Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111612.D
Acq On : 20 Dec 2018 1:24
Operator : JU/SJ
Sample : J6199-09 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-121818-A

Quant Time: Dec 20 03:29:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	177515	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	632454	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	291431	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	525899	20.00	ng	0.00
76) Chrysene-d12	14.05	240	501366	20.00	ng	0.00
87) Perylene-d12	15.52	264	350091	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	521906	50.11	ng	0.00
7) Phenol-d6	6.51	99	659819	49.78	ng	-0.01
23) Nitrobenzene-d5	7.45	82	368128	33.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	158998	46.17	ng	-0.01
45) 2-Fluorobiphenyl	9.25	172	679354	33.98	ng	0.00
79) Terphenyl-d14	13.00	244	728657	27.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	149	0.030	ng	# 16
4) n-Nitrosodimethylamine	3.43	42	470	0.075	ng	# 1
6) Aniline	6.52	93	700	0.041	ng	# 1
9) Benzaldehyde	6.46	77	473	0.052	ng	# 1
10) Phenol	6.52	94	38482	2.573	ng	98
11) bis(2-Chloroethyl)ether	6.66	93	741	0.066	ng	# 1
15) Benzyl Alcohol	7.05	79	7104	0.675	ng	# 38
16) 2,2'-oxybis(1-Chloropropan	7.45	45	144	0.007	ng	# 1
17) 2-Methylphenol	7.02	107	125	0.014	ng	# 11
18) Hexachloroethane	7.43	117	2715	0.594	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	1739	0.198	ng	# 84
20) 3+4-Methylphenols	7.29	107	235	0.020	ng	# 1
22) Acetophenone	7.29	105	7043	0.440	ng	# 43
24) Nitrobenzene	7.45	77	3917	0.344	ng	# 36
25) Isophorone	7.45	82	366503	19.000	ng	# 64
28) bis(2-Chloroethoxy)methane	7.90	93	265	0.021	ng	# 1
29) 2,4-Dichlorophenol	8.09	162	191	0.020	ng	# 35
31) Naphthalene	8.20	128	21371	0.703	ng	97
32) Benzoic acid	8.17	122	118	0.020	ng	# 1
33) 4-Chloroaniline	8.22	127	319	0.024	ng	# 1
35) Caprolactam	8.60	113	1952	0.588	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	107	0.011	ng	# 20
37) 2-Methylnaphthalene	8.89	142	25005	1.265	ng	98
38) 1-Methylnaphthalene	8.99	142	21593	1.137	ng	# 95
46) 1,1'-Biphenyl	9.35	154	6488	0.264	ng	90
47) 2-Chloronaphthalene	9.39	162	108	0.006	ng	# 1
48) 2-Nitroaniline	9.43	65	459	0.091	ng	# 6
49) Acenaphthylene	9.79	152	8912	0.313	ng	# 85
50) Dimethylphthalate	9.64	163	57127	2.681	ng	97
51) 2,6-Dinitrotoluene	9.93	165	40924	9.630	ng	# 29
52) Acenaphthene	9.96	154	27343	1.558	ng	100
53) 3-Nitroaniline	9.93	138	359	0.079	ng	# 1
55) Dibenzofuran	10.13	168	24323	0.917	ng	# 93
56) 4-Nitrophenol	10.03	139	1682	0.486	ng	# 29

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111612.D
Acq On : 20 Dec 2018 1:24
Operator : JU/SJ
Sample : J6199-09 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-02-121818-A

Quant Time: Dec 20 03:29:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) 2,4-Dinitrotoluene	10.09	165	1655	0.324	ng	#	23
58) Fluorene	10.47	166	36102	1.889	ng		98
60) Diethylphthalate	10.35	149	731	0.035	ng	#	43
61) 4-Chlorophenyl-phenylether	10.30	204	1301	0.123	ng	#	81
62) 4-Nitroaniline	10.47	138	815	0.185	ng	#	54
63) Azobenzene	10.63	77	364	0.017	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.71	198	197	6.771	ng	#	1
66) n-Nitrosodiphenylamine	10.59	169	4660	0.264	ng	#	74
67) 4-Bromophenyl-phenylether	10.71	248	9406	1.442	ng	#	1
69) Atrazine	11.11	200	480	0.078	ng	#	71
71) Phenanthrene	11.43	178	337871	12.114	ng		94
72) Anthracene	11.49	178	99832	3.566	ng		95
73) Carbazole	11.63	167	28721	1.057	ng		95
74) Di-n-butylphthalate	11.97	149	1705	0.056	ng	#	59
75) Fluoranthene	12.62	202	422542	14.961	ng		97
77) Benzidine	12.71	184	789	0.042	ng	#	1
78) Pyrene	12.85	202	368628	10.412	ng		96
80) Butylbenzylphthalate	13.48	149	1167	0.081	ng	#	1
81) Benzo(a)anthracene	14.04	228	182959	6.394	ng		99
82) 3,3'-Dichlorobenzidine	13.98	252	1824	0.161	ng	#	80
83) Chrysene	14.07	228	156169	5.553	ng		97
84) Bis(2-ethylhexyl)phthalate	14.03	149	3561	0.196	ng	#	85
85) Di-n-octyl phthalate	14.63	149	1096	0.039	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.99	276	43365	1.814	ng	#	85
88) Benzo(b)fluoranthene	15.09	252	178998	8.748	ng		95
89) Benzo(k)fluoranthene	15.09	252	178998	9.189	ng		95
90) Benzo(a)pyrene	15.46	252	88385	4.755	ng		97
91) Dibenzo(a,h)anthracene	17.01	278	12181	0.748	ng	#	61
92) Benzo(g,h,i)perylene	17.44	276	37240	2.343	ng		92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111612.D
Acq On : 20 Dec 2018 1:24
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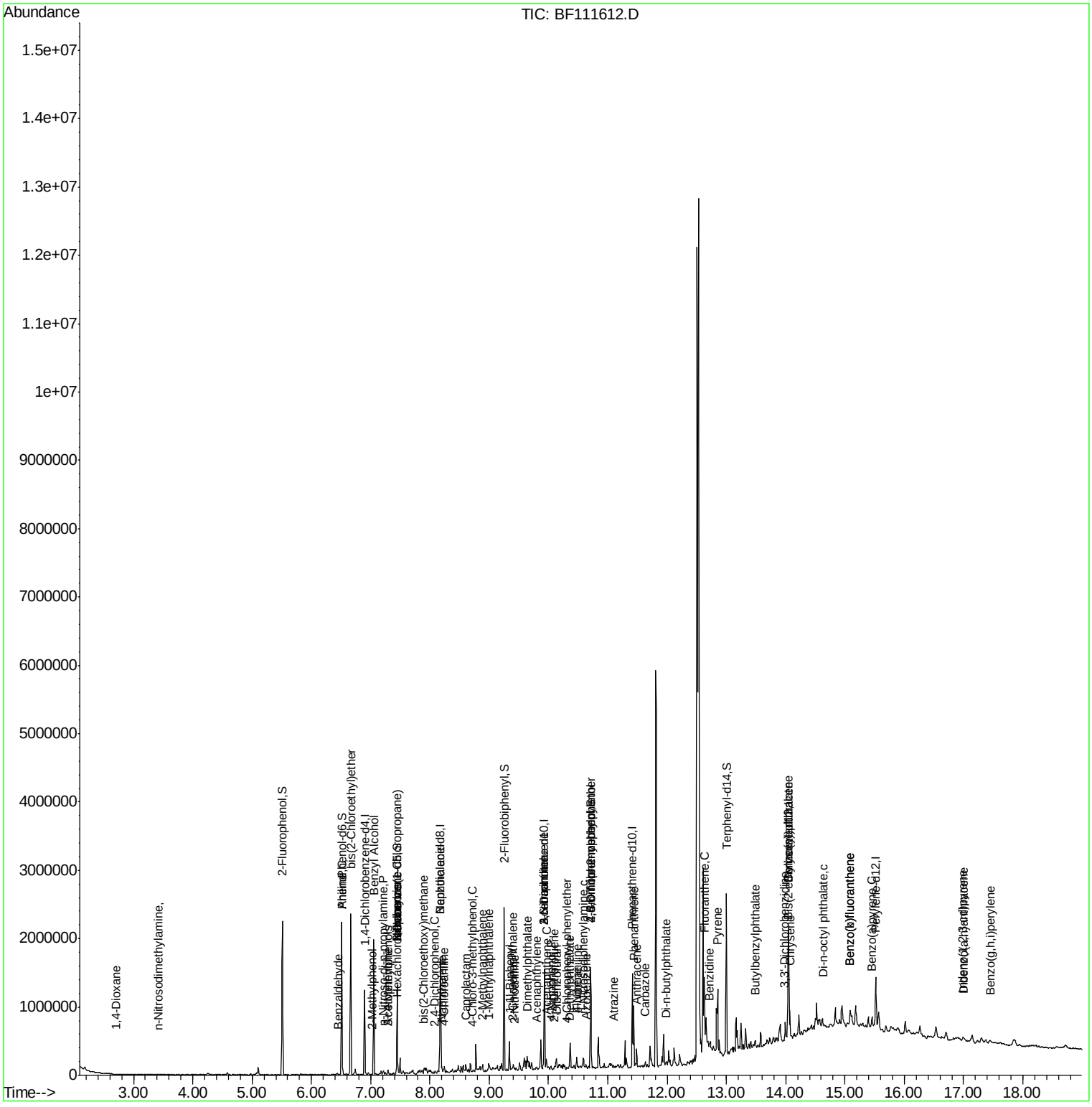
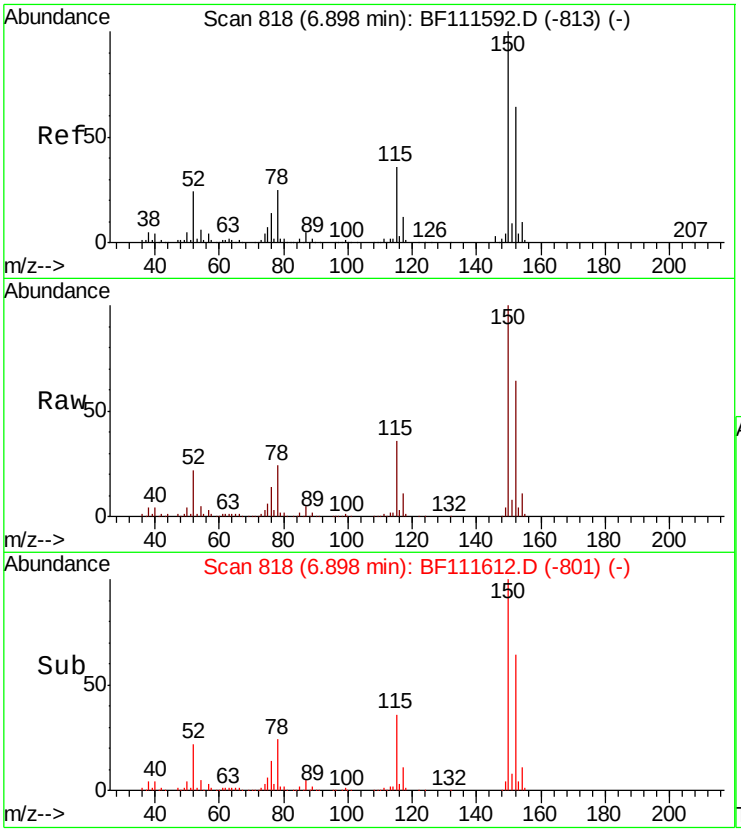
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Quant Time: Dec 20 03:29:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



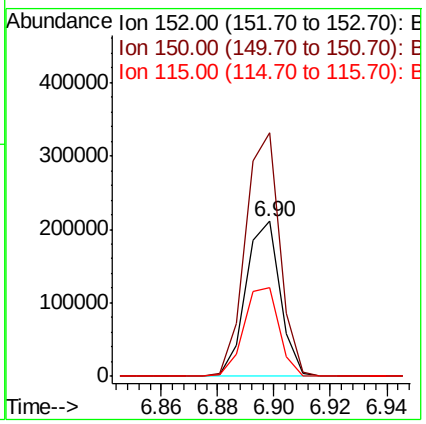


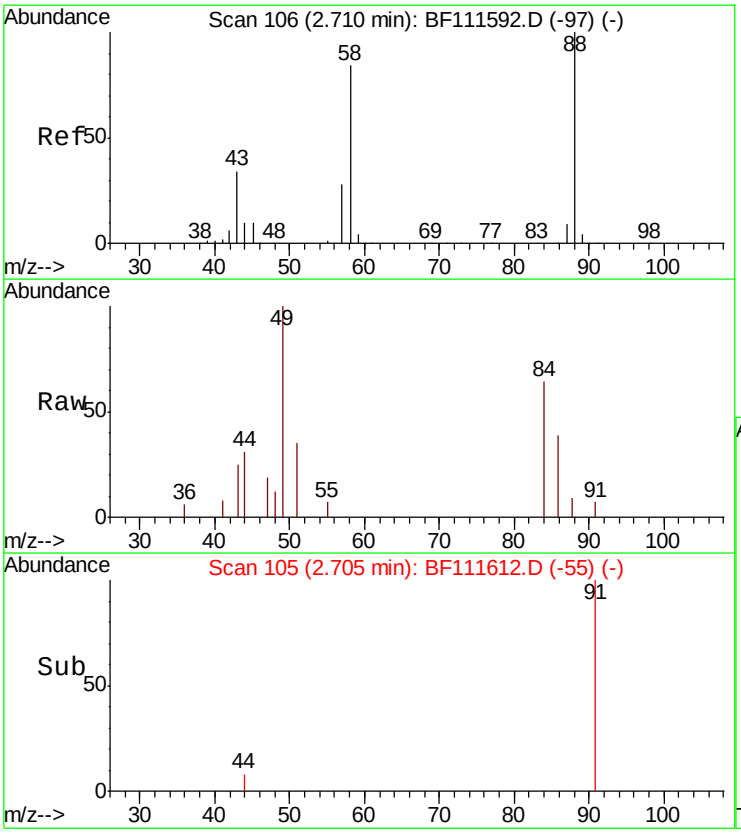
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:152 Resp: 177515

Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.6	189.8
115	57.2	50.7	76.1

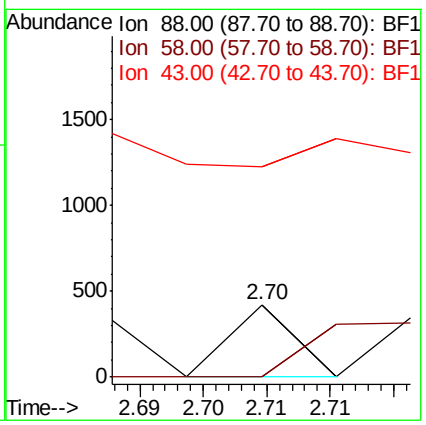


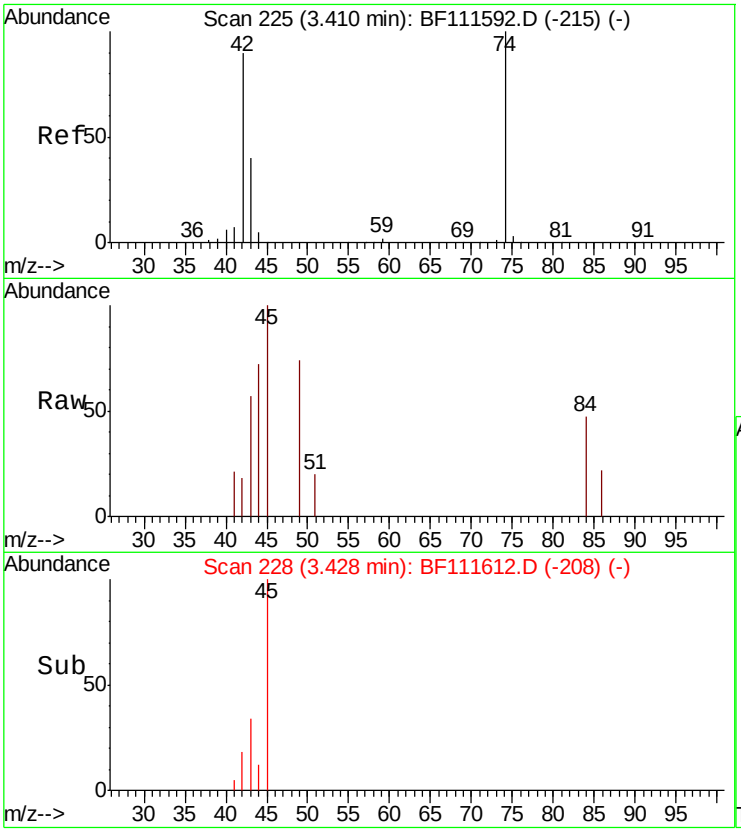


#2
1,4-Dioxane
Concen: 0.030 ng
RT: 2.70 min Scan# 105
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 88 Resp: 149

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



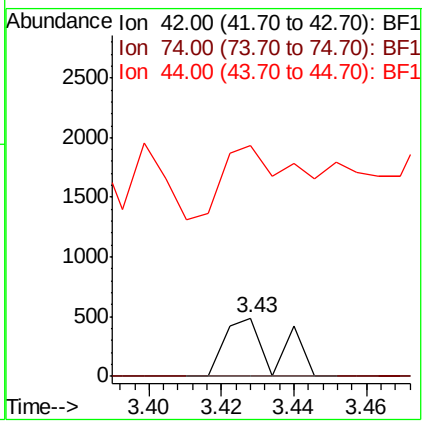


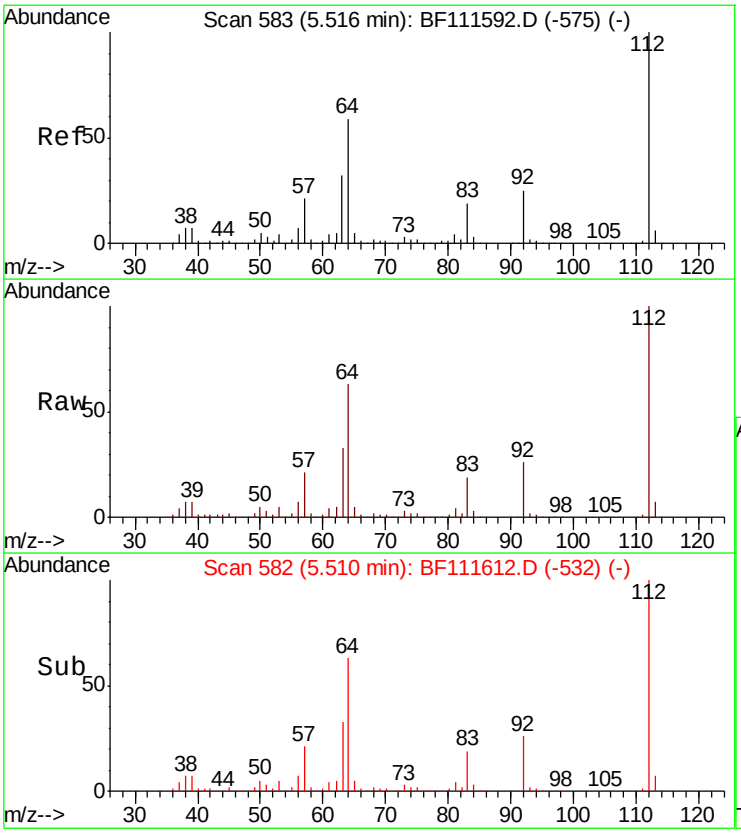
#4
n-Nitrosodimethylamine
Concen: 0.075 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 42 Resp: 470

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	395.3	6.0	9.0#

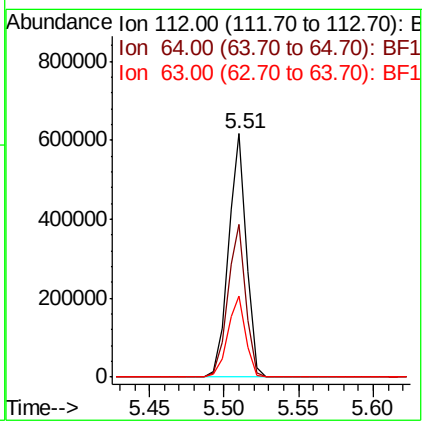


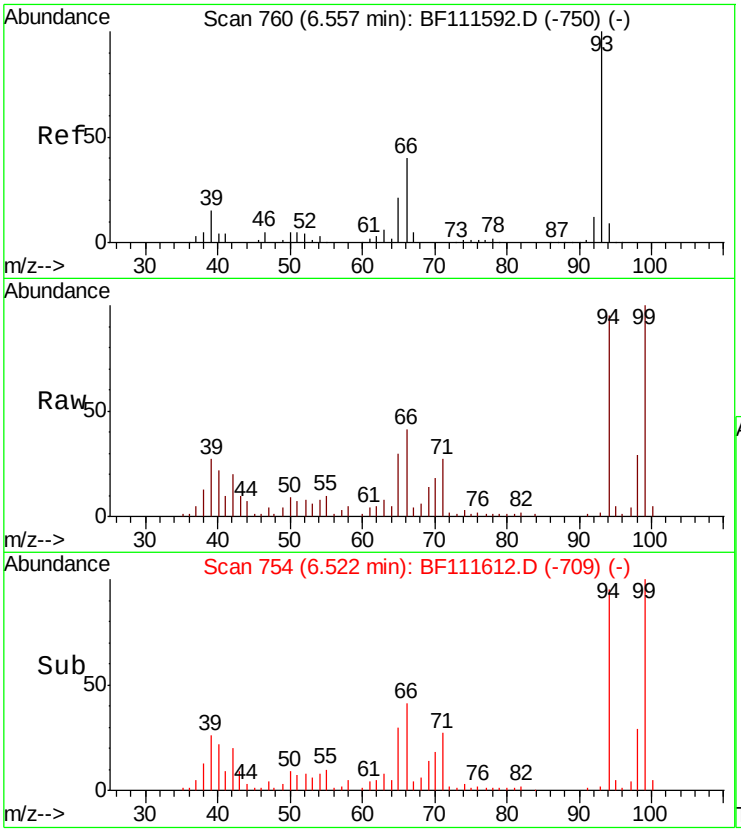


#5
2-Fluorophenol
Concen: 50.114 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:112 Resp: 521906

Ion	Ratio	Lower	Upper
112	100		
64	62.9	51.8	77.6
63	33.1	26.8	40.2



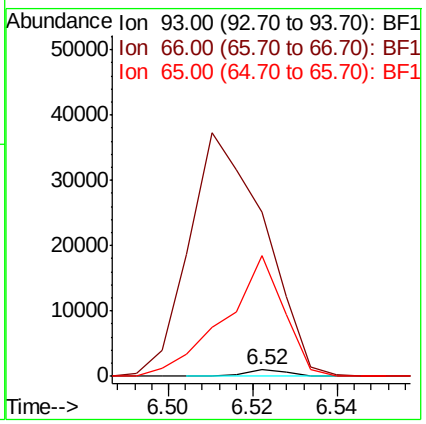


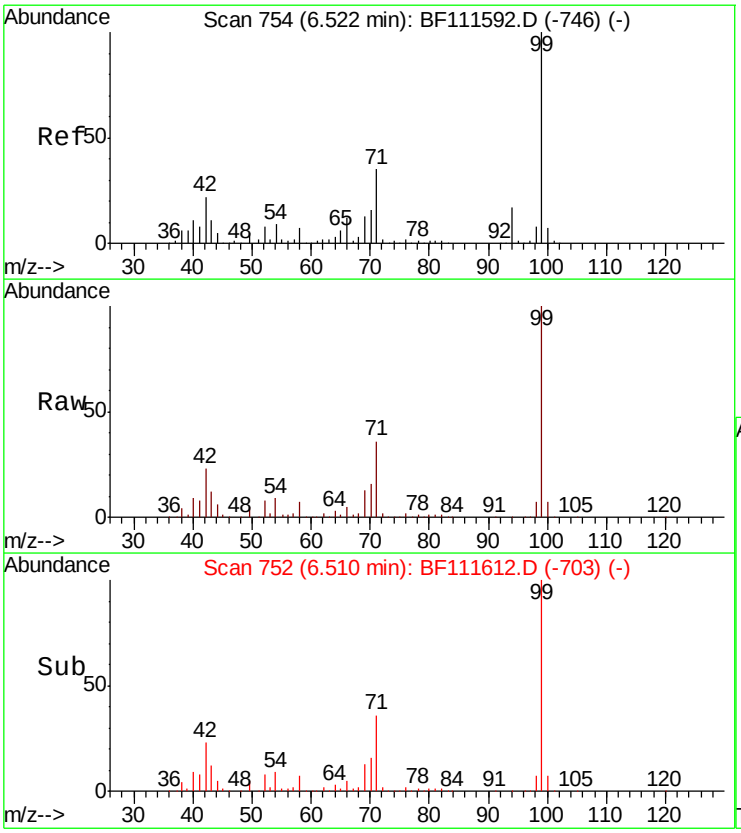
#6
Aniline
Concen: 0.041 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.04 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 93 Resp: 700

Ion	Ratio	Lower	Upper
93	100		
66	2432.5	33.2	49.8#
65	1779.7	17.0	25.4#

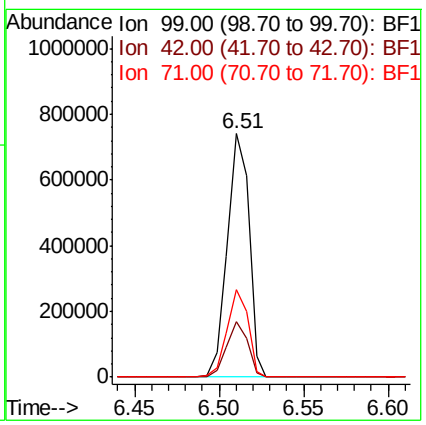


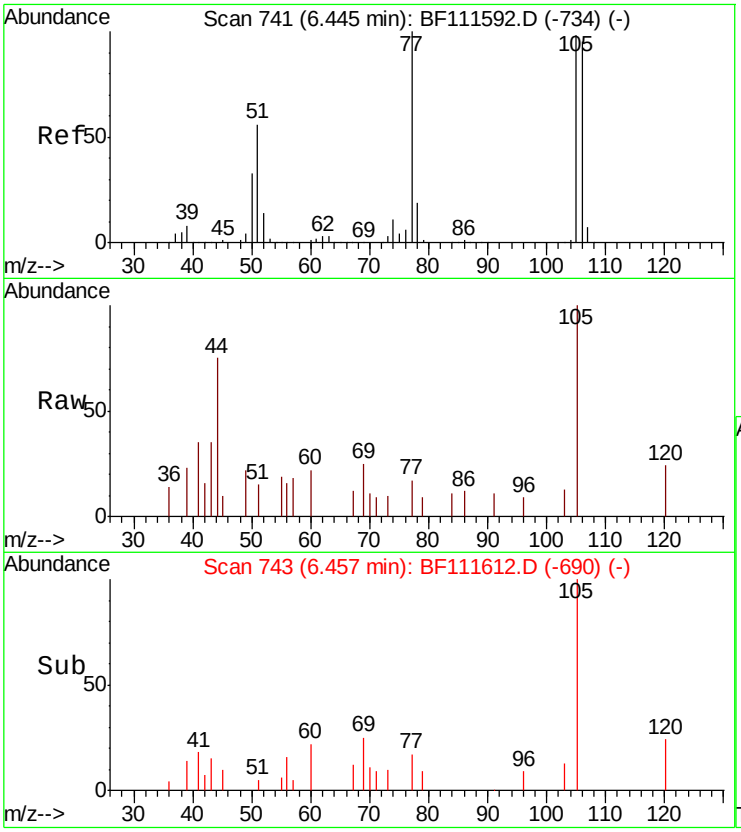


#7
Phenol-d6
Concen: 49.784 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 99 Resp: 659819

