

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120723.D
 Acq On : 26 Jun 2020 21:53
 Operator : JU/CG
 Sample : L2810-16MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Quant Time: Jun 27 00:49:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147400	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	558368	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	296342	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	574311	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	496522	20.00	ng	0.00
86) Perylene-d12	15.39	264	536572	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	326588	37.99	ng	-0.01
7) Phenol-d6	6.42	99	370620	34.61	ng	-0.02
23) Nitrobenzene-d5	7.35	82	278468	27.88	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	149207	43.31	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	604819	31.23	ng	-0.02
79) Terphenyl-d14	12.90	244	767157	34.13	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	47962	11.770	ng	98
3) Pyridine	3.28	79	49086	4.285	ng	98
4) n-Nitrosodimethylamine	3.17	42	58177	12.238	ng	# 97
6) Aniline	6.45	93	153705	11.216	ng	98
8) 2-Chlorophenol	6.57	128	145925	15.020	ng	99
9) Benzaldehyde	6.34	77	69797	10.305	ng	100
10) Phenol	6.43	94	157298	13.768	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	139230	14.631	ng	98
12) 1,3-Dichlorobenzene	6.73	146	152661	14.780	ng	99
13) 1,4-Dichlorobenzene	6.81	146	154447	15.156	ng	99
14) 1,2-Dichlorobenzene	6.96	146	148451	14.955	ng	98
15) Benzyl Alcohol	6.93	79	114570	15.087	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	198563	14.491	ng	99
17) 2-Methylphenol	7.05	107	113947	13.751	ng	99
18) Hexachloroethane	7.30	117	55783	14.856	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	98530	15.863	ng	99
20) 3+4-Methylphenols	7.20	107	140638	13.582	ng	89
22) Acetophenone	7.20	105	197824	15.847	ng	97
24) Nitrobenzene	7.37	77	150228	14.371	ng	97
25) Isophorone	7.61	82	274884	14.127	ng	97
26) 2-Nitrophenol	7.69	139	78019	14.108	ng	99
27) 2,4-Dimethylphenol	7.73	122	126243	15.504	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	177917	15.773	ng	100
29) 2,4-Dichlorophenol	7.93	162	127097	15.355	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	137308	14.969	ng	99
31) Naphthalene	8.09	128	447695	16.329	ng	100
32) Benzoic acid	7.83	122	47616	7.622	ng	98
33) 4-Chloroaniline	8.15	127	151302	12.023	ng	99
34) Hexachlorobutadiene	8.21	225	79343	14.839	ng	99
35) Caprolactam	8.49	113	28810	10.883	ng	92
36) 4-Chloro-3-methylphenol	8.63	107	127421	15.409	ng	99
37) 2-Methylnaphthalene	8.79	142	307040	17.155	ng	98
38) 1-Methylnaphthalene	8.89	142	285504	16.952	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	138415	15.643	ng	99

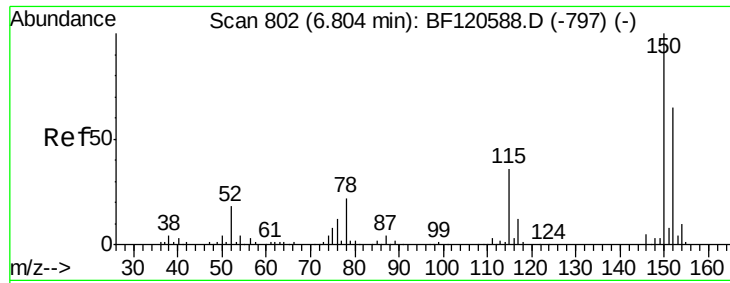
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120723.D
 Acq On : 26 Jun 2020 21:53
 Operator : JU/CG
 Sample : L2810-16MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Quant Time: Jun 27 00:49:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	125114	25.232	ng	98
43) 2,4,6-Trichlorophenol	9.06	196	90581	14.431	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	98747	13.867	ng	99
46) 1,1'-Biphenyl	9.25	154	372016	16.812	ng	96
47) 2-Chloronaphthalene	9.27	162	285117	15.757	ng	99
48) 2-Nitroaniline	9.37	65	81959	14.422	ng	97
49) Acenaphthylene	9.69	152	451373	16.163	ng	99
50) Dimethylphthalate	9.55	163	365232	17.113	ng	100
51) 2,6-Dinitrotoluene	9.61	165	73100	15.113	ng	98
52) Acenaphthene	9.86	154	272822	16.380	ng	99
53) 3-Nitroaniline	9.78	138	70981	12.218	ng	96
54) 2,4-Dinitrophenol	9.89	184	57254	22.468	ng	99
55) Dibenzofuran	10.03	168	423089	16.567	ng	98
56) 4-Nitrophenol	9.95	139	85580	19.559	ng	92
57) 2,4-Dinitrotoluene	10.02	165	97310	15.162	ng	96
58) Fluorene	10.37	166	330910	16.809	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	82342	14.697	ng	100
60) Diethylphthalate	10.25	149	333809	15.880	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	163763	16.108	ng	91
62) 4-Nitroaniline	10.39	138	79166	13.726	ng	92
63) Azobenzene	10.53	77	308073	16.146	ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	47502	13.784	ng	89
66) n-Nitrosodiphenylamine	10.49	169	290512	16.472	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	100731	15.454	ng	99
68) Hexachlorobenzene	10.92	284	112718	16.085	ng	97
69) Atrazine	11.01	200	82404	15.099	ng	99
70) Pentachlorophenol	11.12	266	89273	22.914	ng	98
71) Phenanthrene	11.33	178	487375	17.072	ng	99
72) Anthracene	11.39	178	501404	17.424	ng	98
73) Carbazole	11.54	167	459986	16.148	ng	99
74) Di-n-butylphthalate	11.87	149	548281	17.120	ng	99
75) Fluoranthene	12.52	202	545279	16.705	ng	99
77) Benzidine	12.64	184	140669	8.377	ng	99
78) Pyrene	12.75	202	553528	15.737	ng	99
80) Butylbenzylphthalate	13.37	149	238253	15.254	ng	91
81) Benzo(a)anthracene	13.94	228	492386	16.506	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	164013	14.394	ng	98
83) Chrysene	13.98	228	493936	16.142	ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	337334	17.697	ng	100
85) Di-n-octyl phthalate	14.54	149	596220	16.389	ng	99
87) Indeno(1,2,3-cd)pyrene	16.82	276	574345	17.597	ng	99
88) Benzo(b)fluoranthene	14.97	252	526048	16.458	ng	99
89) Benzo(k)fluoranthene	15.00	252	472921	16.721	ng	99
90) Benzo(a)pyrene	15.33	252	456051	15.943	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	474876	18.144	ng	99
92) Benzo(g,h,i)perylene	17.24	276	471738	17.881	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

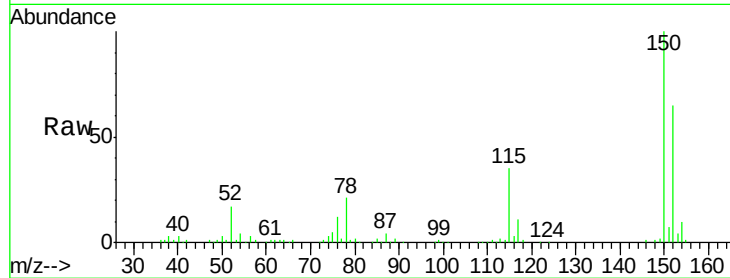
Tot Ion:152 Resp: 147400

Ion Ratio Lower Upper

152 100

150 154.4 123.2 184.8

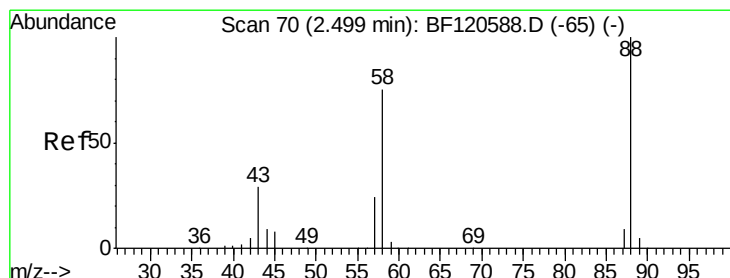
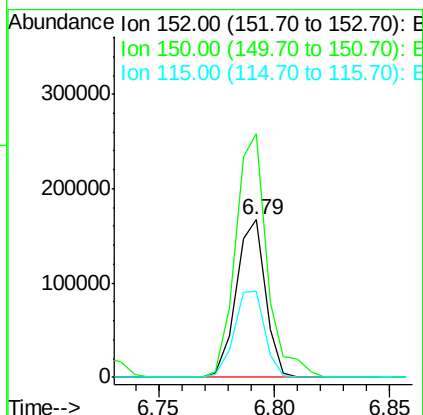
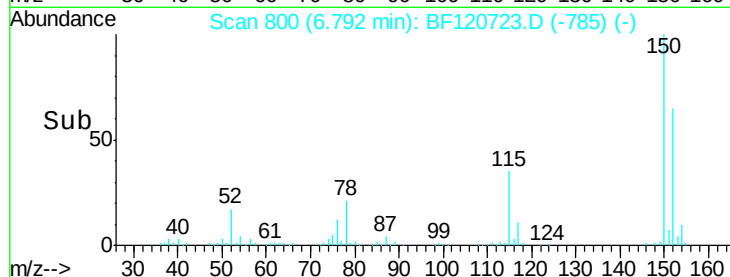
115 54.7 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 11.770 ng

RT: 2.50 min Scan# 71

Delta R.T. 0.00 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

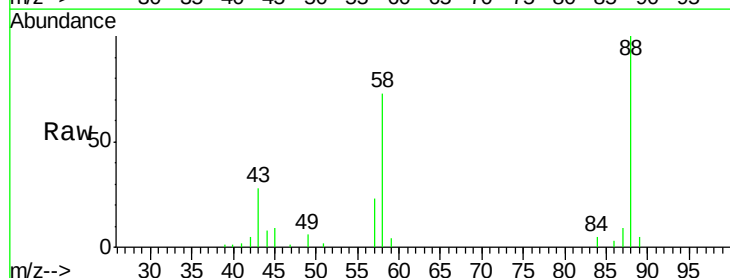
Tgt Ion: 88 Resp: 47962

Ion Ratio Lower Upper

88 100

58 72.7 59.6 89.4

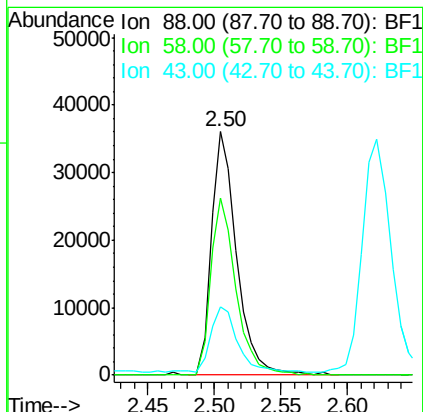
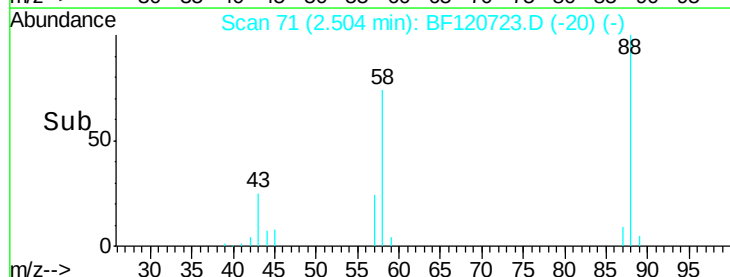
43 29.5 23.1 34.7

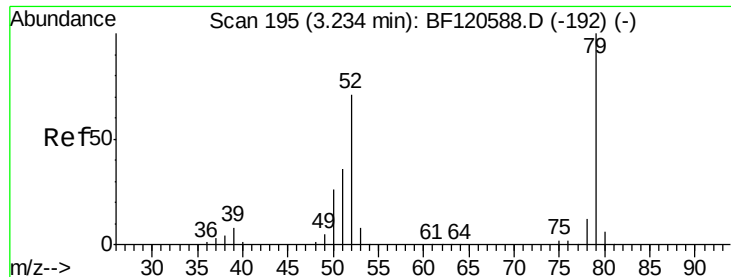


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 4.285 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.04 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

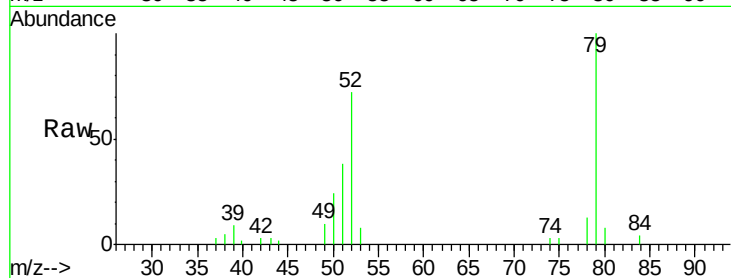
Tot Ion: 79 Resp: 49086

Ion Ratio Lower Upper

79 100

52 72.3 57.0 85.6

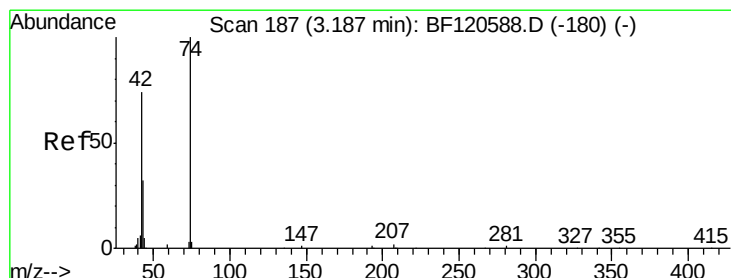
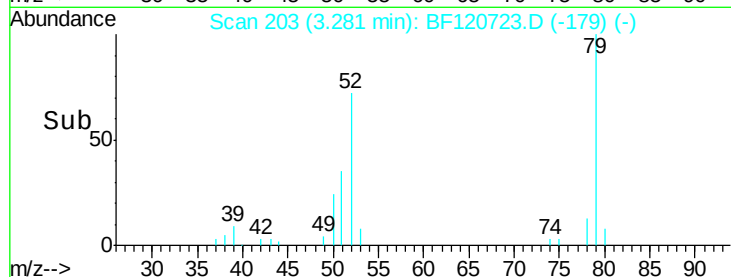
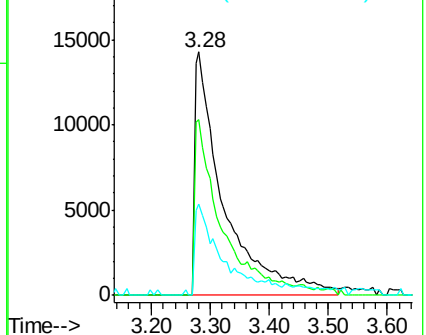
51 37.7 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 12.238 ng

RT: 3.17 min Scan# 184

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

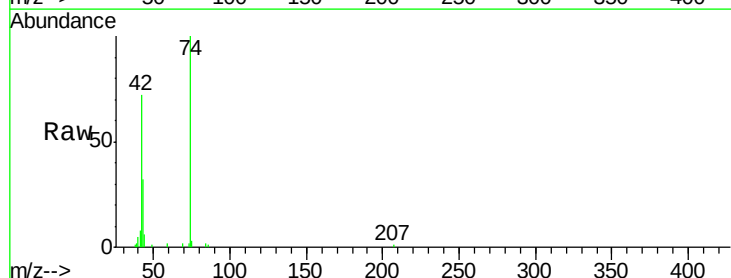
Tgt Ion: 42 Resp: 58177

Ion Ratio Lower Upper

42 100

74 138.3 107.8 161.6

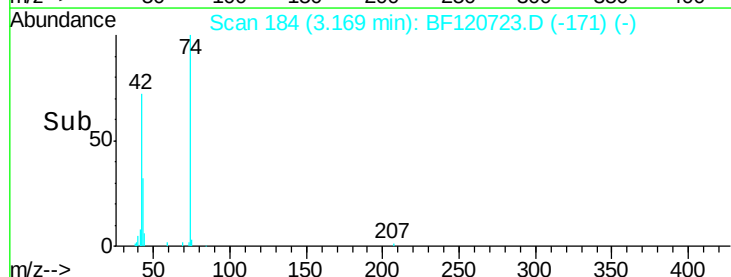
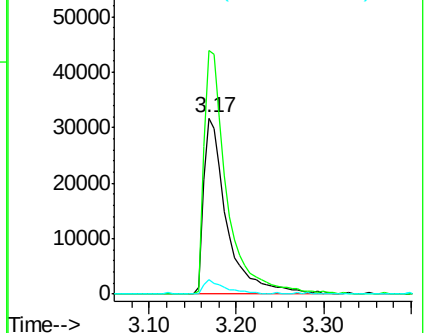
44 8.0 5.1 7.7#

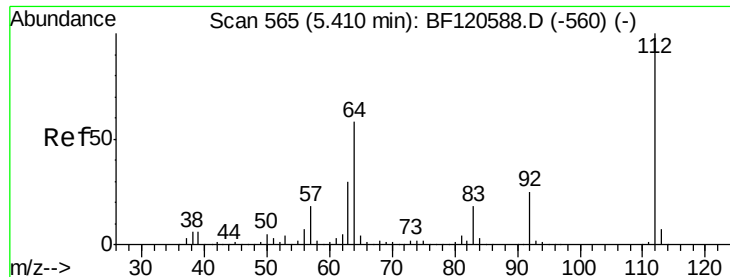


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 37.986 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

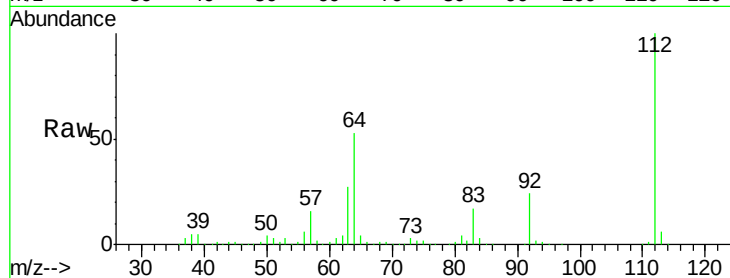
Tot Ion: 112 Resp: 326588

Ion Ratio Lower Upper

112 100

64 53.1 46.1 69.1

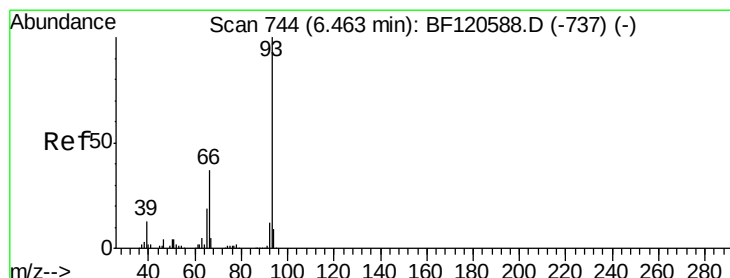
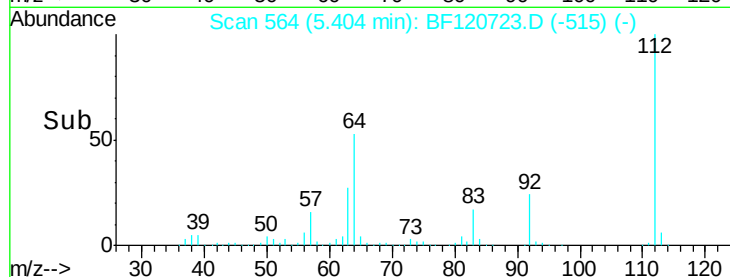
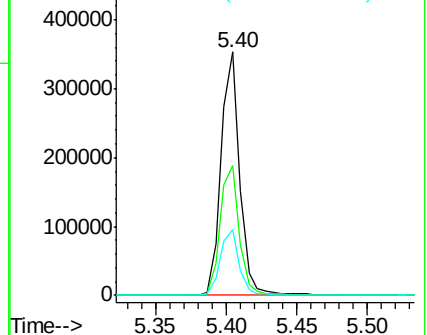
63 26.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.216 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

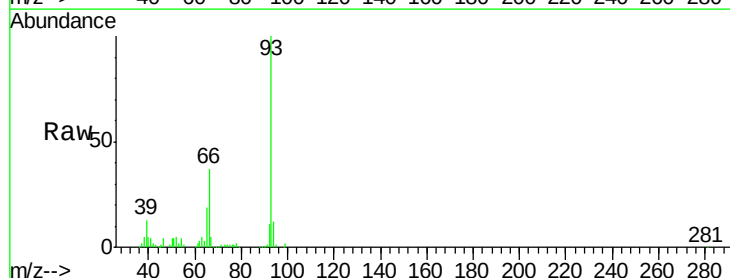
Tgt Ion: 93 Resp: 153705

Ion Ratio Lower Upper

93 100

66 37.4 30.9 46.3

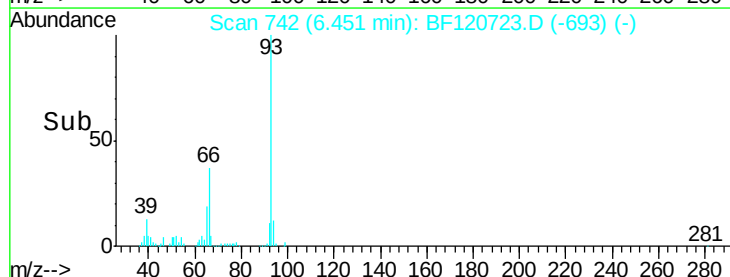
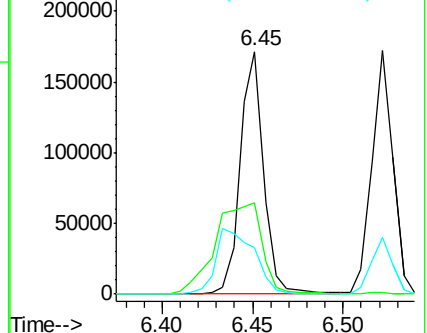
65 19.4 15.9 23.9

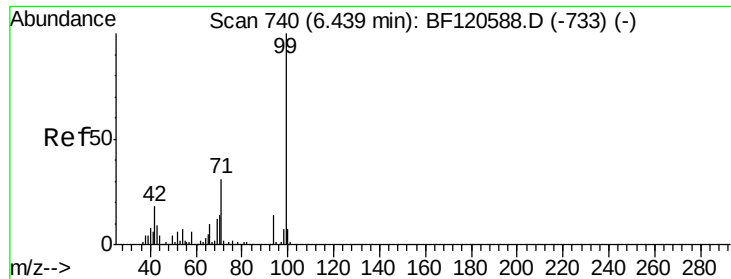


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 34.611 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

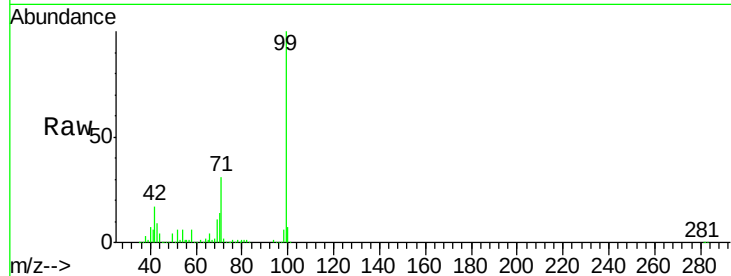
Tot Ion: 99 Resp: 370620

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

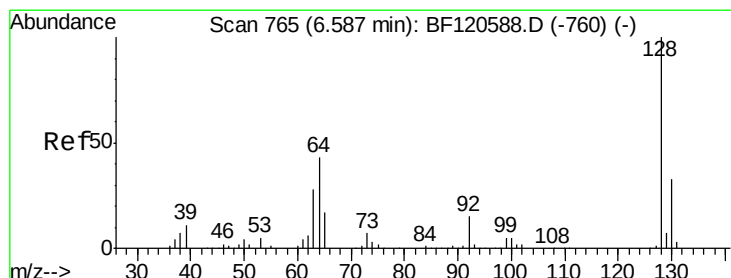
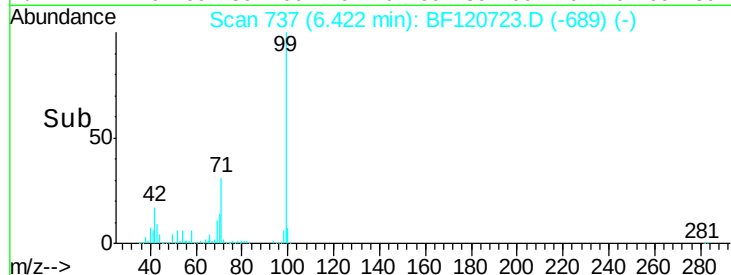
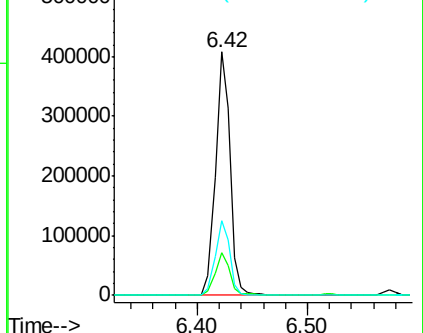
71 30.8 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 15.020 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

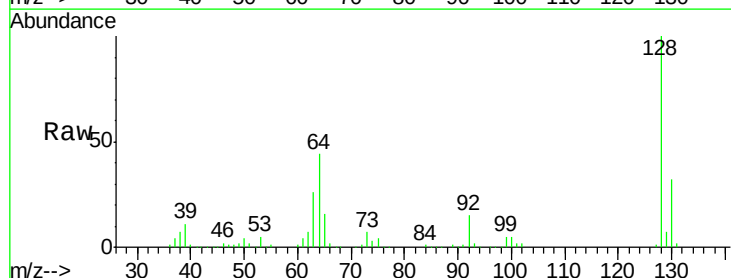
Tgt Ion: 128 Resp: 145925

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

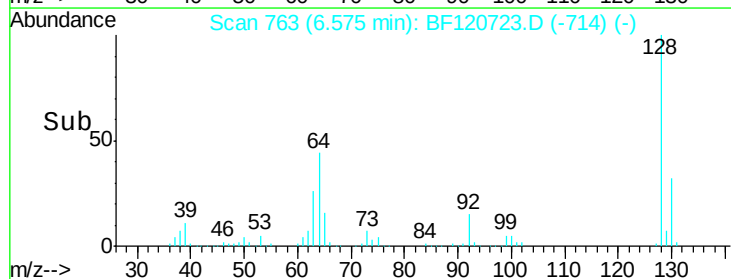
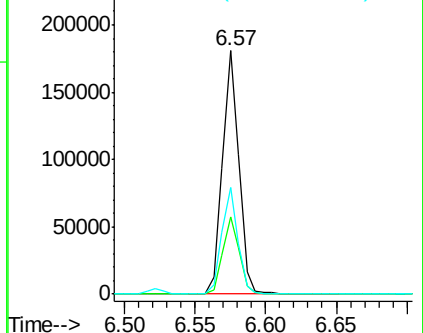
64 43.9 24.3 64.3

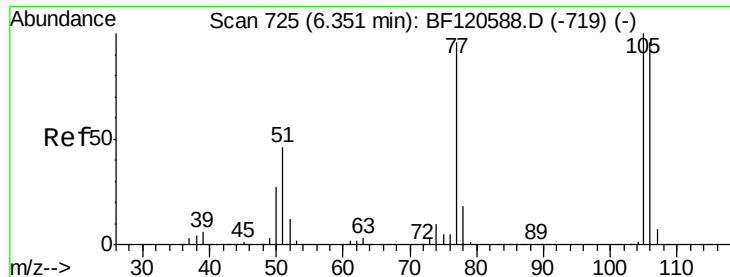


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

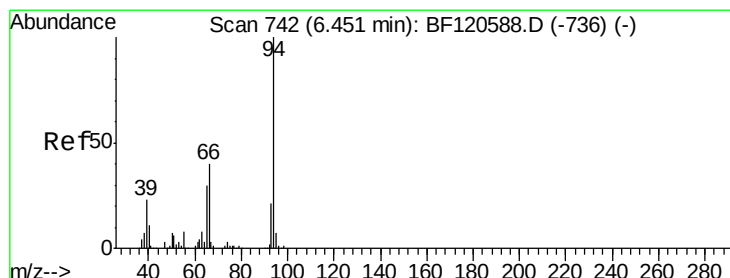
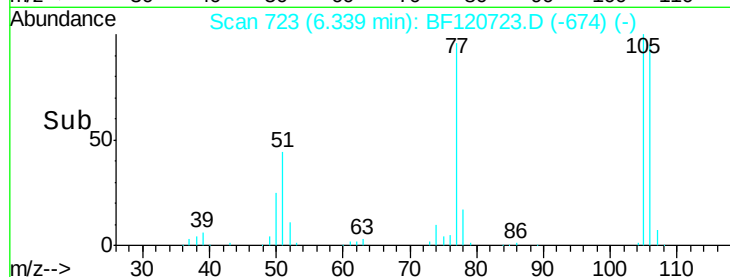
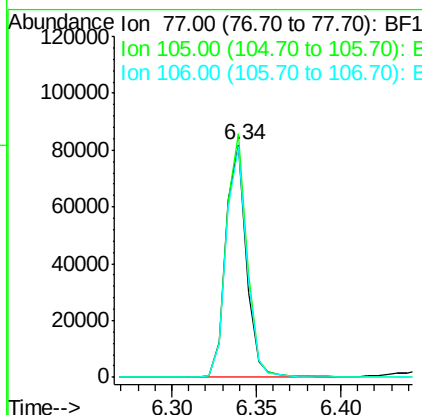
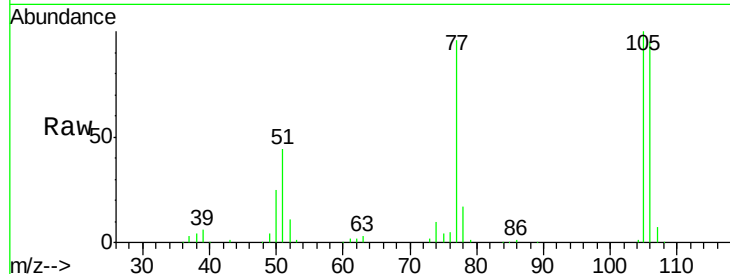




#9
Benzaldehyde
Concen: 10.305 ng
RT: 6.34 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

