

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120893.D
 Acq On : 16 Jul 2020 18:57
 Operator : JU/CG
 Sample : L3187-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

Quant Time: Jul 17 01:52:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	159435	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	629949	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	335079	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	661938	20.00	ng	0.00
76) Chrysene-d12	13.97	240	519670	20.00	ng	0.00
86) Perylene-d12	15.42	264	529865	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1015351	104.40	ng	0.02
7) Phenol-d6	6.45	99	1156469	92.05	ng	0.00
23) Nitrobenzene-d5	7.38	82	862543	79.23	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	425316	115.96	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1546427	68.91	ng	0.00
79) Terphenyl-d14	12.92	244	1693880	70.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	188996	42.225	ng	# 85
3) Pyridine	3.39	79	342732	28.784	ng	99
4) n-Nitrosodimethylamine	3.32	42	238967	46.934	ng	100
6) Aniline	6.48	93	234293	14.287	ng	99
8) 2-Chlorophenol	6.60	128	532356	49.688	ng	99
9) Benzaldehyde	6.36	77	73030	8.754	ng	99
10) Phenol	6.46	94	541614	39.192	ng	97
11) bis(2-Chloroethyl)ether	6.55	93	517829	48.893	ng	100
12) 1,3-Dichlorobenzene	6.76	146	526900	45.354	ng	99
13) 1,4-Dichlorobenzene	6.83	146	527993	45.705	ng	98
14) 1,2-Dichlorobenzene	6.99	146	512651	46.909	ng	99
15) Benzyl Alcohol	6.96	79	427492	48.118	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	715291	46.857	ng	99
17) 2-Methylphenol	7.07	107	414920	43.694	ng	98
18) Hexachloroethane	7.33	117	199630	47.745	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	337567	47.254	ng	99
20) 3+4-Methylphenols	7.22	107	456333	37.777	ng	90
22) Acetophenone	7.23	105	640236	45.285	ng	99
24) Nitrobenzene	7.40	77	538479	45.891	ng	97
25) Isophorone	7.64	82	1003052	46.164	ng	100
26) 2-Nitrophenol	7.72	139	282300	50.657	ng	99
27) 2,4-Dimethylphenol	7.75	122	449303	49.657	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	642614	48.451	ng	100
29) 2,4-Dichlorophenol	7.96	162	443446	47.962	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	470929	45.909	ng	99
31) Naphthalene	8.12	128	1485304	45.966	ng	100
32) Benzoic acid	7.87	122	328355	48.344	ng	99
33) 4-Chloroaniline	8.17	127	141786	9.836	ng	98
34) Hexachlorobutadiene	8.24	225	268502	44.402	ng	98
35) Caprolactam	8.54	113	71440	24.095	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	470640	49.633	ng	99
37) 2-Methylnaphthalene	8.81	142	1020921	48.659	ng	99
38) 1-Methylnaphthalene	8.91	142	970164	48.822	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	427184	43.756	ng	99

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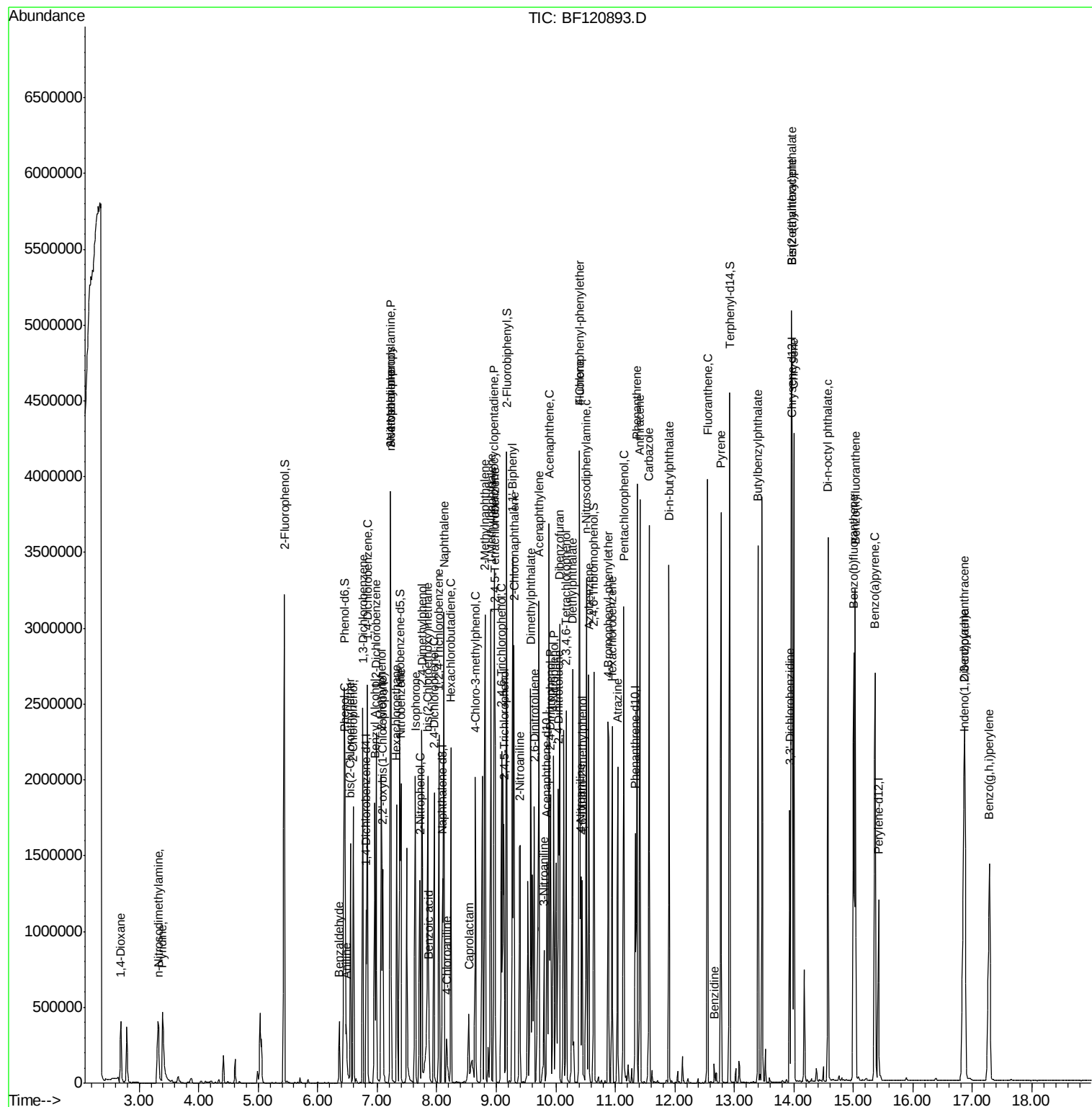
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	478066	88.602	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	336030	48.885	ng	99
44) 2,4,5-Trichlorophenol	9.13	196	359472	46.102	ng	99
46) 1,1'-Biphenyl	9.27	154	1201543	47.009	ng	100
47) 2-Chloronaphthalene	9.30	162	949767	45.576	ng	99
48) 2-Nitroaniline	9.39	65	302259	47.995	ng	99
49) Acenaphthylene	9.72	152	1524365	47.086	ng	100
50) Dimethylphthalate	9.58	163	1167558	48.298	ng	99
51) 2,6-Dinitrotoluene	9.64	165	263757	50.786	ng	92
52) Acenaphthene	9.89	154	942066	45.770	ng	99
53) 3-Nitroaniline	9.80	138	139649	21.439	ng	98
54) 2,4-Dinitrophenol	9.91	184	292292	96.258	ng	91
55) Dibenzofuran	10.06	168	1368999	45.995	ng	99
56) 4-Nitrophenol	9.97	139	424584	85.811	ng	98
57) 2,4-Dinitrotoluene	10.04	165	359486	52.709	ng	# 90
58) Fluorene	10.40	166	982937	44.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	302679	50.985	ng	99
60) Diethylphthalate	10.28	149	1178475	48.197	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	472640	39.918	ng	99
62) 4-Nitroaniline	10.42	138	267902	42.223	ng	98
63) Azobenzene	10.56	77	1103997	47.427	ng	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	195954	50.897	ng	91
66) n-Nitrosodiphenylamine	10.52	169	973077	46.730	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	337072	45.673	ng	92
68) Hexachlorobenzene	10.95	284	375713	47.062	ng	# 92
69) Atrazine	11.05	200	279506	54.199	ng	99
70) Pentachlorophenol	11.15	266	444579	97.207	ng	99
71) Phenanthrene	11.36	178	1546484	45.426	ng	99
72) Anthracene	11.42	178	1605680	46.971	ng	99
73) Carbazole	11.57	167	1514134	44.632	ng	99
74) Di-n-butylphthalate	11.90	149	1799403	45.962	ng	100
75) Fluoranthene	12.55	202	1740902	46.135	ng	98
77) Benzidine	12.67	184	52207	3.821	ng	99
78) Pyrene	12.78	202	1772582	48.246	ng	99
80) Butylbenzylphthalate	13.40	149	821282	50.144	ng	98
81) Benzo(a)anthracene	13.97	228	1377335	43.769	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	344933	29.054	ng	99
83) Chrysene	14.00	228	1576545	47.673	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	913198	45.215	ng	100
85) Di-n-octyl phthalate	14.57	149	1921815	47.828	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1608220	43.642	ng	100
88) Benzo(b)fluoranthene	15.00	252	1734008	54.140	ng	100
89) Benzo(k)fluoranthene	15.04	252	1412174	48.346	ng	99
90) Benzo(a)pyrene	15.36	252	1426853	48.829	ng	99
91) Dibenzo(a,h)anthracene	16.87	278	1352141	44.920	ng	99
92) Benzo(g,h,i)perylene	17.29	276	1280859	43.156	ng	99

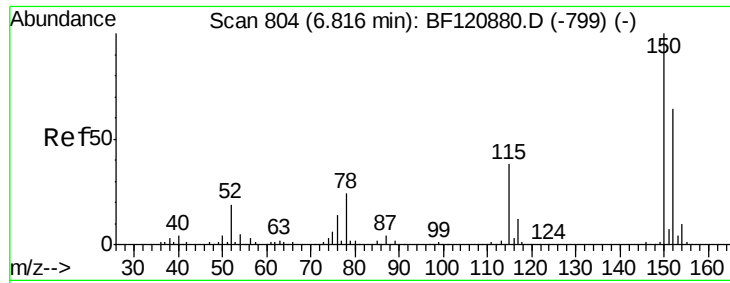
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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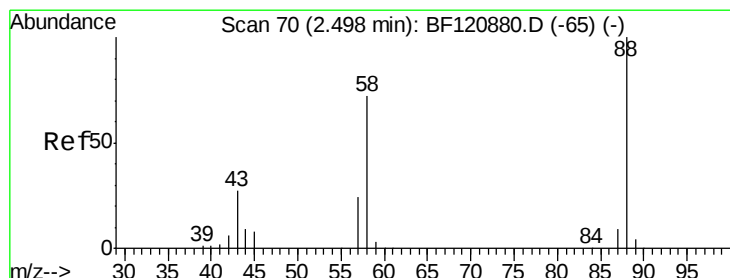
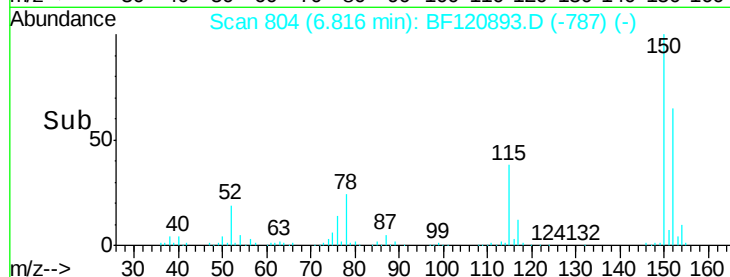
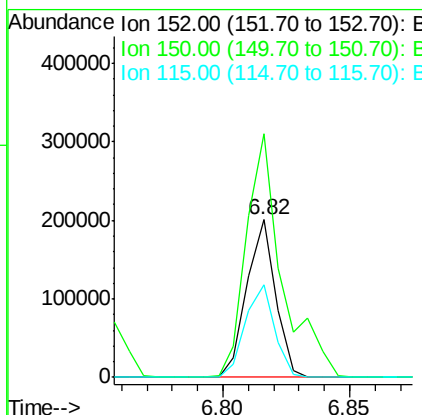
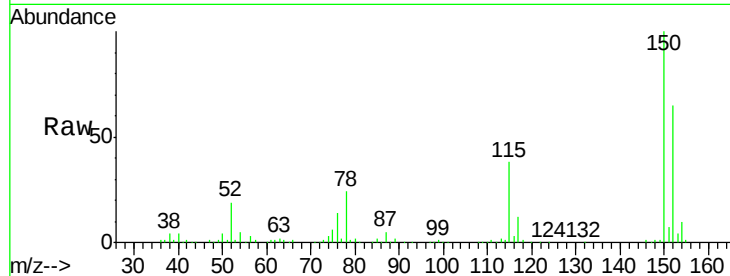




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

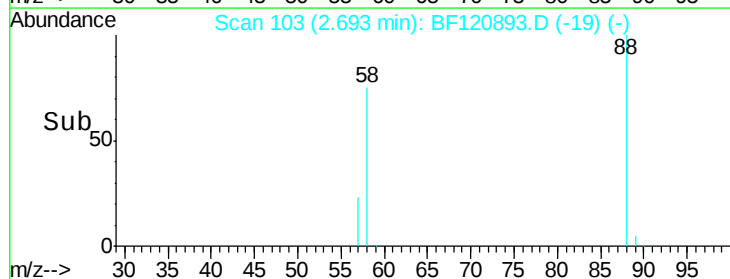
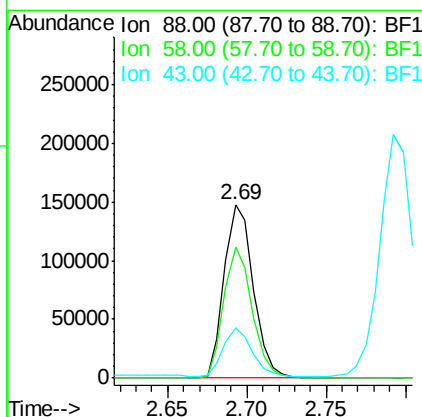
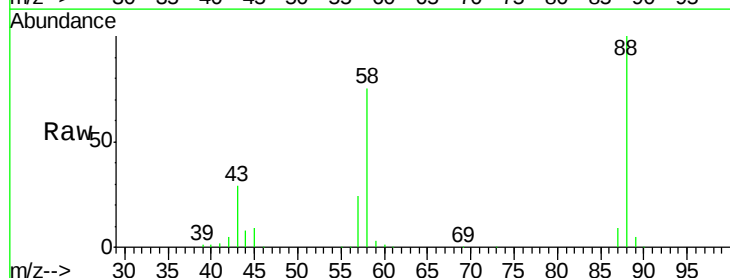
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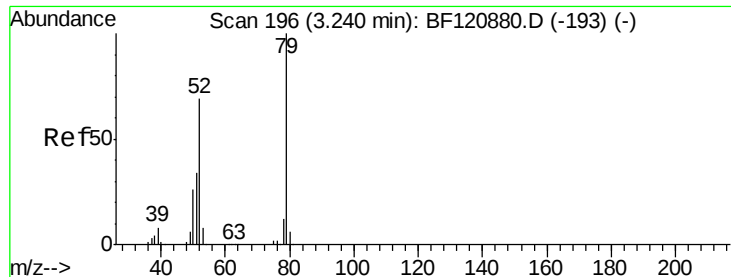
Tot Ion:152 Resp: 159435
 Ion Ratio Lower Upper
 152 100
 150 154.5 125.0 187.6
 115 58.5 47.0 70.4



#2
 1,4-Dioxane
 Concen: 42.225 ng
 RT: 2.69 min Scan# 103
 Delta R.T. 0.19 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion: 88 Resp: 188996
 Ion Ratio Lower Upper
 88 100
 58 73.2 58.2 87.2
 43 0.0 22.1 33.1#

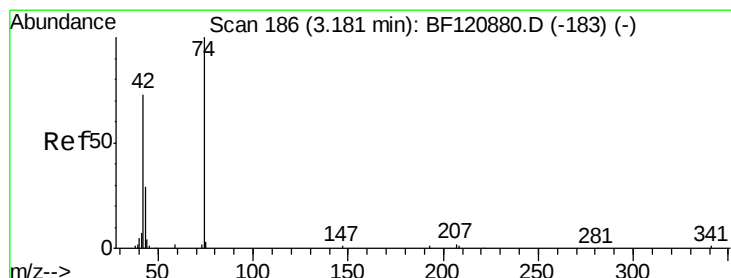
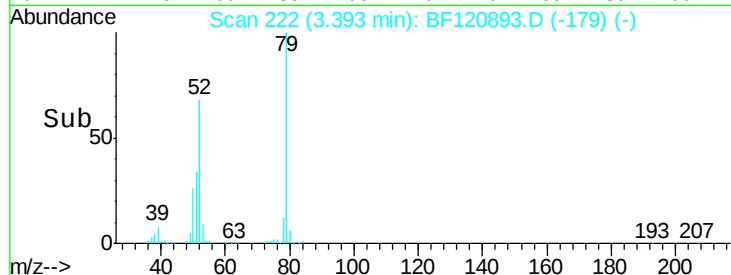
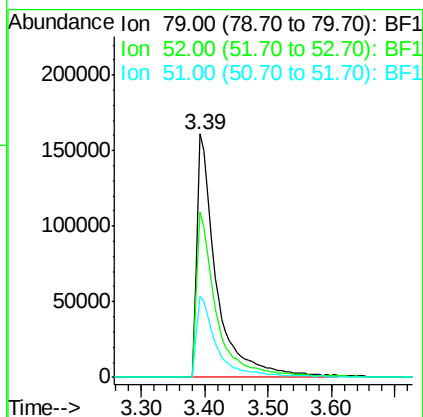
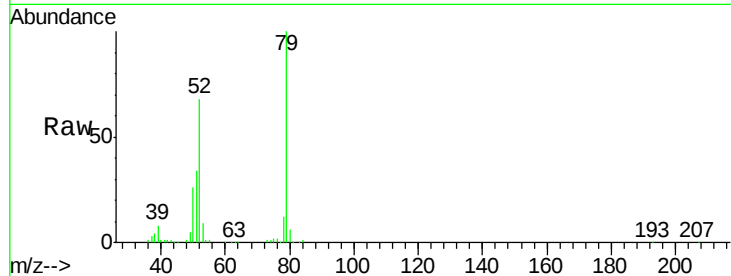




#3
 Pvridine
 Concen: 28.784 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.15 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

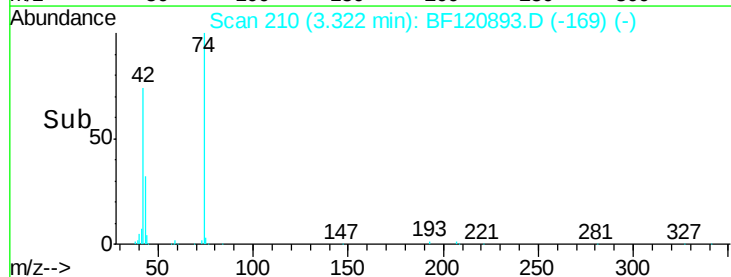
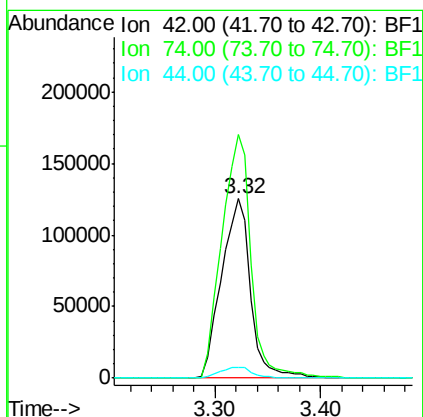
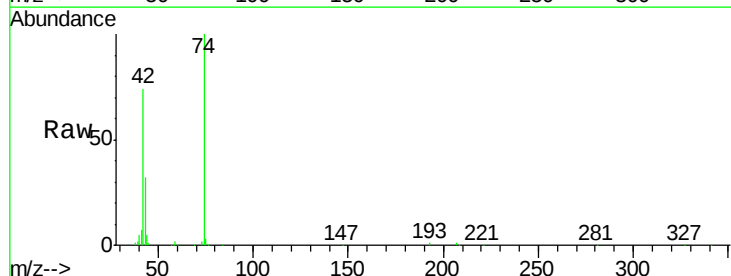
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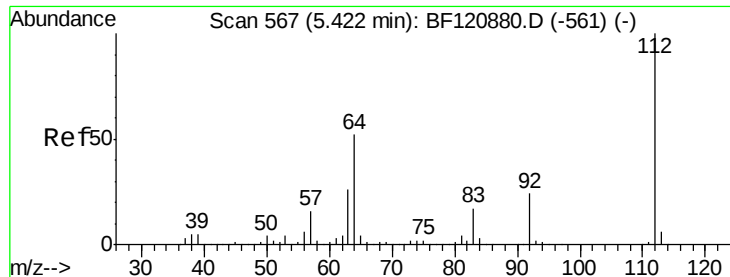
Tot Ion: 79 Resp: 342732
 Ion Ratio Lower Upper
 79 100
 52 67.9 55.0 82.6
 51 33.5 26.9 40.3



#4
 n-Nitrosodimethylamine
 Concen: 46.934 ng
 RT: 3.32 min Scan# 210
 Delta R.T. 0.14 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion: 42 Resp: 238967
 Ion Ratio Lower Upper
 42 100
 74 136.0 108.7 163.1
 44 6.2 5.2 7.8





#5

2-Fluorophenol

Concen: 104.401 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

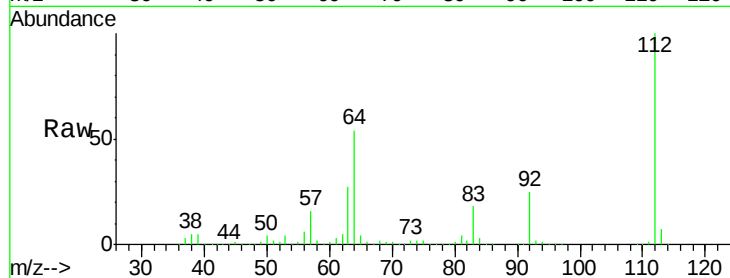
Tot Ion:112 Resp: 1015351

Ion Ratio Lower Upper

112 100

64 53.5 41.3 61.9

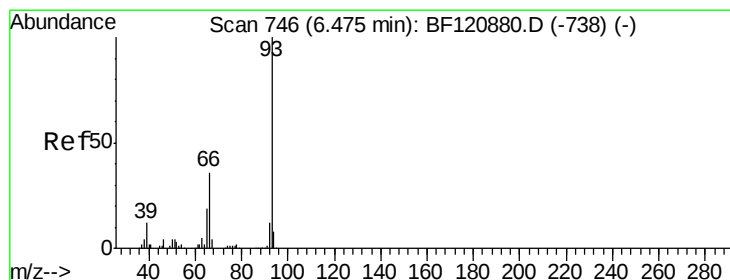
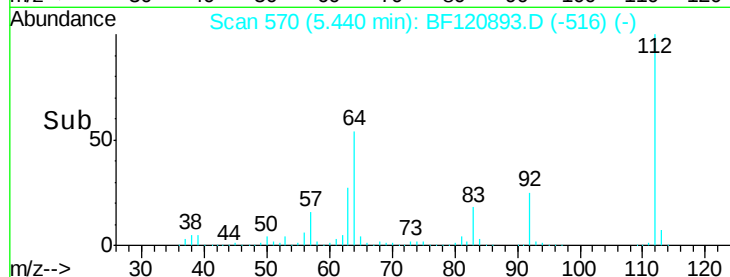
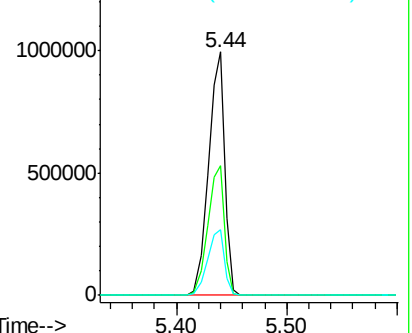
63 27.1 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 14.287 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

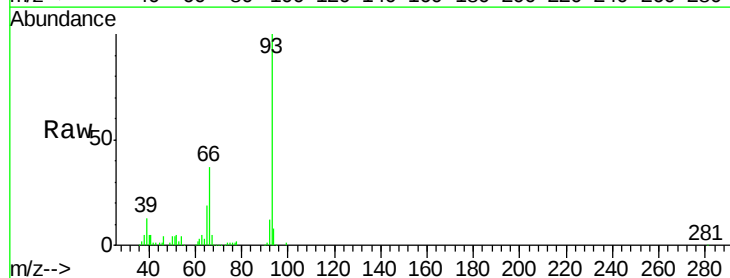
Tgt Ion: 93 Resp: 234293

Ion Ratio Lower Upper

93 100

66 37.5 30.2 45.4

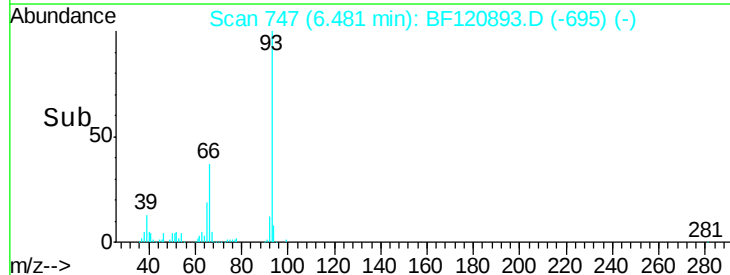
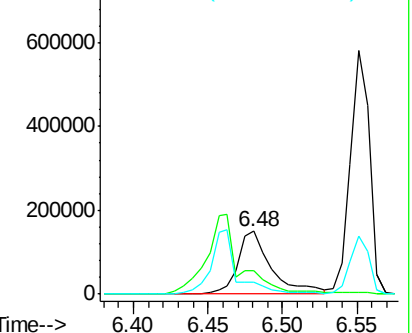
65 18.9 15.8 23.6

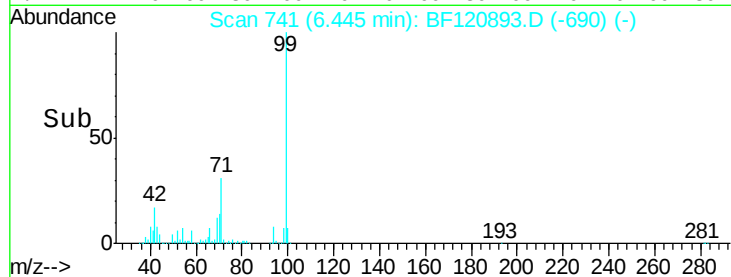
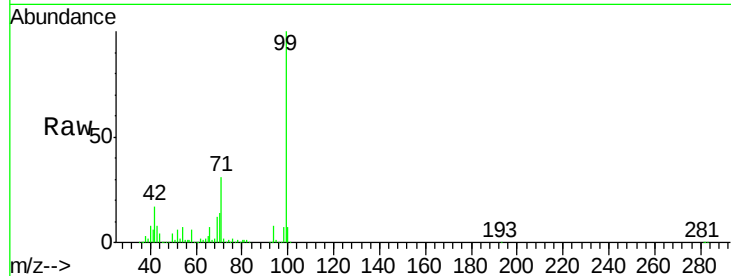


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.055 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120893.D

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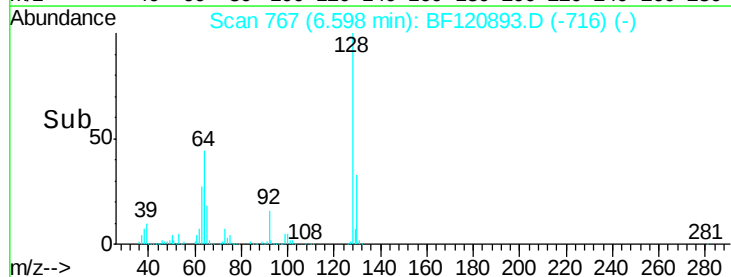
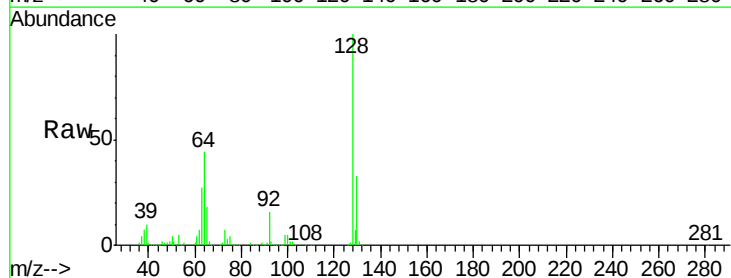
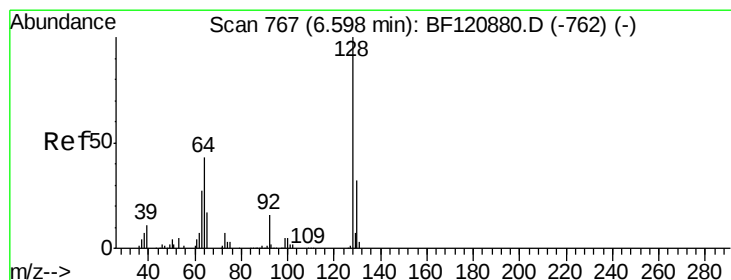
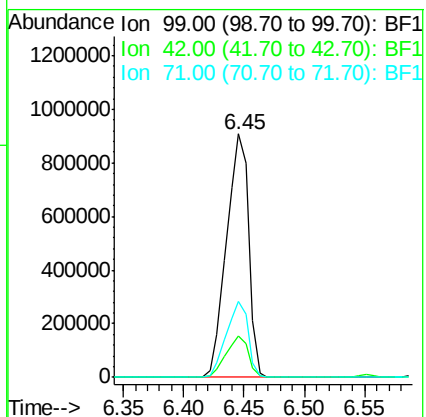
Tot Ion: 99 Resp: 1156469

