Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
Data File : BF120100.D
Acq On : 21 Apr 2020 13:57
Operator : MA/SJ
Sample : PB128341BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128341BS

Quant Time: Apr 21 14:28:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	117049	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	446581	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	232920	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	458932	20.00	ng		0.00
76) Chrysene-d12	13.87	240	348323	20.00	ng		0.00
87) Perylene-d12	15.28	264	303463	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	993655	146.71	ng		0.01
7) Phenol-d6	6.34	99	1255957	143.91	ng		0.00
23) Nitrobenzene-d5	7.26	82	759136	87.94	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	335239	117.56	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1483133	90.41	ng		0.00
79) Terphenyl-d14	12.82	244	1649517	79.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	134291	44.516	ng		95
3) Pyridine	3.07	79	372821	45.045	ng		97
4) n-Nitrosodimethylamine	3.02	42	212495	50.249	ng		99
6) Aniline	6.36	93	359454	31.381	ng	#	64
8) 2-Chlorophenol	6.48	128	391126	51.684	ng		99
9) Benzaldehyde	6.24	77	160565	31.117	ng		97
10) Phenol	6.35	94	496214	50.117	ng		88
11) bis(2-Chloroethyl)ether	6.43	93	365452	47.804	ng		99
12) 1,3-Dichlorobenzene	6.63	146	401254	48.432	ng		98
13) 1,4-Dichlorobenzene	6.71	146	401360	47.557	ng		98
14) 1,2-Dichlorobenzene	6.86	146	377676	48.558	ng		97
15) Benzyl Alcohol	6.84	79	333771	49.240	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	650220	43.709	ng		98
17) 2-Methylphenol	6.96	107	318895	47.220	ng		96
18) Hexachloroethane	7.20	117	151377	47.994	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	269428	48.009	ng		99
20) 3+4-Methylphenols	7.12	107	402100	48.682	ng	#	80
22) Acetophenone	7.11	105	525398	50.241	ng		99
24) Nitrobenzene	7.28	77	410628	47.287	ng		99
25) Isophorone	7.52	82	732794	44.037	ng		100
26) 2-Nitrophenol	7.60	139	215055	49.570	ng		94
27) 2,4-Dimethylphenol	7.65	122	333042	50.899	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	463051	47.289	ng		99
29) 2,4-Dichlorophenol	7.85	162	321095	47.875	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	342932	45.126	ng		98
31) Naphthalene	8.00	128	1126180	47.931	ng		99
32) Benzoic acid	7.78	122	244781	42.596	ng		96
33) 4-Chloroaniline	8.05	127	160074	15.649	ng		96
34) Hexachlorobutadiene	8.12	225	198866	43.715	ng		99
35) Caprolactam	8.43	113	55716	27.157	ng		90
36) 4-Chloro-3-methylphenol	8.55	107	353806	48.725	ng		94
37) 2-Methylnaphthalene	8.70	142	764677	48.004	ng		98
38) 1-Methylnaphthalene	8.79	142	715845	47.678	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	331096	45.007	ng		99

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
Data File : BF120100.D
Acq On : 21 Apr 2020 13:57
Operator : MA/SJ
Sample : PB128341BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128341BS

Quant Time: Apr 21 14:28:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	345326	82.550	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	236141	46.484	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	244564	42.743	ng	96
46) 1,1'-Biphenyl	9.16	154	908482	46.210	ng	99
47) 2-Chloronaphthalene	9.19	162	708548	46.785	ng	98
48) 2-Nitroaniline	9.29	65	256115	46.666	ng	97
49) Acenaphthylene	9.60	152	1130071	49.064	ng	100
50) Dimethylphthalate	9.47	163	815312	45.255	ng	100
51) 2,6-Dinitrotoluene	9.53	165	185543	47.030	ng	98
52) Acenaphthene	9.77	154	672356	43.761	ng	99
53) 3-Nitroaniline	9.69	138	106719	23.685	ng	98
54) 2,4-Dinitrophenol	9.81	184	215257	91.133	ng	97
55) Dibenzofuran	9.95	168	1011848	47.992	ng	99
56) 4-Nitrophenol	9.87	139	311781	92.998	ng	95
57) 2,4-Dinitrotoluene	9.93	165	247070	47.533	ng	91
58) Fluorene	10.29	166	799861	47.437	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.07	232	206013	47.078	ng	99
60) Diethylphthalate	10.17	149	827379	44.310	ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	375584	43.460	ng	98
62) 4-Nitroaniline	10.32	138	203403	47.368	ng	99
63) Azobenzene	10.44	77	798213	47.700	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	143784	47.556	ng	85
66) n-Nitrosodiphenylamine	10.40	169	714277	46.799	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	226718	39.724	ng	93
68) Hexachlorobenzene	10.83	284	250608	43.284	ng	96
69) Atrazine	10.93	200	211807	49.877	ng	98
70) Pentachlorophenol	11.03	266	257941	77.308	ng	99
71) Phenanthrene	11.25	178	1167649	47.806	ng	99
72) Anthracene	11.30	178	1205775	48.325	ng	99
73) Carbazole	11.46	167	1122417	47.568	ng	99
74) Di-n-butylphthalate	11.79	149	1298828	41.872	ng	100
75) Fluoranthene	12.44	202	1280926	48.604	ng	98
77) Benzidine	12.56	184	519756	44.143	ng	97
78) Pyrene	12.66	202	1299130	44.242	ng	100
80) Butylbenzylphthalate	13.29	149	551879	38.732	ng	97
81) Benzo(a)anthracene	13.86	228	1082377	47.235	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	218486	25.554	ng	95
83) Chrysene	13.89	228	1094858	47.023	ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	708668	36.727	ng	98
85) Di-n-octyl phthalate	14.47	149	1248829	38.012	ng	99
86) Indeno(1,2,3-cd)pyrene	16.66	276	879686	42.861	ng	98
88) Benzo(b)fluoranthene	14.88	252	987050	45.214	ng	98
89) Benzo(k)fluoranthene	14.91	252	976662	51.852	ng	98
90) Benzo(a)pyrene	15.23	252	836602	45.579	ng	99
91) Dibenzo(a,h)anthracene	16.67	278	732350	45.044	ng	97
92) Benzo(g,h,i)perylene	17.07	276	689636	42.971	ng	98

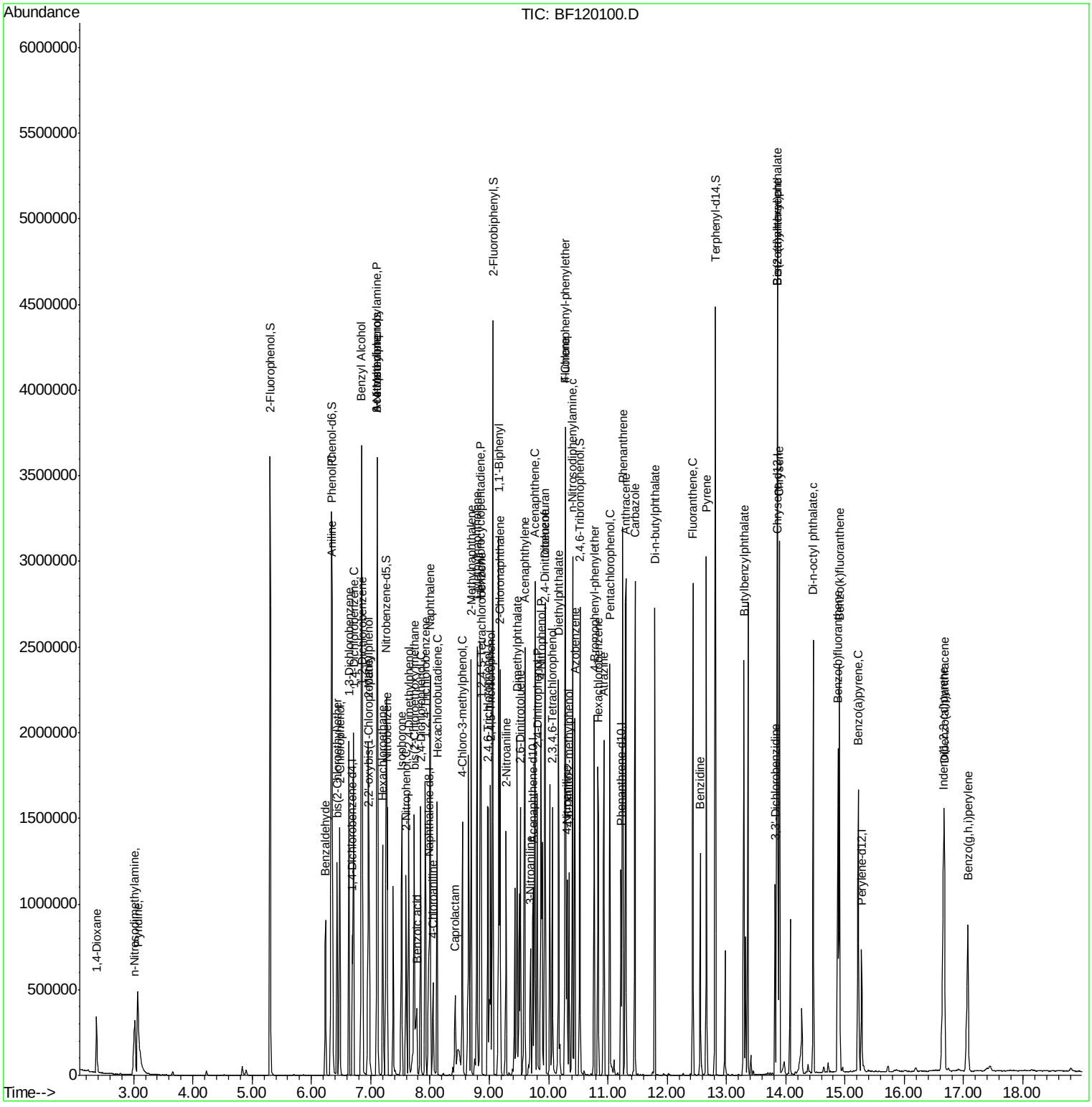
(#) = qualifier out of range (m) = manual integration (+) = signals summed

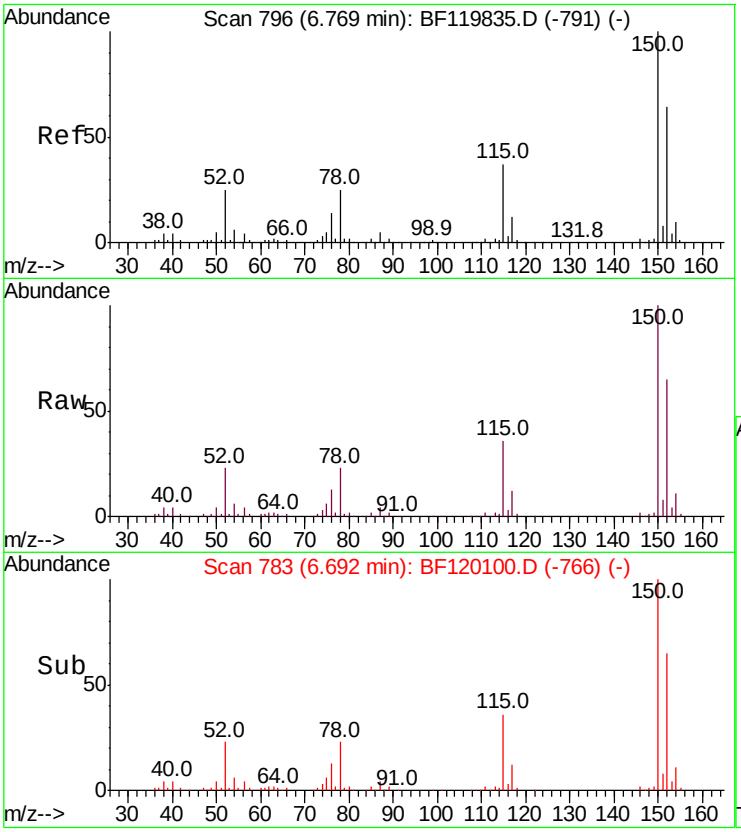
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042120\
Data File : BF120100.D
Acq On : 21 Apr 2020 13:57
Operator : MA/SJ
Sample : PB128341BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Quant Time: Apr 21 14:28:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 13:48:22 2020
Response via : Initial Calibration



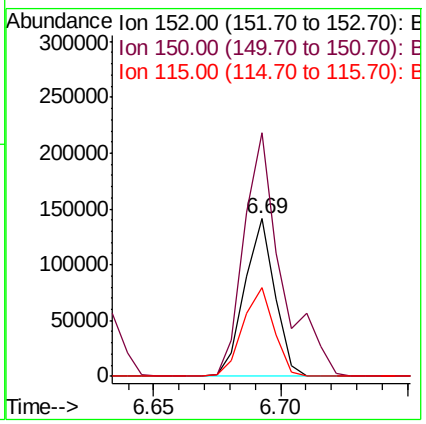


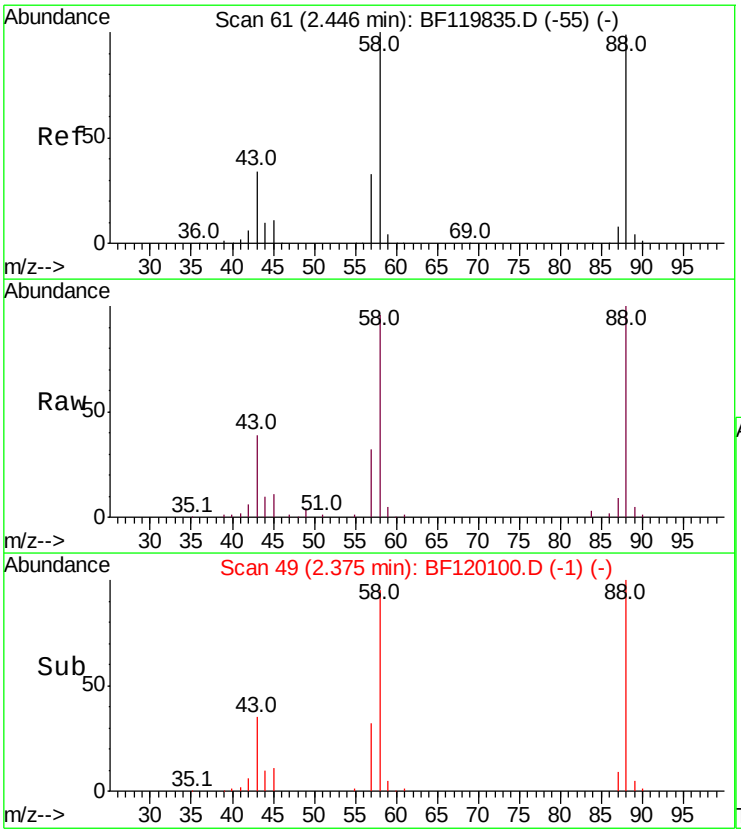
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:152 Resp: 117049

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.8	187.2
115	56.1	46.5	69.7

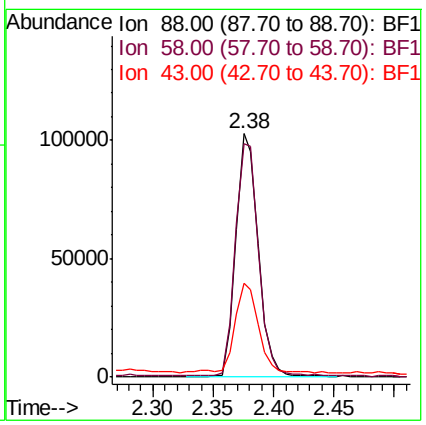


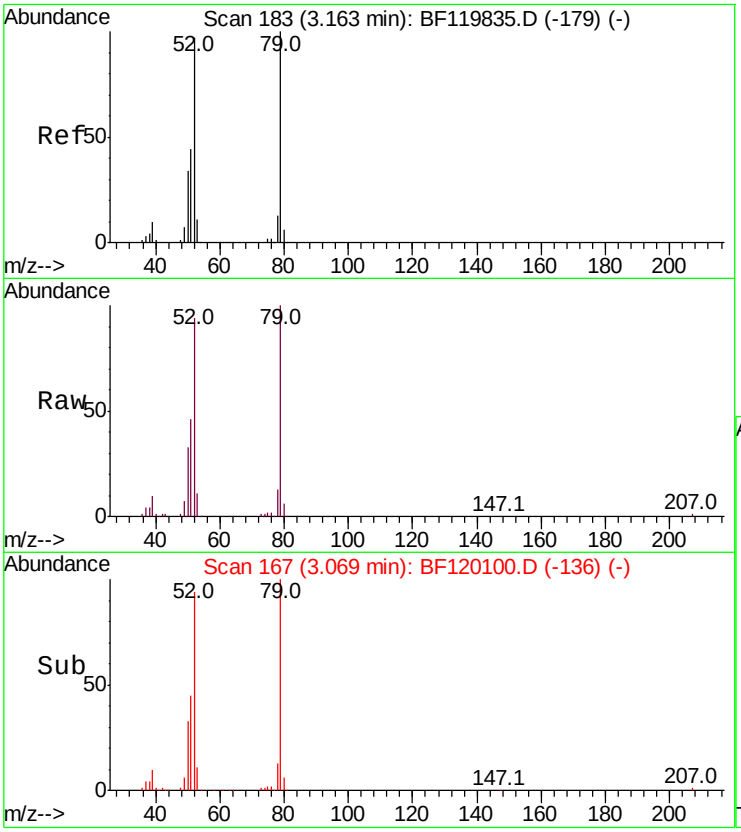


#2
1,4-Dioxane
Concen: 44.516 ng
RT: 2.38 min Scan# 49
Delta R.T. 0.08 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 88 Resp: 134291

Ion	Ratio	Lower	Upper
88	100		
58	98.3	82.6	123.8
43	38.9	28.6	42.8



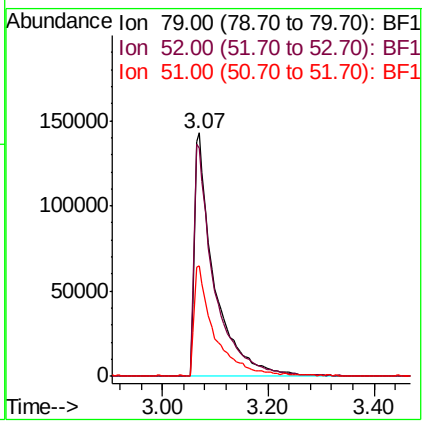


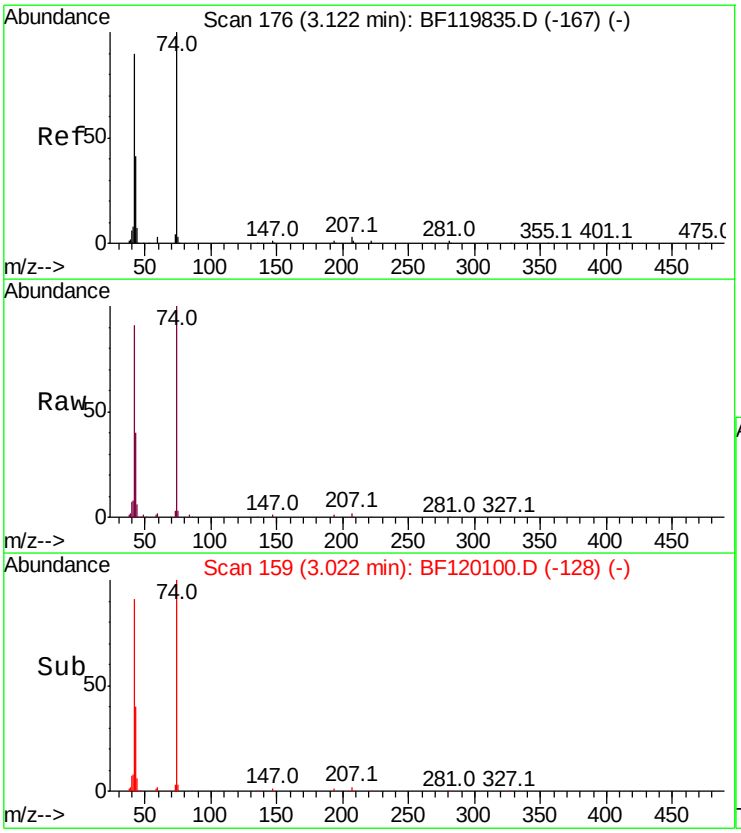
#3
Pyridine
Concen: 45.045 ng
RT: 3.07 min Scan# 167
Delta R.T. 0.08 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 79 Resp: 372821

Ion	Ratio	Lower	Upper
79	100		
52	94.0	77.4	116.0
51	45.6	35.3	52.9

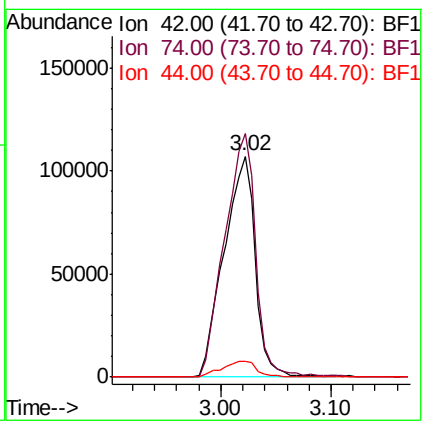


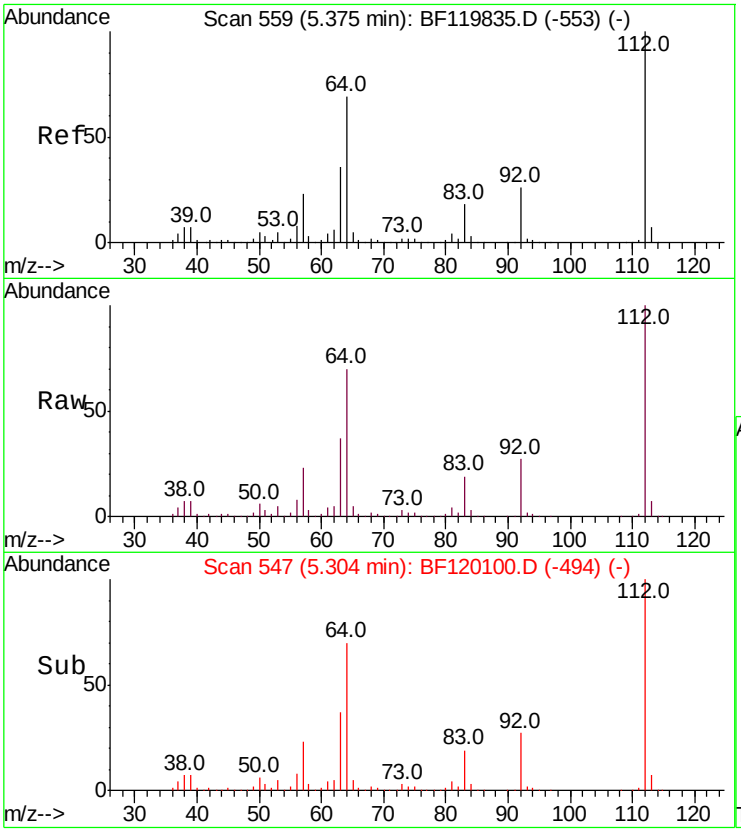


#4
n-Nitrosodimethylamine
Concen: 50.249 ng
RT: 3.02 min Scan# 159
Delta R.T. 0.08 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 42 Resp: 212495

Ion	Ratio	Lower	Upper
42	100		
74	110.4	89.0	133.4
44	7.0	6.2	9.4



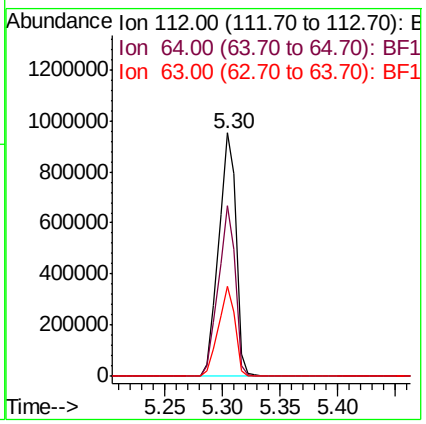


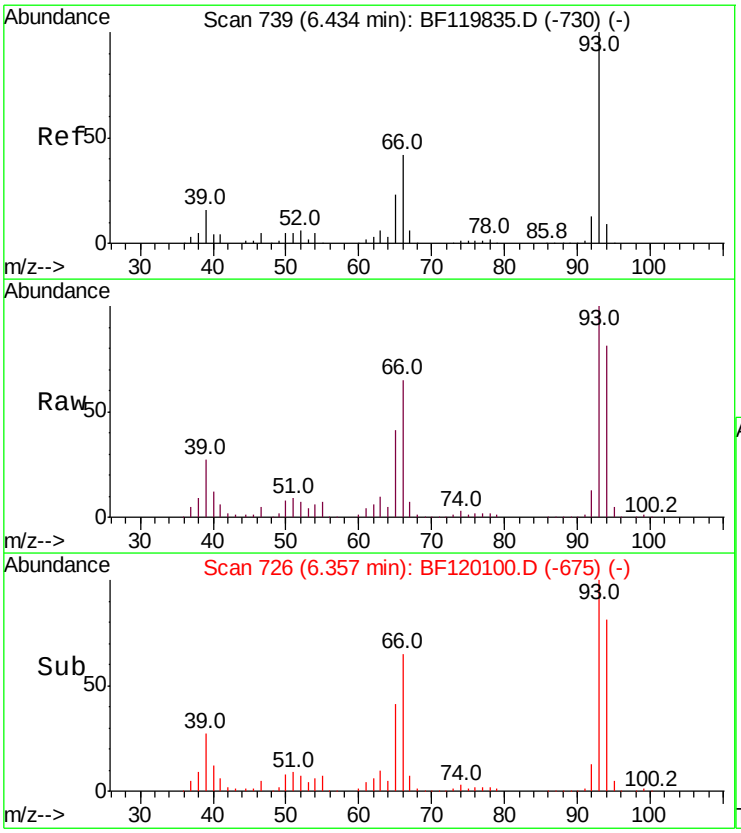
#5
2-Fluorophenol
Concen: 146.709 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:112 Resp: 993655

Ion	Ratio	Lower	Upper
112	100		
64	69.9	55.5	83.3
63	37.1	29.1	43.7

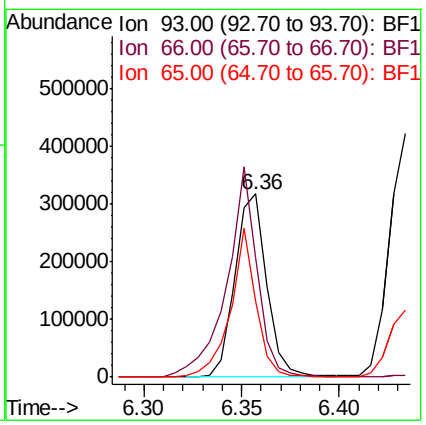




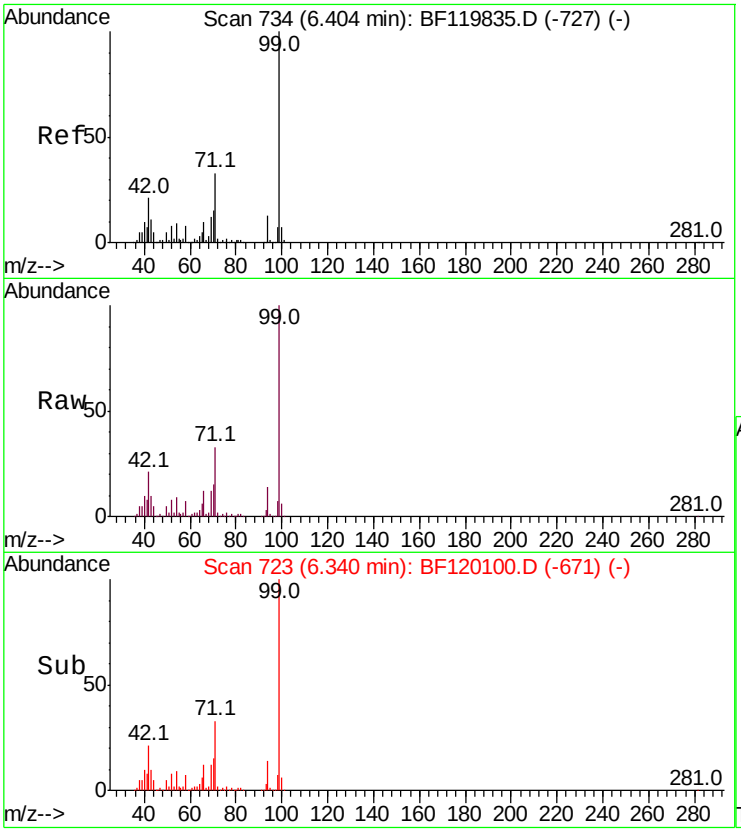
#6
Aniline
Concen: 31.381 ng
RT: 6.36 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 93 Resp: 359454

Ion	Ratio	Lower	Upper
93	100		
66	65.4	34.2	51.2#
65	41.2	18.3	27.5#



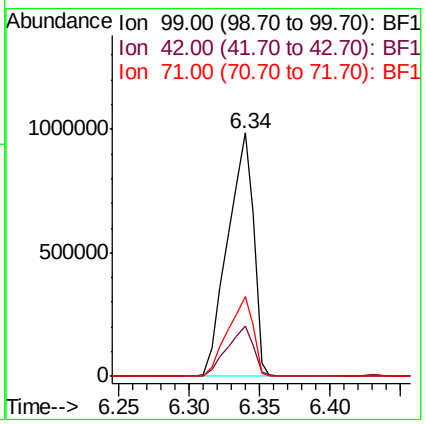
Instrument :
BNA_F
ClientSampleId :
PB128341BS

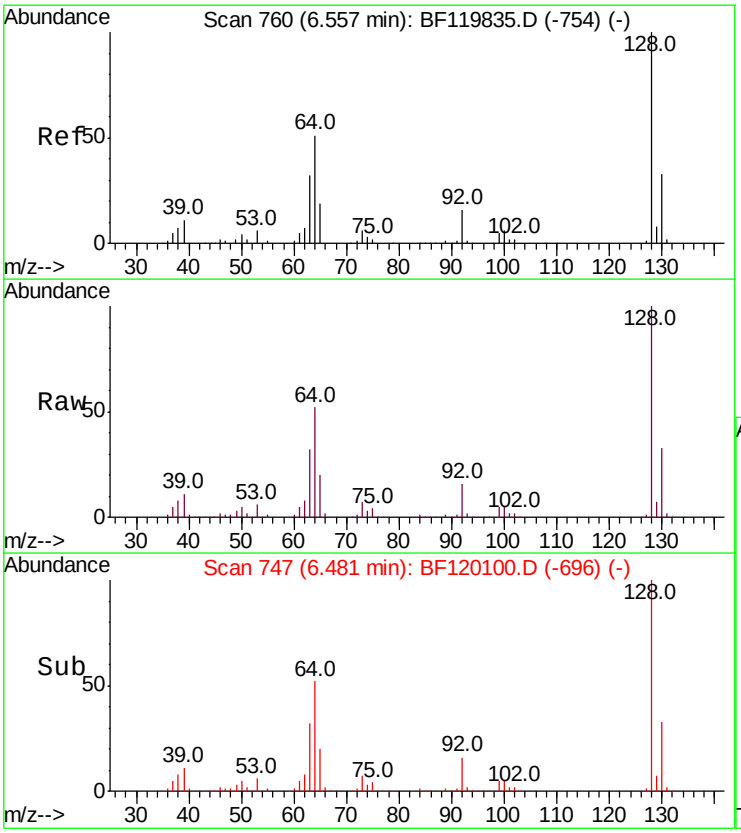


#7
Phenol-d6
Concen: 143.912 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 99 Resp: 1255957

