

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
 Data File : BF120553.D
 Acq On : 5 Jun 2020 11:48
 Operator : JU/CG
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 05 15:33:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 16:38:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	121403	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	450298	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	221726	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	410971	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	383278	20.00	ng	-0.02
86) Perylene-d12	15.43	264	283017	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	794356	124.70	ng	-0.01
7) Phenol-d6	6.46	99	835707	106.43	ng	-0.01
23) Nitrobenzene-d5	7.39	82	600457	87.23	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	193008	93.95	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	1139863	87.22	ng	-0.02
79) Terphenyl-d14	12.93	244	1465910	85.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	180980	57.352	ng	99
3) Pyridine	3.29	79	477262	54.609	ng	98
4) n-Nitrosodimethylamine	3.24	42	196112	53.024	ng	100
6) Aniline	6.49	93	564287	51.541	ng	98
8) 2-Chlorophenol	6.60	128	306980	42.737	ng	100
9) Benzaldehyde	6.37	77	229651	47.989	ng	98
10) Phenol	6.47	94	489452	57.003	ng	90
11) bis(2-Chloroethyl)ether	6.56	93	289376	40.330	ng	100
12) 1,3-Dichlorobenzene	6.76	146	341914	43.327	ng	96
13) 1,4-Dichlorobenzene	6.84	146	343742	43.659	ng	98
14) 1,2-Dichlorobenzene	6.99	146	323281	44.454	ng	100
15) Benzyl Alcohol	6.96	79	256200	43.285	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	436718	38.608	ng	99
17) 2-Methylphenol	7.07	107	262084	40.803	ng	98
18) Hexachloroethane	7.33	117	126077	43.745	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	192062	38.480	ng	97
20) 3+4-Methylphenols	7.23	107	311741	38.418	ng	94
22) Acetophenone	7.23	105	392202	42.886	ng	99
24) Nitrobenzene	7.40	77	315782	42.584	ng	96
25) Isophorone	7.64	82	548085	39.614	ng	99
26) 2-Nitrophenol	7.72	139	160087	47.882	ng	99
27) 2,4-Dimethylphenol	7.76	122	234964	40.468	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	339157	40.705	ng	98
29) 2,4-Dichlorophenol	7.96	162	251471	42.879	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	288975	43.908	ng	100
31) Naphthalene	8.12	128	860865	43.530	ng	100
32) Benzoic acid	7.87	122	151399	35.138	ng	93
33) 4-Chloroaniline	8.17	127	363610	41.486	ng	98
34) Hexachlorobutadiene	8.24	225	179341	45.972	ng	99
35) Caprolactam	8.54	113	72699	38.277	ng	99
36) 4-Chloro-3-methylphenol	8.66	107	246221	41.382	ng	95
37) 2-Methylnaphthalene	8.82	142	565079	43.139	ng	99
38) 1-Methylnaphthalene	8.92	142	527146	42.634	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	271978	47.832	ng	100

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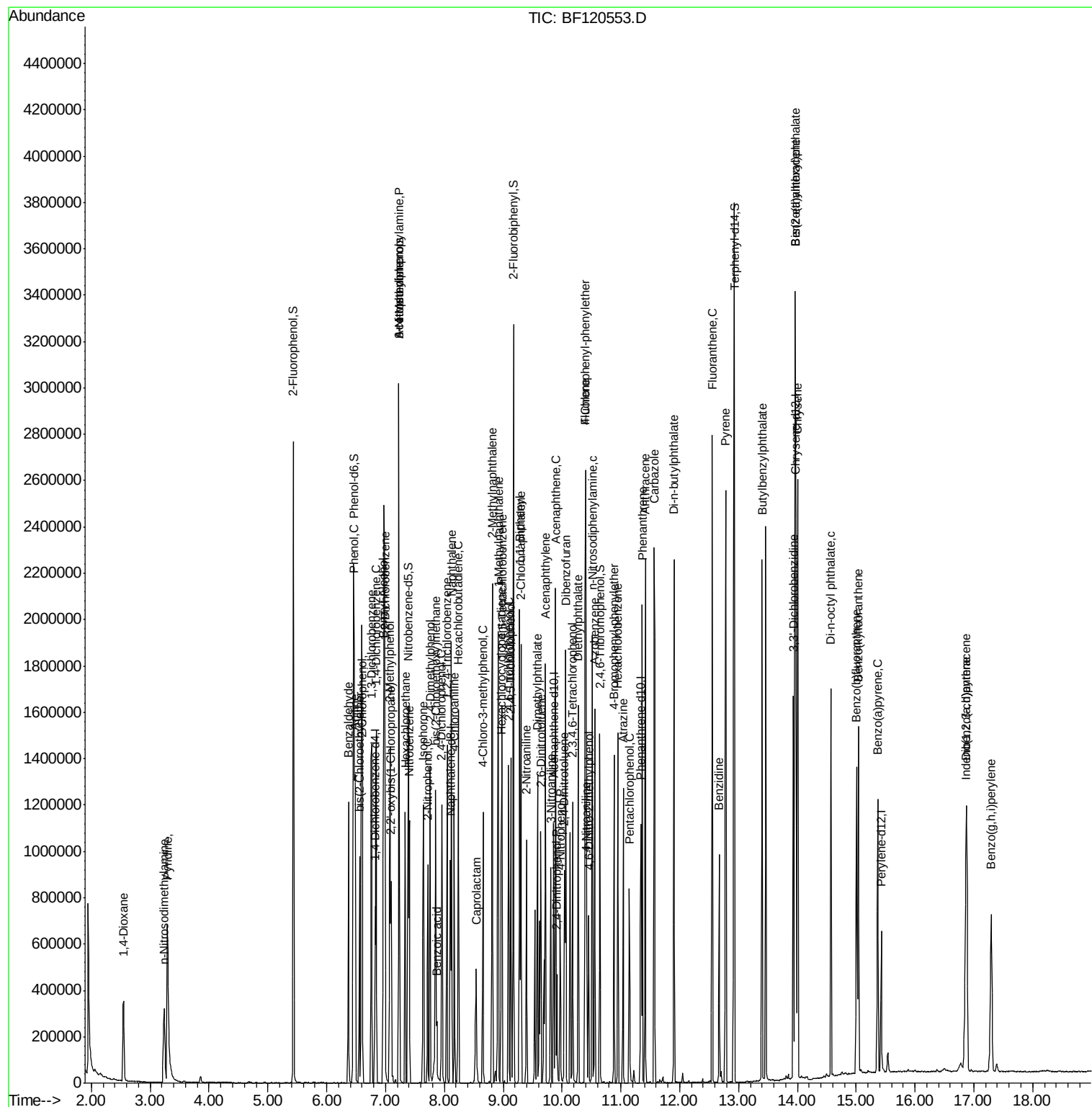
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	165431	52.130	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	184353	44.830	ng	97
44) 2,4,5-Trichlorophenol	9.13	196	208177	44.659	ng	97
46) 1,1'-Biphenyl	9.28	154	664471	45.619	ng	97
47) 2-Chloronaphthalene	9.30	162	542650	45.244	ng	99
48) 2-Nitroaniline	9.40	65	158130	43.286	ng	95
49) Acenaphthylene	9.72	152	830021	44.783	ng	99
50) Dimethylphthalate	9.58	163	599194	43.227	ng	99
51) 2,6-Dinitrotoluene	9.64	165	135229	43.898	ng	100
52) Acenaphthene	9.89	154	523199	45.230	ng	100
53) 3-Nitroaniline	9.81	138	152863	42.258	ng	96
54) 2,4-Dinitrophenol	9.92	184	64527	54.675	ng	# 87
55) Dibenzofuran	10.06	168	744831	44.309	ng	96
56) 4-Nitrophenol	9.97	139	110369	39.852	ng	95
57) 2,4-Dinitrotoluene	10.04	165	175157	44.427	ng	99
58) Fluorene	10.40	166	561378	44.502	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	158034	43.506	ng	99
60) Diethylphthalate	10.27	149	594338	42.429	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	292433	42.759	ng	95
62) 4-Nitroaniline	10.42	138	148600	43.513	ng	94
63) Azobenzene	10.56	77	550351	41.770	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	91368	60.953	ng	92
66) n-Nitrosodiphenylamine	10.52	169	506732	44.388	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	187470	45.191	ng	97
68) Hexachlorobenzene	10.95	284	203195	45.994	ng	99
69) Atrazine	11.04	200	140888	43.785	ng	98
70) Pentachlorophenol	11.15	266	100487	37.202	ng	99
71) Phenanthrene	11.36	178	810544	44.760	ng	99
72) Anthracene	11.42	178	818982	45.075	ng	99
73) Carbazole	11.57	167	958495	54.542	ng	99
74) Di-n-butylphthalate	11.90	149	1181413	57.791	ng	99
75) Fluoranthene	12.55	202	1120944	57.528	ng	99
77) Benzidine	12.67	184	405224	40.239	ng	97
78) Pyrene	12.78	202	1068773	40.097	ng	99
80) Butylbenzylphthalate	13.40	149	489057	43.949	ng	98
81) Benzo(a)anthracene	13.97	228	934899	45.512	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	349413	46.853	ng	97
83) Chrysene	14.01	228	937559	43.536	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	658072	50.379	ng	98
85) Di-n-octyl phthalate	14.57	149	831457	36.786	ng	99
87) Indeno(1,2,3-cd)pyrene	16.86	276	687953	44.443	ng	98
88) Benzo(b)fluoranthene	15.01	252	667349	42.453	ng	97
89) Benzo(k)fluoranthene	15.04	252	624910	42.583	ng	# 96
90) Benzo(a)pyrene	15.37	252	593683	43.177	ng	97
91) Dibenzo(a,h)anthracene	16.88	278	564496	44.730	ng	98
92) Benzo(g,h,i)perylene	17.30	276	557355	44.778	ng	98

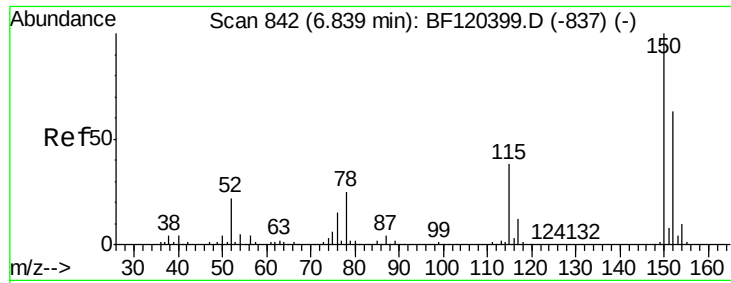
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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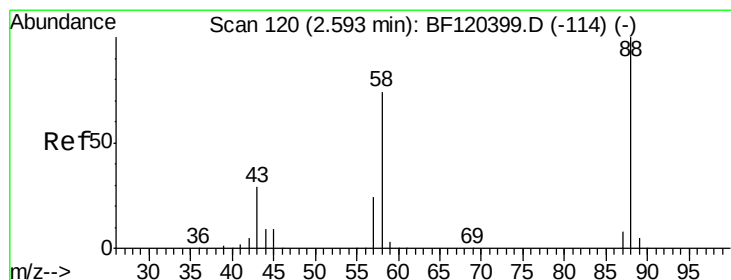
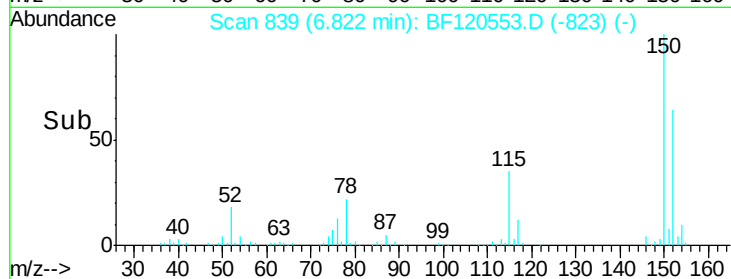
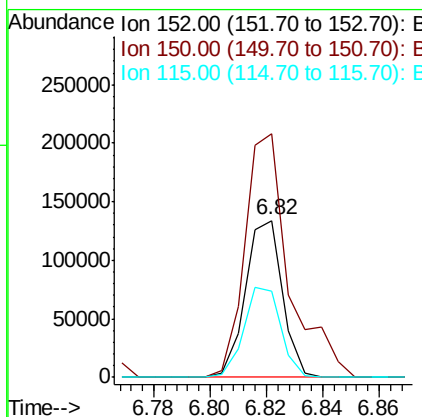
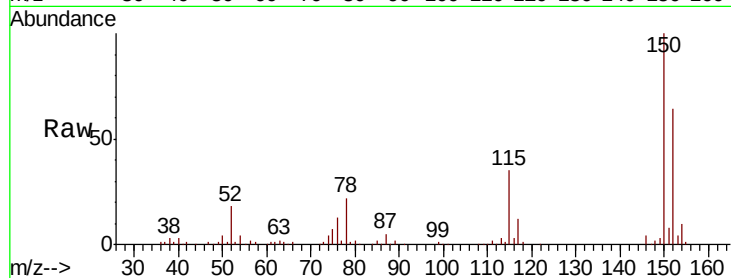




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

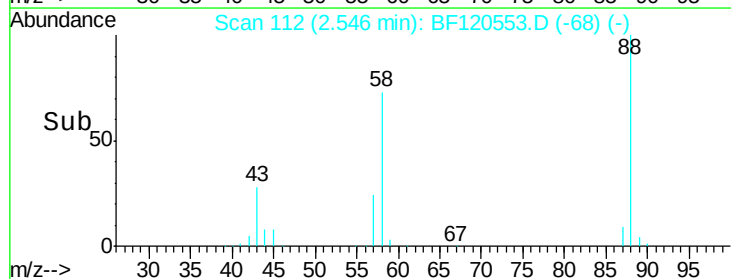
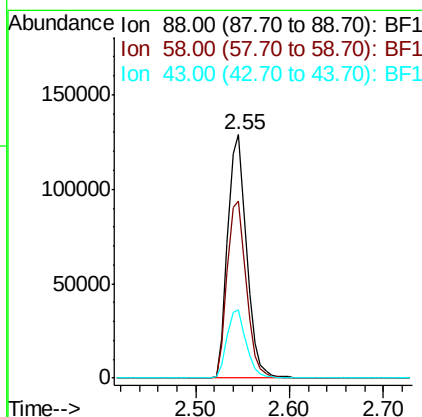
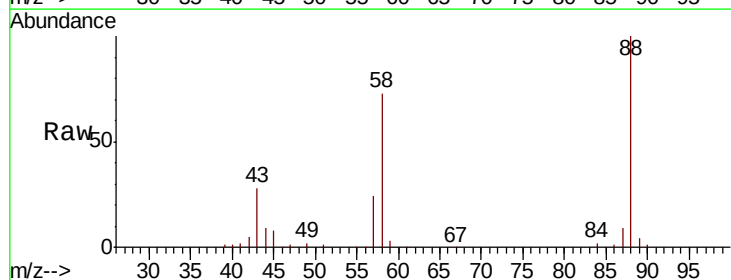
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

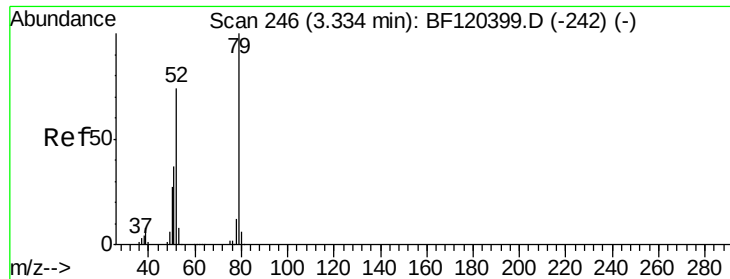
Tot Ion:152 Resp: 121403
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.3 189.5
 115 54.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: 57.352 ng
 RT: 2.55 min Scan# 112
 Delta R.T. -0.04 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion: 88 Resp: 180980
 Ion Ratio Lower Upper
 88 100
 58 73.5 59.2 88.8
 43 28.7 23.4 35.0

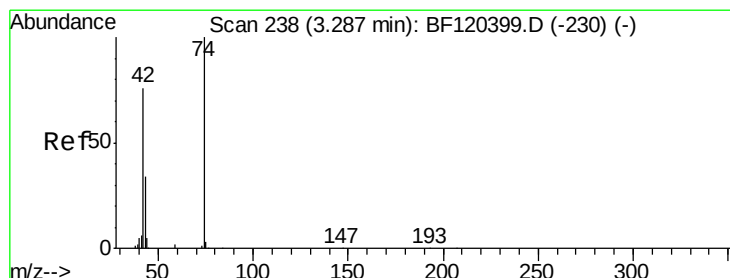
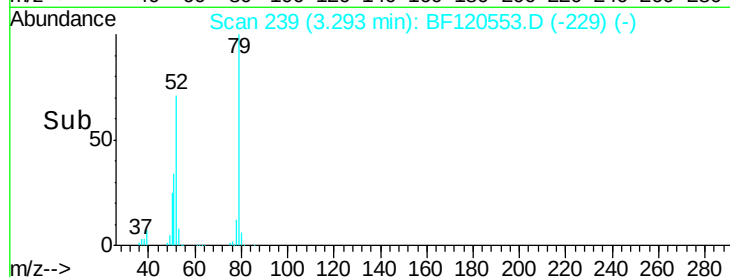
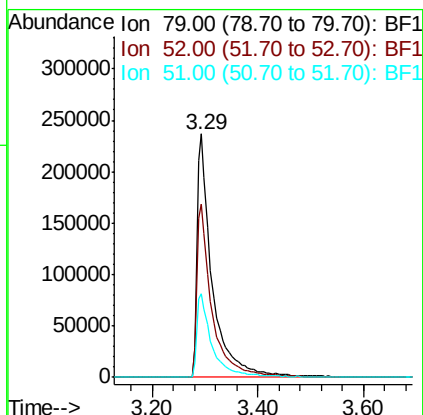
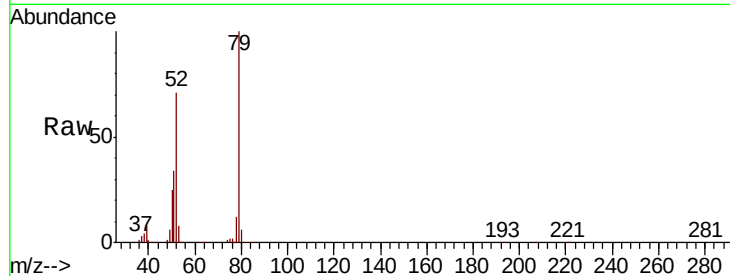




#3
 Pvridine
 Concen: 54.609 ng
 RT: 3.29 min Scan# 239
 Delta R.T. -0.04 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

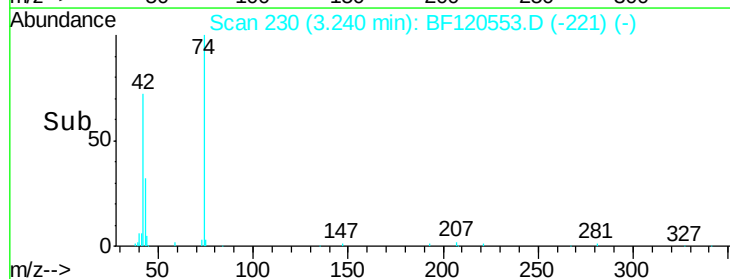
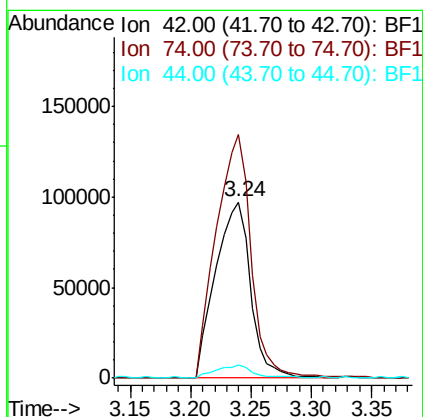
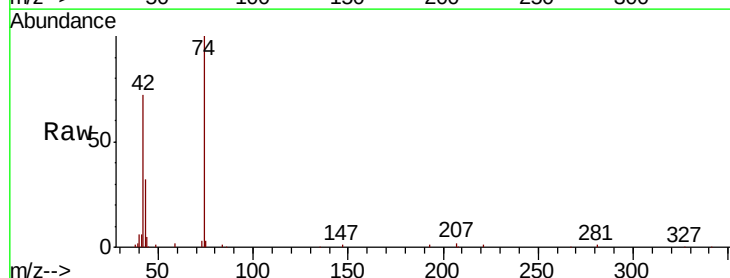
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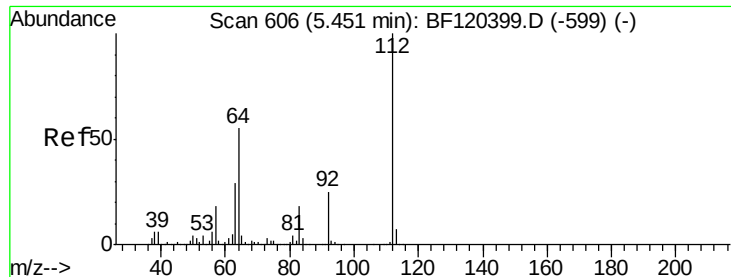
Tot Ion: 79 Resp: 477262
 Ion Ratio Lower Upper
 79 100
 52 71.2 57.8 86.8
 51 34.1 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 53.024 ng
 RT: 3.24 min Scan# 230
 Delta R.T. -0.05 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion: 42 Resp: 196112
 Ion Ratio Lower Upper
 42 100
 74 138.5 110.9 166.3
 44 7.3 5.4 8.2





#5

2-Fluorophenol

Concen: 124.696 ng

RT: 5.43 min Scan# 603

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

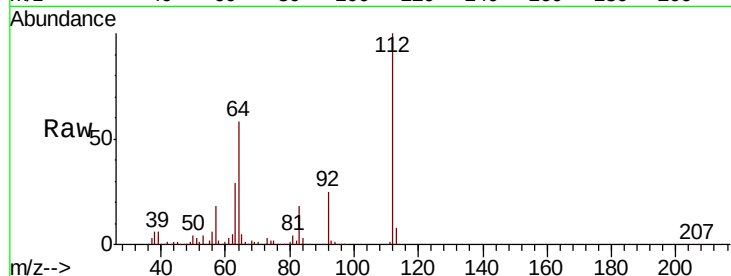
Tot Ion:112 Resp: 794356

Ion Ratio Lower Upper

112 100

64 58.1 47.2 70.8

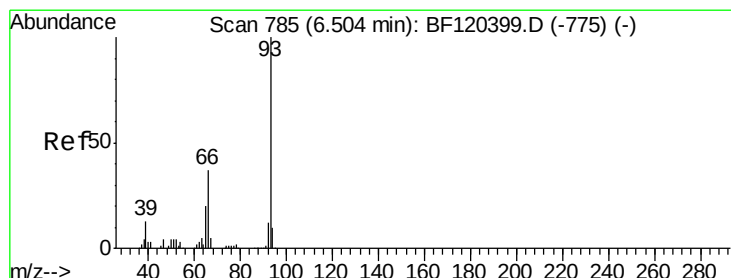
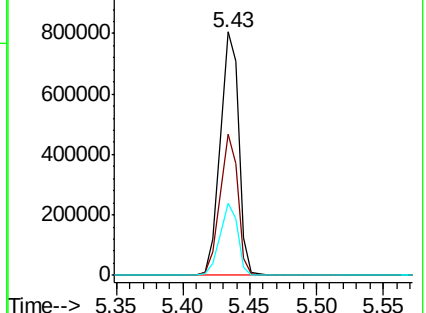
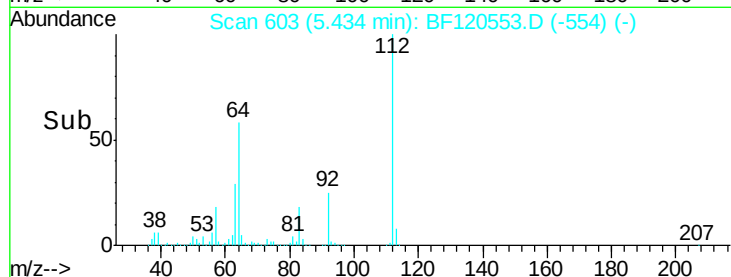
63 29.5 24.7 37.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 51.541 ng

RT: 6.49 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

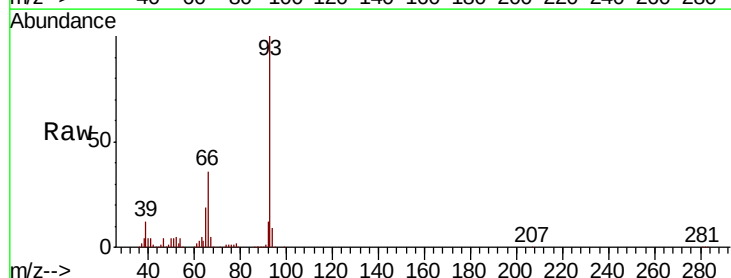
Tgt Ion: 93 Resp: 564287

Ion Ratio Lower Upper

93 100

66 36.4 30.0 45.0

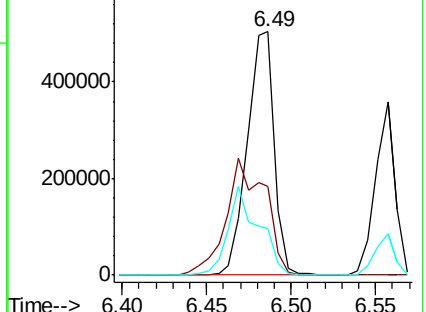
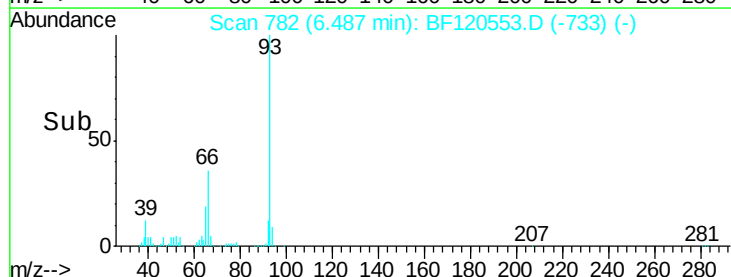
65 19.2 15.8 23.6

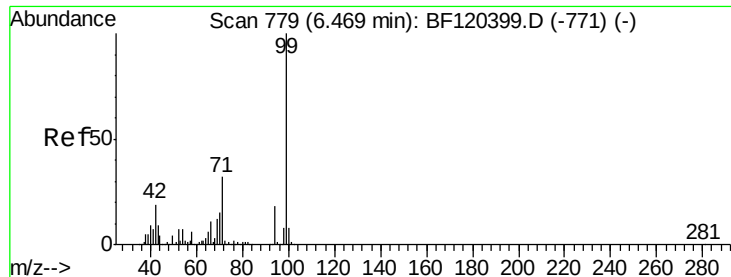


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.433 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

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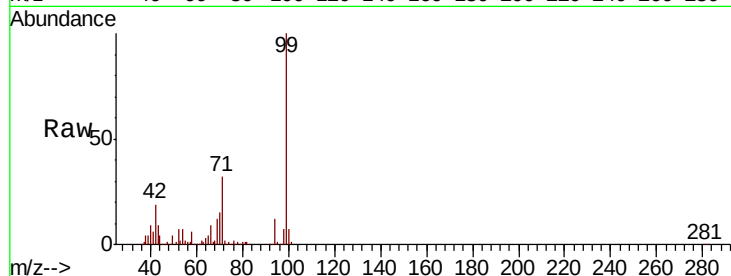
Tot Ion: 99 Resp: 835707

Ion Ratio Lower Upper

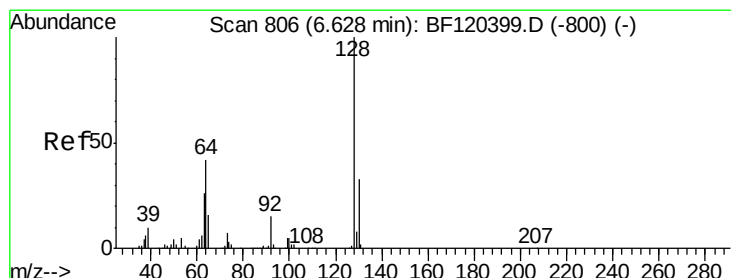
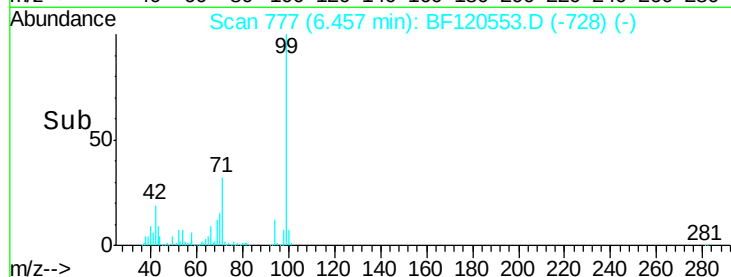
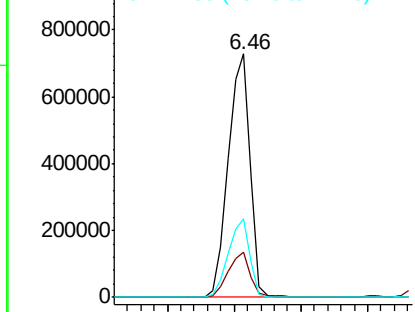
99 100

42 18.5 15.0 22.6

71 32.2 27.0 40.4



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: 42.737 ng

RT: 6.60 min Scan# 802

Delta R.T. -0.01 min

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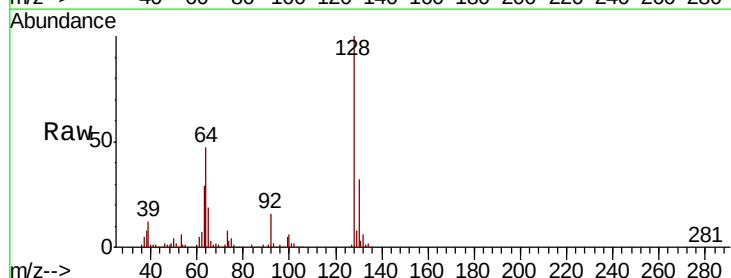
Tgt Ion: 128 Resp: 306980

Ion Ratio Lower Upper

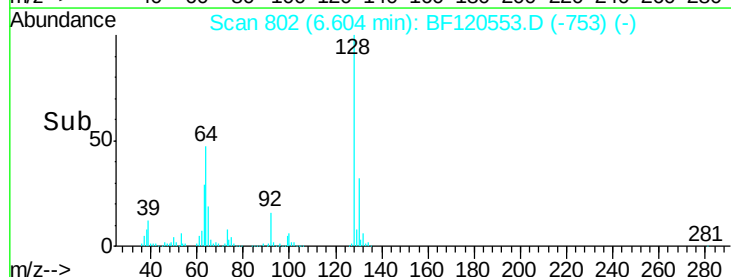
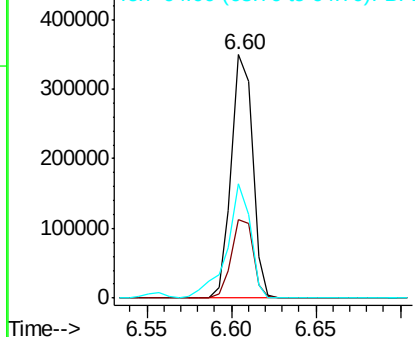
128 100