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

71 31.0 24.2 36.4



#8

2-Chlorophenol

Concen: 49.688 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

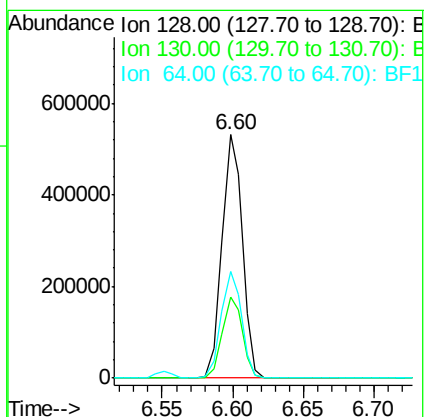
Tgt Ion: 128 Resp: 532356

Ion Ratio Lower Upper

128 100

130 33.0 12.1 52.1

64 44.0 24.0 64.0





#9

Benzaldehyde

Concen: 8.754 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120893.D

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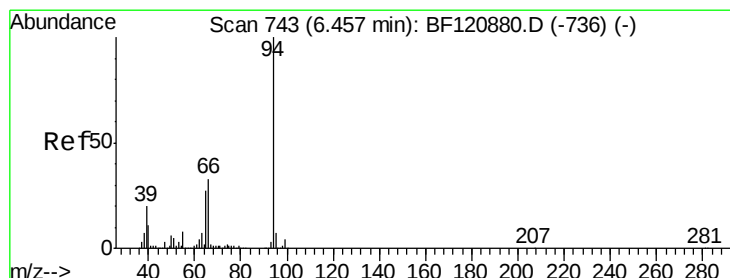
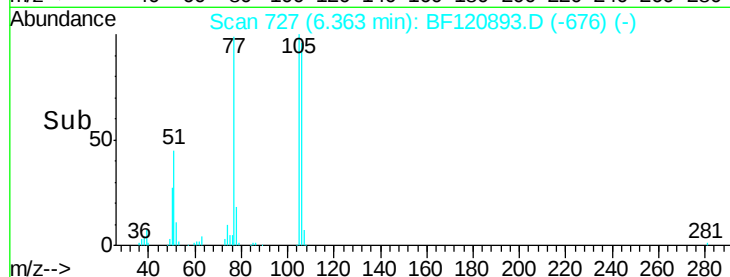
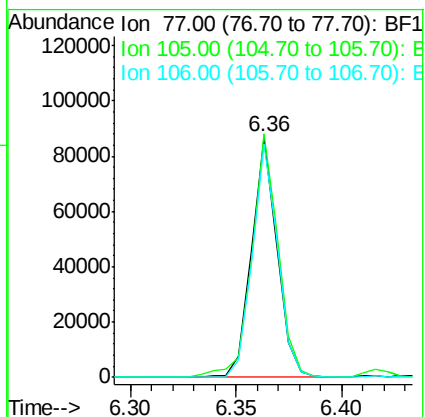
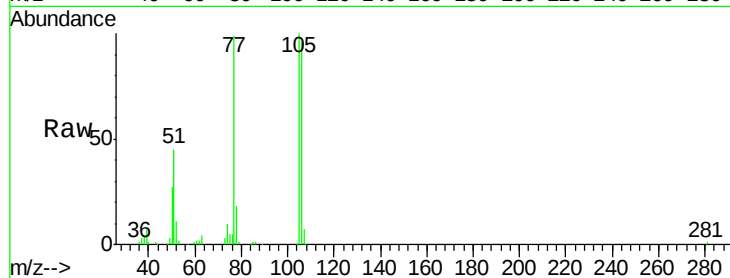
Tot Ion: 77 Resp: 73030

Ion Ratio Lower Upper

77 100

105 101.5 82.5 122.5

106 97.1 78.7 118.7



#10

Phenol

Concen: 39.192 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120893.D

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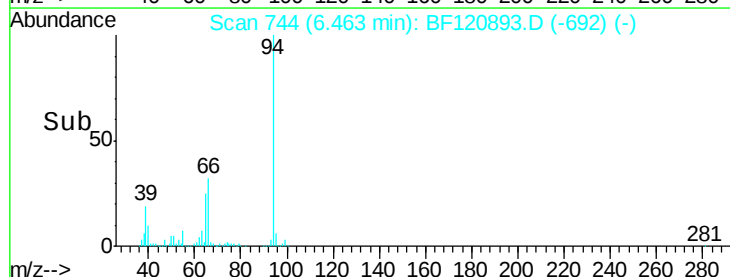
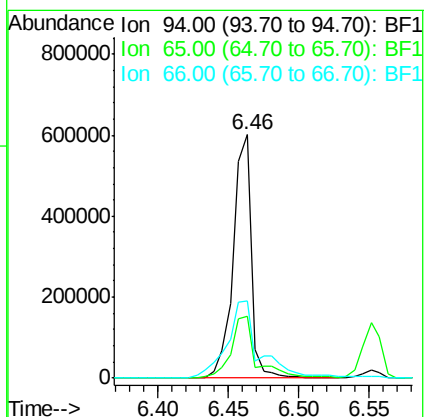
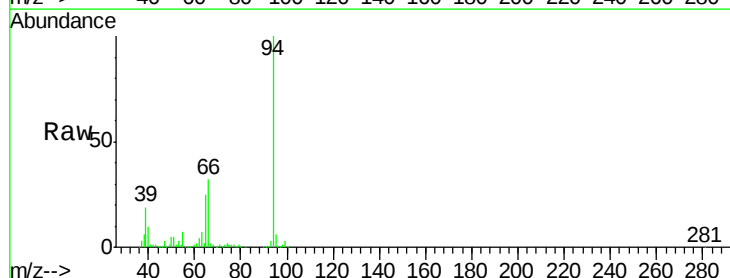
Tgt Ion: 94 Resp: 541614

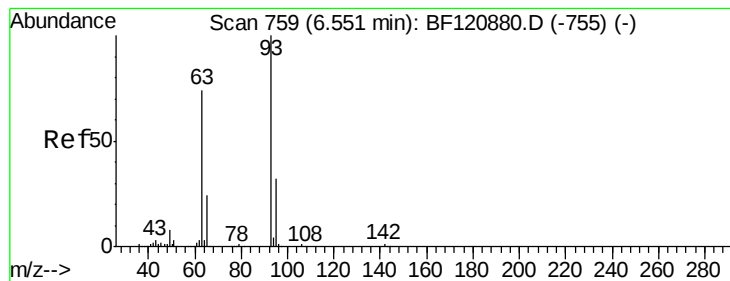
Ion Ratio Lower Upper

94 100

65 25.4 6.6 46.6

66 31.7 13.2 53.2

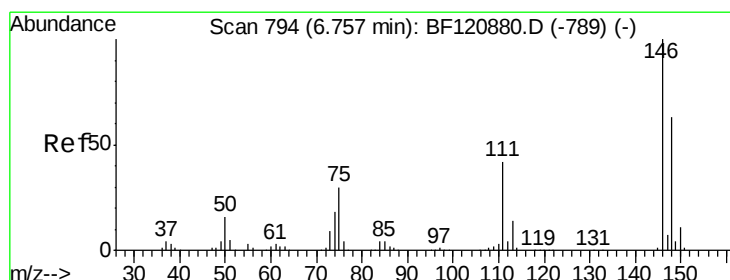
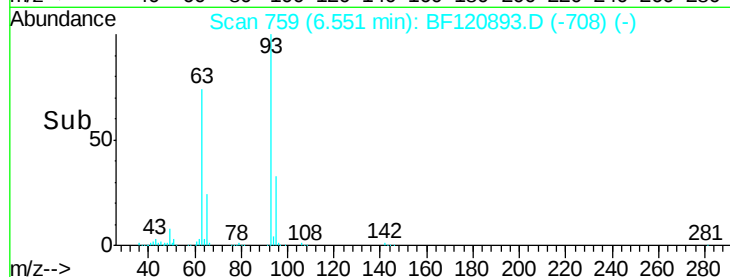
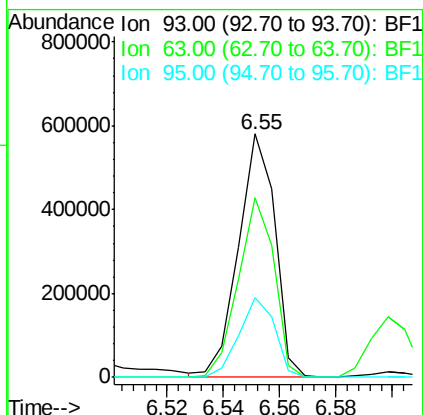
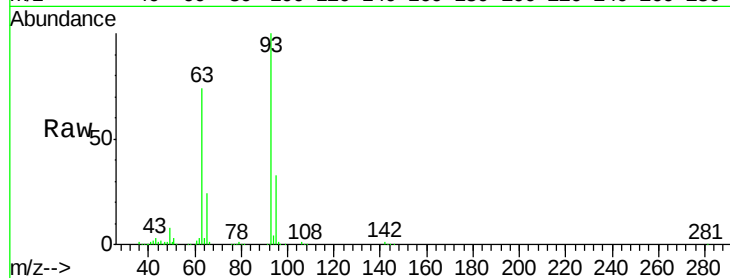




#11
 bis(2-Chloroethyl)ether
 Concen: 48.893 ng
 RT: 6.55 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

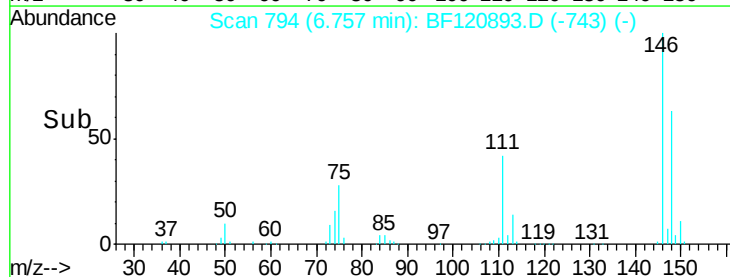
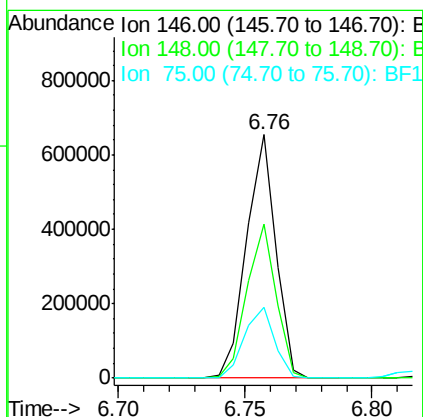
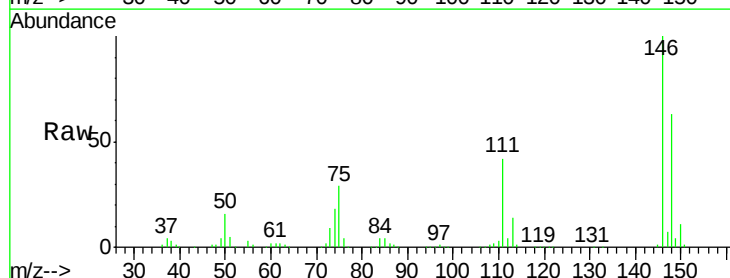
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

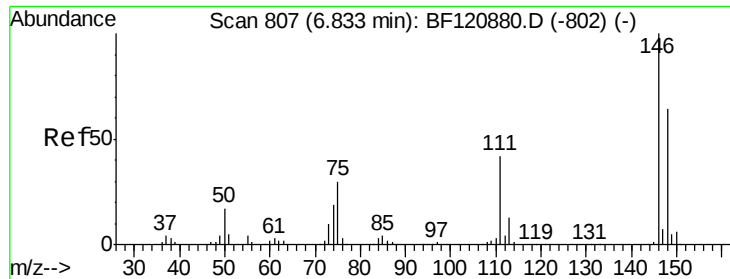
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.2	94.2
95	32.5	12.2	52.2



#12
 1,3-Dichlorobenzene
 Concen: 45.354 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
75	29.4	24.1	36.1

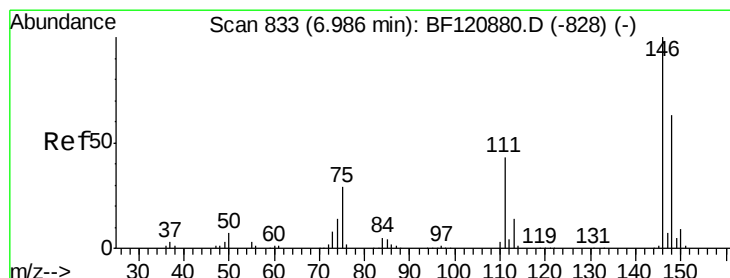
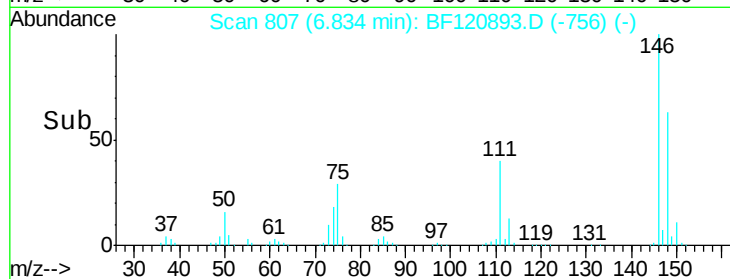
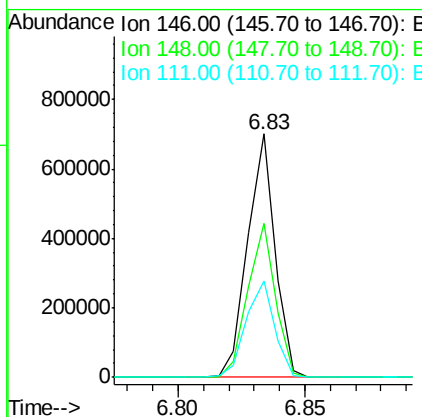
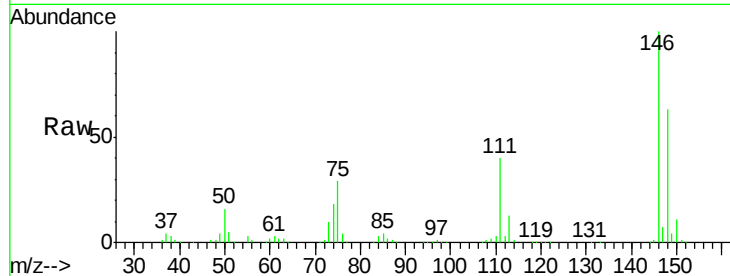




#13
 1,4-Dichlorobenzene
 Concen: 45.705 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

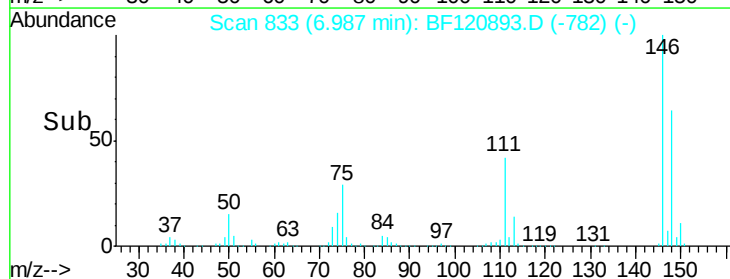
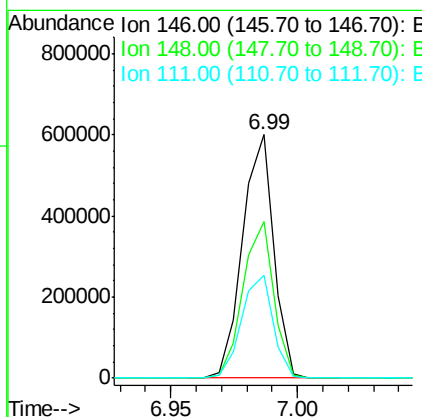
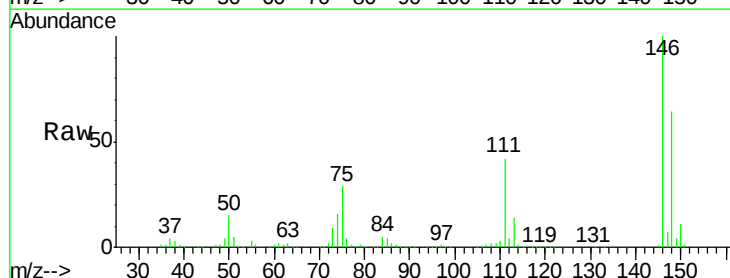
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

Tot Ion:146 Resp: 527993
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.6 77.4
 111 39.9 33.5 50.3



#14
 1,2-Dichlorobenzene
 Concen: 46.909 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:146 Resp: 512651
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.6 76.0
 111 42.1 34.2 51.2





#15

Benzyl Alcohol

Concen: 48.118 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

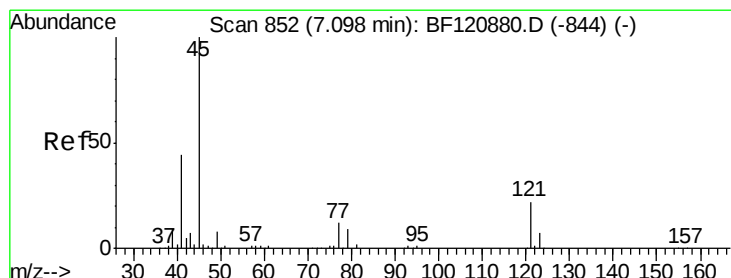
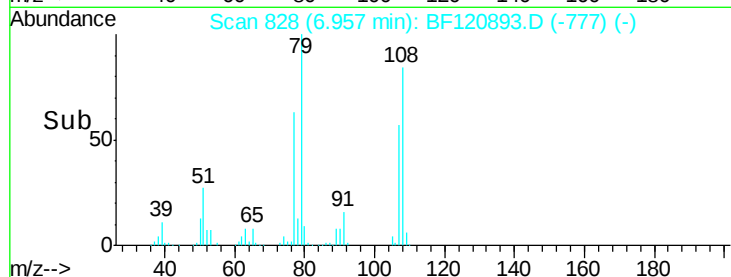
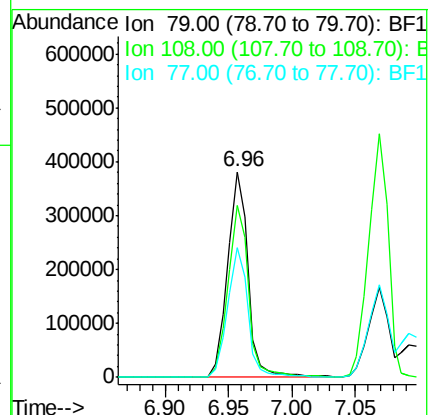
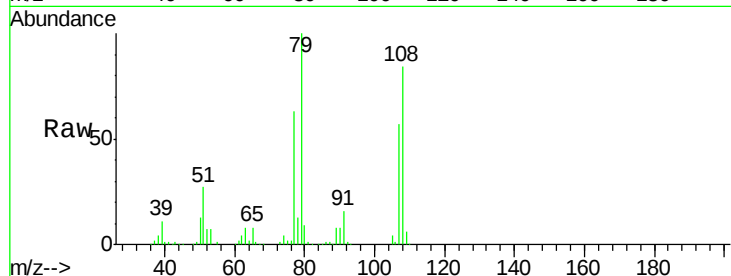
Tot Ion: 79 Resp: 427492

Ion Ratio Lower Upper

79 100

108 83.8 67.0 100.6

77 62.8 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.857 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

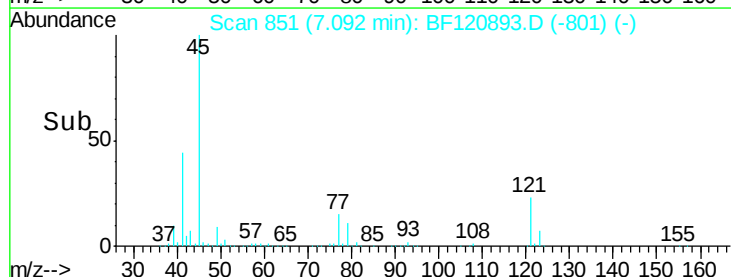
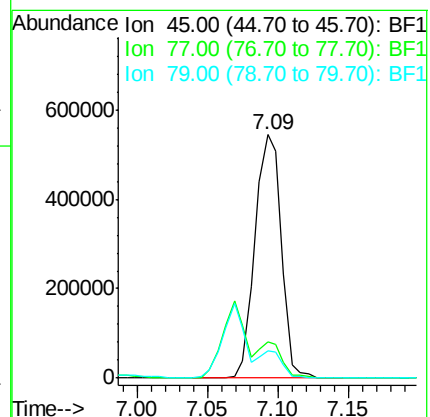
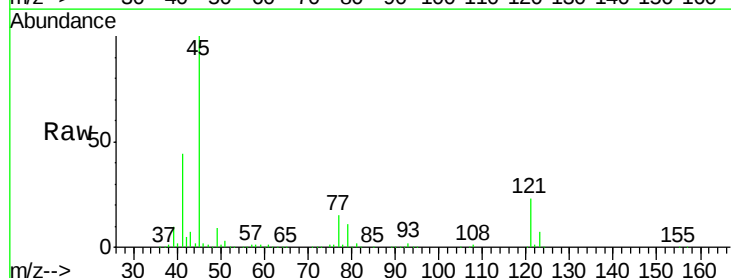
Tgt Ion: 45 Resp: 715291

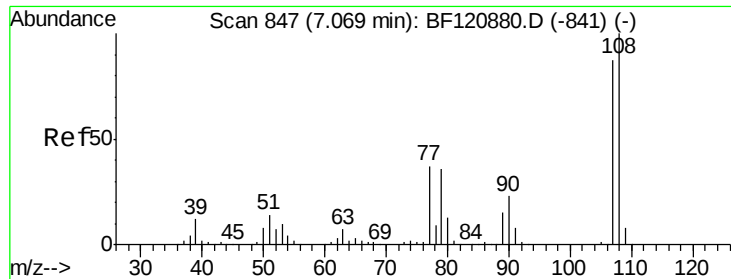
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.3

79 11.1 0.0 31.0





#17

2-Methylphenol

Concen: 43.694 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

Tot Ion:107 Resp: 414920

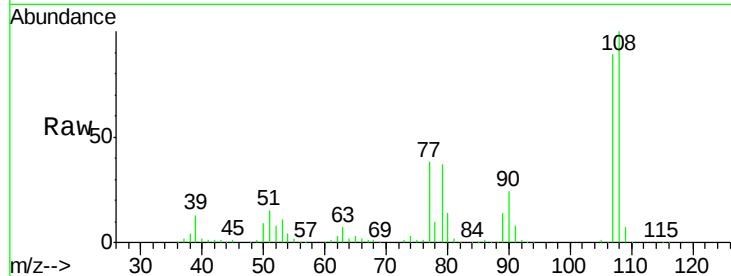
Ion Ratio Lower Upper

107 100

108 112.2 92.0 138.0

77 42.6 34.0 51.0

79 41.5 33.3 49.9

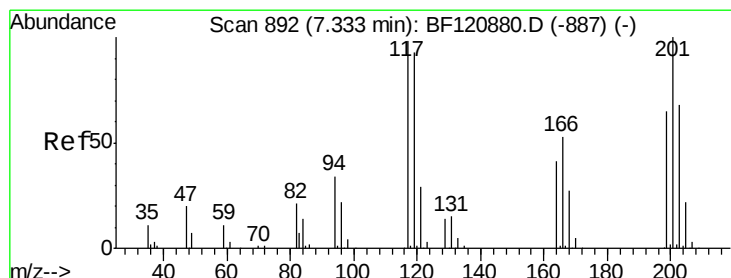
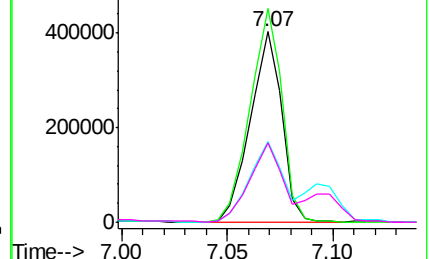
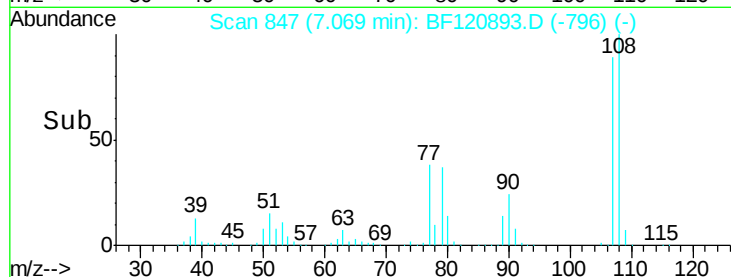


Abundance Ion 107.00 (106.70 to 107.70): E

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: 47.745 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

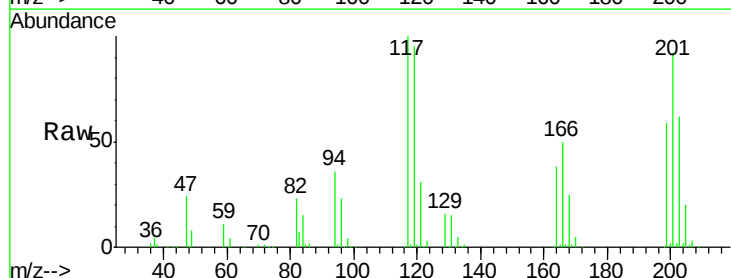
Tgt Ion:117 Resp: 199630

Ion Ratio Lower Upper

117 100

119 95.2 76.0 114.0

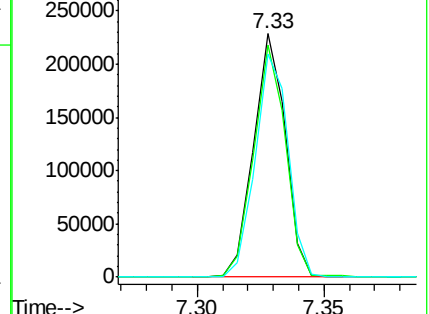
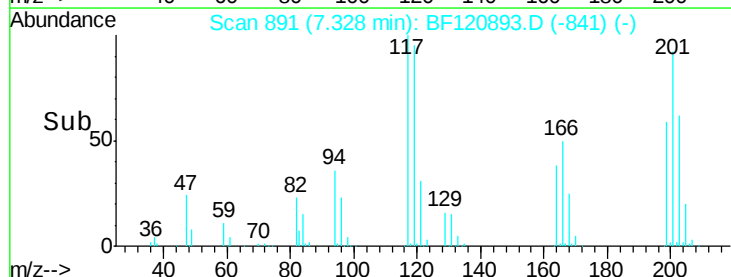
201 91.7 81.7 122.5



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

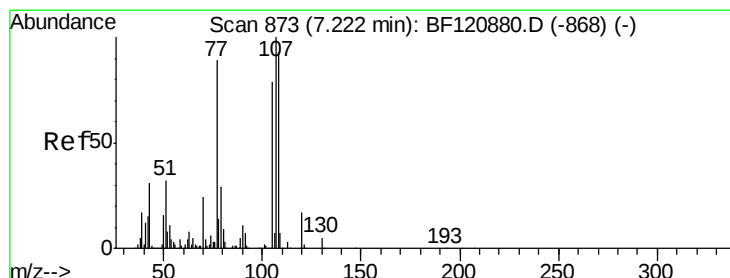
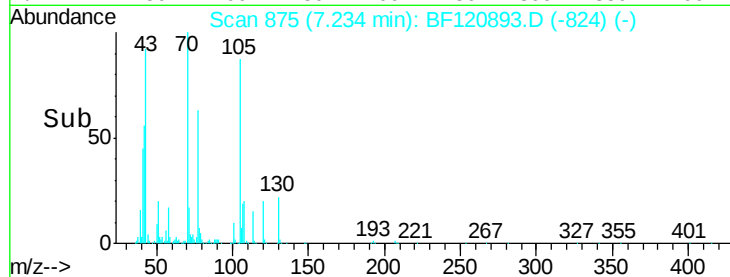
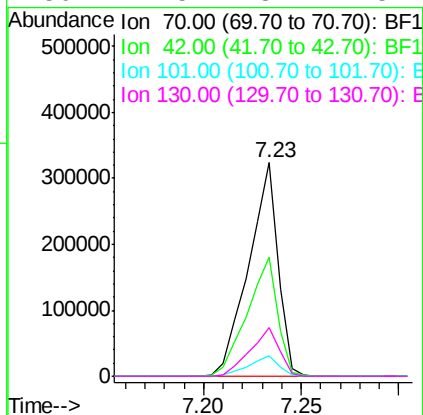
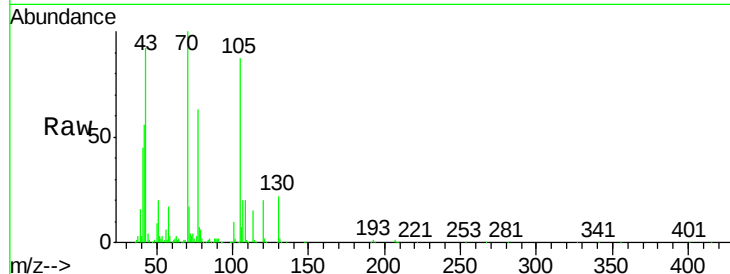




#19
n-Nitroso-di-n-propylamine
Concen: 47.254 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

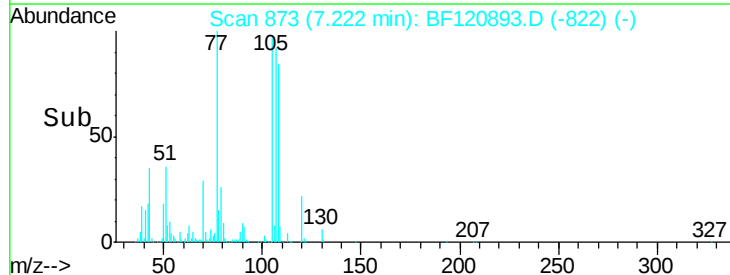
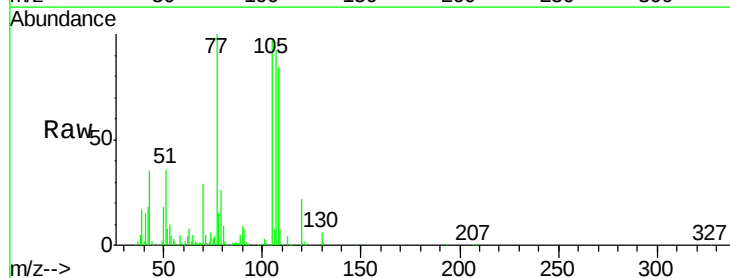
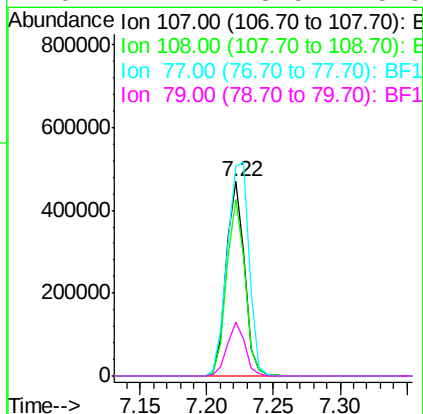
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

