

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121843.D
 Acq On : 6 Oct 2020 10:04
 Operator : JU/CG
 Sample : PB132042BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Quant Time: Oct 06 11:51:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139165	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	554397	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	301605	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	569401	20.00	ng	0.00
76) Chrysene-d12	13.93	240	457861	20.00	ng	0.00
86) Perylene-d12	15.36	264	392647	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	919402	98.18	ng	0.01
7) Phenol-d6	6.42	99	1210233	98.51	ng	0.00
23) Nitrobenzene-d5	7.34	82	1039040	100.63	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	378710	101.03	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1802713	90.52	ng	0.00
79) Terphenyl-d14	12.87	244	1711069	75.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	158689	36.886	ng	99
3) Pyridine	3.32	79	353743	29.743	ng	99
4) n-Nitrosodimethylamine	3.27	42	208154	37.732	ng	99
6) Aniline	6.43	93	409613	25.600	ng	# 65
8) 2-Chlorophenol	6.56	128	384757	40.356	ng	96
9) Benzaldehyde	6.32	77	210623	26.225	ng	98
10) Phenol	6.43	94	477221	36.478	ng	99
11) bis(2-Chloroethyl)ether	6.50	93	387600	39.310	ng	99
12) 1,3-Dichlorobenzene	6.70	146	405651	38.119	ng	99
13) 1,4-Dichlorobenzene	6.78	146	413333	38.682	ng	100
14) 1,2-Dichlorobenzene	6.93	146	371412	37.732	ng	97
15) Benzyl Alcohol	6.92	79	321042	38.447	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	599001	37.752	ng	66
17) 2-Methylphenol	7.03	107	327199	40.334	ng	# 94
18) Hexachloroethane	7.27	117	153381	40.089	ng	98
19) n-Nitroso-di-n-propylamine	7.19	70	280139	39.565	ng	99
20) 3+4-Methylphenols	7.19	107	391974	40.216	ng	# 81
22) Acetophenone	7.18	105	530844	37.739	ng	96
24) Nitrobenzene	7.35	77	426761	38.214	ng	99
25) Isophorone	7.59	82	785088	37.771	ng	100
26) 2-Nitrophenol	7.67	139	210420	40.449	ng	98
27) 2,4-Dimethylphenol	7.71	122	346948	37.394	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	495316	38.493	ng	99
29) 2,4-Dichlorophenol	7.92	162	332270	39.319	ng	96
30) 1,2,4-Trichlorobenzene	7.99	180	339960	38.197	ng	100
31) Naphthalene	8.07	128	1110350	37.940	ng	99
32) Benzoic acid	7.86	122	170979	28.066	ng	99
33) 4-Chloroaniline	8.12	127	355674	28.037	ng	99
34) Hexachlorobutadiene	8.19	225	202585	38.779	ng	99
35) Caprolactam	8.51	113	73681	26.182	ng	98
36) 4-Chloro-3-methylphenol	8.62	107	359052	39.441	ng	100
37) 2-Methylnaphthalene	8.76	142	741624	38.669	ng	99
38) 1-Methylnaphthalene	8.86	142	692182	38.779	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	350617	37.216	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121843.D
 Acq On : 6 Oct 2020 10:04
 Operator : JU/CG
 Sample : PB132042BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Quant Time: Oct 06 11:51:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

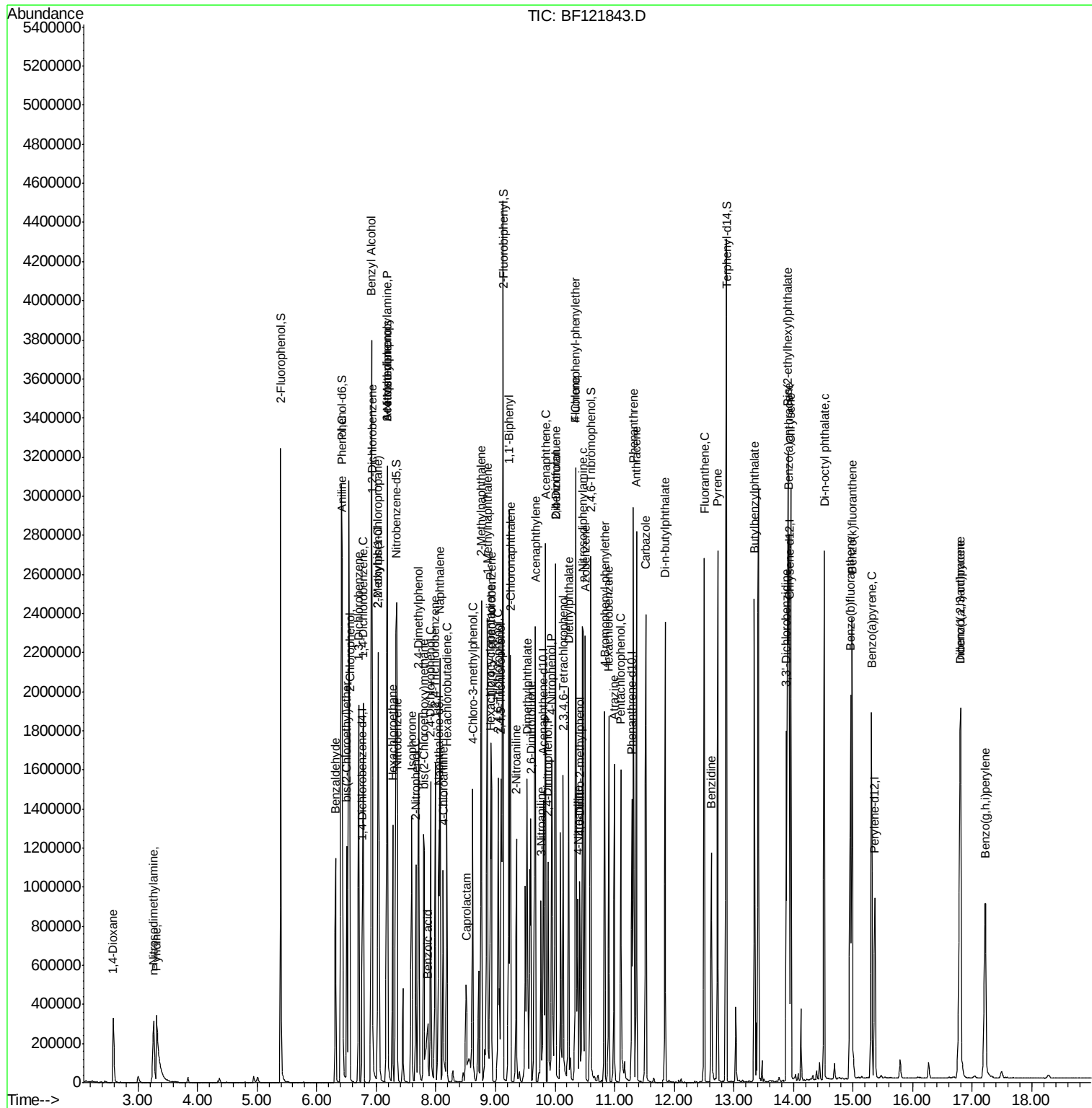
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	213242	39.635	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	230385	35.877	nq	99
44) 2,4,5-Trichlorophenol	9.09	196	242306	35.693	nq	97
46) 1,1'-Biphenyl	9.23	154	893347	36.999	nq	100
47) 2-Chloronaphthalene	9.25	162	681932	35.840	nq	100
48) 2-Nitroaniline	9.35	65	243676	41.212	nq	98
49) Acenaphthylene	9.67	152	1087827	37.210	nq	100
50) Dimethylphthalate	9.53	163	834882	38.192	nq	99
51) 2,6-Dinitrotoluene	9.60	165	184062	39.537	nq	87
52) Acenaphthene	9.84	154	628654	34.046	nq	100
53) 3-Nitroaniline	9.76	138	148785	27.588	nq	100
54) 2,4-Dinitrophenol	9.89	184	175593	67.047	nq	96
55) Dibenzofuran	10.01	168	932284	35.852	nq	98
56) 4-Nitrophenol	9.95	139	236358	54.955	nq	86
57) 2,4-Dinitrotoluene	10.00	165	232235	39.652	nq	93
58) Fluorene	10.35	166	730459	36.733	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	205510	37.237	nq	98
60) Diethylphthalate	10.23	149	817647	38.364	nq	99
61) 4-Chlorophenyl-phenylether	10.35	204	367553	38.585	nq	99
62) 4-Nitroaniline	10.39	138	199309	37.221	nq	99
63) Azobenzene	10.50	77	843846	37.180	nq	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	131724	39.170	nq	94
66) n-Nitrosodiphenylamine	10.47	169	712060	36.451	nq	100
67) 4-Bromophenyl-phenylether	10.83	248	244114	37.655	nq	99
68) Hexachlorobenzene	10.90	284	272481	37.244	nq	94
69) Atrazine	10.99	200	208054	42.869	nq	99
70) Pentachlorophenol	11.10	266	228523	56.876	nq	99
71) Phenanthrene	11.32	178	1100795	35.483	nq	99
72) Anthracene	11.37	178	1141746	35.663	nq	100
73) Carbazole	11.52	167	1046297	36.216	nq	100
74) Di-n-butylphthalate	11.85	149	1256251	37.675	nq	99
75) Fluoranthene	12.50	202	1214914	36.685	nq	97
77) Benzidine	12.62	184	462581	30.475	nq	100
78) Pyrene	12.73	202	1228126	36.712	nq	99
80) Butylbenzylphthalate	13.35	149	544914	40.276	nq	99
81) Benzo(a)anthracene	13.92	228	1113109	38.427	nq	99
82) 3,3'-Dichlorobenzidine	13.88	252	340319	30.094	nq	98
83) Chrysene	13.96	228	1061824	36.200	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	750923	41.547	nq	# 98
85) Di-n-octyl phthalate	14.52	149	1280424	40.142	nq	100
87) Indeno(1,2,3-cd)pyrene	16.80	276	995150	38.918	nq	100
88) Benzo(b)fluoranthene	14.96	252	1082537	41.241	nq	99
89) Benzo(k)fluoranthene	14.99	252	972799	40.471	nq	99
90) Benzo(a)pyrene	15.31	252	925920	41.498	nq	99
91) Dibenzo(a,h)anthracene	16.80	278	835176	39.237	nq	100
92) Benzo(g,h,i)perylene	17.22	276	818759	39.132	nq	98

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
Data File : BF121843.D
Acq On : 6 Oct 2020 10:04
Operator : JU/CG
Sample : PB132042BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Quant Time: Oct 06 11:51:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration



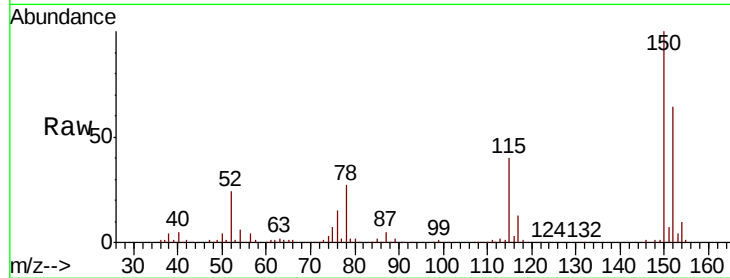


#1

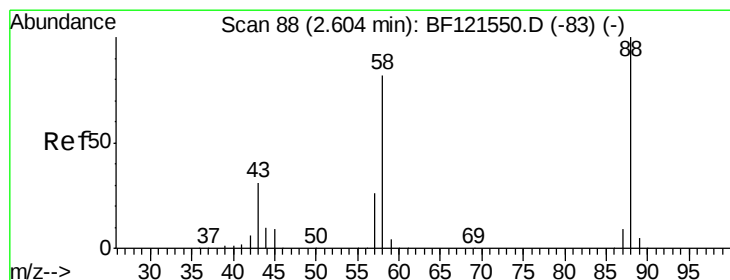
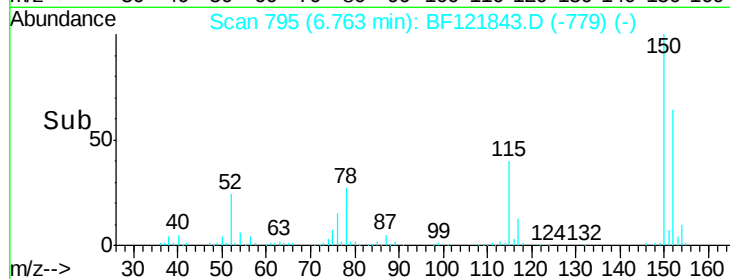
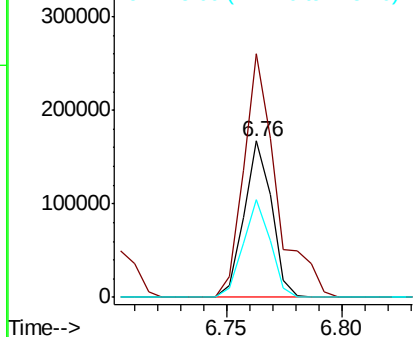
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:152 Resp: 139165
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 62.8 51.9 77.9



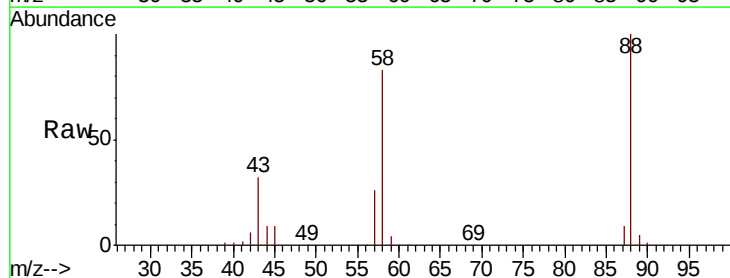
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



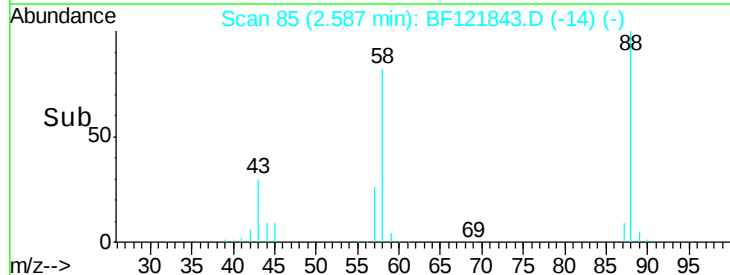
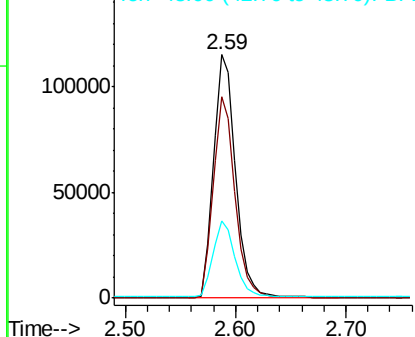
#2

1,4-Dioxane
Concen: 36.886 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.12 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion: 88 Resp: 158689
Ion Ratio Lower Upper
88 100
58 81.7 65.8 98.8
43 30.6 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

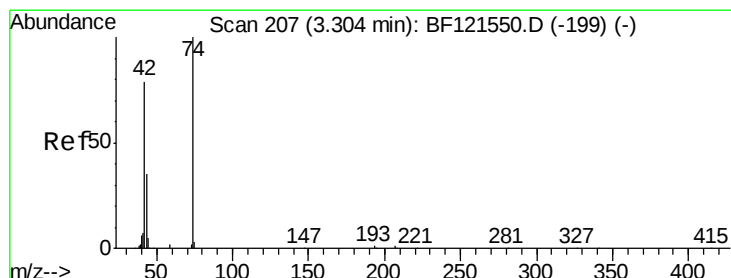
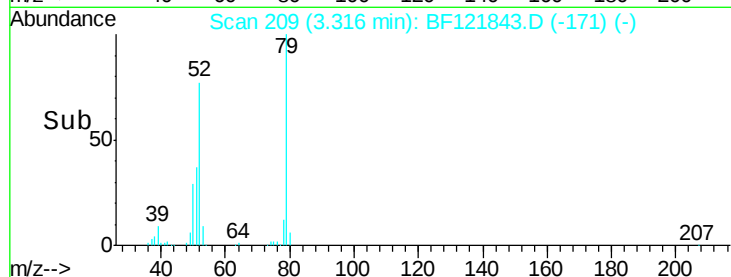
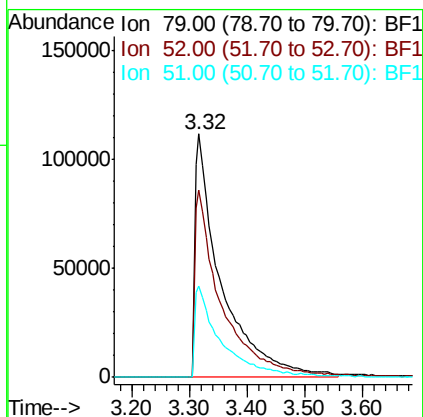
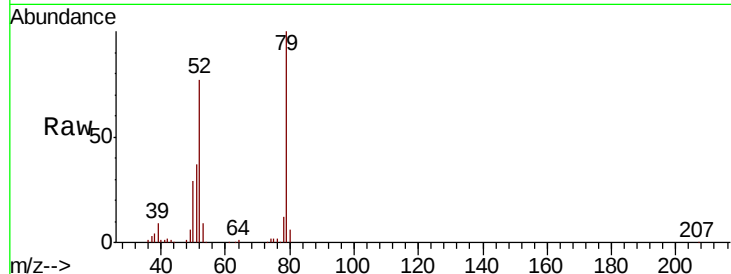




#3
 Pvrindine
 Concen: 29.743 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.12 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

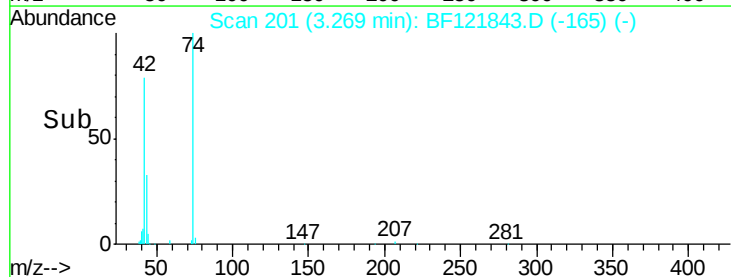
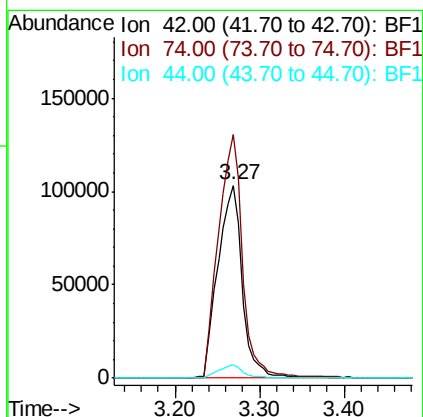
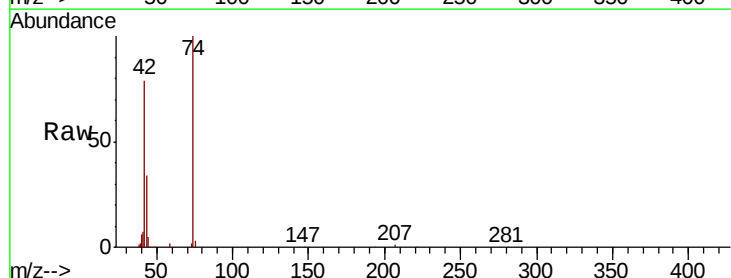
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion: 79 Resp: 353743
 Ion Ratio Lower Upper
 79 100
 52 77.1 62.2 93.4
 51 37.3 31.1 46.7



#4
 n-Nitrosodimethylamine
 Concen: 37.732 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.11 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion: 42 Resp: 208154
 Ion Ratio Lower Upper
 42 100
 74 126.3 100.2 150.2
 44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 98.182 ng

RT: 5.40 min Scan# 563

Delta R.T. 0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

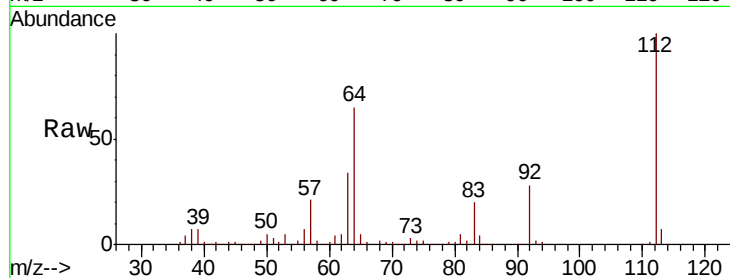
Tot Ion:112 Resp: 919402

Ion Ratio Lower Upper

112 100

64 65.2 50.4 75.6

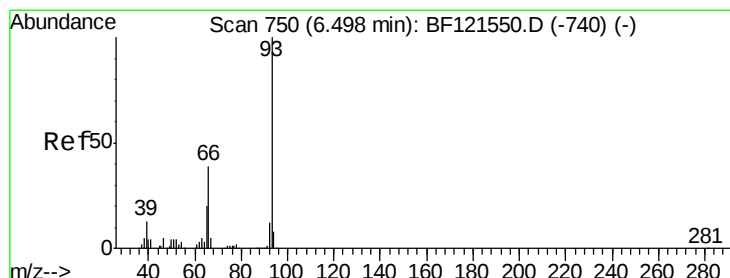
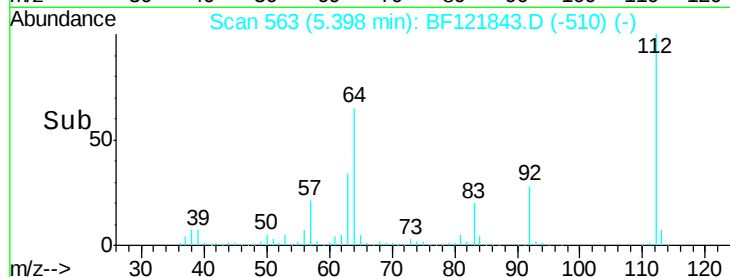
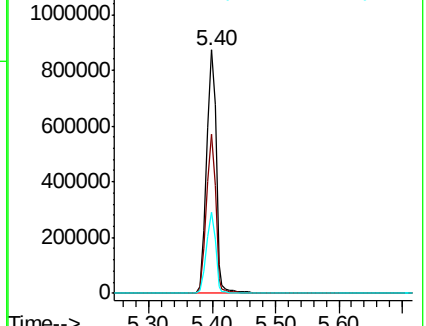
63 33.5 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.600 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

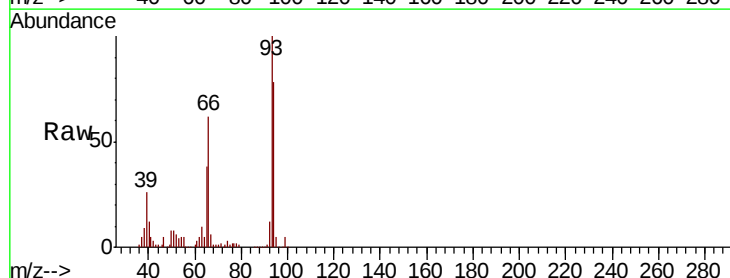
Tgt Ion: 93 Resp: 409613

Ion Ratio Lower Upper

93 100

66 62.1 32.7 49.1#

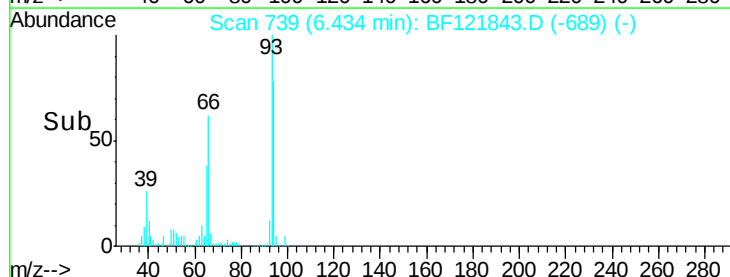
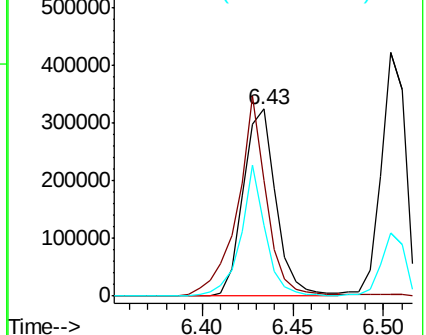
65 37.7 16.6 24.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.510 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

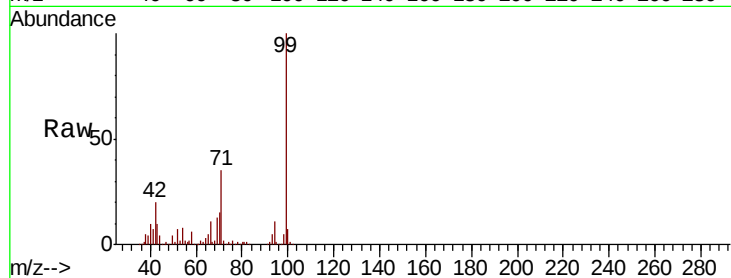
Tot Ion: 99 Resp: 1210233

Ion Ratio Lower Upper

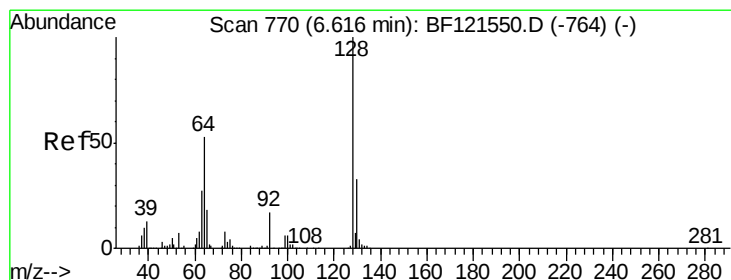
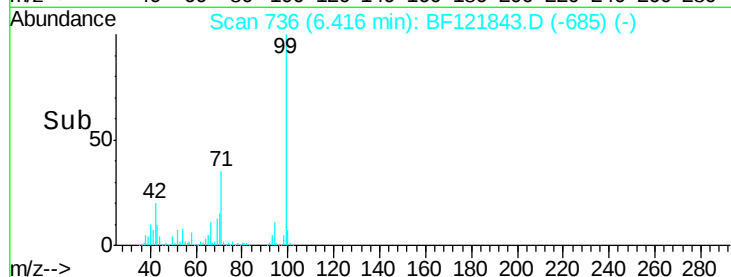
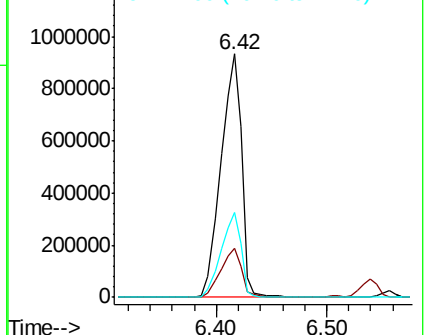
99 100

42 20.3 15.9 23.9

71 35.0 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.356 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

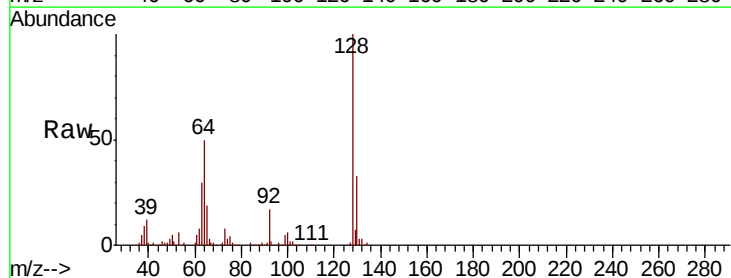
Tgt Ion: 128 Resp: 384757

Ion Ratio Lower Upper

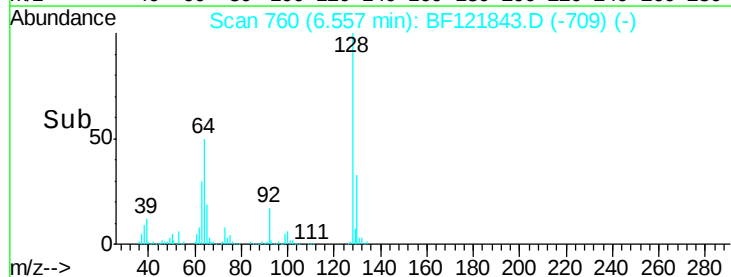
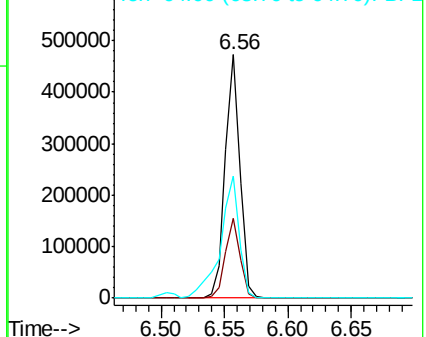
128 100

130 32.7 12.4 52.4

64 50.3 34.8 74.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.225 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