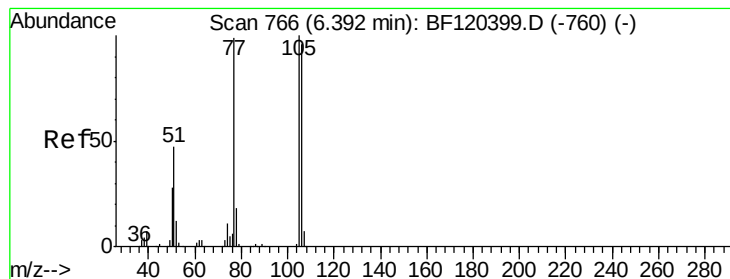
130 32.1 12.1 52.1

64 47.0 27.0 67.0



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: 47.989 ng

RT: 6.37 min Scan# 762

Delta R.T. -0.01 min

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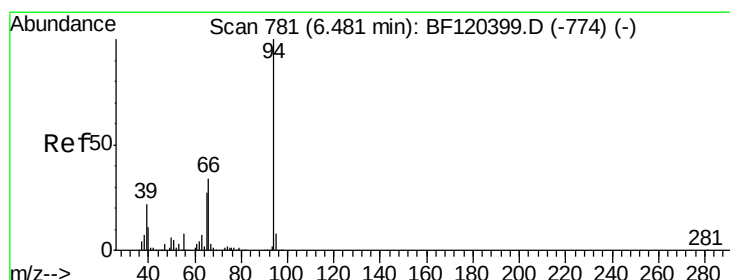
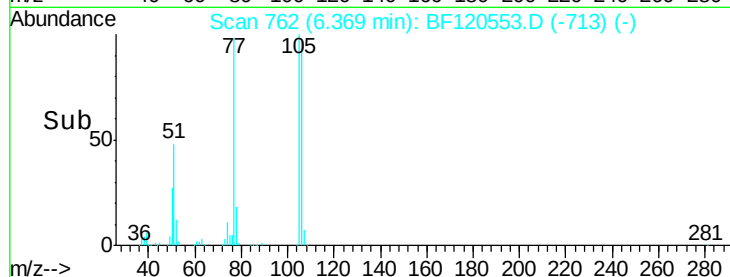
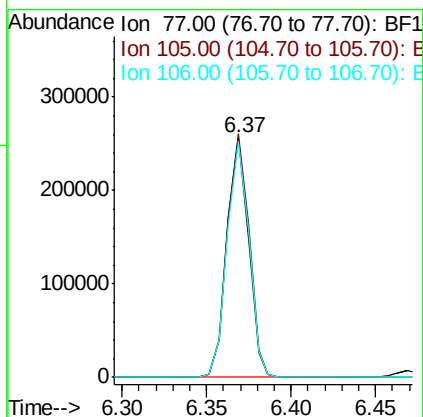
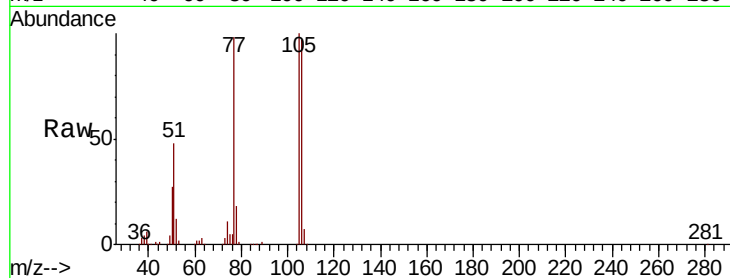
Tot Ion: 77 Resp: 229651

Ion Ratio Lower Upper

77 100

105 101.7 84.9 124.9

106 98.6 78.8 118.8



#10

Phenol

Concen: 57.003 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.01 min

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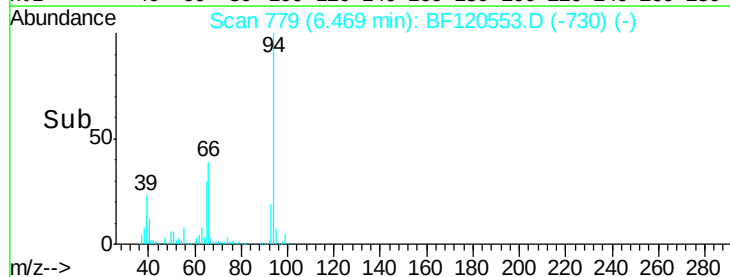
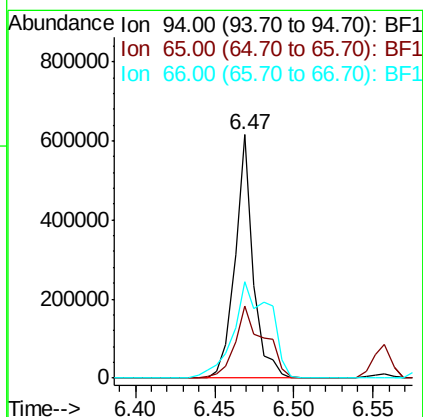
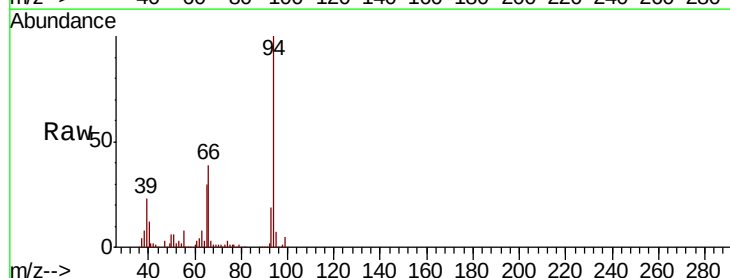
Tgt Ion: 94 Resp: 489452

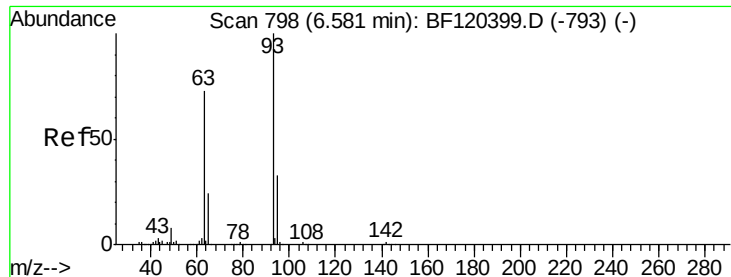
Ion Ratio Lower Upper

94 100

65 29.8 13.2 53.2

66 39.4 27.4 67.4

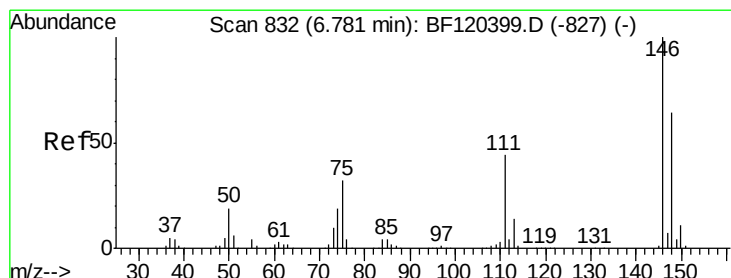
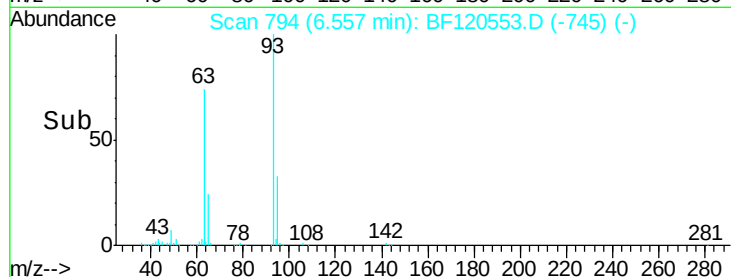
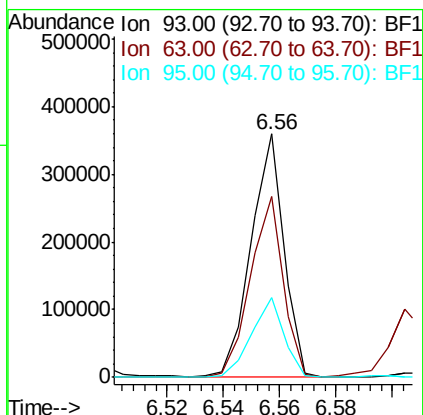
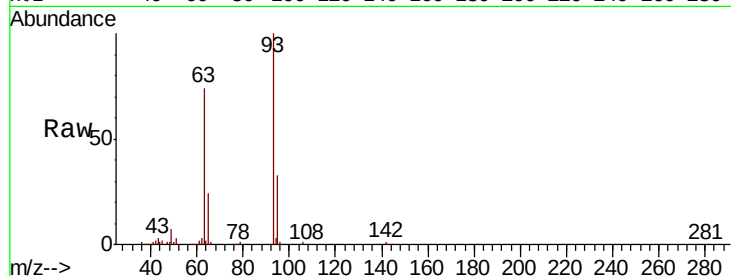




#11
bis(2-Chloroethyl)ether
Concen: 40.330 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

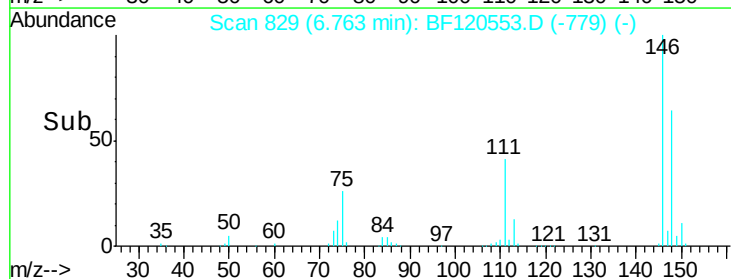
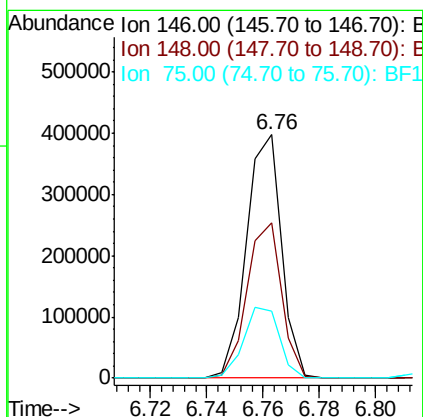
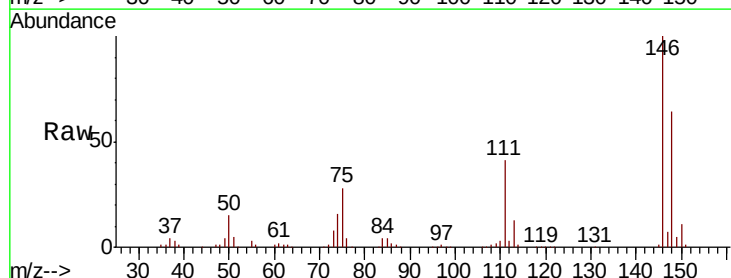
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

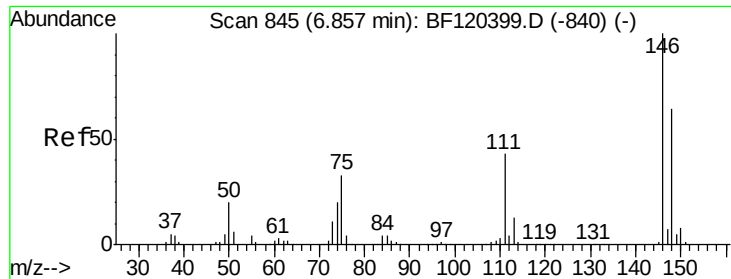
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.4	54.2	94.2
95	32.7	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 43.327 ng
RT: 6.76 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.1	75.1
75	27.6	25.8	38.8

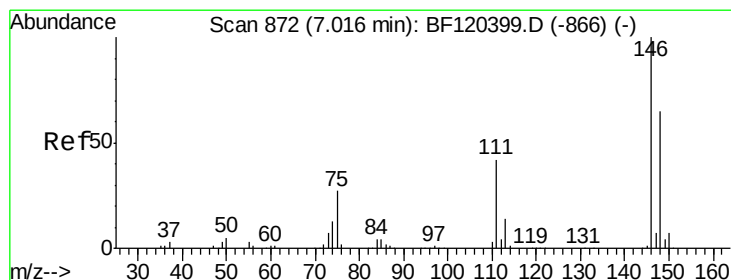
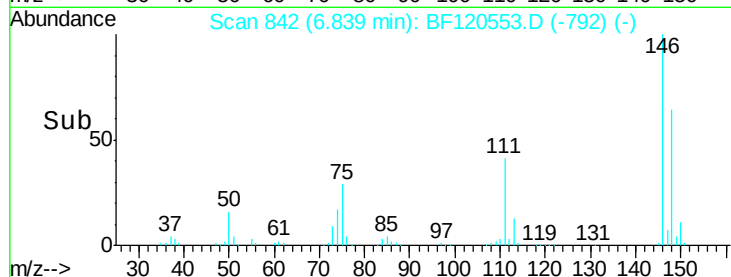
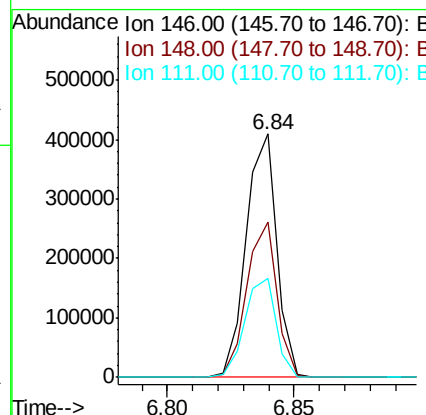
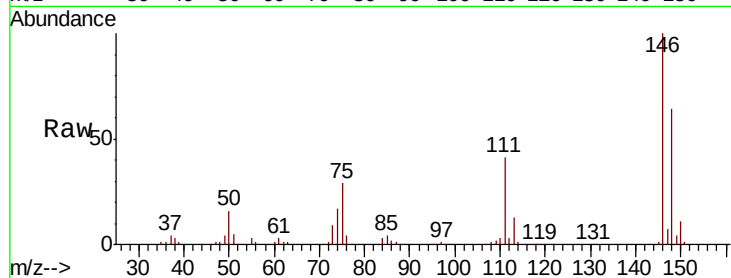




#13
 1,4-Dichlorobenzene
 Concen: 43.659 ng
 RT: 6.84 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

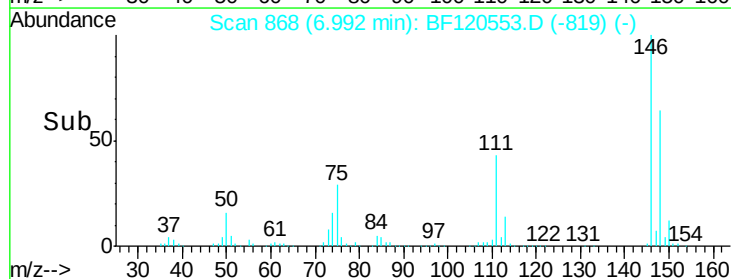
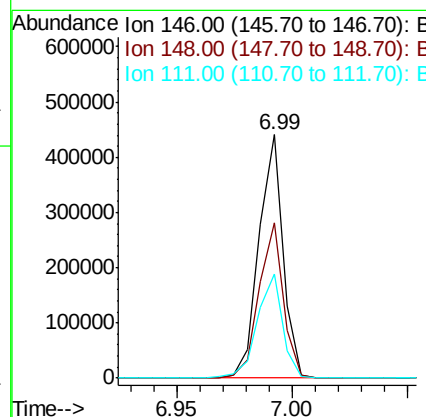
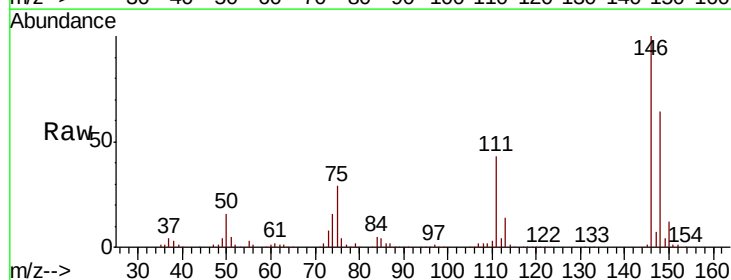
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

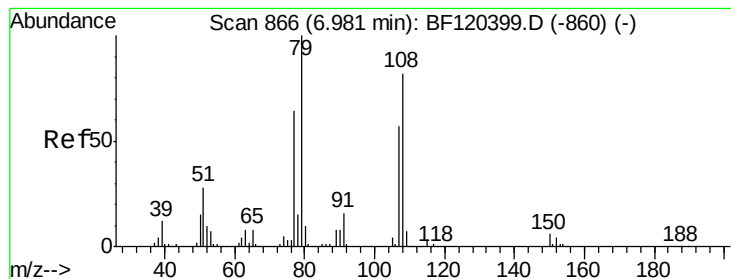
Tot Ion:146 Resp: 343742
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.4
 111 40.6 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 44.454 ng
 RT: 6.99 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:146 Resp: 323281
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.9 76.3
 111 42.8 33.7 50.5





#15

Benzyl Alcohol

Concen: 43.285 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

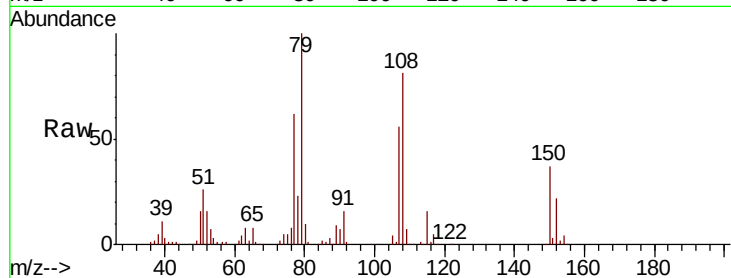
Tot Ion: 79 Resp: 256200

Ion Ratio Lower Upper

79 100

108 81.3 63.4 95.2

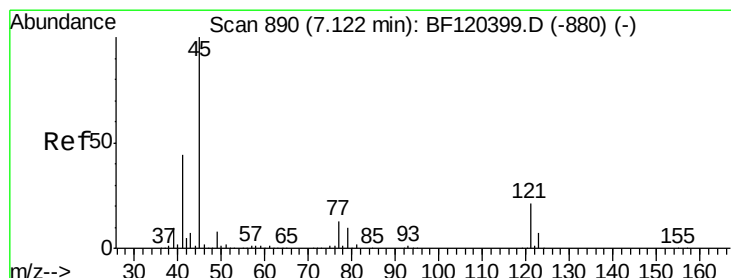
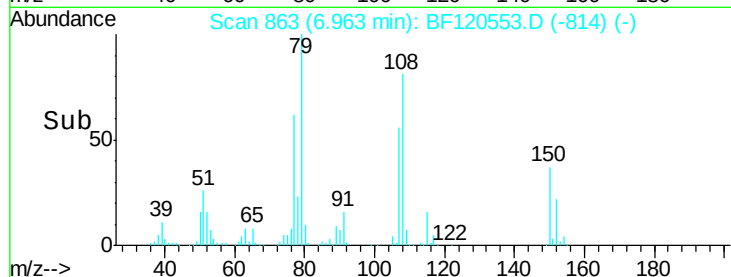
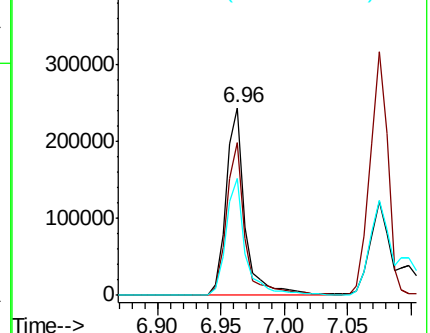
77 62.5 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.608 ng

RT: 7.10 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

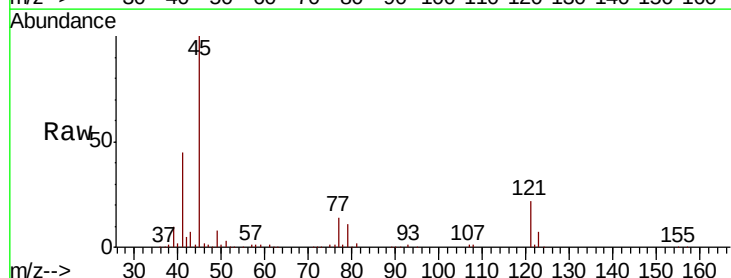
Tgt Ion: 45 Resp: 436718

Ion Ratio Lower Upper

45 100

77 14.2 0.0 34.7

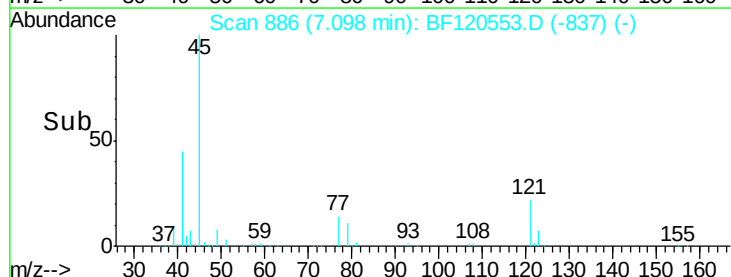
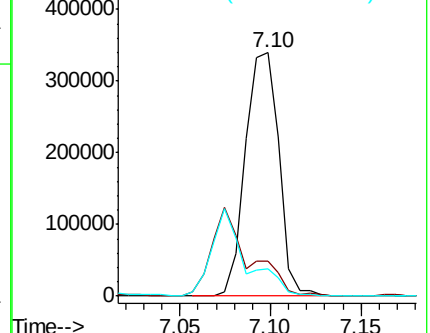
79 11.3 0.0 31.5

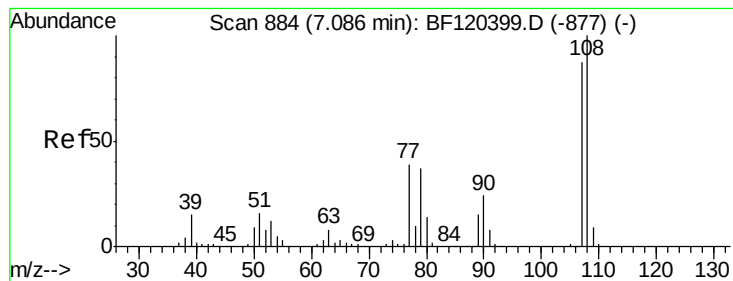


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

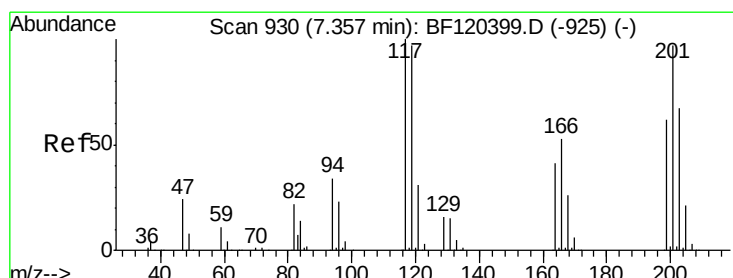
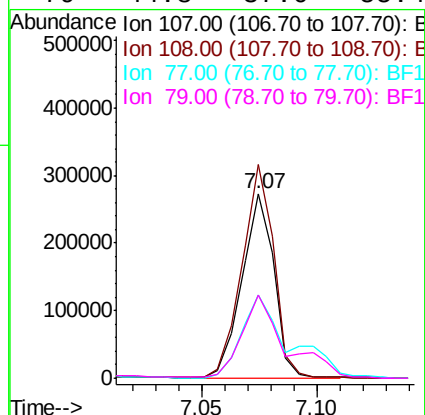
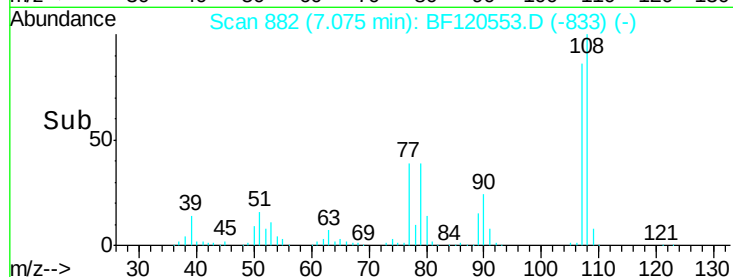
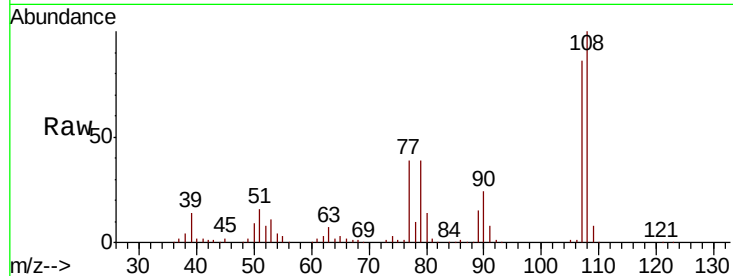




#17
2-Methylphenol
Concen: 40.803 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

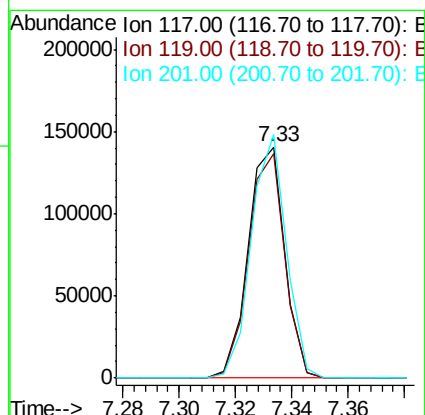
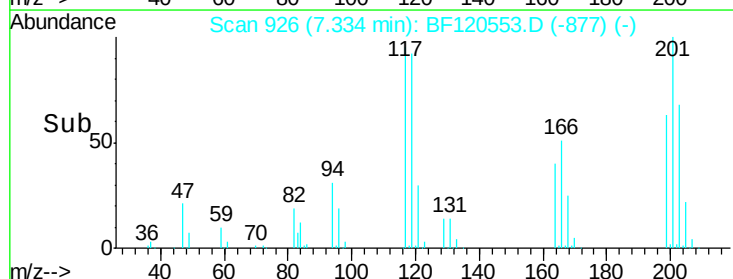
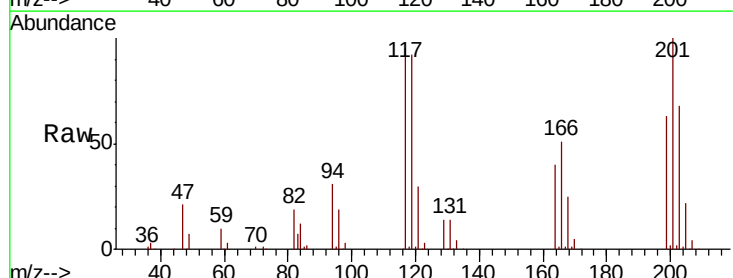
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

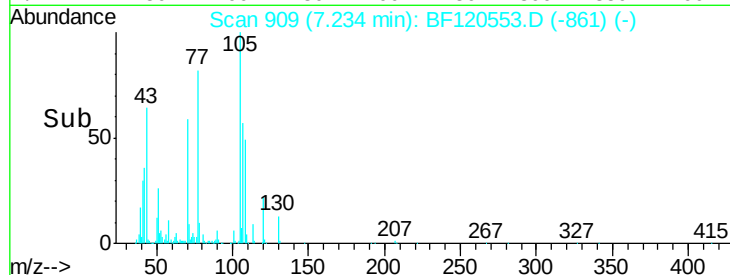
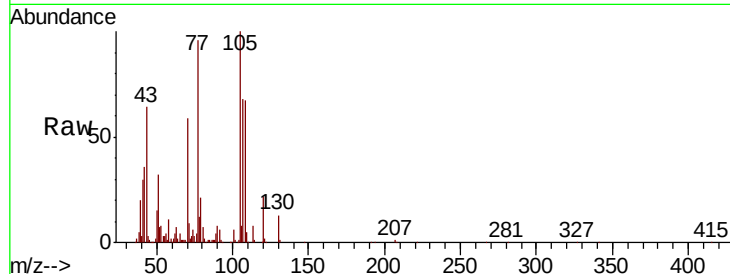
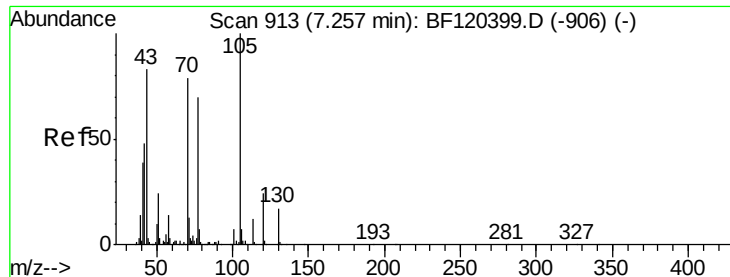
Tot Ion:107 Resp: 262084
Ion Ratio Lower Upper
107 100
108 115.8 93.3 139.9
77 45.2 38.2 57.2
79 44.8 37.0 55.4



#18
Hexachloroethane
Concen: 43.745 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:117 Resp: 126077
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.2
201 105.5 83.9 125.9

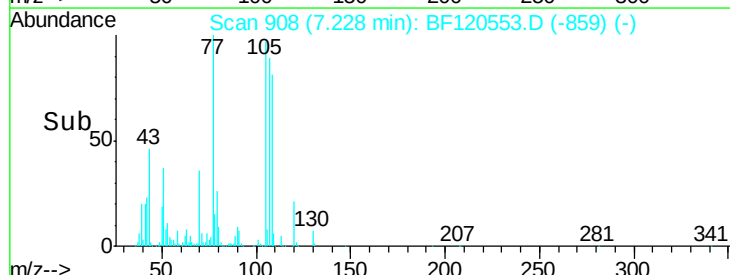
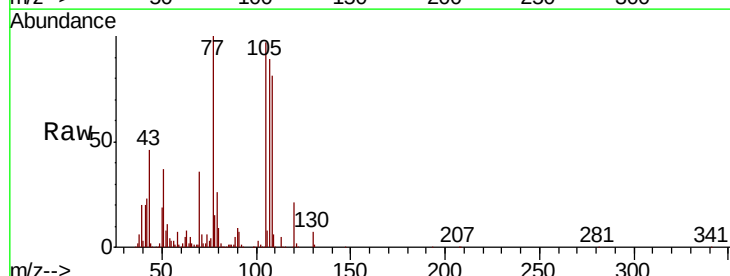
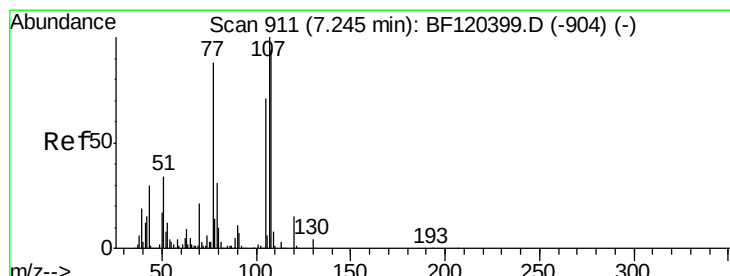
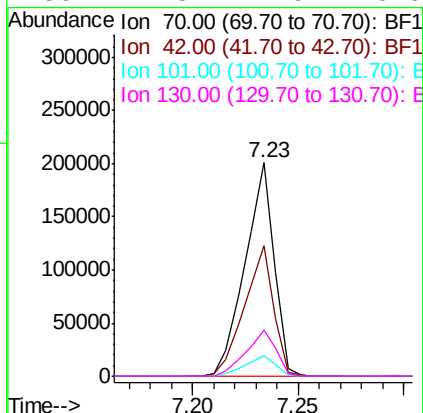




#19
n-Nitroso-di-n-propylamine
Concen: 38.480 ng
RT: 7.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

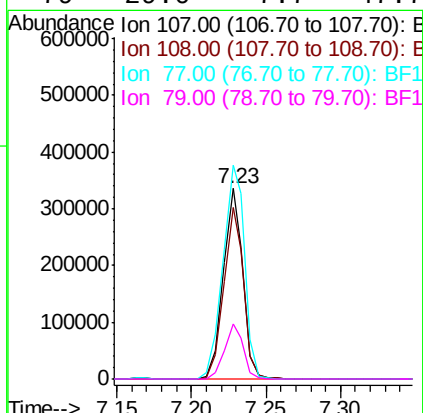
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

