Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111606.D
Acq On : 19 Dec 2018 22:39
Operator : JU/SJ
Sample : J6322-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-6-C-2-120718

Quant Time: Dec 20 03:26:15 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	6.89	152	194890	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	728603	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	366195	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	645082	20.00	ng	0.00
76) Chrysene-d12	14.04	240	518829	20.00	ng	-0.01
87) Perylene-d12	15.52	264	489596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1320306	115.48	ng	0.00
7) Phenol-d6	6.52	99	1695048	116.49	ng	0.00
23) Nitrobenzene-d5	7.45	82	1045985	83.56	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	469900	108.60	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1791595	71.31	ng	0.00
79) Terphenyl-d14	12.99	244	1564097	57.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	111	0.021	ng	# 1
3) Pyridine	3.65	79	113	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.39	42	117	0.017	ng	# 1
6) Aniline	6.53	93	2056	0.111	ng	# 1
8) 2-Chlorophenol	6.68	128	531	0.042	ng	# 52
9) Benzaldehyde	6.52	77	3793	0.379	ng	# 1
10) Phenol	6.53	94	100420	6.116	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	119	0.010	ng	# 19
12) 1,3-Dichlorobenzene	7.05	146	235	0.016	ng	# 1
13) 1,4-Dichlorobenzene	7.05	146	235	0.016	ng	# 1
14) 1,2-Dichlorobenzene	7.05	146	235	0.017	ng	# 1
15) Benzyl Alcohol	7.05	79	17889	1.548	ng	# 40
16) 2,2'-oxybis(1-Chloropropan	7.10	45	108	0.005	ng	72
17) 2-Methylphenol	7.02	107	177	0.017	ng	# 33
19) n-Nitroso-di-n-propylamine	7.45	70	143231	14.822	ng	# 81
20) 3+4-Methylphenols	7.28	107	399	0.031	ng	# 71
22) Acetophenone	7.29	105	784	0.042	ng	# 61
24) Nitrobenzene	7.45	77	3539	0.270	ng	# 36
25) Isophorone	7.45	82	1045758	47.060	ng	# 64
27) 2,4-Dimethylphenol	7.82	122	106	0.010	ng	# 2
28) bis(2-Chloroethoxy)methane	8.19	93	243	0.016	ng	# 48
31) Naphthalene	8.19	128	3989	0.114	ng	94
32) Benzoic acid	7.82	122	106	0.015	ng	# 1
33) 4-Chloroaniline	8.19	127	342	0.023	ng	# 32
37) 2-Methylnaphthalene	8.99	142	1381	0.061	ng	96
38) 1-Methylnaphthalene	8.99	142	1381	0.063	ng	# 99
46) 1,1'-Biphenyl	9.35	154	4663	0.151	ng	90
47) 2-Chloronaphthalene	9.64	162	956	0.039	ng	# 1
48) 2-Nitroaniline	9.64	65	1426	0.224	ng	# 1
49) Acenaphthylene	9.79	152	2589	0.072	ng	# 96
50) Dimethylphthalate	9.64	163	142468	5.320	ng	97
51) 2,6-Dinitrotoluene	9.93	165	46818	8.768	ng	# 29
52) Acenaphthene	9.96	154	7365	0.334	ng	95
53) 3-Nitroaniline	10.13	138	113	0.020	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111606.D
Acq On : 19 Dec 2018 22:39
Operator : JU/SJ
Sample : J6322-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-6-C-2-120718

Quant Time: Dec 20 03:26:15 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)
55) Dibenzofuran	10.13	168	3995	0.120	ng		97
56) 4-Nitrophenol	10.13	139	1736	0.399	ng	#	8
57) 2,4-Dinitrotoluene	9.93	165	46818	7.295	ng	#	25
58) Fluorene	10.47	166	7179	0.299	ng		97
60) Diethylphthalate	10.34	149	1223	0.047	ng	#	58
63) Azobenzene	10.63	77	997	0.038	ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.72	198	802	6.952	ng	#	1
66) n-Nitrosodiphenylamine	10.71	169	13348	0.616	ng	#	44
67) 4-Bromophenyl-phenylether	10.72	248	29630	3.703	ng	#	1
71) Phenanthrene	11.43	178	123809	3.619	ng		93
72) Anthracene	11.43	178	123809	3.605	ng		95
73) Carbazole	11.63	167	15901	0.477	ng		95
74) Di-n-butylphthalate	11.97	149	3524	0.094	ng	#	73
75) Fluoranthene	12.62	202	163414	4.717	ng		95
77) Benzidine	12.99	184	20023	1.026	ng	#	90
78) Pyrene	12.85	202	132510	3.617	ng		95
80) Butylbenzylphthalate	13.47	149	855	0.057	ng	#	81
81) Benzo(a)anthracene	14.03	228	70159	2.369	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	243	0.021	ng	#	1
83) Chrysene	14.07	228	64365	2.212	ng		96
84) Bis(2-ethylhexyl)phthalate	14.03	149	7741	0.411	ng		95
85) Di-n-octyl phthalate	14.64	149	766	0.026	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.98	276	23902	0.966	ng	#	83
88) Benzo(b)fluoranthene	15.08	252	100457	3.511	ng		97
89) Benzo(k)fluoranthene	15.08	252	100457	3.688	ng		98
90) Benzo(a)pyrene	15.44	252	50877	1.957	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	7921	0.348	ng	#	91
92) Benzo(g,h,i)perylene	17.42	276	22982	1.034	ng	#	83

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111606.D
Acq On : 19 Dec 2018 22:39
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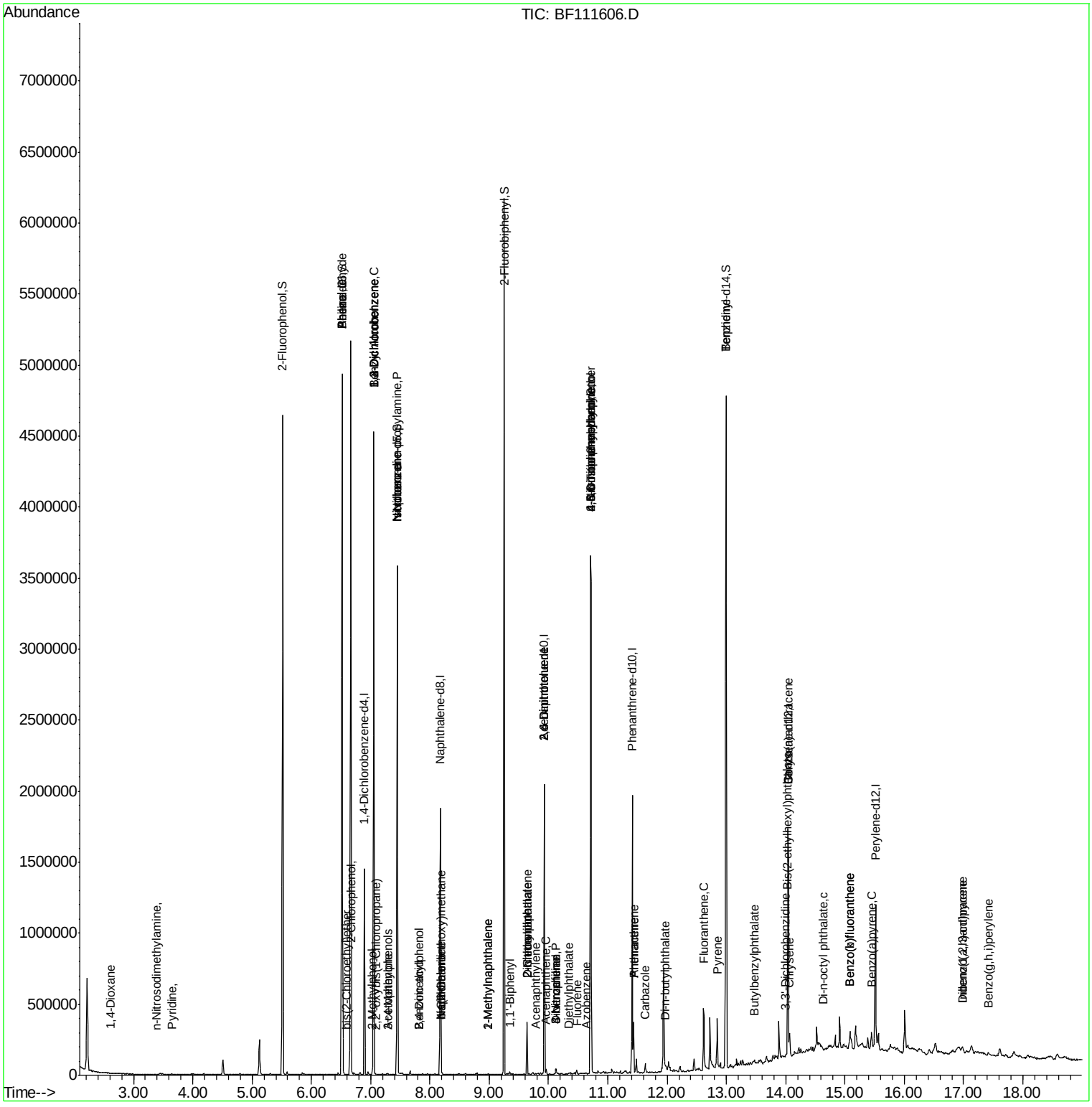
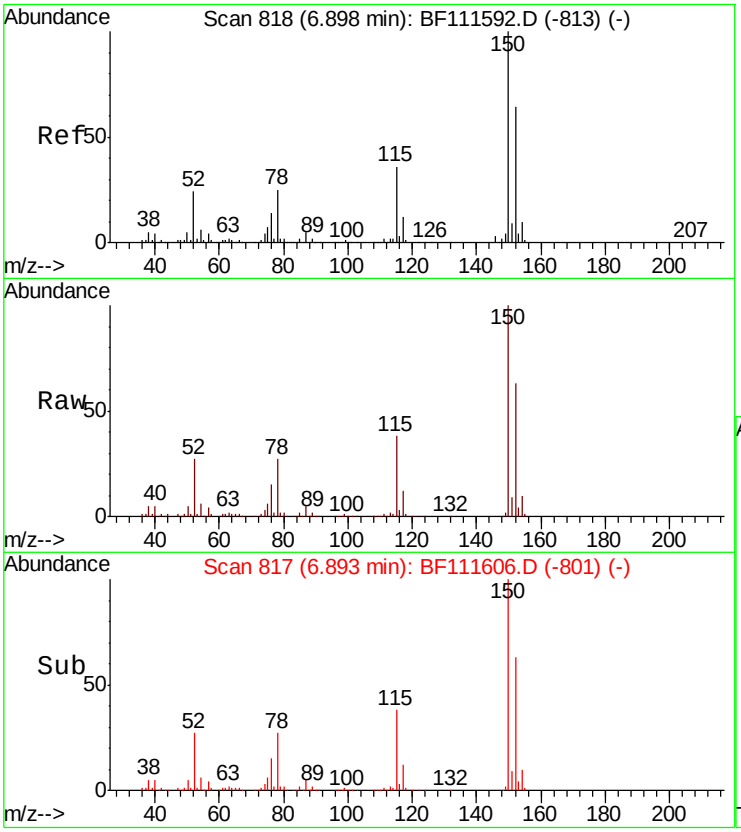
Sample : J6322-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Quant Time: Dec 20 03:26:15 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



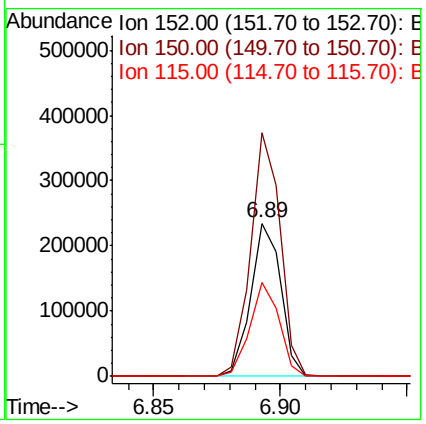


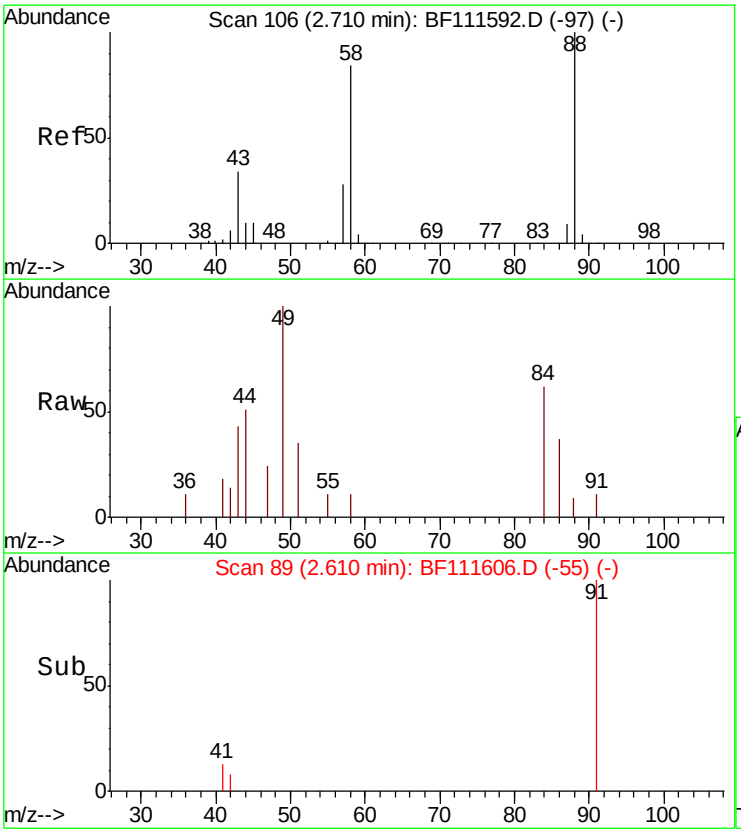
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:152 Resp: 194890

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.6	189.8
115	61.1	50.7	76.1

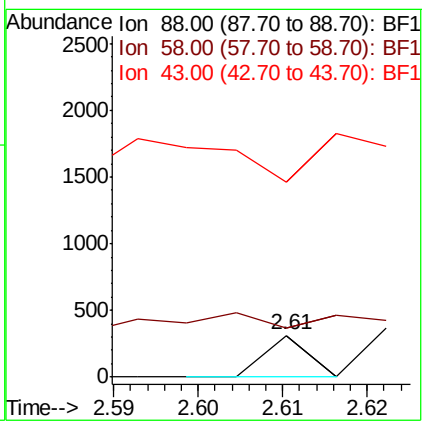


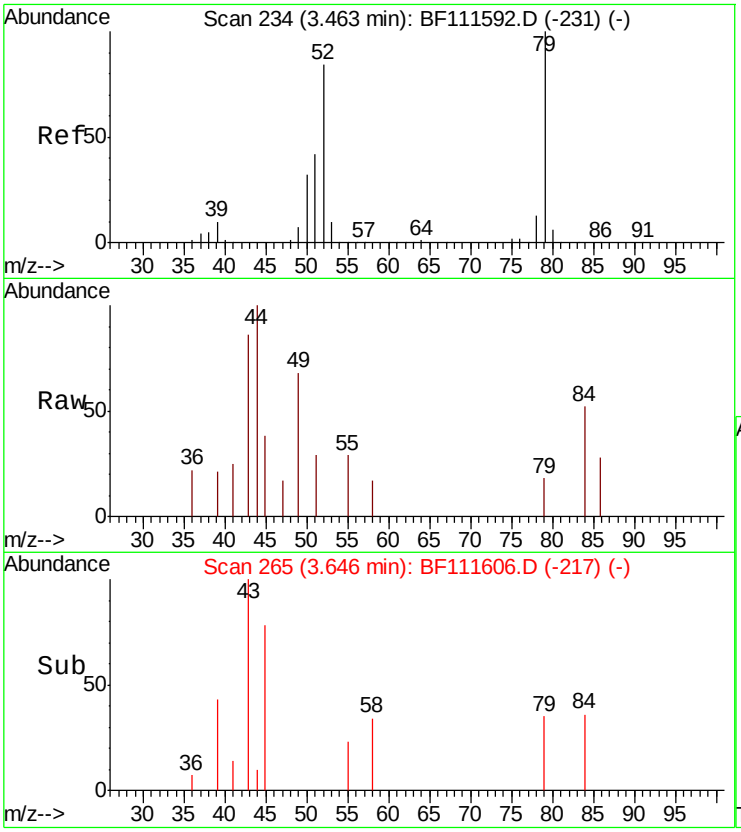


#2
1,4-Dioxane
Concen: 0.021 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.10 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 88 Resp: 111

Ion	Ratio	Lower	Upper
88	100		
58	0.0	68.9	103.3#
43	370.3	25.8	38.6#



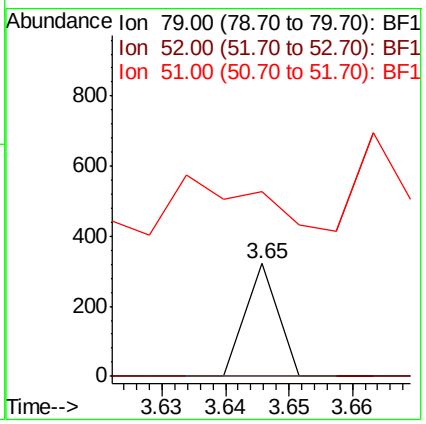


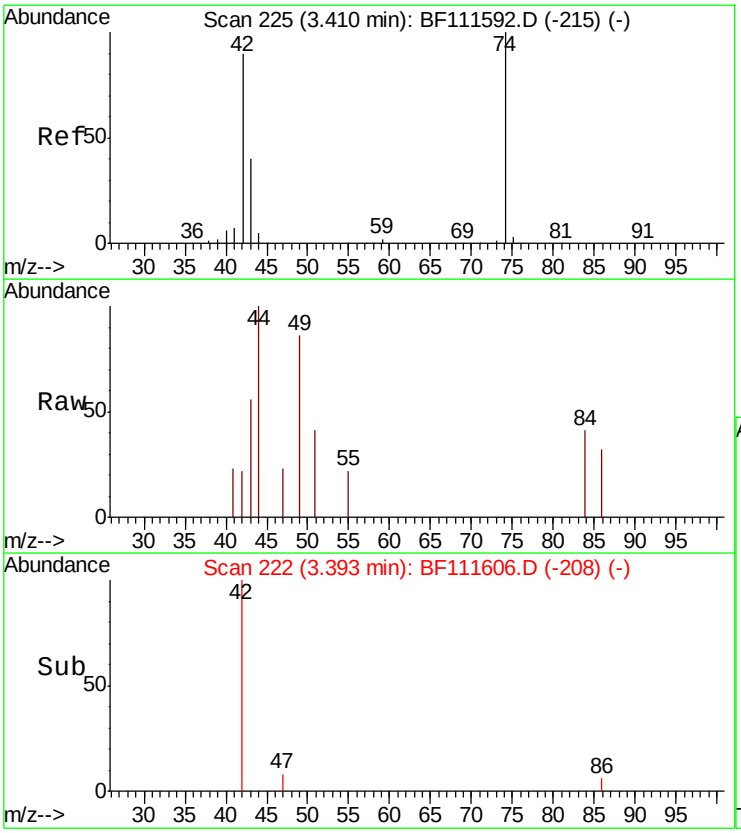
#3
Pyridine
Concen: 0.008 ng
RT: 3.65 min Scan# 265
Delta R.T. 0.18 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 79 Resp: 113

Ion	Ratio	Lower	Upper
79	100		
52	0.0	68.3	102.5#
51	164.5	32.6	49.0#

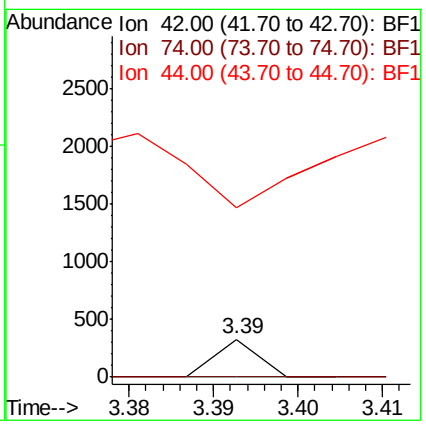


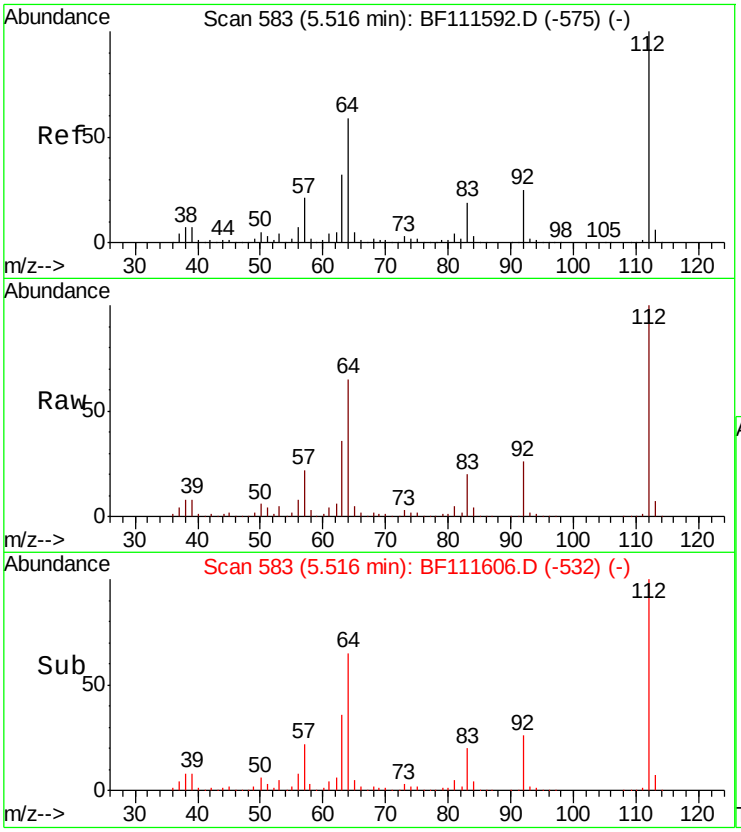


#4
n-Nitrosodimethylamine
Concen: 0.017 ng
RT: 3.39 min Scan# 222
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 42 Resp: 117

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.5	152.3#
44	445.3	6.0	9.0#



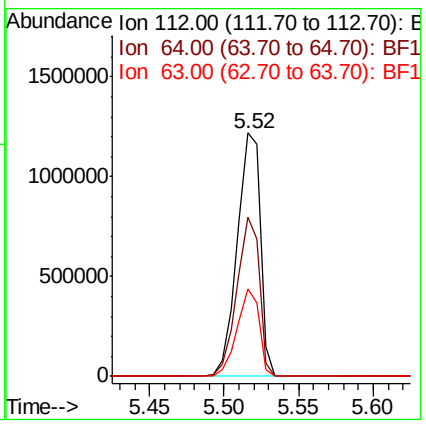


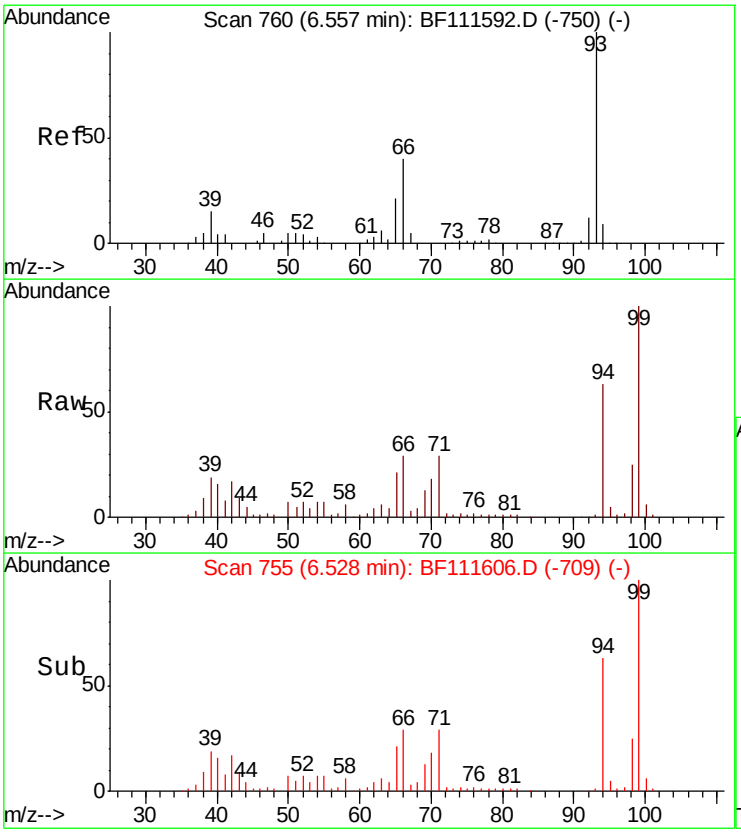
#5
2-Fluorophenol
Concen: 115.476 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:112 Resp: 1320306

Ion	Ratio	Lower	Upper
112	100		
64	65.3	51.8	77.6
63	35.7	26.8	40.2

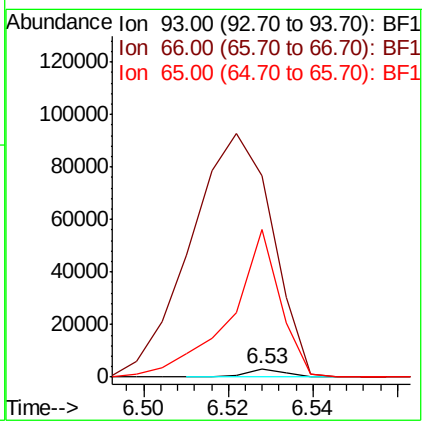


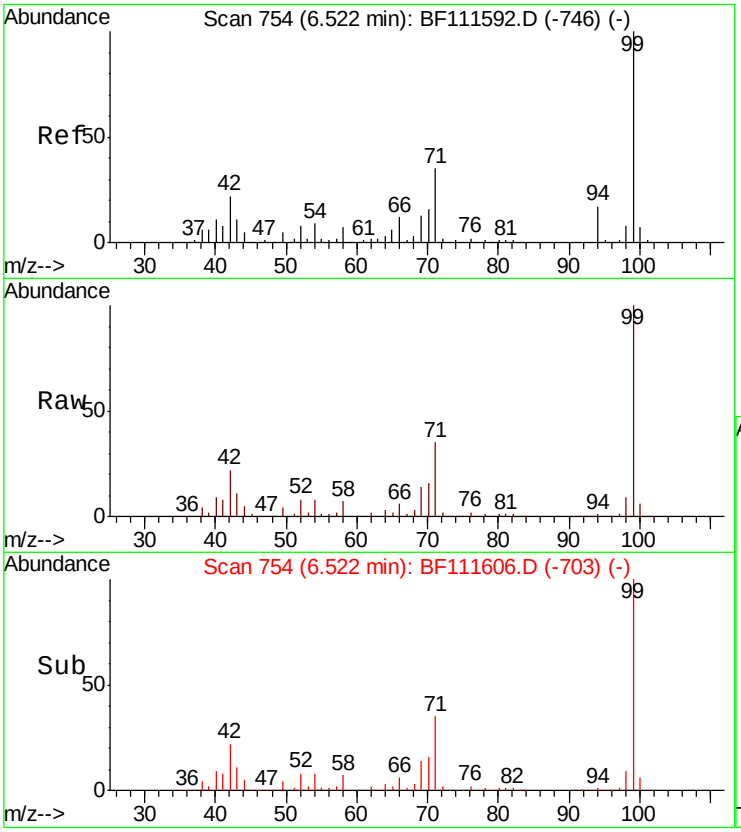


#6
Aniline
Concen: 0.111 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.03 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 93 Resp: 2056