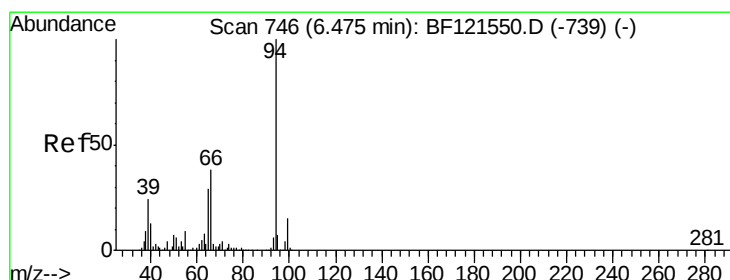
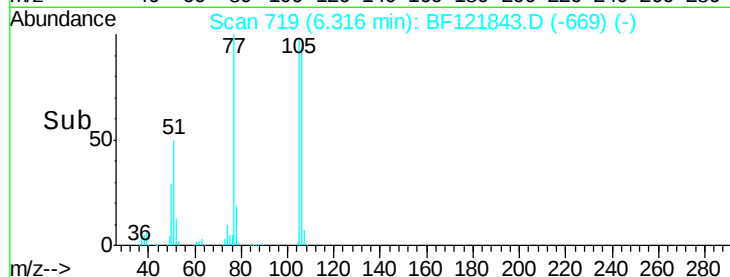
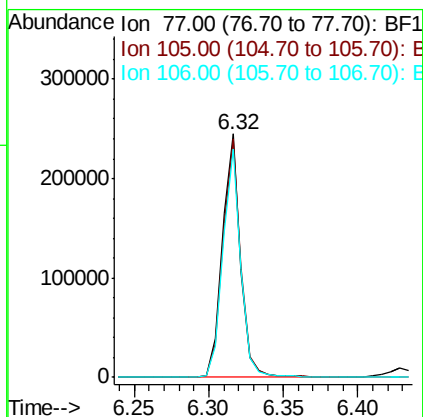
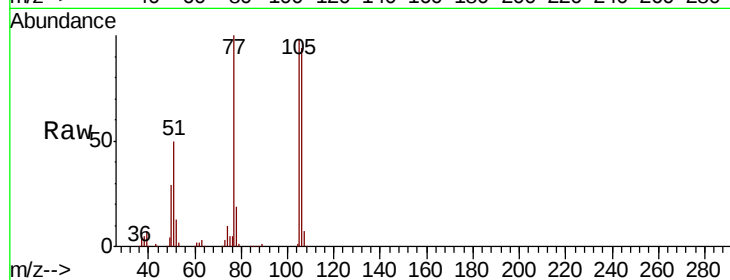
Tot Ion: 77 Resp: 210623

Ion Ratio Lower Upper

77 100

105 98.1 76.7 116.7

106 93.9 71.3 111.3



#10

Phenol

Concen: 36.478 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

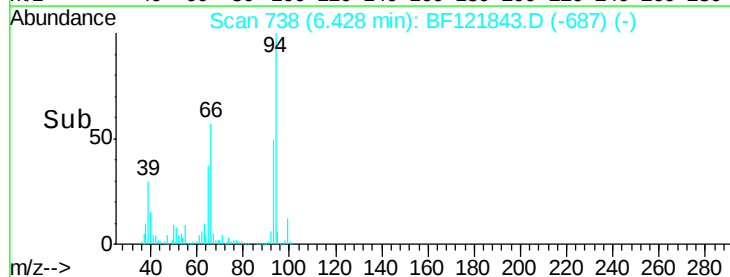
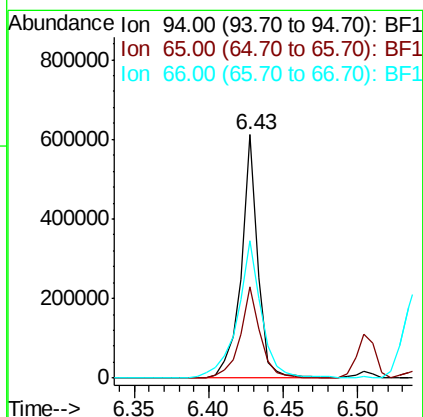
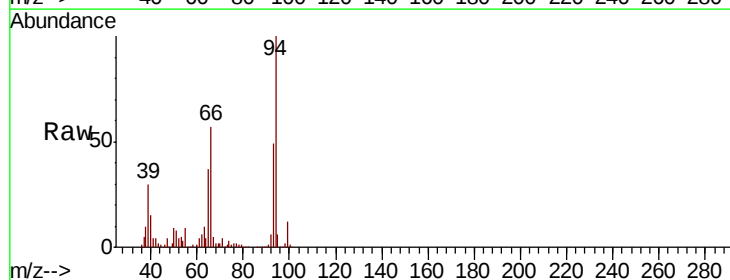
Tgt Ion: 94 Resp: 477221

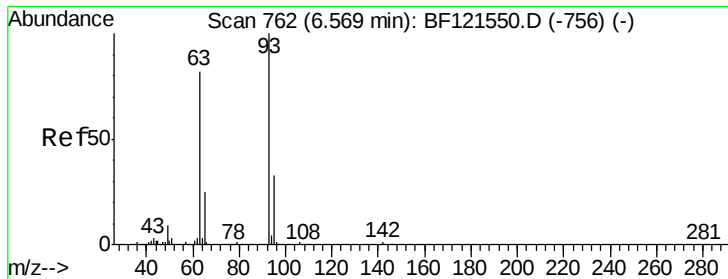
Ion Ratio Lower Upper

94 100

65 37.3 17.1 57.1

66 56.6 36.0 76.0





#11

bis(2-Chloroethyl)ether

Concen: 39.310 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

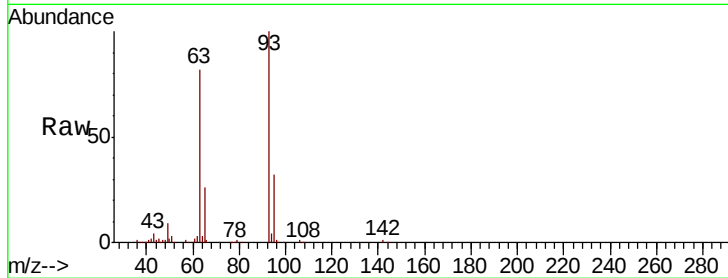
Tot Ion: 93 Resp: 387600

Ion Ratio Lower Upper

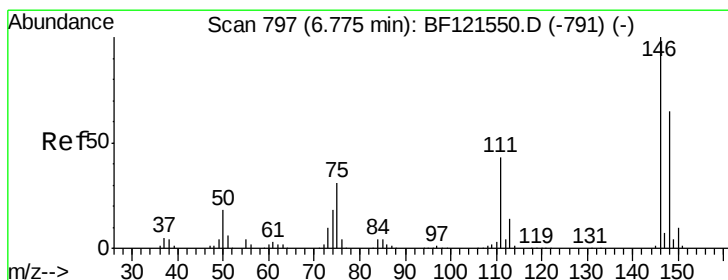
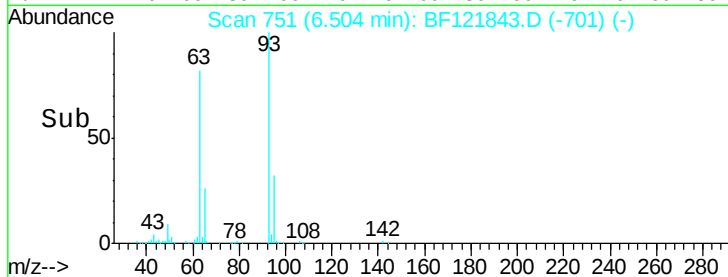
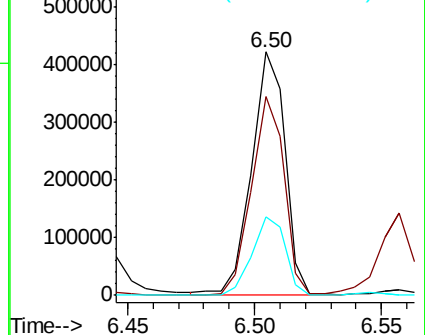
93 100

63 81.7 62.4 102.4

95 32.2 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 38.119 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

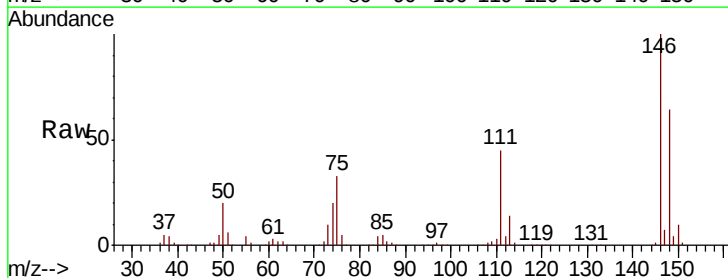
Tgt Ion: 146 Resp: 405651

Ion Ratio Lower Upper

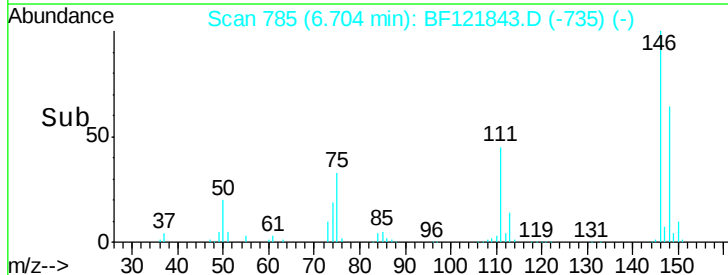
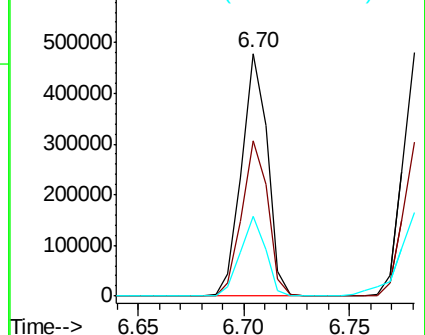
146 100

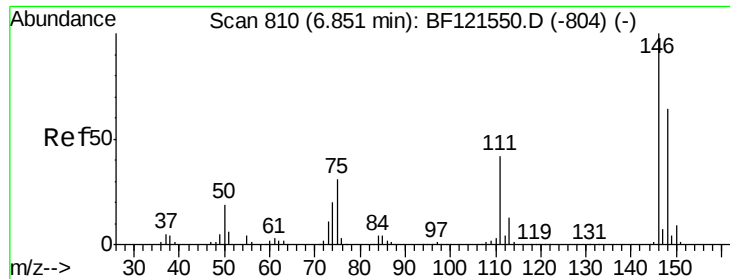
148 64.0 51.0 76.4

75 32.8 27.6 41.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

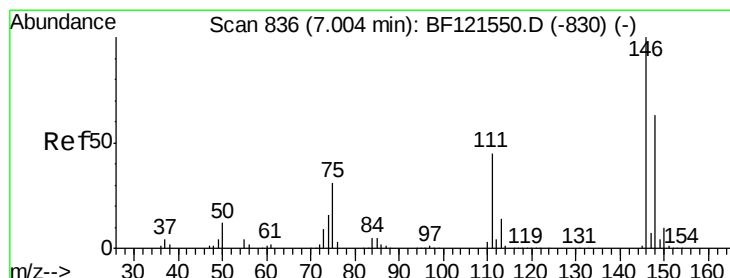
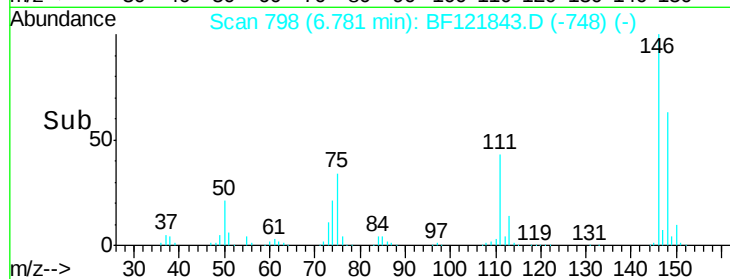
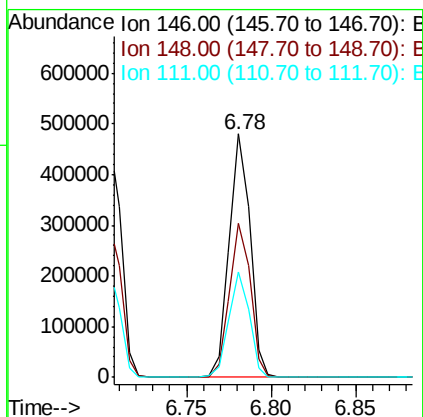
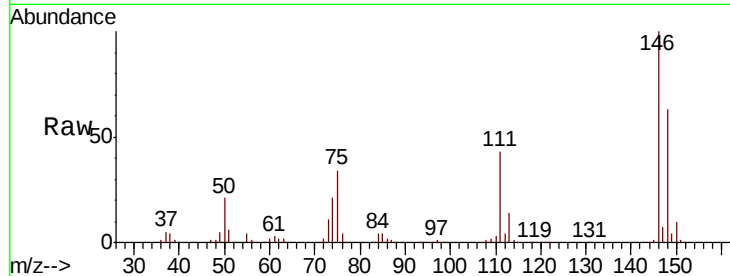




#13
 1,4-Dichlorobenzene
 Concen: 38.682 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

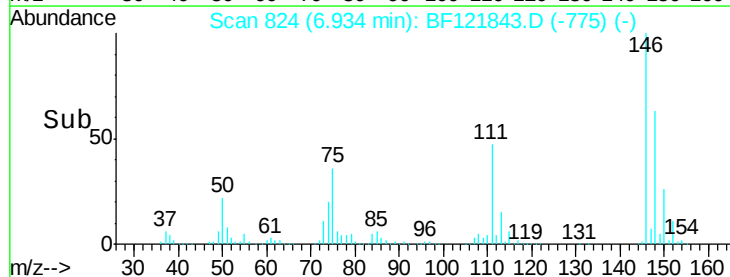
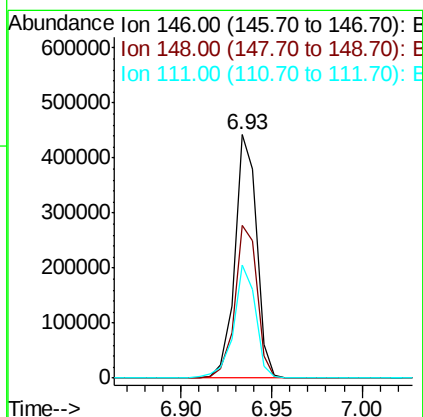
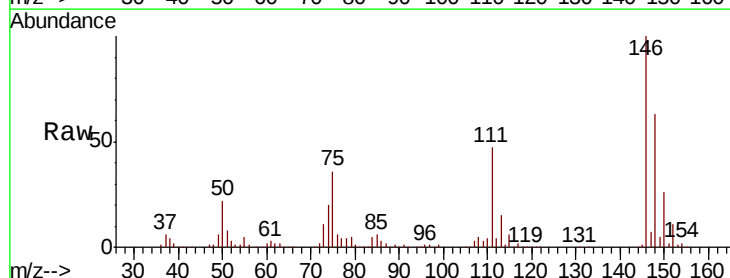
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

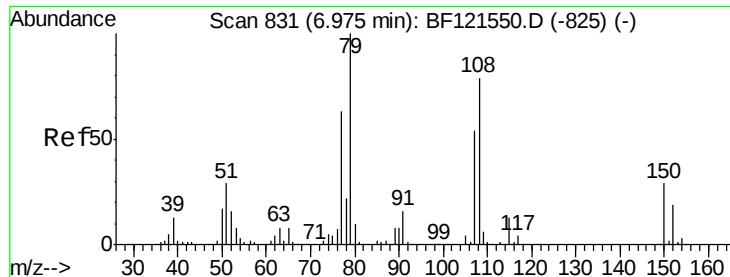
Tot Ion:146 Resp: 413333
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.1 75.1
 111 43.2 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 37.732 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:146 Resp: 371412
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.1 76.7
 111 46.6 34.2 51.4

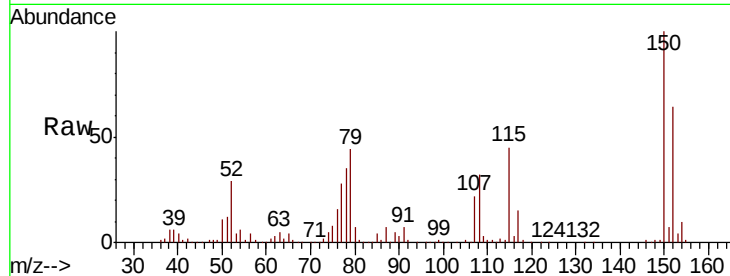




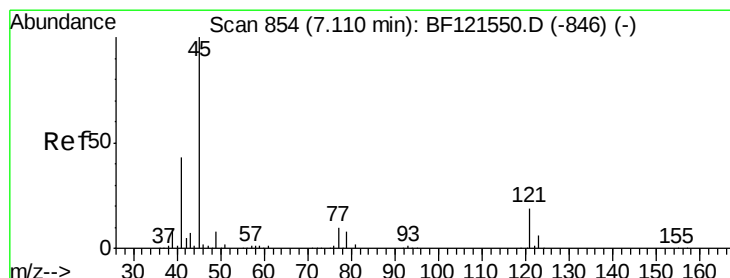
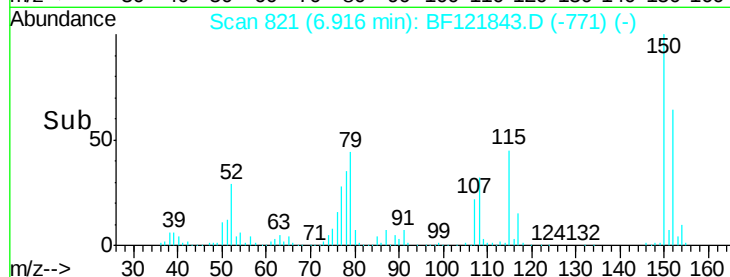
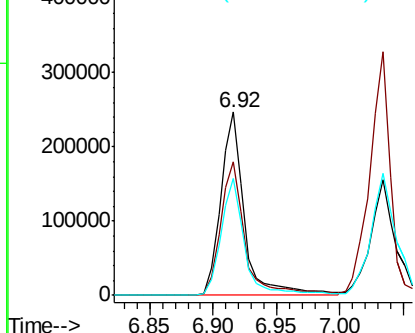
#15
Benzyl Alcohol
Concen: 38.447 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion: 79 Resp: 321042
Ion Ratio Lower Upper
79 100
108 72.9 62.3 93.5
77 64.0 50.6 75.8

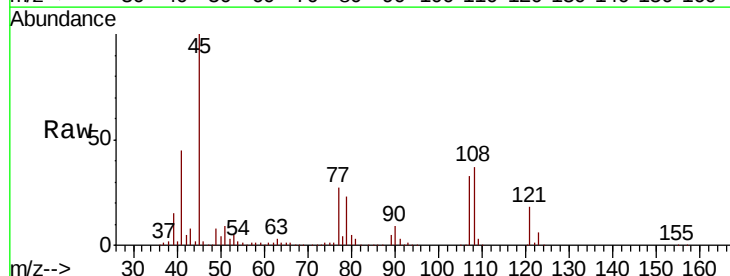


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

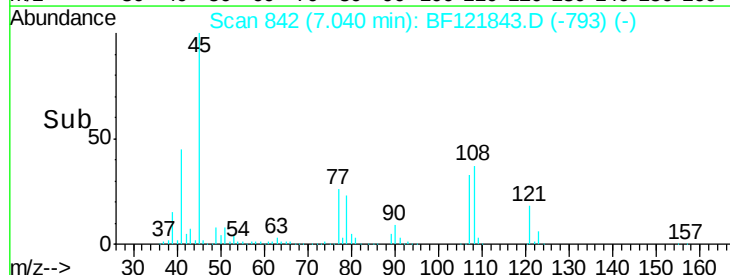
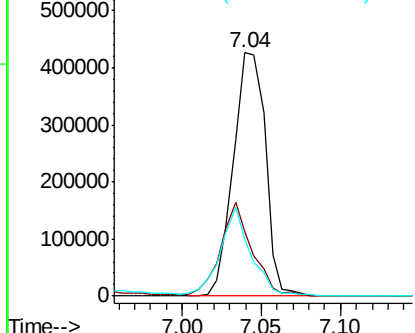


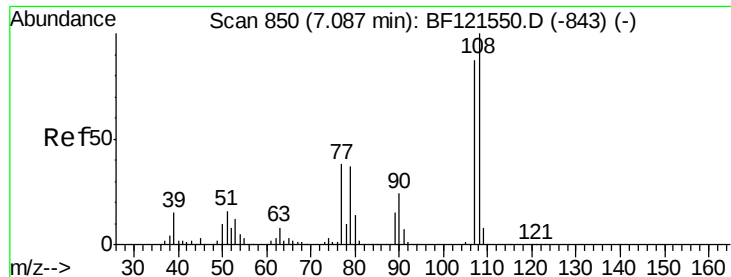
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.752 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion: 45 Resp: 599001
Ion Ratio Lower Upper
45 100
77 26.5 0.0 33.3
79 23.2 0.0 30.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

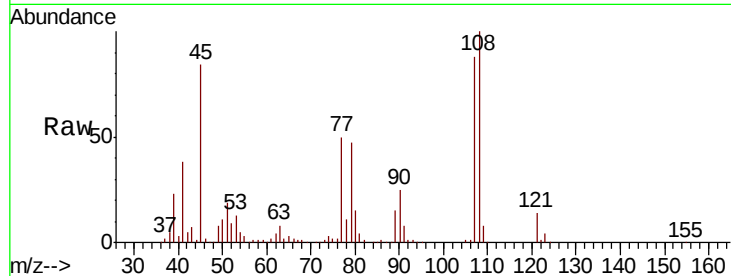




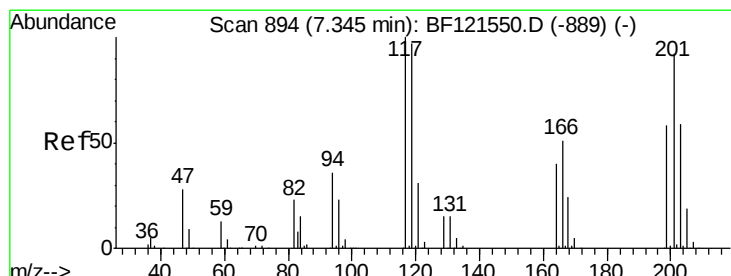
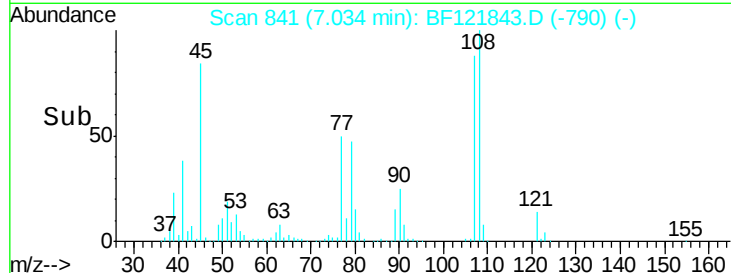
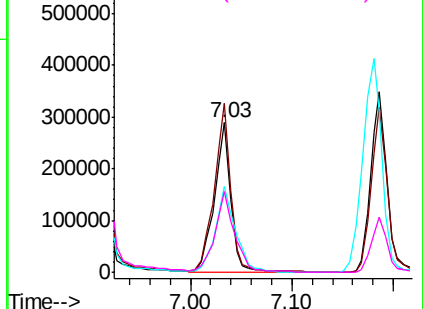
#17
2-Methylphenol
Concen: 40.334 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:107 Resp: 327199
Ion Ratio Lower Upper
107 100
108 113.7 90.9 136.3
77 57.2 37.5 56.3#
79 53.7 37.4 56.0

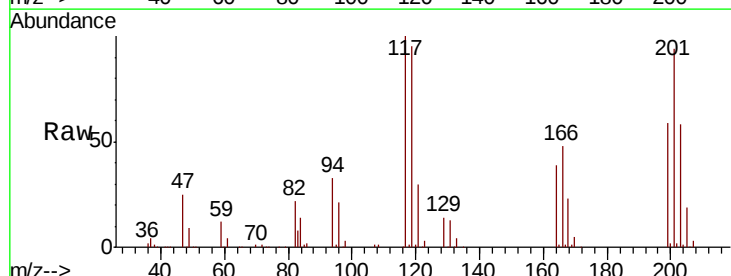


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

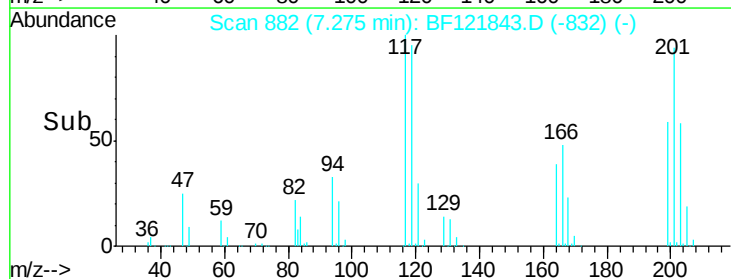
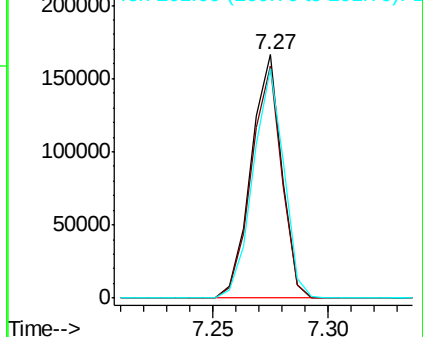


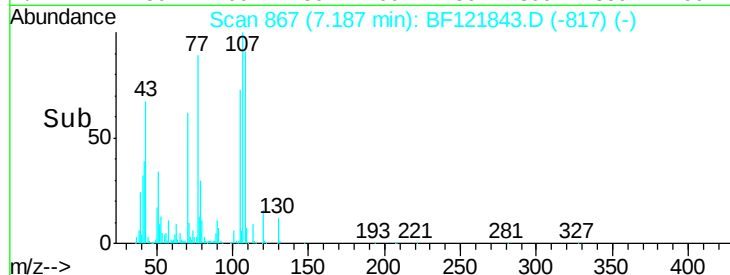
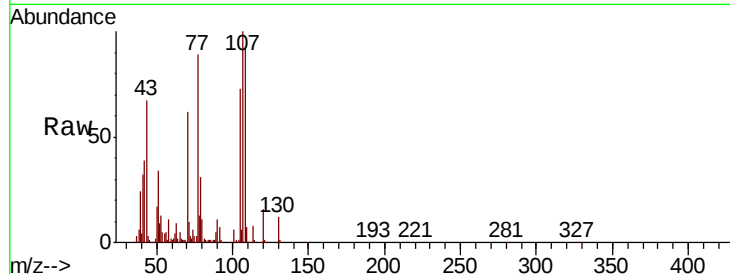
#18
Hexachloroethane
Concen: 40.089 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:117 Resp: 153381
Ion Ratio Lower Upper
117 100
119 95.3 76.3 114.5
201 94.3 71.8 107.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

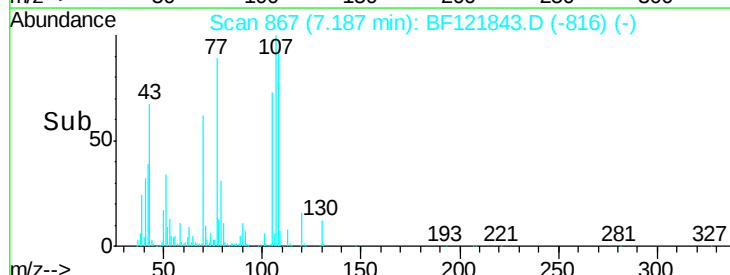
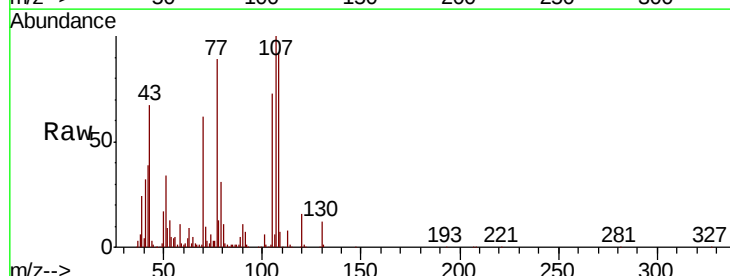
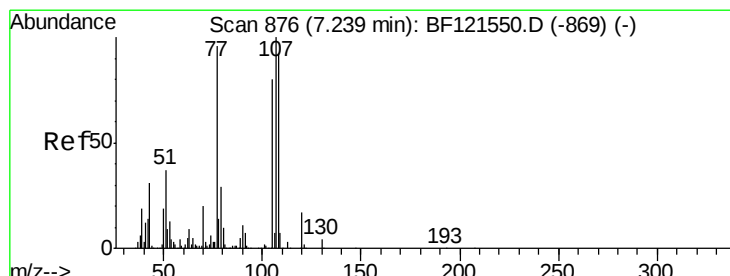
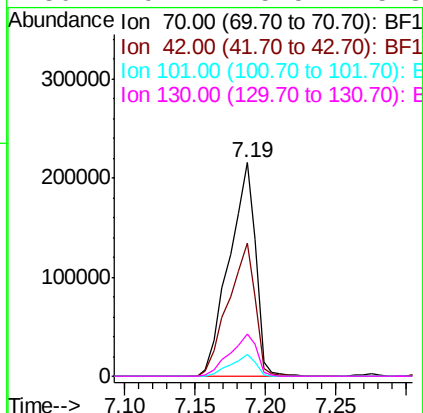




#19
n-Nitroso-di-n-propylamine
Concen: 39.565 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

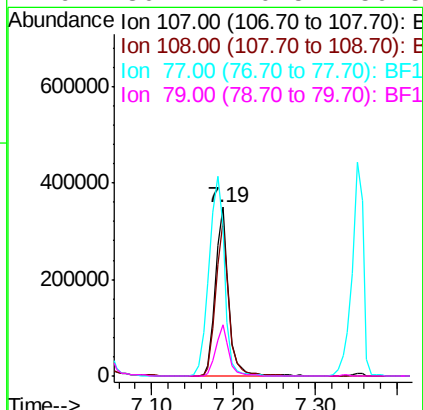
Instrument :
BNA_F
ClientSampleId :
PB132042BS

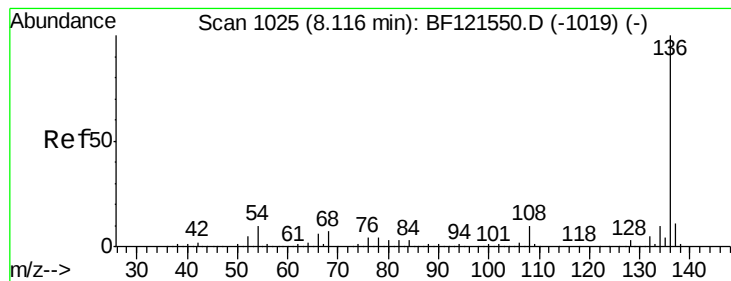
Tot Ion:	70	Resp:	280139
Ion	Ratio	Lower	Upper
70	100		
42	62.5	50.2	75.4
101	9.9	7.5	11.3
130	19.7	15.5	23.3