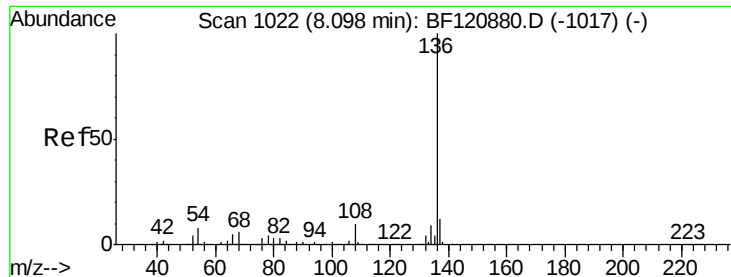
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.6	44.0	66.0
101	9.8	7.8	11.6
130	22.5	18.7	28.1



#20
3+4-Methylphenols
Concen: 37.777 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	72.8	112.8
77	108.2	68.7	108.7
79	27.7	8.5	48.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

Tot Ion:136 Resp: 629949

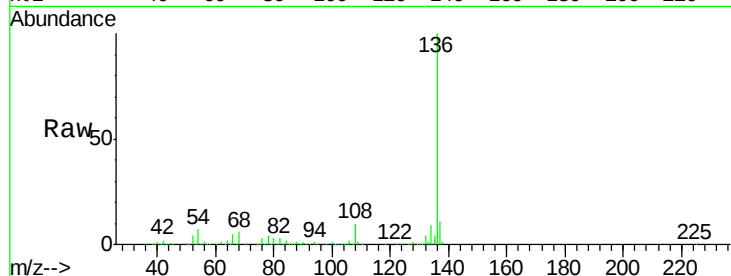
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.4 6.3 9.5

68 5.9 5.0 7.4

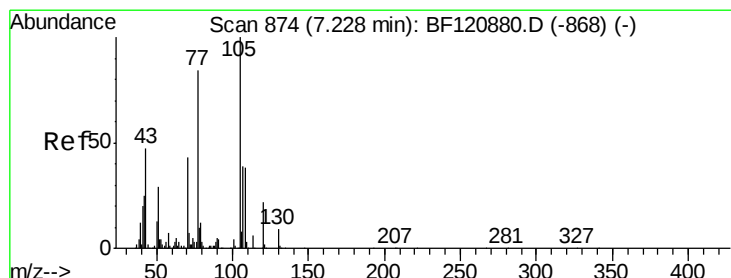
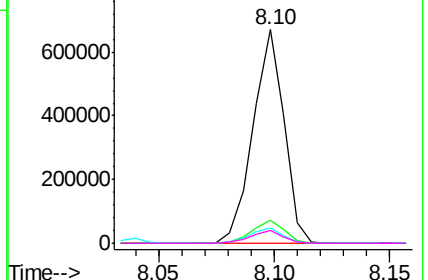
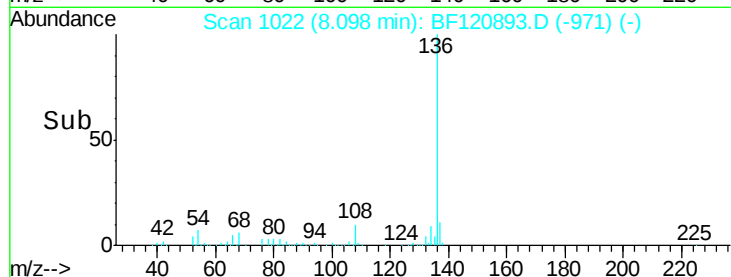


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 45.285 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Tgt Ion:105 Resp: 640236

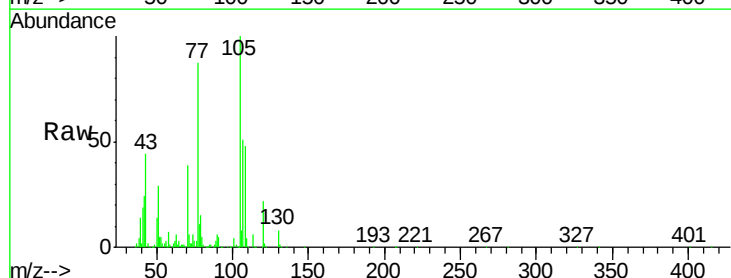
Ion Ratio Lower Upper

105 100

71 6.3 5.7 8.5

51 29.2 22.9 34.3

120 22.3 18.0 27.0

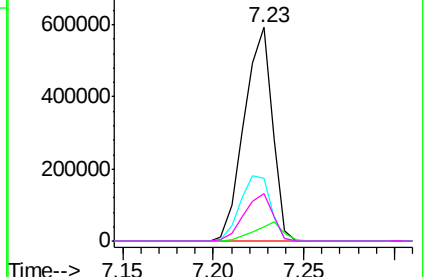
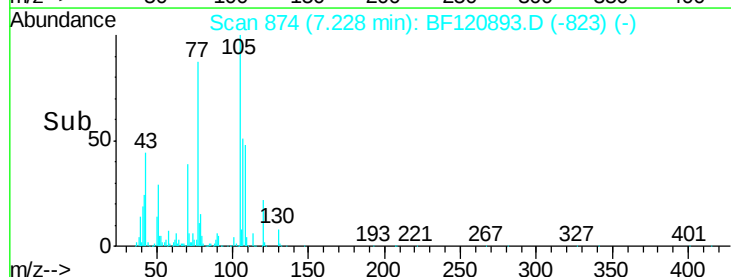


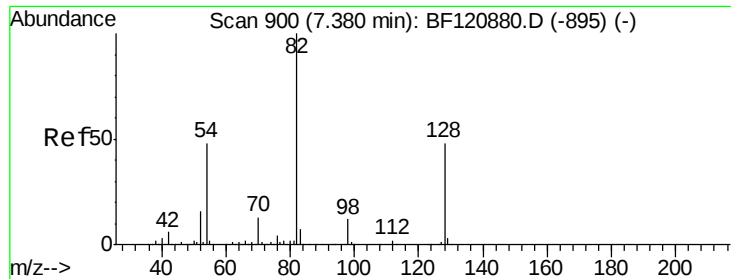
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

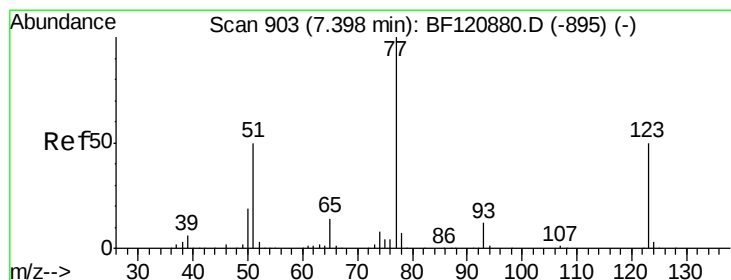
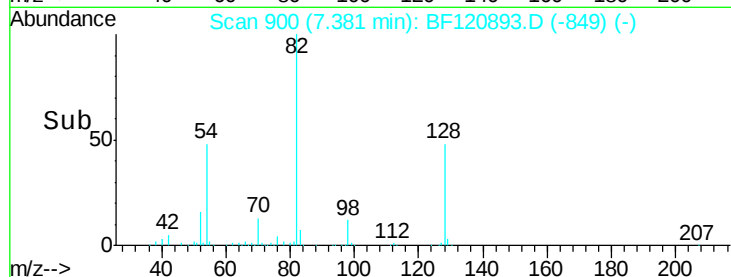
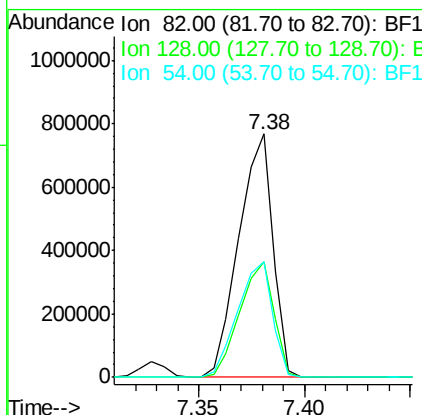
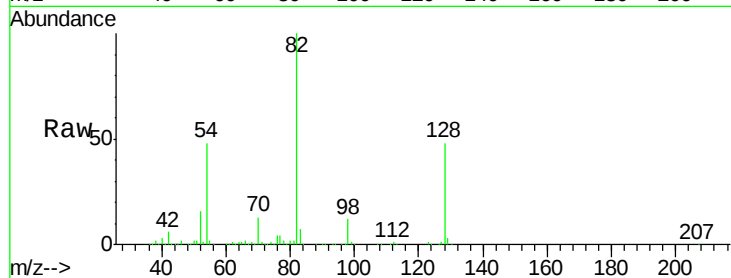




#23
 Nitrobenzene-d5
 Concen: 79.228 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

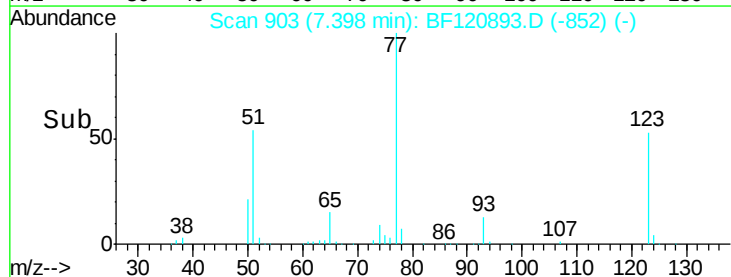
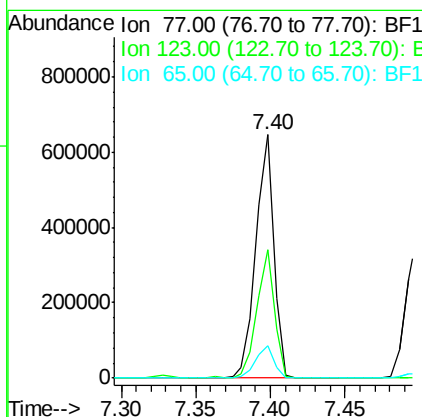
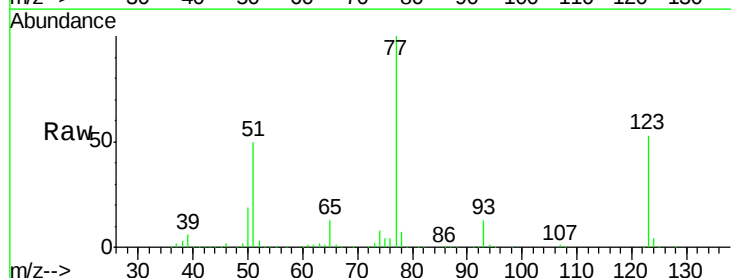
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

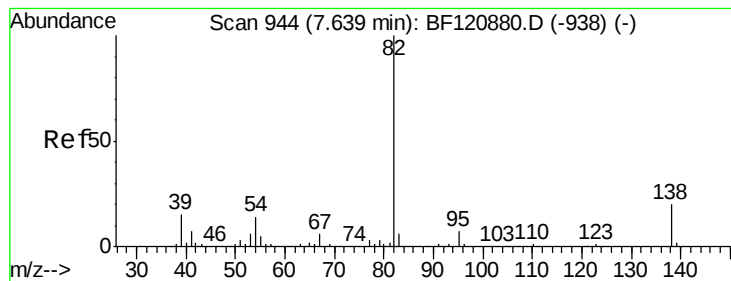
Tot Ion: 82 Resp: 862543
 Ion Ratio Lower Upper
 82 100
 128 47.6 38.2 57.4
 54 47.7 38.7 58.1



#24
 Nitrobenzene
 Concen: 45.891 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion: 77 Resp: 538479
 Ion Ratio Lower Upper
 77 100
 123 52.6 40.1 60.1
 65 13.4 10.8 16.2





#25

Isophorone

Concen: 46.164 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

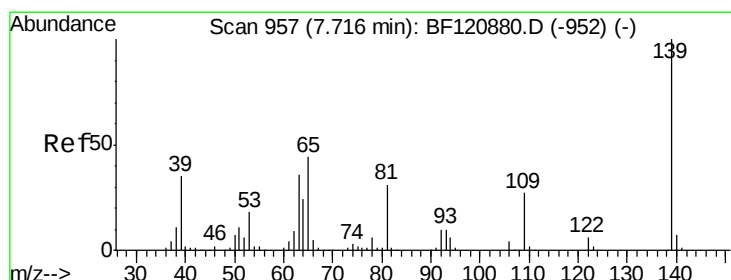
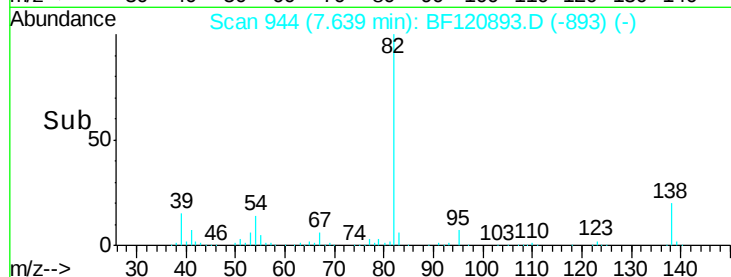
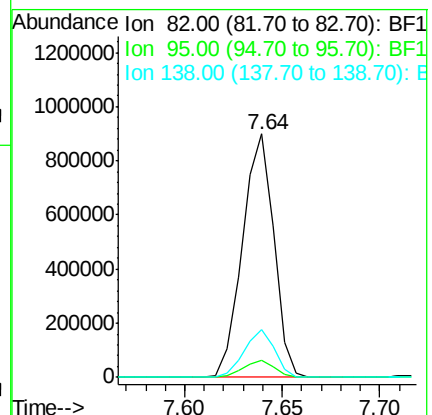
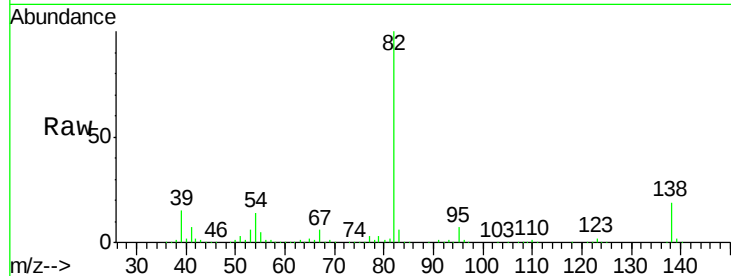
Tot Ion: 82 Resp: 1003052

Ion Ratio Lower Upper

82 100

95 7.0 5.5 8.3

138 19.4 15.6 23.4



#26

2-Nitrophenol

Concen: 50.657 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

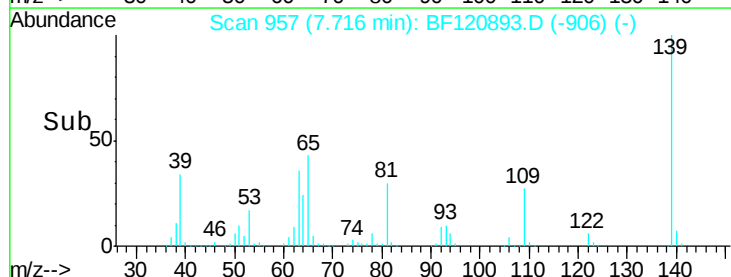
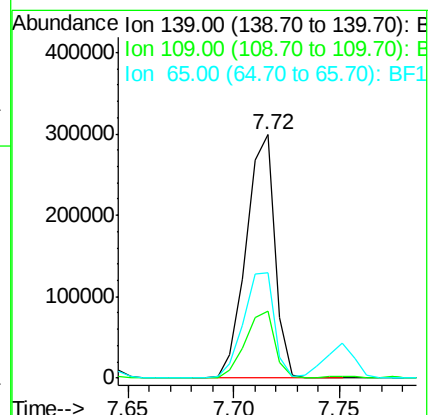
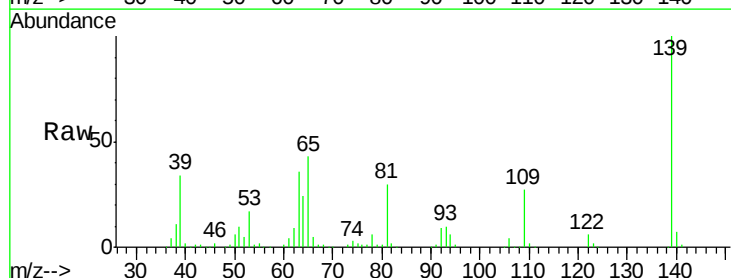
Tgt Ion: 139 Resp: 282300

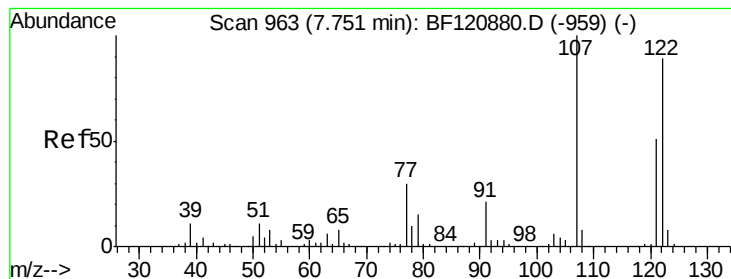
Ion Ratio Lower Upper

139 100

109 27.5 21.6 32.4

65 43.0 35.3 52.9





#27

2,4-Dimethylphenol

Concen: 49.657 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

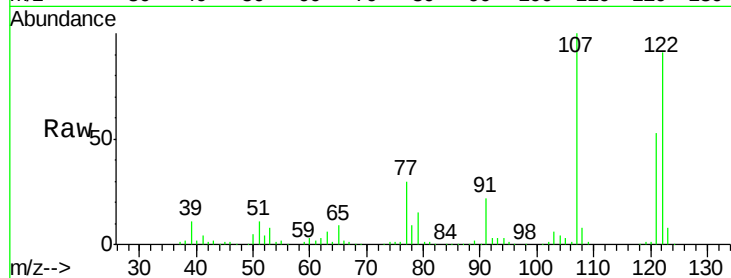
Tot Ion:122 Resp: 449303

Ion Ratio Lower Upper

122 100

107 109.8 89.4 134.0

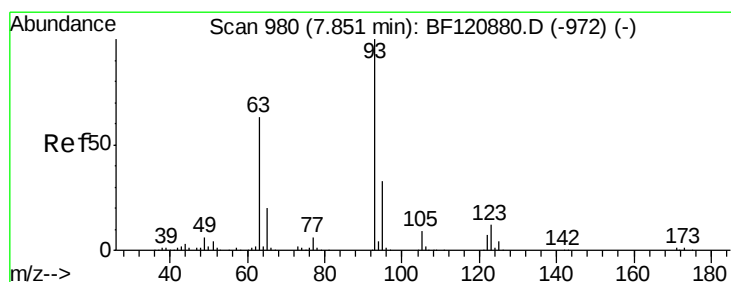
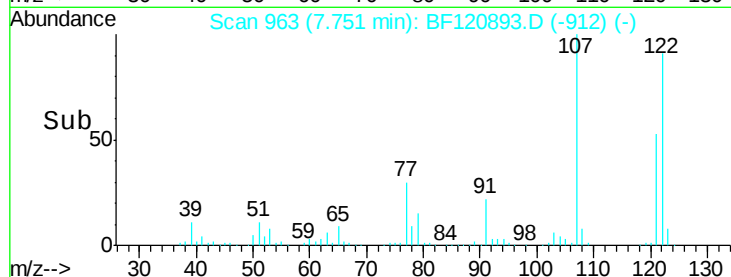
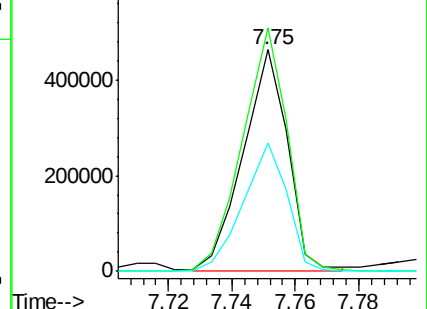
121 57.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 48.451 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

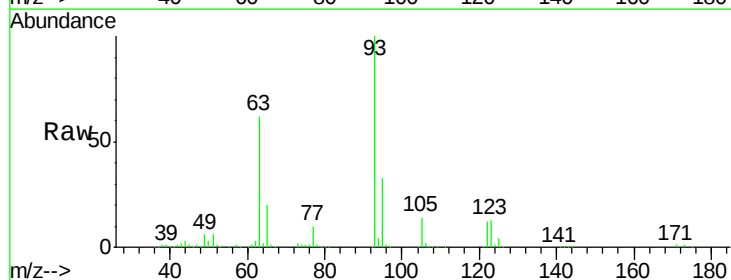
Tgt Ion: 93 Resp: 642614

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

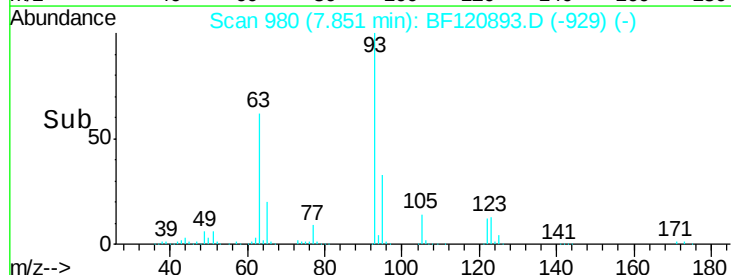
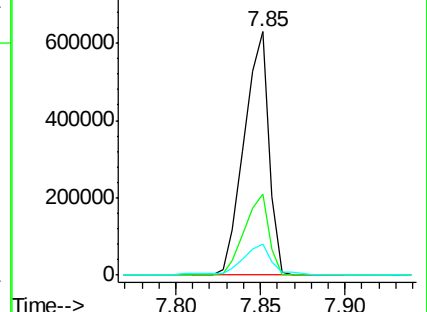
123 12.7 10.0 15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

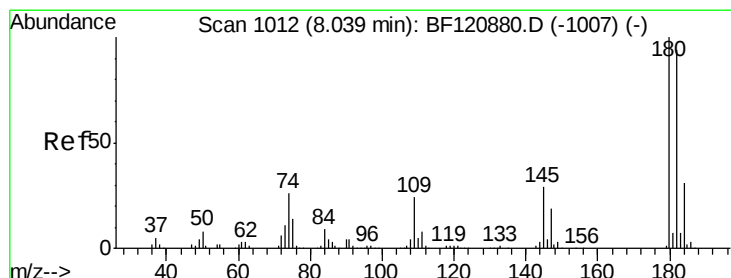
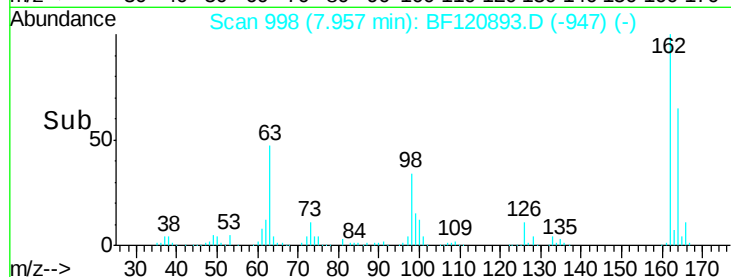
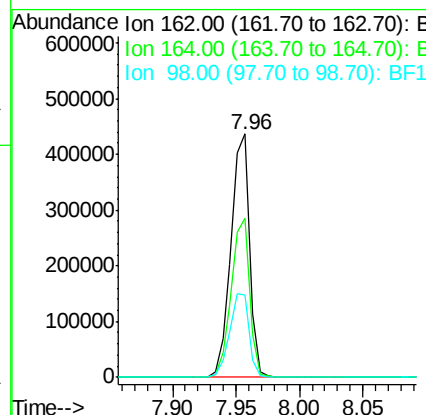
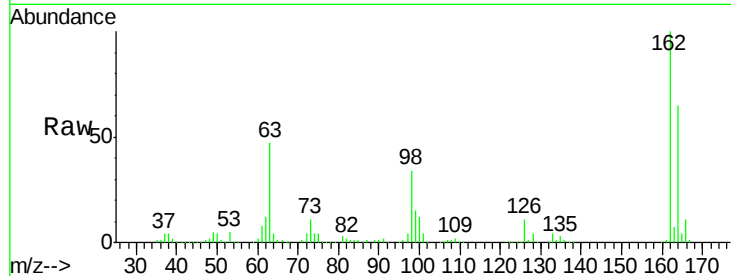




#29
2,4-Dichlorophenol
Concen: 47.962 ng
RT: 7.96 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

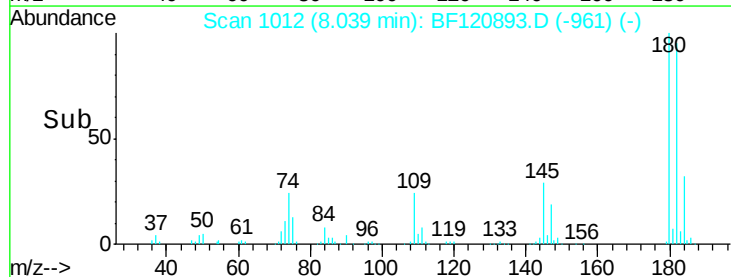
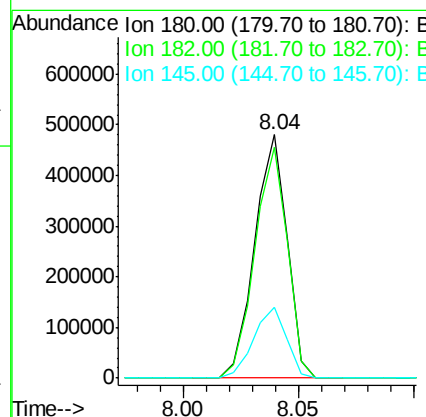
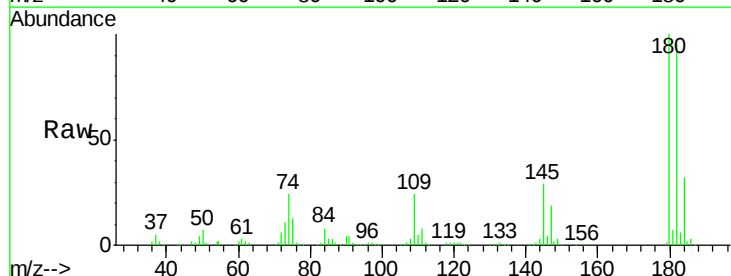
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

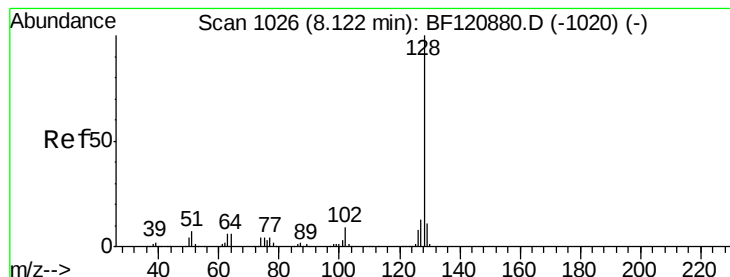
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	45.3	85.3
98	34.0	13.3	53.3



#30
1,2,4-Trichlorobenzene
Concen: 45.909 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
145	29.3	23.5	35.3





#31

Naphthalene

Concen: 45.966 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

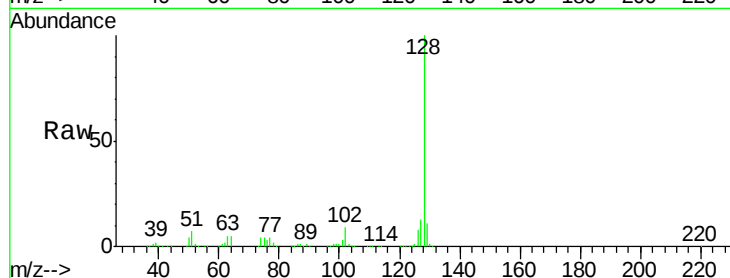
Tot Ion:128 Resp: 1485304

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

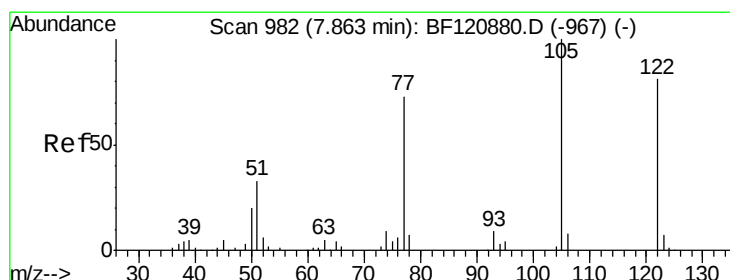
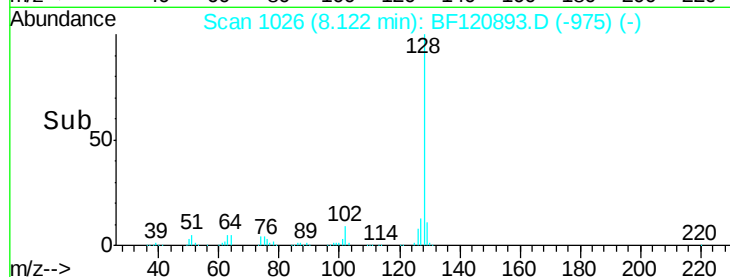
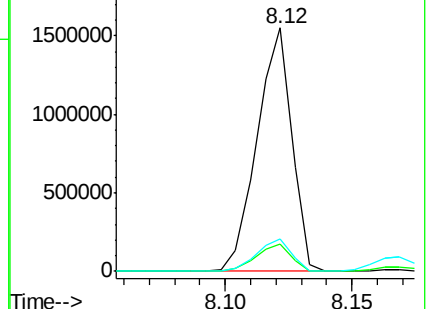
127 13.5 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.344 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

