

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121293.D
 Acq On : 14 Aug 2020 19:21
 Operator : JU/CG
 Sample : L3681-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Quant Time: Aug 17 00:55:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79391	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	313957	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	165428	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	326632	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	282795	20.00	ng	-0.01
86) Perylene-d12	15.27	264	268674	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	523282	99.93	ng	0.00
7) Phenol-d6	6.35	99	632464	93.72	ng	-0.01
23) Nitrobenzene-d5	7.27	82	408020	71.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	199249	97.83	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	771880	64.54	ng	-0.01
79) Terphenyl-d14	12.81	244	867949	59.83	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	93820	42.100	ng	99
3) Pyridine	3.01	79	222475	38.350	ng	100
4) n-Nitrosodimethylamine	2.95	42	111189	46.800	ng	99
6) Aniline	6.36	93	266540	33.319	ng	# 79
8) 2-Chlorophenol	6.49	128	248660	43.183	ng	99
9) Benzaldehyde	6.25	77	151305	43.509	ng	98
10) Phenol	6.36	94	308295	42.115	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	231921	43.891	ng	96
12) 1,3-Dichlorobenzene	6.65	146	251272	41.298	ng	99
13) 1,4-Dichlorobenzene	6.72	146	260741	42.399	ng	99
14) 1,2-Dichlorobenzene	6.87	146	246459	42.464	ng	100
15) Benzyl Alcohol	6.85	79	192645	42.617	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	327859	43.090	ng	98
17) 2-Methylphenol	6.97	107	193881	42.625	ng	98
18) Hexachloroethane	7.22	117	92720	42.635	ng	98
19) n-Nitroso-di-n-propylamine	7.12	70	151450	40.393	ng	97
20) 3+4-Methylphenols	7.12	107	238377	41.307	ng	94
22) Acetophenone	7.12	105	323873	40.052	ng	100
24) Nitrobenzene	7.29	77	249090	39.961	ng	100
25) Isophorone	7.53	82	451837	39.176	ng	99
26) 2-Nitrophenol	7.61	139	129086	42.741	ng	100
27) 2,4-Dimethylphenol	7.65	122	216382	44.716	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	287445	44.558	ng	99
29) 2,4-Dichlorophenol	7.85	162	203200	41.064	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	216973	39.727	ng	100
31) Naphthalene	8.01	128	689888	39.058	ng	100
32) Benzoic acid	7.77	122	113437	43.158	ng	99
33) 4-Chloroaniline	8.06	127	182669	25.342	ng	98
34) Hexachlorobutadiene	8.13	225	125312	37.922	ng	98
35) Caprolactam	8.43	113	37151	24.926	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	206598	40.922	ng	100
37) 2-Methylnaphthalene	8.70	142	461987	39.747	ng	99
38) 1-Methylnaphthalene	8.80	142	437956	39.795	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	217054	39.158	ng	99

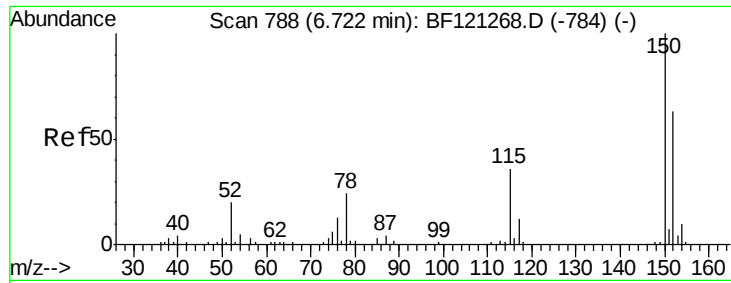
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	159478	71.405	ng	99
43) 2,4,6-Trichlorophenol	8.99	196	145672	41.323	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	159266	41.595	ng	97
46) 1,1'-Biphenyl	9.17	154	572404	40.045	ng	99
47) 2-Chloronaphthalene	9.19	162	430464	39.122	ng	99
48) 2-Nitroaniline	9.29	65	135267	43.736	ng	95
49) Acenaphthylene	9.60	152	703240	40.240	ng	99
50) Dimethylphthalate	9.47	163	575271	46.213	ng	99
51) 2,6-Dinitrotoluene	9.53	165	114534	41.275	ng	98
52) Acenaphthene	9.78	154	406537	39.290	ng	99
53) 3-Nitroaniline	9.70	138	83397	26.322	ng	95
54) 2,4-Dinitrophenol	9.82	184	81695	61.009	ng	96
55) Dibenzofuran	9.95	168	623776	37.856	ng	99
56) 4-Nitrophenol	9.87	139	190418	93.129	ng	100
57) 2,4-Dinitrotoluene	9.94	165	151233	41.529	ng	98
58) Fluorene	10.29	166	469765	37.663	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	135193	44.656	ng	96
60) Diethylphthalate	10.17	149	510415	40.322	ng	99
61) 4-Chlorophenyl-phenylether	10.29	204	232668	38.354	ng	99
62) 4-Nitroaniline	10.32	138	116636	36.717	ng	99
63) Azobenzene	10.45	77	492334	38.925	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	64338	33.797	ng	99
66) n-Nitrosodiphenylamine	10.40	169	439629	39.253	ng	99
67) 4-Bromophenyl-phenylether	10.77	248	151154	39.672	ng	98
68) Hexachlorobenzene	10.84	284	170818	39.317	ng	99
69) Atrazine	10.93	200	122518	36.573	ng	98
70) Pentachlorophenol	11.04	266	190096	96.824	ng	99
71) Phenanthrene	11.25	178	740936	39.651	ng	100
72) Anthracene	11.30	178	764594	40.774	ng	100
73) Carbazole	11.46	167	707713	38.590	ng	100
74) Di-n-butylphthalate	11.79	149	866982	41.883	ng	100
75) Fluoranthene	12.44	202	868331	41.732	ng	99
77) Benzidine	12.56	184	496738	66.817	ng	99
78) Pyrene	12.66	202	895265	42.512	ng	99
80) Butylbenzylphthalate	13.29	149	389017	45.223	ng	99
81) Benzo(a)anthracene	13.85	228	749502	39.076	ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	253946	33.370	ng	97
83) Chrysene	13.89	228	788368	40.258	ng	100
84) Bis(2-ethylhexyl)phthalate	13.85	149	486934	41.069	ng	98
85) Di-n-octyl phthalate	14.46	149	974402	44.823	ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	755092	37.801	ng	99
88) Benzo(b)fluoranthene	14.87	252	752308	41.790	ng	99
89) Benzo(k)fluoranthene	14.90	252	721185	43.140	ng	99
90) Benzo(a)pyrene	15.22	252	653706	40.232	ng	100
91) Dibenzo(a,h)anthracene	16.66	278	624304	36.474	ng	99
92) Benzo(g,h,i)perylene	17.05	276	646825	38.294	ng	98

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

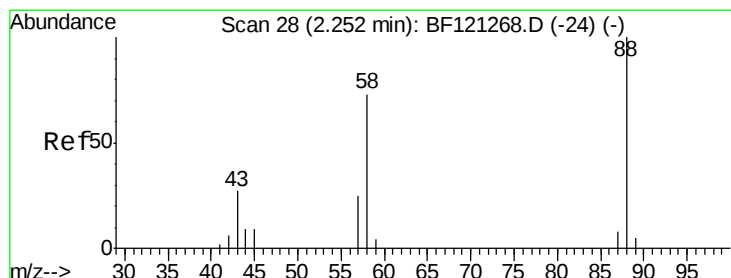
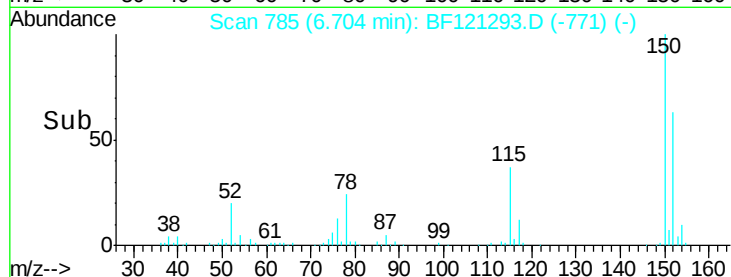
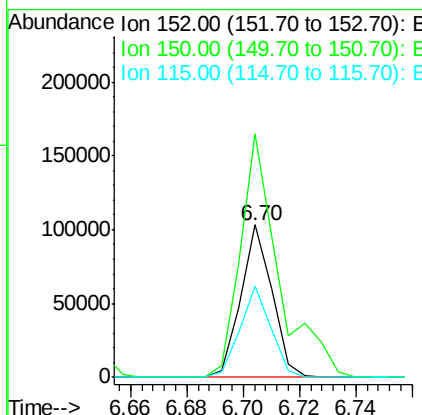
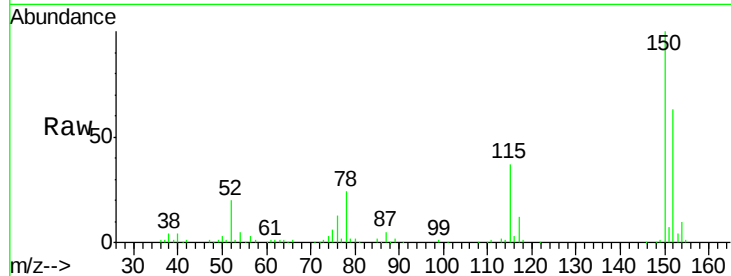


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.02 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

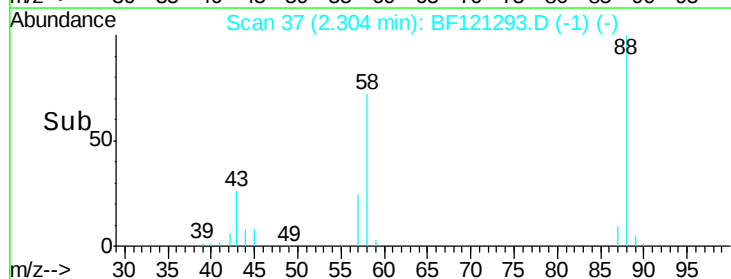
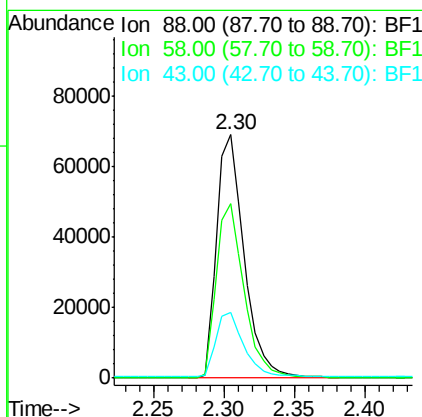
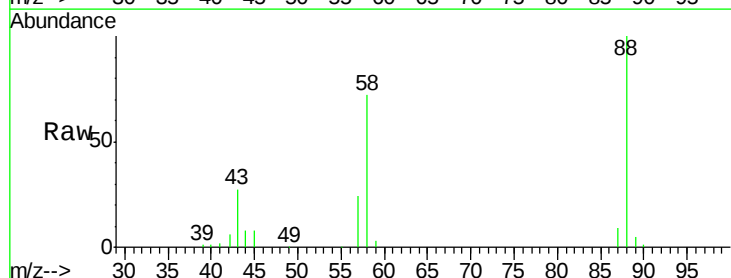
Tot Ion:152 Resp: 79391
 Ion Ratio Lower Upper
 152 100
 150 159.6 129.0 193.6
 115 59.7 49.0 73.4

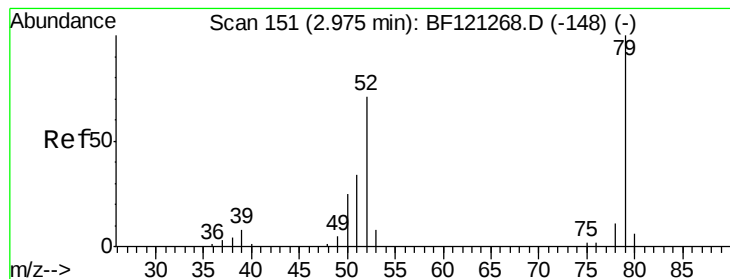


#2

1,4-Dioxane
 Concen: 42.100 ng
 RT: 2.30 min Scan# 37
 Delta R.T. 0.05 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion: 88 Resp: 93820
 Ion Ratio Lower Upper
 88 100
 58 72.3 58.6 87.8
 43 27.6 21.8 32.8





#3

Pvridine

Concen: 38.350 ng

RT: 3.01 min Scan# 157

Delta R.T. 0.04 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

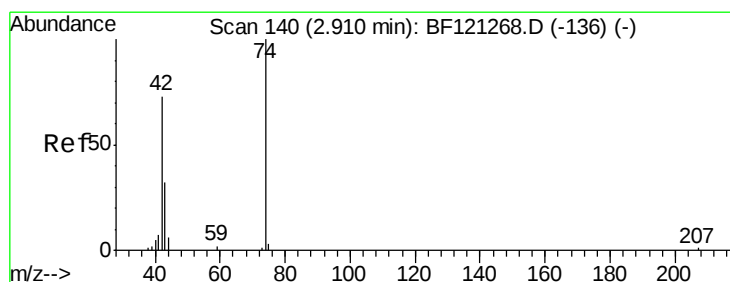
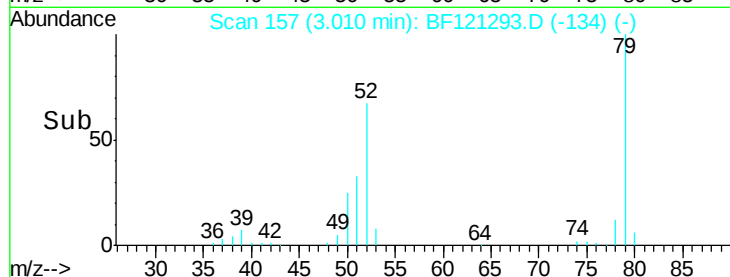
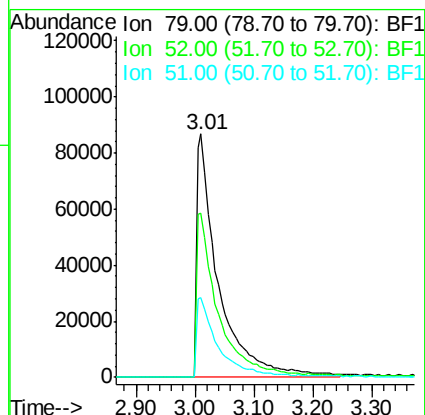
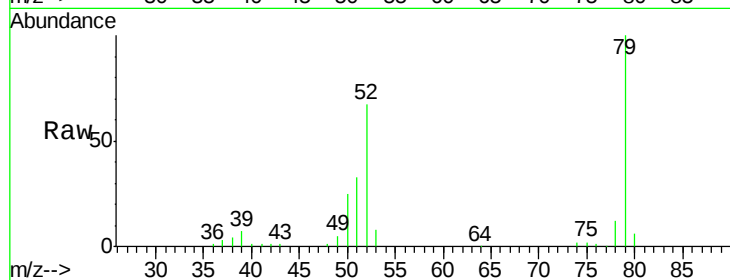
Tot Ion: 79 Resp: 222475

Ion Ratio Lower Upper

79 100

52 67.5 53.8 80.8

51 32.6 26.0 39.0



#4

n-Nitrosodimethylamine

Concen: 46.800 ng

RT: 2.95 min Scan# 147

Delta R.T. 0.04 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

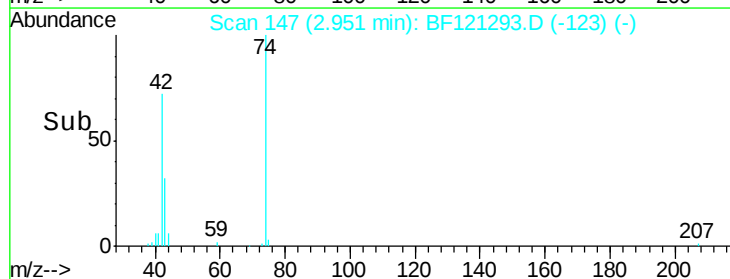
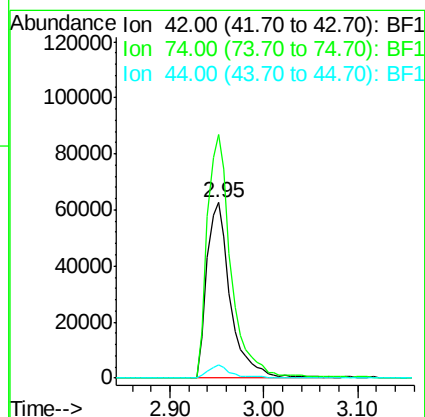
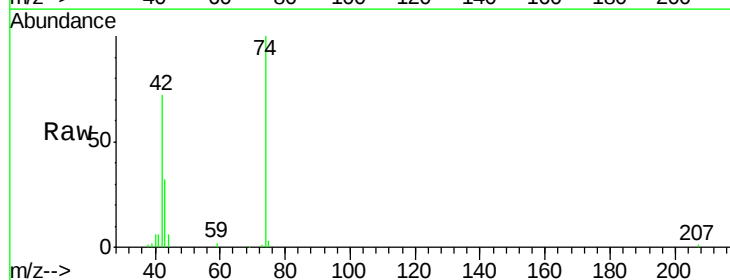
Tgt Ion: 42 Resp: 111189

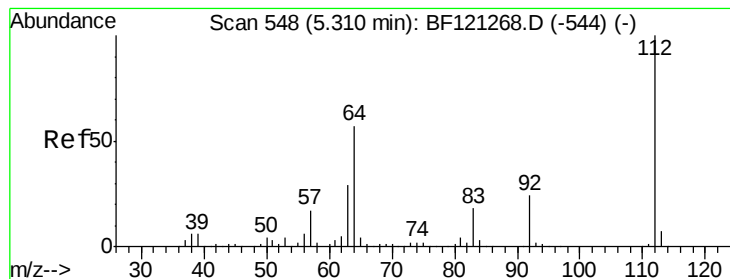
Ion Ratio Lower Upper

42 100

74 138.9 111.8 167.8

44 7.8 5.7 8.5

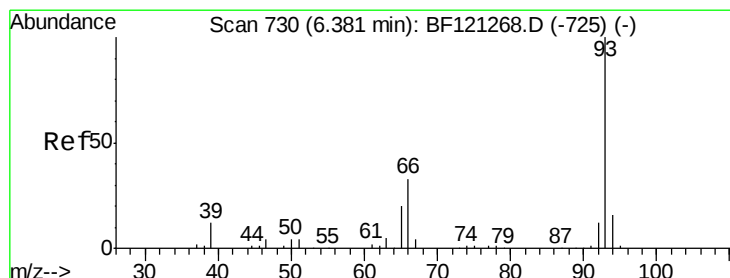
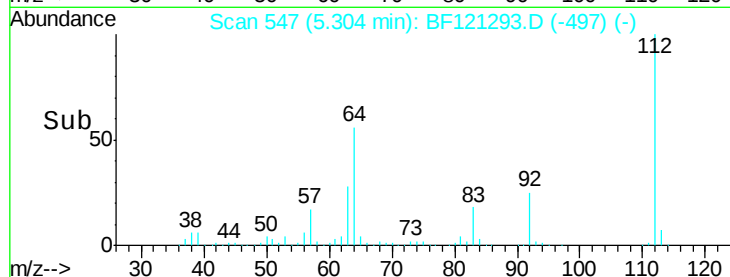
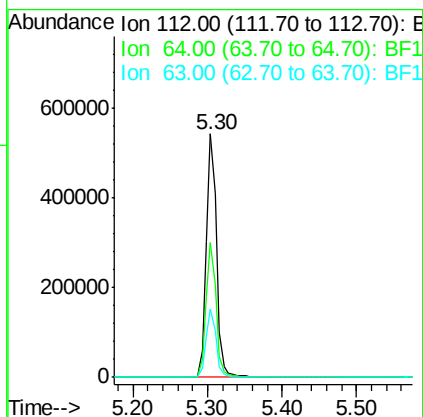
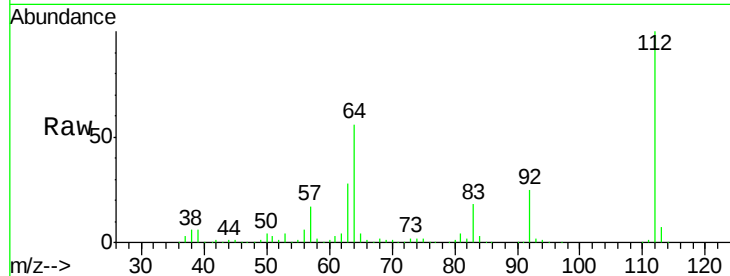




#5
 2-Fluorophenol
 Concen: 99.927 ng
 RT: 5.30 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

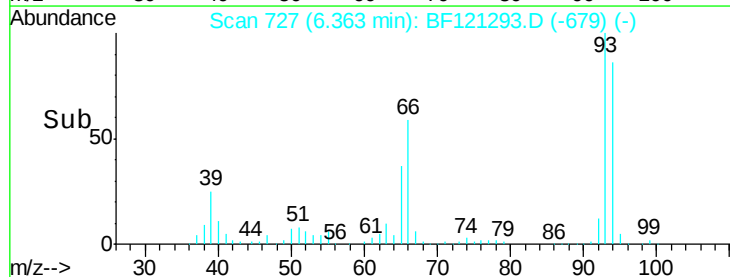
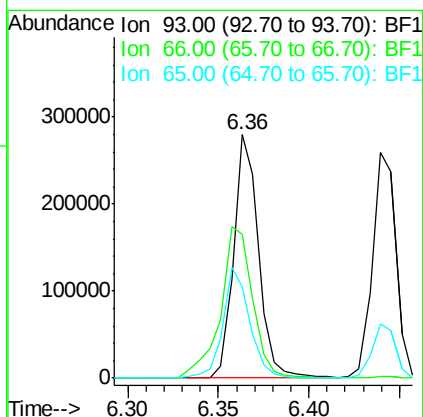
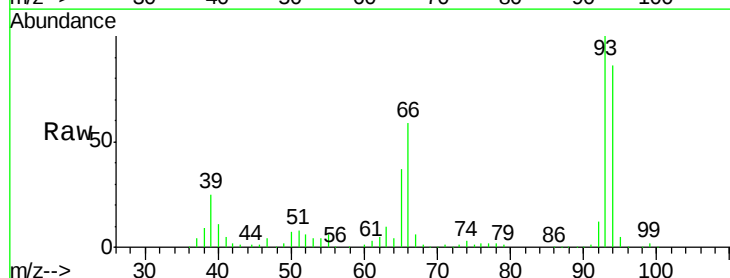
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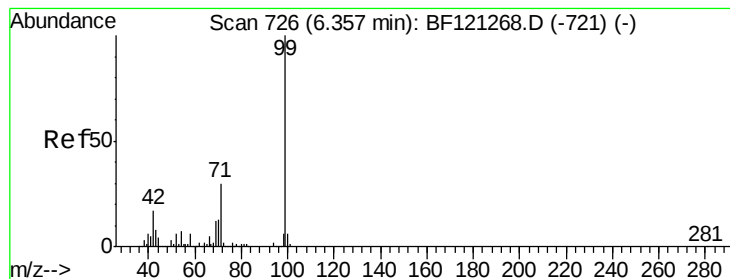
Tot Ion: 112 Resp: 523282
 Ion Ratio Lower Upper
 112 100
 64 55.6 45.4 68.2
 63 28.2 23.0 34.6



#6
 Aniline
 Concen: 33.319 ng
 RT: 6.36 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion: 93 Resp: 266540
 Ion Ratio Lower Upper
 93 100
 66 58.9 36.2 54.4#
 65 37.5 20.7 31.1#





#7

Phenol-d6

Concen: 93.724 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

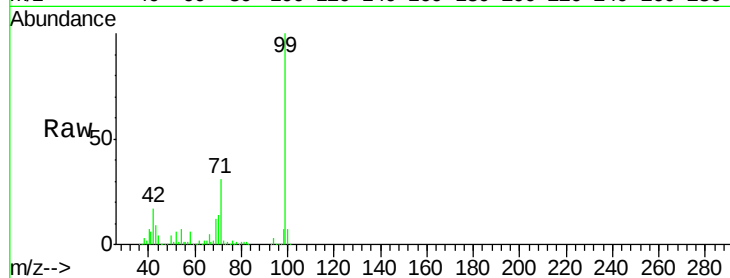
Tot Ion: 99 Resp: 632464

Ion Ratio Lower Upper

99 100

42 16.9 13.1 19.7

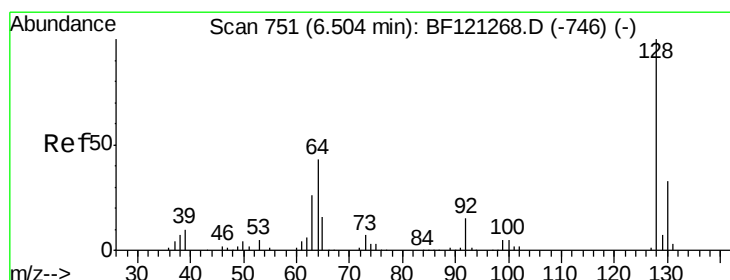
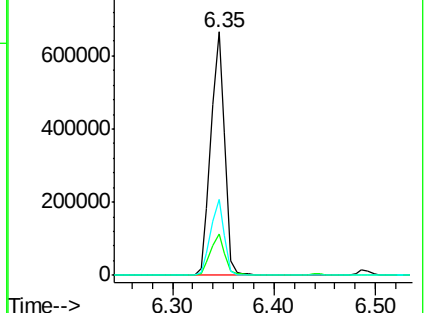
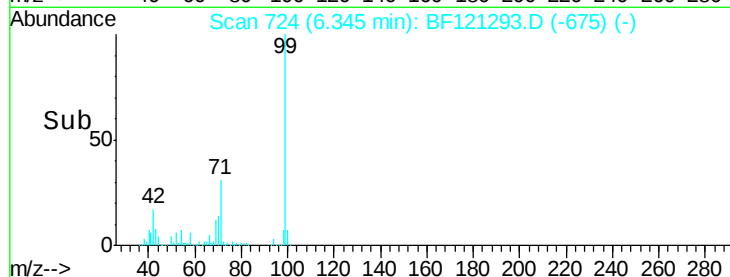
71 31.2 23.7 35.5



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: 43.183 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

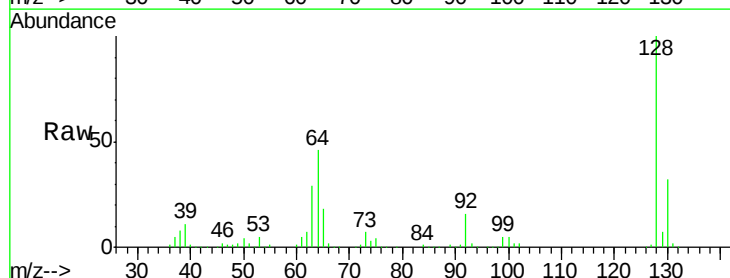
Tgt Ion: 128 Resp: 248660

Ion Ratio Lower Upper

128 100

130 31.7 12.5 52.5

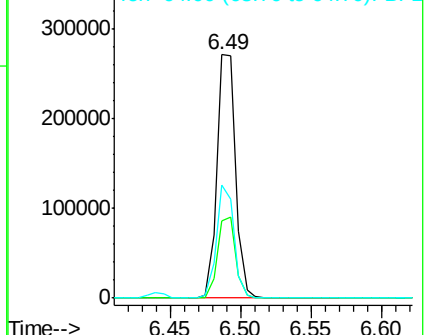
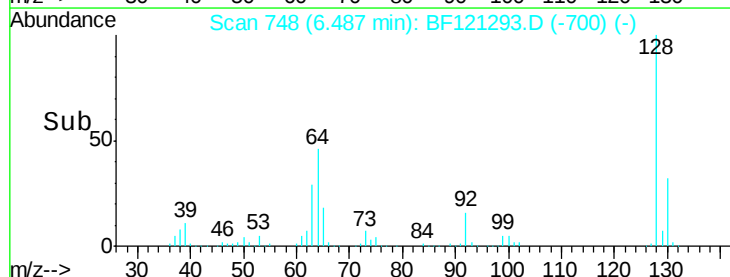
64 46.2 26.3 66.3

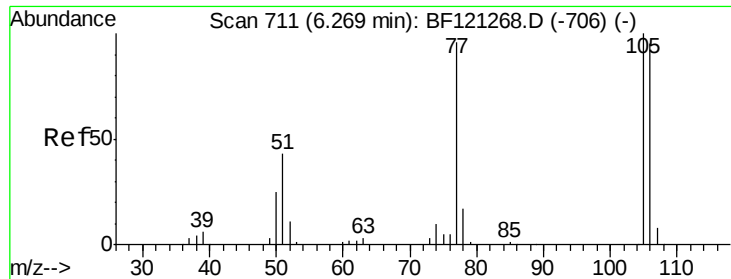


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

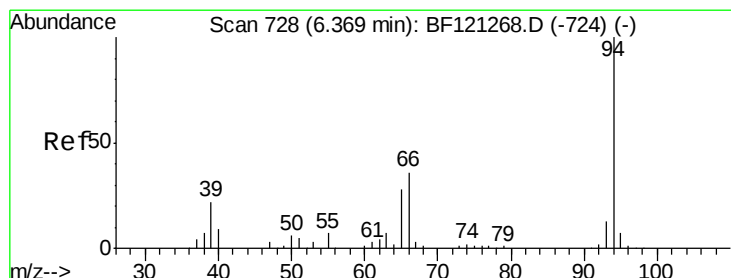
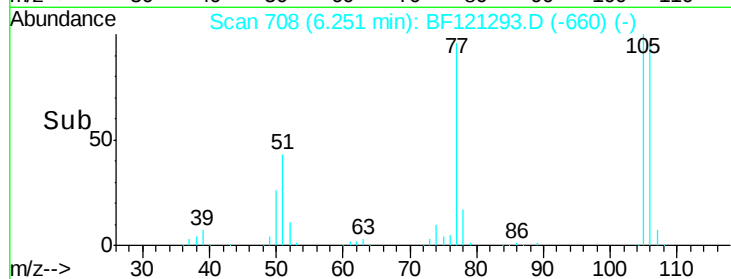
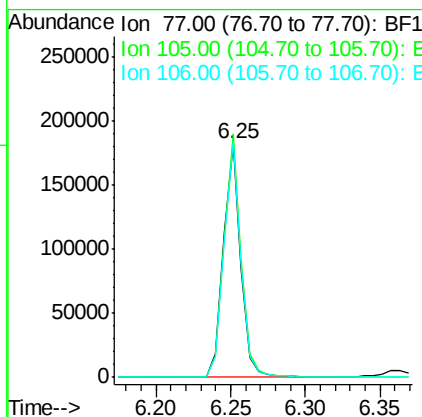
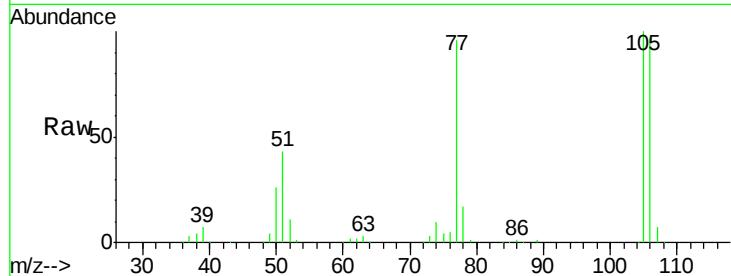




