

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
 Data File : BF120671.D
 Acq On : 19 Jun 2020 18:48
 Operator : JU/CG
 Sample : L3020-18MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

Quant Time: Jun 20 00:46:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109885	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	354604	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	237773	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	546616	20.00	ng	0.00
76) Chrysene-d12	13.97	240	443220	20.00	ng	0.00
86) Perylene-d12	15.40	264	502120	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	589472	91.97	ng	0.00
7) Phenol-d6	6.45	99	769786	96.43	ng	0.00
23) Nitrobenzene-d5	7.37	82	418051	65.90	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	285477	103.27	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1098375	70.68	ng	0.00
79) Terphenyl-d14	12.91	244	1415344	70.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	154921	50.999	ng	99
3) Pyridine	3.26	79	425476	49.824	ng	98
4) n-Nitrosodimethylamine	3.22	42	194014	54.745	ng	98
6) Aniline	6.46	93	386586	37.840	ng	# 62
8) 2-Chlorophenol	6.59	128	357027	49.294	ng	99
9) Benzaldehyde	6.36	77	335467	66.440	ng	# 1
10) Phenol	6.46	94	449112	52.730	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	345473	48.697	ng	95
12) 1,3-Dichlorobenzene	6.75	146	351554	45.657	ng	97
13) 1,4-Dichlorobenzene	6.82	146	334537	44.035	ng	97
14) 1,2-Dichlorobenzene	6.97	146	352390	47.618	ng	97
15) Benzyl Alcohol	6.95	79	303347	53.584	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	393614	38.533	ng	79
17) 2-Methylphenol	7.06	107	249269	40.352	ng	# 87
18) Hexachloroethane	7.35	117	804818	287.503	ng	# 1
19) n-Nitroso-di-n-propylamine	7.22	70	374061	80.782	ng	97
20) 3+4-Methylphenols	7.22	107	365388	47.335	ng	94
22) Acetophenone	7.20	105	1369269	172.717	ng	# 59
24) Nitrobenzene	7.39	77	405023	61.009	ng	95
25) Isophorone	7.63	82	745324	60.313	ng	# 94
26) 2-Nitrophenol	7.70	139	197361	56.194	ng	# 88
27) 2,4-Dimethylphenol	7.75	122	266005	51.440	ng	89
28) bis(2-Chloroethoxy)methane	7.84	93	331658	46.299	ng	98
29) 2,4-Dichlorophenol	7.95	162	320779	61.025	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	342863	58.857	ng	99
31) Naphthalene	8.12	128	3279192	188.326	ng	96
32) Benzoic acid	7.87	122	136231	34.336	ng	91
33) 4-Chloroaniline	8.16	127	285145	35.678	ng	# 93
34) Hexachlorobutadiene	8.23	225	205541	60.531	ng	99
35) Caprolactam	8.51	113	87043	51.774	ng	# 1
36) 4-Chloro-3-methylphenol	8.65	107	290619	55.339	ng	95
37) 2-Methylnaphthalene	8.81	142	2280146	200.597	ng	# 96
38) 1-Methylnaphthalene	8.90	142	1442148	134.832	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	340518	47.962	ng	99

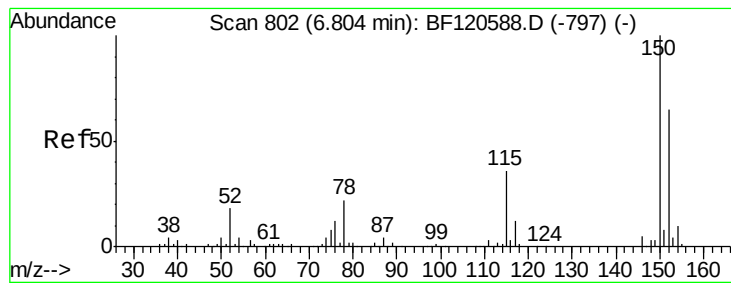
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	340823	85.667	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	219717	43.627	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	257914	45.139	nq	98
46) 1,1'-Biphenyl	9.26	154	991578	55.849	nq	99
47) 2-Chloronaphthalene	9.29	162	733458	50.518	nq	99
48) 2-Nitroaniline	9.38	65	228504	50.112	nq	99
49) Acenaphthylene	9.70	152	1023959	45.698	nq	99
50) Dimethylphthalate	9.56	163	1038996	60.673	nq	99
51) 2,6-Dinitrotoluene	9.63	165	179488	46.249	nq	87
52) Acenaphthene	9.87	154	642151	48.052	nq	99
53) 3-Nitroaniline	9.79	138	128015	27.463	nq	95
54) 2,4-Dinitrophenol	9.90	184	186461	81.827	nq	96
55) Dibenzofuran	10.05	168	945020	46.120	nq	98
56) 4-Nitrophenol	9.96	139	328866	93.676	nq	99
57) 2,4-Dinitrotoluene	10.03	165	232059	45.063	nq	92
58) Fluorene	10.39	166	719962	45.579	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	207300	46.116	nq	98
60) Diethylphthalate	10.26	149	772973	45.831	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	349600	42.857	nq	99
62) 4-Nitroaniline	10.41	138	168675	36.450	nq	95
63) Azobenzene	10.54	77	668258	43.650	nq	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	123146	37.546	nq	95
66) n-Nitrosodiphenylamine	10.50	169	745110	44.388	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	274054	44.176	nq	99
68) Hexachlorobenzene	10.93	284	305730	45.837	nq	98
69) Atrazine	11.03	200	222801	42.892	nq	99
70) Pentachlorophenol	11.13	266	323794	87.318	nq	99
71) Phenanthrene	11.35	178	1259943	46.369	nq	100
72) Anthracene	11.40	178	1302192	47.545	nq	99
73) Carbazole	11.56	167	1209456	44.609	nq	99
74) Di-n-butylphthalate	11.89	149	1467750	48.153	nq	100
75) Fluoranthene	12.54	202	1417263	45.620	nq	98
77) Benzidine	12.66	184	653969	43.629	nq	99
78) Pyrene	12.77	202	1439388	45.843	nq	99
80) Butylbenzylphthalate	13.39	149	647901	46.471	nq	94
81) Benzo(a)anthracene	13.96	228	1247168	46.836	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	422253	41.515	nq	99
83) Chrysene	13.99	228	1266091	46.353	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	855250	50.263	nq	98
85) Di-n-octyl phthalate	14.56	149	1584974	48.809	nq	100
87) Indeno(1,2,3-cd)pyrene	16.84	276	1493681	48.904	nq	99
88) Benzo(b)fluoranthene	14.99	252	1463228	48.921	nq	100
89) Benzo(k)fluoranthene	15.03	252	1176483	44.452	nq	98
90) Benzo(a)pyrene	15.35	252	1237110	46.215	nq	100
91) Dibenzo(a,h)anthracene	16.86	278	1218107	49.734	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1220492	49.438	nq	99

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

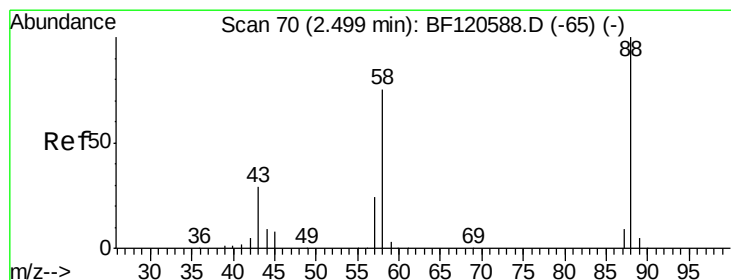
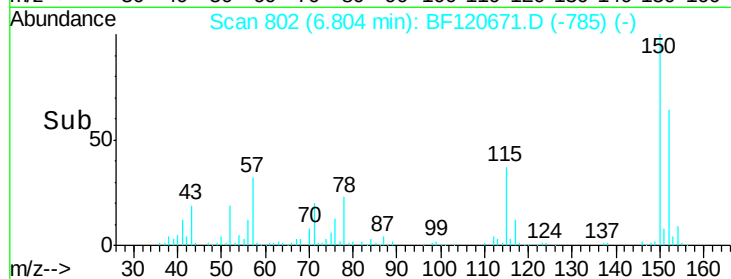
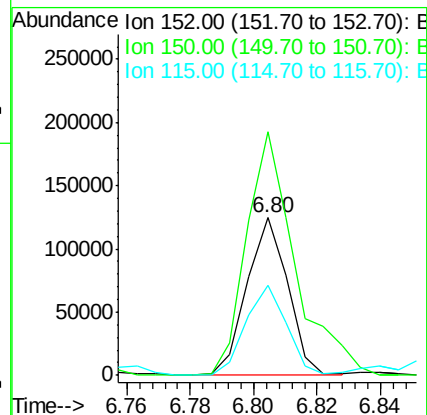
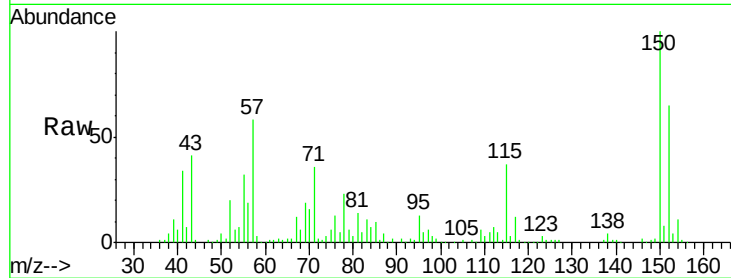


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
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MW-27(16.5-18.5)MS

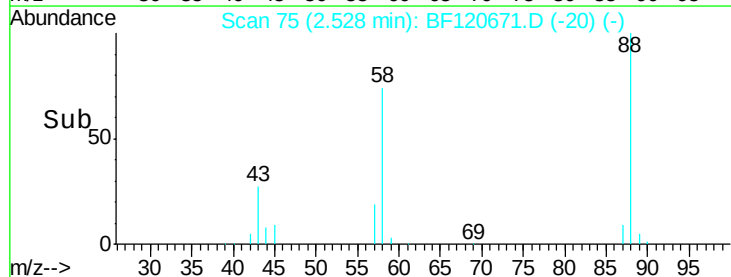
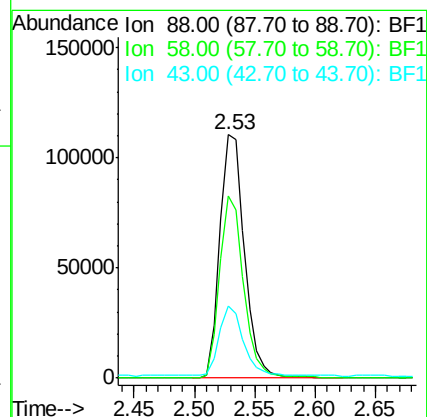
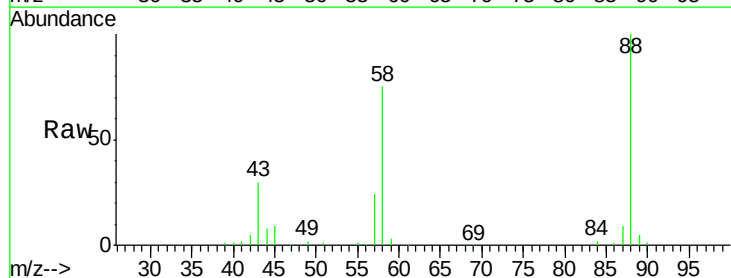
Tot Ion:152 Resp: 109885
Ion Ratio Lower Upper
152 100
150 154.5 123.2 184.8
115 57.3 43.9 65.9

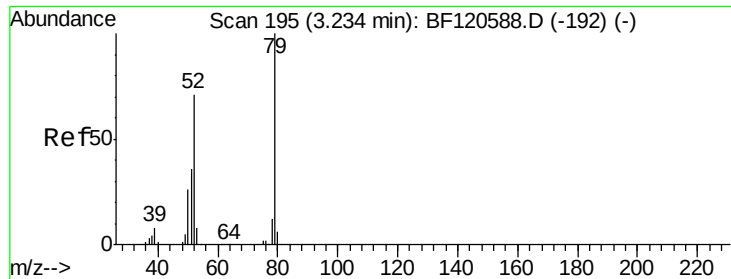


#2

1,4-Dioxane
Concen: 50.999 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion: 88 Resp: 154921
Ion Ratio Lower Upper
88 100
58 73.6 59.6 89.4
43 28.0 23.1 34.7

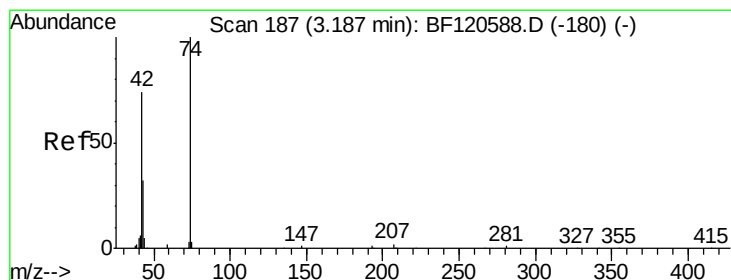
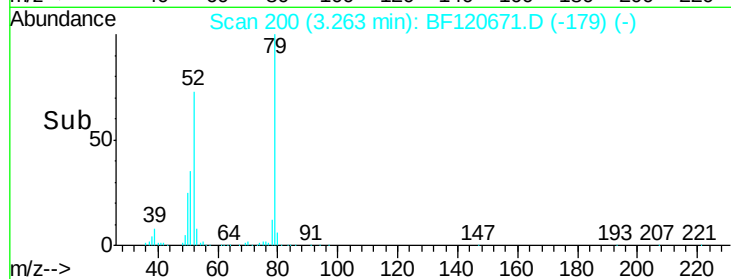
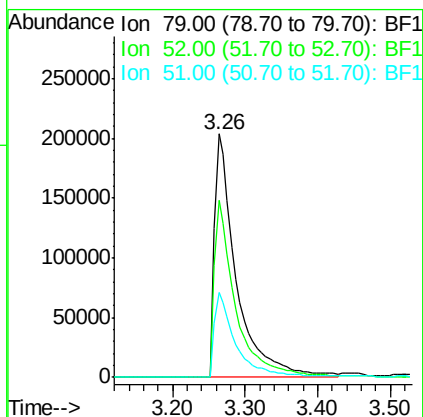
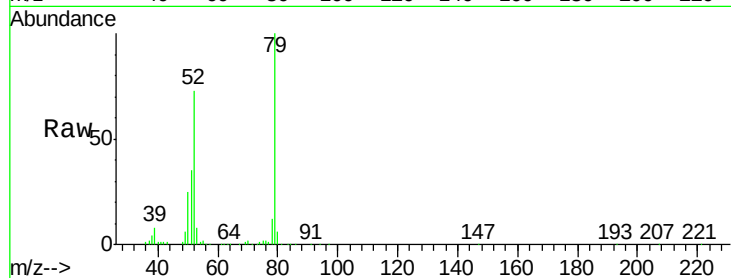




#3
Pvrindine
Concen: 49.824 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

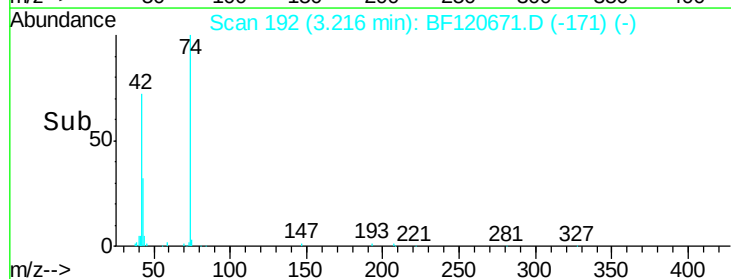
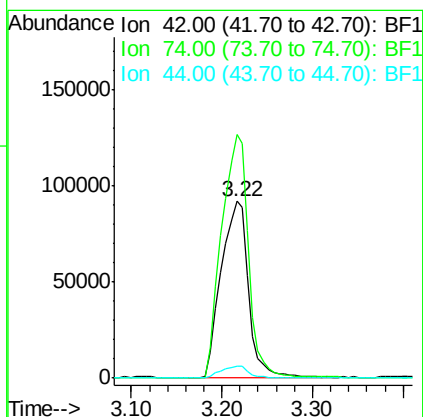
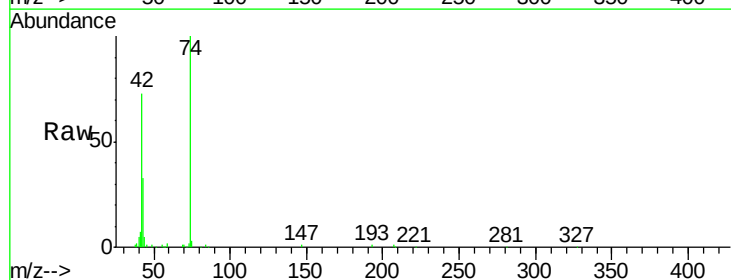
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

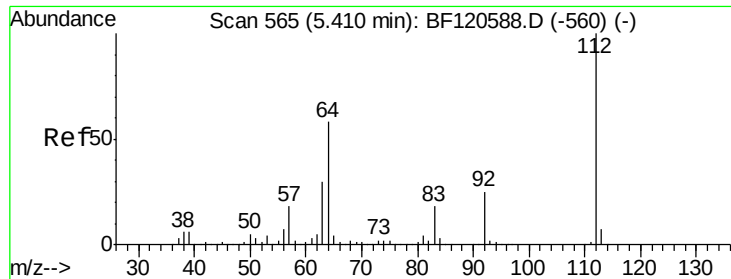
Tot Ion: 79 Resp: 425476
Ion Ratio Lower Upper
79 100
52 72.8 57.0 85.6
51 34.7 28.5 42.7



#4
n-Nitrosodimethylamine
Concen: 54.745 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion: 42 Resp: 194014
Ion Ratio Lower Upper
42 100
74 137.7 107.8 161.6
44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 91.971 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

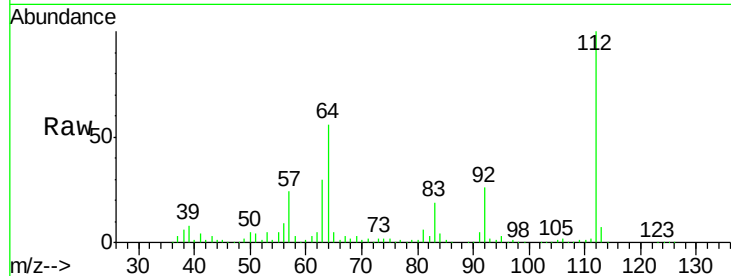
Tot Ion:112 Resp: 589472

Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

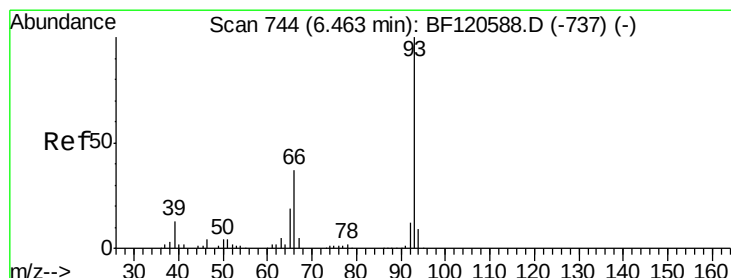
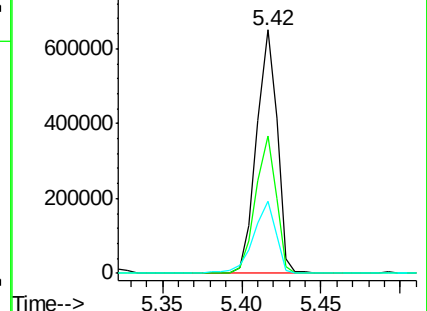
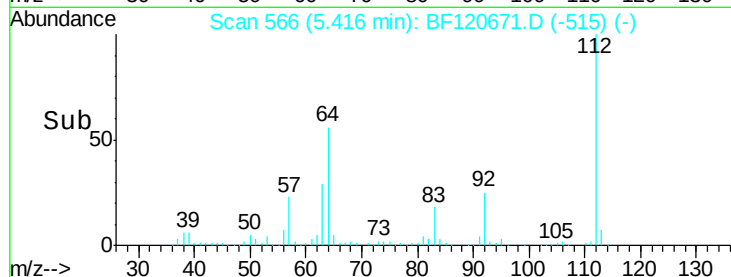
63 29.6 23.7 35.5



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: 37.840 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

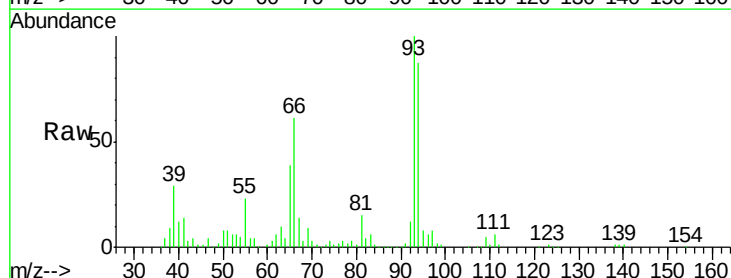
Tgt Ion: 93 Resp: 386586

Ion Ratio Lower Upper

93 100

66 60.8 30.9 46.3#

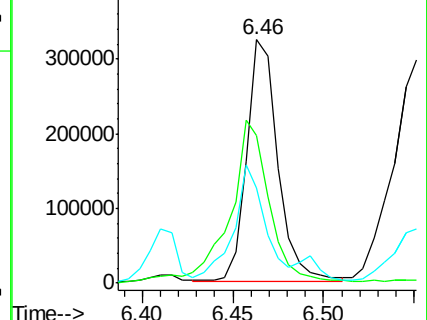
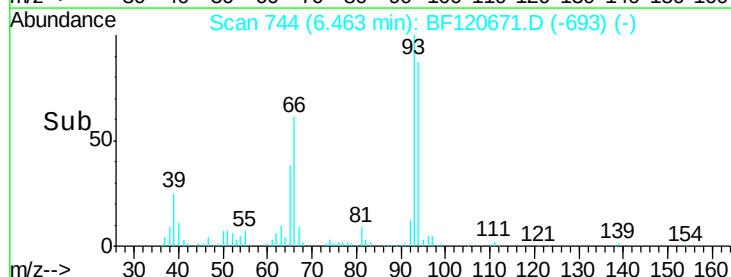
65 38.8 15.9 23.9#

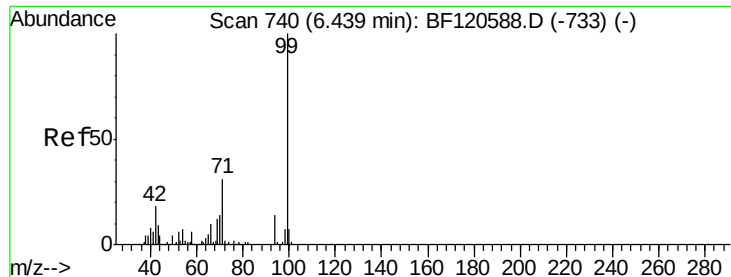


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 96.430 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

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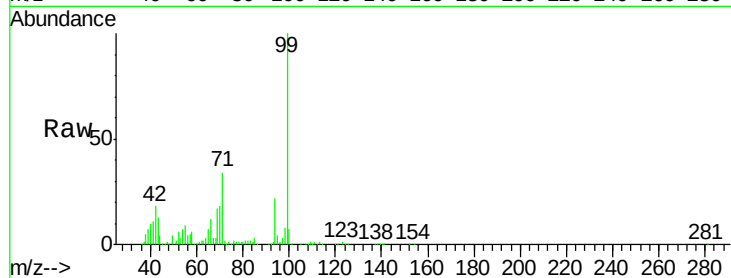
Tot Ion: 99 Resp: 769786

Ion Ratio Lower Upper

99 100

42 18.2 14.0 21.0

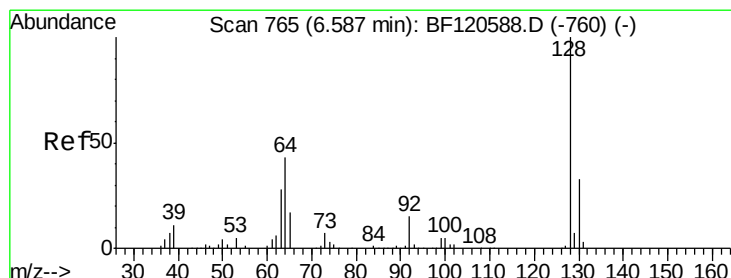
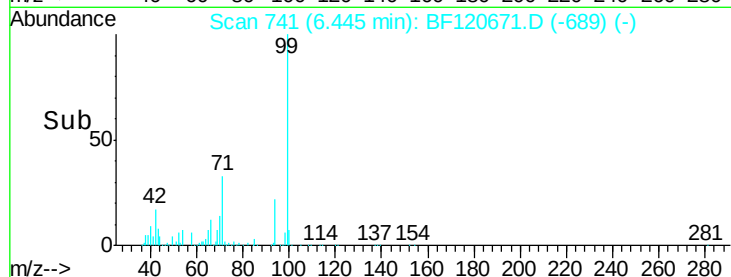
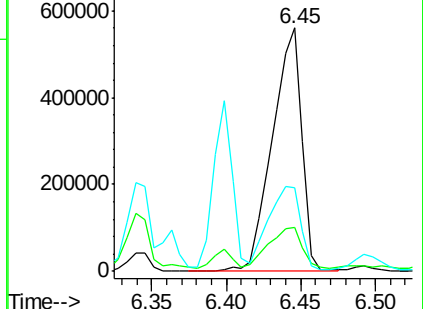
71 34.2 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 49.294 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

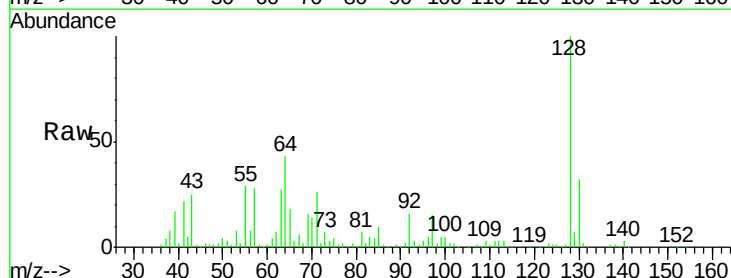
Tgt Ion: 128 Resp: 357027

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

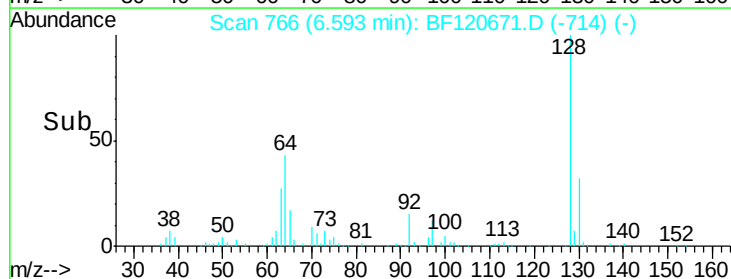
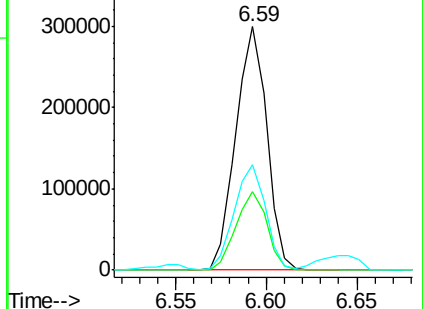
64 43.3 24.3 64.3

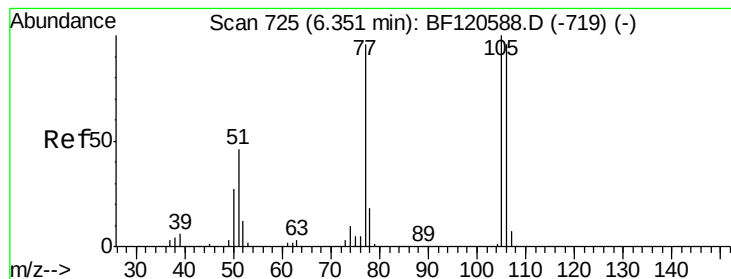


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 66.440 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF120671.D

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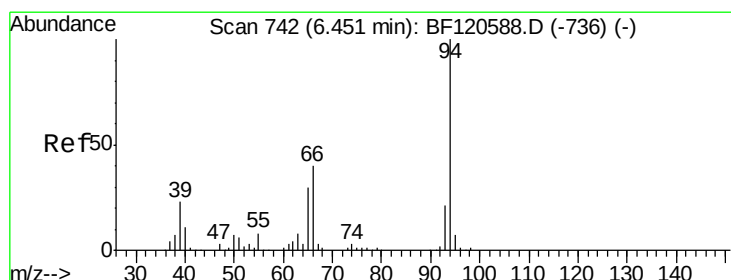
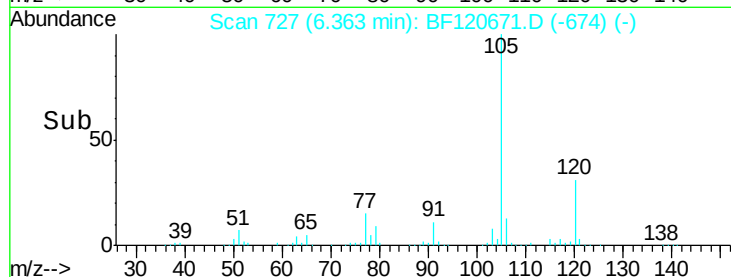
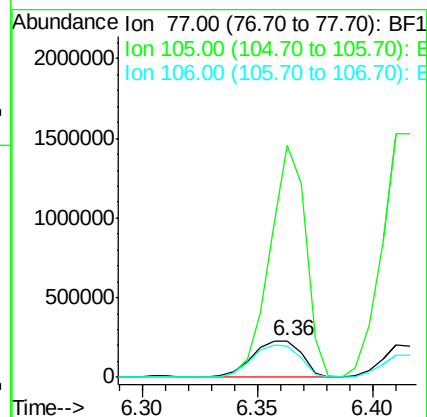
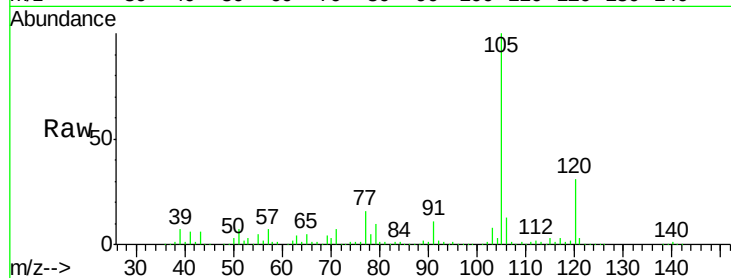
Tot Ion: 77 Resp: 335467