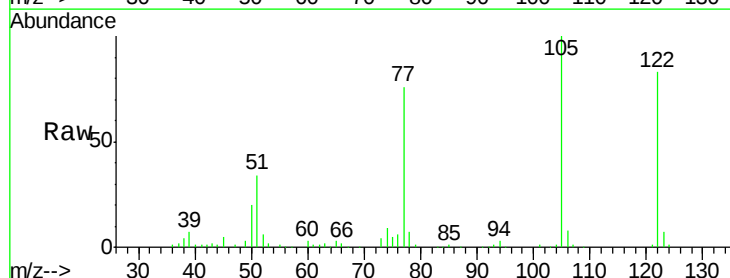
Tgt Ion:122 Resp: 328355

Ion Ratio Lower Upper

122 100

105 120.5 101.3 141.3

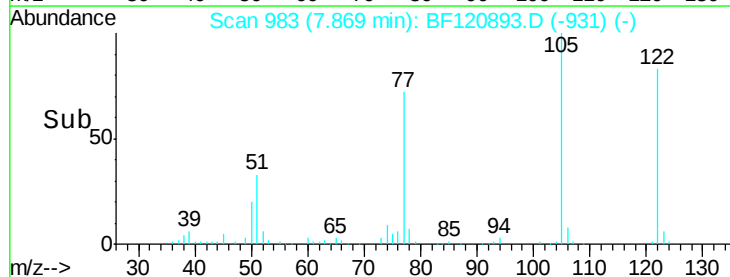
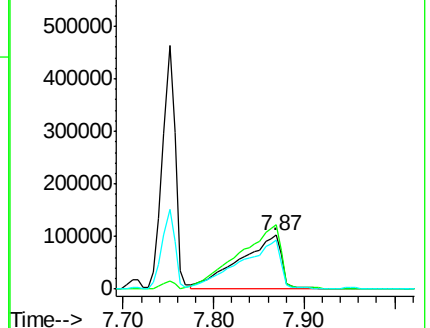
77 91.0 69.1 109.1

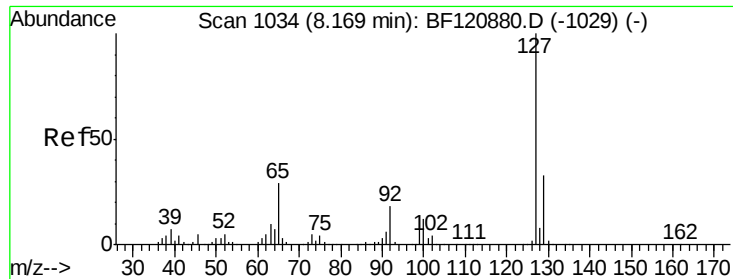


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

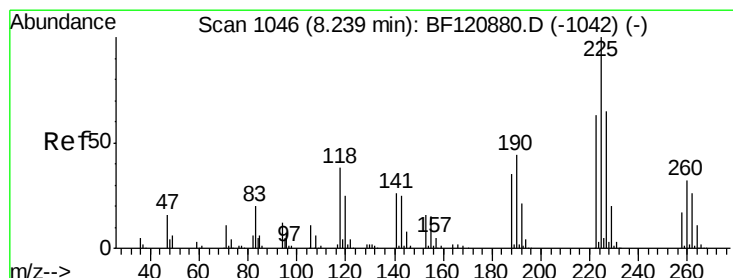
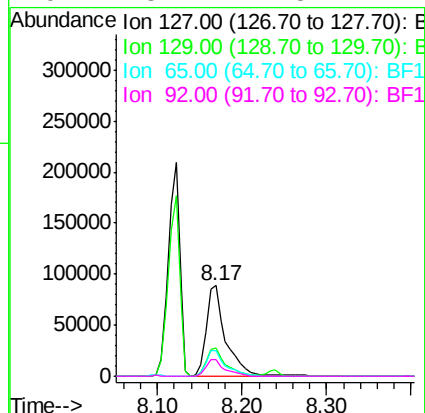
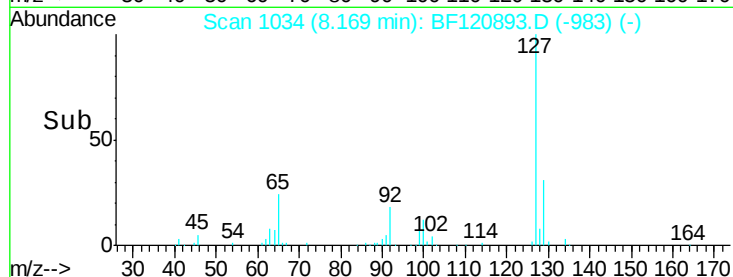
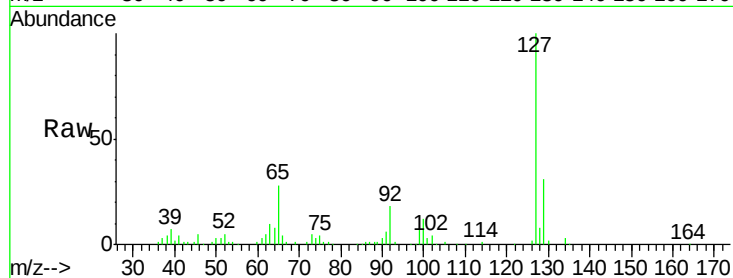




#33
4-Chloroaniline
Concen: 9.836 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

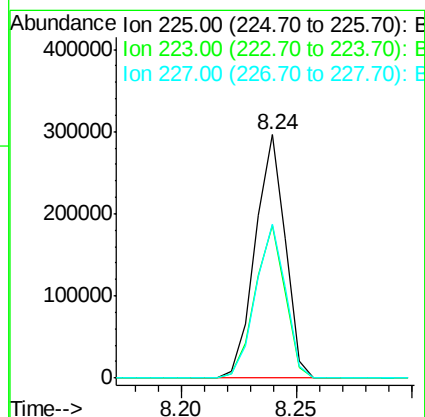
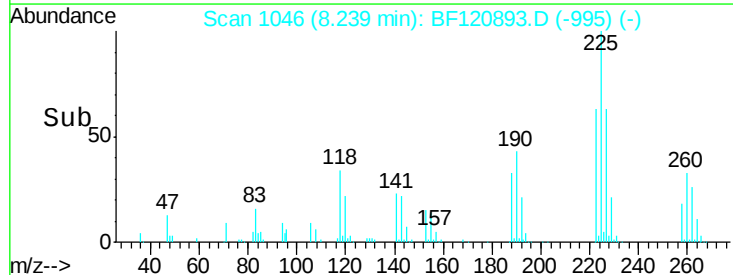
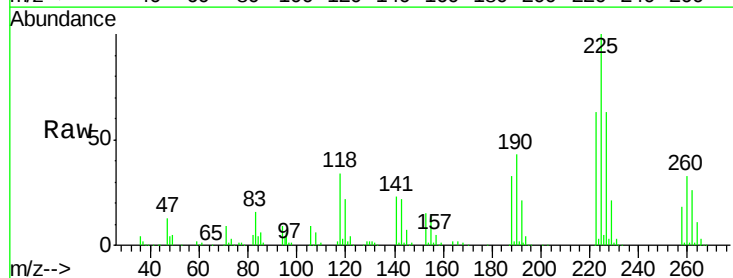
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

Tot Ion:	127	Resp:	141786
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.5	39.7
65	28.3	23.0	34.4
92	18.2	14.5	21.7



#34
Hexachlorobutadiene
Concen: 44.402 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:	225	Resp:	268502
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.0	52.2	78.2

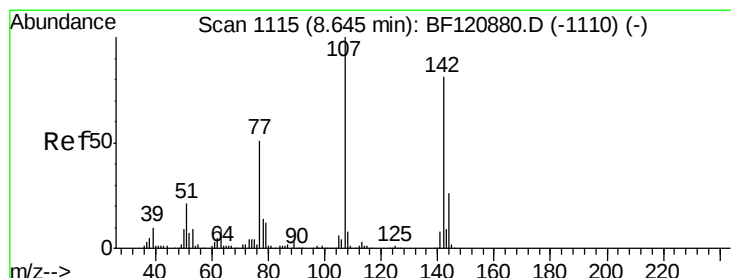
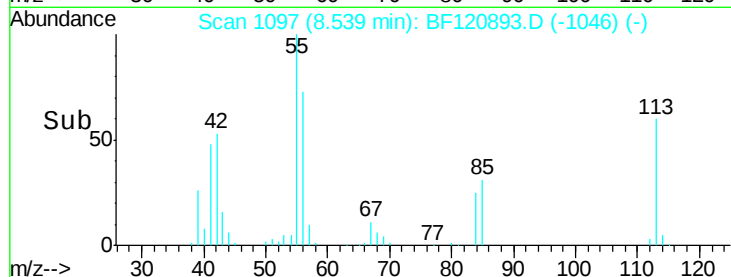
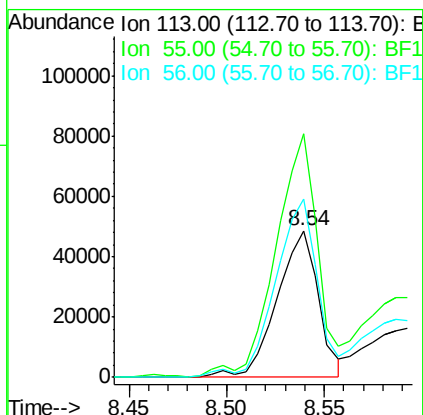
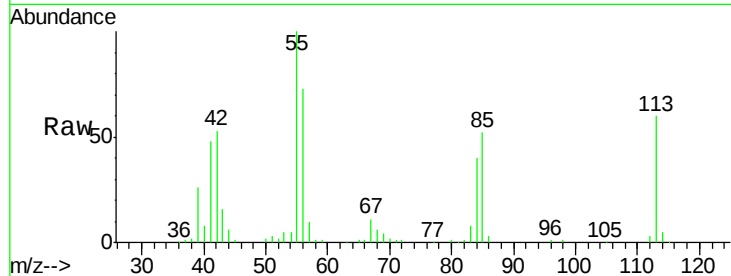




#35
 Caprolactam
 Concen: 24.095 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

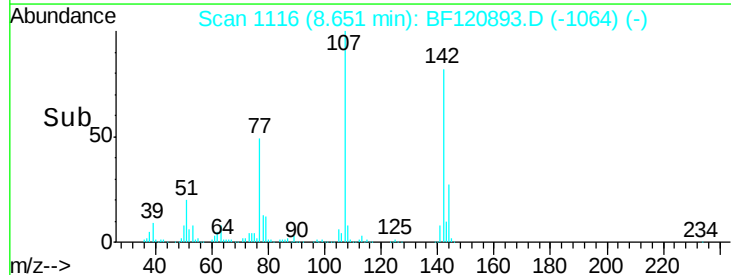
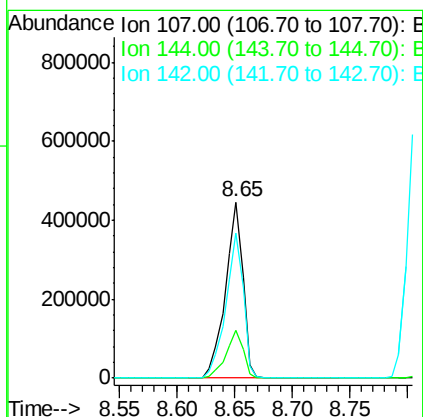
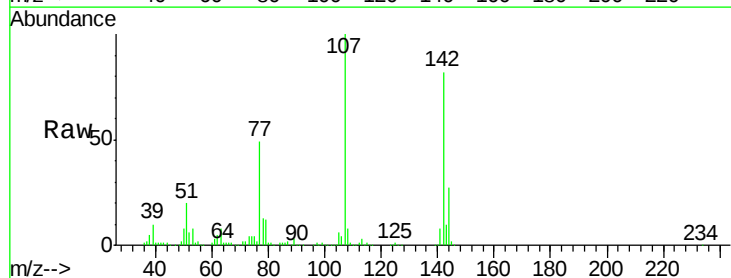
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

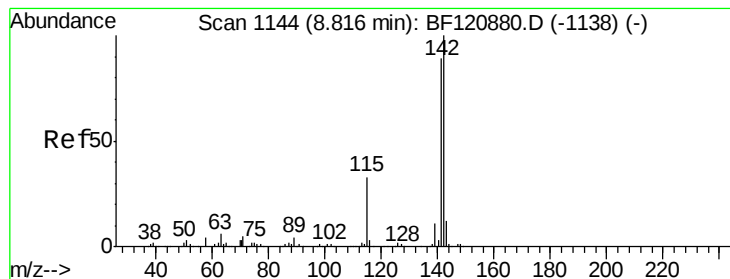
Tot Ion:113 Resp: 71440
 Ion Ratio Lower Upper
 113 100
 55 165.8 143.3 183.3
 56 121.1 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 49.633 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:107 Resp: 470640
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.6
 142 82.0 65.0 97.6





#37

2-Methylnaphthalene

Concen: 48.659 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

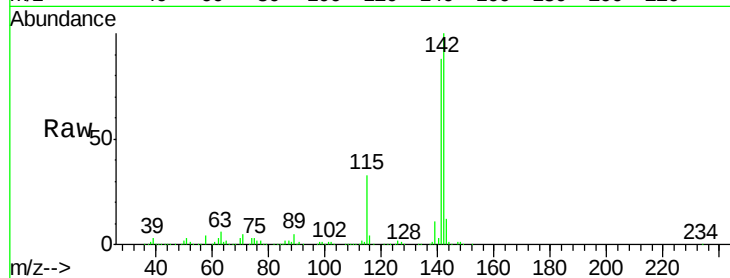
Tot Ion:142 Resp: 1020921

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.4

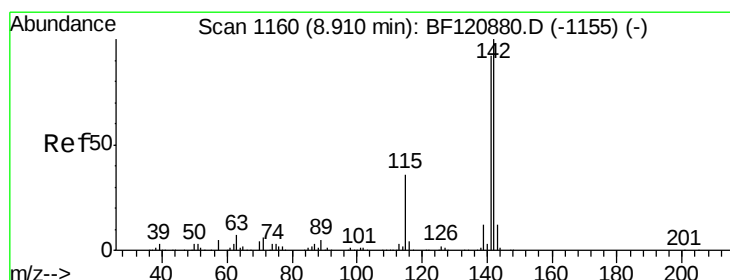
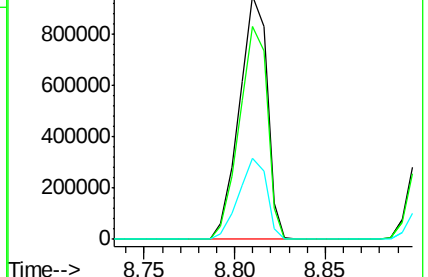
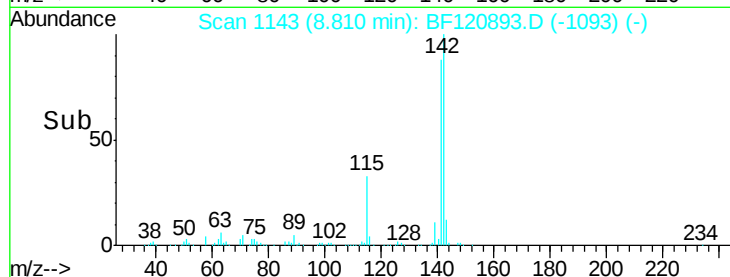
115 33.5 26.0 39.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 48.822 ng

RT: 8.91 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

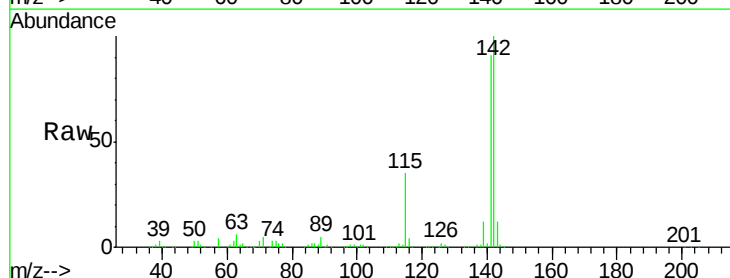
Tgt Ion:142 Resp: 970164

Ion Ratio Lower Upper

142 100

141 91.5 73.7 110.5

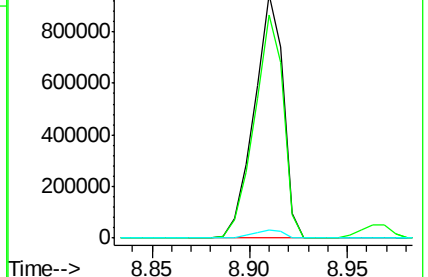
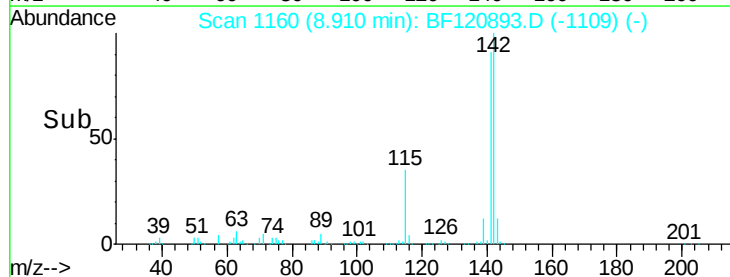
116 3.5 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

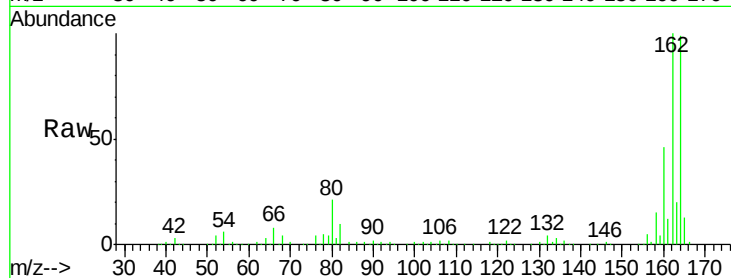
Tot Ion:164 Resp: 335079

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

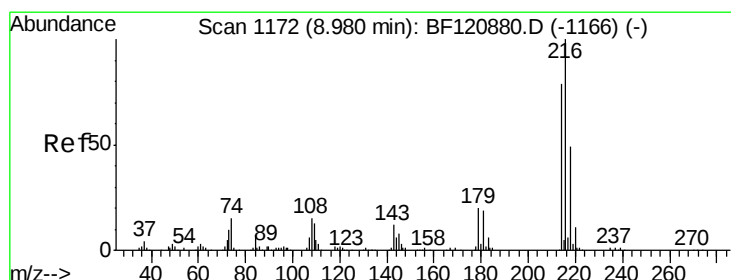
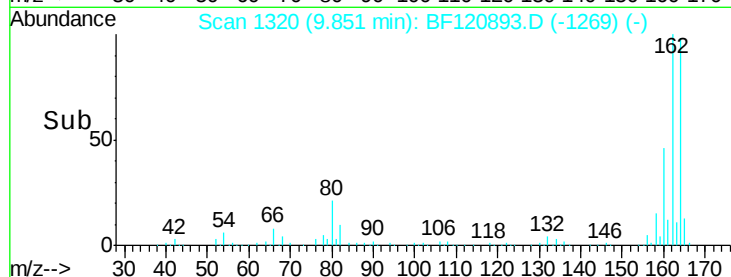
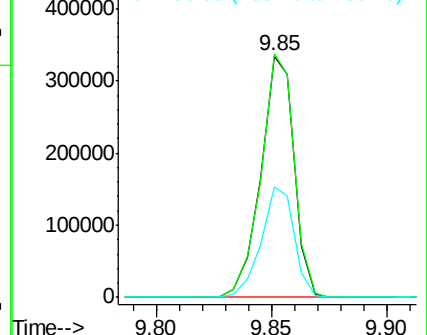
160 46.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.756 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Tgt Ion:216 Resp: 427184

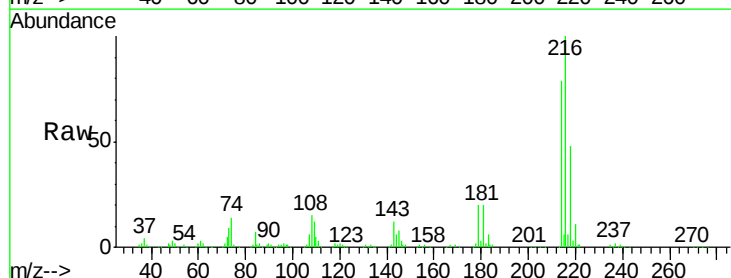
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 20.5 16.6 24.8

108 20.7 15.4 23.0

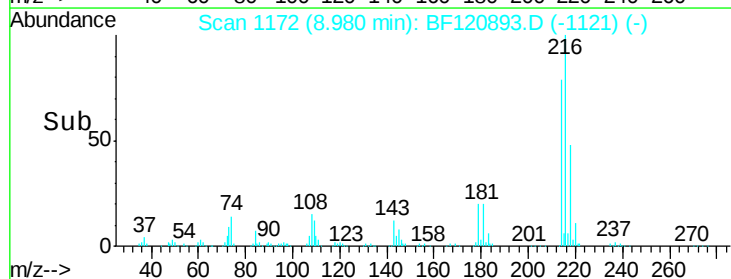
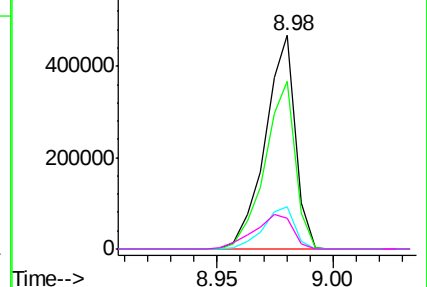


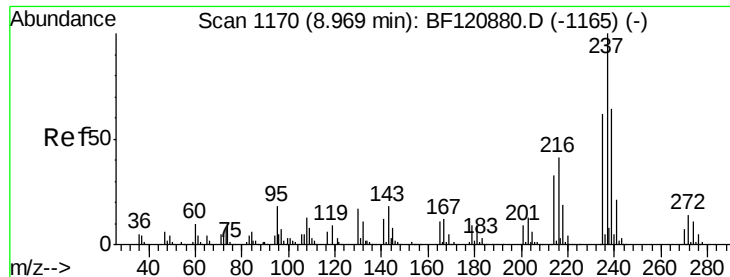
Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.602 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

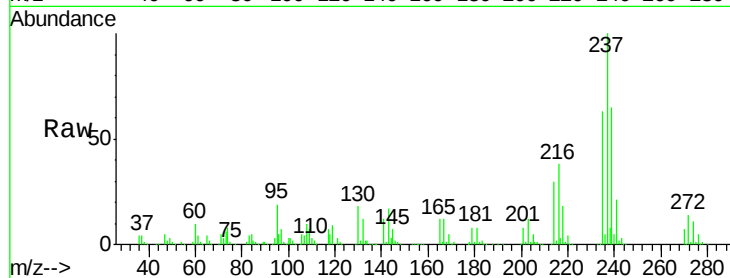
Tot Ion:237 Resp: 478066

Ion Ratio Lower Upper

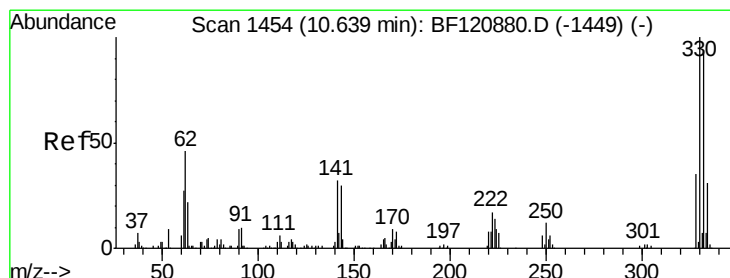
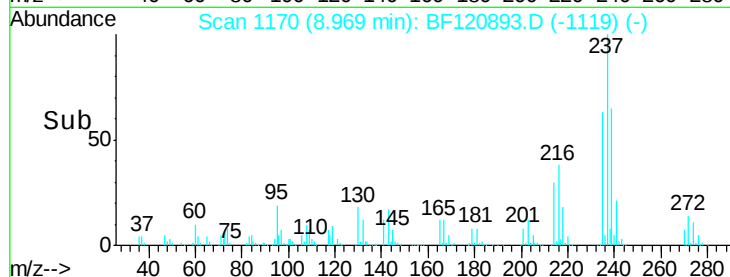
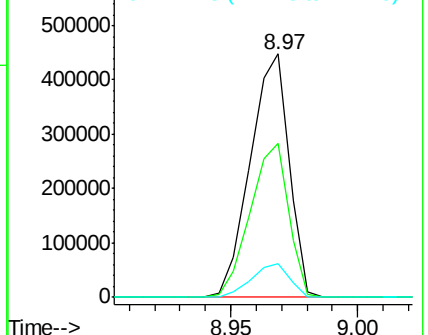
237 100

235 63.2 41.6 81.6

272 14.1 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 115.960 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

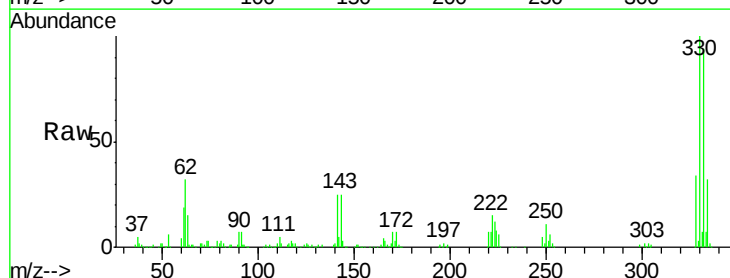
Tgt Ion:330 Resp: 425316

Ion Ratio Lower Upper

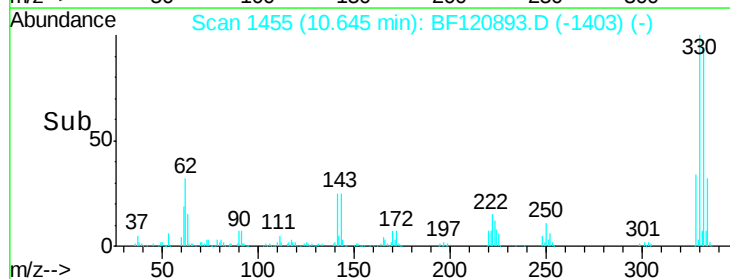
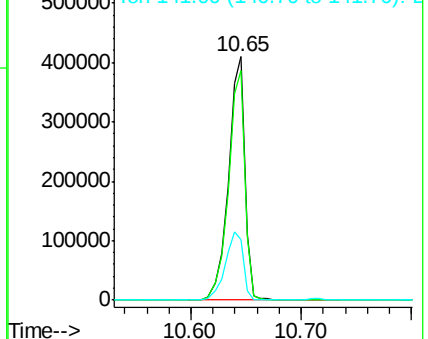
330 100

332 95.0 75.5 113.3

141 30.8 25.7 38.5



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

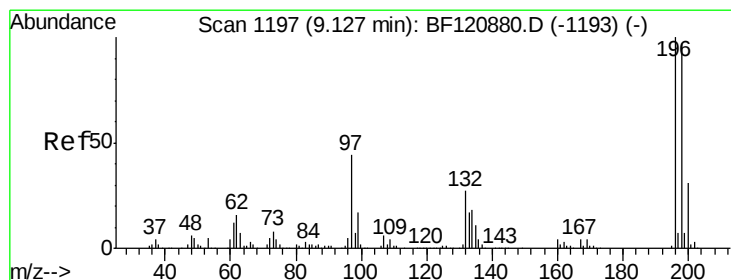
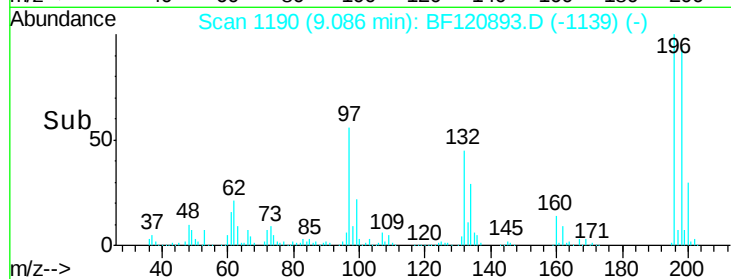
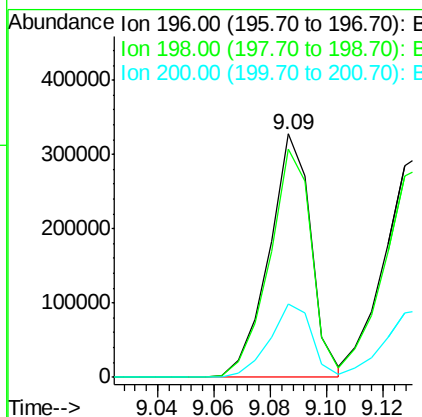
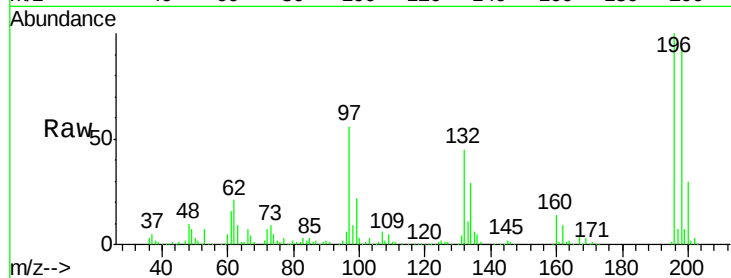




#43
 2,4,6-Trichlorophenol
 Concen: 48.885 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

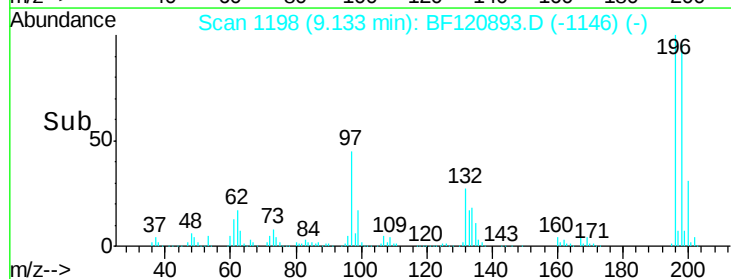
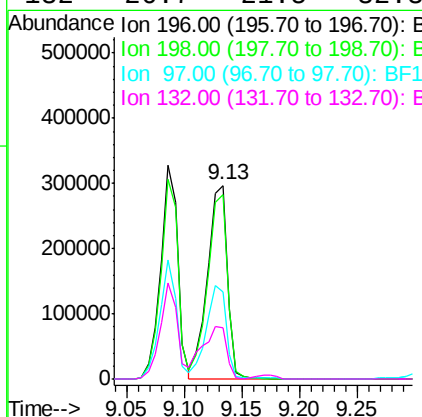
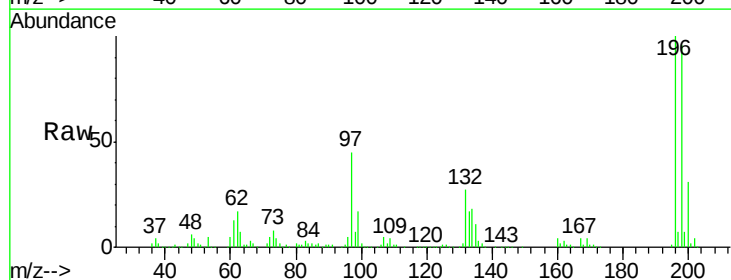
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