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.4	26.0
71	36.1	26.1	39.1



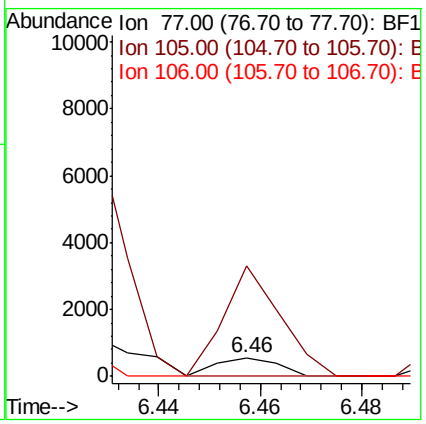


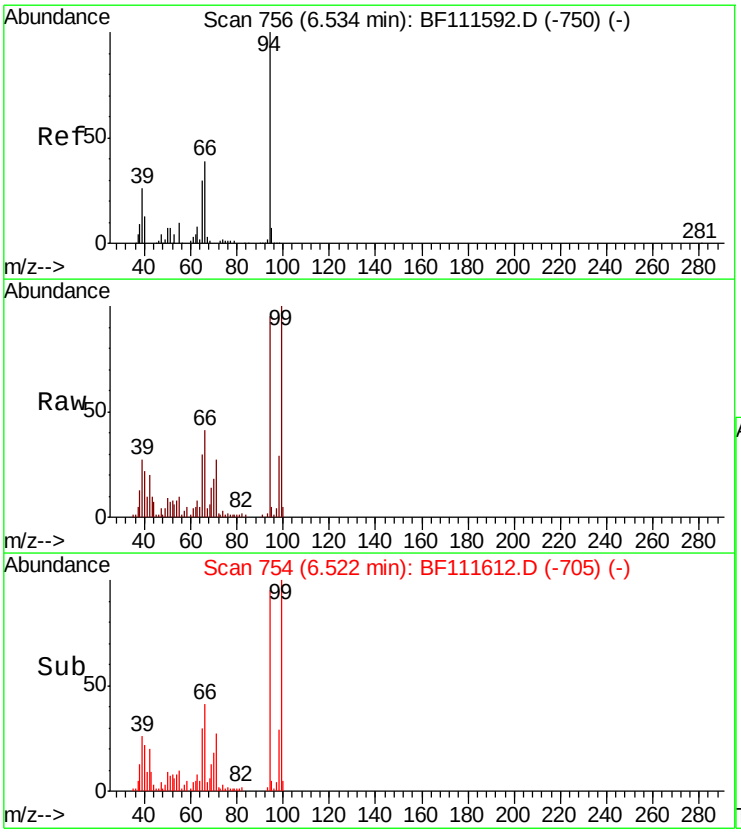
#9
Benzaldehyde
Concen: 0.052 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 77 Resp: 473

Ion	Ratio	Lower	Upper
77	100		
105	584.7	81.4	121.4#
106	0.0	77.9	117.9#

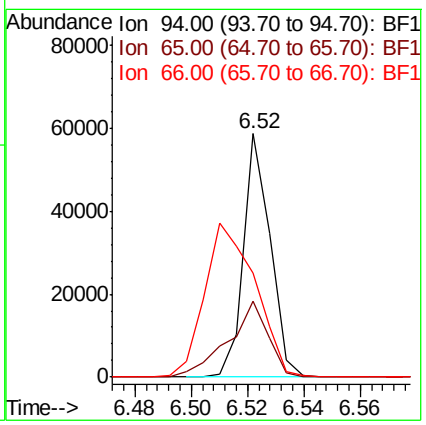


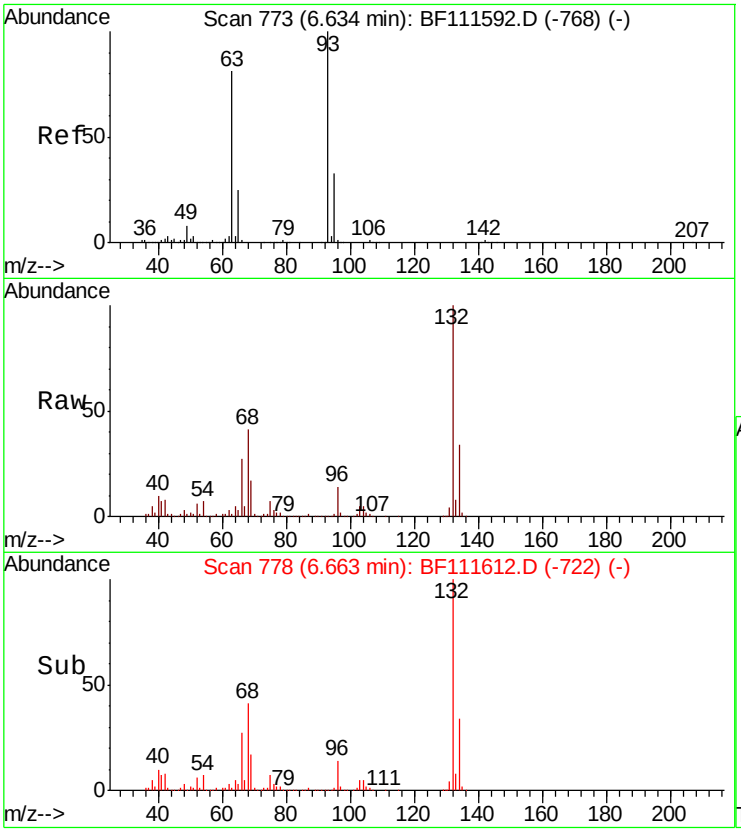


#10
Phenol
Concen: 2.573 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 94 Resp: 38482

Ion	Ratio	Lower	Upper
94	100		
65	31.3	11.7	51.7
66	42.7	21.0	61.0



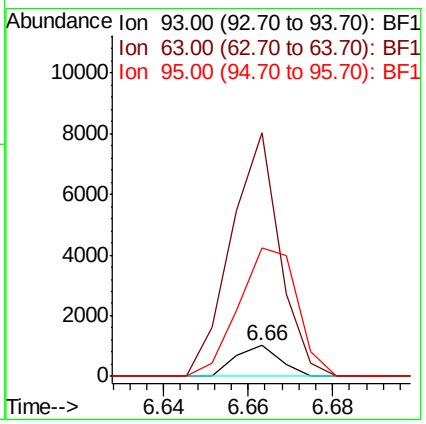


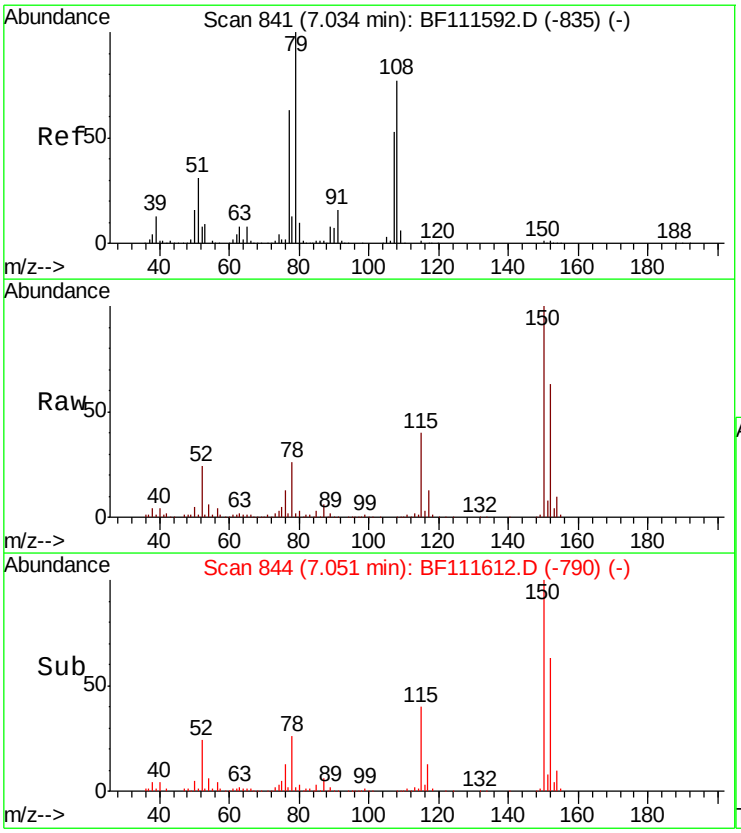
#11
bis(2-Chloroethyl)ether
Concen: 0.066 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.03 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 93 Resp: 741

Ion	Ratio	Lower	Upper
93	100		
63	796.4	60.0	100.0#
95	419.8	13.4	53.4#

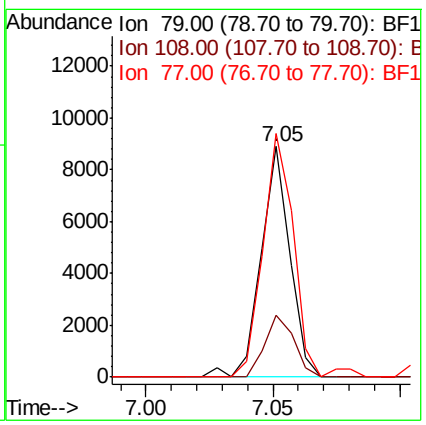


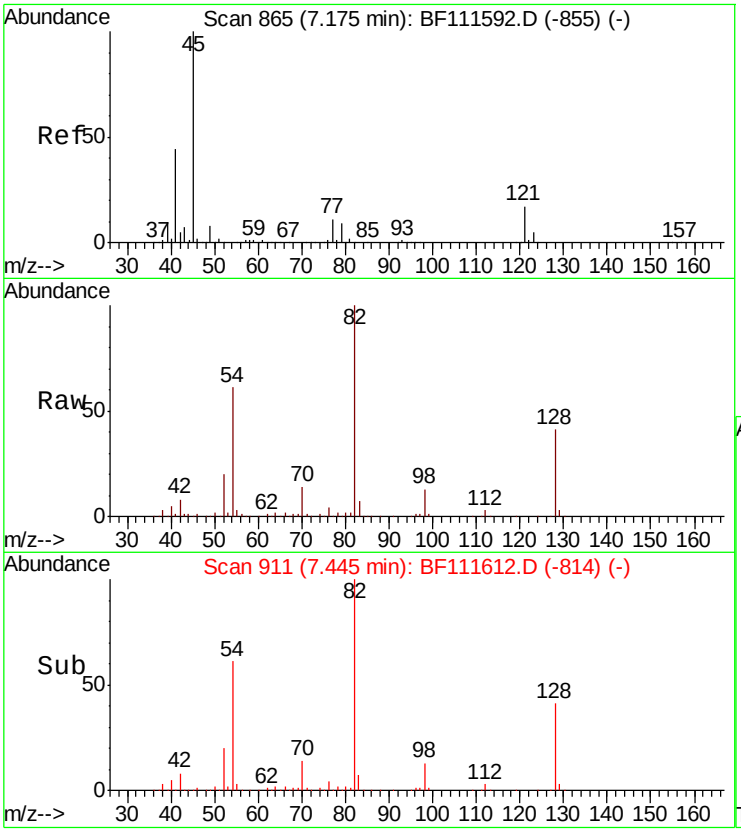


#15
Benzyl Alcohol
Concen: 0.675 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 79 Resp: 7104

Ion	Ratio	Lower	Upper
79	100		
108	26.7	69.4	104.2#
77	105.8	49.7	74.5#



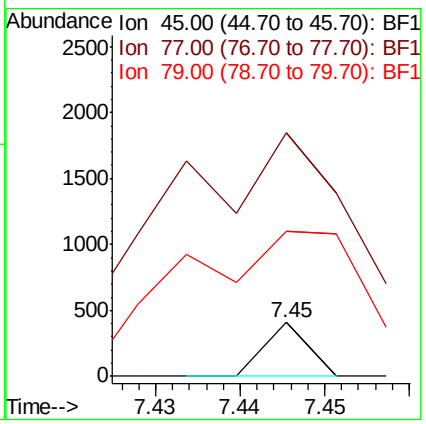


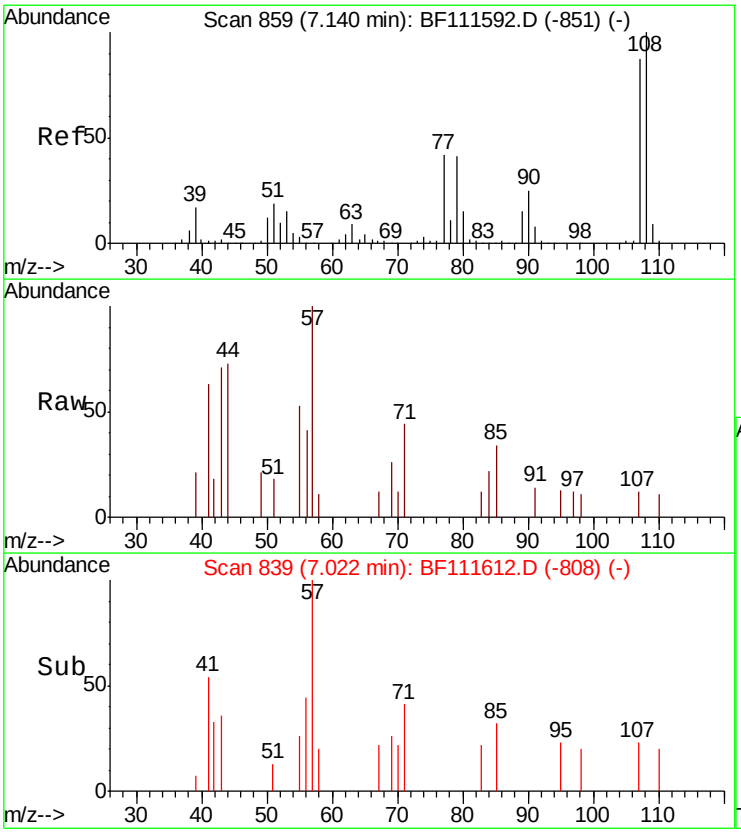
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.007 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.27 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 45 Resp: 144

Ion	Ratio	Lower	Upper
45	100		
77	451.3	0.0	31.5#
79	269.9	0.0	28.9#

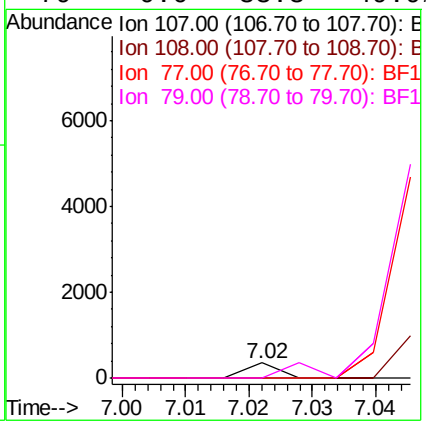


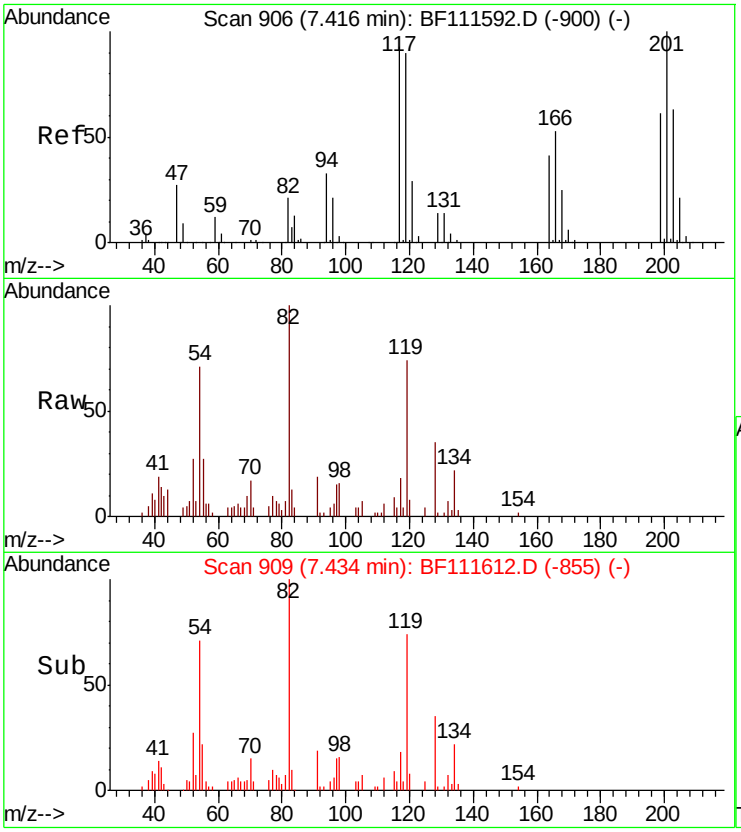


#17
2-Methylphenol
Concen: 0.014 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.12 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:107 Resp: 125

Ion	Ratio	Lower	Upper
107	100		
108	0.0	91.0	136.4#
77	0.0	33.5	50.3#
79	0.0	33.3	49.9#



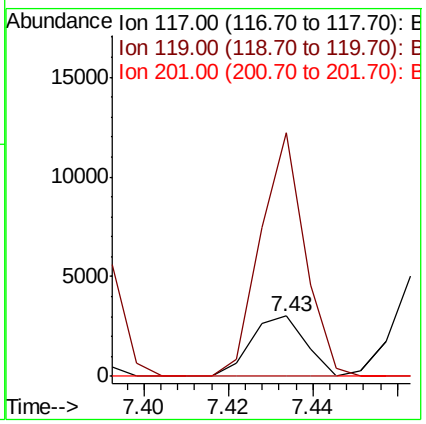


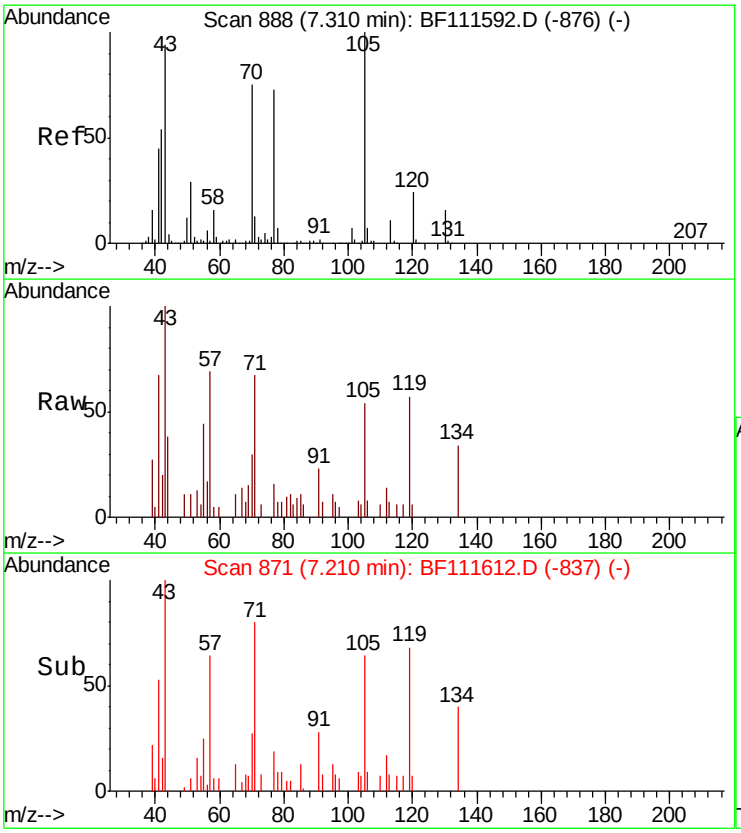
#18
Hexachloroethane
Concen: 0.594 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:117 Resp: 2715

Ion	Ratio	Lower	Upper
117	100		
119	404.4	75.4	113.0#
201	0.0	62.4	93.6#

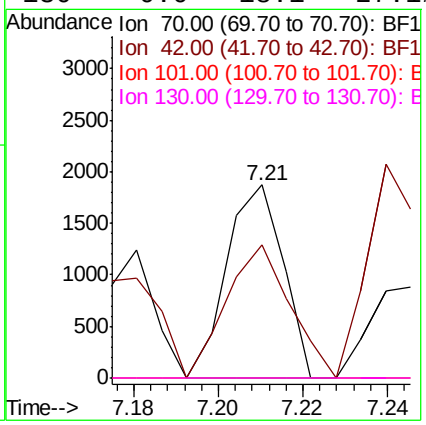


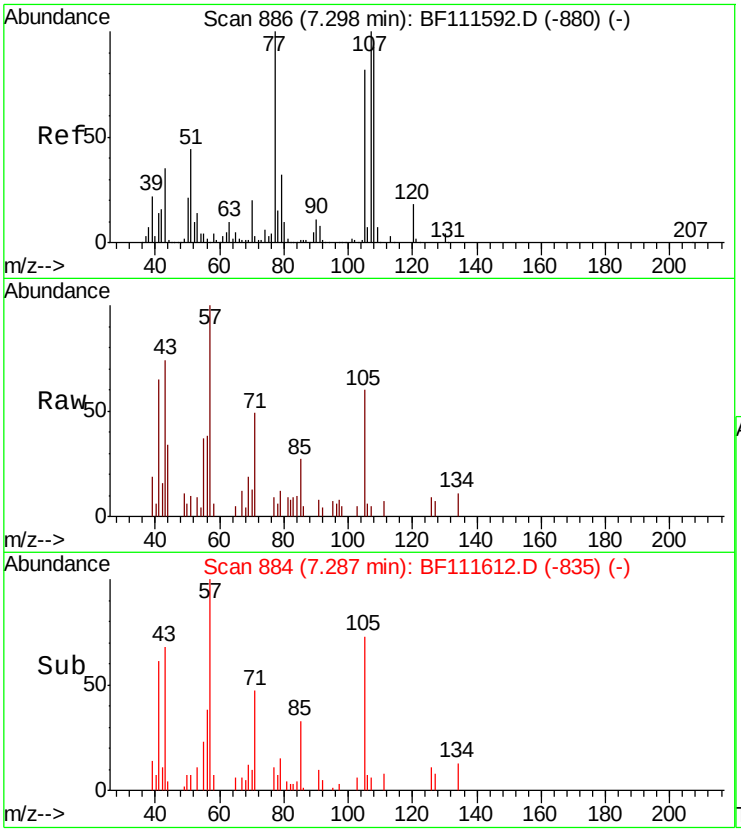


#19
n-Nitroso-di-n-propylamine
Concen: 0.198 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.10 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 70 Resp: 1739

Ion	Ratio	Lower	Upper
70	100		
42	69.1	53.2	79.8
101	0.0	8.2	12.4#
130	0.0	18.1	27.1#



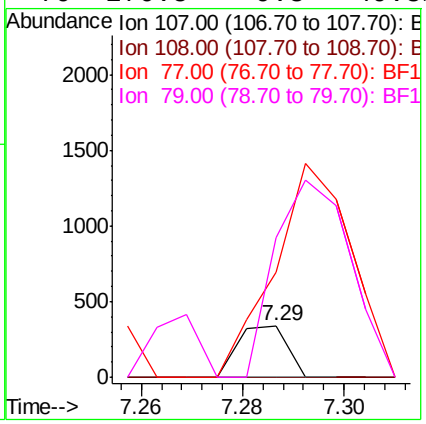


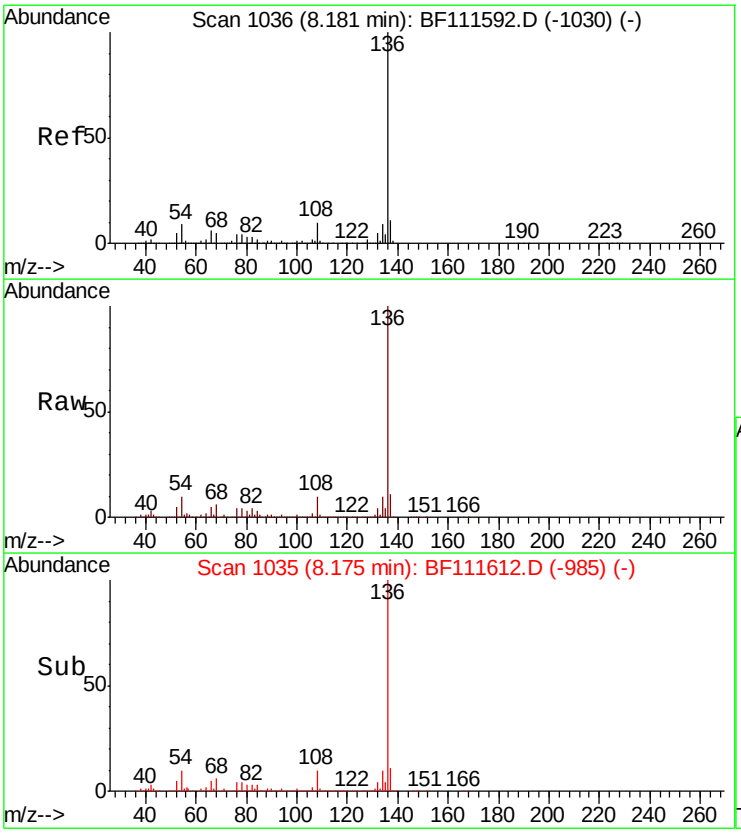
#20
3+4-Methylphenols
Concen: 0.020 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:107 Resp: 235

Ion	Ratio	Lower	Upper
107	100		
108	0.0	72.1	112.1#
77	203.5	94.1	134.1#
79	270.5	9.8	49.8#