#20
3+4-Methylphenols
Concen: 40.216 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:	107	Resp:	391974
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.9	108.9
77	88.9	108.0	148.0#
79	30.7	10.5	50.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

Tot Ion:136 Resp: 554397

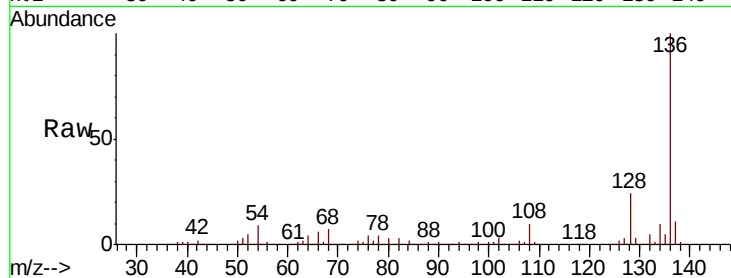
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.9 7.1 10.7

68 6.5 5.0 7.4

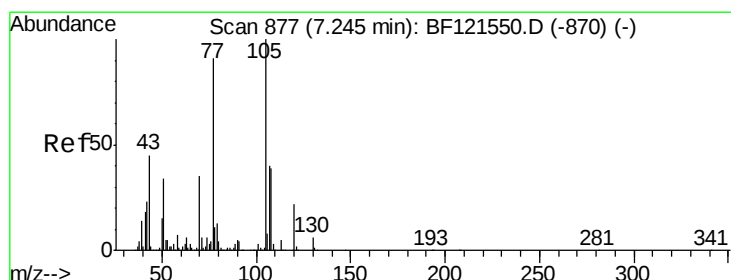
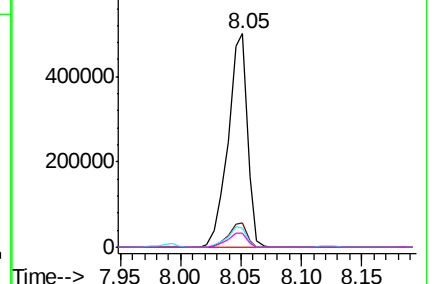
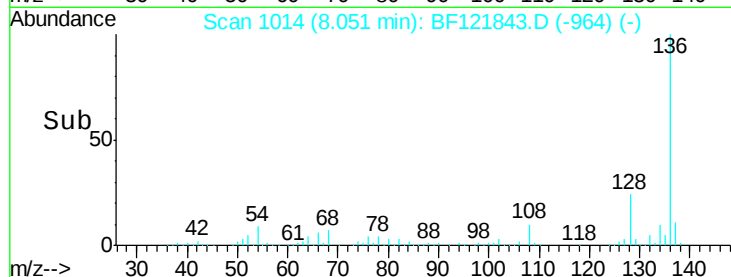


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.739 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:105 Resp: 530844

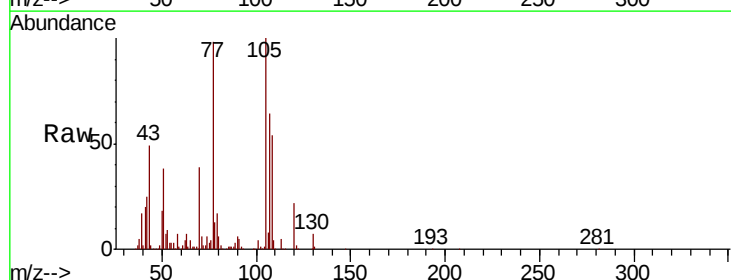
Ion Ratio Lower Upper

105 100

71 6.4 5.3 7.9

51 37.8 33.2 49.8

120 21.6 17.4 26.0

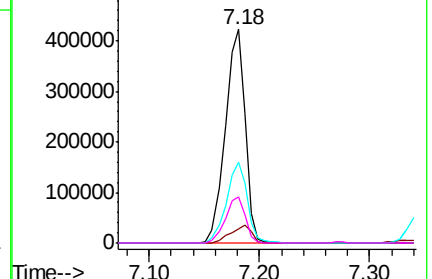
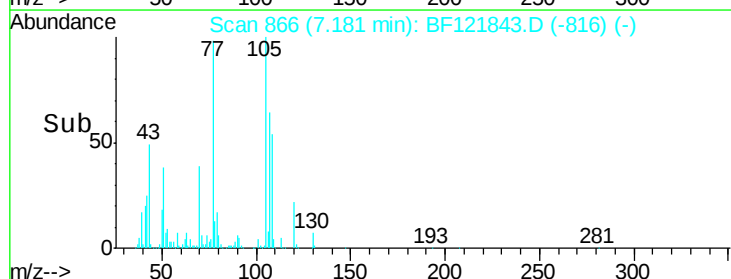


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

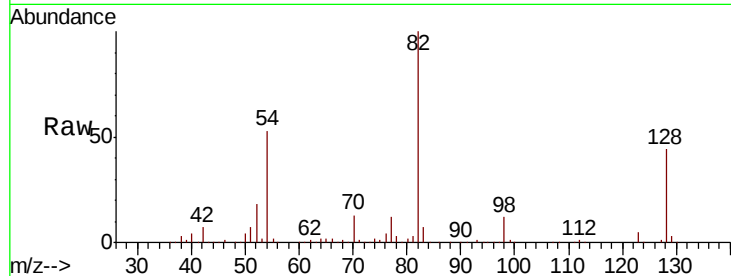




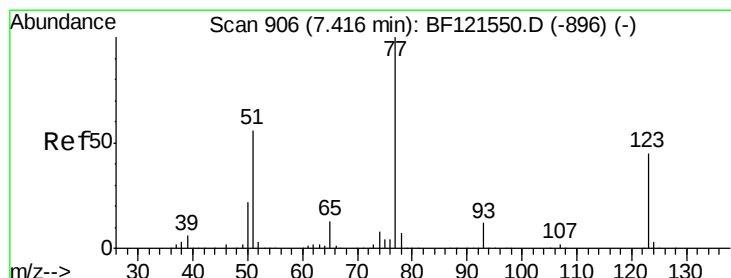
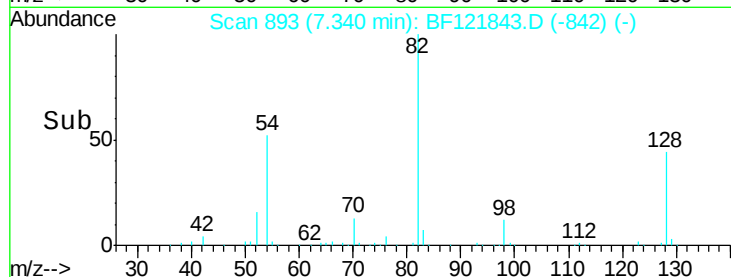
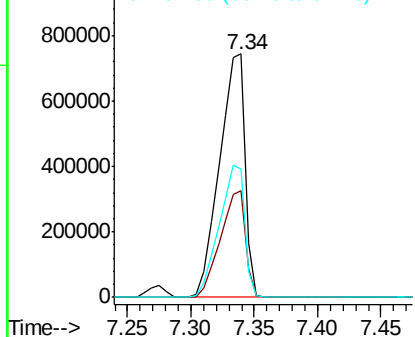
#23
Nitrobenzene-d5
Concen: 100.628 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion: 82 Resp: 1039040
Ion Ratio Lower Upper
82 100
128 44.0 35.0 52.4
54 52.7 43.9 65.9

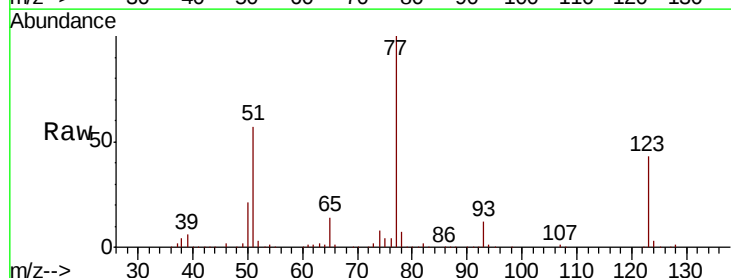


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

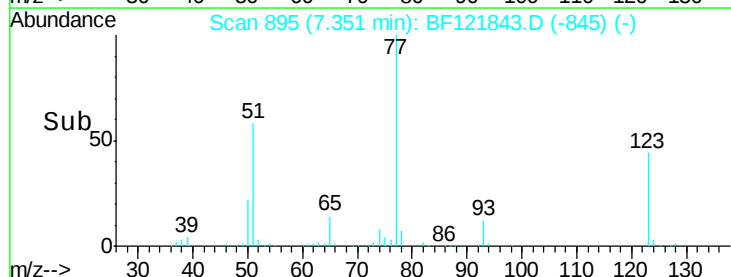
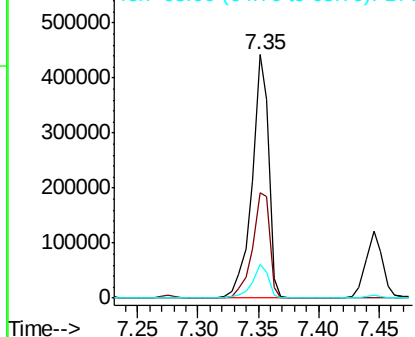


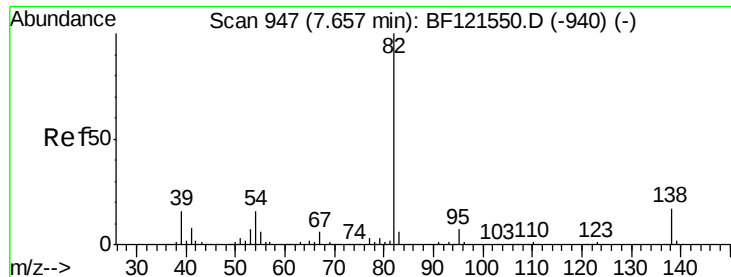
#24
Nitrobenzene
Concen: 38.214 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion: 77 Resp: 426761
Ion Ratio Lower Upper
77 100
123 43.5 35.6 53.4
65 13.9 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

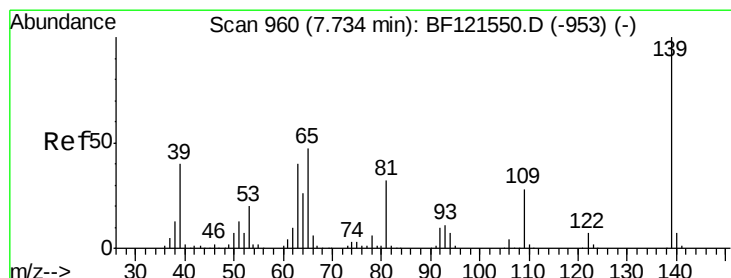
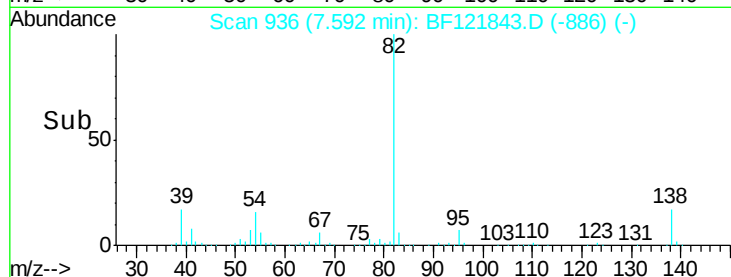
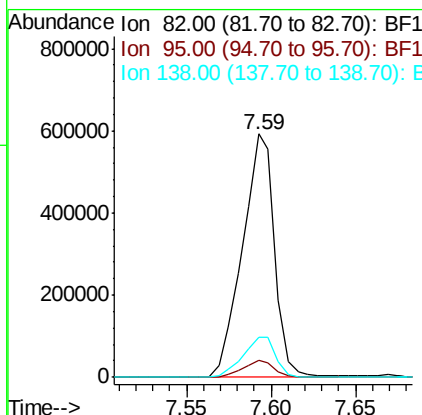
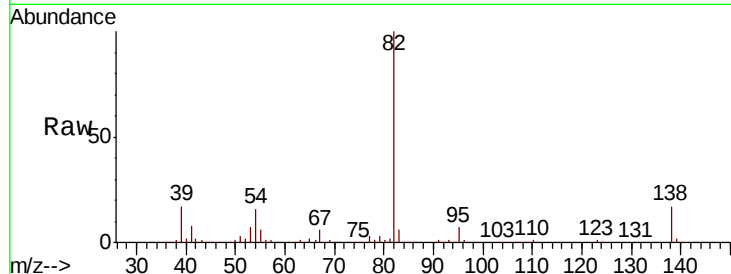




#25
Isophorone
Concen: 37.771 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

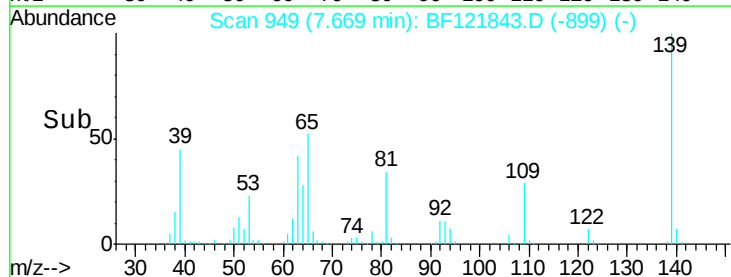
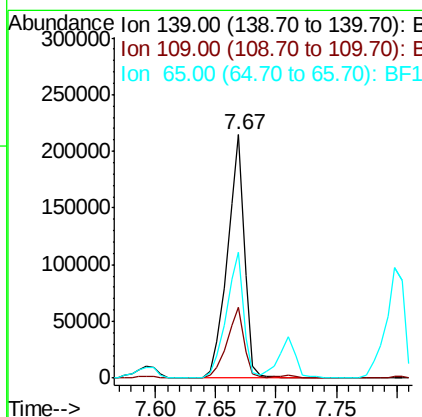
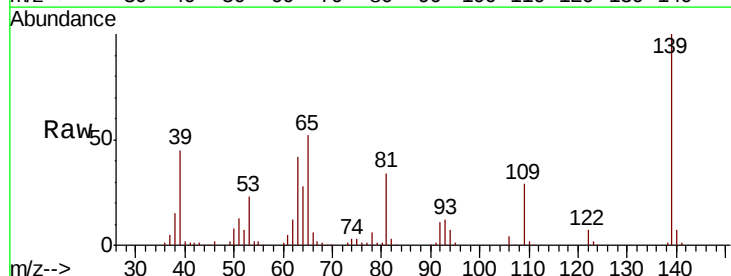
Instrument :
BNA_F
ClientSampleId :
PB132042BS

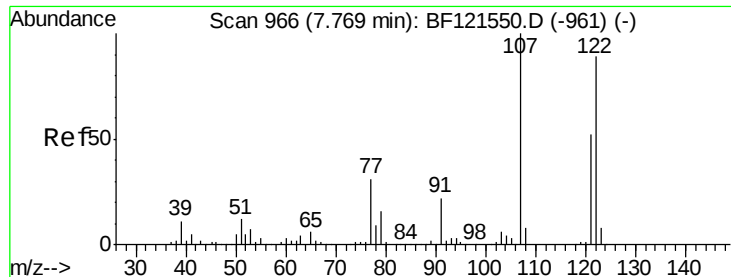
Tot Ion: 82 Resp: 785088
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.6 13.4 20.0



#26
2-Nitrophenol
Concen: 40.449 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion: 139 Resp: 210420
Ion Ratio Lower Upper
139 100
109 29.2 23.0 34.4
65 51.7 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 37.394 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

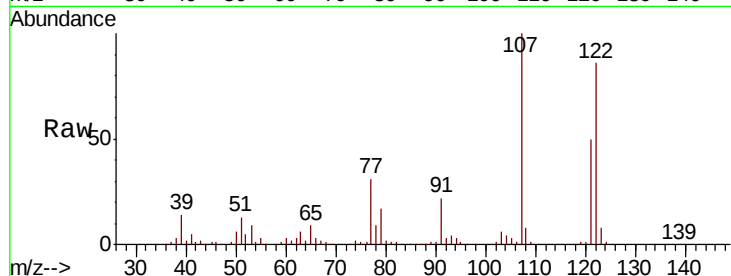
Tot Ion:122 Resp: 346948

Ion Ratio Lower Upper

122 100

107 116.9 90.8 136.2

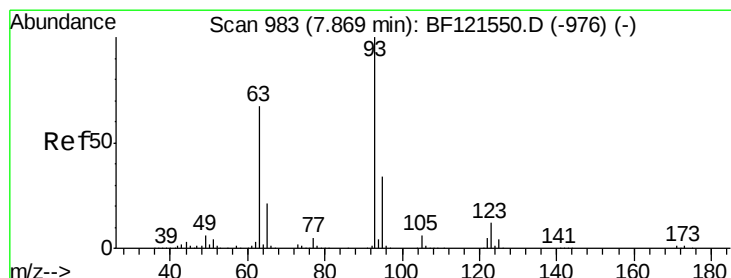
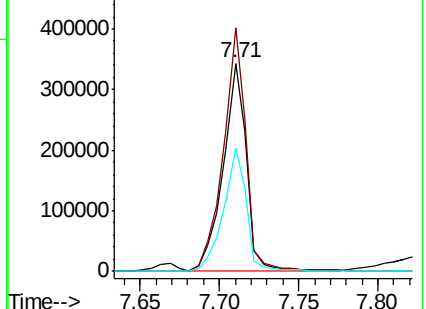
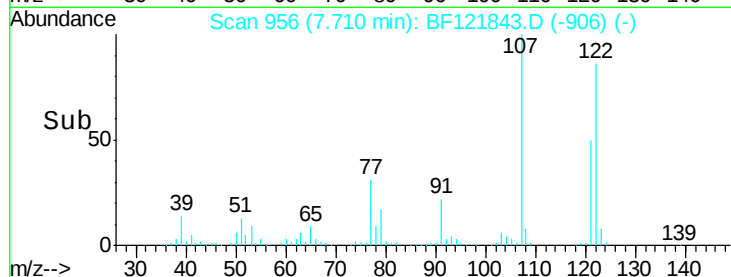
121 59.0 47.5 71.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.493 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

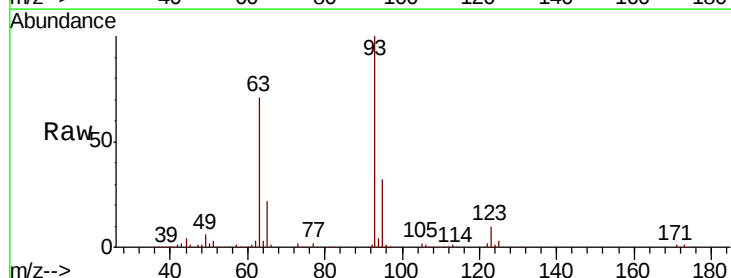
Tgt Ion: 93 Resp: 495316

Ion Ratio Lower Upper

93 100

95 32.2 26.2 39.4

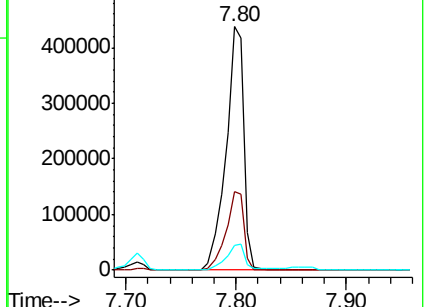
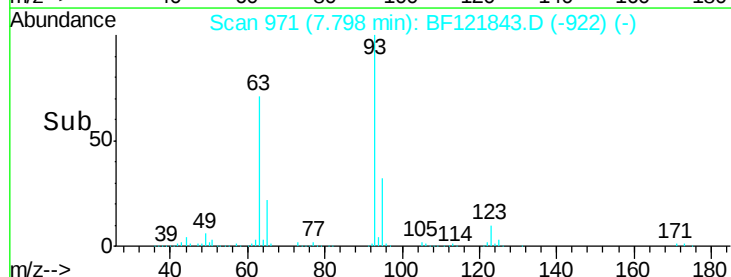
123 10.3 8.8 13.2

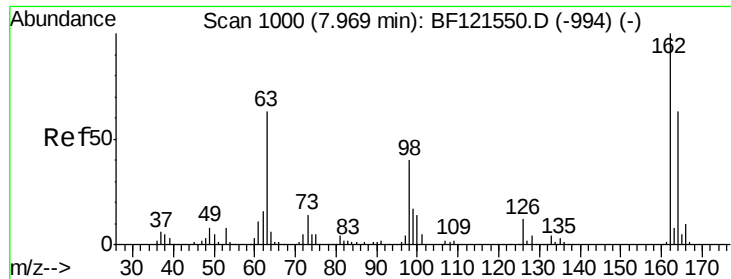


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

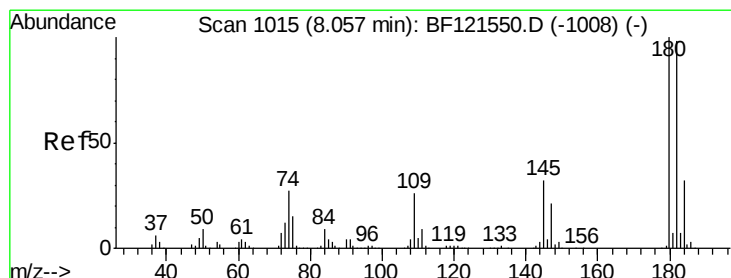
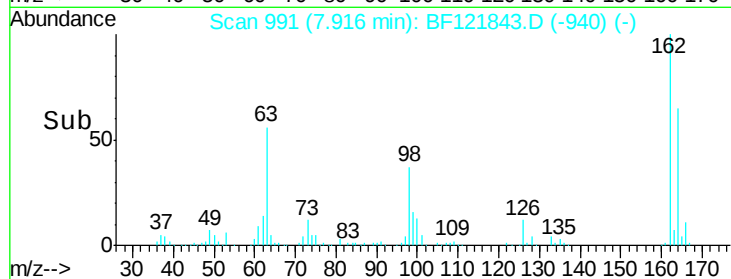
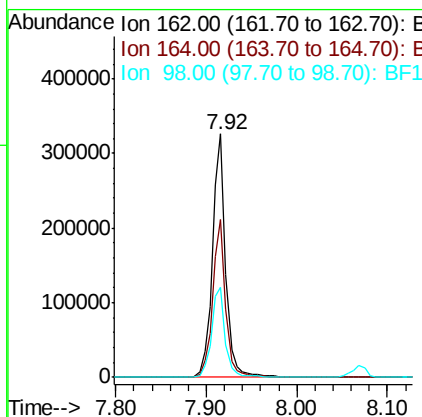
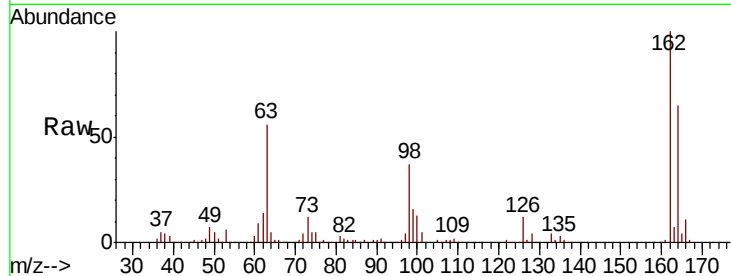




#29
 2,4-Dichlorophenol
 Concen: 39.319 ng
 RT: 7.92 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

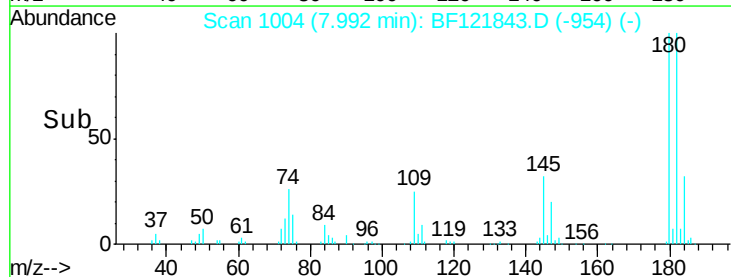
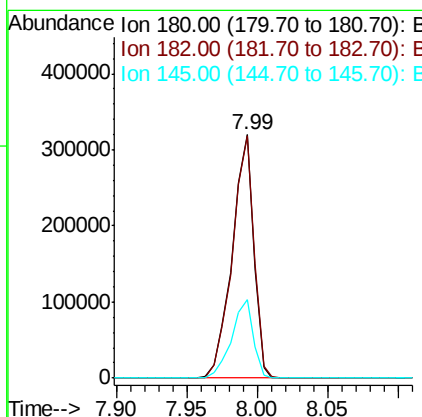
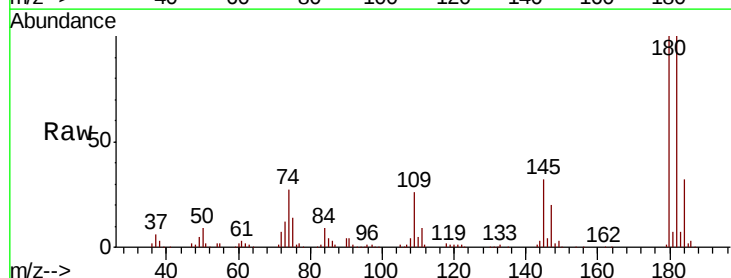
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

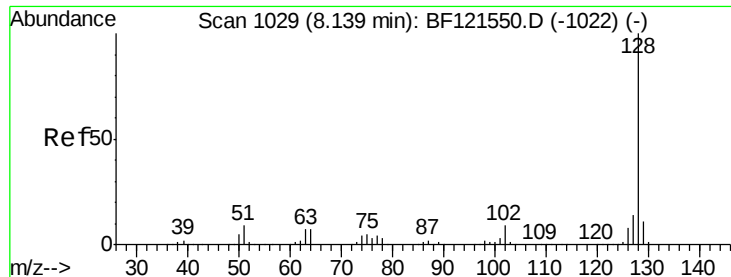
Tot Ion:162 Resp: 332270
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.5 82.5
 98 37.2 20.1 60.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.197 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:180 Resp: 339960
 Ion Ratio Lower Upper
 180 100
 182 99.5 79.4 119.2
 145 32.3 25.5 38.3

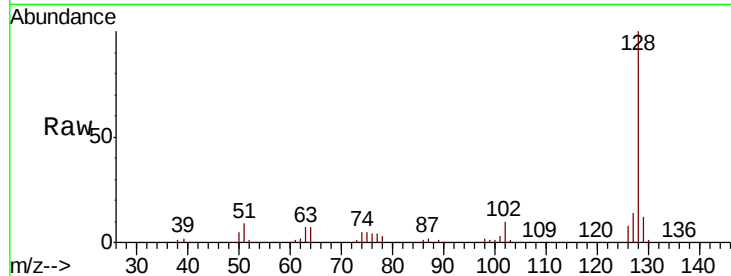




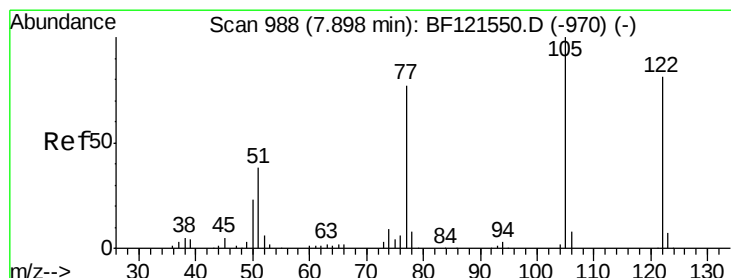
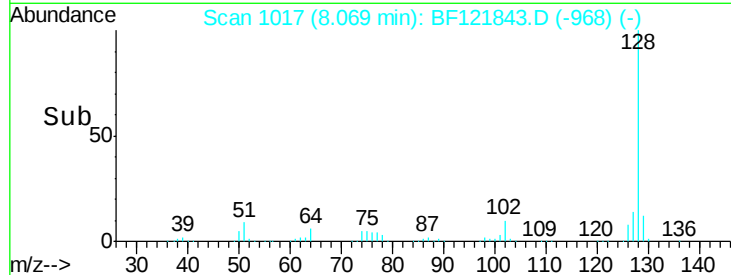
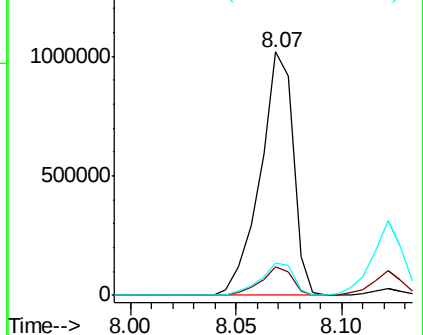
#31
Naphthalene
Concen: 37.940 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:128 Resp: 1110350
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.5 10.8 16.2

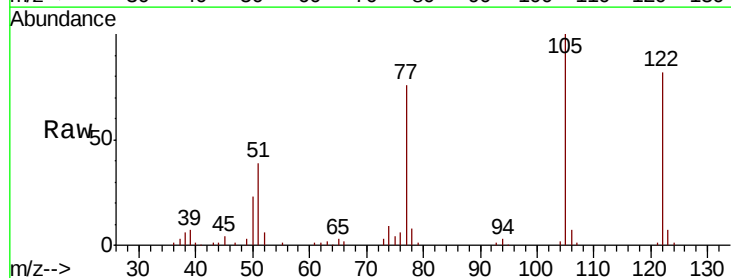


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

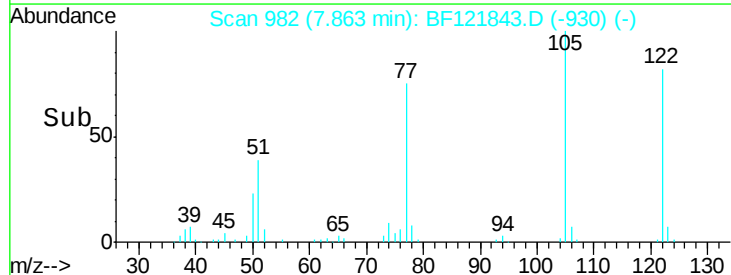
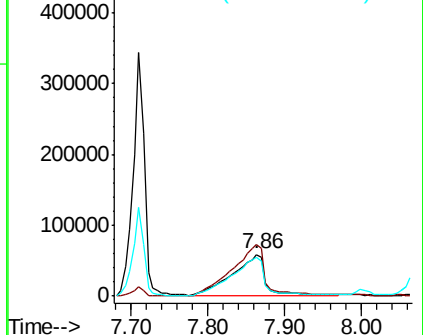