#9
Benzaldehyde
Concen: 43.509 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

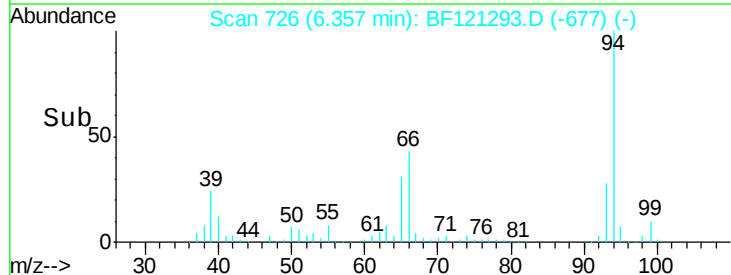
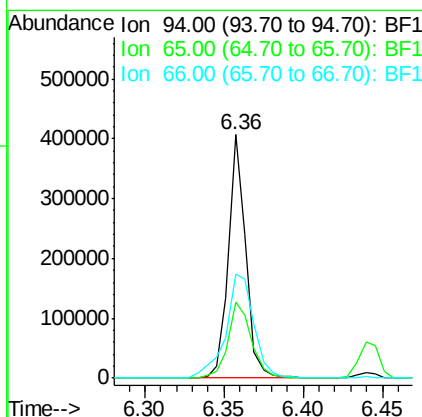
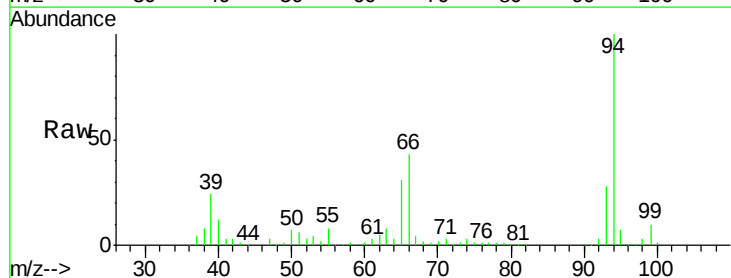
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BNA_F
ClientSampleId :
TP-6-4-9FTMS

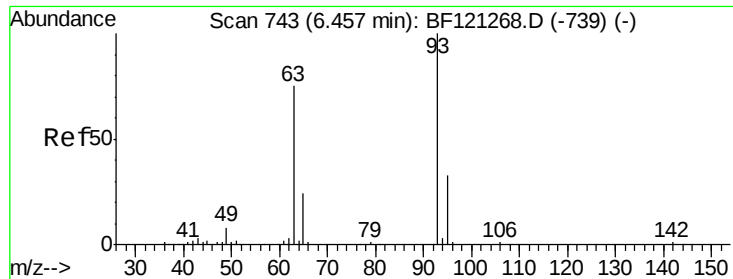
Tot Ion: 77 Resp: 151305
Ion Ratio Lower Upper
77 100
105 104.1 80.8 120.8
106 100.9 79.4 119.4



#10
Phenol
Concen: 42.115 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion: 94 Resp: 308295
Ion Ratio Lower Upper
94 100
65 31.1 13.0 53.0
66 42.9 26.1 66.1

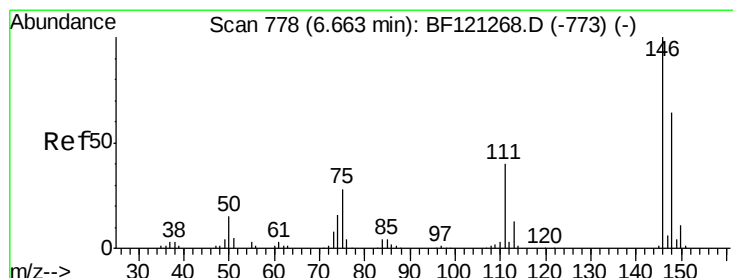
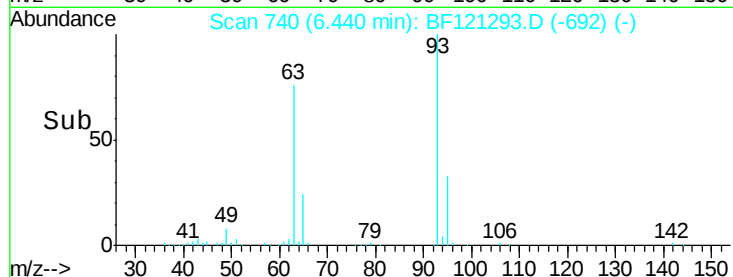
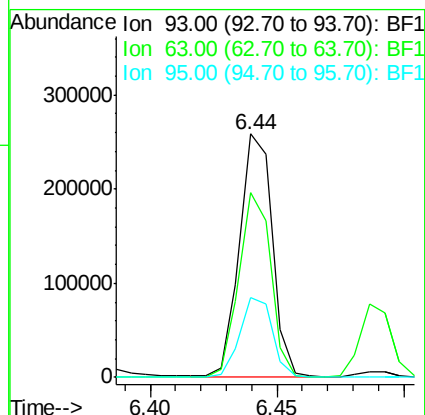
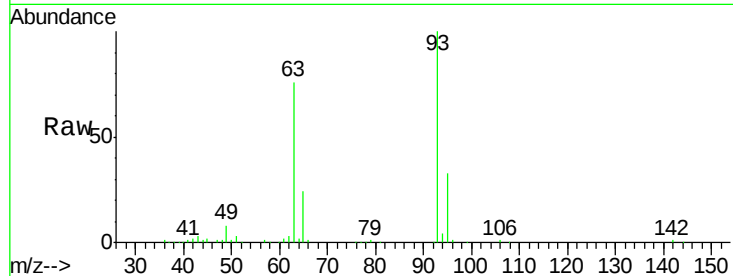




#11
bis(2-Chloroethyl)ether
Concen: 43.891 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

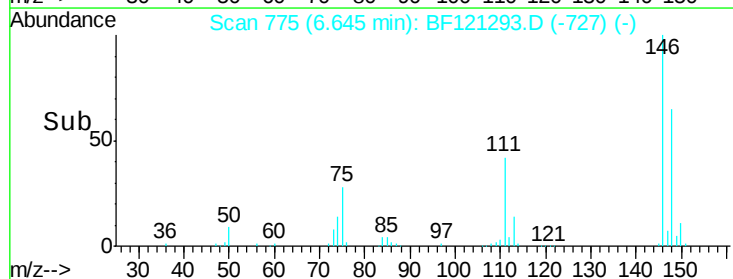
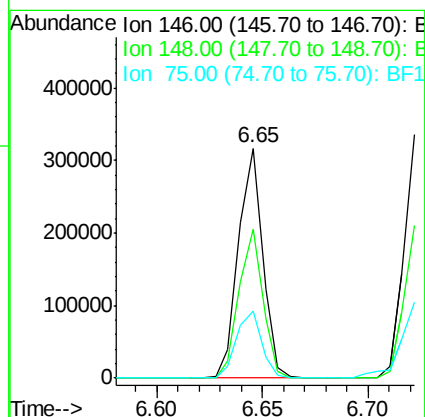
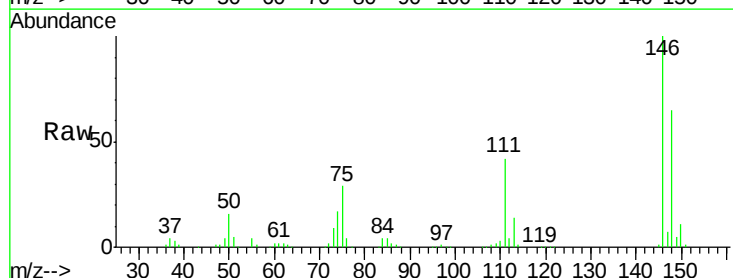
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

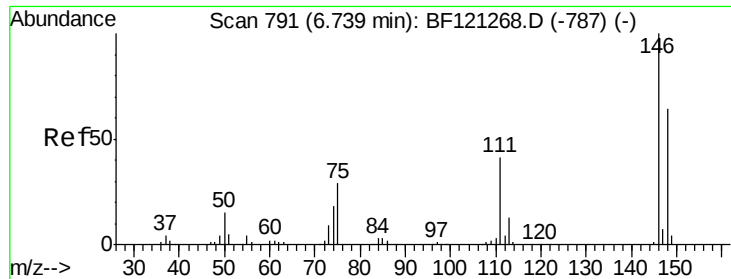
Tot Ion: 93 Resp: 231921
Ion Ratio Lower Upper
93 100
63 76.0 51.2 91.2
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 41.298 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion: 146 Resp: 251272
Ion Ratio Lower Upper
146 100
148 64.9 51.3 76.9
75 29.4 22.5 33.7

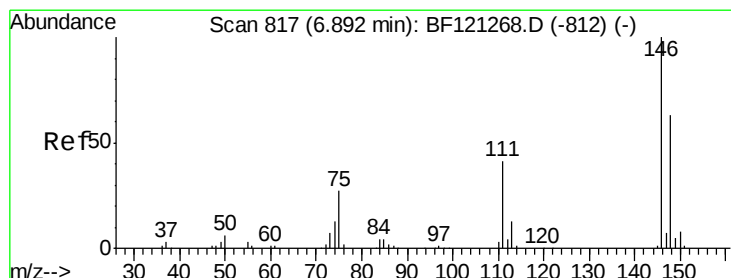
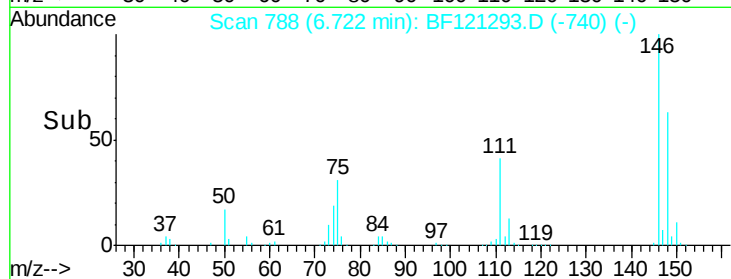
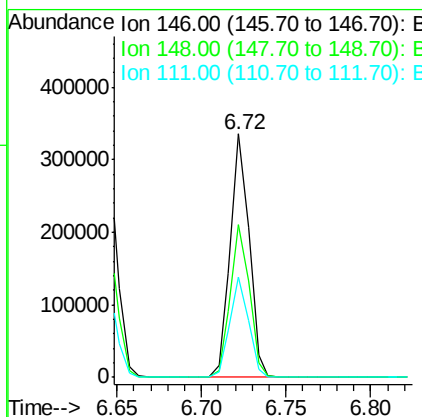
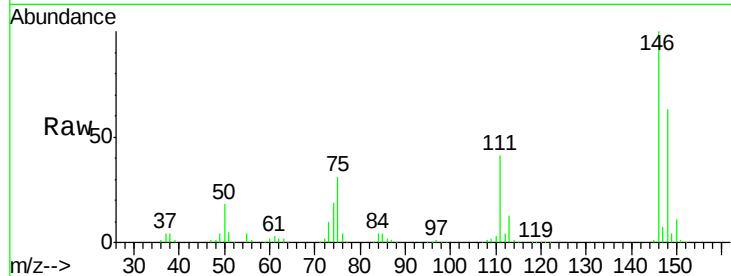




#13
 1,4-Dichlorobenzene
 Concen: 42.399 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

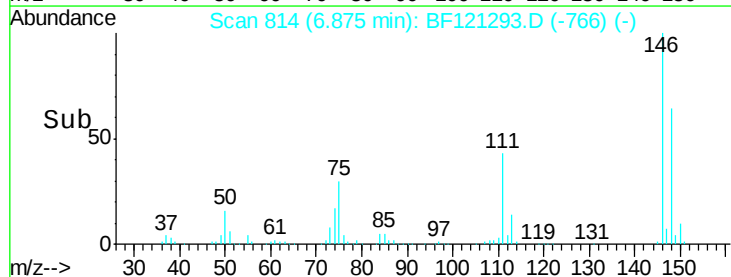
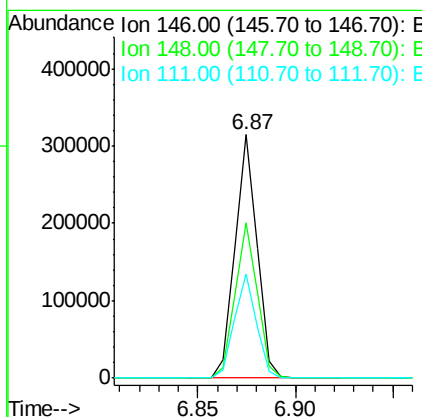
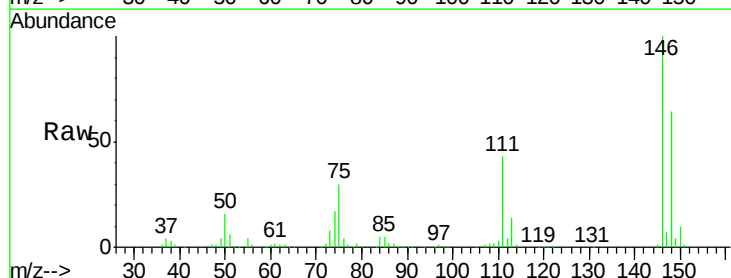
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

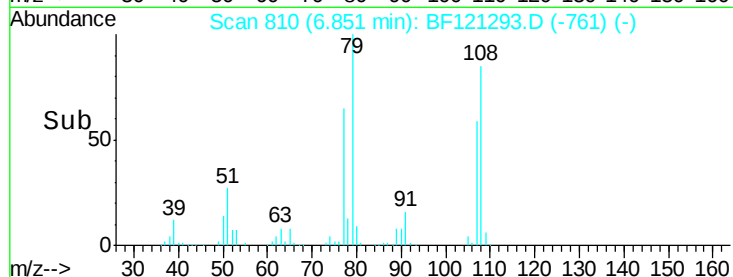
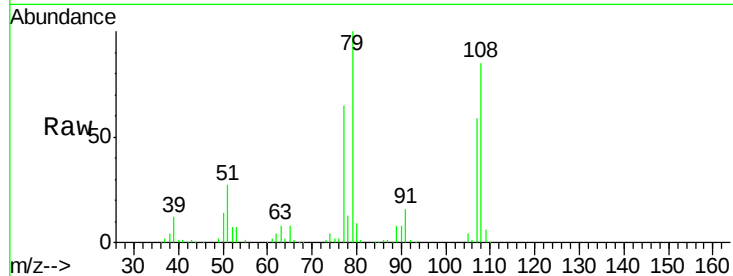
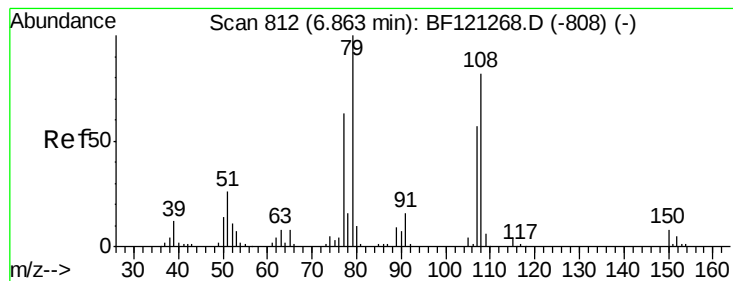
Tot Ion:146 Resp: 260741
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.9 76.3
 111 41.1 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 42.464 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:146 Resp: 246459
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.8 76.2
 111 42.6 34.2 51.4





#15

Benzyl Alcohol

Concen: 42.617 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

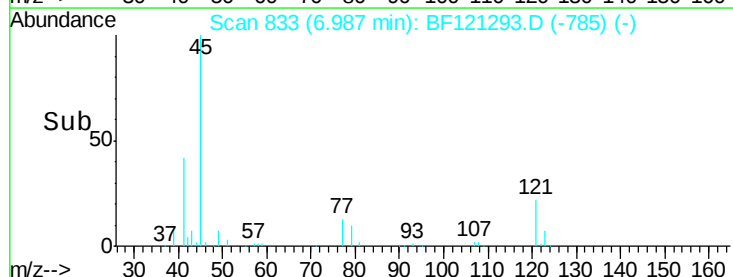
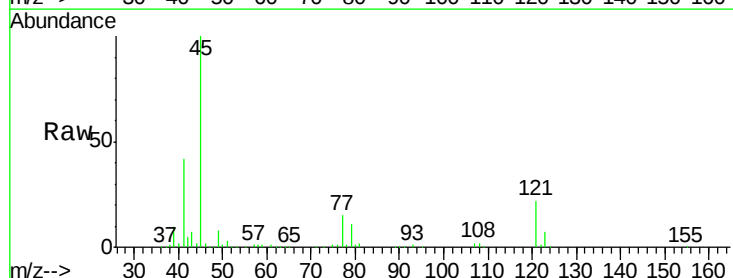
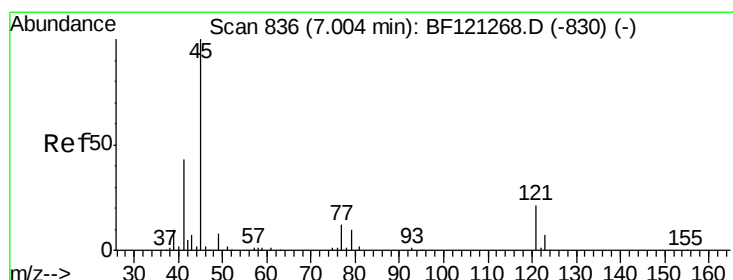
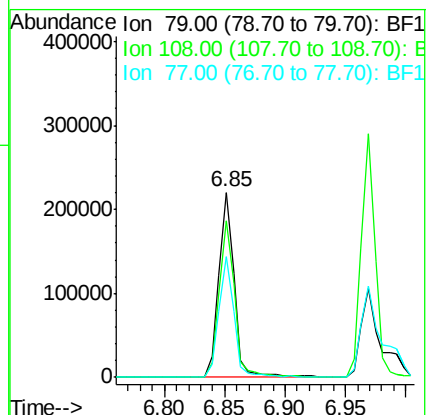
Tot Ion: 79 Resp: 192645

Ion Ratio Lower Upper

79 100

108 84.9 67.4 101.0

77 65.3 51.3 76.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.090 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

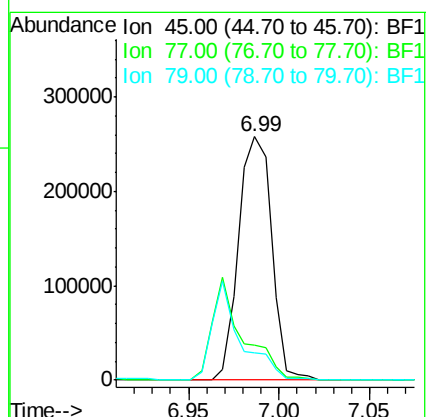
Tgt Ion: 45 Resp: 327859

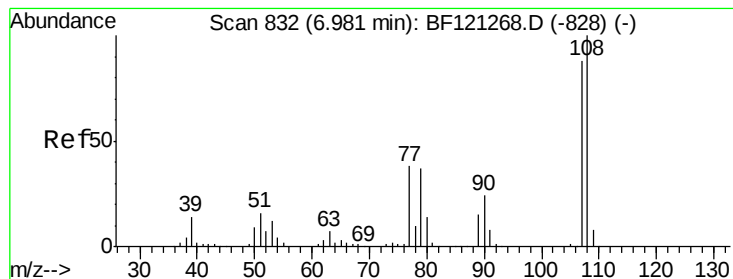
Ion Ratio Lower Upper

45 100

77 14.5 0.0 35.1

79 11.2 0.0 32.0

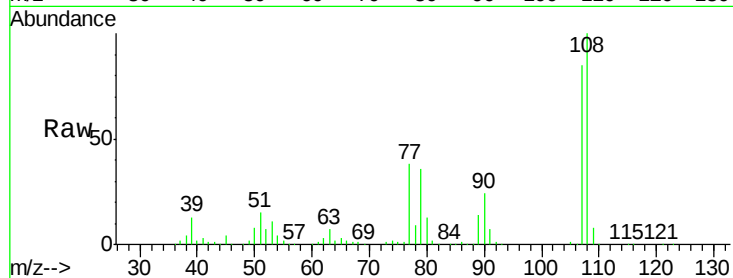




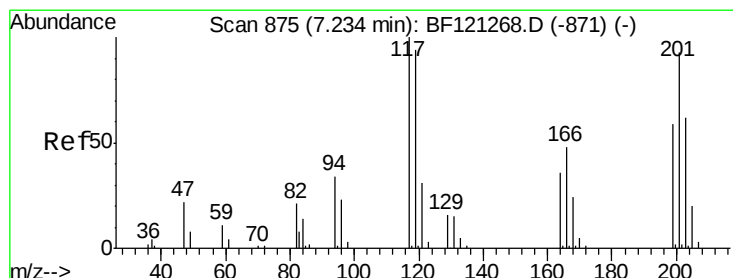
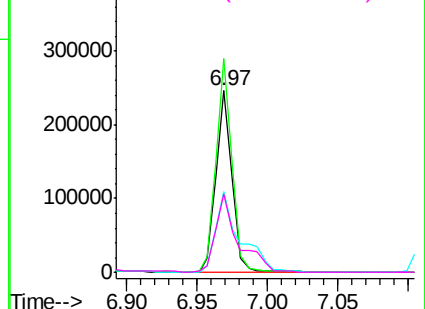
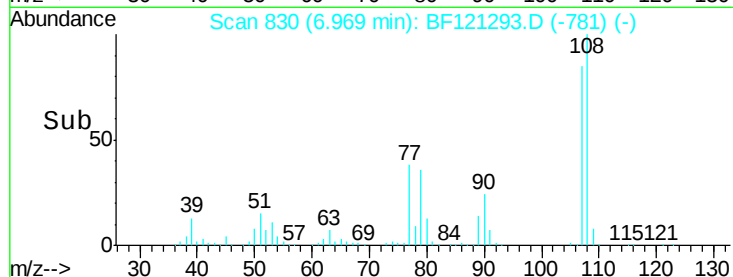
#17
2-Methylphenol
Concen: 42.625 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

Tot Ion:	107	Resp:	193881
Ion	Ratio	Lower	Upper
107	100		
108	117.8	92.6	138.8
77	44.5	35.0	52.6
79	42.8	33.4	50.2

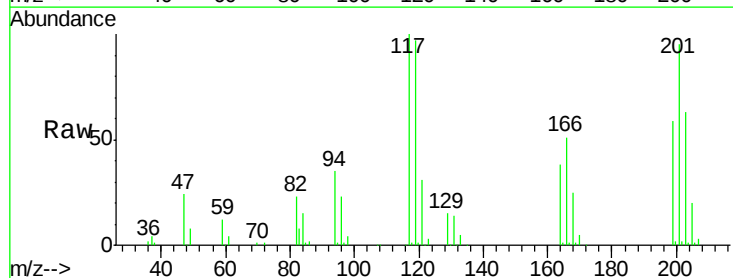


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

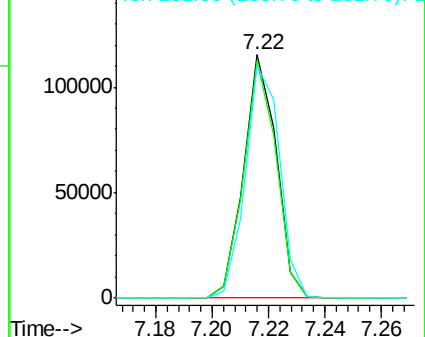
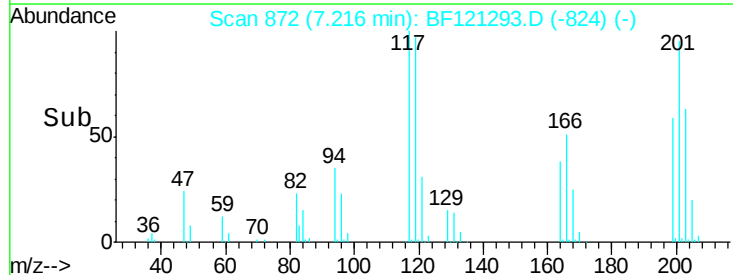


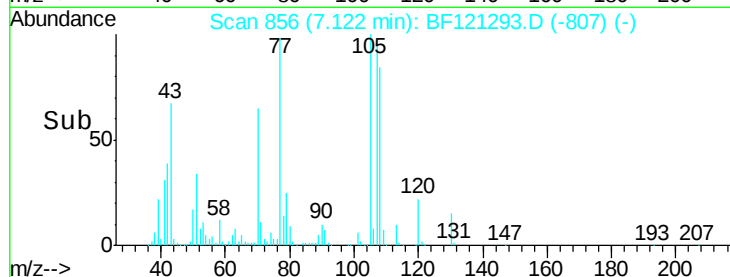
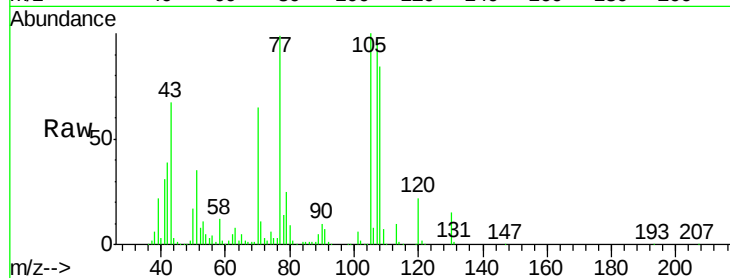
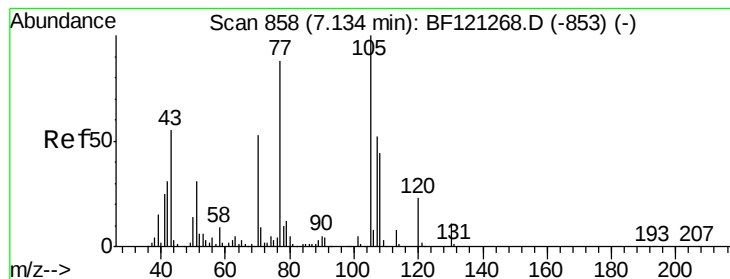
#18
Hexachloroethane
Concen: 42.635 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:	117	Resp:	92720
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.2	114.2
201	95.2	74.8	112.2



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.393 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

Tot Ion: 70 Resp: 151450

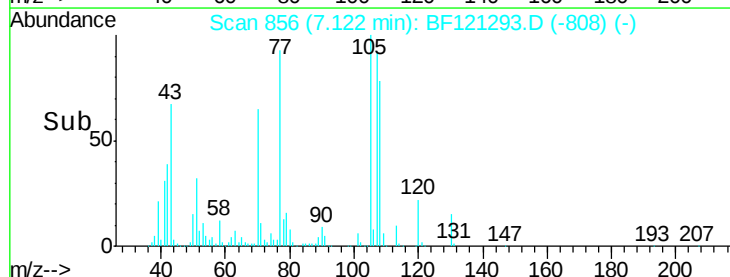
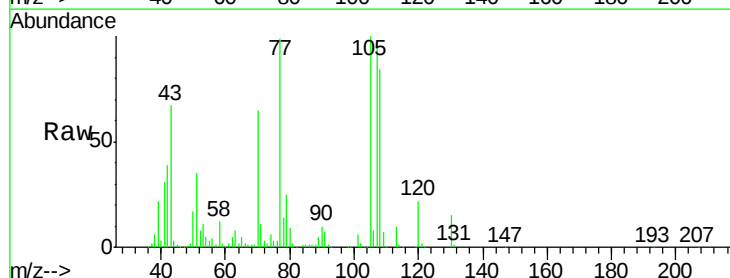
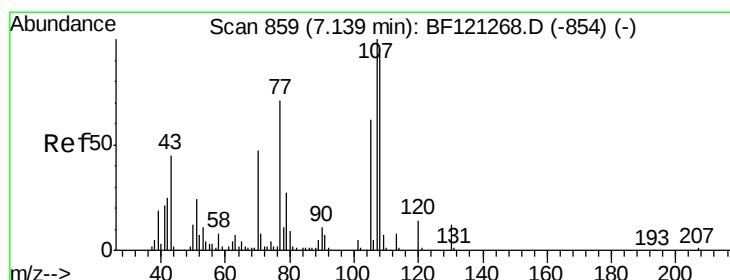
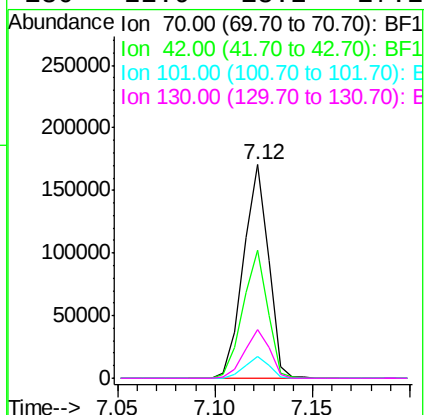
Ion Ratio Lower Upper

70 100

42 60.0 45.6 68.4

101 9.9 7.8 11.8

130 22.9 18.2 27.2



#20

3+4-Methylphenols

Concen: 41.307 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Tgt Ion:107 Resp: 238377

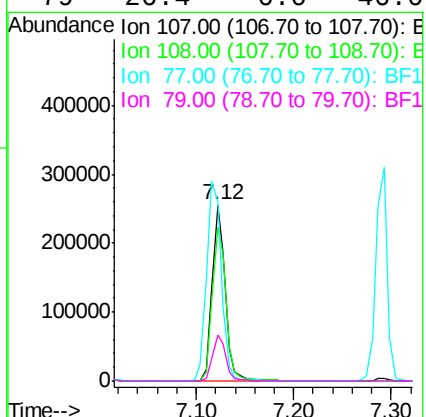
Ion Ratio Lower Upper

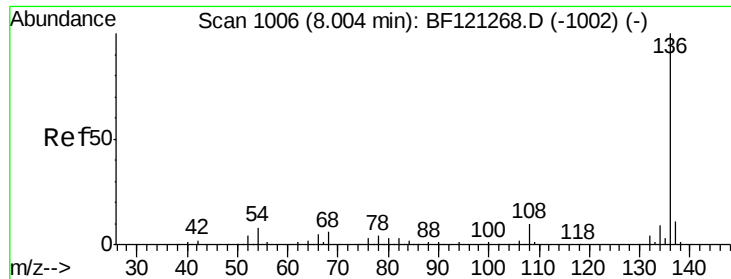
107 100

108 87.3 66.5 106.5

77 102.0 94.4 134.4

79 26.4 6.0 46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

Tot Ion:136 Resp: 313957

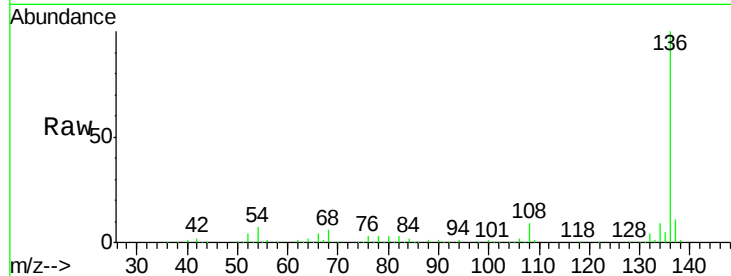
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.5 5.3 7.9