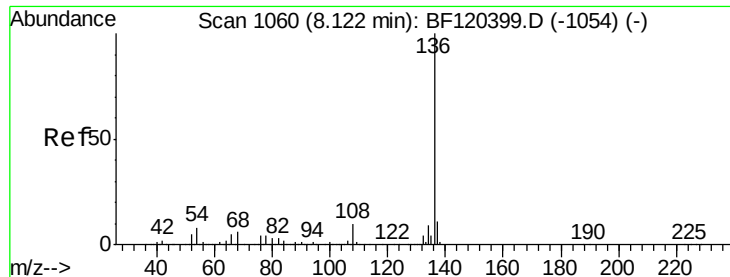
Tot Ion: 70 Resp: 192062
Ion Ratio Lower Upper
70 100
42 61.4 47.0 70.4
101 9.6 7.8 11.8
130 21.8 17.9 26.9



#20
3+4-Methylphenols
Concen: 38.418 ng
RT: 7.23 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion: 107 Resp: 311741
Ion Ratio Lower Upper
107 100
108 90.4 67.5 107.5
77 112.2 83.7 123.7
79 29.0 7.7 47.7

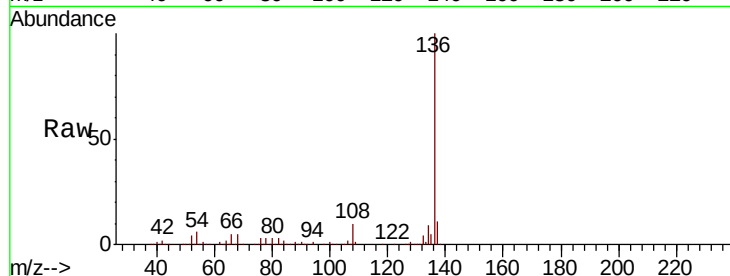




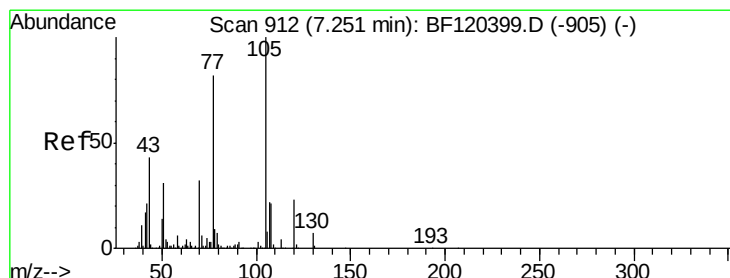
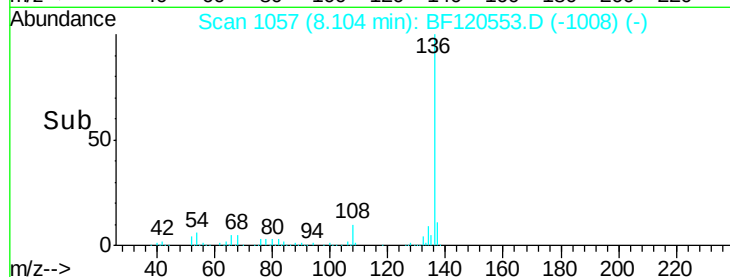
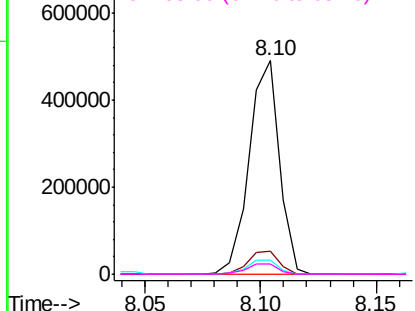
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	450298
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 6.4	5.4	8.0
68 5.0	4.3	6.5

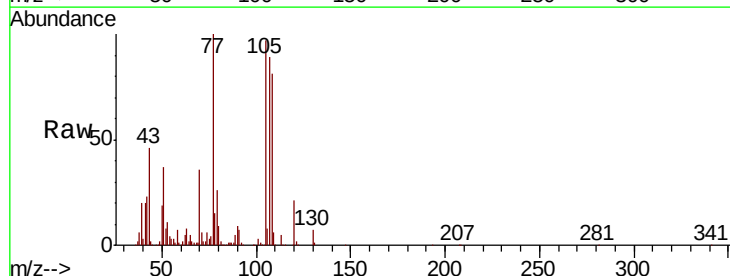


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

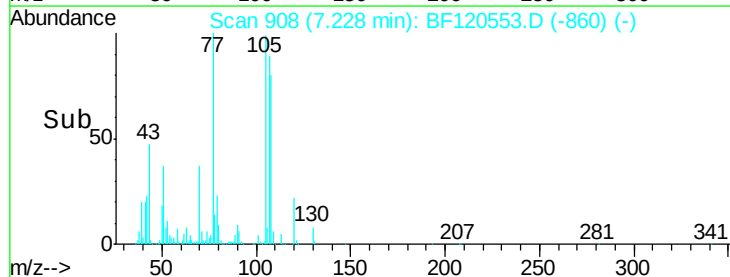
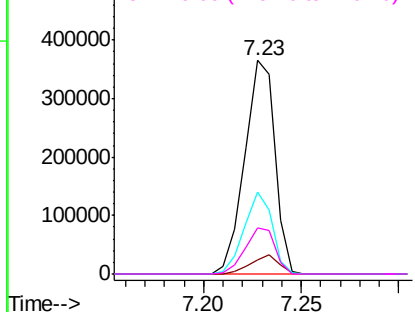


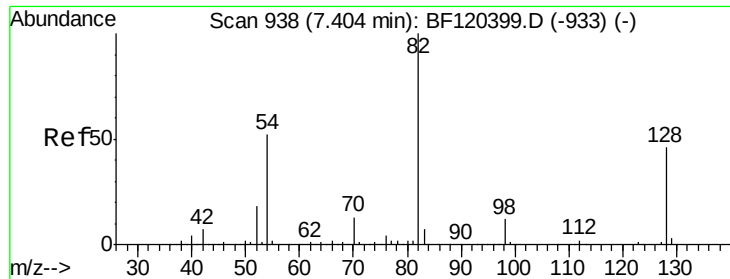
#22
Acetophenone
Concen: 42.886 ng
RT: 7.23 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt	Ion:105	Resp:	392202
Ion	Ratio	Lower	Upper
105	100		
71	6.4	5.6	8.4
51	38.4	30.1	45.1
120	21.8	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

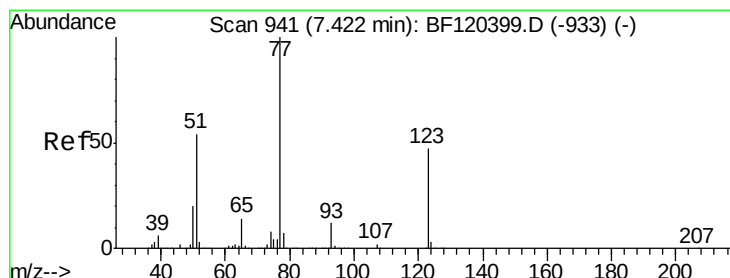
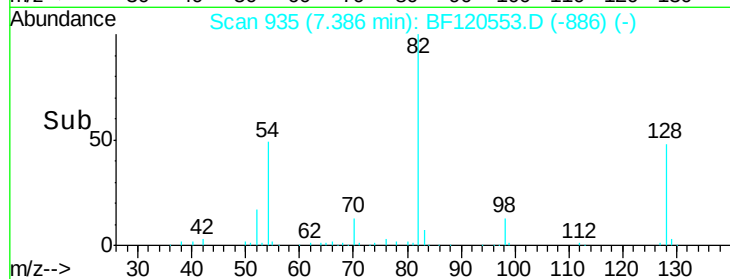
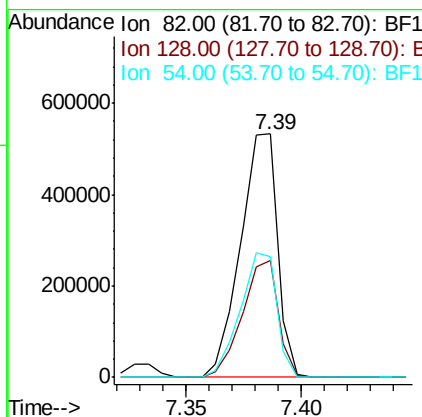
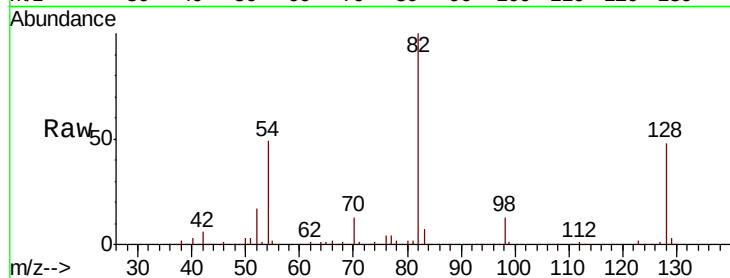




#23
 Nitrobenzene-d5
 Concen: 87.226 ng
 RT: 7.39 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

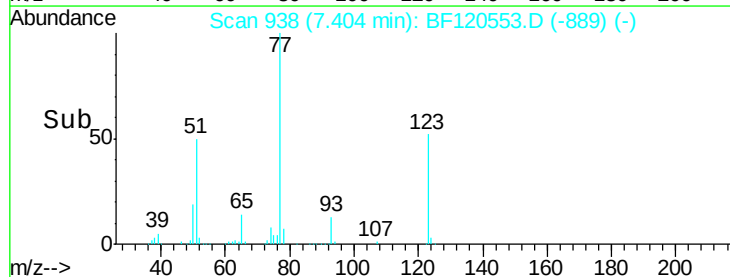
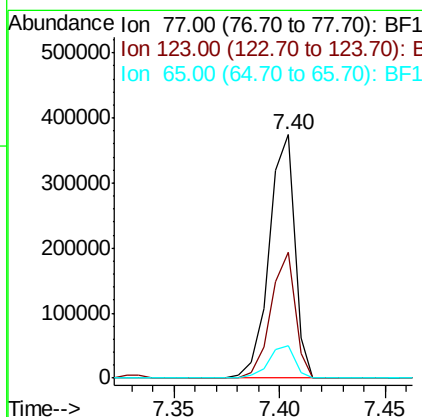
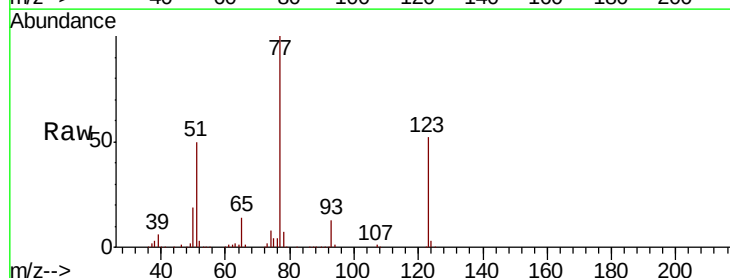
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

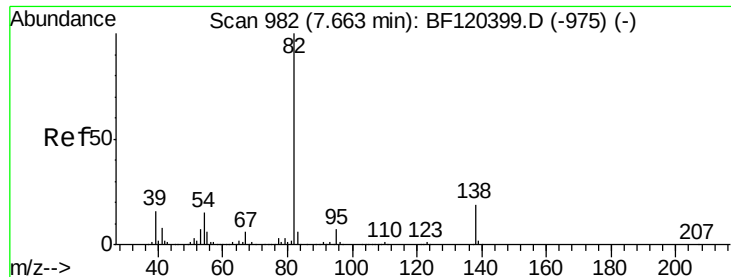
Tot Ion	82	Resp	600457
Ion Ratio	100	Lower	Upper
128	48.2	36.7	55.1
54	49.4	40.0	60.0



#24
 Nitrobenzene
 Concen: 42.584 ng
 RT: 7.40 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion	77	Resp	315782
Ion Ratio	100	Lower	Upper
123	51.6	38.9	58.3
65	13.5	11.0	16.6





#25

Isophorone

Concen: 39.614 ng

RT: 7.64 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

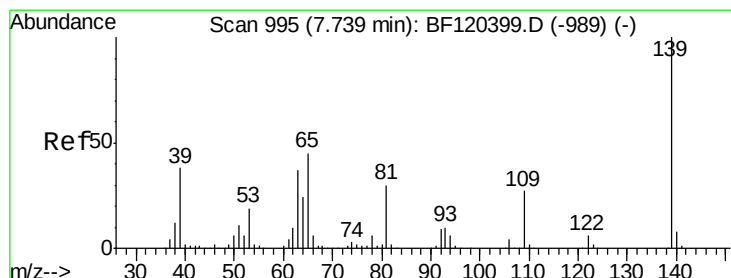
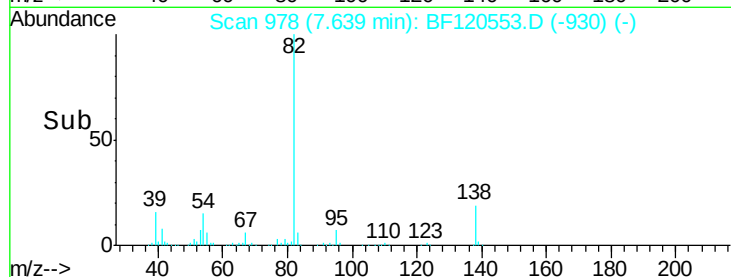
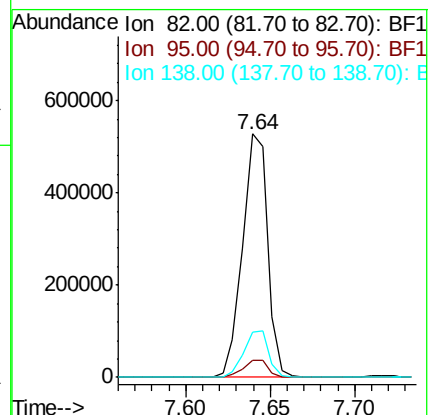
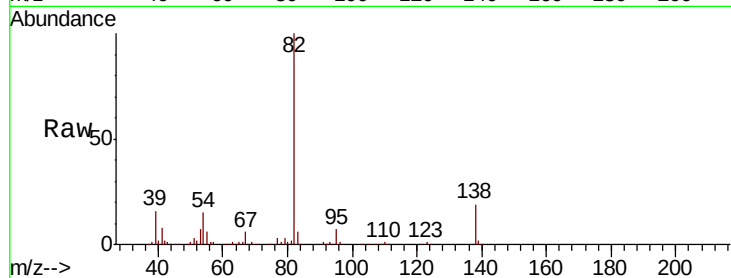
Tot Ion: 82 Resp: 548085

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 18.6 15.6 23.4



#26

2-Nitrophenol

Concen: 47.882 ng

RT: 7.72 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

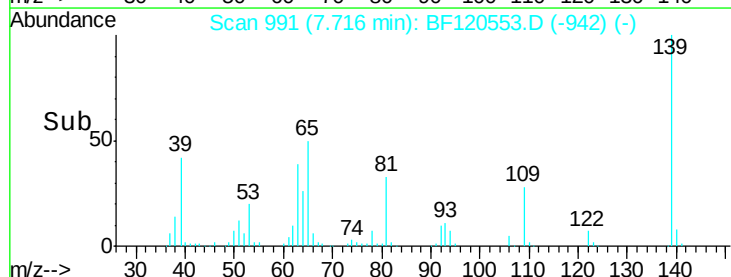
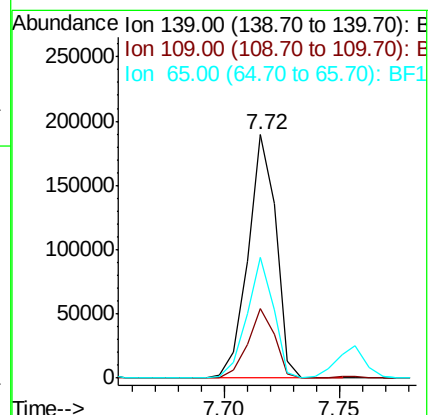
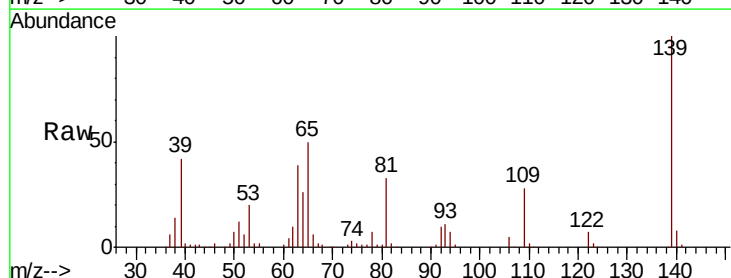
Tgt Ion: 139 Resp: 160087

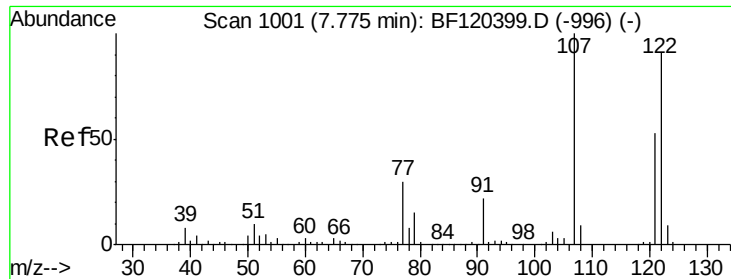
Ion Ratio Lower Upper

139 100

109 28.4 23.0 34.6

65 49.7 40.4 60.6

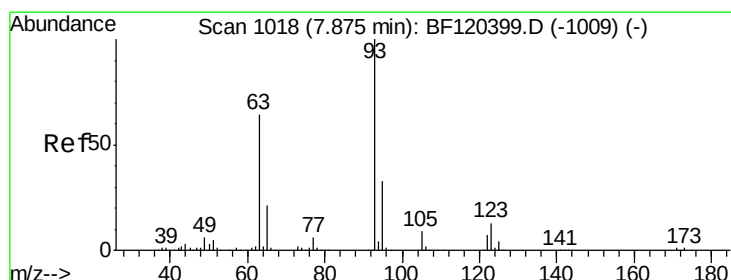
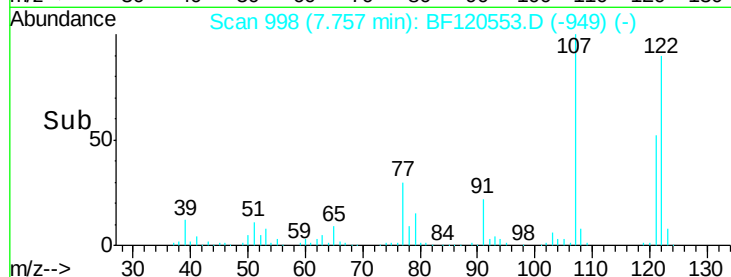
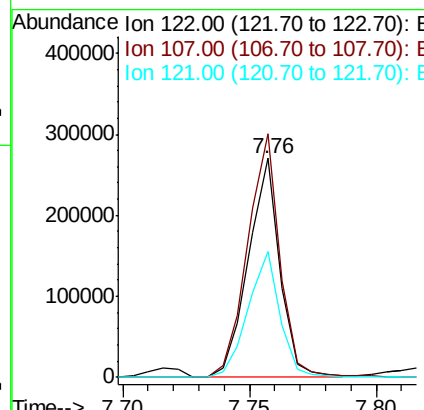
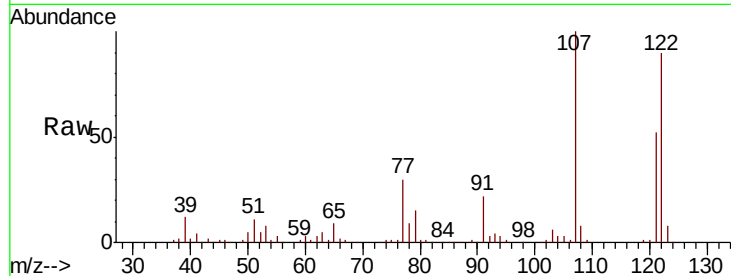




#27
 2,4-Dimethylphenol
 Concen: 40.468 ng
 RT: 7.76 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

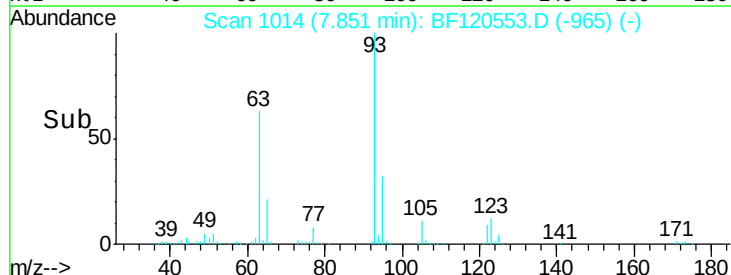
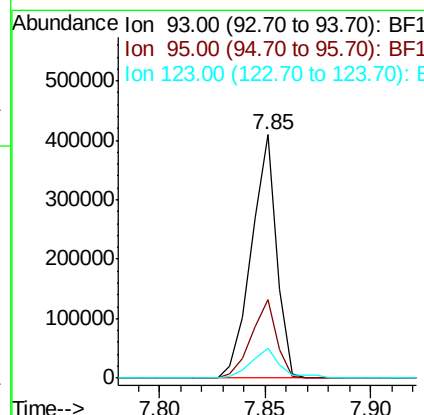
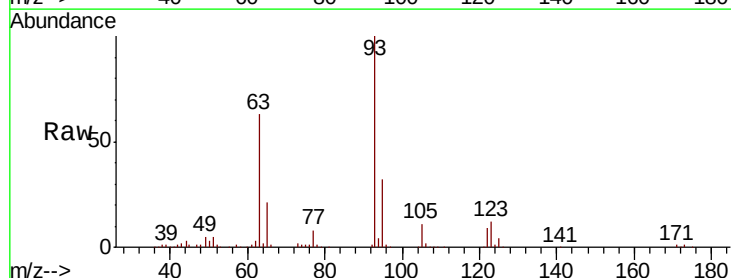
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

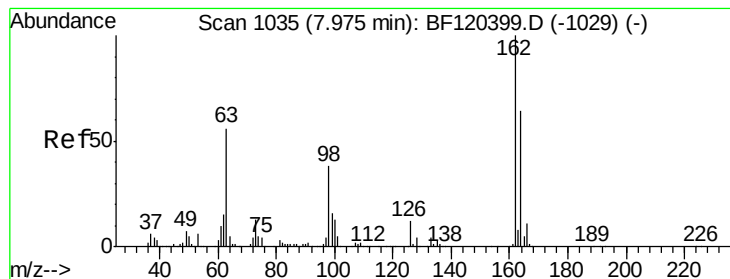
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.3	91.0	136.4
121	57.4	46.9	70.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.705 ng
 RT: 7.85 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.8	40.2
123	12.2	9.8	14.8





#29

2,4-Dichlorophenol

Concen: 42.879 ng

RT: 7.96 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

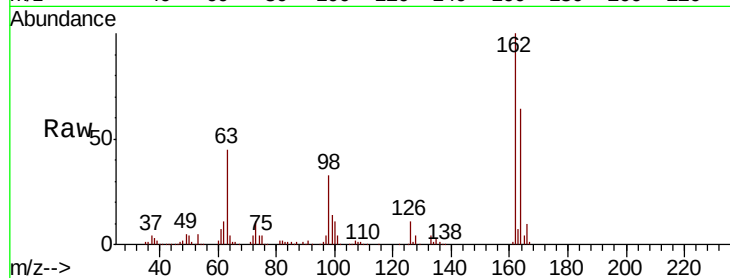
Tot Ion:162 Resp: 251471

Ion Ratio Lower Upper

162 100

164 64.4 44.6 84.6

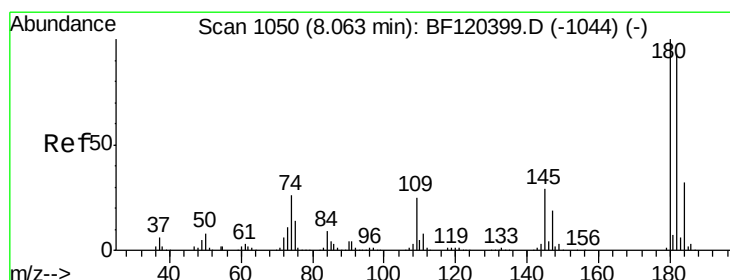
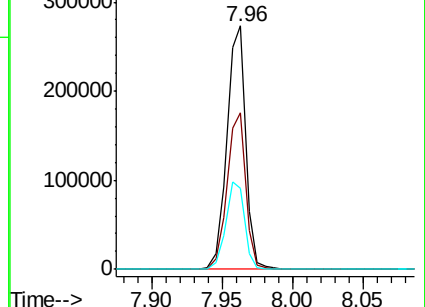
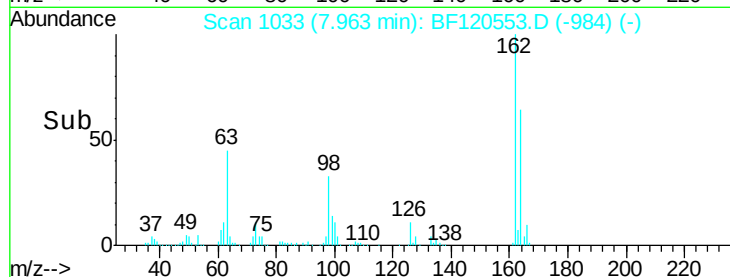
98 33.2 15.5 55.5



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: 43.908 ng

RT: 8.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

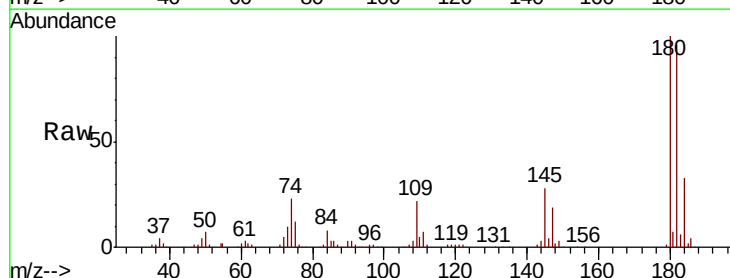
Tgt Ion:180 Resp: 288975

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

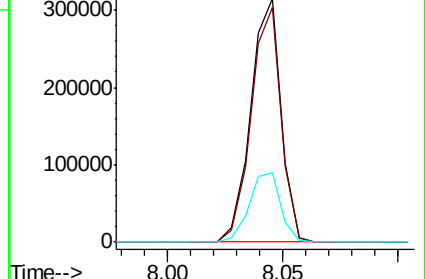
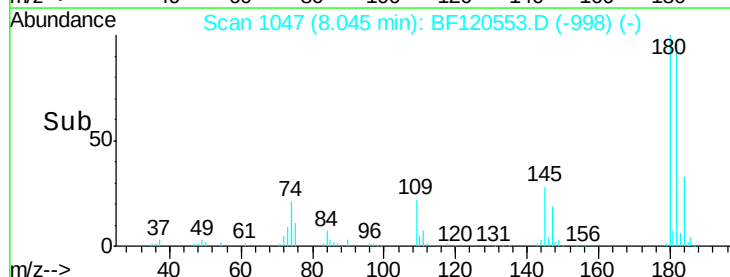
145 28.5 23.3 34.9

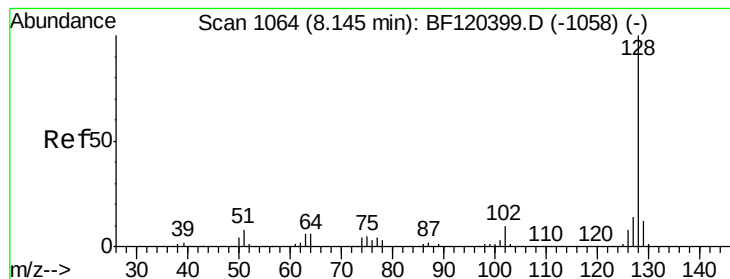


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.530 ng

RT: 8.12 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

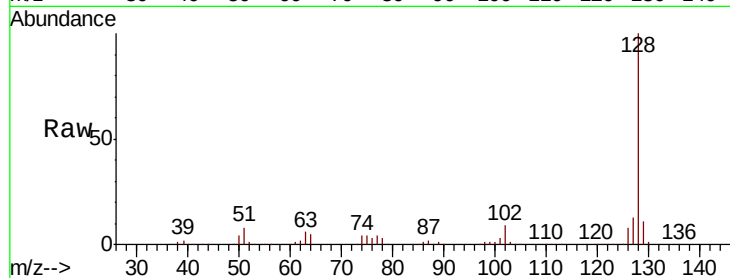
Tot Ion:128 Resp: 860865

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

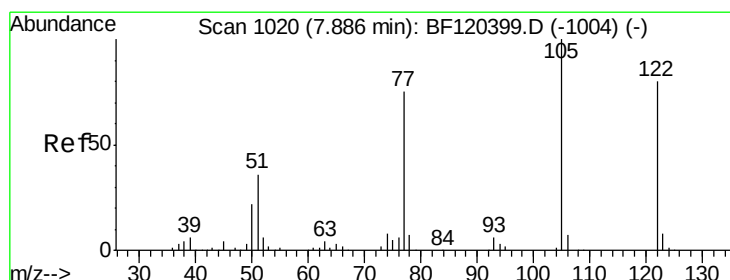
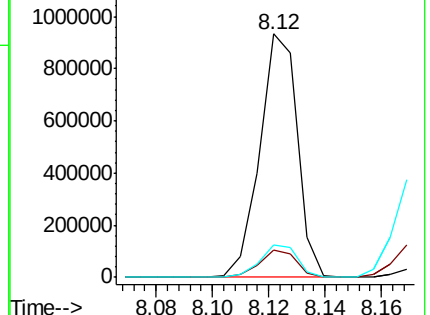
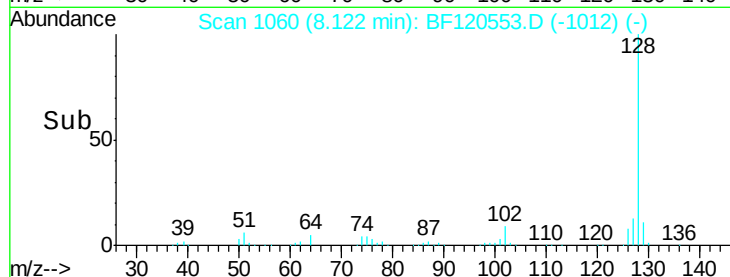
127 13.4 10.8 16.2



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: 35.138 ng

RT: 7.87 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

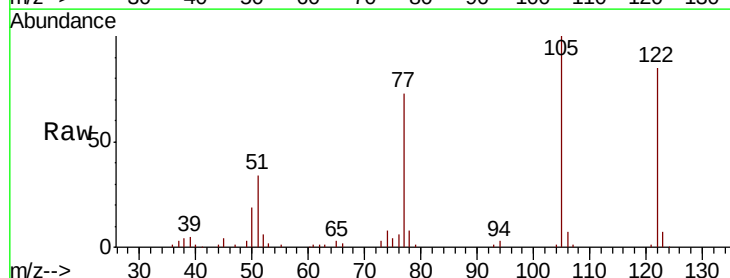
Tgt Ion:122 Resp: 151399

Ion Ratio Lower Upper

122 100

105 117.4 104.7 144.7

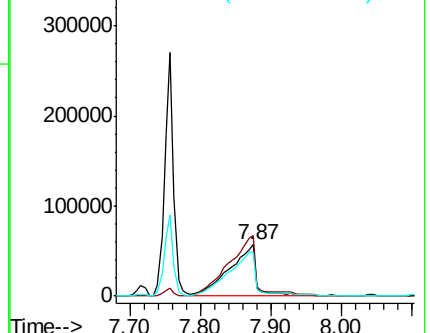
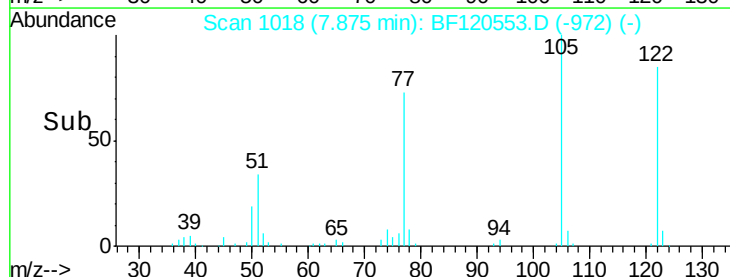
77 86.0 72.4 112.4