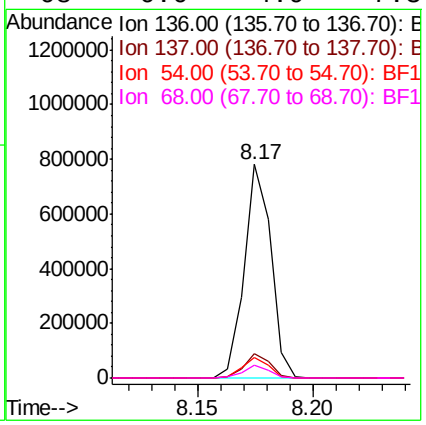


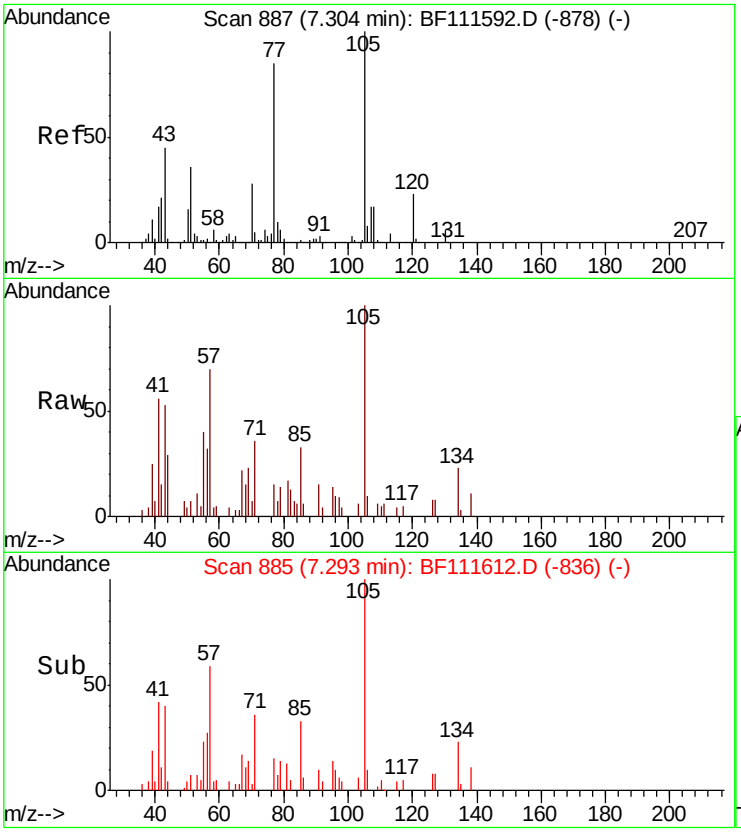


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:136 Resp: 632454

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.8	7.7	11.5
68	6.0	4.9	7.3



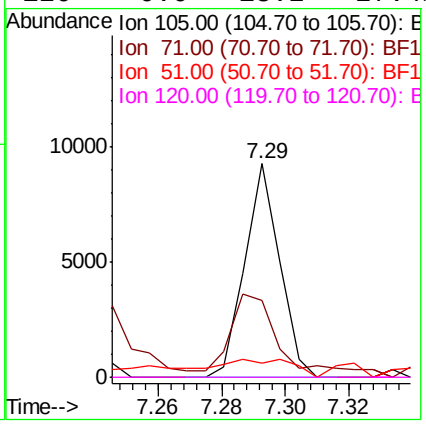


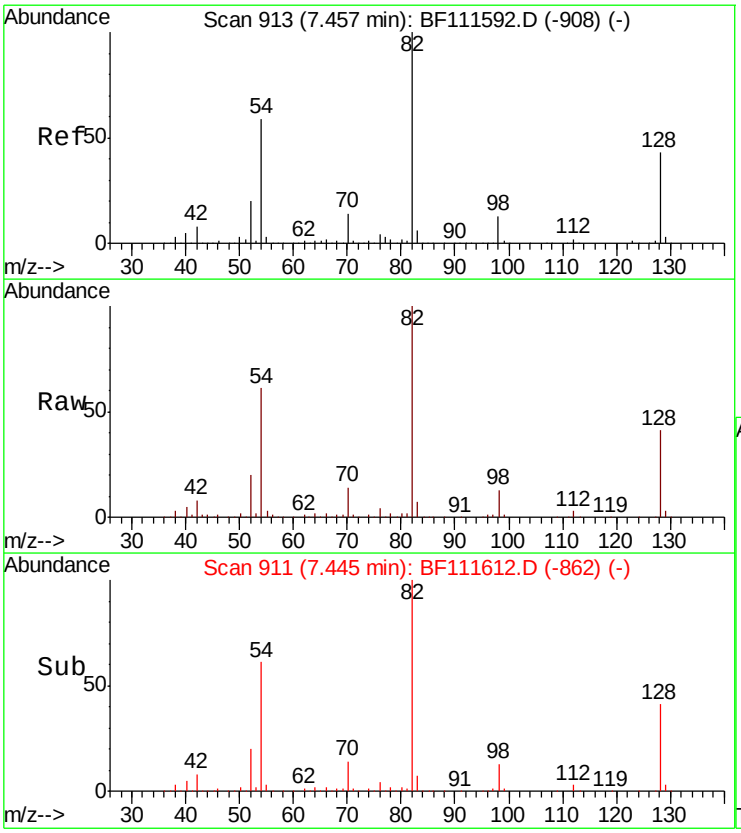
#22
Acetophenone
Concen: 0.440 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:105 Resp: 7043

Ion	Ratio	Lower	Upper
105	100		
71	36.1	3.1	4.7#
51	6.8	36.6	54.8#
120	0.0	18.2	27.4#

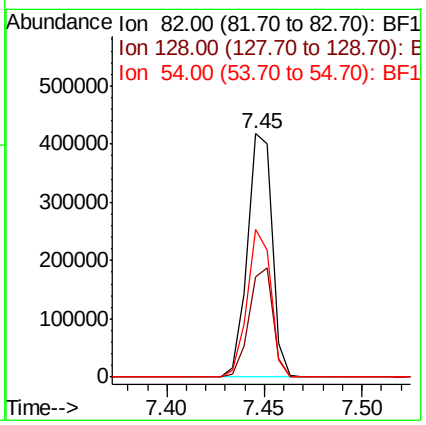


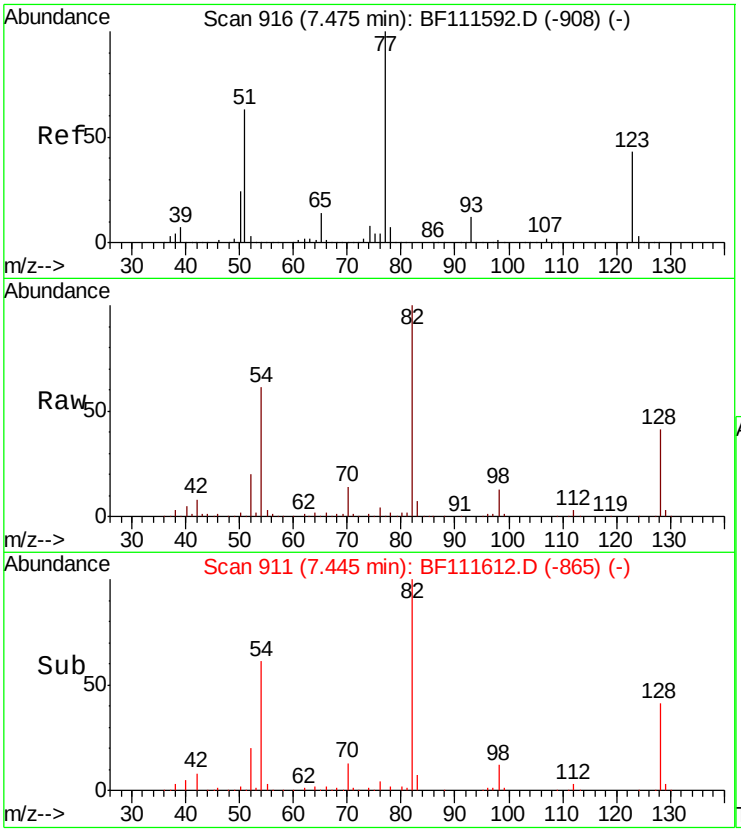


#23
Nitrobenzene-d5
Concen: 33.881 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 82 Resp: 368128

Ion	Ratio	Lower	Upper
82	100		
128	41.3	37.4	56.2
54	60.8	47.6	71.4



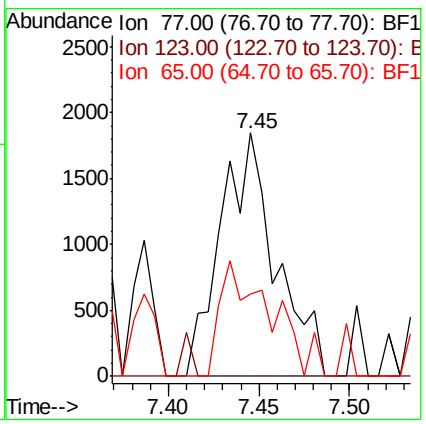


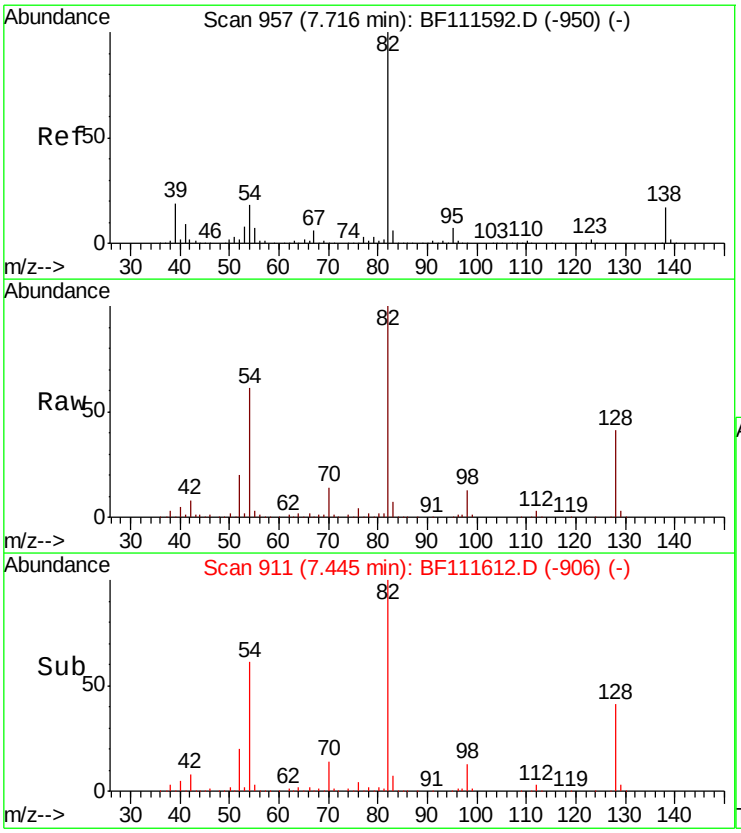
#24
Nitrobenzene
Concen: 0.344 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 77 Resp: 3917

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	33.6	11.5	17.3#

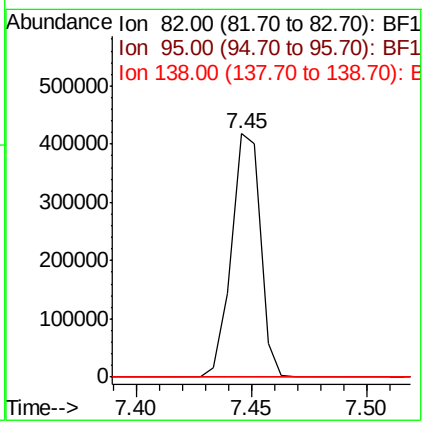


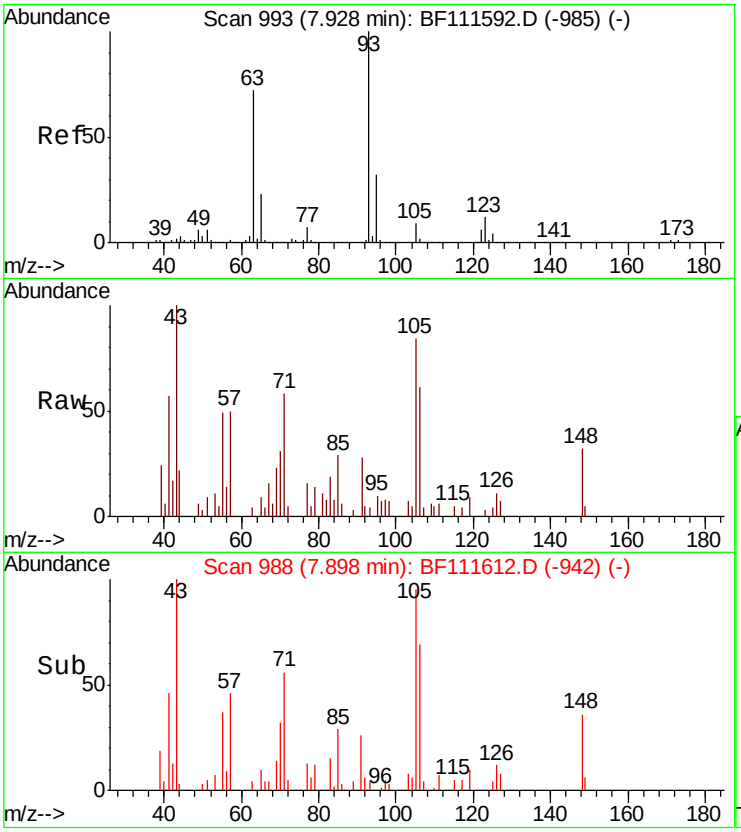


#25
Isophorone
Concen: 19.000 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 82 Resp: 366503

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	15.1	22.7#



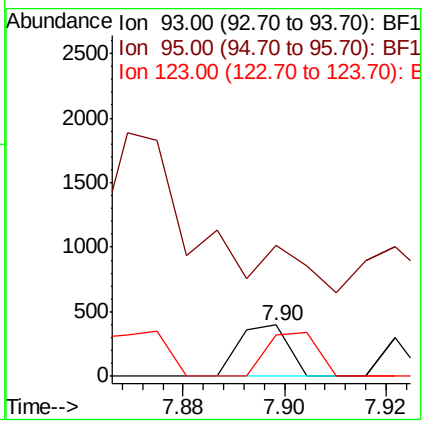


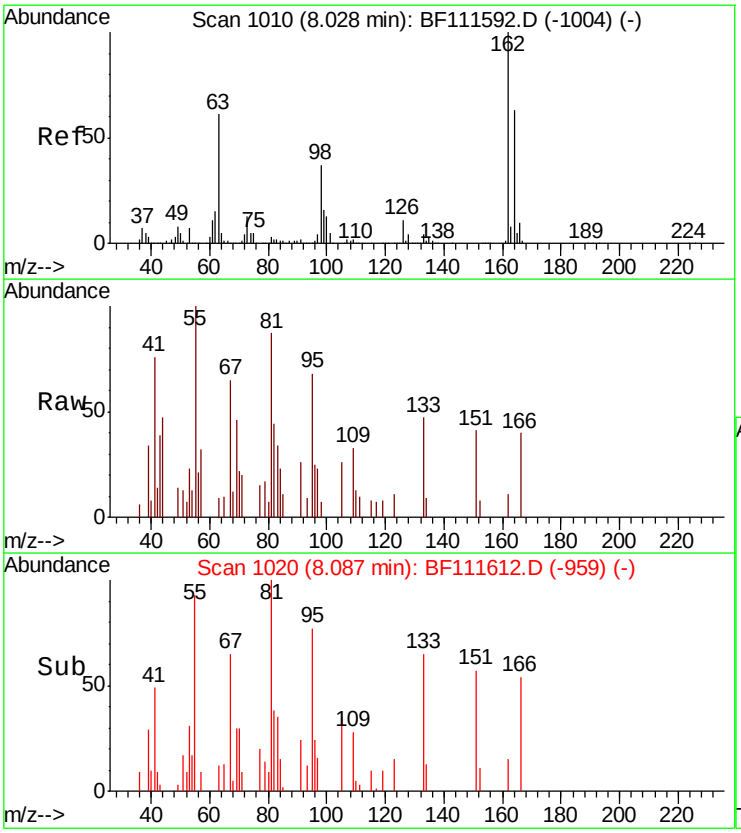
#28
bis(2-Chloroethoxy)methane
Concen: 0.021 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 93 Resp: 265

Ion	Ratio	Lower	Upper
93	100		
95	257.1	27.1	40.7#
123	80.3	9.9	14.9#

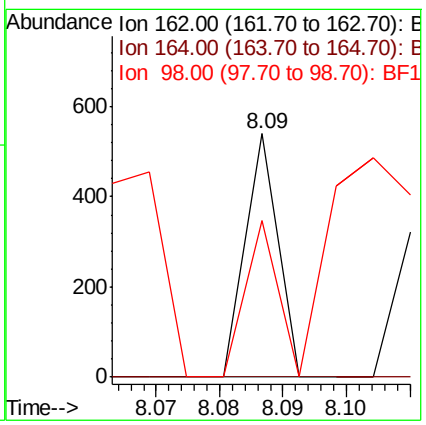


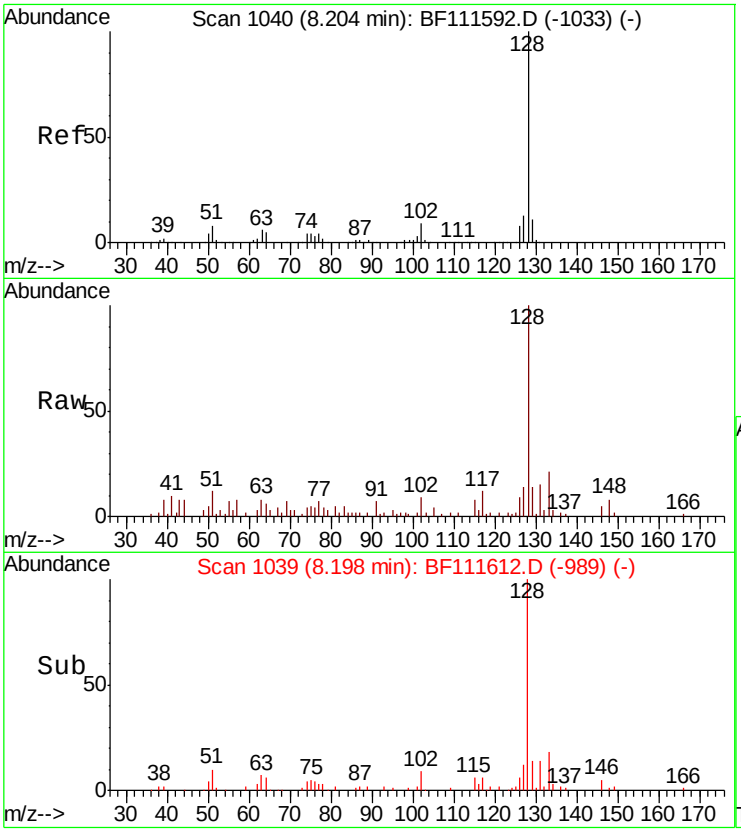


#29
2,4-Dichlorophenol
Concen: 0.020 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.06 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:162 Resp: 191

Ion	Ratio	Lower	Upper
162	100		
164	0.0	44.4	84.4#
98	64.4	20.3	60.3#



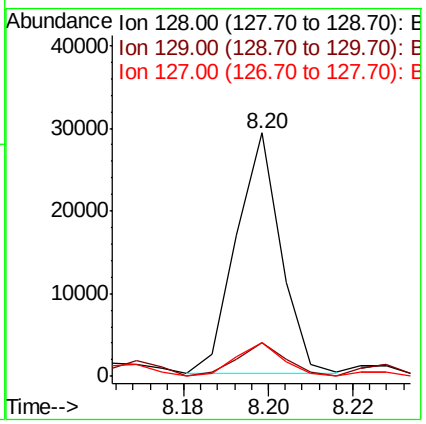


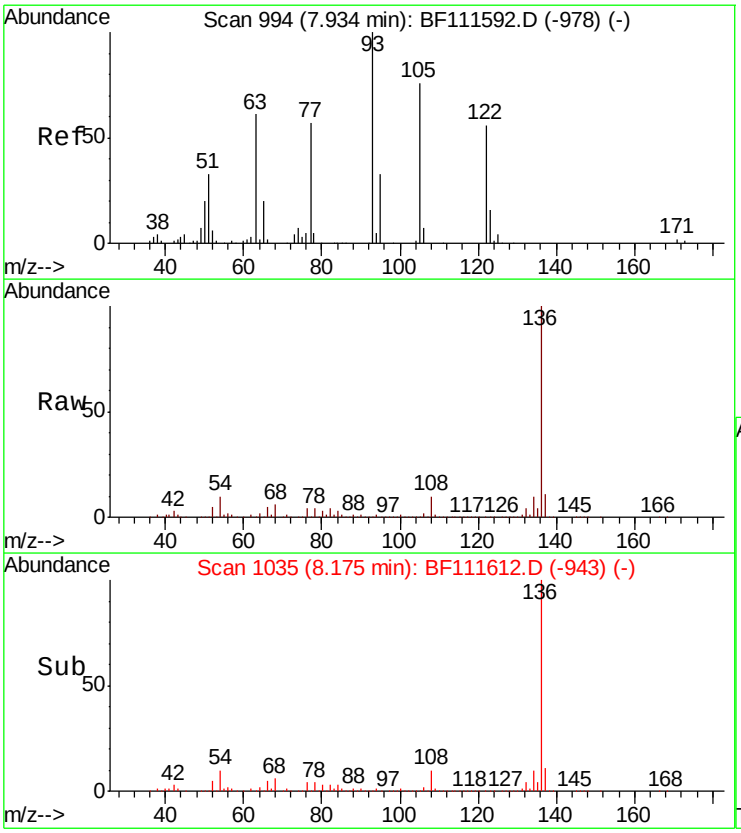
#31
Naphthalene
Concen: 0.703 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:128 Resp: 21371

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.8	14.8
127	13.8	12.0	18.0

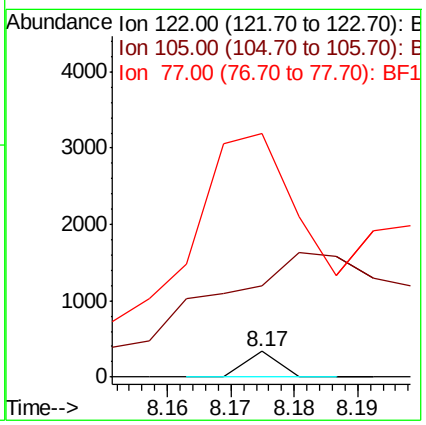


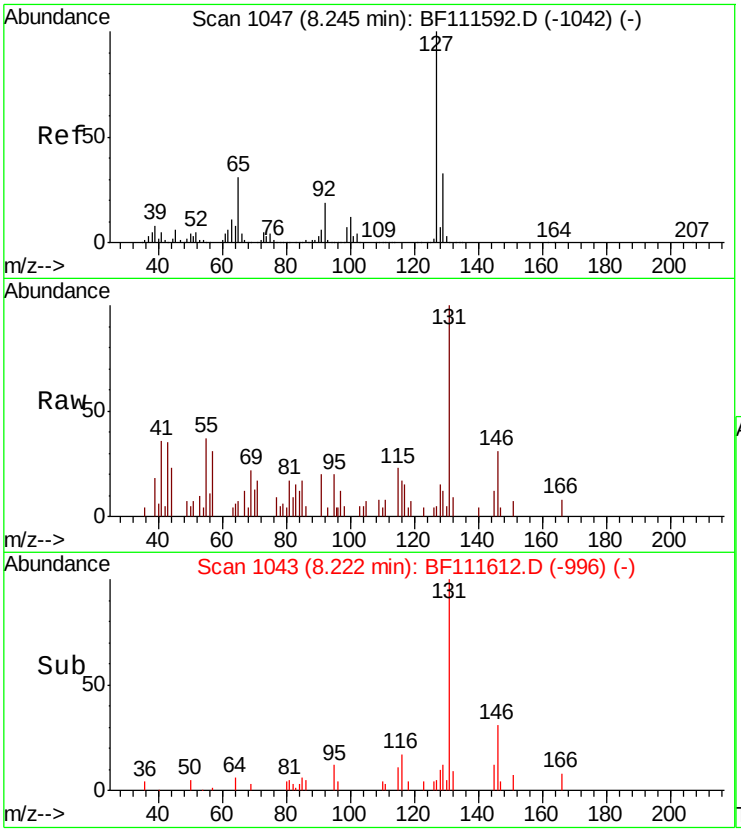


#32
Benzoic acid
Concen: 0.020 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.24 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:122 Resp: 118

Ion	Ratio	Lower	Upper
122	100		
105	358.8	97.0	137.0#
77	952.2	65.7	105.7#



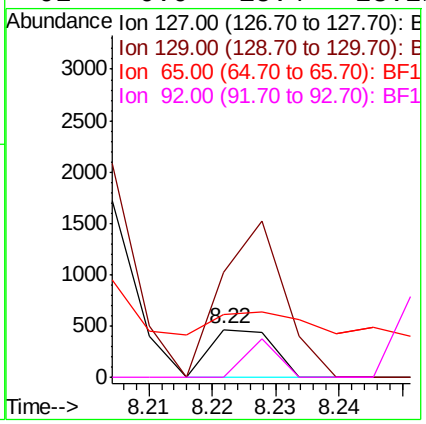


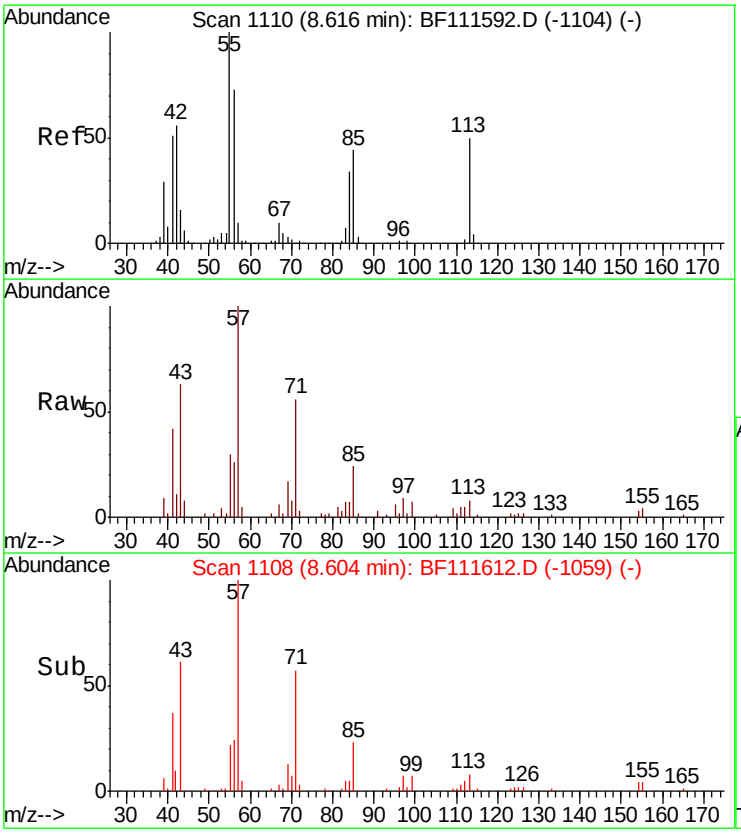
#33
4-Chloroaniline
Concen: 0.024 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:127 Resp: 319

Ion	Ratio	Lower	Upper
127	100		
129	219.1	26.6	39.8#
65	132.7	25.7	38.5#
92	0.0	15.4	23.2#