Ion Ratio Lower Upper

77 100

105 633.0 83.8 123.8#

106 83.2 79.3 119.3



#10

Phenol

Concen: 52.730 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

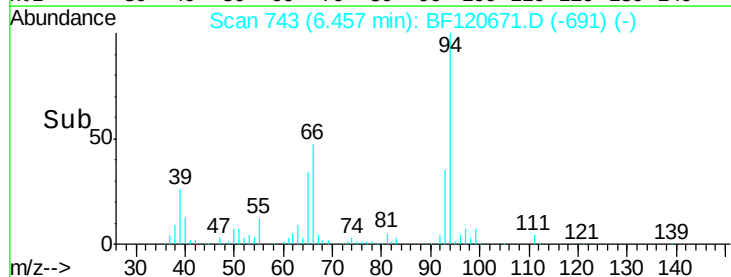
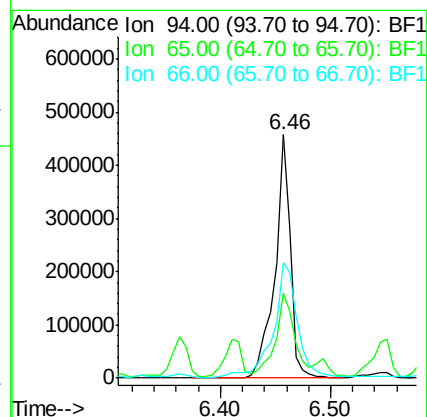
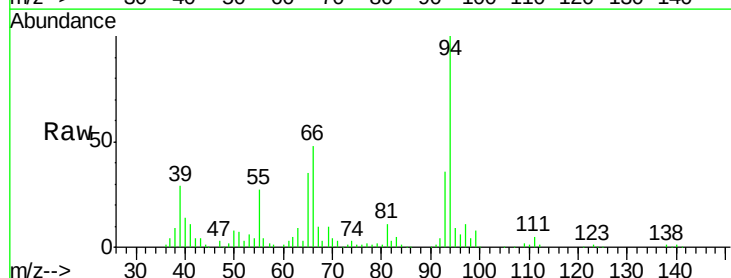
Tgt Ion: 94 Resp: 449112

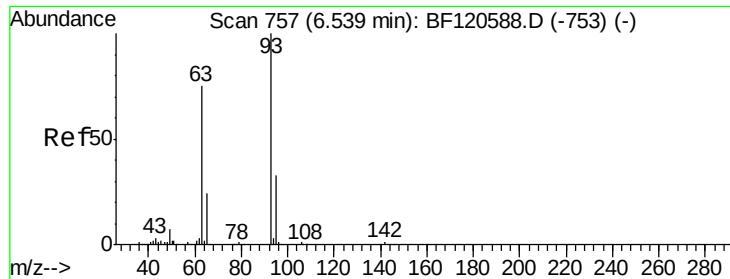
Ion Ratio Lower Upper

94 100

65 34.7 9.9 49.9

66 47.6 20.1 60.1

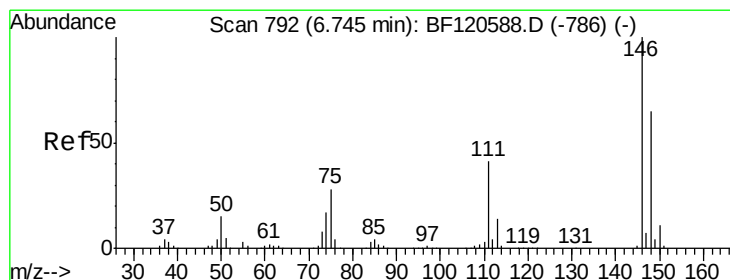
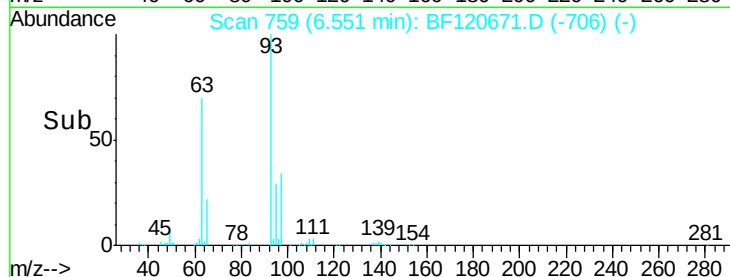
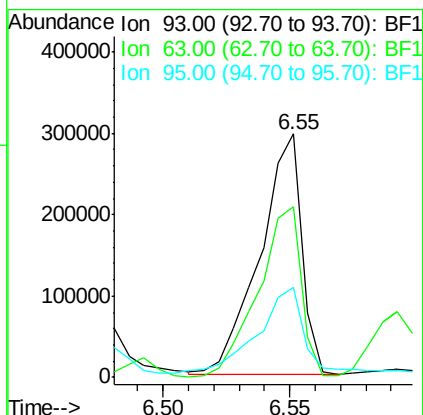
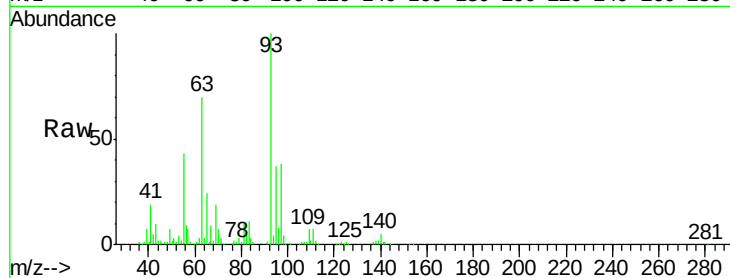




#11
bis(2-Chloroethyl)ether
Concen: 48.697 ng
RT: 6.55 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

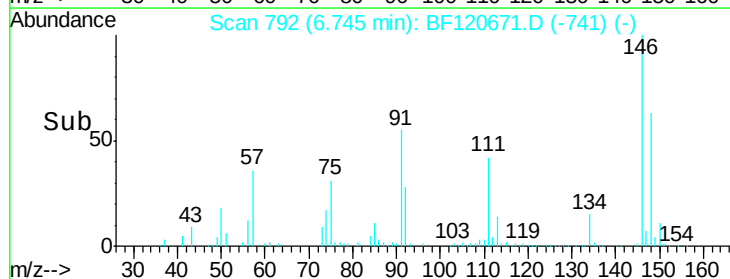
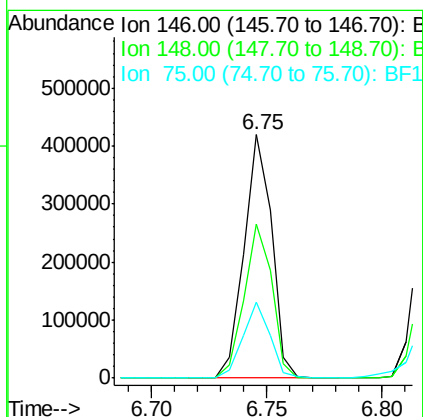
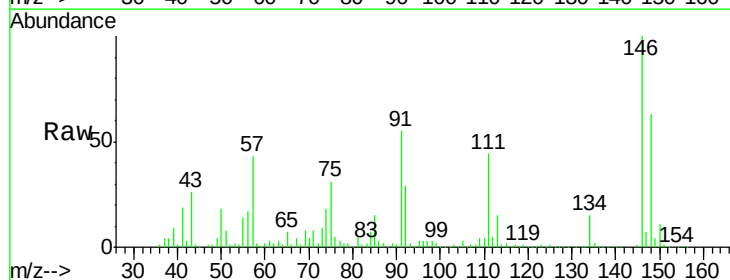
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

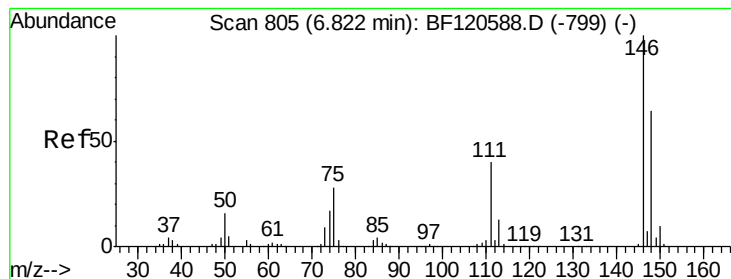
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.4	54.4	94.4
95	36.8	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 45.657 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.6
75	31.0	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 44.035 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

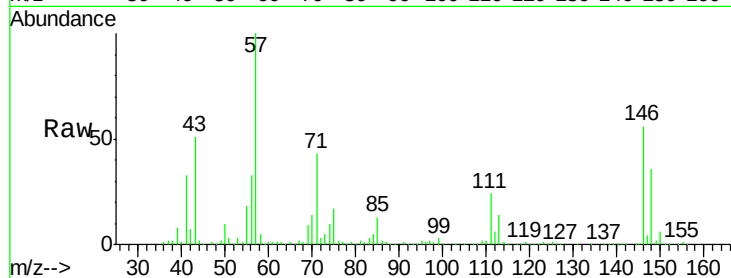
Tot Ion:146 Resp: 334537

Ion Ratio Lower Upper

146 100

148 63.3 51.5 77.3

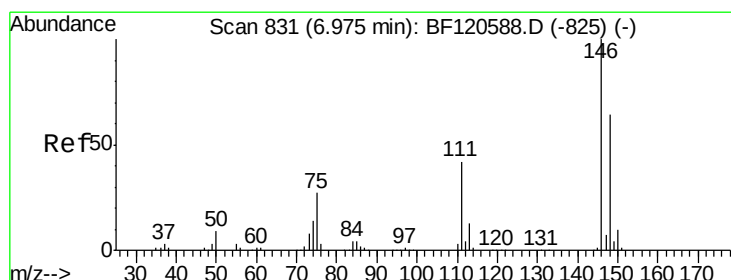
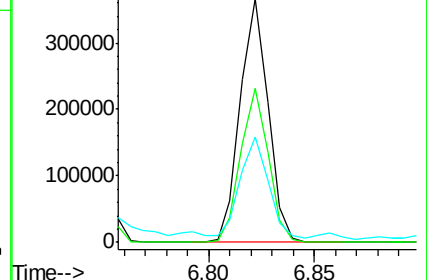
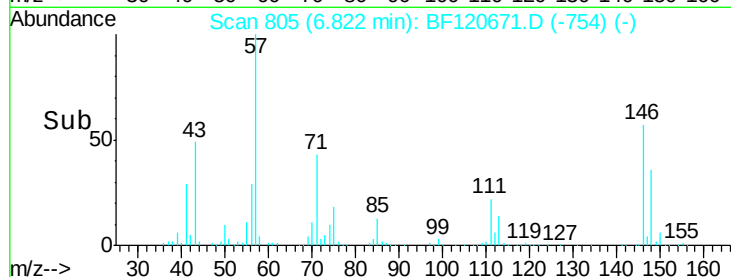
111 43.3 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.618 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

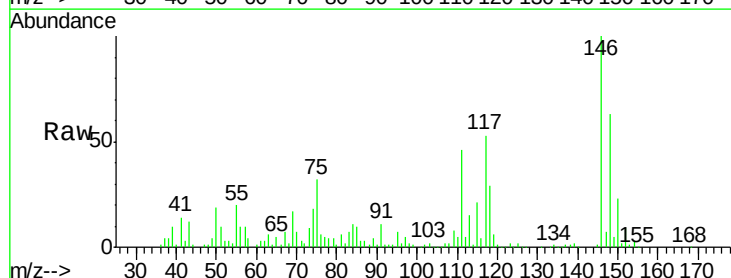
Tgt Ion:146 Resp: 352390

Ion Ratio Lower Upper

146 100

148 63.3 50.8 76.2

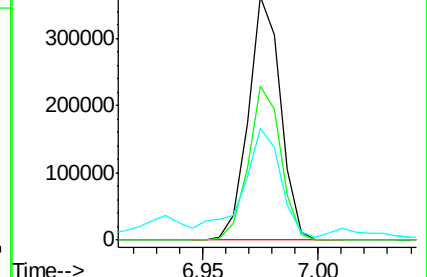
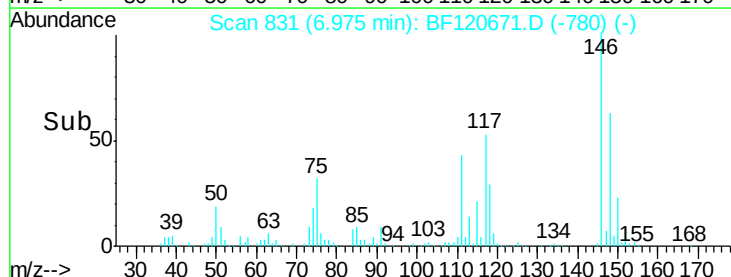
111 45.7 33.6 50.4

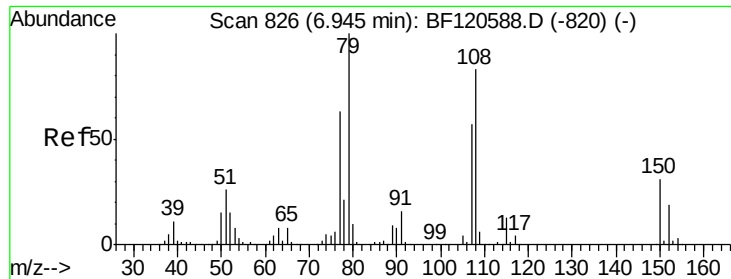


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 53.584 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

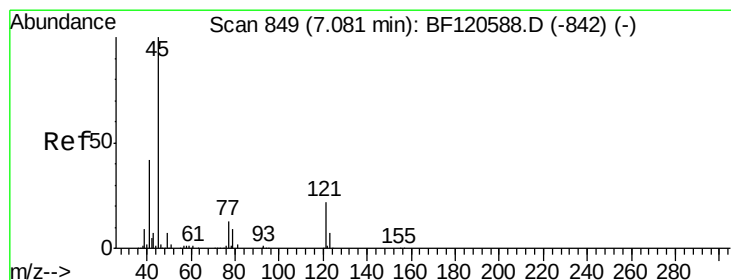
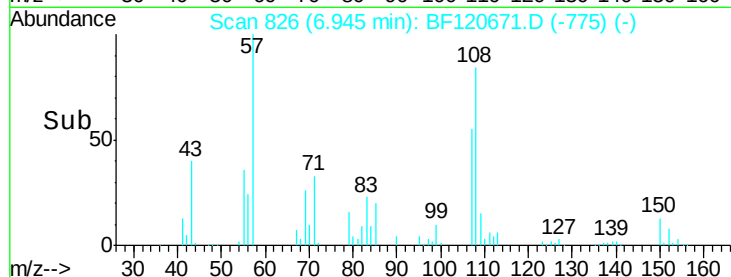
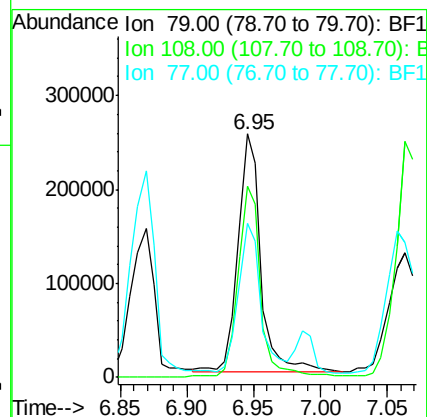
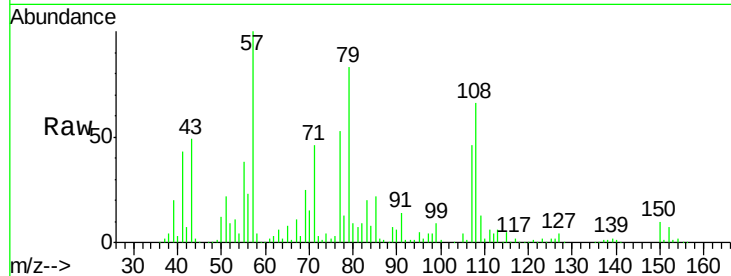
Tot Ion: 79 Resp: 303347

Ion Ratio Lower Upper

79 100

108 78.8 66.8 100.2

77 63.5 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.533 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

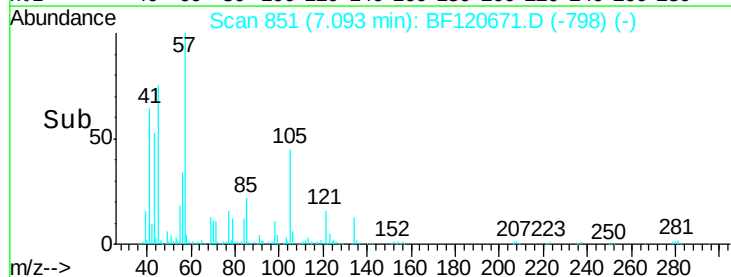
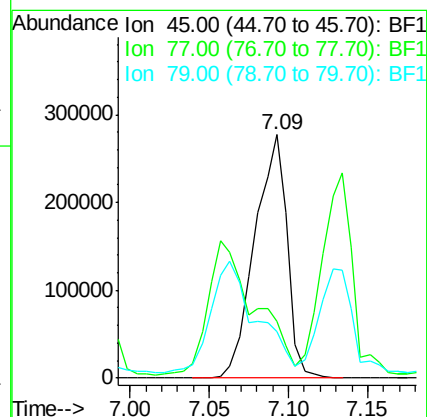
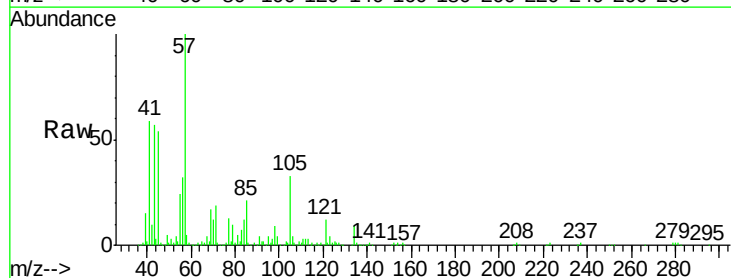
Tgt Ion: 45 Resp: 393614

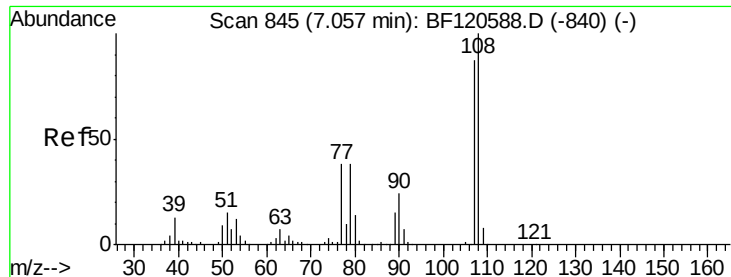
Ion Ratio Lower Upper

45 100

77 23.1 0.0 34.2

79 18.9 0.0 30.9

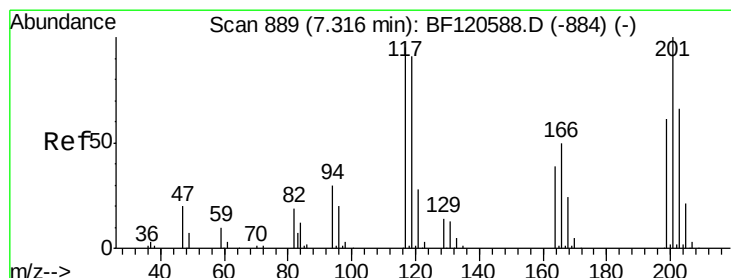
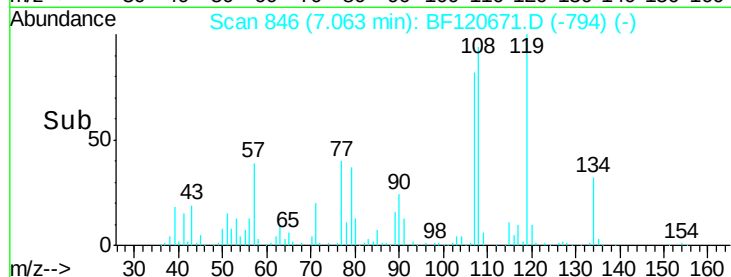
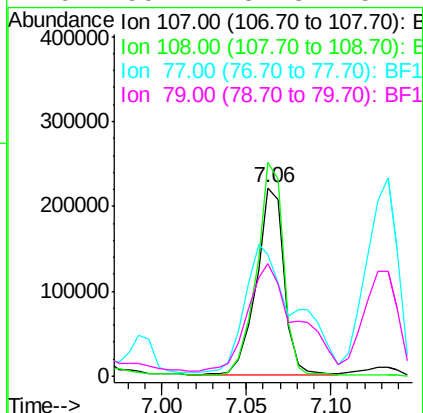
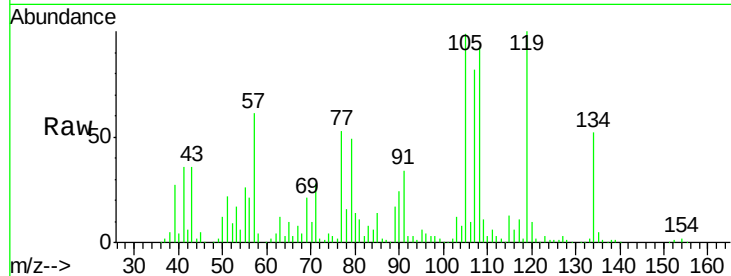




#17
2-Methylphenol
Concen: 40.352 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

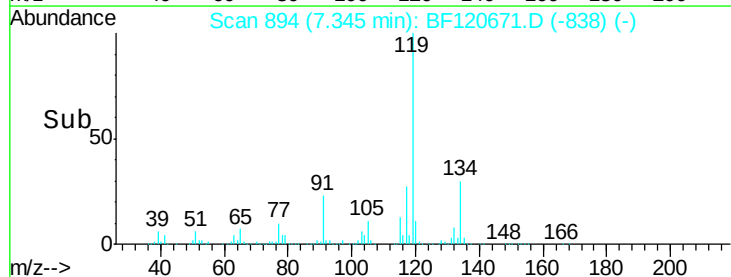
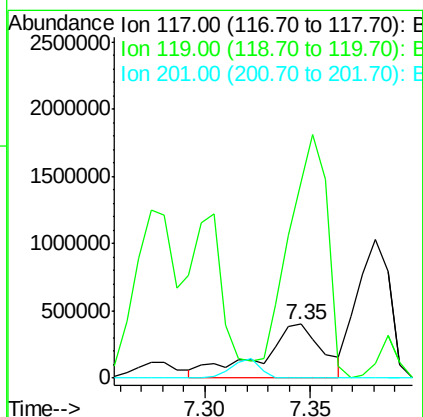
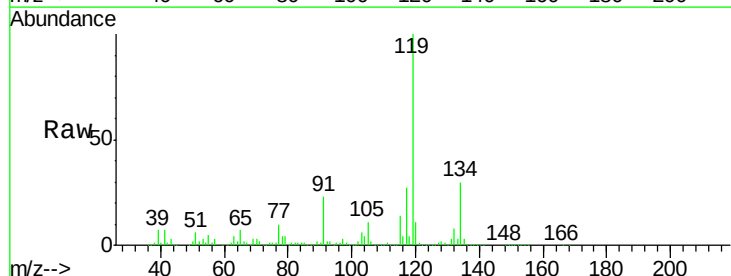
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

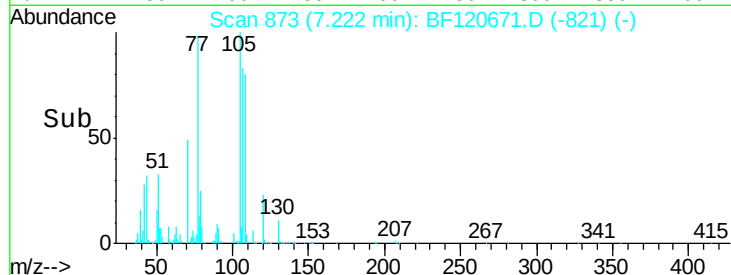
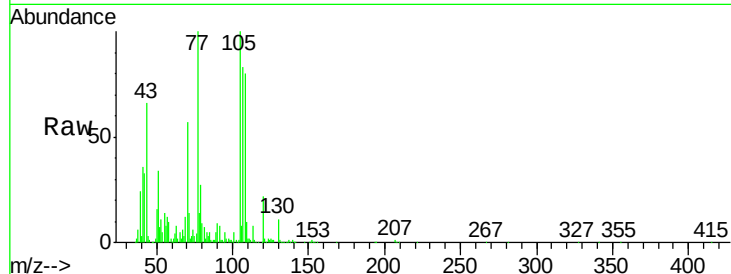
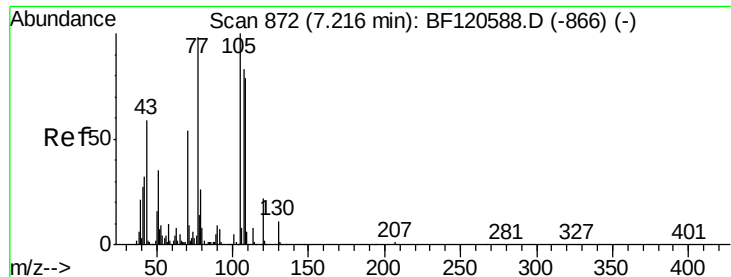
Tot Ion:107 Resp: 249269
Ion Ratio Lower Upper
107 100
108 113.4 91.9 137.9
77 64.9 35.4 53.2#
79 59.7 34.8 52.2#



#18
Hexachloroethane
Concen: 287.503 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.03 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:117 Resp: 804818
Ion Ratio Lower Upper
117 100
119 366.1 76.9 115.3#
201 0.0 84.6 127.0#

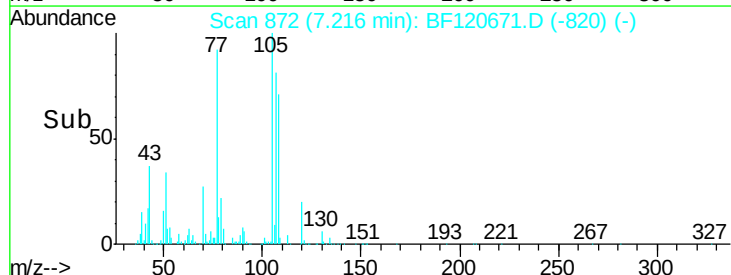
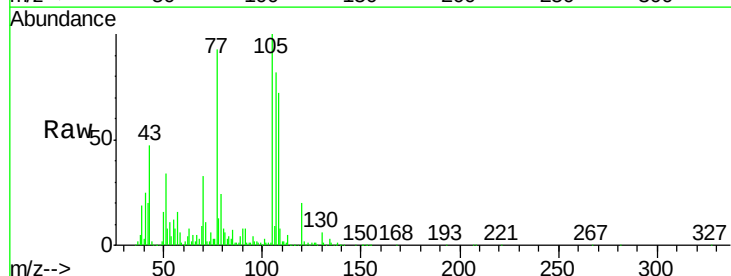
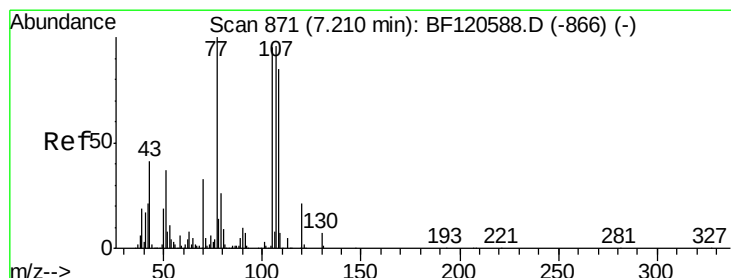
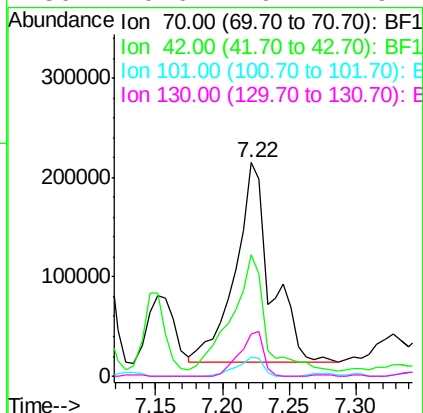




#19
n-Nitroso-di-n-propylamine
Concen: 80.782 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

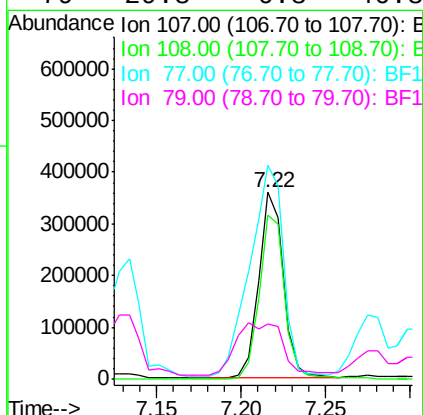
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

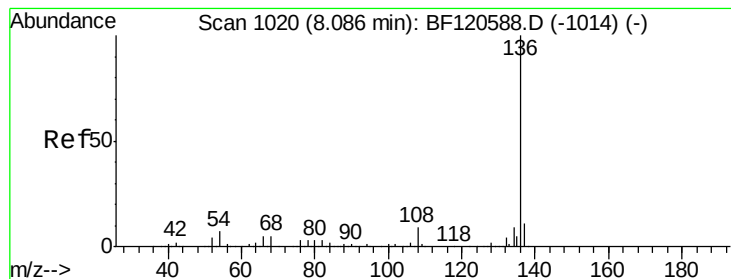
Tot Ion:	70	Resp:	374061
Ion	Ratio	Lower	Upper
70	100		
42	56.8	47.7	71.5
101	9.0	7.6	11.4
130	19.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 47.335 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:	107	Resp:	365388
Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.7	108.7
77	114.6	84.2	124.2
79	29.8	6.8	46.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:136 Resp: 354604

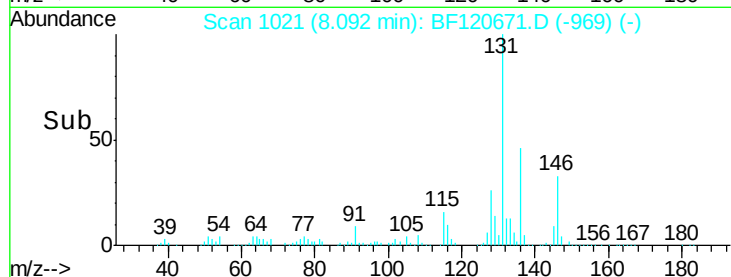
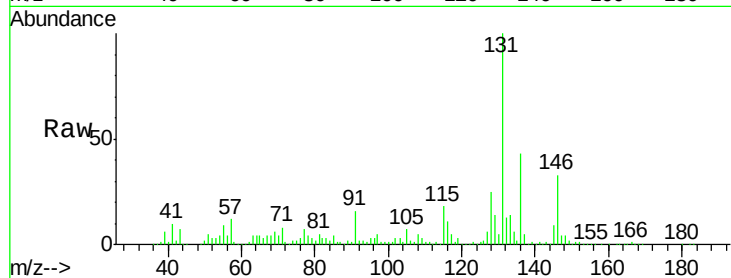
Ion Ratio Lower Upper