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.9	25.3
71	32.5	26.3	39.5

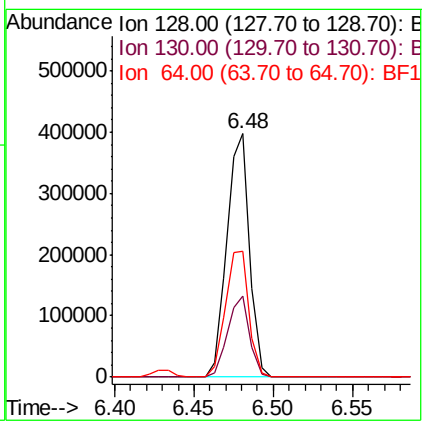


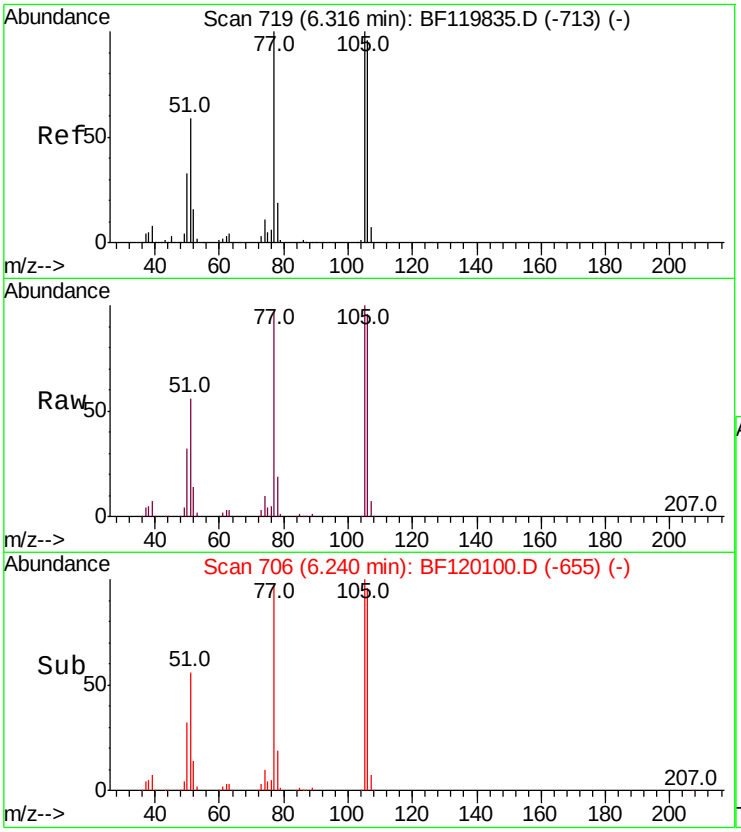


#8
2-Chlorophenol
Concen: 51.684 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:128 Resp: 391126

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	51.6	32.0	72.0



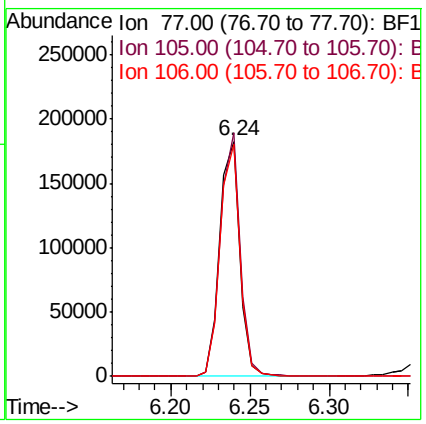


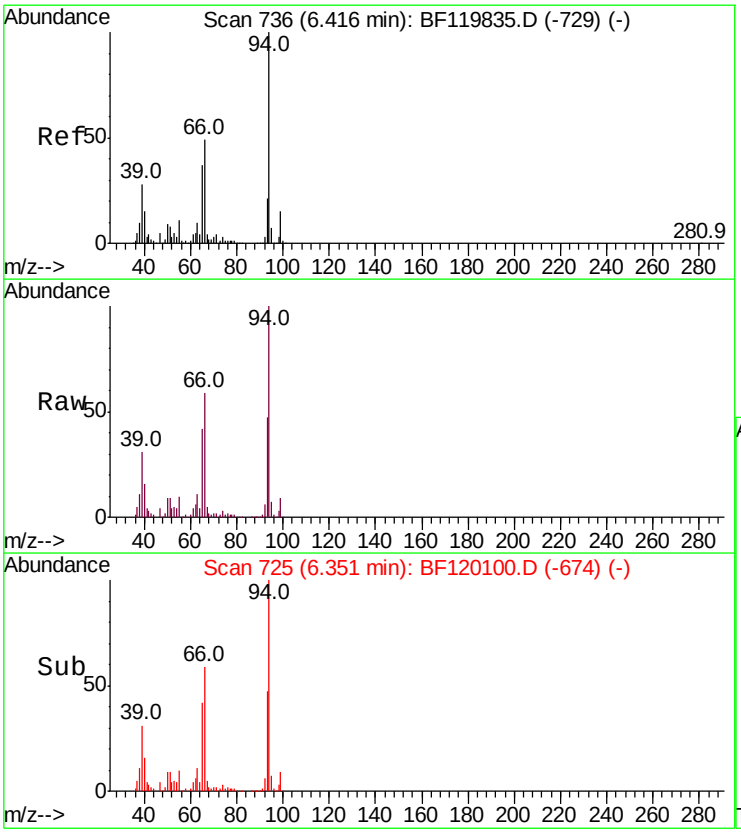
#9
Benzaldehyde
Concen: 31.117 ng
RT: 6.24 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 77 Resp: 160565

Ion	Ratio	Lower	Upper
77	100		
105	103.6	79.9	119.9
106	98.9	76.4	116.4

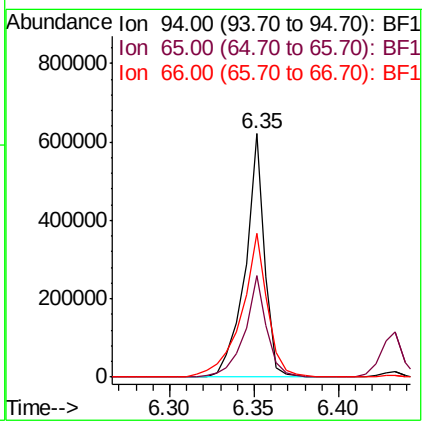


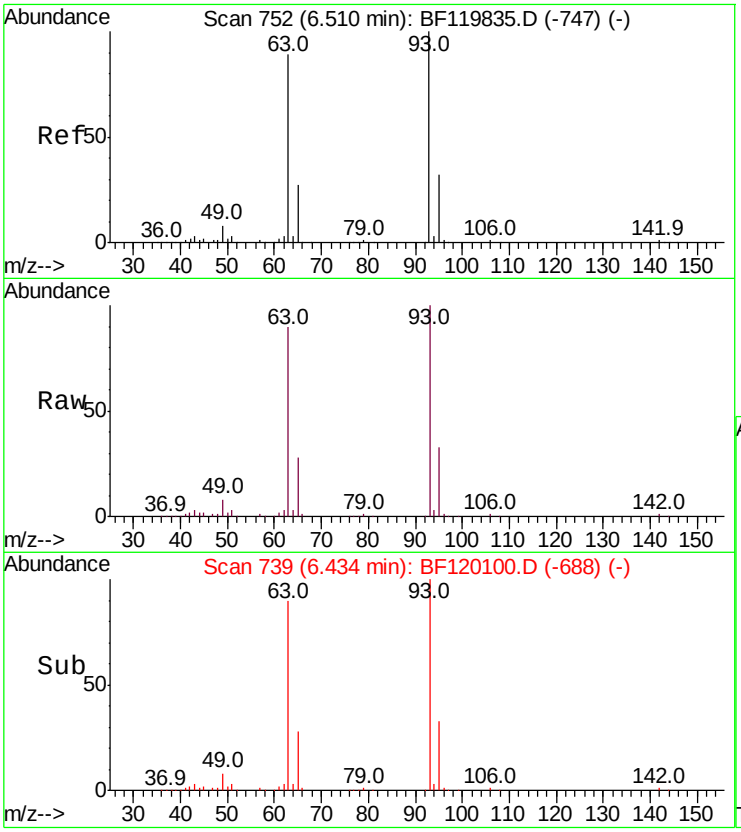


#10
Phenol
Concen: 50.117 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 94 Resp: 496214

Ion	Ratio	Lower	Upper
94	100		
65	41.5	16.6	56.6
66	58.9	29.3	69.3



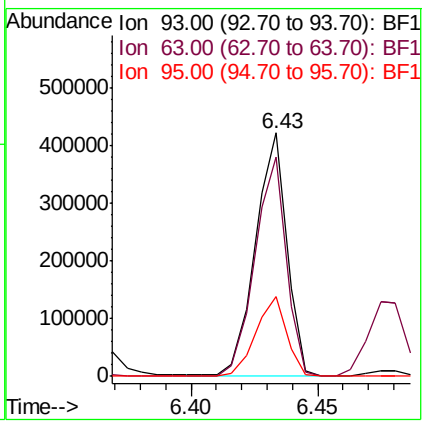


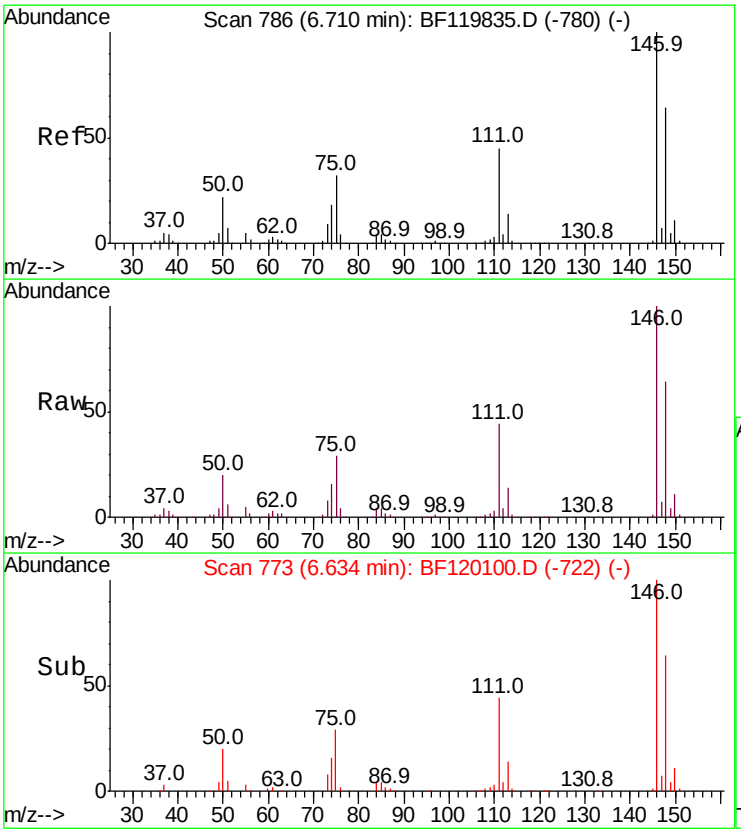
#11
bis(2-Chloroethyl)ether
Concen: 47.804 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 93 Resp: 365452

Ion	Ratio	Lower	Upper
93	100		
63	90.1	69.1	109.1
95	32.7	12.3	52.3

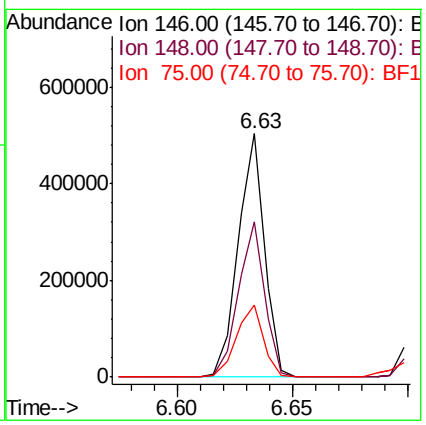


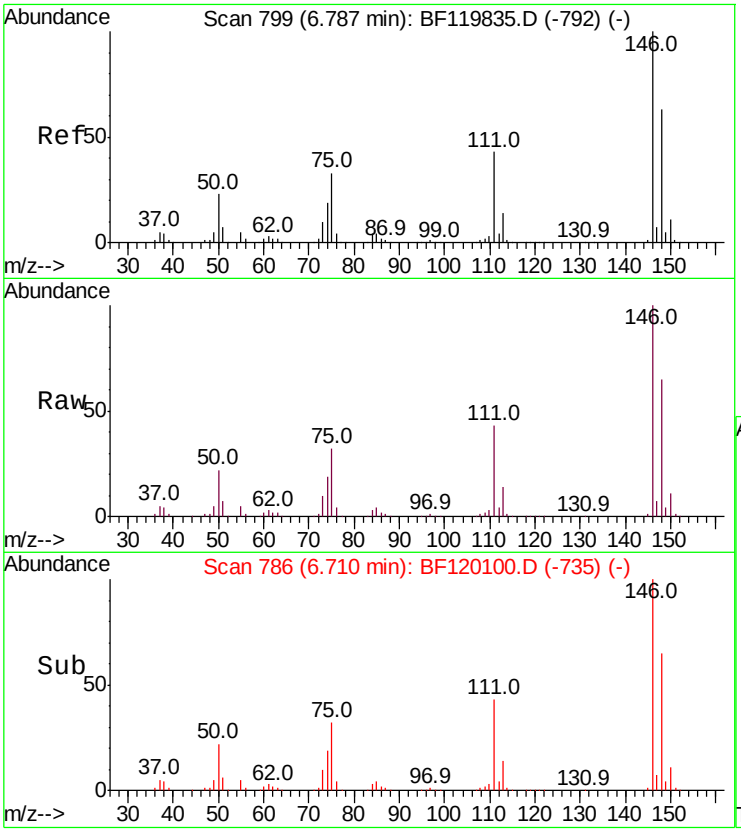


#12
1,3-Dichlorobenzene
Concen: 48.432 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:146 Resp: 401254

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
75	29.4	25.3	37.9



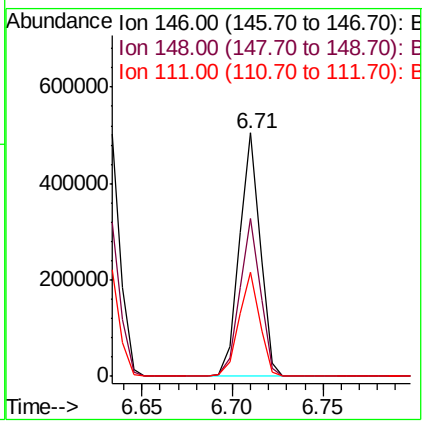


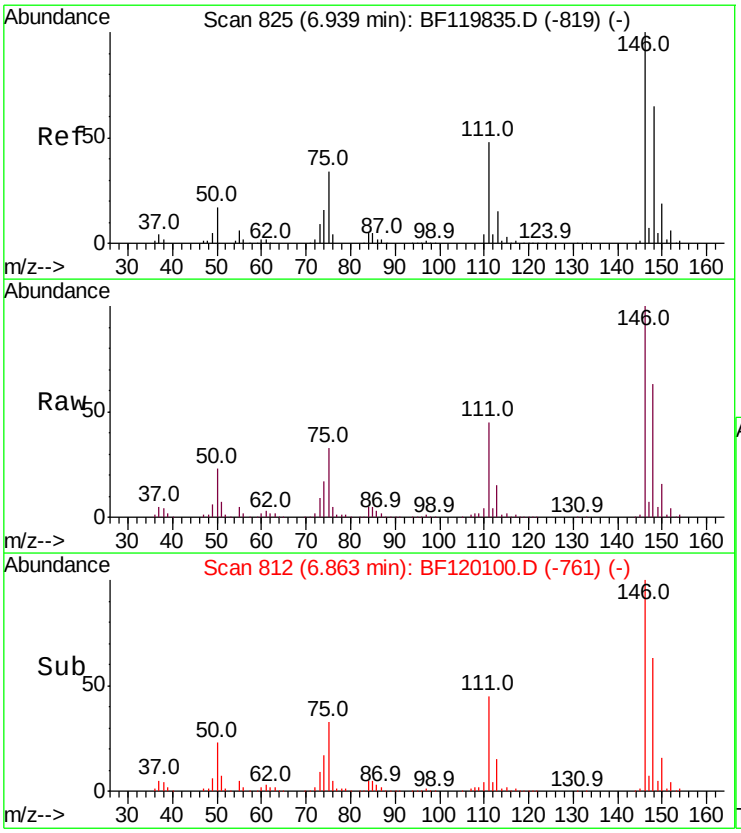
#13
1,4-Dichlorobenzene
Concen: 47.557 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:146 Resp: 401360

Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.5	75.7
111	42.5	34.7	52.1

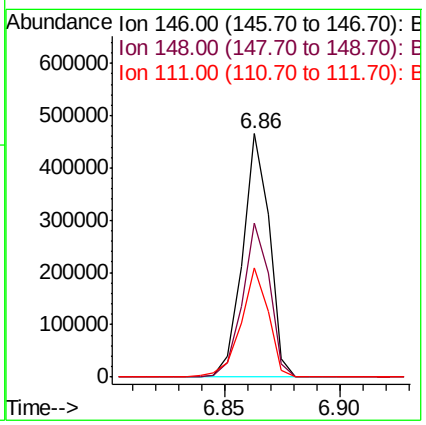


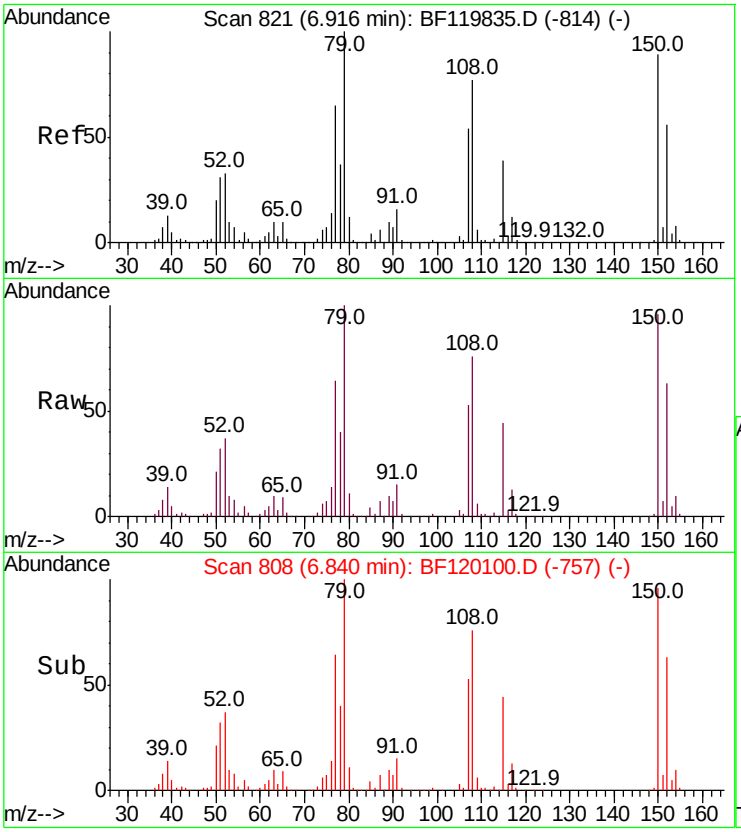


#14
1,2-Dichlorobenzene
Concen: 48.558 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:146 Resp: 377676

Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
111	45.0	38.0	57.0



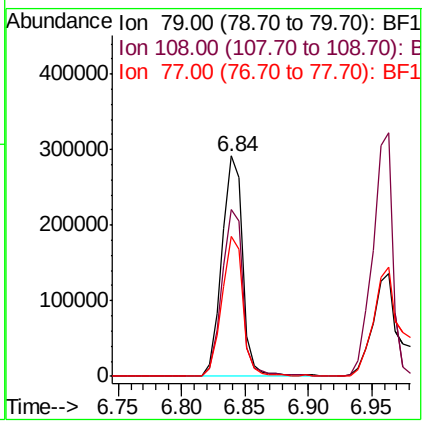


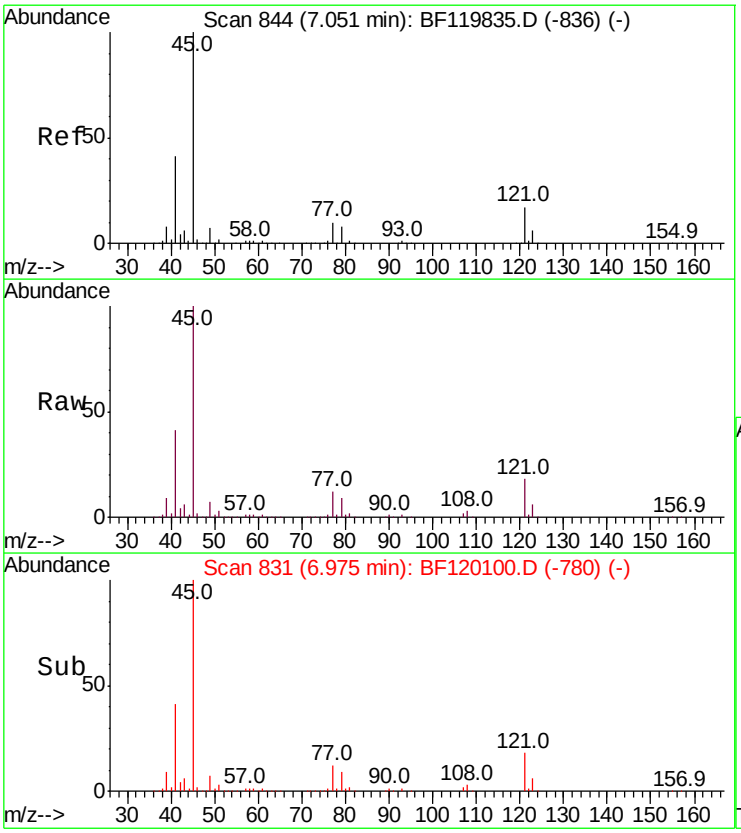
#15
Benzyl Alcohol
Concen: 49.240 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 79 Resp: 333771

Ion	Ratio	Lower	Upper
79	100		
108	76.1	62.0	93.0
77	63.7	51.8	77.6

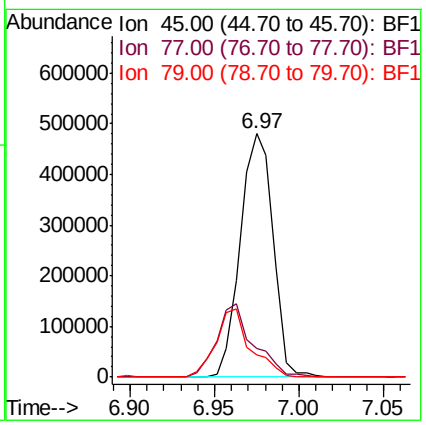


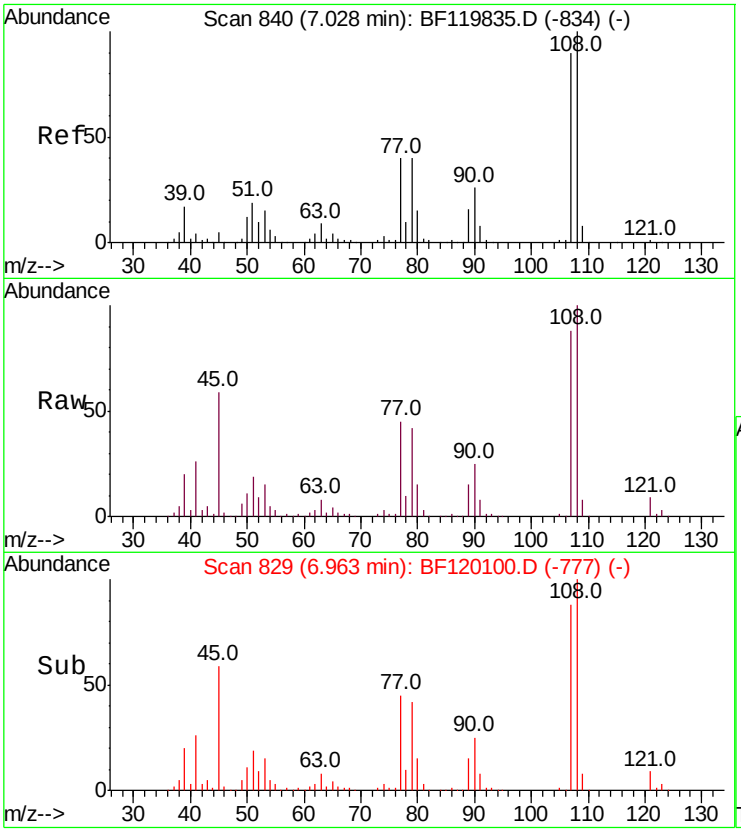


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.709 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 45 Resp: 650220

Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	30.7
79	9.1	0.0	28.6



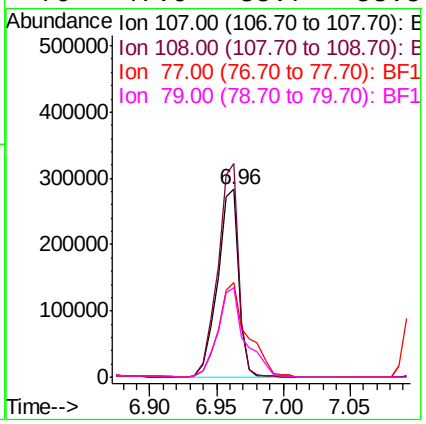


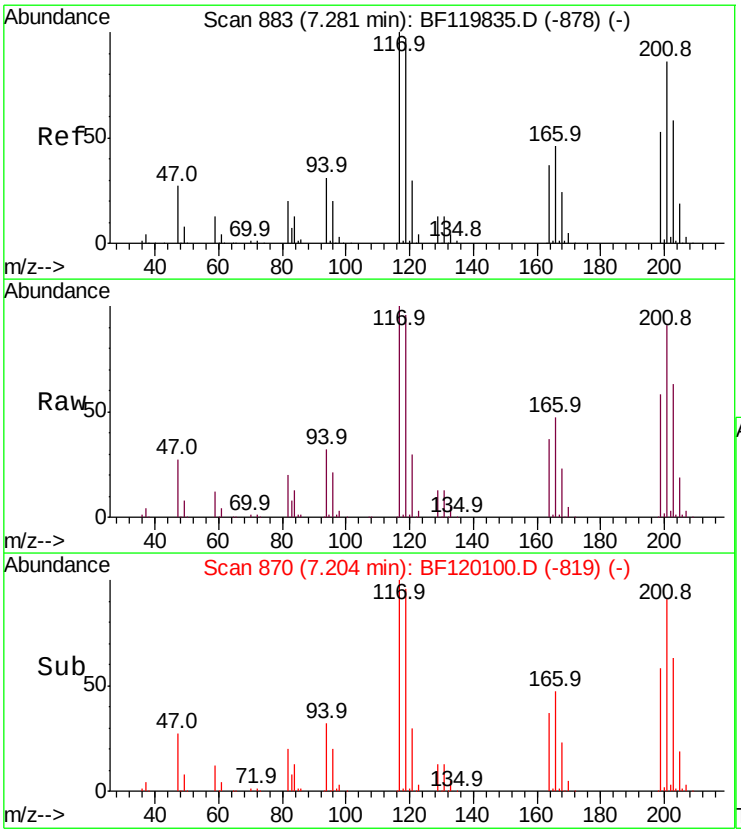
#17
2-Methylphenol
Concen: 47.220 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:107 Resp: 318895

Ion	Ratio	Lower	Upper
107	100		
108	113.7	88.8	133.2
77	50.7	36.0	54.0
79	47.9	35.7	53.5

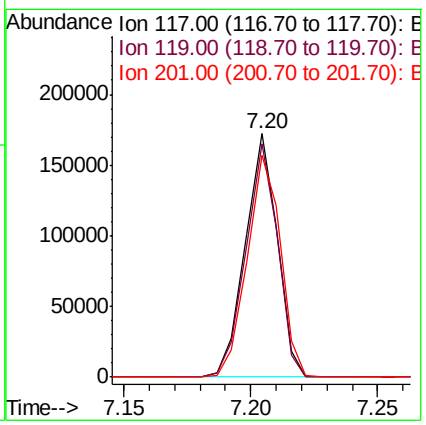


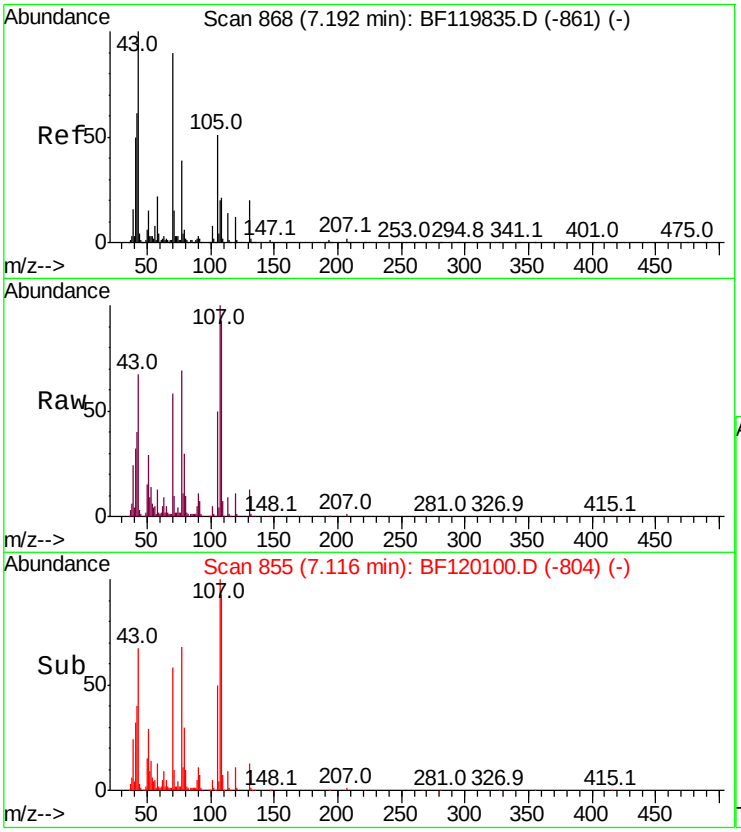


#18
Hexachloroethane
Concen: 47.994 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:117 Resp: 151377

Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	91.0	68.4	102.6



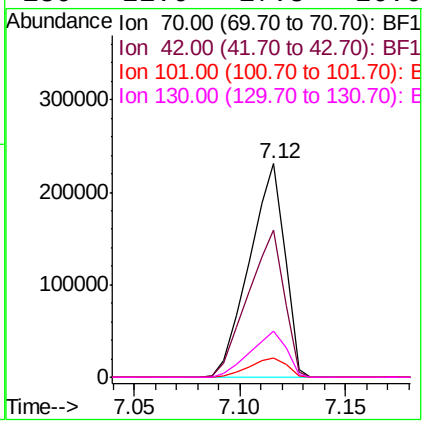


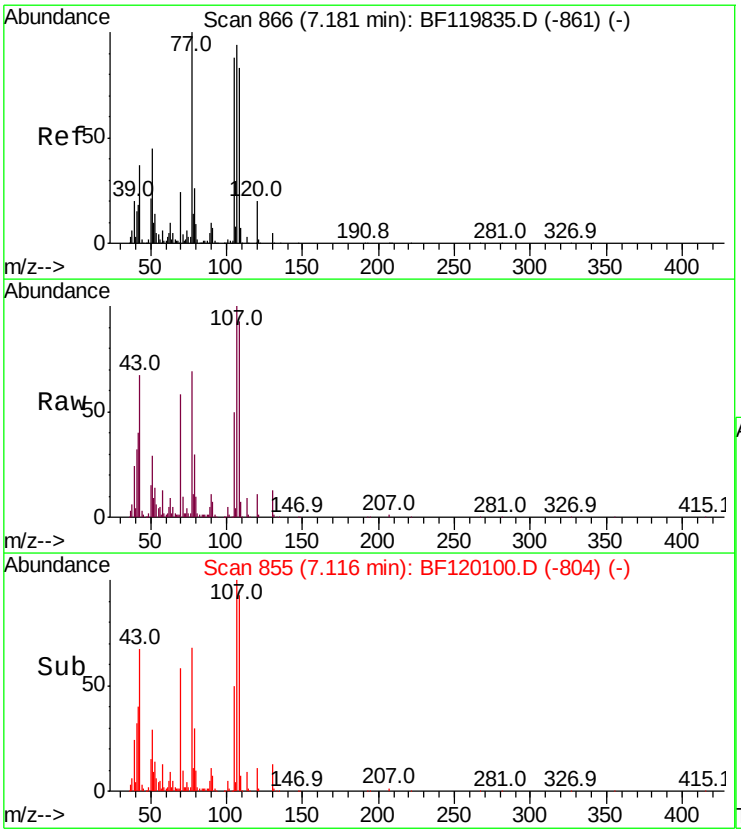
#19
n-Nitroso-di-n-propylamine
Concen: 48.009 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 70 Resp: 269428

Ion	Ratio	Lower	Upper
70	100		
42	68.7	54.2	81.4
101	9.0	7.4	11.2
130	21.6	17.8	26.6

