Nitrophenol	9.95	139	262	0.030	ng	#	62
57) 2,4-Dinitrotoluene	9.83	165	82440	6.300	ng	#	25
58) Fluorene	10.37	166	1714	0.043	ng	#	85
60) Diethylphthalate	10.23	149	50387	1.087	ng		98
62) 4-Nitroaniline	10.37	138	306	0.026	ng	#	49
63) Azobenzene	10.52	77	309	0.007	ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.62	198	1399	0.214	ng	#	1
66) n-Nitrosodiphenylamine	10.62	169	23325	0.575	ng	#	43
67) 4-Bromophenyl-phenylether	10.62	248	42426	3.342	ng	#	1
68) Hexachlorobenzene	10.95	284	114	0.009	ng	#	42
69) Atrazine	10.96	200	212	0.018	ng	#	36
70) Pentachlorophenol	11.12	266	139	0.016	ng	#	20
71) Phenanthrene	11.33	178	21277	0.361	ng		92
72) Anthracene	11.33	178	21277	0.355	ng		94
73) Carbazole	11.53	167	3204	0.052	ng	#	73
74) Di-n-butylphthalate	11.87	149	15281	0.216	ng	#	82
75) Fluoranthene	12.52	202	62355	1.084	ng		93
77) Benzidine	12.62	184	2186	0.172	ng	#	1
78) Pyrene	12.75	202	54741	1.050	ng		95
80) Butylbenzylphthalate	13.37	149	1684	0.067	ng	#	57
81) Benzo(a)anthracene	13.93	228	21027	0.556	ng		95
82) 3,3'-Dichlorobenzidine	13.82	252	311	0.022	ng	#	1
83) Chrysene	13.97	228	18026	0.468	ng		97
84) Bis(2-ethylhexyl)phthalate	13.94	149	29759	0.973	ng	#	95
85) Di-n-octyl phthalate	14.56	149	1196	0.024	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.78	276	16637	0.552	ng		94
88) Benzo(b)fluoranthene	14.97	252	40954	1.247	ng	#	92
89) Benzo(k)fluoranthene	14.97	252	40954	1.249	ng	#	92
90) Benzo(a)pyrene	15.32	252	20949	0.685	ng	#	92
91) Dibenzo(a,h)anthracene	16.79	278	4000	0.157	ng	#	40
92) Benzo(g,h,i)perylene	17.20	276	17412	0.685	ng		91

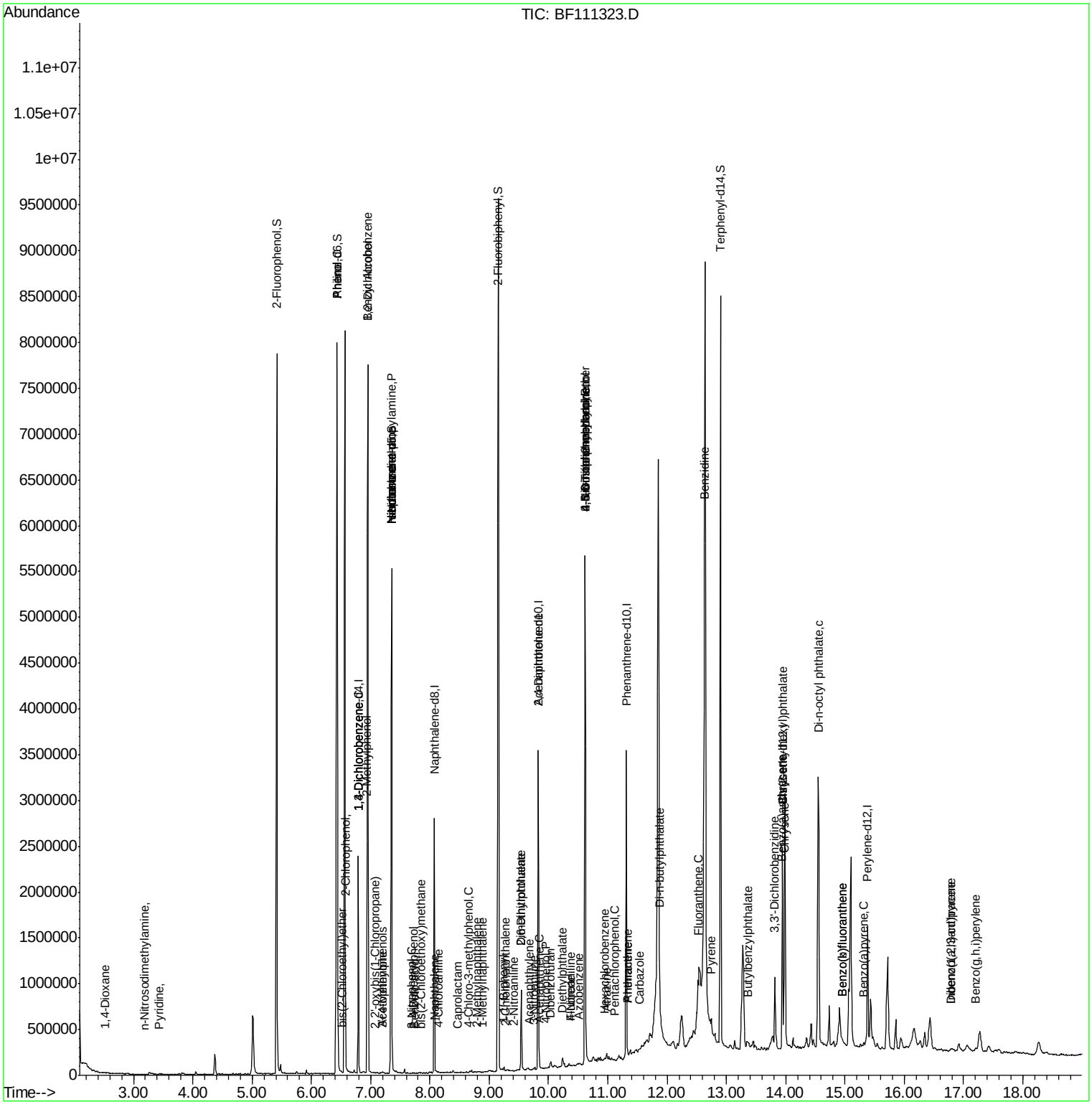
(#) = qualifier out of range (m) = manual integration (+) = signals summed

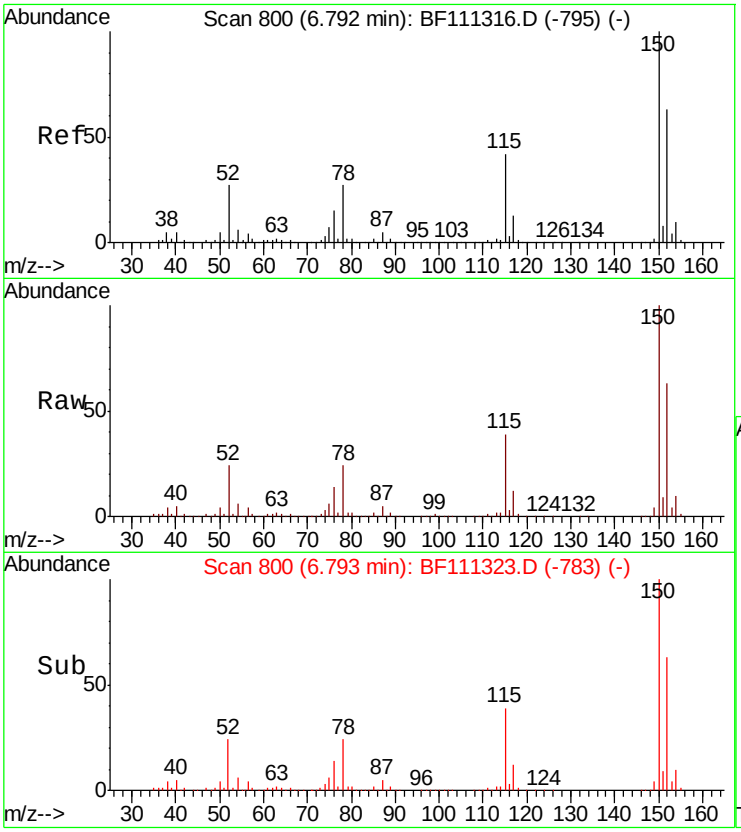
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121218\
Data File : BF111323.D
Acq On : 12 Dec 2018 16:03
Operator : JU/SJ
Sample : J6286-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-4

Quant Time: Dec 13 01:17:05 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



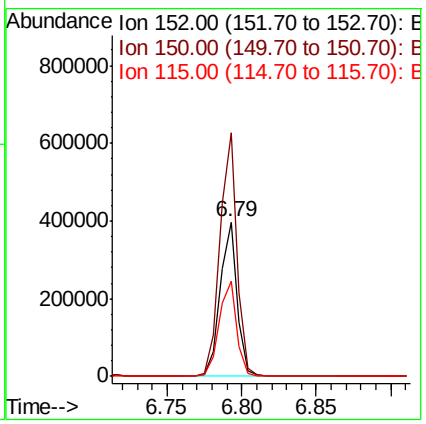


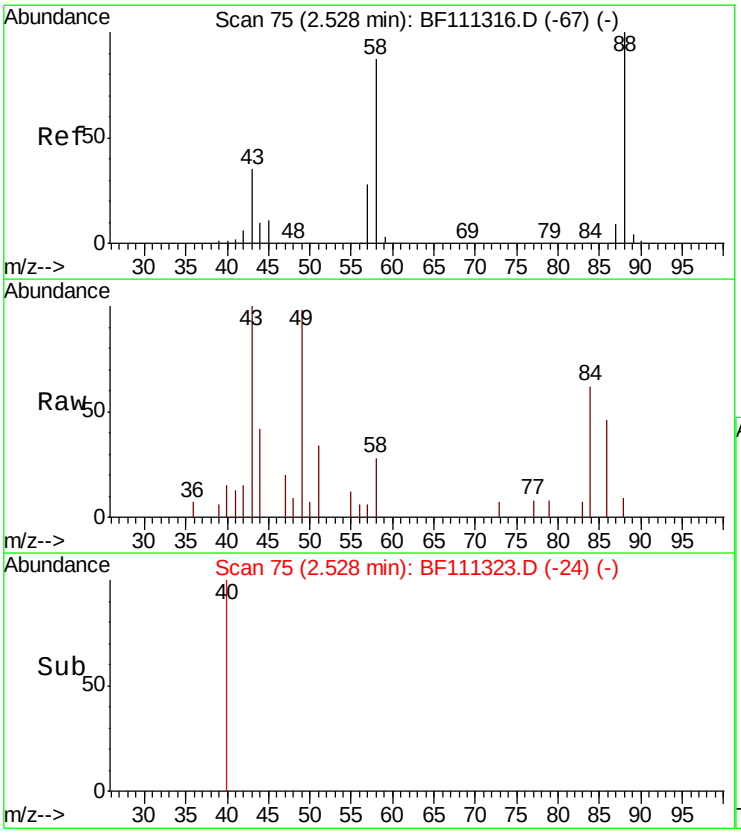
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:152 Resp: 320567

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.6	189.8
115	61.4	50.7	76.1

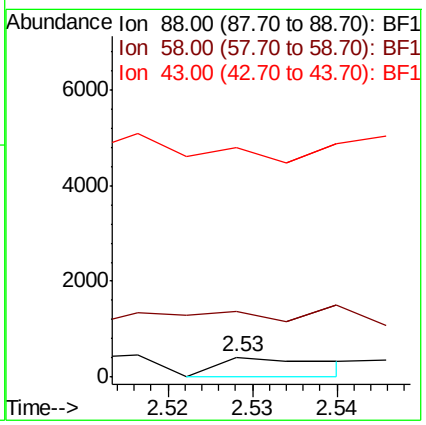


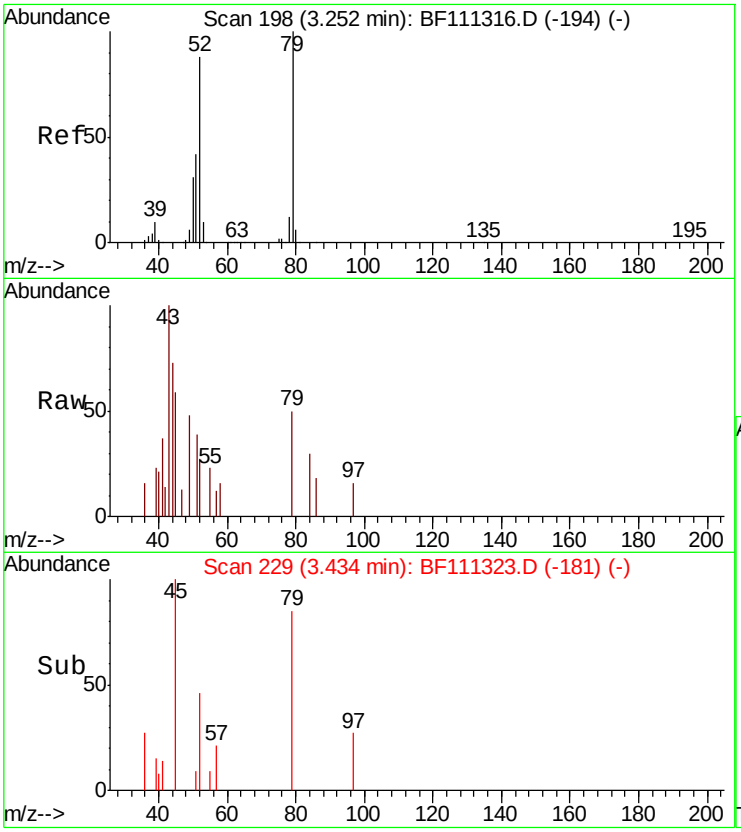


#2
1,4-Dioxane
Concen: 0.039 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 88 Resp: 370

Ion	Ratio	Lower	Upper
88	100		
58	99.2	68.9	103.3
43	0.0	25.8	38.6#



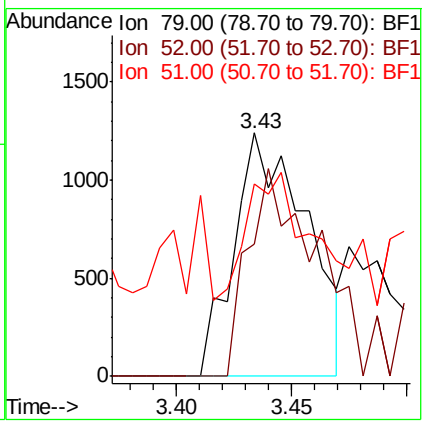


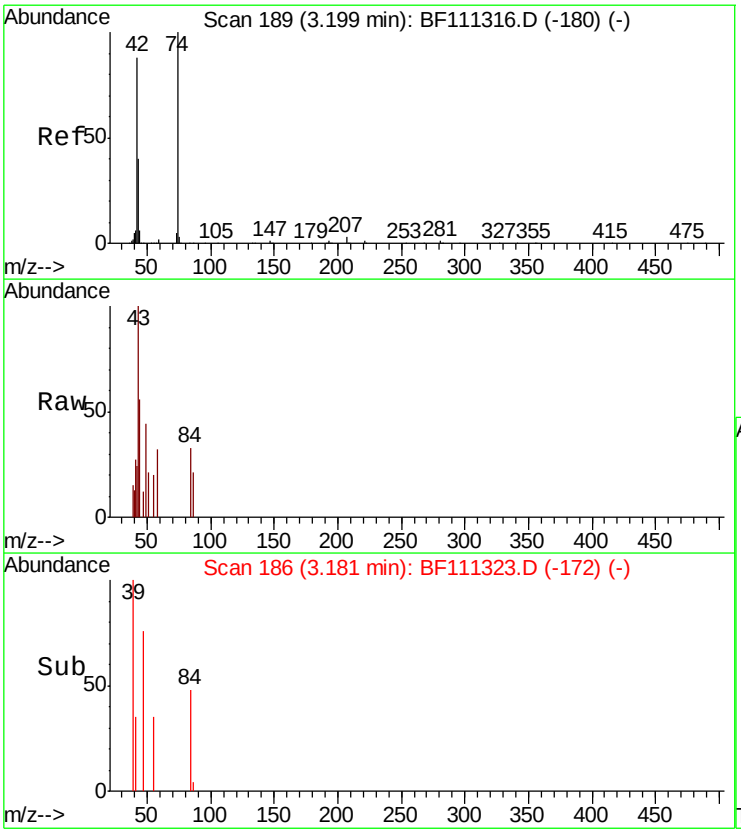
#3
Pyridine
Concen: 0.117 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.18 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 79 Resp: 2710

Ion	Ratio	Lower	Upper
79	100		
52	54.1	68.3	102.5#
51	78.9	32.6	49.0#

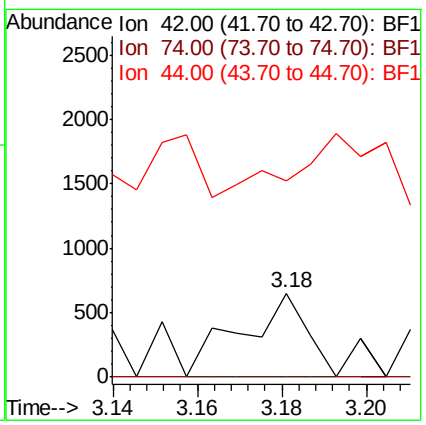


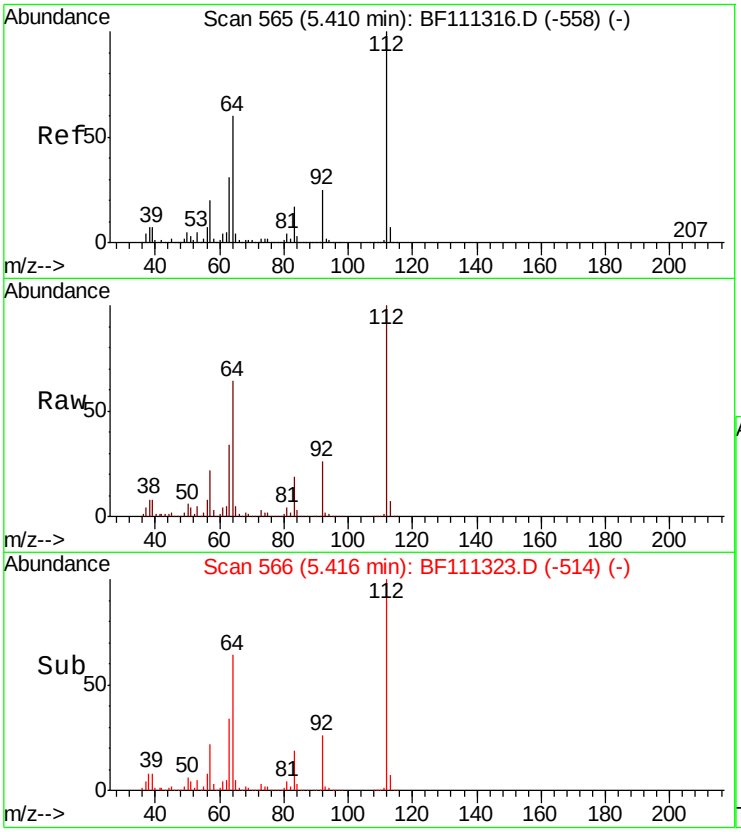


#4
n-Nitrosodimethylamine
Concen: 0.065 ng
RT: 3.18 min Scan# 186
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 42 Resp: 708

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	233.8	6.0	9.0#



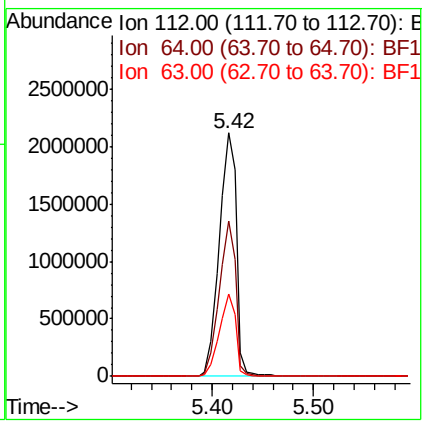


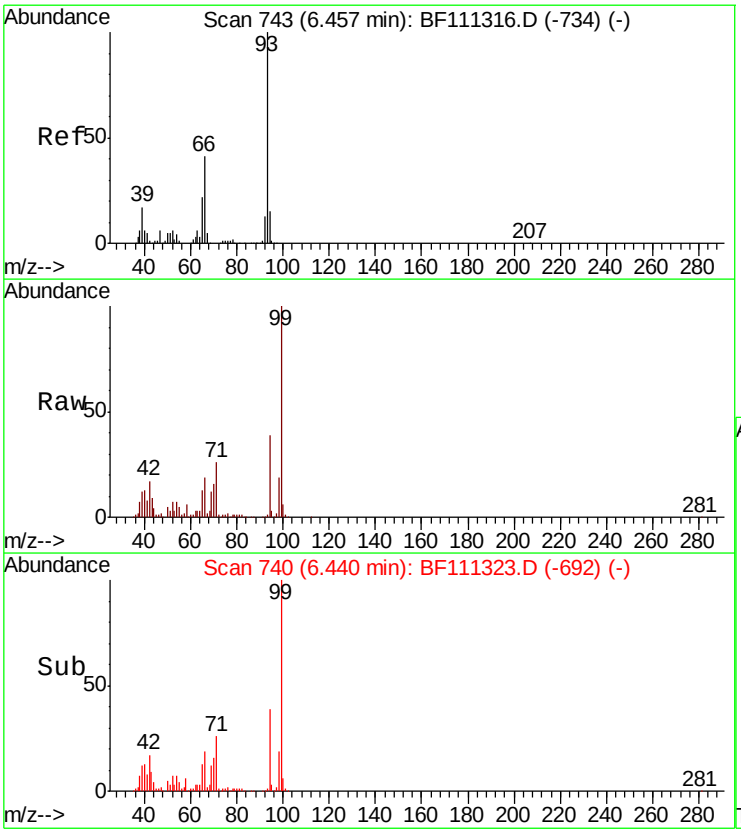
#5
2-Fluorophenol
Concen: 132.187 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:112 Resp: 2505853

Ion	Ratio	Lower	Upper
112	100		
64	63.8	51.8	77.6
63	33.7	26.8	40.2

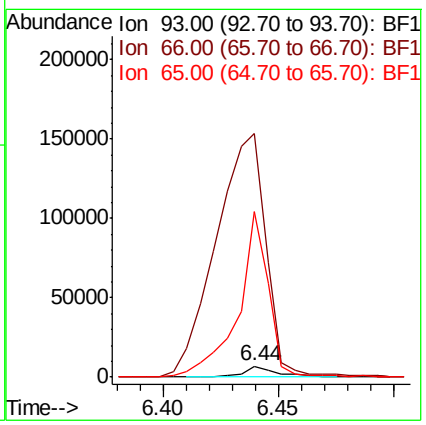


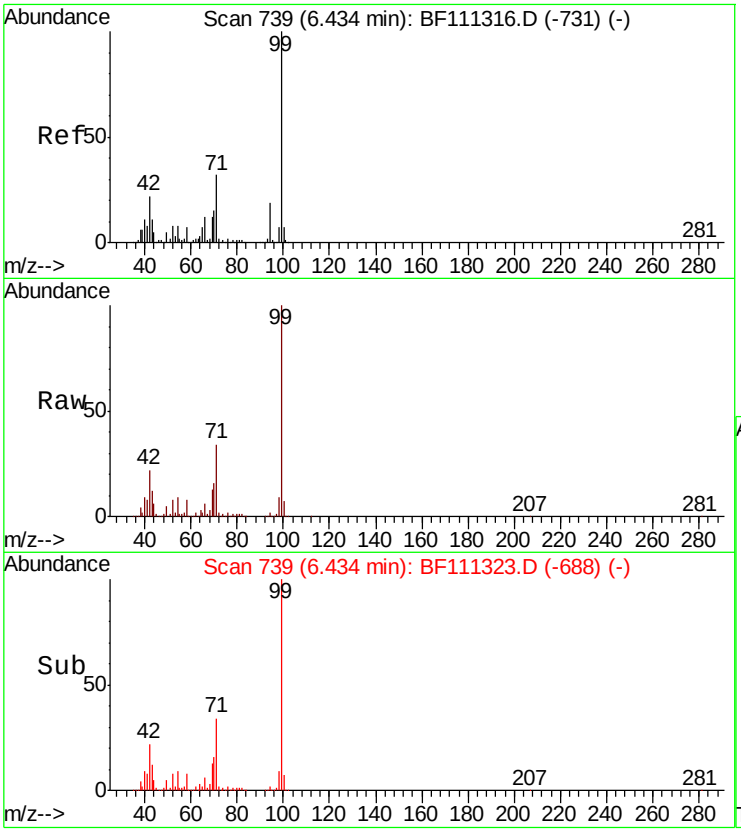


#6
Aniline
Concen: 0.223 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 93 Resp: 6896

Ion	Ratio	Lower	Upper
93	100		
66	2289.6	33.2	49.8#
65	1555.2	17.0	25.4#



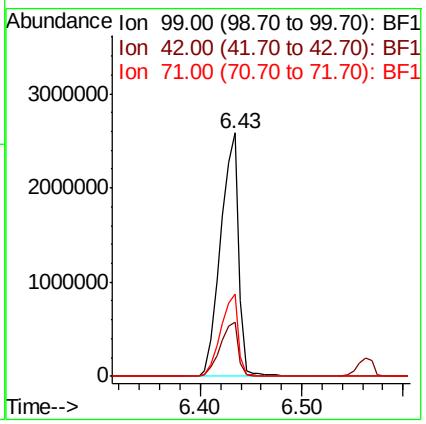


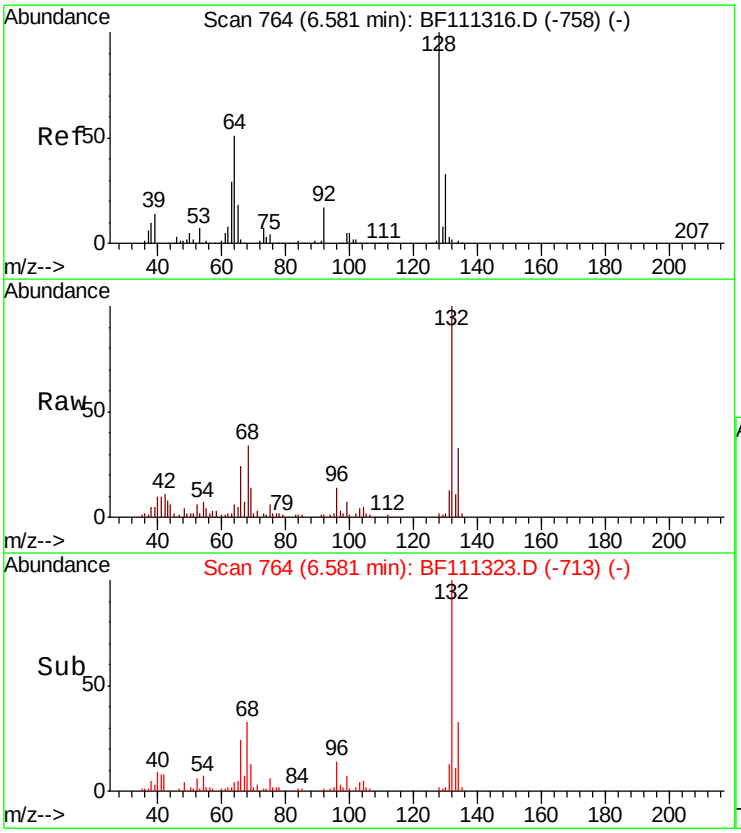
#7
Phenol-d6
Concen: 125.317 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 99 Resp: 3202989

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	33.8	26.1	39.1

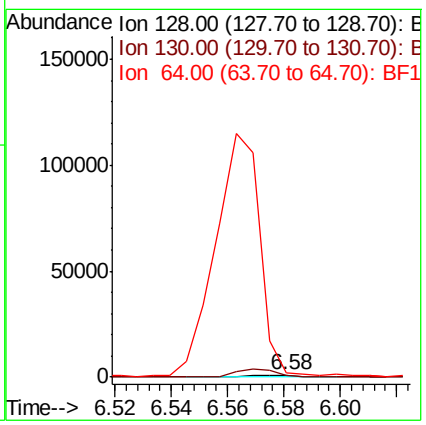


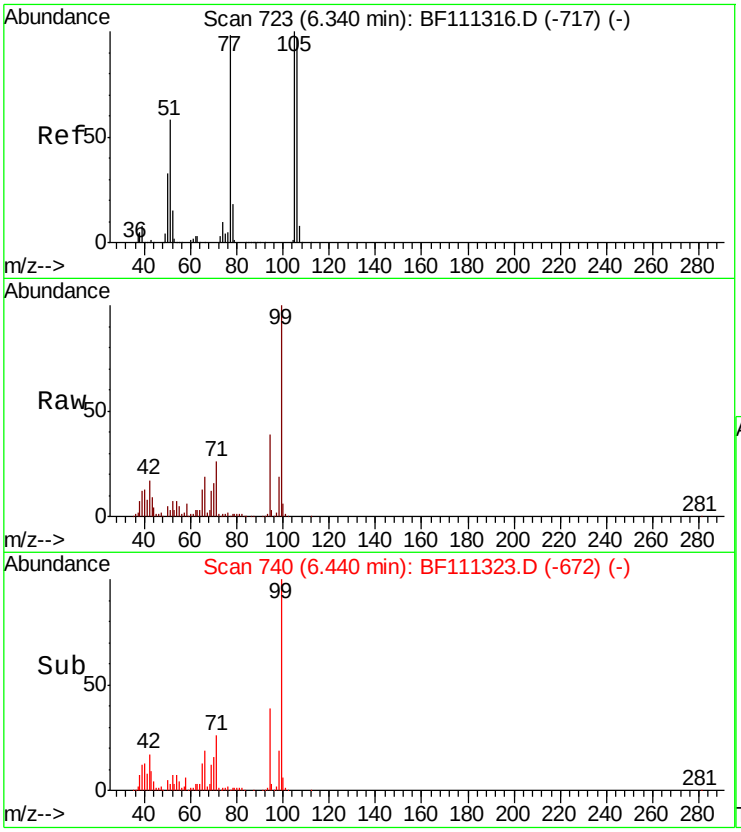


#8
2-Chlorophenol
Concen: 0.058 ng
RT: 6.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:128 Resp: 1348