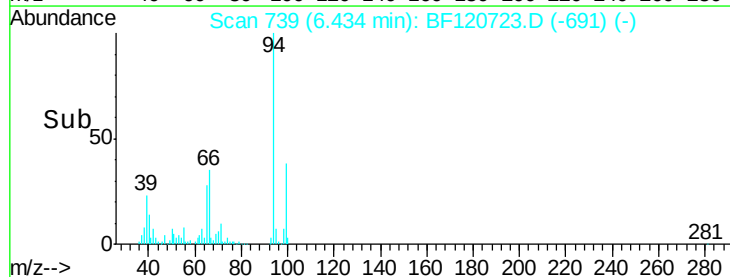
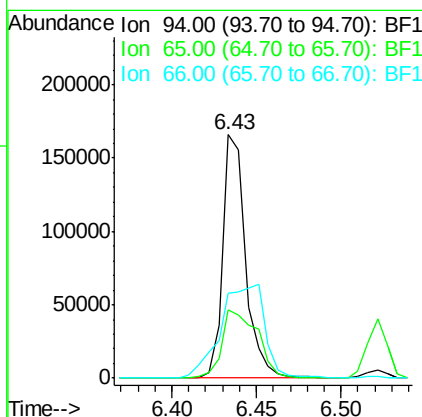
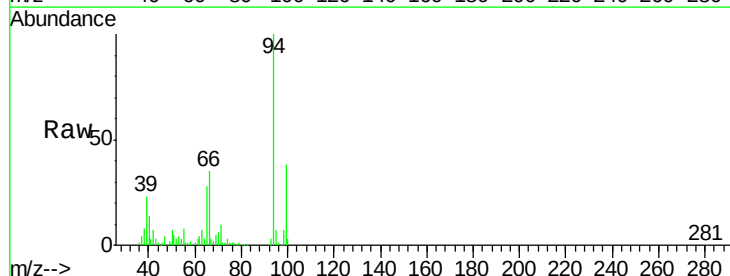
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

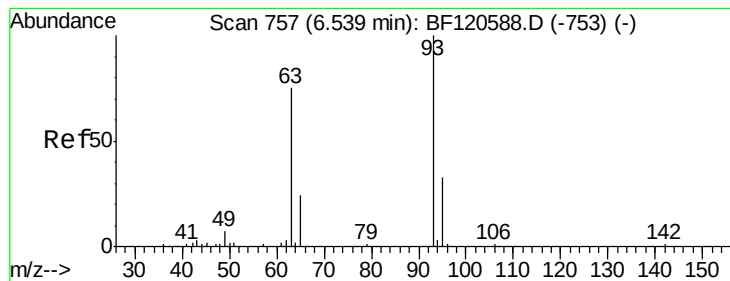
Tot Ion: 77 Resp: 69797
Ion Ratio Lower Upper
77 100
105 104.7 83.8 123.8
106 99.3 79.3 119.3



#10
Phenol
Concen: 13.768 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion: 94 Resp: 157298
Ion Ratio Lower Upper
94 100
65 27.9 9.9 49.9
66 34.7 20.1 60.1





#11

bis(2-Chloroethyl)ether

Concen: 14.631 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

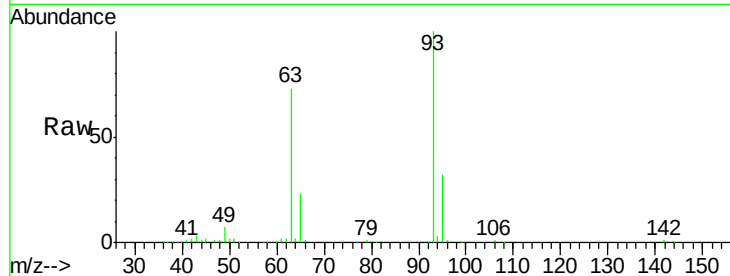
Tot Ion: 93 Resp: 139230

Ion Ratio Lower Upper

93 100

63 72.7 54.4 94.4

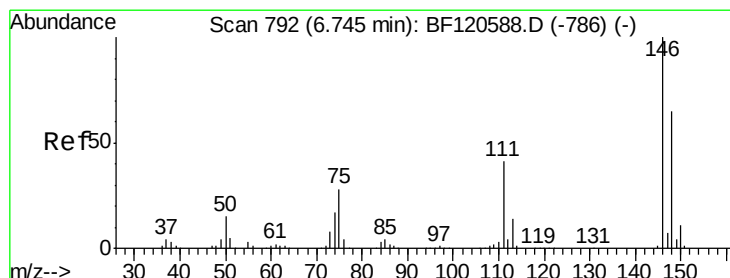
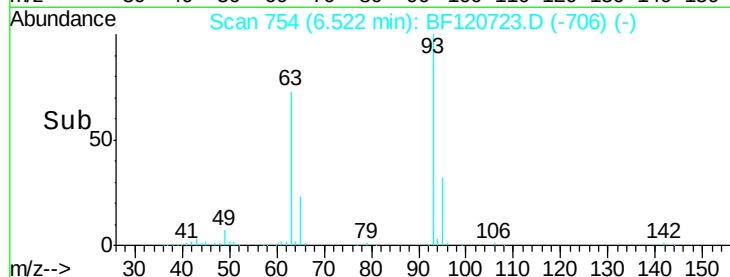
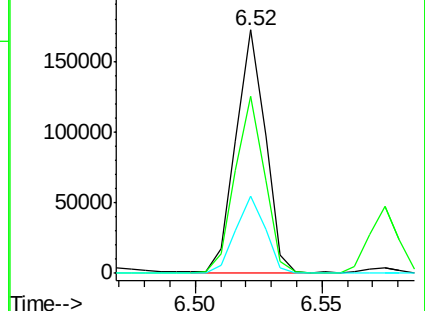
95 31.9 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 14.780 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

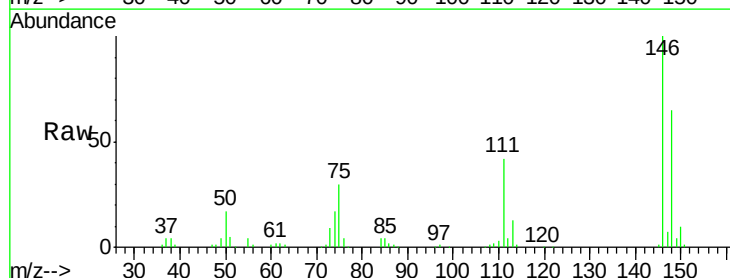
Tgt Ion: 146 Resp: 152661

Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

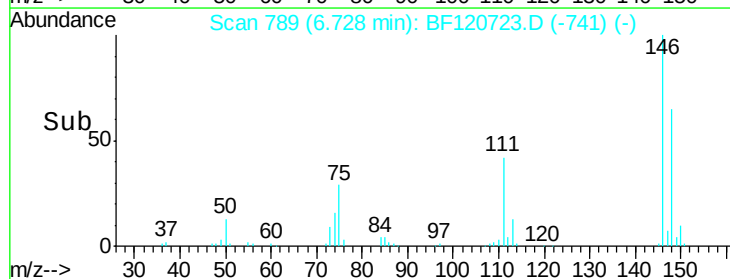
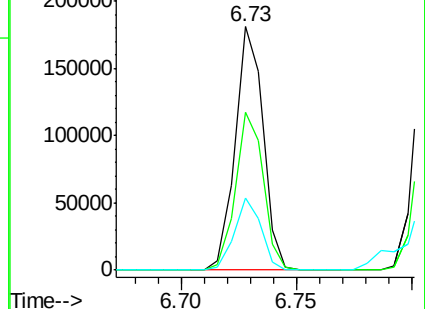
75 29.7 22.2 33.4

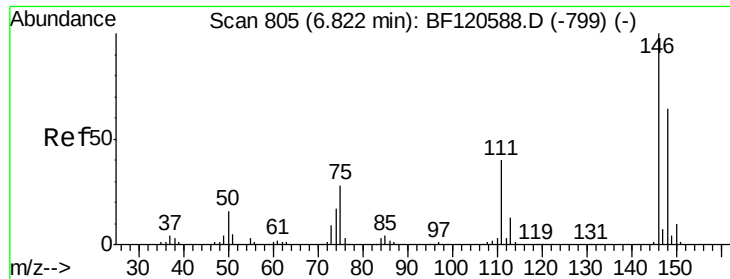


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

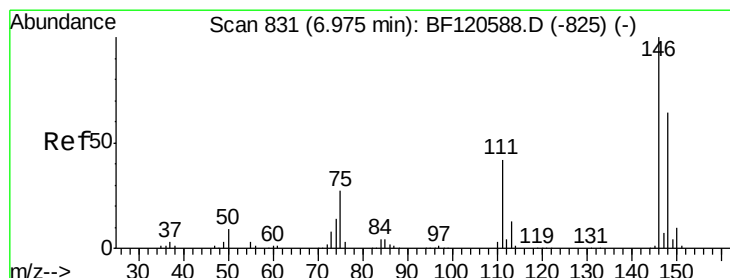
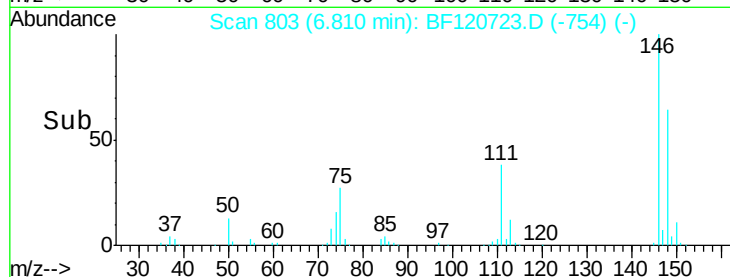
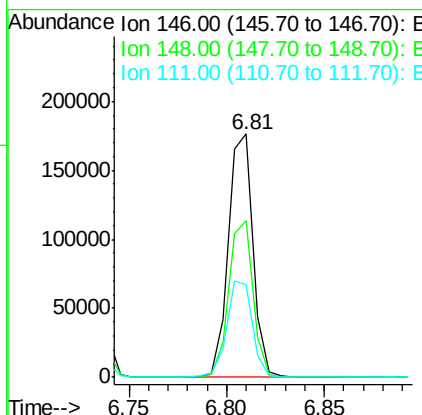
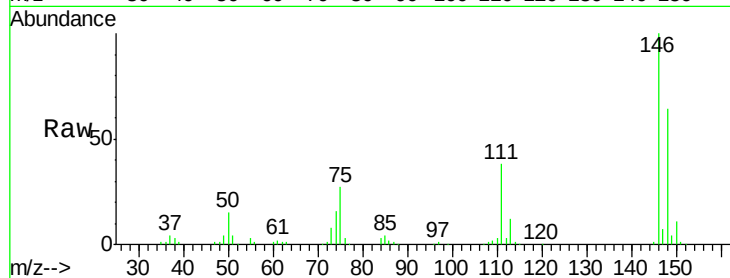




#13
 1,4-Dichlorobenzene
 Concen: 15.156 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

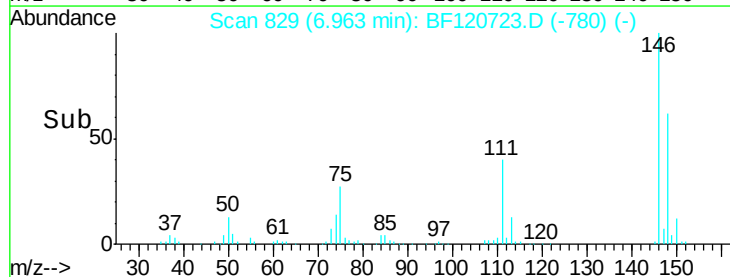
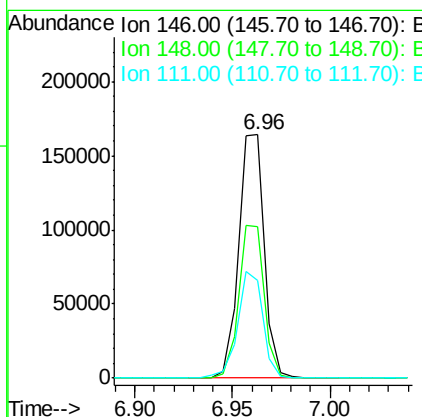
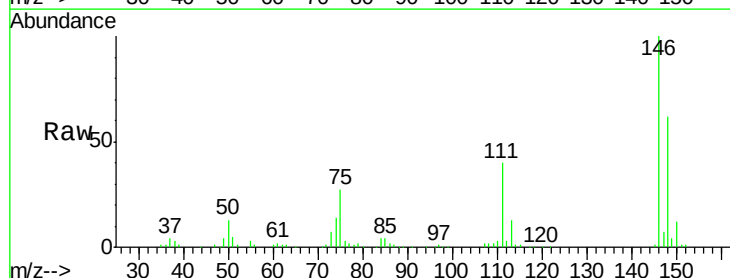
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

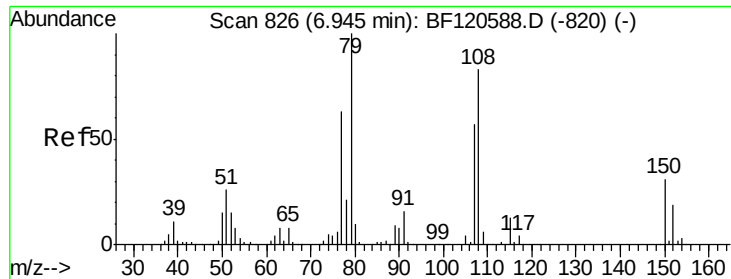
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.5	77.3
111	38.2	32.2	48.4



#14
 1,2-Dichlorobenzene
 Concen: 14.955 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.8	76.2
111	40.3	33.6	50.4

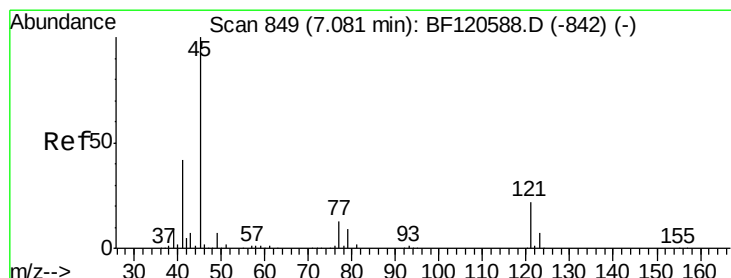
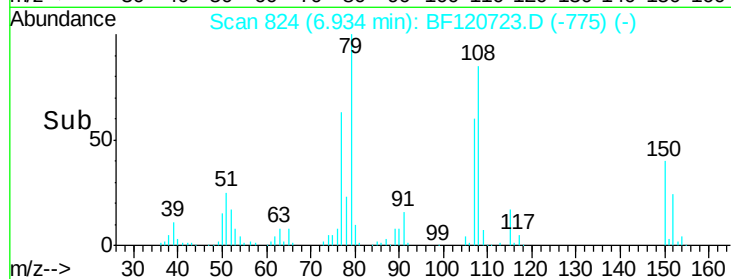
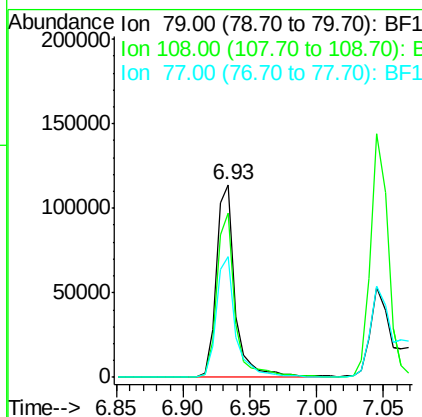
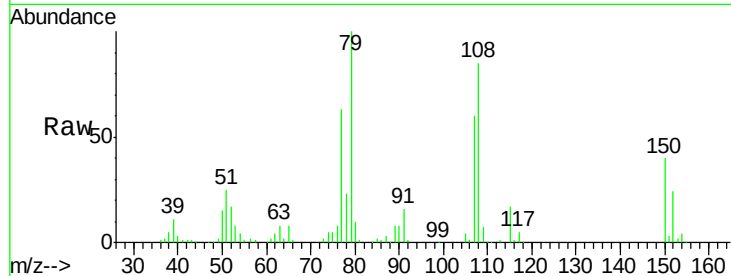




#15
Benzyl Alcohol
Concen: 15.087 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

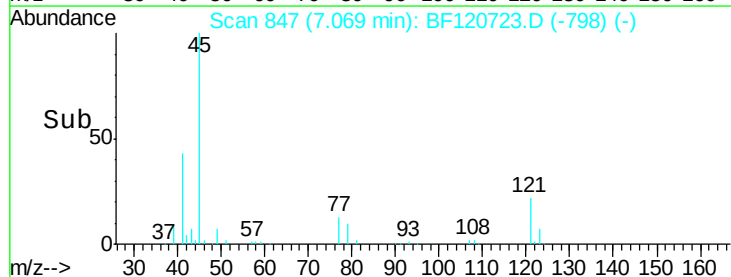
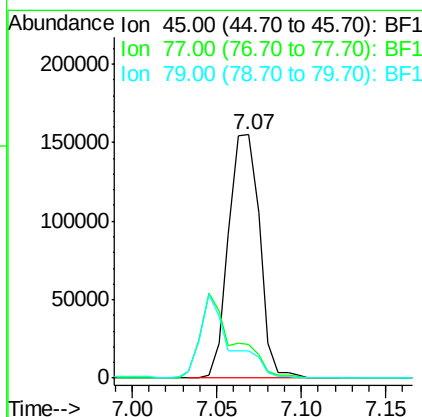
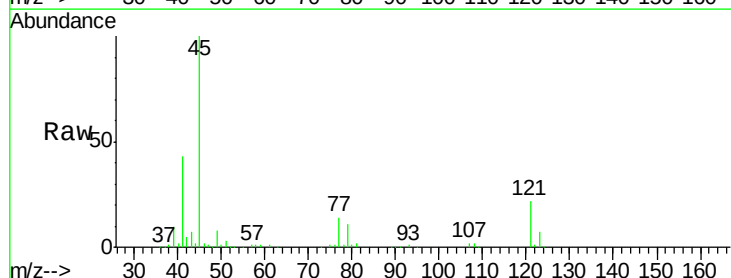
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

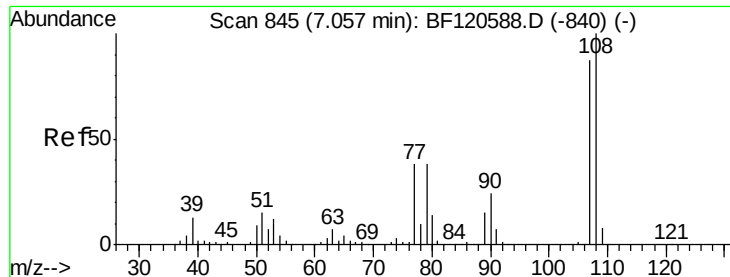
Tot Ion: 79 Resp: 114570
Ion Ratio Lower Upper
79 100
108 85.4 66.8 100.2
77 62.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.491 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion: 45 Resp: 198563
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.2
79 11.4 0.0 30.9

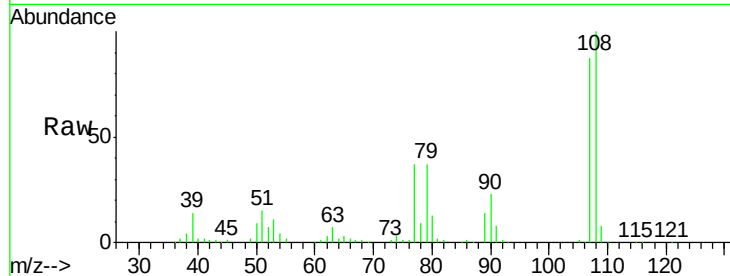




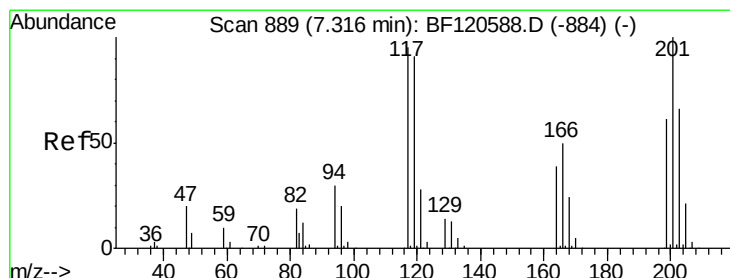
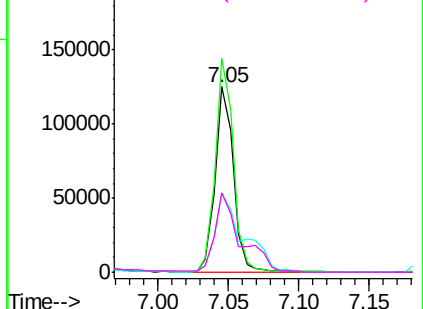
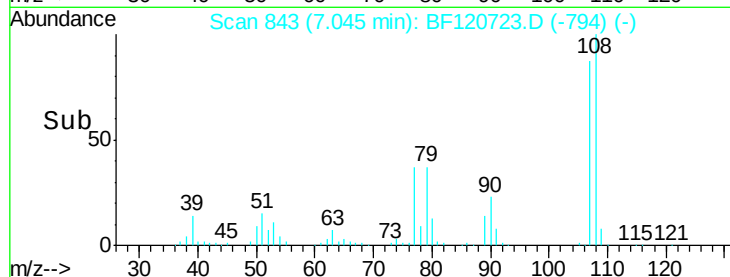
#17
2-Methylphenol
Concen: 13.751 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.9	137.9
77	43.1	35.4	53.2
79	42.7	34.8	52.2

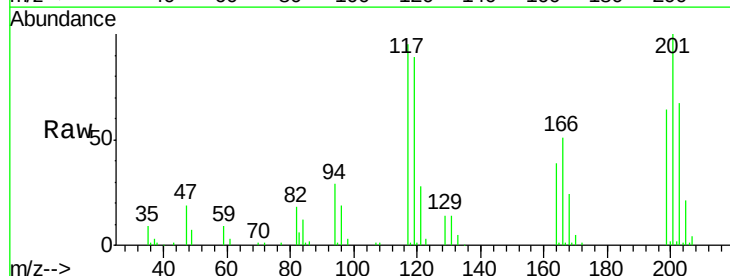


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

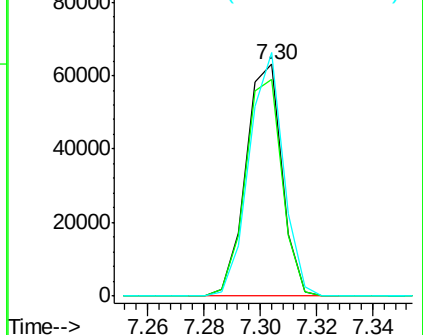
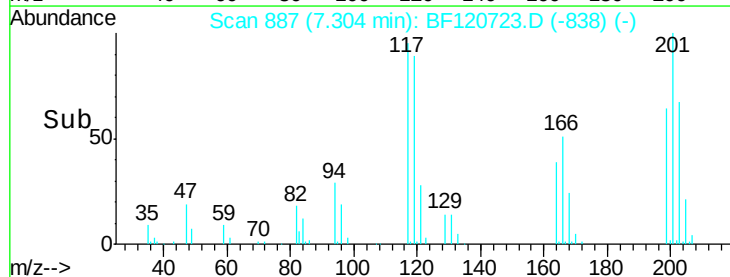


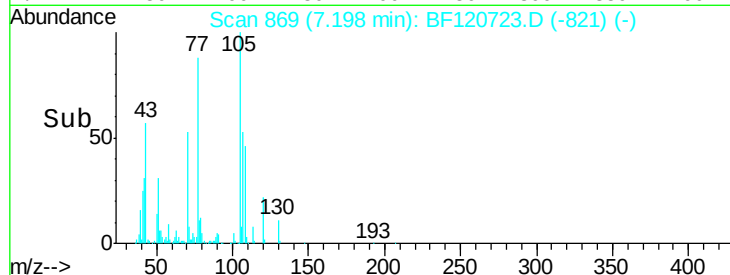
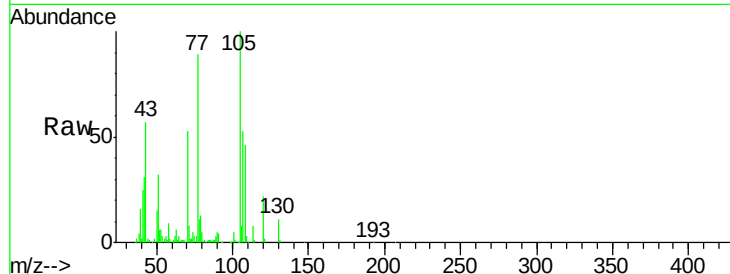
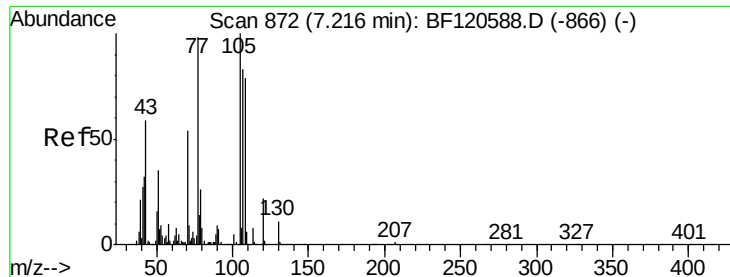
#18
Hexachloroethane
Concen: 14.856 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.9	115.3
201	105.0	84.6	127.0



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

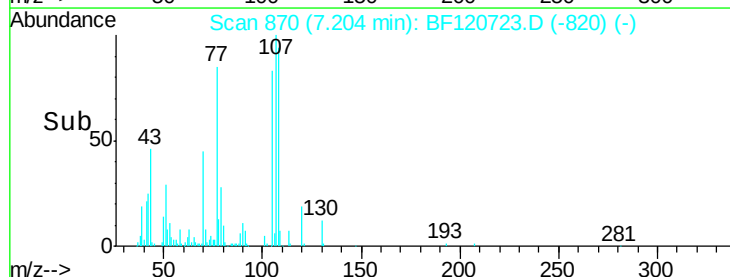
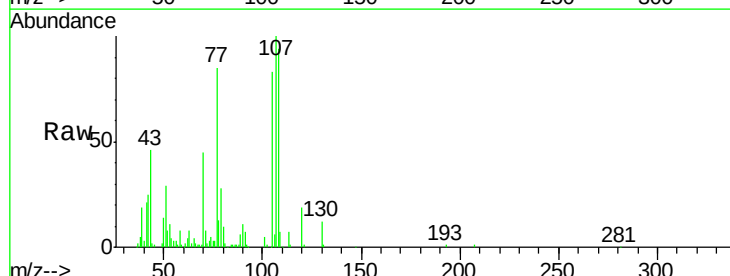
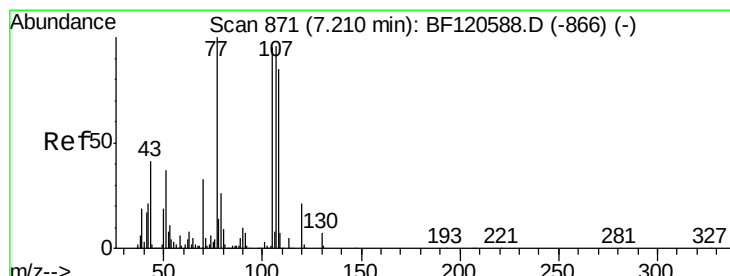
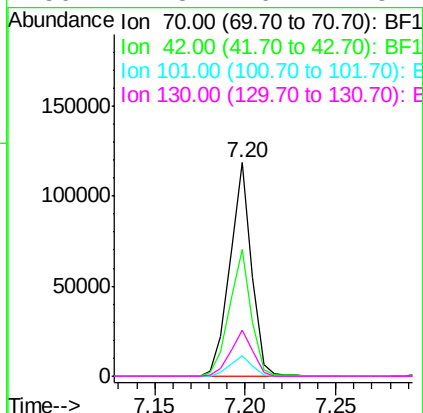




#19
n-Nitroso-di-n-propylamine
Concen: 15.863 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

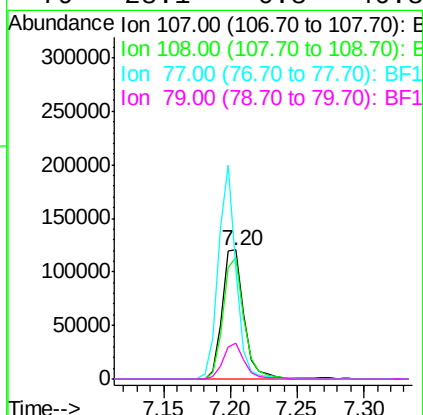
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

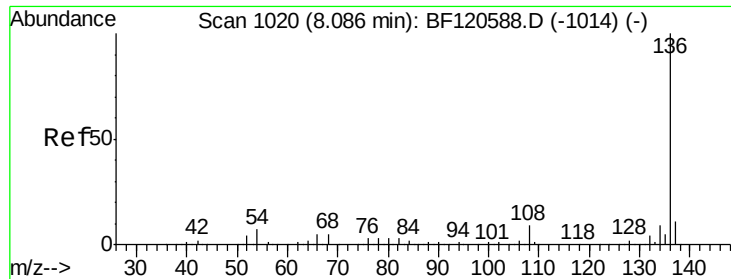
Tot Ion:	70	Resp:	98530
Ion	Ratio	Lower	Upper
70	100		
42	59.1	47.7	71.5
101	9.8	7.6	11.4
130	21.8	16.7	25.1



#20
3+4-Methylphenols
Concen: 13.582 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:	107	Resp:	140638
Ion	Ratio	Lower	Upper
107	100		
108	94.0	68.7	108.7
77	85.4	84.2	124.2
79	28.1	6.8	46.8

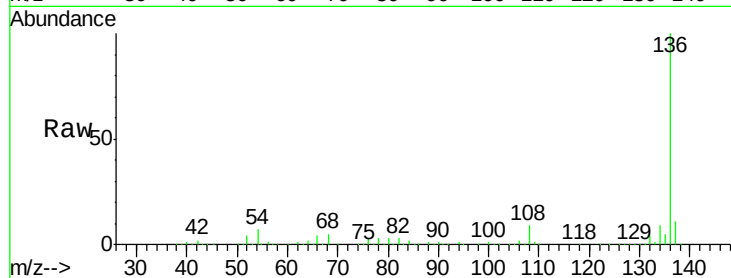




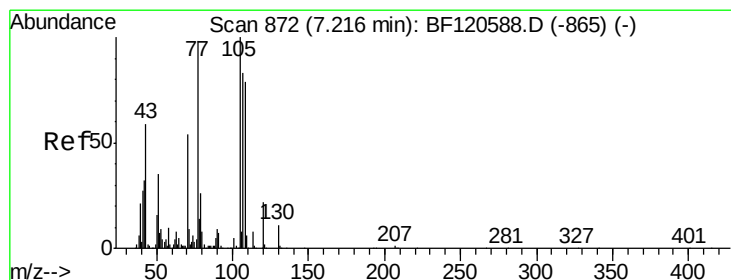
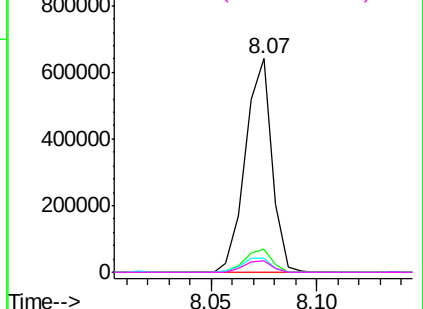
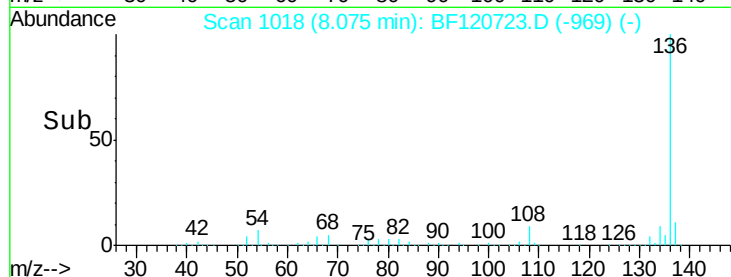
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion:136	Resp: 558368
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 6.9	5.8 8.6
68 5.1	4.4 6.6

