Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118570.D
Acq On : 17 Jan 2020 20:55
Operator : JU
Sample : L1010-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011620

Quant Time: Jan 18 01:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	318067	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	1158016	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	638177	20.00	ng		-0.01
64) Phenanthrene-d10	11.41	188	1186087	20.00	ng		0.00
76) Chrysene-d12	14.04	240	997506	20.00	ng		-0.01
87) Perylene-d12	15.52	264	1019866	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	2401330	139.50	ng		0.01
7) Phenol-d6	6.52	99	2911980	129.10	ng		0.00
23) Nitrobenzene-d5	7.45	82	1963588	104.73	ng		-0.01
42) 2,4,6-Tribromophenol	10.71	330	1103257	156.38	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	3648570	103.21	ng		0.00
79) Terphenyl-d14	13.00	244	4528481	89.66	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.56	79	25575	1.120	ng		93
4) n-Nitrosodimethylamine	3.36	42	428	0.041	ng	#	1
6) Aniline	6.55	93	1710	0.058	ng	#	58
8) 2-Chlorophenol	6.67	128	720	0.037	ng	#	1
9) Benzaldehyde	6.51	77	5230	0.453	ng	#	3
10) Phenol	6.52	94	1202	0.049	ng	#	1
11) bis(2-Chloroethyl)ether	6.66	93	4282	0.216	ng	#	1
12) 1,3-Dichlorobenzene	7.05	146	106	0.005	ng	#	1
13) 1,4-Dichlorobenzene	7.05	146	106	0.005	ng	#	1
14) 1,2-Dichlorobenzene	7.05	146	106	0.005	ng	#	1
15) Benzyl Alcohol	7.05	79	36632	1.979	ng	#	47
16) 2,2'-oxybis(1-Chloropropan	7.18	45	232	0.008	ng		65
17) 2-Methylphenol	7.05	107	422	0.025	ng	#	1
18) Hexachloroethane	7.42	117	226	0.027	ng	#	1
19) n-Nitroso-di-n-propylamine	7.45	70	280259	17.327	ng	#	77
20) 3+4-Methylphenols	7.27	107	119	0.006	ng	#	14
22) Acetophenone	7.29	105	2633	0.094	ng	#	89
24) Nitrobenzene	7.45	77	7370	0.370	ng	#	32
25) Isophorone	7.45	82	1956050	48.068	ng	#	63
27) 2,4-Dimethylphenol	7.83	122	1402	0.087	ng	#	4
28) bis(2-Chloroethoxy)methane	7.77	93	318	0.012	ng	#	48
30) 1,2,4-Trichlorobenzene	8.11	180	113	0.005	ng	#	12
31) Naphthalene	8.19	128	12183	0.223	ng		97
32) Benzoic acid	7.83	122	1402	7.960	ng		96
33) 4-Chloroaniline	8.23	127	931	0.037	ng	#	56
35) Caprolactam	8.82	113	1024	0.185	ng	#	9
37) 2-Methylnaphthalene	8.88	142	3837	0.099	ng		97
38) 1-Methylnaphthalene	8.98	142	2776	0.076	ng	#	98
46) 1,1'-Biphenyl	9.35	154	10220	0.224	ng		91
47) 2-Chloronaphthalene	9.37	162	302	0.008	ng	#	38
48) 2-Nitroaniline	9.25	65	6819	0.682	ng	#	1
49) Acenaphthylene	9.79	152	714	0.013	ng	#	57
51) 2,6-Dinitrotoluene	9.92	165	83614	10.001	ng	#	27
52) Acenaphthene	9.96	154	1619	0.046	ng	#	94

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

Quantitation Report (Not Reviewed)

Data File : BF118570.D
Acq On : 17 Jan 2020 20:55
Operator : JU
Sample : L1010-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-02-011620

Quant Time: Jan 18 01:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) Dibenzofuran	10.13	168	1989	0.040	ng	#	76
56) 4-Nitrophenol	10.13	139	975	0.139	ng	#	4
57) 2,4-Dinitrotoluene	9.92	165	83614	11.830	ng	#	23
58) Fluorene	10.47	166	2337	0.060	ng	#	87
60) Diethylphthalate	10.34	149	1515	0.035	ng	#	81
61) 4-Chlorophenyl-phenylether	10.46	204	150	0.007	ng	#	30
63) Azobenzene	10.62	77	1231	0.030	ng	#	35
65) 4,6-Dinitro-2-methylphenol	10.71	198	2409	10.123	ng	#	1
66) n-Nitrosodiphenylamine	10.71	169	30248	0.794	ng	#	47
67) 4-Bromophenyl-phenylether	10.71	248	68325	4.303	ng	#	1
71) Phenanthrene	11.43	178	6759	0.113	ng	#	88
72) Anthracene	11.48	178	1377	0.023	ng	#	56
73) Carbazole	11.63	167	1471	0.027	ng	#	56
74) Di-n-butylphthalate	11.97	149	2560	0.038	ng	#	74
75) Fluoranthene	12.62	202	2305	0.036	ng		91
77) Benzidine	13.00	184	64665	2.668	ng	#	95
78) Pyrene	12.84	202	1768	0.024	ng	#	83
80) Butylbenzylphthalate	13.47	149	519	0.016	ng	#	50
81) Benzo(a)anthracene	14.04	228	4305	0.068	ng	#	67
82) 3,3'-Dichlorobenzidine	13.99	252	471	0.021	ng	#	25
83) Chrysene	14.04	228	4305	0.071	ng	#	64
84) Bis(2-ethylhexyl)phthalate	14.03	149	4181	0.106	ng	#	92
85) Di-n-octyl phthalate	14.64	149	877	0.014	ng	#	1
86) Indeno(1,2,3-cd)pyrene	16.99	276	136	0.002	ng	#	52
88) Benzo(b)fluoranthene	15.09	252	688	0.010	ng	#	58
89) Benzo(k)fluoranthene	15.11	252	454	0.008	ng	#	24
90) Benzo(a)pyrene	15.44	252	752	0.013	ng	#	59
92) Benzo(g,h,i)perylene	17.40	276	134	0.003	ng	#	55

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

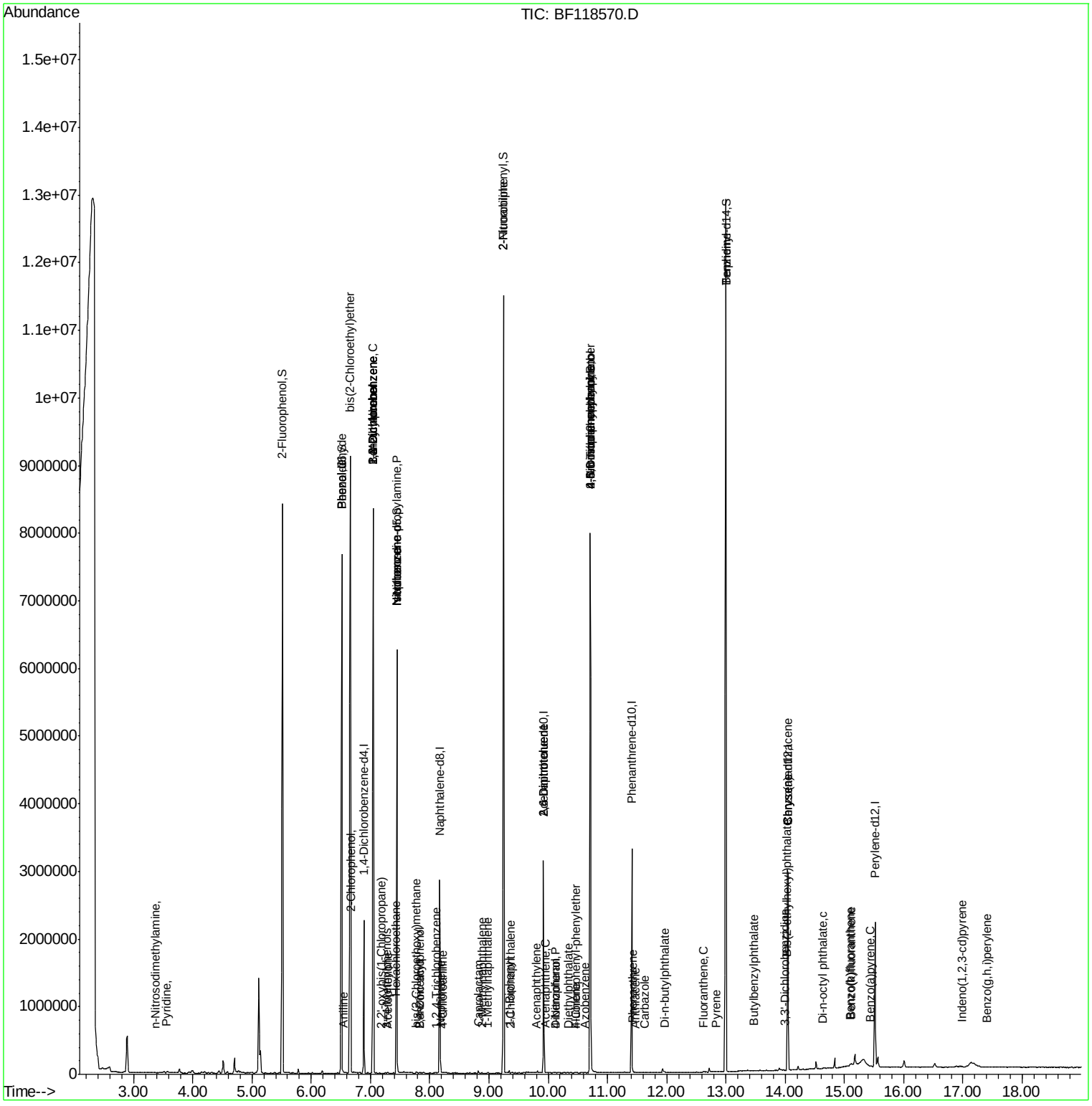
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011720\

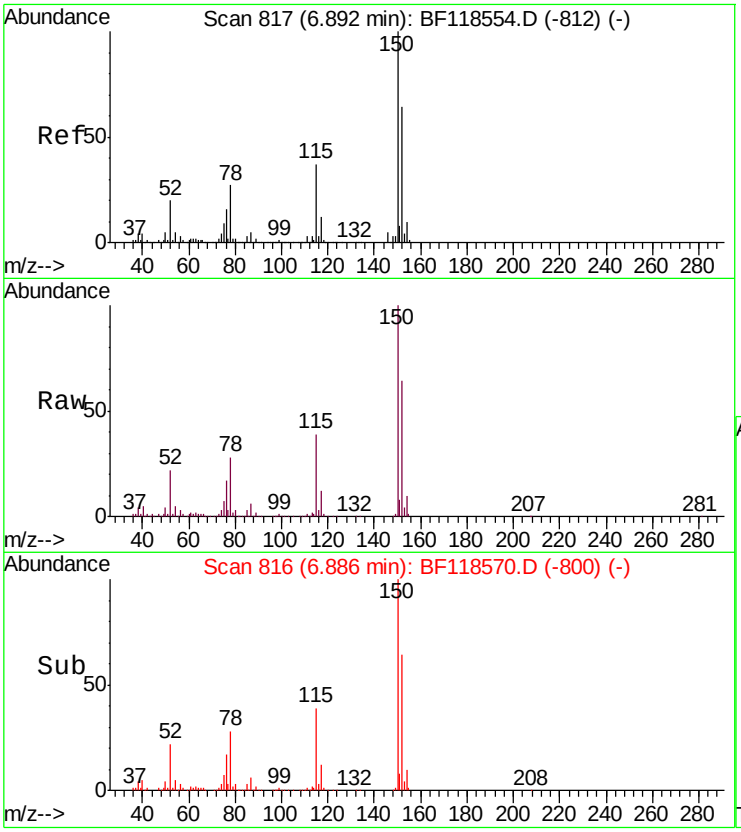
Quantitation Report (Not Reviewed)

Data File : BF118570.D
Acq On : 17 Jan 2020 20:55
Operator : JU
Sample : L1010-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Quant Time: Jan 18 01:06:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration



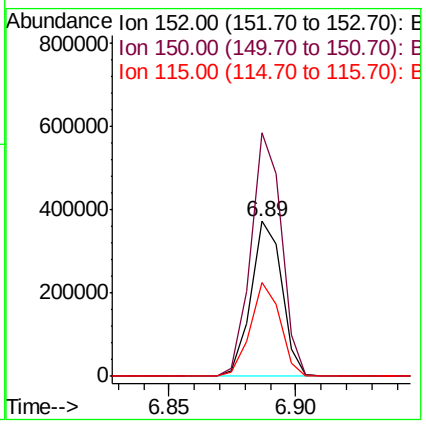


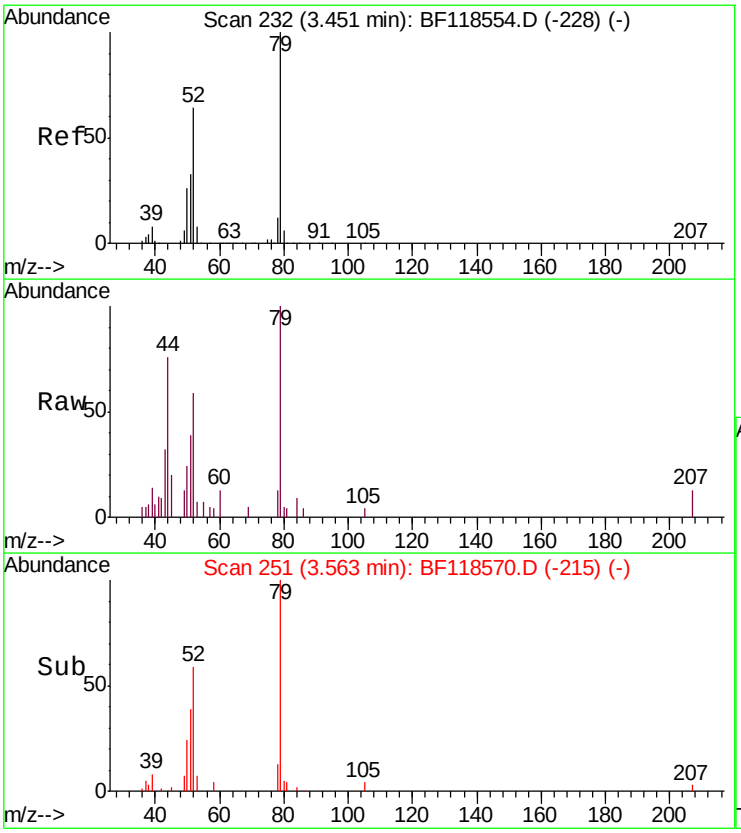
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:152 Resp: 318067

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.9	187.3
115	60.6	45.8	68.6

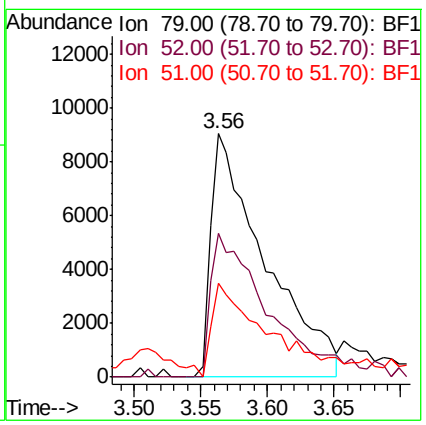


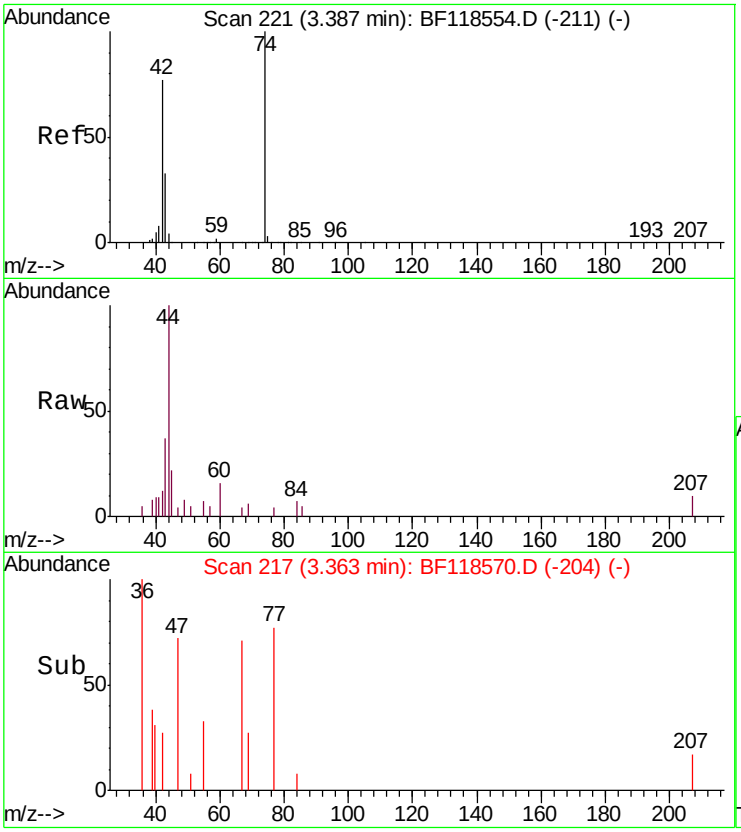


#3
Pyridine
Concen: 1.120 ng
RT: 3.56 min Scan# 251
Delta R.T. 0.11 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 79 Resp: 25575

Ion	Ratio	Lower	Upper
79	100		
52	59.1	51.3	76.9
51	38.8	26.7	40.1



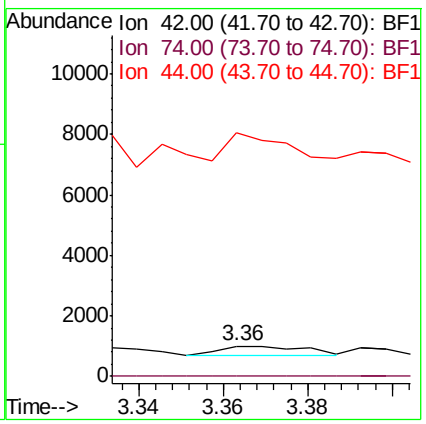


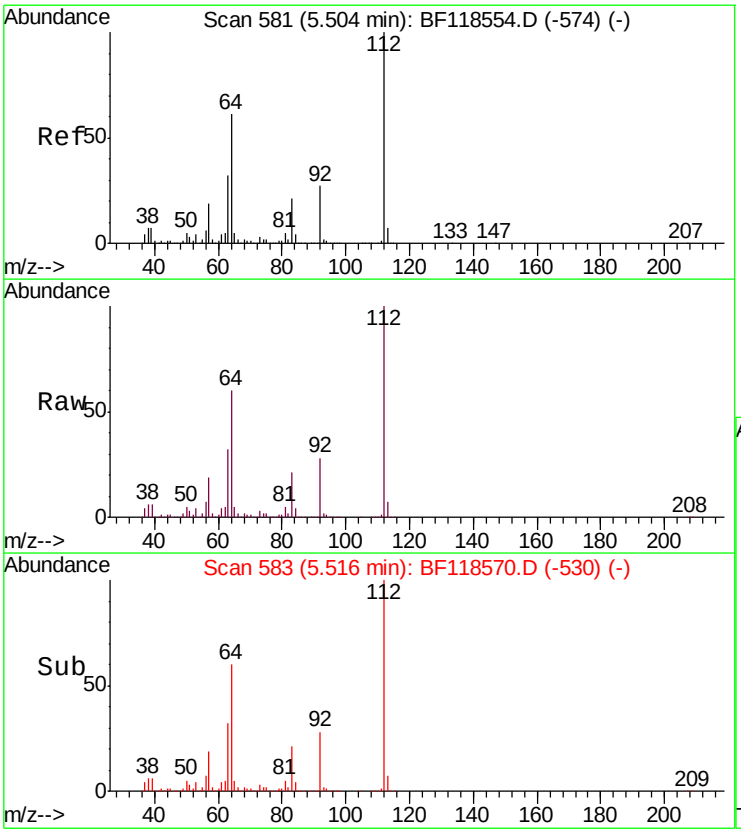
#4
n-Nitrosodimethylamine
Concen: 0.041 ng
RT: 3.36 min Scan# 217
Delta R.T. -0.02 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 42 Resp: 428

Ion	Ratio	Lower	Upper
42	100		
74	0.0	103.1	154.7#
44	815.6	5.4	8.2#

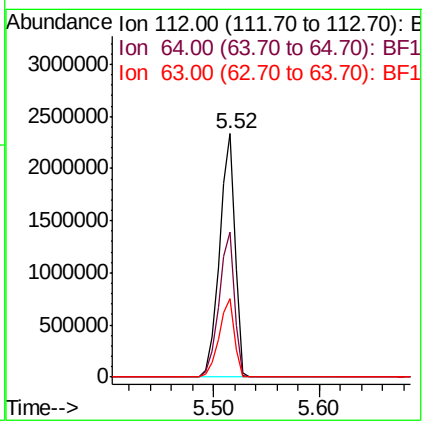


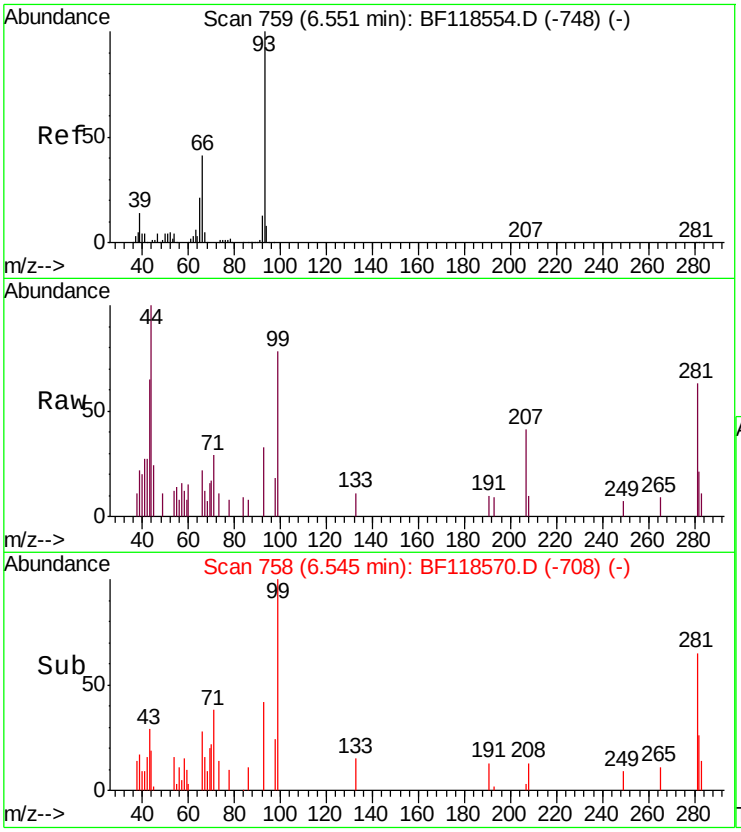


#5
2-Fluorophenol
Concen: 139.499 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:112 Resp: 2401330

Ion	Ratio	Lower	Upper
112	100		
64	59.7	49.1	73.7
63	32.1	25.8	38.8



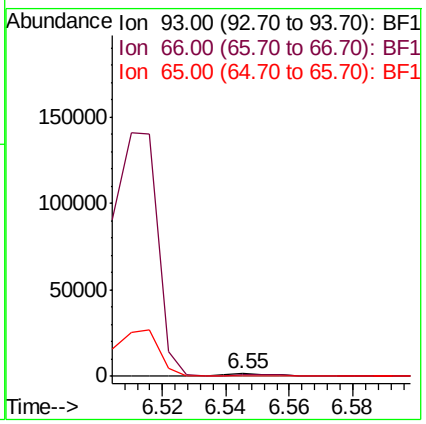


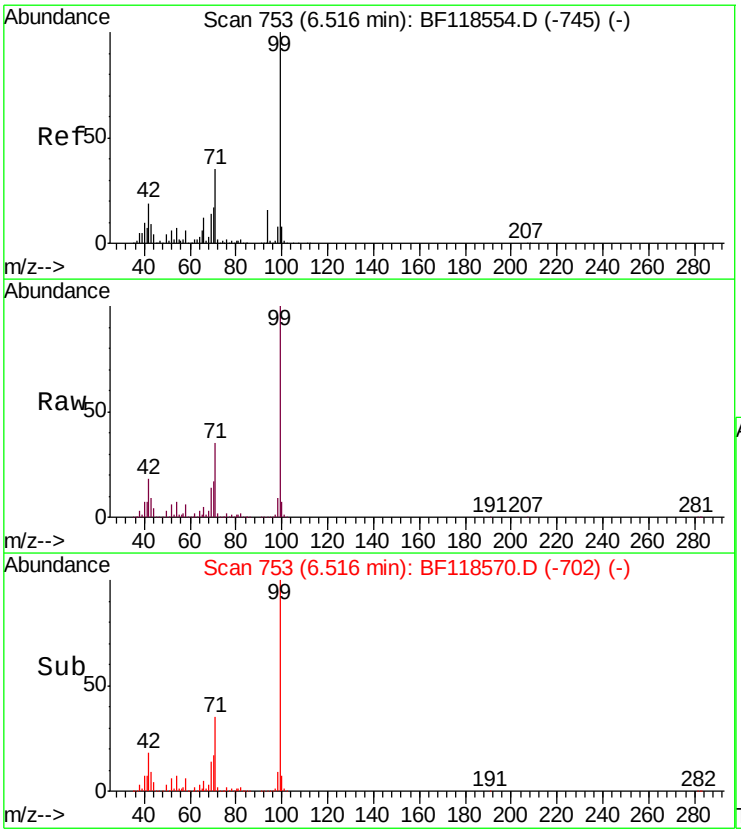
#6
Aniline
Concen: 0.058 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 93 Resp: 1710