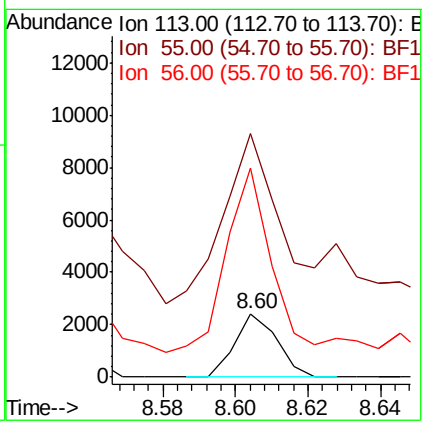


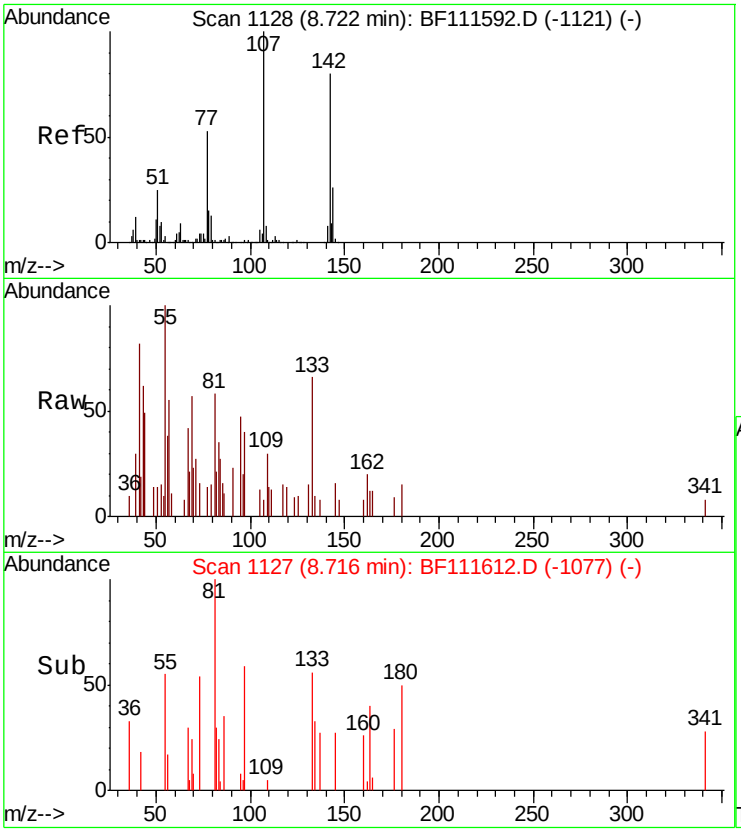


#35
Caprolactam
Concen: 0.588 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:113 Resp: 1952

Ion	Ratio	Lower	Upper
113	100		
55	382.9	184.1	224.1#
56	327.8	126.0	166.0#



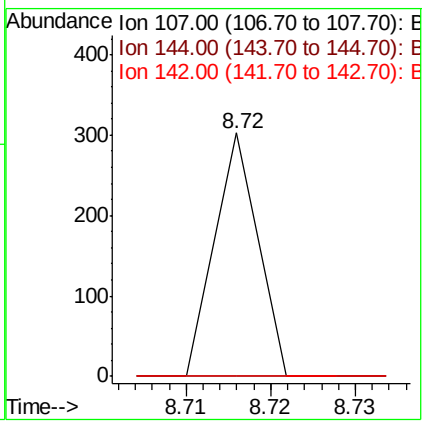


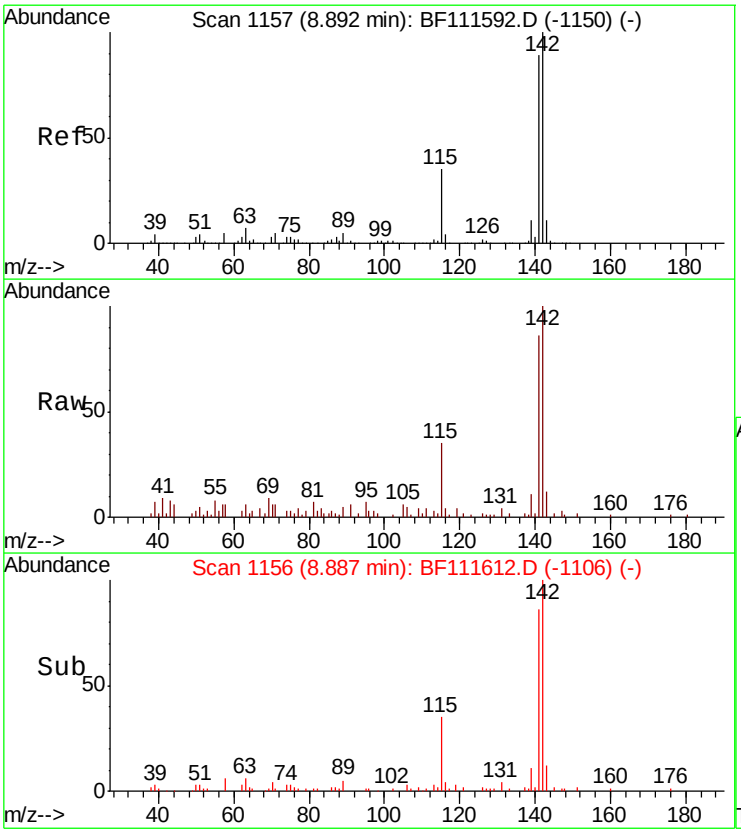
#36
4-Chloro-3-methylphenol
Concen: 0.011 ng
RT: 8.72 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:107 Resp: 107

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

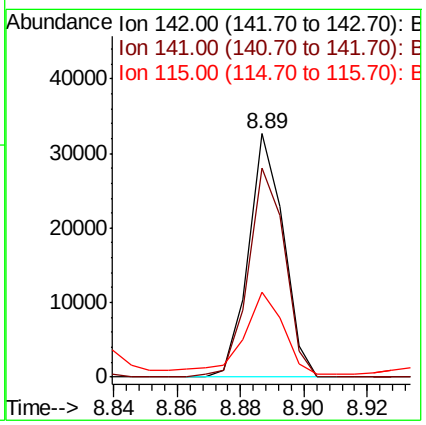


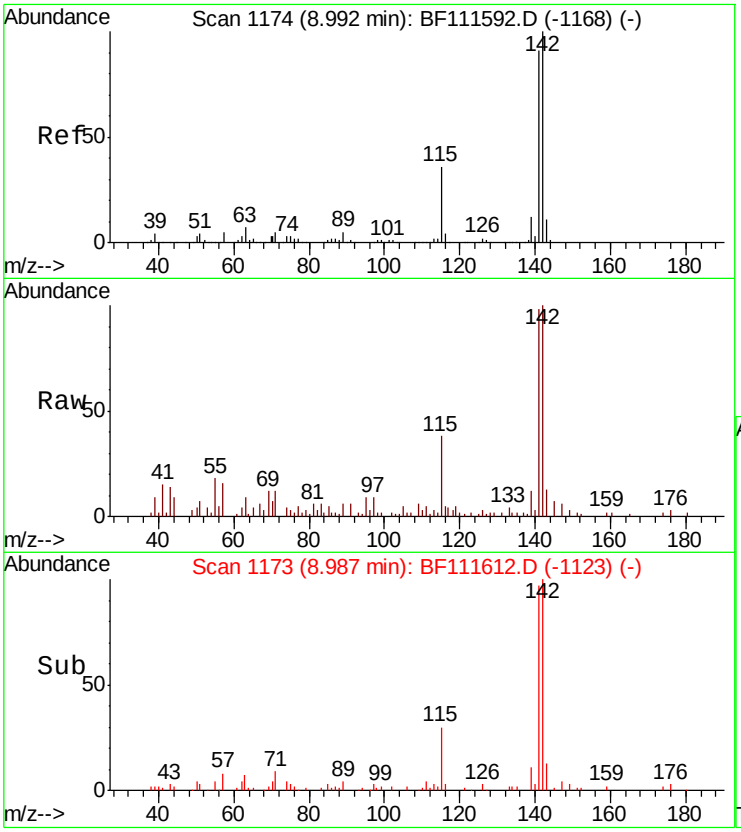


#37
2-Methylnaphthalene
Concen: 1.265 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:142 Resp: 25005

Ion	Ratio	Lower	Upper
142	100		
141	86.0	70.6	105.8
115	34.8	27.0	40.6



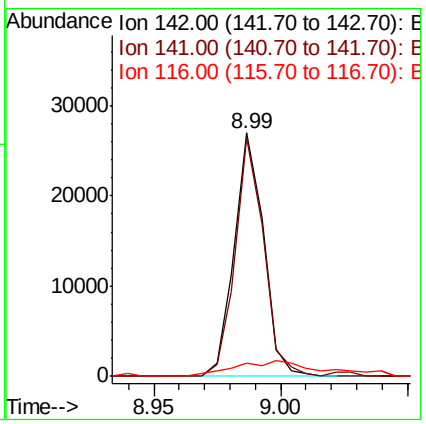


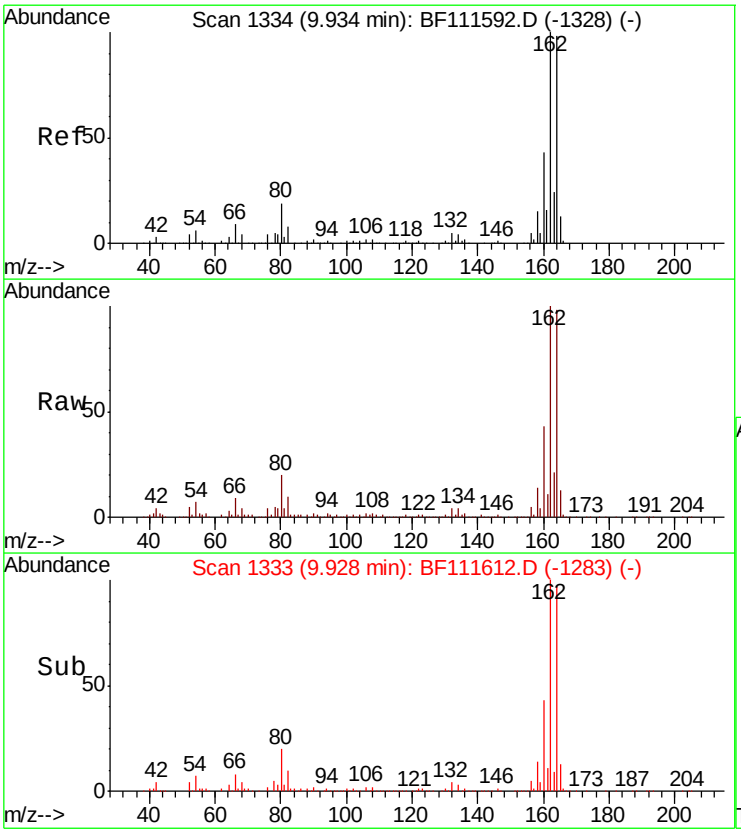
#38
1-Methylnaphthalene
Concen: 1.137 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:142 Resp: 21593

Ion	Ratio	Lower	Upper
142	100		
141	98.1	74.2	111.4
116	5.2	2.9	4.3#

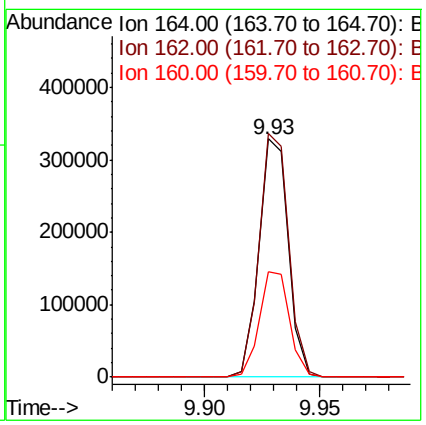


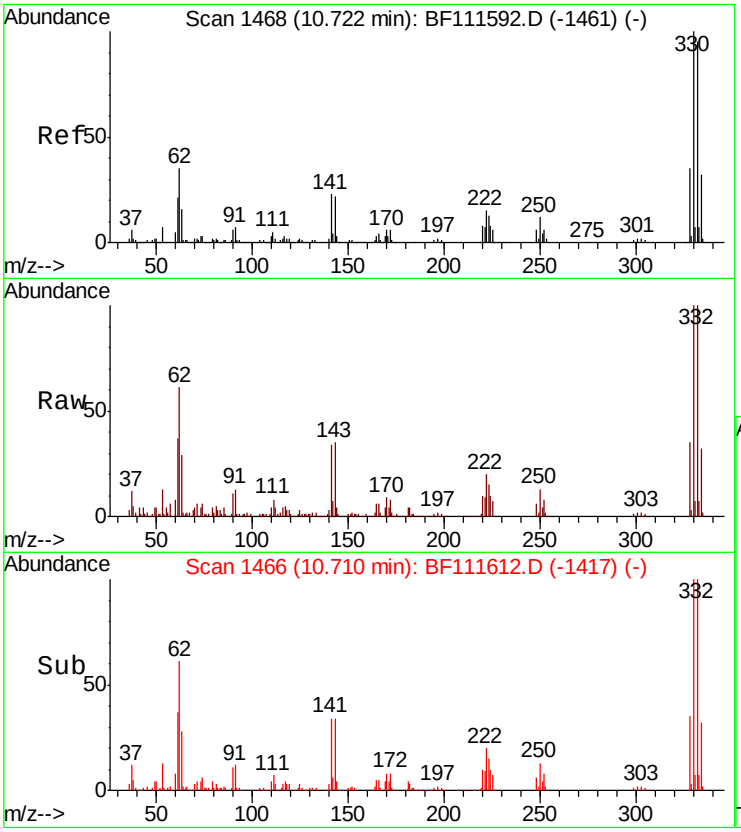


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:164 Resp: 291431

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	44.1	35.7	53.5



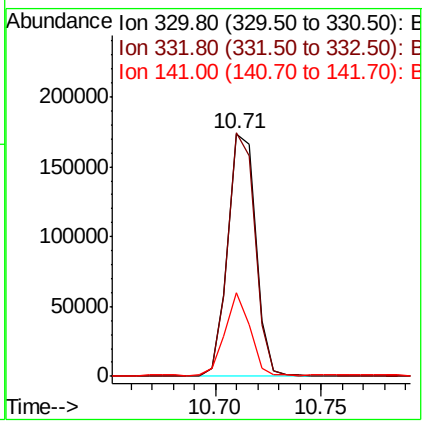


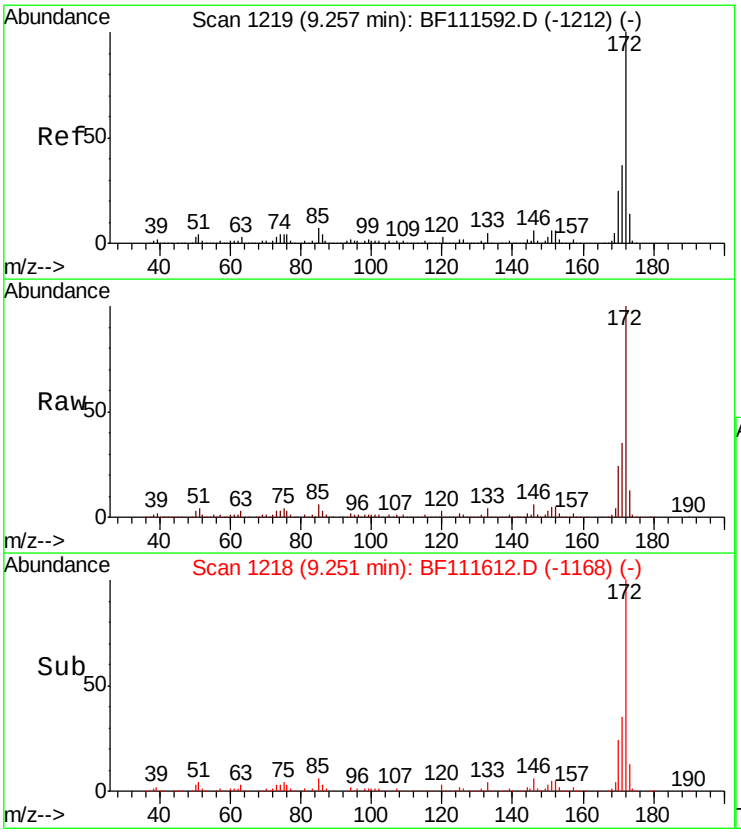
#42
2,4,6-Tribromophenol
Concen: 46.174 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:330 Resp: 158998

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.0	114.0
141	30.2	31.0	46.6#

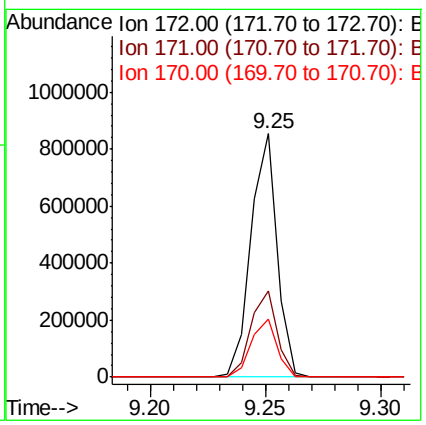


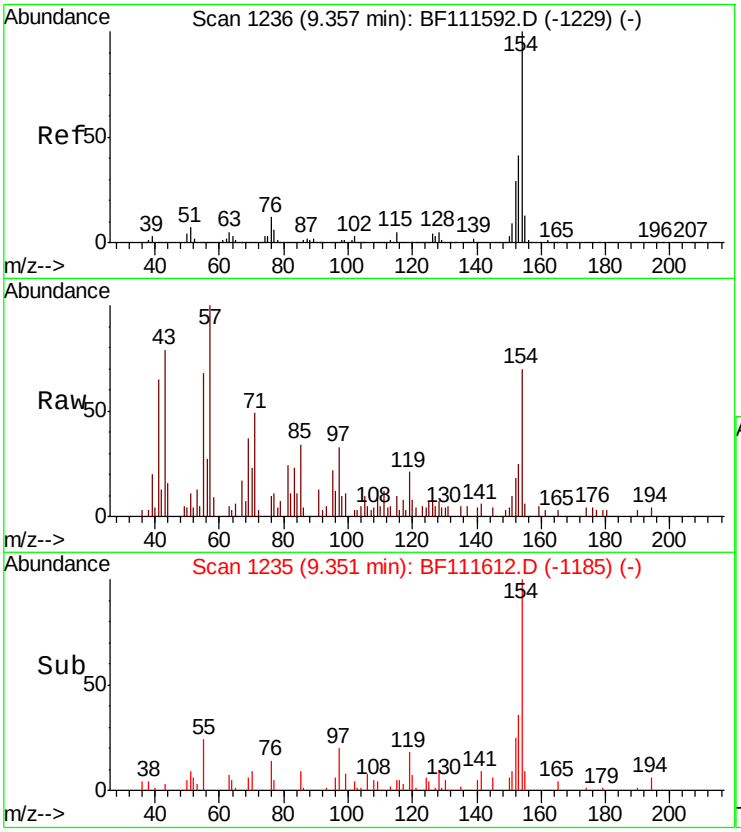


#45
2-Fluorobiphenyl
Concen: 33.978 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:172 Resp: 679354

Ion	Ratio	Lower	Upper
172	100		
171	35.3	33.0	49.4
170	23.8	22.3	33.5



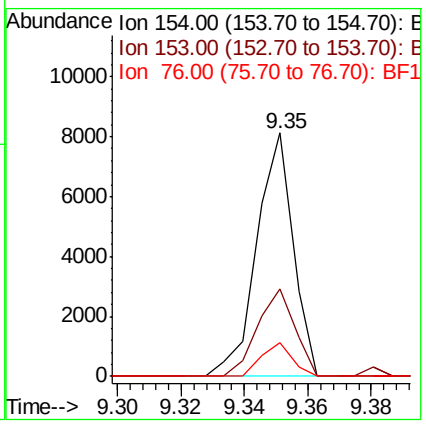


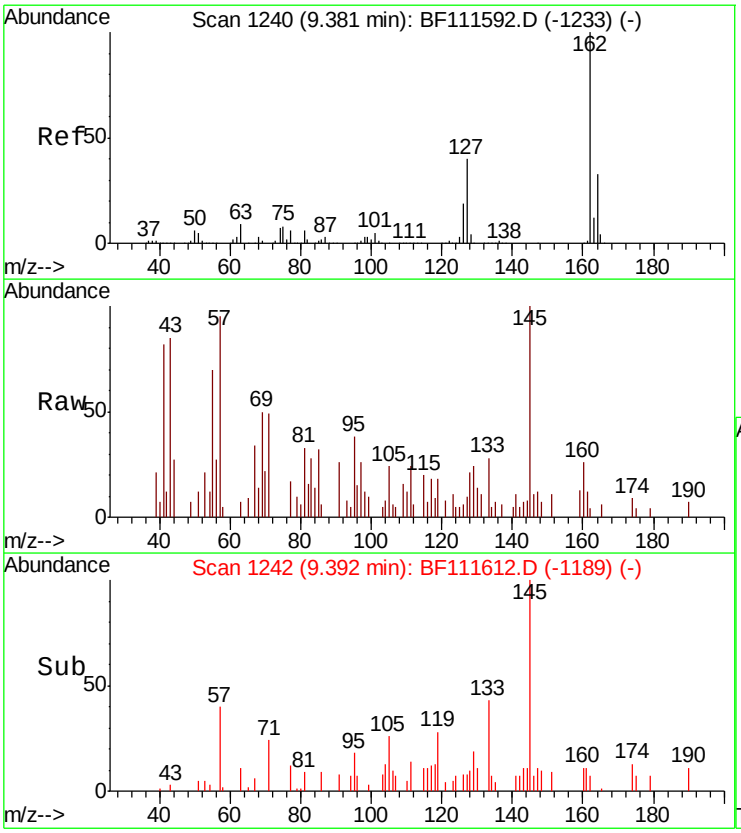
#46
1,1'-Biphenyl
Concen: 0.264 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:154 Resp: 6488

Ion	Ratio	Lower	Upper
154	100		
153	35.8	23.7	63.7
76	13.6	0.0	35.0

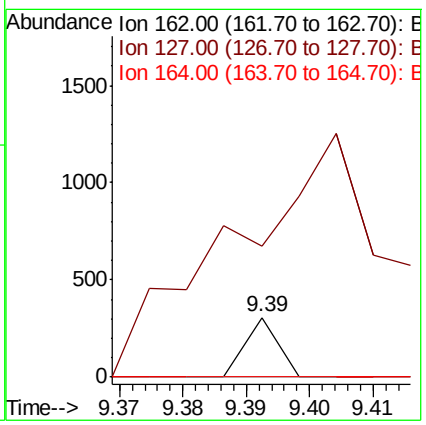


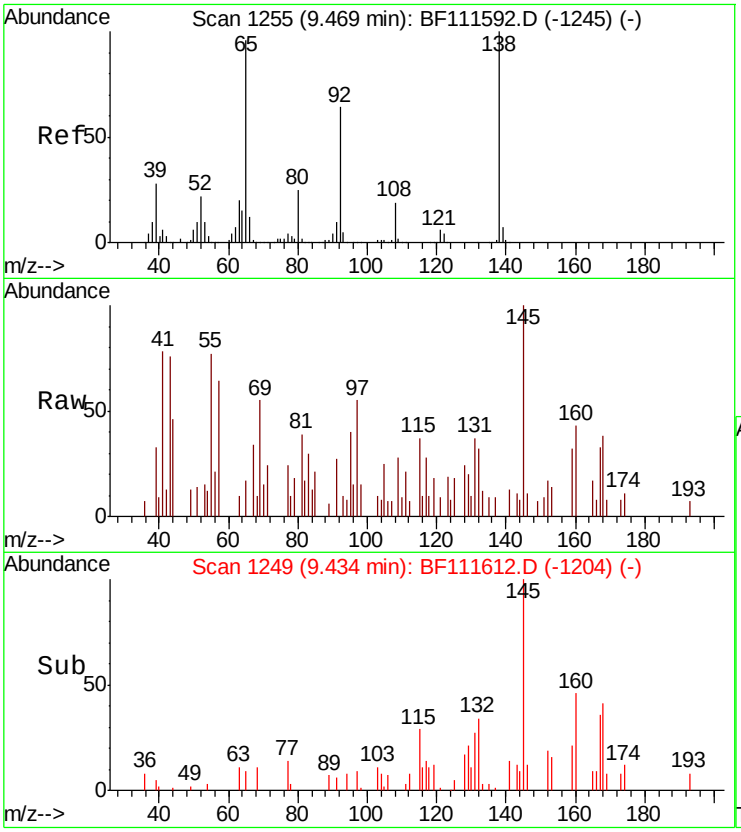


#47
2-Chloronaphthalene
Concen: 0.006 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:162 Resp: 108

Ion	Ratio	Lower	Upper
162	100		
127	221.2	35.0	52.4#
164	0.0	28.4	42.6#



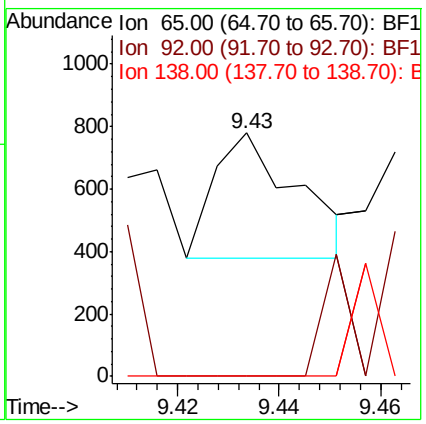


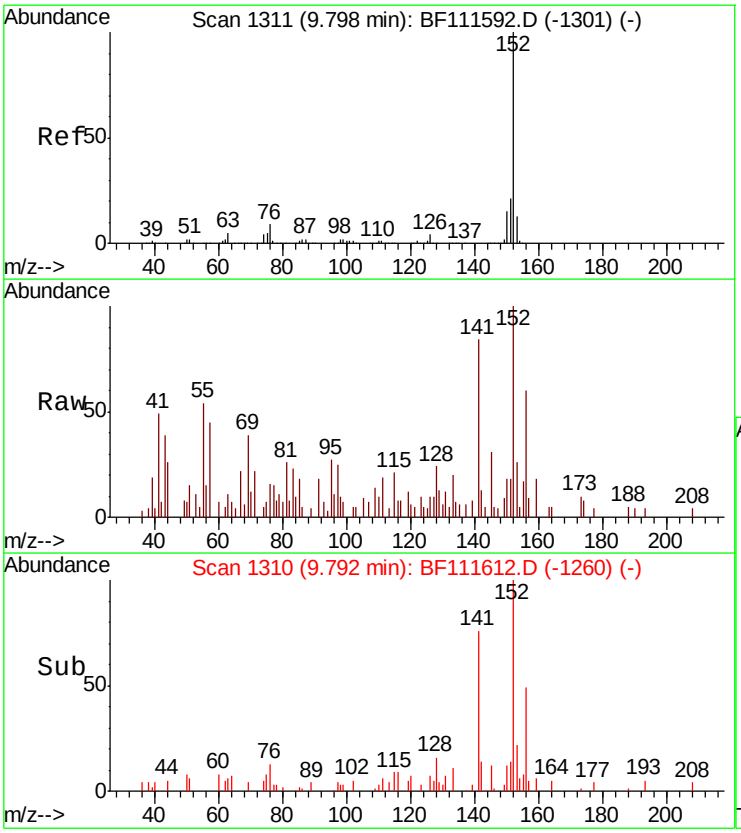
#48
2-Nitroaniline
Concen: 0.091 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.03 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion: 65 Resp: 459

