

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
 Data File : BF121332.D
 Acq On : 19 Aug 2020 22:02
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

Quant Time: Aug 20 05:30:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	164694	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	605816	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	314823	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	597522	20.00	ng	0.00
76) Chrysene-d12	13.84	240	455584	20.00	ng	0.00
86) Perylene-d12	15.25	264	462352	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	726839	72.37	ng	0.00
7) Phenol-d6	6.34	99	924983	72.14	ng	0.00
23) Nitrobenzene-d5	7.26	82	783307	73.13	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	273777	74.63	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1323688	79.95	ng	0.00
79) Terphenyl-d14	12.79	244	1483611	63.64	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	166705	36.678	ng	100
3) Pyridine	3.02	79	460569	37.756	ng	100
4) n-Nitrosodimethylamine	2.98	42	188367	37.939	ng	98
6) Aniline	6.36	93	542099	36.615	ng	# 87
8) 2-Chlorophenol	6.48	128	388552	37.013	ng	99
9) Benzaldehyde	6.25	77	275102	38.138	ng	100
10) Phenol	6.35	94	462793	34.423	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	377463	36.455	ng	96
12) 1,3-Dichlorobenzene	6.63	146	428306	36.417	ng	99
13) 1,4-Dichlorobenzene	6.71	146	433203	36.486	ng	99
14) 1,2-Dichlorobenzene	6.86	146	393151	34.770	ng	100
15) Benzyl Alcohol	6.85	79	279773	36.265	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	554503	36.371	ng	99
17) 2-Methylphenol	6.96	107	313663	36.212	ng	99
18) Hexachloroethane	7.20	117	160987	36.415	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	239570	34.741	ng	99
20) 3+4-Methylphenols	7.12	107	352937	40.307	ng	96
22) Acetophenone	7.11	105	497674	35.138	ng	100
24) Nitrobenzene	7.28	77	403525	36.961	ng	100
25) Isophorone	7.52	82	704479	36.139	ng	99
26) 2-Nitrophenol	7.60	139	211656	37.801	ng	100
27) 2,4-Dimethylphenol	7.64	122	295520	36.988	ng	97
28) bis(2-Chloroethoxy)methane	7.73	93	483431	36.431	ng	99
29) 2,4-Dichlorophenol	7.84	162	323976	37.141	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	359239	36.014	ng	98
31) Naphthalene	8.00	128	1080715	35.843	ng	100
32) Benzoic acid	7.79	122	236876	39.405	ng	99
33) 4-Chloroaniline	8.05	127	486500	36.439	ng	97
34) Hexachlorobutadiene	8.12	225	213952	36.243	ng	99
35) Caprolactam	8.43	113	111240	38.938	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	327031	37.069	ng	99
37) 2-Methylnaphthalene	8.69	142	708621	36.260	ng	100
38) 1-Methylnaphthalene	8.79	142	674901	36.321	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	341661	36.565	ng	100

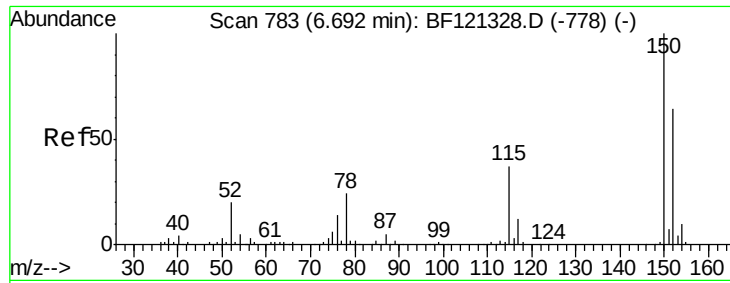
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081920\
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 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	131122	38.875	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	240442	37.640	ng	99
44) 2,4,5-Trichlorophenol	9.01	196	245829	37.405	ng	99
46) 1,1'-Biphenyl	9.15	154	853587	36.175	ng	100
47) 2-Chloronaphthalene	9.17	162	704959	36.263	ng	100
48) 2-Nitroaniline	9.28	65	229541	37.502	ng	87
49) Acenaphthylene	9.59	152	1052178	36.439	ng	100
50) Dimethylphthalate	9.46	163	833351	36.384	ng	100
51) 2,6-Dinitrotoluene	9.52	165	182026	37.212	ng	96
52) Acenaphthene	9.76	154	634690	36.176	ng	98
53) 3-Nitroaniline	9.69	138	226824	37.068	ng	98
54) 2,4-Dinitrophenol	9.80	184	101030	42.842	ng	99
55) Dibenzofuran	9.93	168	919212	40.510	ng	100
56) 4-Nitrophenol	9.86	139	150279	39.821	ng	99
57) 2,4-Dinitrotoluene	9.93	165	225771	37.834	ng	97
58) Fluorene	10.27	166	681275	40.783	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	215045	38.277	ng	99
60) Diethylphthalate	10.16	149	810798	36.252	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	335206	39.674	ng	98
62) 4-Nitroaniline	10.30	138	239904	38.263	ng	100
63) Azobenzene	10.43	77	759625	36.567	ng	100
65) 4,6-Dinitro-2-methylphenol	10.33	198	131014	40.999	ng	98
66) n-Nitrosodiphenylamine	10.39	169	674612	36.602	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	243901	36.798	ng	99
68) Hexachlorobenzene	10.82	284	276899	36.243	ng	99
69) Atrazine	10.92	200	211409	37.028	ng	99
70) Pentachlorophenol	11.02	266	140576	41.354	ng	99
71) Phenanthrene	11.23	178	1083347	35.032	ng	100
72) Anthracene	11.29	178	1070908	35.961	ng	100
73) Carbazole	11.44	167	1030754	36.267	ng	100
74) Di-n-butylphthalate	11.77	149	1267896	36.996	ng	100
75) Fluoranthene	12.42	202	1186840	35.358	ng	99
77) Benzidine	12.54	184	458801	36.553	ng	100
78) Pyrene	12.64	202	1225867	35.821	ng	99
80) Butylbenzylphthalate	13.27	149	548159	37.277	ng	99
81) Benzo(a)anthracene	13.83	228	952173	33.650	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	406513	37.417	ng	99
83) Chrysene	13.87	228	1039527	35.919	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	605278	35.001	ng	100
85) Di-n-octyl phthalate	14.44	149	1218591	38.077	ng	100
87) Indeno(1,2,3-cd)pyrene	16.61	276	1032643	36.589	ng	100
88) Benzo(b)fluoranthene	14.86	252	1065159	35.660	ng	99
89) Benzo(k)fluoranthene	14.89	252	952570	36.229	ng	98
90) Benzo(a)pyrene	15.20	252	946779	36.684	ng	98
91) Dibenzo(a,h)anthracene	16.62	278	833928	36.038	ng	100
92) Benzo(g,h,i)perylene	17.02	276	829862	36.683	ng	100

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

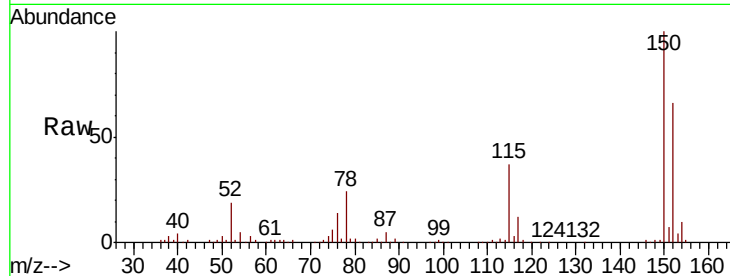


#1

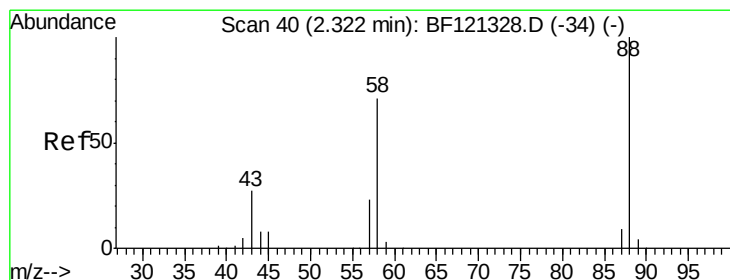
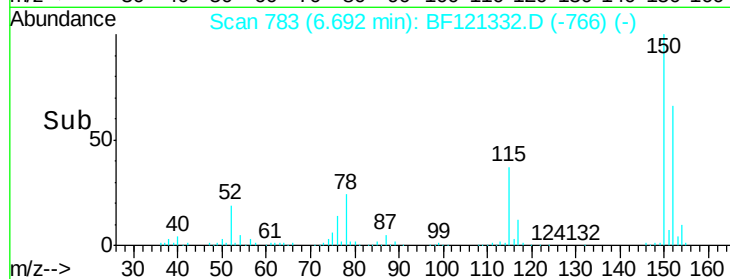
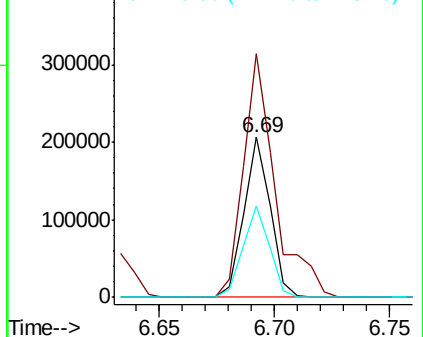
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion:152 Resp: 164694
Ion Ratio Lower Upper
152 100
150 152.2 124.8 187.2
115 56.7 46.1 69.1



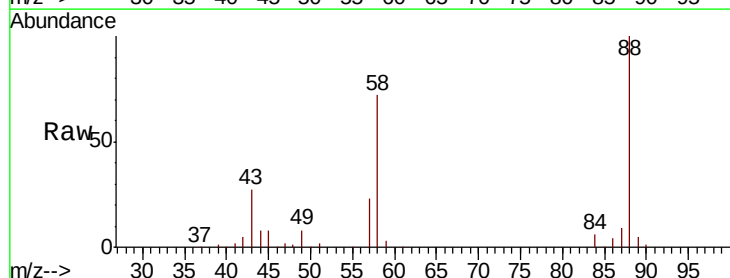
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



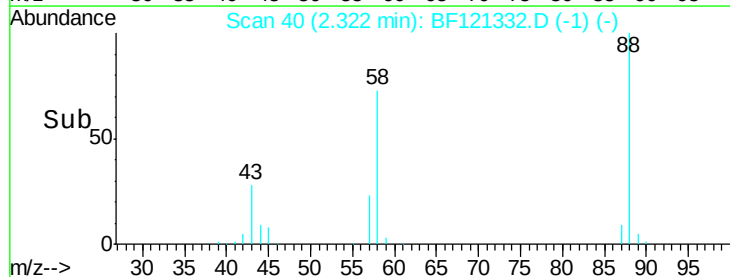
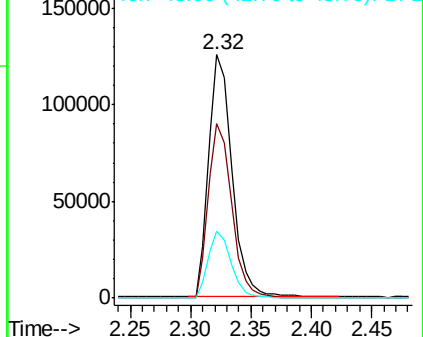
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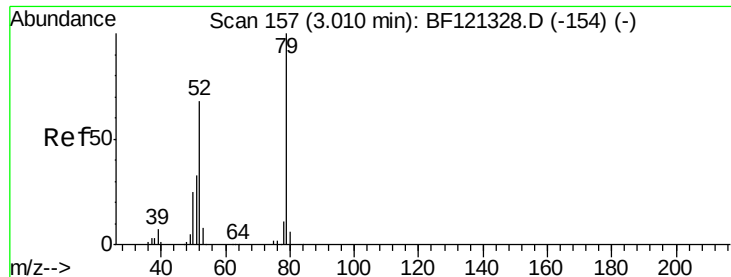
1,4-Dioxane
Concen: 36.678 ng
RT: 2.32 min Scan# 40
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion: 88 Resp: 166705
Ion Ratio Lower Upper
88 100
58 72.7 58.5 87.7
43 27.3 21.8 32.8



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

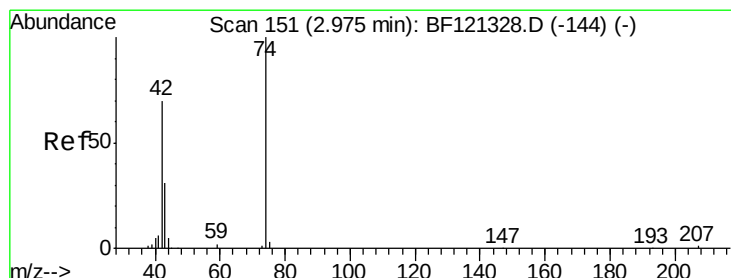
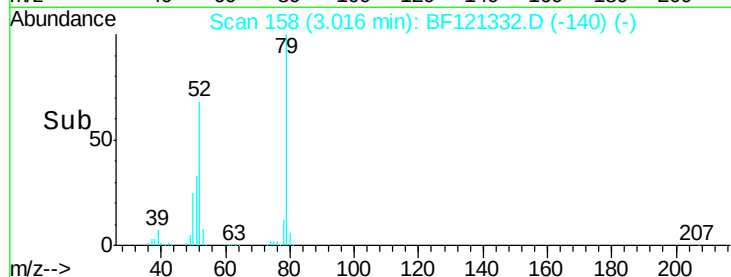
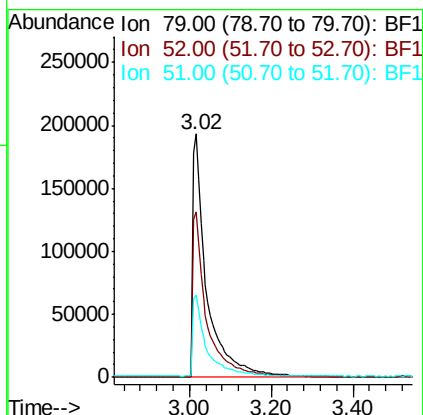
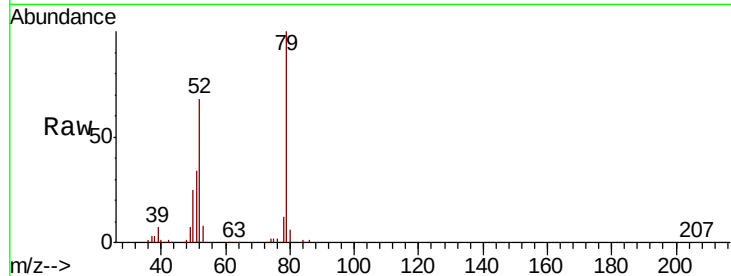




#3
 Pvridine
 Concen: 37.756 ng
 RT: 3.02 min Scan# 158
 Delta R.T. 0.01 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

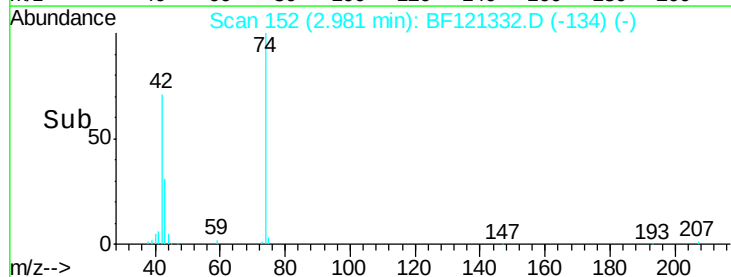
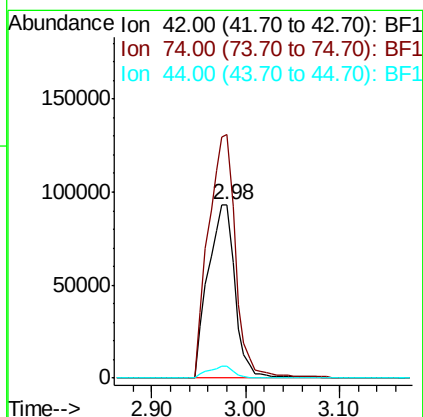
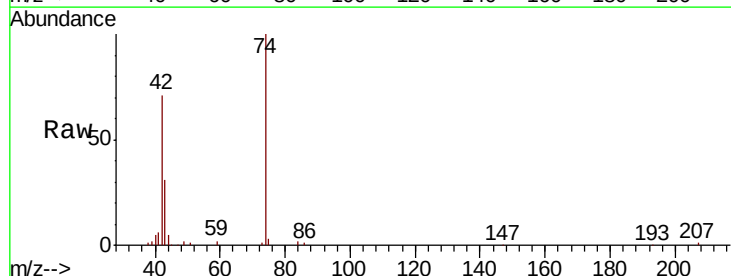
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

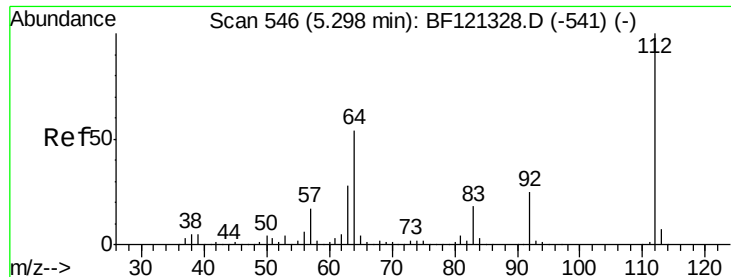
Tot Ion: 79 Resp: 460569
 Ion Ratio Lower Upper
 79 100
 52 68.0 54.6 82.0
 51 33.6 27.0 40.6



#4
 n-Nitrosodimethylamine
 Concen: 37.939 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.01 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion: 42 Resp: 188367
 Ion Ratio Lower Upper
 42 100
 74 140.5 114.2 171.2
 44 6.9 5.4 8.2





#5

2-Fluorophenol

Concen: 72.366 ng

RT: 5.30 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

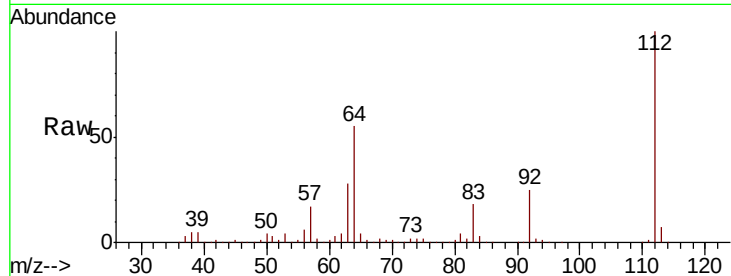
Tot Ion: 112 Resp: 726839

Ion Ratio Lower Upper

112 100

64 54.6 43.5 65.3

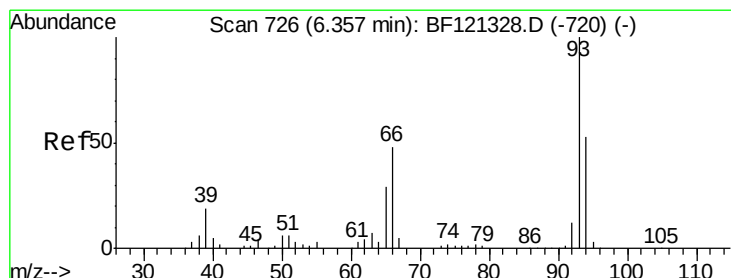
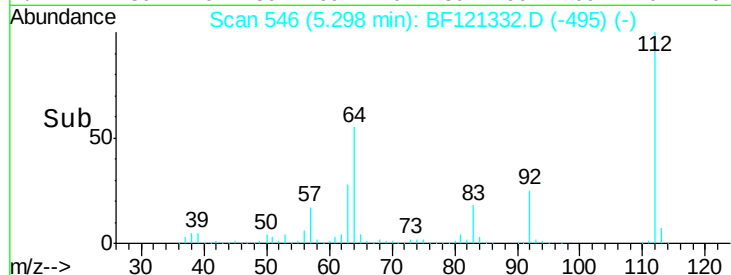
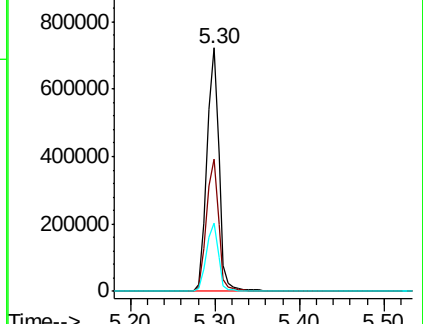
63 27.9 22.0 33.0



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: 36.615 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

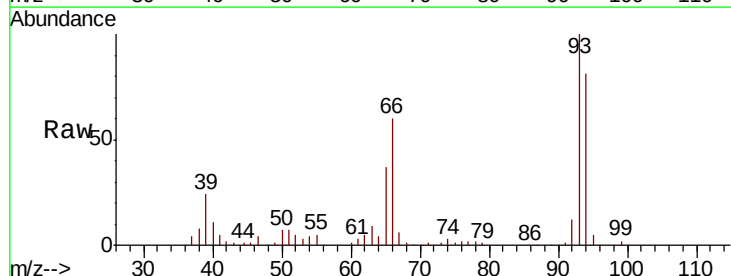
Tgt Ion: 93 Resp: 542099

Ion Ratio Lower Upper

93 100

66 59.6 40.2 60.2

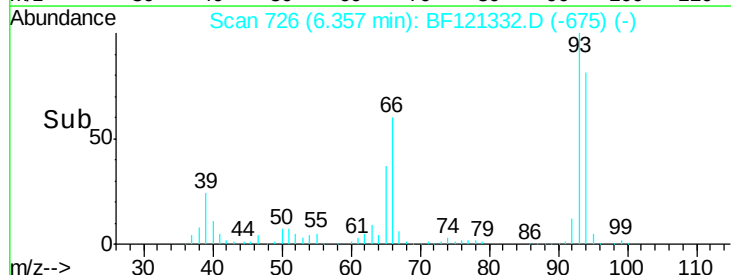
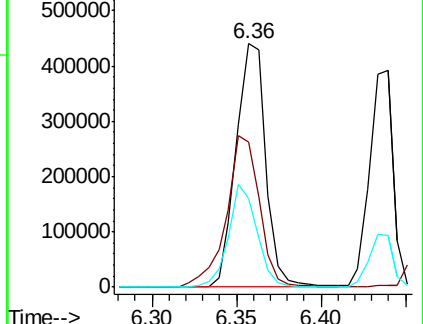
65 36.5 23.6 35.4#

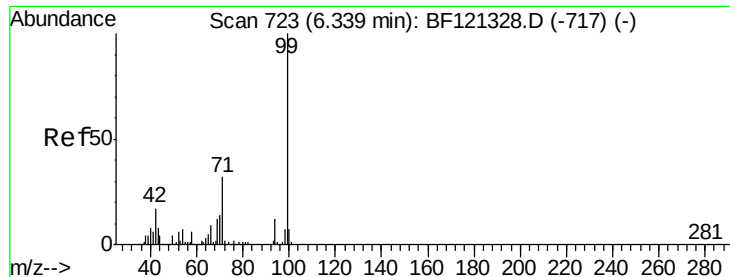


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 72.140 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

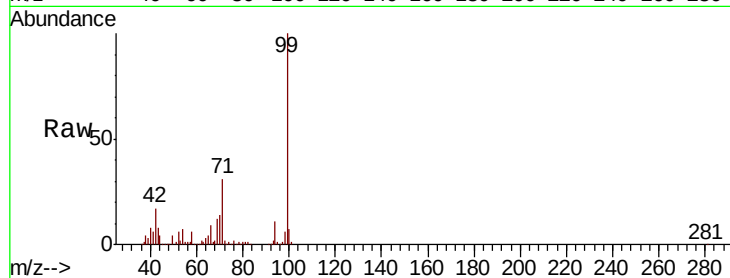
Tot Ion: 99 Resp: 924983

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

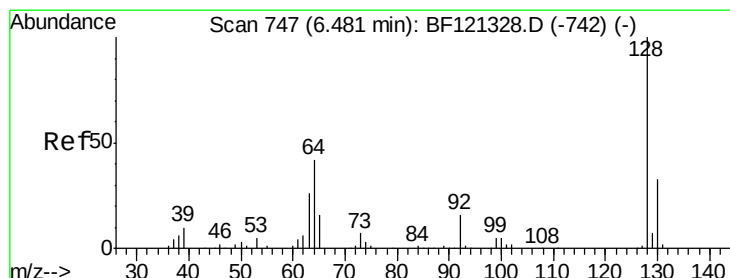
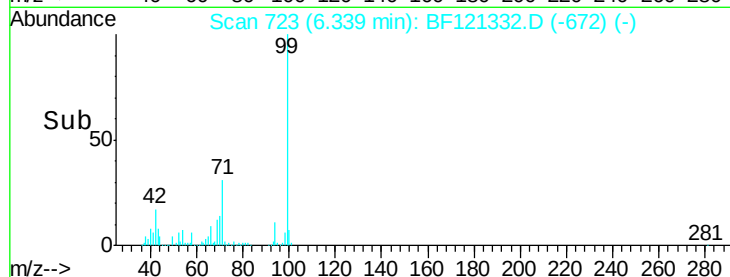
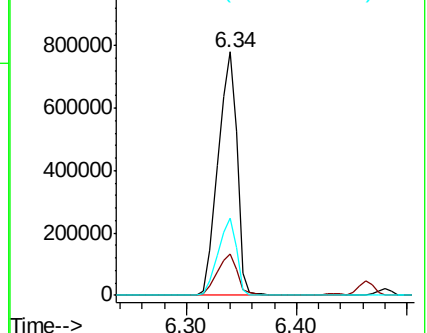
71 31.5 25.2 37.8



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: 37.013 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

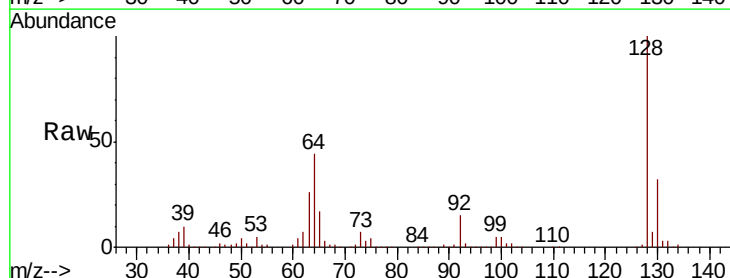
Tgt Ion: 128 Resp: 388552

Ion Ratio Lower Upper

128 100

130 32.3 12.8 52.8

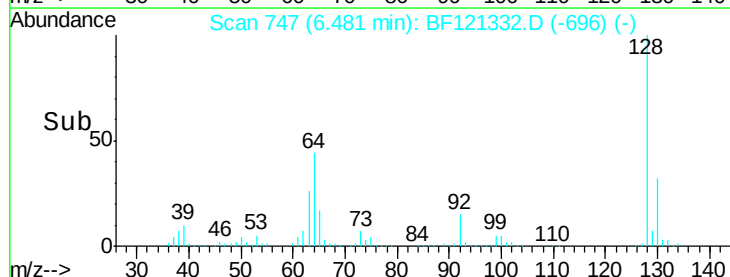
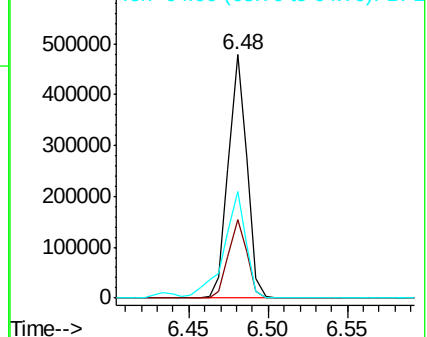
64 43.6 23.4 63.4

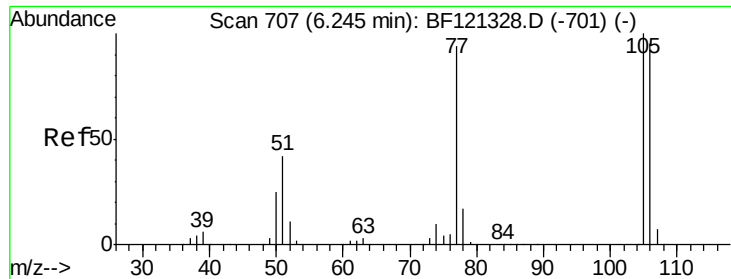


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.138 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

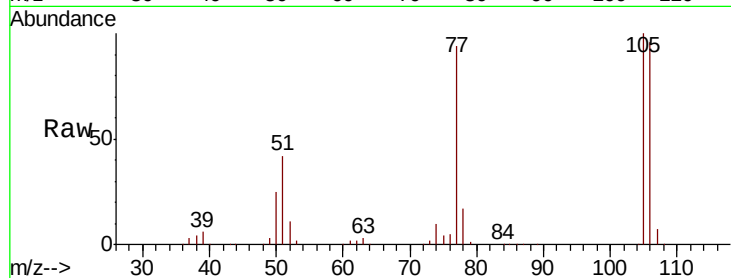
Tot Ion: 77 Resp: 275102

Ion Ratio Lower Upper

77 100

105 105.9 86.3 126.3

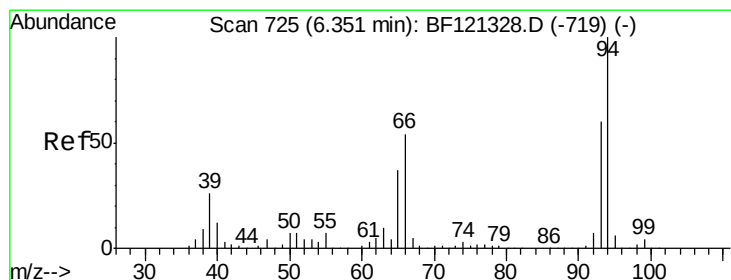
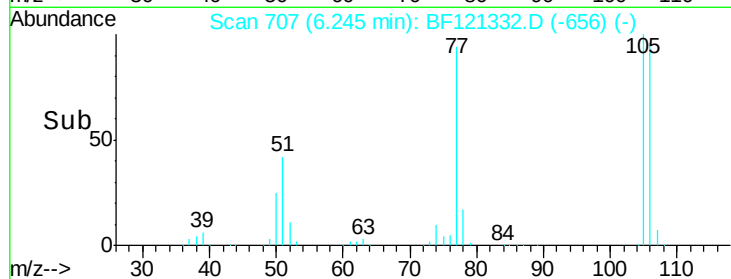
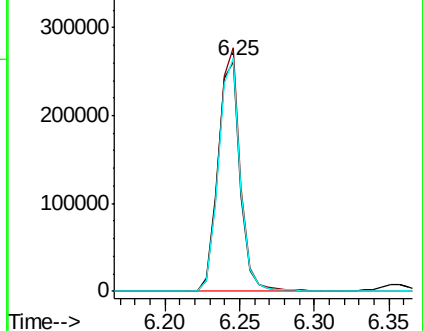
106 101.7 81.2 121.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.423 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

