

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121391.D
 Acq On : 24 Aug 2020 10:23
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 24 11:51:59 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	6.70	152	165203	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	618647	20.00	ng	0.01
39) Acenaphthene-d10	9.73	164	319611	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	615825	20.00	ng	0.01
76) Chrysene-d12	13.86	240	474178	20.00	ng	0.02
86) Perylene-d12	15.27	264	521181	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	739681	73.42	ng	0.01
7) Phenol-d6	6.35	99	910506	70.79	ng	0.01
23) Nitrobenzene-d5	7.27	82	988889	90.40	ng	0.01
42) 2,4,6-Tribromophenol	10.53	330	276237	74.17	ng	0.01
45) 2-Fluorobiphenyl	9.06	172	1578858	96.60	ng	0.01
79) Terphenyl-d14	12.81	244	1728686	71.24	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	171391	37.593	ng	99
3) Pyridine	3.03	79	478227	39.083	ng	99
4) n-Nitrosodimethylamine	2.99	42	187162	37.580	ng	100
6) Aniline	6.36	93	510988	34.407	ng	# 58
8) 2-Chlorophenol	6.49	128	392345	37.259	ng	97
9) Benzaldehyde	6.25	77	286178	39.552	ng	99
10) Phenol	6.36	94	449428	33.326	ng	92
11) bis(2-Chloroethyl)ether	6.44	93	380711	36.655	ng	99
12) 1,3-Dichlorobenzene	6.64	146	431169	36.547	ng	99
13) 1,4-Dichlorobenzene	6.72	146	437157	36.706	ng	99
14) 1,2-Dichlorobenzene	6.87	146	388828	34.282	ng	97
15) Benzyl Alcohol	6.85	79	278446	35.982	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.98	45	549298	35.918	ng	88
17) 2-Methylphenol	6.97	107	309259	35.594	ng	97
18) Hexachloroethane	7.21	117	161914	36.512	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	246936	35.699	ng	98
20) 3+4-Methylphenols	7.13	107	362779	41.545	ng	# 81
22) Acetophenone	7.12	105	520255	35.970	ng	# 98
24) Nitrobenzene	7.29	77	402116	36.068	ng	96
25) Isophorone	7.53	82	705503	35.441	ng	99
26) 2-Nitrophenol	7.60	139	216680	37.896	ng	97
27) 2,4-Dimethylphenol	7.65	122	298446	36.580	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	485828	35.852	ng	99
29) 2,4-Dichlorophenol	7.85	162	323793	36.350	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	367033	36.032	ng	99
31) Naphthalene	8.01	128	1092484	35.482	ng	99
32) Benzoic acid	7.80	122	230828	37.925	ng	99
33) 4-Chloroaniline	8.06	127	493025	36.161	ng	97
34) Hexachlorobutadiene	8.12	225	216086	35.845	ng	98
35) Caprolactam	8.45	113	110934	38.026	ng	100
36) 4-Chloro-3-methylphenol	8.55	107	332657	36.924	ng	100
37) 2-Methylnaphthalene	8.70	142	714793	35.818	ng	99
38) 1-Methylnaphthalene	8.79	142	676946	35.675	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	345908	36.465	ng	99

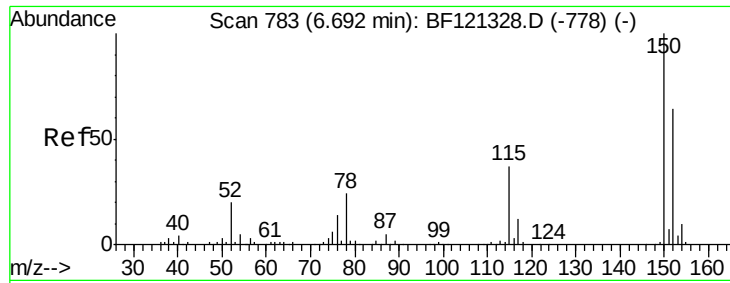
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	129872	38.078	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	241067	37.172	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	248578	37.257	ng	98
46) 1,1'-Biphenyl	9.16	154	863631	36.052	ng	99
47) 2-Chloronaphthalene	9.19	162	712565	36.105	ng	99
48) 2-Nitroaniline	9.29	65	230924	37.162	ng	95
49) Acenaphthylene	9.60	152	1047497	35.734	ng	100
50) Dimethylphthalate	9.46	163	843054	36.257	ng	100
51) 2,6-Dinitrotoluene	9.53	165	185128	37.279	ng	96
52) Acenaphthene	9.77	154	640063	35.936	ng	97
53) 3-Nitroaniline	9.70	138	233585	37.601	ng	95
54) 2,4-Dinitrophenol	9.82	184	92770	38.750	ng	97
55) Dibenzofuran	9.95	168	904720	39.087	ng	98
56) 4-Nitrophenol	9.87	139	139621	36.443	ng	98
57) 2,4-Dinitrotoluene	9.94	165	218678	36.096	ng	# 89
58) Fluorene	10.29	166	710855	42.115	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	217031	38.052	ng	98
60) Diethylphthalate	10.16	149	820115	36.119	ng	100
61) 4-Chlorophenyl-phenylether	10.27	204	360282	42.434	ng	99
62) 4-Nitroaniline	10.32	138	238545	37.476	ng	99
63) Azobenzene	10.44	77	763142	36.186	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	126412	38.384	ng	99
66) n-Nitrosodiphenylamine	10.40	169	678638	35.726	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	246354	36.064	ng	97
68) Hexachlorobenzene	10.83	284	279663	35.517	ng	99
69) Atrazine	10.93	200	214919	36.524	ng	99
70) Pentachlorophenol	11.03	266	127186	36.303	ng	100
71) Phenanthrene	11.25	178	1090066	34.201	ng	100
72) Anthracene	11.30	178	1083965	35.317	ng	100
73) Carbazole	11.46	167	1055861	36.047	ng	100
74) Di-n-butylphthalate	11.78	149	1280806	36.262	ng	100
75) Fluoranthene	12.43	202	1198421	34.642	ng	99
77) Benzidine	12.56	184	576041	44.094	ng	99
78) Pyrene	12.66	202	1234507	34.659	ng	100
80) Butylbenzylphthalate	13.28	149	556993	36.393	ng	96
81) Benzo(a)anthracene	13.85	228	1042227	35.388	ng	98
82) 3,3'-Dichlorobenzidine	13.82	252	424985	37.583	ng	99
83) Chrysene	13.89	228	1057025	35.092	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	699379	38.857	ng	# 99
85) Di-n-octyl phthalate	14.45	149	1262762	37.910	ng	99
87) Indeno(1,2,3-cd)pyrene	16.65	276	1107926	34.825	ng	99
88) Benzo(b)fluoranthene	14.87	252	1072938	31.866	ng	100
89) Benzo(k)fluoranthene	14.90	252	1022747	34.507	ng	100
90) Benzo(a)pyrene	15.22	252	988196	33.967	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	893470	34.253	ng	100
92) Benzo(g,h,i)perylene	17.06	276	897367	35.189	ng	99

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

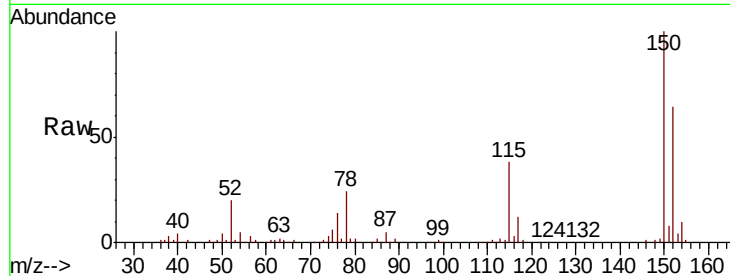


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.8	187.2
115	58.8	46.1	69.1

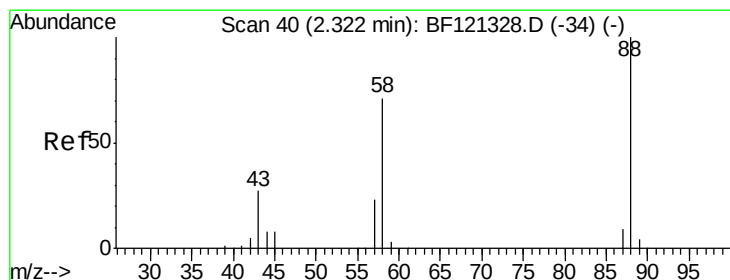
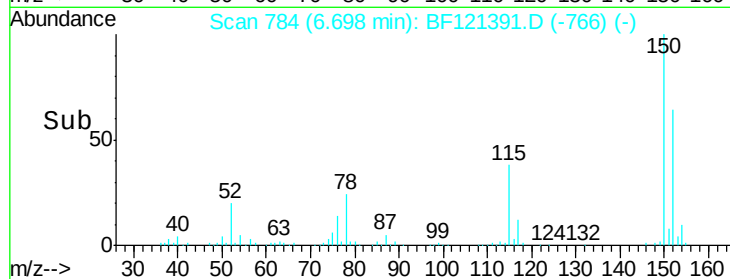
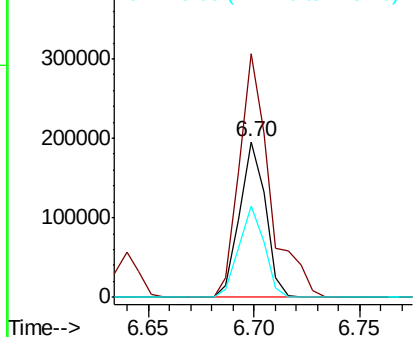


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

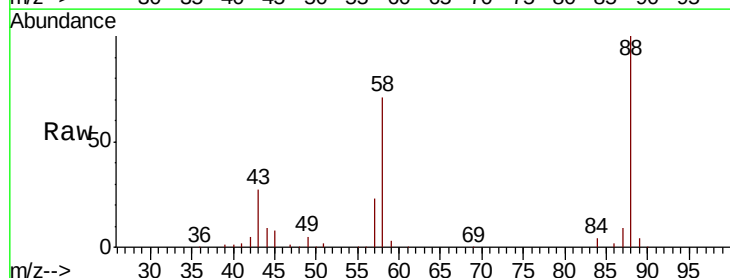
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.593 ng
RT: 2.33 min Scan# 42
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.5	87.7
43	28.0	21.8	32.8

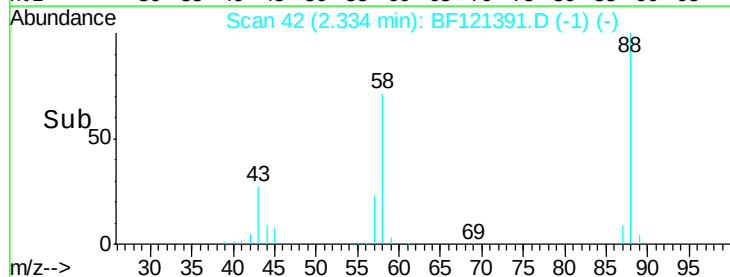
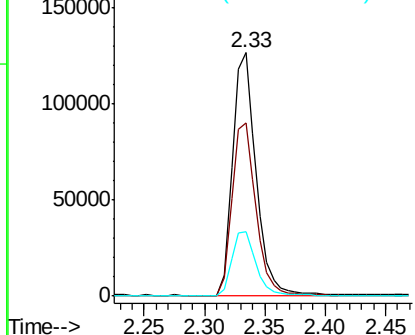


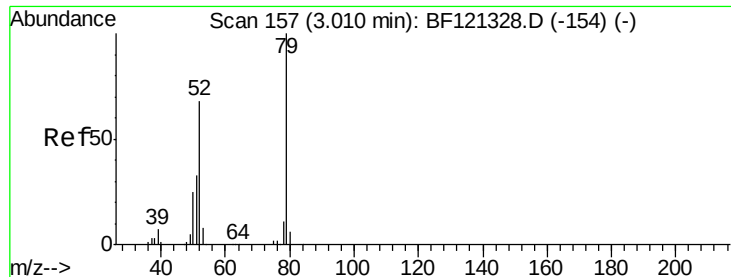
Abundance

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: 39.083 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

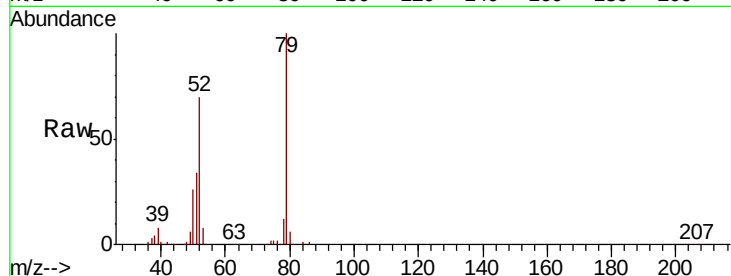
Tot Ion: 79 Resp: 478227

Ion Ratio Lower Upper

79 100

52 69.8 54.6 82.0

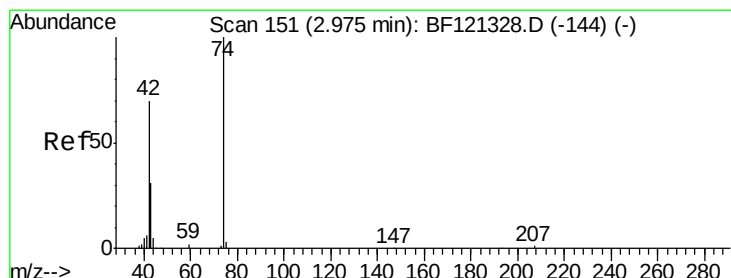
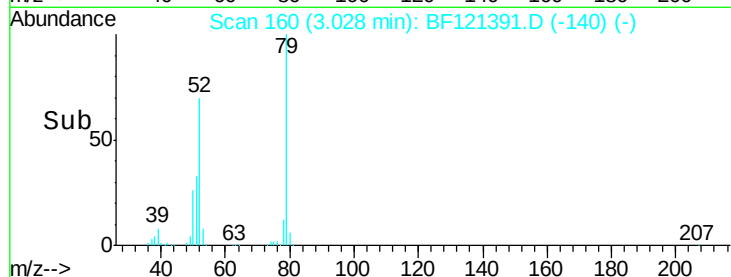
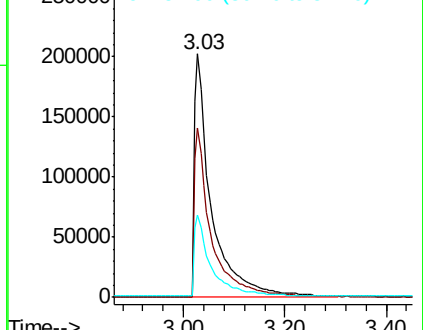
51 33.9 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.580 ng

RT: 2.99 min Scan# 154

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

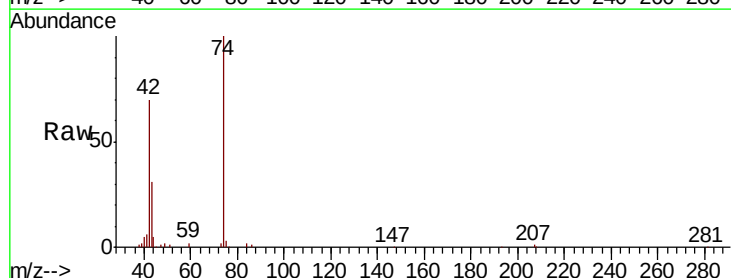
Tgt Ion: 42 Resp: 187162

Ion Ratio Lower Upper

42 100

74 143.2 114.2 171.2

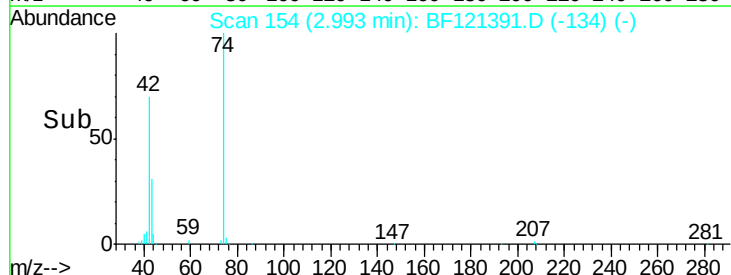
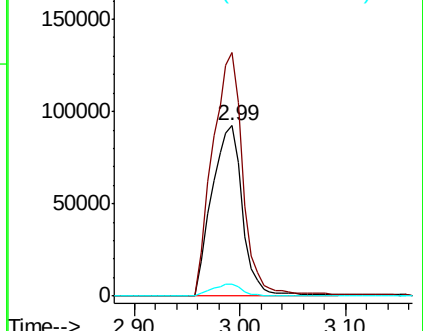
44 7.0 5.4 8.2

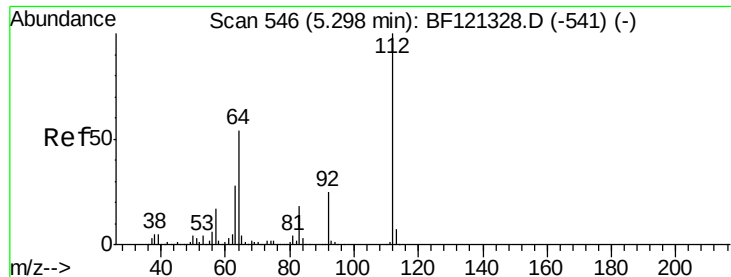


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 73.418 ng

RT: 5.31 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

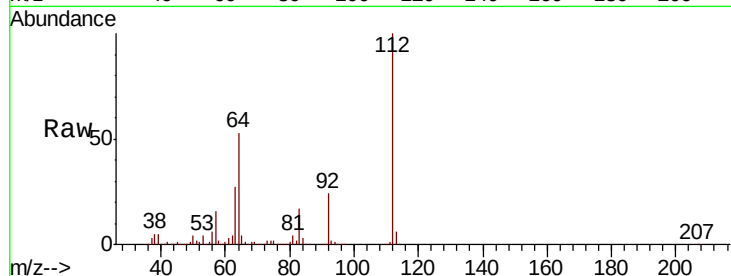
Tot Ion:112 Resp: 739681

Ion Ratio Lower Upper

112 100

64 52.8 43.5 65.3

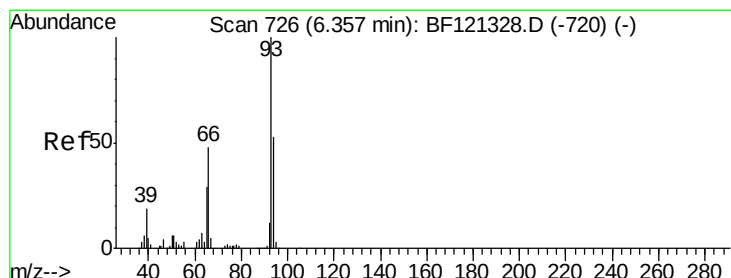
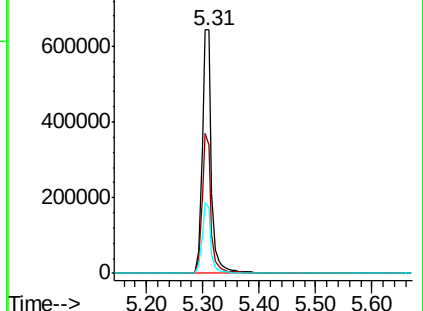
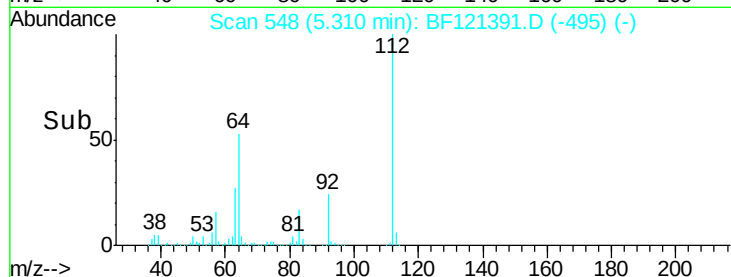
63 26.8 22.0 33.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.407 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

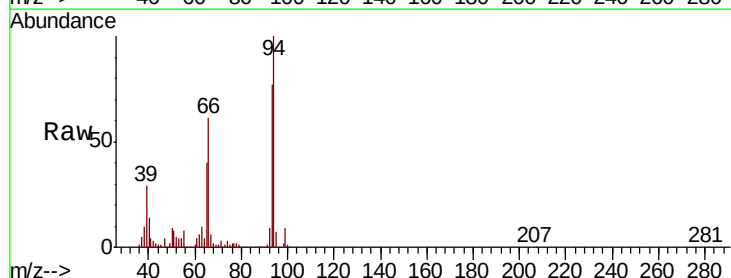
Tgt Ion: 93 Resp: 510988

Ion Ratio Lower Upper

93 100

66 79.0 40.2 60.2#

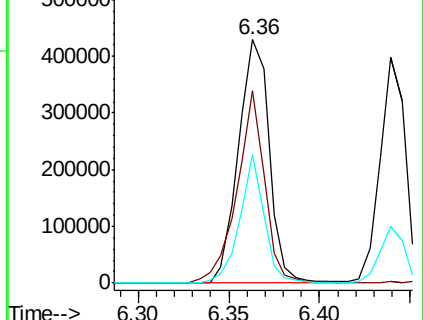
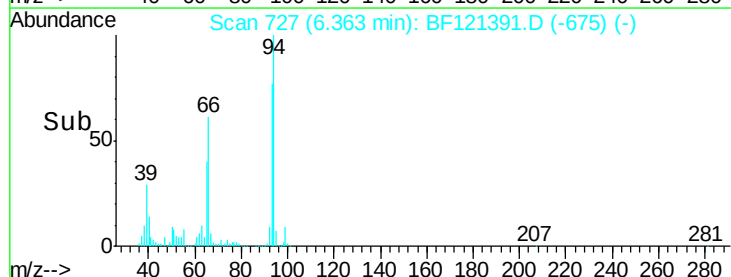
65 52.6 23.6 35.4#

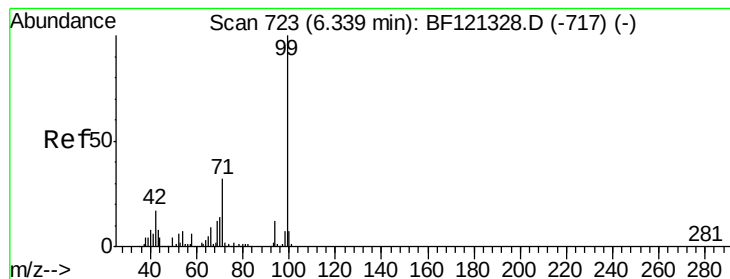


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 70.792 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

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ClientSampleId :

SSTDCCC040

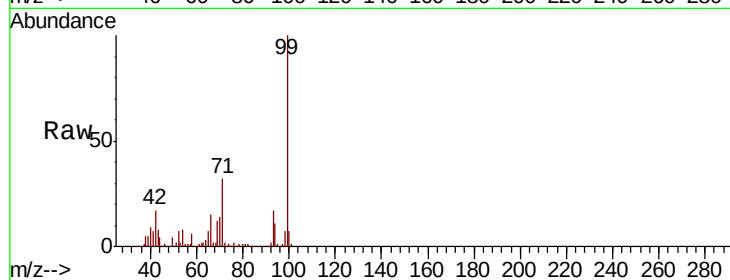
Tot Ion: 99 Resp: 910506

Ion Ratio Lower Upper

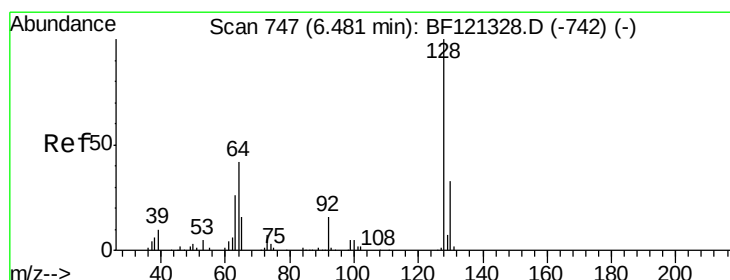
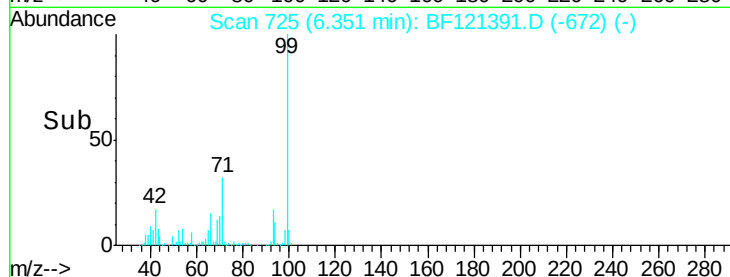
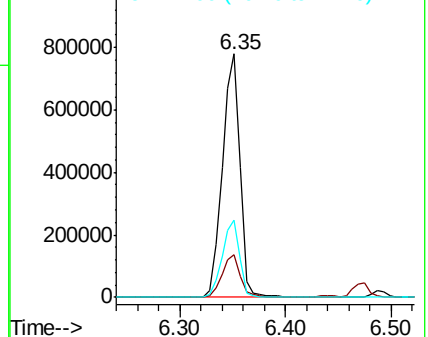
99 100

42 17.4 13.5 20.3

71 31.9 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: 37.259 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

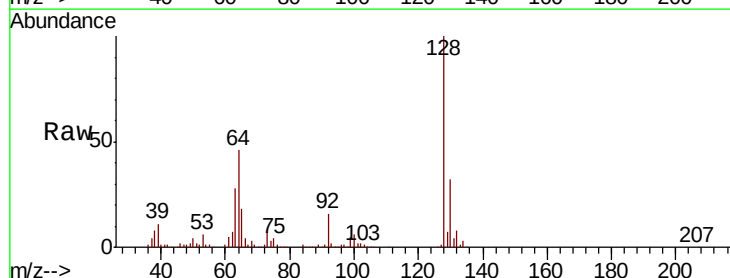
Tgt Ion: 128 Resp: 392345

Ion Ratio Lower Upper

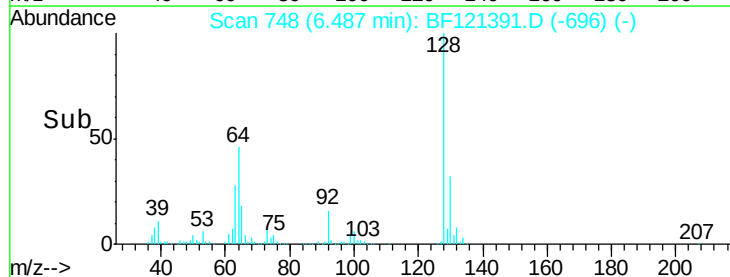
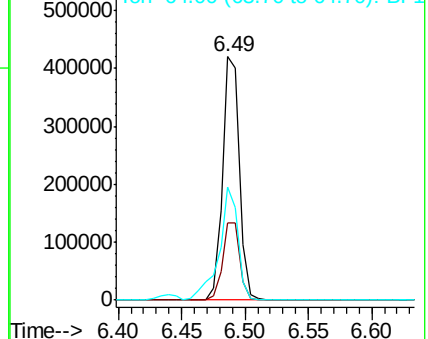
128 100

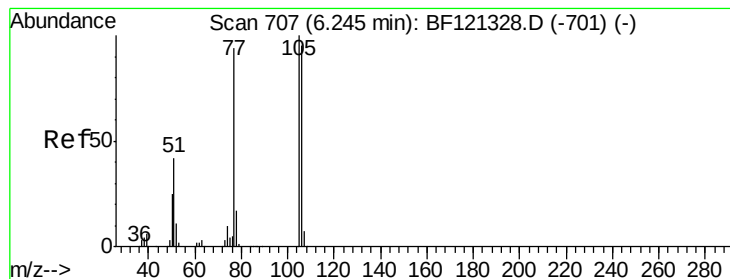
130 31.8 12.8 52.8

64 46.3 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: 39.552 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

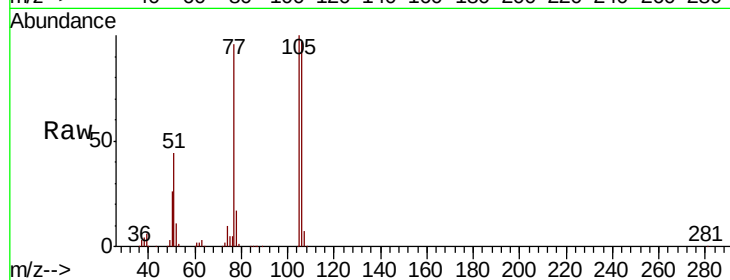
Tot Ion: 77 Resp: 286178

Ion Ratio Lower Upper

77 100

105 104.3 86.3 126.3

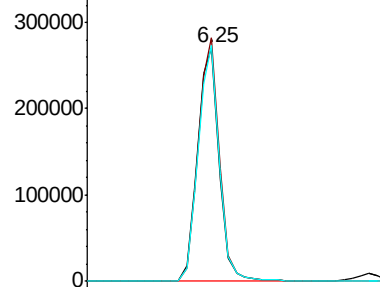
106 101.3 81.2 121.2



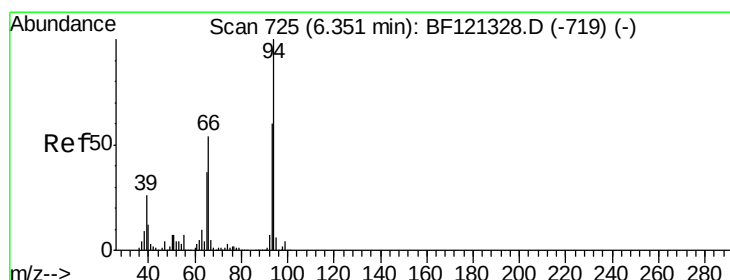
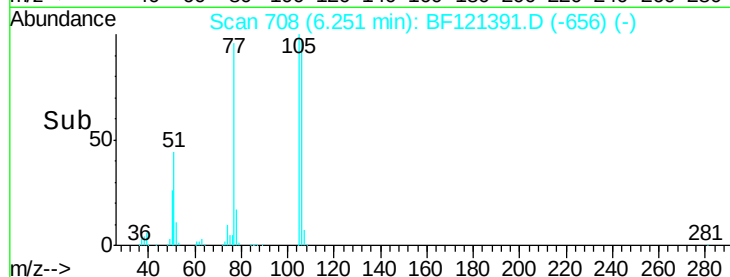
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