Ion	Ratio	Lower	Upper
93	100		
66	66.2	32.9	49.3#
65	0.0	16.5	24.7#

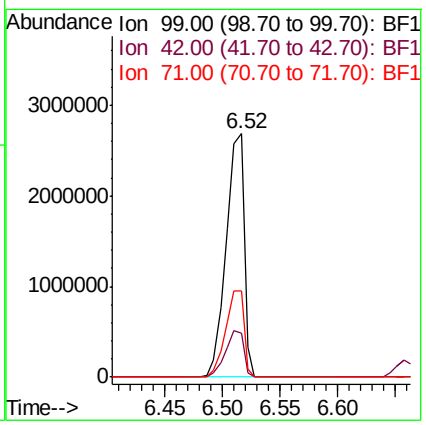


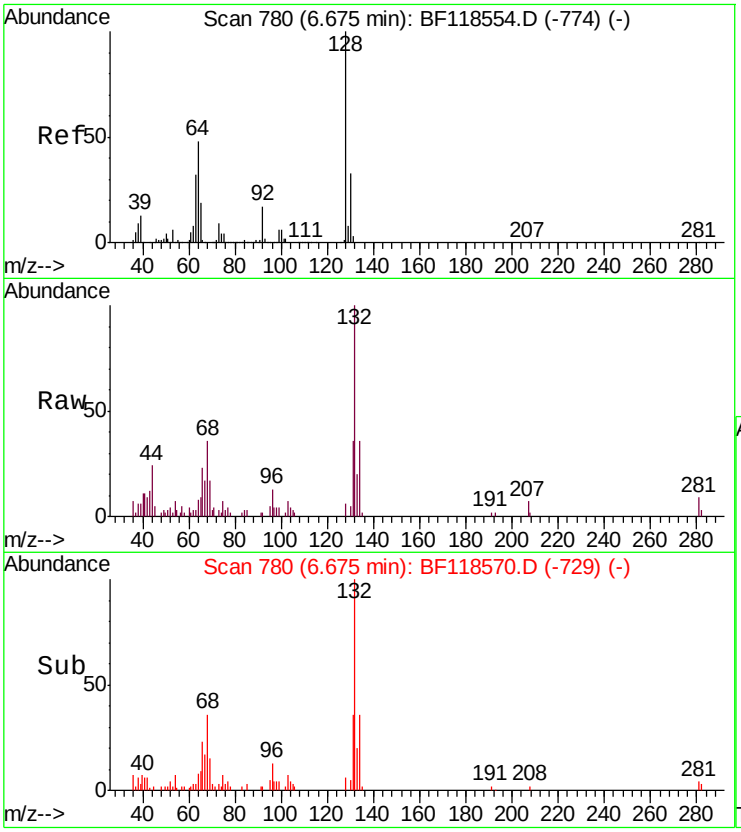


#7
Phenol-d6
Concen: 129.102 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 99 Resp: 2911980

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.9	22.3
71	35.3	28.3	42.5



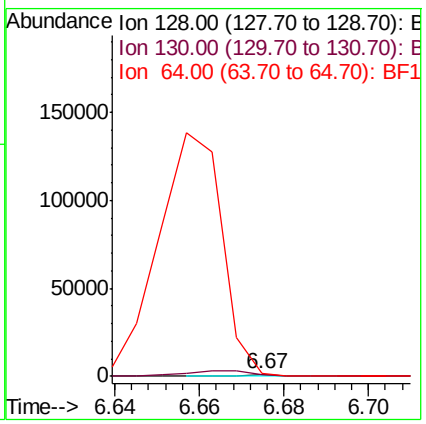


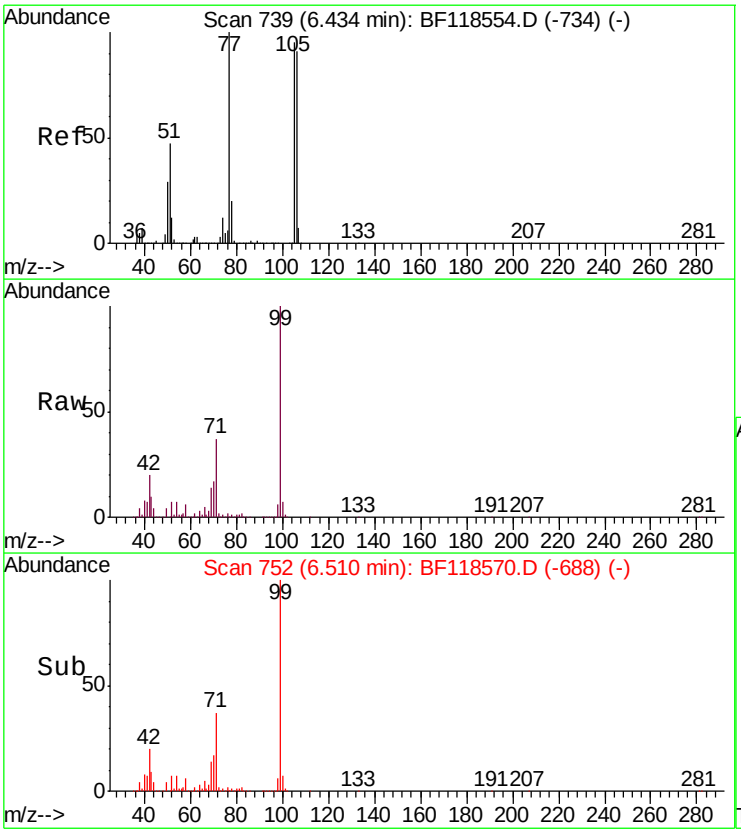
#8
2-Chlorophenol
Concen: 0.037 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:128 Resp: 720

Ion	Ratio	Lower	Upper
128	100		
130	83.3	13.2	53.2#
64	137.0	28.9	68.9#

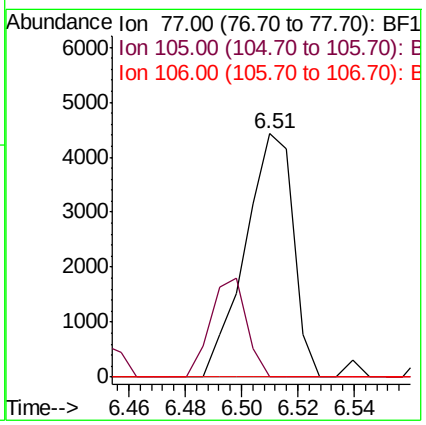


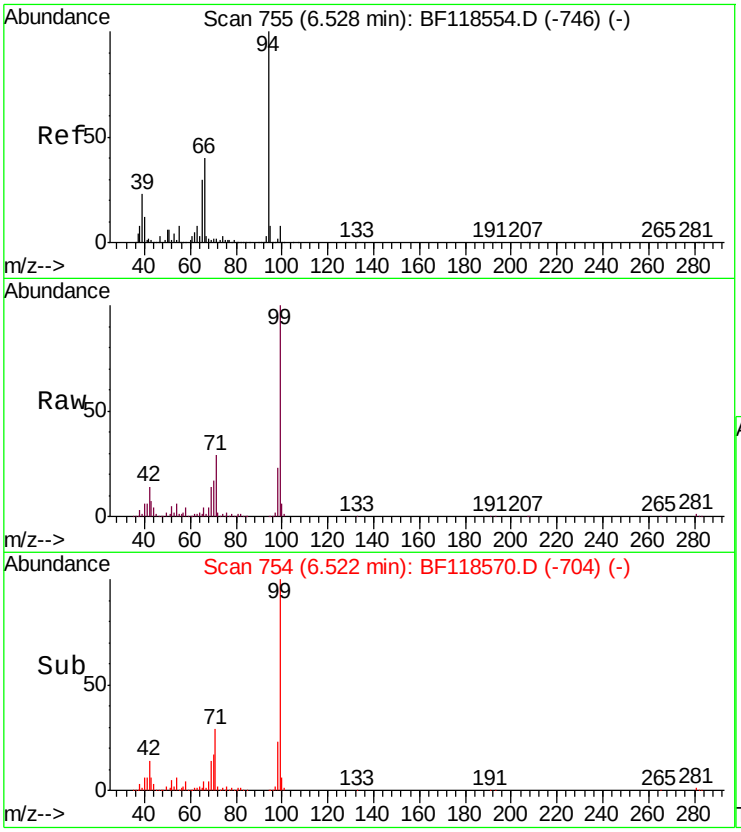


#9
Benzaldehyde
Concen: 0.453 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.08 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 77 Resp: 5230

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.2	115.2#
106	0.0	71.4	111.4#



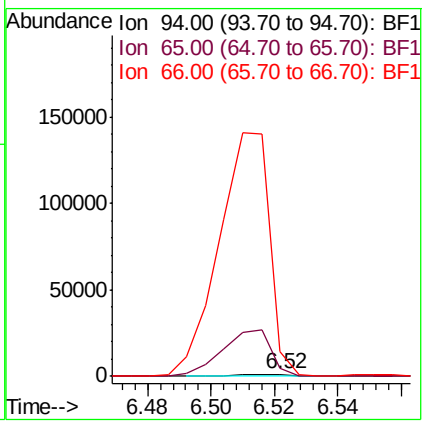


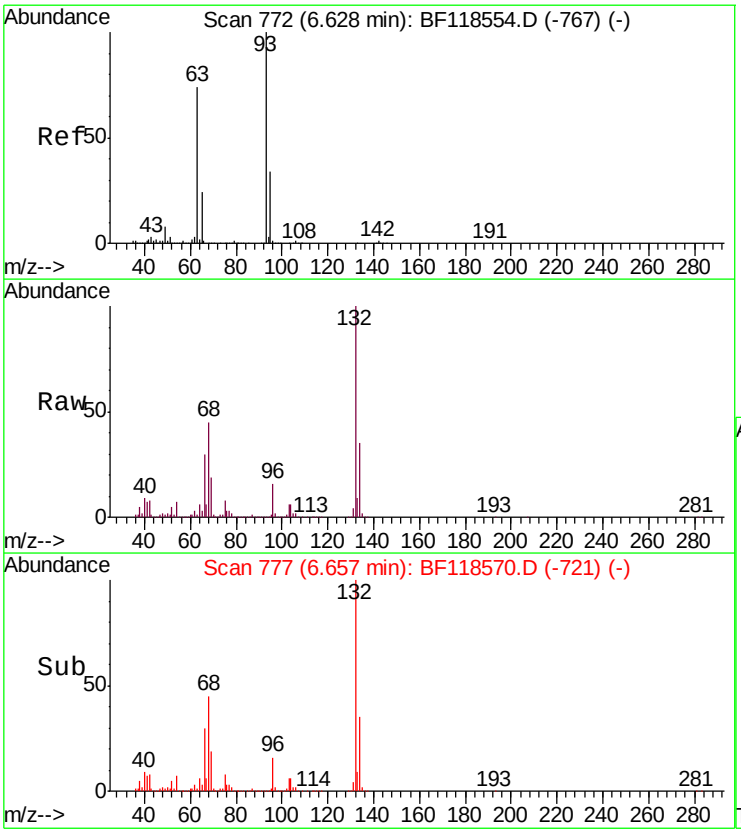
#10
Phenol
Concen: 0.049 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 94 Resp: 1202

Ion	Ratio	Lower	Upper
94	100		
65	371.4	9.8	49.8#
66	1226.5	19.5	59.5#

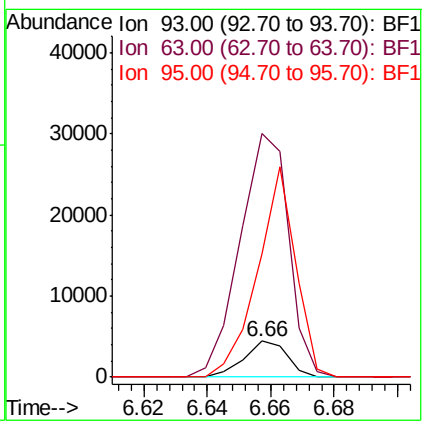


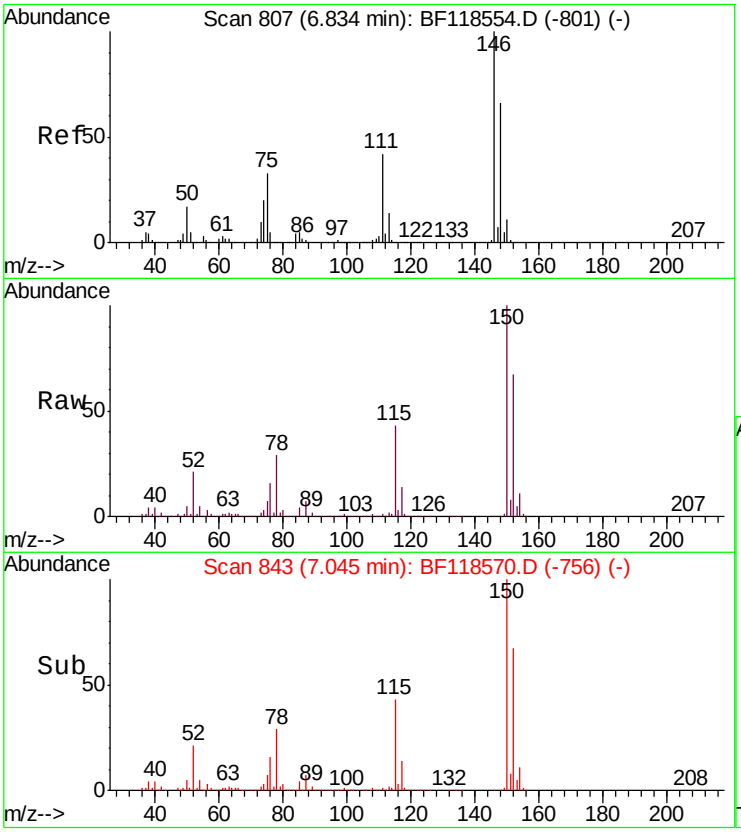


#11
bis(2-Chloroethyl)ether
Concen: 0.216 ng
RT: 6.66 min Scan# 777
Delta R.T. 0.03 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 93 Resp: 4282

Ion	Ratio	Lower	Upper
93	100		
63	680.9	54.0	94.0#
95	344.2	13.5	53.5#



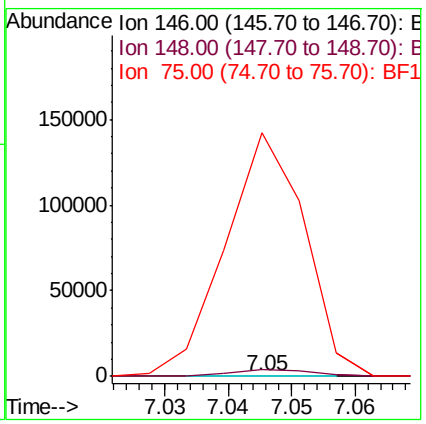


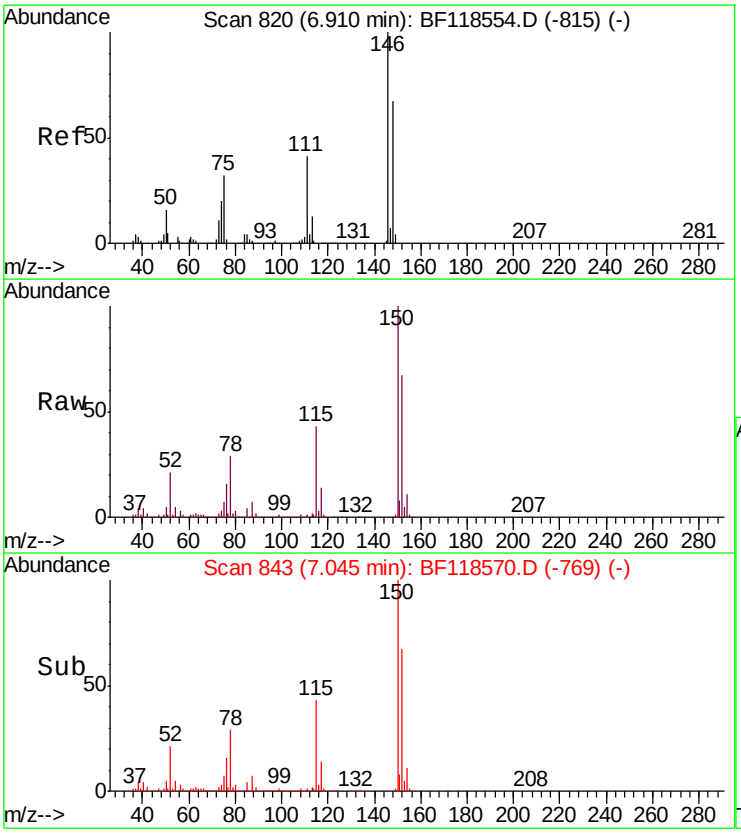
#12
1,3-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.21 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	1279.1	53.0	79.6#
75	47245.2	26.5	39.7#

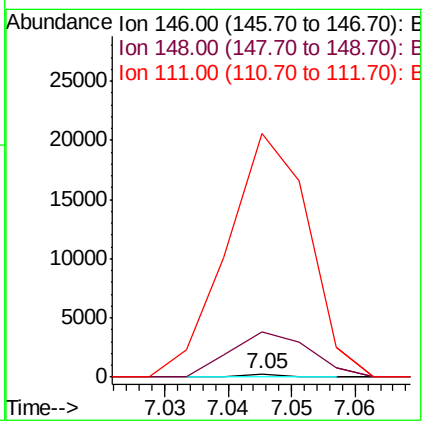


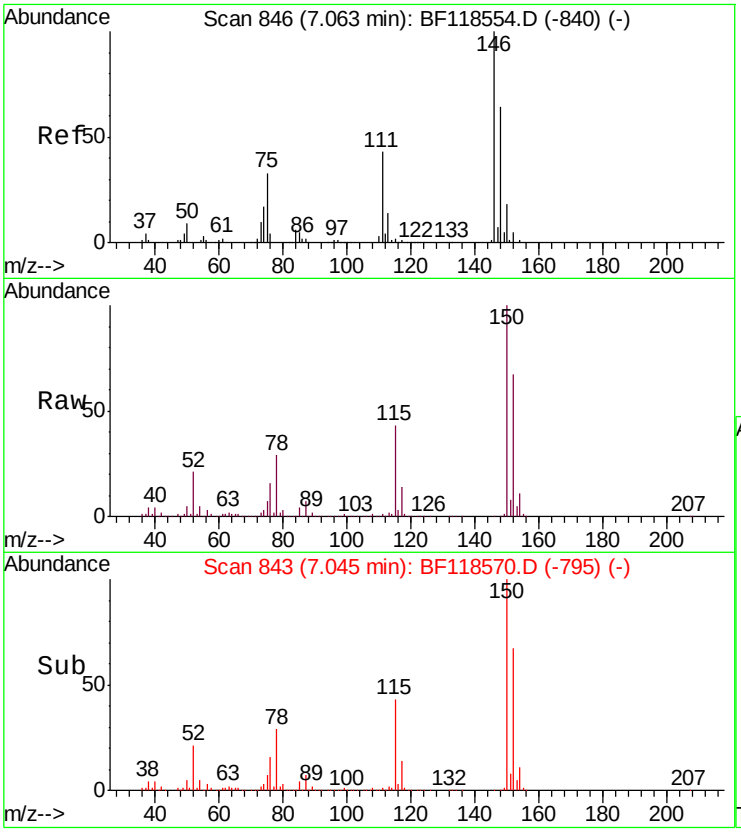


#13
1,4-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.14 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	1279.1	53.4	80.2#
111	6833.2	32.6	48.8#



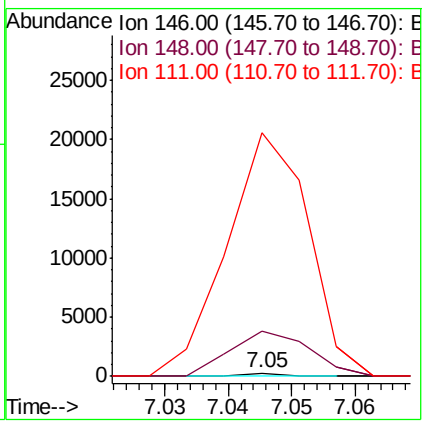


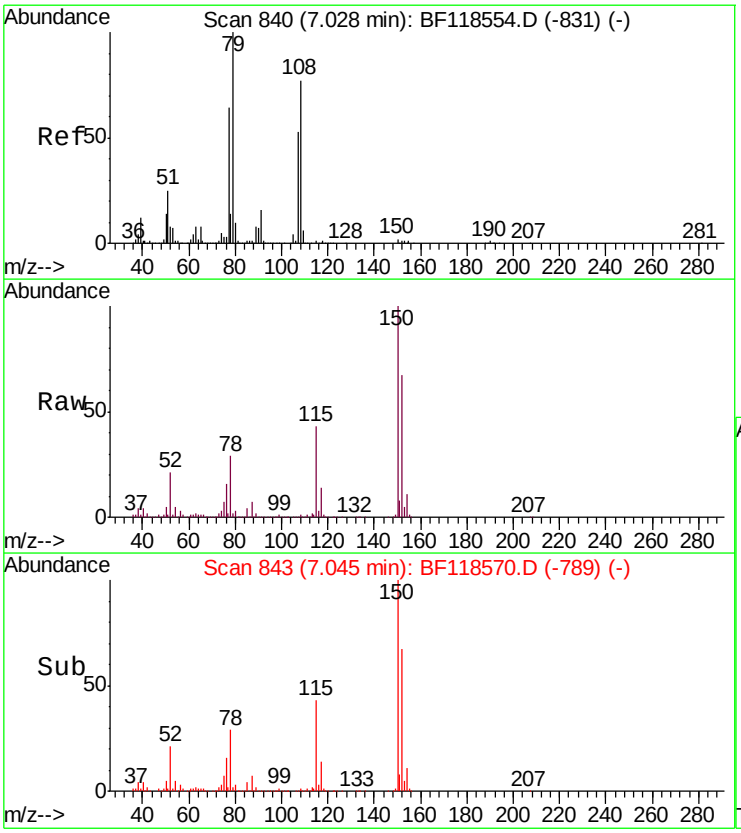
#14
1,2-Dichlorobenzene
Concen: 0.005 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:146 Resp: 106

Ion	Ratio	Lower	Upper
146	100		
148	1279.1	51.2	76.8#
111	6833.2	34.6	52.0#

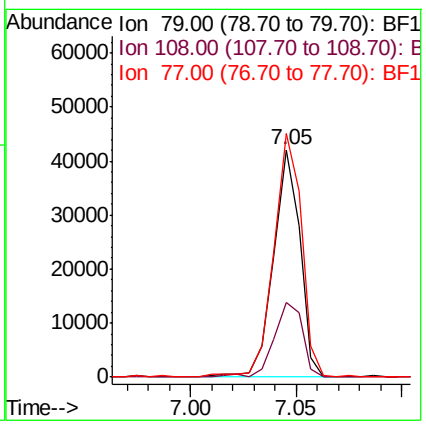


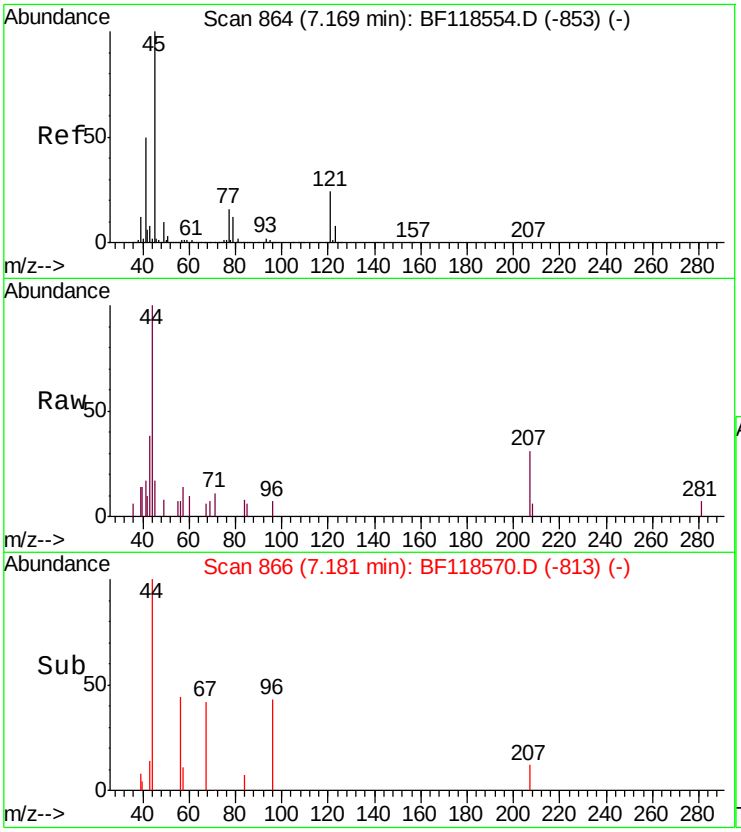


#15
Benzyl Alcohol
Concen: 1.979 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.02 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 79 Resp: 36632

Ion	Ratio	Lower	Upper
79	100		
108	33.1	61.9	92.9#
77	107.2	51.5	77.3#



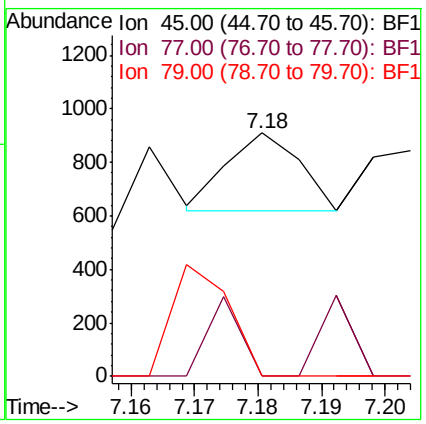


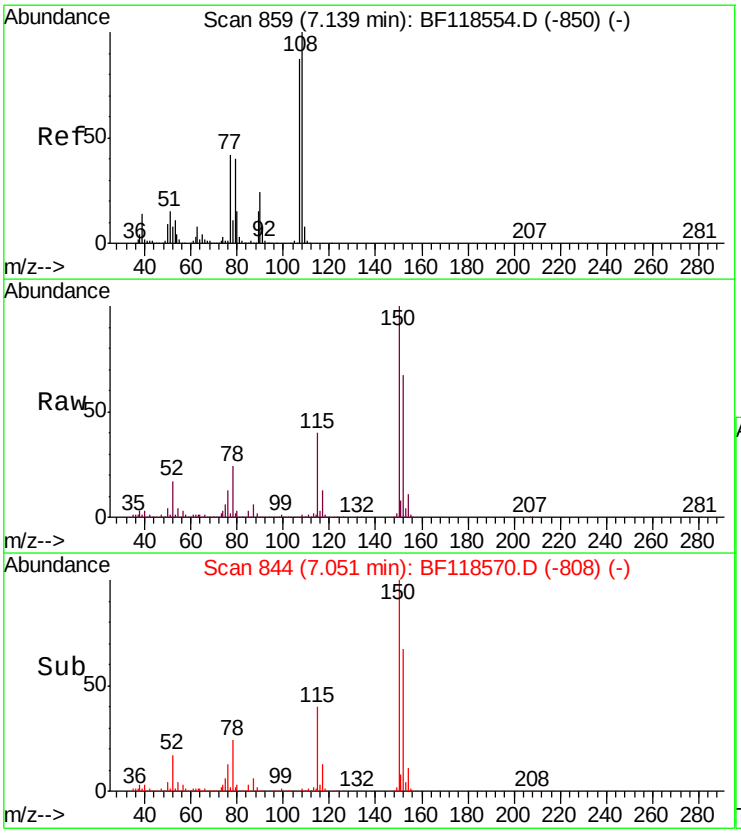
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.008 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 45 Resp: 232