Ion	Ratio	Lower	Upper
128	100		
130	74.1	12.7	52.7#
64	227.8	30.0	70.0#



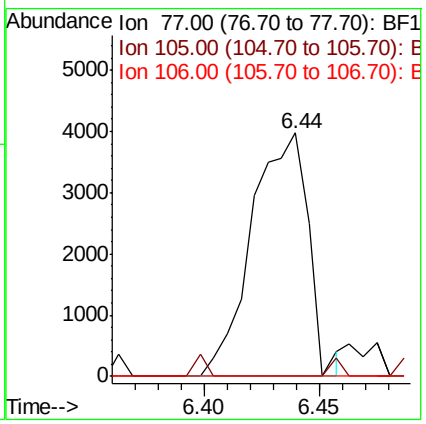


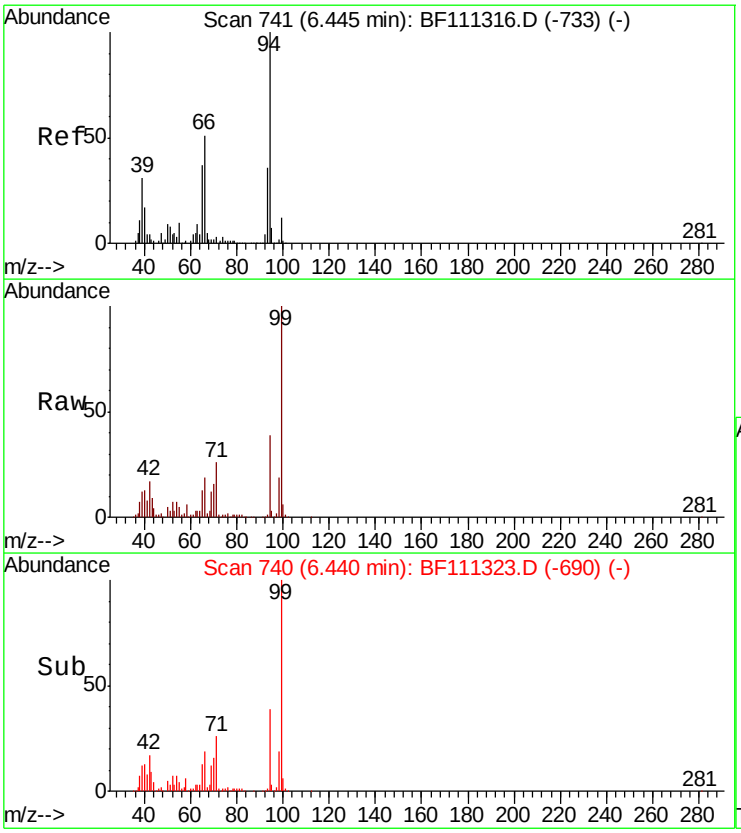
#9
Benzaldehyde
Concen: Below Cal
RT: 6.44 min Scan# 740
Delta R.T. 0.10 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 77 Resp: 6756

Ion	Ratio	Lower	Upper
77	100		
105	0.0	81.4	121.4#
106	0.0	77.9	117.9#

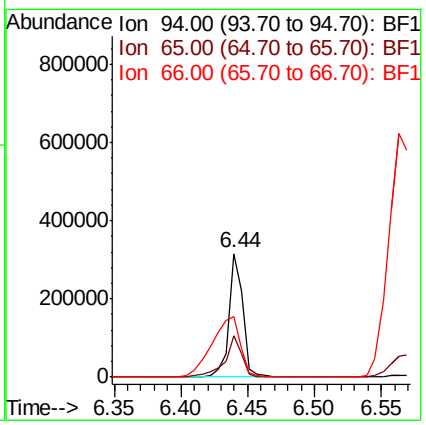


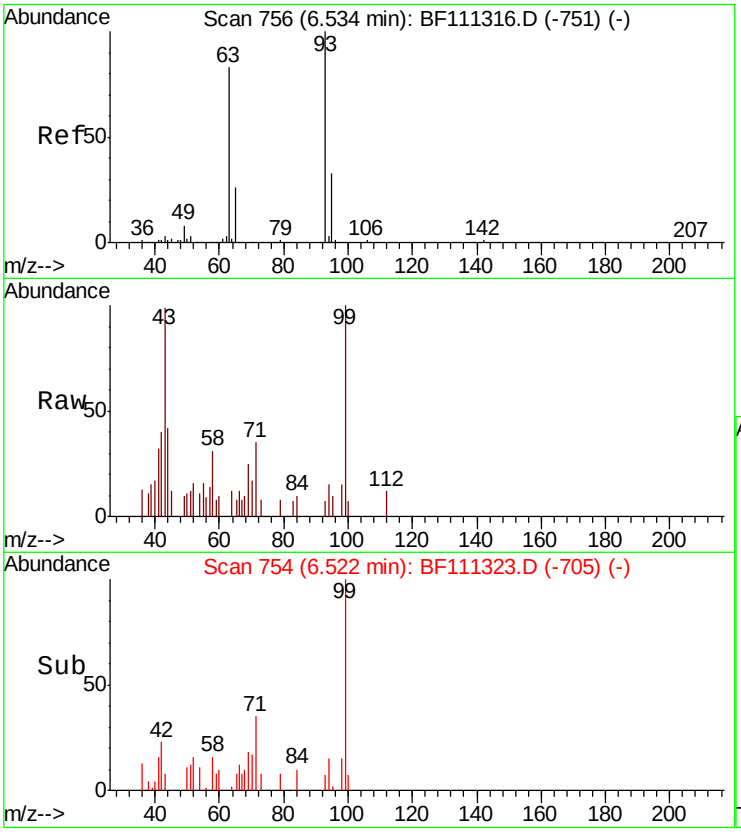


#10
Phenol
Concen: 8.105 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 94 Resp: 234670

Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.7	51.7
66	48.4	21.0	61.0



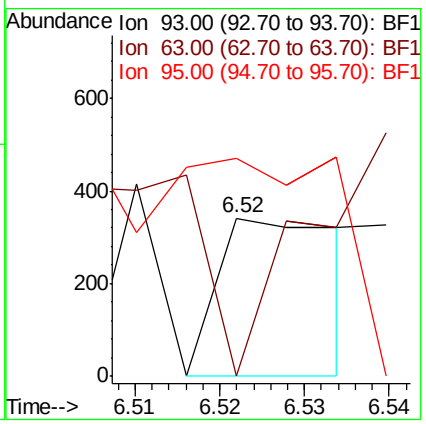


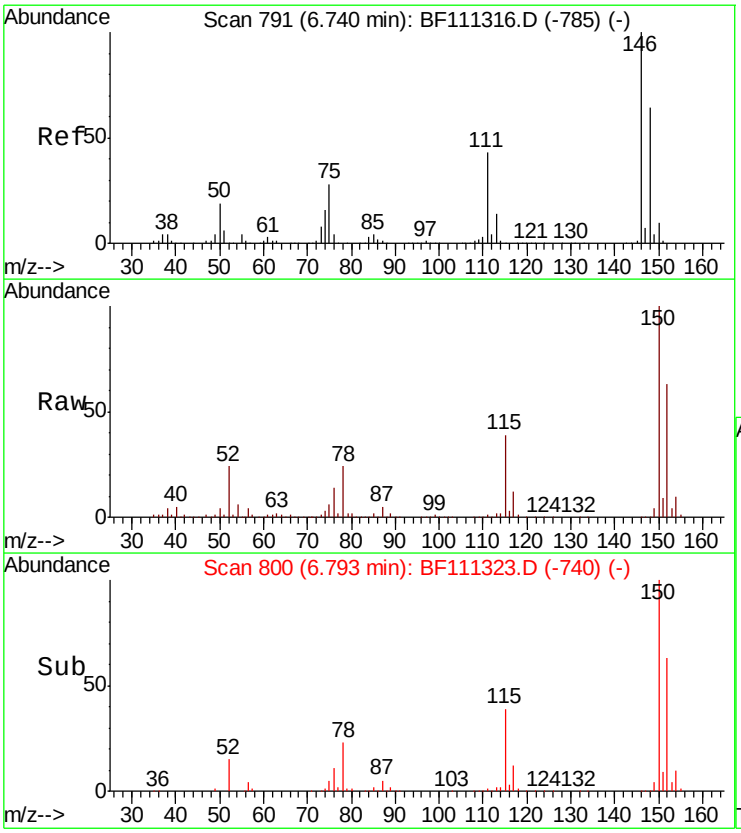
#11
bis(2-Chloroethyl)ether
Concen: 0.015 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 93 Resp: 347

Ion	Ratio	Lower	Upper
93	100		
63	0.0	60.0	100.0#
95	138.4	13.4	53.4#

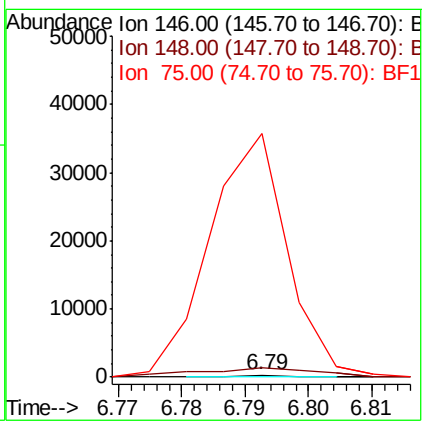


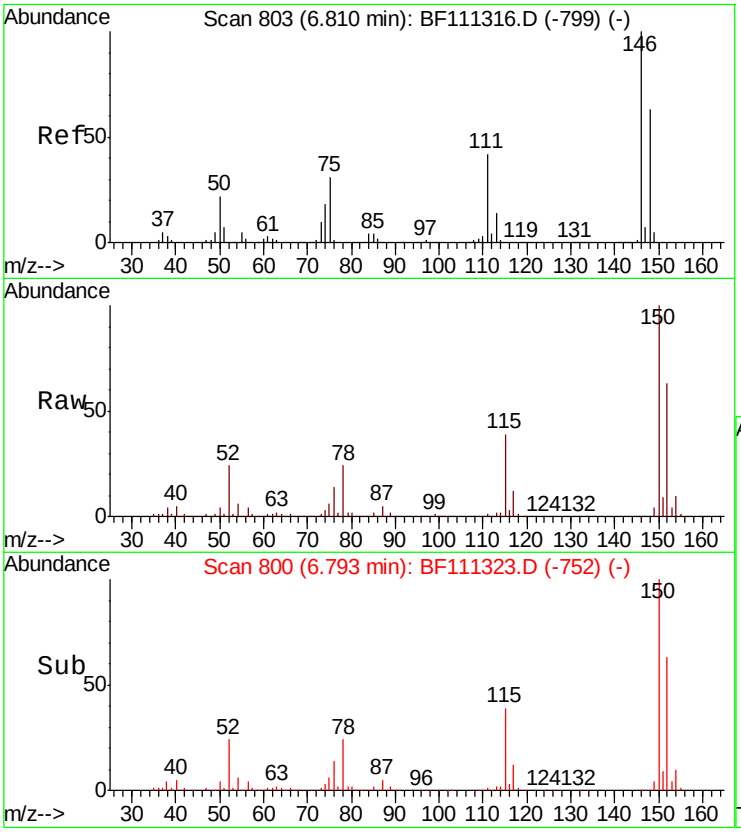


#12
1,3-Dichlorobenzene
Concen: 0.004 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.05 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:146 Resp: 107

Ion	Ratio	Lower	Upper
146	100		
148	448.7	52.1	78.1#
75	11755.3	23.9	35.9#



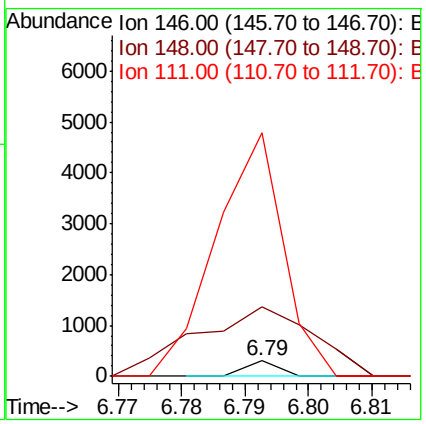


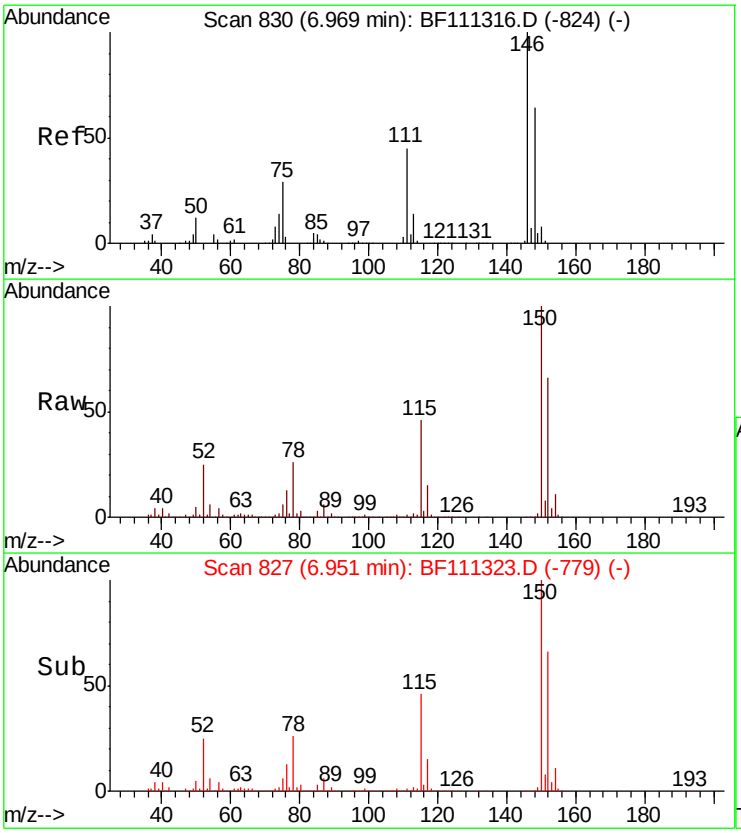
#13
1,4-Dichlorobenzene
Concen: 0.004 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:146 Resp: 107

Ion	Ratio	Lower	Upper
146	100		
148	448.7	52.8	79.2#
111	1574.0	33.4	50.0#

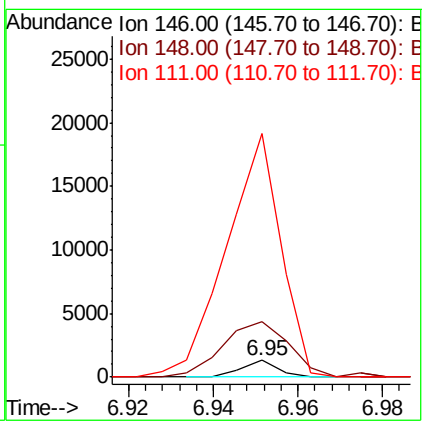


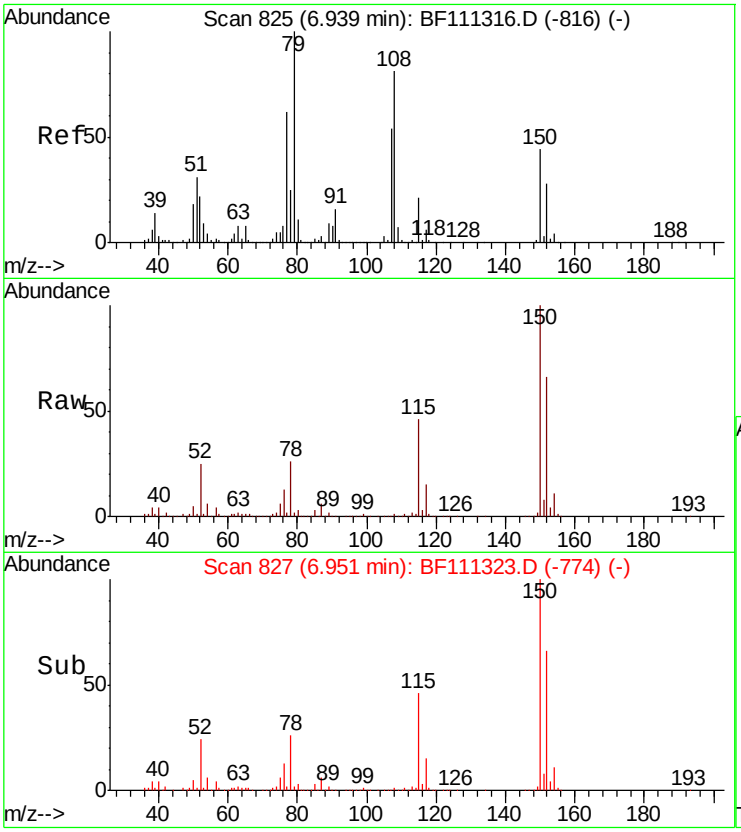


#14
1,2-Dichlorobenzene
Concen: 0.033 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:146 Resp: 768

Ion	Ratio	Lower	Upper
146	100		
148	329.6	51.9	77.9#
111	1430.8	36.2	54.4#



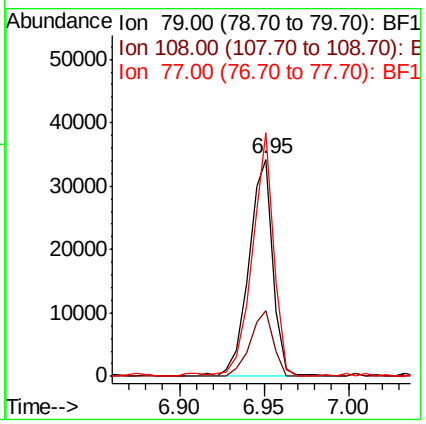


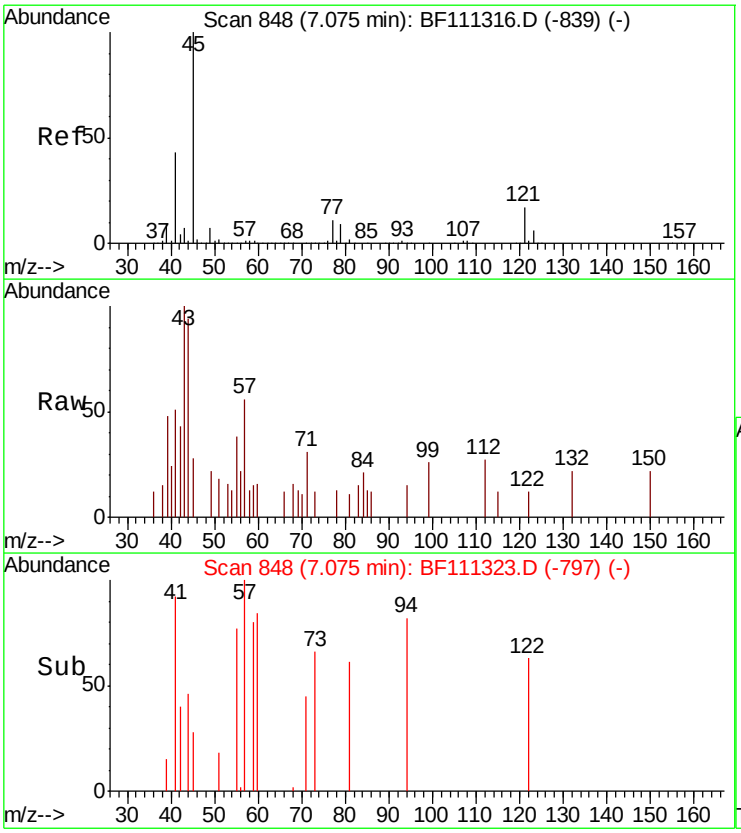
#15
Benzyl Alcohol
Concen: 1.742 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 79 Resp: 34099

Ion	Ratio	Lower	Upper
79	100		
108	30.5	69.4	104.2#
77	112.2	49.7	74.5#

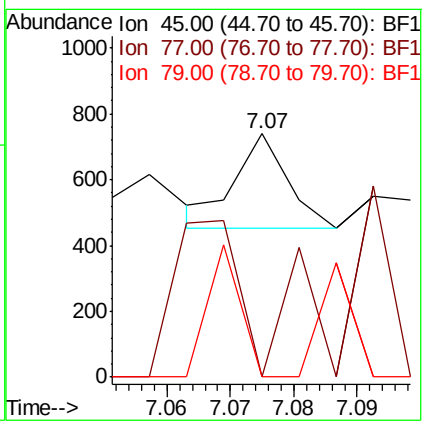


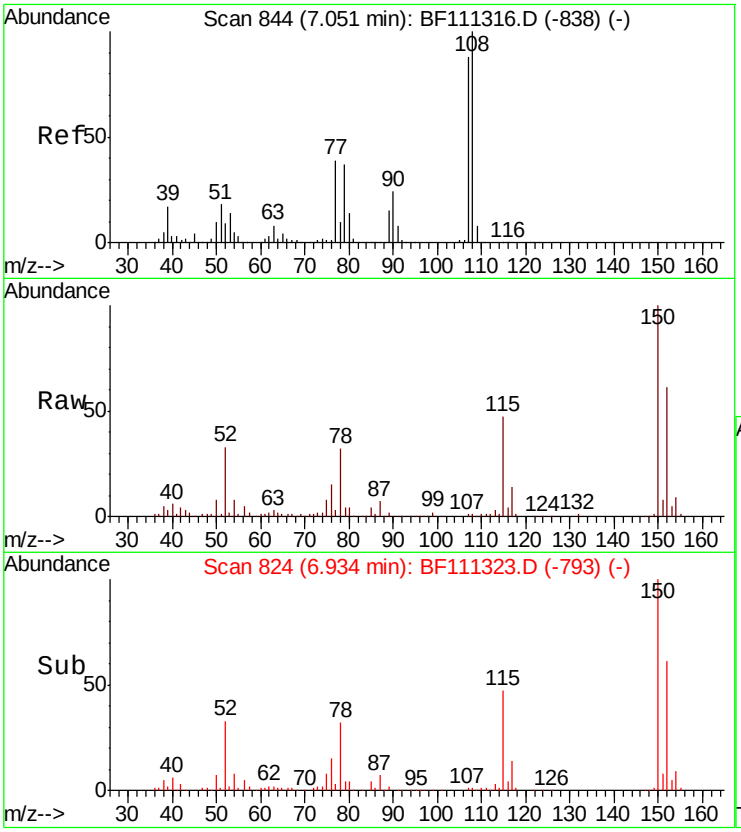


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 45 Resp: 161

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



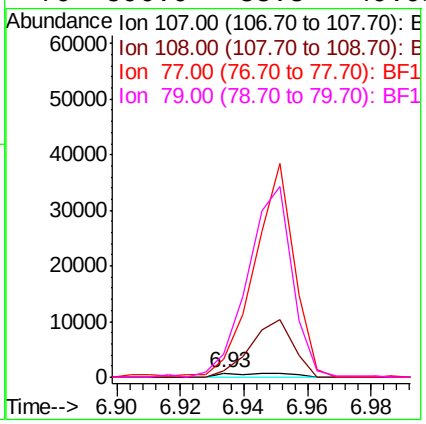


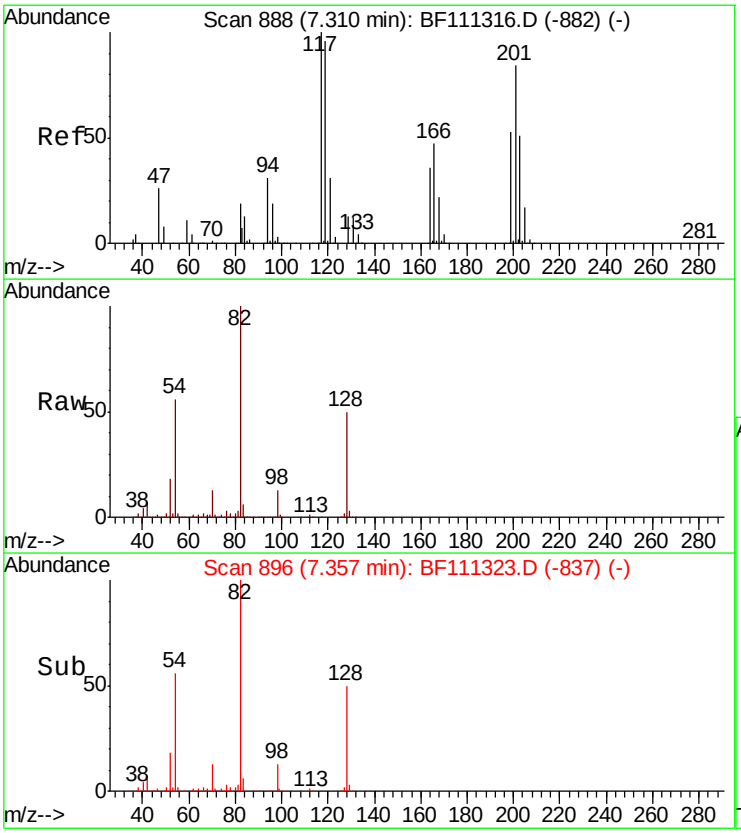
#17
2-Methylphenol
Concen: 0.052 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.12 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:107 Resp: 978

Ion	Ratio	Lower	Upper
107	100		
108	178.3	91.0	136.4#
77	456.3	33.5	50.3#
79	596.0	33.3	49.9#

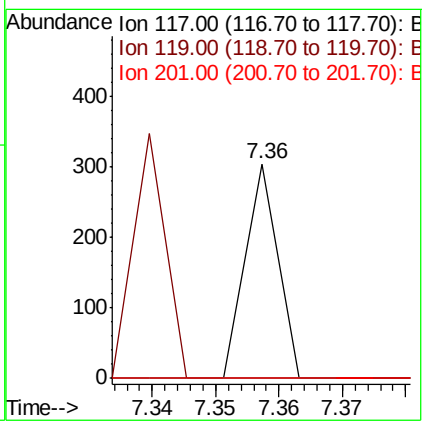


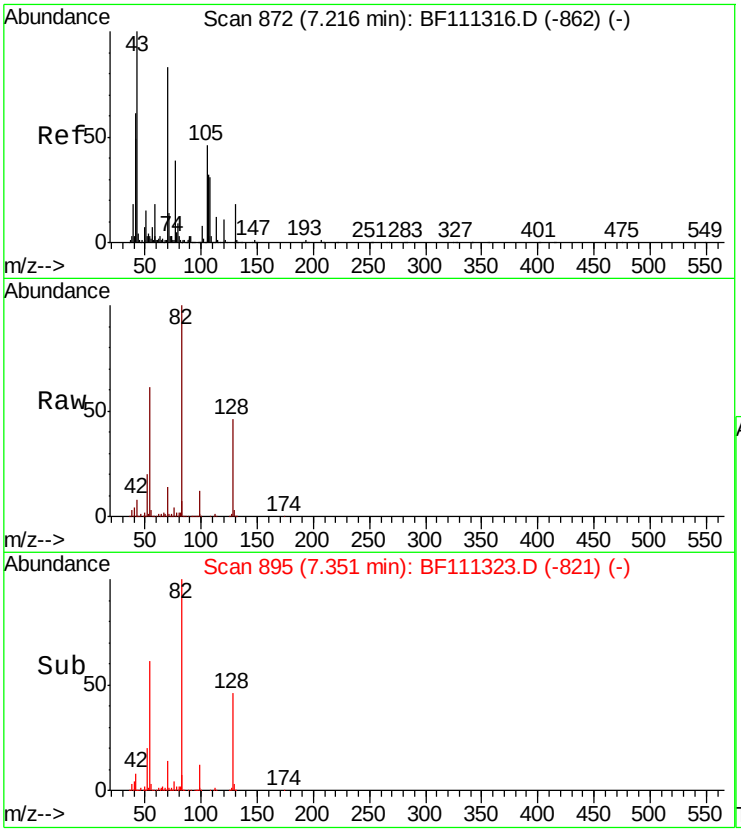


#18
Hexachloroethane
Concen: 0.011 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.05 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:117 Resp: 107