Time-->



#10

Phenol

Concen: 33.326 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

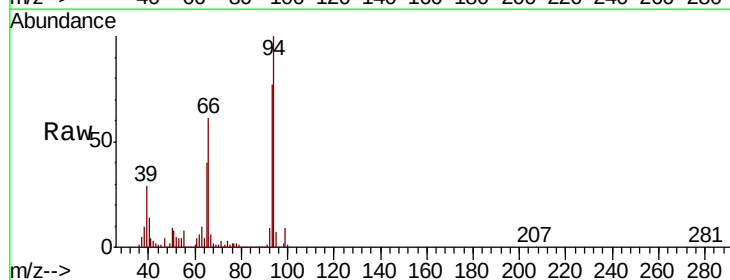
Tgt Ion: 94 Resp: 449428

Ion Ratio Lower Upper

94 100

65 40.4 16.6 56.6

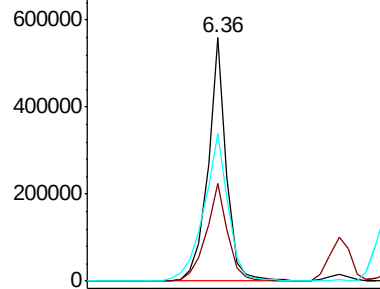
66 60.6 34.3 74.3



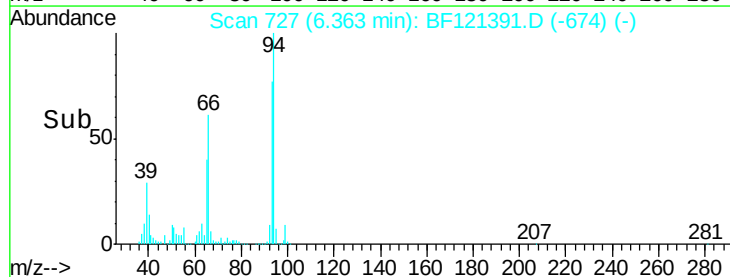
Abundance Ion 94.00 (93.70 to 94.70): BF1

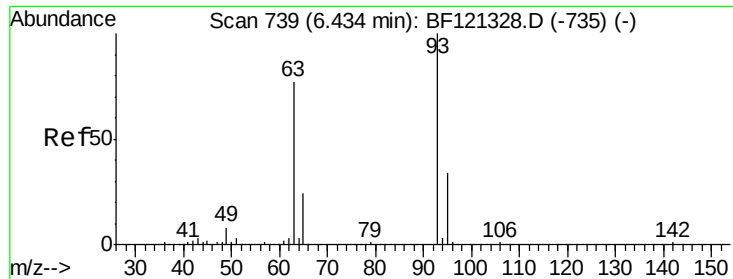
Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



Time-->

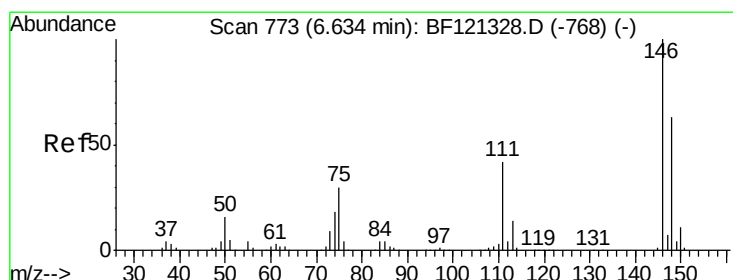
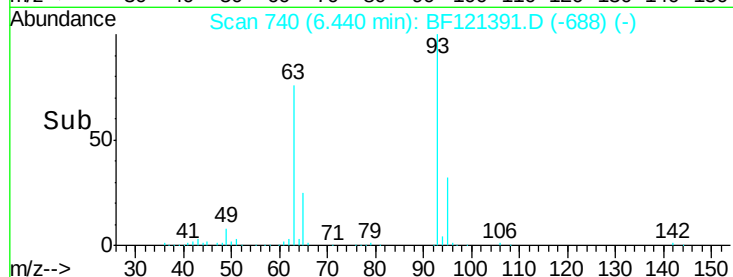
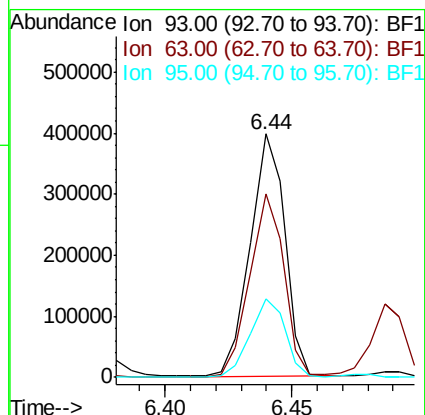
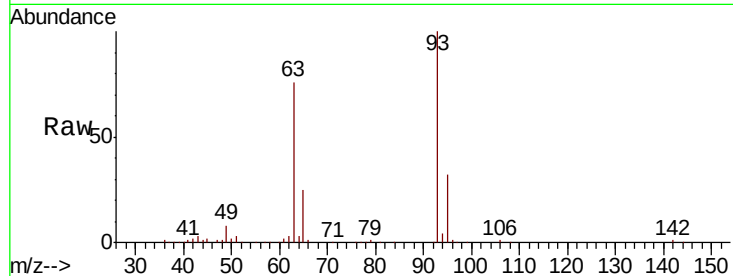




#11
bis(2-Chloroethyl)ether
Concen: 36.655 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

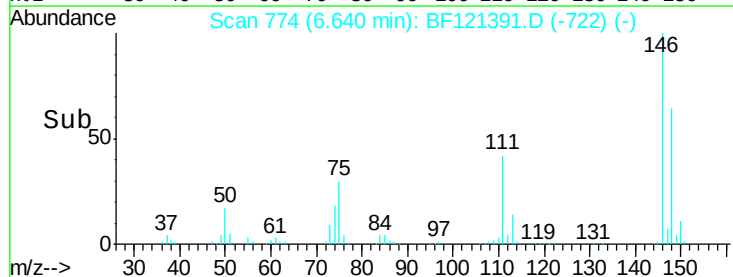
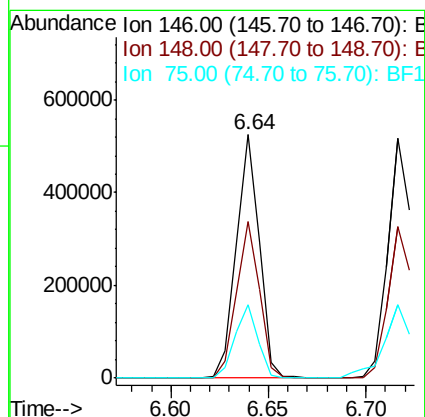
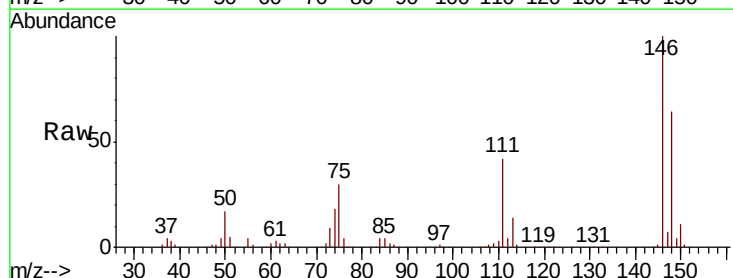
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

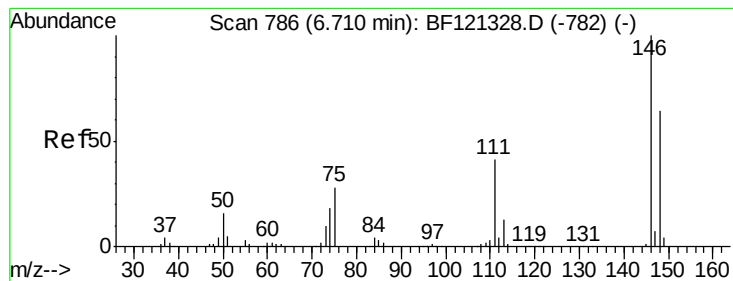
Tot Ion: 93 Resp: 380711
Ion Ratio Lower Upper
93 100
63 75.5 56.4 96.4
95 32.4 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 36.547 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion: 146 Resp: 431169
Ion Ratio Lower Upper
146 100
148 64.2 50.7 76.1
75 30.0 23.8 35.6





#13

1,4-Dichlorobenzene

Concen: 36.706 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

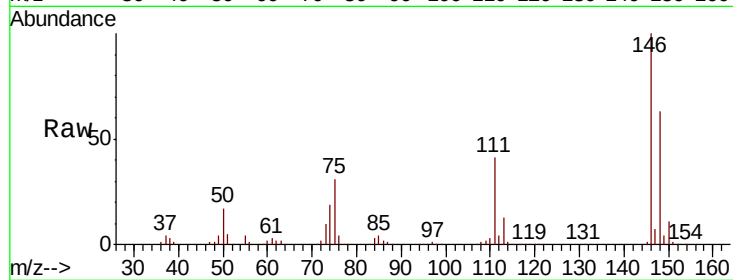
Tot Ion:146 Resp: 437157

Ion Ratio Lower Upper

146 100

148 63.3 51.2 76.8

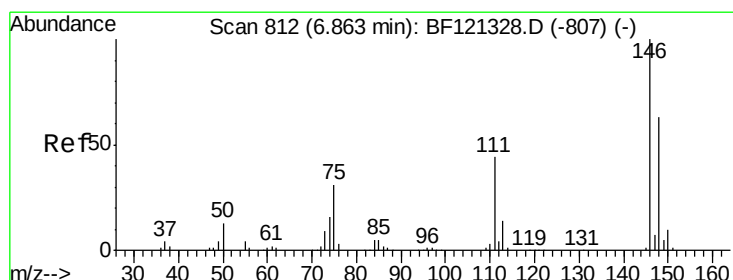
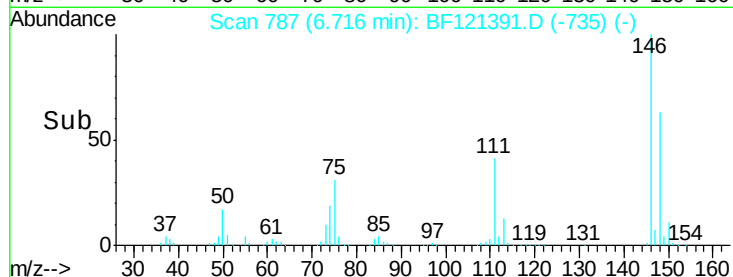
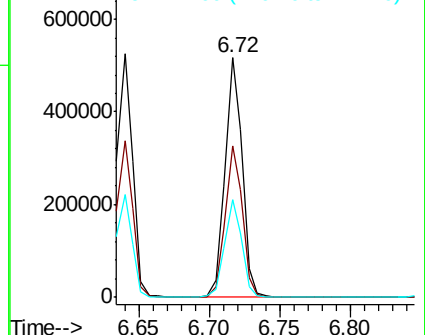
111 40.8 33.3 49.9



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: 34.282 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

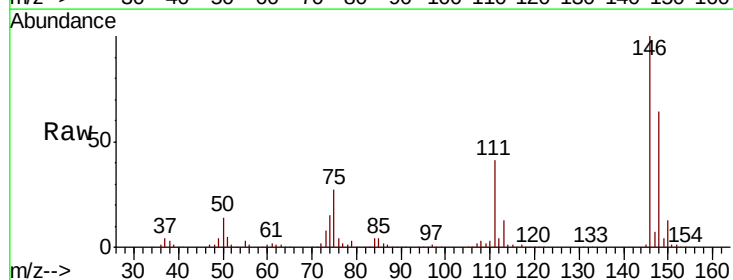
Tgt Ion:146 Resp: 388828

Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

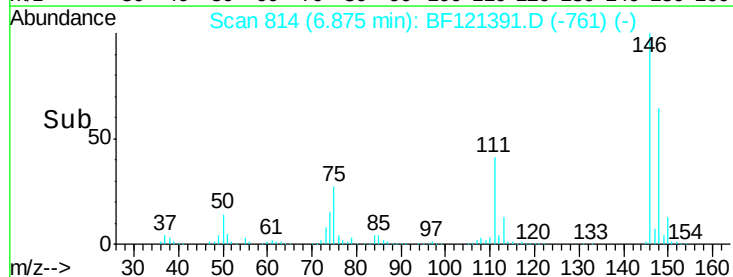
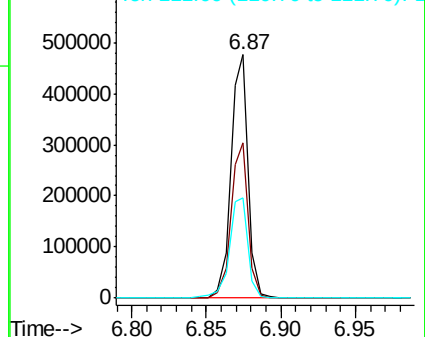
111 41.0 35.5 53.3

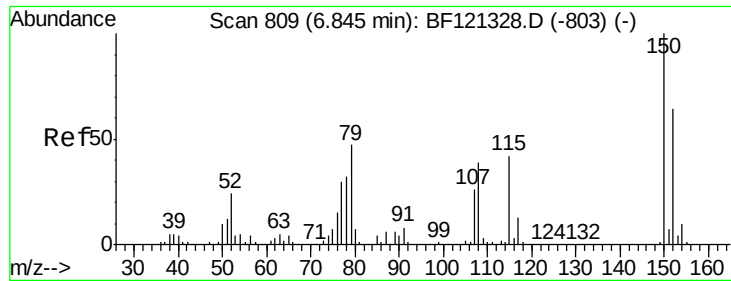


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

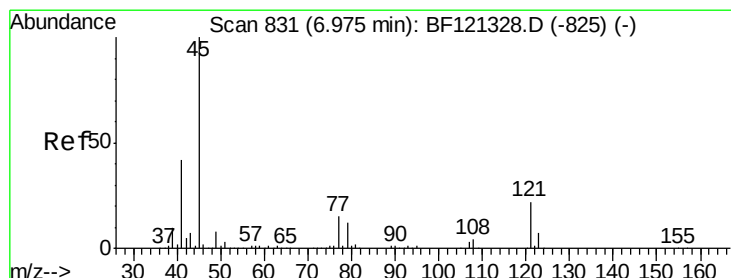
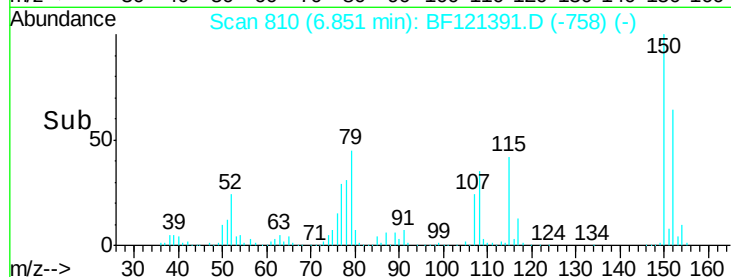
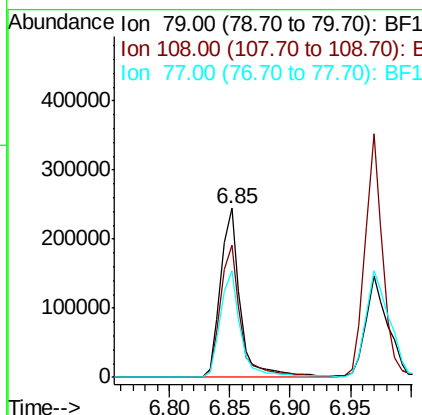
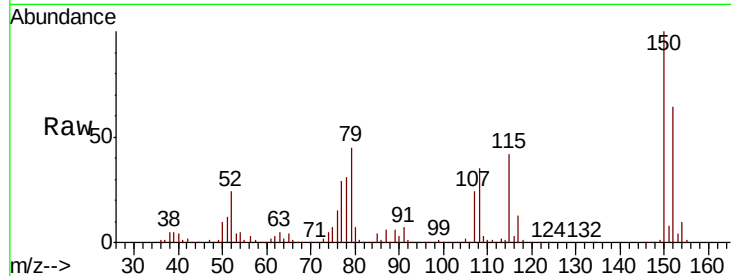




#15
Benzyl Alcohol
Concen: 35.982 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

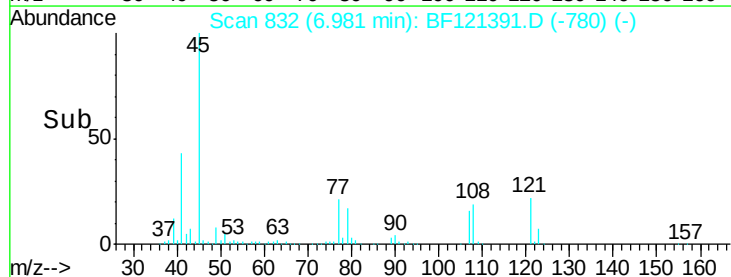
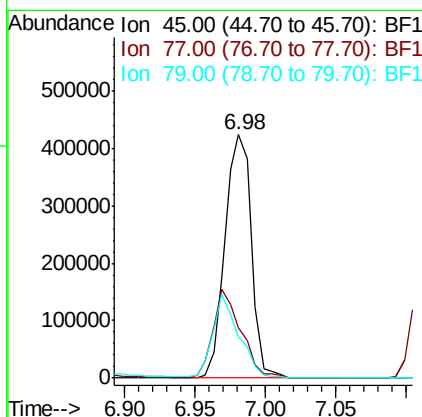
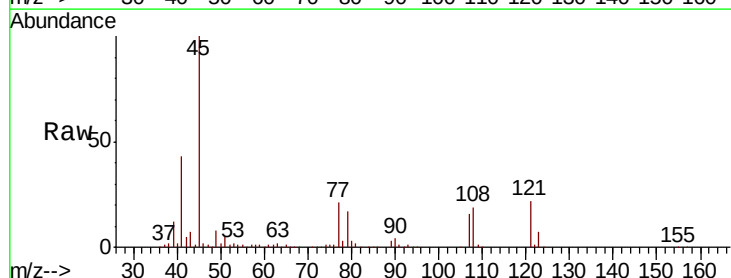
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

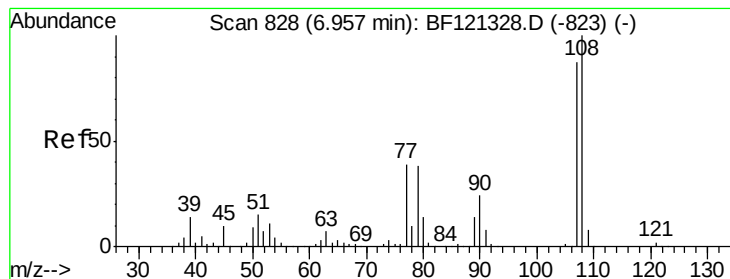
Tot Ion: 79 Resp: 278446
Ion Ratio Lower Upper
79 100
108 77.9 65.2 97.8
77 63.1 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.918 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion: 45 Resp: 549298
Ion Ratio Lower Upper
45 100
77 20.7 0.0 35.6
79 17.1 0.0 32.5





#17

2-Methylphenol

Concen: 35.594 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 309259

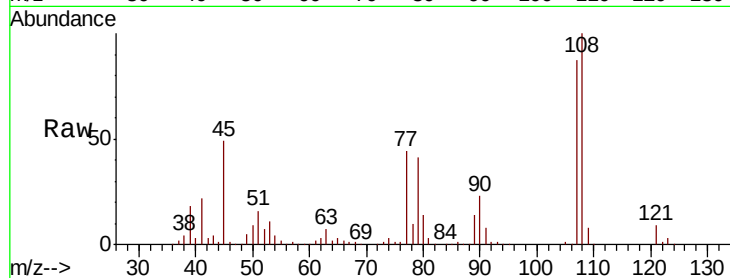
Ion Ratio Lower Upper

107 100

108 114.4 92.4 138.6

77 50.1 36.1 54.1

79 47.5 35.0 52.6

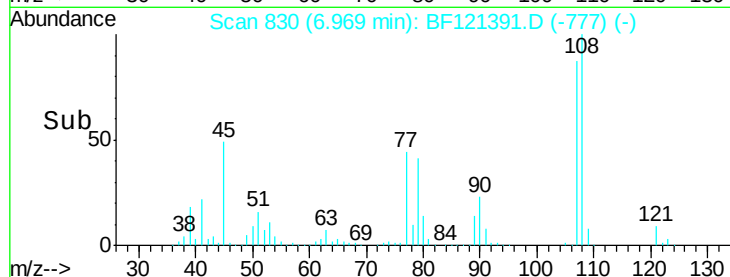


Abundance Ion 107.00 (106.70 to 107.70): E

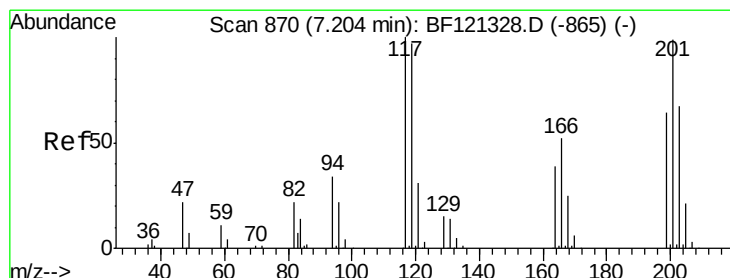
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#18

Hexachloroethane

Concen: 36.512 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

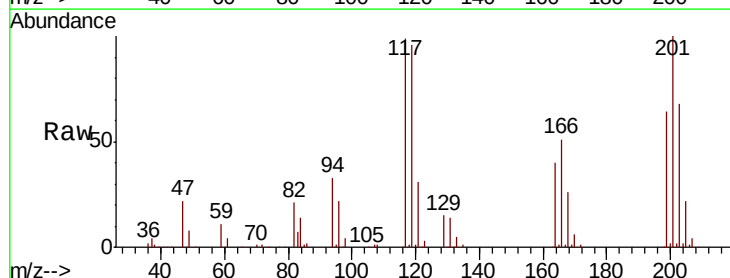
Tgt Ion:117 Resp: 161914

Ion Ratio Lower Upper

117 100

119 96.3 77.9 116.9

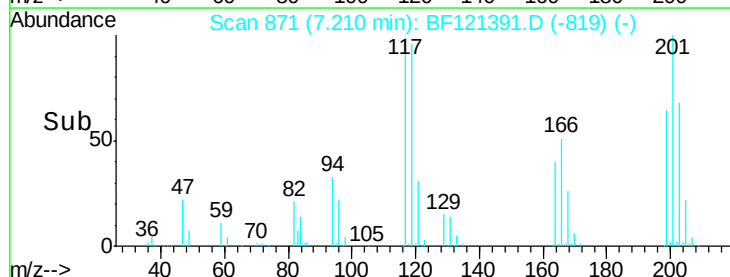
201 100.7 79.4 119.0



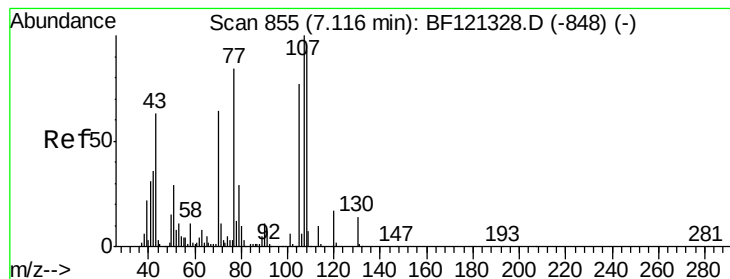
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 35.699 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 246936

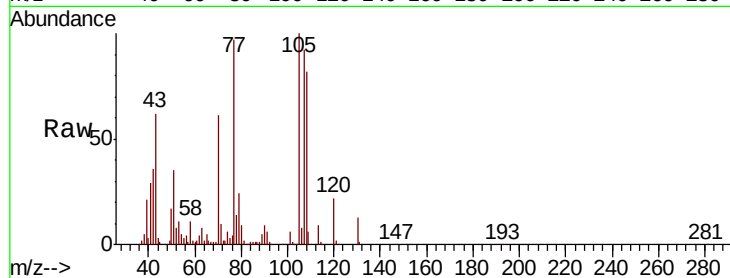
Ion Ratio Lower Upper

70 100

42 58.6 45.2 67.8

101 9.6 7.7 11.5

130 21.5 17.6 26.4

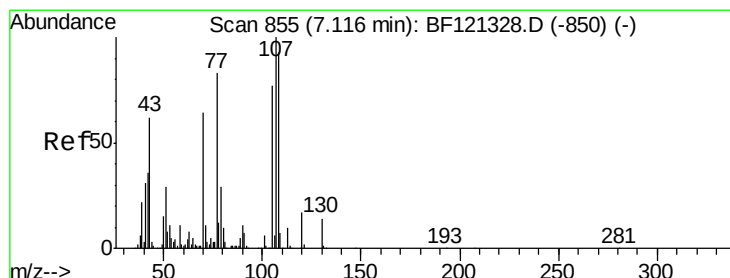
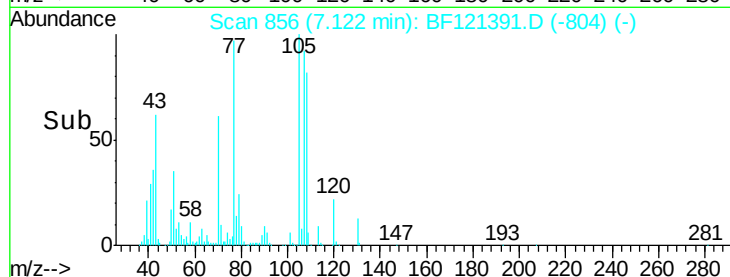
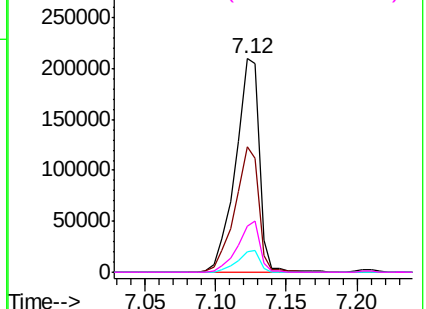


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 41.545 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Tgt Ion: 107 Resp: 362779

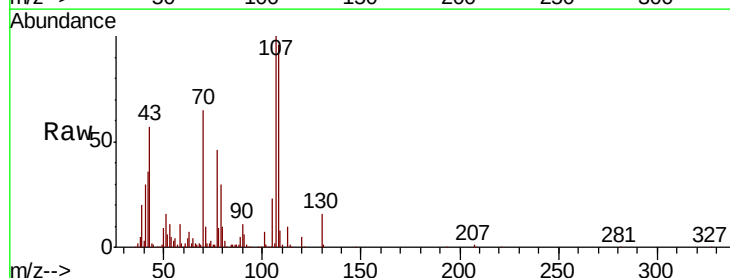
Ion Ratio Lower Upper

107 100

108 96.0 72.6 112.6

77 46.5 63.8 103.8#

79 30.0 9.1 49.1

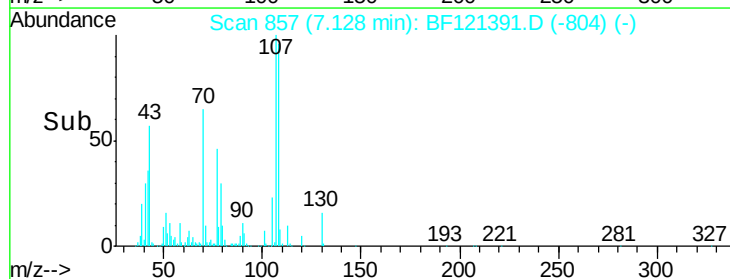
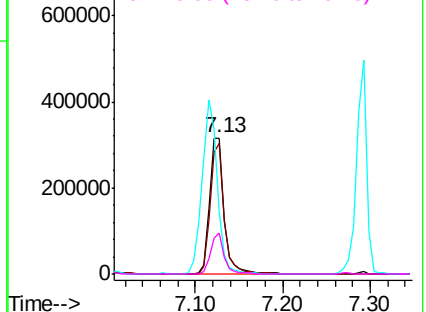


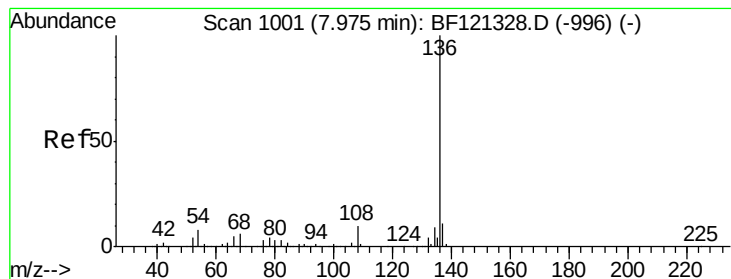
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 7.99 min Scan# 1003

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 618647

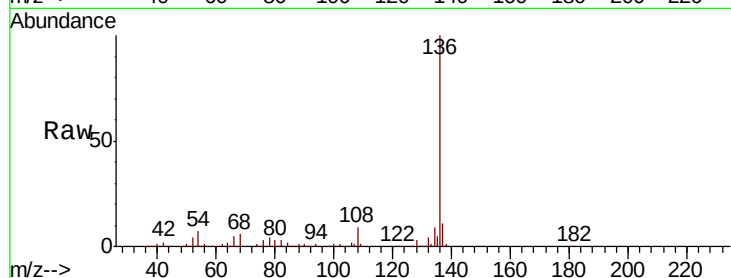
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.2 6.1 9.1

68 5.9 5.0 7.4

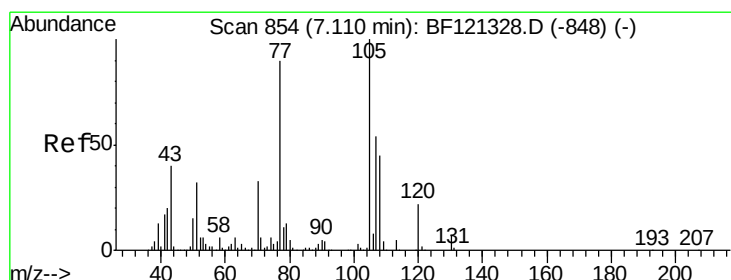
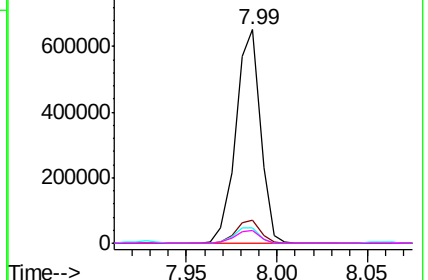
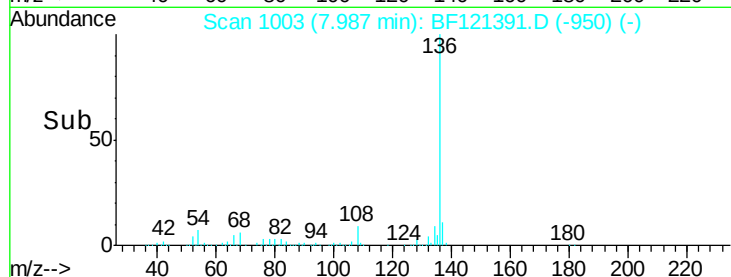


