

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121460.D
 Acq On : 28 Aug 2020 15:23
 Operator : JU/CG
 Sample : L3507-13MSD 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

Quant Time: Aug 28 16:18:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	299619	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1156626	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	600398	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1050627	20.00	ng	0.00
76) Chrysene-d12	14.02	240	696395	20.00	ng	0.00
86) Perylene-d12	15.49	264	770978	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	293832	16.45	ng	-0.01
7) Phenol-d6	6.47	99	379609	15.21	ng	-0.02
23) Nitrobenzene-d5	7.42	82	228696	13.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	98954	16.32	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	485237	13.04	ng	-0.01
79) Terphenyl-d14	12.97	244	409891	12.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	72668	8.532	ng	98
3) Pyridine	3.39	79	167408	7.218	ng	98
4) n-Nitrosodimethylamine	3.32	42	92503	9.023	ng	# 93
6) Aniline	6.52	93	159744	5.395	ng	99
8) 2-Chlorophenol	6.64	128	197110	10.875	ng	96
9) Benzaldehyde	6.40	77	117589	6.251	ng	99
10) Phenol	6.49	94	249186	10.207	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	193298	9.745	ng	99
12) 1,3-Dichlorobenzene	6.80	146	209684	9.608	ng	98
13) 1,4-Dichlorobenzene	6.87	146	210651	9.632	ng	99
14) 1,2-Dichlorobenzene	7.03	146	200340	9.838	ng	99
15) Benzyl Alcohol	6.99	79	164254	10.028	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	277083	9.429	ng	99
17) 2-Methylphenol	7.10	107	160640	10.186	ng	98
18) Hexachloroethane	7.37	117	70822	9.462	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	145211	10.412	ng	96
20) 3+4-Methylphenols	7.25	107	205982	10.794	ng	# 72
22) Acetophenone	7.26	105	283021	9.928	ng	# 97
24) Nitrobenzene	7.43	77	200419	11.818	ng	99
25) Isophorone	7.67	82	380926	10.010	ng	98
26) 2-Nitrophenol	7.76	139	79399	17.823	ng	99
27) 2,4-Dimethylphenol	7.79	122	174202	11.038	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	239709	9.264	ng	99
29) 2,4-Dichlorophenol	7.99	162	155851	10.001	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	176599	9.251	ng	99
31) Naphthalene	8.16	128	711837	12.397	ng	98
32) Benzoic acid	7.85	122	70757	15.093	ng	96
33) 4-Chloroaniline	8.20	127	130215	5.091	ng	98
34) Hexachlorobutadiene	8.29	225	102703	9.047	ng	99
35) Caprolactam	8.55	113	52099	10.251	ng	99
36) 4-Chloro-3-methylphenol	8.68	107	165532	10.075	ng	99
37) 2-Methylnaphthalene	8.86	142	453558	11.922	ng	98
38) 1-Methylnaphthalene	8.95	142	420832	11.715	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	176864	9.937	ng	99

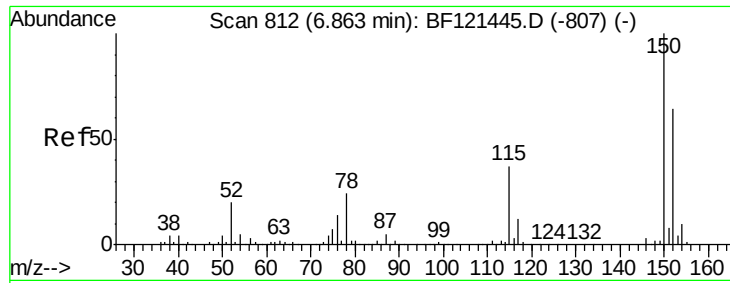
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	52586	7.026	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	113065	10.051	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	117274	10.543	ng	99
46) 1,1'-Biphenyl	9.32	154	487439	10.759	ng	98
47) 2-Chloronaphthalene	9.34	162	351243	9.432	ng	98
48) 2-Nitroaniline	9.43	65	100577	14.938	ng	95
49) Acenaphthylene	9.76	152	606094	10.851	ng	97
50) Dimethylphthalate	9.62	163	452409	10.970	ng	98
51) 2,6-Dinitrotoluene	9.67	165	79454	15.324	ng	99
52) Acenaphthene	9.93	154	392481	11.128	ng	99
53) 3-Nitroaniline	9.84	138	69971	11.750	ng	95
54) 2,4-Dinitrophenol	9.95	184	8557	10.182	ng	# 78
55) Dibenzofuran	10.10	168	564880	11.025	ng	96
56) 4-Nitrophenol	9.99	139	137402	23.417	ng	90
57) 2,4-Dinitrotoluene	10.07	165	93229	15.589	ng	# 99
58) Fluorene	10.45	166	502785	13.018	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	97143	10.489	ng	# 98
60) Diethylphthalate	10.32	149	425180	10.261	ng	97
61) 4-Chlorophenyl-phenylether	10.44	204	193383	9.993	ng	96
62) 4-Nitroaniline	10.45	138	82305	11.931	ng	96
63) Azobenzene	10.60	77	402060	9.812	ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	10326	10.815	ng	95
66) n-Nitrosodiphenylamine	10.55	169	354308	10.663	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	113579	9.827	ng	95
68) Hexachlorobenzene	10.99	284	124051	9.178	ng	99
69) Atrazine	11.08	200	94951	9.853	ng	98
70) Pentachlorophenol	11.18	266	123383	19.982	ng	99
71) Phenanthrene	11.41	178	1165298	21.613	ng	97
72) Anthracene	11.46	178	747285	14.092	ng	96
73) Carbazole	11.61	167	541975	10.599	ng	97
74) Di-n-butylphthalate	11.95	149	648564	11.417	ng	98
75) Fluoranthene	12.60	202	1360535	23.414	ng	96
77) Benzidine	12.72	184	238495	15.703	ng	99
78) Pyrene	12.83	202	1257411	25.282	ng	97
80) Butylbenzylphthalate	13.45	149	225691	11.779	ng	94
81) Benzo(a)anthracene	14.01	228	777473	18.289	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	135070	8.675	ng	98
83) Chrysene	14.05	228	738038	17.353	ng	98
84) Bis(2-ethylhexyl)phthalate	14.01	149	313932	12.686	ng	99
85) Di-n-octyl phthalate	14.62	149	523490	12.482	ng	98
87) Indeno(1,2,3-cd)pyrene	16.96	276	670246	14.129	ng	98
88) Benzo(b)fluoranthene	15.06	252	886191	17.670	ng	99
89) Benzo(k)fluoranthene	15.09	252	532741	11.420	ng	99
90) Benzo(a)pyrene	15.43	252	709417	15.731	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	448616	11.553	ng	99
92) Benzo(g,h,i)perylene	17.40	276	564973	15.104	ng	99

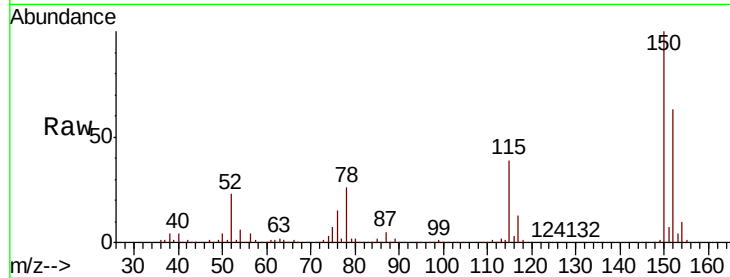
(#) = qualifier out of range (m) = manual integration (+) = signals summed



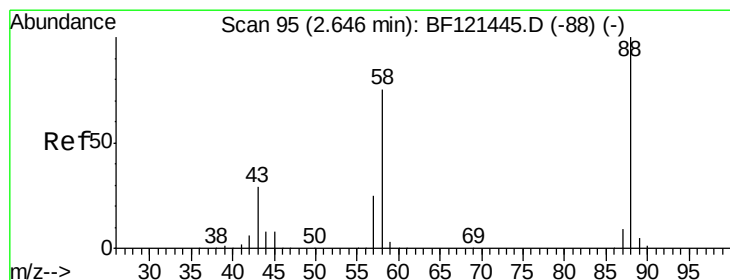
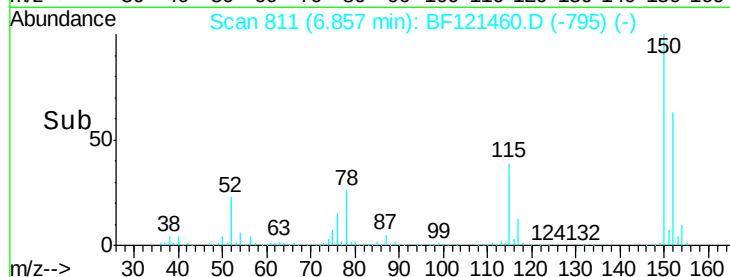
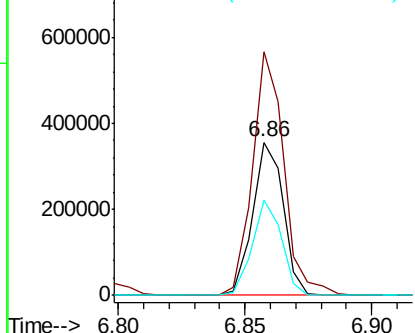
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

Tot Ion:152 Resp: 299619
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.8 188.6
 115 62.3 46.6 69.8

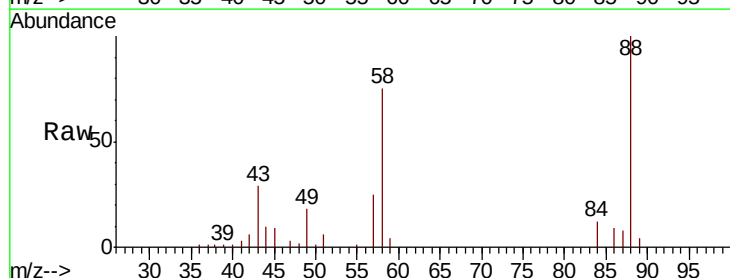


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

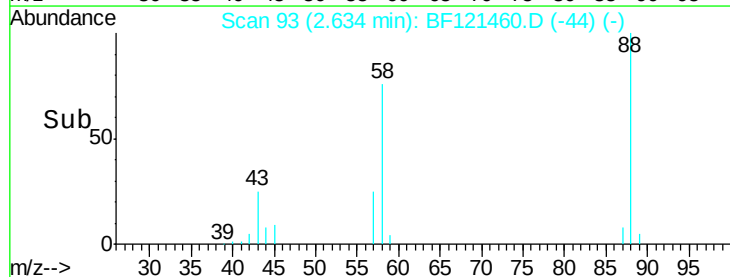
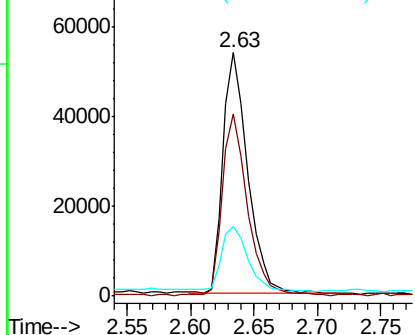


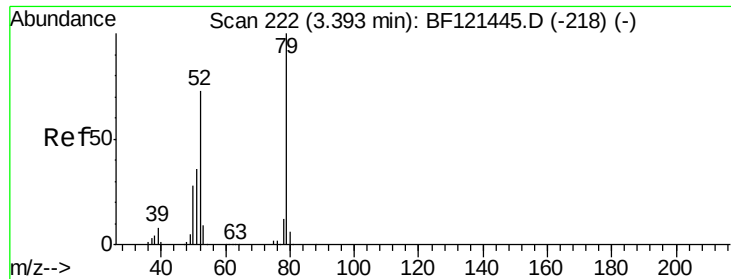
#2
 1,4-Dioxane
 Concen: 8.532 ng
 RT: 2.63 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion: 88 Resp: 72668
 Ion Ratio Lower Upper
 88 100
 58 78.7 61.1 91.7
 43 28.3 23.4 35.0



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





#3

Pvridine

Concen: 7.218 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

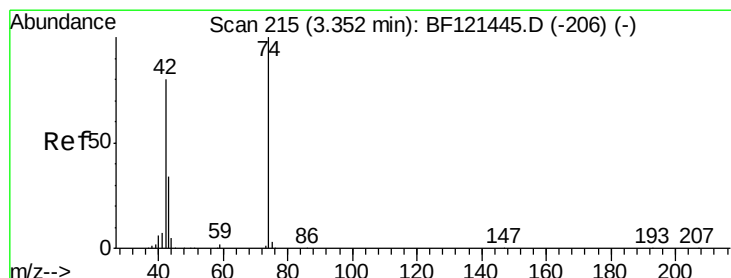
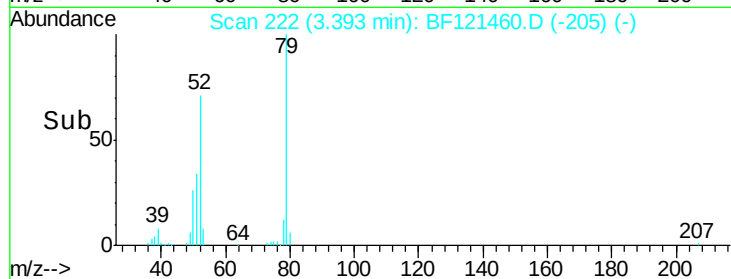
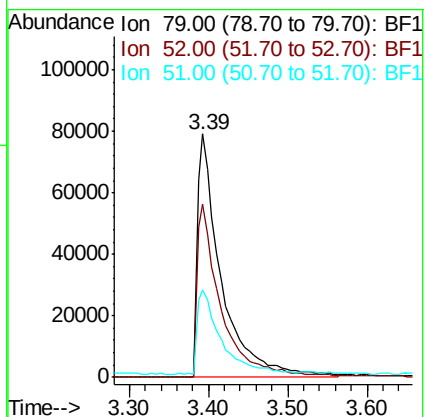
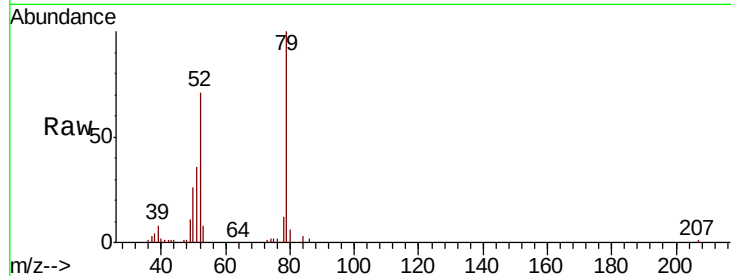
Tot Ion: 79 Resp: 167408

Ion Ratio Lower Upper

79 100

52 71.2 58.2 87.4

51 35.9 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 9.023 ng

RT: 3.32 min Scan# 209

Delta R.T. -0.04 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

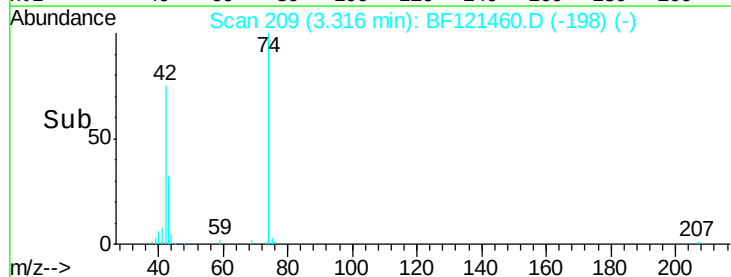
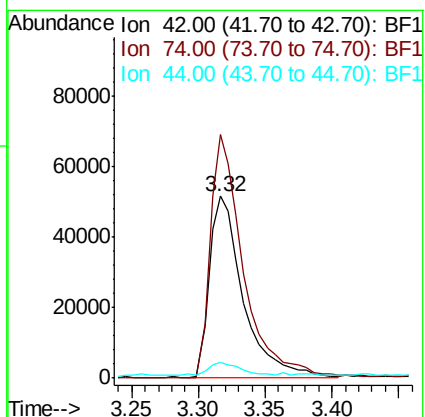
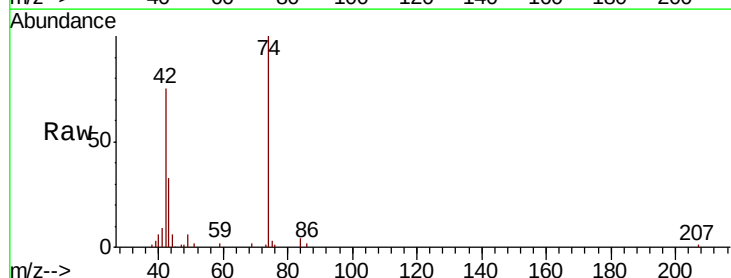
Tgt Ion: 42 Resp: 92503

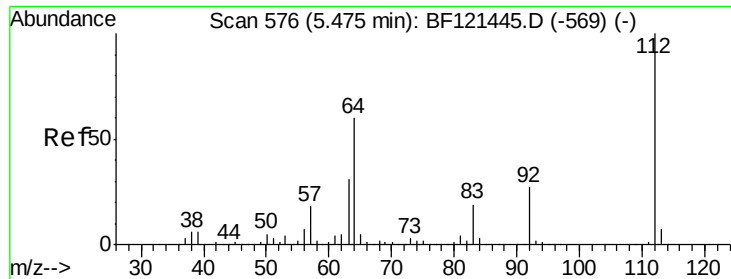
Ion Ratio Lower Upper

42 100

74 133.9 100.2 150.4

44 8.6 5.4 8.0#





#5

2-Fluorophenol

Concen: 16.453 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

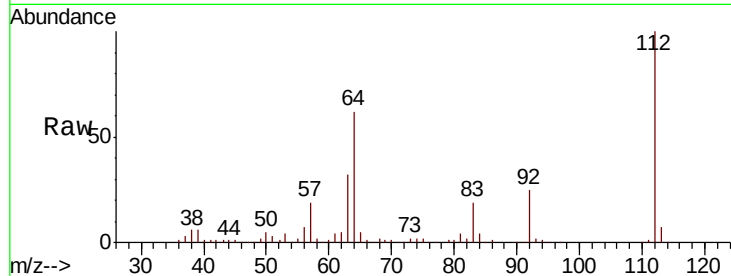
Tot Ion:112 Resp: 293832

Ion Ratio Lower Upper

112 100

64 61.6 48.2 72.2

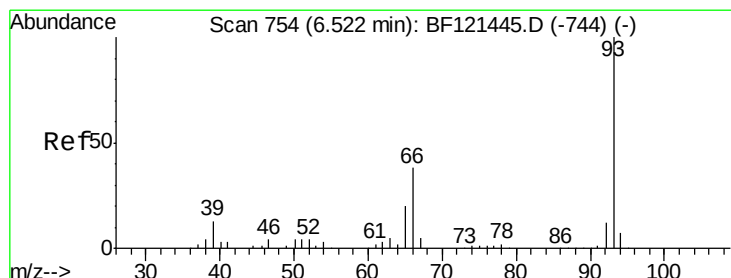
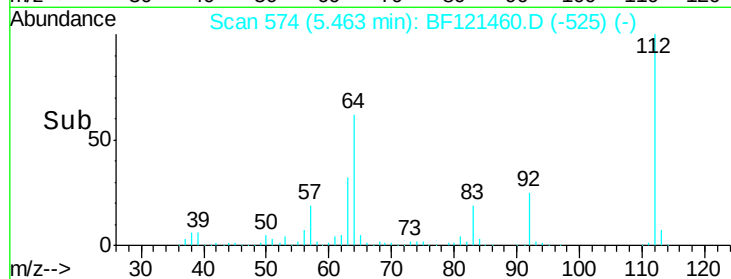
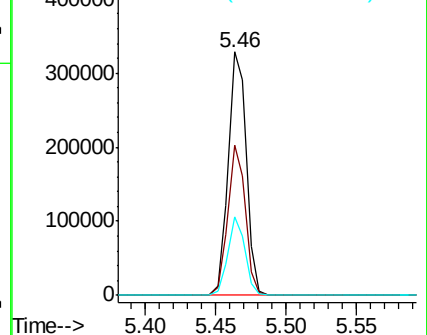
63 32.0 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.395 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

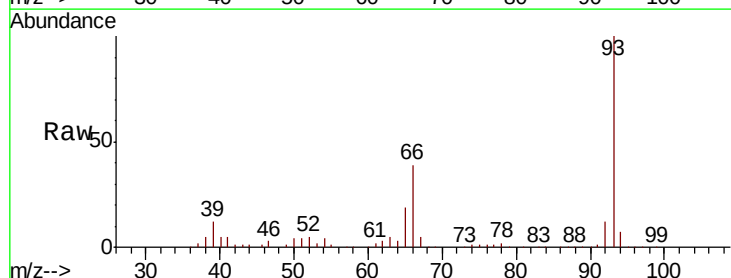
Tgt Ion: 93 Resp: 159744

Ion Ratio Lower Upper

93 100

66 38.6 30.9 46.3

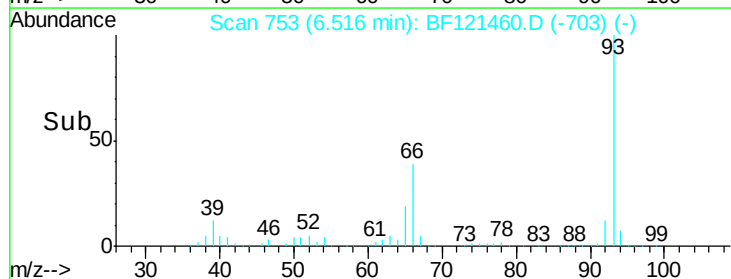
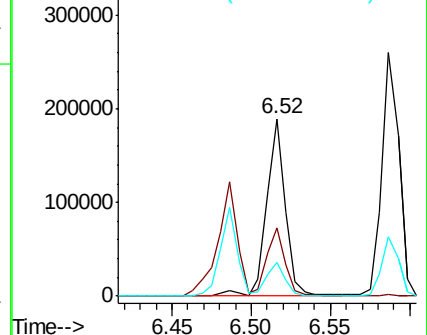
65 19.1 15.9 23.9

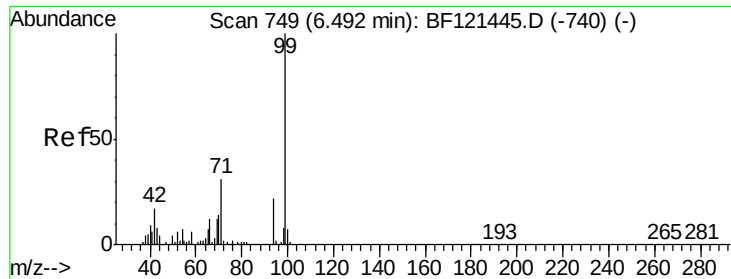


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 15.211 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

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SU-03-082720MSD

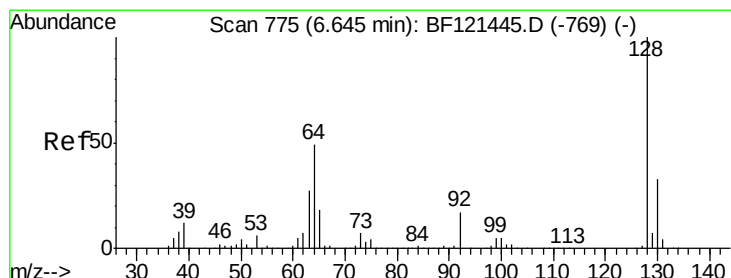
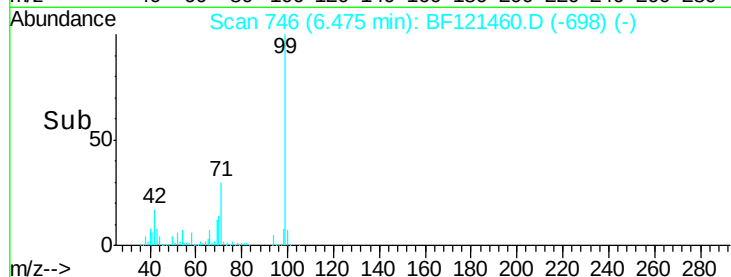
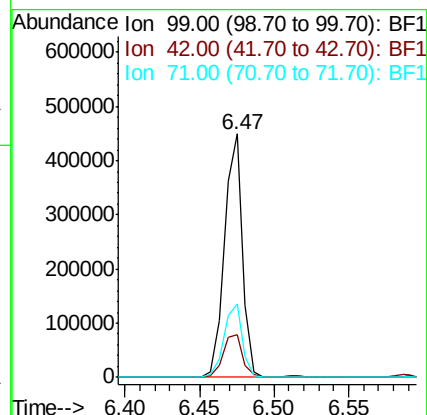
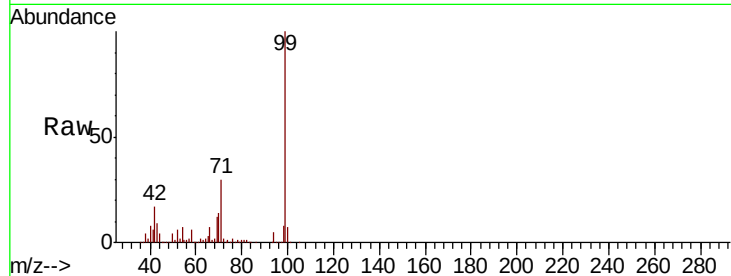
Tot Ion: 99 Resp: 379609

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 30.1 24.6 37.0



#8

2-Chlorophenol

Concen: 10.875 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

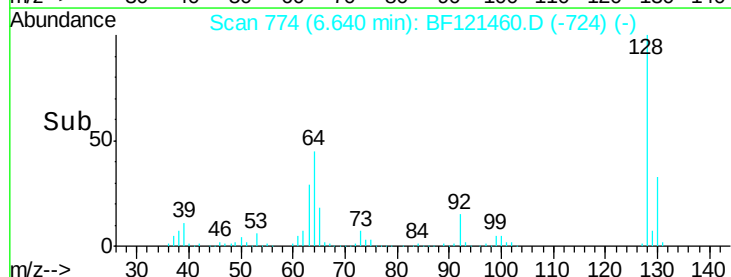
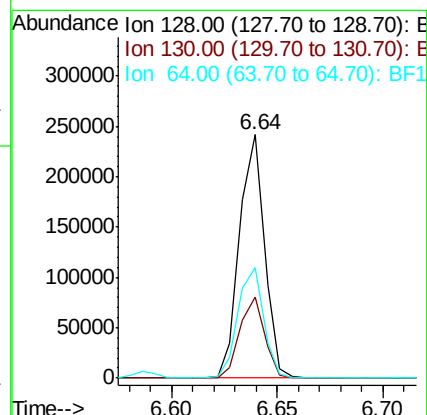
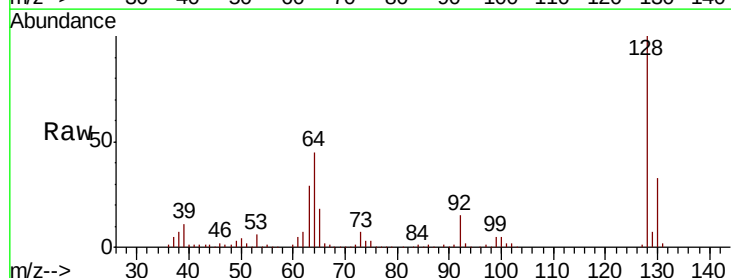
Tgt Ion: 128 Resp: 197110

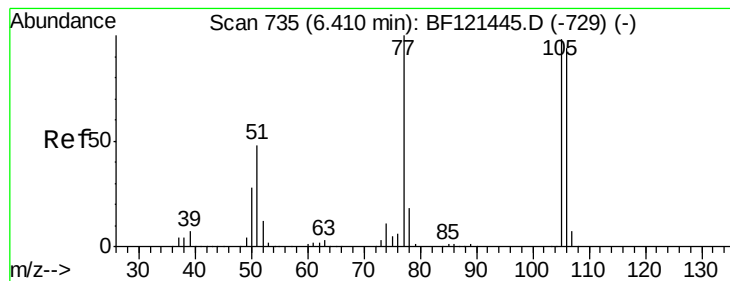
Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

64 45.3 29.5 69.5





#9

Benzaldehyde

Concen: 6.251 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

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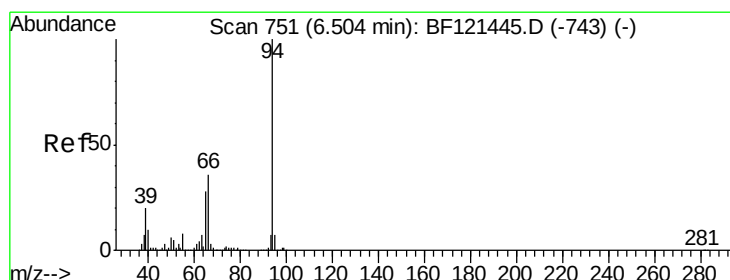
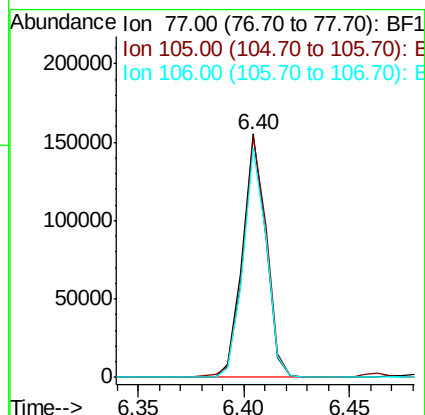
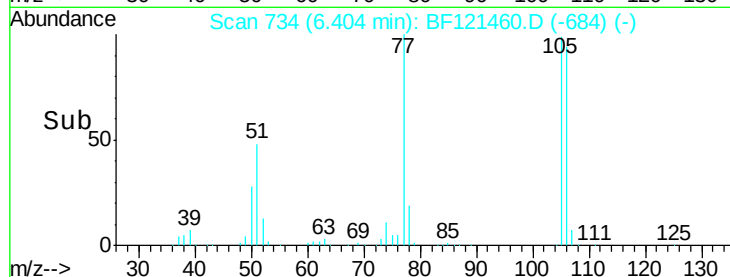
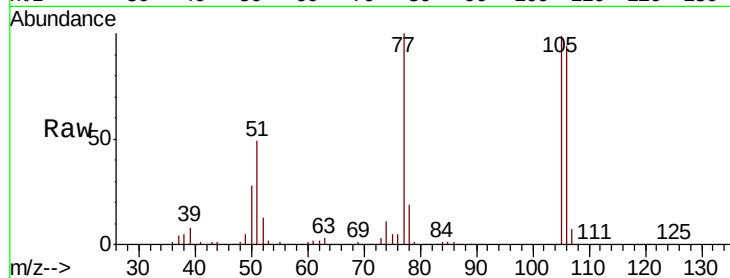
Tot Ion: 77 Resp: 117589