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



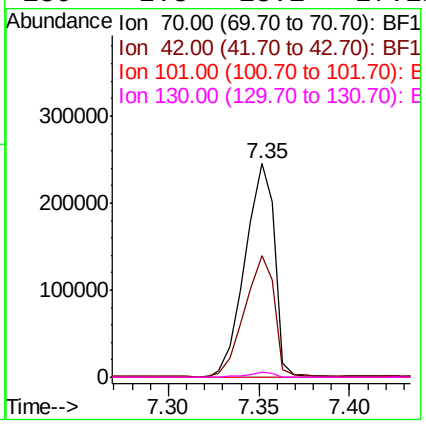


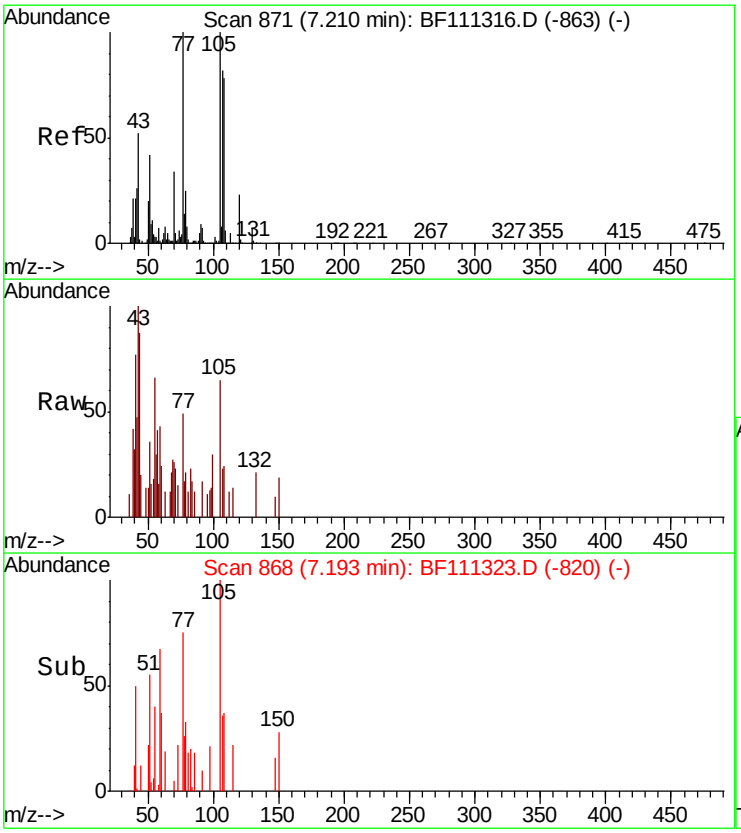
#19
n-Nitroso-di-n-propylamine
Concen: 16.499 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 70 Resp: 280222

Ion	Ratio	Lower	Upper
70	100		
42	57.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.3	18.1	27.1#

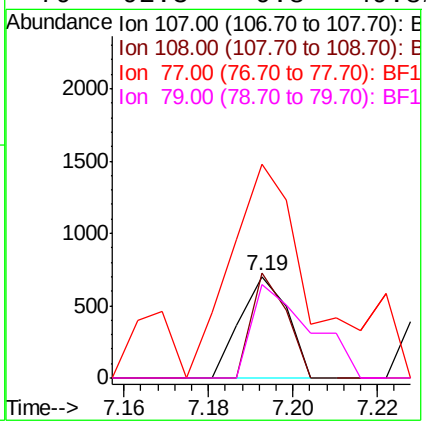


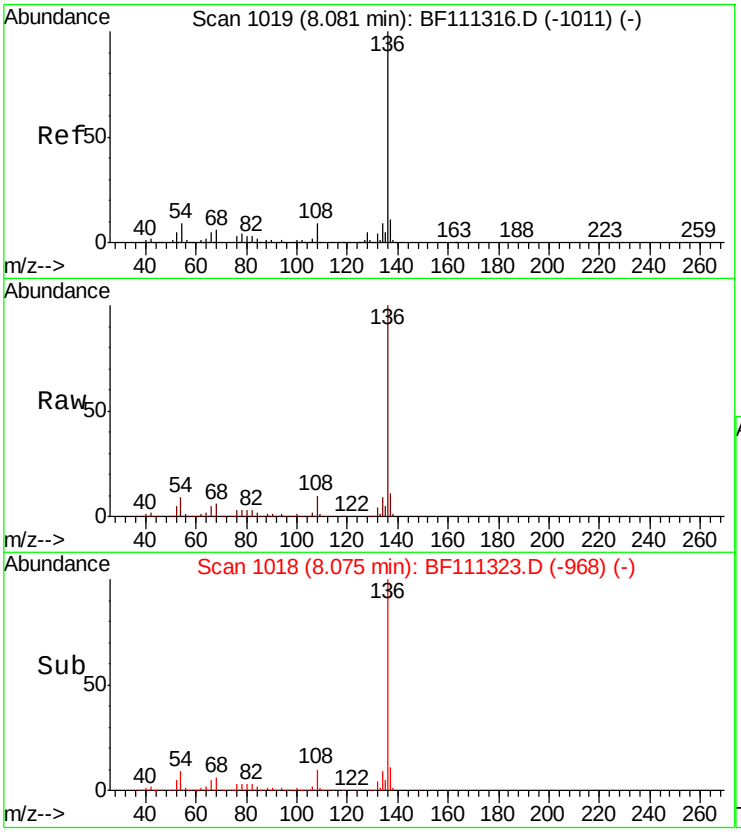


#20
3+4-Methylphenols
Concen: 0.025 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:107 Resp: 551

Ion	Ratio	Lower	Upper
107	100		
108	103.0	72.1	112.1
77	210.4	94.1	134.1#
79	92.3	9.8	49.8#



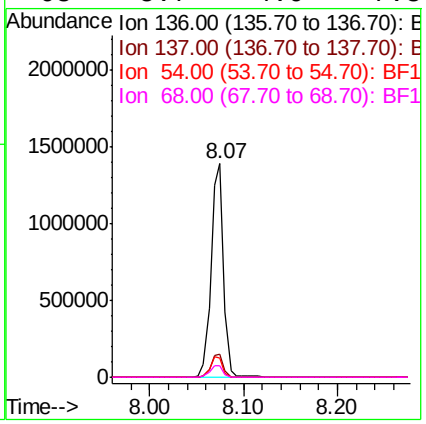


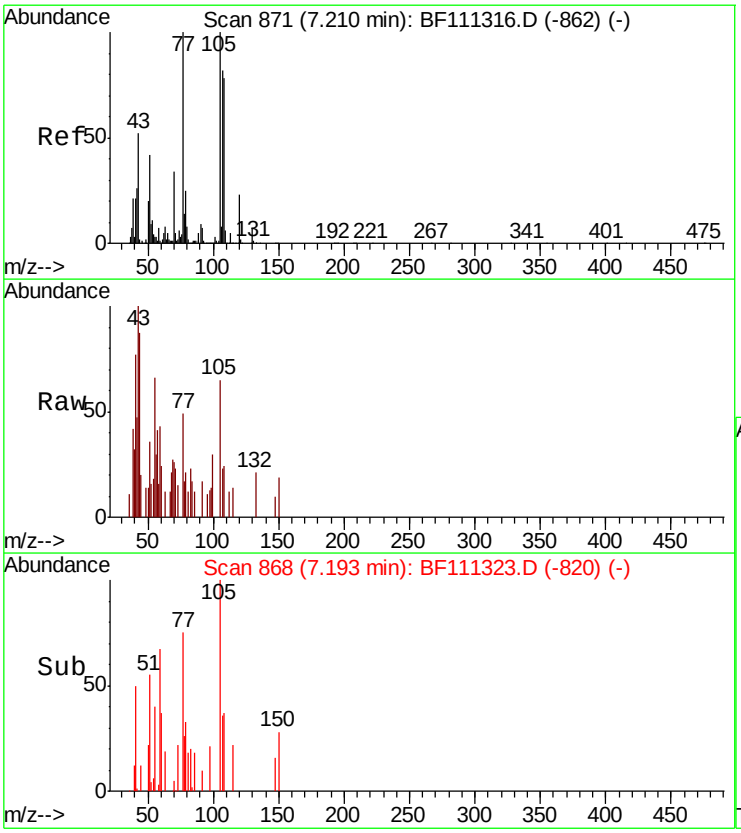
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:136 Resp: 1308951

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.8	7.7	11.5
68	5.7	4.9	7.3

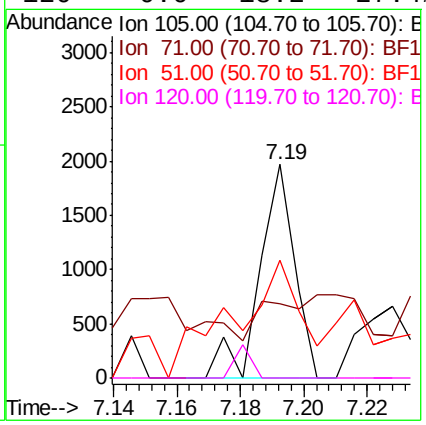


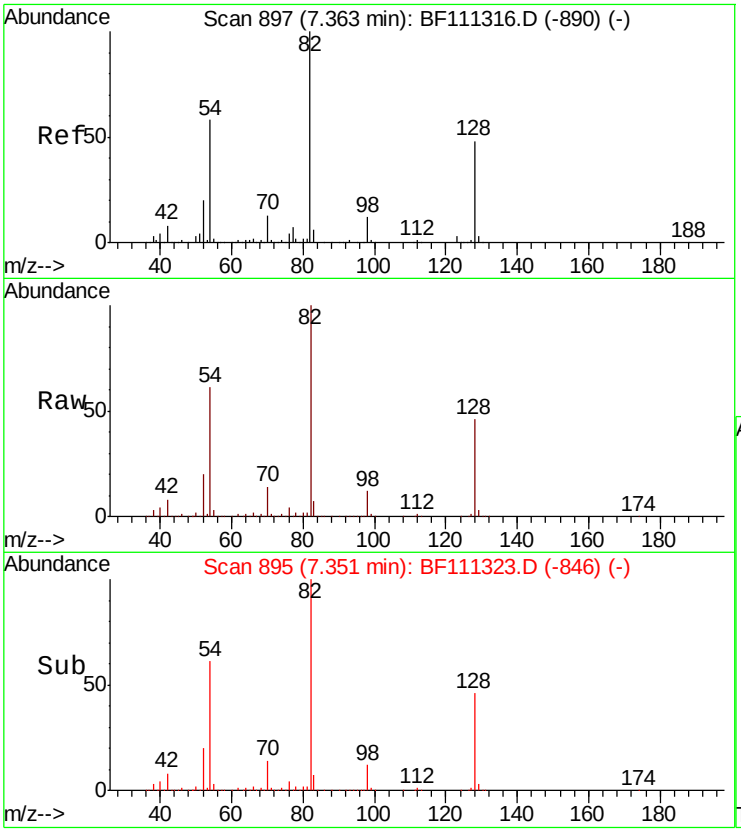


#22
Acetophenone
Concen: 0.050 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:105 Resp: 1511

Ion	Ratio	Lower	Upper
105	100		
71	34.8	3.1	4.7#
51	55.1	36.6	54.8#
120	0.0	18.2	27.4#



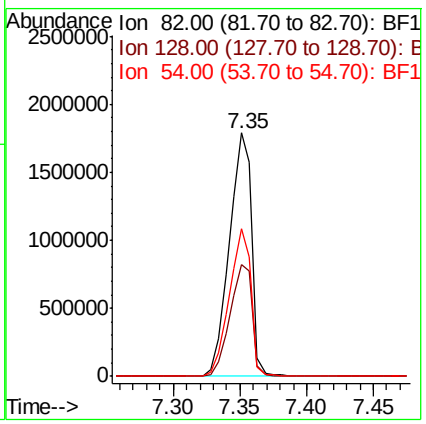


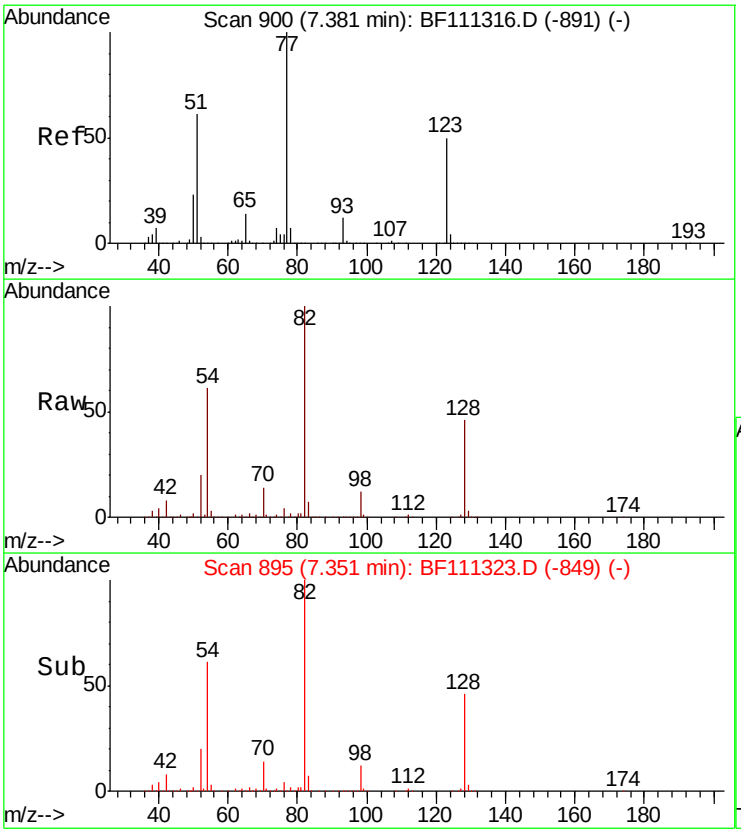
#23
Nitrobenzene-d5
Concen: 90.554 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 82 Resp: 2102985

Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.4	56.2
54	60.7	47.6	71.4

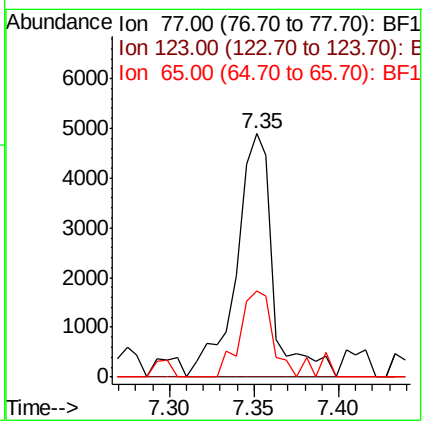


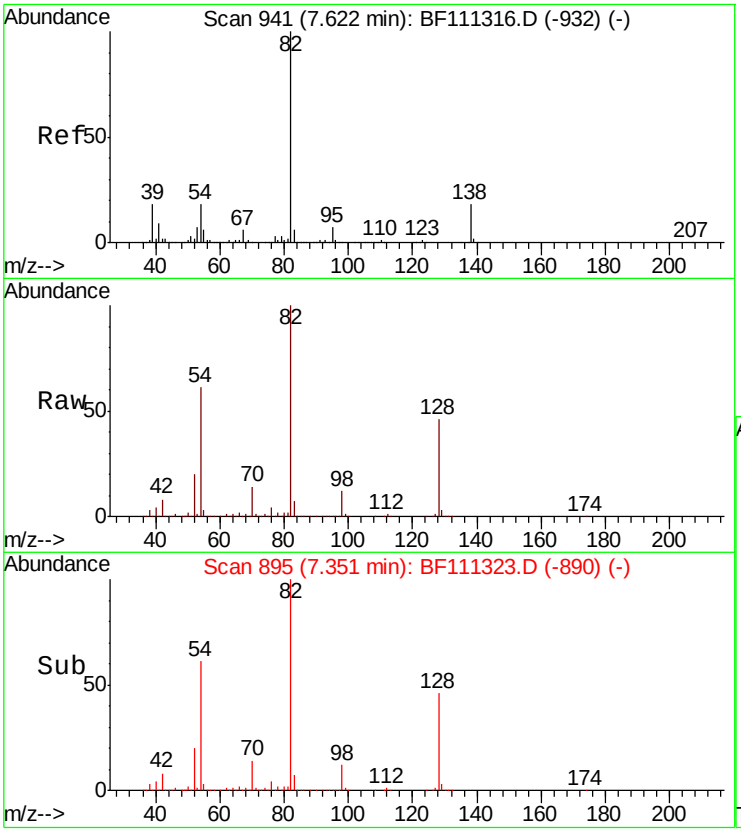


#24
Nitrobenzene
Concen: 0.310 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 77 Resp: 7412

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	35.4	11.5	17.3#



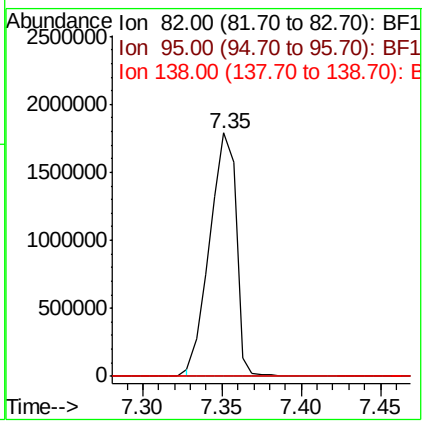


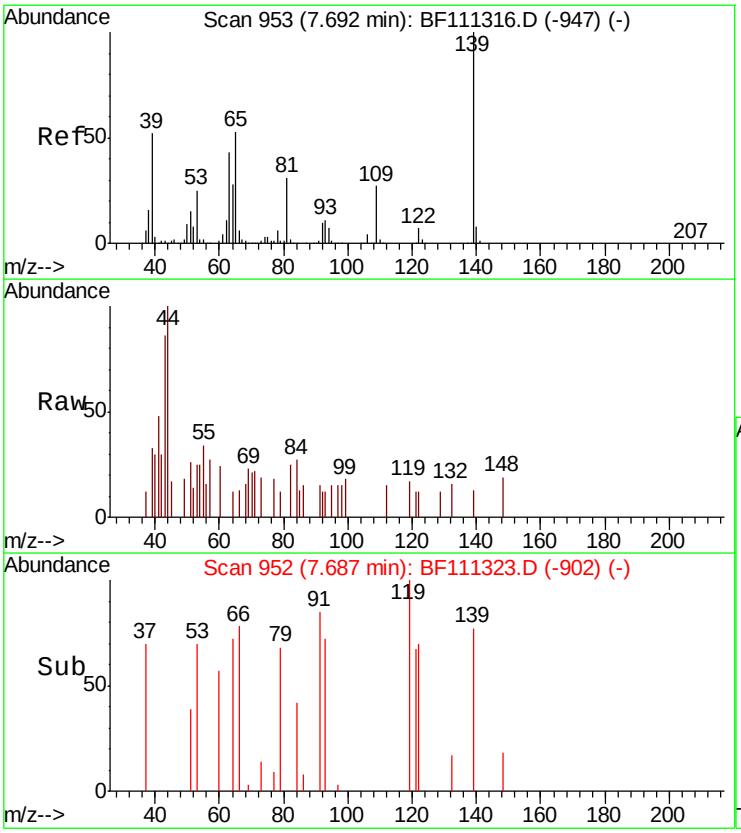
#25
Isophorone
Concen: 52.463 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.27 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 82 Resp: 2069578

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

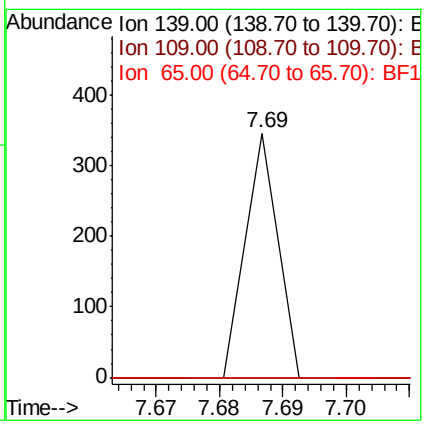


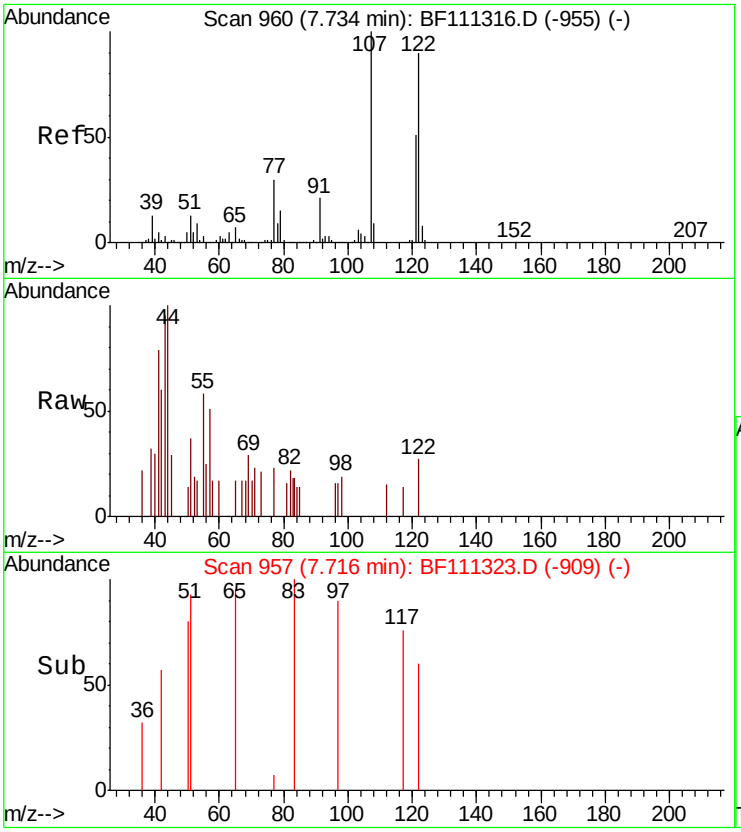


#26
2-Nitrophenol
Concen: 0.010 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:139 Resp: 122

Ion	Ratio	Lower	Upper
139	100		
109	0.0	20.2	30.4#
65	0.0	40.7	61.1#



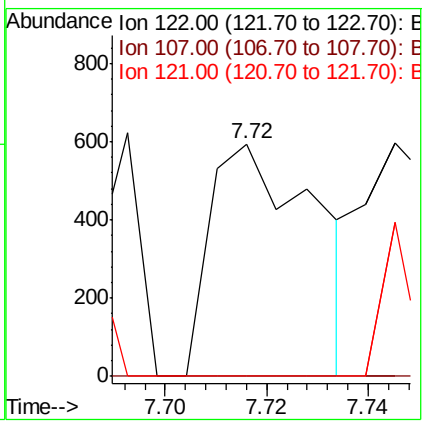


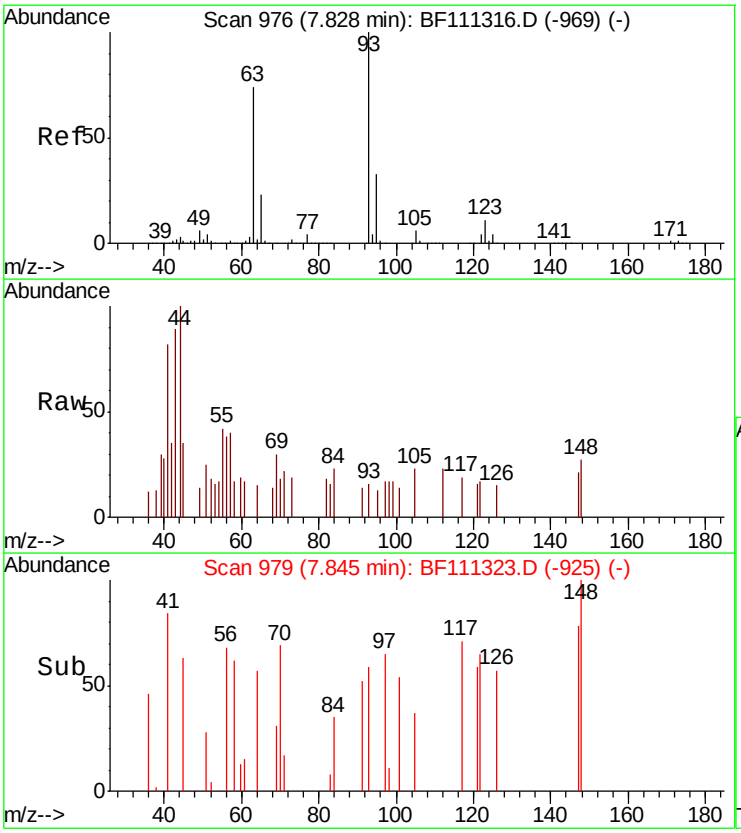
#27
2,4-Dimethylphenol
Concen: 0.048 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:122 Resp: 857

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.5	128.3#
121	0.0	46.6	70.0#

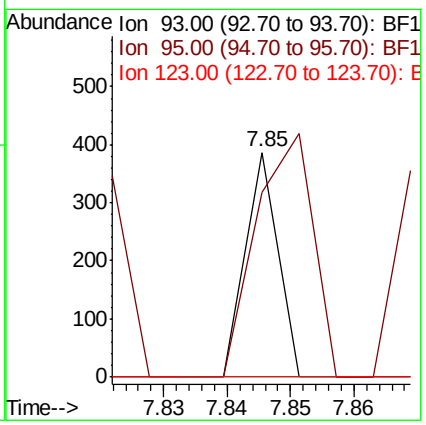


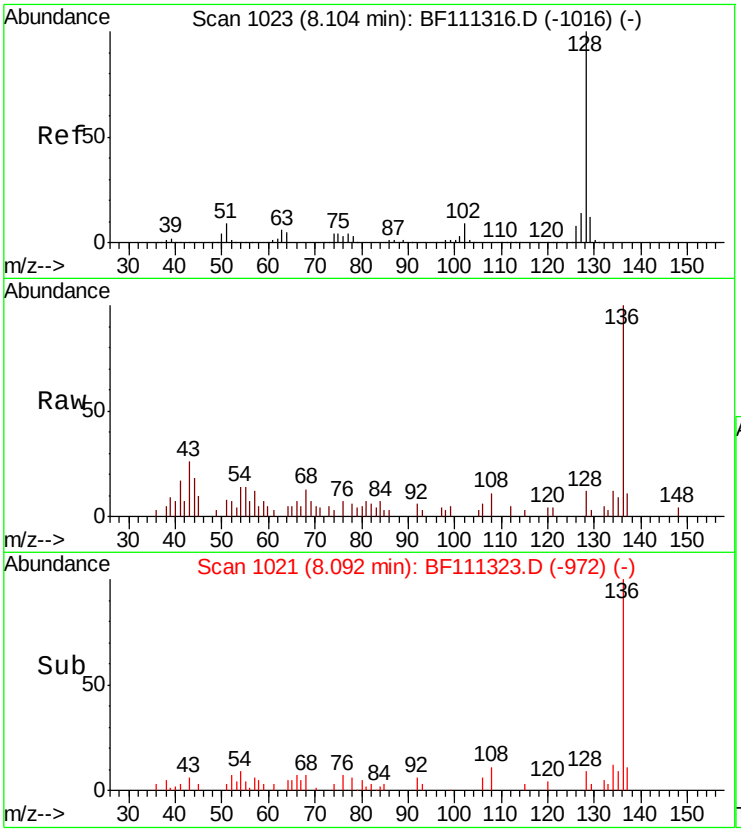


#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion: 93 Resp: 137

Ion	Ratio	Lower	Upper
93	100		
95	81.9	27.1	40.7#
123	0.0	9.9	14.9#



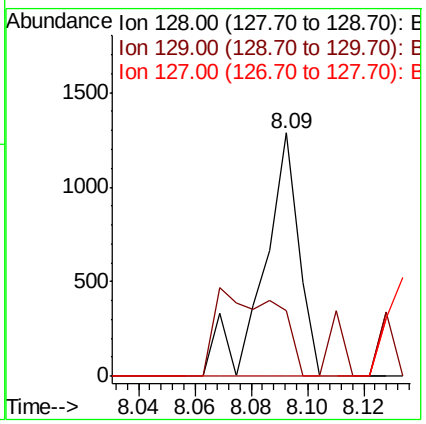


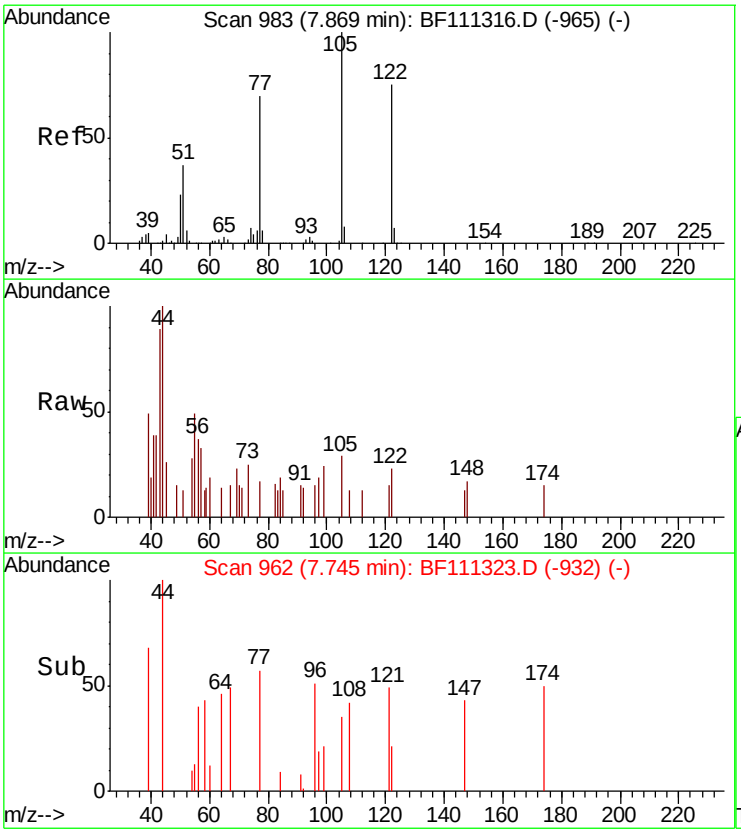
#31
Naphthalene
Concen: 0.018 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:128 Resp: 1113

