

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120743.D
 Acq On : 29 Jun 2020 22:34
 Operator : JU/CG
 Sample : L2811-04MSDRE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Quant Time: Jun 30 00:37:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	64611	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	254012	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	254541	20.00	ng	0.01
64) Phenanthrene-d10	11.32	188	274326	20.00	ng	0.01
76) Chrysene-d12	13.97	240	209926	20.00	ng	0.01
86) Perylene-d12	15.41	264	198924	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	516858	137.15	ng	0.09
7) Phenol-d6	6.51	99	568054	121.02	ng	0.08
23) Nitrobenzene-d5	7.37	82	466516	102.66	ng	0.02
42) 2,4,6-Tribromophenol	10.64	330	403904	136.48	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	961470	57.79	ng	0.00
79) Terphenyl-d14	12.91	244	1204868	126.78	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.67	88	142304	79.671	ng	# 85
3) Pyridine	3.39	79	348472	69.401	ng	97
4) n-Nitrosodimethylamine	3.32	42	178423	85.624	ng	100
6) Aniline	6.47	93	163696	27.251	ng	99
8) 2-Chlorophenol	6.62	128	224541	52.726	ng	97
9) Benzaldehyde	6.35	77	49723	16.748	ng	98
10) Phenol	6.52	94	215841	43.099	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	214984	51.538	ng	99
12) 1,3-Dichlorobenzene	6.74	146	240349	53.088	ng	96
13) 1,4-Dichlorobenzene	6.82	146	246698	55.228	ng	98
14) 1,2-Dichlorobenzene	6.97	146	225449	51.812	ng	98
15) Benzyl Alcohol	6.97	79	186175	55.931	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	271159	45.146	ng	99
17) 2-Methylphenol	7.10	107	174472	48.035	ng	96
18) Hexachloroethane	7.31	117	81236	49.354	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	157897	57.993	ng	98
20) 3+4-Methylphenols	7.26	107	230415	50.766	ng	# 62
22) Acetophenone	7.22	105	315033	55.474	ng	# 90
24) Nitrobenzene	7.39	77	238603	50.174	ng	99
25) Isophorone	7.63	82	421276	47.590	ng	99
26) 2-Nitrophenol	7.70	139	110357	43.865	ng	96
27) 2,4-Dimethylphenol	7.77	122	180676	48.775	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	265134	51.670	ng	99
29) 2,4-Dichlorophenol	7.97	162	195201	51.841	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	219086	52.503	ng	99
31) Naphthalene	8.10	128	669256	53.657	ng	99
32) Benzoic acid	7.92	122	77387	27.229	ng	92
33) 4-Chloroaniline	8.16	127	134299	23.458	ng	98
34) Hexachlorobutadiene	8.22	225	134182	55.165	ng	99
35) Caprolactam	8.50	113	3284	2.727	ng	94
36) 4-Chloro-3-methylphenol	8.68	107	206479	54.887	ng	92
37) 2-Methylnaphthalene	8.79	142	465220	57.136	ng	97
38) 1-Methylnaphthalene	8.89	142	436387	56.957	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	223135	29.358	ng	99

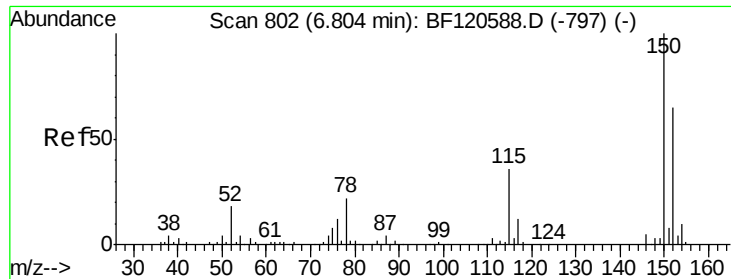
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	113568	26.665	ng	99
43) 2,4,6-Trichlorophenol	9.09	196	145744	27.033	ng	100
44) 2,4,5-Trichlorophenol	9.15	196	144422	23.611	ng	97
46) 1,1'-Biphenyl	9.26	154	569323	29.954	ng	99
47) 2-Chloronaphthalene	9.29	162	443512	28.535	ng	97
48) 2-Nitroaniline	9.40	65	135900	27.840	ng	100
49) Acenaphthylene	9.70	152	1308515	54.551	ng	99
50) Dimethylphthalate	9.56	163	944644	51.529	ng	100
51) 2,6-Dinitrotoluene	9.63	165	205127	49.374	ng	99
52) Acenaphthene	9.87	154	703121	49.149	ng	98
53) 3-Nitroaniline	9.81	138	177346	35.540	ng	95
54) 2,4-Dinitrophenol	9.92	184	67034	29.514	ng	93
55) Dibenzofuran	10.05	168	1041341	47.473	ng	97
56) 4-Nitrophenol	10.05	139	629696	167.550	ng	# 14
57) 2,4-Dinitrotoluene	10.03	165	251366	45.596	ng	# 79
58) Fluorene	10.39	166	1009974	59.727	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	228385	47.460	ng	96
60) Diethylphthalate	10.26	149	909304	50.363	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	493464	56.509	ng	93
62) 4-Nitroaniline	10.43	138	284708	57.471	ng	96
63) Azobenzene	10.54	77	996655	60.812	ng	99
65) 4,6-Dinitro-2-methylphenol	10.44	198	91065	55.323	ng	95
66) n-Nitrosodiphenylamine	10.50	169	938425	111.395	ng	98
67) 4-Bromophenyl-phenylether	10.87	248	276382	88.772	ng	95
68) Hexachlorobenzene	10.94	284	309411	92.434	ng	# 90
69) Atrazine	11.03	200	236795	90.834	ng	97
70) Pentachlorophenol	11.14	266	193926	104.205	ng	97
71) Phenanthrene	11.35	178	741684	54.389	ng	99
72) Anthracene	11.40	178	767975	55.871	ng	99
73) Carbazole	11.57	167	691817	50.844	ng	99
74) Di-n-butylphthalate	11.89	149	884852	57.844	ng	99
75) Fluoranthene	12.54	202	823306	52.806	ng	99
77) Benzidine	12.66	184	236215	33.272	ng	98
78) Pyrene	12.77	202	809124	54.408	ng	99
80) Butylbenzylphthalate	13.39	149	379123	57.412	ng	99
81) Benzo(a)anthracene	13.96	228	708075	56.142	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	226113	46.937	ng	99
83) Chrysene	14.00	228	686712	53.081	ng	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	537365	66.678	ng	98
85) Di-n-octyl phthalate	14.55	149	892208	58.009	ng	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	632875	52.303	ng	98
88) Benzo(b)fluoranthene	15.00	252	667902	56.366	ng	98
89) Benzo(k)fluoranthene	15.03	252	633735	60.441	ng	99
90) Benzo(a)pyrene	15.36	252	574868	54.208	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	535432	55.181	ng	98
92) Benzo(g,h,i)perylene	17.29	276	499858	51.108	ng	95

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

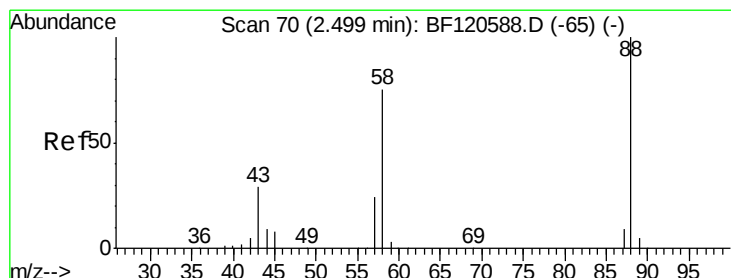
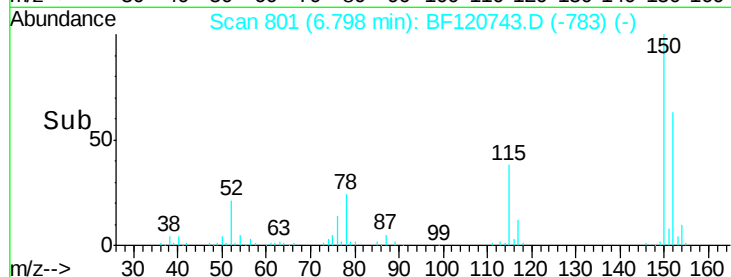
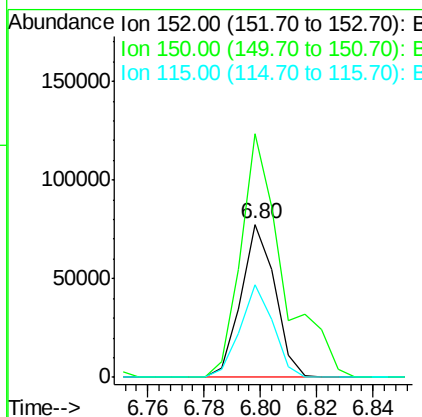
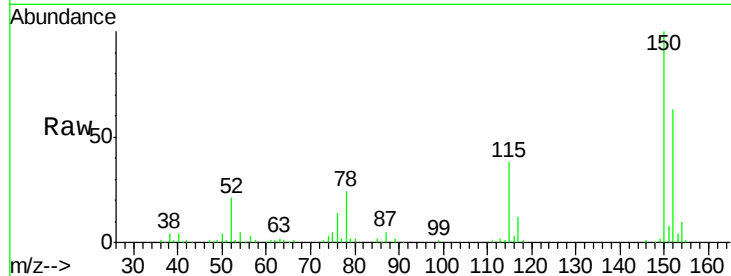


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

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CL-01-062420MS

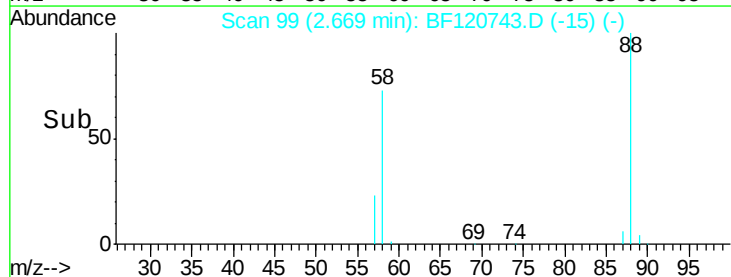
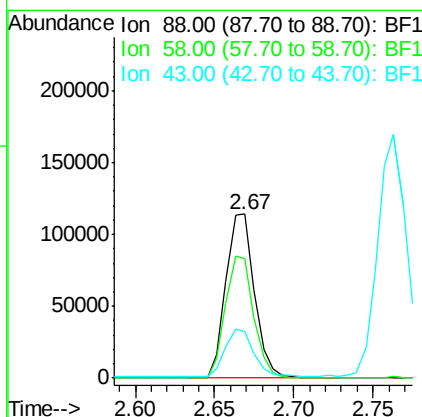
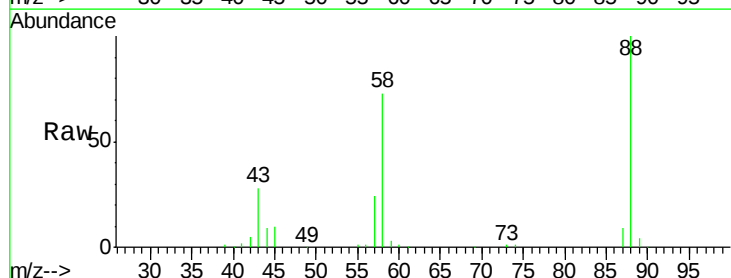
Tot Ion:152 Resp: 64611
Ion Ratio Lower Upper
152 100
150 158.9 124.6 187.0
115 60.0 44.2 66.4

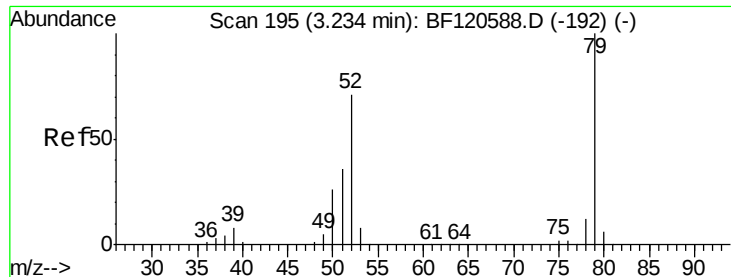


#2

1,4-Dioxane
Concen: 79.671 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.19 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion: 88 Resp: 142304
Ion Ratio Lower Upper
88 100
58 74.1 58.5 87.7
43 0.0 21.8 32.8#





#3

Pvridine

Concen: 69.401 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.18 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

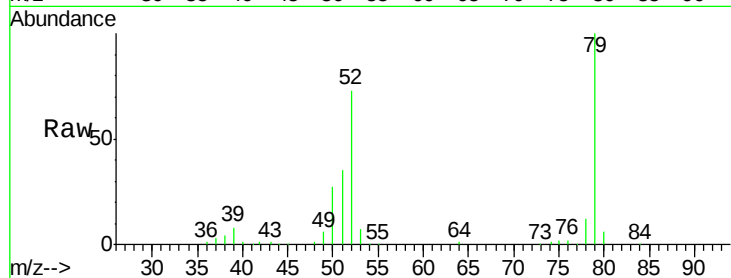
Tot Ion: 79 Resp: 348472

Ion Ratio Lower Upper

79 100

52 73.2 56.6 84.8

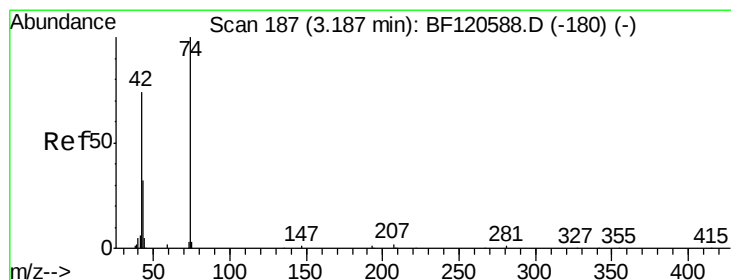
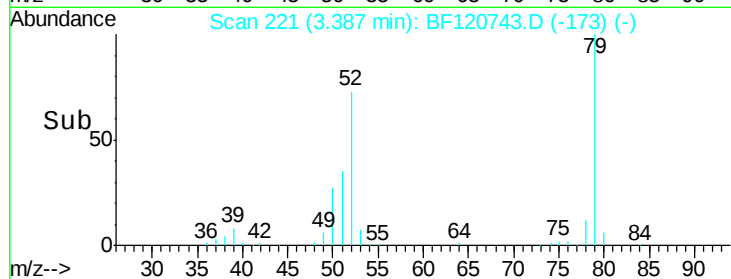
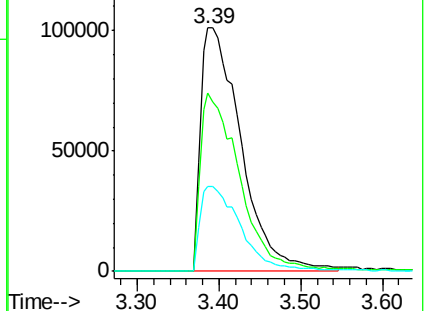
51 35.0 27.4 41.0



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: 85.624 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.16 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

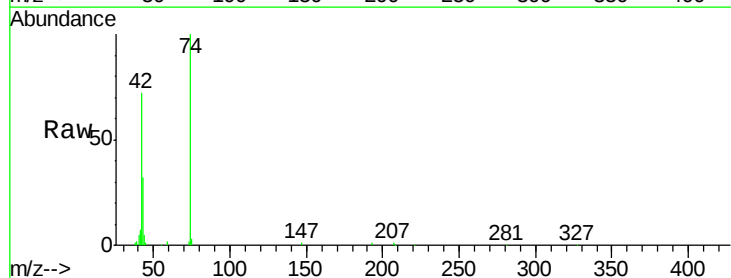
Tgt Ion: 42 Resp: 178423

Ion Ratio Lower Upper

42 100

74 138.3 110.7 166.1

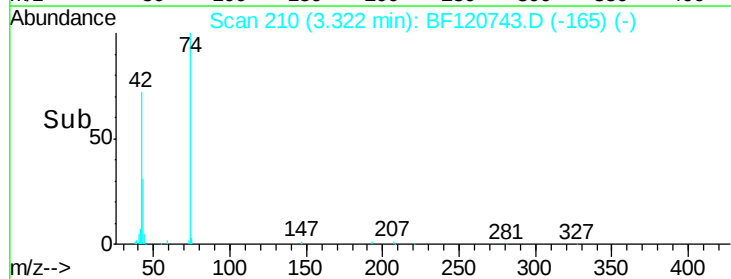
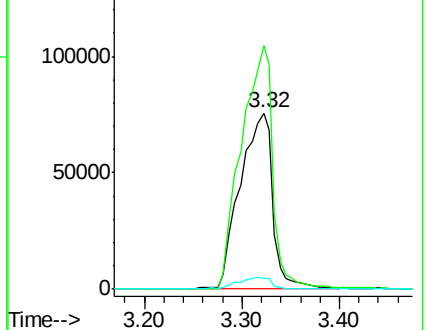
44 6.3 5.6 8.4

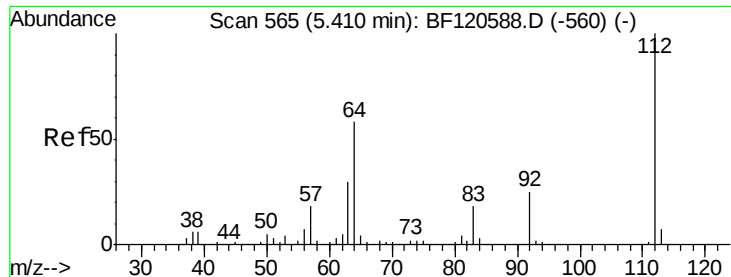


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 137.148 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.09 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

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ClientSampleId :

CL-01-062420MS

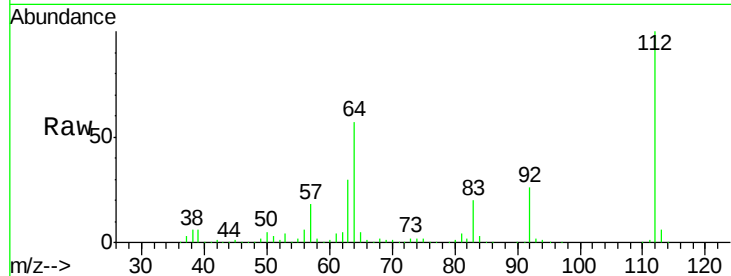
Tot Ion:112 Resp: 516858

Ion Ratio Lower Upper

112 100

64 57.0 42.2 63.2

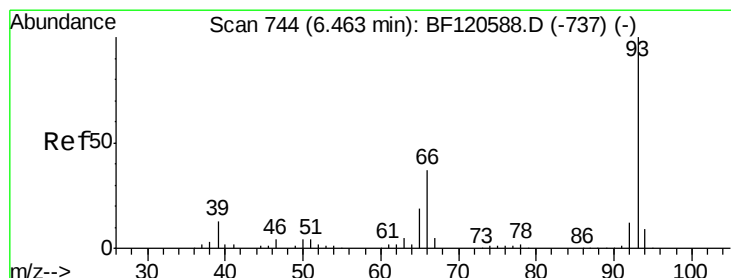
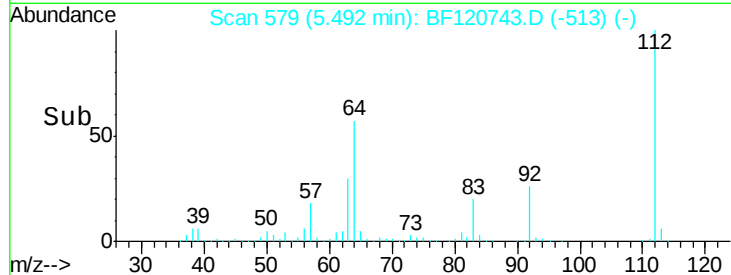
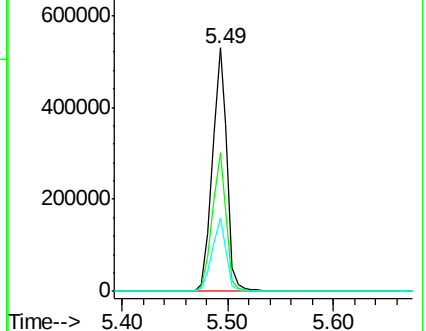
63 30.4 21.7 32.5



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: 27.251 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

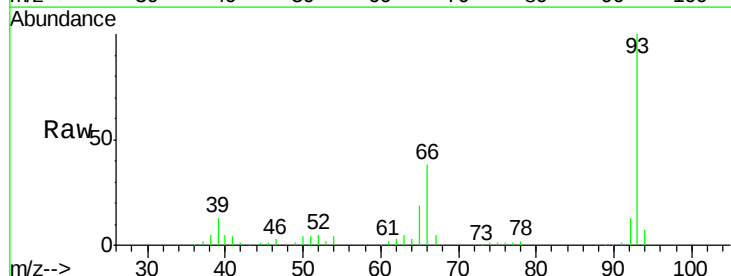
Tgt Ion: 93 Resp: 163696

Ion Ratio Lower Upper

93 100

66 38.1 29.5 44.3

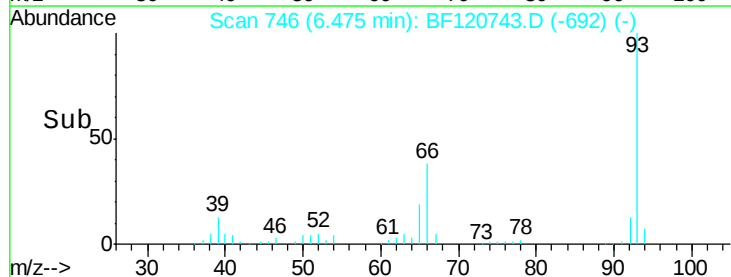
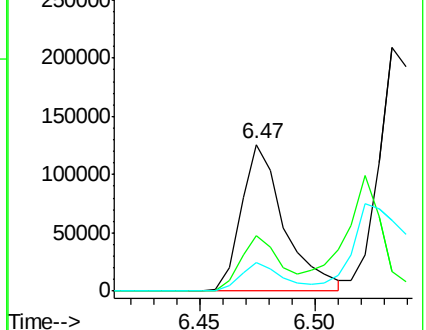
65 19.3 15.5 23.3

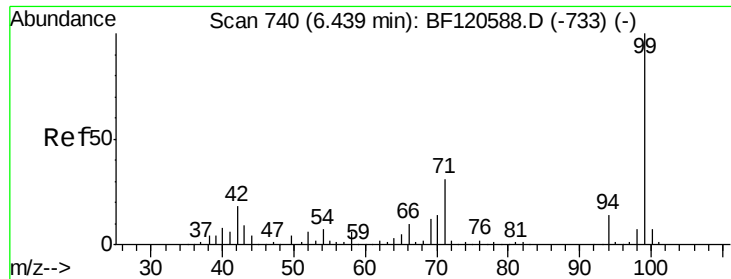


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.022 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120743.D