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.970 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Tgt Ion:105 Resp: 520255

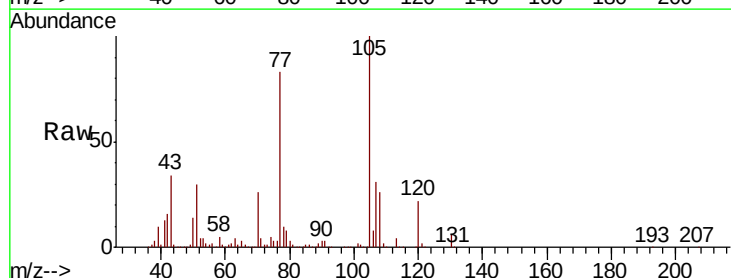
Ion Ratio Lower Upper

105 100

71 4.4 4.5 6.7#

51 29.9 25.4 38.0

120 22.4 17.6 26.4

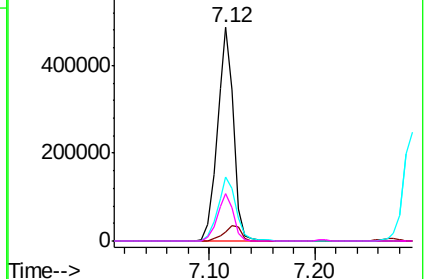
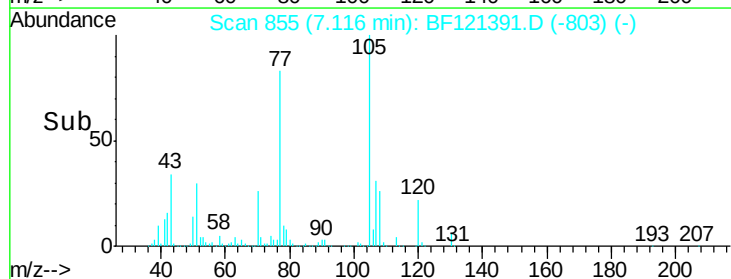


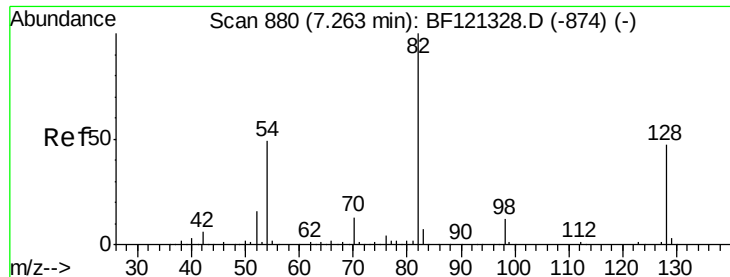
Abundance Ion 105.00 (104.70 to 105.70): E

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

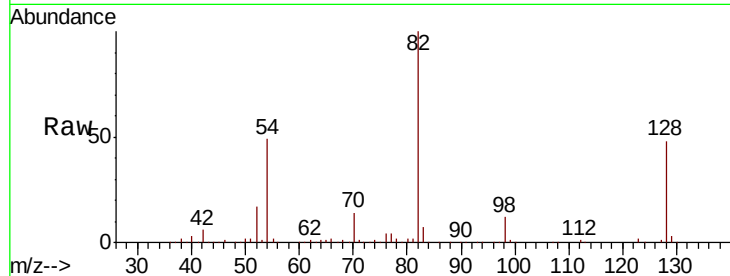




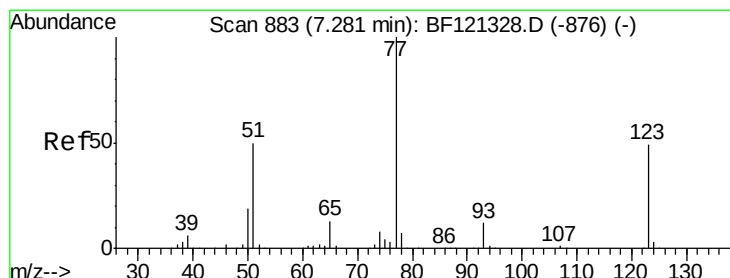
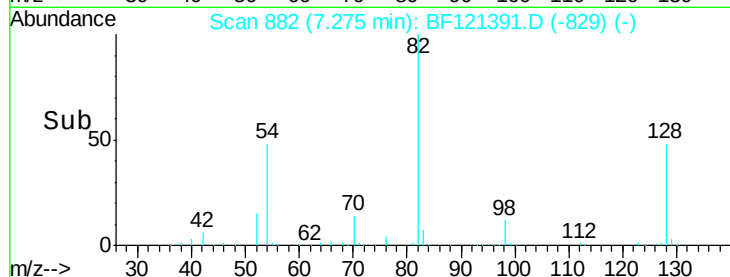
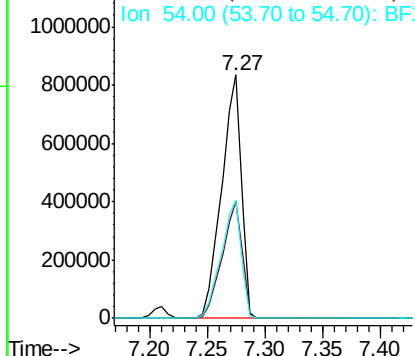
#23
Nitrobenzene-d5
Concen: 90.403 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	988889
Ion Ratio	100	Lower	Upper
128	48.0	37.9	56.9
54	48.8	39.0	58.4

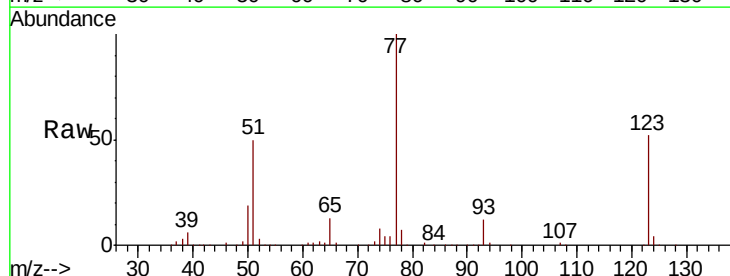


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

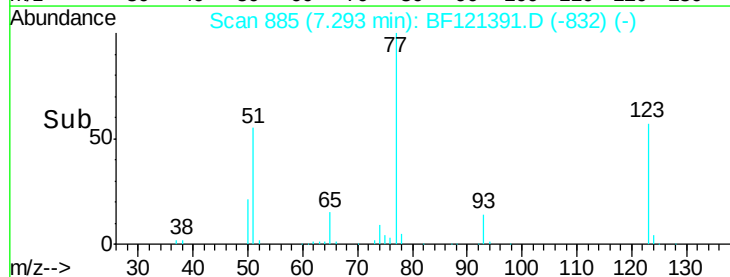
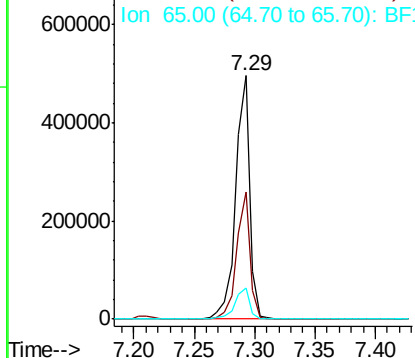


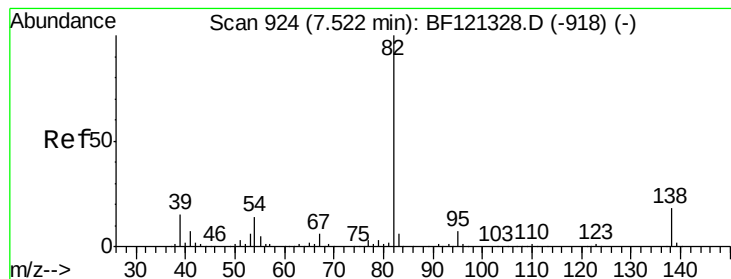
#24
Nitrobenzene
Concen: 36.068 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion	77	Resp	402116
Ion Ratio	100	Lower	Upper
123	52.5	39.2	58.8
65	13.0	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: 35.441 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

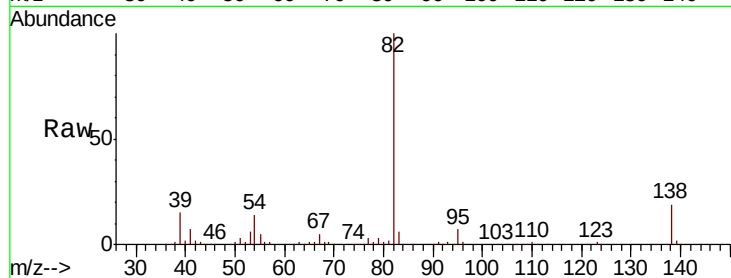
Tot Ion: 82 Resp: 705503

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

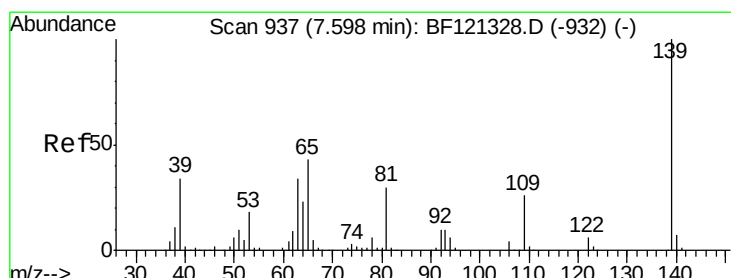
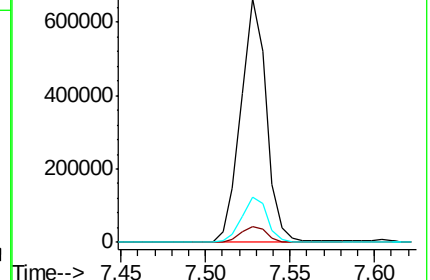
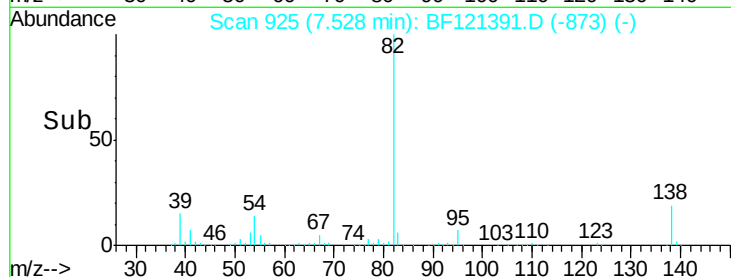
138 18.8 14.6 21.8



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: 37.896 ng

RT: 7.60 min Scan# 938

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

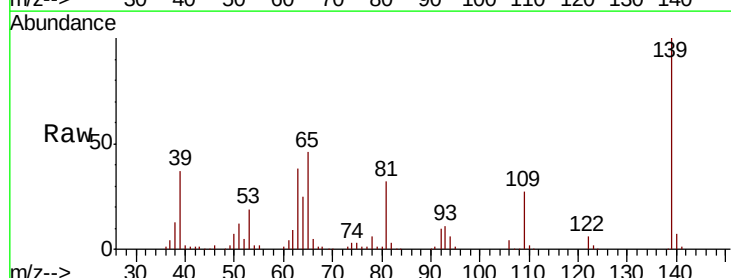
Tgt Ion: 139 Resp: 216680

Ion Ratio Lower Upper

139 100

109 26.5 21.1 31.7

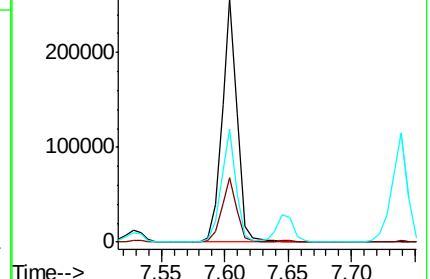
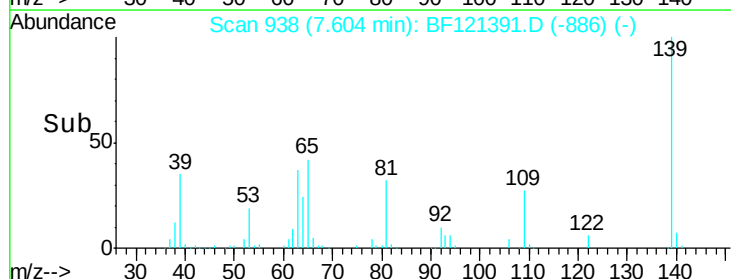
65 46.3 34.5 51.7

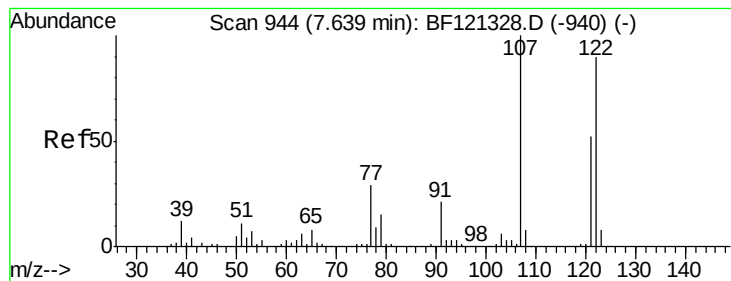


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.580 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

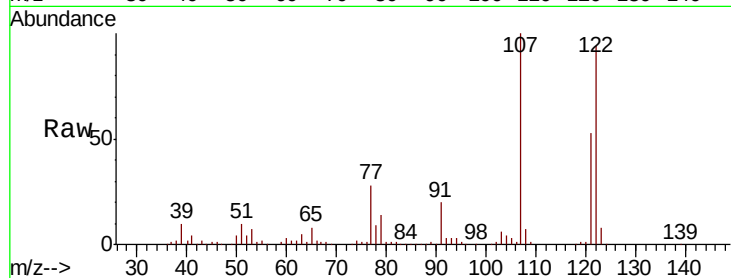
Tot Ion:122 Resp: 298446

Ion Ratio Lower Upper

122 100

107 106.4 89.0 133.4

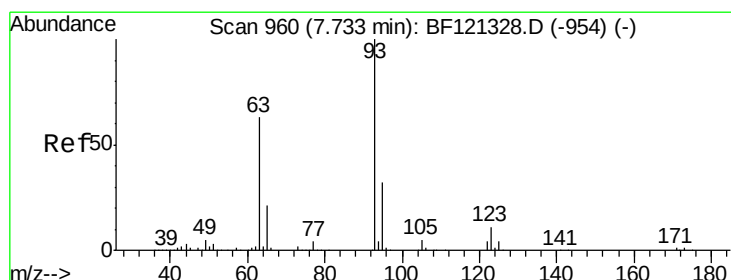
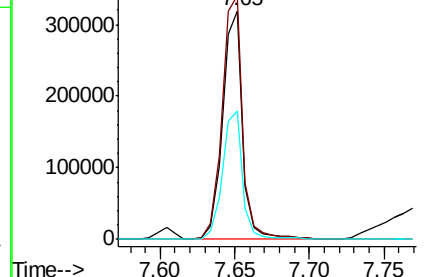
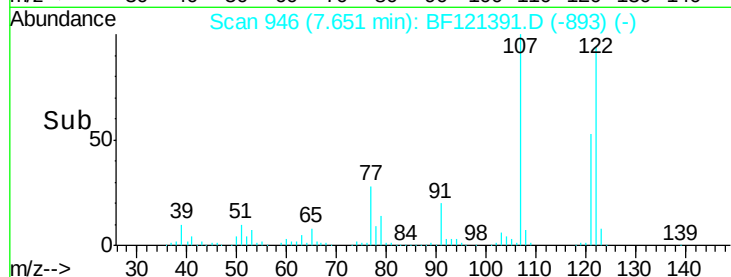
121 56.1 46.4 69.6



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: 35.852 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

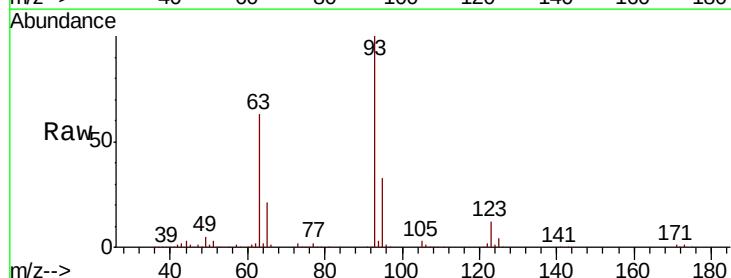
Tgt Ion: 93 Resp: 485828

Ion Ratio Lower Upper

93 100

95 33.2 25.8 38.8

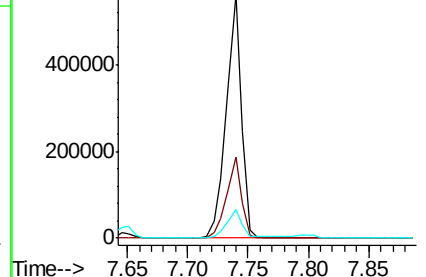
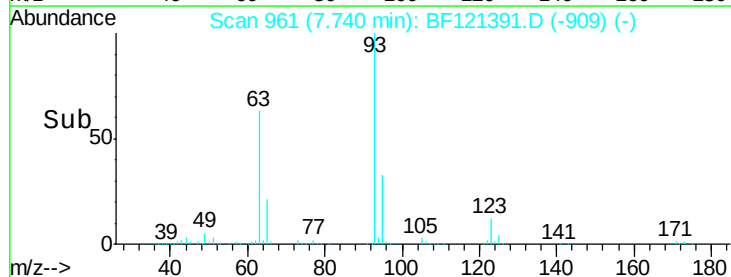
123 11.7 9.0 13.6

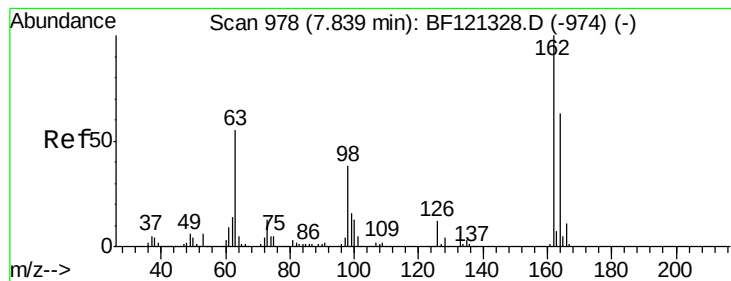


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 36.350 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

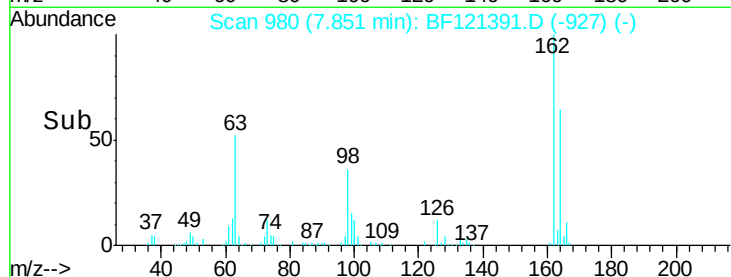
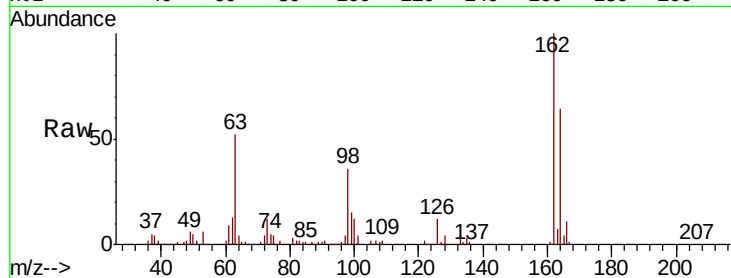
Tot Ion:162 Resp: 323793

Ion Ratio Lower Upper

162 100

164 64.3 43.4 83.4

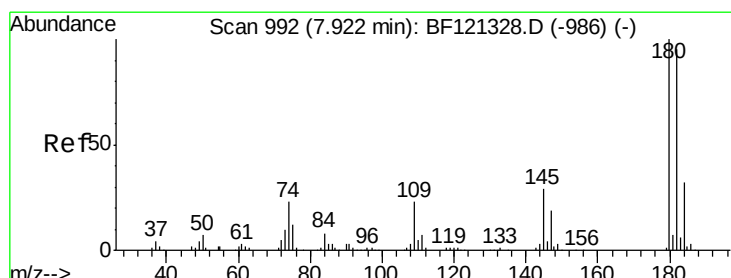
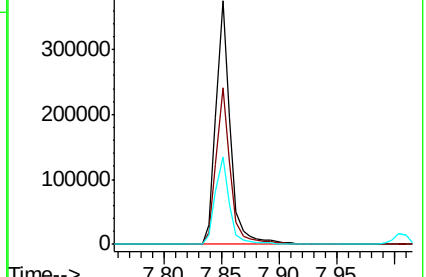
98 36.1 18.1 58.1



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: 36.032 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

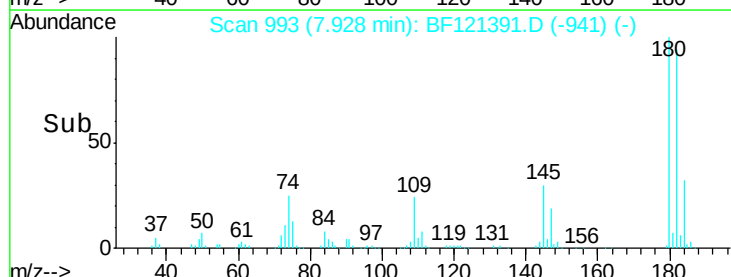
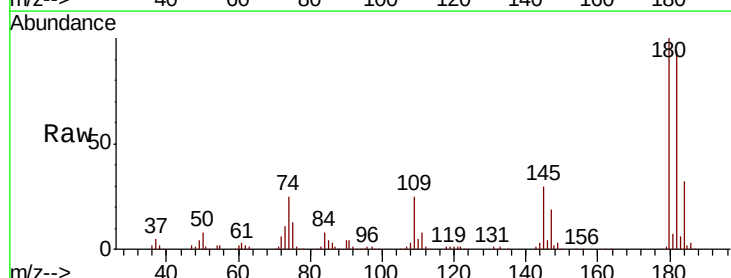
Tgt Ion:180 Resp: 367033

Ion Ratio Lower Upper

180 100

182 93.8 75.9 113.9

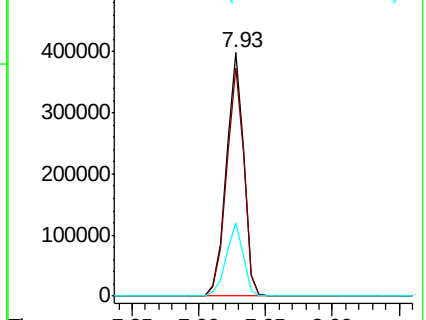
145 30.1 23.2 34.8

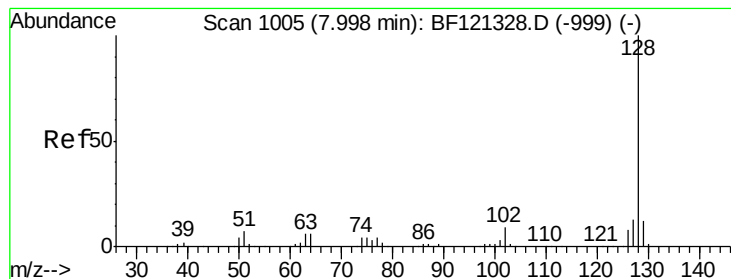


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.482 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

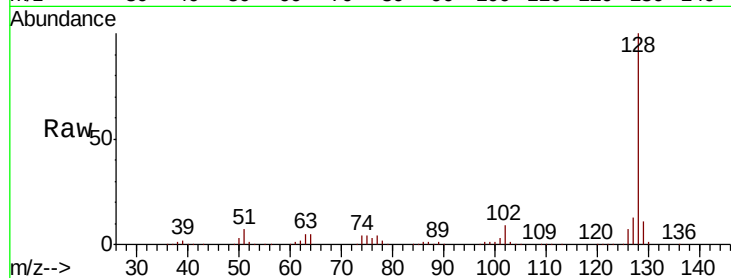
Tot Ion:128 Resp: 1092484

Ion Ratio Lower Upper

128 100

129 11.1 9.3 13.9

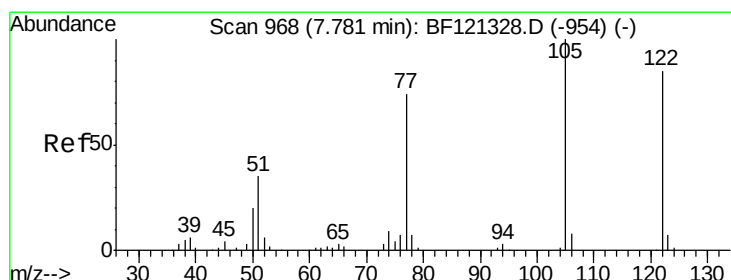
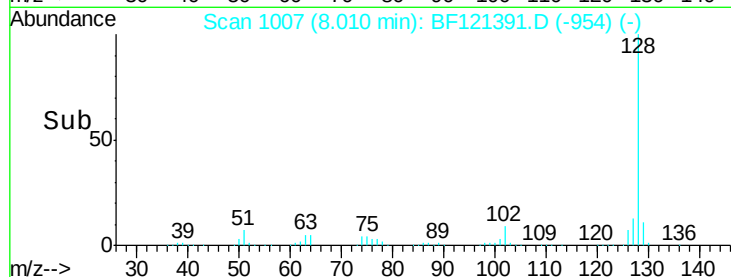
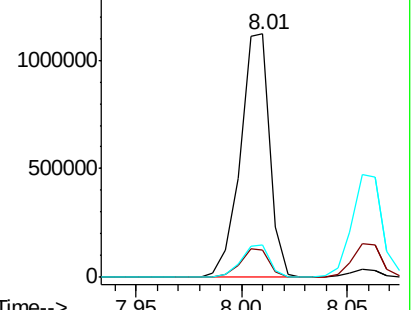
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.925 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

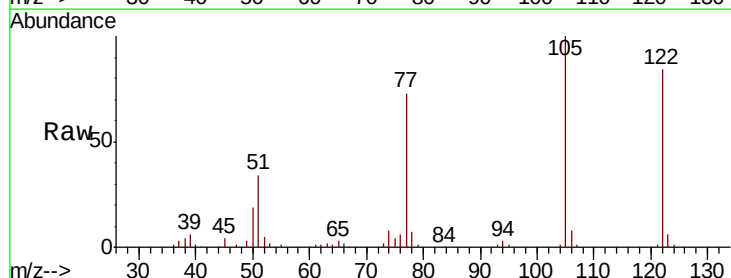
Tgt Ion:122 Resp: 230828

Ion Ratio Lower Upper

122 100

105 118.8 96.7 136.7

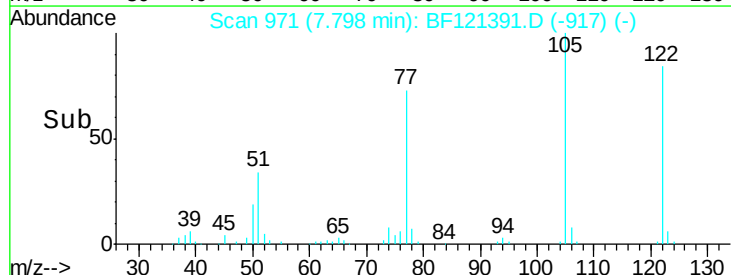
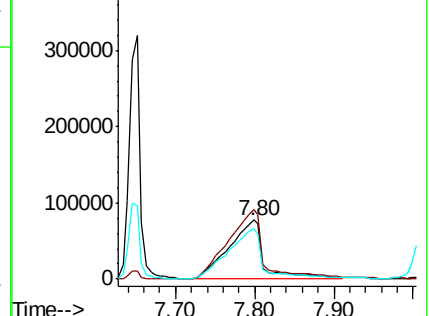
77 86.3 66.7 106.7

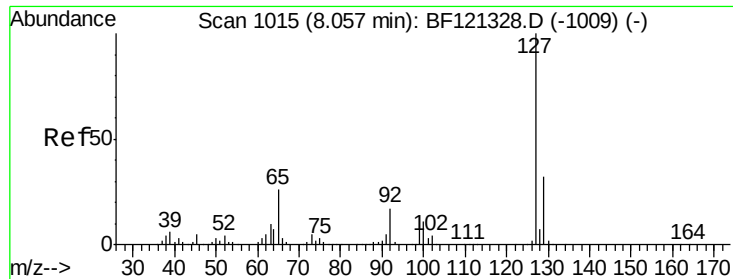


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

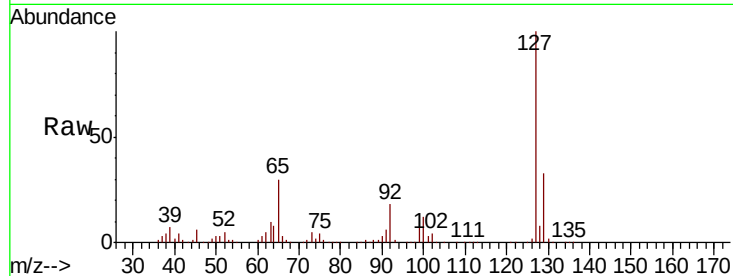




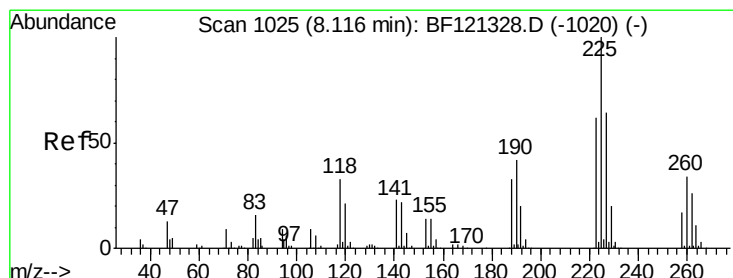
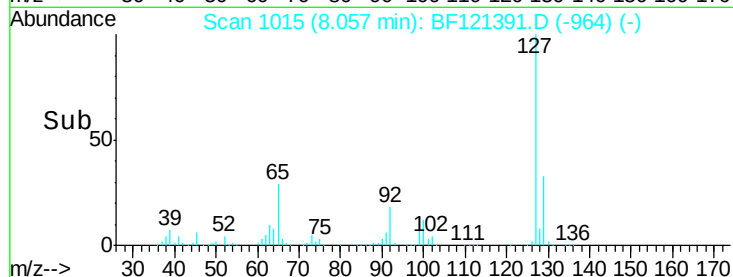
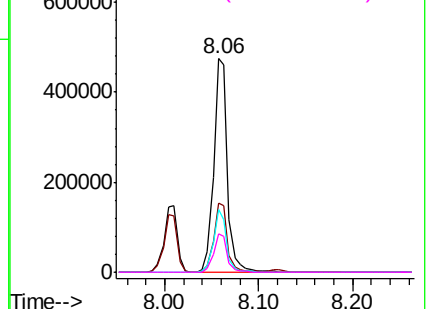
#33
4-Chloroaniline
Concen: 36.161 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	493025
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	29.6	20.9	31.3
92	18.3	13.8	20.8