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

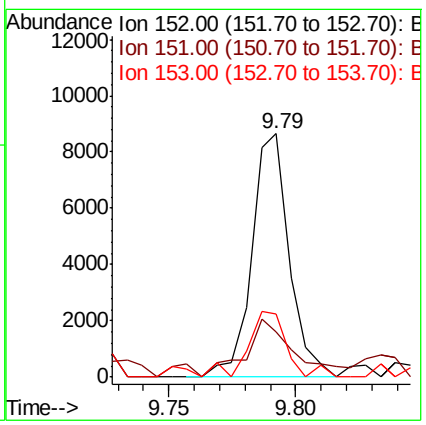


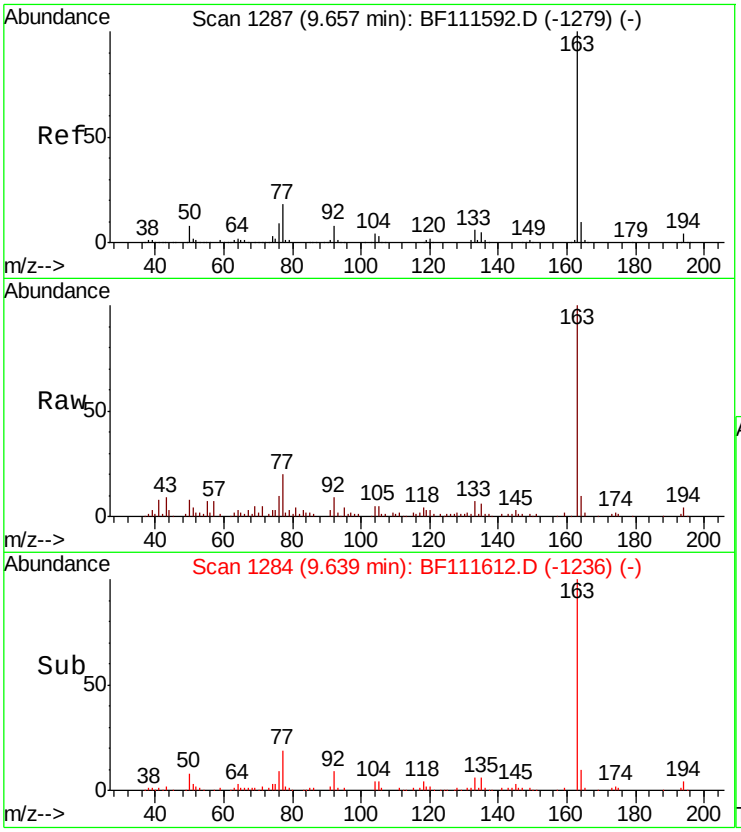


#49
Acenaphthylene
Concen: 0.313 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:152 Resp: 8912

Ion	Ratio	Lower	Upper
152	100		
151	18.4	18.0	27.0
153	25.8	12.3	18.5#



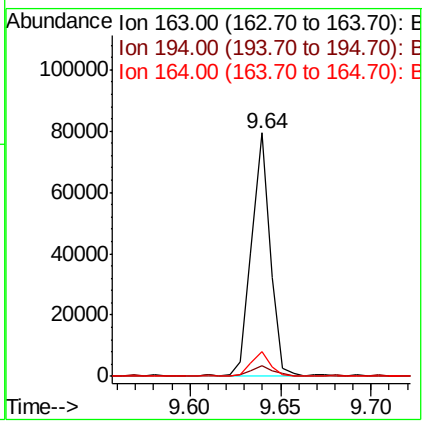


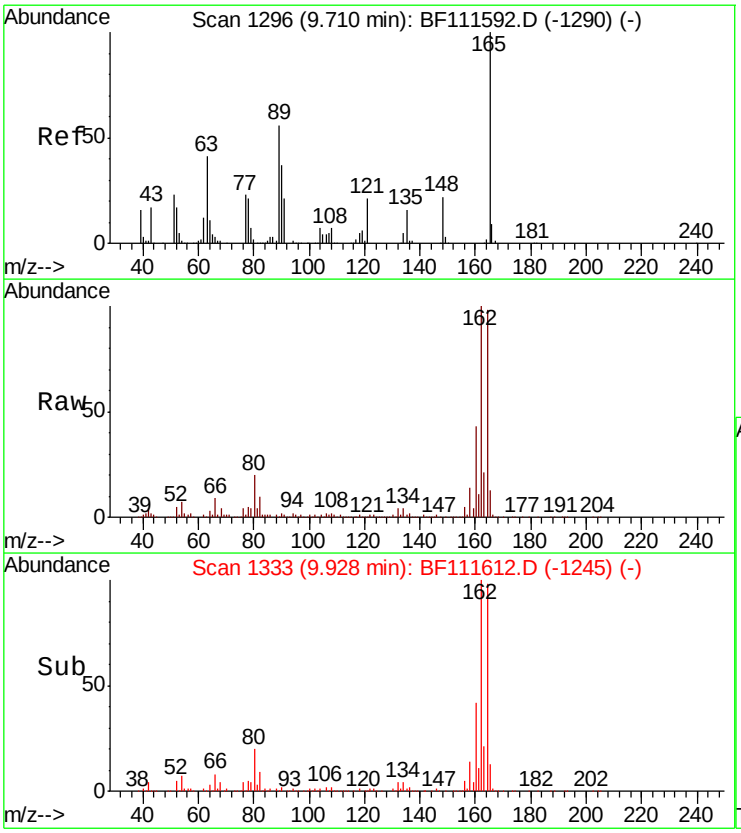
#50
Dimethylphthalate
Concen: 2.681 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:163 Resp: 57127

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.6
164	10.0	8.9	13.3

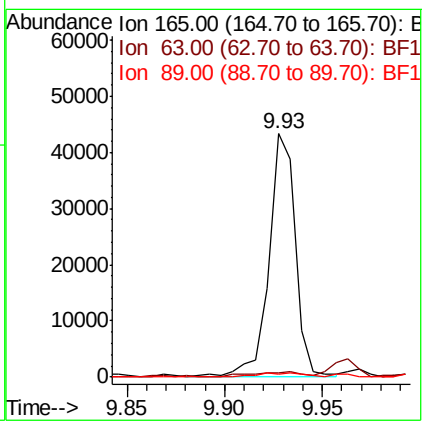


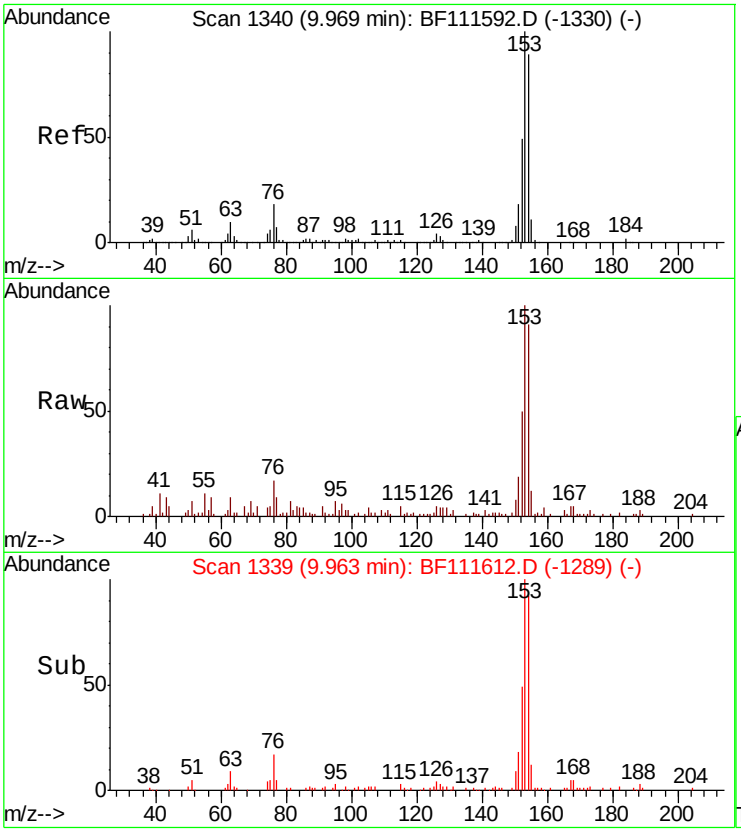


#51
2,6-Dinitrotoluene
Concen: 9.630 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:165 Resp: 40924

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.5	60.7#
89	1.2	40.0	60.0#



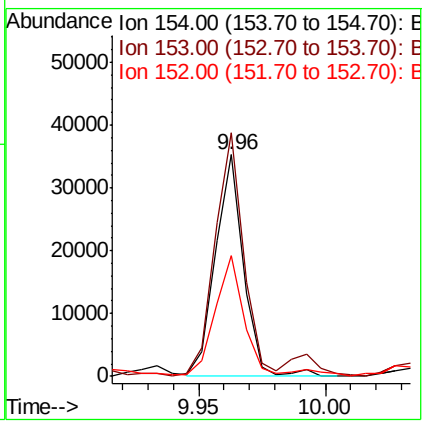


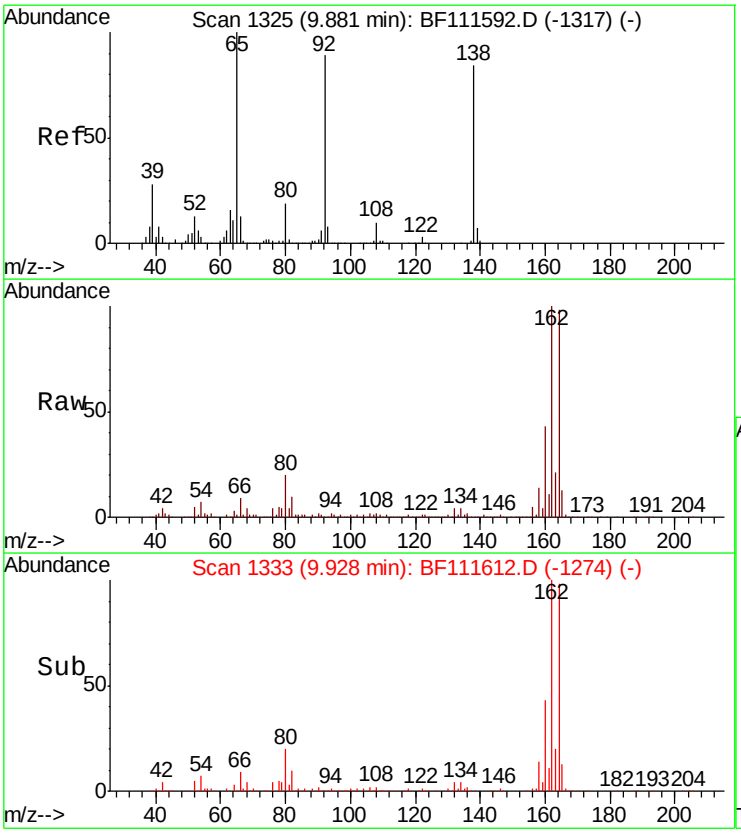
#52
Acenaphthene
Concen: 1.558 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:154 Resp: 27343

Ion	Ratio	Lower	Upper
154	100		
153	110.0	87.8	131.8
152	54.7	43.4	65.2

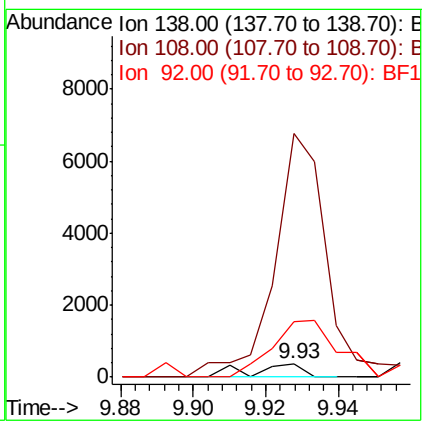


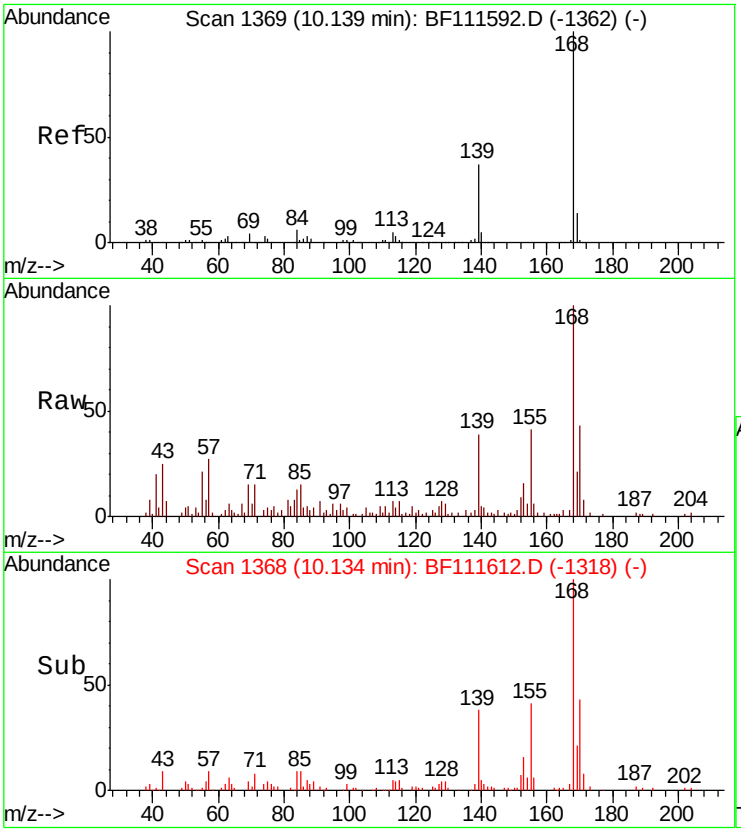


#53
3-Nitroaniline
Concen: 0.079 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.05 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:138 Resp: 359

Ion	Ratio	Lower	Upper
138	100		
108	1804.0	8.2	12.4#
92	413.3	93.4	140.2#



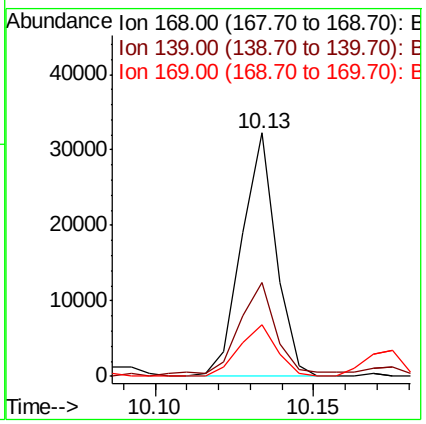


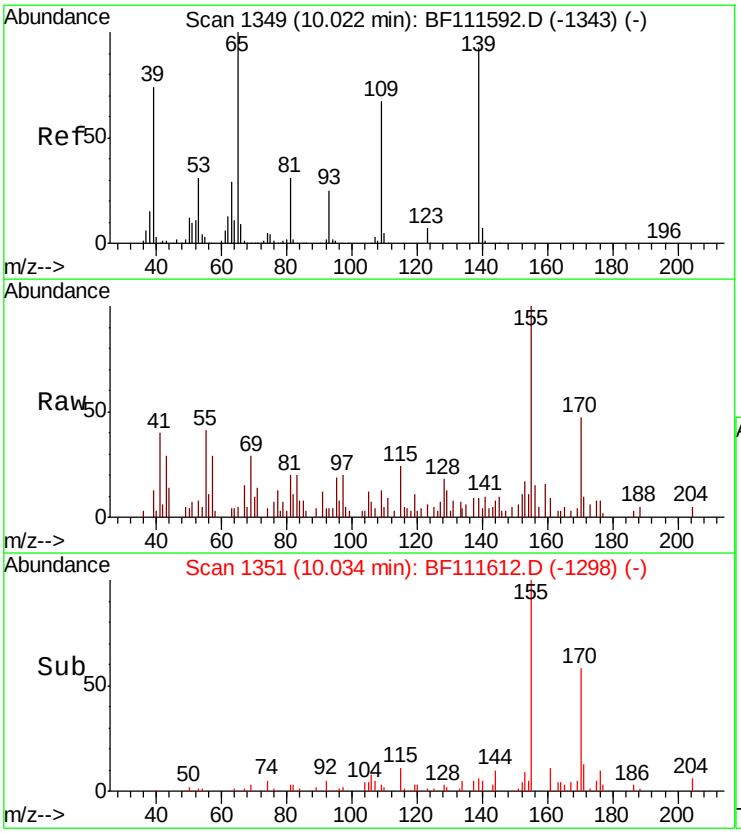
#55
Dibenzofuran
Concen: 0.917 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:168 Resp: 24323

Ion	Ratio	Lower	Upper
168	100		
139	38.8	32.6	49.0
169	21.3	11.8	17.6#

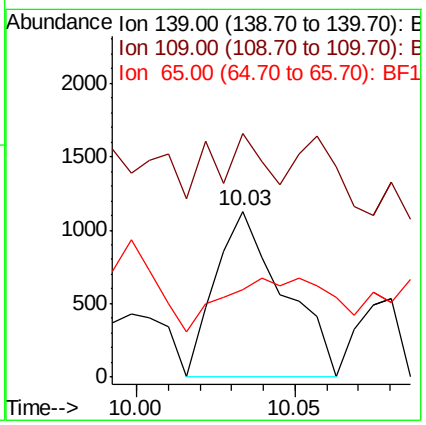


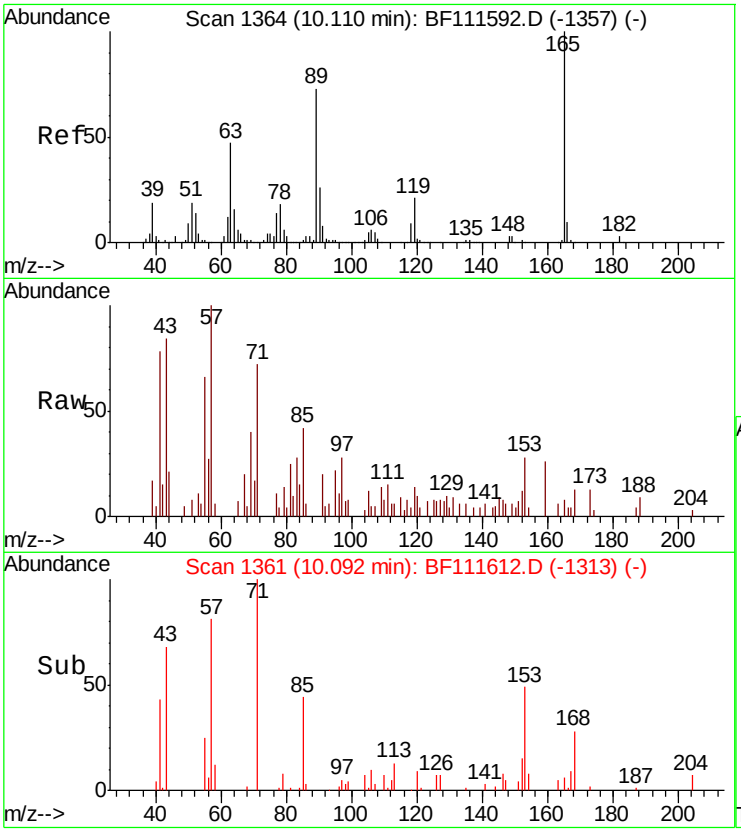


#56
4-Nitrophenol
Concen: 0.486 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:139 Resp: 1682

Ion	Ratio	Lower	Upper
139	100		
109	146.6	41.8	81.8#
65	52.8	79.6	119.6#



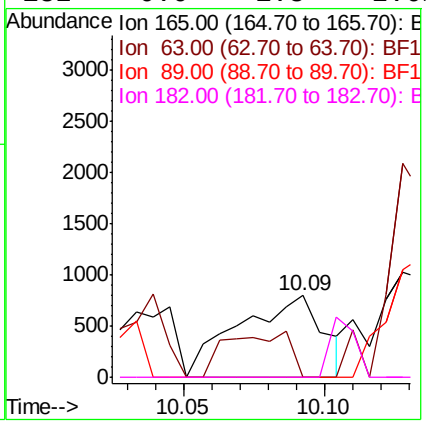


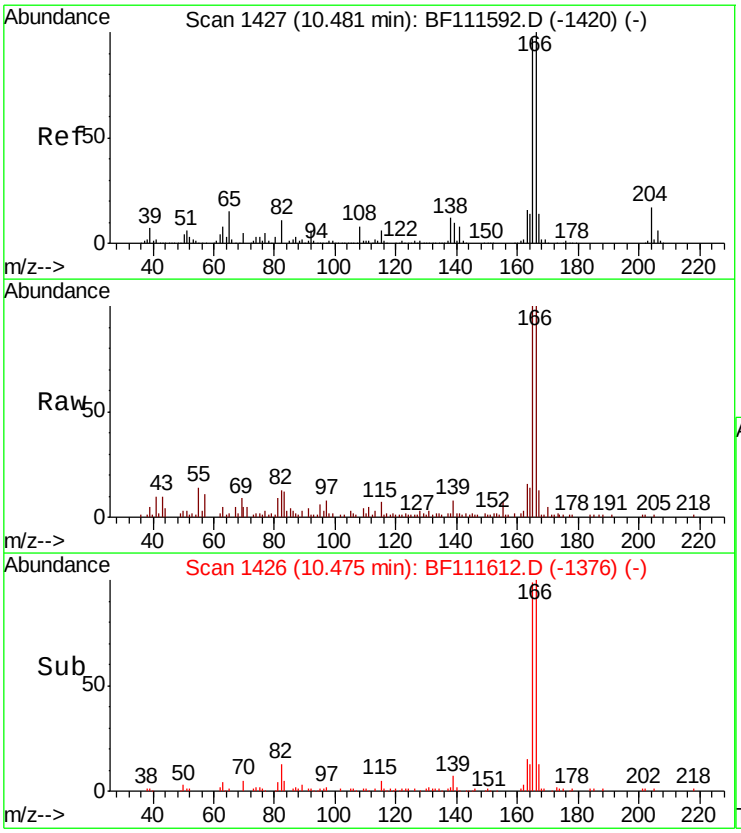
#57
2,4-Dinitrotoluene
Concen: 0.324 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:165 Resp: 1655

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

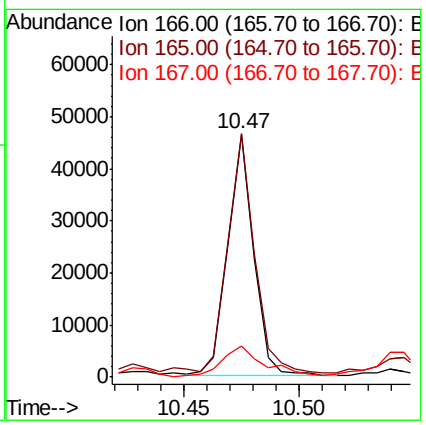


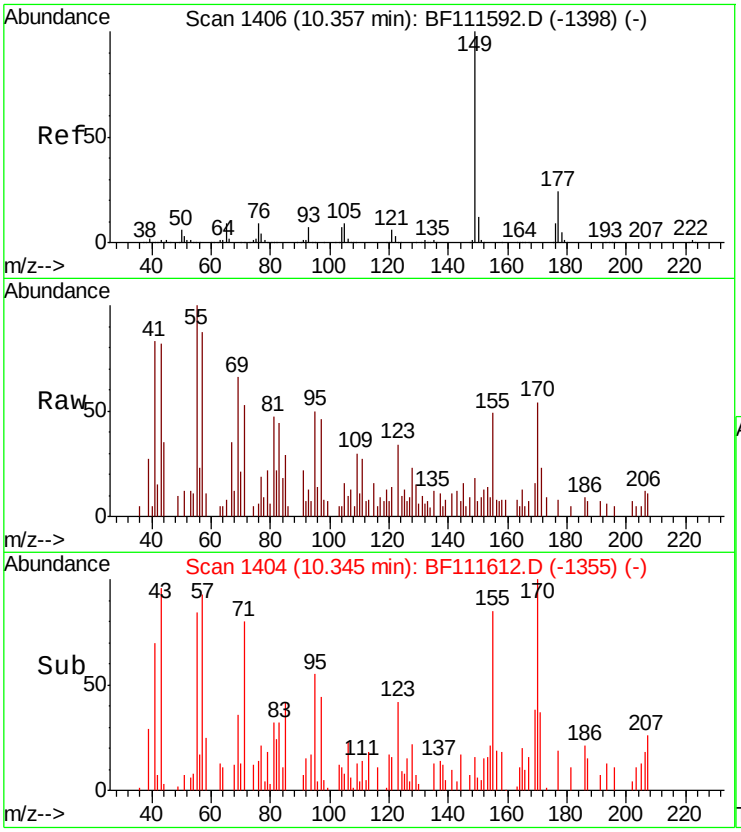


#58
Fluorene
Concen: 1.889 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:166 Resp: 36102

Ion	Ratio	Lower	Upper
166	100		
165	100.3	78.4	117.6
167	13.1	11.2	16.8



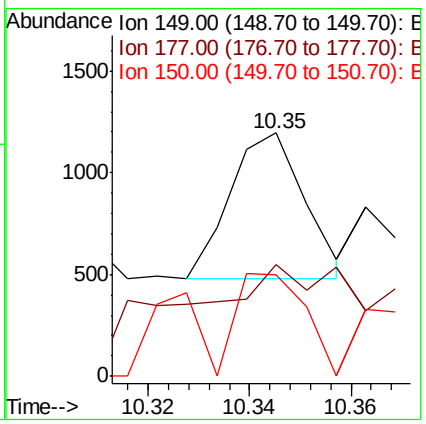


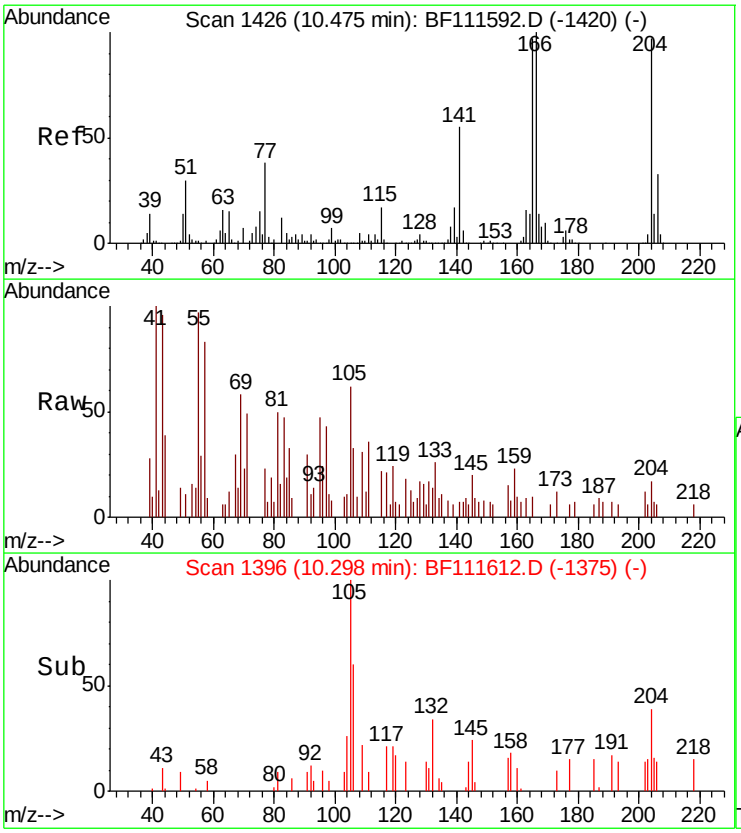
#60
Diethylphthalate
Concen: 0.035 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:149 Resp: 731