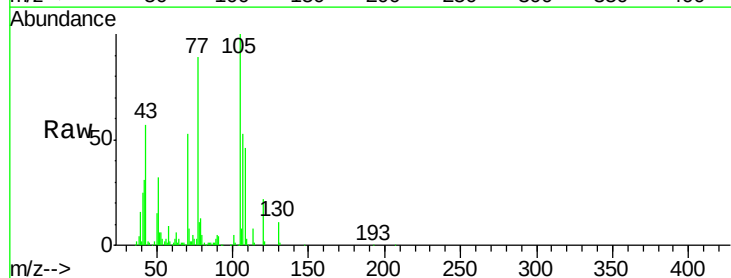


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

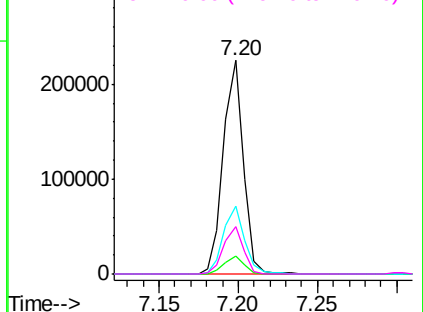
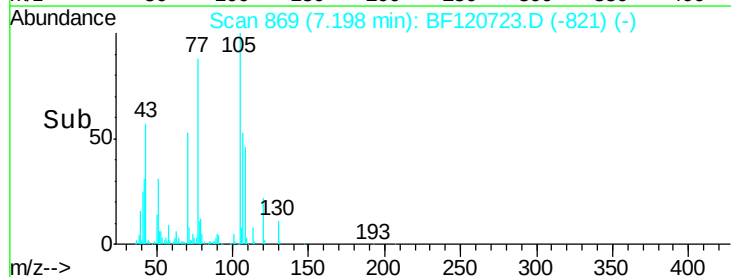


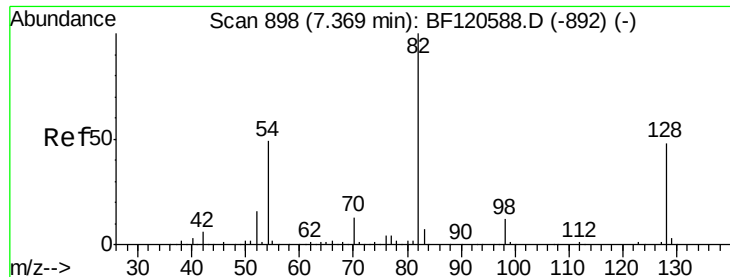
#22
Acetophenone
Concen: 15.847 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt	Ion:105	Resp:	197824
Ion	Ratio	Lower	Upper
105	100		
71	8.4	7.2	10.8
51	31.8	27.8	41.8
120	22.0	18.0	27.0



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

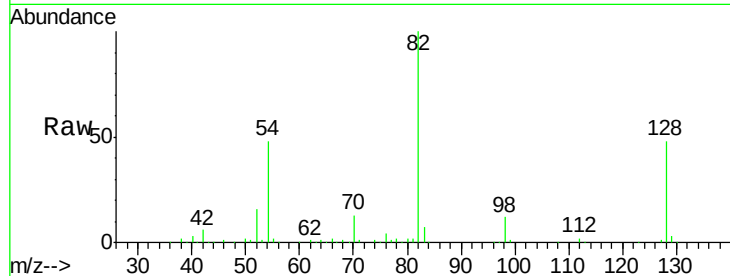




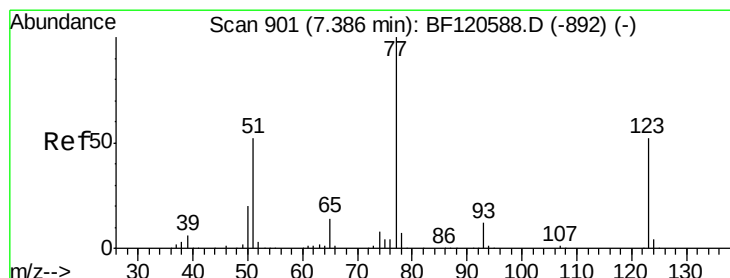
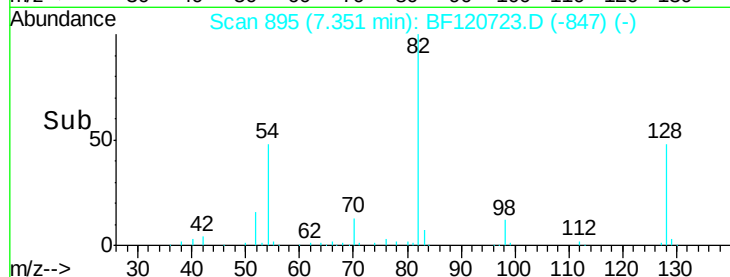
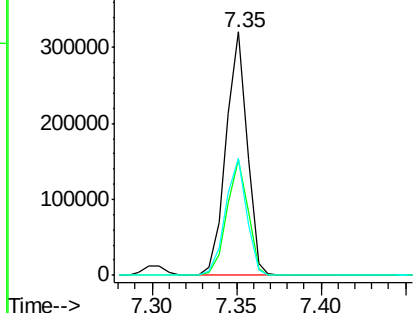
#23
Nitrobenzene-d5
Concen: 27.877 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion: 82 Resp: 278468
Ion Ratio Lower Upper
82 100
128 47.7 38.0 57.0
54 47.8 38.8 58.2

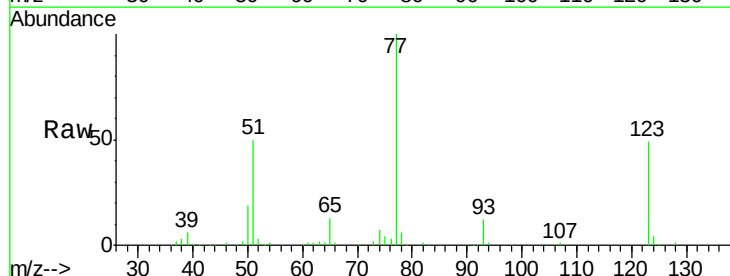


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

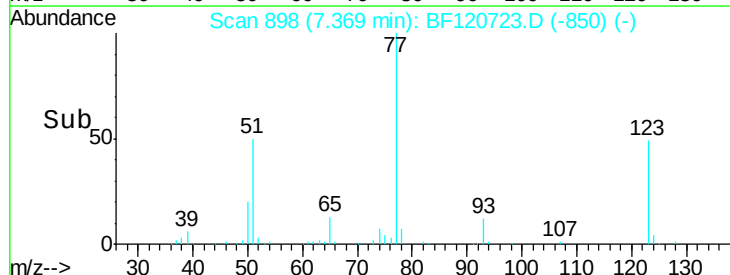
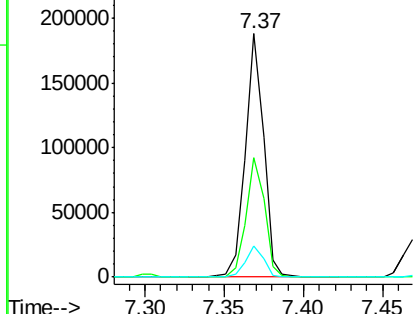


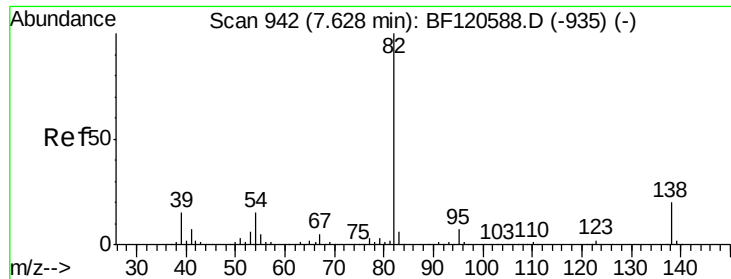
#24
Nitrobenzene
Concen: 14.371 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion: 77 Resp: 150228
Ion Ratio Lower Upper
77 100
123 49.2 41.4 62.0
65 13.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 14.127 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

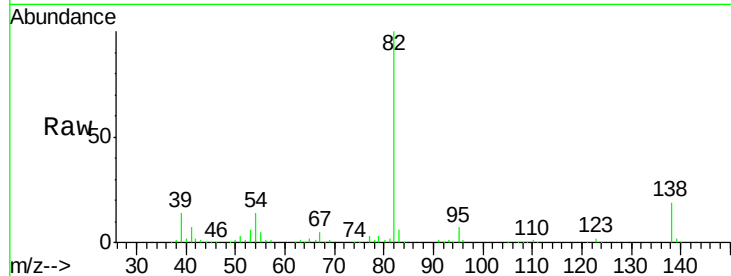
Tot Ion: 82 Resp: 274884

Ion Ratio Lower Upper

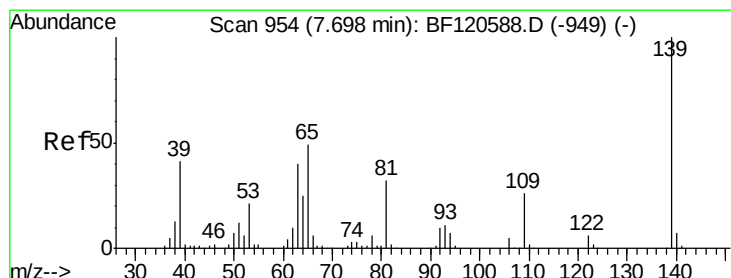
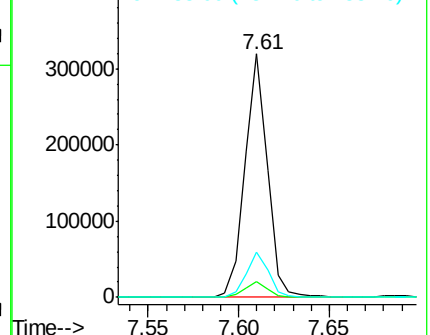
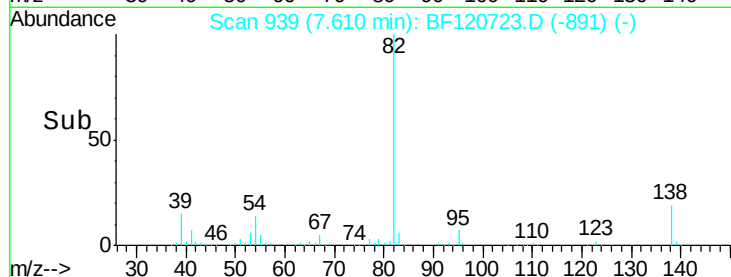
82 100

95 6.6 5.7 8.5

138 18.8 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 14.108 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

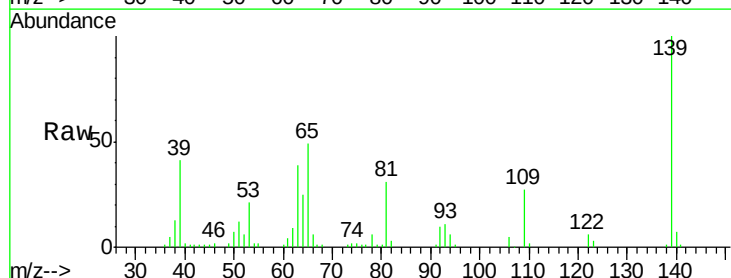
Tgt Ion: 139 Resp: 78019

Ion Ratio Lower Upper

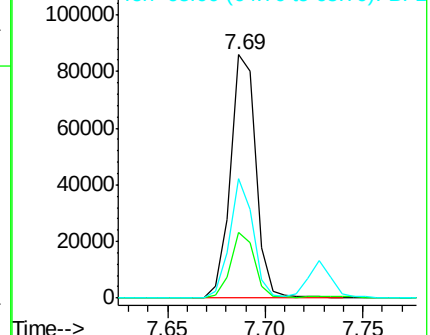
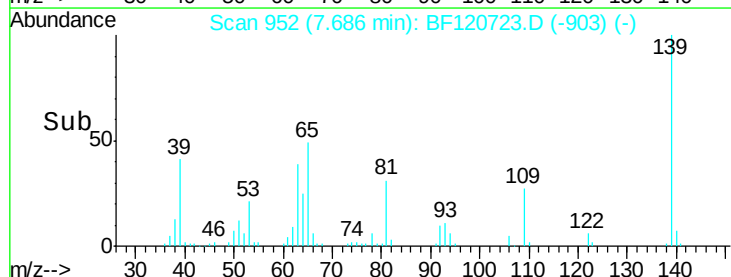
139 100

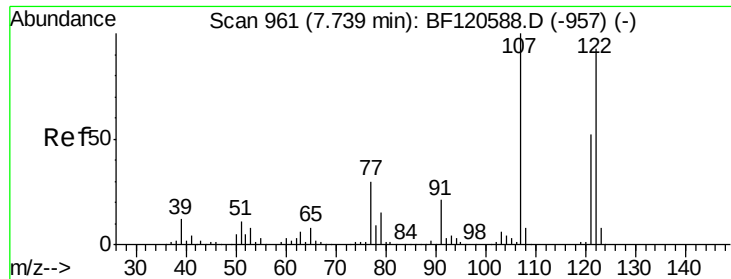
109 27.1 21.1 31.7

65 49.2 39.4 59.0



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

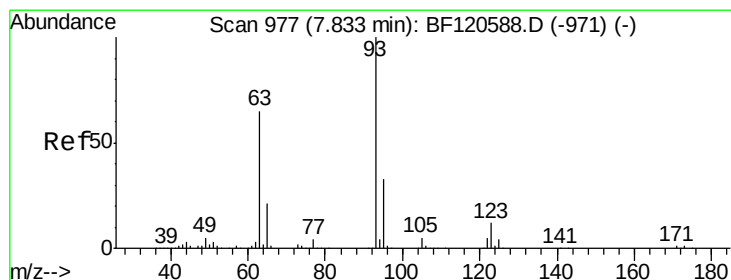
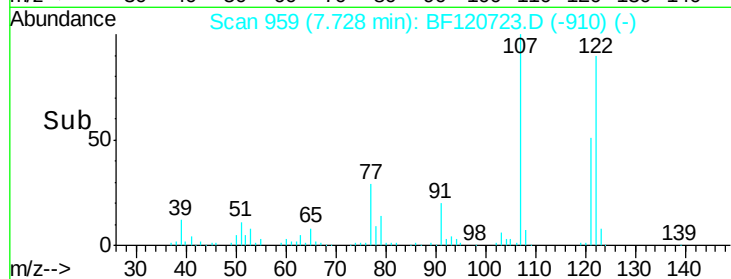
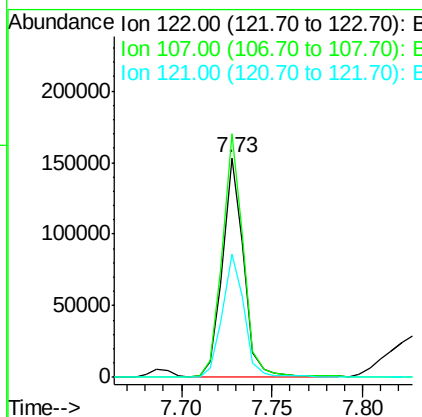
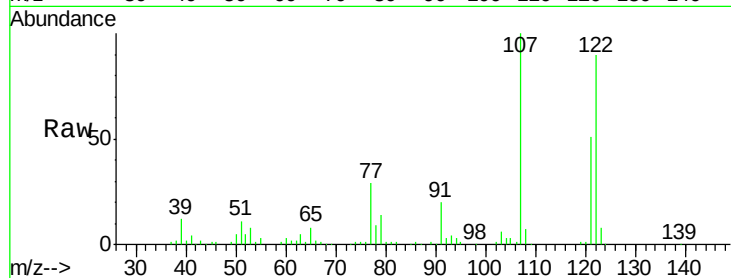




#27
2,4-Dimethylphenol
Concen: 15.504 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

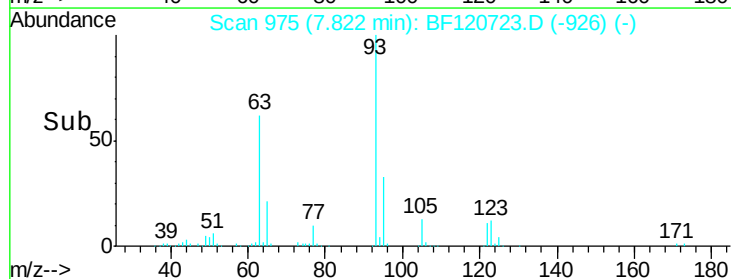
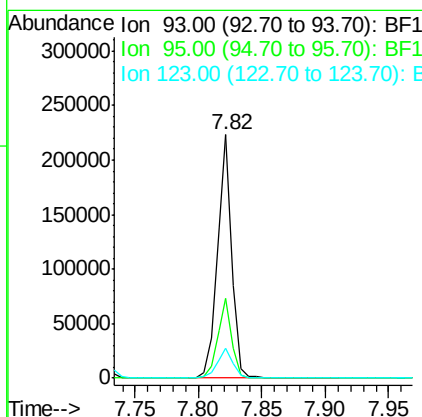
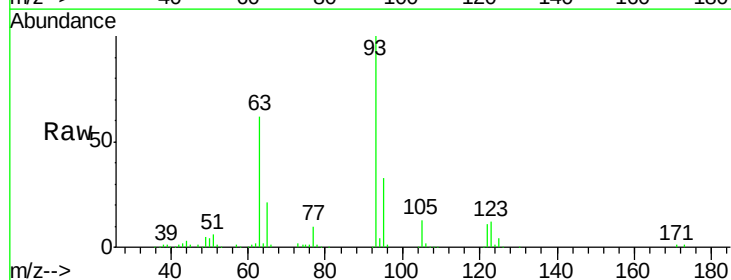
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

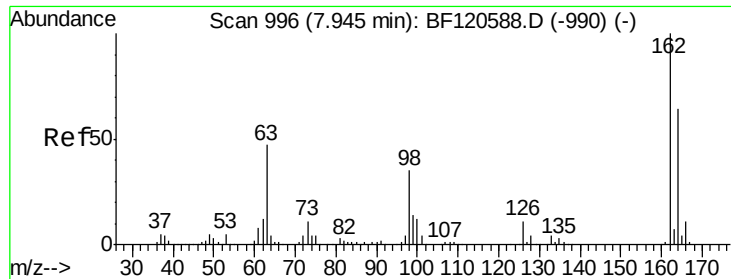
Tot Ion:122 Resp: 126243
Ion Ratio Lower Upper
122 100
107 111.0 86.4 129.6
121 56.5 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 15.773 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion: 93 Resp: 177917
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.0 9.5 14.3

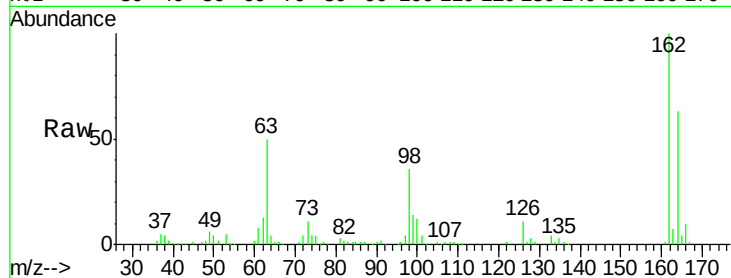




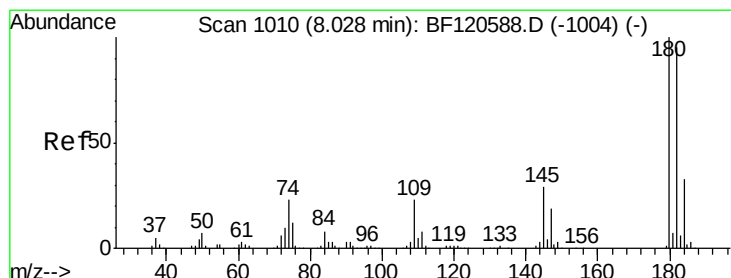
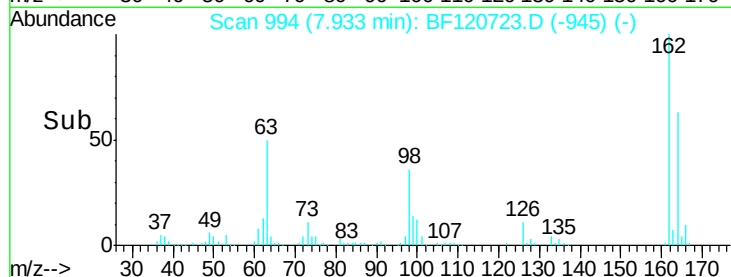
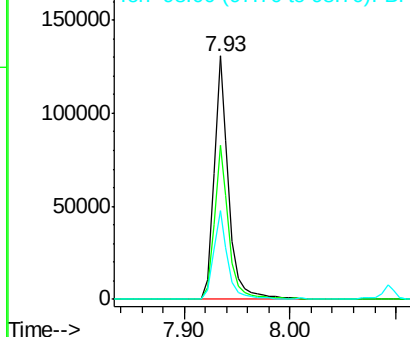
#29
2,4-Dichlorophenol
Concen: 15.355 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	44.1	84.1
98	36.3	14.7	54.7

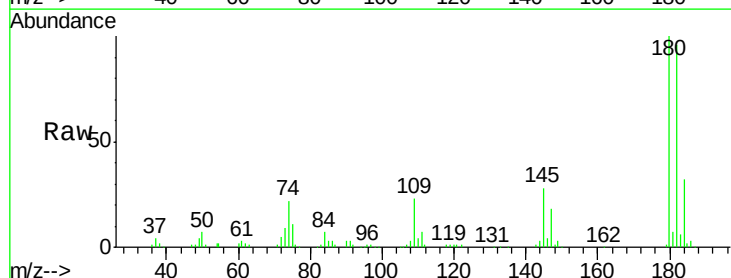


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

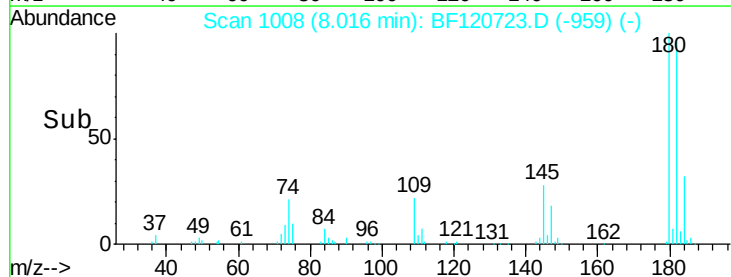
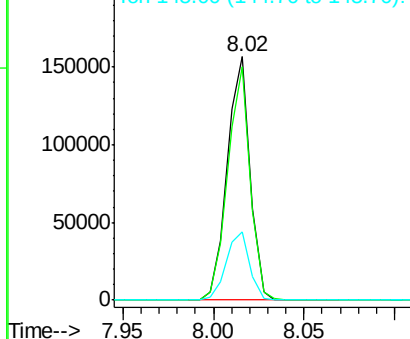


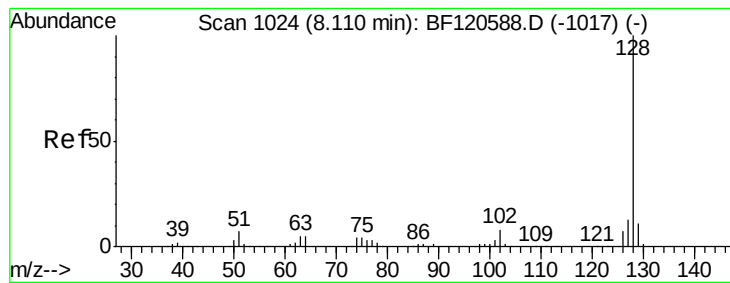
#30
1,2,4-Trichlorobenzene
Concen: 14.969 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	28.1	23.0	34.6



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





#31

Naphthalene

Concen: 16.329 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

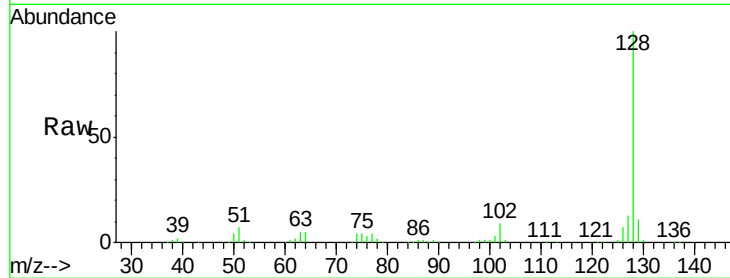
Tot Ion:128 Resp: 447695

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

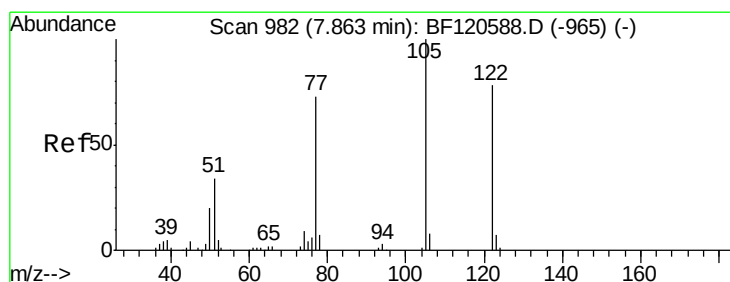
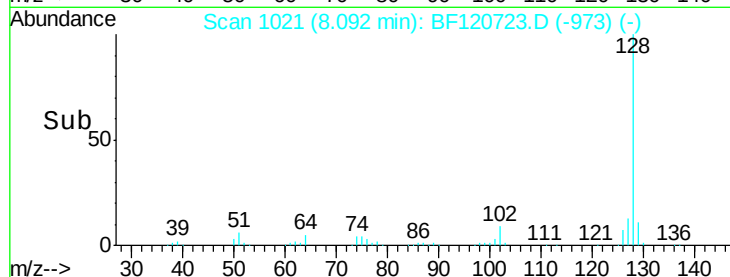
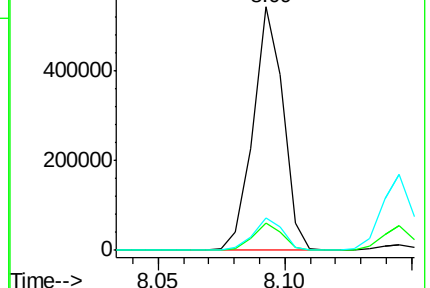
127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.622 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.04 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

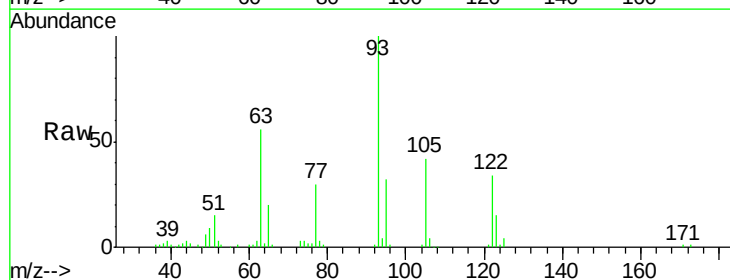
Tgt Ion:122 Resp: 47616

Ion Ratio Lower Upper

122 100

105 121.3 101.0 141.0

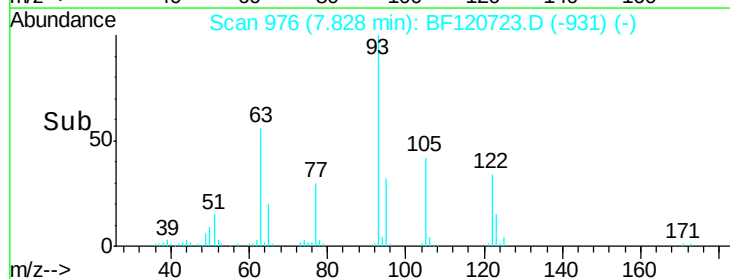
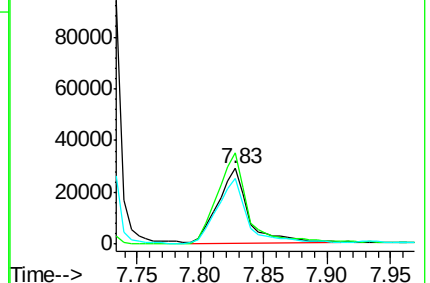
77 86.5 69.8 109.8

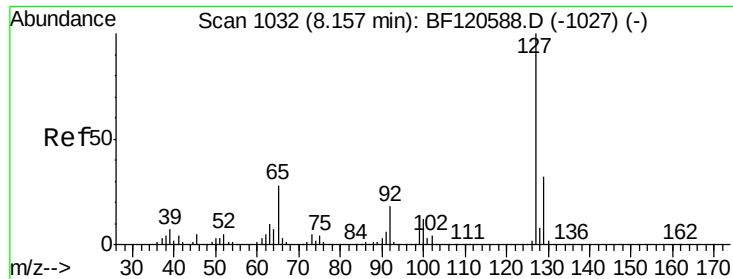


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

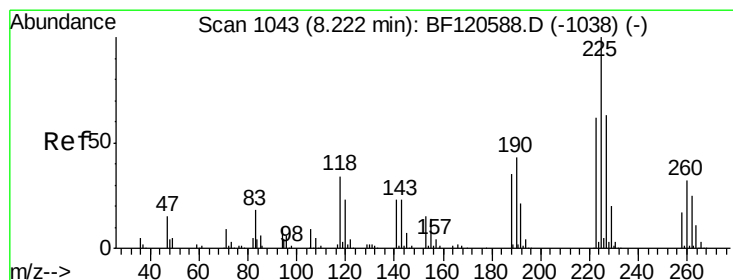
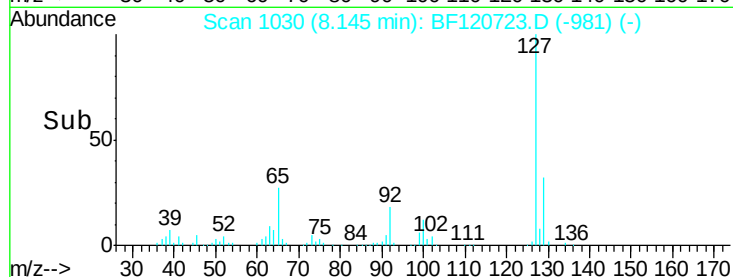
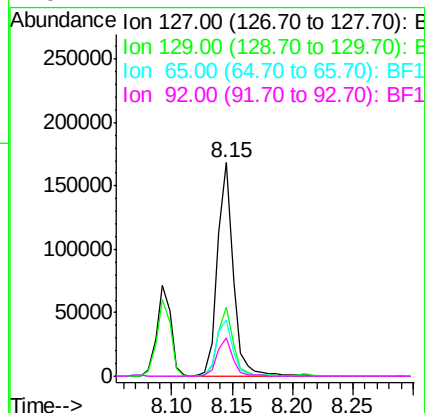
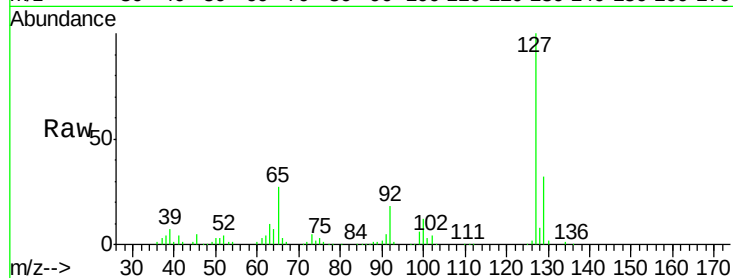