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CL-01-062420MS

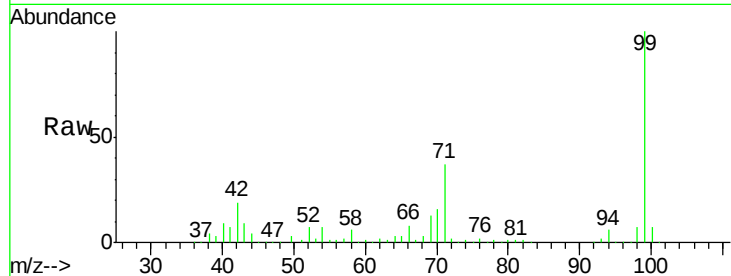
Tot Ion: 99 Resp: 568054

Ion Ratio Lower Upper

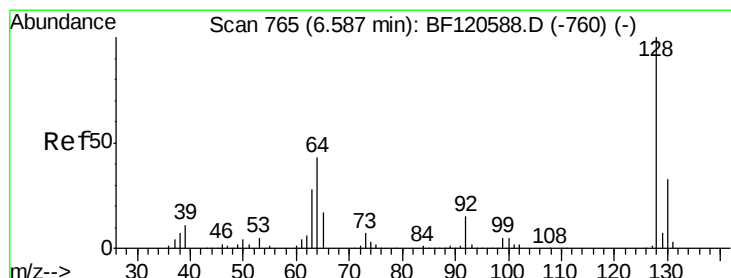
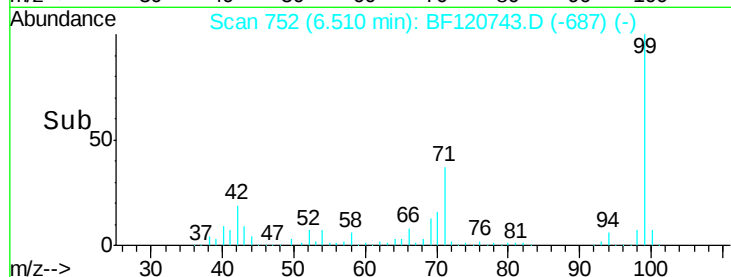
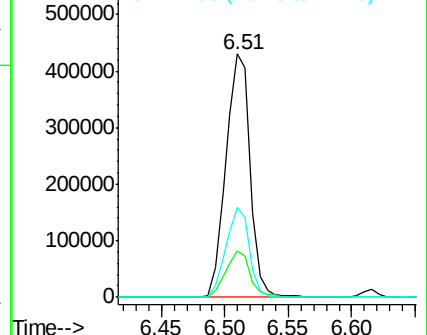
99 100

42 19.1 14.2 21.4

71 37.0 25.4 38.2



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: 52.726 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

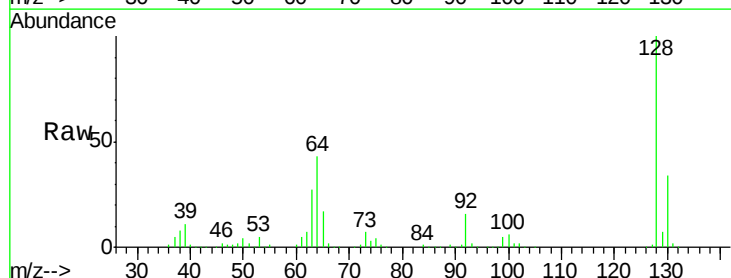
Tgt Ion: 128 Resp: 224541

Ion Ratio Lower Upper

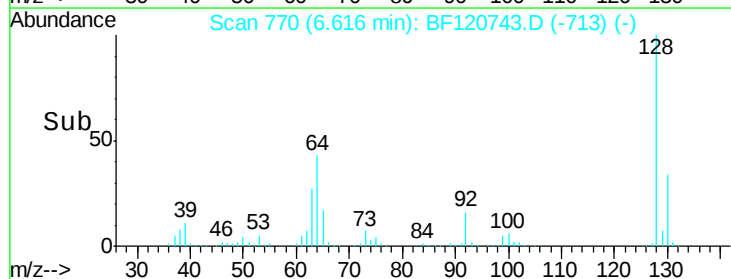
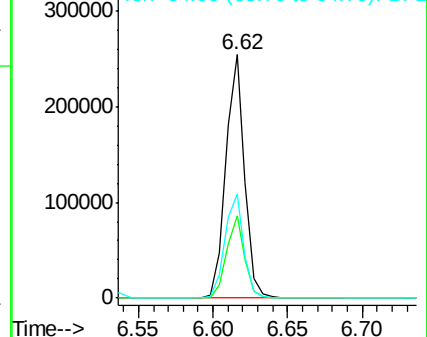
128 100

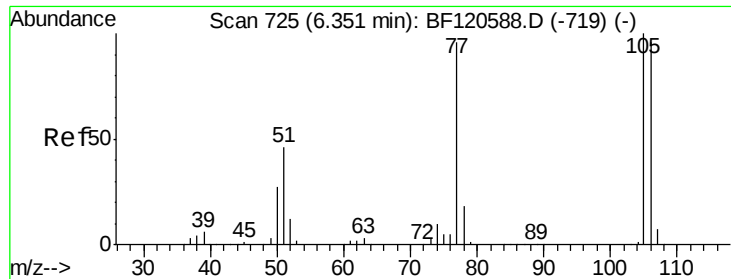
130 33.6 13.3 53.3

64 42.8 19.2 59.2



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

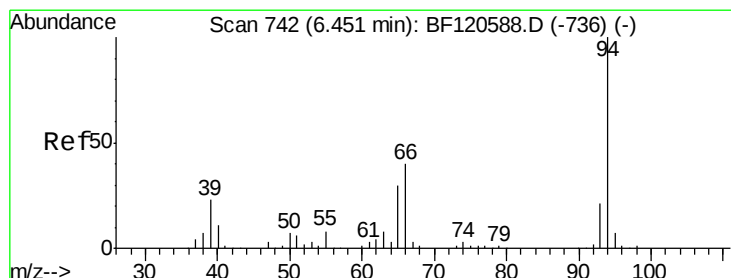
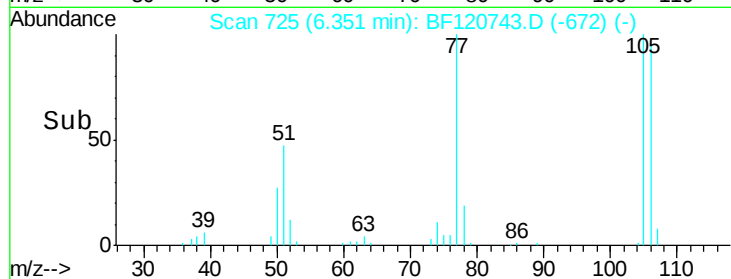
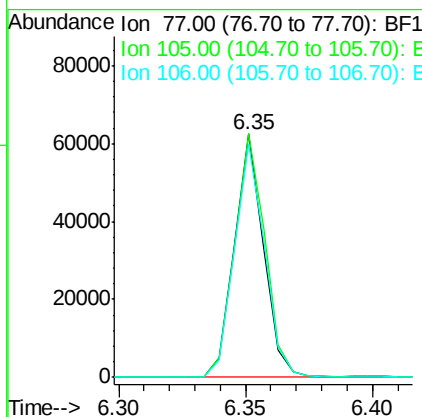
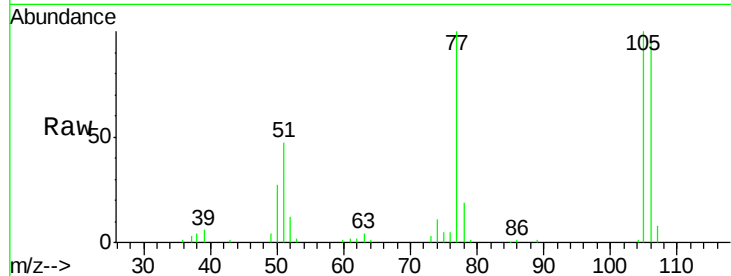




#9
Benzaldehyde
Concen: 16.748 ng
RT: 6.35 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

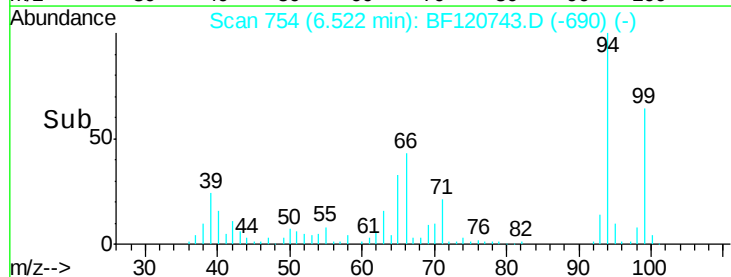
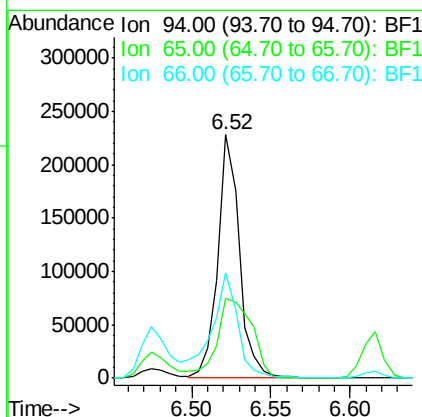
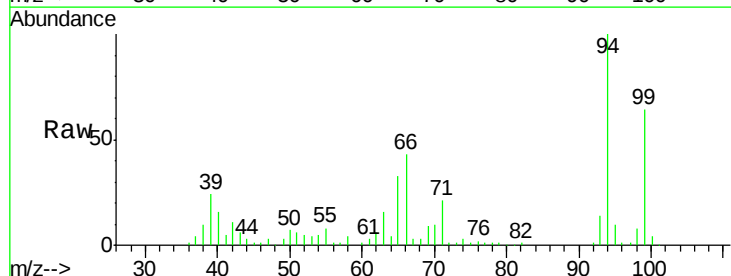
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

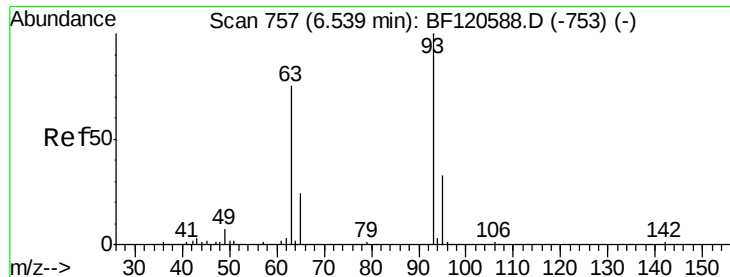
Tot Ion: 77 Resp: 49723
Ion Ratio Lower Upper
77 100
105 99.9 80.8 120.8
106 95.7 78.1 118.1



#10
Phenol
Concen: 43.099 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.08 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion: 94 Resp: 215841
Ion Ratio Lower Upper
94 100
65 32.8 13.6 53.6
66 43.3 29.2 69.2





#11

bis(2-Chloroethyl)ether

Concen: 51.538 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

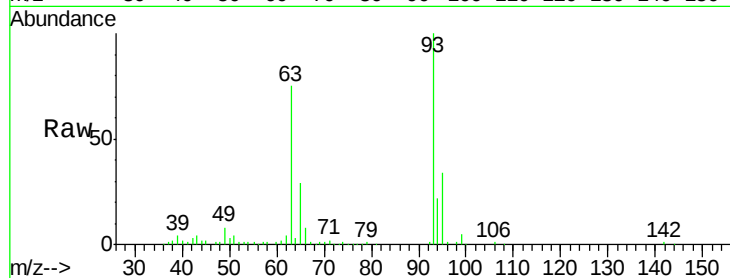
Tot Ion: 93 Resp: 214984

Ion Ratio Lower Upper

93 100

63 74.6 54.8 94.8

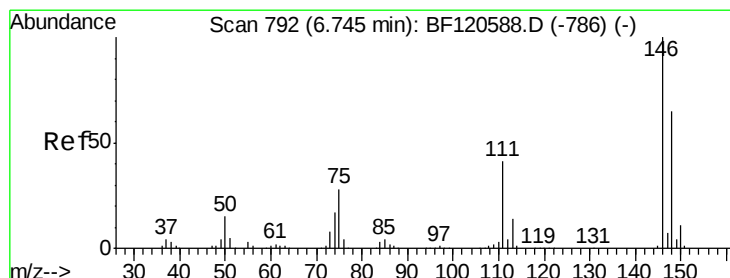
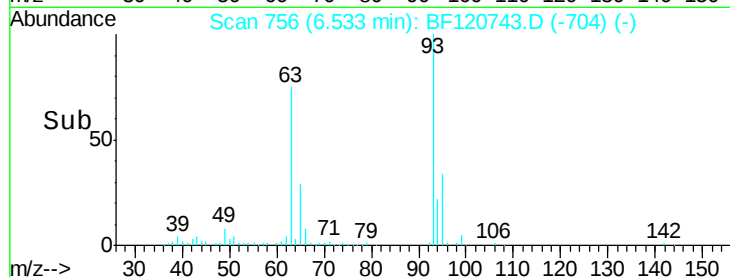
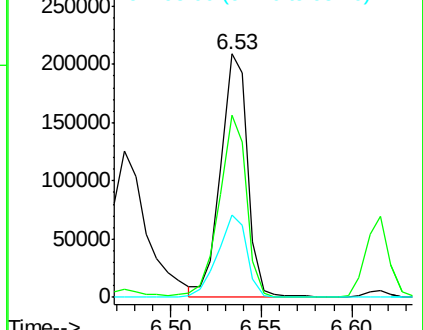
95 33.6 12.1 52.1



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: 53.088 ng

RT: 6.74 min Scan# 791

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

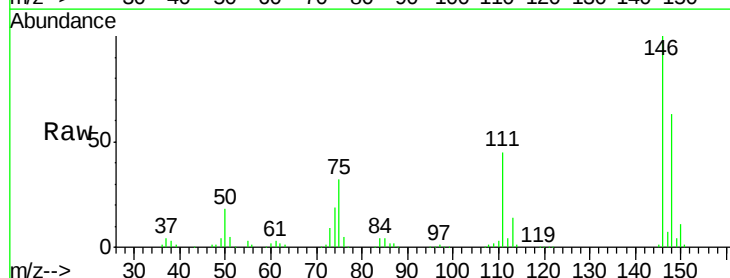
Tgt Ion: 146 Resp: 240349

Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

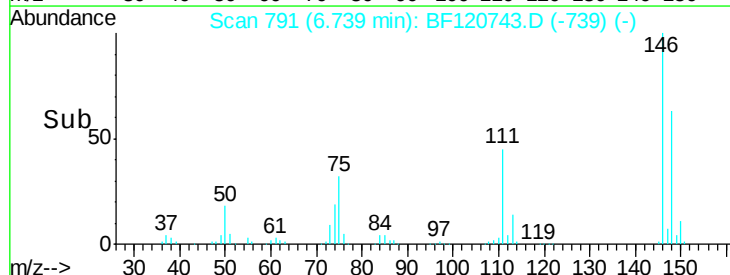
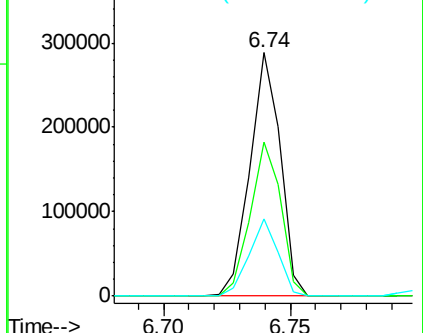
75 31.9 21.5 32.3

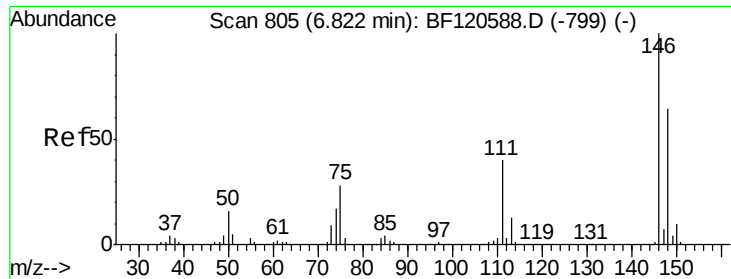


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

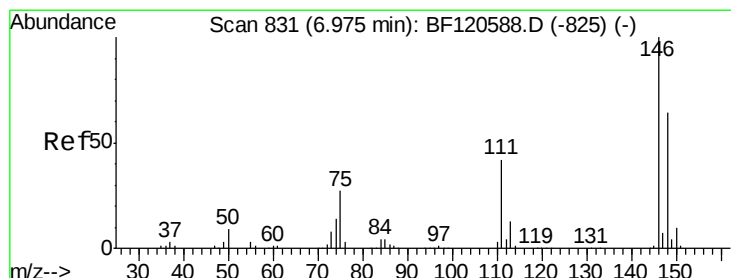
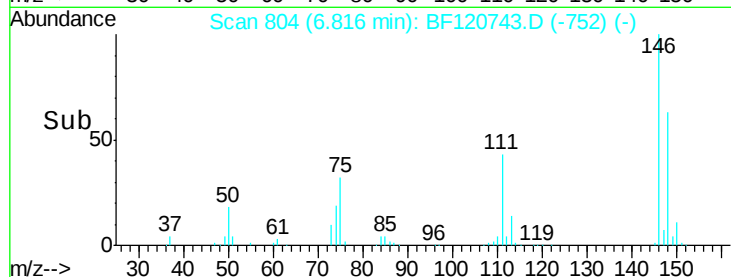
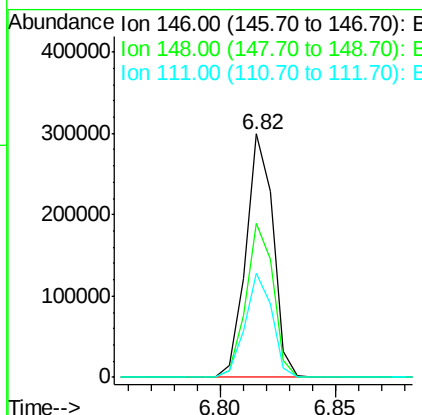
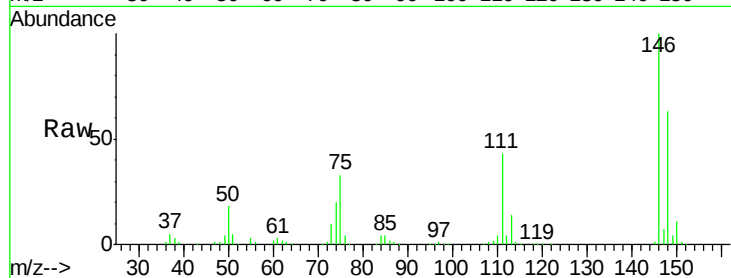




#13
 1,4-Dichlorobenzene
 Concen: 55.228 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

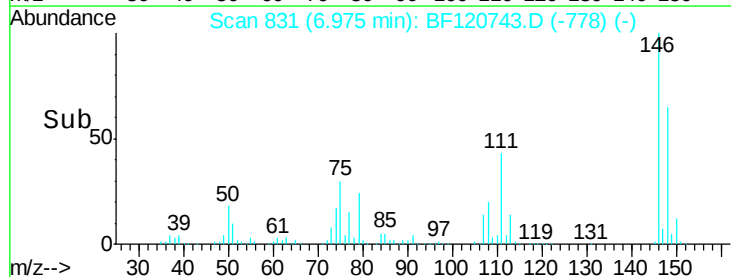
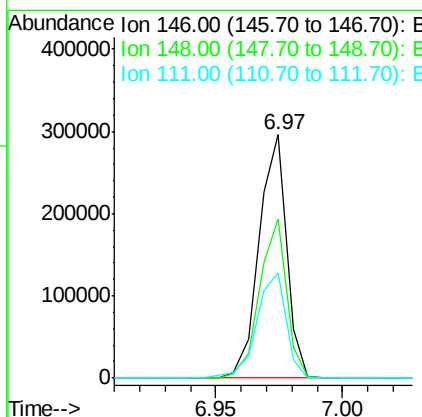
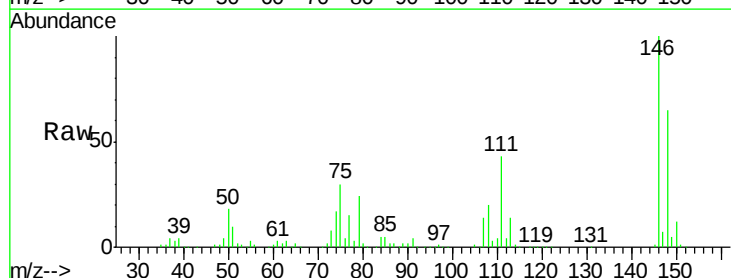
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:146 Resp: 246698
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.0
 111 42.6 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 51.812 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:146 Resp: 225449
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.0 76.6
 111 43.2 33.6 50.4





#15

Benzyl Alcohol

Concen: 55.931 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

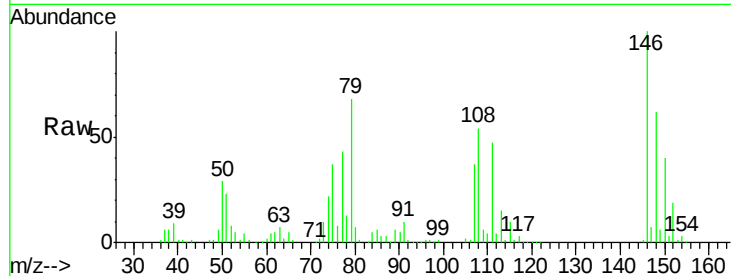
Tot Ion: 79 Resp: 186175

Ion Ratio Lower Upper

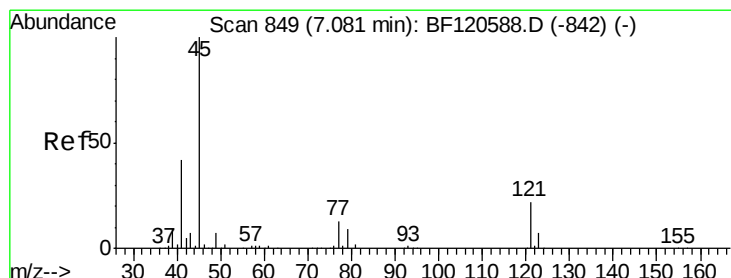
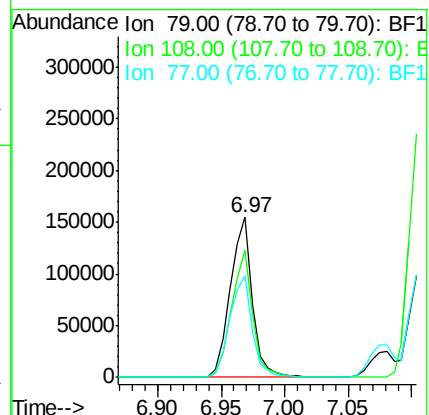
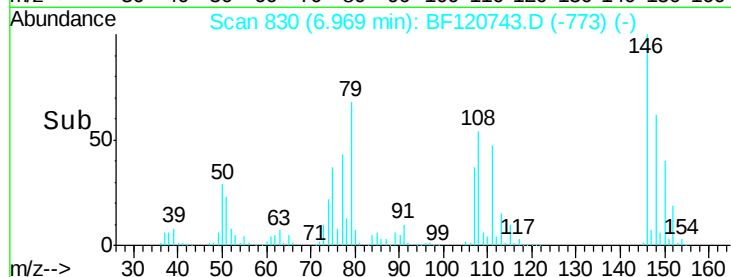
79 100