136 100

137 12.1 8.6 13.0

54 9.9 5.8 8.6#

68 8.1 4.4 6.6#

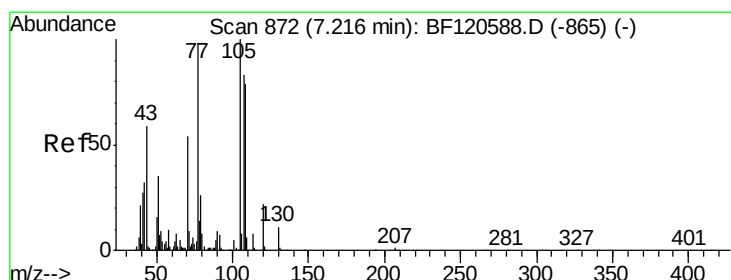
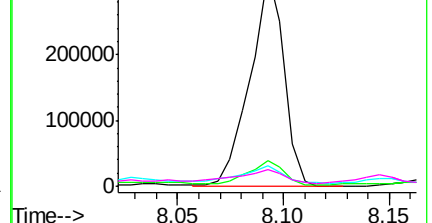


Abundance Ion 136.00 (135.70 to 136.70): E

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: 172.717 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion:105 Resp: 1369269

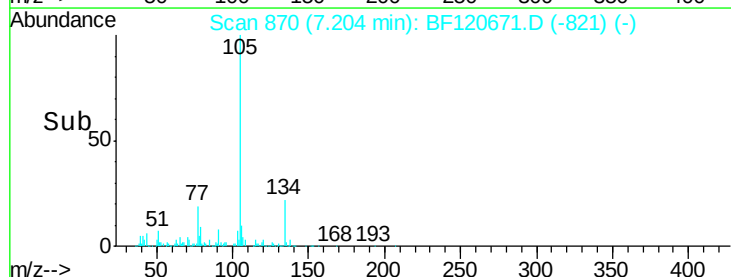
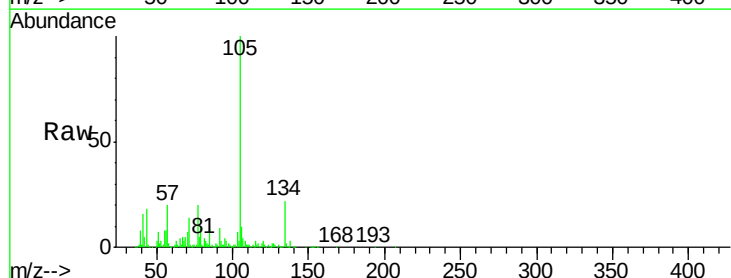
Ion Ratio Lower Upper

105 100

71 13.6 7.2 10.8#

51 7.3 27.8 41.8#

120 2.6 18.0 27.0#

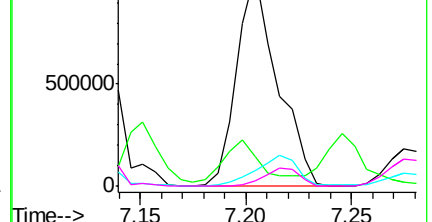


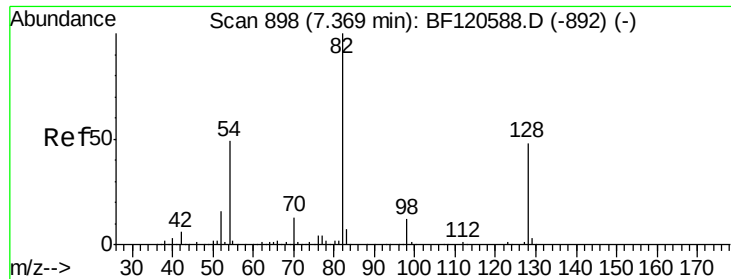
Abundance Ion 105.00 (104.70 to 105.70): E

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

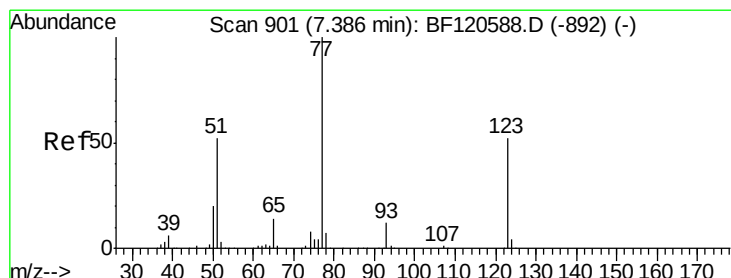
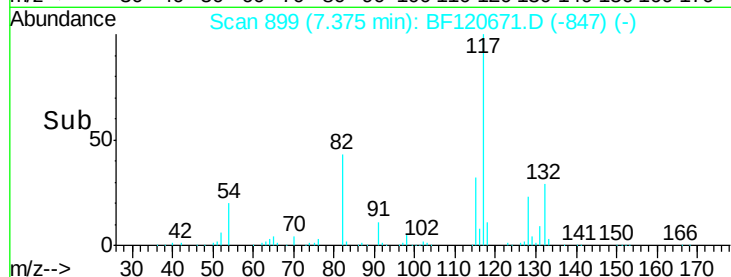
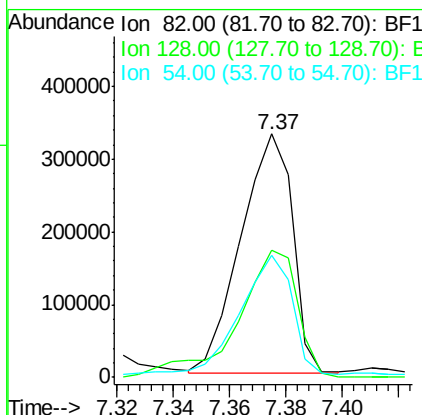
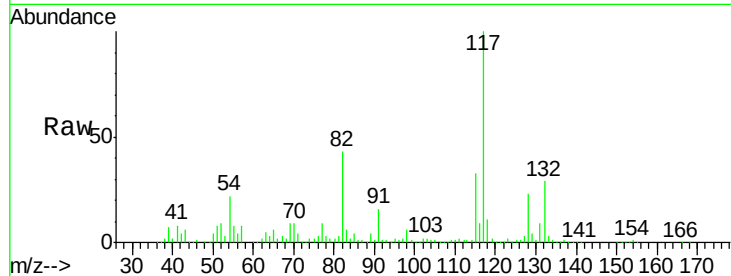




#23
Nitrobenzene-d5
Concen: 65.898 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

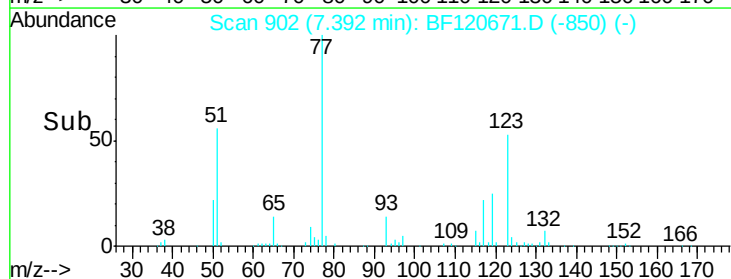
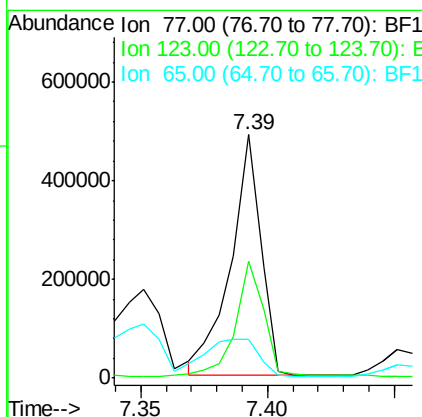
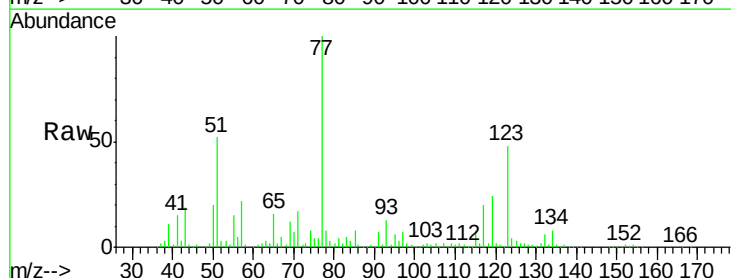
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

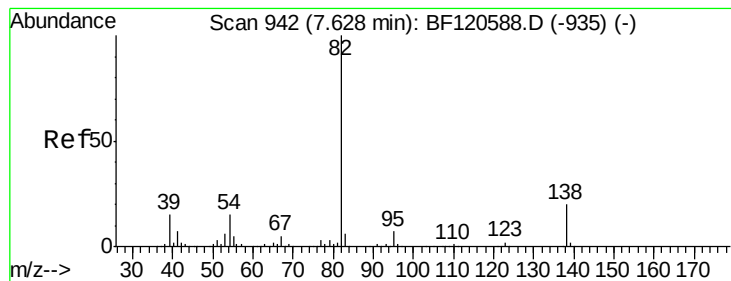
Tot Ion	82	Resp	418051
Ion Ratio	100	Lower	Upper
128	52.3	38.0	57.0
54	49.9	38.8	58.2



#24
Nitrobenzene
Concen: 61.009 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	77	Resp	405023
Ion Ratio	100	Lower	Upper
123	48.2	41.4	62.0
65	15.8	11.0	16.4





#25

Isophorone

Concen: 60.313 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

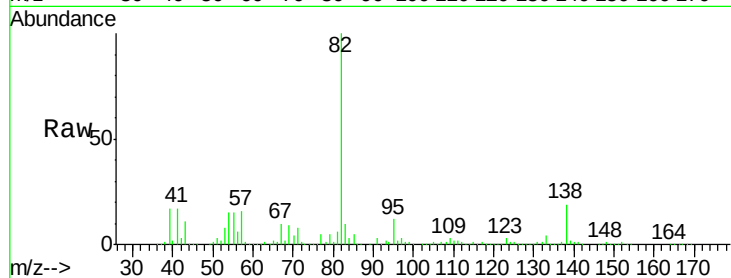
Tot Ion: 82 Resp: 745324

Ion Ratio Lower Upper

82 100

95 11.9 5.7 8.5#

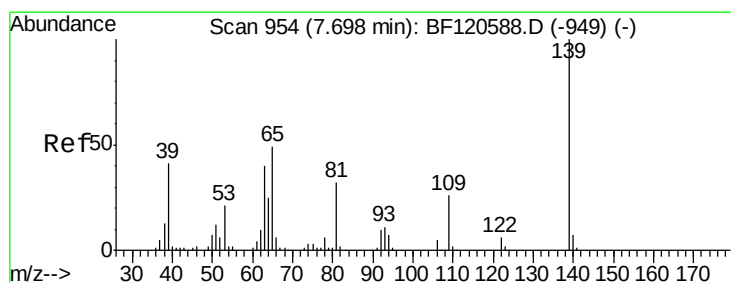
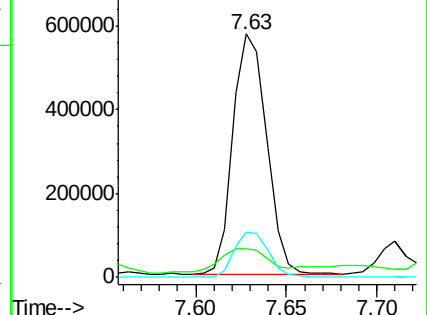
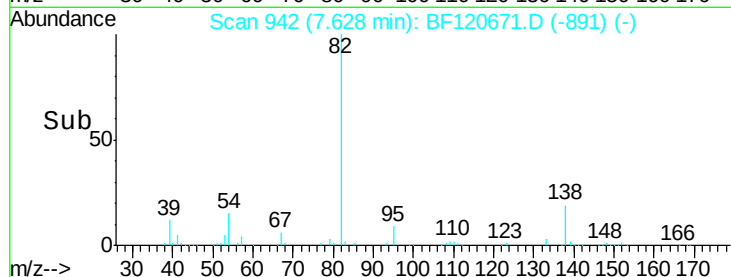
138 18.6 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 56.194 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

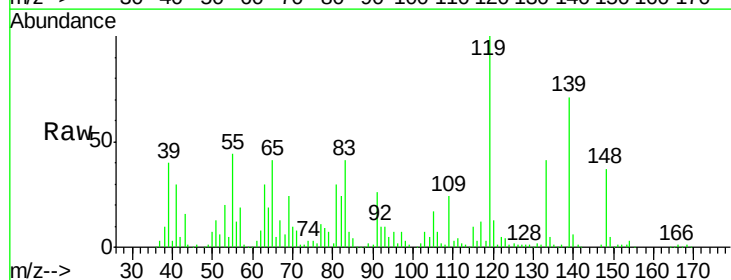
Tgt Ion: 139 Resp: 197361

Ion Ratio Lower Upper

139 100

109 33.0 21.1 31.7#

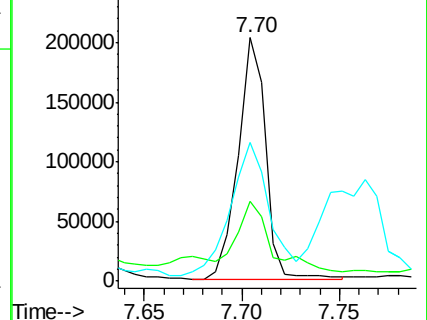
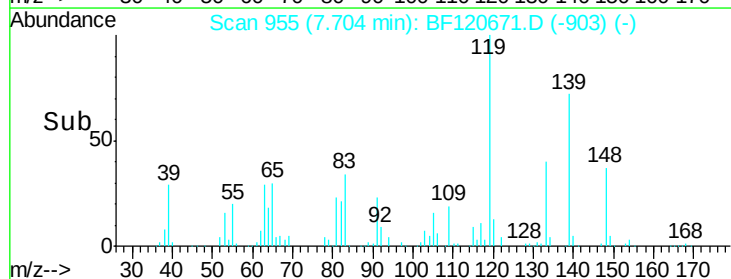
65 56.8 39.4 59.0

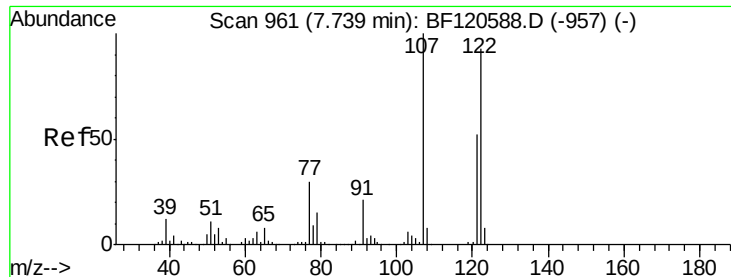


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 51.440 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

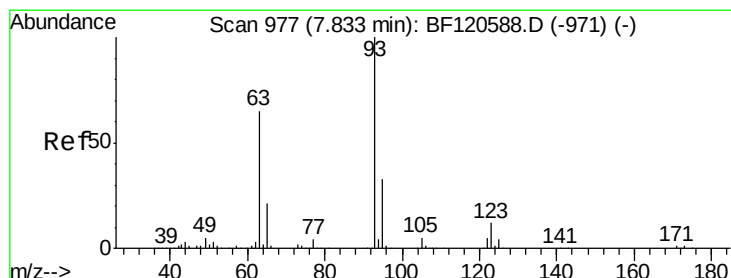
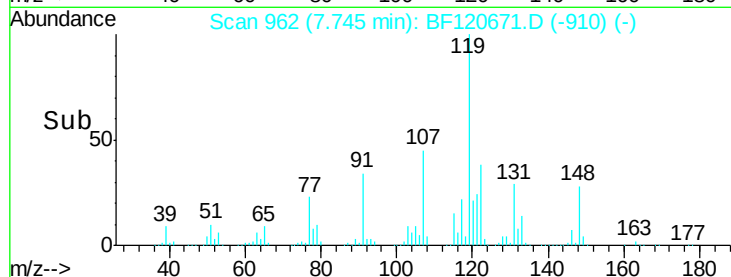
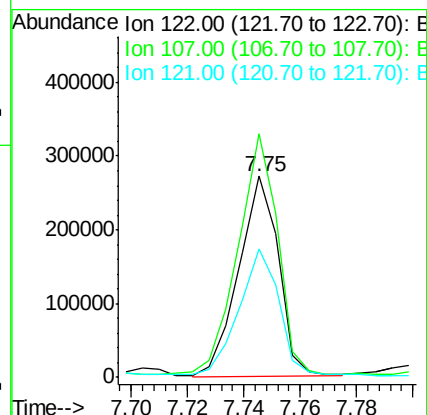
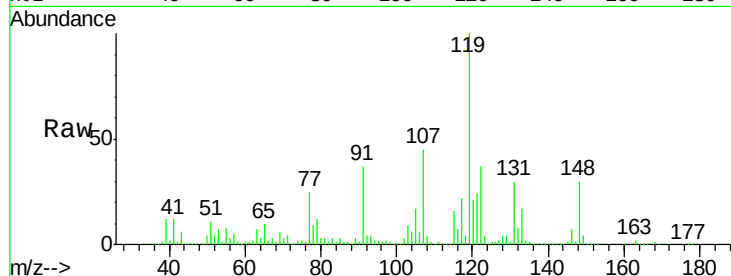
Tot Ion:122 Resp: 266005

Ion Ratio Lower Upper

122 100

107 121.0 86.4 129.6

121 63.6 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 46.299 ng

RT: 7.84 min Scan# 978

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

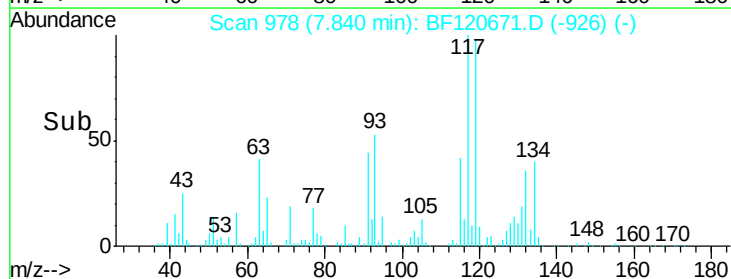
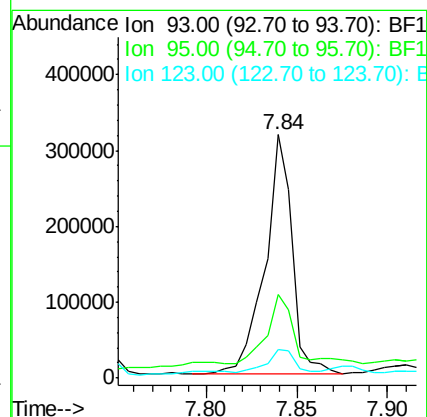
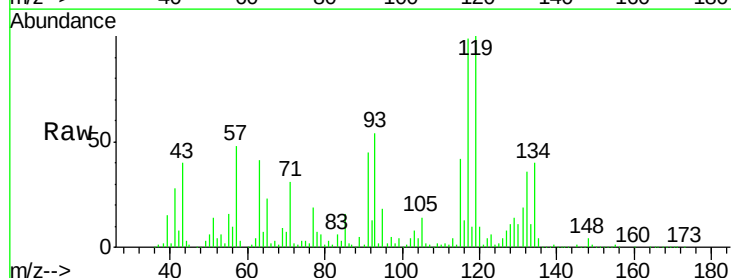
Tgt Ion: 93 Resp: 331658

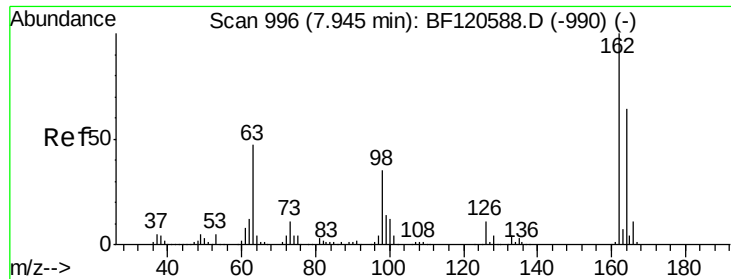
Ion Ratio Lower Upper

93 100

95 34.5 26.2 39.4

123 11.8 9.5 14.3

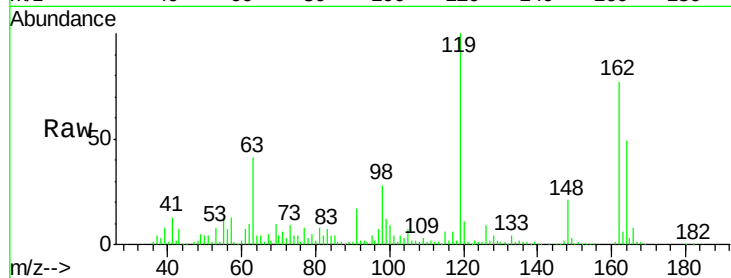




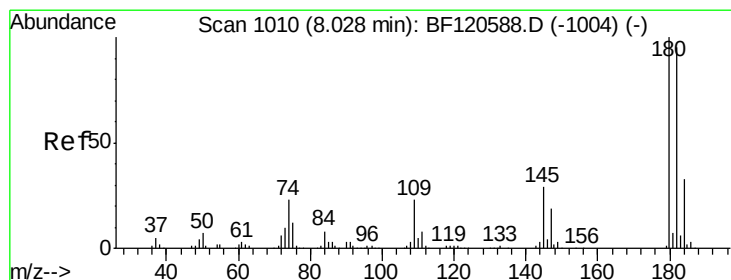
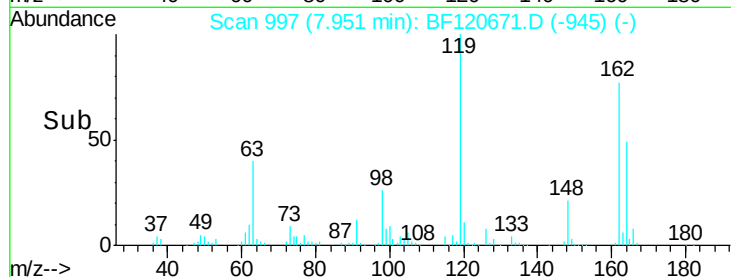
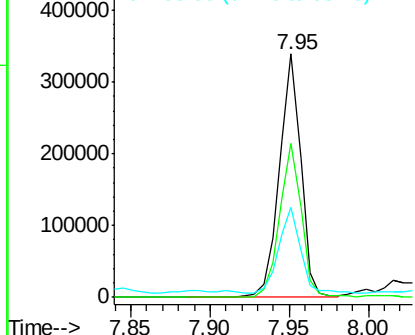
#29
2,4-Dichlorophenol
Concen: 61.025 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.1	84.1
98	36.7	14.7	54.7

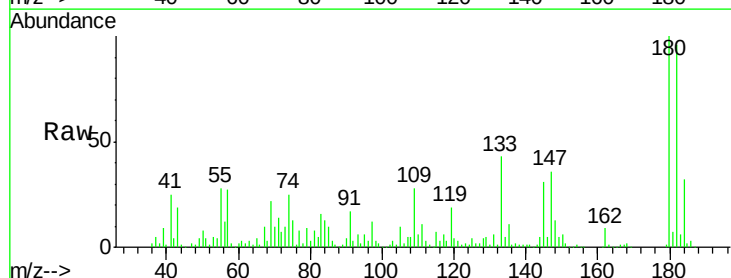


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

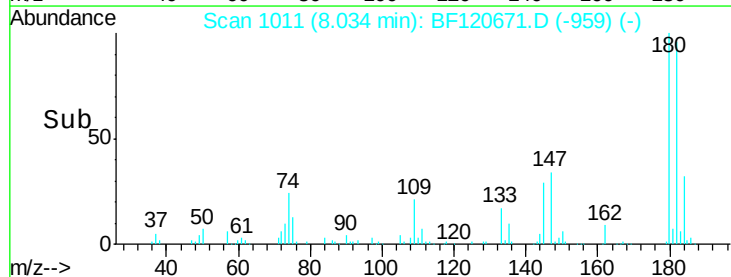
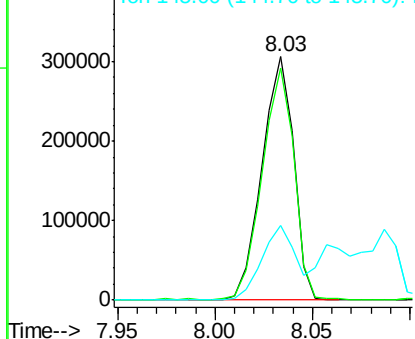


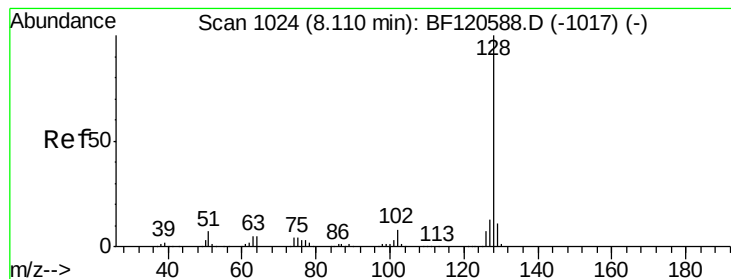
#30
1,2,4-Trichlorobenzene
Concen: 58.857 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	30.5	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 188.326 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

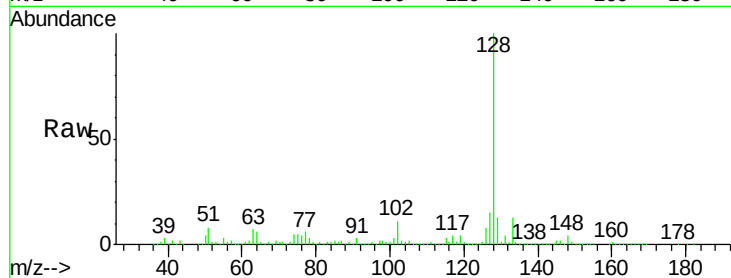
Tot Ion:128 Resp: 3279192

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

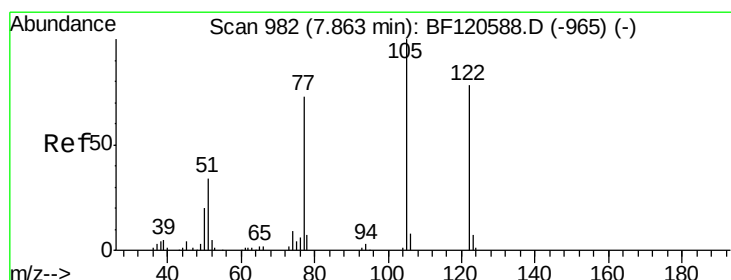
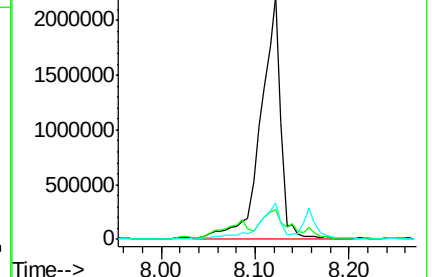
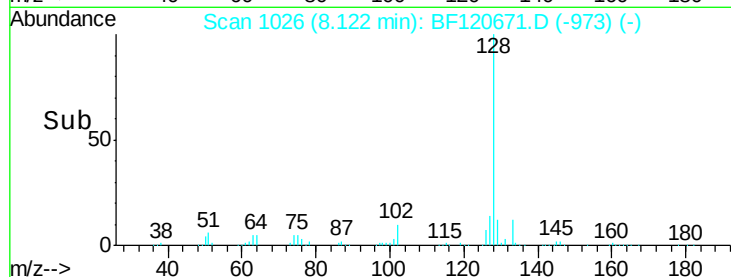
127 14.7 10.6 15.8



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: 34.336 ng

RT: 7.87 min Scan# 984

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

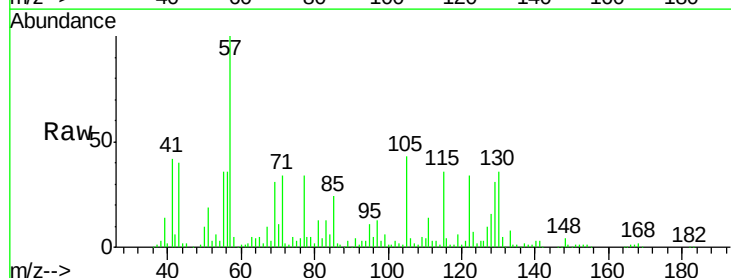
Tgt Ion:122 Resp: 136231

Ion Ratio Lower Upper

122 100

105 127.6 101.0 141.0

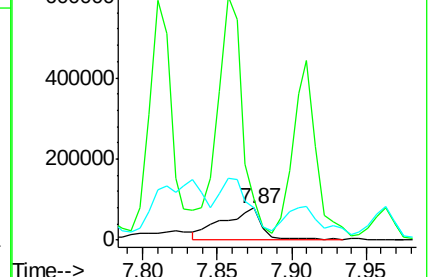
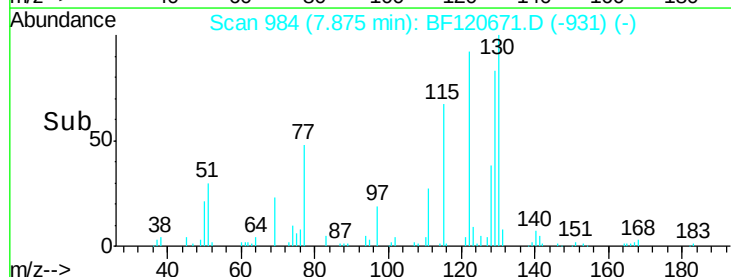
77 101.6 69.8 109.8