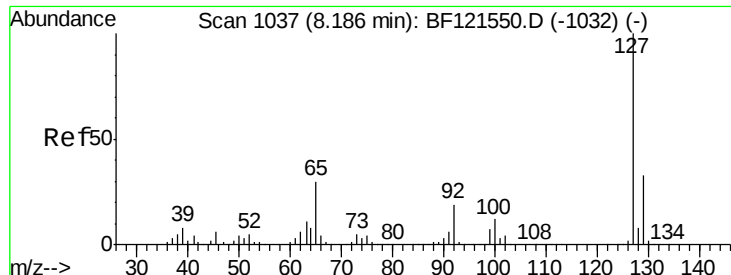
#32
Benzoic acid
Concen: 28.066 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:122 Resp: 170979
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 92.2 73.9 113.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

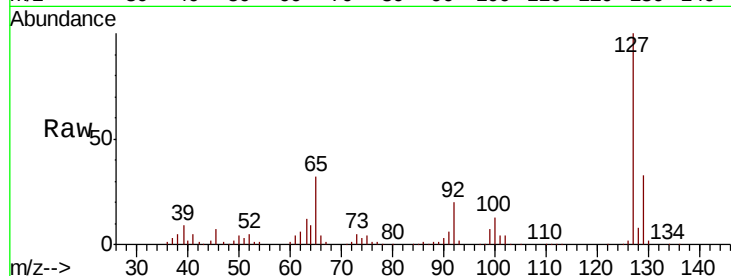




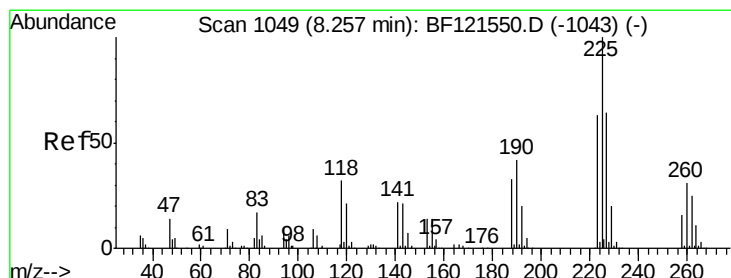
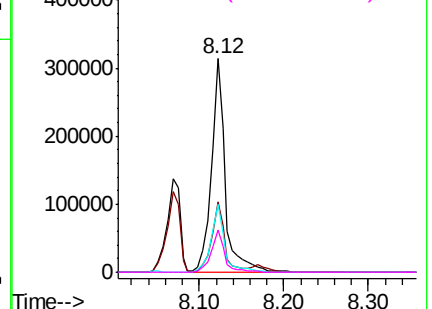
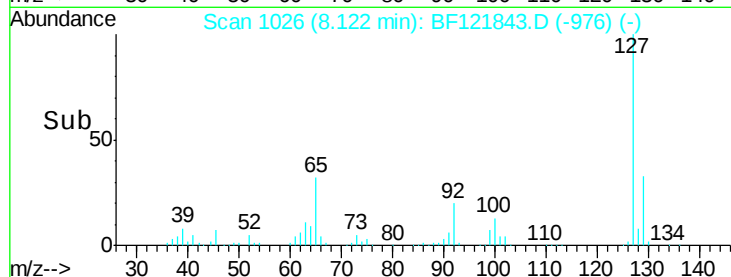
#33
4-Chloroaniline
Concen: 28.037 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:127	Resp:	355674
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.3 39.5
65	32.0	26.2 39.2
92	20.1	15.9 23.9

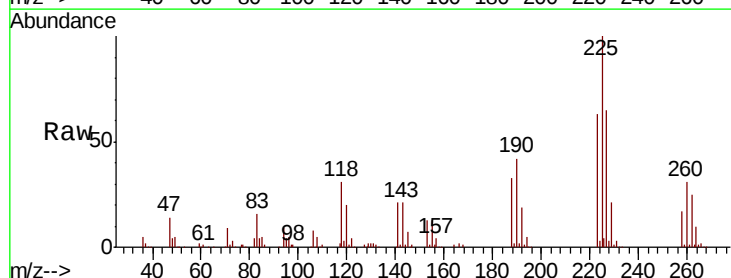


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

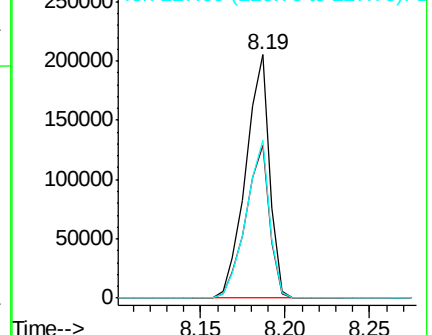
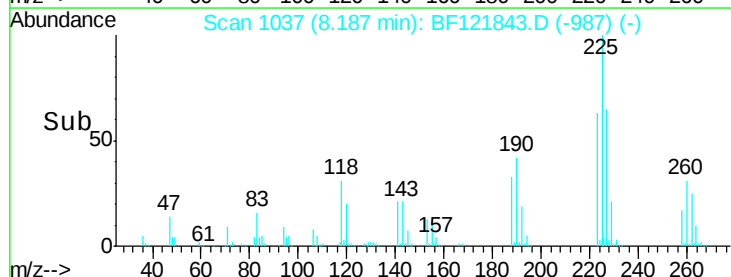


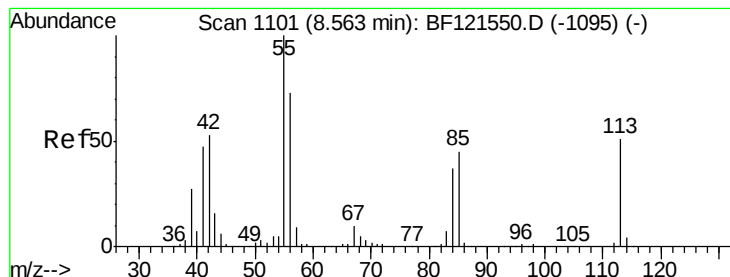
#34
Hexachlorobutadiene
Concen: 38.779 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:225	Resp:	202585
Ion Ratio	Lower	Upper
225	100	
223	62.9	51.1 76.7
227	64.6	51.0 76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.182 ng

RT: 8.51 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

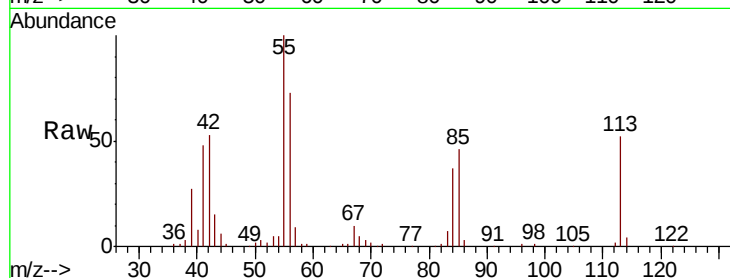
Tot Ion:113 Resp: 73681

Ion Ratio Lower Upper

113 100

55 192.6 167.5 207.5

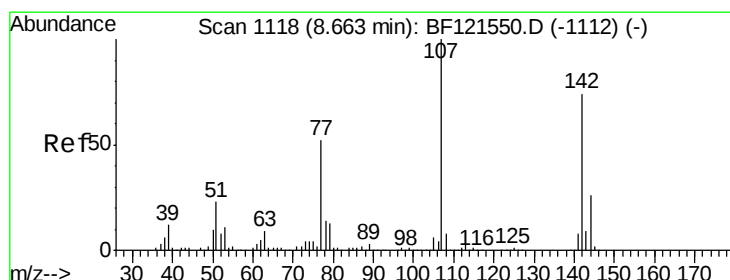
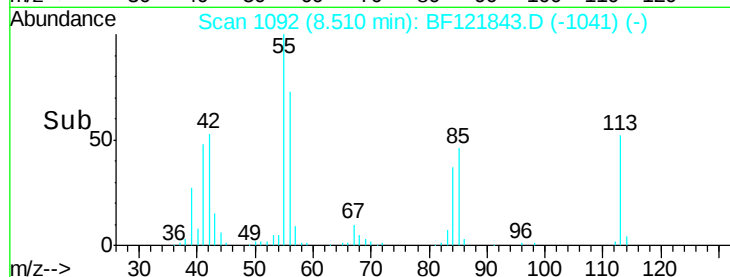
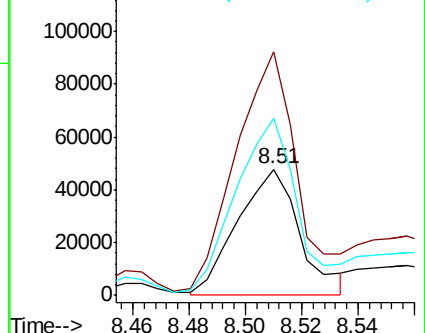
56 139.7 121.2 161.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 39.441 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

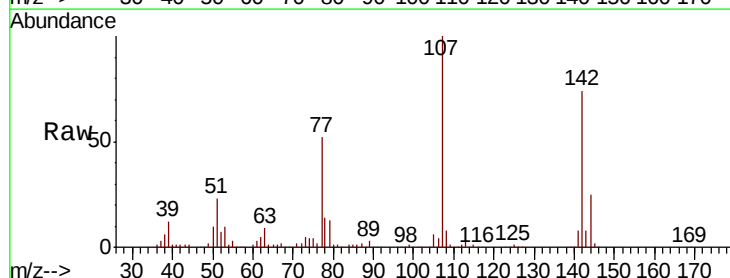
Tgt Ion:107 Resp: 359052

Ion Ratio Lower Upper

107 100

144 25.4 20.1 30.1

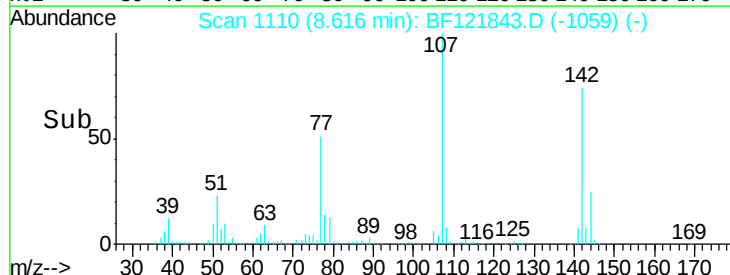
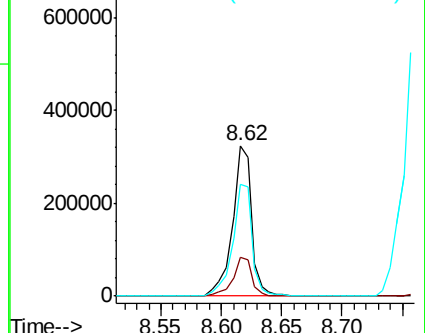
142 74.1 59.3 88.9



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

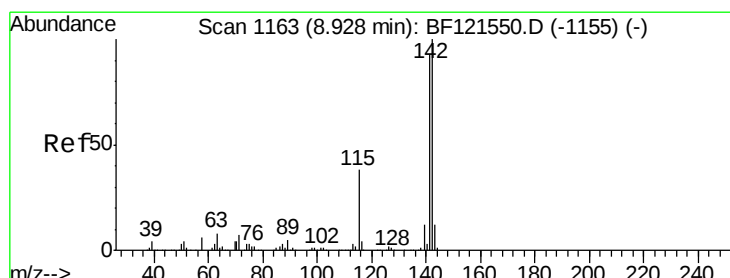
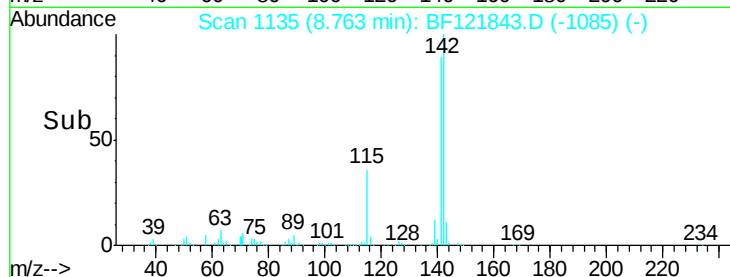
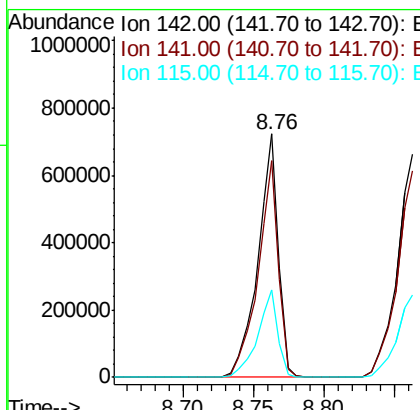
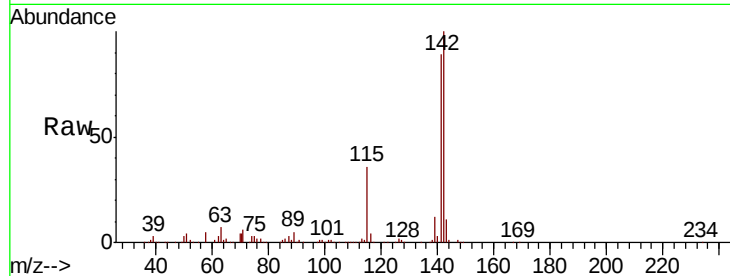




#37
 2-Methylnaphthalene
 Concen: 38.669 ng
 RT: 8.76 min Scan# 1135
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

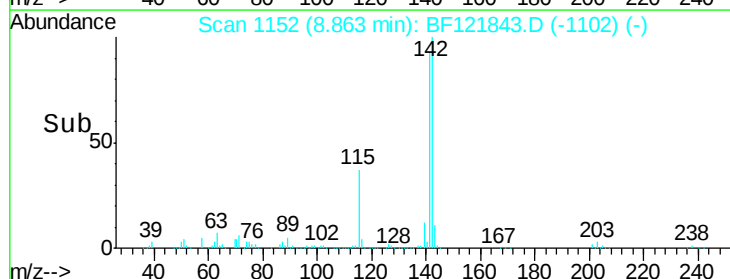
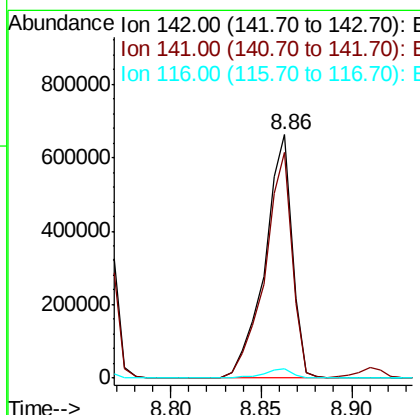
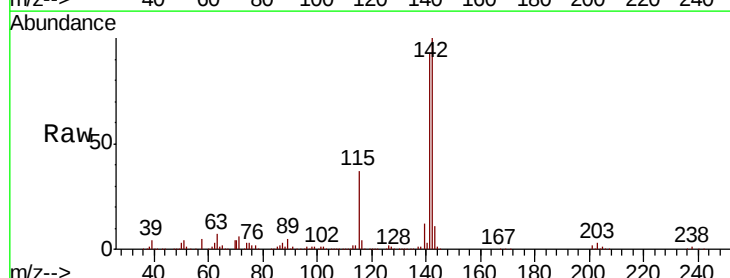
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

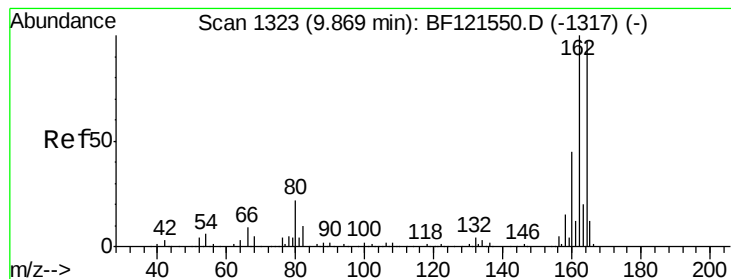
Tot Ion:142 Resp: 741624
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.2 105.4
 115 35.7 28.6 43.0



#38
 1-Methylnaphthalene
 Concen: 38.779 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:142 Resp: 692182
 Ion Ratio Lower Upper
 142 100
 141 92.8 74.5 111.7
 116 3.9 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

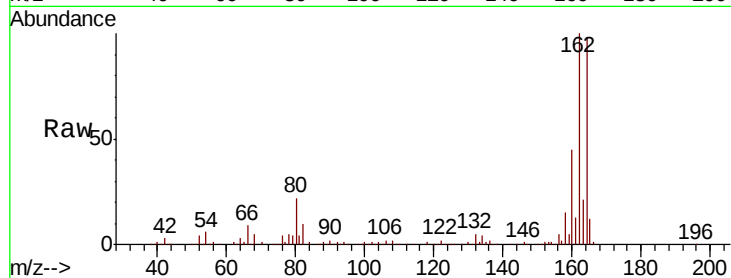
Tot Ion:164 Resp: 301605

Ion Ratio Lower Upper

164 100

162 101.9 83.2 124.8

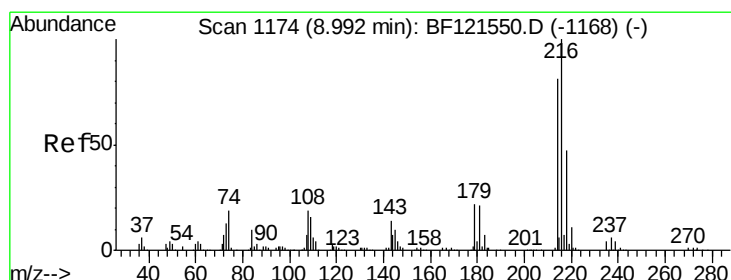
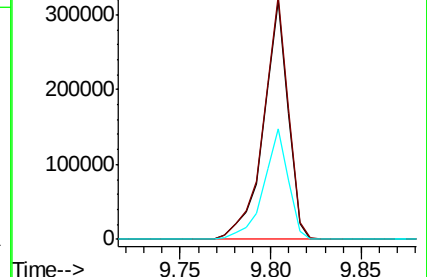
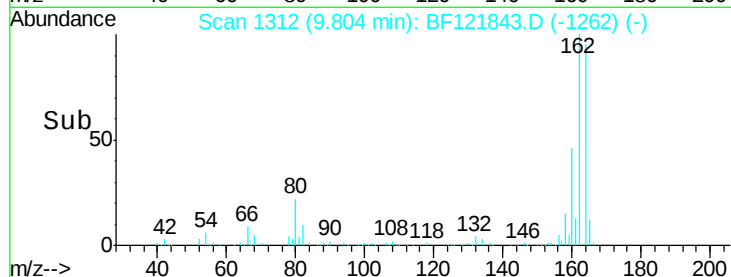
160 46.3 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.216 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Tgt Ion:216 Resp: 350617

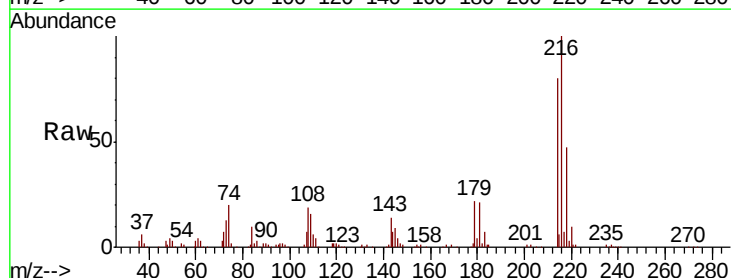
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 20.8 17.0 25.6

108 19.9 15.5 23.3

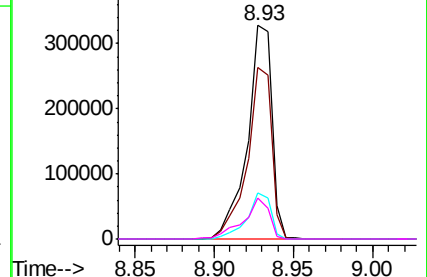
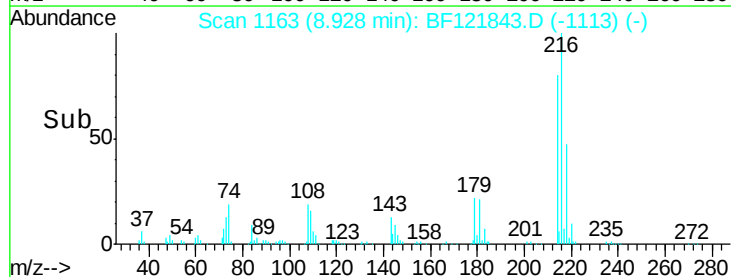


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.635 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampled :

PB132042BS

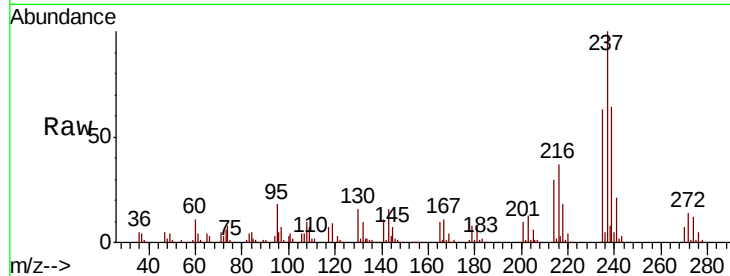
Tot Ion:237 Resp: 213242

Ion Ratio Lower Upper

237 100

235 62.7 41.8 81.8

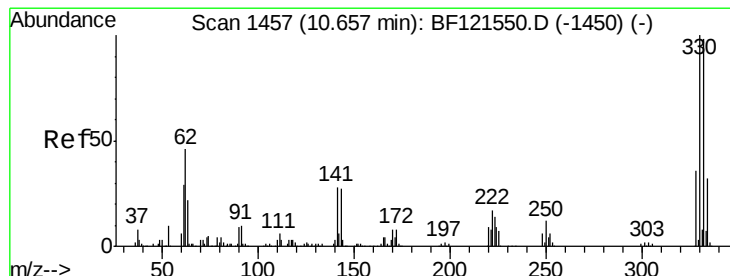
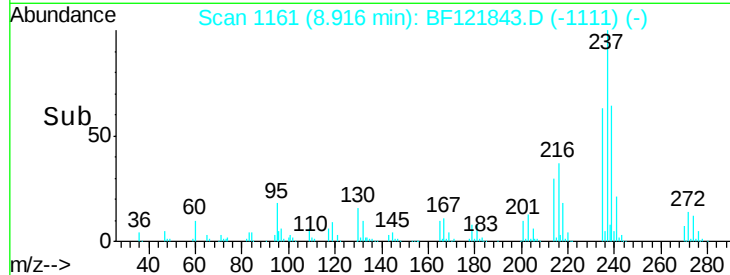
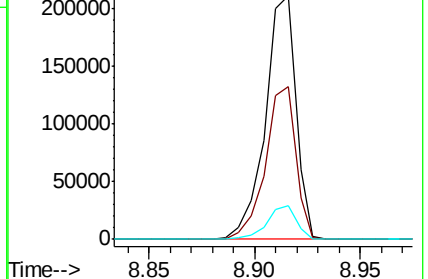
272 14.1 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 101.029 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

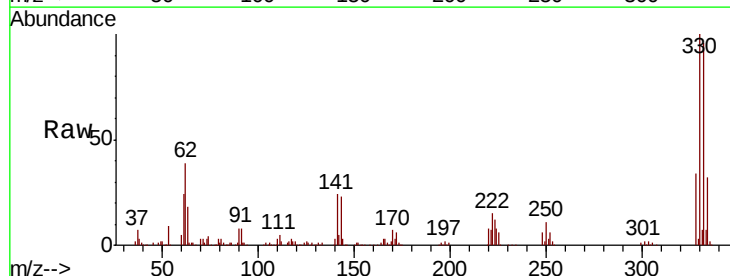
Tgt Ion:330 Resp: 378710

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

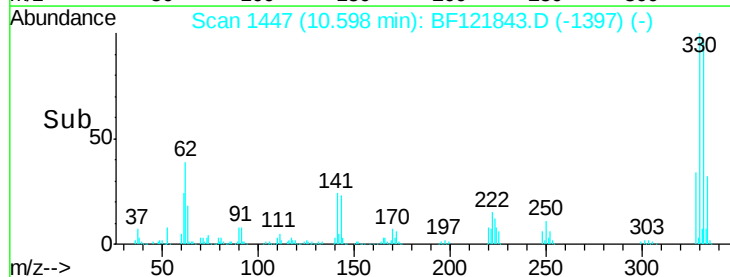
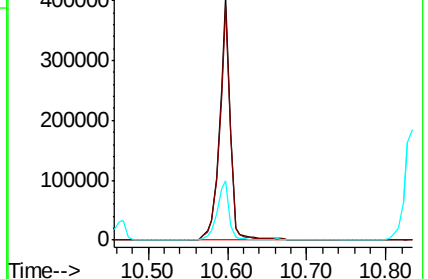
141 27.4 22.3 33.5

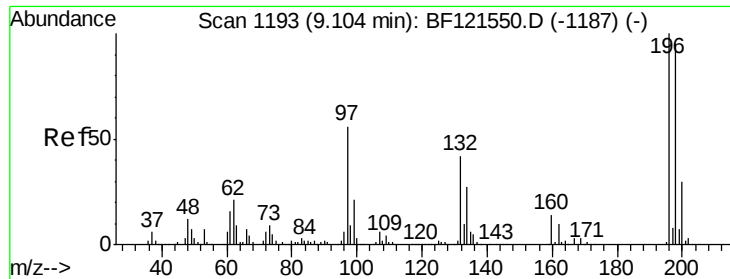


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

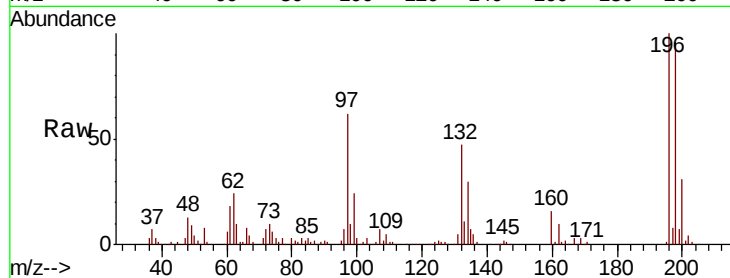




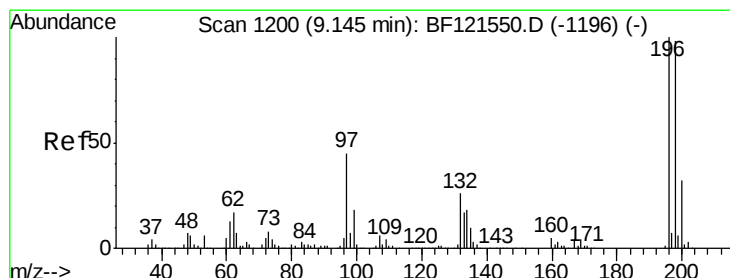
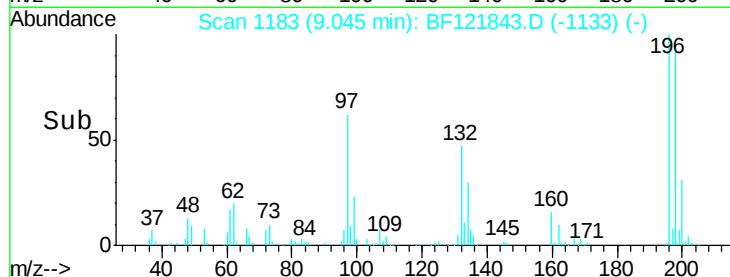
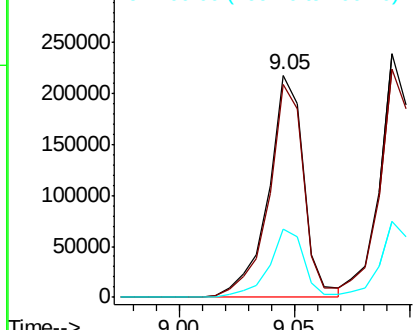
#43
 2,4,6-Trichlorophenol
 Concen: 35.877 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion:196 Resp: 230385
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.8 113.6
 200 30.7 24.6 36.8

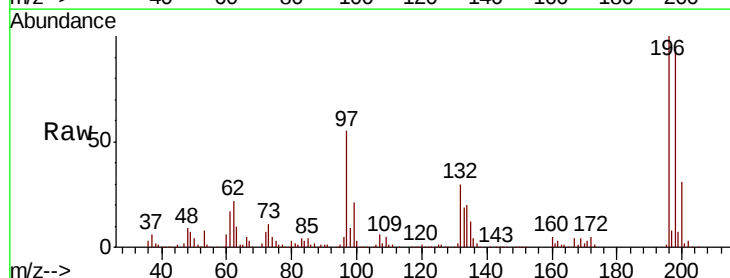


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

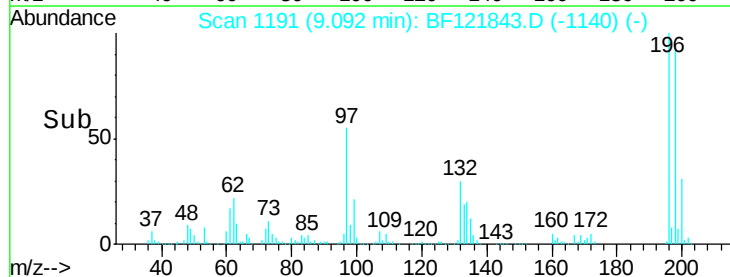
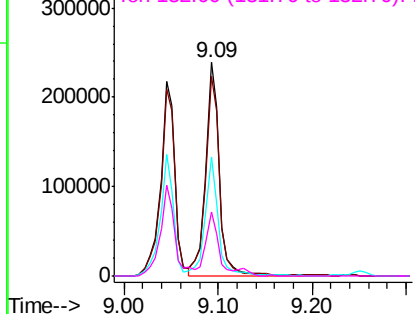