108 79.4 66.1 99.1

77 63.6 49.8 74.6



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.146 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

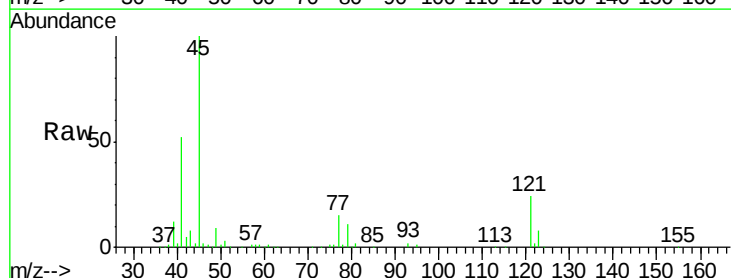
Tgt Ion: 45 Resp: 271159

Ion Ratio Lower Upper

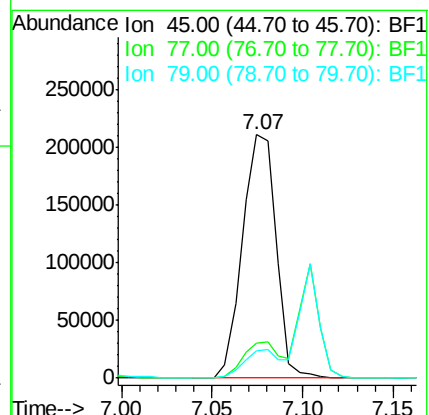
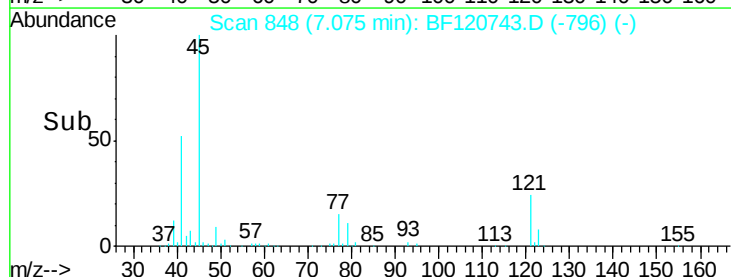
45 100

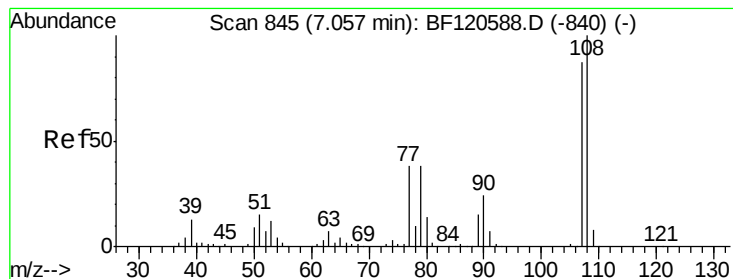
77 14.6 0.0 34.9

79 11.2 0.0 31.4



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 48.035 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.05 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:107 Resp: 174472

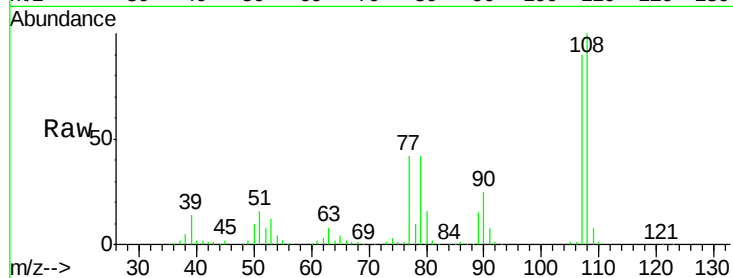
Ion Ratio Lower Upper

107 100

108 111.6 90.7 136.1

77 47.2 35.0 52.4

79 46.8 33.6 50.4

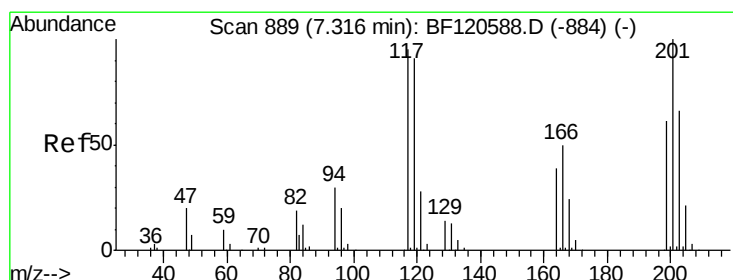
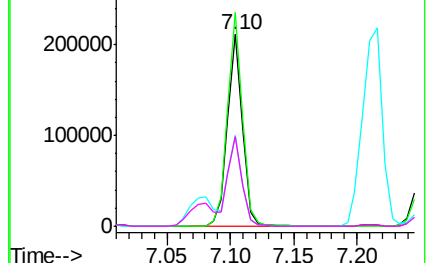
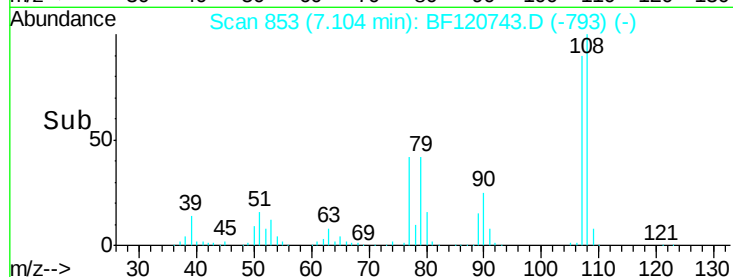


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.354 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

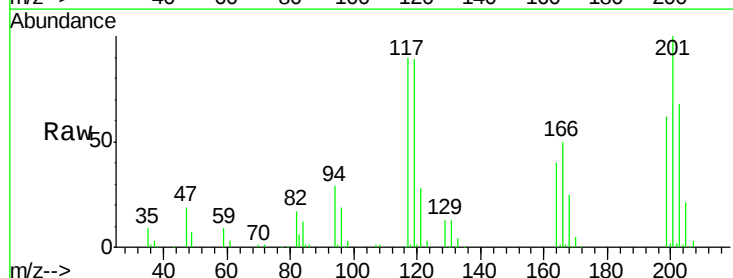
Tgt Ion:117 Resp: 81236

Ion Ratio Lower Upper

117 100

119 99.0 77.1 115.7

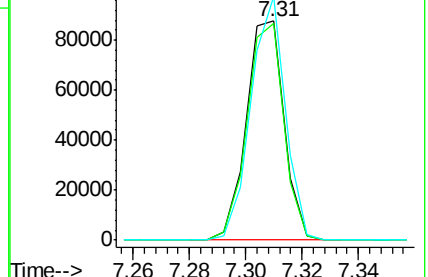
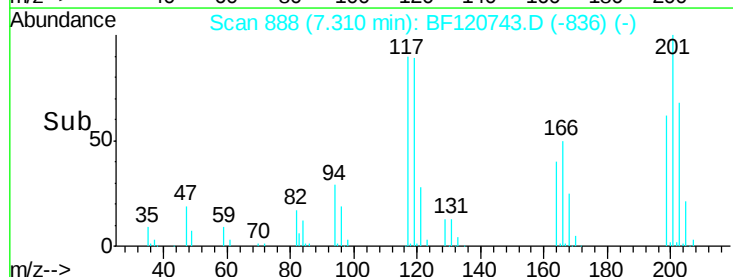
201 111.2 86.4 129.6

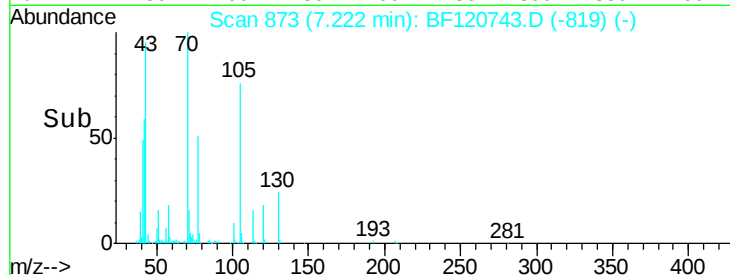
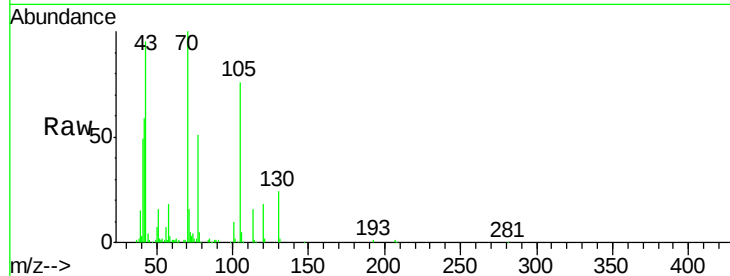
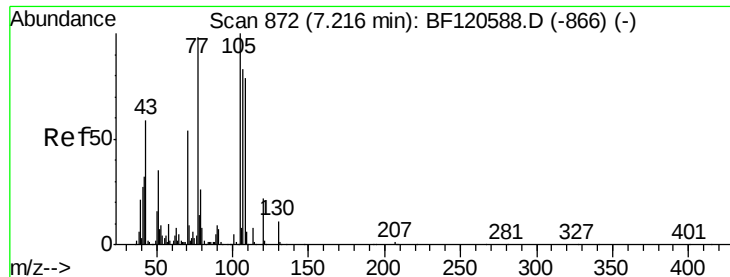


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

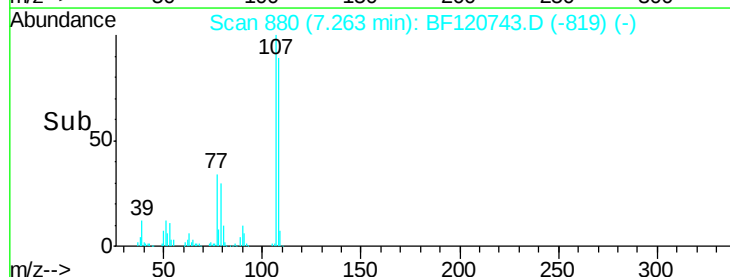
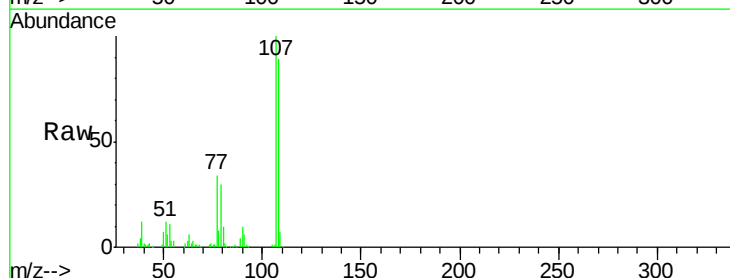
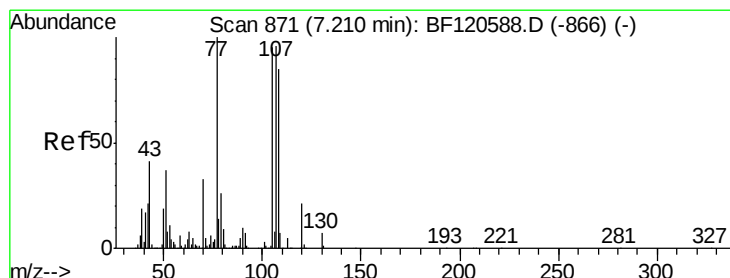
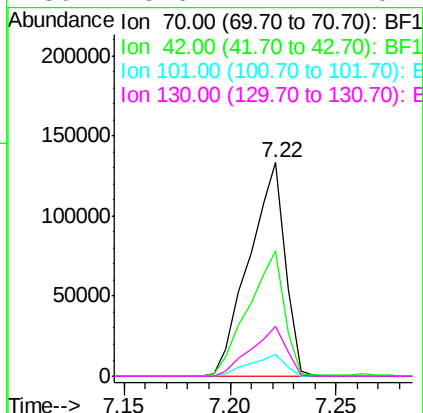




#19
n-Nitroso-di-n-propylamine
Concen: 57.993 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

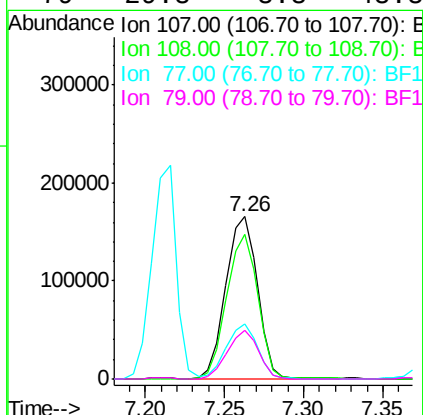
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:	70	Resp:	157897
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.6	71.4
101	10.5	7.6	11.4
130	23.6	17.4	26.2



#20
3+4-Methylphenols
Concen: 50.766 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:	107	Resp:	230415
Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.9	110.9
77	33.8	95.7	135.7#
79	29.8	8.8	48.8

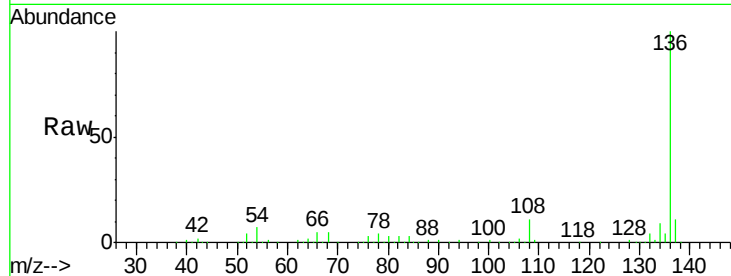




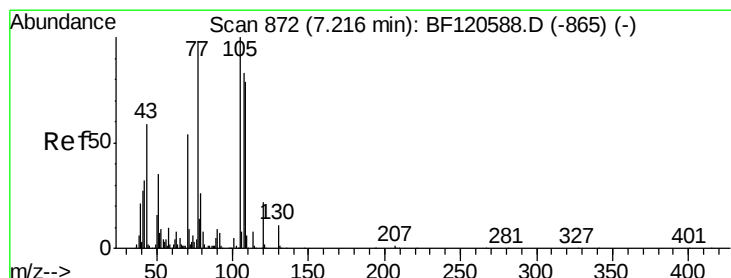
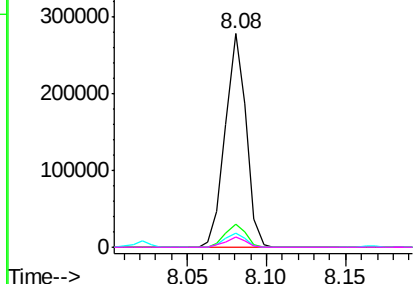
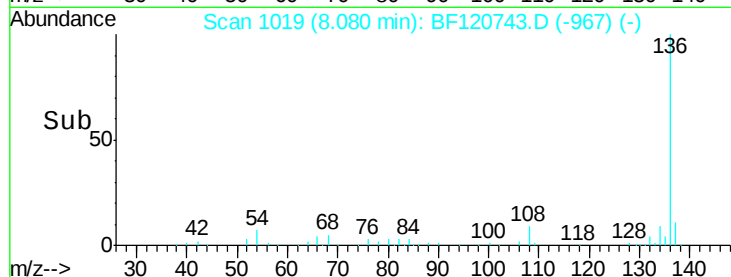
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:136	Resp:	254012
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 12.8
54	6.7	5.3 7.9
68	4.7	4.3 6.5

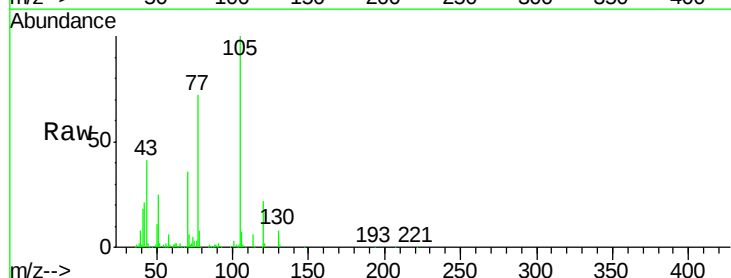


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

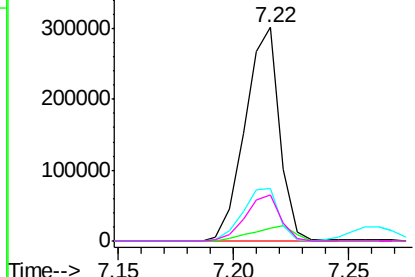
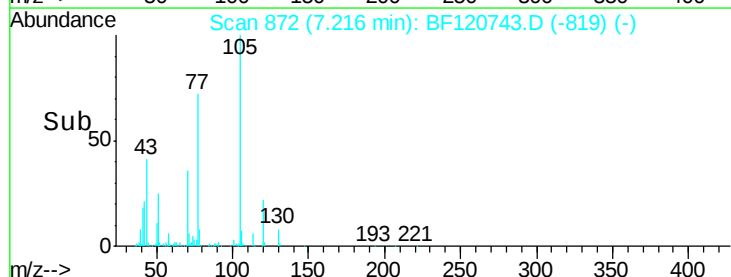


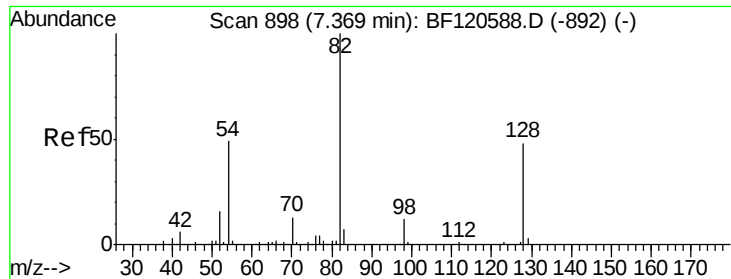
#22
Acetophenone
Concen: 55.474 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:105	Resp:	315033
Ion Ratio	Lower	Upper
105	100	
71	5.8	6.6 9.8#
51	24.7	27.4 41.0#
120	21.8	18.1 27.1



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

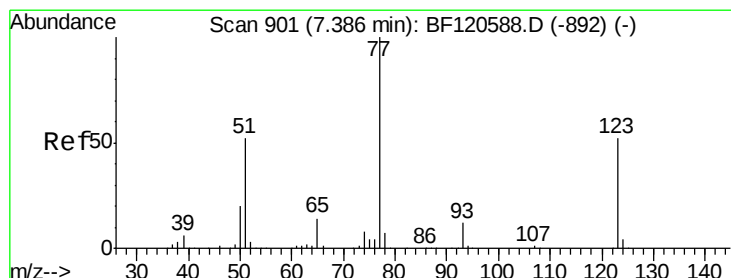
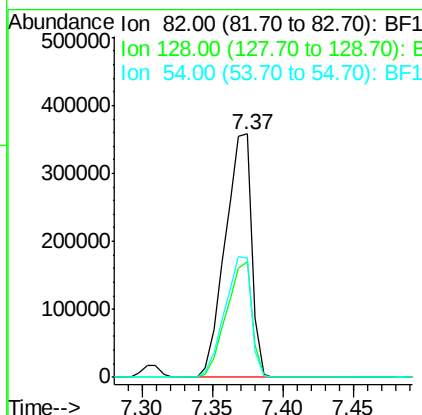
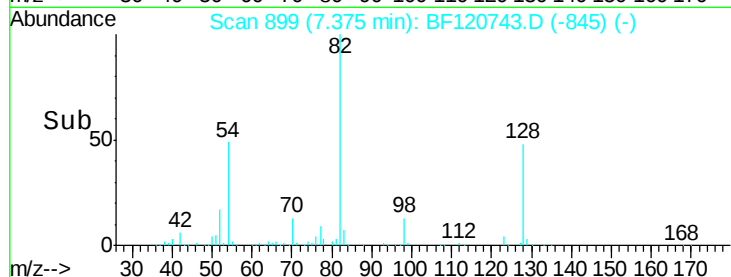
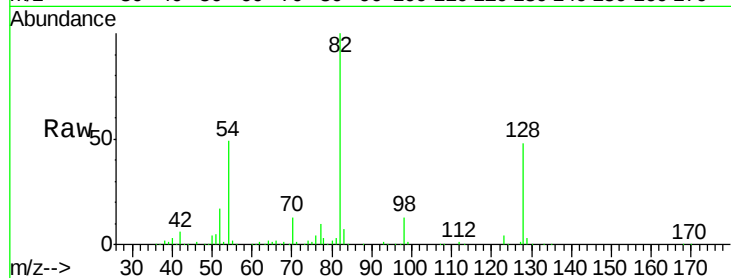




#23
 Nitrobenzene-d5
 Concen: 102.659 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

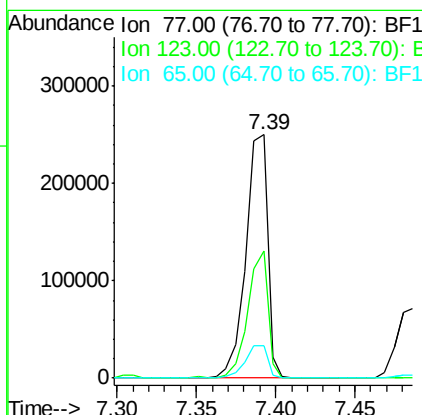
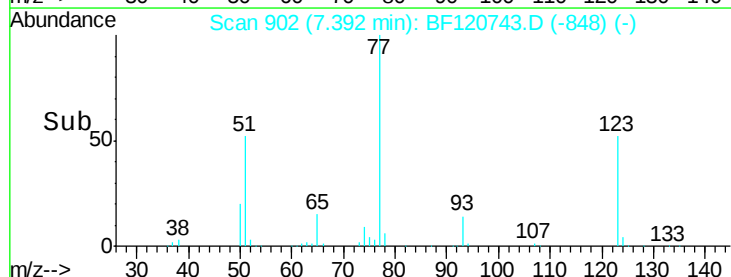
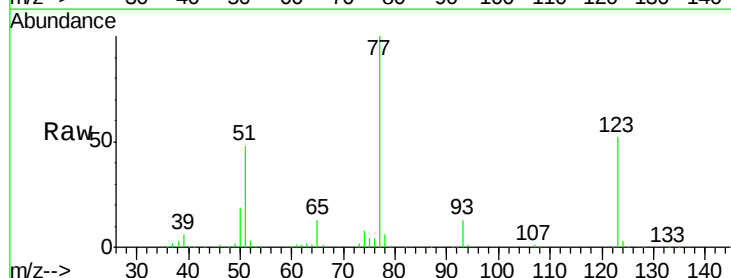
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