Ion	Ratio	Lower	Upper
93	100		
66	2336.7	33.2	49.8#
65	1711.5	17.0	25.4#



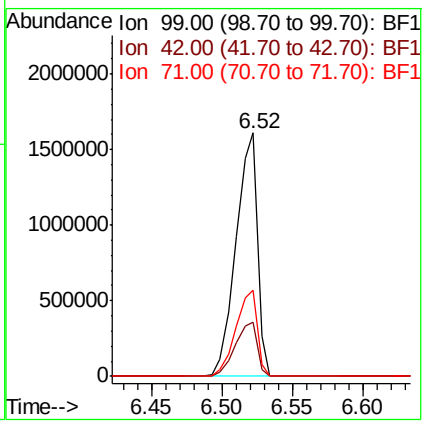


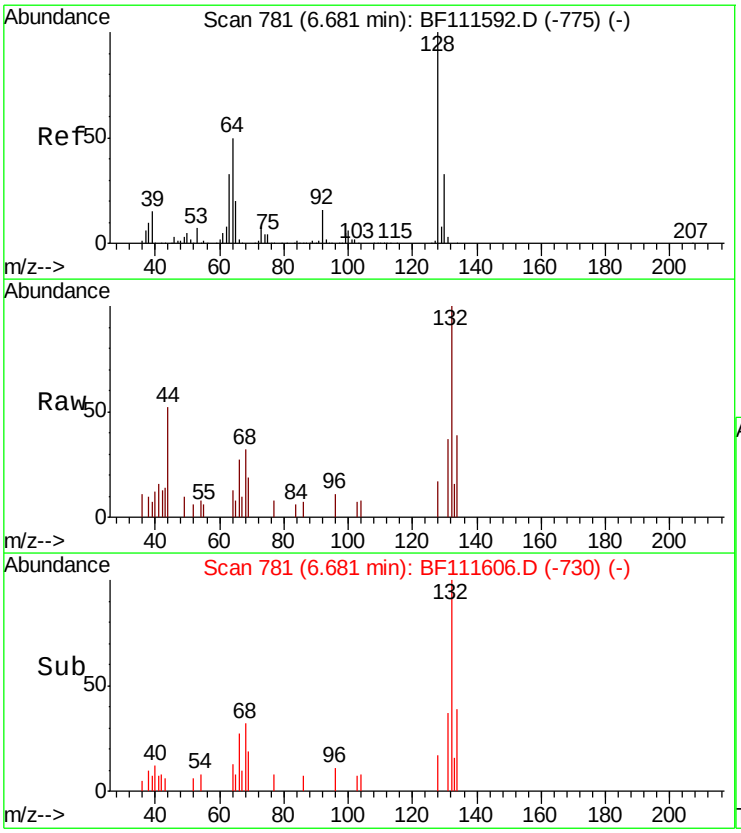
#7
Phenol-d6
Concen: 116.490 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 99 Resp: 1695048

Ion	Ratio	Lower	Upper
99	100		
42	22.2	17.4	26.0
71	35.3	26.1	39.1

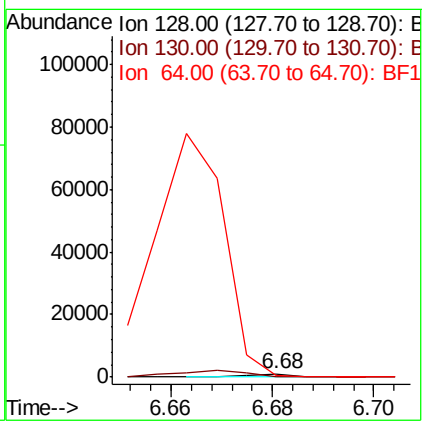


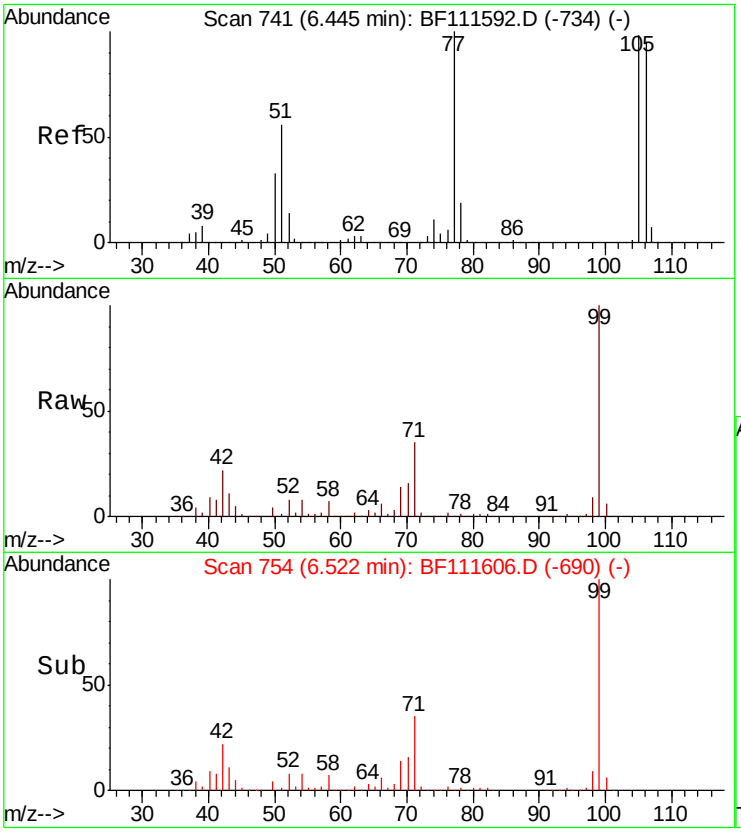


#8
2-Chlorophenol
Concen: 0.042 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:128 Resp: 531

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.7	52.7#
64	78.5	30.0	70.0#



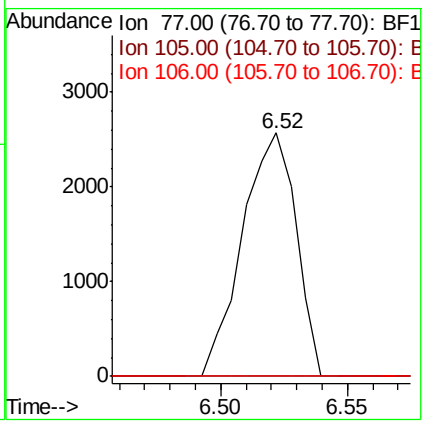


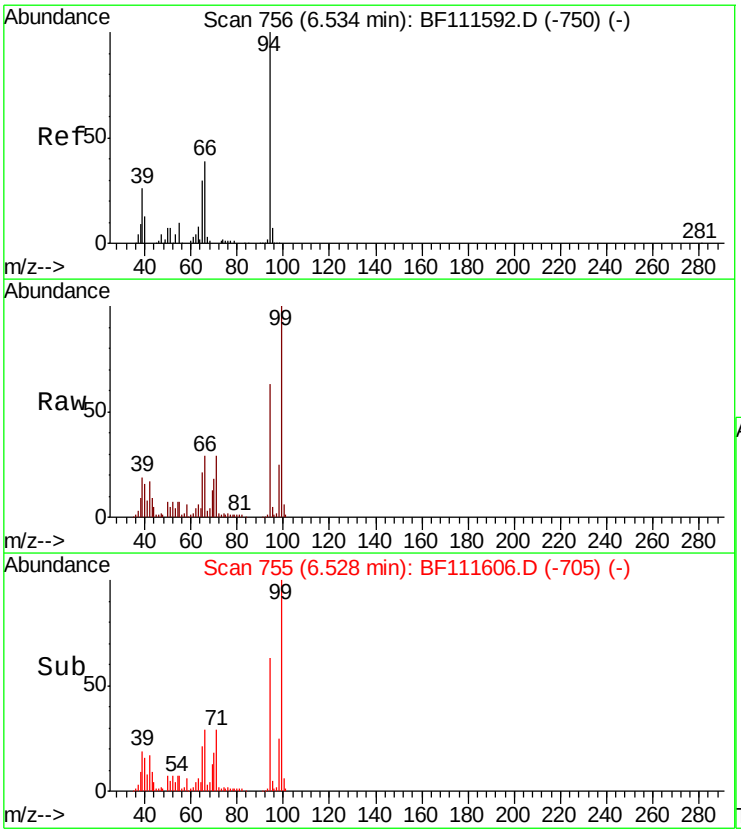
#9
Benzaldehyde
Concen: 0.379 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 77 Resp: 3793

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

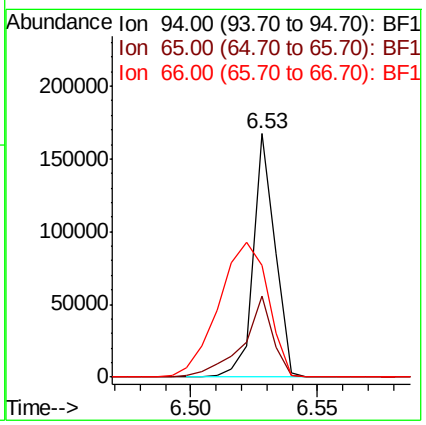


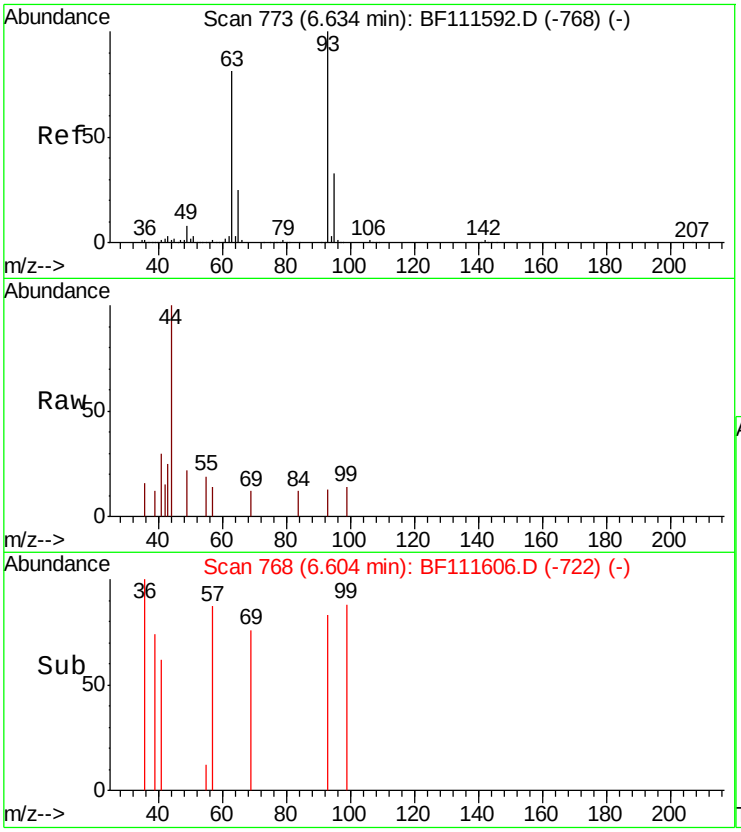


#10
Phenol
Concen: 6.116 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 94 Resp: 100420

Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.7	51.7
66	45.7	21.0	61.0



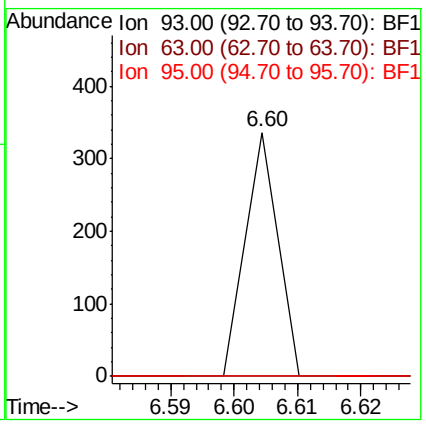


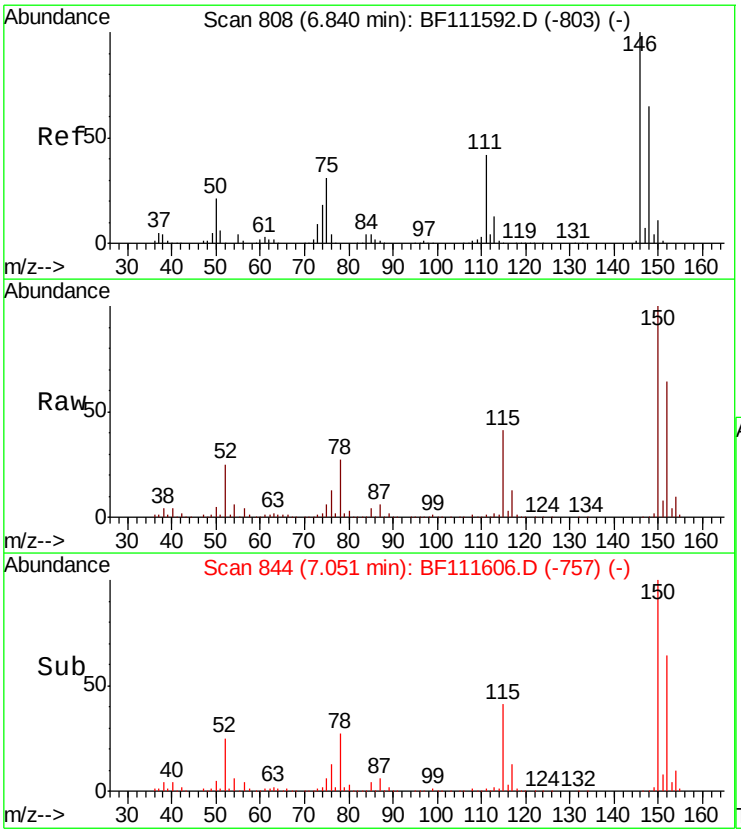
#11
bis(2-Chloroethyl)ether
Concen: 0.010 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.03 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 93 Resp: 119

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

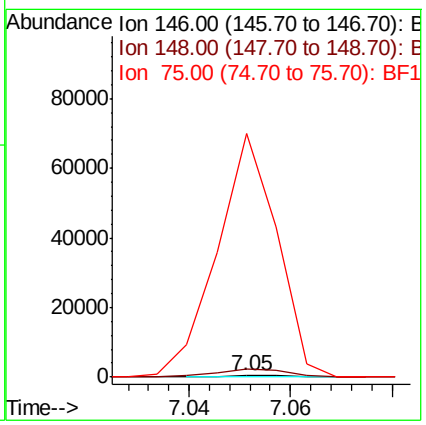


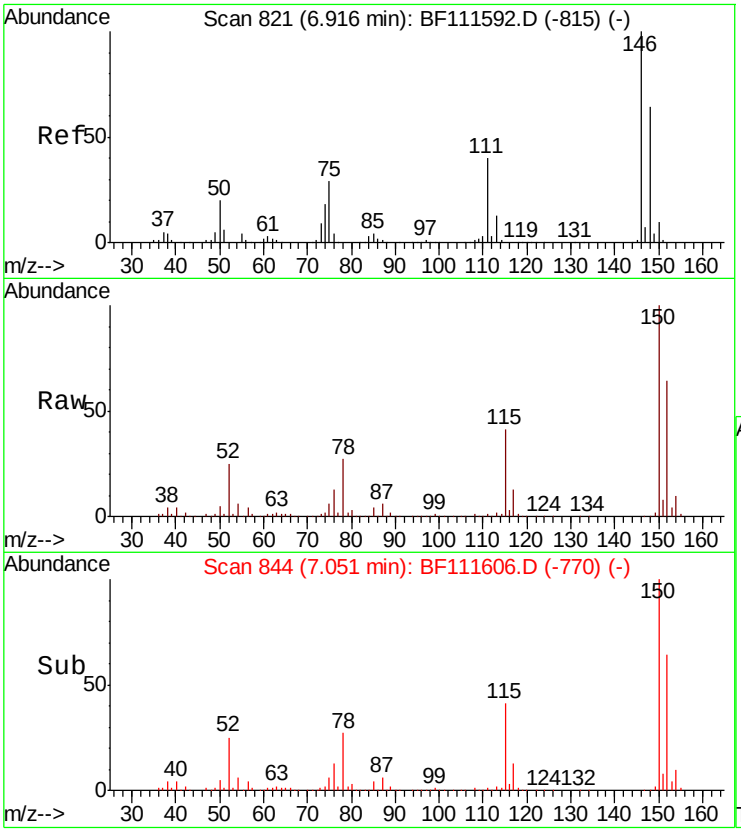


#12
1,3-Dichlorobenzene
Concen: 0.016 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.21 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:146 Resp: 235

Ion	Ratio	Lower	Upper
146	100		
148	630.3	52.1	78.1#
75	19651.7	23.9	35.9#



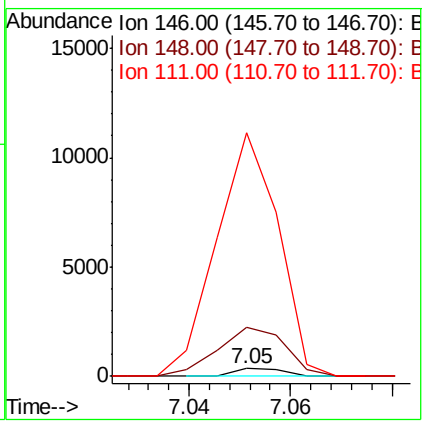


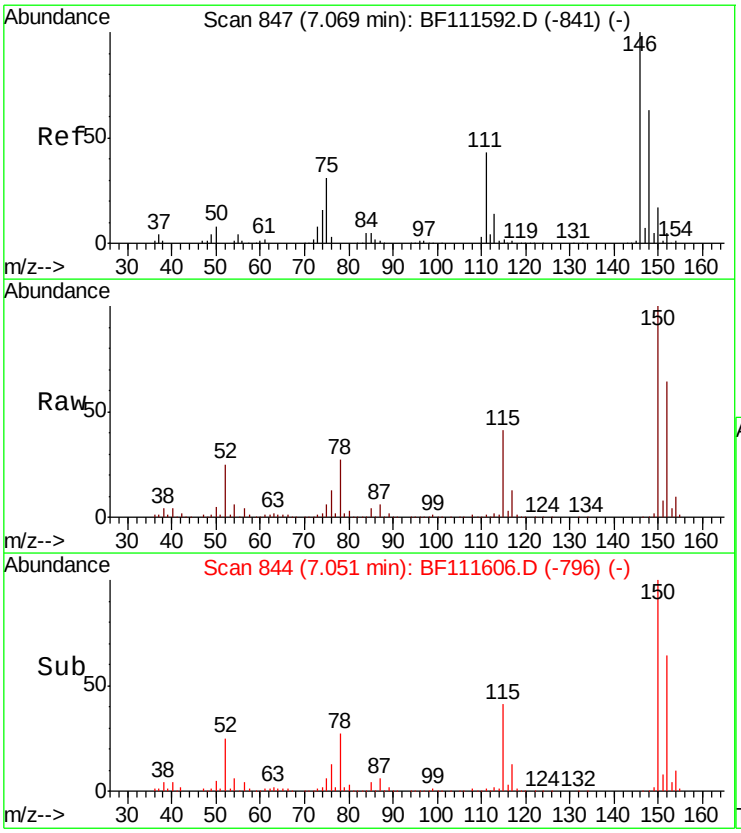
#13
1,4-Dichlorobenzene
Concen: 0.016 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.14 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:146 Resp: 235

Ion	Ratio	Lower	Upper
146	100		
148	630.3	52.8	79.2#
111	3128.1	33.4	50.0#

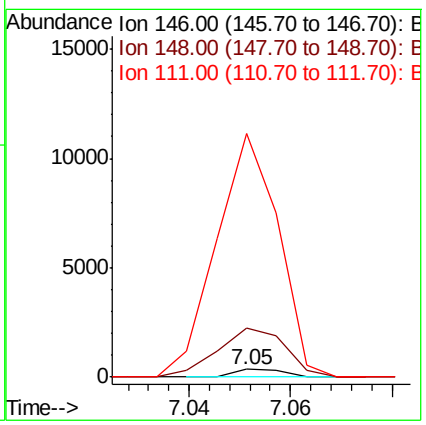


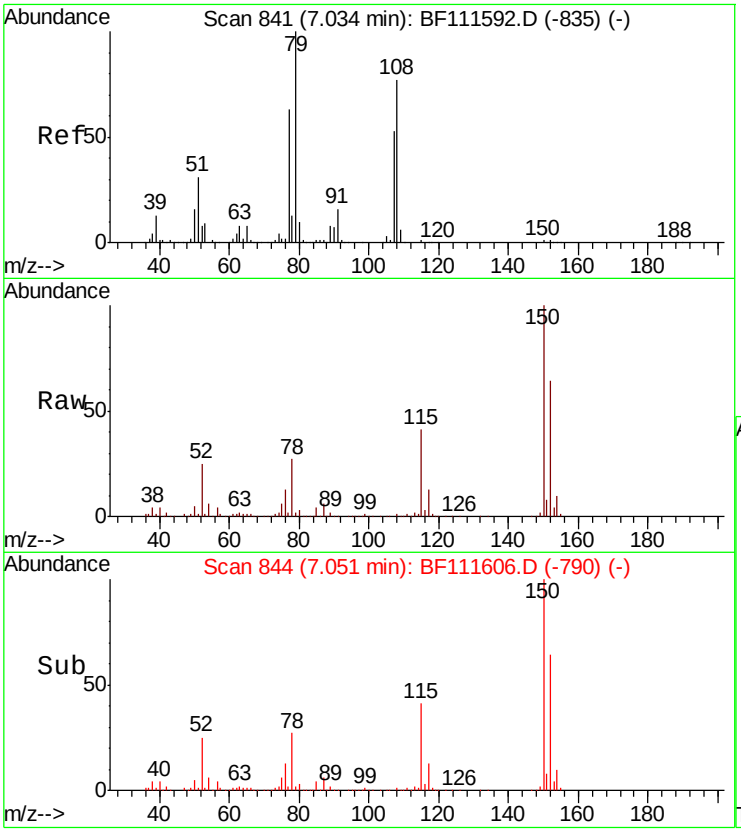


#14
1,2-Dichlorobenzene
Concen: 0.017 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:146 Resp: 235

Ion	Ratio	Lower	Upper
146	100		
148	630.3	51.9	77.9#
111	3128.1	36.2	54.4#



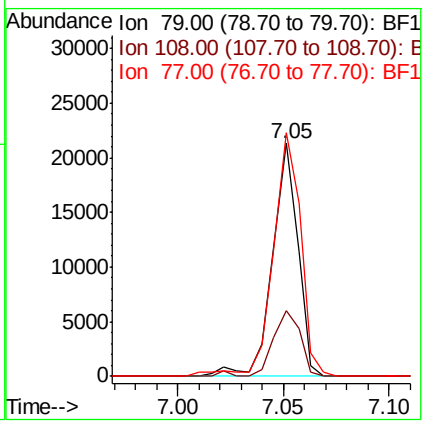


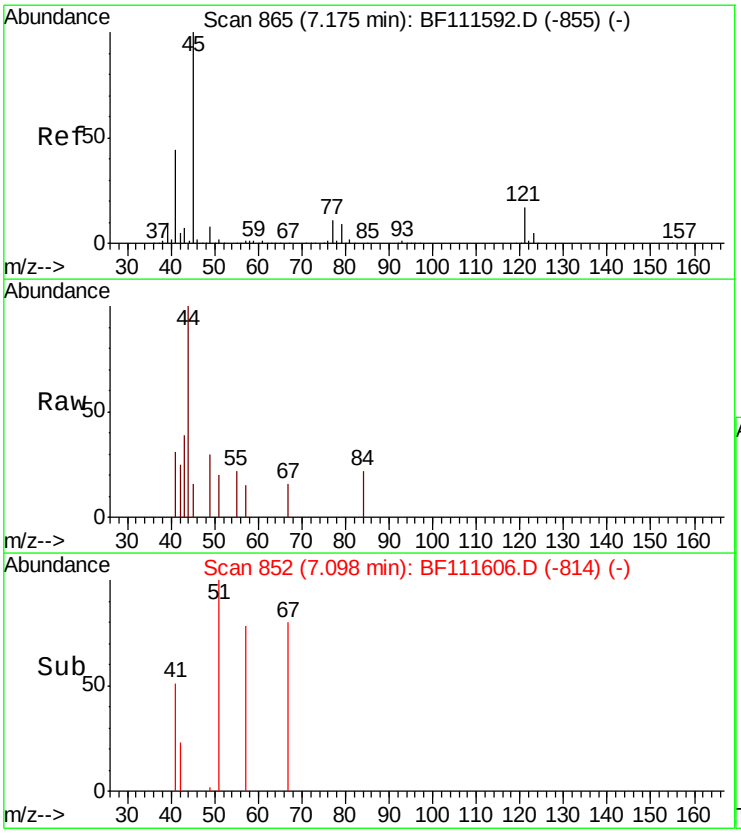
#15
Benzyl Alcohol
Concen: 1.548 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 79 Resp: 17889