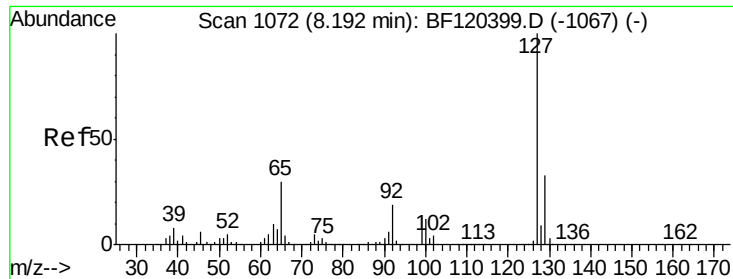


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

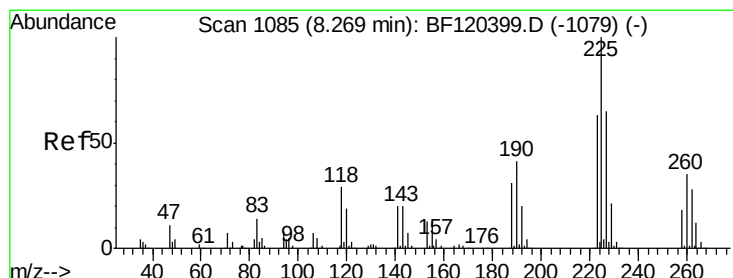
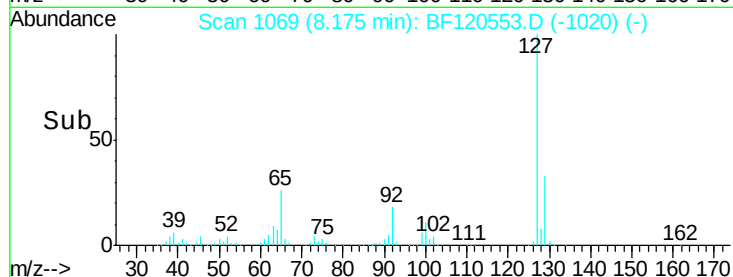
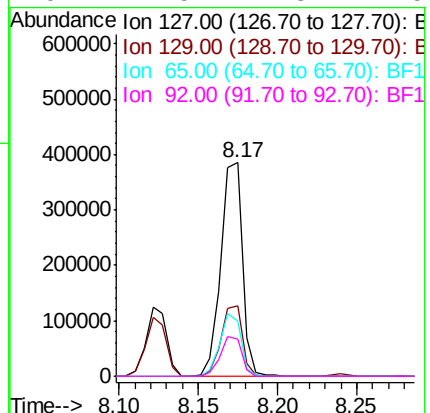
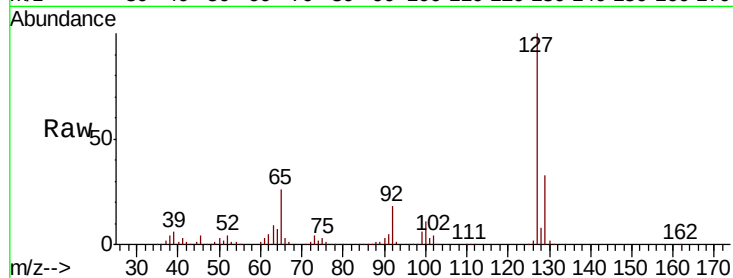




#33
4-Chloroaniline
Concen: 41.486 ng
RT: 8.17 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

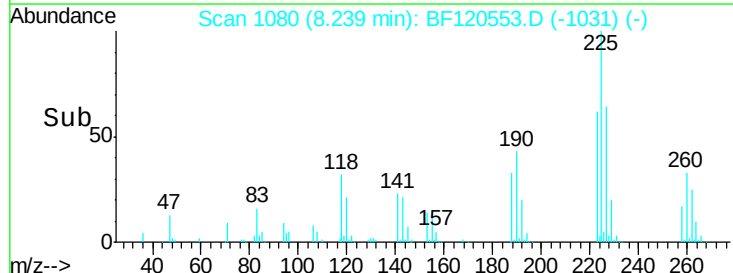
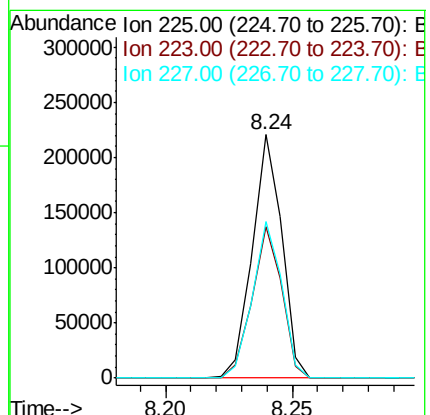
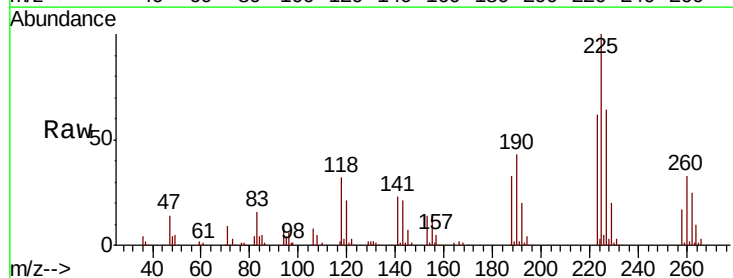
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

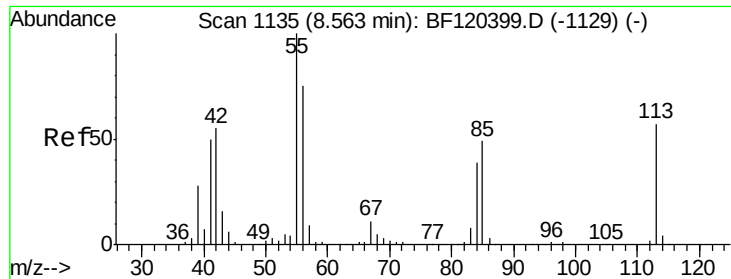
Tot Ion:	127	Resp:	363610
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.8	40.2
65	26.1	22.3	33.5
92	17.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 45.972 ng
RT: 8.24 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:	225	Resp:	179341
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	75.8
227	64.3	51.7	77.5

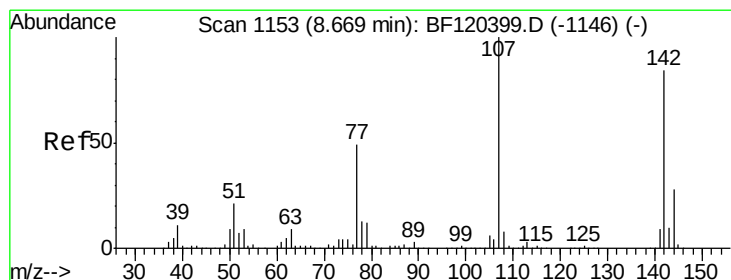
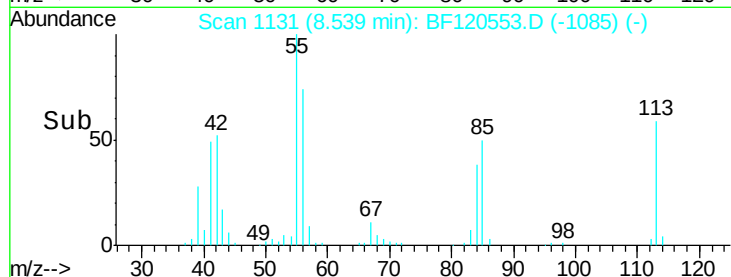
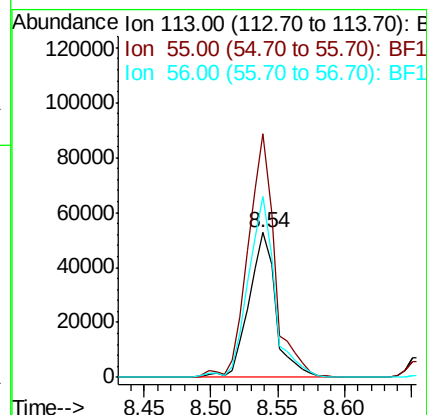
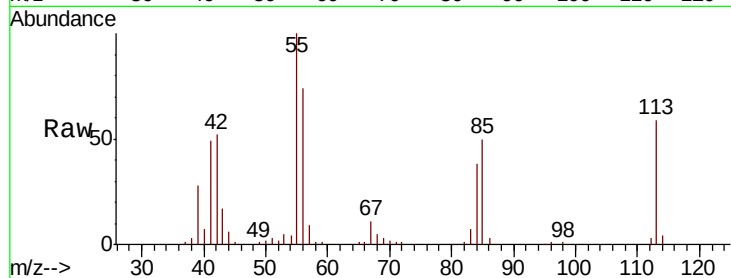




#35
 Caprolactam
 Concen: 38.277 ng
 RT: 8.54 min Scan# 1131
 Delta R.T. -0.03 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

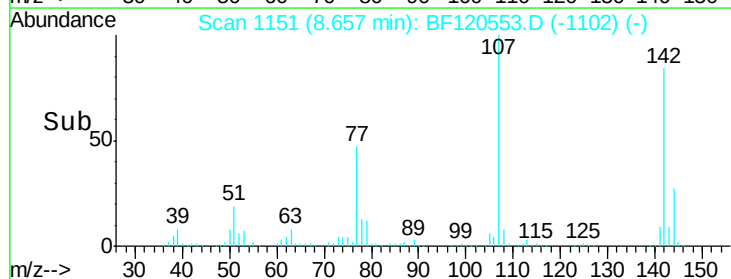
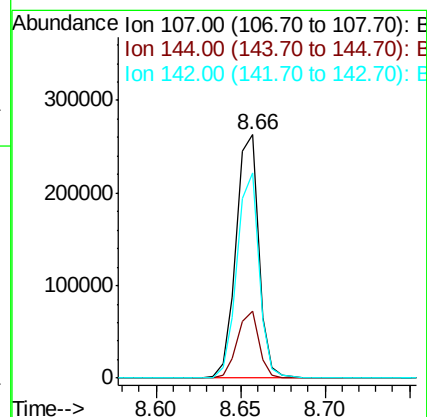
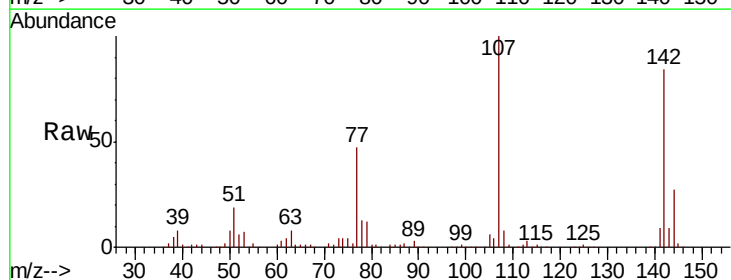
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

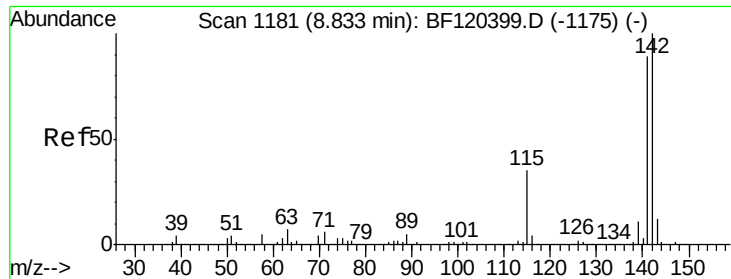
Tot Ion:113 Resp: 72699
 Ion Ratio Lower Upper
 113 100
 55 168.2 147.8 187.8
 56 125.3 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.382 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:107 Resp: 246221
 Ion Ratio Lower Upper
 107 100
 144 27.5 20.6 31.0
 142 84.2 63.4 95.2

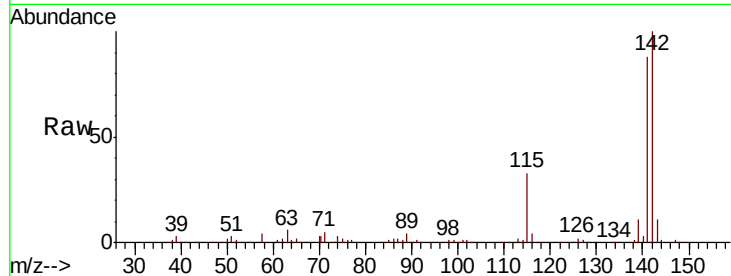




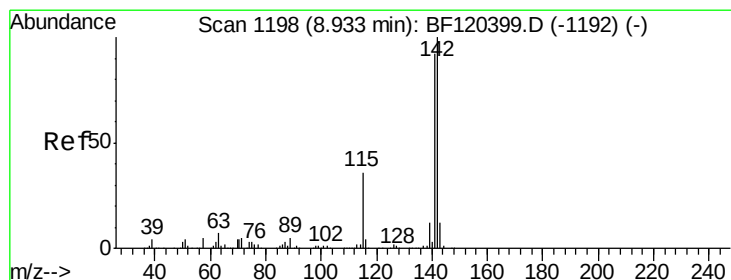
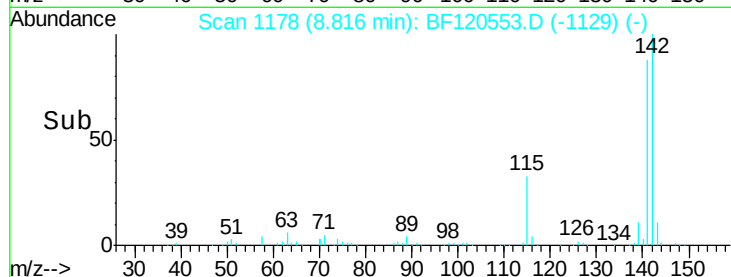
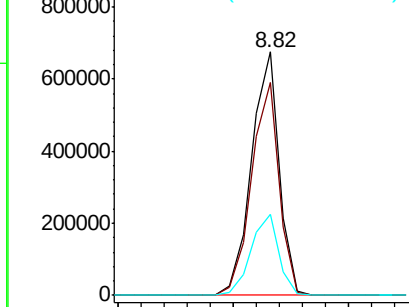
#37
2-Methylnaphthalene
Concen: 43.139 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 565079
Ion Ratio Lower Upper
142 100
141 87.5 70.7 106.1
115 33.1 27.5 41.3

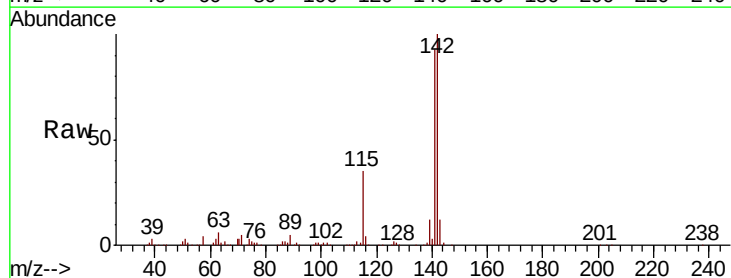


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

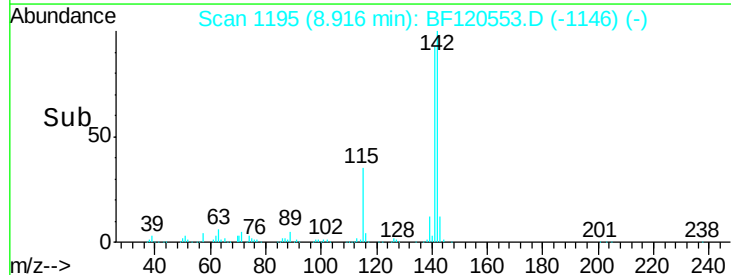
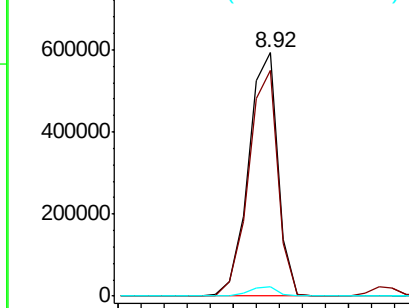


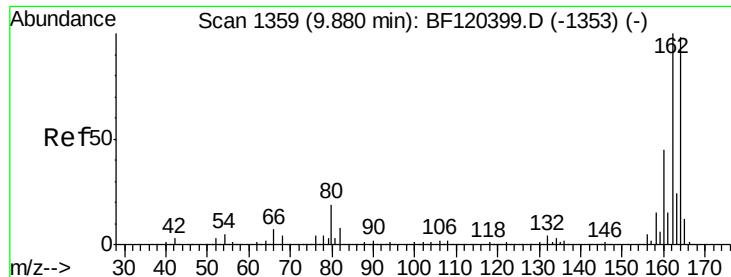
#38
1-Methylnaphthalene
Concen: 42.634 ng
RT: 8.92 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:142 Resp: 527146
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4
116 3.7 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

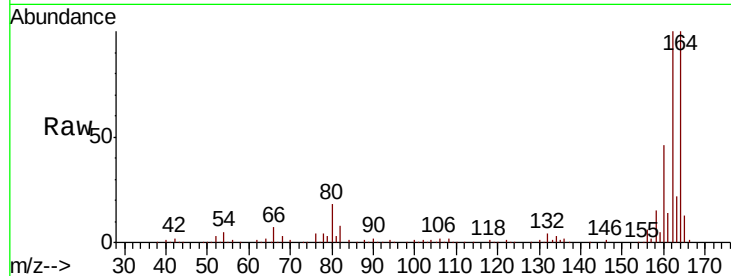




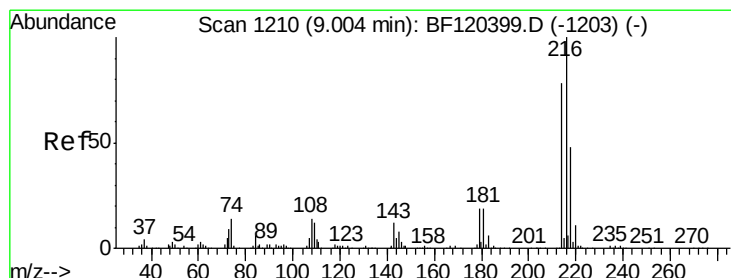
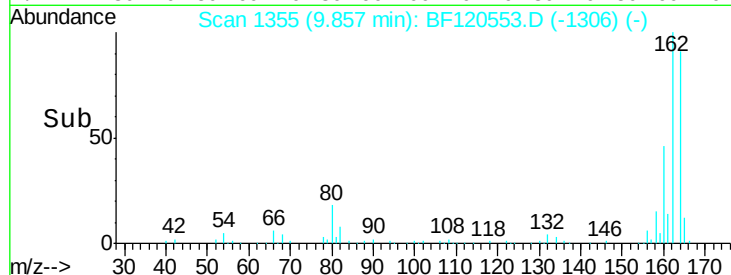
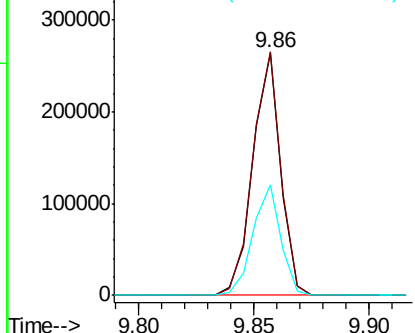
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 221726
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 45.7 37.0 55.4

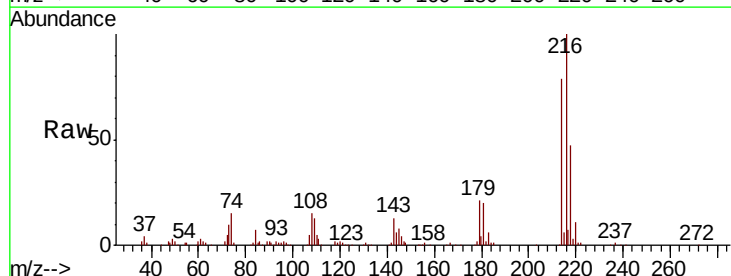


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

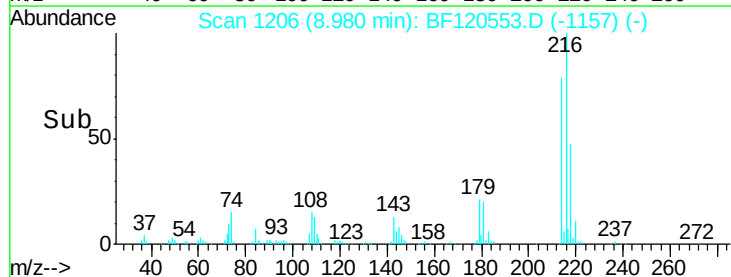
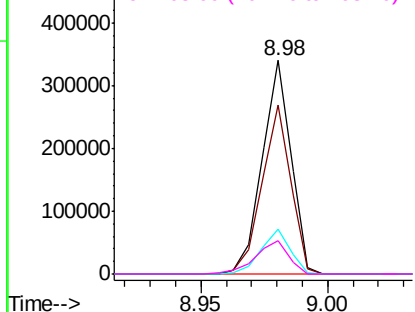


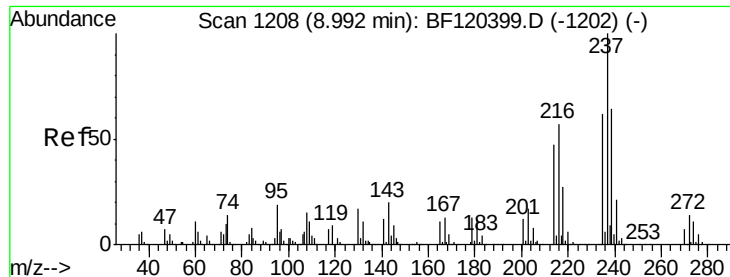
#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.832 ng
RT: 8.98 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:216 Resp: 271978
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.0
179 20.7 16.4 24.6
108 17.7 14.2 21.2



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: 52.130 ng

RT: 8.97 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

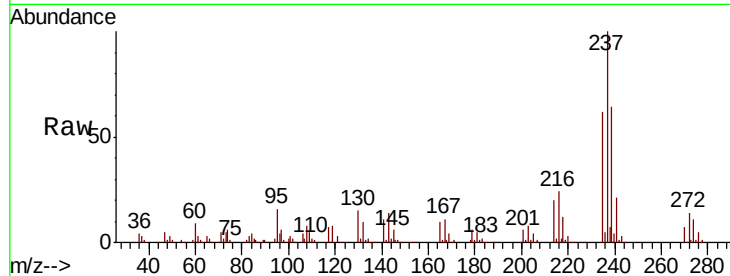
Tot Ion:237 Resp: 165431

Ion Ratio Lower Upper

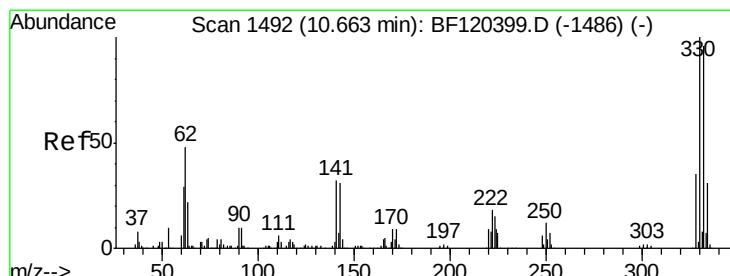
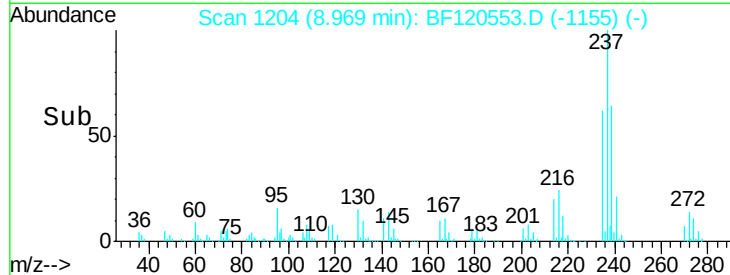
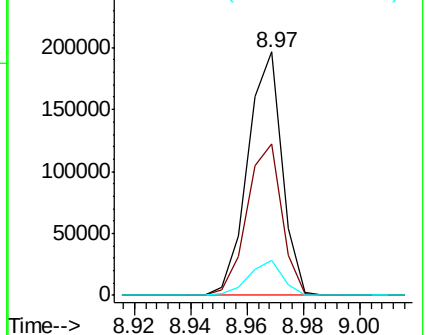
237 100

235 62.3 43.3 83.3

272 14.1 0.0 34.0



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: 93.949 ng

RT: 10.65 min Scan# 1489

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

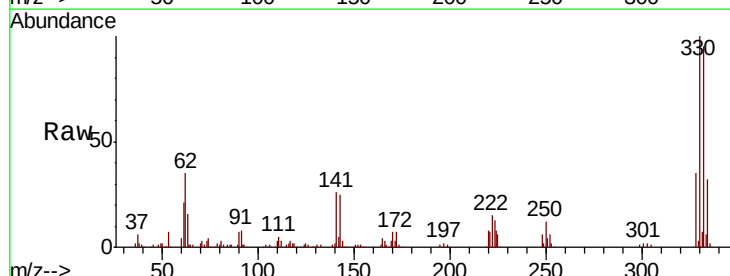
Tgt Ion:330 Resp: 193008

Ion Ratio Lower Upper

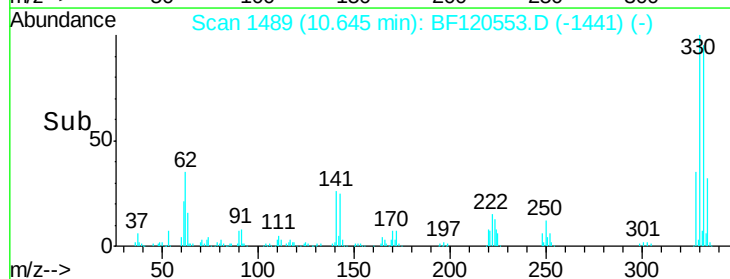
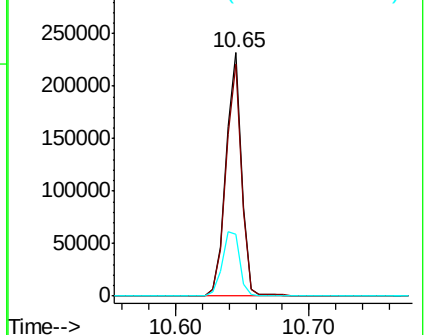
330 100

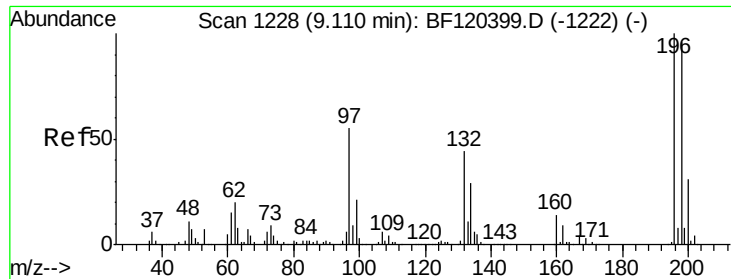
332 95.9 77.0 115.4

141 29.9 23.8 35.8



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

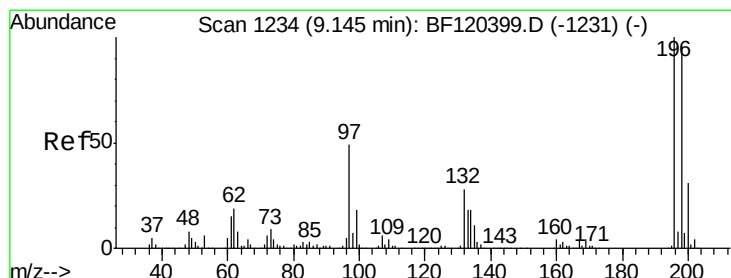
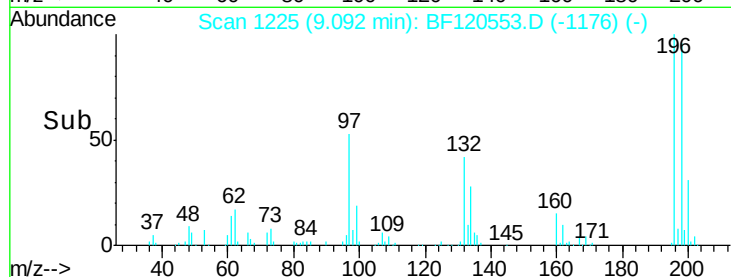
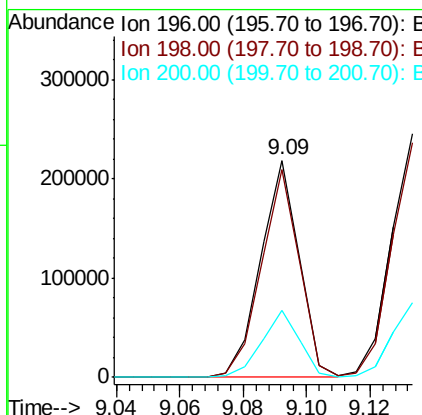
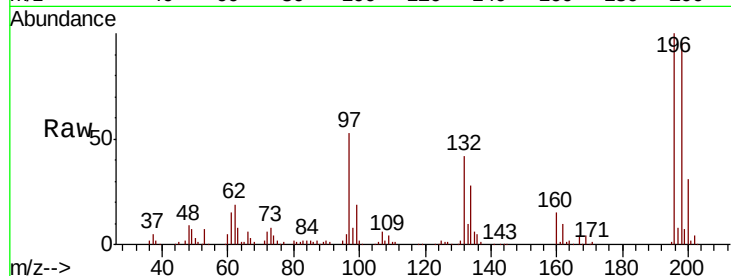




#43
 2,4,6-Trichlorophenol
 Concen: 44.830 ng
 RT: 9.09 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

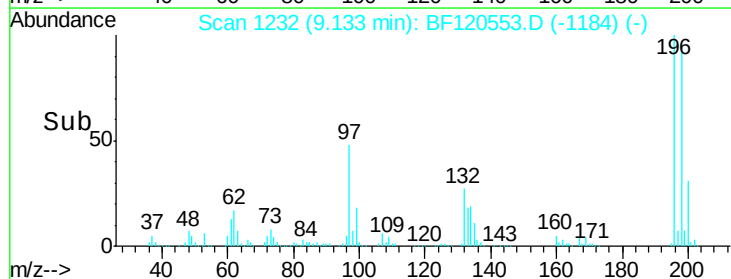
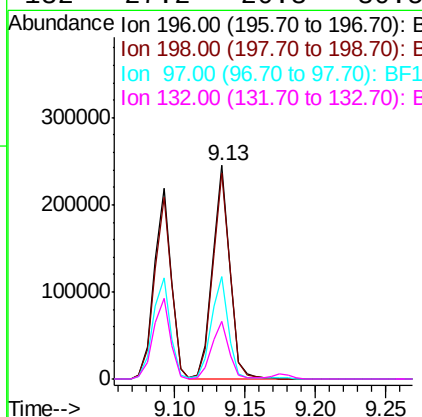
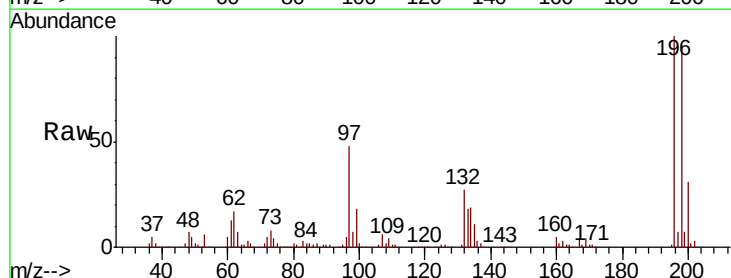
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