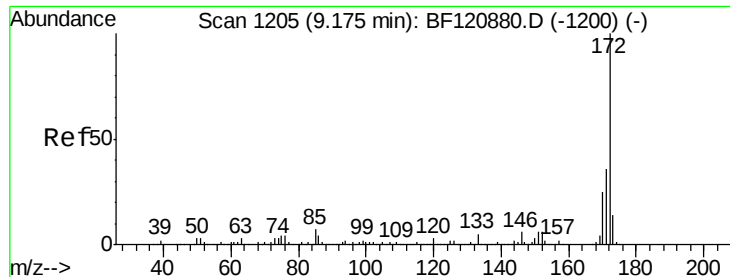
Tot Ion:196 Resp: 336030
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.0 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 46.102 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:196 Resp: 359472
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.6 116.4
 97 45.1 35.6 53.4
 132 26.7 21.5 32.3

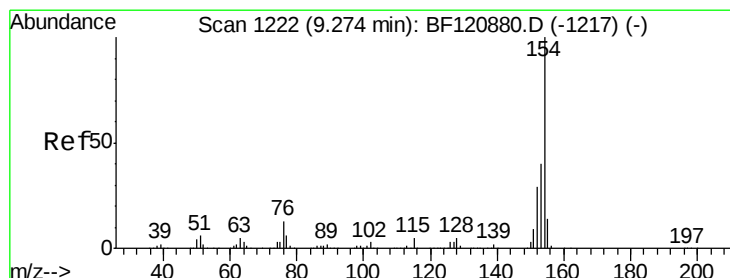
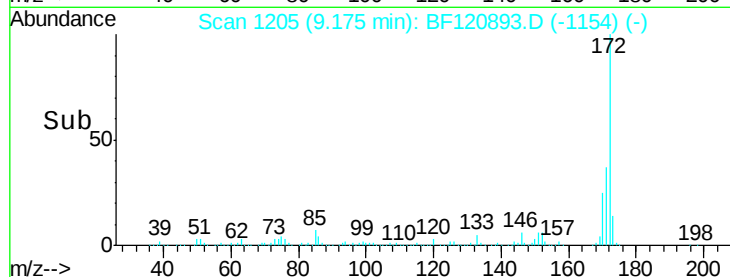
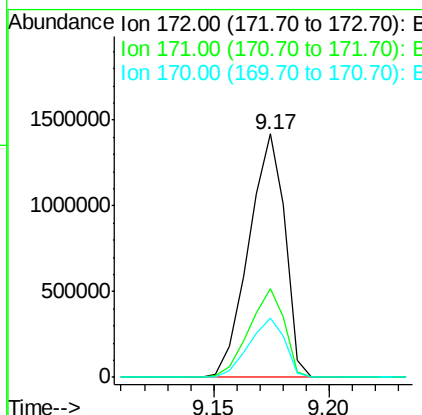
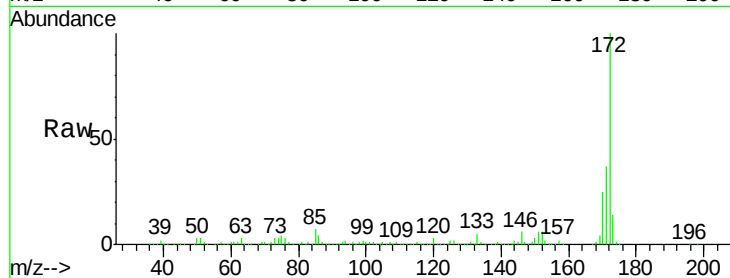




#45
2-Fluorobiphenyl
Concen: 68.906 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

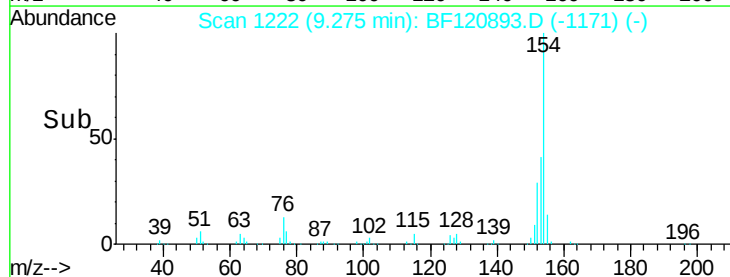
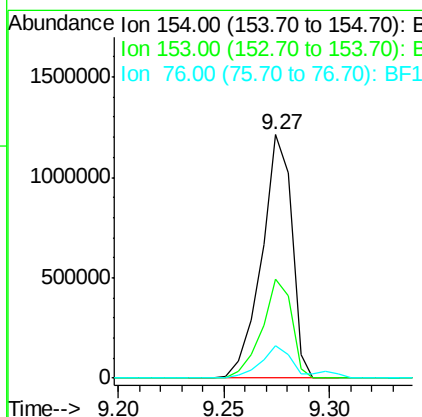
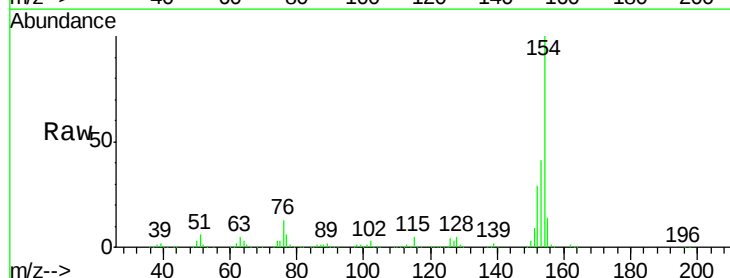
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

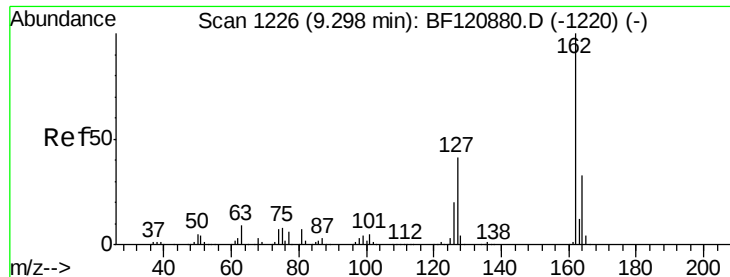
Tot Ion:172 Resp: 1546427
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.6 19.6 29.4



#46
1,1'-Biphenyl
Concen: 47.009 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:154 Resp: 1201543
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 13.3 0.0 33.1

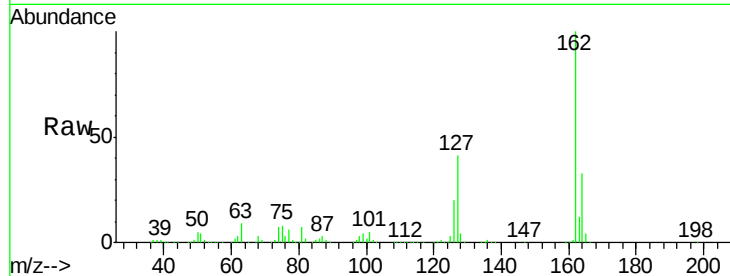




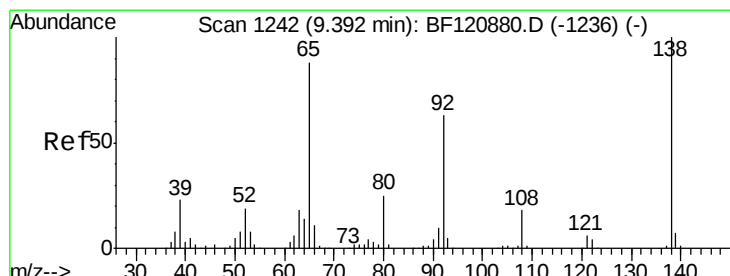
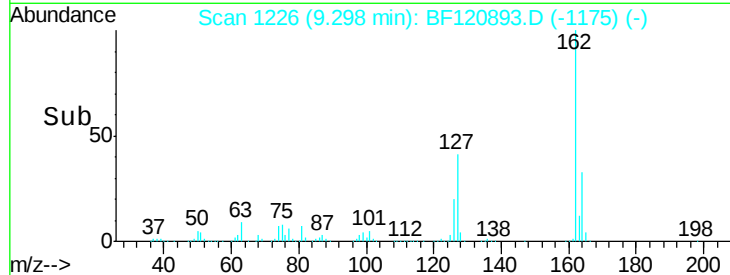
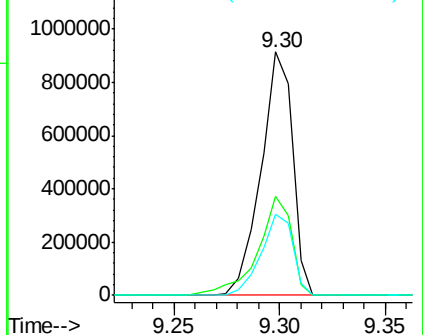
#47
 2-Chloronaphthalene
 Concen: 45.576 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	33.3	49.9
164	33.2	26.6	39.8

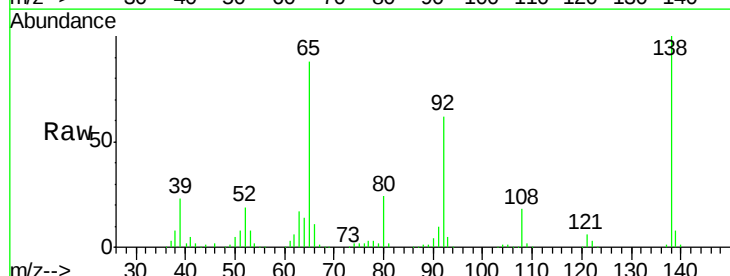


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

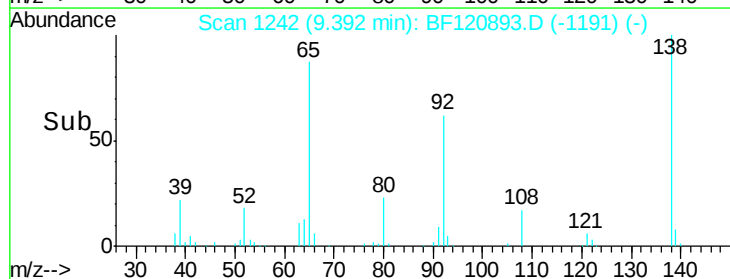
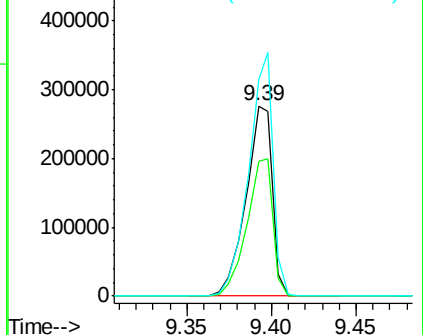


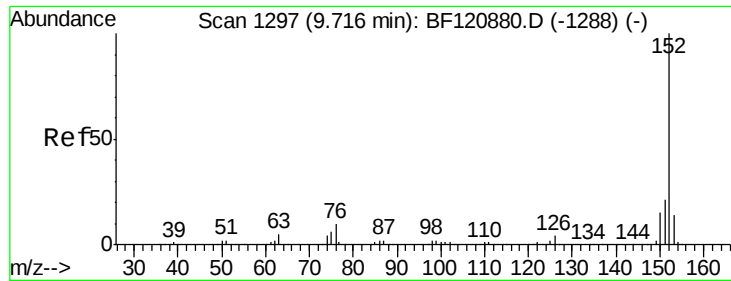
#48
 2-Nitroaniline
 Concen: 47.995 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	57.0	85.4
138	114.1	90.4	135.6



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: 47.086 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

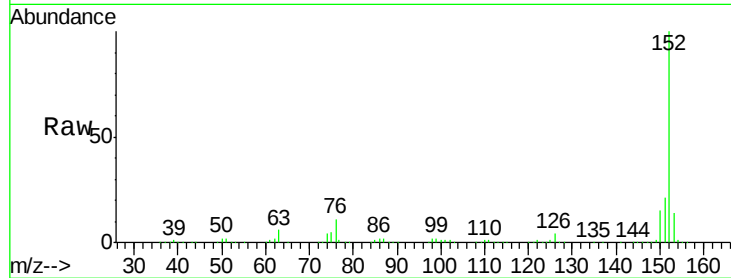
Tot Ion:152 Resp: 1524365

Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

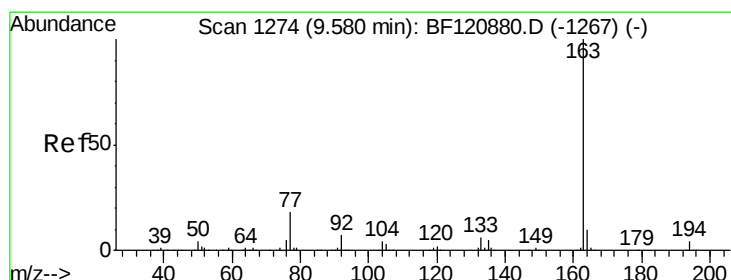
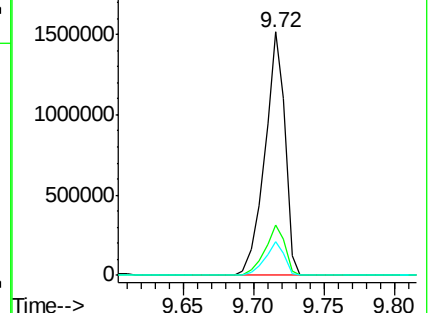
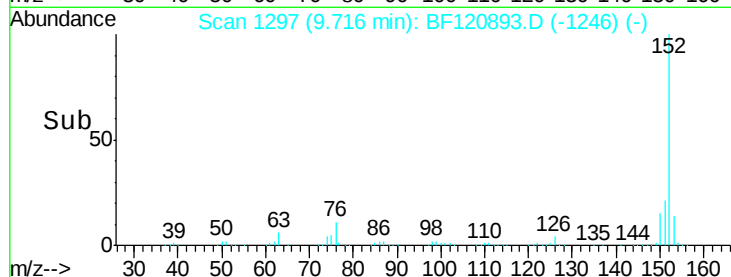
153 13.6 10.9 16.3



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: 48.298 ng

RT: 9.58 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

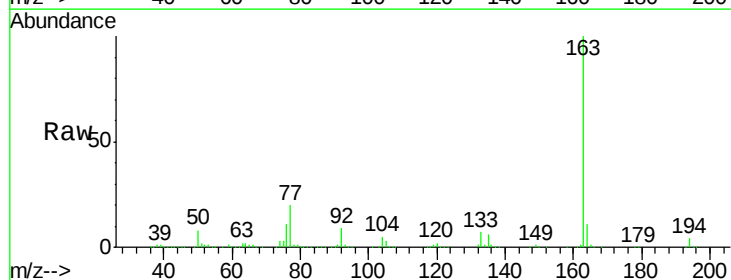
Tgt Ion:163 Resp: 1167558

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

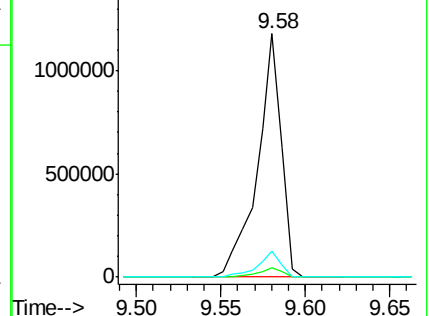
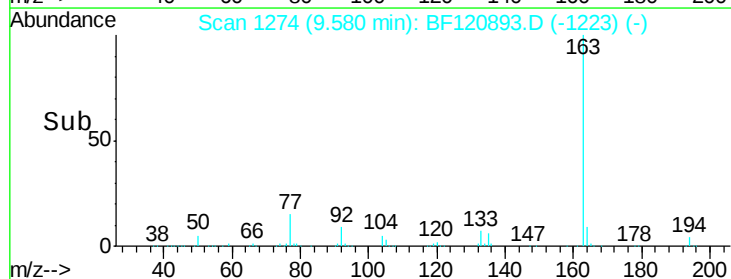
164 10.5 7.9 11.9

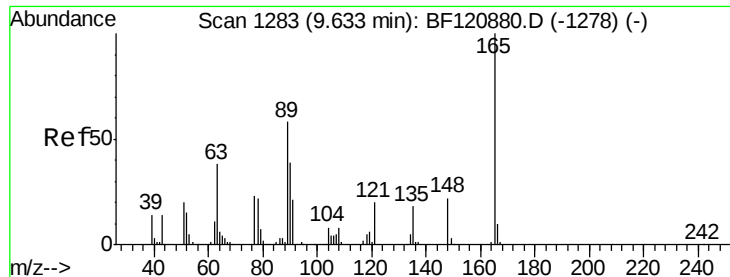


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.786 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

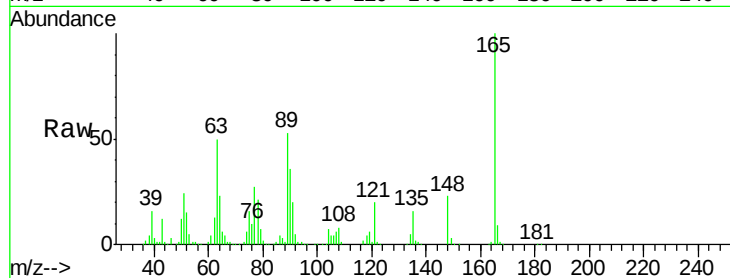
Tot Ion:165 Resp: 263757

Ion Ratio Lower Upper

165 100

63 50.3 45.4 68.2

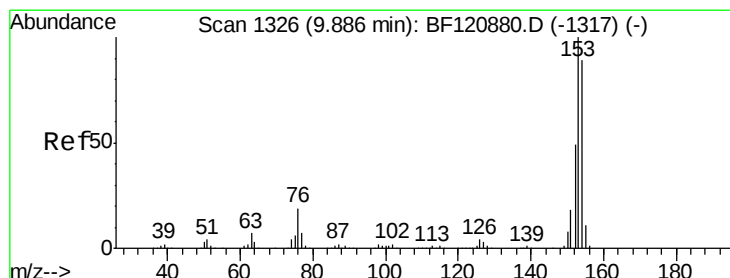
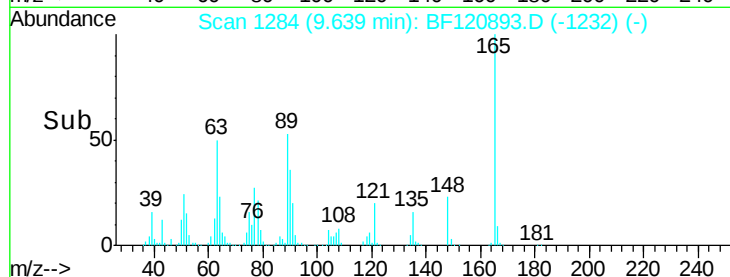
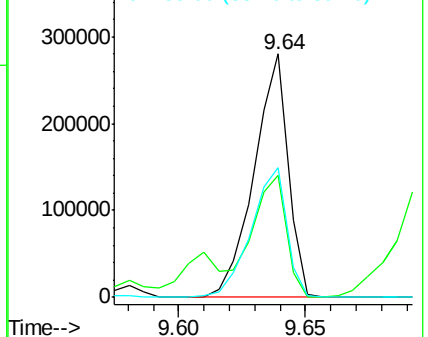
89 53.4 47.0 70.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 45.770 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

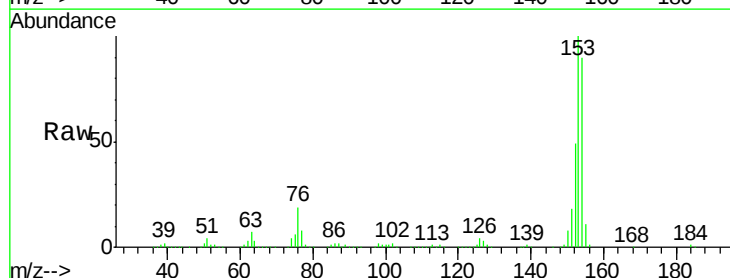
Tgt Ion:154 Resp: 942066

Ion Ratio Lower Upper

154 100

153 111.0 89.5 134.3

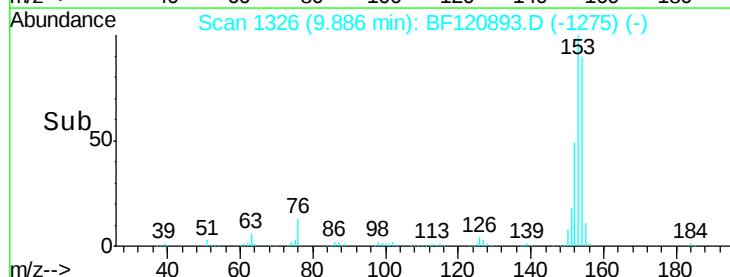
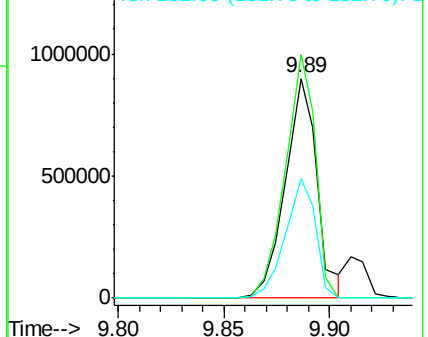
152 54.2 44.2 66.2

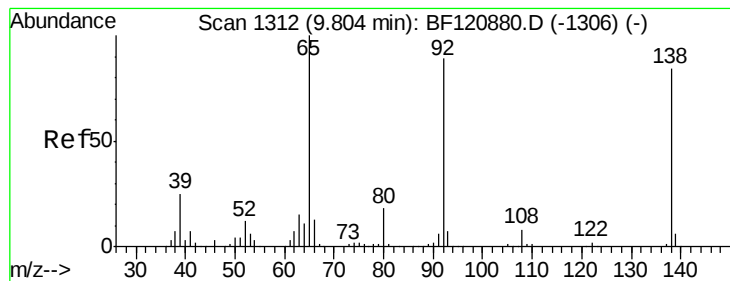


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.439 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

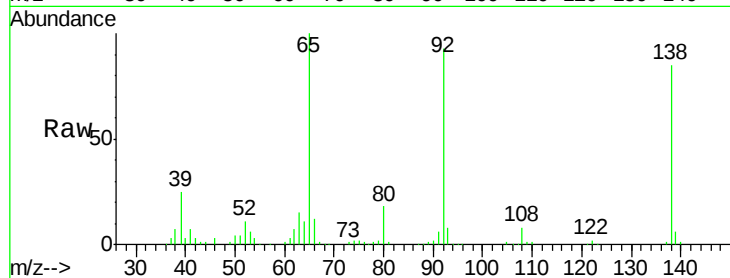
Tot Ion:138 Resp: 139649

Ion Ratio Lower Upper

138 100

108 9.9 7.9 11.9

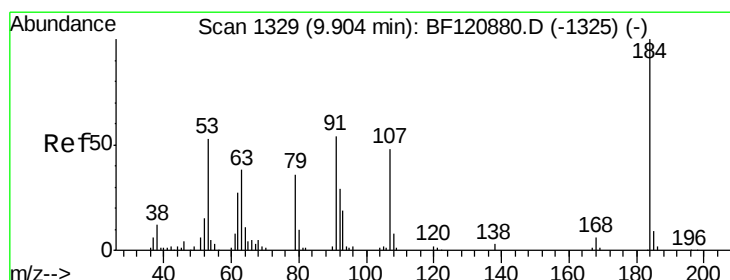
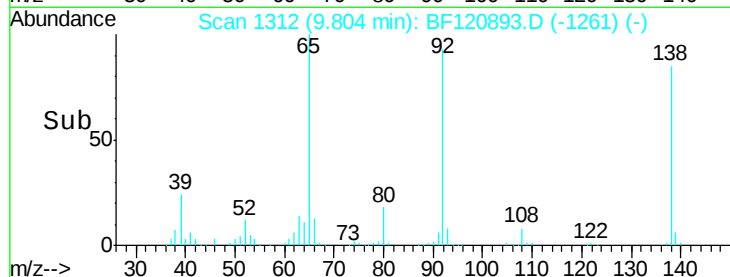
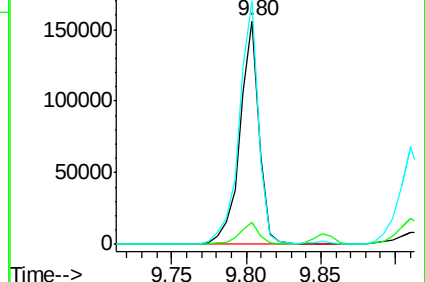
92 108.8 85.3 127.9



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: 96.258 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

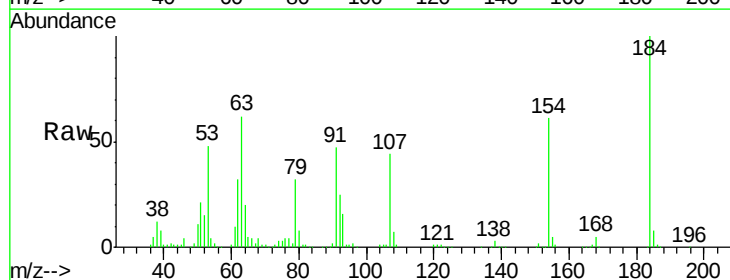
Tgt Ion:184 Resp: 292292

Ion Ratio Lower Upper

184 100

63 62.5 57.9 86.9

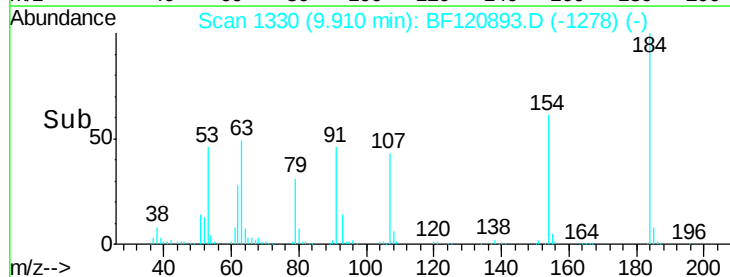
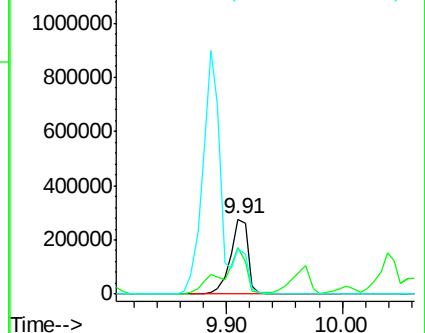
154 60.9 52.6 78.8

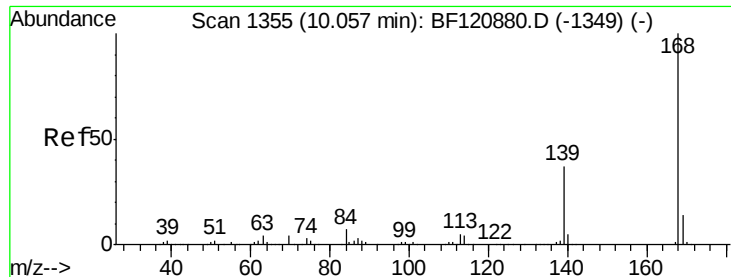


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

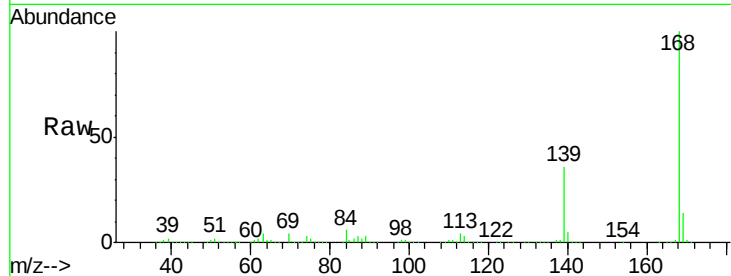




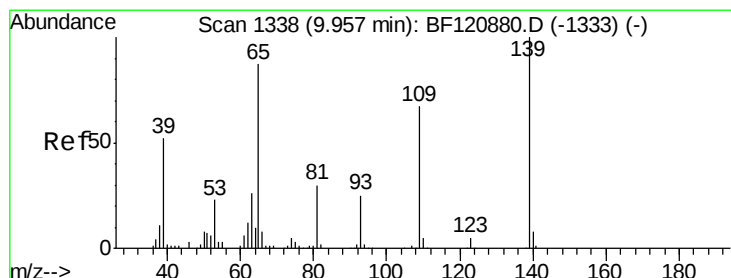
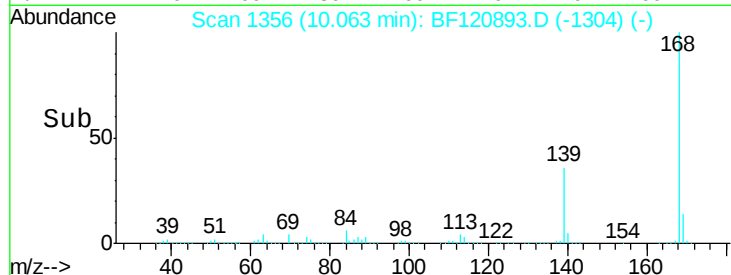
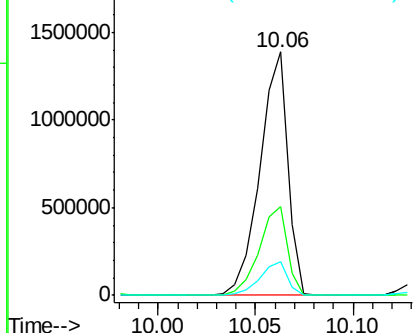
#55
Dibenzenofuran
Concen: 45.995 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

Tot Ion:168 Resp: 1368999
Ion Ratio Lower Upper
168 100
139 36.3 29.7 44.5
169 13.9 11.1 16.7