Ion	Ratio	Lower	Upper
79	100		
108	28.2	69.4	104.2#
77	104.6	49.7	74.5#

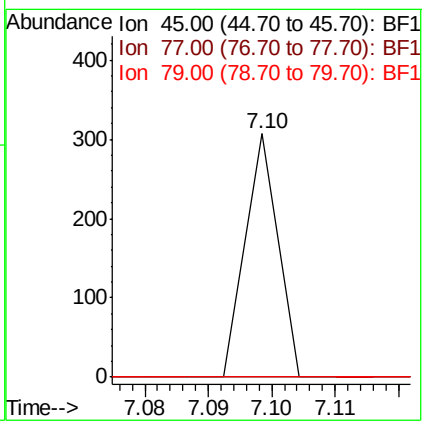


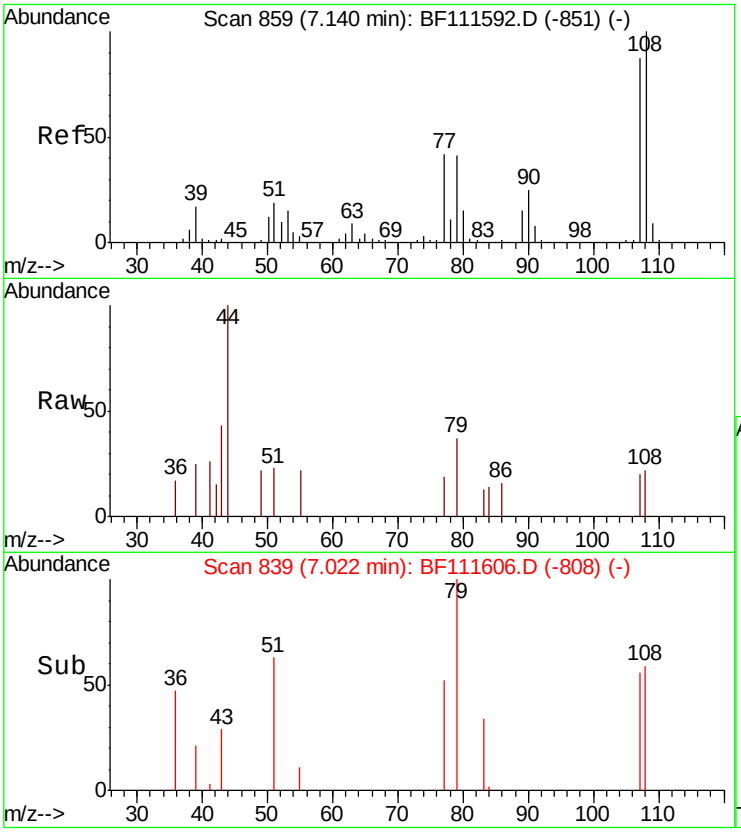


#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.005 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.08 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 45 Resp: 108

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



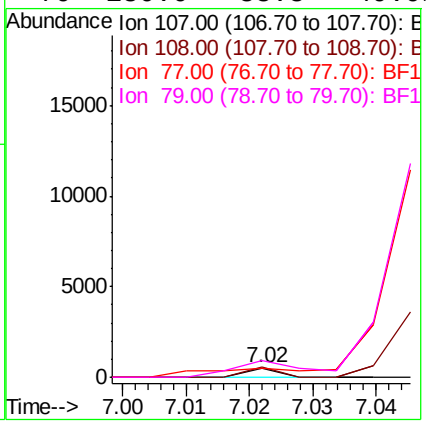


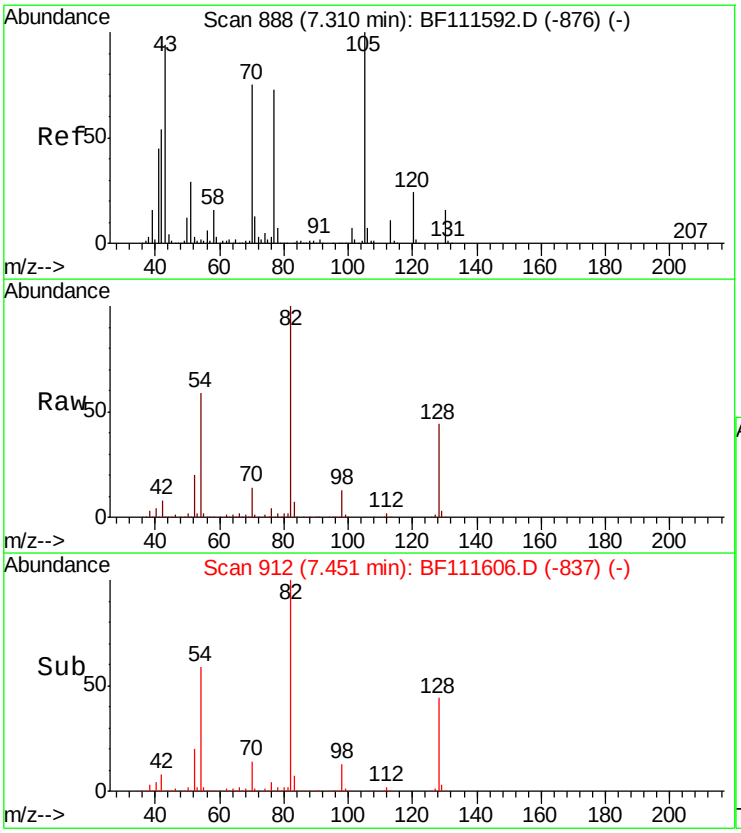
#17
2-Methylphenol
Concen: 0.017 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.12 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:107 Resp: 177

Ion	Ratio	Lower	Upper
107	100		
108	107.0	91.0	136.4
77	93.2	33.5	50.3#
79	180.0	33.3	49.9#

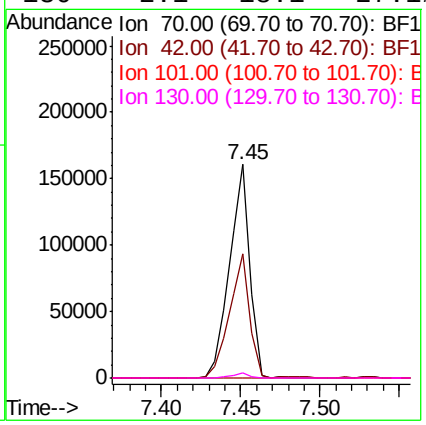


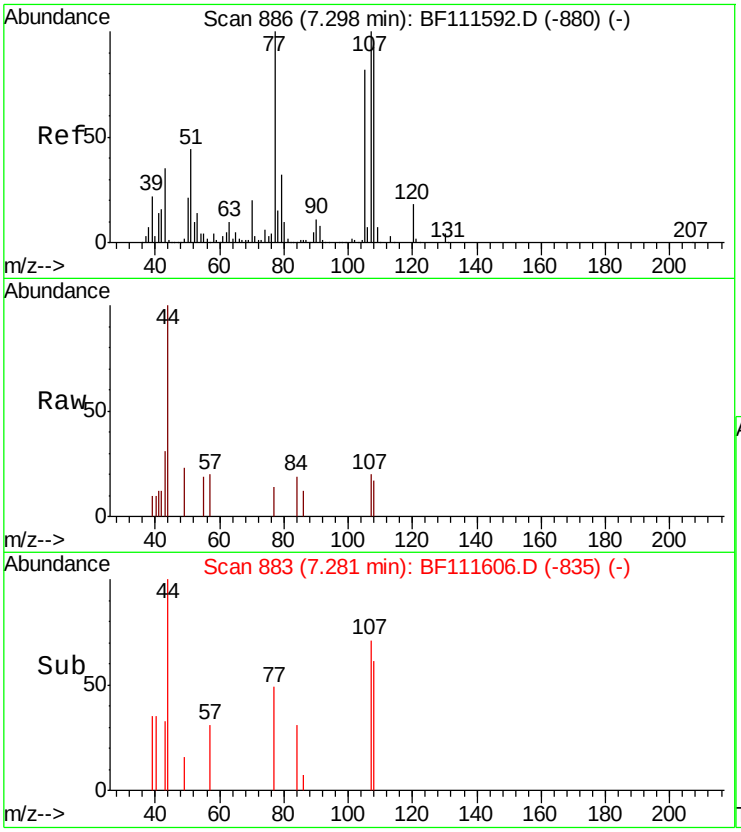


#19
n-Nitroso-di-n-propylamine
Concen: 14.822 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 70 Resp: 143231

Ion	Ratio	Lower	Upper
70	100		
42	58.2	53.2	79.8
101	0.0	8.2	12.4#
130	2.1	18.1	27.1#



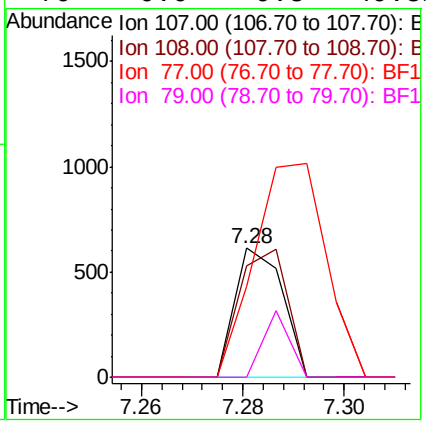


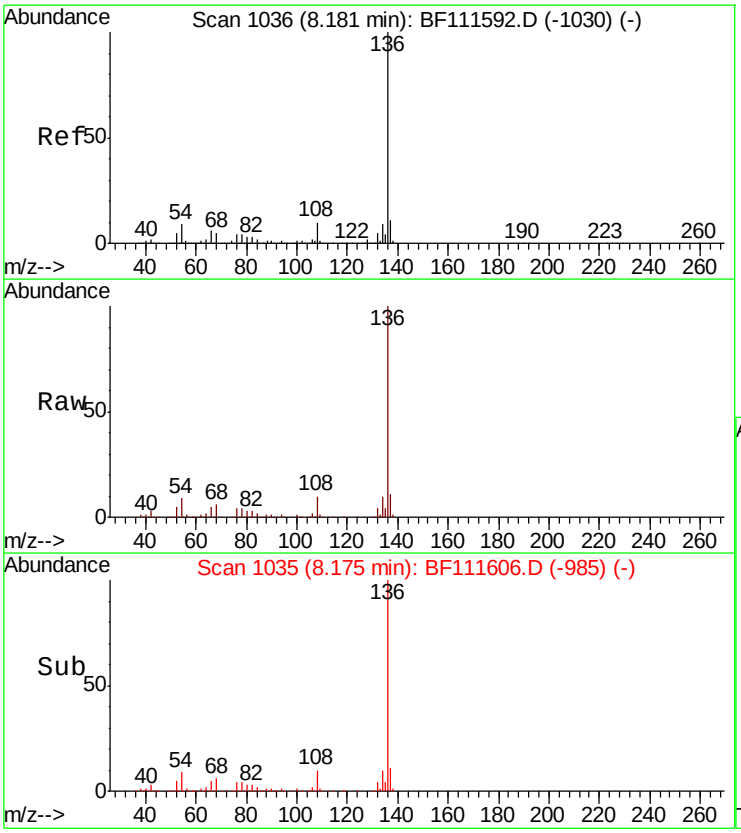
#20
3+4-Methylphenols
Concen: 0.031 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:107 Resp: 399

Ion	Ratio	Lower	Upper
107	100		
108	86.6	72.1	112.1
77	70.1	94.1	134.1#
79	0.0	9.8	49.8#

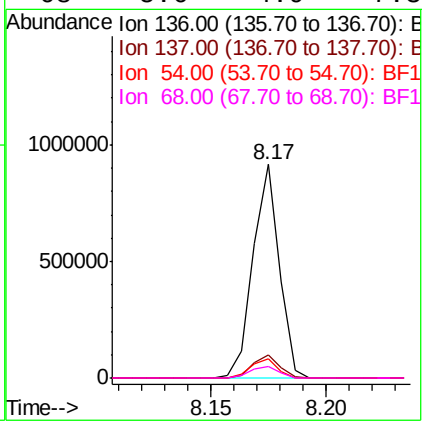


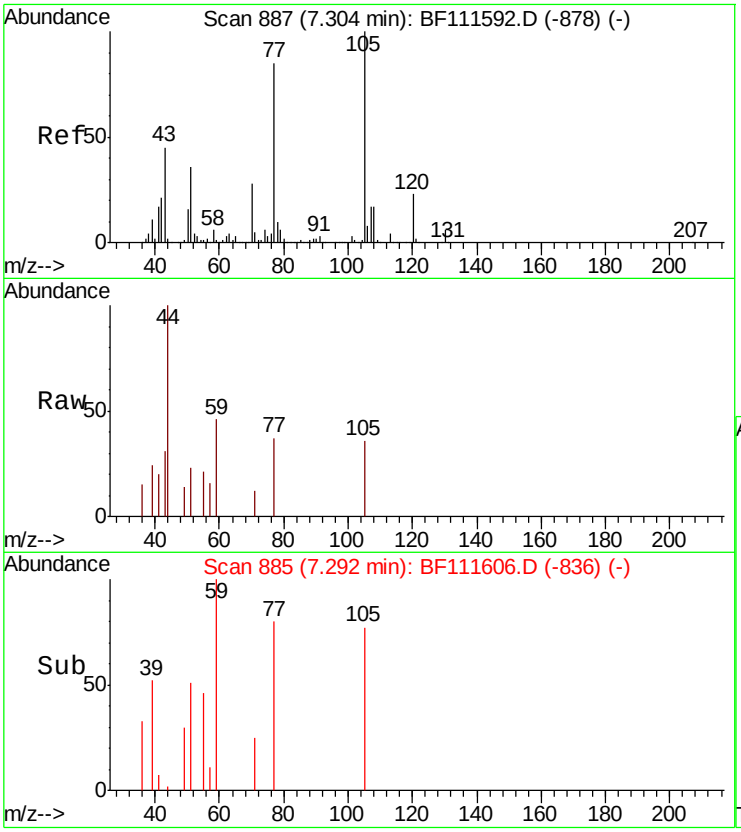


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:136 Resp: 728603

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	9.1	7.7	11.5
68	5.6	4.9	7.3



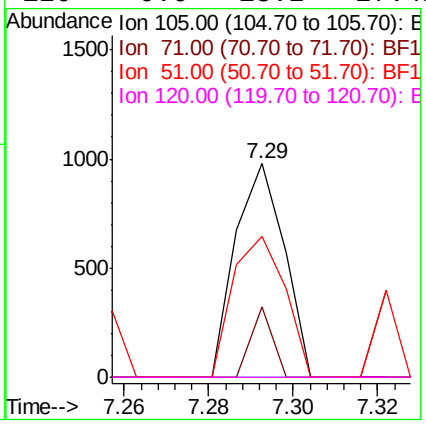


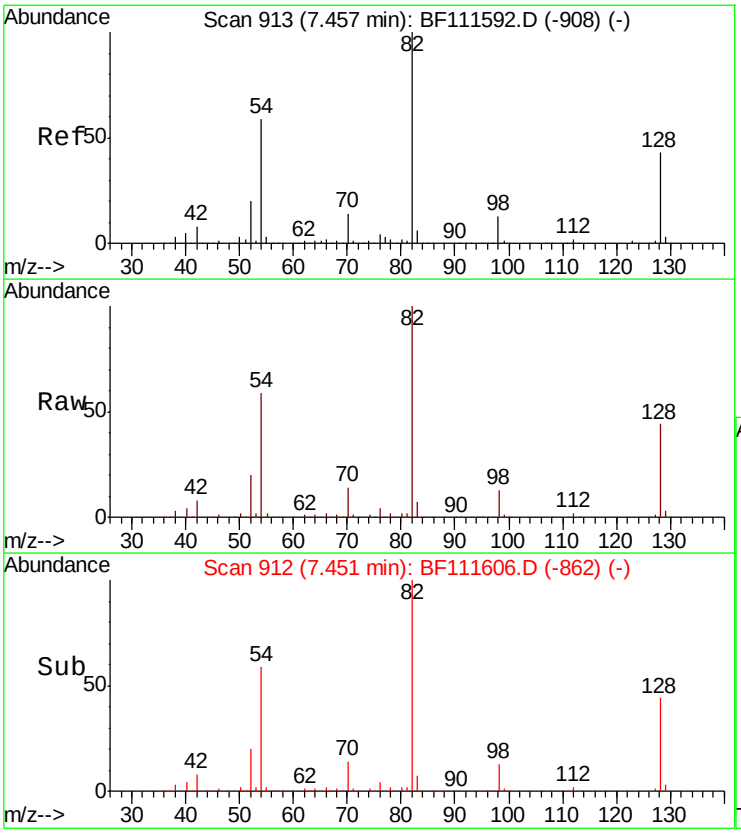
#22
Acetophenone
Concen: 0.042 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:105 Resp: 784

Ion	Ratio	Lower	Upper
105	100		
71	32.8	3.1	4.7#
51	66.1	36.6	54.8#
120	0.0	18.2	27.4#

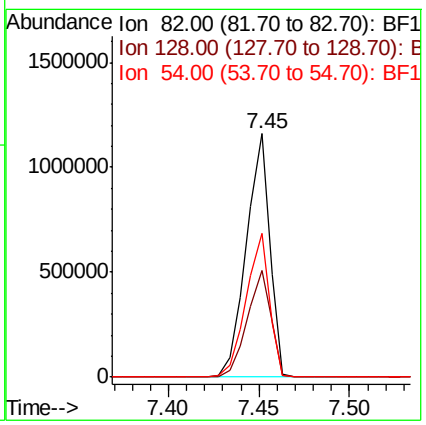


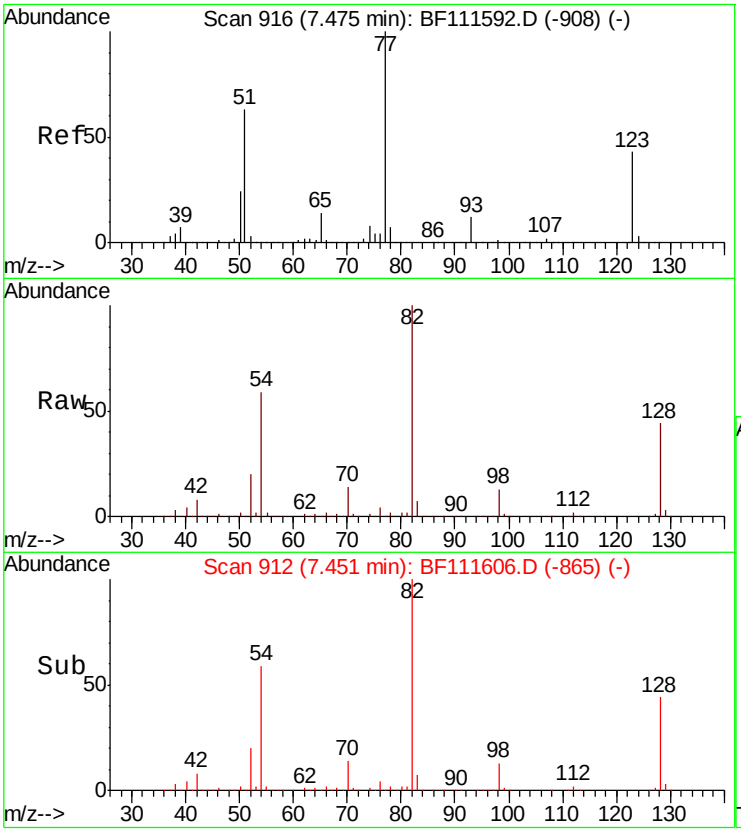


#23
Nitrobenzene-d5
Concen: 83.563 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 82 Resp: 1045985

Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.4	56.2
54	59.2	47.6	71.4



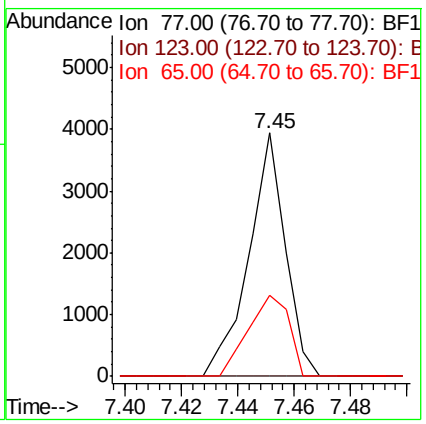


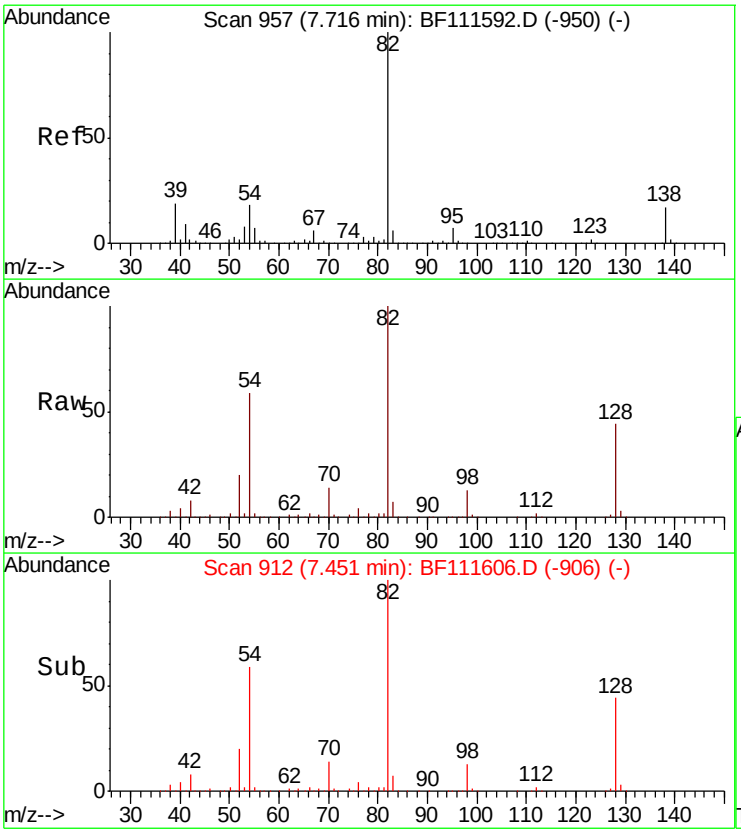
#24
Nitrobenzene
Concen: 0.270 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 77 Resp: 3539

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	33.0	11.5	17.3#

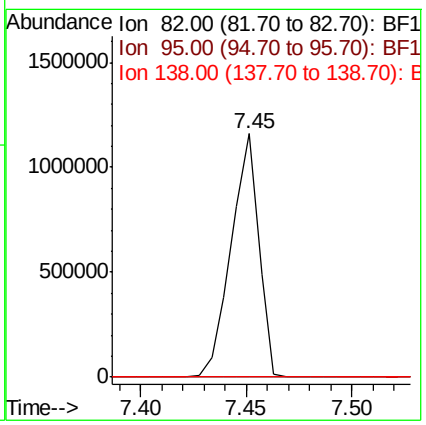


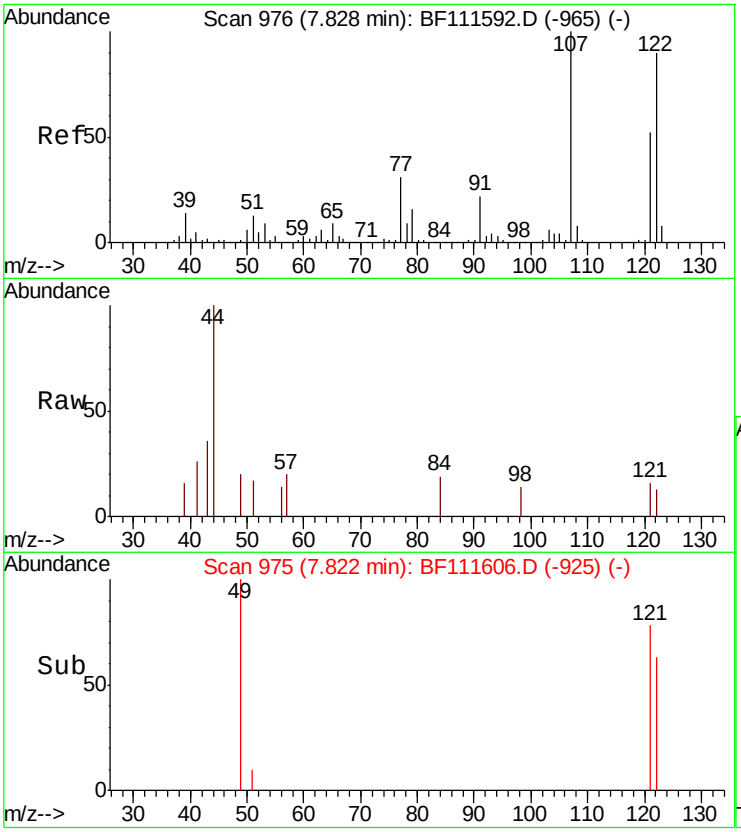


#25
Isophorone
Concen: 47.060 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 82 Resp: 1045758

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



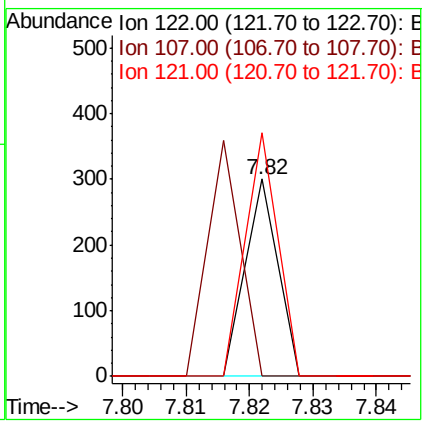


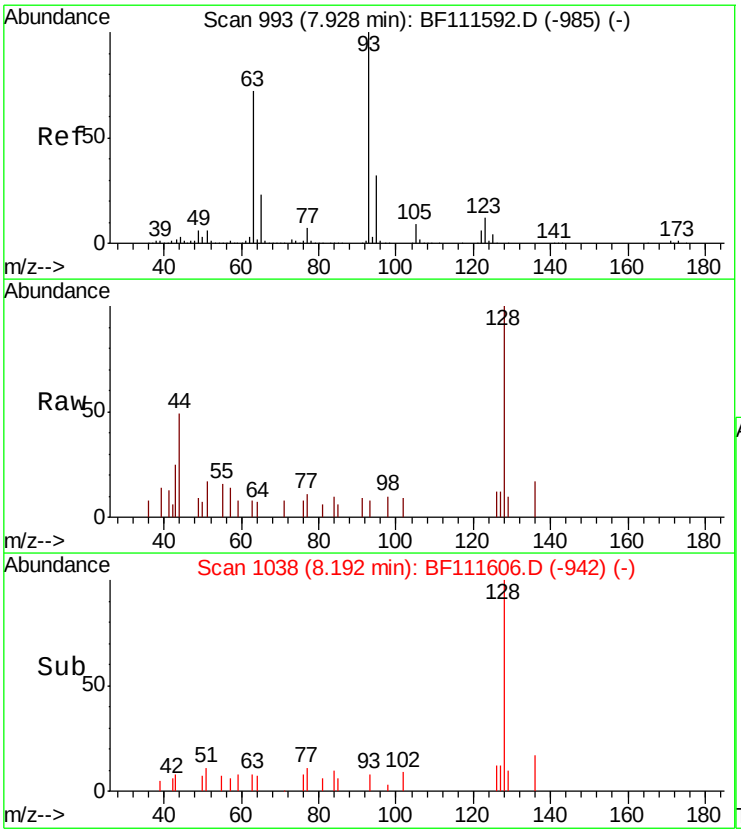
#27
2,4-Dimethylphenol
Concen: 0.010 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:122 Resp: 106