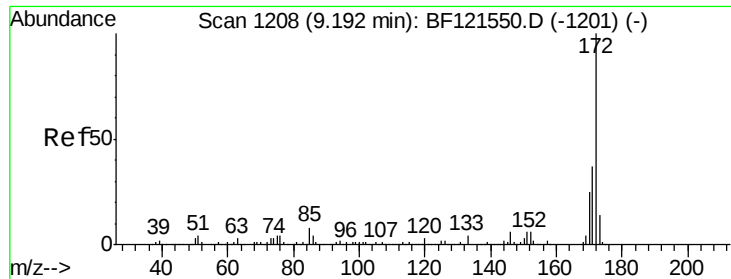
#44
 2,4,5-Trichlorophenol
 Concen: 35.693 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:196 Resp: 242306
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.1 114.1
 97 55.4 41.0 61.6
 132 30.3 22.4 33.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

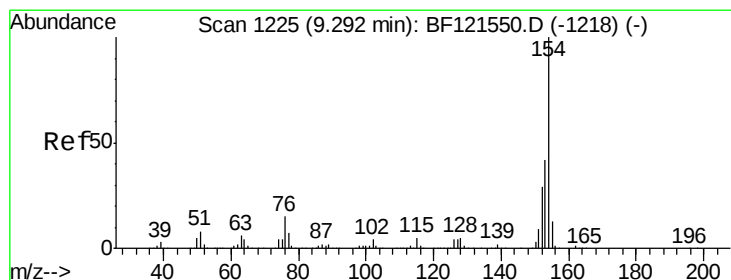
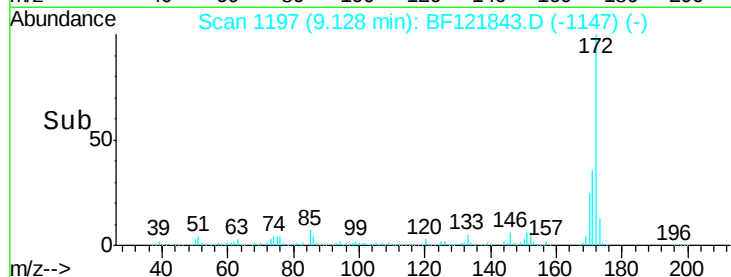
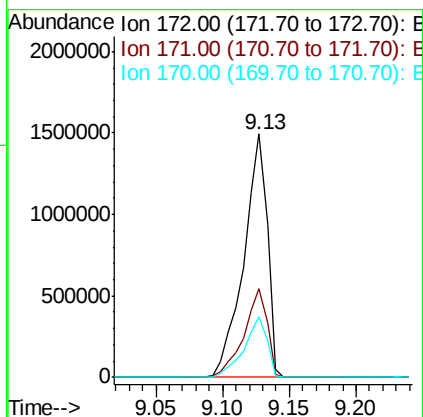
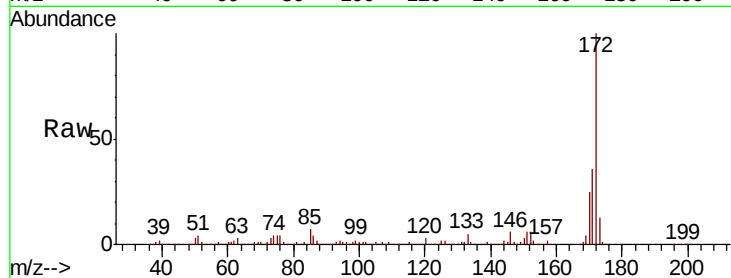




#45
2-Fluorobiphenyl
Concen: 90.525 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

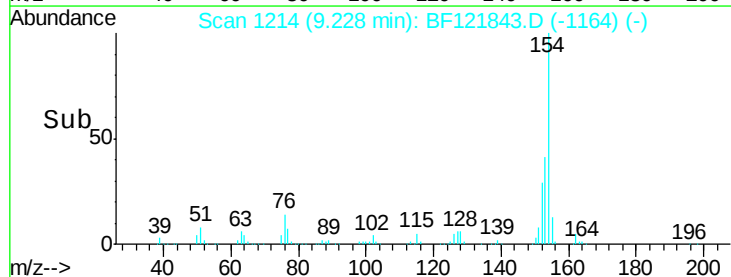
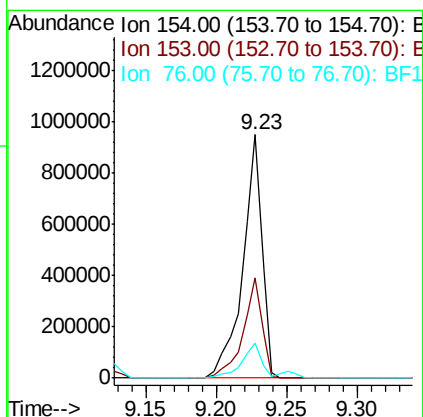
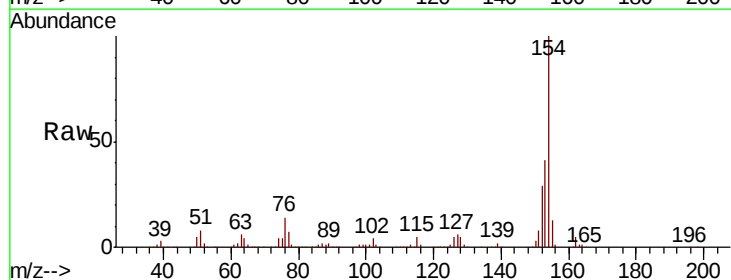
Instrument :
BNA_F
ClientSampleId :
PB132042BS

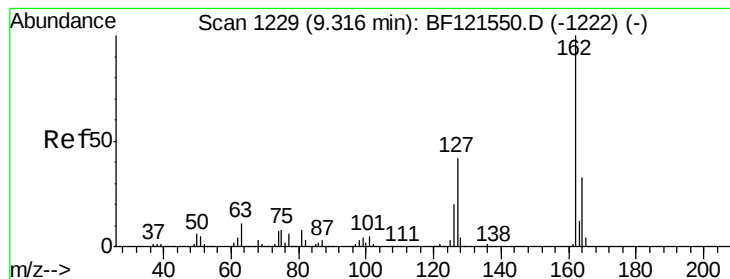
Tot Ion:172 Resp: 1802713
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 36.999 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:154 Resp: 893347
Ion Ratio Lower Upper
154 100
153 41.2 21.3 61.3
76 14.4 0.0 34.7





#47

2-Chloronaphthalene

Concen: 35.840 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

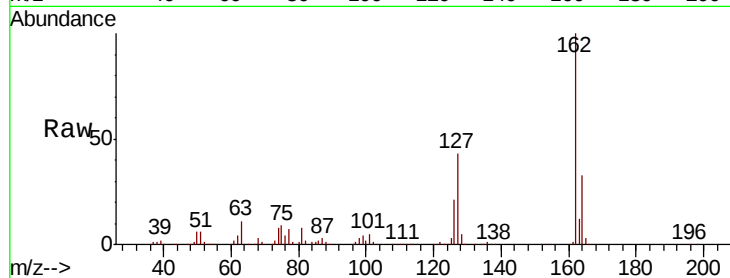
Tot Ion: 162 Resp: 681932

Ion Ratio Lower Upper

162 100

127 43.1 34.4 51.6

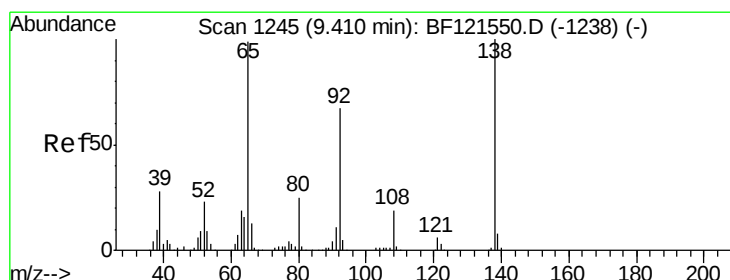
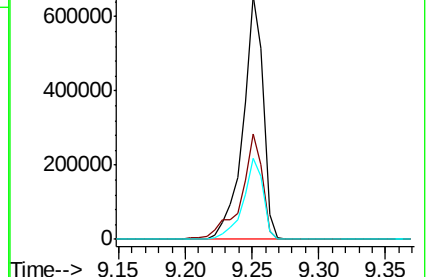
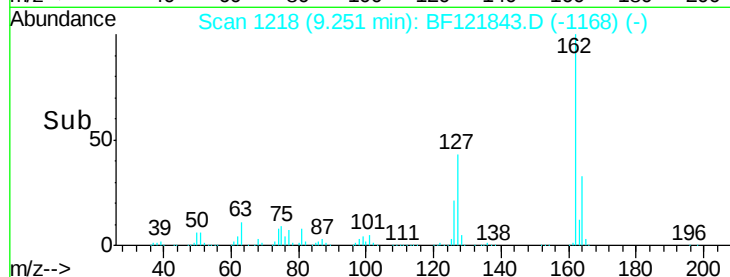
164 33.1 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.212 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

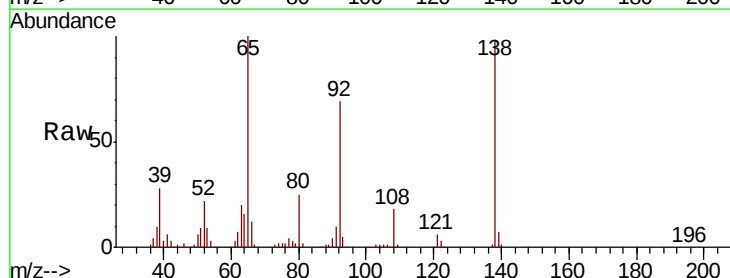
Tgt Ion: 65 Resp: 243676

Ion Ratio Lower Upper

65 100

92 68.8 55.1 82.7

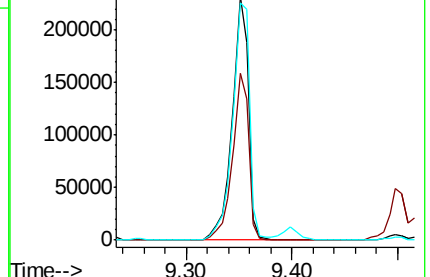
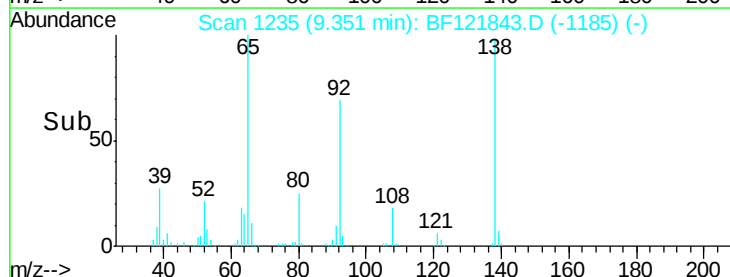
138 97.6 80.5 120.7

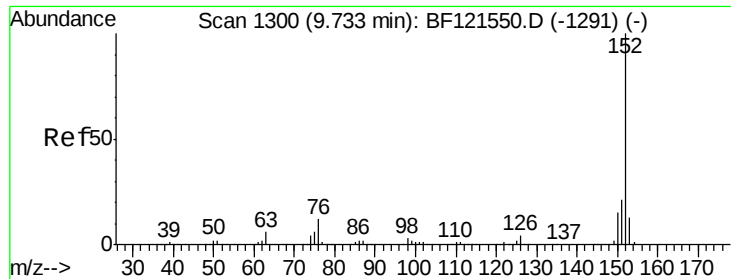


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.210 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampled :

PB132042BS

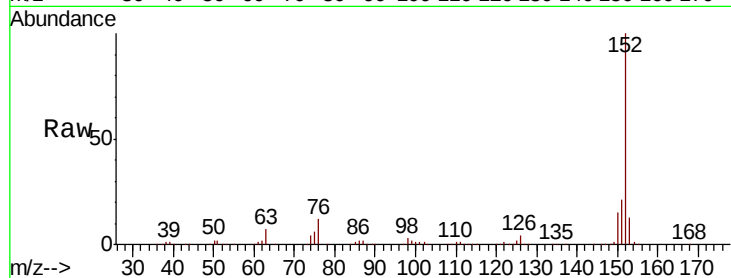
Tot Ion:152 Resp: 1087827

Ion Ratio Lower Upper

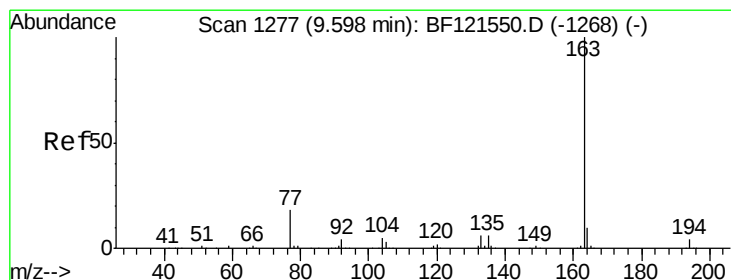
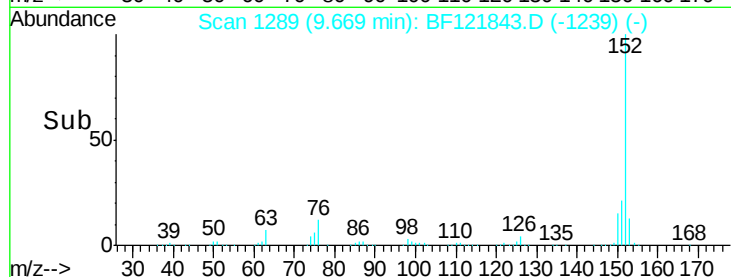
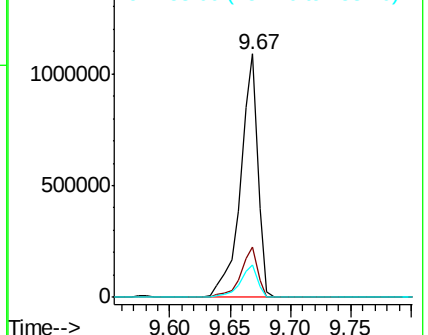
152 100

151 20.6 16.4 24.6

153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.192 ng

RT: 9.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

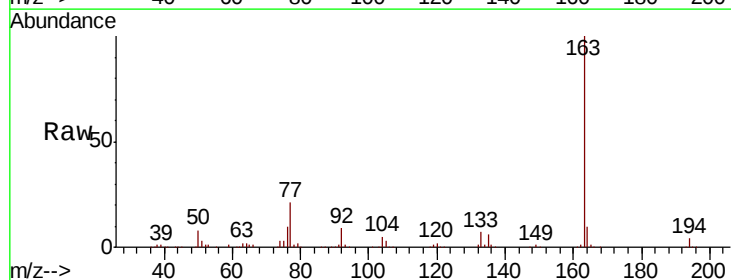
Tgt Ion:163 Resp: 834882

Ion Ratio Lower Upper

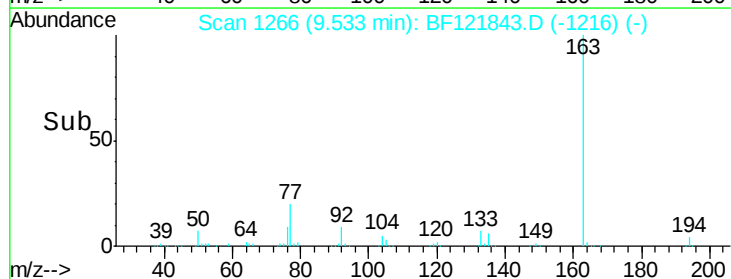
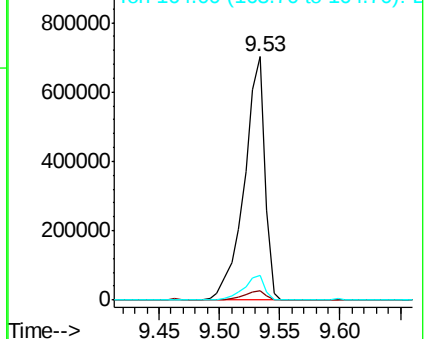
163 100

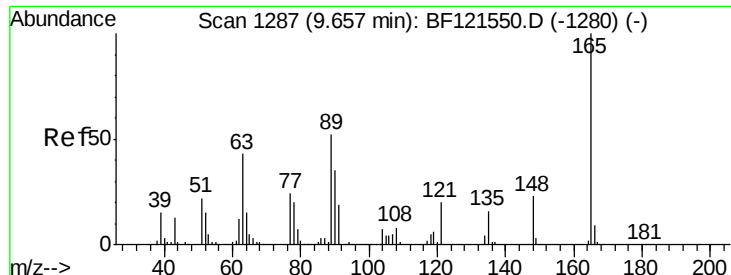
194 3.9 3.3 4.9

164 10.0 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

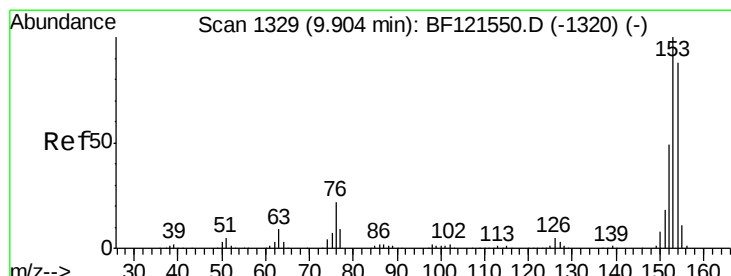
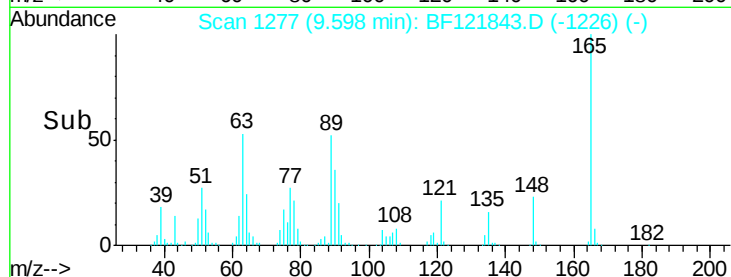
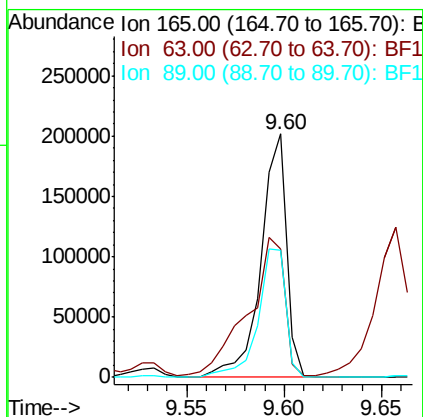
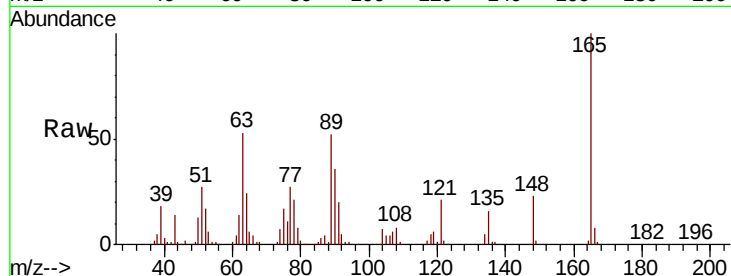




#51
 2,6-Dinitrotoluene
 Concen: 39.537 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

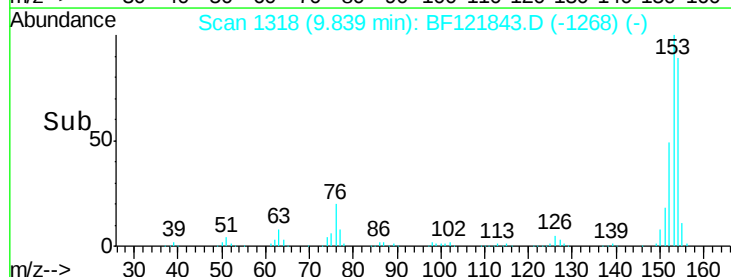
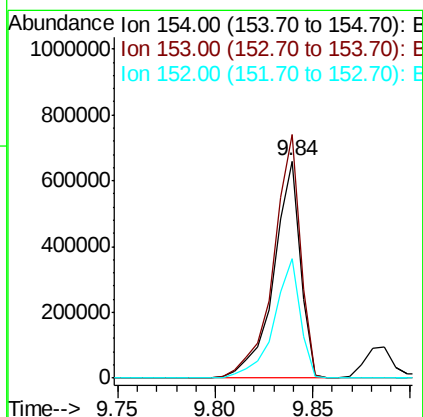
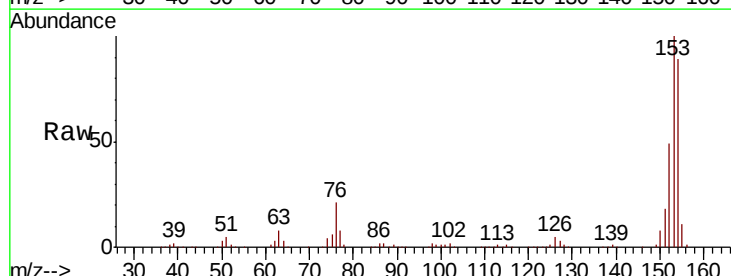
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

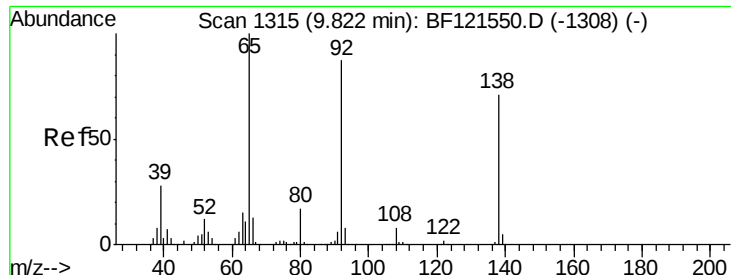
Tot Ion:165 Resp: 184062
 Ion Ratio Lower Upper
 165 100
 63 52.9 51.8 77.6
 89 52.3 49.0 73.6



#52
 Acenaphthene
 Concen: 34.046 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:154 Resp: 628654
 Ion Ratio Lower Upper
 154 100
 153 112.2 89.8 134.8
 152 54.9 43.2 64.8

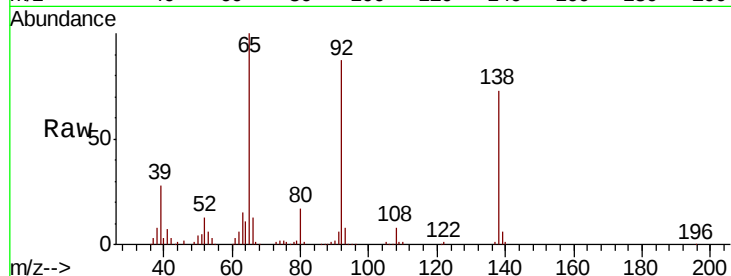




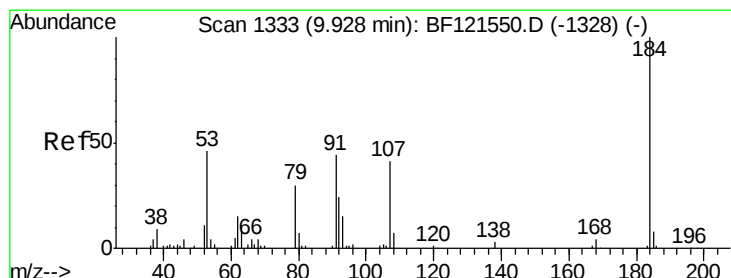
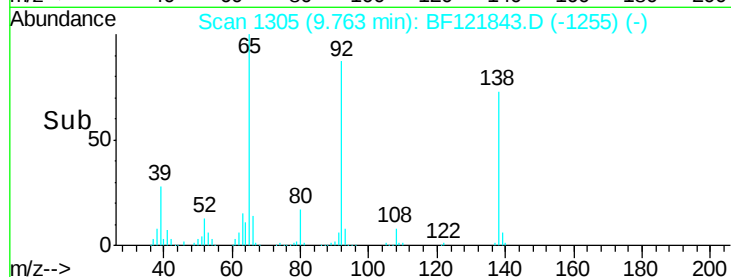
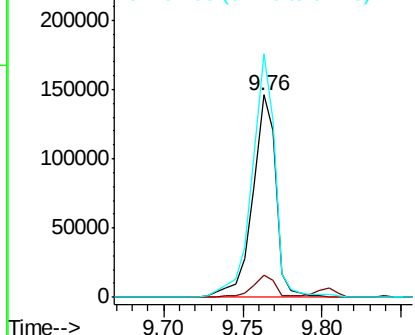
#53
3-Nitroaniline
Concen: 27.588 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:138 Resp: 148785
Ion Ratio Lower Upper
138 100
108 10.8 8.6 13.0
92 120.3 96.6 144.8

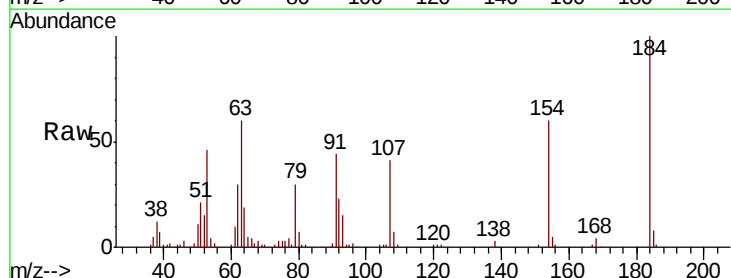


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

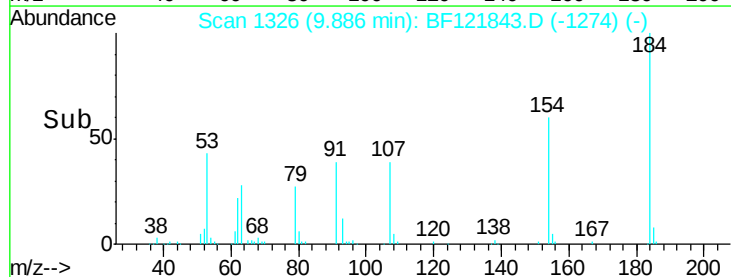
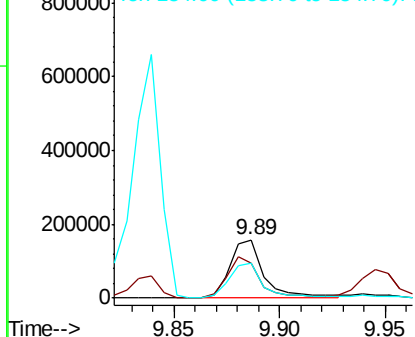


#54
2,4-Dinitrophenol
Concen: 67.047 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:184 Resp: 175593
Ion Ratio Lower Upper
184 100
63 60.2 45.9 68.9
154 60.2 45.8 68.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

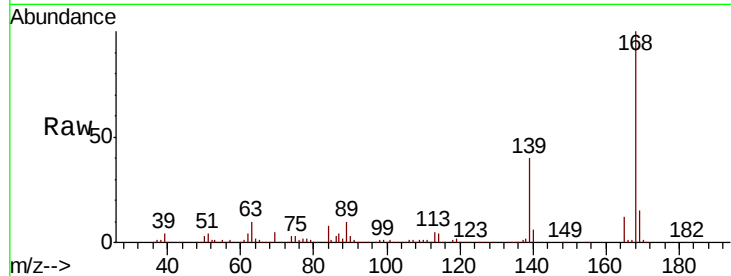




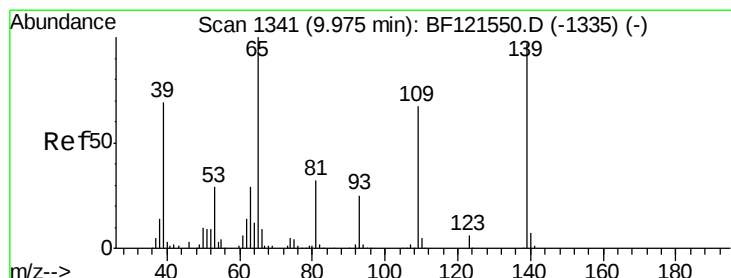
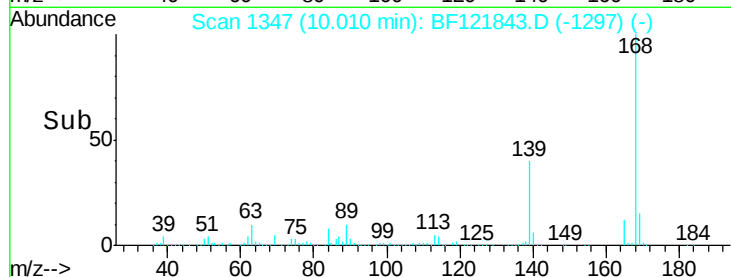
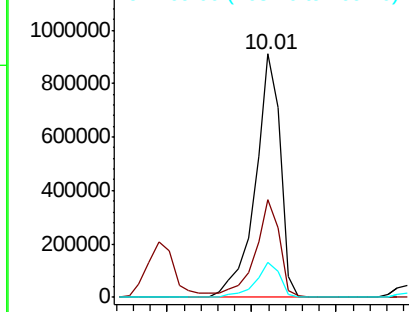
#55
Dibenzofuran
Concen: 35.852 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:168 Resp: 932284
Ion Ratio Lower Upper
168 100
139 39.9 31.0 46.6
169 14.5 11.3 16.9

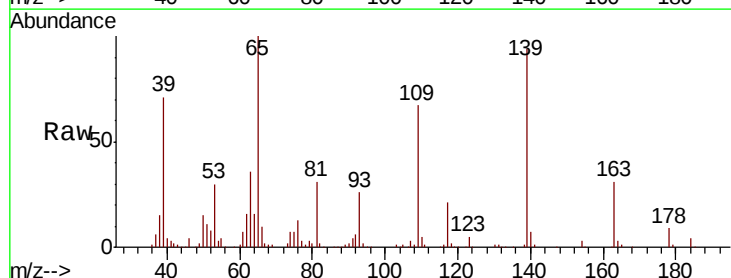


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

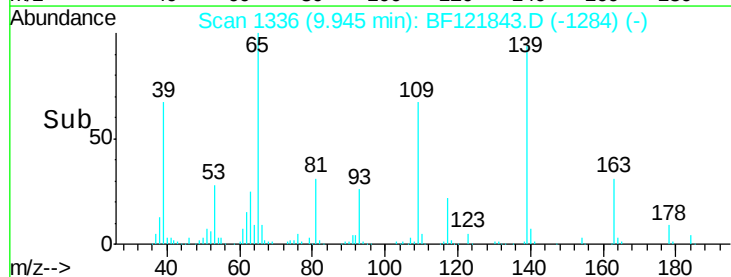
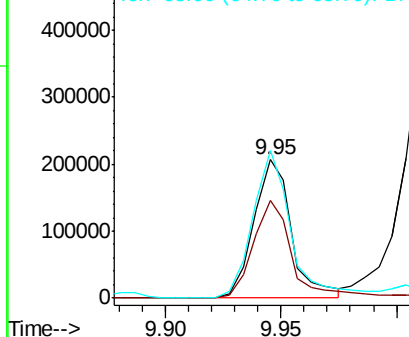