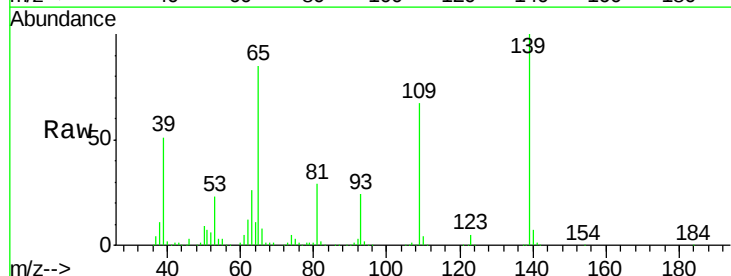


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

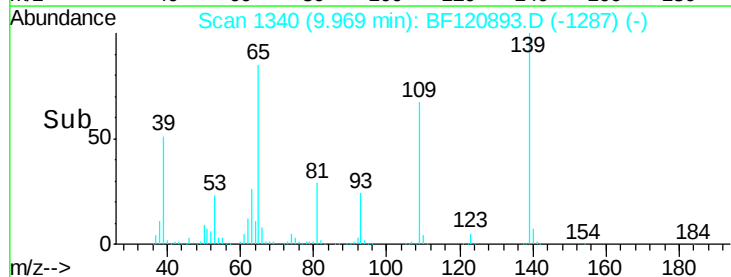
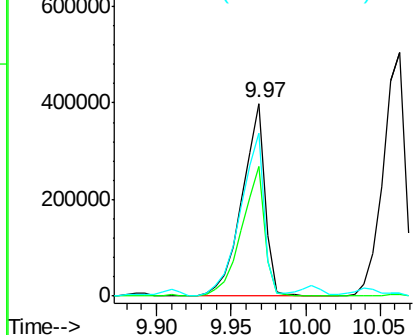


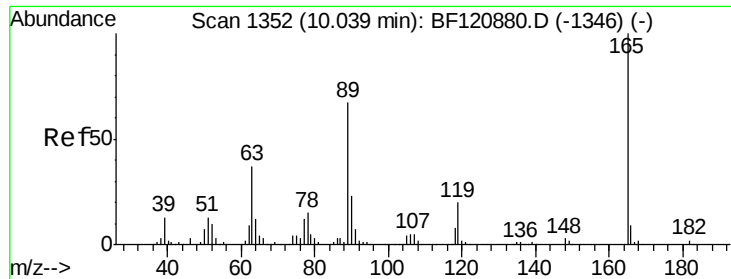
#56
4-Nitrophenol
Concen: 85.811 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:139 Resp: 424584
Ion Ratio Lower Upper
139 100
109 67.4 47.3 87.3
65 84.7 67.2 107.2



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

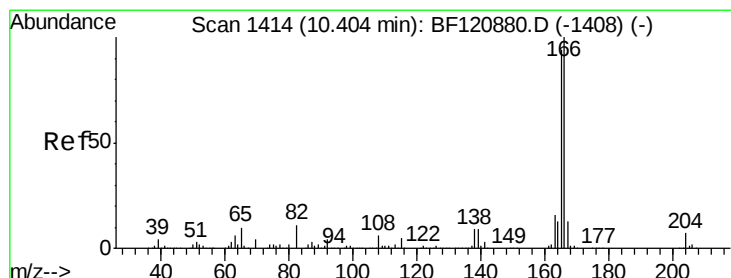
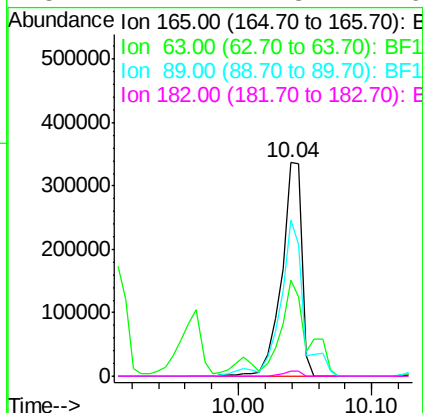
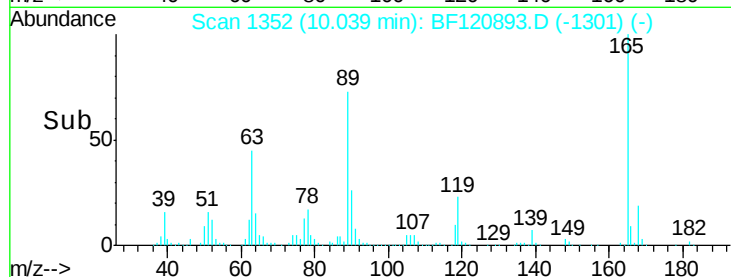
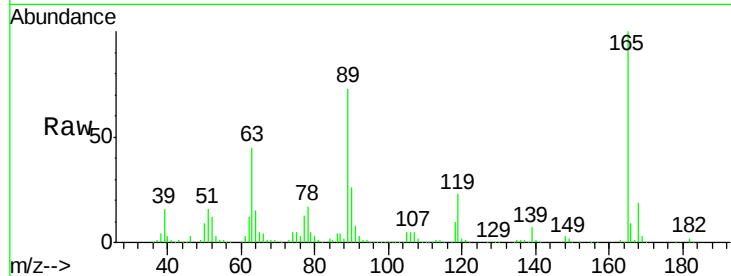




#57
2,4-Dinitrotoluene
Concen: 52.709 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

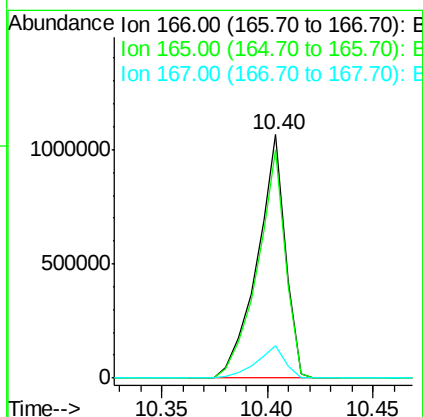
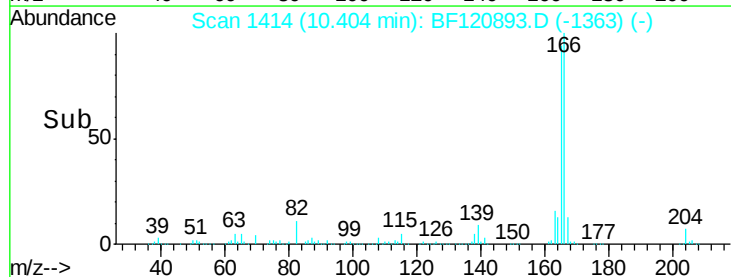
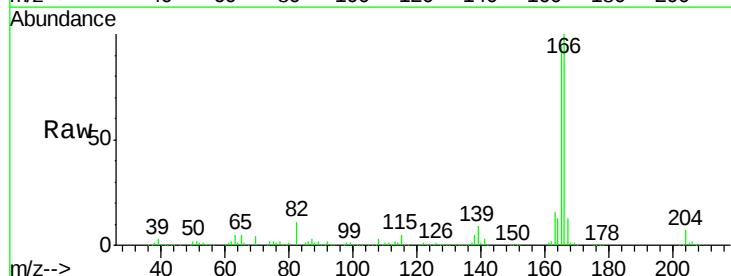
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

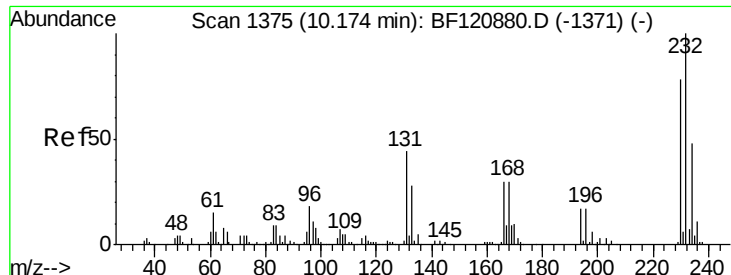
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	29.4	44.2#
89	73.3	53.4	80.0
182	2.4	1.8	2.6



#58
Fluorene
Concen: 44.279 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	75.4	113.0
167	13.5	10.6	15.8

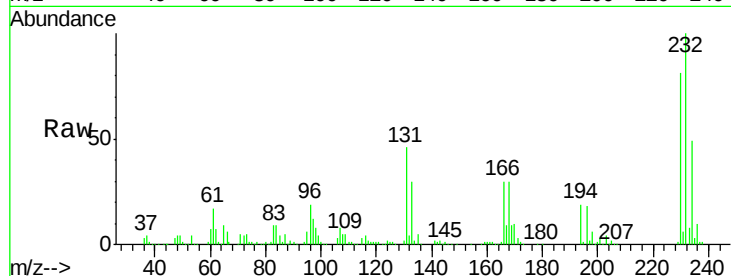




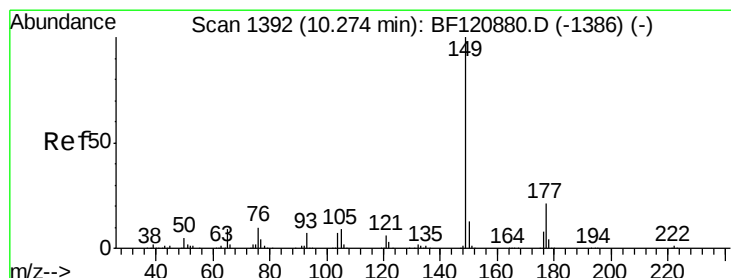
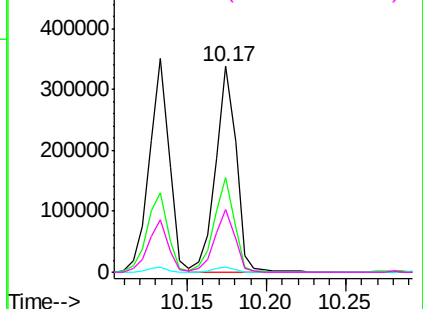
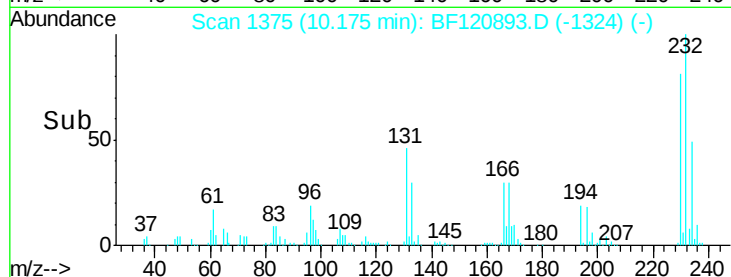
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.985 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

Tot Ion:232 Resp: 302679
 Ion Ratio Lower Upper
 232 100
 131 45.7 37.1 55.7
 130 2.3 1.7 2.5
 166 30.3 24.2 36.4

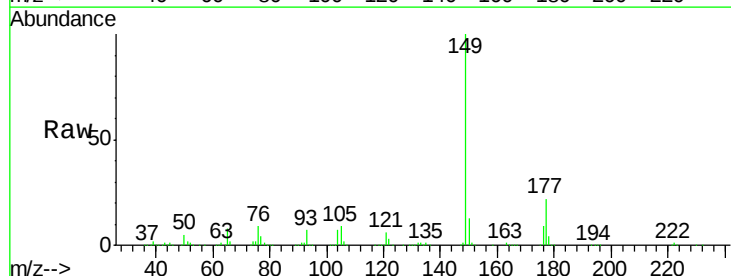


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

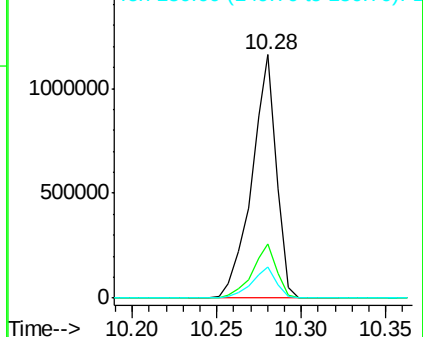
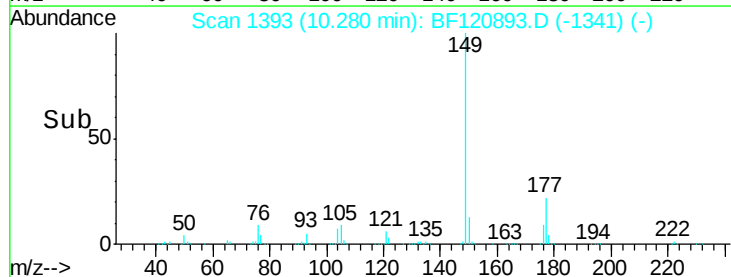


#60
 Diethylphthalate
 Concen: 48.197 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:149 Resp: 1178475
 Ion Ratio Lower Upper
 149 100
 177 22.0 17.1 25.7
 150 12.7 10.3 15.5



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

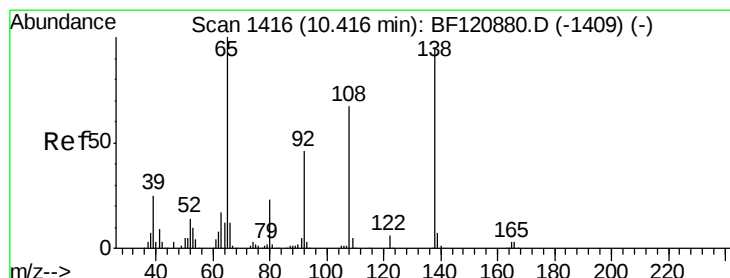
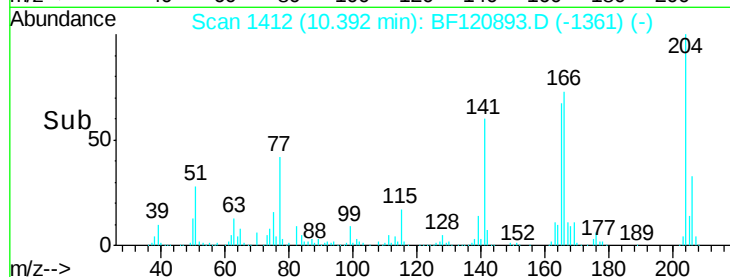
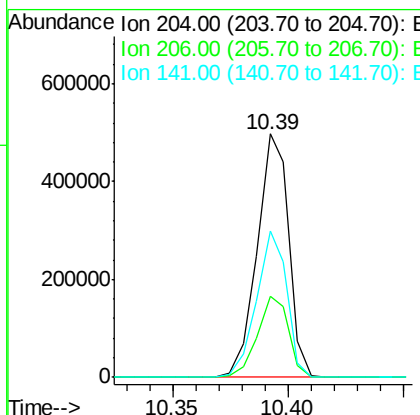
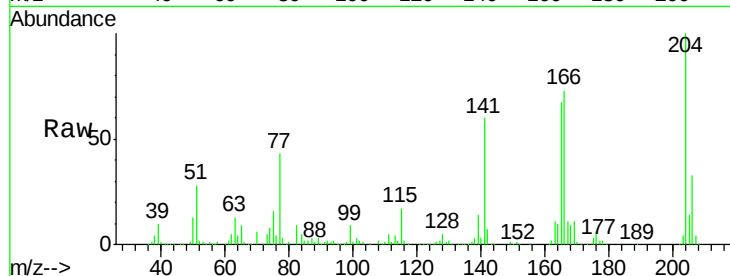




#61
 4-Chlorophenyl-phenylether
 Concen: 39.918 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

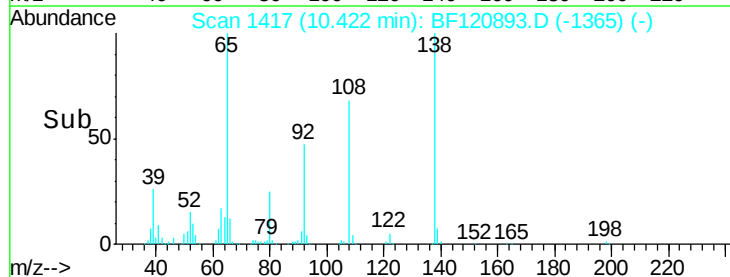
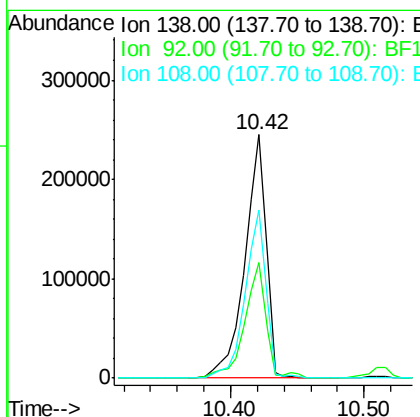
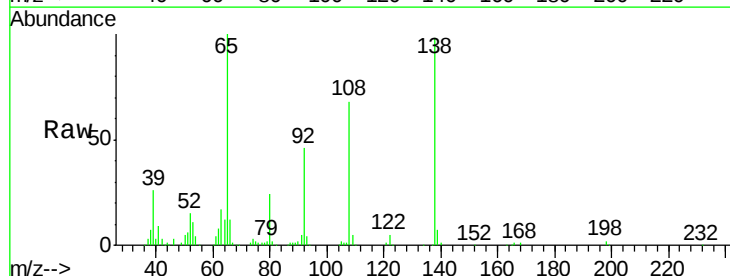
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

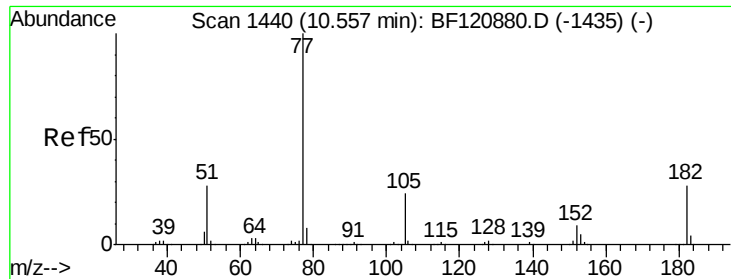
Tot Ion:204 Resp: 472640
 Ion Ratio Lower Upper
 204 100
 206 33.3 25.9 38.9
 141 60.0 47.2 70.8



#62
 4-Nitroaniline
 Concen: 42.223 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:138 Resp: 267902
 Ion Ratio Lower Upper
 138 100
 92 47.3 28.6 68.6
 108 69.3 51.1 91.1





#63

Azobenzene

Concen: 47.427 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

Tot Ion: 77 Resp: 1103997

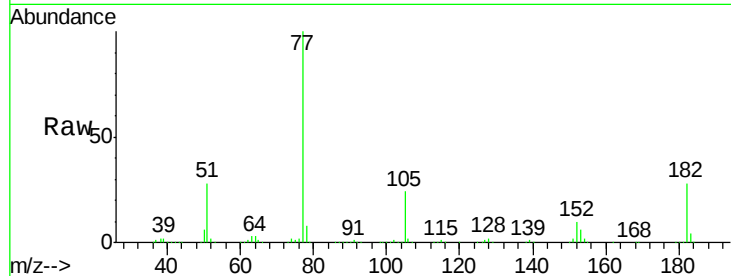
Ion Ratio Lower Upper

77 100

182 28.1 7.8 47.8

105 24.2 4.4 44.4

51 28.4 8.0 48.0

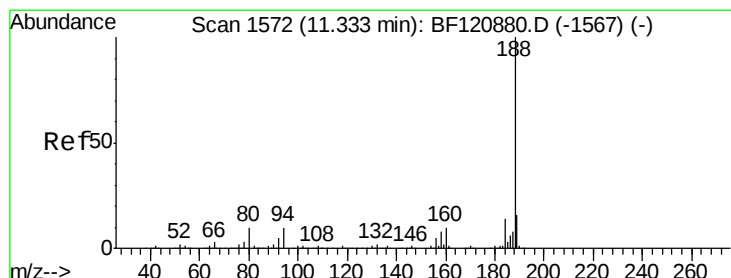
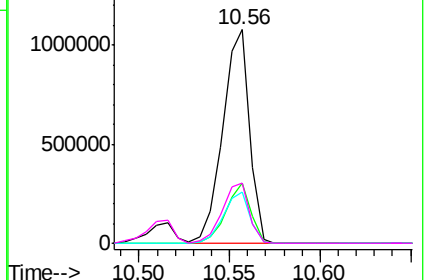
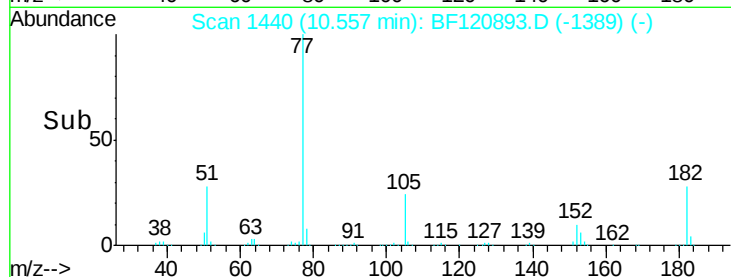


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

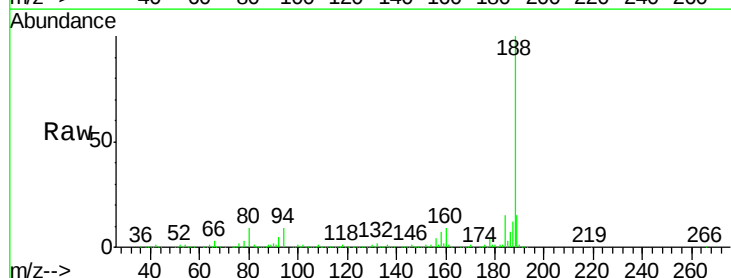
Tgt Ion: 188 Resp: 661938

Ion Ratio Lower Upper

188 100

94 8.8 8.0 12.0

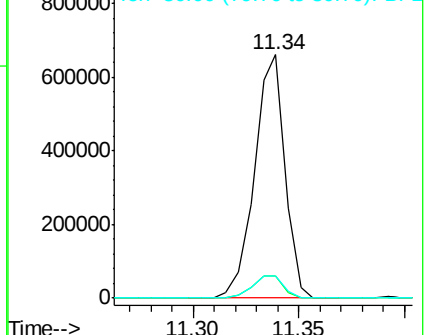
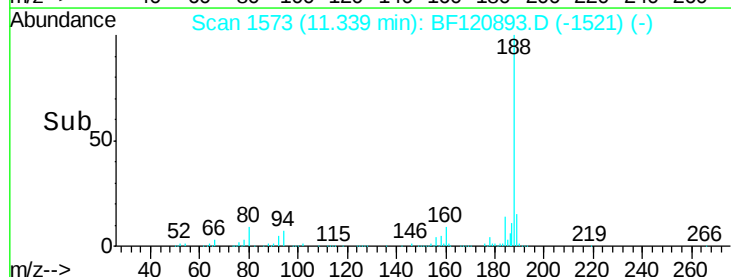
80 9.1 8.3 12.5



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

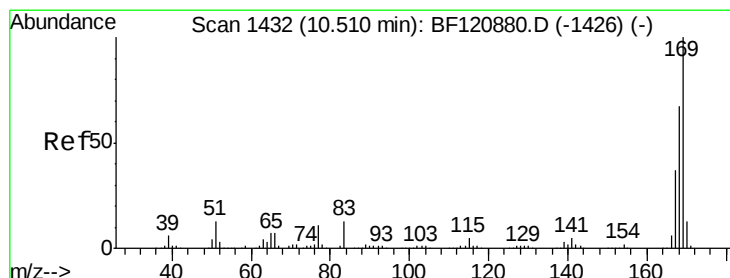
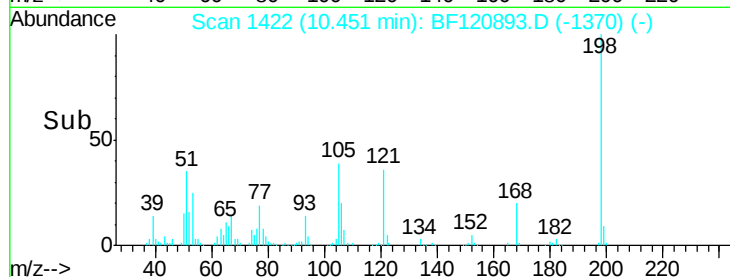
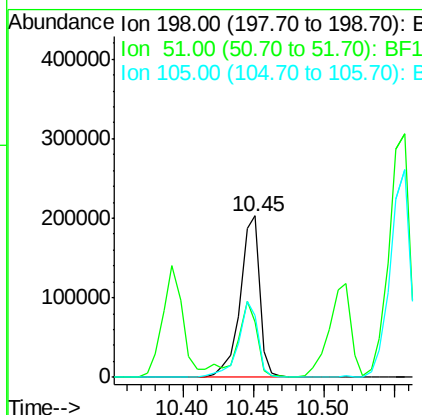
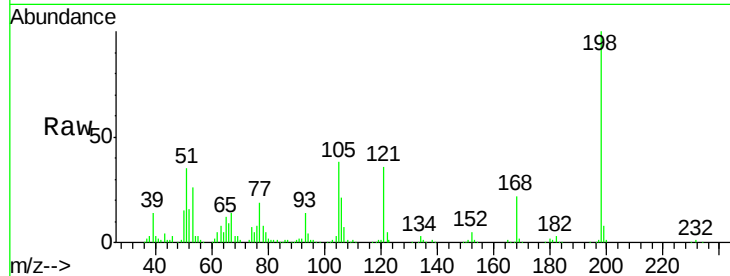




#65
4,6-Dinitro-2-methylphenol
Concen: 50.897 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.01 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

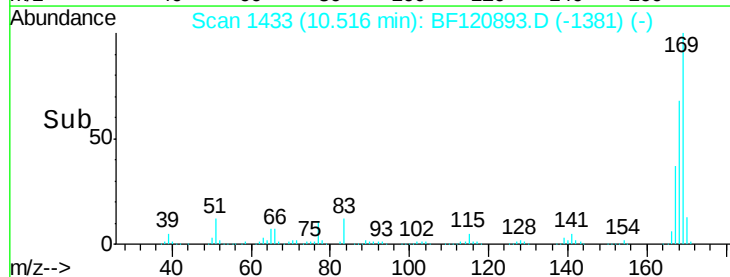
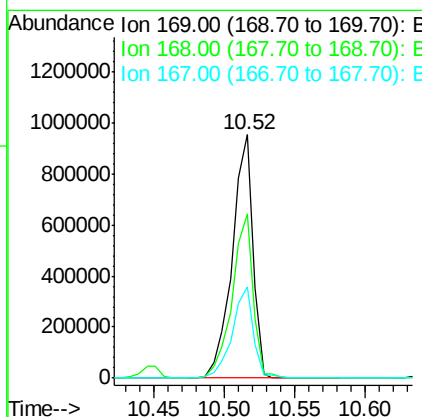
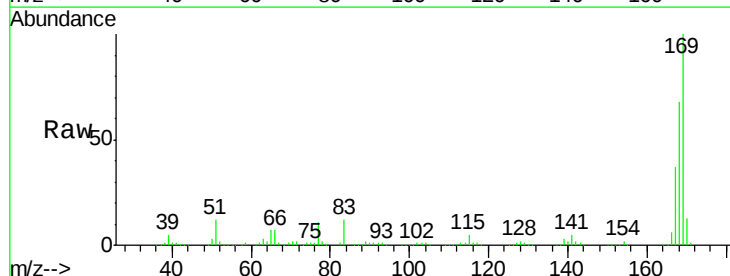
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

Tot Ion:198 Resp: 195954
Ion Ratio Lower Upper
198 100
51 34.7 19.5 59.5
105 38.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 46.730 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:169 Resp: 973077
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.0
167 37.4 29.4 44.0

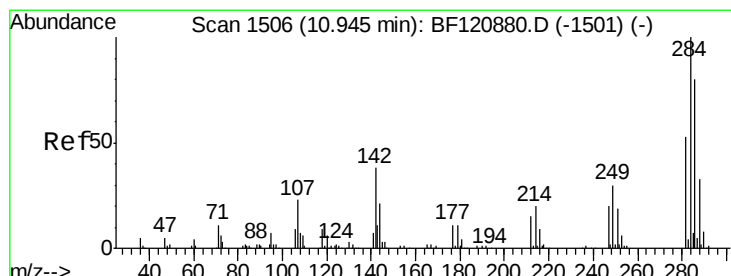
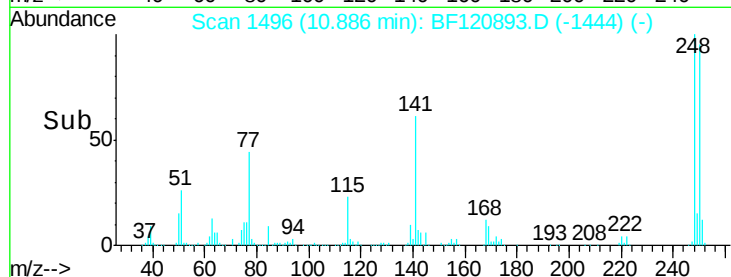
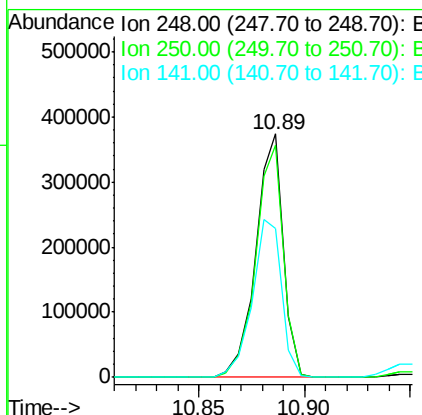
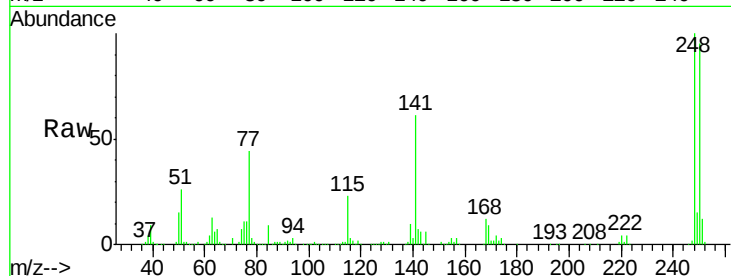




#67
 4-Bromophenyl-phenylether
 Concen: 45.673 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