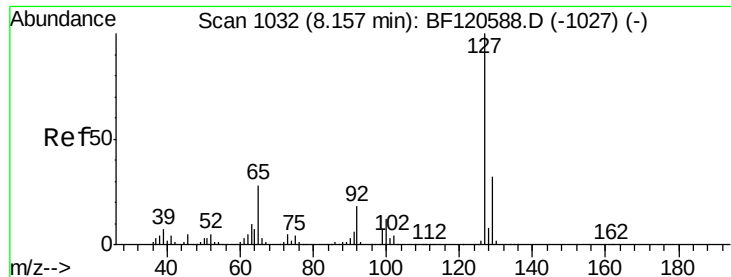


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

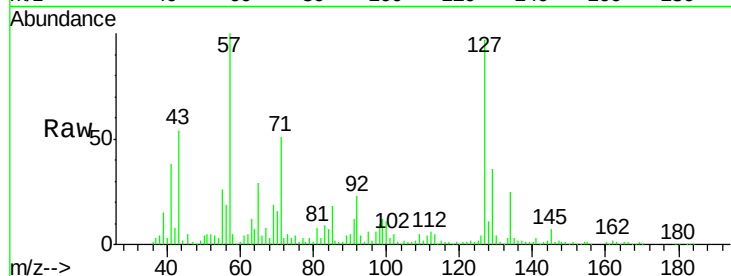




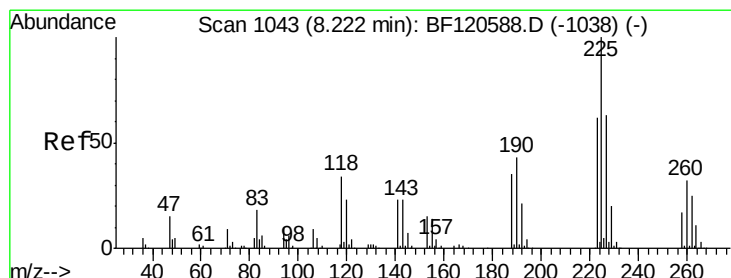
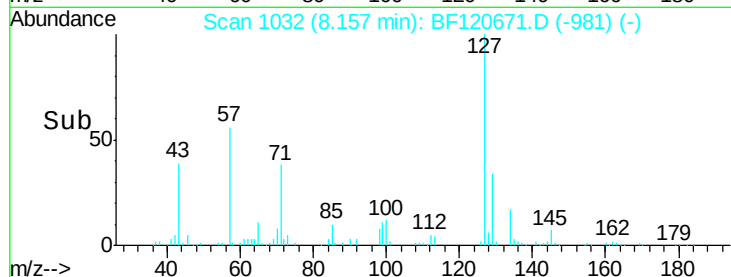
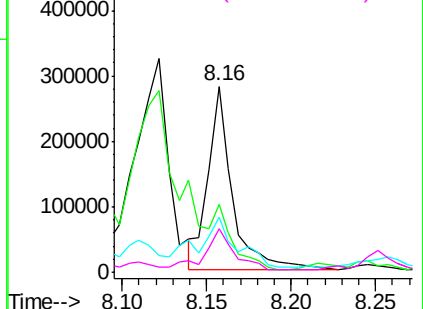
#33
4-Chloroaniline
Concen: 35.678 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:127	Resp:	285145
Ion Ratio	Lower	Upper
127	100	
129	36.8	25.9 38.9
65	29.5	22.2 33.4
92	23.5	14.2 21.2#

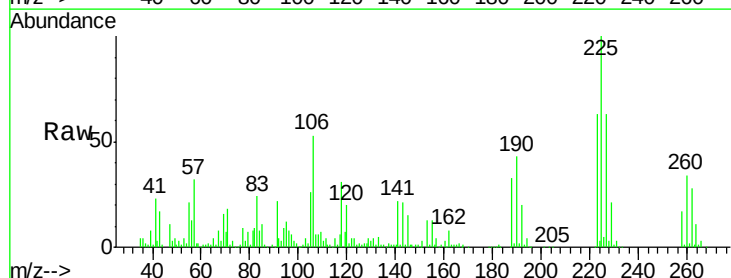


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

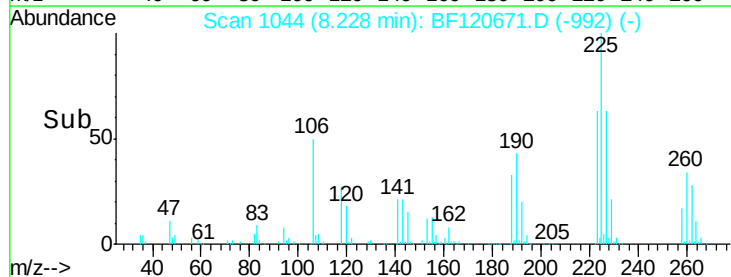
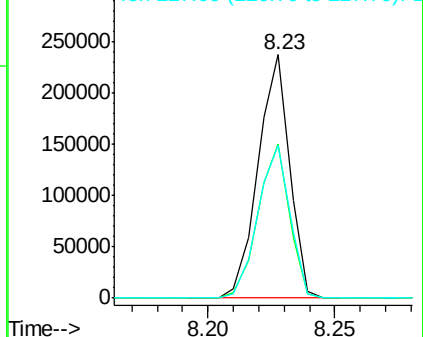


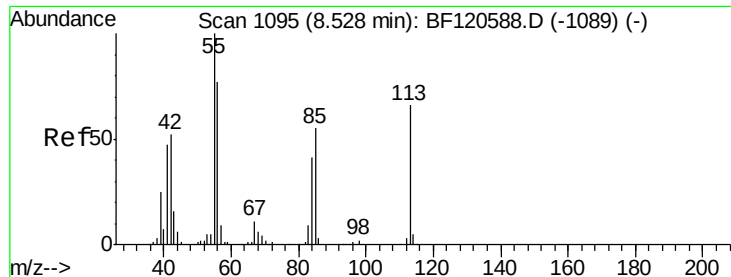
#34
Hexachlorobutadiene
Concen: 60.531 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:225	Resp:	205541
Ion Ratio	Lower	Upper
225	100	
223	63.3	49.9 74.9
227	62.5	50.5 75.7



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

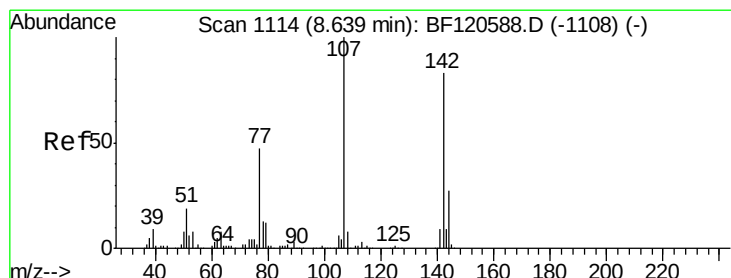
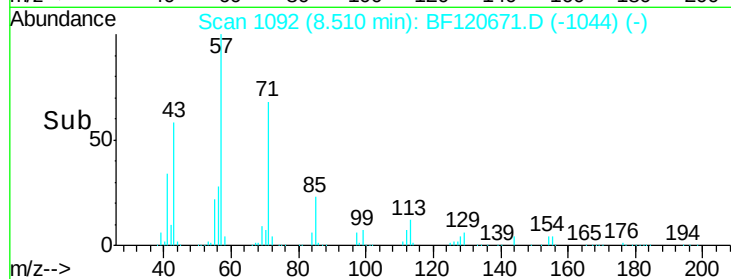
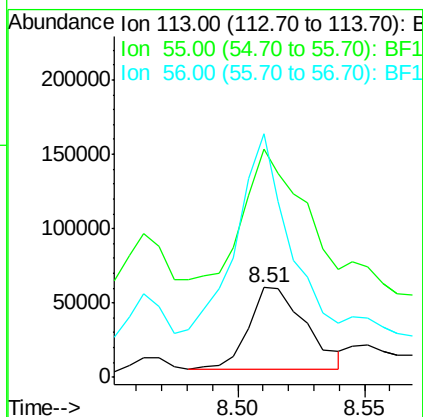
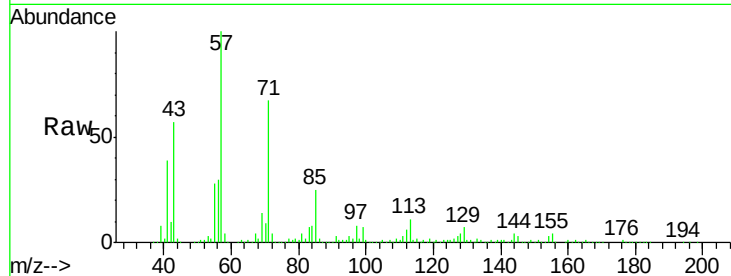




#35
 Caprolactam
 Concen: 51.774 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.02 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

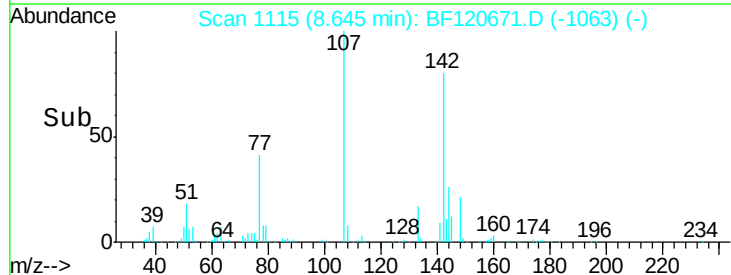
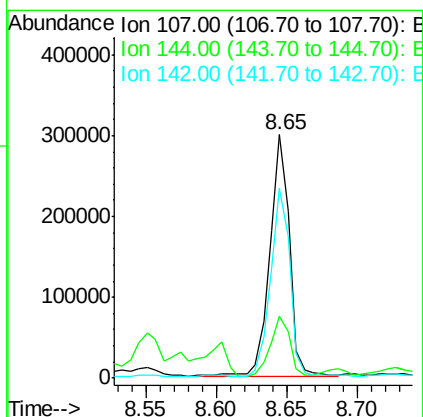
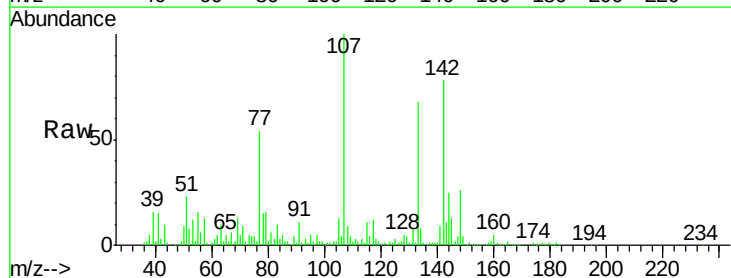
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

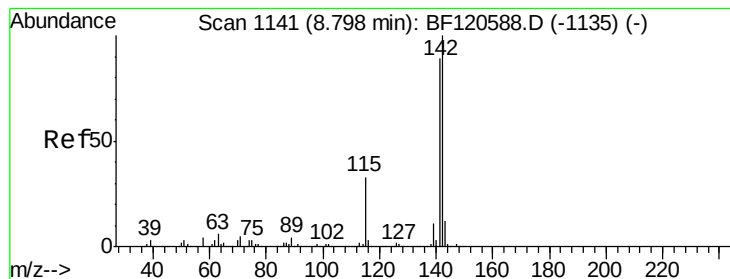
Tot Ion:113 Resp: 87043
 Ion Ratio Lower Upper
 113 100
 55 255.0 133.1 173.1#
 56 272.4 98.4 138.4#



#36
 4-Chloro-3-methylphenol
 Concen: 55.339 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion:107 Resp: 290619
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.4 32.2
 142 78.2 66.3 99.5





#37

2-Methylnaphthalene

Concen: 200.597 ng

RT: 8.81 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

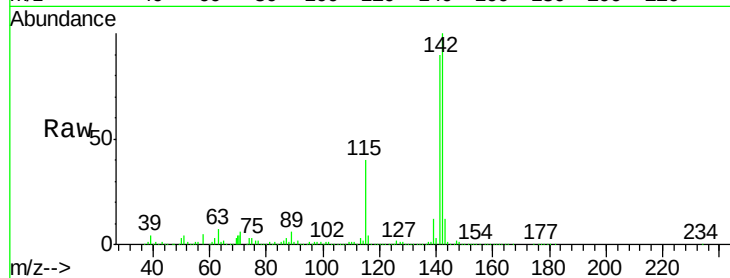
Tot Ion:142 Resp: 2280146

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.0

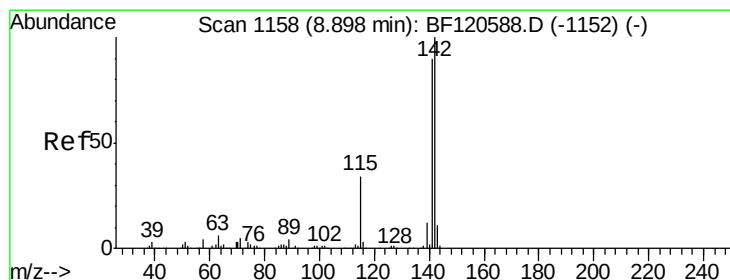
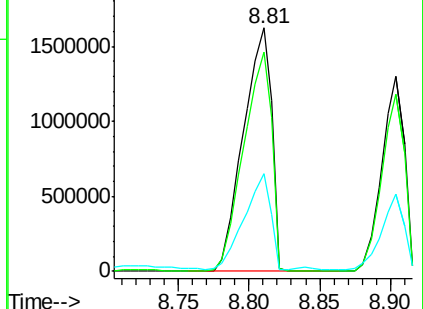
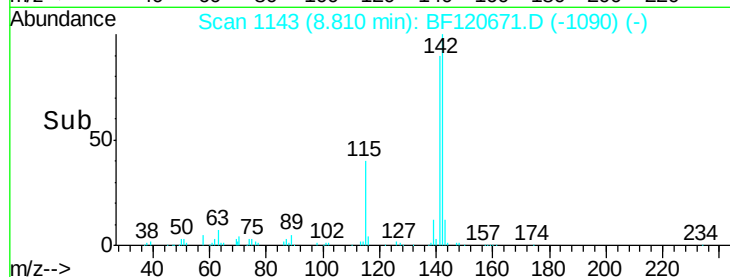
115 40.2 26.1 39.1#



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: 134.832 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

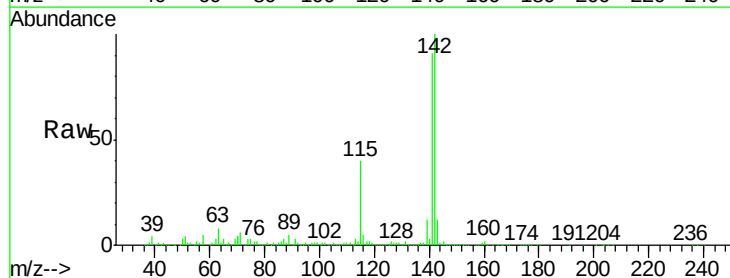
Tgt Ion:142 Resp: 1442148

Ion Ratio Lower Upper

142 100

141 91.2 72.1 108.1

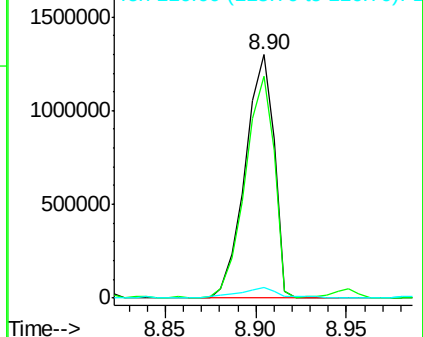
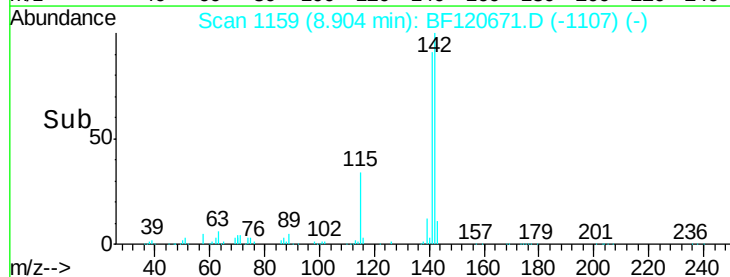
116 4.5 2.7 4.1#

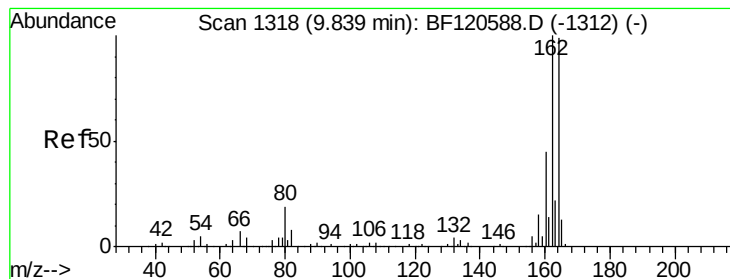


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

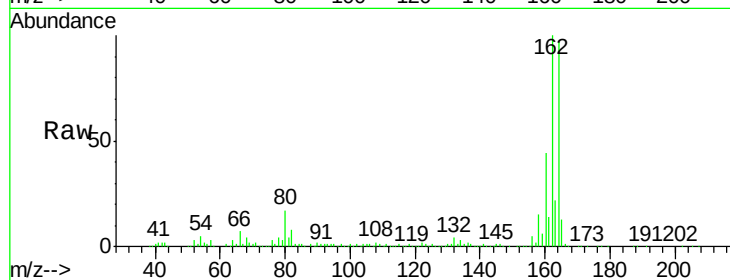
Tot Ion:164 Resp: 237773

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

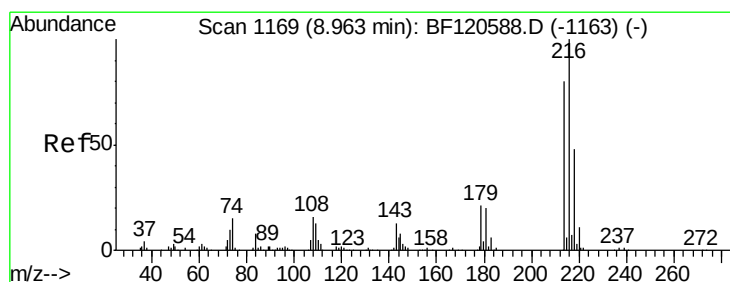
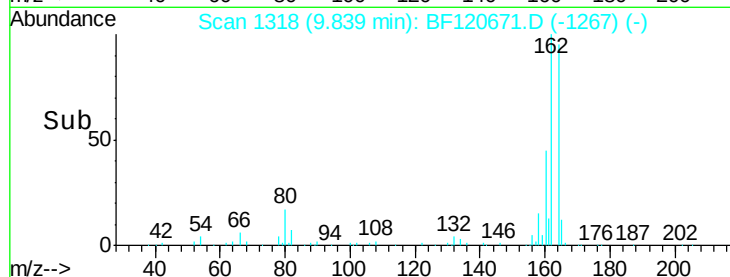
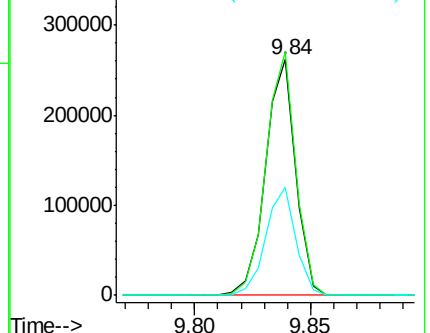
160 45.7 36.2 54.2



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: 47.962 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion:216 Resp: 340518

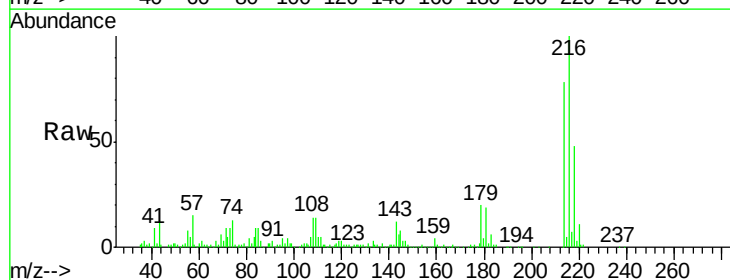
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 21.0 16.4 24.6

108 19.4 13.8 20.8

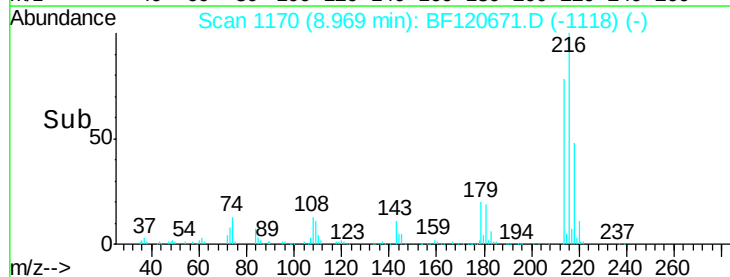
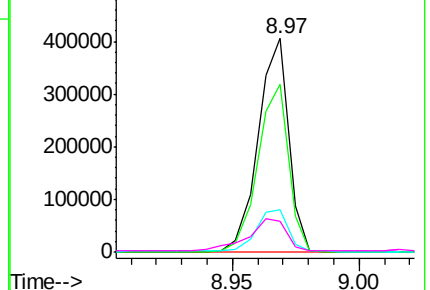


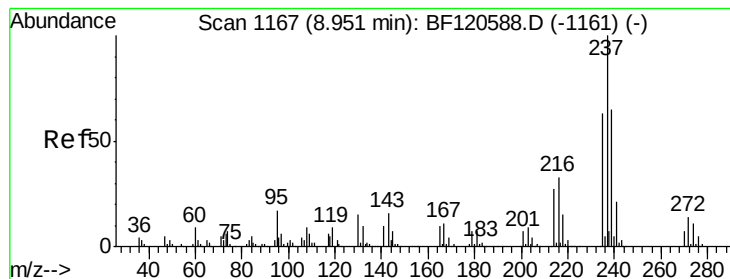
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.667 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

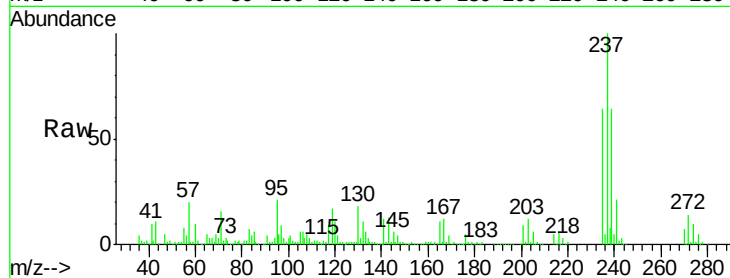
Tot Ion:237 Resp: 340823

Ion Ratio Lower Upper

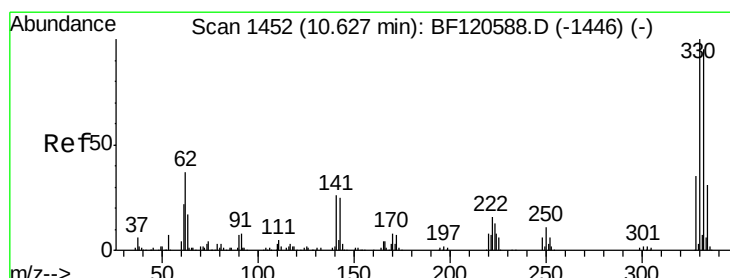
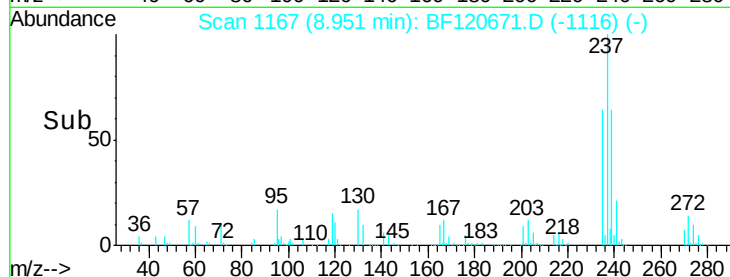
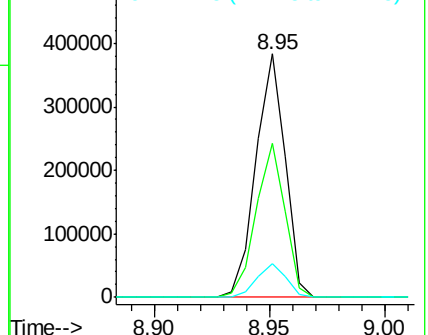
237 100

235 63.5 43.2 83.2

272 13.8 0.0 33.9



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: 103.267 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

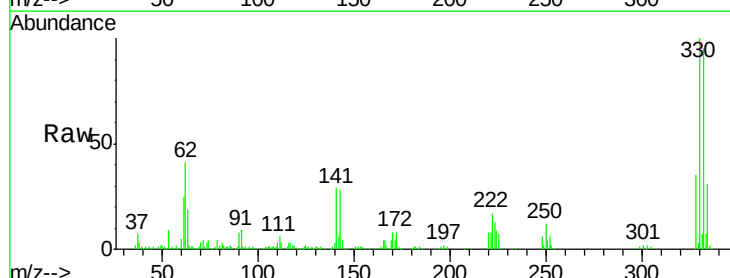
Tgt Ion:330 Resp: 285477

Ion Ratio Lower Upper

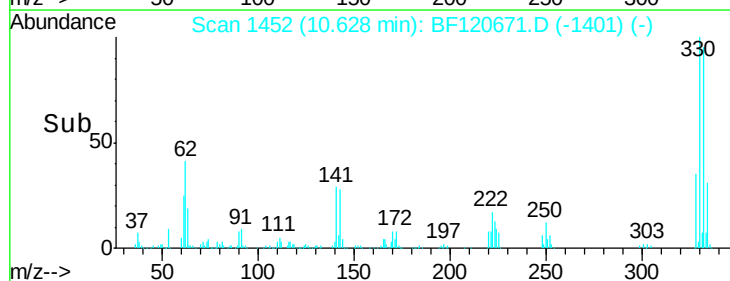
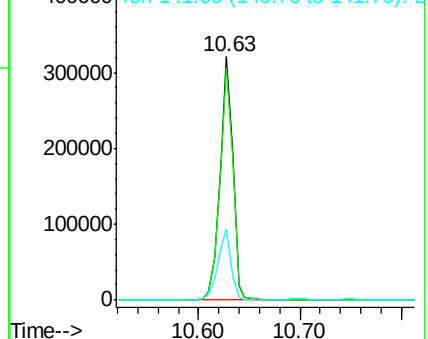
330 100

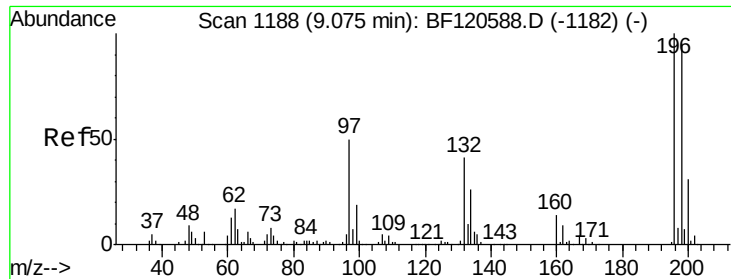
332 96.0 76.8 115.2

141 29.1 23.2 34.8



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

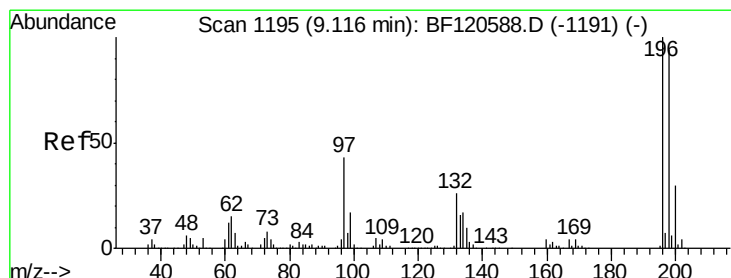
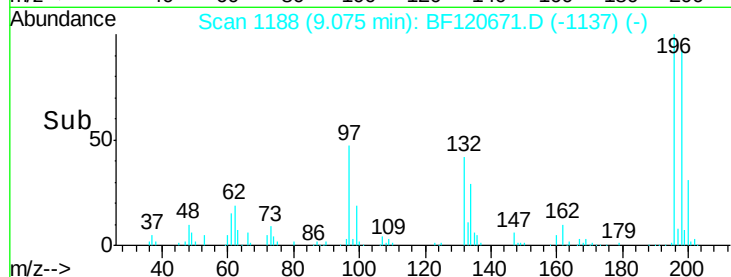
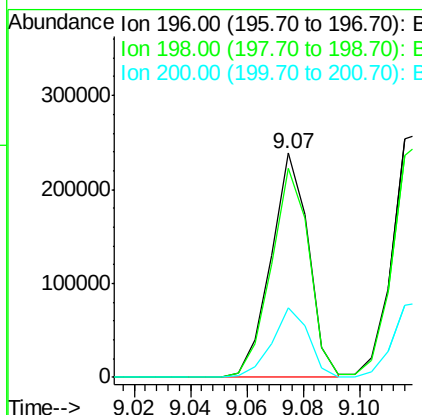
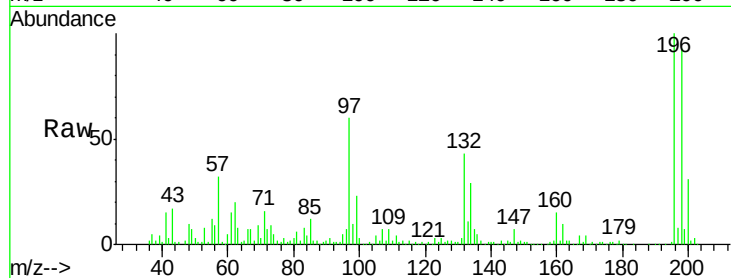




#43
 2,4,6-Trichlorophenol
 Concen: 43.627 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

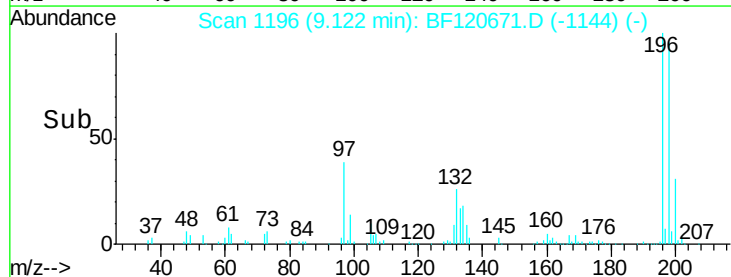
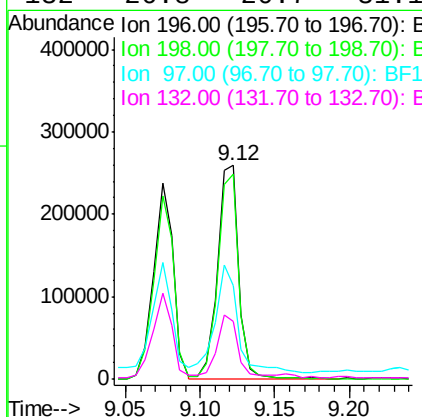
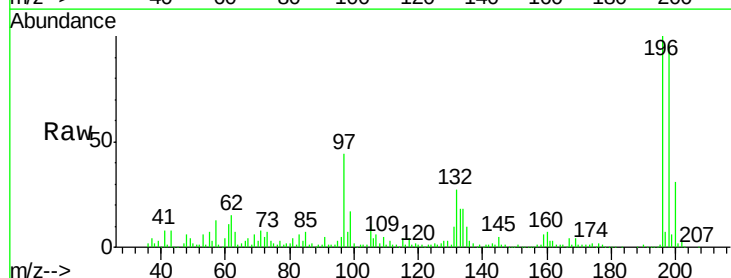
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

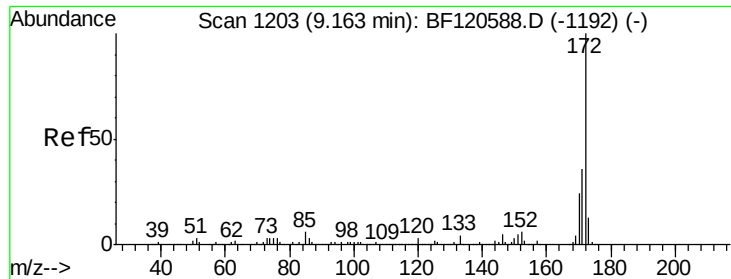
Tot Ion:196 Resp: 219717
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.2 114.2
 200 30.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.139 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion:196 Resp: 257914
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.5 113.3
 97 44.0 34.4 51.6
 132 26.8 20.7 31.1