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.8
79	0.0	0.0	32.2

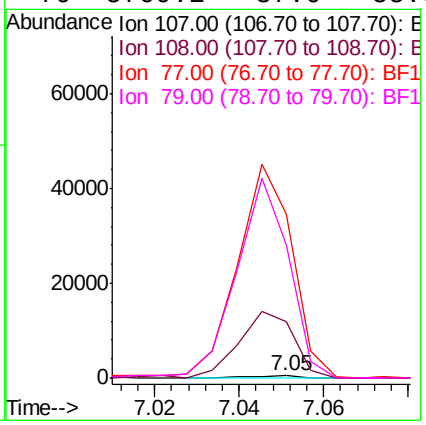


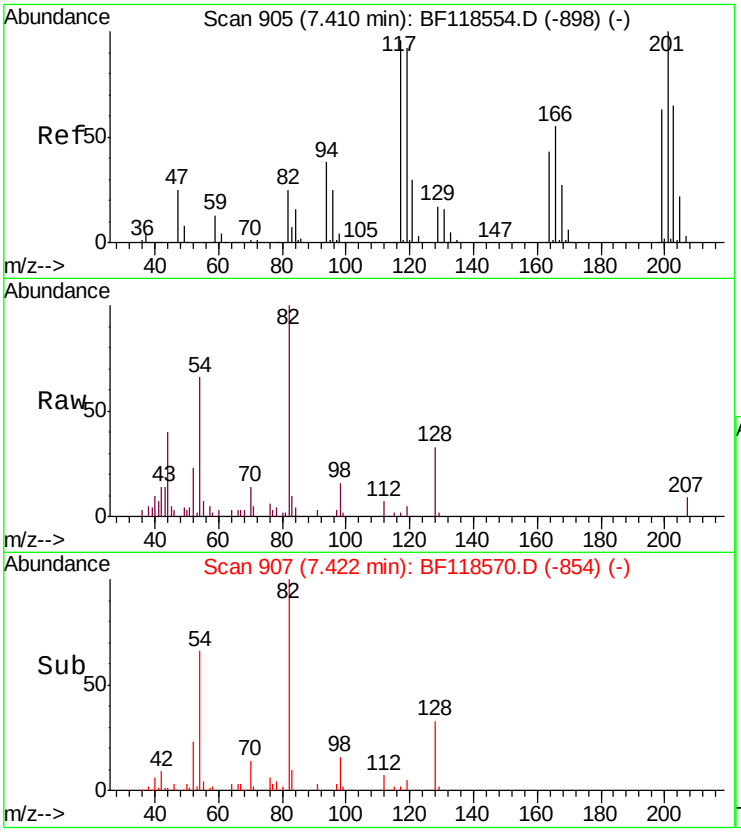


#17
2-Methylphenol
Concen: 0.025 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.09 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:107 Resp: 422

Ion	Ratio	Lower	Upper
107	100		
108	2421.2	92.3	138.5#
77	7038.7	38.6	57.8#
79	5709.2	37.0	55.6#



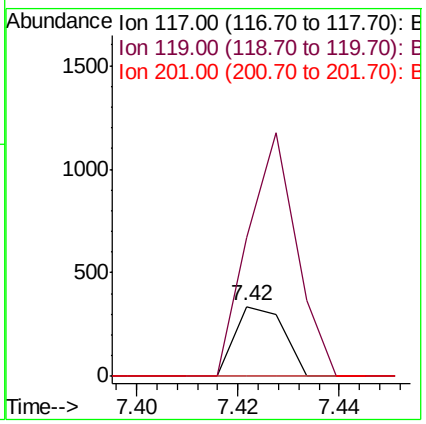


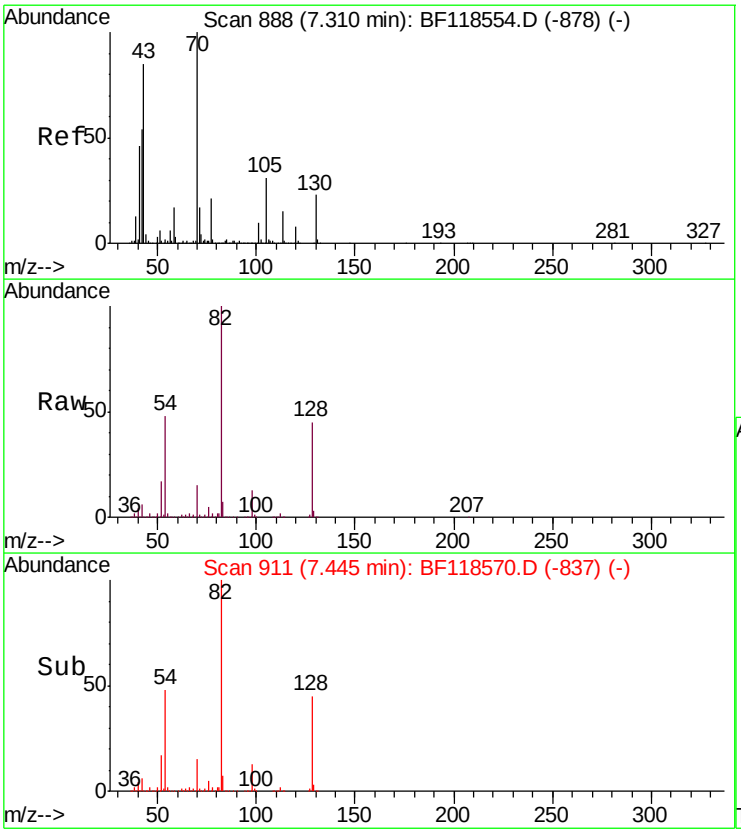
#18
Hexachloroethane
Concen: 0.027 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:117 Resp: 226

Ion	Ratio	Lower	Upper
117	100		
119	197.3	76.9	115.3#
201	0.0	83.6	125.4#

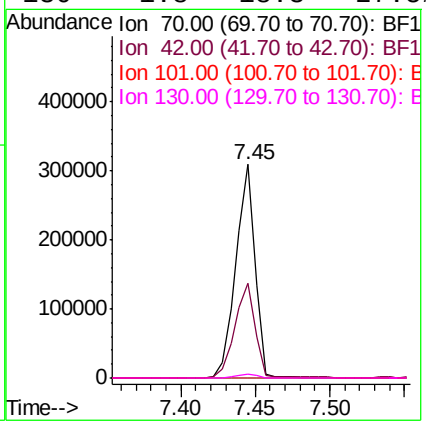


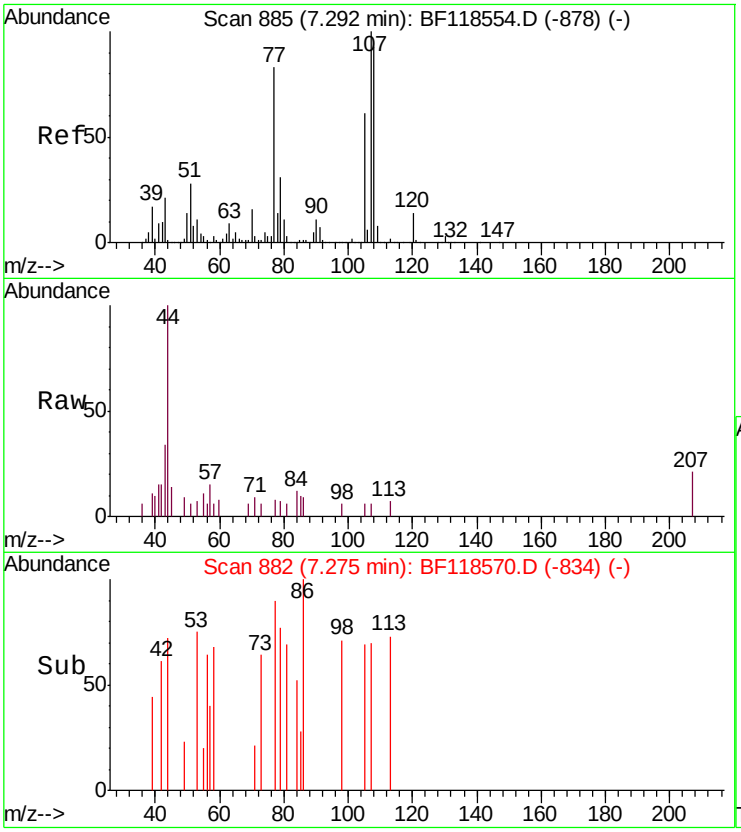


#19
n-Nitroso-di-n-propylamine
Concen: 17.327 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 70 Resp: 280259

Ion	Ratio	Lower	Upper
70	100		
42	44.3	43.6	65.4
101	0.0	7.7	11.5#
130	1.8	18.3	27.5#



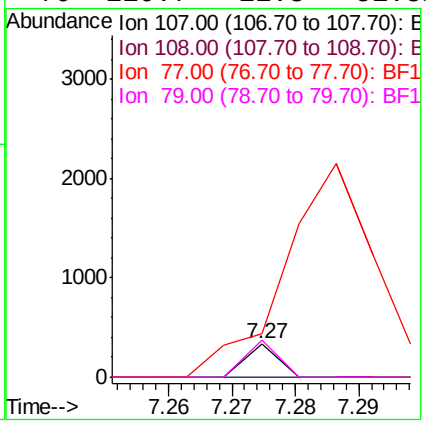


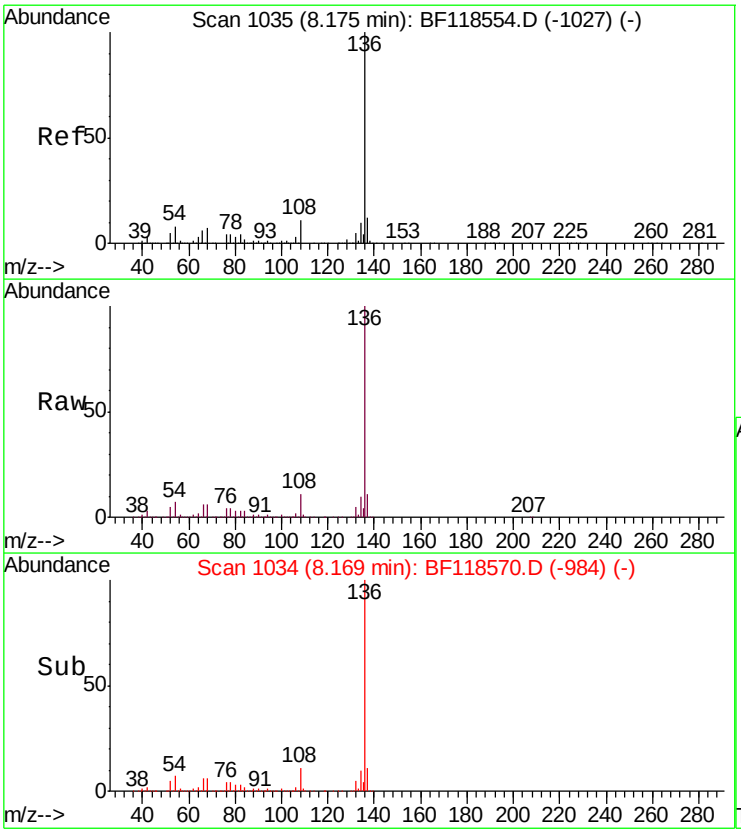
#20
3+4-Methylphenols
Concen: 0.006 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:107 Resp: 119

Ion	Ratio	Lower	Upper
107	100		
108	0.0	72.6	112.6#
77	129.6	63.0	103.0#
79	110.7	11.3	51.3#

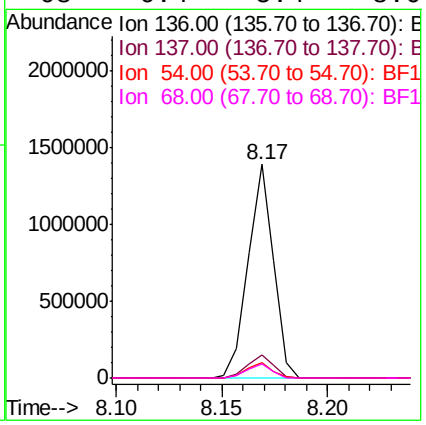


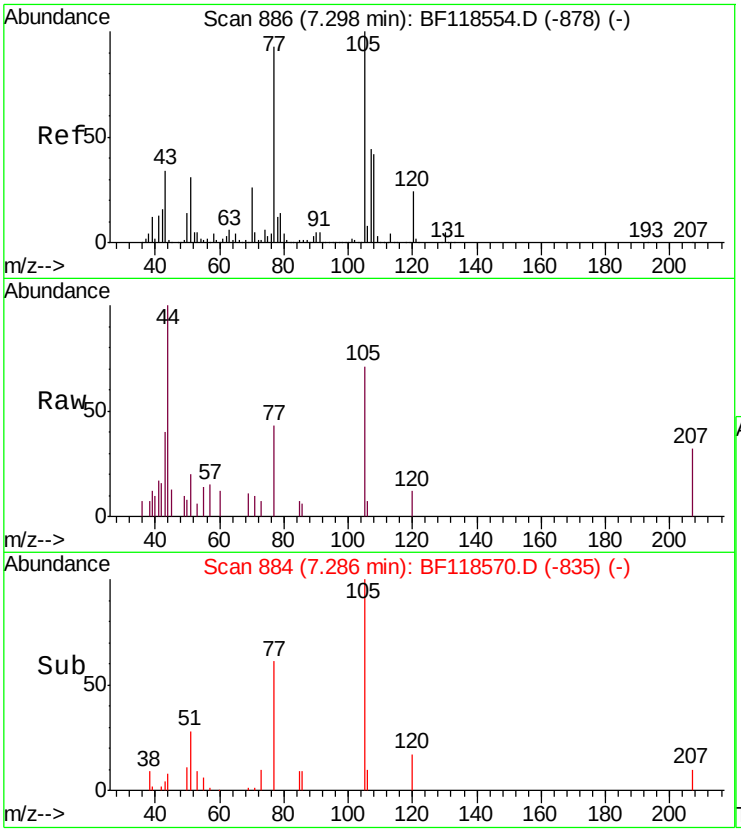


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:136 Resp: 1158016

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	7.4	6.2	9.2
68	6.4	5.4	8.0



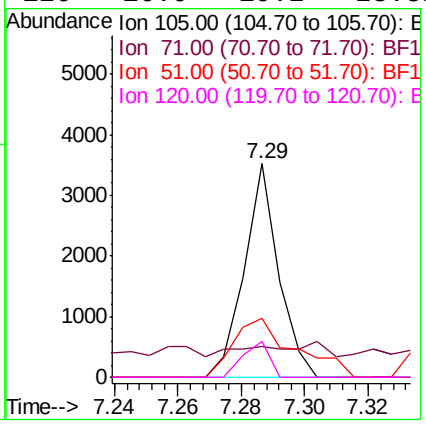


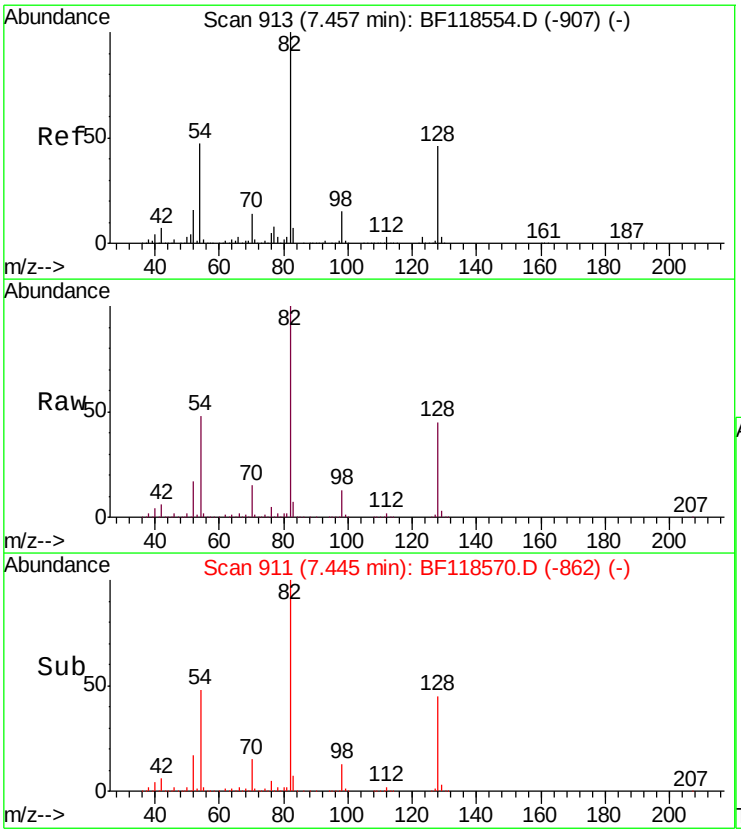
#22
Acetophenone
Concen: 0.094 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:105 Resp: 2633

Ion	Ratio	Lower	Upper
105	100		
71	14.4	3.8	5.6#
51	27.5	24.9	37.3
120	16.9	19.2	28.8#

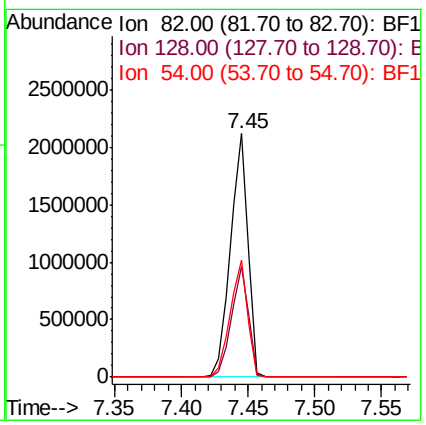


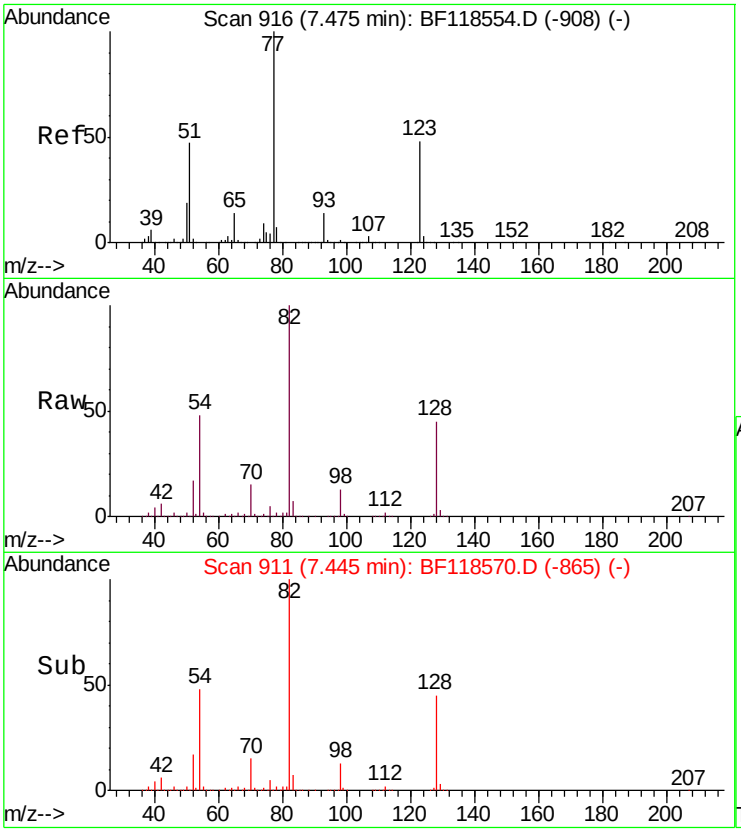


#23
Nitrobenzene-d5
Concen: 104.726 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 82 Resp: 1963588

Ion	Ratio	Lower	Upper
82	100		
128	45.2	37.0	55.4
54	48.2	37.4	56.0



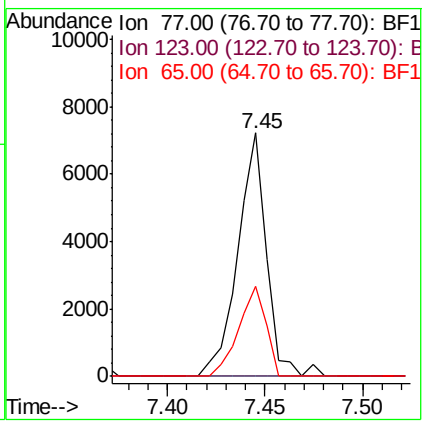


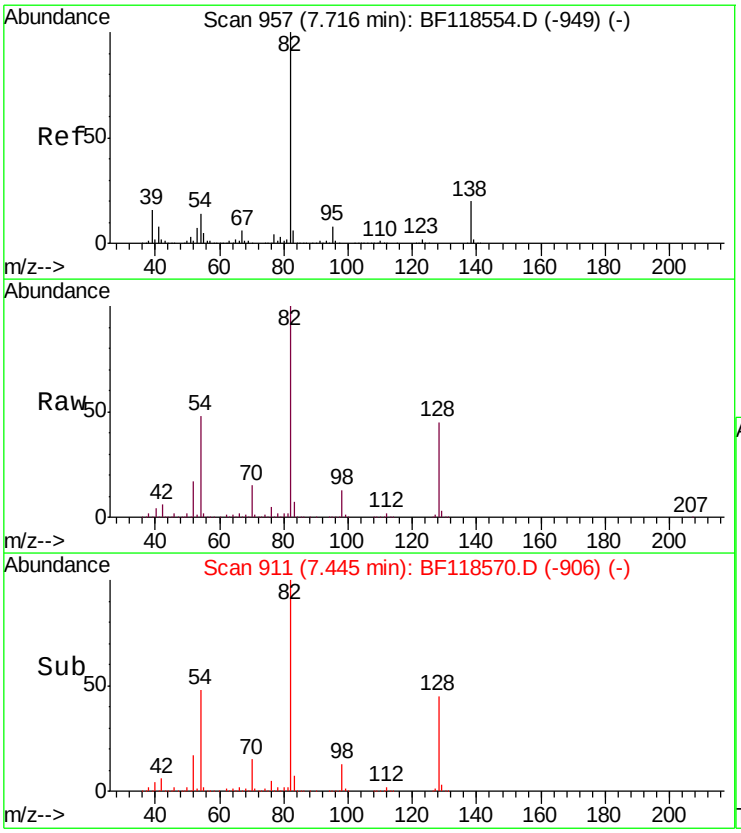
#24
Nitrobenzene
Concen: 0.370 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.03 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 77 Resp: 7370

Ion	Ratio	Lower	Upper
77	100		
123	0.0	38.2	57.2#
65	37.2	11.1	16.7#

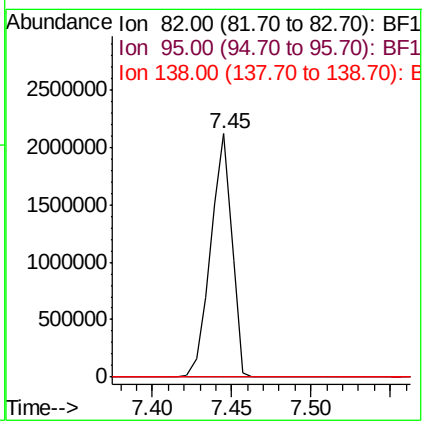


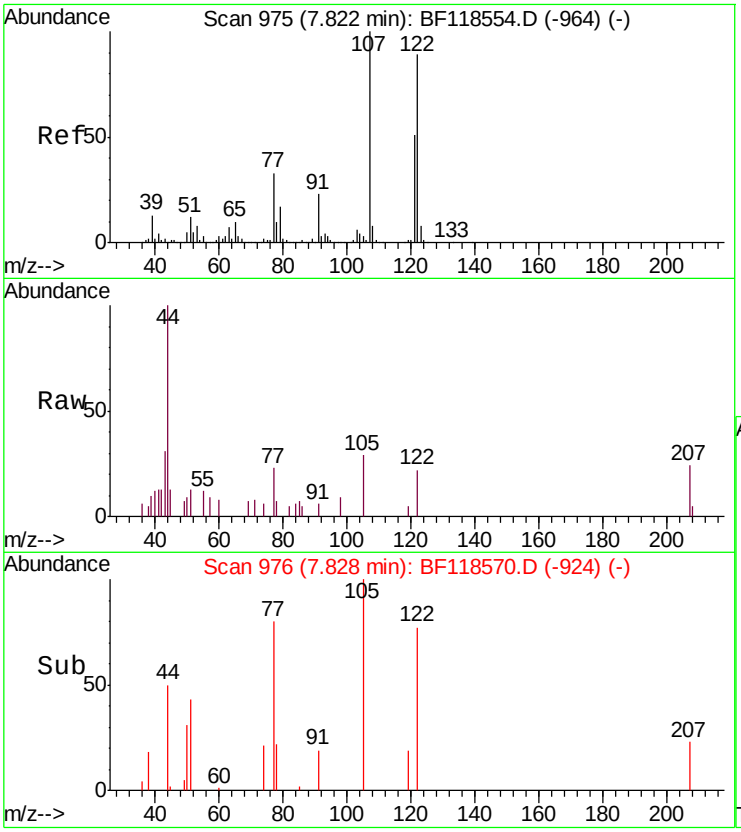


#25
Isophorone
Concen: 48.068 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.27 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 82 Resp: 1956050

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.0	9.0#
138	0.0	15.8	23.8#



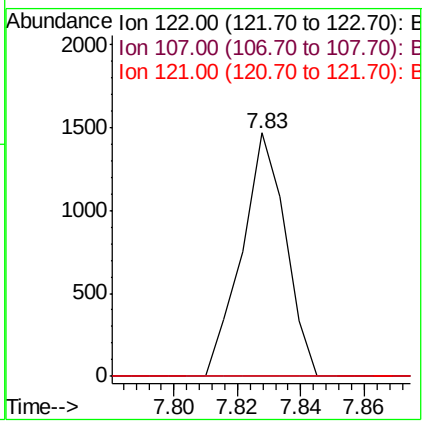


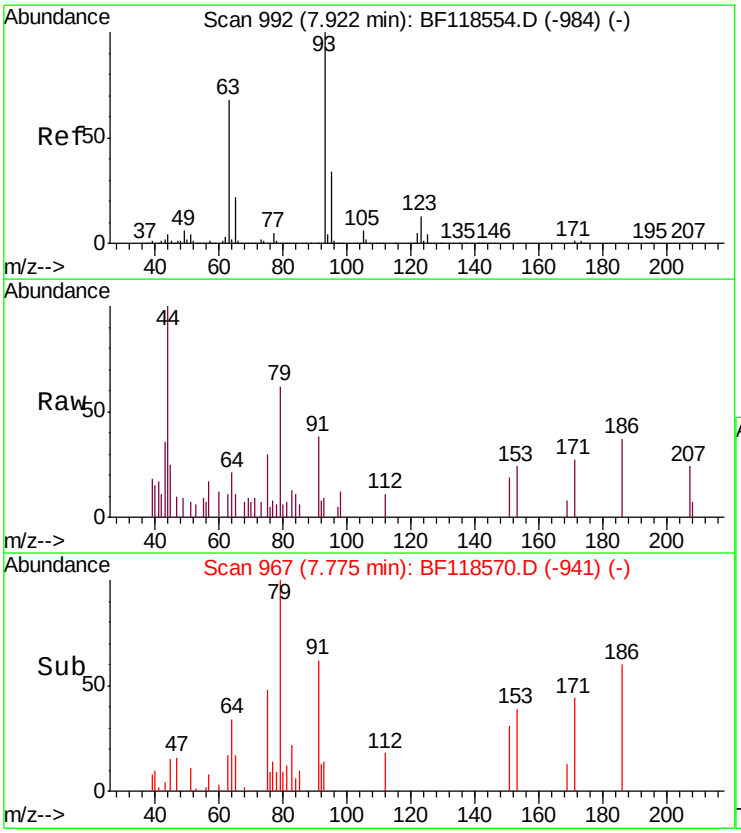
#27
2,4-Dimethylphenol
Concen: 0.087 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:122 Resp: 1402