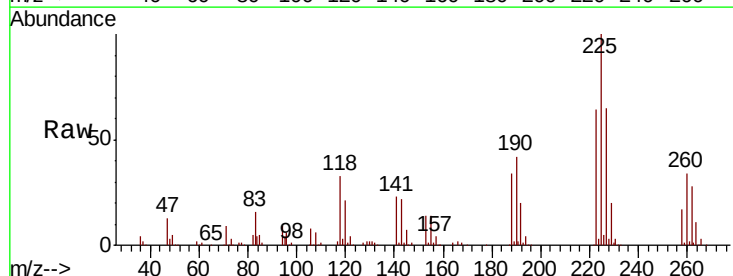


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

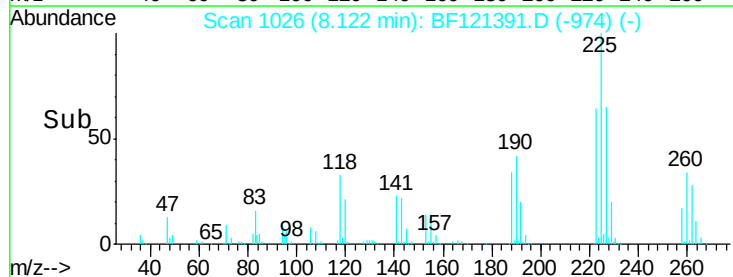
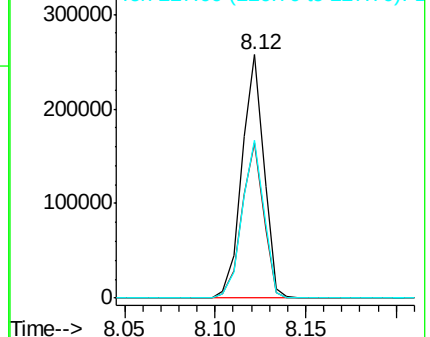


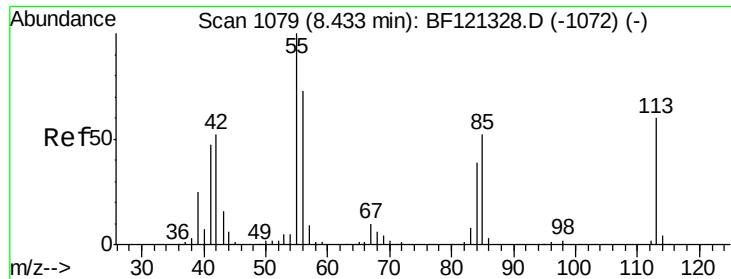
#34
Hexachlorobutadiene
Concen: 35.845 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:	225	Resp:	216086
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	64.8	50.9	76.3



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

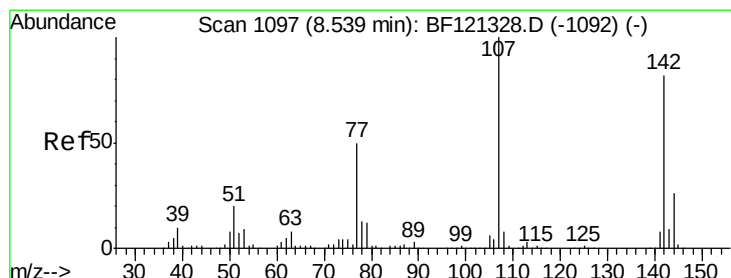
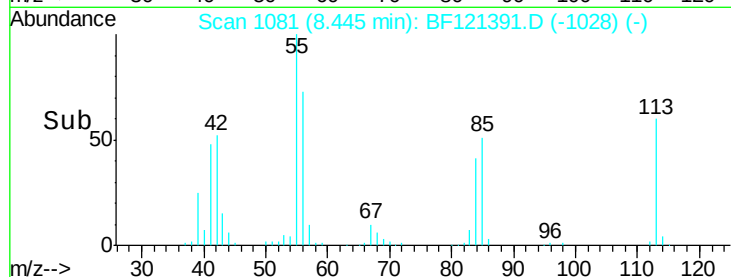
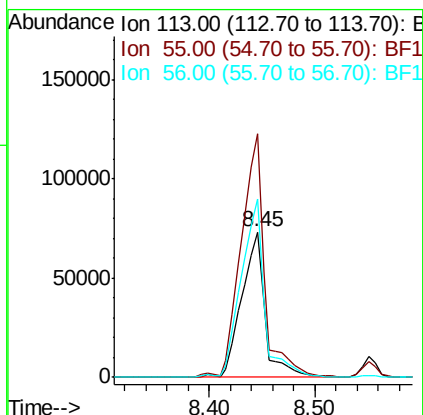
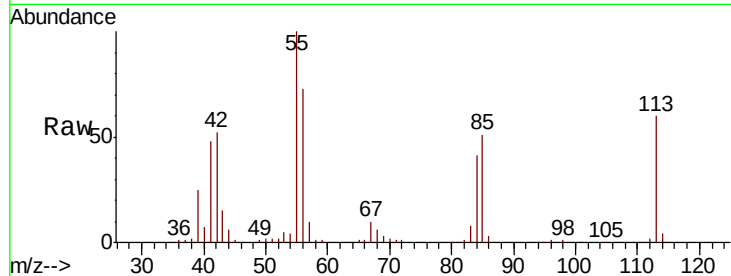




#35
 Caprolactam
 Concen: 38.026 ng
 RT: 8.45 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

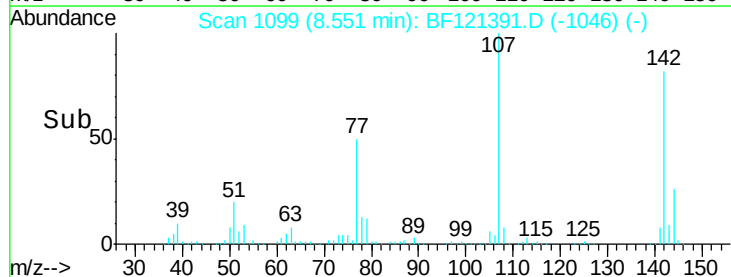
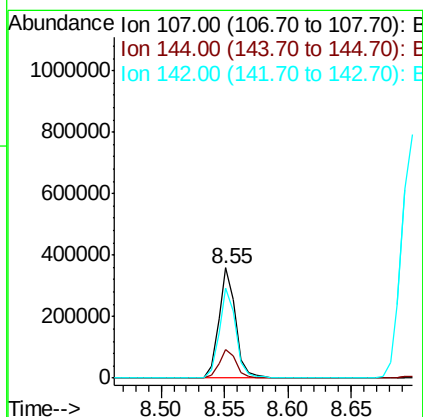
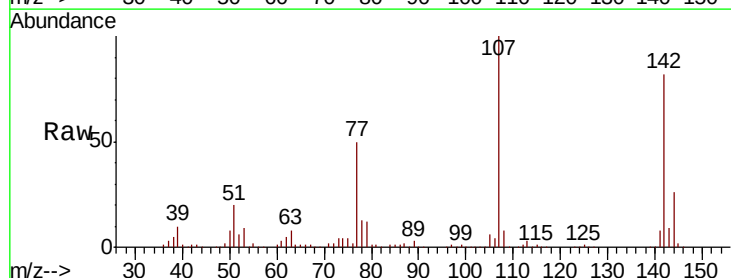
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

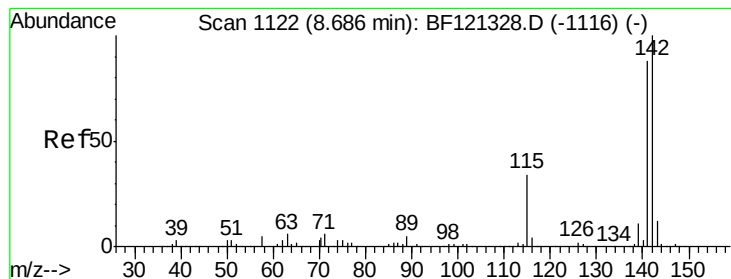
Tot Ion:113 Resp: 110934
 Ion Ratio Lower Upper
 113 100
 55 167.4 147.9 187.9
 56 122.7 102.4 142.4



#36
 4-Chloro-3-methylphenol
 Concen: 36.924 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:107 Resp: 332657
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.1 31.7
 142 81.8 65.6 98.4





#37

2-Methylnaphthalene

Concen: 35.818 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

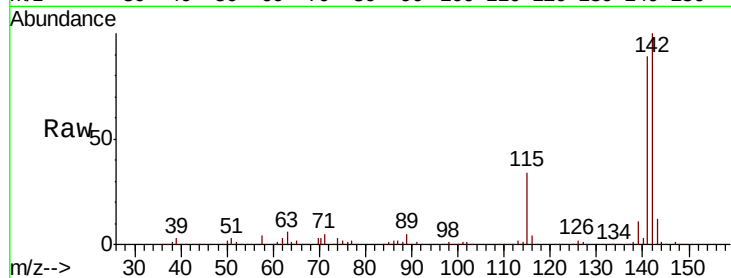
Tot Ion:142 Resp: 714793

Ion Ratio Lower Upper

142 100

141 89.0 70.3 105.5

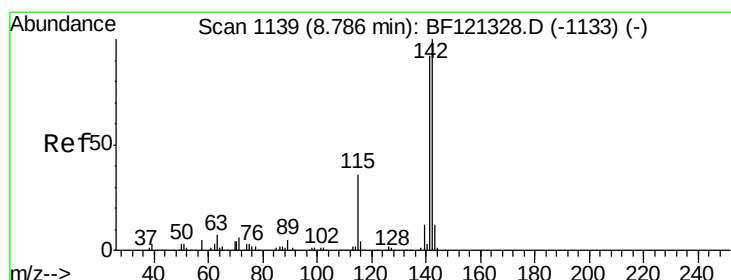
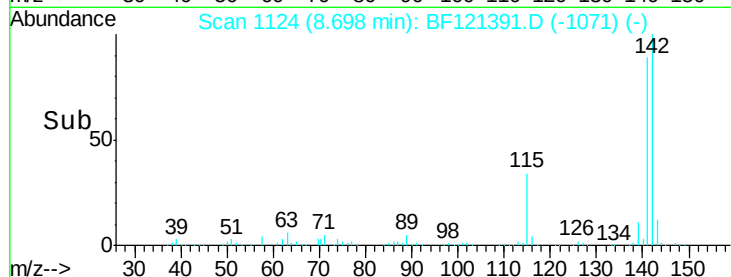
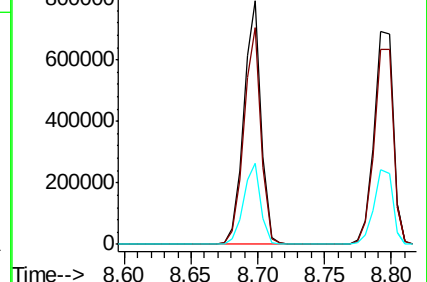
115 33.6 26.9 40.3



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



#38

1-Methylnaphthalene

Concen: 35.675 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

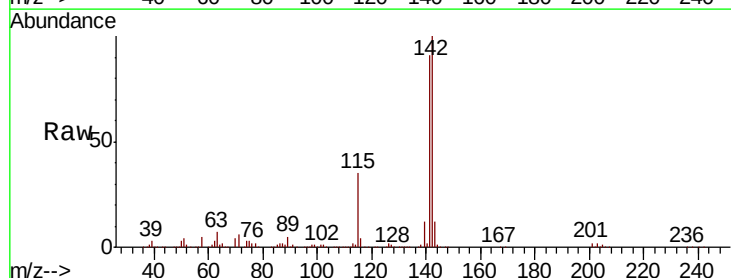
Tgt Ion:142 Resp: 676946

Ion Ratio Lower Upper

142 100

141 91.3 73.6 110.4

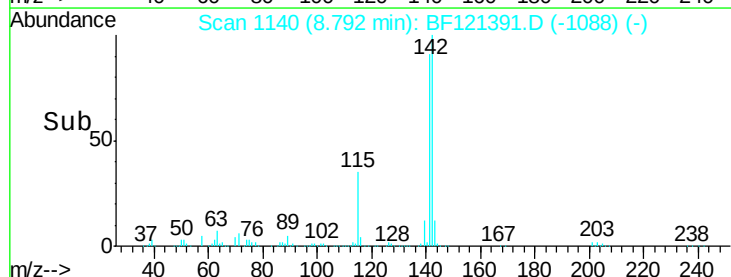
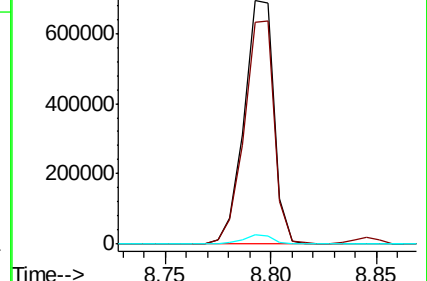
116 3.8 3.0 4.4

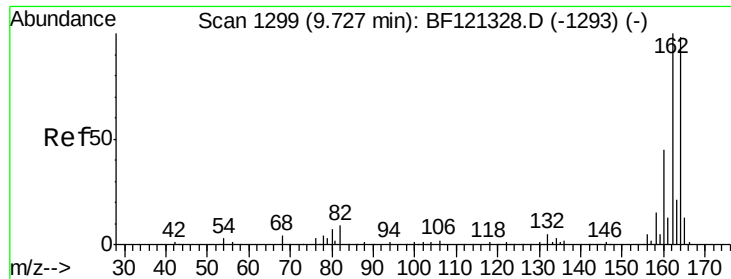


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

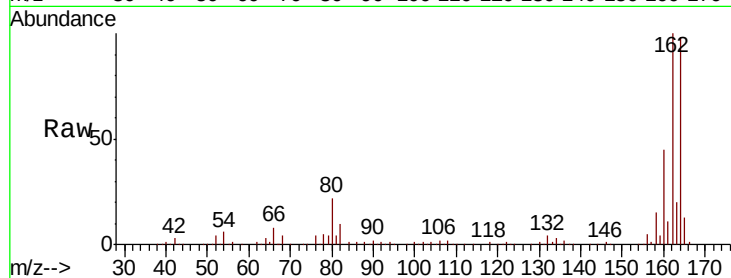
Tot Ion:164 Resp: 319611

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

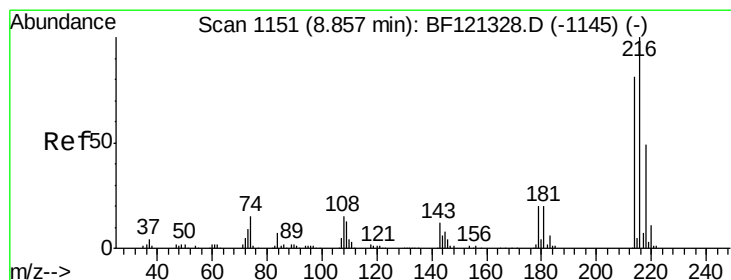
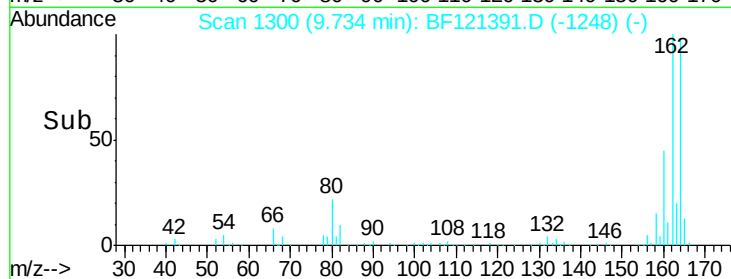
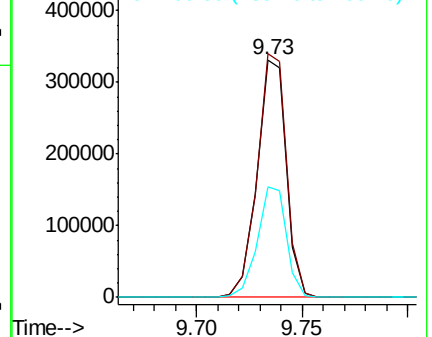
160 46.4 37.0 55.4



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: 36.465 ng

RT: 8.86 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Tgt Ion:216 Resp: 345908

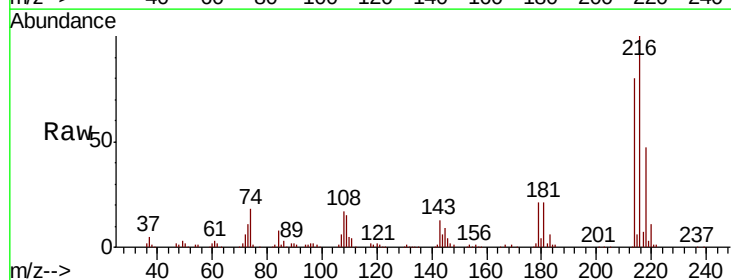
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 20.7 16.4 24.6

108 17.6 14.2 21.4

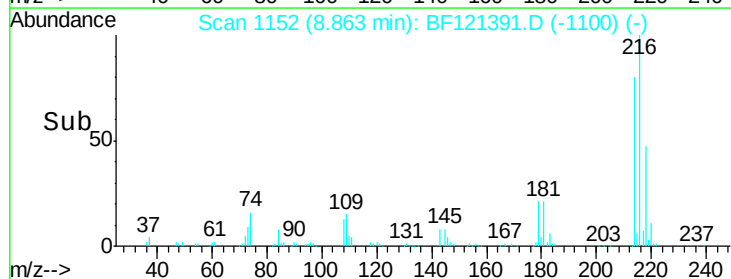
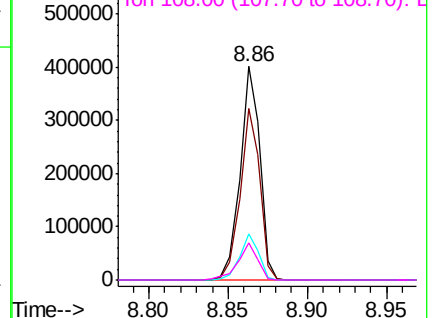


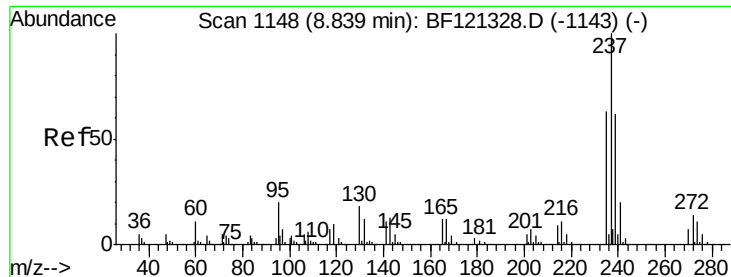
Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.078 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

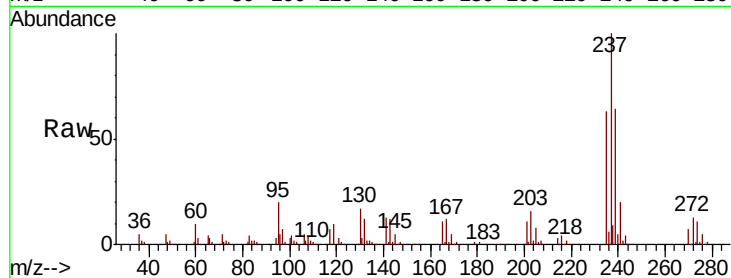
Tot Ion:237 Resp: 129872

Ion Ratio Lower Upper

237 100

235 62.8 42.7 82.7

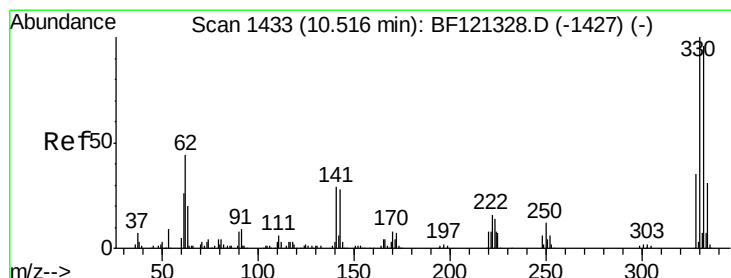
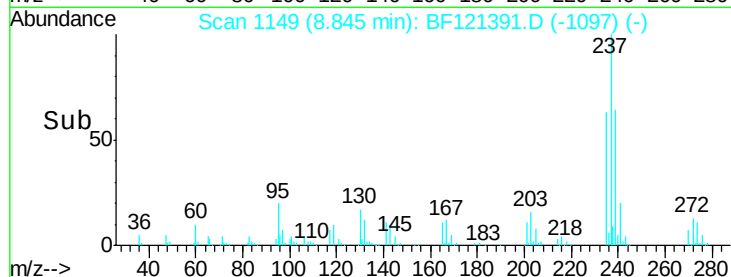
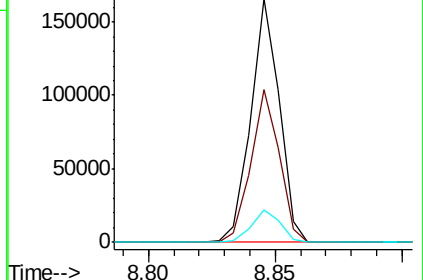
272 13.3 0.0 33.7



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: 74.168 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

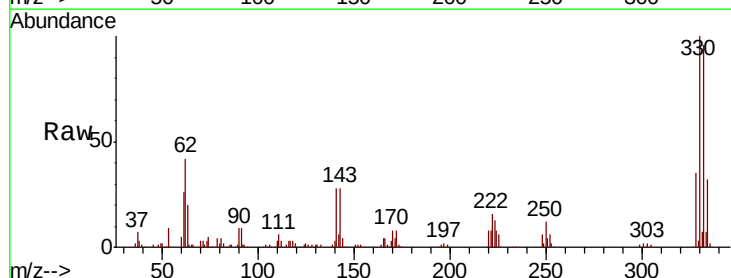
Tgt Ion:330 Resp: 276237

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

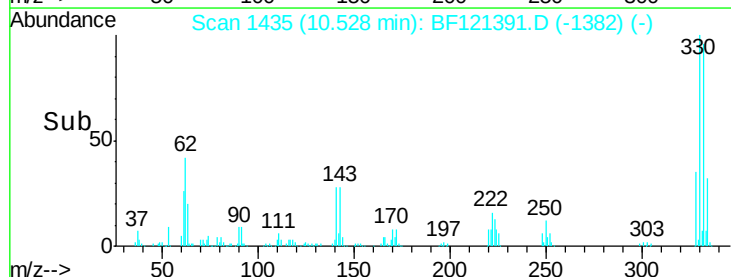
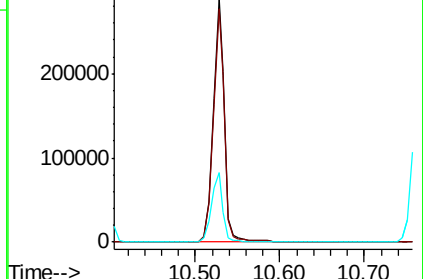
141 28.5 22.8 34.2

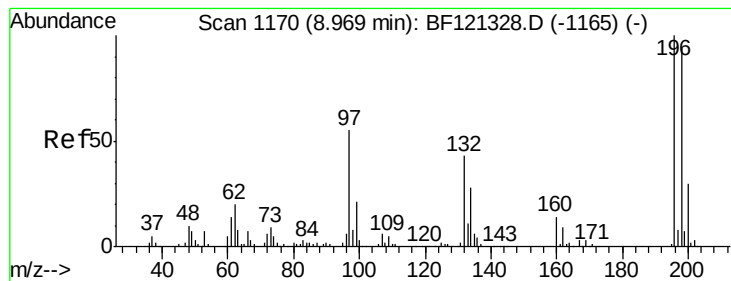


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 37.172 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

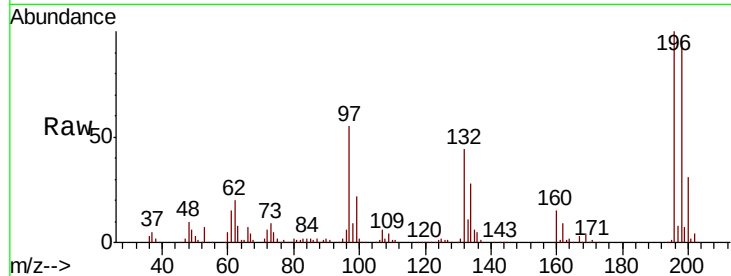
Tot Ion:196 Resp: 241067

Ion Ratio Lower Upper

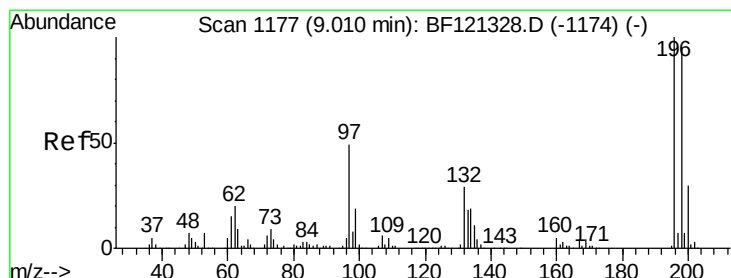
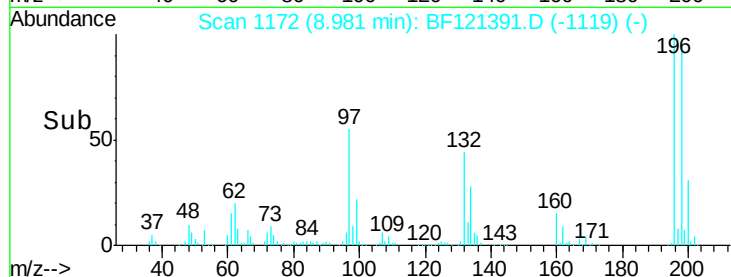
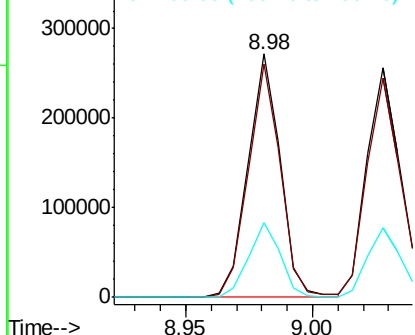
196 100

198 95.7 75.6 113.4

200 30.9 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: 37.257 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Tgt Ion:196 Resp: 248578

Ion Ratio Lower Upper

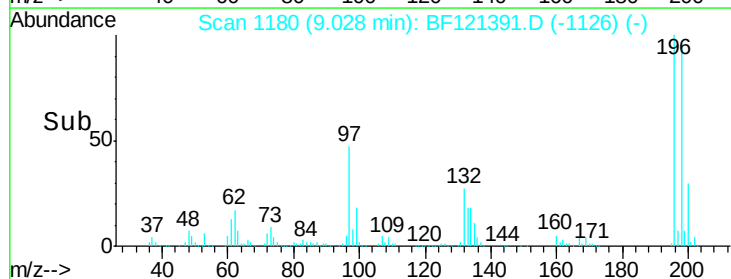
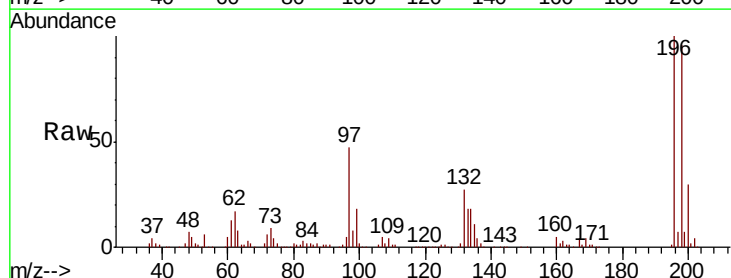
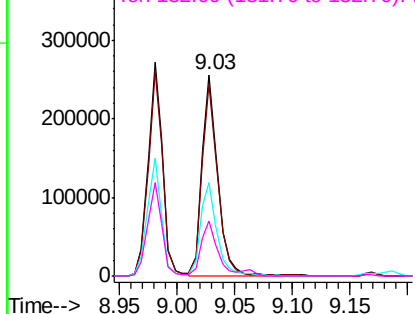
196 100