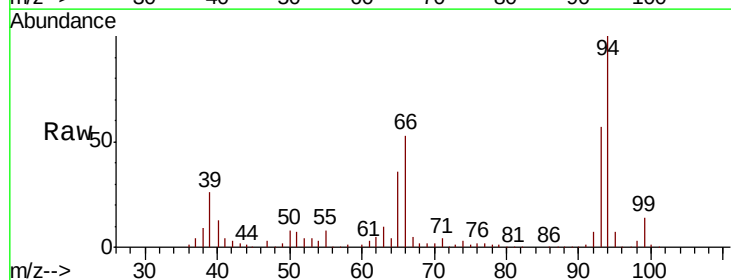
Tgt Ion: 94 Resp: 462793

Ion Ratio Lower Upper

94 100

65 36.2 16.6 56.6

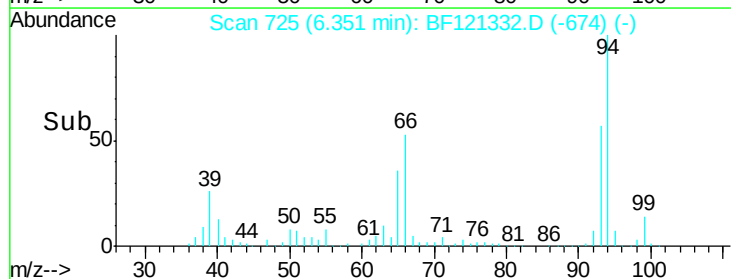
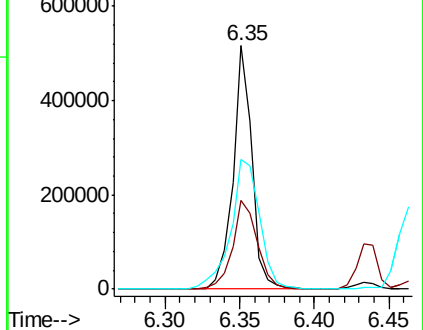
66 53.0 34.3 74.3

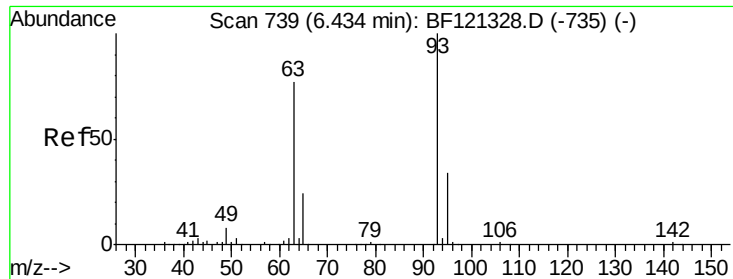


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

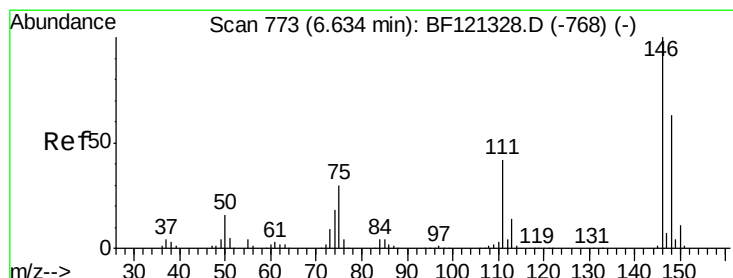
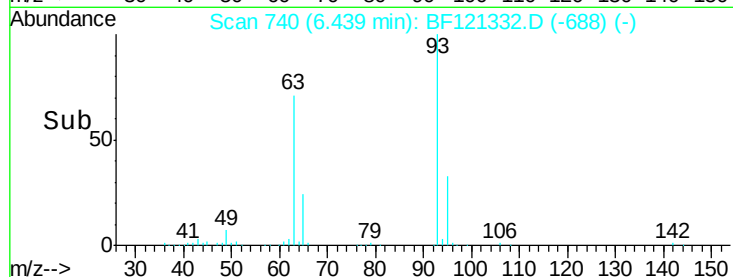
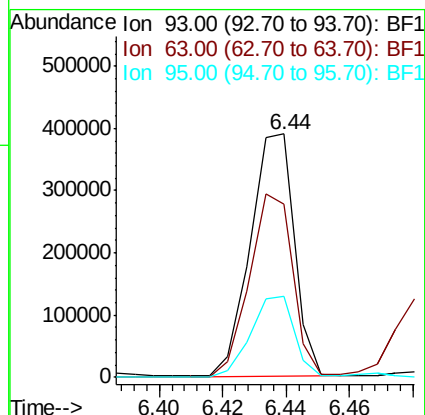
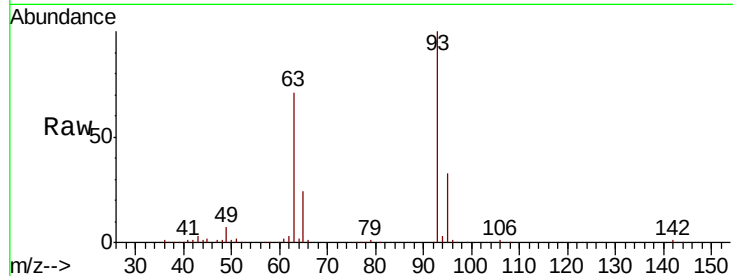




#11
bis(2-Chloroethyl)ether
Concen: 36.455 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

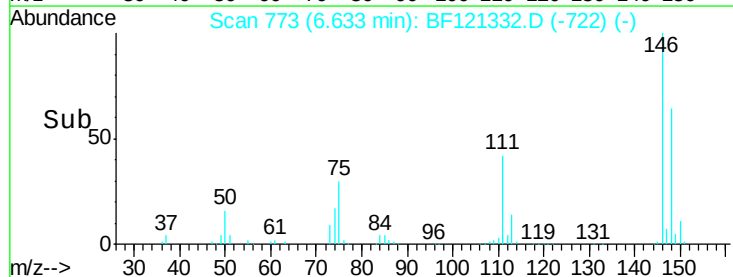
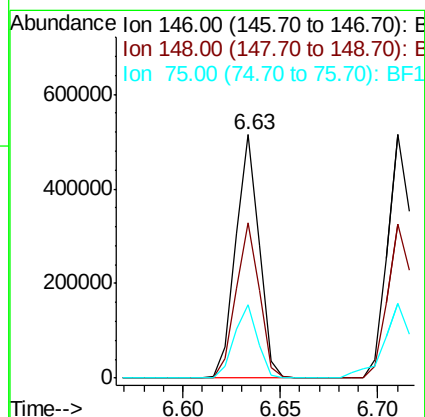
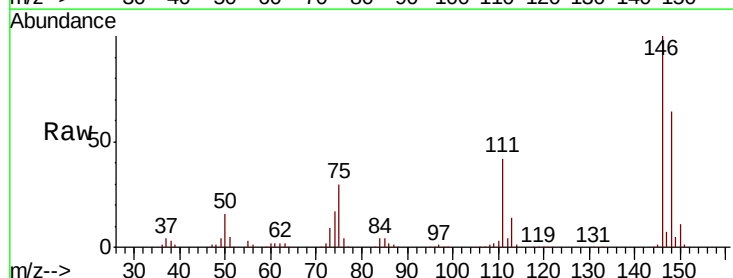
Instrument :
BNA_F
ClientSampleId :
ICVBF081920

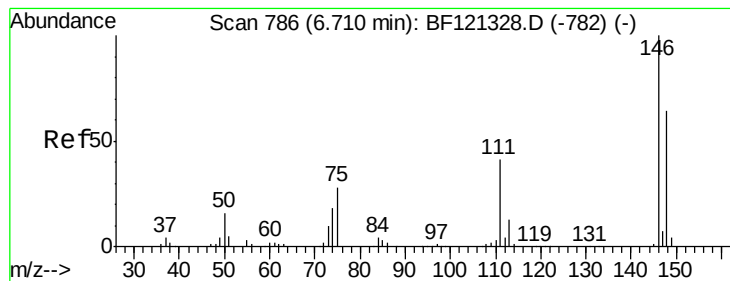
Tot Ion: 93 Resp: 377463
Ion Ratio Lower Upper
93 100
63 71.2 56.4 96.4
95 33.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 36.417 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion: 146 Resp: 428306
Ion Ratio Lower Upper
146 100
148 63.8 50.7 76.1
75 30.2 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 36.486 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

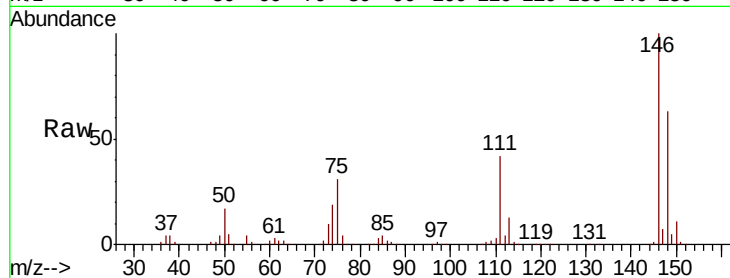
Tot Ion:146 Resp: 433203

Ion Ratio Lower Upper

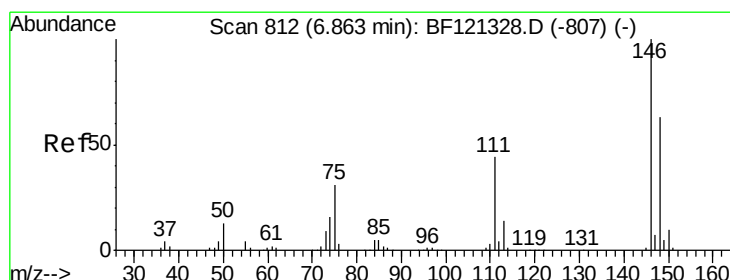
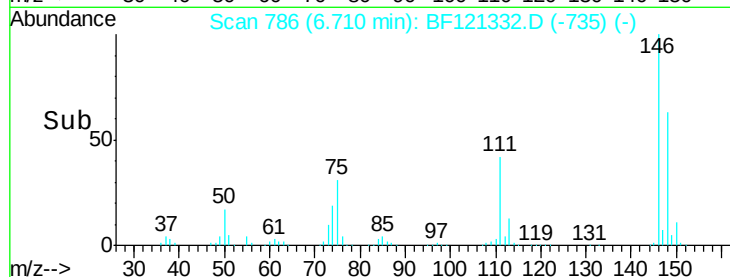
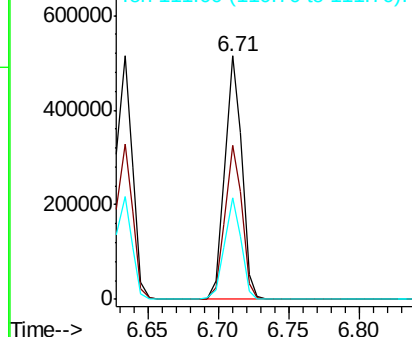
146 100

148 63.3 51.2 76.8

111 41.5 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.770 ng

RT: 6.86 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

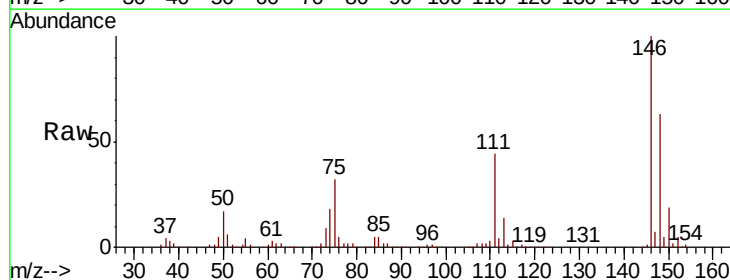
Tgt Ion:146 Resp: 393151

Ion Ratio Lower Upper

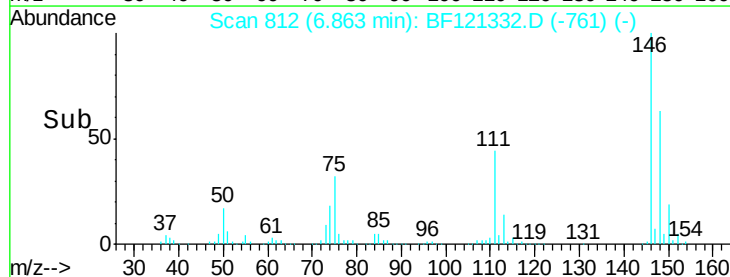
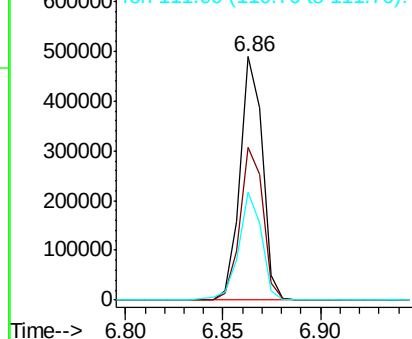
146 100

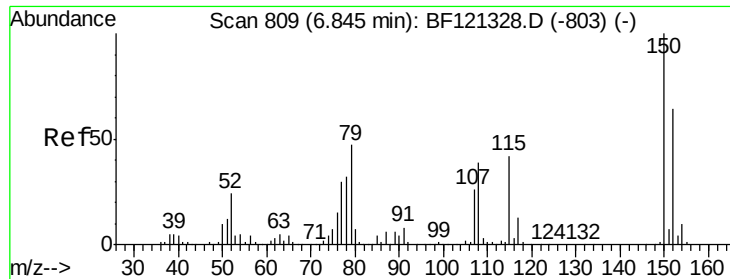
148 62.8 50.3 75.5

111 44.3 35.5 53.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

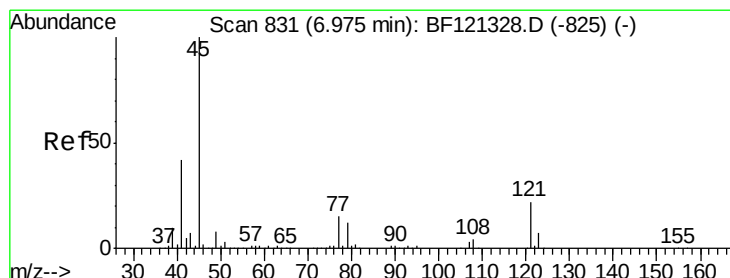
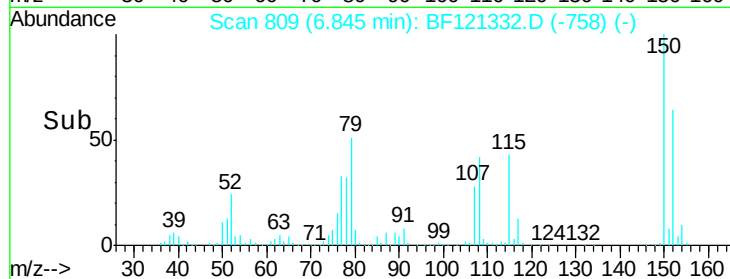
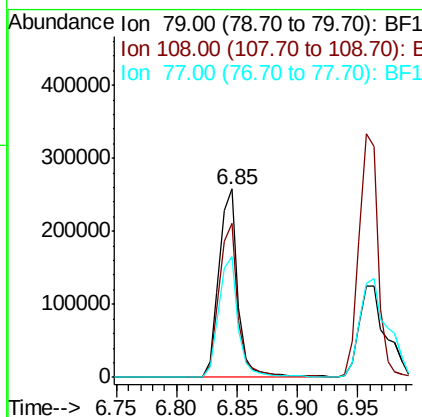
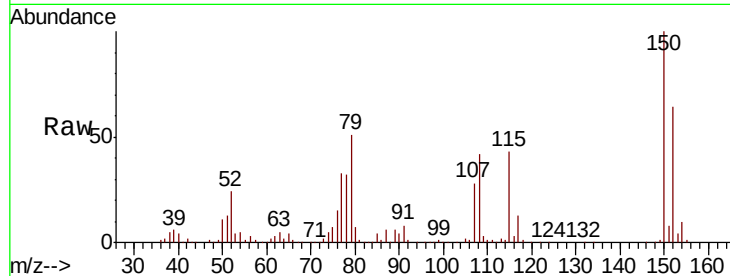




#15
Benzyl Alcohol
Concen: 36.265 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

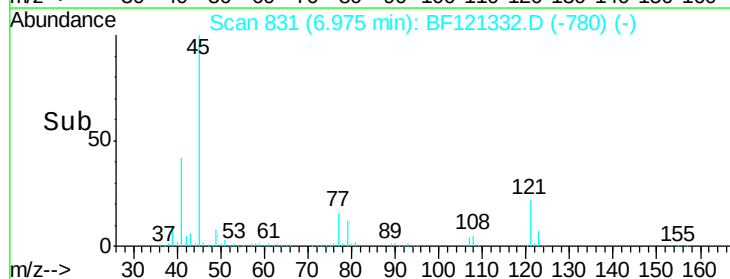
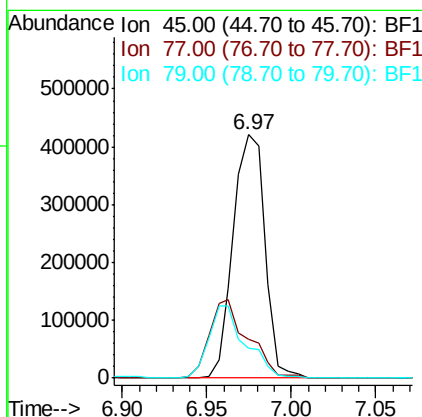
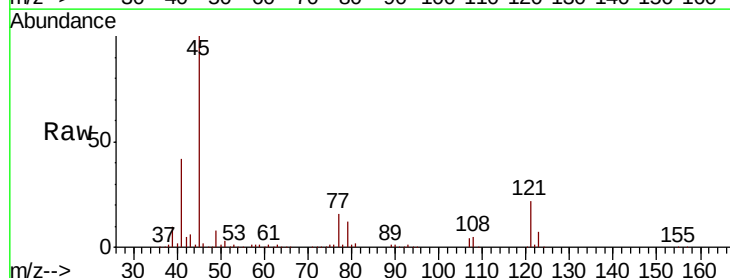
Instrument :
BNA_F
ClientSampleId :
ICVBF081920

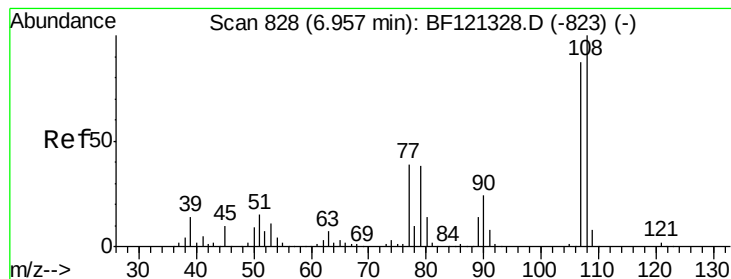
Tot Ion: 79 Resp: 279773
Ion Ratio Lower Upper
79 100
108 81.5 65.2 97.8
77 63.9 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.371 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion: 45 Resp: 554503
Ion Ratio Lower Upper
45 100
77 15.9 0.0 35.6
79 12.2 0.0 32.5





#17

2-Methylphenol

Concen: 36.212 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

Tot Ion:107 Resp: 313663

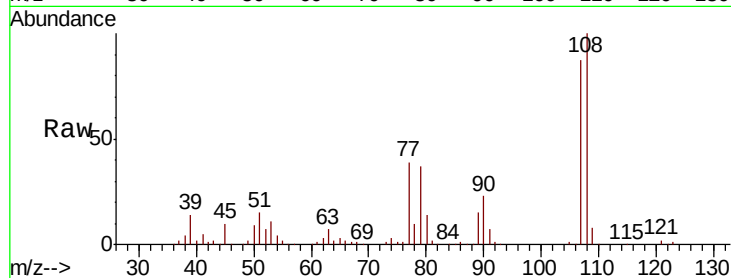
Ion Ratio Lower Upper

107 100

108 114.6 92.4 138.6

77 44.4 36.1 54.1

79 42.8 35.0 52.6

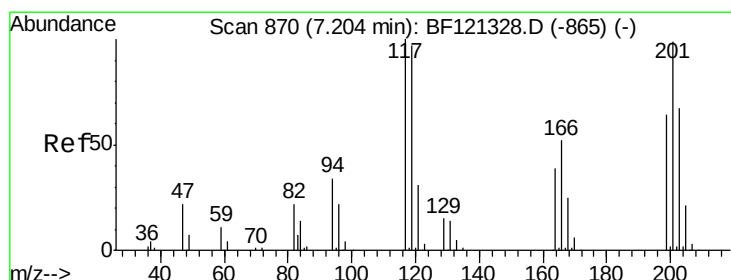
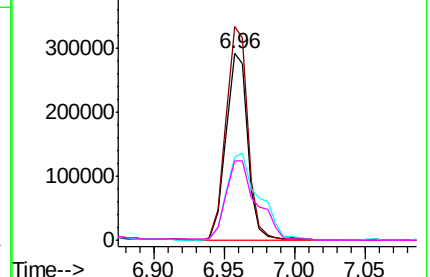
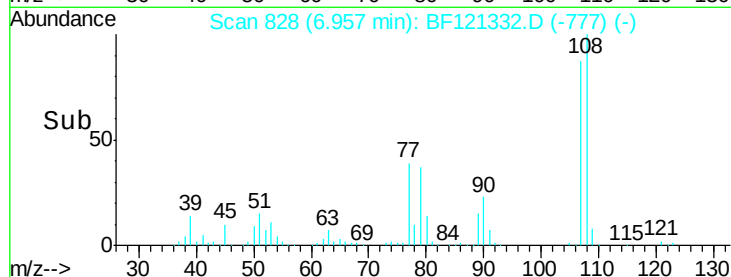


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.415 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

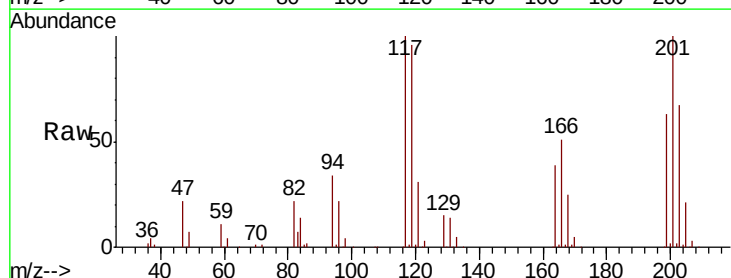
Tgt Ion:117 Resp: 160987

Ion Ratio Lower Upper

117 100

119 95.7 77.9 116.9

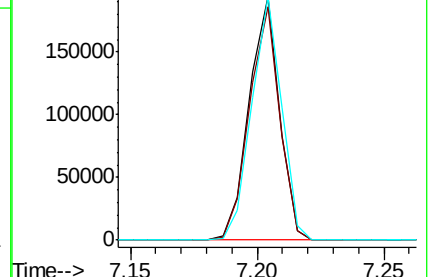
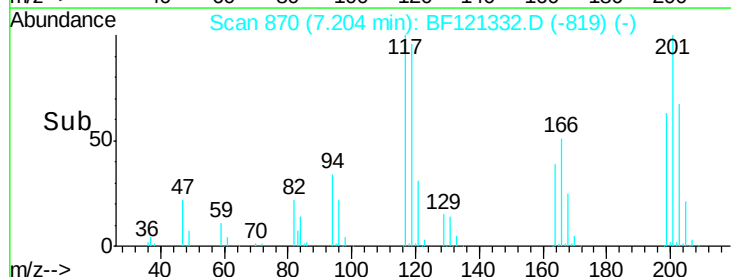
201 99.8 79.4 119.0

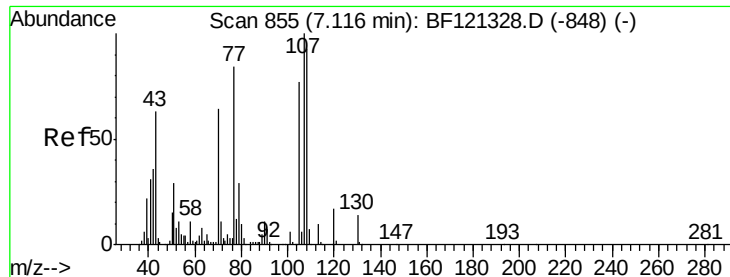


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

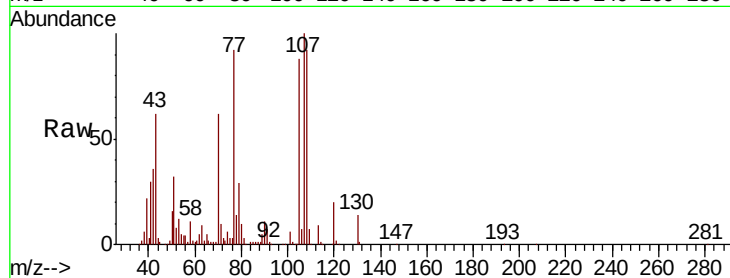




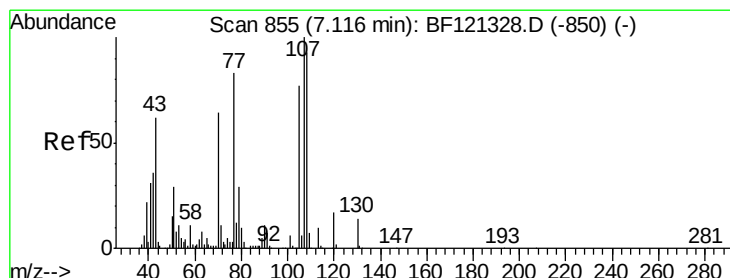
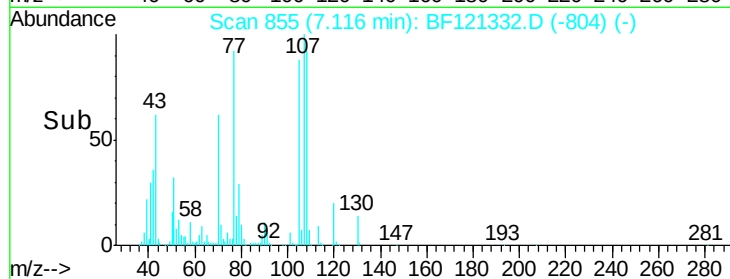
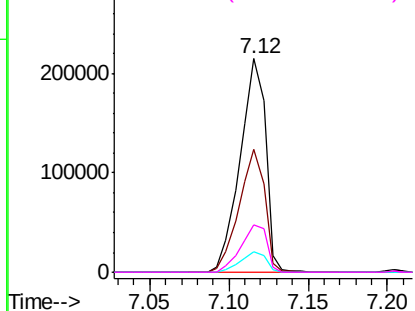
#19
n-Nitroso-di-n-propylamine
Concen: 34.741 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion:	70	Resp:	239570
Ion	Ratio	Lower	Upper
70	100		
42	57.5	45.2	67.8
101	9.5	7.7	11.5
130	22.1	17.6	26.4

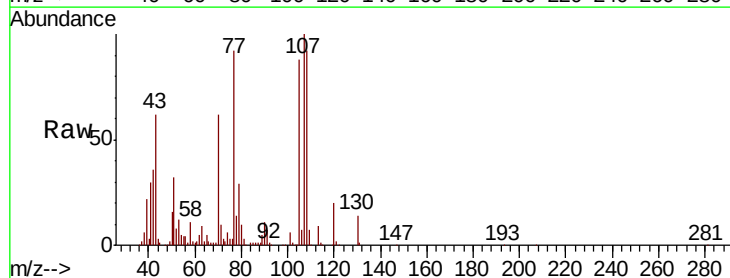


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

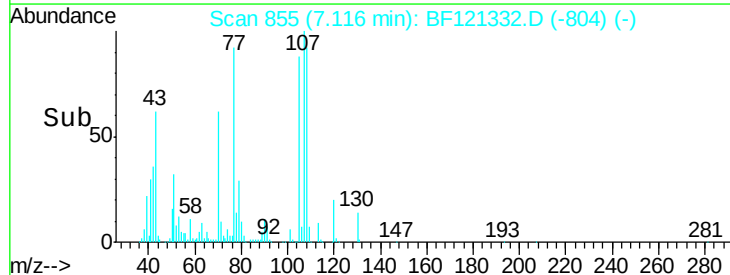
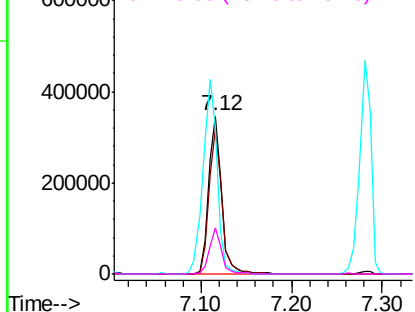


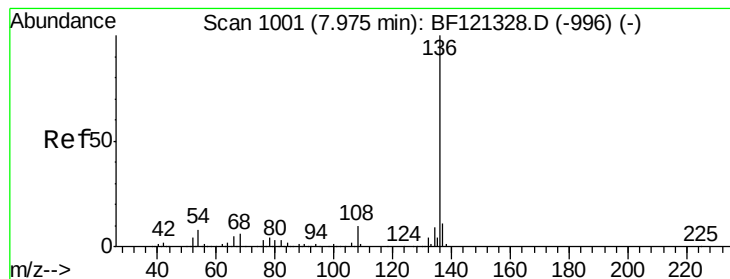
#20
3+4-Methylphenols
Concen: 40.307 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion:	107	Resp:	352937
Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.6	112.6
77	92.4	63.8	103.8
79	29.0	9.1	49.1



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

Tot Ion:136 Resp: 605816

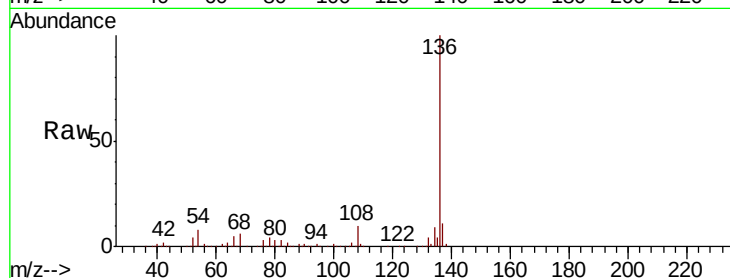
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.7 6.1 9.1