Ion	Ratio	Lower	Upper
122	100		
107	0.0	85.5	128.3#
121	123.7	46.6	70.0#

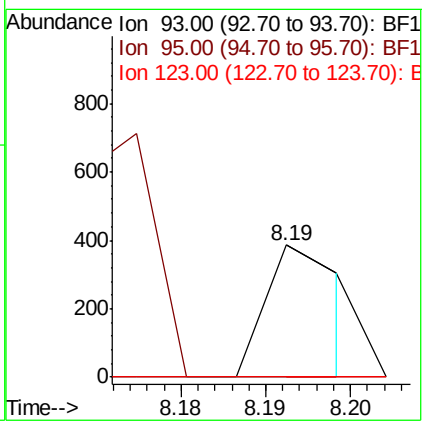


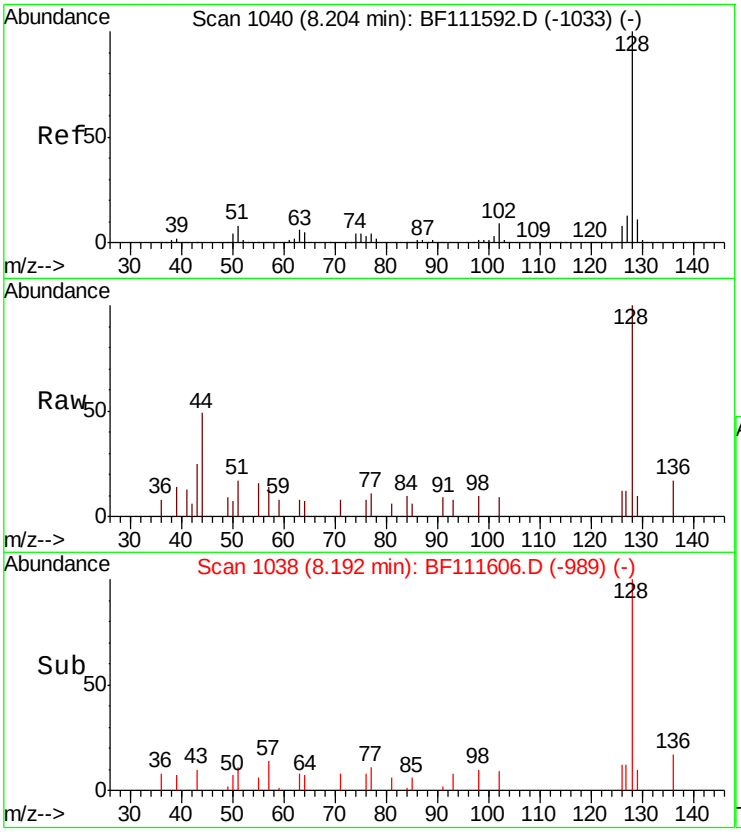


#28
bis(2-Chloroethoxy)methane
Concen: 0.016 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.26 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 93 Resp: 243

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



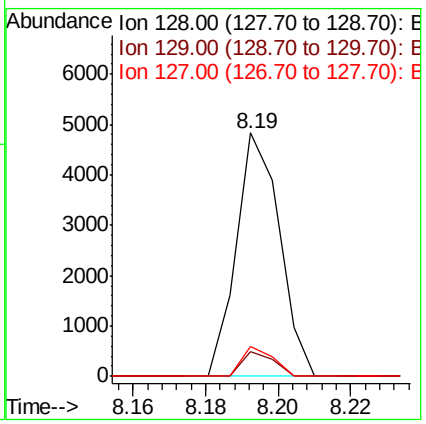


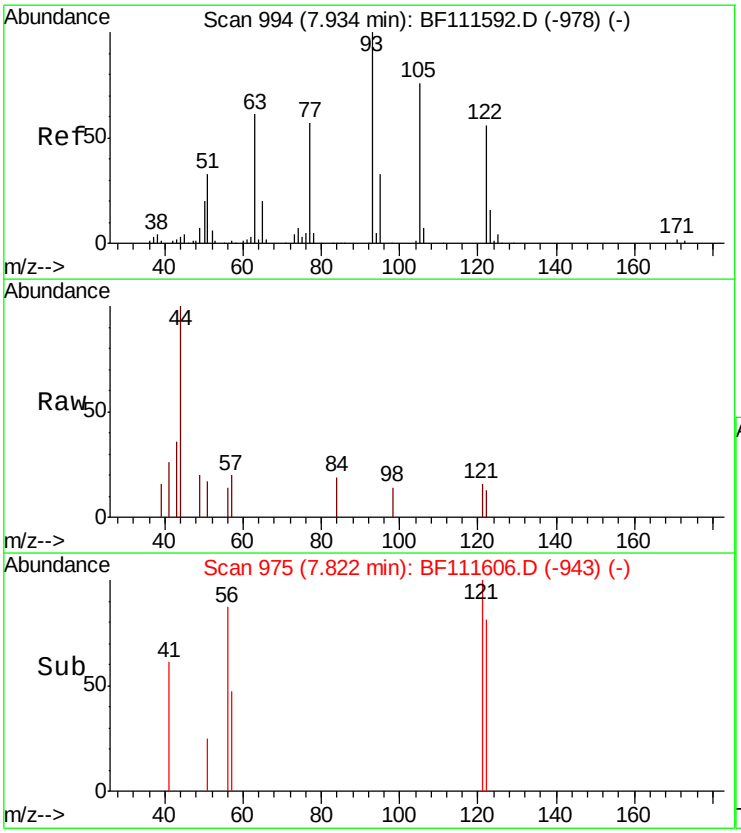
#31
Naphthalene
Concen: 0.114 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:128 Resp: 3989

Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.8	14.8
127	12.0	12.0	18.0

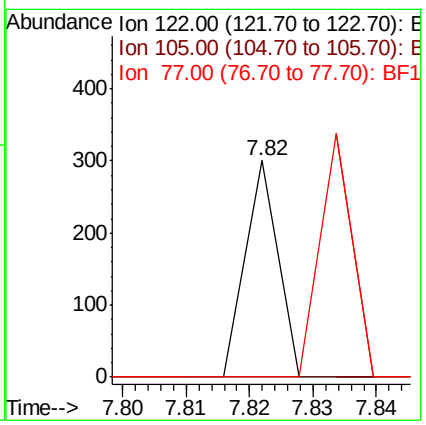


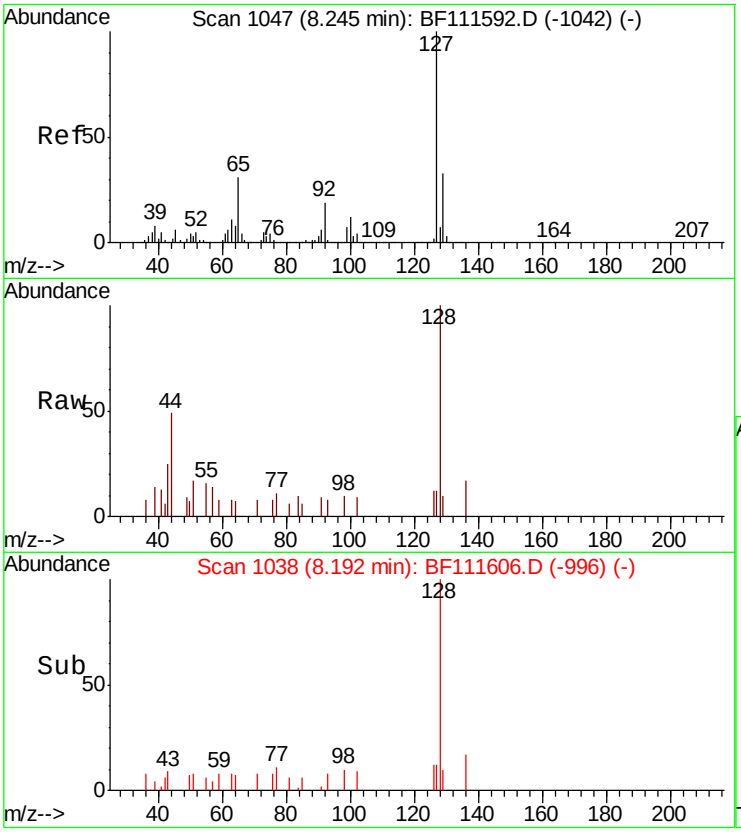


#32
Benzoic acid
Concen: 0.015 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.11 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:122 Resp: 106

Ion	Ratio	Lower	Upper
122	100		
105	0.0	97.0	137.0#
77	0.0	65.7	105.7#



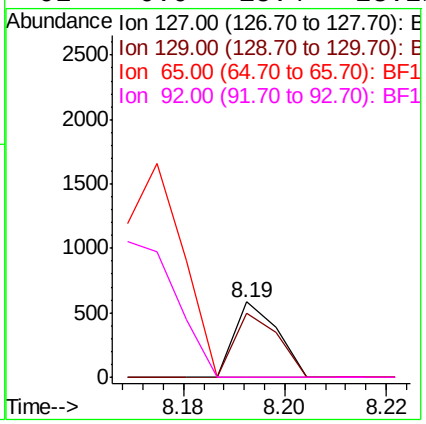


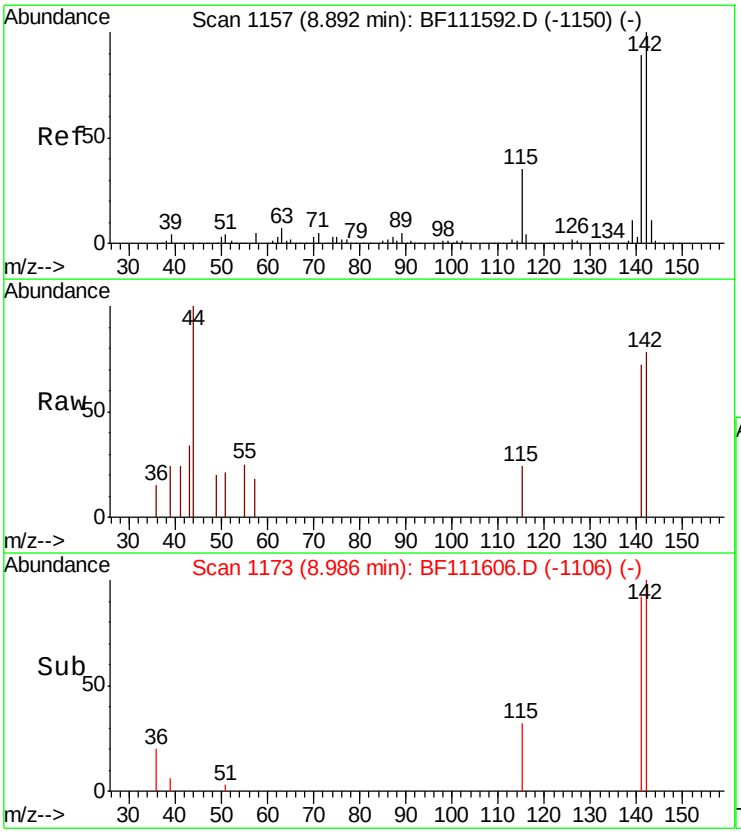
#33
4-Chloroaniline
Concen: 0.023 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:127 Resp: 342

Ion	Ratio	Lower	Upper
127	100		
129	85.6	26.6	39.8#
65	0.0	25.7	38.5#
92	0.0	15.4	23.2#

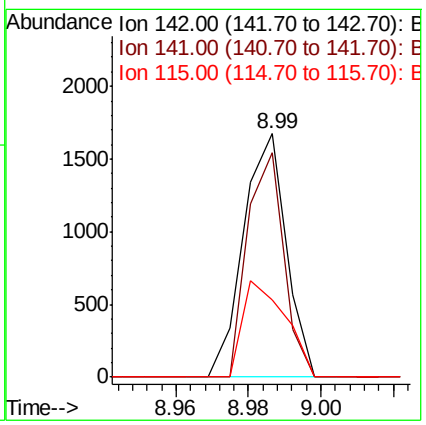


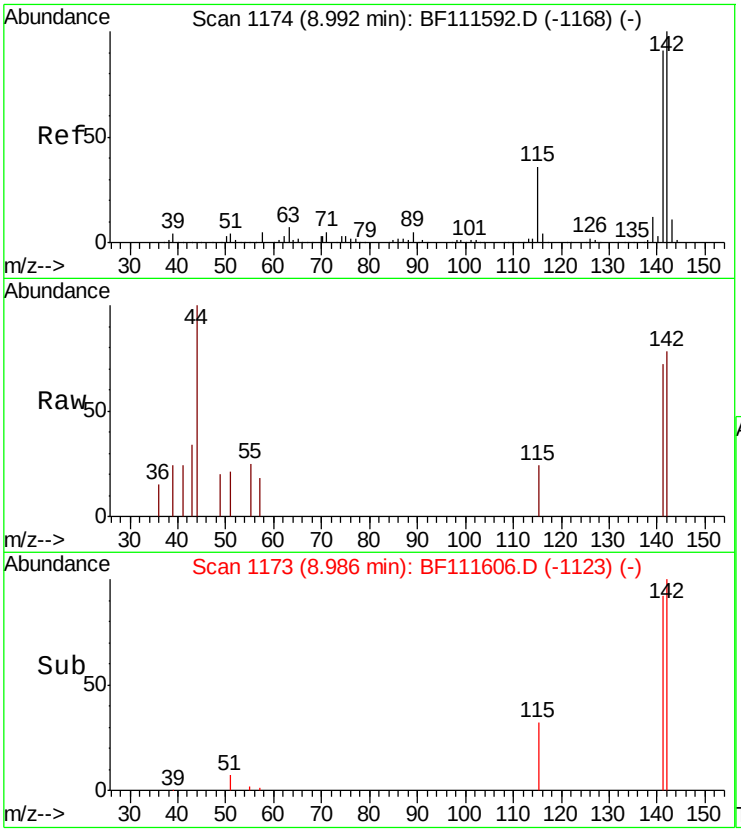


#37
2-Methylnaphthalene
Concen: 0.061 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.09 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:142 Resp: 1381

Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.6	105.8
115	31.5	27.0	40.6



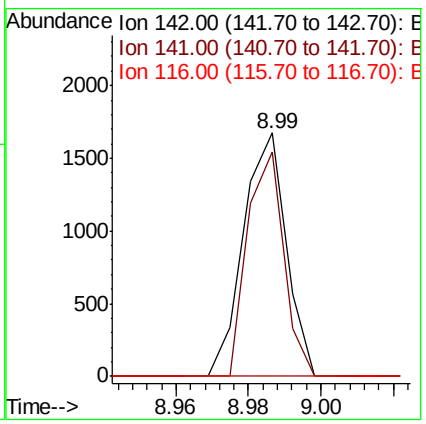


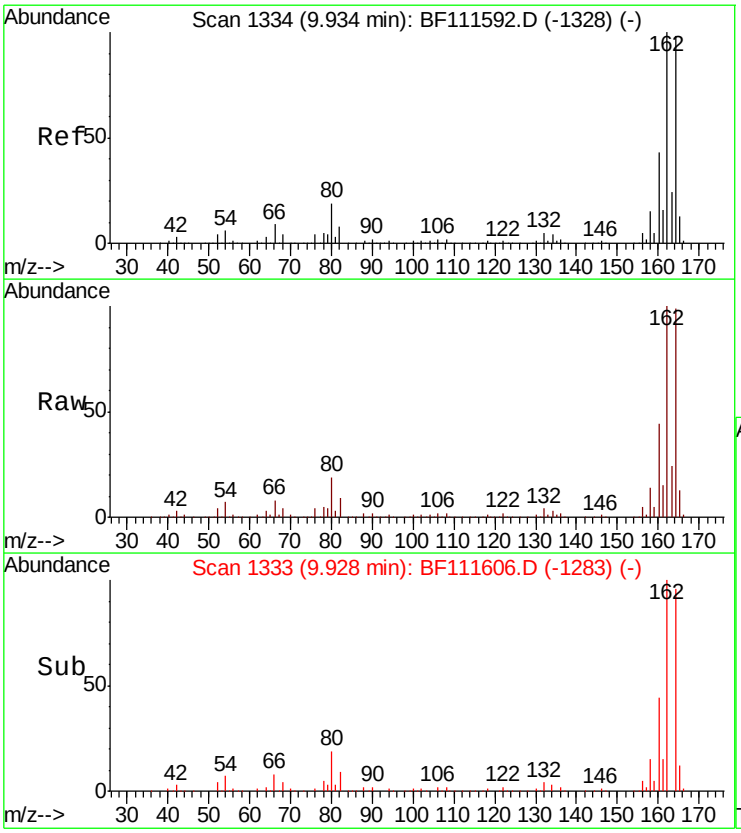
#38
1-Methylnaphthalene
Concen: 0.063 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:142 Resp: 1381

Ion	Ratio	Lower	Upper
142	100		
141	92.4	74.2	111.4
116	0.0	2.9	4.3#

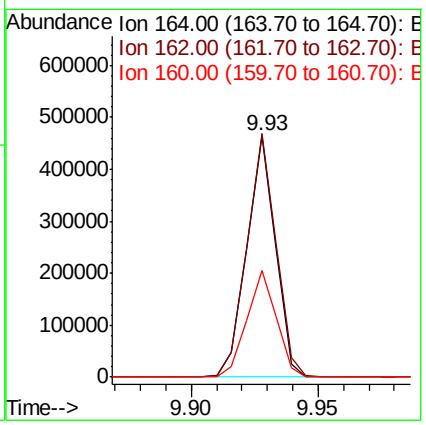


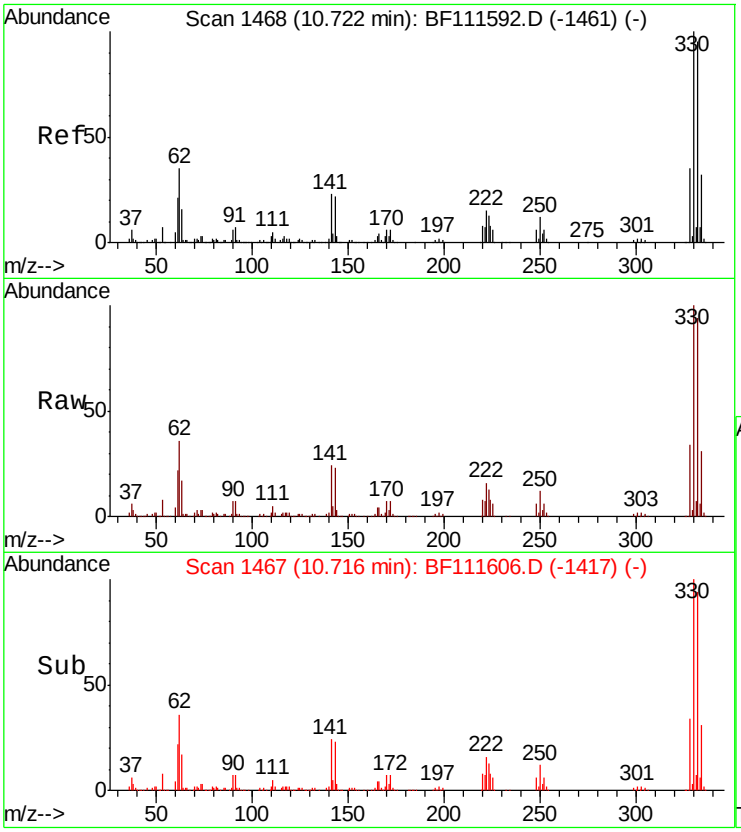


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:164 Resp: 366195

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	44.3	35.7	53.5



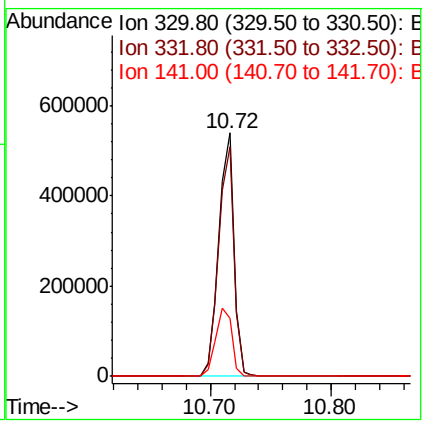


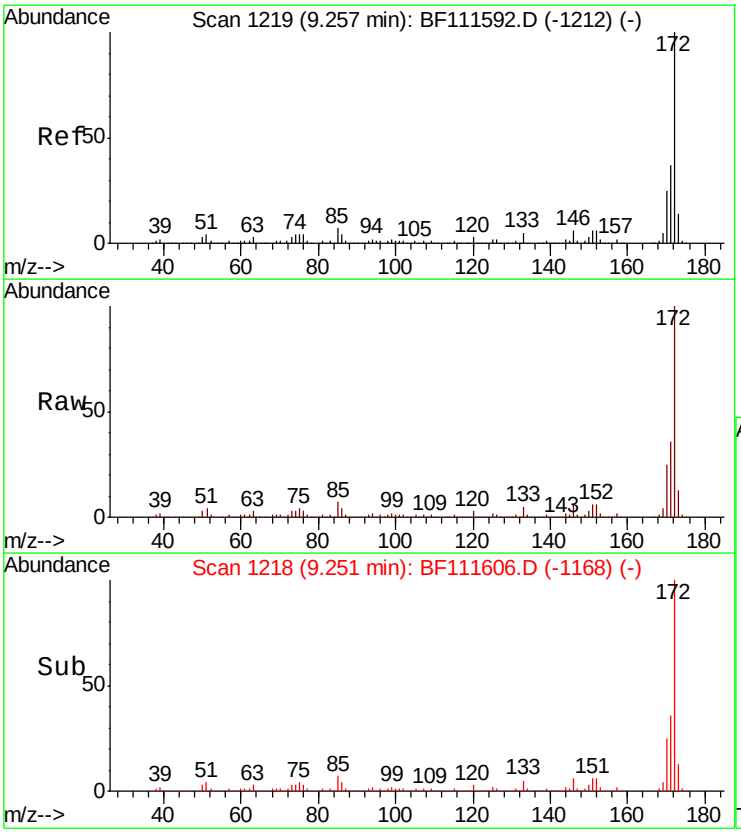
#42
2,4,6-Tribromophenol
Concen: 108.600 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:330 Resp: 469900

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.0	114.0
141	29.6	31.0	46.6#

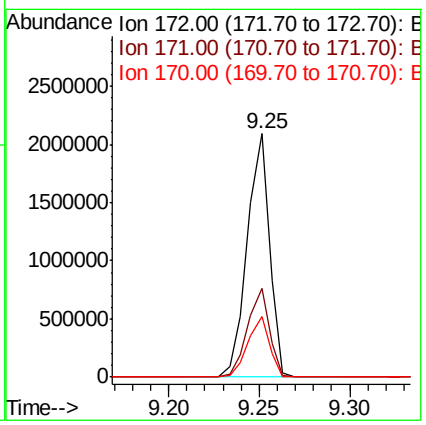


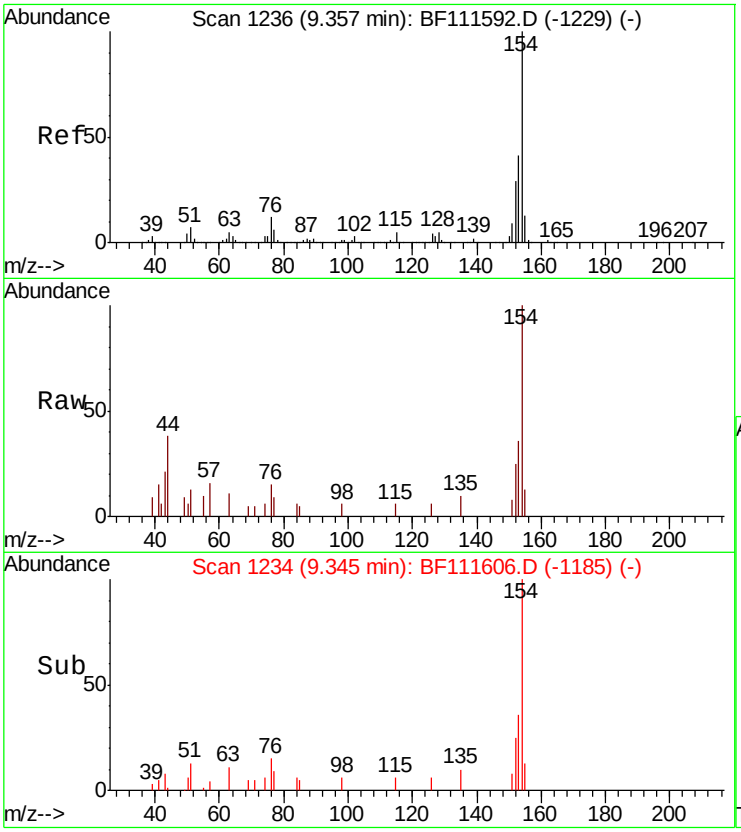


#45
2-Fluorobiphenyl
Concen: 71.311 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:172 Resp: 1791595

Ion	Ratio	Lower	Upper
172	100		
171	36.4	33.0	49.4
170	24.6	22.3	33.5



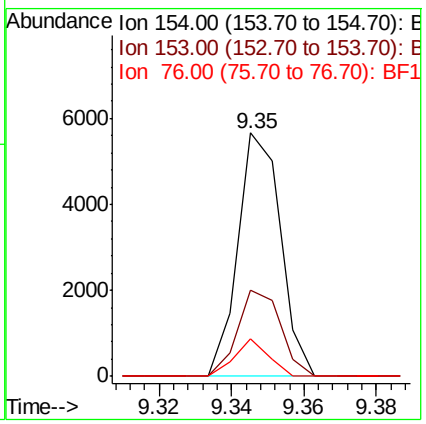


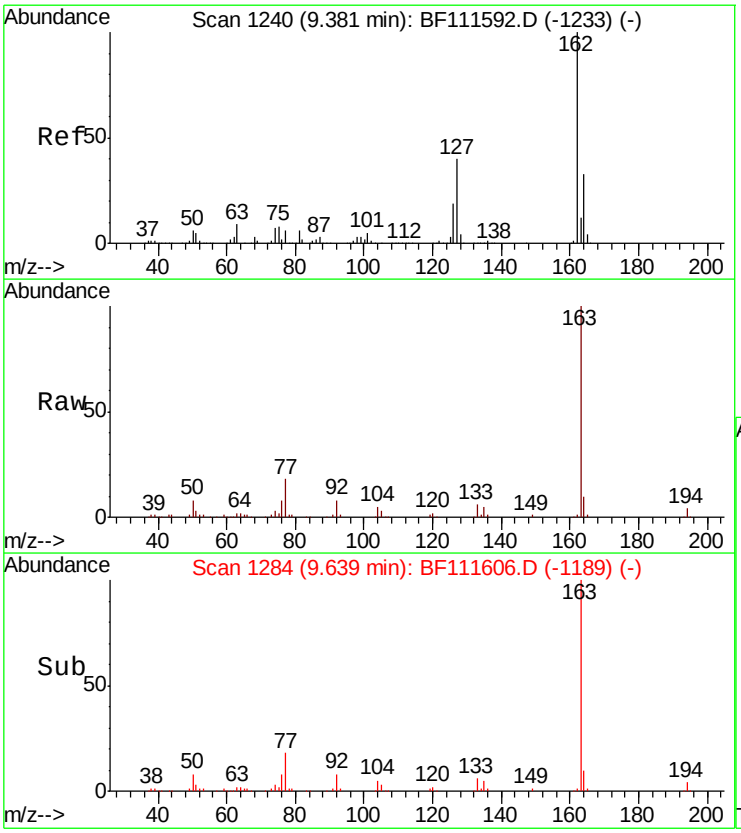
#46
1,1'-Biphenyl
Concen: 0.151 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:154 Resp: 4663