Ion Ratio Lower Upper

77 100

105 99.2 78.1 118.1

106 94.4 74.3 114.3



#10

Phenol

Concen: 10.207 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

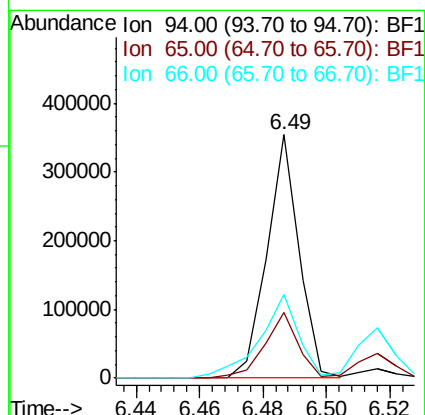
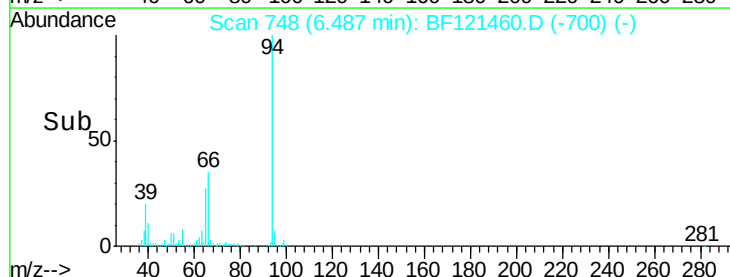
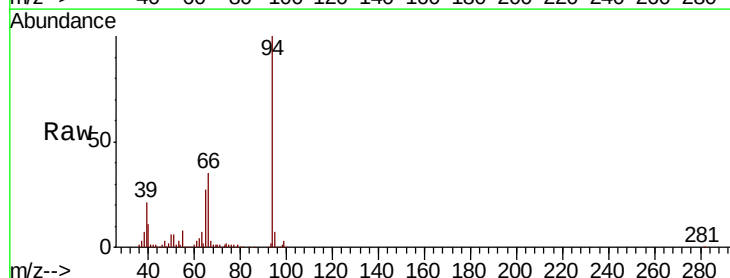
Tgt Ion: 94 Resp: 249186

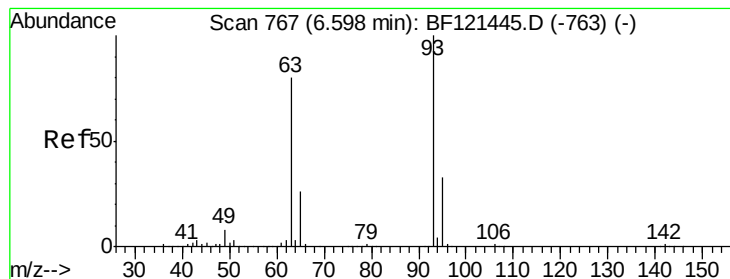
Ion Ratio Lower Upper

94 100

65 26.9 7.9 47.9

66 34.6 16.0 56.0

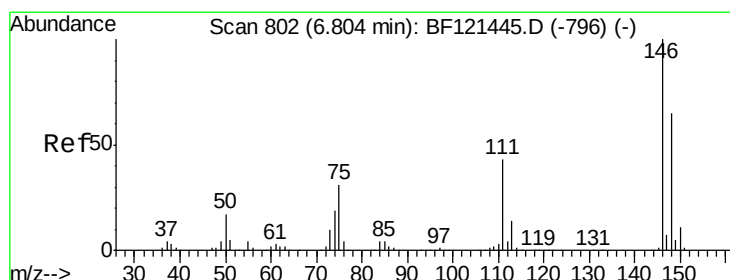
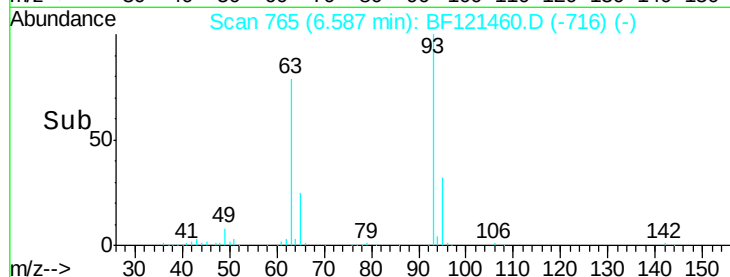
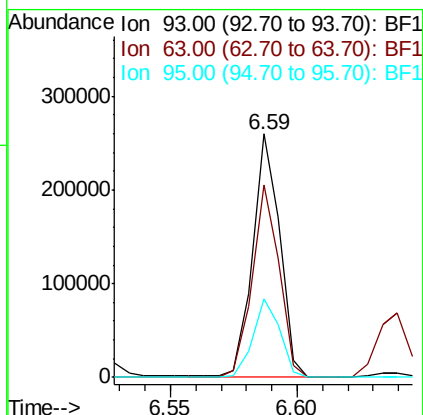
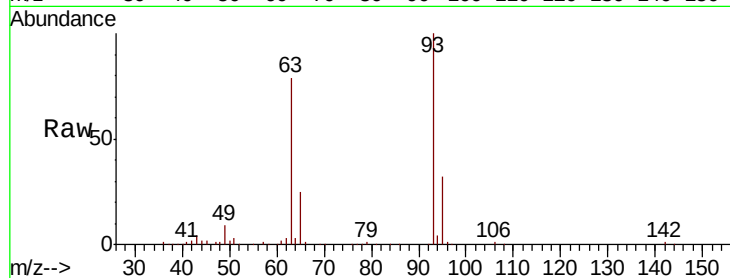




#11
bis(2-Chloroethyl)ether
Concen: 9.745 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

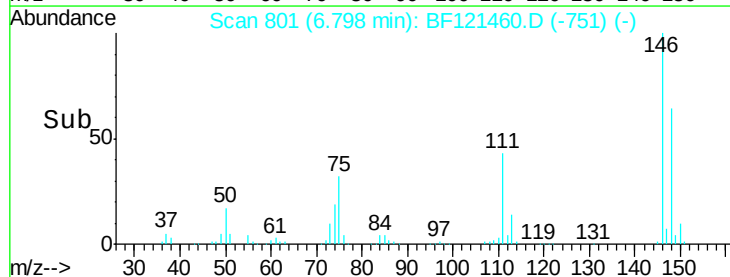
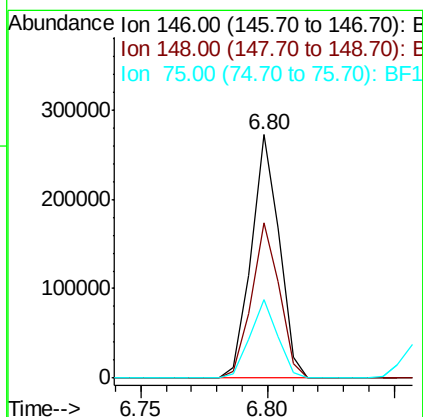
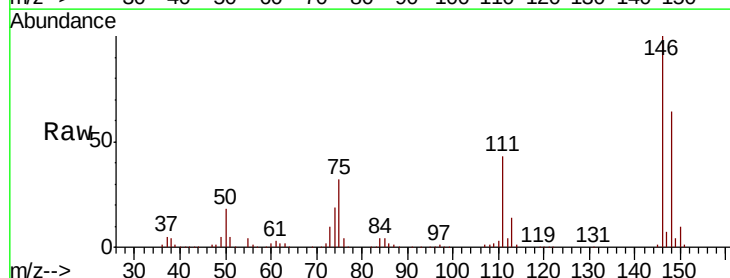
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

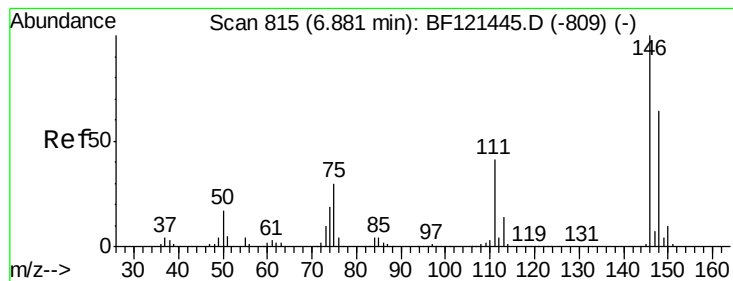
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.9	59.3	99.3
95	32.1	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 9.608 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.1	78.1
75	32.2	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 9.632 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

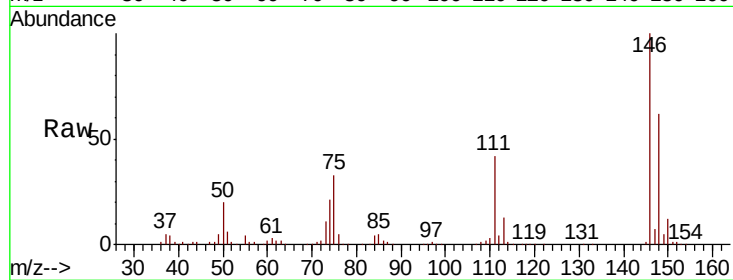
Tot Ion:146 Resp: 210651

Ion Ratio Lower Upper

146 100

148 62.3 51.2 76.8

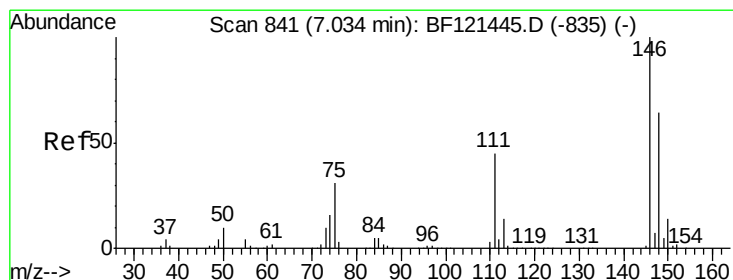
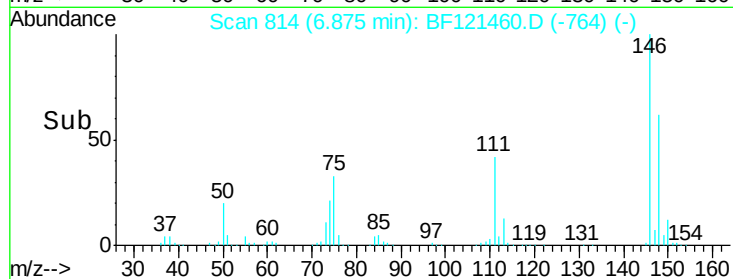
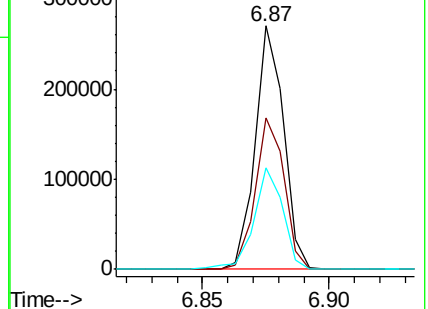
111 41.6 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 9.838 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

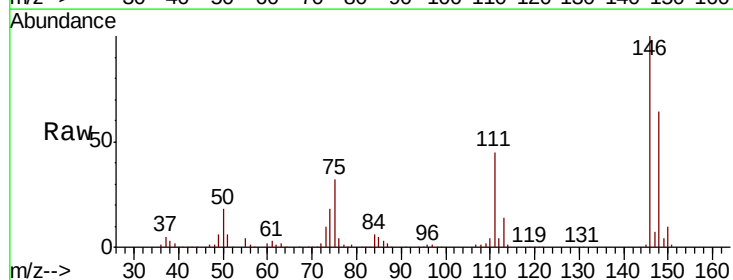
Tgt Ion:146 Resp: 200340

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

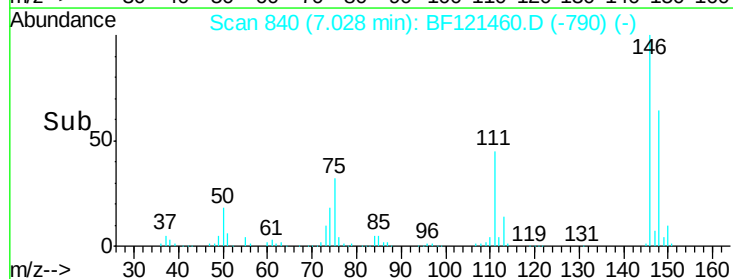
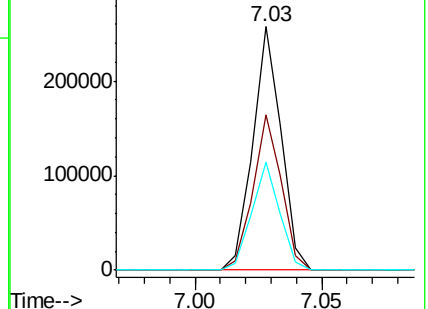
111 44.6 36.2 54.2

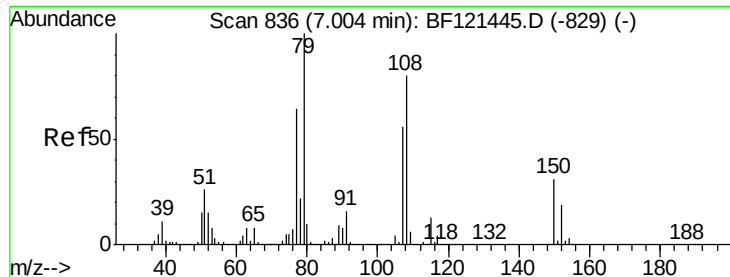


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.028 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

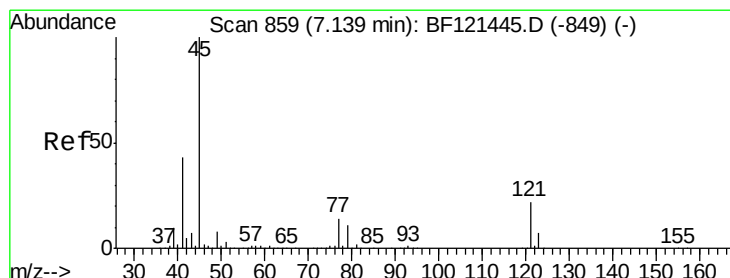
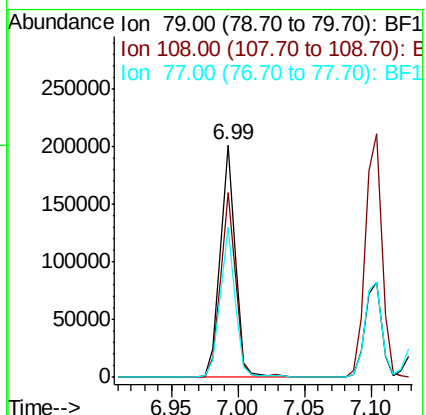
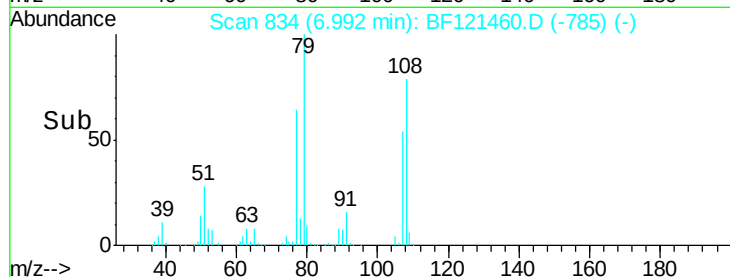
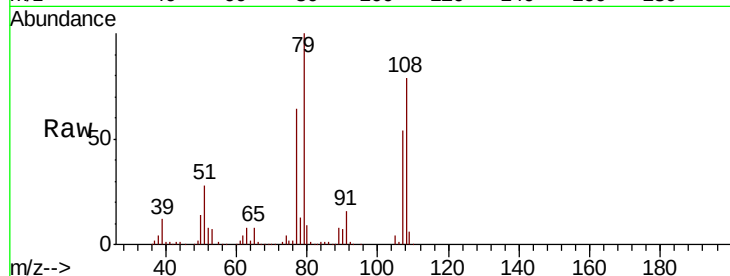
Tot Ion: 79 Resp: 164254

Ion Ratio Lower Upper

79 100

108 79.3 64.0 96.0

77 64.5 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.429 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

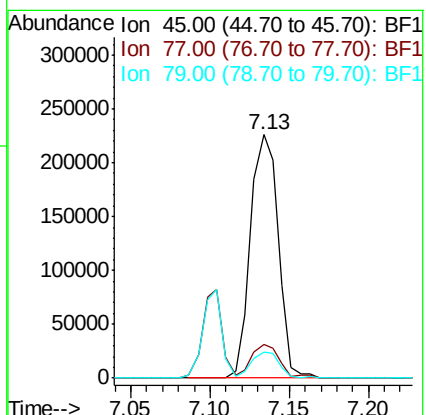
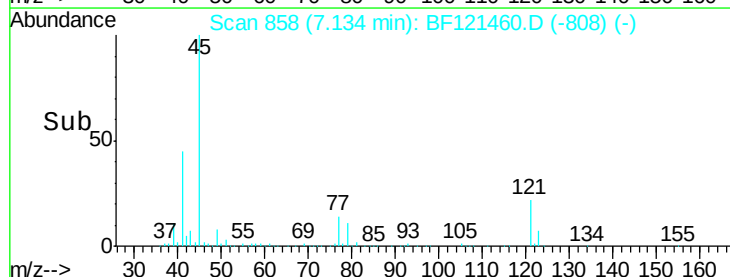
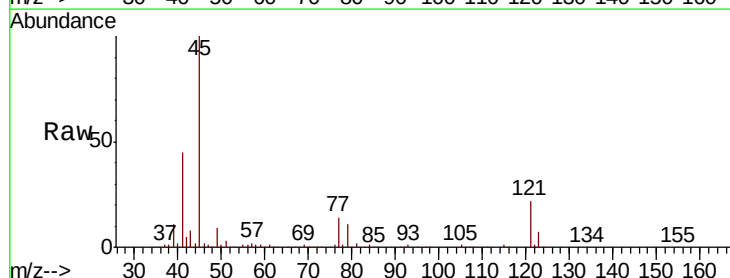
Tgt Ion: 45 Resp: 277083

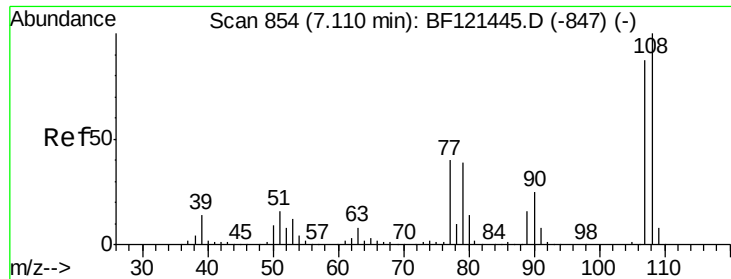
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.8

79 10.6 0.0 31.1

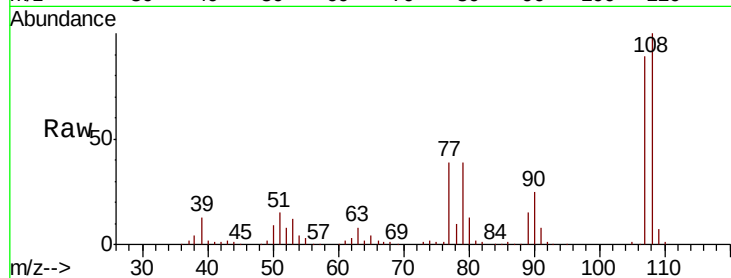




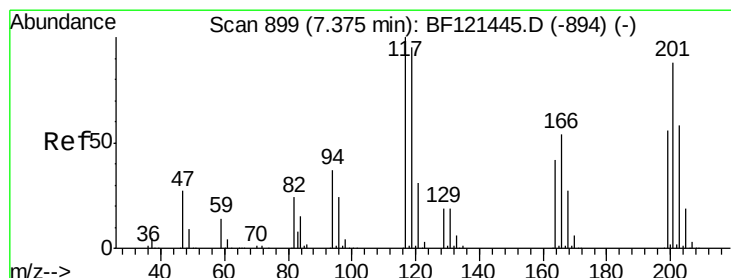
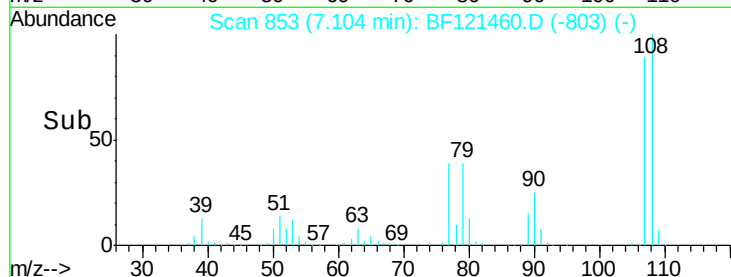
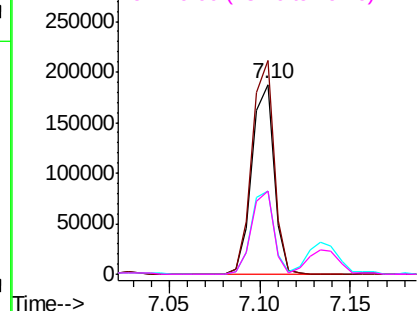
#17
2-Methylphenol
Concen: 10.186 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:107 Resp: 160640
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 43.8 36.4 54.6
79 44.0 35.5 53.3

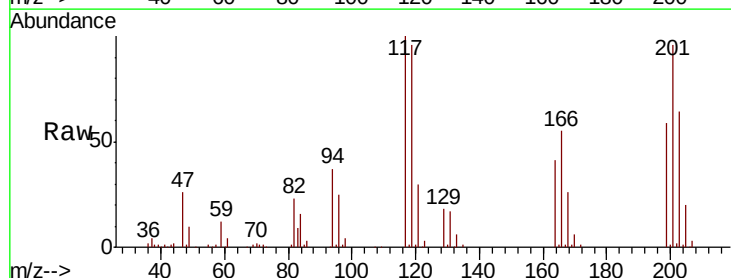


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

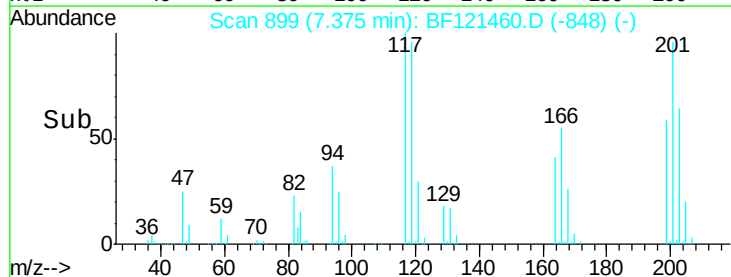
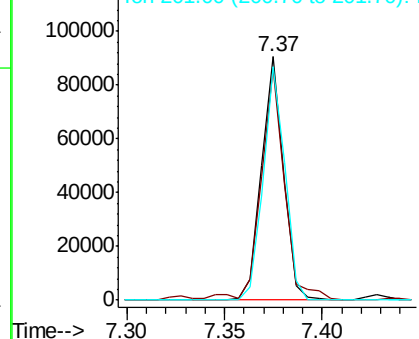


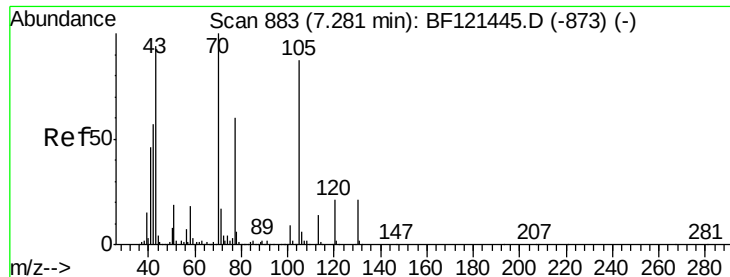
#18
Hexachloroethane
Concen: 9.462 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:117 Resp: 70822
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 95.8 70.4 105.6



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

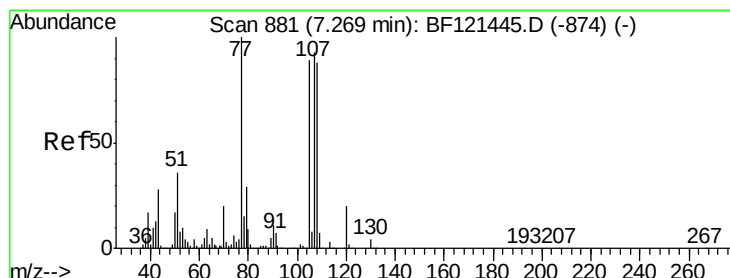
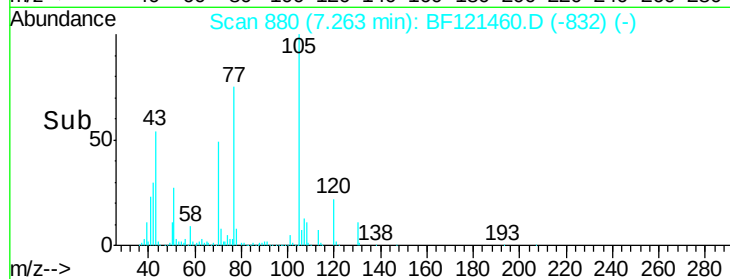
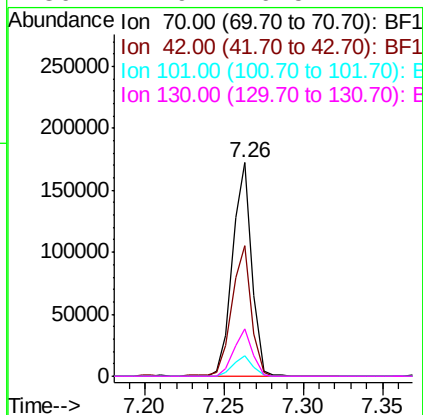
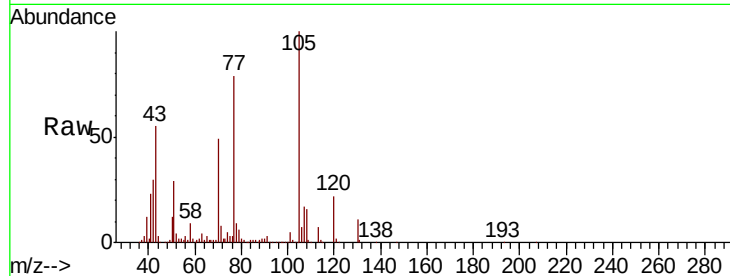




#19
n-Nitroso-di-n-propylamine
Concen: 10.412 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

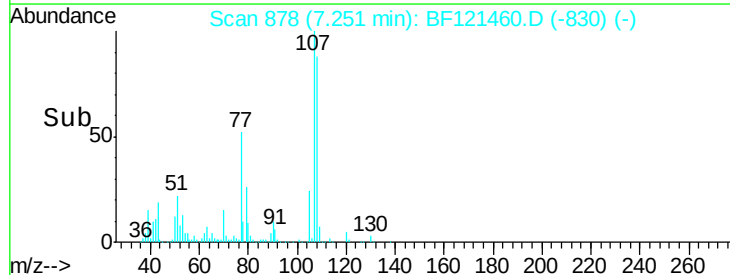
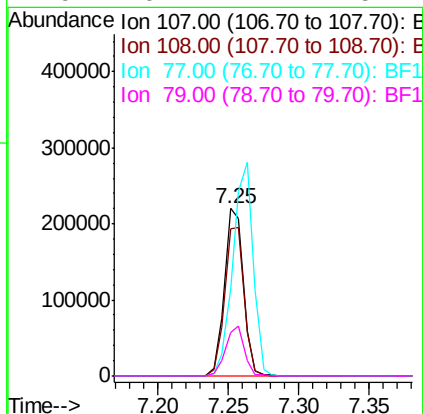
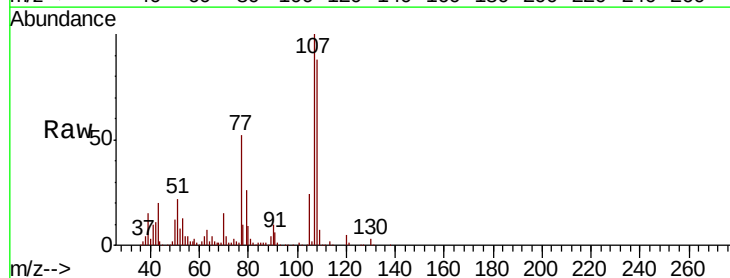
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

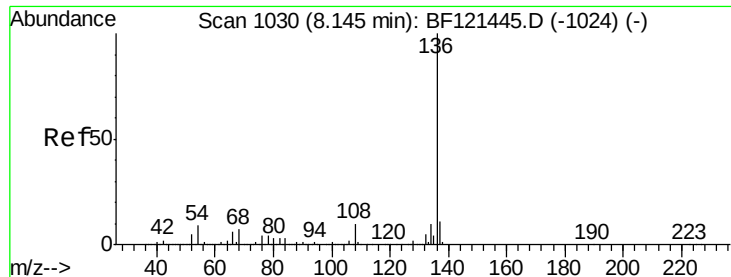
Tot Ion:	70	Resp:	145211
Ion	Ratio	Lower	Upper
70	100		
42	61.0	45.8	68.6
101	9.8	7.5	11.3
130	21.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 10.794 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:	107	Resp:	205982
Ion	Ratio	Lower	Upper
107	100		
108	88.2	75.0	115.0
77	52.4	87.5	127.5
79	26.4	11.1	51.1

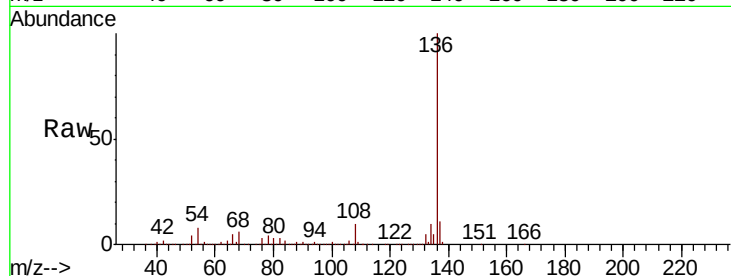




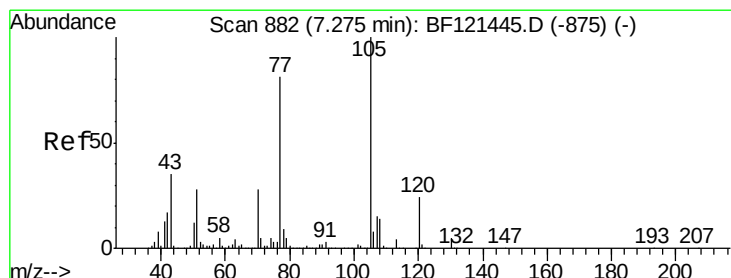
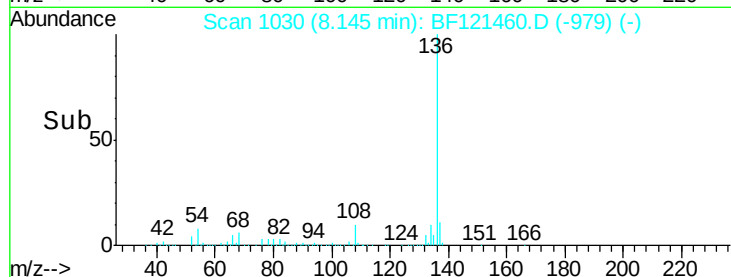
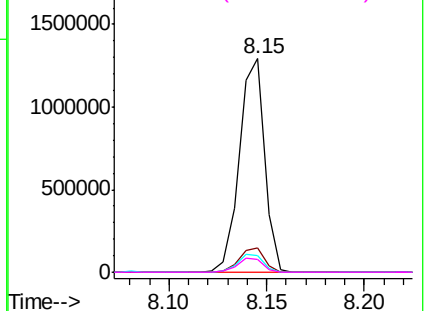
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:136	Resp: 1156626
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 7.7	7.0 10.4
68 6.3	5.5 8.3