#33
4-Chloroaniline
Concen: 12.023 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

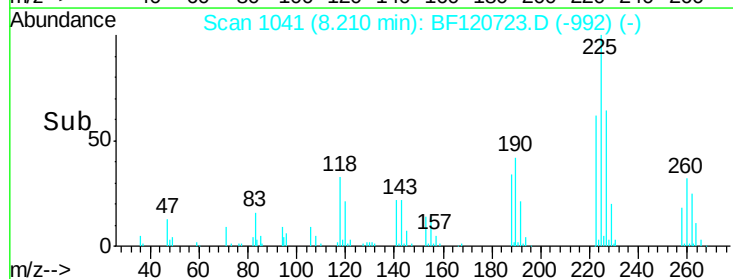
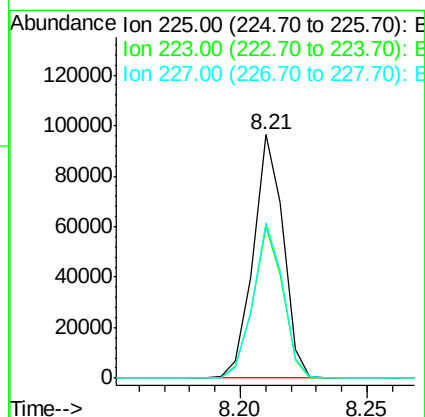
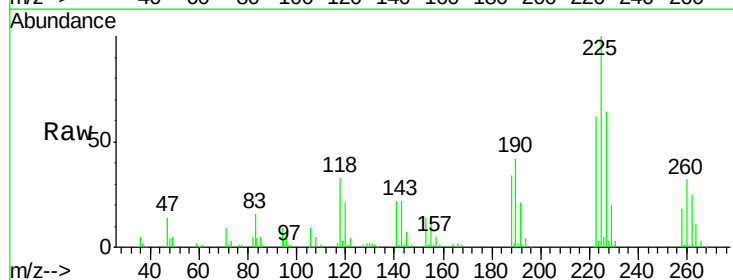
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

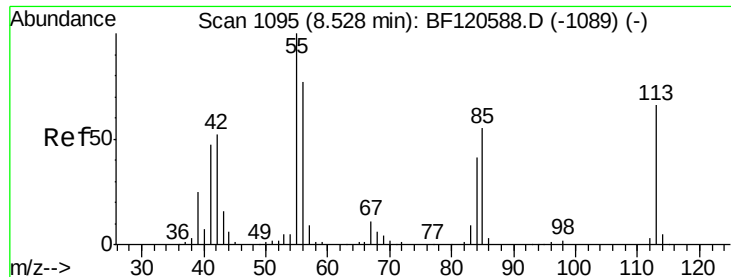
Tot Ion:	127	Resp:	151302
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	26.6	22.2	33.4
92	17.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 14.839 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:	225	Resp:	79343
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.9	74.9
227	64.0	50.5	75.7

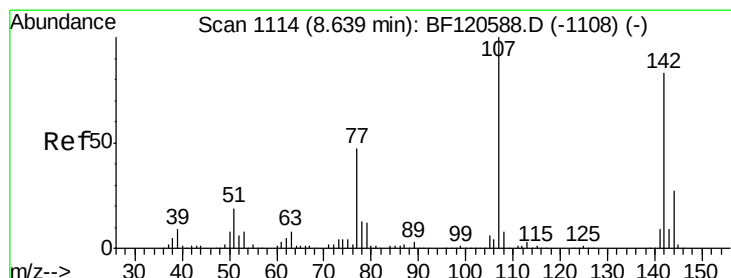
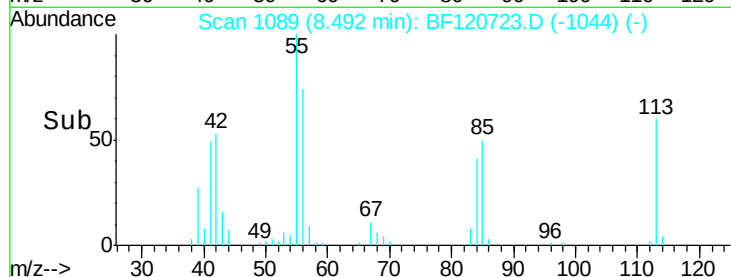
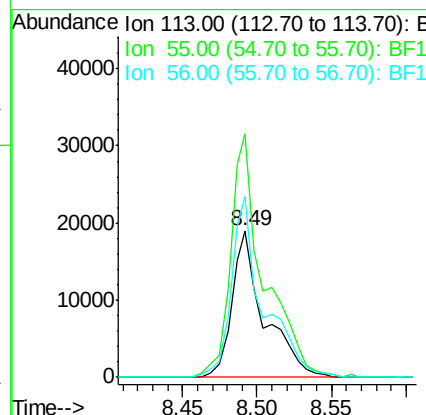
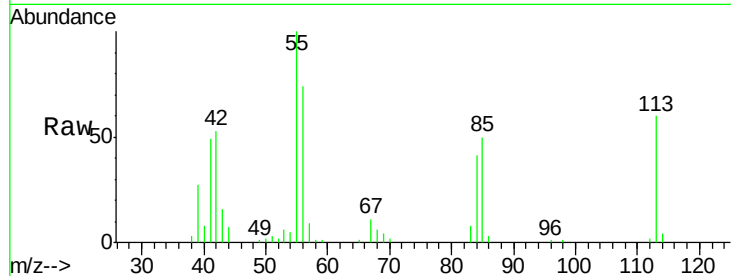




#35
Caprolactam
Concen: 10.883 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

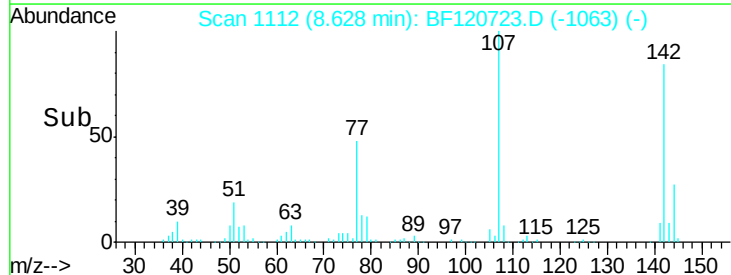
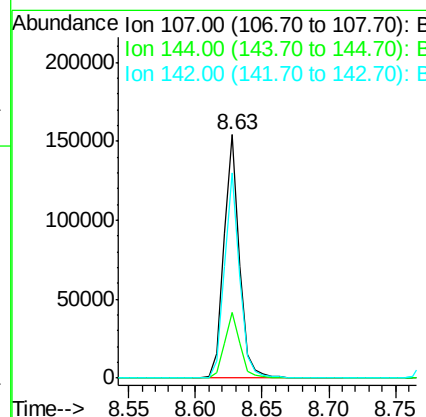
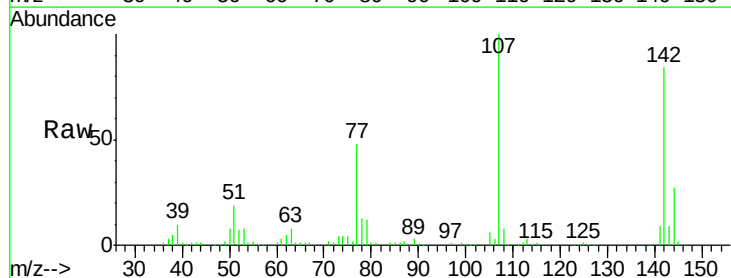
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

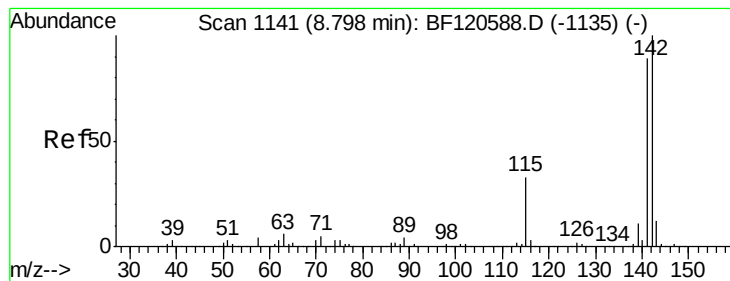
Tot Ion:113 Resp: 28810
Ion Ratio Lower Upper
113 100
55 165.8 133.1 173.1
56 123.4 98.4 138.4



#36
4-Chloro-3-methylphenol
Concen: 15.409 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:107 Resp: 127421
Ion Ratio Lower Upper
107 100
144 26.9 21.4 32.2
142 84.3 66.3 99.5





#37

2-Methylnaphthalene

Concen: 17.155 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

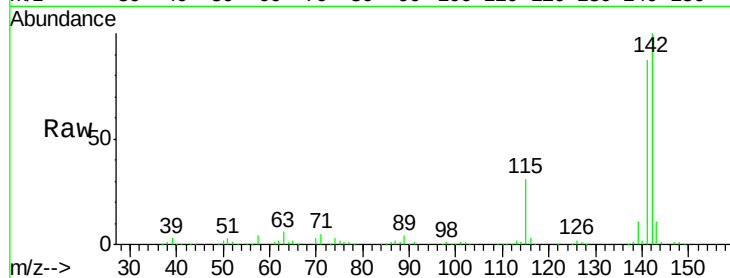
Tot Ion:142 Resp: 307040

Ion Ratio Lower Upper

142 100

141 87.5 71.4 107.0

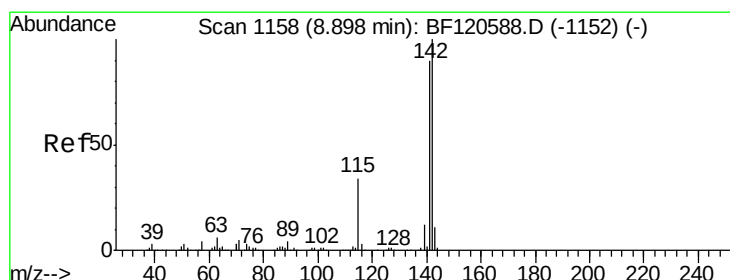
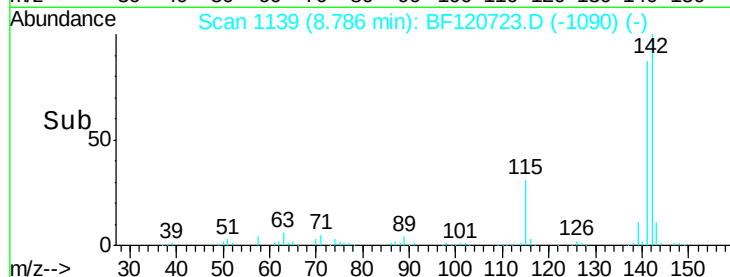
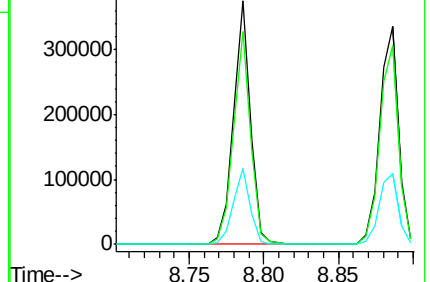
115 31.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 16.952 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

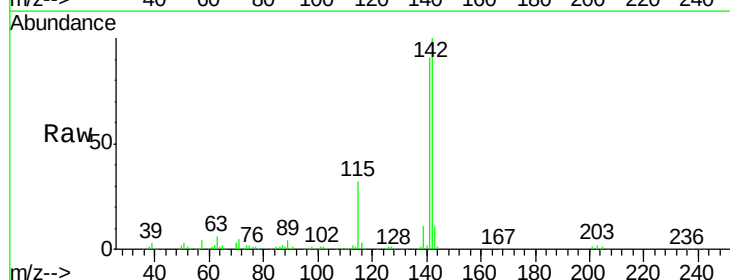
Tgt Ion:142 Resp: 285504

Ion Ratio Lower Upper

142 100

141 91.4 72.1 108.1

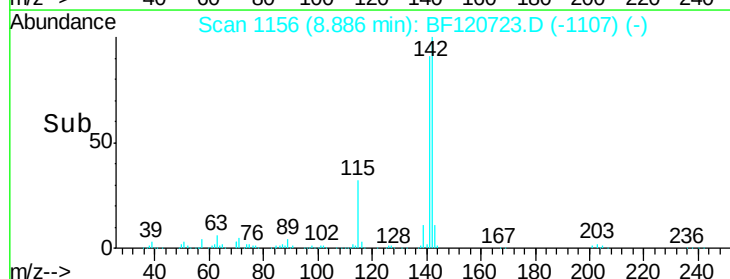
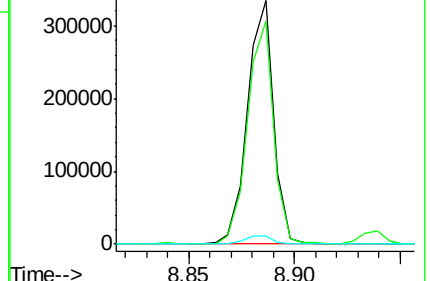
116 3.4 2.7 4.1

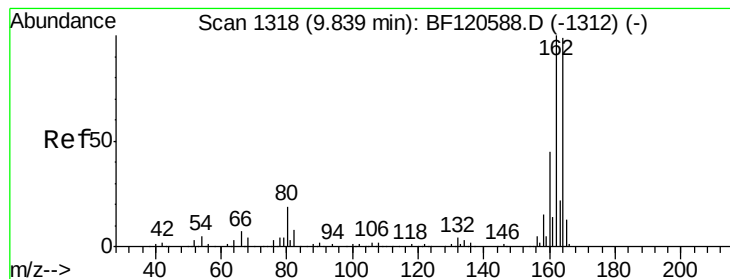


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

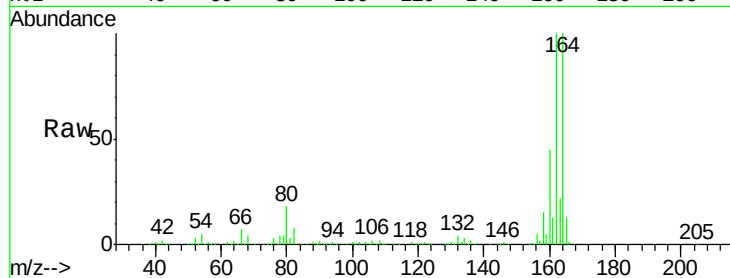
Tot Ion:164 Resp: 296342

Ion Ratio Lower Upper

164 100

162 99.7 80.6 120.8

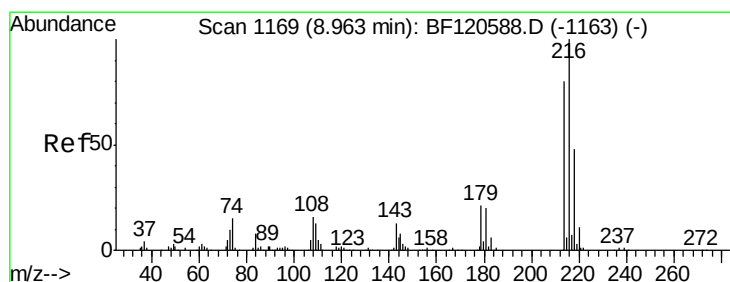
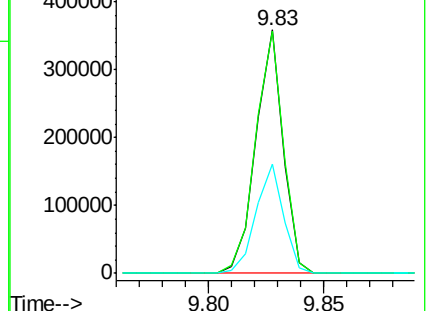
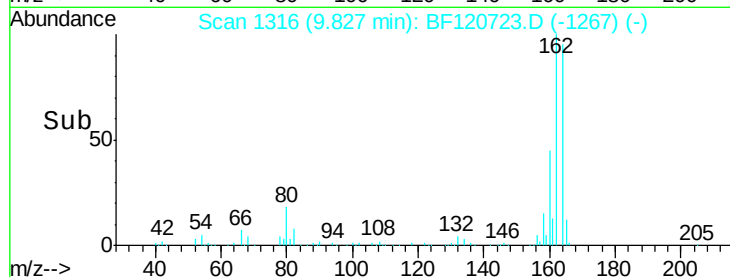
160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 15.643 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Tgt Ion:216 Resp: 138415

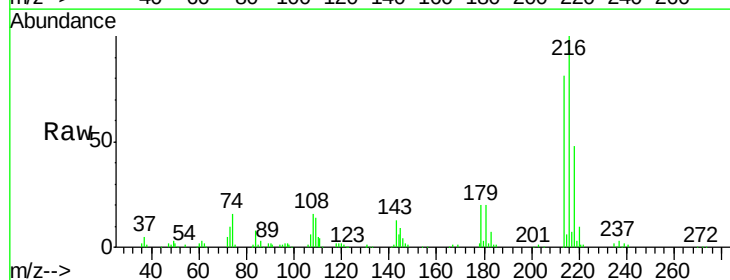
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 19.9 16.4 24.6

108 18.6 13.8 20.8

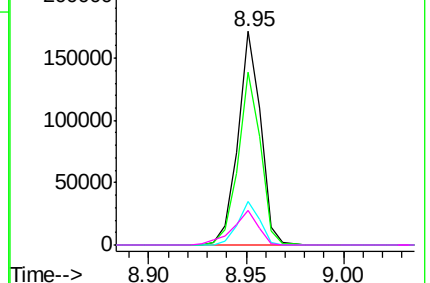
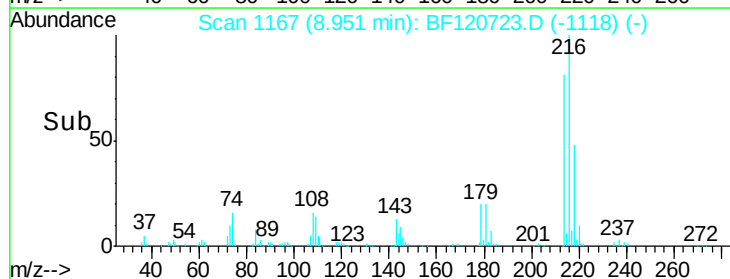


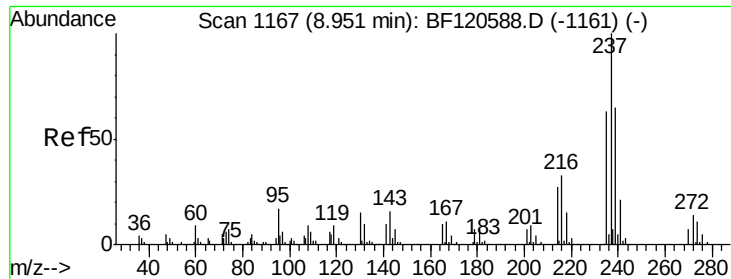
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

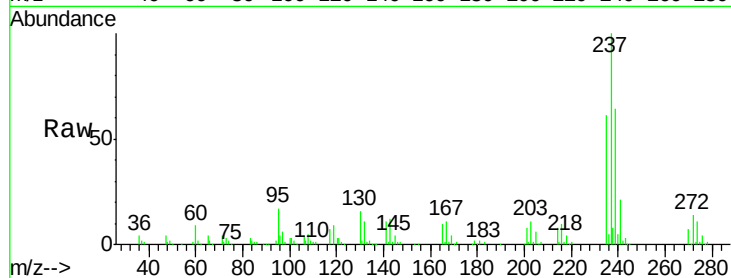




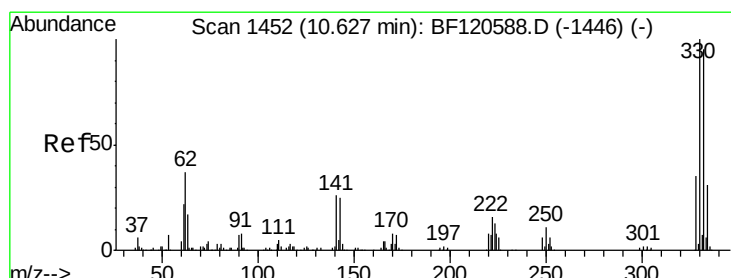
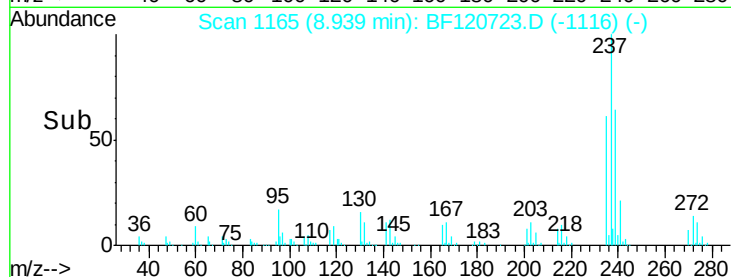
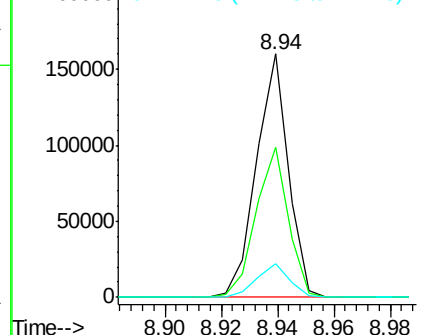
#41
Hexachlorocyclopentadiene
Concen: 25.232 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion:237 Resp: 125114
Ion Ratio Lower Upper
237 100
235 61.5 43.2 83.2
272 13.6 0.0 33.9

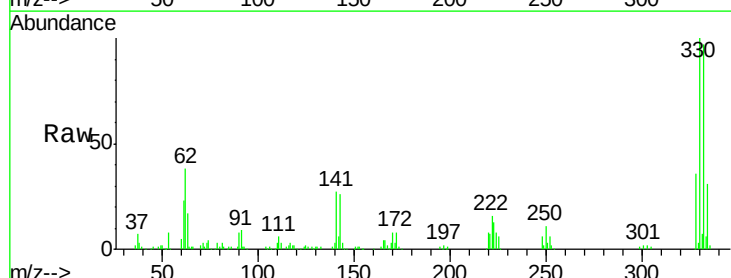


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

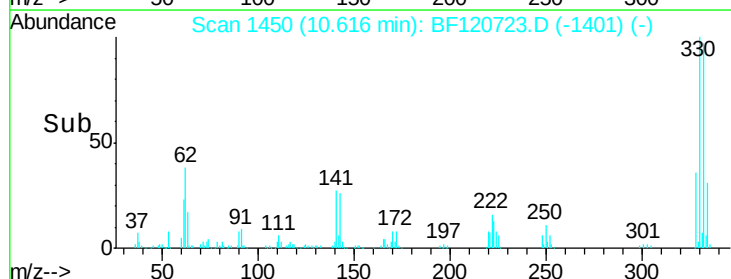
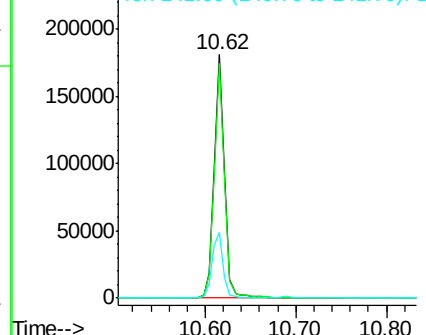


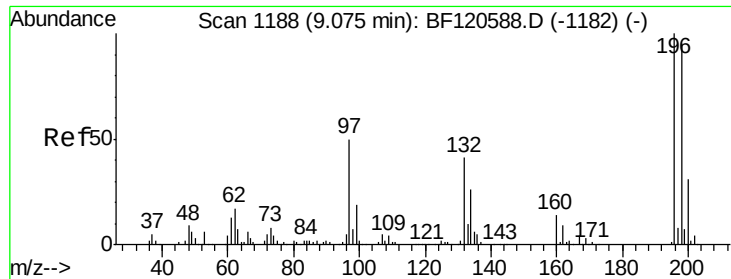
#42
2,4,6-Tribromophenol
Concen: 43.306 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:330 Resp: 149207
Ion Ratio Lower Upper
330 100
332 94.4 76.8 115.2
141 29.0 23.2 34.8



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

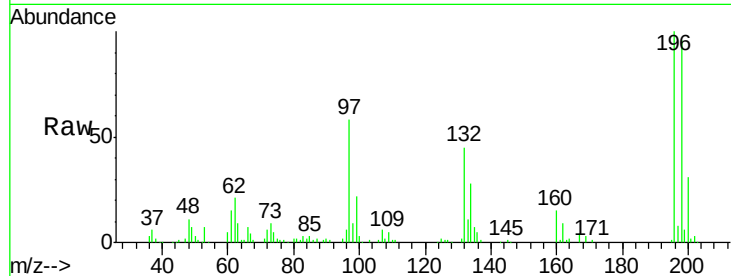




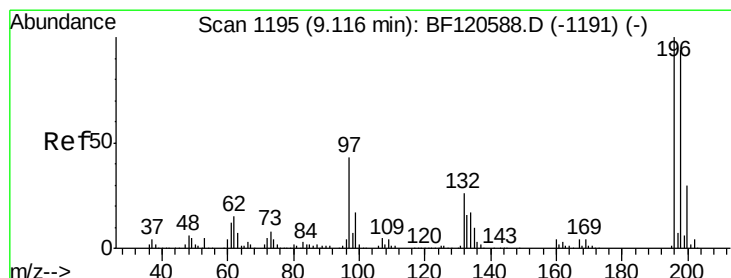
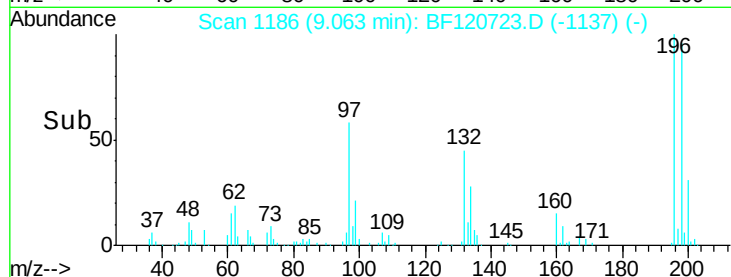
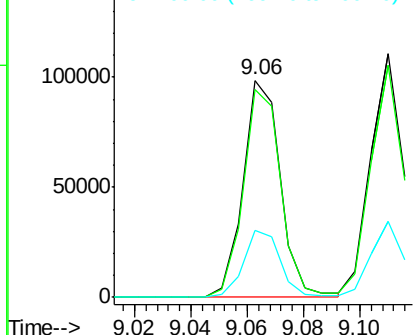
#43
 2,4,6-Trichlorophenol
 Concen: 14.431 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion:196 Resp: 90581
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 200 31.1 24.6 37.0

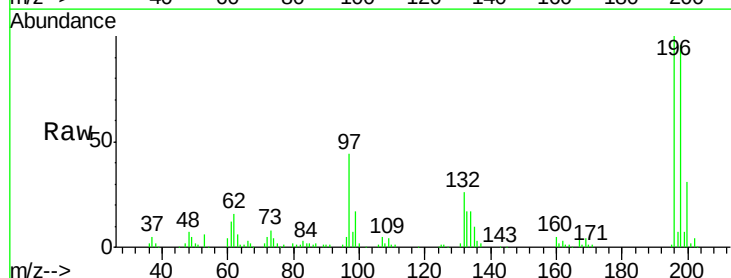


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

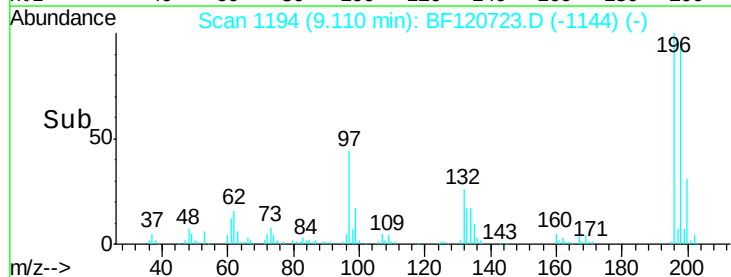
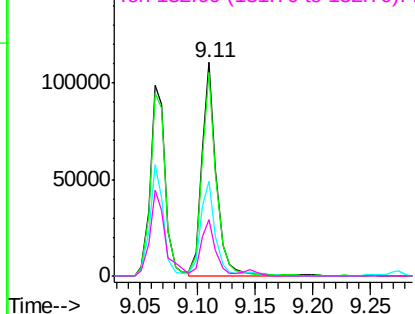


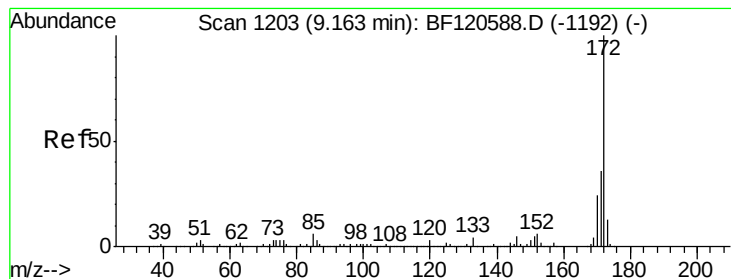
#44
 2,4,5-Trichlorophenol
 Concen: 13.867 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion:196 Resp: 98747
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.5 113.3
 97 44.5 34.4 51.6
 132 26.4 20.7 31.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 31.226 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