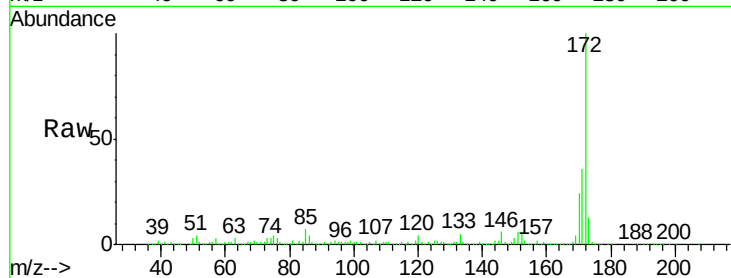




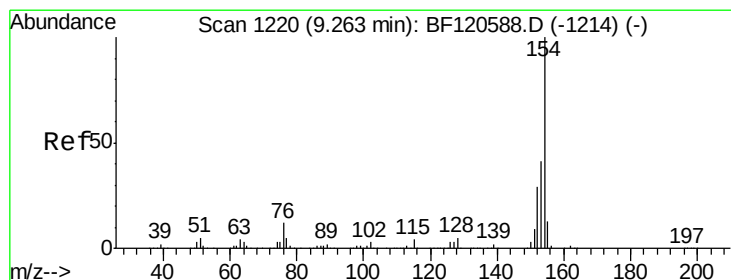
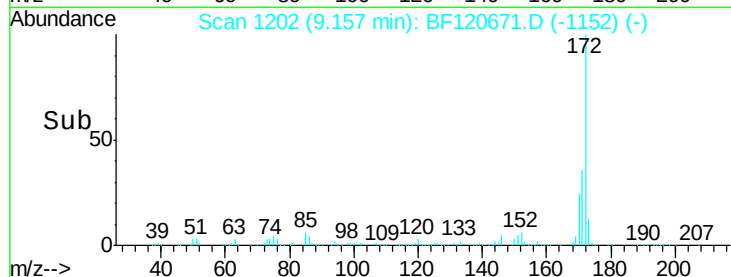
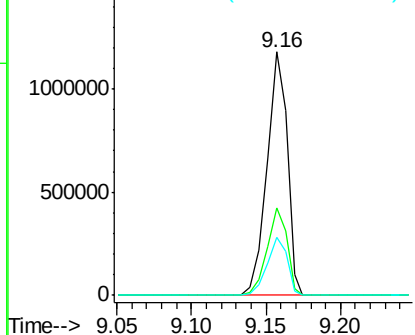
#45
2-Fluorobiphenyl
Concen: 70.677 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:172 Resp: 1098375
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.6 19.4 29.2

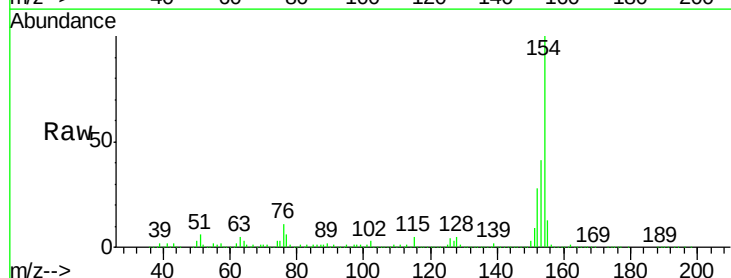


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

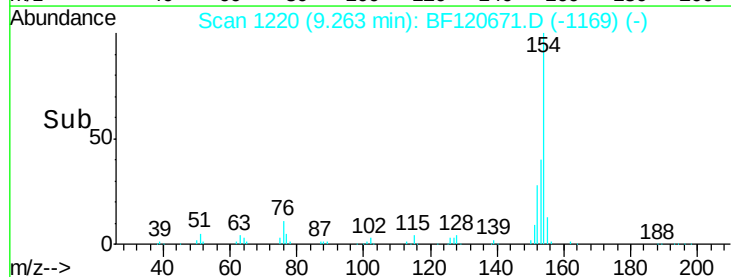
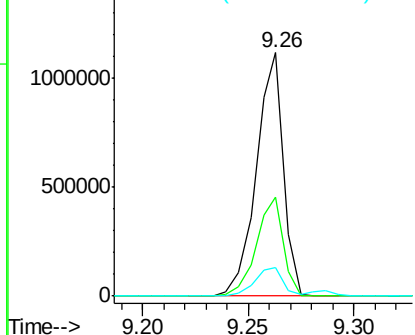


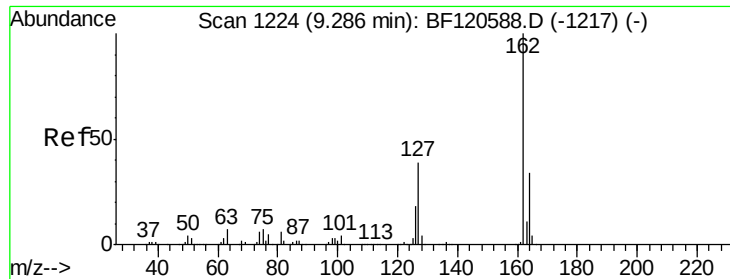
#46
1,1'-Biphenyl
Concen: 55.849 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:154 Resp: 991578
Ion Ratio Lower Upper
154 100
153 40.5 21.4 61.4
76 11.5 0.0 31.6



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





#47

2-Chloronaphthalene

Concen: 50.518 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

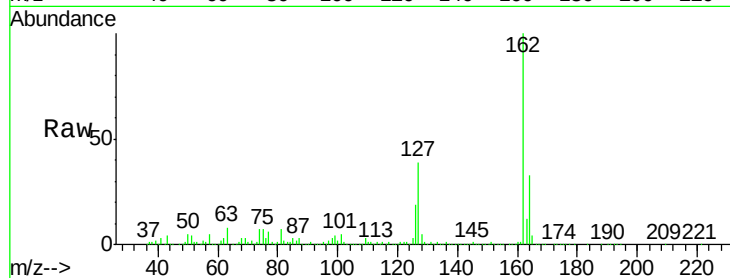
Tot Ion:162 Resp: 733458

Ion Ratio Lower Upper

162 100

127 39.5 31.3 46.9

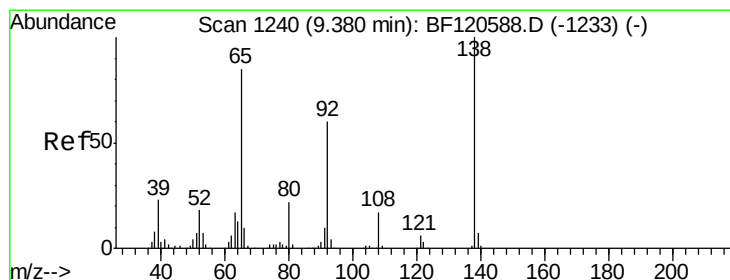
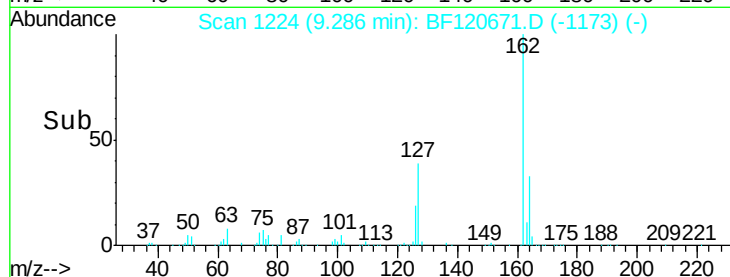
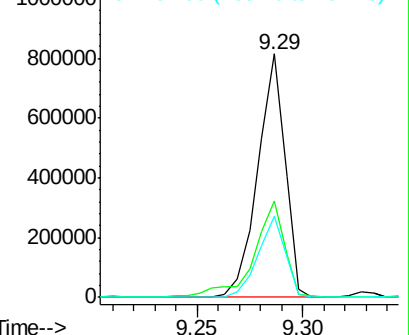
164 33.1 26.9 40.3



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: 50.112 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

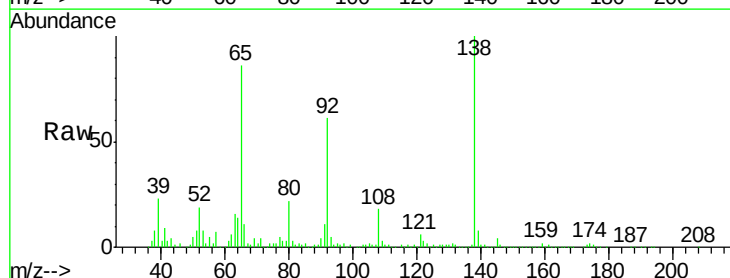
Tgt Ion: 65 Resp: 228504

Ion Ratio Lower Upper

65 100

92 71.1 56.0 84.0

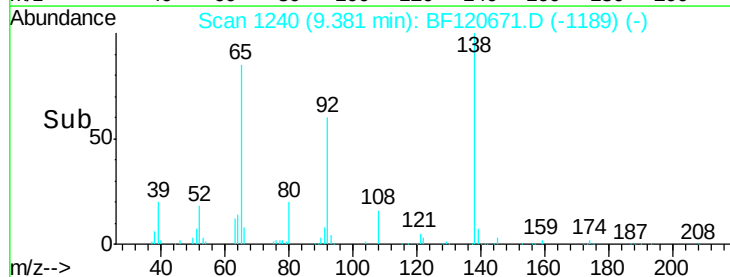
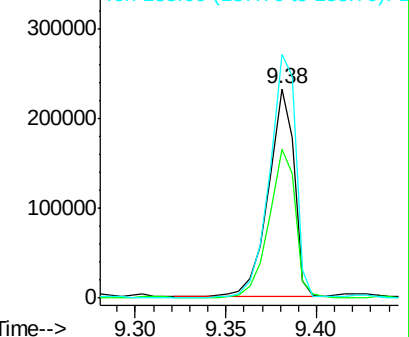
138 116.4 94.0 141.0

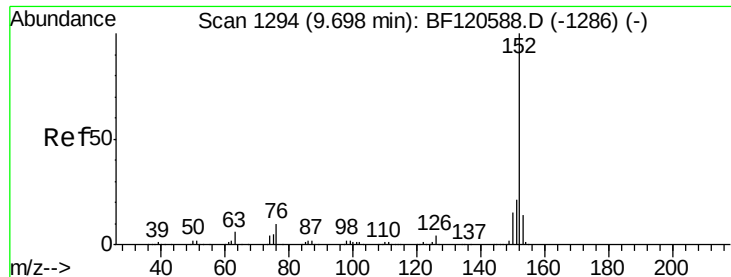


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.698 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

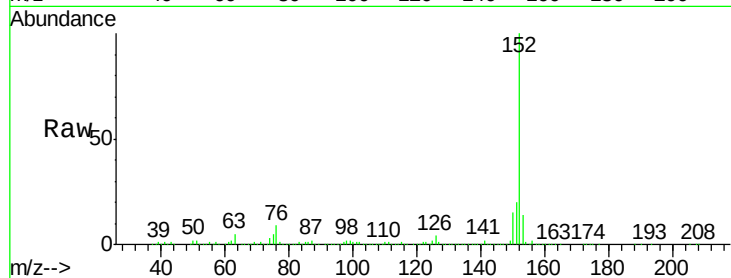
Tot Ion:152 Resp: 1023959

Ion Ratio Lower Upper

152 100

151 20.4 16.6 25.0

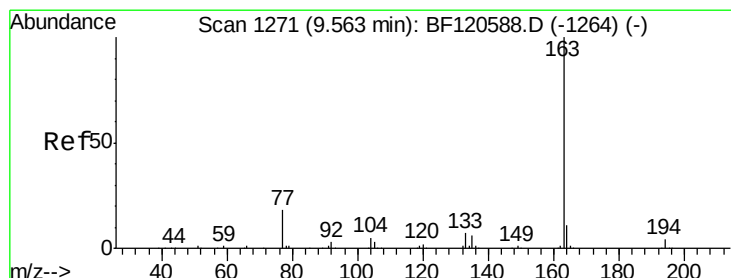
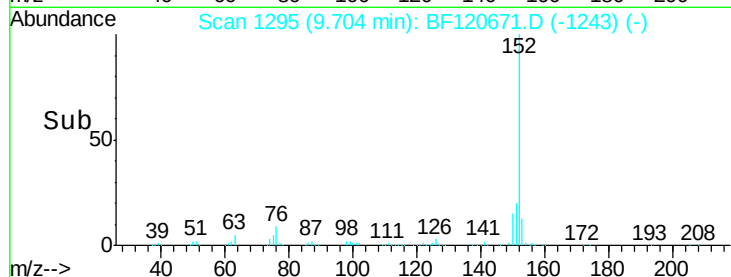
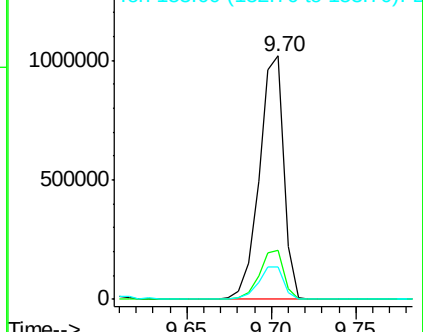
153 13.5 11.0 16.6



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: 60.673 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

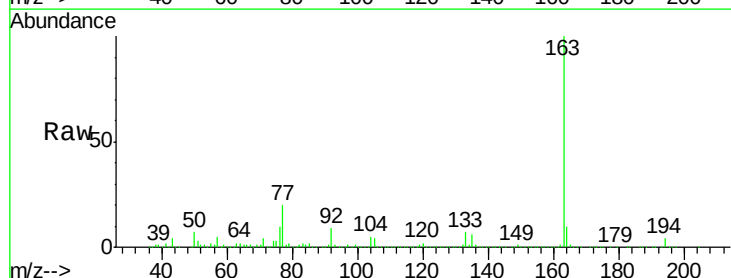
Tgt Ion:163 Resp: 1038996

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

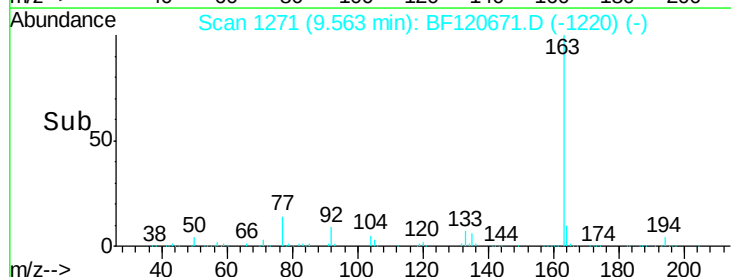
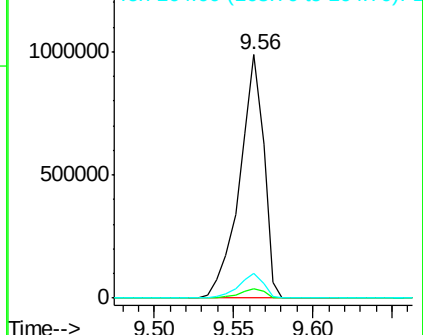
164 10.1 8.5 12.7

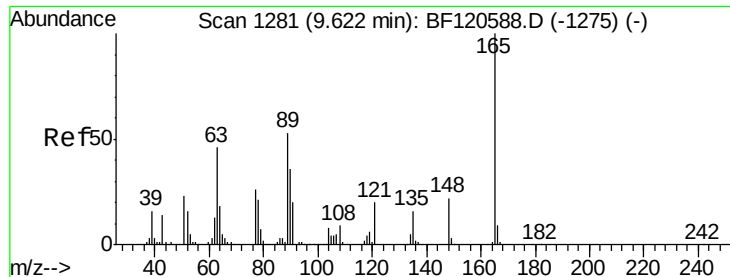


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

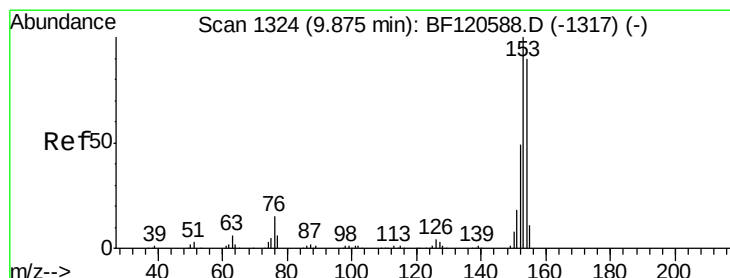
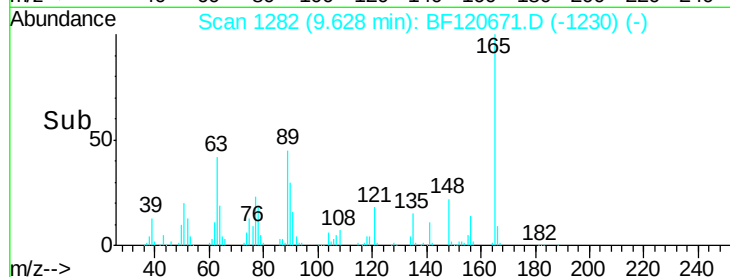
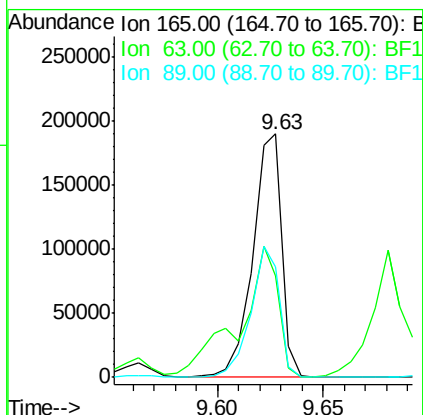
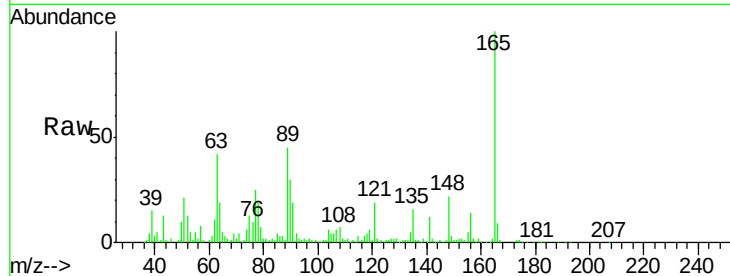




#51
 2,6-Dinitrotoluene
 Concen: 46.249 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

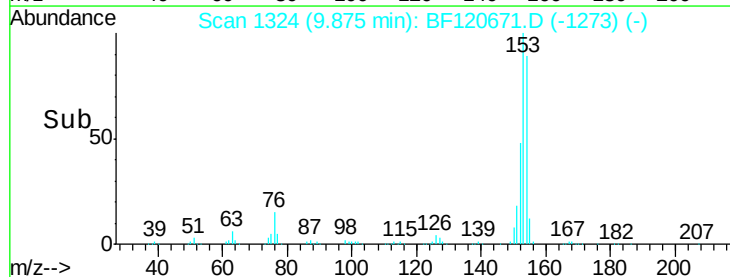
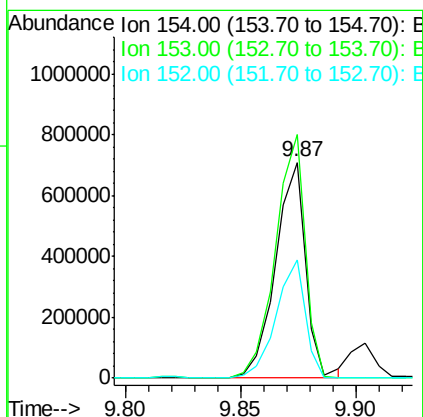
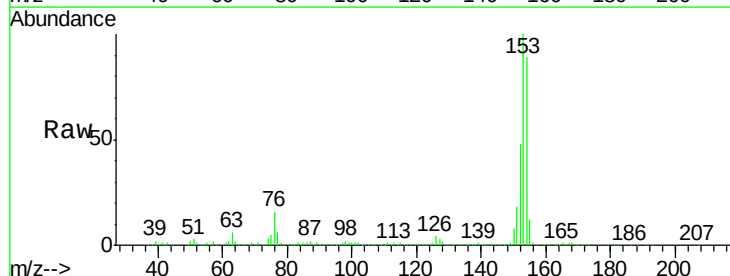
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

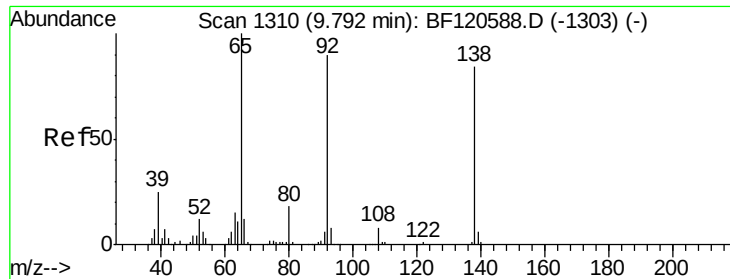
Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	41.7	62.5
89	45.3	42.6	64.0



#52
 Acenaphthene
 Concen: 48.052 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	89.1	133.7
152	54.5	43.7	65.5

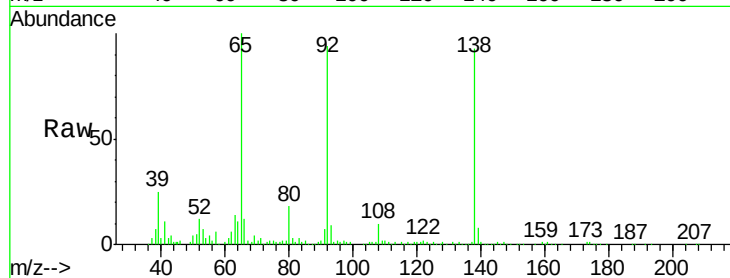




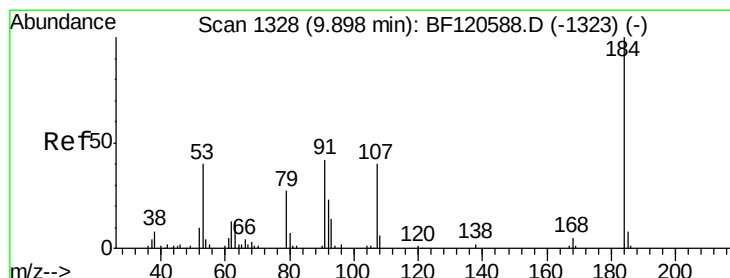
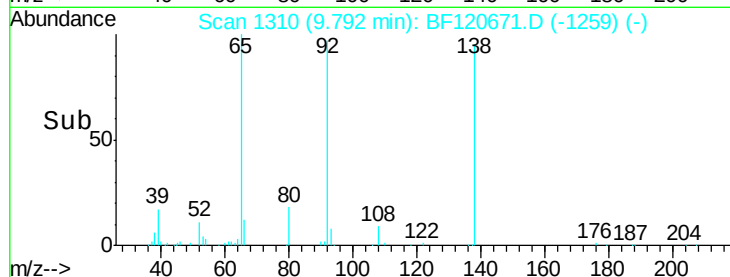
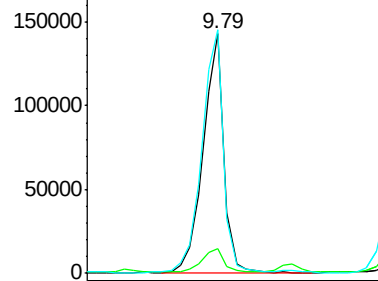
#53
3-Nitroaniline
Concen: 27.463 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:138 Resp: 128015
Ion Ratio Lower Upper
138 100
108 10.5 8.0 12.0
92 101.7 86.0 129.0

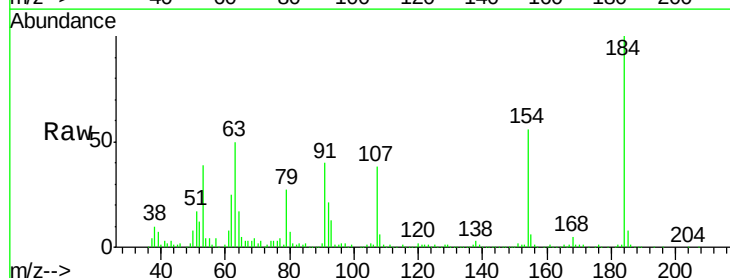


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

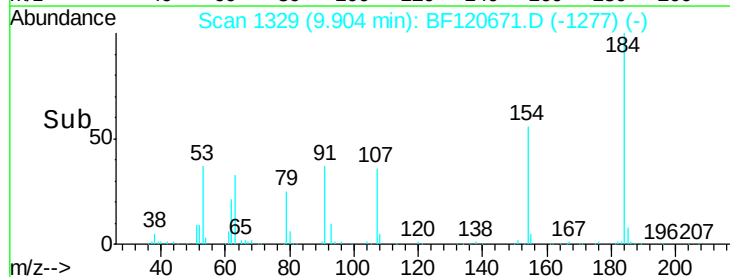
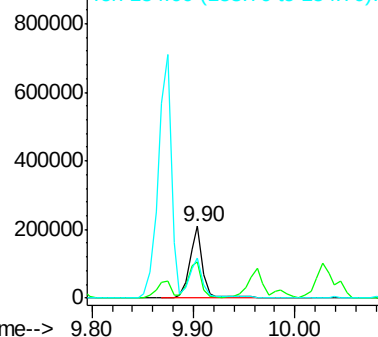


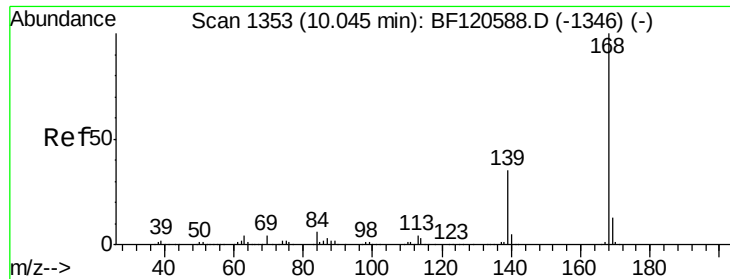
#54
2,4-Dinitrophenol
Concen: 81.827 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:184 Resp: 186461
Ion Ratio Lower Upper
184 100
63 49.9 44.2 66.2
154 56.1 45.9 68.9



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

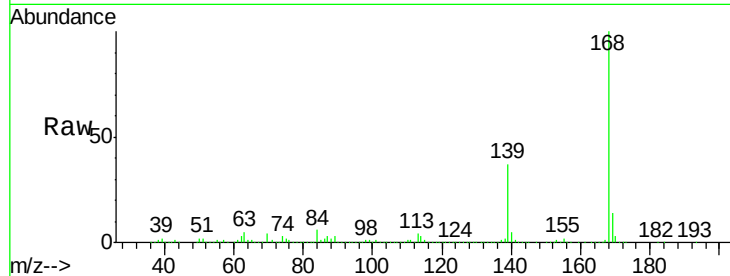




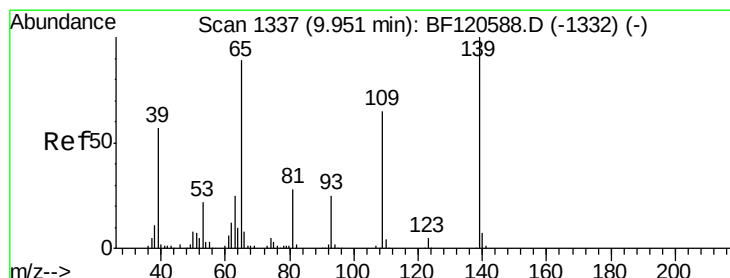
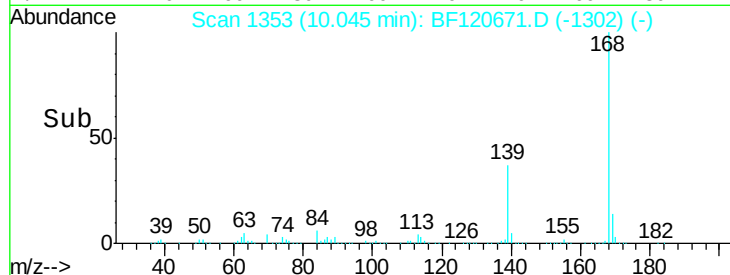
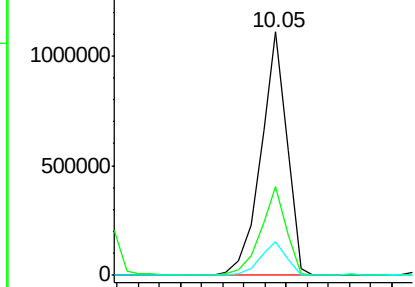
#55
Dibenzenofuran
Concen: 46.120 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:168 Resp: 945020
Ion Ratio Lower Upper
168 100
139 36.6 28.1 42.1
169 14.0 10.6 16.0

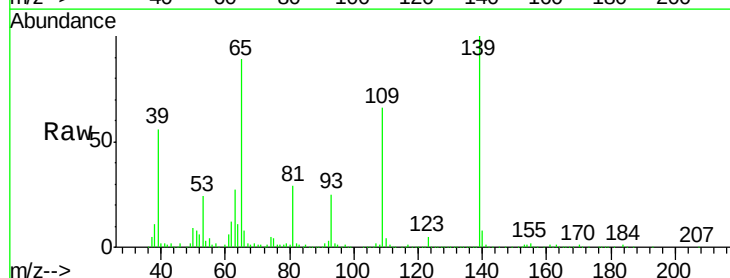


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

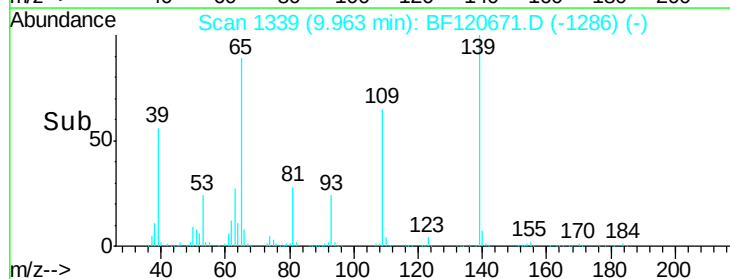
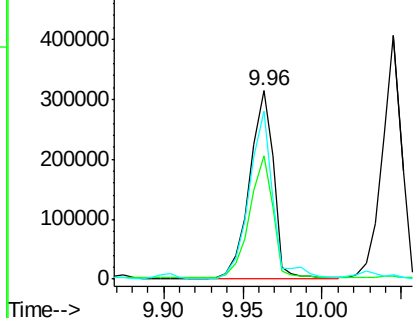


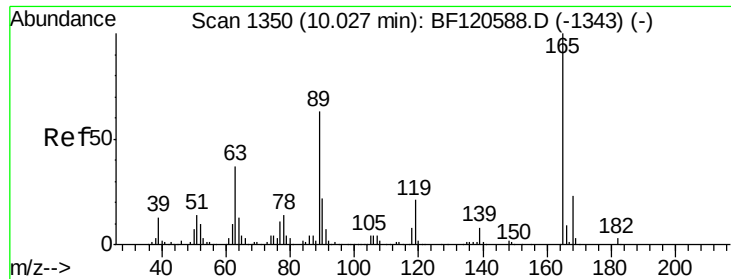
#56
4-Nitrophenol
Concen: 93.676 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:139 Resp: 328866
Ion Ratio Lower Upper
139 100
109 65.5 44.6 84.6
65 89.5 69.2 109.2