68 6.1 5.0 7.4

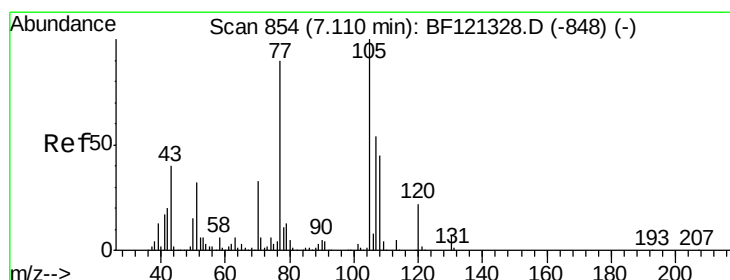
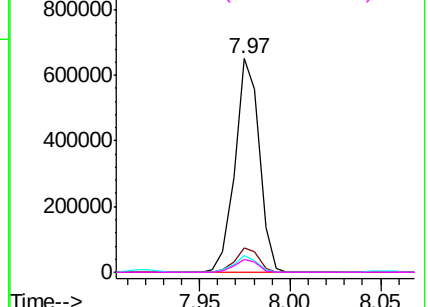
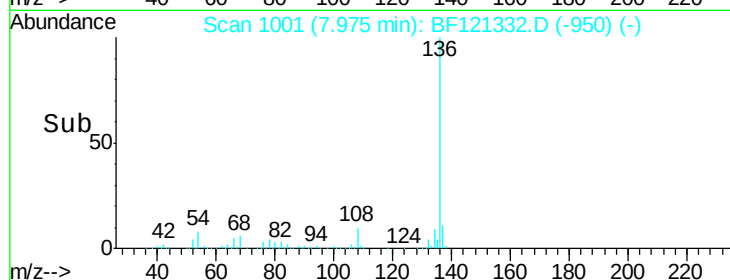


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.138 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Tgt Ion:105 Resp: 497674

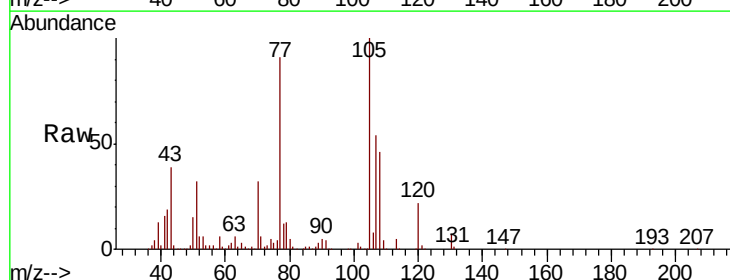
Ion Ratio Lower Upper

105 100

71 5.6 4.5 6.7

51 31.7 25.4 38.0

120 21.8 17.6 26.4

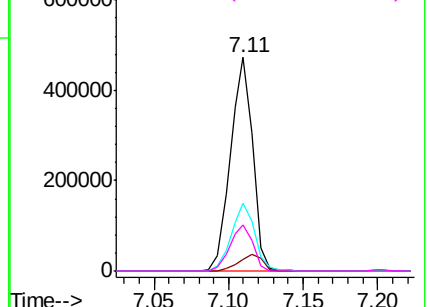
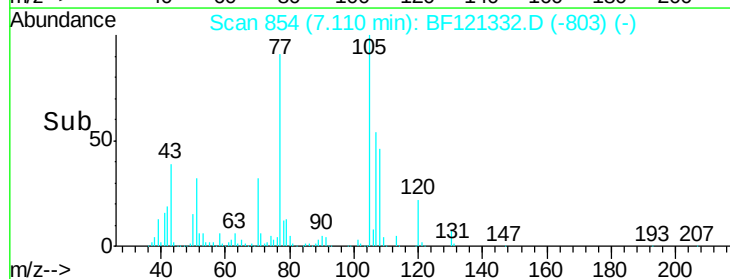


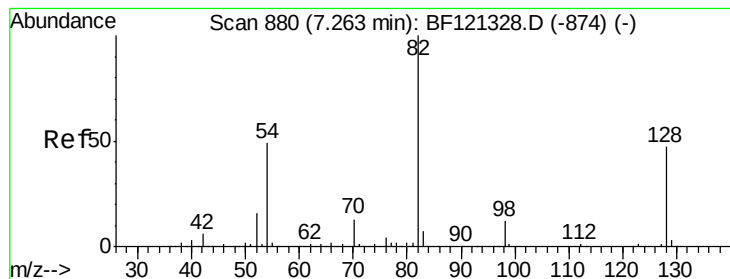
Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.126 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

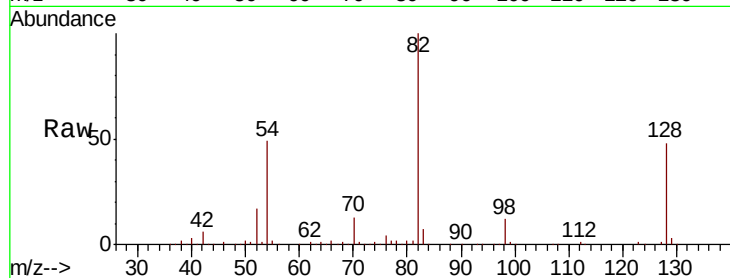
Tot Ion: 82 Resp: 783307

Ion Ratio Lower Upper

82 100

128 47.9 37.9 56.9

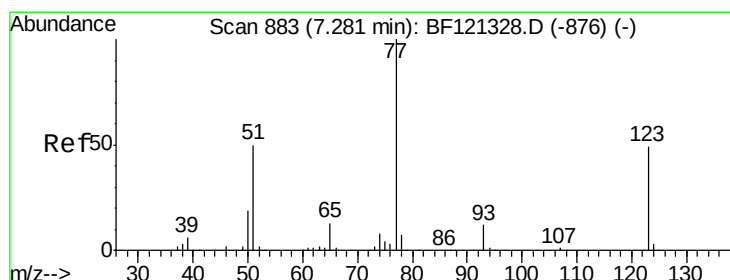
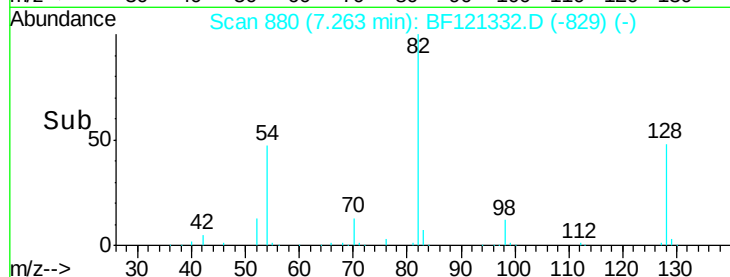
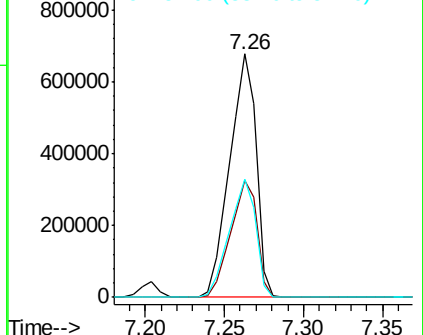
54 48.6 39.0 58.4



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: 36.961 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

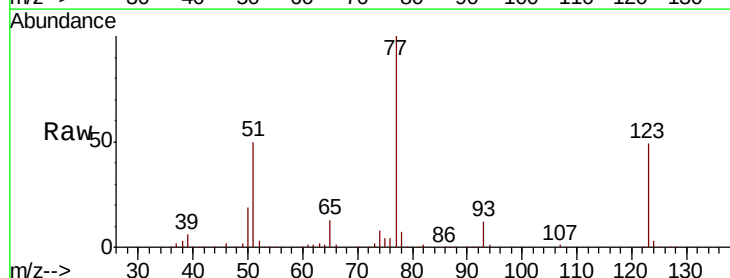
Tgt Ion: 77 Resp: 403525

Ion Ratio Lower Upper

77 100

123 49.2 39.2 58.8

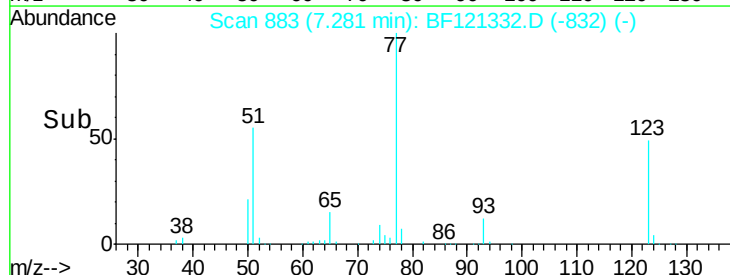
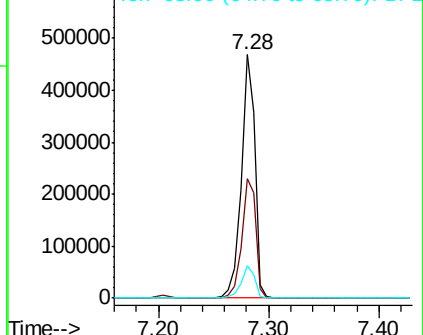
65 13.4 10.6 15.8

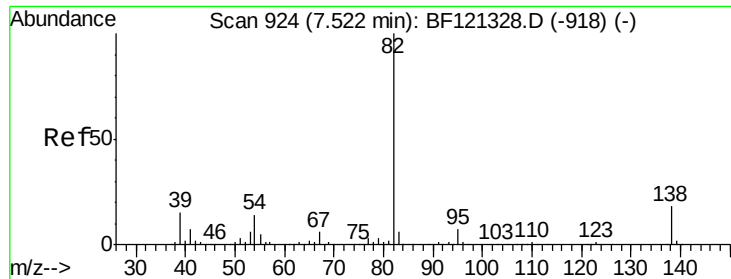


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.139 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

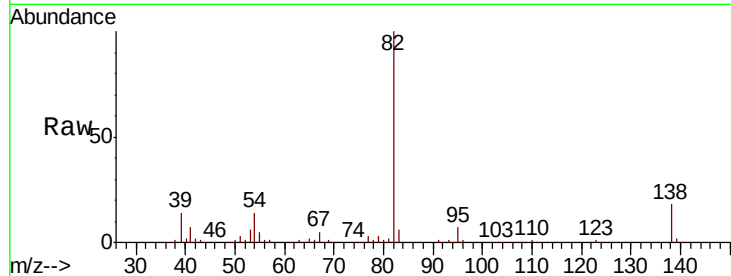
Tot Ion: 82 Resp: 704479

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

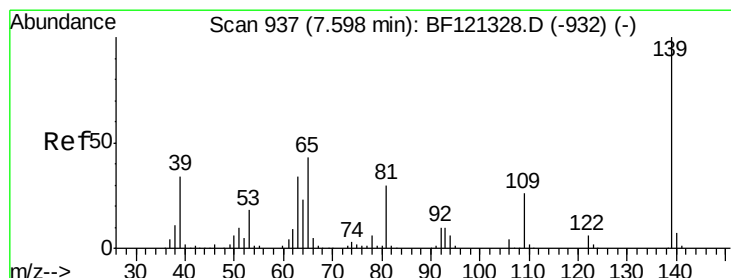
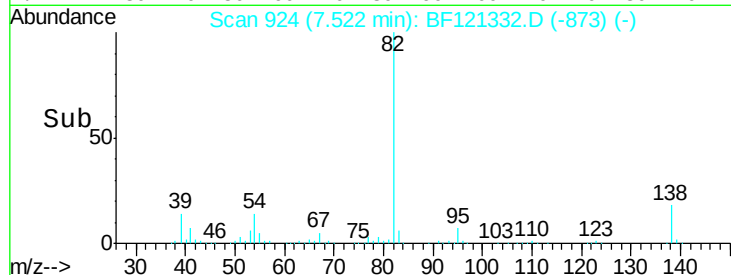
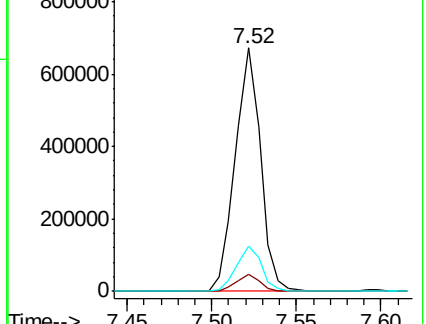
138 18.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 37.801 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

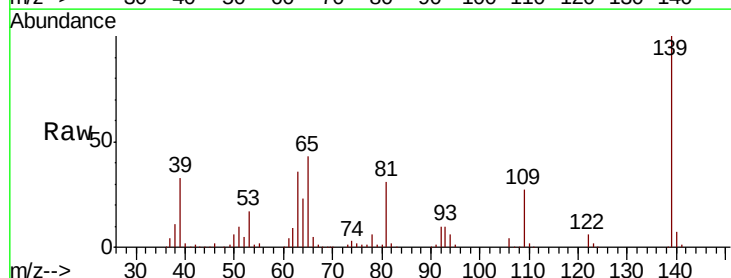
Tgt Ion: 139 Resp: 211656

Ion Ratio Lower Upper

139 100

109 26.6 21.1 31.7

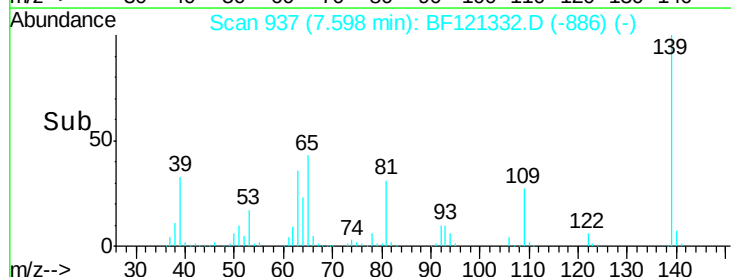
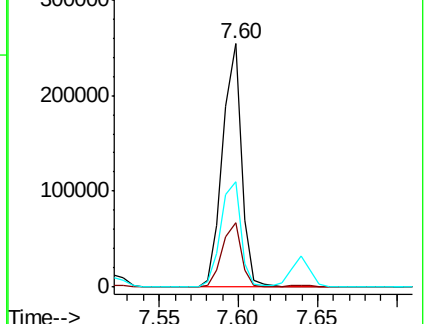
65 43.5 34.5 51.7

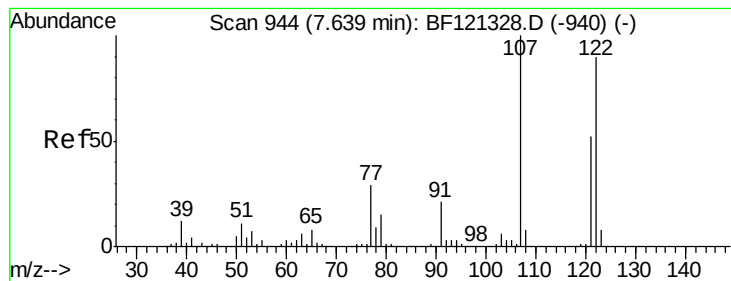


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.988 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

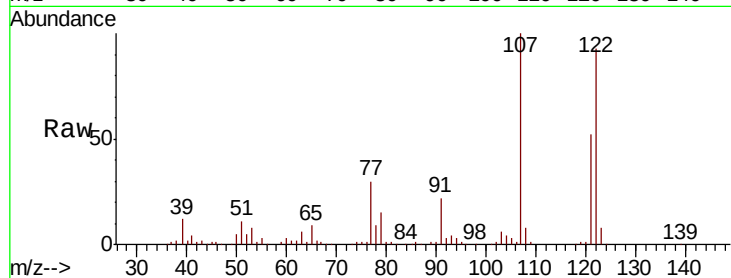
Tot Ion:122 Resp: 295520

Ion Ratio Lower Upper

122 100

107 108.1 89.0 133.4

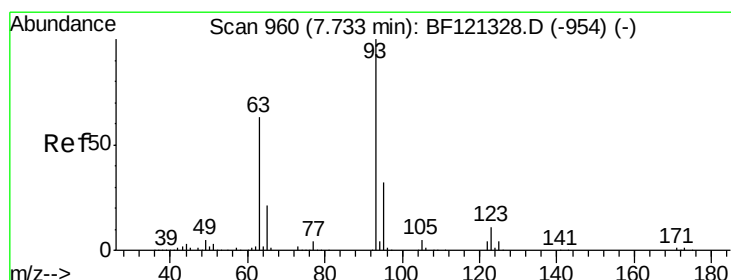
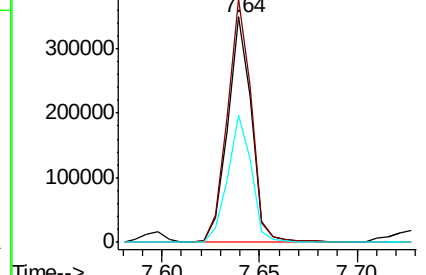
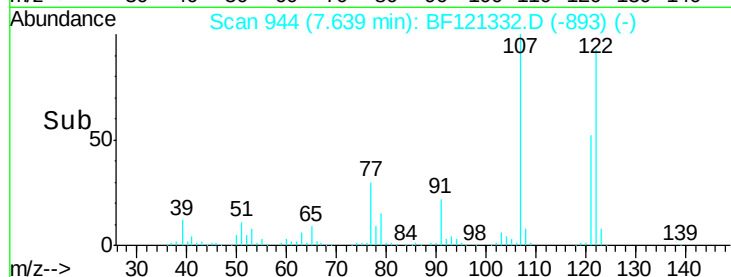
121 56.5 46.4 69.6



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: 36.431 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

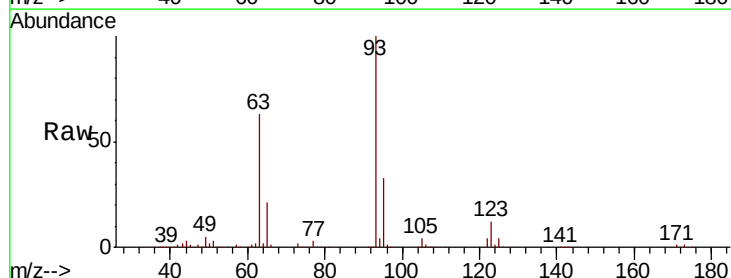
Tgt Ion: 93 Resp: 483431

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

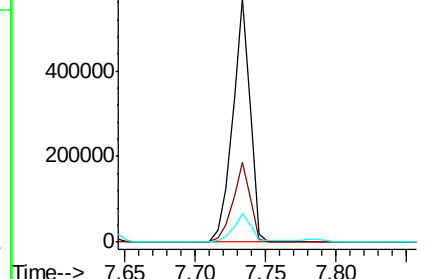
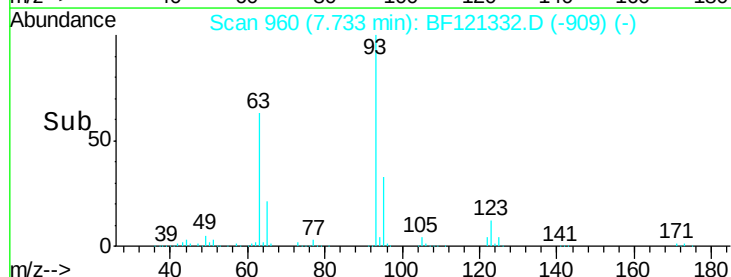
123 11.6 9.0 13.6

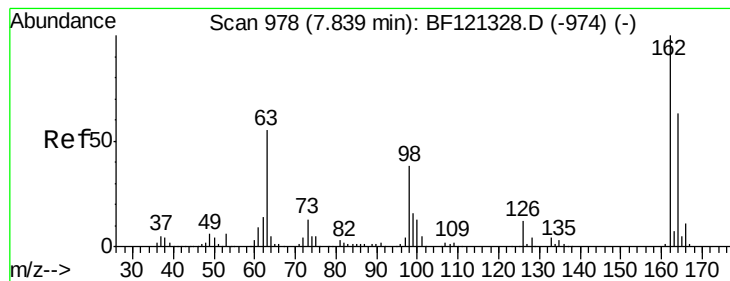


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.141 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

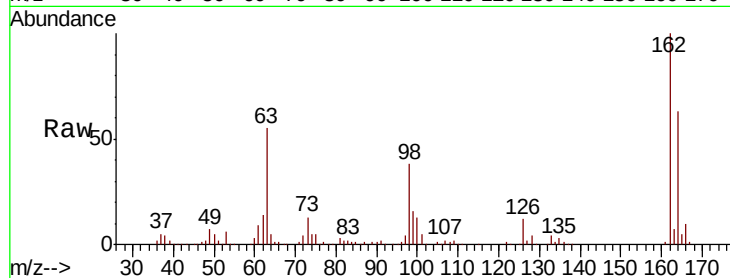
Tot Ion:162 Resp: 323976

Ion Ratio Lower Upper

162 100

164 63.1 43.4 83.4

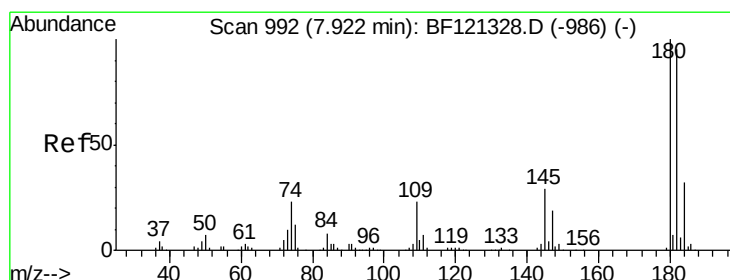
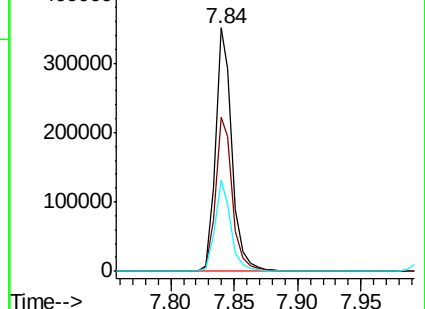
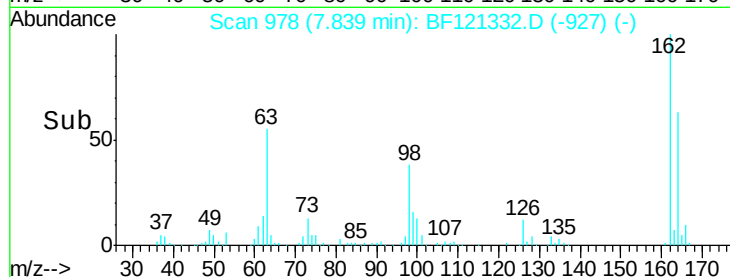
98 37.7 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 36.014 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

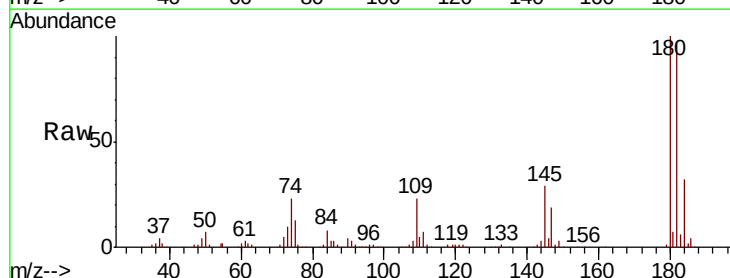
Tgt Ion:180 Resp: 359239

Ion Ratio Lower Upper

180 100

182 96.9 75.9 113.9

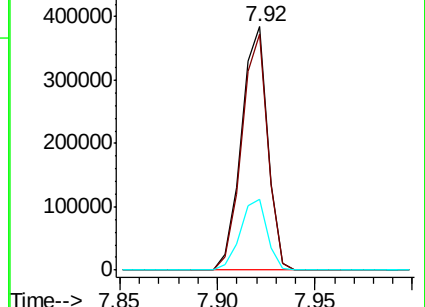
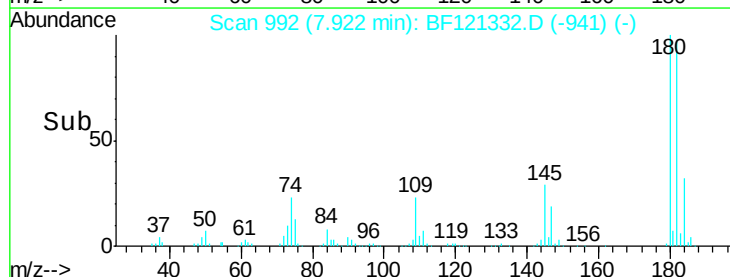
145 29.1 23.2 34.8

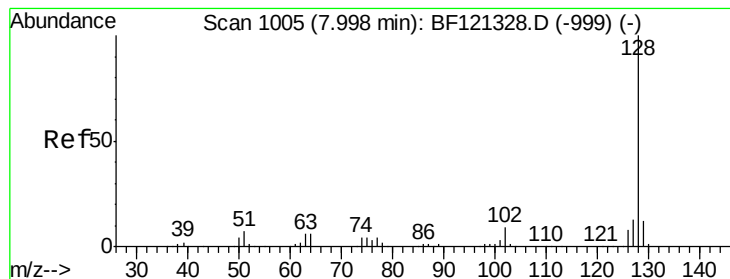


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.843 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

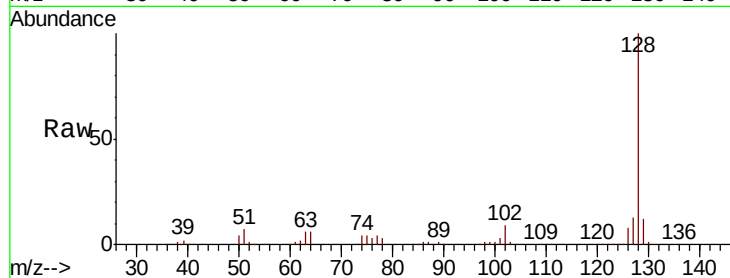
Tot Ion:128 Resp: 1080715

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

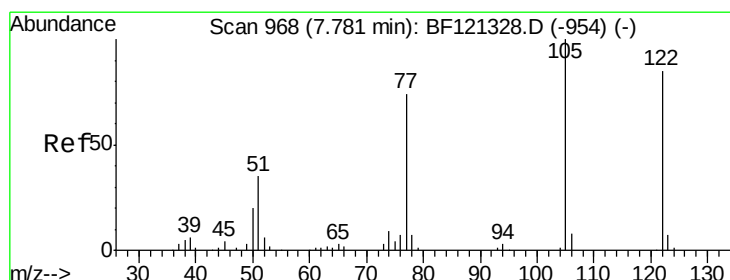
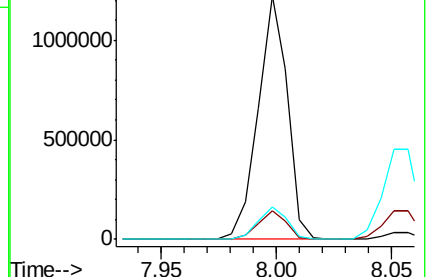
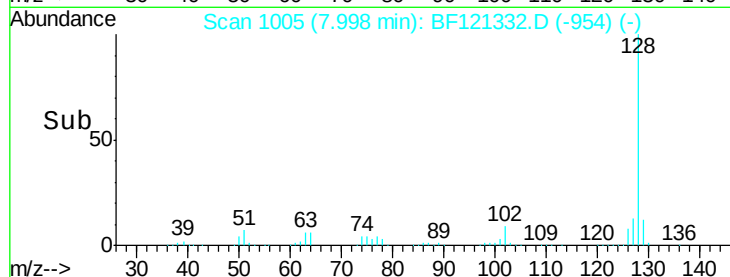
127 13.3 10.6 16.0



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: 39.405 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

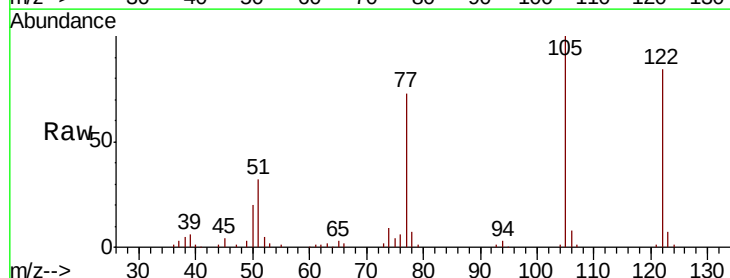
Tgt Ion:122 Resp: 236876

Ion Ratio Lower Upper

122 100

105 119.0 96.7 136.7

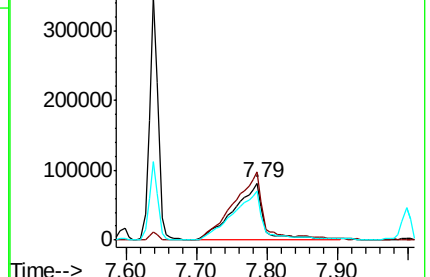
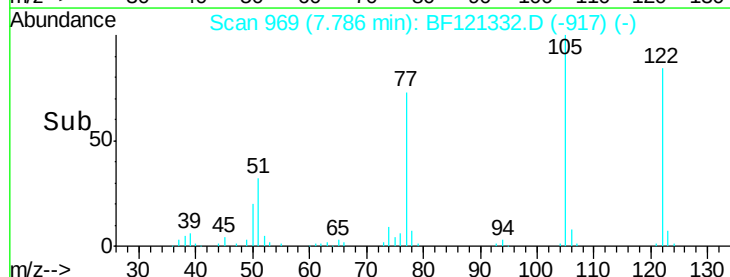
77 86.9 66.7 106.7

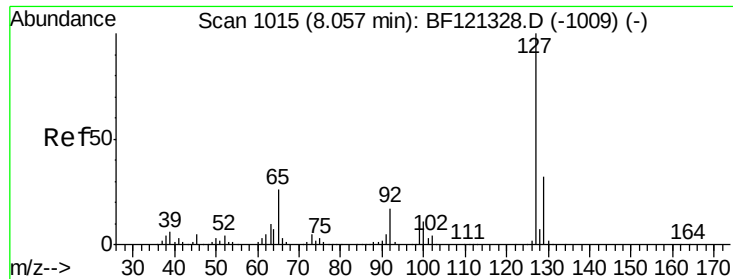


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

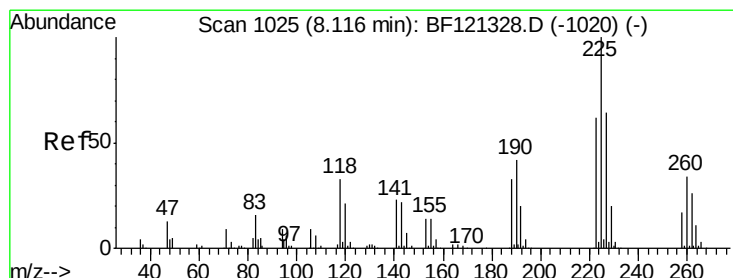
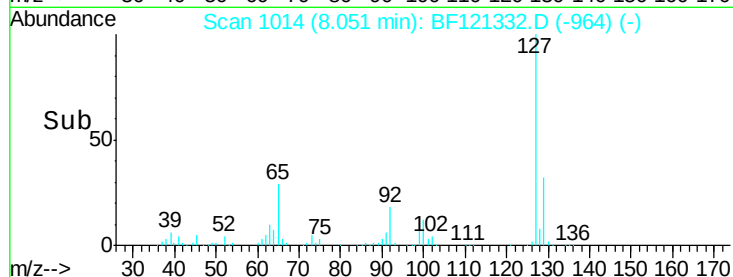
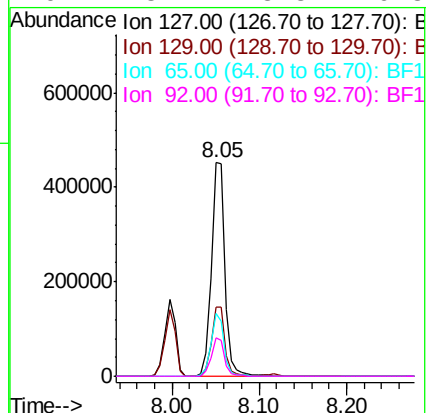
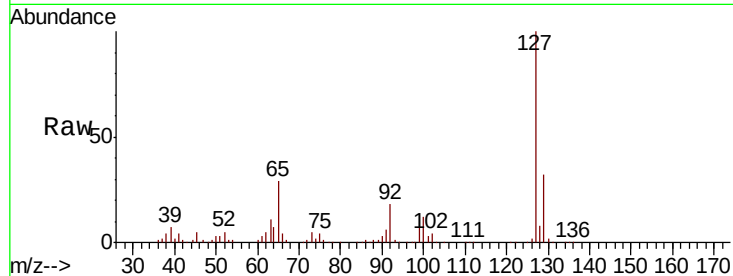