Ion	Ratio	Lower	Upper
128	100		
129	26.7	9.8	14.8#
127	0.0	12.0	18.0#

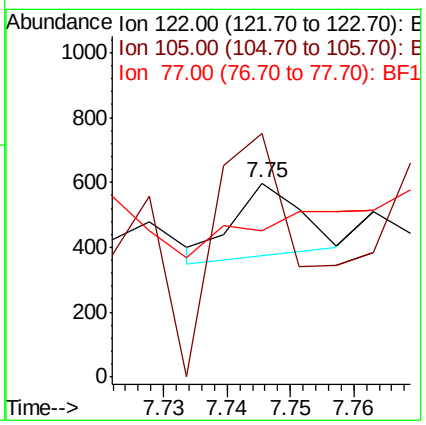


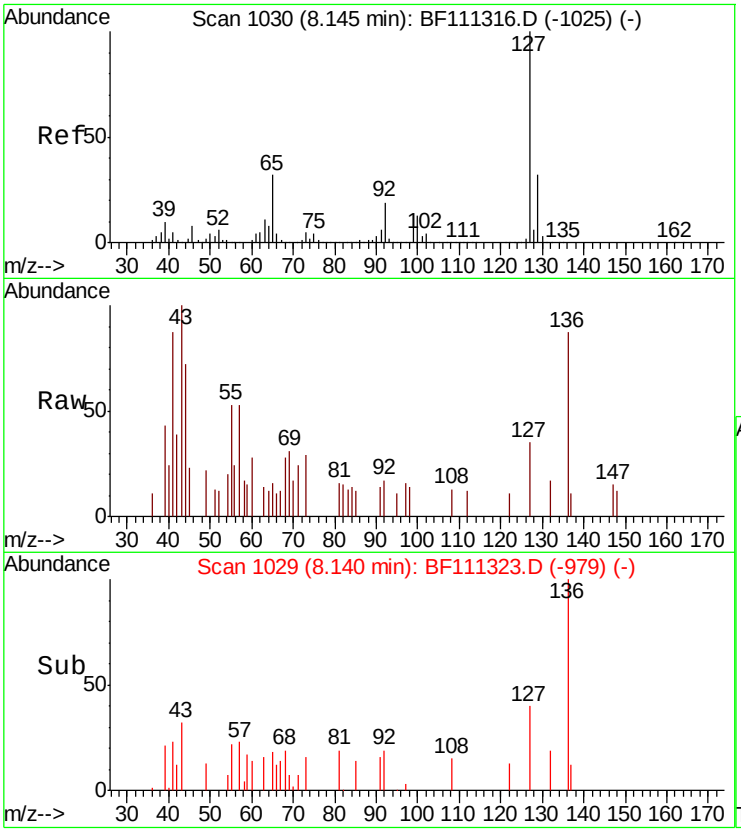


#32
Benzoic acid
Concen: 0.011 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.12 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:122 Resp: 164

Ion	Ratio	Lower	Upper
122	100		
105	125.8	97.0	137.0
77	75.5	65.7	105.7



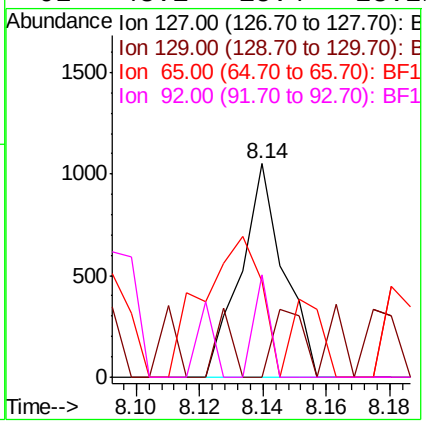


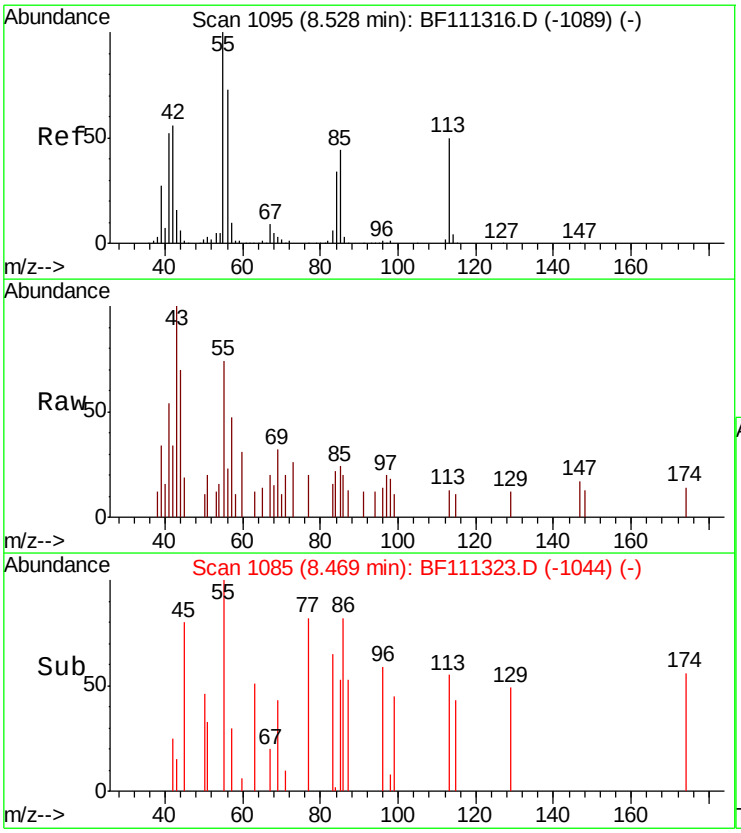
#33
4-Chloroaniline
Concen: 0.038 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:127 Resp: 990

Ion	Ratio	Lower	Upper
127	100		
129	0.0	26.6	39.8#
65	45.2	25.7	38.5#
92	48.1	15.4	23.2#

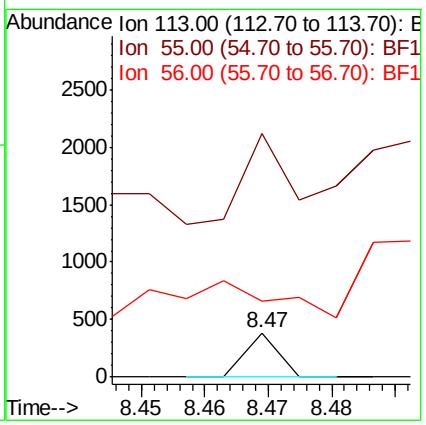


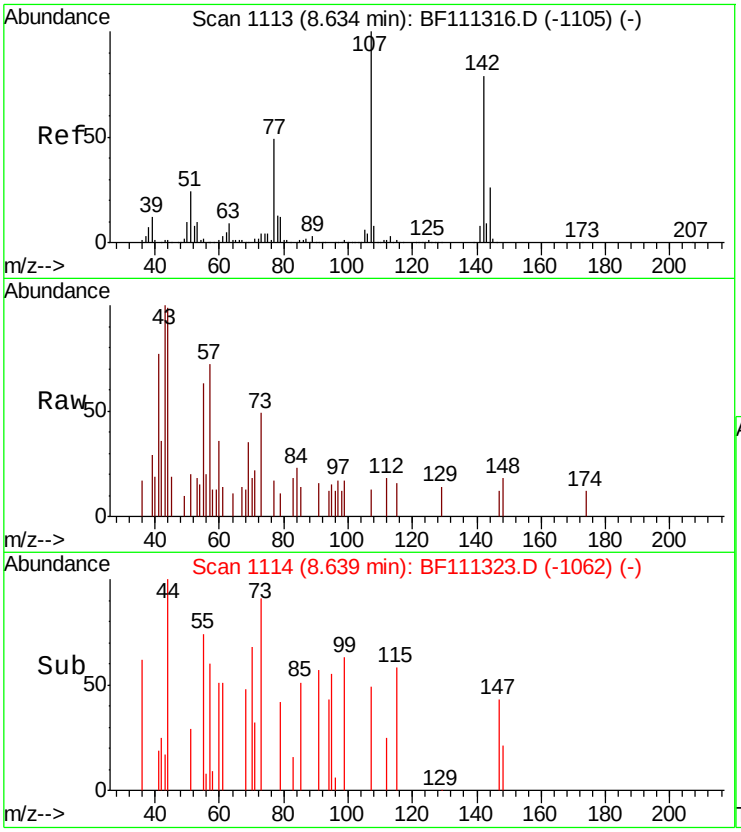


#35
Caprolactam
Concen: 0.021 ng
RT: 8.47 min Scan# 1085
Delta R.T. -0.06 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:113 Resp: 135

Ion	Ratio	Lower	Upper
113	100		
55	551.6	184.1	224.1#
56	172.7	126.0	166.0#



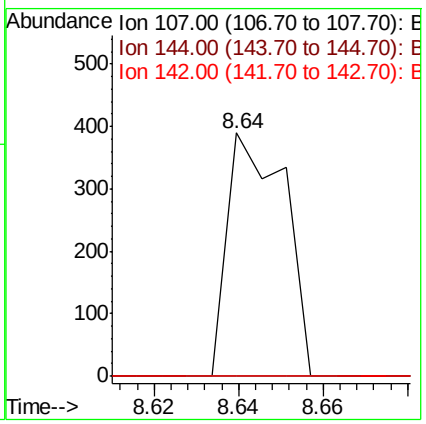


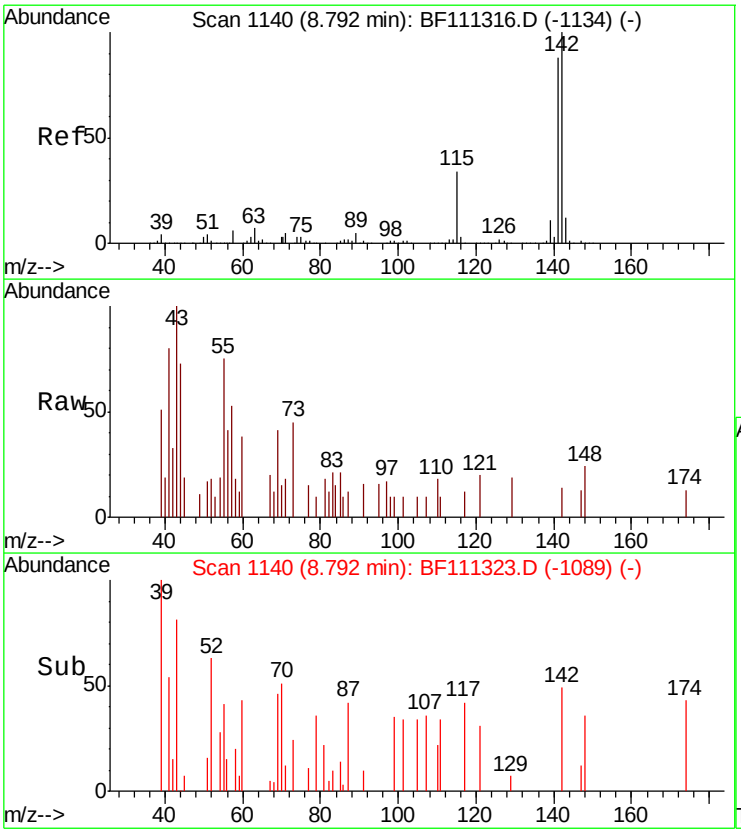
#36
4-Chloro-3-methylphenol
Concen: 0.018 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:107 Resp: 367

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

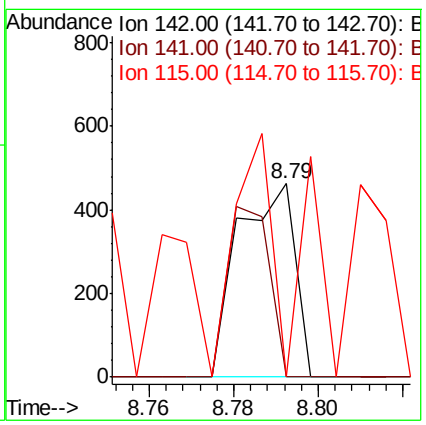


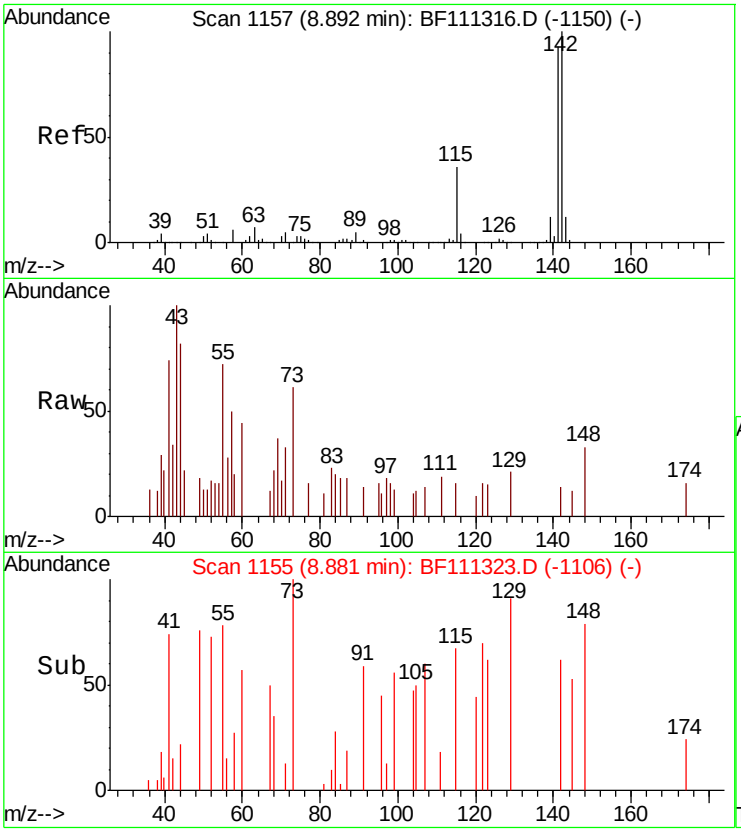


#37
2-Methylnaphthalene
Concen: 0.011 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:142 Resp: 430

Ion	Ratio	Lower	Upper
142	100		
141	0.0	70.6	105.8#
115	0.0	27.0	40.6#



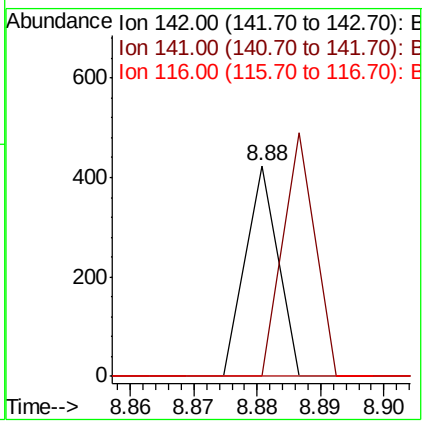


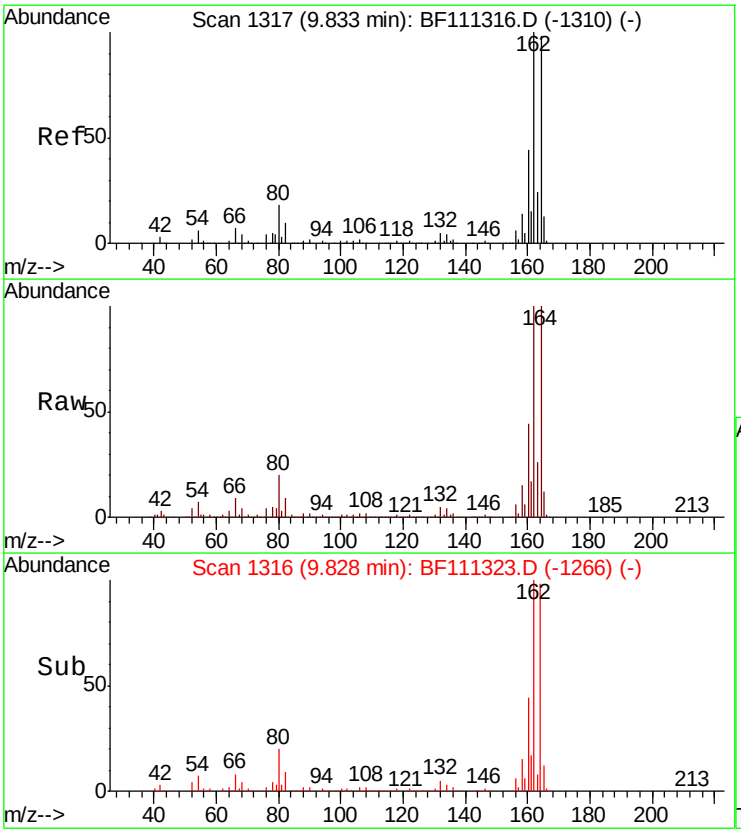
#38
1-Methylnaphthalene
Concen: 0.004 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:142 Resp: 150

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

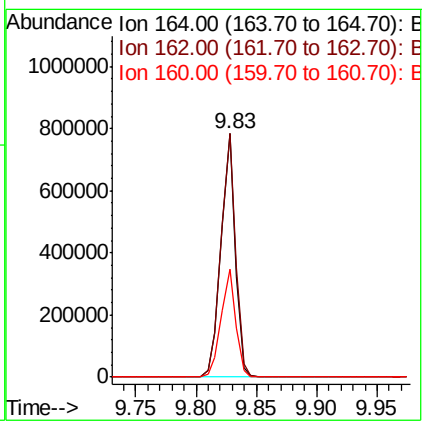


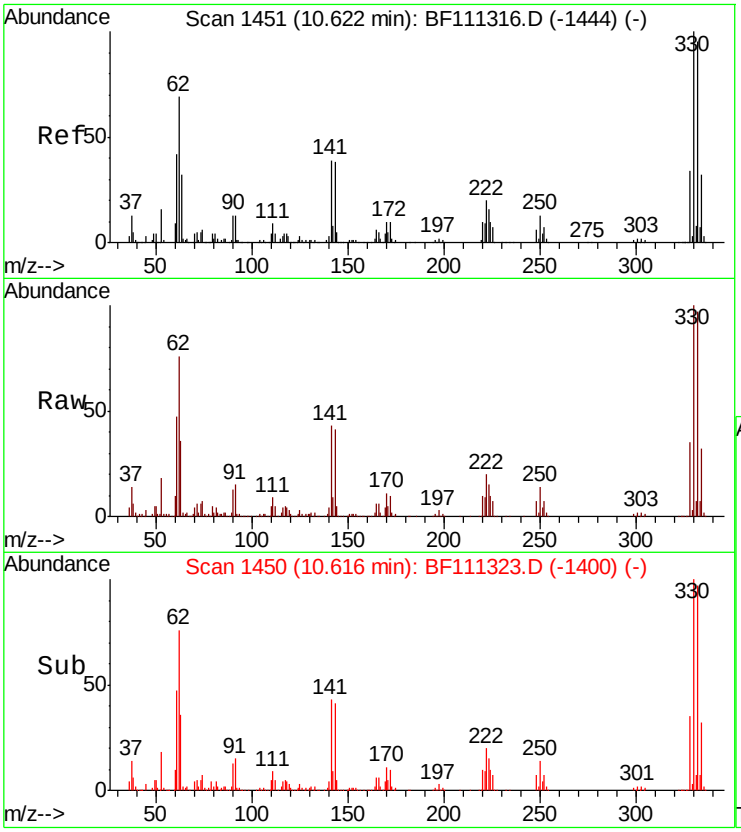


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:164 Resp: 640528

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	44.3	35.7	53.5



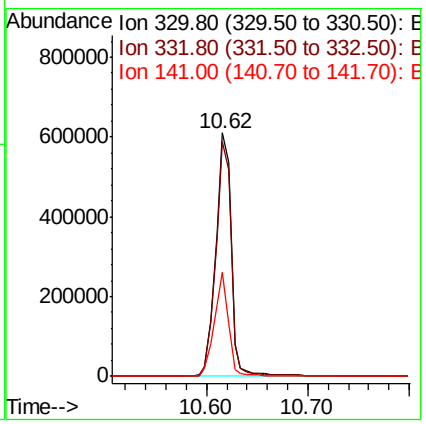


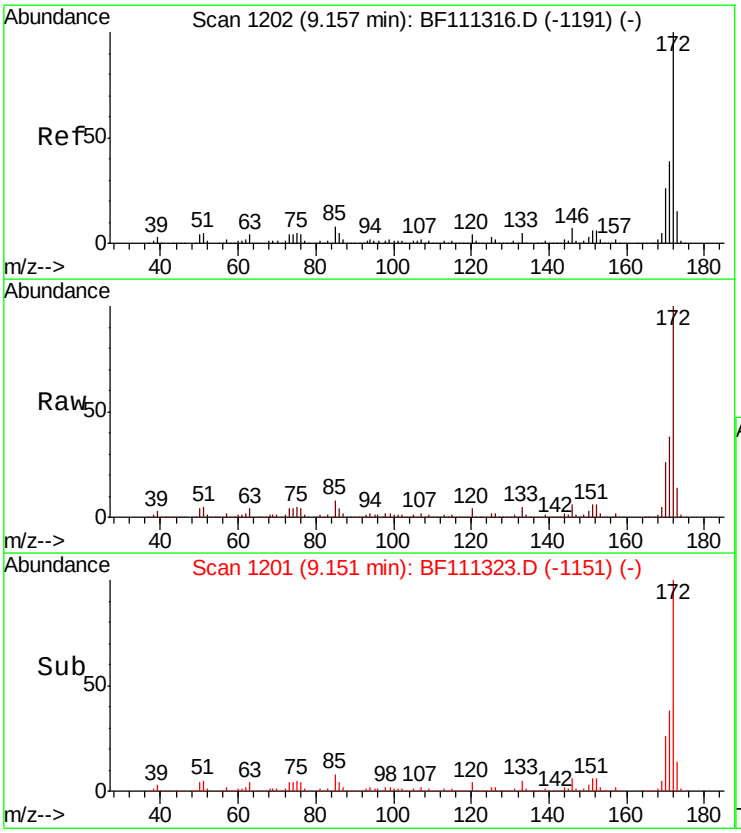
#42
2,4,6-Tribromophenol
Concen: 114.987 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:330 Resp: 649256

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	39.5	31.0	46.6

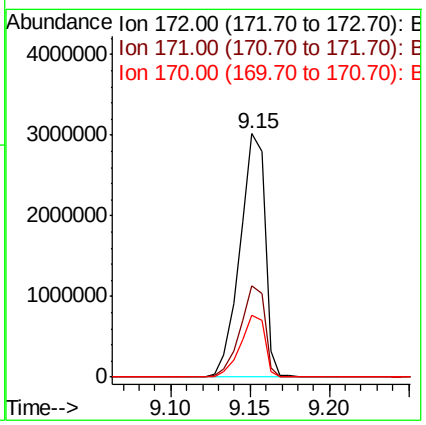


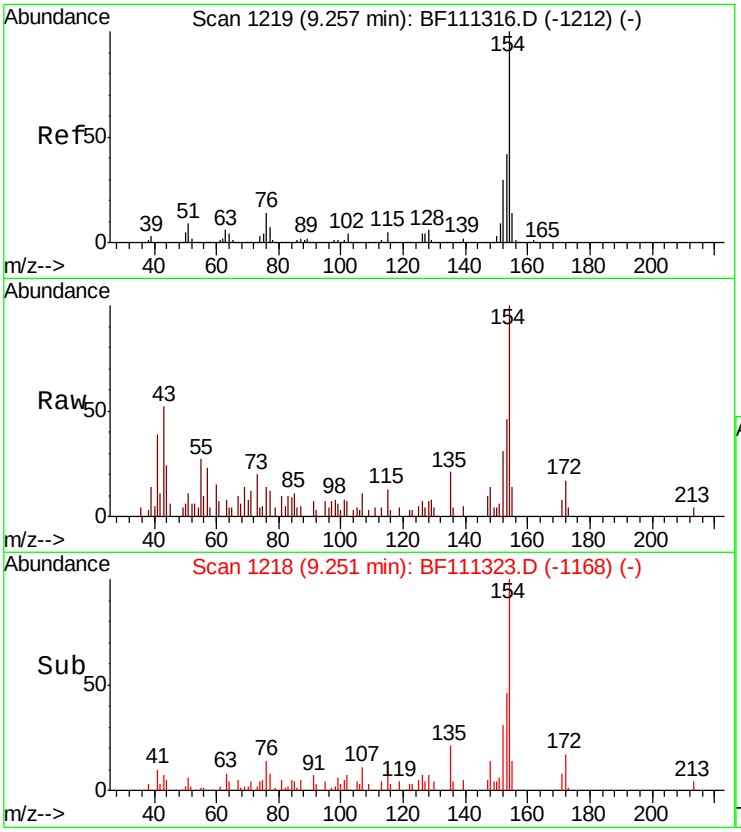


#45
2-Fluorobiphenyl
Concen: 82.951 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:172 Resp: 3309443

Ion	Ratio	Lower	Upper
172	100		
171	37.5	33.0	49.4
170	25.6	22.3	33.5



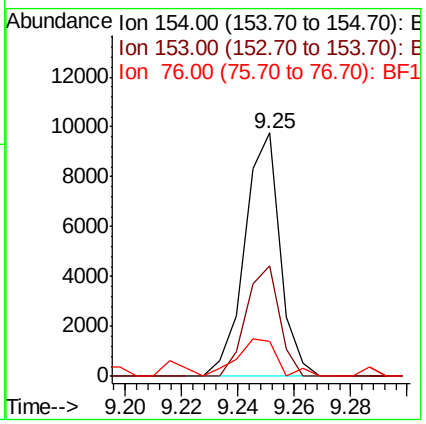


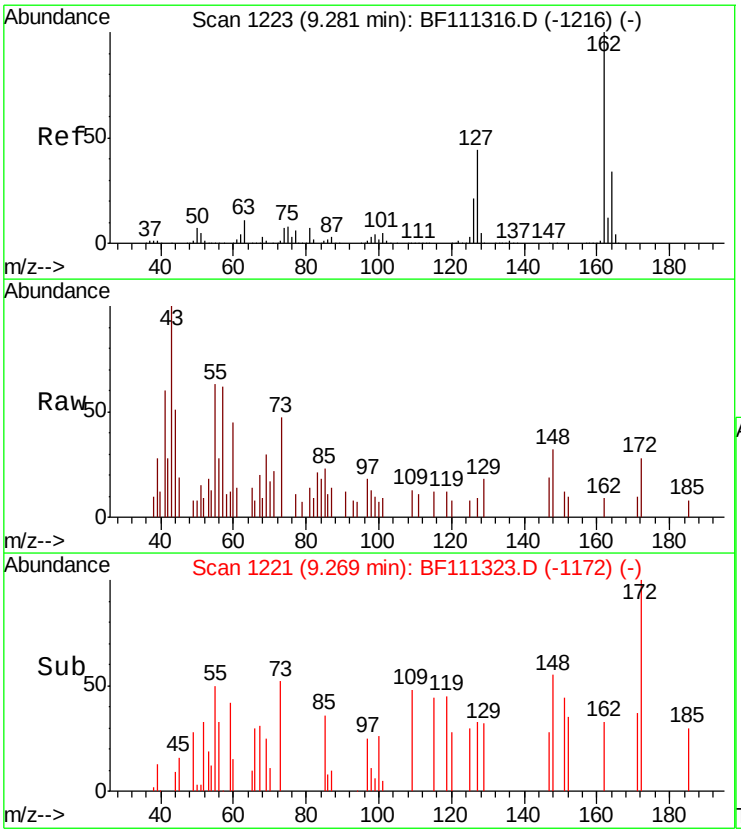
#46
1,1'-Biphenyl
Concen: 0.155 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:154 Resp: 8497