Ion	Ratio	Lower	Upper
122	100		
107	0.0	89.6	134.4#
121	0.0	45.9	68.9#

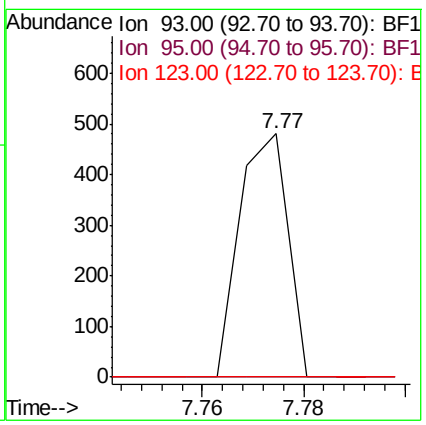


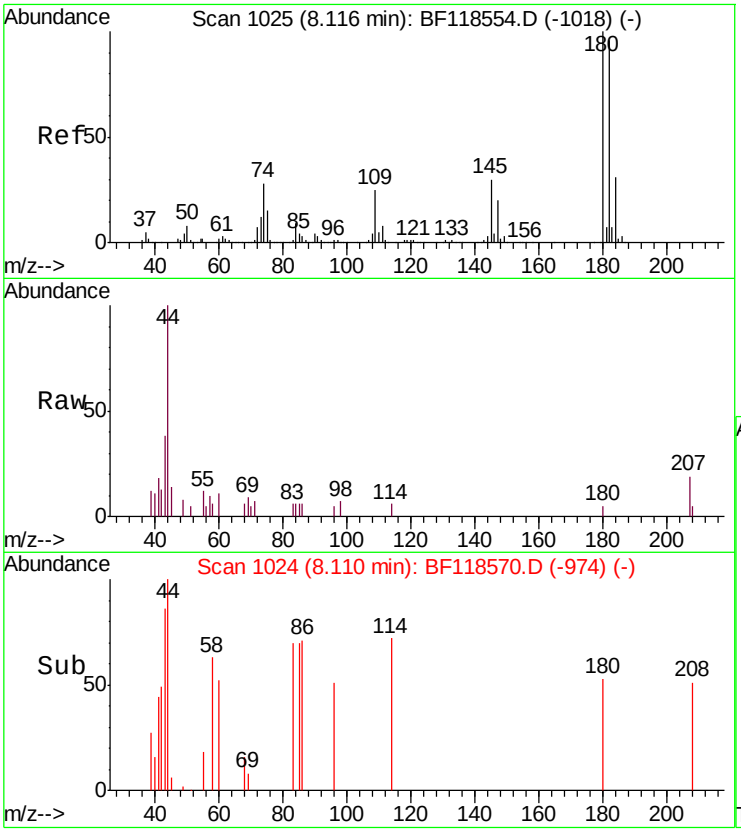


#28
bis(2-Chloroethoxy)methane
Concen: 0.012 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.15 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion: 93 Resp: 318

Ion	Ratio	Lower	Upper
93	100		
95	0.0	27.3	40.9#
123	0.0	10.2	15.4#



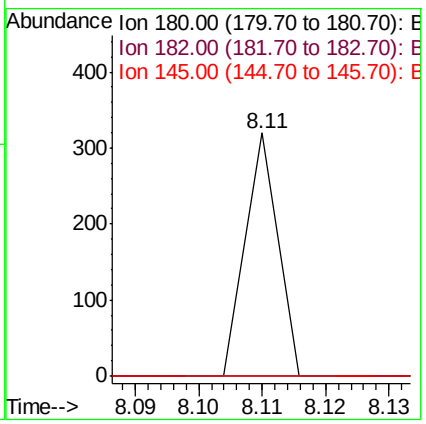


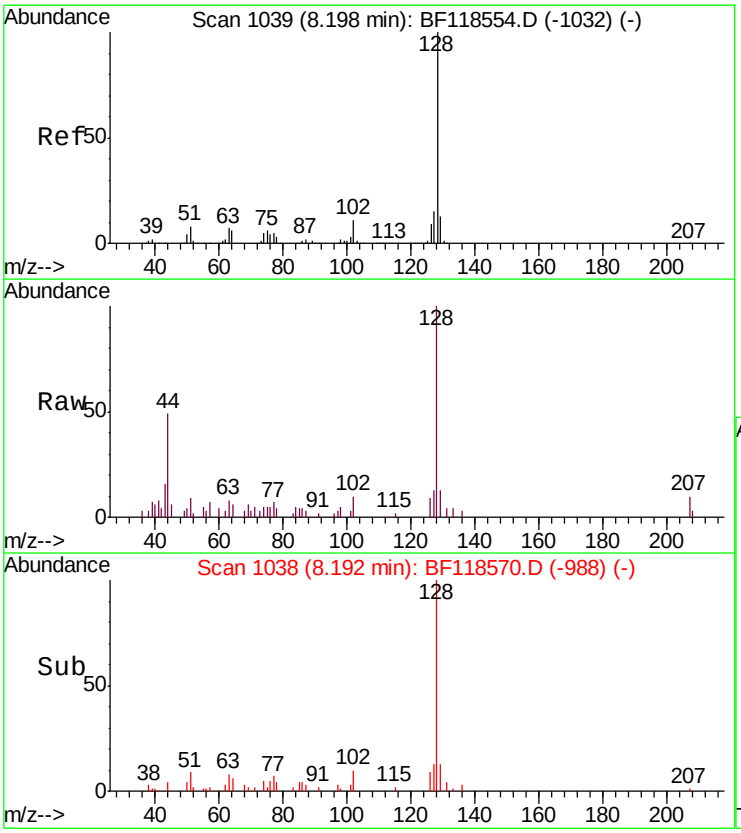
#30
1,2,4-Trichlorobenzene
Concen: 0.005 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:180 Resp: 113

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
145	0.0	24.2	36.2#

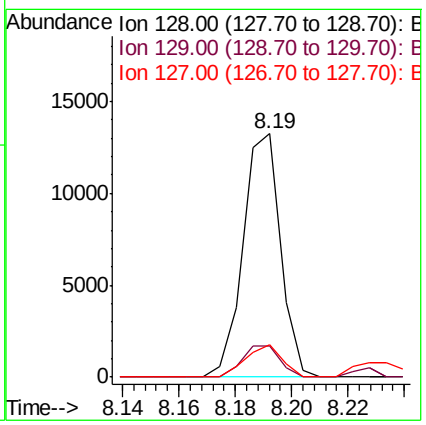


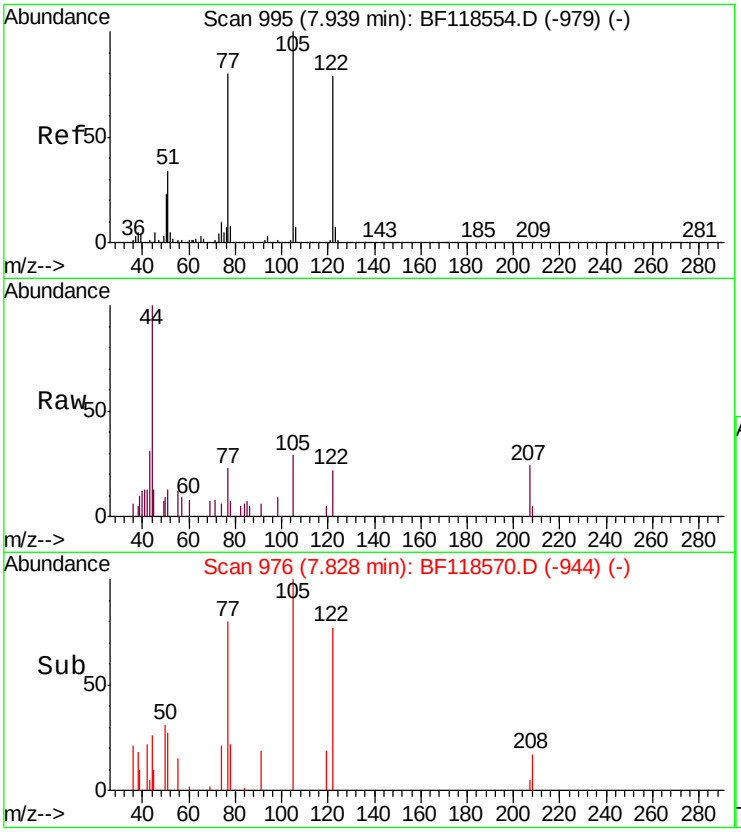


#31
Naphthalene
Concen: 0.223 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:128 Resp: 12183

Ion	Ratio	Lower	Upper
128	100		
129	12.6	10.3	15.5
127	13.3	12.1	18.1



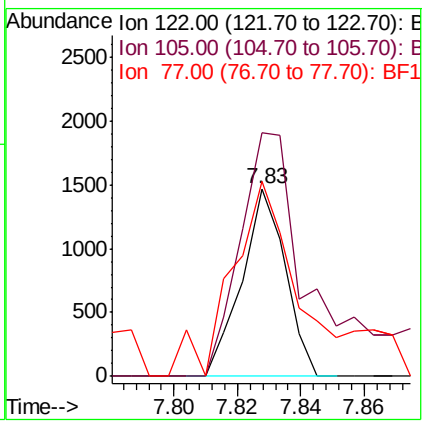


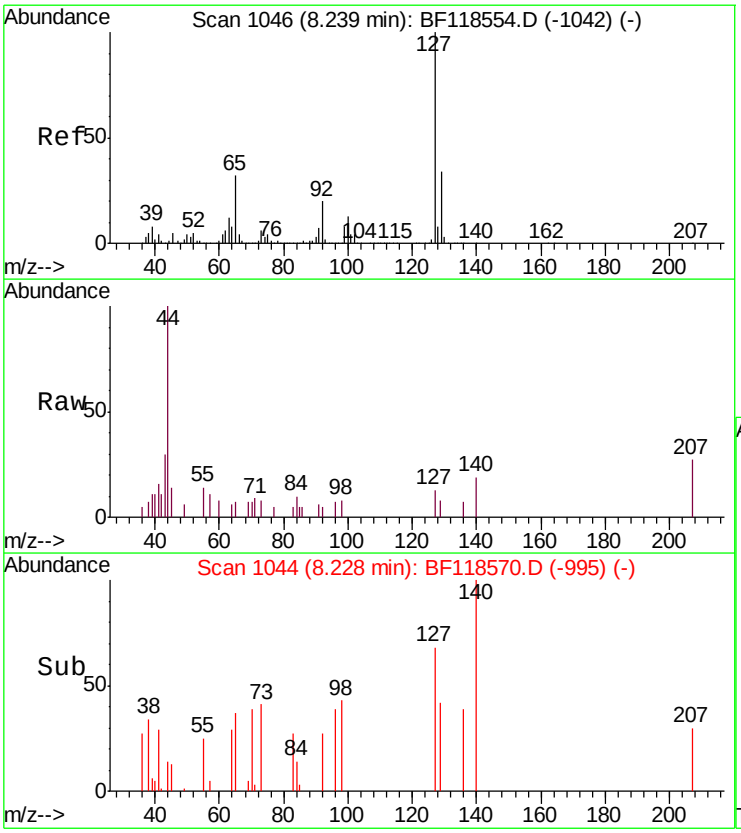
#32
Benzoic acid
Concen: 7.960 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.11 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:122 Resp: 1402

Ion	Ratio	Lower	Upper
122	100		
105	130.0	105.0	145.0
77	104.2	80.7	120.7

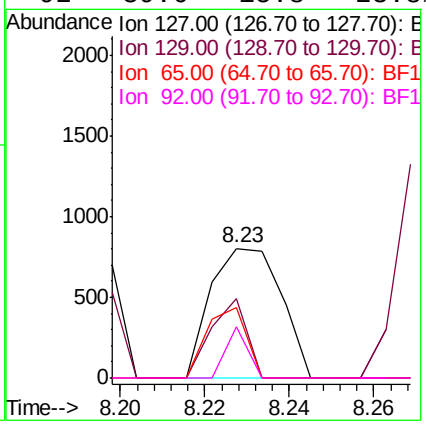


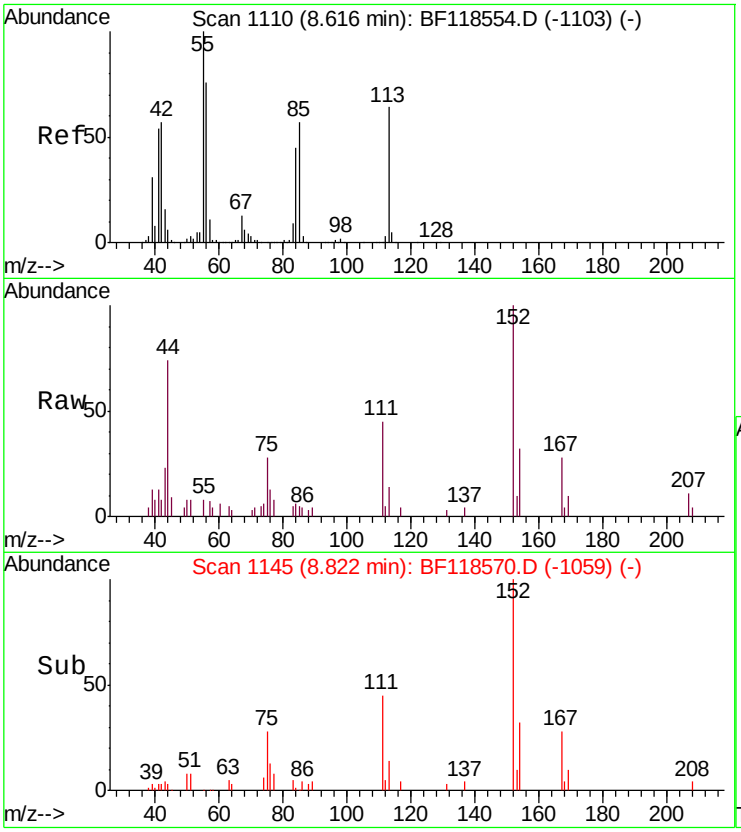


#33
4-Chloroaniline
Concen: 0.037 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:127 Resp: 931

Ion	Ratio	Lower	Upper
127	100		
129	61.2	27.0	40.4#
65	54.9	25.8	38.8#
92	39.6	15.8	23.8#



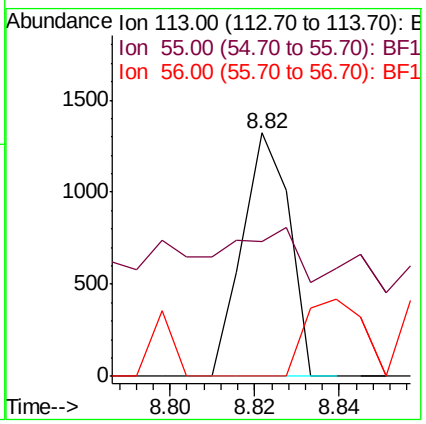


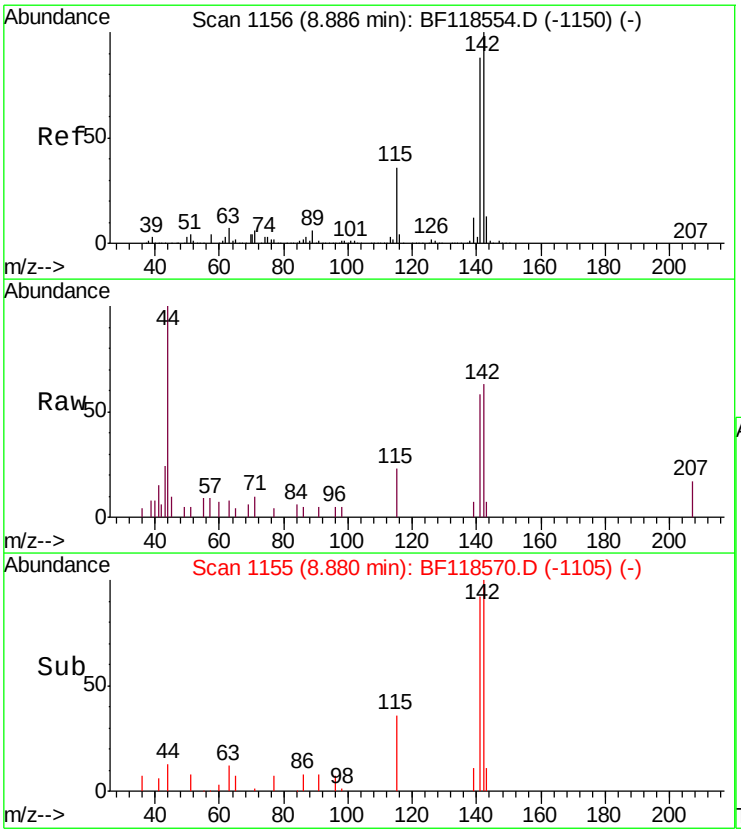
#35
Caprolactam
Concen: 0.185 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.21 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:113 Resp: 1024

Ion	Ratio	Lower	Upper
113	100		
55	55.4	137.3	177.3#
56	0.0	99.7	139.7#

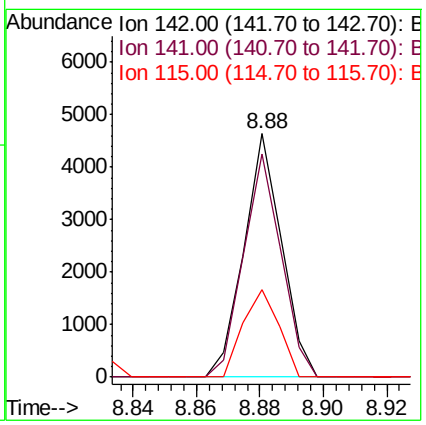


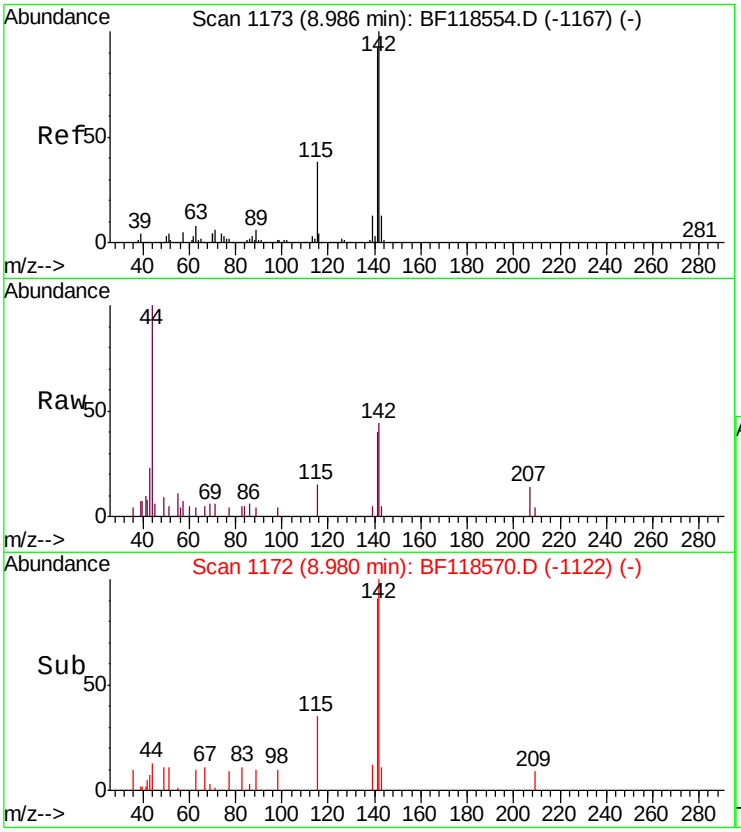


#37
2-Methylnaphthalene
Concen: 0.099 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:142 Resp: 3837

Ion	Ratio	Lower	Upper
142	100		
141	91.7	70.6	106.0
115	36.0	29.0	43.4



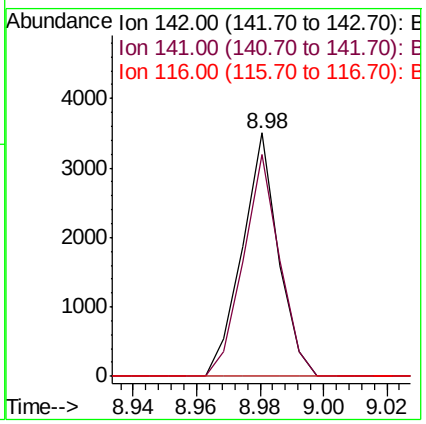


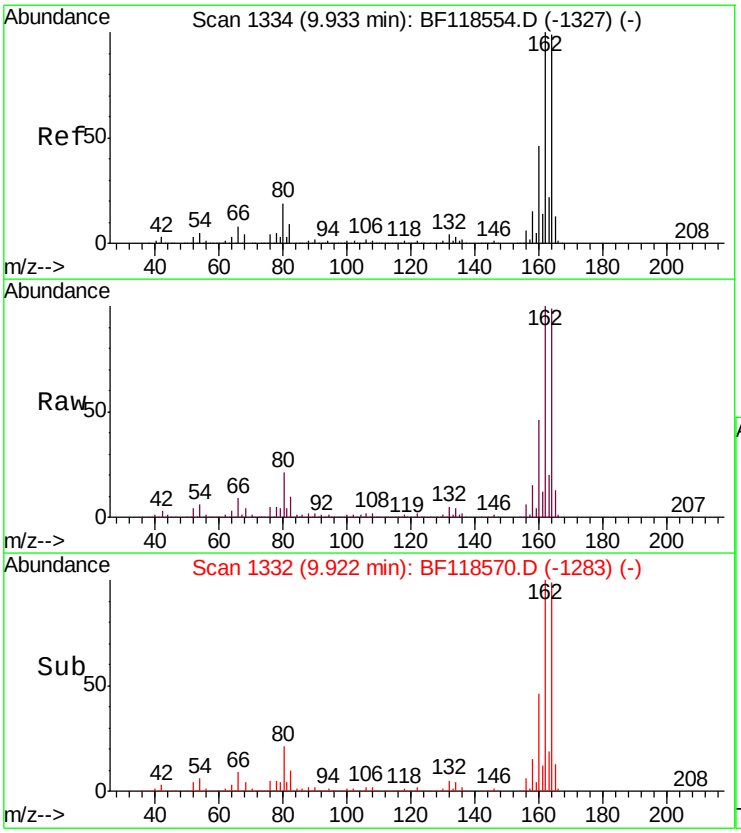
#38
1-Methylnaphthalene
Concen: 0.076 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:142 Resp: 2776

Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.8	110.6
116	0.0	3.3	4.9#

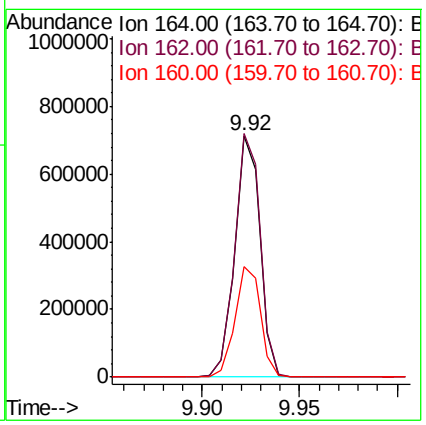


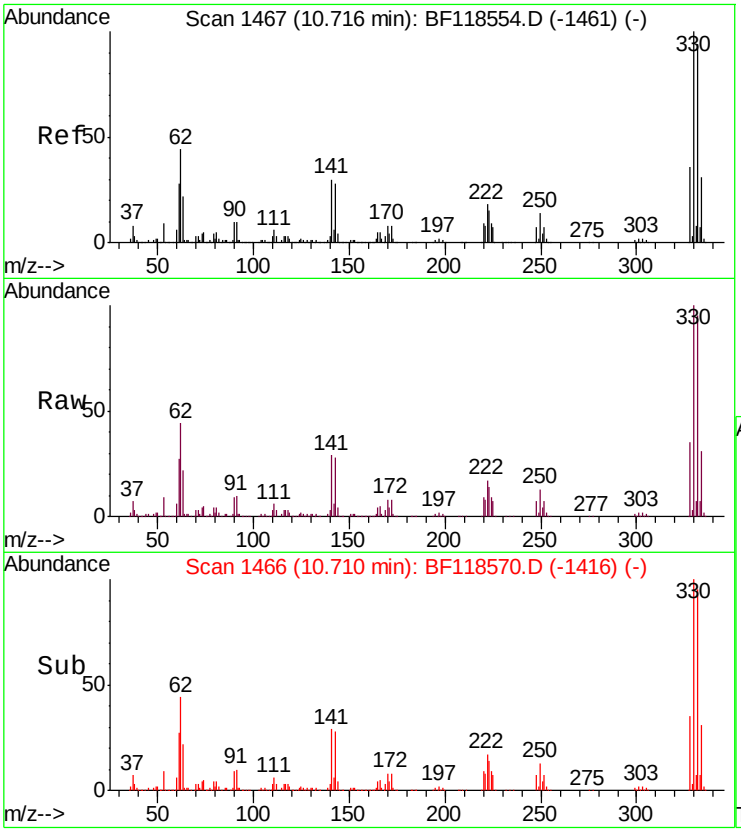


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:164 Resp: 638177

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	120.8
160	45.9	36.7	55.1



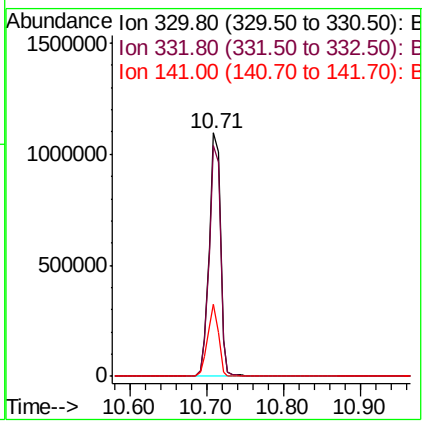


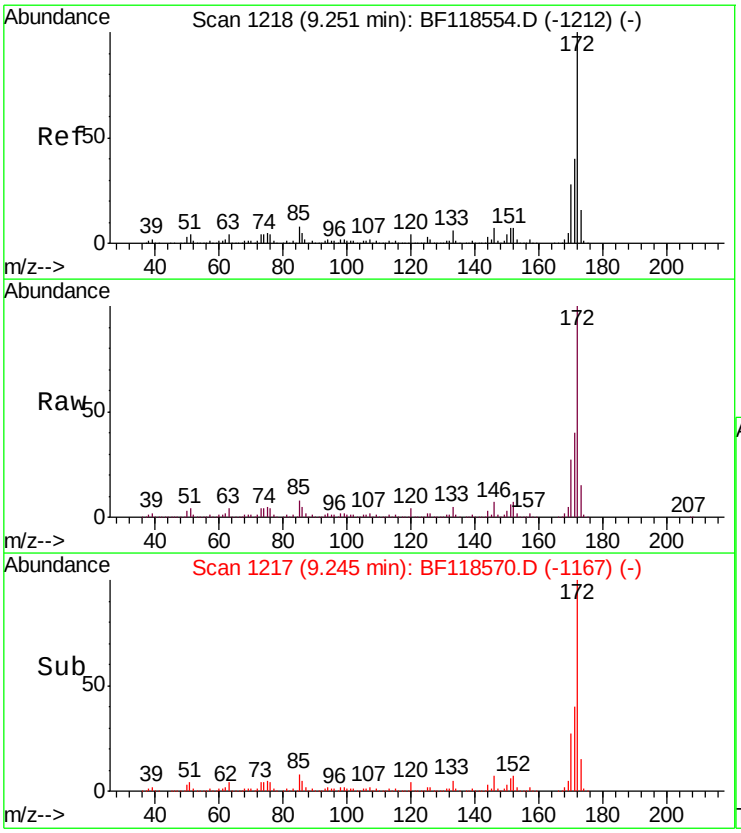
#42
2,4,6-Tribromophenol
Concen: 156.381 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:330 Resp: 1103257