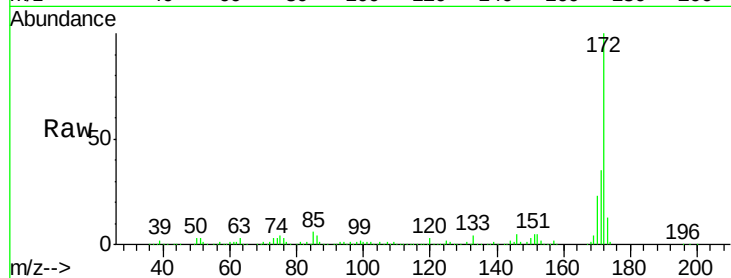
Tot Ion:172 Resp: 604819

Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.4

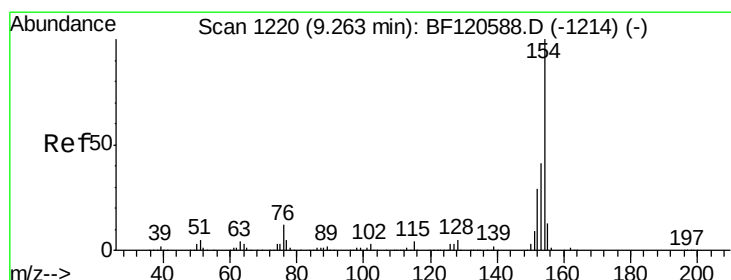
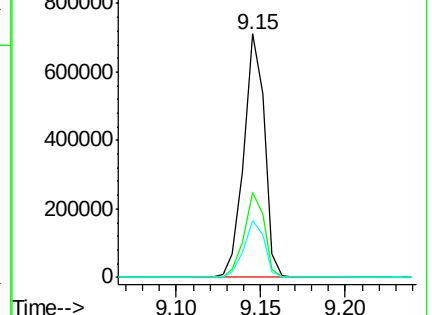
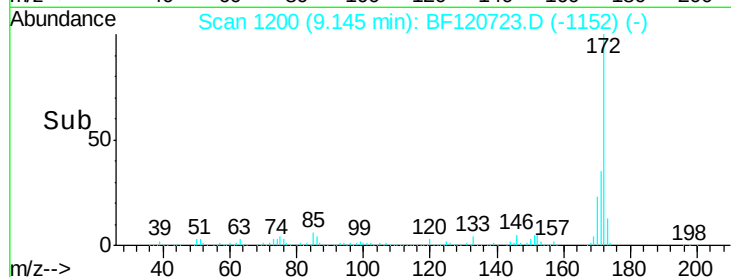
170 23.4 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 16.812 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

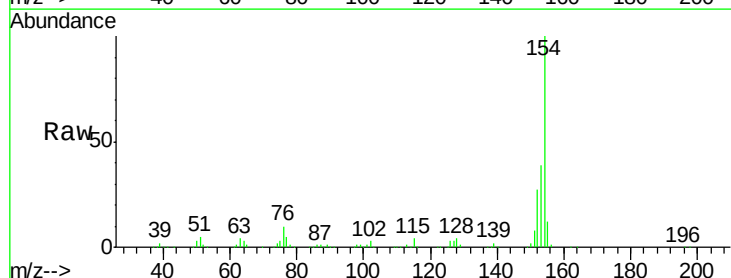
Tgt Ion:154 Resp: 372016

Ion Ratio Lower Upper

154 100

153 38.5 21.4 61.4

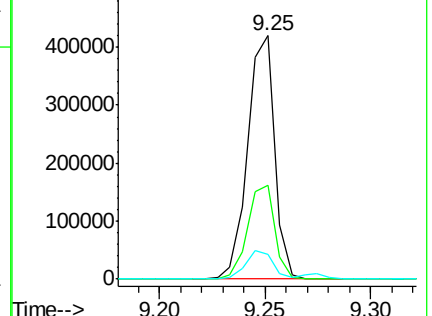
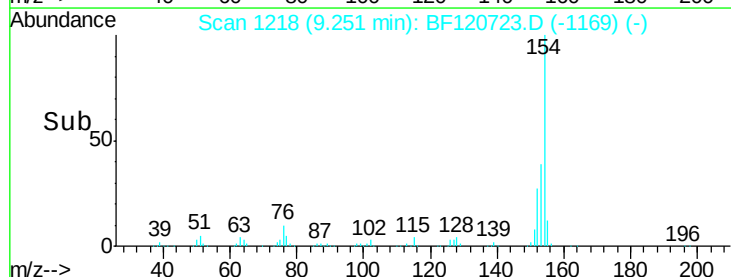
76 10.1 0.0 31.6

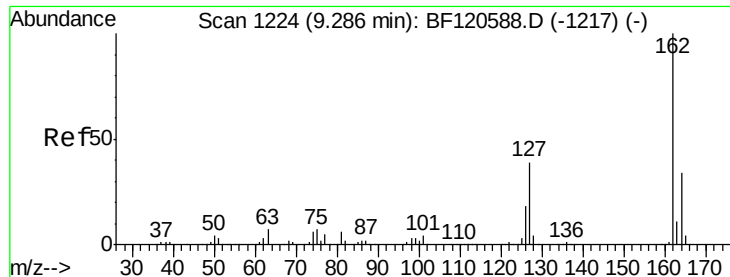


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

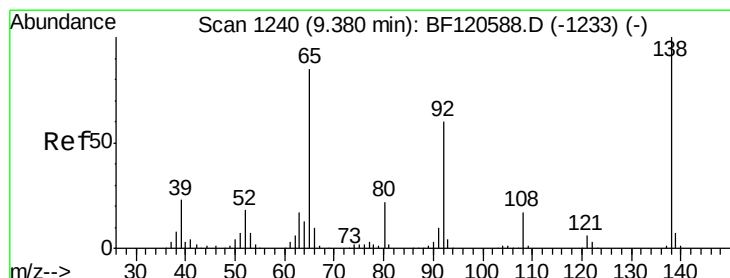
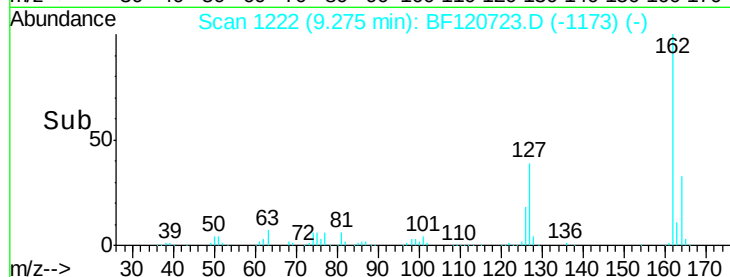
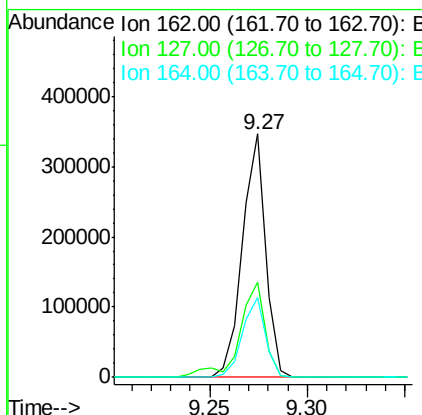
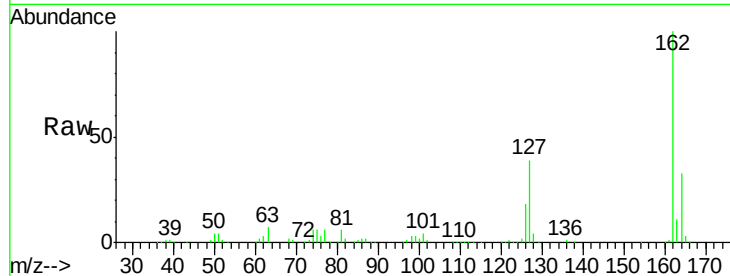




#47
 2-Chloronaphthalene
 Concen: 15.757 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

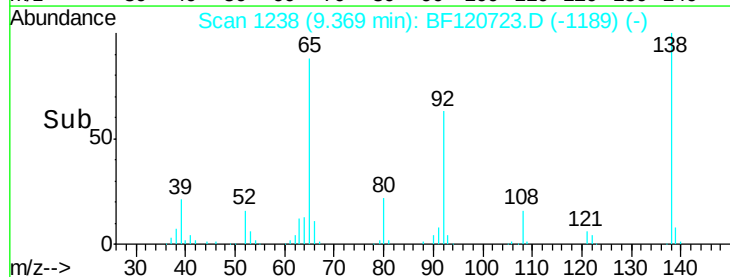
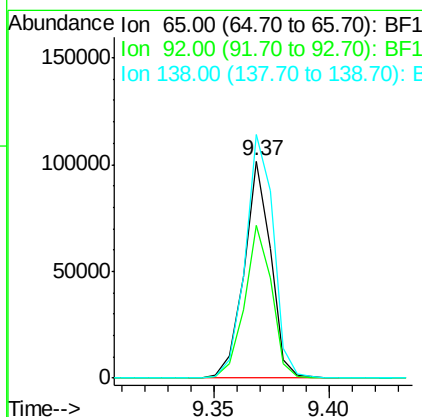
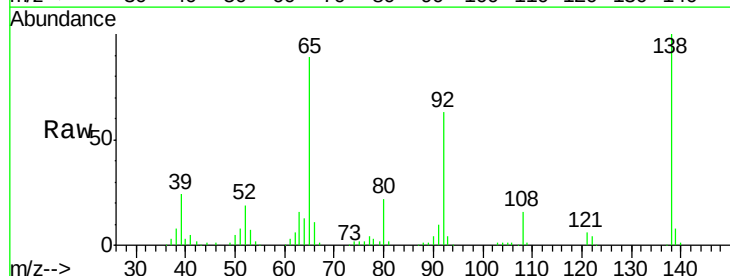
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

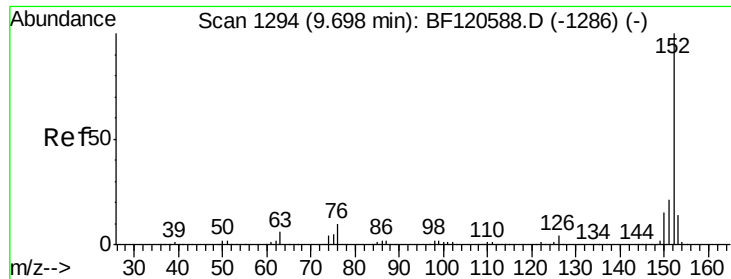
Tot Ion:162 Resp: 285117
 Ion Ratio Lower Upper
 162 100
 127 38.9 31.3 46.9
 164 33.0 26.9 40.3



#48
 2-Nitroaniline
 Concen: 14.422 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion: 65 Resp: 81959
 Ion Ratio Lower Upper
 65 100
 92 70.5 56.0 84.0
 138 112.2 94.0 141.0





#49

Acenaphthylene

Concen: 16.163 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

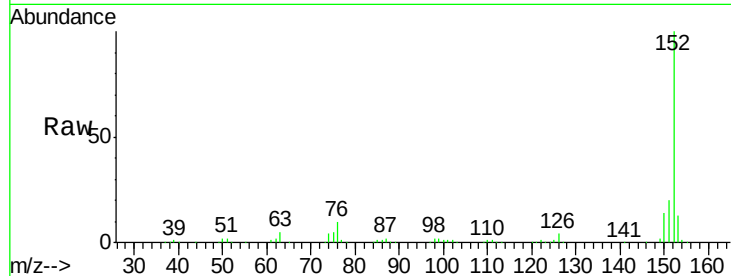
Tot Ion:152 Resp: 451373

Ion Ratio Lower Upper

152 100

151 20.1 16.6 25.0

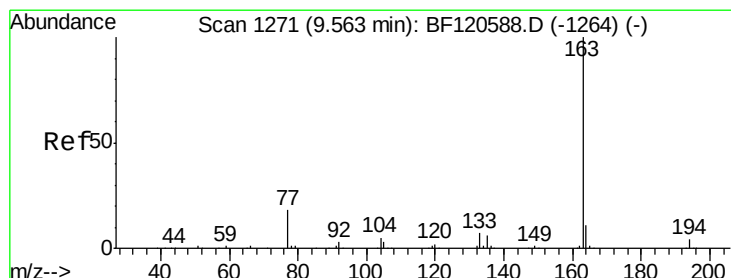
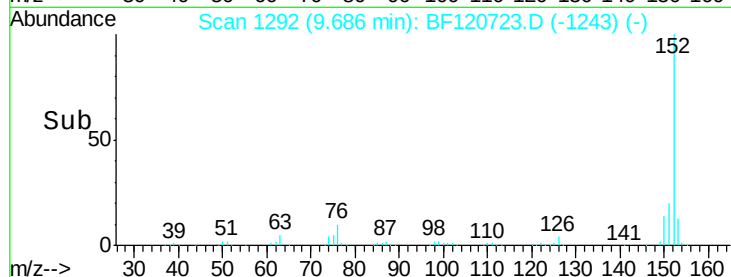
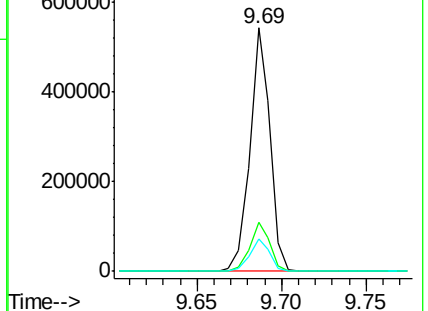
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 17.113 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

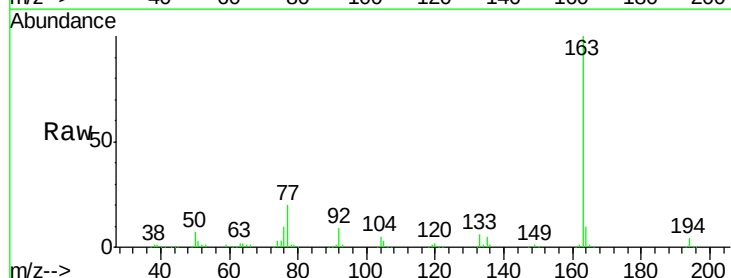
Tgt Ion:163 Resp: 365232

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

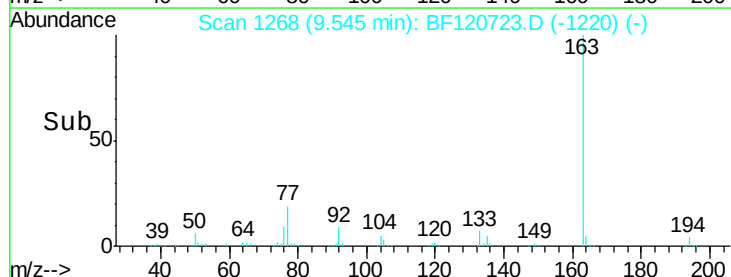
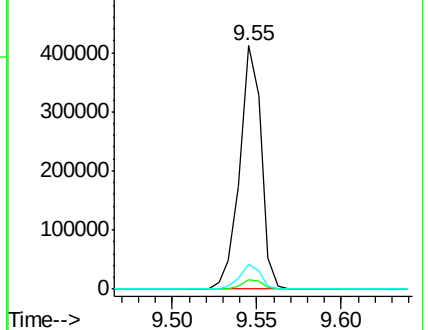
164 10.4 8.5 12.7

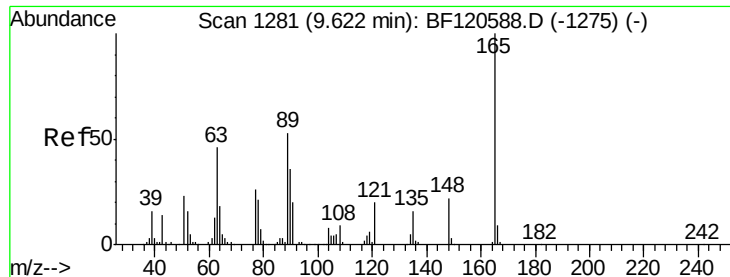


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

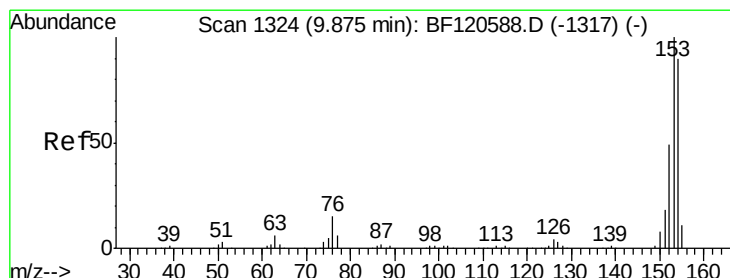
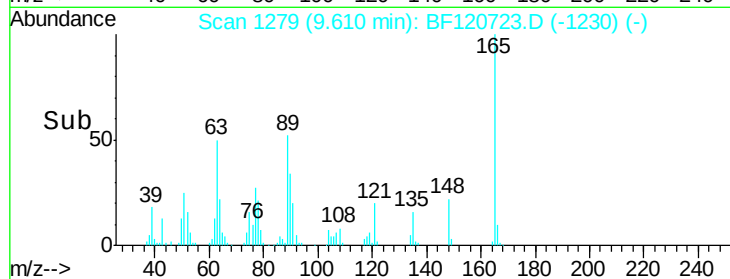
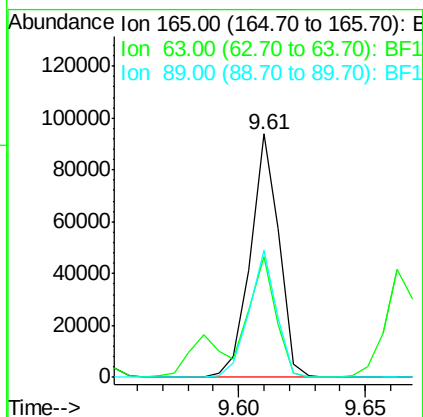
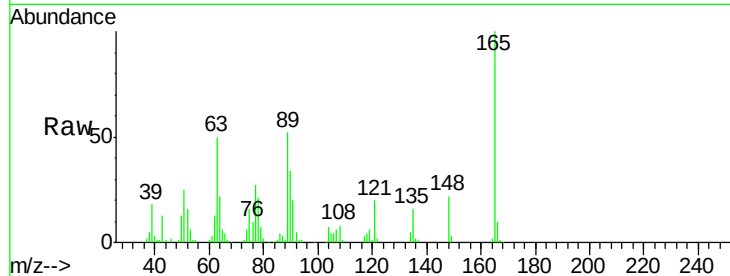




#51
2,6-Dinitrotoluene
Concen: 15.113 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

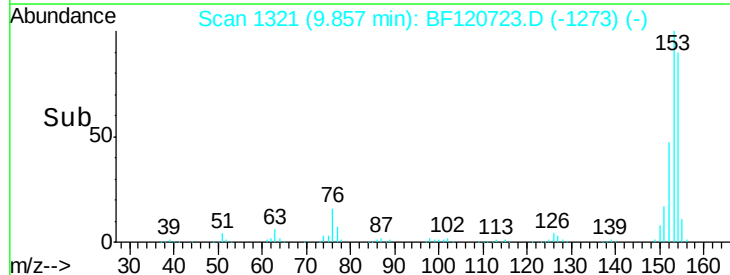
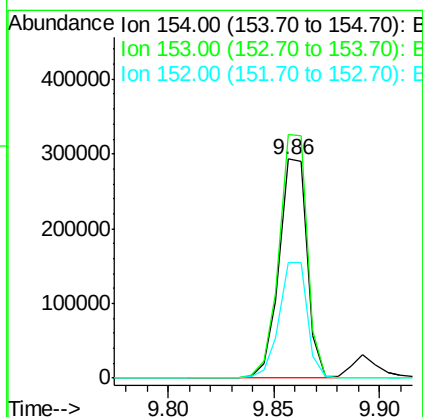
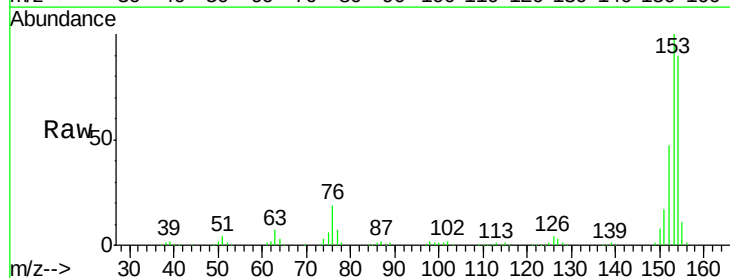
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

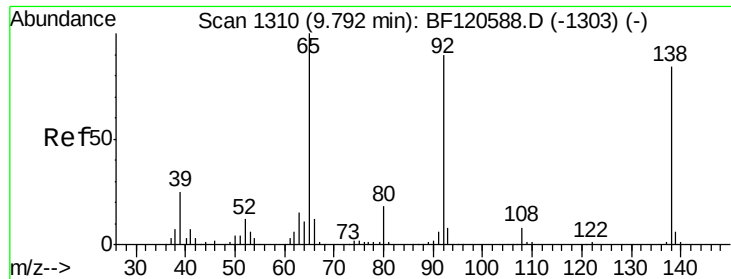
Tot Ion:165 Resp: 73100
Ion Ratio Lower Upper
165 100
63 49.7 41.7 62.5
89 52.3 42.6 64.0



#52
Acenaphthene
Concen: 16.380 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:154 Resp: 272822
Ion Ratio Lower Upper
154 100
153 111.3 89.1 133.7
152 52.8 43.7 65.5

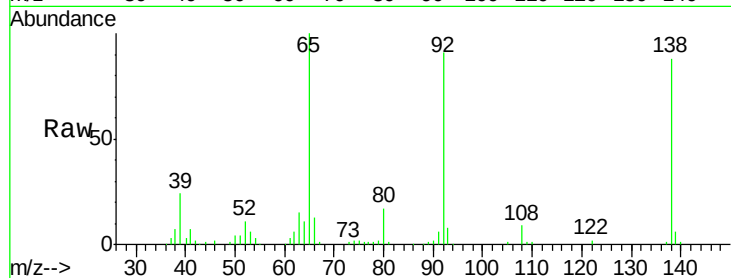




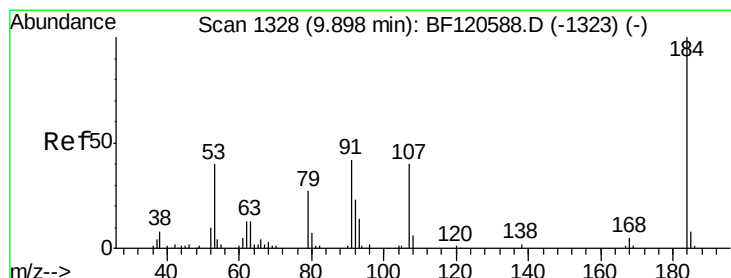
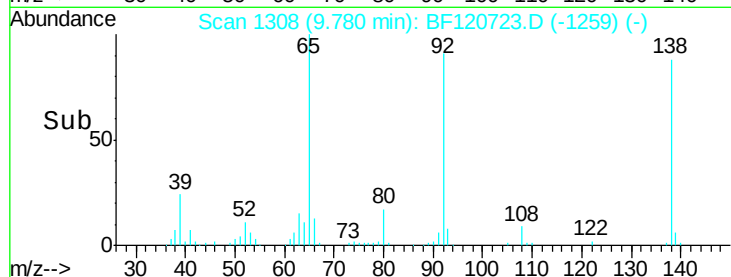
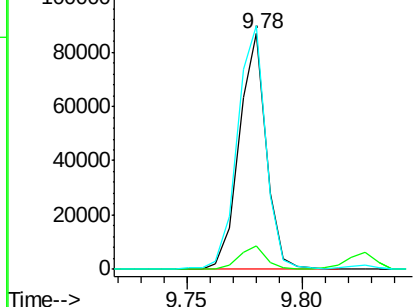
#53
3-Nitroaniline
Concen: 12.218 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion:138 Resp: 70981
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 103.4 86.0 129.0

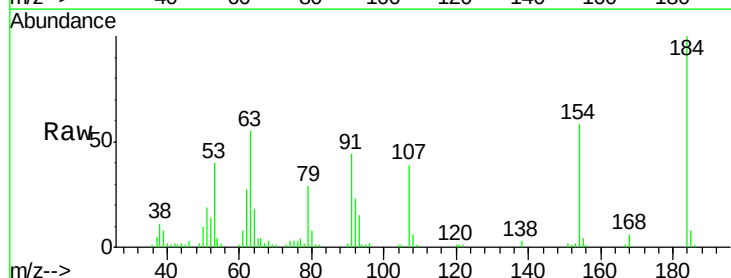


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

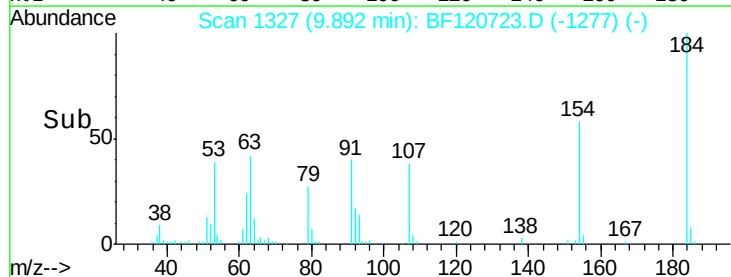
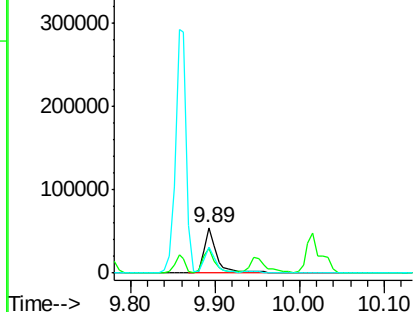


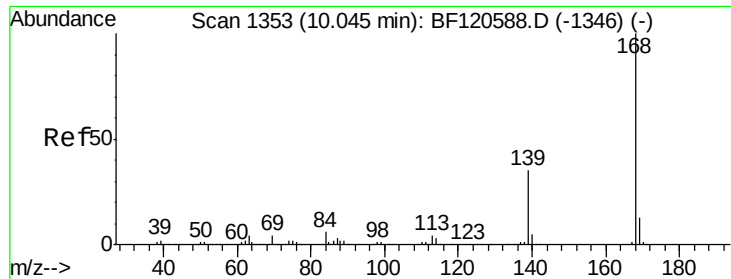
#54
2,4-Dinitrophenol
Concen: 22.468 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:184 Resp: 57254
Ion Ratio Lower Upper
184 100
63 55.4 44.2 66.2
154 58.2 45.9 68.9



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

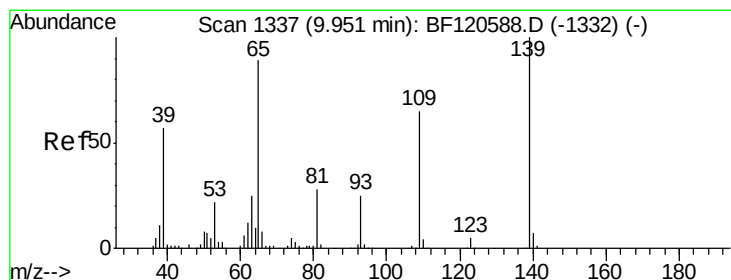
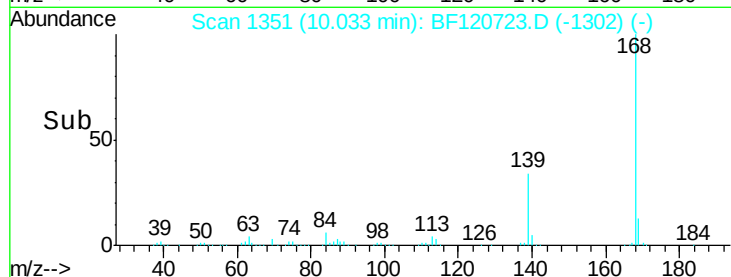
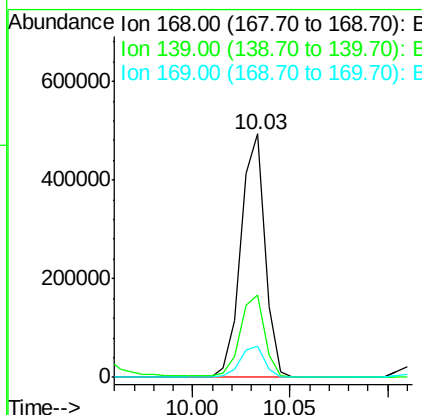
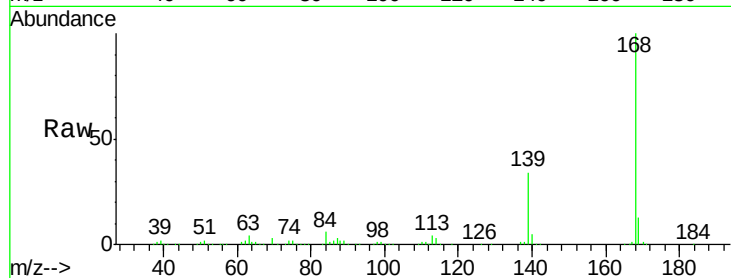




#55
Dibenzenofuran
Concen: 16.567 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

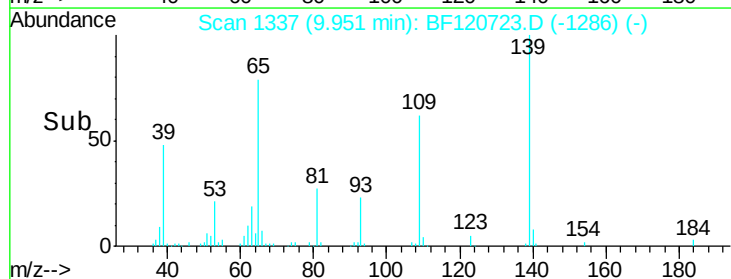
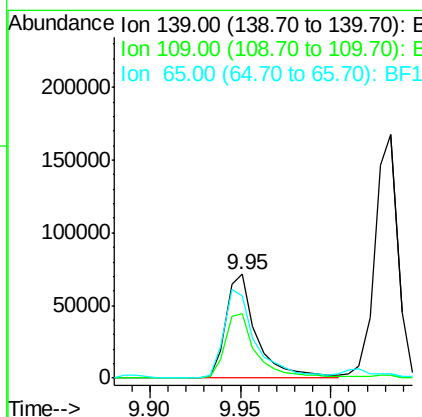
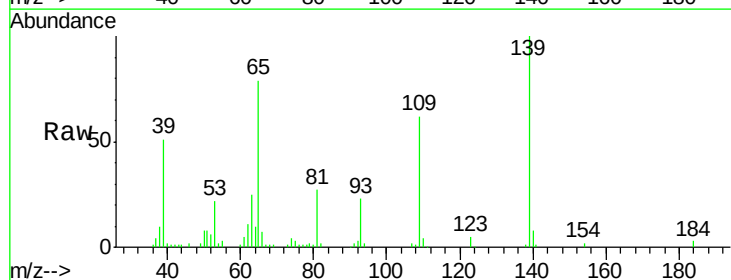
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

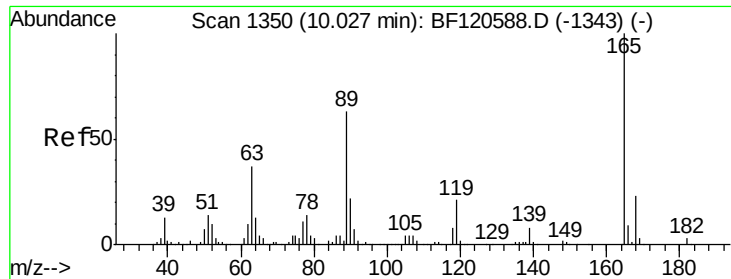
Tot Ion:168 Resp: 423089
Ion Ratio Lower Upper
168 100
139 33.9 28.1 42.1
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 19.559 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:139 Resp: 85580
Ion Ratio Lower Upper
139 100
109 61.7 44.6 84.6
65 79.5 69.2 109.2