Ion	Ratio	Lower	Upper
154	100		
153	45.6	23.7	63.7
76	14.2	0.0	35.0

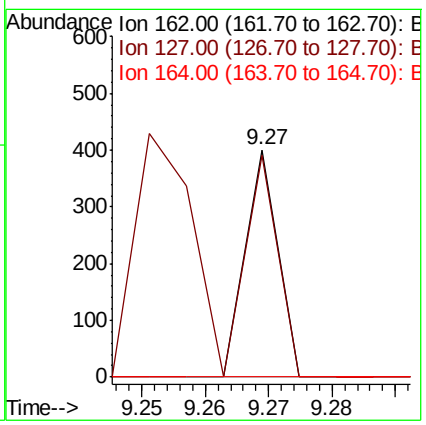


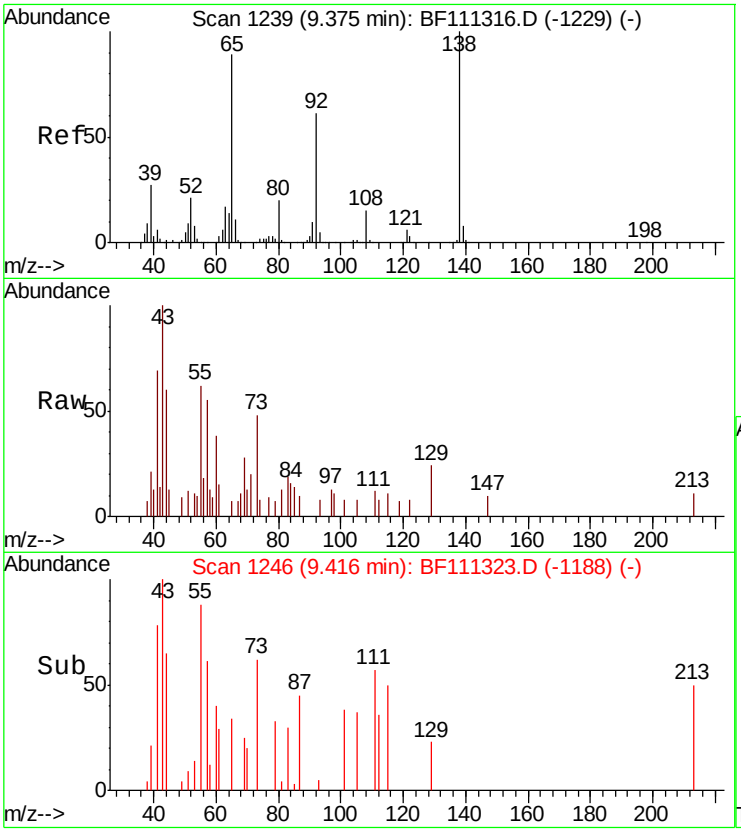


#47
2-Chloronaphthalene
Concen: 0.003 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:162 Resp: 142

Ion	Ratio	Lower	Upper
162	100		
127	97.5	35.0	52.4#
164	0.0	28.4	42.6#



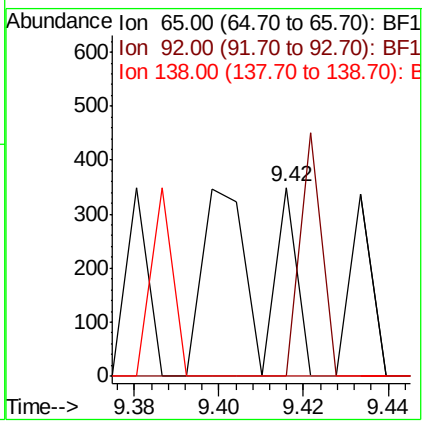


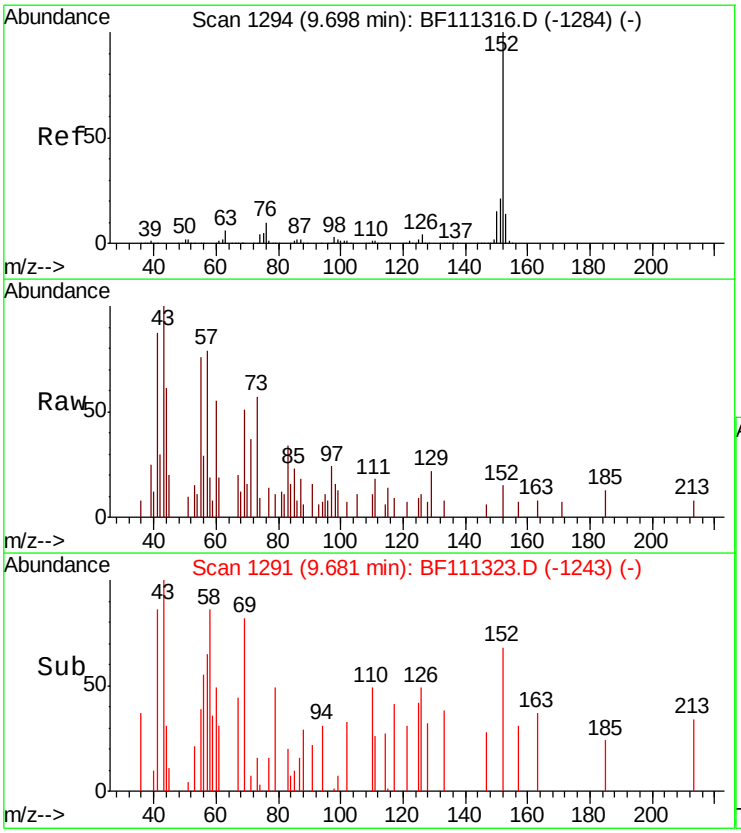
#48
2-Nitroaniline
Concen: 0.026 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.04 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 65 Resp: 359

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

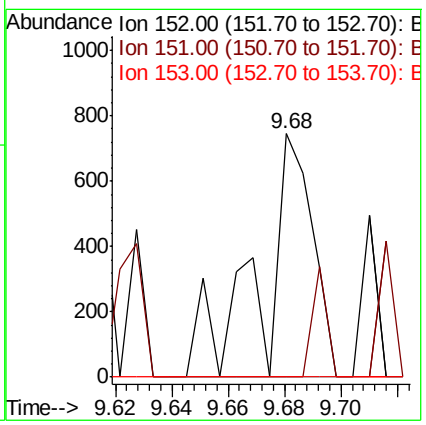


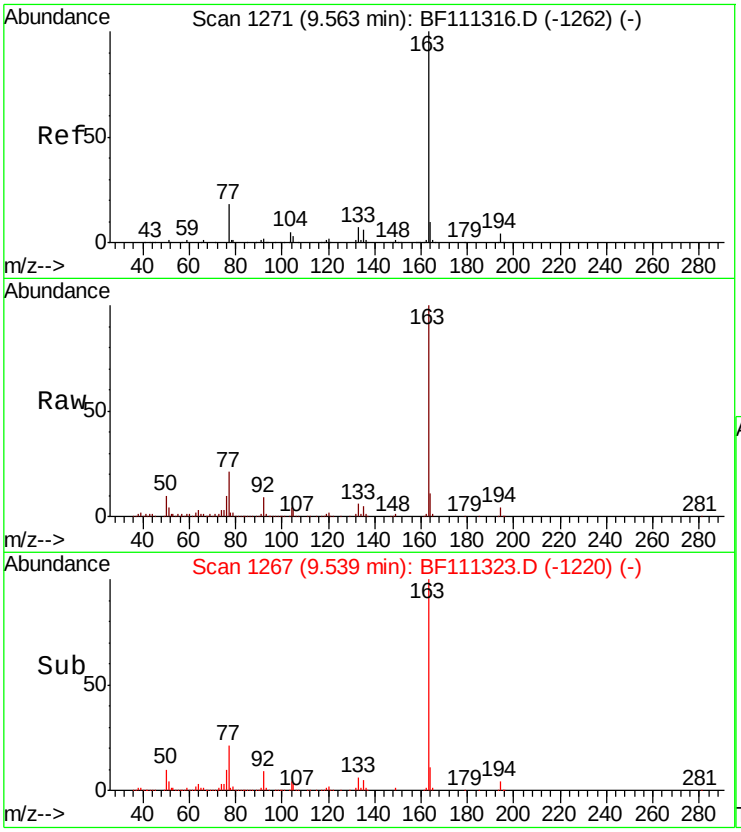


#49
Acenaphthylene
Concen: 0.016 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:152 Resp: 953

Ion	Ratio	Lower	Upper
152	100		
151	0.0	18.0	27.0#
153	0.0	12.3	18.5#



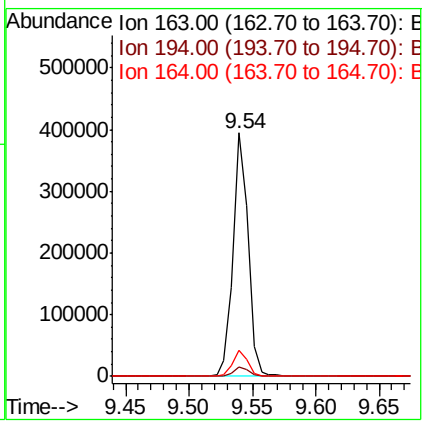


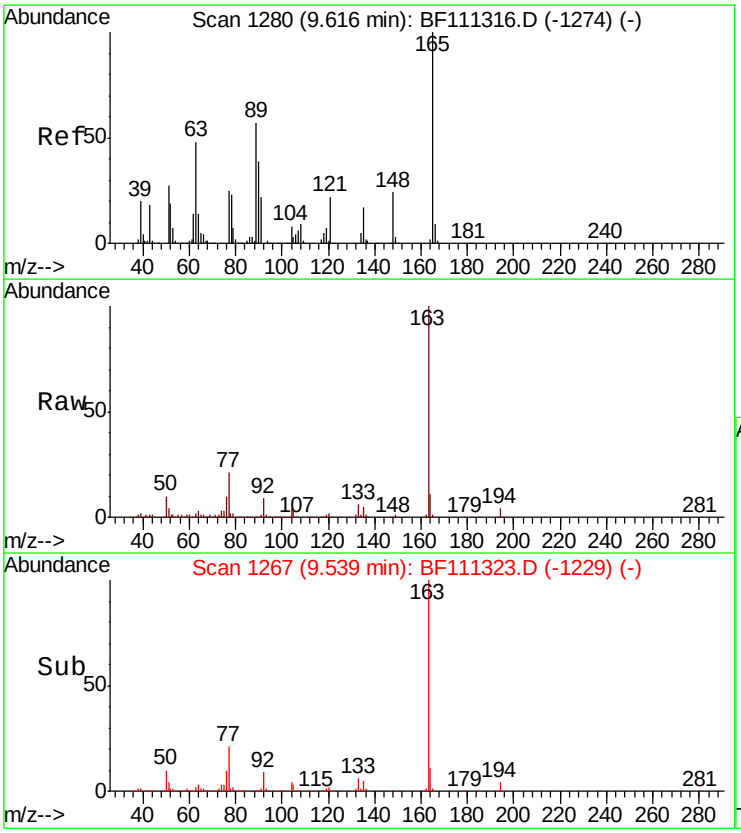
#50
Dimethylphthalate
Concen: 6.988 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:163 Resp: 321896

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.7	8.9	13.3

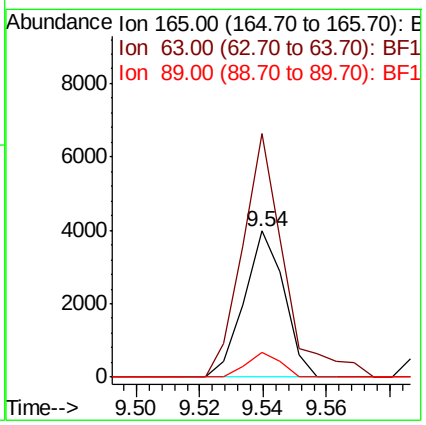


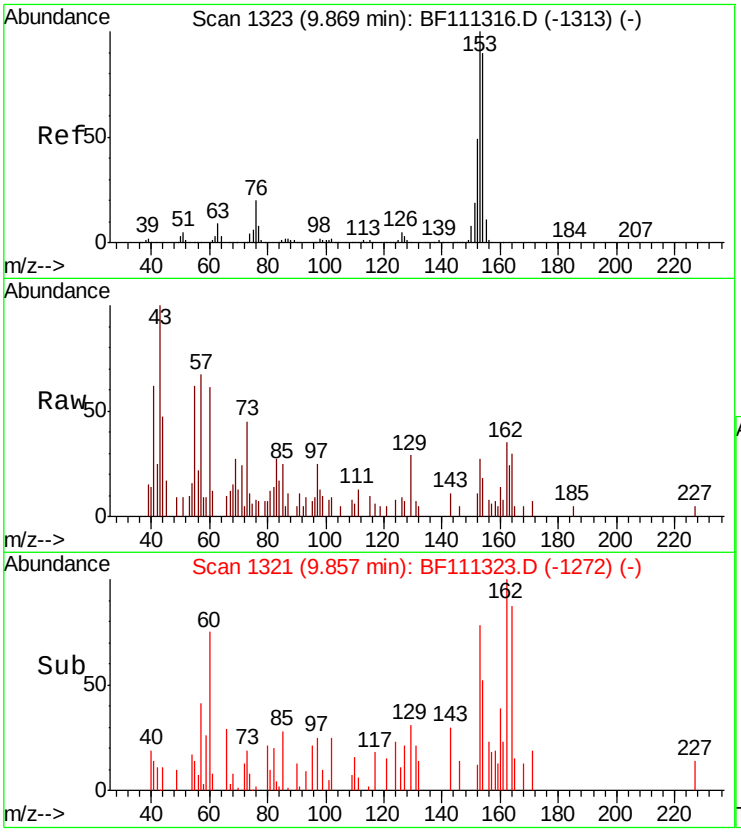


#51
2,6-Dinitrotoluene
Concen: 0.341 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.08 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:165 Resp: 3480

Ion	Ratio	Lower	Upper
165	100		
63	166.5	40.5	60.7#
89	17.3	40.0	60.0#



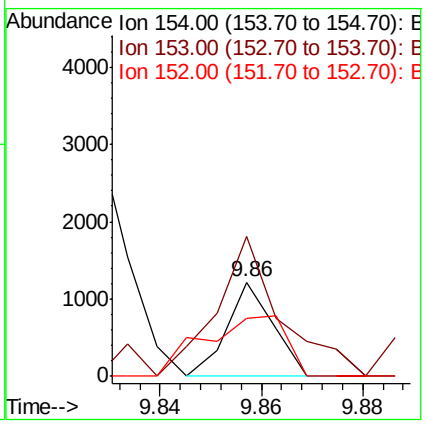


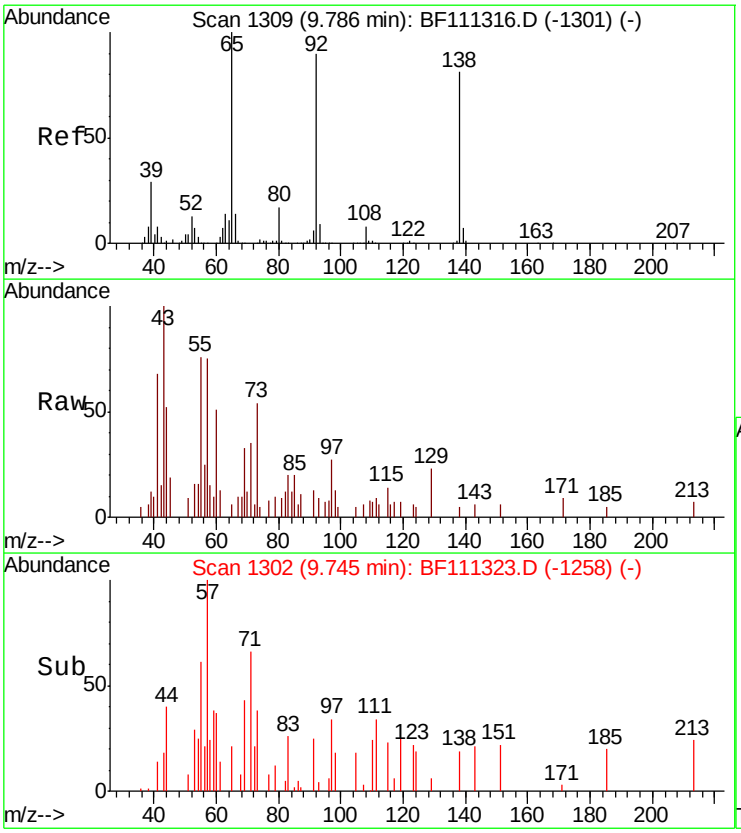
#52
Acenaphthene
Concen: 0.020 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:154 Resp: 772

Ion	Ratio	Lower	Upper
154	100		
153	147.7	87.8	131.8#
152	61.4	43.4	65.2

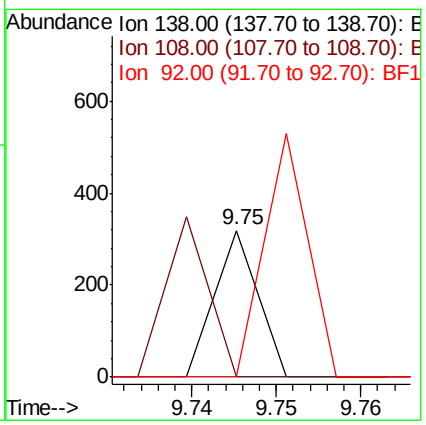


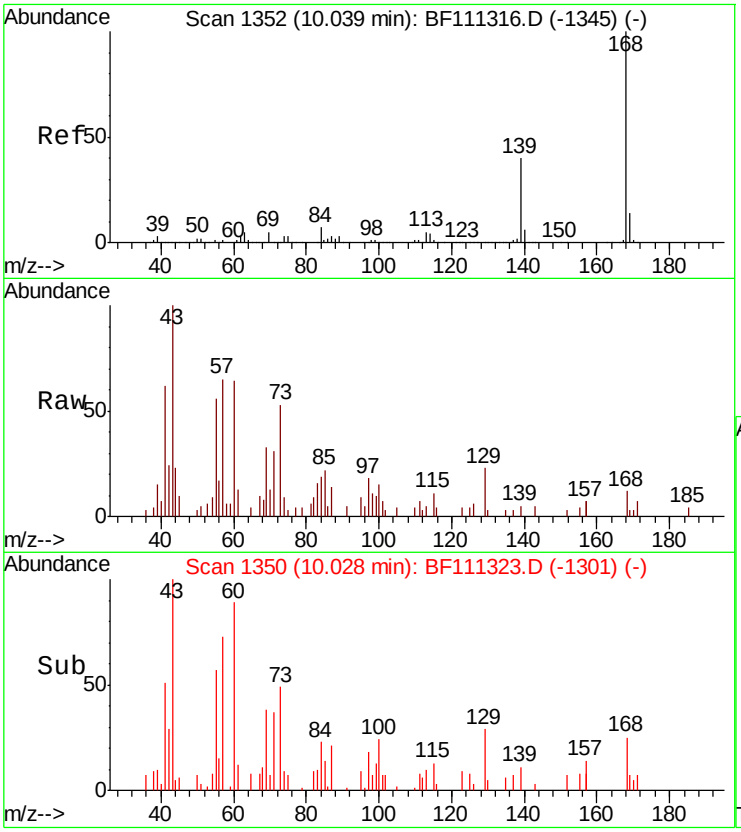


#53
3-Nitroaniline
Concen: 0.009 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.04 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:138 Resp: 112

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.2	12.4#
92	0.0	93.4	140.2#



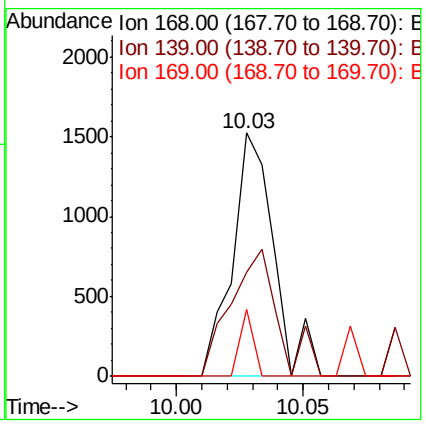


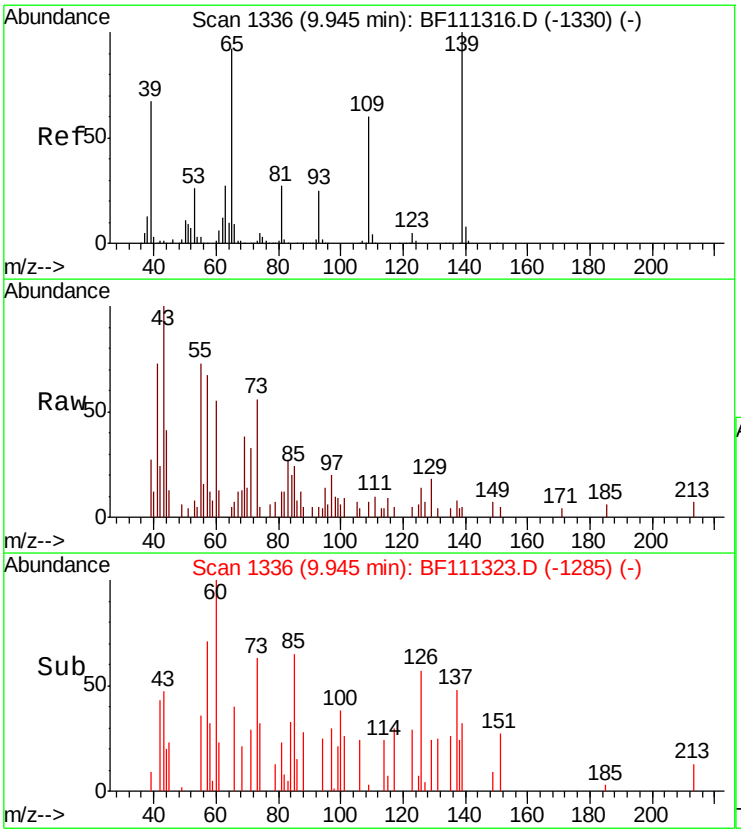
#55
Dibenzofuran
Concen: 0.031 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:168 Resp: 1736

Ion	Ratio	Lower	Upper
168	100		
139	42.8	32.6	49.0
169	27.6	11.8	17.6#

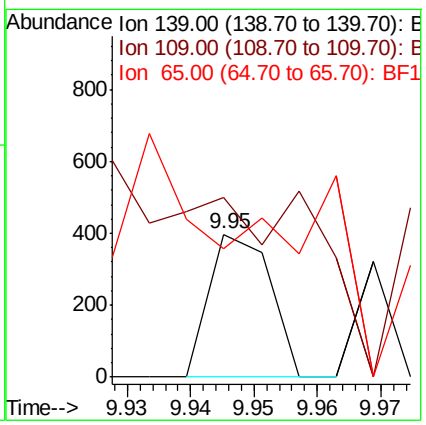


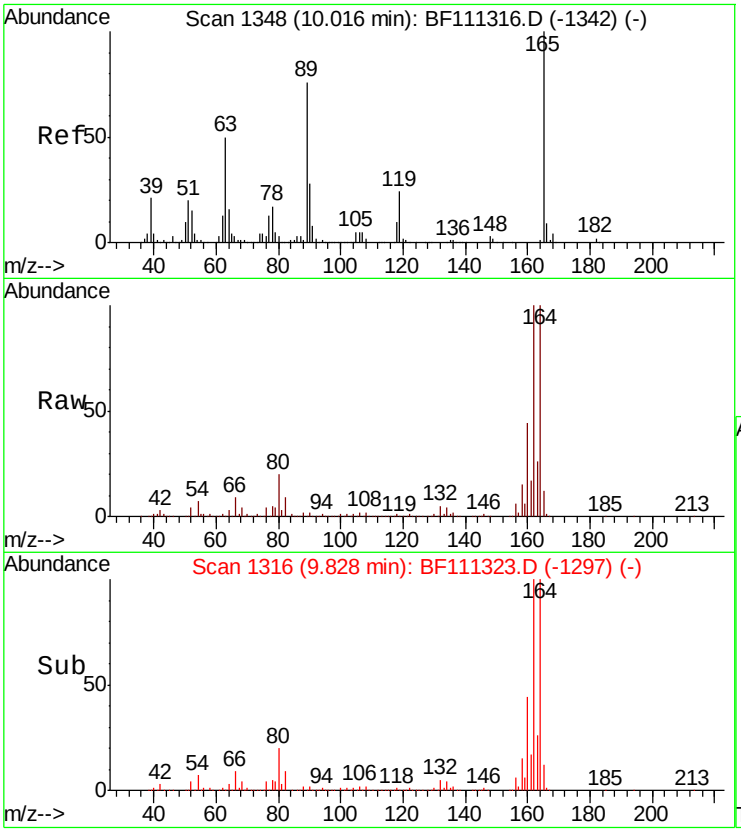


#56
4-Nitrophenol
Concen: 0.030 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:139 Resp: 262

Ion	Ratio	Lower	Upper
139	100		
109	125.6	41.8	81.8#
65	89.7	79.6	119.6



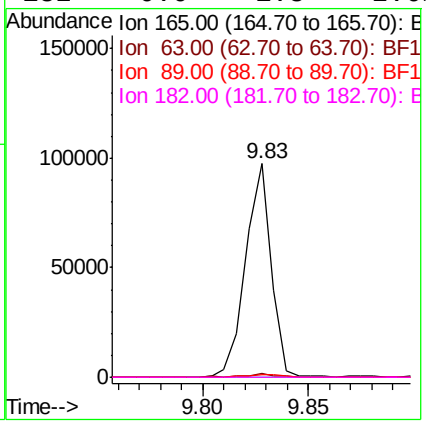


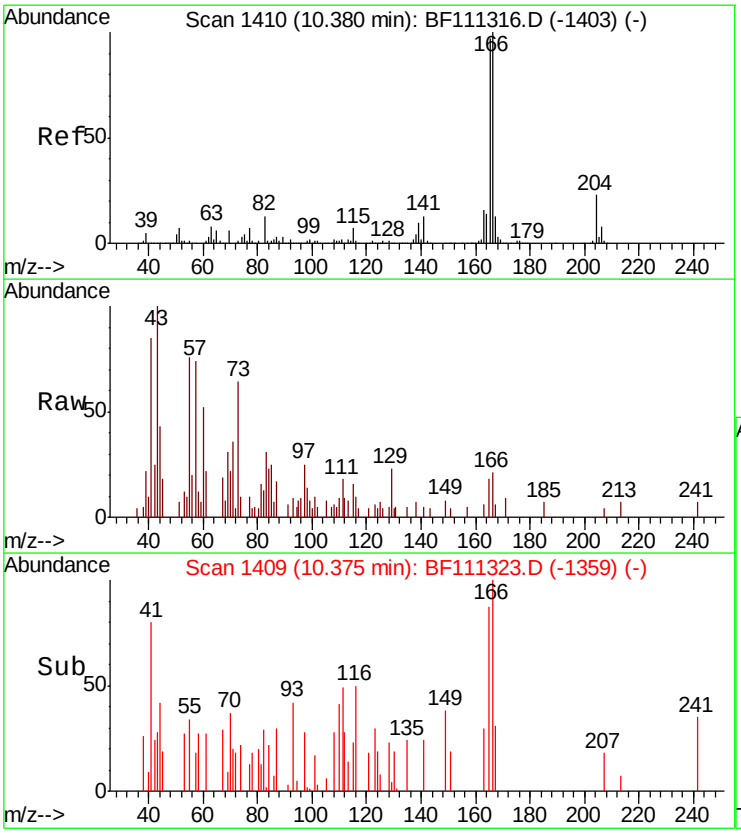
#57
2,4-Dinitrotoluene
Concen: 6.300 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.19 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:165 Resp: 82440

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.2	56.2	84.4#
182	0.0	1.8	2.6#

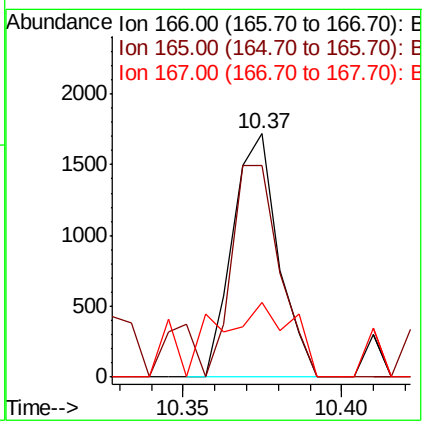


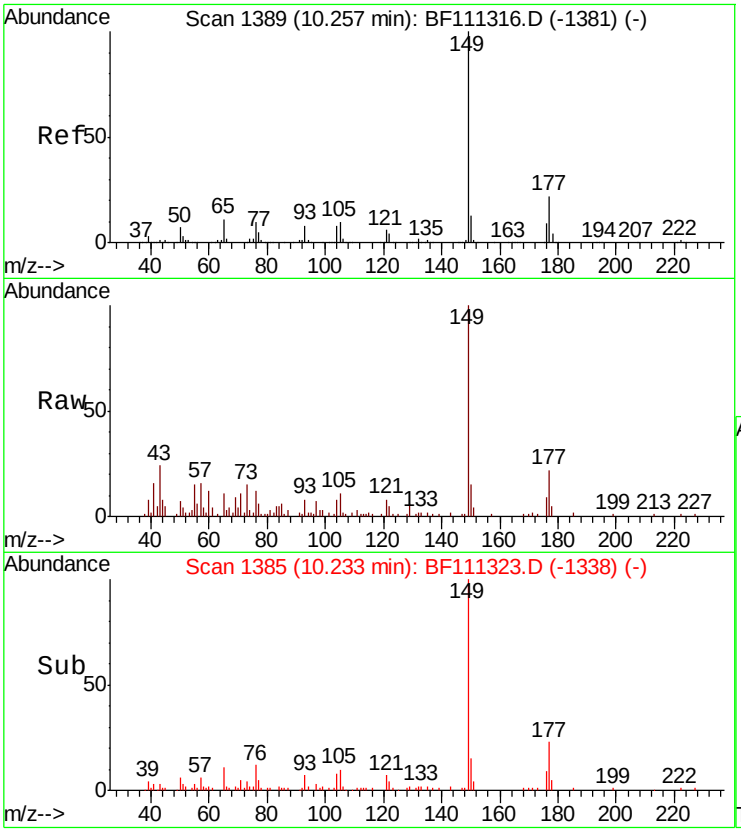


#58
Fluorene
Concen: 0.043 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:166 Resp: 1714