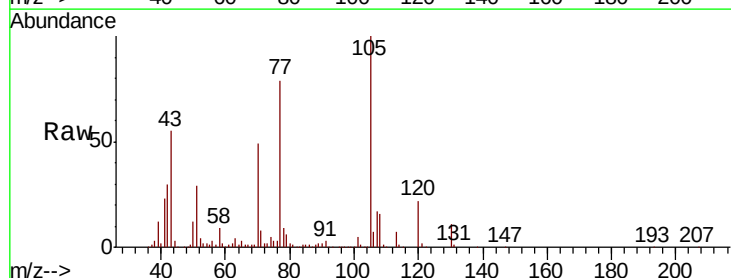


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

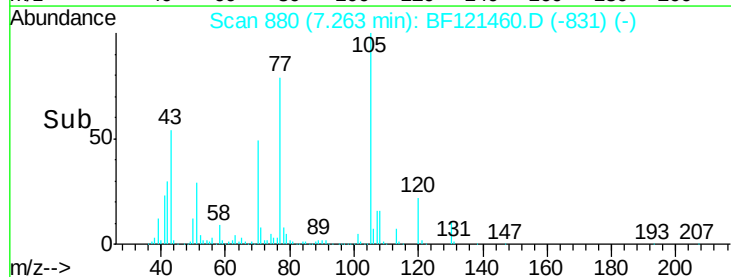
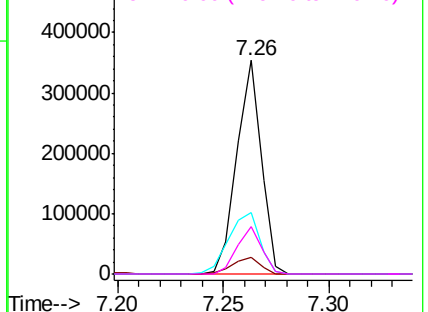


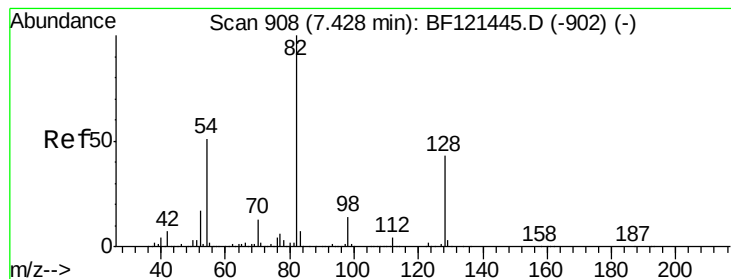
#22
Acetophenone
Concen: 9.928 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt	Ion:105	Resp:	283021
Ion	Ratio	Lower	Upper
105	100		
71	8.1	3.8	5.6#
51	28.8	22.6	33.8
120	22.3	18.9	28.3



Abundance Ion 105.00 (104.70 to 105.70): E
500000
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: 13.518 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

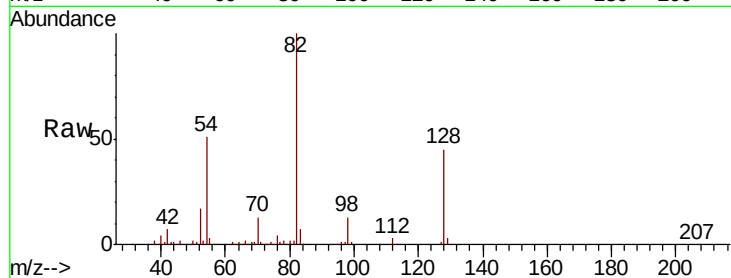
Tot Ion: 82 Resp: 228696

Ion Ratio Lower Upper

82 100

128 44.8 34.1 51.1

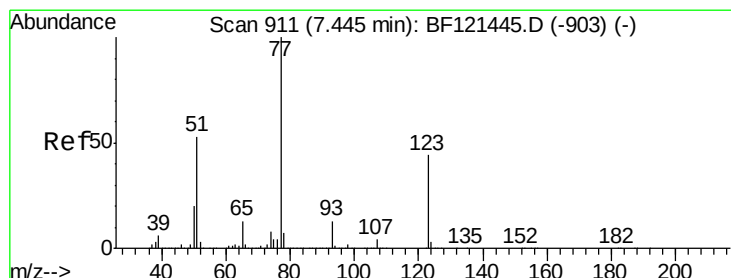
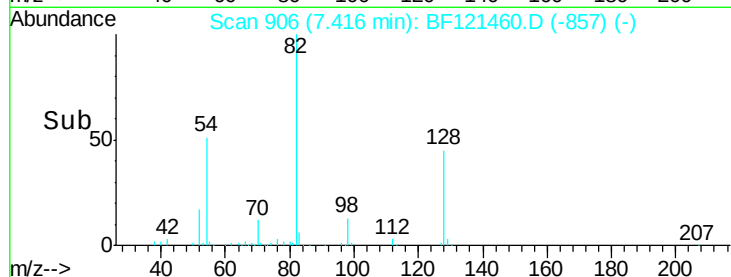
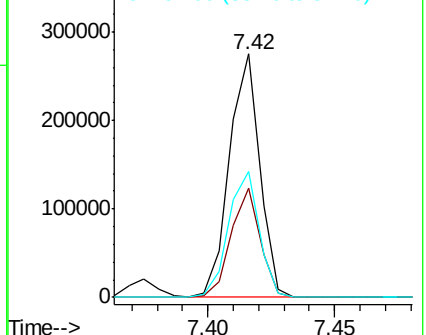
54 51.5 41.0 61.6



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: 11.818 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

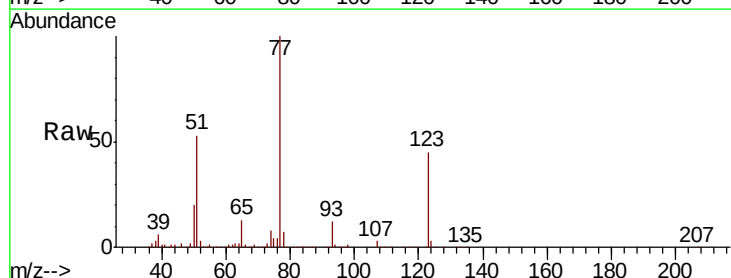
Tgt Ion: 77 Resp: 200419

Ion Ratio Lower Upper

77 100

123 45.3 35.5 53.3

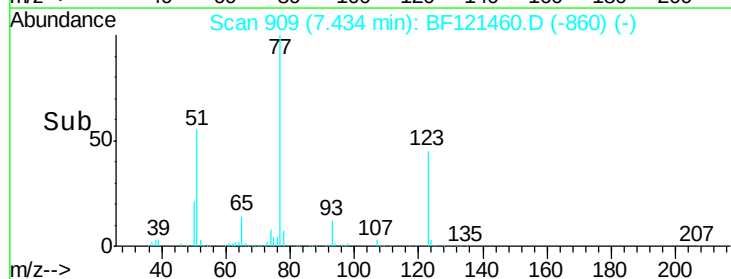
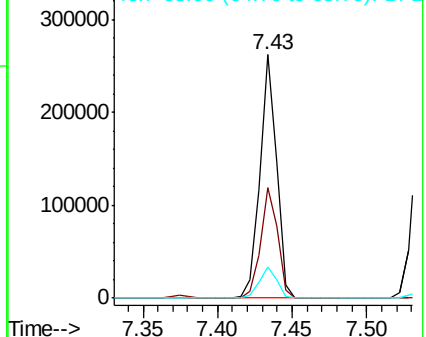
65 12.8 10.6 16.0

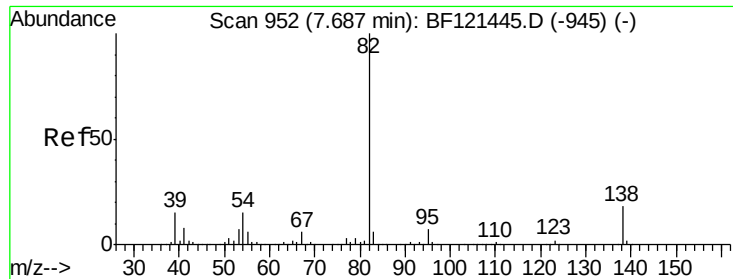


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 10.010 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

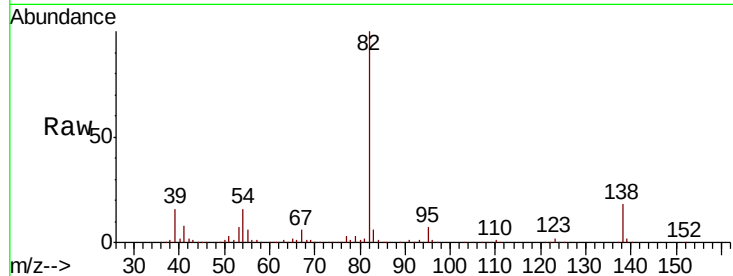
Tot Ion: 82 Resp: 380926

Ion Ratio Lower Upper

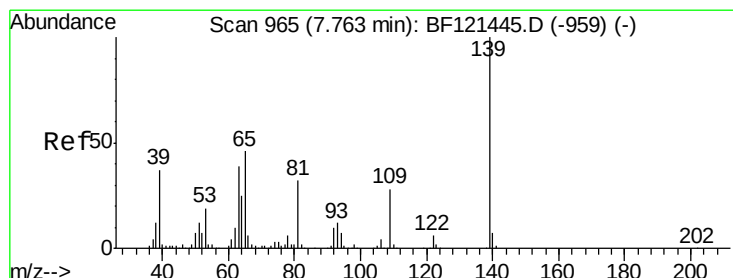
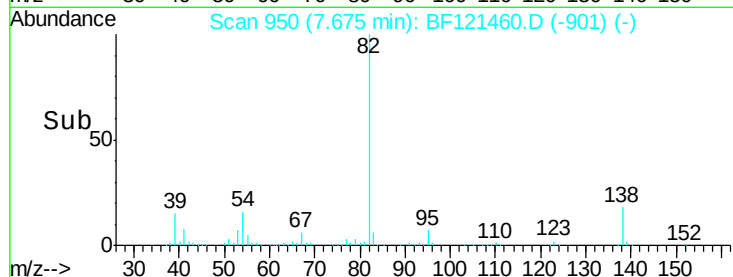
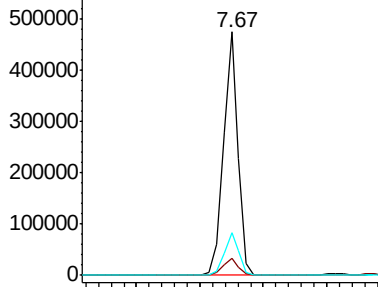
82 100

95 7.1 5.6 8.4

138 17.5 14.8 22.2



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: 17.823 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

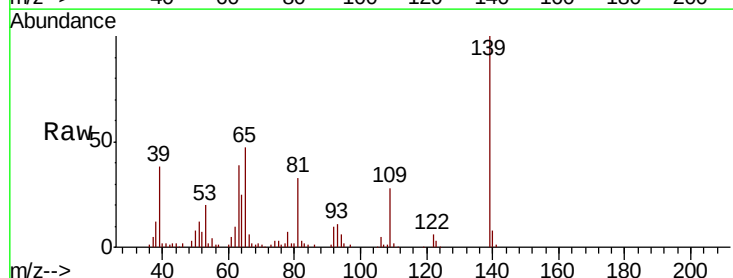
Tgt Ion: 139 Resp: 79399

Ion Ratio Lower Upper

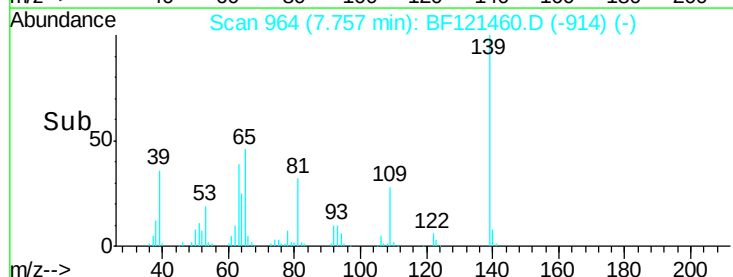
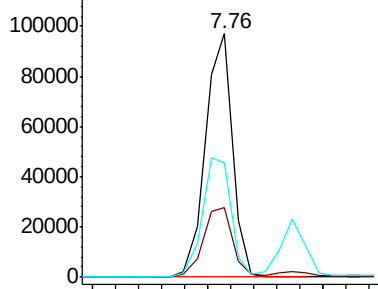
139 100

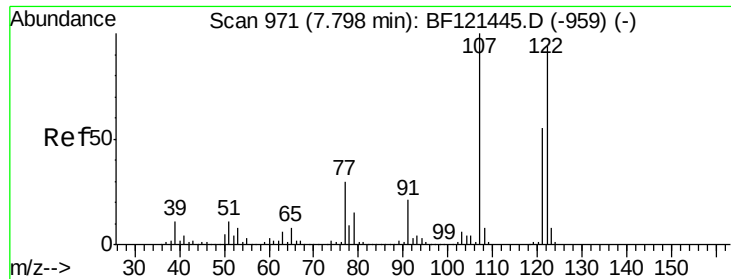
109 28.3 22.1 33.1

65 46.8 37.2 55.8



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

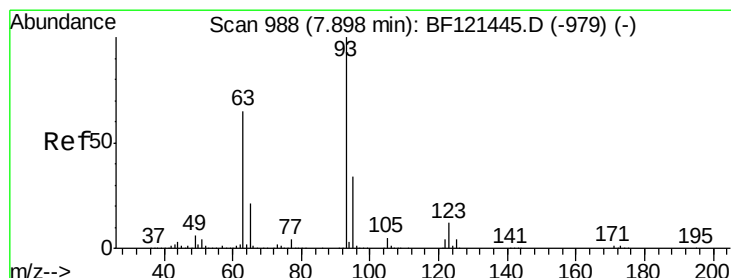
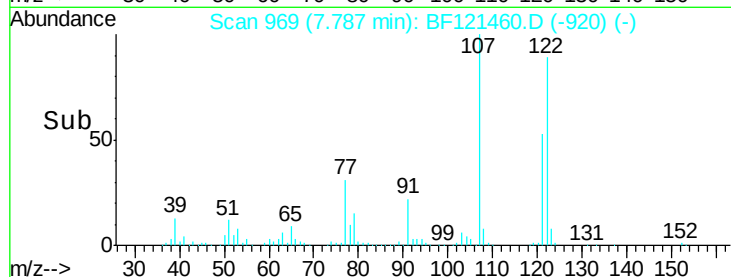
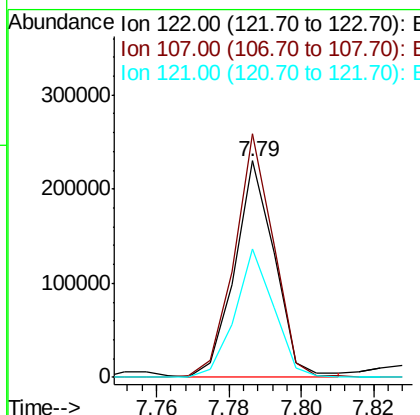
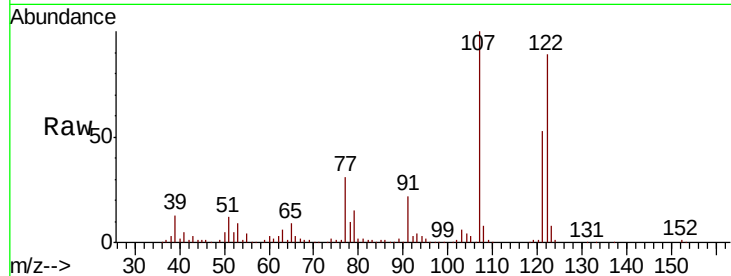




#27
 2,4-Dimethylphenol
 Concen: 11.038 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

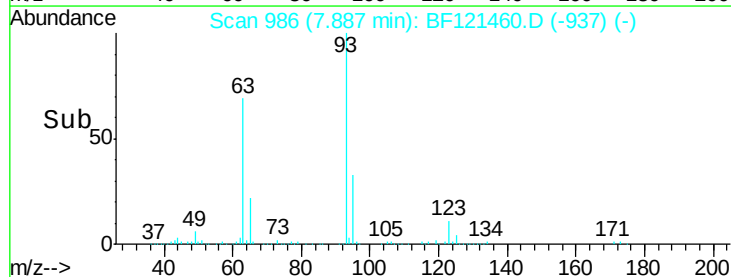
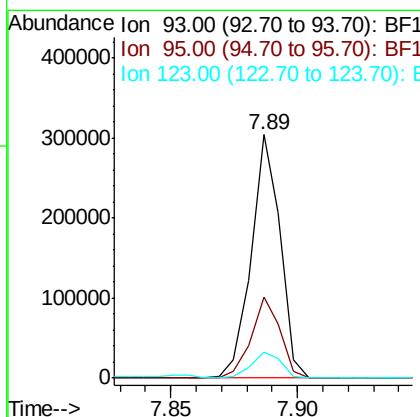
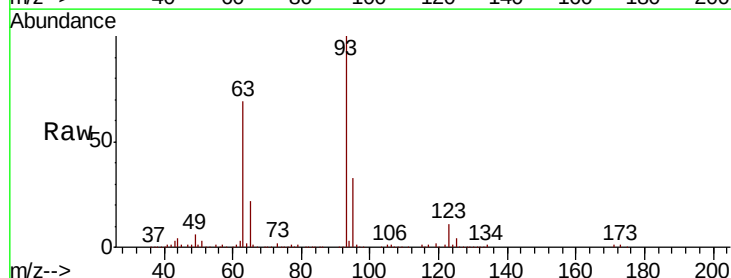
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

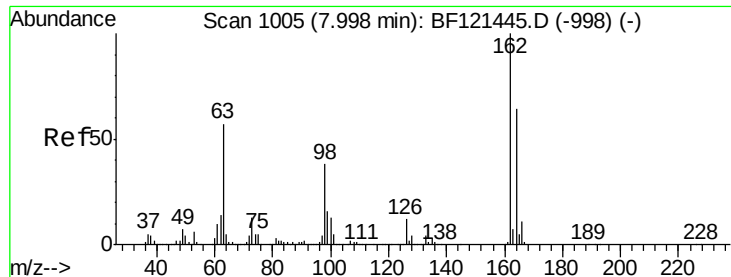
Tot Ion:122 Resp: 174202
 Ion Ratio Lower Upper
 122 100
 107 112.5 84.9 127.3
 121 59.6 46.4 69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.264 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion: 93 Resp: 239709
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.8 40.2
 123 10.8 9.6 14.4

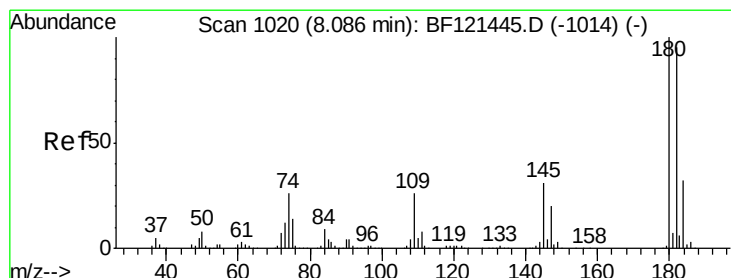
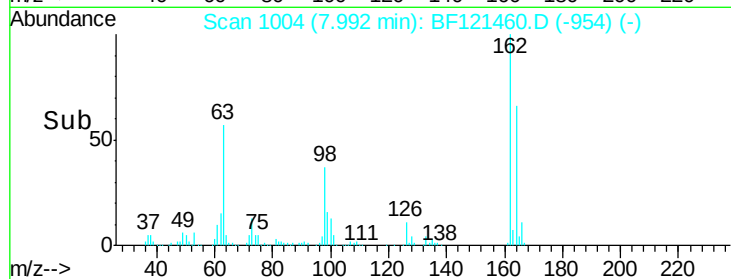
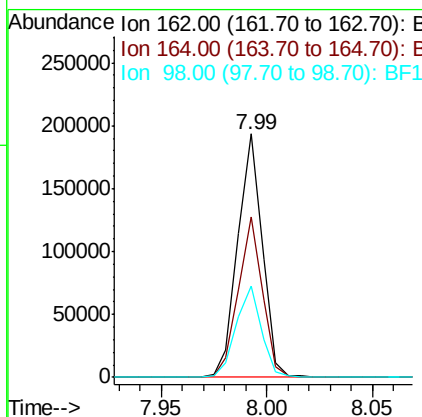
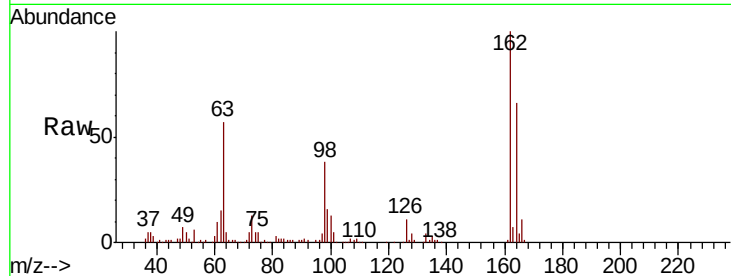




#29
 2,4-Dichlorophenol
 Concen: 10.001 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

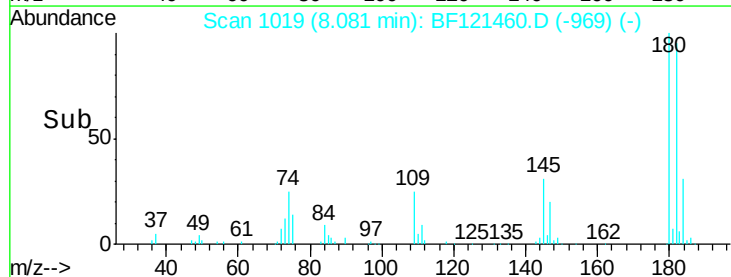
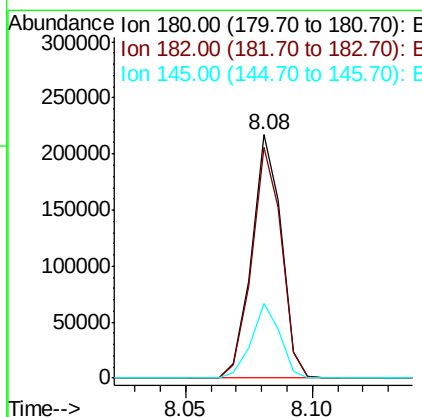
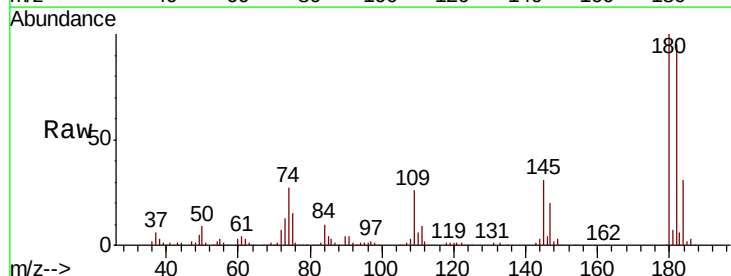
Instrument :
 BNA_F
 ClientSampleID :
 SU-03-082720MSD

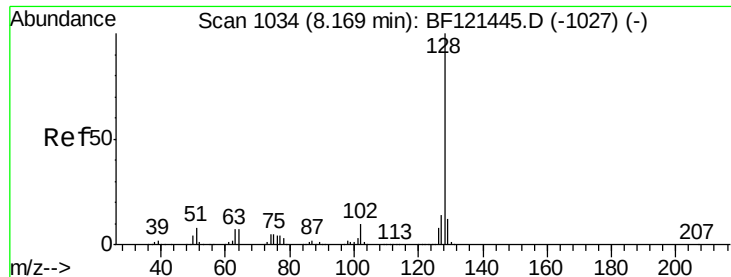
Tot Ion:162	Resp:	155851
Ion Ratio	Lower	Upper
162	100	
164	65.7	44.0 84.0
98	37.5	18.4 58.4



#30
 1,2,4-Trichlorobenzene
 Concen: 9.251 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion:180	Resp:	176599
Ion Ratio	Lower	Upper
180	100	
182	95.0	76.2 114.4
145	30.9	25.2 37.8

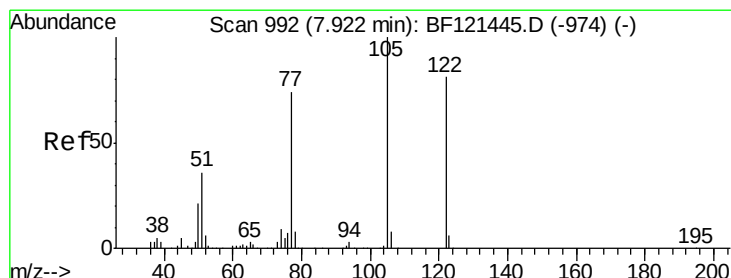
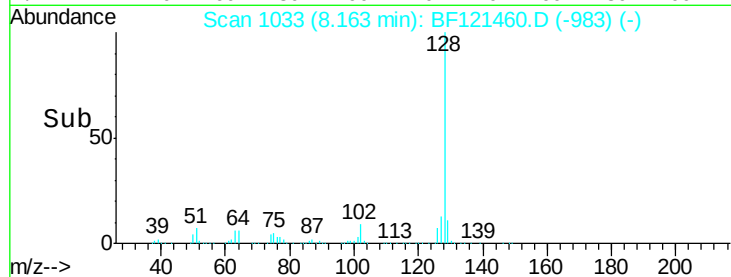
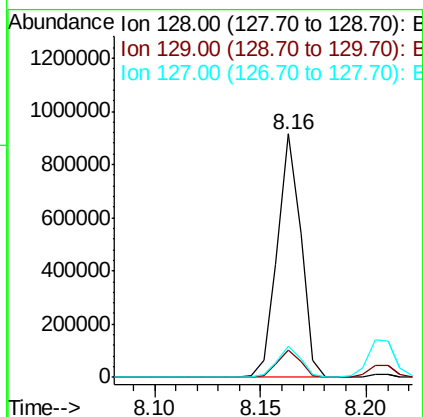
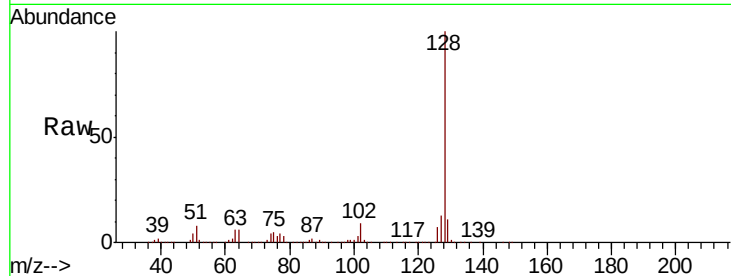




#31
Naphthalene
Concen: 12.397 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

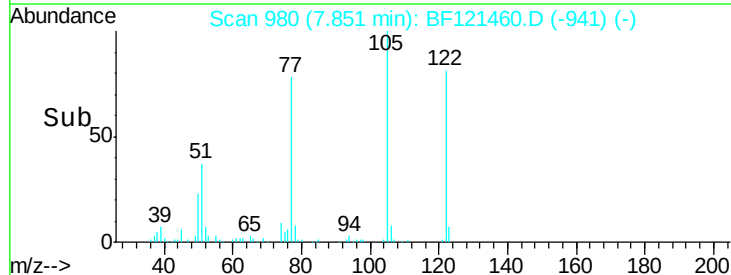
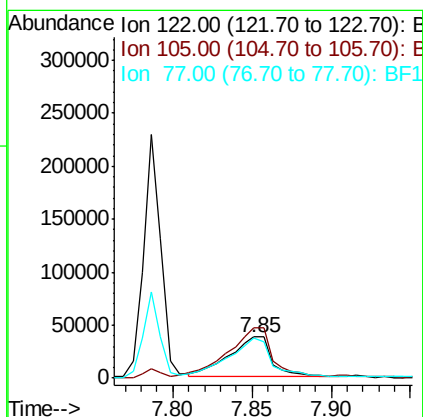
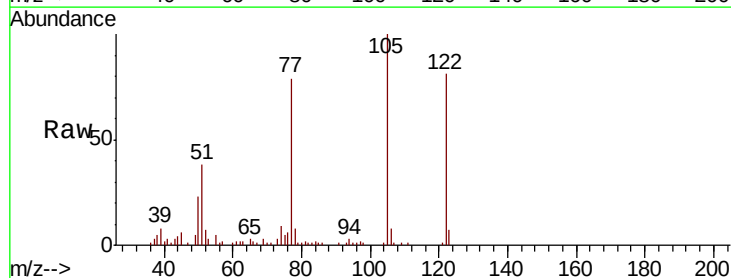
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

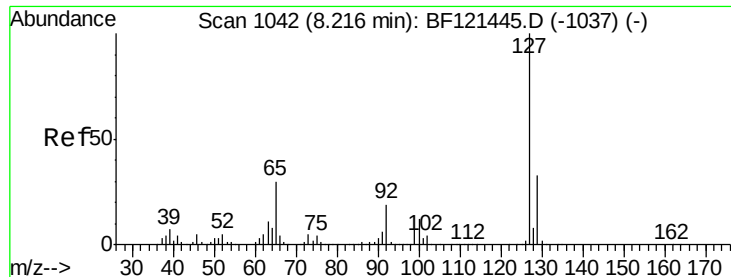
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.0	11.4	17.2



#32
Benzoic acid
Concen: 15.093 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.07 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	100.8	140.8
77	96.9	71.5	111.5