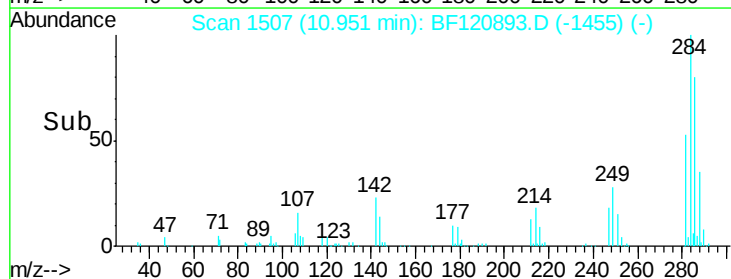
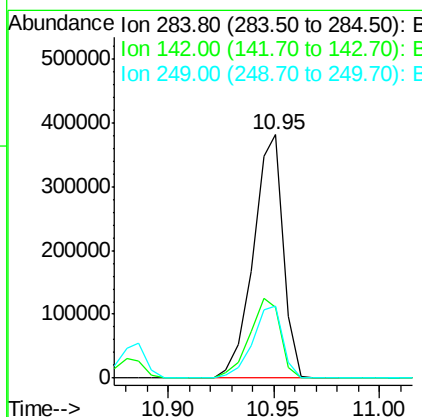
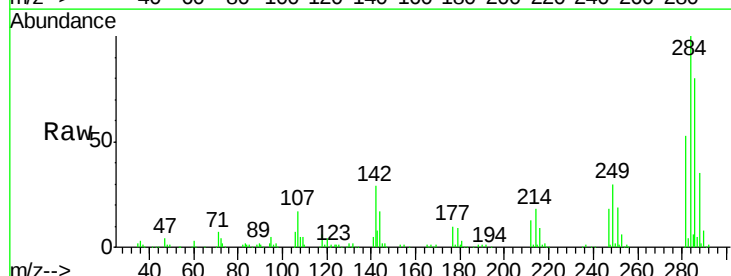
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

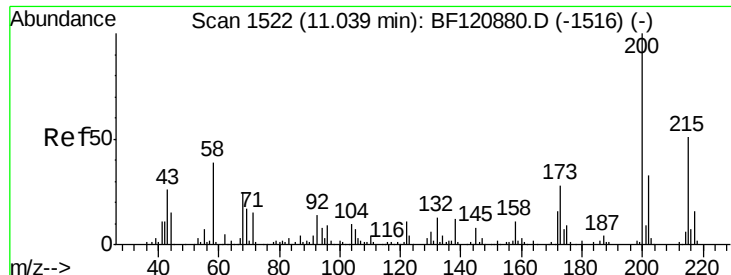
Tot Ion:248 Resp: 337072
 Ion Ratio Lower Upper
 248 100
 250 95.4 77.1 115.7
 141 61.2 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 47.062 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:284 Resp: 375713
 Ion Ratio Lower Upper
 284 100
 142 29.0 30.2 45.2#
 249 29.7 24.2 36.2





#69

Atrazine

Concen: 54.199 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

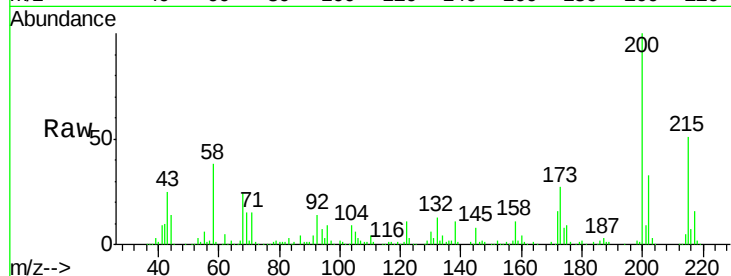
Tot Ion:200 Resp: 279506

Ion Ratio Lower Upper

200 100

173 27.5 8.0 48.0

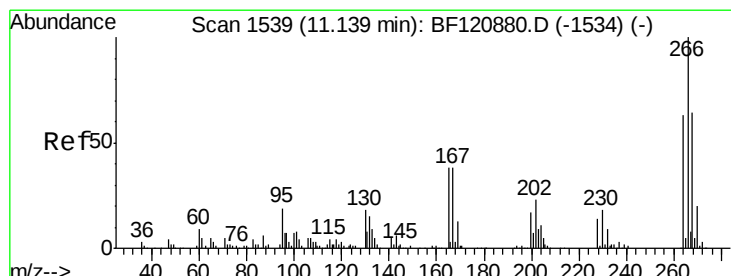
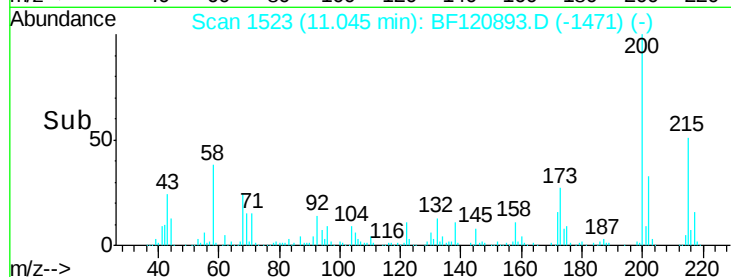
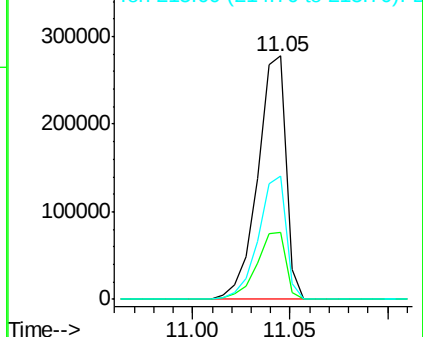
215 50.6 31.5 71.5



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: 97.207 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

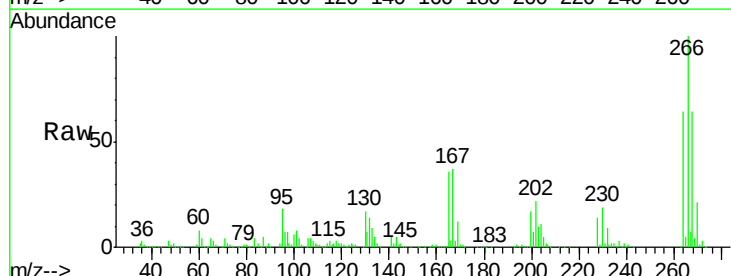
Tgt Ion:266 Resp: 444579

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

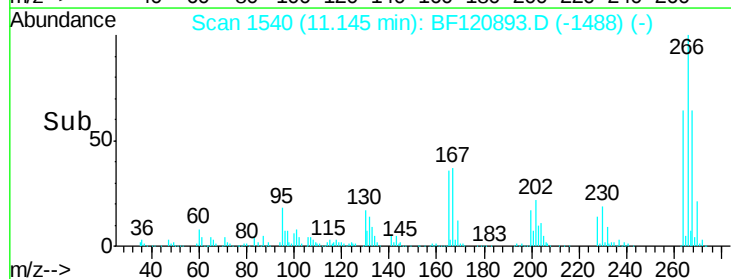
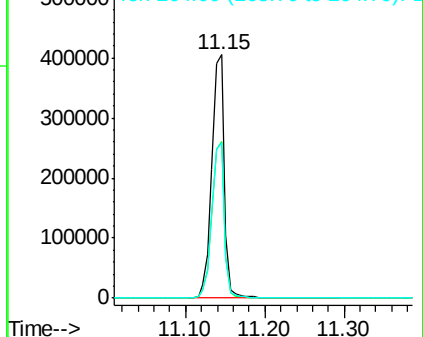
264 63.8 50.2 75.2

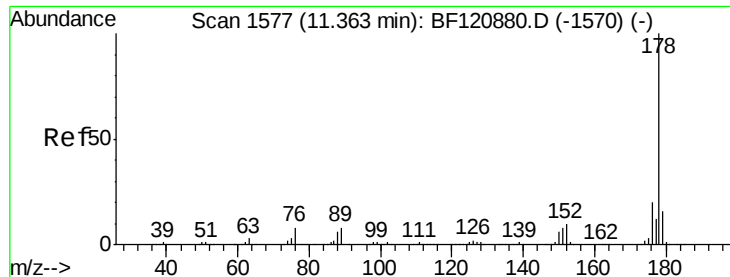


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.426 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

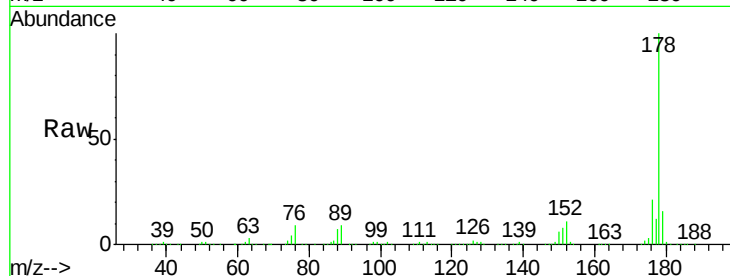
Tot Ion:178 Resp: 1546484

Ion Ratio Lower Upper

178 100

176 20.9 16.2 24.4

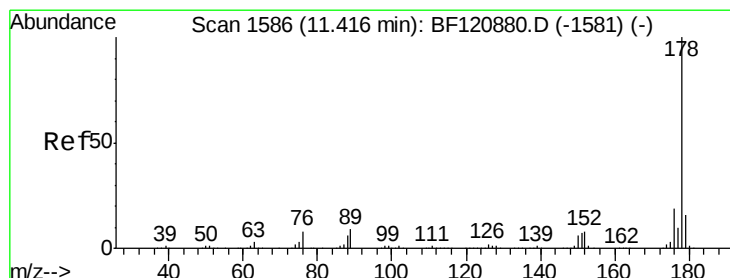
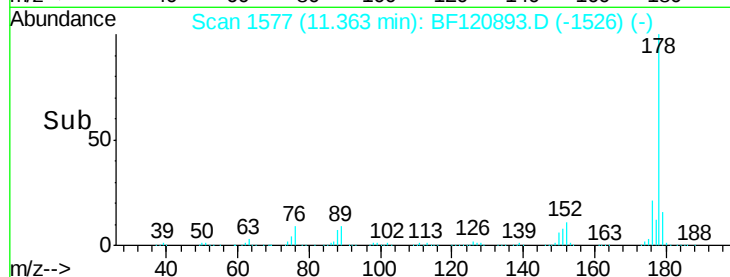
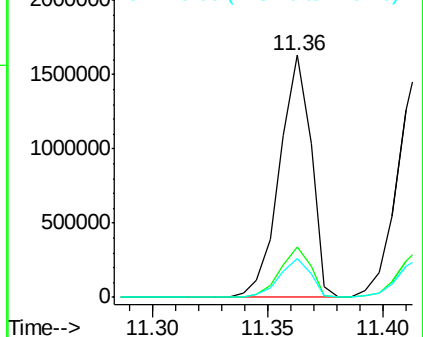
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.971 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

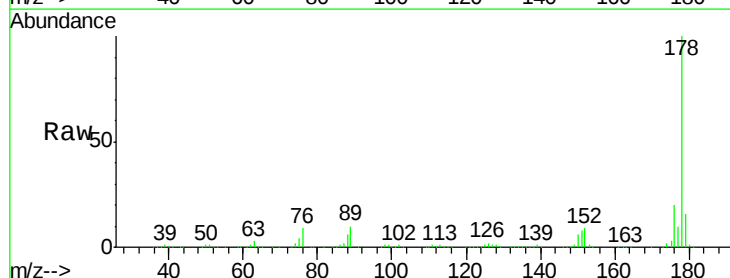
Tgt Ion:178 Resp: 1605680

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

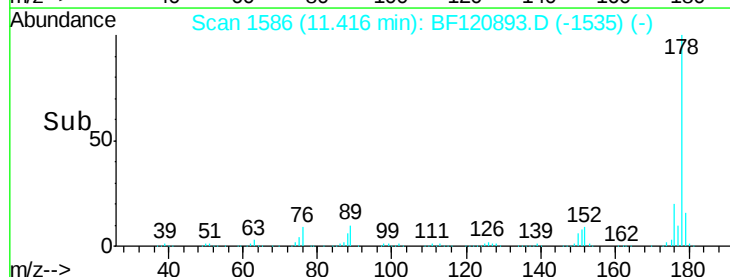
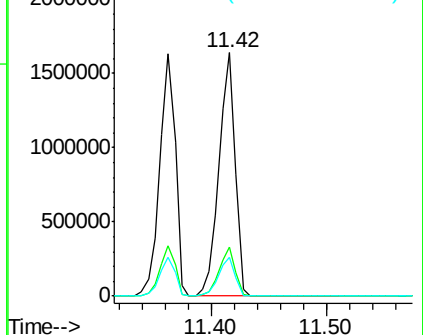
179 16.2 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

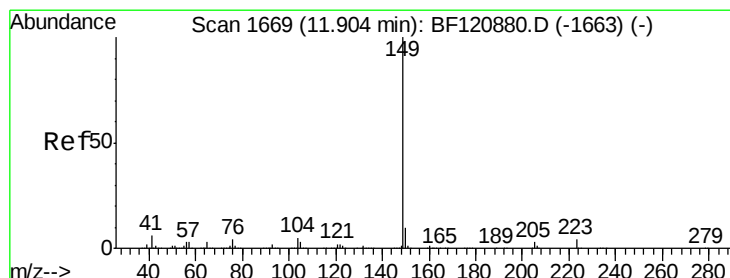
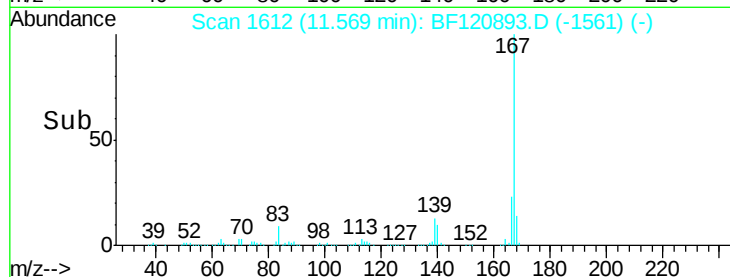
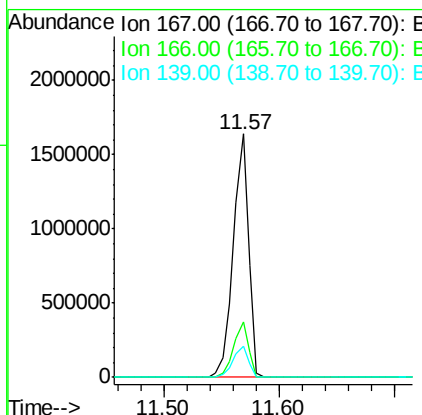
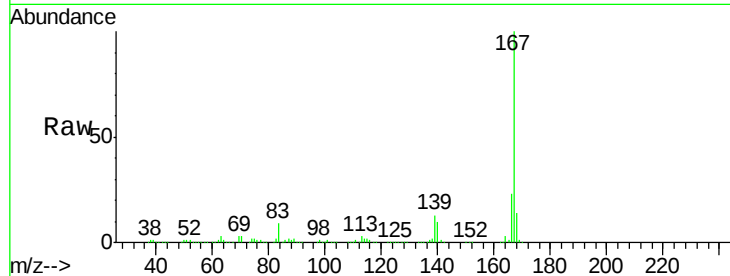




#73
 Carbazole
 Concen: 44.632 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

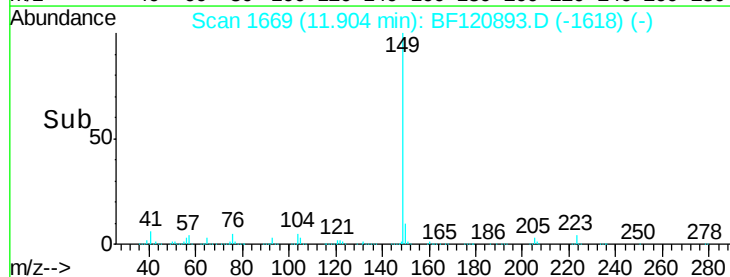
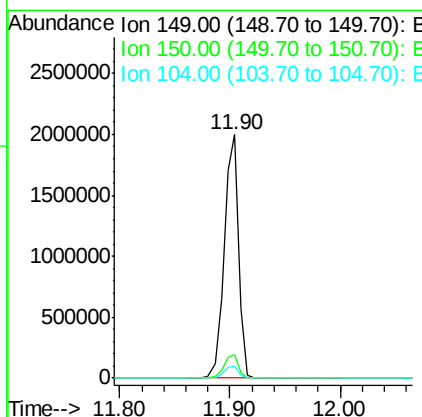
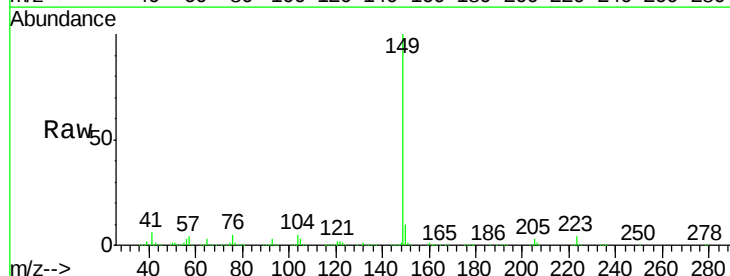
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

Tot Ion:167 Resp: 1514134
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 12.9 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 45.962 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:149 Resp: 1799403
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.6
 104 4.9 3.8 5.6

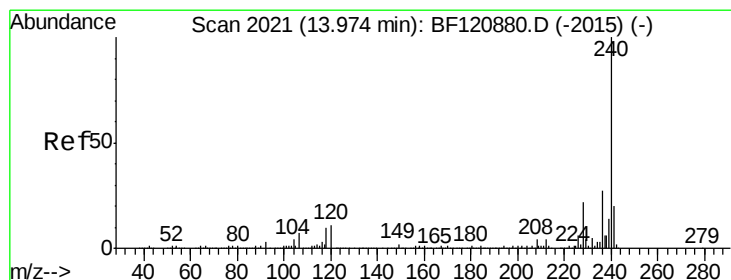
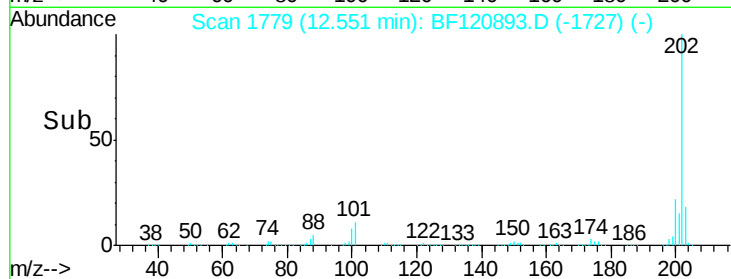
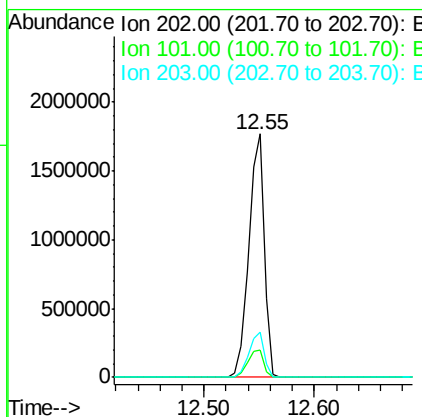
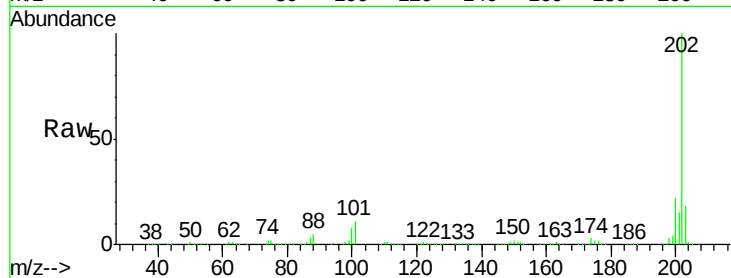




#75
 Fluoranthene
 Concen: 46.135 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

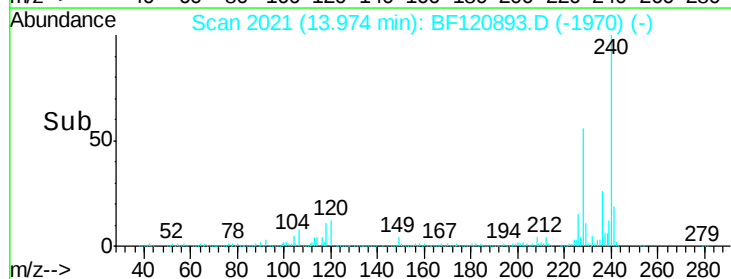
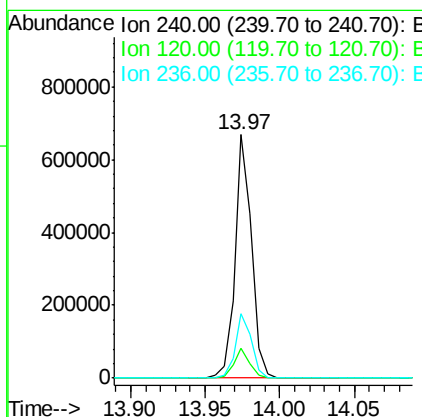
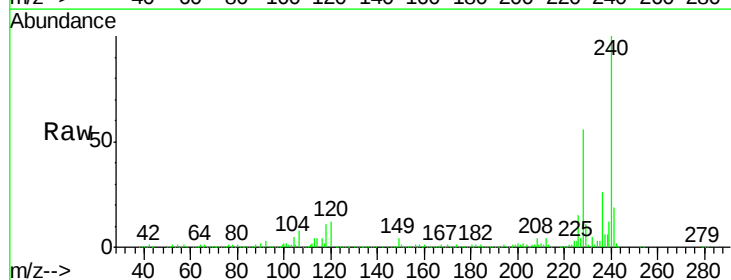
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

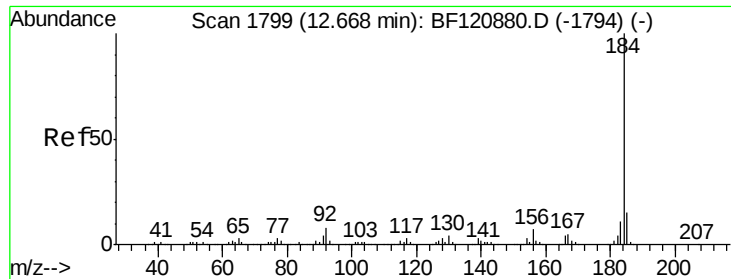
Tot Ion:202 Resp: 1740902
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 32.7
 203 18.4 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:240 Resp: 519670
 Ion Ratio Lower Upper
 240 100
 120 12.5 9.0 13.4
 236 26.5 21.7 32.5





#77

Benzidine

Concen: 3.821 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

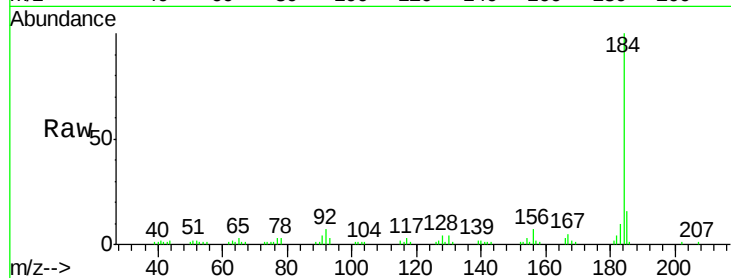
Tot Ion:184 Resp: 52207

Ion Ratio Lower Upper

184 100

185 15.5 12.2 18.2

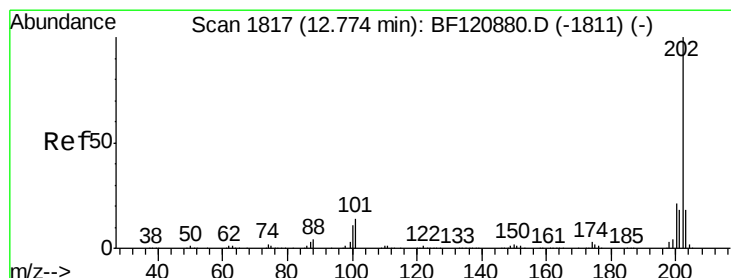
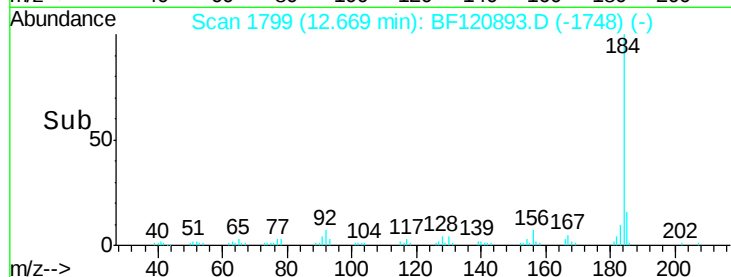
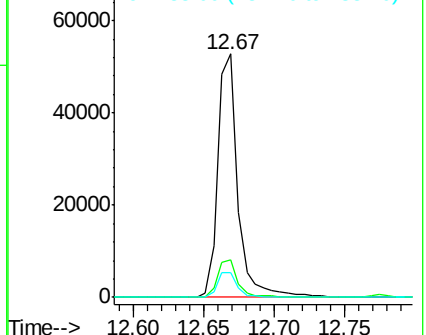
183 10.1 8.5 12.7



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: 48.246 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

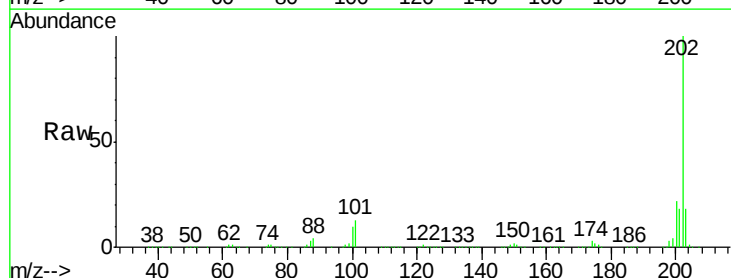
Tgt Ion:202 Resp: 1772582

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.4

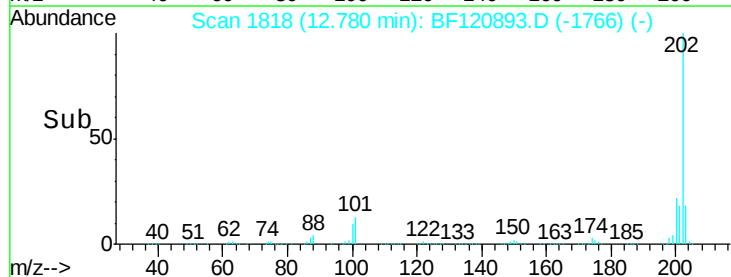
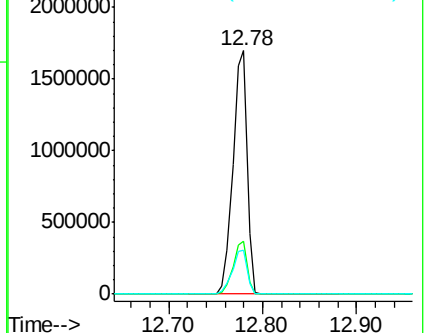
203 18.2 14.4 21.6



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

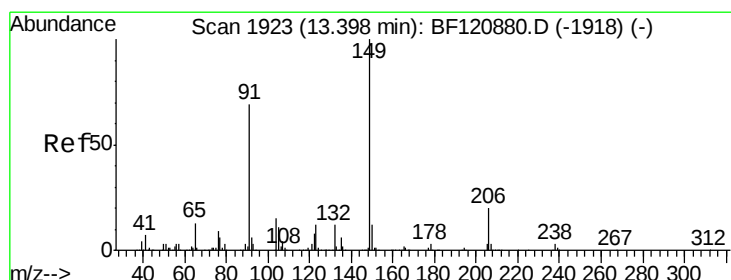
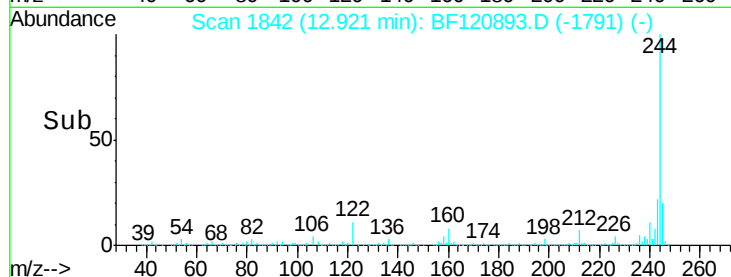
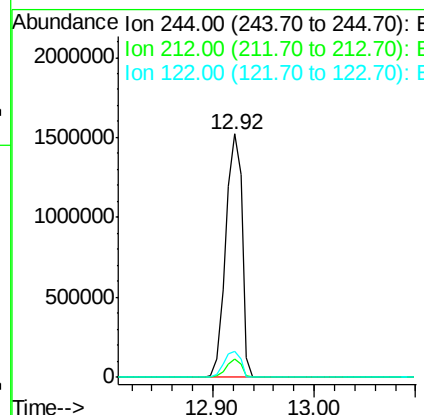
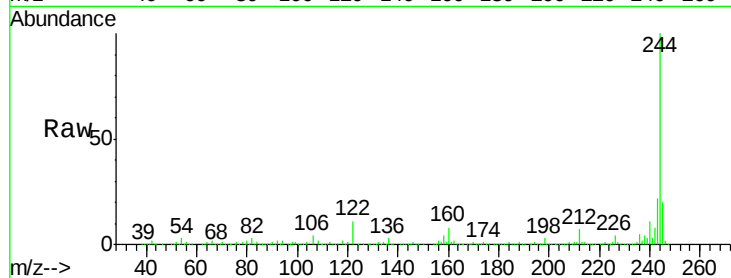




#79
 Terphenyl-d14
 Concen: 70.855 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

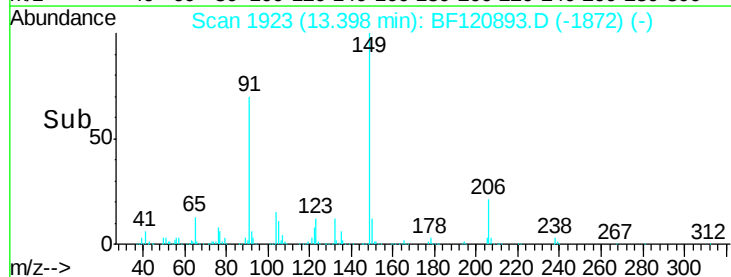
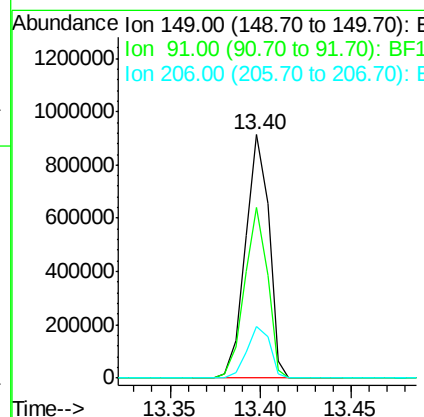
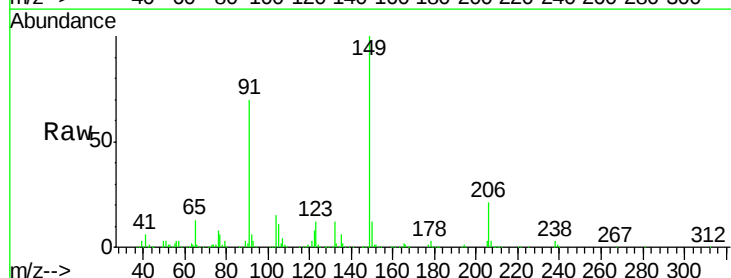
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