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.4	114.6
141	28.8	23.4	35.2

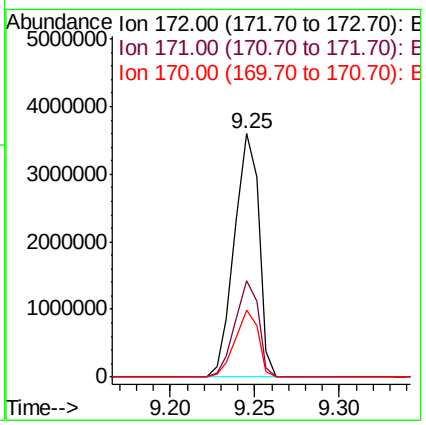


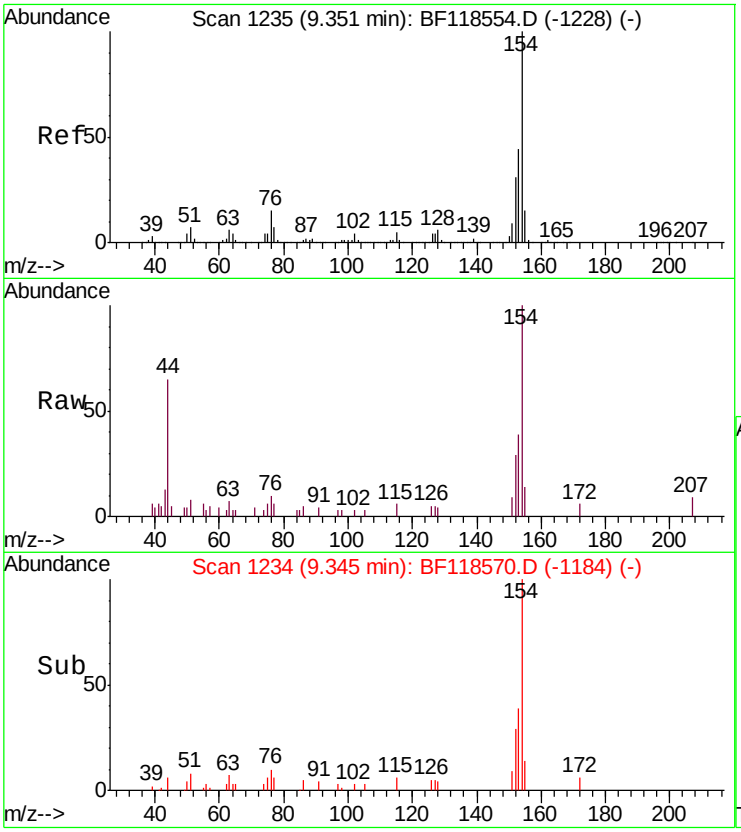


#45
2-Fluorobiphenyl
Concen: 103.212 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:172 Resp: 3648570

Ion	Ratio	Lower	Upper
172	100		
171	39.8	32.4	48.6
170	27.4	22.5	33.7



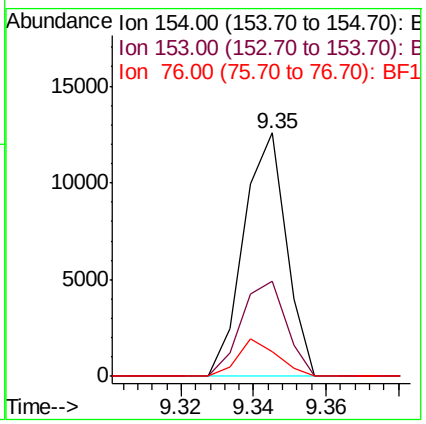


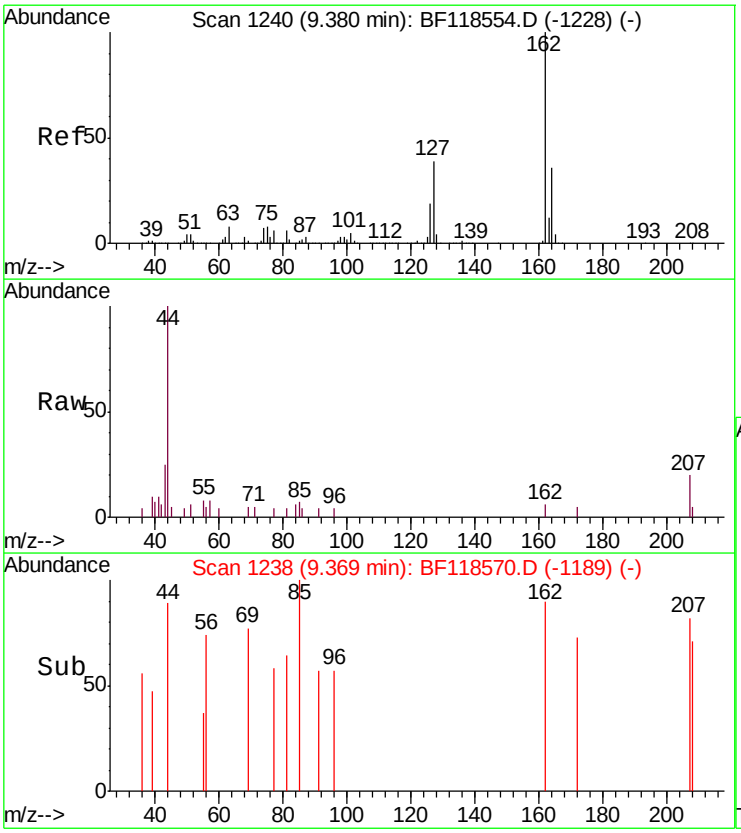
#46
1,1'-Biphenyl
Concen: 0.224 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:154 Resp: 10220

Ion	Ratio	Lower	Upper
154	100		
153	38.8	23.7	63.7
76	10.1	0.0	35.2

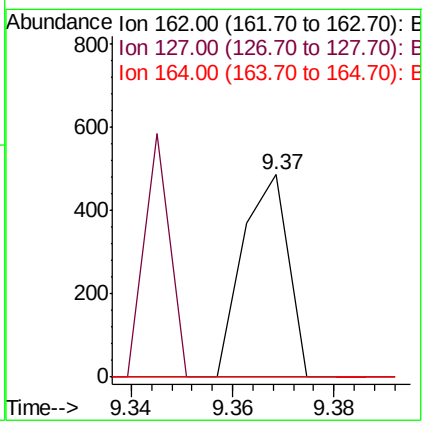


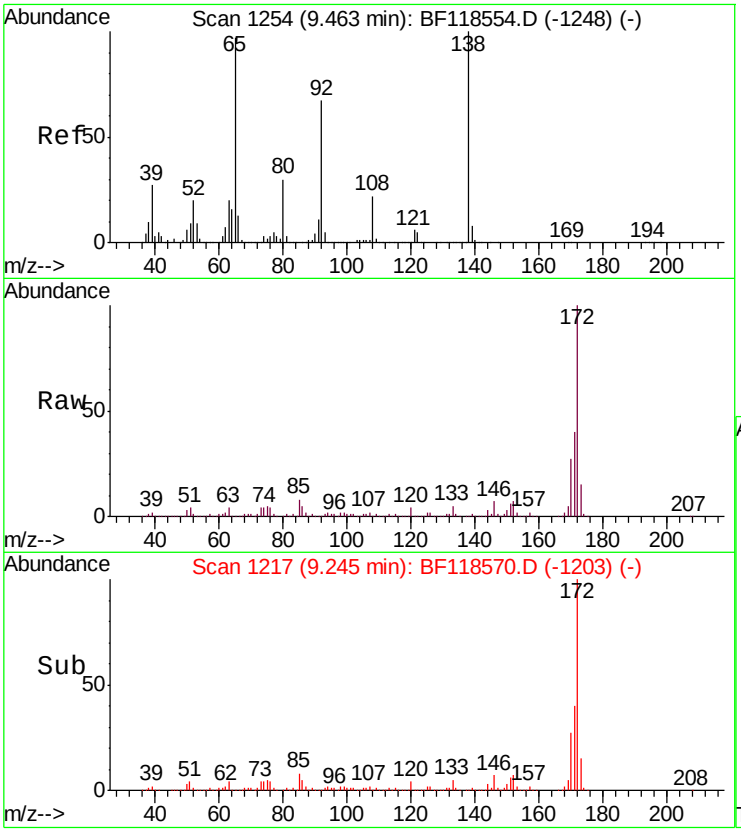


#47
2-Chloronaphthalene
Concen: 0.008 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:162 Resp: 302

Ion	Ratio	Lower	Upper
162	100		
127	0.0	31.0	46.4#
164	0.0	28.6	42.8#



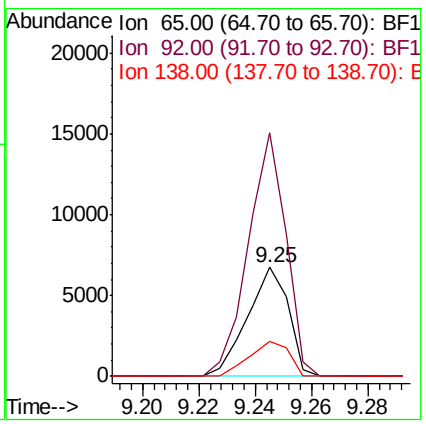


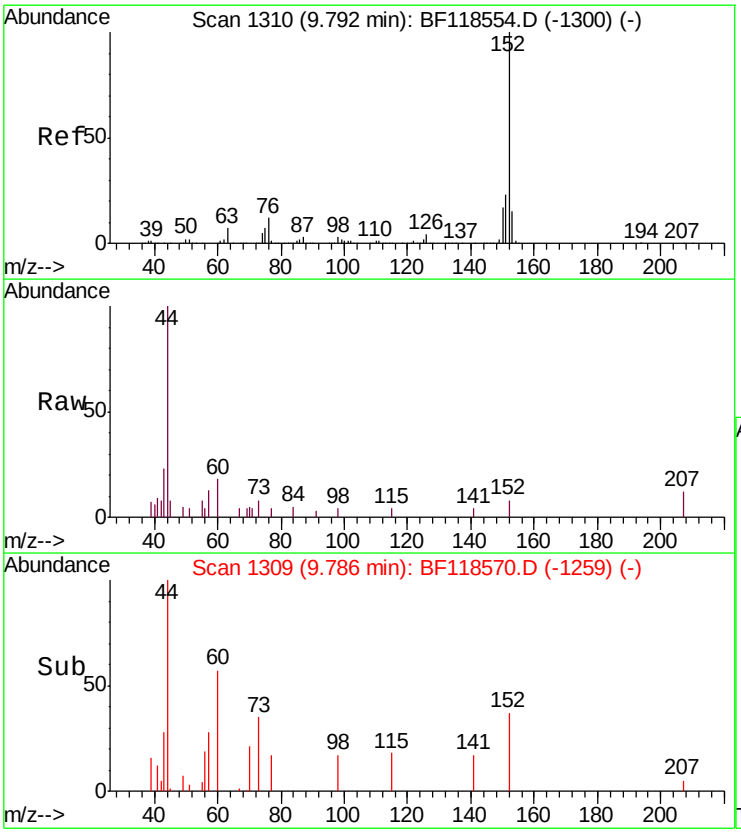
#48
2-Nitroaniline
Concen: 0.682 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.22 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 65 Resp: 6819

Ion	Ratio	Lower	Upper
65	100		
92	223.2	55.3	82.9#
138	32.6	82.9	124.3#

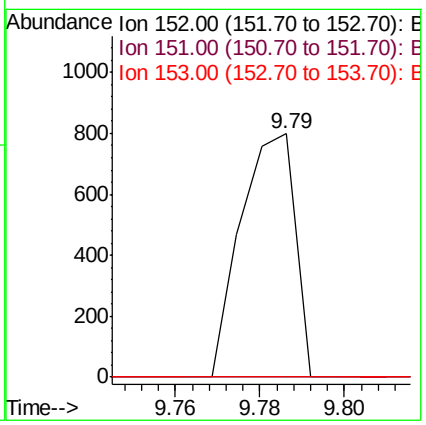


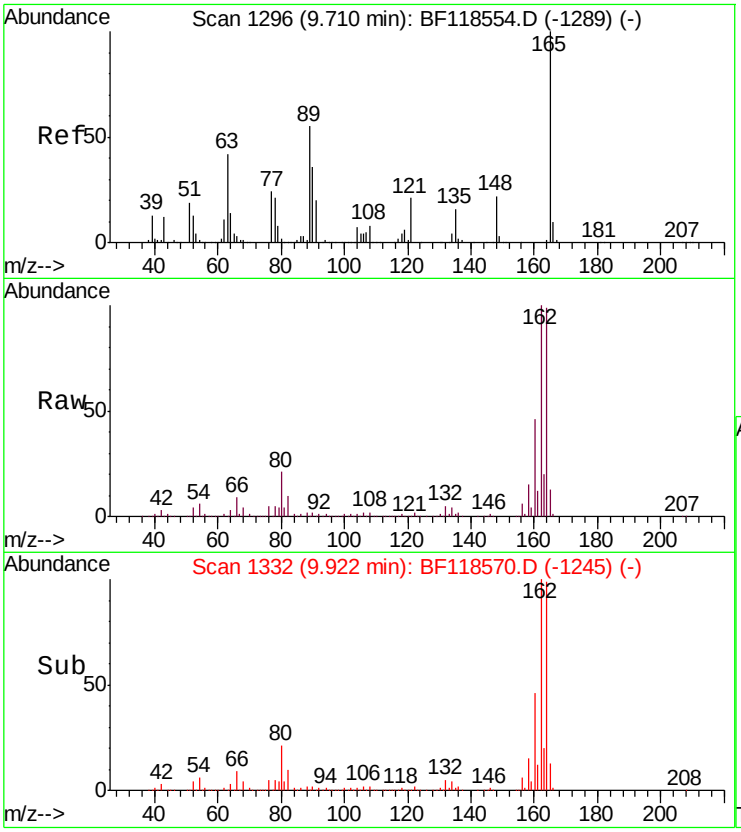


#49
Acenaphthylene
Concen: 0.013 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:152 Resp: 714

Ion	Ratio	Lower	Upper
152	100		
151	0.0	18.6	27.8#
153	0.0	12.3	18.5#



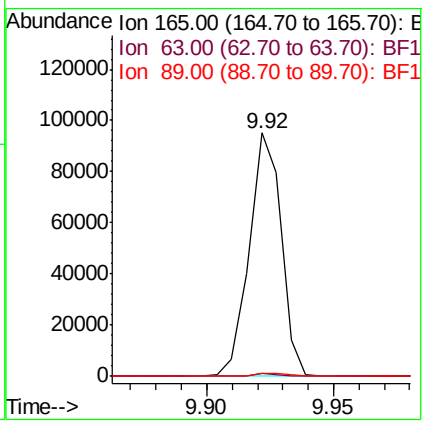


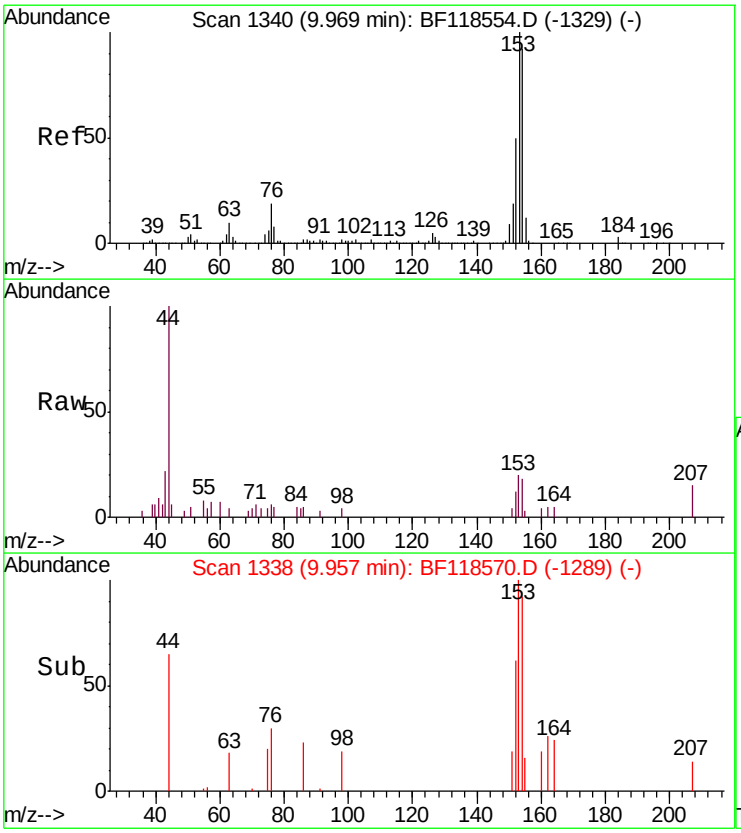
#51
2,6-Dinitrotoluene
Concen: 10.001 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:165 Resp: 83614

Ion	Ratio	Lower	Upper
165	100		
63	1.0	41.9	62.9#
89	1.5	44.0	66.0#

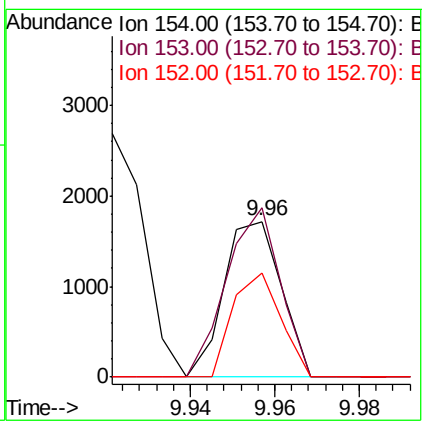


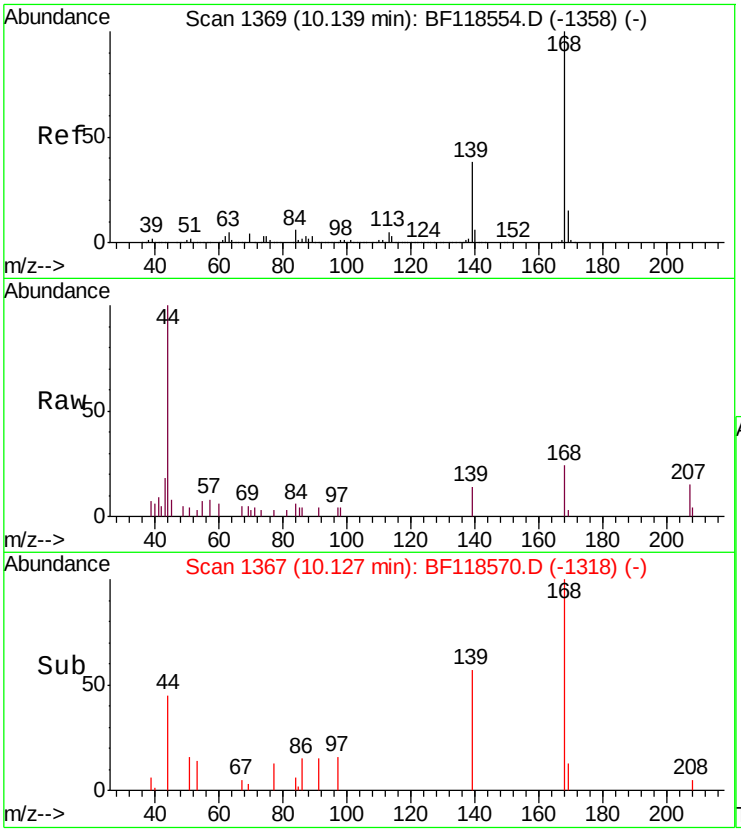


#52
Acenaphthene
Concen: 0.046 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:154 Resp: 1619

Ion	Ratio	Lower	Upper
154	100		
153	108.5	87.0	130.4
152	66.7	43.8	65.8#



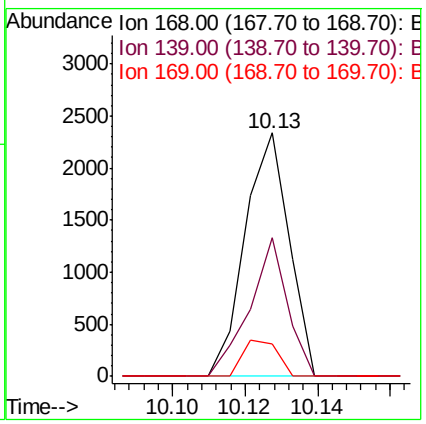


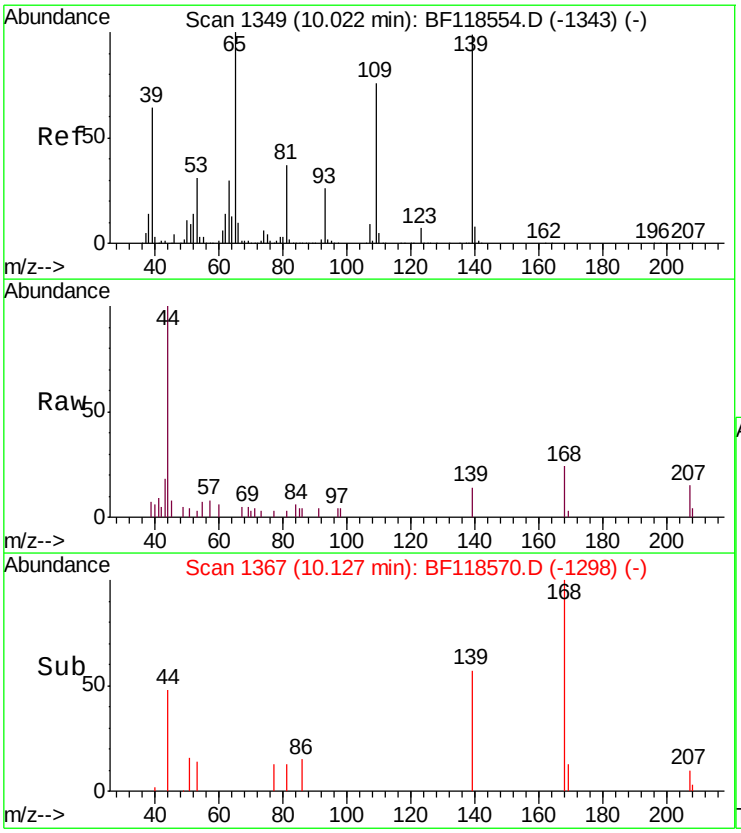
#55
Dibenzofuran
Concen: 0.040 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:168 Resp: 1989

Ion	Ratio	Lower	Upper
168	100		
139	57.1	30.6	46.0#
169	13.1	11.9	17.9

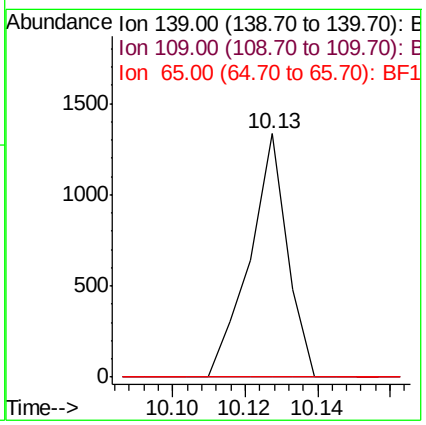


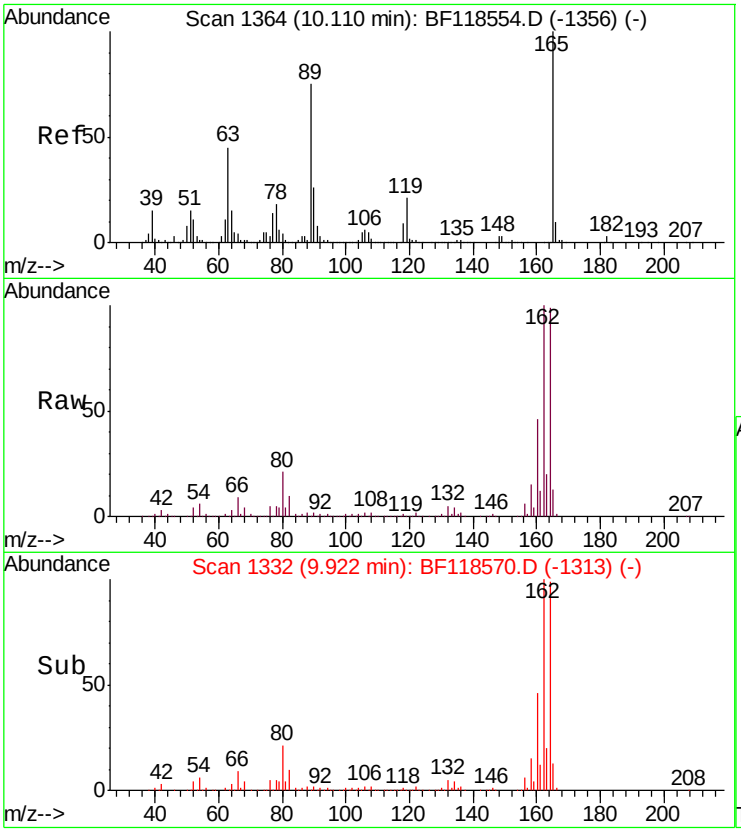


#56
4-Nitrophenol
Concen: 0.139 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.11 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:139 Resp: 975