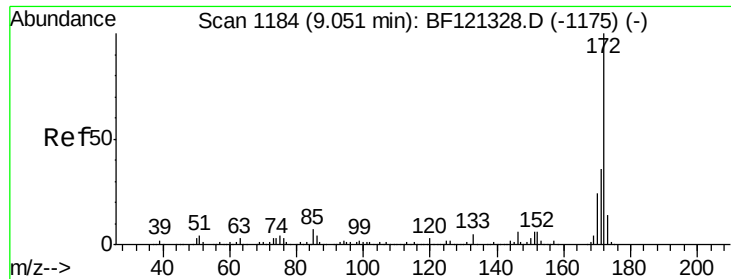
198 95.6 75.6 113.4

97 46.6 39.6 59.4

132 27.4 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

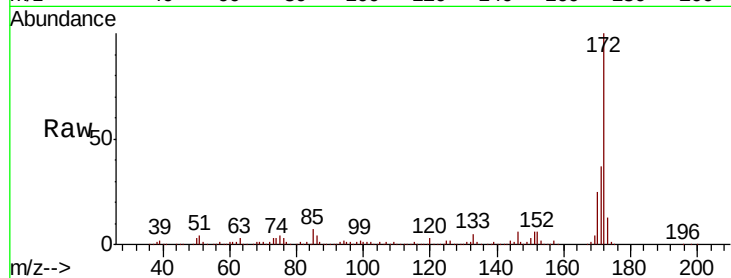




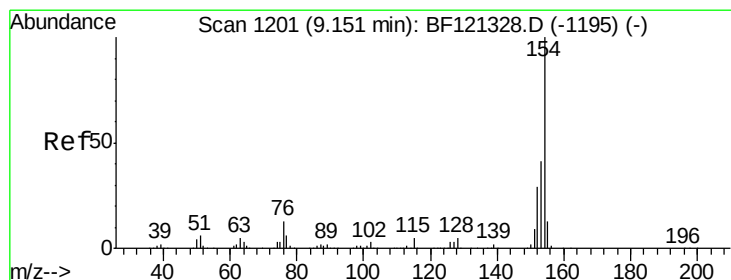
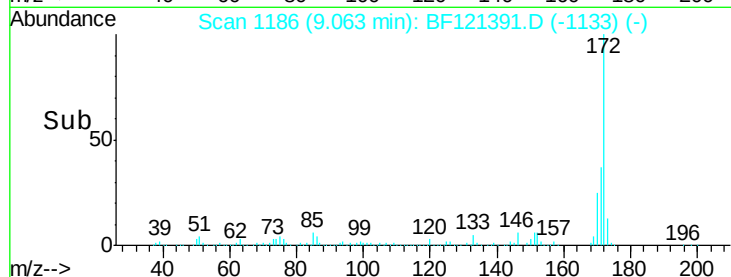
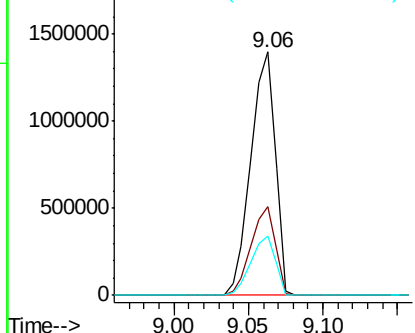
#45
2-Fluorobiphenyl
Concen: 96.595 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1578858
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.5 19.4 29.2

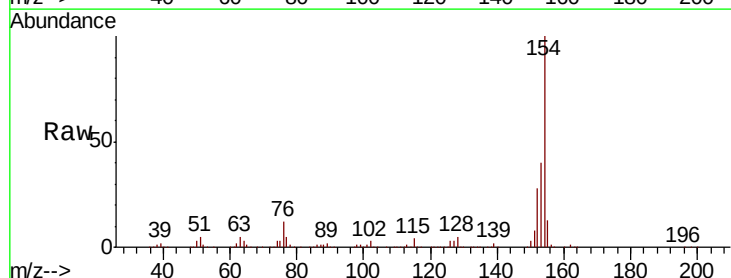


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

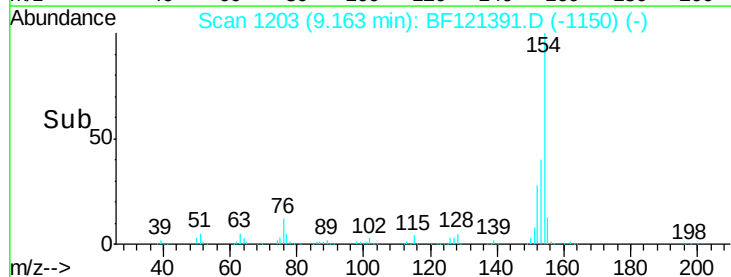
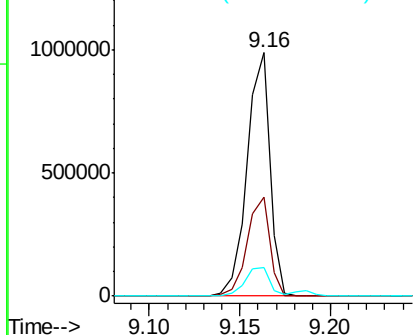


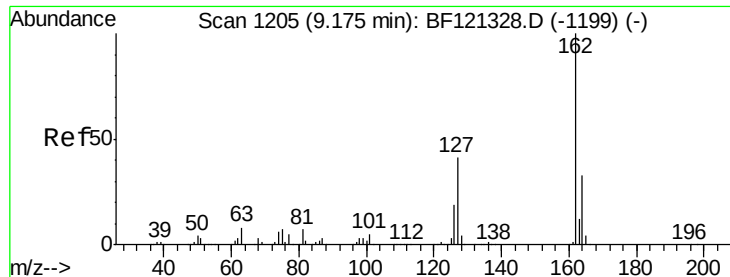
#46
1,1'-Biphenyl
Concen: 36.052 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:154 Resp: 863631
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.9 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

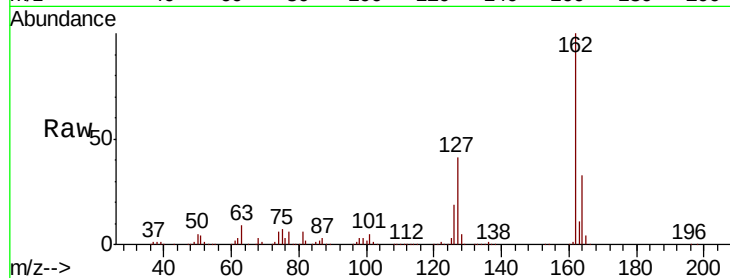




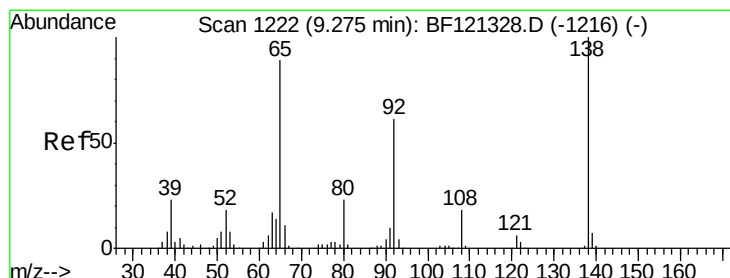
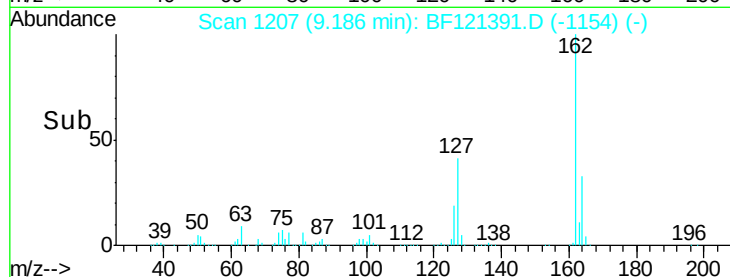
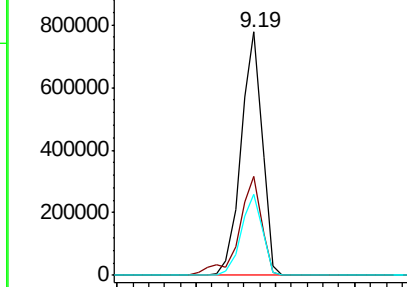
#47
 2-Chloronaphthalene
 Concen: 36.105 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	33.1	49.7
164	33.0	26.5	39.7

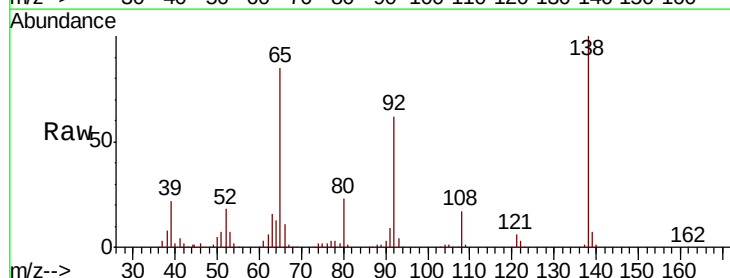


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

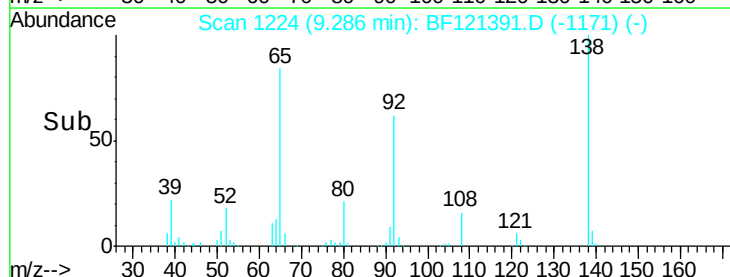
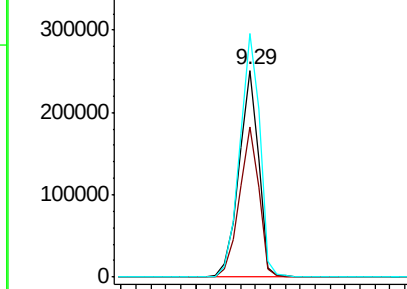


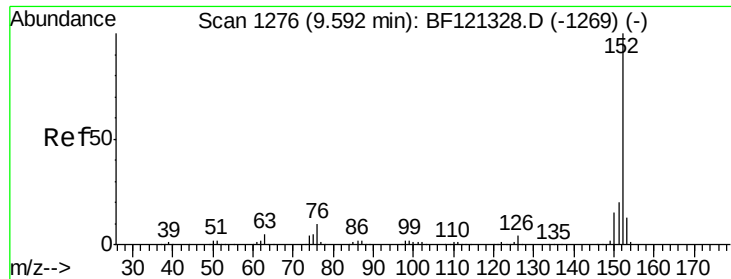
#48
 2-Nitroaniline
 Concen: 37.162 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.5	54.9	82.3
138	117.6	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: 35.734 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

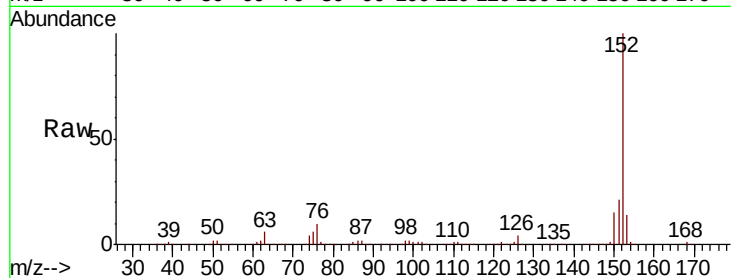
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1047497

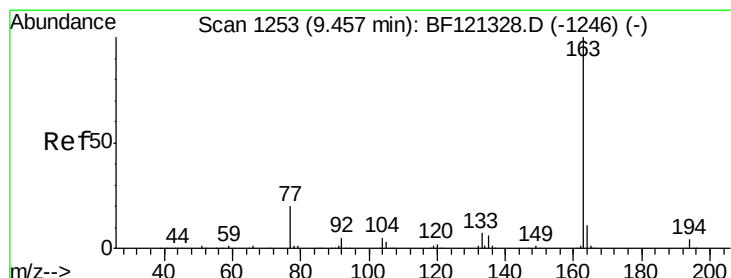
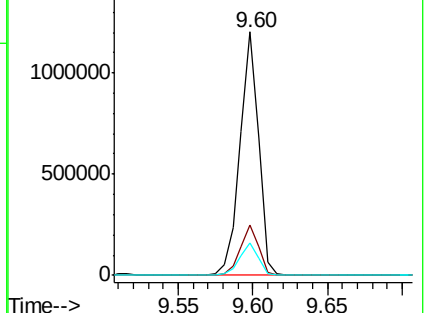
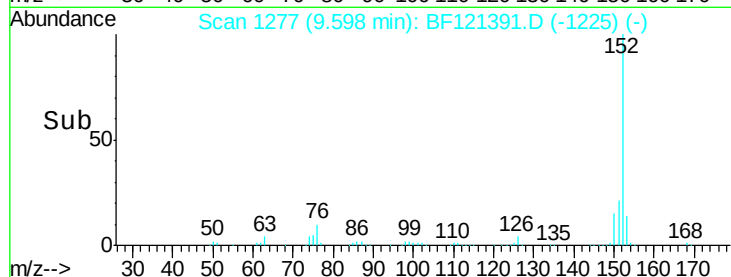
Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.5	10.6	16.0



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: 36.257 ng

RT: 9.46 min Scan# 1254

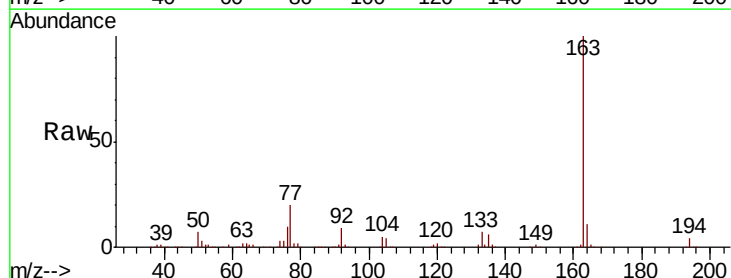
Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Tgt Ion:163 Resp: 843054

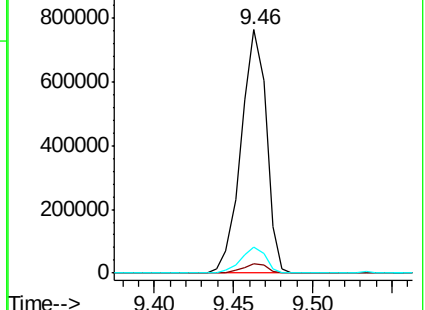
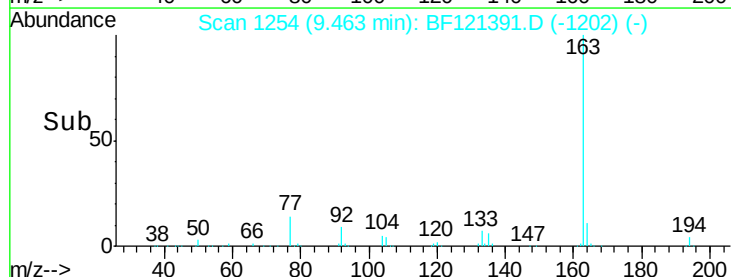
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.6	8.4	12.6

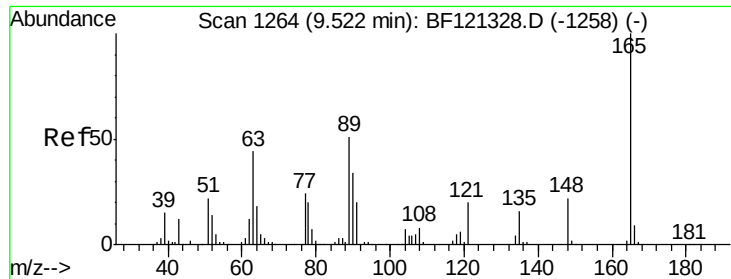


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

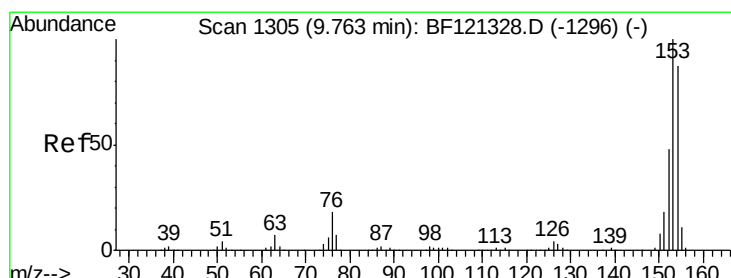
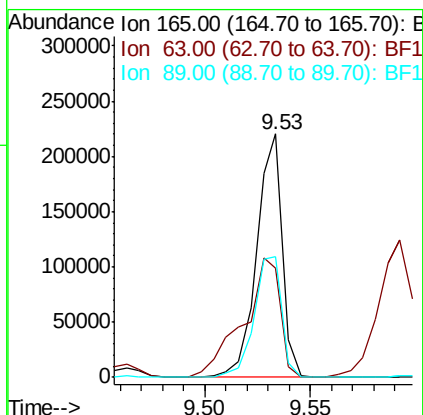
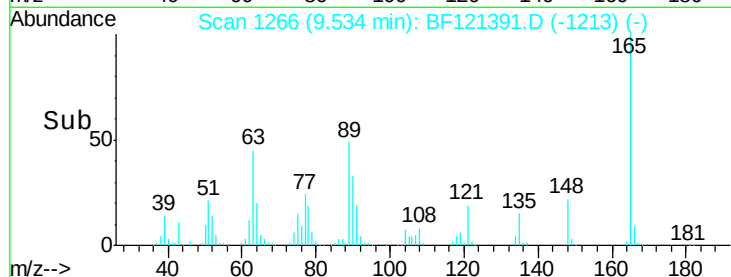
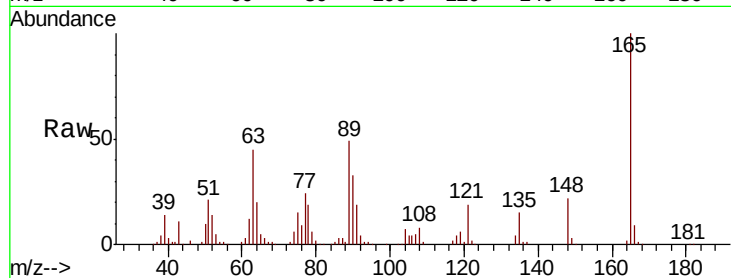




#51
2,6-Dinitrotoluene
Concen: 37.279 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

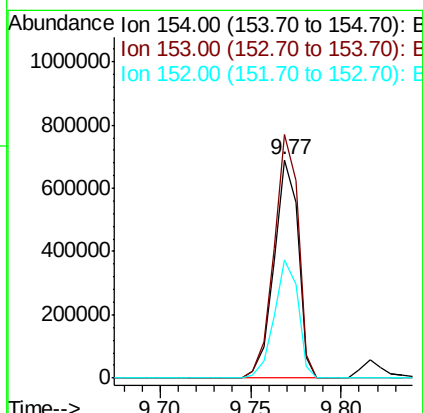
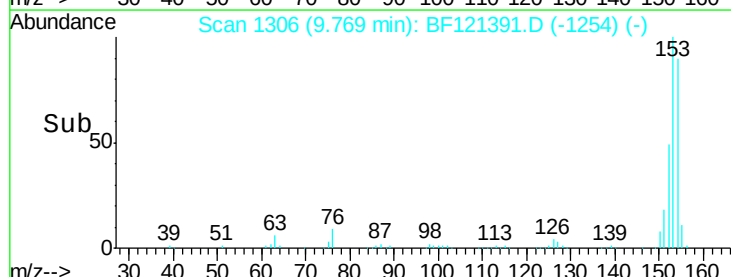
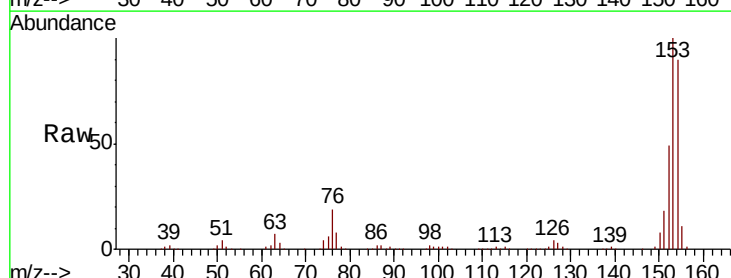
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

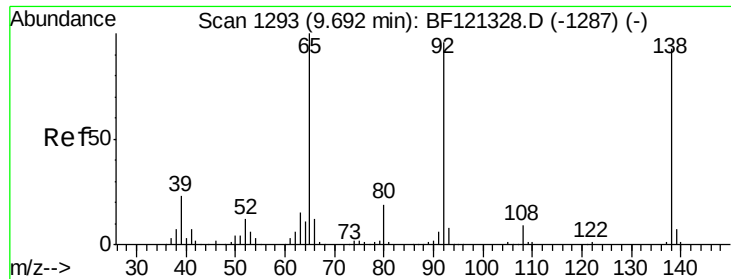
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	38.5	57.7
89	49.3	41.2	61.8



#52
Acenaphthene
Concen: 35.936 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	92.0	138.0
152	54.0	44.6	66.8

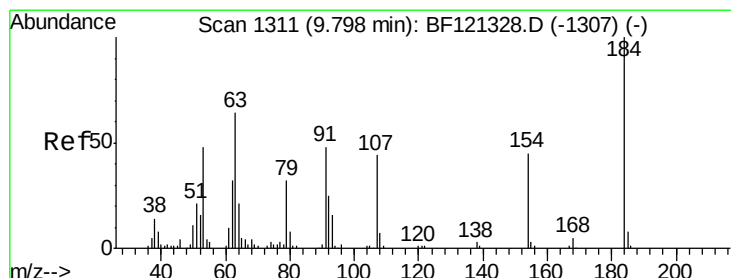
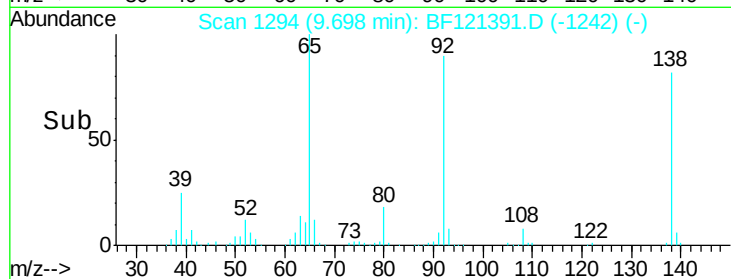
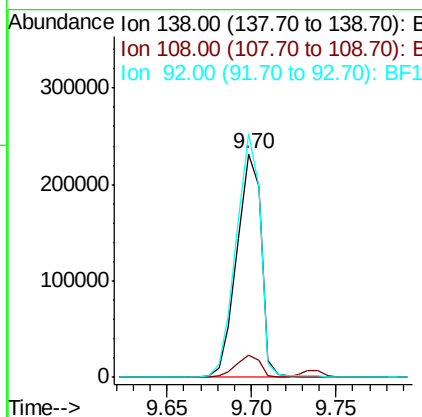
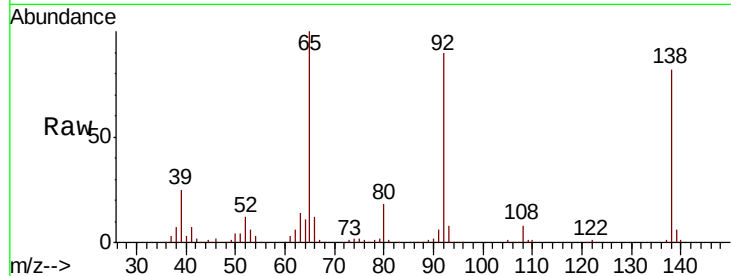




#53
 3-Nitroaniline
 Concen: 37.601 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

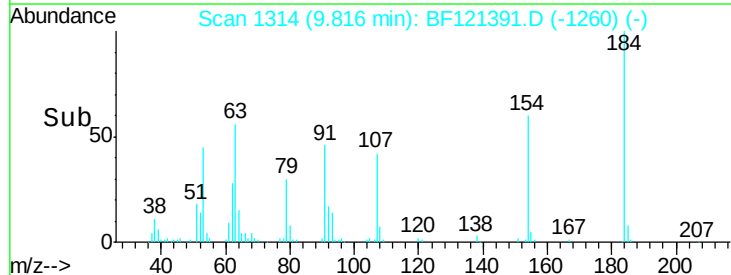
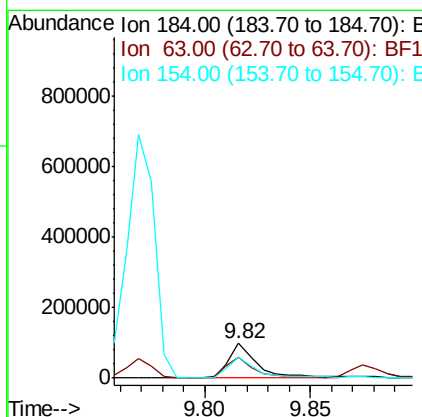
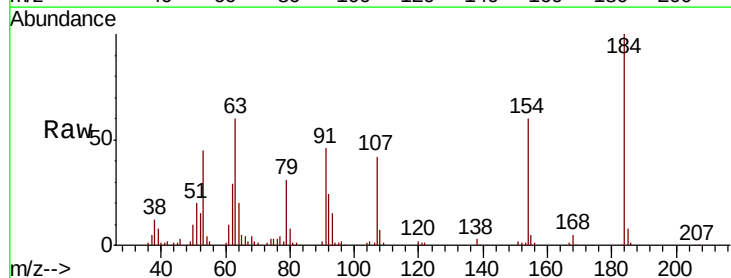
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

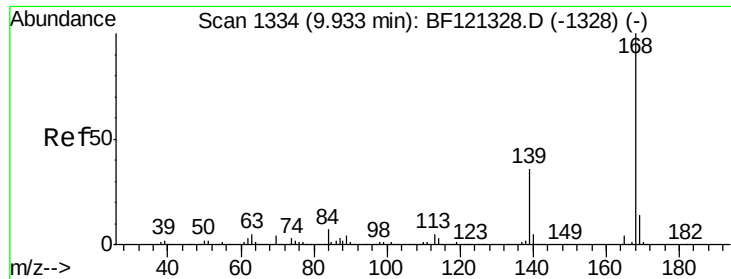
Tot Ion:138 Resp: 233585
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.5 11.3
 92 109.0 83.0 124.4



#54
 2,4-Dinitrophenol
 Concen: 38.750 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.02 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:184 Resp: 92770
 Ion Ratio Lower Upper
 184 100
 63 60.2 51.5 77.3
 154 59.6 48.0 72.0

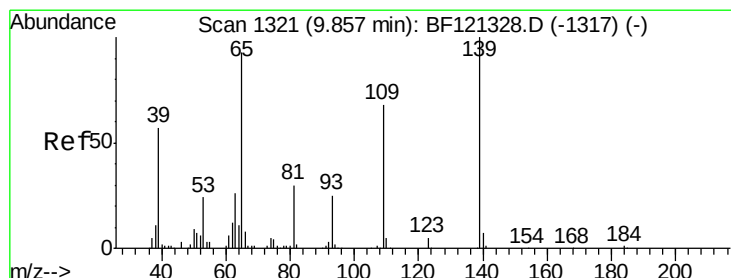
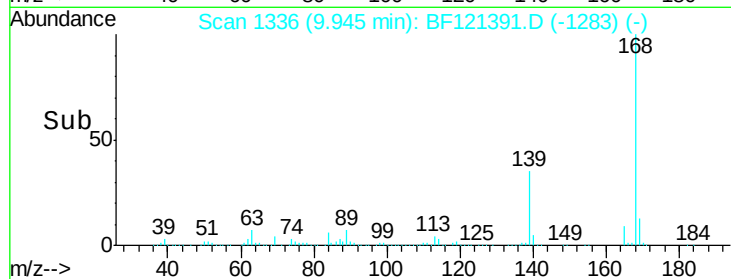
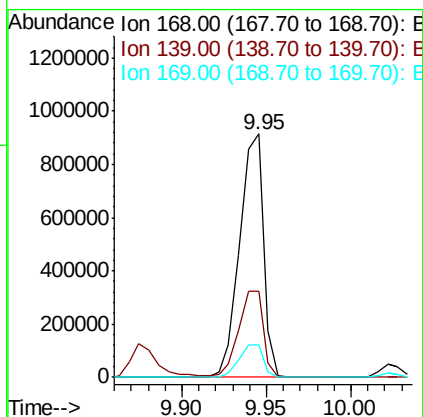
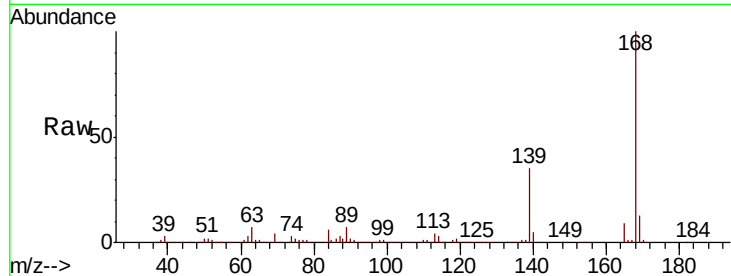




#55
Dibenzofuran
Concen: 39.087 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

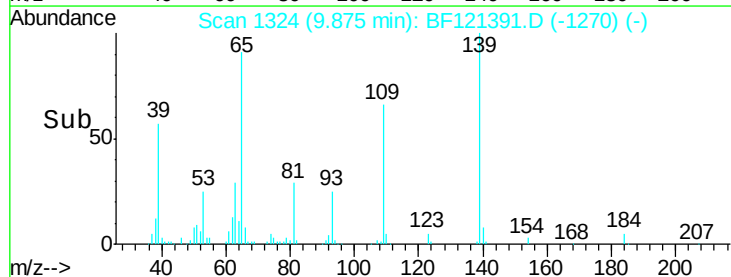
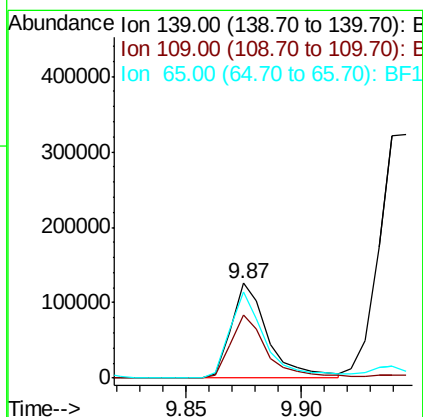
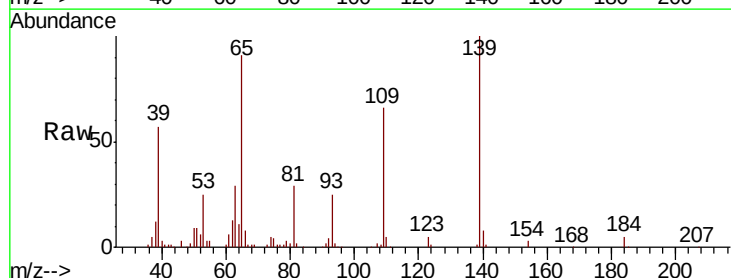
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

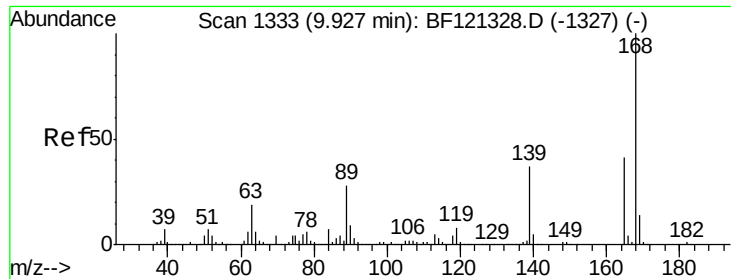
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.1	43.7
169	13.3	11.0	16.6