#33
4-Chloroaniline
Concen: 36.439 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

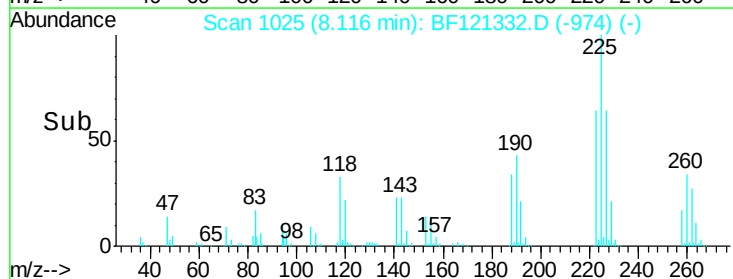
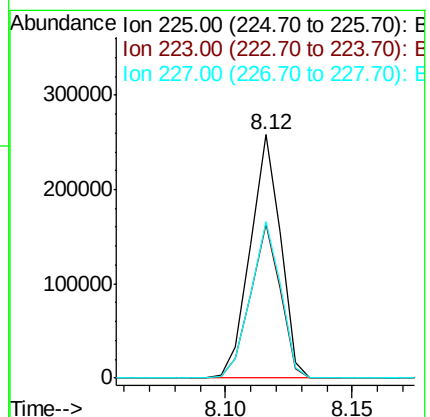
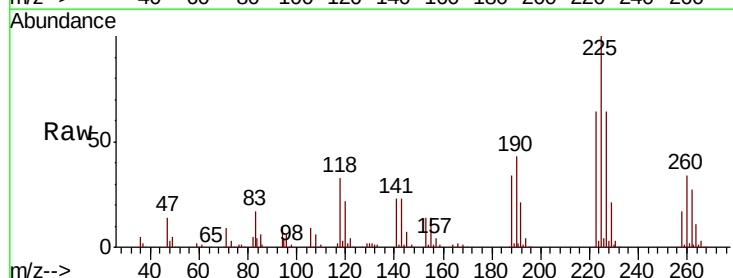
Instrument :
BNA_F
ClientSampleId :
ICVBF081920

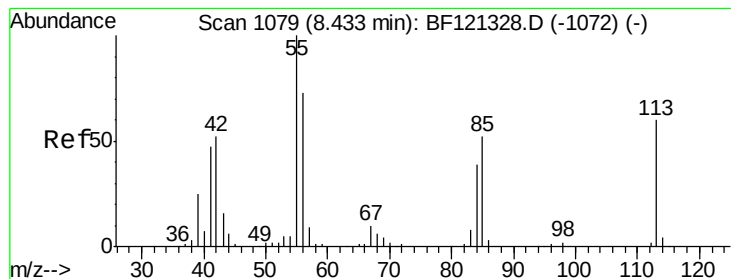
Tot Ion:	127	Resp:	486500
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	29.3	20.9	31.3
92	18.2	13.8	20.8



#34
Hexachlorobutadiene
Concen: 36.243 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion:	225	Resp:	213952
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	64.3	50.9	76.3





#35

Caprolactam

Concen: 38.938 ng

RT: 8.43 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

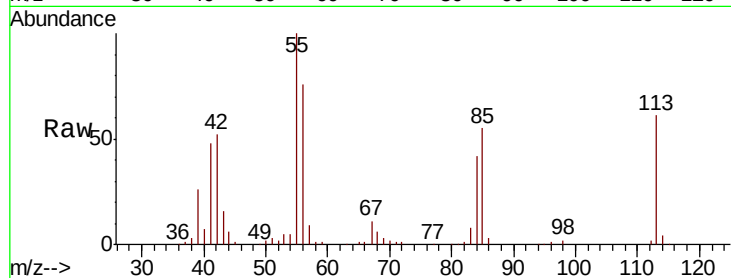
Tot Ion:113 Resp: 111240

Ion Ratio Lower Upper

113 100

55 164.0 147.9 187.9

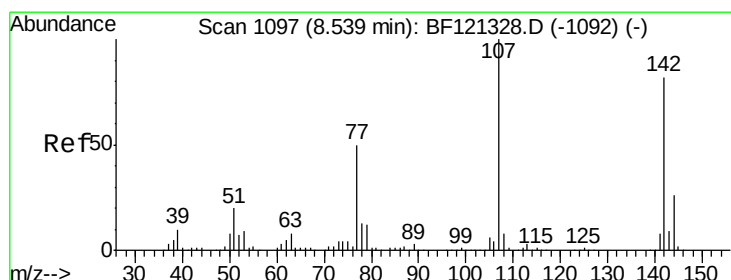
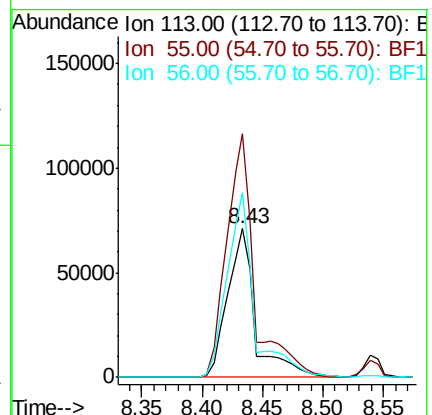
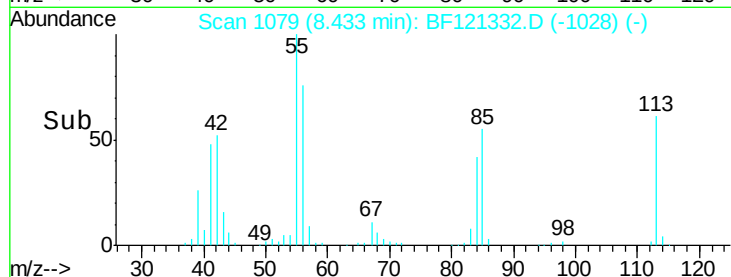
56 124.9 102.4 142.4



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: 37.069 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

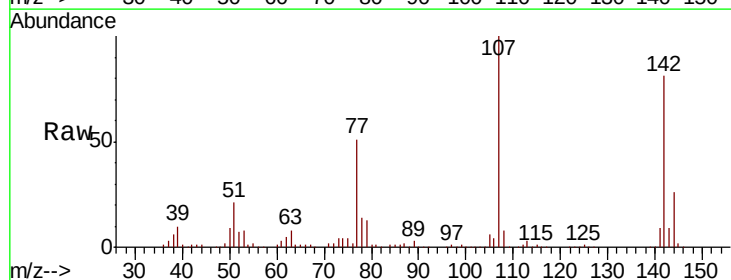
Tgt Ion:107 Resp: 327031

Ion Ratio Lower Upper

107 100

144 25.8 21.1 31.7

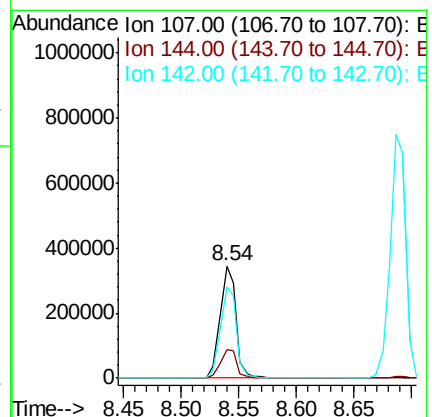
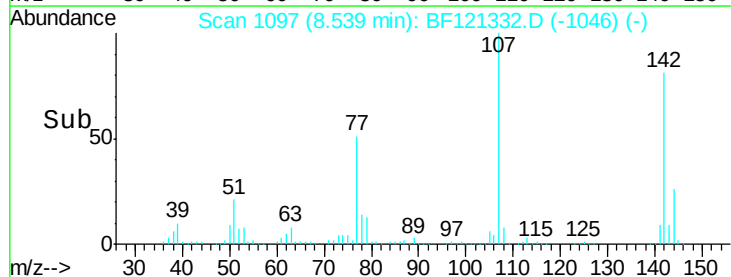
142 81.2 65.6 98.4

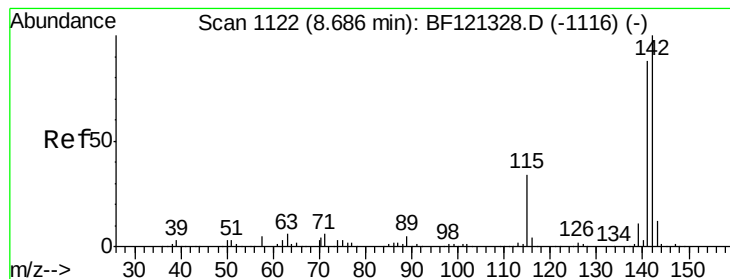


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.260 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

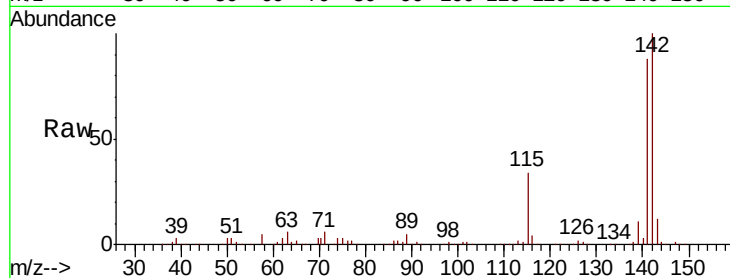
Tot Ion:142 Resp: 708621

Ion Ratio Lower Upper

142 100

141 88.0 70.3 105.5

115 34.0 26.9 40.3



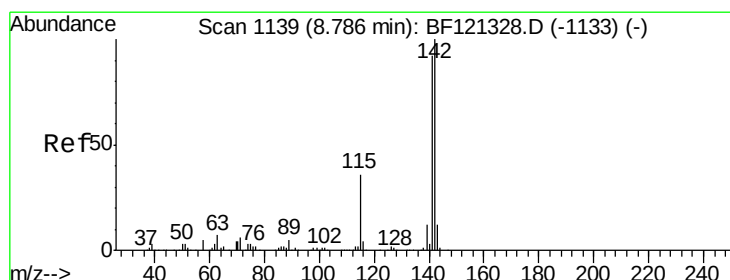
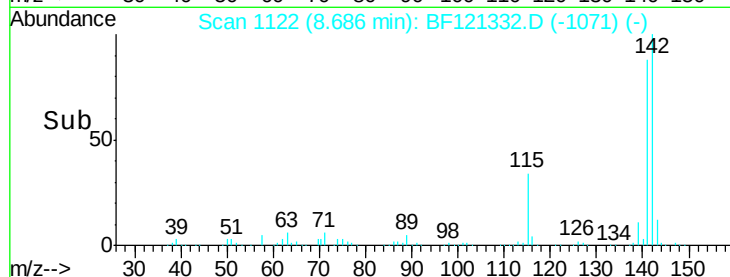
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.69

Time-->



#38

1-Methylnaphthalene

Concen: 36.321 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

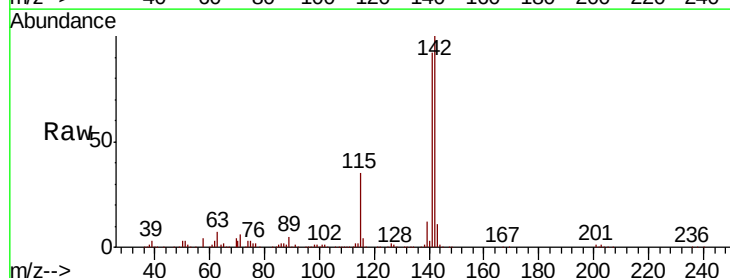
Tgt Ion:142 Resp: 674901

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4

116 3.6 3.0 4.4



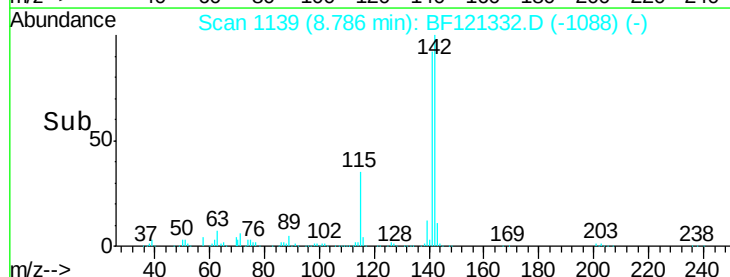
Abundance Ion 142.00 (141.70 to 142.70): E

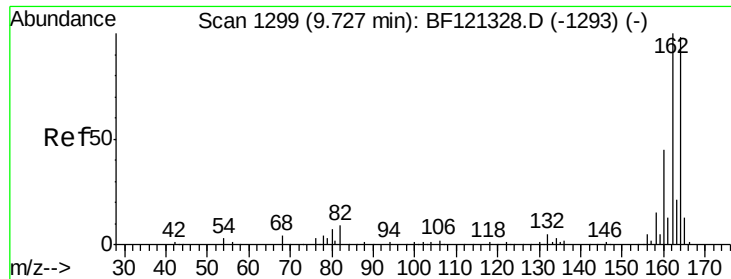
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

8.79

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

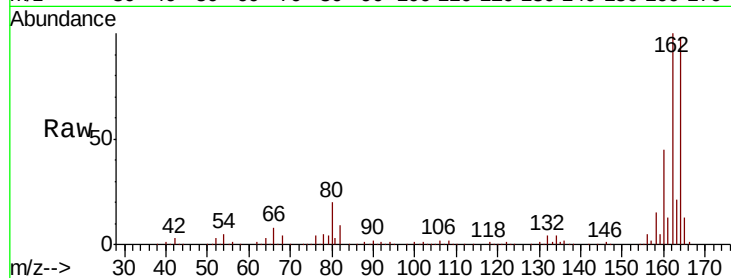
Tot Ion:164 Resp: 314823

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

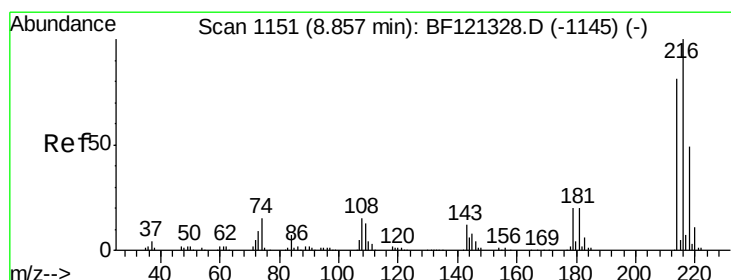
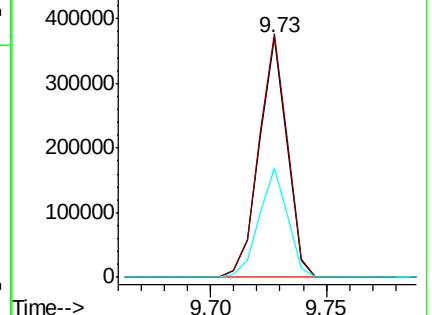
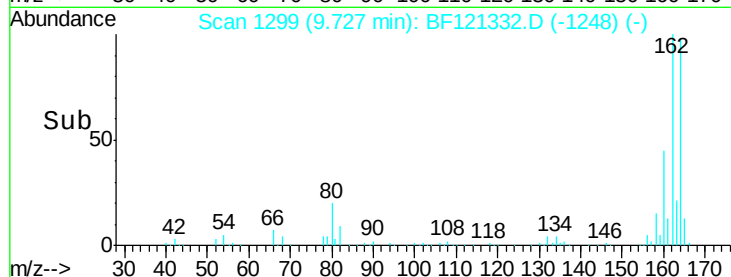
160 45.7 37.0 55.4



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: 36.565 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Tgt Ion:216 Resp: 341661

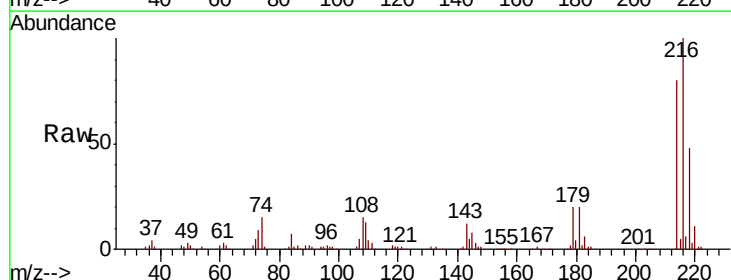
Ion Ratio Lower Upper

216 100

214 80.0 64.2 96.2

179 20.8 16.4 24.6

108 17.7 14.2 21.4

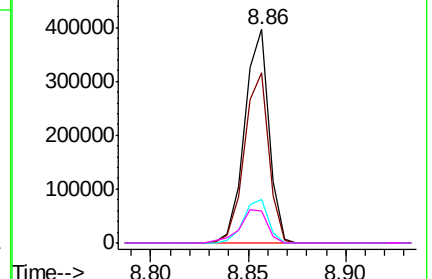
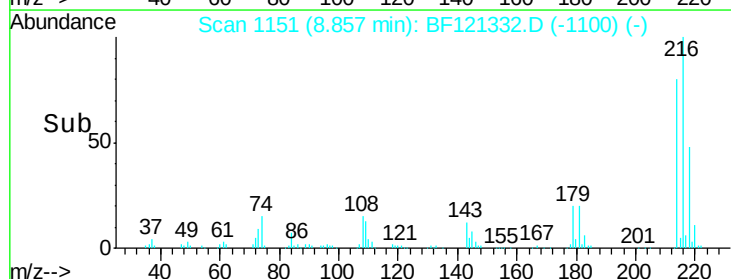


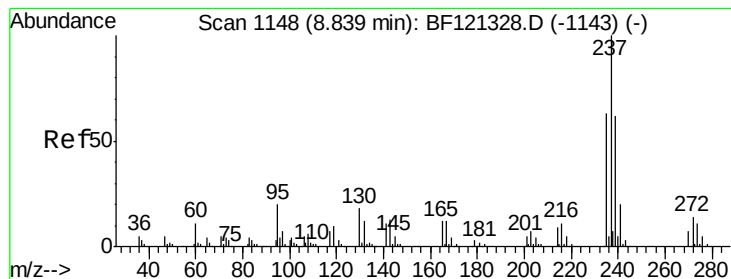
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.875 ng

RT: 8.84 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

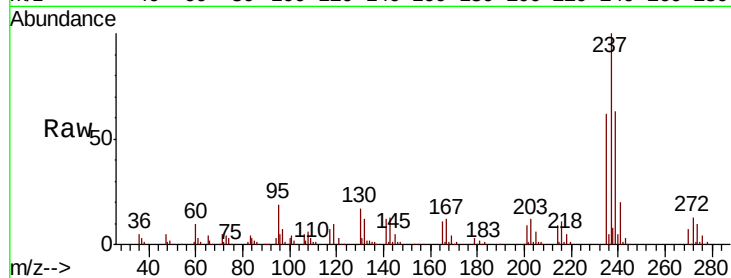
Tot Ion:237 Resp: 131122

Ion Ratio Lower Upper

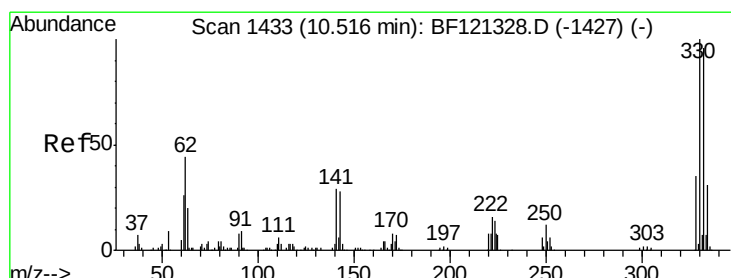
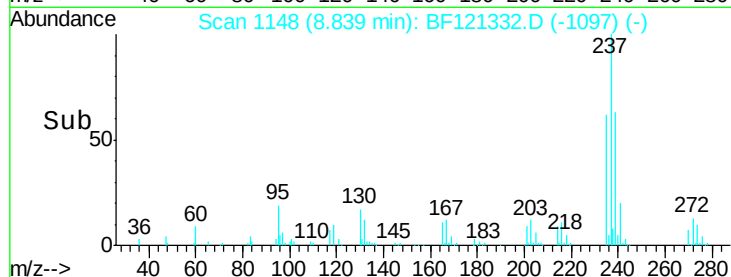
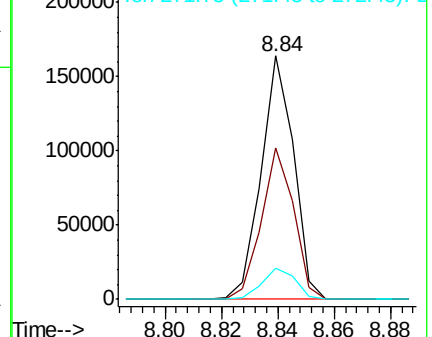
237 100

235 62.0 42.7 82.7

272 12.8 0.0 33.7



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: 74.625 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

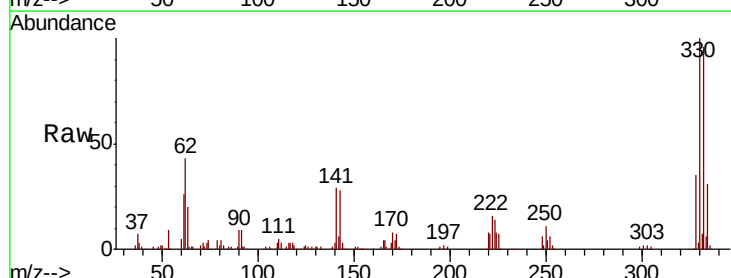
Tgt Ion:330 Resp: 273777

Ion Ratio Lower Upper

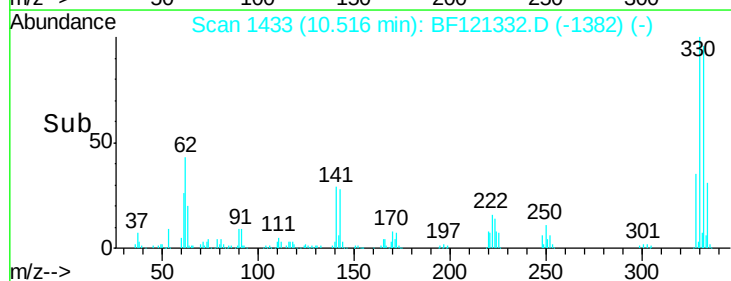
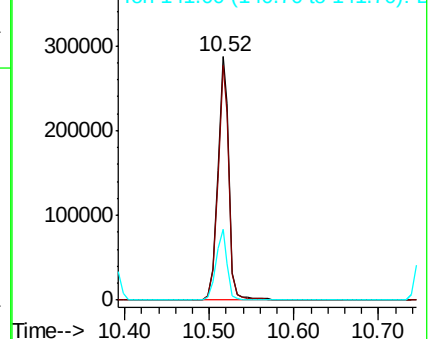
330 100

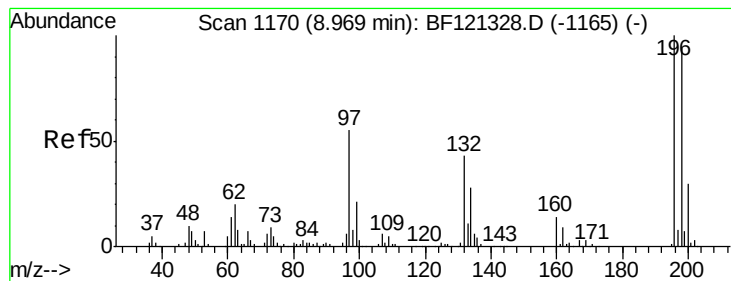
332 95.6 76.9 115.3

141 28.7 22.8 34.2



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: 37.640 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

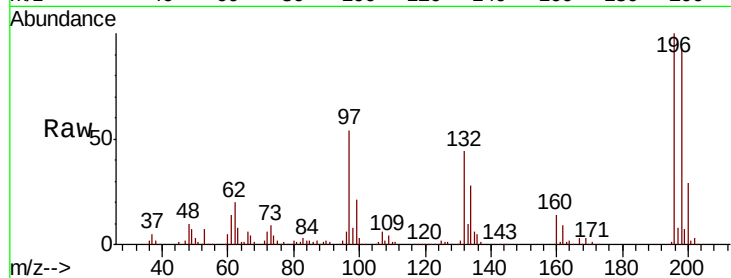
Tot Ion:196 Resp: 240442

Ion Ratio Lower Upper

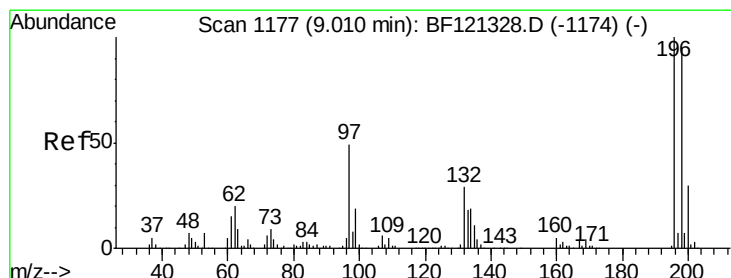
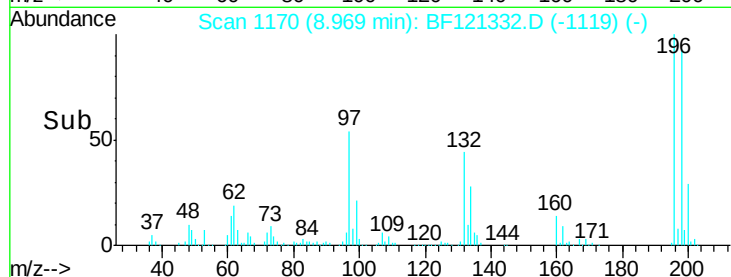
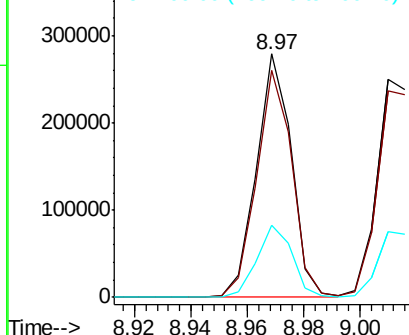
196 100

198 93.1 75.6 113.4

200 29.4 24.2 36.2



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: 37.405 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Tgt Ion:196 Resp: 245829

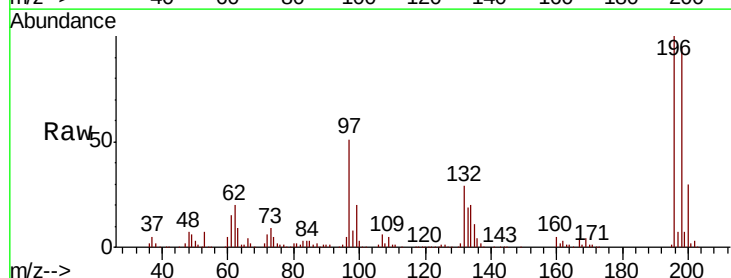
Ion Ratio Lower Upper

196 100

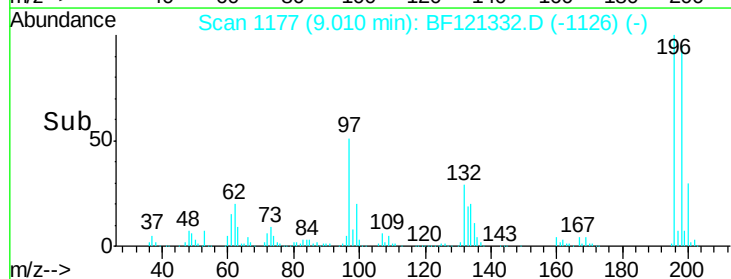
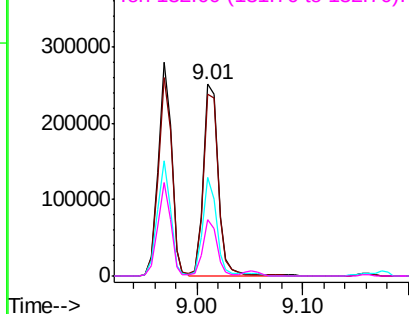
198 94.8 75.6 113.4

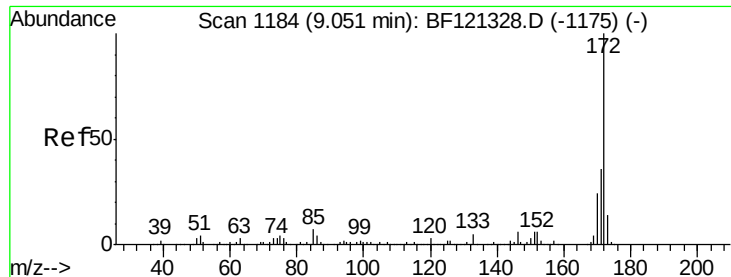
97 51.3 39.6 59.4

132 29.4 23.3 34.9



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: 79.946 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