Ion	Ratio	Lower	Upper
139	100		
109	0.0	56.9	96.9#
65	0.0	81.7	121.7#



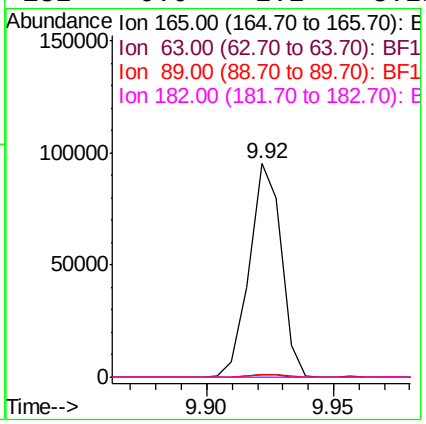


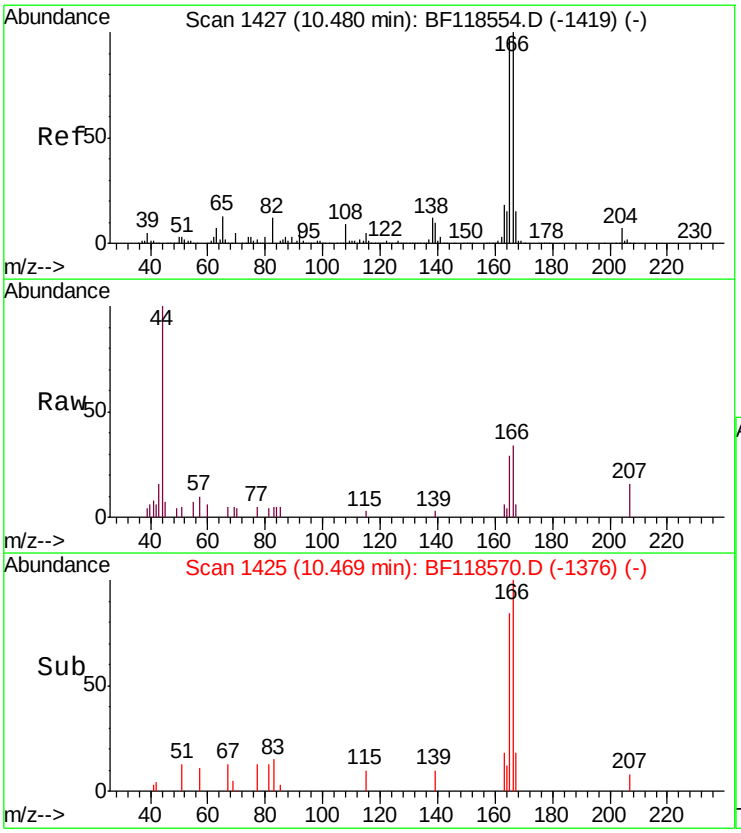
#57
2,4-Dinitrotoluene
Concen: 11.830 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:165 Resp: 83614

Ion	Ratio	Lower	Upper
165	100		
63	1.0	35.8	53.6#
89	1.5	59.9	89.9#
182	0.0	2.2	3.2#

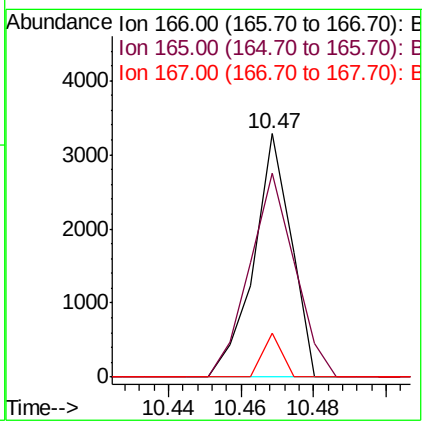


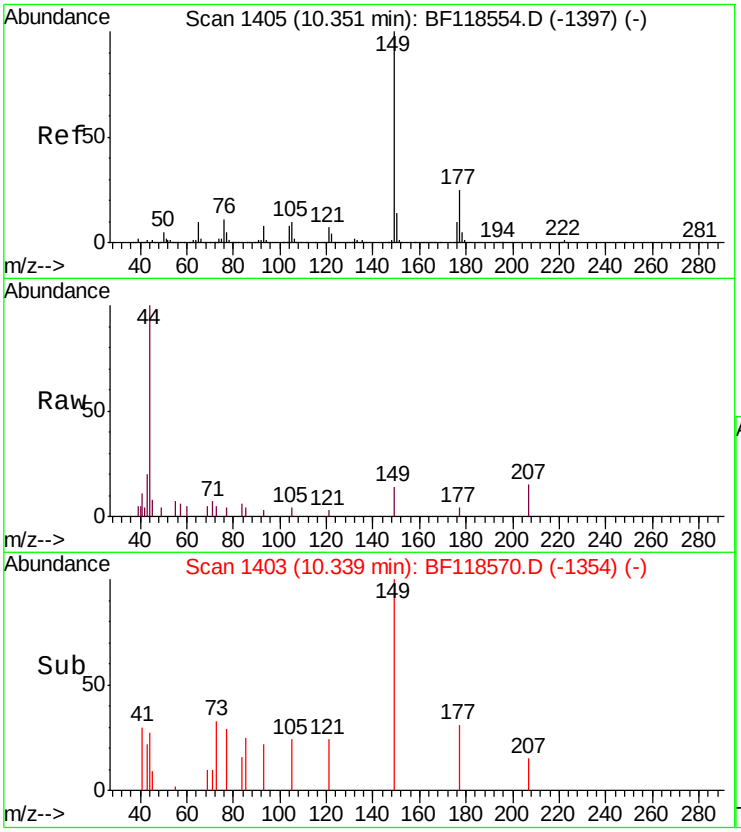


#58
Fluorene
Concen: 0.060 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:166 Resp: 2337

Ion	Ratio	Lower	Upper
166	100		
165	83.9	77.8	116.8
167	18.0	11.7	17.5#



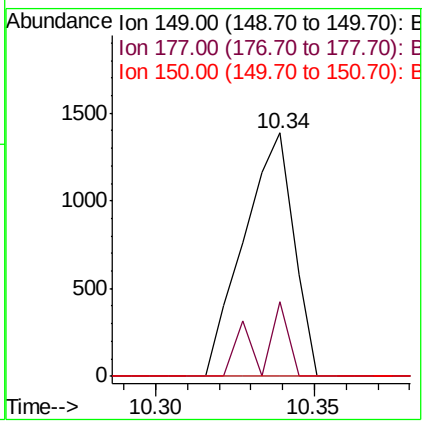


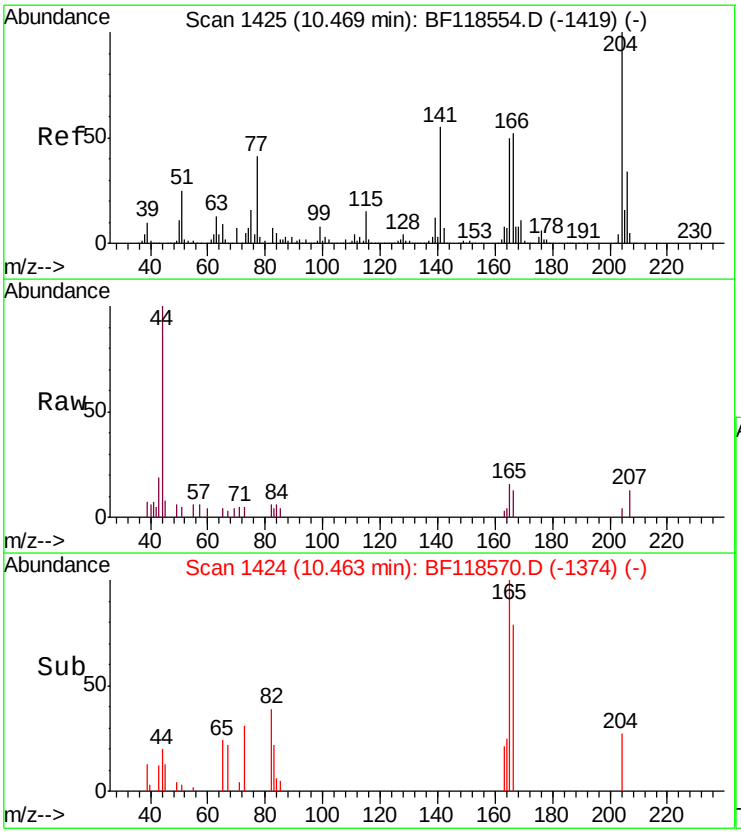
#60
Diethylphthalate
Concen: 0.035 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:149 Resp: 1515

Ion	Ratio	Lower	Upper
149	100		
177	30.8	20.2	30.4#
150	0.0	11.0	16.4#

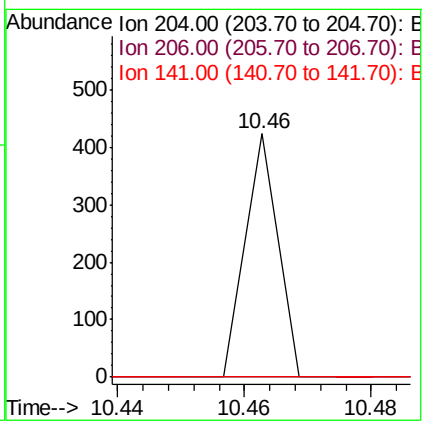


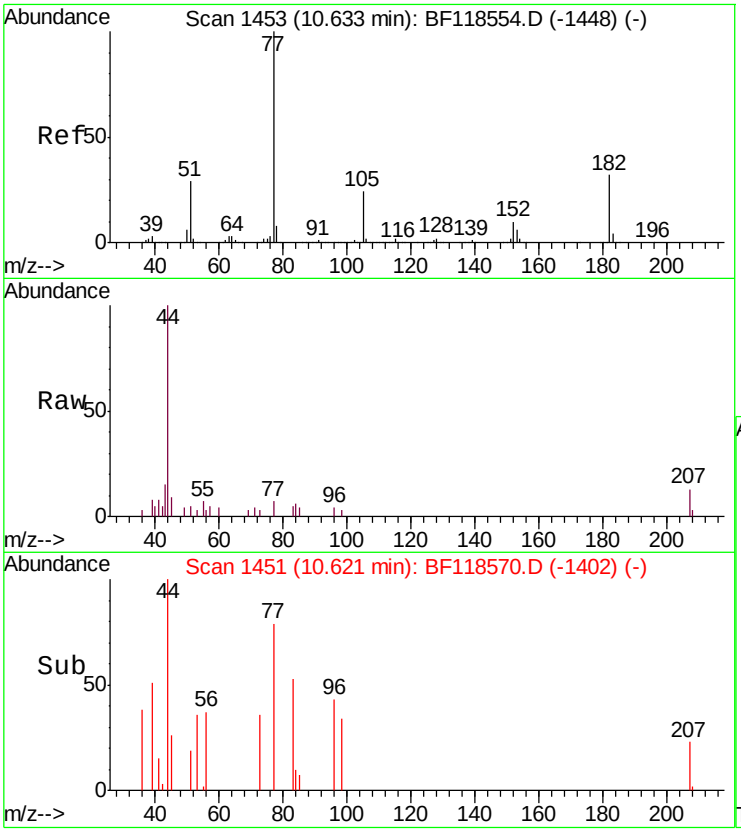


#61
4-Chlorophenyl-phenylether
Concen: 0.007 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:204 Resp: 150

Ion	Ratio	Lower	Upper
204	100		
206	0.0	27.1	40.7#
141	0.0	44.4	66.6#



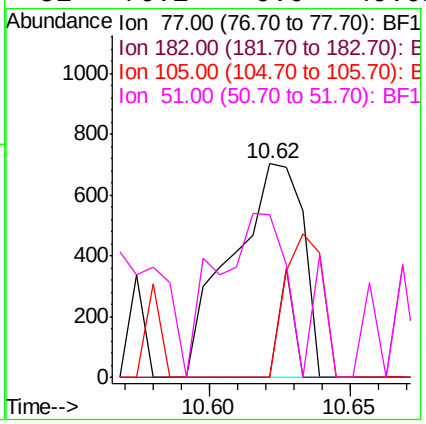


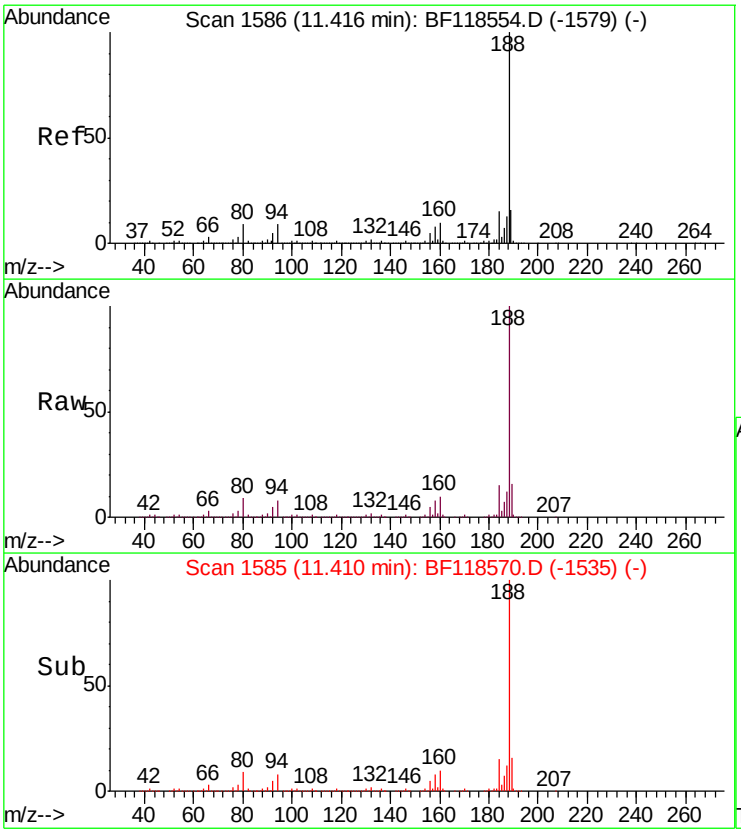
#63
Azobenzene
Concen: 0.030 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion: 77 Resp: 1231

Ion	Ratio	Lower	Upper
77	100		
182	0.0	11.7	51.7#
105	0.0	3.6	43.6#
51	76.1	9.0	49.0#

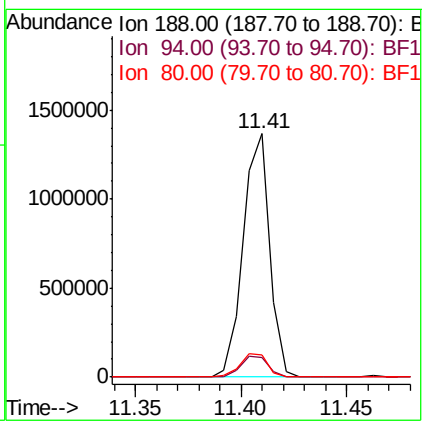


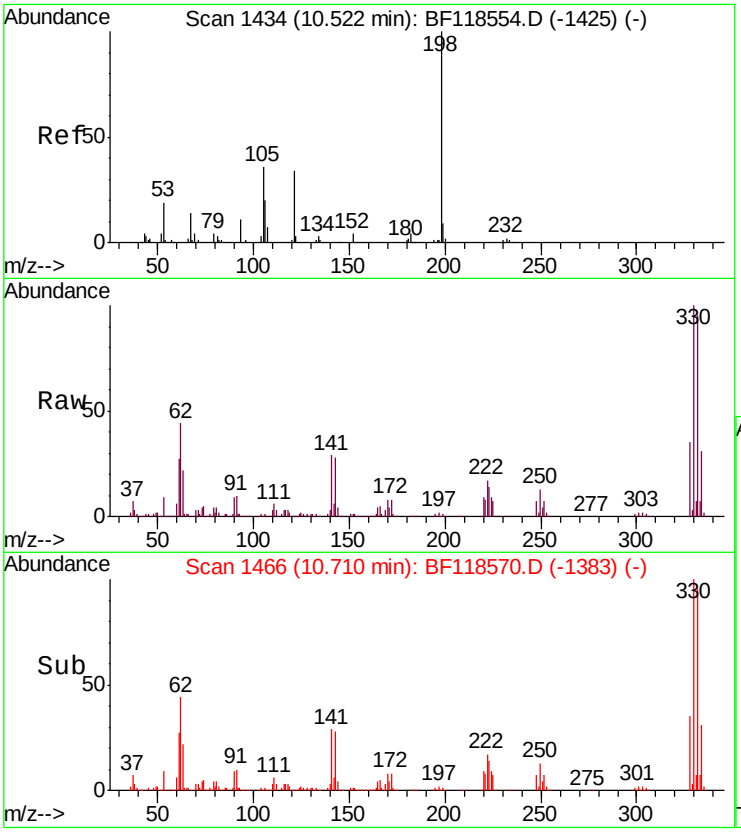


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:188 Resp: 1186087

Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.0	10.4
80	9.0	7.4	11.2



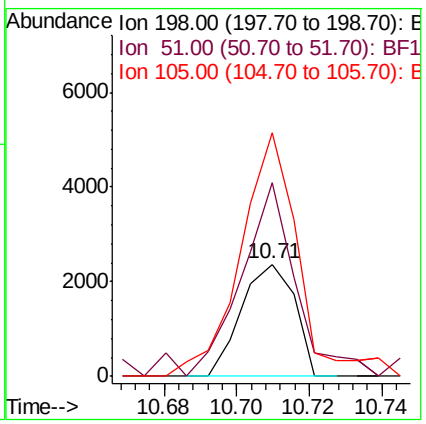


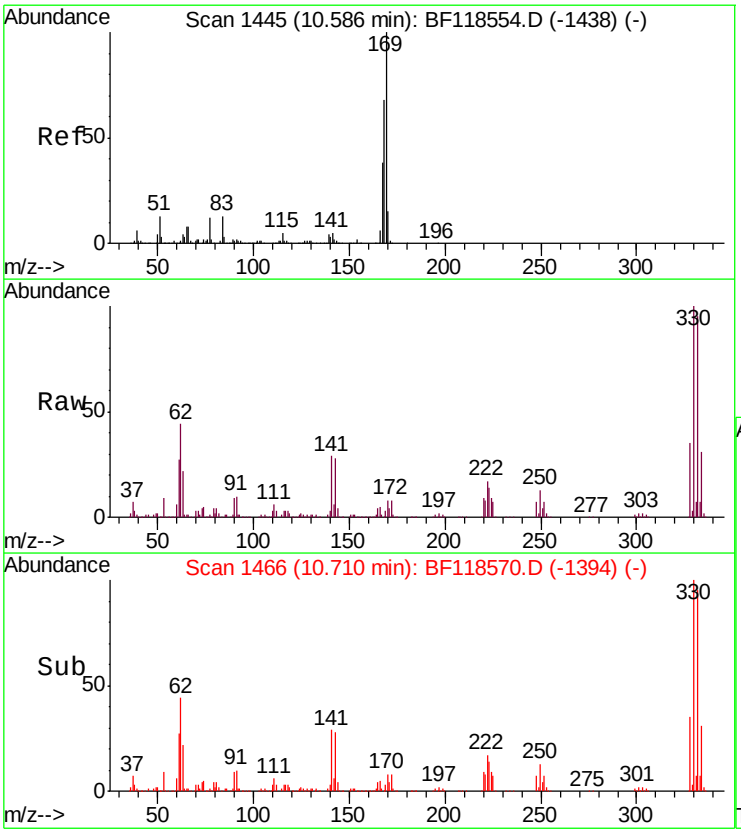
#65
4,6-Dinitro-2-methylphenol
Concen: 10.123 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.19 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:198 Resp: 2409

Ion	Ratio	Lower	Upper
198	100		
51	172.5	13.2	53.2#
105	217.5	17.2	57.2#

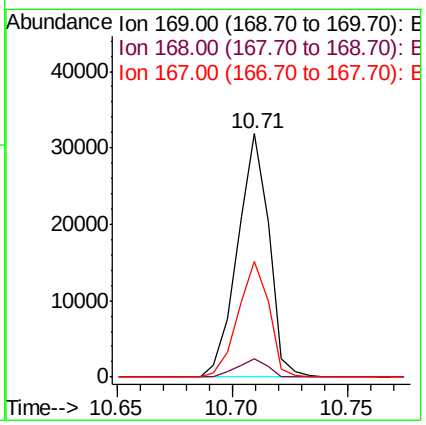


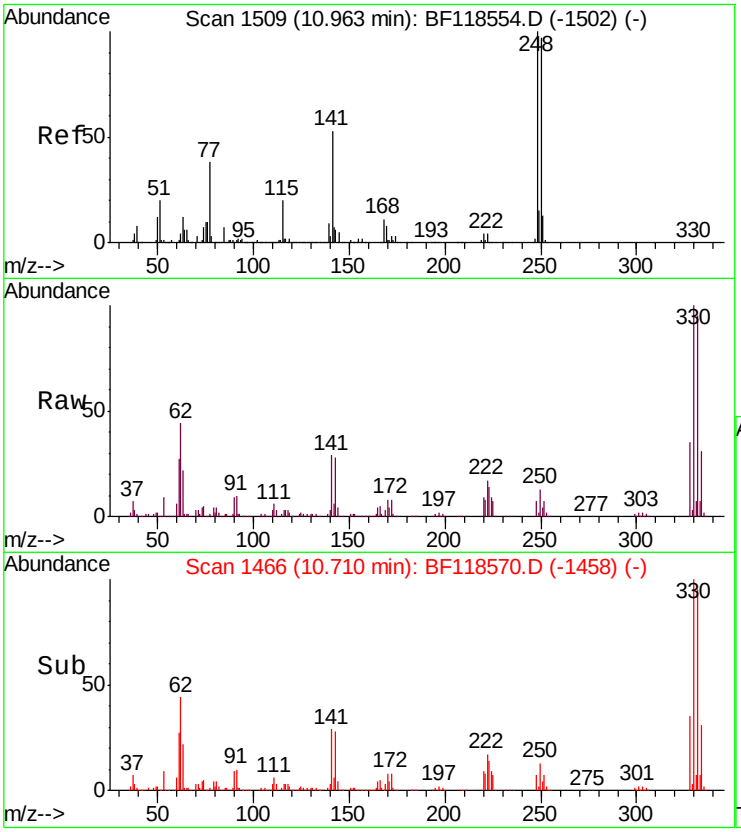


#66
n-Nitrosodiphenylamine
Concen: 0.794 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.12 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:169 Resp: 30248

Ion	Ratio	Lower	Upper
169	100		
168	7.6	54.2	81.4#
167	47.5	30.5	45.7#



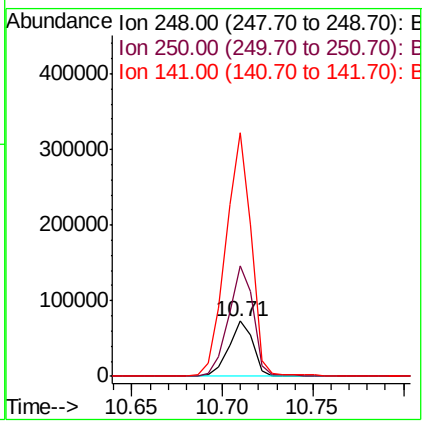


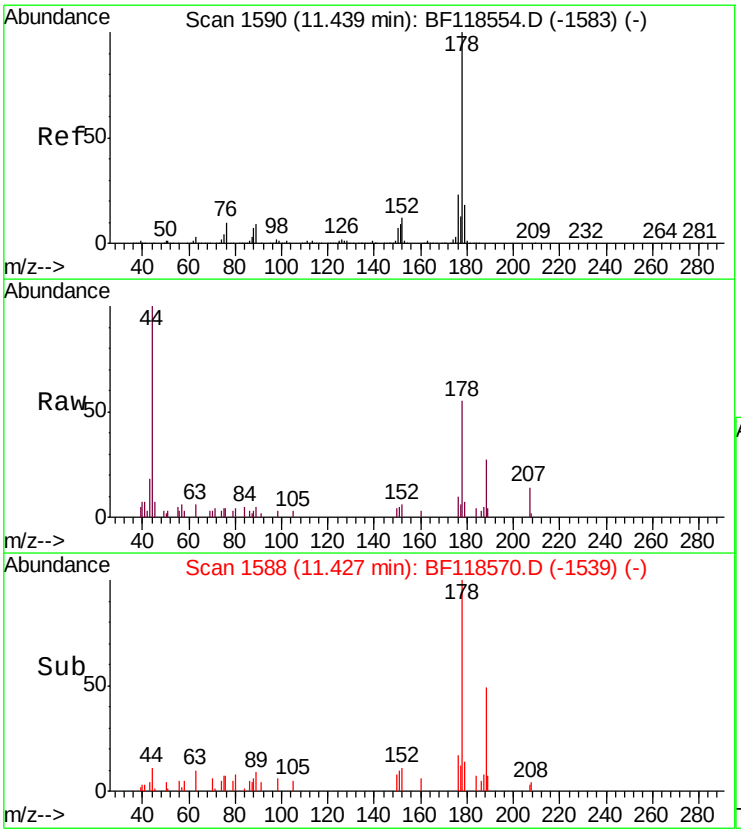
#67
4-Bromophenyl-phenylether
Concen: 4.303 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.25 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:248 Resp: 68325

Ion	Ratio	Lower	Upper
248	100		
250	201.4	77.8	116.8#
141	443.7	42.7	64.1#

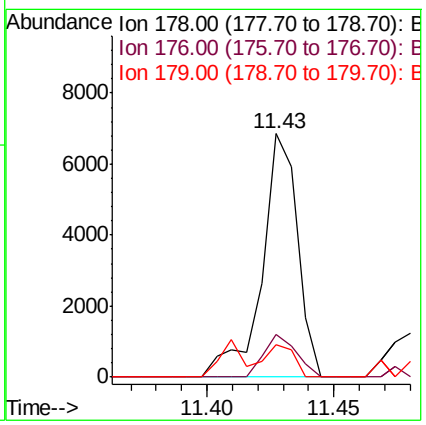


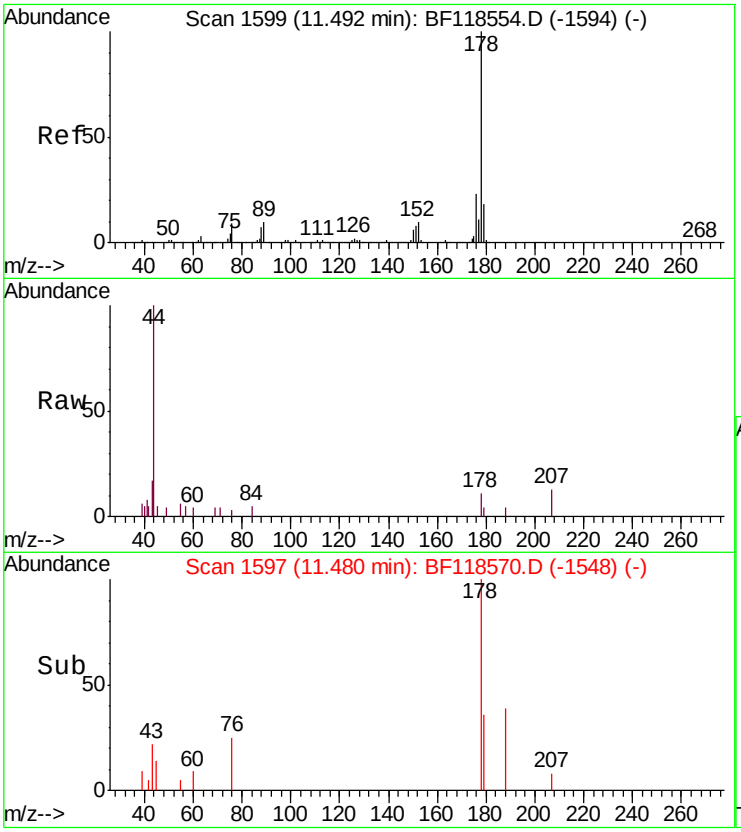


#71
Phenanthrene
Concen: 0.113 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:178 Resp: 6759