#56
4-Nitrophenol
Concen: 36.443 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.02 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	47.7	87.7
65	91.1	73.2	113.2

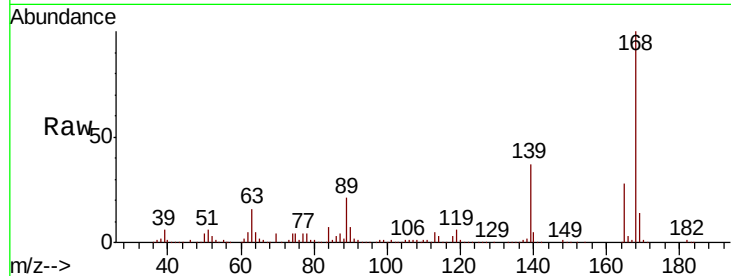




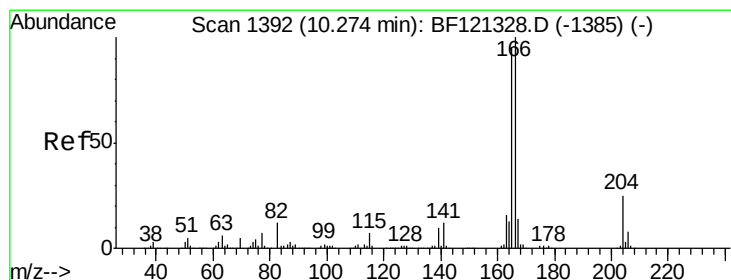
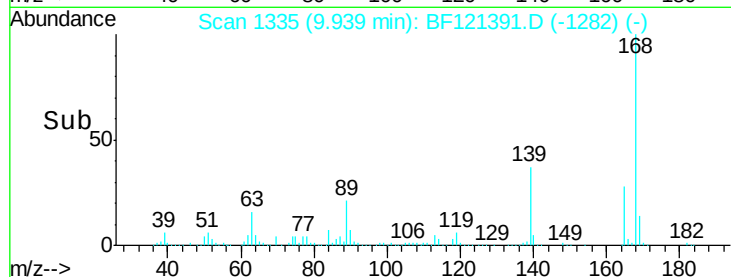
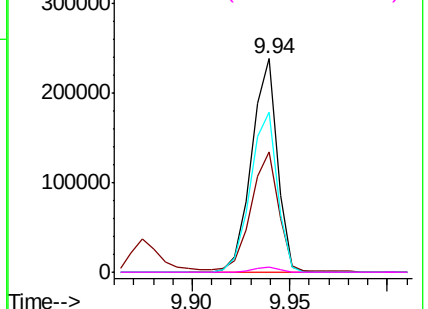
#57
 2,4-Dinitrotoluene
 Concen: 36.096 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	218678
Ion	Ratio	Lower	Upper
165	100		
63	56.3	37.5	56.3#
89	75.2	54.2	81.4
182	2.6	2.2	3.4

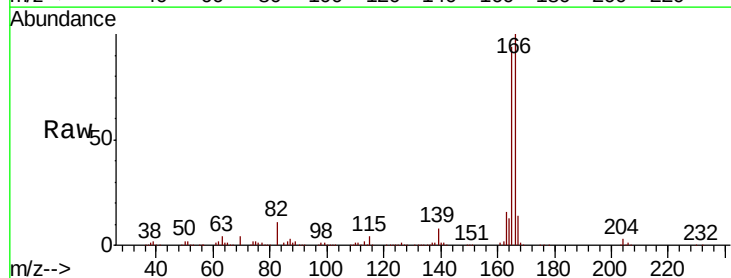


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

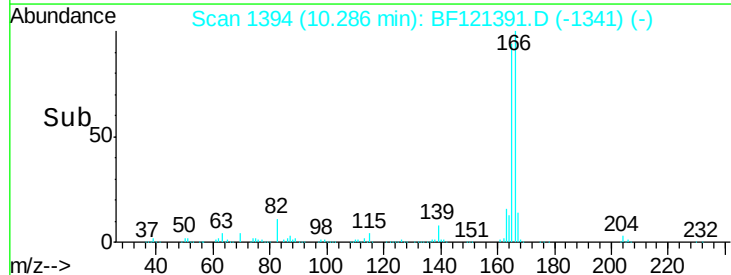
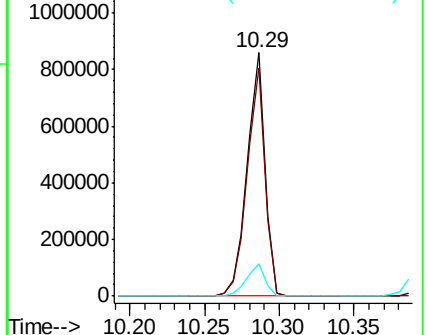


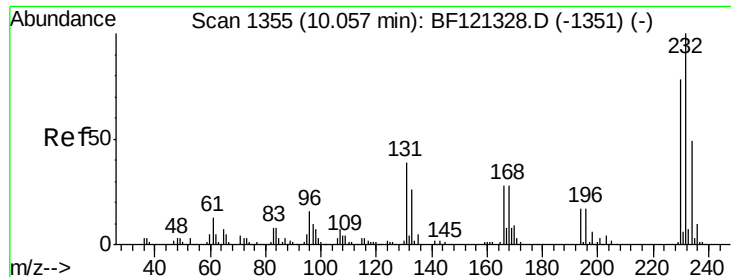
#58
 Fluorene
 Concen: 42.115 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:	166	Resp:	710855
Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.8	113.8
167	13.5	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

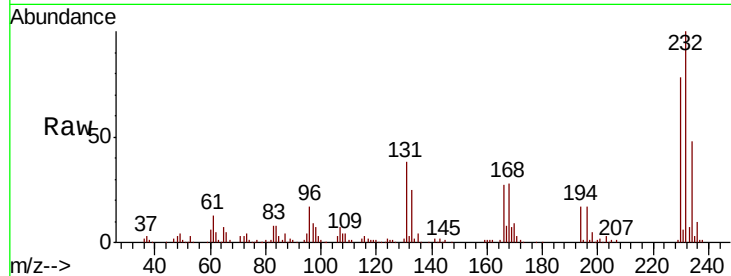




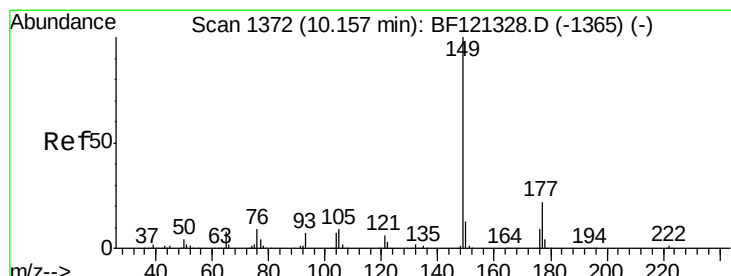
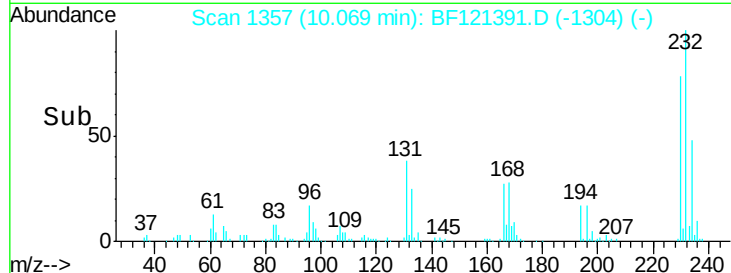
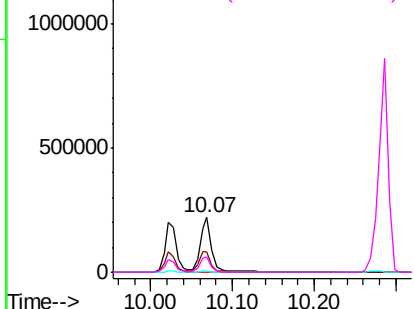
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.052 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	217031
Ion	Ratio	Lower	Upper
232	100		
131	40.6	34.2	51.4
130	1.9	1.7	2.5
166	27.3	22.3	33.5

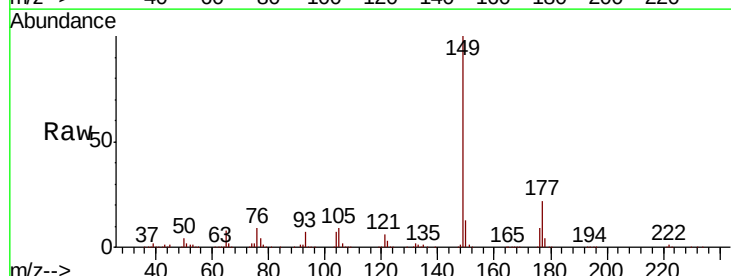


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

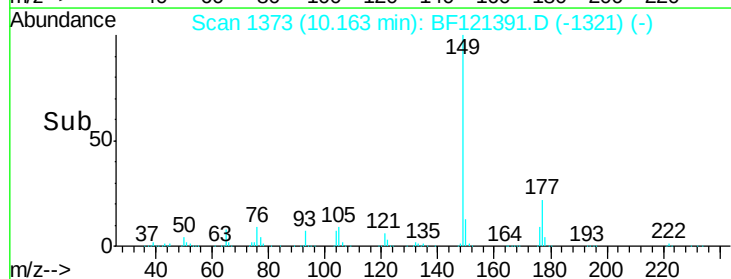
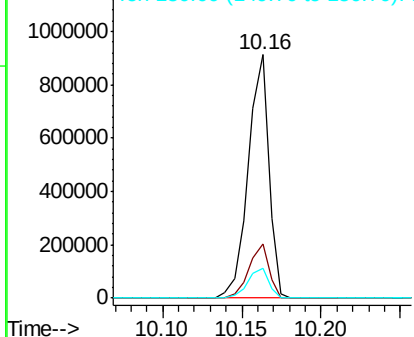


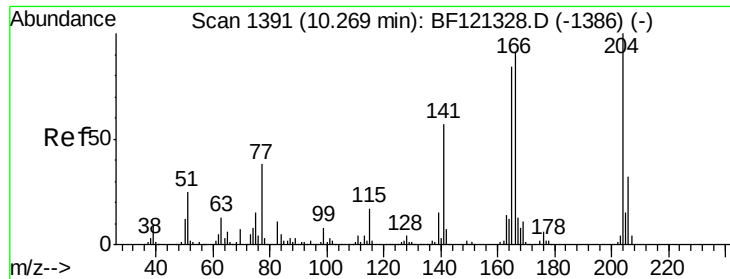
#60
 Diethylphthalate
 Concen: 36.119 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:	149	Resp:	820115
Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.6	26.4
150	12.5	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

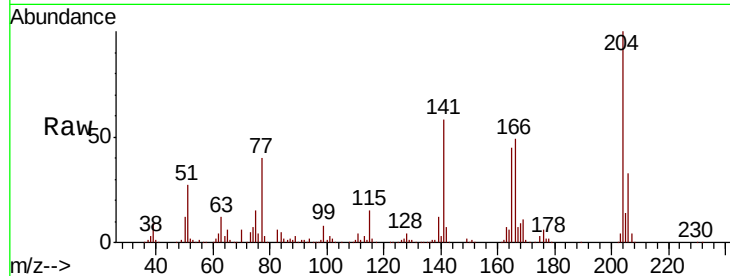




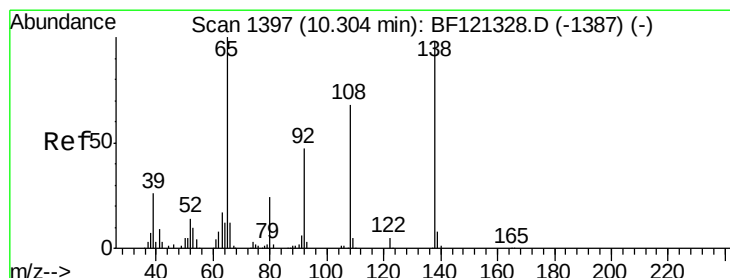
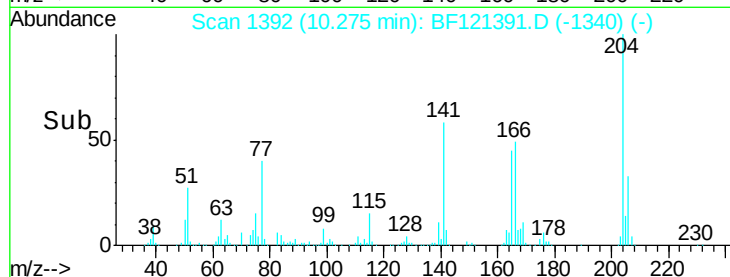
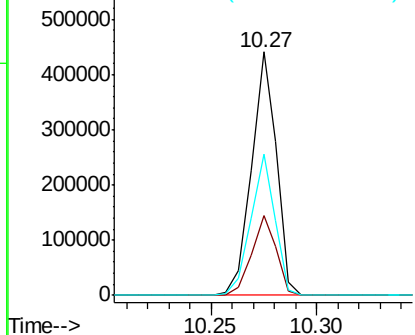
#61
4-Chlorophenyl-phenylether
Concen: 42.434 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 360282
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 57.8 45.5 68.3

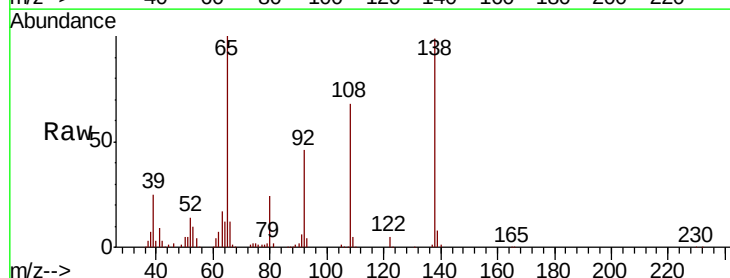


Abundance Ion 204.00 (203.70 to 204.70): E
600000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

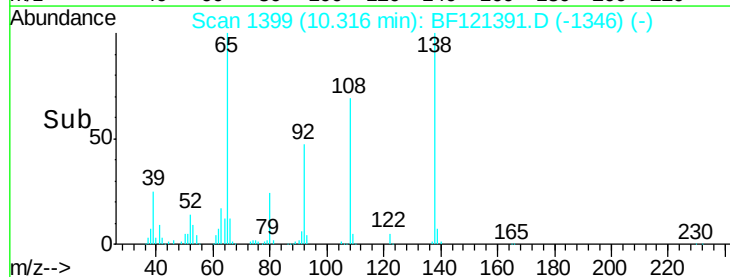
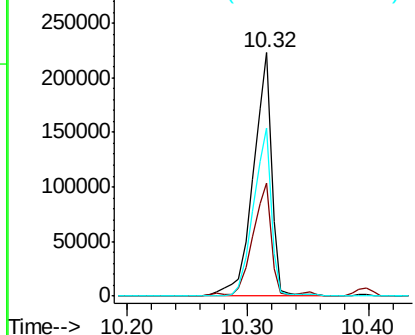


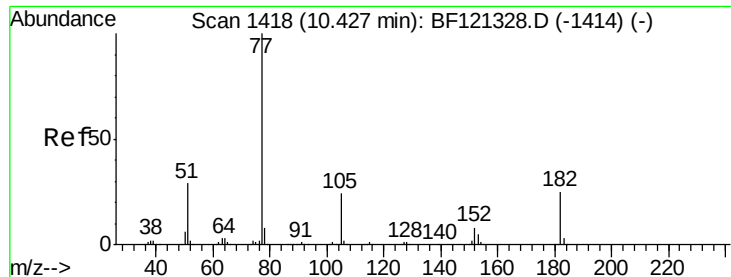
#62
4-Nitroaniline
Concen: 37.476 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:138 Resp: 238545
Ion Ratio Lower Upper
138 100
92 46.6 28.1 68.1
108 68.9 49.5 89.5



Abundance Ion 138.00 (137.70 to 138.70): E
300000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

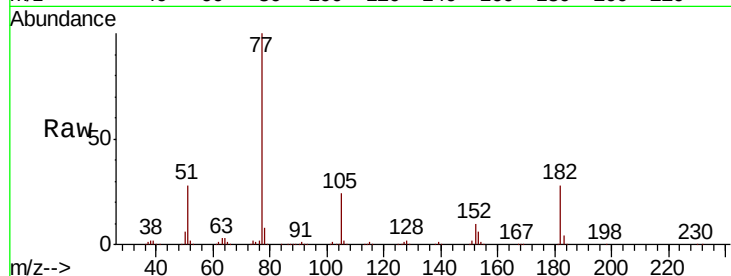




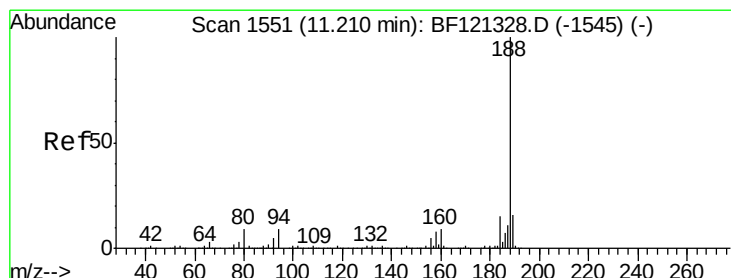
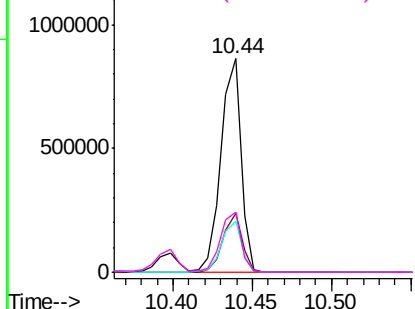
#63
Azobenzene
Concen: 36.186 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	77	Resp:	763142
Ion	Ratio	Lower	Upper
77	100		
182	27.7	5.0	45.0
105	23.8	3.6	43.6
51	28.0	8.8	48.8

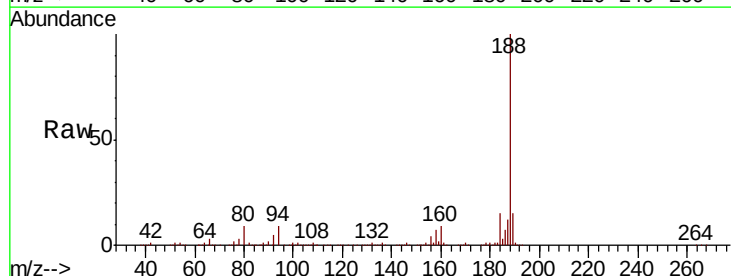


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

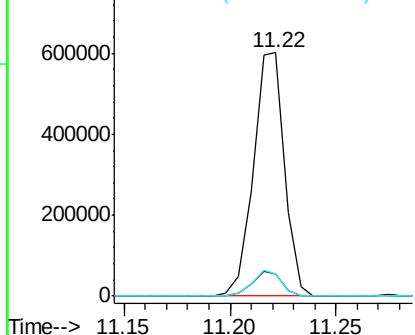


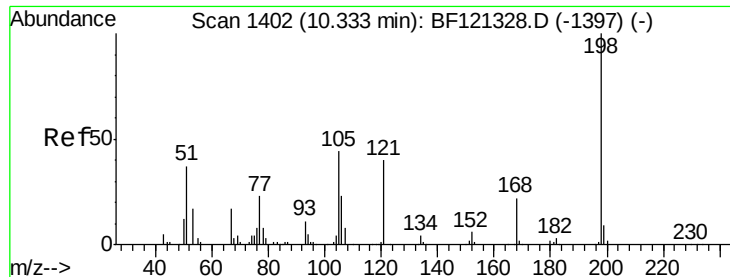
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:	188	Resp:	615825
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	8.9	7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

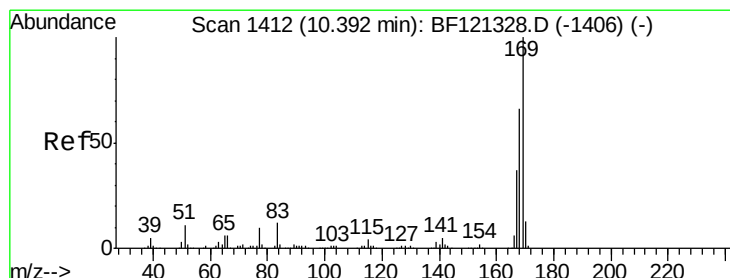
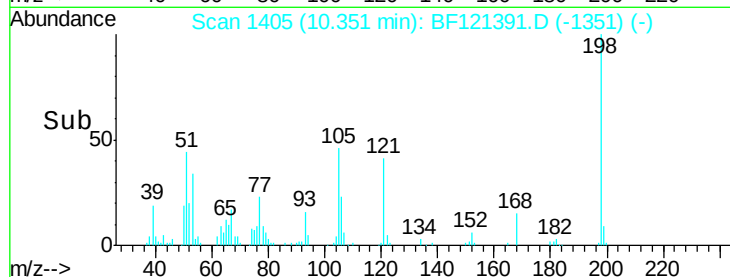
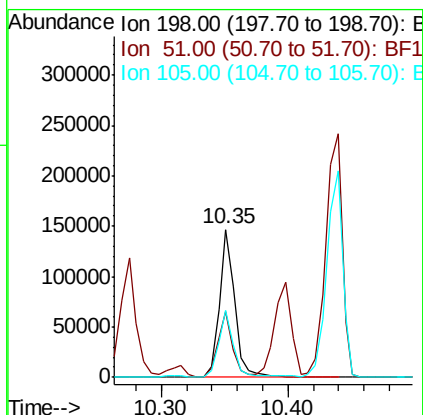
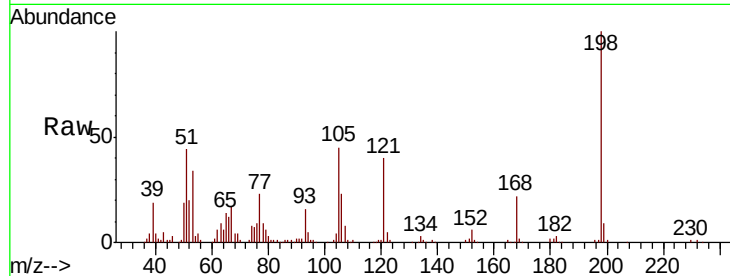




#65
4,6-Dinitro-2-methylphenol
Concen: 38.384 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.02 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

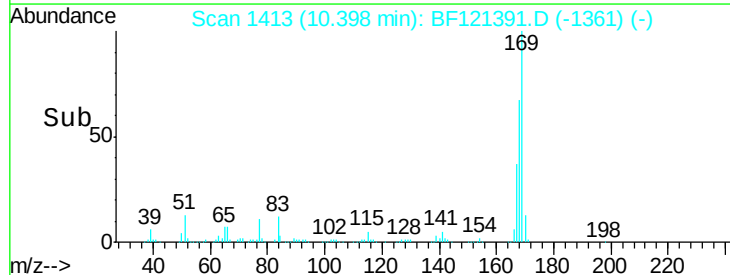
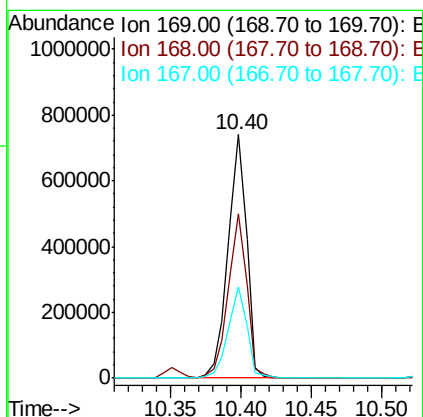
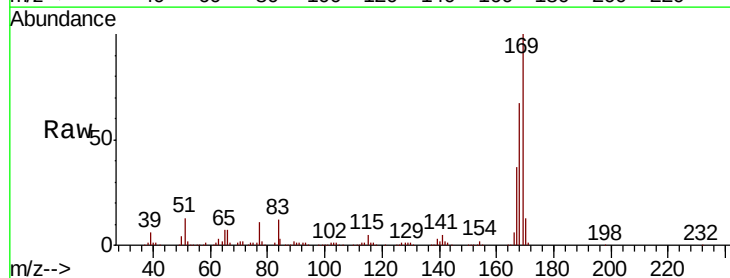
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

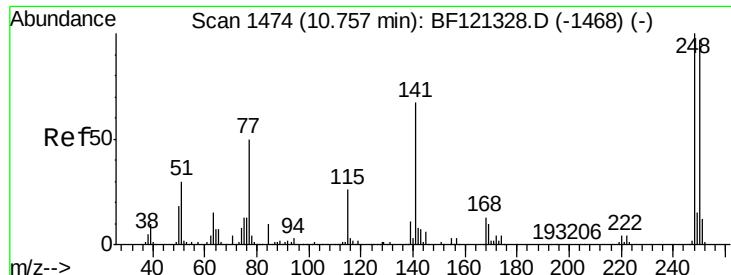
Tot Ion:198 Resp: 126412
Ion Ratio Lower Upper
198 100
51 43.9 25.5 65.5
105 44.8 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 35.726 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:169 Resp: 678638
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 37.4 29.5 44.3

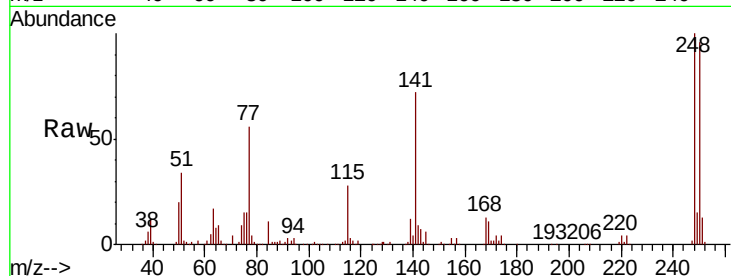




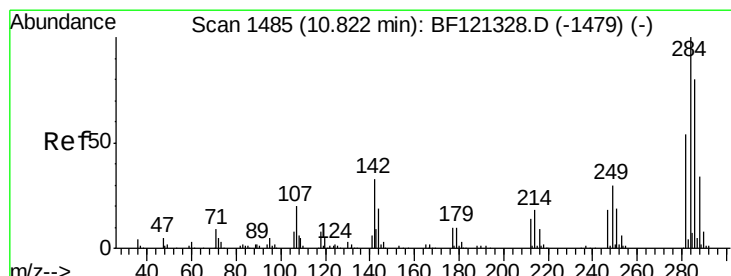
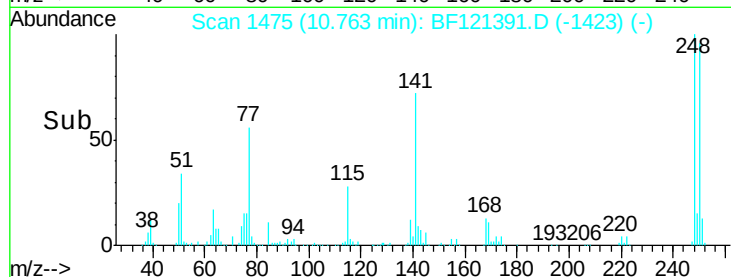
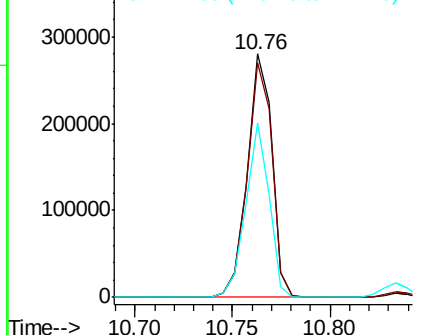
#67
 4-Bromophenyl-phenylether
 Concen: 36.064 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 246354
 Ion Ratio Lower Upper
 248 100
 250 96.3 77.9 116.9
 141 71.8 53.5 80.3

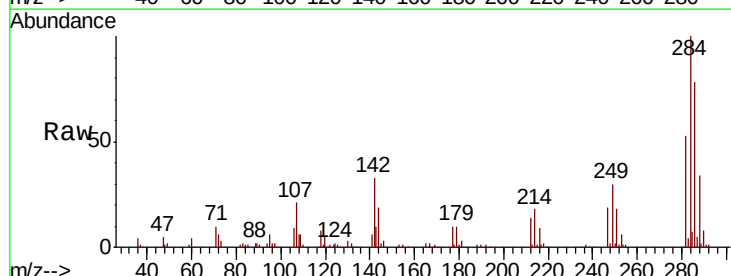


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

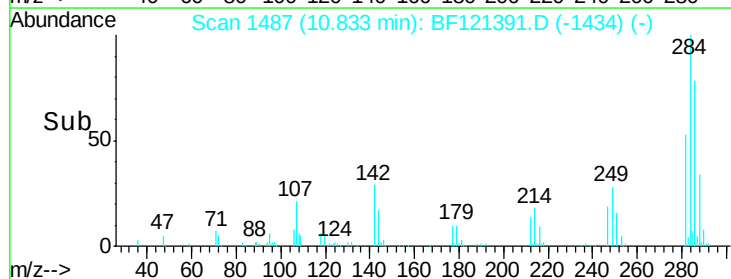
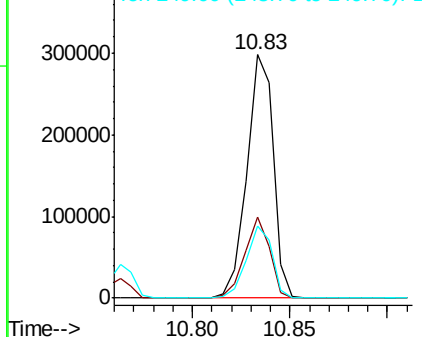


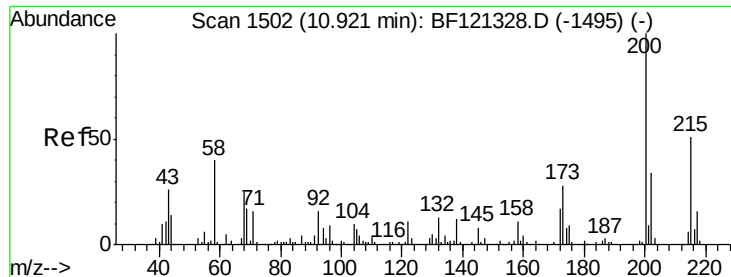
#68
 Hexachlorobenzene
 Concen: 35.517 ng
 RT: 10.83 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:284 Resp: 279663
 Ion Ratio Lower Upper
 284 100
 142 33.1 26.1 39.1
 249 29.6 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: 36.524 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