Ion	Ratio	Lower	Upper
154	100		
153	35.6	23.7	63.7
76	15.4	0.0	35.0

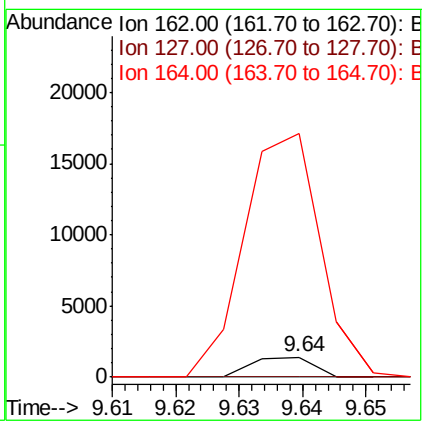


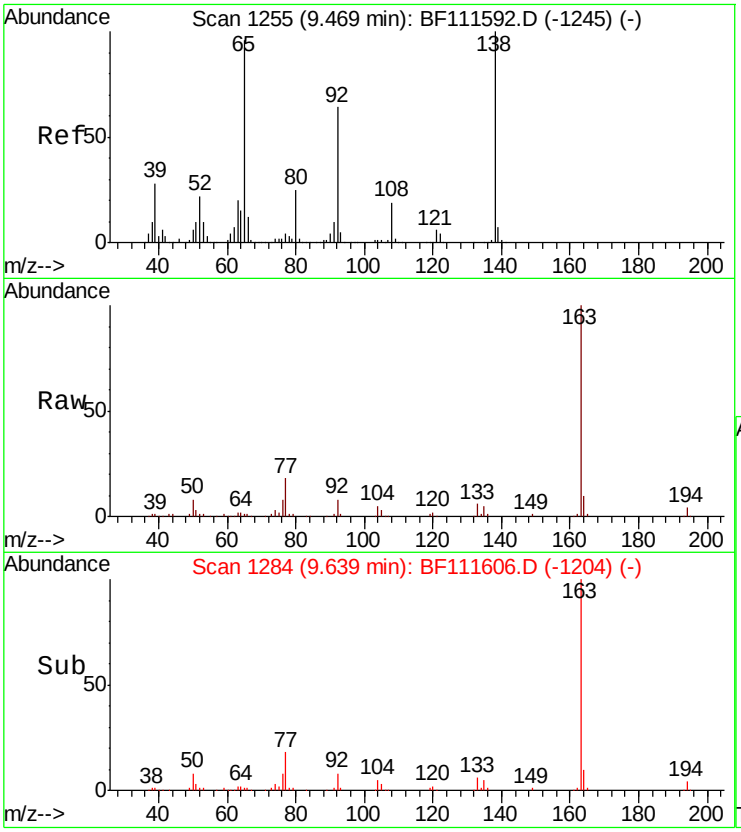


#47
2-Chloronaphthalene
Concen: 0.039 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.26 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:162 Resp: 956

Ion	Ratio	Lower	Upper
162	100		
127	0.0	35.0	52.4#
164	1212.2	28.4	42.6#



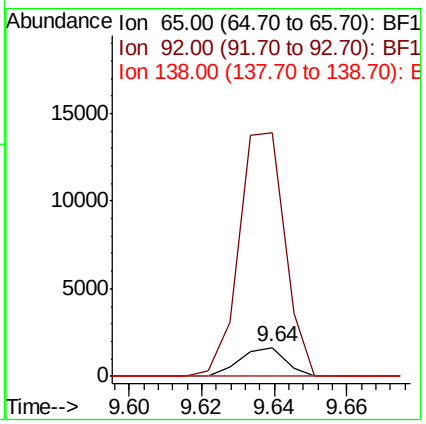


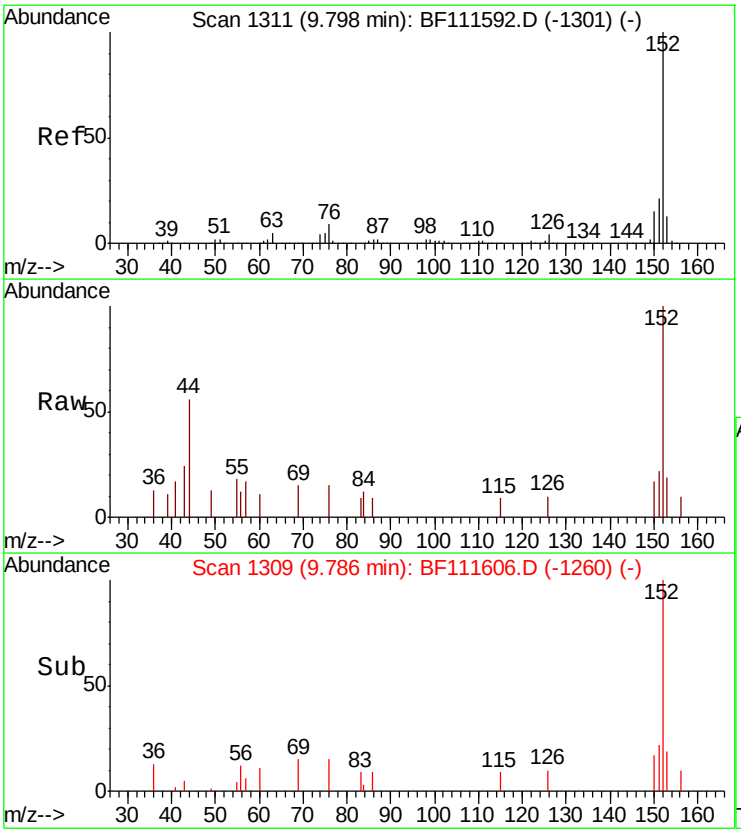
#48
2-Nitroaniline
Concen: 0.224 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.17 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion: 65 Resp: 1426

Ion	Ratio	Lower	Upper
65	100		
92	850.1	53.5	80.3#
138	0.0	80.9	121.3#

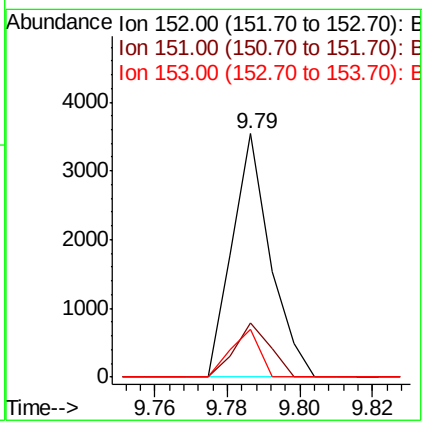


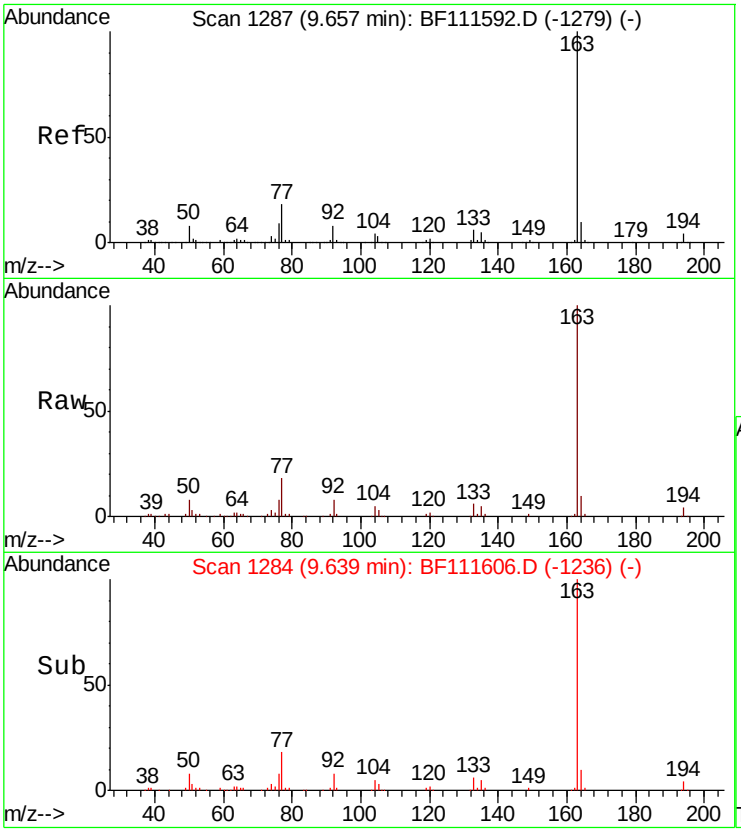


#49
Acenaphthylene
Concen: 0.072 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:152 Resp: 2589

Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.0	27.0
153	19.5	12.3	18.5#



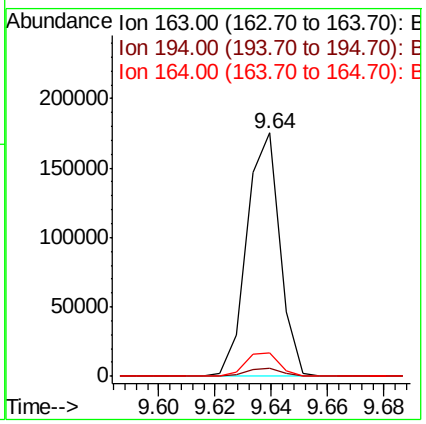


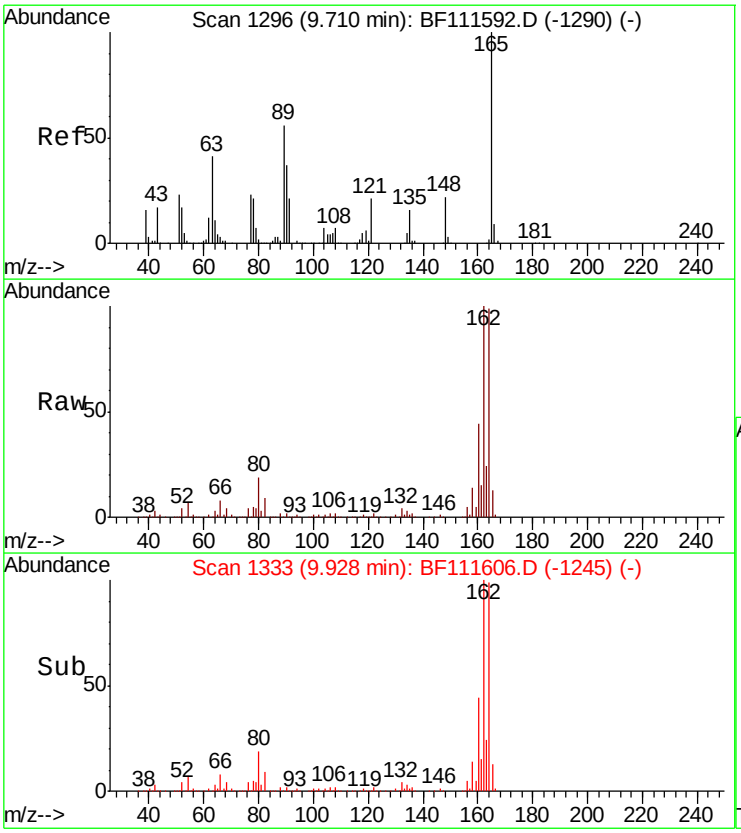
#50
Dimethylphthalate
Concen: 5.320 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:163 Resp: 142468

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	9.8	8.9	13.3

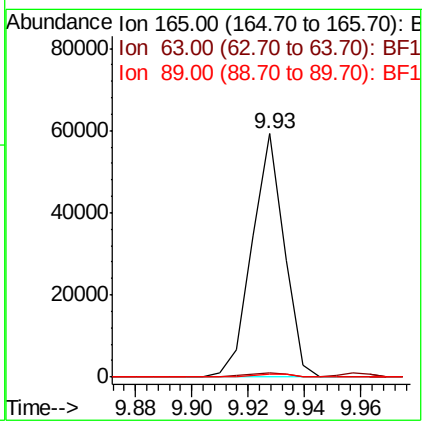


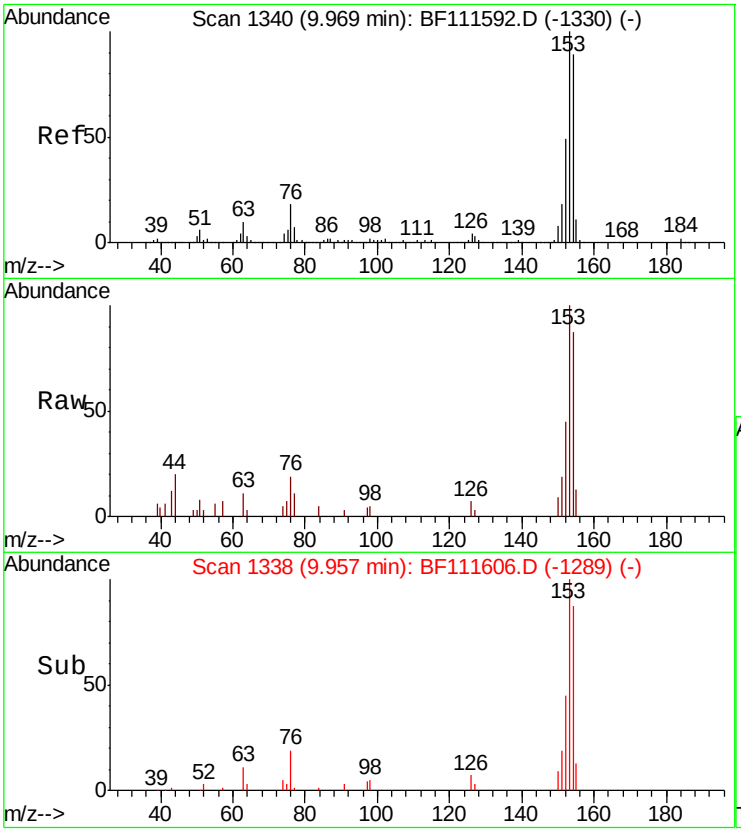


#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:165 Resp: 46818

Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.5	60.7#
89	1.3	40.0	60.0#



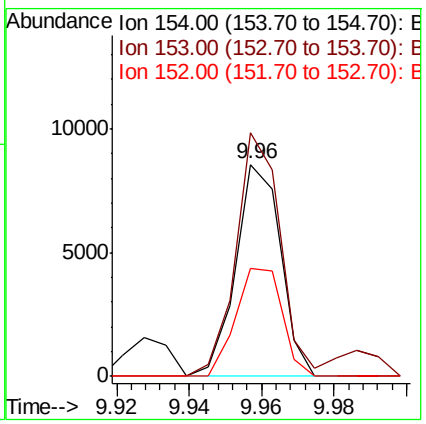


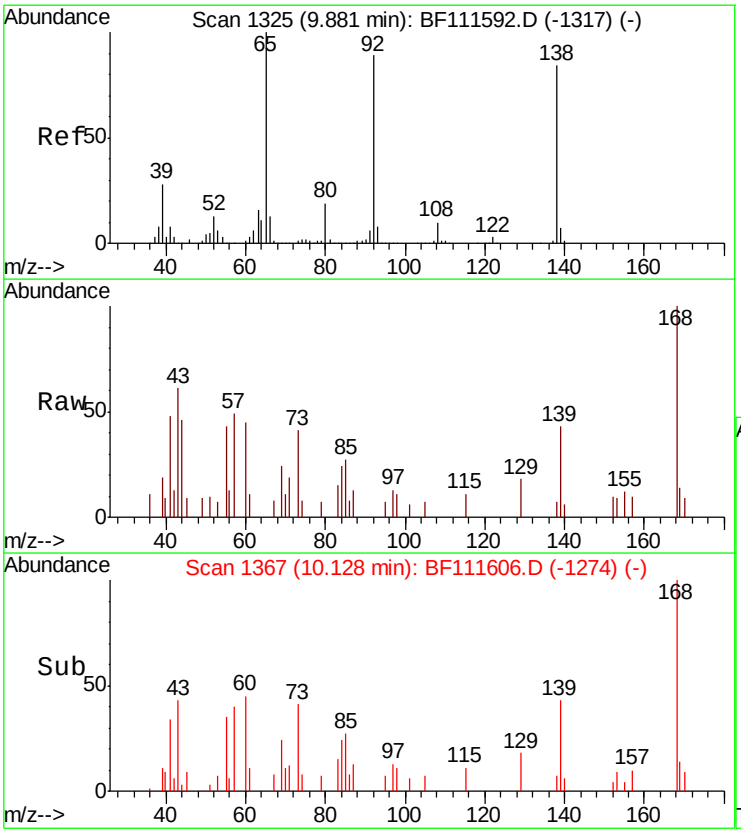
#52
Acenaphthene
Concen: 0.334 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:154 Resp: 7365

Ion	Ratio	Lower	Upper
154	100		
153	114.7	87.8	131.8
152	51.1	43.4	65.2

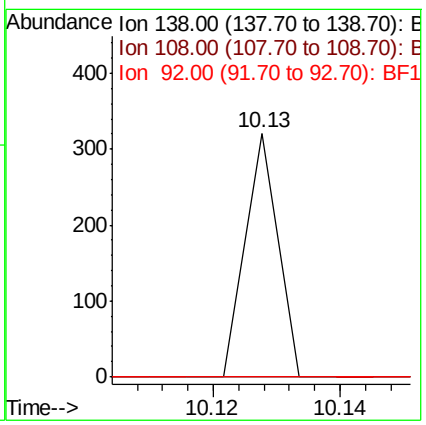


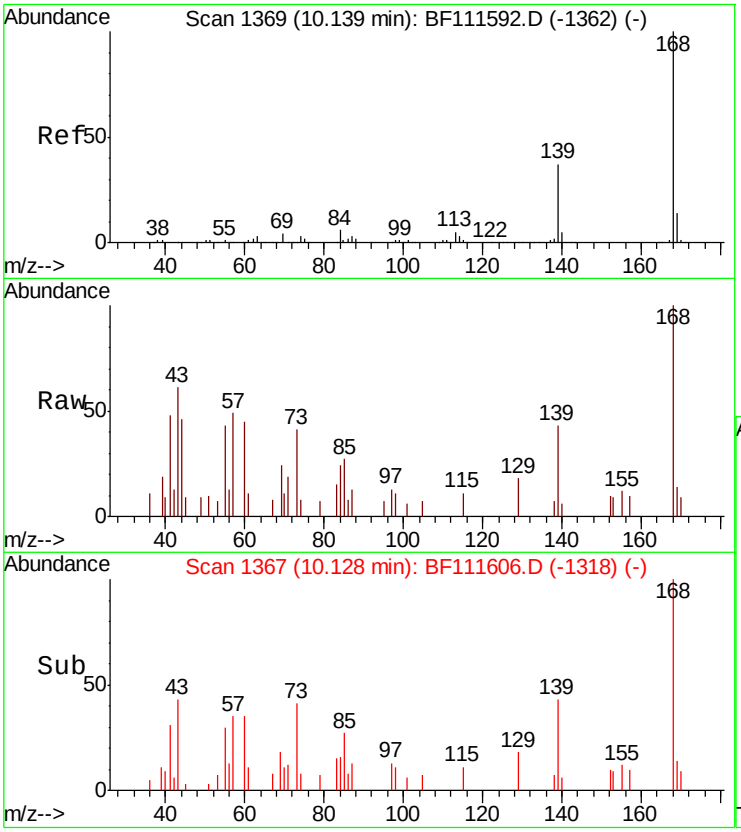


#53
3-Nitroaniline
Concen: 0.020 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.25 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:138 Resp: 113

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



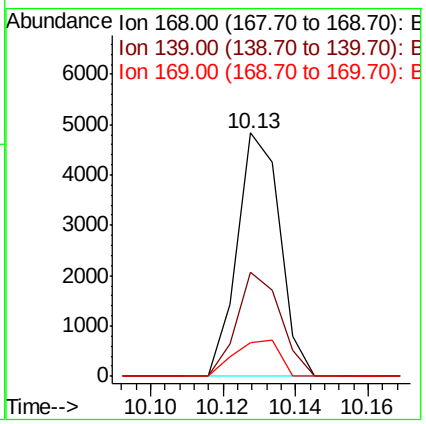


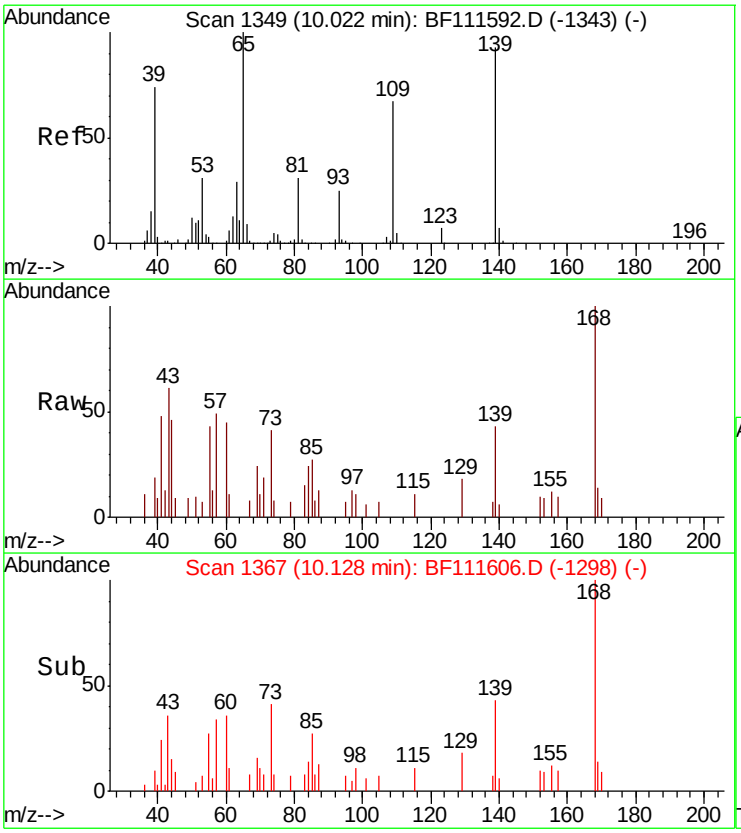
#55
Dibenzofuran
Concen: 0.120 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:168 Resp: 3995

Ion	Ratio	Lower	Upper
168	100		
139	42.5	32.6	49.0
169	13.7	11.8	17.6

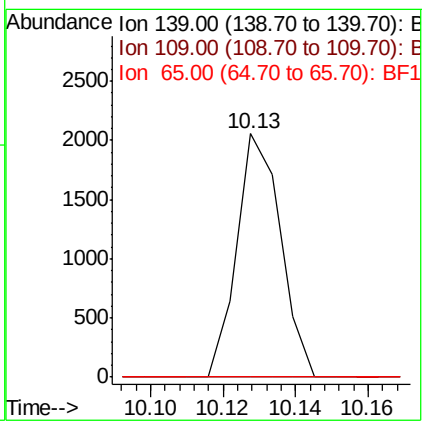


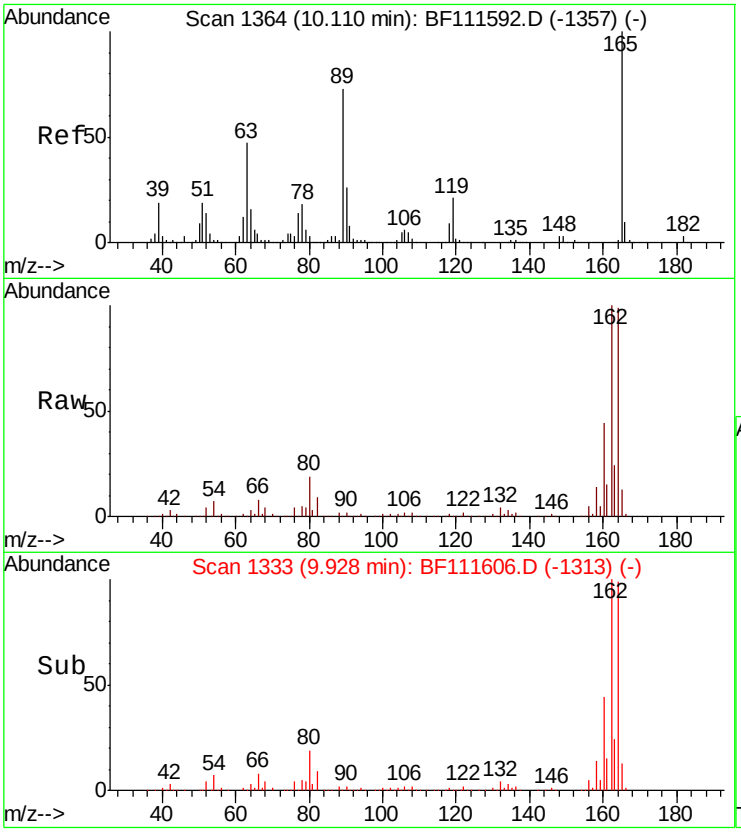


#56
4-Nitrophenol
Concen: 0.399 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:139 Resp: 1736