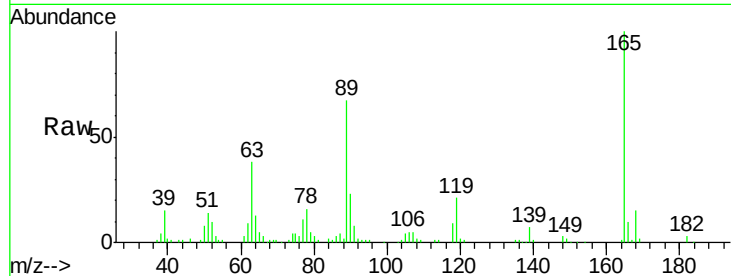




#57
 2,4-Dinitrotoluene
 Concen: 15.162 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	38.5	29.8	44.8	
89	67.2	50.4	75.6	
182	2.6	2.1	3.1	

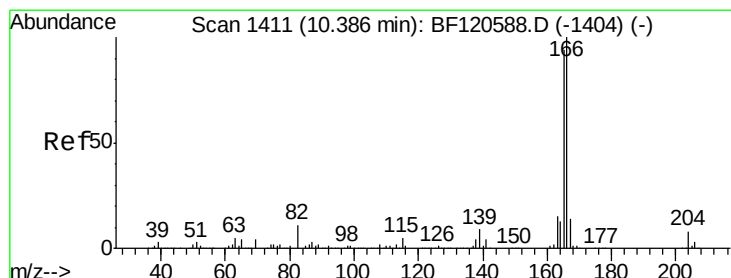
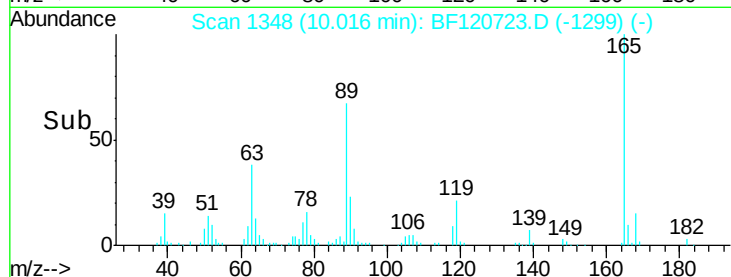
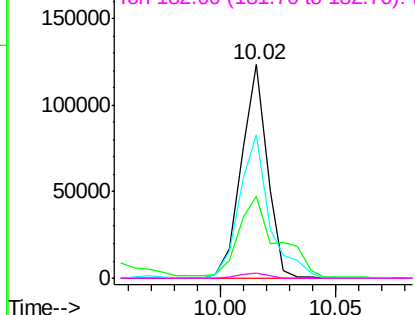


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

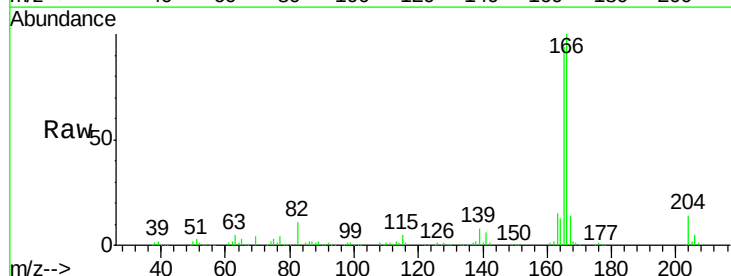
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 16.809 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

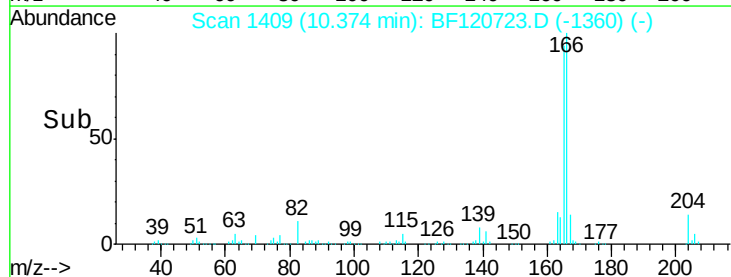
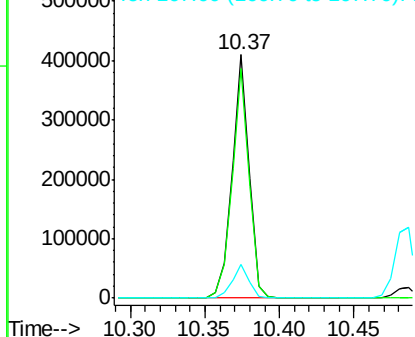
Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	94.1	75.0	112.6	
167	13.7	11.0	16.4	

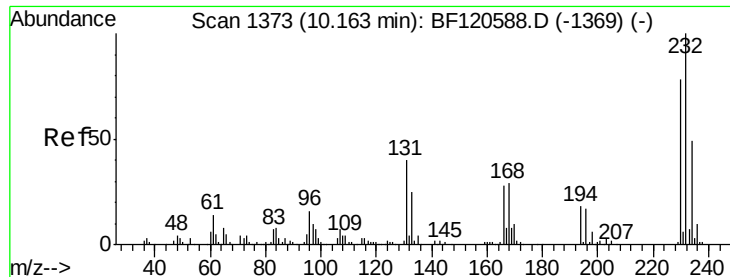


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

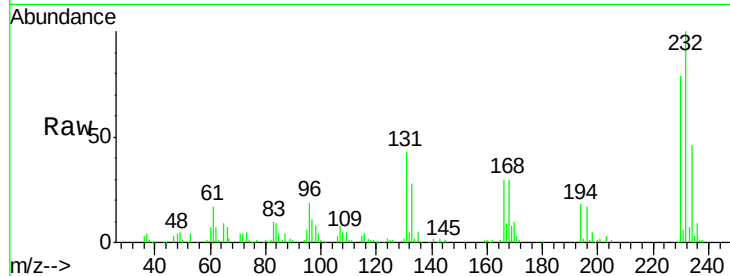




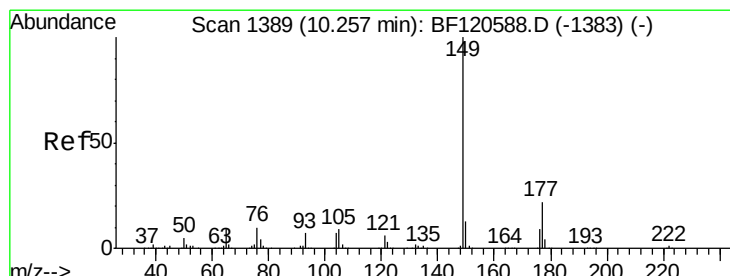
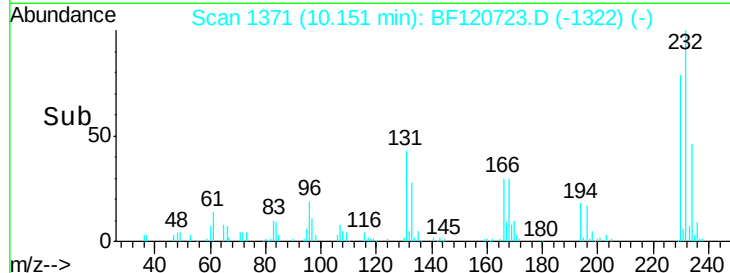
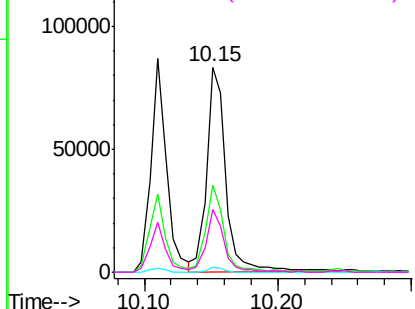
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 14.697 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion:232 Resp: 82342
 Ion Ratio Lower Upper
 232 100
 131 41.7 33.5 50.3
 130 1.9 1.5 2.3
 166 29.3 23.4 35.0

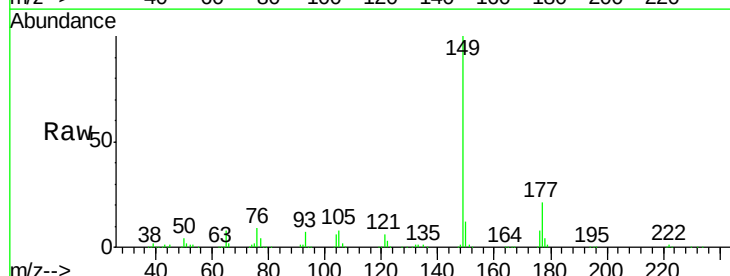


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

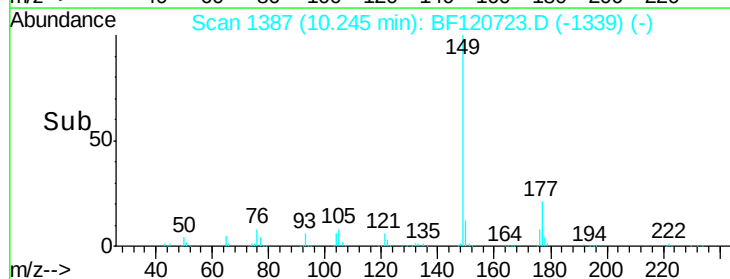
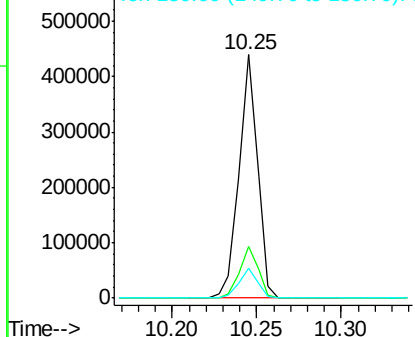


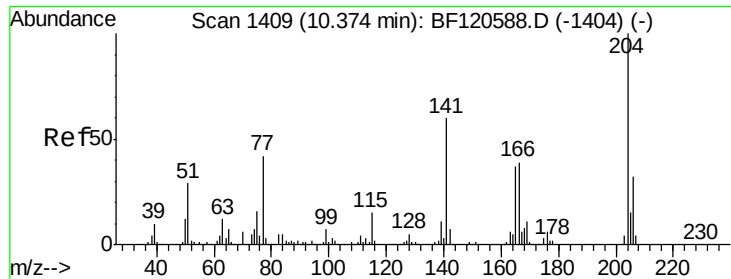
#60
 Diethylphthalate
 Concen: 15.880 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.02 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion:149 Resp: 333809
 Ion Ratio Lower Upper
 149 100
 177 21.4 17.3 25.9
 150 12.3 10.3 15.5



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

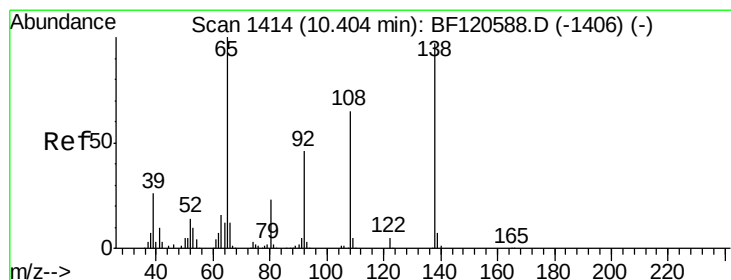
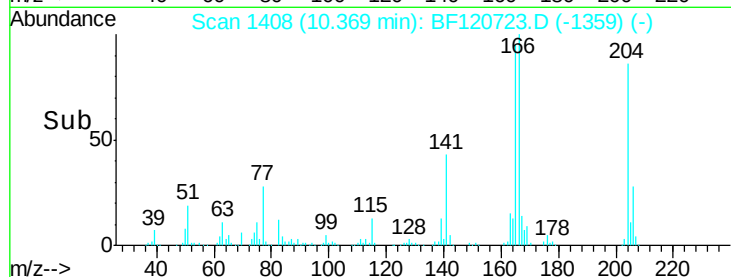
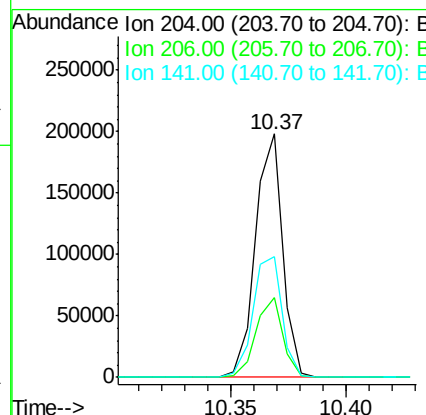
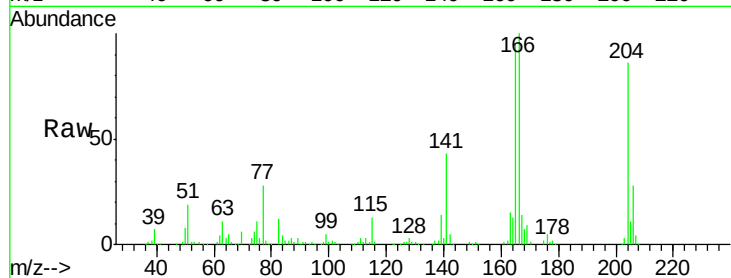




#61
4-Chlorophenyl-phenylether
Concen: 16.108 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

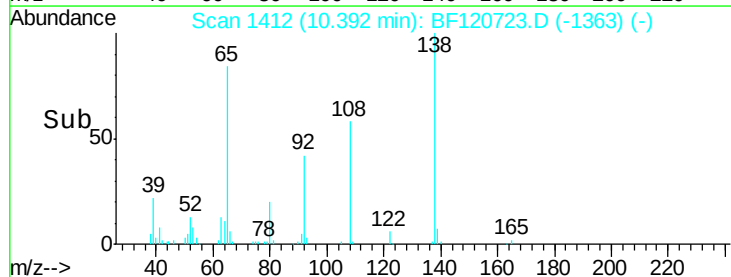
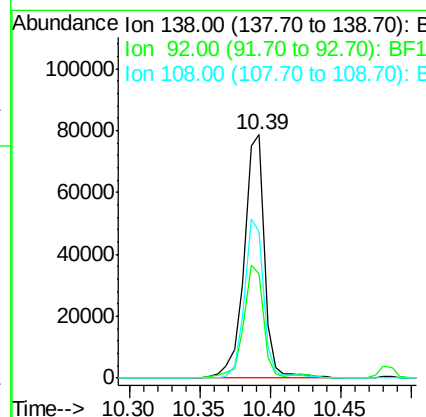
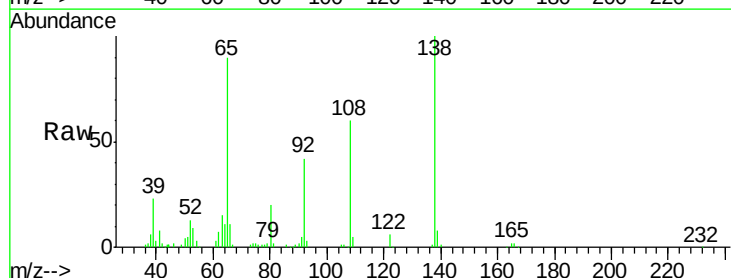
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

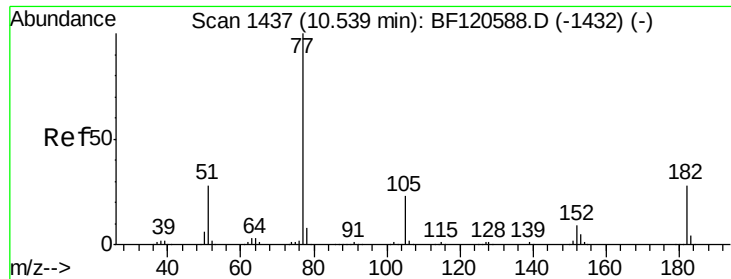
Tot Ion:204 Resp: 163763
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 49.6 47.6 71.4



#62
4-Nitroaniline
Concen: 13.726 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:138 Resp: 79166
Ion Ratio Lower Upper
138 100
92 42.5 27.3 67.3
108 60.3 47.4 87.4





#63

Azobenzene

Concen: 16.146 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

Tot Ion: 77 Resp: 308073

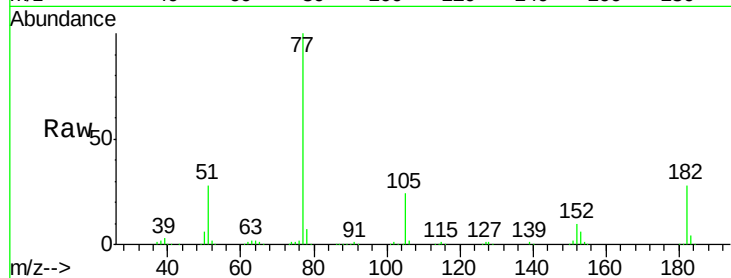
Ion Ratio Lower Upper

77 100

182 28.4 7.7 47.7

105 24.2 3.2 43.2

51 28.1 8.5 48.5

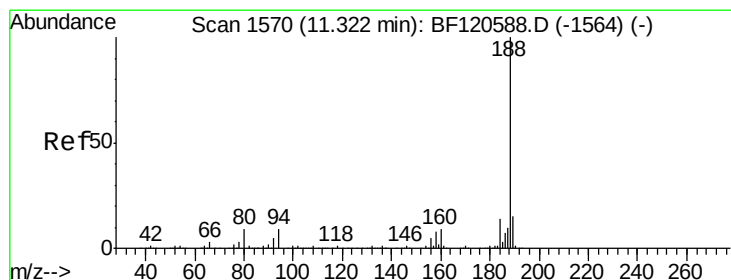
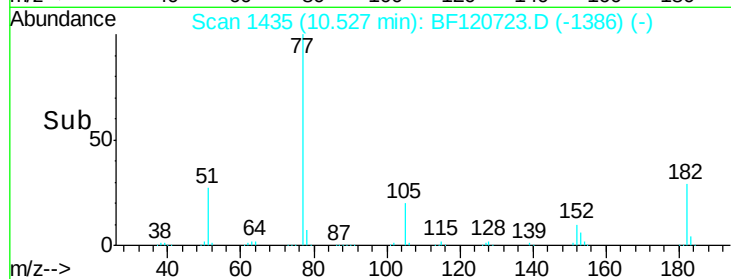
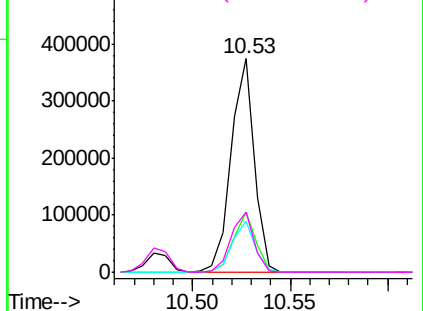


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

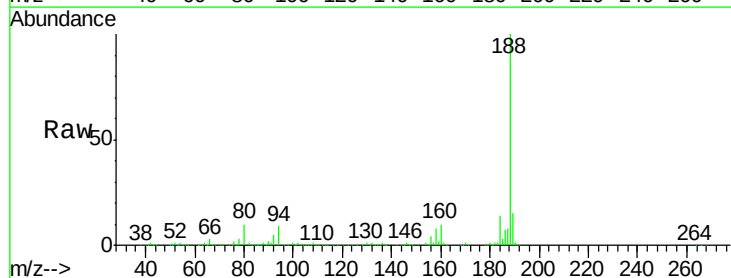
Tgt Ion: 188 Resp: 574311

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

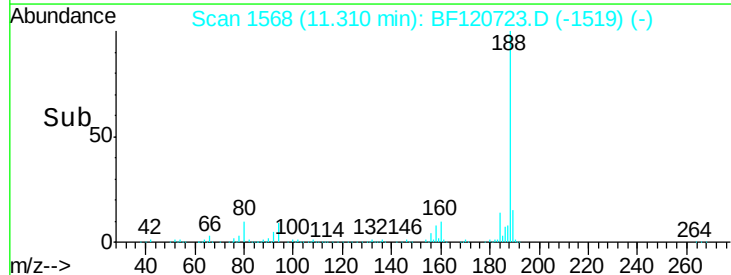
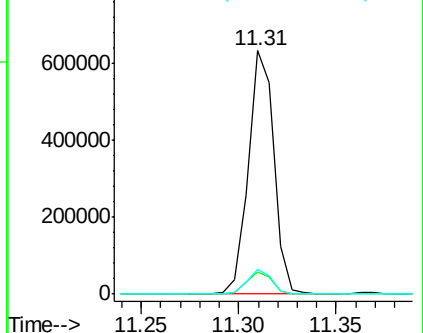
80 10.1 7.4 11.2

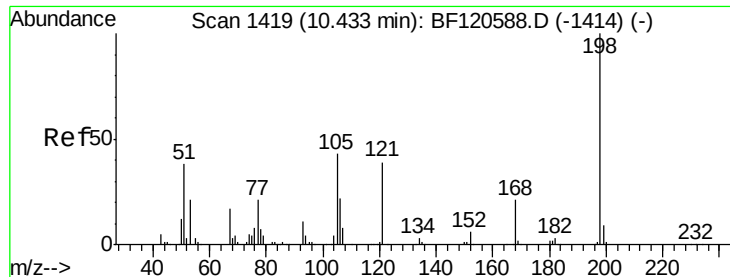


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

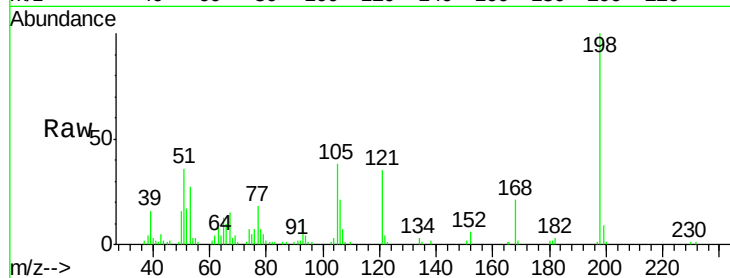




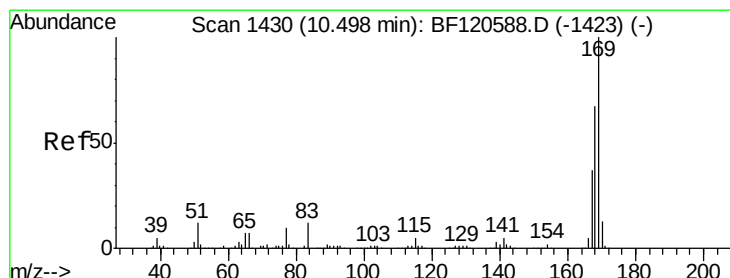
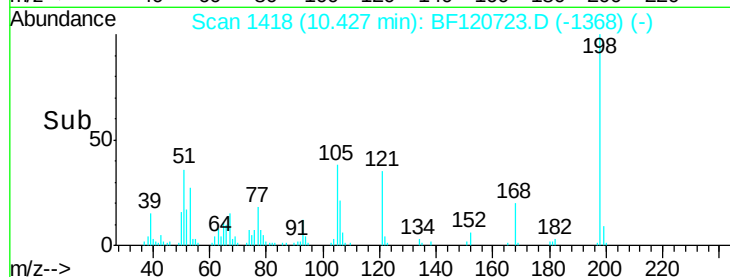
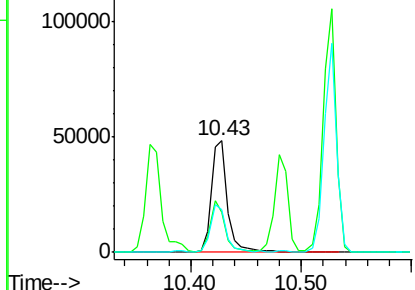
#65
 4,6-Dinitro-2-methylphenol
 Concen: 13.784 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion:198 Resp: 47502
 Ion Ratio Lower Upper
 198 100
 51 36.0 24.8 64.8
 105 38.4 23.9 63.9

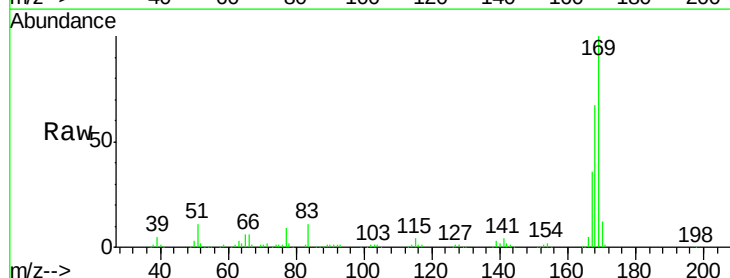


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

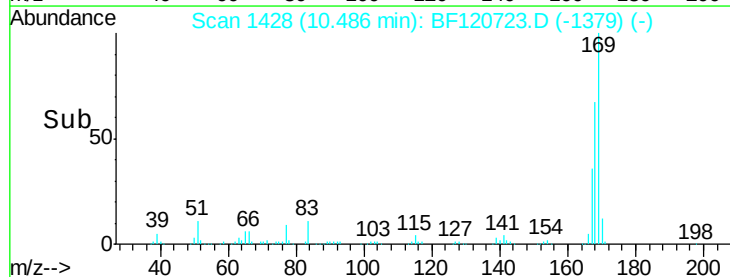
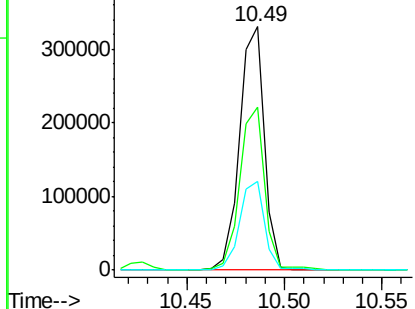


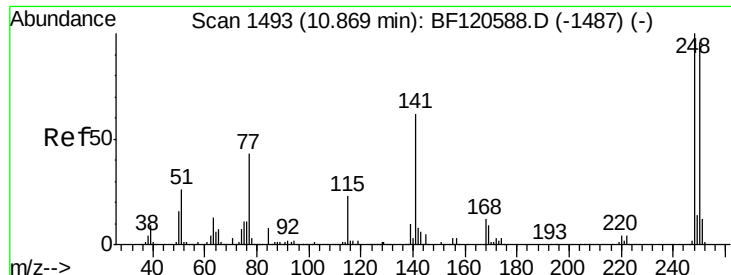
#66
 n-Nitrosodiphenylamine
 Concen: 16.472 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion:169 Resp: 290512
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.7 80.5
 167 36.2 29.9 44.9



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

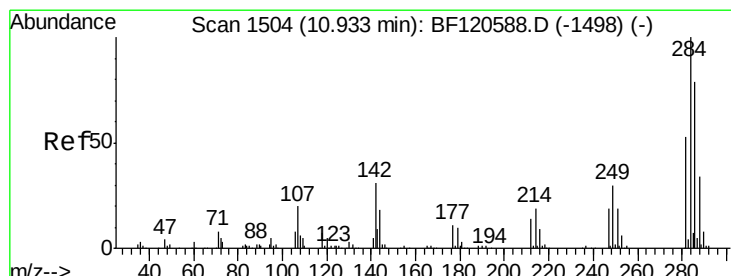
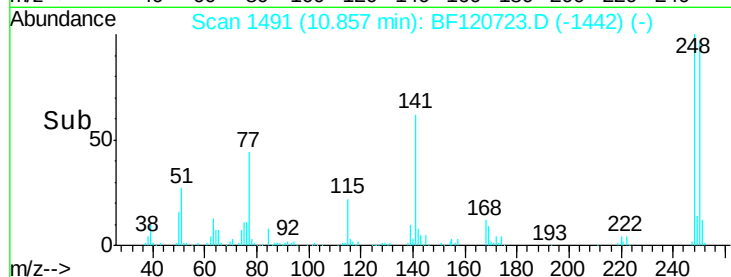
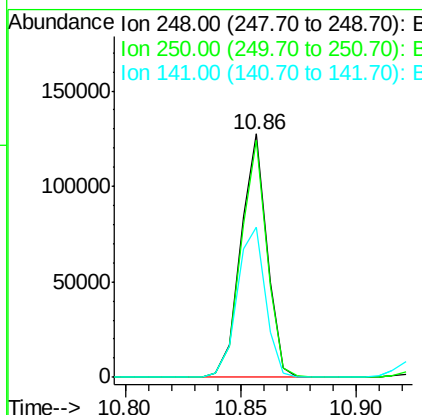
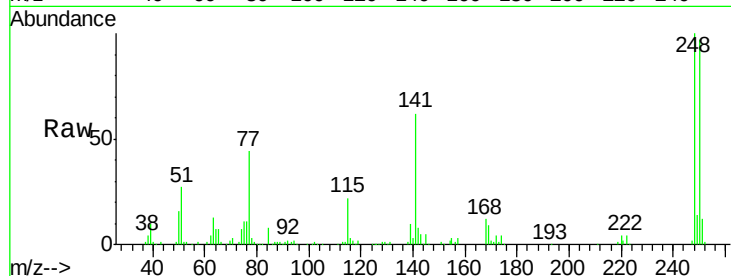




#67
 4-Bromophenyl-phenylether
 Concen: 15.454 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

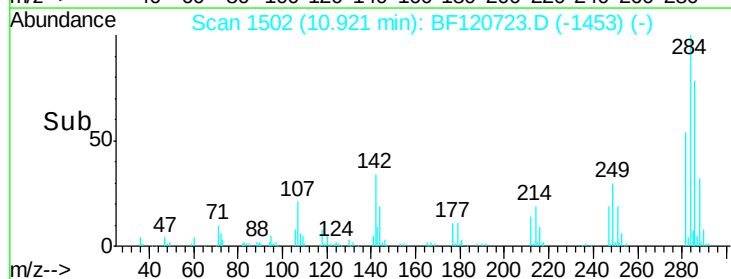
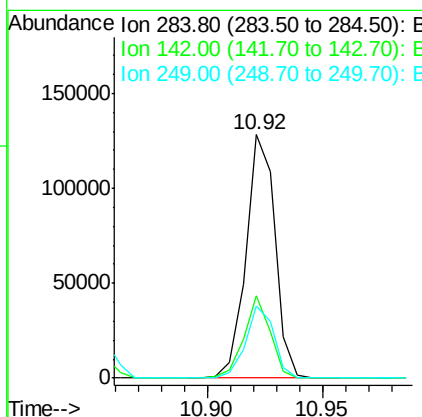
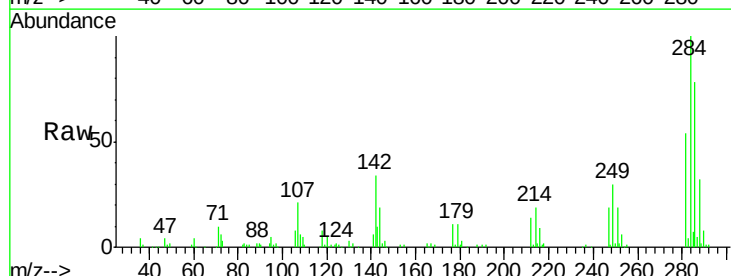
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