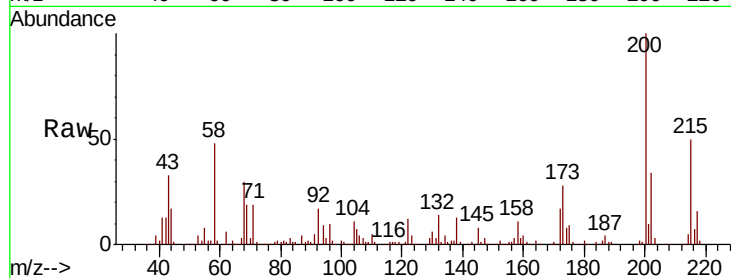
Tot Ion:200 Resp: 214919

Ion Ratio Lower Upper

200 100

173 28.5 7.8 47.8

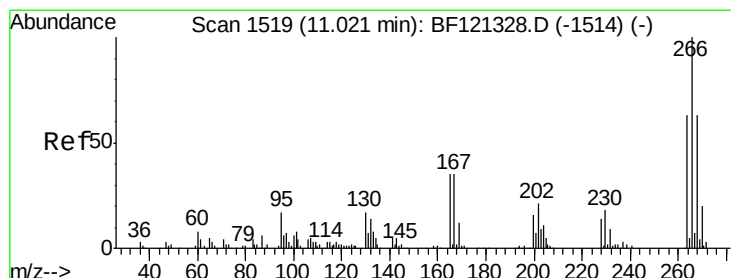
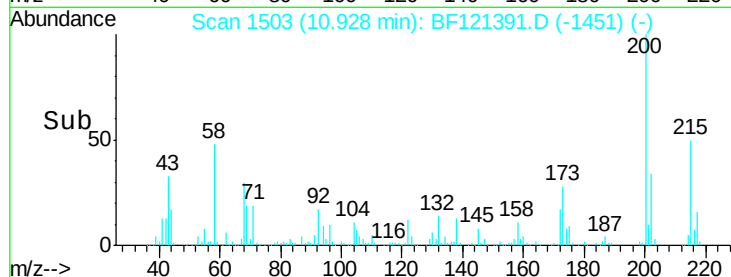
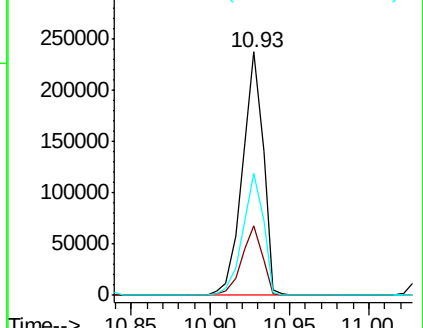
215 50.3 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 36.303 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

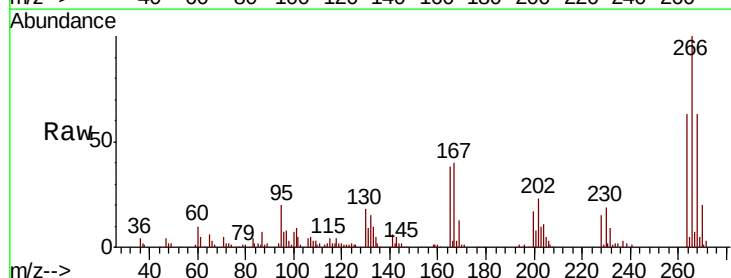
Tgt Ion:266 Resp: 127186

Ion Ratio Lower Upper

266 100

268 62.9 50.6 75.8

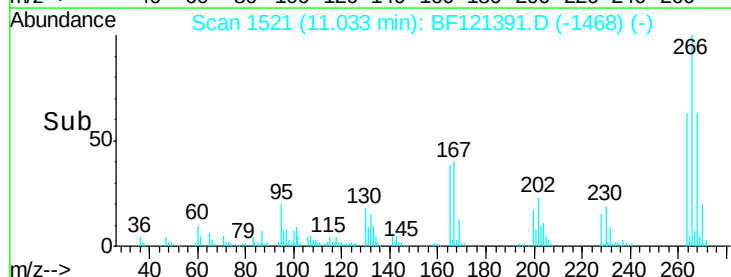
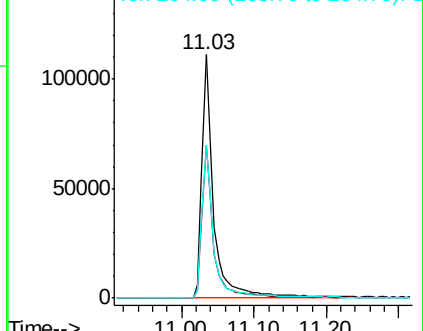
264 62.9 50.5 75.7

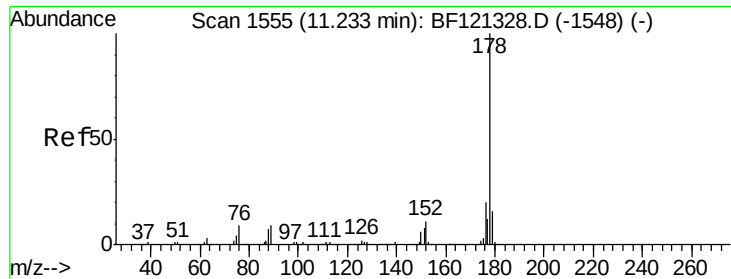


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

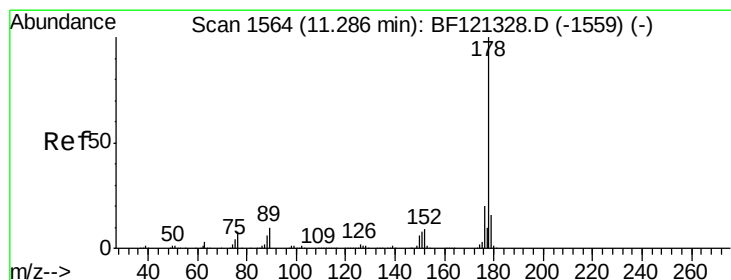
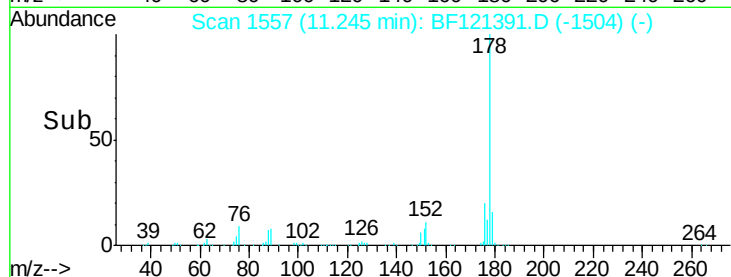
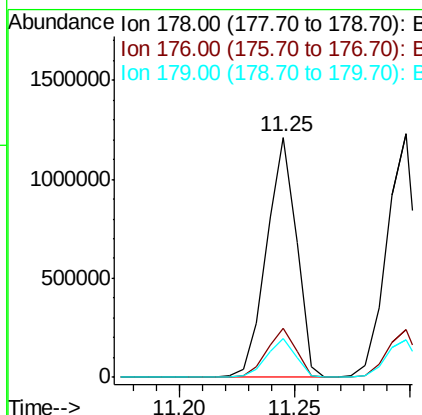
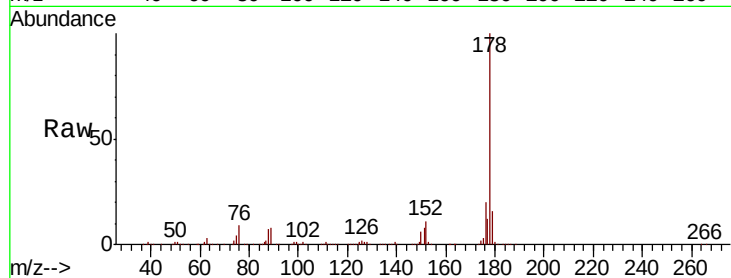




#71
Phenanthrene
Concen: 34.201 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

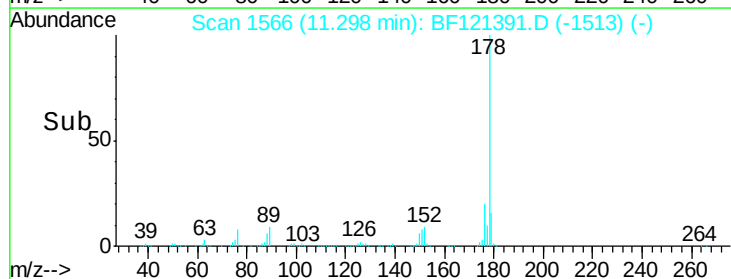
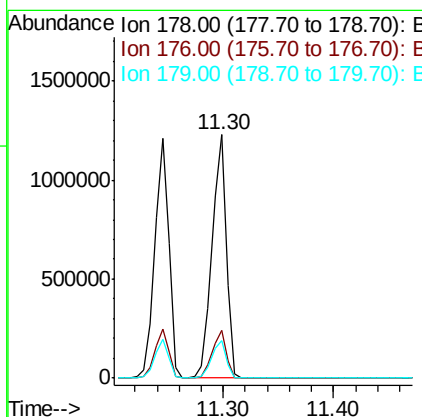
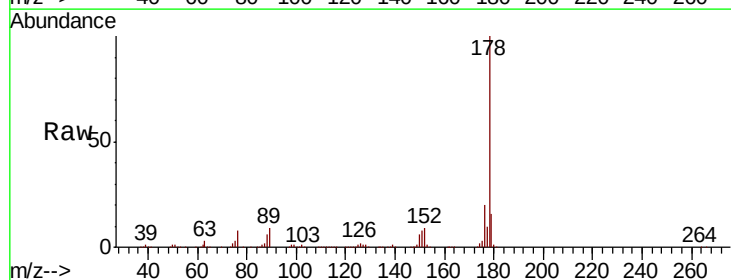
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

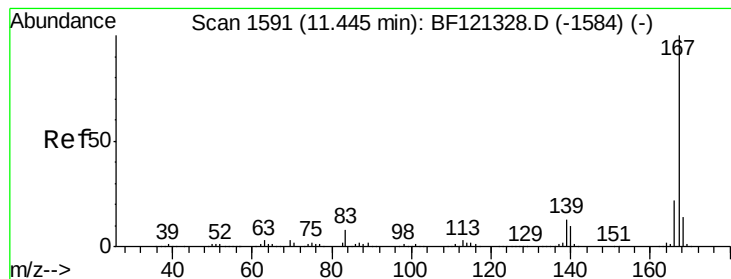
Tot Ion:178 Resp: 1090066
Ion Ratio Lower Upper
178 100
176 20.3 16.0 24.0
179 15.9 12.8 19.2



#72
Anthracene
Concen: 35.317 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:178 Resp: 1083965
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.7 12.8 19.2





#73

Carbazole

Concen: 36.047 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

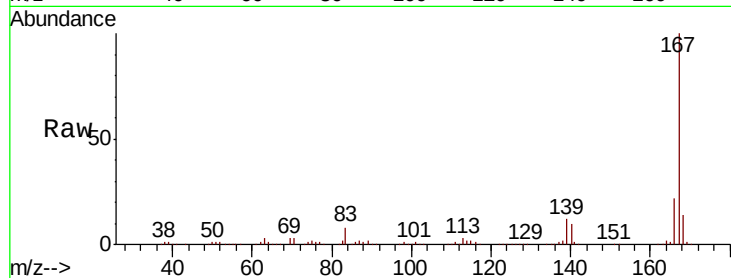
Tot Ion:167 Resp: 1055861

Ion Ratio Lower Upper

167 100

166 22.2 17.7 26.5

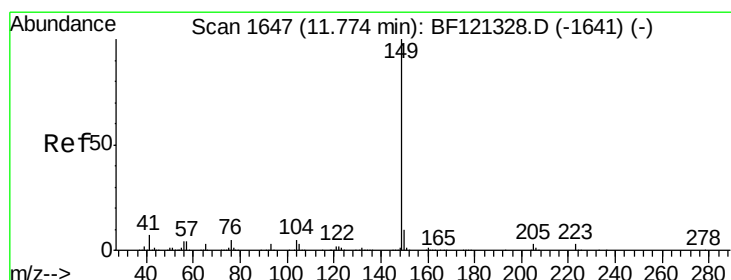
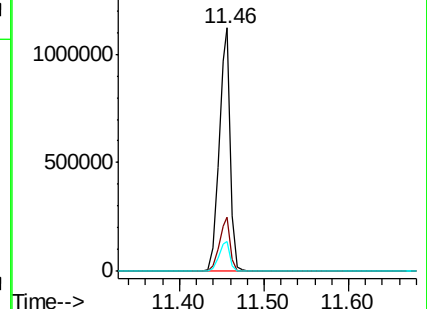
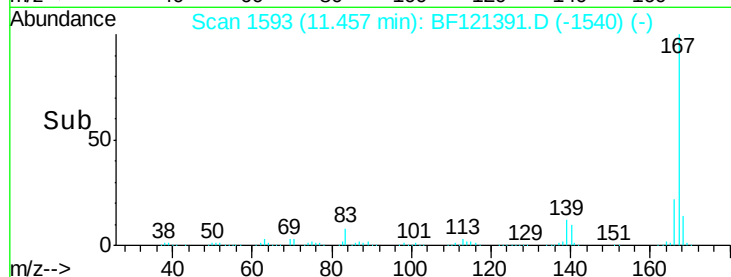
139 12.3 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 36.262 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

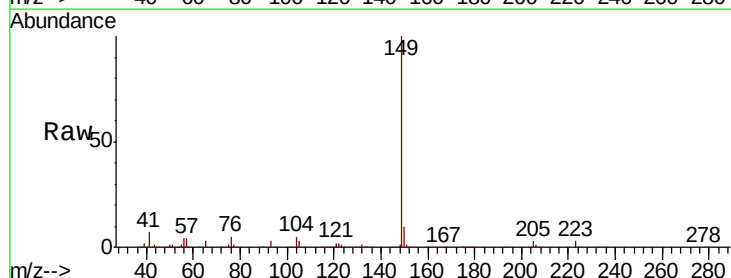
Tgt Ion:149 Resp: 1280806

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

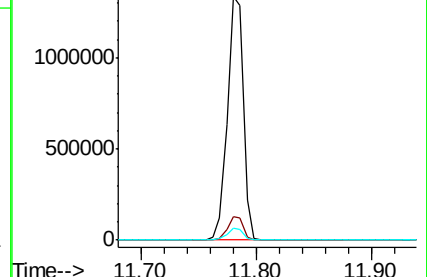
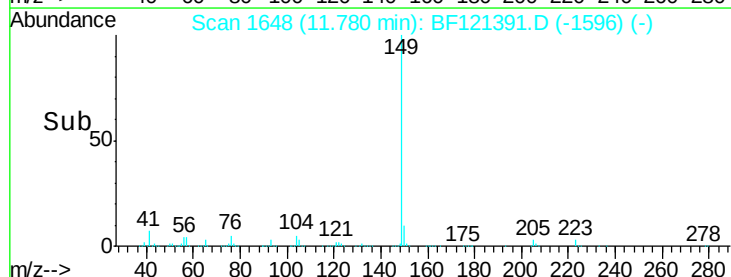
104 4.9 3.9 5.9

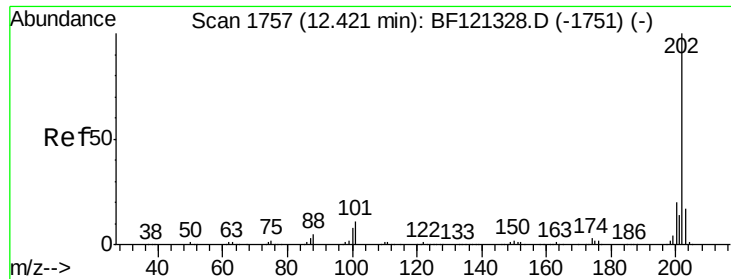


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

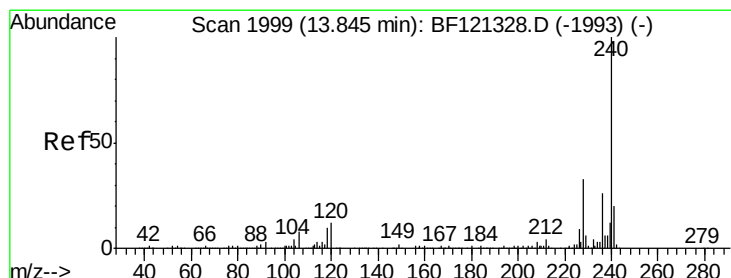
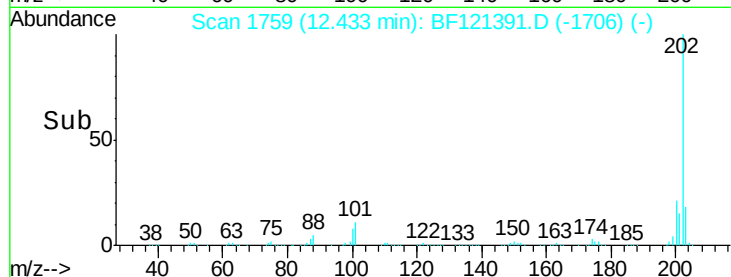
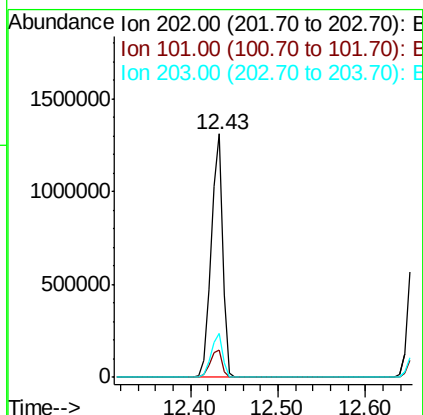
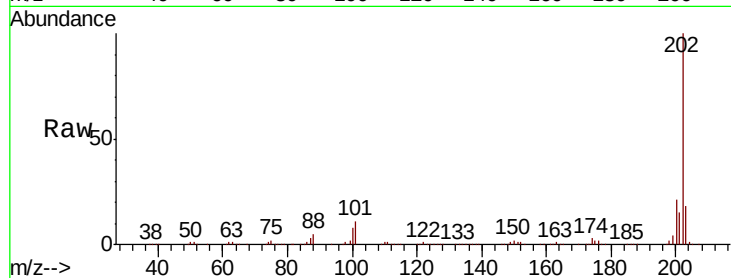




#75
 Fluoranthene
 Concen: 34.642 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. 0.01 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

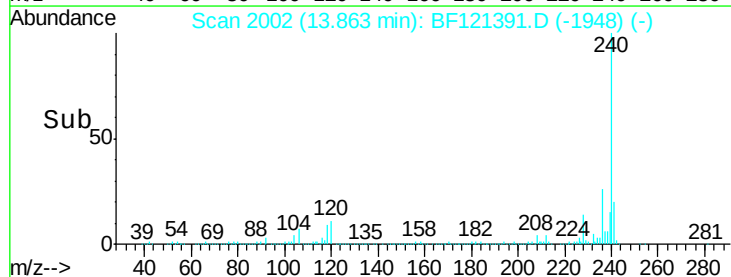
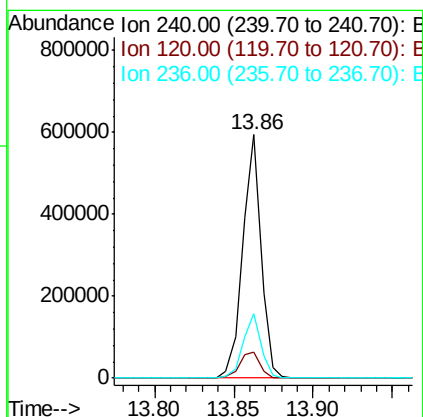
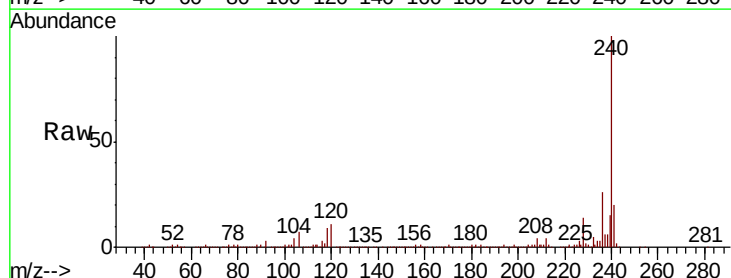
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

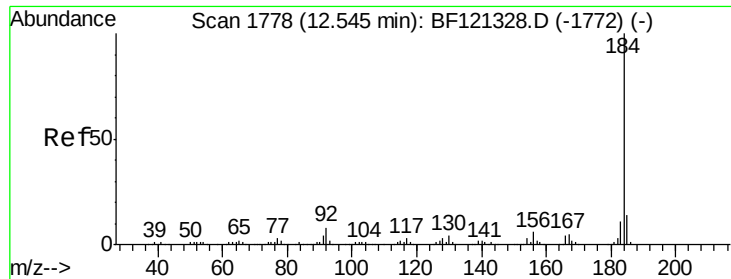
Tot Ion:202 Resp: 1198421
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 30.6
 203 18.0 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. 0.02 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:240 Resp: 474178
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.6 14.4
 236 26.2 20.6 31.0





#77

Benzidine

Concen: 44.094 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

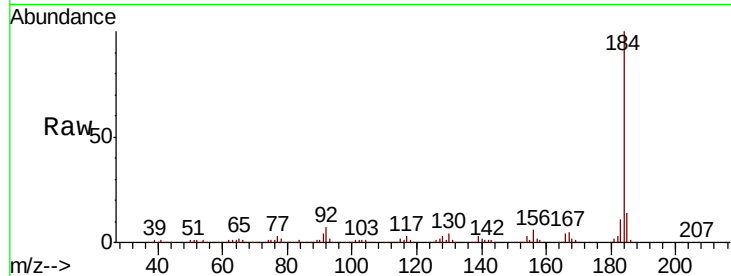
Tot Ion:184 Resp: 576041

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.2 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

12.56

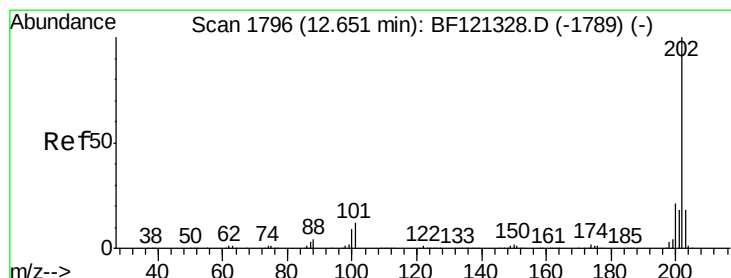
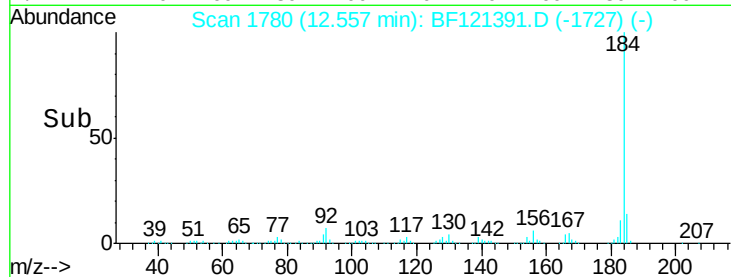
600000

400000

200000

0

Time-->



#78

Pyrene

Concen: 34.659 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

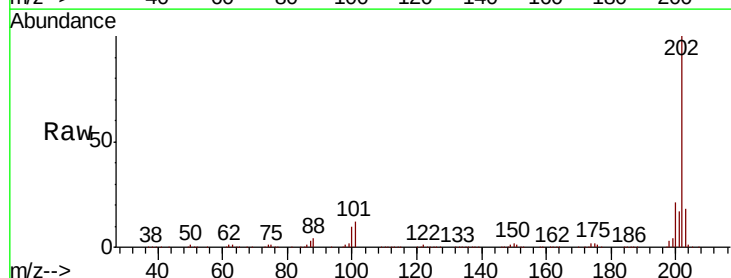
Tgt Ion:202 Resp: 1234507

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 17.6 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

12.66

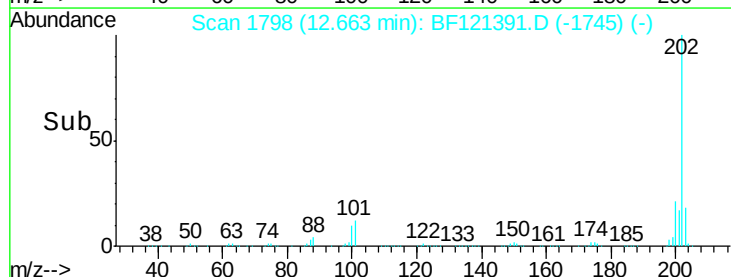
1500000

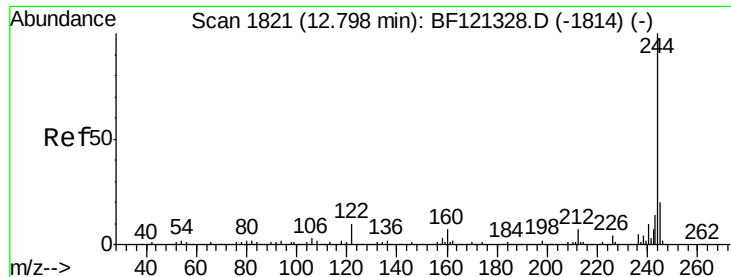
1000000

500000

0

Time-->





#79

Terphenyl-d14

Concen: 71.242 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

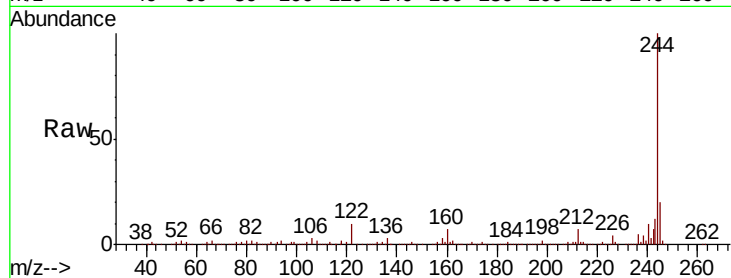
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1728686

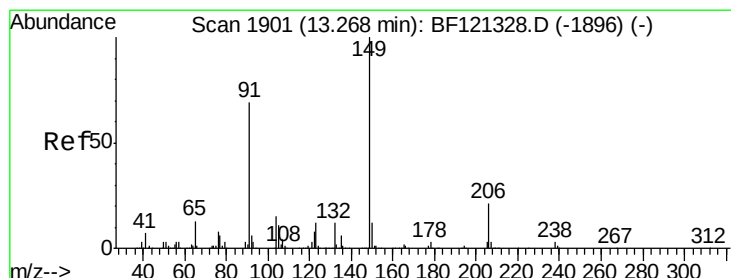
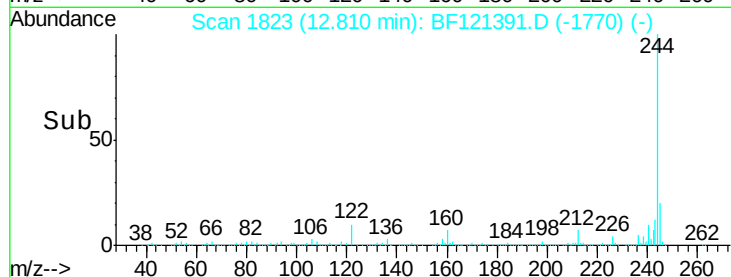
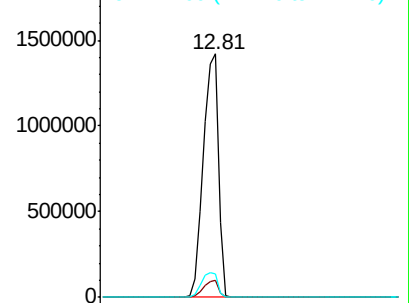
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.6	7.8	11.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.393 ng

RT: 13.28 min Scan# 1903

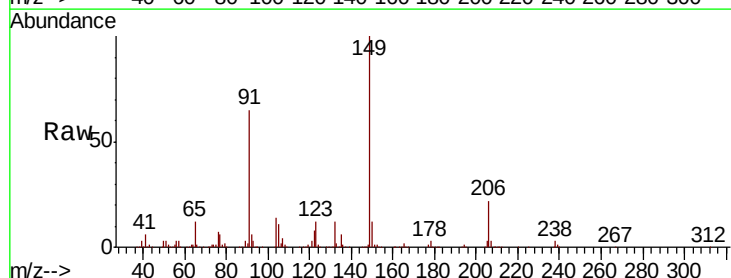
Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Tgt Ion:149 Resp: 556993

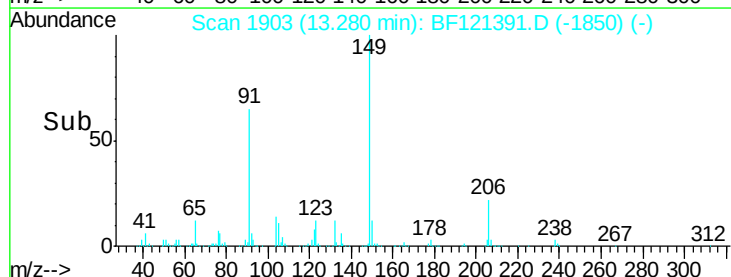
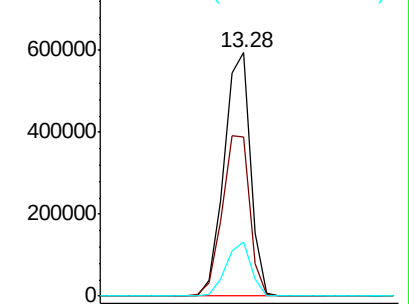
Ion	Ratio	Lower	Upper
149	100		
91	65.3	55.2	82.8
206	22.2	16.8	25.2

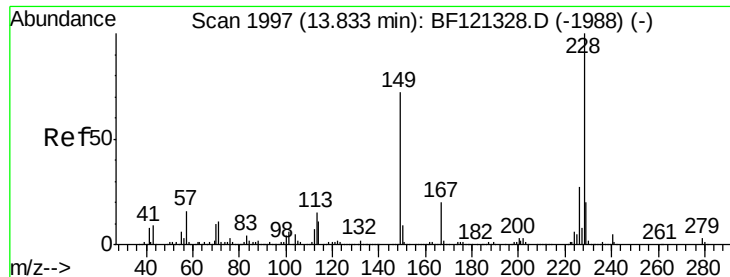


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.388 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