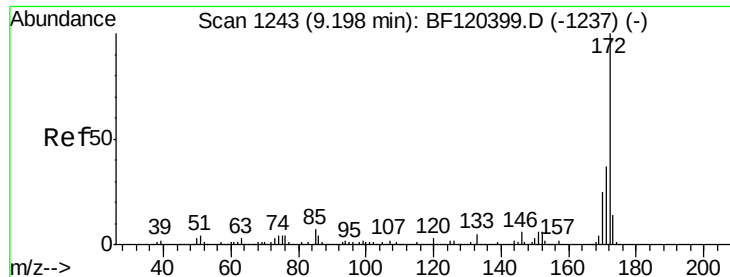
Tot Ion:196 Resp: 184353
 Ion Ratio Lower Upper
 196 100
 198 95.5 73.7 110.5
 200 30.7 23.4 35.2



#44
 2,4,5-Trichlorophenol
 Concen: 44.659 ng
 RT: 9.13 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:196 Resp: 208177
 Ion Ratio Lower Upper
 196 100
 198 96.2 77.5 116.3
 97 48.1 33.8 50.8
 132 27.2 20.3 30.5

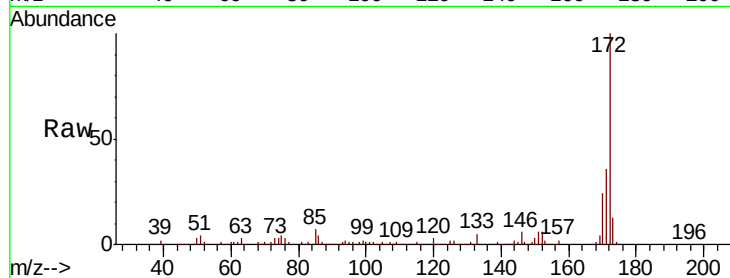




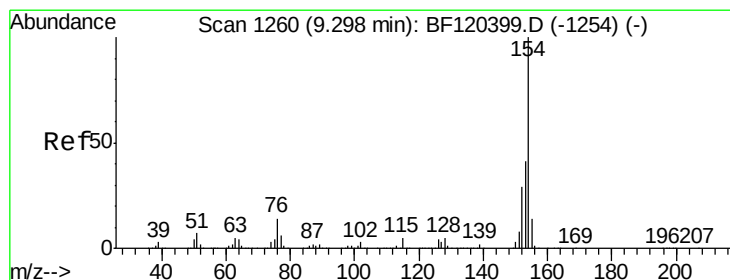
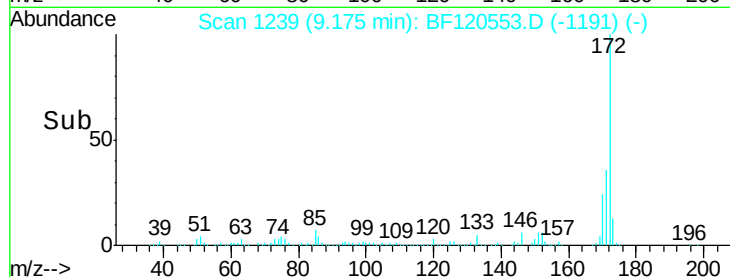
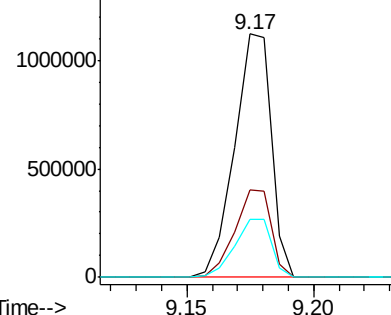
#45
2-Fluorobiphenyl
Concen: 87.225 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1139863
Ion Ratio Lower Upper
172 100
171 35.7 29.5 44.3
170 23.8 19.8 29.6

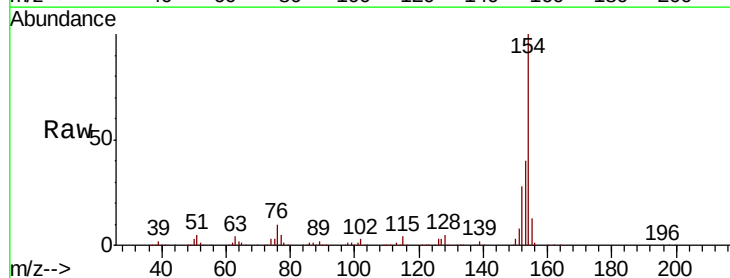


Abundance Ion 172.00 (171.70 to 172.70): E
1500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

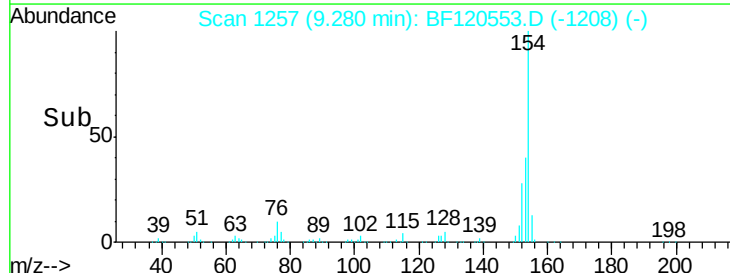
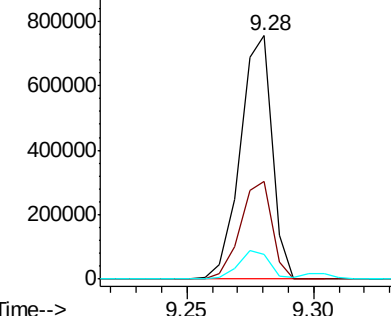


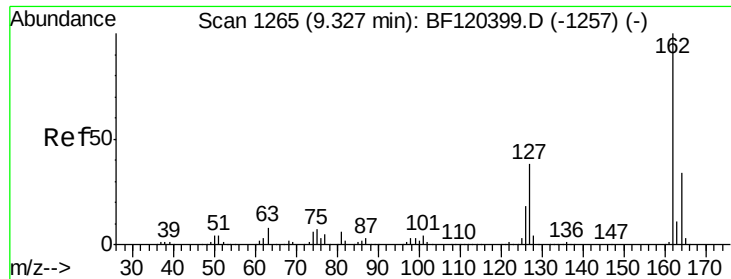
#46
1,1'-Biphenyl
Concen: 45.619 ng
RT: 9.28 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:154 Resp: 664471
Ion Ratio Lower Upper
154 100
153 39.9 21.4 61.4
76 10.4 0.0 32.3



Abundance Ion 154.00 (153.70 to 154.70): E
1000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

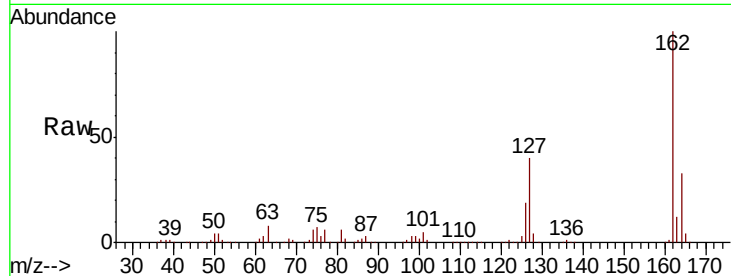




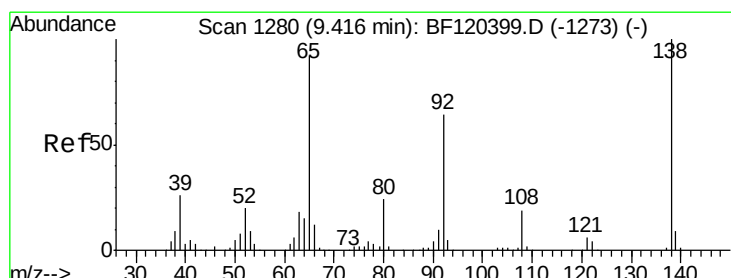
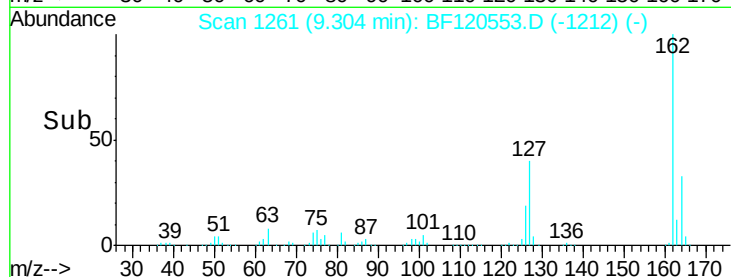
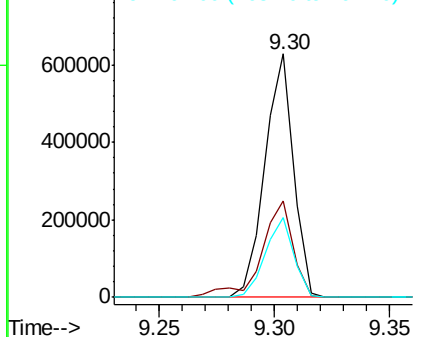
#47
 2-Chloronaphthalene
 Concen: 45.244 ng
 RT: 9.30 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:162 Resp: 542650
 Ion Ratio Lower Upper
 162 100
 127 39.8 32.5 48.7
 164 32.6 26.8 40.2

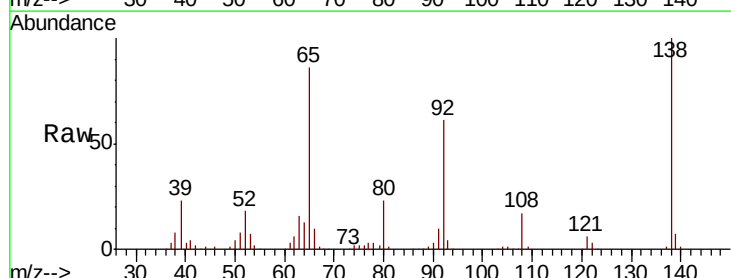


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

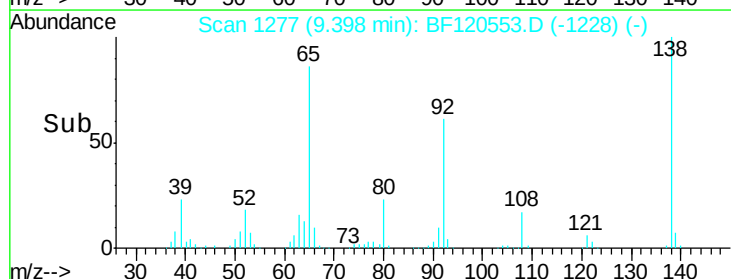
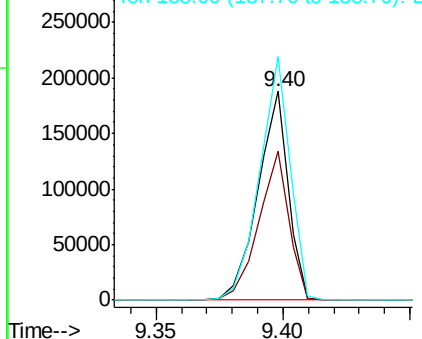


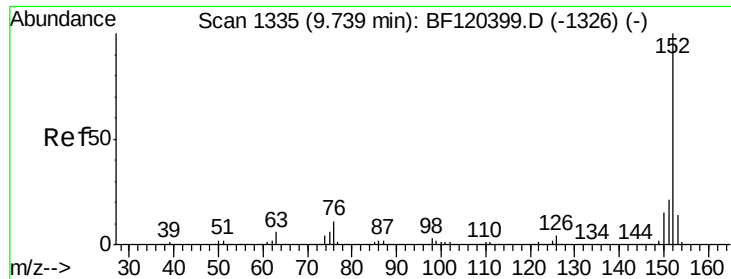
#48
 2-Nitroaniline
 Concen: 43.286 ng
 RT: 9.40 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion: 65 Resp: 158130
 Ion Ratio Lower Upper
 65 100
 92 71.0 55.0 82.4
 138 116.6 88.3 132.5



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: 44.783 ng

RT: 9.72 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

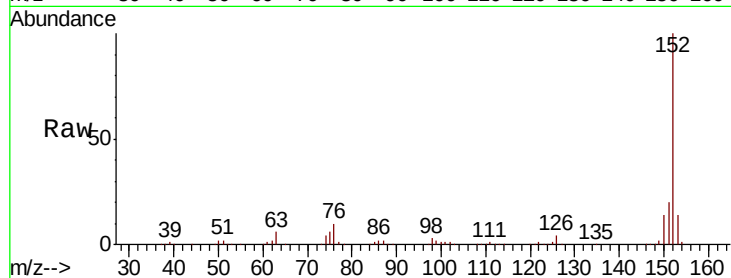
Tot Ion:152 Resp: 830021

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1

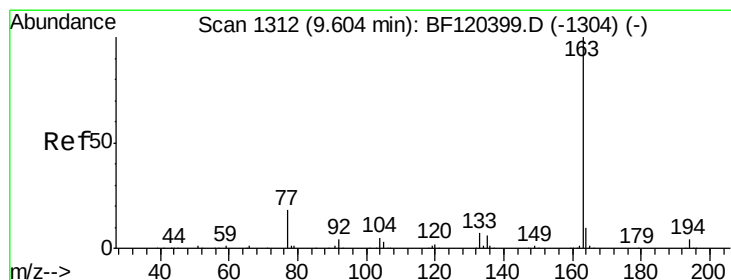
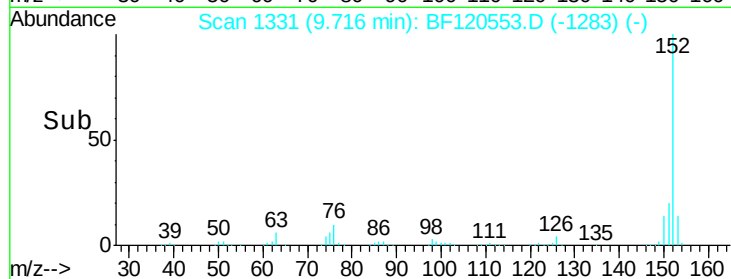
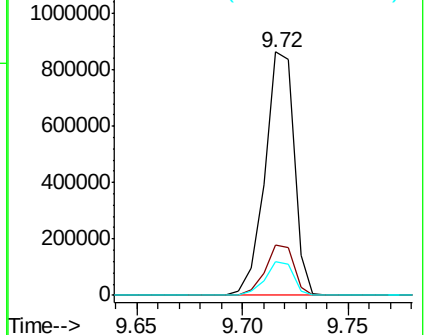
153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.227 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

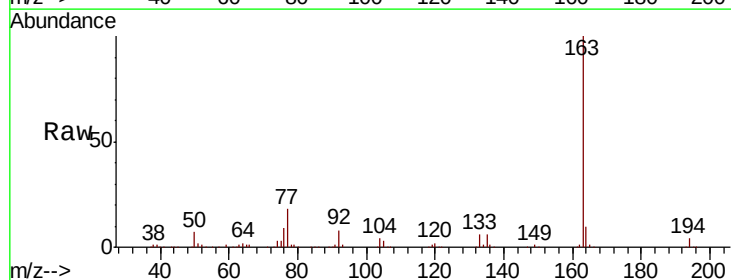
Tgt Ion:163 Resp: 599194

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

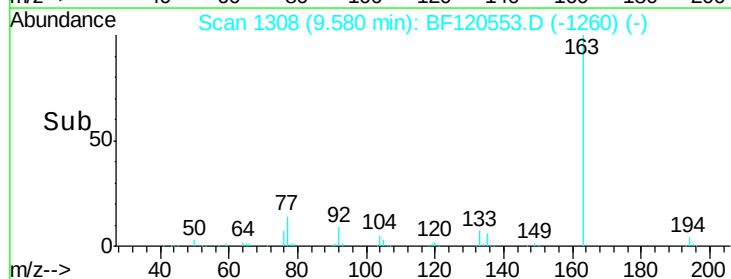
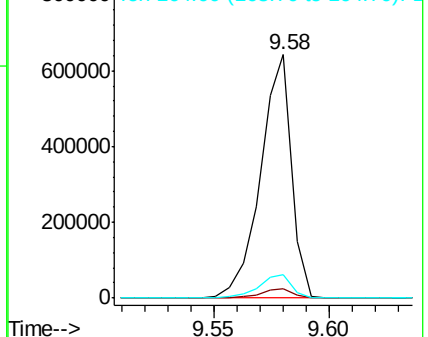
164 9.8 8.0 12.0

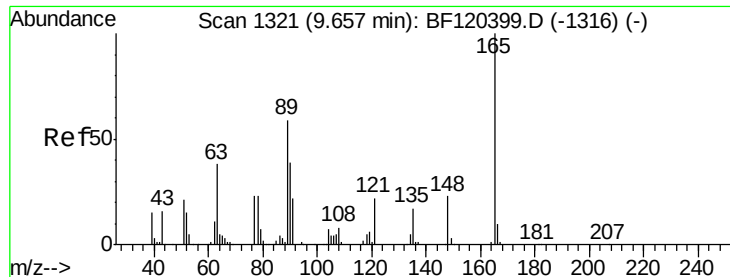


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

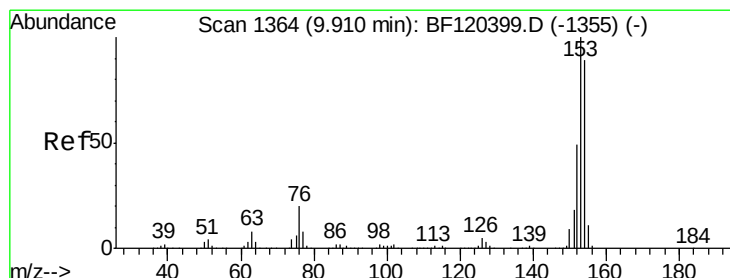
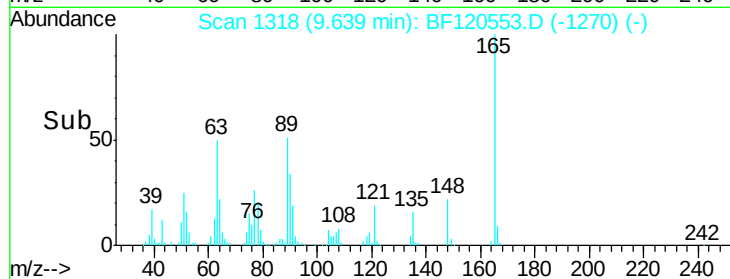
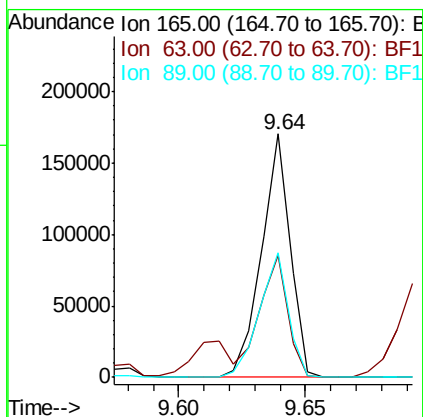
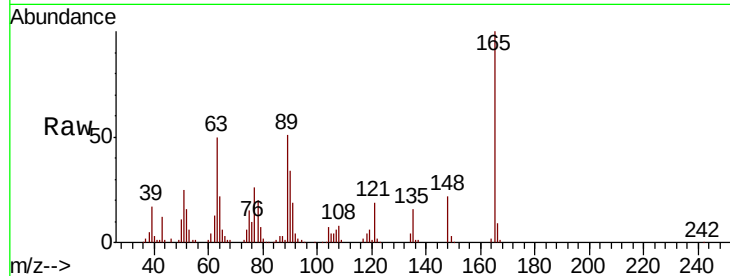




#51
 2,6-Dinitrotoluene
 Concen: 43.898 ng
 RT: 9.64 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

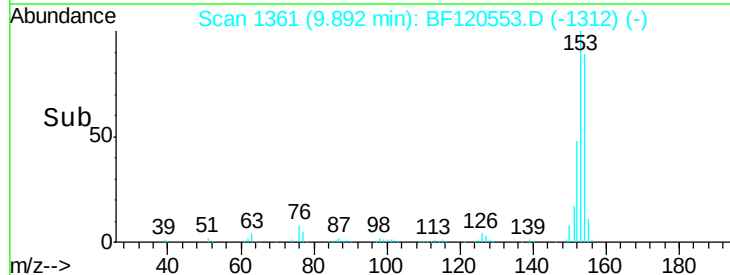
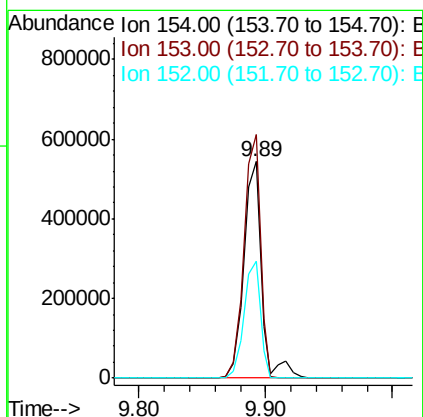
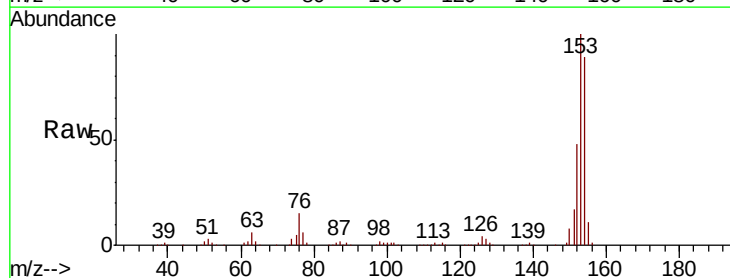
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

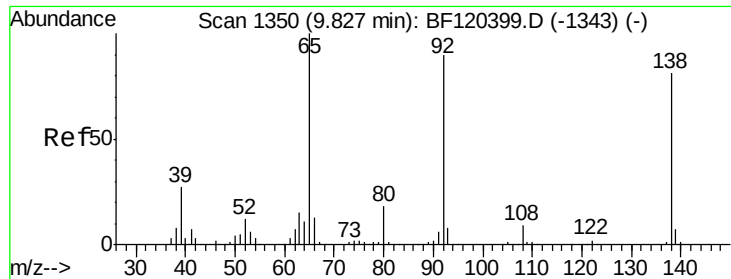
Tot Ion:165 Resp: 135229
 Ion Ratio Lower Upper
 165 100
 63 50.1 39.8 59.8
 89 51.4 41.0 61.4



#52
 Acenaphthene
 Concen: 45.230 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:154 Resp: 523199
 Ion Ratio Lower Upper
 154 100
 153 112.6 90.1 135.1
 152 54.2 43.7 65.5

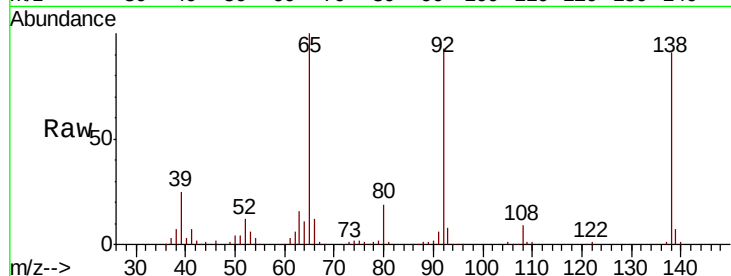




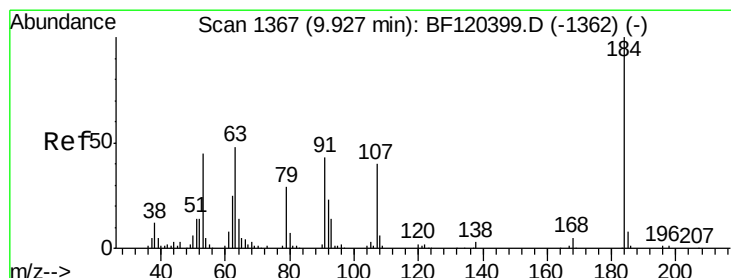
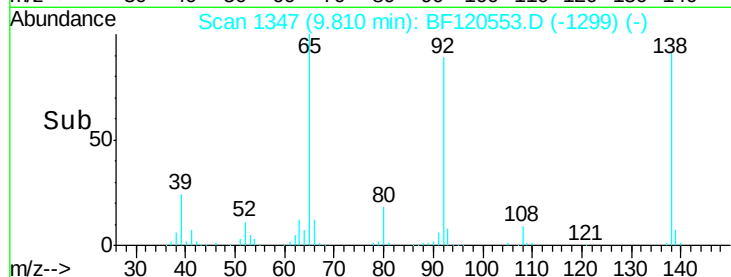
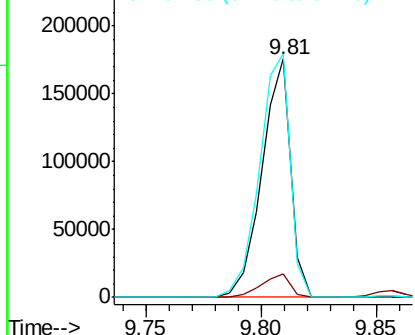
#53
 3-Nitroaniline
 Concen: 42.258 ng
 RT: 9.81 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 152863
 Ion Ratio Lower Upper
 138 100
 108 9.8 8.0 12.0
 92 102.1 85.8 128.6

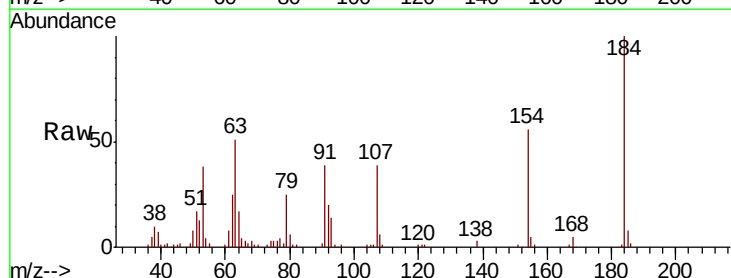


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

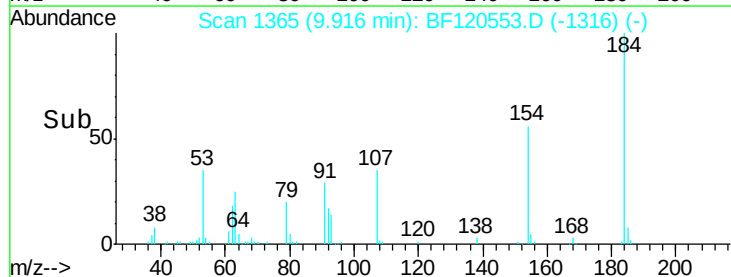
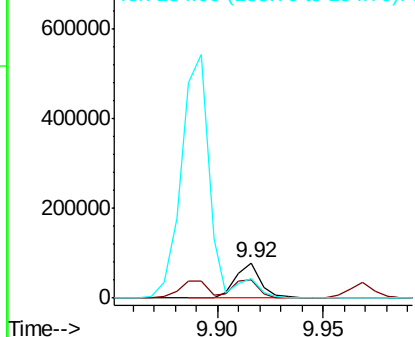


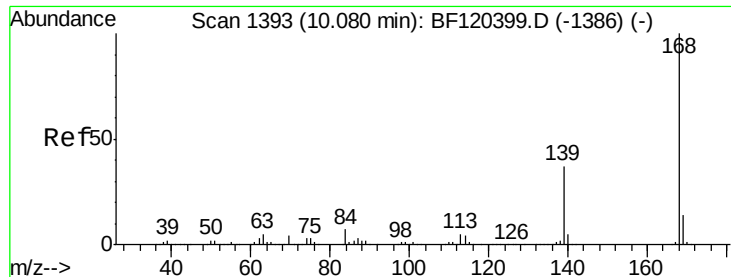
#54
 2,4-Dinitrophenol
 Concen: 54.675 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:184 Resp: 64527
 Ion Ratio Lower Upper
 184 100
 63 51.2 52.6 79.0#
 154 55.9 49.1 73.7



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

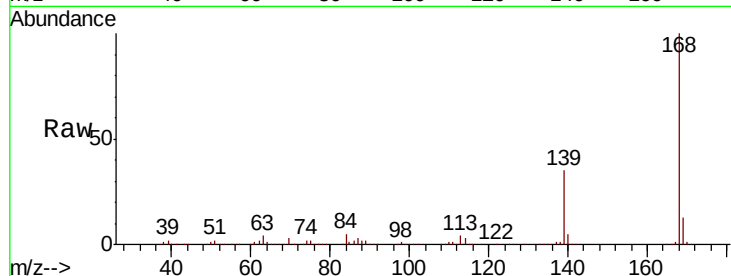




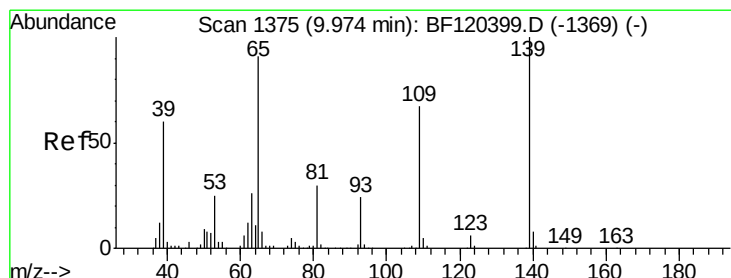
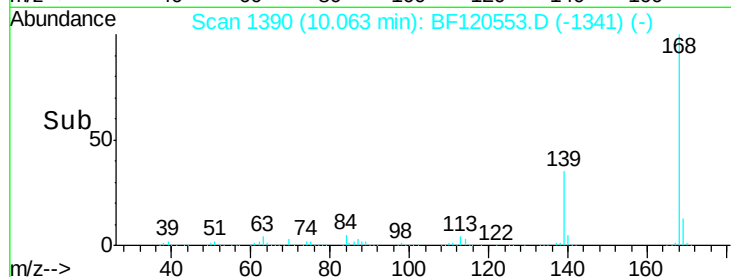
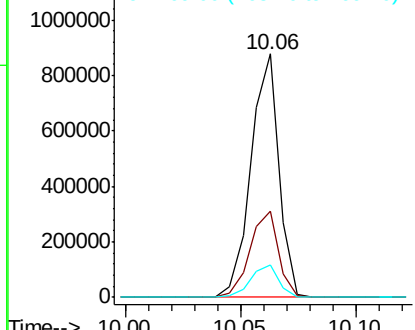
#55
Dibenzenofuran
Concen: 44.309 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 744831
Ion Ratio Lower Upper
168 100
139 35.4 30.5 45.7
169 13.3 11.0 16.6

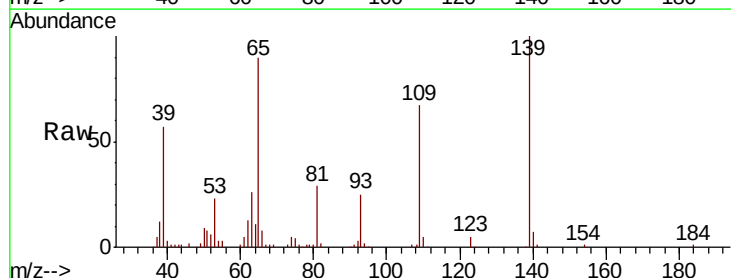


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

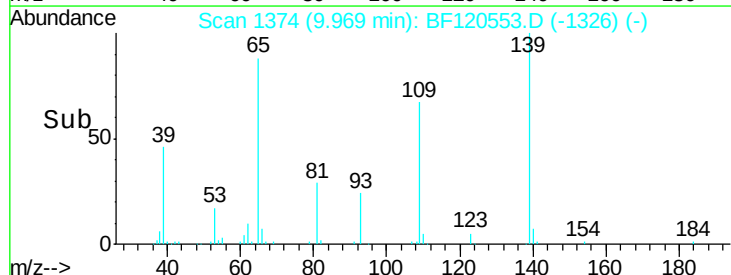
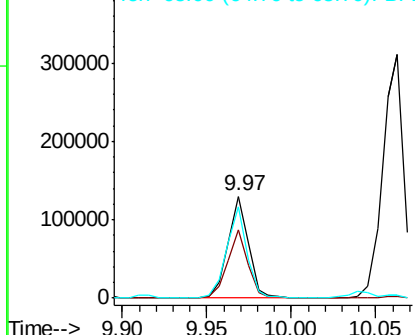