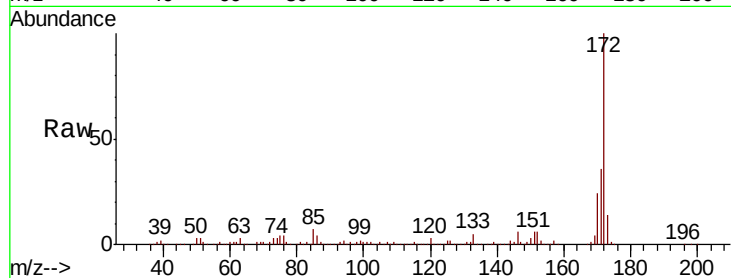
Tot Ion:172 Resp: 1323688

Ion Ratio Lower Upper

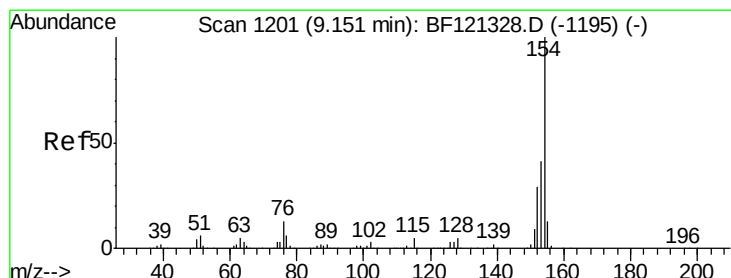
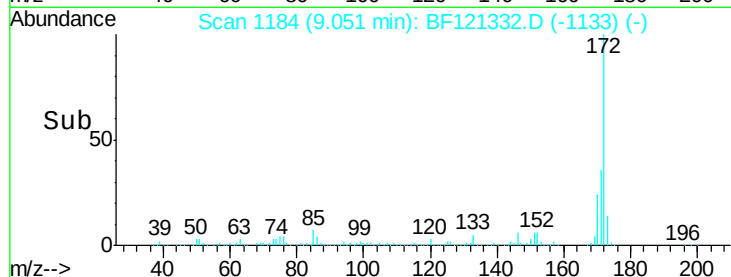
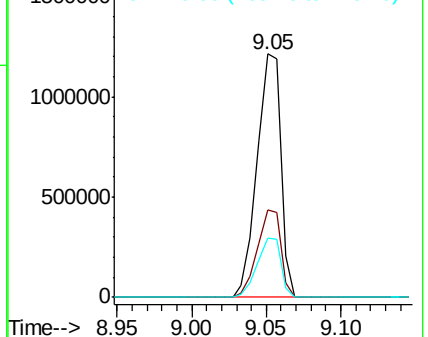
172 100

171 35.9 29.0 43.6

170 24.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 36.175 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

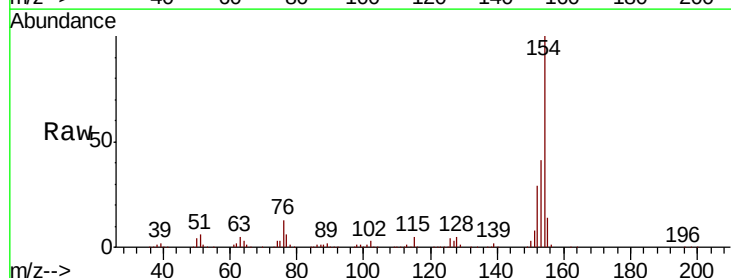
Tgt Ion:154 Resp: 853587

Ion Ratio Lower Upper

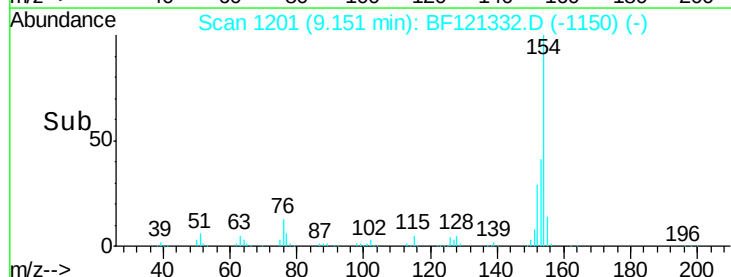
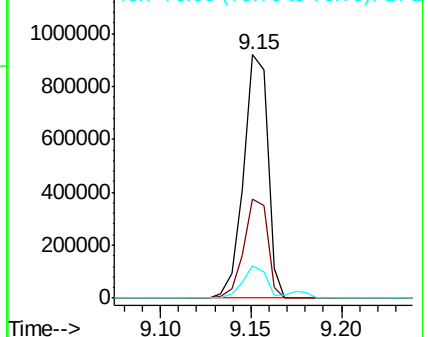
154 100

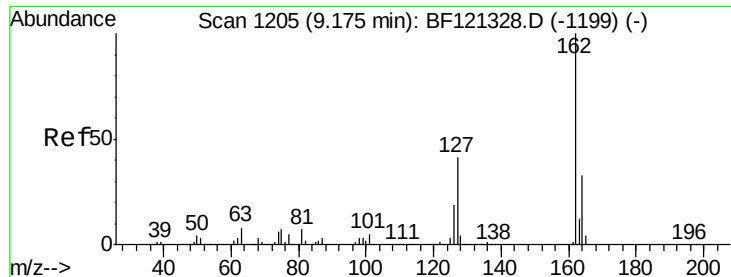
153 40.9 20.8 60.8

76 13.4 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

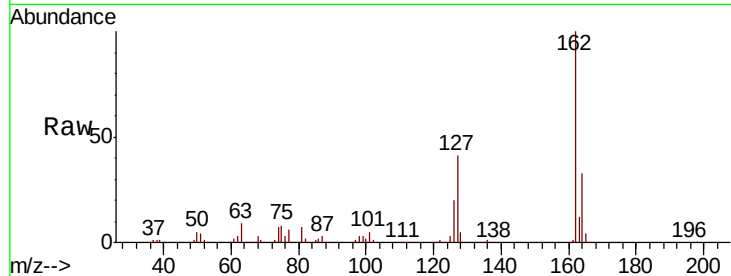




#47
2-Chloronaphthalene
Concen: 36.263 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.1	49.7
164	33.3	26.5	39.7

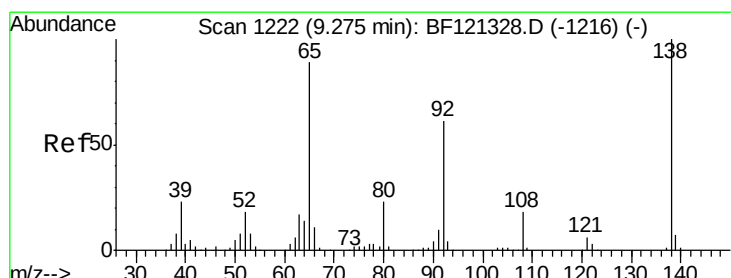
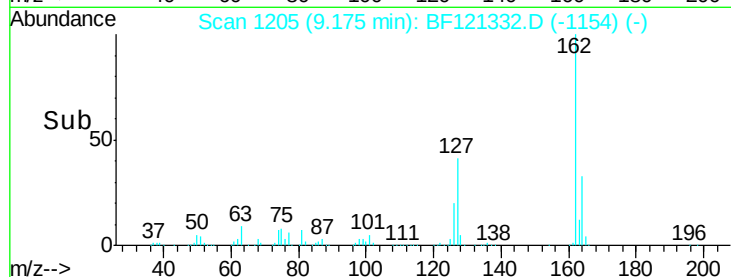
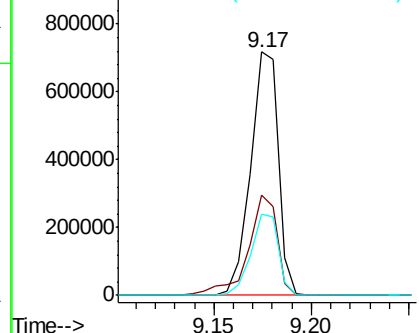


Abundance

Ion 162.00 (161.70 to 162.70): E

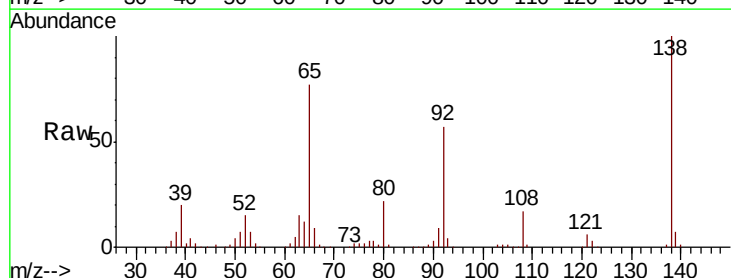
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.502 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	54.9	82.3
138	129.8	89.5	134.3

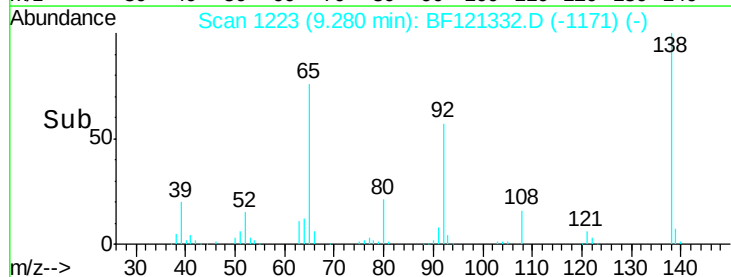
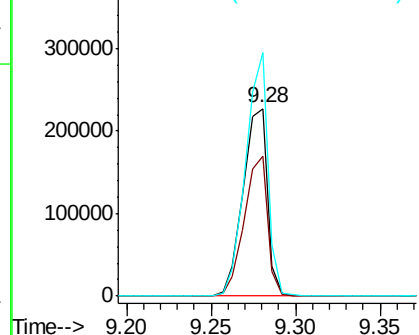


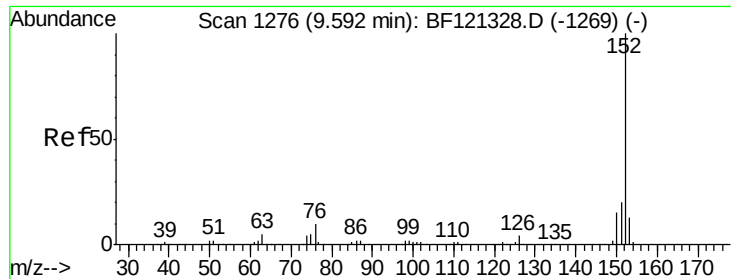
Abundance

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: 36.439 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

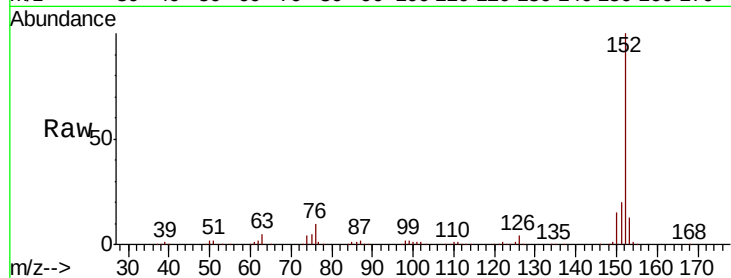
Tot Ion:152 Resp: 1052178

Ion Ratio Lower Upper

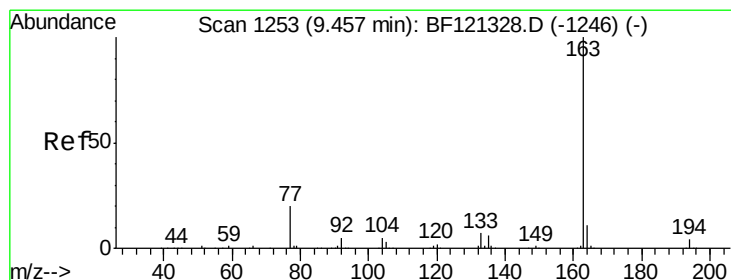
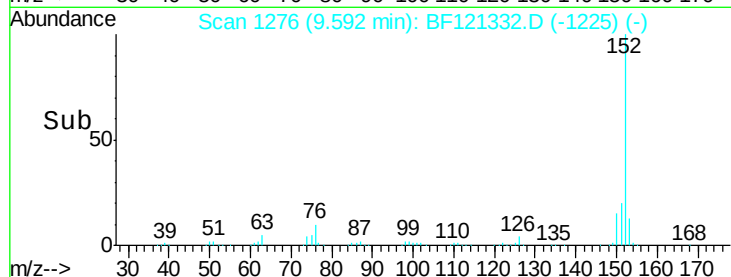
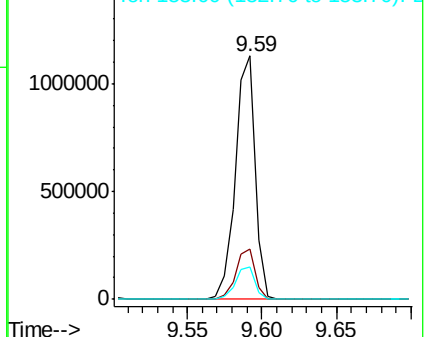
152 100

151 20.5 16.4 24.6

153 13.2 10.6 16.0



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: 36.384 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

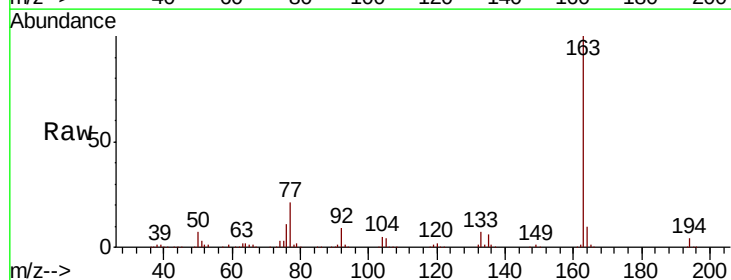
Tgt Ion:163 Resp: 833351

Ion Ratio Lower Upper

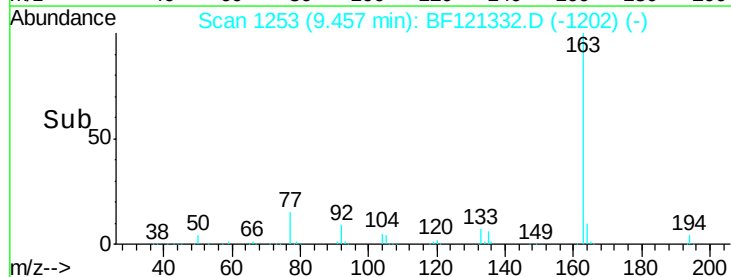
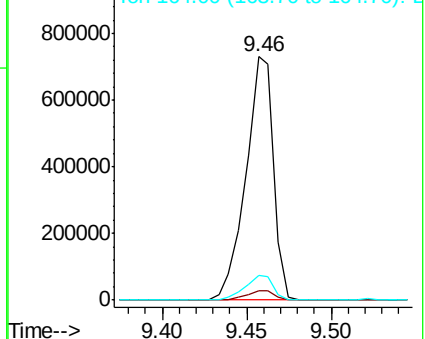
163 100

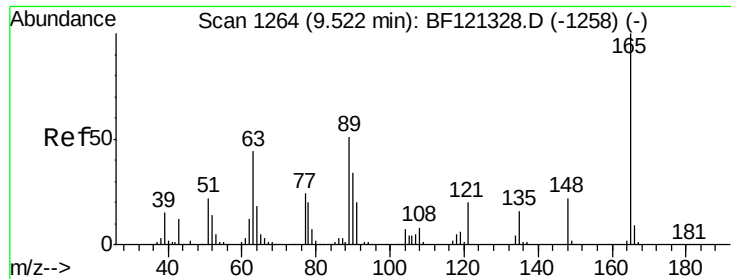
194 3.8 3.0 4.6

164 10.3 8.4 12.6



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

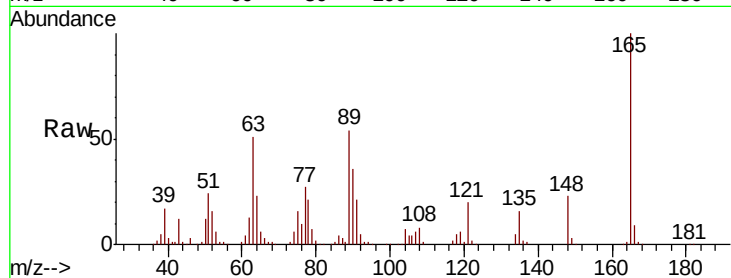




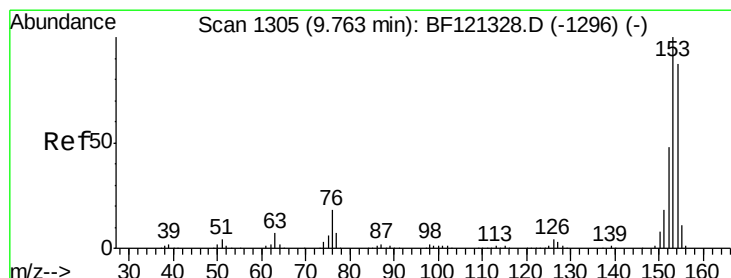
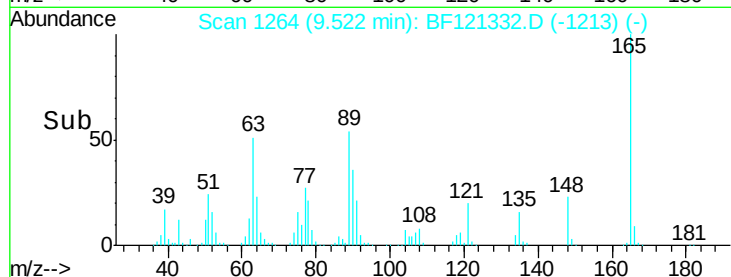
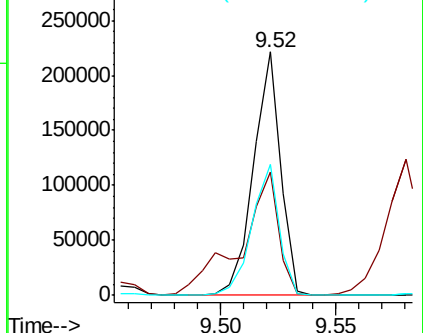
#51
 2,6-Dinitrotoluene
 Concen: 37.212 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVB081920

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.9	38.5	57.7
89	53.9	41.2	61.8

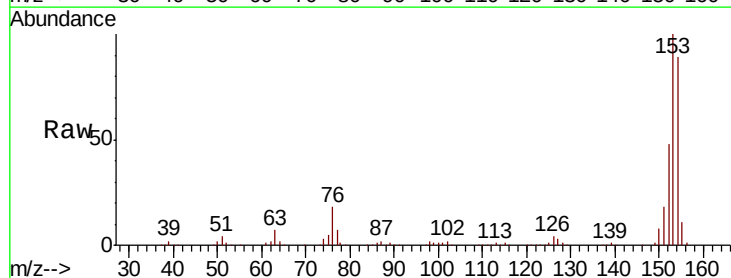


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

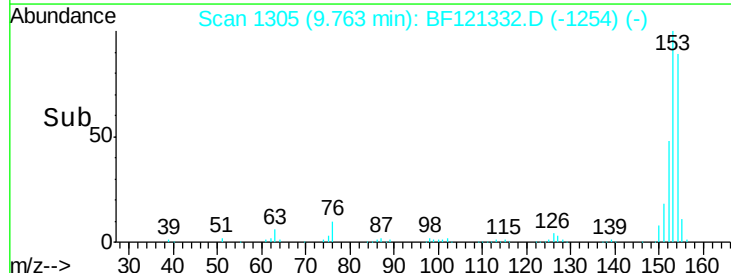
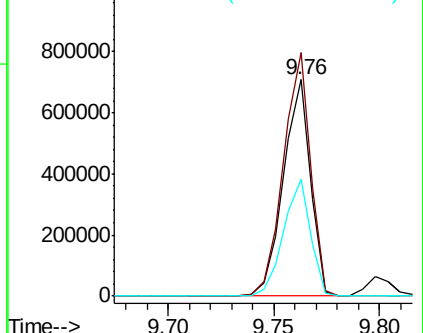


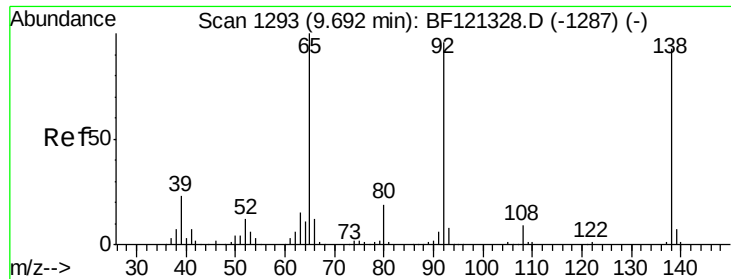
#52
 Acenaphthene
 Concen: 36.176 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	92.0	138.0
152	53.9	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

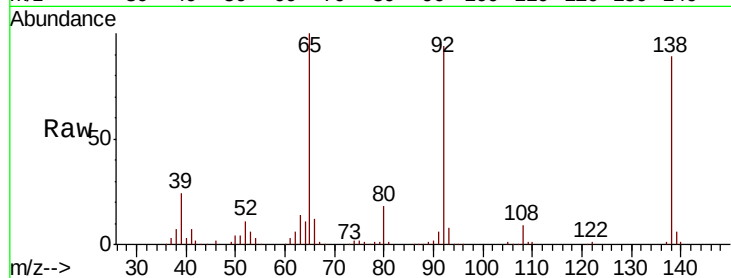




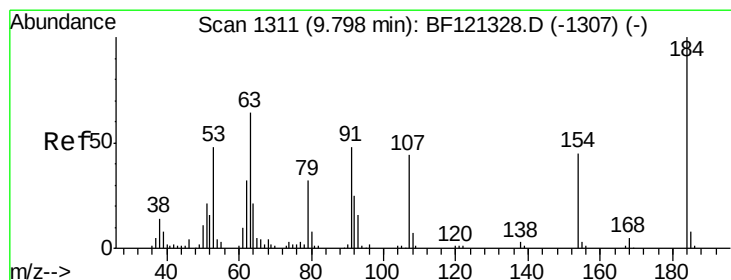
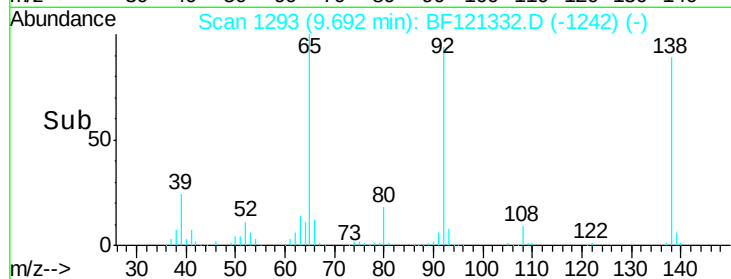
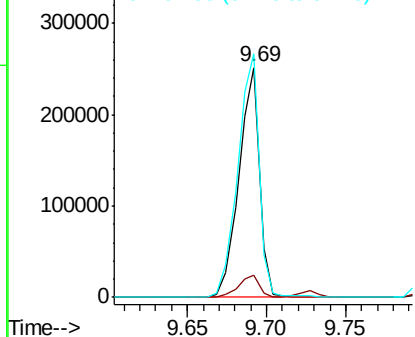
#53
3-Nitroaniline
Concen: 37.068 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion:138 Resp: 226824
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 106.0 83.0 124.4

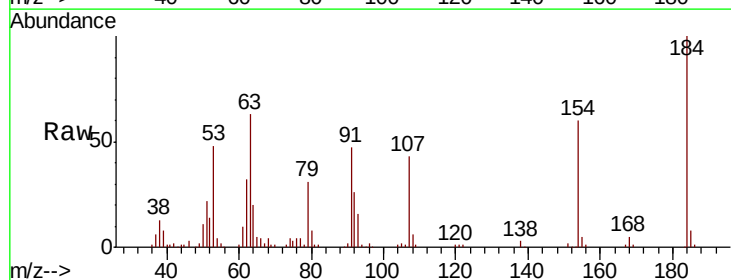


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

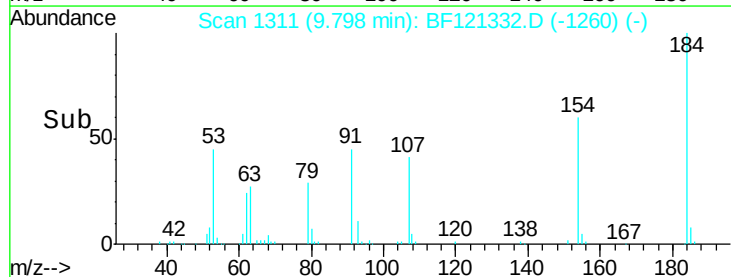
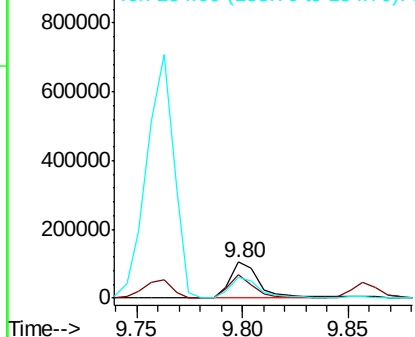


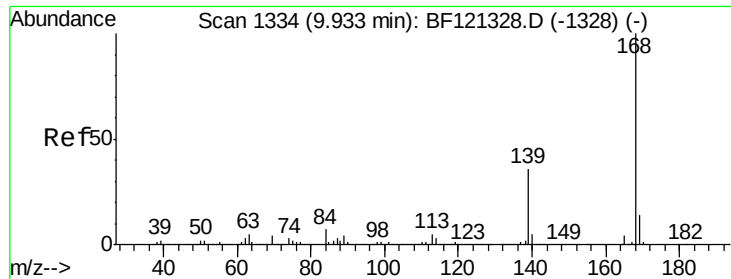
#54
2,4-Dinitrophenol
Concen: 42.842 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion:184 Resp: 101030
Ion Ratio Lower Upper
184 100
63 63.4 51.5 77.3
154 59.5 48.0 72.0



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

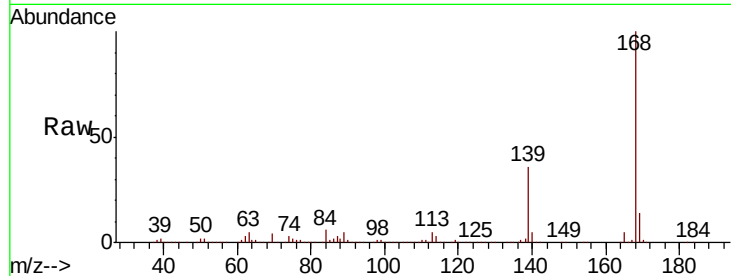




#55
Dibenzofuran
Concen: 40.510 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.1	43.7
169	13.7	11.0	16.6

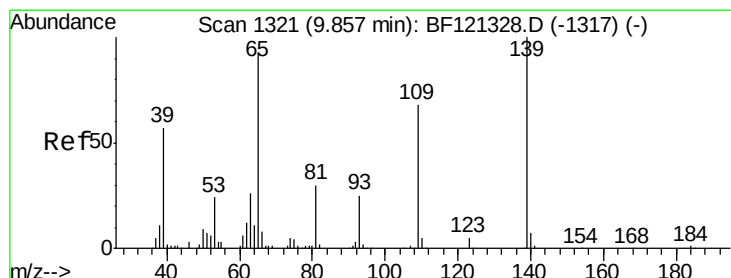
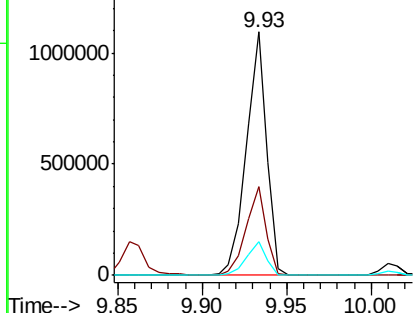
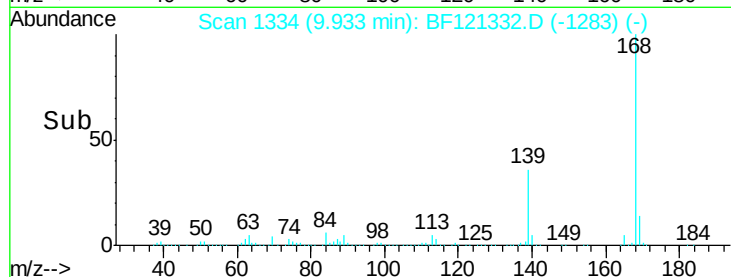


Abundance

Ion 168.00 (167.70 to 168.70): E

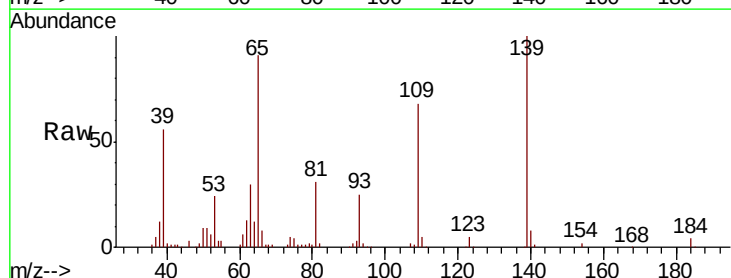
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.821 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	47.7	87.7
65	91.1	73.2	113.2

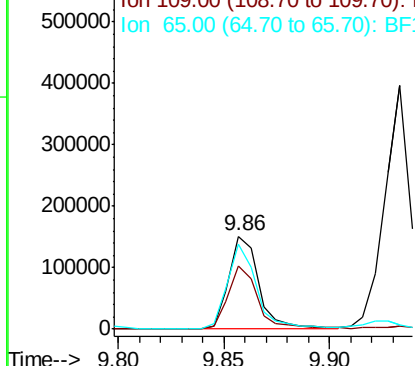
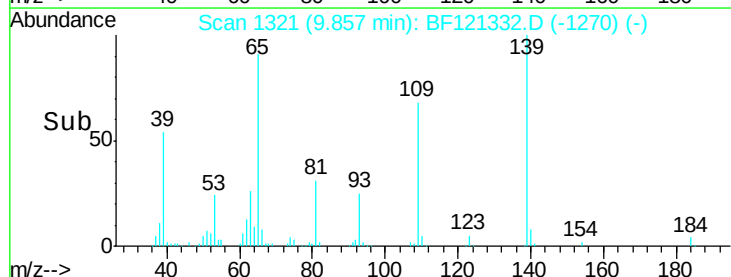