Ion	Ratio	Lower	Upper
166	100		
165	86.8	78.4	117.6
167	30.5	11.2	16.8#



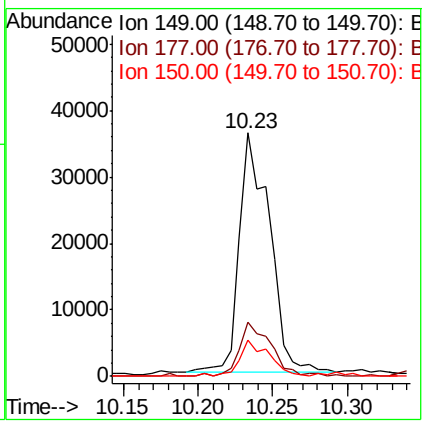


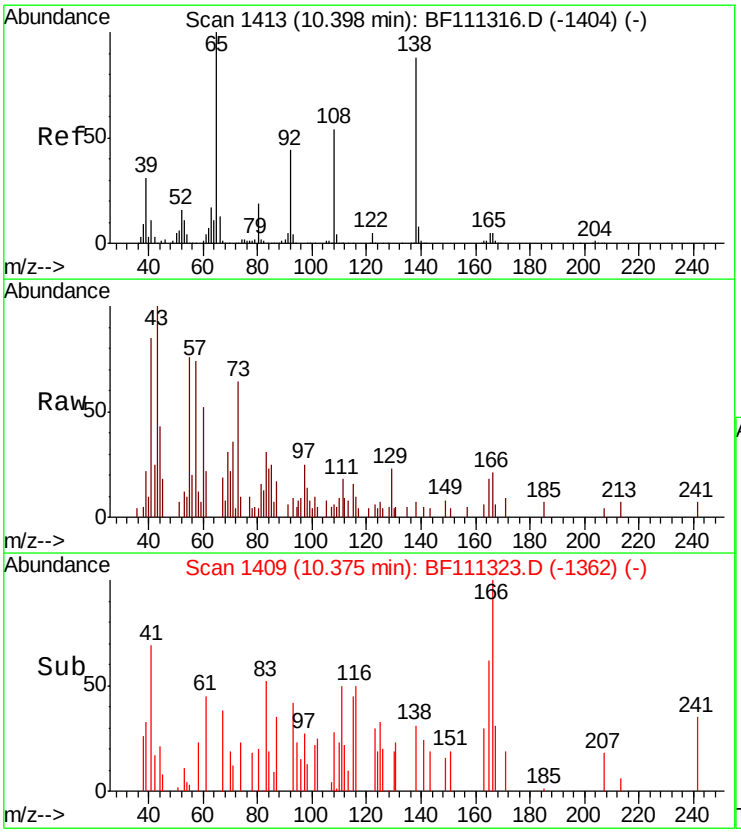
#60
Diethylphthalate
Concen: 1.087 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:149 Resp: 50387

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	14.8	10.6	15.8

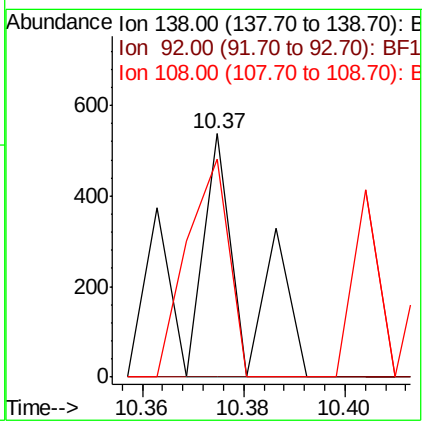


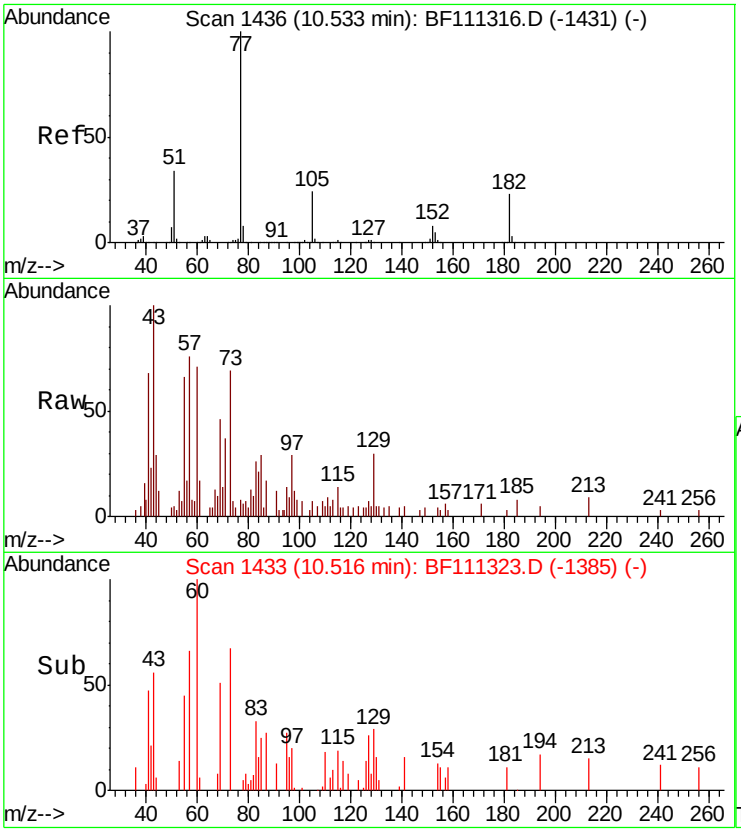


#62
4-Nitroaniline
Concen: 0.026 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:138 Resp: 306

Ion	Ratio	Lower	Upper
138	100		
92	0.0	29.9	69.9#
108	89.4	43.2	83.2#



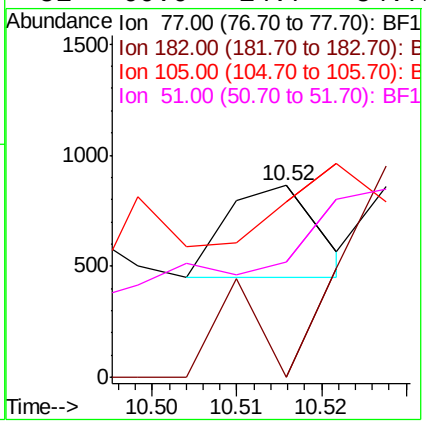


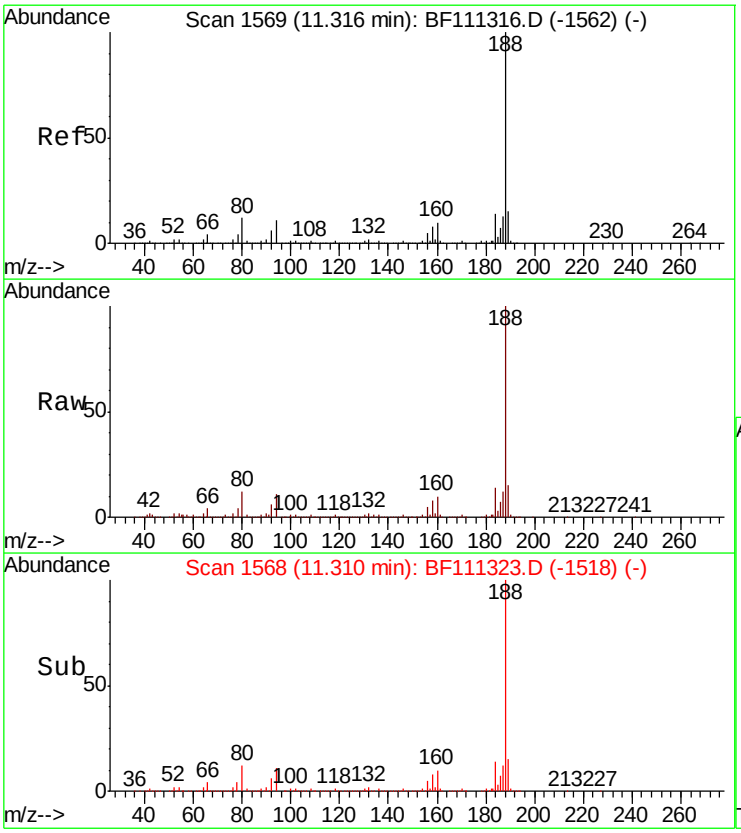
#63
Azobenzene
Concen: 0.007 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion: 77 Resp: 309

Ion	Ratio	Lower	Upper
77	100		
182	0.0	4.9	44.9#
105	91.5	6.0	46.0#
51	60.0	14.7	54.7#

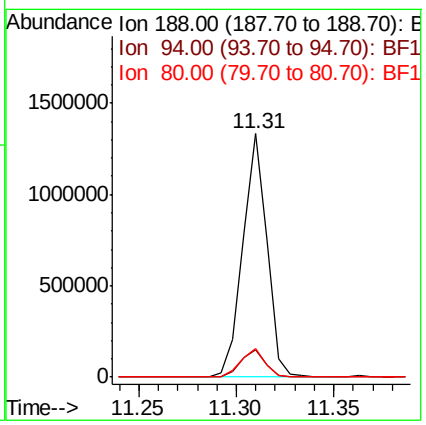


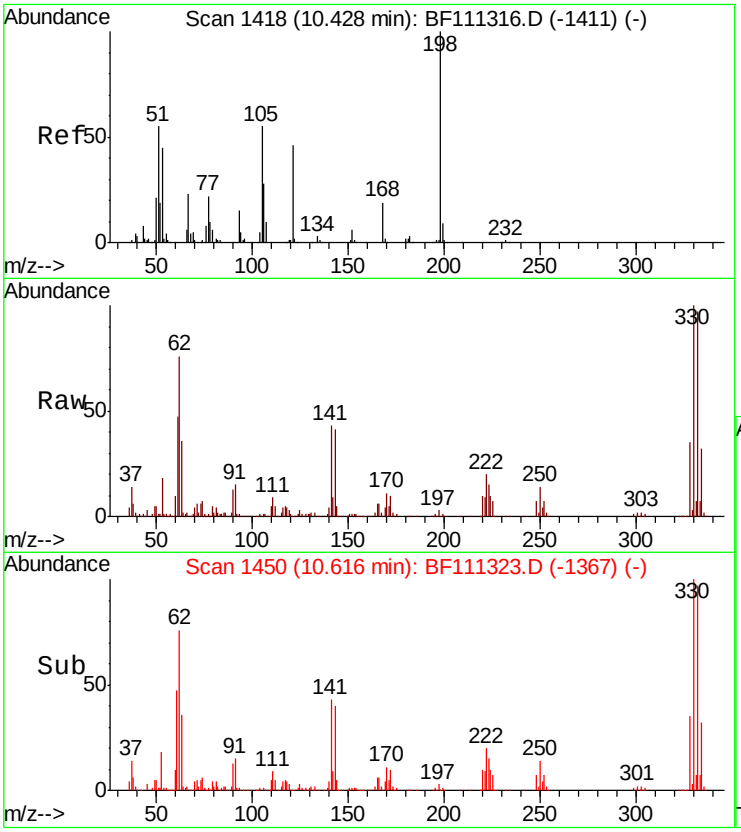


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:188 Resp: 1140176

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.6	14.4
80	11.9	9.8	14.6



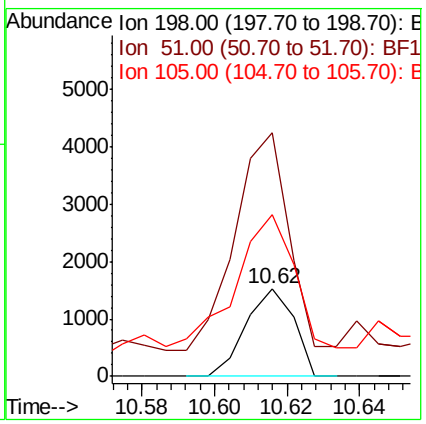


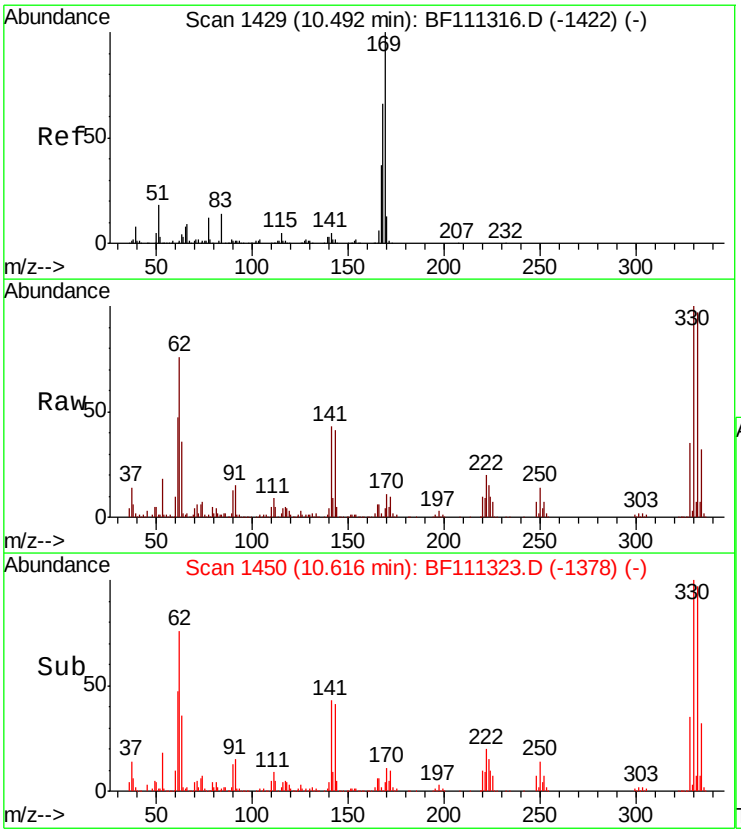
#65
4,6-Dinitro-2-methylphenol
Concen: 0.214 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.19 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:198 Resp: 1399

Ion	Ratio	Lower	Upper
198	100		
51	276.7	48.0	88.0#
105	184.3	34.0	74.0#

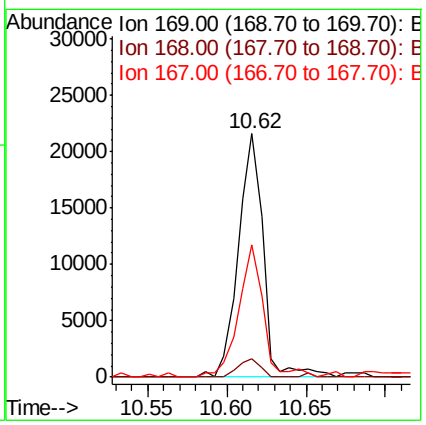


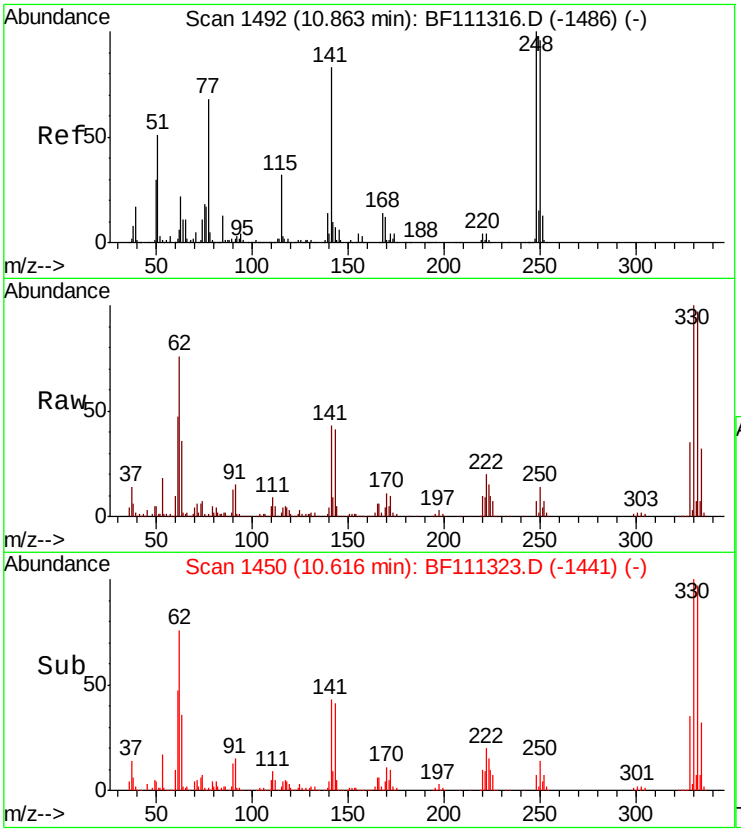


#66
n-Nitrosodiphenylamine
Concen: 0.575 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.12 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:169 Resp: 23325

Ion	Ratio	Lower	Upper
169	100		
168	7.7	54.4	81.6#
167	54.2	30.5	45.7#



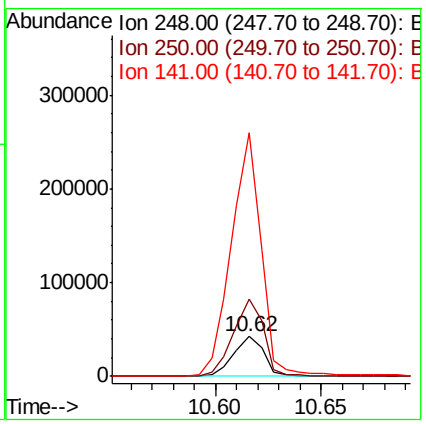


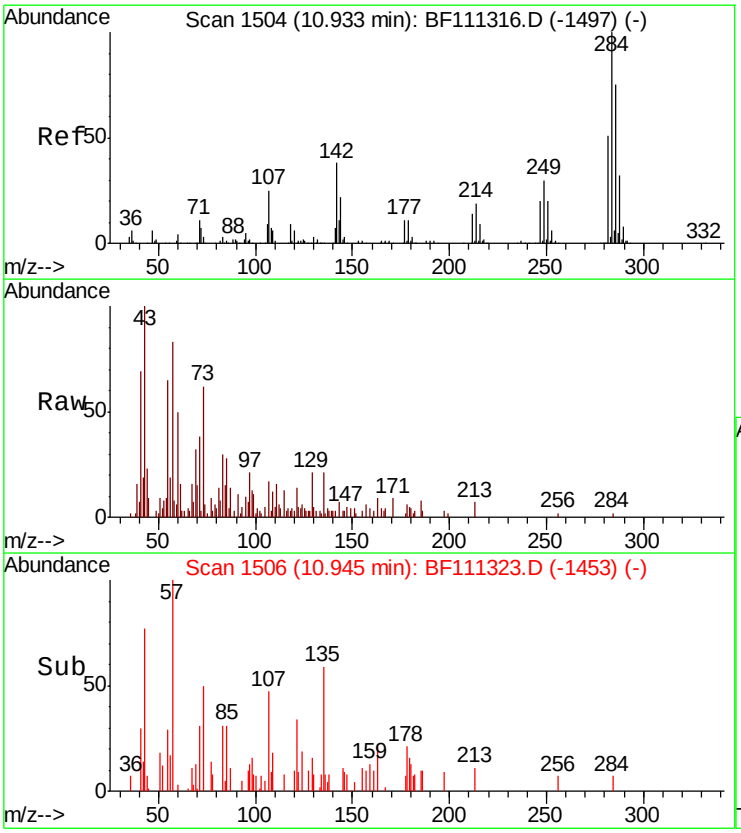
#67
4-Bromophenyl-phenylether
Concen: 3.342 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:248 Resp: 42426

Ion	Ratio	Lower	Upper
248	100		
250	196.2	77.0	115.4#
141	615.3	63.0	94.6#

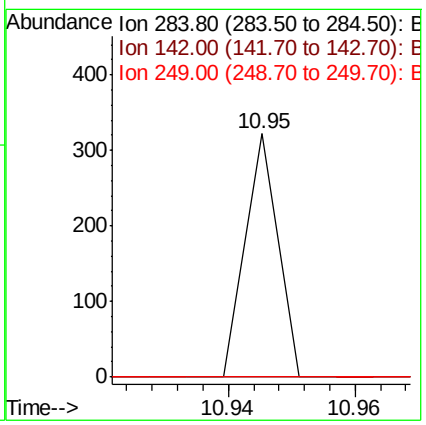


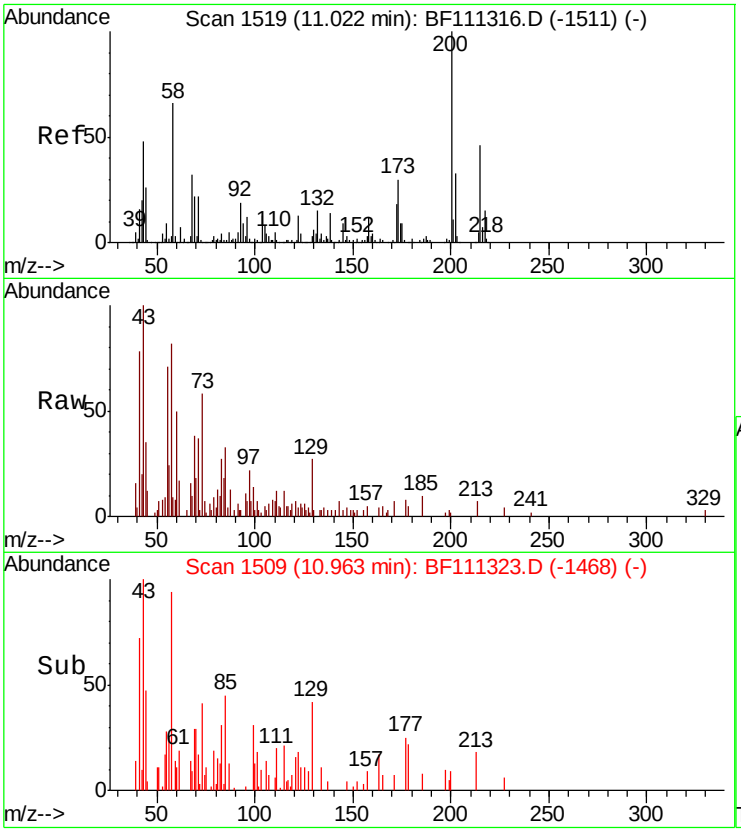


#68
Hexachlorobenzene
Concen: 0.009 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:284 Resp: 114

Ion	Ratio	Lower	Upper
284	100		
142	0.0	27.4	41.2#
249	0.0	24.4	36.6#



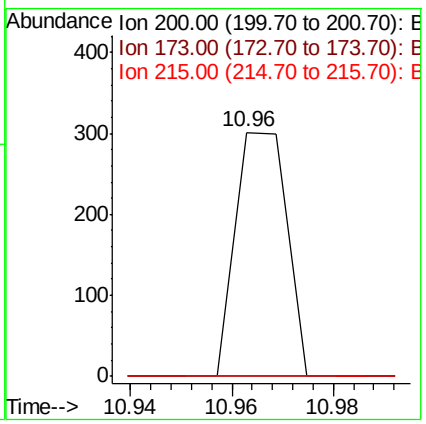


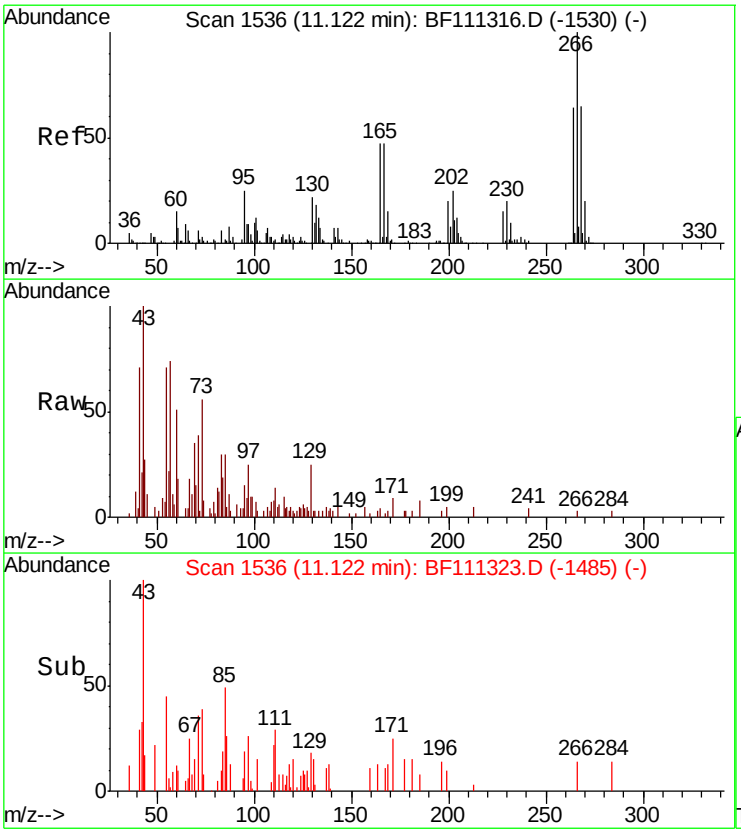
#69
Atrazine
Concen: 0.018 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.06 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:200 Resp: 212

Ion	Ratio	Lower	Upper
200	100		
173	0.0	10.1	50.1#
215	0.0	26.9	66.9#

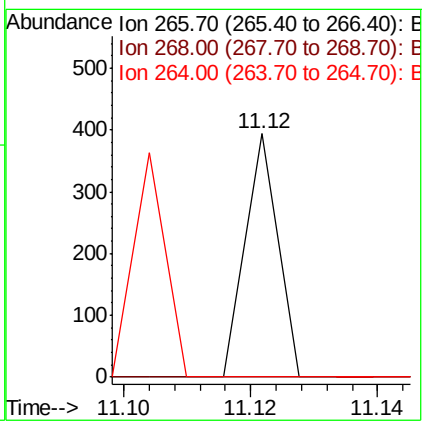


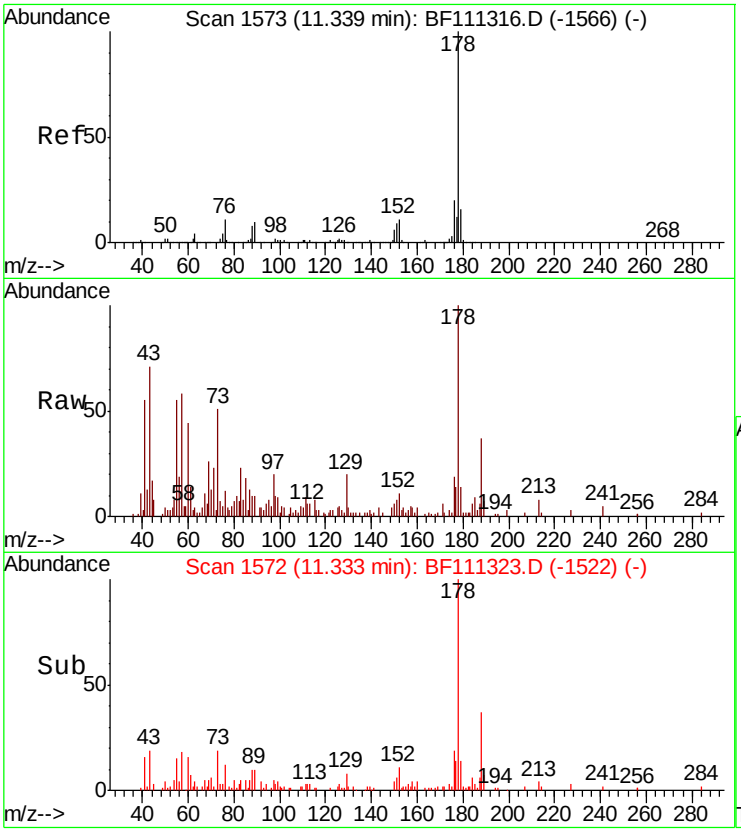


#70
Pentachlorophenol
Concen: 0.016 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:266 Resp: 139