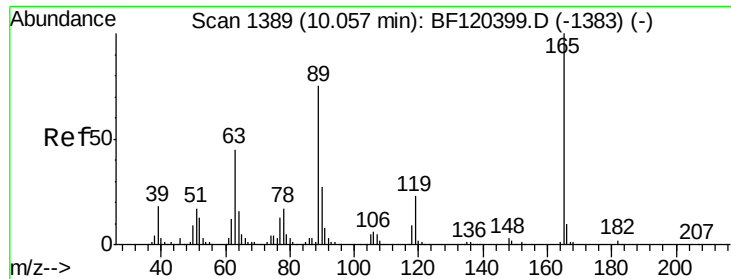
#56
4-Nitrophenol
Concen: 39.852 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:139 Resp: 110369
Ion Ratio Lower Upper
139 100
109 66.6 50.9 90.9
65 89.5 74.3 114.3



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

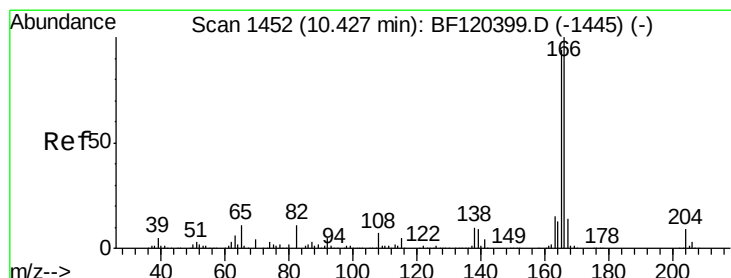
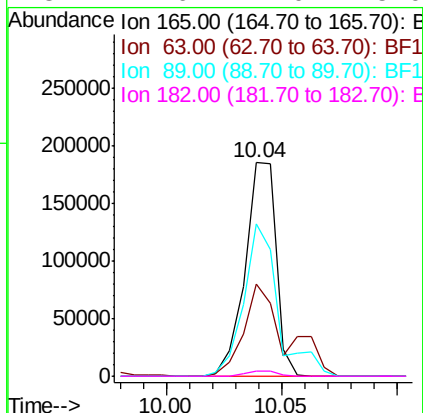
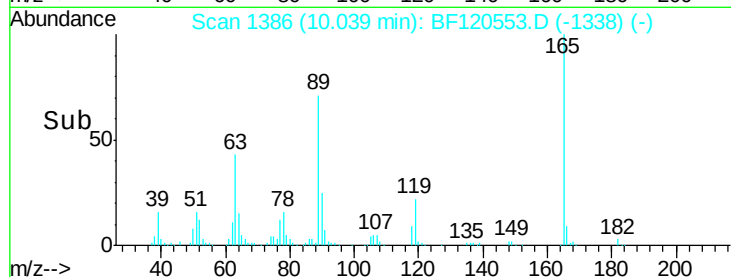
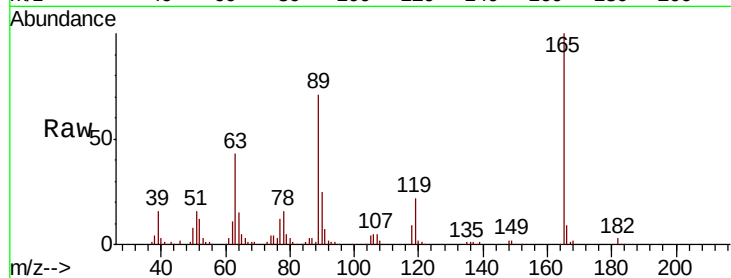




#57
2,4-Dinitrotoluene
Concen: 44.427 ng
RT: 10.04 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

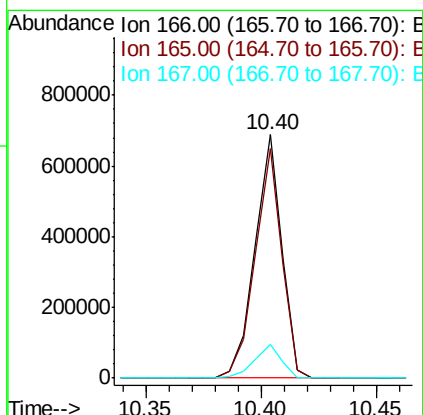
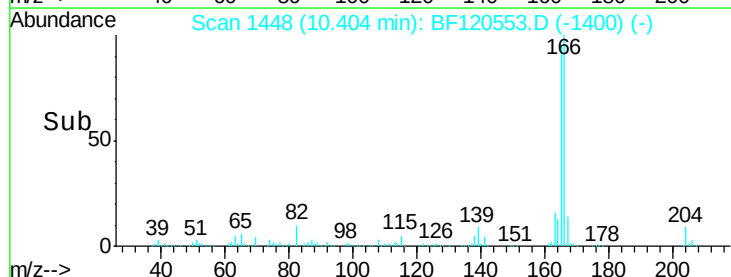
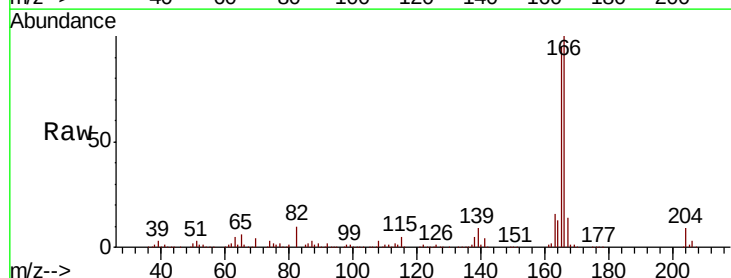
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

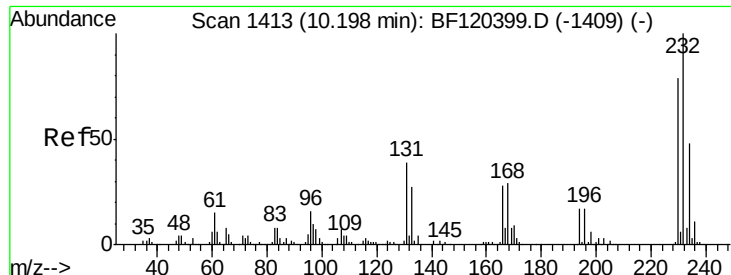
Tot Ion:165 Resp: 175157
Ion Ratio Lower Upper
165 100
63 43.3 34.1 51.1
89 71.2 56.2 84.4
182 2.6 2.0 3.0



#58
Fluorene
Concen: 44.502 ng
RT: 10.40 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:166 Resp: 561378
Ion Ratio Lower Upper
166 100
165 94.5 75.6 113.4
167 13.6 10.9 16.3

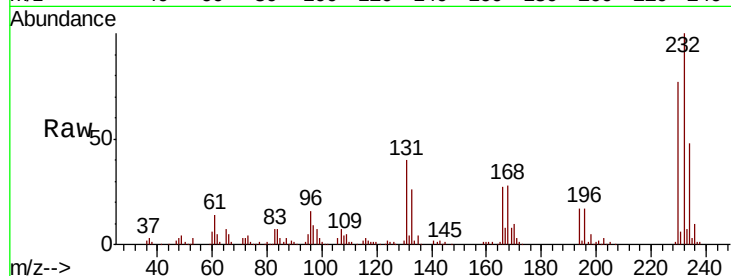




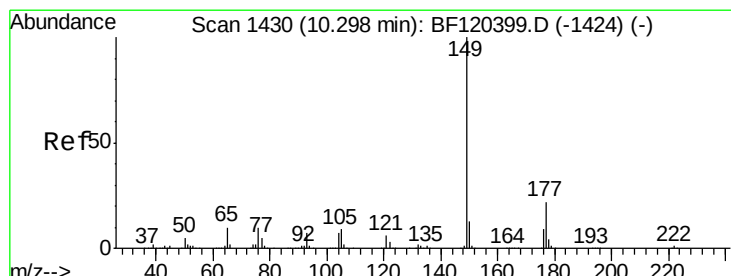
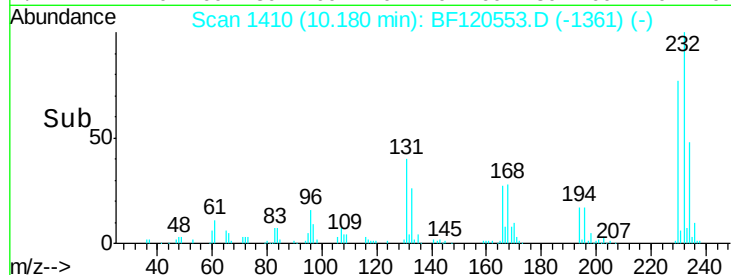
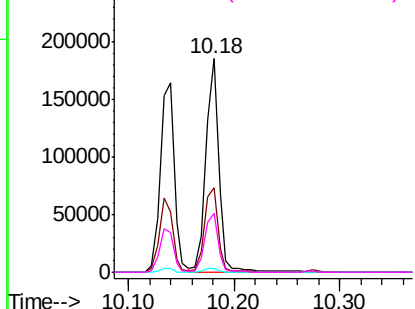
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.506 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:232 Resp: 158034
Ion Ratio Lower Upper
232 100
131 41.1 33.7 50.5
130 2.1 1.6 2.4
166 28.8 23.6 35.4

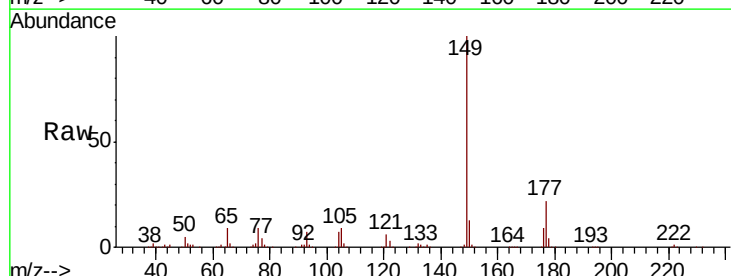


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

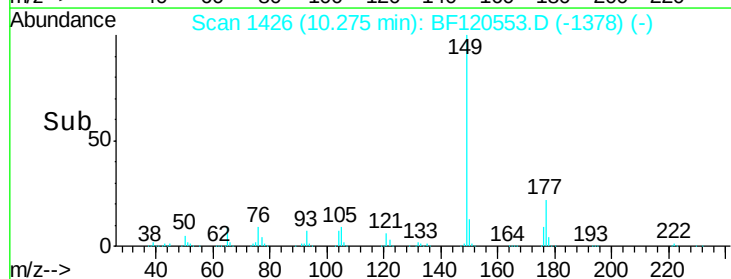
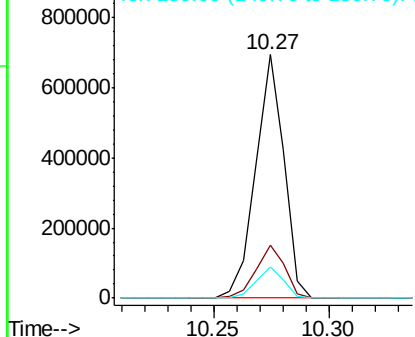


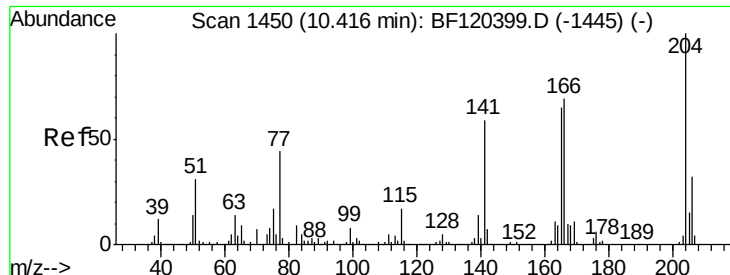
#60
Diethylphthalate
Concen: 42.429 ng
RT: 10.27 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:149 Resp: 594338
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.7 10.1 15.1



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

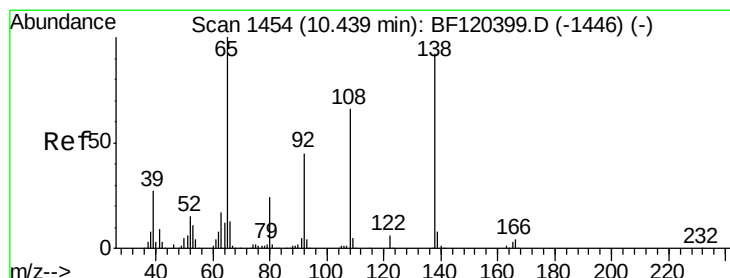
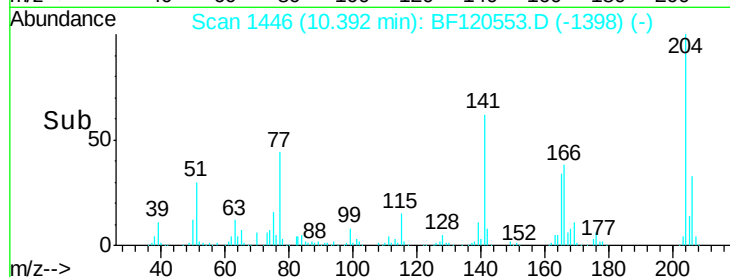
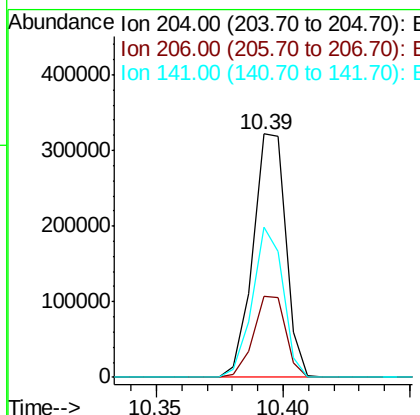
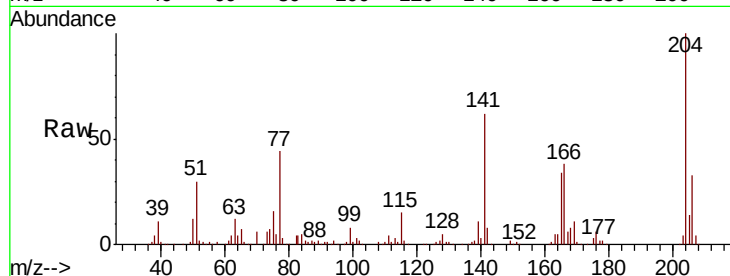




#61
4-Chlorophenyl-phenylether
Concen: 42.759 ng
RT: 10.39 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

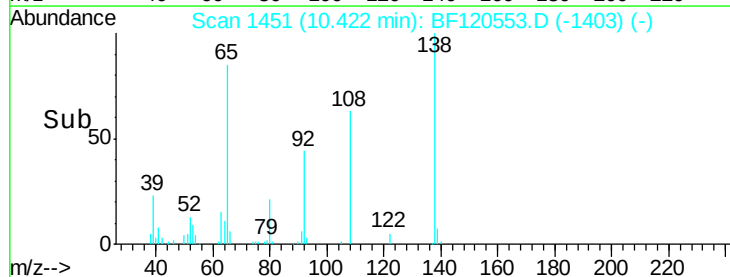
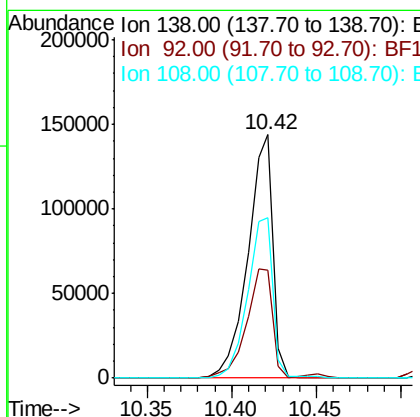
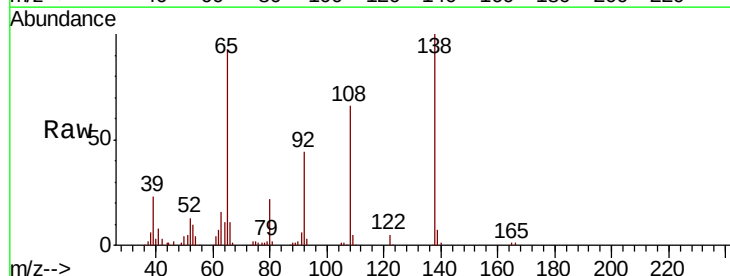
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

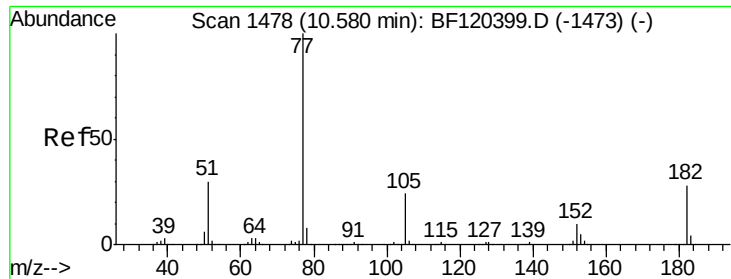
Tot Ion:204 Resp: 292433
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.2
141 61.9 45.3 67.9



#62
4-Nitroaniline
Concen: 43.513 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:138 Resp: 148600
Ion Ratio Lower Upper
138 100
92 44.4 29.3 69.3
108 66.0 50.9 90.9

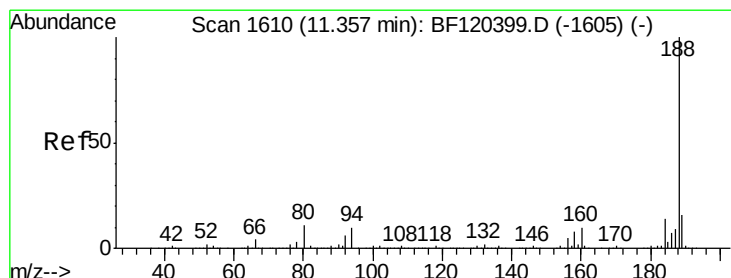
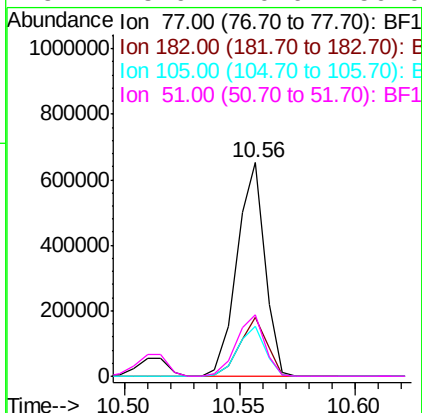
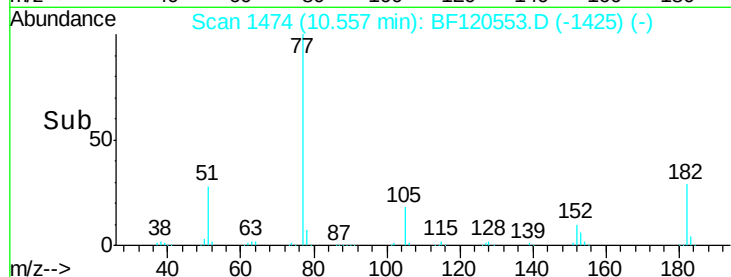
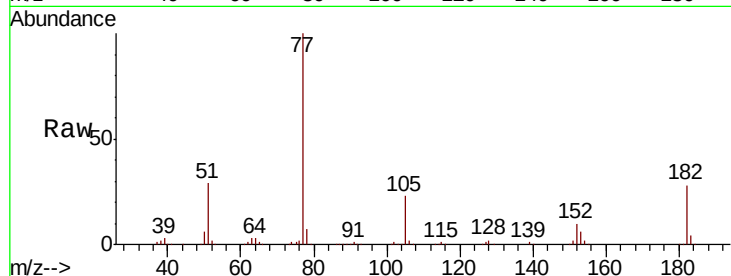




#63
Azobenzene
Concen: 41.770 ng
RT: 10.56 min Scan# 1474
Delta R.T. -0.01 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

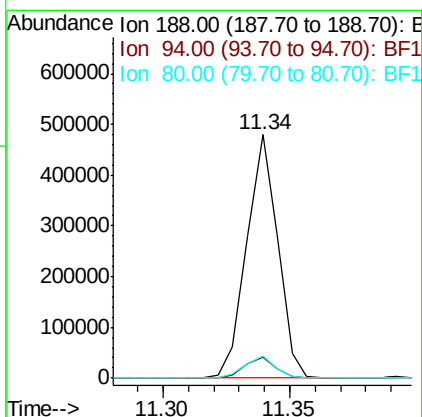
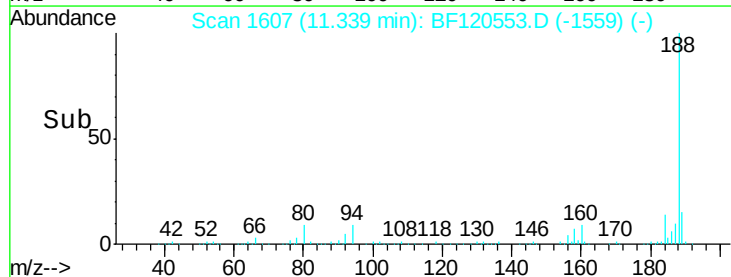
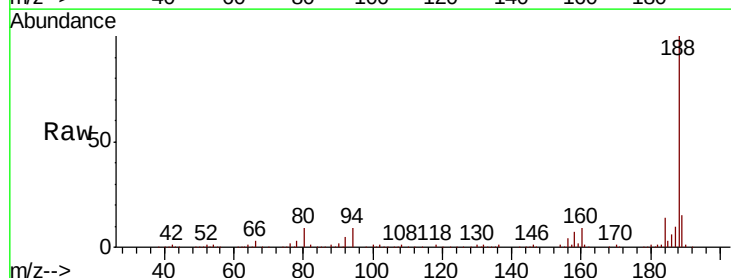
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

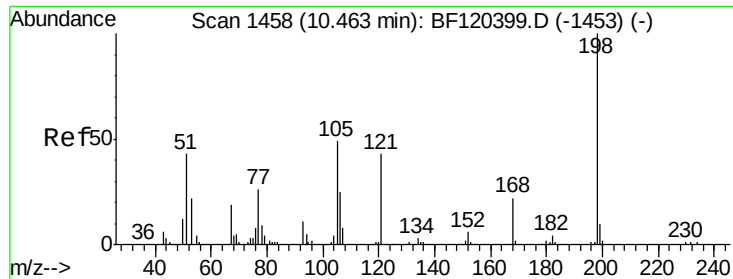
Tot Ion:	77	Resp:	550351
Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.6	44.6
105	23.2	2.5	42.5
51	28.9	10.0	50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:	188	Resp:	410971
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.4	11.2
80	9.2	7.6	11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 60.953 ng

RT: 10.45 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

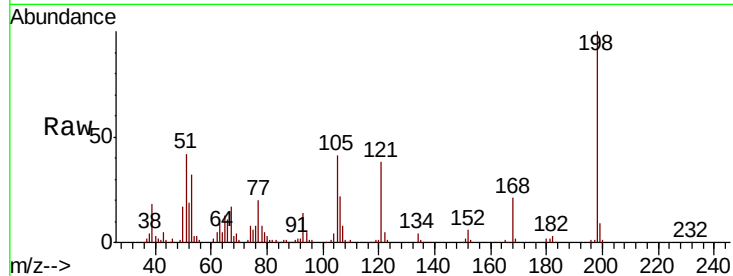
Tot Ion:198 Resp: 91368

Ion Ratio Lower Upper

198 100

51 41.5 27.9 67.9

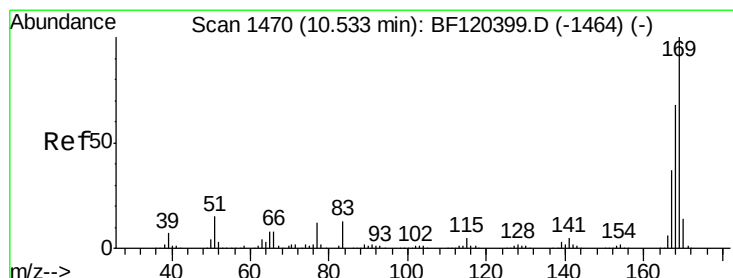
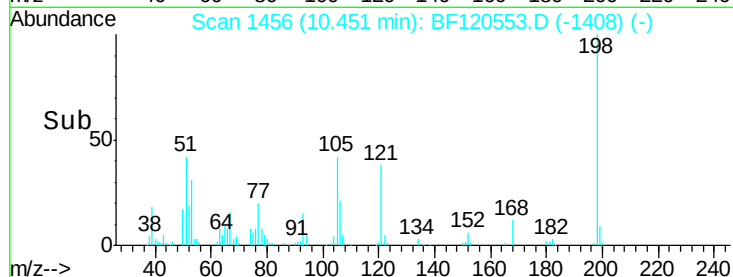
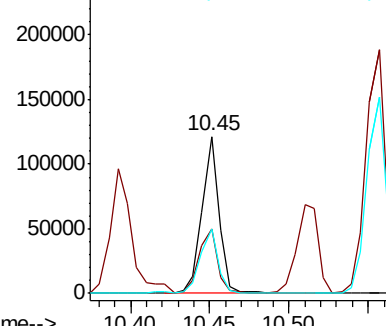
105 41.3 24.8 64.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.388 ng

RT: 10.52 min Scan# 1467

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

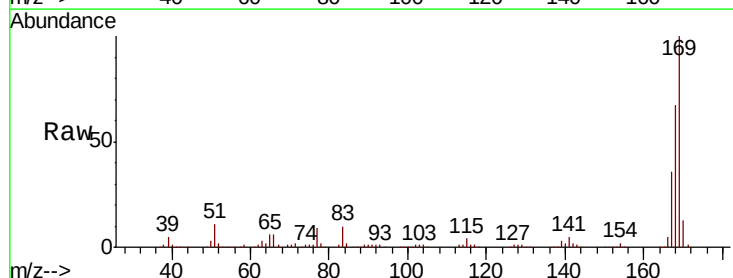
Tgt Ion:169 Resp: 506732

Ion Ratio Lower Upper

169 100

168 66.6 53.4 80.0

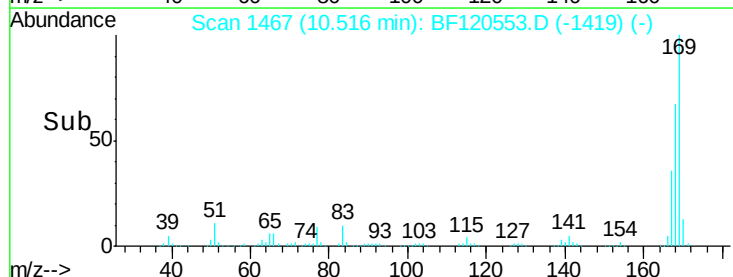
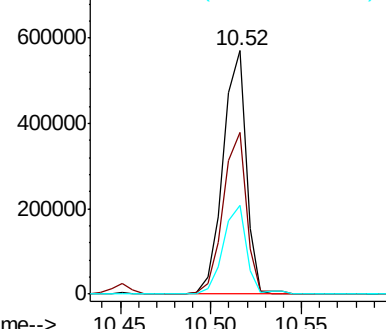
167 36.2 29.2 43.8

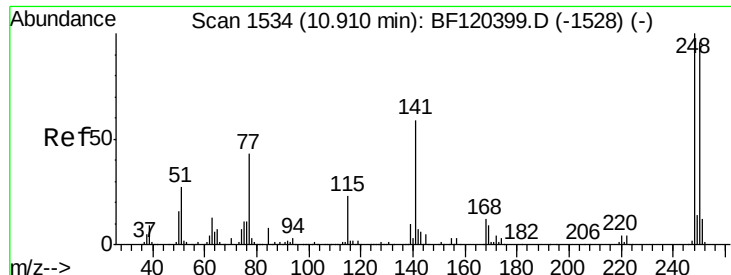


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

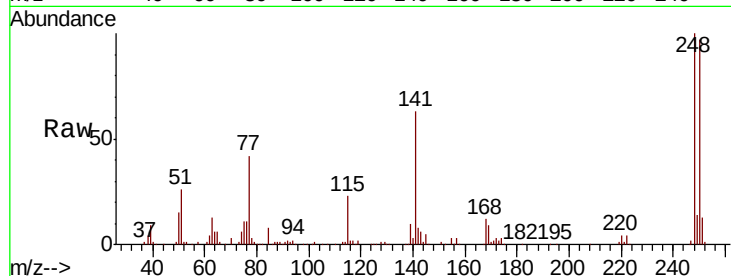




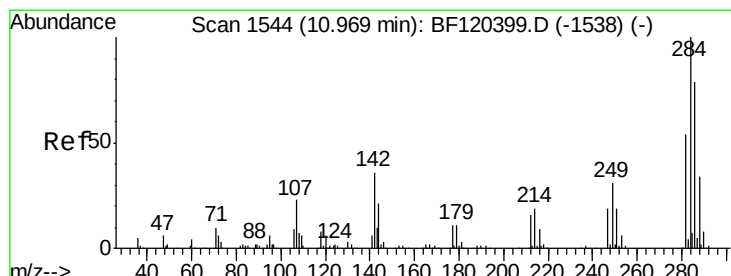
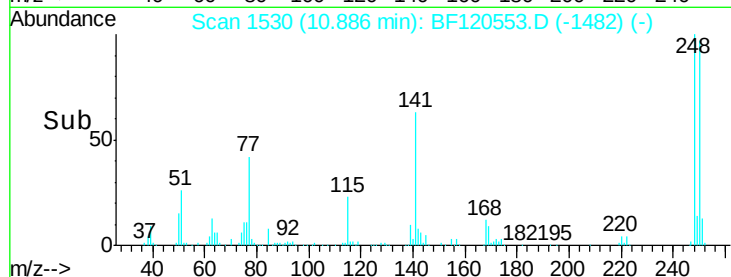
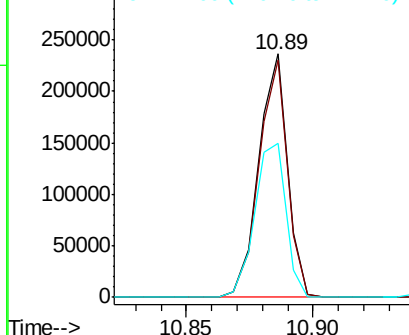
#67
4-Bromophenyl-phenylether
Concen: 45.191 ng
RT: 10.89 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 187470
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.0
141 63.2 46.1 69.1