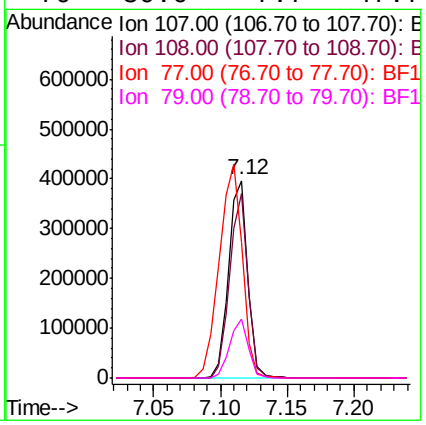


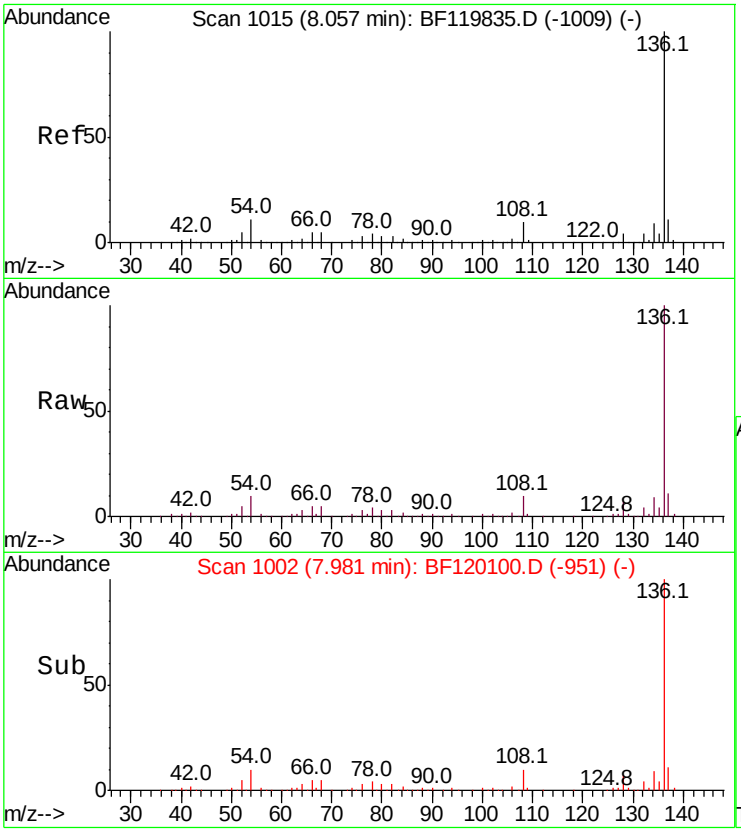


#20
3+4-Methylphenols
Concen: 48.682 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:107 Resp: 402100

Ion	Ratio	Lower	Upper
107	100		
108	93.2	68.2	108.2
77	68.6	86.6	126.6#
79	30.0	7.7	47.7



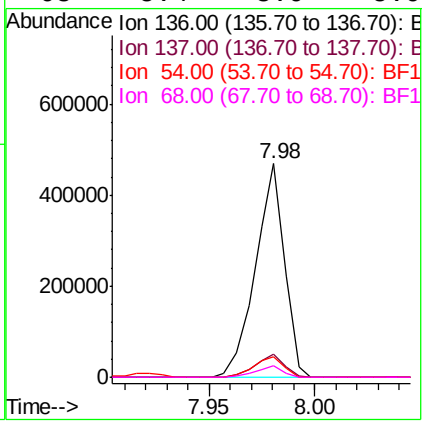


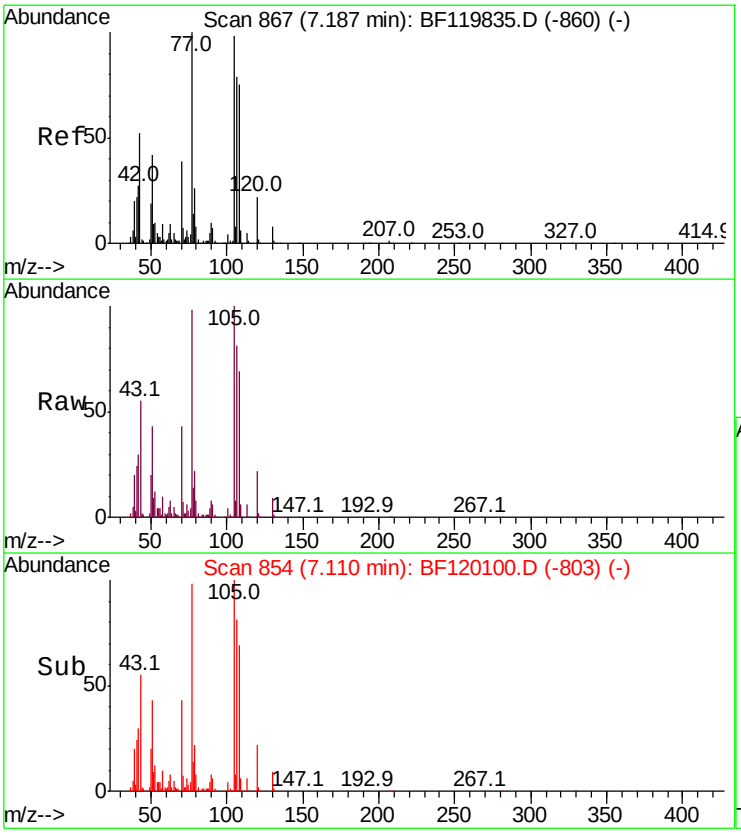
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:136 Resp: 446581

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.8	8.5	12.7
68	5.4	3.9	5.9

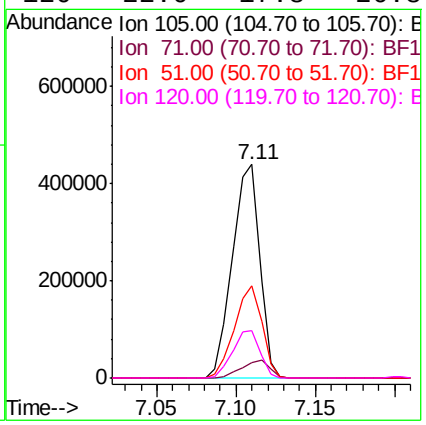


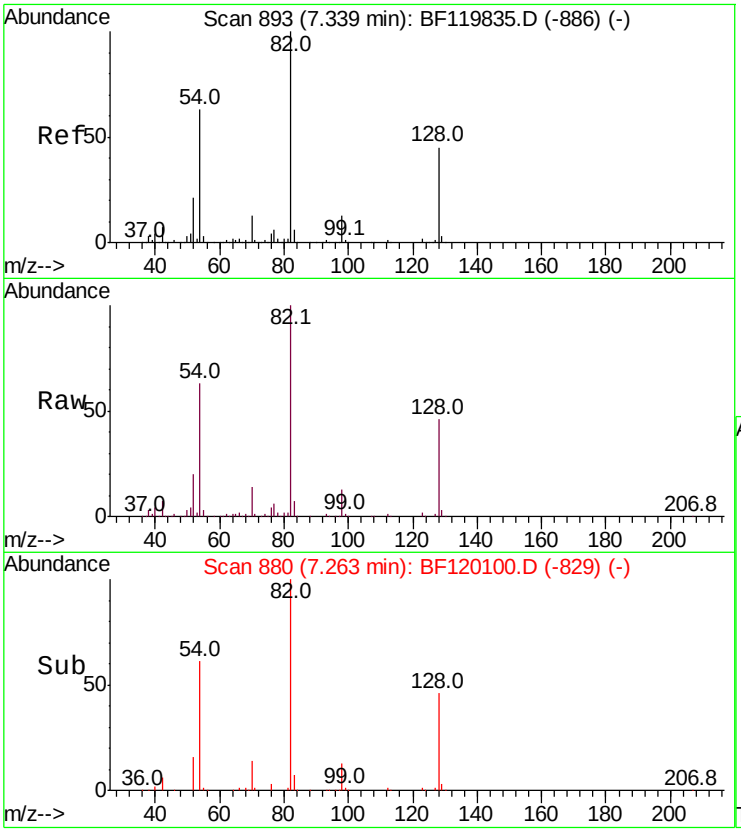


#22
Acetophenone
Concen: 50.241 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:105 Resp: 525398

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.6	8.4
51	42.9	33.9	50.9
120	22.0	17.8	26.8



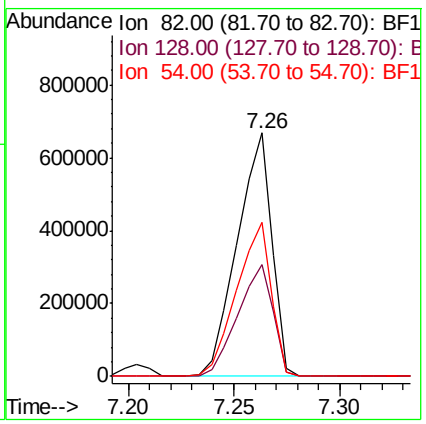


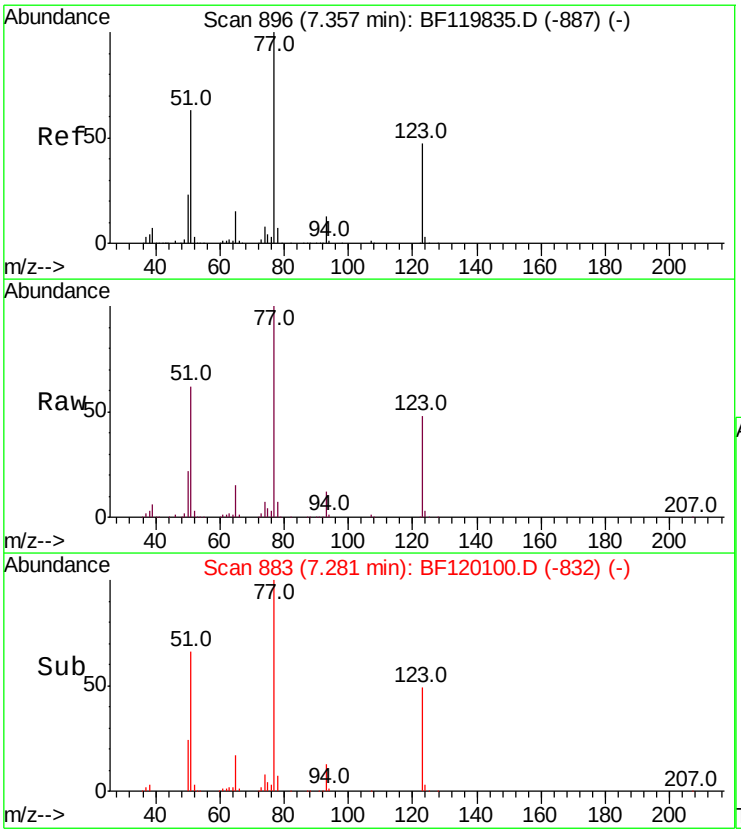
#23
Nitrobenzene-d5
Concen: 87.941 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 82 Resp: 759136

Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.2	54.4
54	63.2	50.4	75.6

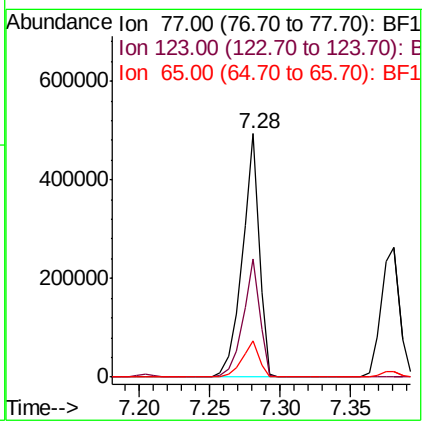


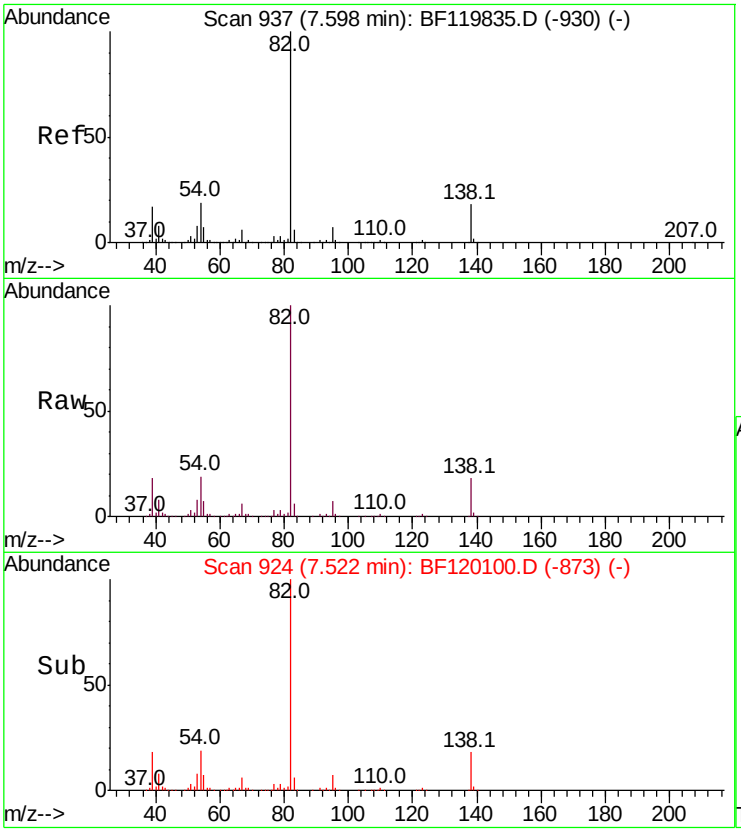


#24
Nitrobenzene
Concen: 47.287 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 77 Resp: 410628

Ion	Ratio	Lower	Upper
77	100		
123	48.5	37.8	56.8
65	15.0	12.2	18.2



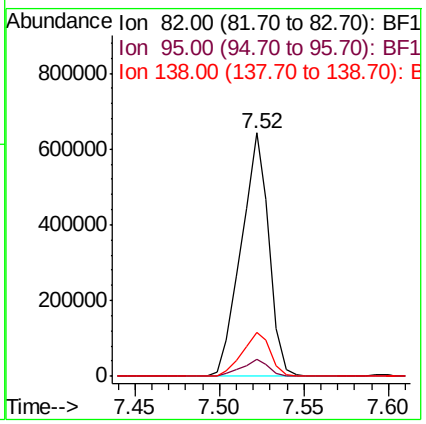


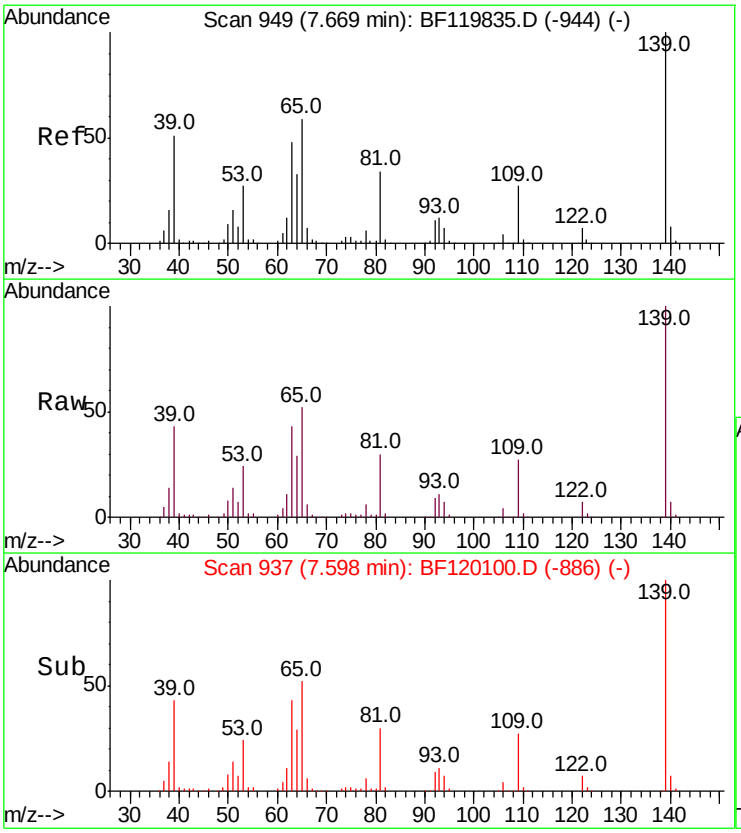
#25
Isophorone
Concen: 44.037 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 82 Resp: 732794

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.0	14.5	21.7

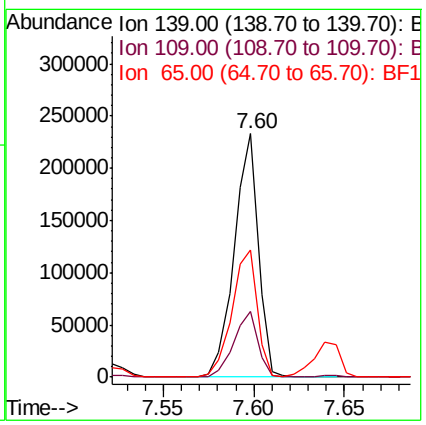


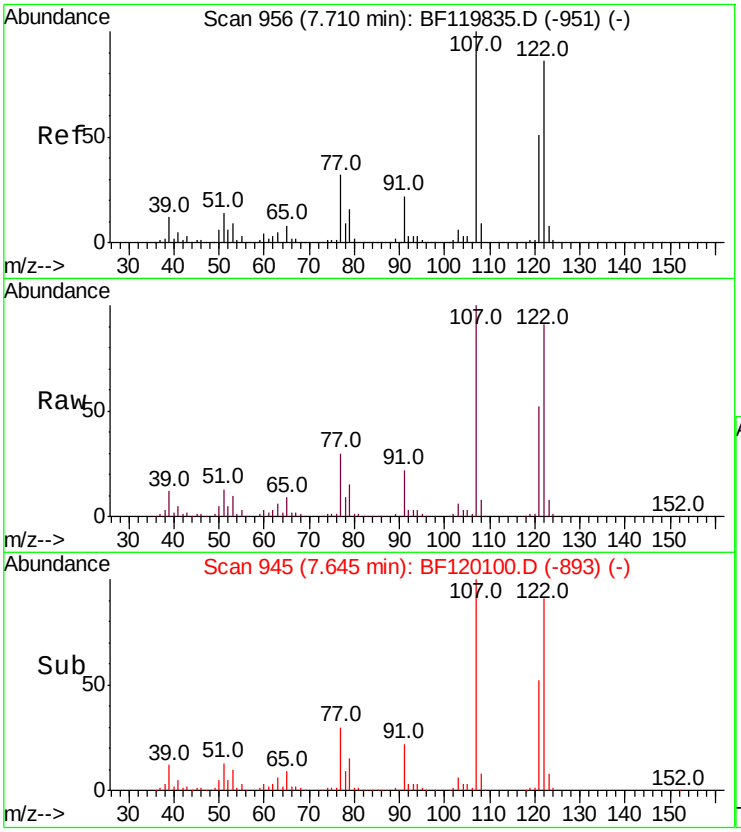


#26
2-Nitrophenol
Concen: 49.570 ng
RT: 7.60 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:139 Resp: 215055

Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.6
65	52.3	47.0	70.4



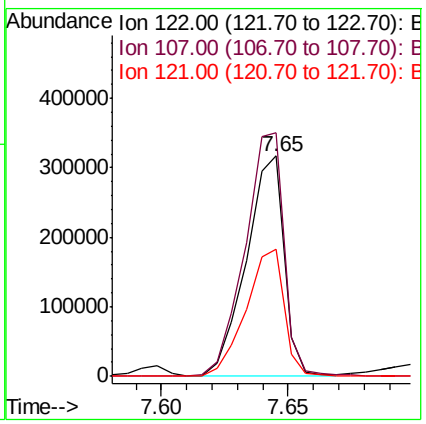


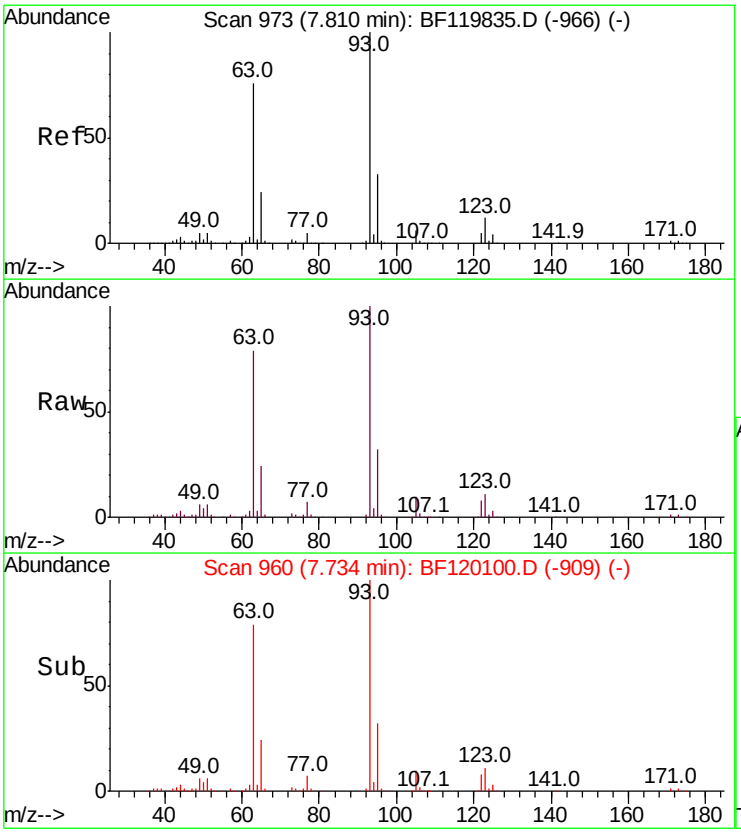
#27
2,4-Dimethylphenol
Concen: 50.899 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:122 Resp: 333042

Ion	Ratio	Lower	Upper
122	100		
107	110.5	92.3	138.5
121	57.8	46.6	70.0

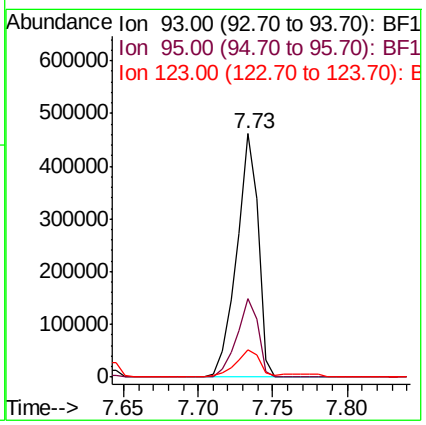


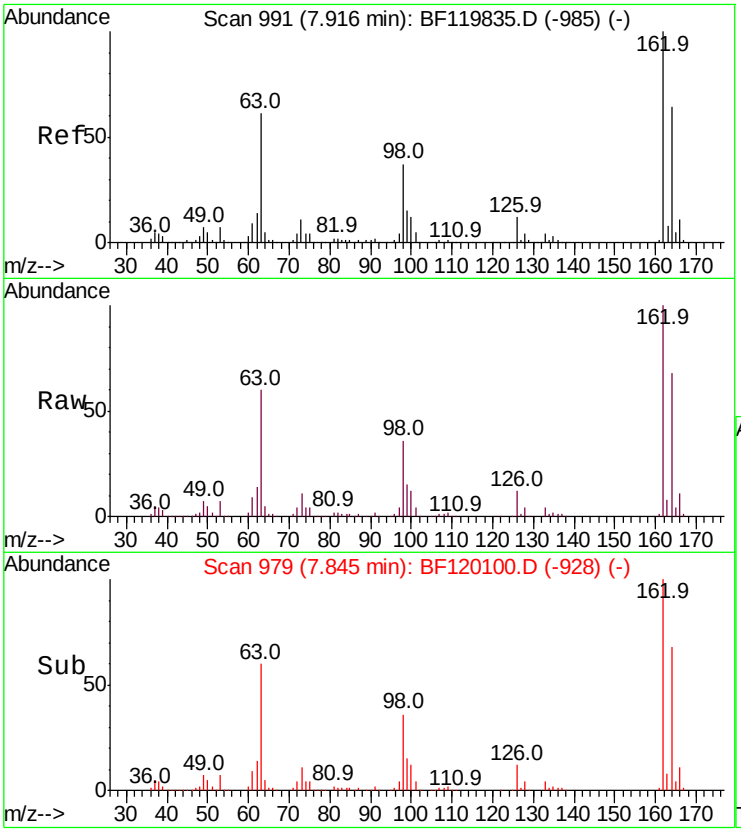


#28
bis(2-Chloroethoxy)methane
Concen: 47.289 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 93 Resp: 463051

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.4	39.6
123	11.2	9.7	14.5



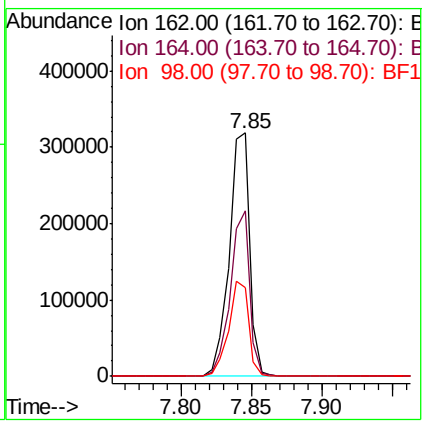


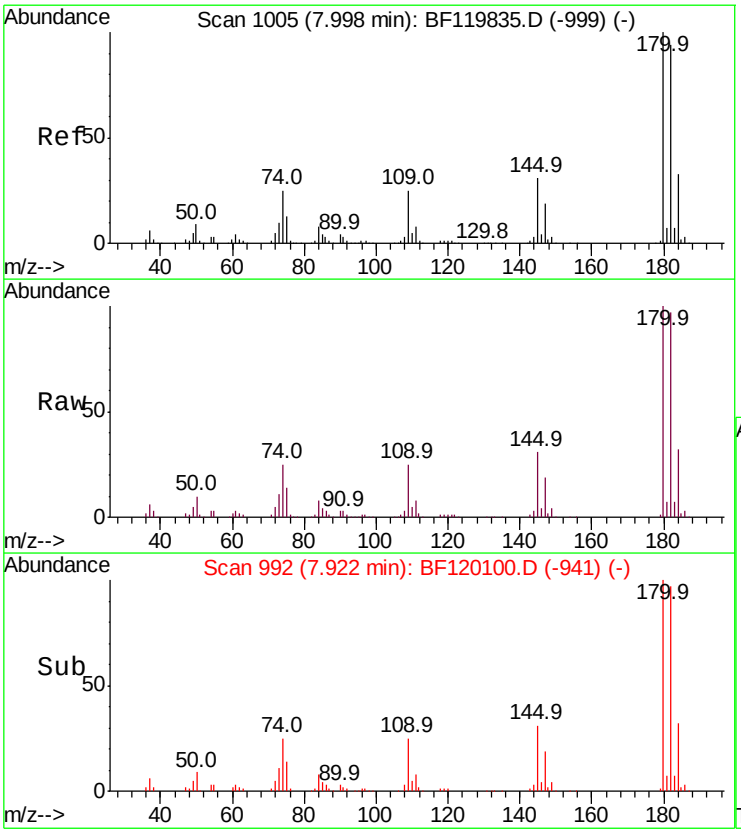
#29
2,4-Dichlorophenol
Concen: 47.875 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:162 Resp: 321095

Ion	Ratio	Lower	Upper
162	100		
164	68.1	44.4	84.4
98	36.3	17.3	57.3

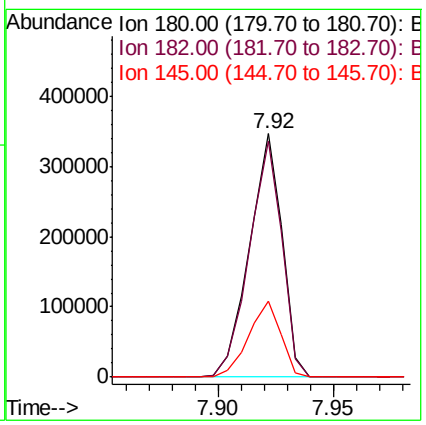


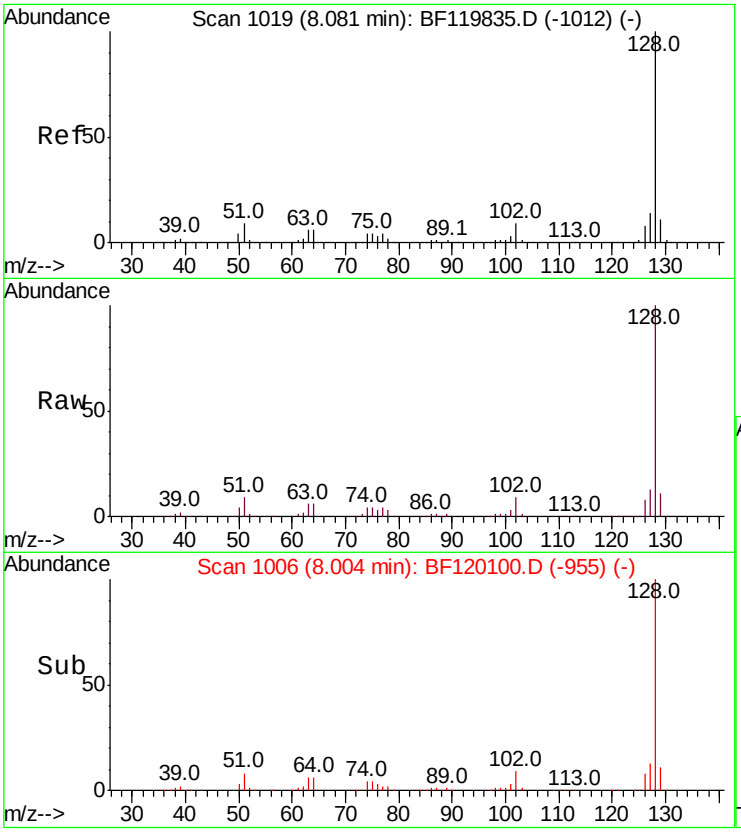


#30
1,2,4-Trichlorobenzene
Concen: 45.126 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:180 Resp: 342932

Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.4	113.0
145	31.2	24.6	37.0



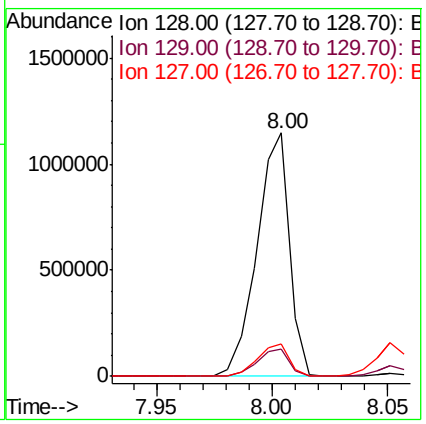


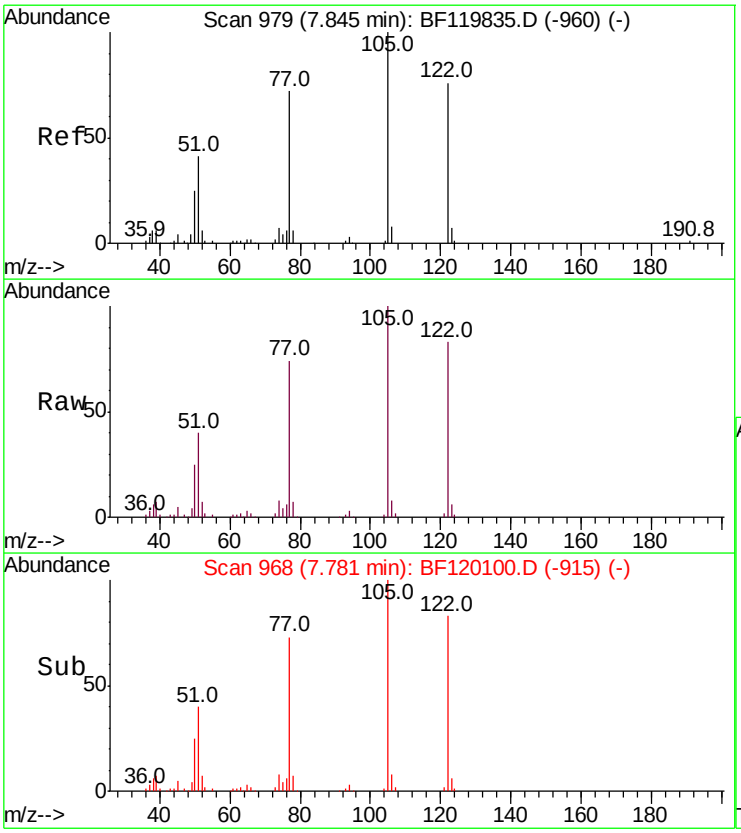
#31
Naphthalene
Concen: 47.931 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:128 Resp: 1126180