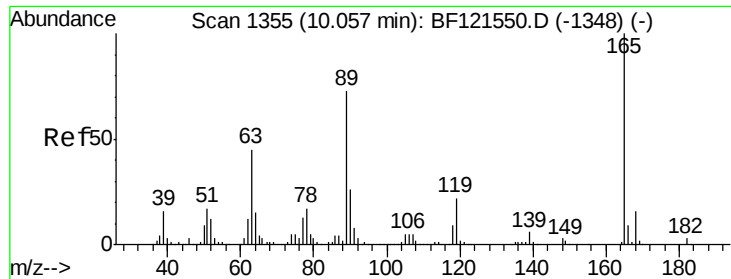
#56
4-Nitrophenol
Concen: 54.955 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:139 Resp: 236358
Ion Ratio Lower Upper
139 100
109 71.0 45.4 85.4
65 106.8 68.4 108.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

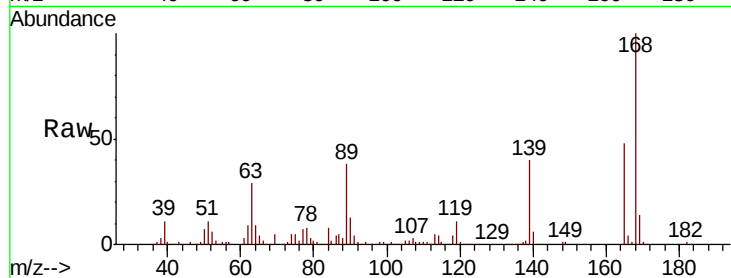




#57
2,4-Dinitrotoluene
Concen: 39.652 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.5	41.3	61.9
89	80.4	61.8	92.8
182	2.7	2.1	3.1



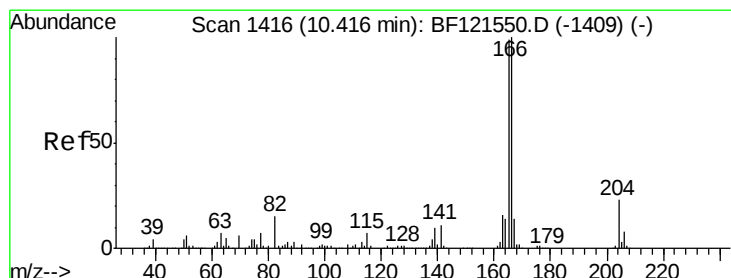
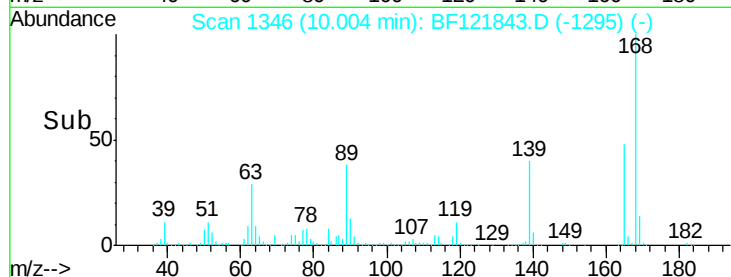
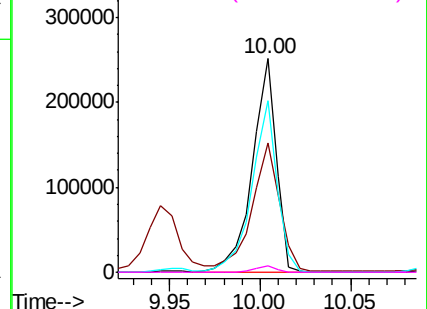
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

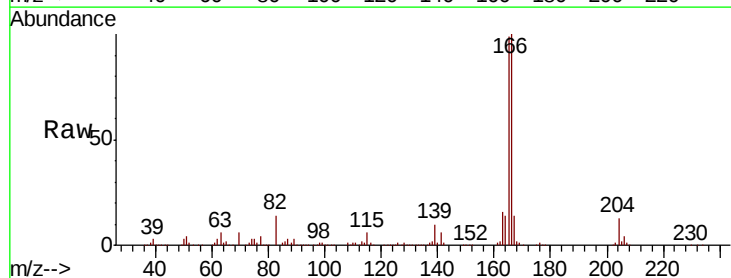
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.733 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.1	118.7
167	13.6	11.0	16.6

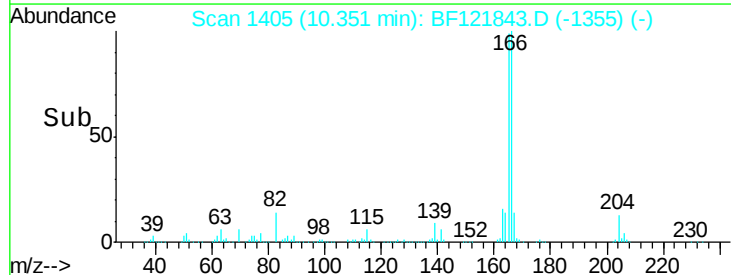
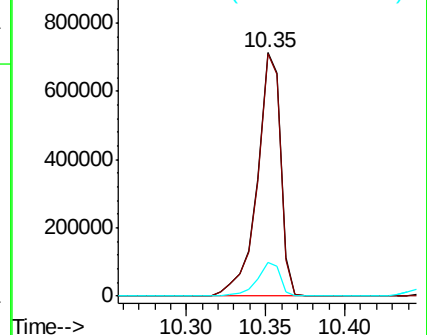


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

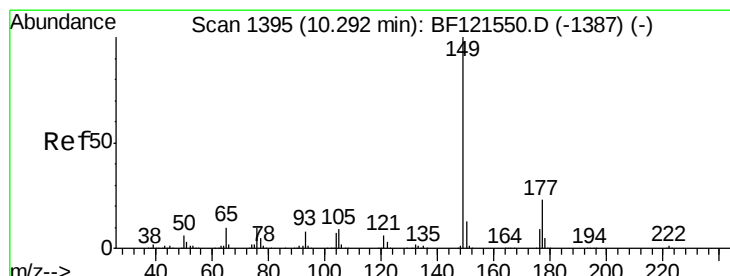
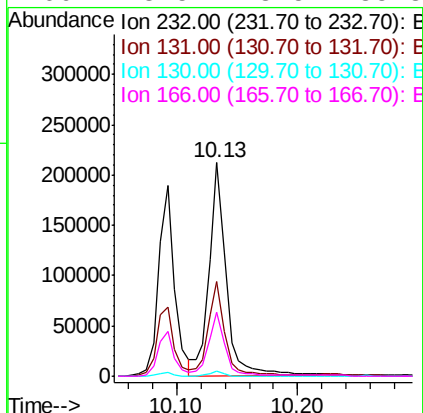
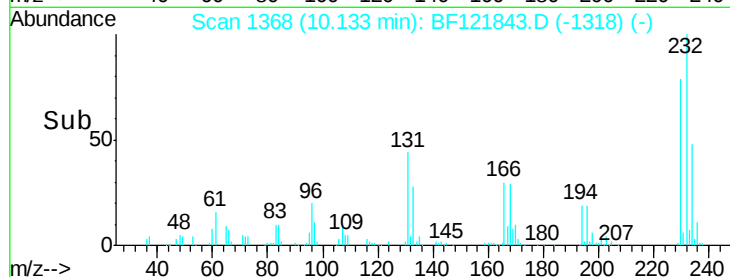
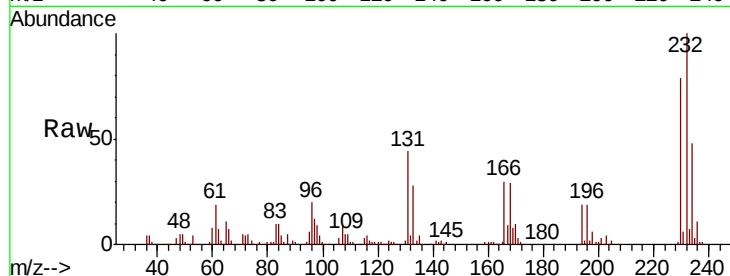




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.237 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

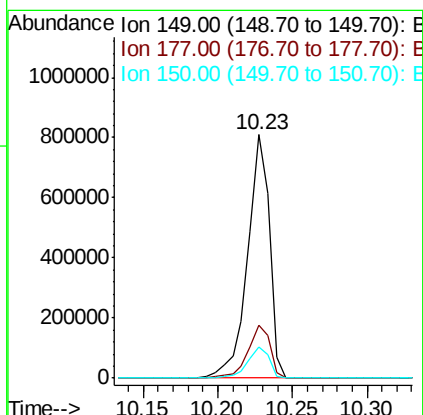
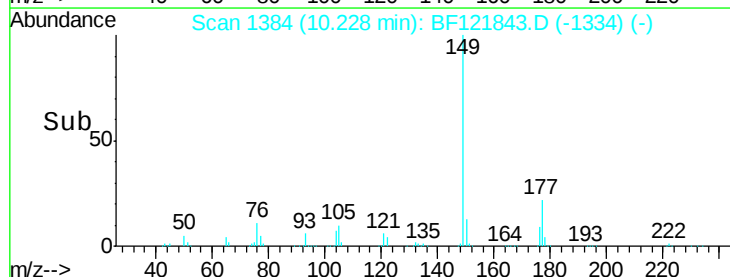
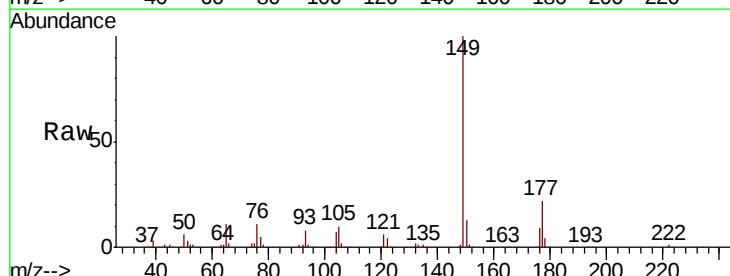
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

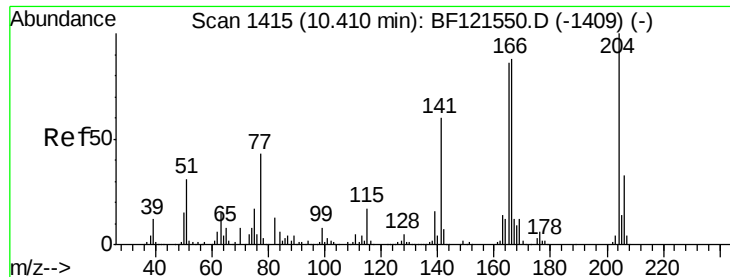
Tot Ion:	232	Resp:	205510
Ion	Ratio	Lower	Upper
232	100		
131	42.9	35.9	53.9
130	2.2	1.8	2.6
166	28.5	23.5	35.3



#60
 Diethylphthalate
 Concen: 38.364 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:	149	Resp:	817647
Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.1	27.1
150	12.7	10.3	15.5

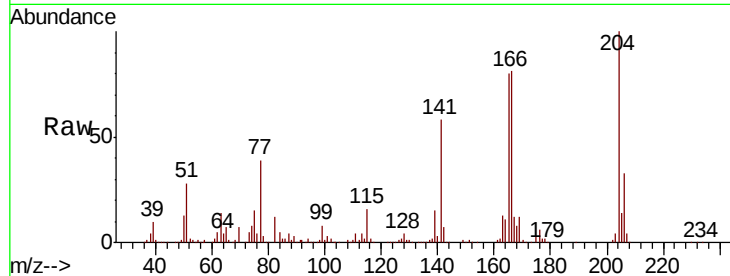




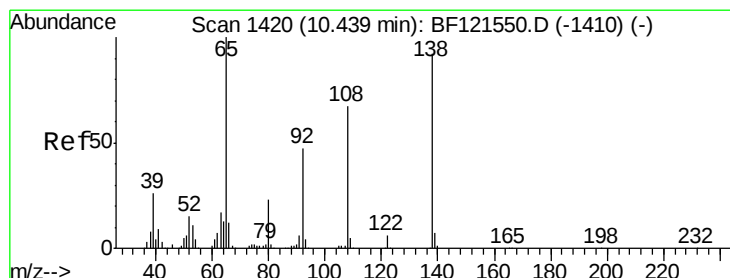
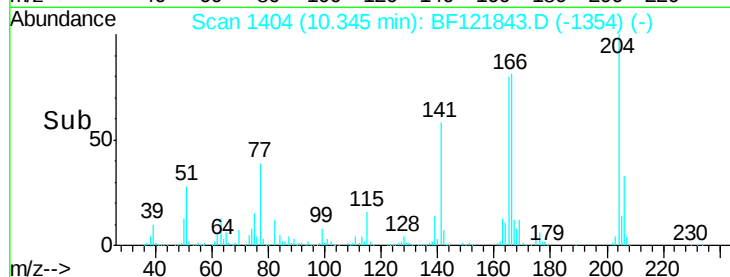
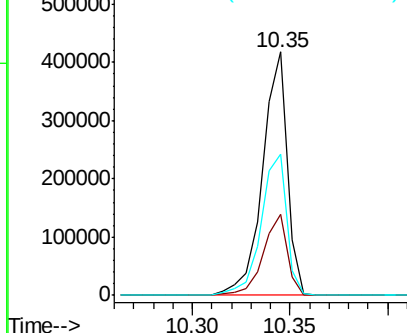
#61
4-Chlorophenyl-phenylether
Concen: 38.585 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampled :
PB132042BS

Tot Ion:204 Resp: 367553
Ion Ratio Lower Upper
204 100
206 33.4 26.0 39.0
141 58.0 46.2 69.4

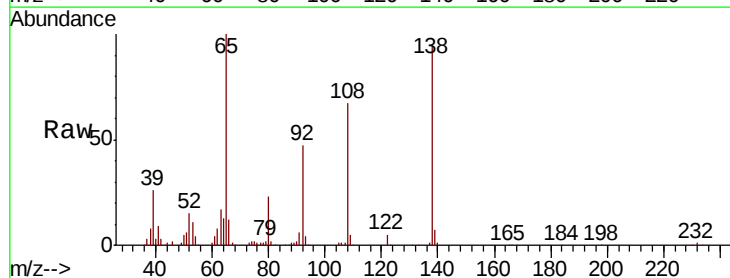


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

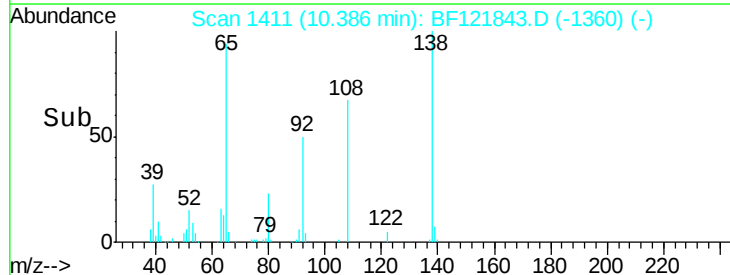
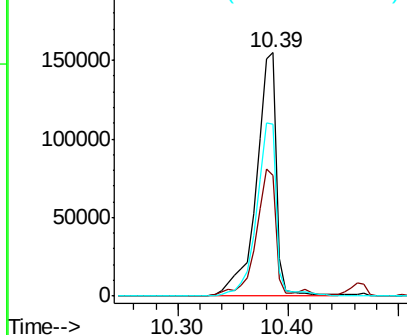


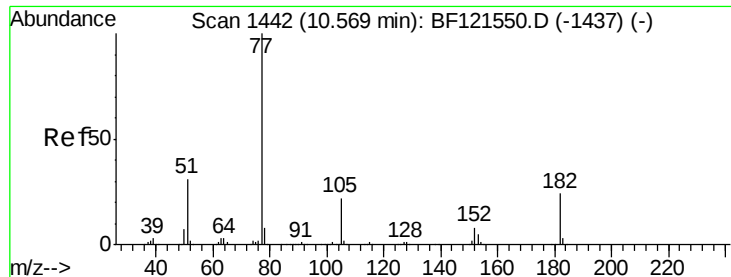
#62
4-Nitroaniline
Concen: 37.221 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:138 Resp: 199309
Ion Ratio Lower Upper
138 100
92 49.8 31.0 71.0
108 70.9 51.5 91.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.180 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

Tot Ion: 77 Resp: 843846

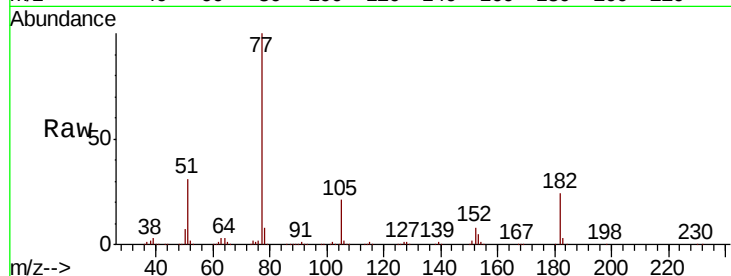
Ion Ratio Lower Upper

77 100

182 24.3 3.4 43.4

105 21.2 1.7 41.7

51 31.4 11.6 51.6

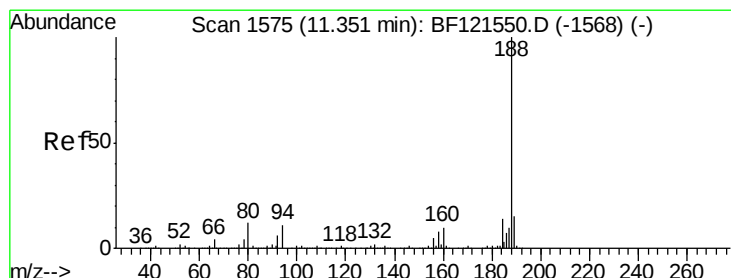
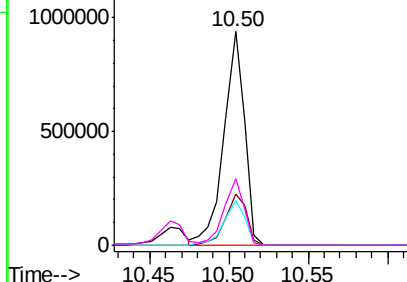
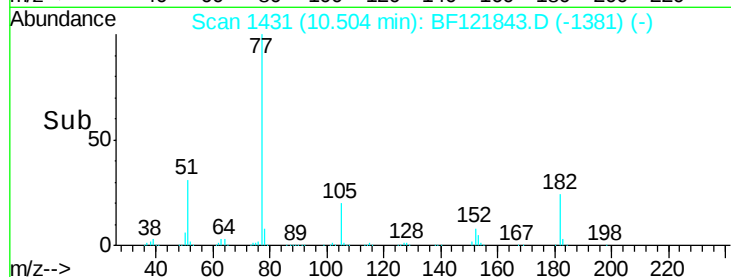


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

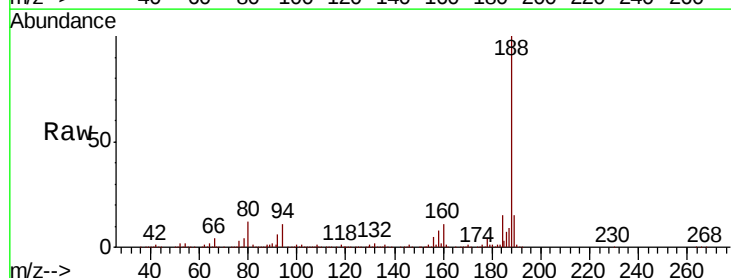
Tgt Ion: 188 Resp: 569401

Ion Ratio Lower Upper

188 100

94 11.4 8.3 12.5

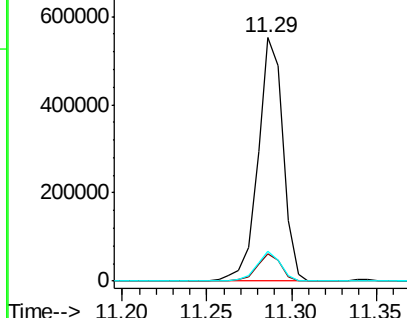
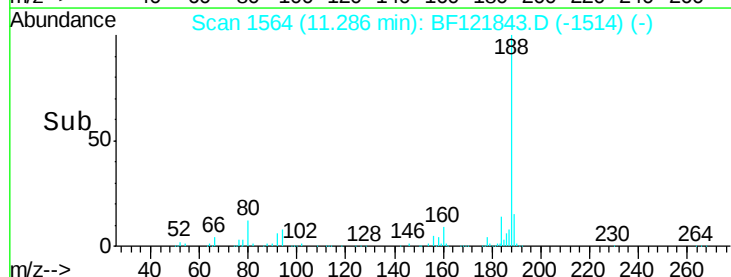
80 12.2 9.1 13.7

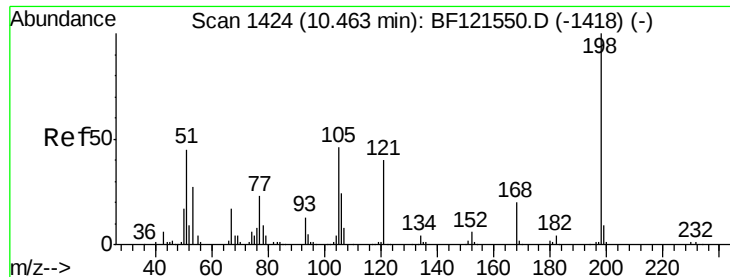


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

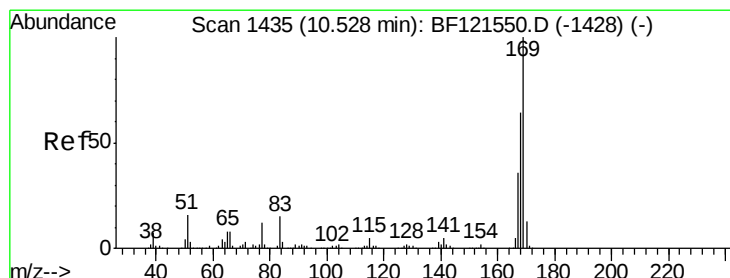
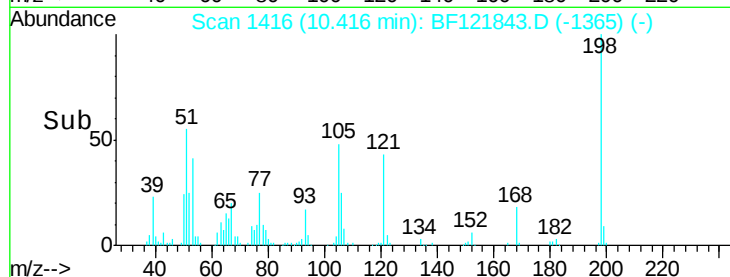
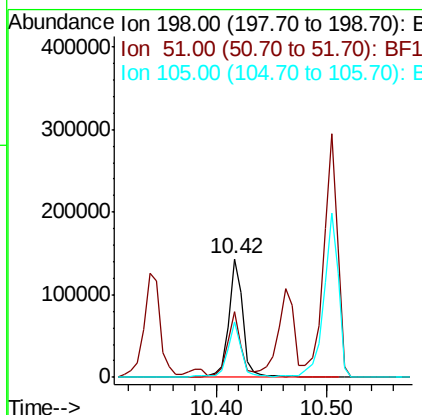
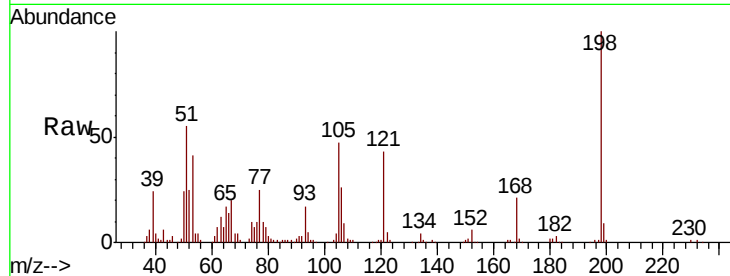




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.170 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

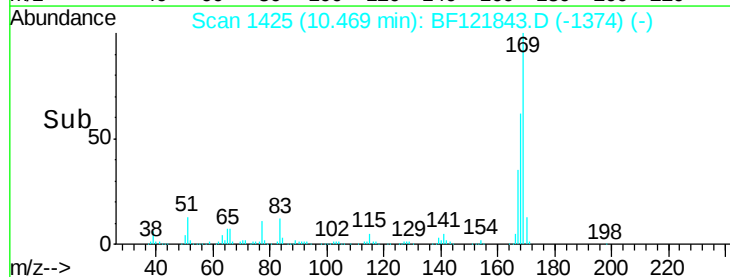
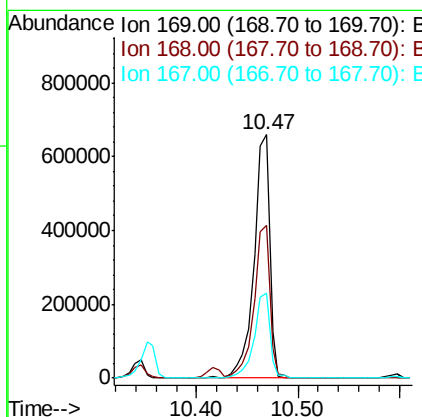
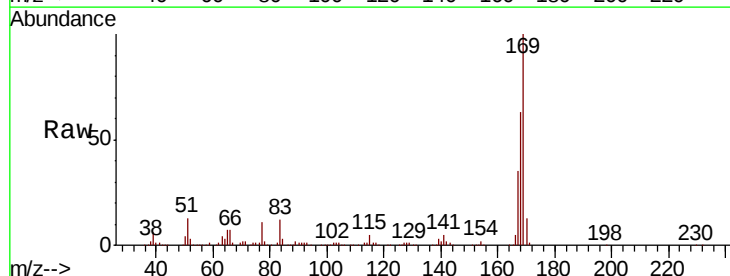
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

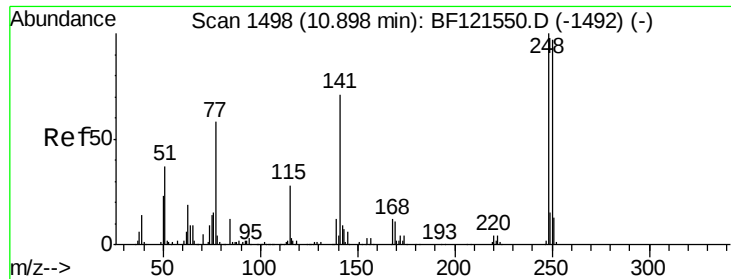
Tot Ion:	198	Resp:	131724
Ion	Ratio	Lower	Upper
198	100		
51	55.2	29.6	69.6
105	47.2	24.4	64.4



#66
 n-Nitrosodiphenylamine
 Concen: 36.451 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:	169	Resp:	712060
Ion	Ratio	Lower	Upper
169	100		
168	62.7	50.0	75.0
167	34.9	27.8	41.6

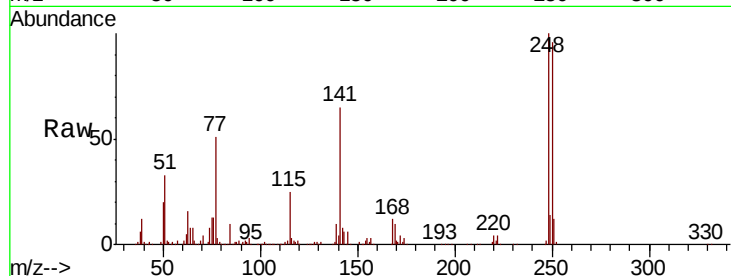




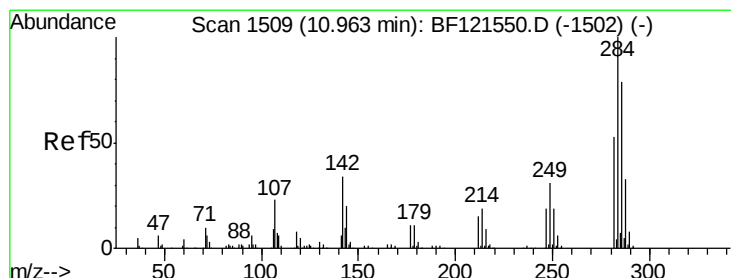
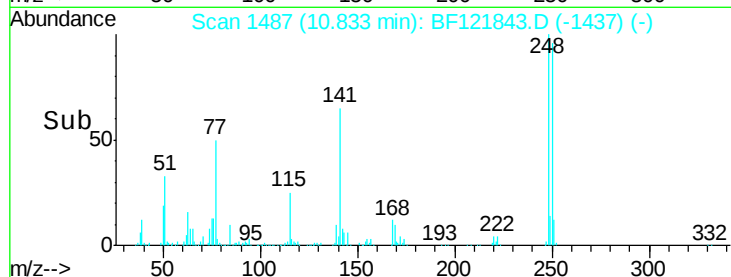
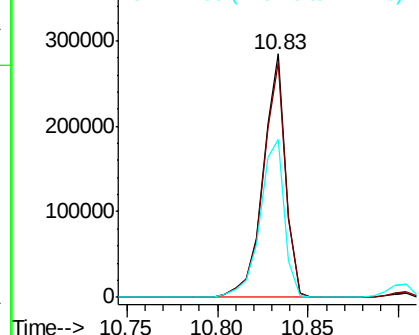
#67
4-Bromophenyl-phenylether
Concen: 37.655 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:248 Resp: 244114
Ion Ratio Lower Upper
248 100
250 96.3 77.0 115.6
141 64.6 53.7 80.5