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

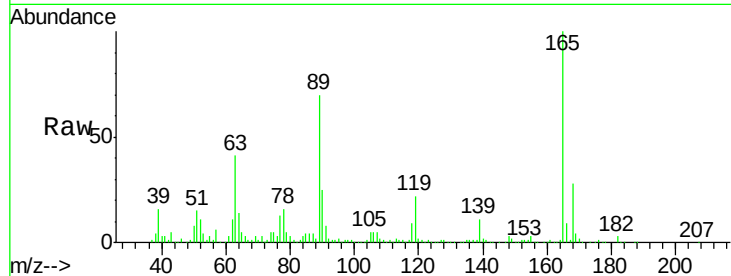




#57
2,4-Dinitrotoluene
Concen: 45.063 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:165	Resp: 232059
Ion Ratio	Lower Upper
165 100	
63 41.4	29.8 44.8
89 70.0	50.4 75.6
182 2.5	2.1 3.1

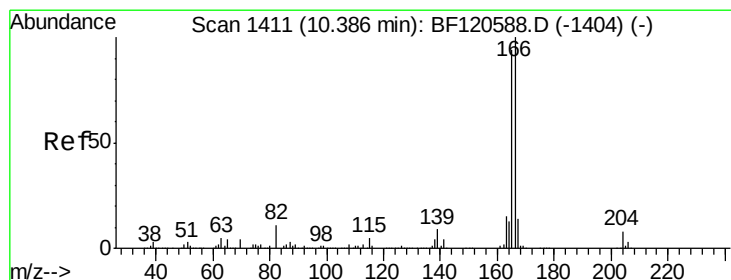
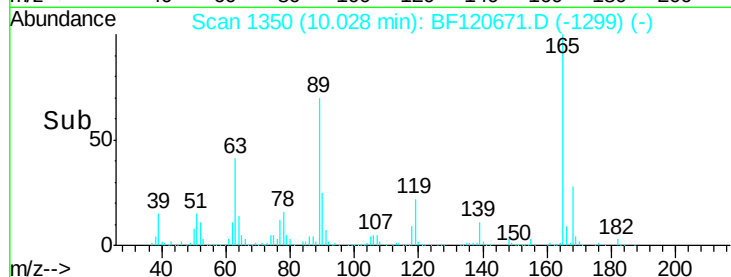
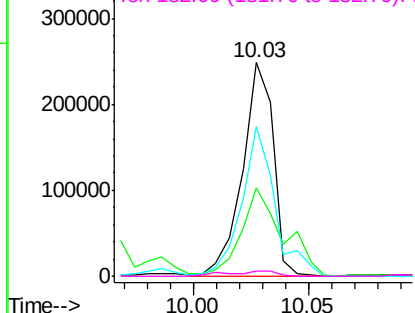


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

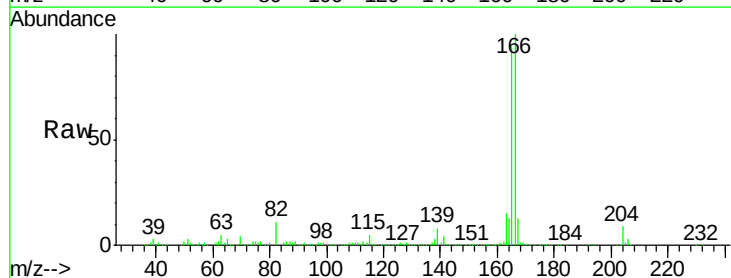
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.579 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

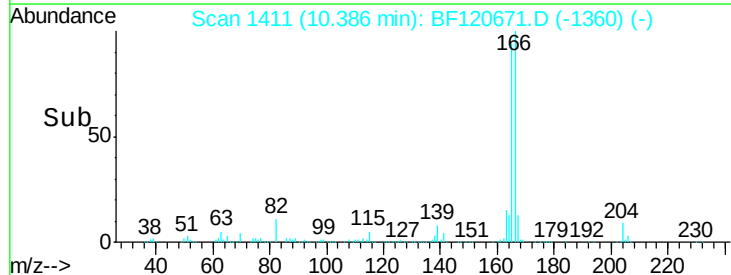
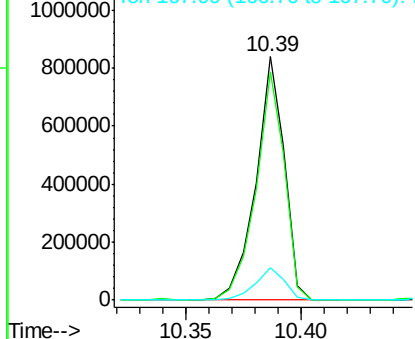
Tgt	Ion:166	Resp:	719962
Ion	Ratio	Lower	Upper
166	100		
165	93.8	75.0	112.6
167	13.4	11.0	16.4

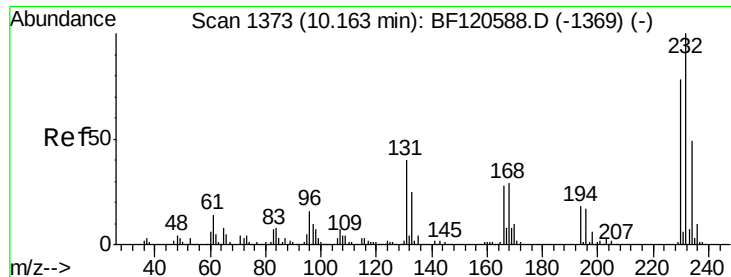


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

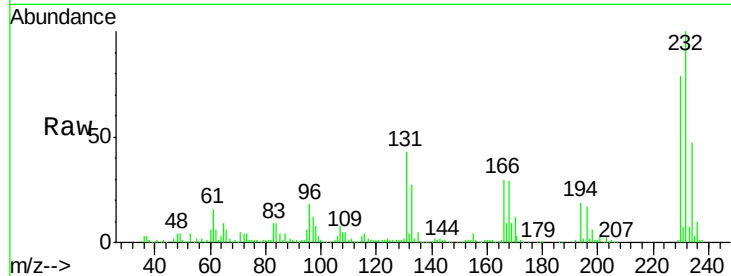




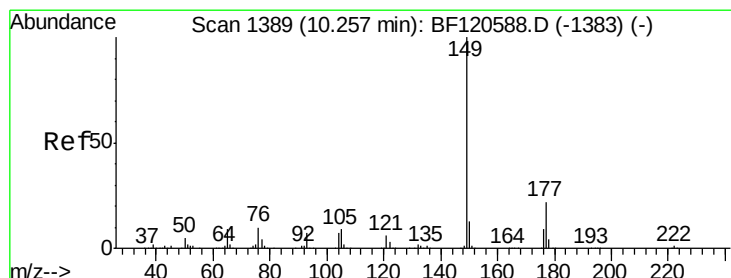
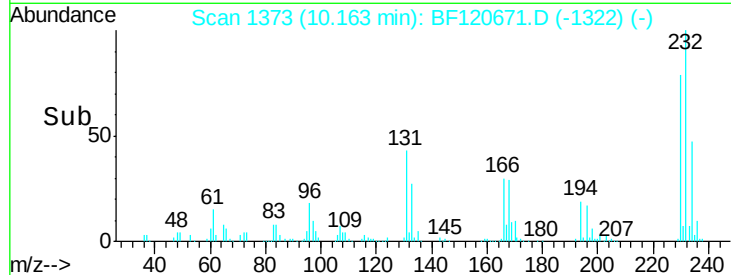
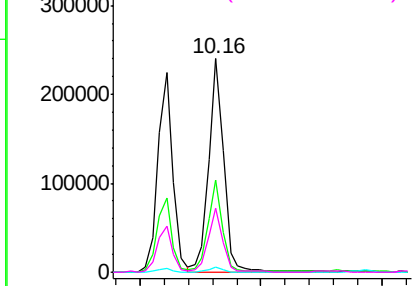
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.116 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:232	Resp:	207300
Ion Ratio	Lower	Upper
232	100	
131	40.6	33.5 50.3
130	2.1	1.5 2.3
166	28.7	23.4 35.0

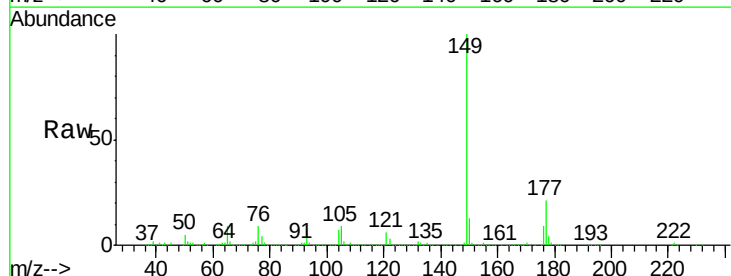


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

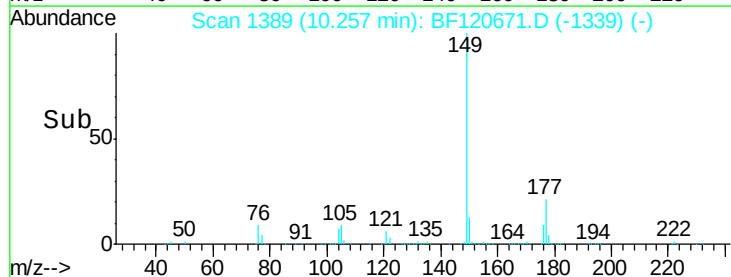
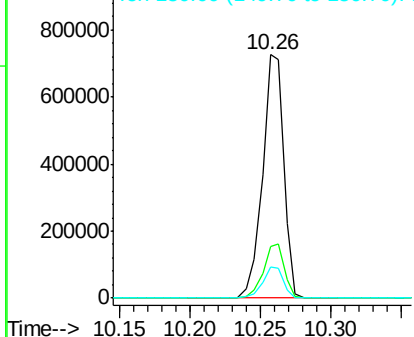


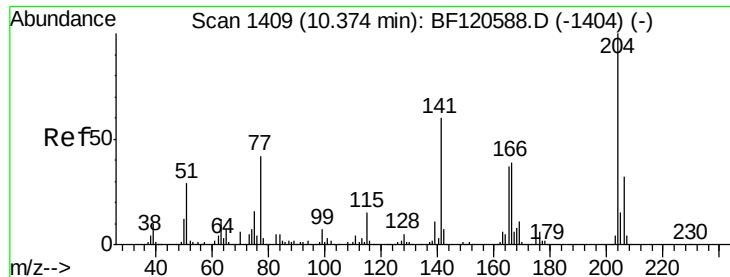
#60
Diethylphthalate
Concen: 45.831 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:149	Resp:	772973
Ion Ratio	Lower	Upper
149	100	
177	21.1	17.3 25.9
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

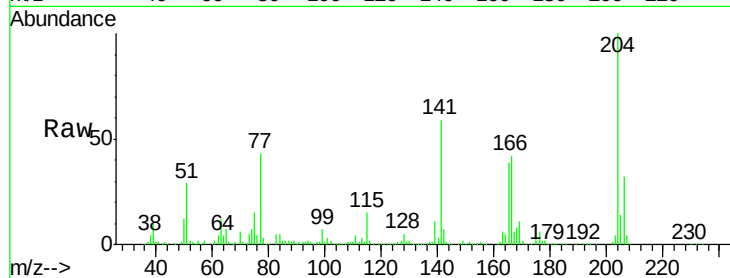




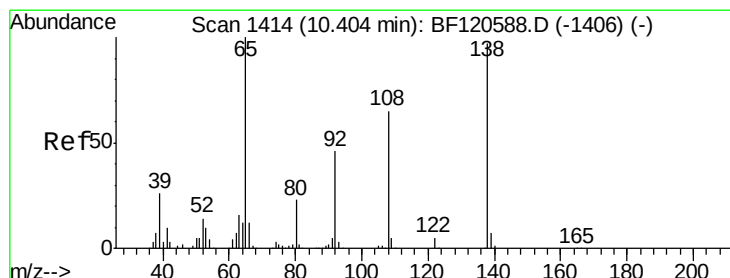
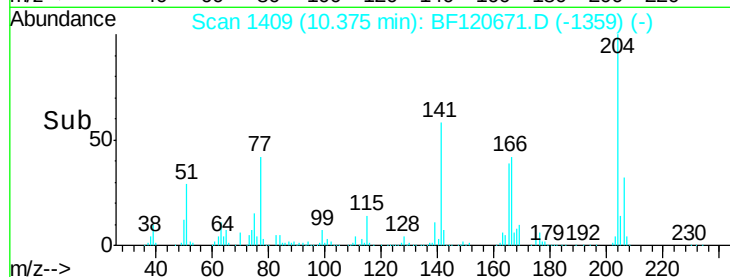
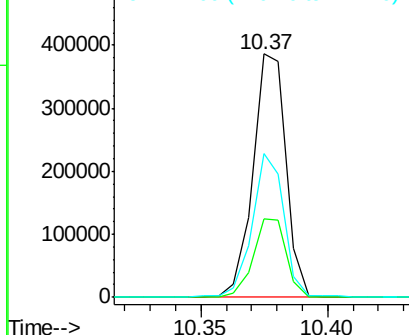
#61
4-Chlorophenyl-phenylether
Concen: 42.857 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:204 Resp: 349600
Ion Ratio Lower Upper
204 100
206 32.3 25.9 38.9
141 58.8 47.6 71.4

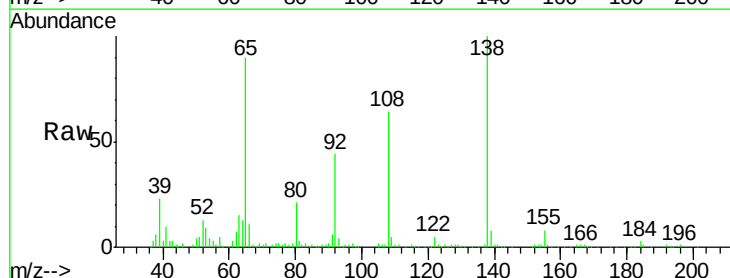


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

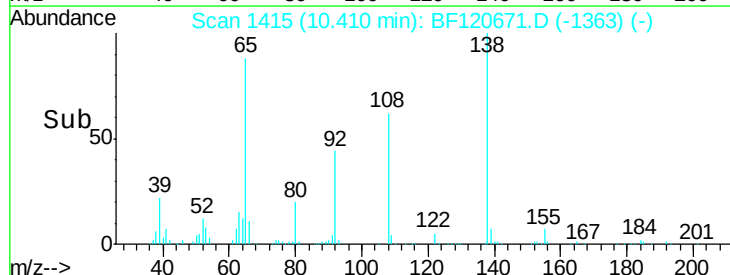
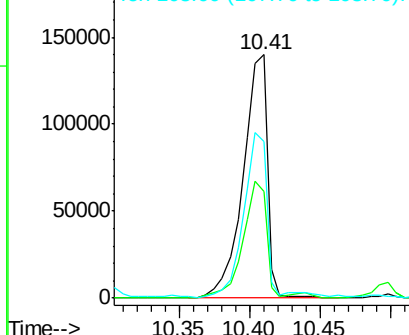


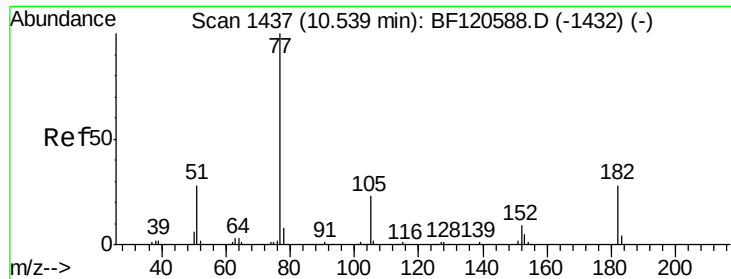
#62
4-Nitroaniline
Concen: 36.450 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:138 Resp: 168675
Ion Ratio Lower Upper
138 100
92 43.7 27.3 67.3
108 64.2 47.4 87.4



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





#63

Azobenzene

Concen: 43.650 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion: 77 Resp: 668258

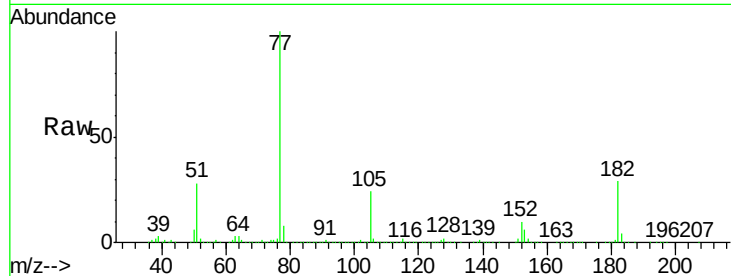
Ion Ratio Lower Upper

77 100

182 28.9 7.7 47.7

105 23.6 3.2 43.2

51 28.5 8.5 48.5

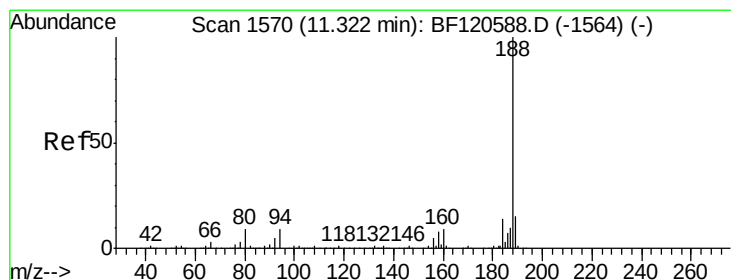
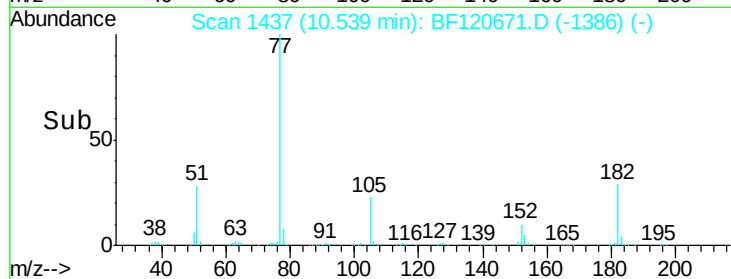
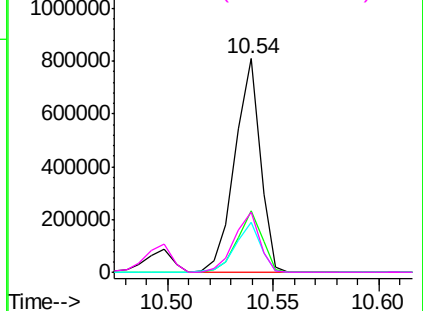


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

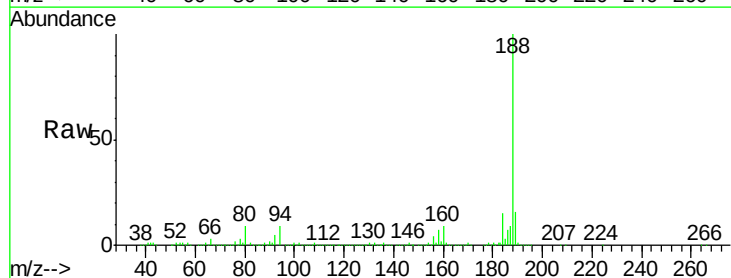
Tgt Ion: 188 Resp: 546616

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

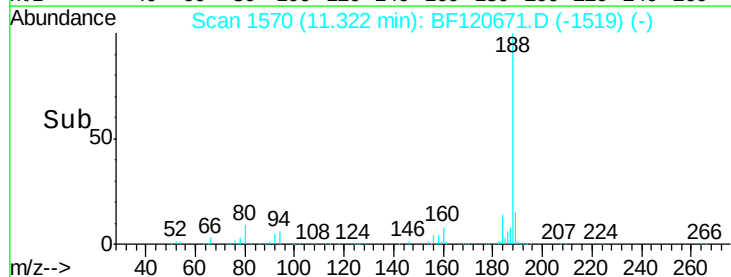
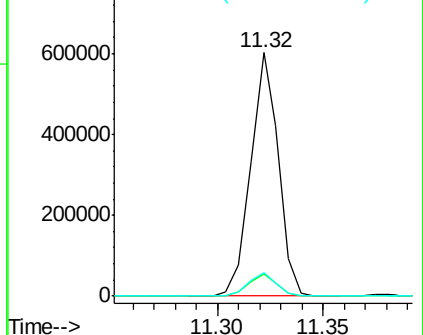
80 9.5 7.4 11.2

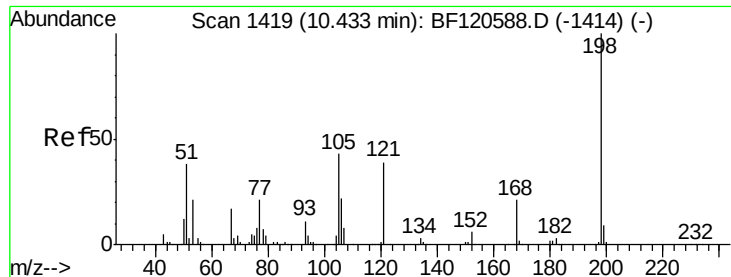


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

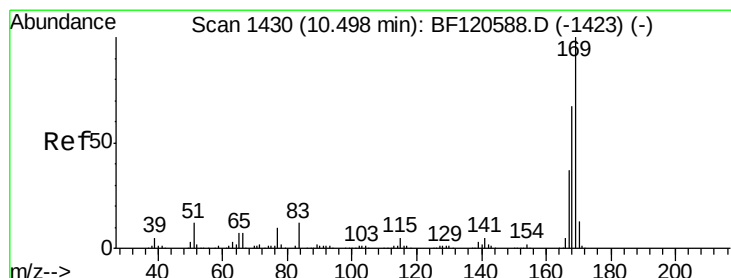
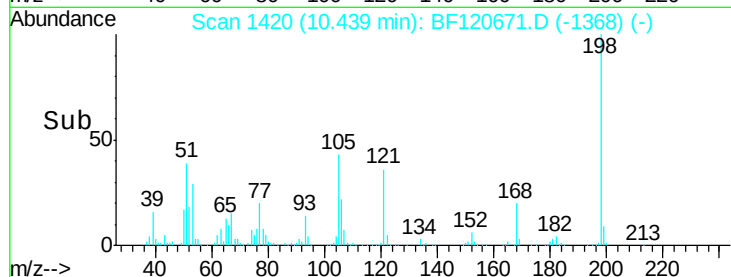
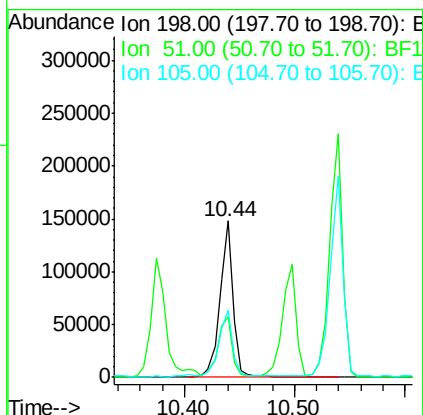
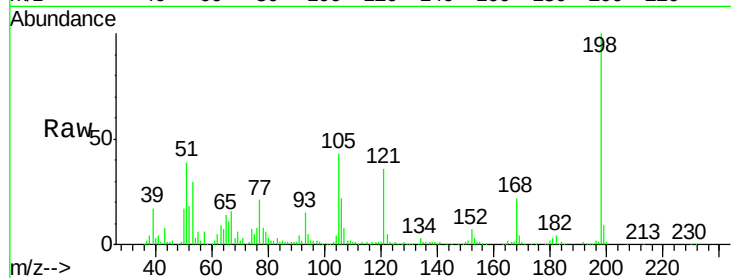




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.546 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

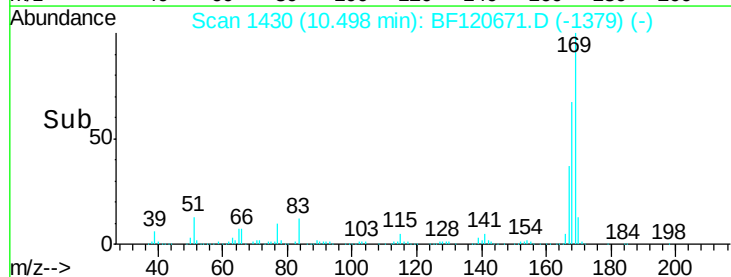
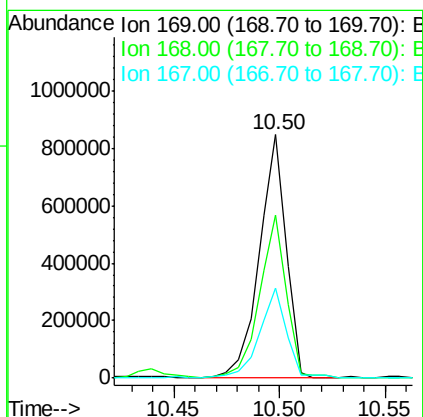
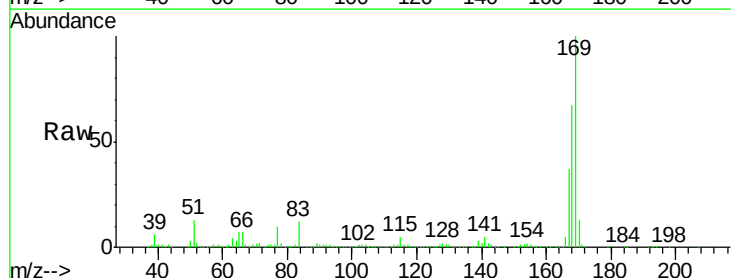
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

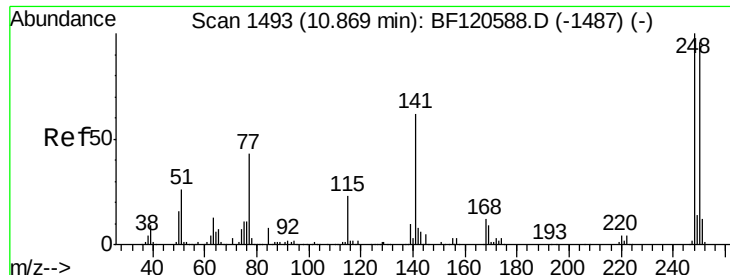
Tot Ion:198 Resp: 123146
 Ion Ratio Lower Upper
 198 100
 51 39.0 24.8 64.8
 105 43.2 23.9 63.9



#66
 n-Nitrosodiphenylamine
 Concen: 44.388 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion:169 Resp: 745110
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.7 80.5
 167 37.0 29.9 44.9

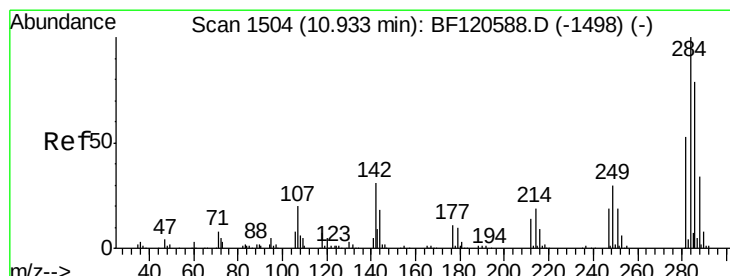
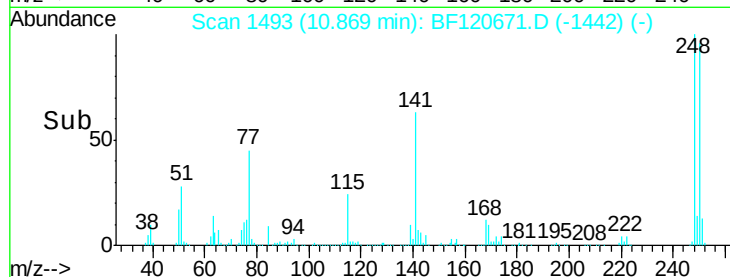
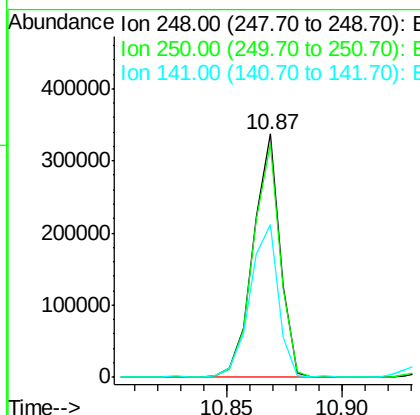
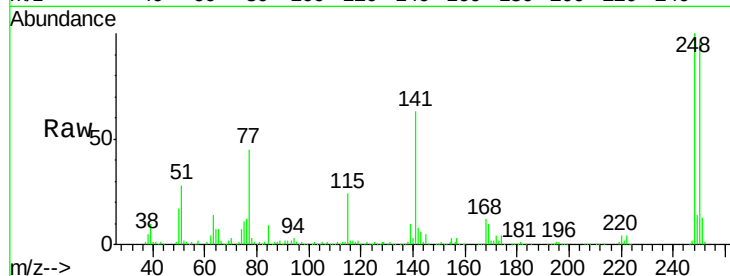




#67
 4-Bromophenyl-phenylether
 Concen: 44.176 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

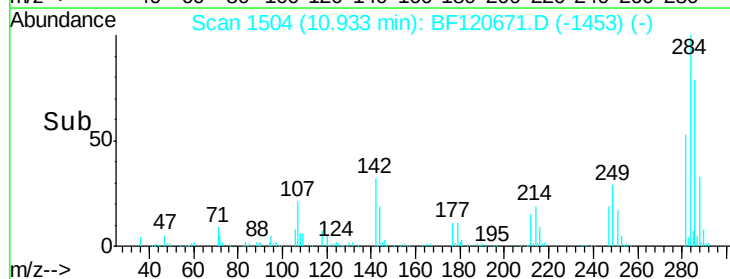
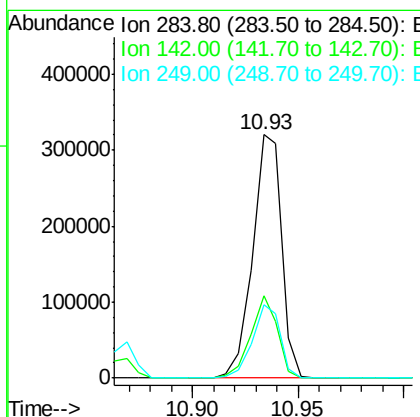
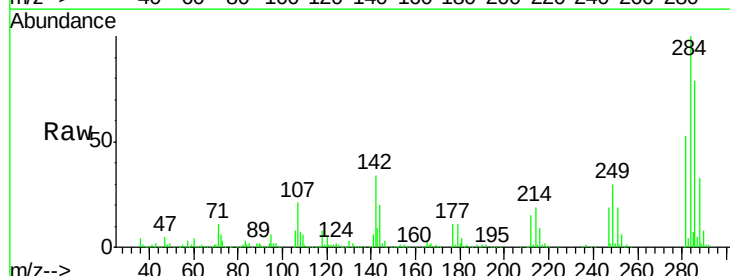
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