Ion	Ratio	Lower	Upper
139	100		
109	0.0	41.8	81.8#
65	0.0	79.6	119.6#



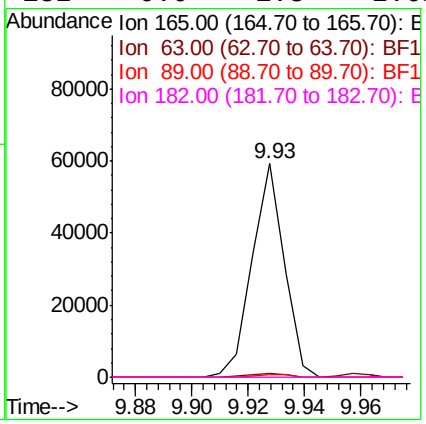


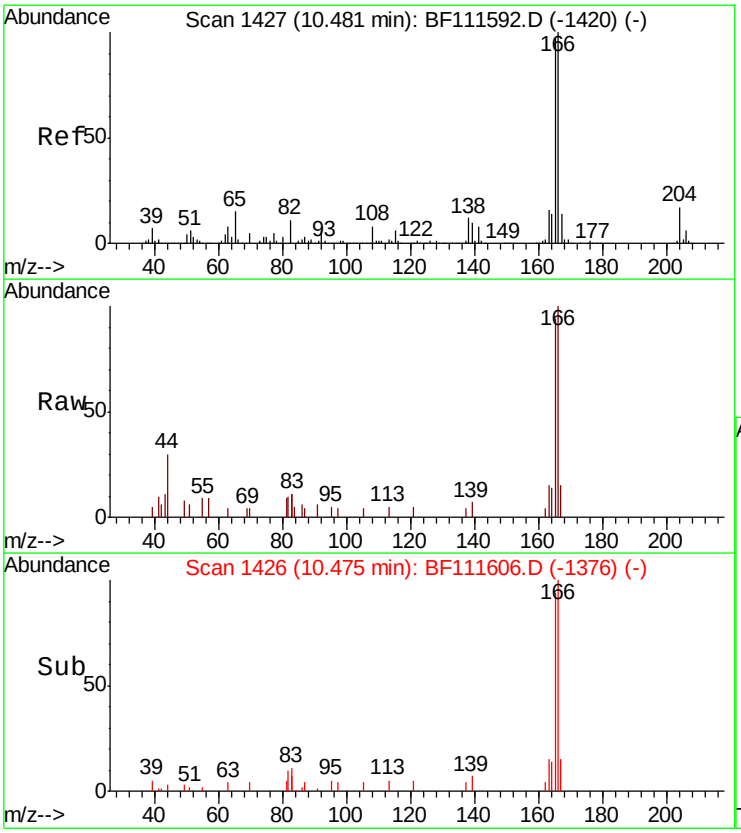
#57
2,4-Dinitrotoluene
Concen: 7.295 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:165 Resp: 46818

Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#

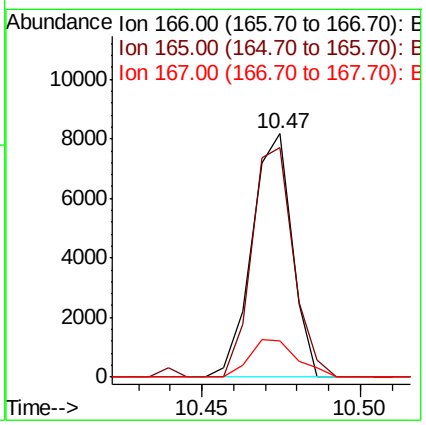


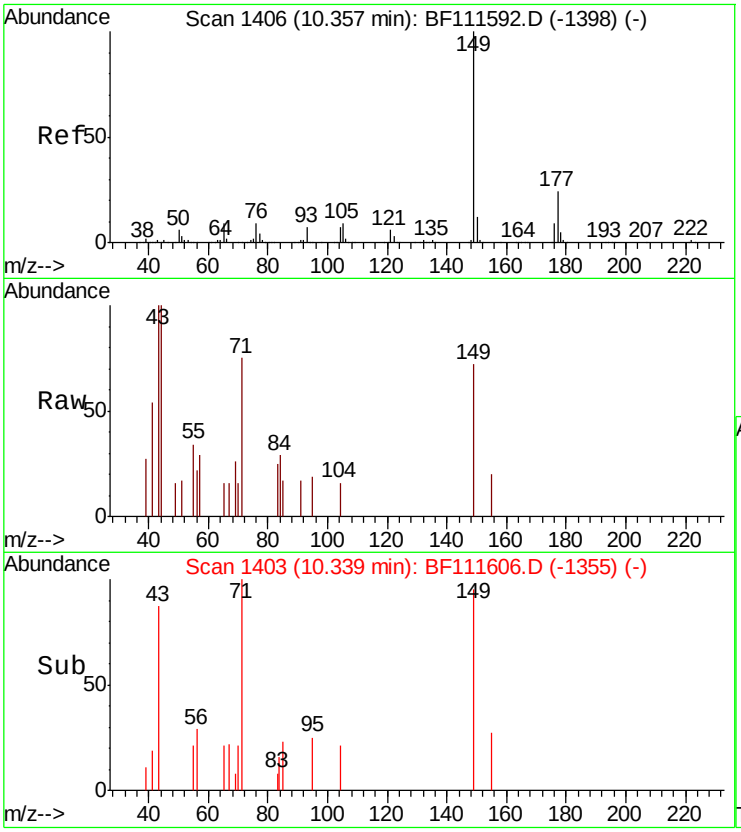


#58
Fluorene
Concen: 0.299 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:166 Resp: 7179

Ion	Ratio	Lower	Upper
166	100		
165	94.4	78.4	117.6
167	14.7	11.2	16.8



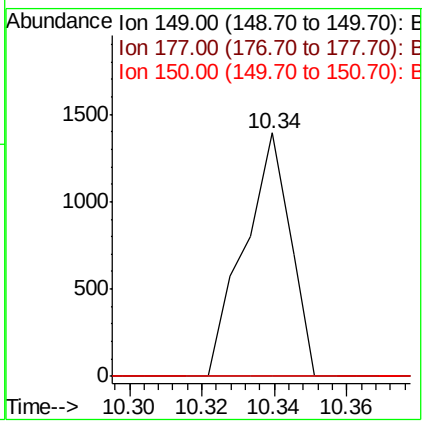


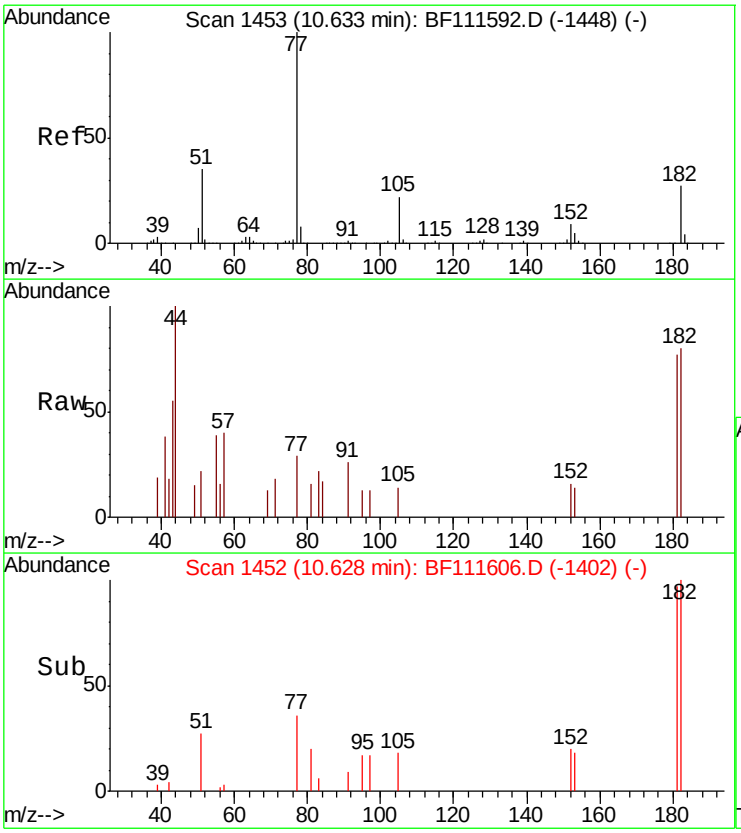
#60
Diethylphthalate
Concen: 0.047 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:149 Resp: 1223

Ion	Ratio	Lower	Upper
149	100		
177	0.0	18.3	27.5#
150	0.0	10.6	15.8#

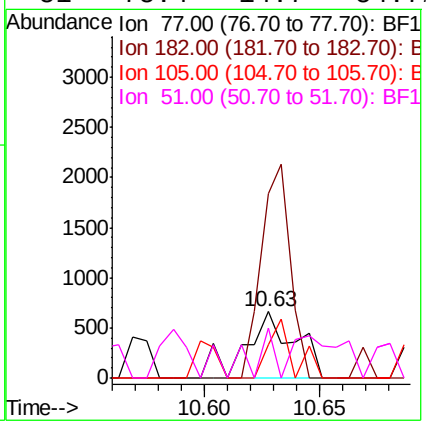


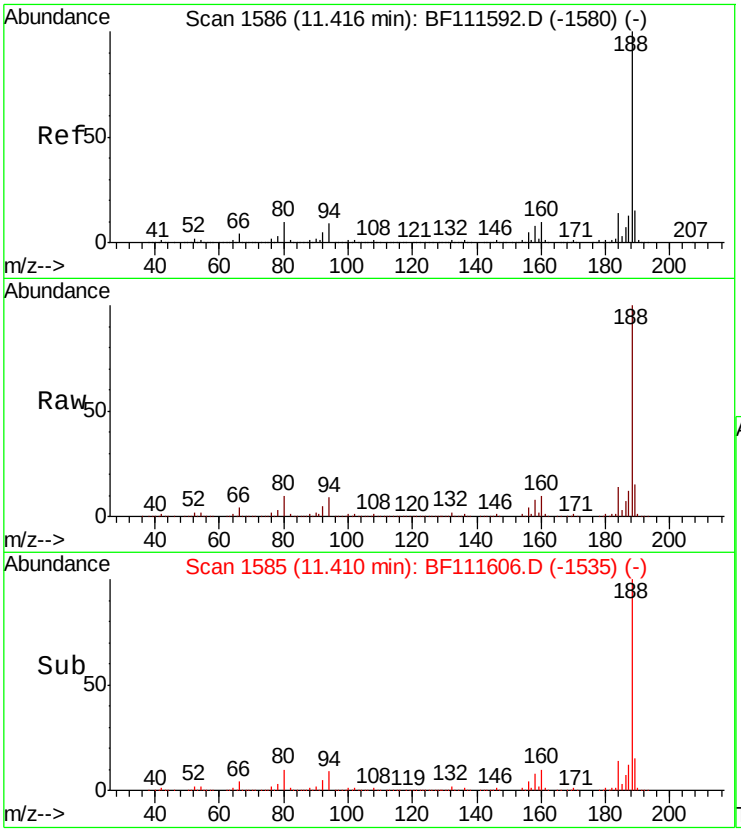


#63
Azobenzene
Concen: 0.038 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion: 77 Resp: 997

Ion	Ratio	Lower	Upper
77	100		
182	276.8	4.9	44.9#
105	50.1	6.0	46.0#
51	75.4	14.7	54.7#



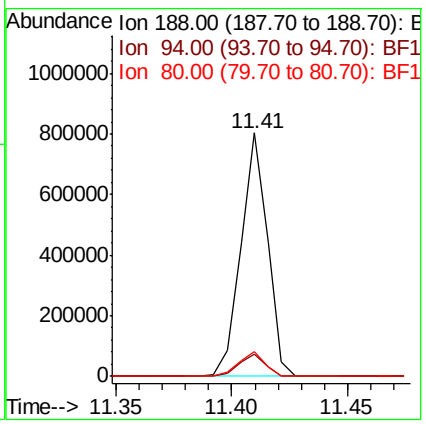


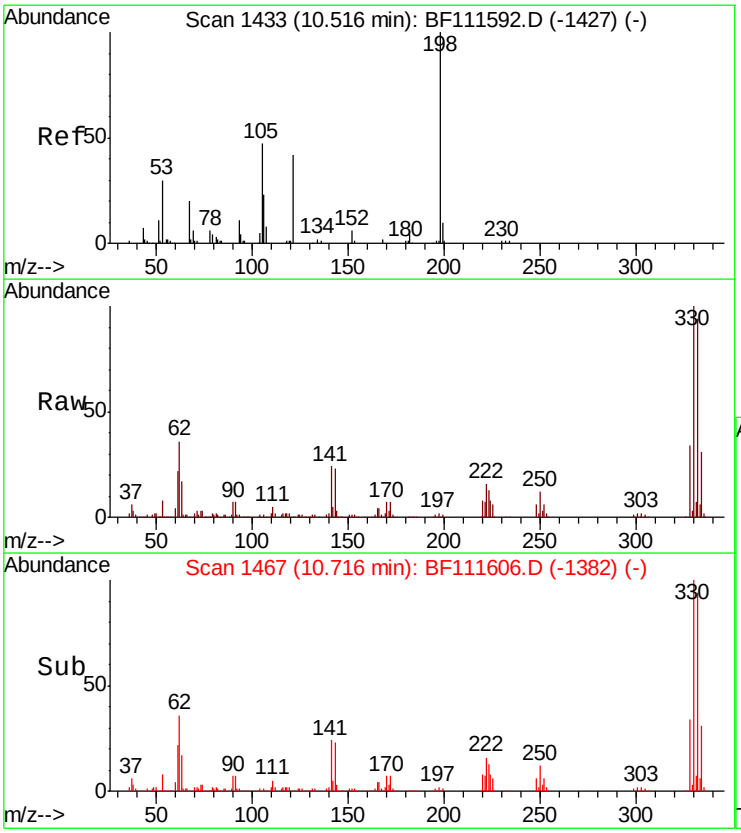
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:188 Resp: 645082

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.6	14.4#
80	10.0	9.8	14.6

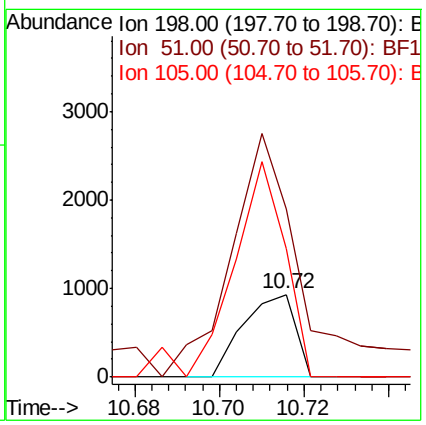


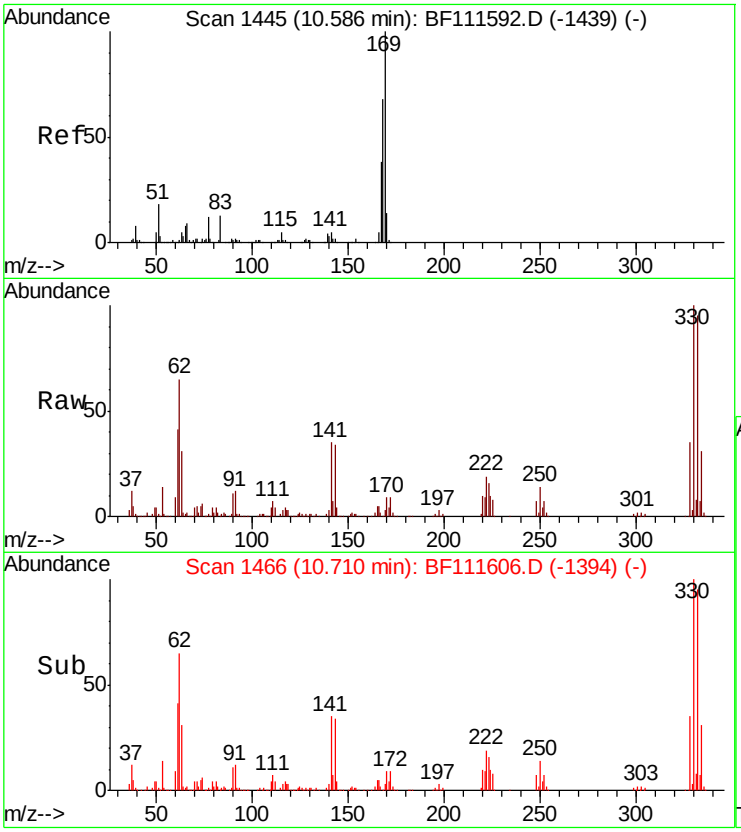


#65
4,6-Dinitro-2-methylphenol
Concen: 6.952 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:198 Resp: 802

Ion	Ratio	Lower	Upper
198	100		
51	203.2	48.0	88.0#
105	155.7	34.0	74.0#



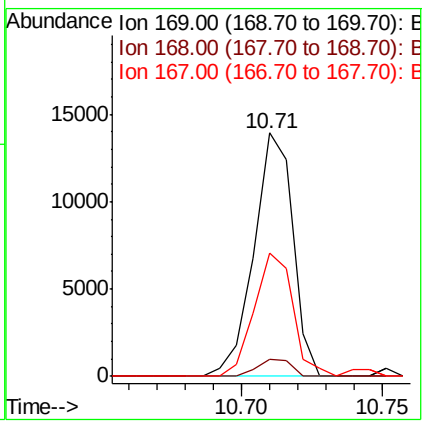


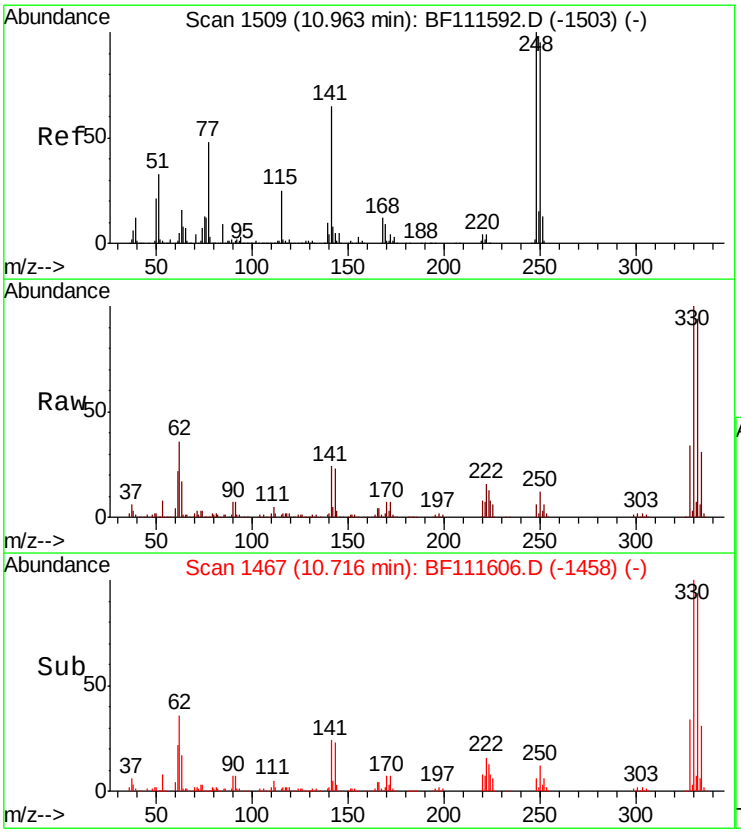
#66
n-Nitrosodiphenylamine
Concen: 0.616 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:169 Resp: 13348

Ion	Ratio	Lower	Upper
169	100		
168	6.9	54.4	81.6#
167	50.7	30.5	45.7#

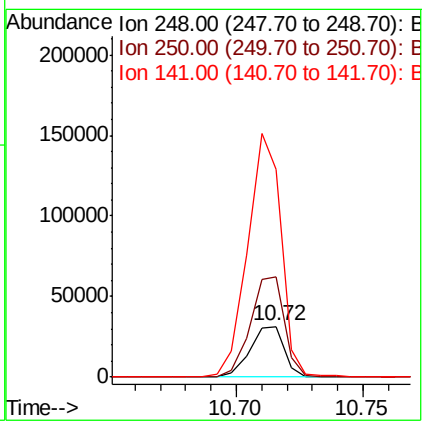


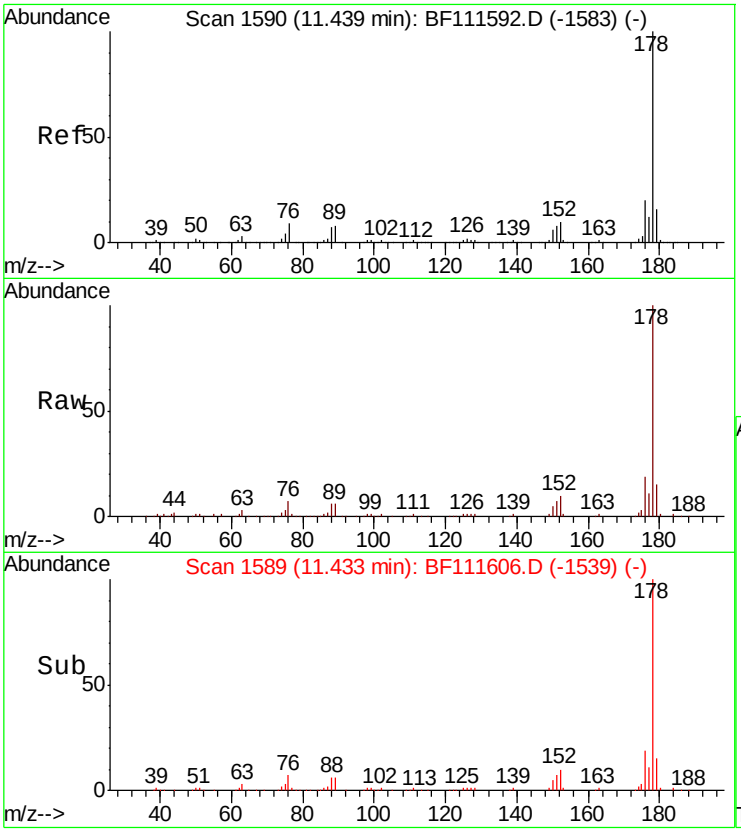


#67
4-Bromophenyl-phenylether
Concen: 3.703 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:248 Resp: 29630

Ion	Ratio	Lower	Upper
248	100		
250	198.0	77.0	115.4#
141	408.9	63.0	94.6#



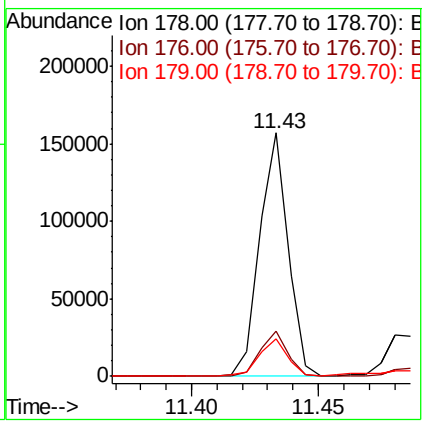


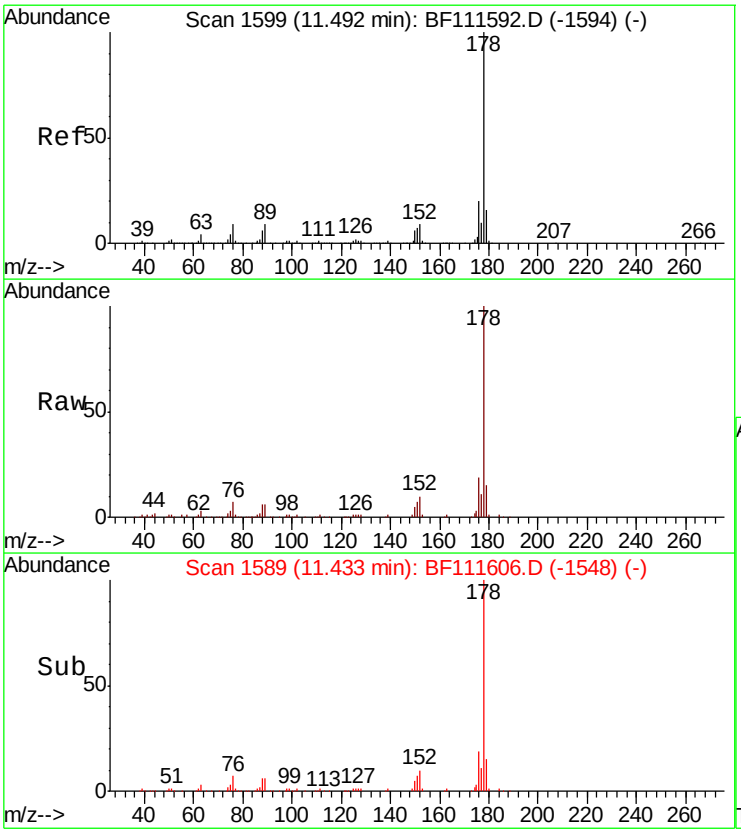
#71
Phenanthrene
Concen: 3.619 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:178 Resp: 123809

Ion	Ratio	Lower	Upper
178	100		
176	18.8	18.1	27.1
179	15.3	14.0	21.0

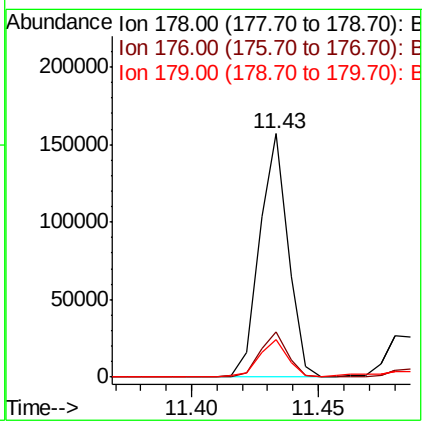


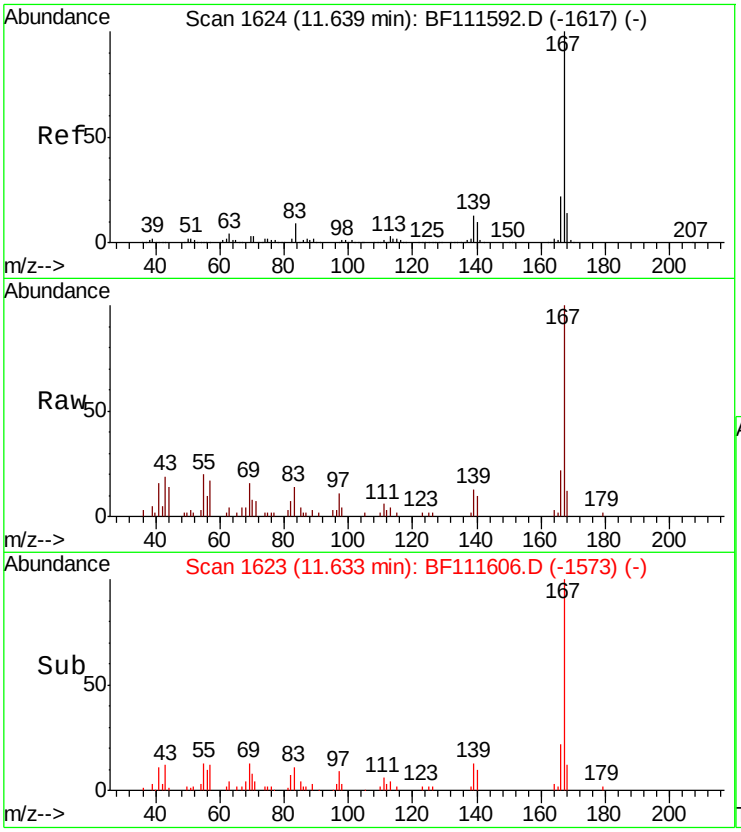


#72
Anthracene
Concen: 3.605 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.06 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:178 Resp: 123809