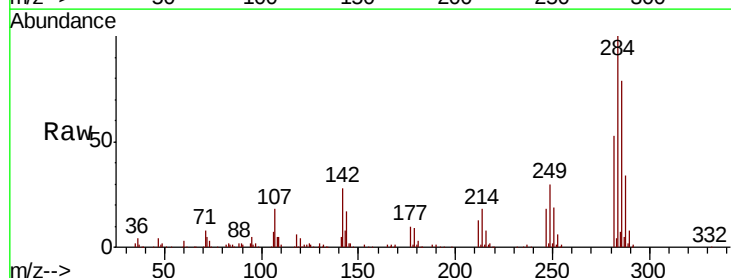


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

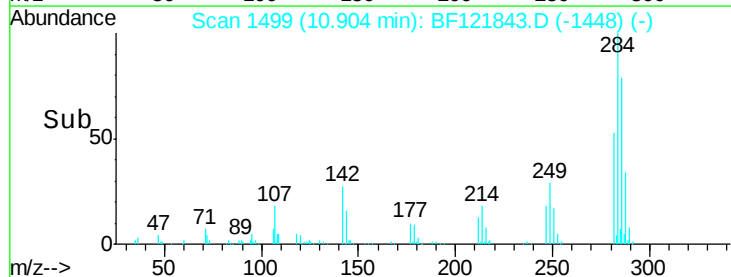
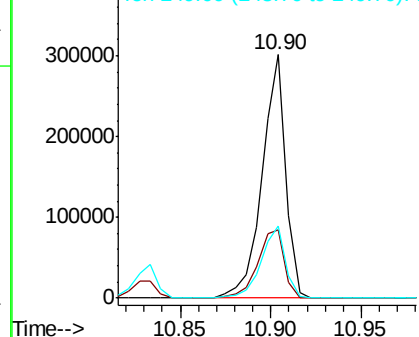


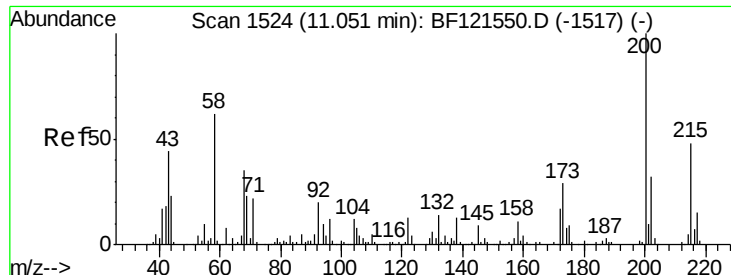
#68
Hexachlorobenzene
Concen: 37.244 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:284 Resp: 272481
Ion Ratio Lower Upper
284 100
142 28.3 27.4 41.2
249 29.8 24.2 36.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

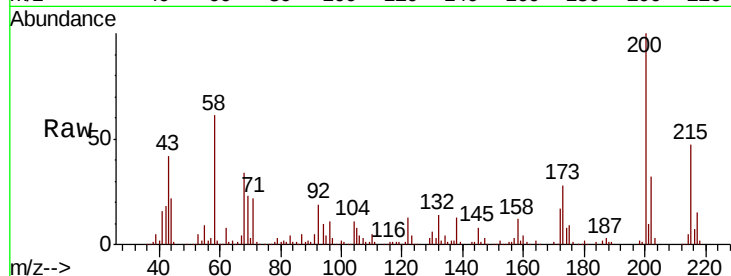




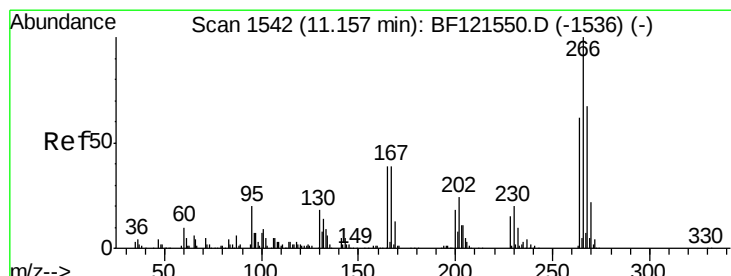
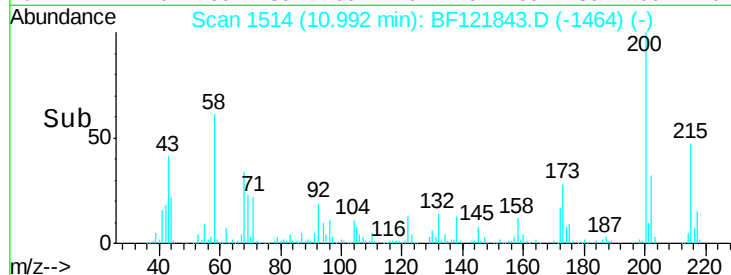
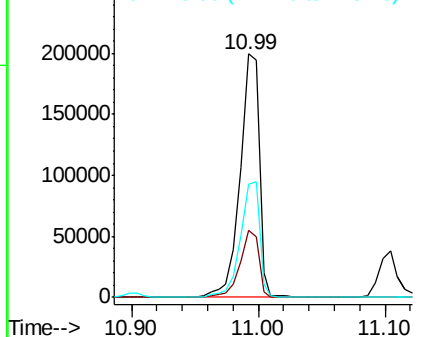
#69
Atrazine
Concen: 42.869 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:200 Resp: 208054
Ion Ratio Lower Upper
200 100
173 27.7 7.5 47.5
215 46.6 27.1 67.1

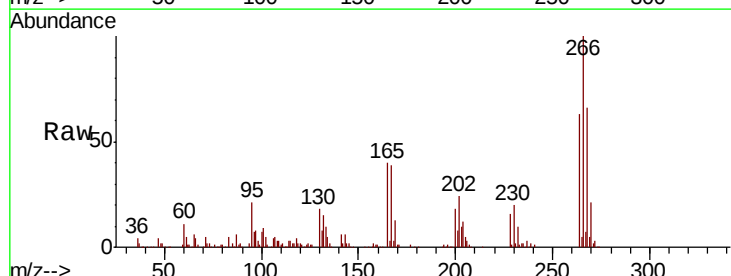


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

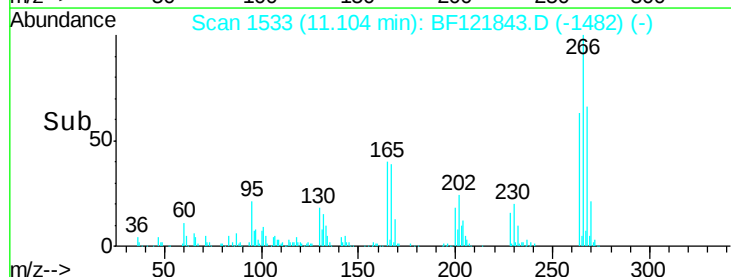
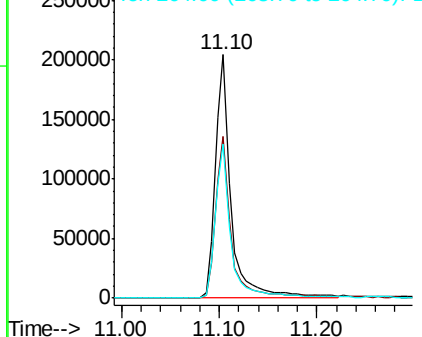


#70
Pentachlorophenol
Concen: 56.876 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:266 Resp: 228523
Ion Ratio Lower Upper
266 100
268 66.5 52.4 78.6
264 63.0 49.9 74.9



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

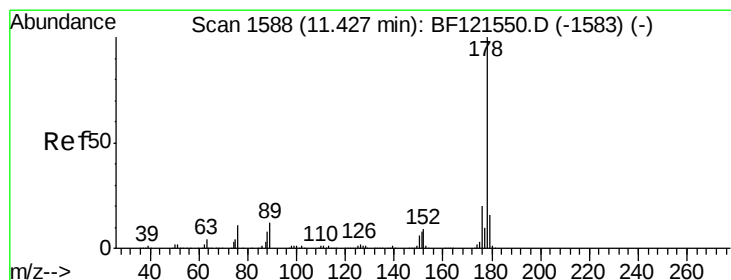
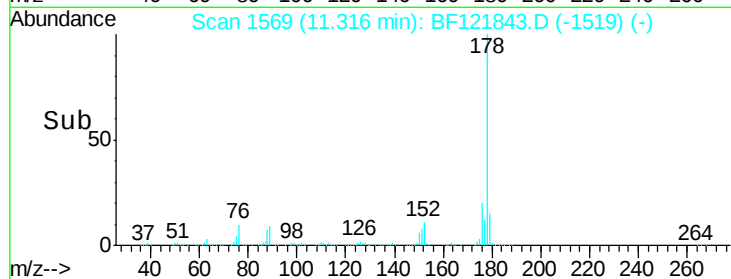
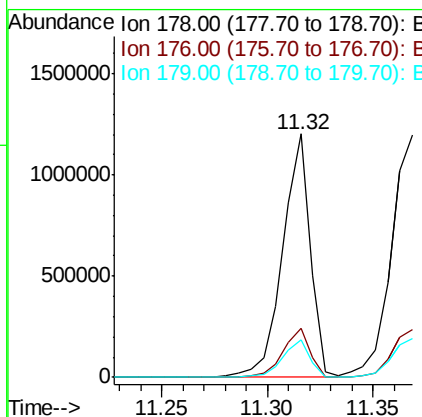
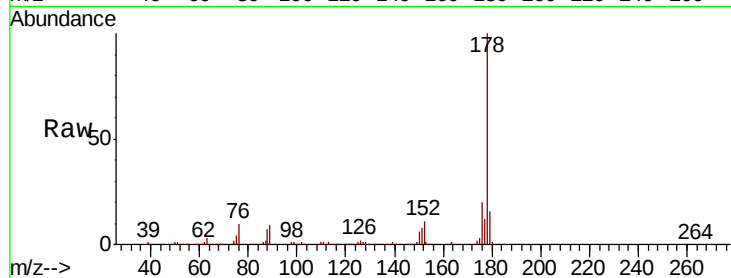




#71
Phenanthrene
Concen: 35.483 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

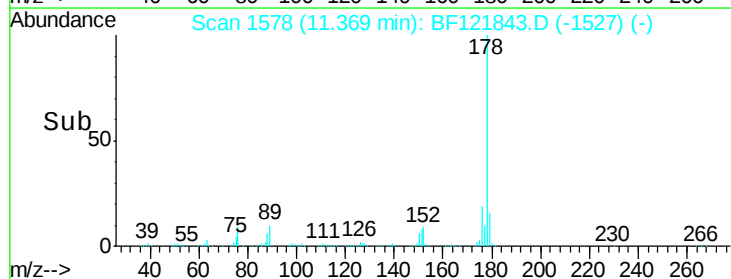
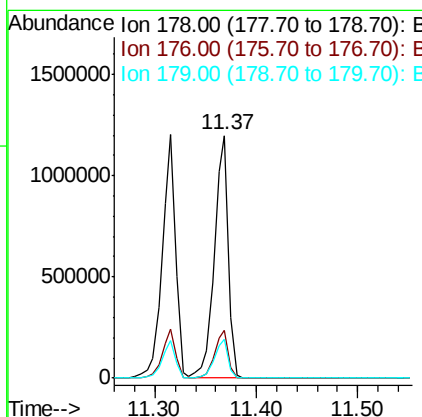
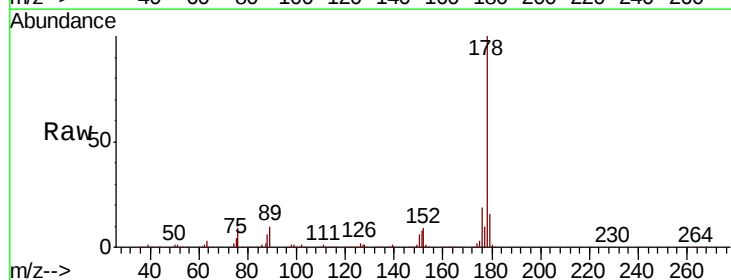
Instrument :
BNA_F
ClientSampleId :
PB132042BS

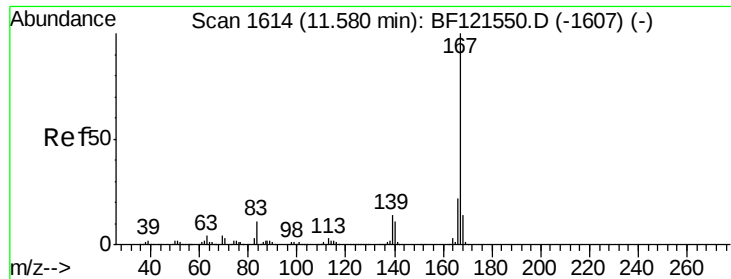
Tot Ion:178 Resp: 1100795
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 15.6 12.2 18.4



#72
Anthracene
Concen: 35.663 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:178 Resp: 1141746
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.7 19.1

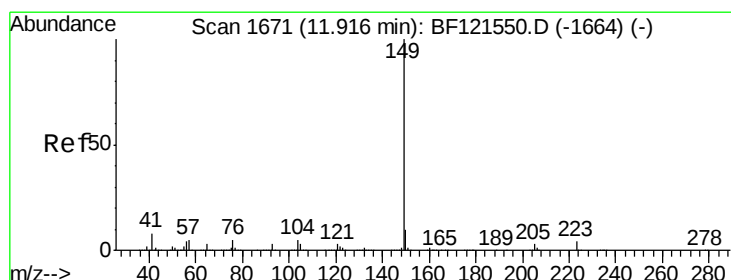
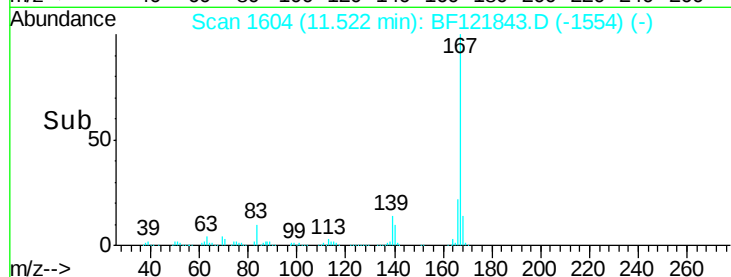
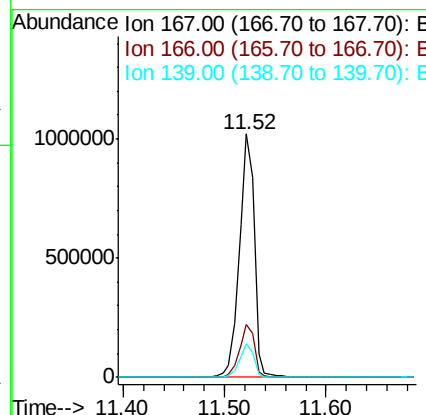
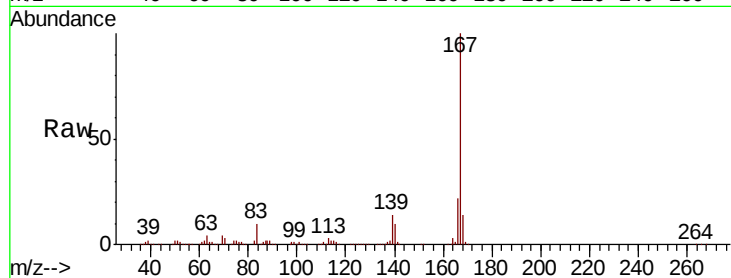




#73
 Carbazole
 Concen: 36.216 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

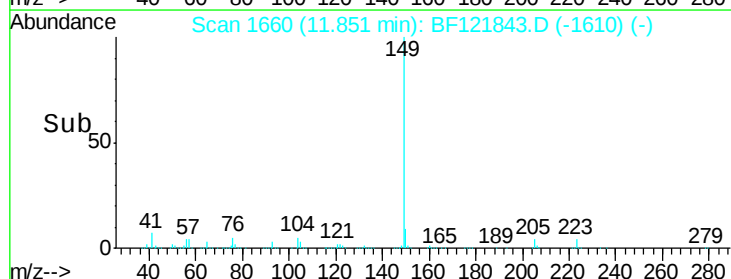
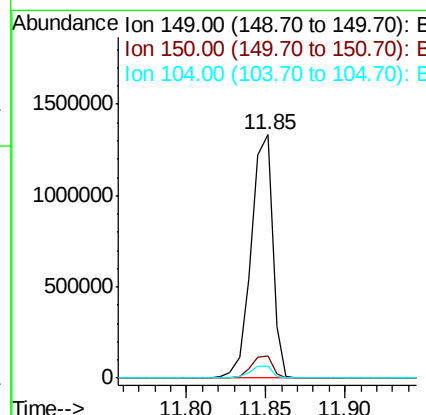
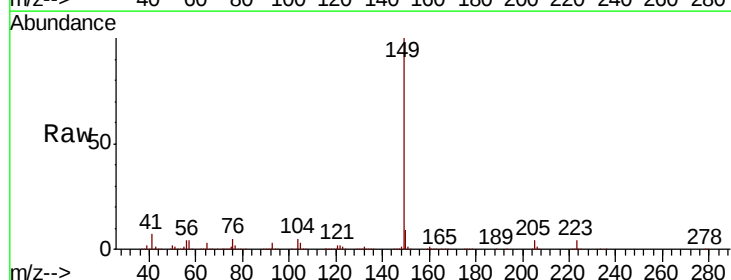
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion:167 Resp: 1046297
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.6
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 37.675 ng
 RT: 11.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:149 Resp: 1256251
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.0 4.2 6.2

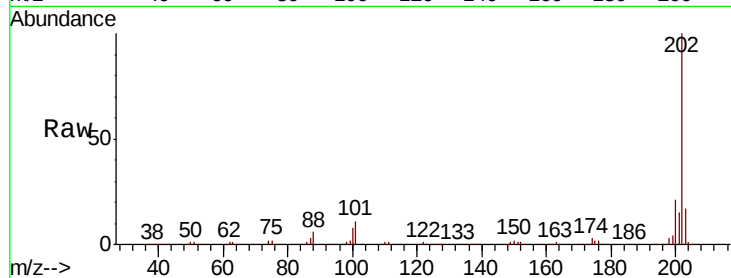




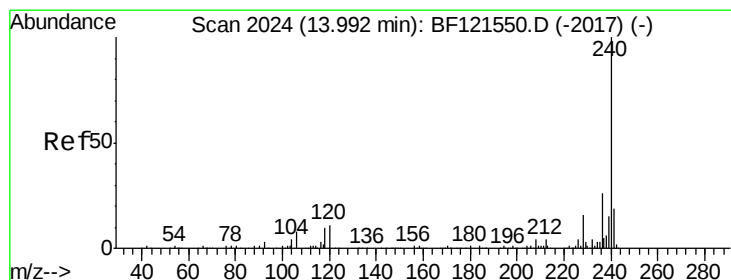
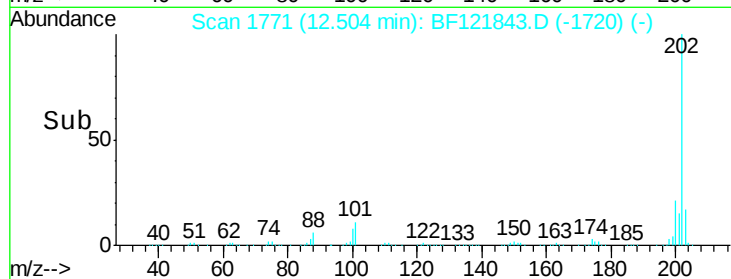
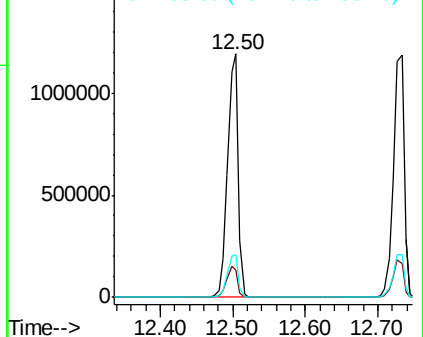
#75
Fluoranthene
Concen: 36.685 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:202 Resp: 1214914
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.4
203 17.5 0.0 37.9

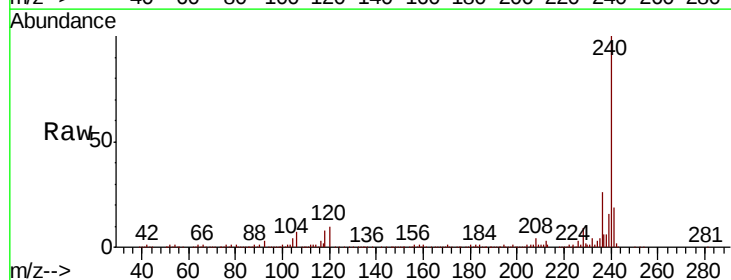


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

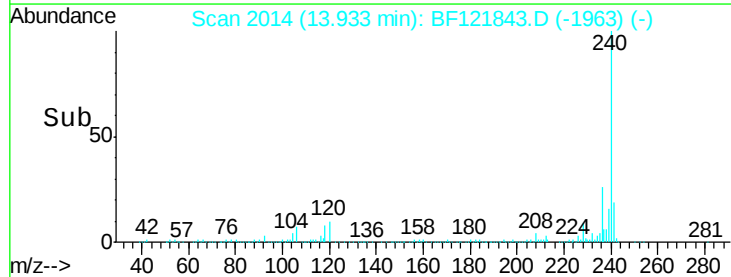
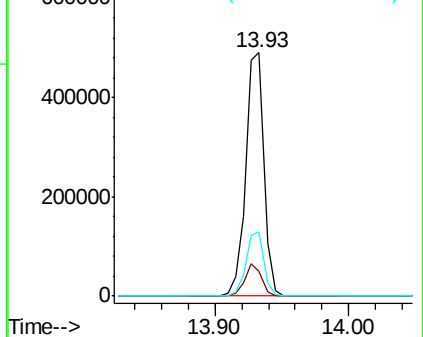


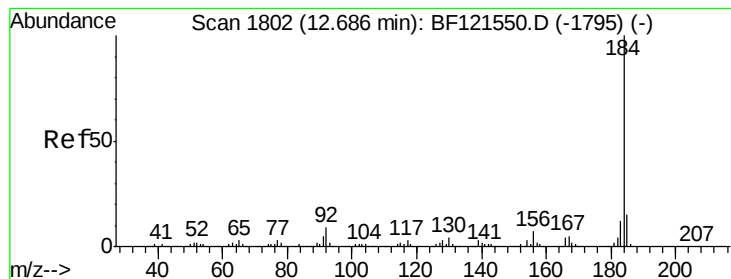
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:240 Resp: 457861
Ion Ratio Lower Upper
240 100
120 10.1 9.2 13.8
236 26.3 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

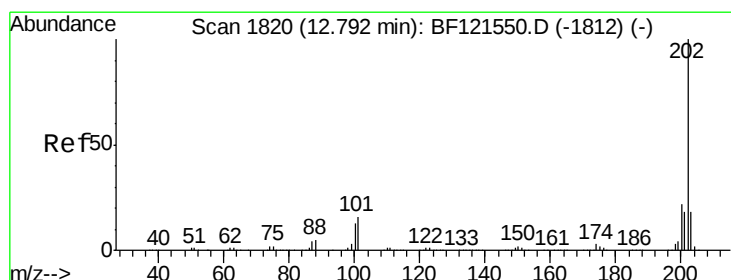
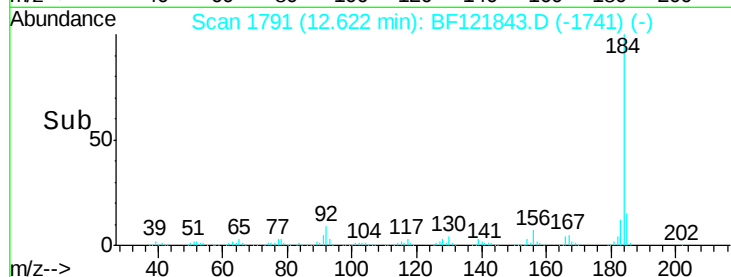
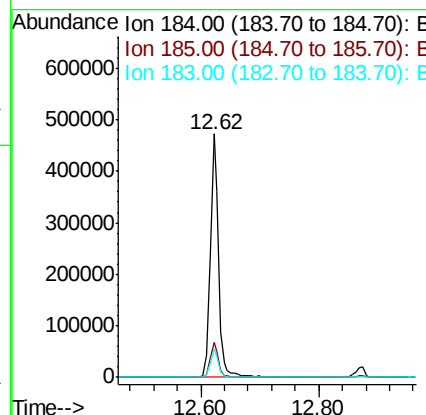
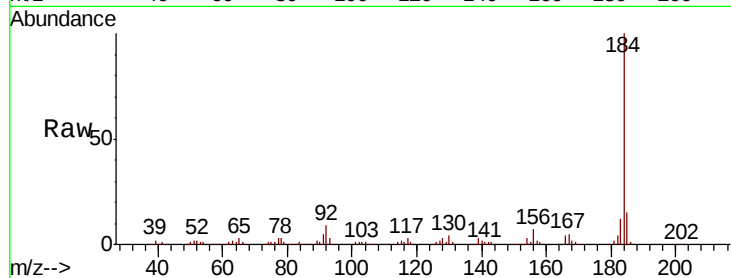




#77
Benzidine
Concen: 30.475 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

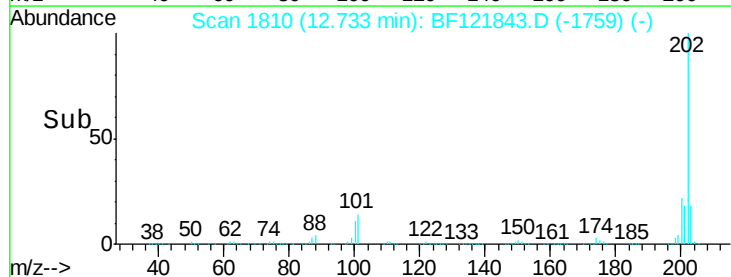
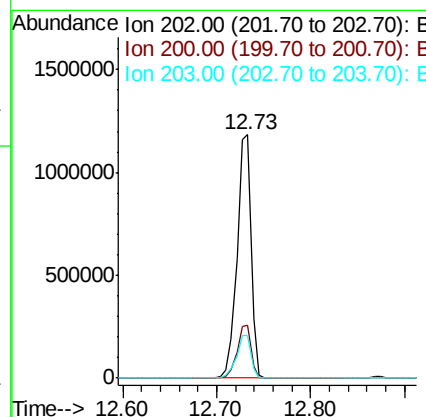
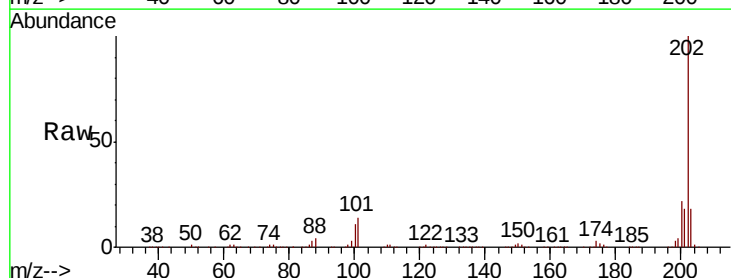
Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:184 Resp: 462581
Ion Ratio Lower Upper
184 100
185 14.6 11.6 17.4
183 11.8 9.4 14.0



#78
Pyrene
Concen: 36.712 ng
RT: 12.73 min Scan# 1810
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:202 Resp: 1228126
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.6 21.8





#79

Terphenyl-d14

Concen: 75.710 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

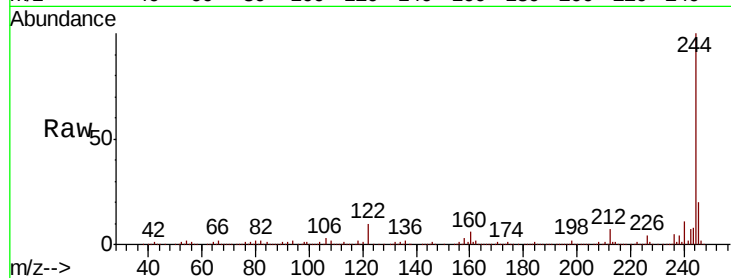
Tot Ion:244 Resp: 1711069

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

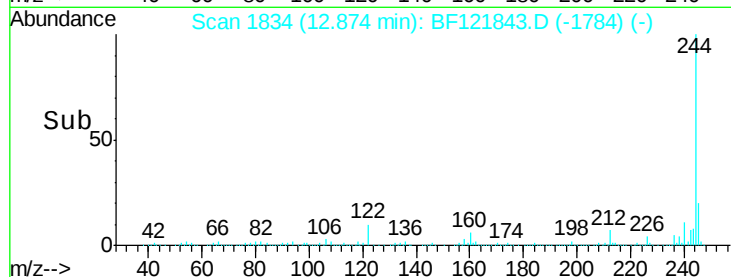
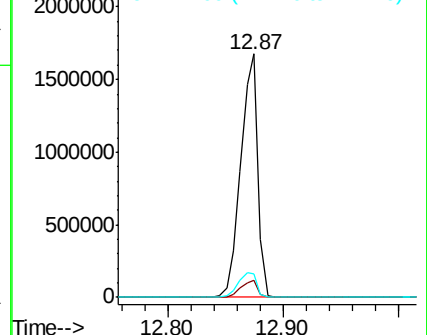
122 9.8 8.1 12.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.276 ng

RT: 13.35 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

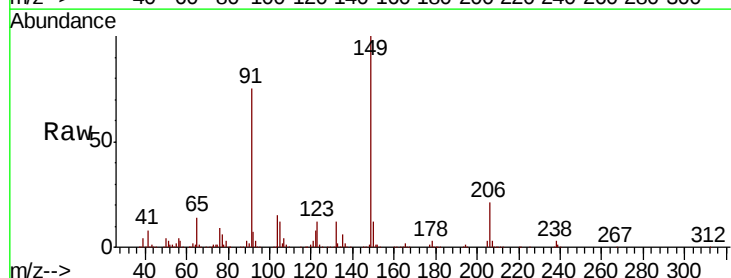
Tgt Ion:149 Resp: 544914

Ion Ratio Lower Upper

149 100

91 75.5 61.0 91.4

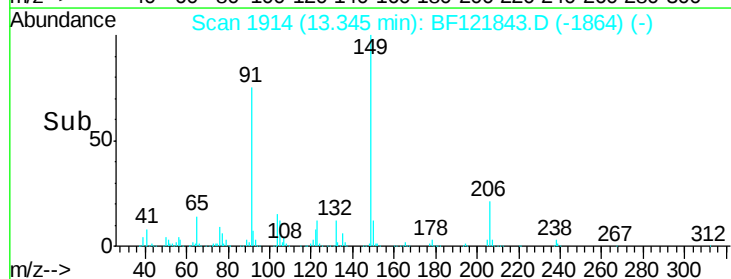
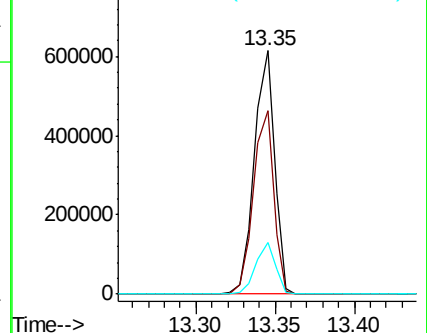
206 21.0 16.7 25.1