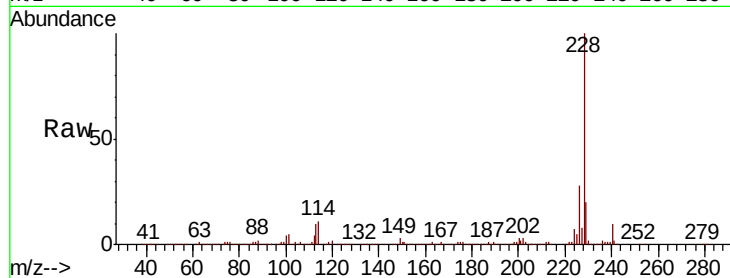
Tot Ion:228 Resp: 1042227

Ion Ratio Lower Upper

228 100

226 28.3 21.8 32.6

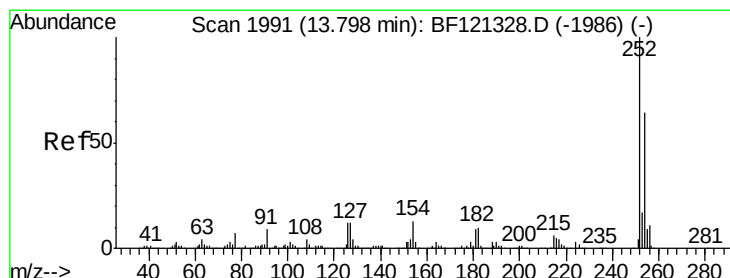
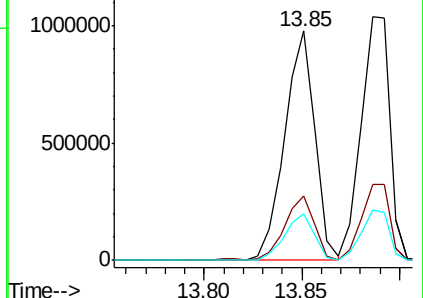
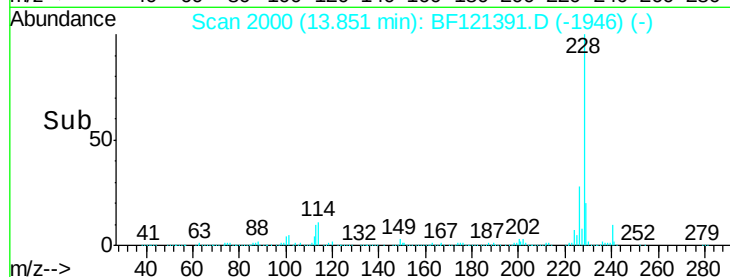
229 20.1 15.8 23.8



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: 37.583 ng

RT: 13.82 min Scan# 1994

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

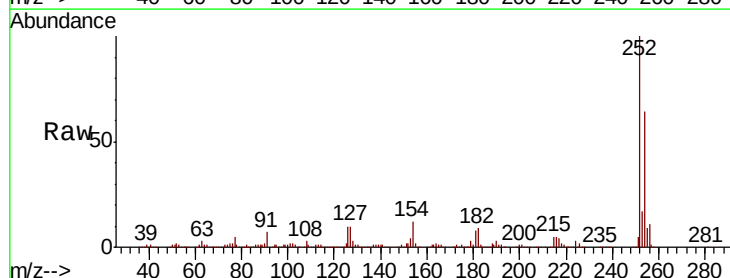
Tgt Ion:252 Resp: 424985

Ion Ratio Lower Upper

252 100

254 64.4 51.5 77.3

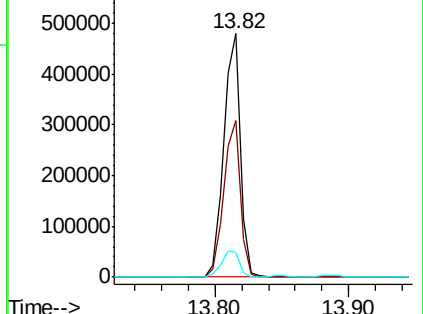
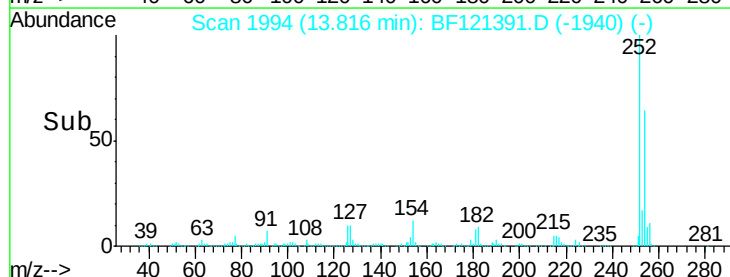
126 10.3 9.8 14.8

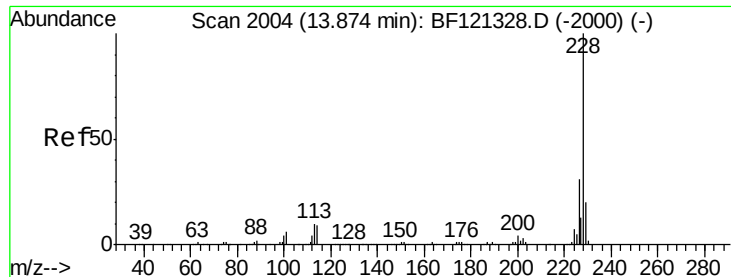


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.092 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

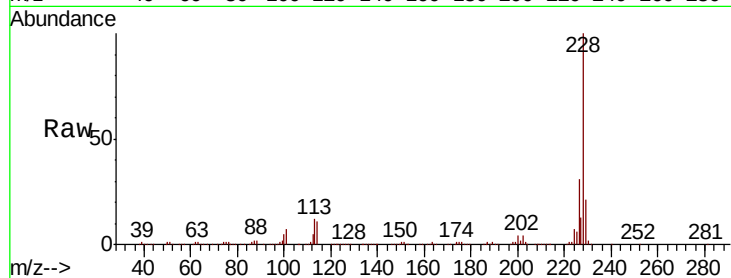
Tot Ion:228 Resp: 1057025

Ion Ratio Lower Upper

228 100

226 31.3 24.6 36.8

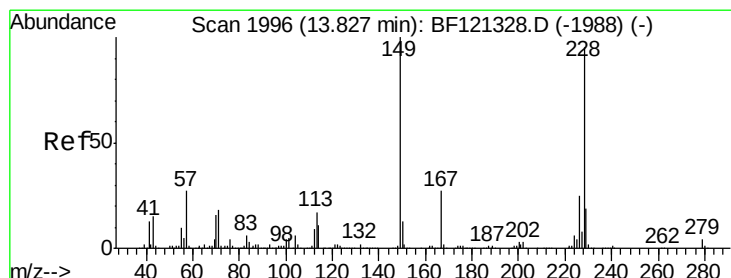
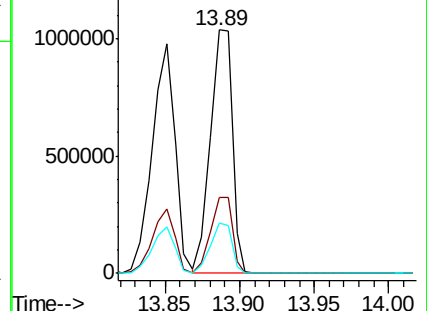
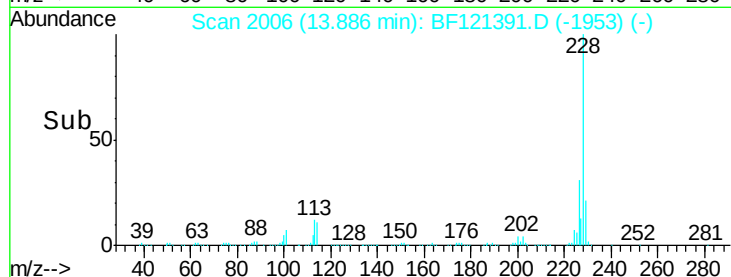
229 20.6 15.9 23.9



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: 38.857 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

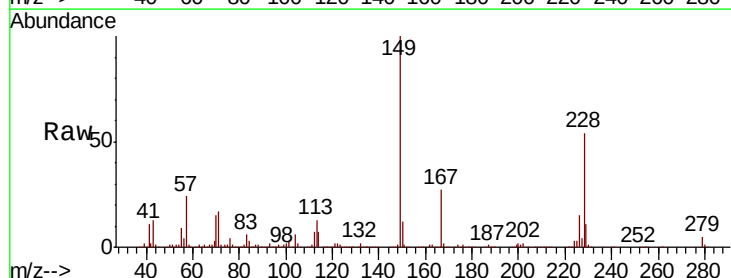
Tgt Ion:149 Resp: 699379

Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

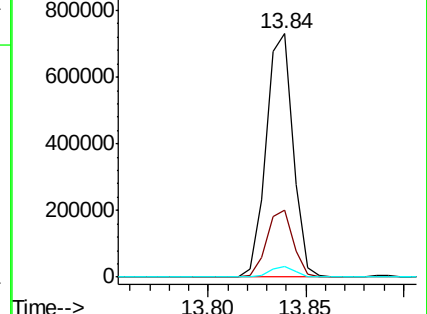
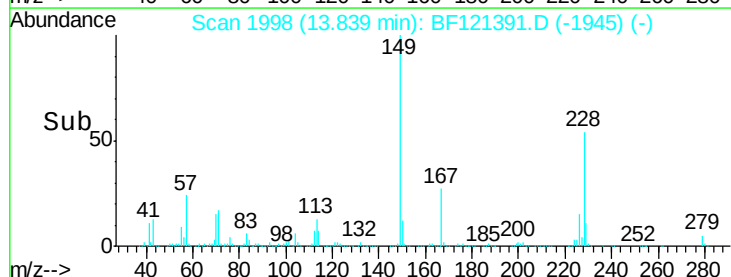
279 4.5 2.9 4.3#

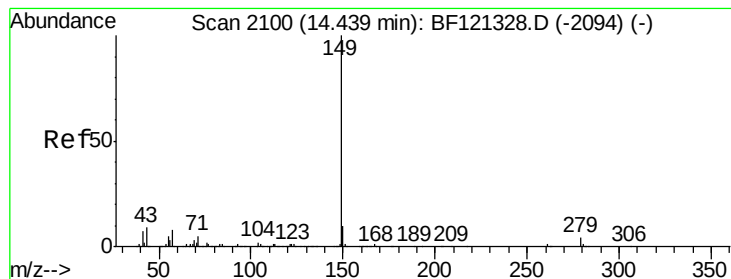


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.910 ng

RT: 14.45 min Scan# 2102

Delta R.T. 0.01 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

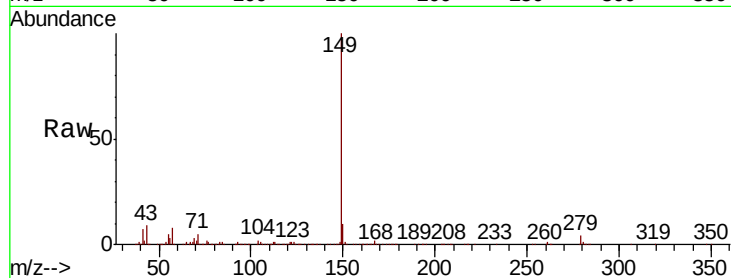
Tot Ion:149 Resp: 1262762

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

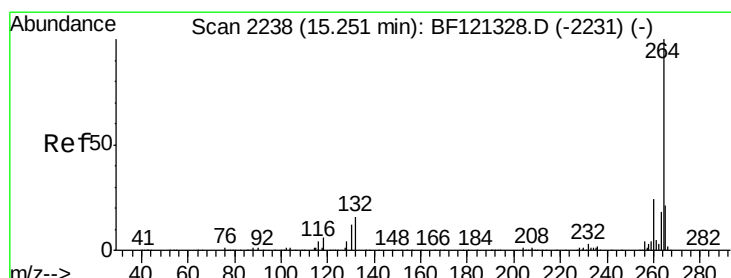
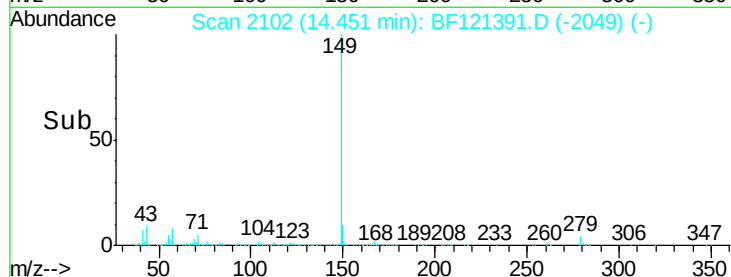
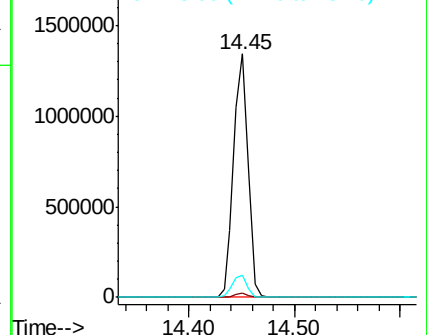
43 9.2 7.1 10.7



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: 15.27 min Scan# 2242

Delta R.T. 0.02 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

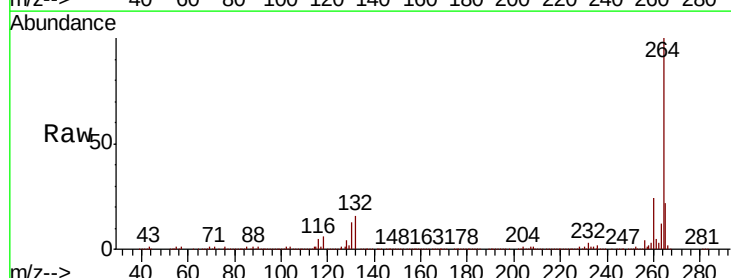
Tgt Ion:264 Resp: 521181

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

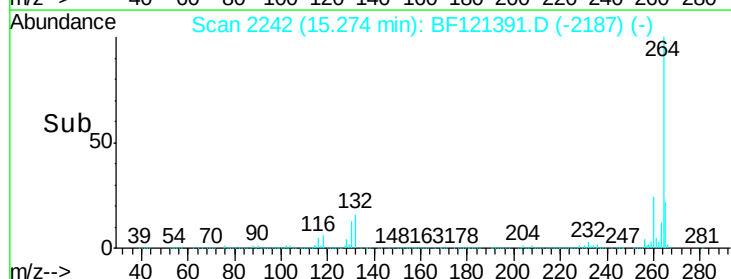
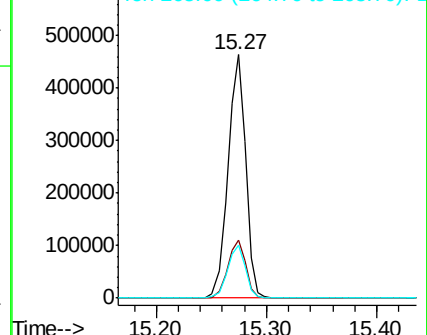
265 21.6 17.1 25.7

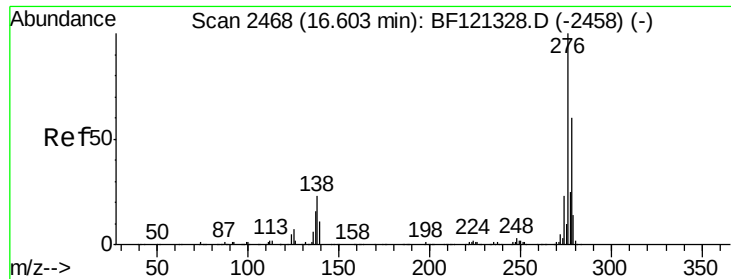


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

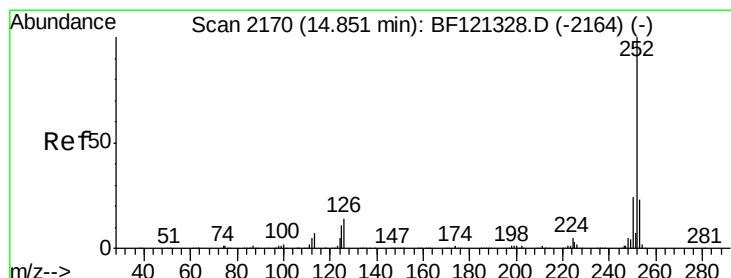
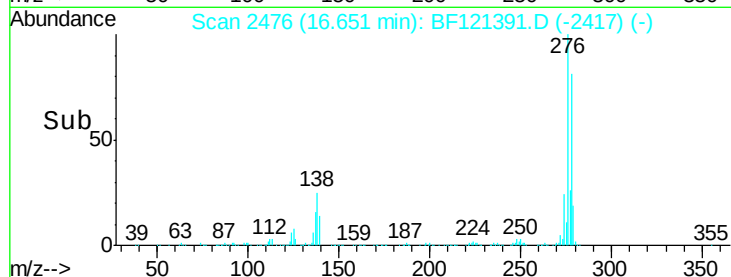
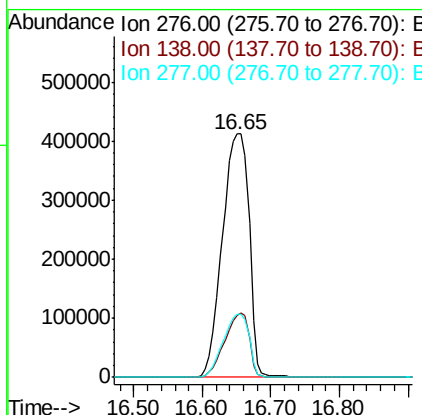
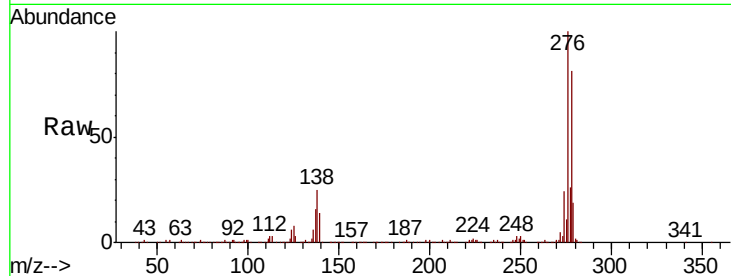




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 34.825 ng
 RT: 16.65 min Scan# 2476
 Delta R.T. 0.05 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

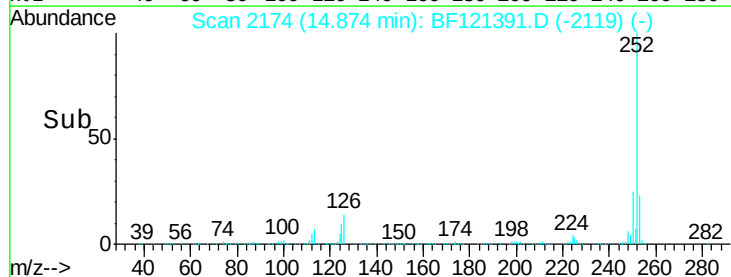
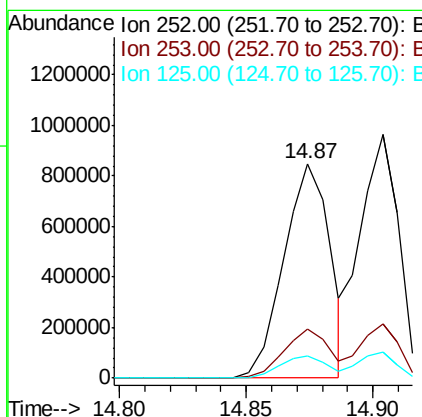
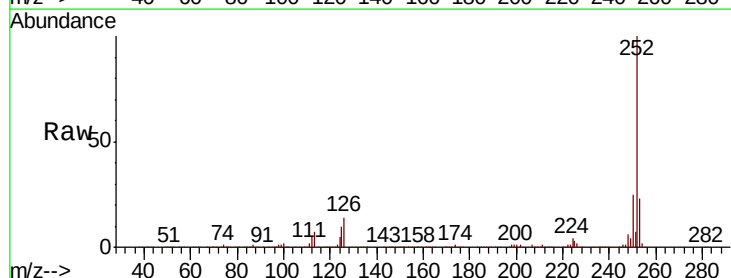
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

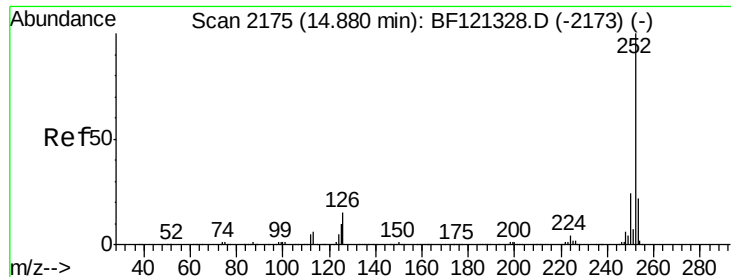
Tot Ion:276 Resp: 1107926
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.4 29.0
 277 25.3 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 31.866 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. 0.02 min
 Lab File: BF121391.D
 Acq: 24 Aug 2020 10:23

Tgt Ion:252 Resp: 1072938
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.4 8.6 12.8

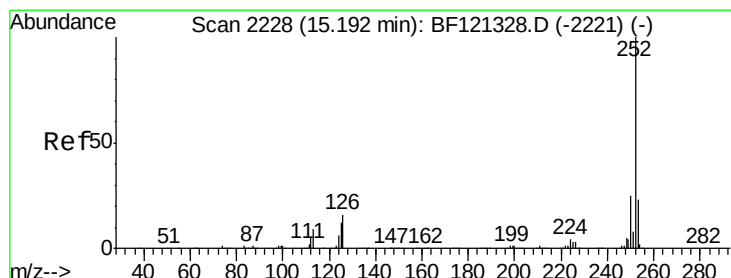
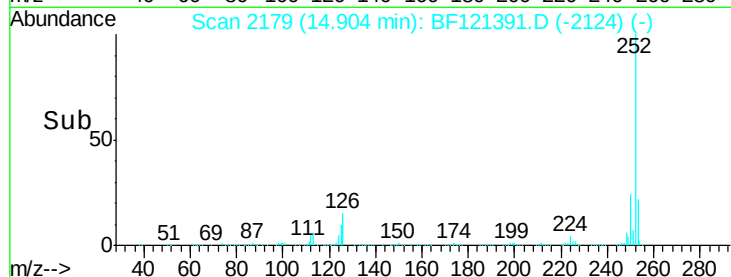
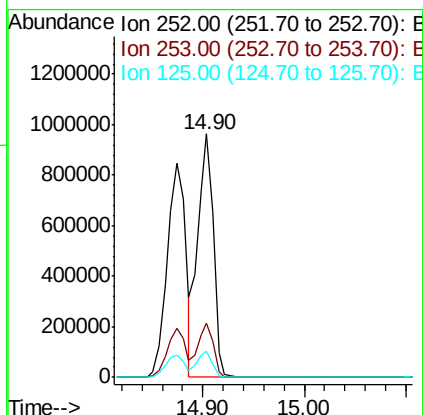
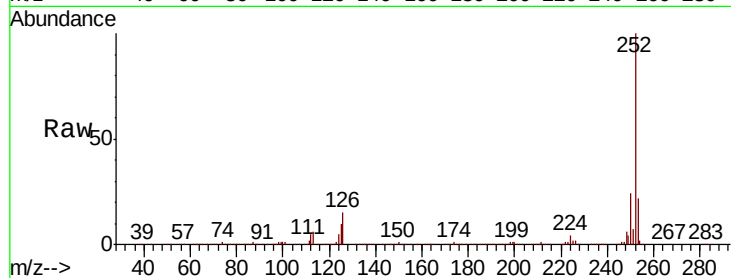




#89
Benzo(k)fluoranthene
Concen: 34.507 ng
RT: 14.90 min Scan# 2179
Delta R.T. 0.02 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

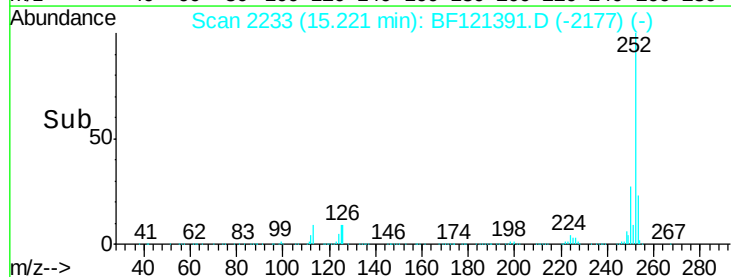
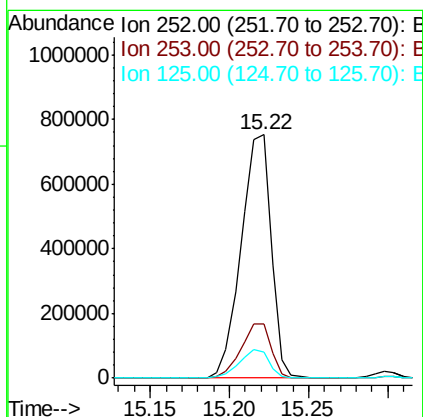
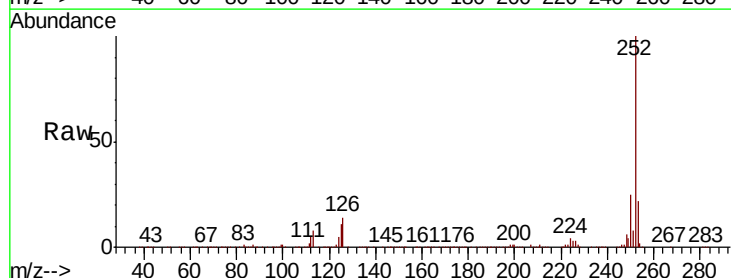
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

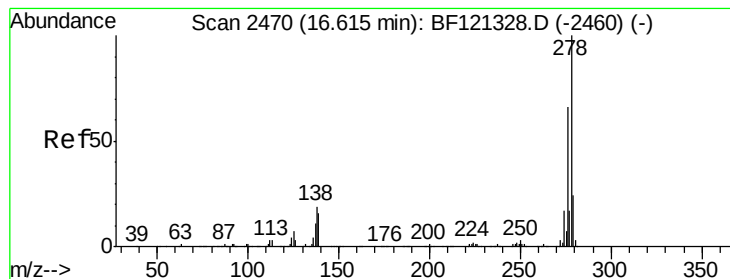
Tot Ion:252 Resp: 1022747
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 10.5 8.6 12.8



#90
Benzo(a)pyrene
Concen: 33.967 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.03 min
Lab File: BF121391.D
Acq: 24 Aug 2020 10:23

Tgt Ion:252 Resp: 988196
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 10.6 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 34.253 ng

RT: 16.66 min Scan# 2478

Delta R.T. 0.05 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

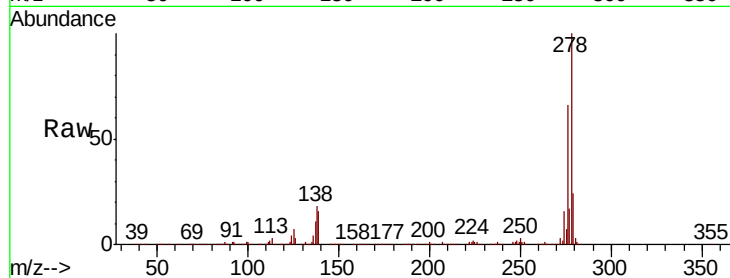
Tot Ion:278 Resp: 893470

Ion Ratio Lower Upper

278 100

139 16.3 13.1 19.7

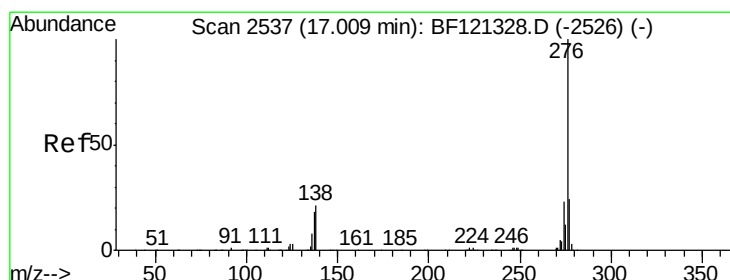
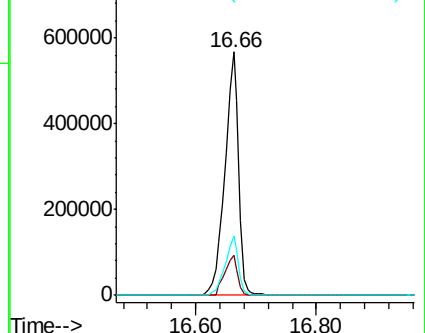
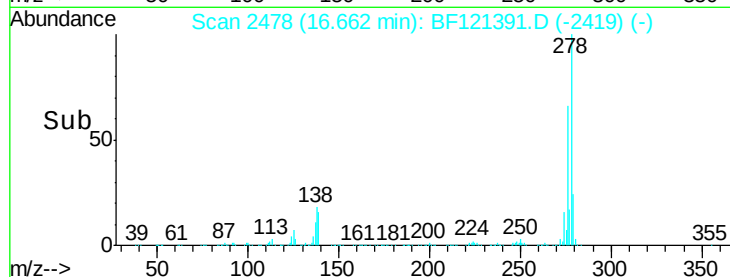
279 24.1 19.4 29.2



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: 35.189 ng

RT: 17.06 min Scan# 2546

Delta R.T. 0.05 min

Lab File: BF121391.D

Acq: 24 Aug 2020 10:23

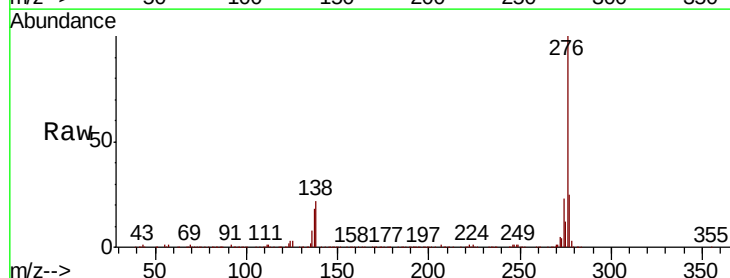
Tgt Ion:276 Resp: 897367

Ion Ratio Lower Upper

276 100

277 24.5 19.3 28.9

138 21.6 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