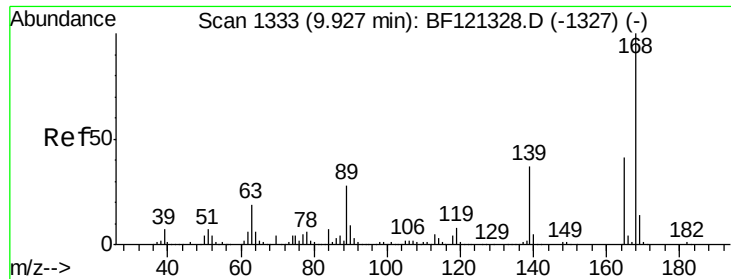
Abundance

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

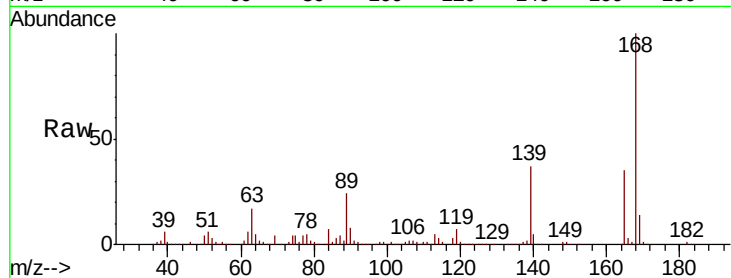




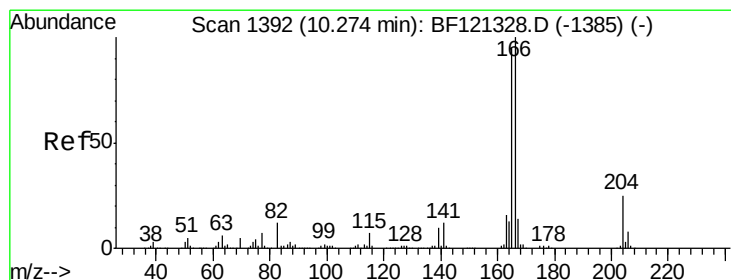
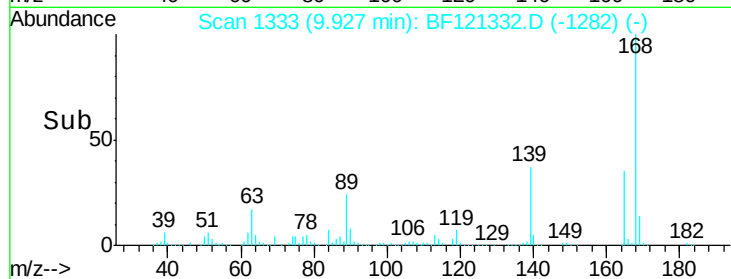
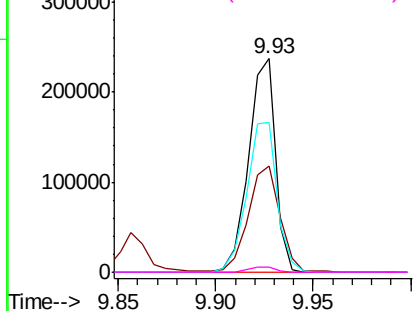
#57
 2,4-Dinitrotoluene
 Concen: 37.834 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

Tot Ion:	165	Resp:	225771
Ion	Ratio	Lower	Upper
165	100		
63	49.6	37.5	56.3
89	70.2	54.2	81.4
182	2.6	2.2	3.4

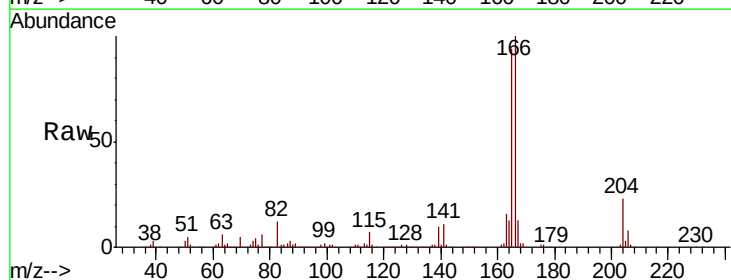


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

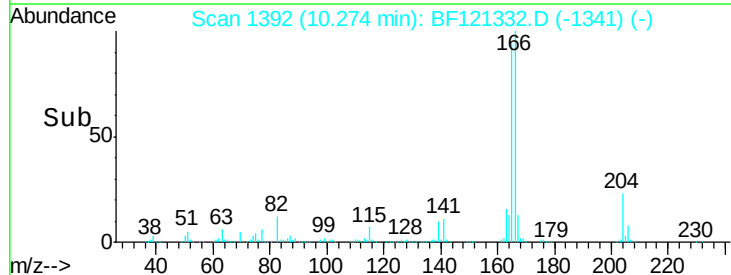
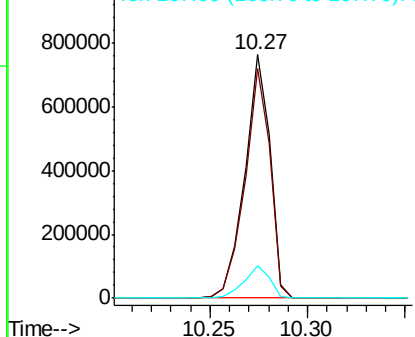


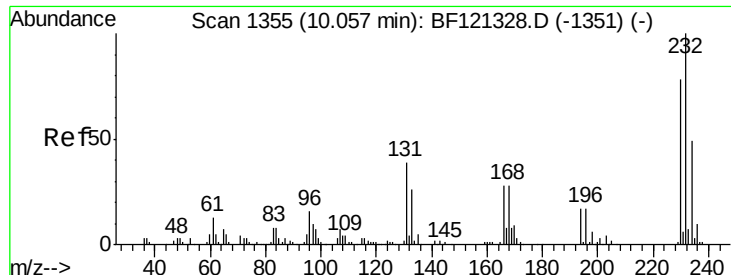
#58
 Fluorene
 Concen: 40.783 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:	166	Resp:	681275
Ion	Ratio	Lower	Upper
166	100		
165	94.4	75.8	113.8
167	13.4	11.0	16.4



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

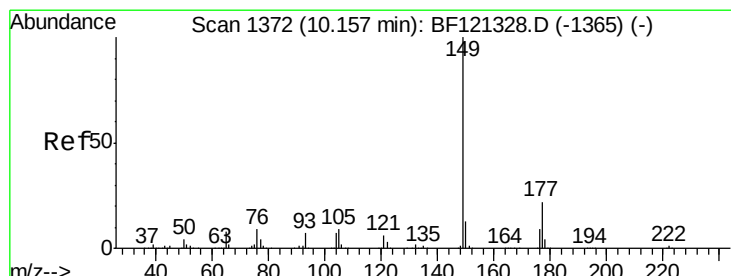
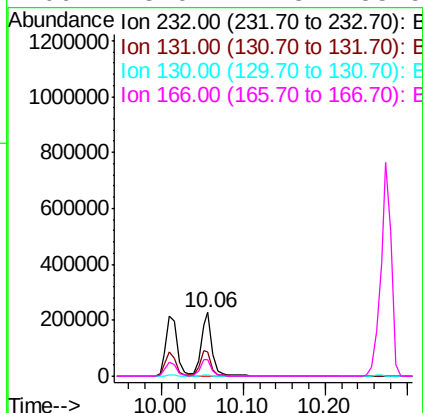
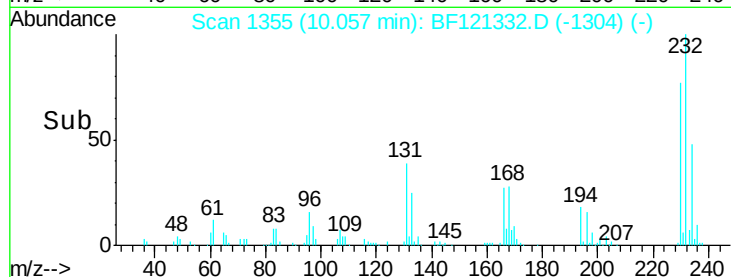
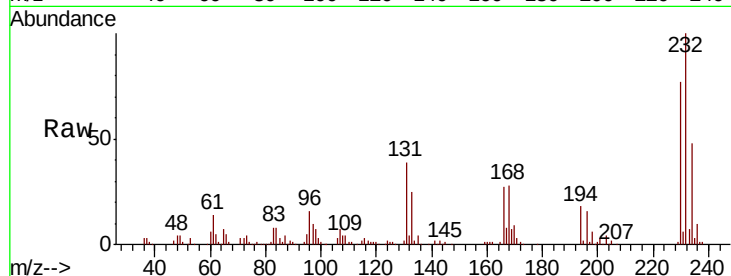




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.277 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

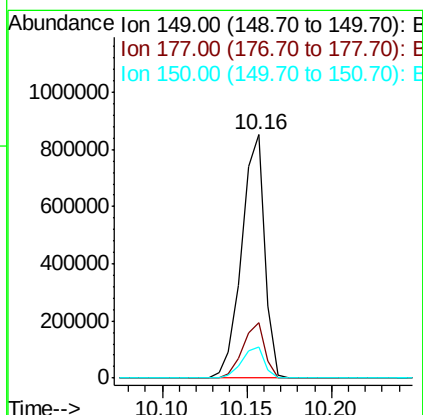
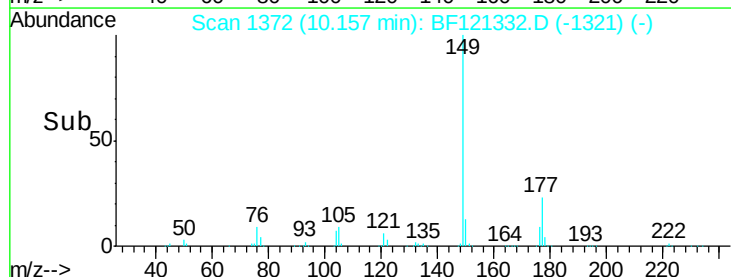
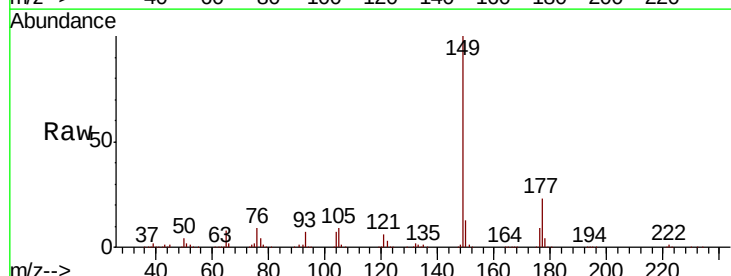
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

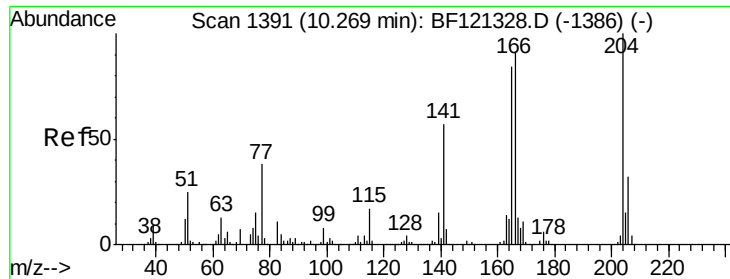
Tot Ion:	232	Resp:	215045
Ion	Ratio	Lower	Upper
232	100		
131	41.3	34.2	51.4
130	2.0	1.7	2.5
166	28.0	22.3	33.5



#60
 Diethylphthalate
 Concen: 36.252 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:	149	Resp:	810798
Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.6	26.4
150	12.6	10.1	15.1

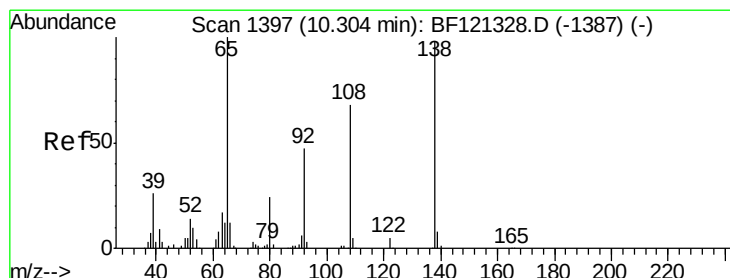
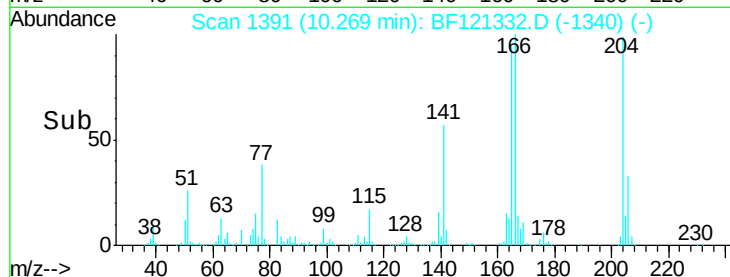
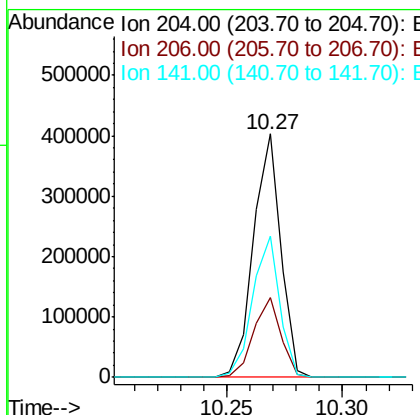
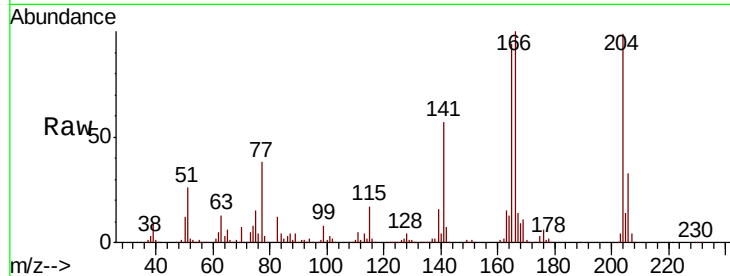




#61
 4-Chlorophenyl-phenylether
 Concen: 39.674 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

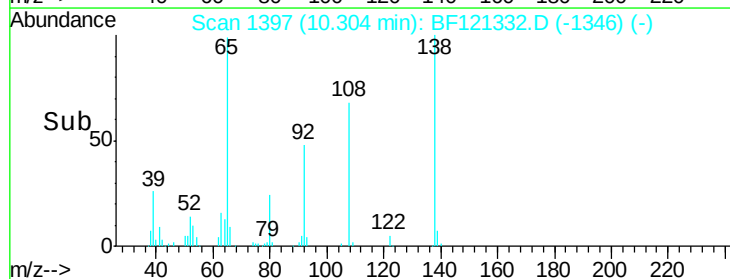
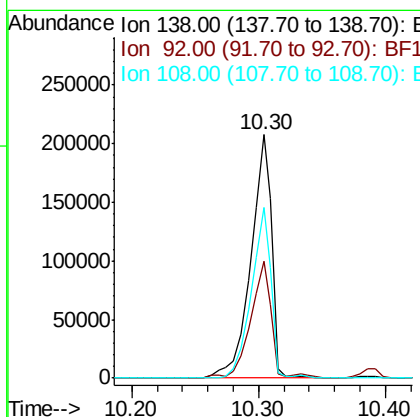
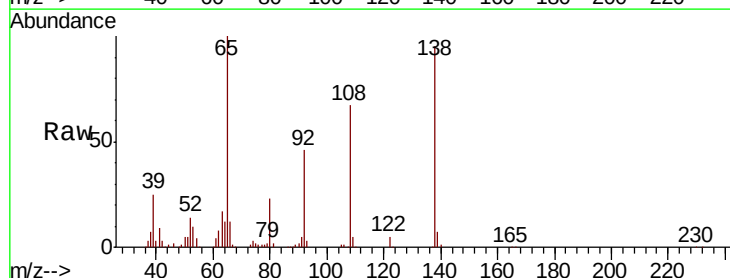
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

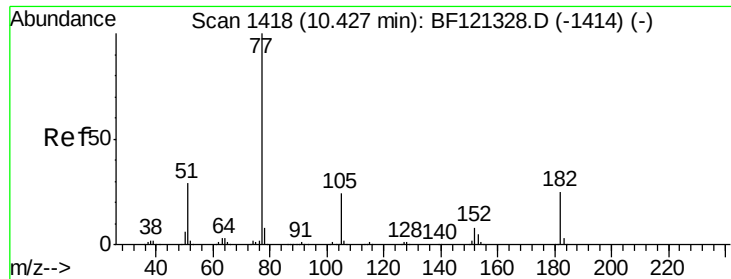
Tot Ion:	204	Resp:	335206
Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.9	38.9
141	58.2	45.5	68.3



#62
 4-Nitroaniline
 Concen: 38.263 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:	138	Resp:	239904
Ion	Ratio	Lower	Upper
138	100		
92	48.1	28.1	68.1
108	70.1	49.5	89.5

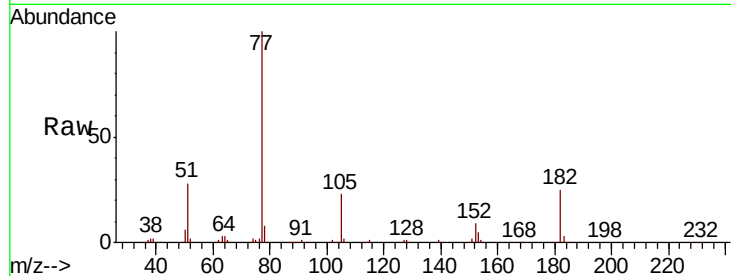




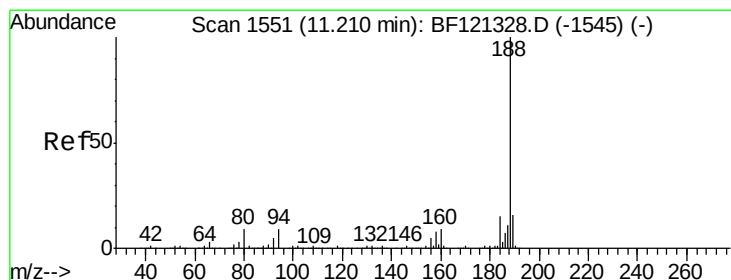
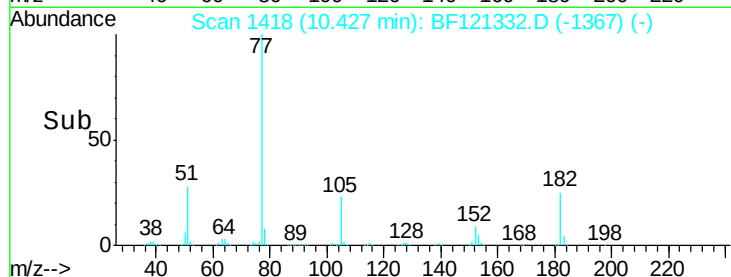
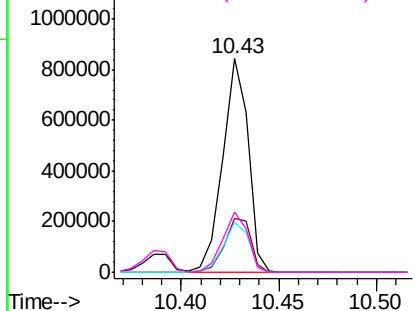
#63
Azobenzene
Concen: 36.567 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion:	77	Resp:	759625
Ion	Ratio	Lower	Upper
77	100		
182	25.0	5.0	45.0
105	23.4	3.6	43.6
51	28.4	8.8	48.8

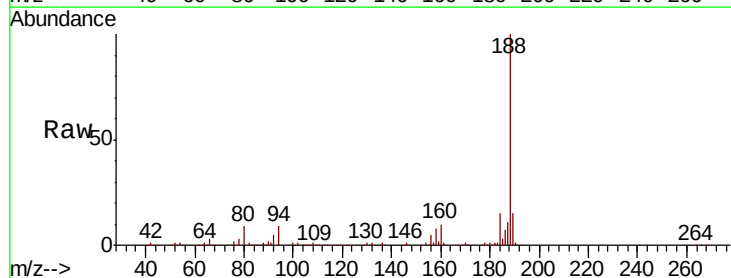


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

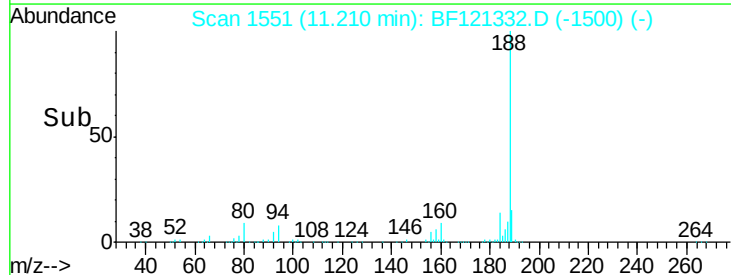
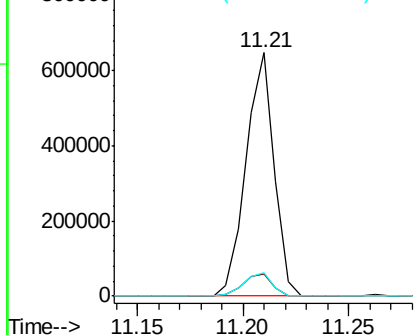


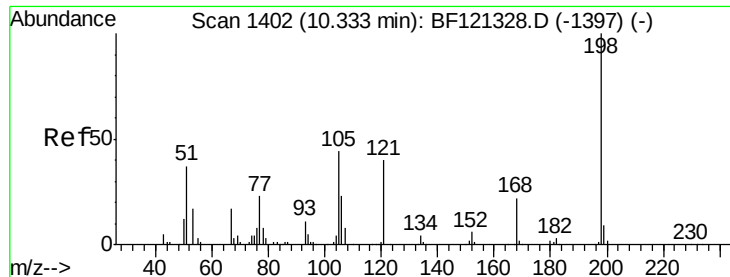
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion:	188	Resp:	597522
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.4	7.4	11.0



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: 40.999 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

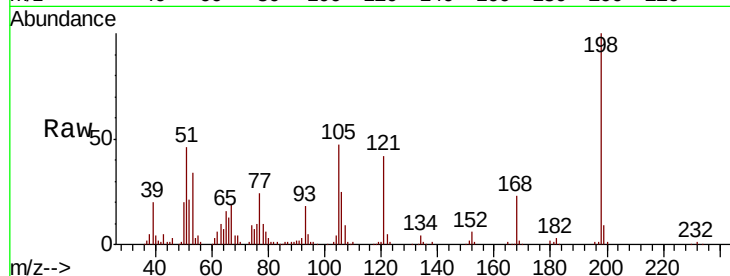
Tot Ion:198 Resp: 131014

Ion Ratio Lower Upper

198 100

51 46.1 25.5 65.5

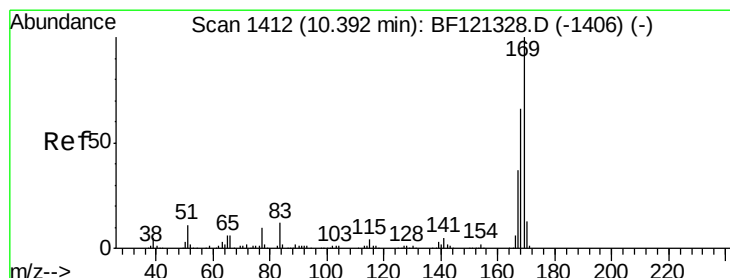
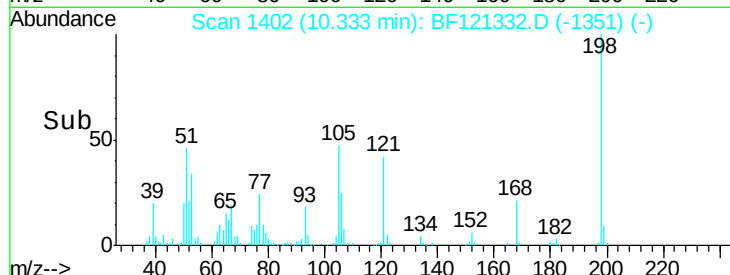
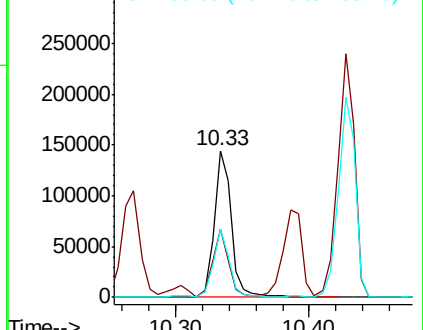
105 46.8 24.9 64.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 36.602 ng

RT: 10.39 min Scan# 1412

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

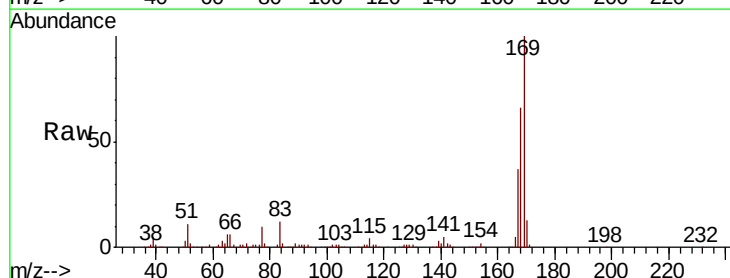
Tgt Ion:169 Resp: 674612

Ion Ratio Lower Upper

169 100

168 66.0 53.0 79.6

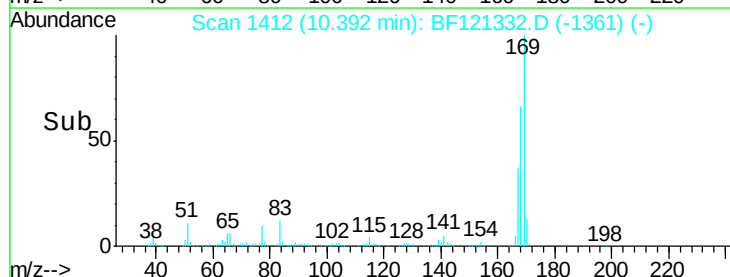
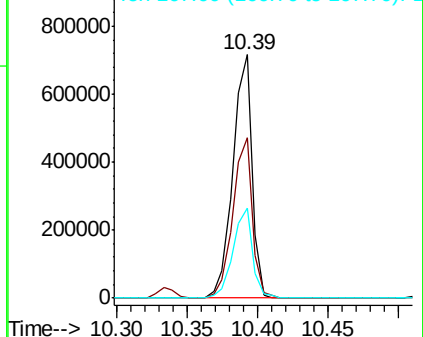
167 36.8 29.5 44.3

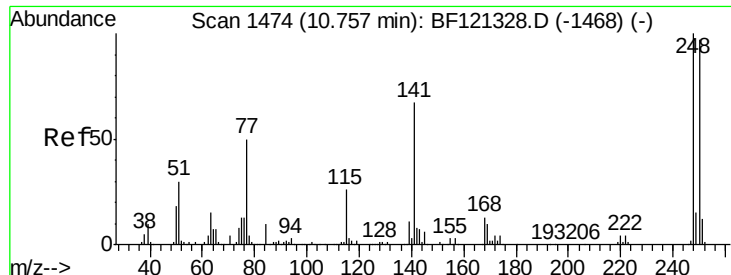


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

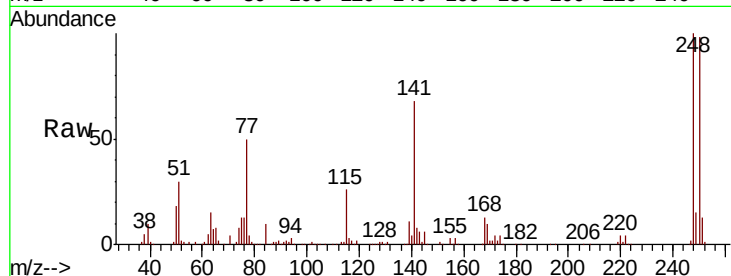




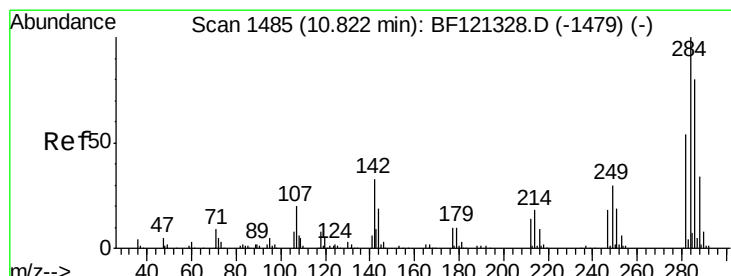
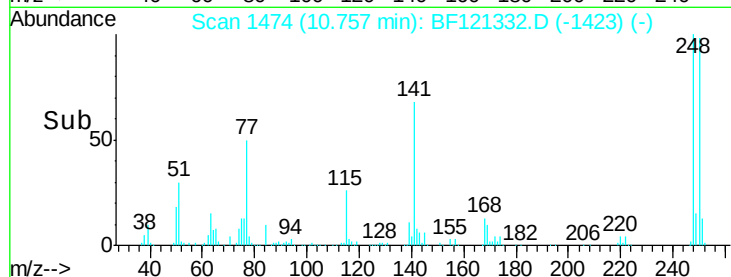
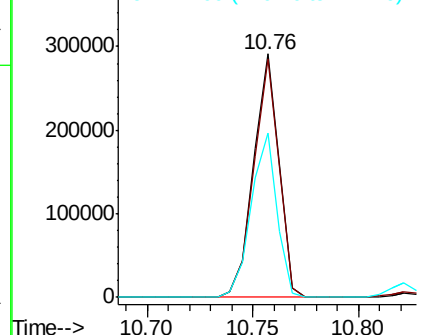
#67
 4-Bromophenyl-phenylether
 Concen: 36.798 ng
 RT: 10.76 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

Tot Ion:248 Resp: 243901
 Ion Ratio Lower Upper
 248 100
 250 97.9 77.9 116.9
 141 67.6 53.5 80.3

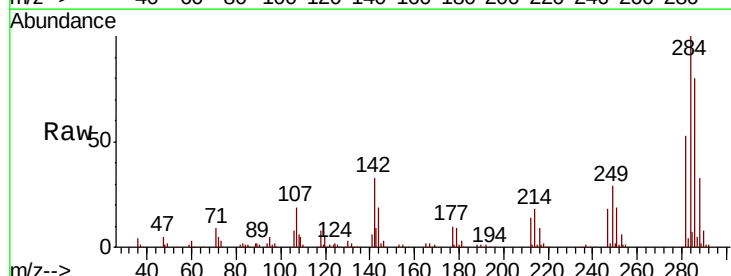


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

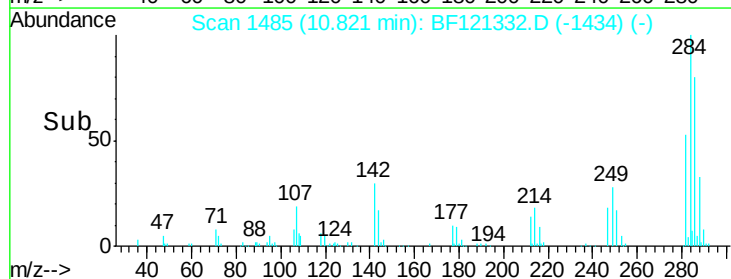
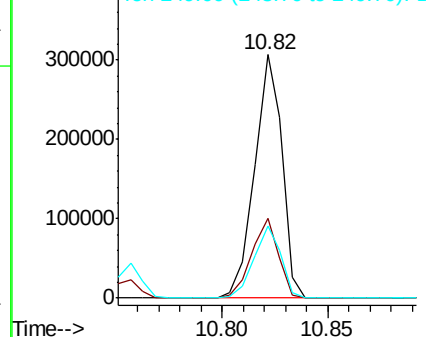