Ion	Ratio	Lower	Upper
178	100		
176	18.8	17.2	25.8
179	15.3	13.8	20.8



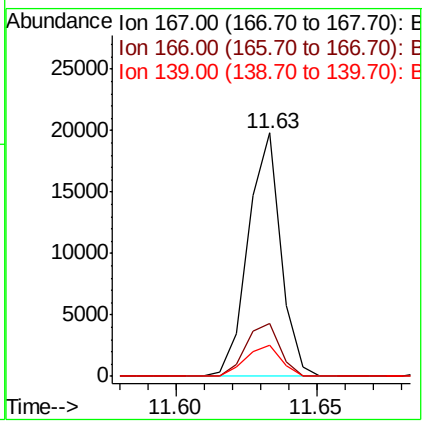


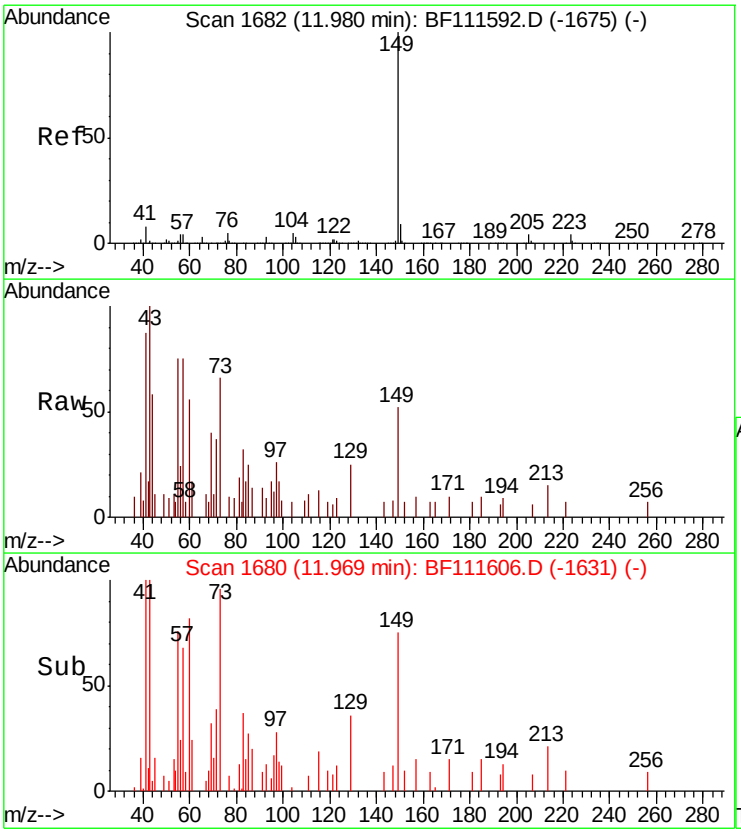
#73
Carbazole
Concen: 0.477 ng
RT: 11.63 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:167 Resp: 15901

Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	12.6	11.9	17.9

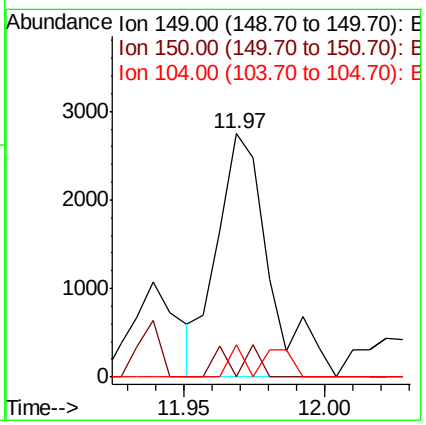


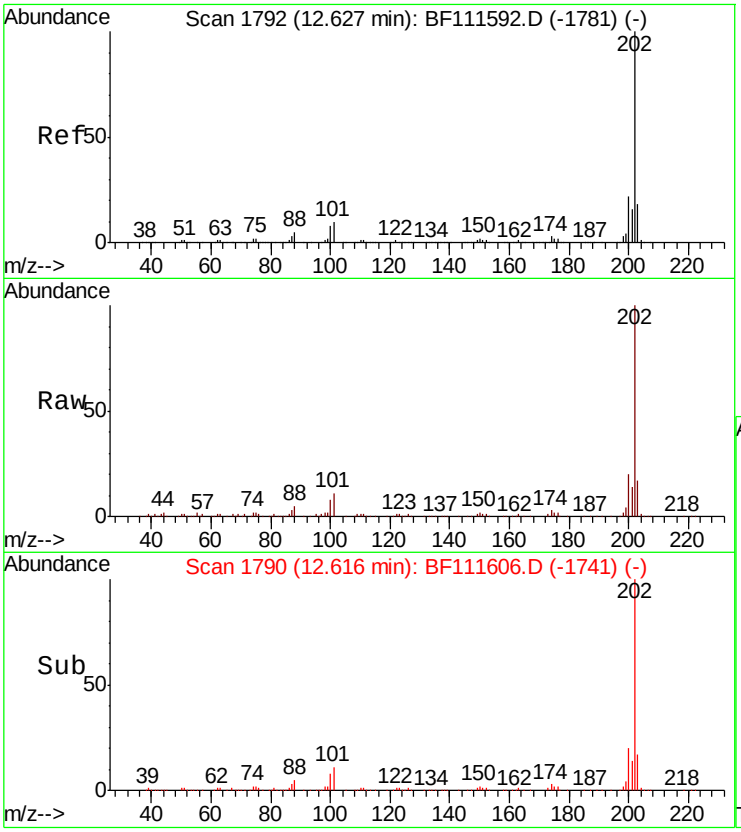


#74
Di-n-butylphthalate
Concen: 0.094 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:149 Resp: 3524

Ion	Ratio	Lower	Upper
149	100		
150	0.0	8.8	13.2#
104	13.4	4.5	6.7#



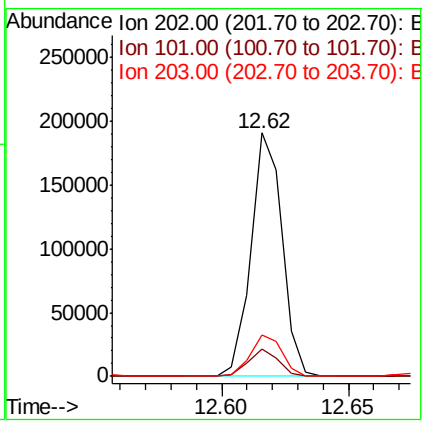


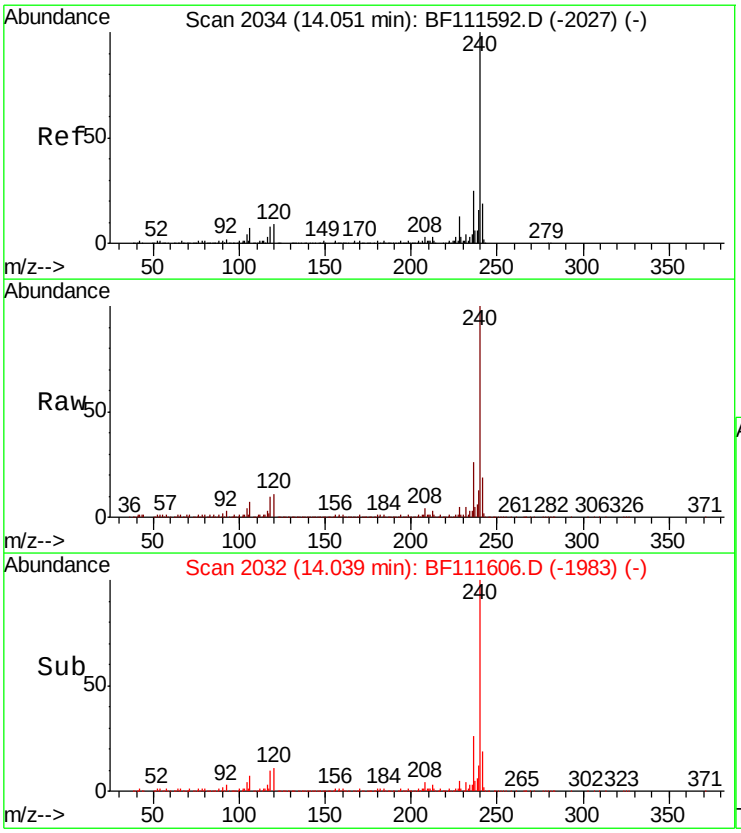
#75
Fluoranthene
Concen: 4.717 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:202 Resp: 163414

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.8
203	17.1	0.0	38.6

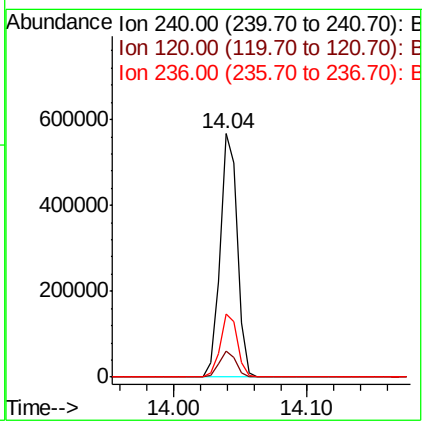


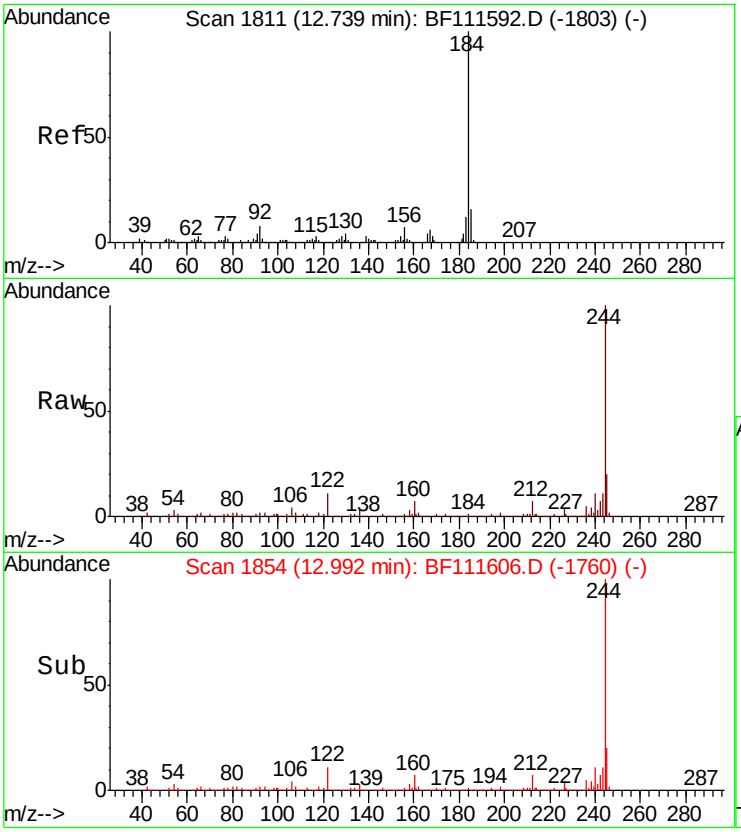


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:240 Resp: 518829

Ion	Ratio	Lower	Upper
240	100		
120	10.9	12.2	18.2#
236	25.8	20.2	30.2



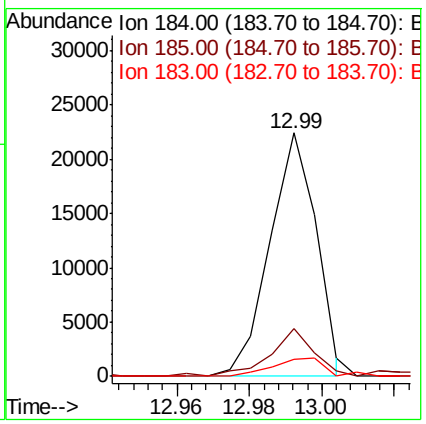


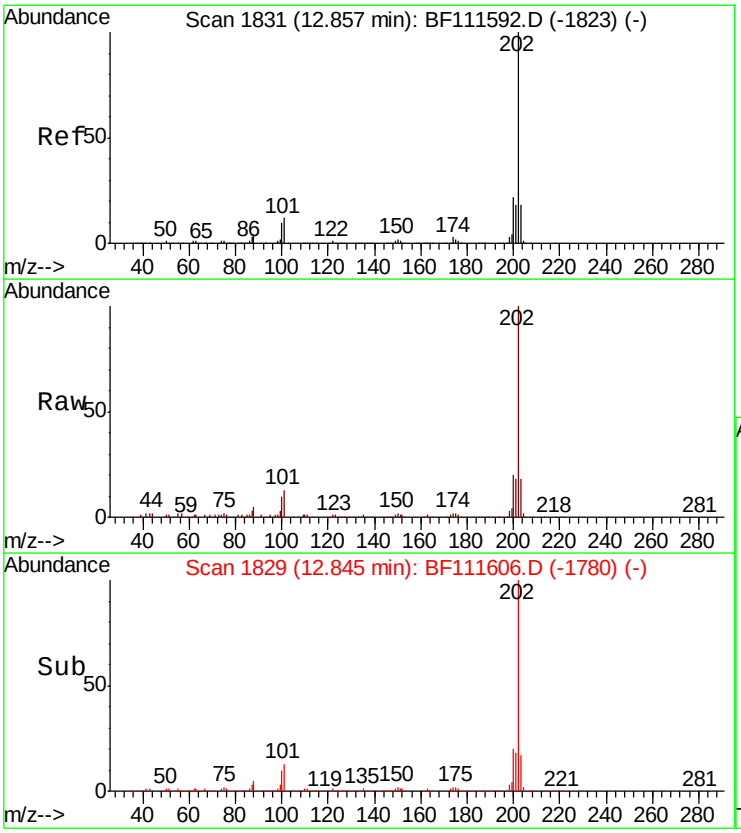
#77
Benzidine
Concen: 1.026 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.25 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:184 Resp: 20023

Ion	Ratio	Lower	Upper
184	100		
185	19.8	13.0	19.6#
183	7.2	9.3	13.9#

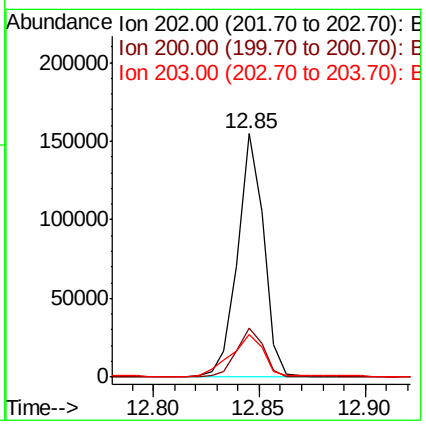


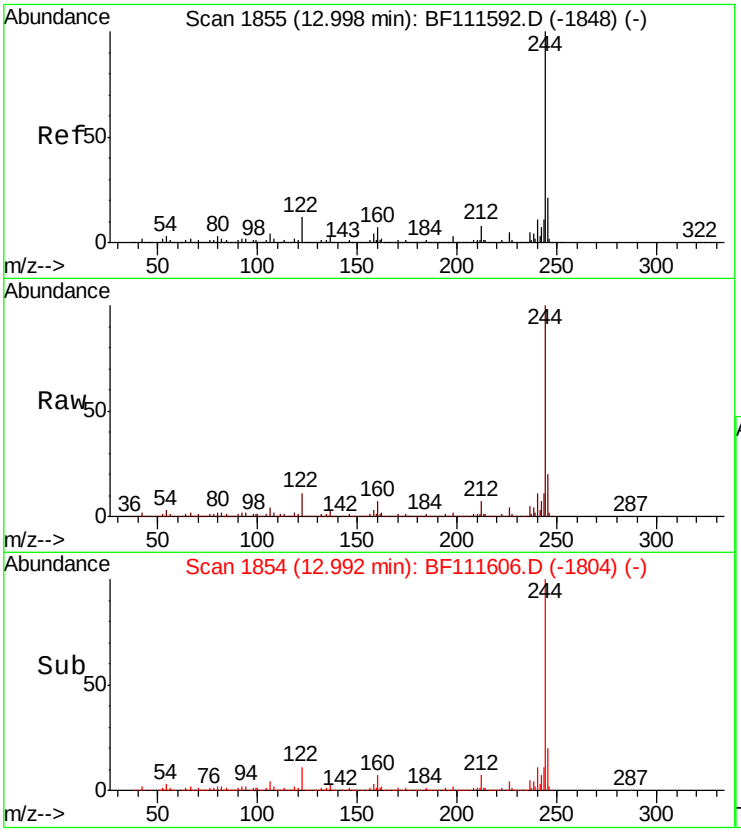


#78
Pyrene
Concen: 3.617 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:202 Resp: 132510

Ion	Ratio	Lower	Upper
202	100		
200	19.9	19.0	28.4
203	17.8	15.2	22.8



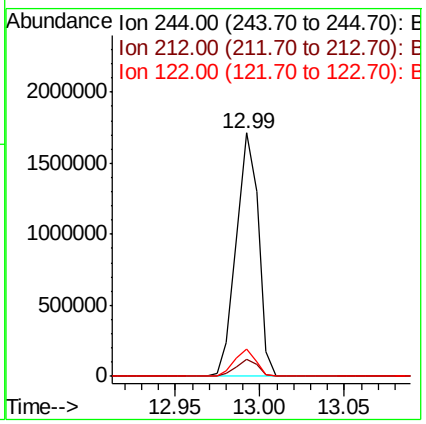


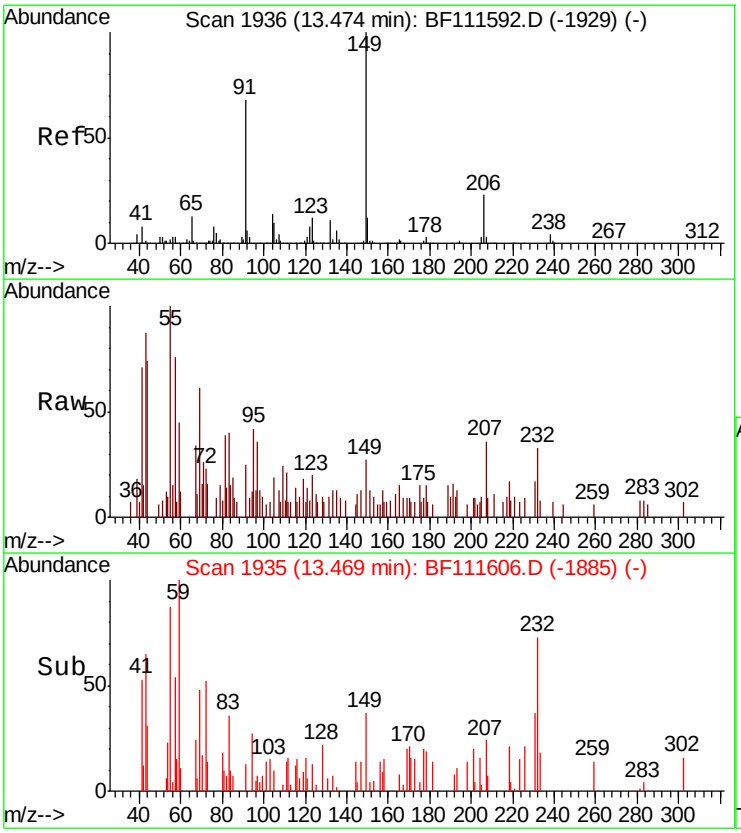
#79
Terphenyl-d14
Concen: 57.171 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:244 Resp: 1564097

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	11.5	13.1	19.7#

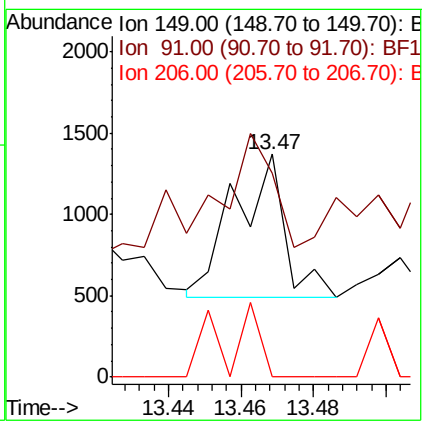


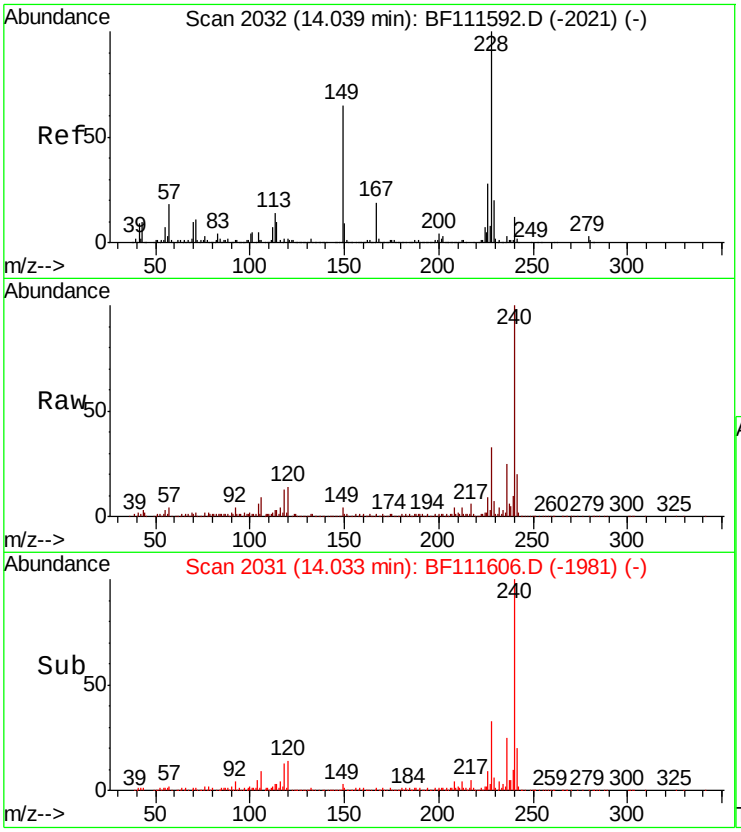


#80
Butylbenzylphthalate
Concen: 0.057 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:149 Resp: 855

Ion	Ratio	Lower	Upper
149	100		
91	91.3	63.8	95.6
206	0.0	15.1	22.7#



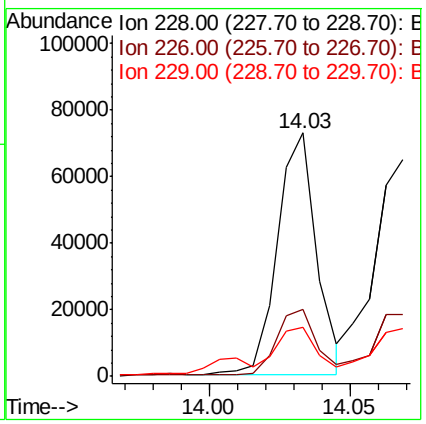


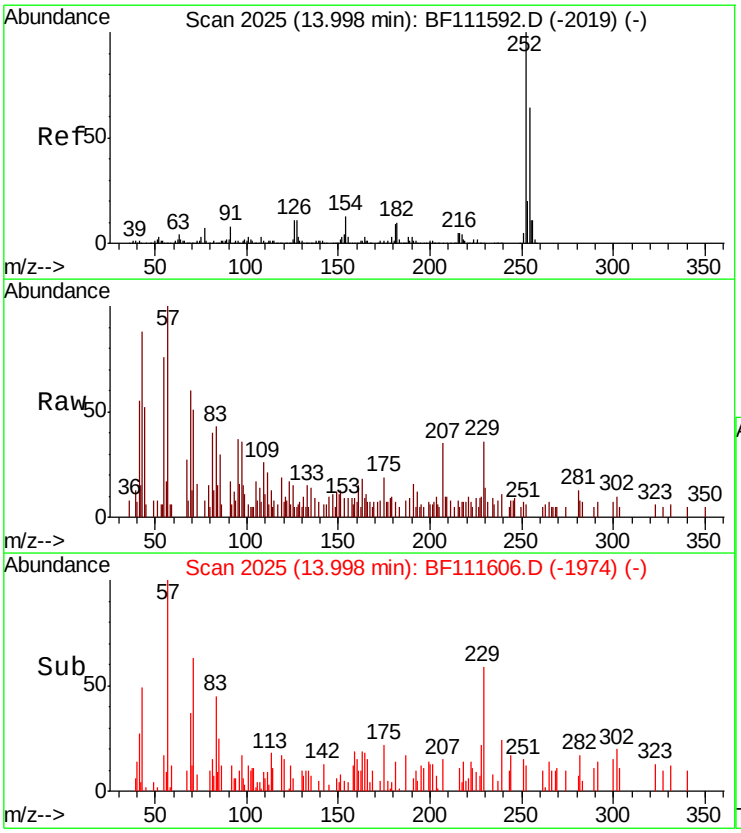
#81
Benzo(a)anthracene
Concen: 2.369 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:228 Resp: 70159

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	20.1	16.3	24.5

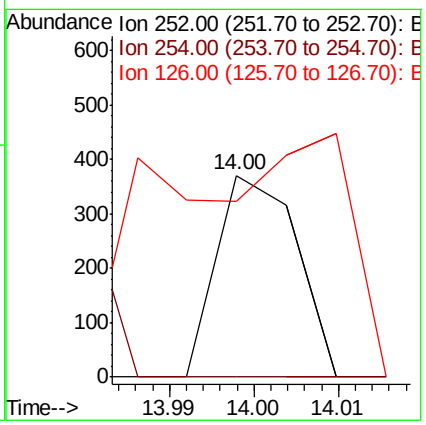


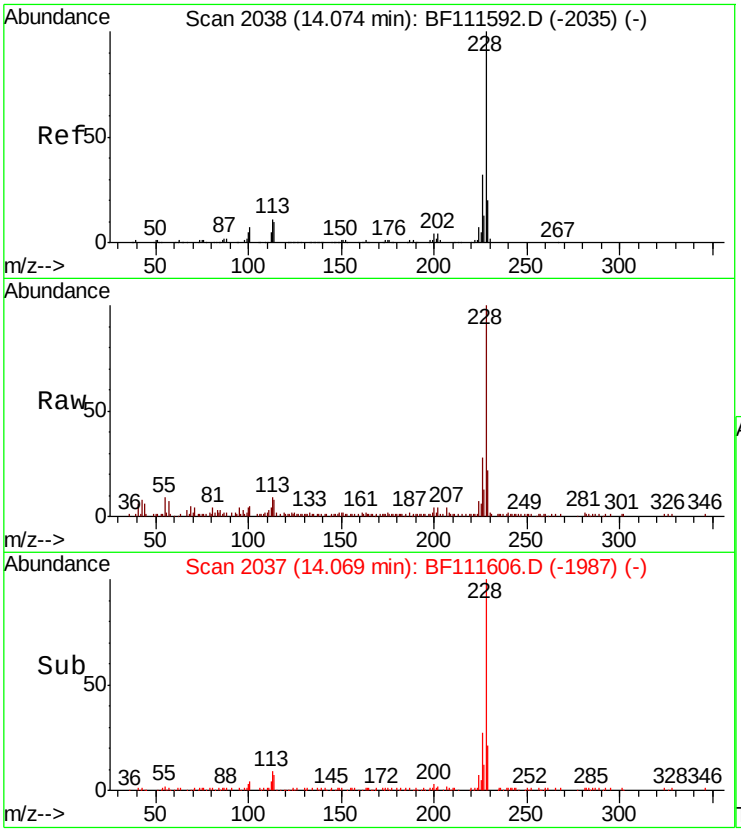


#82
3,3'-Dichlorobenzidine
Concen: 0.021 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:252 Resp: 243