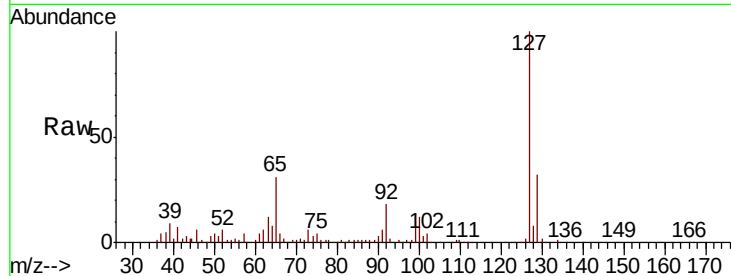




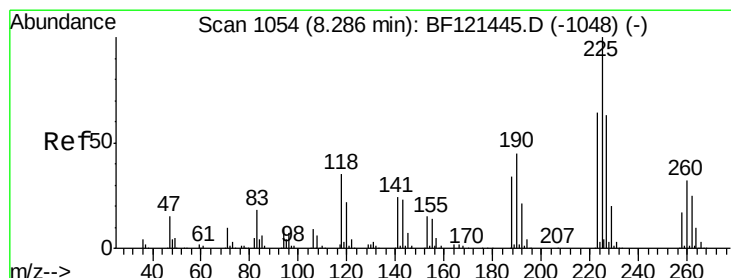
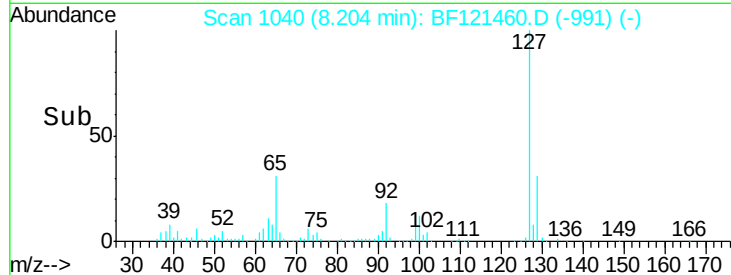
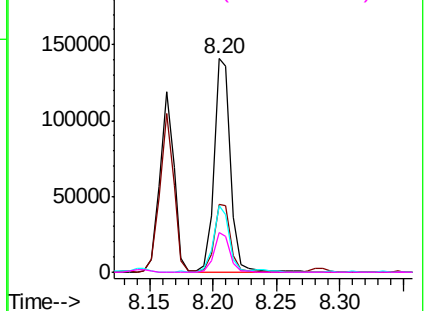
#33
4-Chloroaniline
Concen: 5.091 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:	127	Resp:	130215
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	31.3	23.7	35.5
92	18.4	15.0	22.6

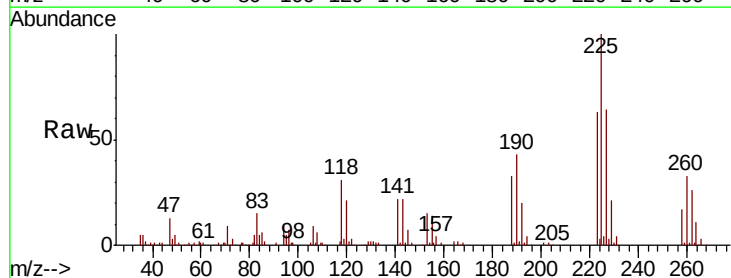


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

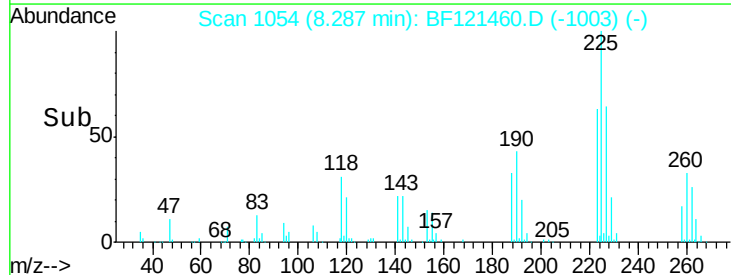
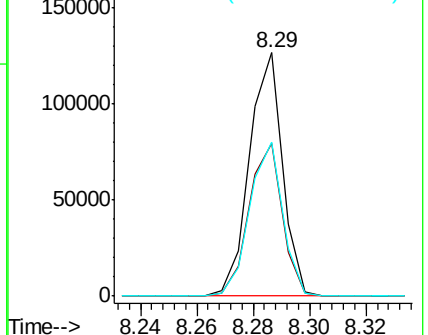


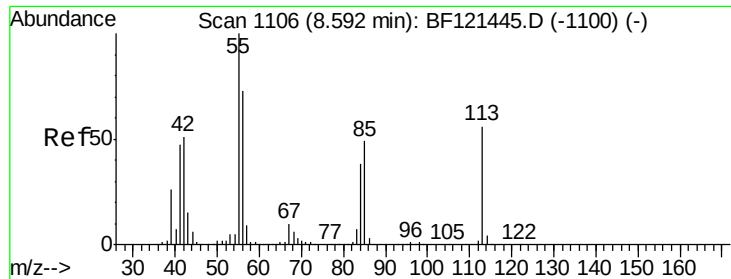
#34
Hexachlorobutadiene
Concen: 9.047 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:	225	Resp:	102703
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.0	76.4
227	63.5	50.0	75.0



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

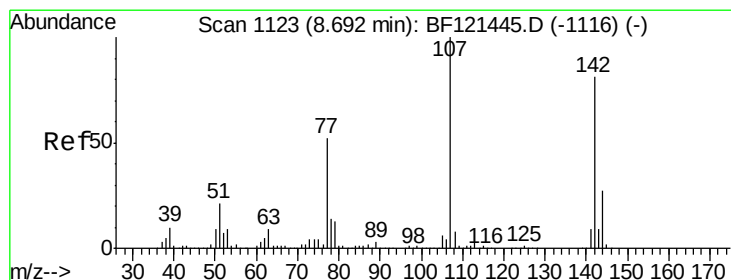
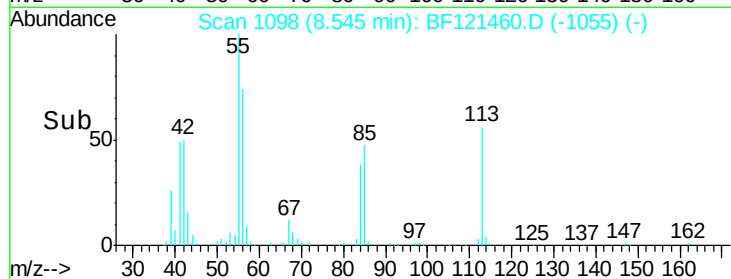
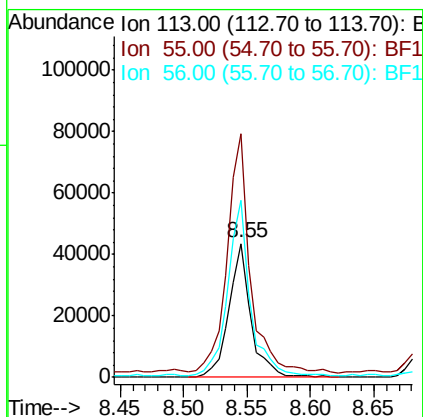
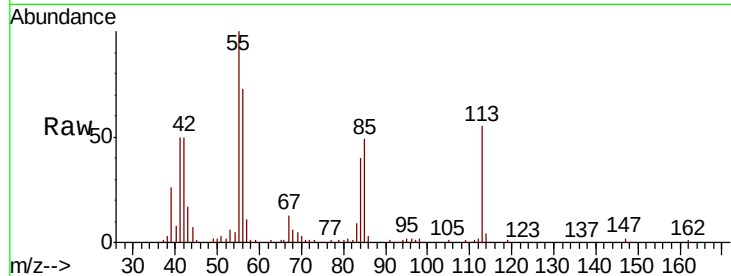




#35
Caprolactam
Concen: 10.251 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

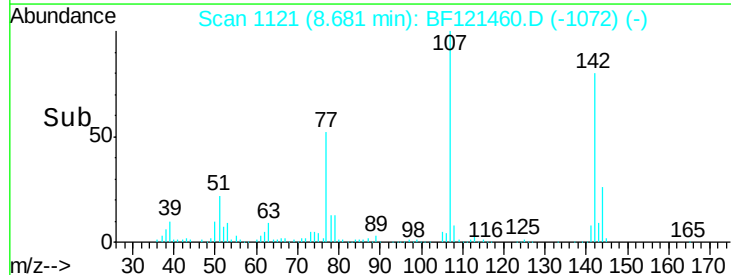
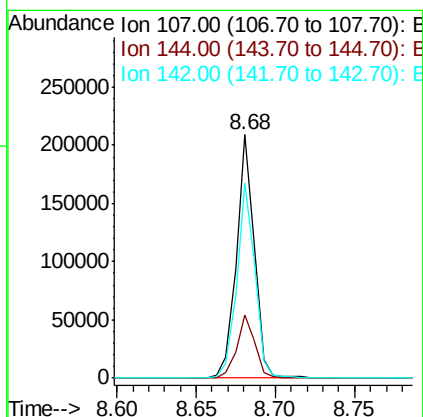
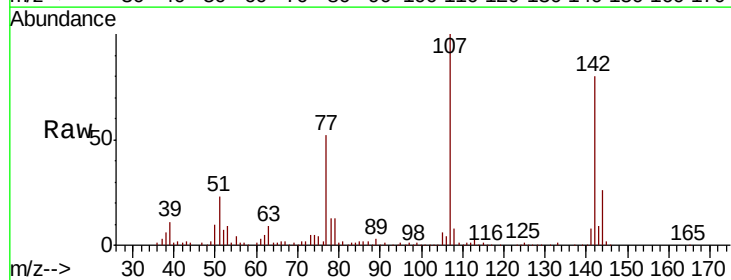
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

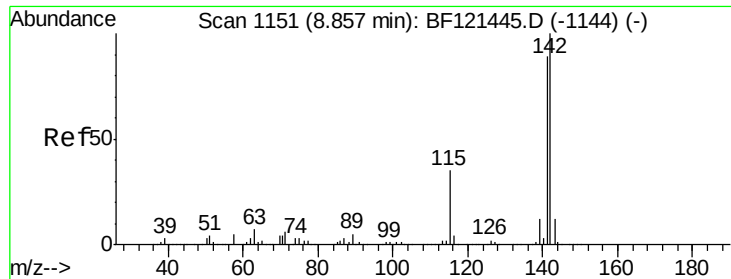
Tot Ion:113 Resp: 52099
Ion Ratio Lower Upper
113 100
55 181.8 159.9 199.9
56 132.6 111.4 151.4



#36
4-Chloro-3-methylphenol
Concen: 10.075 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:107 Resp: 165532
Ion Ratio Lower Upper
107 100
144 26.1 21.4 32.2
142 80.0 65.0 97.4

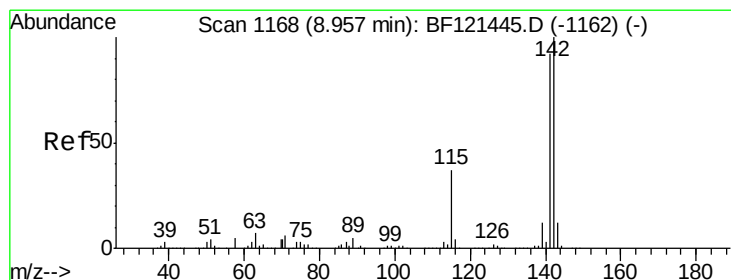
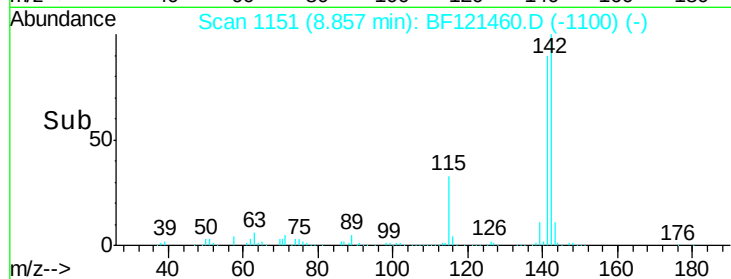
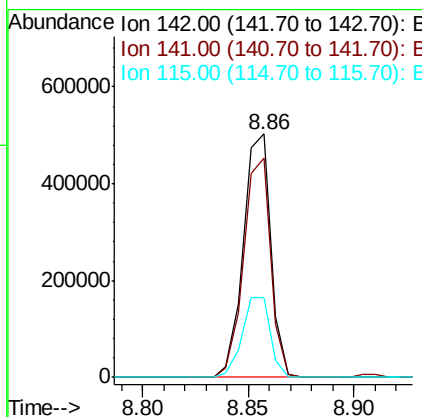
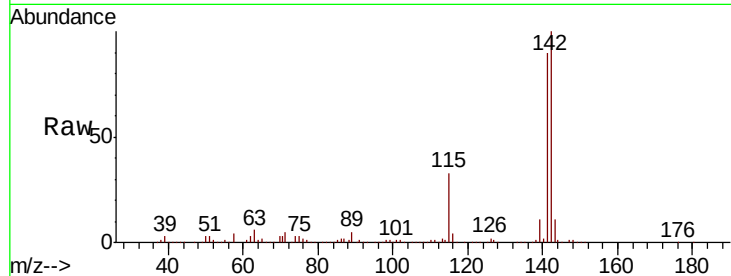




#37
2-Methylnaphthalene
Concen: 11.922 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

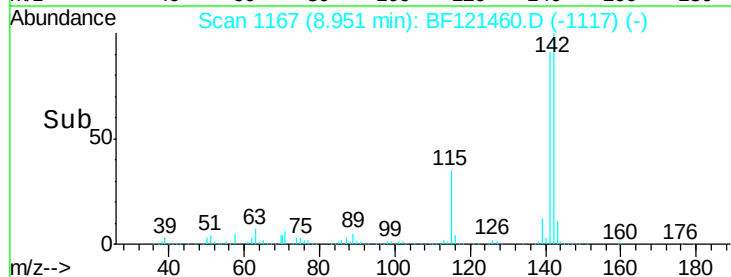
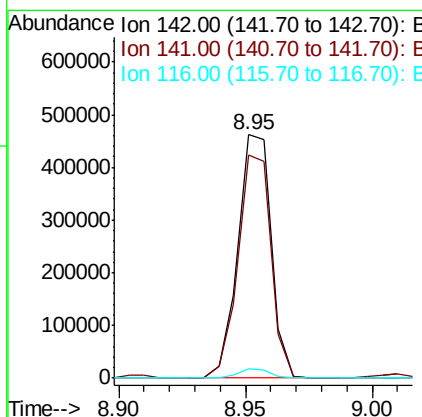
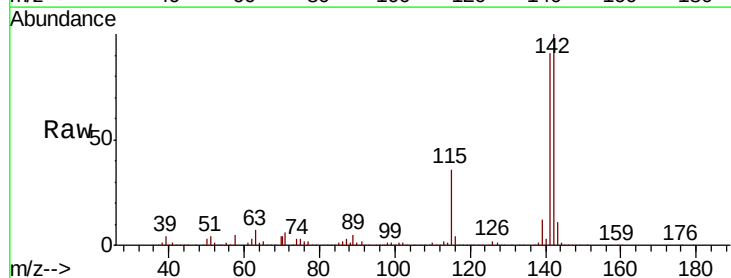
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

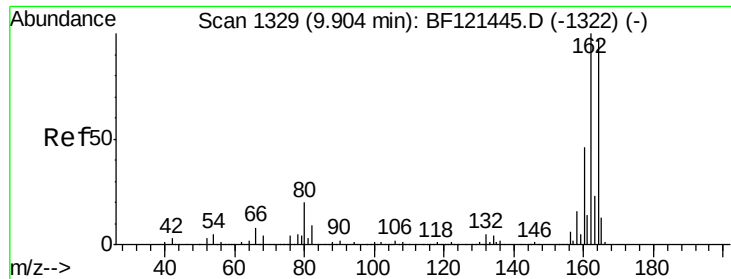
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	33.0	28.2	42.4



#38
1-Methylnaphthalene
Concen: 11.715 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.9	3.1	4.7

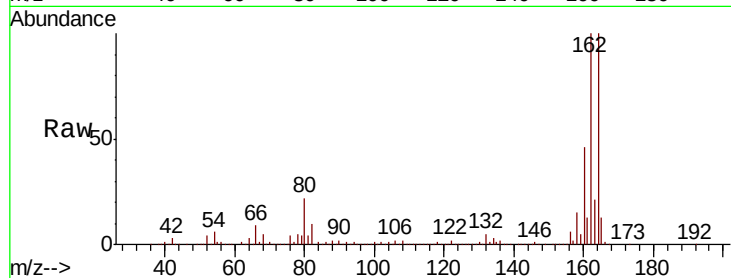




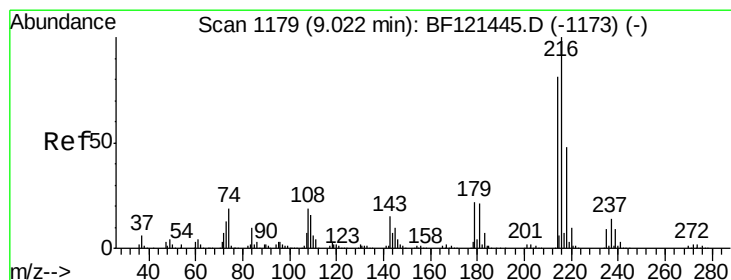
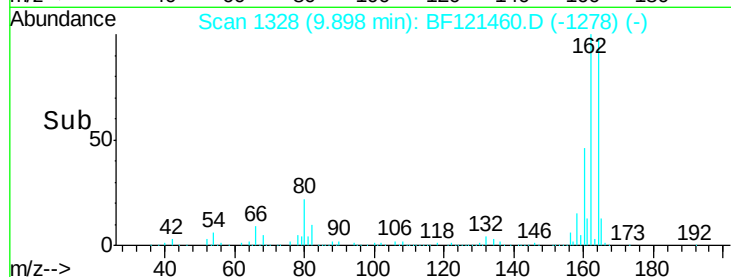
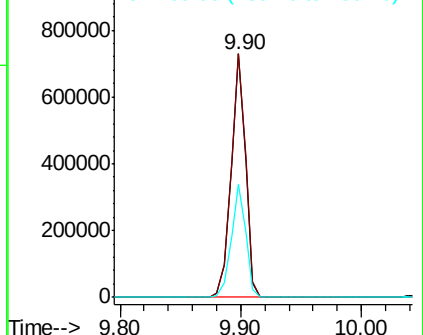
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:164 Resp: 600398
Ion Ratio Lower Upper
164 100
162 100.1 82.4 123.6
160 46.4 37.6 56.4

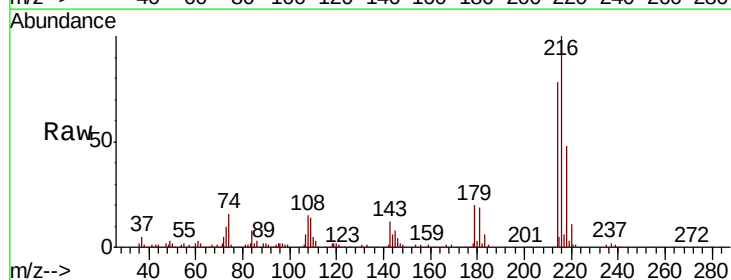


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

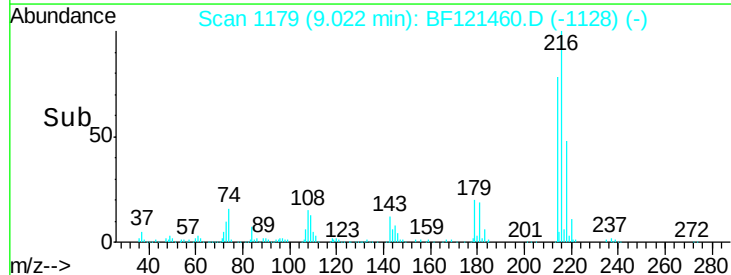
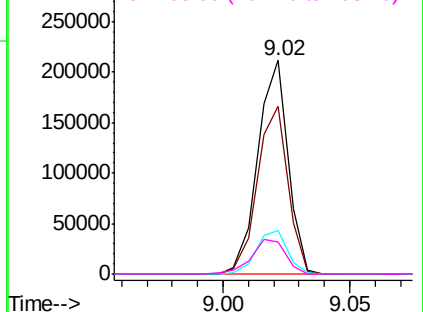


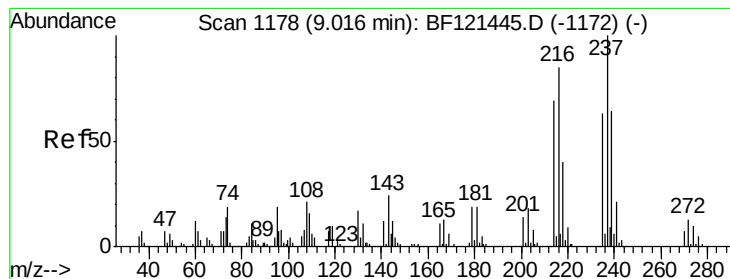
#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.937 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:216 Resp: 176864
Ion Ratio Lower Upper
216 100
214 79.5 64.2 96.4
179 21.1 17.0 25.4
108 18.3 15.3 22.9



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: 7.026 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

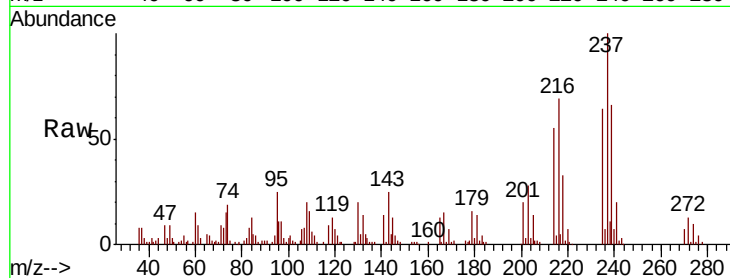
Tot Ion:237 Resp: 52586

Ion Ratio Lower Upper

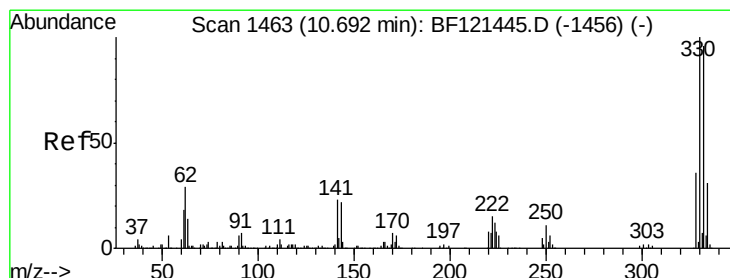
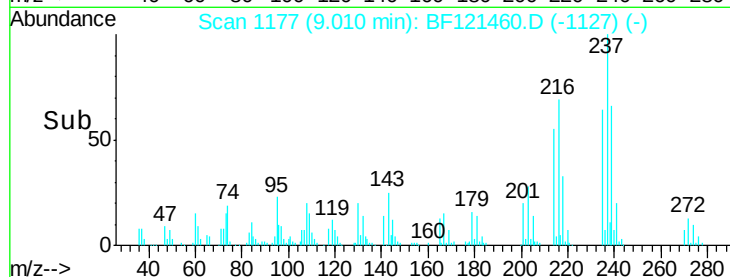
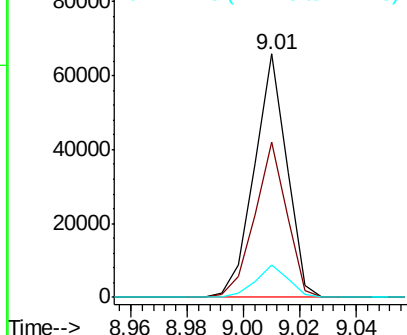
237 100

235 63.7 42.9 82.9

272 13.5 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 16.317 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

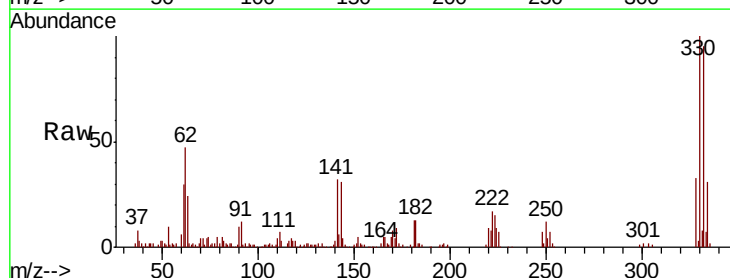
Tgt Ion:330 Resp: 98954

Ion Ratio Lower Upper

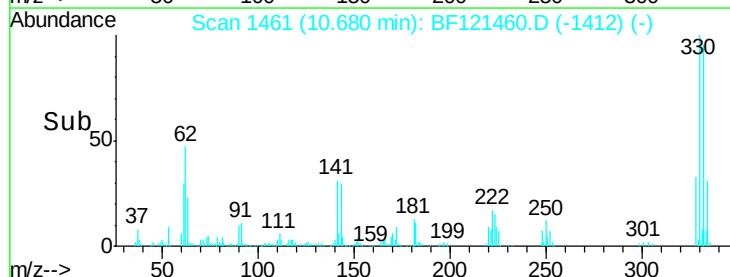
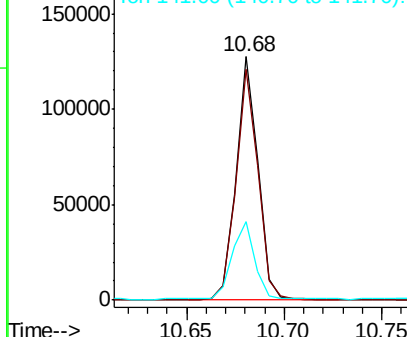
330 100

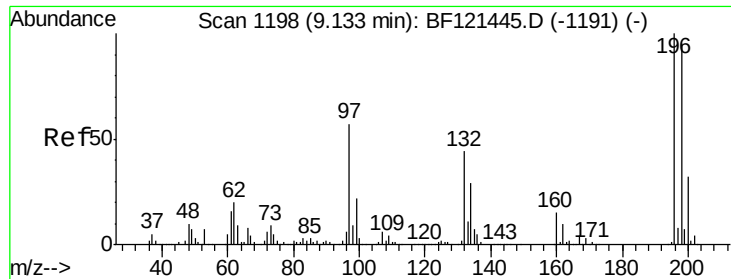
332 95.9 76.2 114.2

141 32.9 24.6 36.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

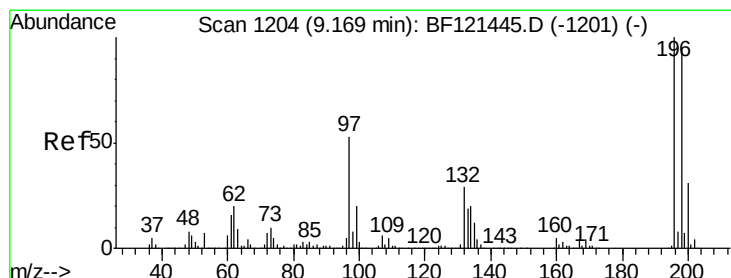
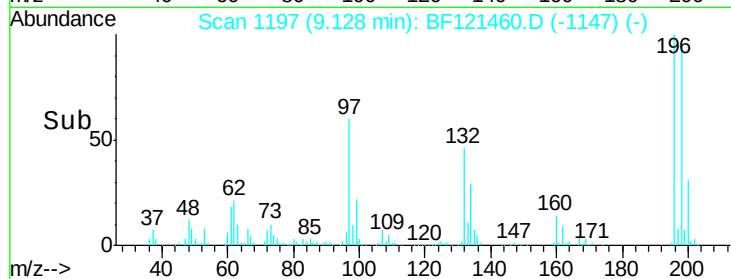
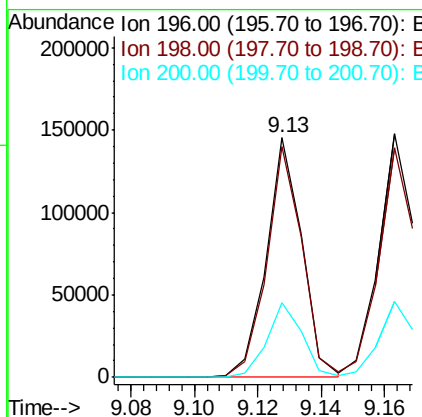
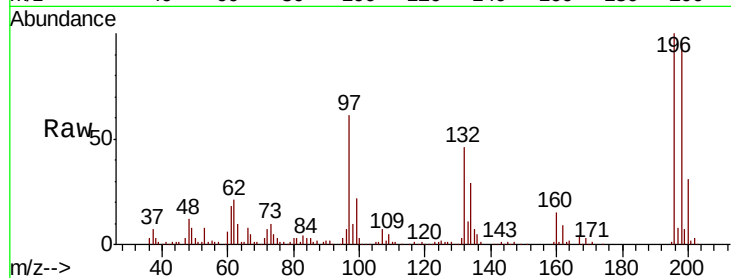




#43
 2,4,6-Trichlorophenol
 Concen: 10.051 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

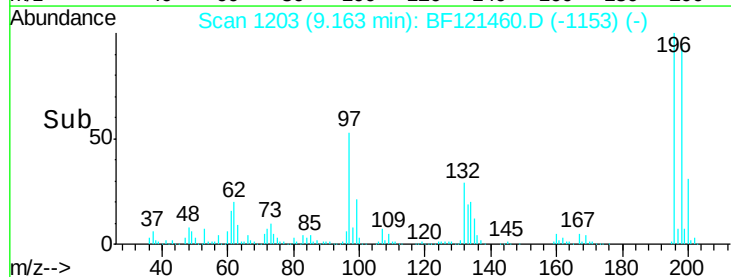
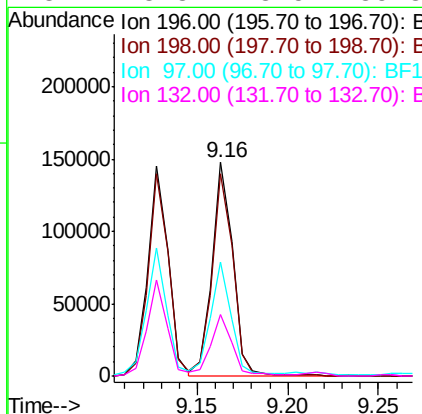
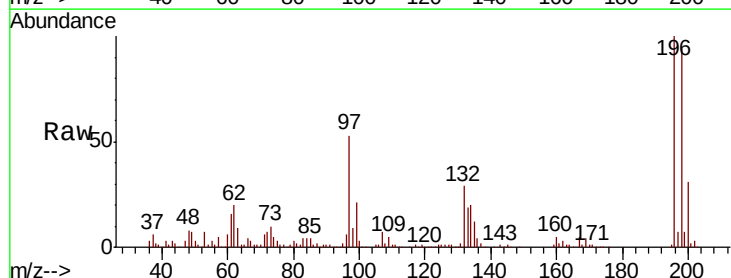
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

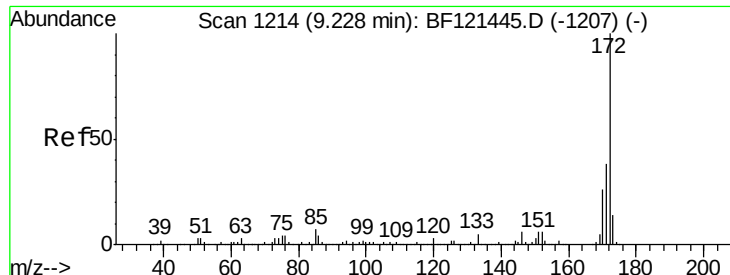
Tot Ion:196	Resp:	113065
Ion Ratio	Lower	Upper
196	100	
198	96.4	75.8 113.6
200	31.2	25.3 37.9