Ion	Ratio	Lower	Upper
149	100		
177	46.2	18.3	27.5#
150	41.7	10.6	15.8#

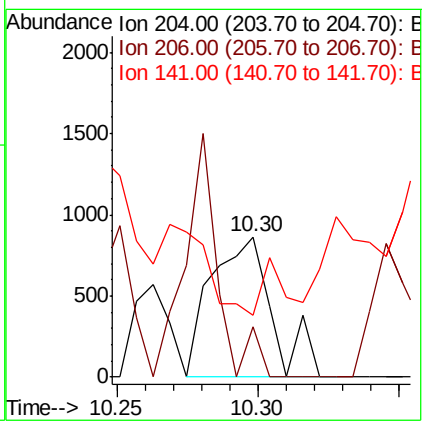


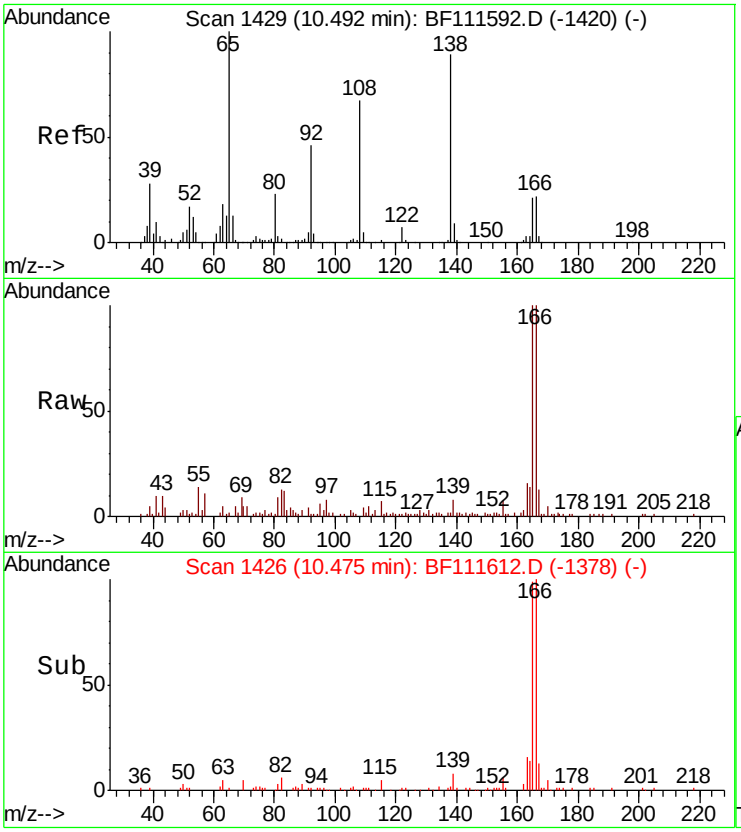


#61
4-Chlorophenyl-phenylether
Concen: 0.123 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.18 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:204 Resp: 1301

Ion	Ratio	Lower	Upper
204	100		
206	35.7	26.6	39.8
141	44.2	52.6	78.8#



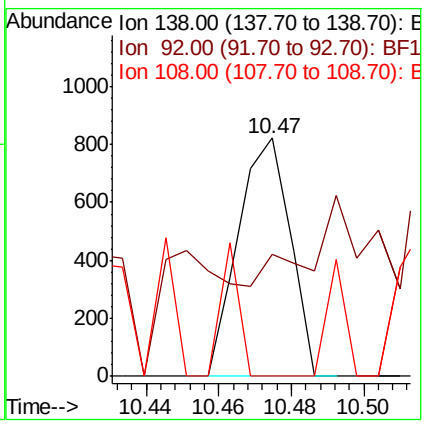


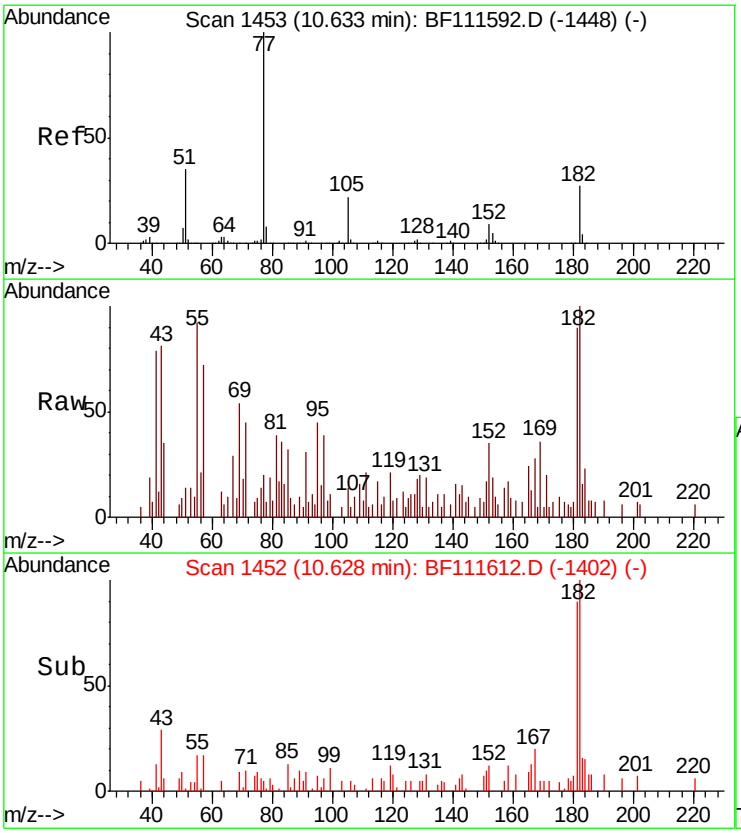
#62
4-Nitroaniline
Concen: 0.185 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:138 Resp: 815

Ion	Ratio	Lower	Upper
138	100		
92	51.5	29.9	69.9
108	0.0	43.2	83.2#

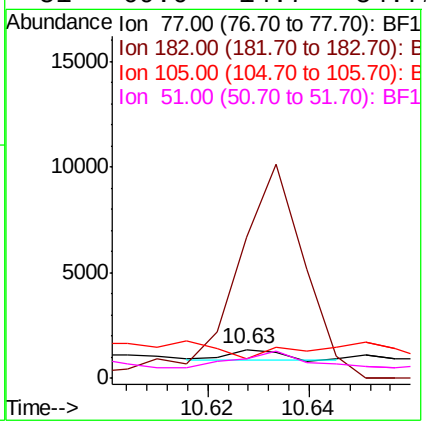


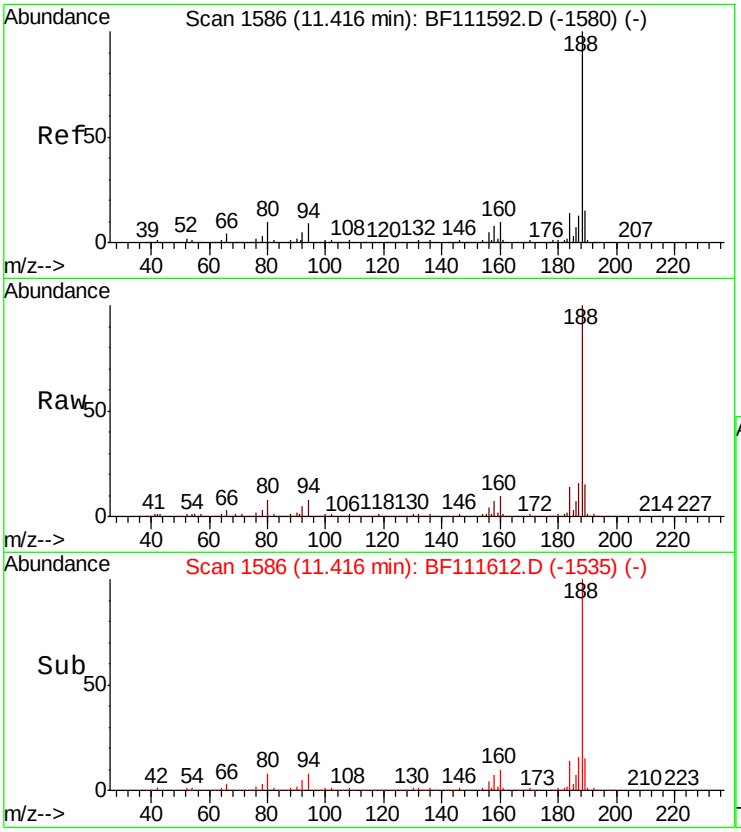


#63
Azobenzene
Concen: 0.017 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion: 77 Resp: 364

Ion	Ratio	Lower	Upper
77	100		
182	489.5	4.9	44.9#
105	66.6	6.0	46.0#
51	69.0	14.7	54.7#



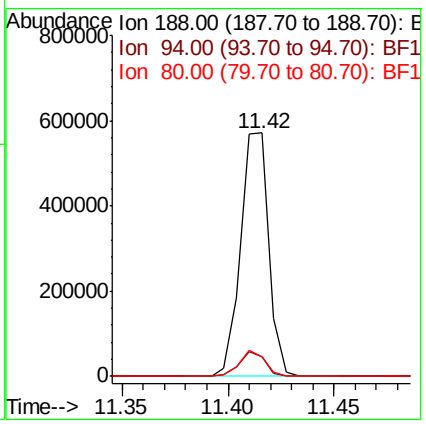


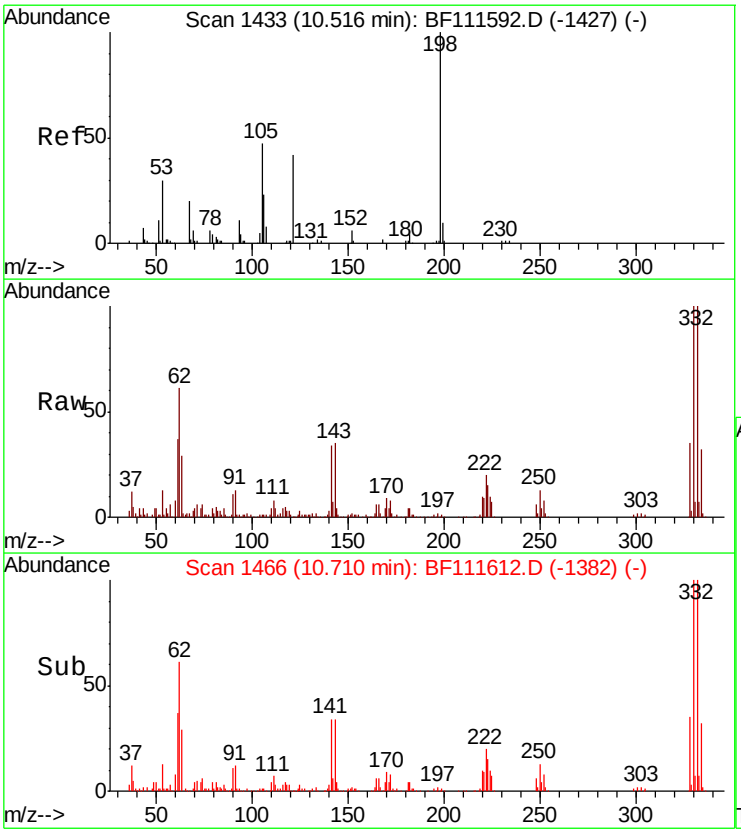
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:188 Resp: 525899

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.6	14.4#
80	8.2	9.8	14.6#

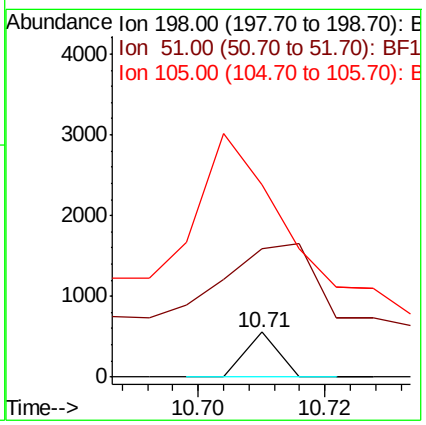


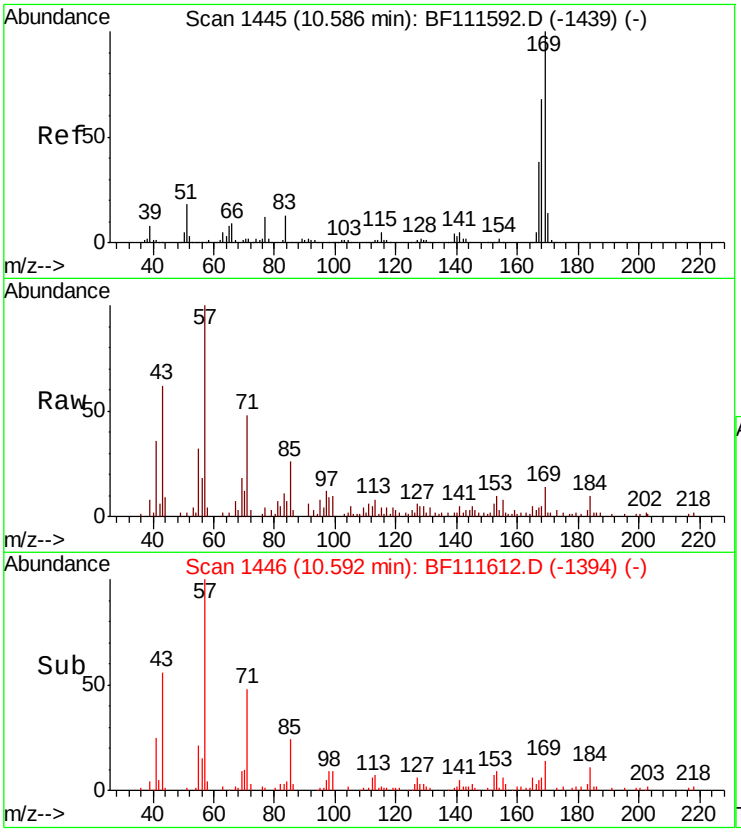


#65
4,6-Dinitro-2-methylphenol
Concen: 6.771 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:198 Resp: 197

Ion	Ratio	Lower	Upper
198	100		
51	284.7	48.0	88.0#
105	427.3	34.0	74.0#



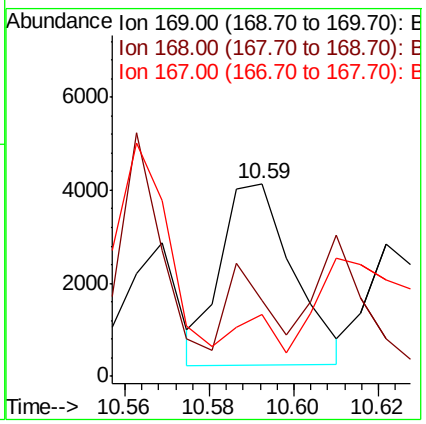


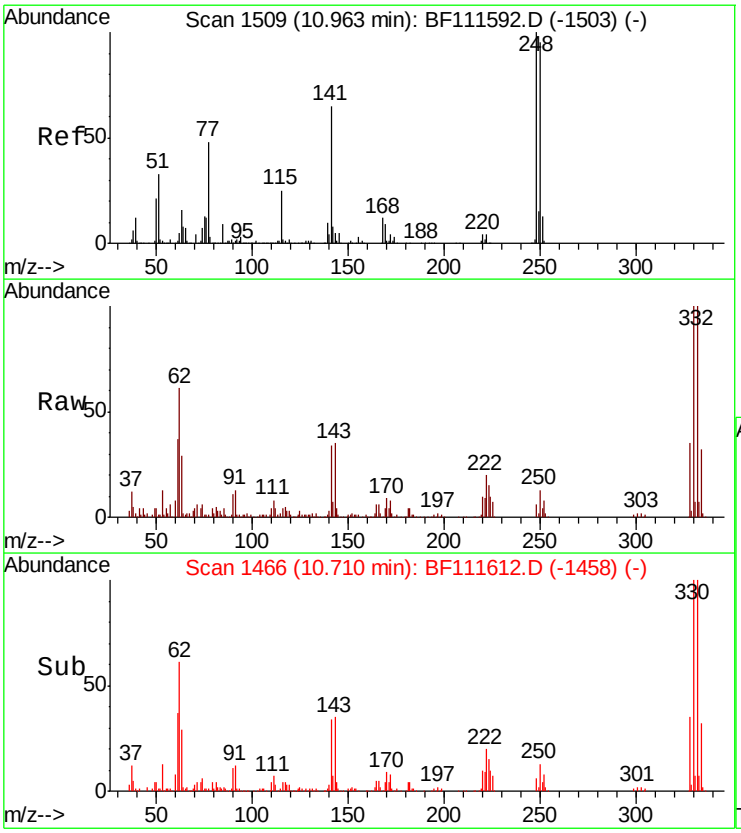
#66
n-Nitrosodiphenylamine
Concen: 0.264 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:169 Resp: 4660

Ion	Ratio	Lower	Upper
169	100		
168	39.4	54.4	81.6#
167	31.8	30.5	45.7

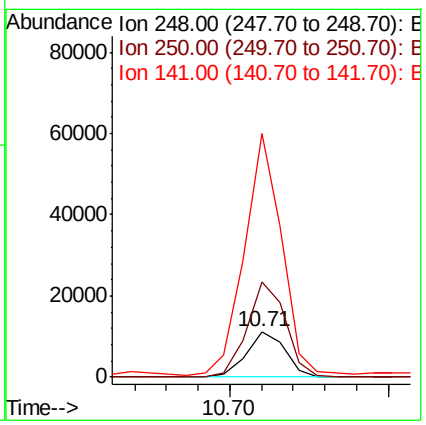


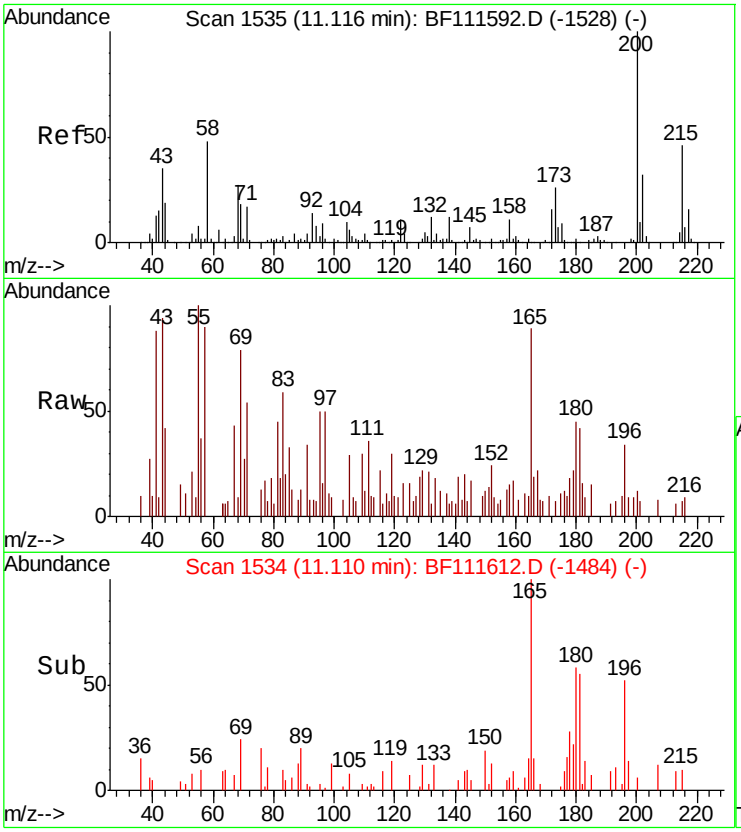


#67
4-Bromophenyl-phenylether
Concen: 1.442 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:248 Resp: 9406

Ion	Ratio	Lower	Upper
248	100		
250	210.8	77.0	115.4#
141	538.0	63.0	94.6#



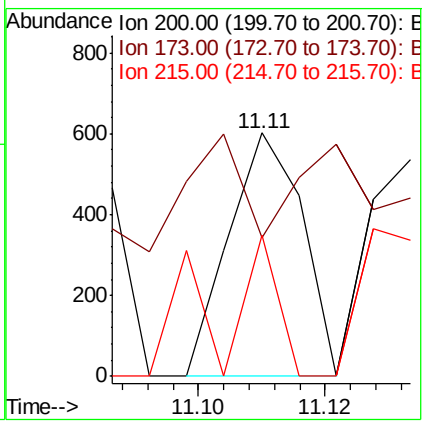


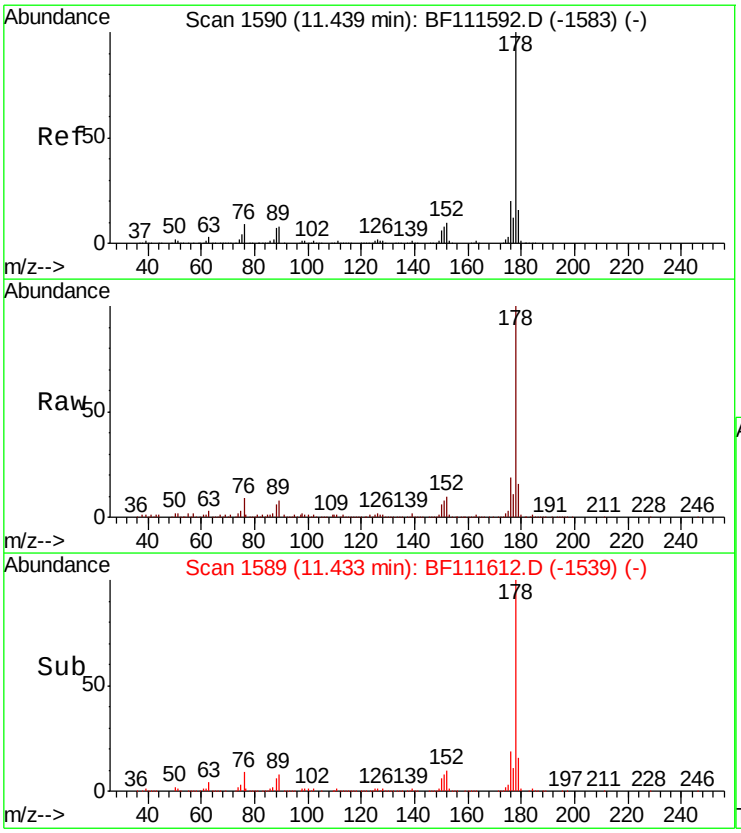
#69
Atrazine
Concen: 0.078 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:200 Resp: 480

Ion	Ratio	Lower	Upper
200	100		
173	57.1	10.1	50.1#
215	57.8	26.9	66.9

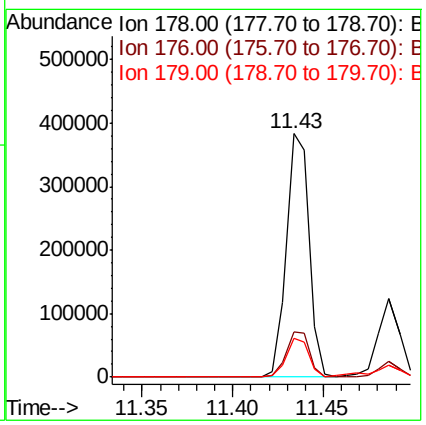


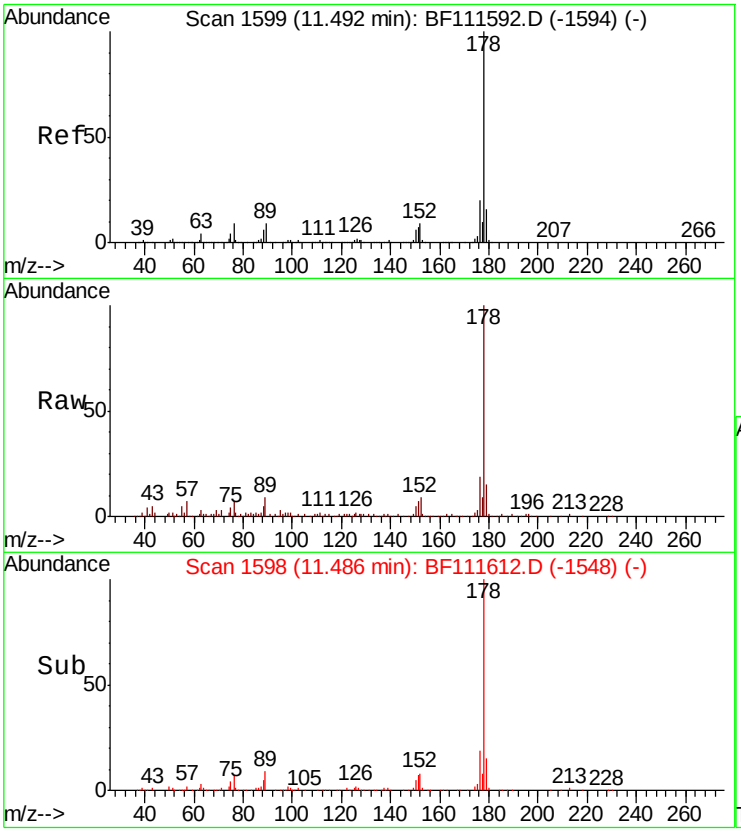


#71
Phenanthrene
Concen: 12.114 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:178 Resp: 337871