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.1	11.0	16.4

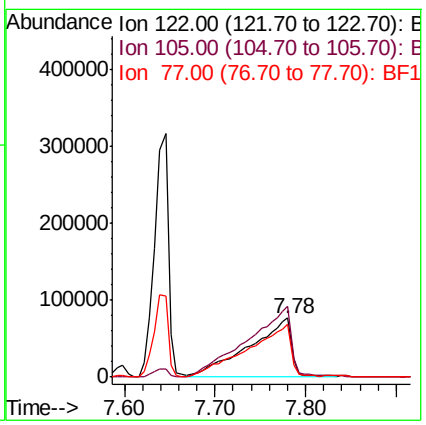


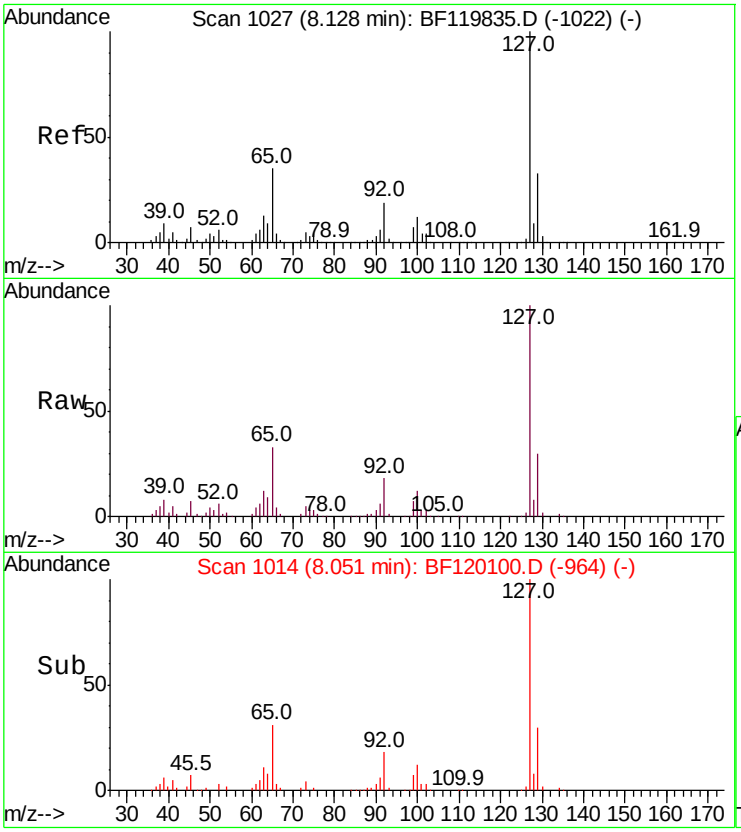


#32
Benzoic acid
Concen: 42.596 ng
RT: 7.78 min Scan# 968
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:122 Resp: 244781

Ion	Ratio	Lower	Upper
122	100		
105	121.1	106.7	146.7
77	89.0	72.1	112.1



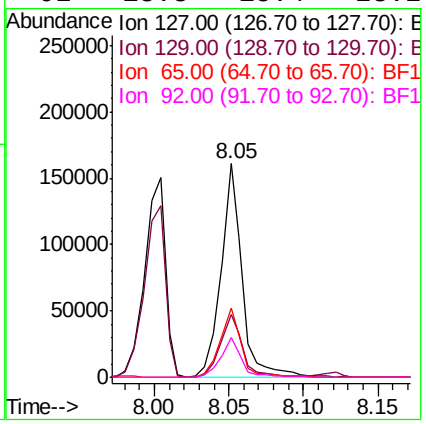


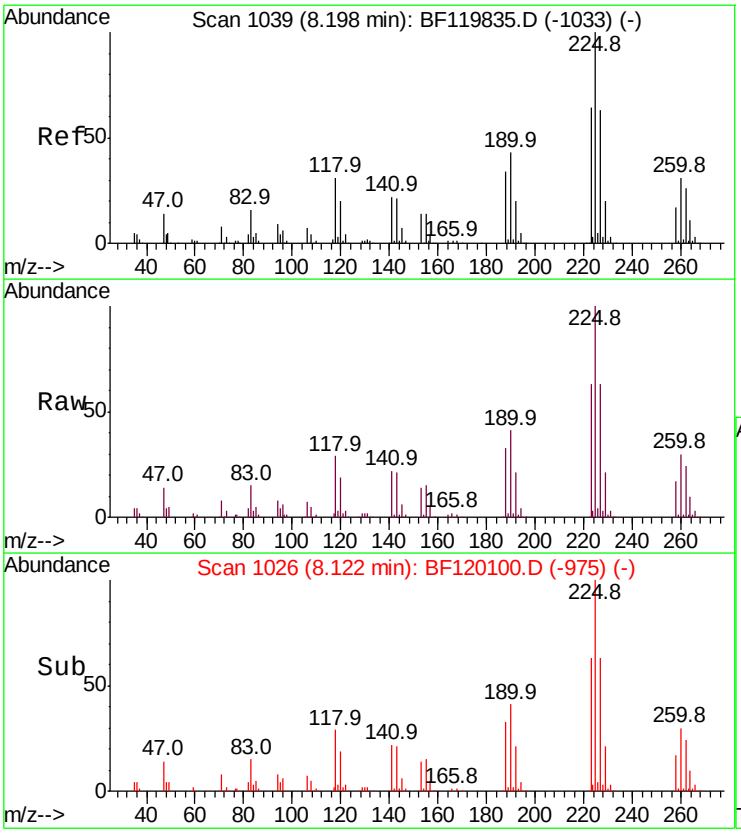
#33
4-Chloroaniline
Concen: 15.649 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:127 Resp: 160074

Ion	Ratio	Lower	Upper
127	100		
129	29.6	26.2	39.2
65	32.6	28.3	42.5
92	18.3	15.4	23.2

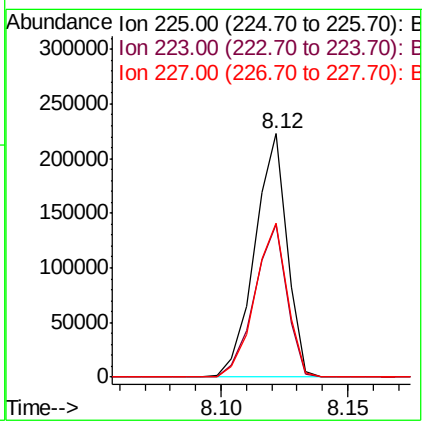


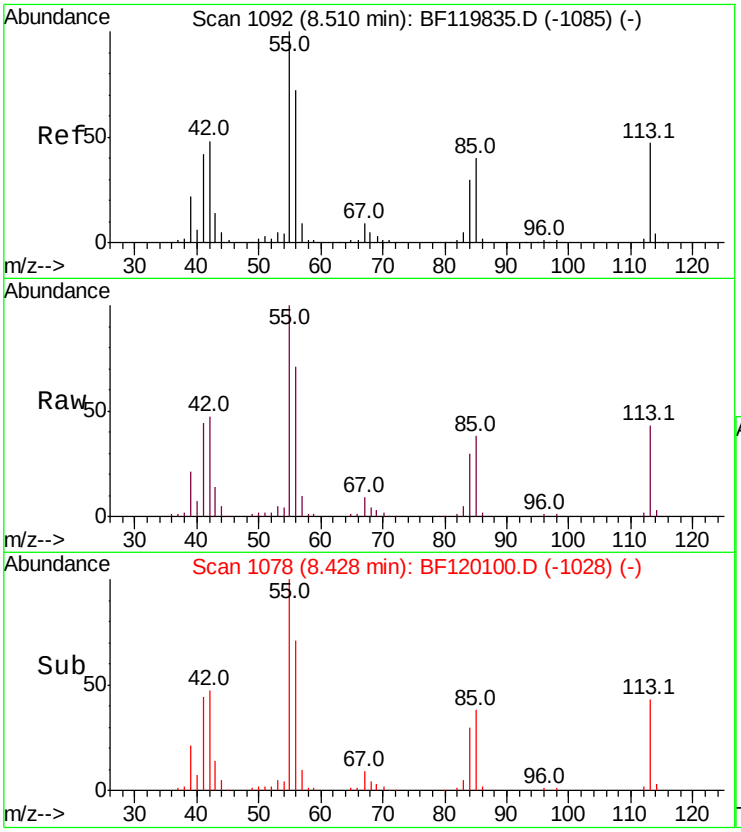


#34
Hexachlorobutadiene
Concen: 43.715 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:225 Resp: 198866

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.0	76.6
227	63.3	50.4	75.6



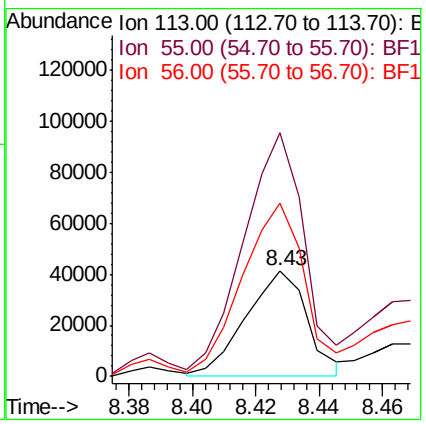


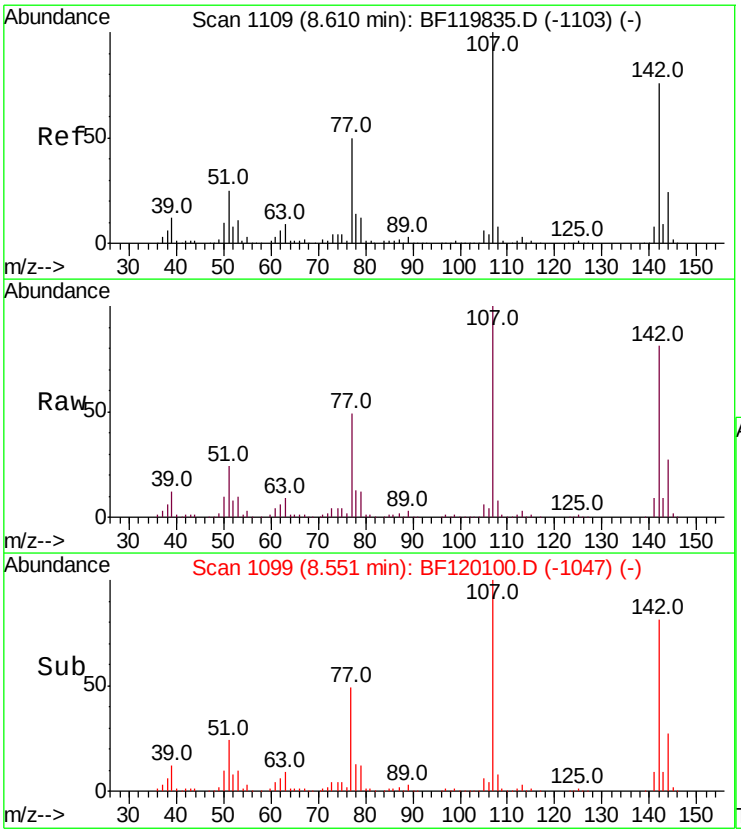
#35
Caprolactam
Concen: 27.157 ng
RT: 8.43 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:113 Resp: 55716

Ion	Ratio	Lower	Upper
113	100		
55	230.1	192.7	232.7
56	163.5	133.3	173.3

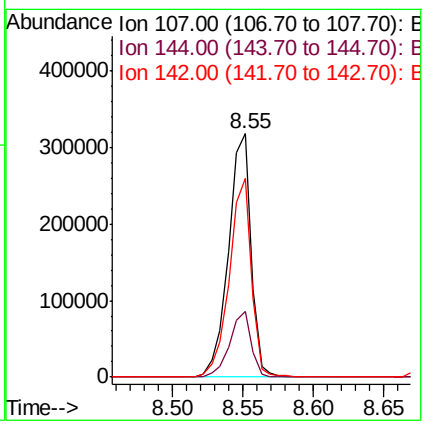


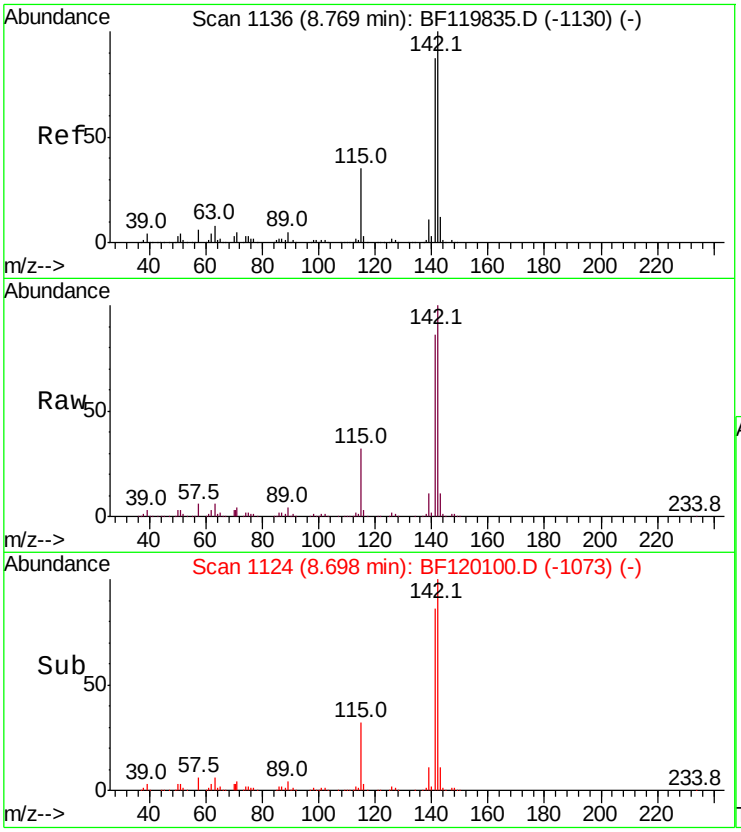


#36
4-Chloro-3-methylphenol
Concen: 48.725 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:107 Resp: 353806

Ion	Ratio	Lower	Upper
107	100		
144	26.8	19.5	29.3
142	81.5	60.5	90.7



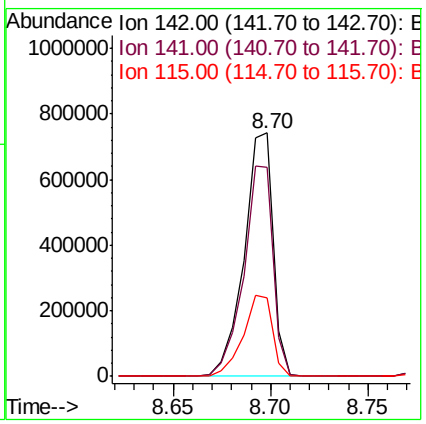


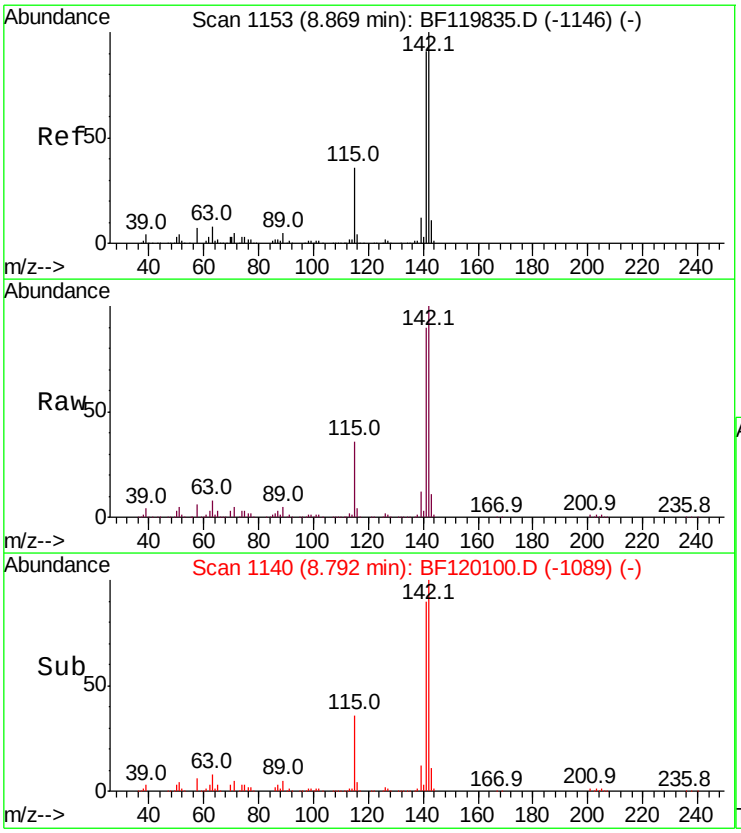
#37
2-Methylnaphthalene
Concen: 48.004 ng
RT: 8.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:142 Resp: 764677

Ion	Ratio	Lower	Upper
142	100		
141	86.0	69.9	104.9
115	32.4	28.0	42.0

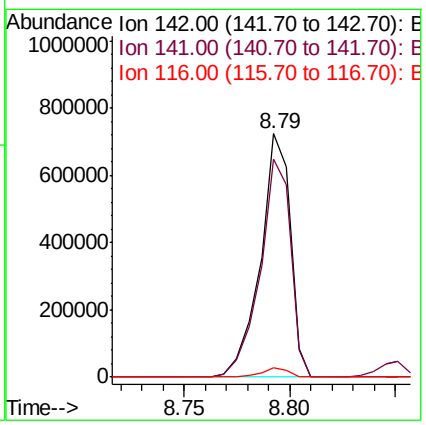


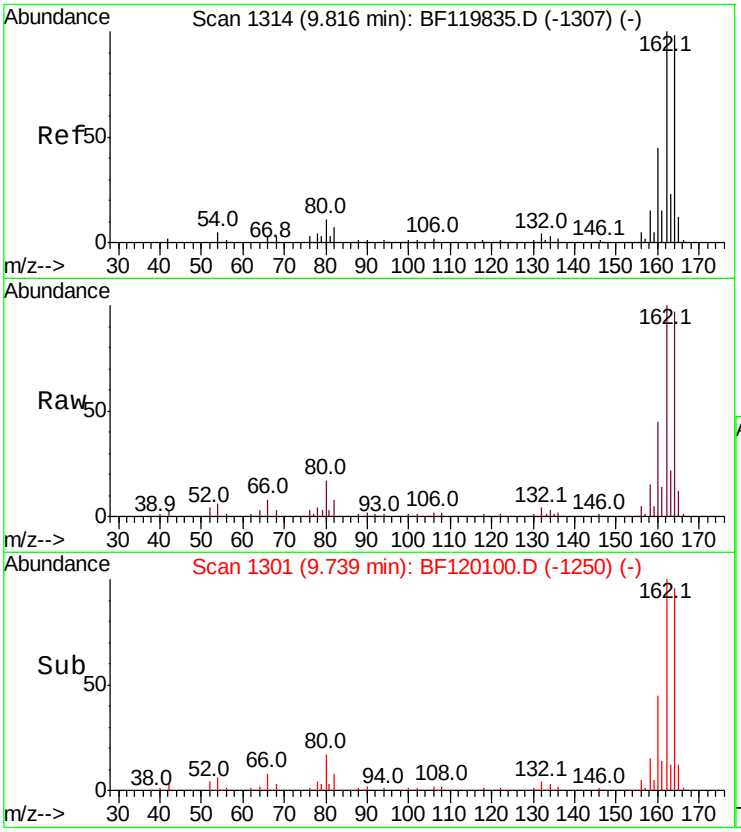


#38
1-Methylnaphthalene
Concen: 47.678 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:142 Resp: 715845

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.9	109.3
116	3.9	3.0	4.6



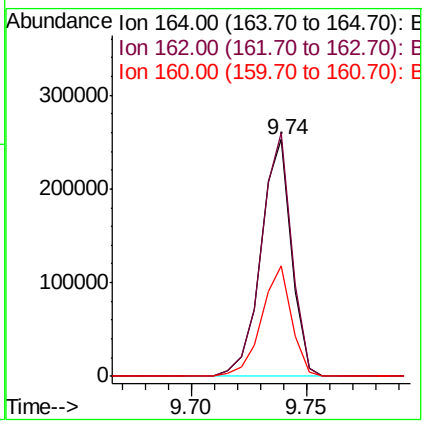


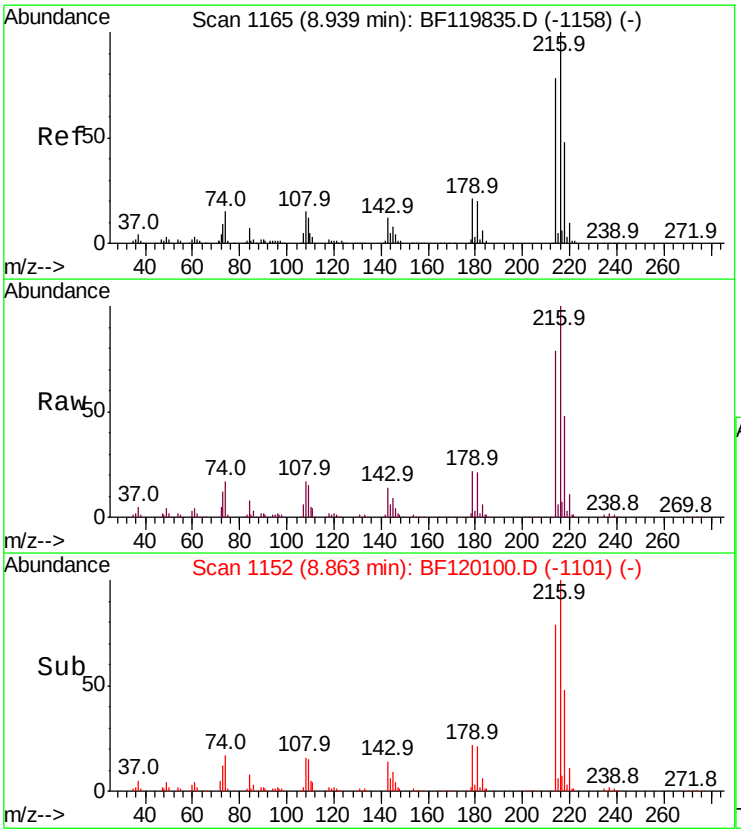
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:164 Resp: 232920

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.9	122.9
160	46.5	36.6	54.8

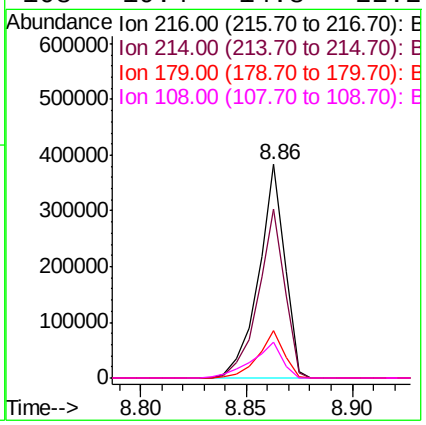


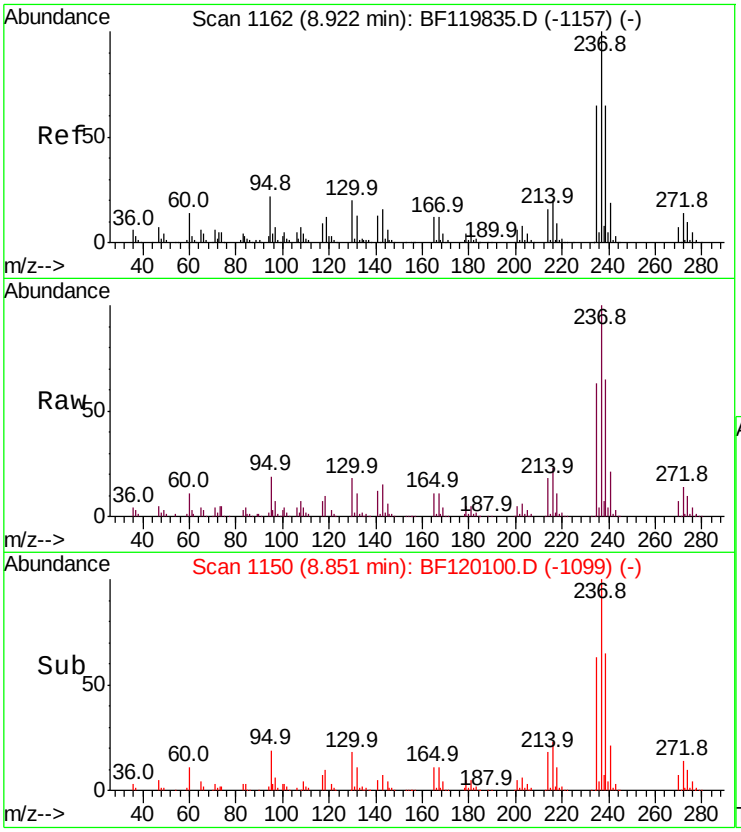


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.007 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:216 Resp: 331096

Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.1	94.7
179	21.6	17.0	25.4
108	19.4	14.8	22.2



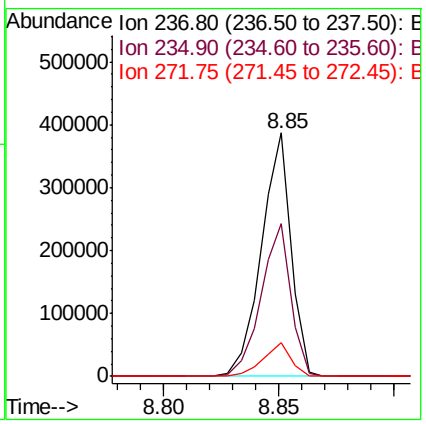


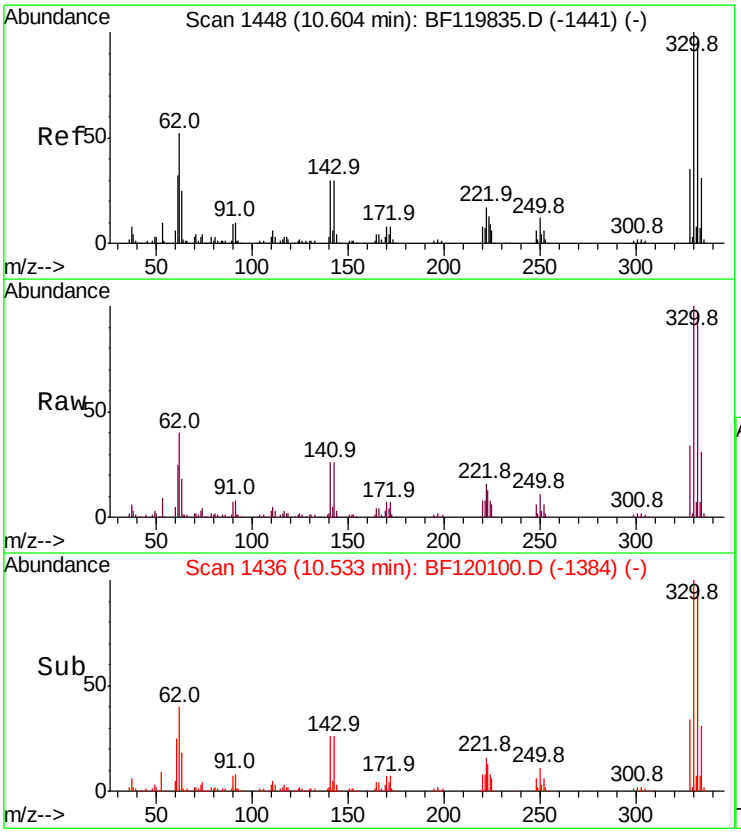
#41
Hexachlorocyclopentadiene
Concen: 82.550 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:237 Resp: 345326

Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.9	84.9
272	13.9	0.0	33.6

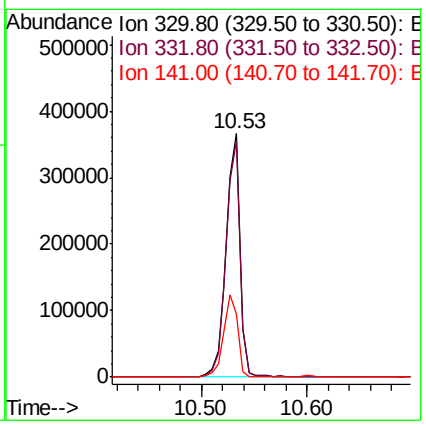


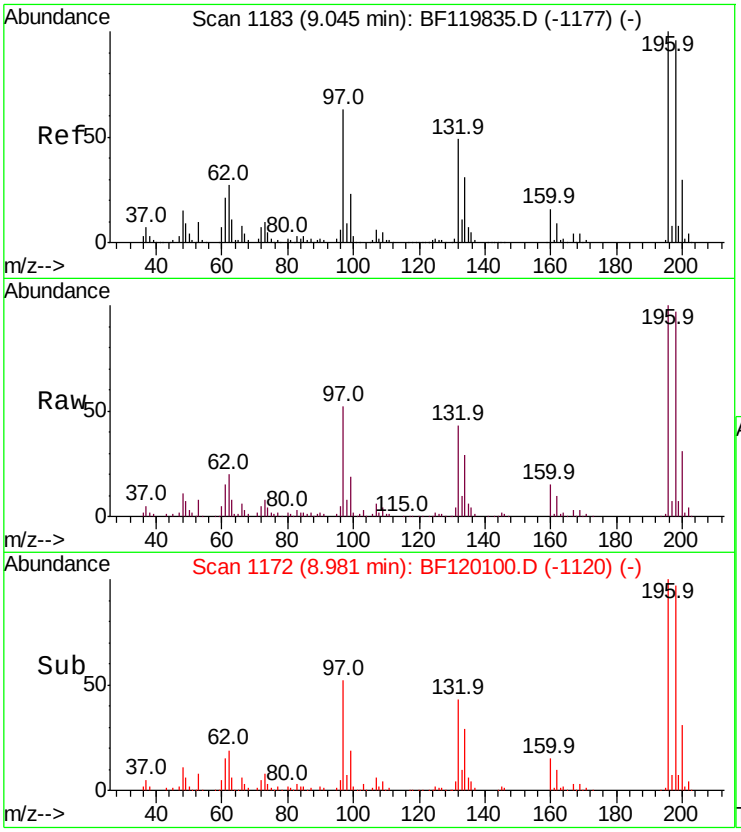


#42
2,4,6-Tribromophenol
Concen: 117.556 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:330 Resp: 335239

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.8	115.2
141	34.4	25.1	37.7



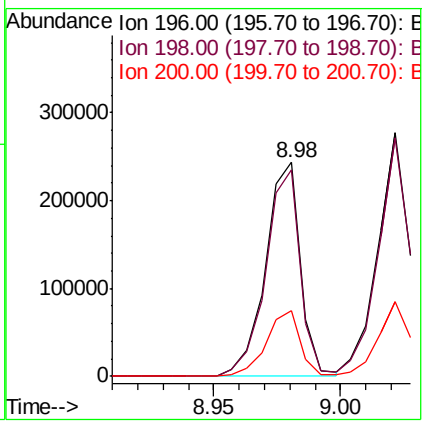


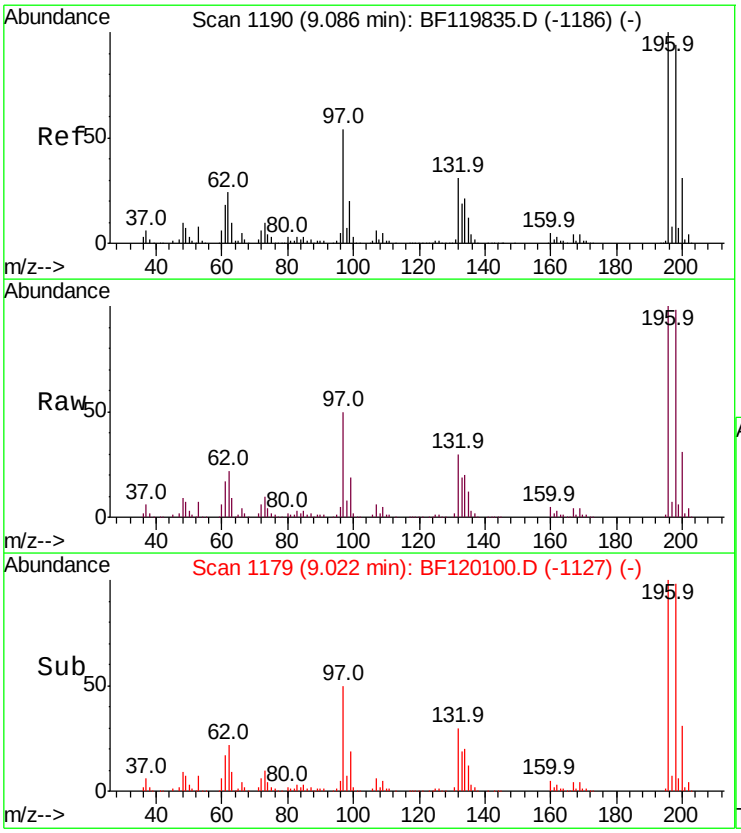
#43
2,4,6-Trichlorophenol
Concen: 46.484 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:196 Resp: 236141