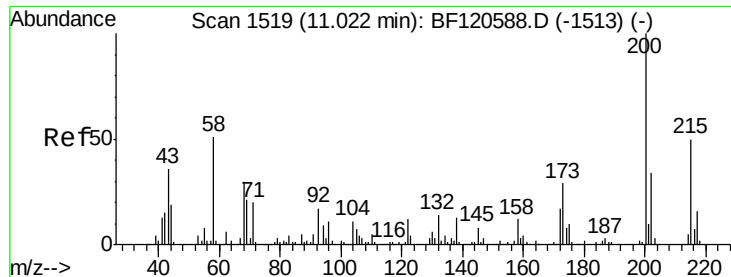
Tot Ion:248 Resp: 274054
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.7 115.1
 141 62.9 49.4 74.0



#68
 Hexachlorobenzene
 Concen: 45.837 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion:284 Resp: 305730
 Ion Ratio Lower Upper
 284 100
 142 33.9 25.1 37.7
 249 30.1 24.0 36.0

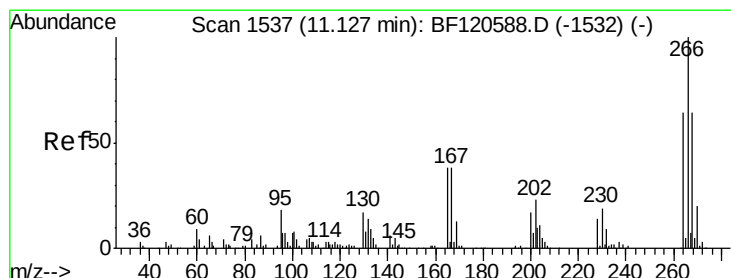
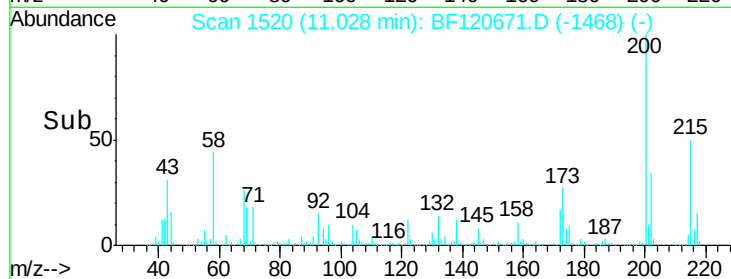
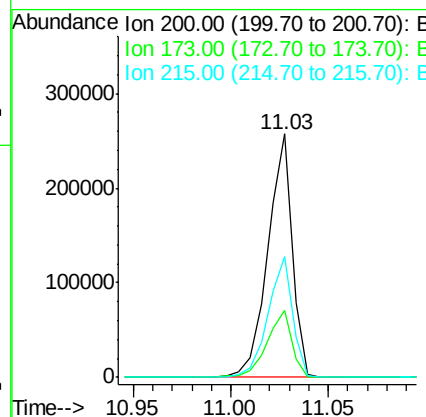
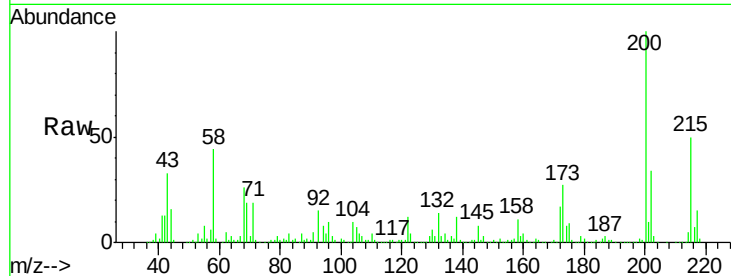




#69
Atrazine
Concen: 42.892 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

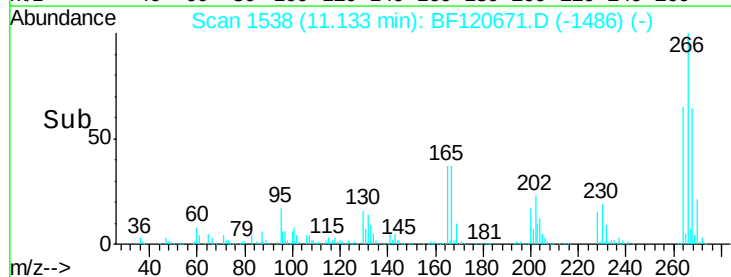
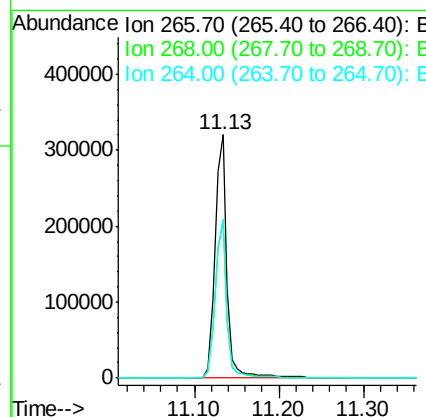
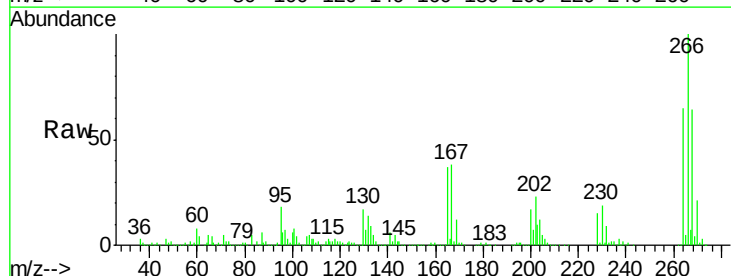
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

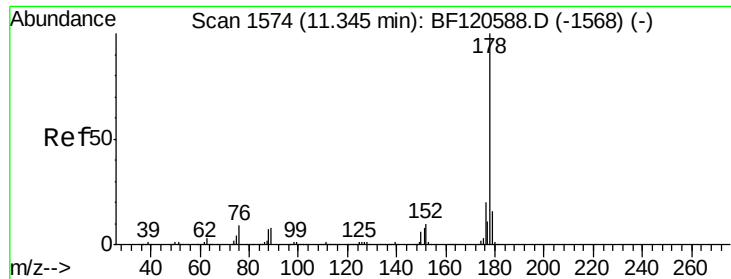
Tot Ion:200 Resp: 222801
Ion Ratio Lower Upper
200 100
173 27.4 9.1 49.1
215 49.7 29.8 69.8



#70
Pentachlorophenol
Concen: 87.318 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:266 Resp: 323794
Ion Ratio Lower Upper
266 100
268 64.4 51.4 77.0
264 65.2 50.8 76.2

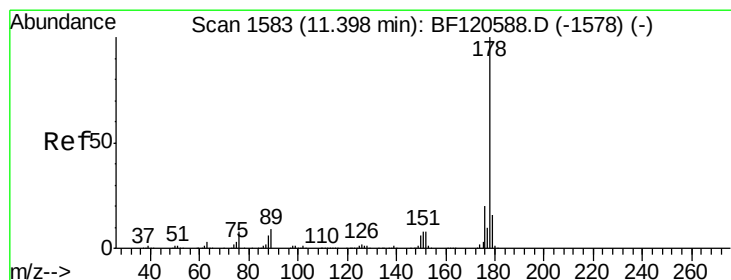
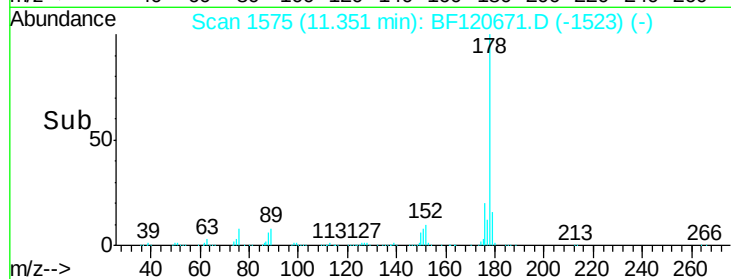
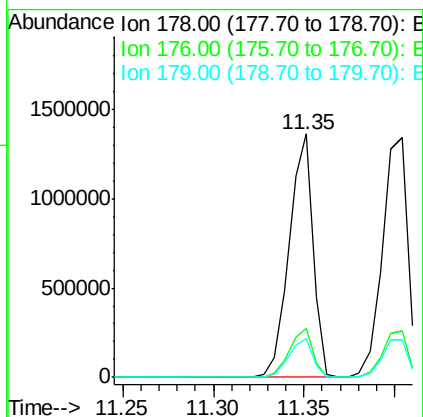
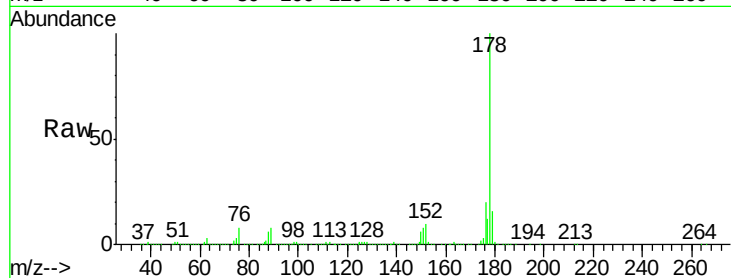




#71
Phenanthrene
Concen: 46.369 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

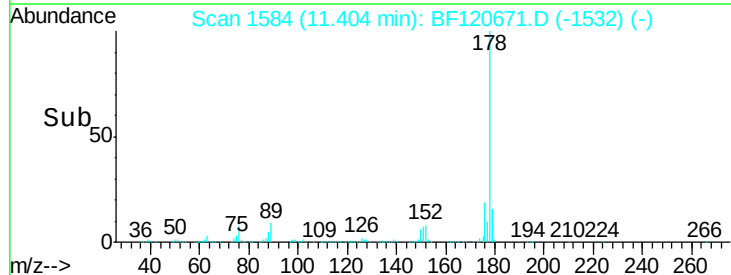
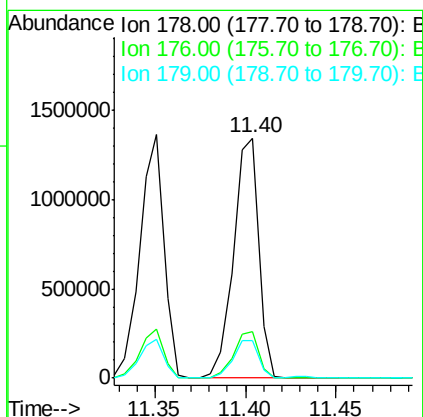
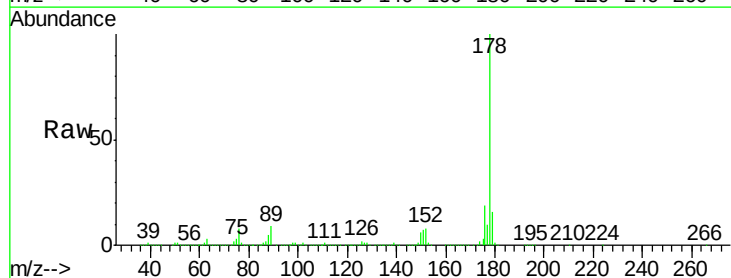
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

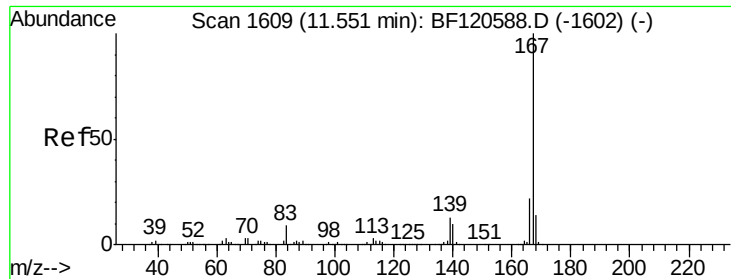
Tot Ion:178 Resp: 1259943
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 15.9 12.8 19.2



#72
Anthracene
Concen: 47.545 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:178 Resp: 1302192
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.8 12.9 19.3

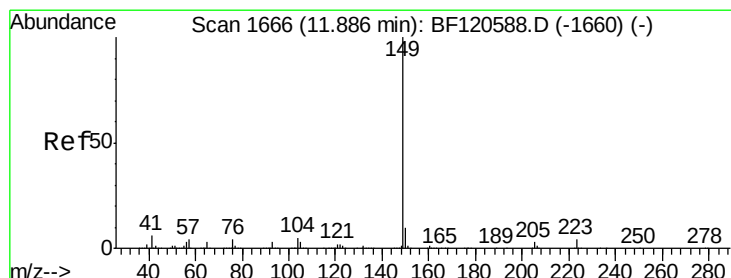
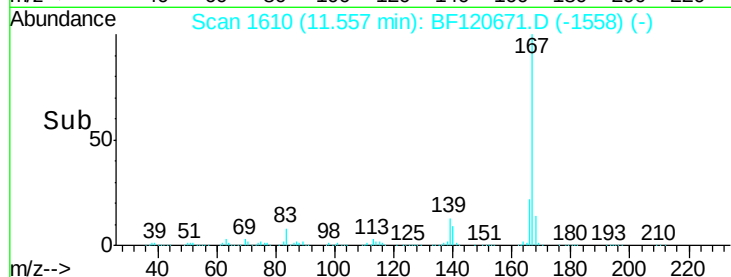
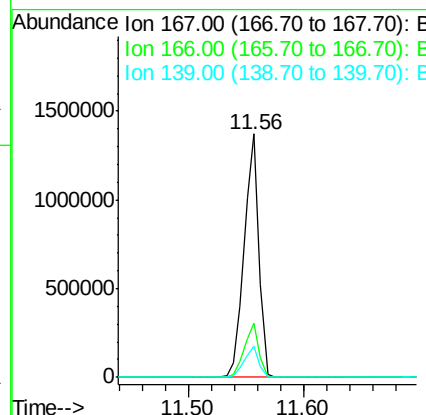
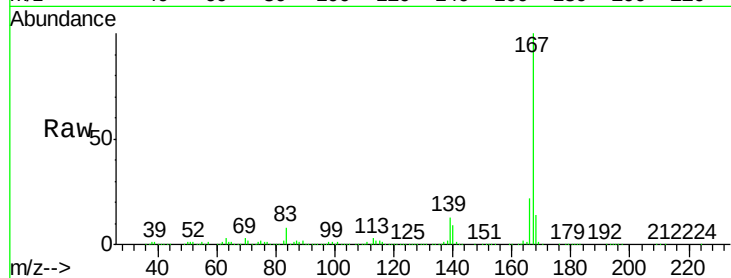




#73
 Carbazole
 Concen: 44.609 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

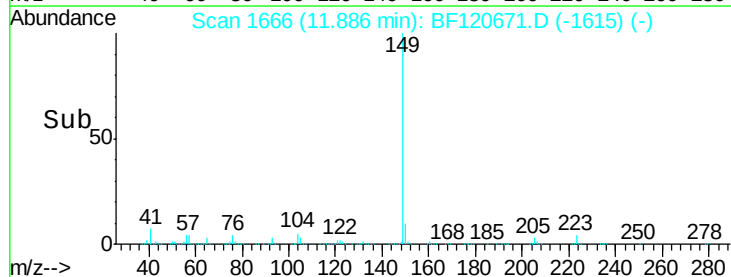
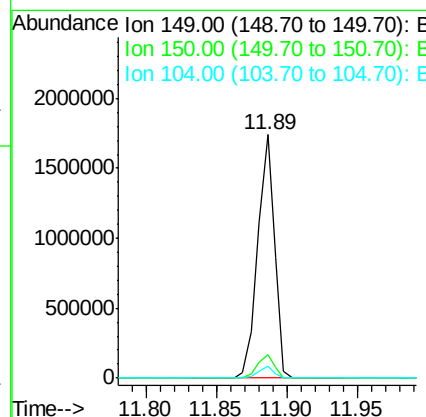
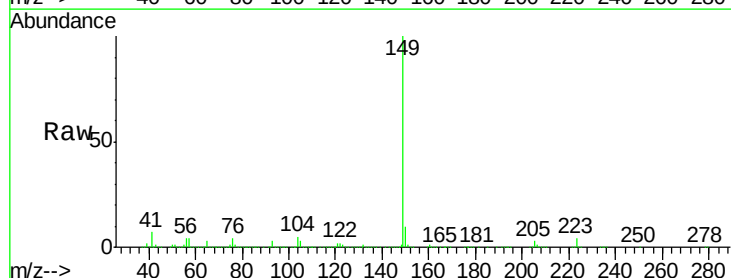
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

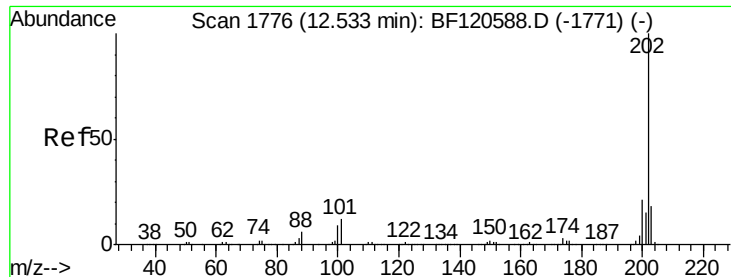
Tot Ion:167 Resp: 1209456
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 12.7 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 48.153 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion:149 Resp: 1467750
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 45.620 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

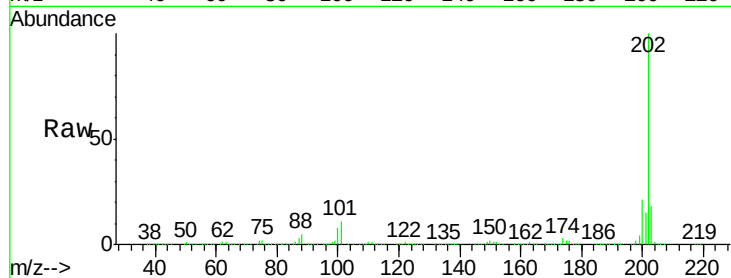
Tot Ion:202 Resp: 1417263

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.0

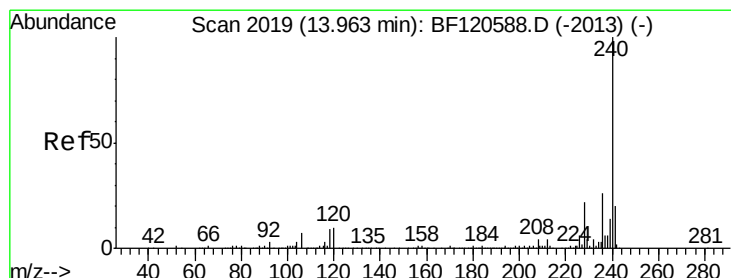
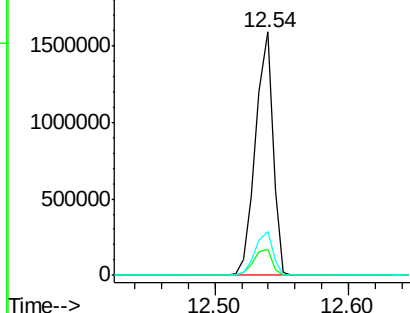
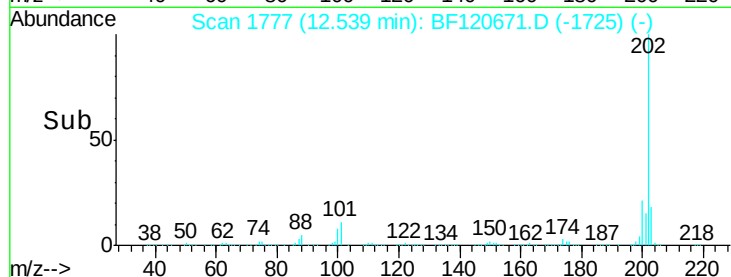
203 18.1 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

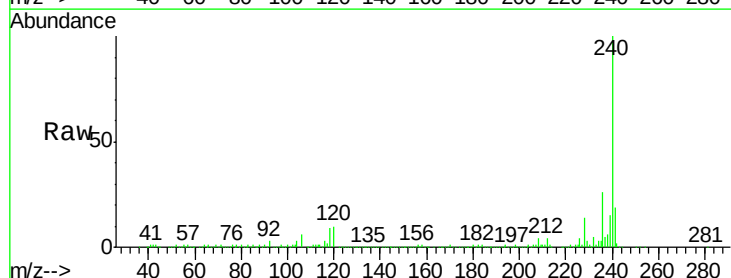
Tgt Ion:240 Resp: 443220

Ion Ratio Lower Upper

240 100

120 9.5 8.3 12.5

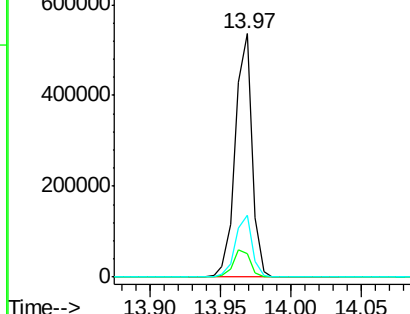
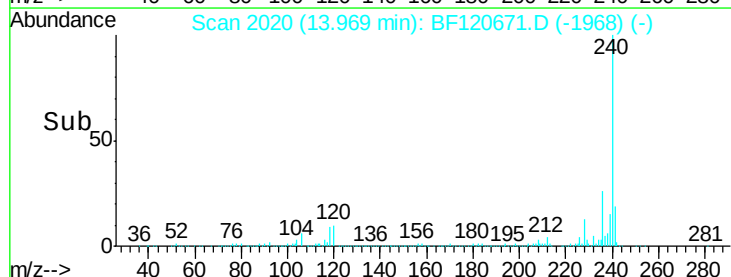
236 25.6 21.0 31.4

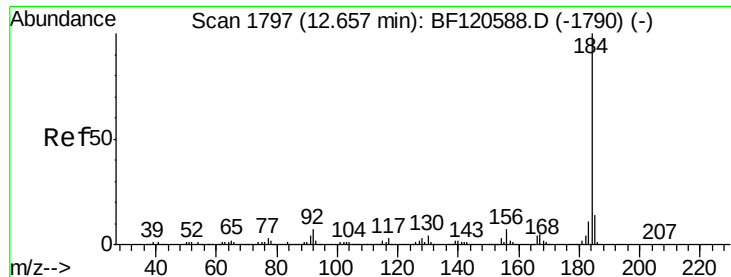


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.629 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

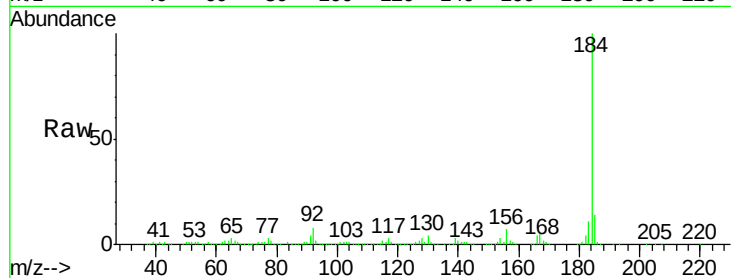
Tot Ion:184 Resp: 653969

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

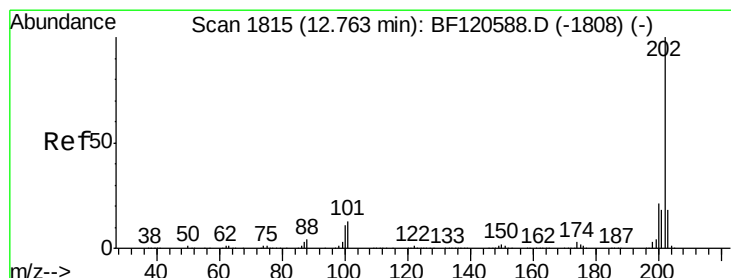
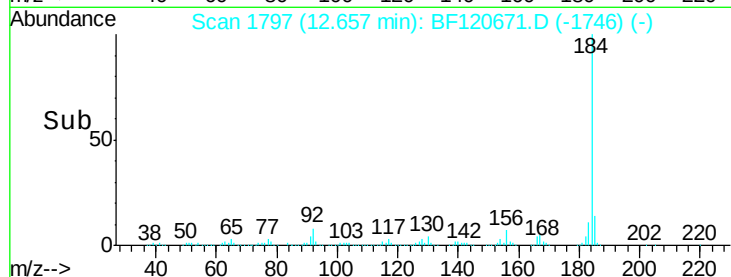
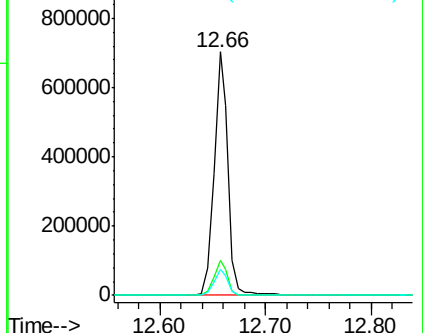
183 10.9 9.0 13.6



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: 45.843 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

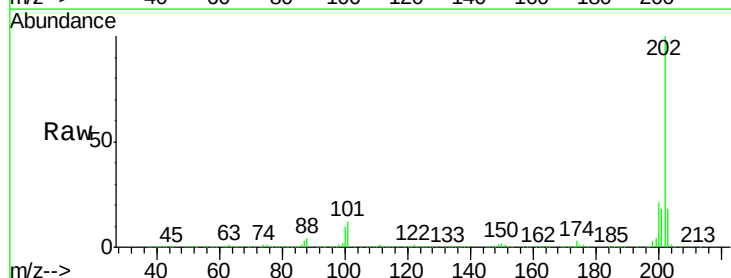
Tgt Ion:202 Resp: 1439388

Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

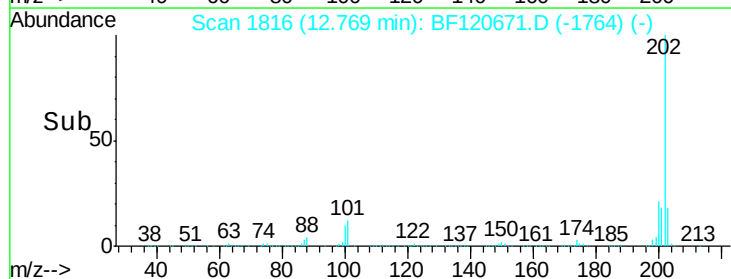
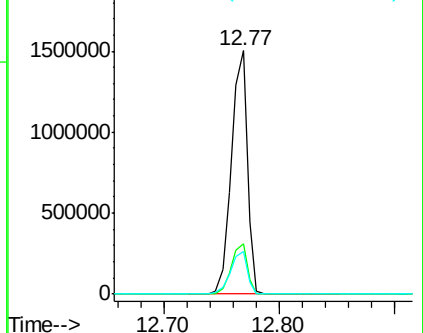
203 17.6 14.3 21.5

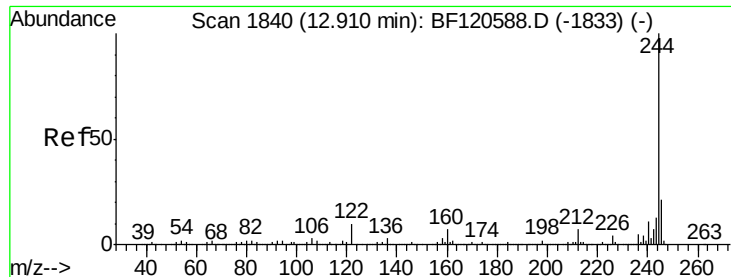


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.537 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

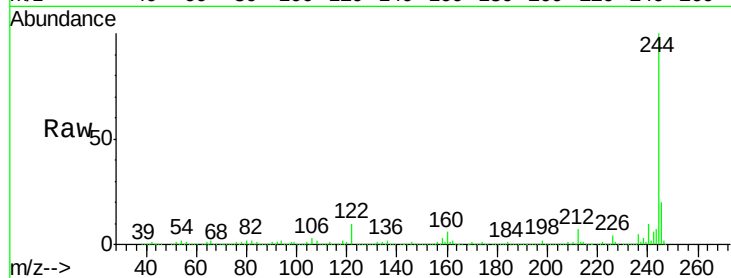
Tot Ion:244 Resp: 1415344

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

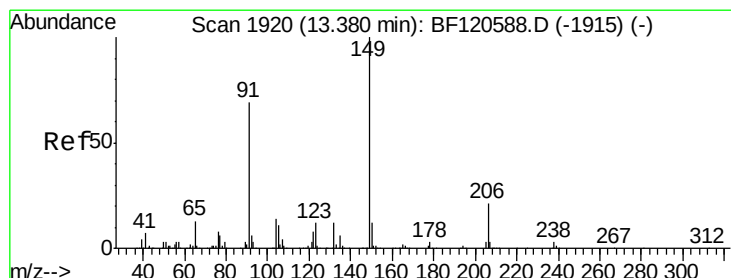
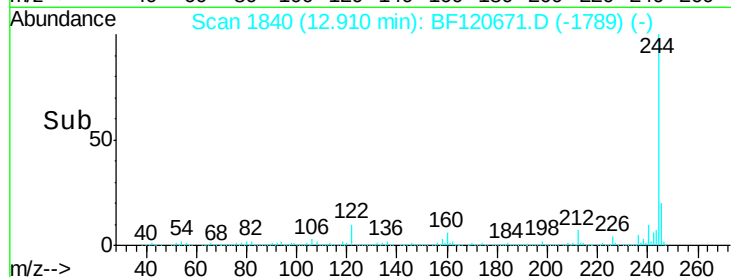
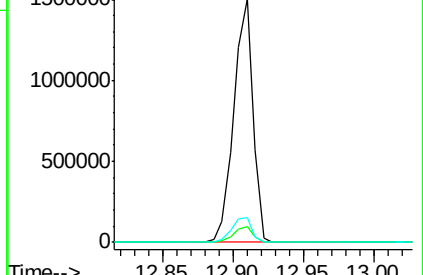
122 10.1 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.471 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

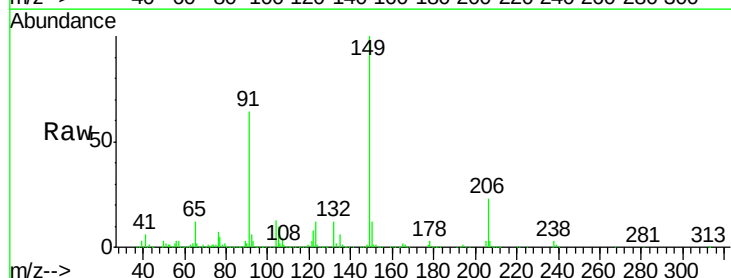
Tgt Ion:149 Resp: 647901

Ion Ratio Lower Upper

149 100

91 63.9 55.4 83.0

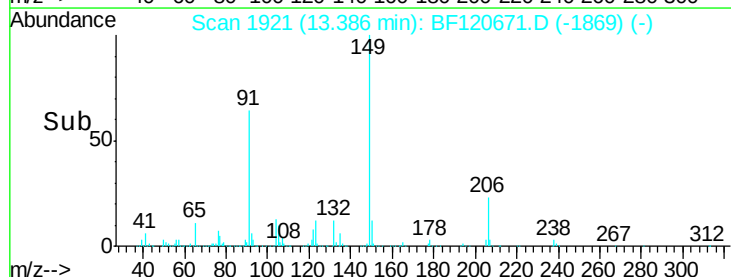
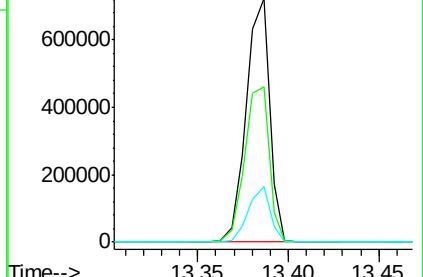
206 22.7 17.0 25.4