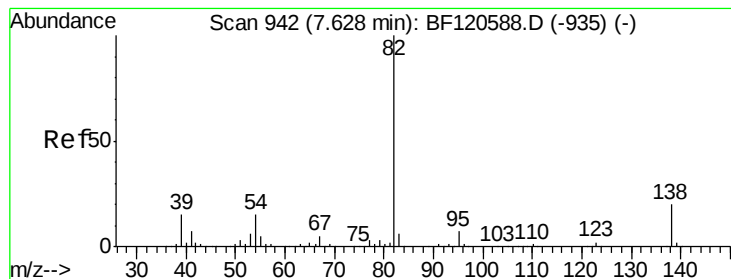
Tot Ion	82	Resp	466516
Ion Ratio	100	Lower	Upper
128	47.7	38.1	57.1
54	49.1	38.8	58.2



#24
 Nitrobenzene
 Concen: 50.174 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	77	Resp	238603
Ion Ratio	100	Lower	Upper
123	52.3	41.5	62.3
65	13.1	10.9	16.3





#25

Isophorone

Concen: 47.590 ng

RT: 7.63 min Scan# 943

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

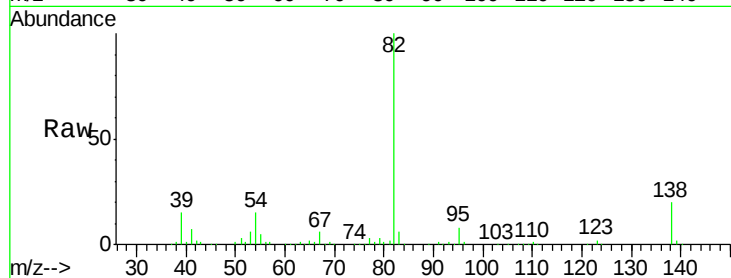
Tot Ion: 82 Resp: 421276

Ion Ratio Lower Upper

82 100

95 8.1 5.6 8.4

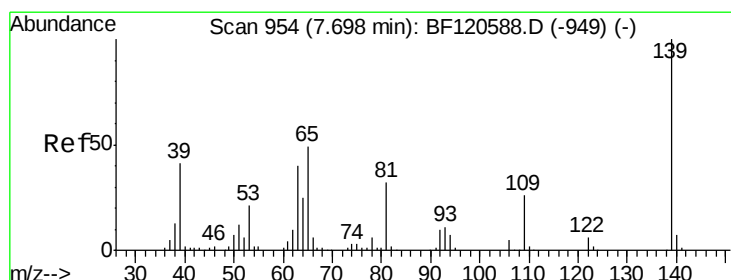
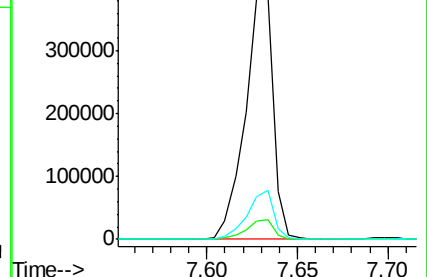
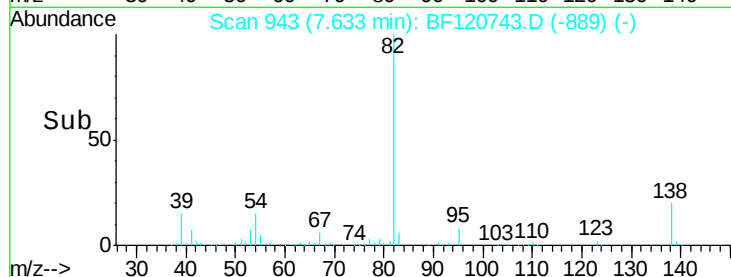
138 20.0 16.1 24.1



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: 43.865 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

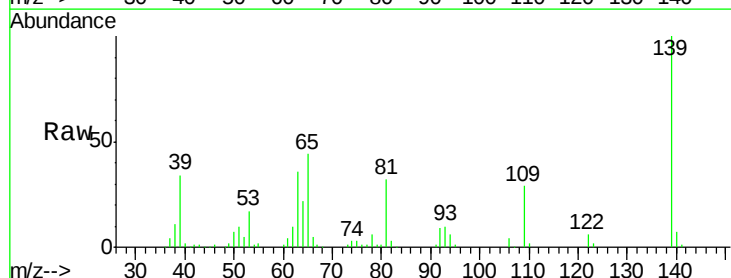
Tgt Ion: 139 Resp: 110357

Ion Ratio Lower Upper

139 100

109 29.2 20.7 31.1

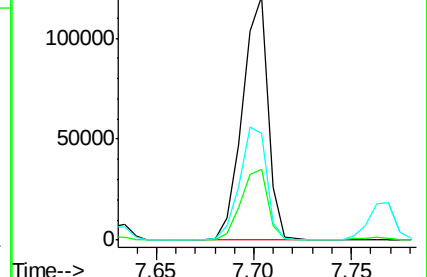
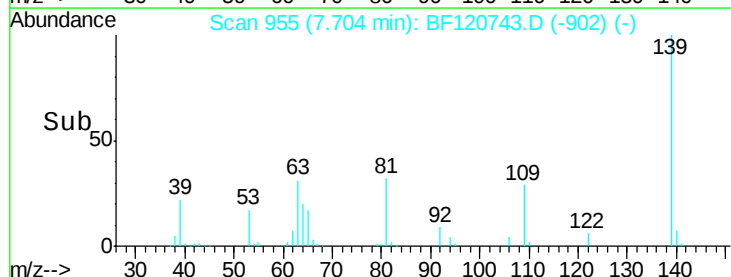
65 43.9 33.6 50.4

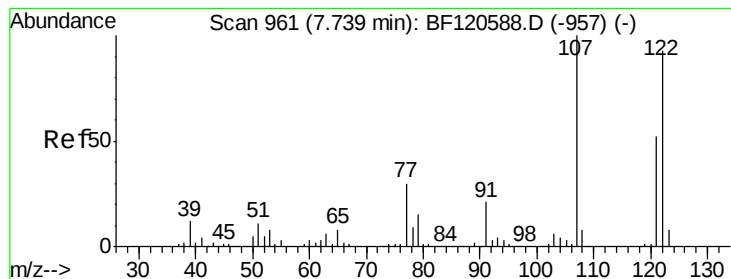


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.775 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

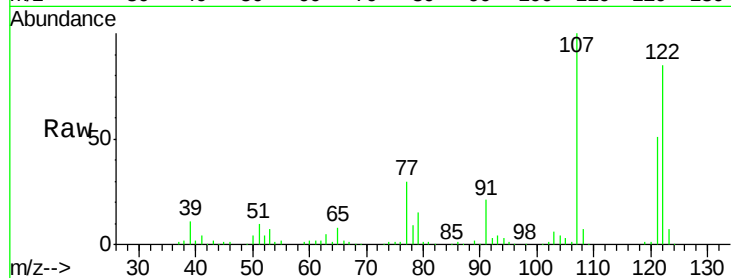
Tot Ion:122 Resp: 180676

Ion Ratio Lower Upper

122 100

107 118.1 89.4 134.2

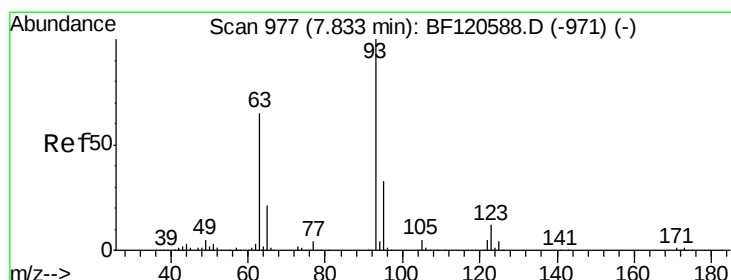
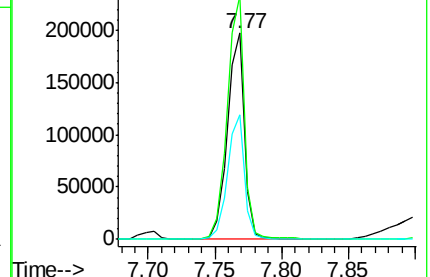
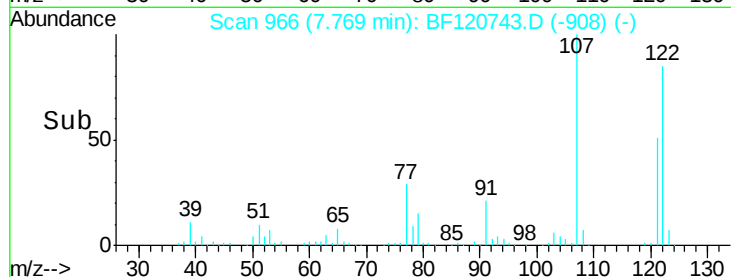
121 60.6 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.670 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

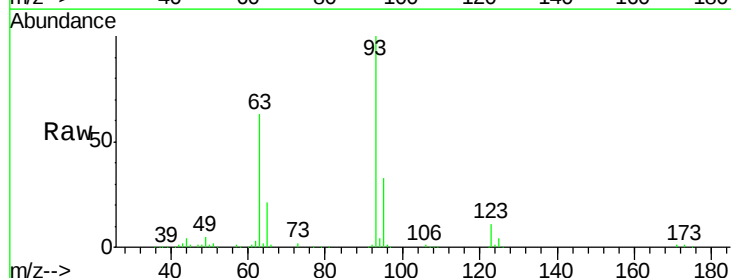
Tgt Ion: 93 Resp: 265134

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.2

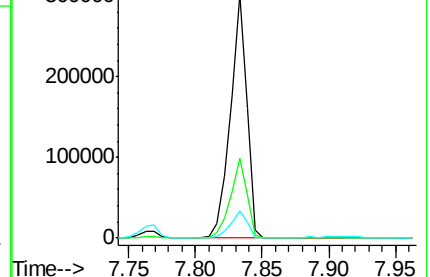
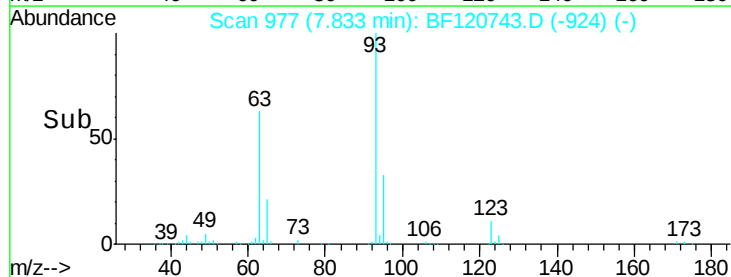
123 11.2 9.7 14.5

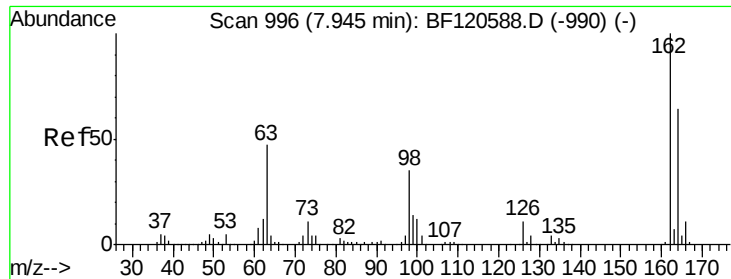


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

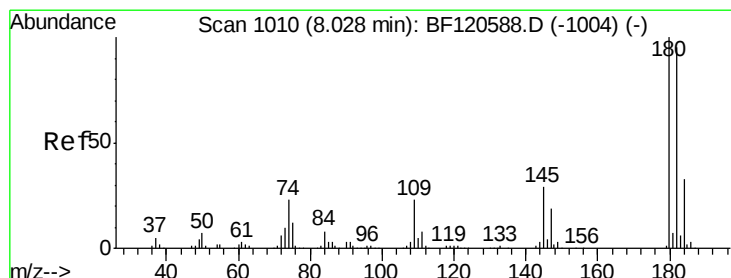
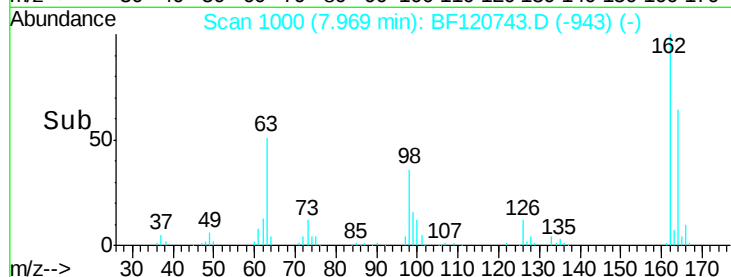
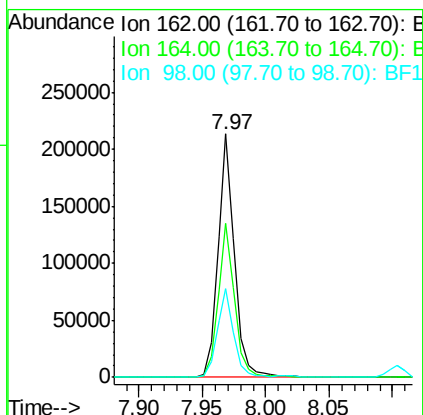
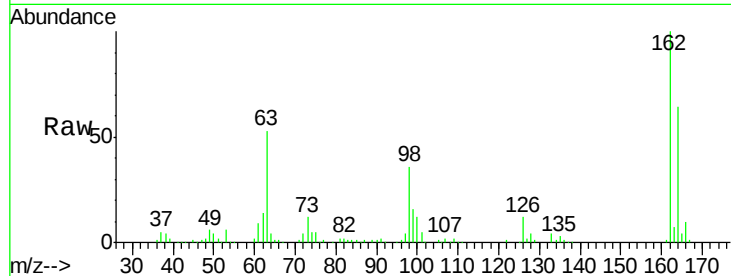




#29
2,4-Dichlorophenol
Concen: 51.841 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.04 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

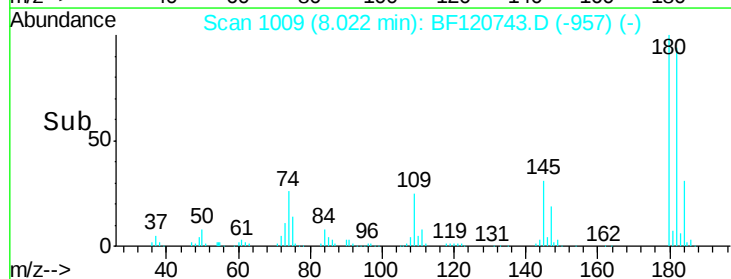
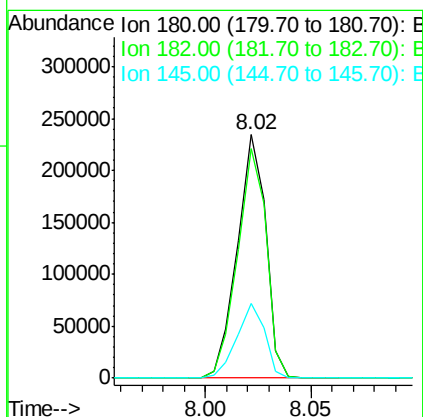
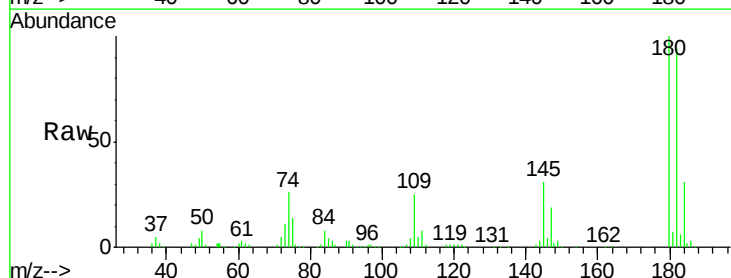
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

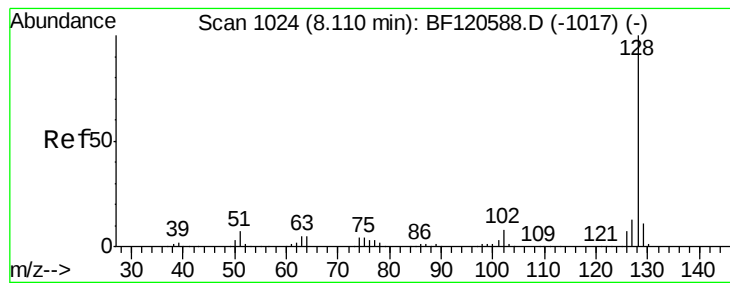
Tot Ion:162 Resp: 195201
Ion Ratio Lower Upper
162 100
164 63.5 45.1 85.1
98 36.2 16.2 56.2



#30
1,2,4-Trichlorobenzene
Concen: 52.503 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:180 Resp: 219086
Ion Ratio Lower Upper
180 100
182 94.3 76.0 114.0
145 30.7 23.4 35.2





#31

Naphthalene

Concen: 53.657 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

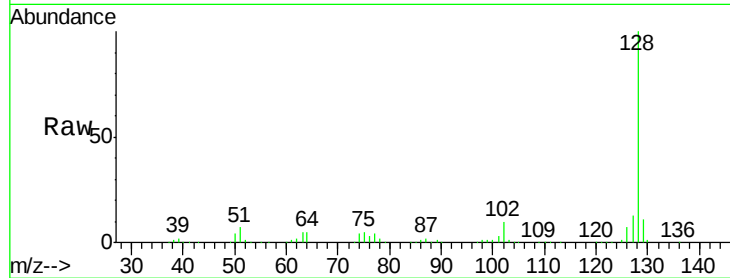
Tot Ion:128 Resp: 669256

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

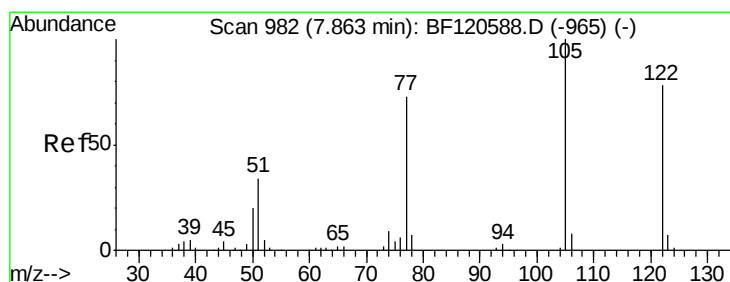
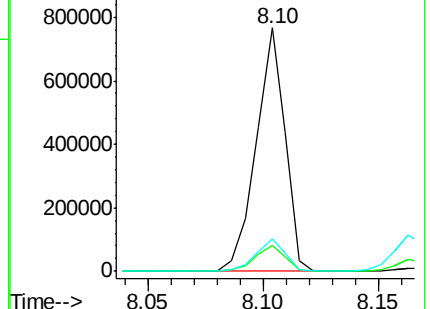
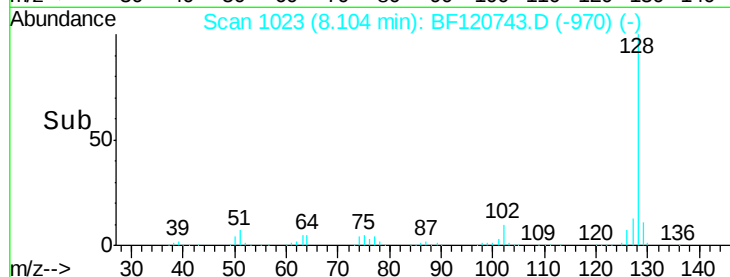
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.229 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.06 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

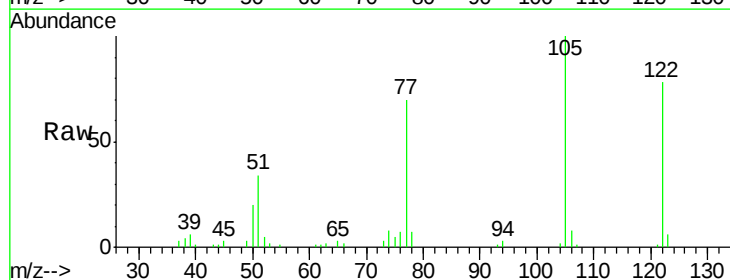
Tgt Ion:122 Resp: 77387

Ion Ratio Lower Upper

122 100

105 127.9 98.4 138.4

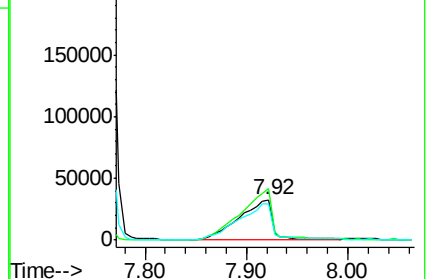
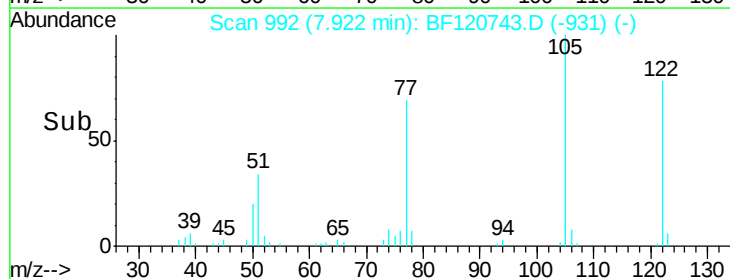
77 89.2 63.8 103.8

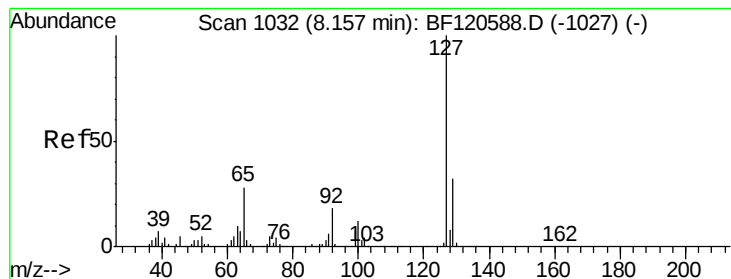


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 23.458 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion:127 Resp: 134299