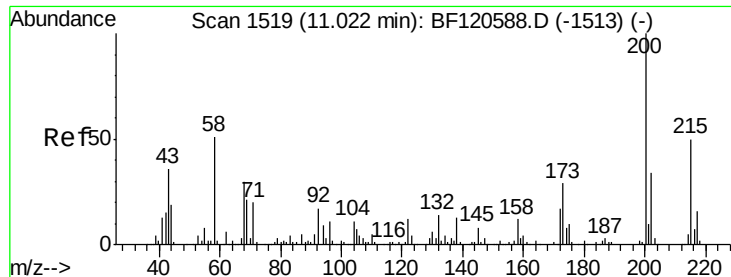
Tot Ion:248 Resp: 100731
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.7 115.1
 141 61.5 49.4 74.0



#68
 Hexachlorobenzene
 Concen: 16.085 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion:284 Resp: 112718
 Ion Ratio Lower Upper
 284 100
 142 33.9 25.1 37.7
 249 29.8 24.0 36.0

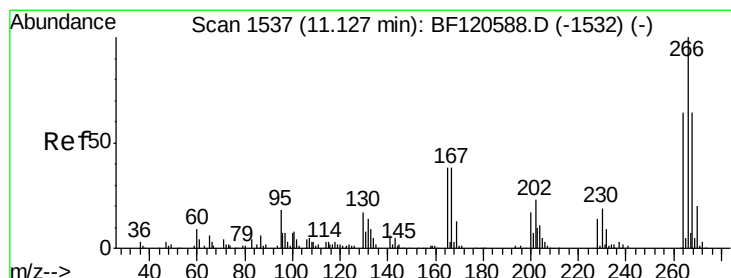
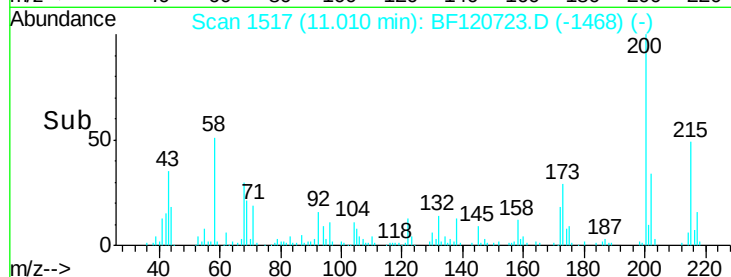
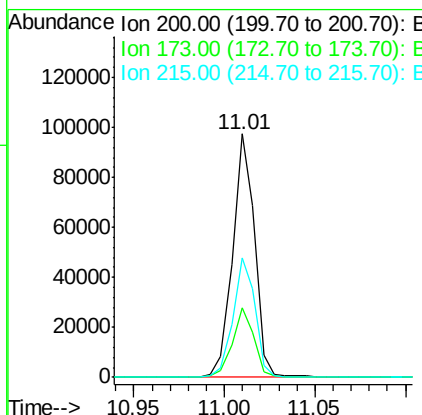
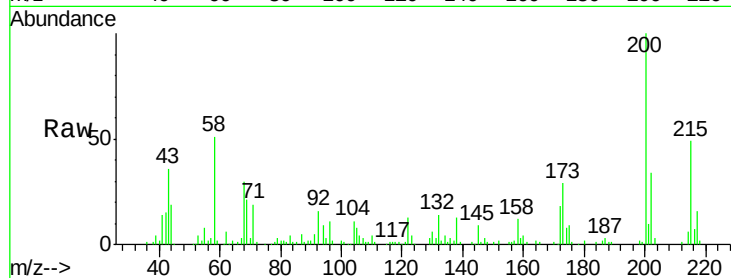




#69
 Atrazine
 Concen: 15.099 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

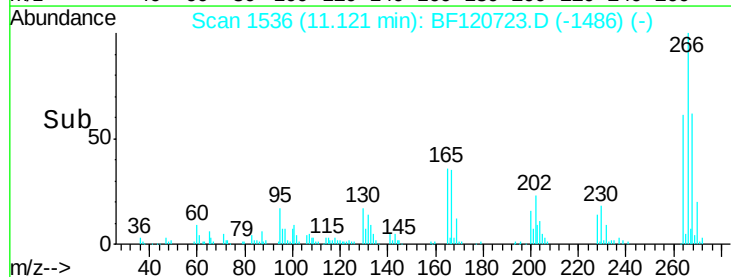
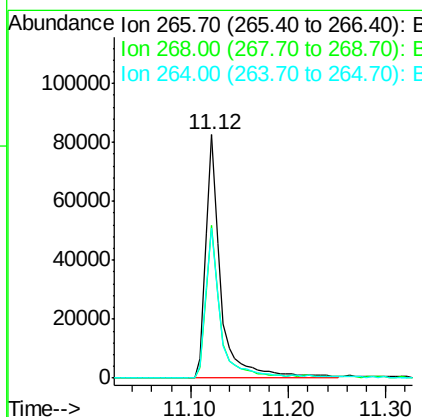
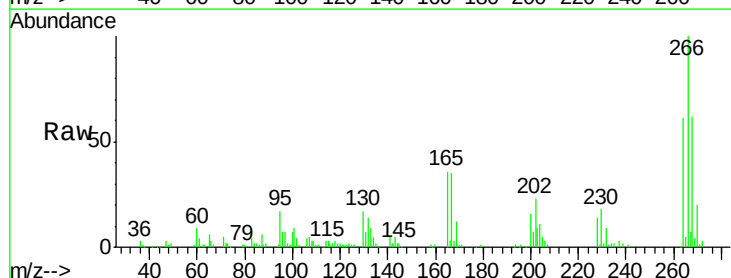
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

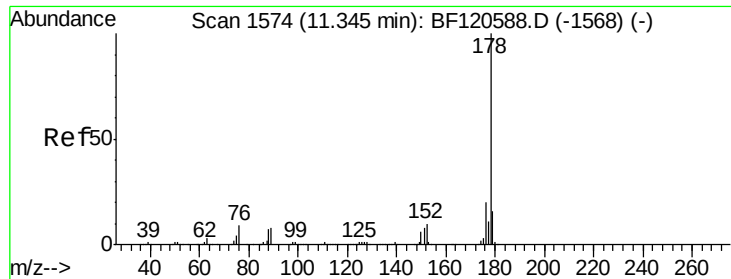
Tot Ion:200 Resp: 82404
 Ion Ratio Lower Upper
 200 100
 173 28.8 9.1 49.1
 215 48.8 29.8 69.8



#70
 Pentachlorophenol
 Concen: 22.914 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion:266 Resp: 89273
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.4 77.0
 264 61.5 50.8 76.2

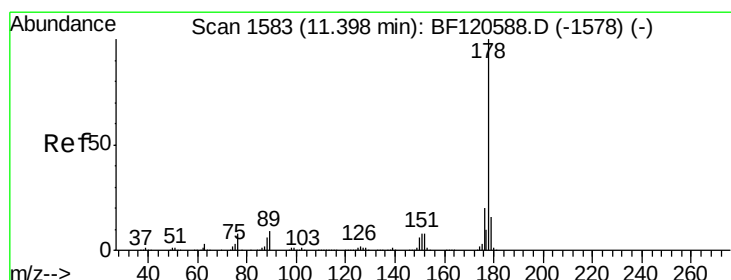
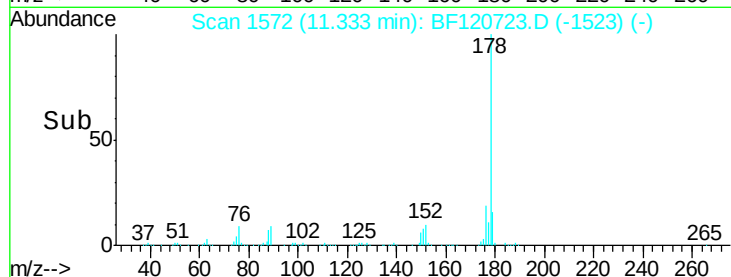
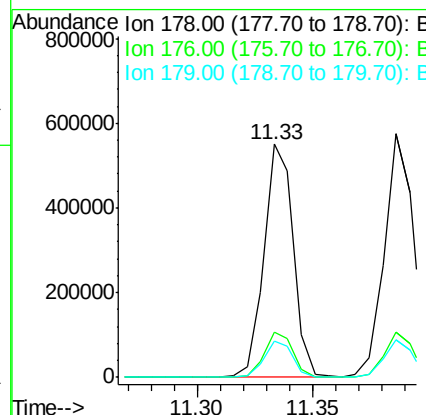
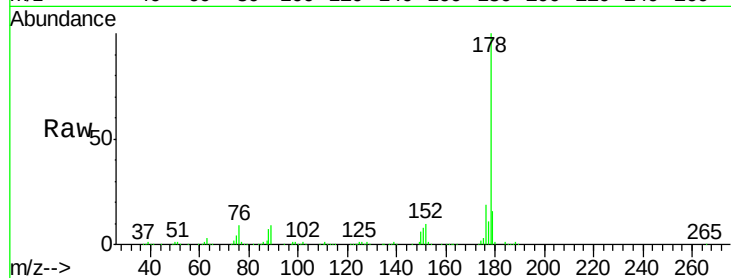




#71
Phenanthrene
Concen: 17.072 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

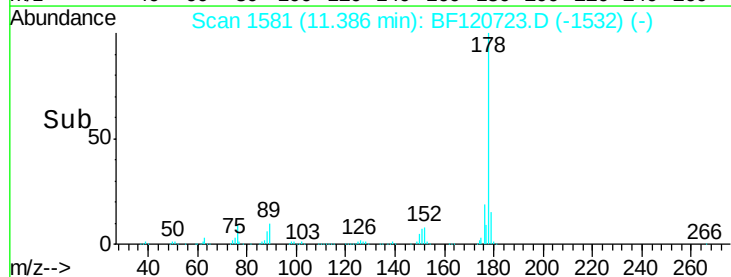
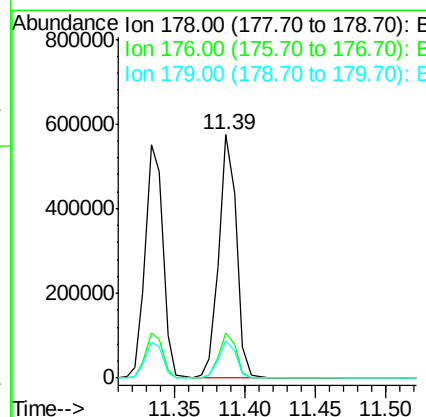
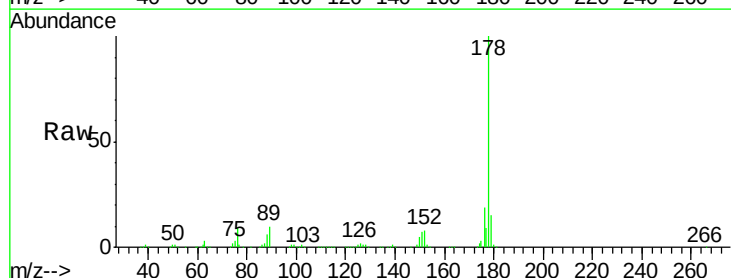
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

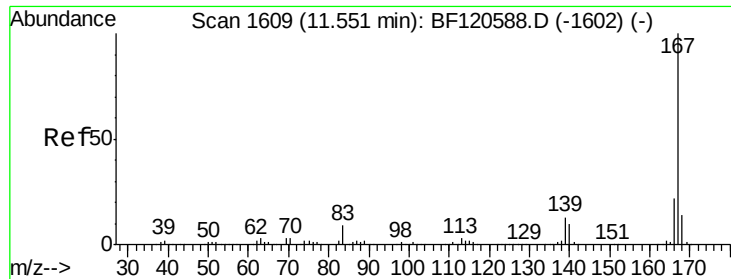
Tot Ion:178 Resp: 487375
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 15.6 12.8 19.2



#72
Anthracene
Concen: 17.424 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion:178 Resp: 501404
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.2 12.9 19.3

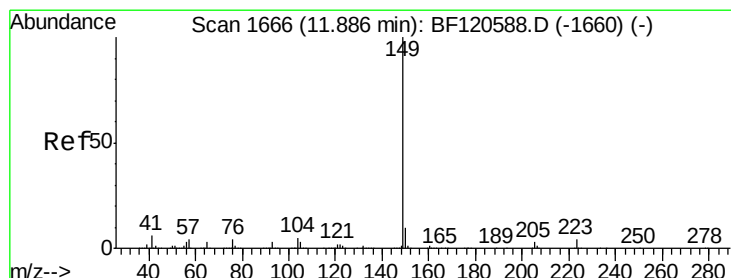
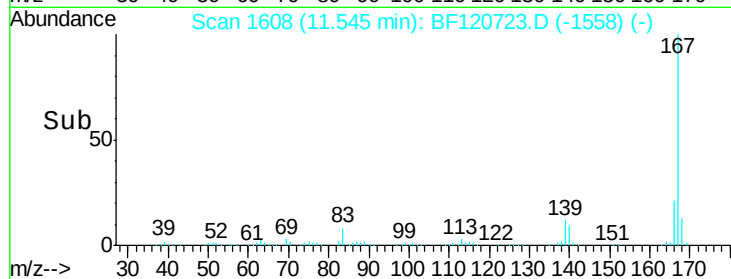
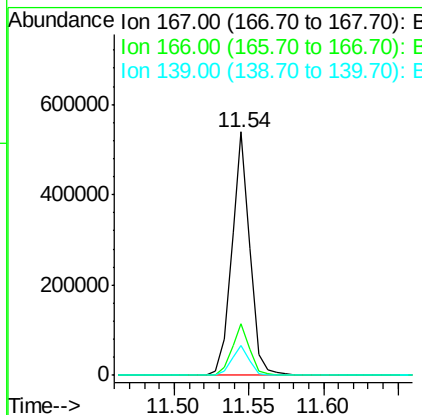
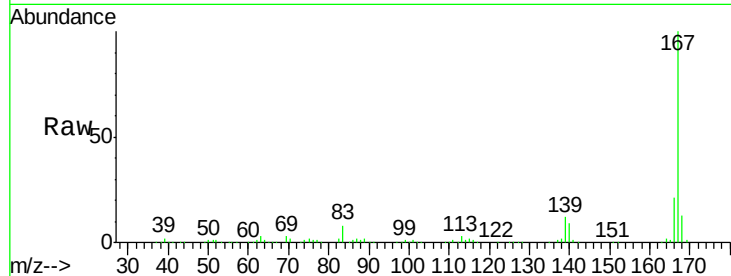




#73
 Carbazole
 Concen: 16.148 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

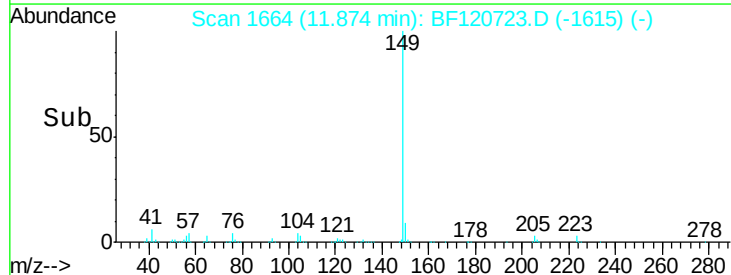
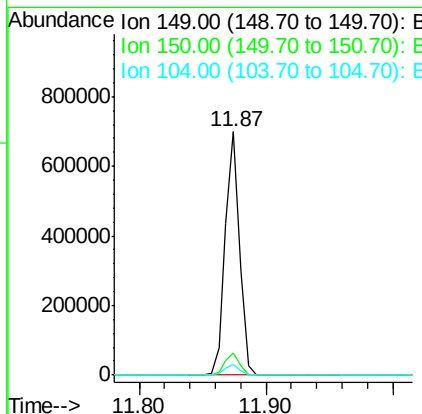
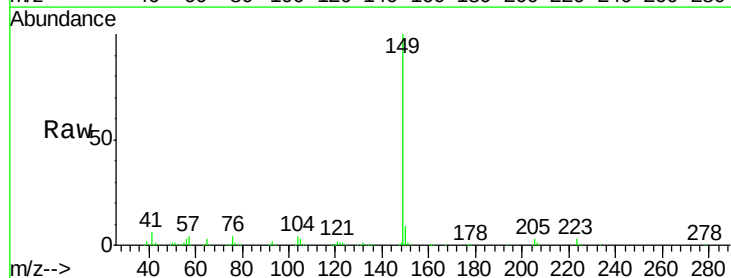
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

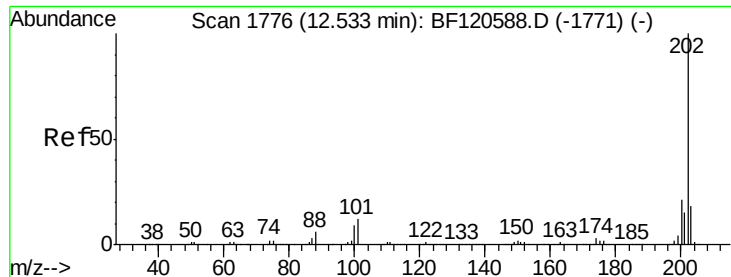
Tot Ion:167 Resp: 459986
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.0 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 17.120 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion:149 Resp: 548281
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.3 3.7 5.5

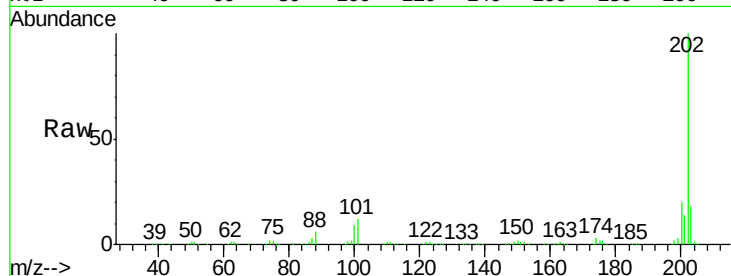




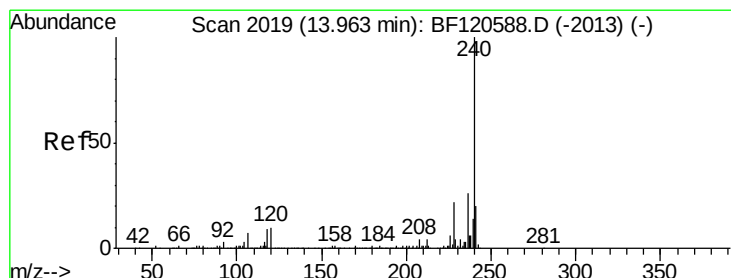
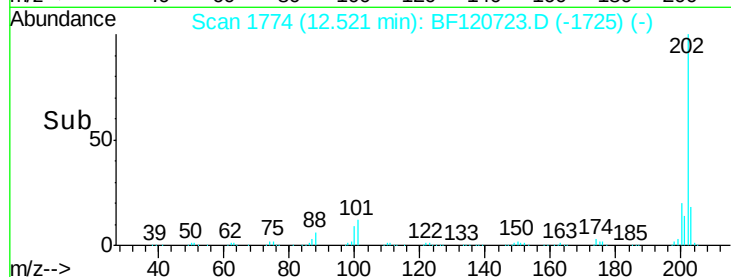
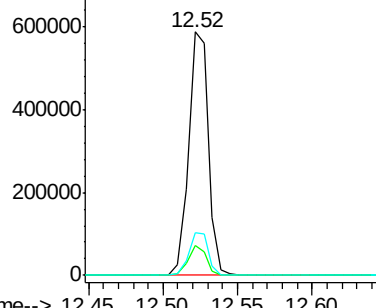
#75
 Fluoranthene
 Concen: 16.705 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.0
203	17.7	0.0	38.3

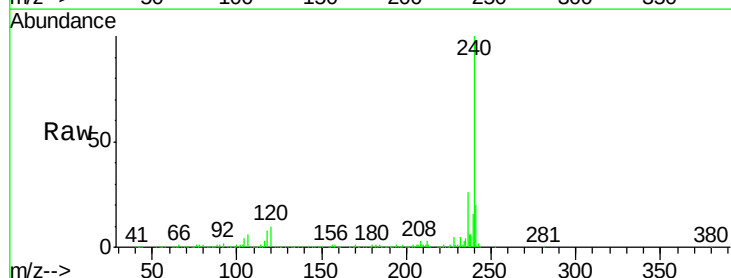


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

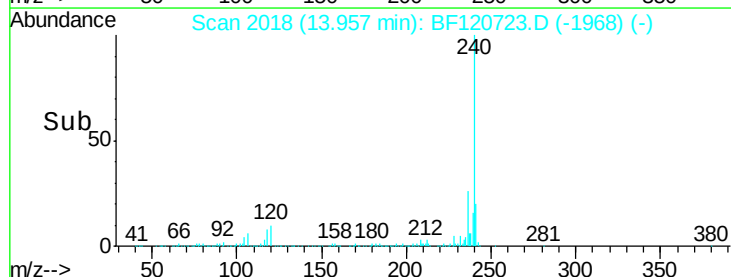
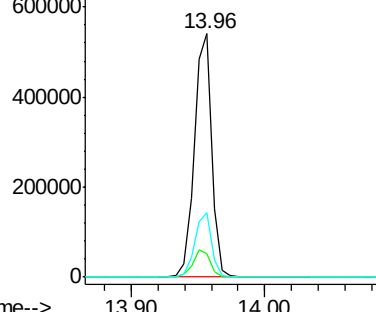


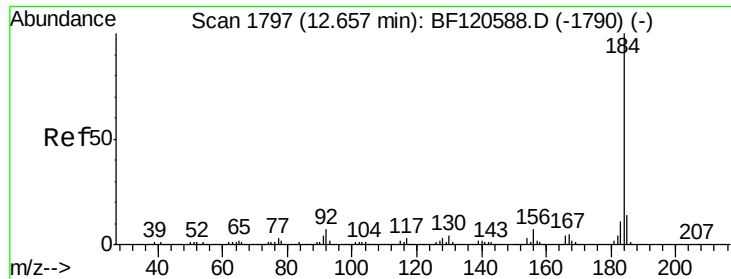
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.4	21.0	31.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.377 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

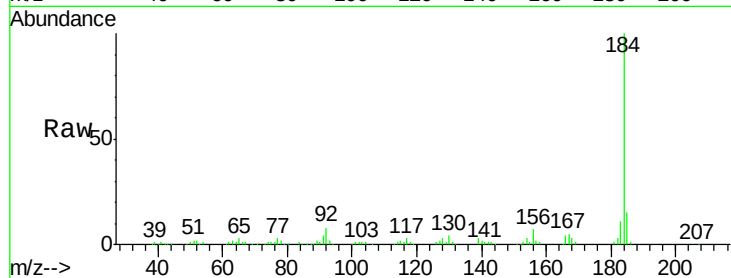
Tot Ion:184 Resp: 140669

Ion Ratio Lower Upper

184 100

185 14.6 11.4 17.0

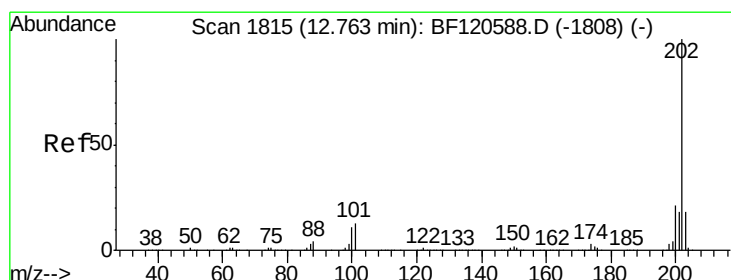
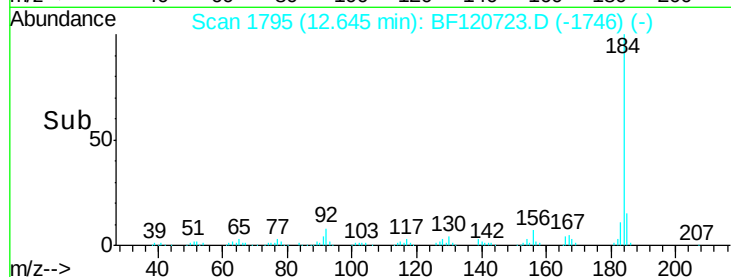
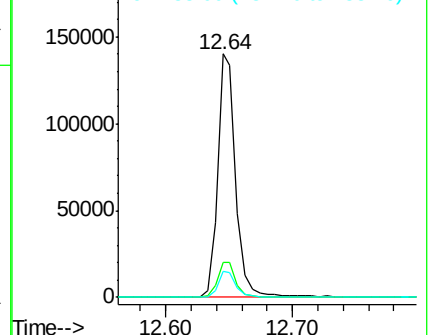
183 10.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 15.737 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

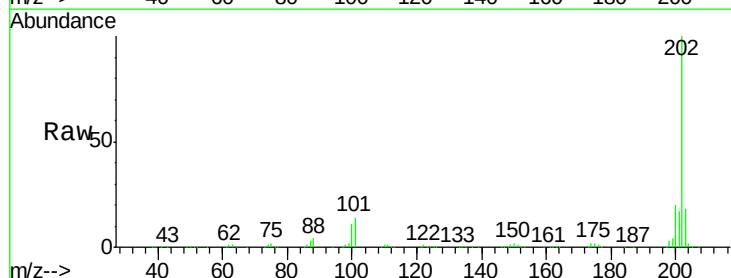
Tgt Ion:202 Resp: 553528

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

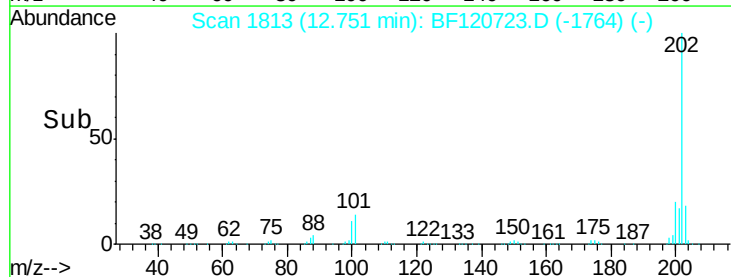
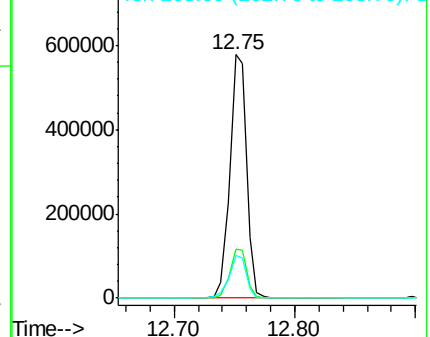
203 17.5 14.3 21.5

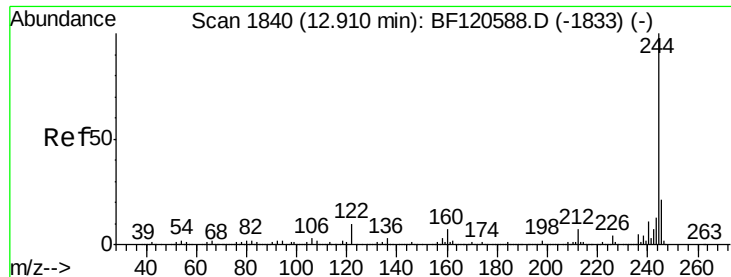


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 34.129 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

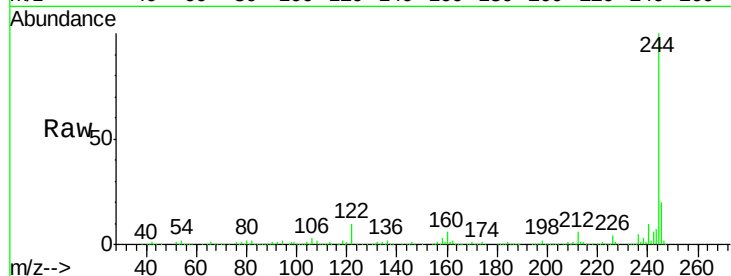
Tot Ion:244 Resp: 767157

Ion Ratio Lower Upper

244 100

212 6.3 5.7 8.5

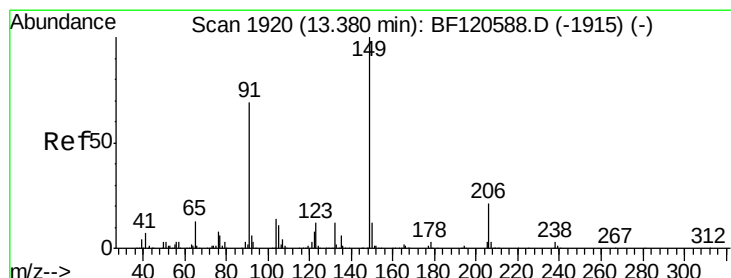
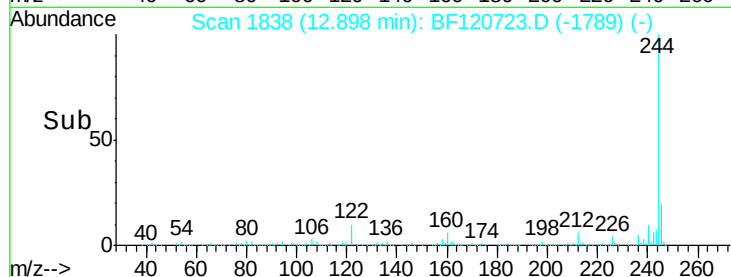
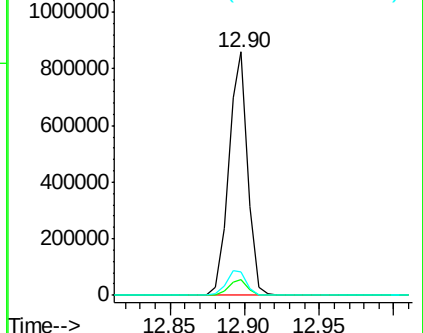
122 9.8 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 15.254 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

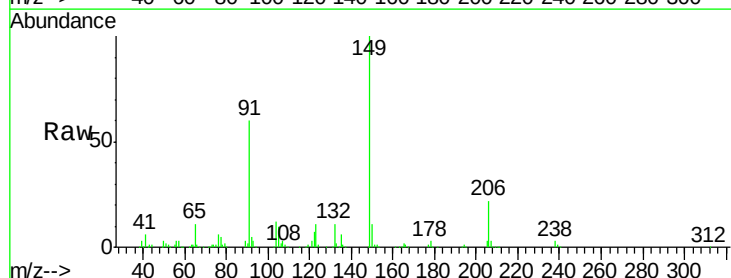
Tgt Ion:149 Resp: 238253

Ion Ratio Lower Upper

149 100

91 60.3 55.4 83.0

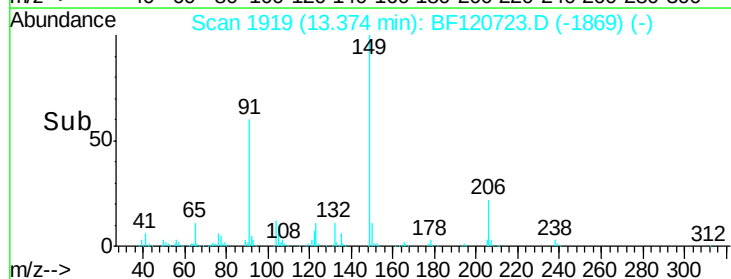
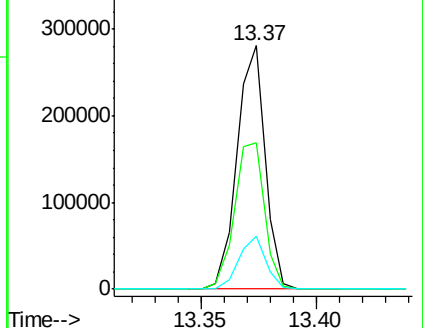
206 21.7 17.0 25.4