Ion	Ratio	Lower	Upper
266	100		
268	0.0	47.9	71.9#
264	0.0	49.1	73.7#



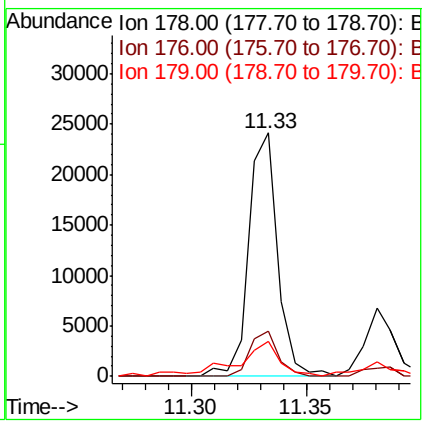


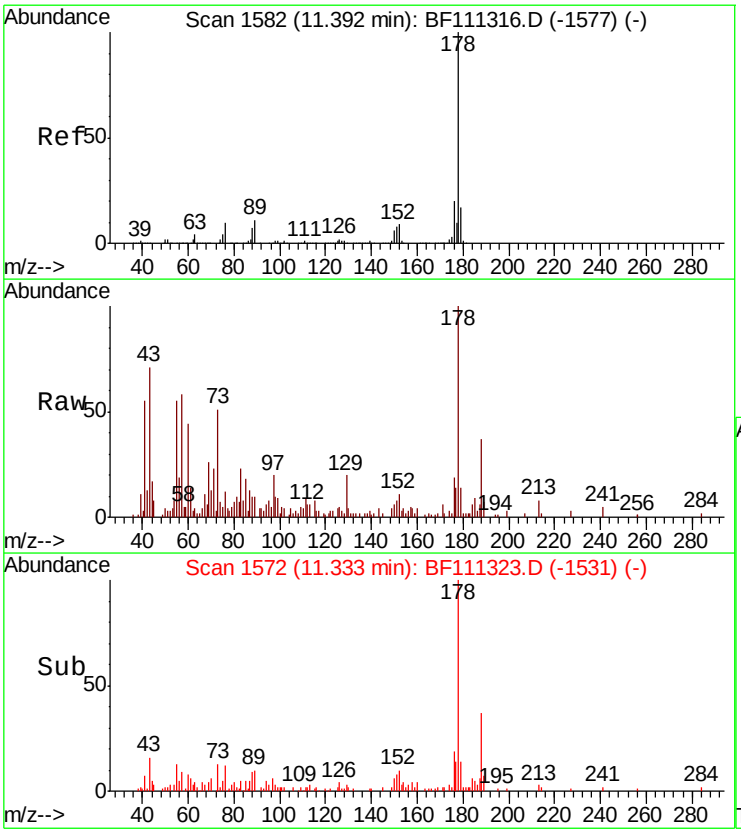
#71
Phenanthrene
Concen: 0.361 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:178 Resp: 21277

Ion	Ratio	Lower	Upper
178	100		
176	18.7	18.1	27.1
179	14.5	14.0	21.0

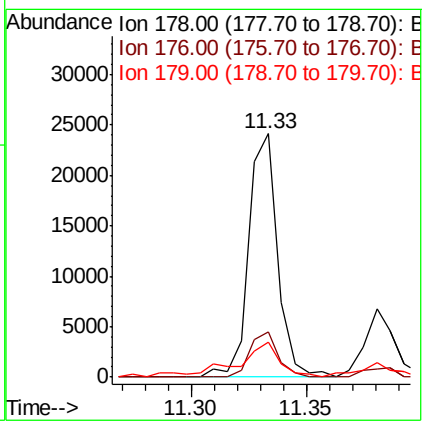


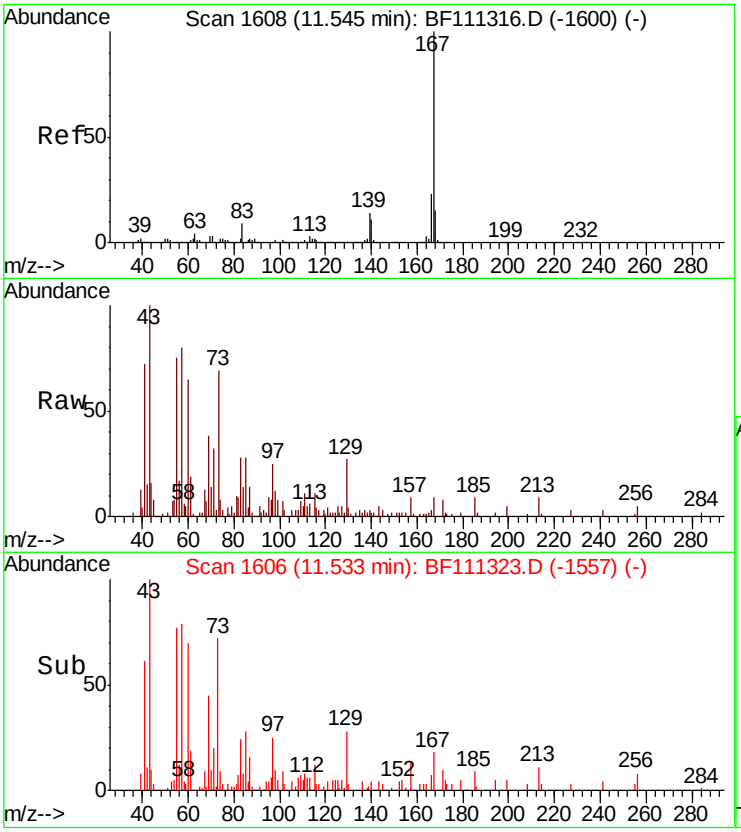


#72
Anthracene
Concen: 0.355 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.06 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:178 Resp: 21277

Ion	Ratio	Lower	Upper
178	100		
176	18.7	17.2	25.8
179	14.5	13.8	20.8



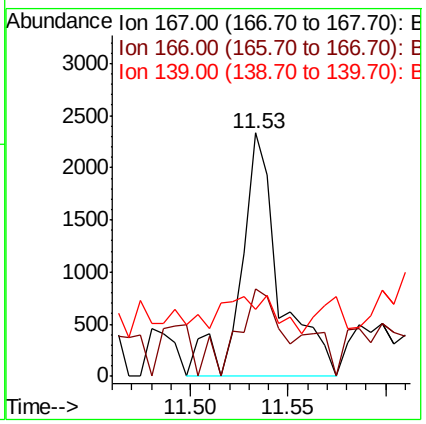


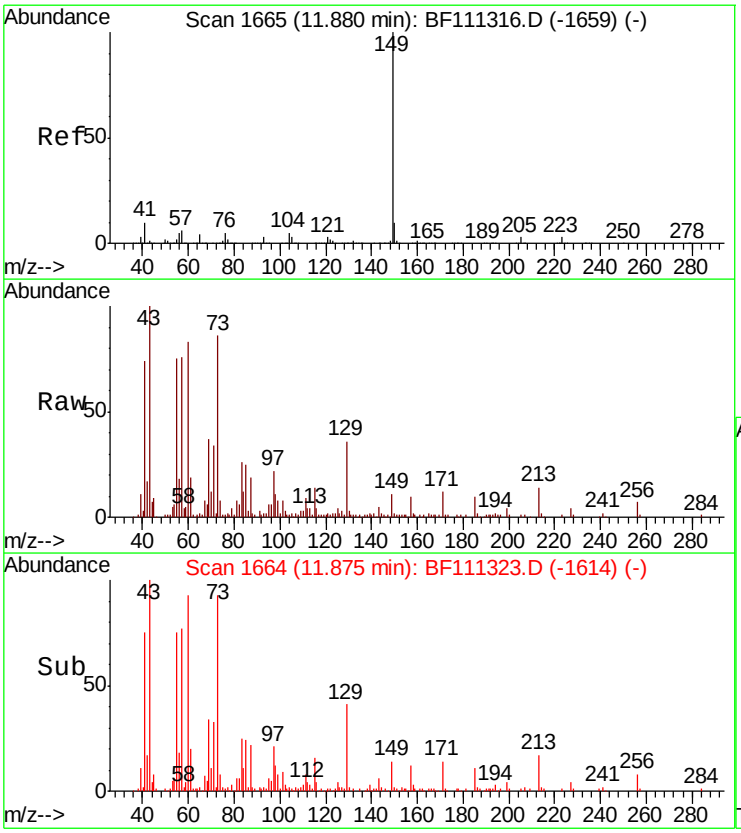
#73
Carbazole
Concen: 0.052 ng
RT: 11.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:167 Resp: 3204

Ion	Ratio	Lower	Upper
167	100		
166	36.0	19.3	28.9#
139	27.8	11.9	17.9#

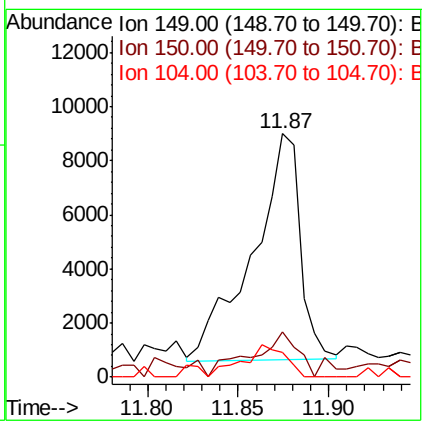


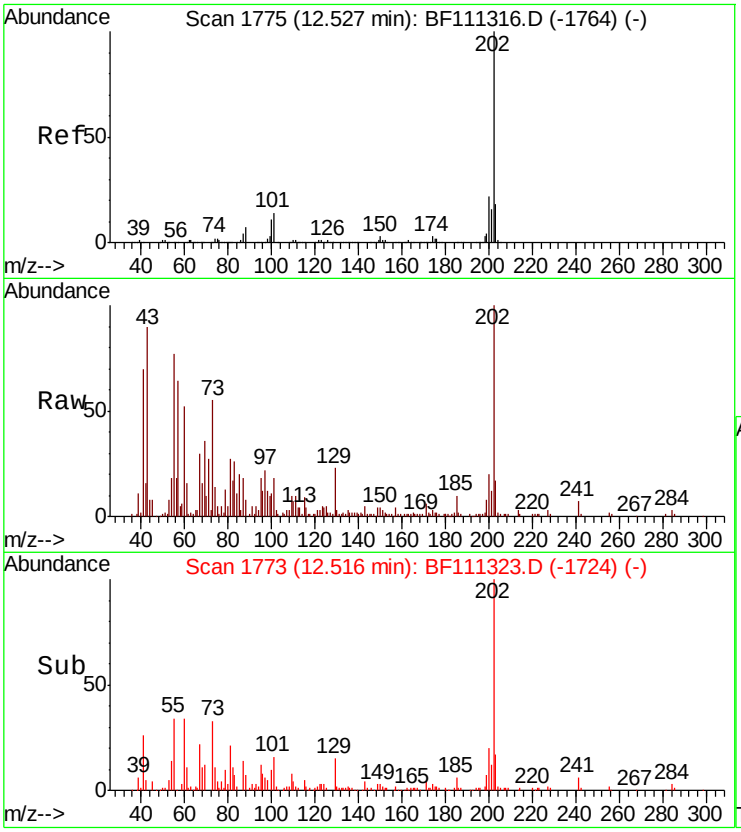


#74
Di-n-butylphthalate
Concen: 0.216 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:149 Resp: 15281

Ion	Ratio	Lower	Upper
149	100		
150	18.6	8.8	13.2#
104	10.1	4.5	6.7#



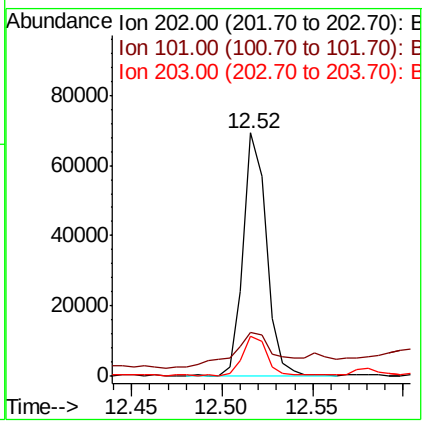


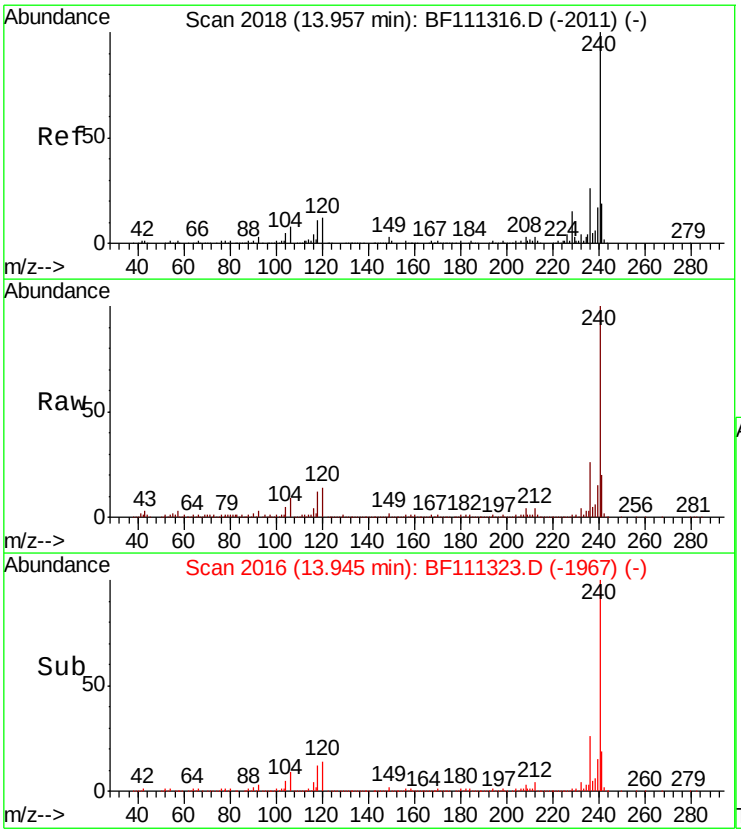
#75
Fluoranthene
Concen: 1.084 ng
RT: 12.52 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:202 Resp: 62355

Ion	Ratio	Lower	Upper
202	100		
101	18.2	0.0	33.8
203	16.7	0.0	38.6

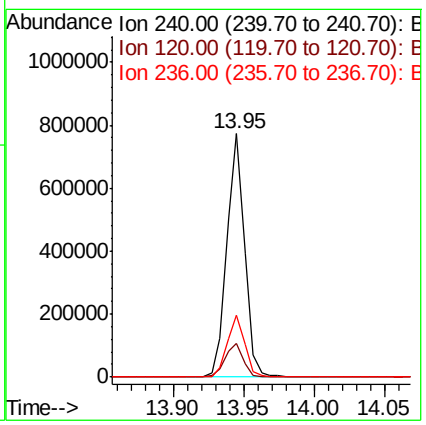


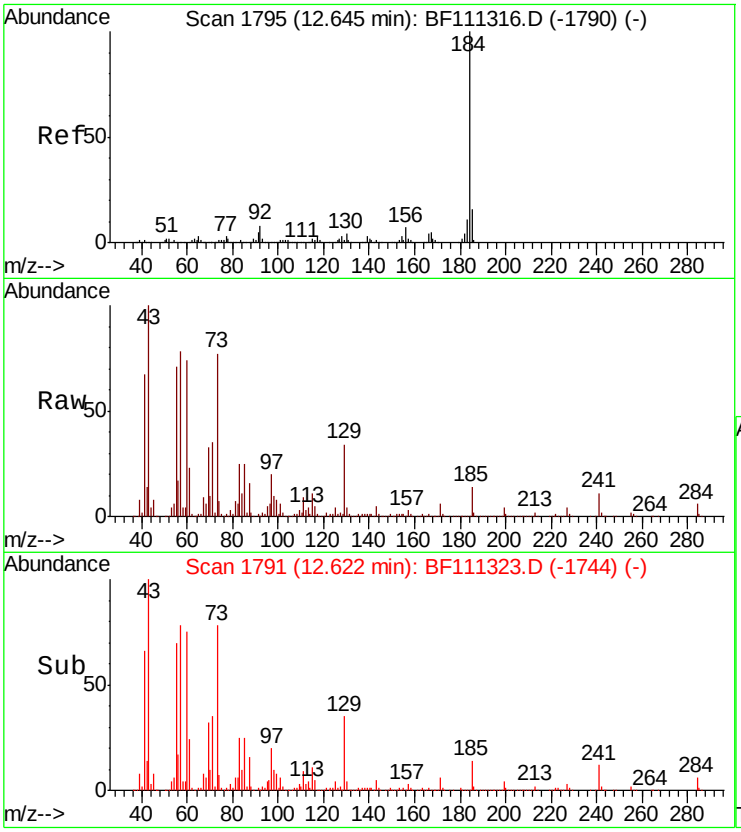


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:240 Resp: 675349

Ion	Ratio	Lower	Upper
240	100		
120	13.6	12.2	18.2
236	25.6	20.2	30.2



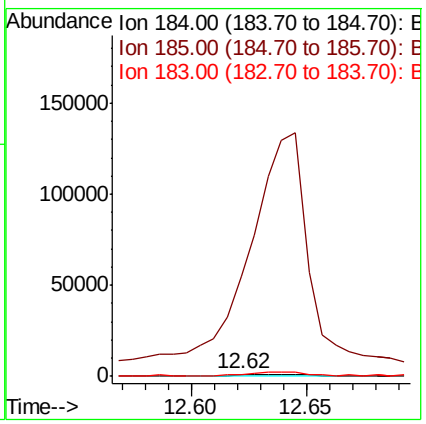


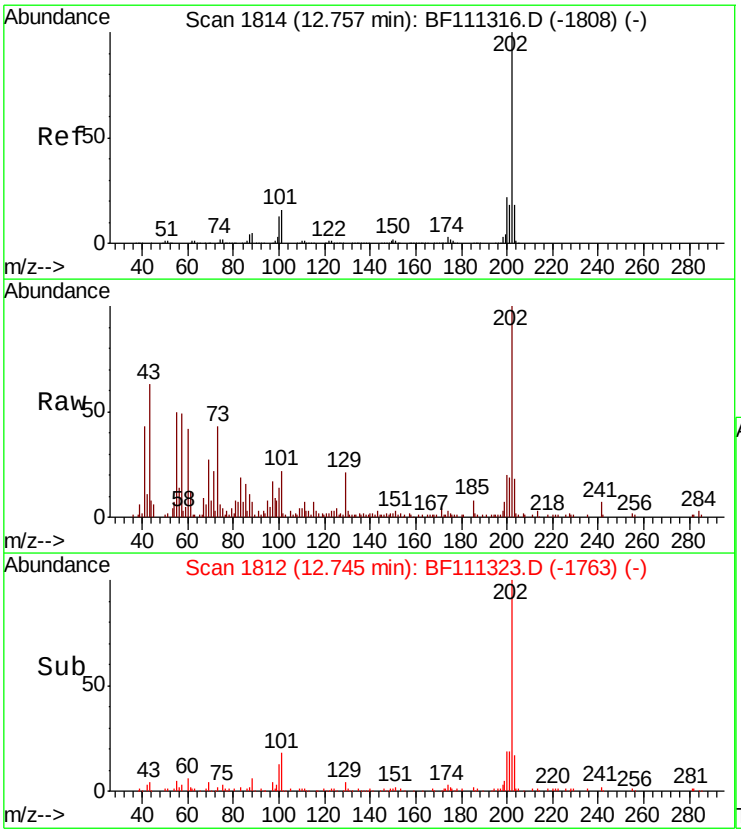
#77
Benzidine
Concen: 0.172 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:184 Resp: 2186

Ion	Ratio	Lower	Upper
184	100		
185	5557.7	13.0	19.6#
183	103.2	9.3	13.9#

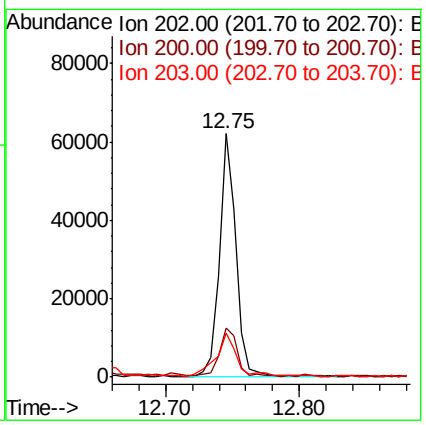


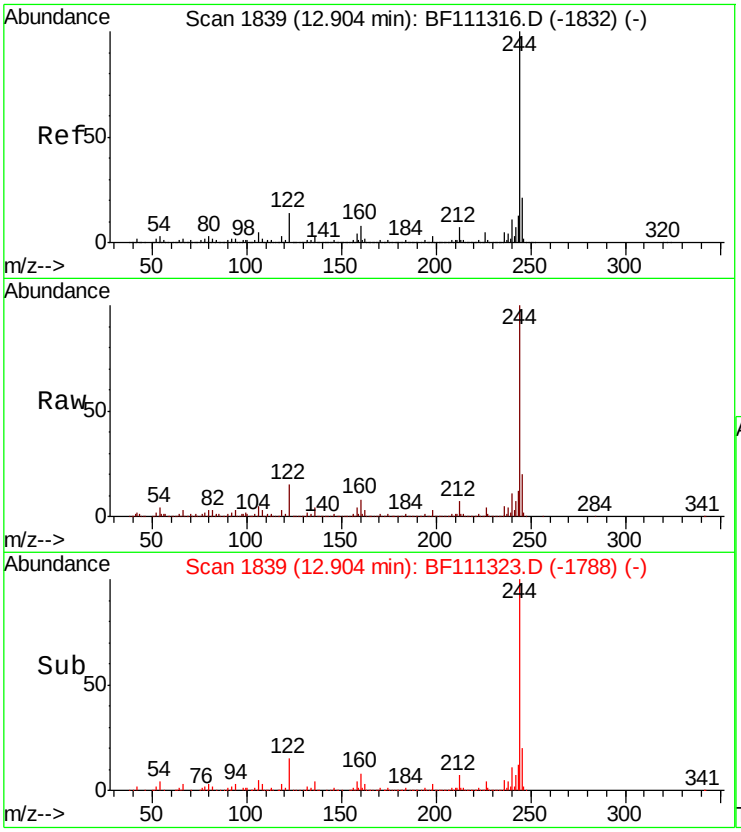


#78
Pyrene
Concen: 1.050 ng
RT: 12.75 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:202 Resp: 54741

Ion	Ratio	Lower	Upper
202	100		
200	20.0	19.0	28.4
203	18.0	15.2	22.8



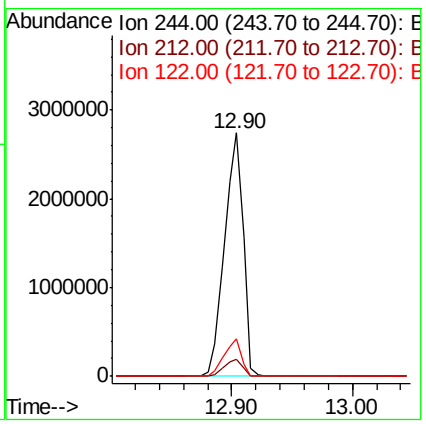


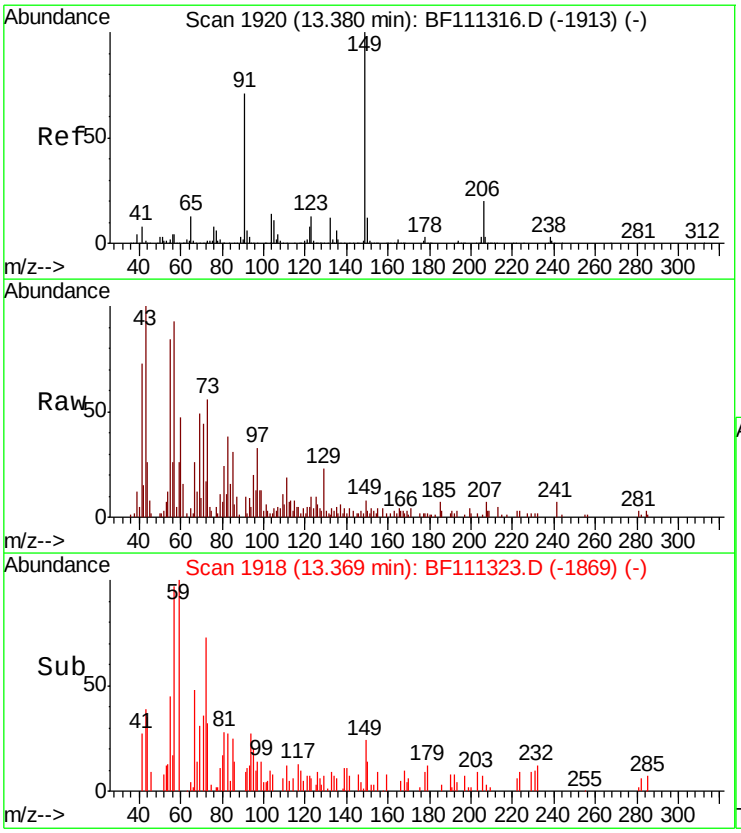
#79
Terphenyl-d14
Concen: 95.511 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:244 Resp: 2930718

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	15.2	13.1	19.7

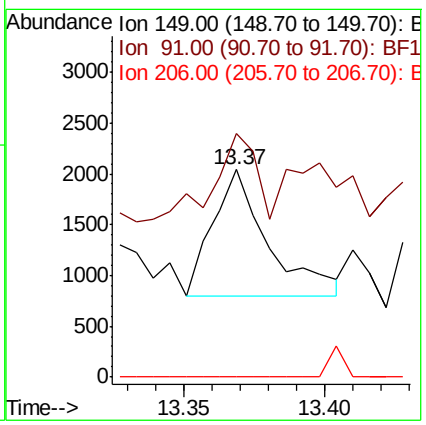


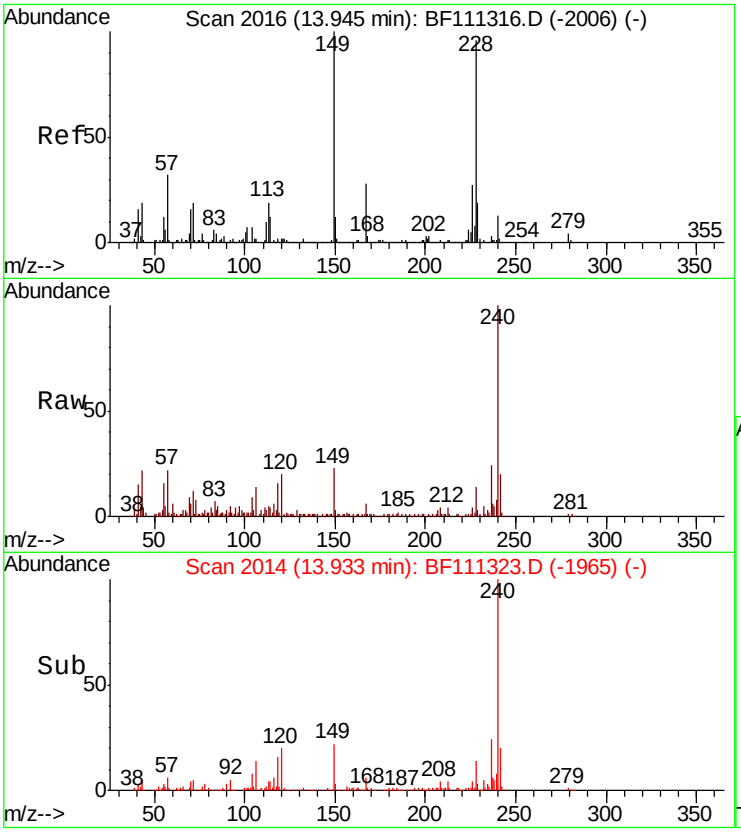


#80
Butylbenzylphthalate
Concen: 0.067 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:149 Resp: 1684

Ion	Ratio	Lower	Upper
149	100		
91	117.3	63.8	95.6#
206	0.0	15.1	22.7#



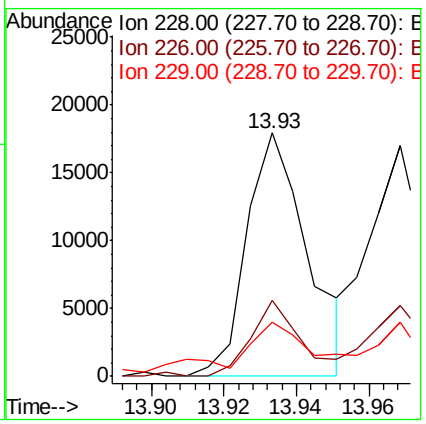


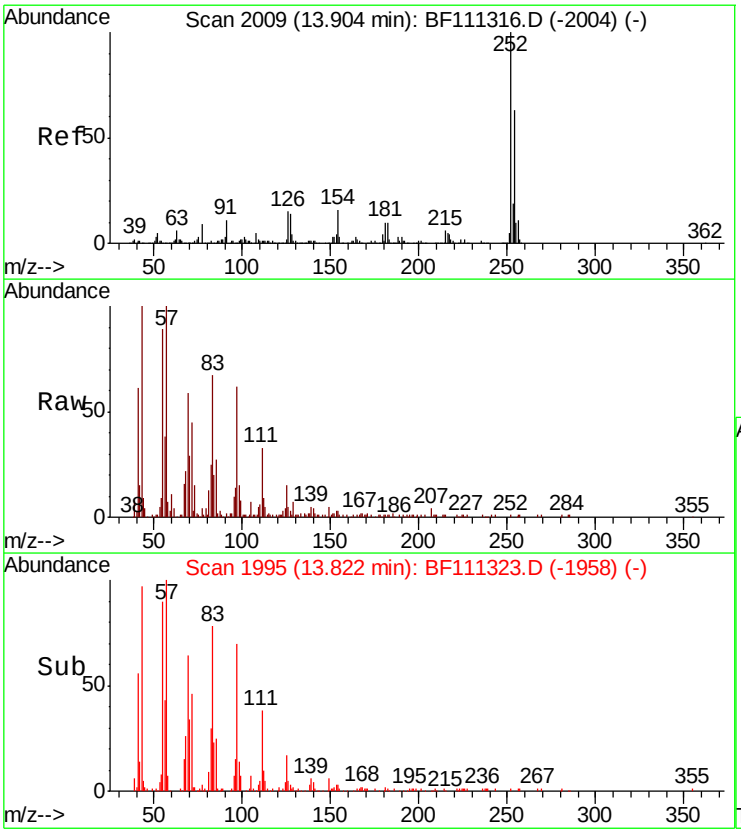
#81
Benzo(a)anthracene
Concen: 0.556 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:228 Resp: 21027