Ion	Ratio	Lower	Upper
196	100		
198	96.6	76.6	115.0
200	31.0	24.2	36.2

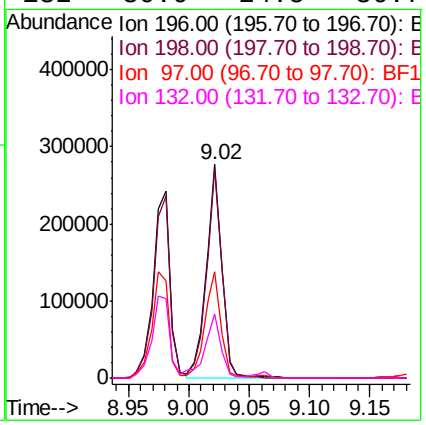


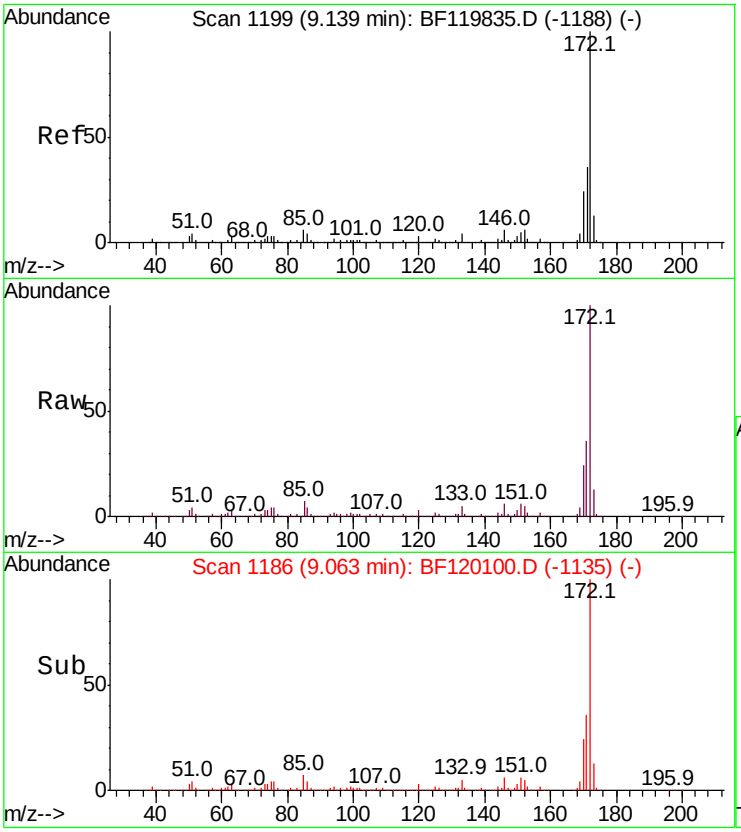


#44
2,4,5-Trichlorophenol
Concen: 42.743 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:196 Resp: 244564

Ion	Ratio	Lower	Upper
196	100		
198	97.8	75.1	112.7
97	49.5	43.4	65.2
132	30.0	24.5	36.7



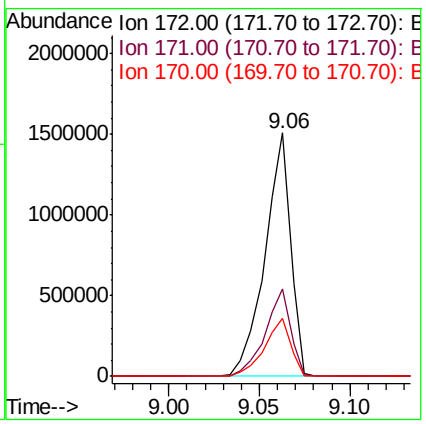


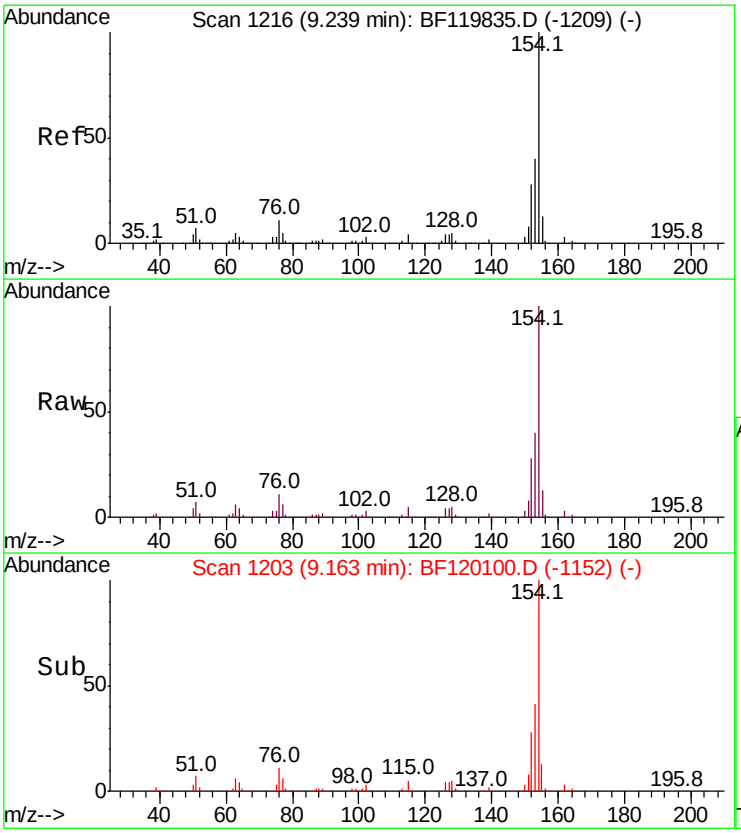
#45
2-Fluorobiphenyl
Concen: 90.406 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:172 Resp: 1483133

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.8	19.4	29.2

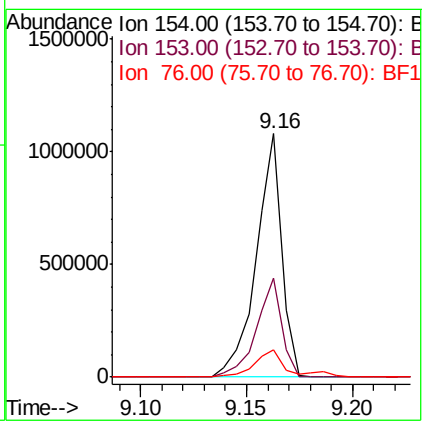


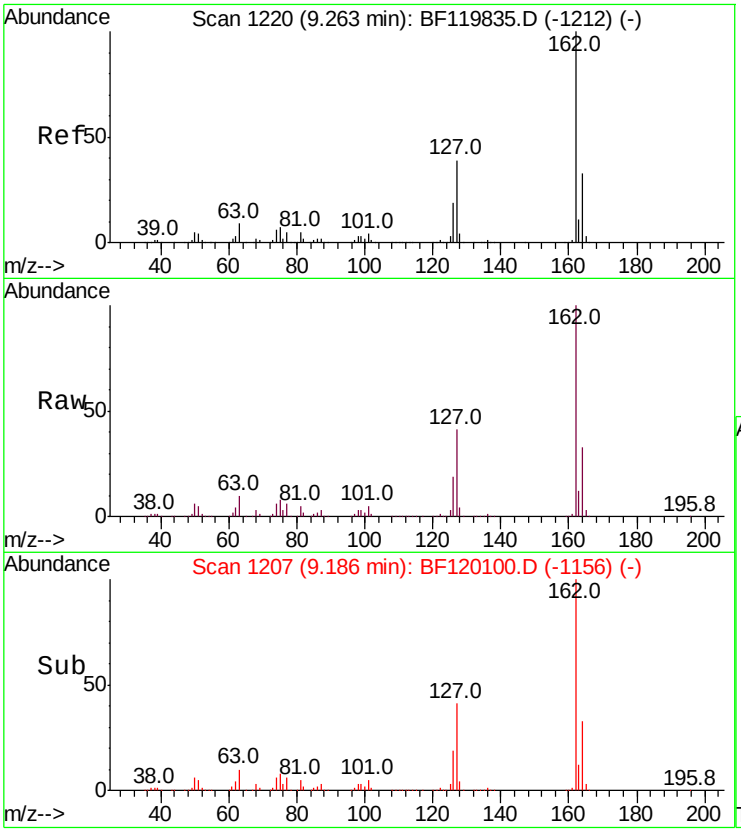


#46
1,1'-Biphenyl
Concen: 46.210 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:154 Resp: 908482

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	11.5	0.0	30.6



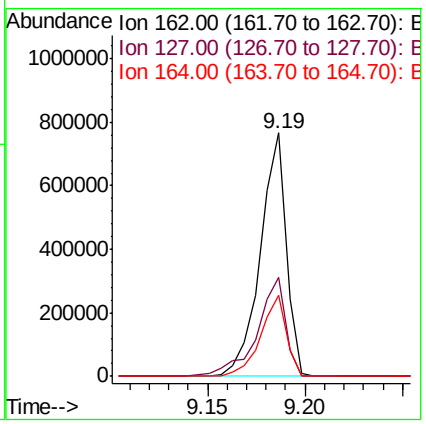


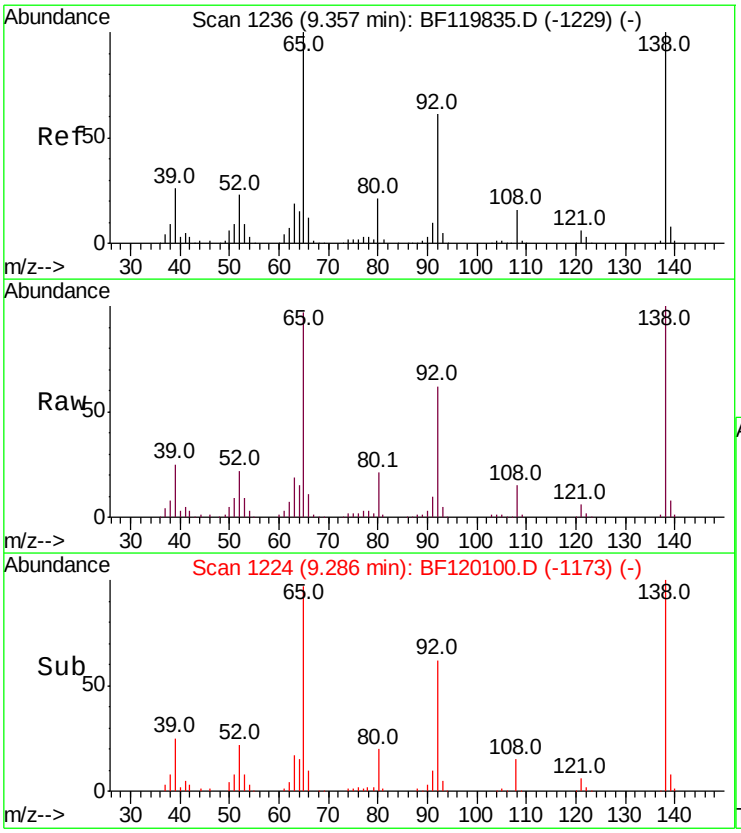
#47
2-Chloronaphthalene
Concen: 46.785 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:162 Resp: 708548

Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.2	46.8
164	33.1	26.3	39.5

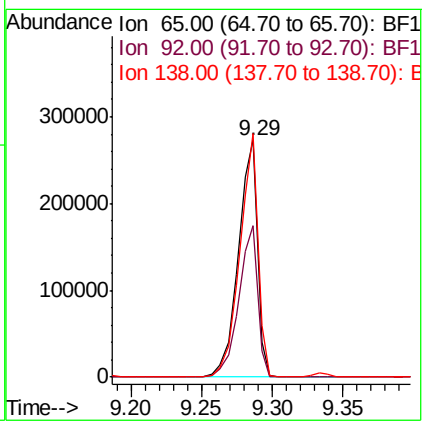


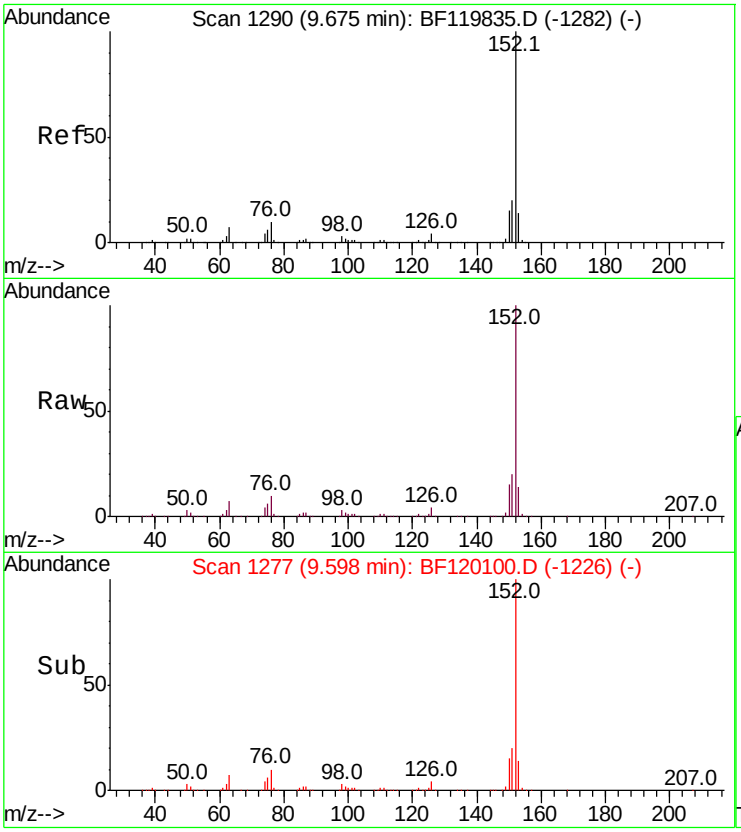


#48
2-Nitroaniline
Concen: 46.666 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion: 65 Resp: 256115

Ion	Ratio	Lower	Upper
65	100		
92	63.7	49.0	73.6
138	102.8	79.7	119.5



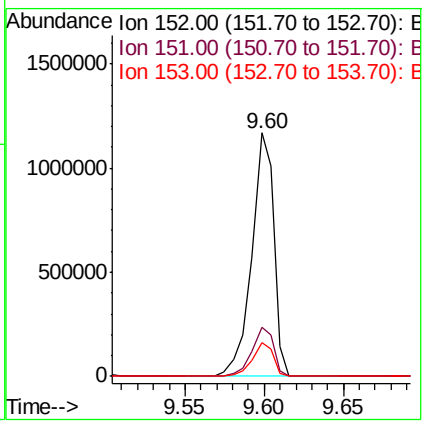


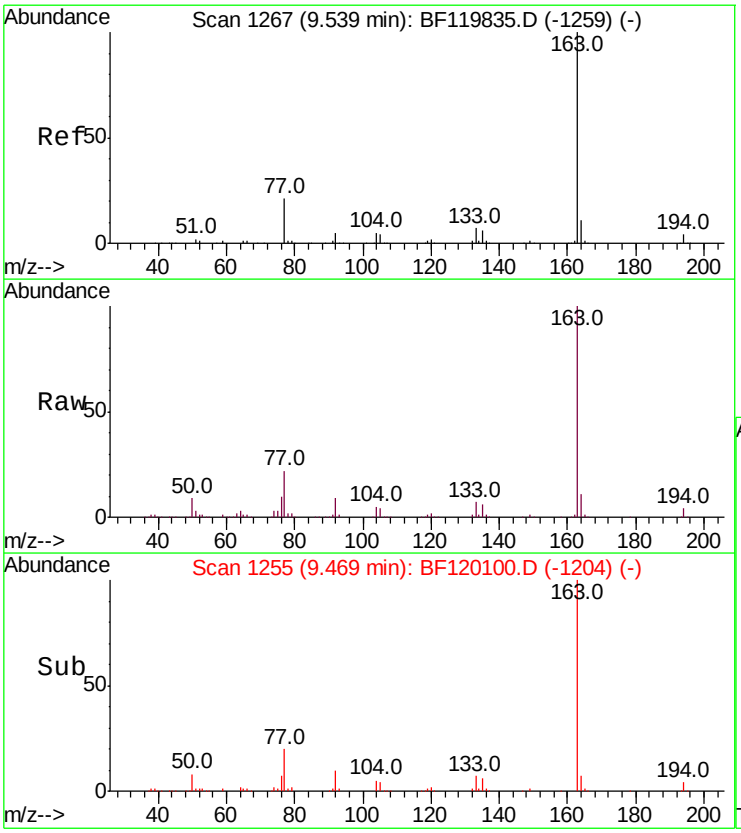
#49
Acenaphthylene
Concen: 49.064 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:152 Resp: 1130071

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.6	10.9	16.3

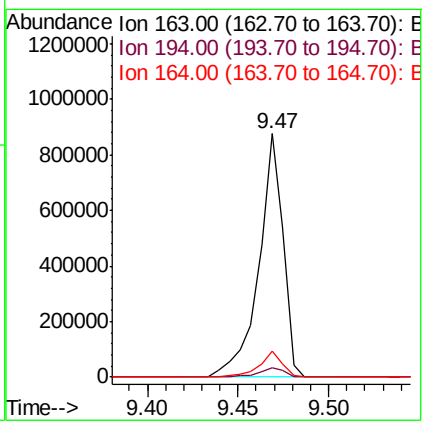


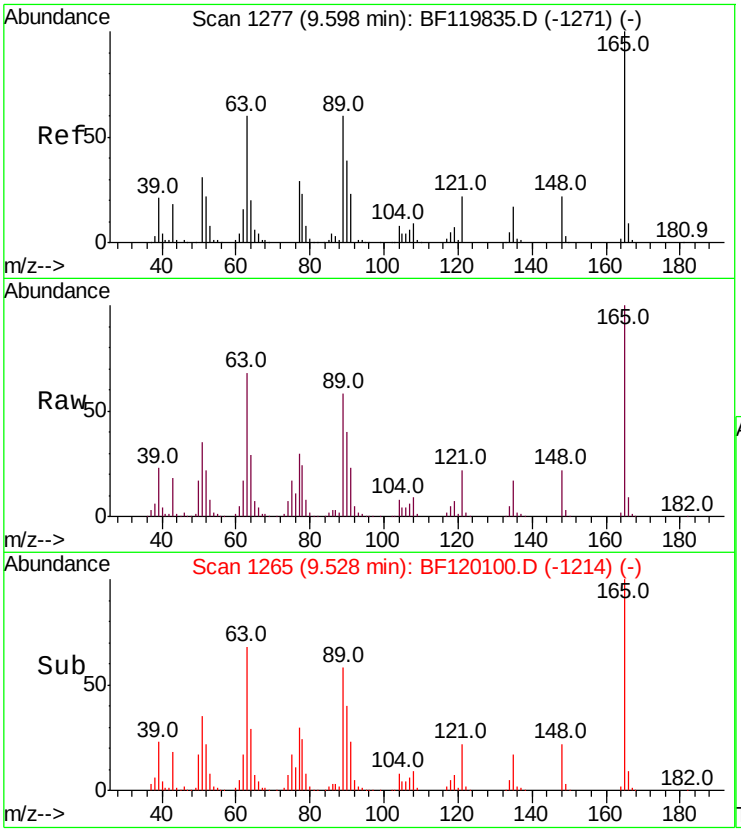


#50
Dimethylphthalate
Concen: 45.255 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:163 Resp: 815312

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.5	8.4	12.6

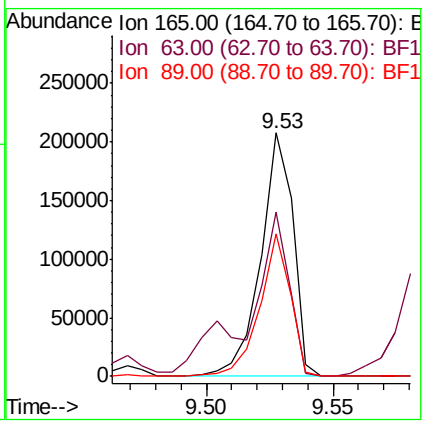




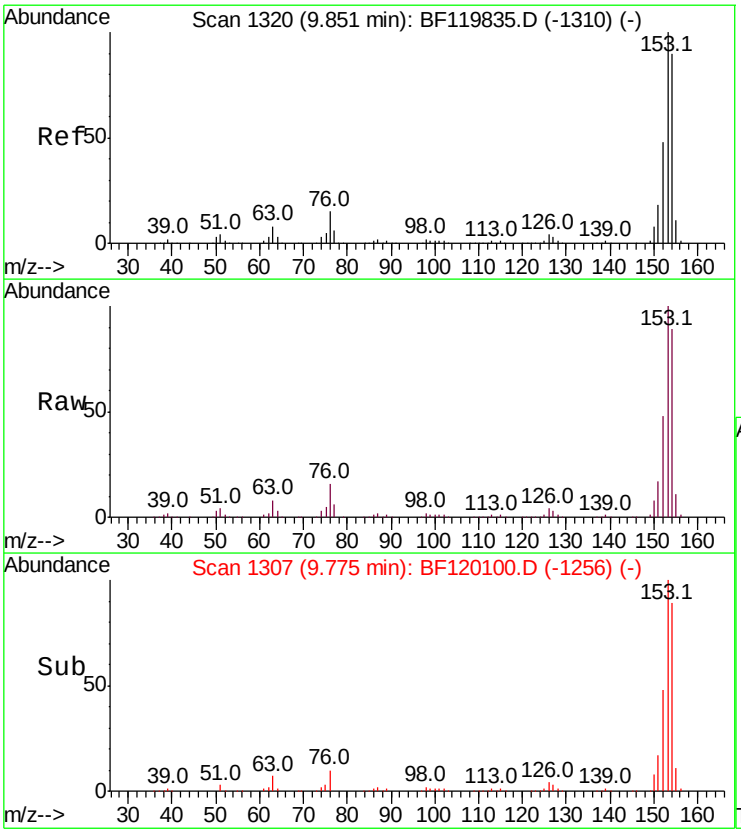
#51
2,6-Dinitrotoluene
Concen: 47.030 ng
RT: 9.53 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:165 Resp: 185543

Ion	Ratio	Lower	Upper
165	100		
63	67.7	55.6	83.4
89	58.4	47.9	71.9



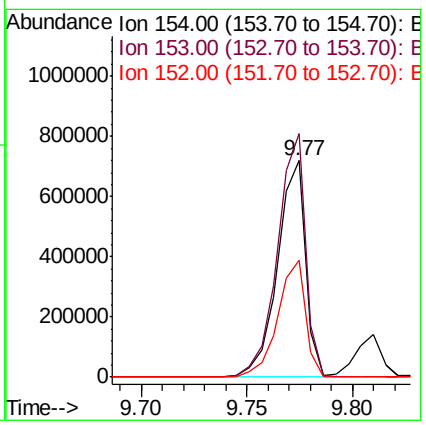
Instrument :
BNA_F
ClientSampleId :
PB128341BS

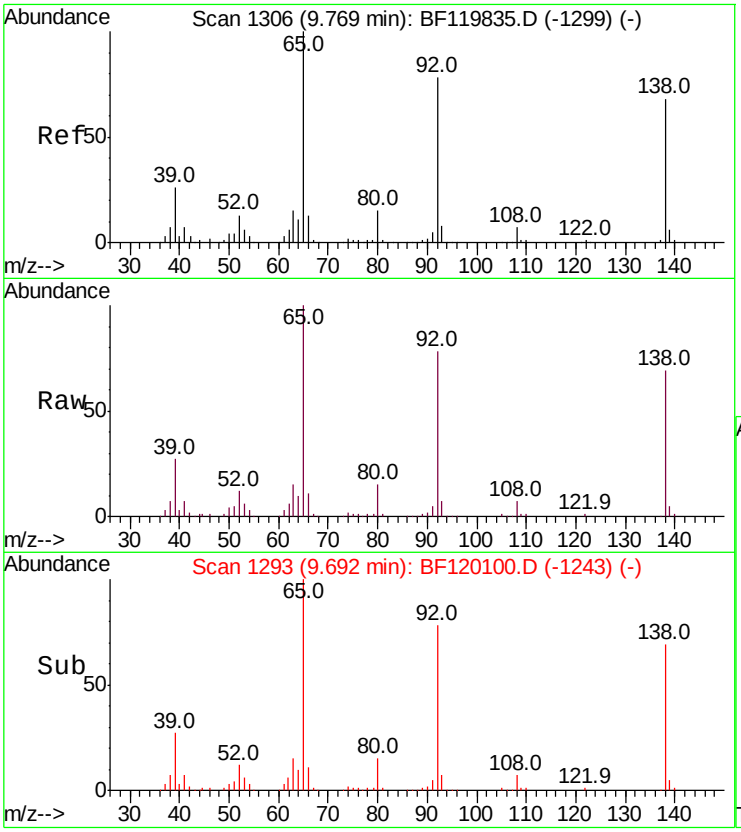


#52
Acenaphthene
Concen: 43.761 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:154 Resp: 672356

Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.8	133.2
152	53.9	42.4	63.6



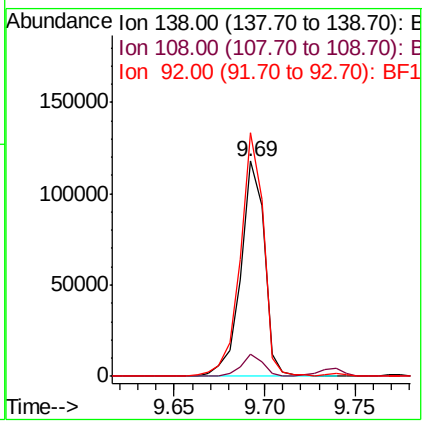


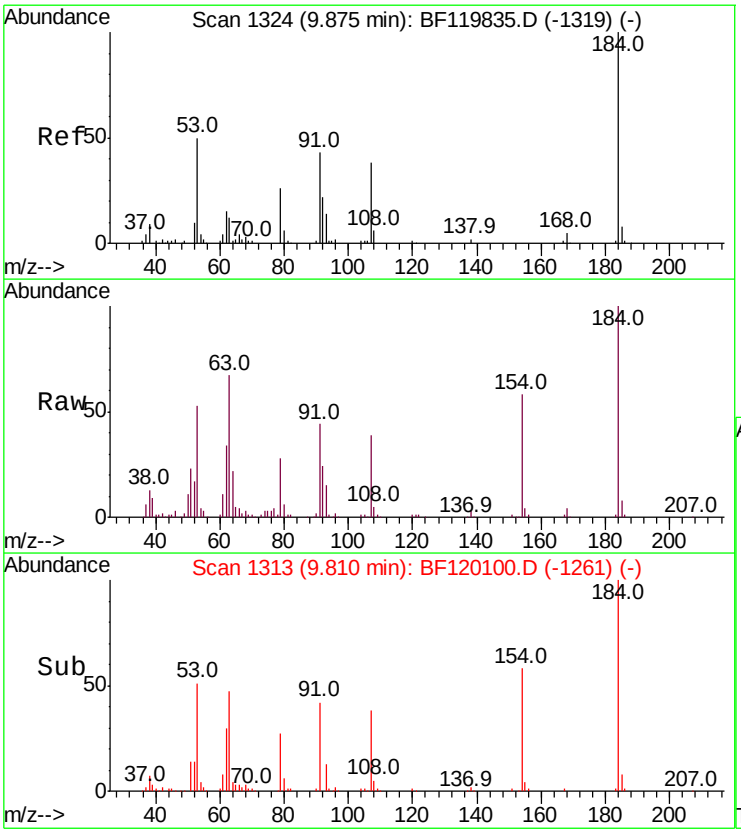
#53
3-Nitroaniline
Concen: 23.685 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:138 Resp: 106719

Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.0	12.0
92	113.1	92.1	138.1

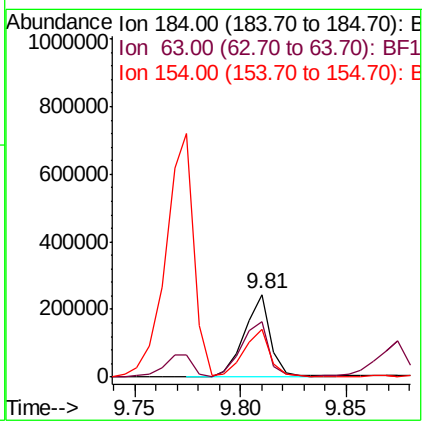


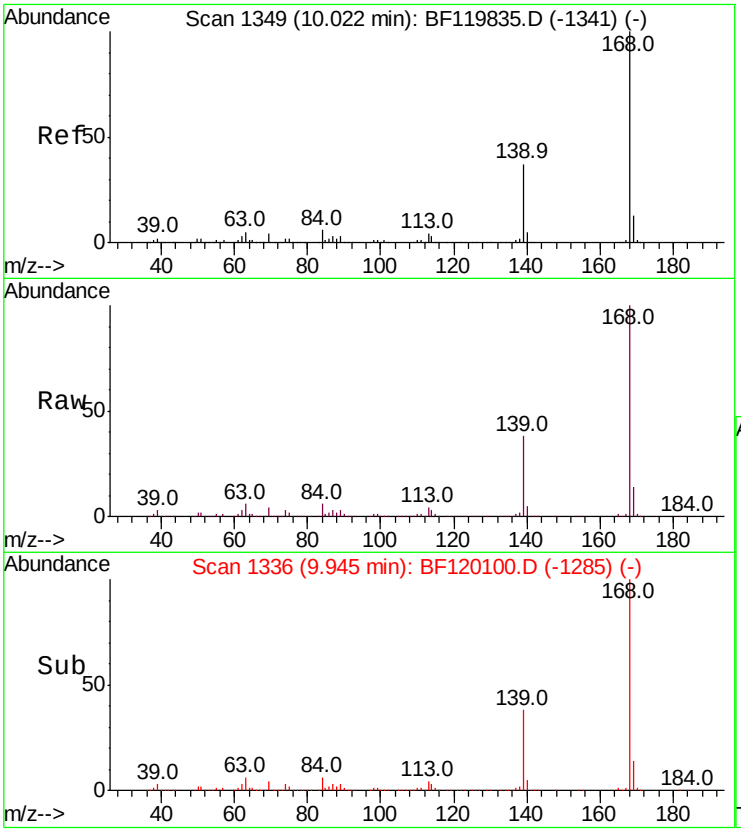


#54
2,4-Dinitrophenol
Concen: 91.133 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:184 Resp: 215257

Ion	Ratio	Lower	Upper
184	100		
63	66.8	49.8	74.6
154	58.2	46.5	69.7



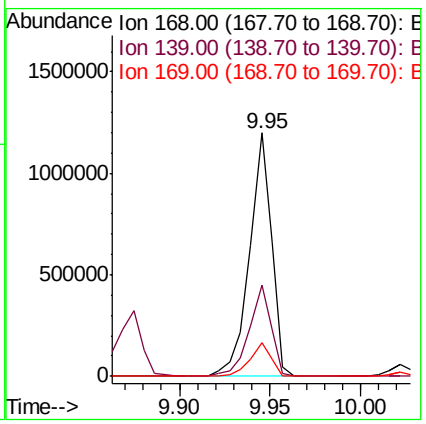


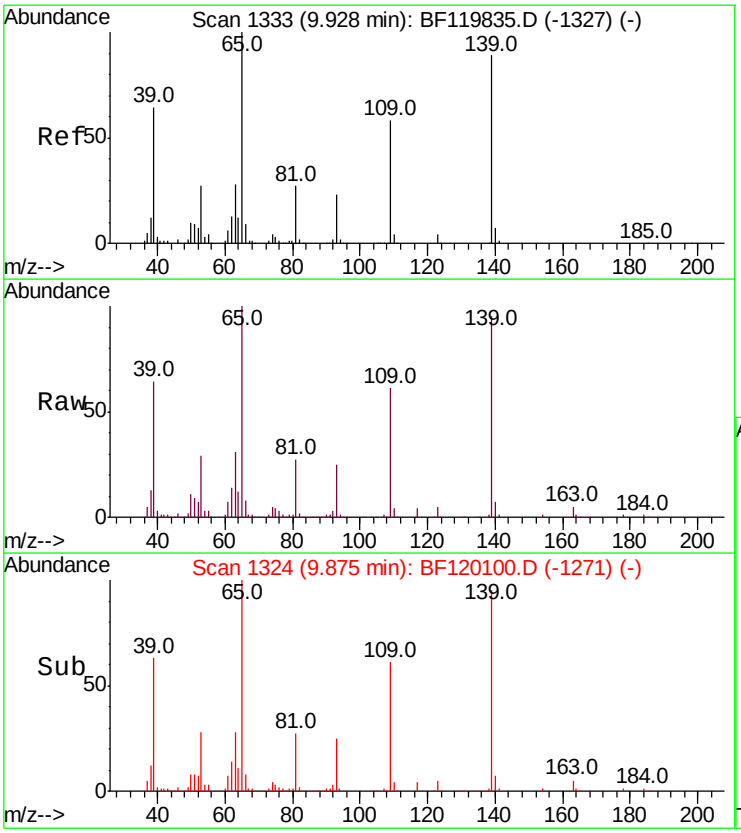
#55
Dibenzofuran
Concen: 47.992 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:168 Resp: 1011848