68 5.6 4.2 6.2

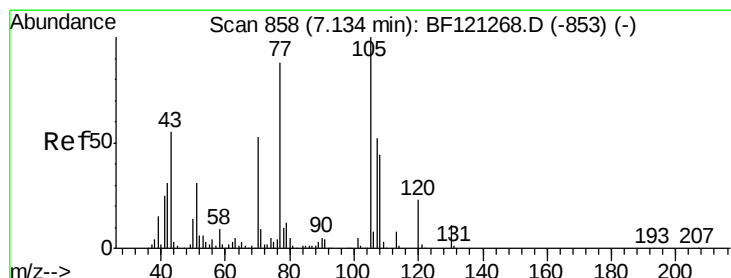
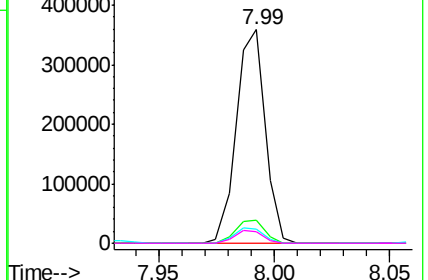
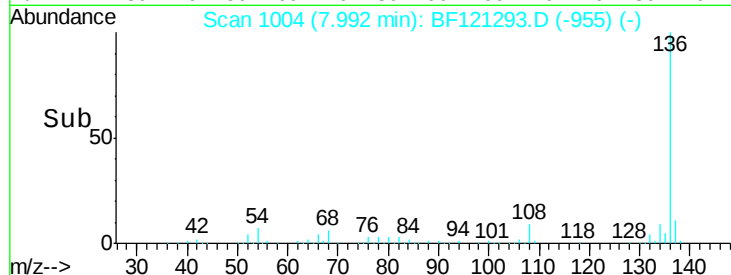


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.052 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Tgt Ion:105 Resp: 323873

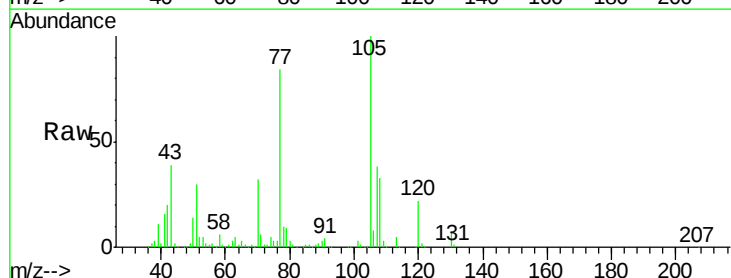
Ion Ratio Lower Upper

105 100

71 5.6 4.6 7.0

51 30.4 24.2 36.2

120 22.2 17.8 26.6

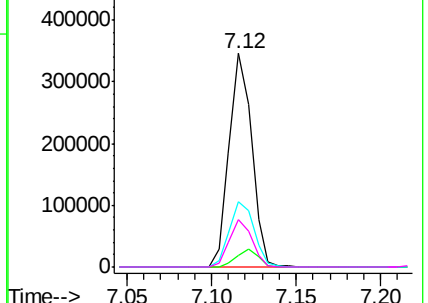
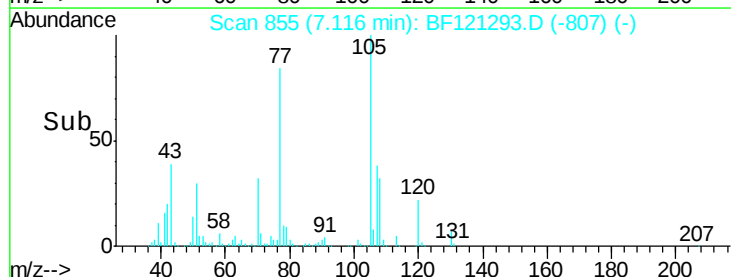


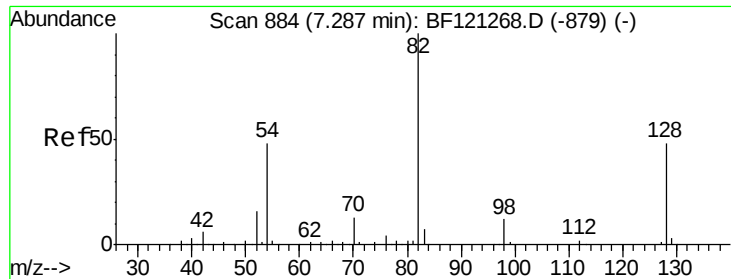
Abundance Ion 105.00 (104.70 to 105.70): E

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

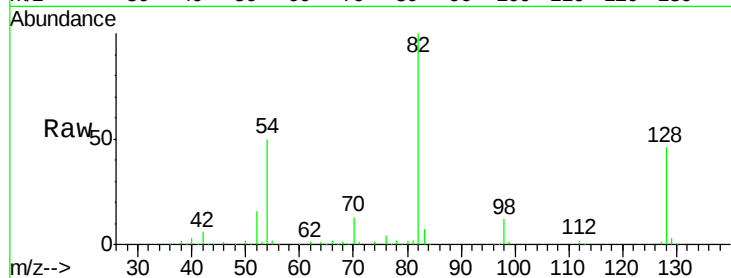




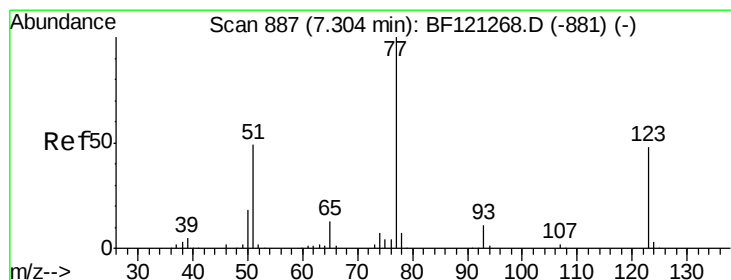
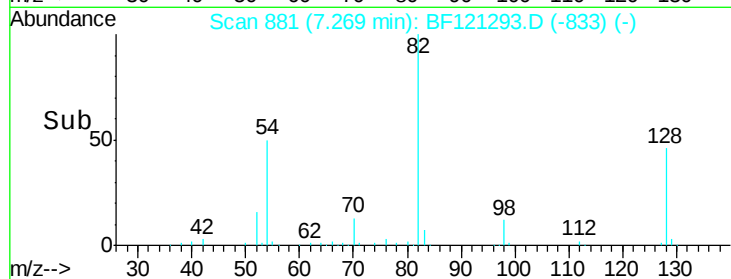
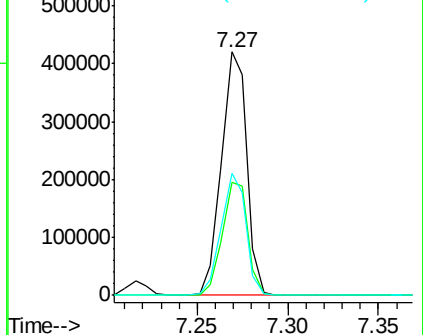
#23
 Nitrobenzene-d5
 Concen: 71.027 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Tot Ion: 82 Resp: 408020
 Ion Ratio Lower Upper
 82 100
 128 46.4 39.8 59.8
 54 50.1 37.7 56.5

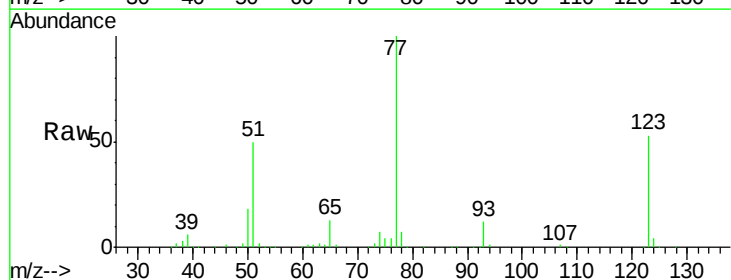


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

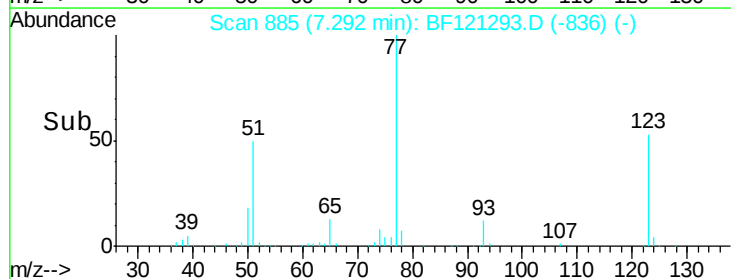
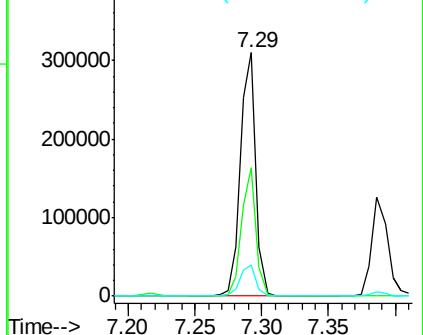


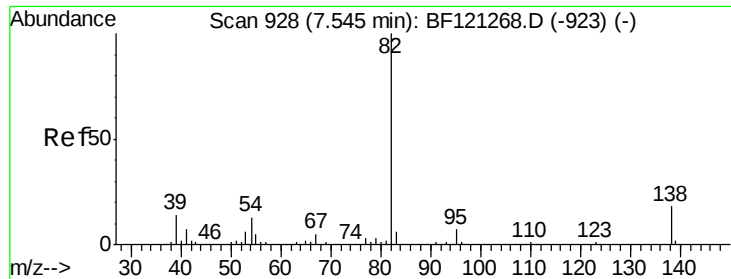
#24
 Nitrobenzene
 Concen: 39.961 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion: 77 Resp: 249090
 Ion Ratio Lower Upper
 77 100
 123 52.7 42.0 63.0
 65 13.0 10.4 15.6



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: 39.176 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

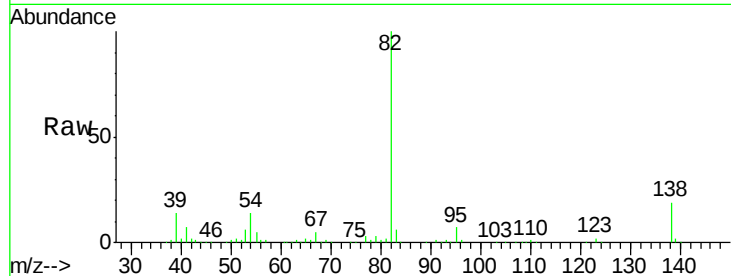
Tot Ion: 82 Resp: 451837

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

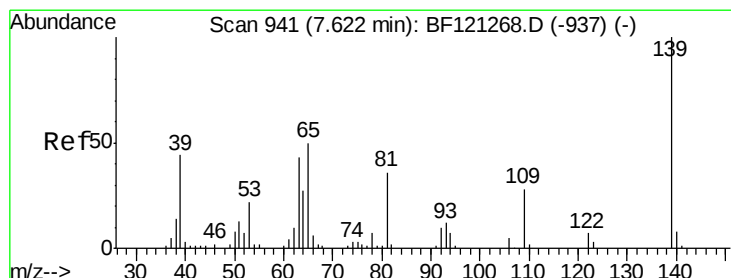
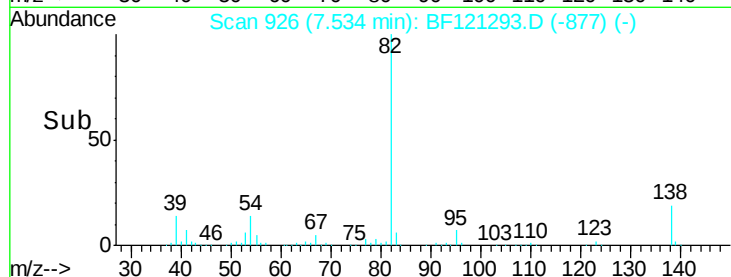
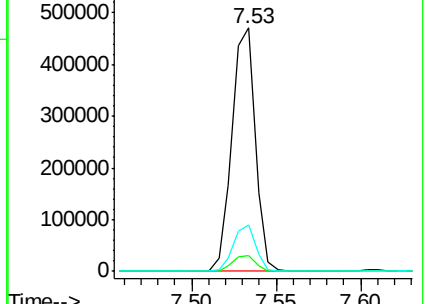
138 19.3 16.0 24.0



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: 42.741 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

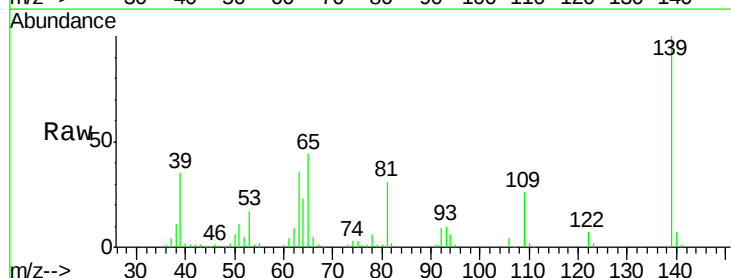
Tgt Ion: 139 Resp: 129086

Ion Ratio Lower Upper

139 100

109 25.8 20.6 31.0

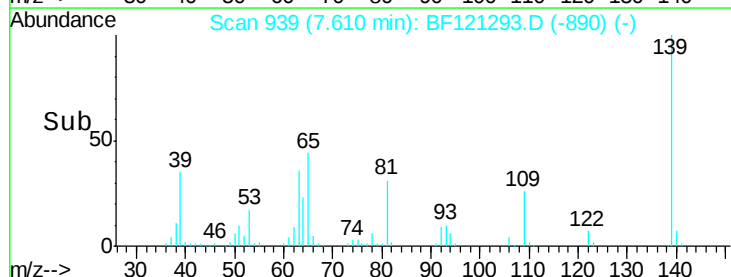
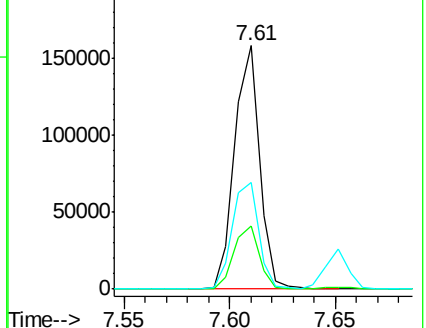
65 43.6 35.1 52.7

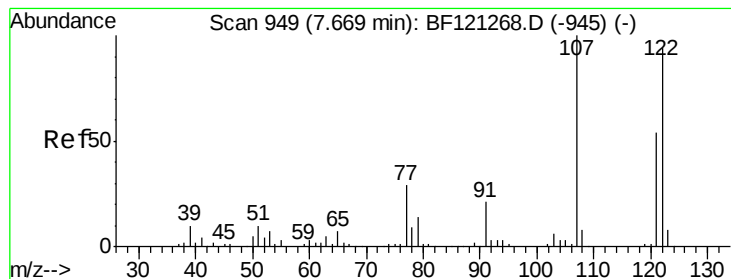


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.716 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

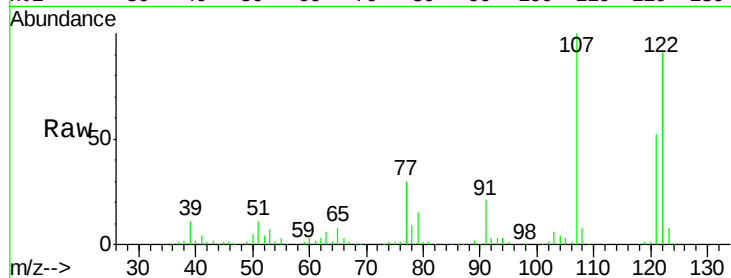
Tot Ion:122 Resp: 216382

Ion Ratio Lower Upper

122 100

107 109.9 89.0 133.4

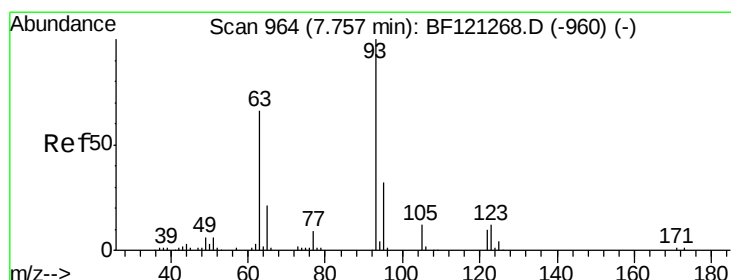
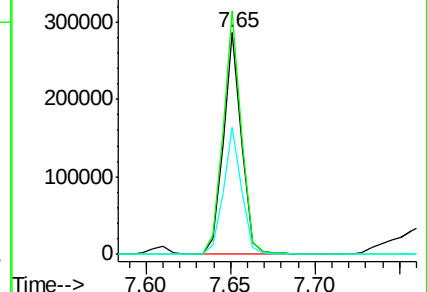
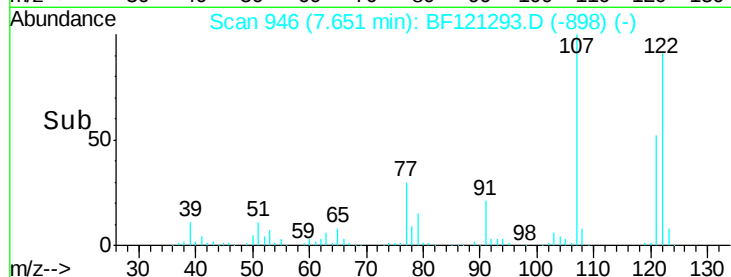
121 57.5 46.1 69.1



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: 44.558 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

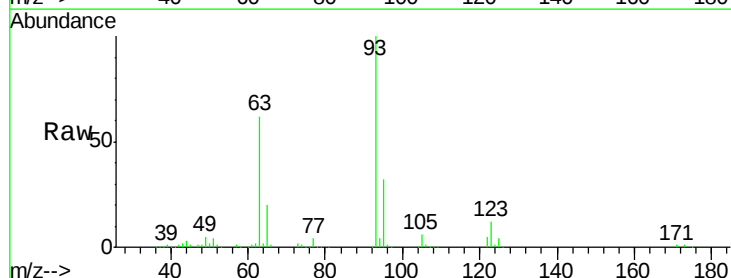
Tgt Ion: 93 Resp: 287445

Ion Ratio Lower Upper

93 100

95 32.1 26.0 39.0

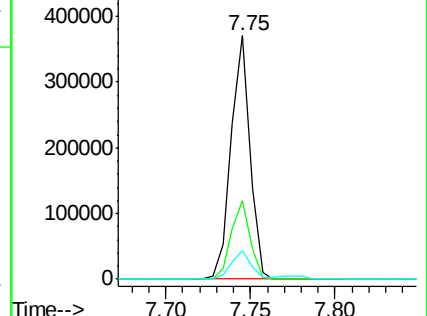
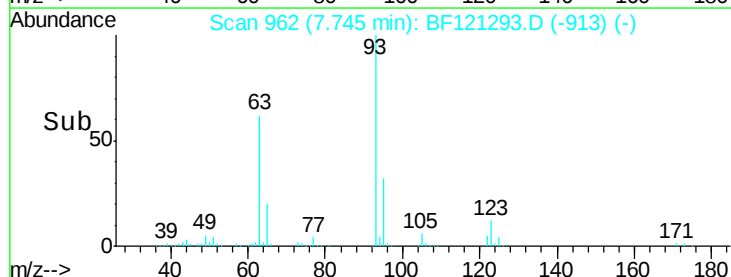
123 11.7 9.6 14.4

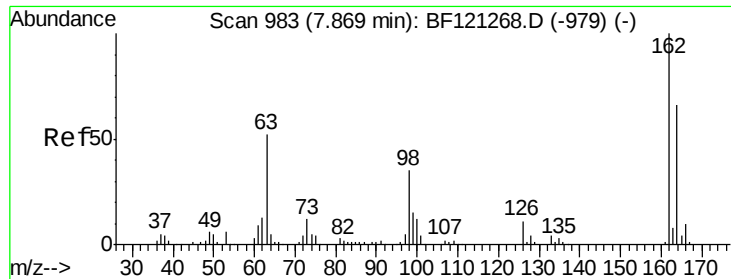


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

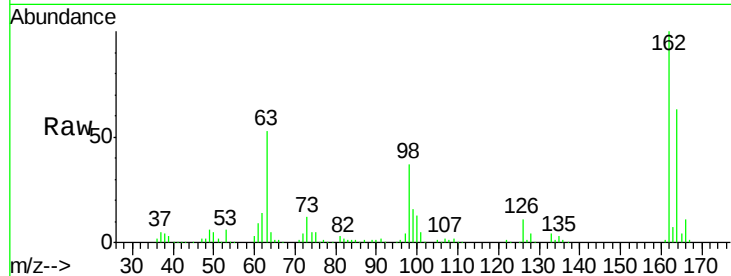




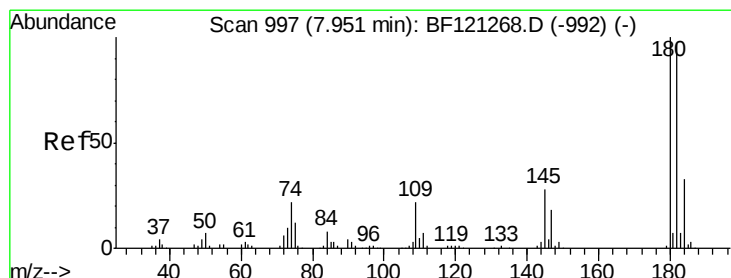
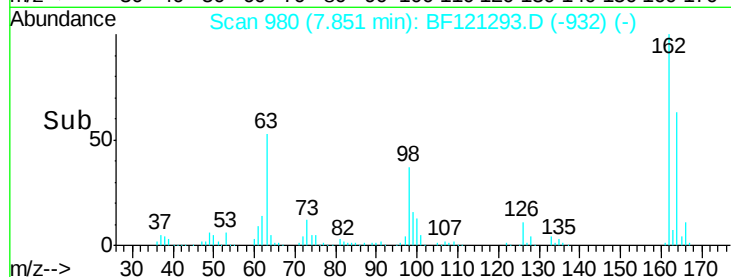
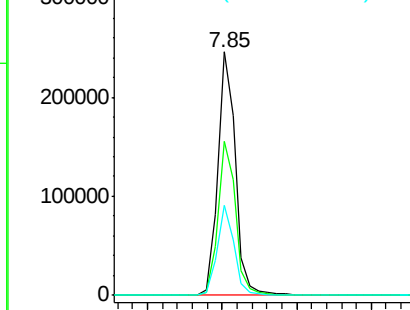
#29
2,4-Dichlorophenol
Concen: 41.064 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.4	83.4
98	37.0	18.1	58.1

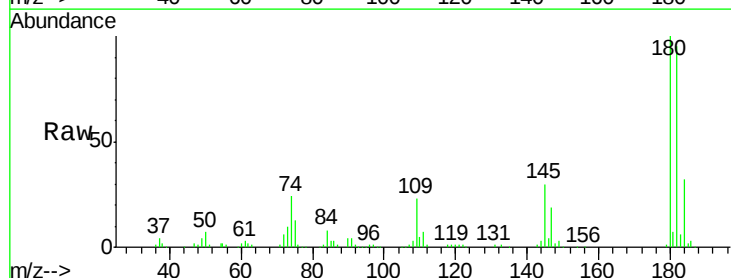


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

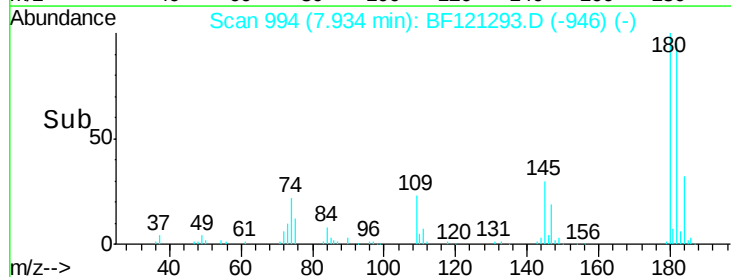
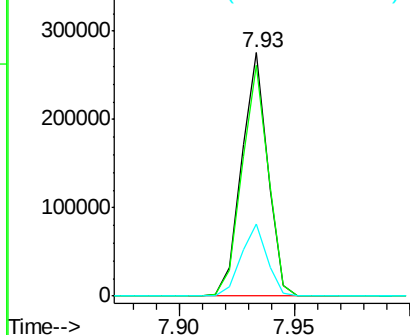


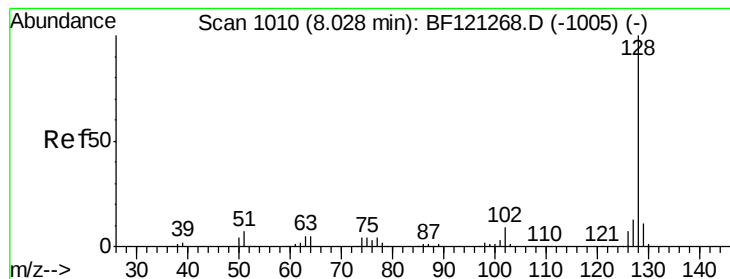
#30
1,2,4-Trichlorobenzene
Concen: 39.727 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.3	114.5
145	29.5	23.6	35.4



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: 39.058 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

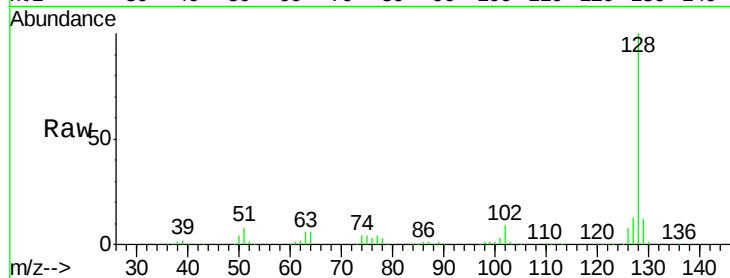
Tot Ion:128 Resp: 689888

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

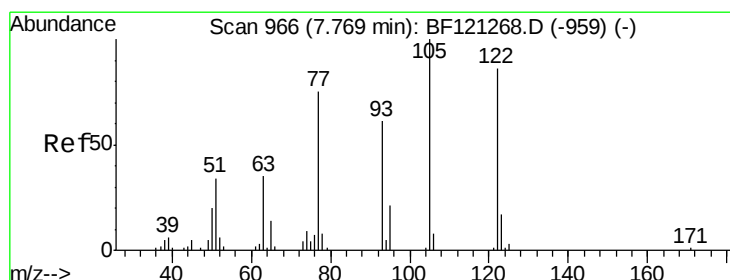
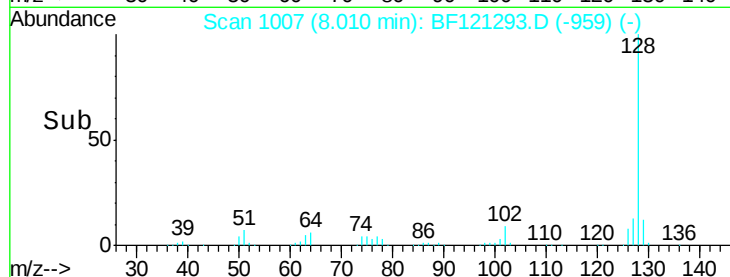
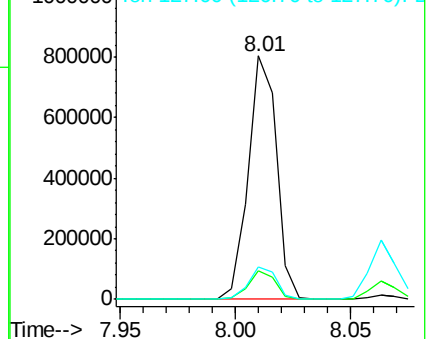
127 13.4 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.158 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

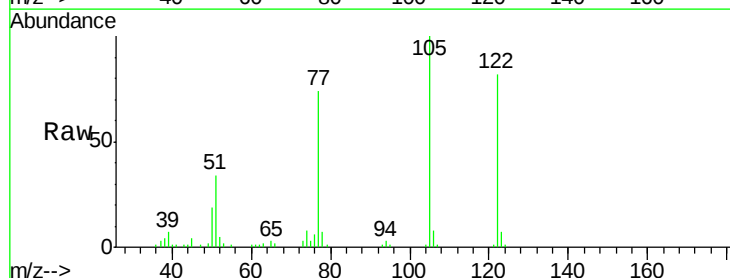
Tgt Ion:122 Resp: 113437

Ion Ratio Lower Upper

122 100

105 121.5 101.3 141.3

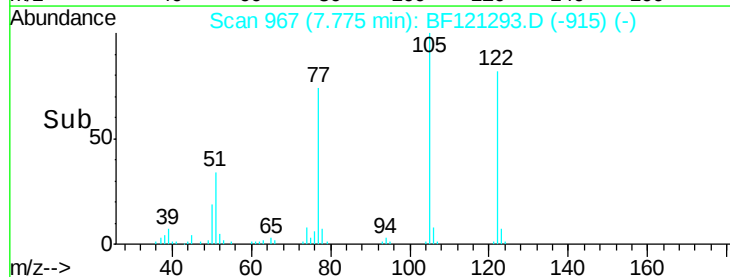
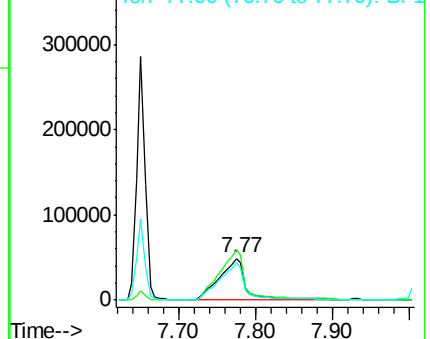
77 90.4 68.5 108.5