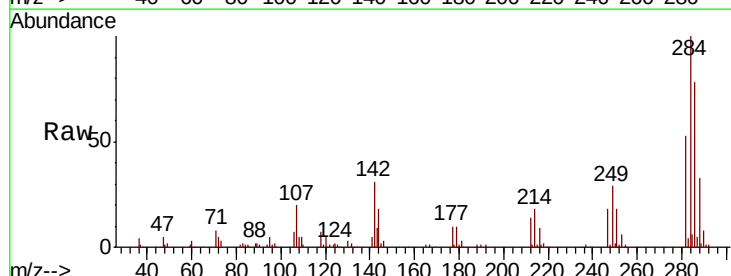


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

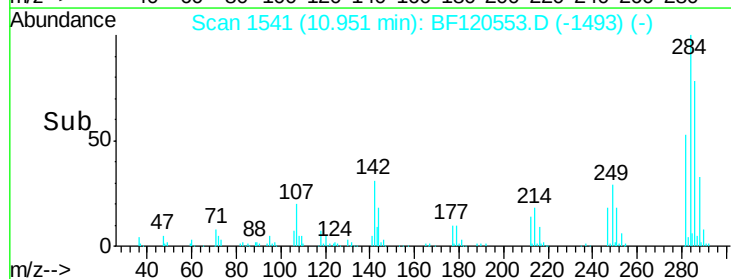
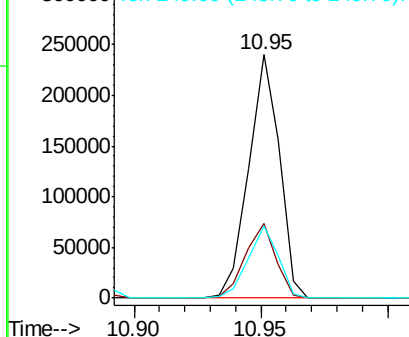


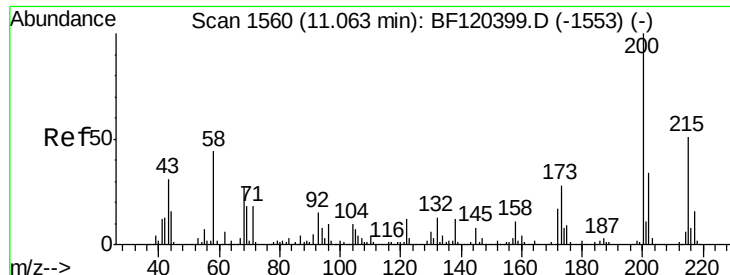
#68
Hexachlorobenzene
Concen: 45.994 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:284 Resp: 203195
Ion Ratio Lower Upper
284 100
142 30.7 24.9 37.3
249 29.4 23.8 35.6



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





#69

Atrazine

Concen: 43.785 ng

RT: 11.04 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

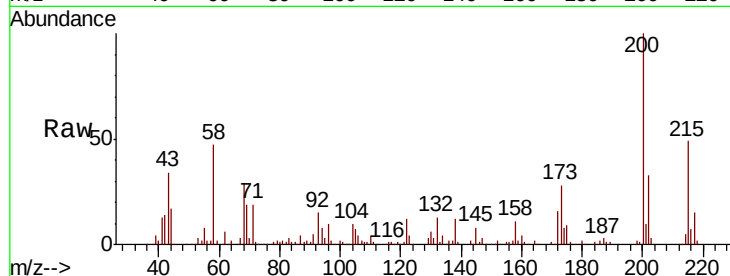
Tot Ion:200 Resp: 140888

Ion Ratio Lower Upper

200 100

173 28.1 8.8 48.8

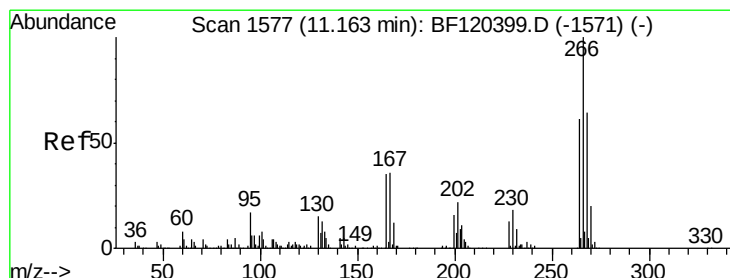
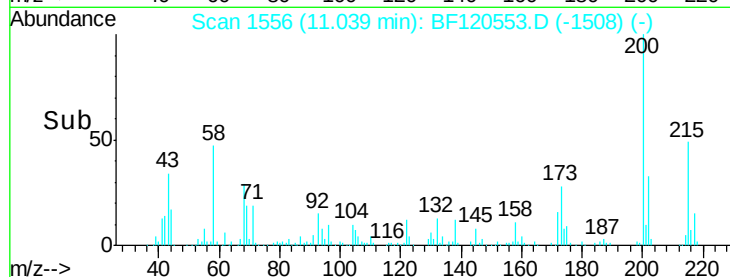
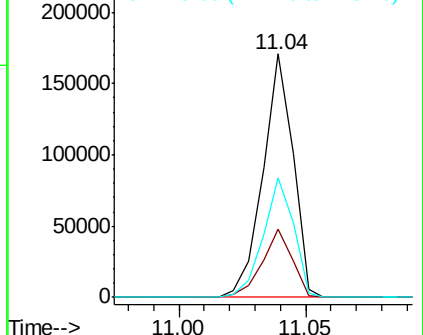
215 48.9 30.5 70.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 37.202 ng

RT: 11.15 min Scan# 1574

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

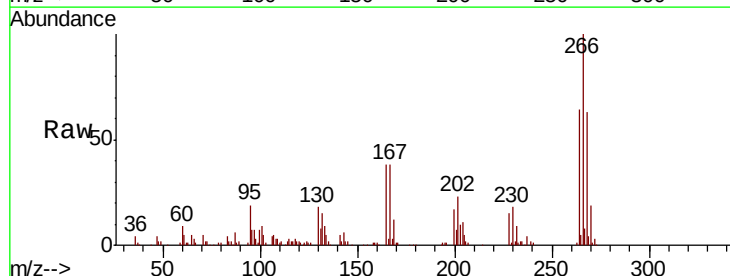
Tgt Ion:266 Resp: 100487

Ion Ratio Lower Upper

266 100

268 63.0 51.3 76.9

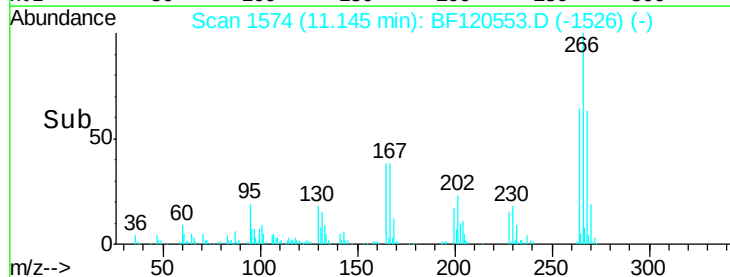
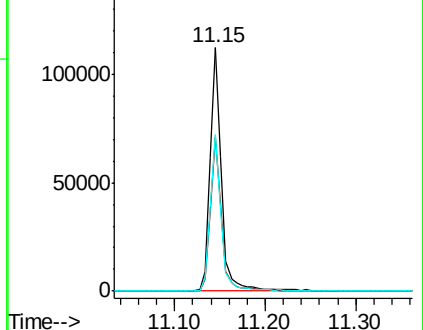
264 64.2 50.8 76.2

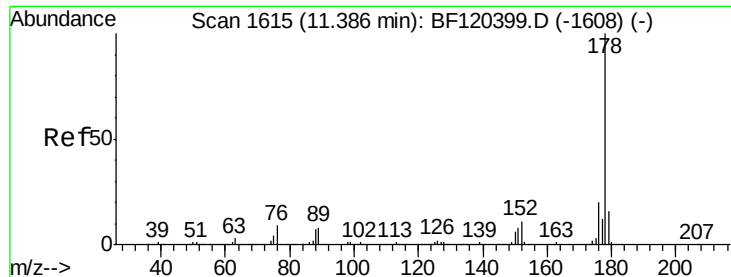


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

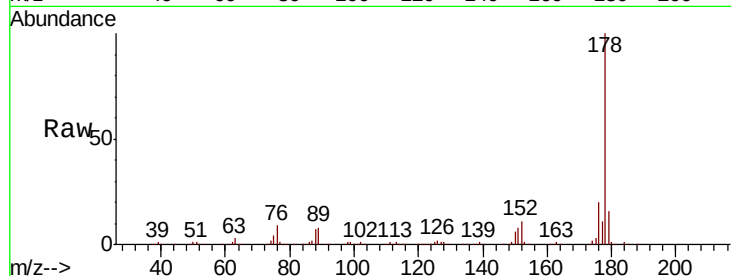




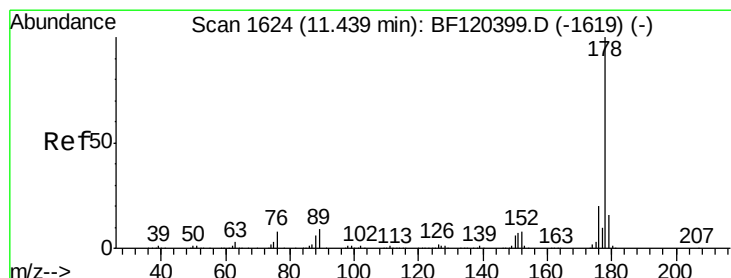
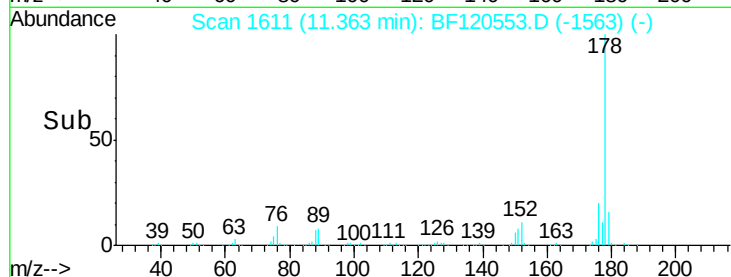
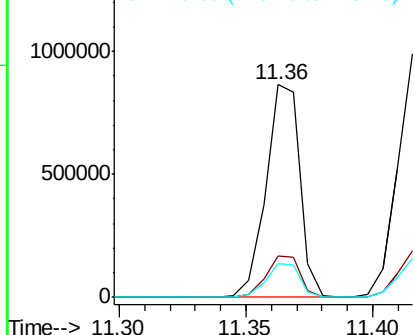
#71
Phenanthrene
Concen: 44.760 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 810544
Ion Ratio Lower Upper
178 100
176 19.6 16.2 24.2
179 15.6 12.8 19.2

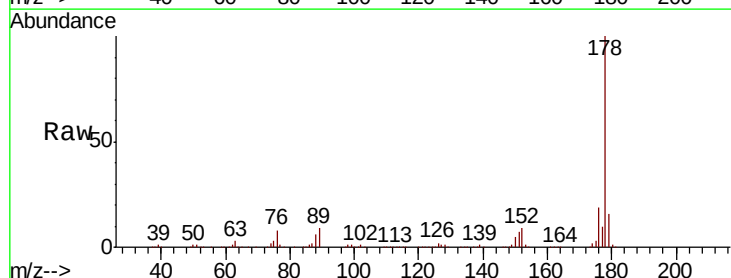


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

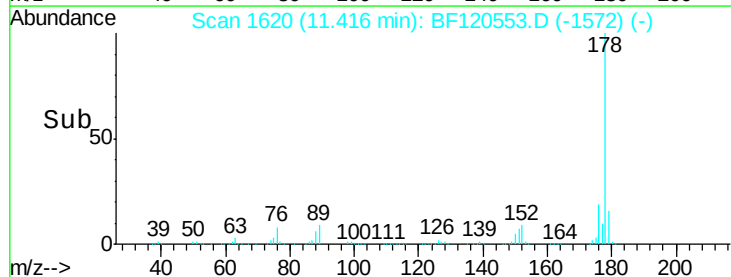
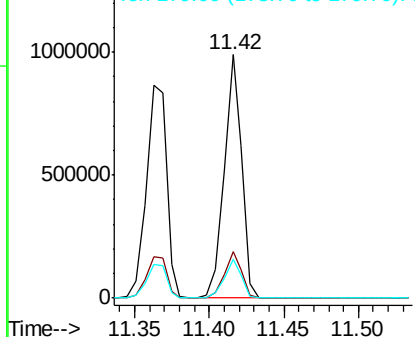


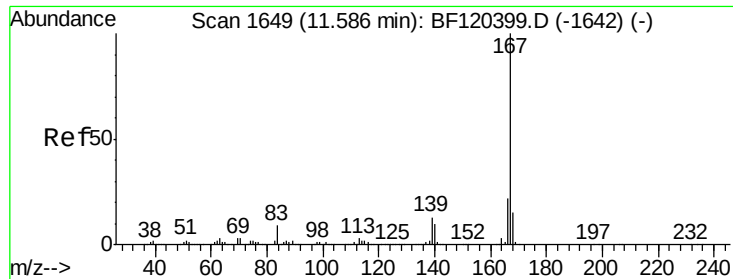
#72
Anthracene
Concen: 45.075 ng
RT: 11.42 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:178 Resp: 818982
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.8 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 54.542 ng

RT: 11.57 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

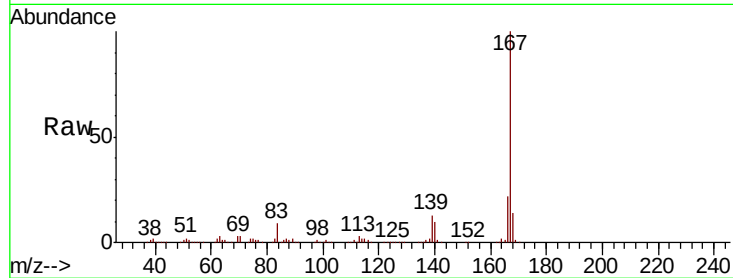
Tot Ion:167 Resp: 958495

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.0

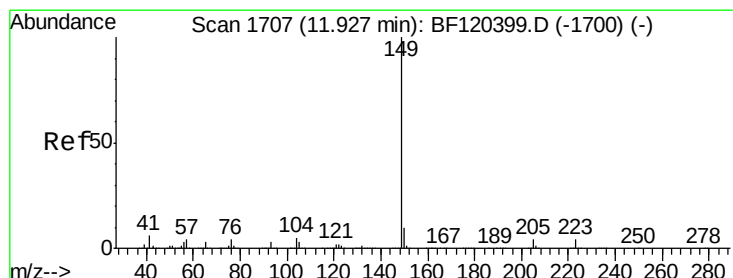
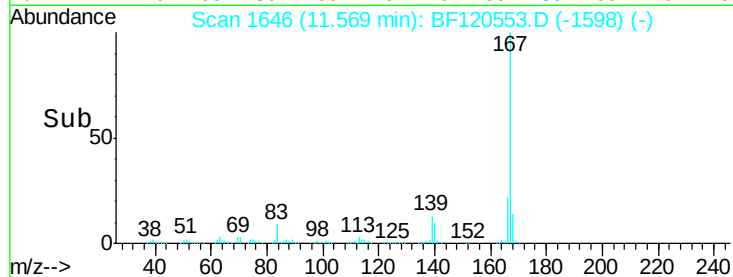
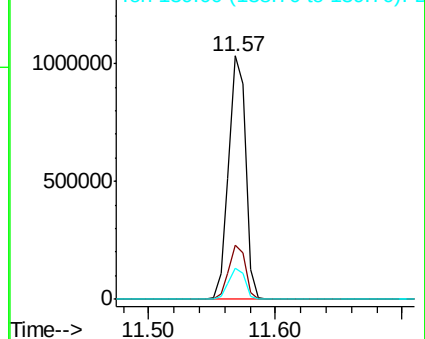
139 12.8 10.3 15.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 57.791 ng

RT: 11.90 min Scan# 1703

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

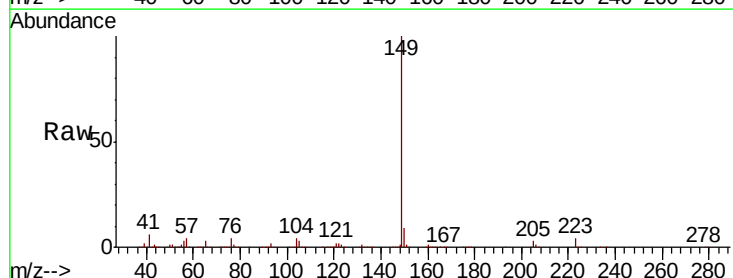
Tgt Ion:149 Resp: 1181413

Ion Ratio Lower Upper

149 100

150 9.3 7.9 11.9

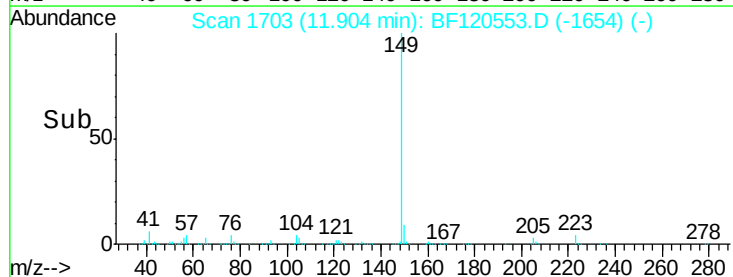
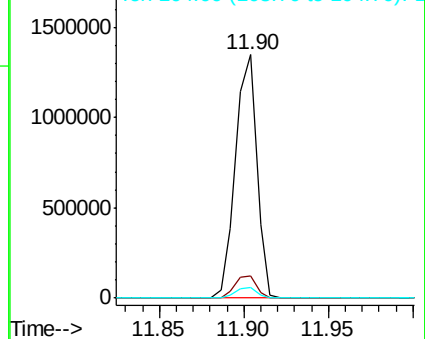
104 4.5 3.9 5.9

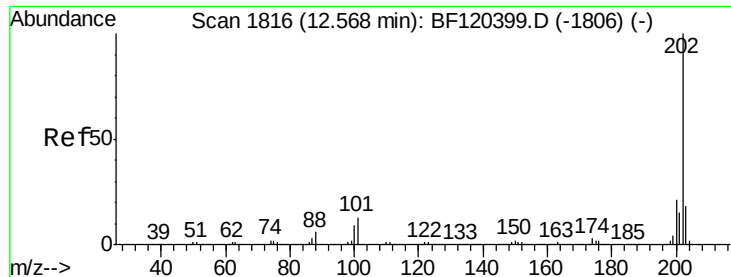


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

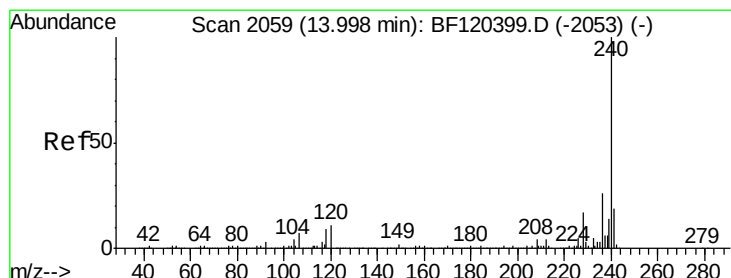
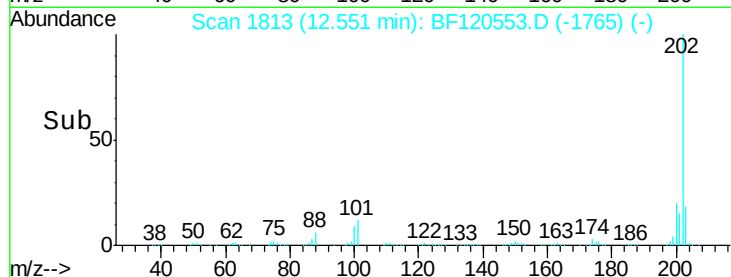
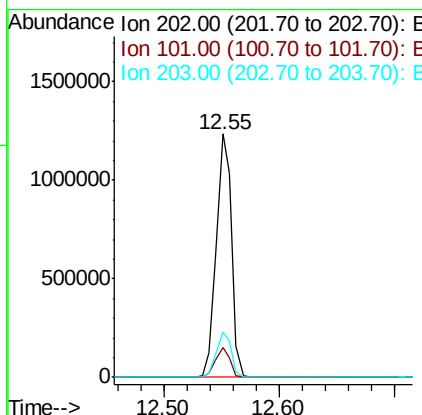
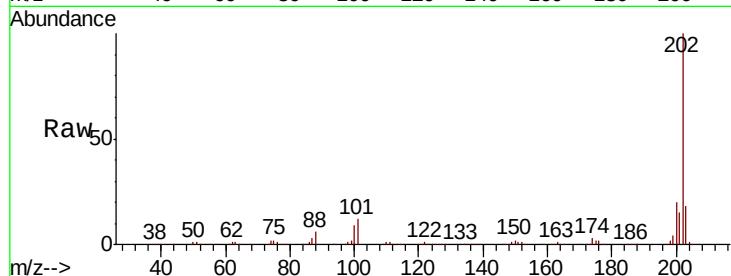




#75
Fluoranthene
Concen: 57.528 ng
RT: 12.55 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

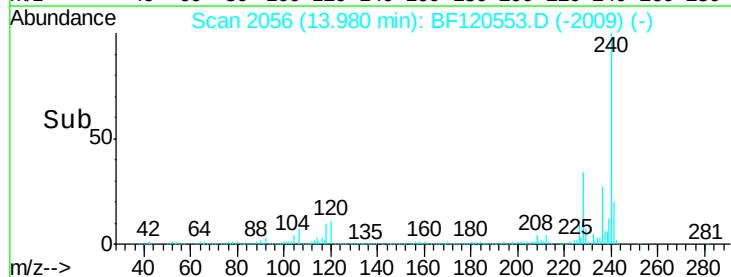
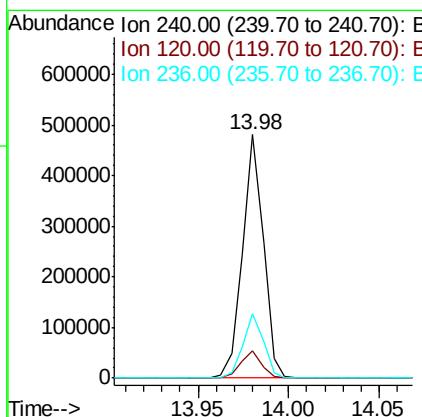
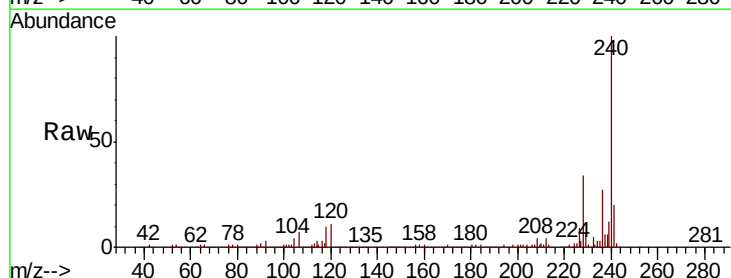
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

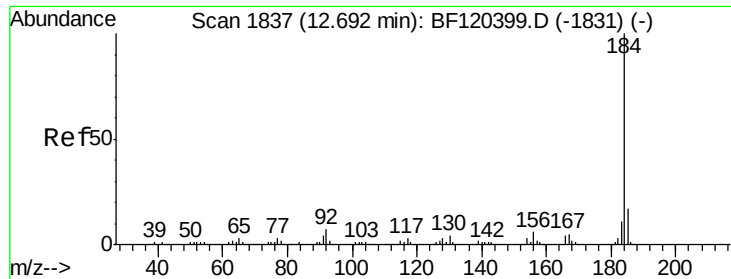
Tot Ion:202 Resp: 1120944
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.3
203 18.4 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:240 Resp: 383278
Ion Ratio Lower Upper
240 100
120 11.4 7.7 11.5
236 26.6 20.8 31.2





#77

Benzidine

Concen: 40.239 ng

RT: 12.67 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

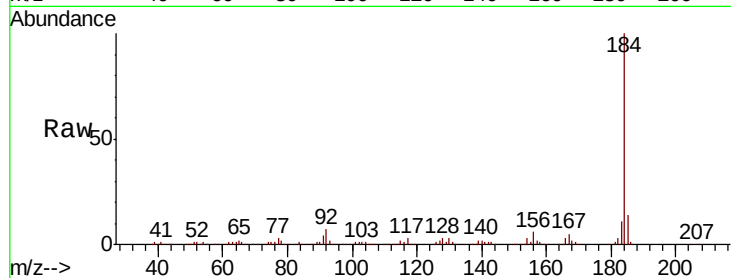
Tot Ion:184 Resp: 405224

Ion Ratio Lower Upper

184 100

185 14.1 12.6 19.0

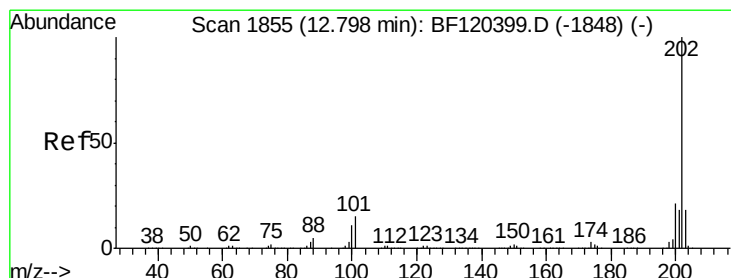
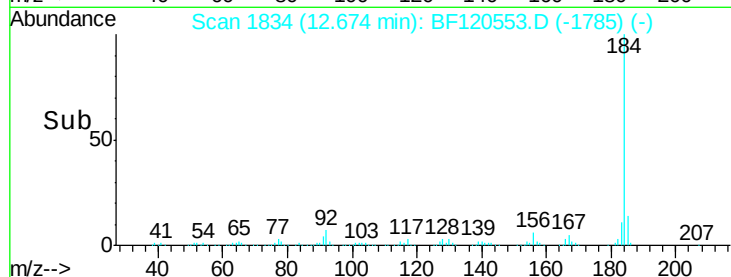
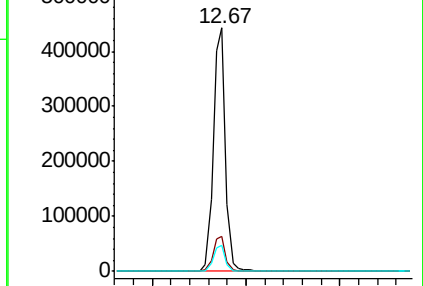
183 10.7 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.097 ng

RT: 12.78 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

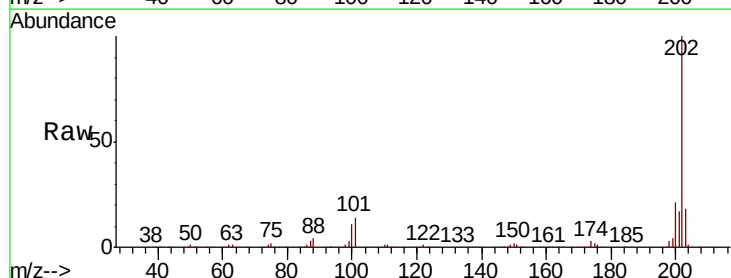
Tgt Ion:202 Resp: 1068773

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

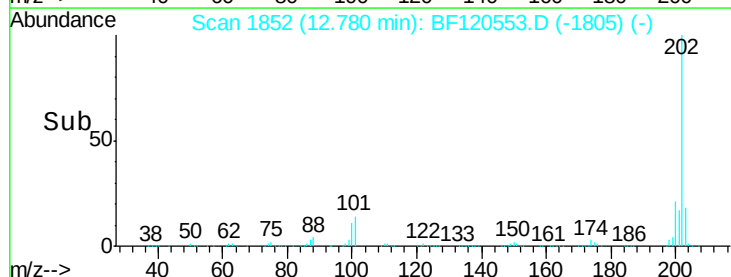
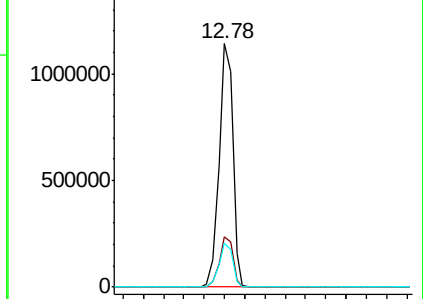
203 18.0 14.2 21.2

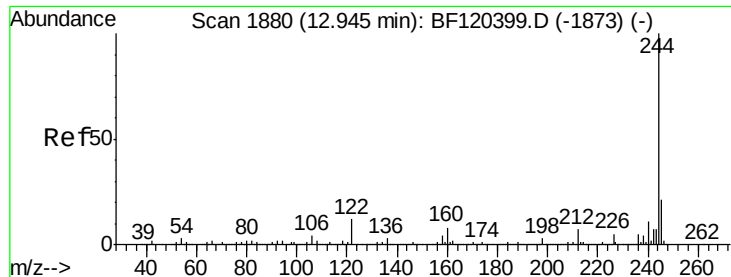


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

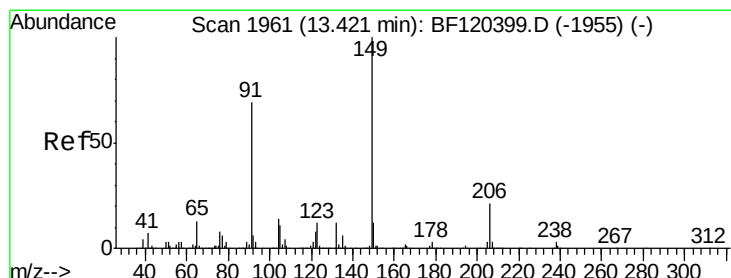
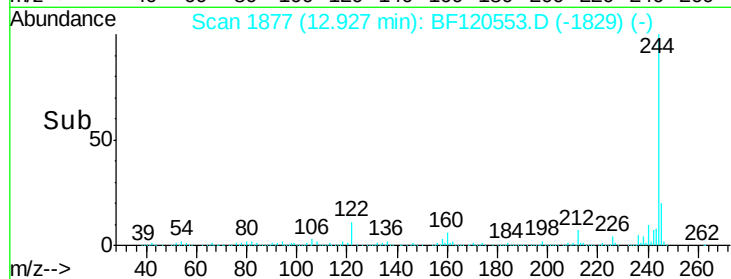
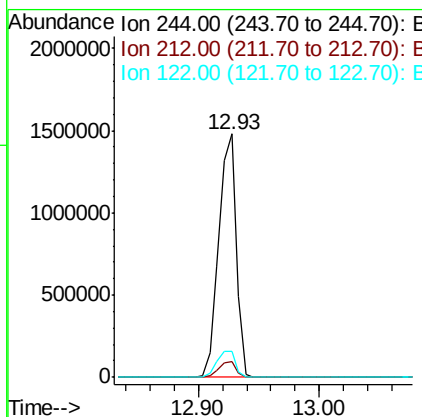
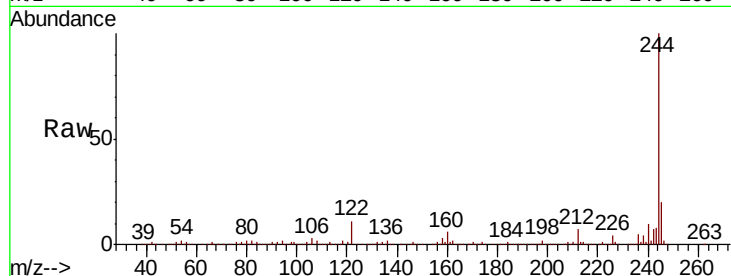




#79
 Terphenyl-d14
 Concen: 85.108 ng
 RT: 12.93 min Scan# 1877
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

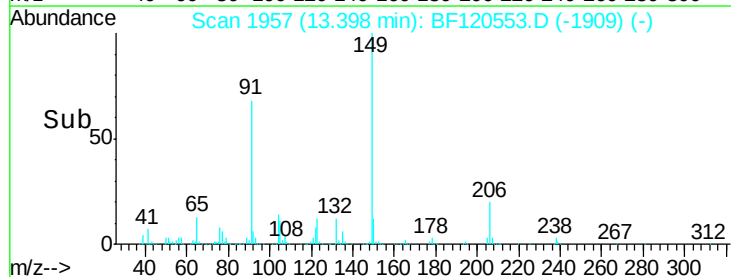
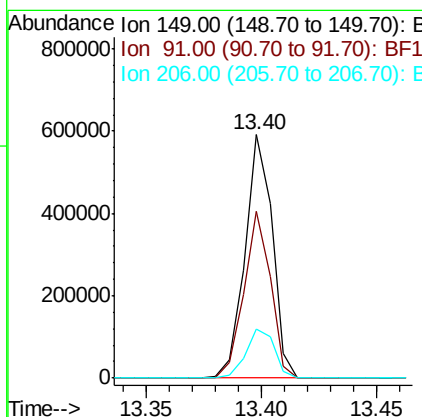
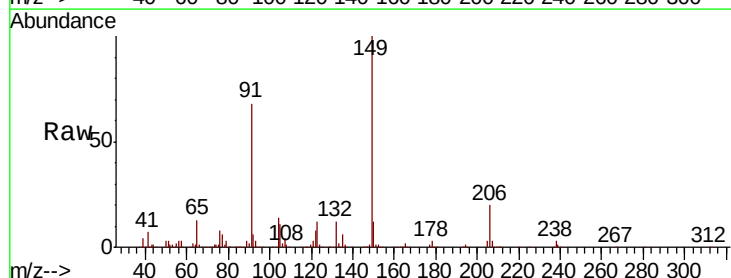
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