#44
 2,4,5-Trichlorophenol
 Concen: 10.543 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion:196	Resp:	117274
Ion Ratio	Lower	Upper
196	100	
198	94.4	76.2 114.2
97	53.3	42.6 64.0
132	28.8	23.5 35.3

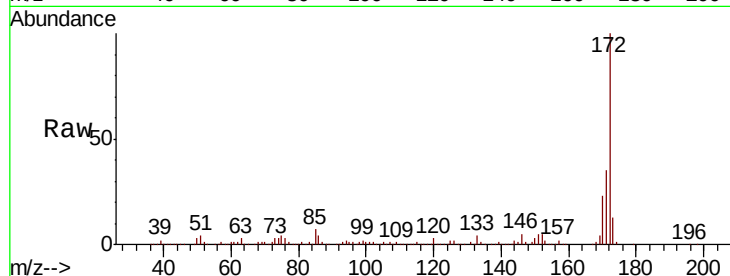




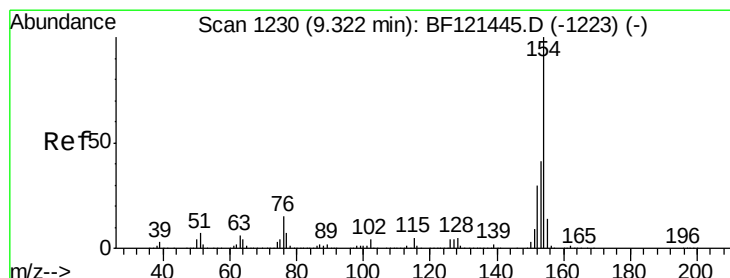
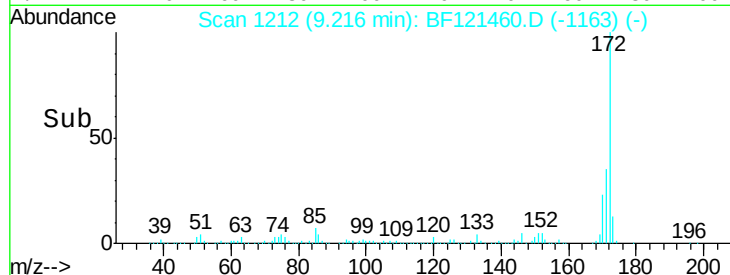
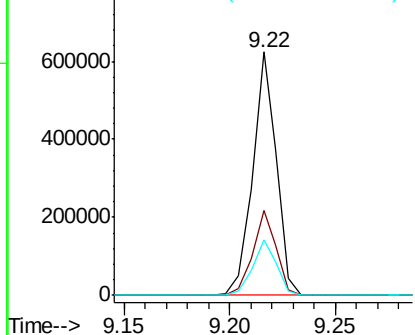
#45
2-Fluorobiphenyl
Concen: 13.040 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	30.6	45.8
170	22.9	20.6	31.0

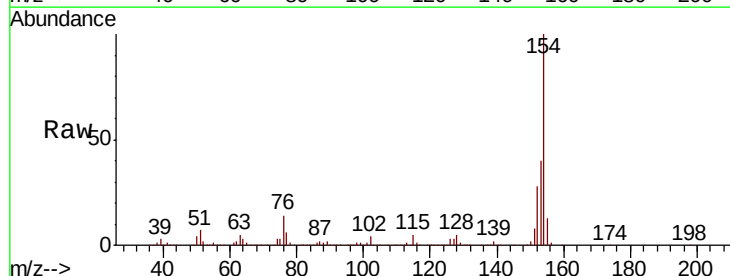


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

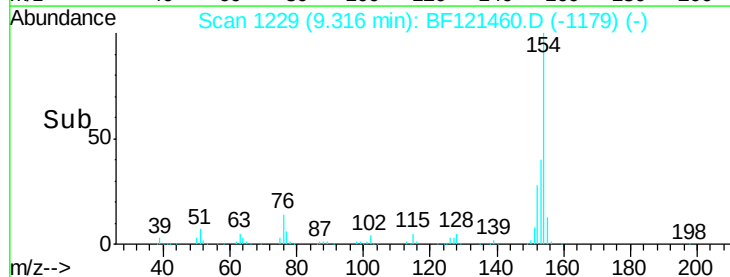
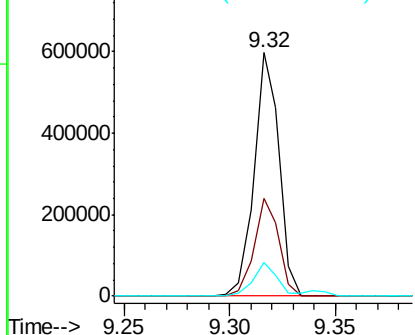


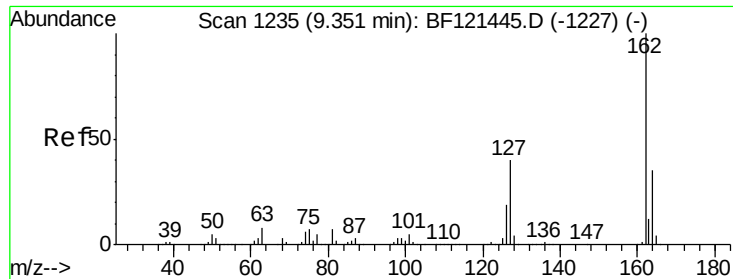
#46
1,1'-Biphenyl
Concen: 10.759 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.2	61.2
76	13.6	0.0	35.2



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: 9.432 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

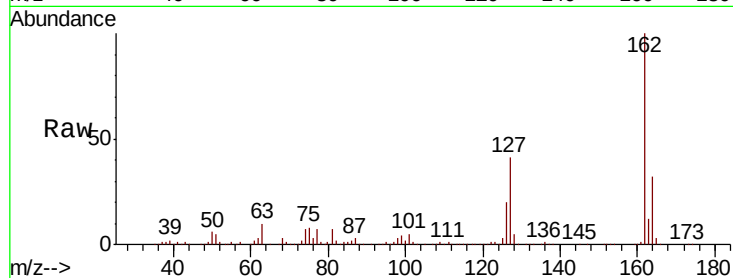
Tot Ion:162 Resp: 351243

Ion Ratio Lower Upper

162 100

127 40.8 32.6 48.8

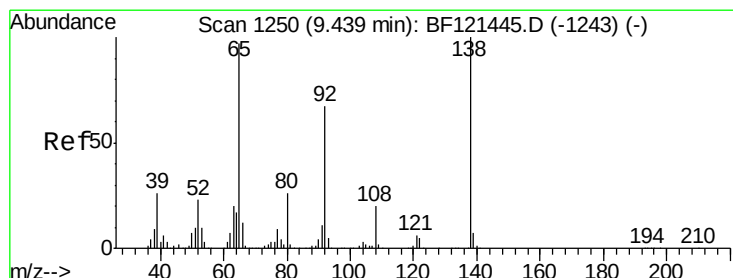
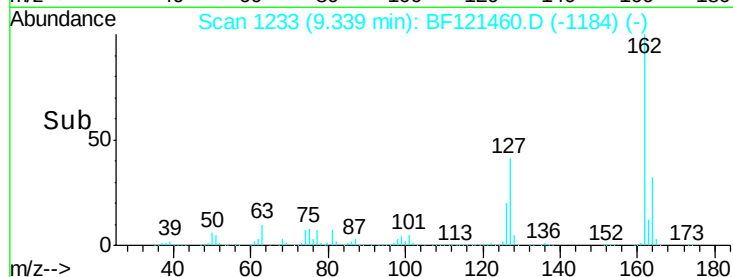
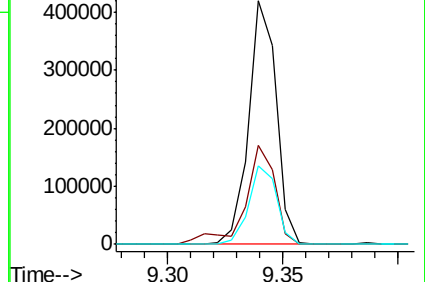
164 32.2 27.8 41.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 14.938 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

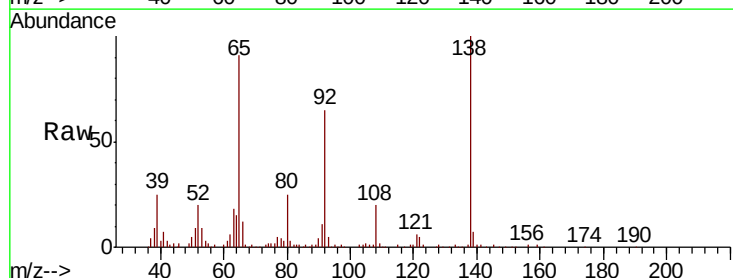
Tgt Ion: 65 Resp: 100577

Ion Ratio Lower Upper

65 100

92 71.5 55.6 83.4

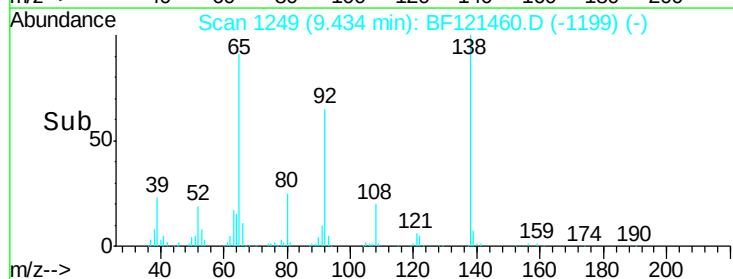
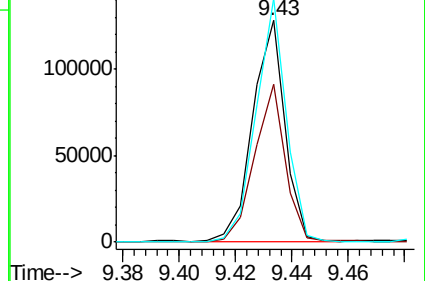
138 109.9 82.9 124.3

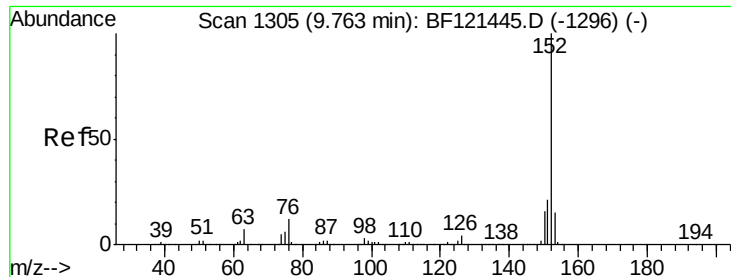


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 10.851 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

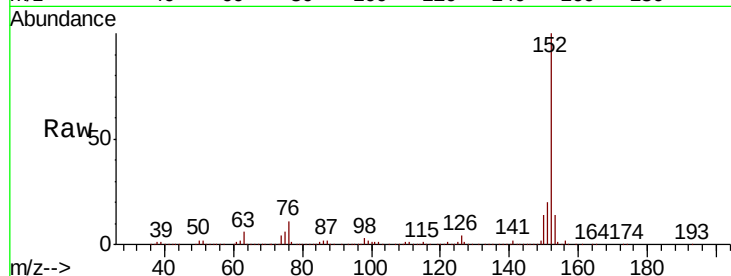
Tot Ion:152 Resp: 606094

Ion Ratio Lower Upper

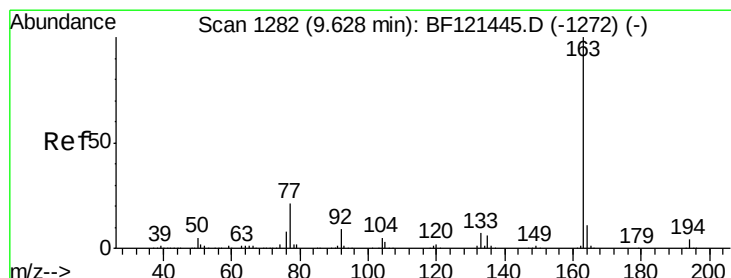
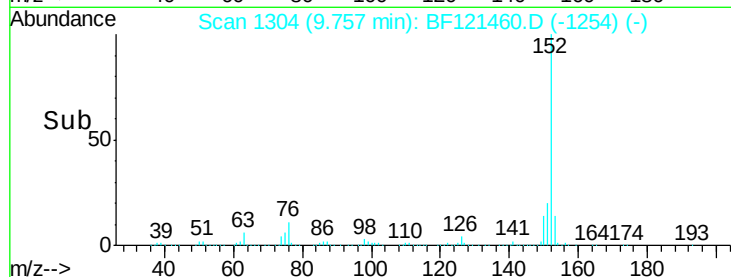
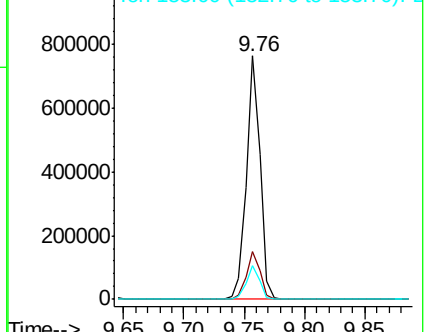
152 100

151 19.8 17.2 25.8

153 13.8 11.6 17.4



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: 10.970 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

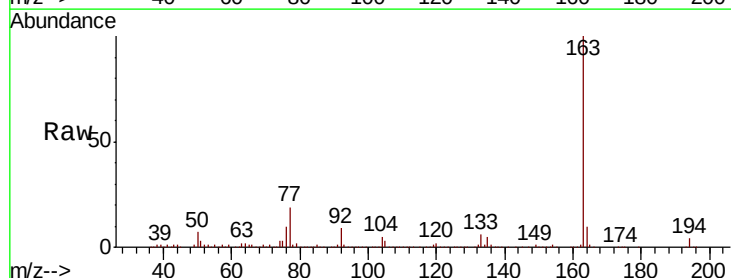
Tgt Ion:163 Resp: 452409

Ion Ratio Lower Upper

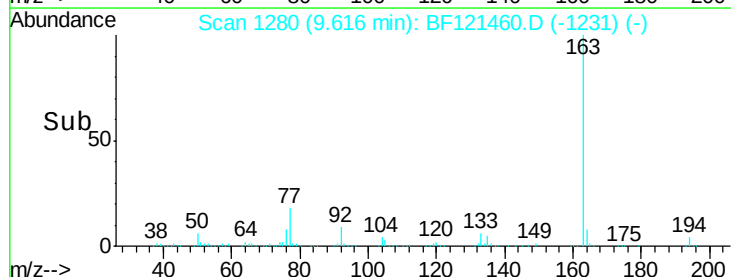
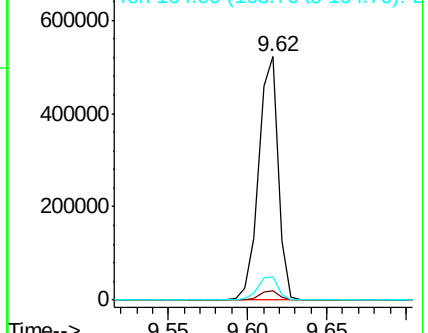
163 100

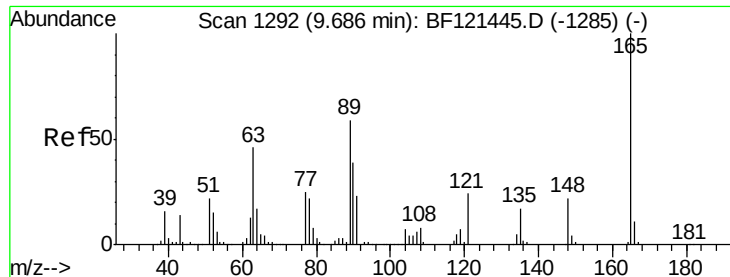
194 3.8 3.3 4.9

164 9.7 8.6 12.8



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: 15.324 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

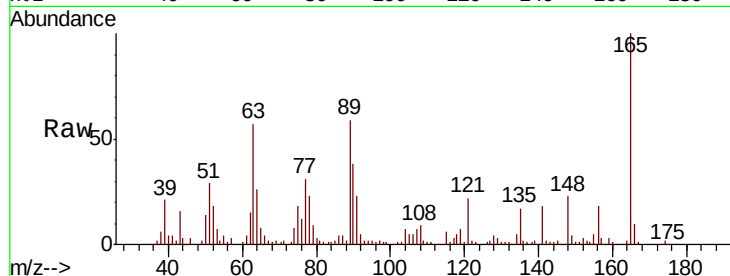
Tot Ion:165 Resp: 79454

Ion Ratio Lower Upper

165 100

63 56.6 43.6 65.4

89 59.2 47.4 71.2

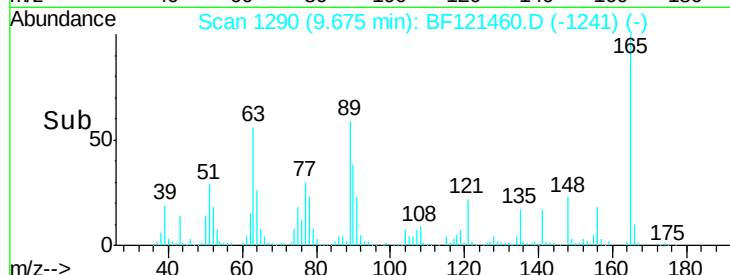


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



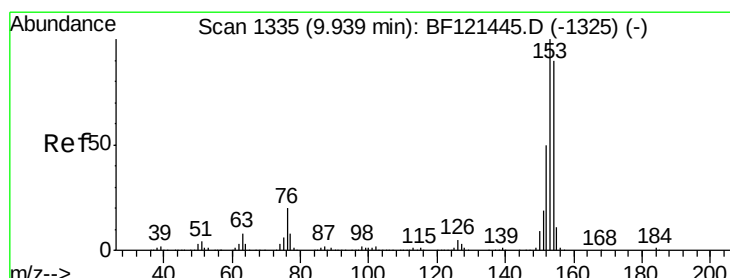
Abundance

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

Time-->



#52

Acenaphthene

Concen: 11.128 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

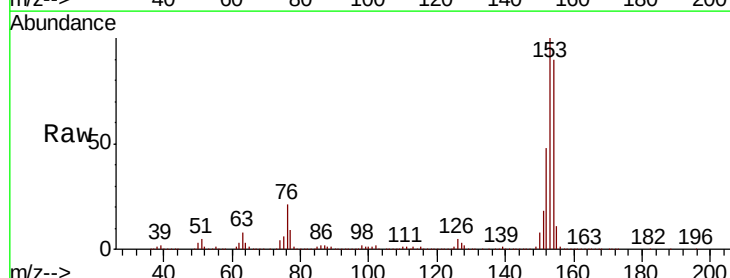
Tgt Ion:154 Resp: 392481

Ion Ratio Lower Upper

154 100

153 111.1 88.9 133.3

152 53.8 44.1 66.1

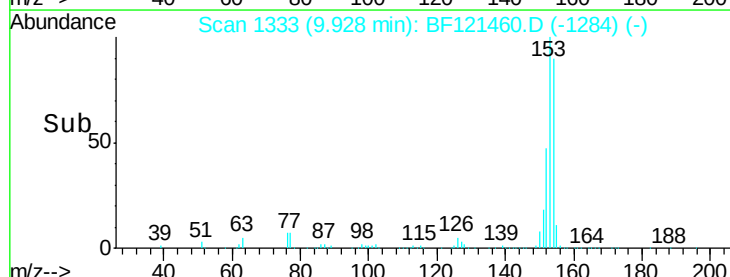


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



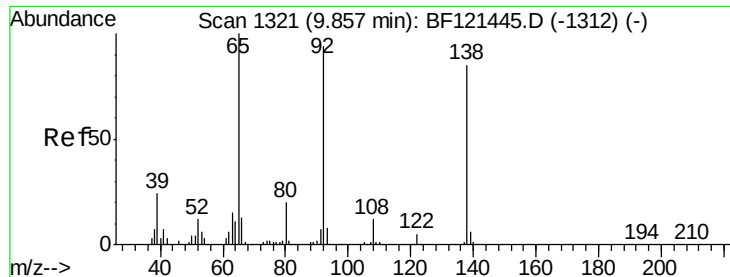
Abundance

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

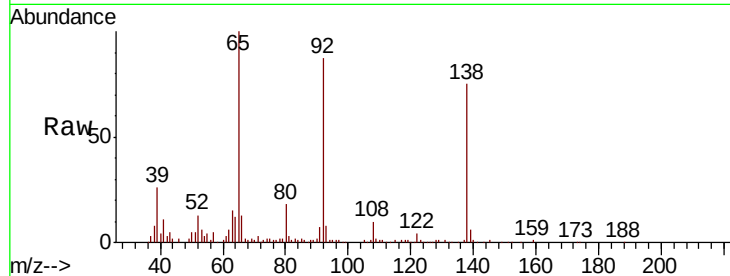
Time-->



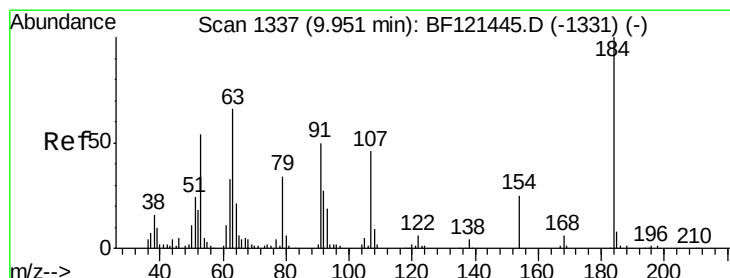
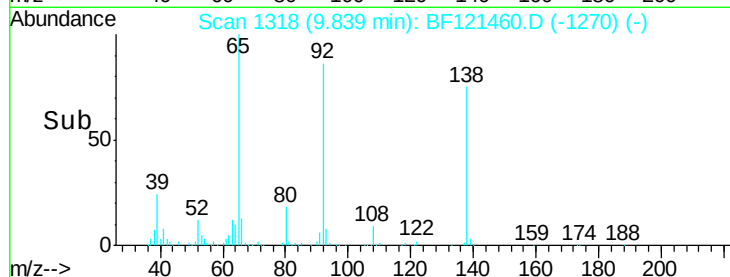
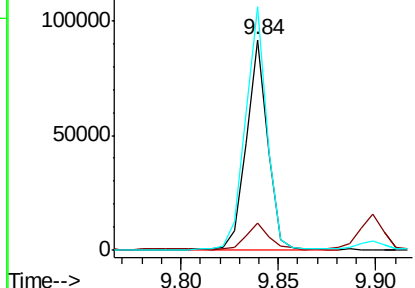
#53
3-Nitroaniline
Concen: 11.750 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:138 Resp: 69971
Ion Ratio Lower Upper
138 100
108 12.9 11.6 17.4
92 115.7 88.6 132.8

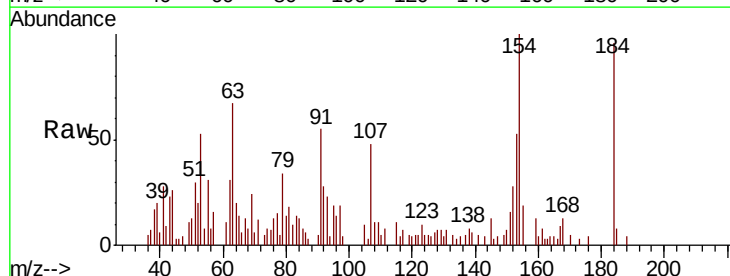


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

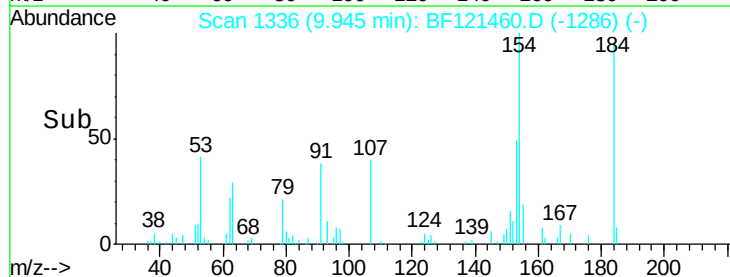
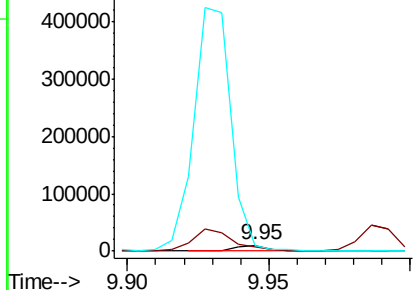


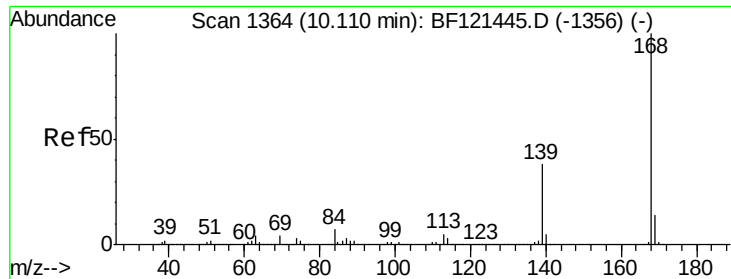
#54
2,4-Dinitrophenol
Concen: 10.182 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:184 Resp: 8557
Ion Ratio Lower Upper
184 100
63 69.8 56.8 85.2
154 104.4 55.9 83.9#



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

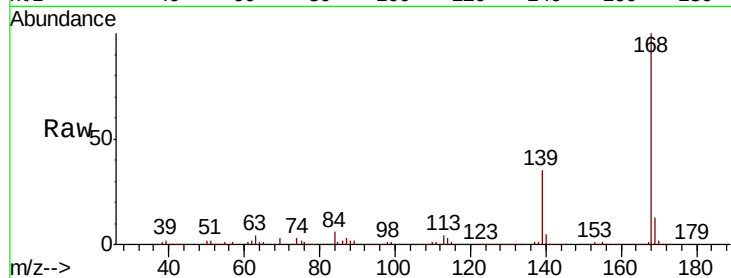




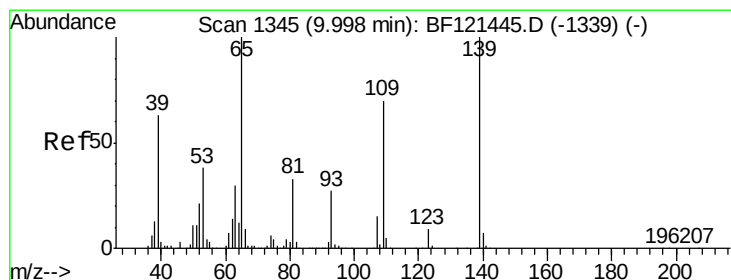
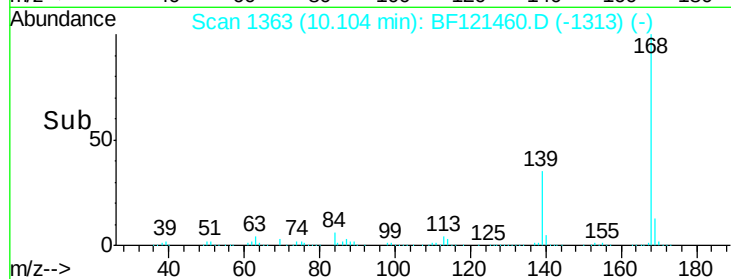
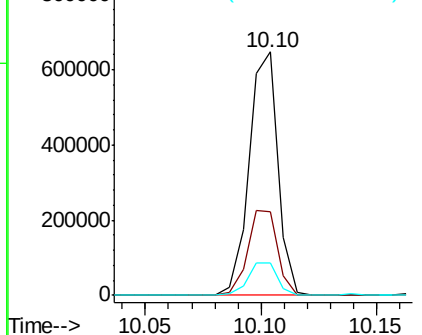
#55
Dibenzenofuran
Concen: 11.025 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:168 Resp: 564880
Ion Ratio Lower Upper
168 100
139 34.5 30.1 45.1
169 13.3 11.2 16.8

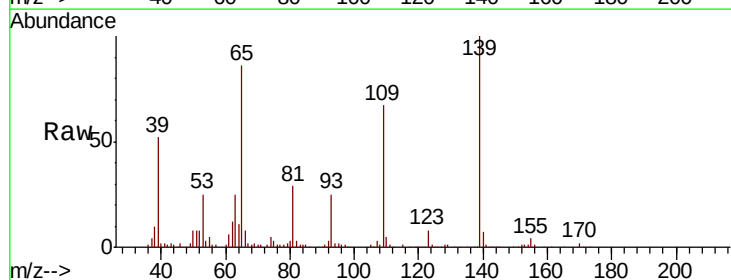


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

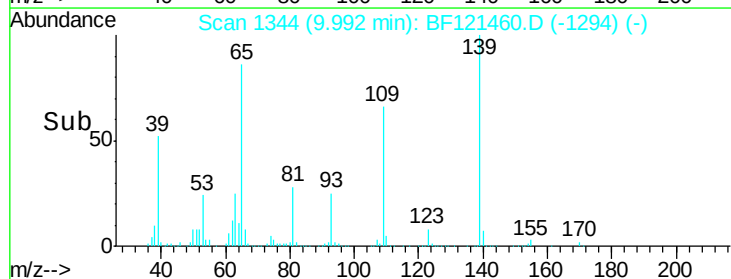
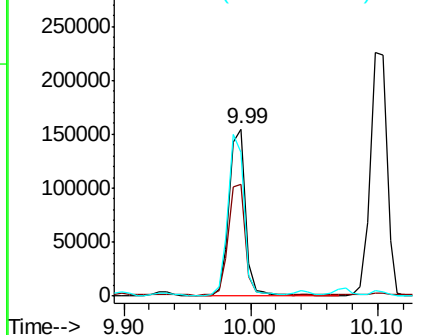


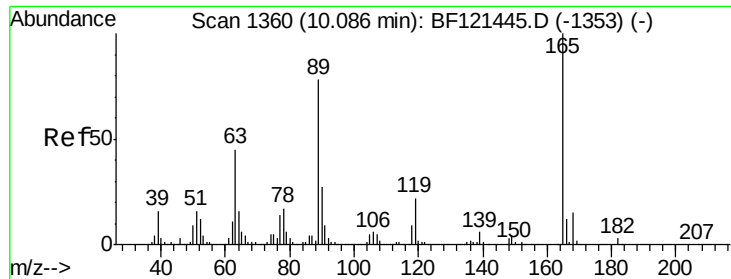
#56
4-Nitrophenol
Concen: 23.417 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:139 Resp: 137402
Ion Ratio Lower Upper
139 100
109 66.7 50.5 90.5
65 85.9 80.2 120.2