Ion	Ratio	Lower	Upper
178	100		
176	18.6	18.1	27.1
179	15.9	14.0	21.0



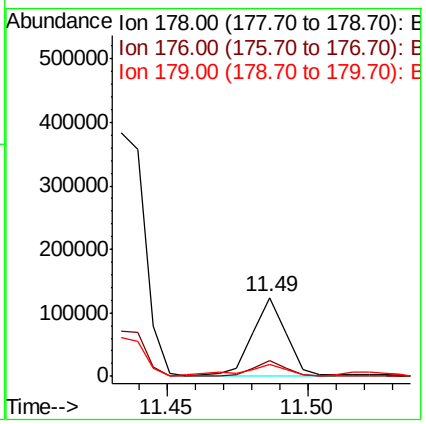


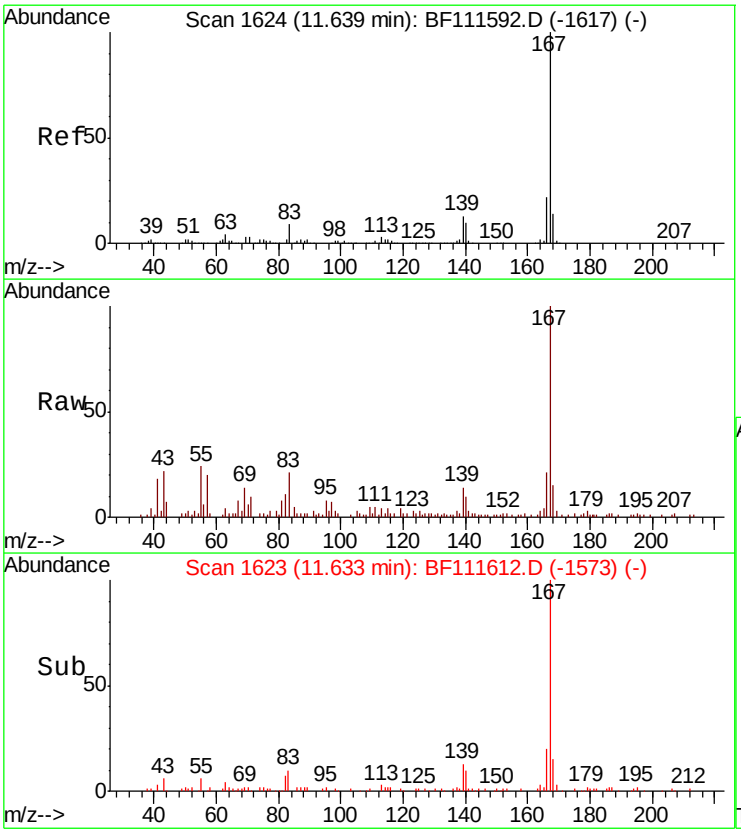
#72
Anthracene
Concen: 3.566 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:178 Resp: 99832

Ion	Ratio	Lower	Upper
178	100		
176	19.3	17.2	25.8
179	15.0	13.8	20.8

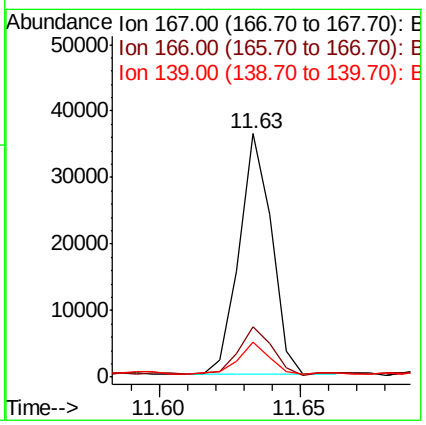


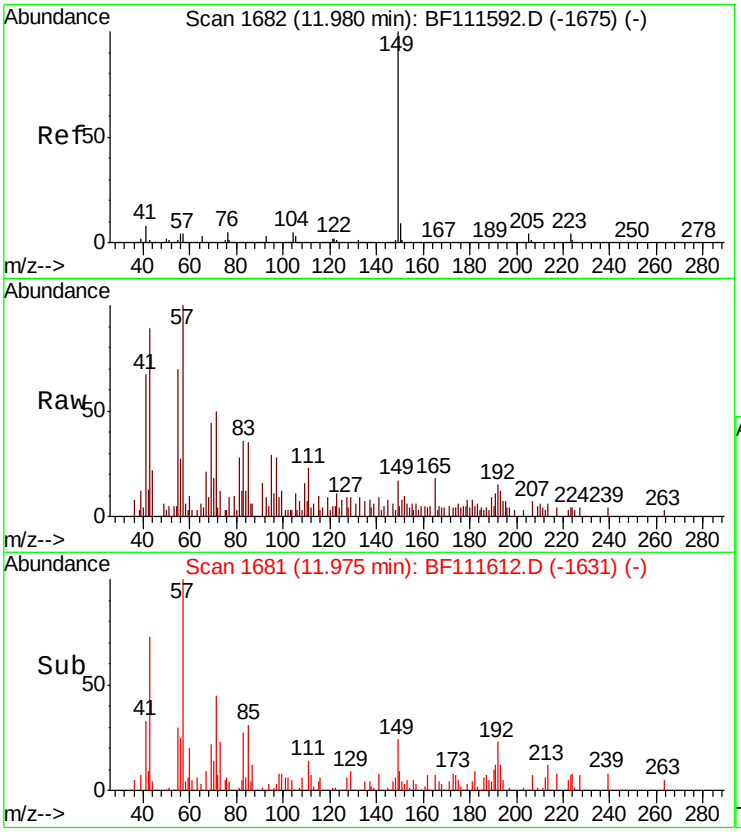


#73
Carbazole
Concen: 1.057 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:167 Resp: 28721

Ion	Ratio	Lower	Upper
167	100		
166	20.9	19.3	28.9
139	14.3	11.9	17.9



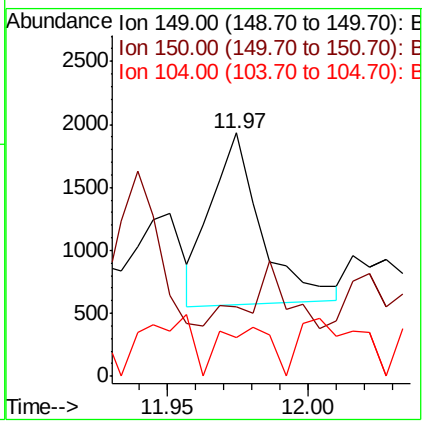


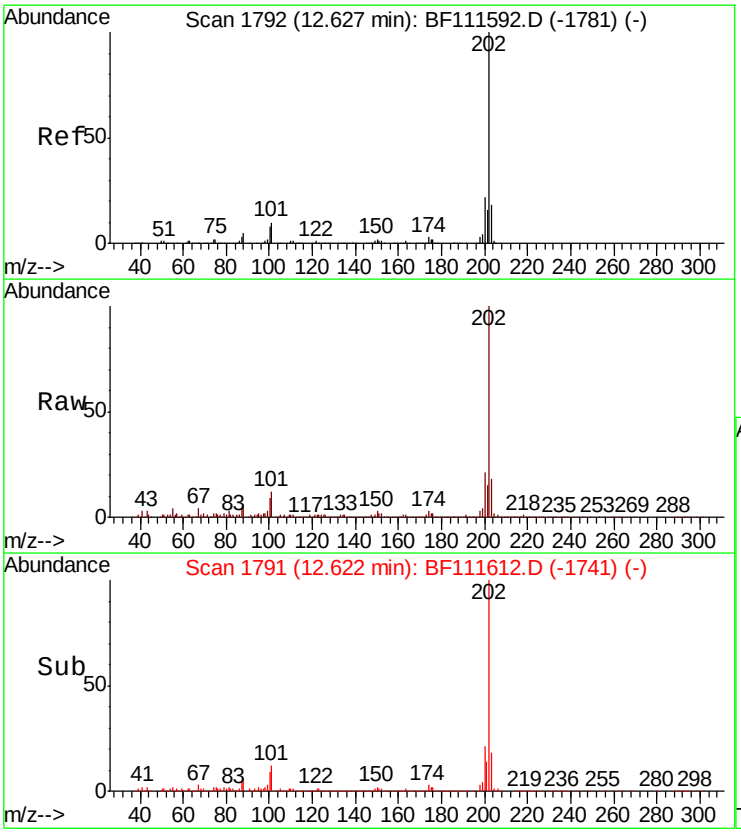
#74
Di-n-butylphthalate
Concen: 0.056 ng
RT: 11.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:149 Resp: 1705

Ion	Ratio	Lower	Upper
149	100		
150	28.6	8.8	13.2#
104	16.0	4.5	6.7#

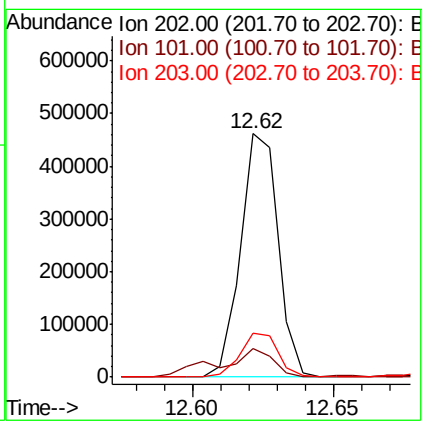


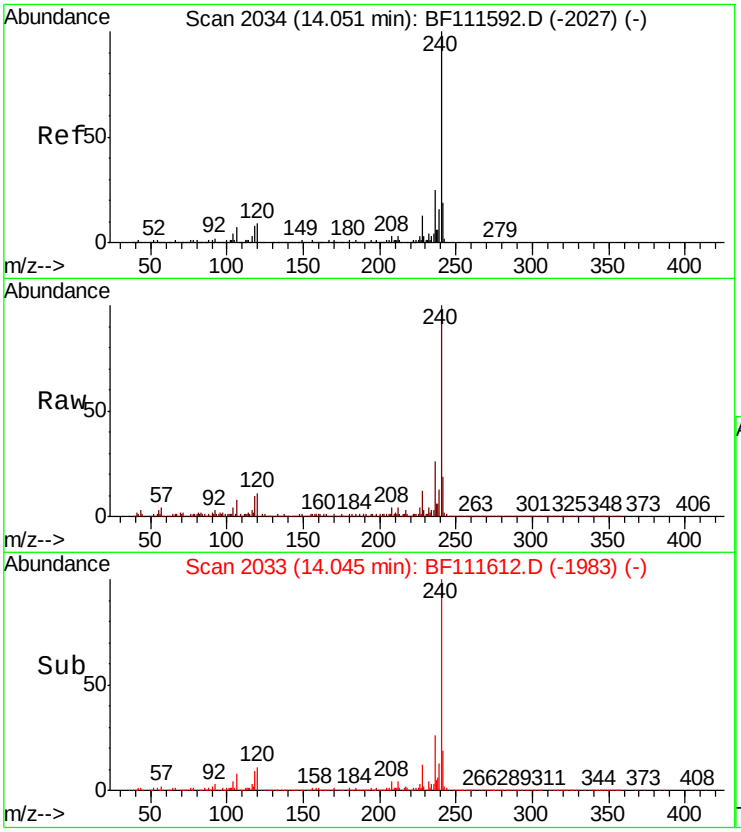


#75
Fluoranthene
Concen: 14.961 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:202 Resp: 422542

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.8
203	18.1	0.0	38.6



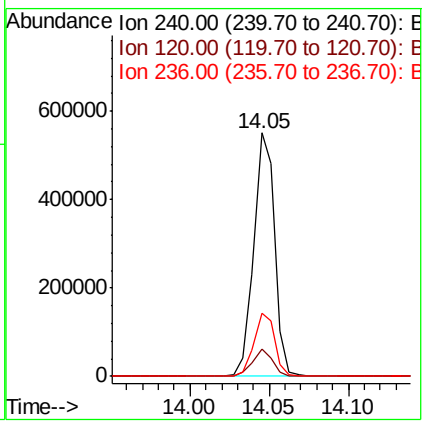


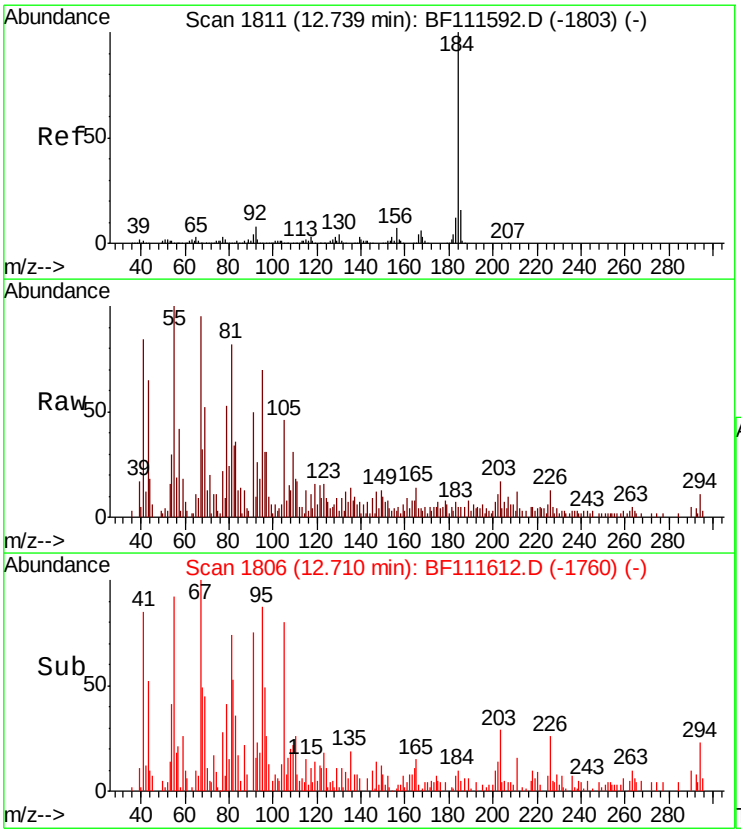
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:240 Resp: 501366

Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.2	18.2#
236	26.0	20.2	30.2

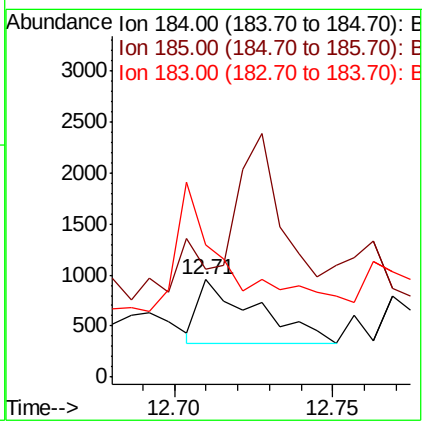


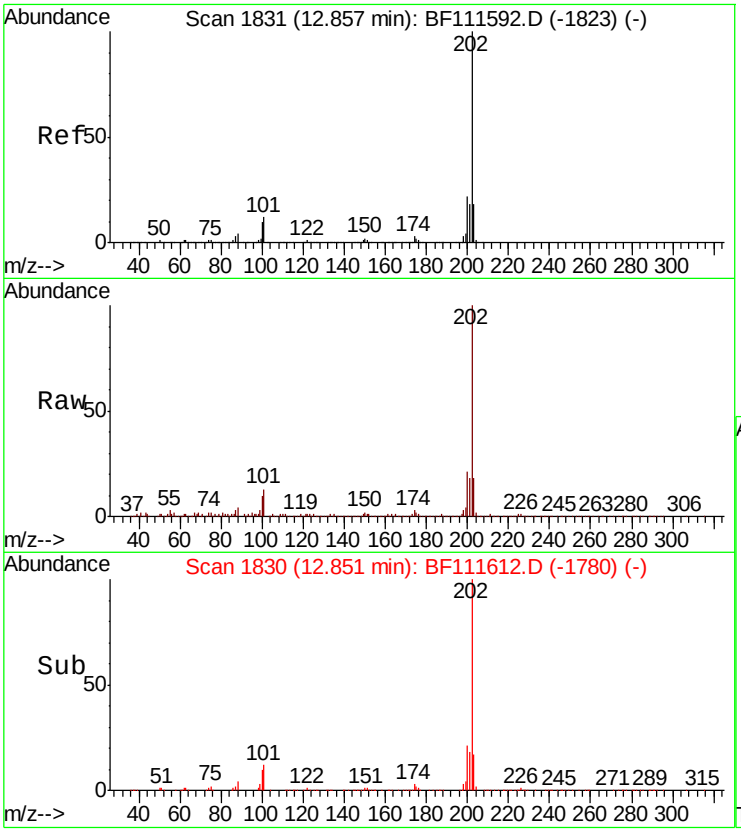


#77
Benzidine
Concen: 0.042 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.03 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:184 Resp: 789

Ion	Ratio	Lower	Upper
184	100		
185	111.0	13.0	19.6#
183	135.1	9.3	13.9#



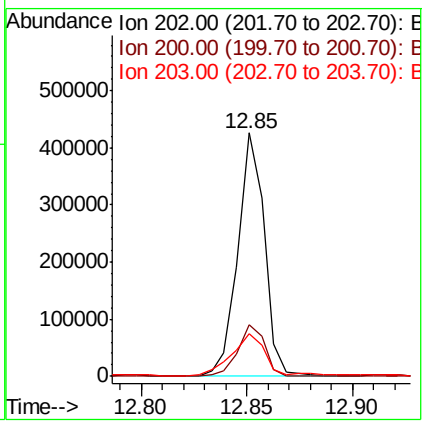


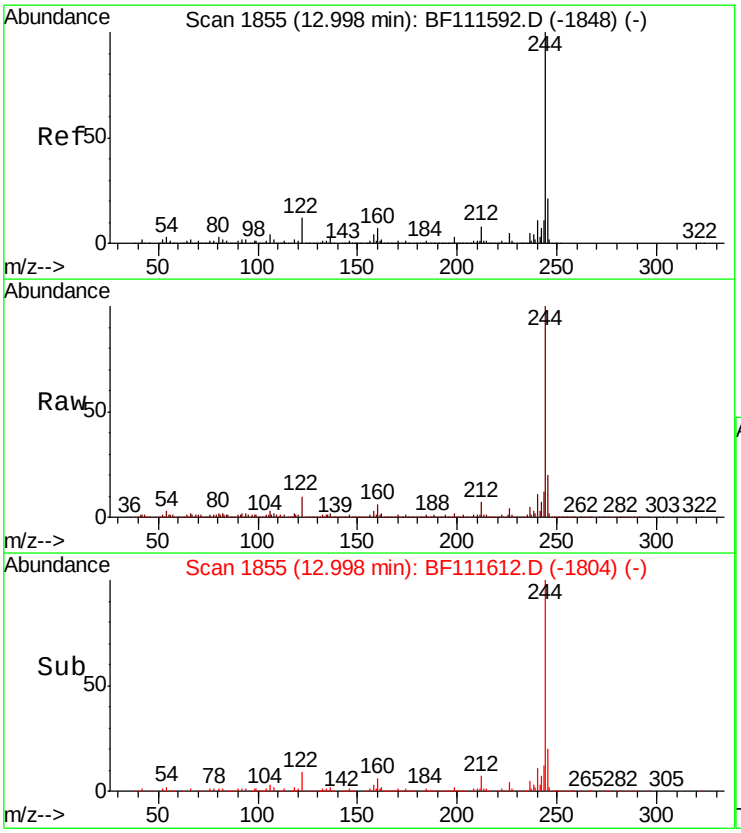
#78
Pyrene
Concen: 10.412 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:202 Resp: 368628

Ion	Ratio	Lower	Upper
202	100		
200	21.0	19.0	28.4
203	17.7	15.2	22.8

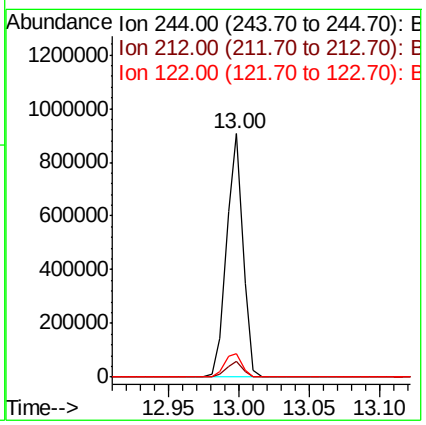


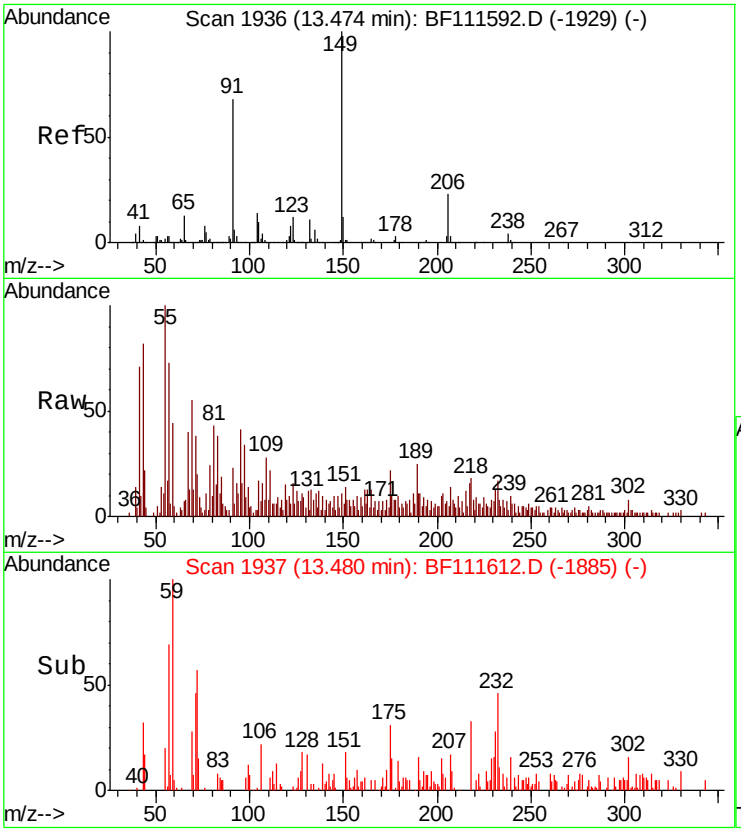


#79
Terphenyl-d14
Concen: 27.561 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:244 Resp: 728657

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	9.5	13.1	19.7#



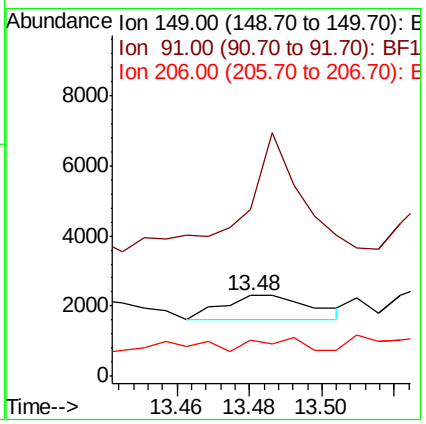


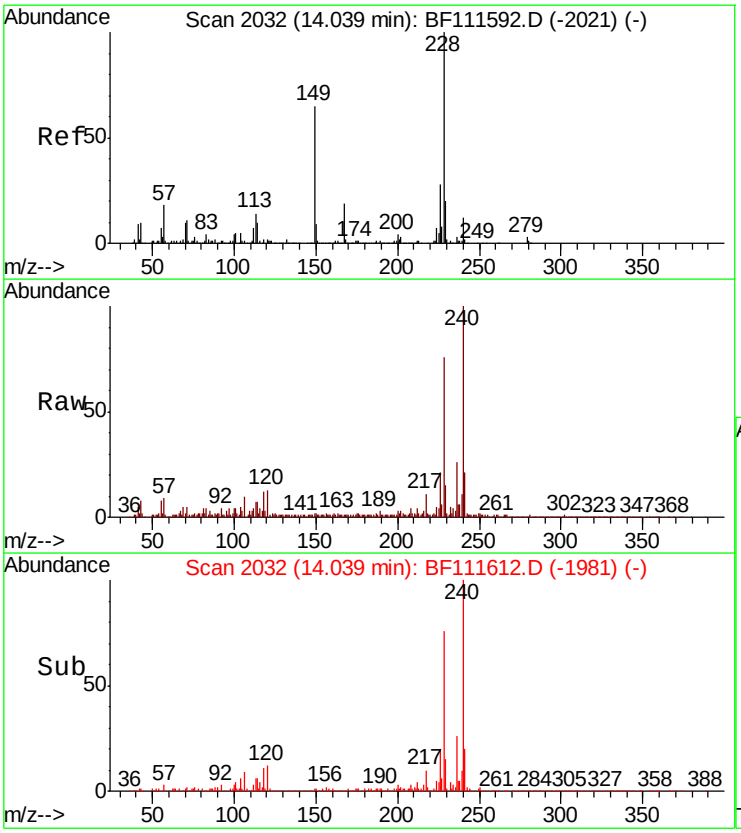
#80
Butylbenzylphthalate
Concen: 0.081 ng
RT: 13.48 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:149 Resp: 1167

Ion	Ratio	Lower	Upper
149	100		
91	206.5	63.8	95.6#
206	44.6	15.1	22.7#

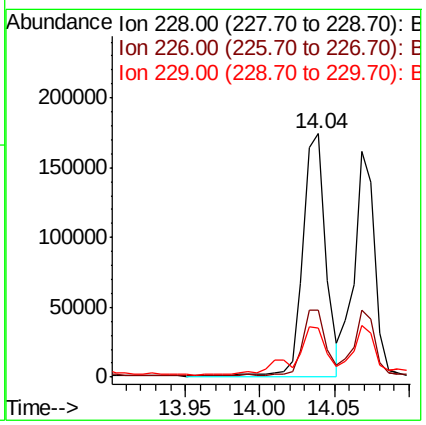


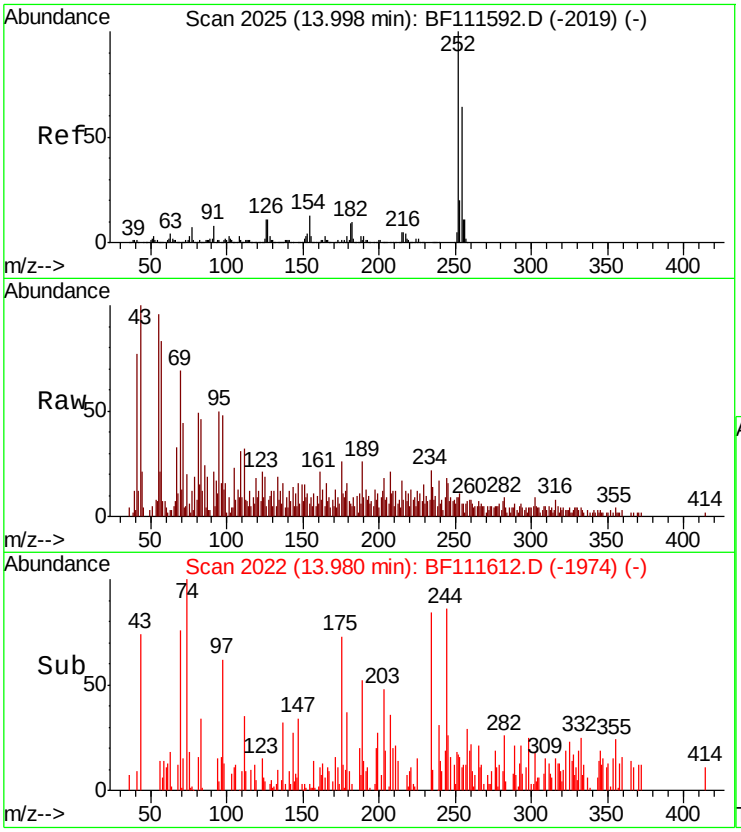


#81
Benzo(a)anthracene
Concen: 6.394 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:228 Resp: 182959