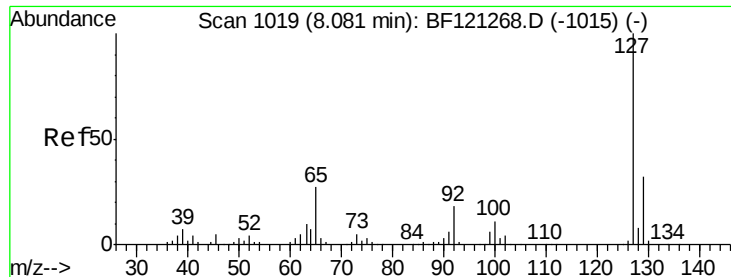


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

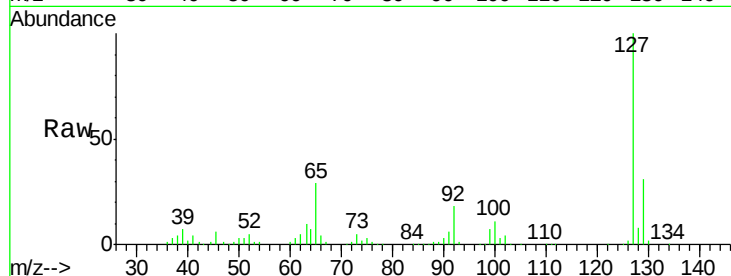




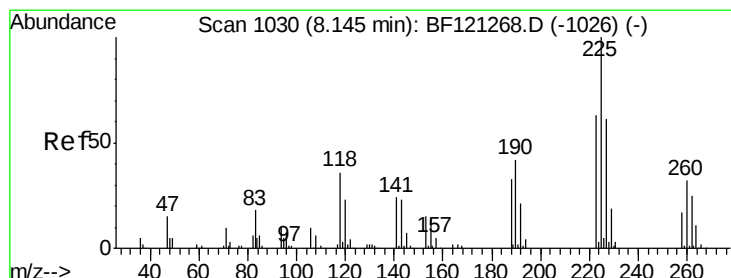
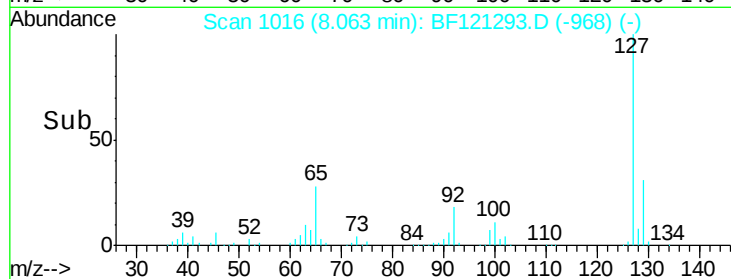
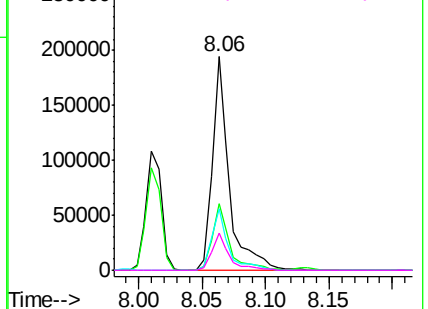
#33
4-Chloroaniline
Concen: 25.342 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

Tot Ion:	127	Resp:	182669
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	28.6	23.5	35.3
92	17.6	14.5	21.7

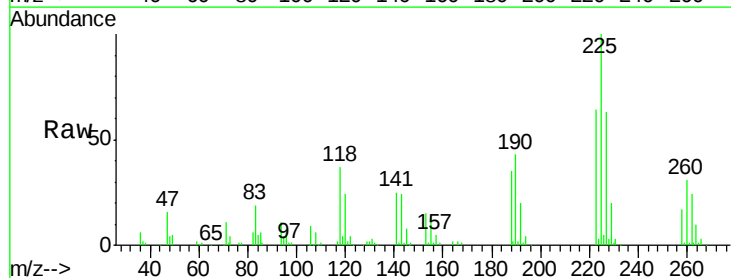


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

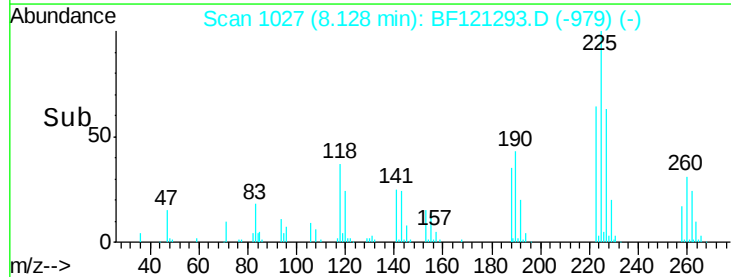
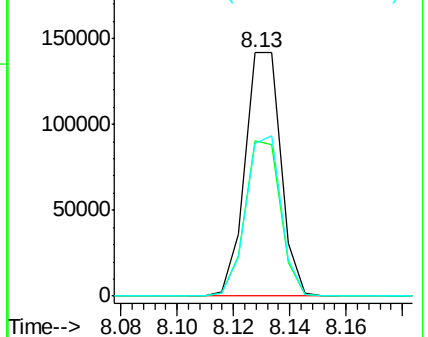


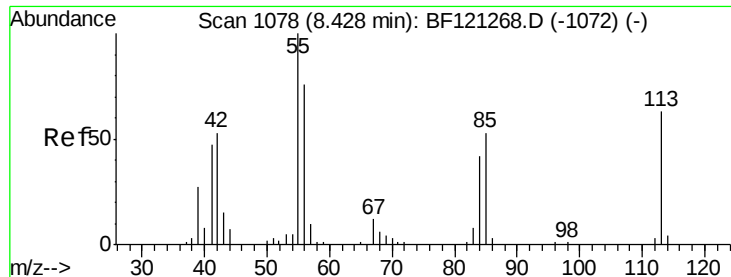
#34
Hexachlorobutadiene
Concen: 37.922 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:	225	Resp:	125312
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.8
227	62.8	51.9	77.9



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

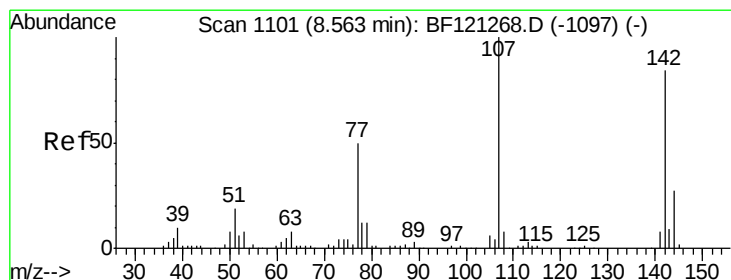
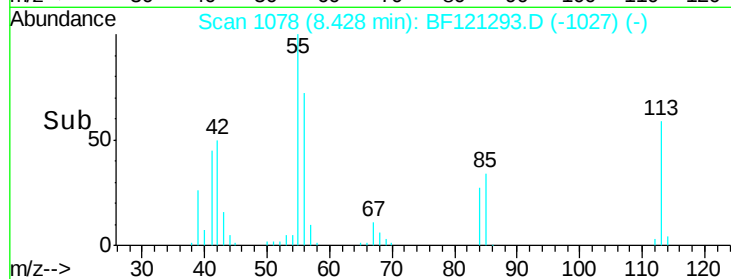
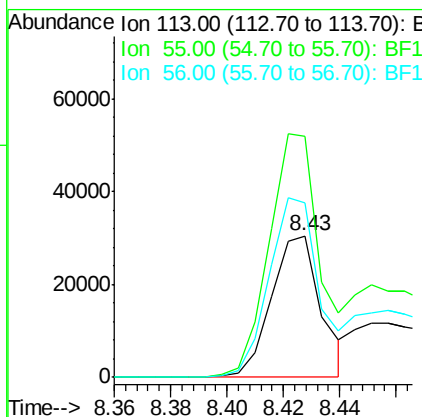
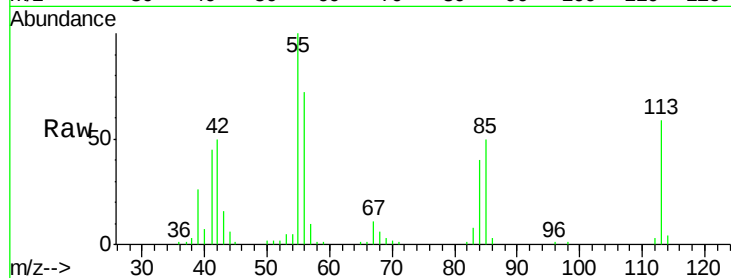




#35
 Caprolactam
 Concen: 24.926 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

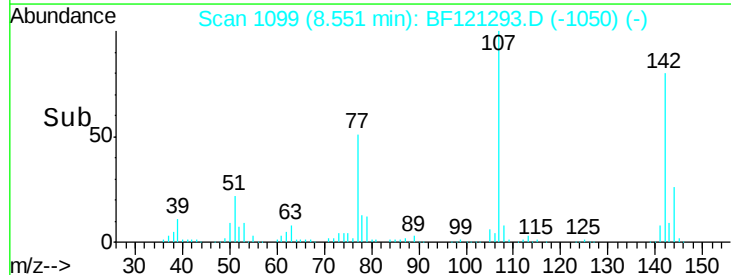
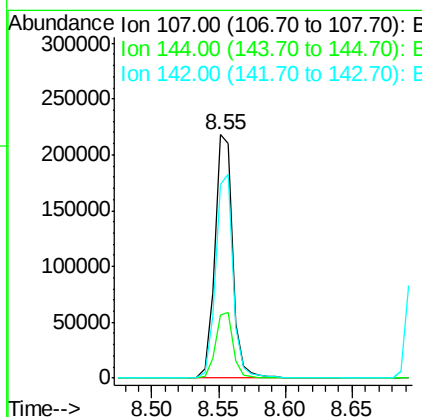
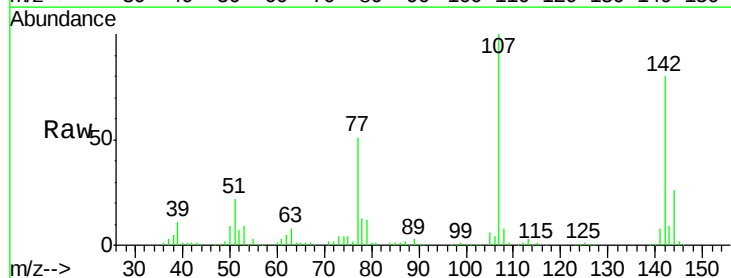
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

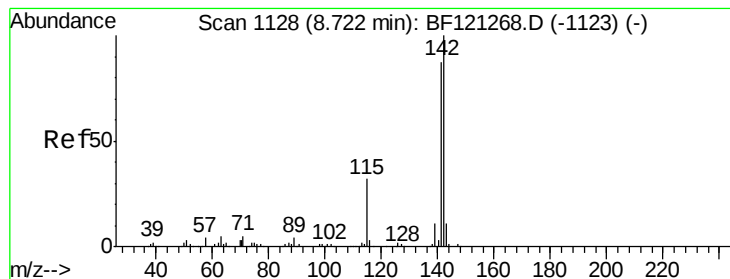
Tot Ion:113 Resp: 37151
 Ion Ratio Lower Upper
 113 100
 55 170.1 151.9 191.9
 56 123.0 106.0 146.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.922 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:107 Resp: 206598
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.4 30.6
 142 79.5 63.5 95.3





#37

2-Methylnaphthalene

Concen: 39.747 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

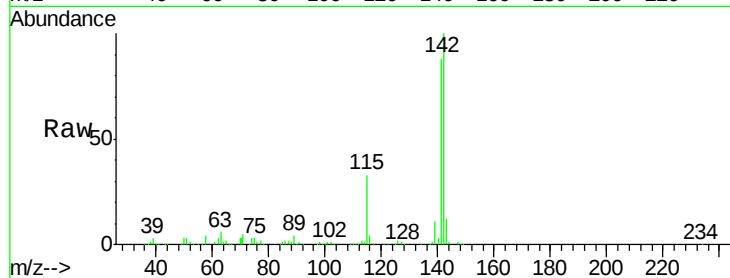
Tot Ion:142 Resp: 461987

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9

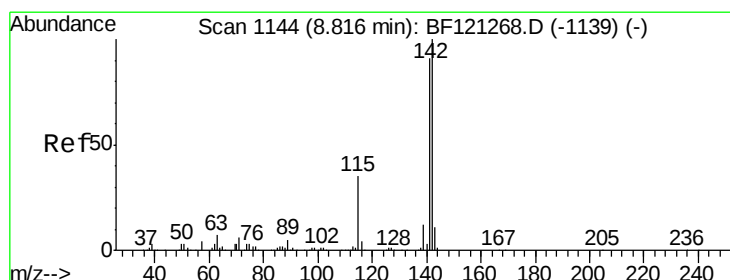
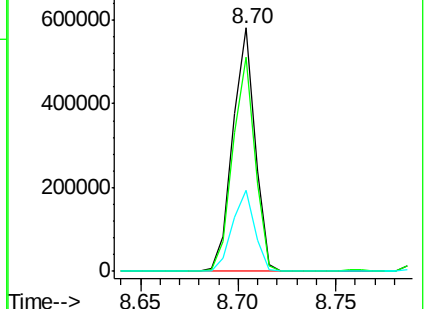
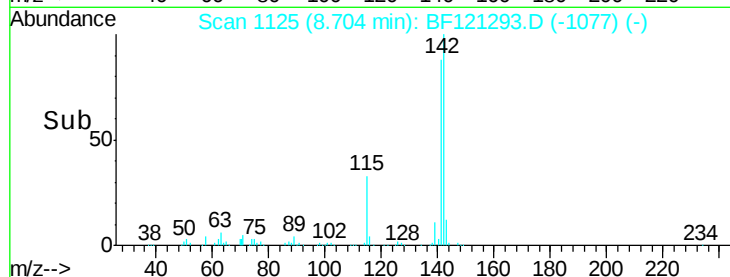
115 33.2 25.9 38.9



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: 39.795 ng

RT: 8.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

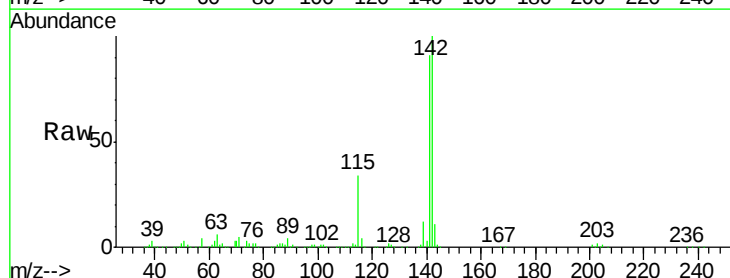
Tgt Ion:142 Resp: 437956

Ion Ratio Lower Upper

142 100

141 91.5 73.0 109.4

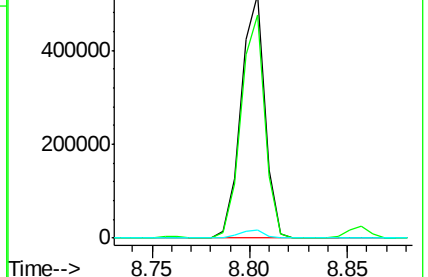
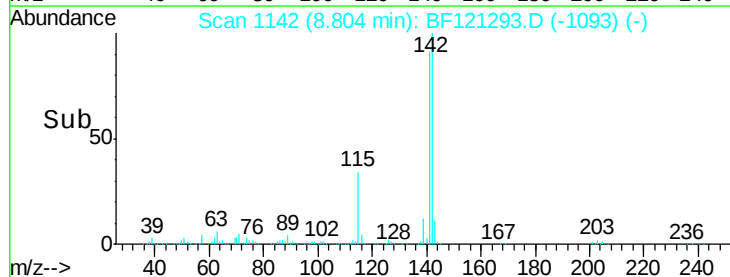
116 3.5 3.0 4.6

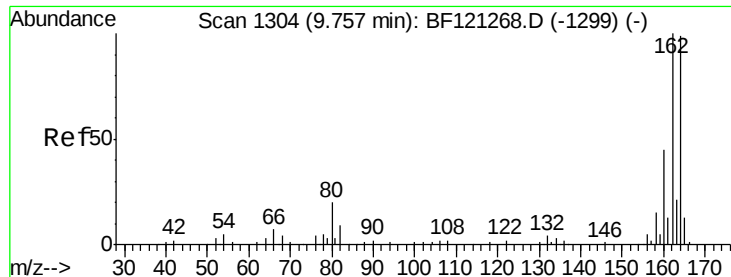


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

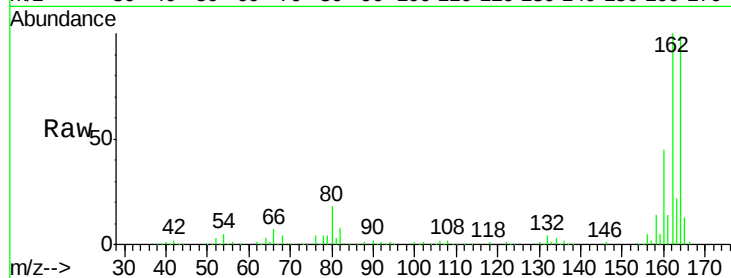
Tot Ion:164 Resp: 165428

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

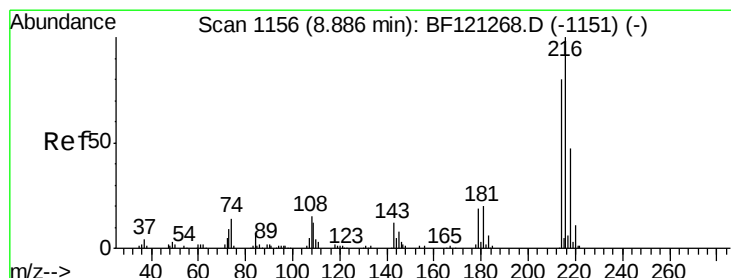
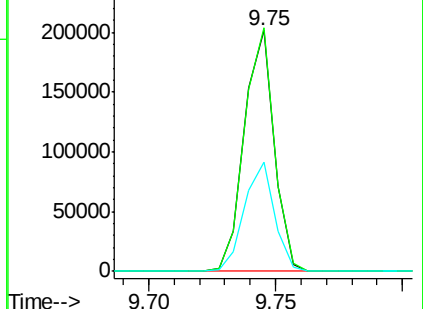
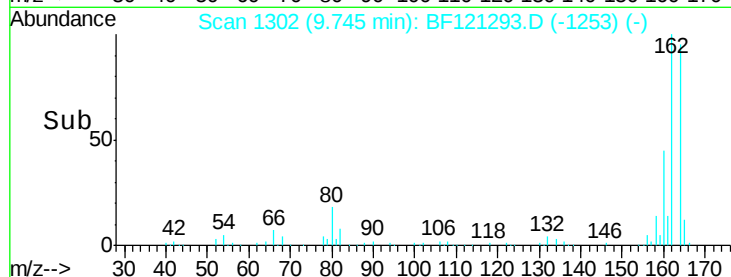
160 45.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.158 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Tgt Ion:216 Resp: 217054

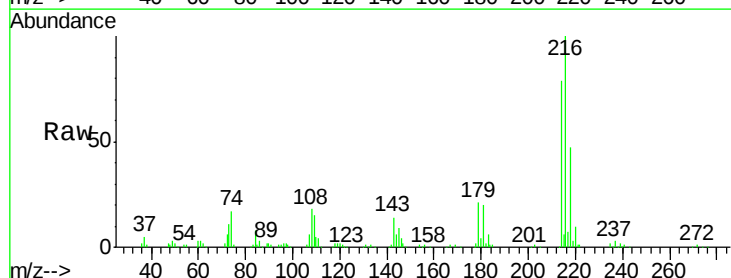
Ion Ratio Lower Upper

216 100

214 78.9 63.7 95.5

179 20.3 16.1 24.1

108 19.0 14.3 21.5

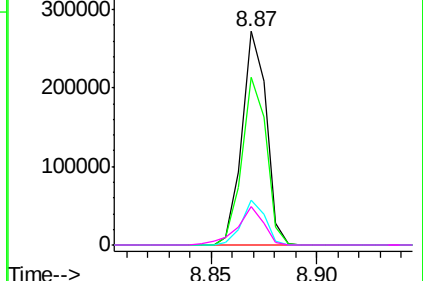
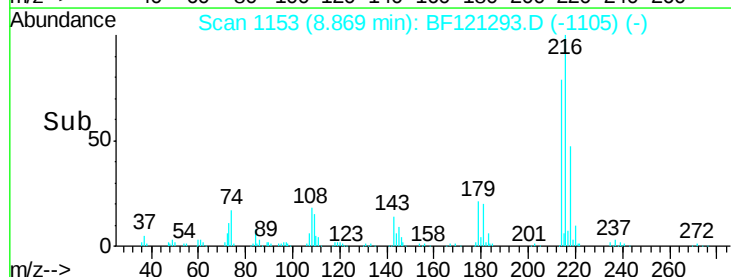


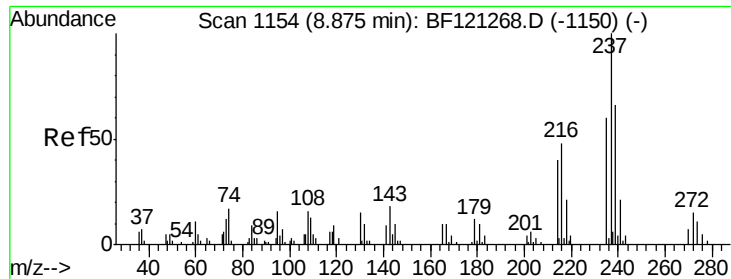
Abundance Ion 216.00 (215.70 to 216.70): E

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

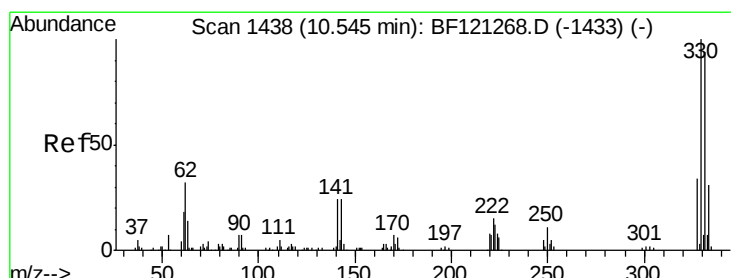
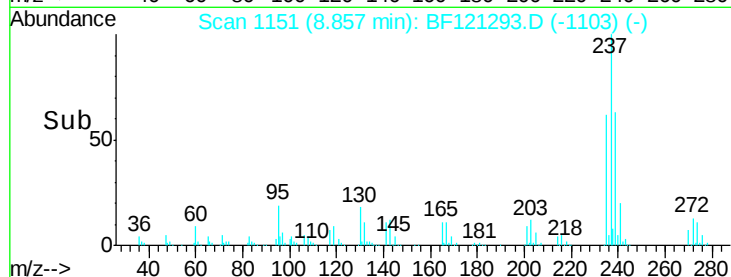
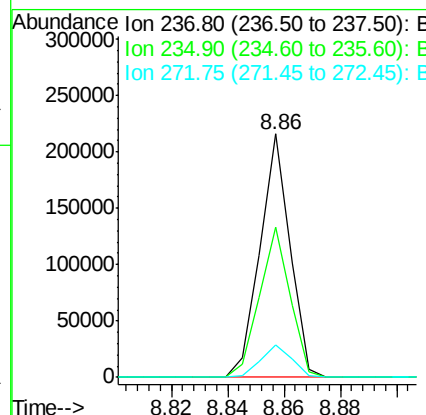
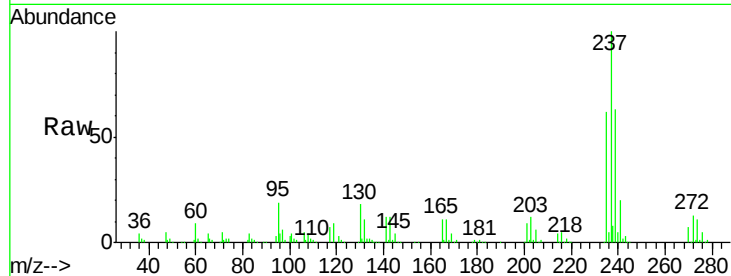




#41
Hexachlorocyclopentadiene
Concen: 71.405 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

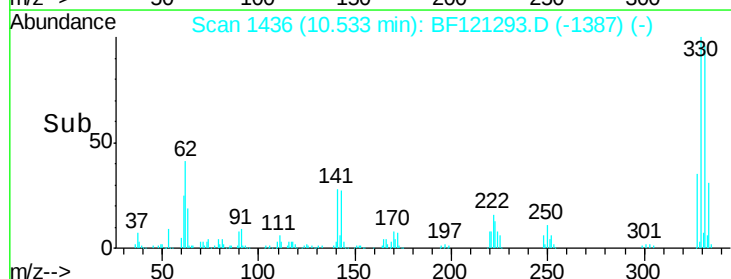
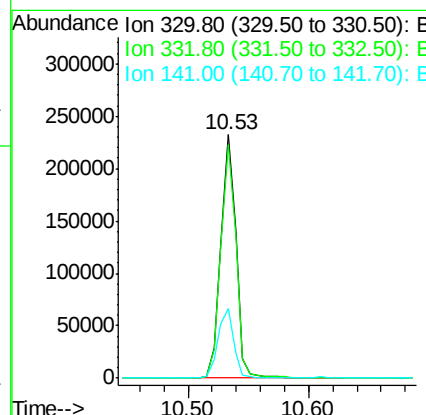
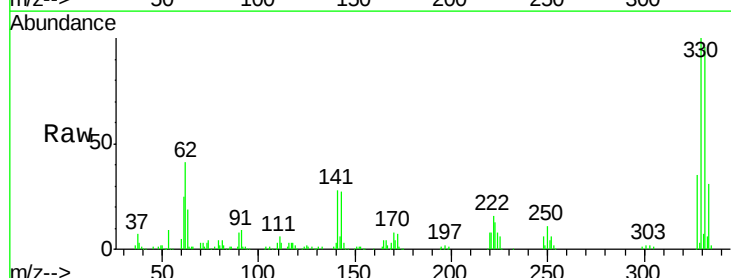
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

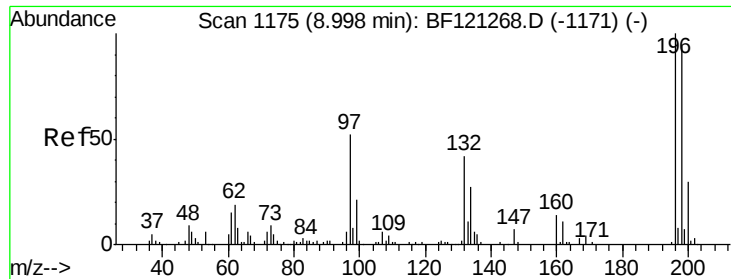
Tot Ion:237 Resp: 159478
Ion Ratio Lower Upper
237 100
235 61.6 41.8 81.8
272 13.2 0.0 34.3



#42
2,4,6-Tribromophenol
Concen: 97.827 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:330 Resp: 199249
Ion Ratio Lower Upper
330 100
332 96.3 75.4 113.0
141 29.8 23.4 35.2

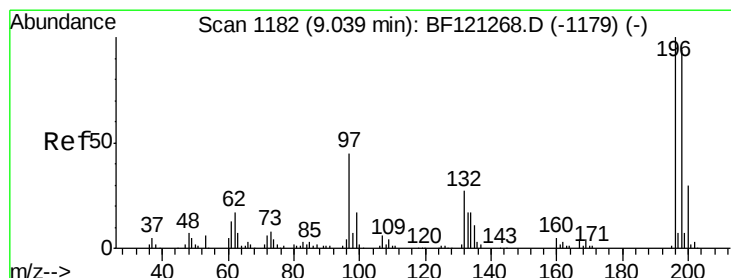
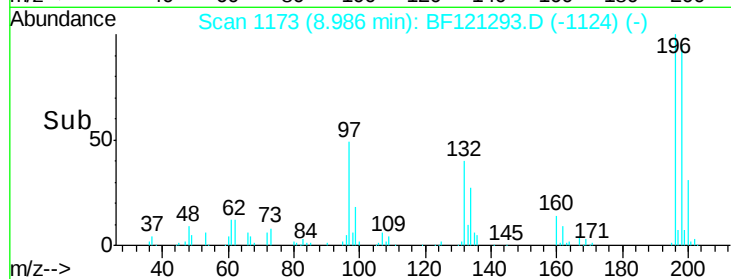
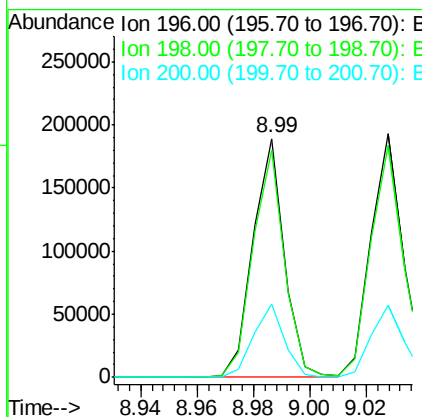
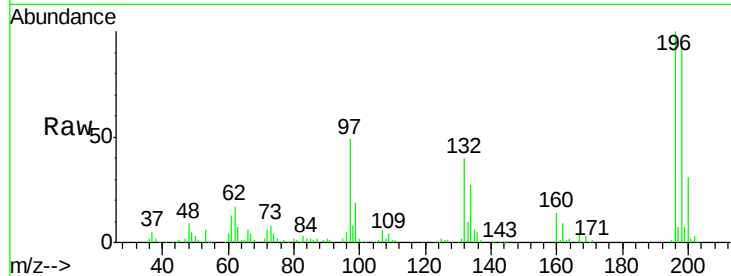




#43
 2,4,6-Trichlorophenol
 Concen: 41.323 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

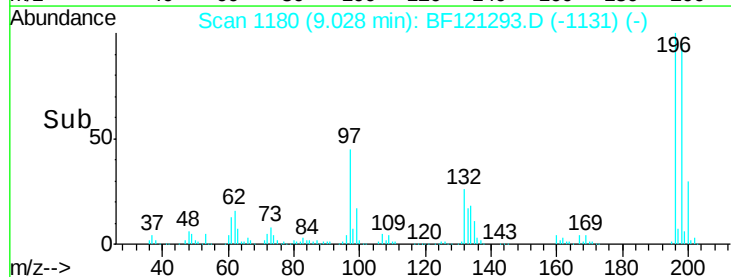
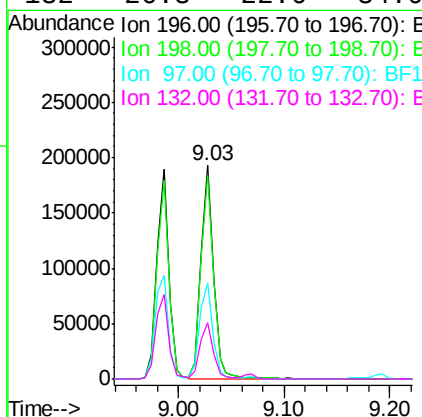
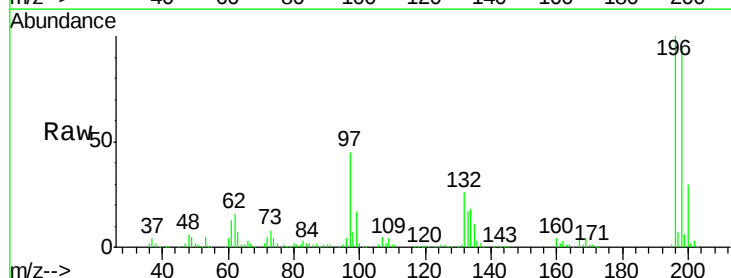
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

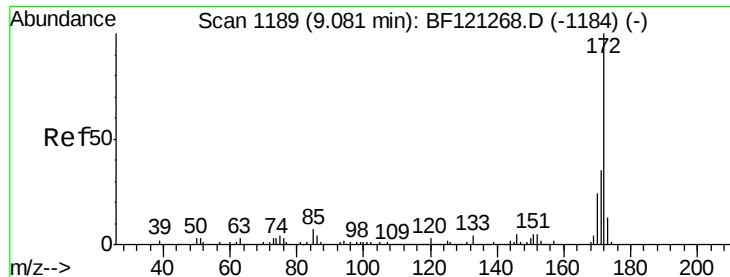
Tot Ion:196 Resp: 145672
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 41.595 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:196 Resp: 159266
 Ion Ratio Lower Upper
 196 100
 198 95.3 77.4 116.2
 97 44.7 38.8 58.2
 132 26.3 22.6 34.0