Ion	Ratio	Lower	Upper
168	100		
139	37.6	29.8	44.6
169	13.8	10.6	15.8

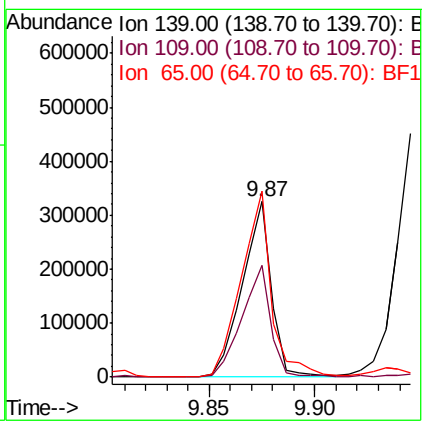


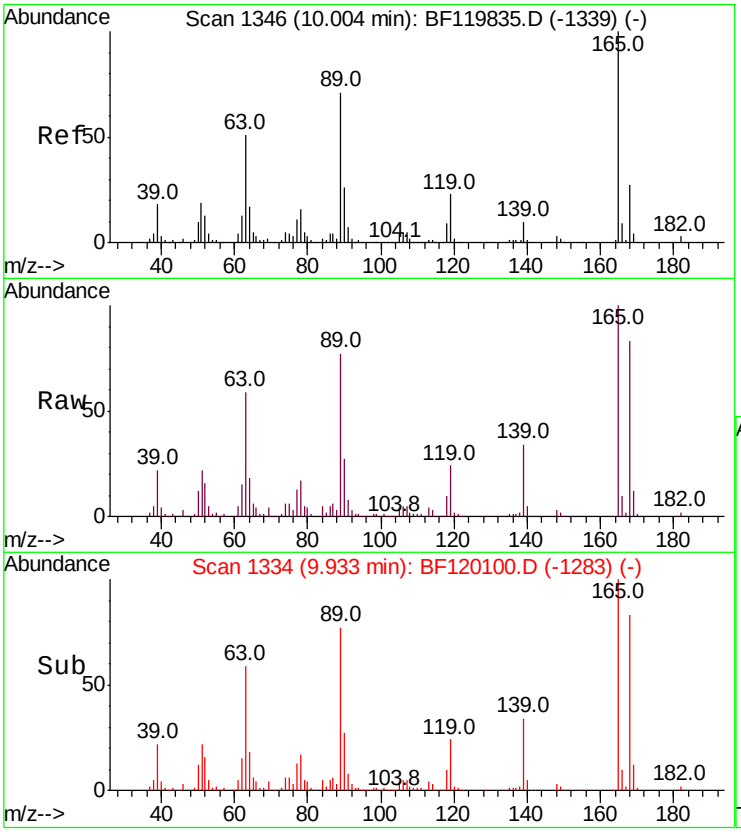


#56
4-Nitrophenol
Concen: 92.998 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:139 Resp: 311781

Ion	Ratio	Lower	Upper
139	100		
109	63.9	45.5	85.5
65	105.6	92.3	132.3



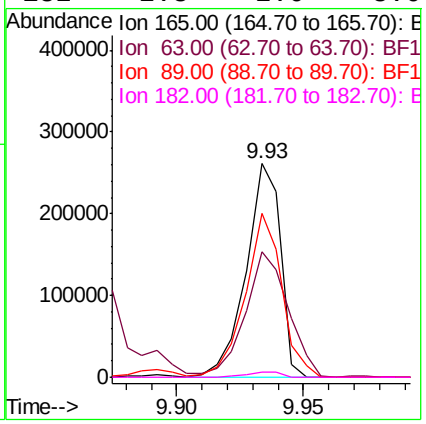


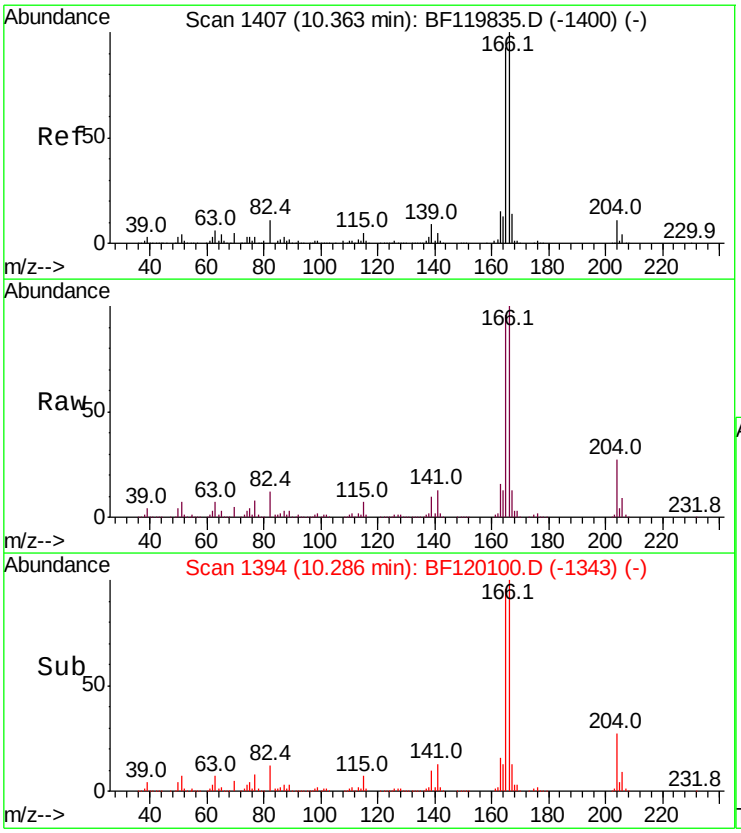
#57
2,4-Dinitrotoluene
Concen: 47.533 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:165 Resp: 247070

Ion	Ratio	Lower	Upper
165	100		
63	58.8	40.8	61.2
89	76.8	56.9	85.3
182	2.3	2.0	3.0

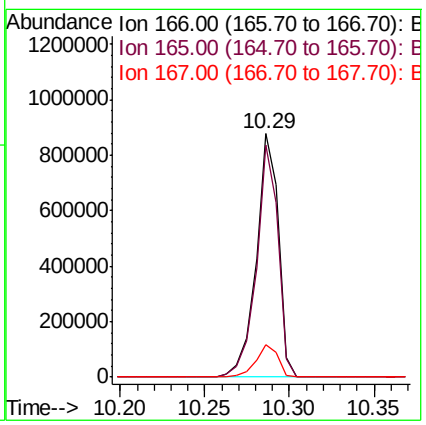


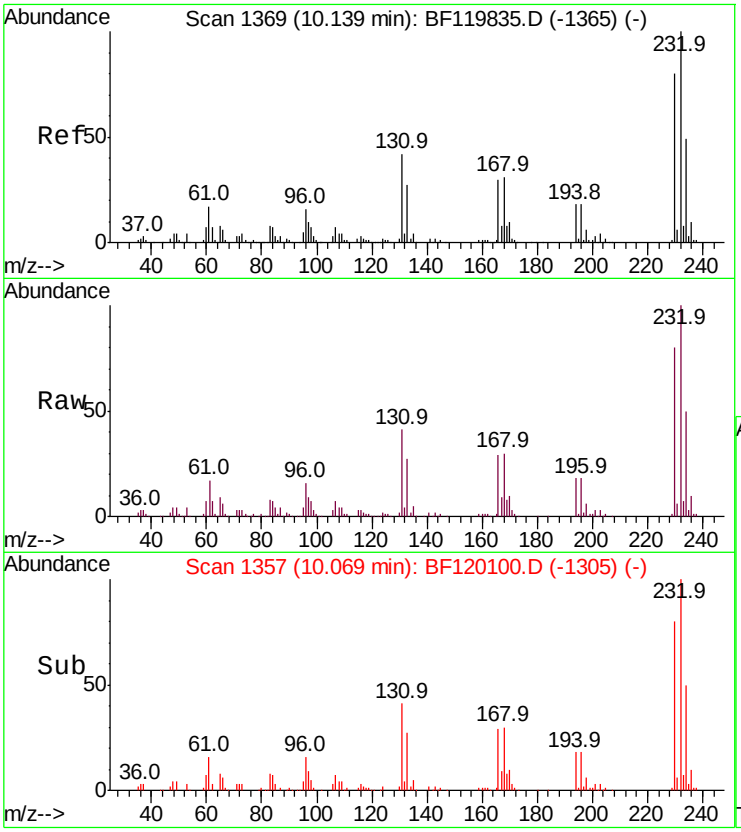


#58
Fluorene
Concen: 47.437 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:166 Resp: 799861

Ion	Ratio	Lower	Upper
166	100		
165	95.6	74.2	111.2
167	13.4	10.8	16.2



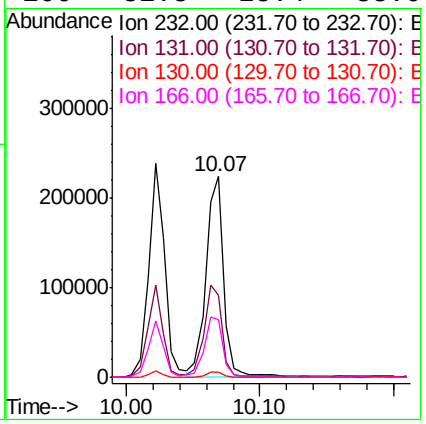


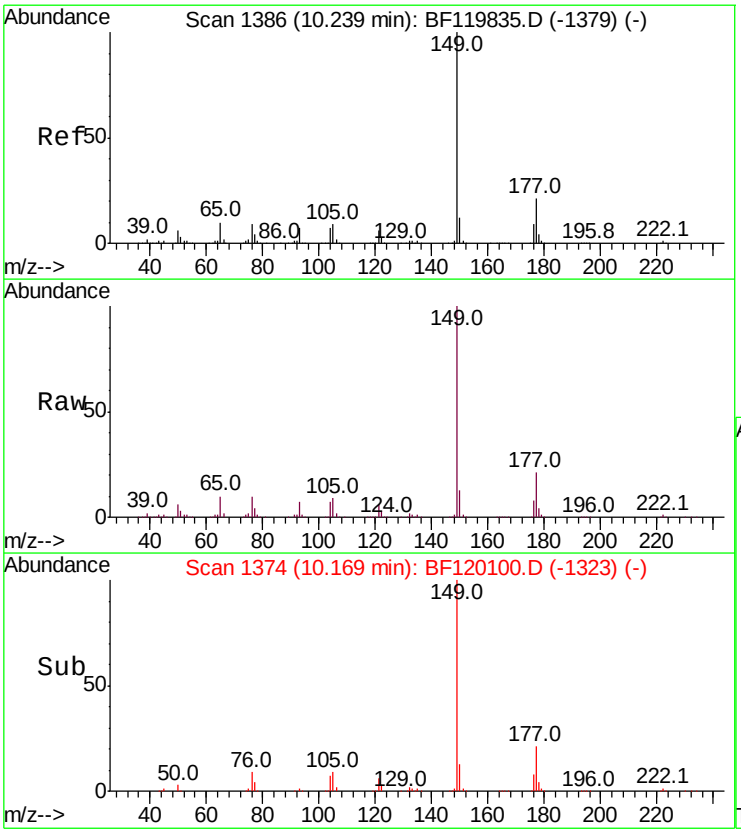
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.078 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:232 Resp: 206013

Ion	Ratio	Lower	Upper
232	100		
131	47.1	37.9	56.9
130	2.4	1.8	2.6
166	31.3	25.4	38.0

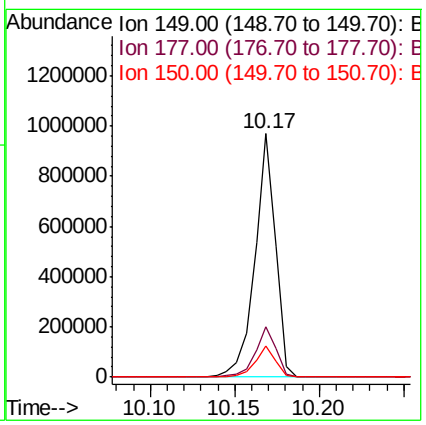


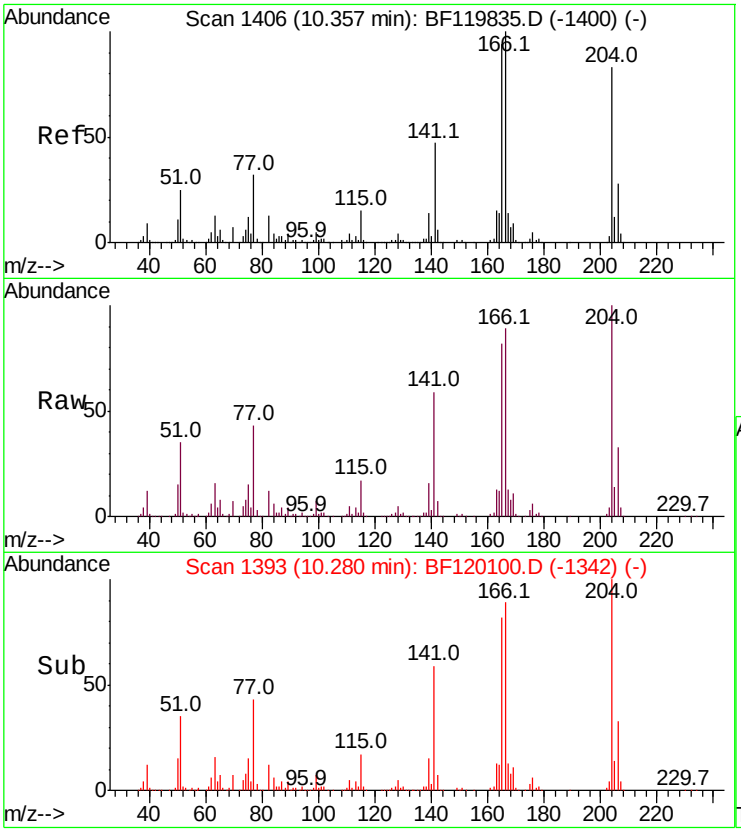


#60
Diethylphthalate
Concen: 44.310 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:149 Resp: 827379

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.8	25.2
150	12.9	9.8	14.6



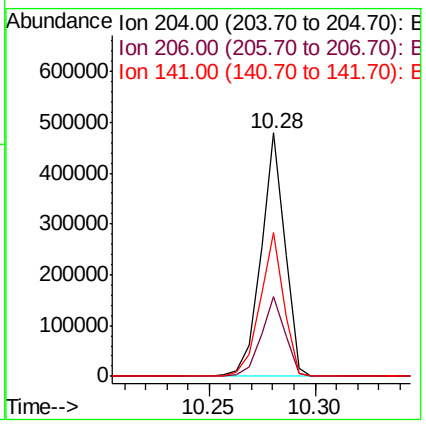


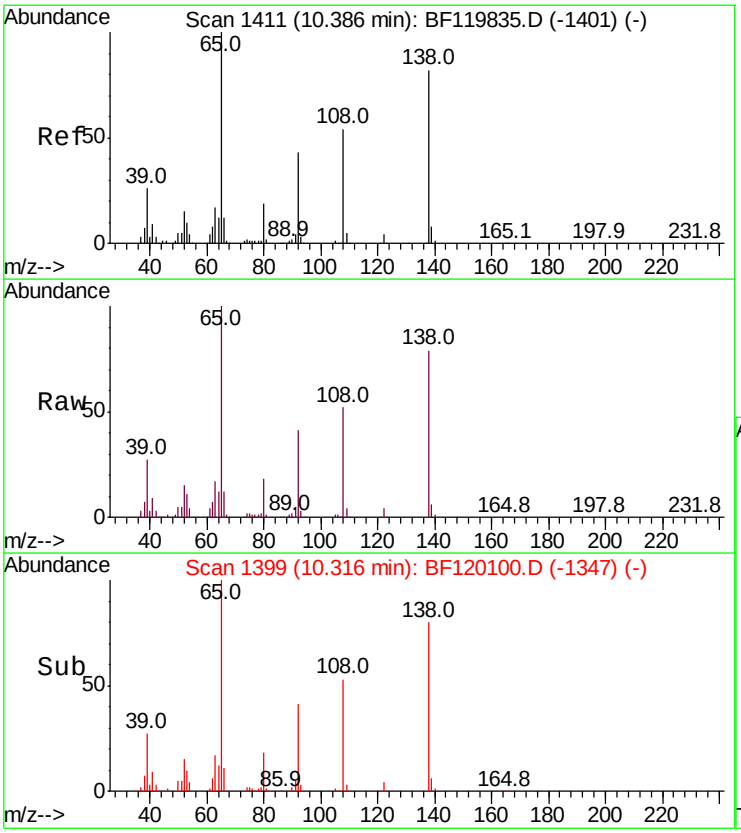
#61
4-Chlorophenyl-phenylether
Concen: 43.460 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:204 Resp: 375584

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.7	40.1
141	59.3	45.8	68.8

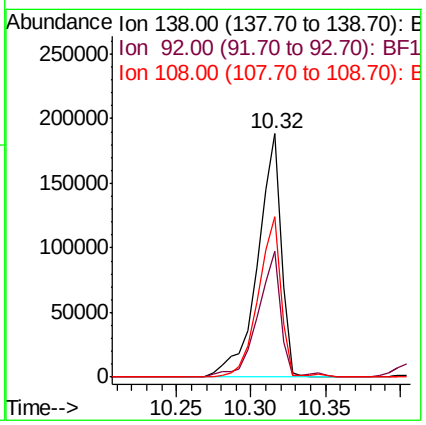


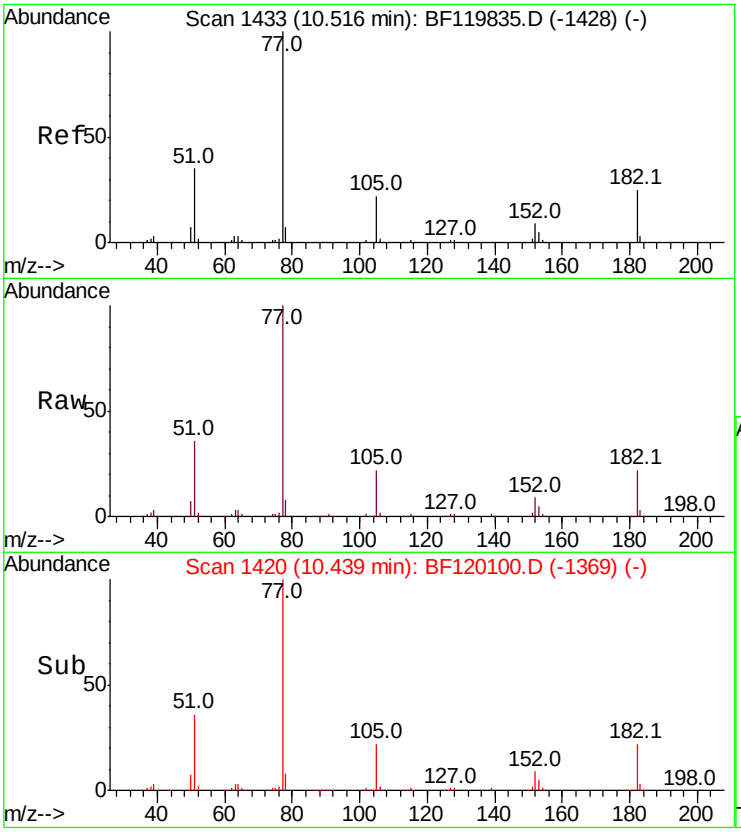


#62
4-Nitroaniline
Concen: 47.368 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:138 Resp: 203403

Ion	Ratio	Lower	Upper
138	100		
92	51.6	31.6	71.6
108	66.1	45.2	85.2



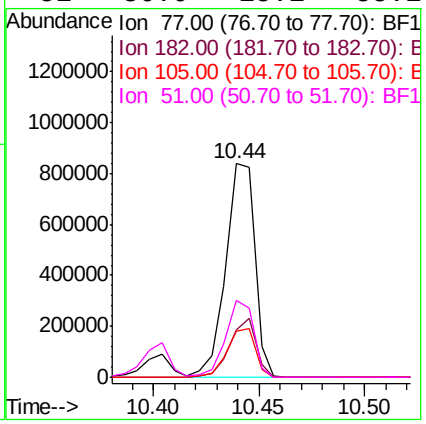


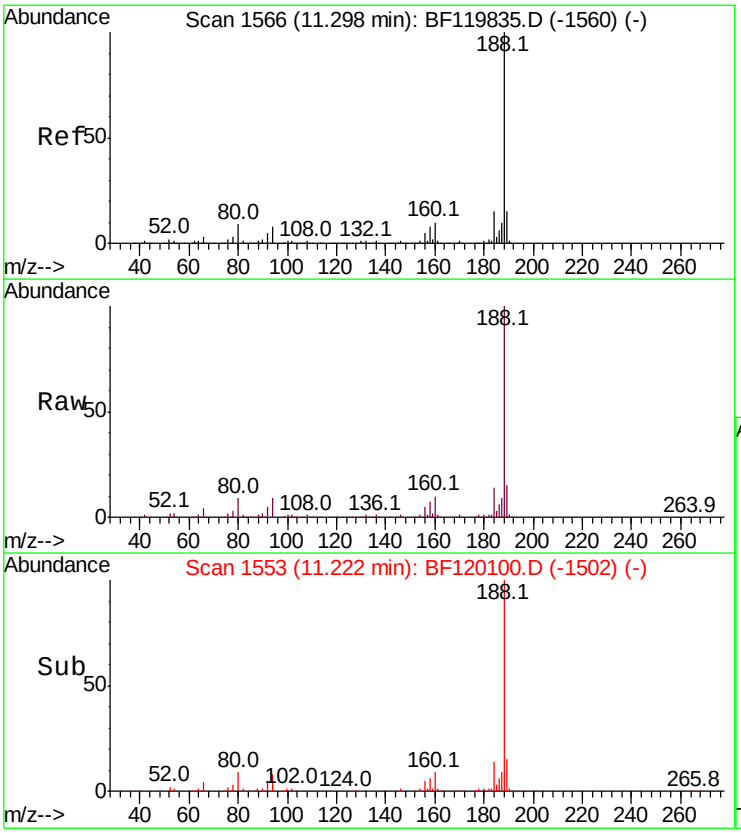
#63
Azobenzene
Concen: 47.700 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion: 77 Resp: 798213

Ion	Ratio	Lower	Upper
77	100		
182	22.2	4.5	44.5
105	21.7	2.2	42.2
51	36.0	15.1	55.1

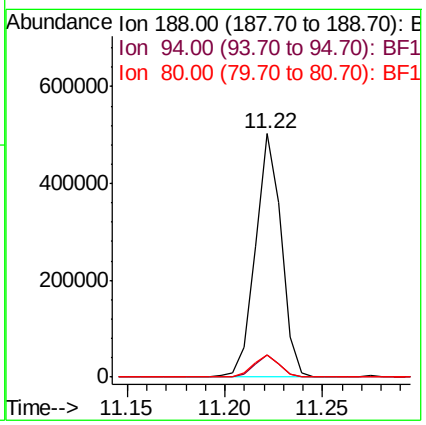


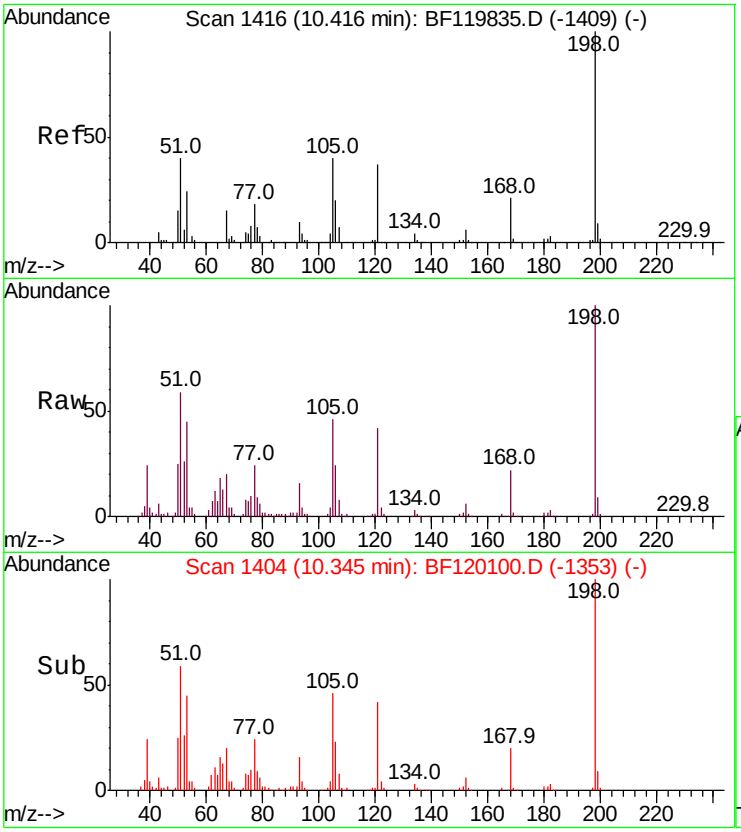


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:188 Resp: 458932

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	9.2	7.4	11.2



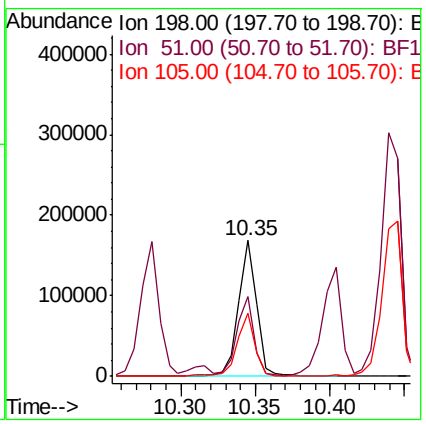


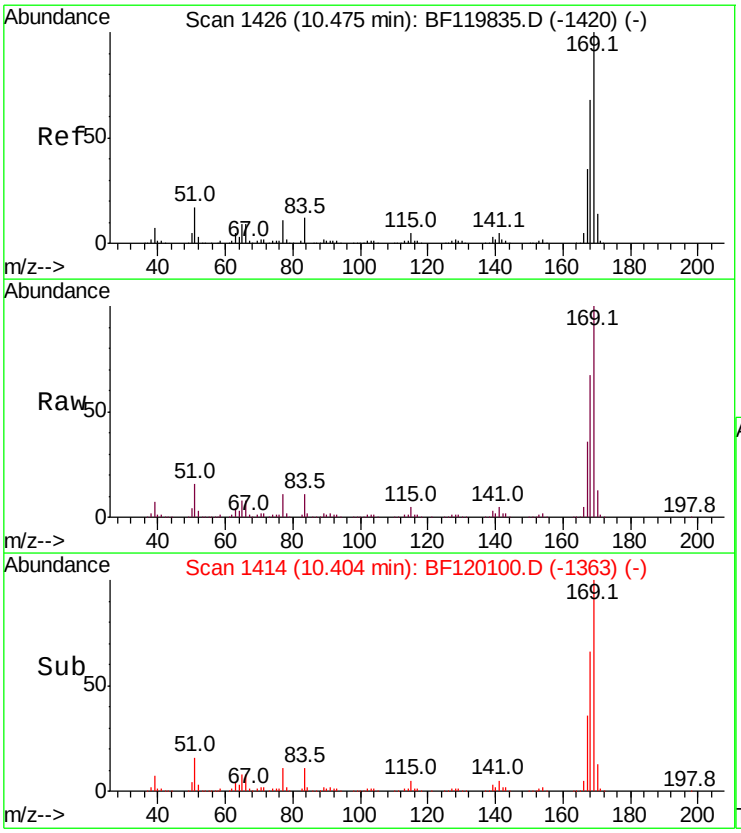
#65
4,6-Dinitro-2-methylphenol
Concen: 47.556 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:198 Resp: 143784

Ion	Ratio	Lower	Upper
198	100		
51	58.7	25.2	65.2
105	46.5	20.8	60.8

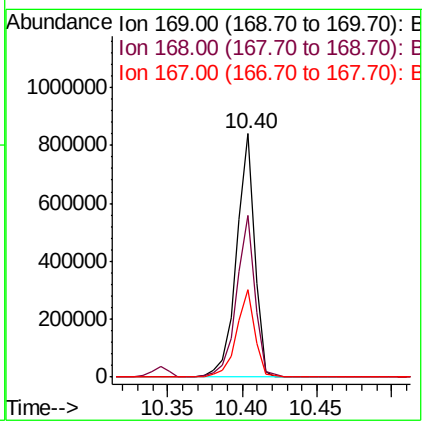


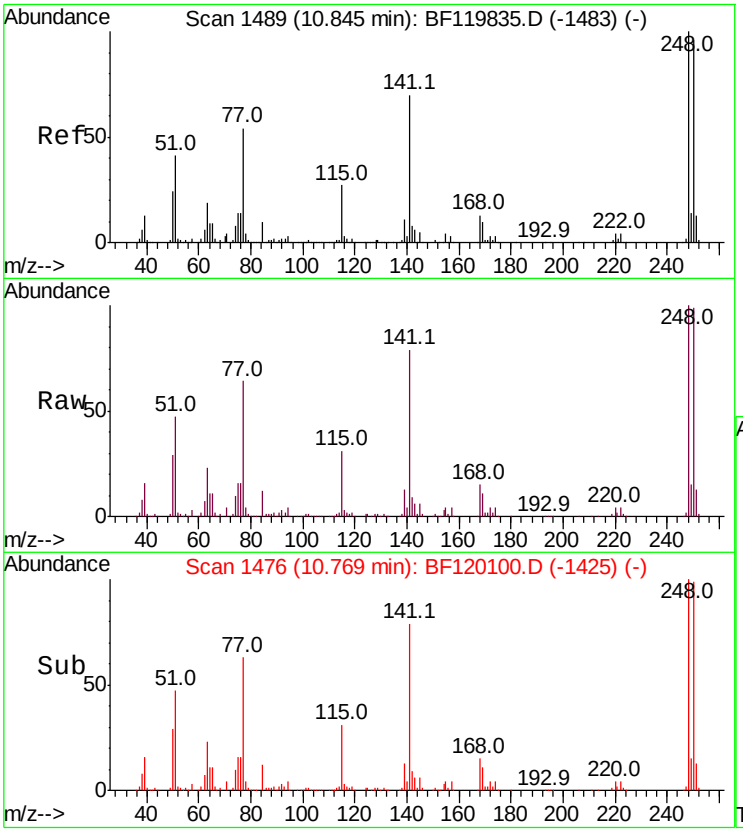


#66
n-Nitrosodiphenylamine
Concen: 46.799 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:169 Resp: 714277

Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.4
167	36.0	28.3	42.5



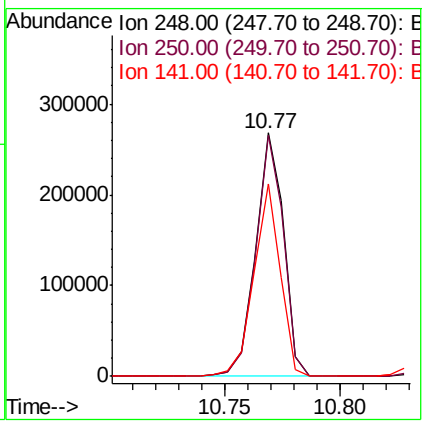


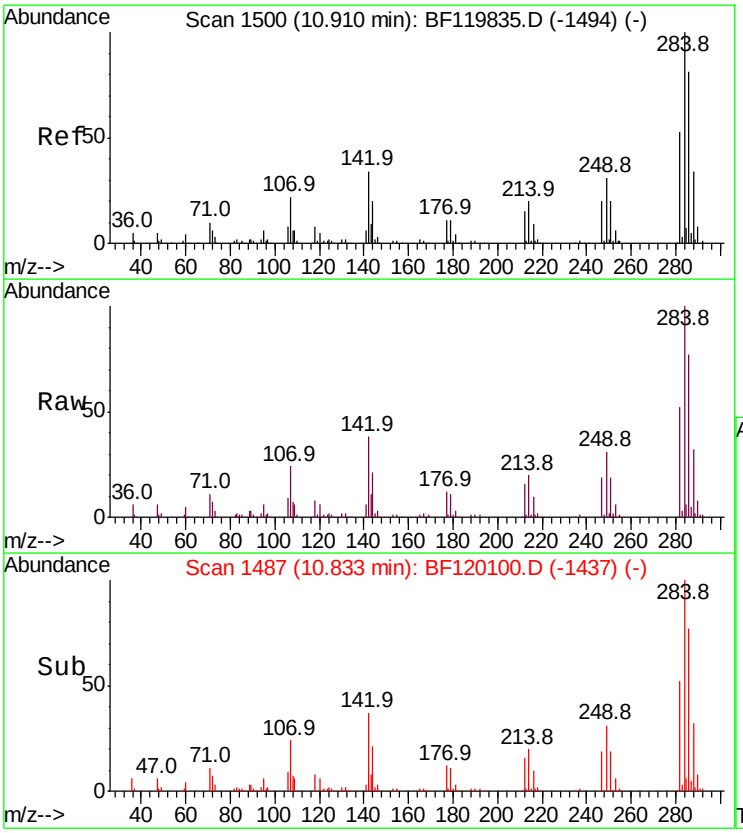
#67
4-Bromophenyl-phenylether
Concen: 39.724 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:248 Resp: 226718