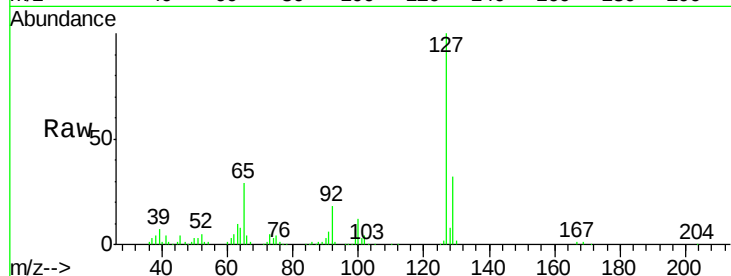
Ion Ratio Lower Upper

127 100

129 31.6 26.2 39.2

65 28.6 21.8 32.6

92 17.9 14.5 21.7

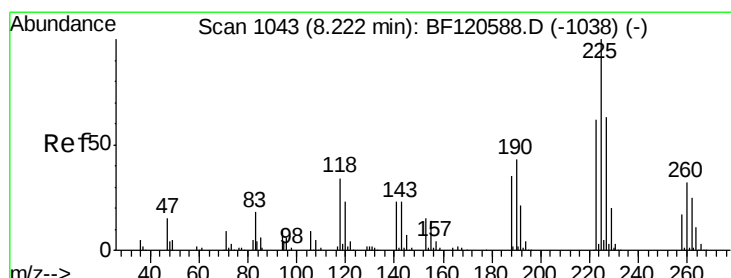
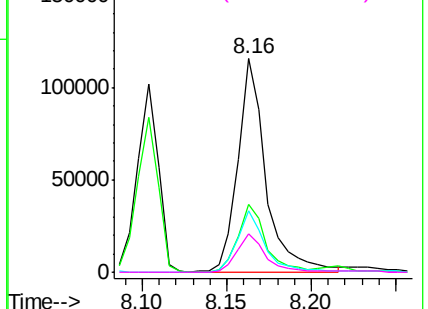
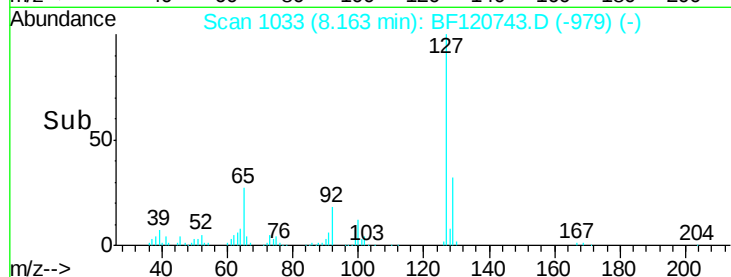


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 55.165 ng

RT: 8.22 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

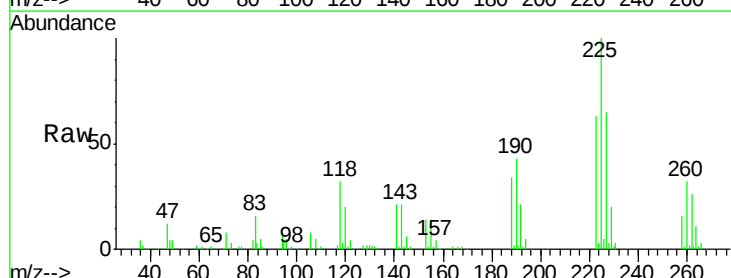
Tgt Ion:225 Resp: 134182

Ion Ratio Lower Upper

225 100

223 63.2 50.0 75.0

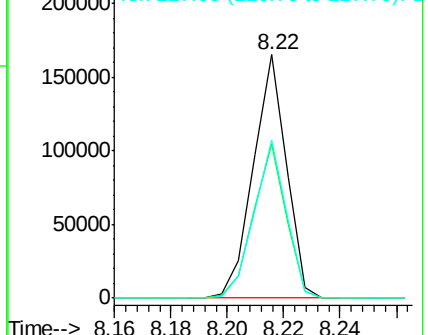
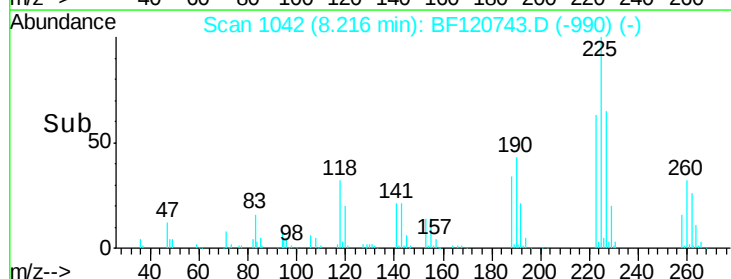
227 64.6 50.5 75.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

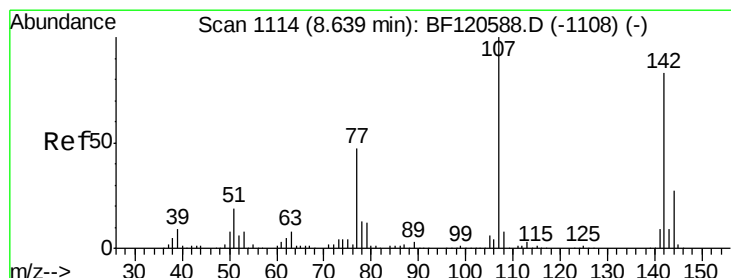
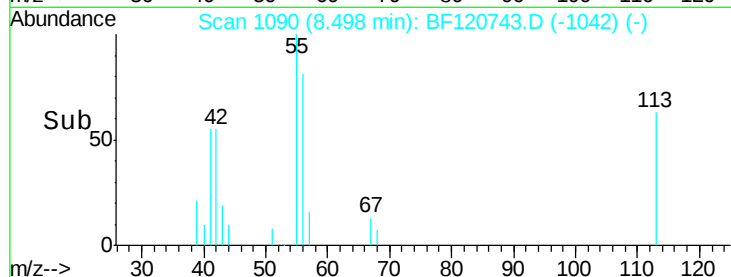
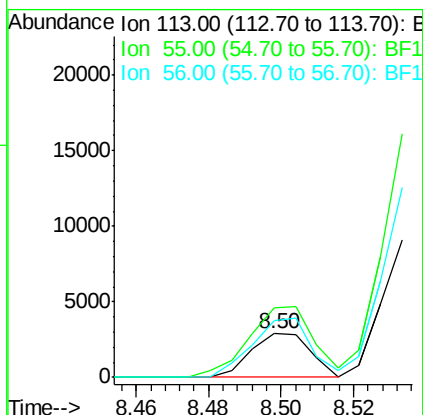
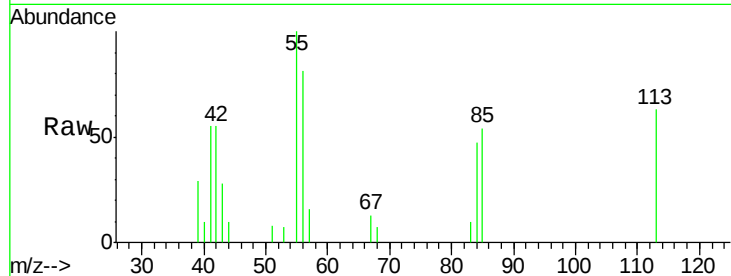




#35
Caprolactam
Concen: 2.727 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

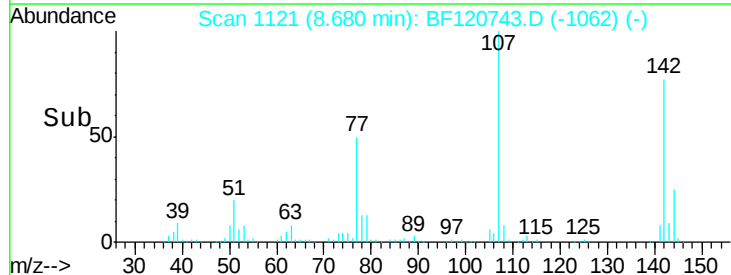
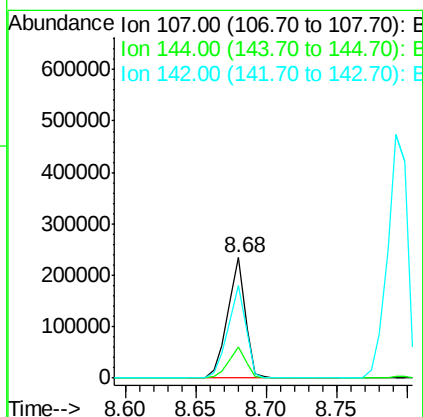
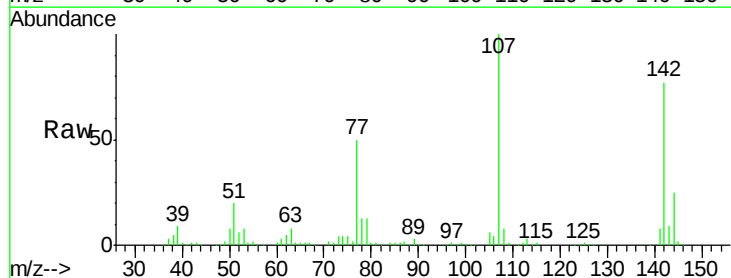
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

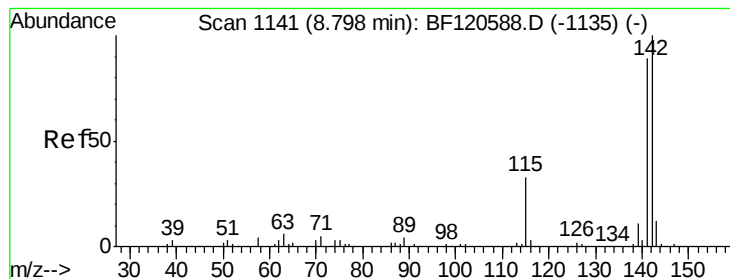
Tot Ion:113 Resp: 3284
Ion Ratio Lower Upper
113 100
55 159.5 143.7 183.7
56 129.4 98.6 138.6



#36
4-Chloro-3-methylphenol
Concen: 54.887 ng
RT: 8.68 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:107 Resp: 206479
Ion Ratio Lower Upper
107 100
144 25.5 21.9 32.9
142 76.6 67.7 101.5

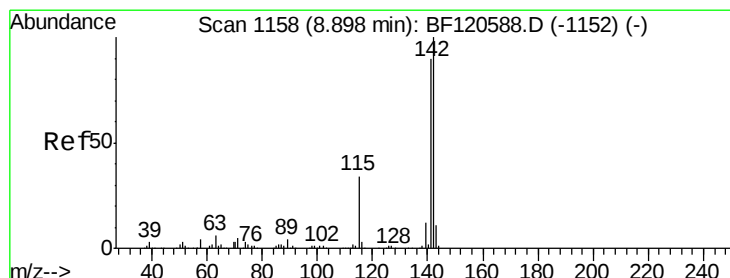
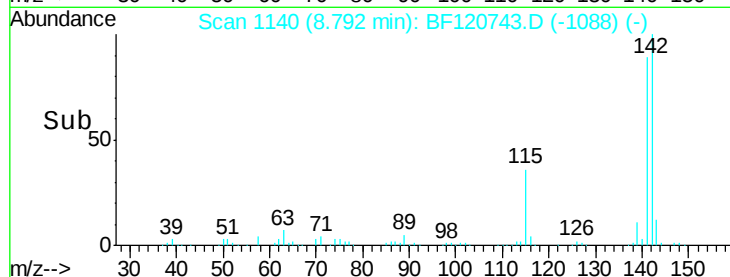
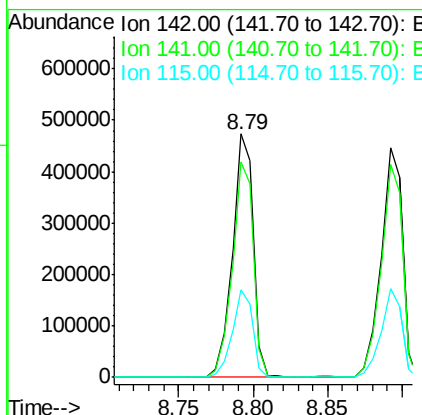
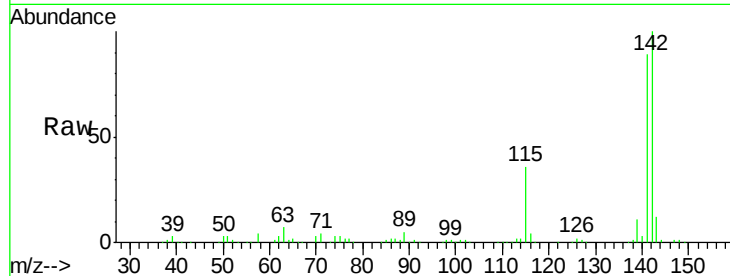




#37
 2-Methylnaphthalene
 Concen: 57.136 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

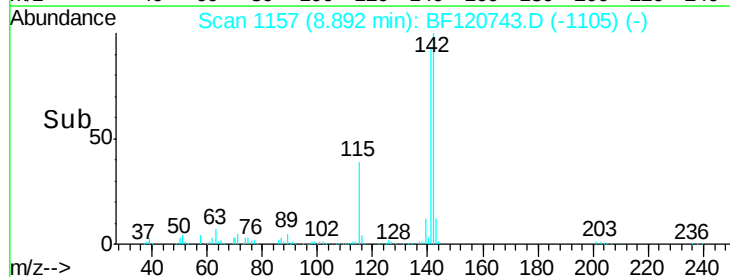
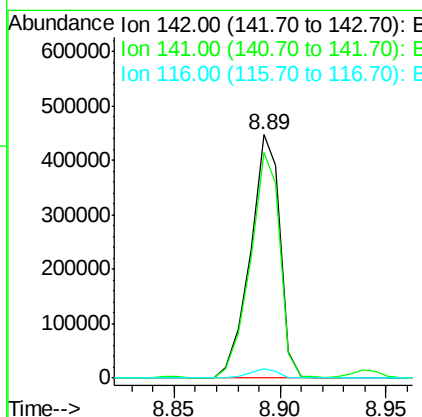
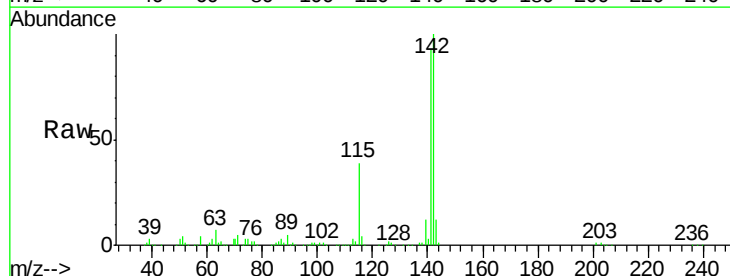
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

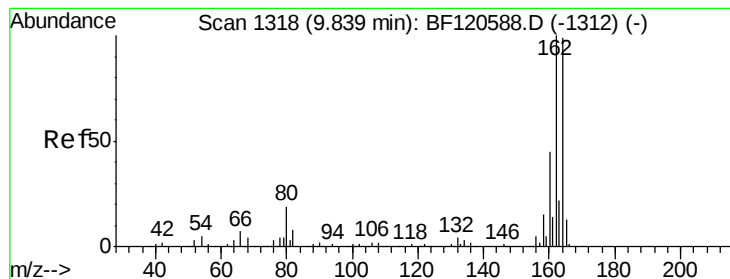
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.2	103.8
115	36.0	26.3	39.5



#38
 1-Methylnaphthalene
 Concen: 56.957 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.7	109.1
116	3.8	2.7	4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

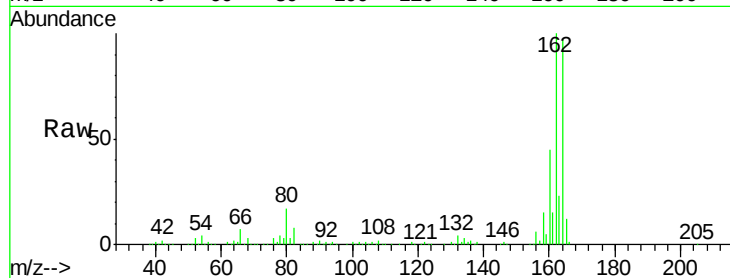
Tot Ion:164 Resp: 254541

Ion Ratio Lower Upper

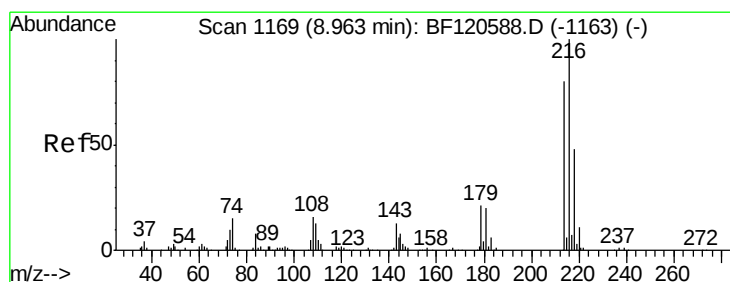
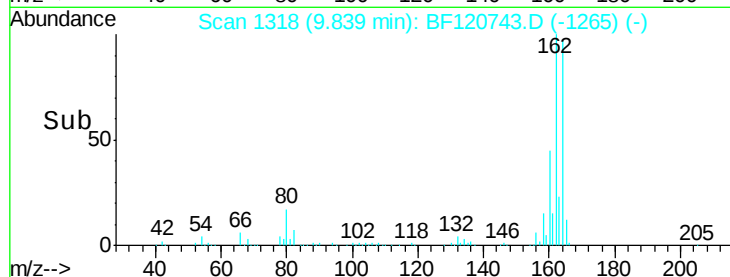
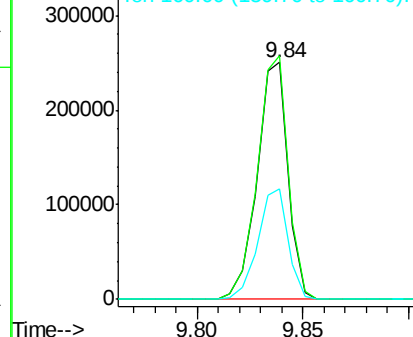
164 100

162 102.9 81.4 122.0

160 46.4 36.6 55.0



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: 29.358 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:216 Resp: 223135

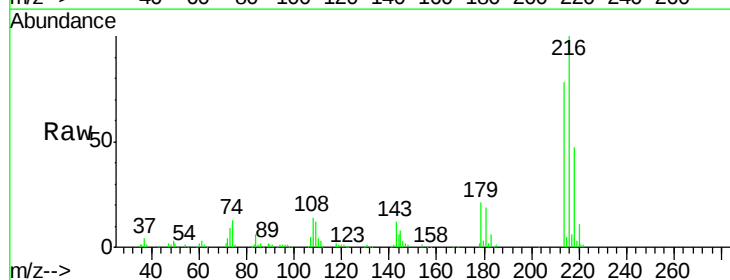
Ion Ratio Lower Upper

216 100

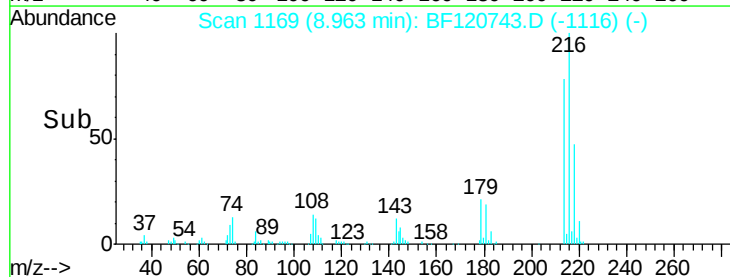
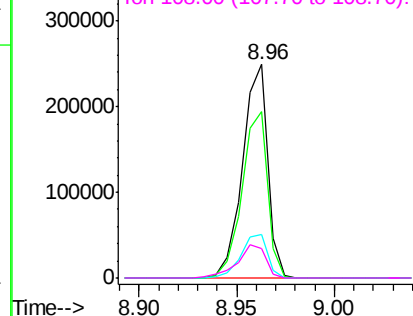
214 79.2 63.1 94.7

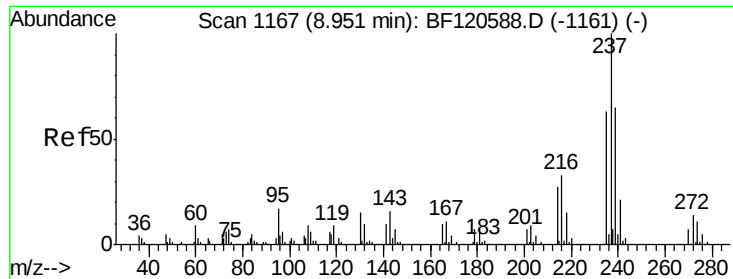
179 21.6 16.3 24.5

108 17.7 13.9 20.9



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 26.665 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

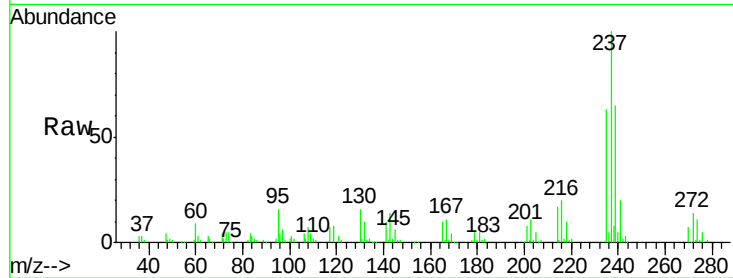
Tot Ion:237 Resp: 113568

Ion Ratio Lower Upper

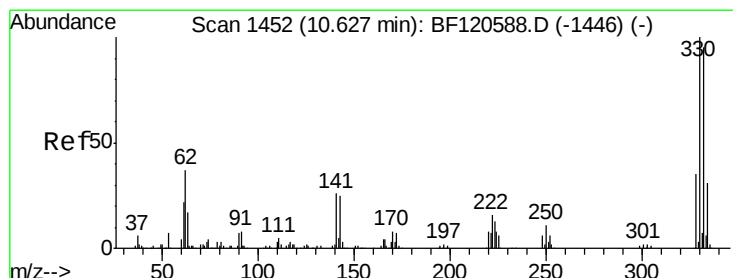
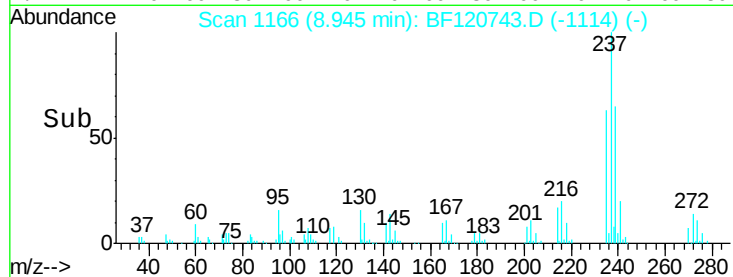
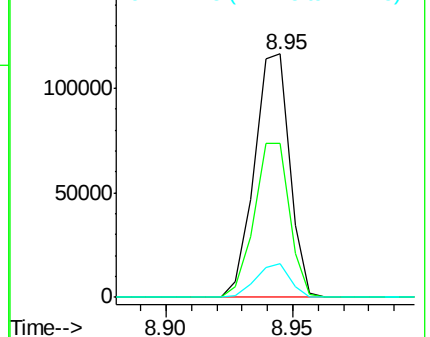
237 100