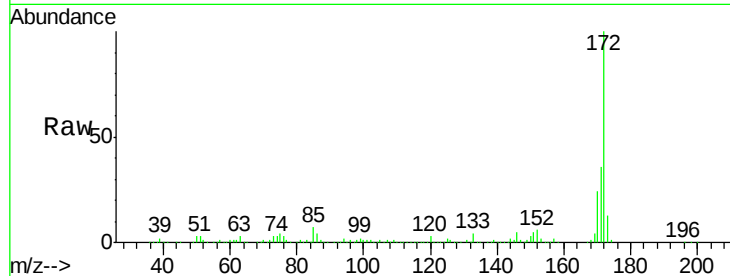




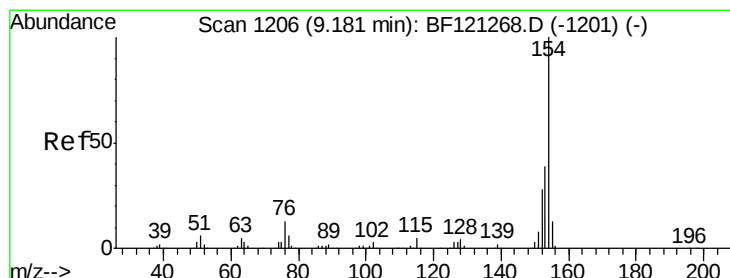
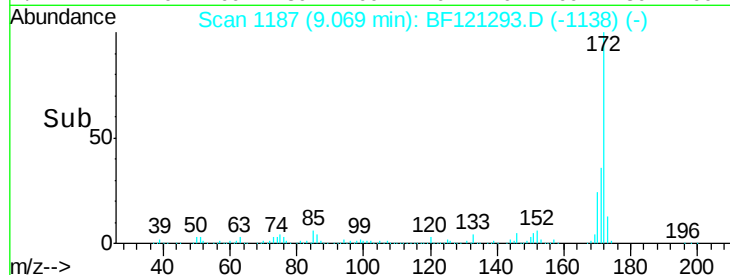
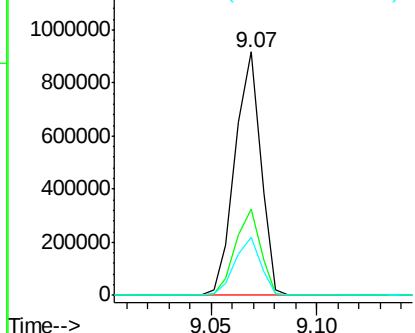
#45
2-Fluorobiphenyl
Concen: 64.544 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.9	19.3	28.9

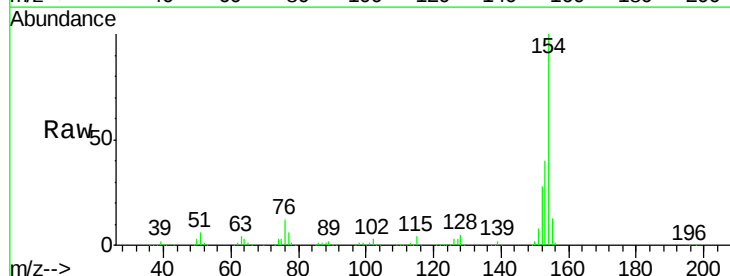


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

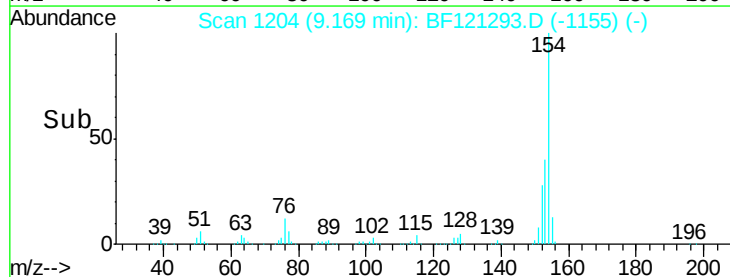
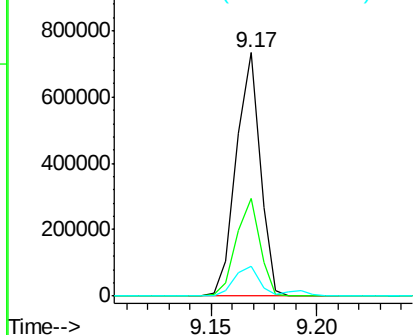


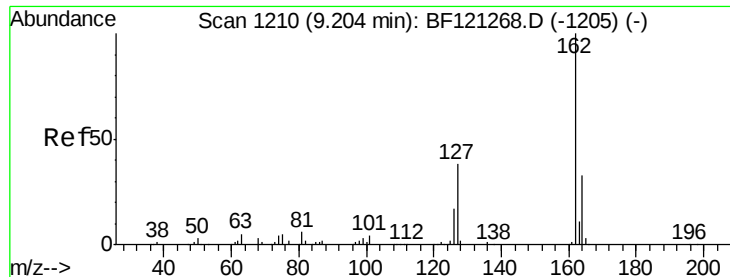
#46
1,1'-Biphenyl
Concen: 40.045 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.4	60.4
76	12.4	0.0	33.6



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

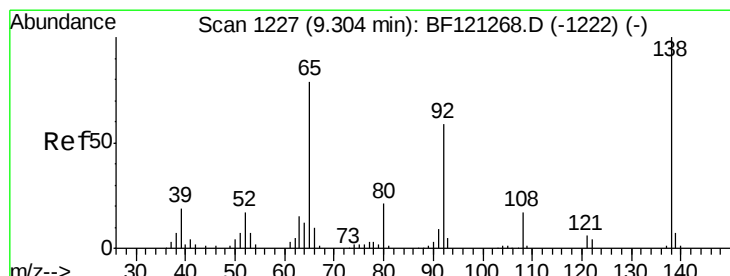
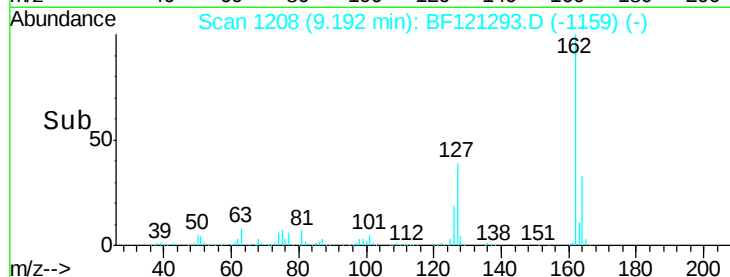
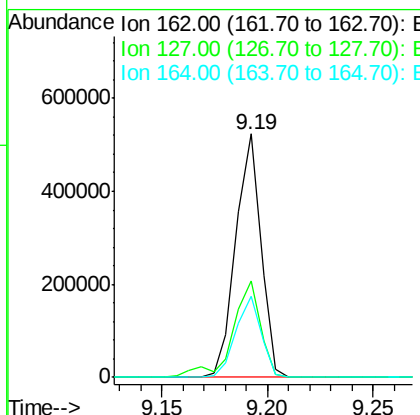
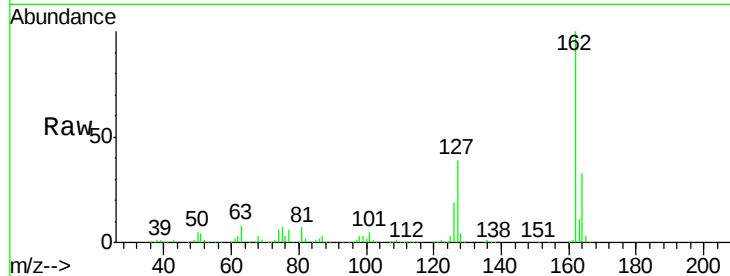




#47
 2-Chloronaphthalene
 Concen: 39.122 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

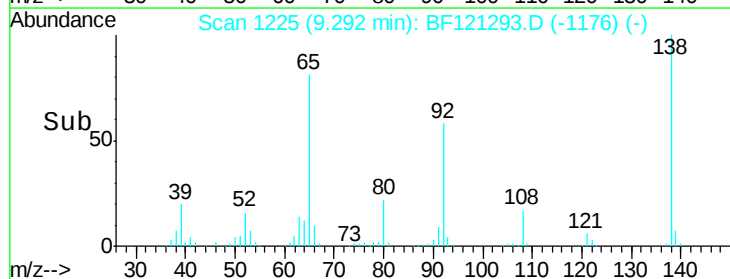
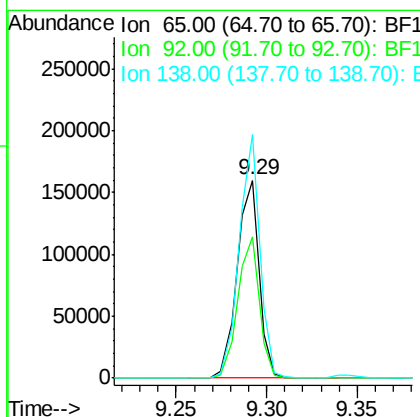
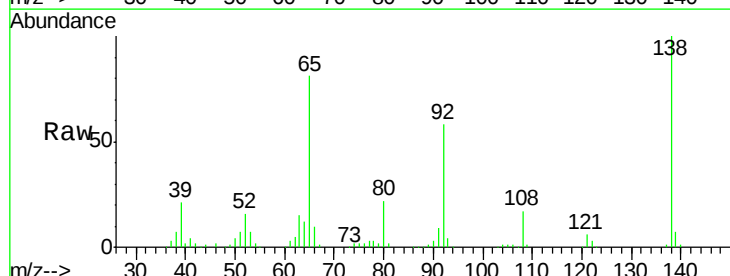
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

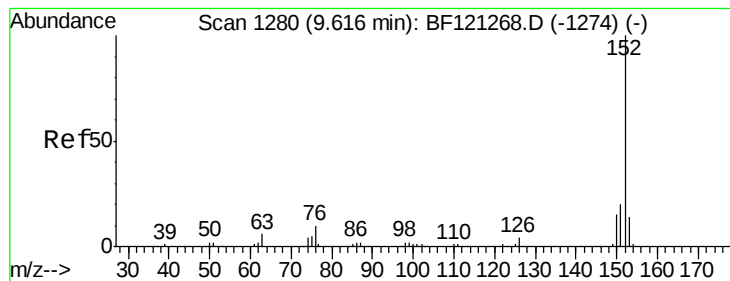
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.5	45.7
164	33.3	26.5	39.7



#48
 2-Nitroaniline
 Concen: 43.736 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	56.4	84.6
138	123.0	91.9	137.9





#49

Acenaphthylene

Concen: 40.240 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

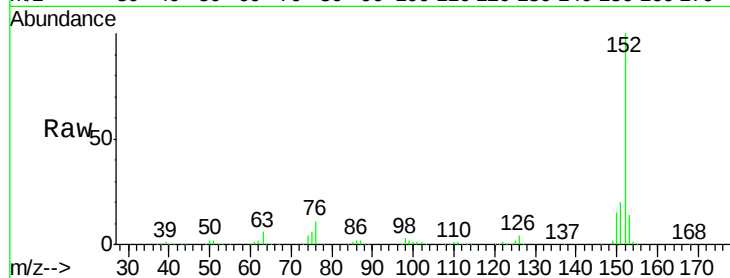
Tot Ion:152 Resp: 703240

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

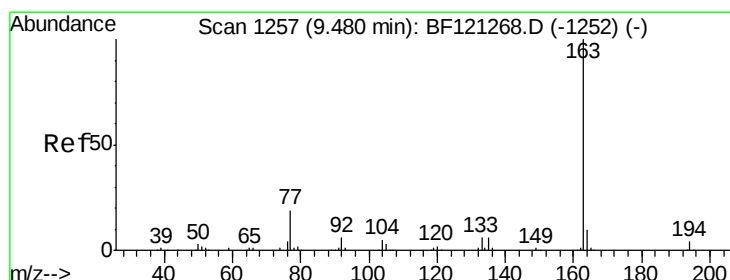
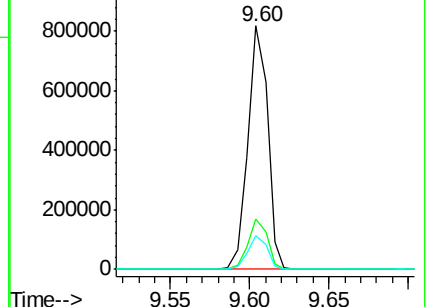
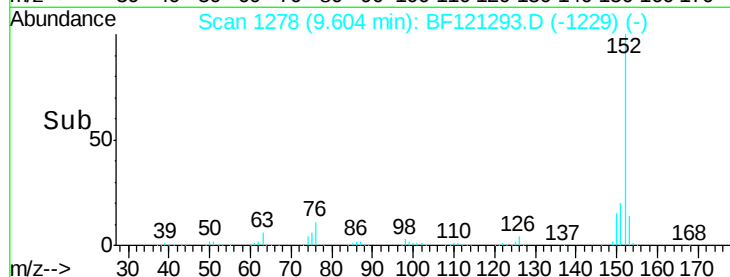
153 13.8 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.213 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

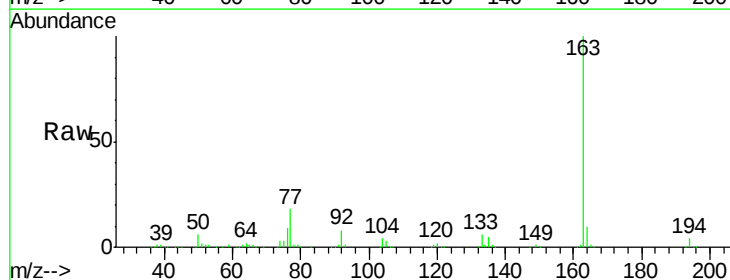
Tgt Ion:163 Resp: 575271

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

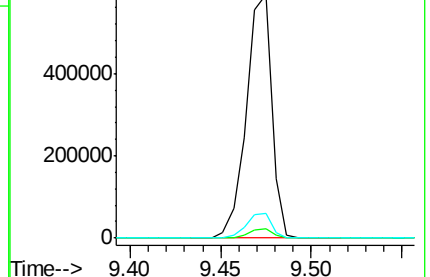
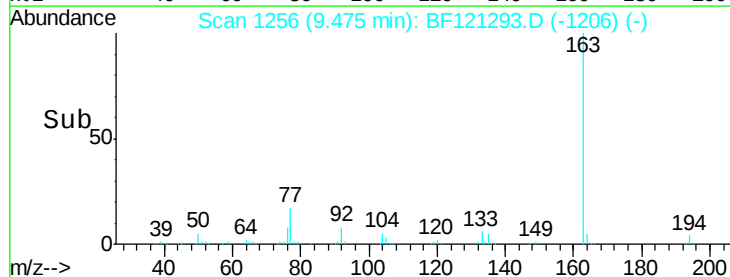
164 9.9 8.1 12.1

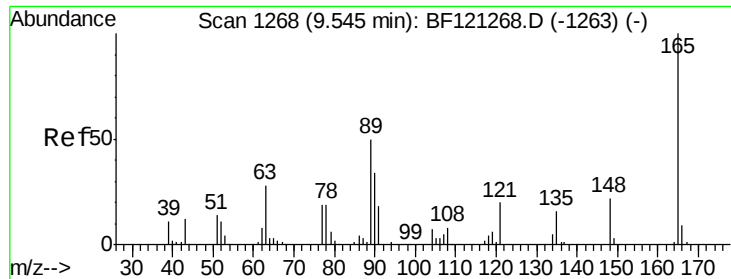


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

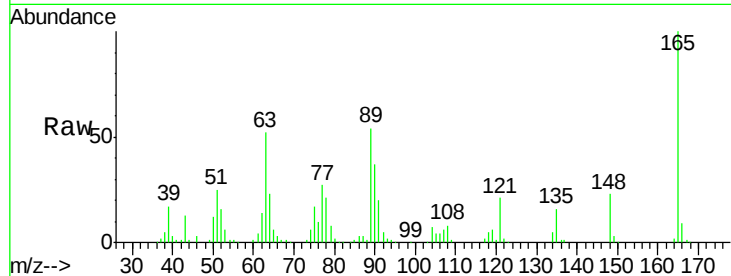




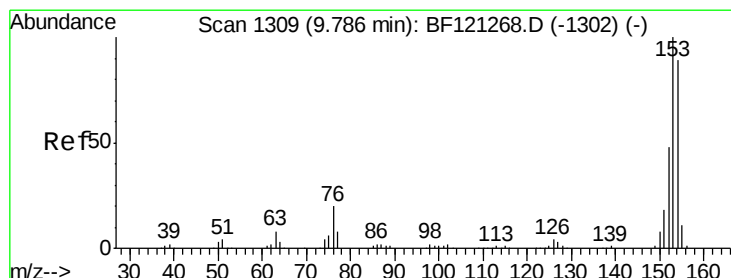
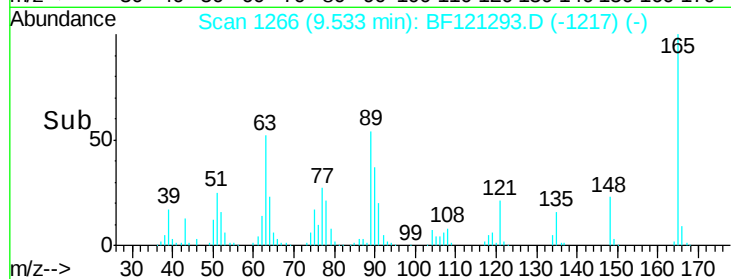
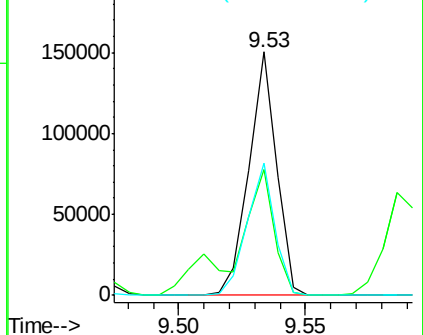
#51
 2,6-Dinitrotoluene
 Concen: 41.275 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Tot Ion:165 Resp: 114534
 Ion Ratio Lower Upper
 165 100
 63 51.8 42.3 63.5
 89 54.2 45.0 67.4

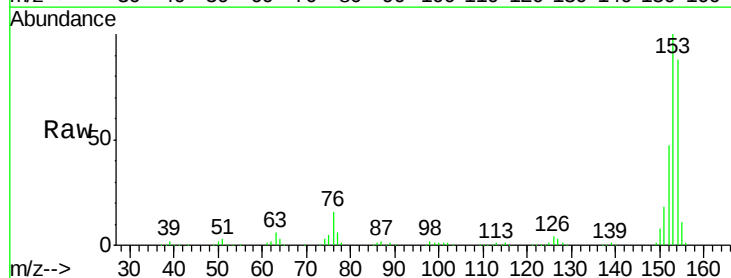


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

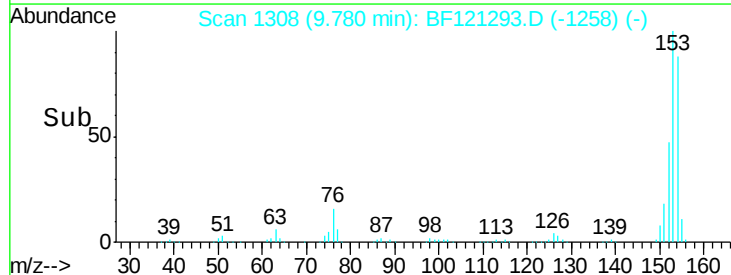
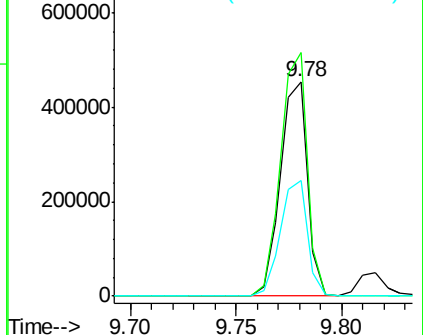


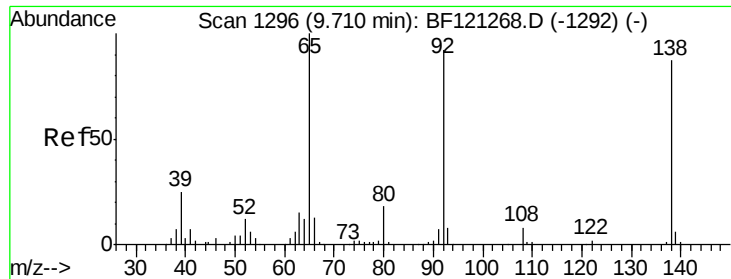
#52
 Acenaphthene
 Concen: 39.290 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:154 Resp: 406537
 Ion Ratio Lower Upper
 154 100
 153 113.4 89.3 133.9
 152 53.6 42.9 64.3



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

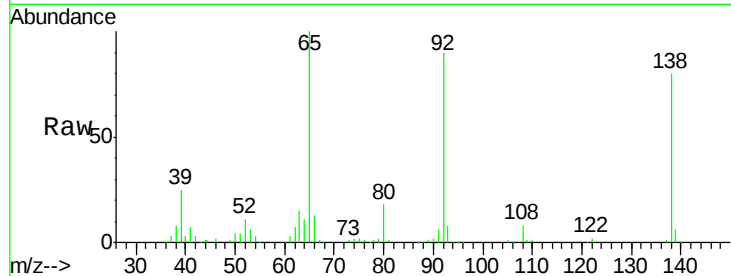




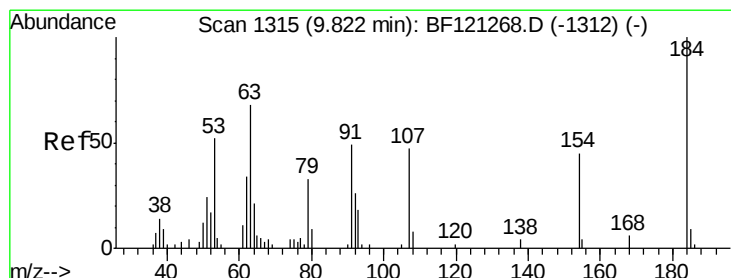
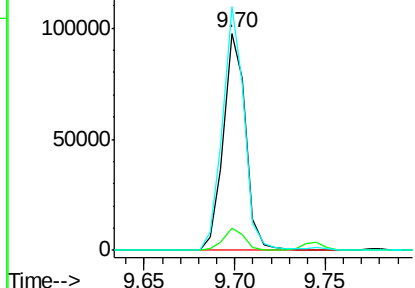
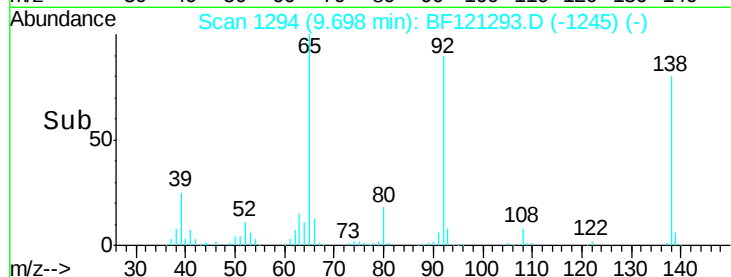
#53
 3-Nitroaniline
 Concen: 26.322 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Tot Ion:138 Resp: 83397
 Ion Ratio Lower Upper
 138 100
 108 10.0 7.4 11.2
 92 112.3 85.1 127.7

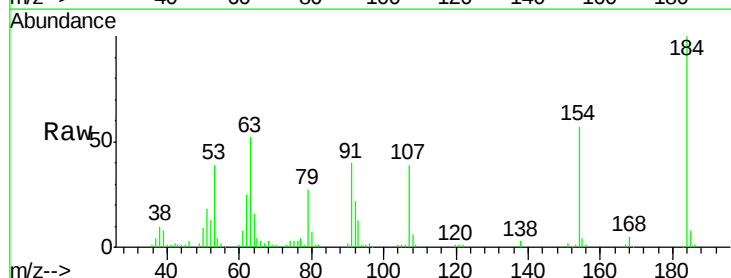


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

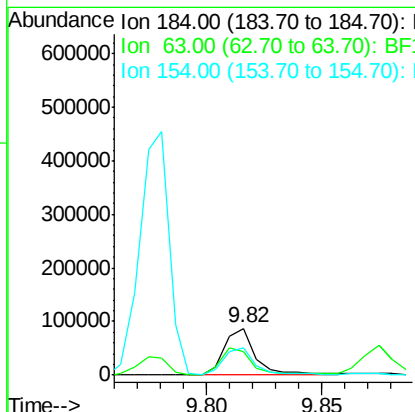
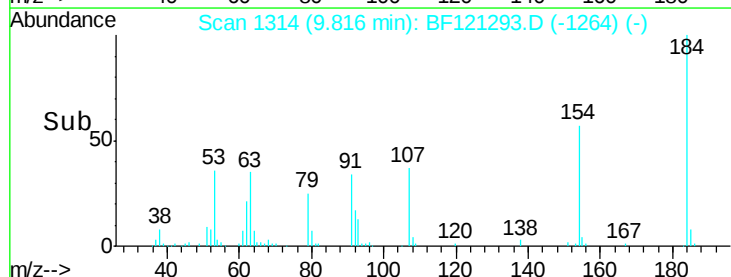


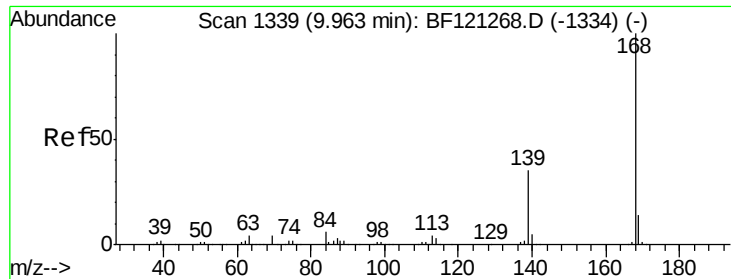
#54
 2,4-Dinitrophenol
 Concen: 61.009 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:184 Resp: 81695
 Ion Ratio Lower Upper
 184 100
 63 51.8 39.4 59.2
 154 57.4 43.4 65.0



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

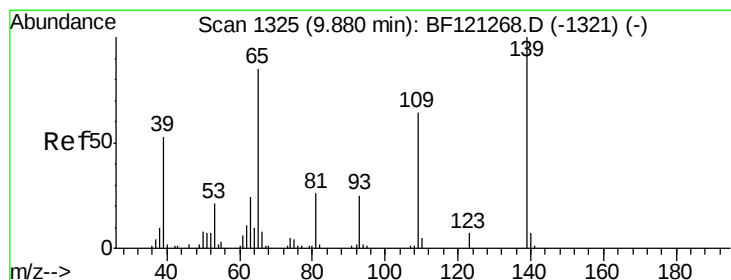
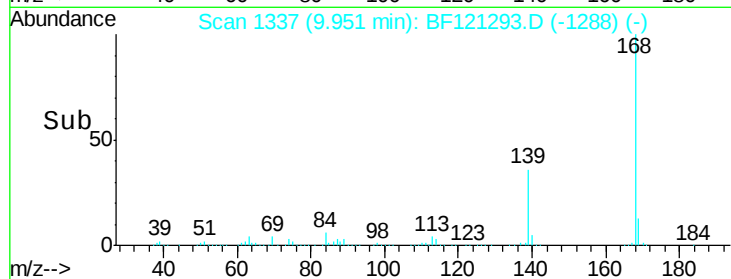
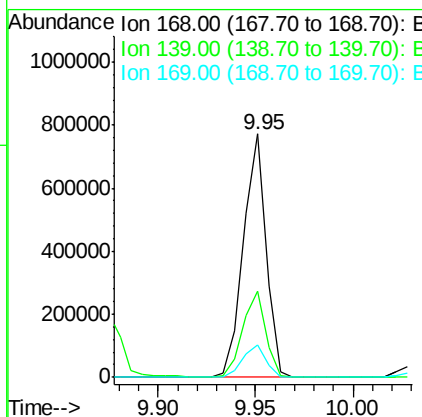
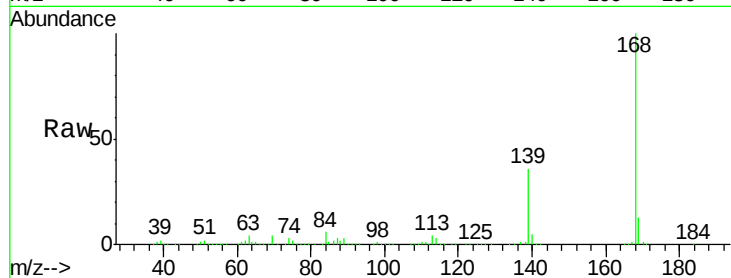




#55
Dibenzofuran
Concen: 37.856 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

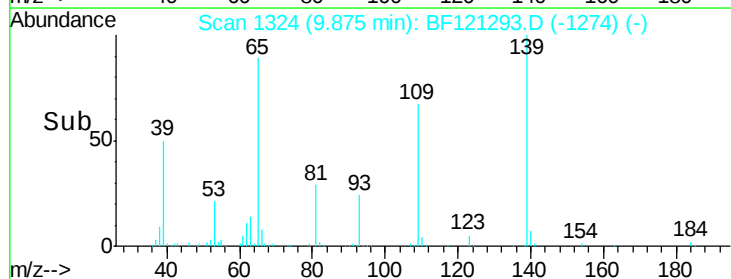
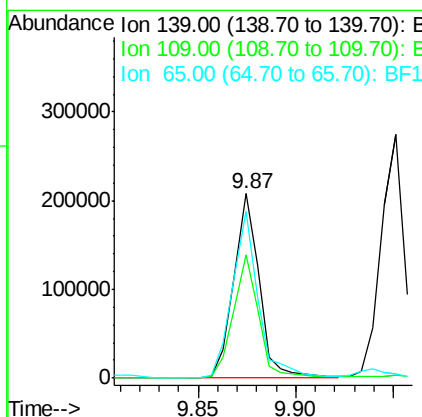
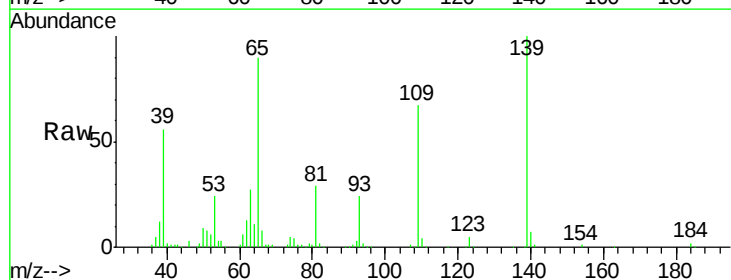
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

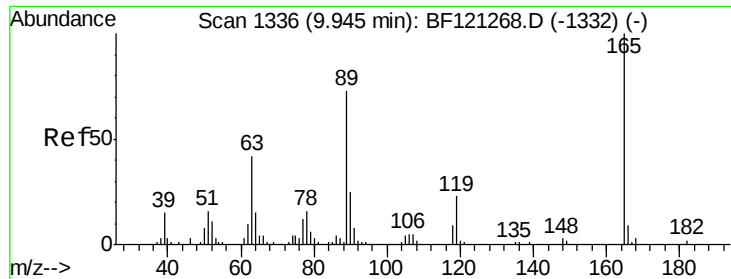
Tot Ion:168 Resp: 623776
Ion Ratio Lower Upper
168 100
139 35.5 29.0 43.6
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 93.129 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:139 Resp: 190418
Ion Ratio Lower Upper
139 100
109 67.0 47.2 87.2
65 90.1 70.6 110.6