Ion	Ratio	Lower	Upper
248	100		
250	98.8	76.6	114.8
141	79.1	55.9	83.9

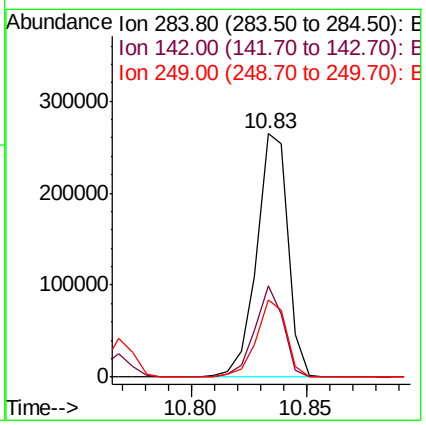


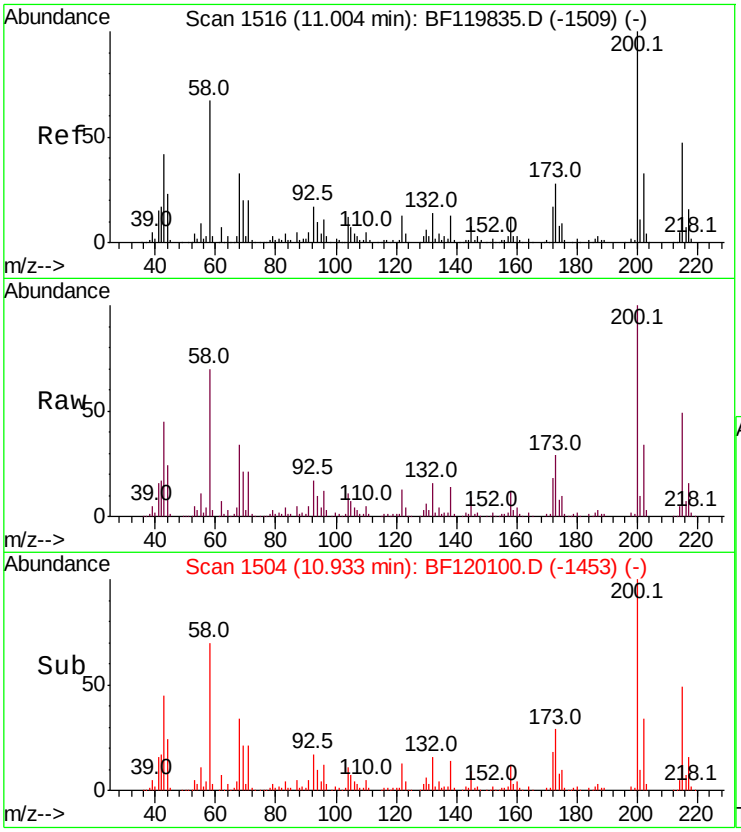


#68
Hexachlorobenzene
Concen: 43.284 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:284 Resp: 250608

Ion	Ratio	Lower	Upper
284	100		
142	37.6	26.9	40.3
249	31.5	24.6	37.0



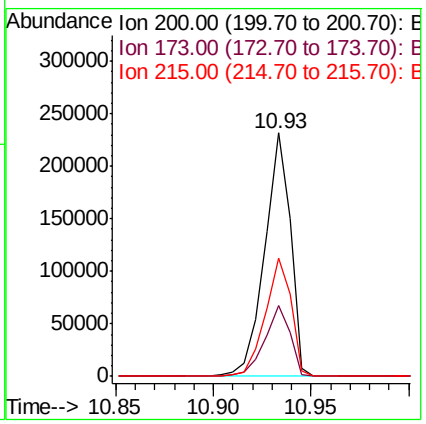


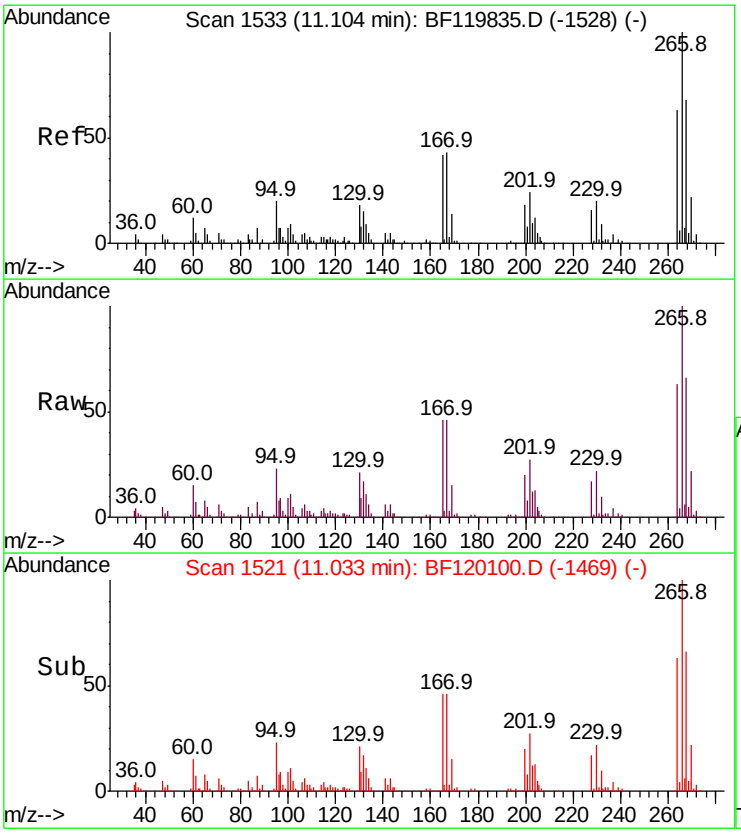
#69
Atrazine
Concen: 49.877 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:200 Resp: 211807

Ion	Ratio	Lower	Upper
200	100		
173	29.2	8.0	48.0
215	48.5	27.1	67.1

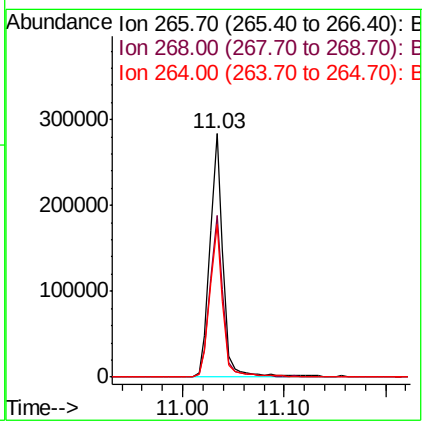


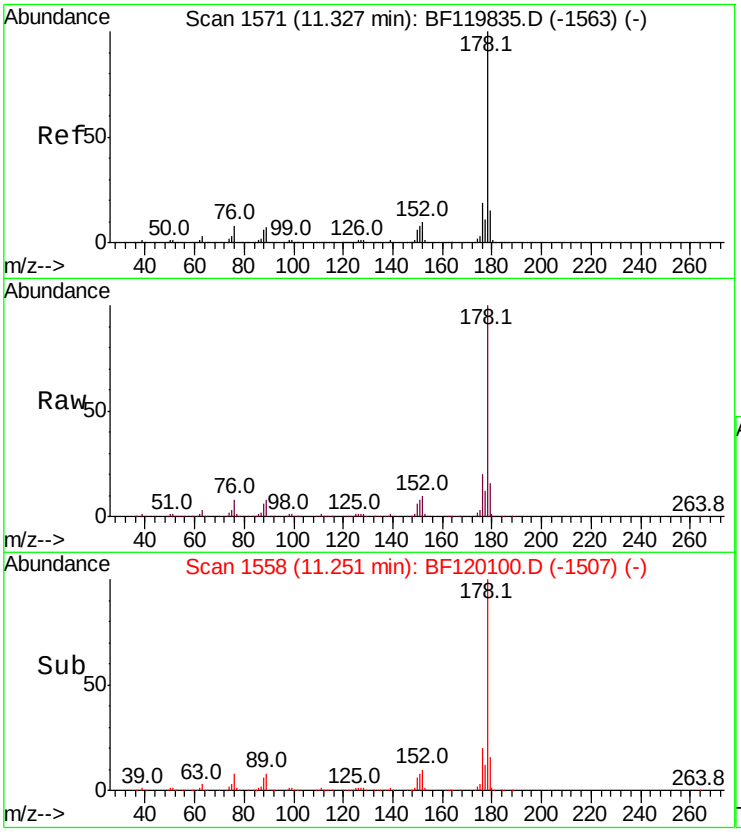


#70
Pentachlorophenol
Concen: 77.308 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:266 Resp: 257941

Ion	Ratio	Lower	Upper
266	100		
268	66.4	54.2	81.4
264	62.6	50.6	76.0



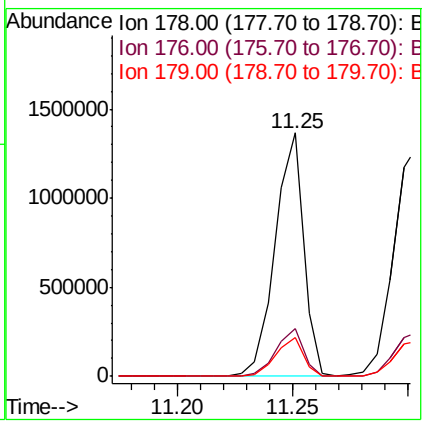


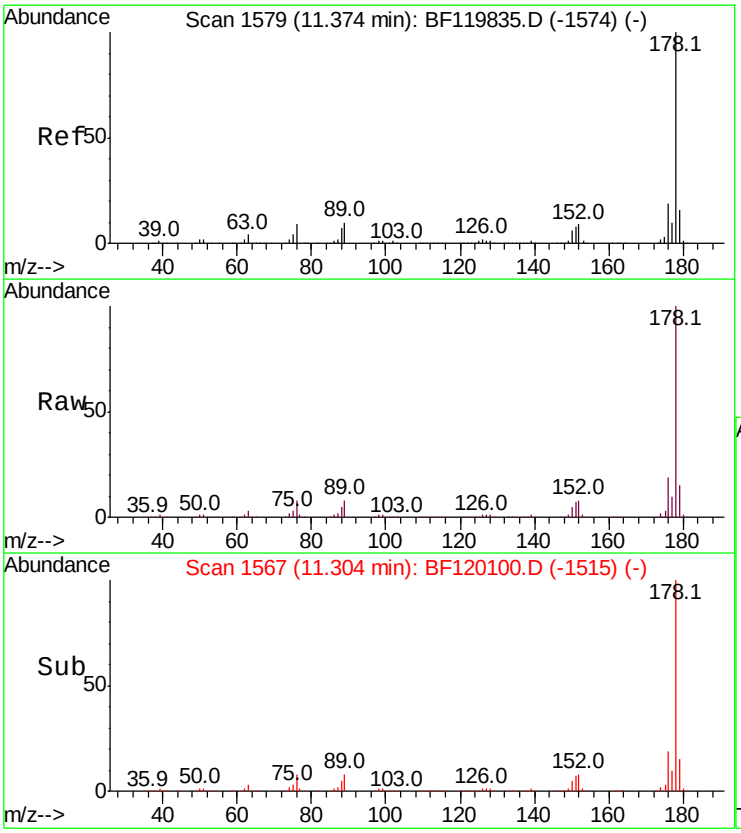
#71
Phenanthrene
Concen: 47.806 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:178 Resp: 1167649

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.8	12.2	18.4

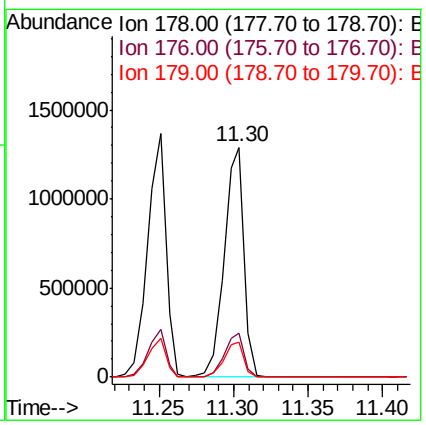


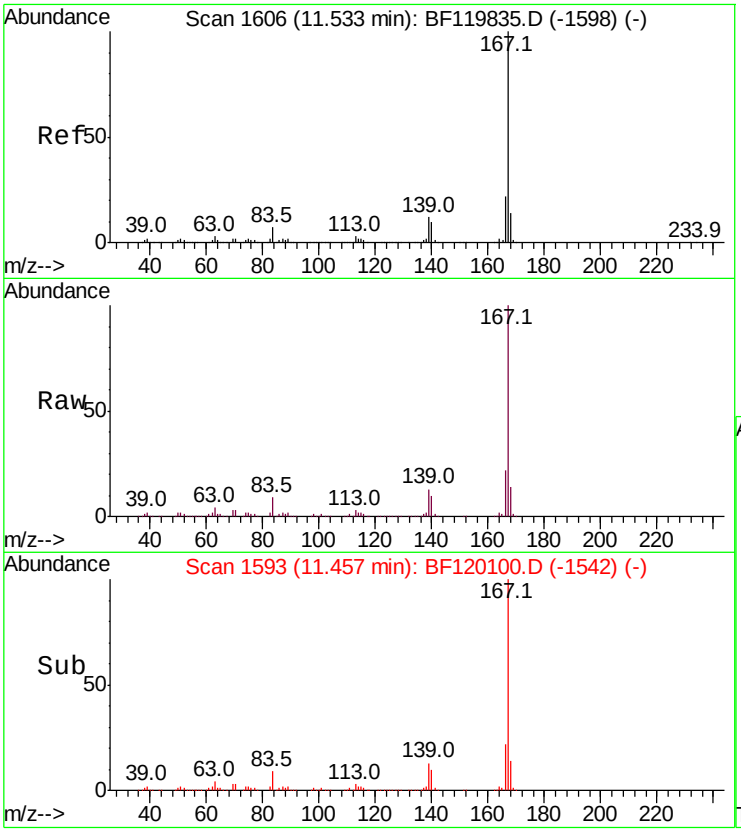


#72
Anthracene
Concen: 48.325 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:178 Resp: 1205775

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.4	12.8	19.2



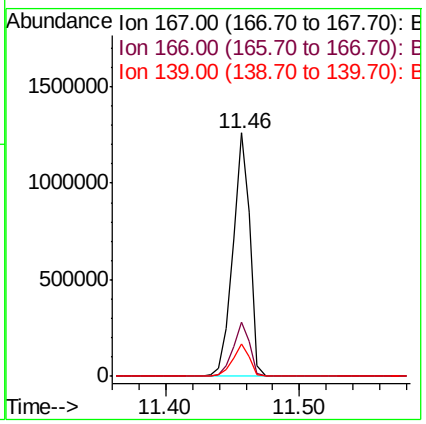


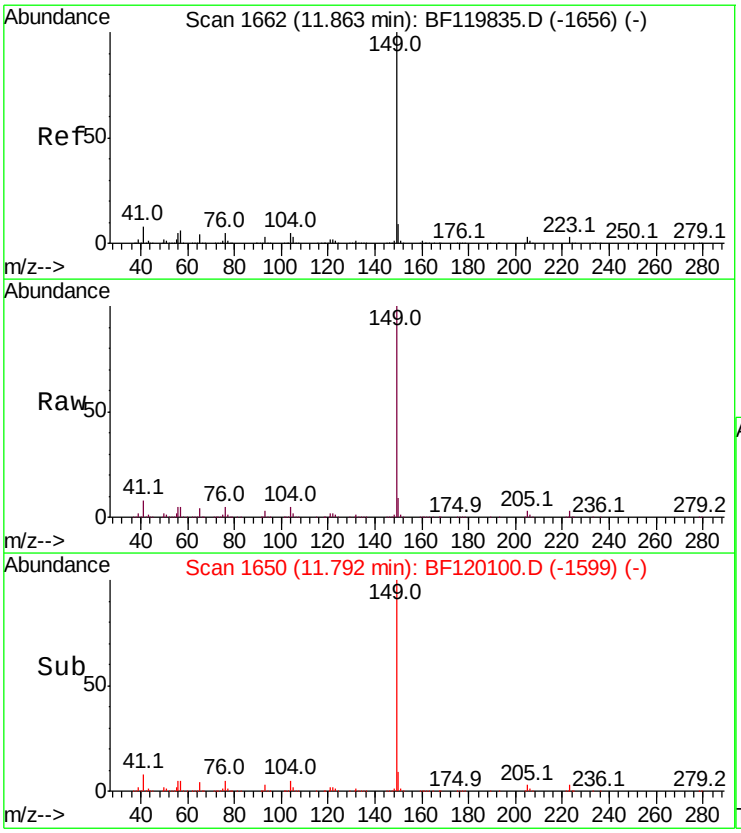
#73
Carbazole
Concen: 47.568 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:167 Resp: 1122417

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.1	9.8	14.8

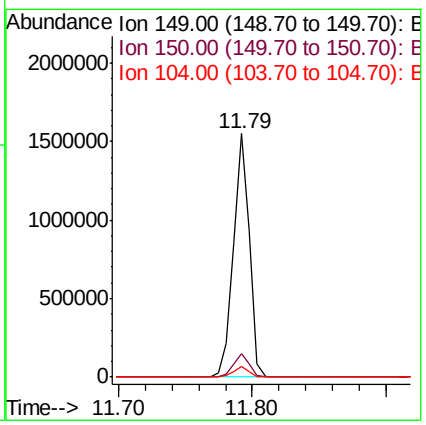


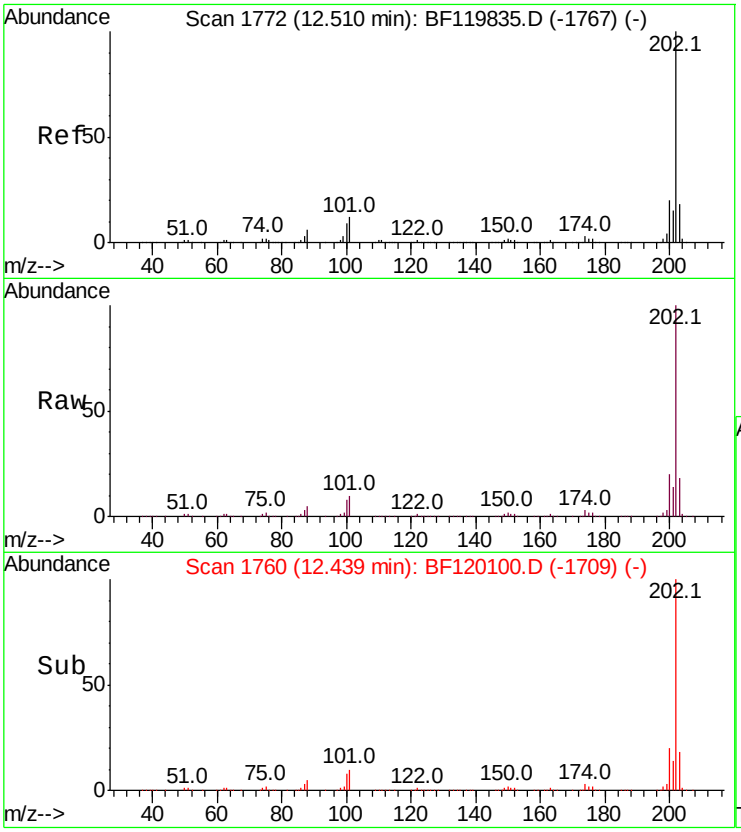


#74
Di-n-butylphthalate
Concen: 41.872 ng
RT: 11.79 min Scan# 1650
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:149 Resp: 1298828

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	4.5	3.8	5.6



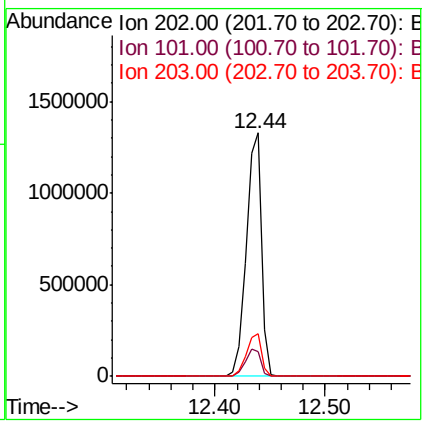


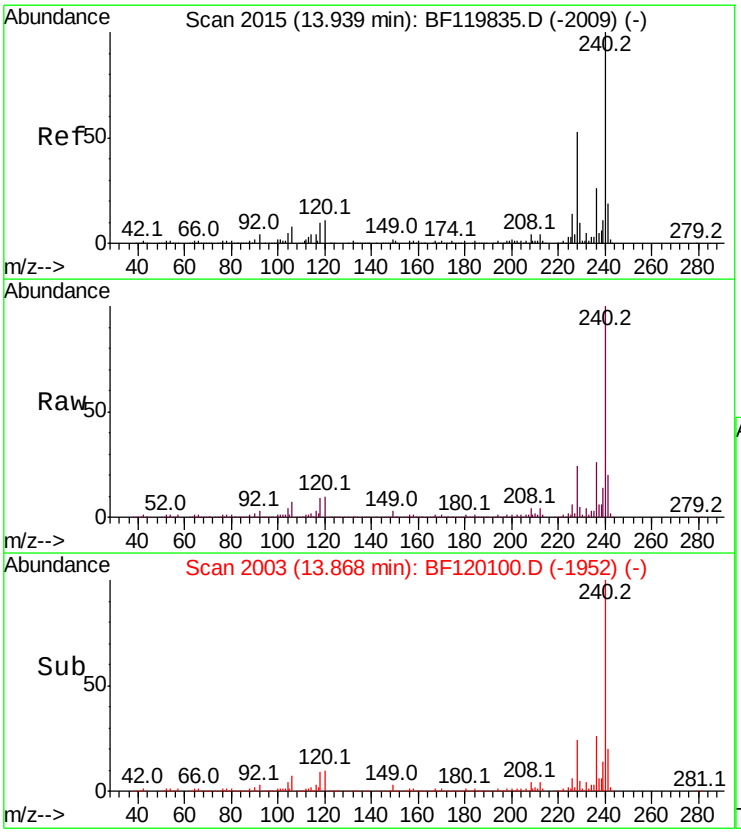
#75
Fluoranthene
Concen: 48.604 ng
RT: 12.44 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:202 Resp: 1280926

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	32.3
203	17.6	0.0	37.6

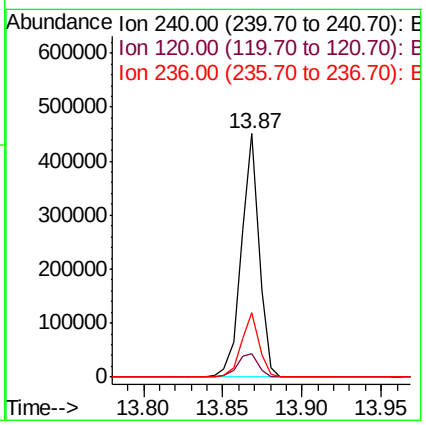


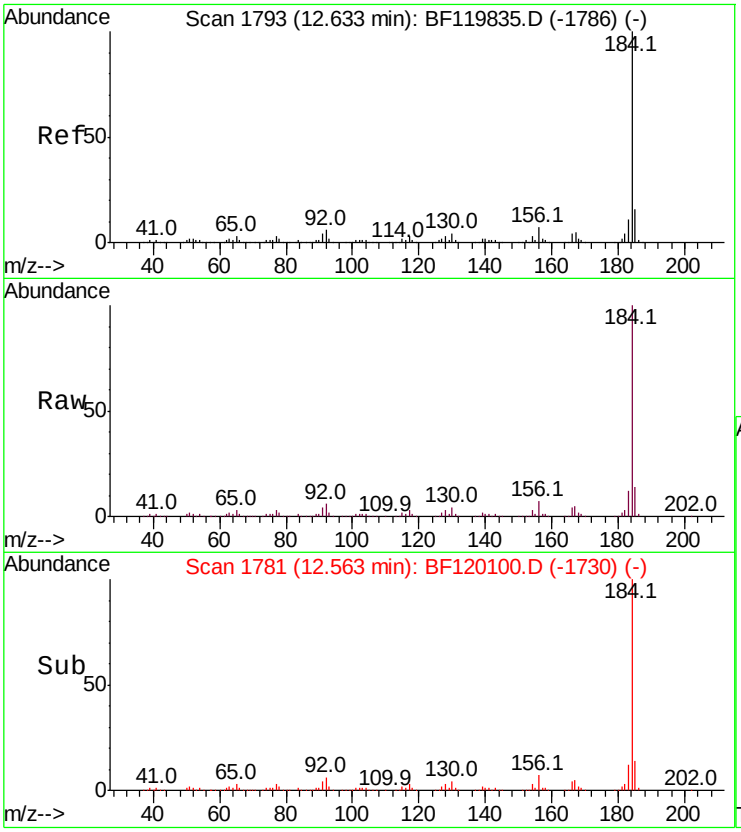


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:240 Resp: 348323

Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.0	13.6
236	26.4	20.7	31.1



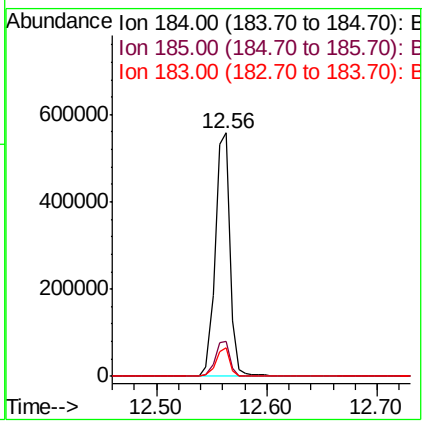


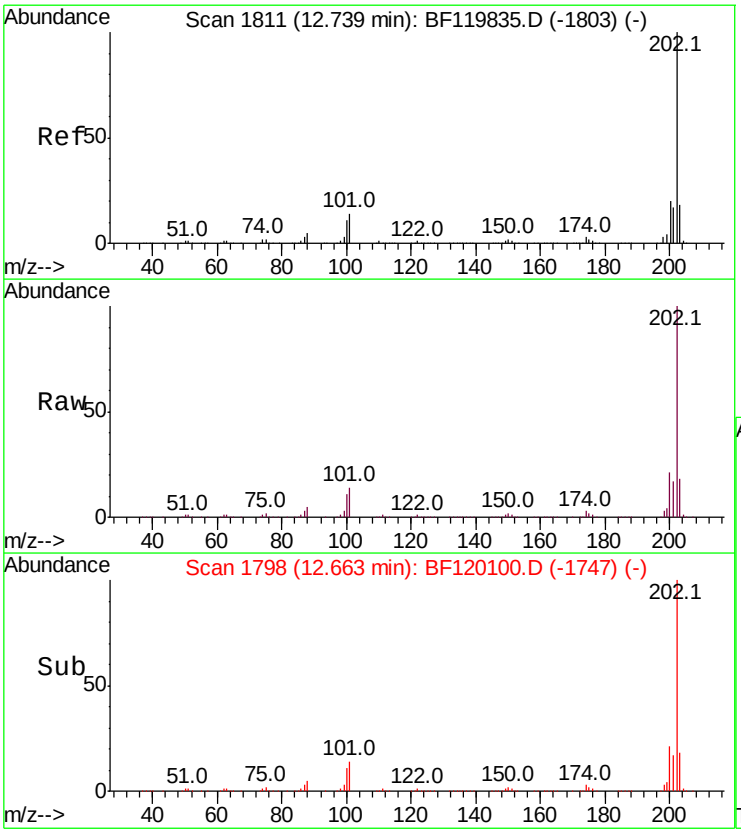
#77
Benzidine
Concen: 44.143 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:184 Resp: 519756

Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.2	19.8
183	11.5	9.1	13.7

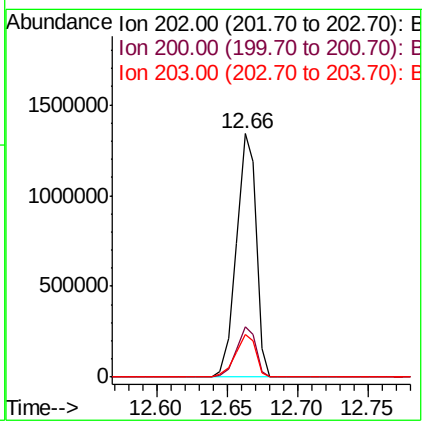


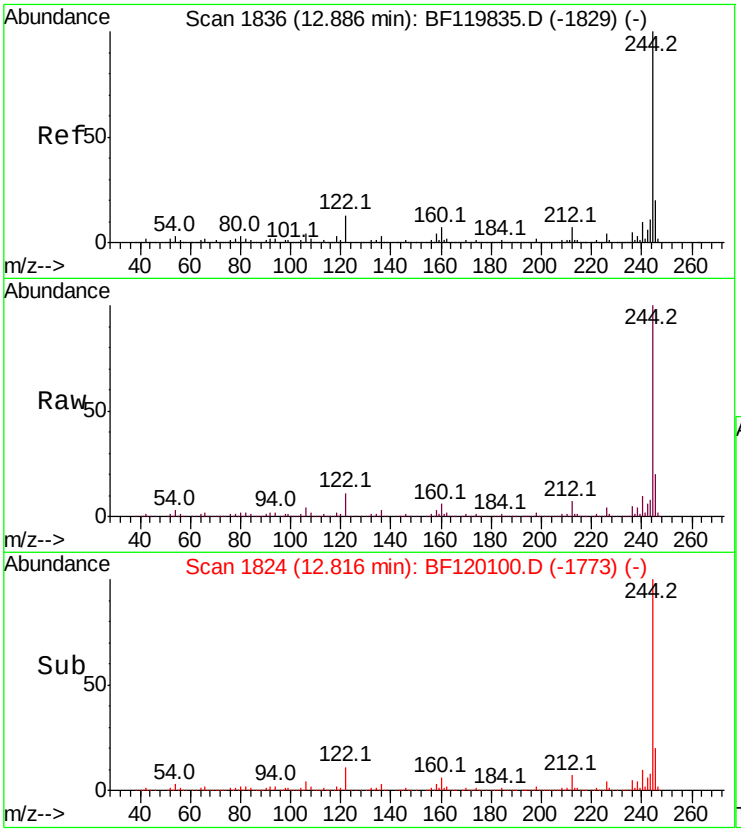


#78
Pyrene
Concen: 44.242 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:202 Resp: 1299130

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	17.6	14.1	21.1



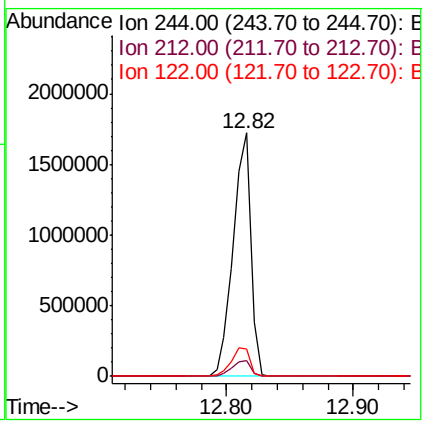


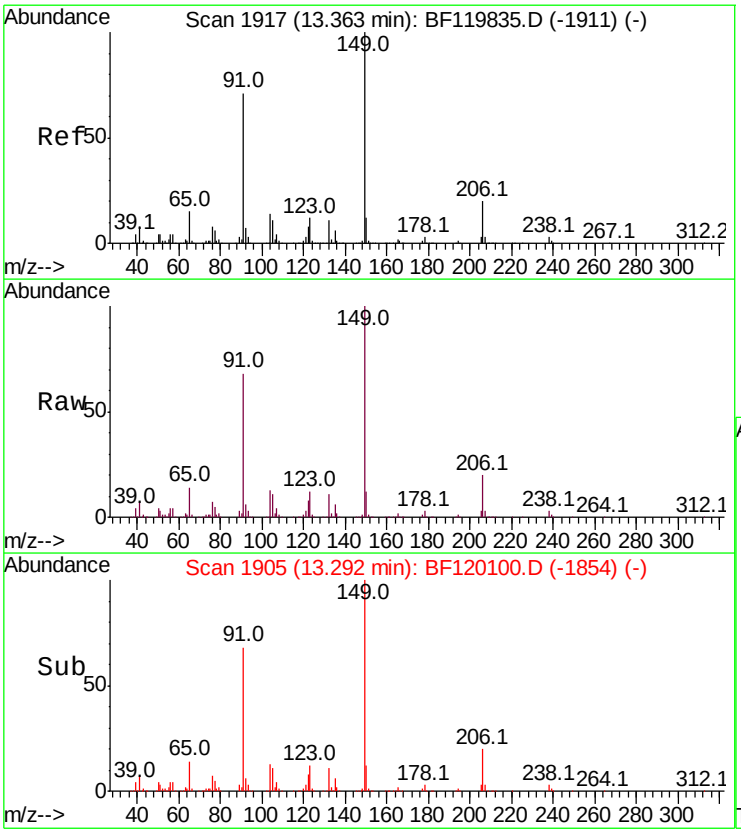
#79
Terphenyl-d14
Concen: 79.684 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:244 Resp: 1649517