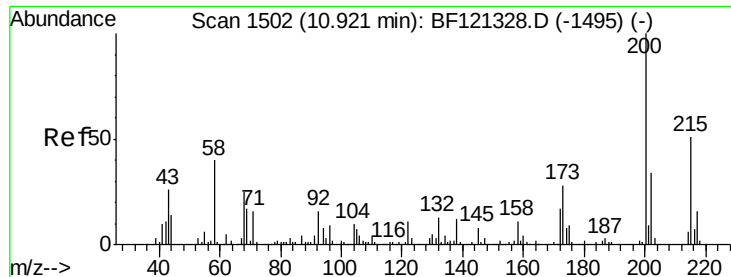
#68
 Hexachlorobenzene
 Concen: 36.243 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:284 Resp: 276899
 Ion Ratio Lower Upper
 284 100
 142 32.6 26.1 39.1
 249 29.4 24.0 36.0



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

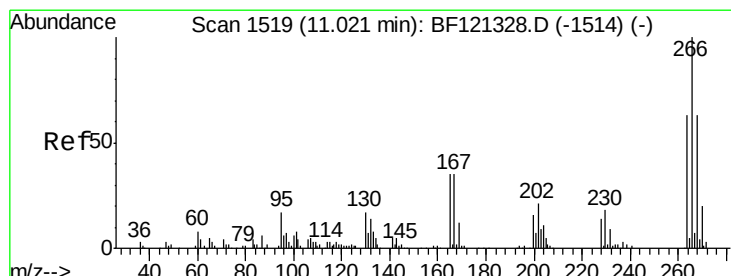
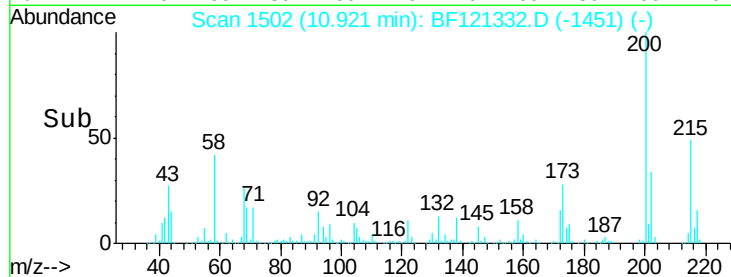
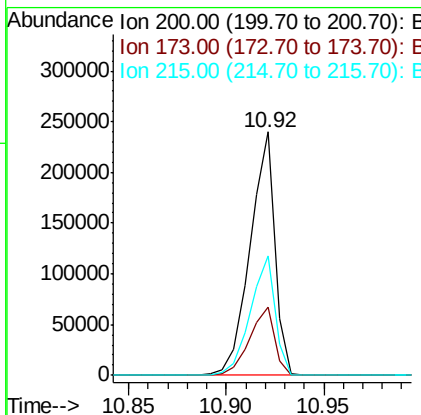
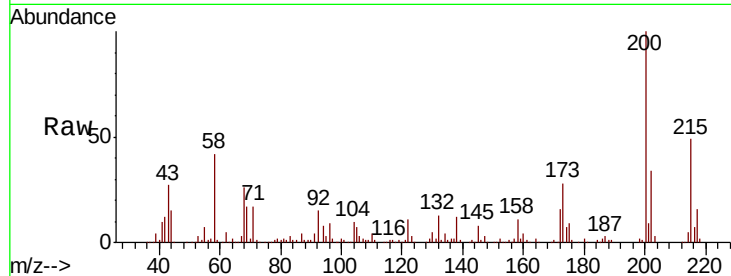




#69
 Atrazine
 Concen: 37.028 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

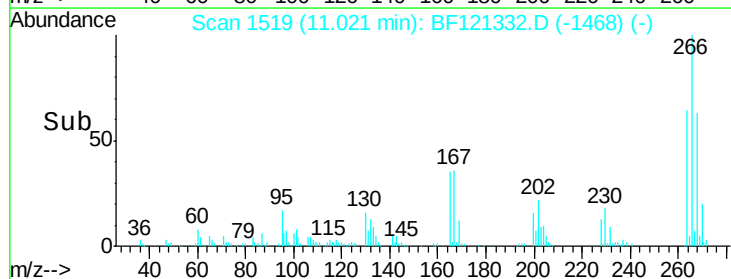
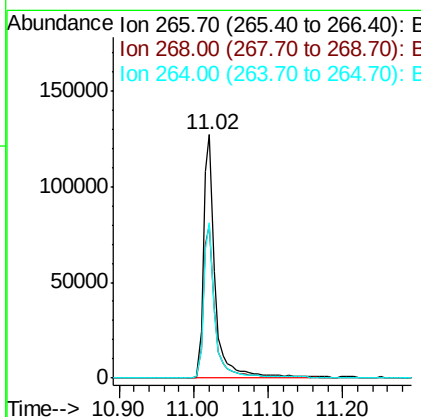
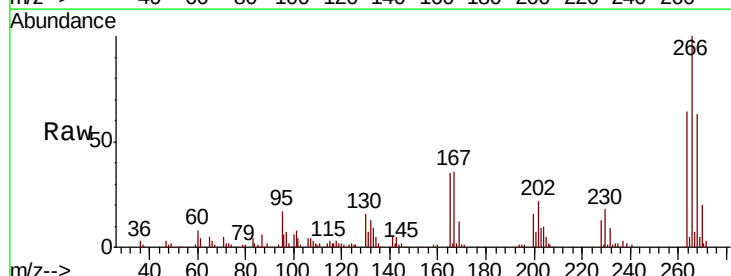
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

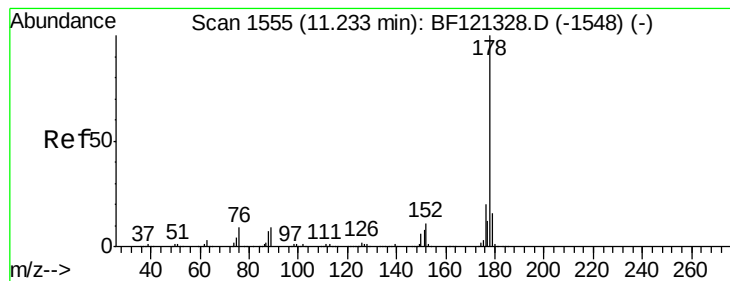
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.8	47.8
215	49.2	30.5	70.5



#70
 Pentachlorophenol
 Concen: 41.354 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.6	75.8
264	63.9	50.5	75.7





#71

Phenanthrene

Concen: 35.032 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

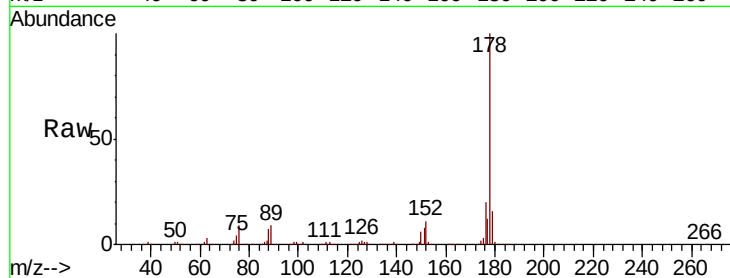
Tot Ion:178 Resp: 1083347

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

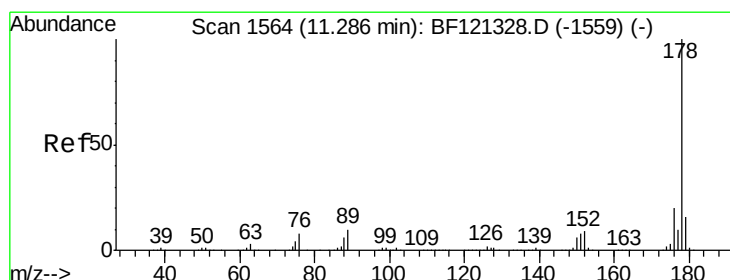
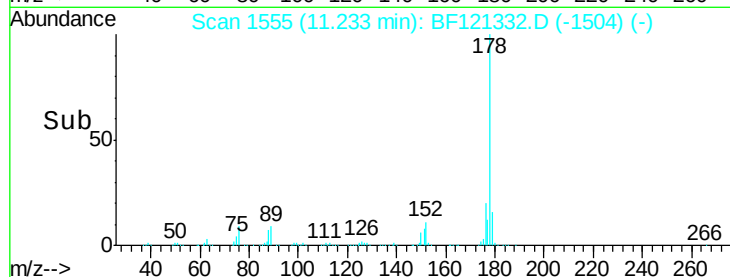
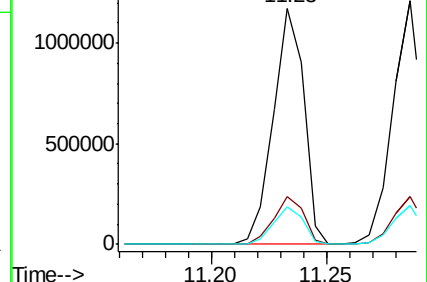
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.961 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

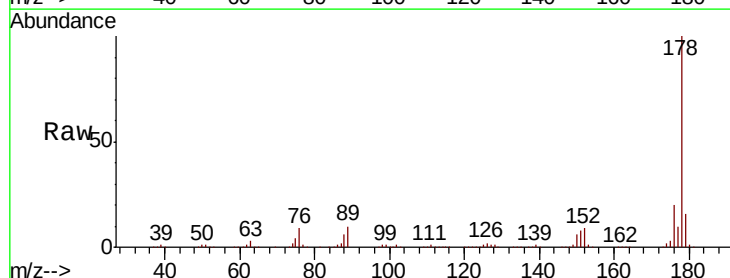
Tgt Ion:178 Resp: 1070908

Ion Ratio Lower Upper

178 100

176 19.8 15.6 23.4

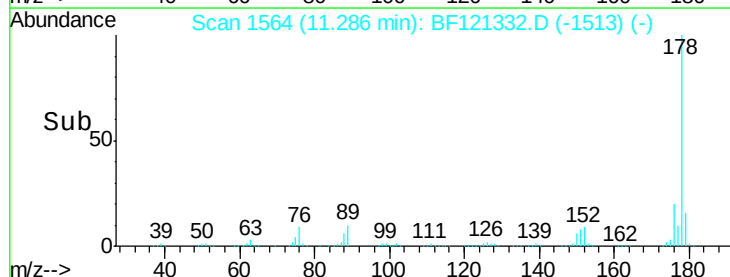
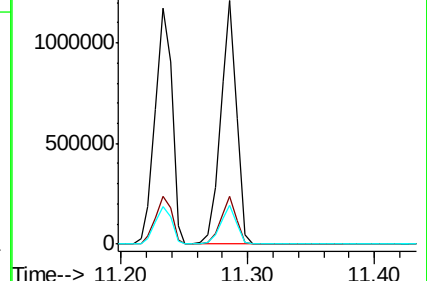
179 15.9 12.8 19.2

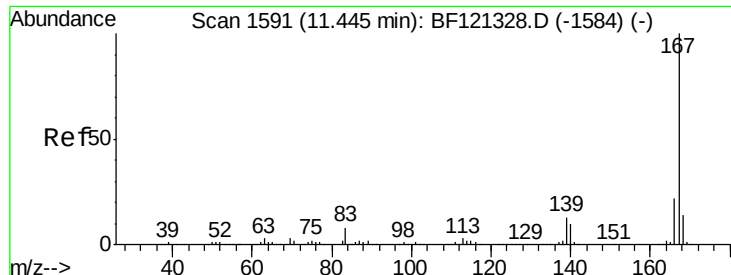


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

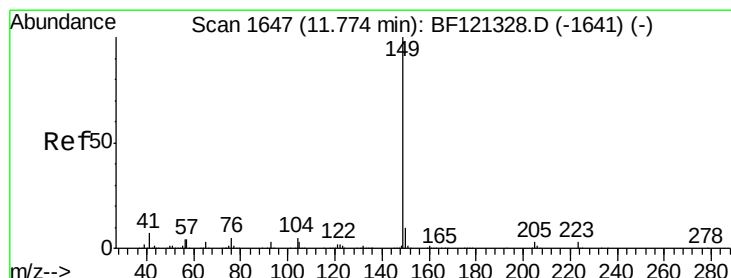
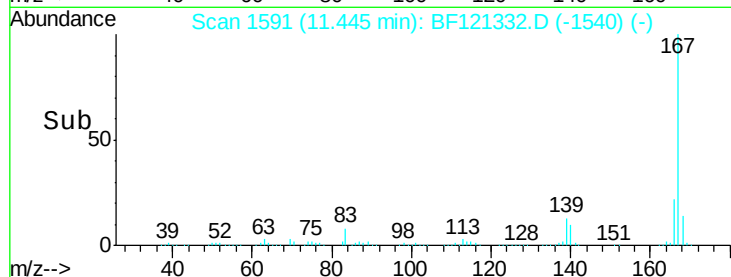
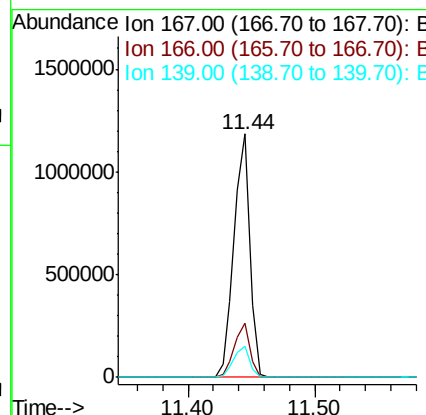
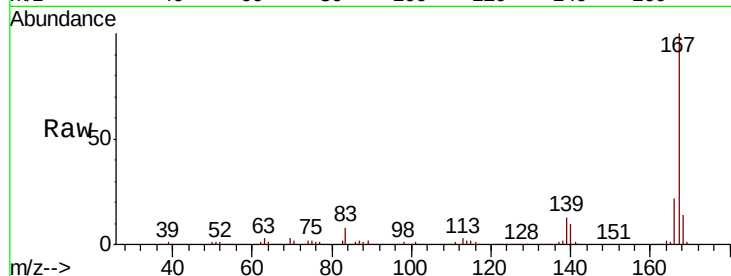




#73
 Carbazole
 Concen: 36.267 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

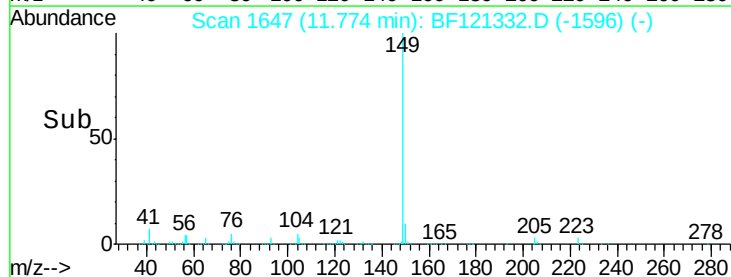
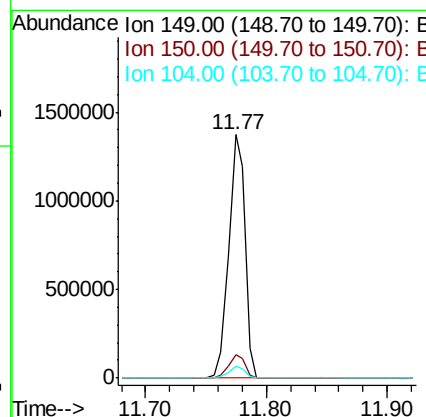
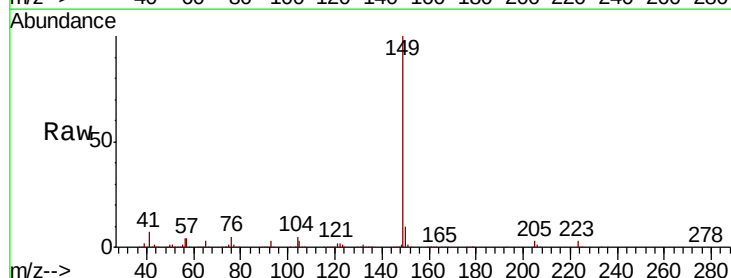
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

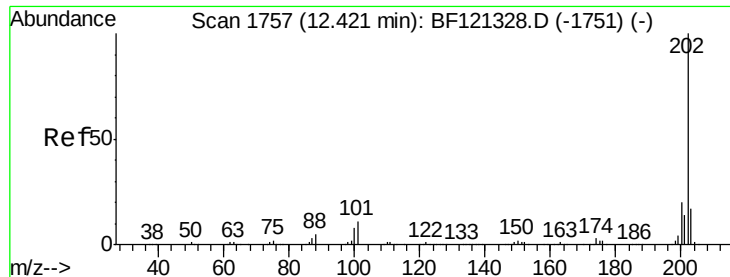
Tot Ion:167 Resp: 1030754
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 36.996 ng
 RT: 11.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:149 Resp: 1267896
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.8 3.9 5.9

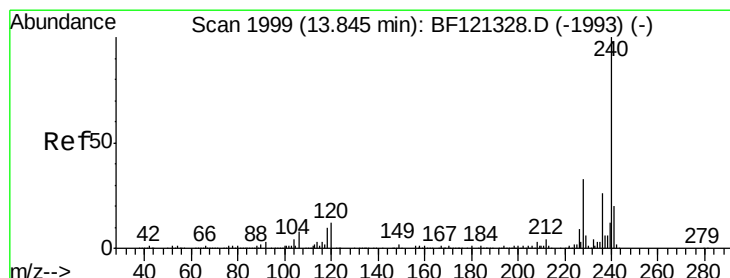
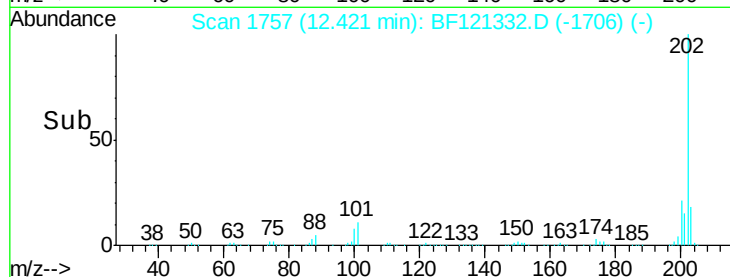
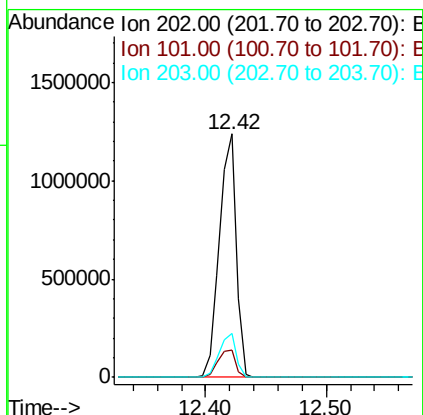
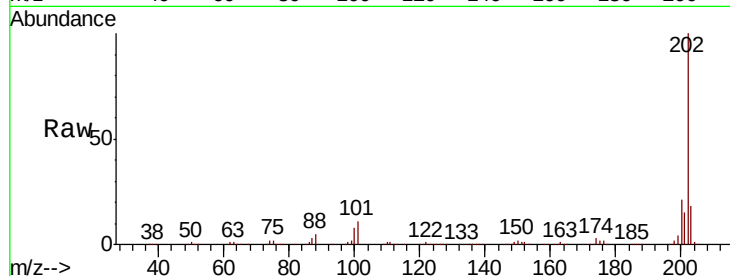




#75
 Fluoranthene
 Concen: 35.358 ng
 RT: 12.42 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

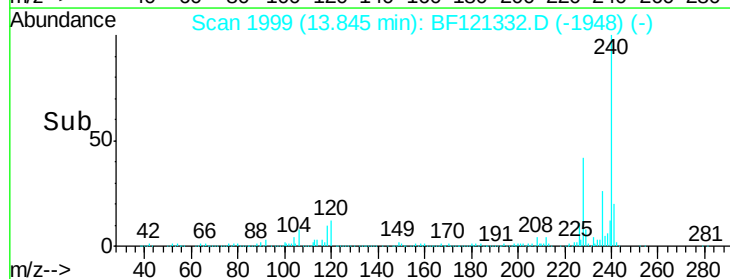
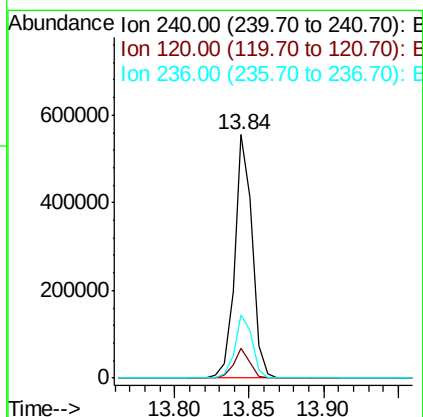
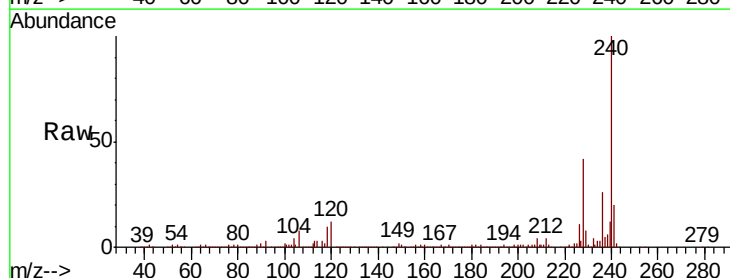
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

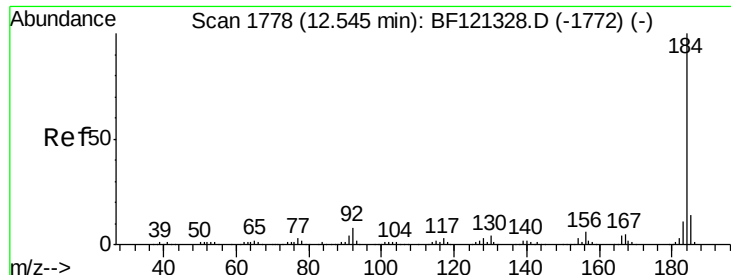
Tot Ion:202 Resp: 1186840
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.6
 203 17.9 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:240 Resp: 455584
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.6 14.4
 236 26.1 20.6 31.0





#77

Benzidine

Concen: 36.553 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

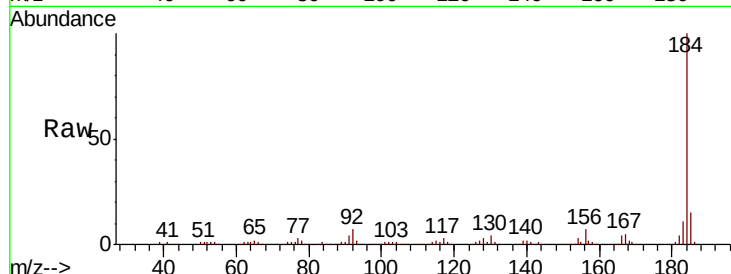
Tot Ion:184 Resp: 458801

Ion Ratio Lower Upper

184 100

185 14.6 11.6 17.4

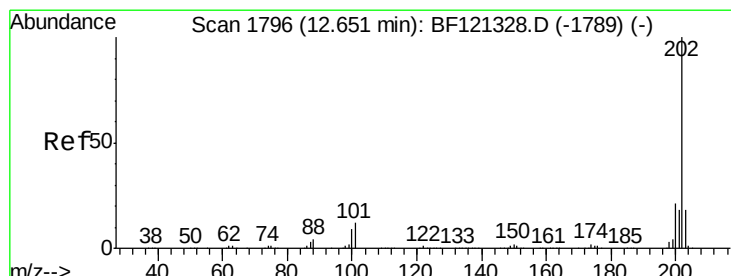
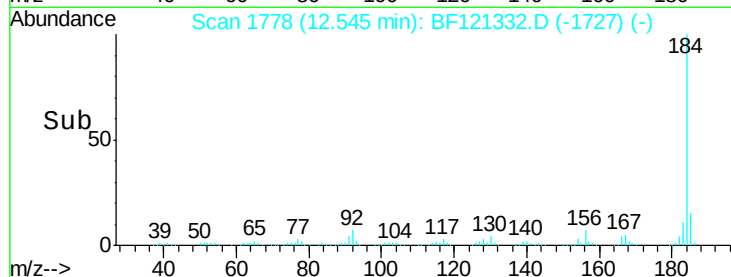
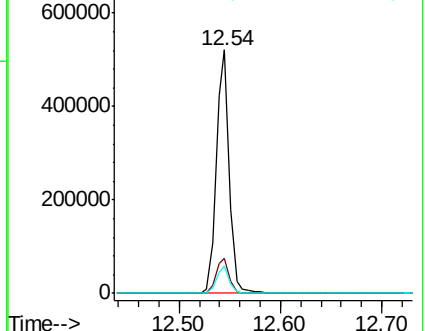
183 11.0 8.7 13.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.821 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

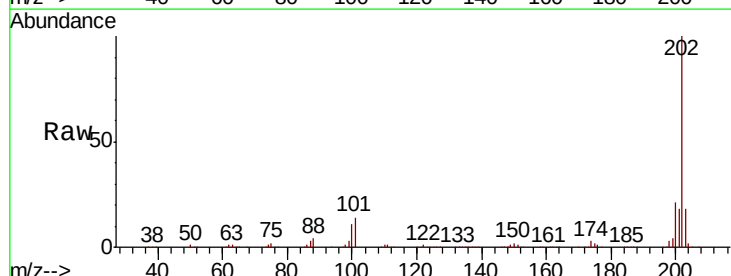
Tgt Ion:202 Resp: 1225867

Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

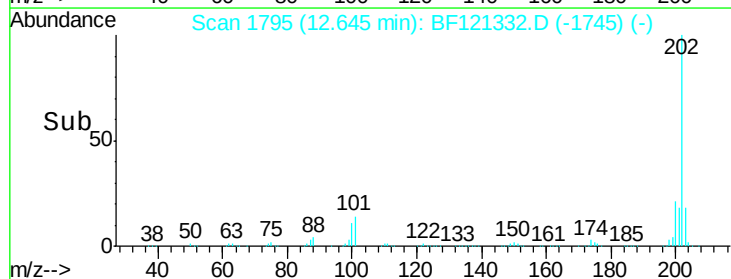
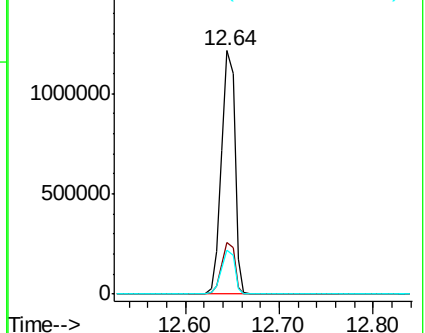
203 18.1 14.2 21.2

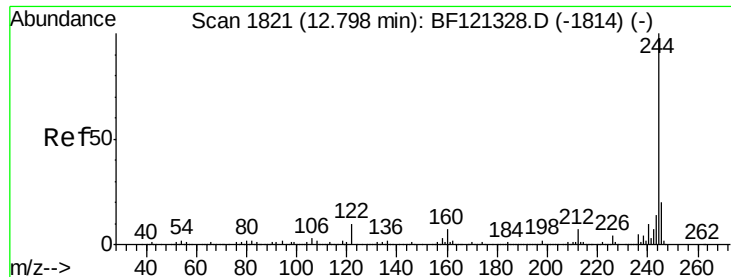


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

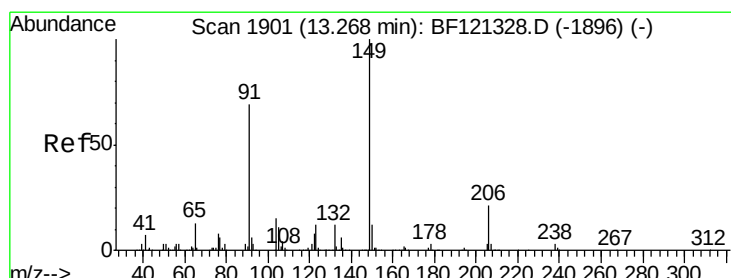
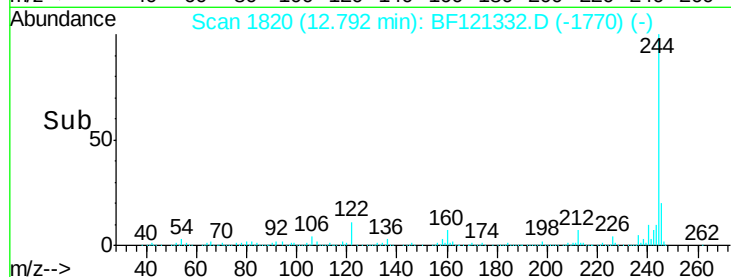
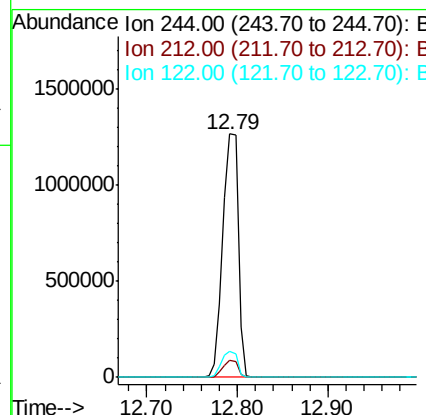
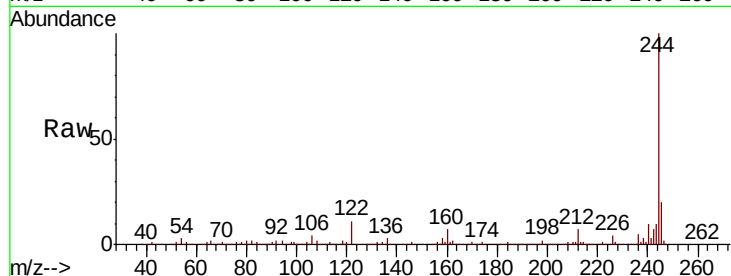




#79
 Terphenyl-d14
 Concen: 63.637 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

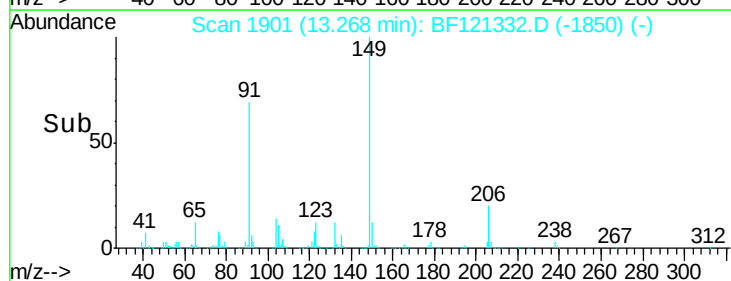
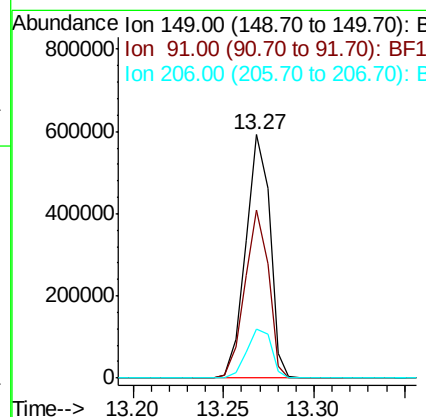
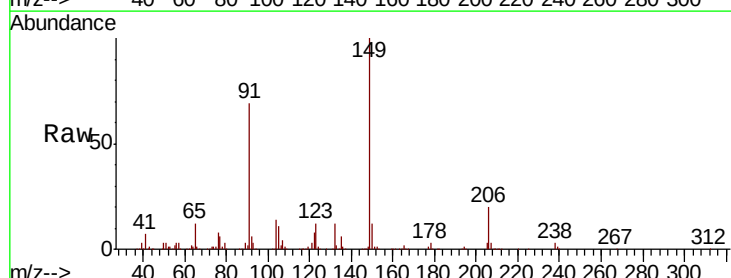
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