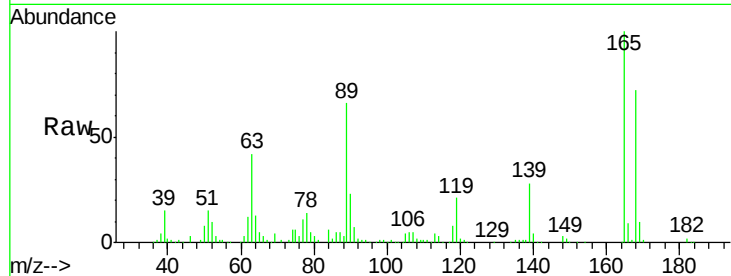




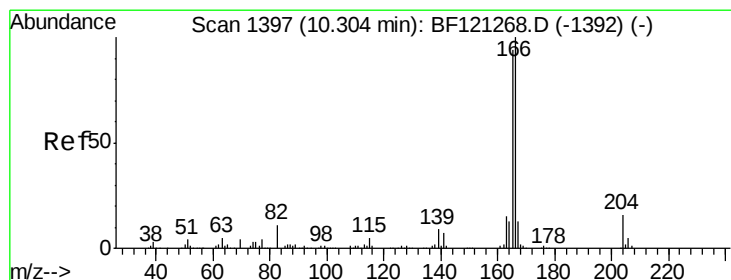
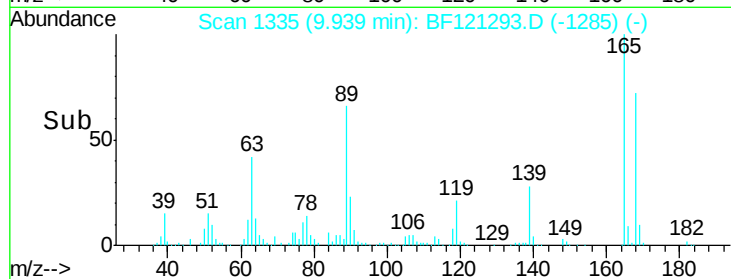
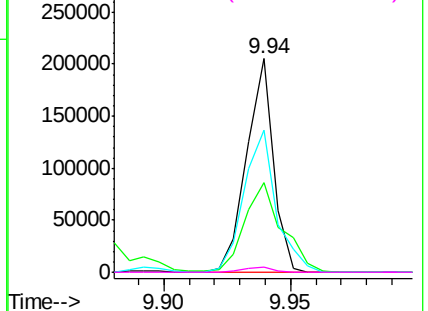
#57
2,4-Dinitrotoluene
Concen: 41.529 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

Tot Ion:165	Resp:	151233
Ion Ratio	Lower	Upper
165	100	
63	41.8	31.9 47.9
89	66.4	53.6 80.4
182	2.4	1.8 2.6

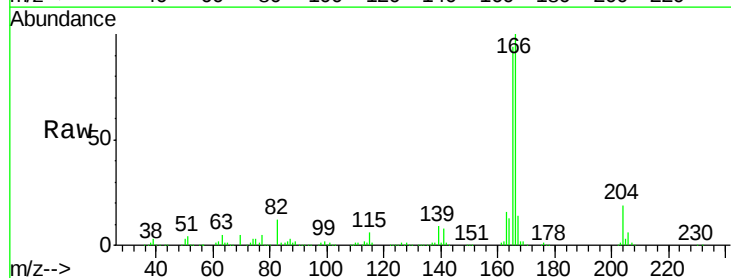


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

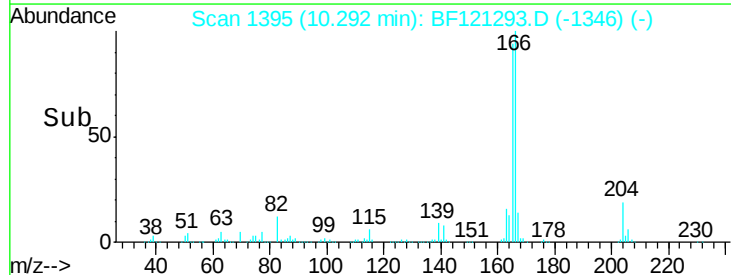
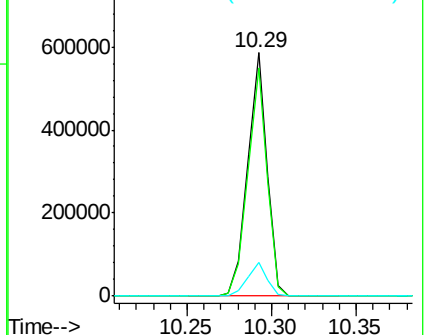


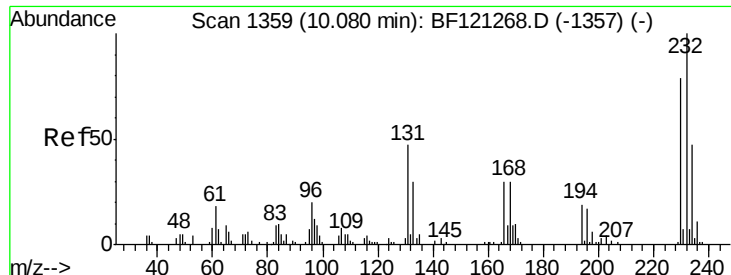
#58
Fluorene
Concen: 37.663 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:166	Resp:	469765
Ion Ratio	Lower	Upper
166	100	
165	93.9	75.0 112.6
167	13.6	10.6 16.0



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

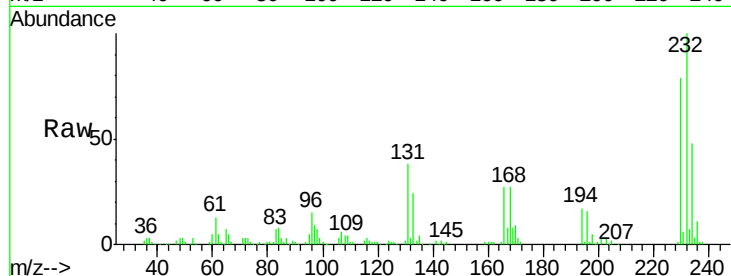




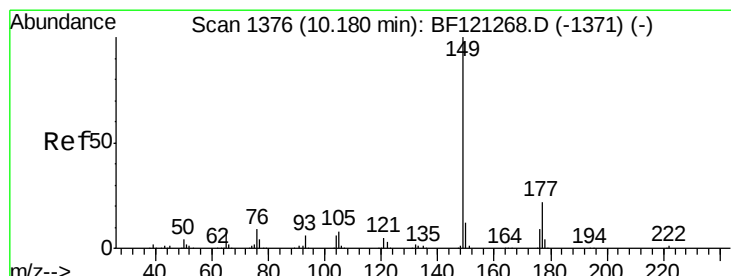
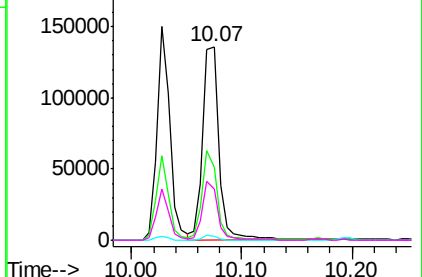
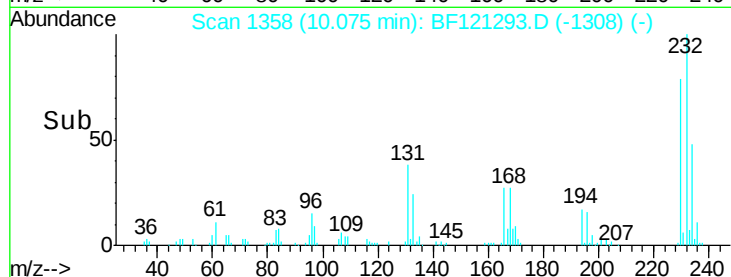
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.656 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Tot Ion:	232	Resp:	135193
Ion	Ratio	Lower	Upper
232	100		
131	42.0	36.6	55.0
130	2.1	1.6	2.4
166	29.0	23.5	35.3

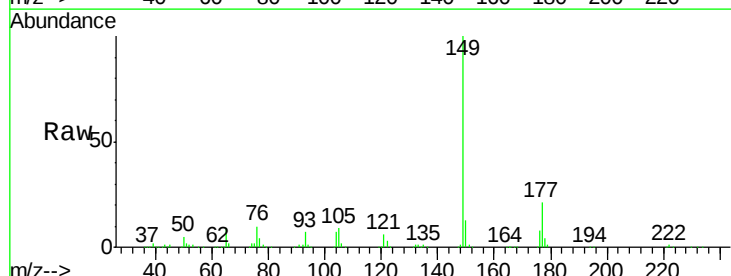


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

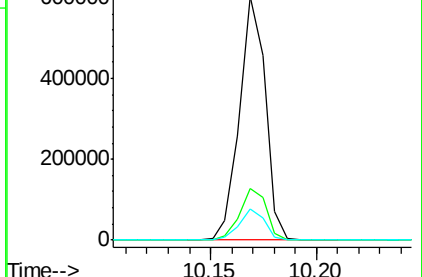
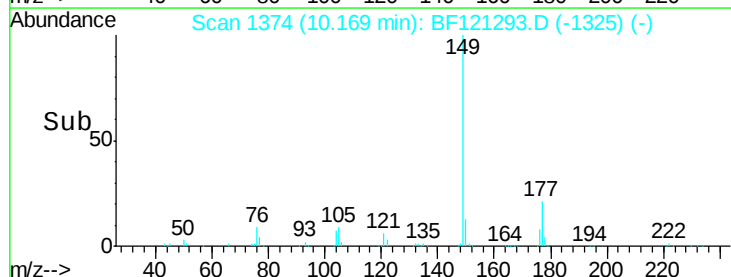


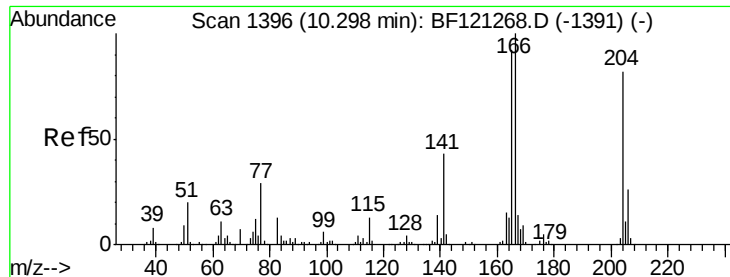
#60
 Diethylphthalate
 Concen: 40.322 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:	149	Resp:	510415
Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.4	26.2
150	12.8	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

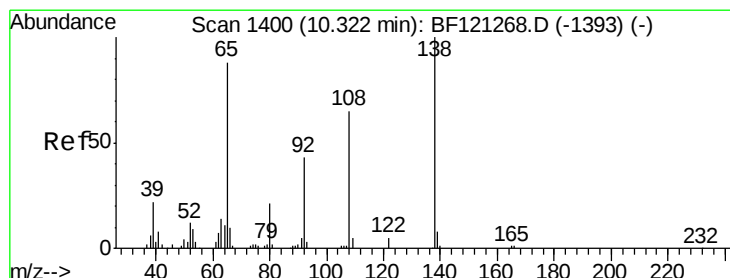
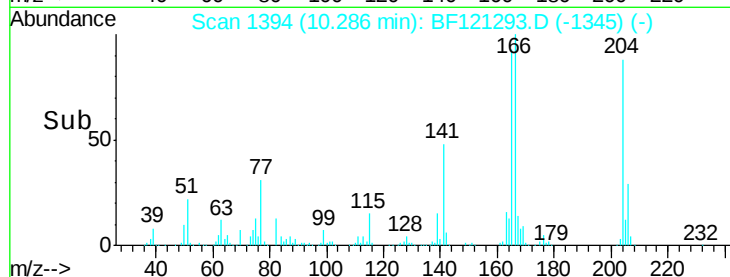
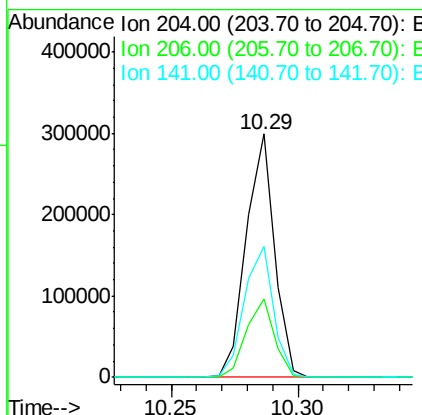
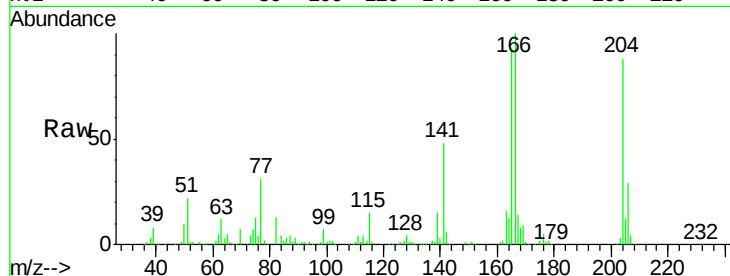




#61
 4-Chlorophenyl-phenylether
 Concen: 38.354 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

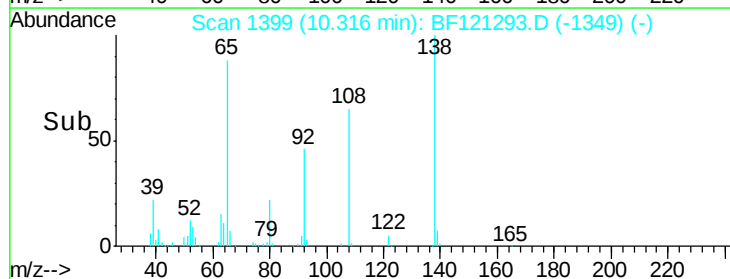
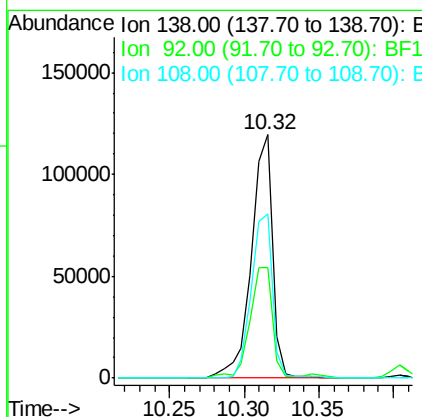
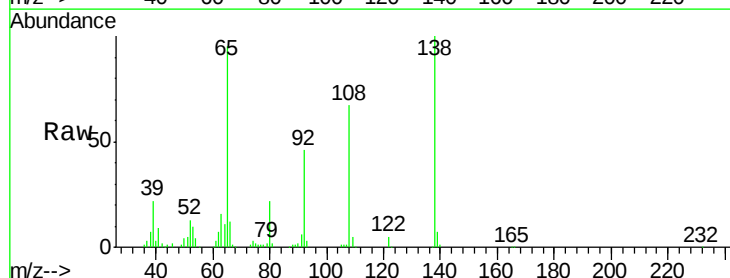
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

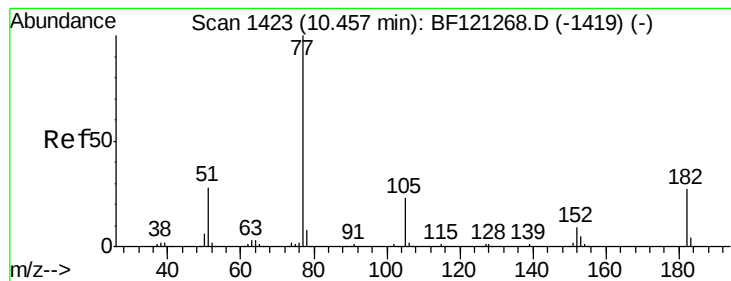
Tot Ion:	204	Resp:	232668
Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.9	38.9
141	54.0	44.2	66.4



#62
 4-Nitroaniline
 Concen: 36.717 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:	138	Resp:	116636
Ion	Ratio	Lower	Upper
138	100		
92	45.6	26.9	66.9
108	67.4	48.1	88.1





#63

Azobenzene

Concen: 38.925 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

Tot Ion: 77 Resp: 492334

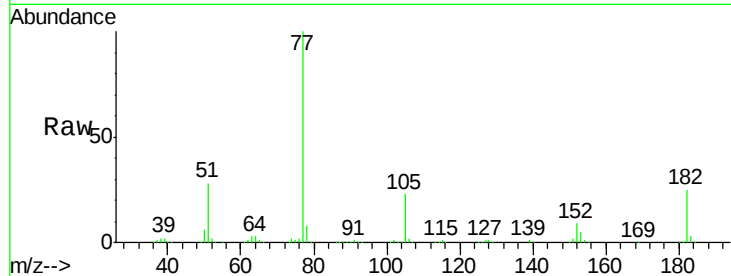
Ion Ratio Lower Upper

77 100

182 24.5 3.8 43.8

105 23.3 2.9 42.9

51 27.9 8.3 48.3

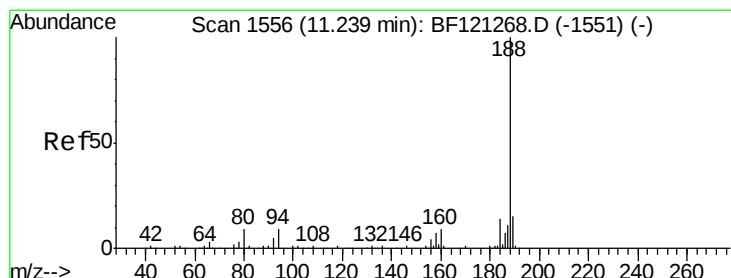
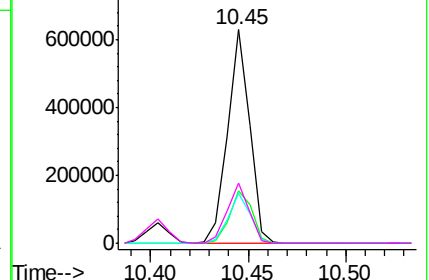
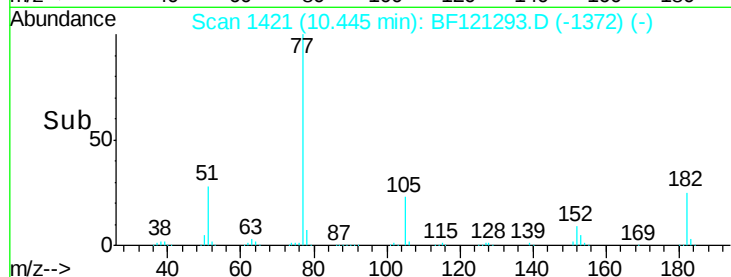


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

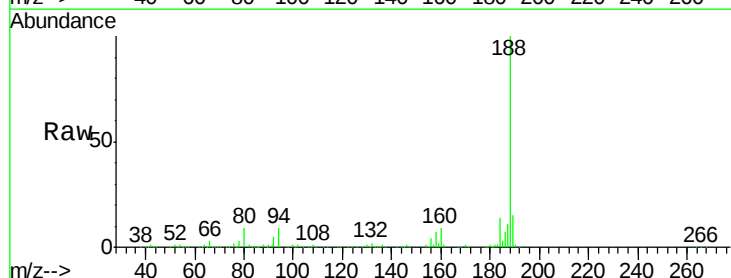
Tgt Ion: 188 Resp: 326632

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

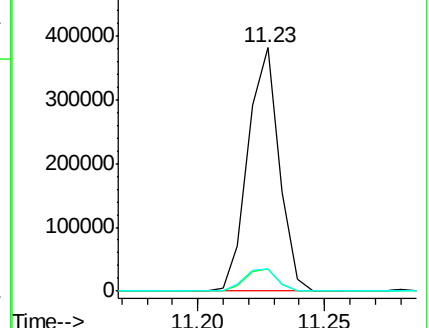
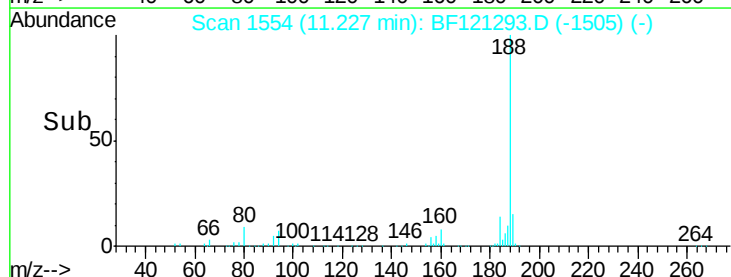
80 9.0 7.4 11.0

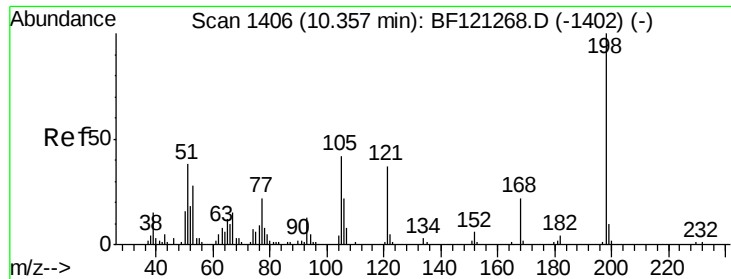


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

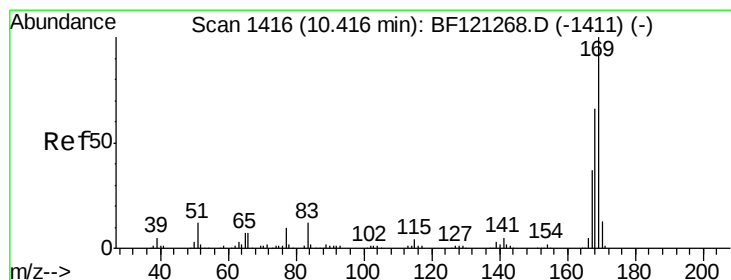
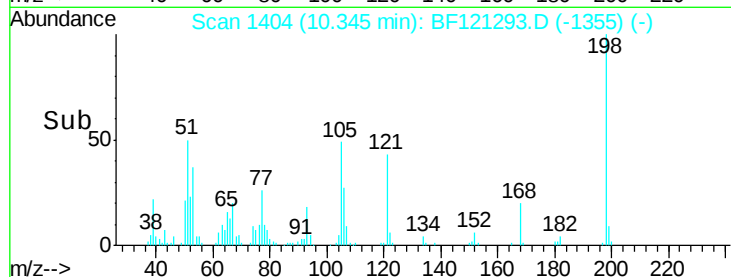
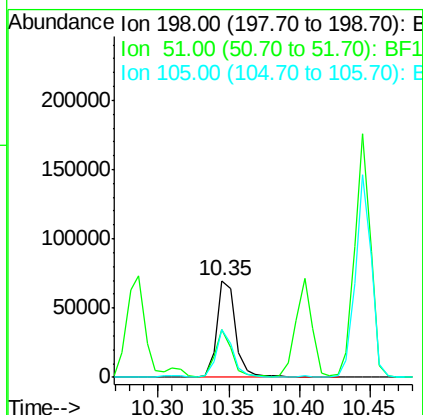
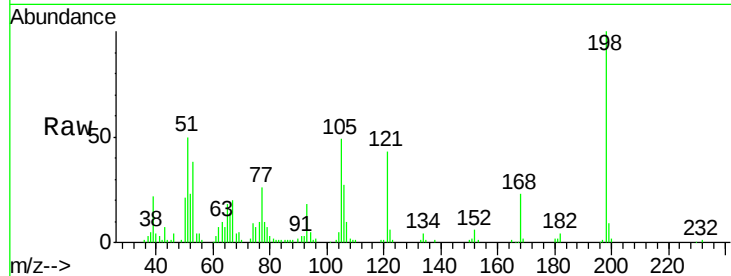




#65
 4,6-Dinitro-2-methylphenol
 Concen: 33.797 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

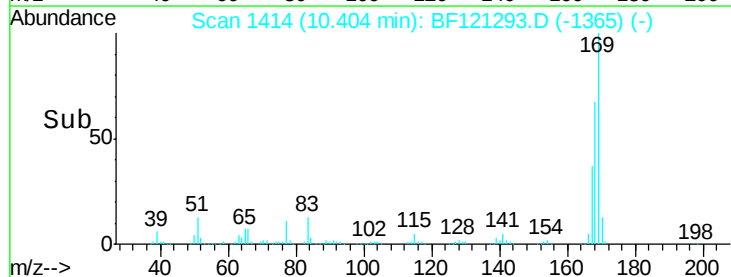
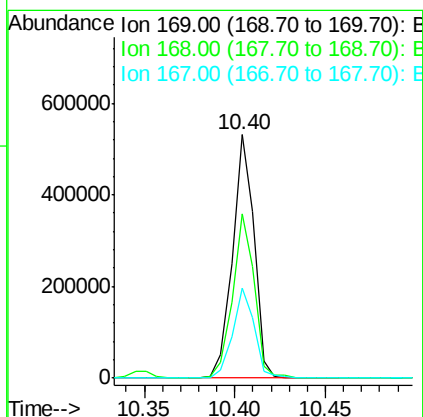
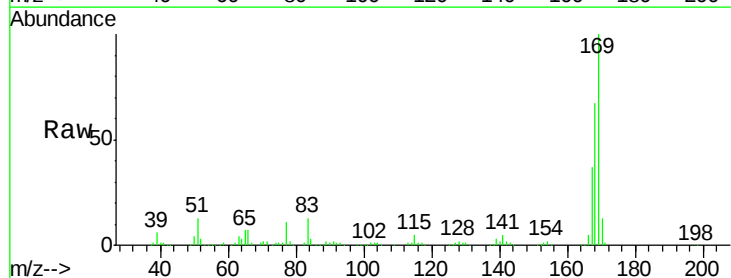
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

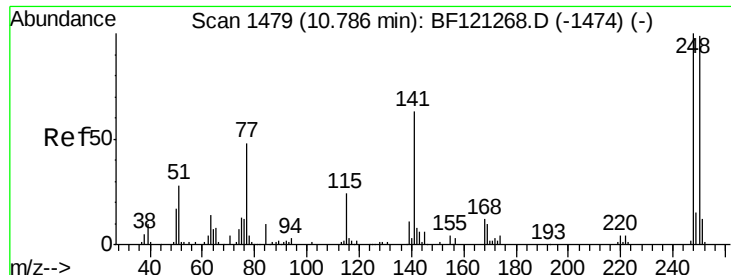
Tot Ion:198 Resp: 64338
 Ion Ratio Lower Upper
 198 100
 51 50.0 29.1 69.1
 105 48.9 28.3 68.3



#66
 n-Nitrosodiphenylamine
 Concen: 39.253 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:169 Resp: 439629
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.2 79.8
 167 36.8 29.2 43.8

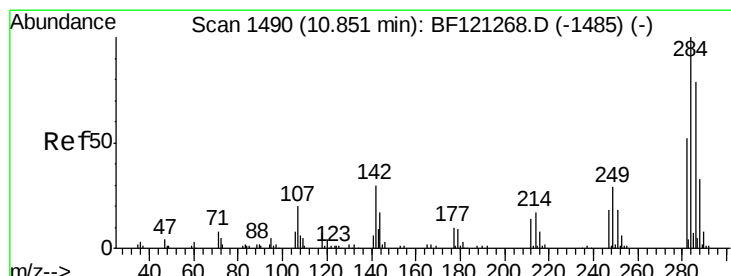
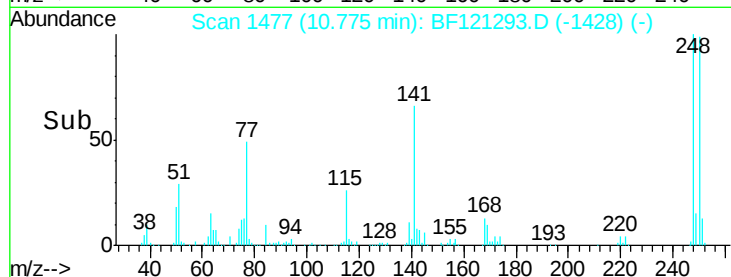
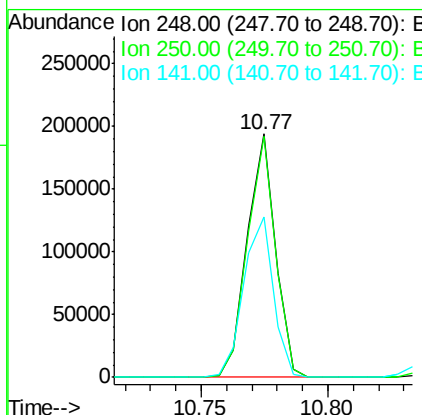
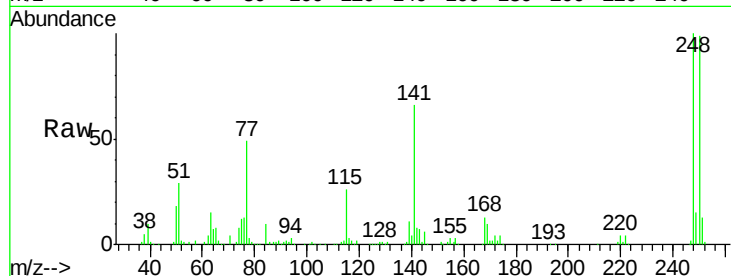




#67
4-Bromophenyl-phenylether
Concen: 39.672 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

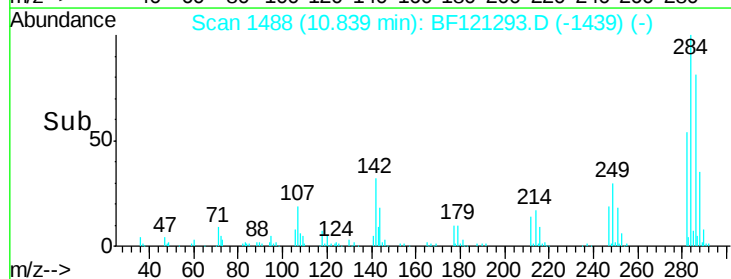
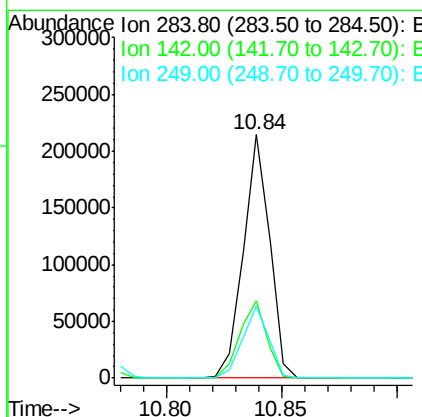
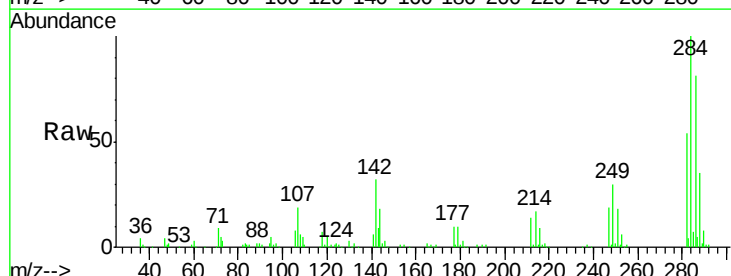
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