Ion	Ratio	Lower	Upper
178	100		
176	17.3	18.6	28.0#
179	13.5	14.6	22.0#



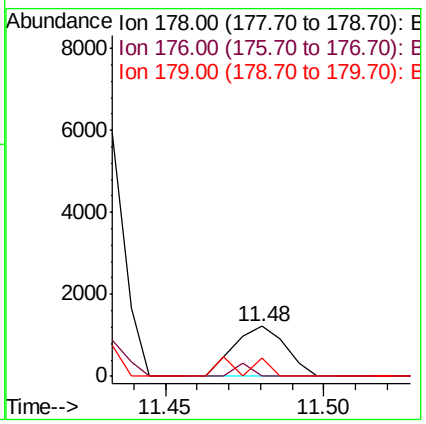


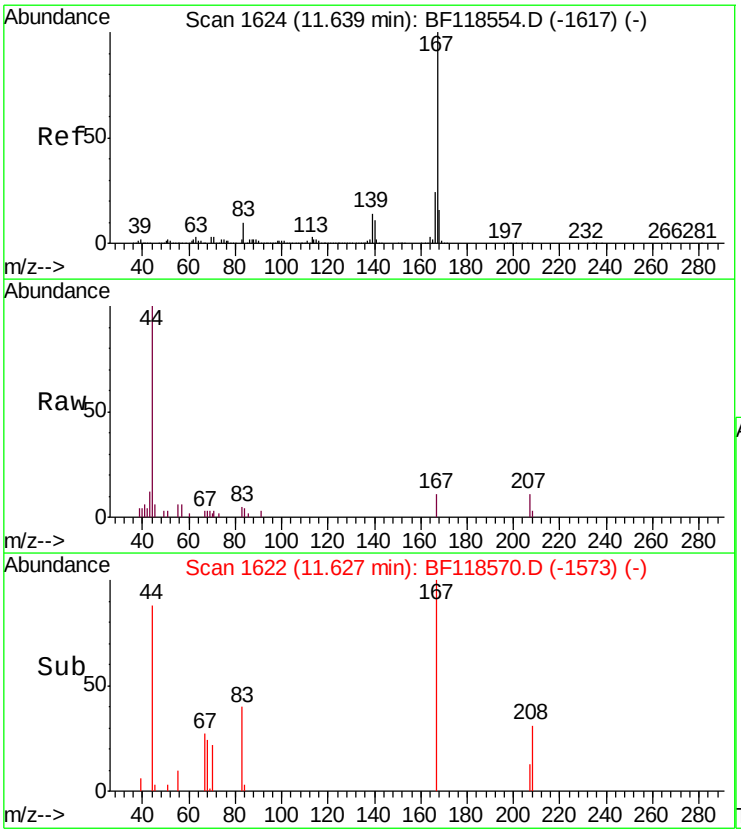
#72
Anthracene
Concen: 0.023 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:178 Resp: 1377

Ion	Ratio	Lower	Upper
178	100		
176	0.0	18.1	27.1#
179	35.9	14.7	22.1#

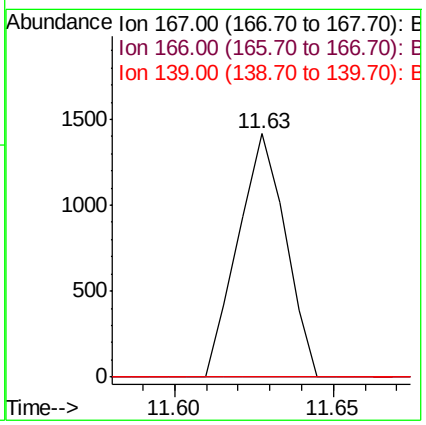


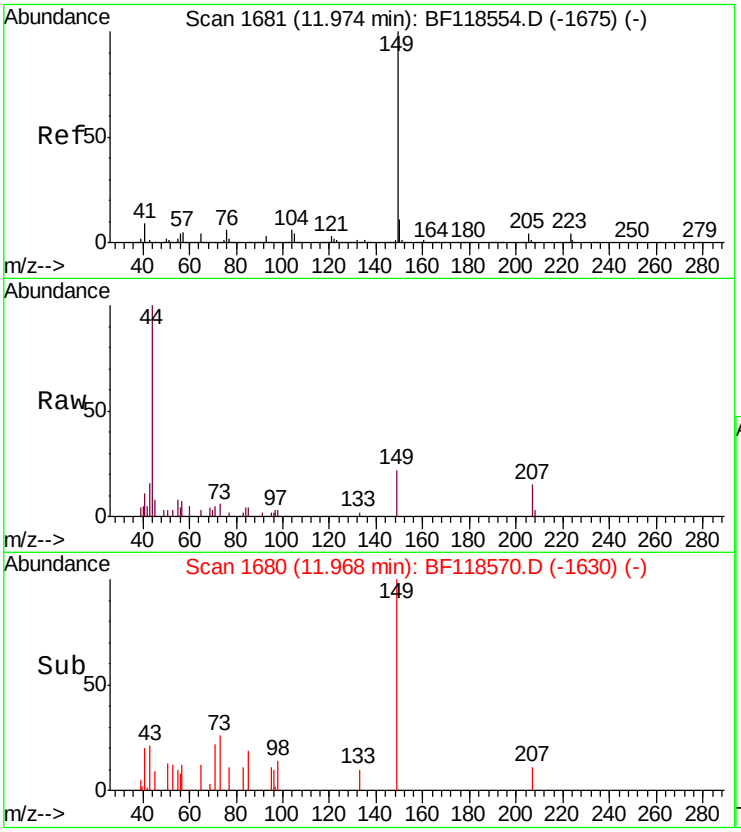


#73
Carbazole
Concen: 0.027 ng
RT: 11.63 min Scan# 1622
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:167 Resp: 1471

Ion	Ratio	Lower	Upper
167	100		
166	0.0	19.5	29.3#
139	0.0	11.5	17.3#



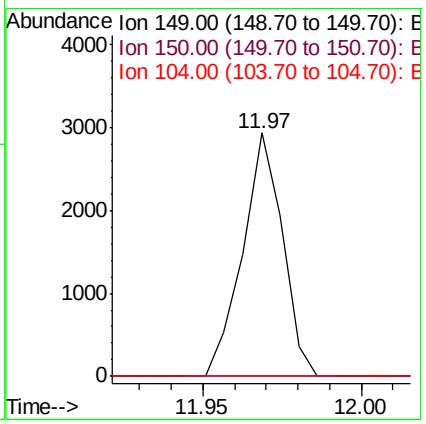


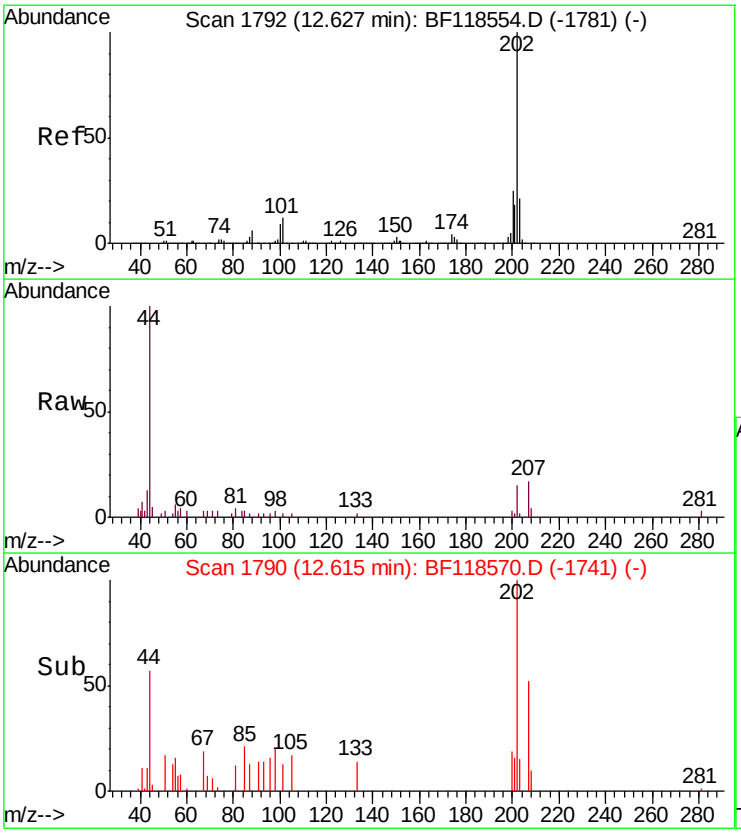
#74
Di-n-butylphthalate
Concen: 0.038 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:149 Resp: 2560

Ion	Ratio	Lower	Upper
149	100		
150	0.0	9.0	13.6#
104	0.0	5.0	7.4#

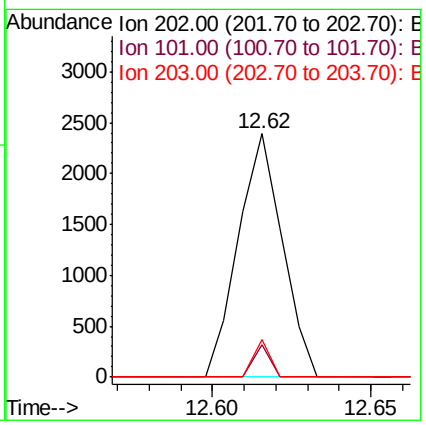


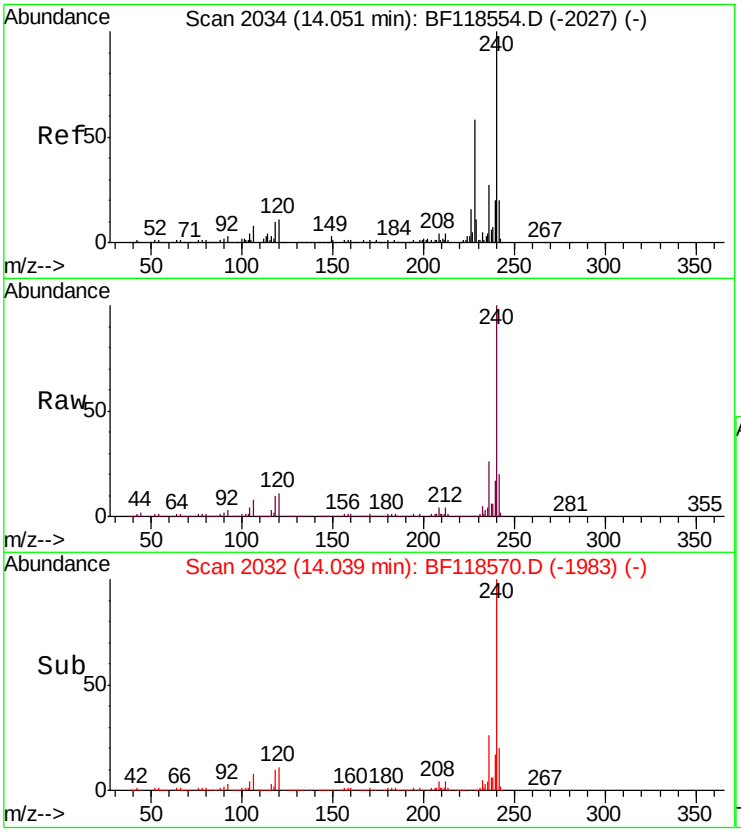


#75
Fluoranthene
Concen: 0.036 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:202 Resp: 2305

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.9
203	15.2	0.9	40.9



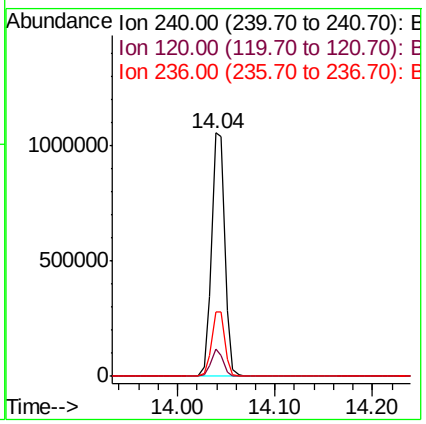


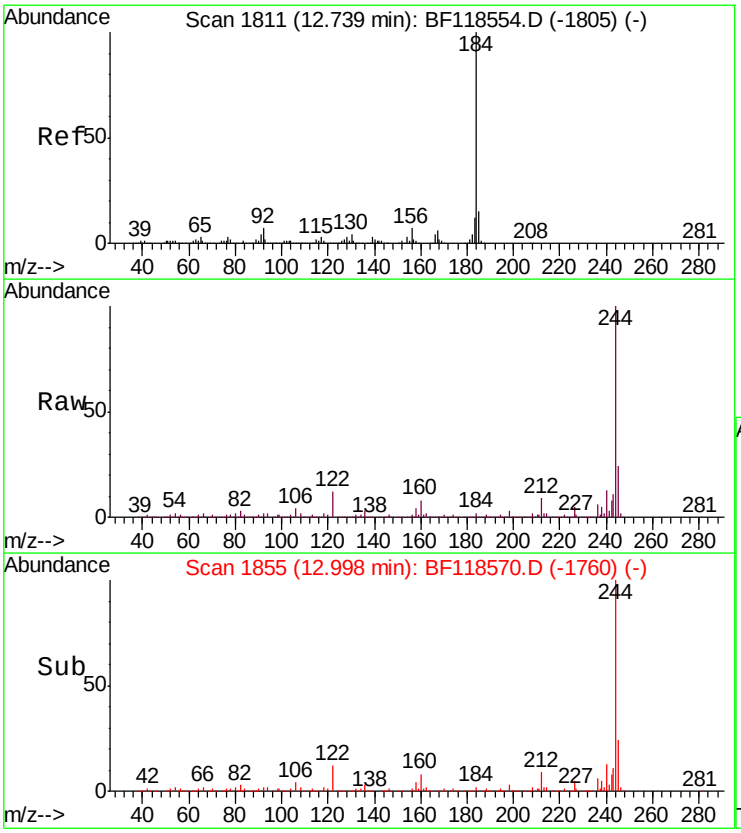
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:240 Resp: 997506

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.7	13.1
236	26.3	21.8	32.8

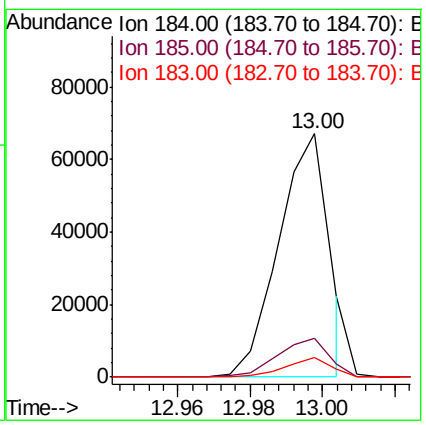


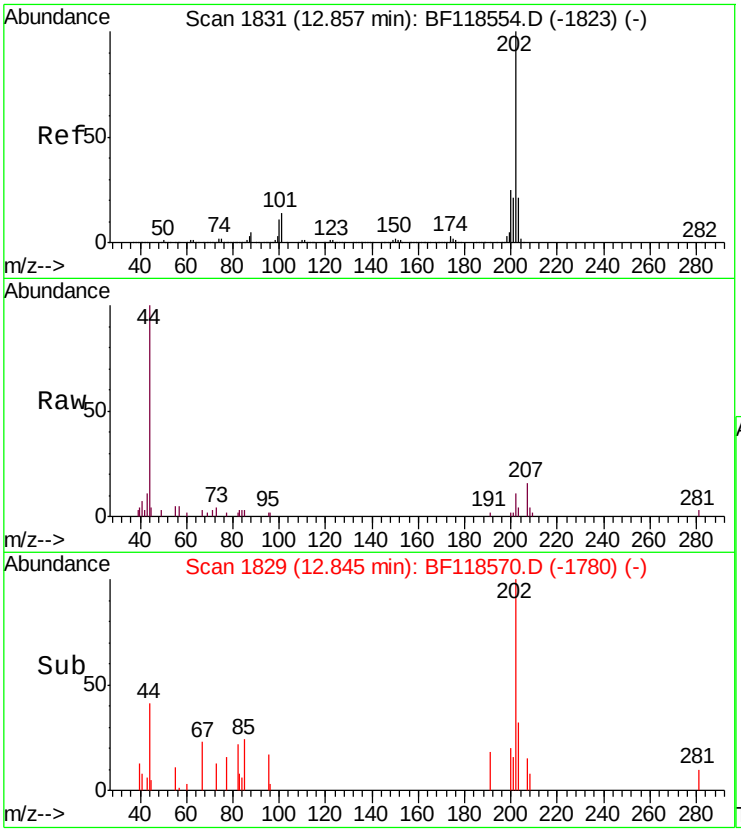


#77
Benzidine
Concen: 2.668 ng
RT: 13.00 min Scan# 1855
Delta R.T. 0.26 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:184 Resp: 64665

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.3	18.5
183	7.9	9.5	14.3#



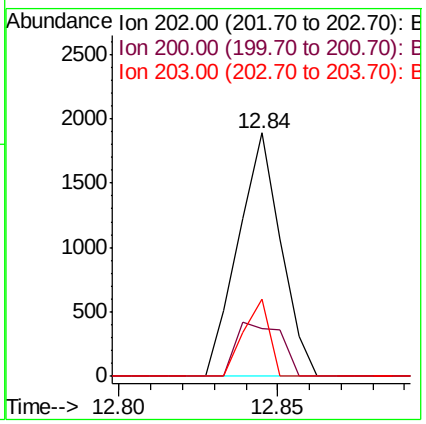


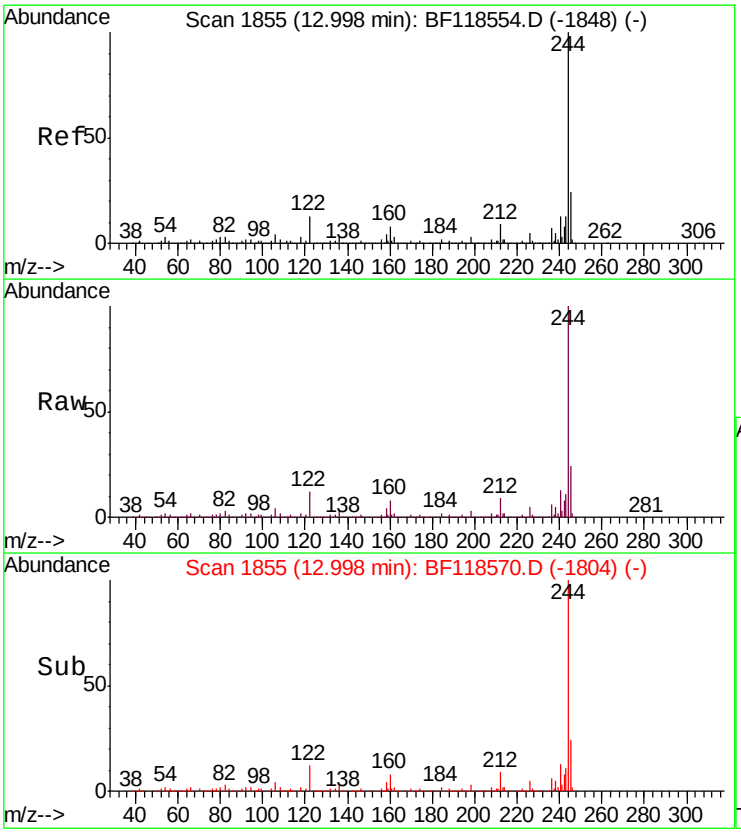
#78
Pyrene
Concen: 0.024 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:202 Resp: 1768

Ion	Ratio	Lower	Upper
202	100		
200	19.7	20.2	30.4#
203	31.7	16.6	25.0#

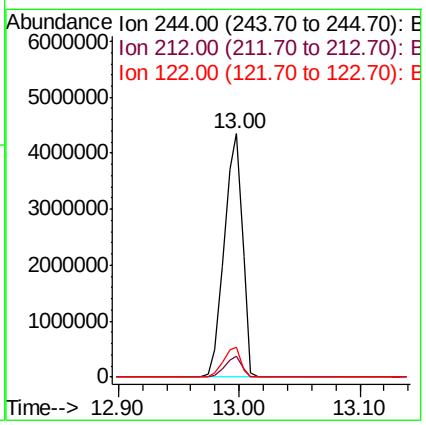


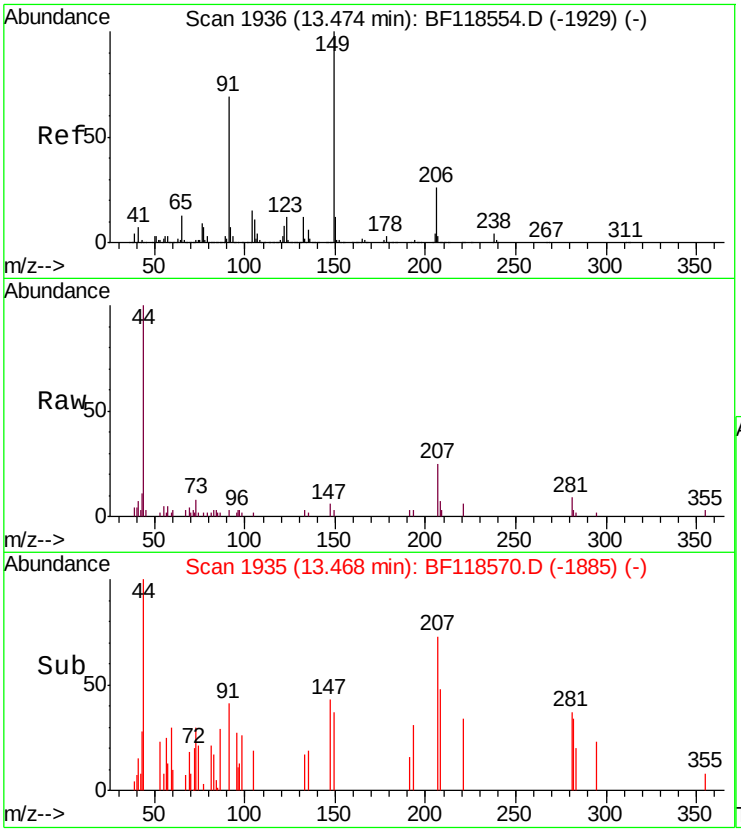


#79
Terphenyl-d14
Concen: 89.658 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:244 Resp: 4528481

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.4
122	12.4	10.4	15.6



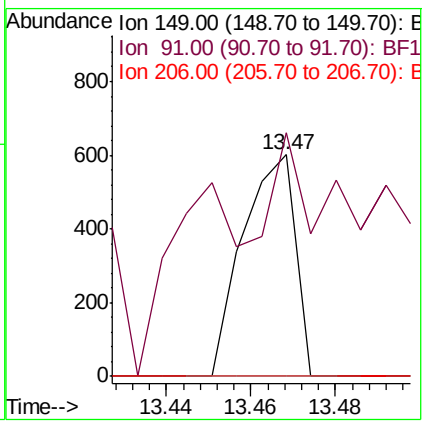


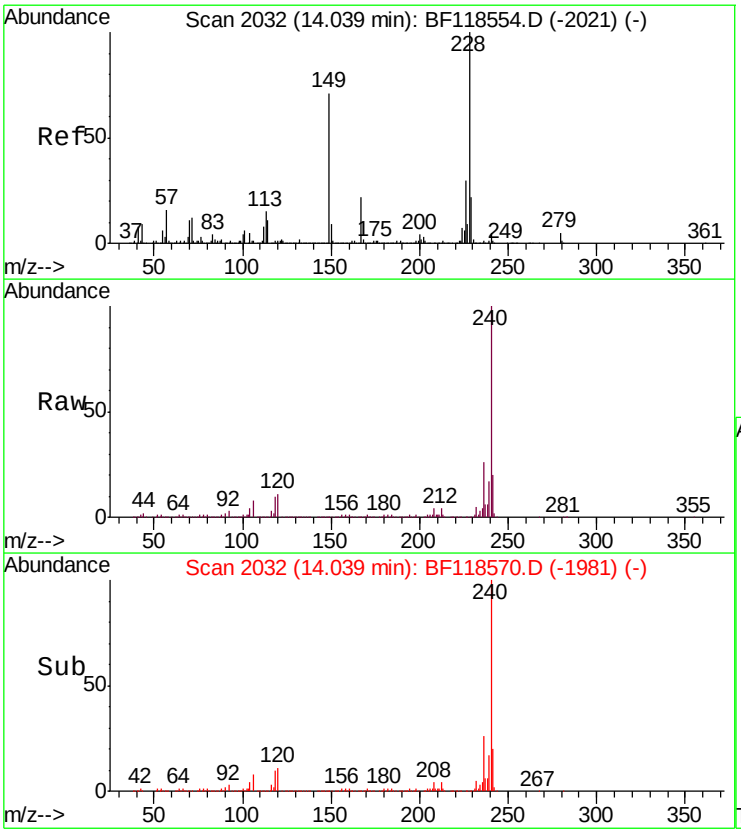
#80
Butylbenzylphthalate
Concen: 0.016 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:149 Resp: 519