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

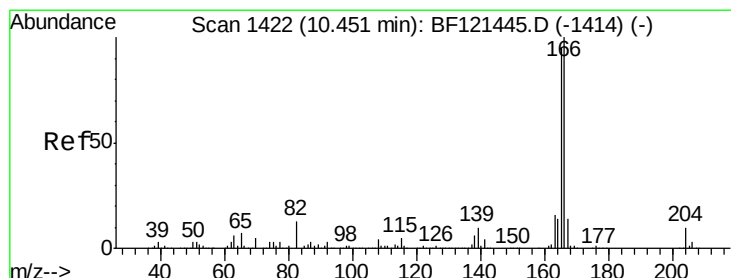
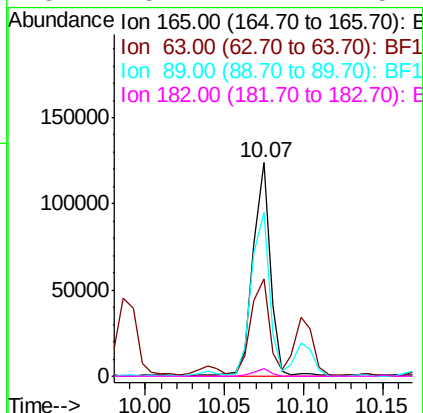
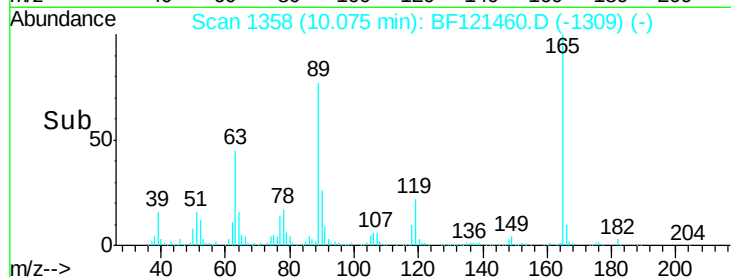
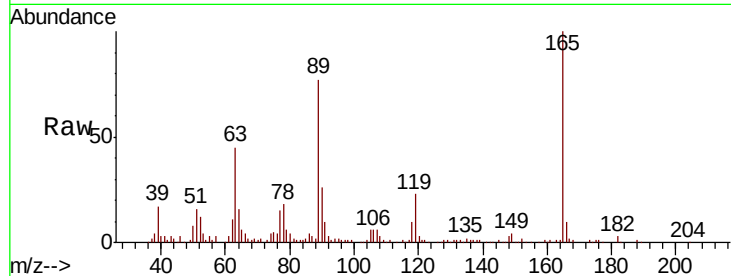




#57
 2,4-Dinitrotoluene
 Concen: 15.589 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

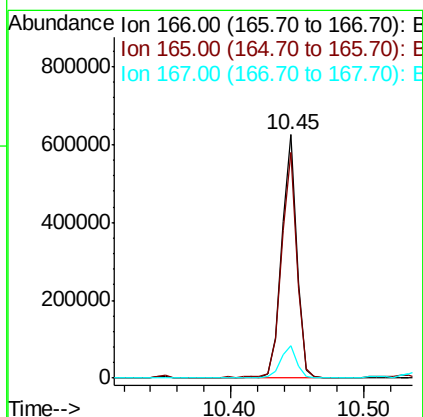
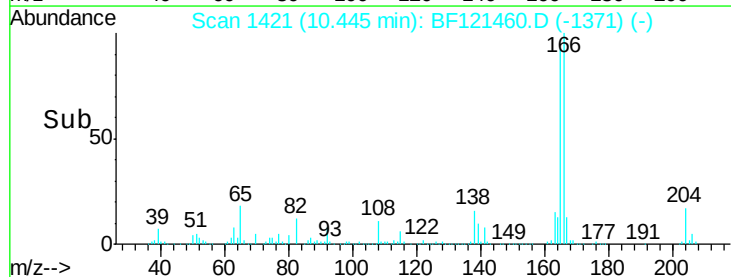
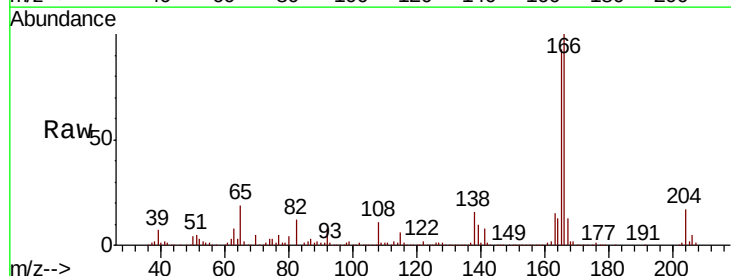
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

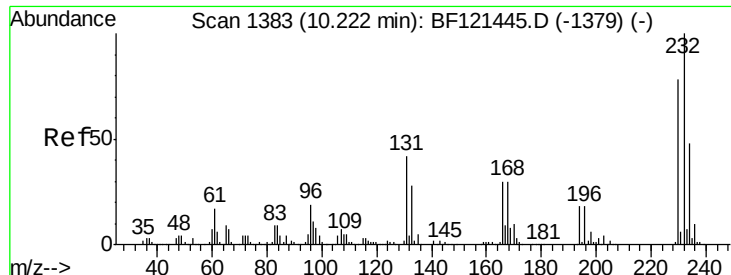
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	36.0	54.0
89	76.9	62.6	93.8
182	3.4	2.2	3.2#



#58
 Fluorene
 Concen: 13.018 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.5	75.7	113.5
167	13.3	11.1	16.7

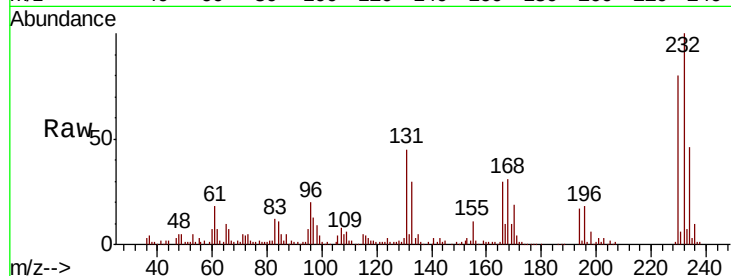




#59
2,3,4,6-Tetrachlorophenol
Concen: 10.489 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	35.7	53.5
130	3.7	1.8	2.6
166	30.7	24.1	36.1



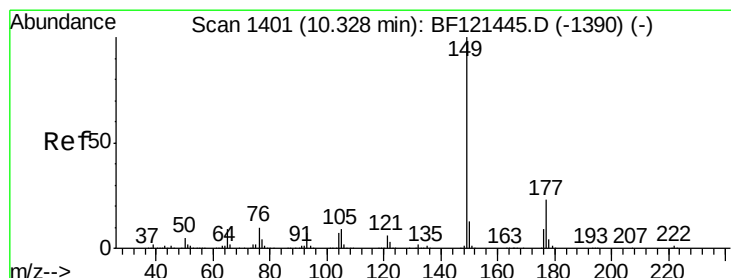
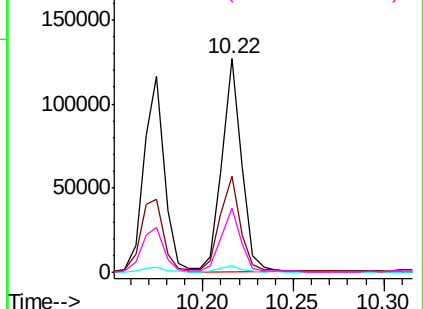
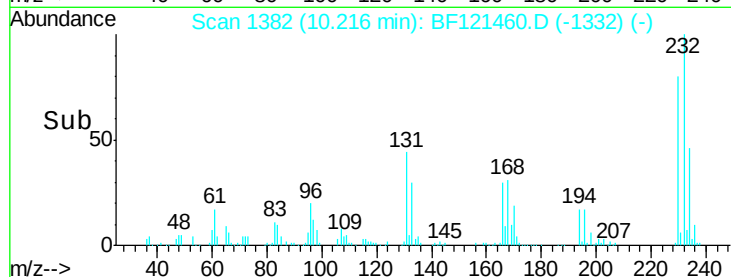
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

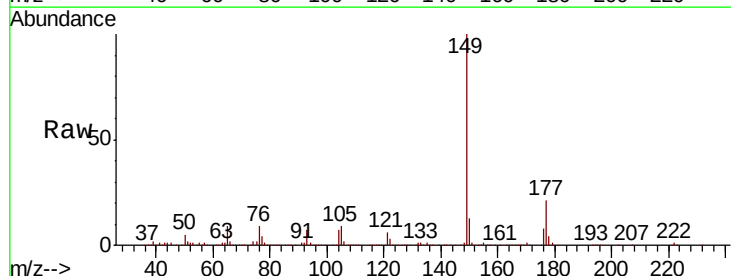
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 10.261 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	18.3	27.5
150	12.6	10.4	15.6

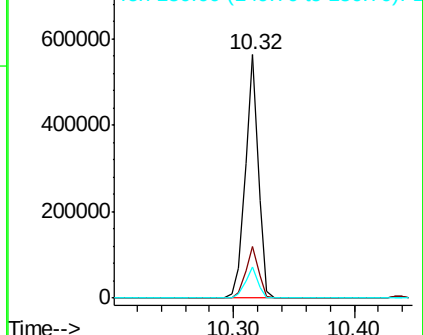
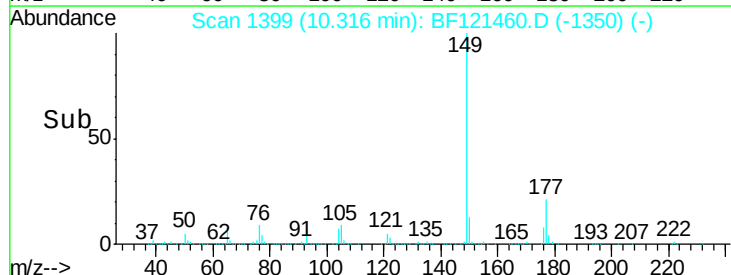


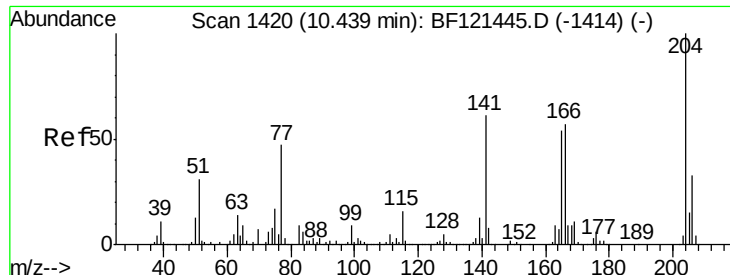
Abundance

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

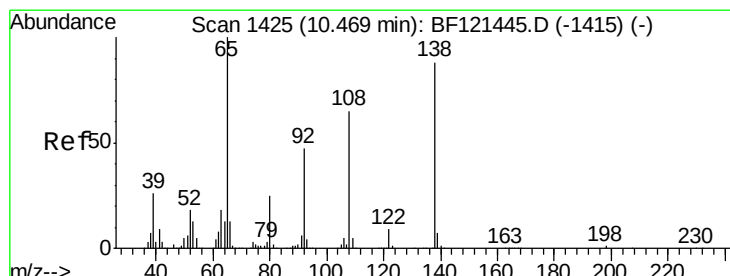
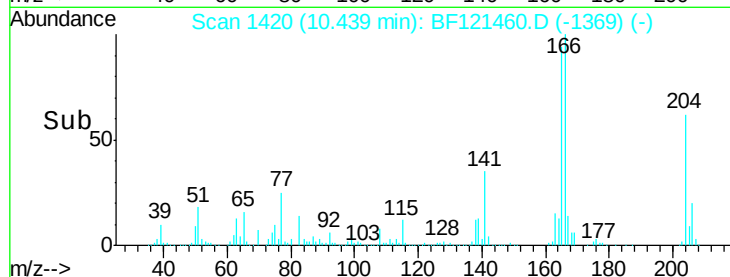
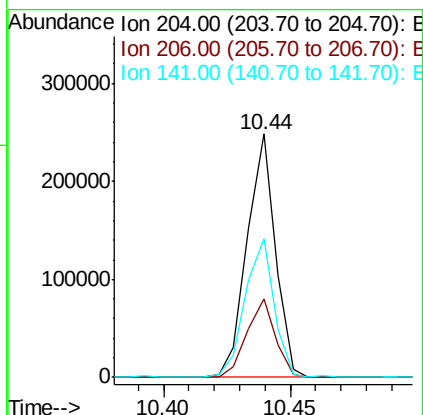
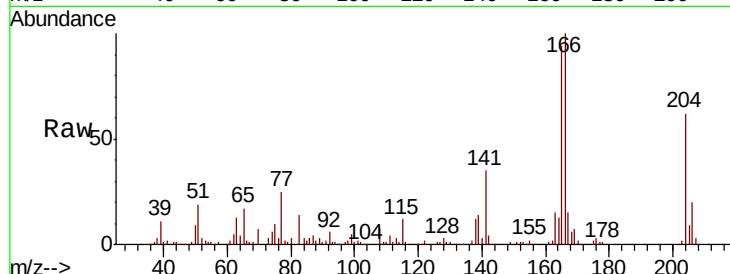




#61
4-Chlorophenyl-phenylether
Concen: 9.993 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

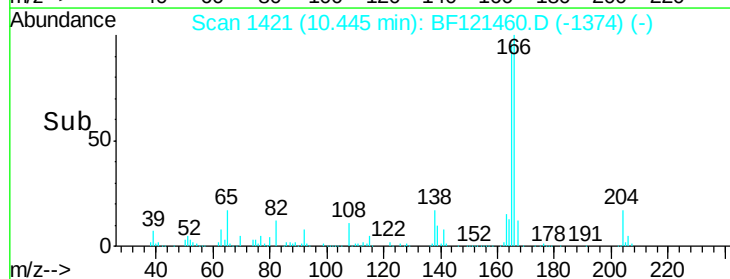
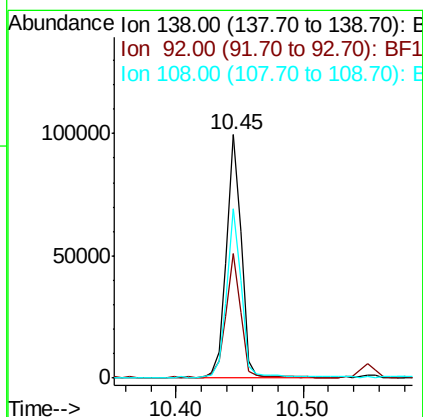
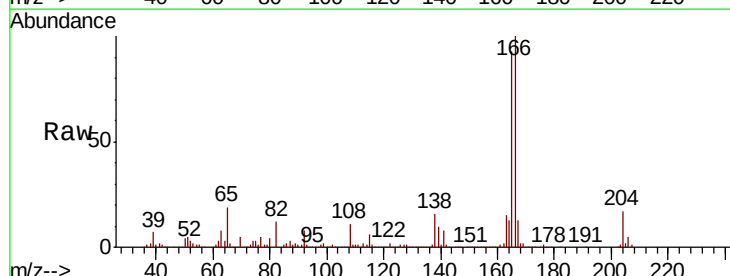
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

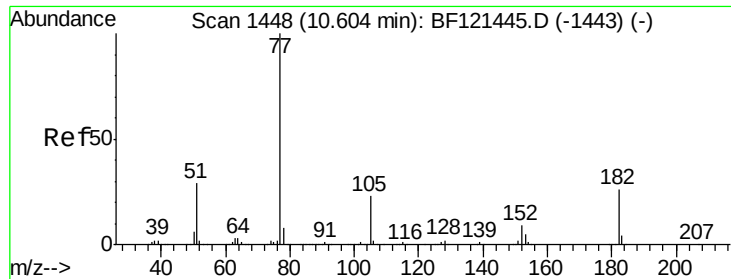
Tot Ion:204 Resp: 193383
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 56.8 48.7 73.1



#62
4-Nitroaniline
Concen: 11.931 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.02 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:138 Resp: 82305
Ion Ratio Lower Upper
138 100
92 51.0 33.2 73.2
108 69.5 53.6 93.6

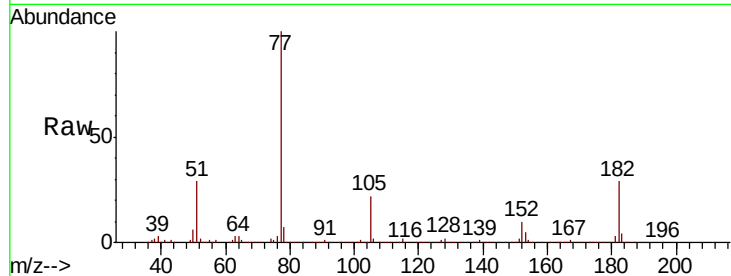




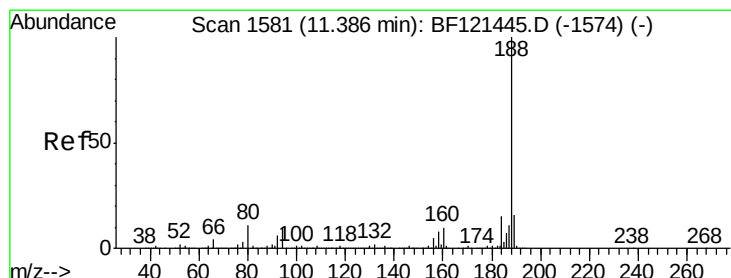
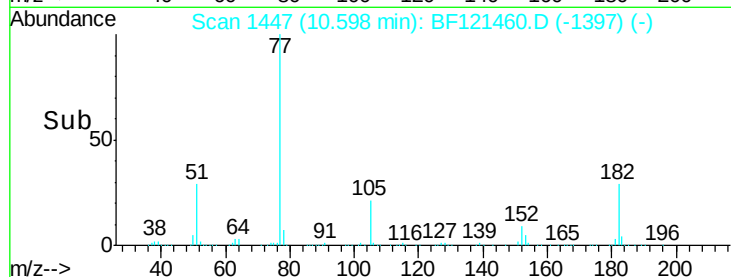
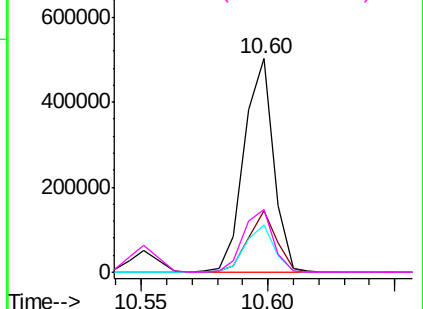
#63
Azobenzene
Concen: 9.812 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:	77	Resp:	402060
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.2	46.2
105	22.2	3.3	43.3
51	29.4	9.5	49.5

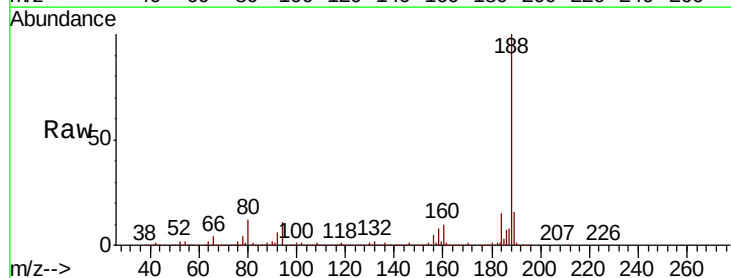


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

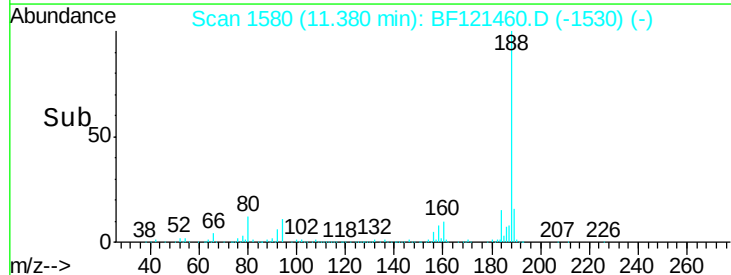
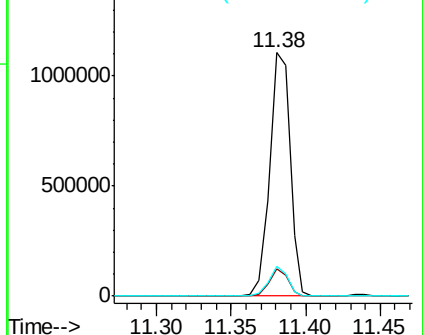


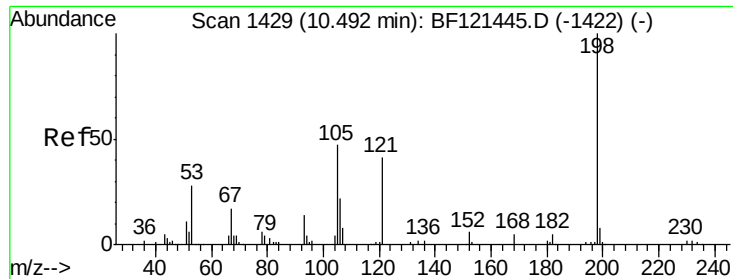
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:	188	Resp:	1050627
Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.3	12.5
80	12.2	8.6	13.0



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: 10.815 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

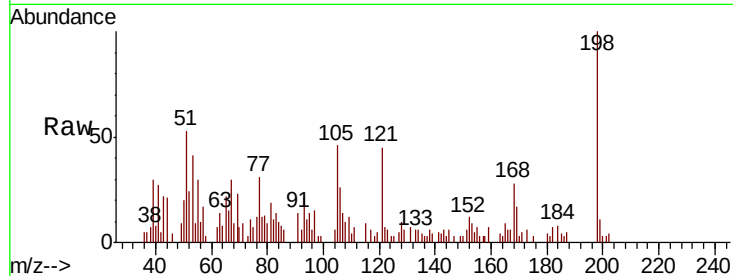
Tot Ion:198 Resp: 10326

Ion Ratio Lower Upper

198 100

51 52.7 29.0 69.0

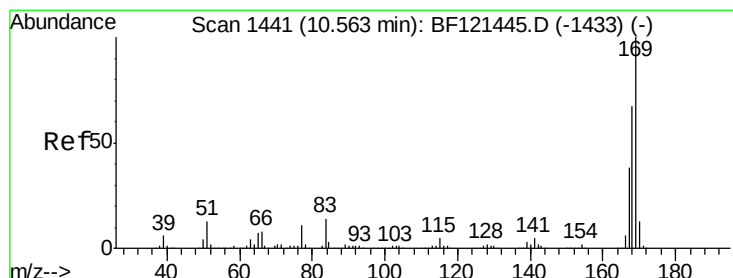
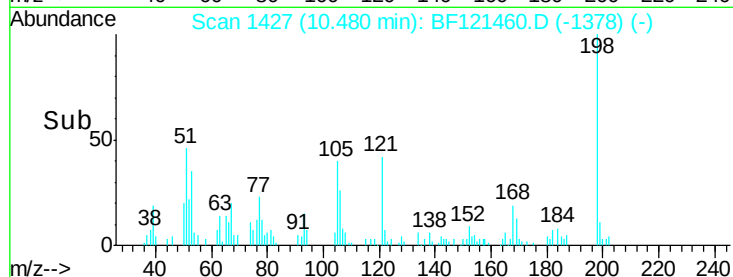
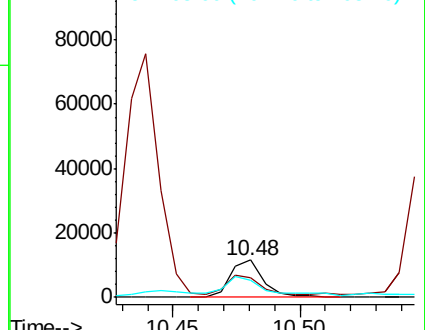
105 46.2 29.1 69.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 10.663 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

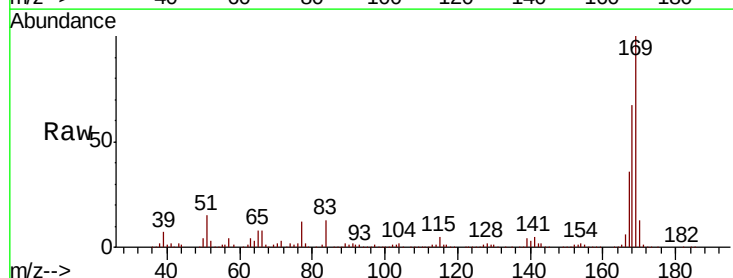
Tgt Ion:169 Resp: 354308

Ion Ratio Lower Upper

169 100

168 67.1 54.0 81.0

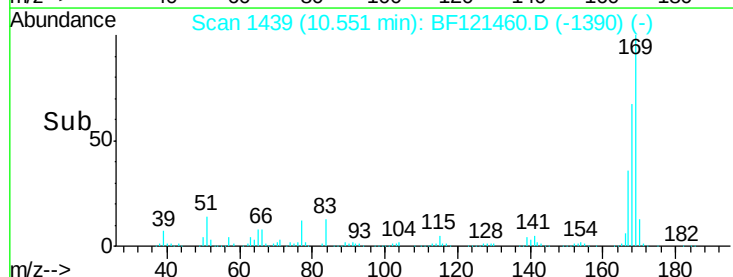
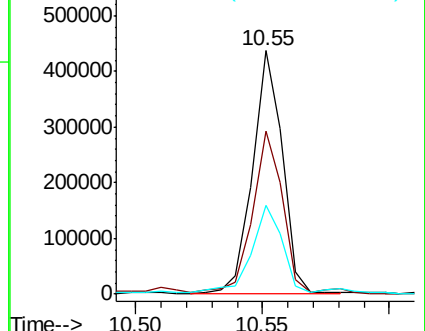
167 36.4 30.2 45.2

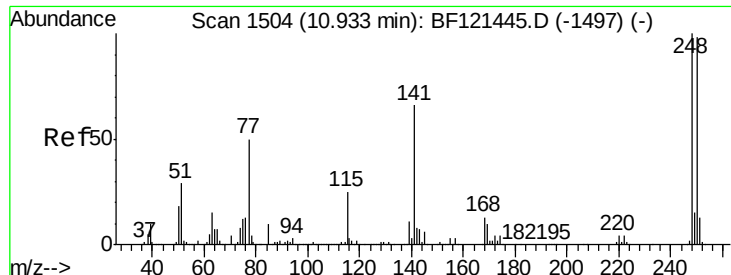


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

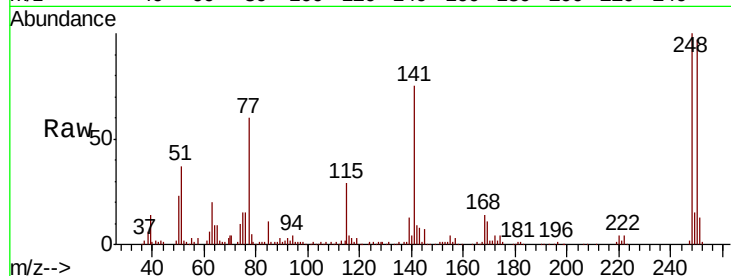




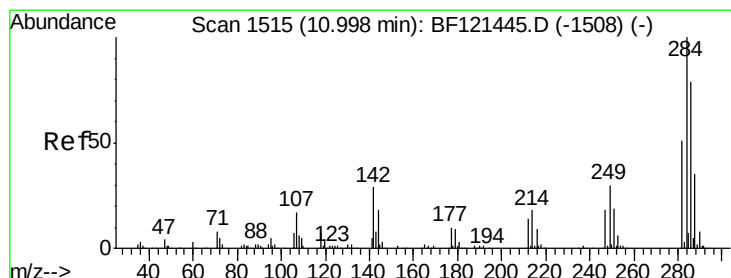
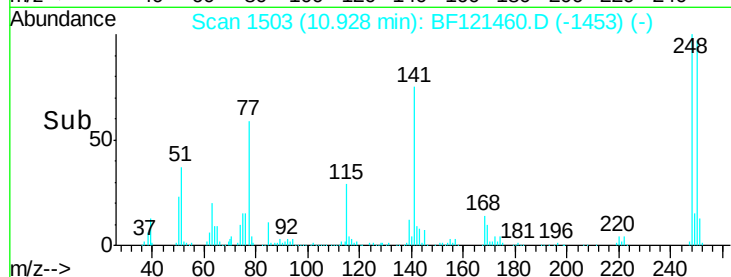
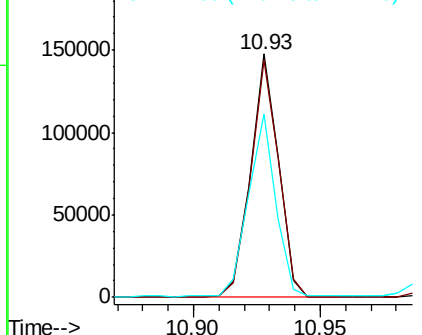
#67
4-Bromophenyl-phenylether
Concen: 9.827 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion:248 Resp: 113579
Ion Ratio Lower Upper
248 100
250 97.3 78.7 118.1
141 75.1 52.6 78.8

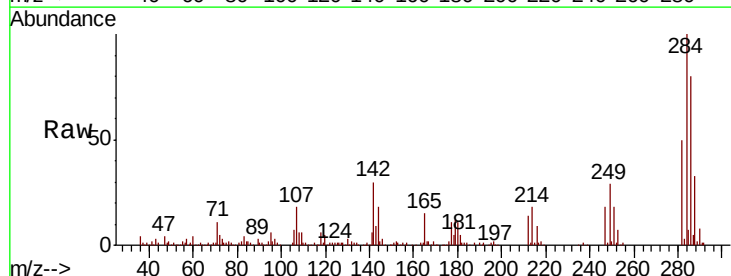


Abundance Ion 248.00 (247.70 to 248.70): E
200000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

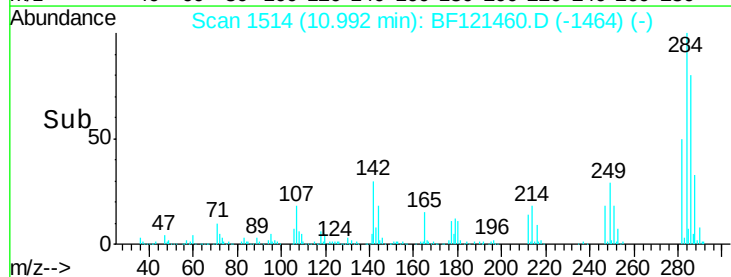
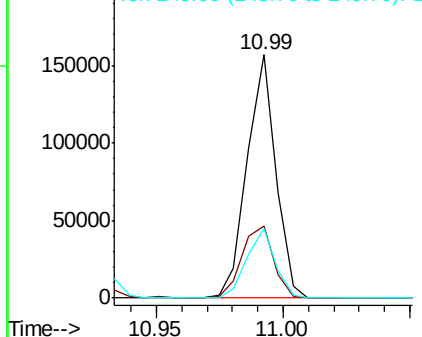