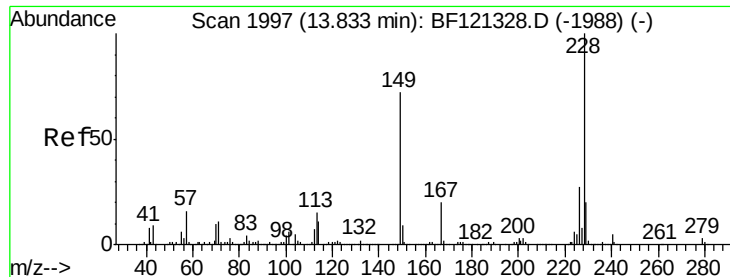
Tot Ion:244 Resp: 1483611
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.6 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 37.277 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:149 Resp: 548159
 Ion Ratio Lower Upper
 149 100
 91 69.1 55.2 82.8
 206 20.2 16.8 25.2





#81

Benzo(a)anthracene

Concen: 33.650 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

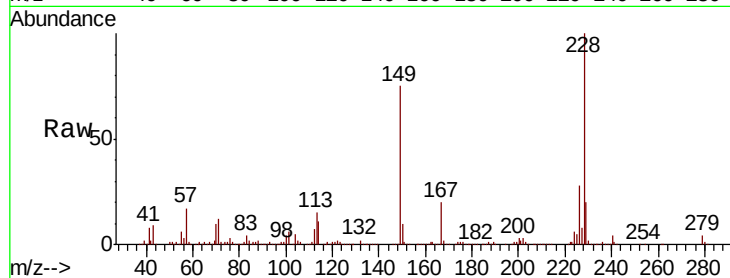
Tot Ion:228 Resp: 952173

Ion Ratio Lower Upper

228 100

226 28.1 21.8 32.6

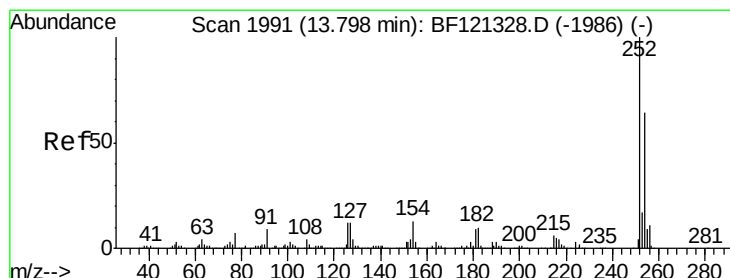
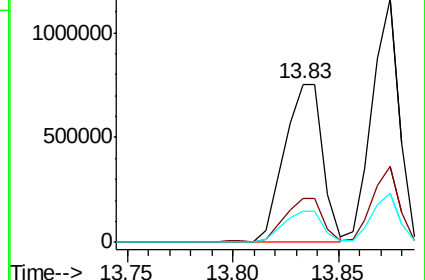
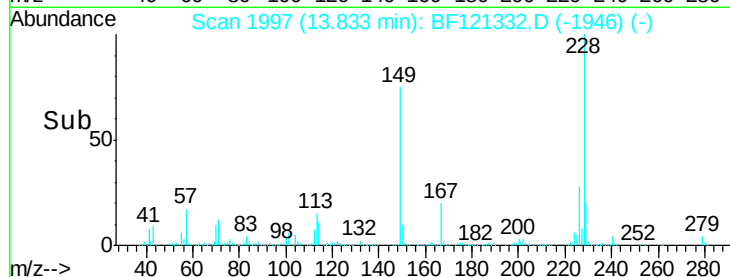
229 20.0 15.8 23.8



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: 37.417 ng

RT: 13.80 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

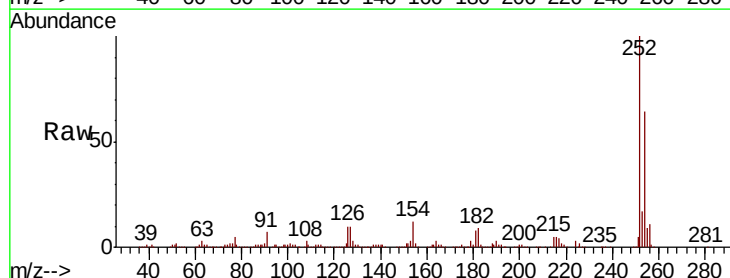
Tgt Ion:252 Resp: 406513

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

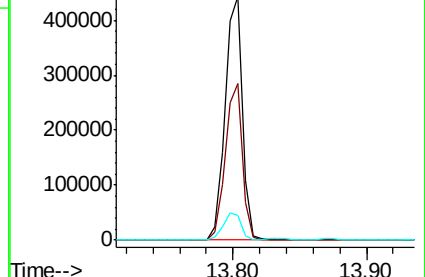
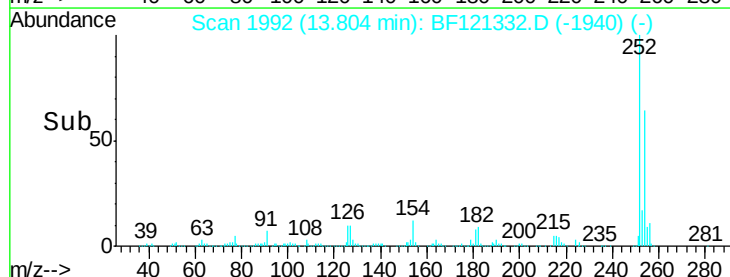
126 10.1 9.8 14.8

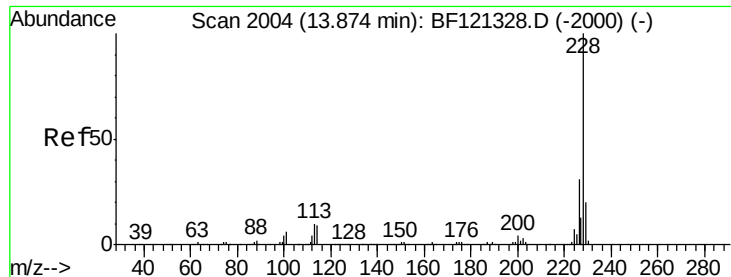


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.919 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

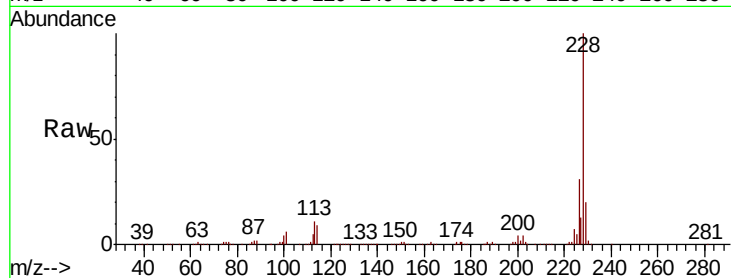
Tot Ion:228 Resp: 1039527

Ion Ratio Lower Upper

228 100

226 31.0 24.6 36.8

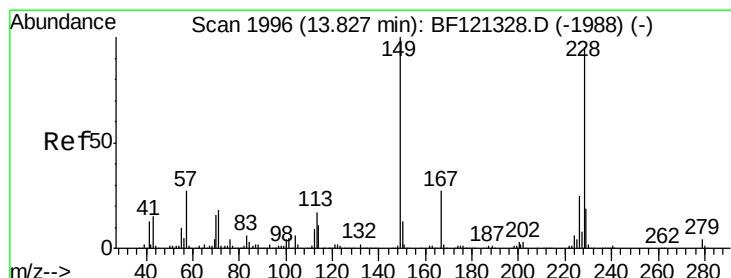
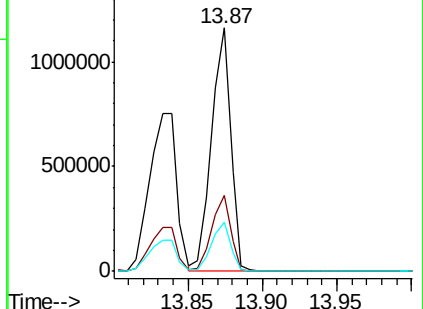
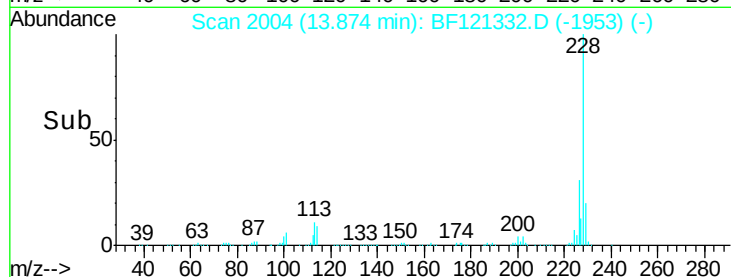
229 20.0 15.9 23.9



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: 35.001 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

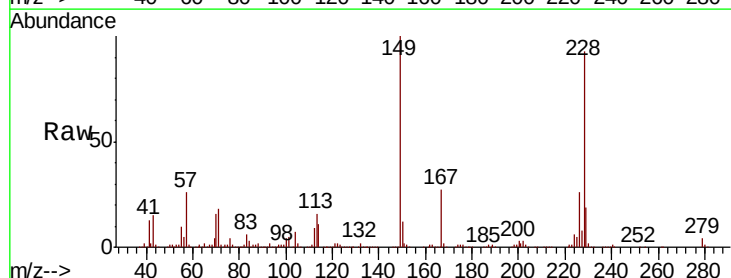
Tgt Ion:149 Resp: 605278

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

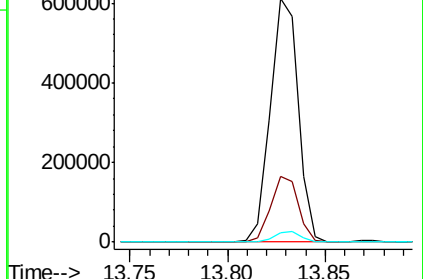
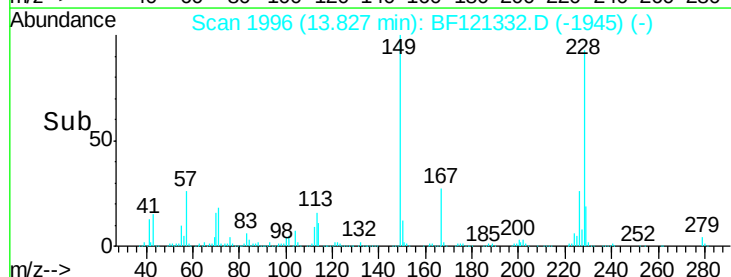
279 3.8 2.9 4.3

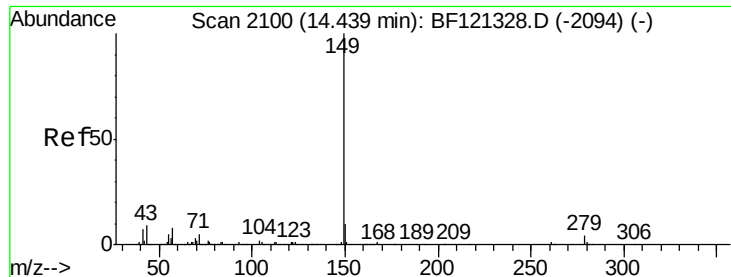


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

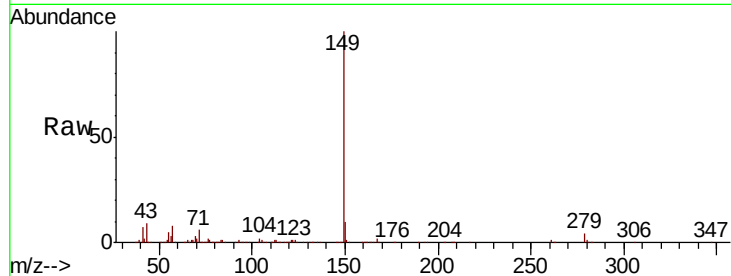




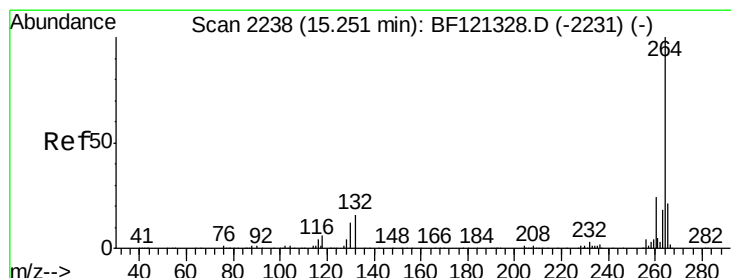
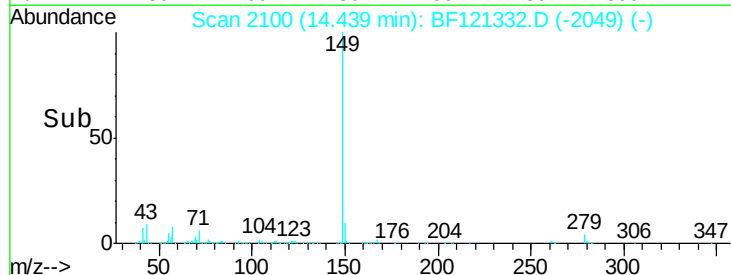
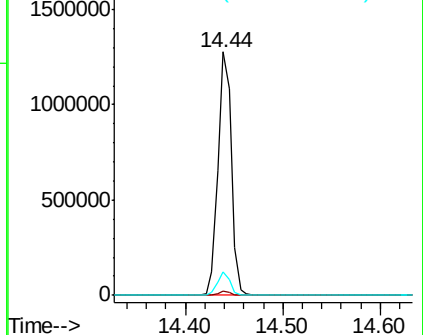
#85
Di-n-octyl phthalate
Concen: 38.077 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion:149 Resp: 1218591
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 7.1 10.7

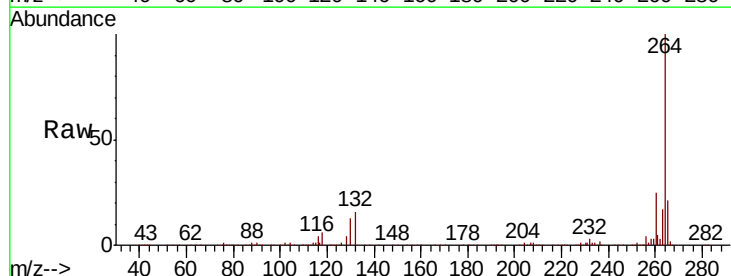


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

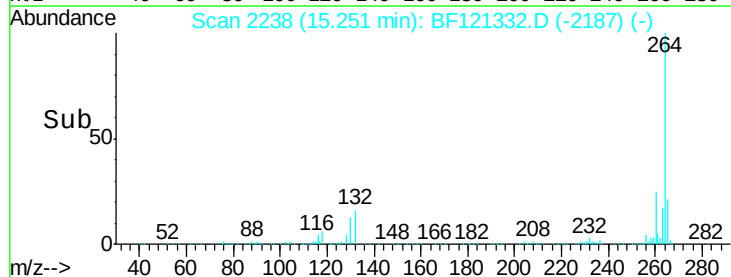
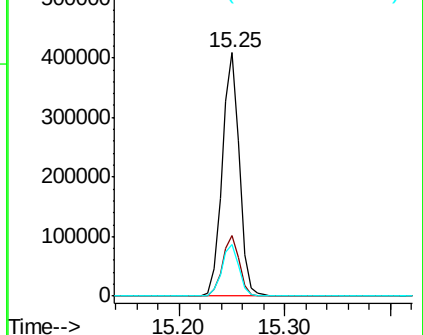


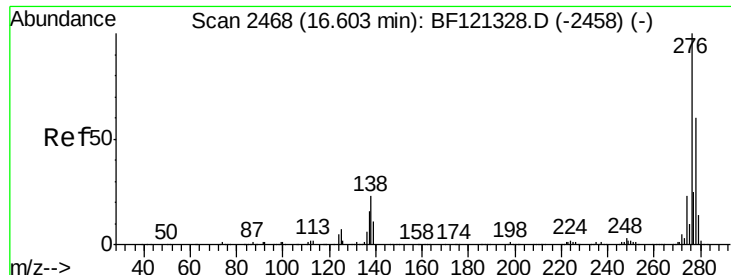
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion:264 Resp: 462352
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 21.3 17.1 25.7



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

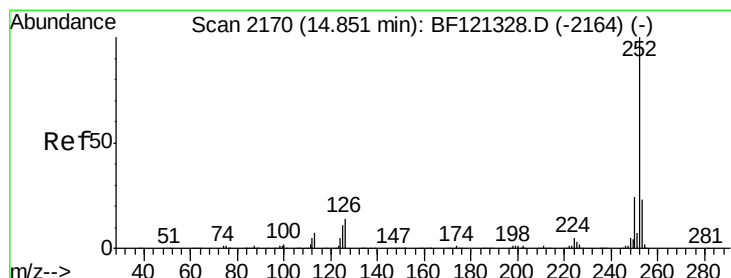
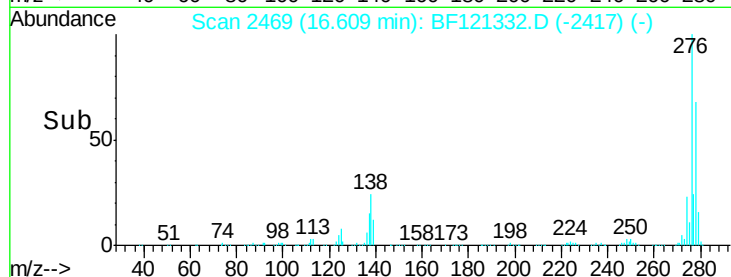
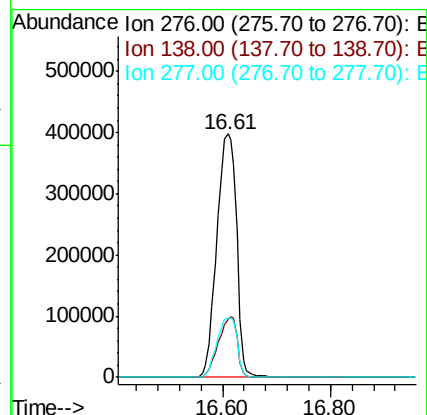
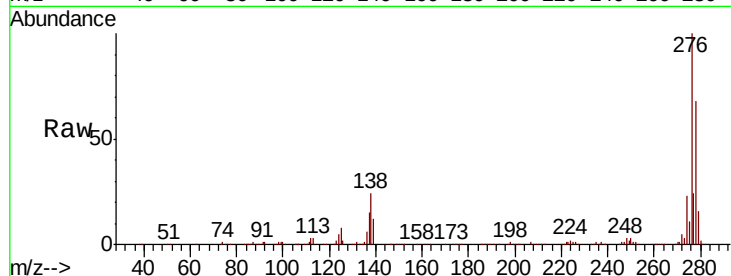




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.589 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. 0.01 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

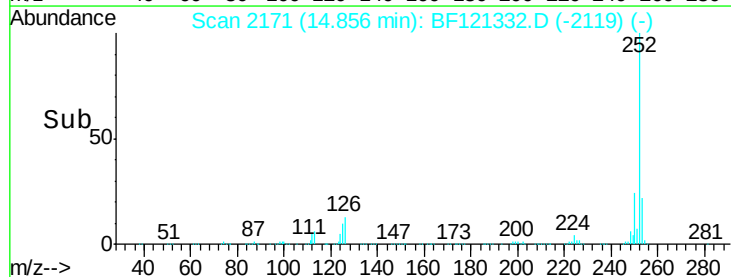
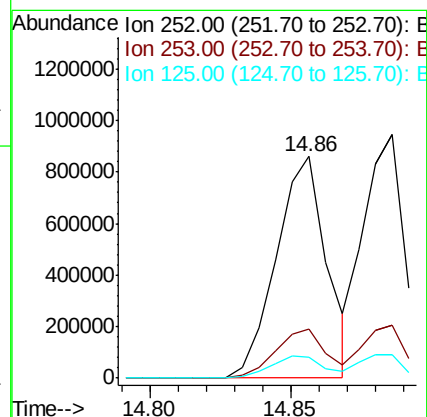
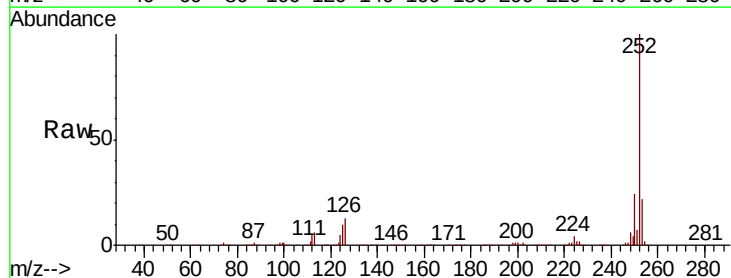
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF081920

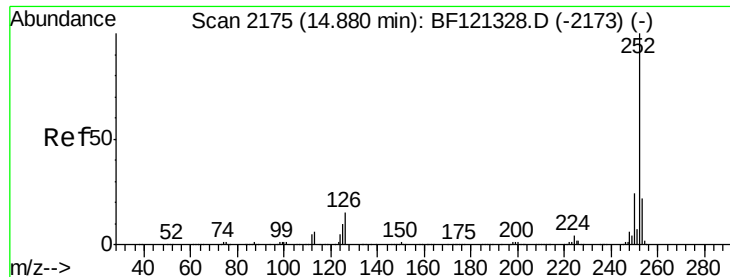
Tot Ion:276 Resp: 1032643
 Ion Ratio Lower Upper
 276 100
 138 23.9 19.4 29.0
 277 25.1 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 35.660 ng
 RT: 14.86 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: BF121332.D
 Acq: 19 Aug 2020 22:02

Tgt Ion:252 Resp: 1065159
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 9.7 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 36.229 ng

RT: 14.89 min Scan# 2176

Delta R.T. 0.01 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

Instrument :

BNA_F

ClientSampleId :

ICVBF081920

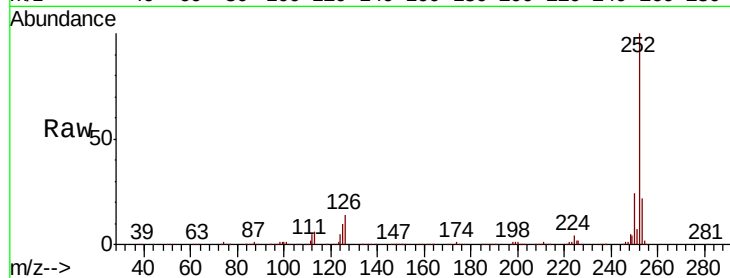
Tot Ion:252 Resp: 952570

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

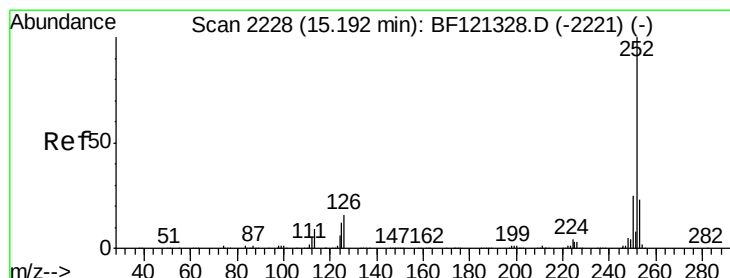
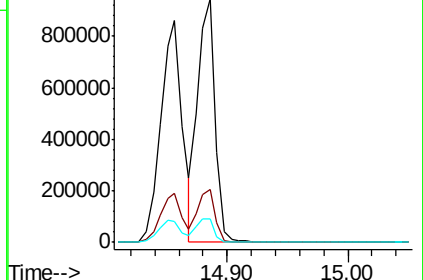
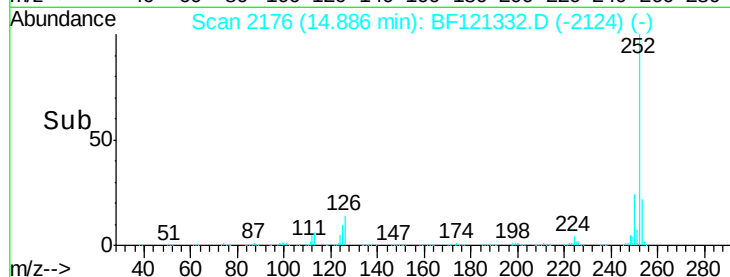
125 9.7 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.684 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF121332.D

Acq: 19 Aug 2020 22:02

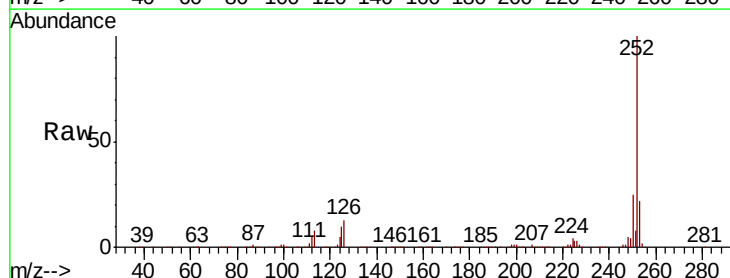
Tgt Ion:252 Resp: 946779

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

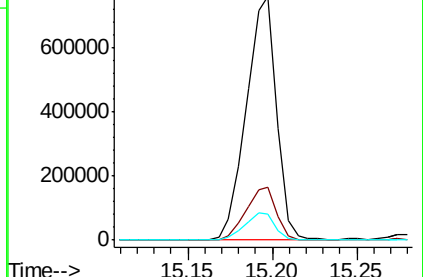
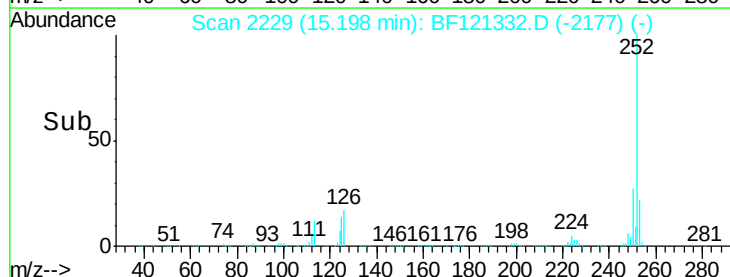
125 10.4 9.4 14.0

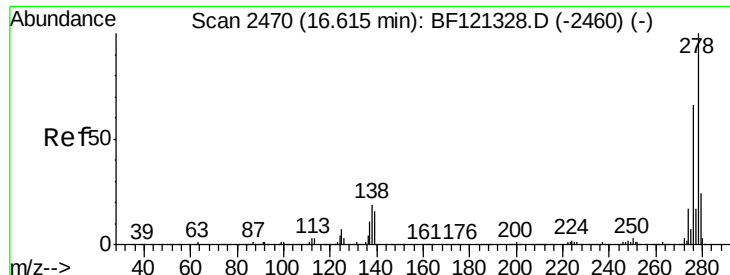


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

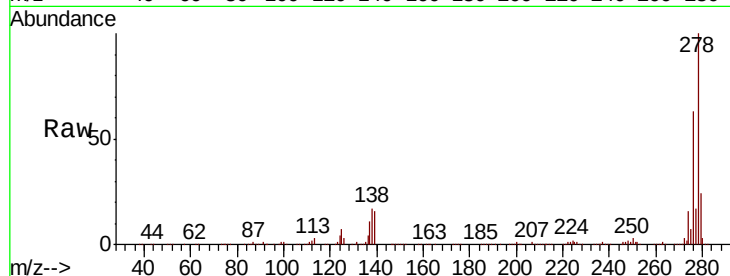




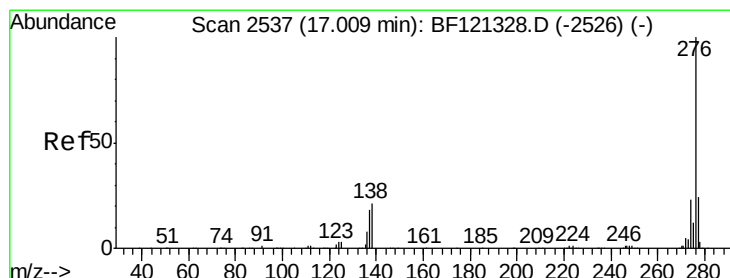
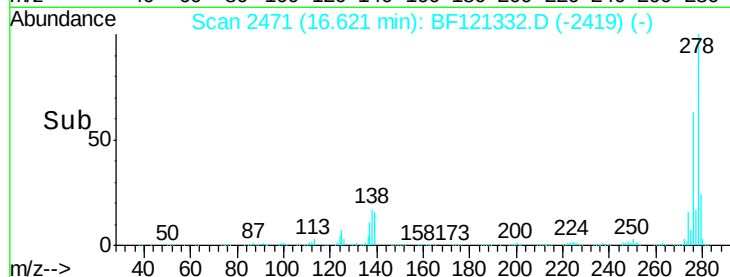
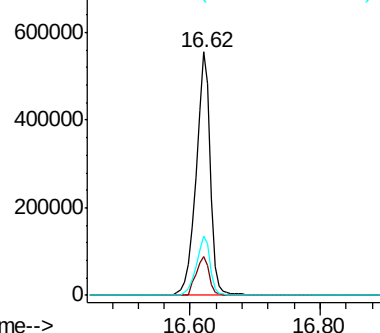
#91
Dibenzo(a,h)anthracene
Concen: 36.038 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Instrument :
BNA_F
ClientSampleId :
ICVBF081920

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.1	19.7
279	24.2	19.4	29.2

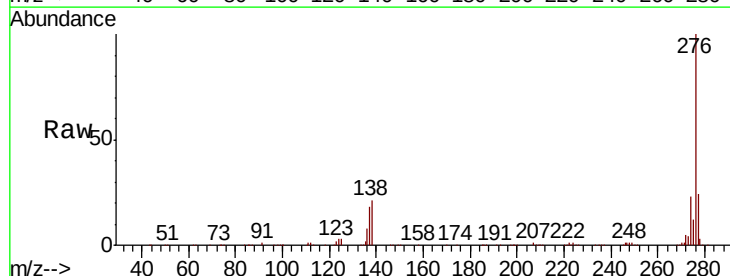


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.683 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BF121332.D
Acq: 19 Aug 2020 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.3	28.9
138	21.1	16.8	25.2



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