Ion	Ratio	Lower	Upper
149	100		
91	110.0	55.5	83.3#
206	0.0	20.7	31.1#

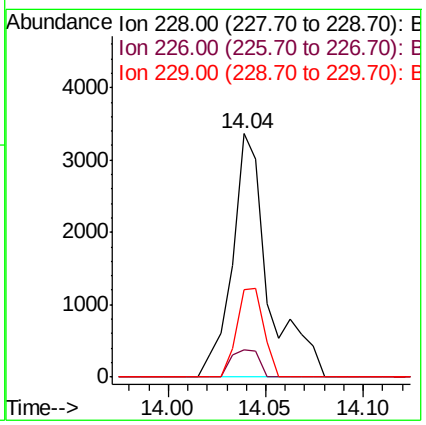


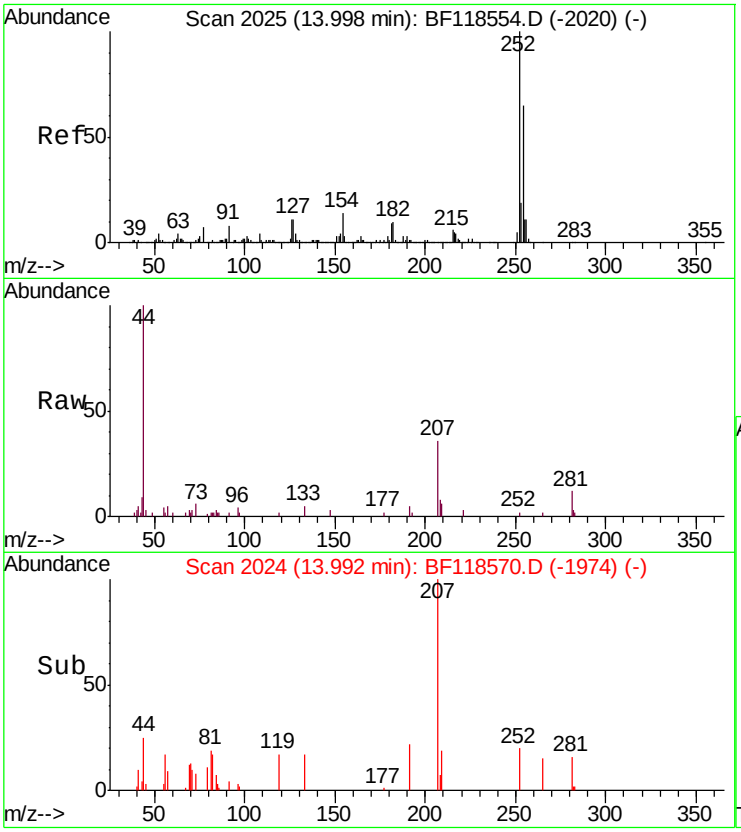


#81
Benzo(a)anthracene
Concen: 0.068 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:228 Resp: 4305

Ion	Ratio	Lower	Upper
228	100		
226	11.1	23.7	35.5#
229	36.1	17.3	25.9#



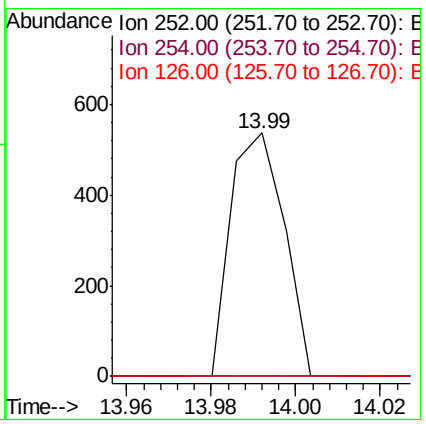


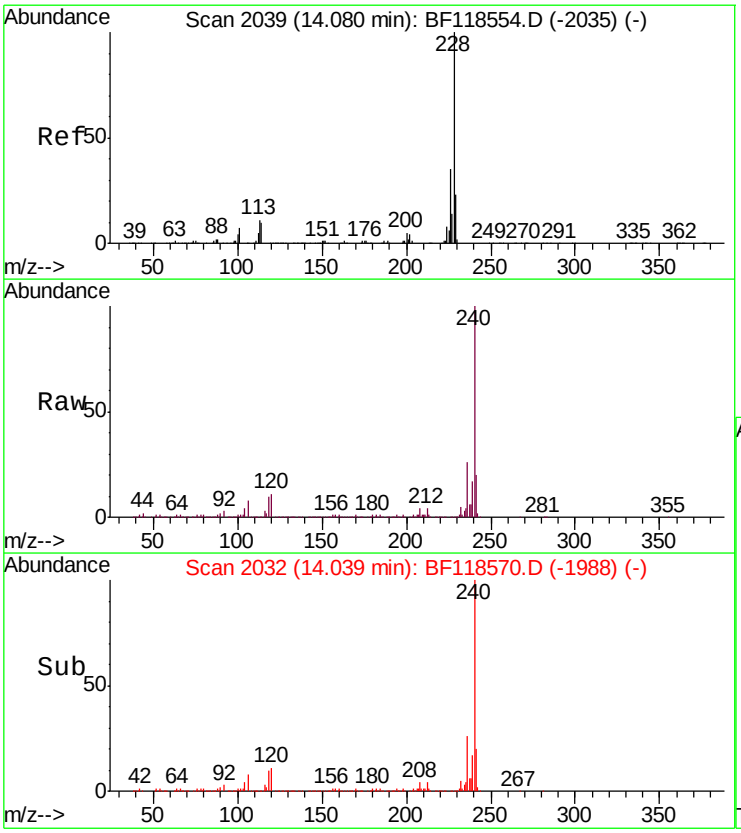
#82
3,3'-Dichlorobenzidine
Concen: 0.021 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:252 Resp: 471

Ion	Ratio	Lower	Upper
252	100		
254	0.0	52.0	78.0#
126	0.0	9.1	13.7#

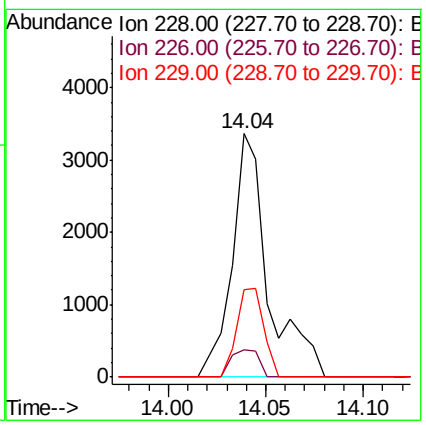


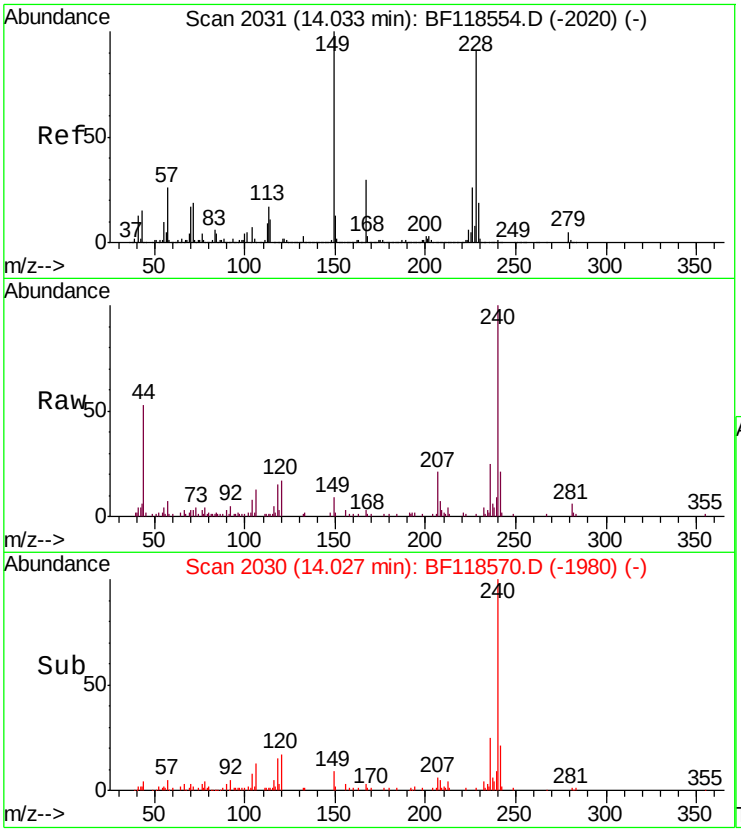


#83
Chrysene
Concen: 0.071 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.04 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:228 Resp: 4305

Ion	Ratio	Lower	Upper
228	100		
226	11.1	28.2	42.2#
229	36.1	18.2	27.2#



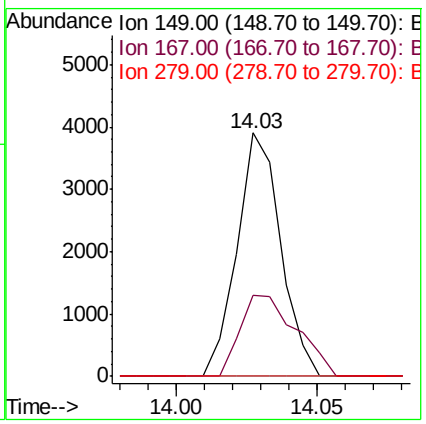


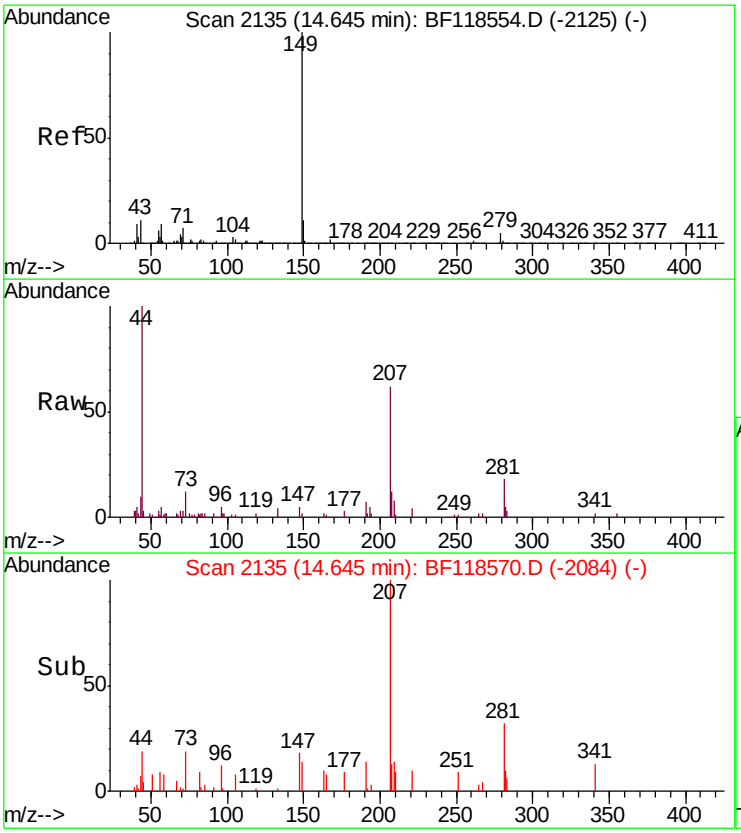
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.106 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:149 Resp: 4181

Ion	Ratio	Lower	Upper
149	100		
167	33.4	23.9	35.9
279	0.0	4.2	6.2#

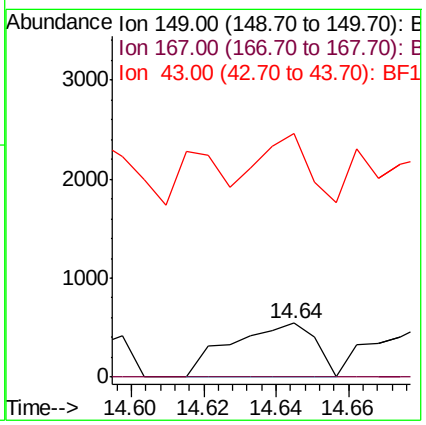


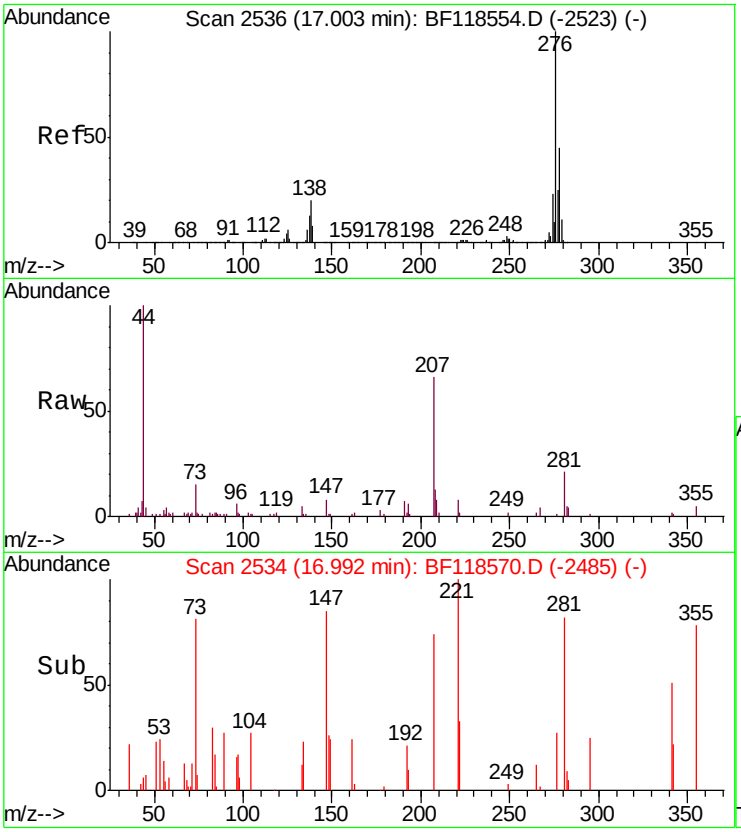


#85
Di-n-octyl phthalate
Concen: 0.014 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:149 Resp: 877

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.2#
43	73.2	8.9	13.3#



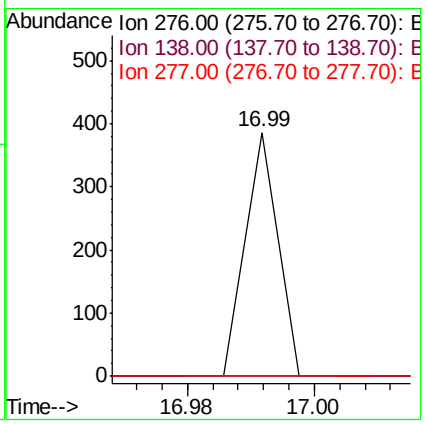


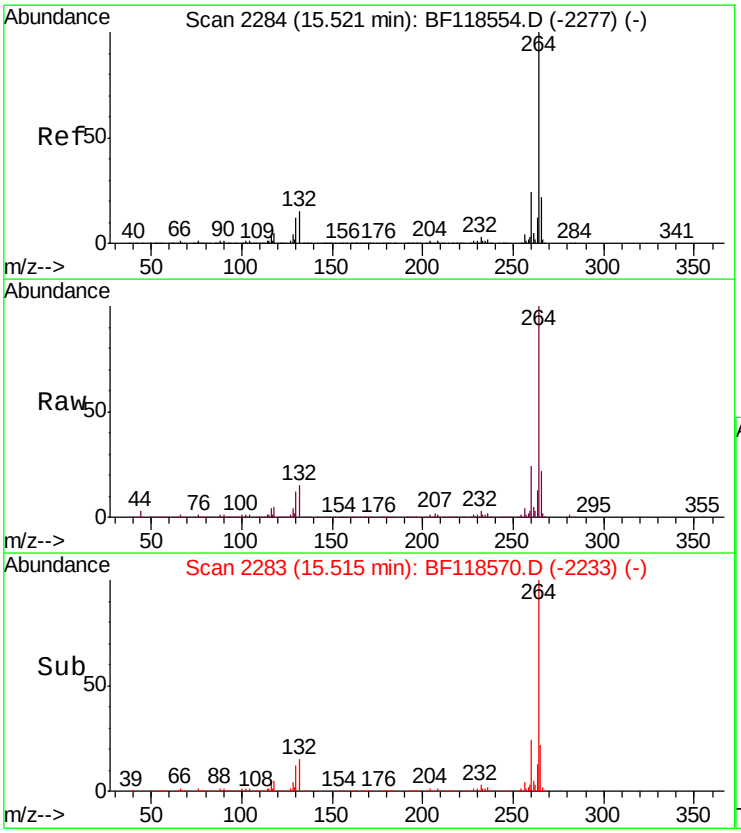
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:276 Resp: 136

Ion	Ratio	Lower	Upper
276	100		
138	0.0	17.3	25.9#
277	0.0	20.5	30.7#

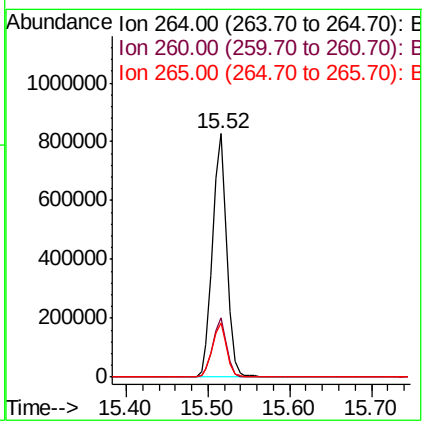


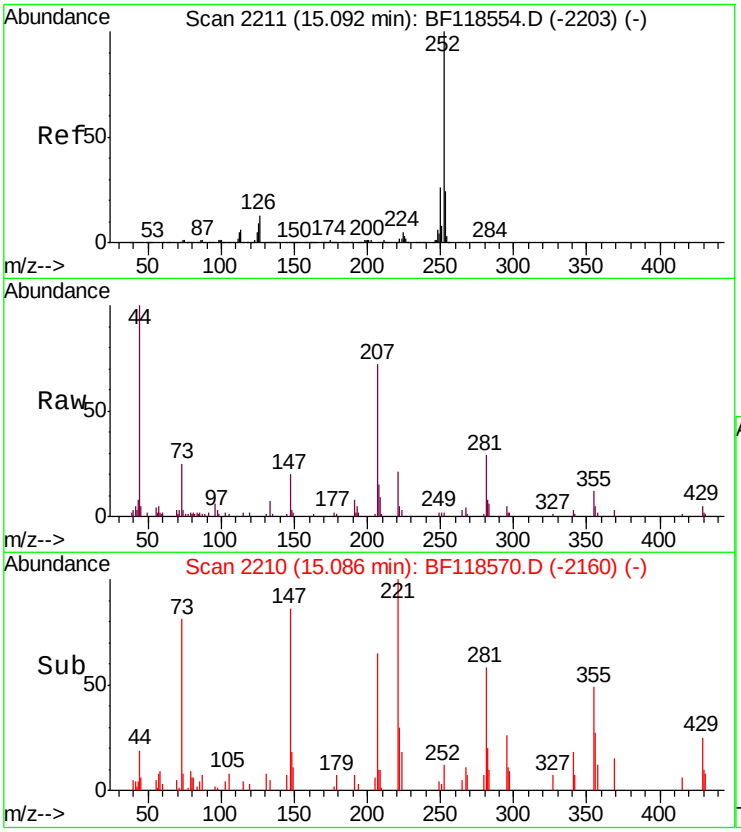


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:264 Resp: 1019866

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	22.1	17.6	26.4



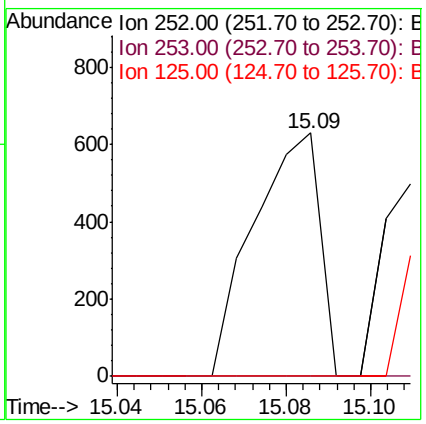


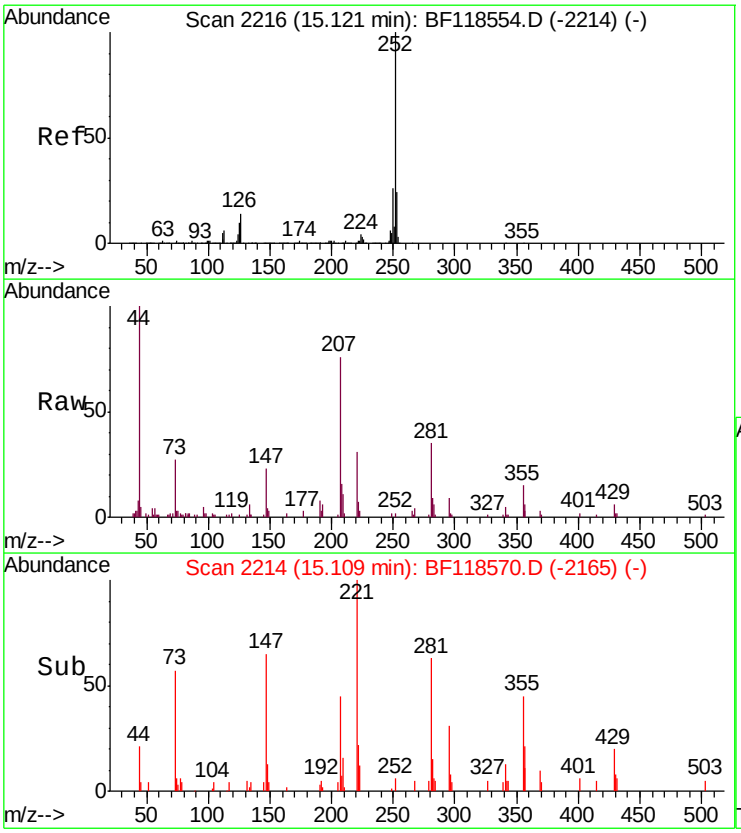
#88
Benzo(b)fluoranthene
Concen: 0.010 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:252 Resp: 688

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.1	28.7#
125	0.0	7.5	11.3#

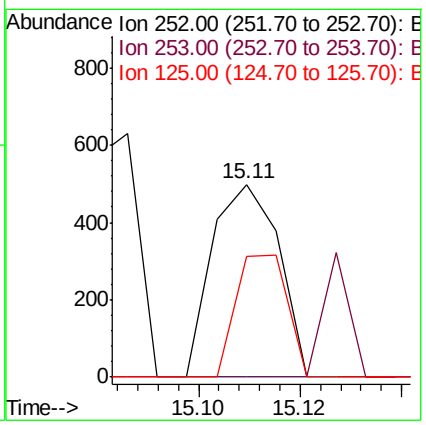


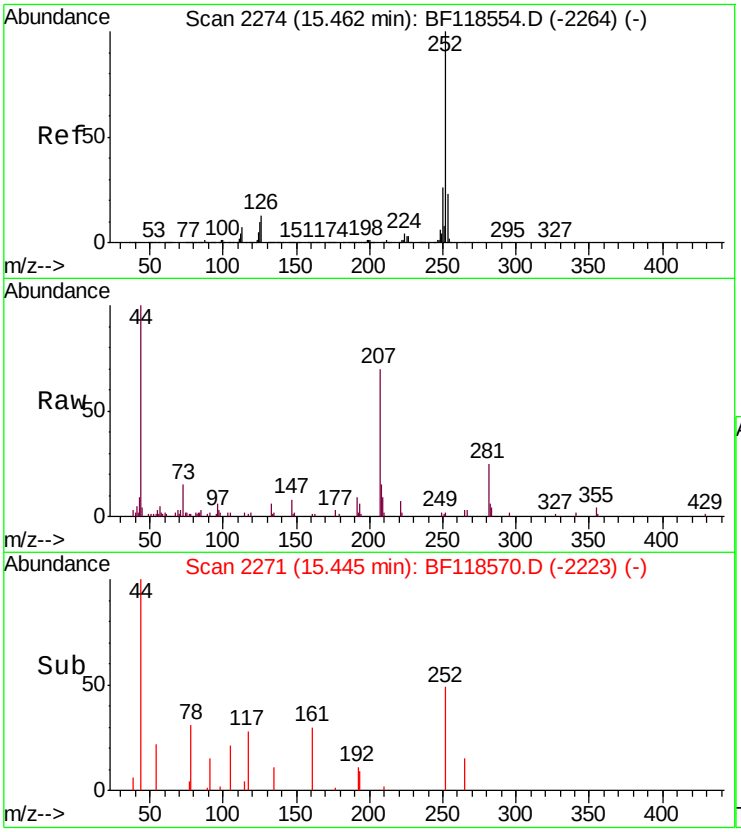


#89
Benzo(k)fluoranthene
Concen: 0.008 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:252 Resp: 454

Ion	Ratio	Lower	Upper
252	100		
253	0.0	19.0	28.4#
125	62.7	7.8	11.8#



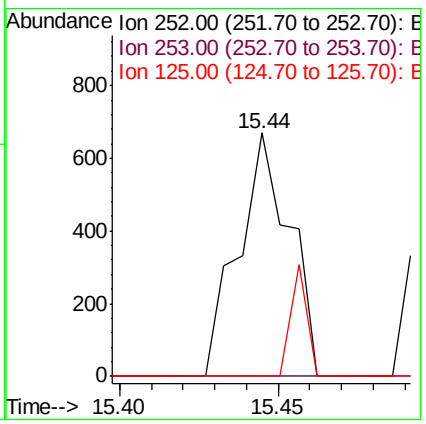


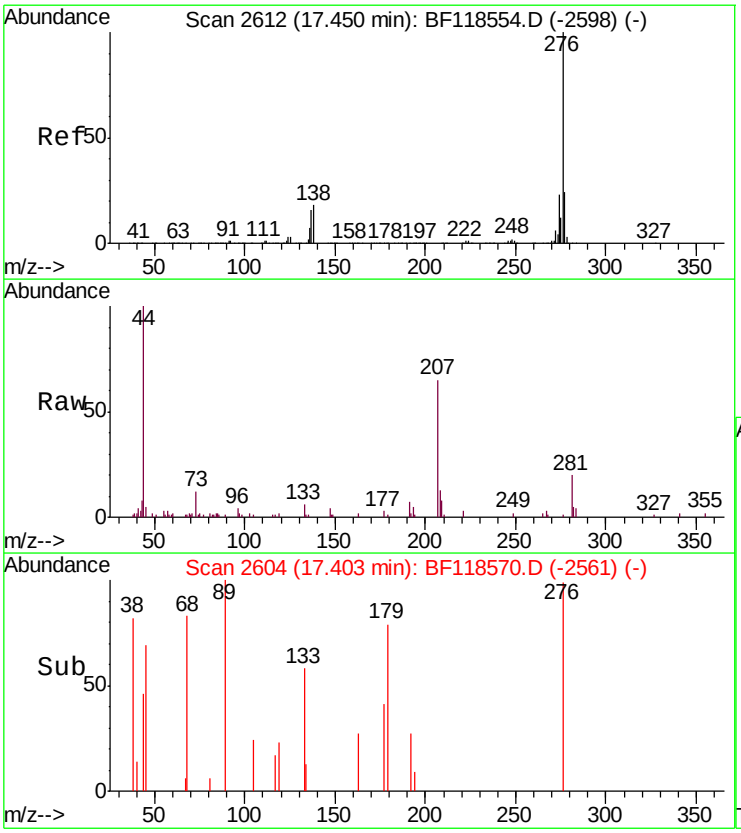
#90
Benzo(a)pyrene
Concen: 0.013 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Instrument :
BNA_F
ClientSampleId :
OK-02-011620

Tgt Ion:252 Resp: 752

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.3	27.5#
125	0.0	7.8	11.6#





#92
Benzo(g,h,i)perylene
Concen: 0.003 ng
RT: 17.40 min Scan# 2604
Delta R.T. -0.05 min
Lab File: BF118570.D
Acq: 17 Jan 2020 20:55

Tgt Ion:276 Resp: 134

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.1	28.7#
138	0.0	14.7	22.1#