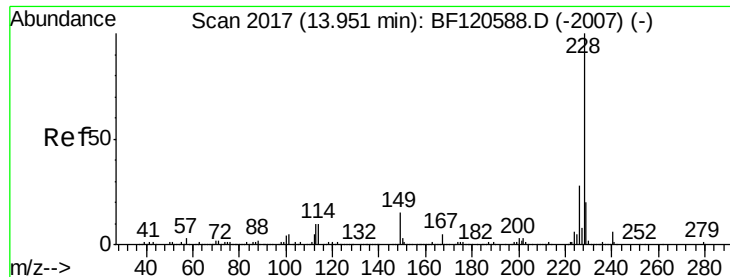


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.836 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

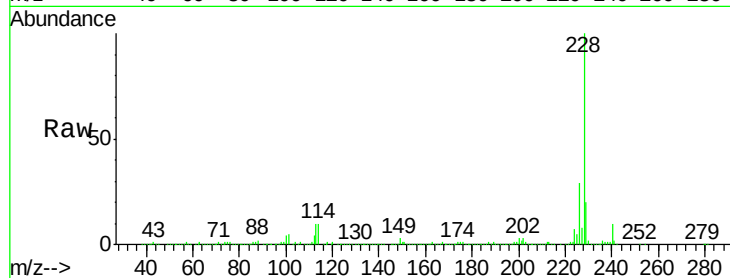
BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

Tot Ion:228 Resp: 1247168

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	20.4	16.1	24.1

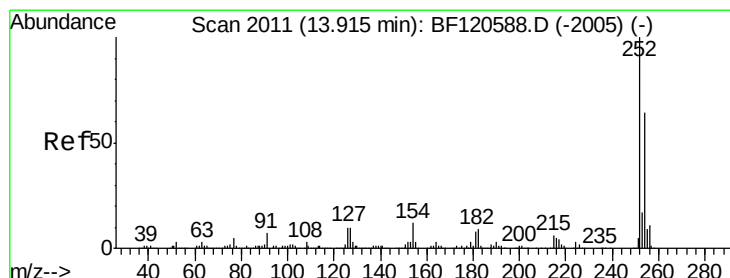
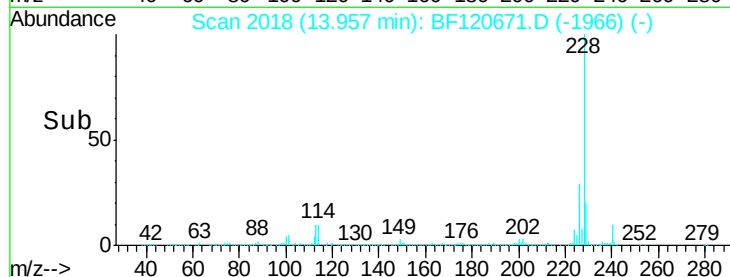
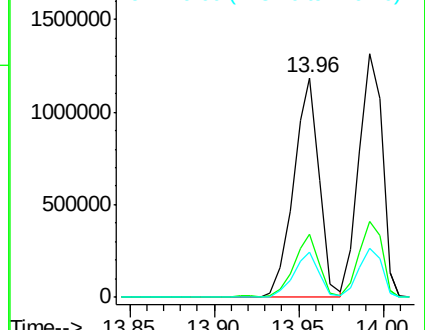


Abundance

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: 41.515 ng

RT: 13.92 min Scan# 2011

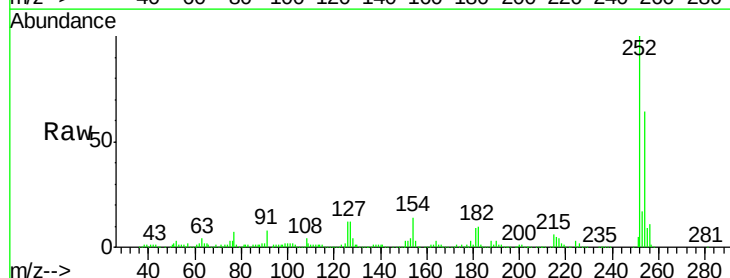
Delta R.T. 0.00 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Tgt Ion:252 Resp: 422253

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	11.7	7.9	11.9

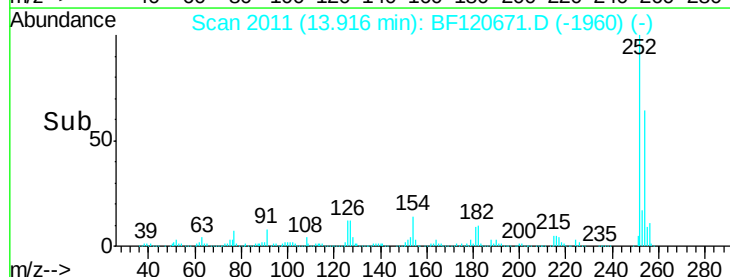
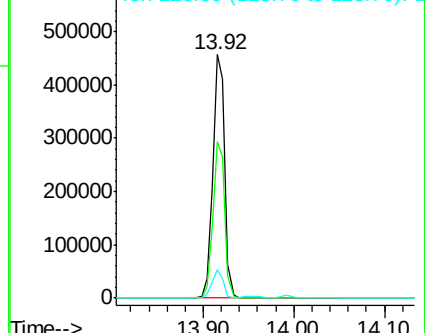


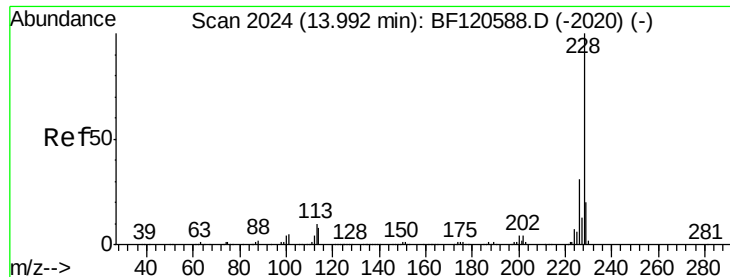
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 46.353 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

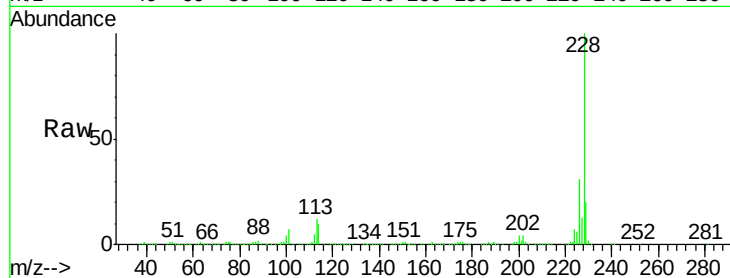
Tot Ion:228 Resp: 1266091

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

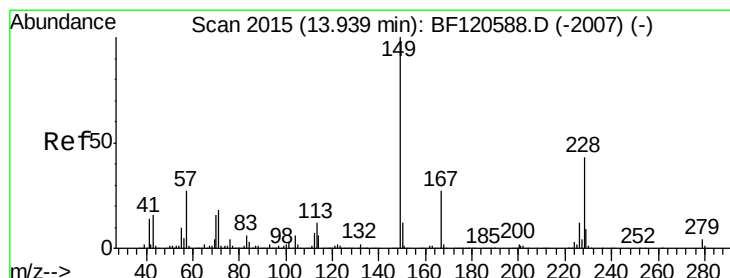
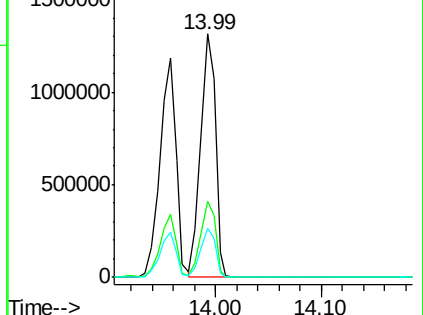
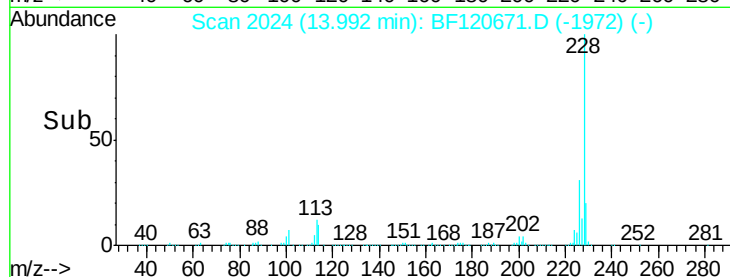
229 20.2 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.263 ng

RT: 13.95 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

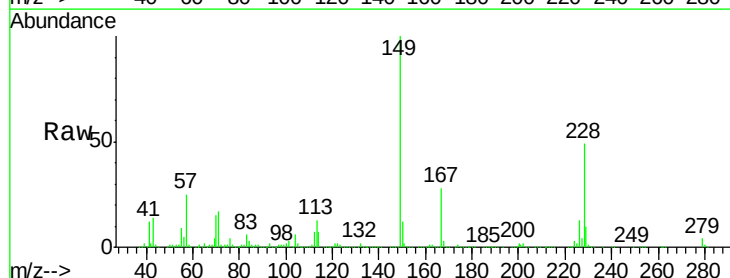
Tgt Ion:149 Resp: 855250

Ion Ratio Lower Upper

149 100

167 28.4 22.0 33.0

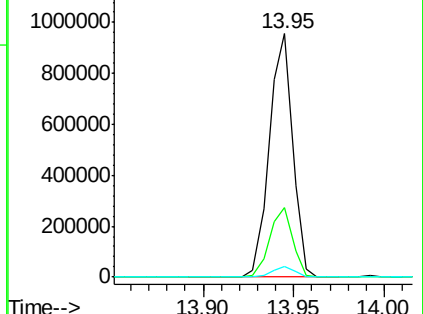
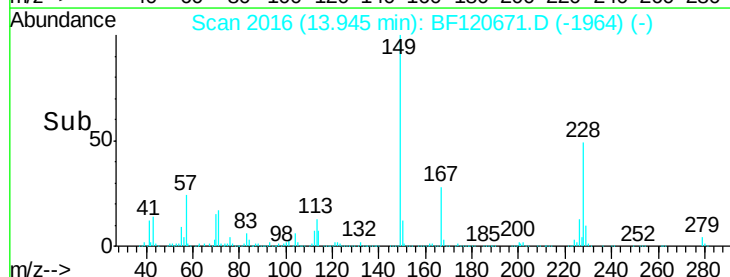
279 4.4 3.0 4.6

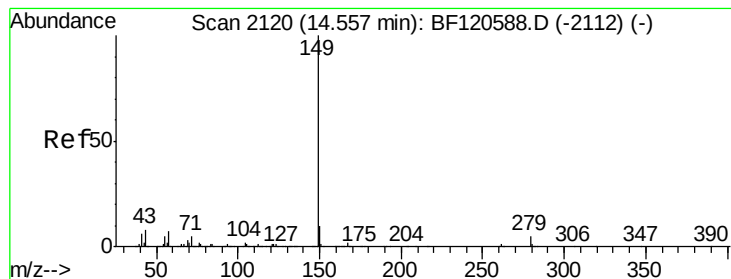


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.809 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

Instrument :

BNA_F

ClientSampleId :

MW-27(16.5-18.5)MS

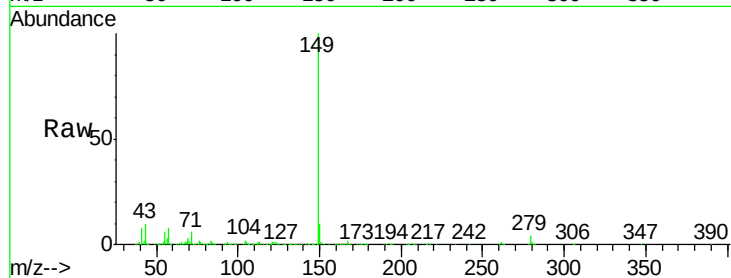
Tot Ion:149 Resp: 1584974

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

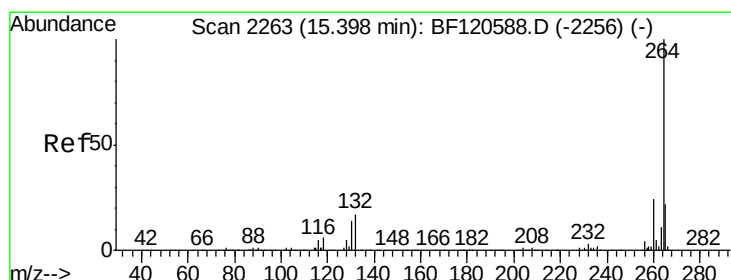
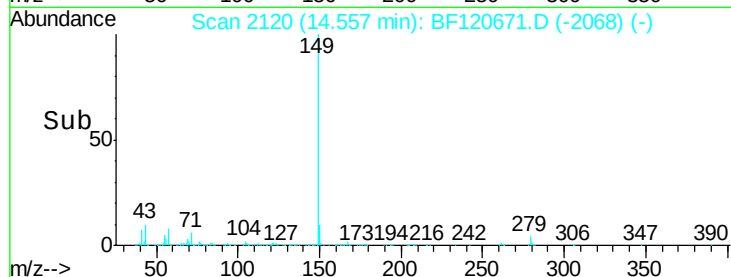
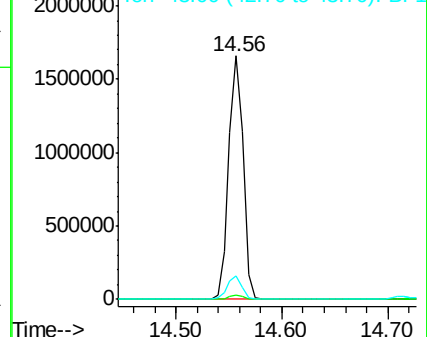
43 9.5 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120671.D

Acq: 19 Jun 2020 18:48

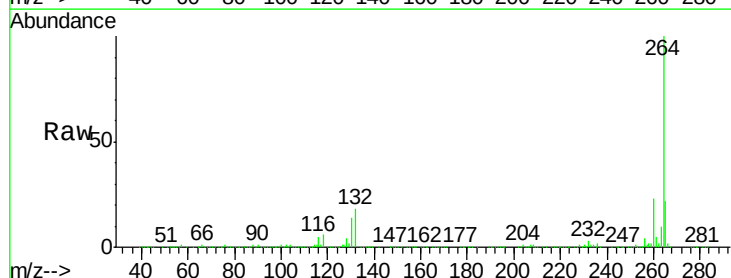
Tgt Ion:264 Resp: 502120

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

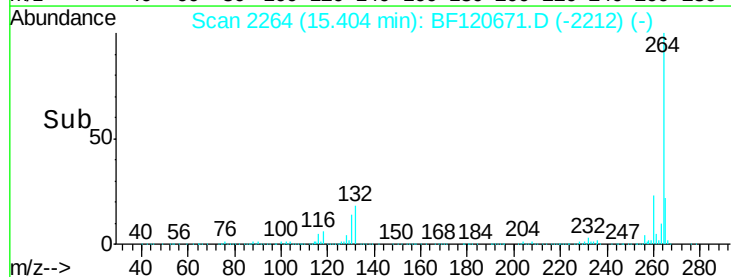
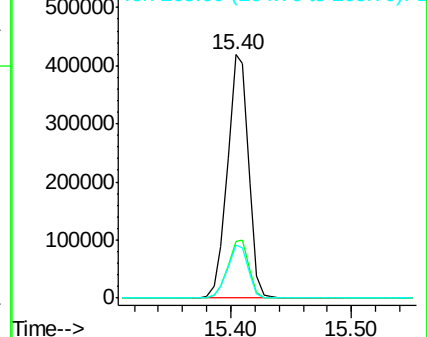
265 21.9 17.8 26.8

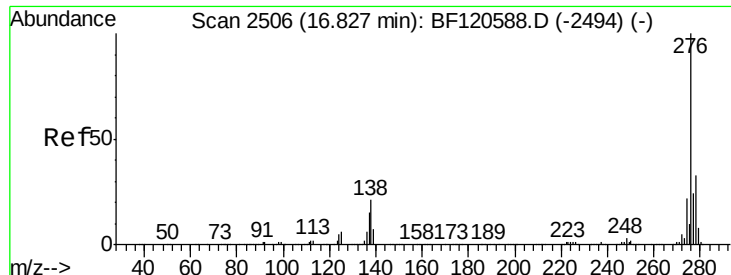


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

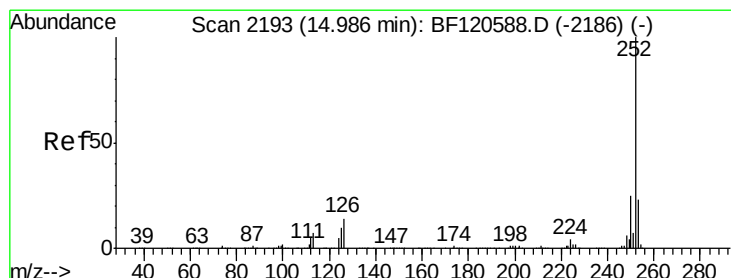
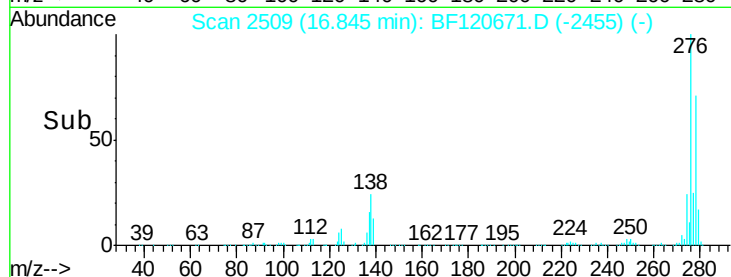
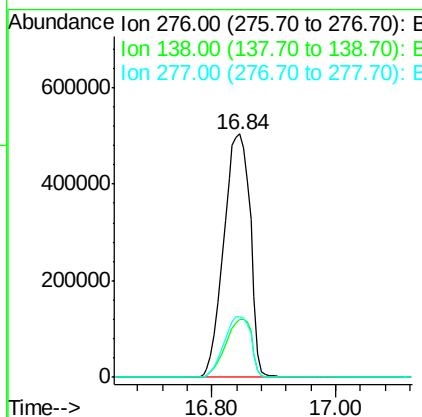
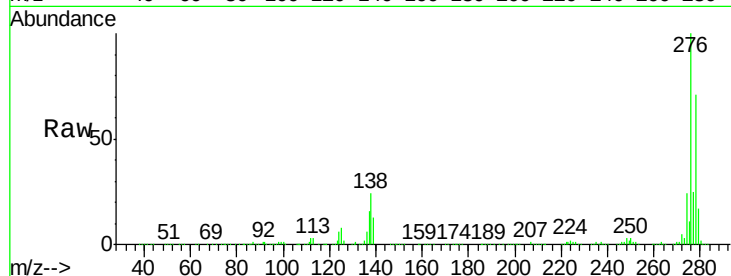




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.904 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

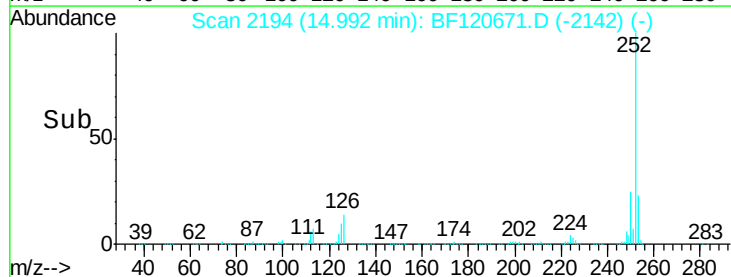
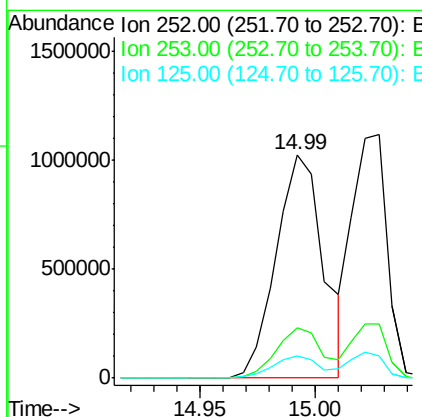
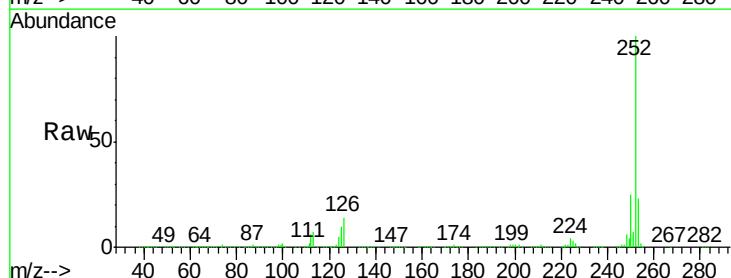
Instrument :
 BNA_F
 ClientSampleId :
 MW-27(16.5-18.5)MS

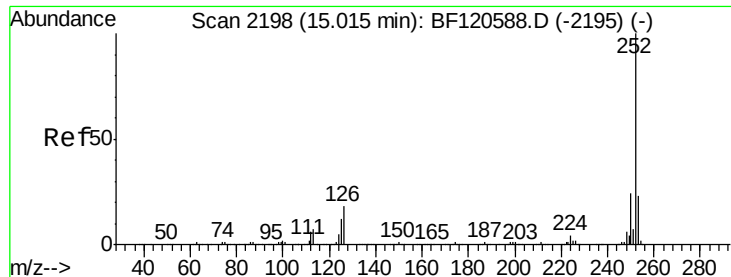
Tot Ion:276 Resp: 1493681
 Ion Ratio Lower Upper
 276 100
 138 24.1 18.9 28.3
 277 25.3 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 48.921 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120671.D
 Acq: 19 Jun 2020 18:48

Tgt Ion:252 Resp: 1463228
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.1 27.1
 125 10.1 8.3 12.5

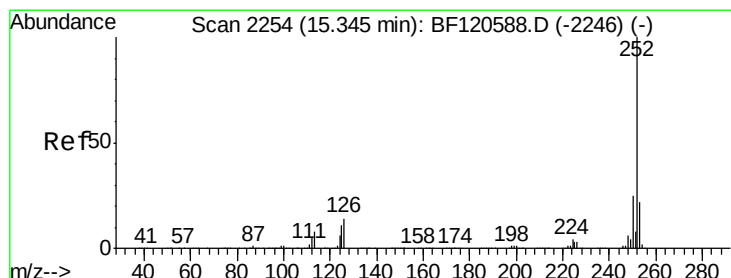
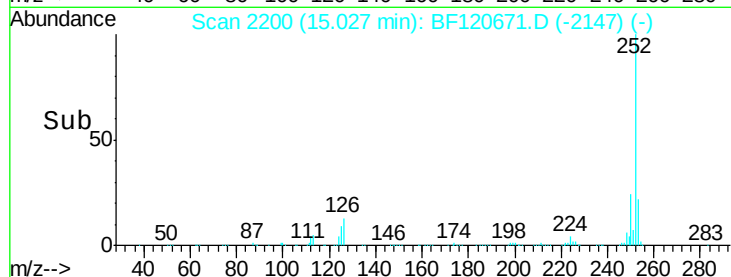
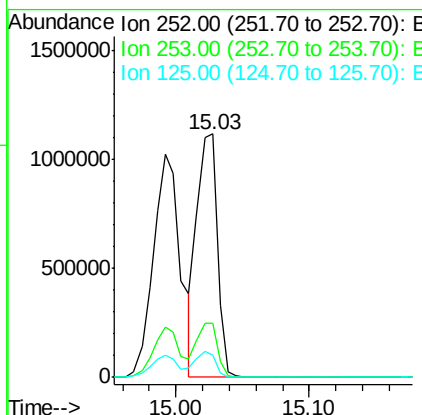
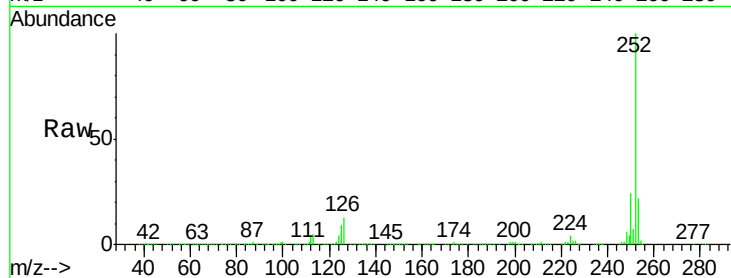




#89
Benzo(k)fluoranthene
Concen: 44.452 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

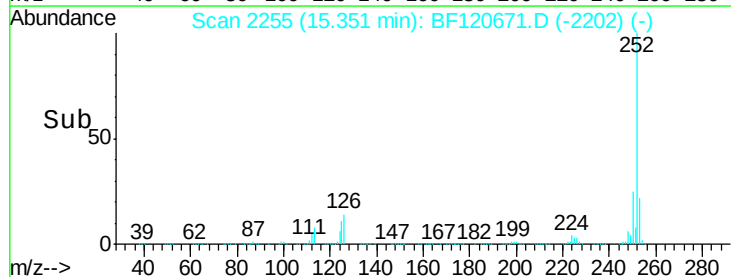
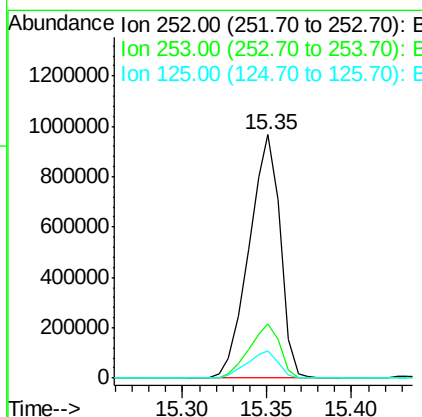
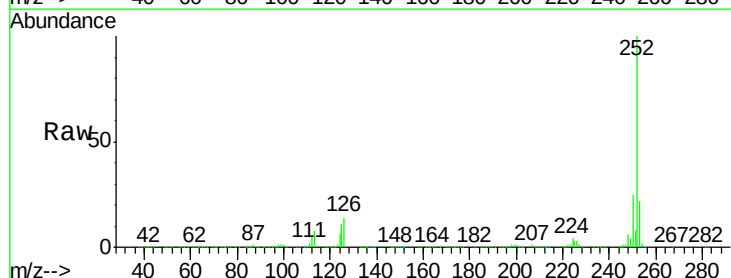
Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

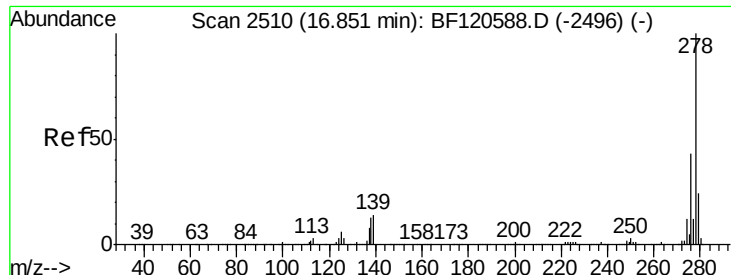
Tot Ion:252 Resp: 1176483
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 46.215 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:252 Resp: 1237110
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.2 8.6 12.8

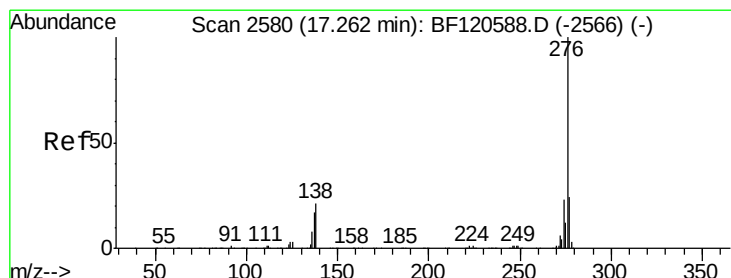
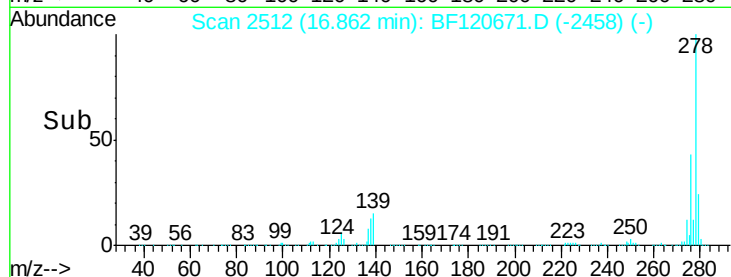
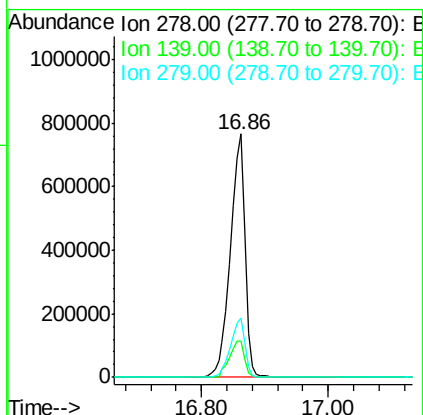
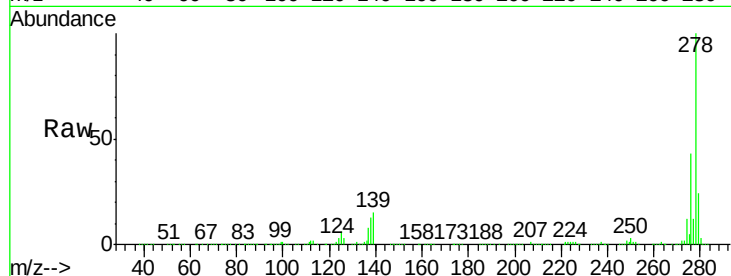




#91
Dibenzo(a,h)anthracene
Concen: 49.734 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Instrument :
BNA_F
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion:278 Resp: 1218107
Ion Ratio Lower Upper
278 100
139 14.8 11.4 17.2
279 24.2 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.438 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.02 min
Lab File: BF120671.D
Acq: 19 Jun 2020 18:48

Tgt Ion:276 Resp: 1220492
Ion Ratio Lower Upper
276 100
277 24.1 19.6 29.4
138 21.0 16.5 24.7