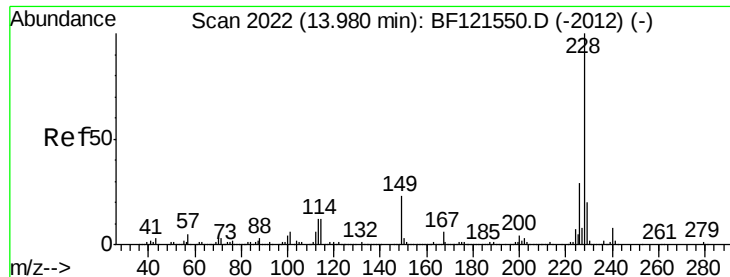


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

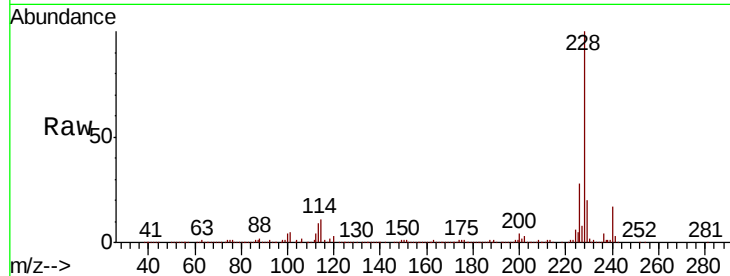




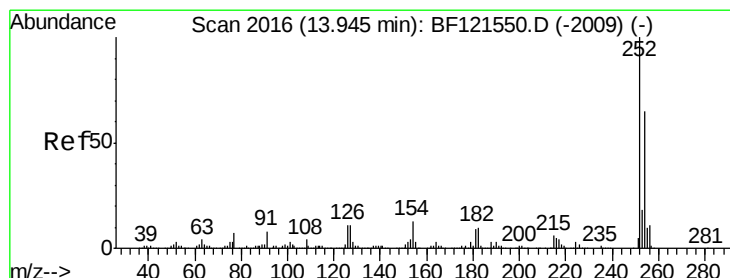
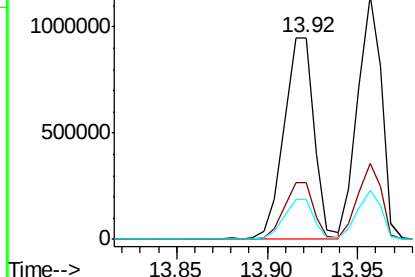
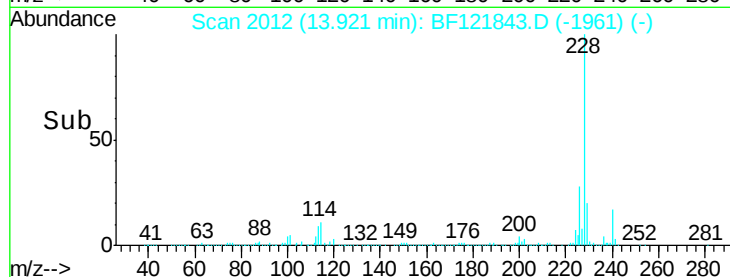
#81
Benzo(a)anthracene
Concen: 38.427 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Instrument :
BNA_F
ClientSampleId :
PB132042BS

Tot Ion:228 Resp: 1113109
Ion Ratio Lower Upper
228 100
226 28.2 22.3 33.5
229 19.9 16.2 24.4

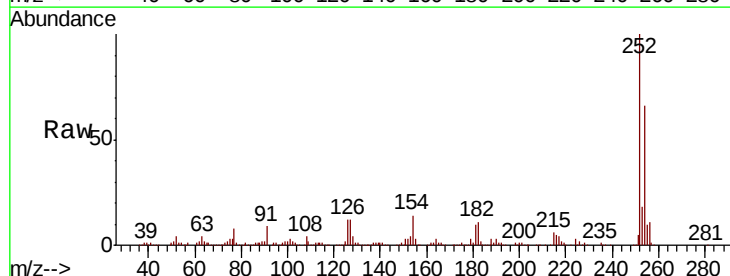


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

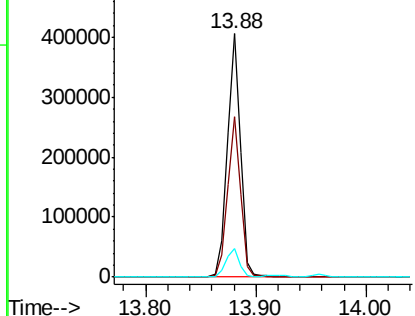
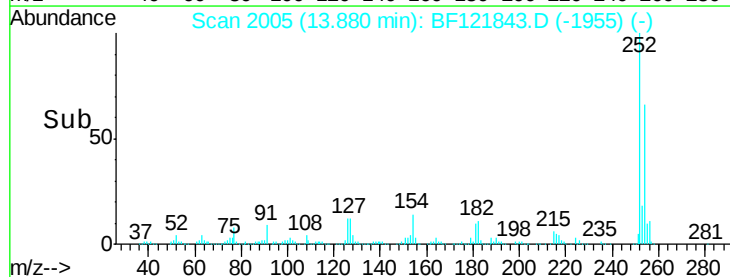


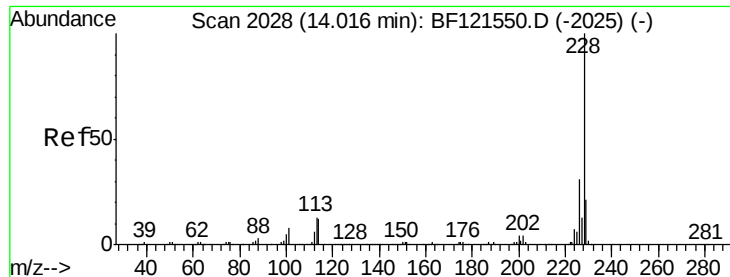
#82
3,3'-Dichlorobenzidine
Concen: 30.094 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:252 Resp: 340319
Ion Ratio Lower Upper
252 100
254 66.0 51.8 77.6
126 12.0 8.8 13.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 36.200 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

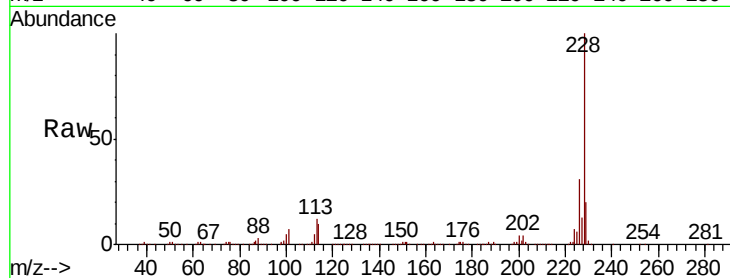
Tot Ion:228 Resp: 1061824

Ion Ratio Lower Upper

228 100

226 31.2 24.6 37.0

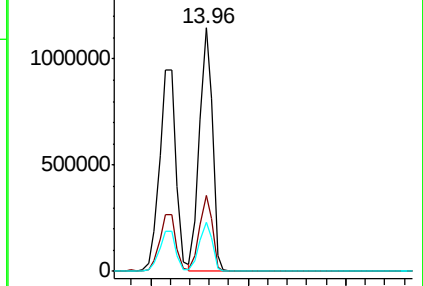
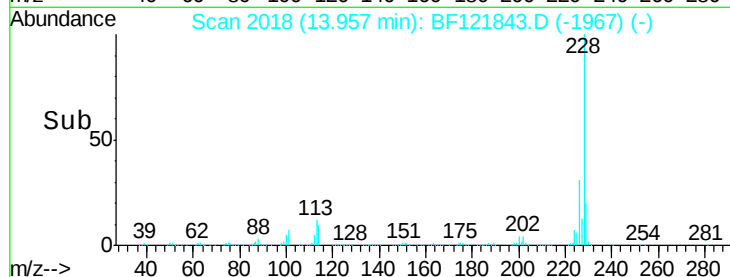
229 20.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.547 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

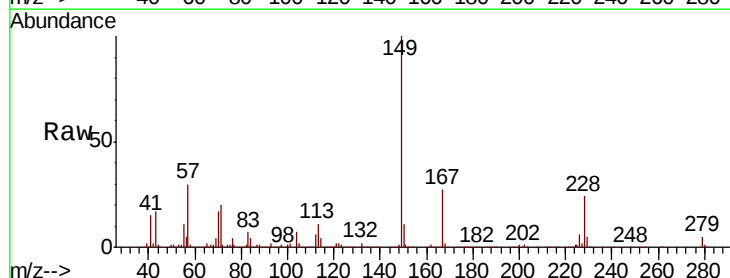
Tgt Ion:149 Resp: 750923

Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

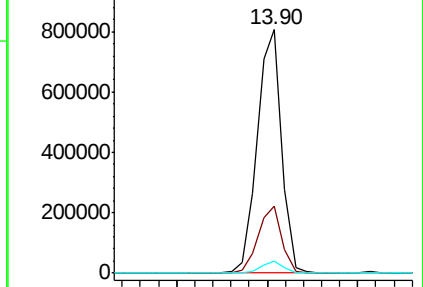
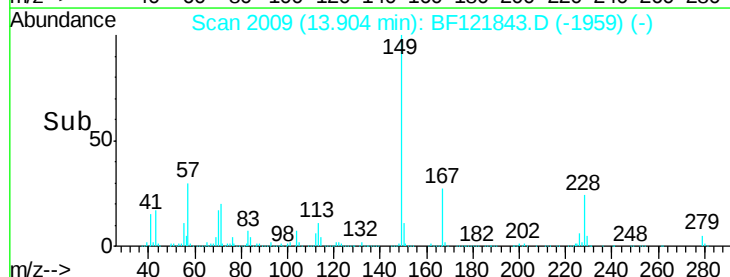
279 5.0 3.2 4.8#

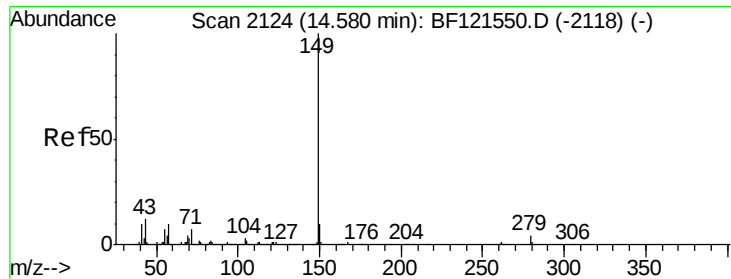


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.142 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

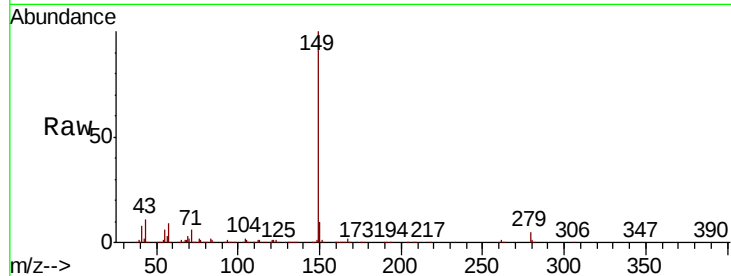
Tot Ion:149 Resp: 1280424

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

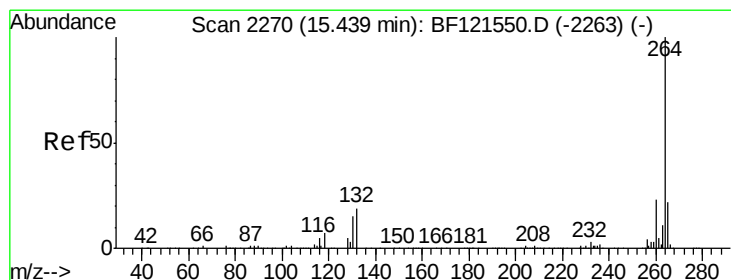
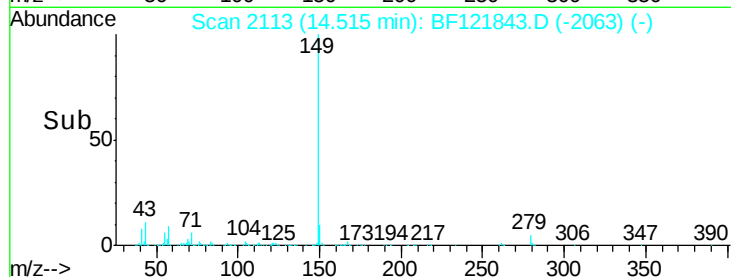
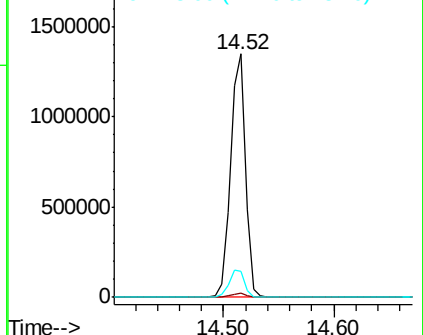
43 11.5 9.0 13.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

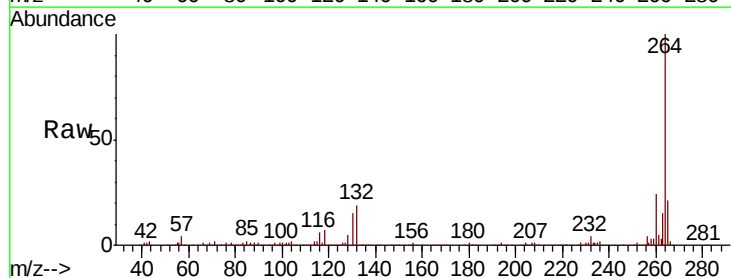
Tgt Ion:264 Resp: 392647

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

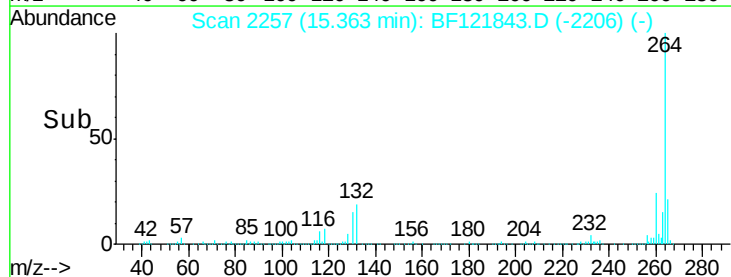
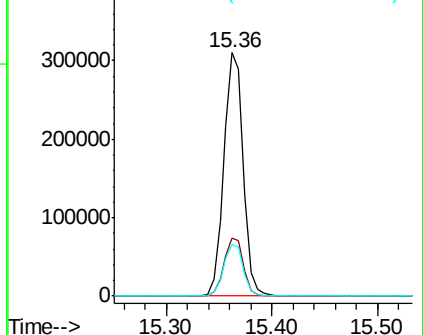
265 21.2 17.3 25.9

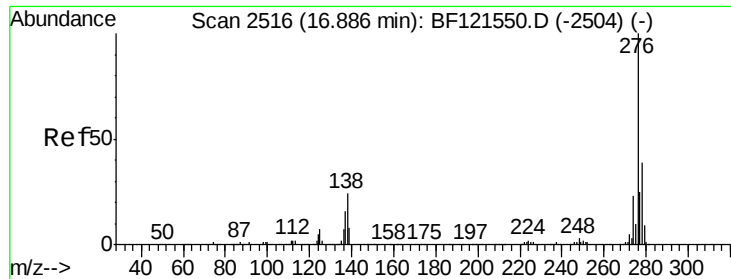


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

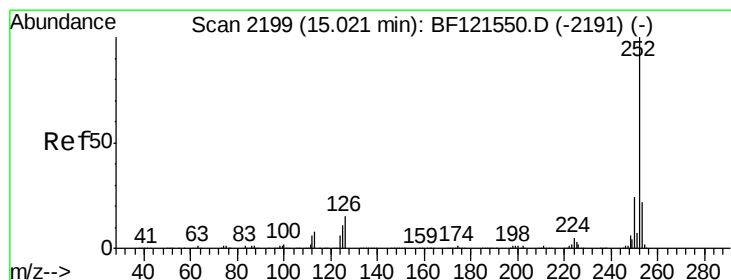
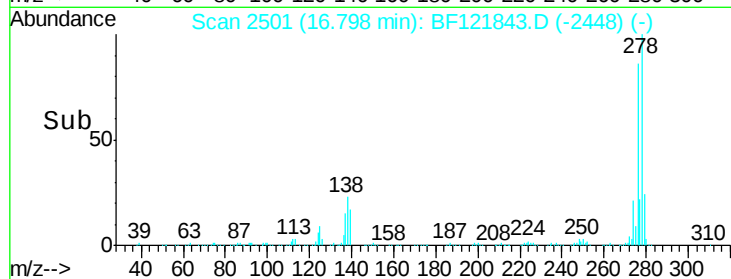
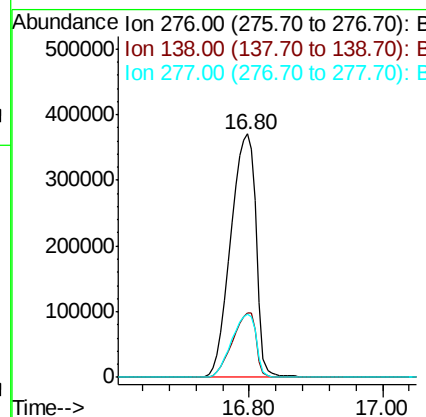
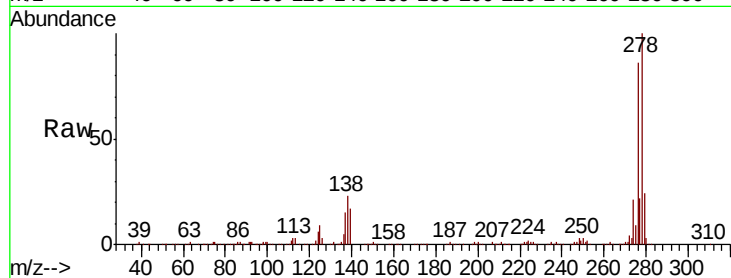




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.918 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

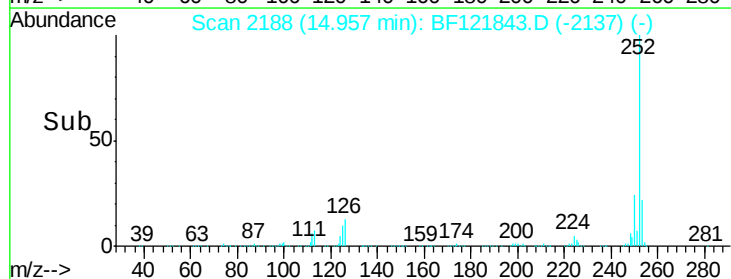
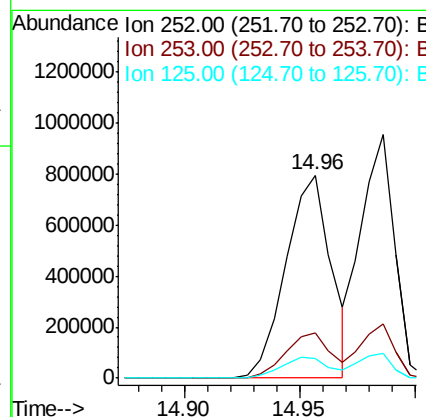
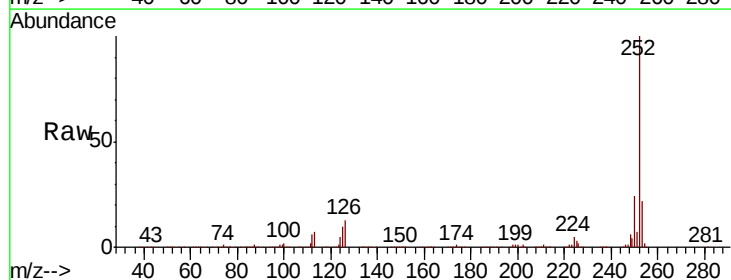
Instrument :
 BNA_F
 ClientSampleId :
 PB132042BS

Tot Ion:276 Resp: 995150
 Ion Ratio Lower Upper
 276 100
 138 24.9 19.9 29.9
 277 25.3 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 41.241 ng
 RT: 14.96 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BF121843.D
 Acq: 6 Oct 2020 10:04

Tgt Ion:252 Resp: 1082537
 Ion Ratio Lower Upper
 252 100
 253 22.3 18.2 27.2
 125 9.9 8.0 12.0

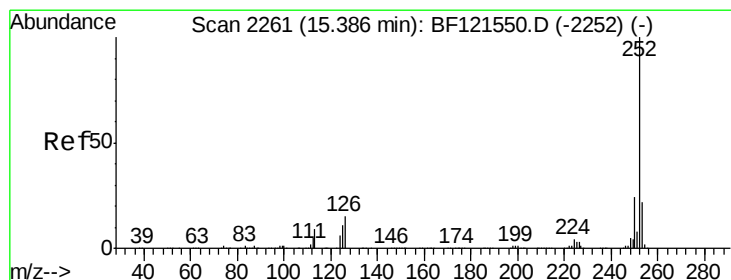
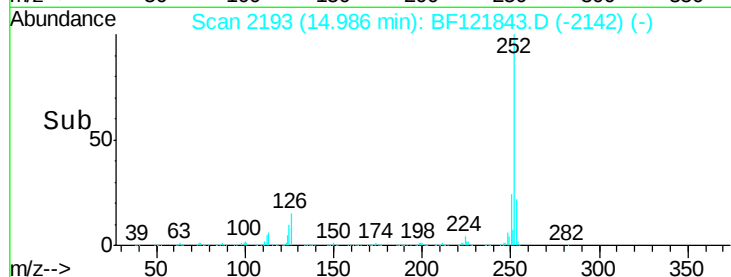
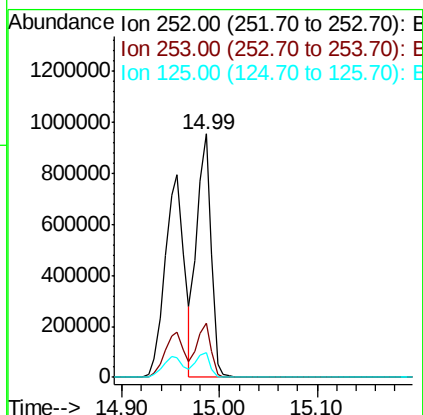
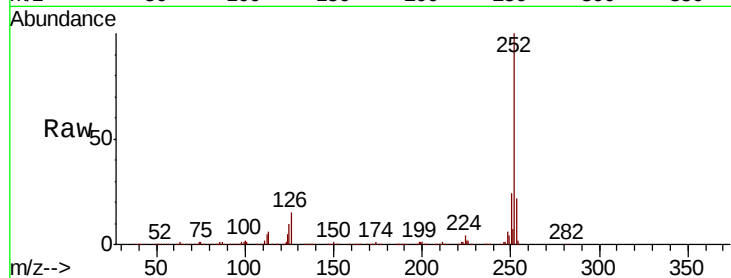




#89
Benzo(k)fluoranthene
Concen: 40.471 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

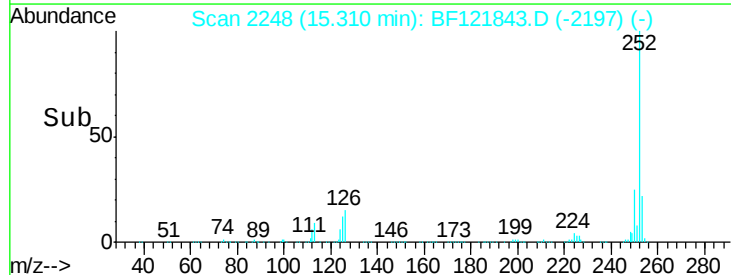
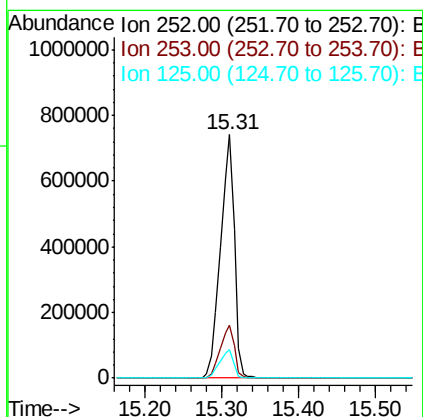
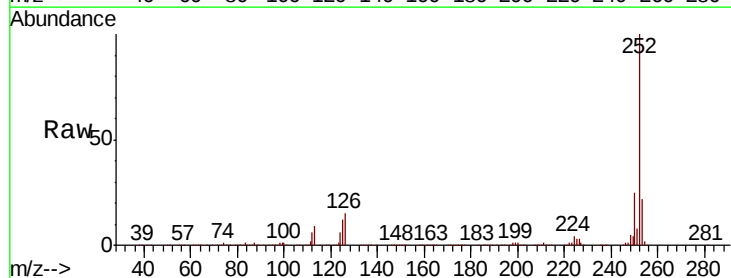
Instrument :
BNA_F
ClientSampleId :
PB132042BS

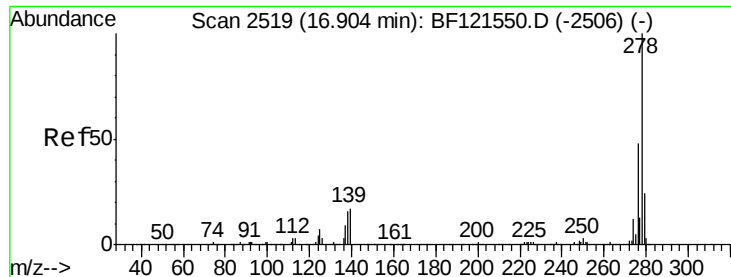
Tot Ion:252 Resp: 972799
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.3 7.7 11.5



#90
Benzo(a)pyrene
Concen: 41.498 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF121843.D
Acq: 6 Oct 2020 10:04

Tgt Ion:252 Resp: 925920
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 11.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.237 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

Instrument :

BNA_F

ClientSampleId :

PB132042BS

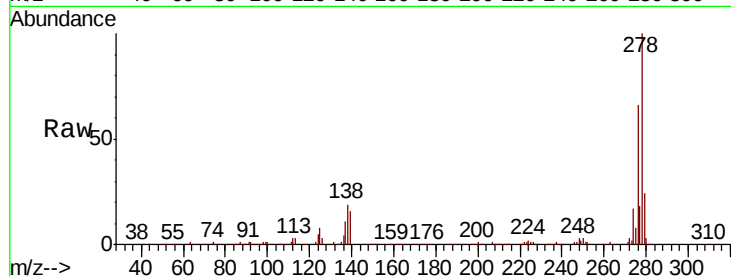
Tot Ion:278 Resp: 835176

Ion Ratio Lower Upper

278 100

139 15.8 13.0 19.4

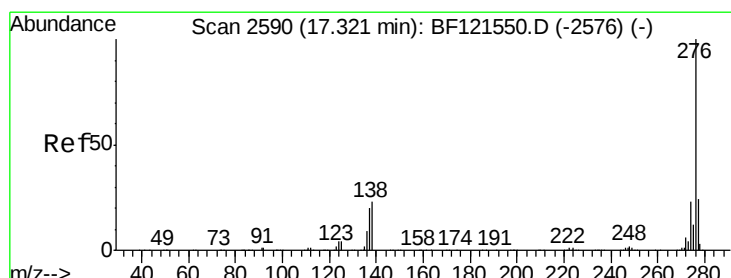
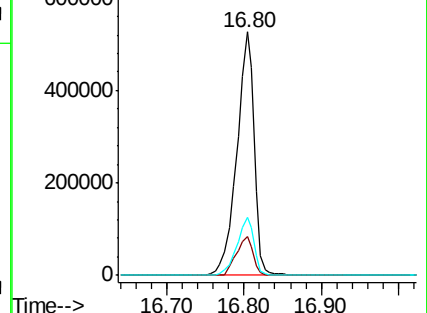
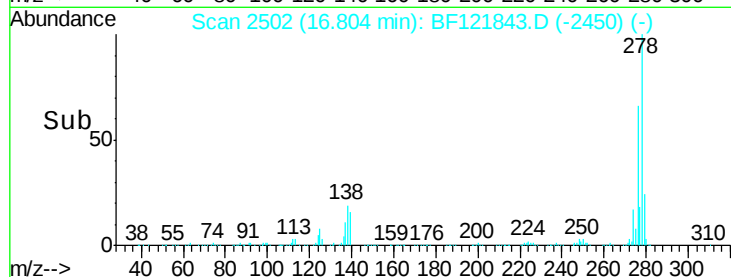
279 23.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.132 ng

RT: 17.22 min Scan# 2573

Delta R.T. 0.01 min

Lab File: BF121843.D

Acq: 6 Oct 2020 10:04

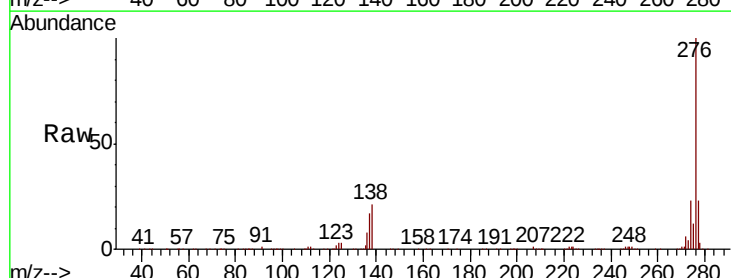
Tgt Ion:276 Resp: 818759

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 20.7 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