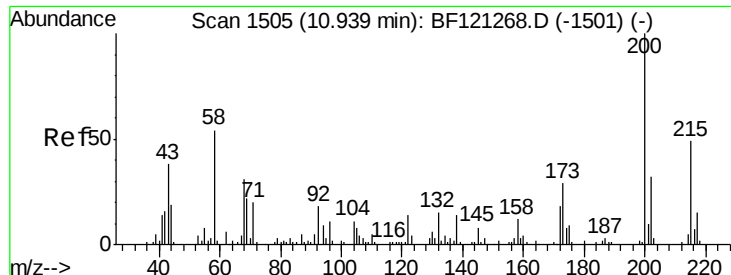
Tot Ion:248 Resp: 151154
Ion Ratio Lower Upper
248 100
250 99.1 77.7 116.5
141 65.7 53.4 80.2



#68
Hexachlorobenzene
Concen: 39.317 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:284 Resp: 170818
Ion Ratio Lower Upper
284 100
142 31.8 26.5 39.7
249 29.5 23.8 35.6

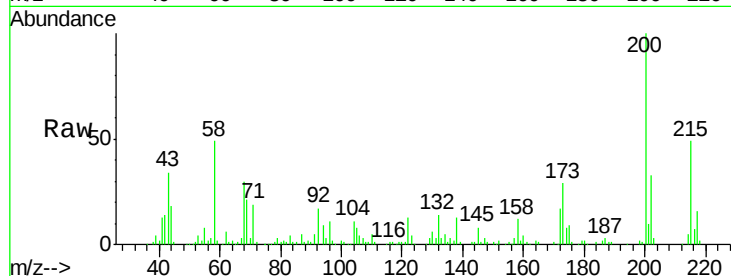




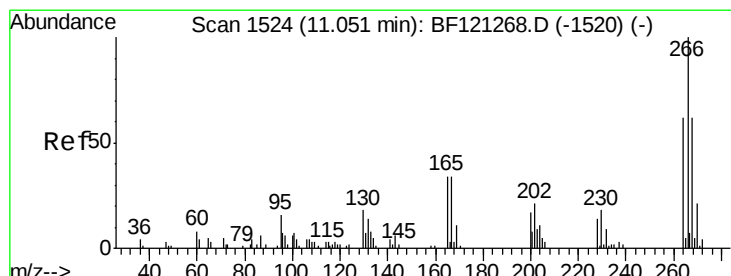
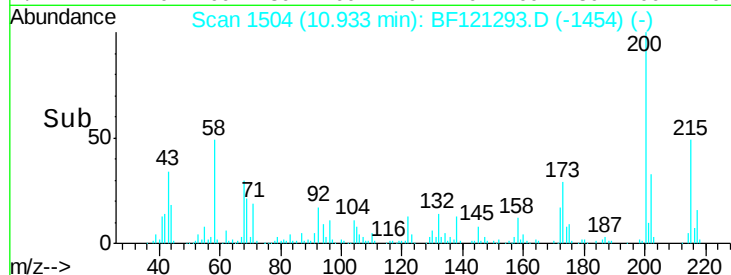
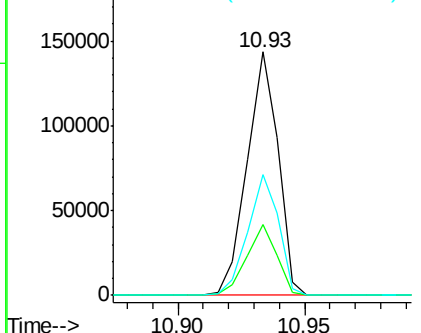
#69
 Atrazine
 Concen: 36.573 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	7.7	47.7
215	49.5	28.9	68.9

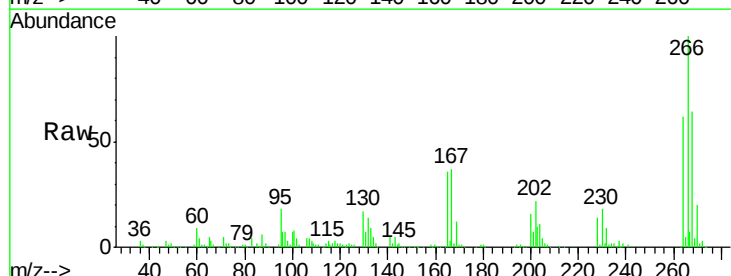


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

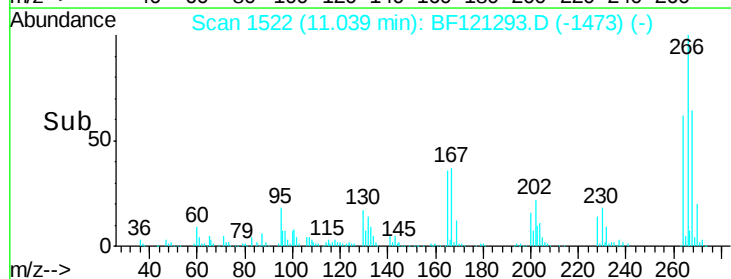
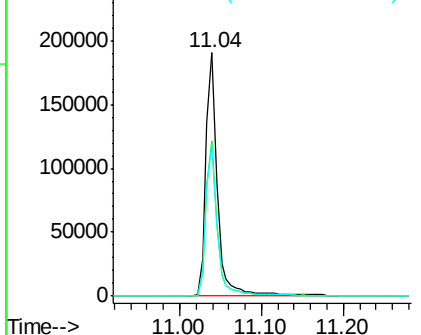


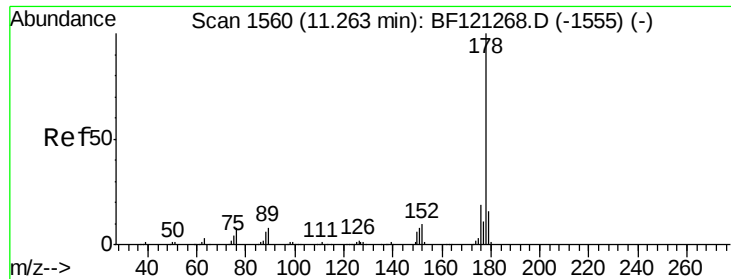
#70
 Pentachlorophenol
 Concen: 96.824 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.0	76.4
264	62.3	50.6	76.0



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: 39.651 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

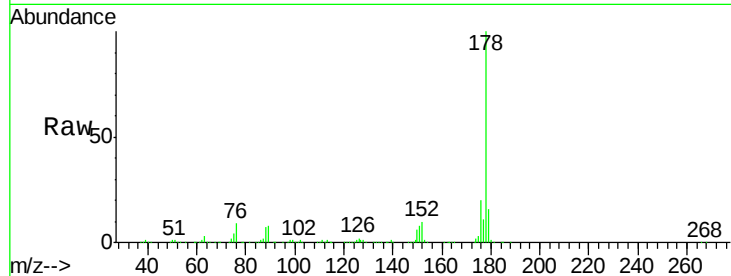
Tot Ion:178 Resp: 740936

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

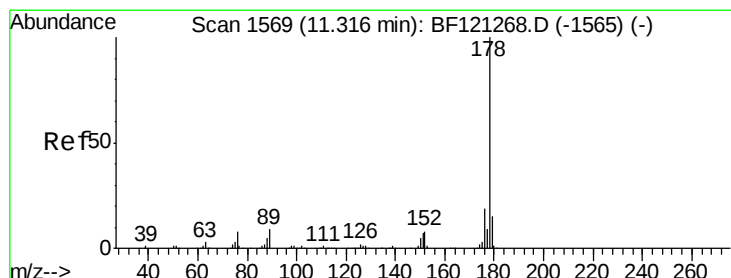
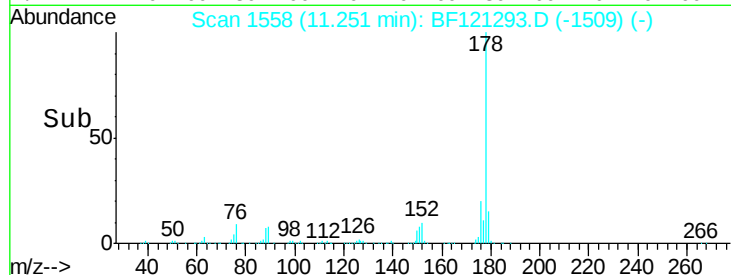
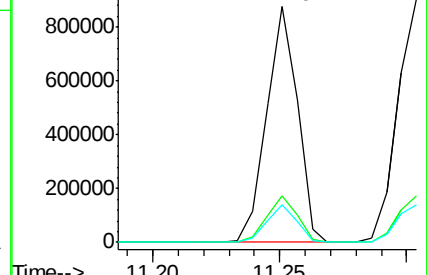
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.774 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

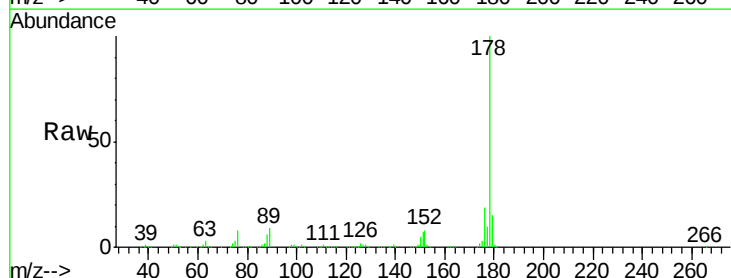
Tgt Ion:178 Resp: 764594

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

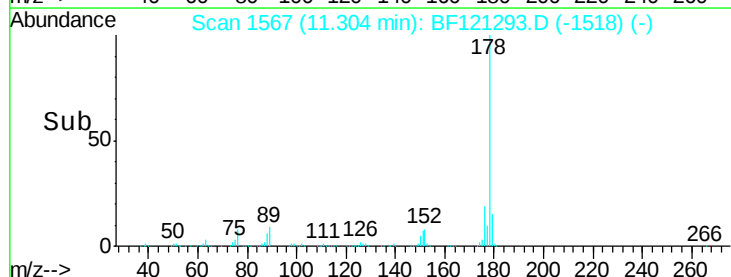
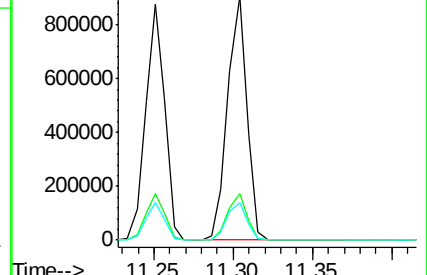
179 15.3 12.4 18.6

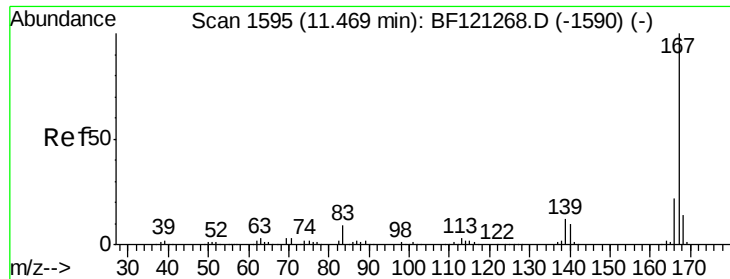


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

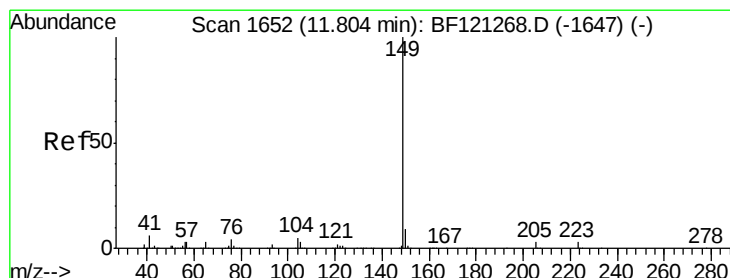
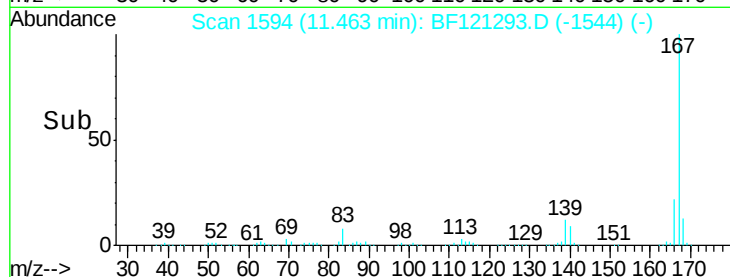
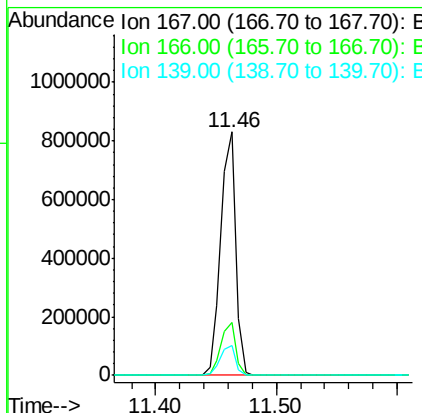
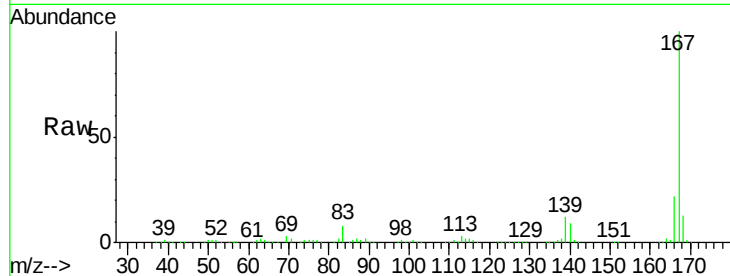




#73
 Carbazole
 Concen: 38.590 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

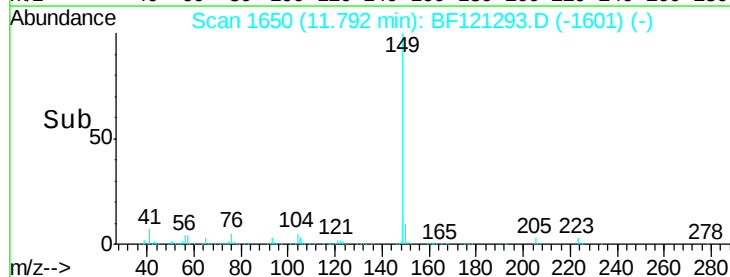
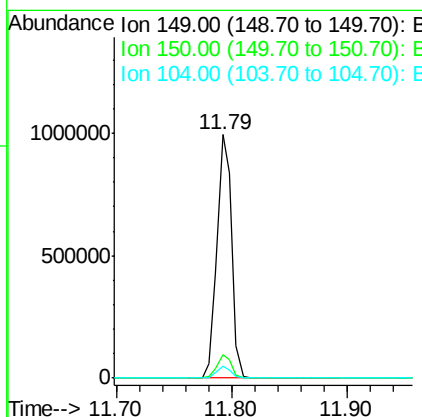
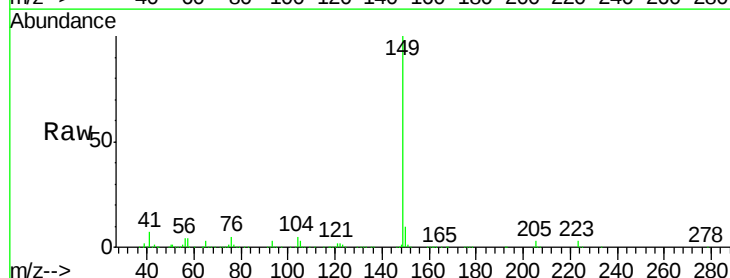
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

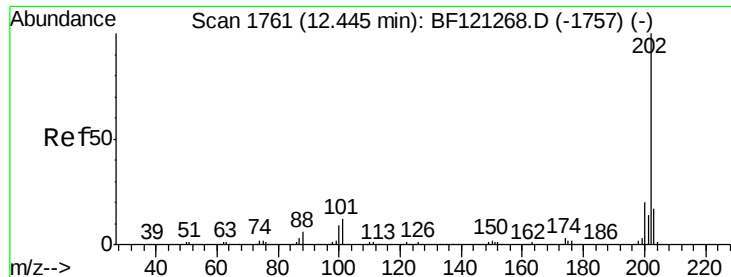
Tot Ion:167 Resp: 707713
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.3 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 41.883 ng
 RT: 11.79 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:149 Resp: 866982
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 41.732 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

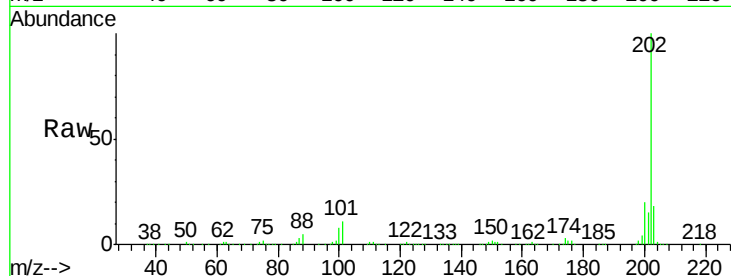
Tot Ion:202 Resp: 868331

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.6

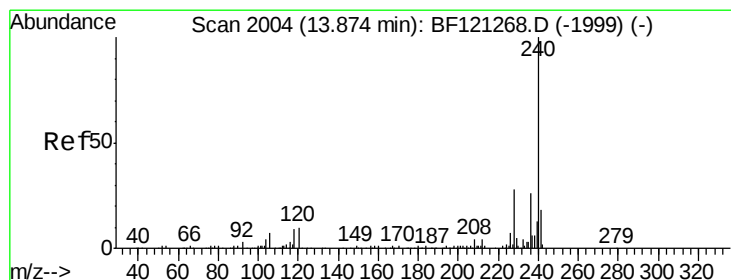
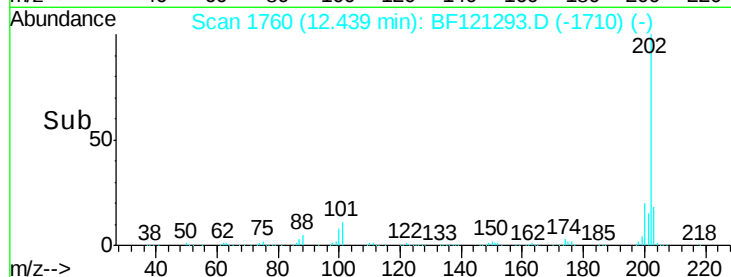
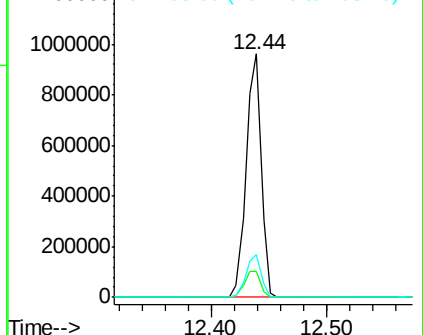
203 17.7 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

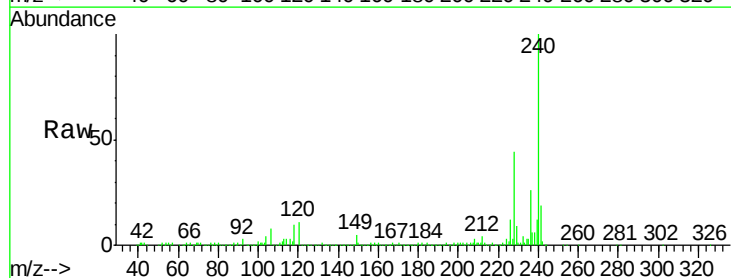
Tgt Ion:240 Resp: 282795

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

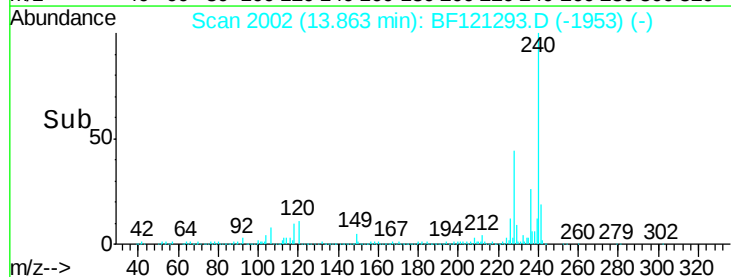
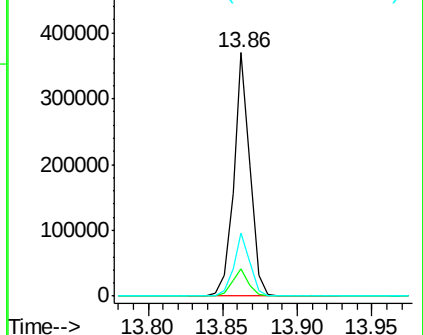
236 25.8 21.0 31.4

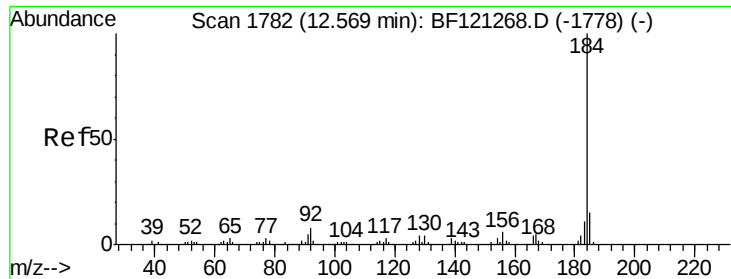


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.817 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

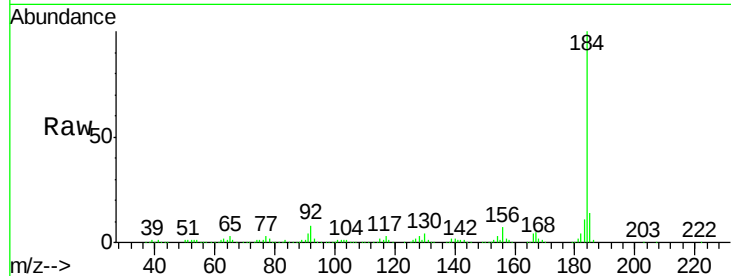
Tot Ion:184 Resp: 496738

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.8

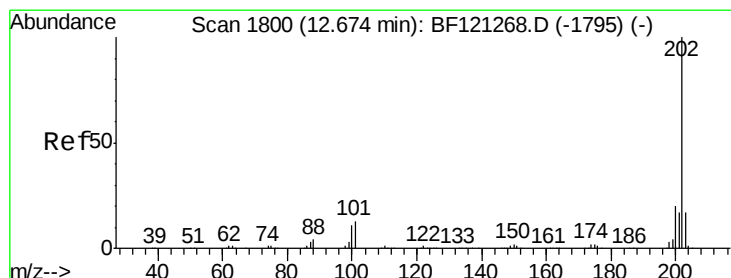
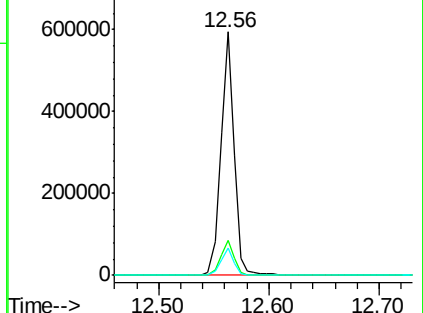
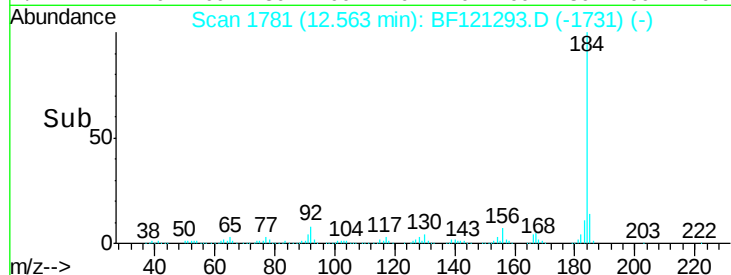
183 11.1 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.512 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

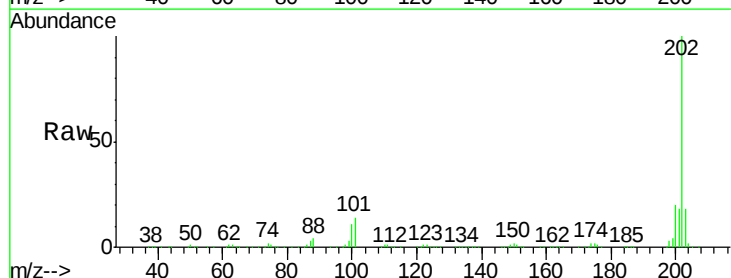
Tgt Ion:202 Resp: 895265

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

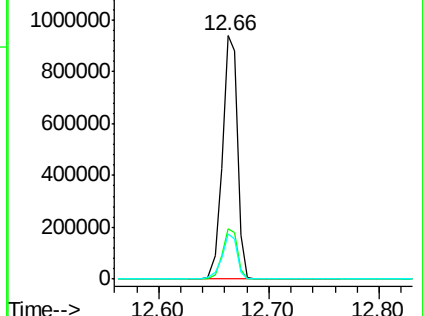
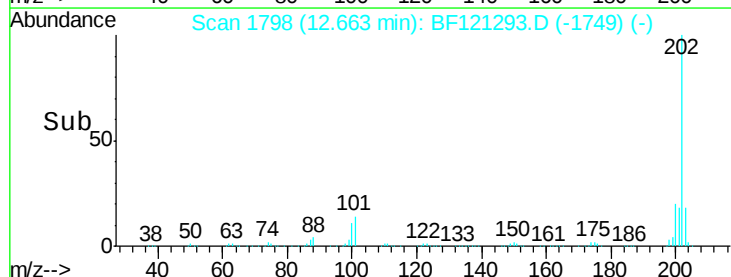
203 18.4 13.8 20.8

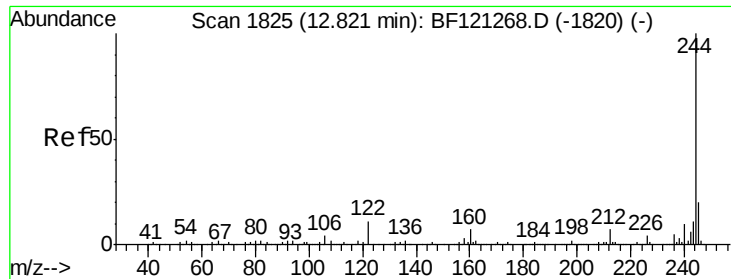


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

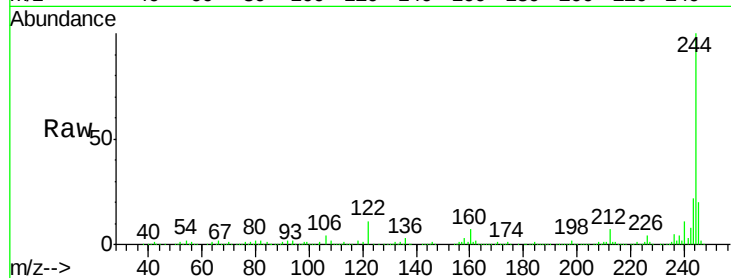




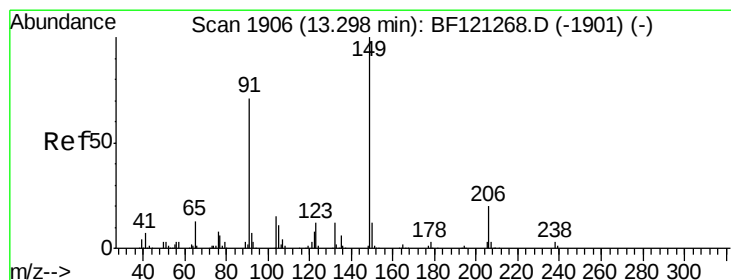
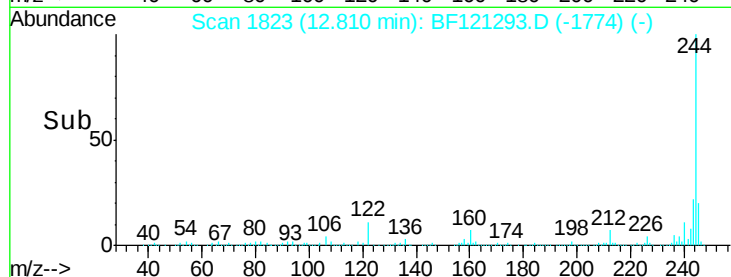
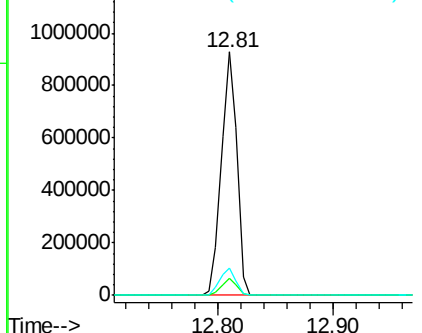
#79
 Terphenyl-d14
 Concen: 59.829 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

Tot Ion:244 Resp: 867949
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 11.2 9.1 13.7

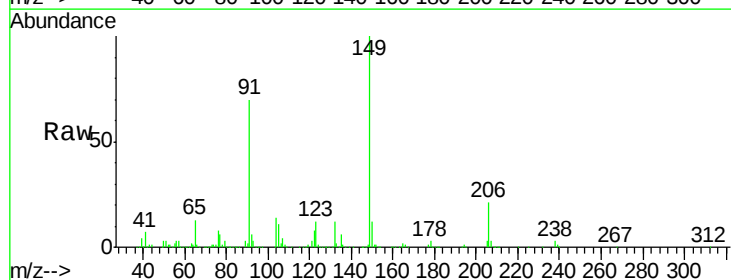


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

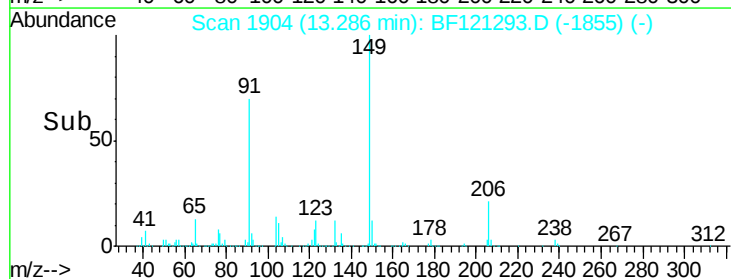
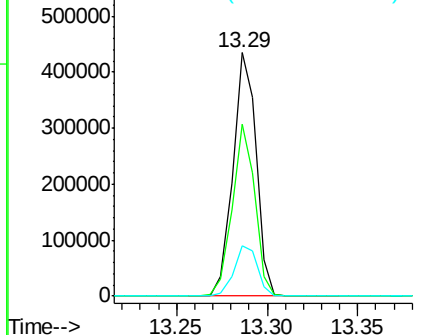