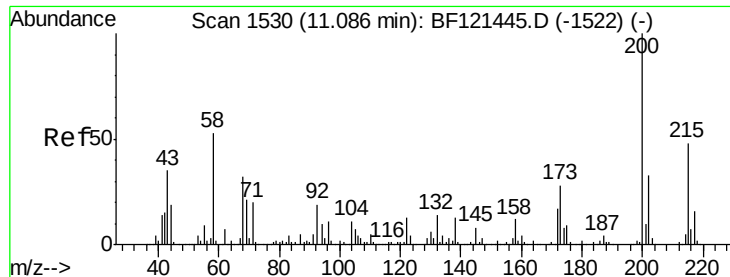
#68
Hexachlorobenzene
Concen: 9.178 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:284 Resp: 124051
Ion Ratio Lower Upper
284 100
142 29.6 23.4 35.0
249 28.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E
200000 Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 9.853 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

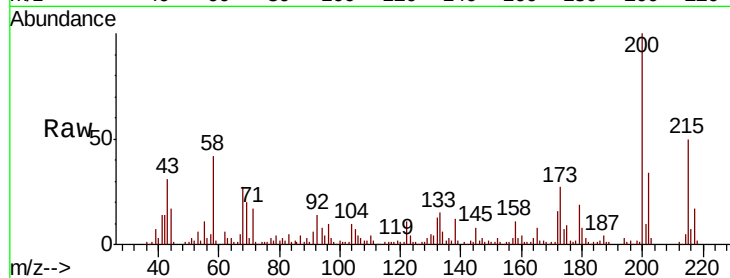
Tot Ion:200 Resp: 94951

Ion Ratio Lower Upper

200 100

173 27.0 8.1 48.1

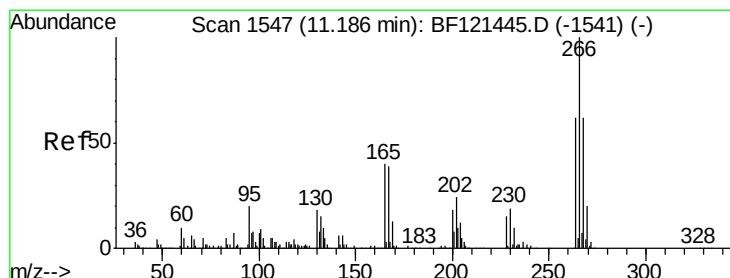
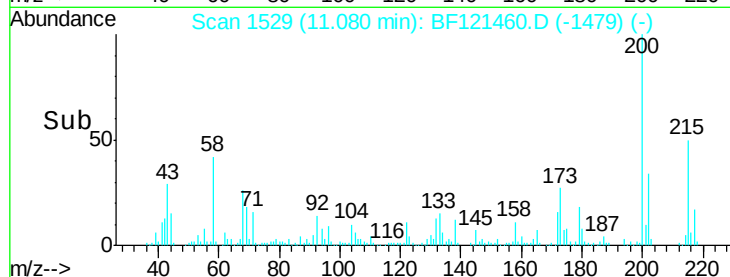
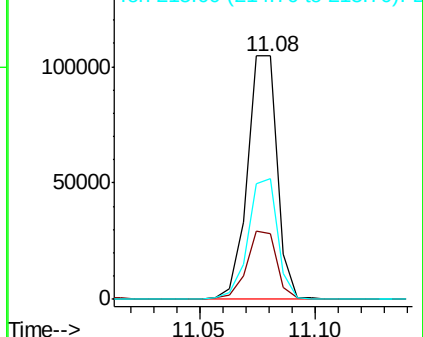
215 49.8 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 19.982 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

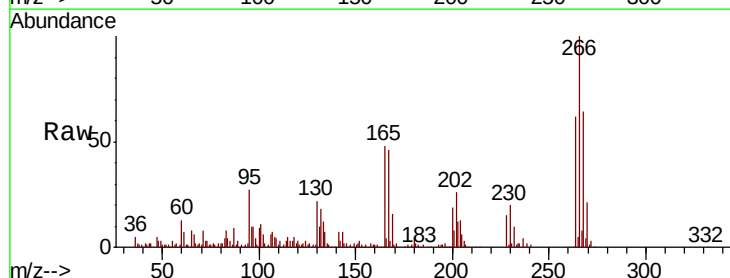
Tgt Ion:266 Resp: 123383

Ion Ratio Lower Upper

266 100

268 63.5 49.7 74.5

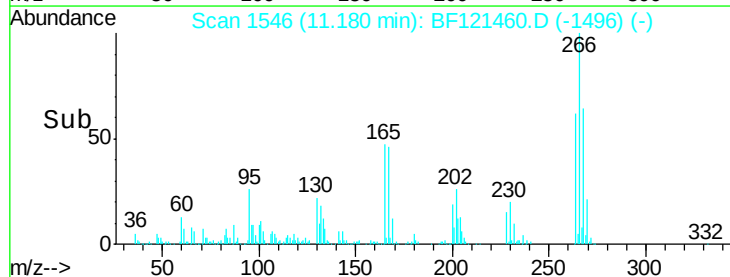
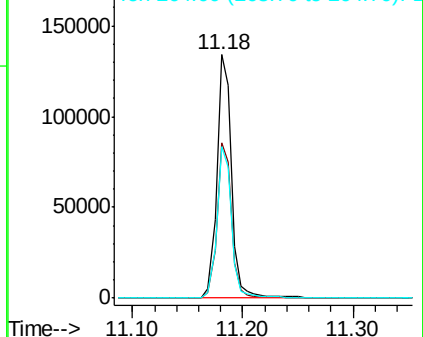
264 62.4 49.4 74.0

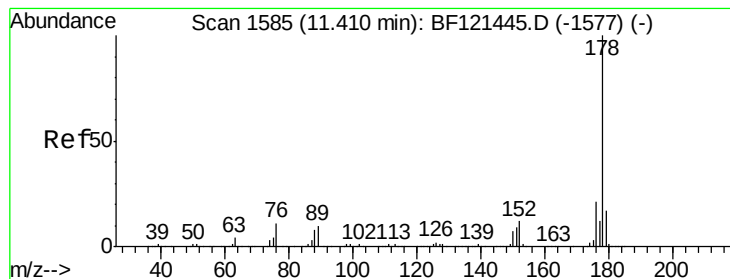


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 21.613 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

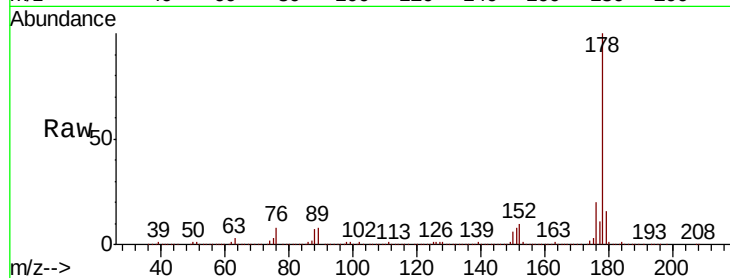
Tot Ion:178 Resp: 1165298

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.9	25.3
179	15.6	13.4	20.0

178 100

176 19.8 16.9 25.3

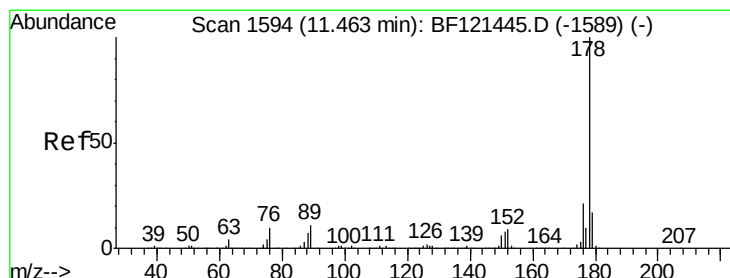
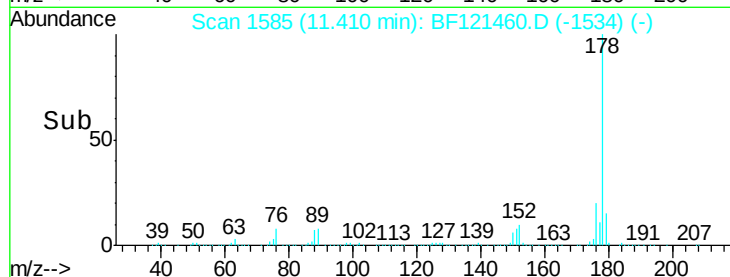
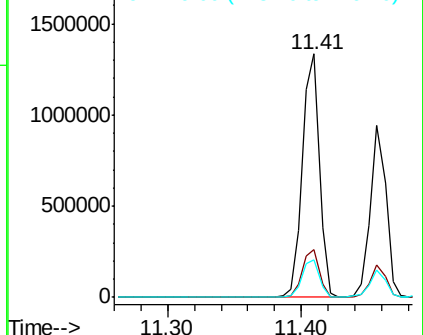
179 15.6 13.4 20.0



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: 14.092 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

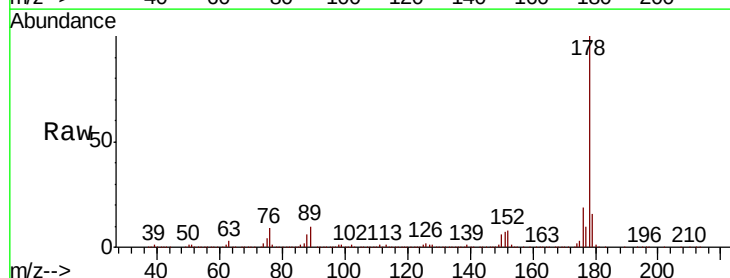
Tgt Ion:178 Resp: 747285

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.7	25.1
179	15.6	13.4	20.2

178 100

176 18.8 16.7 25.1

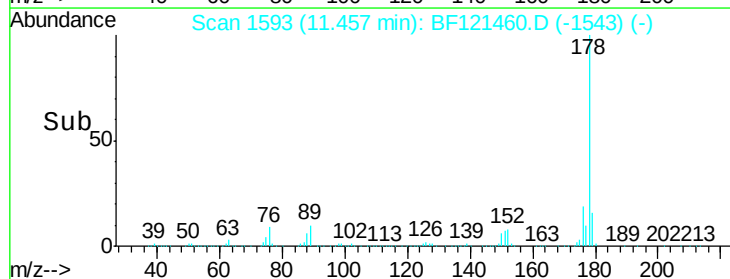
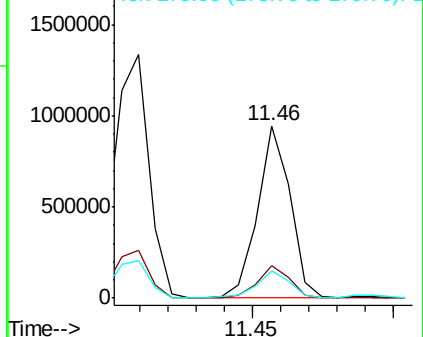
179 15.6 13.4 20.2

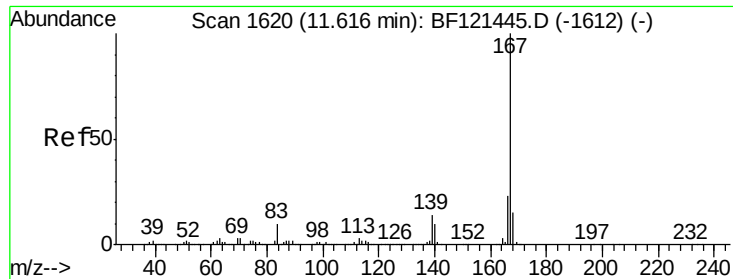


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

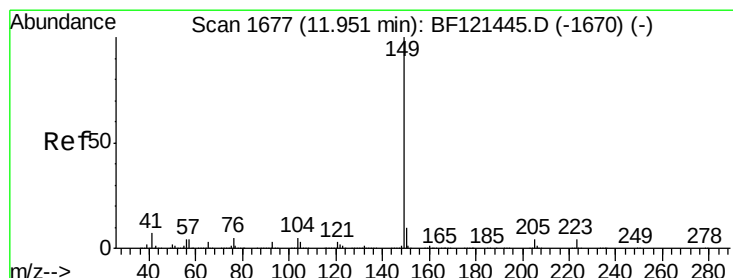
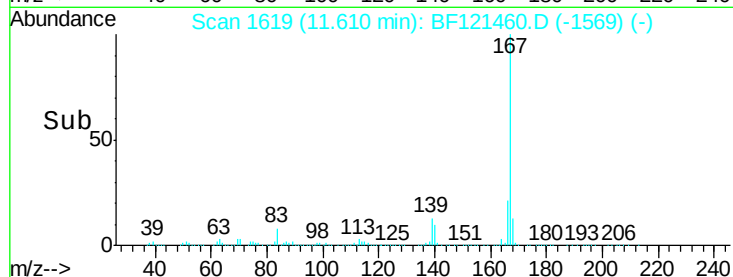
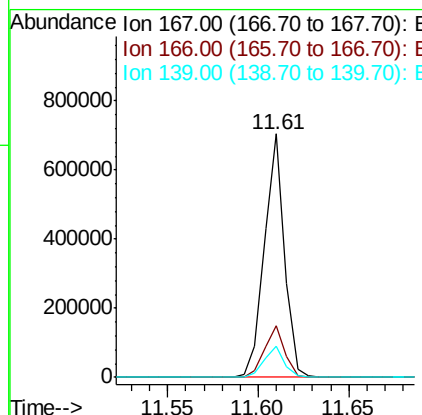
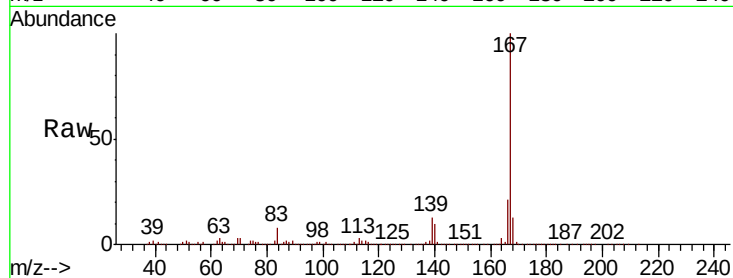




#73
 Carbazole
 Concen: 10.599 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

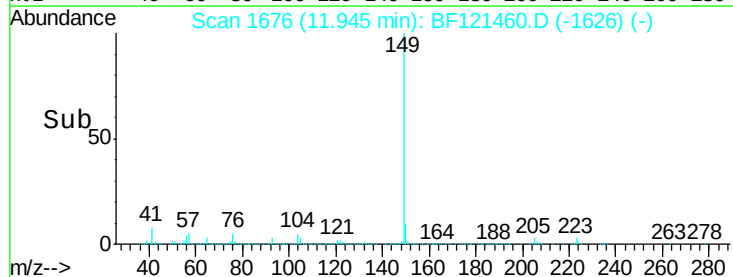
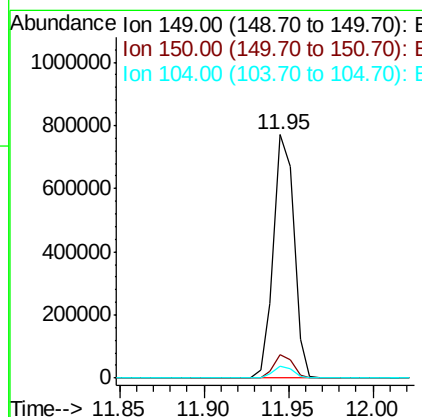
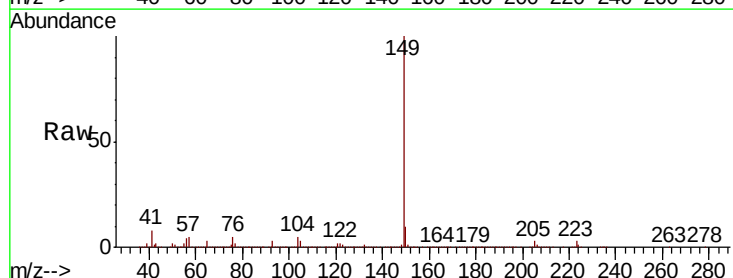
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

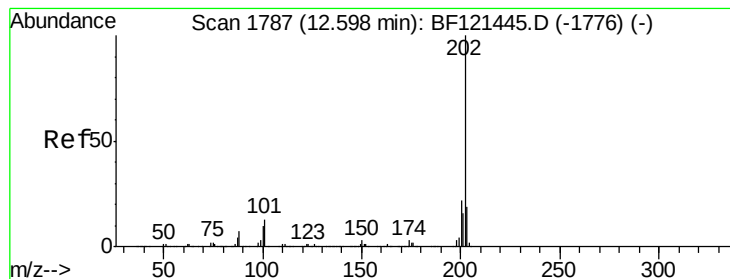
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.4	27.6
139	12.8	11.0	16.6



#74
 Di-n-butylphthalate
 Concen: 11.417 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 23.414 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

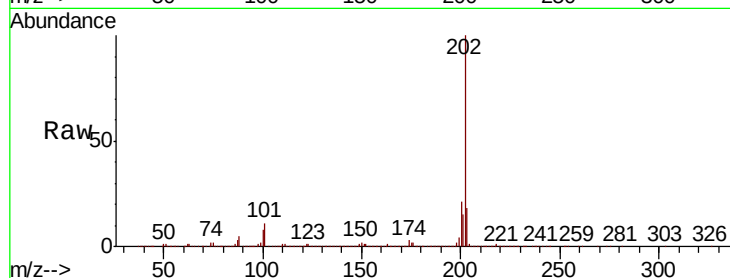
Tot Ion:202 Resp: 1360535

Ion Ratio Lower Upper

202 100

101 11.2 0.0 33.3

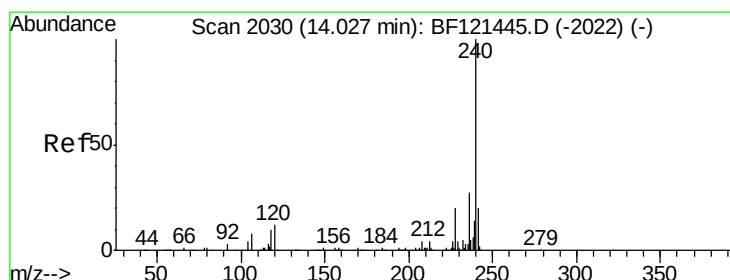
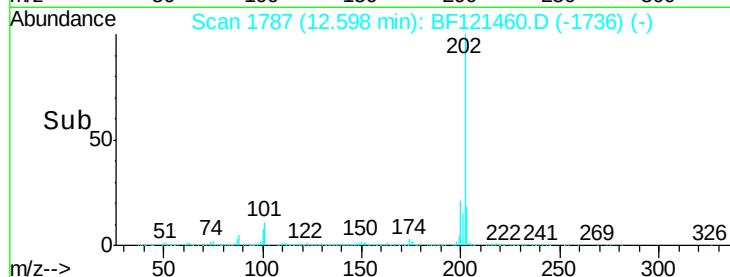
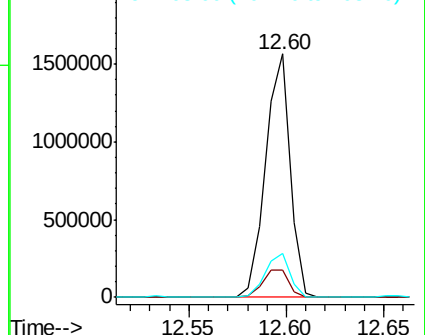
203 17.9 0.0 39.1



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

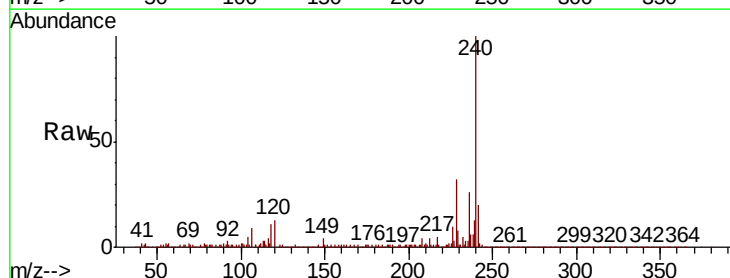
Tgt Ion:240 Resp: 696395

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

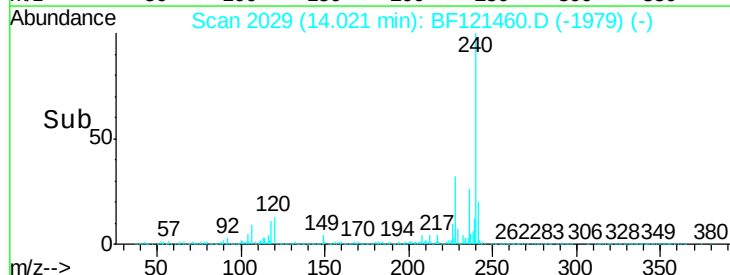
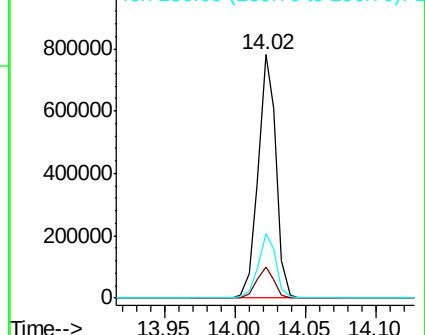
236 26.4 21.8 32.6

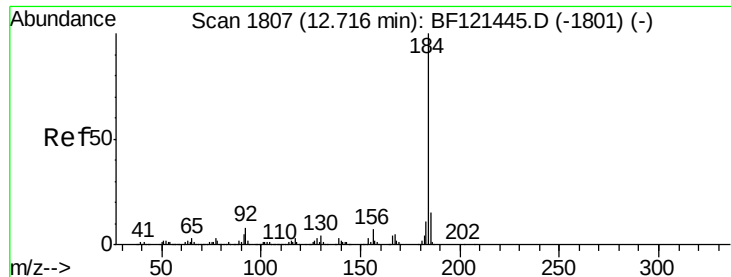


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.703 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

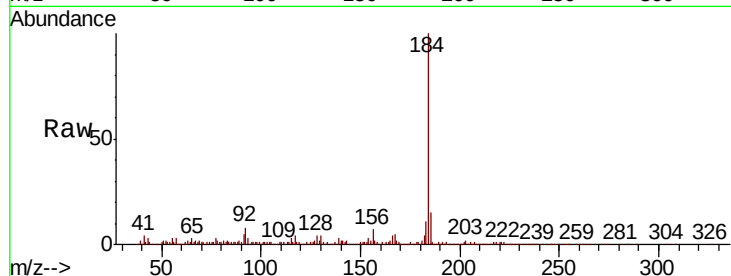
Tot Ion:184 Resp: 238495

Ion Ratio Lower Upper

184 100

185 15.3 12.1 18.1

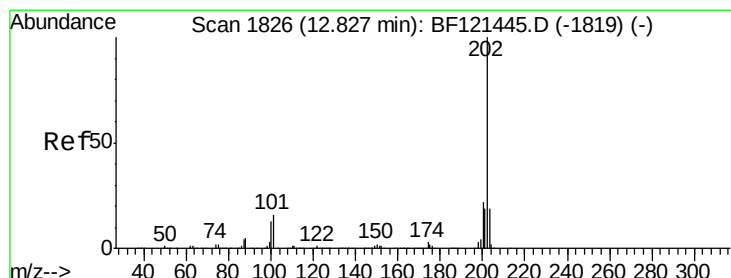
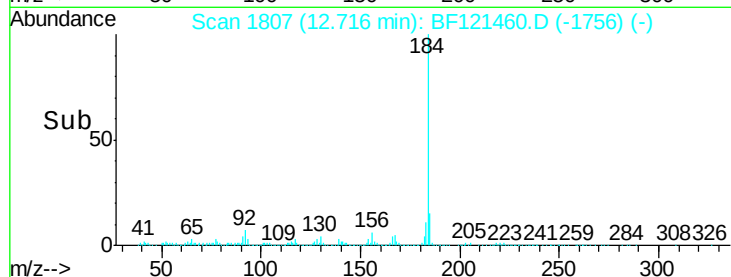
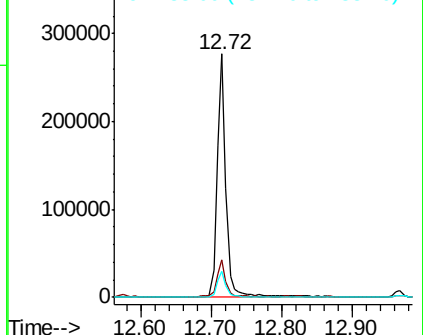
183 10.8 8.9 13.3



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: 25.282 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

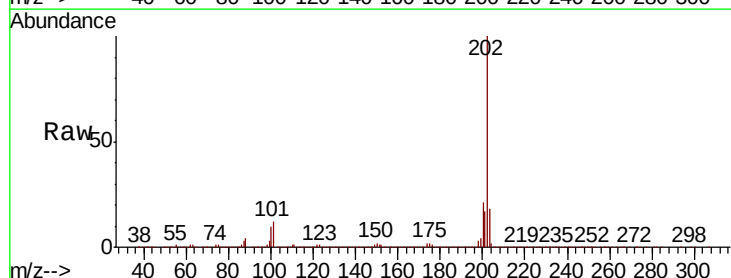
Tgt Ion:202 Resp: 1257411

Ion Ratio Lower Upper

202 100

200 21.0 18.0 27.0

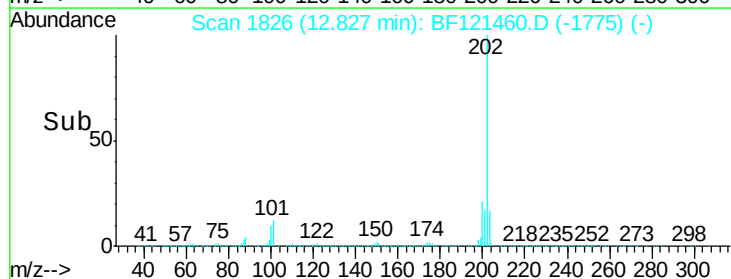
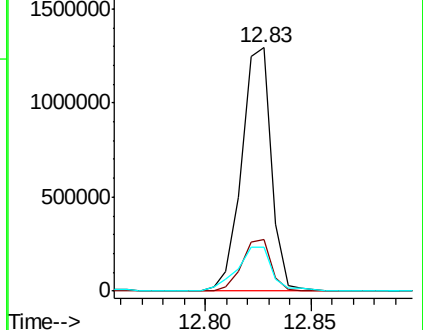
203 17.9 15.3 22.9

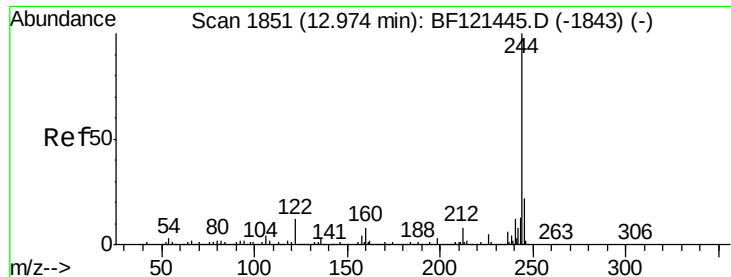


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 12.390 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

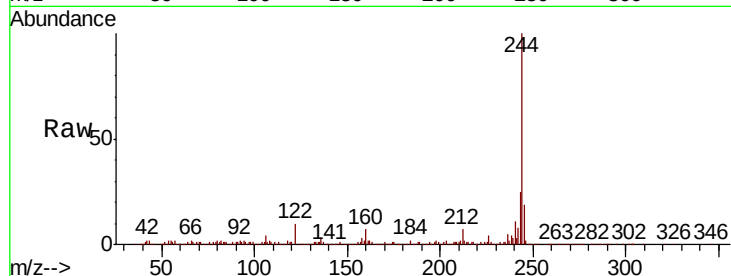
Tot Ion:244 Resp: 409891

Ion Ratio Lower Upper

244 100

212 6.6 6.3 9.5

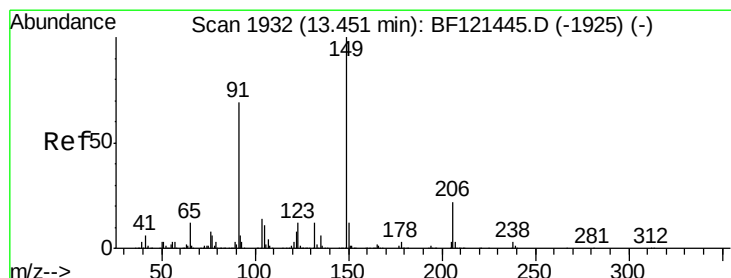
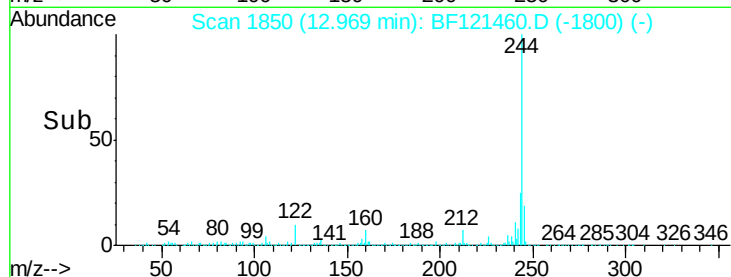
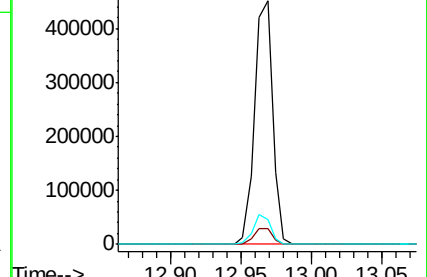
122 10.3 9.5 14.3



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: 11.779 ng

RT: 13.45 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

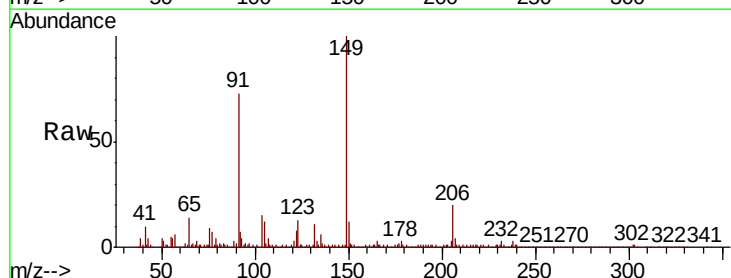
Tgt Ion:149 Resp: 225691

Ion Ratio Lower Upper

149 100

91 73.3 55.0 82.4

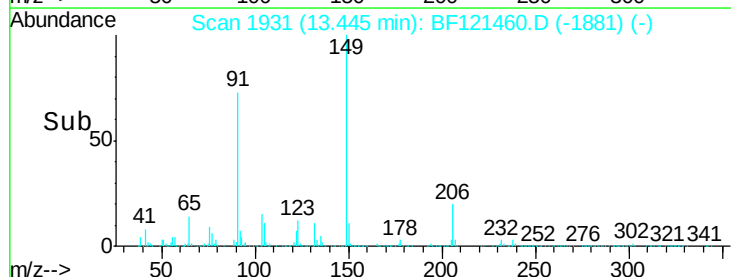
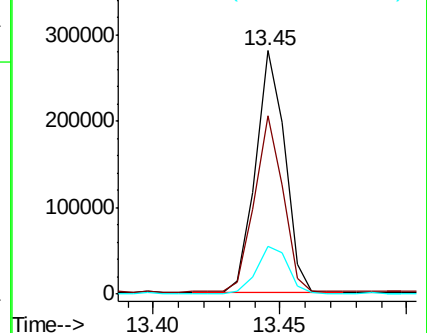
206 19.7 17.8 26.6