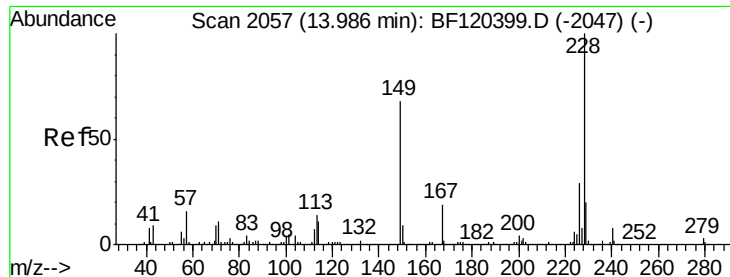
Tot Ion:244 Resp: 1465910
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.5 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 43.949 ng
 RT: 13.40 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:149 Resp: 489057
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.5 83.3
 206 20.2 17.0 25.6





#81

Benzo(a)anthracene

Concen: 45.512 ng

RT: 13.97 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

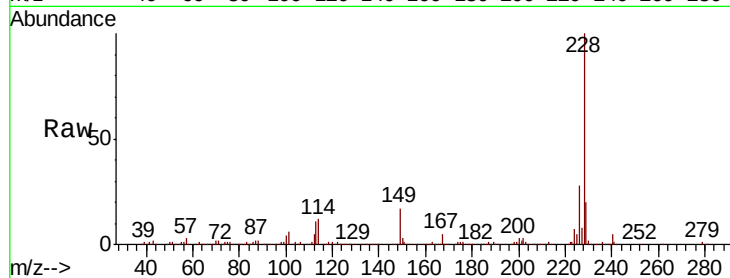
Tot Ion:228 Resp: 934899

Ion Ratio Lower Upper

228 100

226 28.4 22.4 33.6

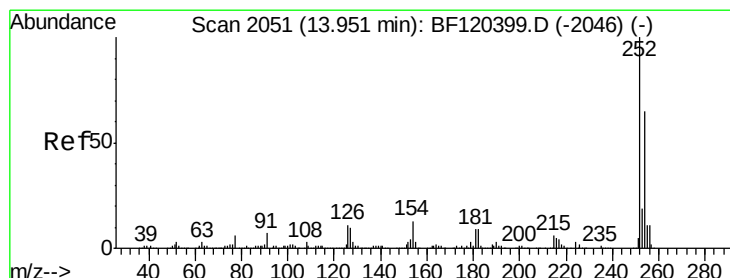
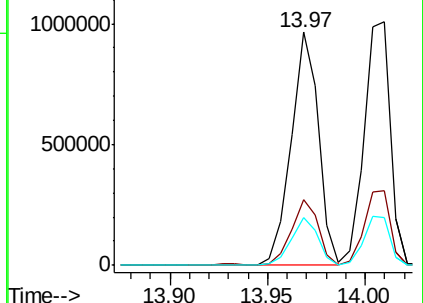
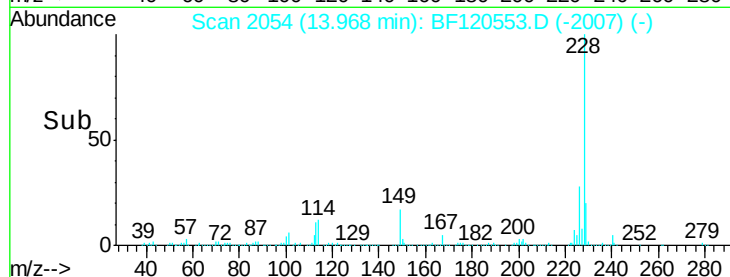
229 20.3 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.853 ng

RT: 13.93 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

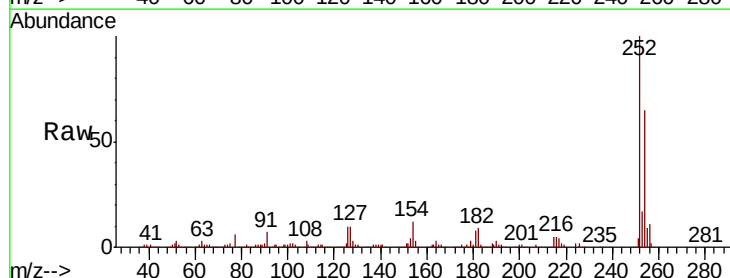
Tgt Ion:252 Resp: 349413

Ion Ratio Lower Upper

252 100

254 65.3 50.3 75.5

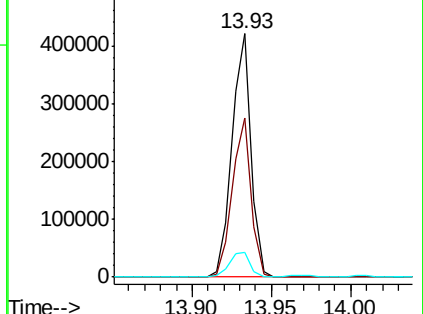
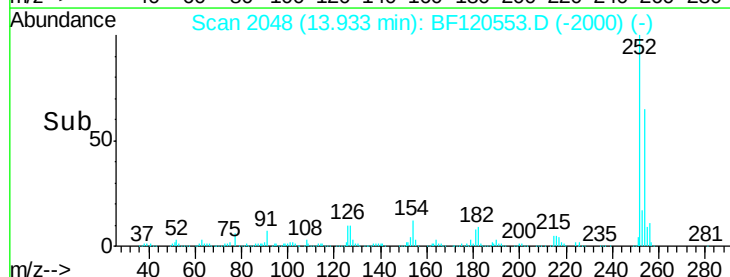
126 10.3 9.5 14.3

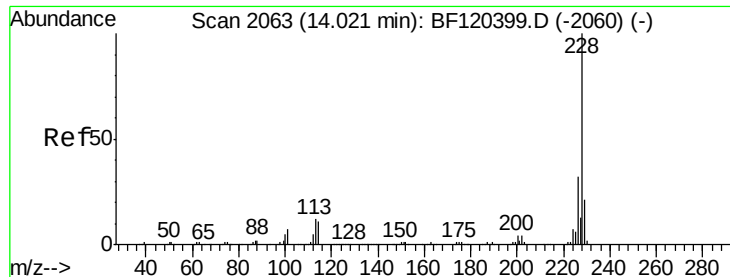


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

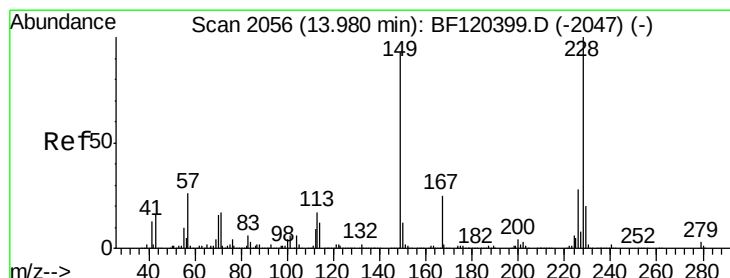
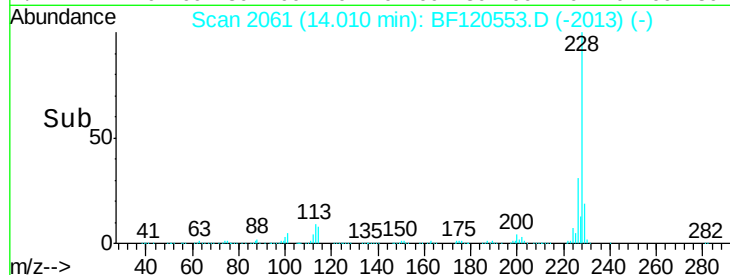
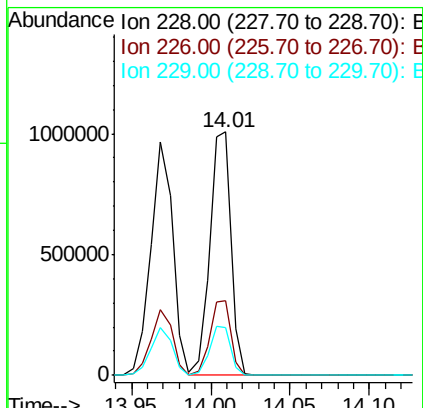
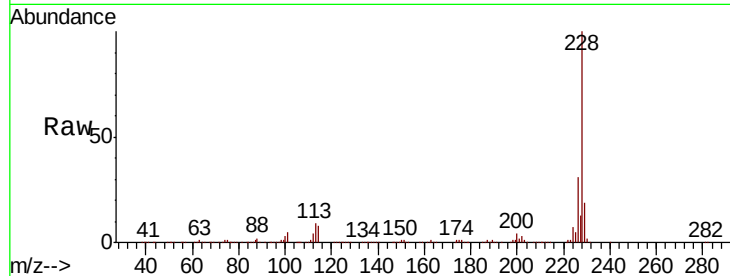




#83
 Chrysene
 Concen: 43.536 ng
 RT: 14.01 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

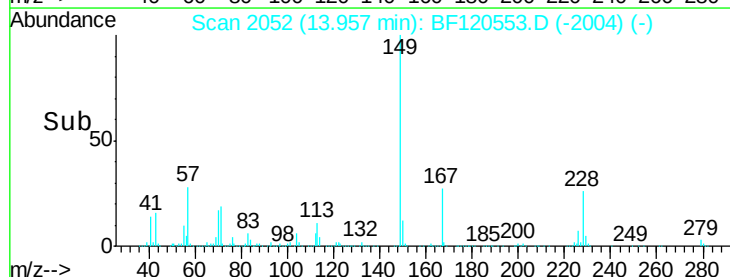
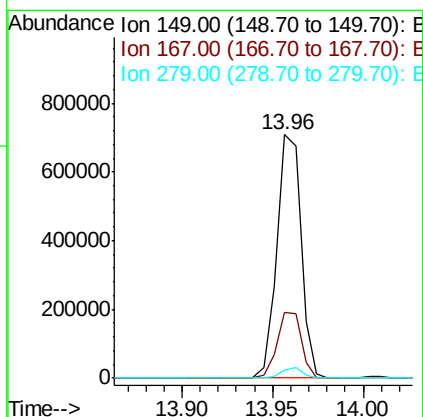
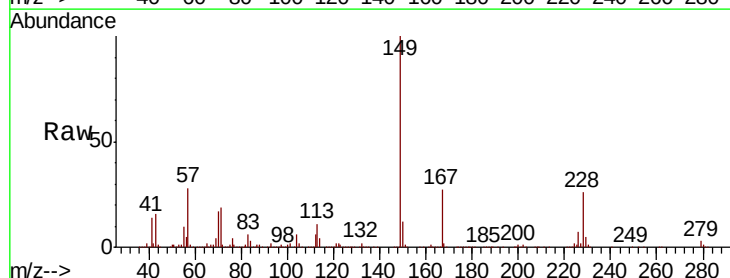
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

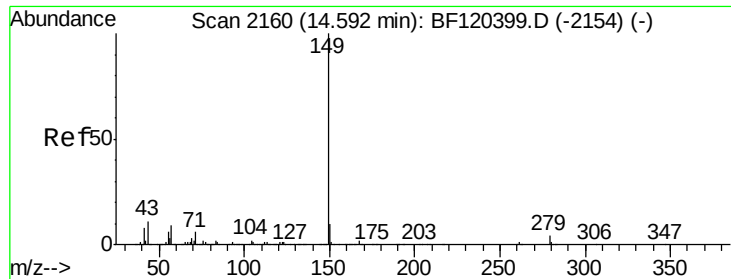
Tot Ion:228 Resp: 937559
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.6 38.4
 229 19.5 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.379 ng
 RT: 13.96 min Scan# 2052
 Delta R.T. -0.02 min
 Lab File: BF120553.D
 Acq: 5 Jun 2020 11:48

Tgt Ion:149 Resp: 658072
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.6 33.8
 279 3.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 36.786 ng

RT: 14.57 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

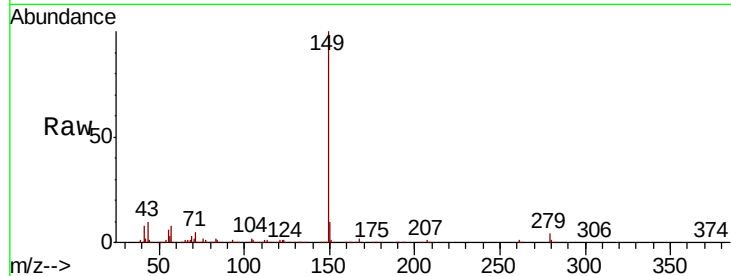
Tot Ion:149 Resp: 831457

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

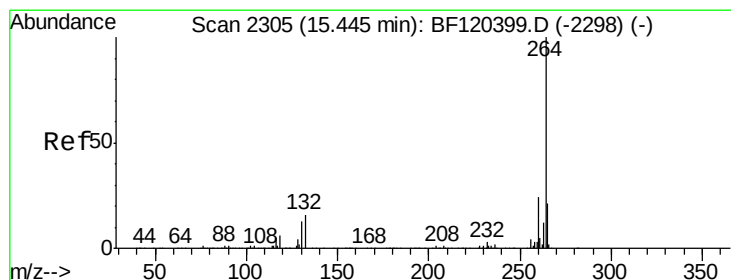
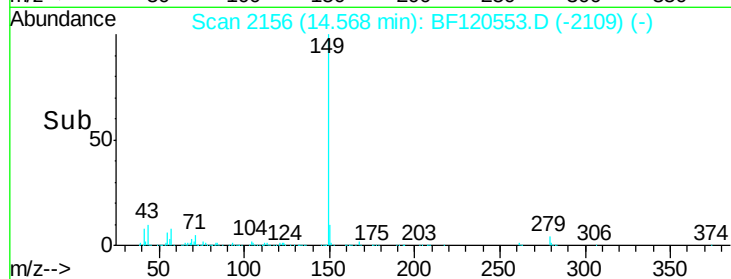
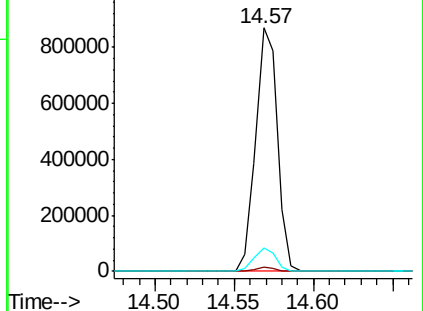
43 9.4 7.8 11.6



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: 15.43 min Scan# 2302

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

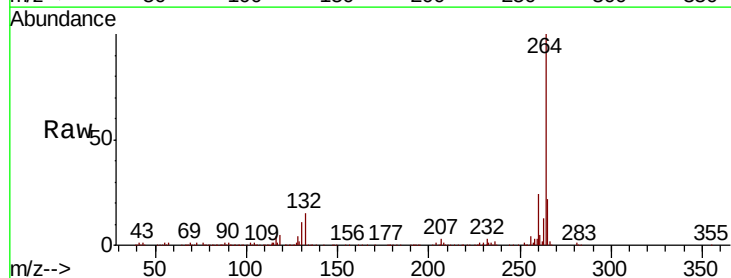
Tgt Ion:264 Resp: 283017

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

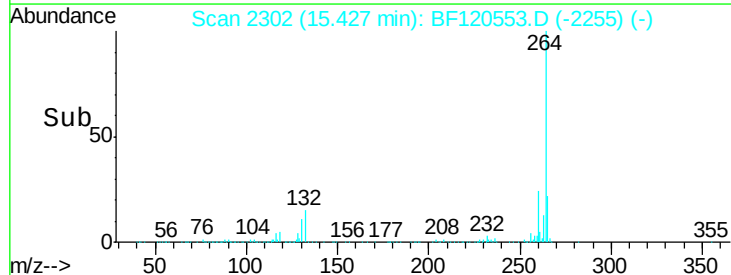
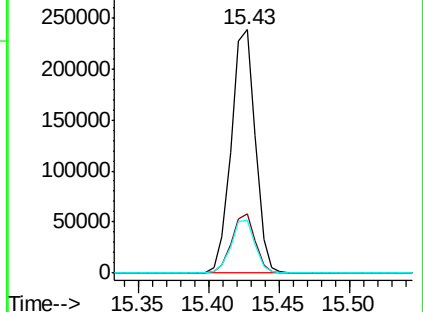
265 21.5 17.5 26.3

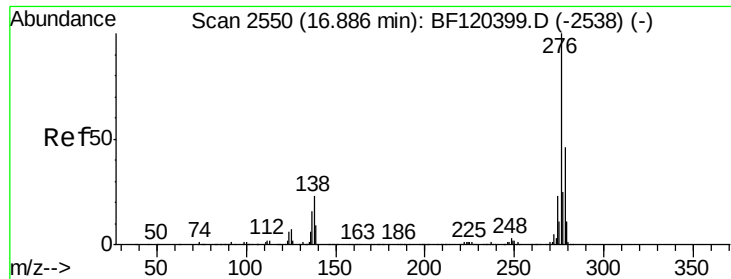


Abundance Ion 264.00 (263.70 to 264.70): E

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: 44.443 ng

RT: 16.86 min Scan# 2546

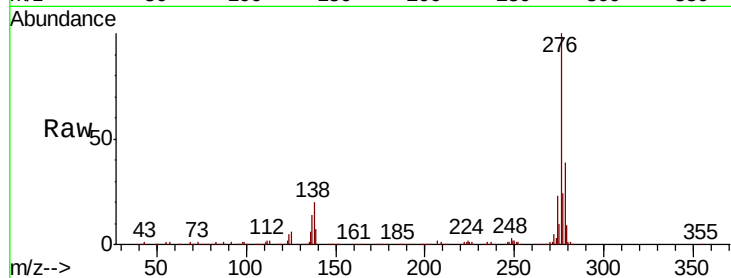
Delta R.T. -0.04 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.2	28.8
277	25.1	20.3	30.5

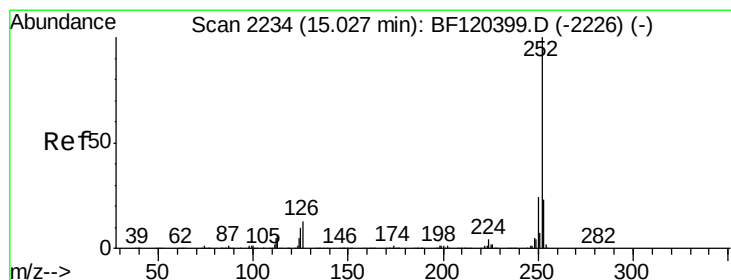
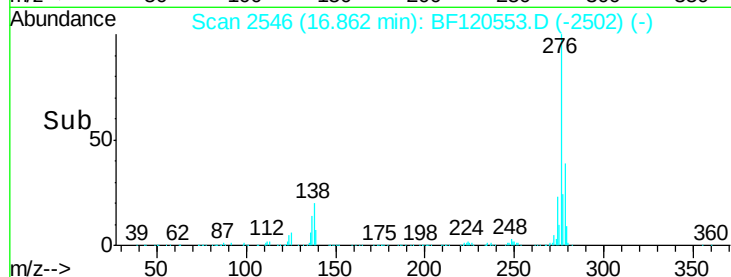
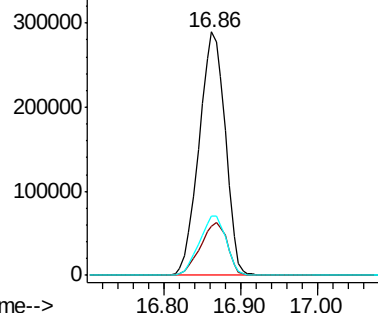


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 42.453 ng

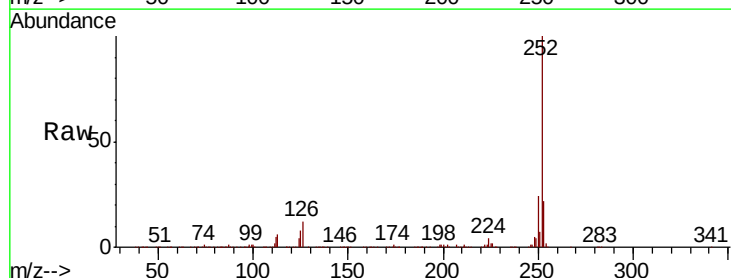
RT: 15.01 min Scan# 2231

Delta R.T. -0.02 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	8.4	8.3	12.5

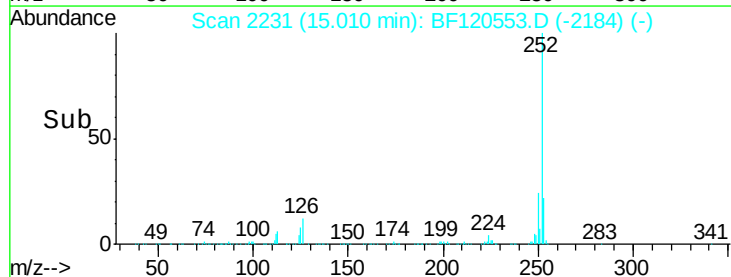
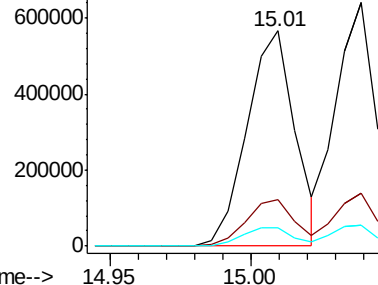


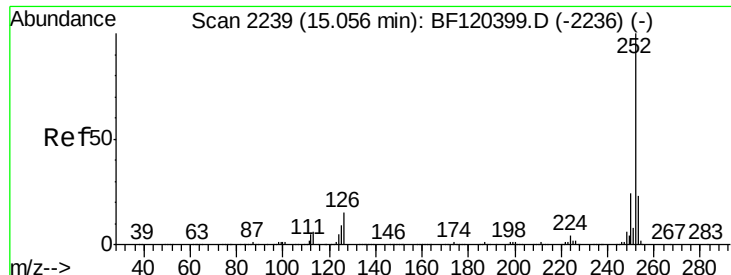
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

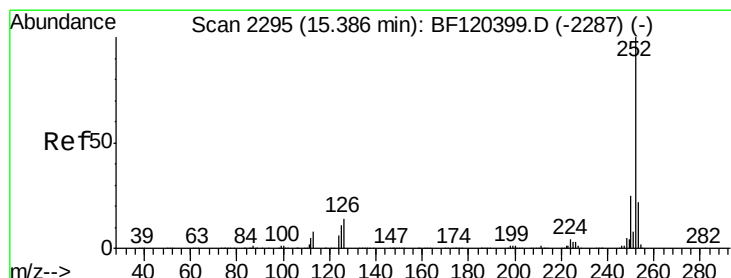
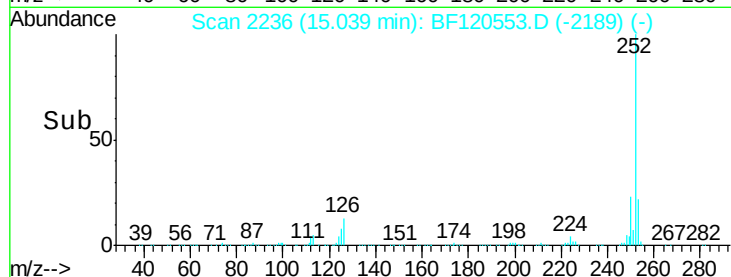
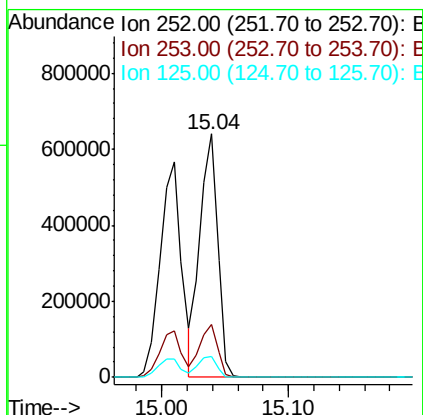
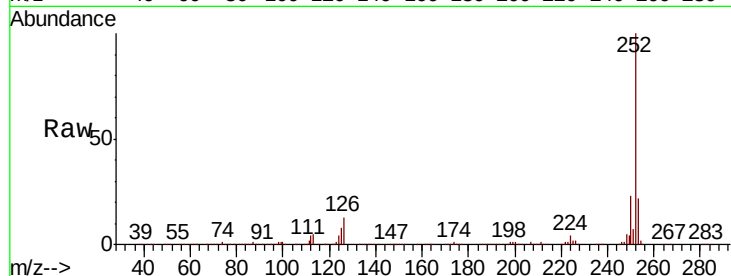




#89
Benzo(k)fluoranthene
Concen: 42.583 ng
RT: 15.04 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

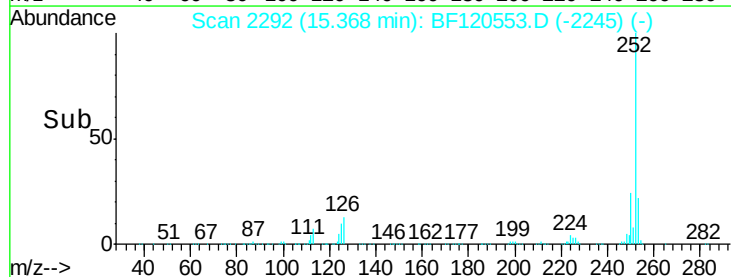
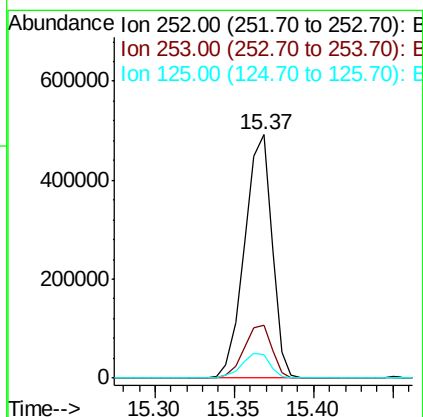
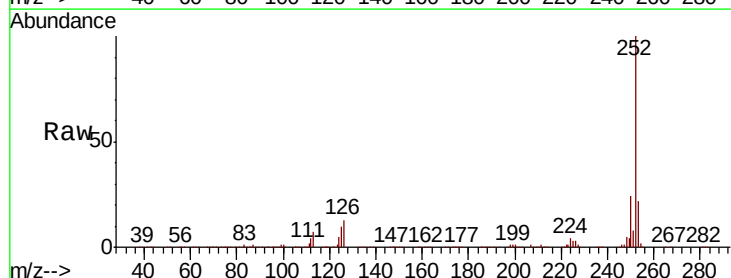
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

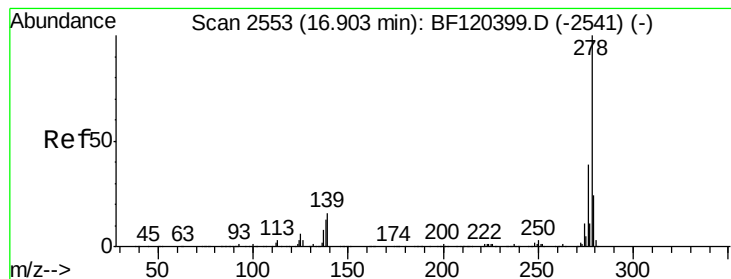
Tot Ion:252 Resp: 624910
Ion Ratio Lower Upper
252 100
253 21.7 18.4 27.6
125 8.5 8.6 13.0#



#90
Benzo(a)pyrene
Concen: 43.177 ng
RT: 15.37 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BF120553.D
Acq: 5 Jun 2020 11:48

Tgt Ion:252 Resp: 593683
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.8 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 44.730 ng

RT: 16.88 min Scan# 2549

Delta R.T. -0.04 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

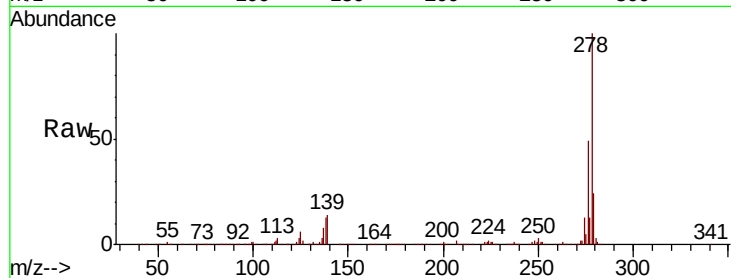
Tot Ion:278 Resp: 564496

Ion Ratio Lower Upper

278 100

139 14.1 12.4 18.6

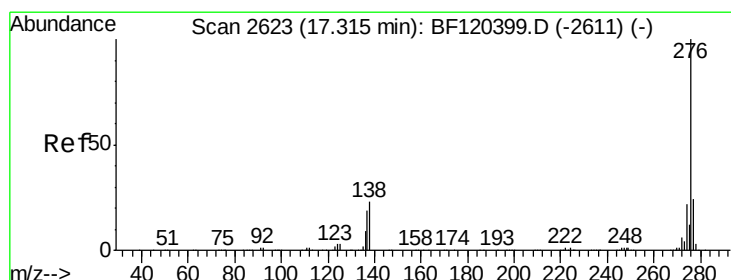
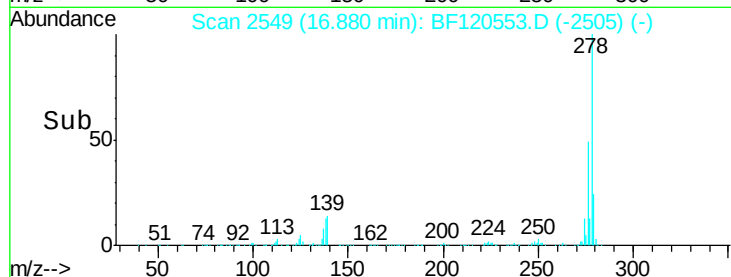
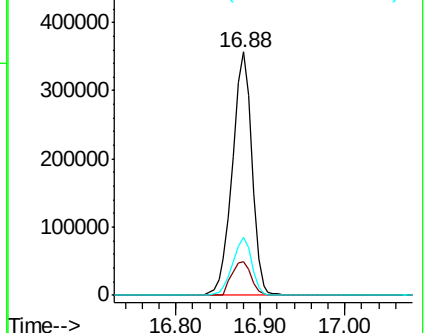
279 23.9 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.778 ng

RT: 17.30 min Scan# 2620

Delta R.T. -0.05 min

Lab File: BF120553.D

Acq: 5 Jun 2020 11:48

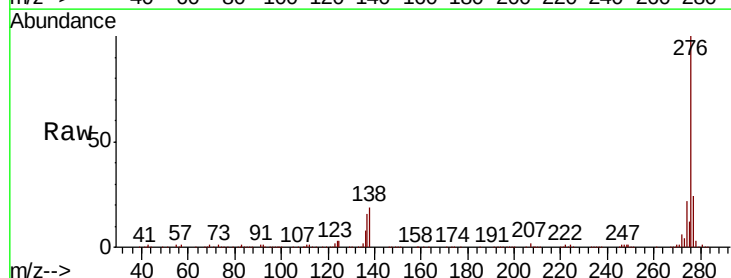
Tgt Ion:276 Resp: 557355

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 19.2 16.9 25.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