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.7	79.1#
126	87.1	11.1	16.7#



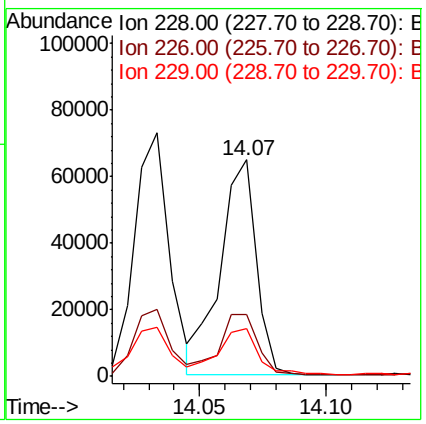


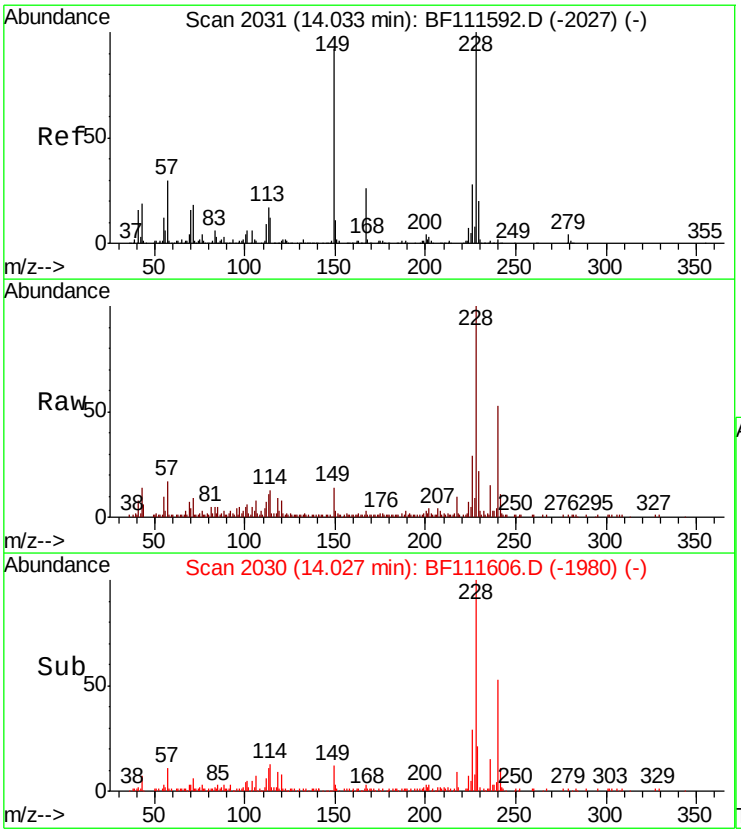
#83
Chrysene
Concen: 2.212 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:228 Resp: 64365

Ion	Ratio	Lower	Upper
228	100		
226	28.3	25.3	37.9
229	22.2	17.2	25.8

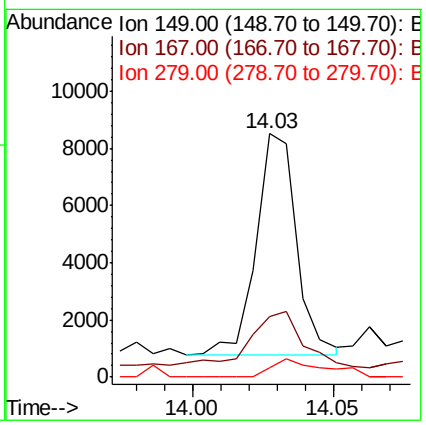


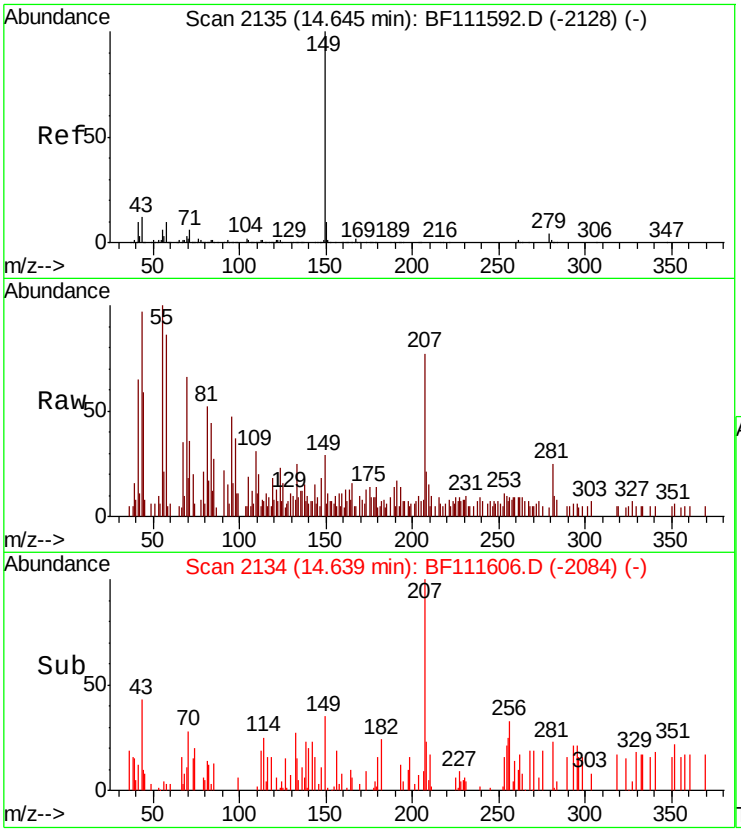


#84
Bis(2-ethylhexyl)phthalate
Concen: 0.411 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:149 Resp: 7741

Ion	Ratio	Lower	Upper
149	100		
167	25.1	22.5	33.7
279	3.8	2.6	4.0



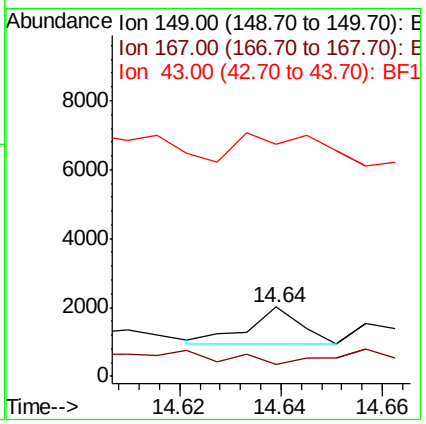


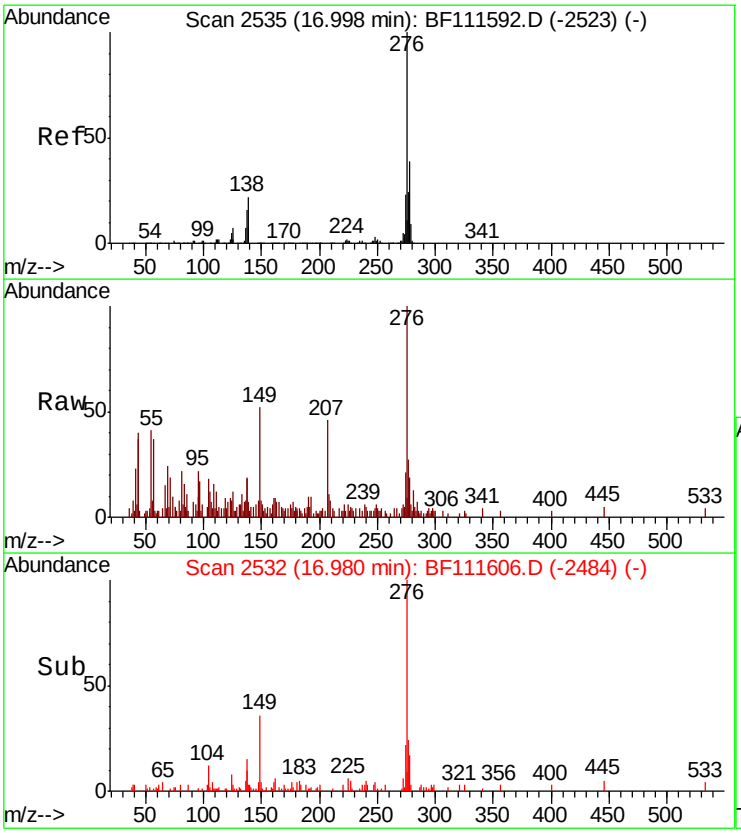
#85
Di-n-octyl phthalate
Concen: 0.026 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:149 Resp: 766

Ion	Ratio	Lower	Upper
149	100		
167	90.1	1.3	1.9#
43	173.0	10.9	16.3#

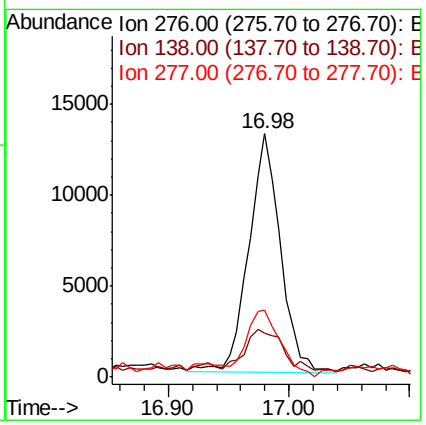


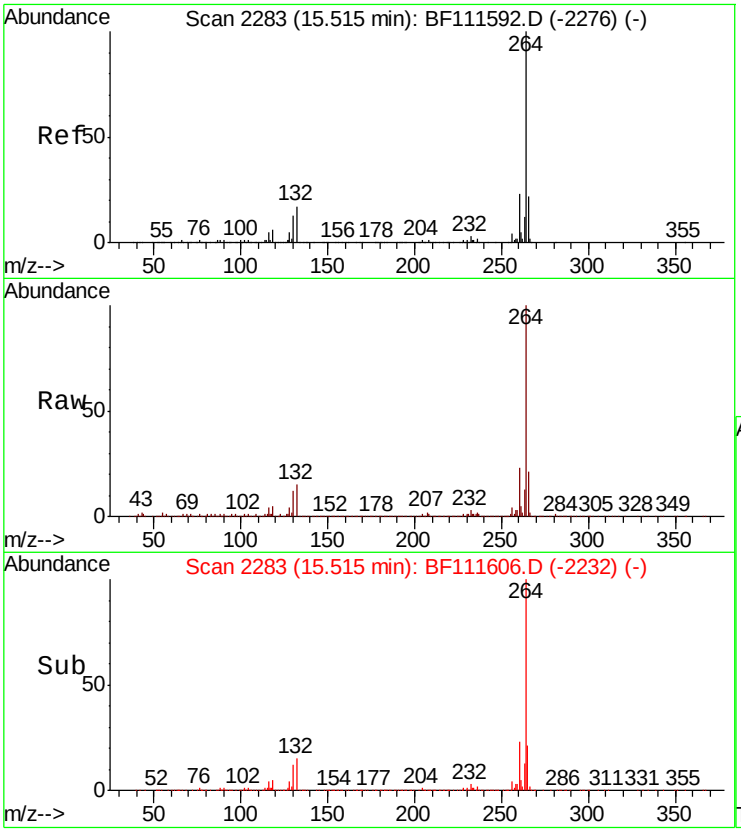


#86
Indeno(1,2,3-cd)pyrene
Concen: 0.966 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:276 Resp: 23902

Ion	Ratio	Lower	Upper
276	100		
138	21.6	27.8	41.6#
277	30.1	20.1	30.1



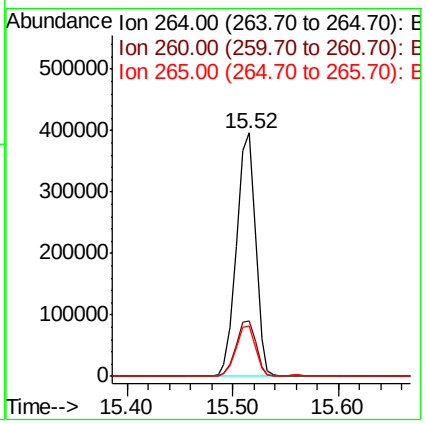


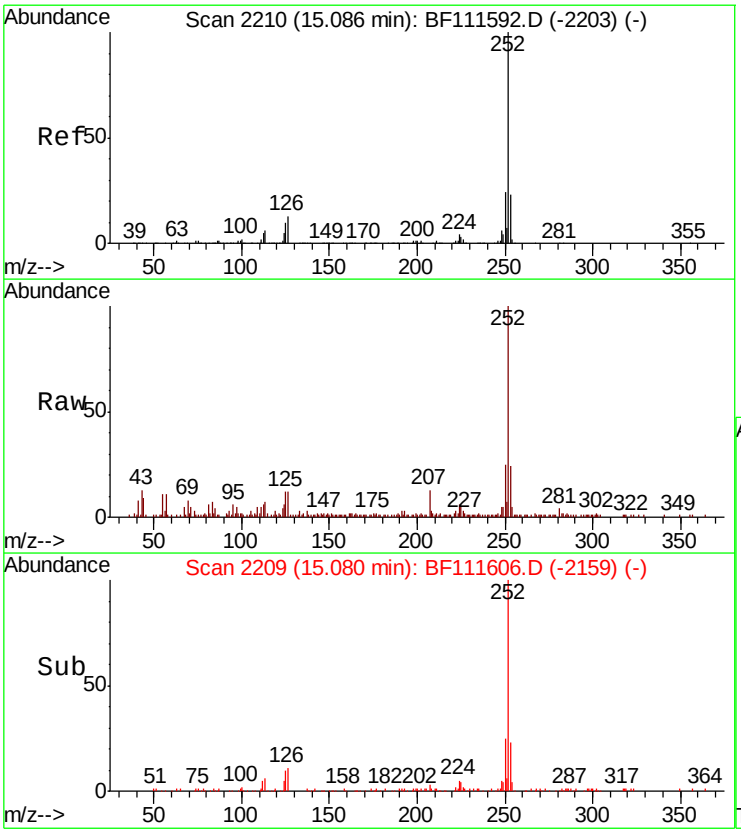
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:264 Resp: 489596

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	20.9	17.7	26.5

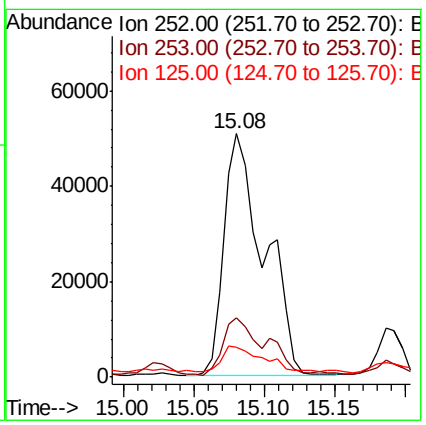


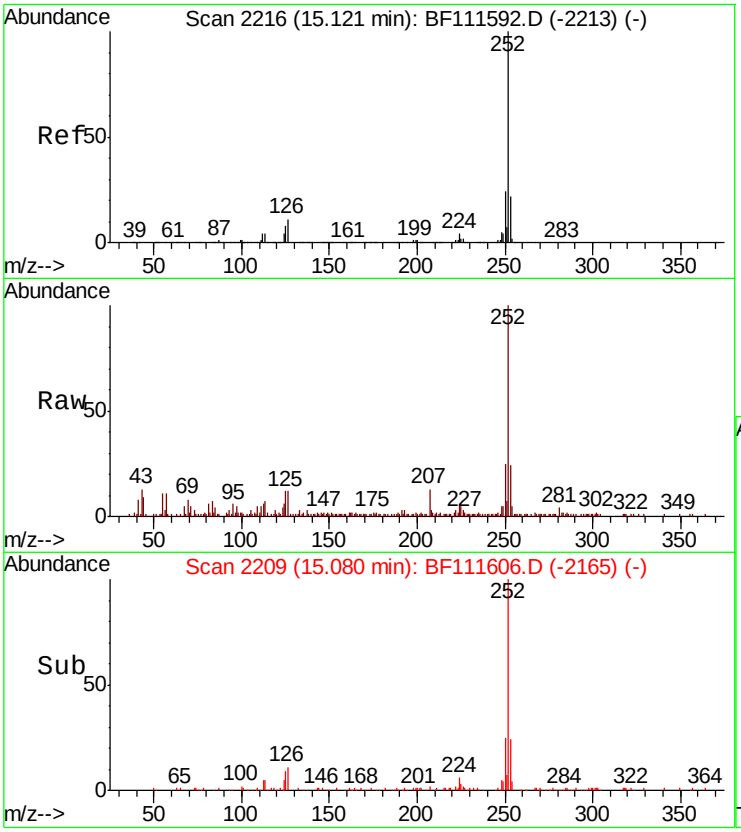


#88
Benzo(b)fluoranthene
Concen: 3.511 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:252 Resp: 100457

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.2	10.4	15.6



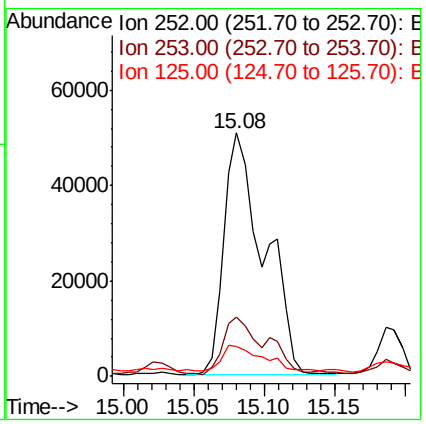


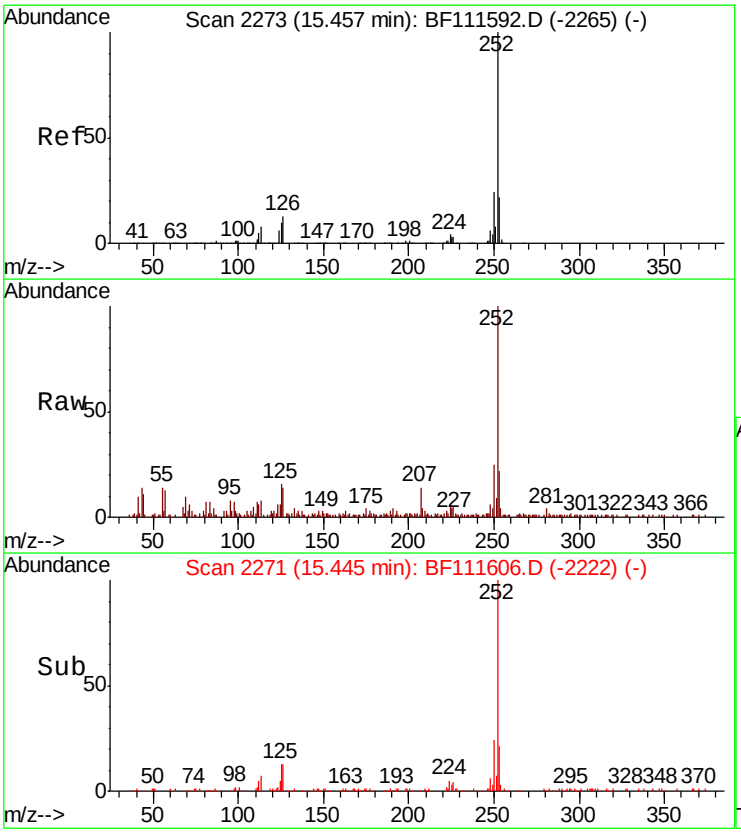
#89
Benzo(k)fluoranthene
Concen: 3.688 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.04 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:252 Resp: 100457

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.1	27.1
125	12.2	9.8	14.8

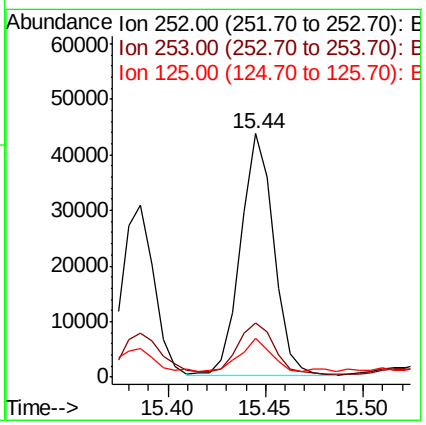


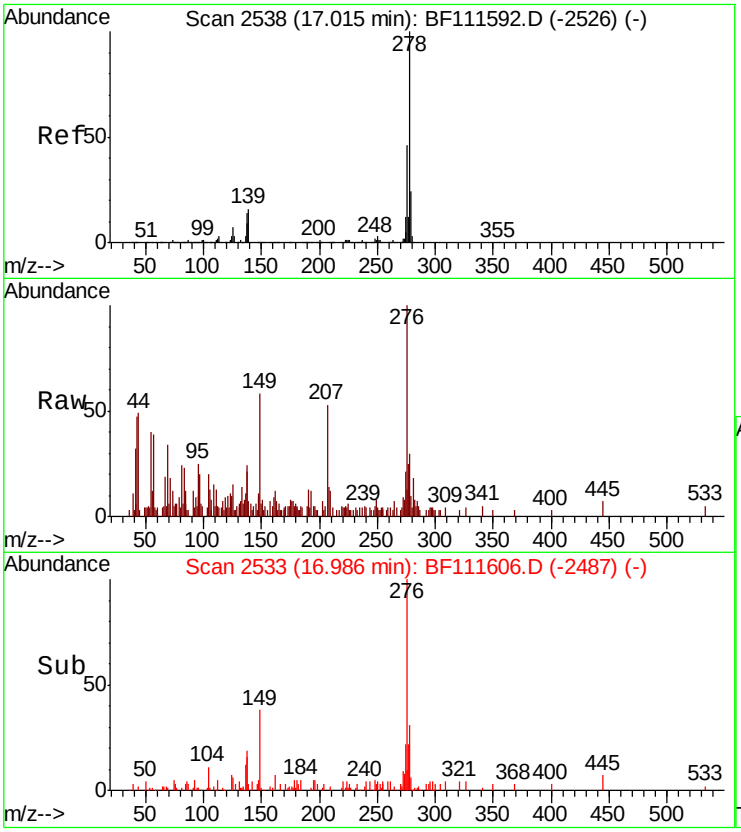


#90
Benzo(a)pyrene
Concen: 1.957 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:252 Resp: 50877

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	15.9	12.3	18.5



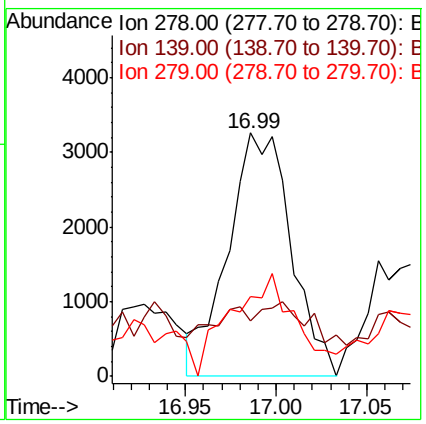


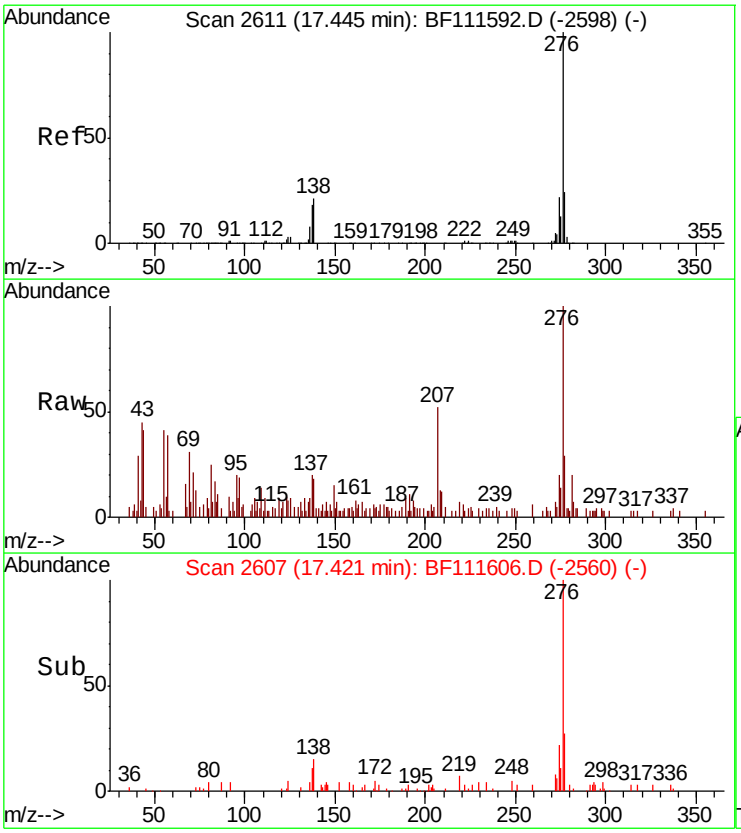
#91
Dibenzo(a,h)anthracene
Concen: 0.348 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.03 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-2-120718

Tgt Ion:278 Resp: 7921

Ion	Ratio	Lower	Upper
278	100		
139	22.8	18.2	27.4
279	32.6	19.0	28.6#





#92
Benzo(g,h,i)perylene
Concen: 1.034 ng
RT: 17.42 min Scan# 2607
Delta R.T. -0.02 min
Lab File: BF111606.D
Acq: 19 Dec 2018 22:39

Tgt Ion:276 Resp: 22982

Ion	Ratio	Lower	Upper
276	100		
277	28.8	19.2	28.8
138	18.3	24.9	37.3#