235 63.0 42.2 82.2

272 14.0 0.0 33.6



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: 136.482 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

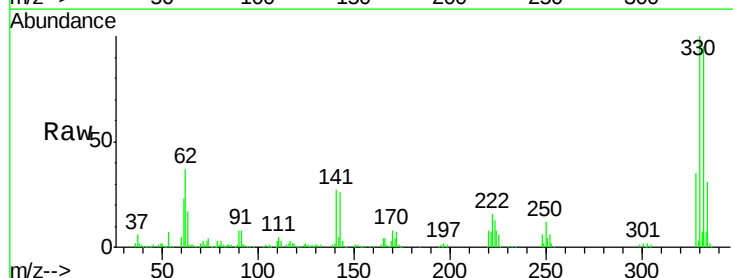
Tgt Ion:330 Resp: 403904

Ion Ratio Lower Upper

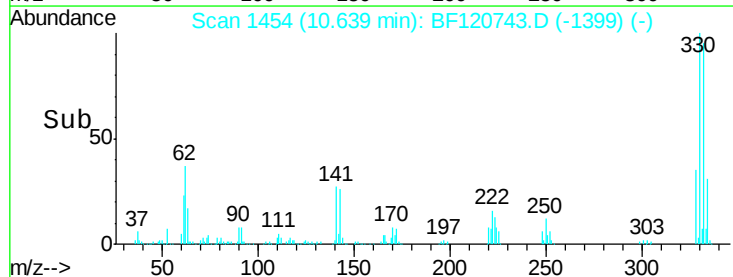
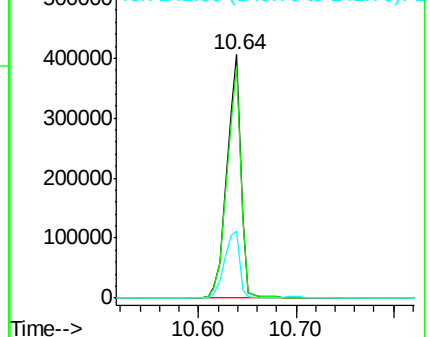
330 100

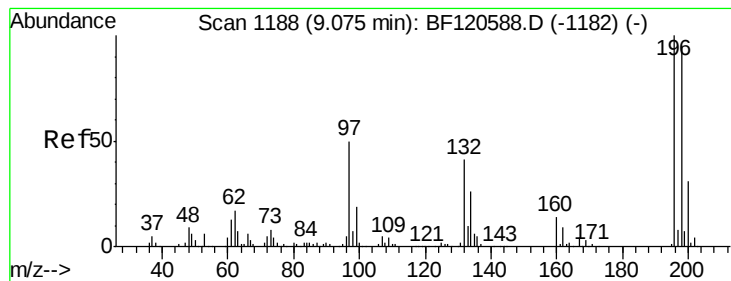
332 96.1 76.4 114.6

141 29.7 23.0 34.6



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: 27.033 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

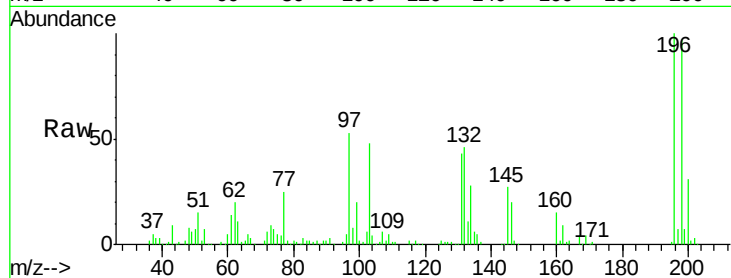
Tot Ion:196 Resp: 145744

Ion Ratio Lower Upper

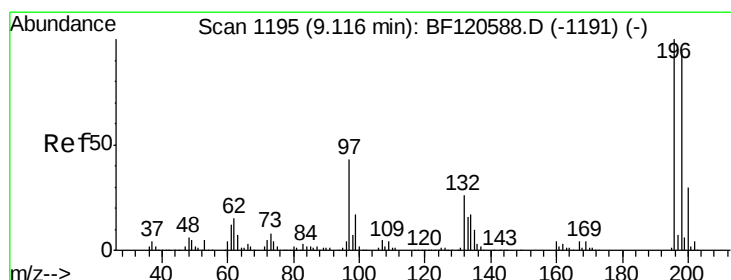
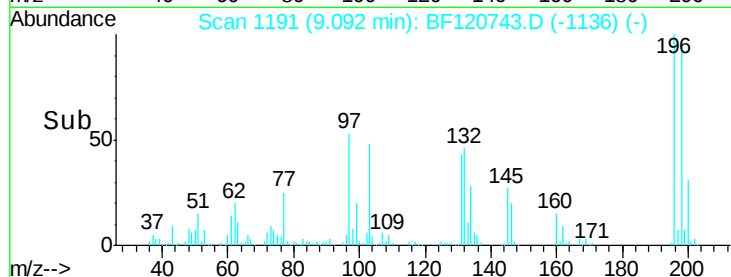
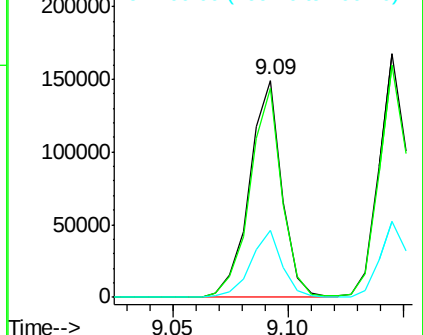
196 100

198 96.6 77.8 116.6

200 30.9 24.7 37.1



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: 23.611 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Tgt Ion:196 Resp: 144422

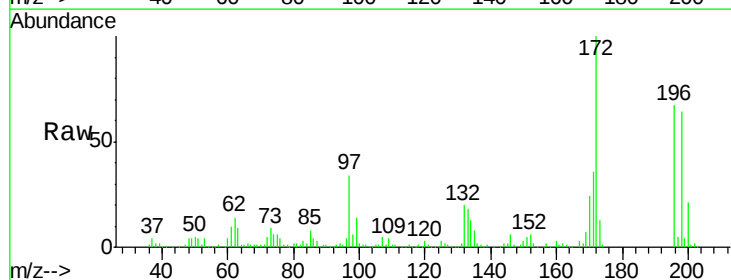
Ion Ratio Lower Upper

196 100

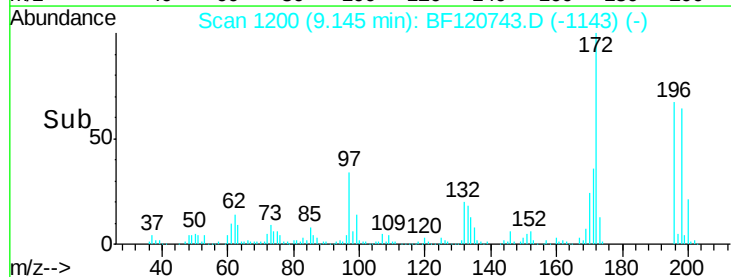
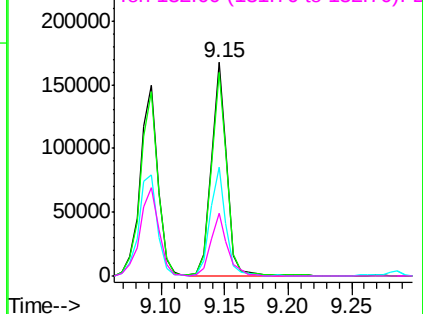
198 95.5 76.2 114.2

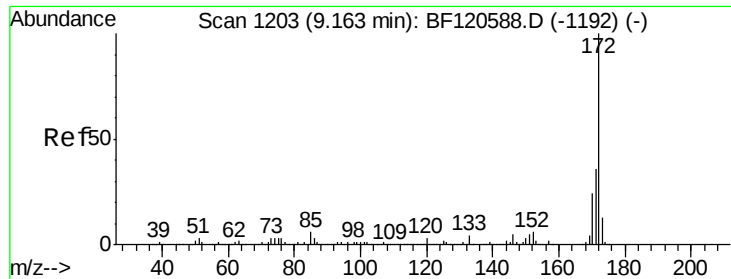
97 51.0 35.8 53.8

132 29.6 22.2 33.4



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

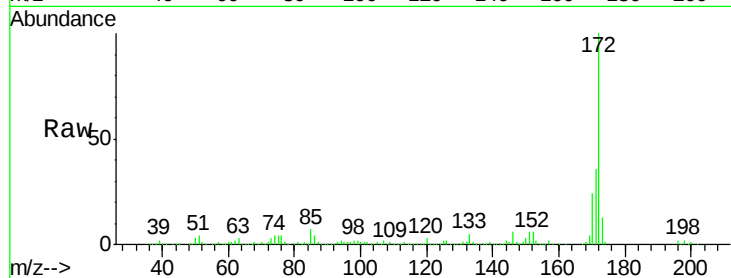




#45
 2-Fluorobiphenyl
 Concen: 57.792 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.7	19.1	28.7

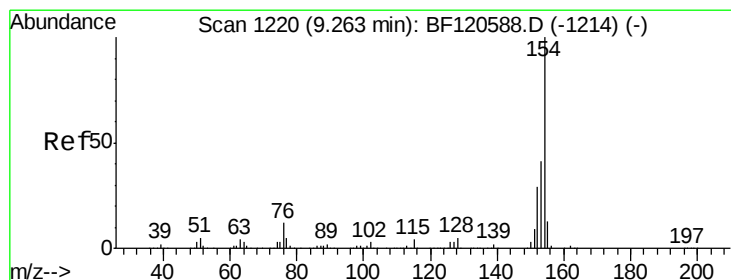
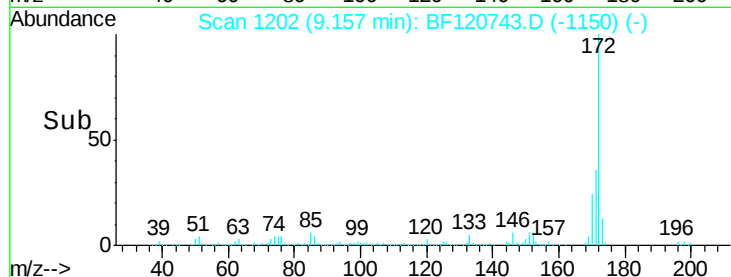
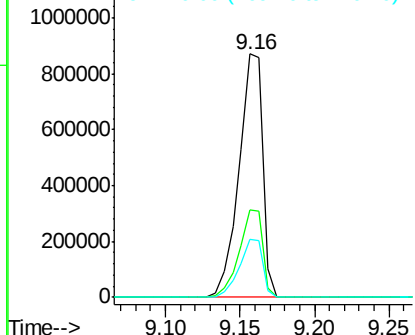


Abundance

Ion 172.00 (171.70 to 172.70): E

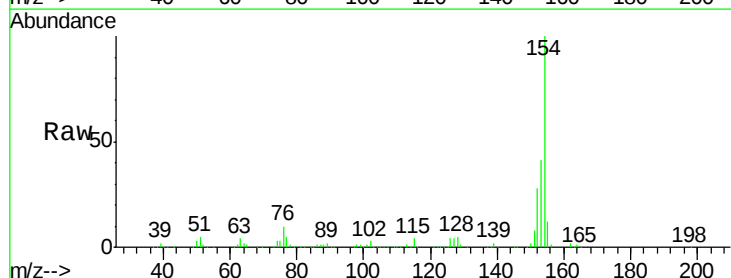
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 29.954 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.9	59.9
76	9.9	0.0	31.0

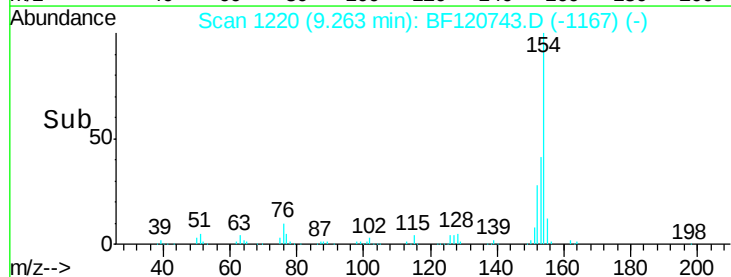
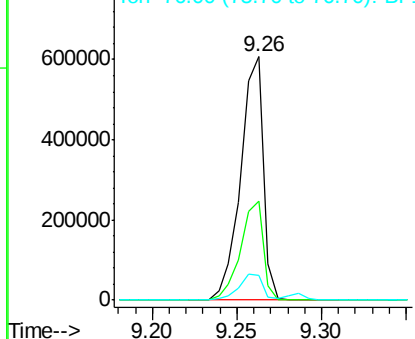


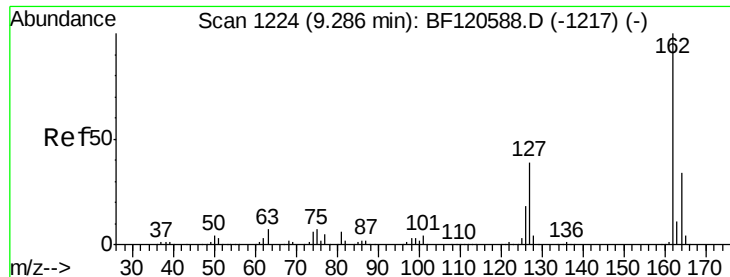
Abundance

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

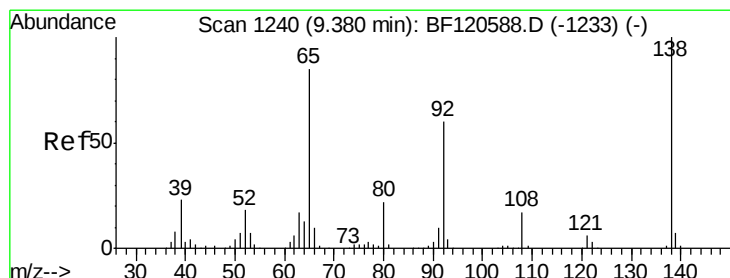
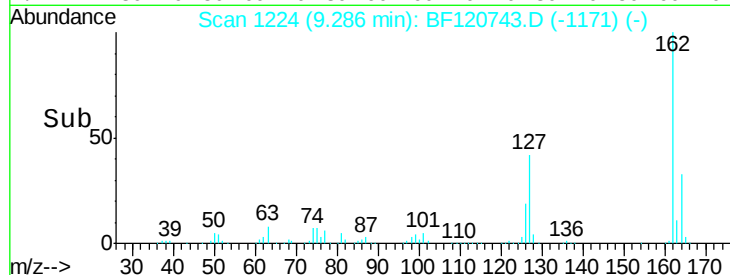
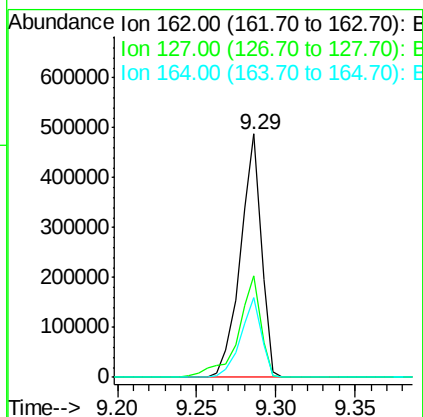
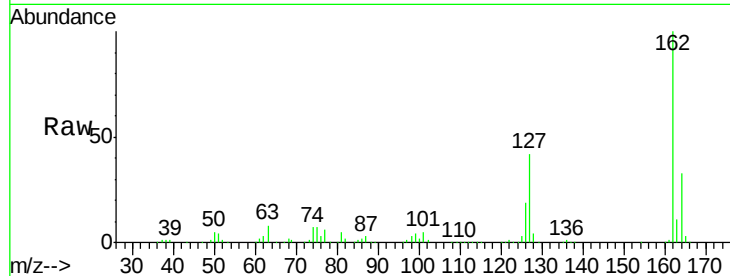




#47
2-Chloronaphthalene
Concen: 28.535 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

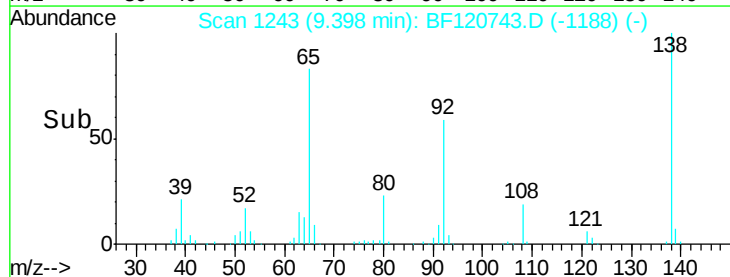
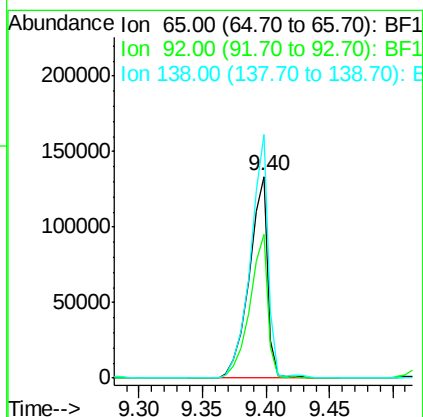
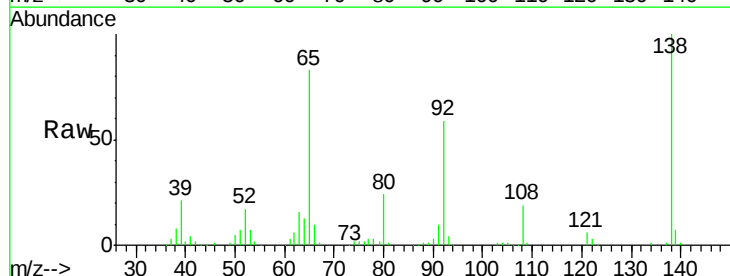
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

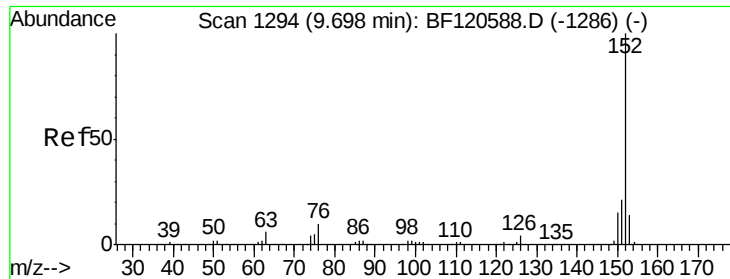
Tot Ion:162 Resp: 443512
Ion Ratio Lower Upper
162 100
127 41.7 31.2 46.8
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 27.840 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion: 65 Resp: 135900
Ion Ratio Lower Upper
65 100
92 71.3 57.7 86.5
138 120.6 96.6 145.0





#49

Acenaphthylene

Concen: 54.551 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

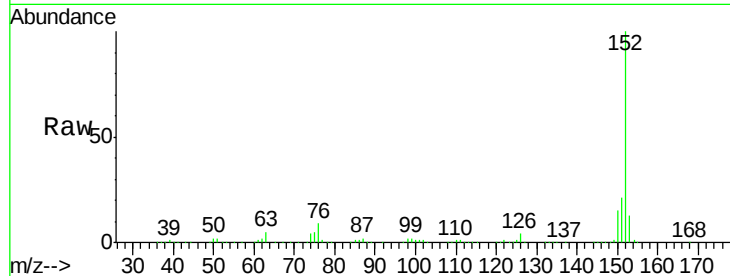
Tot Ion:152 Resp: 1308515

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

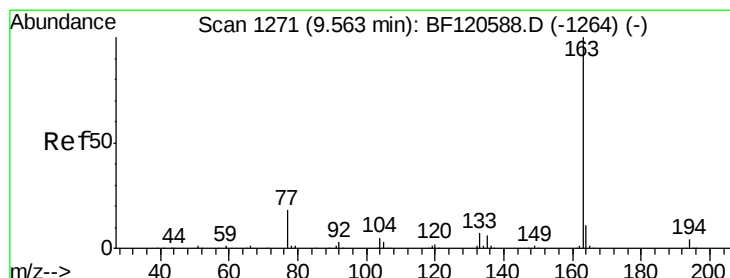
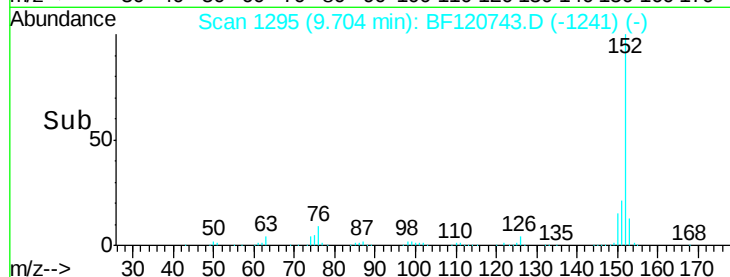
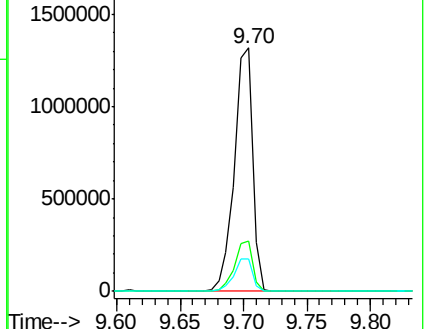
153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.529 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