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	11.2	10.3	15.5

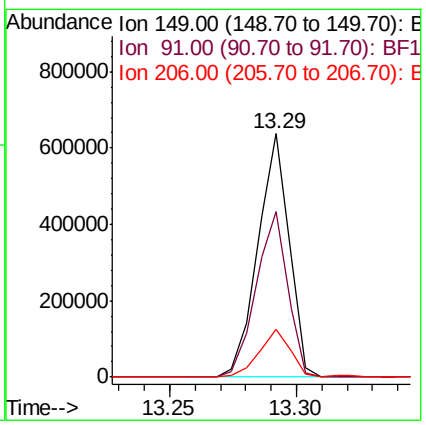


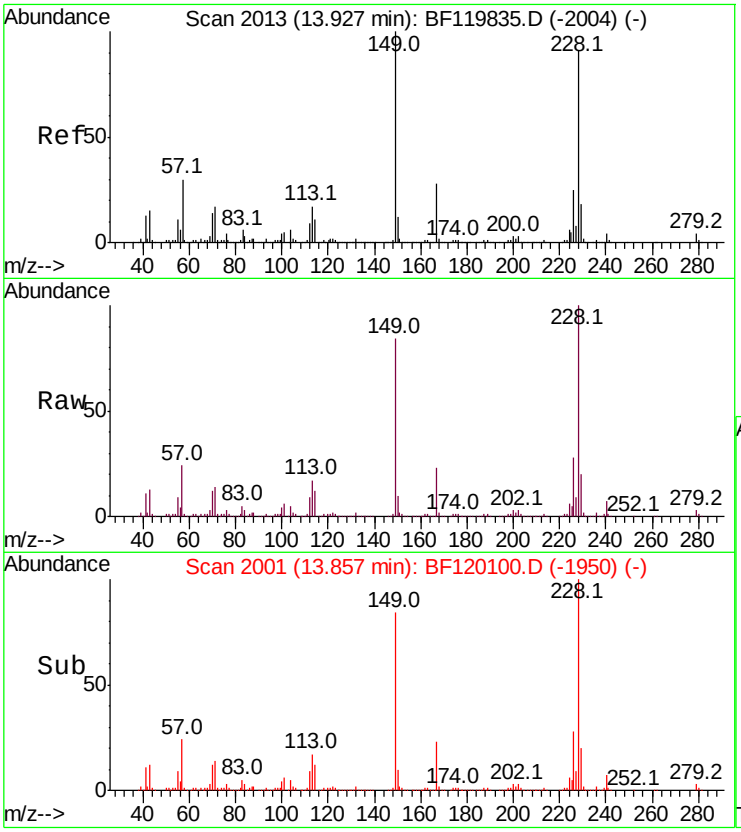


#80
Butylbenzylphthalate
Concen: 38.732 ng
RT: 13.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:149 Resp: 551879

Ion	Ratio	Lower	Upper
149	100		
91	67.9	56.7	85.1
206	19.5	15.7	23.5



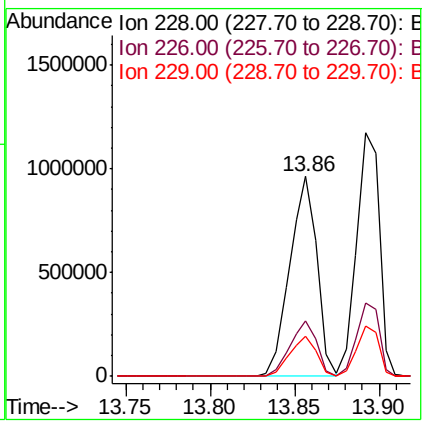


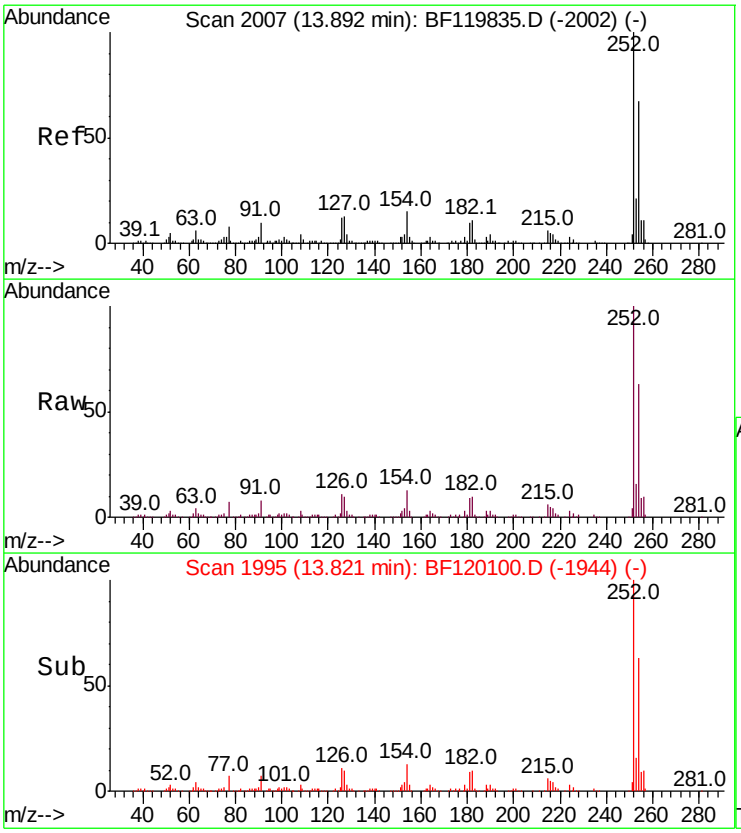
#81
Benzo(a)anthracene
Concen: 47.235 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:228 Resp: 1082377

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	20.0	15.9	23.9

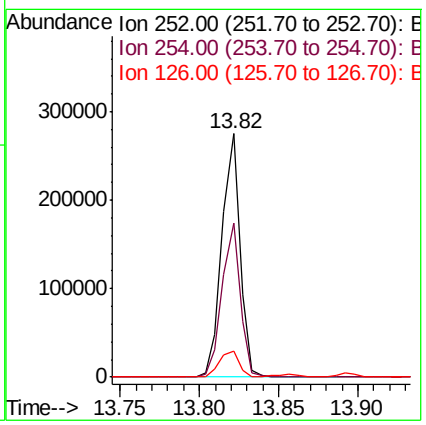


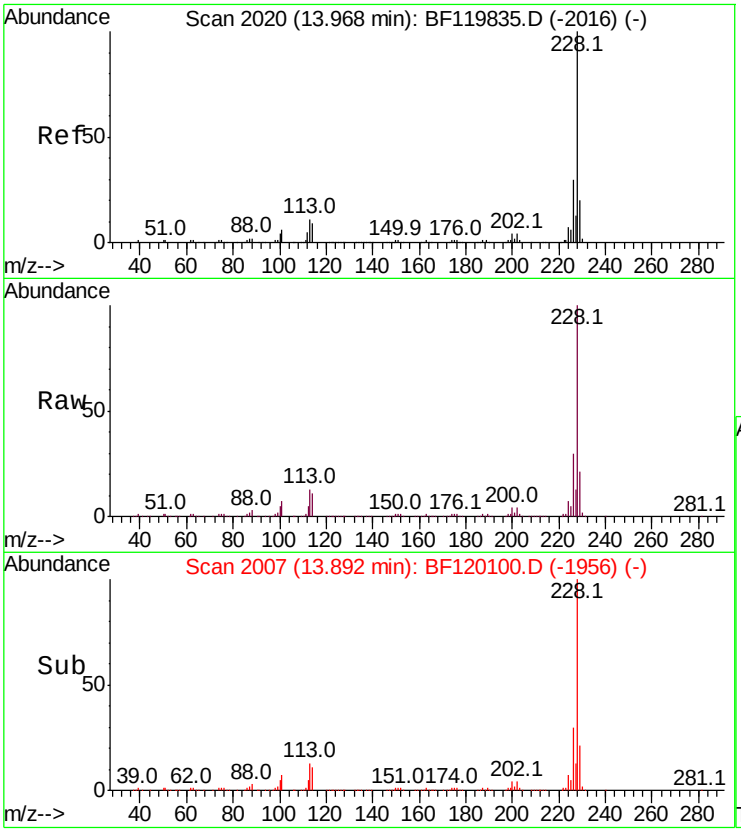


#82
3,3'-Dichlorobenzidine
Concen: 25.554 ng
RT: 13.82 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:252 Resp: 218486

Ion	Ratio	Lower	Upper
252	100		
254	63.0	53.9	80.9
126	10.7	9.7	14.5



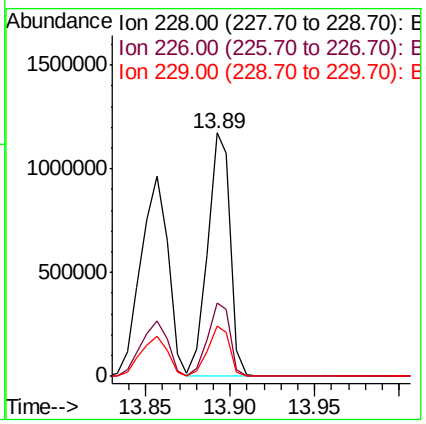


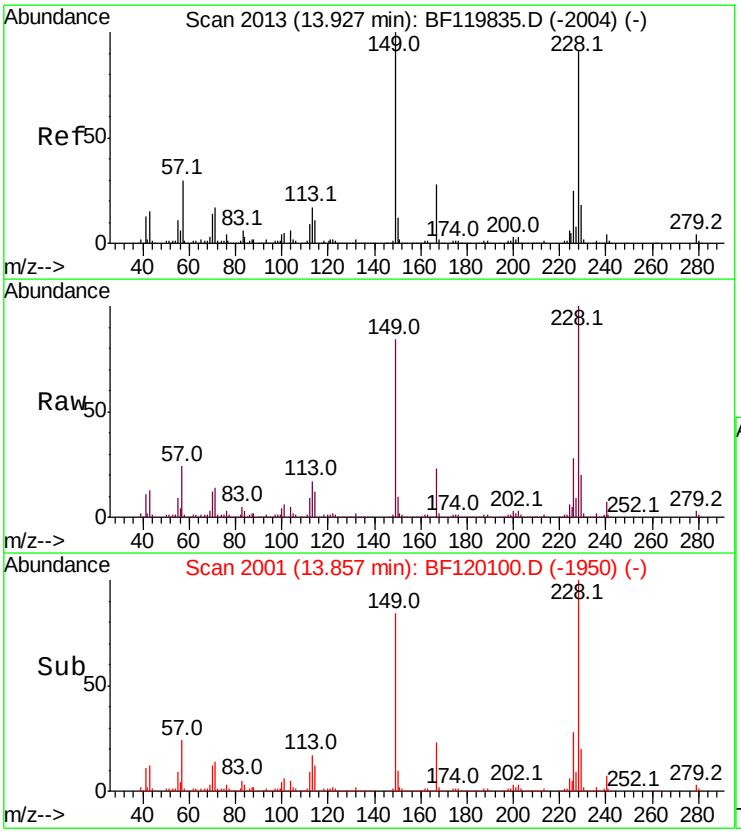
#83
Chrysene
Concen: 47.023 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:228 Resp: 1094858

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.2
229	20.6	15.9	23.9

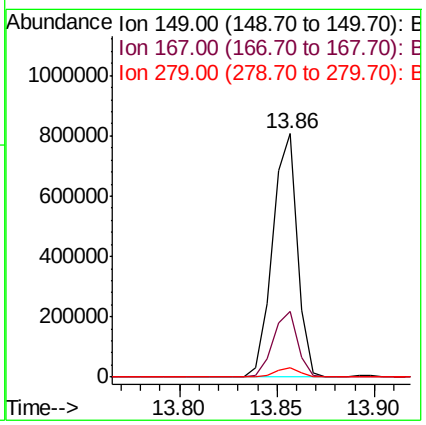


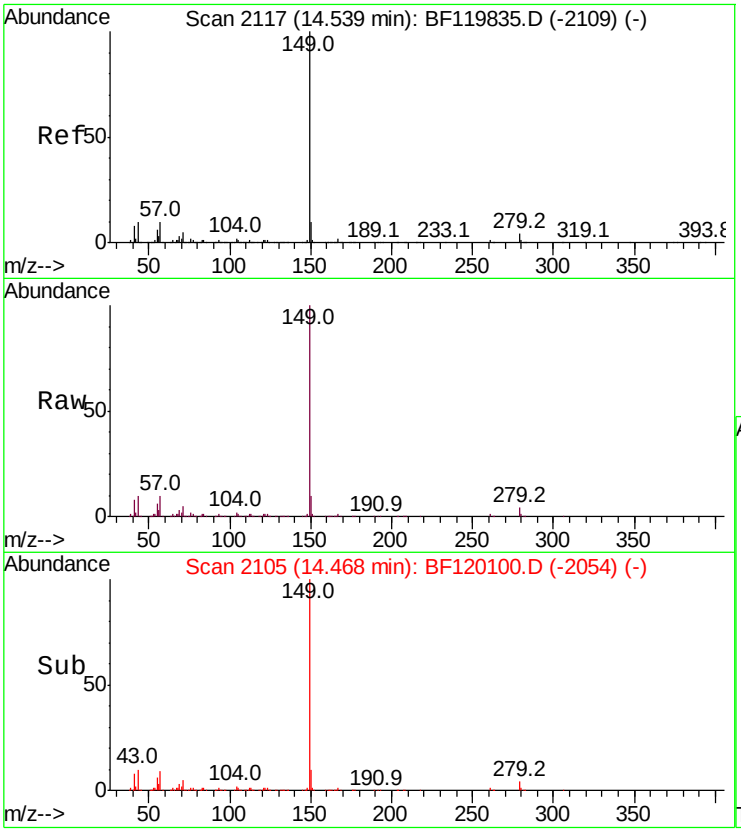


#84
Bis(2-ethylhexyl)phthalate
Concen: 36.727 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:149 Resp: 708668

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.2	33.2
279	3.7	3.4	5.0



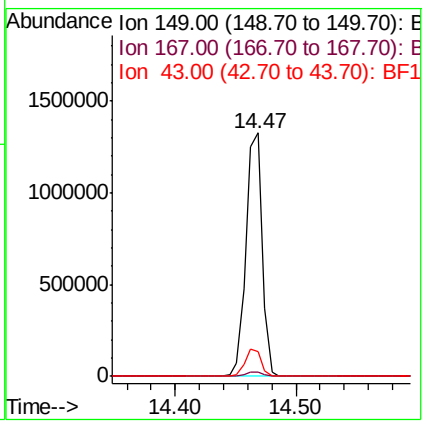


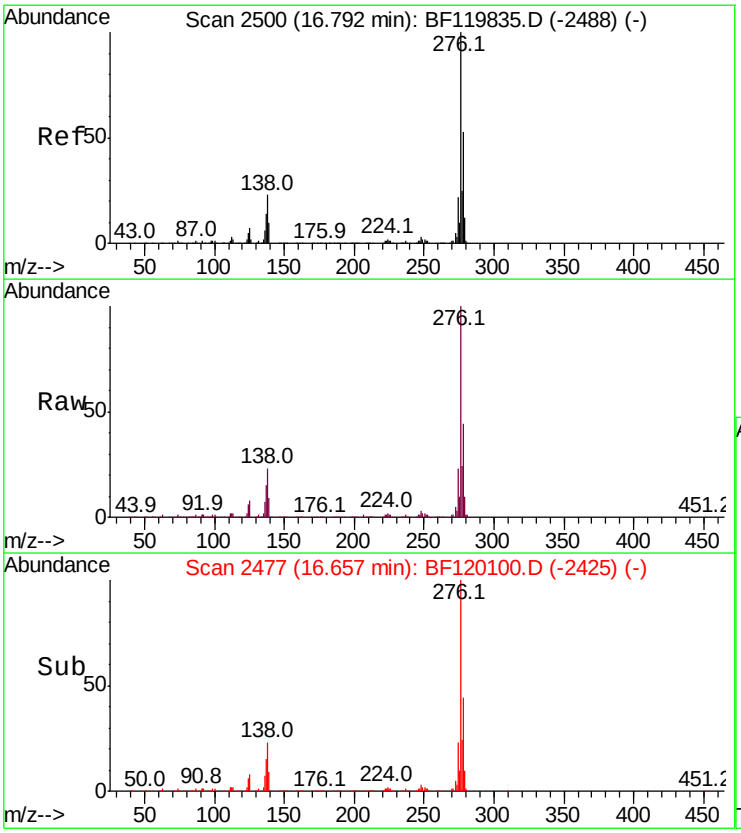
#85
Di-n-octyl phthalate
Concen: 38.012 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument : BNA_F
ClientSampleId : PB128341BS

Tgt Ion:149 Resp: 1248829

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.2	13.8

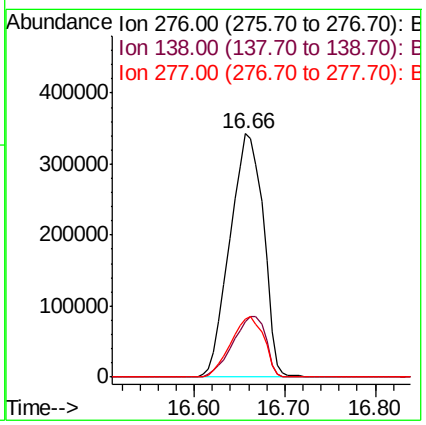


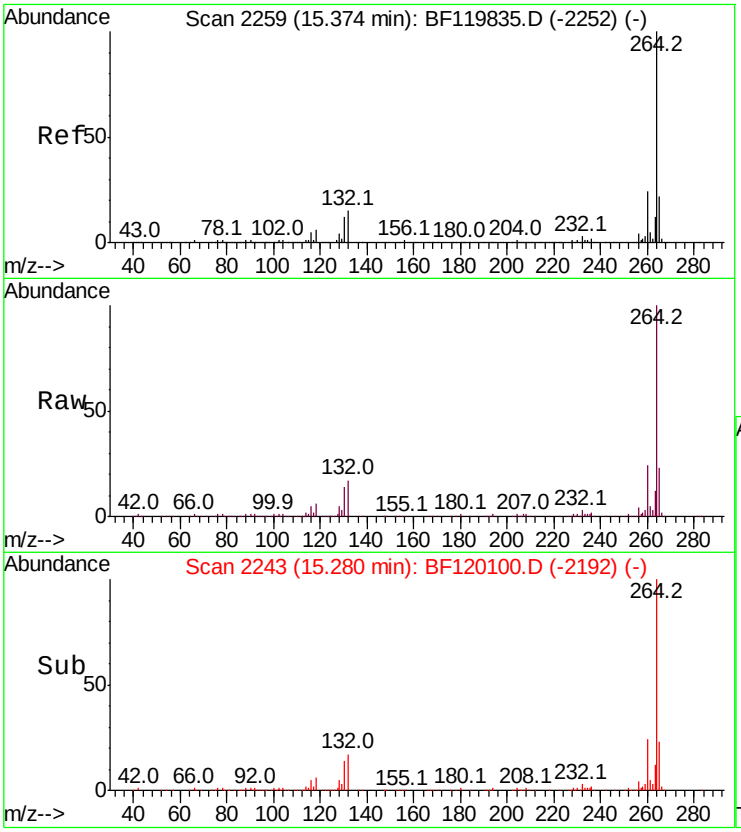


#86
Indeno(1,2,3-cd)pyrene
Concen: 42.861 ng
RT: 16.66 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:276 Resp: 879686

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.0	27.0
277	24.8	20.1	30.1



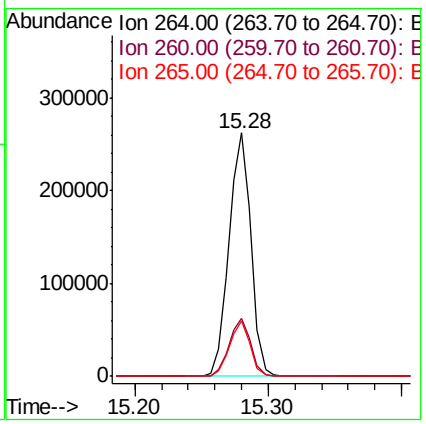


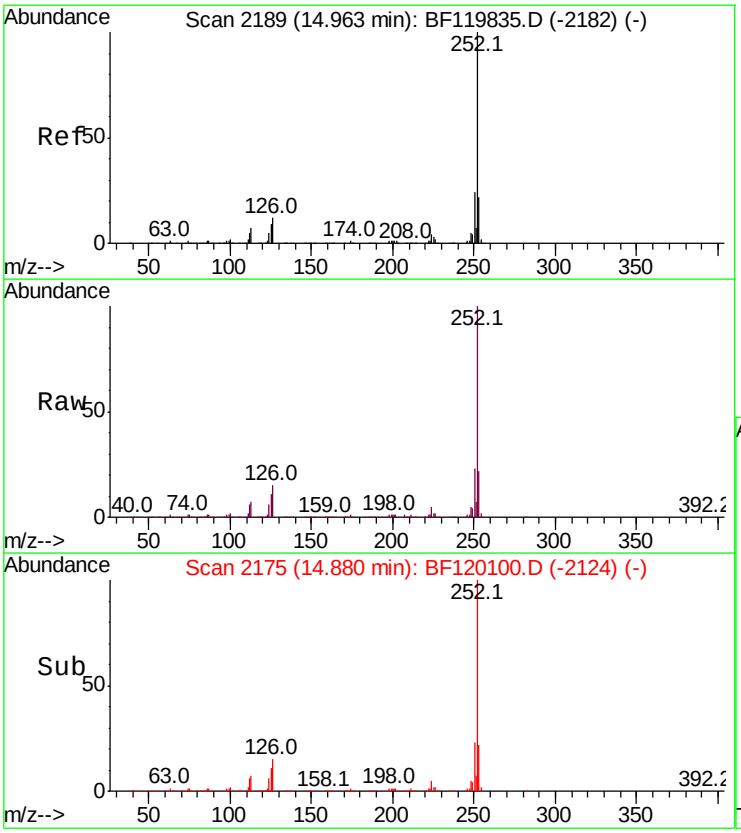
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:264 Resp: 303463

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.6	17.6	26.4

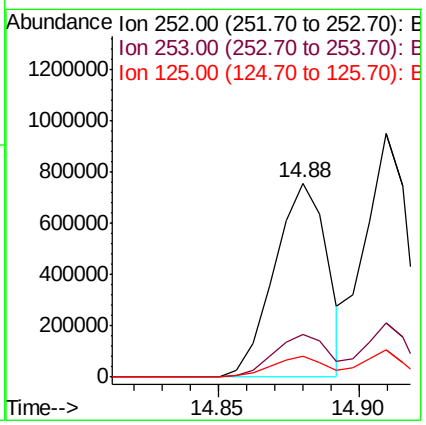


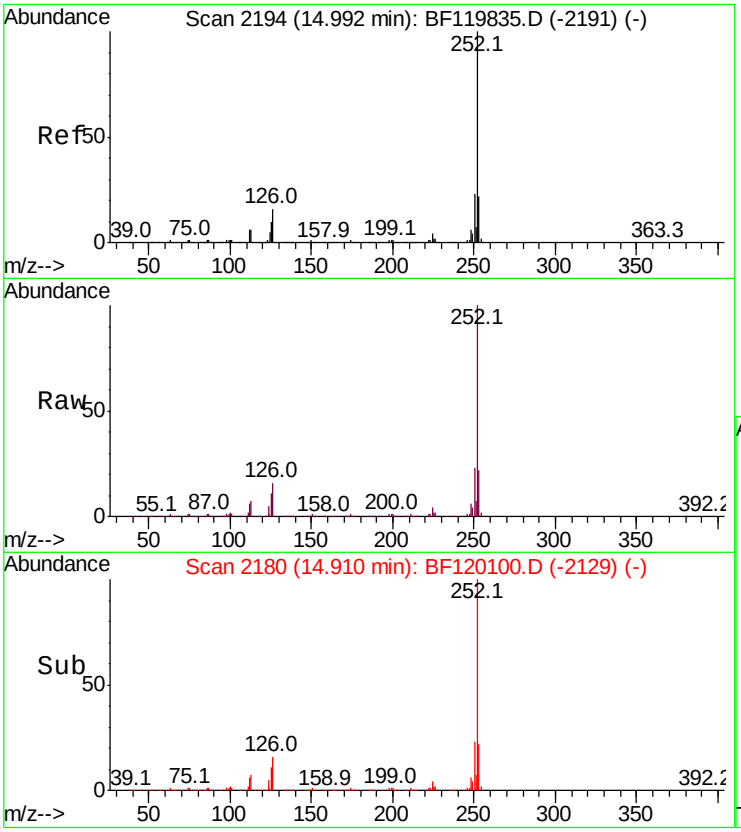


#88
Benzo(b)fluoranthene
Concen: 45.214 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:252 Resp: 987050

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.9	7.4	11.2



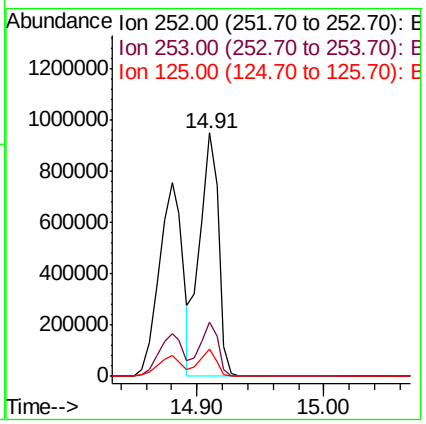


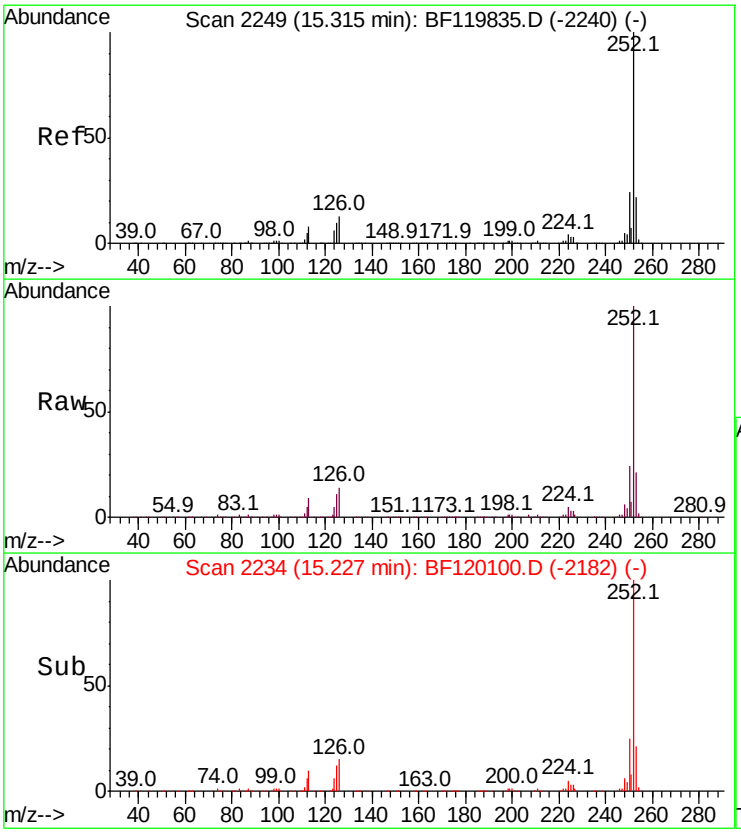
#89
Benzo(k)fluoranthene
Concen: 51.852 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

Tgt Ion:252 Resp: 976662

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	11.3	7.7	11.5

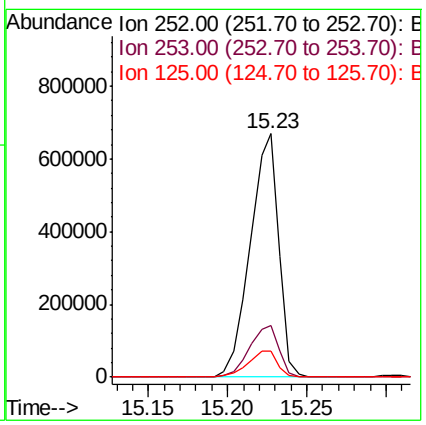


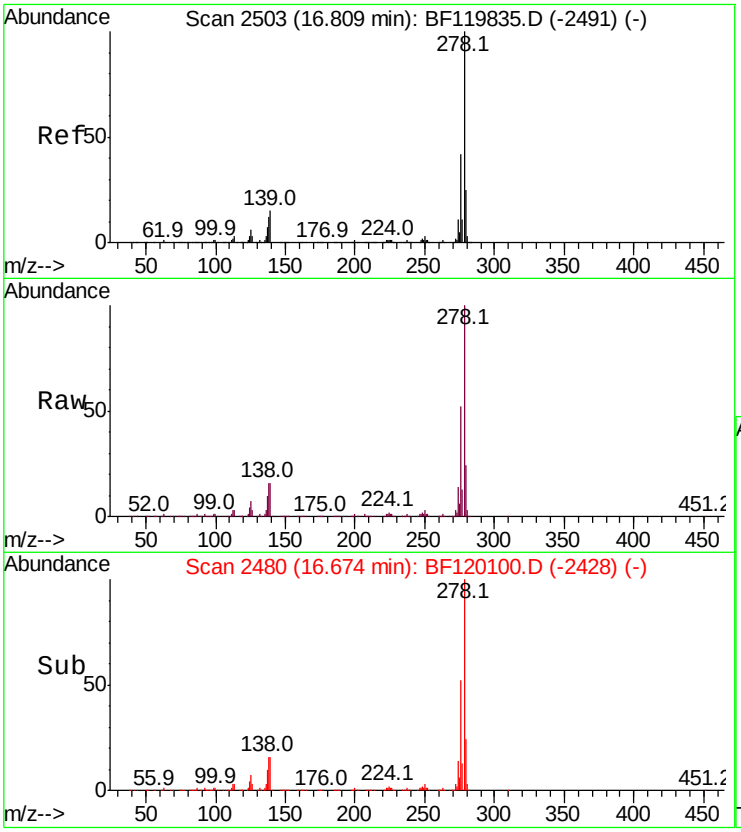


#90
Benzo(a)pyrene
Concen: 45.579 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:252 Resp: 836602

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	10.5	8.3	12.5



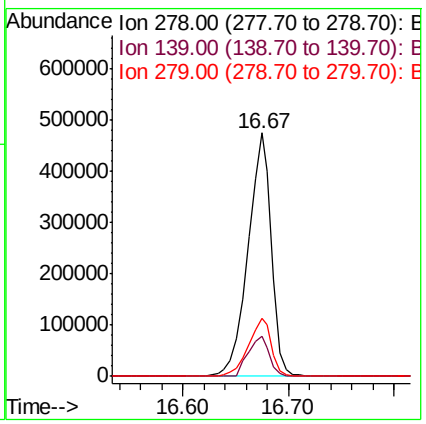


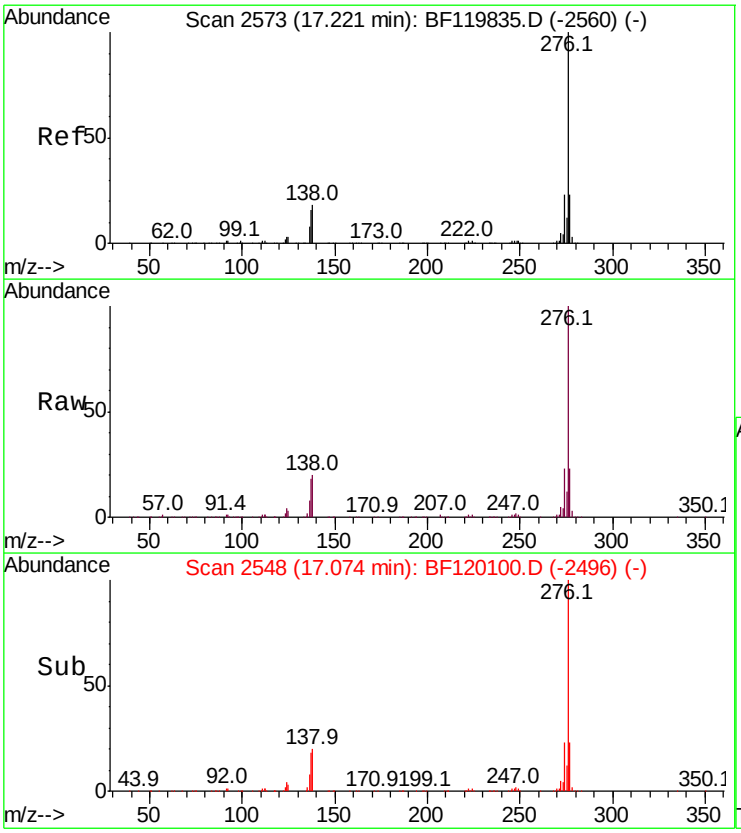
#91
Dibenzo(a,h)anthracene
Concen: 45.044 ng
RT: 16.67 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Instrument :
BNA_F
ClientSampleId :
PB128341BS

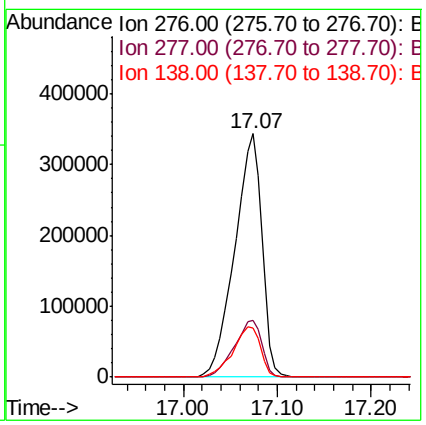
Tgt Ion:278 Resp: 732350

Ion	Ratio	Lower	Upper
278	100		
139	16.4	11.6	17.4
279	23.8	19.7	29.5





#92
Benzo(g,h,i)perylene
Concen: 42.971 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.01 min
Lab File: BF120100.D
Acq: 21 Apr 2020 13:57

Tgt Ion:276 Resp: 689636

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	20.4	14.6	22.0