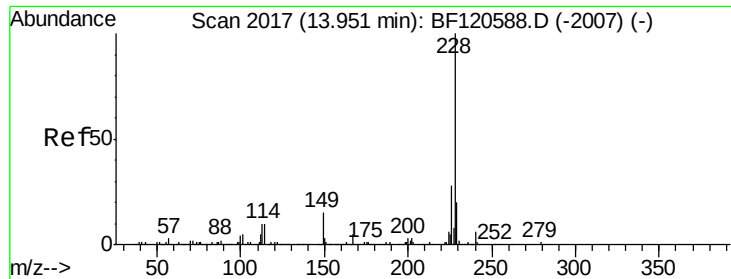


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

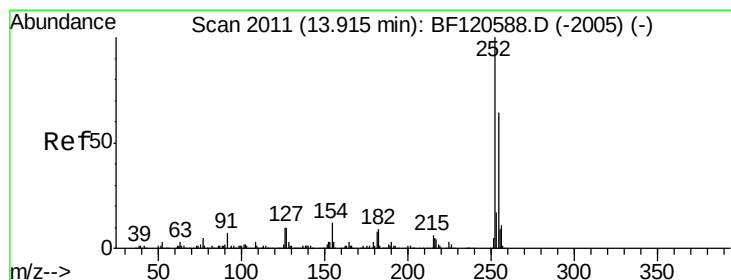
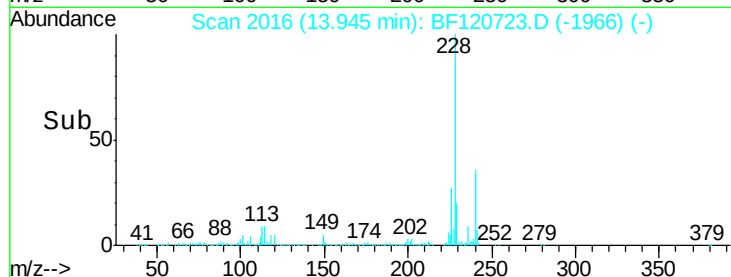
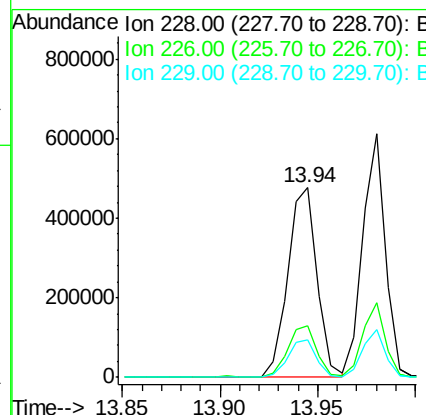
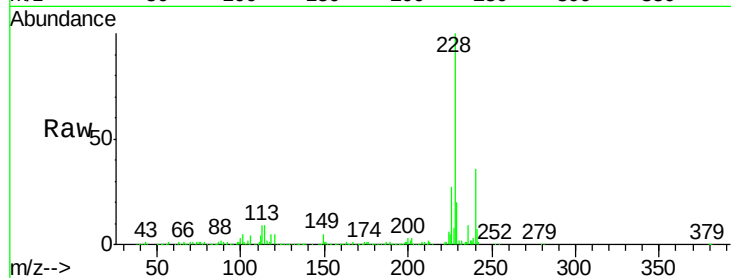




#81
Benzo(a)anthracene
Concen: 16.506 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

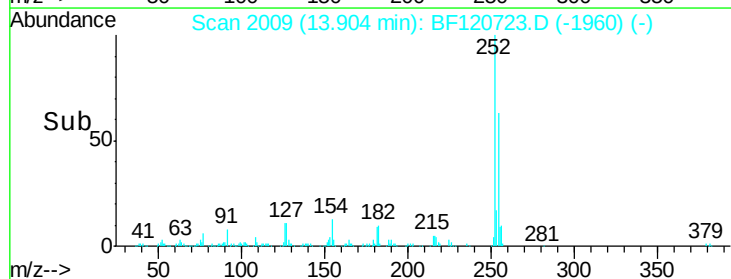
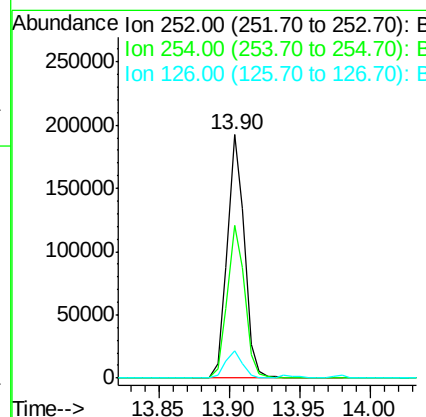
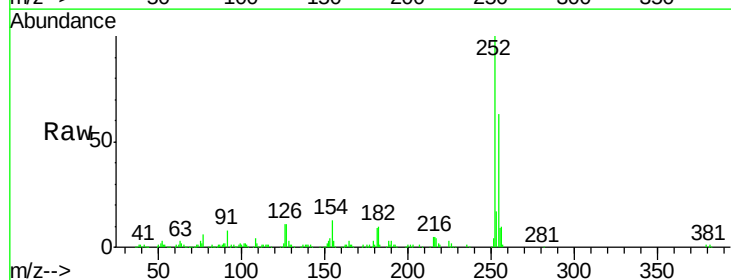
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

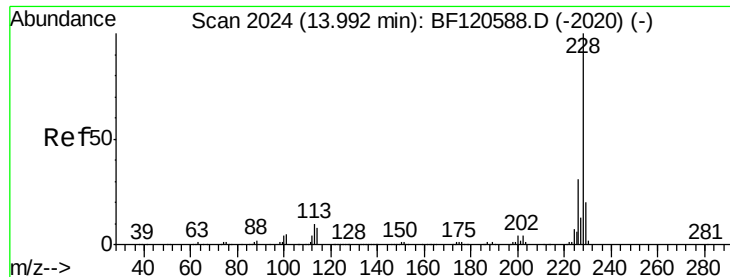
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.5	33.7
229	19.6	16.1	24.1



#82
3,3'-Dichlorobenzidine
Concen: 14.394 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.4	77.2
126	11.3	7.9	11.9





#83

Chrvsene

Concen: 16.142 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

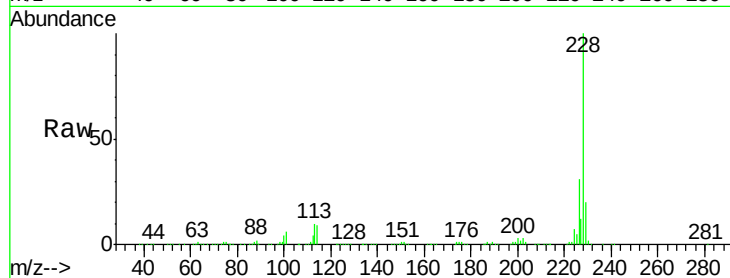
Tot Ion:228 Resp: 493936

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

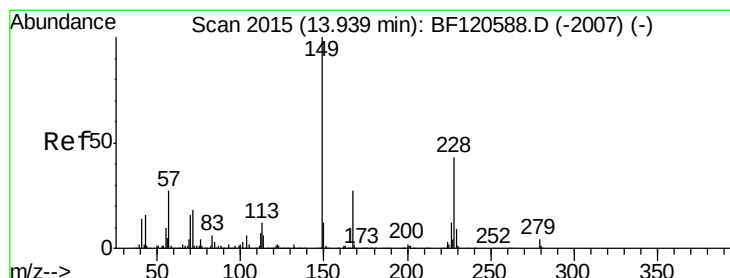
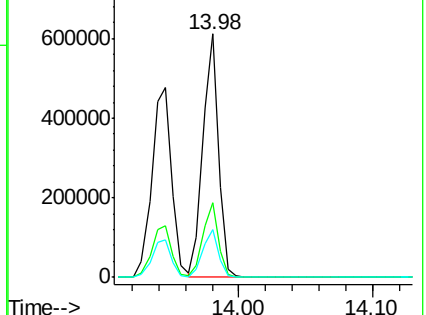
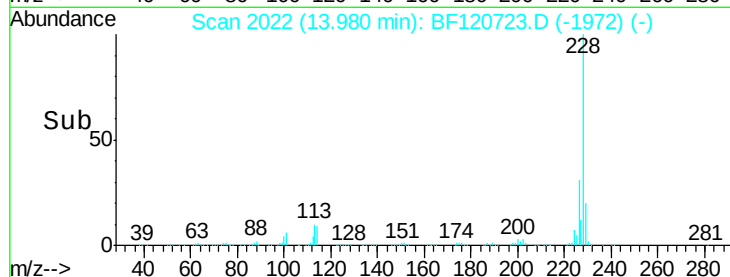
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 17.697 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

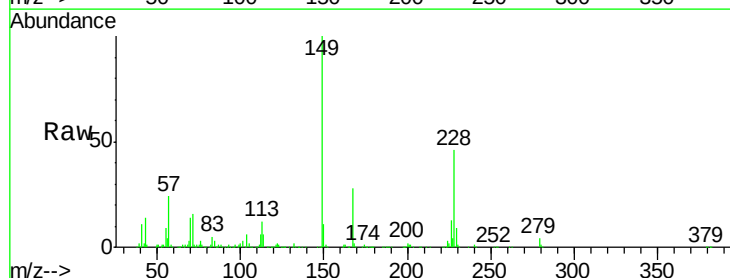
Tgt Ion:149 Resp: 337334

Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

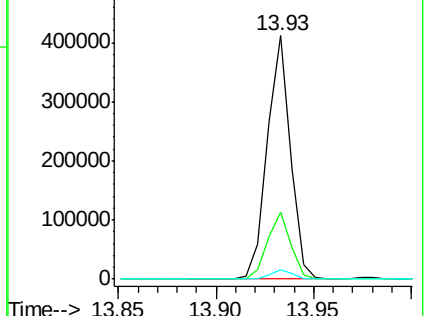
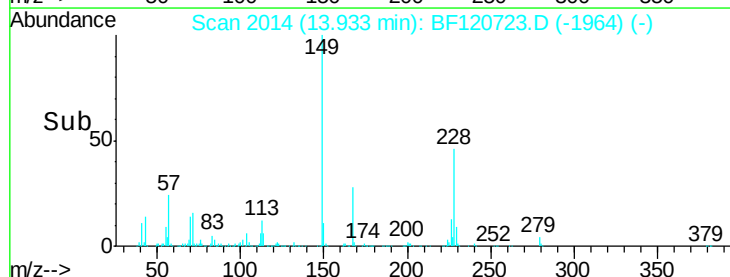
279 3.9 3.0 4.6

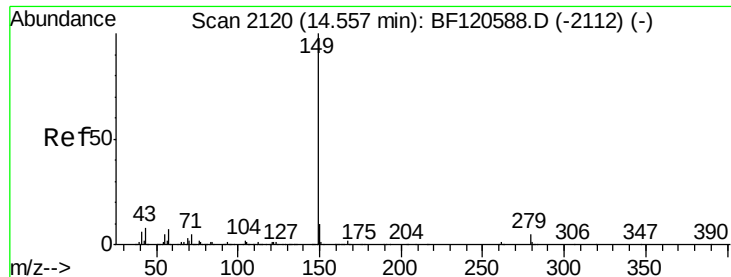


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

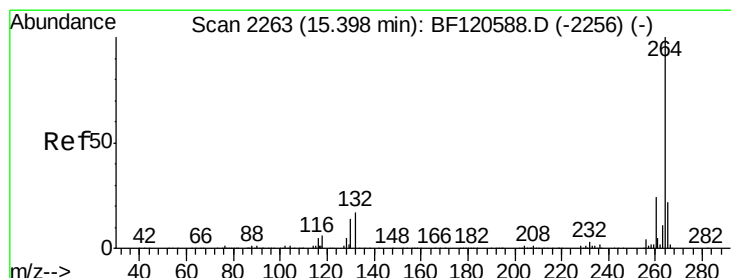
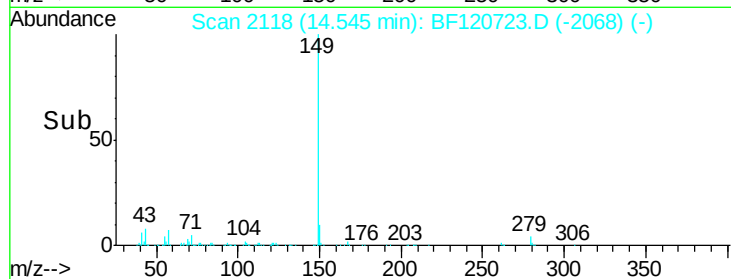
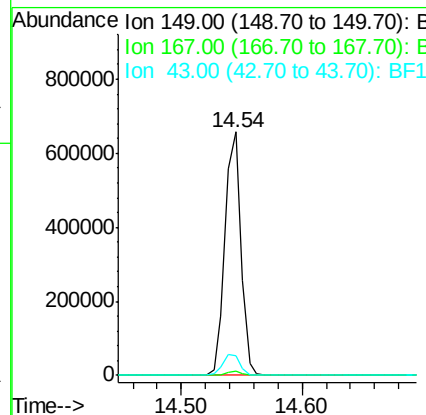
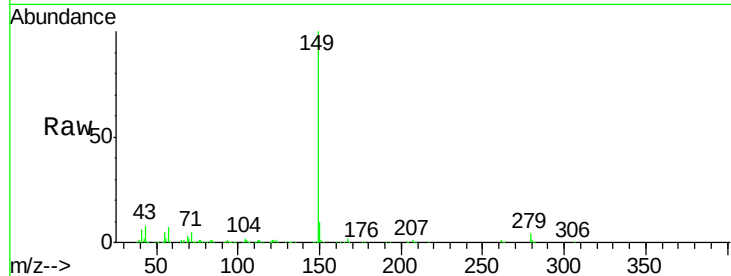




#85
Di-n-octyl phthalate
Concen: 16.389 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

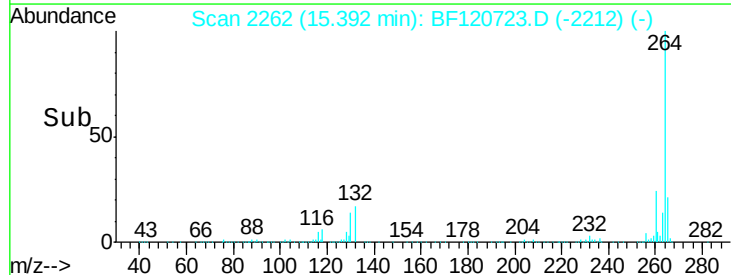
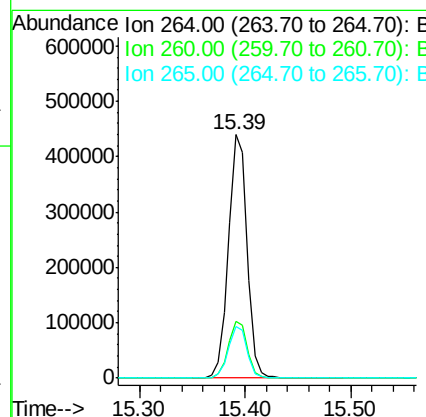
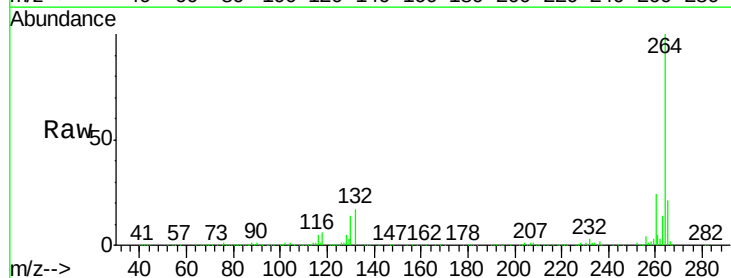
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

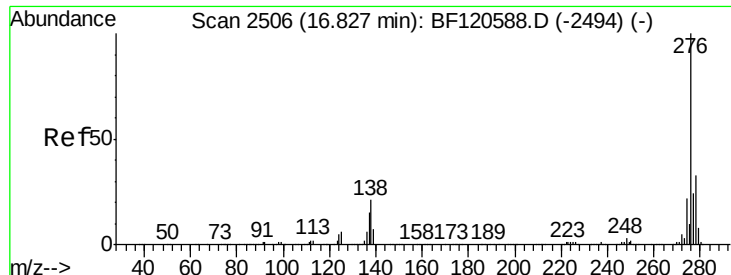
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.9	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	21.4	17.8	26.8

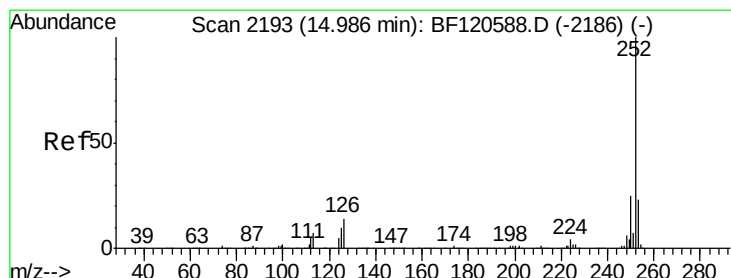
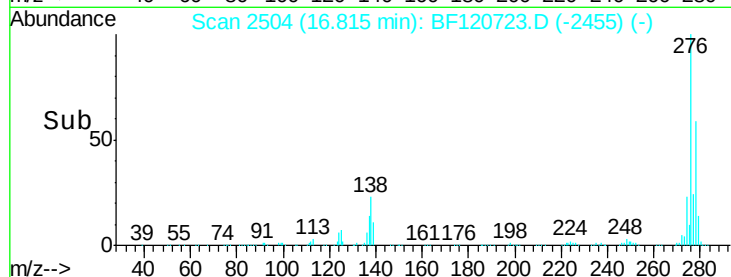
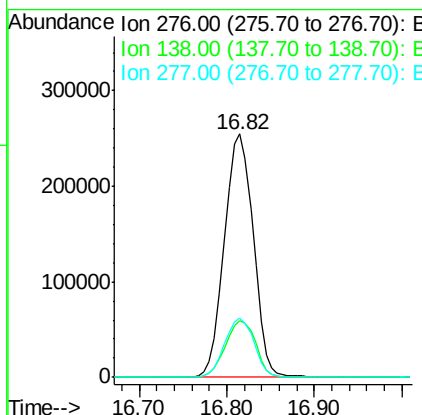
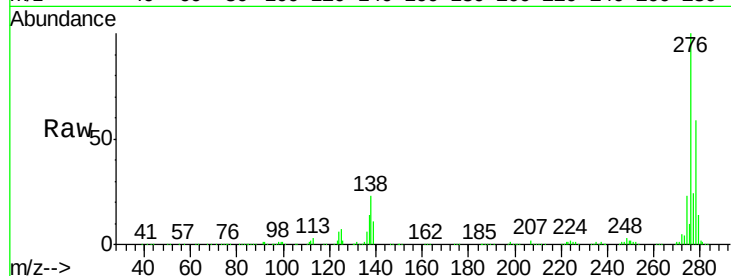




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 17.597 ng
 RT: 16.82 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

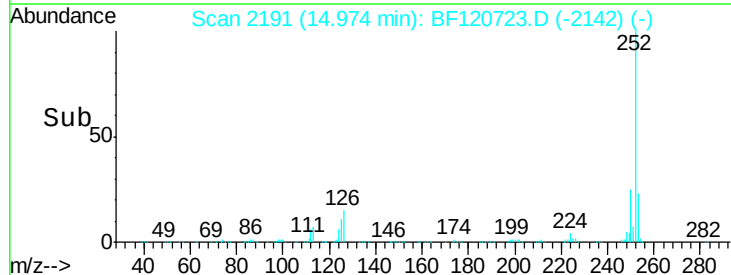
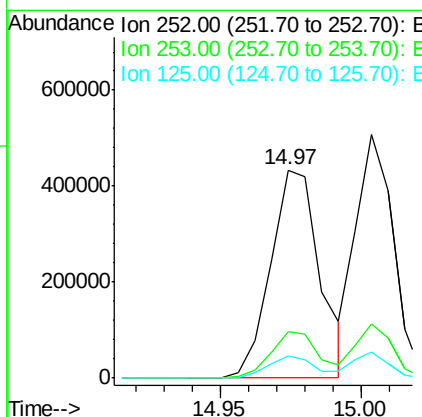
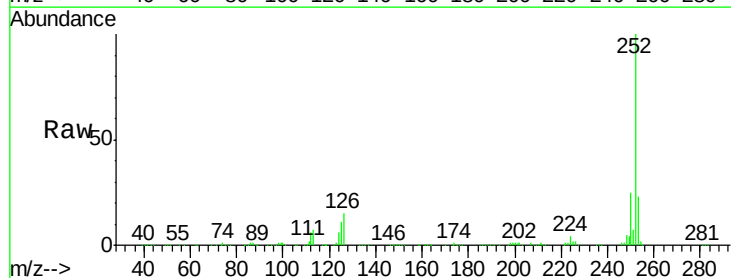
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MSD

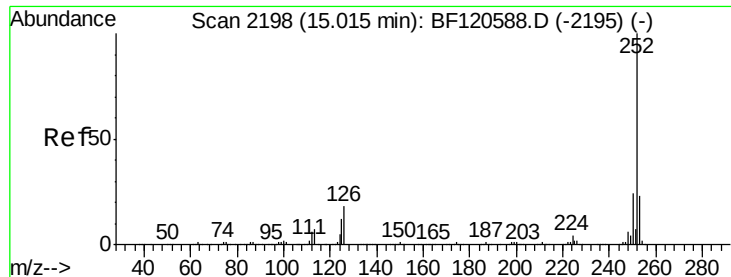
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	24.8	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 16.458 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120723.D
 Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.9	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 16.721 ng

RT: 15.00 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MSD

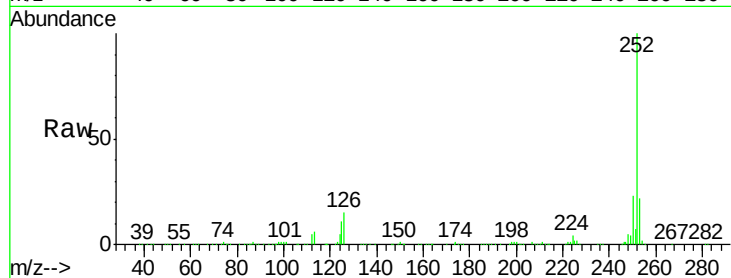
Tot Ion:252 Resp: 472921

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

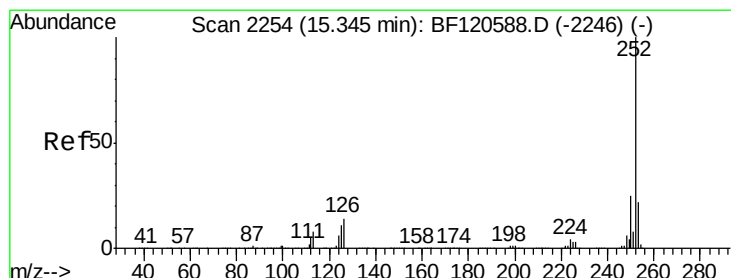
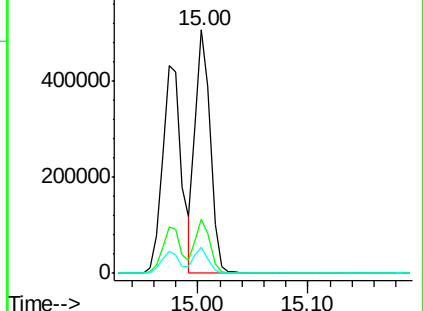
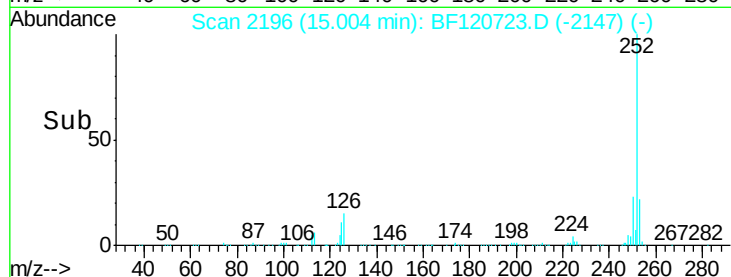
125 10.6 8.3 12.5



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



#90

Benzo(a)pyrene

Concen: 15.943 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.01 min

Lab File: BF120723.D

Acq: 26 Jun 2020 21:53

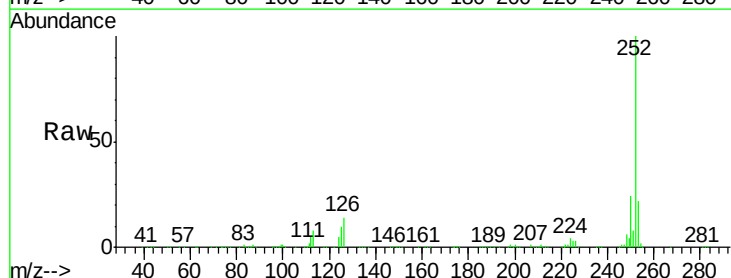
Tgt Ion:252 Resp: 456051

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

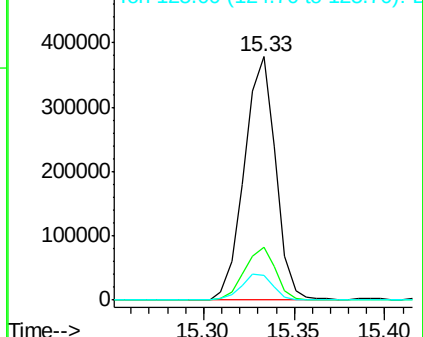
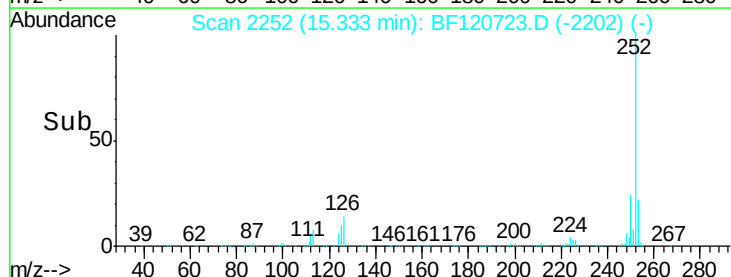
125 10.4 8.6 12.8

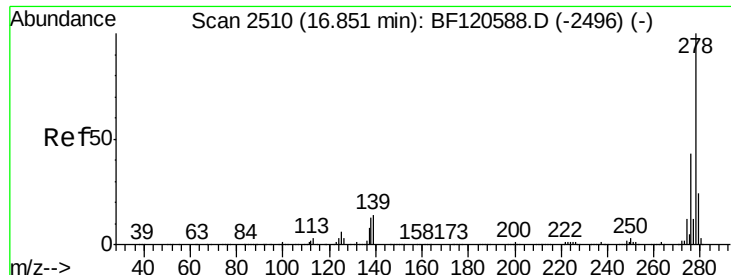


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

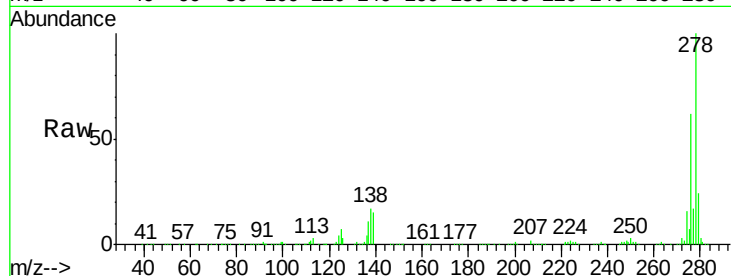




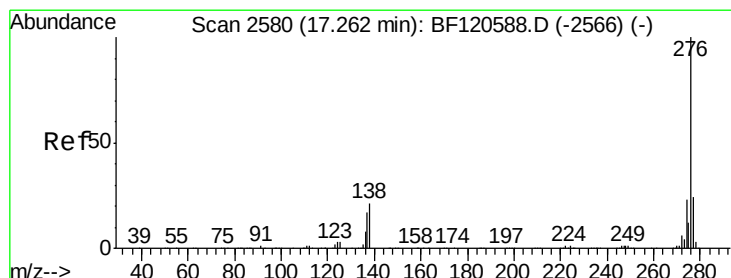
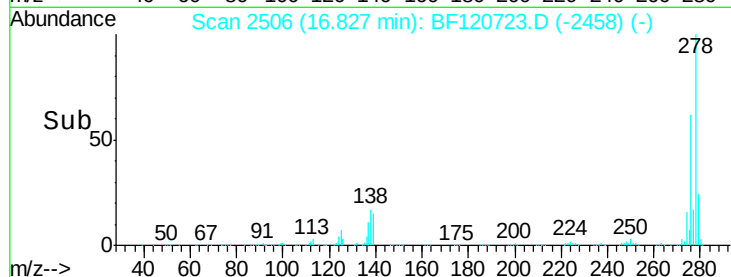
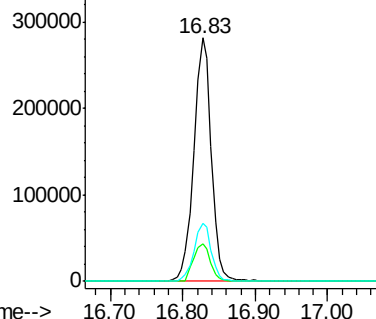
#91
Dibenzo(a,h)anthracene
Concen: 18.144 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.02 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.4	17.2
279	23.9	19.1	28.7

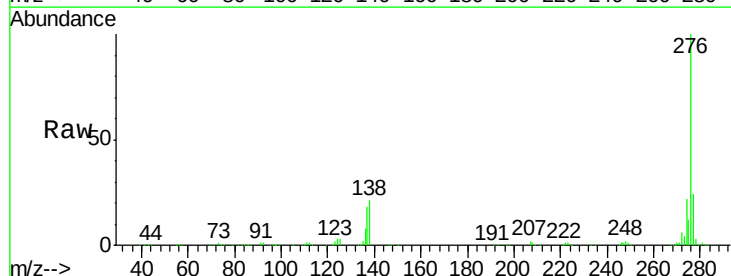


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 17.881 ng
RT: 17.24 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF120723.D
Acq: 26 Jun 2020 21:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	20.8	16.5	24.7



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