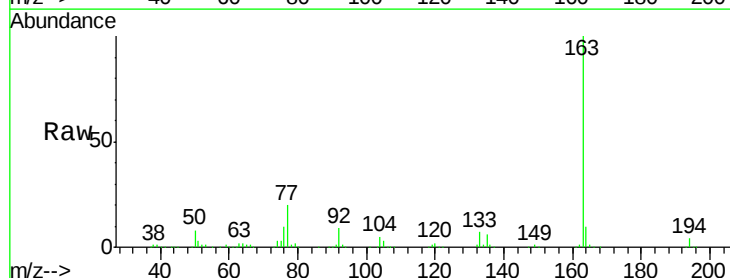
Tgt Ion:163 Resp: 944644

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

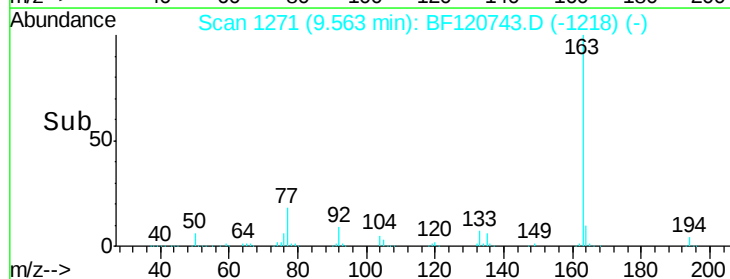
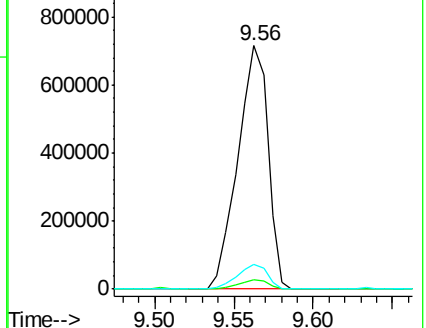
164 10.2 8.2 12.2



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

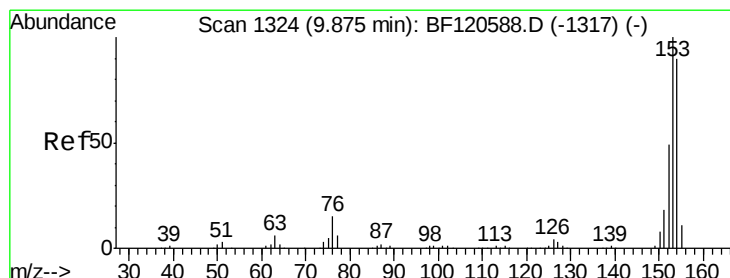
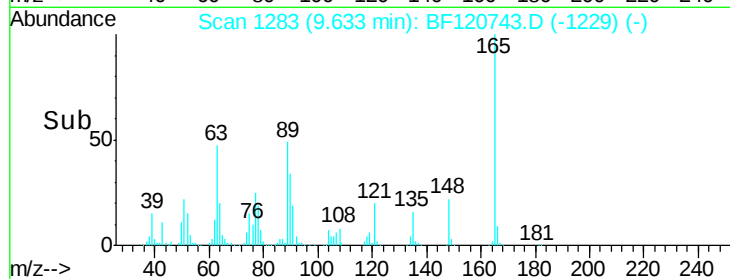
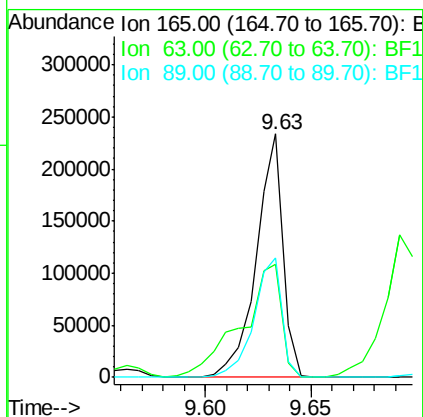
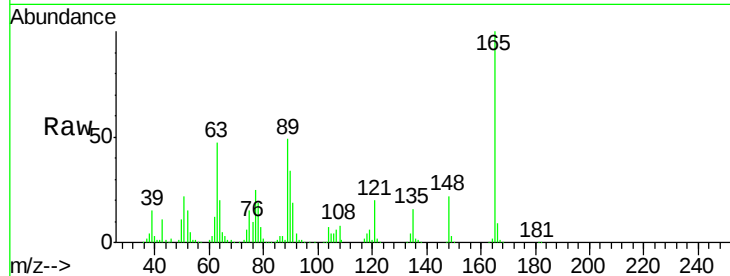




#51
 2,6-Dinitrotoluene
 Concen: 49.374 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

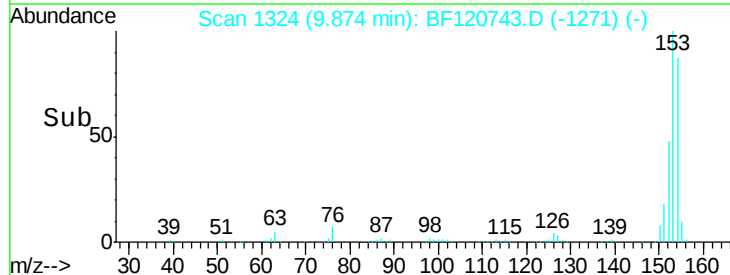
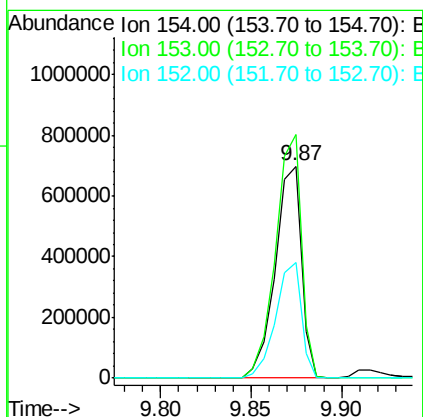
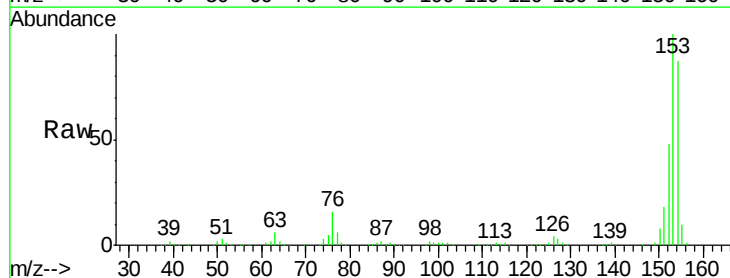
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

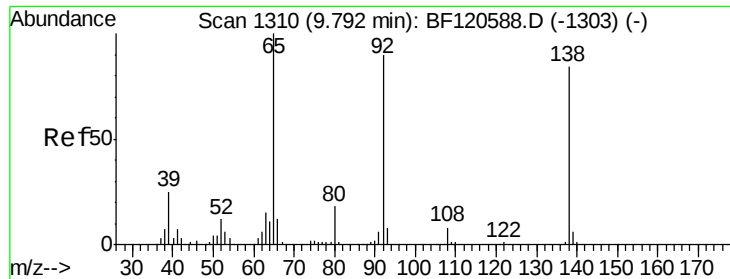
Tot Ion:165 Resp: 205127
 Ion Ratio Lower Upper
 165 100
 63 46.6 36.8 55.2
 89 49.1 39.4 59.0



#52
 Acenaphthene
 Concen: 49.149 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:154 Resp: 703121
 Ion Ratio Lower Upper
 154 100
 153 114.7 90.1 135.1
 152 54.6 43.1 64.7

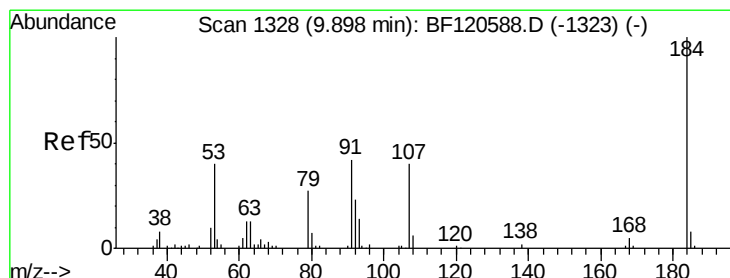
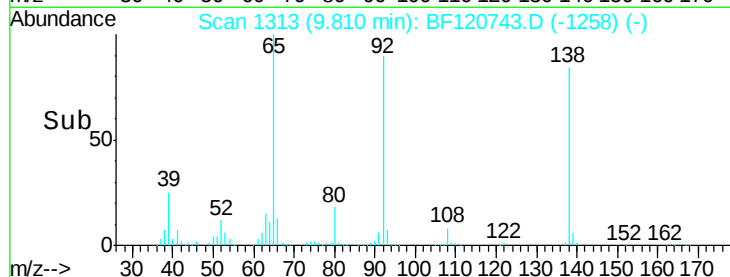
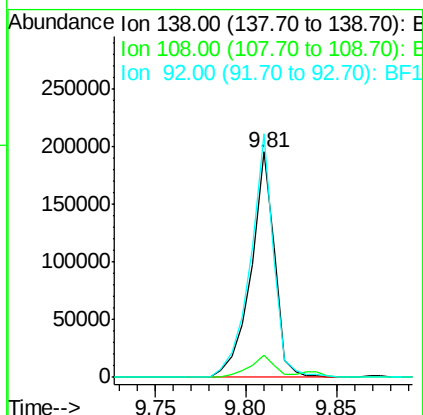
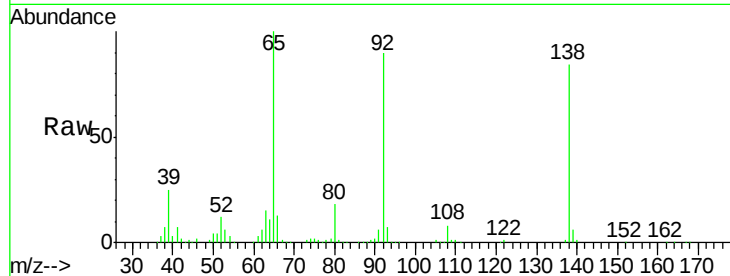




#53
3-Nitroaniline
Concen: 35.540 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

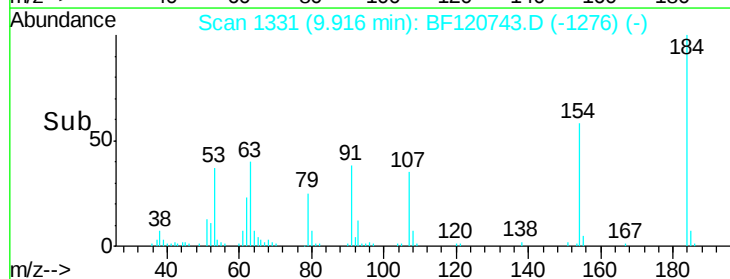
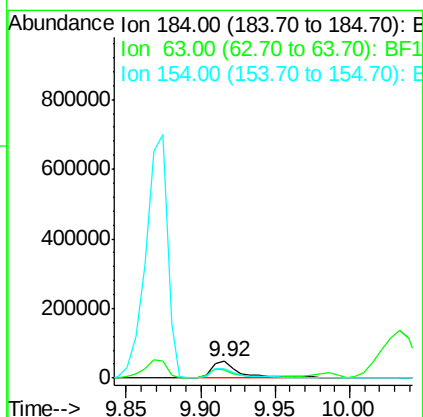
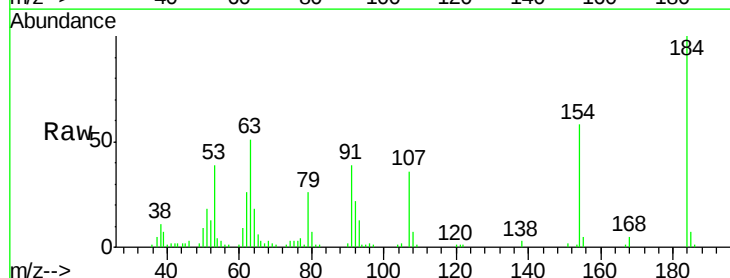
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

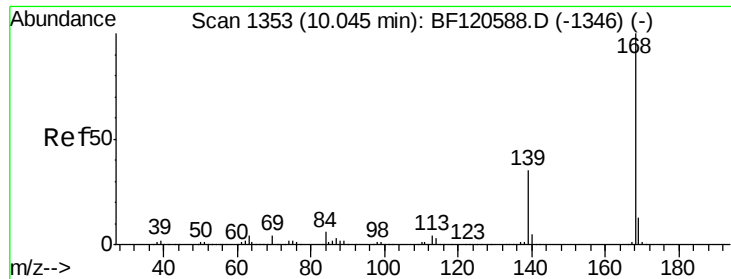
Tot Ion:138 Resp: 177346
Ion Ratio Lower Upper
138 100
108 10.0 7.6 11.4
92 108.0 82.2 123.4



#54
2,4-Dinitrophenol
Concen: 29.514 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:184 Resp: 67034
Ion Ratio Lower Upper
184 100
63 50.6 47.4 71.0
154 58.2 45.3 67.9

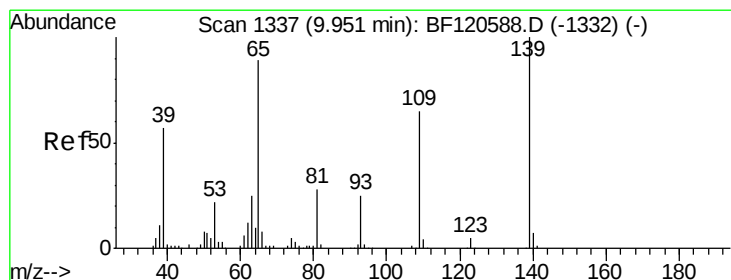
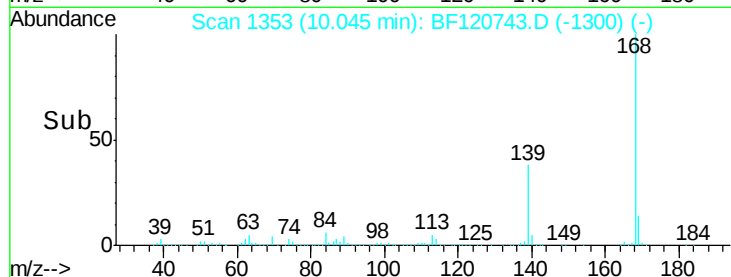
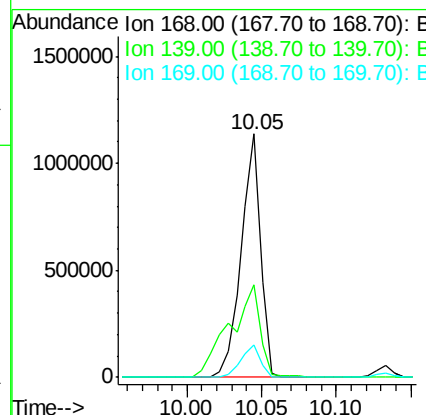
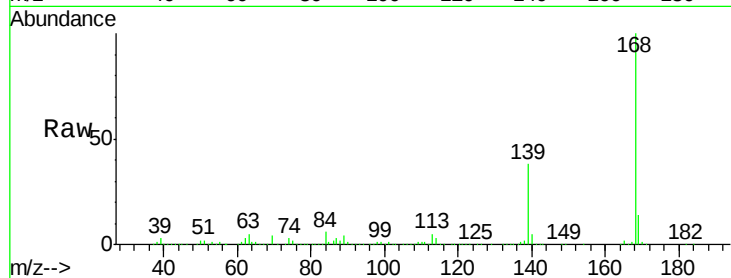




#55
Dibenzenofuran
Concen: 47.473 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

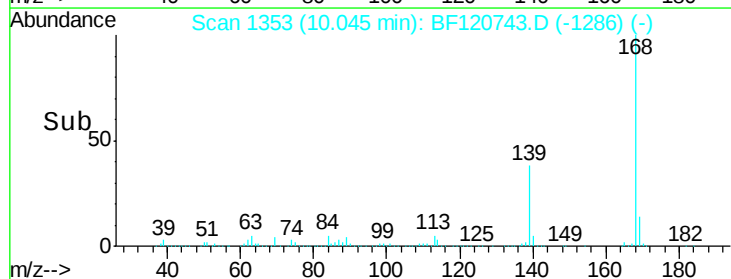
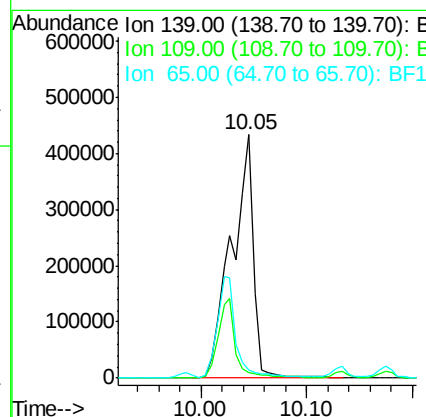
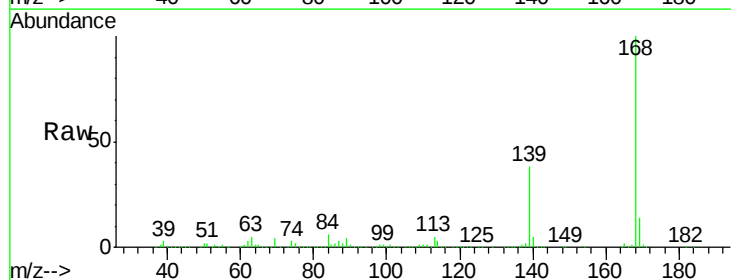
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

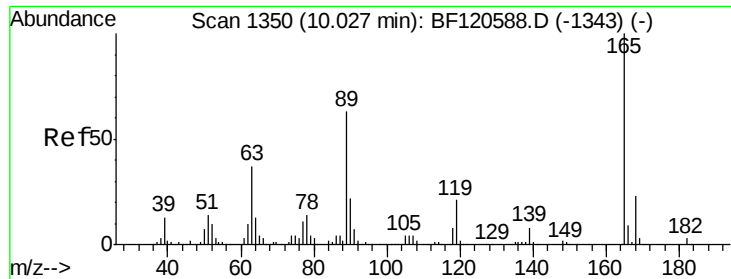
Tot Ion:168 Resp: 1041341
Ion Ratio Lower Upper
168 100
139 38.1 28.6 43.0
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 167.550 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.09 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:139 Resp: 629696
Ion Ratio Lower Upper
139 100
109 2.5 44.5 84.5#
65 3.6 69.7 109.7#

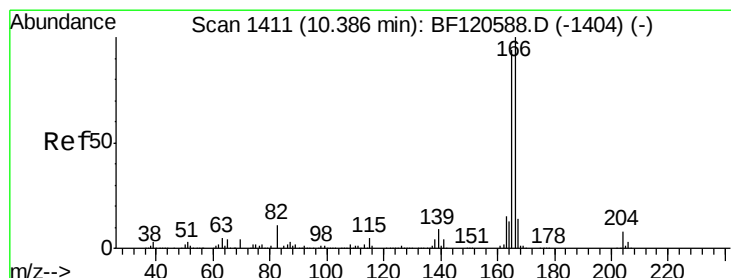
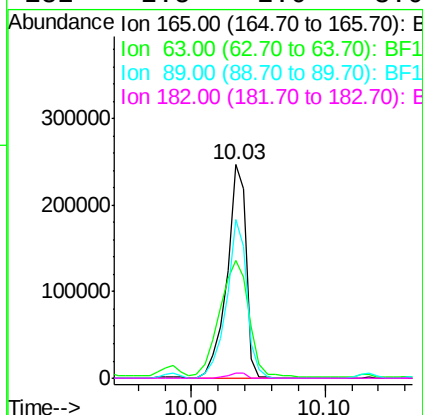
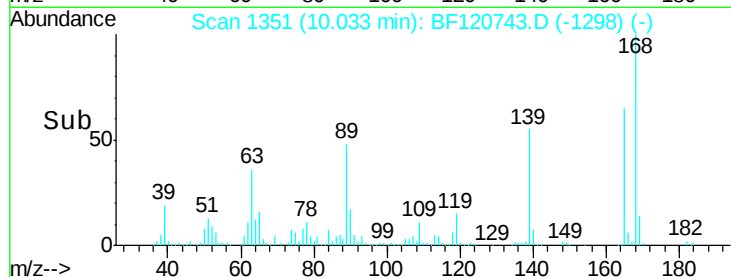
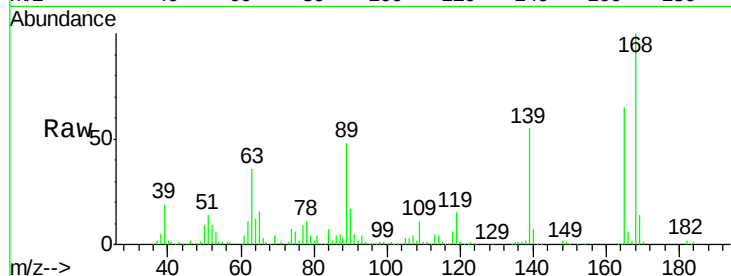




#57
2,4-Dinitrotoluene
Concen: 45.596 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

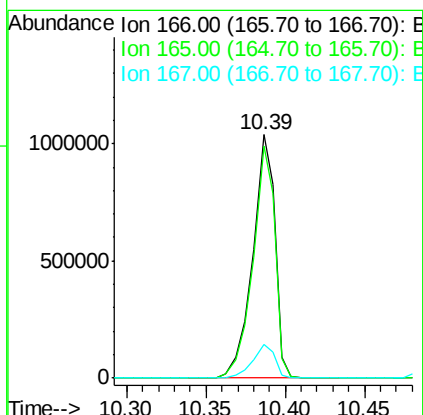
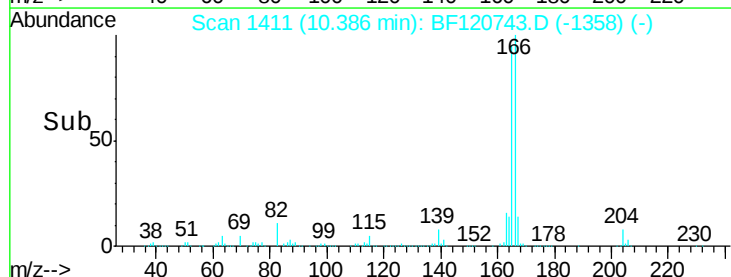
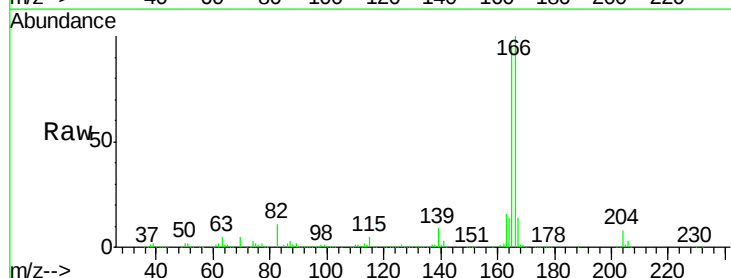
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