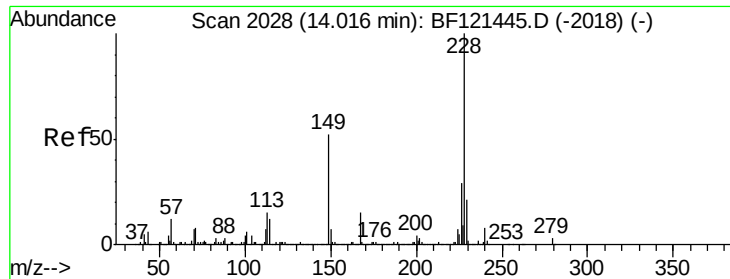


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

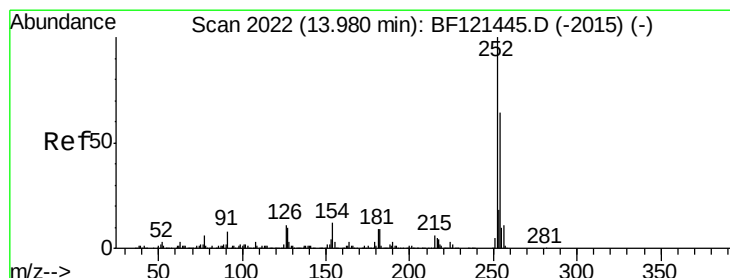
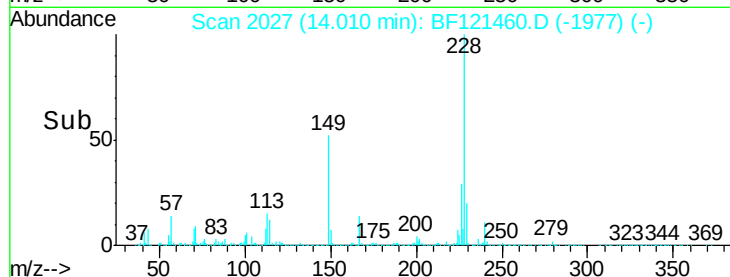
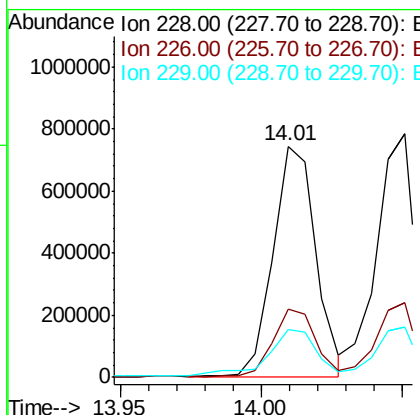
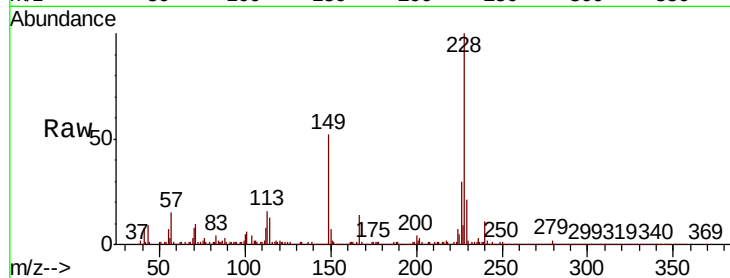




#81
Benzo(a)anthracene
Concen: 18.289 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

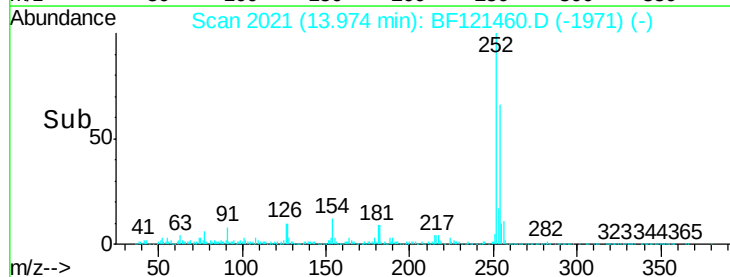
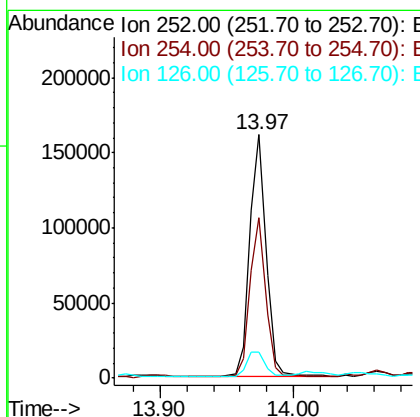
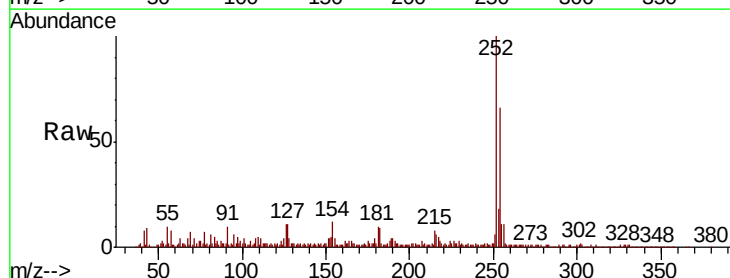
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

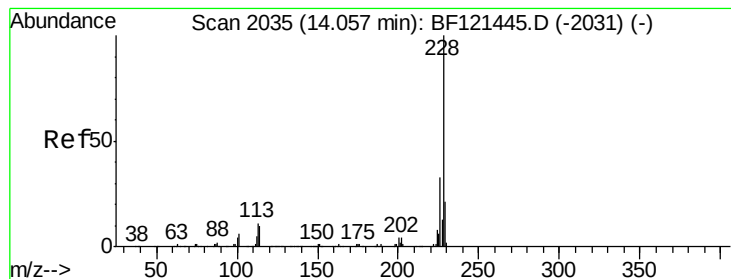
Tot Ion:228 Resp: 777473
Ion Ratio Lower Upper
228 100
226 29.6 23.0 34.4
229 20.9 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 8.675 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:252 Resp: 135070
Ion Ratio Lower Upper
252 100
254 65.8 51.4 77.2
126 10.5 8.5 12.7





#83

Chrvsene

Concen: 17.353 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

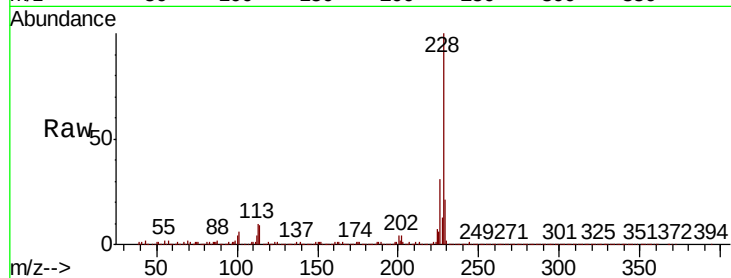
Tot Ion:228 Resp: 738038

Ion Ratio Lower Upper

228 100

226 30.6 26.2 39.2

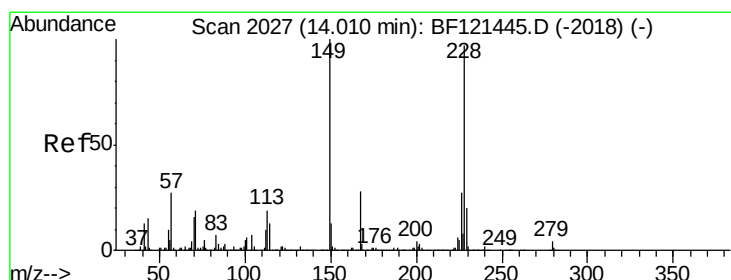
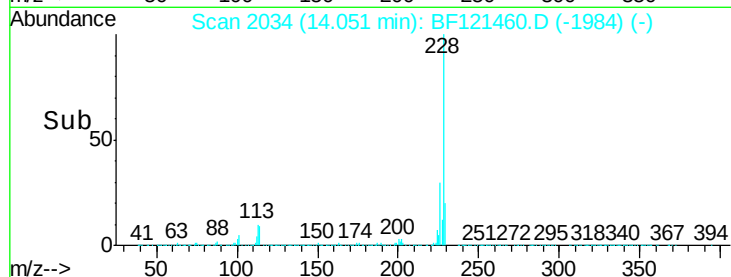
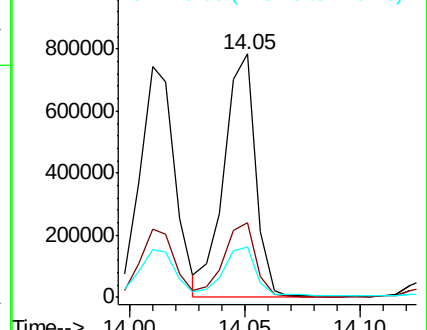
229 20.7 16.6 25.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 12.686 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

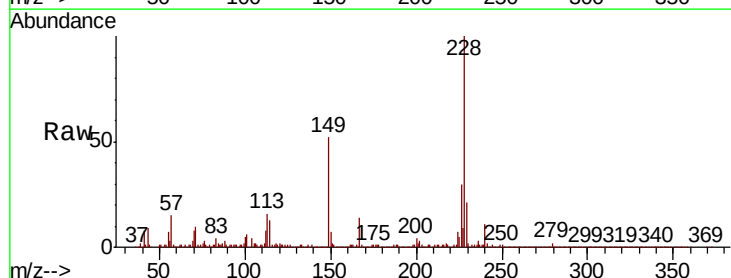
Tgt Ion:149 Resp: 313932

Ion Ratio Lower Upper

149 100

167 27.6 22.6 34.0

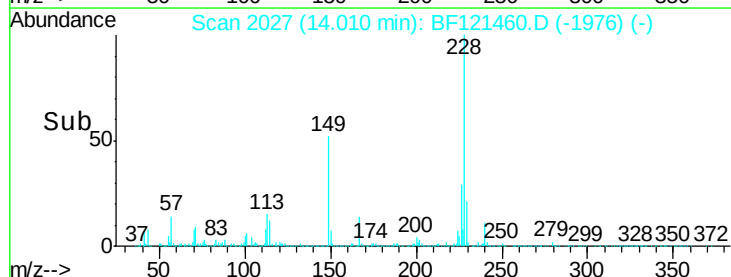
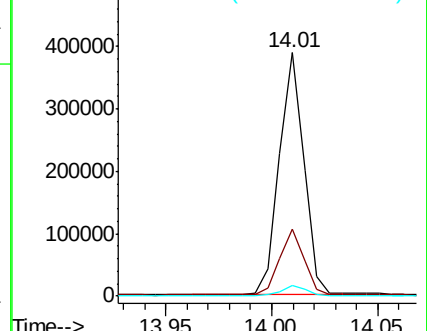
279 4.2 3.3 4.9

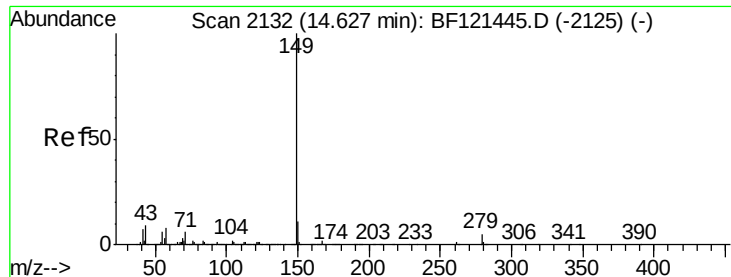


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 12.482 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

Instrument :

BNA_F

ClientSampleId :

SU-03-082720MSD

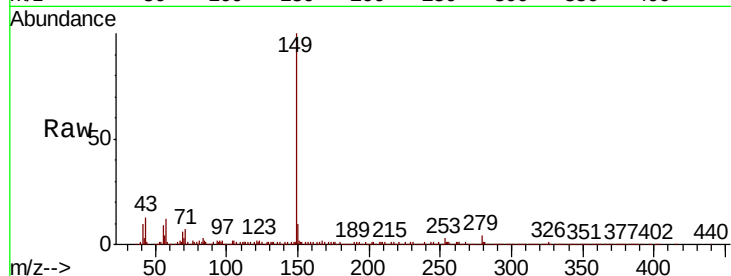
Tot Ion:149 Resp: 523490

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

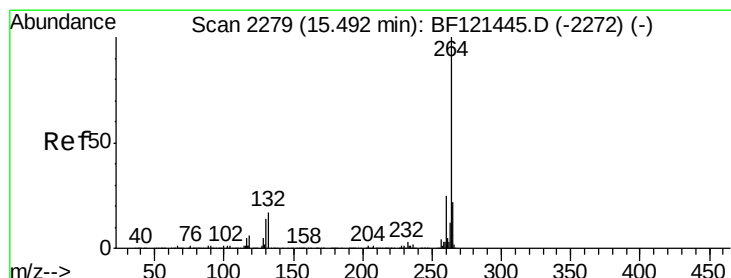
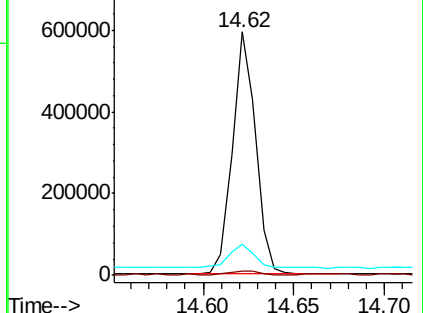
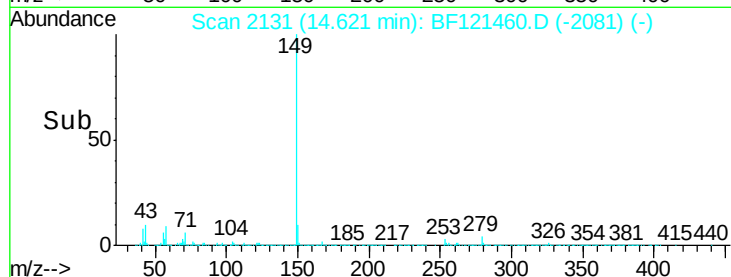
43 11.4 8.3 12.5



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF121460.D

Acq: 28 Aug 2020 15:23

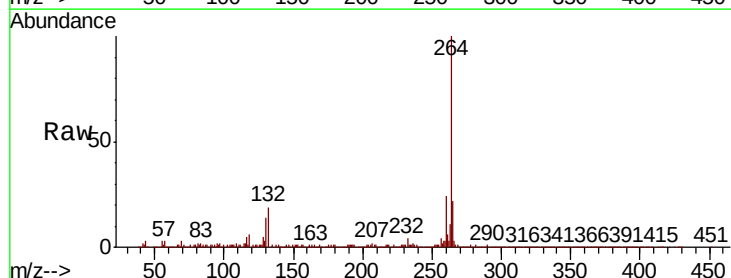
Tgt Ion:264 Resp: 770978

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

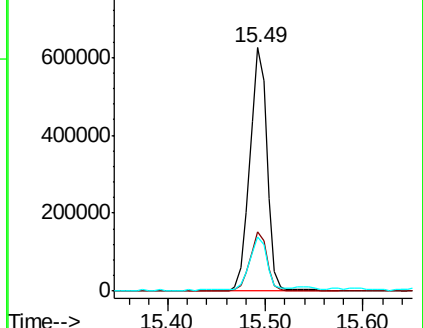
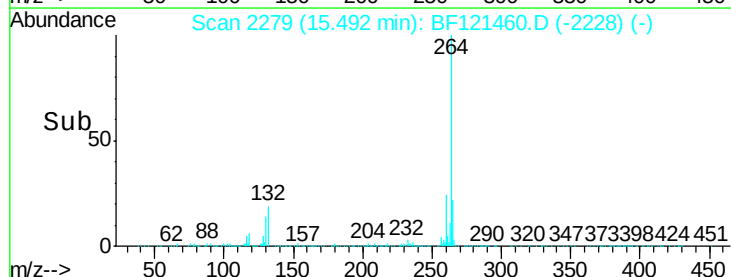
265 22.4 17.8 26.6

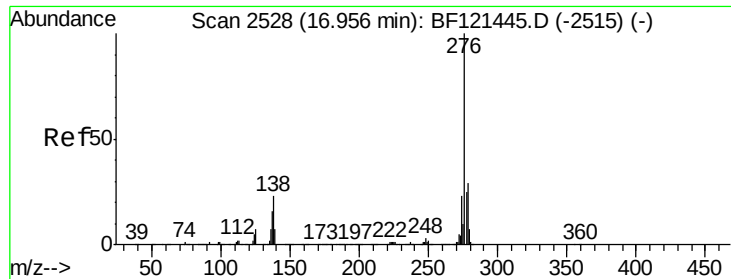


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

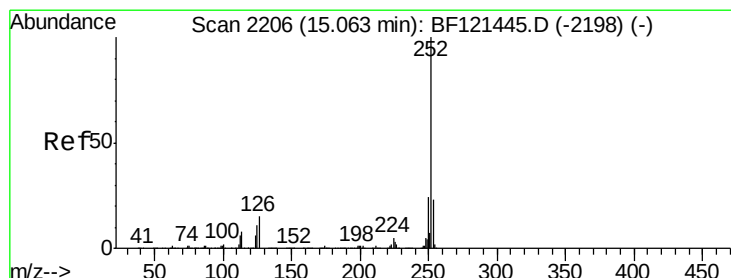
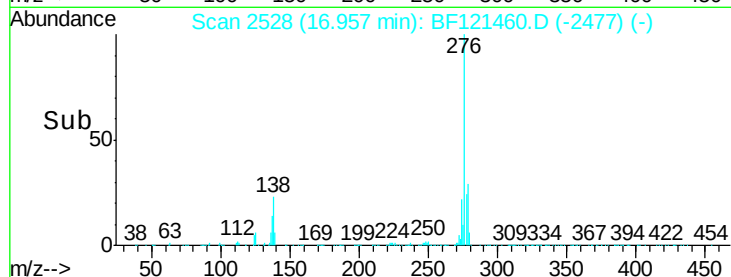
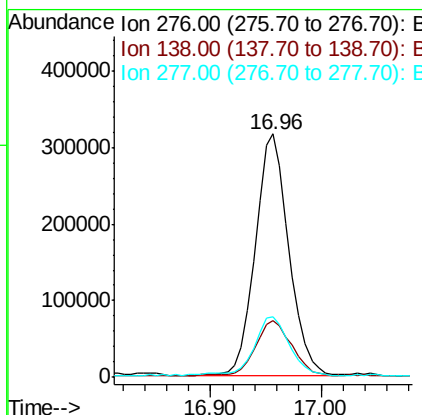
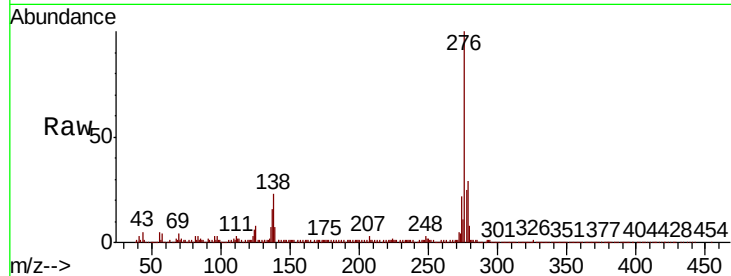




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 14.129 ng
 RT: 16.96 min Scan# 2528
 Delta R.T. 0.00 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

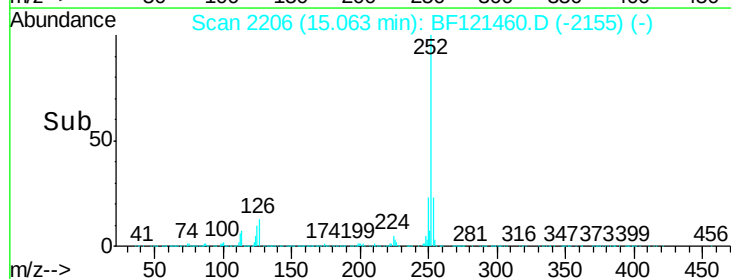
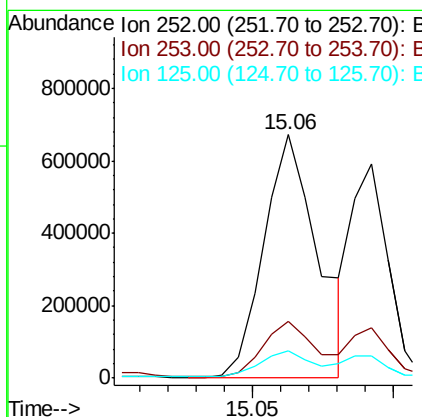
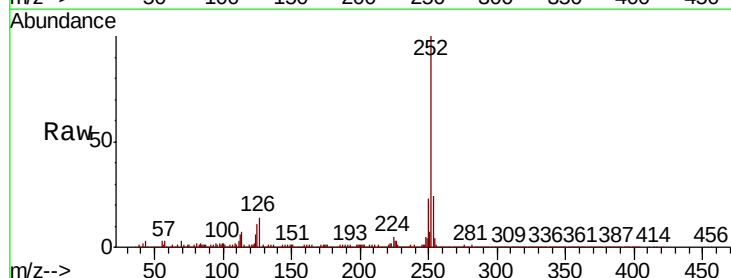
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-082720MSD

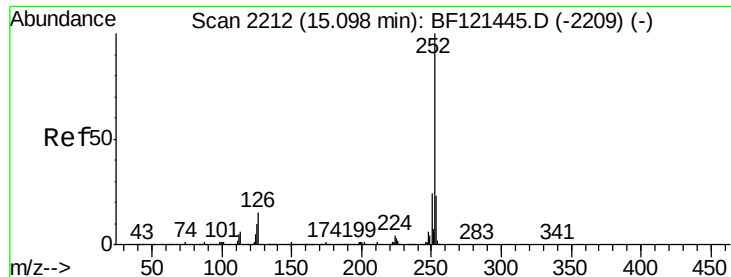
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.6	31.0
277	25.4	20.5	30.7



#88
 Benzo(b)fluoranthene
 Concen: 17.670 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. 0.00 min
 Lab File: BF121460.D
 Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.3	27.5
125	11.1	9.2	13.8

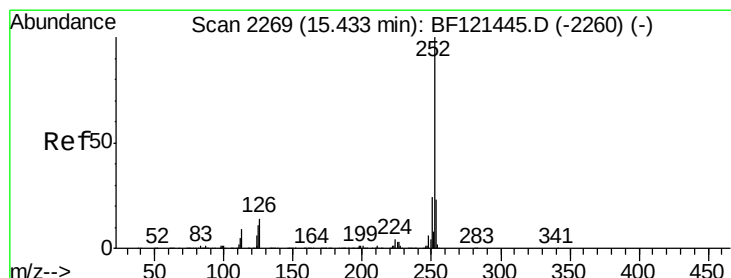
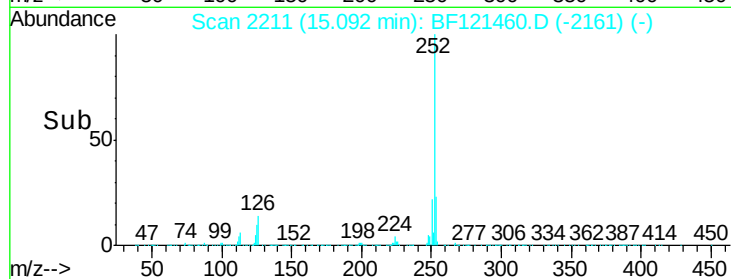
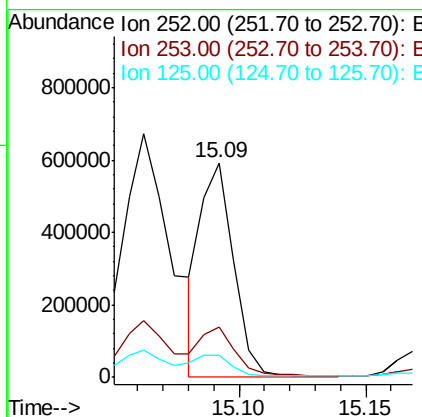
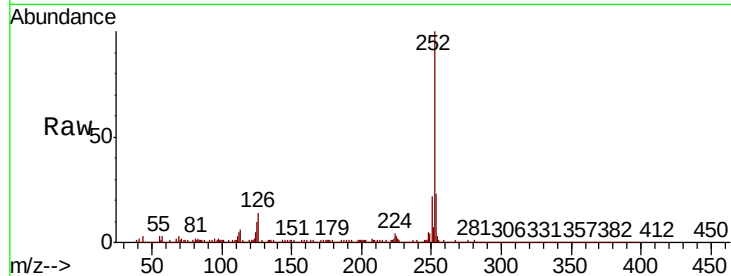




#89
Benzo(k)fluoranthene
Concen: 11.420 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

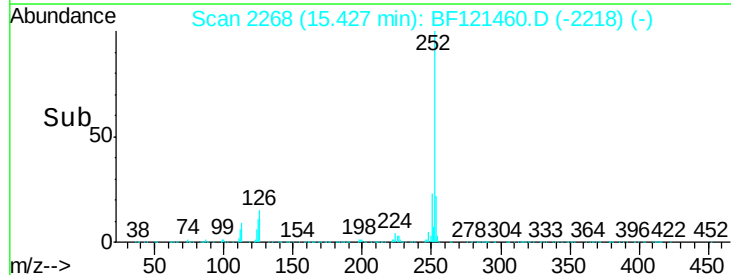
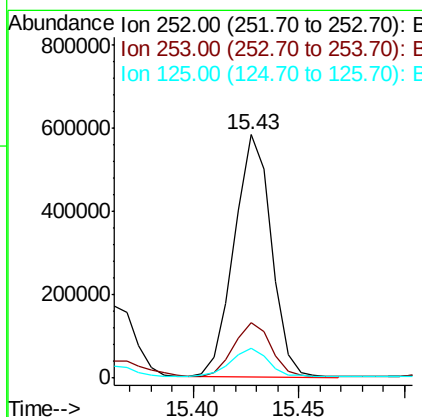
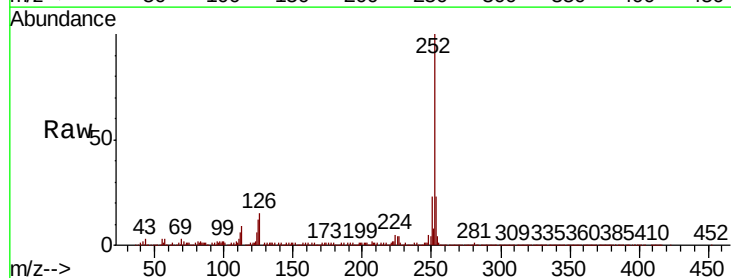
Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

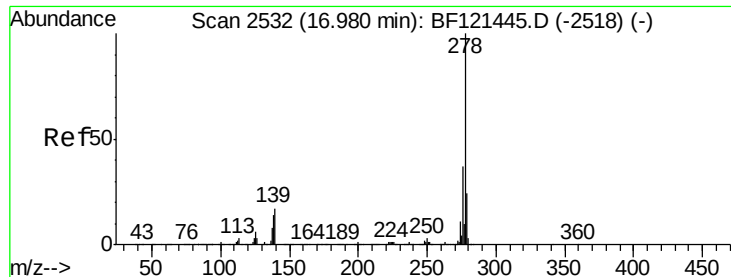
Tot Ion:252 Resp: 532741
Ion Ratio Lower Upper
252 100
253 23.4 18.3 27.5
125 10.4 8.5 12.7



#90
Benzo(a)pyrene
Concen: 15.731 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion:252 Resp: 709417
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 12.2 9.0 13.4

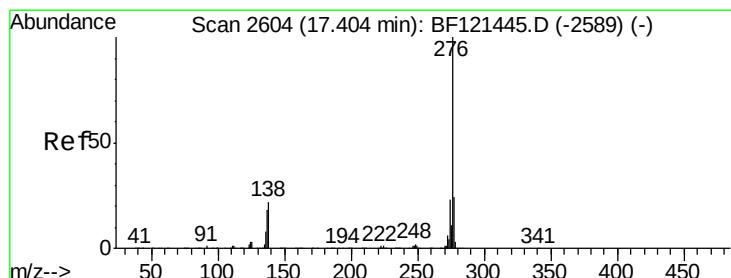
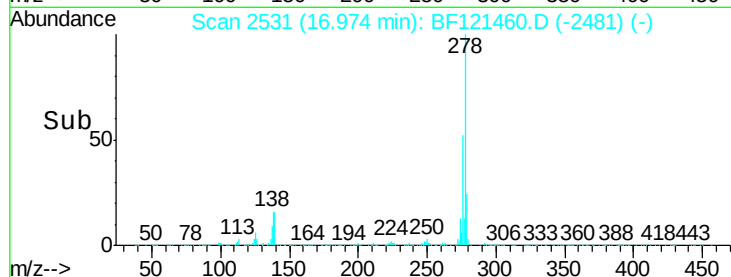
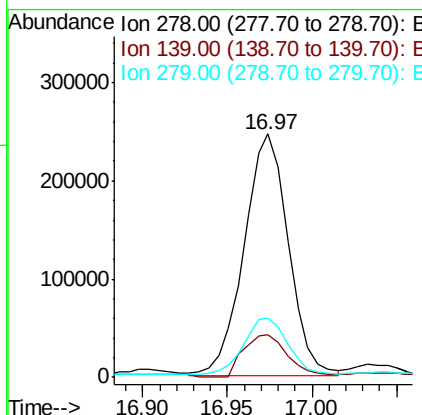
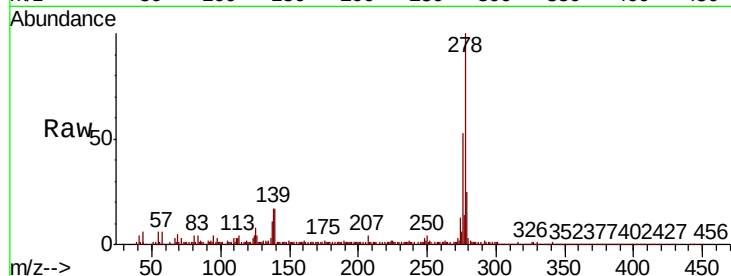




#91
Dibenzo(a,h)anthracene
Concen: 11.553 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Instrument :
BNA_F
ClientSampleId :
SU-03-082720MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.3	19.9
279	24.5	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 15.104 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.01 min
Lab File: BF121460.D
Acq: 28 Aug 2020 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.9	28.3
138	22.0	17.4	26.0