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	34.0
229	22.1	16.3	24.5

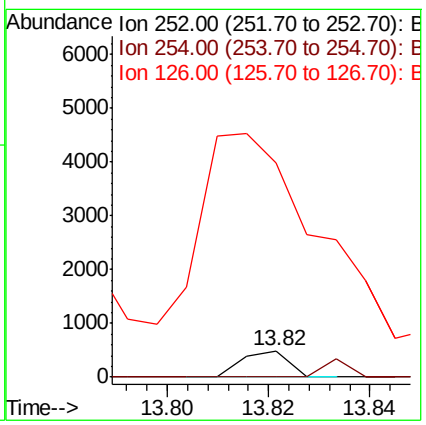


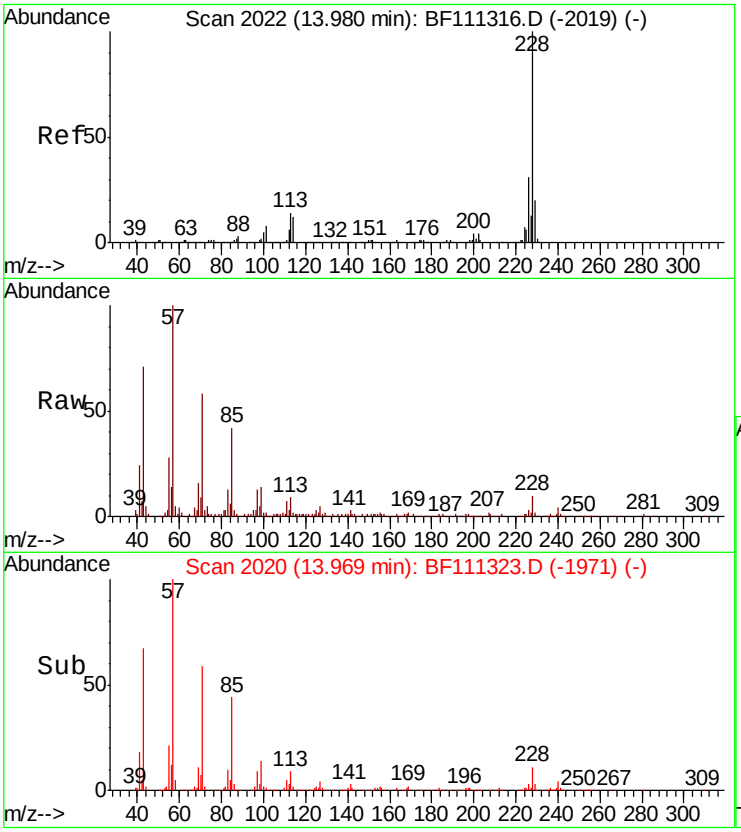


#82
3,3'-Dichlorobenzidine
Concen: 0.022 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.08 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:252 Resp: 311

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	818.7	11.1	16.7#



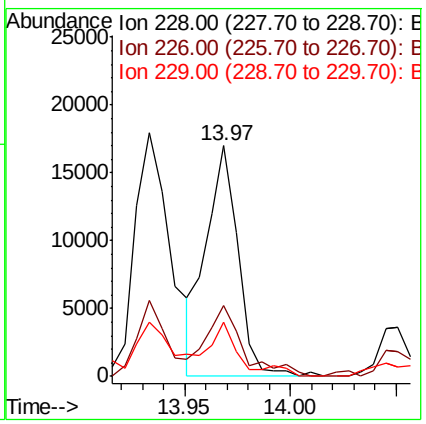


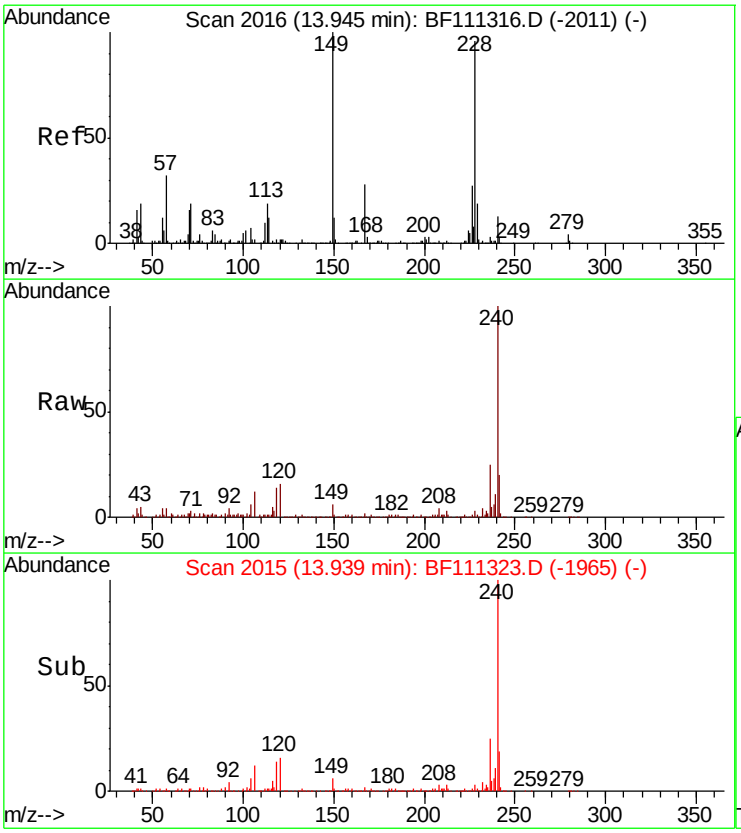
#83
Chrysene
Concen: 0.468 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:228 Resp: 18026

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.3	37.9
229	23.5	17.2	25.8

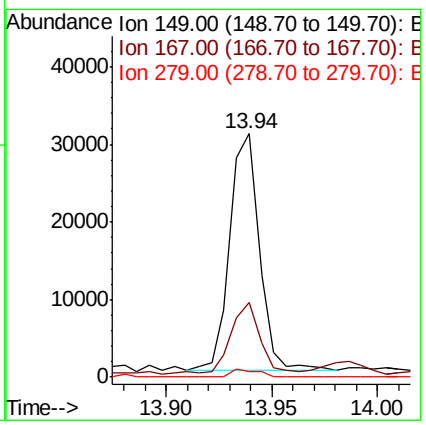


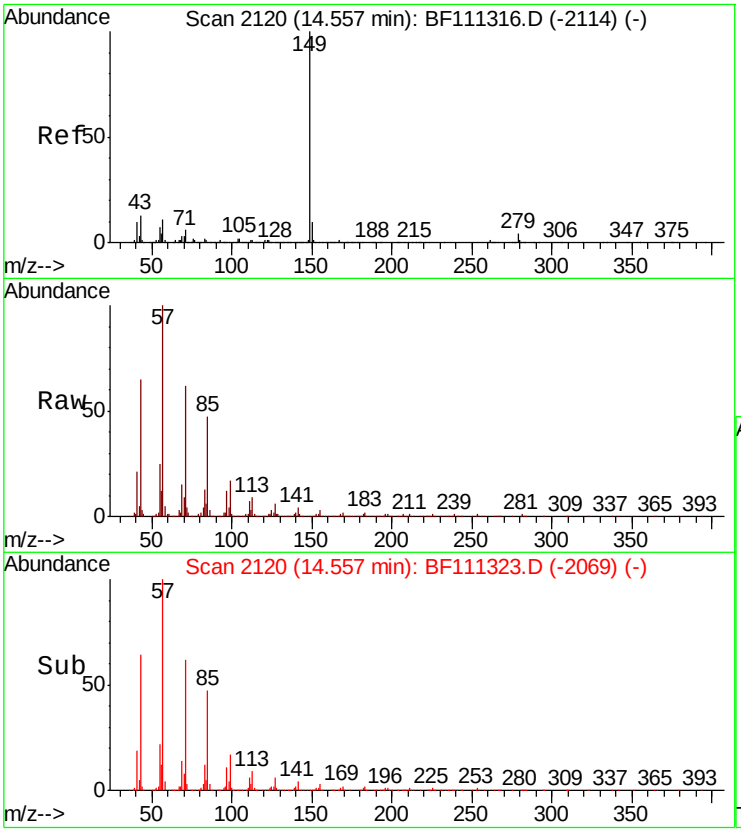


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.973 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:149 Resp: 29759

Ion	Ratio	Lower	Upper
149	100		
167	30.6	22.5	33.7
279	2.4	2.6	4.0#



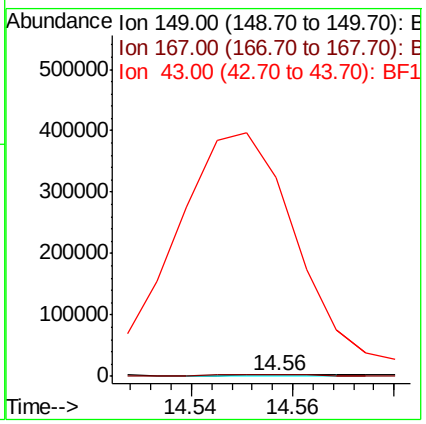


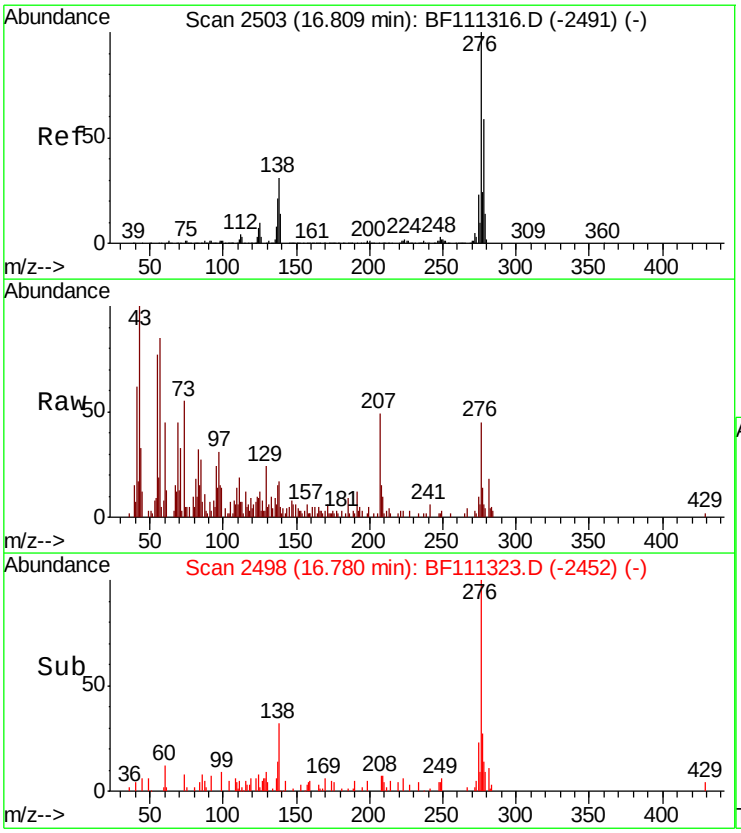
#85
Di-n-octyl phthalate
Concen: 0.024 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:149 Resp: 1196

Ion	Ratio	Lower	Upper
149	100		
167	285.1	1.3	1.9#
43	51955.9	10.9	16.3#

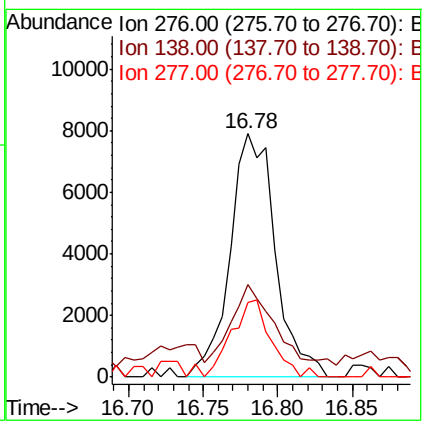


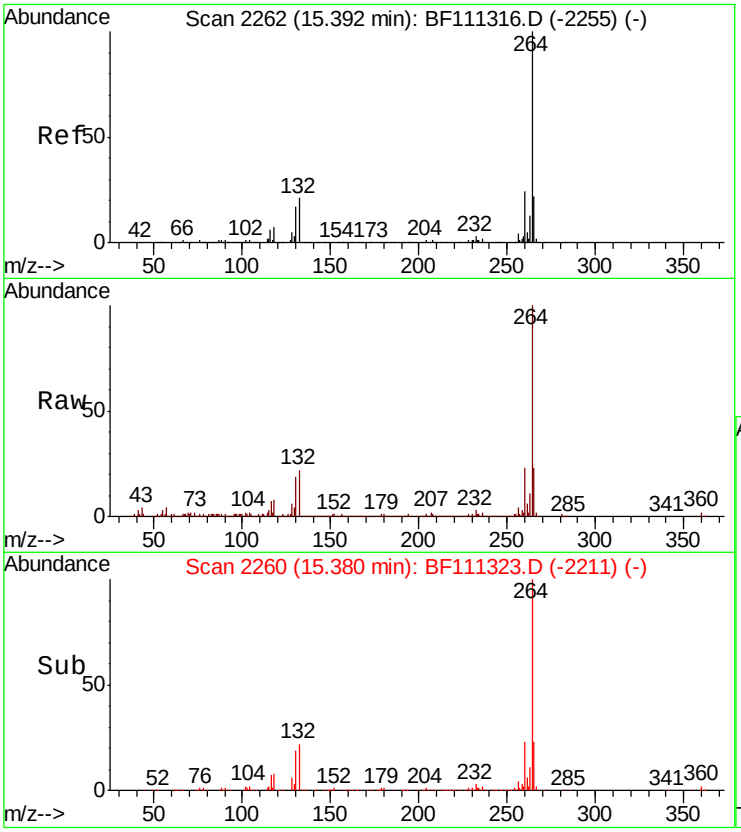


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.552 ng
RT: 16.78 min Scan# 2498
Delta R.T. -0.03 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:276 Resp: 16637

Ion	Ratio	Lower	Upper
276	100		
138	30.8	27.8	41.6
277	27.8	20.1	30.1



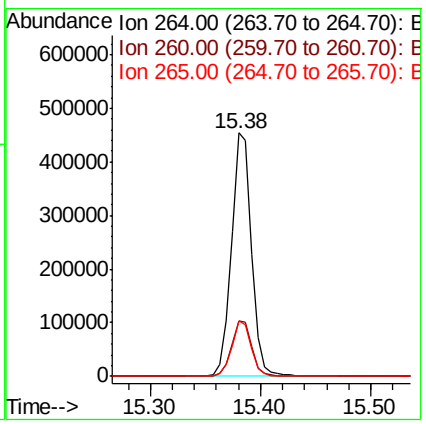


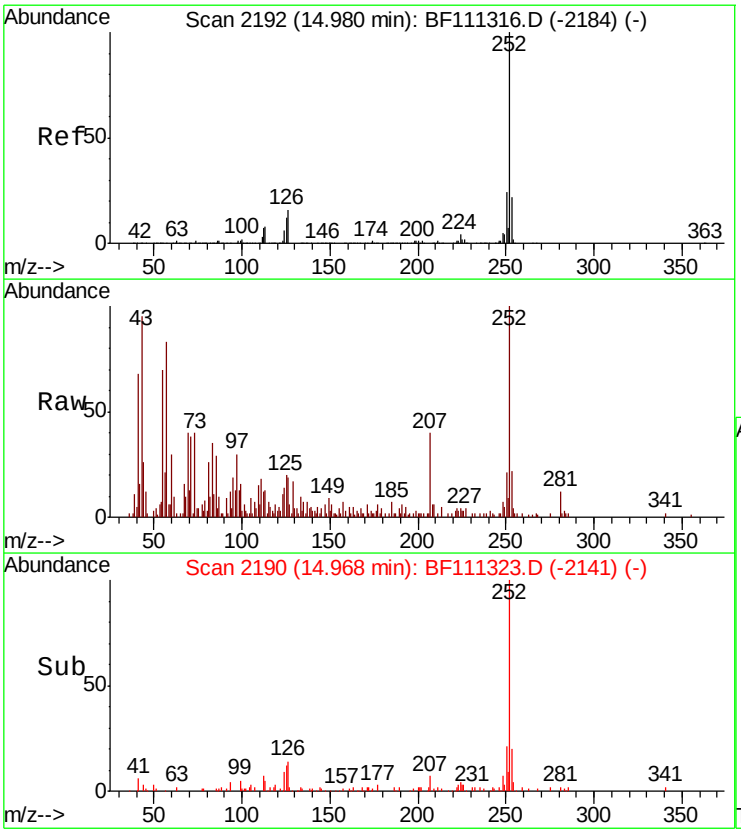
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:264 Resp: 577500

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	22.9	17.7	26.5

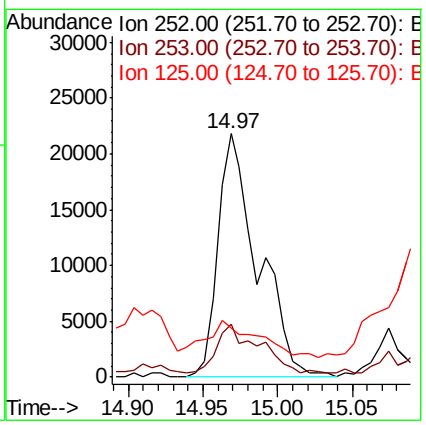


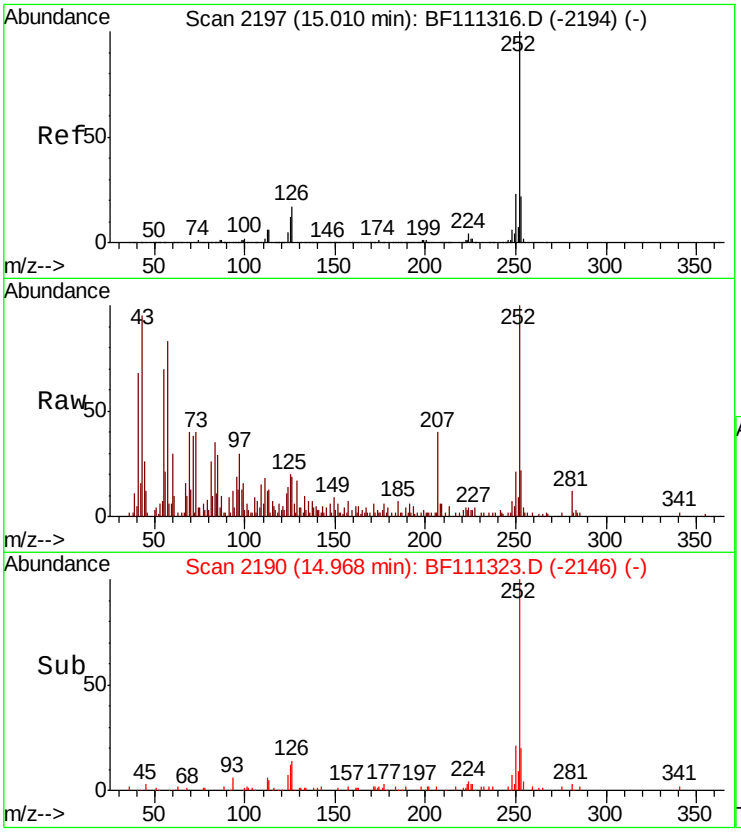


#88
Benzo(b)fluoranthene
Concen: 1.247 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:252 Resp: 40954

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	20.2	10.4	15.6#



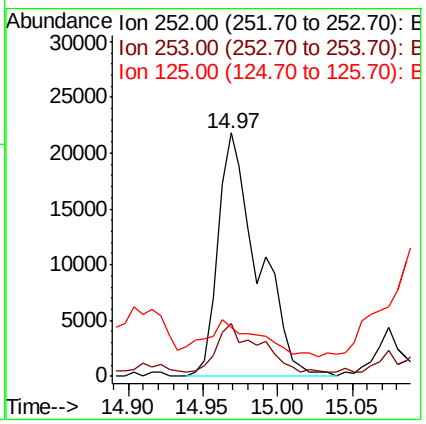


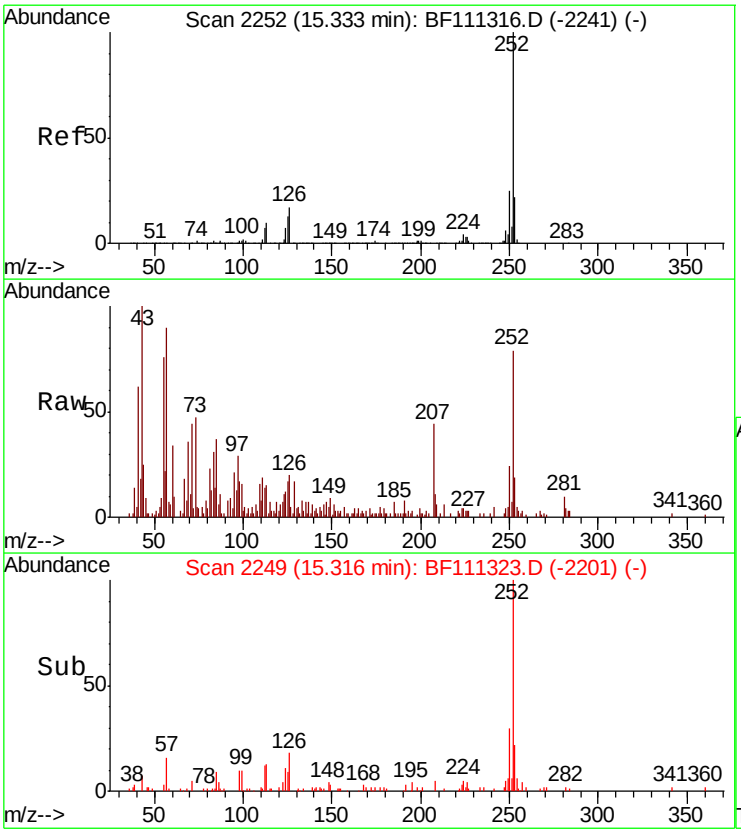
#89
Benzo(k)fluoranthene
Concen: 1.249 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:252 Resp: 40954

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	20.2	9.8	14.8#

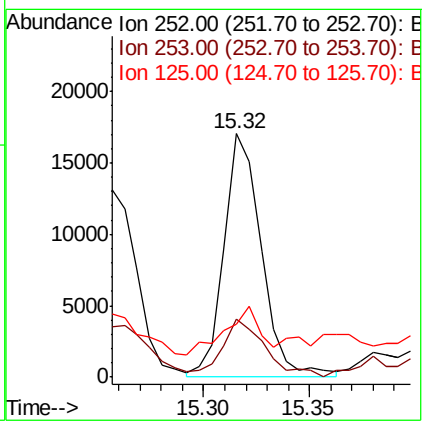


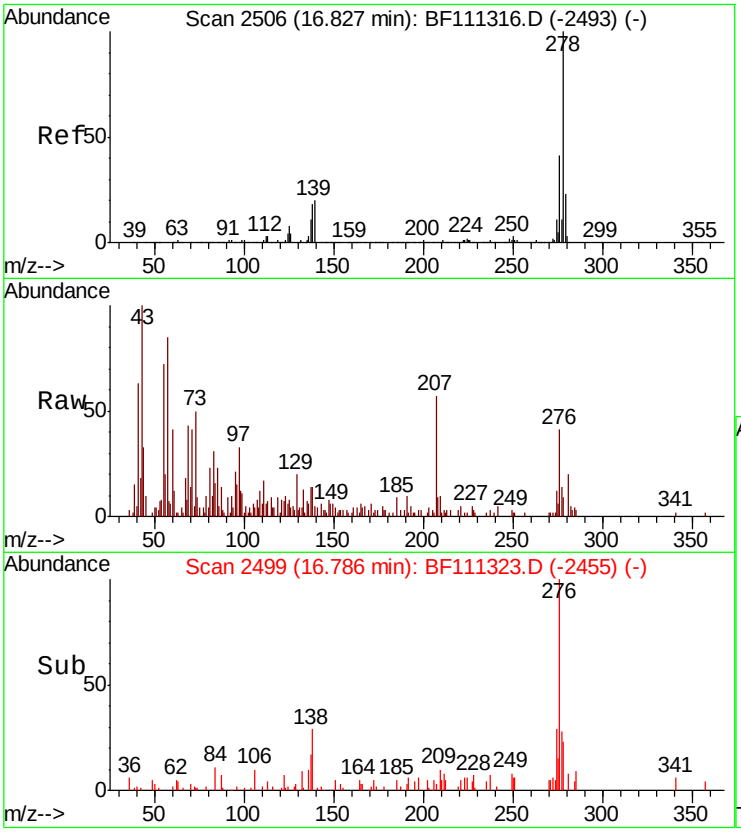


#90
Benzo(a)pyrene
Concen: 0.685 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.02 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:252 Resp: 20949

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	21.5	12.3	18.5#



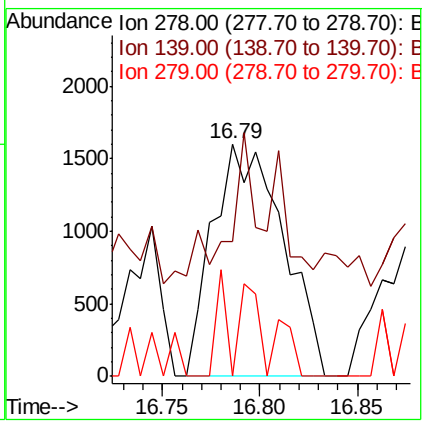


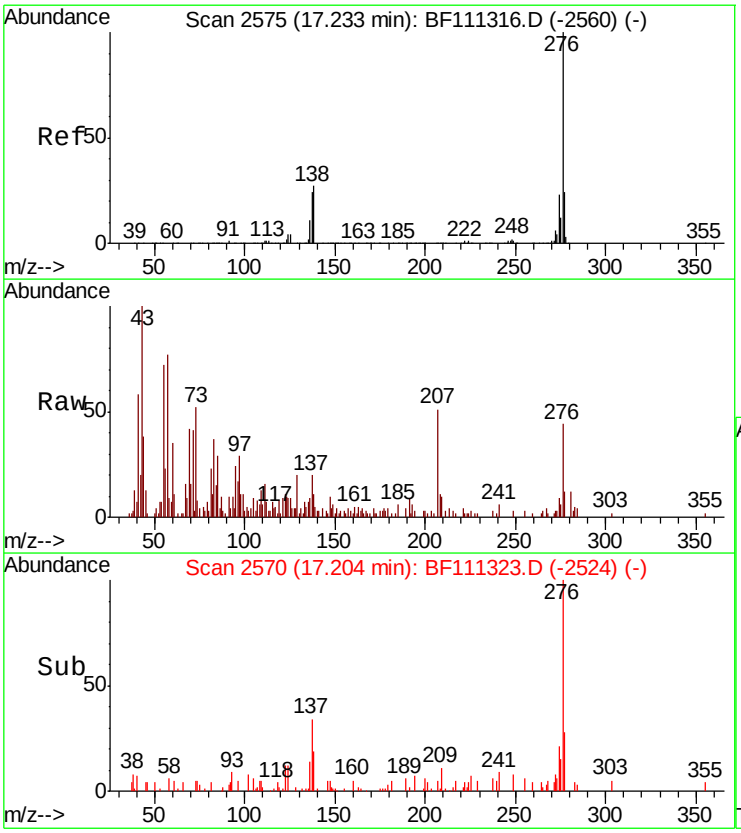
#91
Dibenzo(a,h)anthracene
Concen: 0.157 ng
RT: 16.79 min Scan# 2499
Delta R.T. -0.04 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Instrument :
BNA_F
ClientSampleId :
DW-4

Tgt Ion:278 Resp: 4000

Ion	Ratio	Lower	Upper
278	100		
139	58.0	18.2	27.4#
279	0.0	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 0.685 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.03 min
Lab File: BF111323.D
Acq: 12 Dec 2018 16:03

Tgt Ion:276 Resp: 17412

Ion	Ratio	Lower	Upper
276	100		
277	27.8	19.2	28.8
138	25.7	24.9	37.3