Tot Ion:244 Resp: 1693880
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.7 8.9 13.3



#80
 Butylbenzylphthalate
 Concen: 50.144 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:149 Resp: 821282
 Ion Ratio Lower Upper
 149 100
 91 70.2 55.1 82.7
 206 21.0 16.1 24.1





#81

Benzo(a)anthracene

Concen: 43.769 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

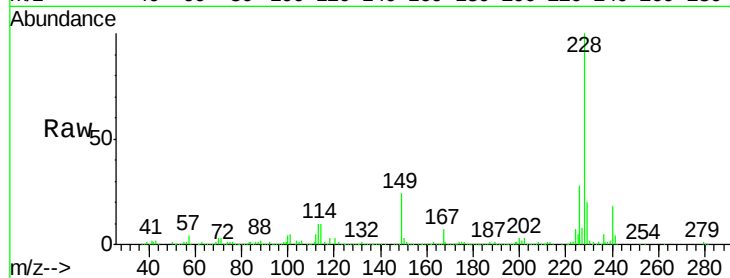
Tot Ion:228 Resp: 1377335

Ion Ratio Lower Upper

228 100

226 28.1 22.3 33.5

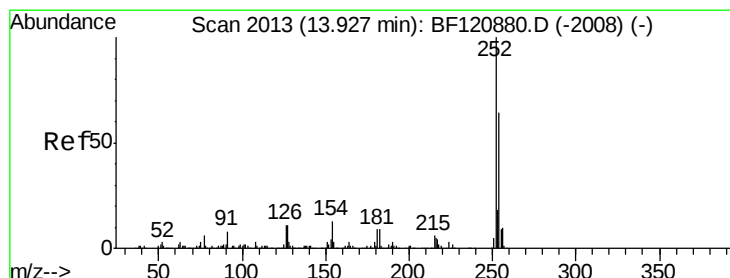
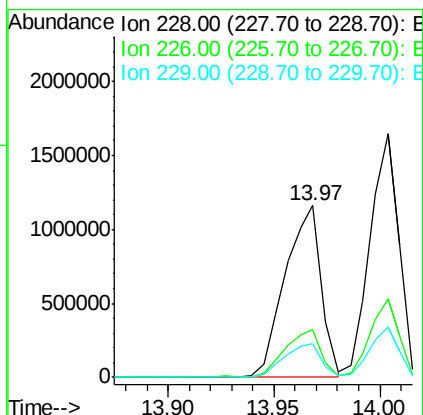
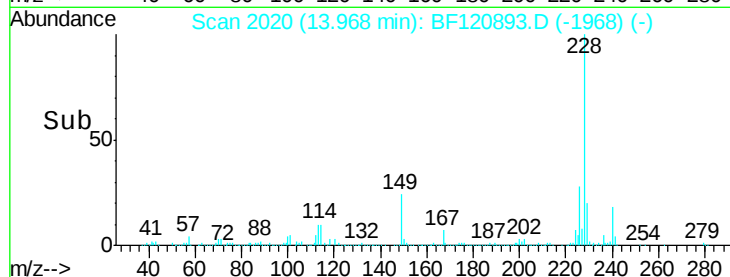
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.054 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

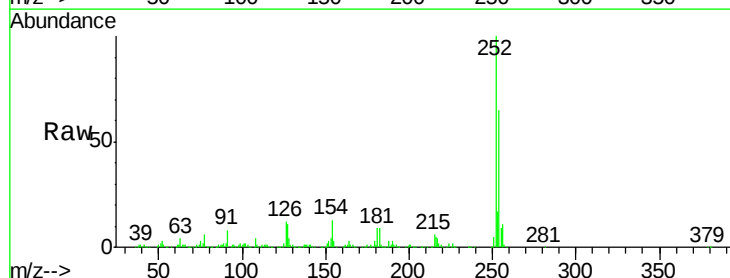
Tgt Ion:252 Resp: 344933

Ion Ratio Lower Upper

252 100

254 64.9 51.2 76.8

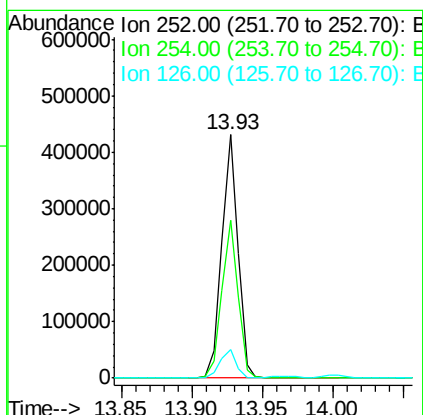
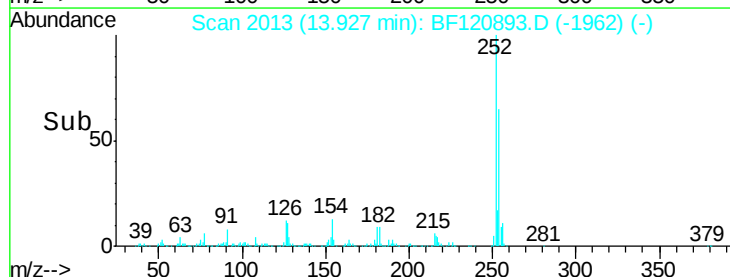
126 11.7 8.7 13.1

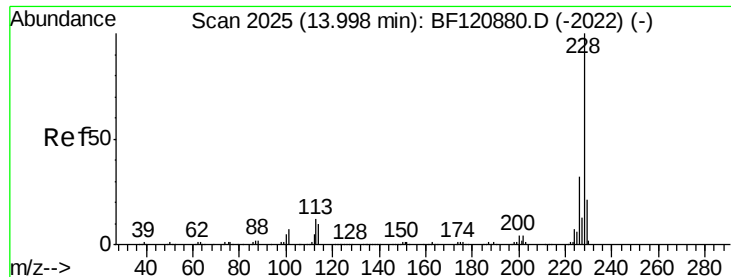


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 47.673 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

Instrument :

BNA_F

ClientSampleId :

SU-03-071420MSD

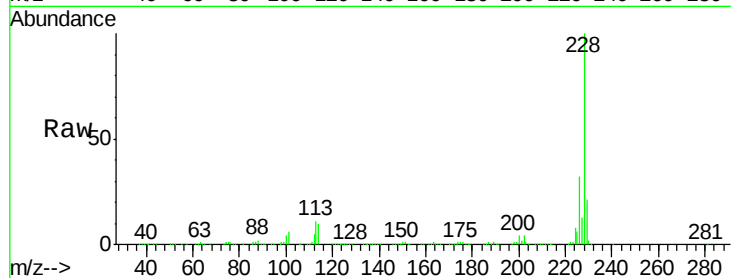
Tot Ion:228 Resp: 1576545

Ion Ratio Lower Upper

228 100

226 32.5 25.6 38.4

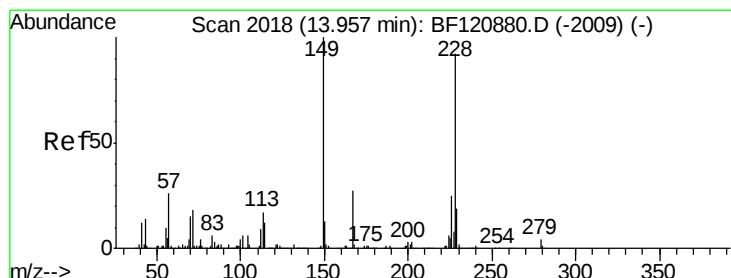
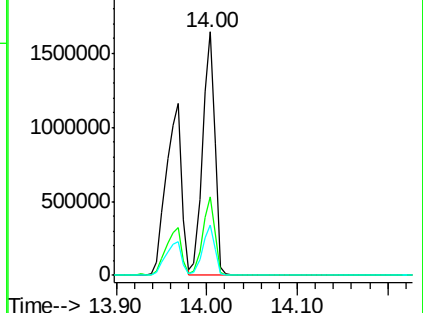
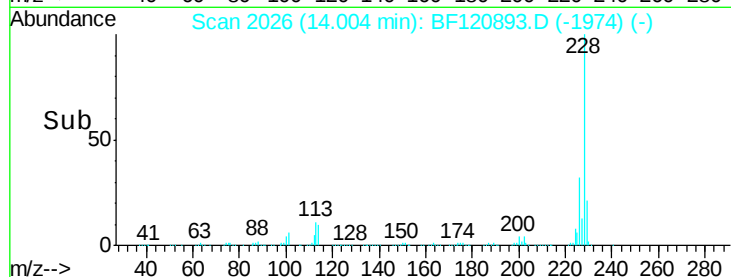
229 20.9 16.8 25.2



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: 45.215 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF120893.D

Acq: 16 Jul 2020 18:57

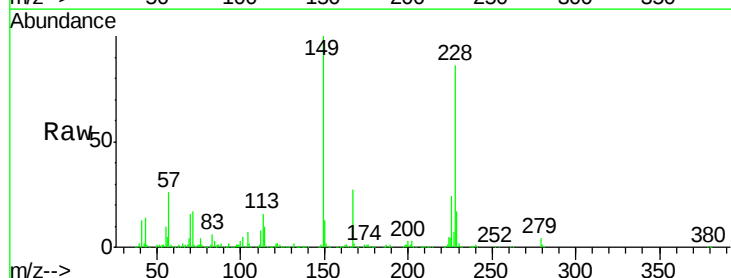
Tgt Ion:149 Resp: 913198

Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

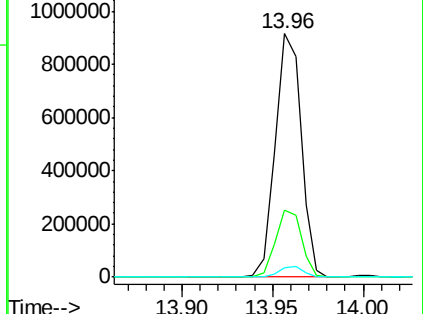
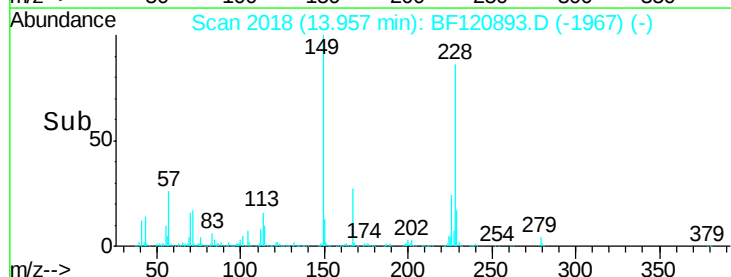
279 3.8 3.0 4.4



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

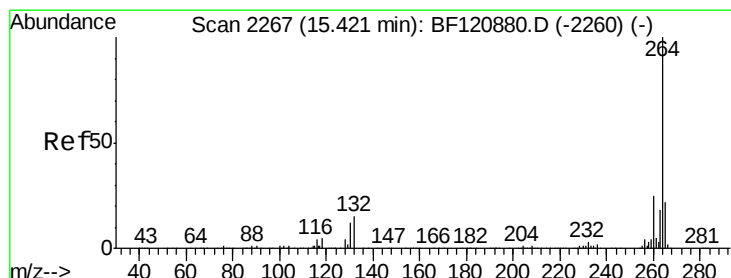
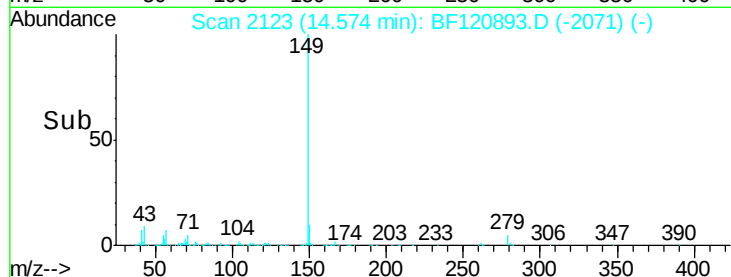
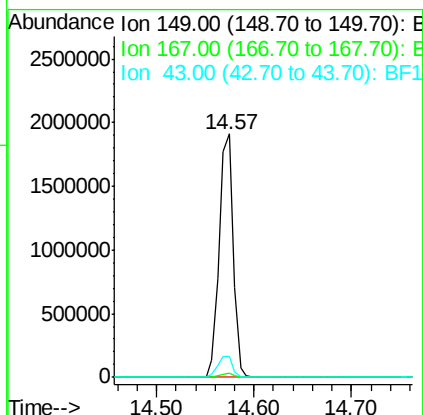
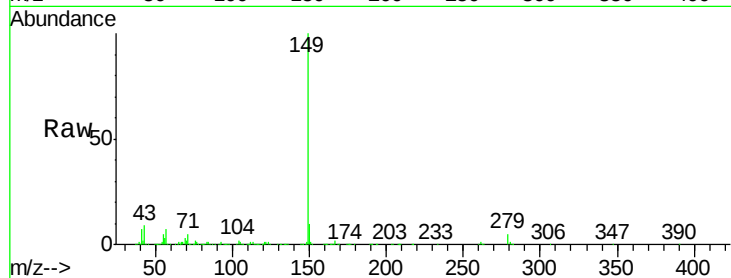




#85
Di-n-octyl phthalate
Concen: 47.828 ng
RT: 14.57 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

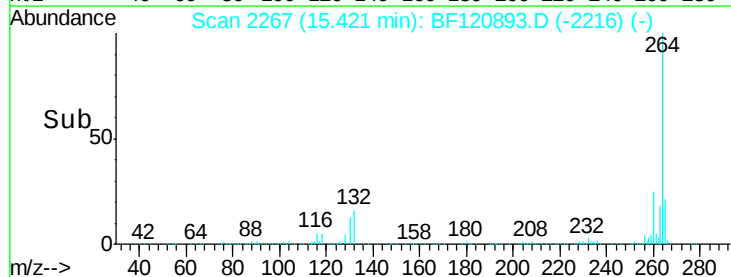
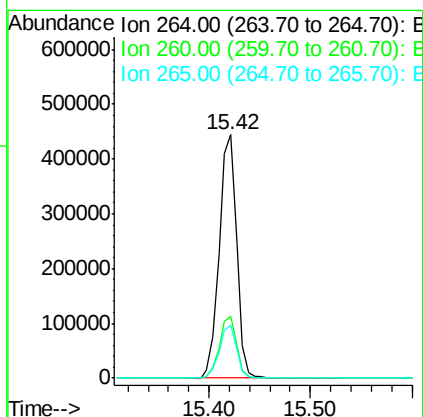
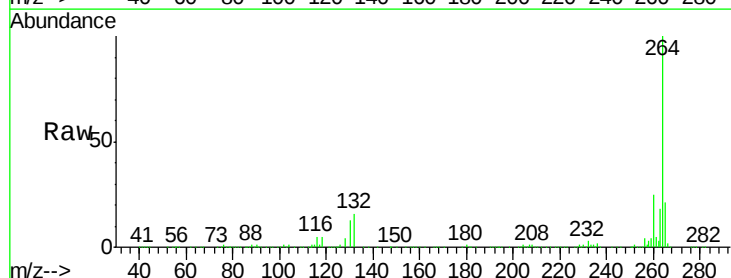
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

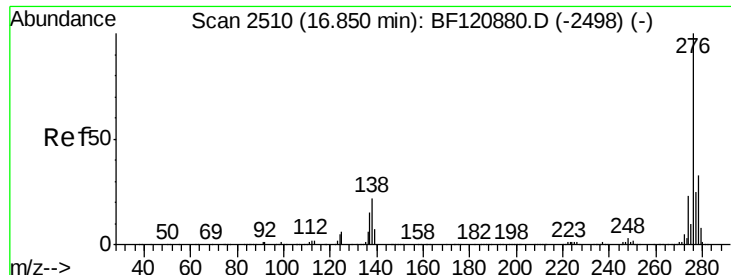
Tot Ion:149 Resp: 1921815
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:264 Resp: 529865
Ion Ratio Lower Upper
264 100
260 25.2 20.0 30.0
265 21.5 17.4 26.2

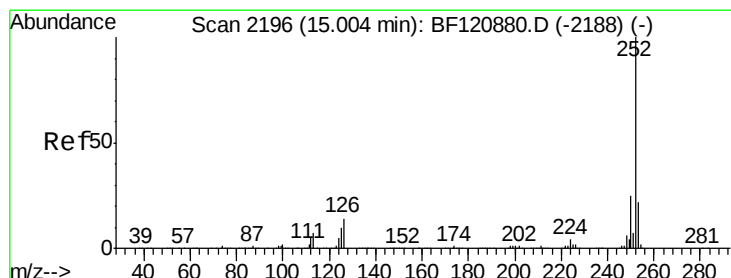
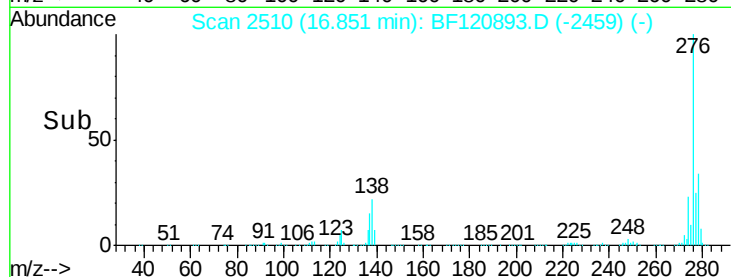
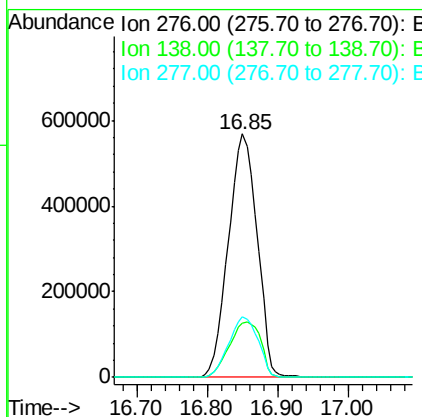
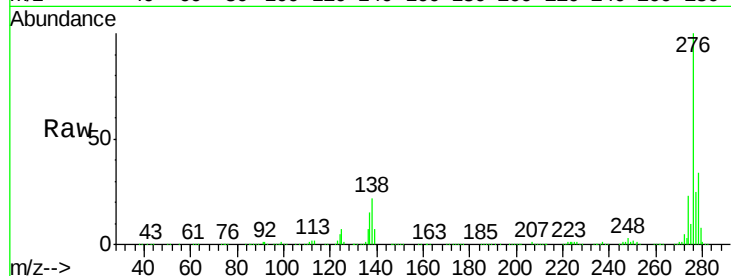




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.642 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

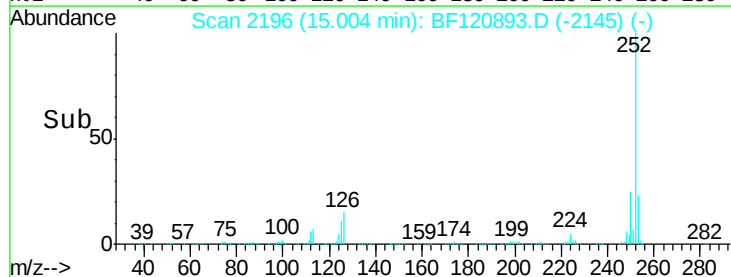
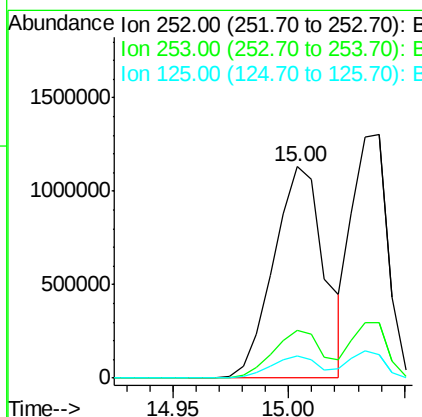
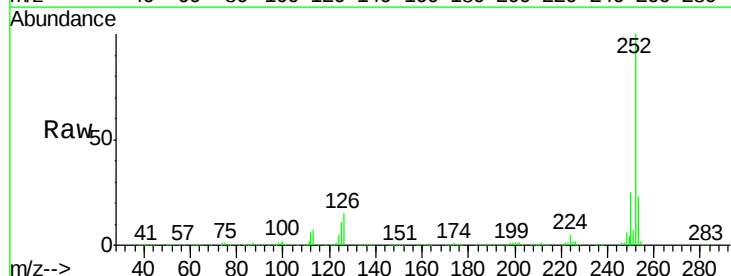
Instrument :
 BNA_F
 ClientSampleId :
 SU-03-071420MSD

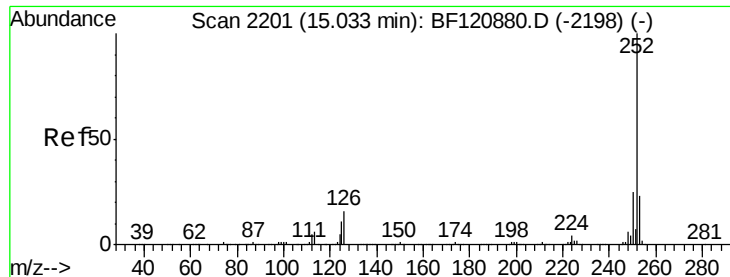
Tot Ion:276 Resp: 1608220
 Ion Ratio Lower Upper
 276 100
 138 25.0 19.8 29.8
 277 25.5 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 54.140 ng
 RT: 15.00 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: BF120893.D
 Acq: 16 Jul 2020 18:57

Tgt Ion:252 Resp: 1734008
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 10.7 8.3 12.5

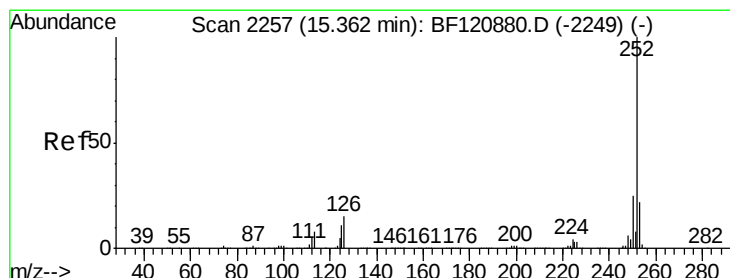
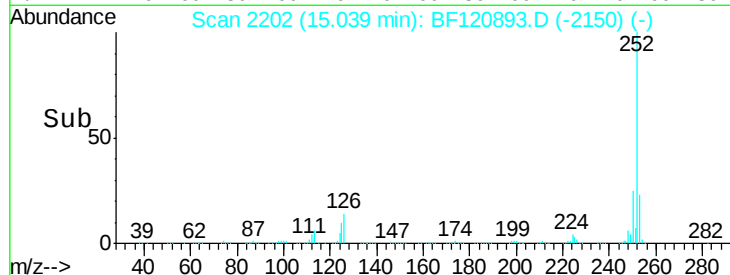
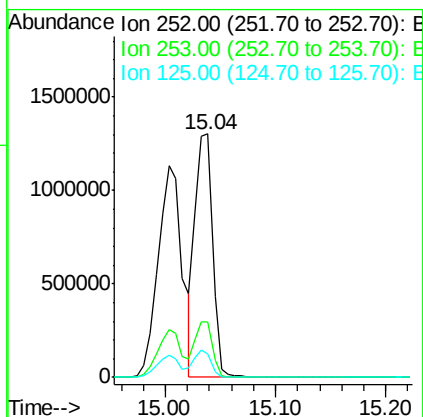
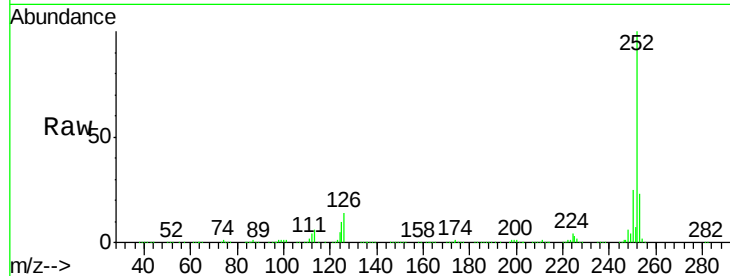




#89
Benzo(k)fluoranthene
Concen: 48.346 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

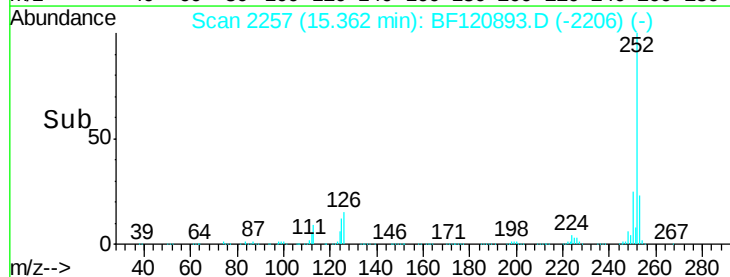
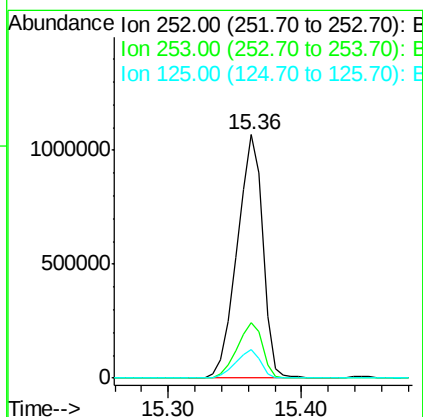
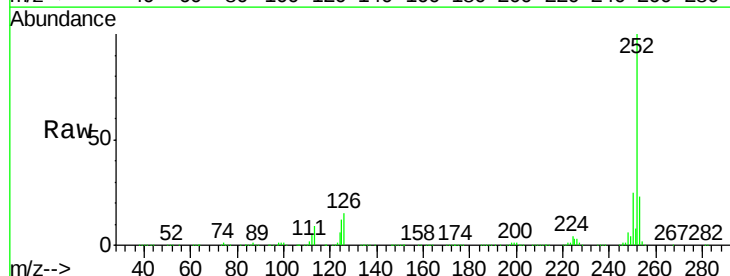
Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

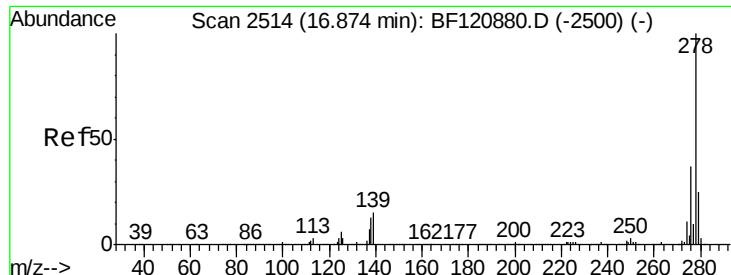
Tot Ion:252 Resp: 1412174
Ion Ratio Lower Upper
252 100
253 22.8 18.2 27.2
125 9.7 8.4 12.6



#90
Benzo(a)pyrene
Concen: 48.829 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:252 Resp: 1426853
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.6 8.9 13.3

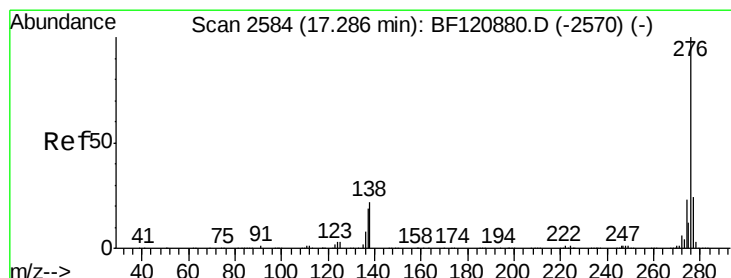
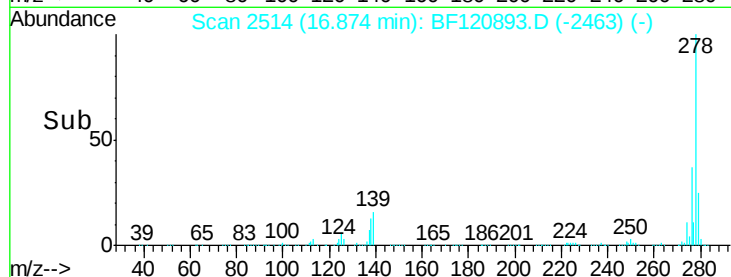
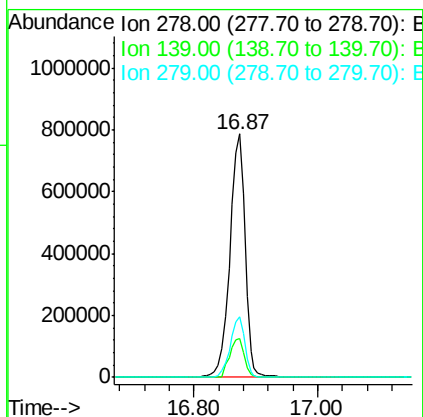
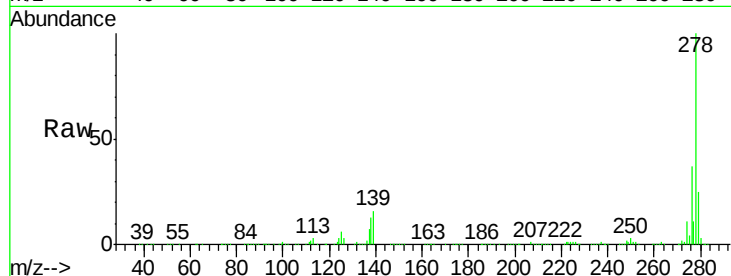




#91
Dibenzo(a,h)anthracene
Concen: 44.920 ng
RT: 16.87 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Instrument :
BNA_F
ClientSampleId :
SU-03-071420MSD

Tot Ion:278 Resp: 1352141
Ion Ratio Lower Upper
278 100
139 16.1 12.3 18.5
279 24.7 20.1 30.1



#92
Benzo(g,h,i)perylene
Concen: 43.156 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF120893.D
Acq: 16 Jul 2020 18:57

Tgt Ion:276 Resp: 1280859
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 22.2 17.5 26.3