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	20.0	16.3	24.5



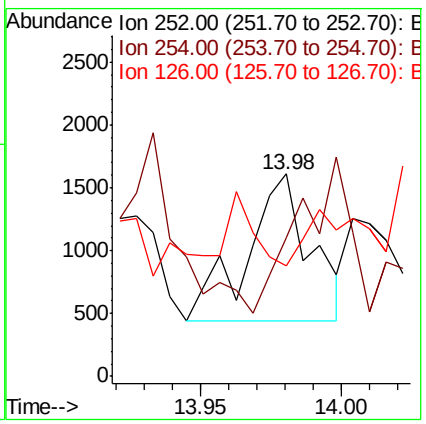


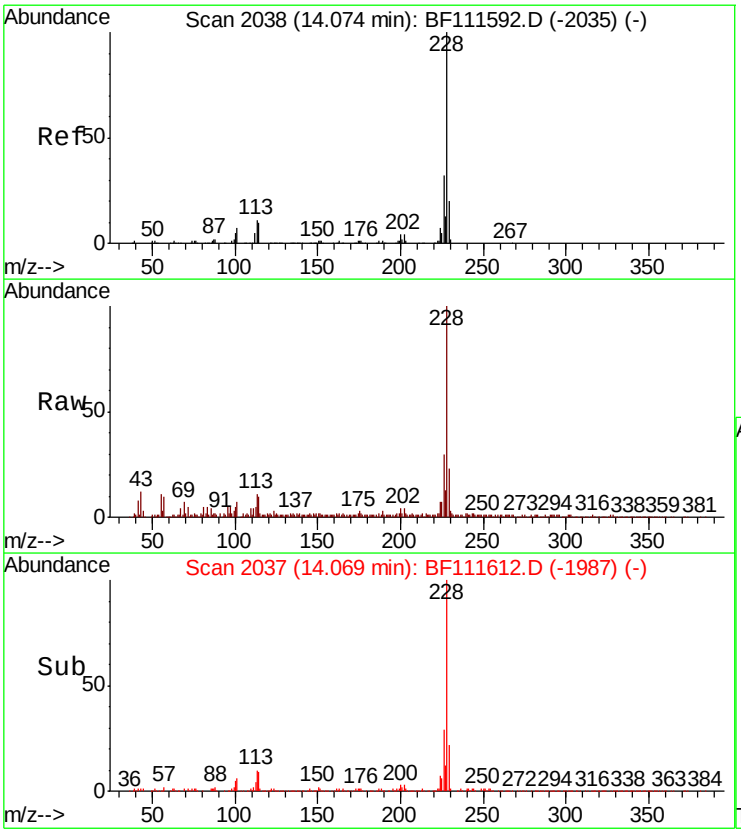
#82
3,3'-Dichlorobenzidine
Concen: 0.161 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:252 Resp: 1824

Ion	Ratio	Lower	Upper
252	100		
254	68.3	52.7	79.1
126	54.5	11.1	16.7#

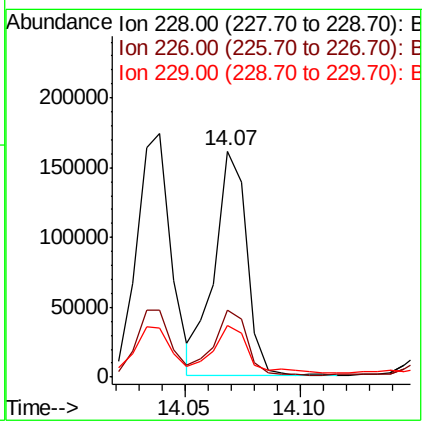


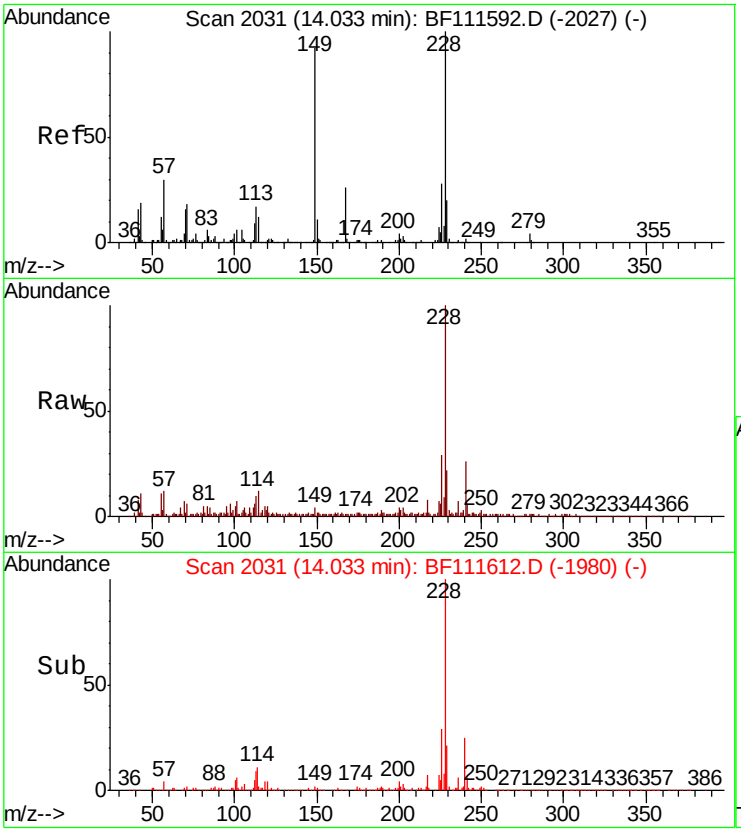


#83
Chrysene
Concen: 5.553 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:228 Resp: 156169

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.3	37.9
229	22.7	17.2	25.8



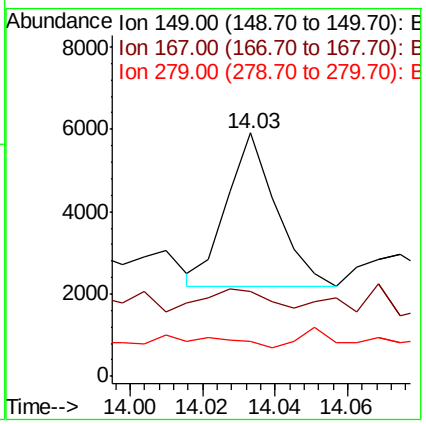


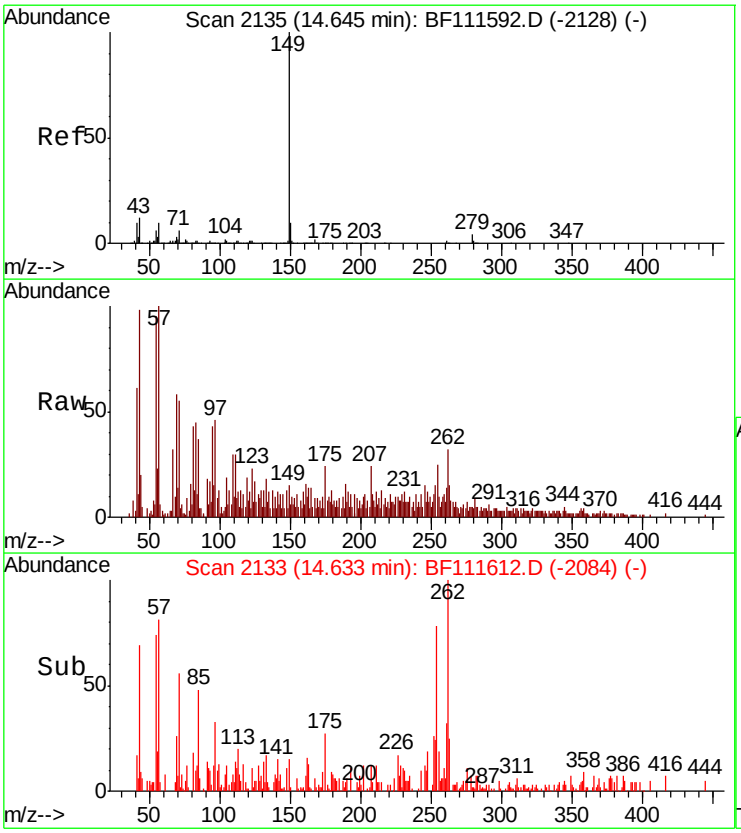
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.196 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:149 Resp: 3561

Ion	Ratio	Lower	Upper
149	100		
167	35.0	22.5	33.7#
279	14.3	2.6	4.0#

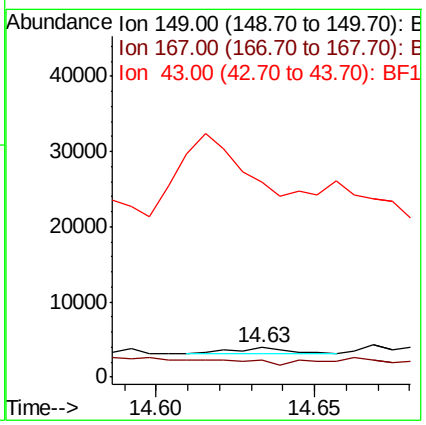


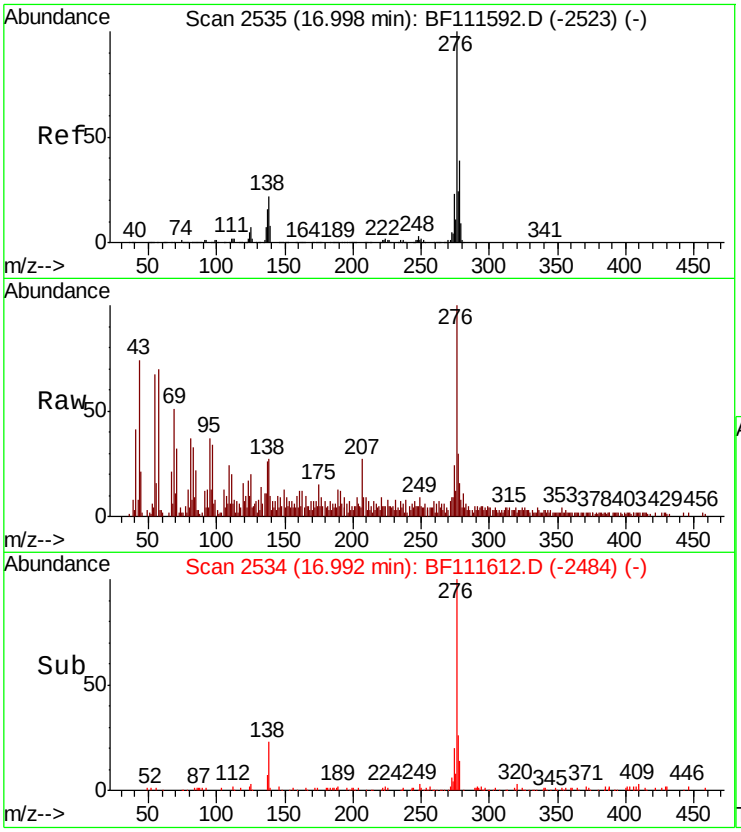


#85
Di-n-octyl phthalate
Concen: 0.039 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:149 Resp: 1096

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	1688.2	10.9	16.3#



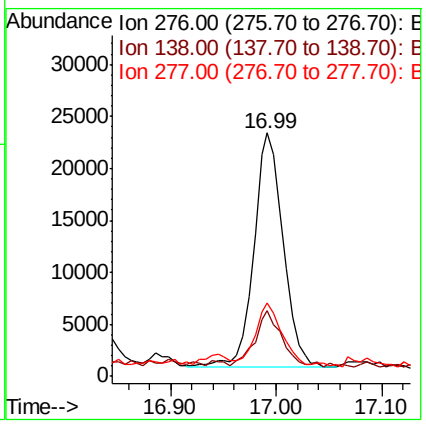


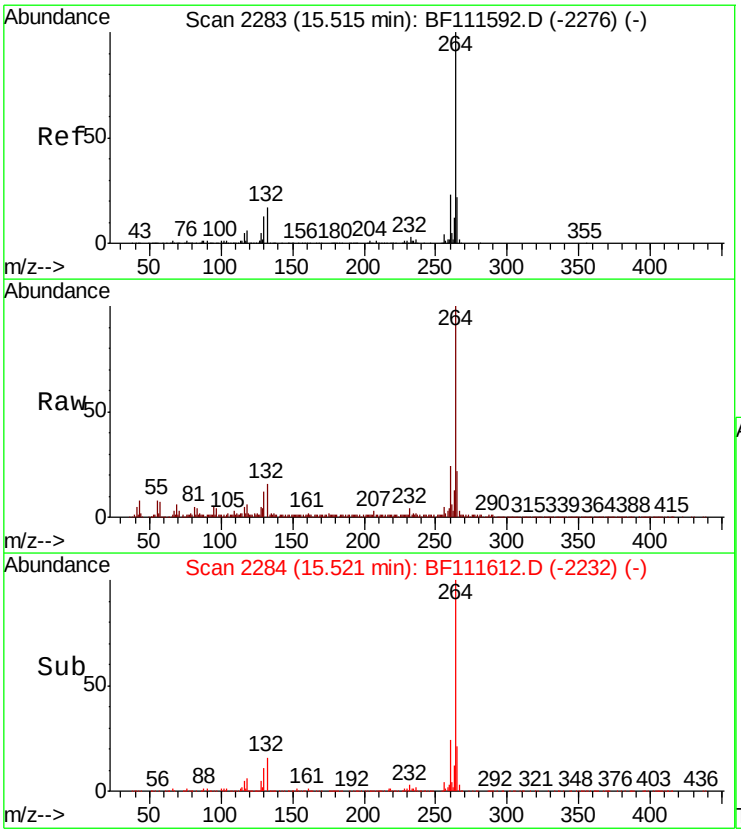
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.814 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:276 Resp: 43365

Ion	Ratio	Lower	Upper
276	100		
138	21.1	27.8	41.6#
277	23.2	20.1	30.1

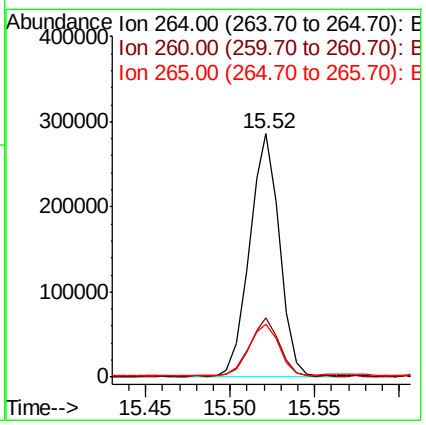


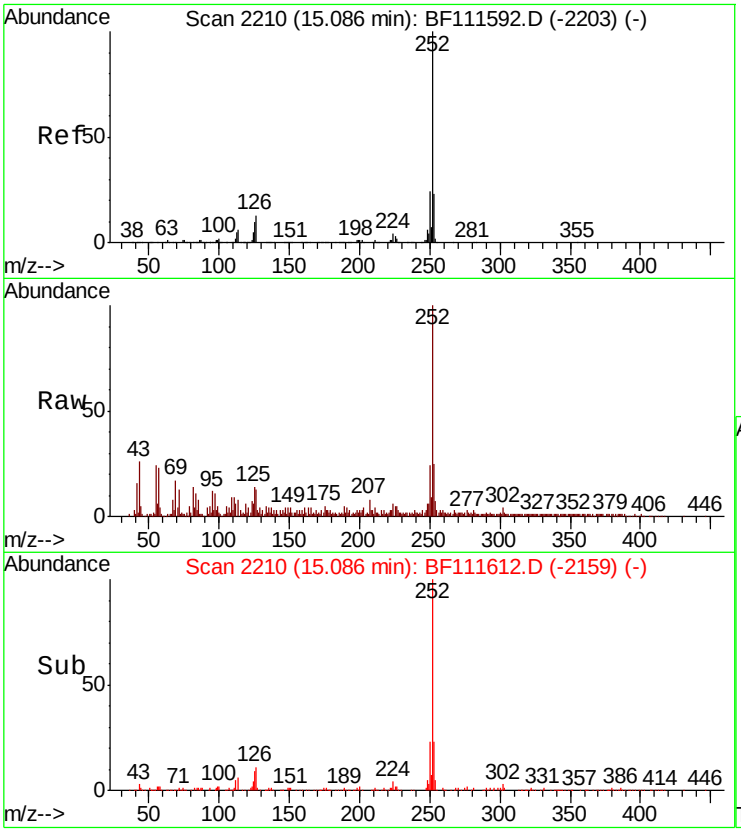


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:264 Resp: 350091

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.9	17.7	26.5



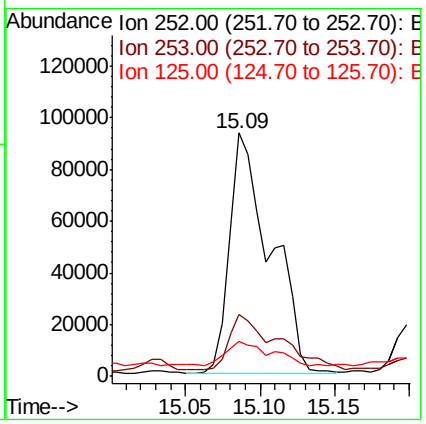


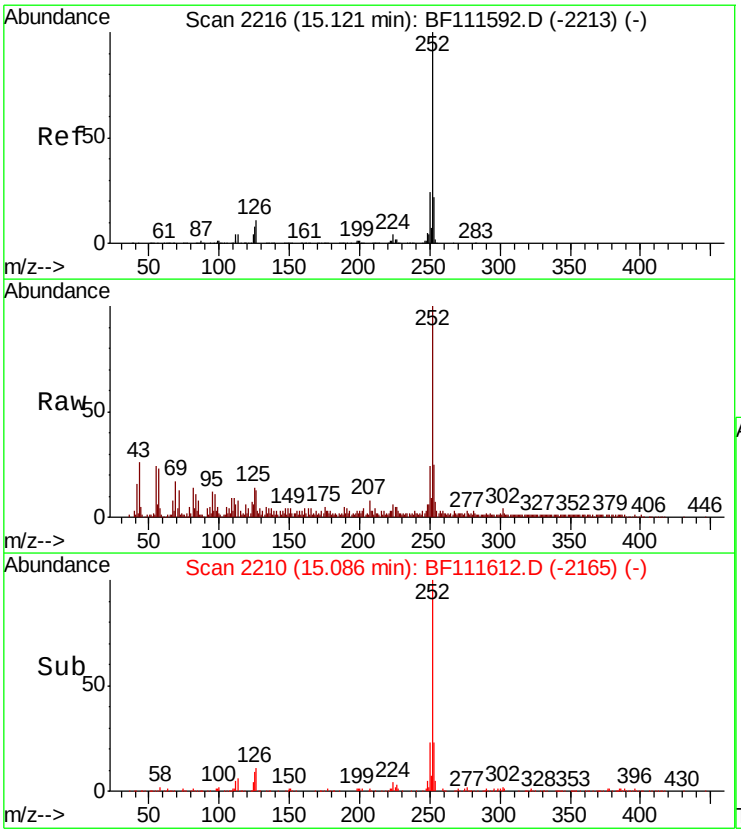
#88
Benzo(b)fluoranthene
Concen: 8.748 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:252 Resp: 178998

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.2	27.2
125	14.3	10.4	15.6

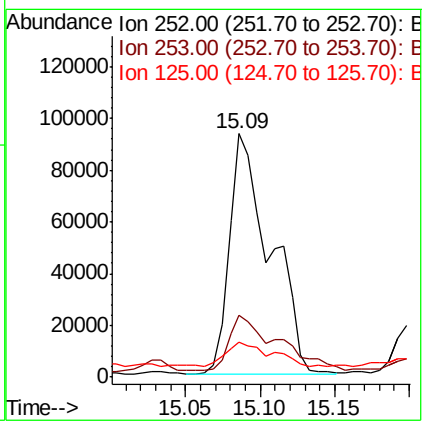


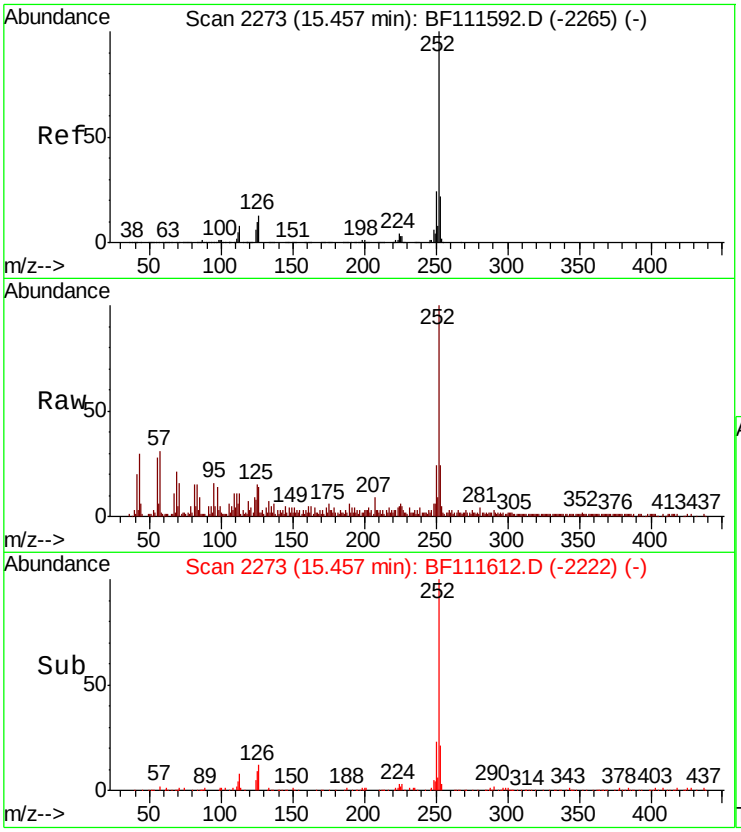


#89
Benzo(k)fluoranthene
Concen: 9.189 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:252 Resp: 178998

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	14.3	9.8	14.8



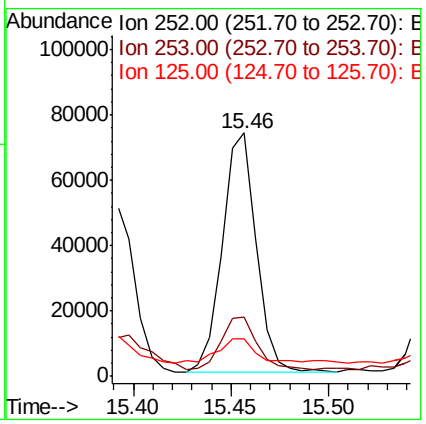


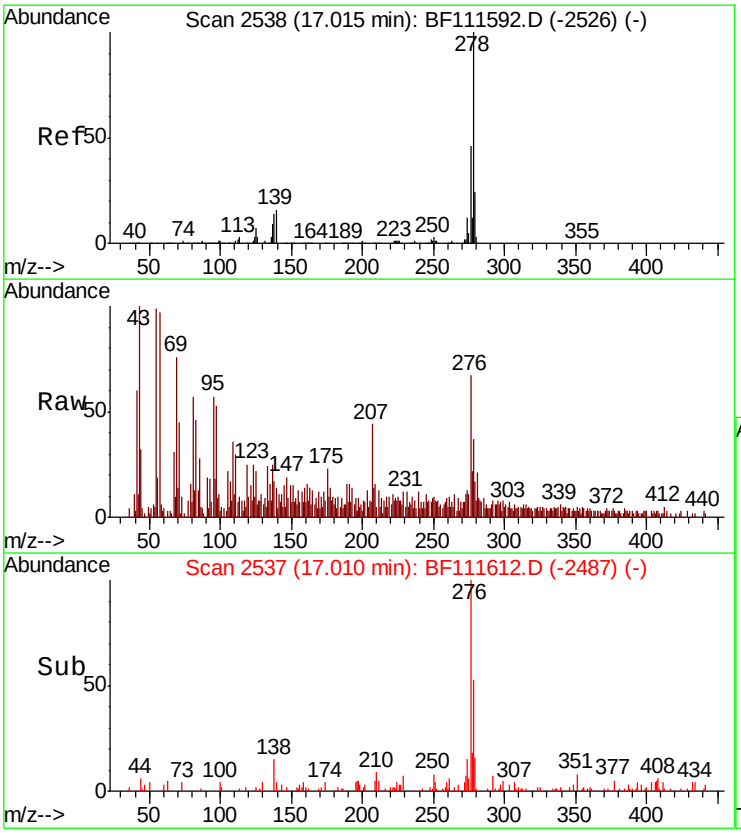
#90
Benzo(a)pyrene
Concen: 4.755 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:252 Resp: 88385

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	15.2	12.3	18.5

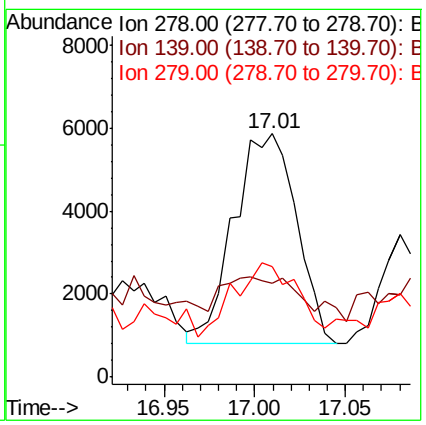


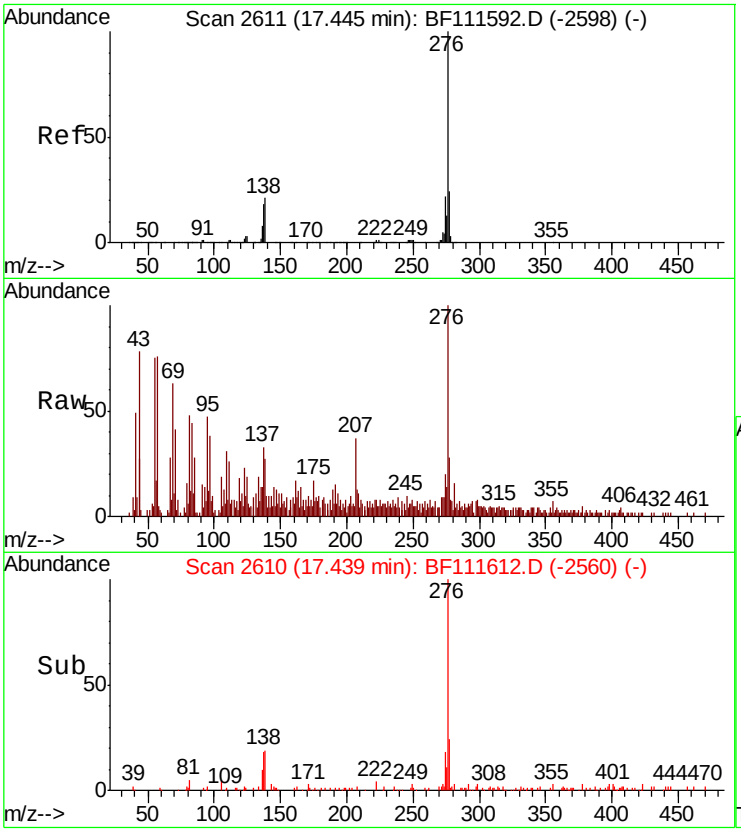


#91
Dibenzo(a,h)anthracene
Concen: 0.748 ng
RT: 17.01 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Tgt Ion:278 Resp: 12181

Ion	Ratio	Lower	Upper
278	100		
139	38.5	18.2	27.4#
279	45.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 2.343 ng
RT: 17.44 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF111612.D
Acq: 20 Dec 2018 1:24

Instrument :
BNA_F
ClientSampleId :
SU-02-121818-A

Tgt Ion:276 Resp: 37240

Ion	Ratio	Lower	Upper
276	100		
277	28.4	19.2	28.8
138	27.3	24.9	37.3