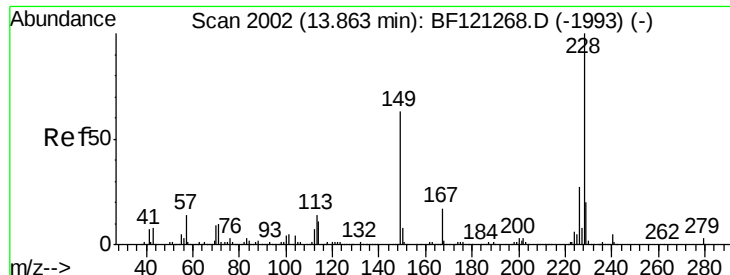
#80
 Butylbenzylphthalate
 Concen: 45.223 ng
 RT: 13.29 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:149 Resp: 389017
 Ion Ratio Lower Upper
 149 100
 91 70.4 55.4 83.2
 206 20.6 16.0 24.0



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: 39.076 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

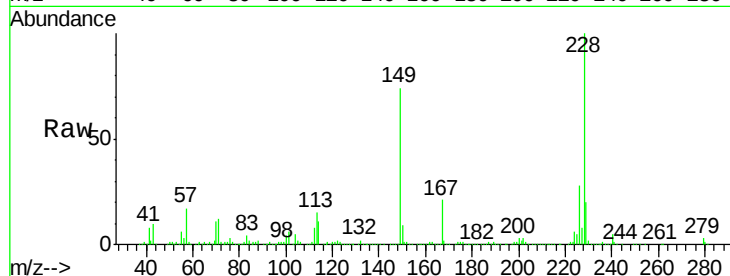
Tot Ion:228 Resp: 749502

Ion Ratio Lower Upper

228 100

226 27.6 22.0 33.0

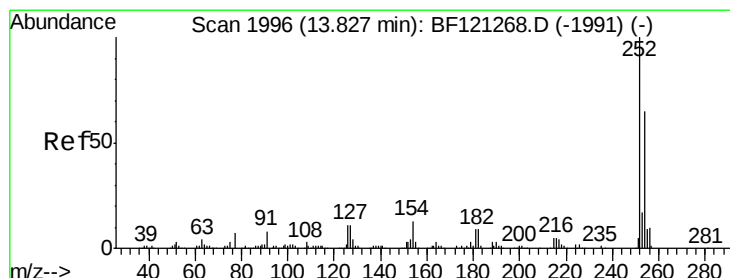
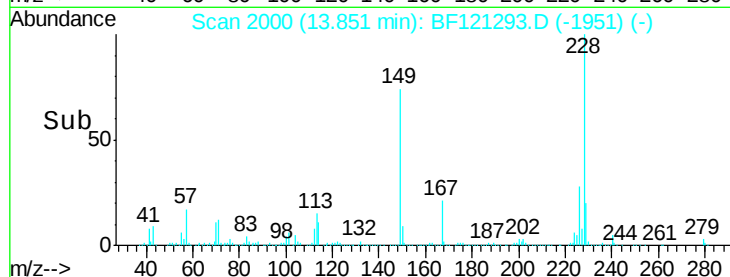
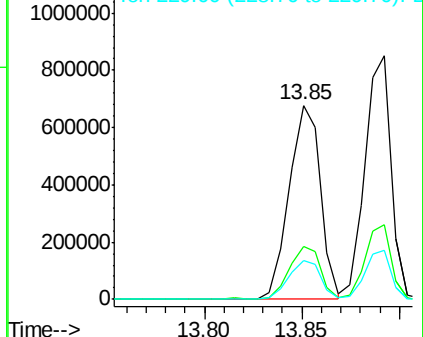
229 19.9 16.0 24.0



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: 33.370 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

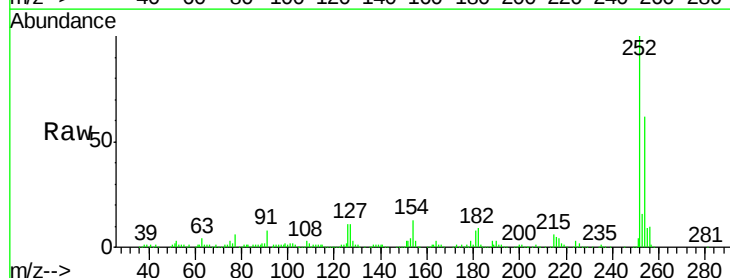
Tgt Ion:252 Resp: 253946

Ion Ratio Lower Upper

252 100

254 62.2 51.4 77.2

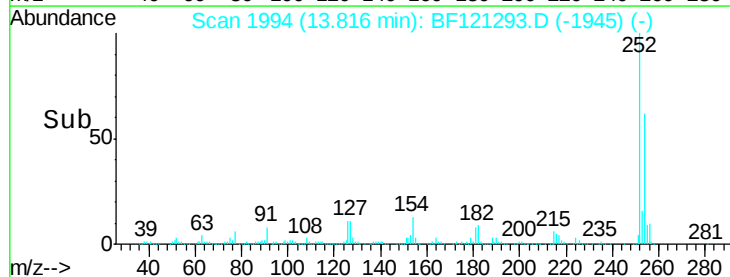
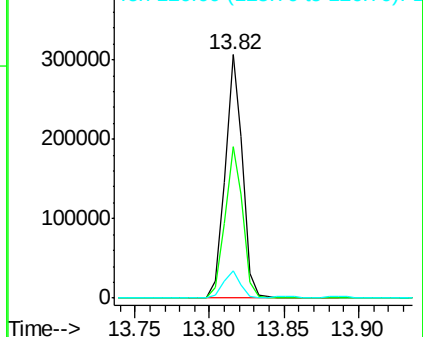
126 11.4 9.7 14.5

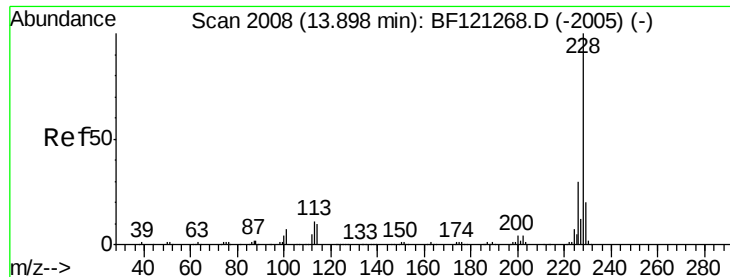


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

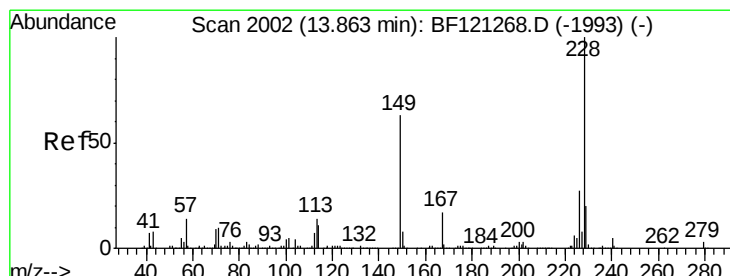
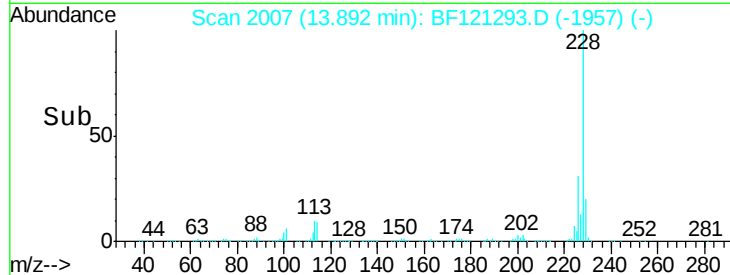
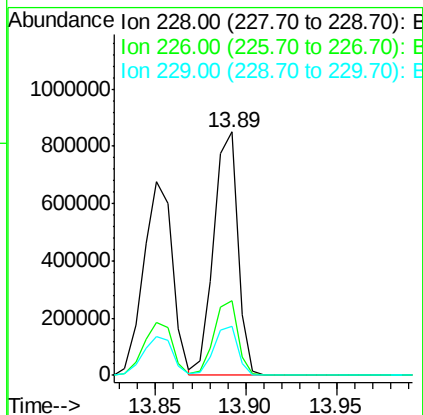
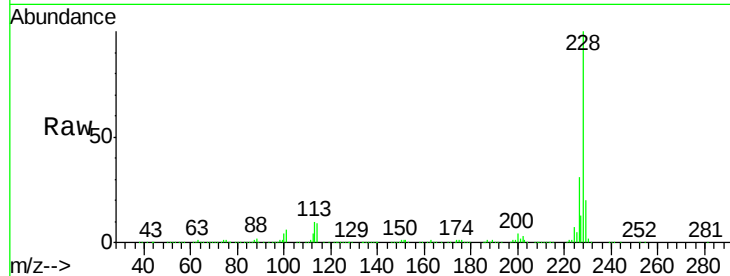




#83
 Chrysene
 Concen: 40.258 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

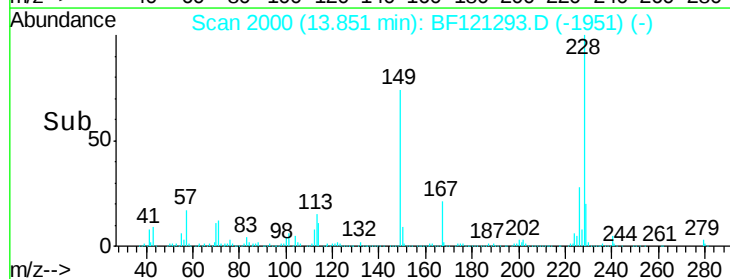
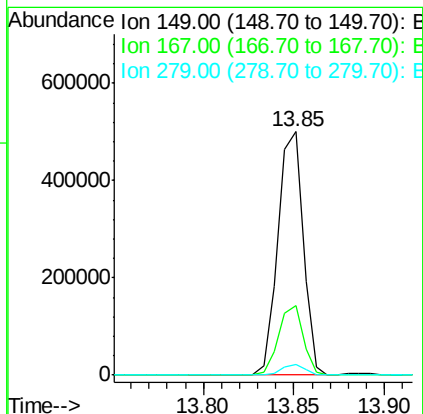
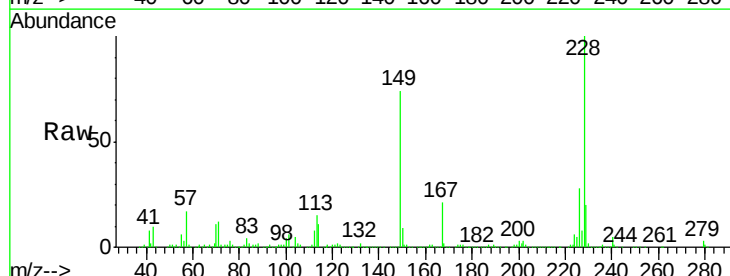
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

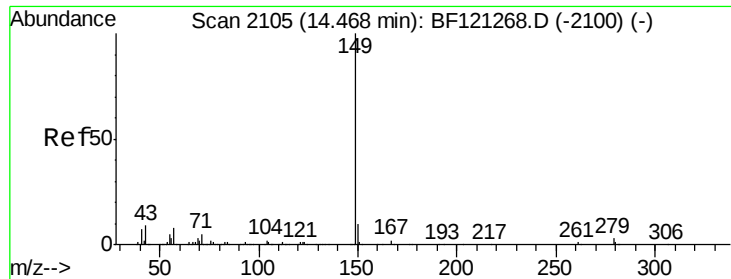
Tot Ion:228 Resp: 788368
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.8 37.2
 229 19.9 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.069 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion:149 Resp: 486934
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.8 32.8
 279 4.6 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 44.823 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

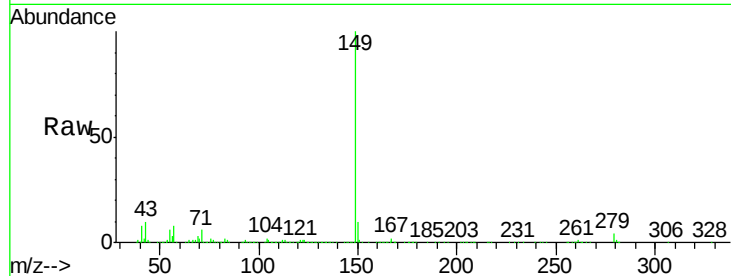
Tot Ion:149 Resp: 974402

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

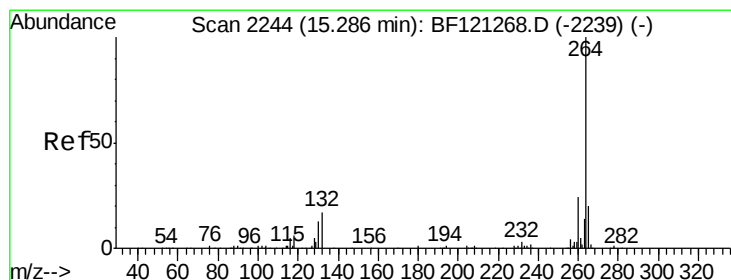
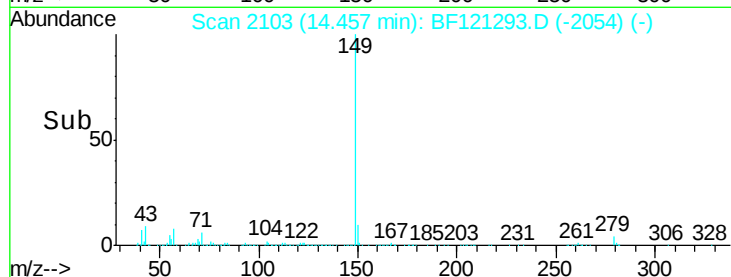
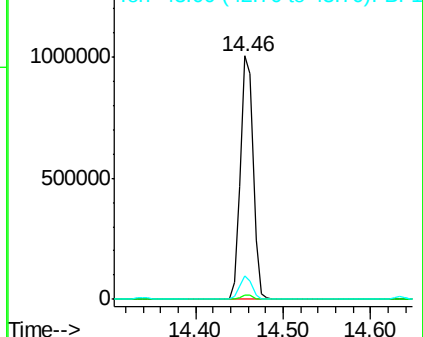
43 8.9 7.4 11.0



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. -0.01 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

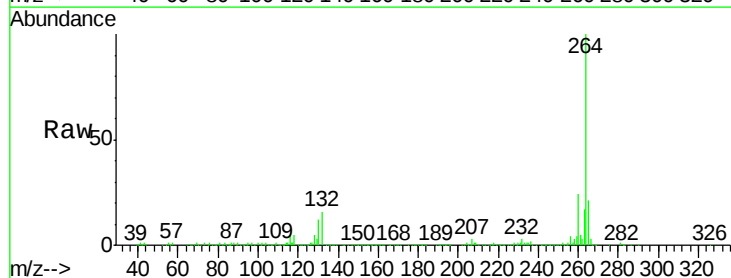
Tgt Ion:264 Resp: 268674

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

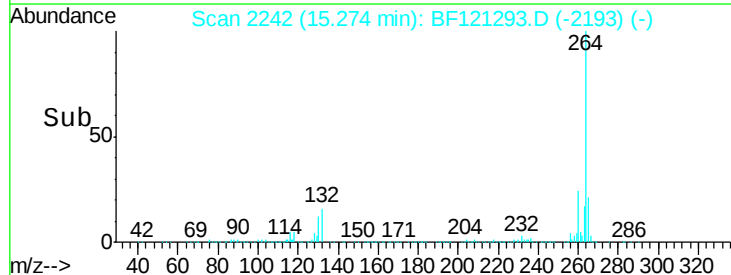
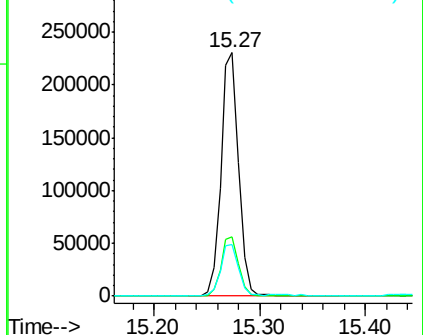
265 21.2 17.1 25.7

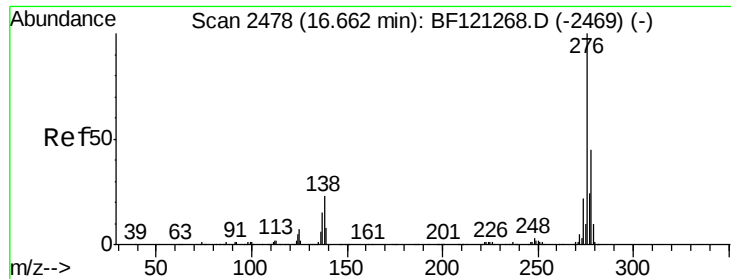


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

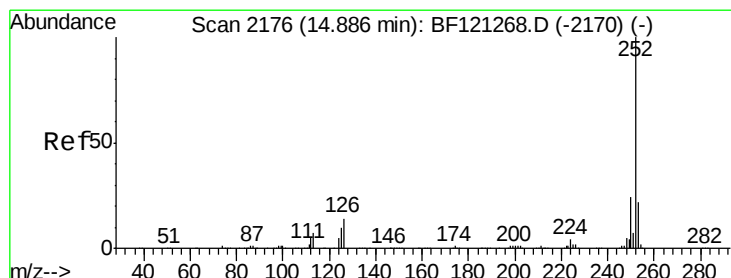
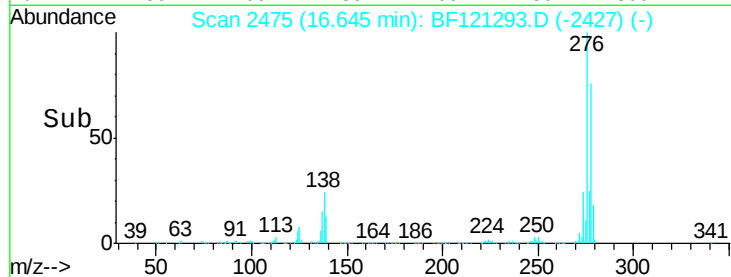
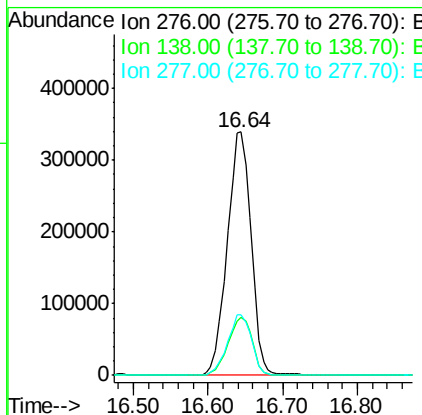
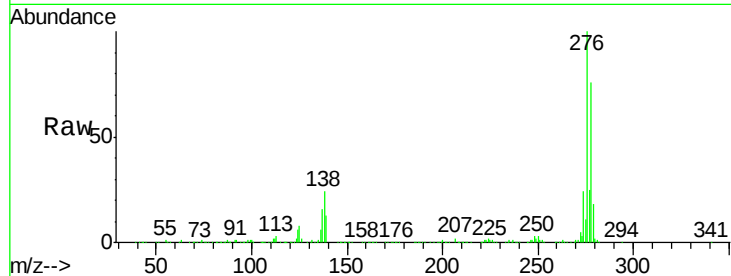




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.801 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.02 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

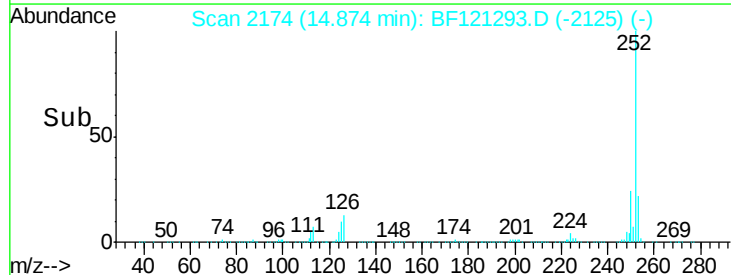
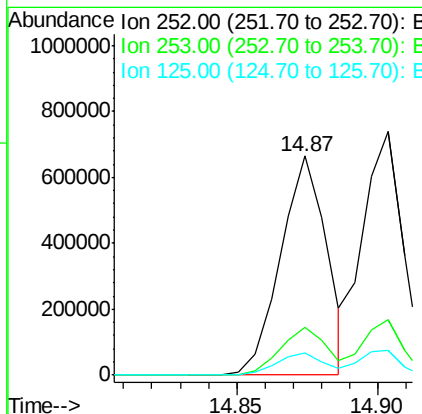
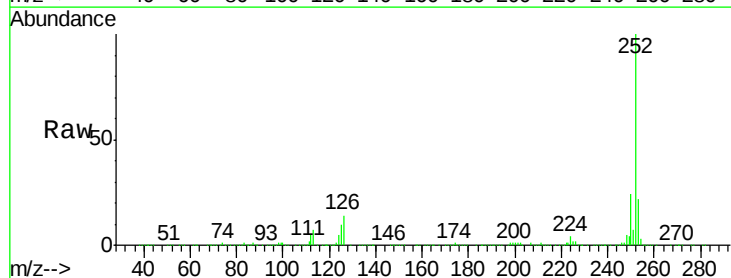
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-4-9FTMS

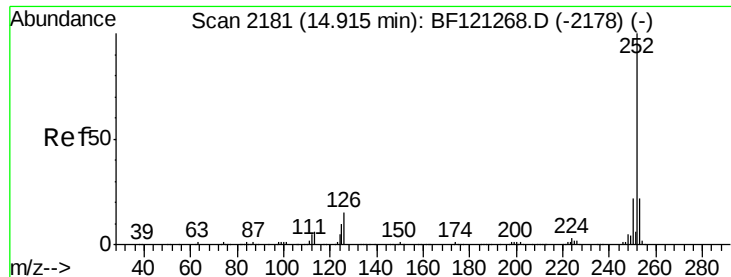
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.6	29.4
277	25.4	20.0	30.0



#88
 Benzo(b)fluoranthene
 Concen: 41.790 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.01 min
 Lab File: BF121293.D
 Acq: 14 Aug 2020 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.2	7.6	11.4

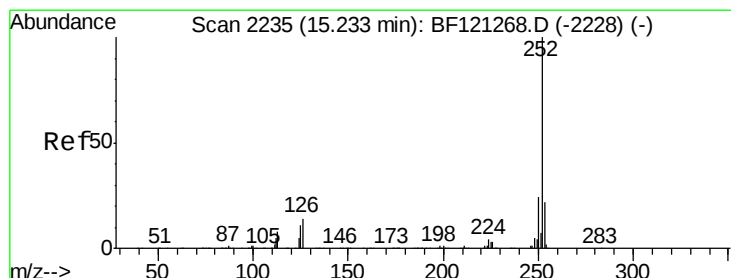
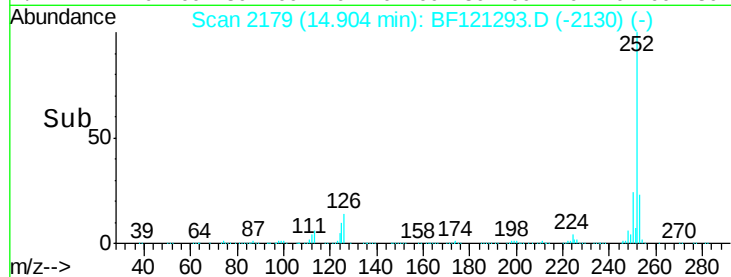
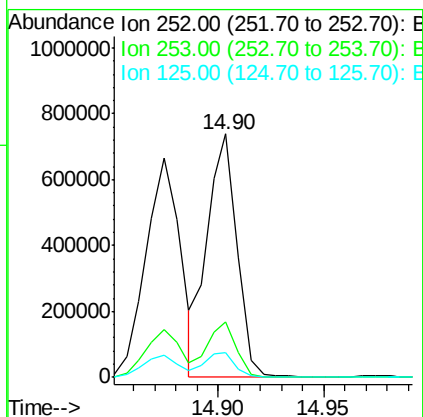
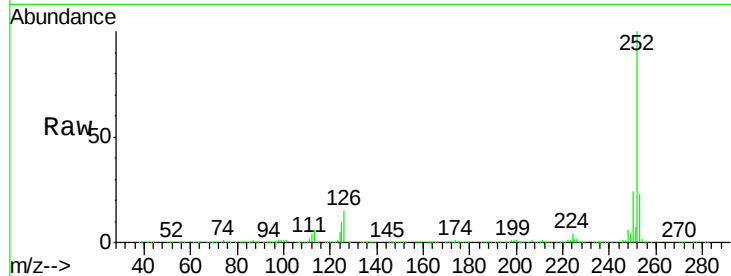




#89
Benzo(k)fluoranthene
Concen: 43.140 ng
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

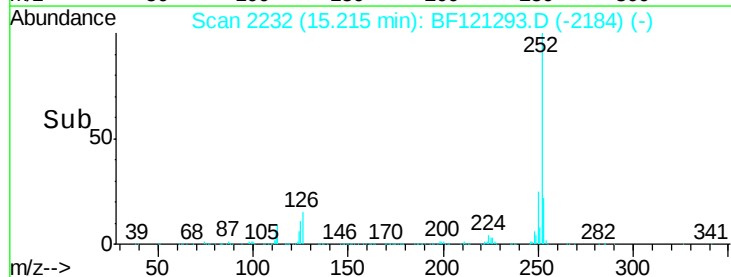
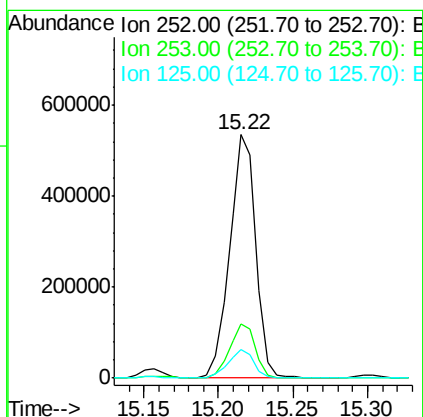
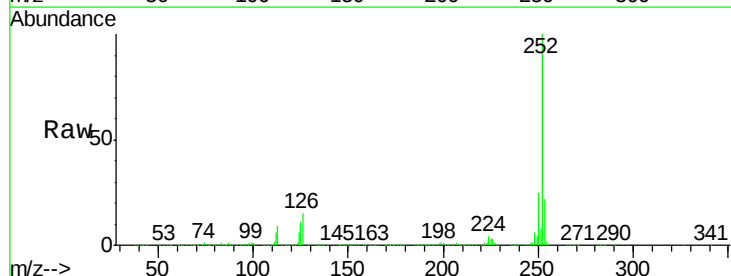
Instrument :
BNA_F
ClientSampleId :
TP-6-4-9FTMS

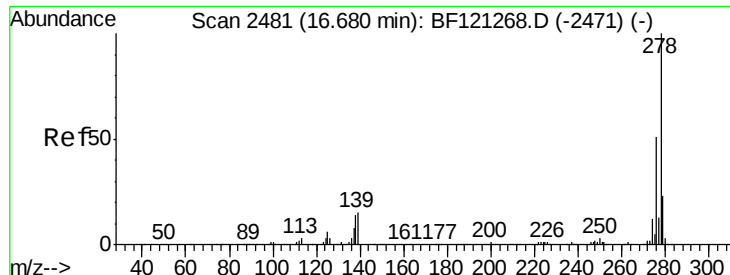
Tot Ion:252 Resp: 721185
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.1 8.8 13.2



#90
Benzo(a)pyrene
Concen: 40.232 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF121293.D
Acq: 14 Aug 2020 19:21

Tgt Ion:252 Resp: 653706
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 11.5 9.3 13.9





#91

Dibenzo(a,h)anthracene

Concen: 36.474 ng

RT: 16.66 min Scan# 2477

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

Instrument :

BNA_F

ClientSampleId :

TP-6-4-9FTMS

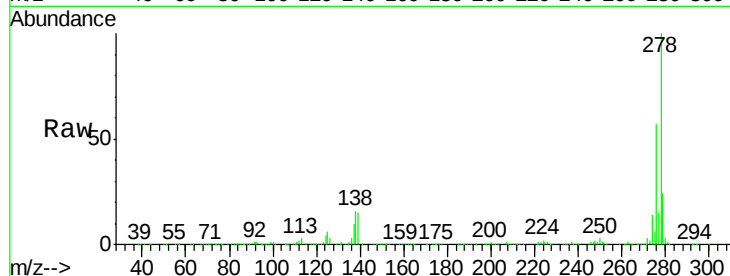
Tot Ion:278 Resp: 624304

Ion Ratio Lower Upper

278 100

139 15.4 12.6 19.0

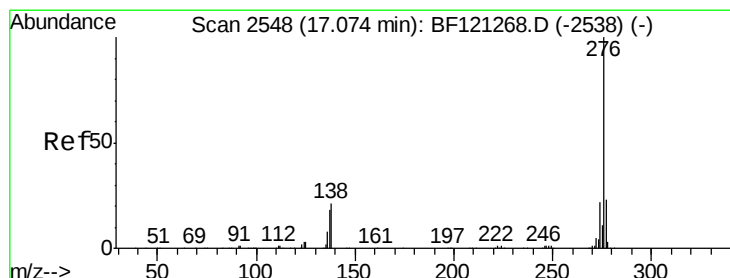
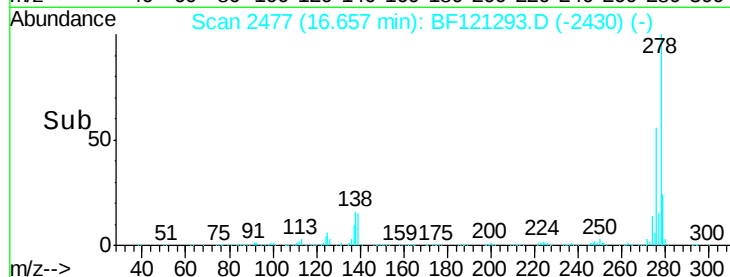
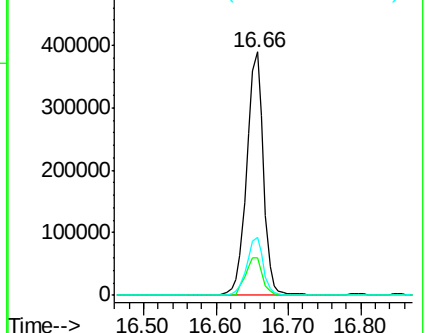
279 23.8 18.8 28.2



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: 38.294 ng

RT: 17.05 min Scan# 2544

Delta R.T. -0.02 min

Lab File: BF121293.D

Acq: 14 Aug 2020 19:21

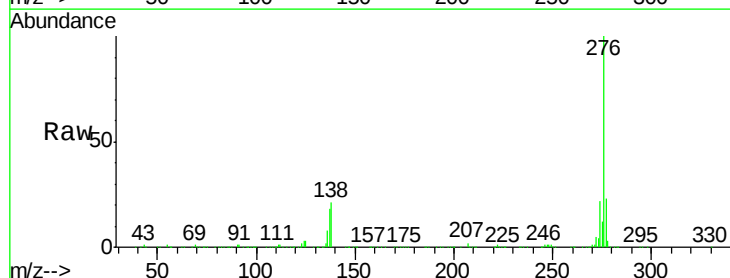
Tgt Ion:276 Resp: 646825

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 21.2 16.2 24.2



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