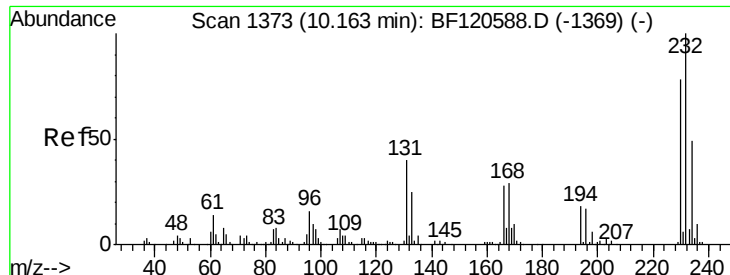
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.4	30.1	45.1#
89	74.6	49.2	73.8#
182	2.5	2.0	3.0



#58
Fluorene
Concen: 59.727 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.5	74.6	112.0
167	14.0	10.9	16.3

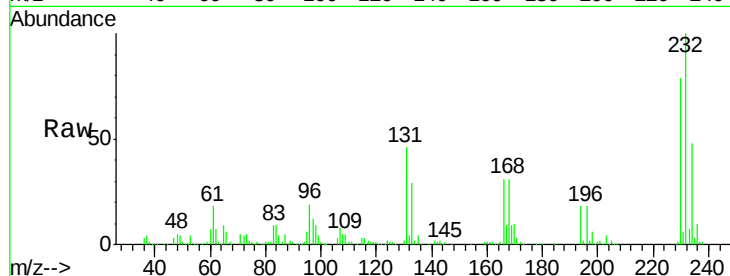




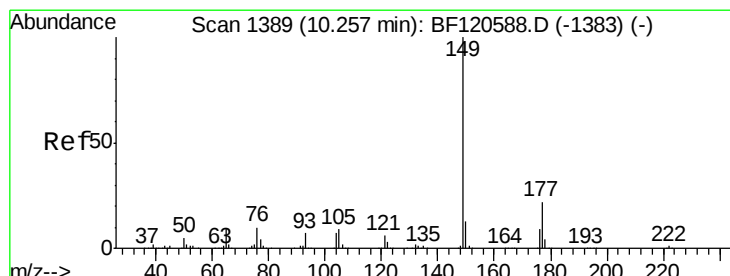
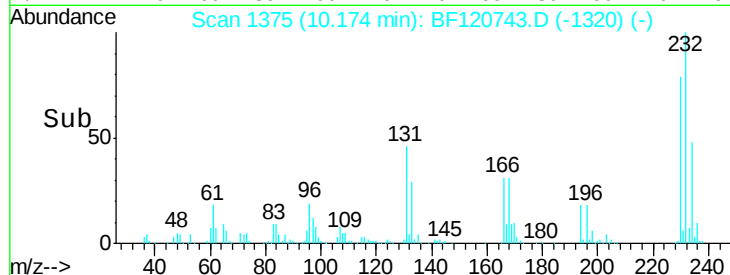
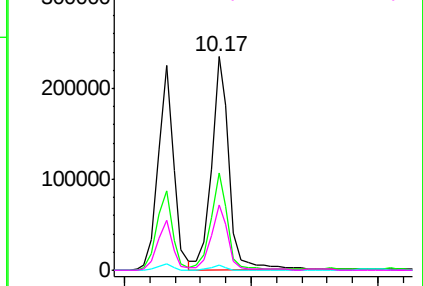
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.460 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

Tot Ion:	232	Resp:	228385
Ion	Ratio	Lower	Upper
232	100		
131	43.0	32.4	48.6
130	2.0	1.4	2.2
166	29.3	22.1	33.1

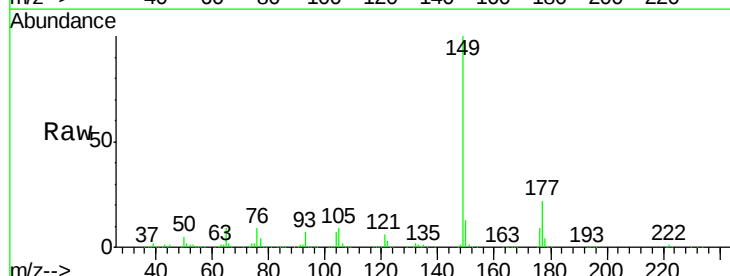


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

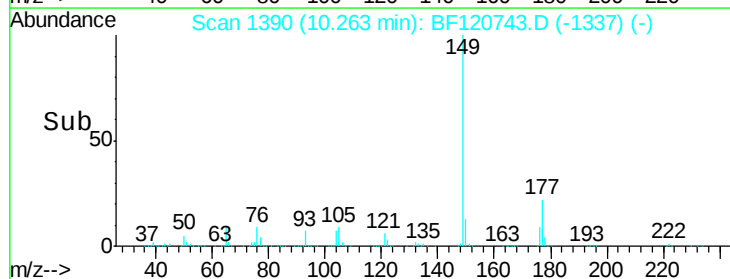
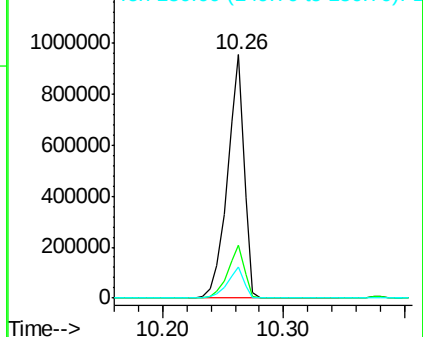


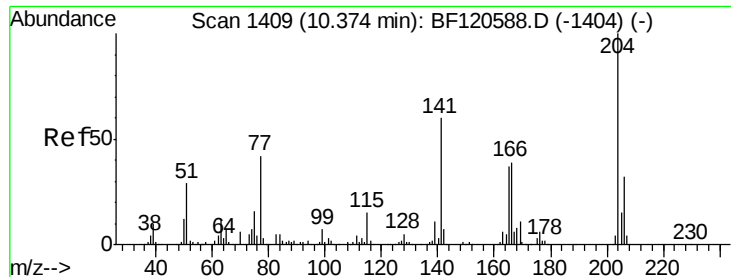
#60
 Diethylphthalate
 Concen: 50.363 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:	149	Resp:	909304
Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.0	27.0
150	12.9	9.8	14.6



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

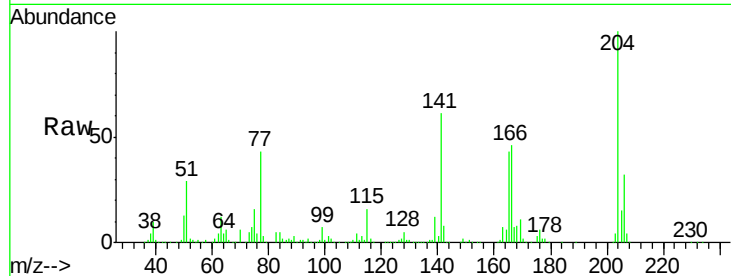




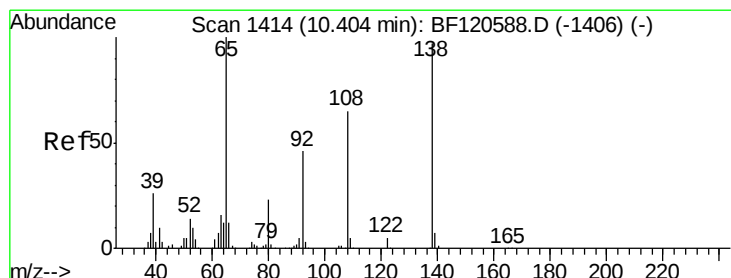
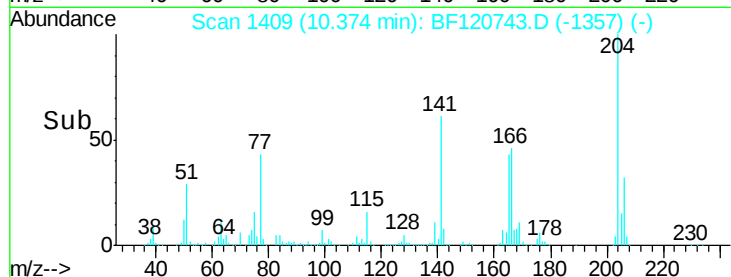
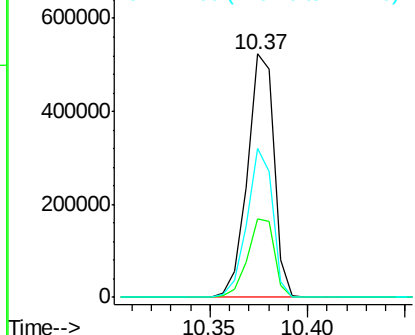
#61
4-Chlorophenyl-phenylether
Concen: 56.509 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

Tot Ion:204 Resp: 493464
Ion Ratio Lower Upper
204 100
206 32.3 26.4 39.6
141 61.3 42.9 64.3

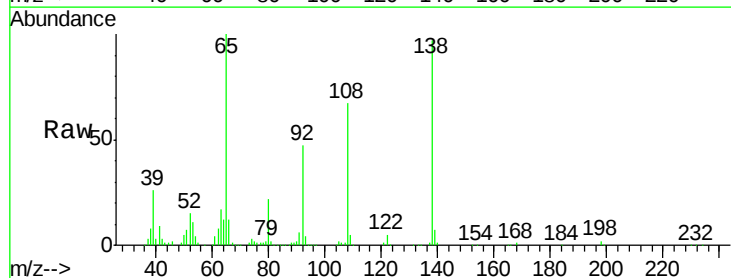


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

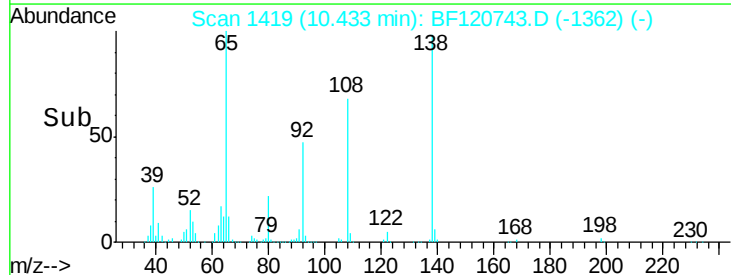
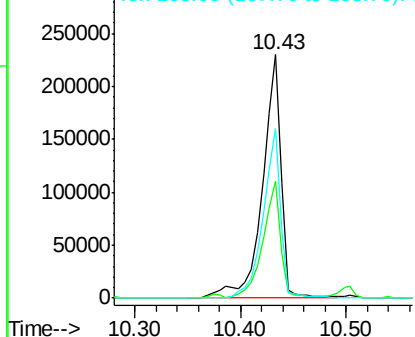


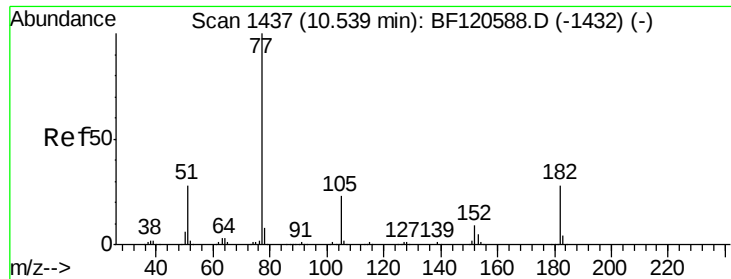
#62
4-Nitroaniline
Concen: 57.471 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.04 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:138 Resp: 284708
Ion Ratio Lower Upper
138 100
92 47.9 26.4 66.4
108 69.4 45.5 85.5



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





#63

Azobenzene

Concen: 60.812 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

Tot Ion: 77 Resp: 996655

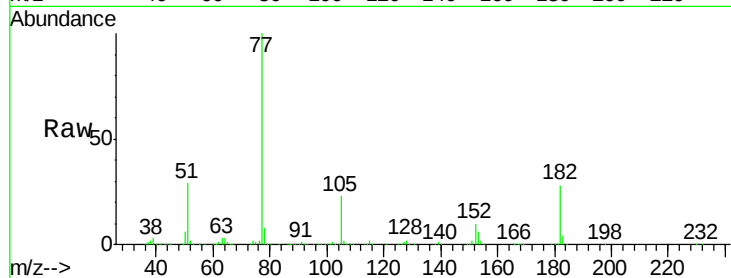
Ion Ratio Lower Upper

77 100

182 27.7 7.6 47.6

105 23.2 3.9 43.9

51 29.2 8.8 48.8

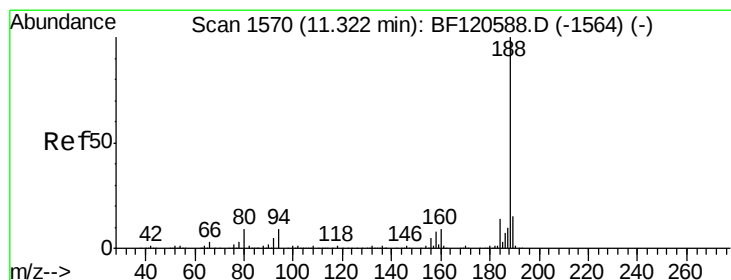
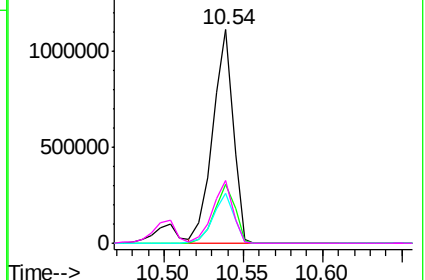
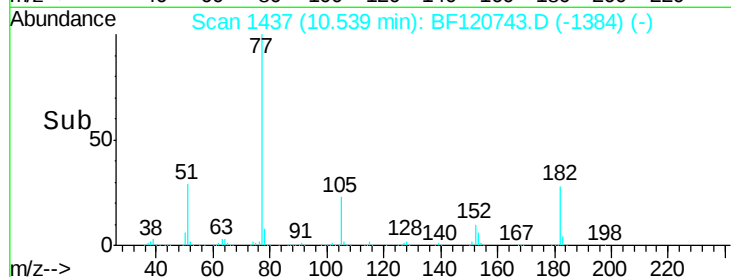


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

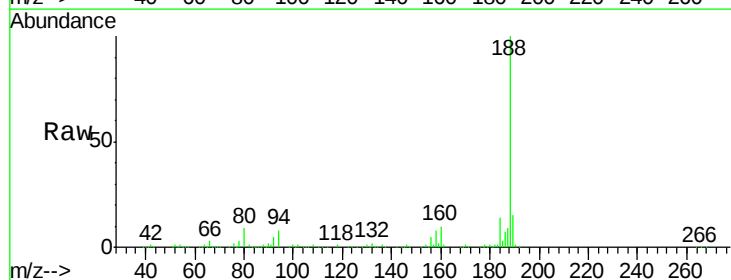
Tgt Ion: 188 Resp: 274326

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

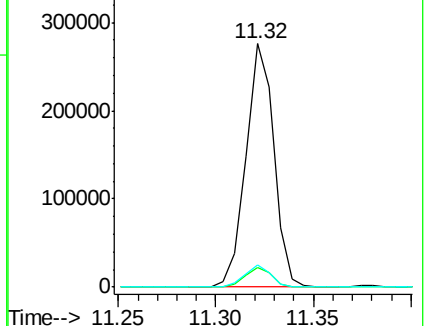
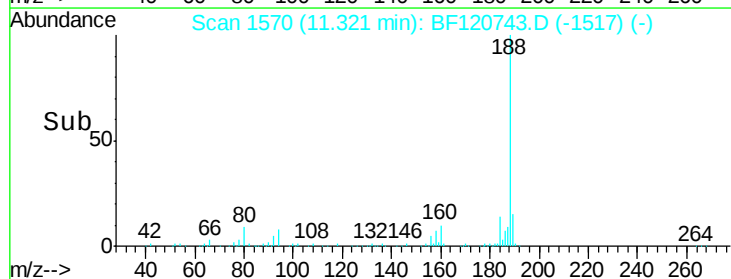
80 9.0 7.7 11.5

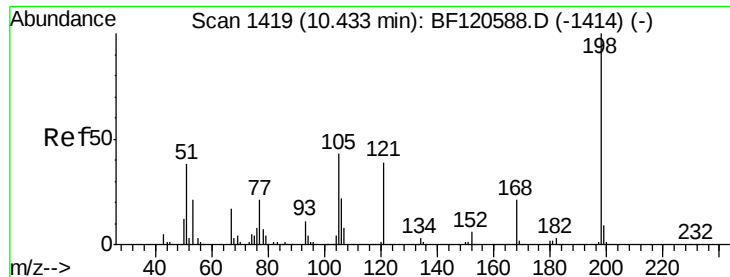


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 55.323 ng

RT: 10.44 min Scan# 1421

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

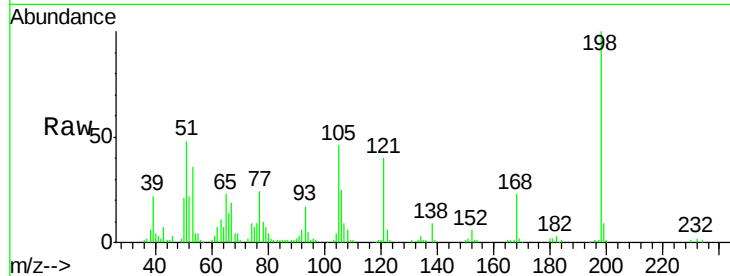
Tot Ion:198 Resp: 91065

Ion Ratio Lower Upper

198 100

51 48.1 23.6 63.6

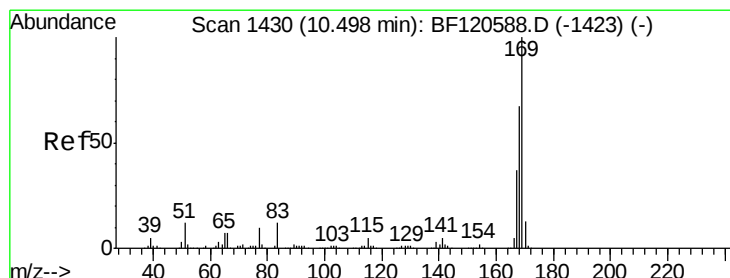
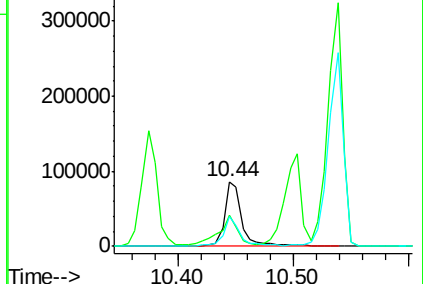
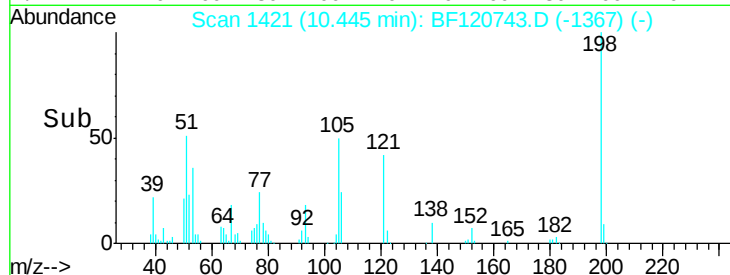
105 46.2 24.0 64.0



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: 111.395 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

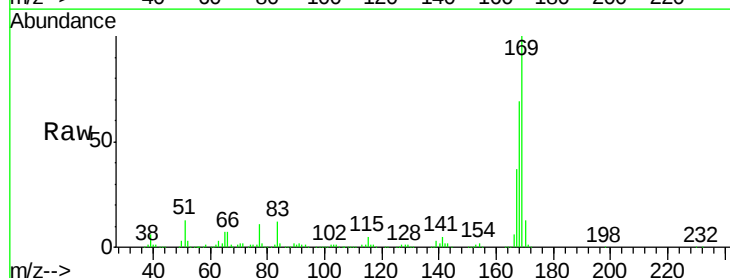
Tgt Ion:169 Resp: 938425

Ion Ratio Lower Upper

169 100

168 68.7 53.2 79.8

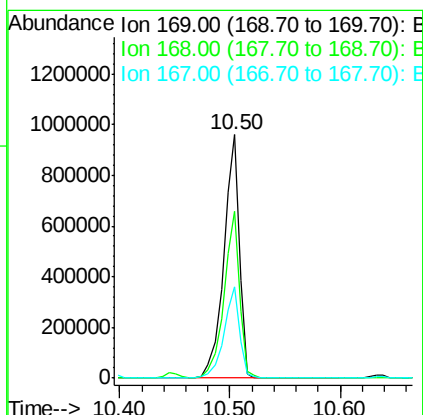
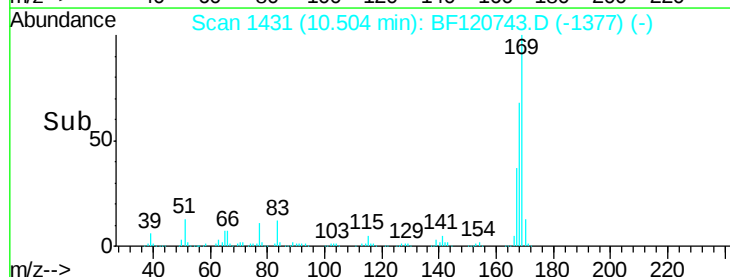
167 37.3 29.2 43.8

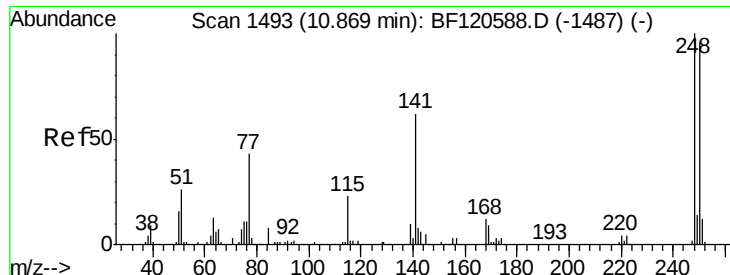


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

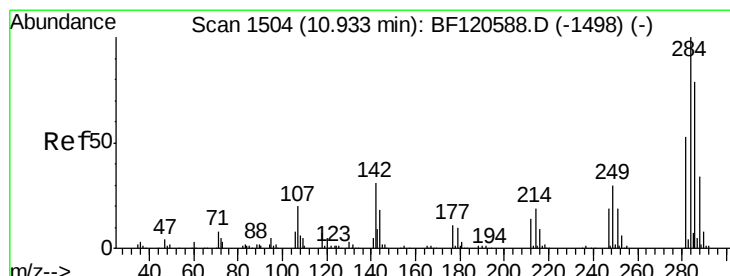
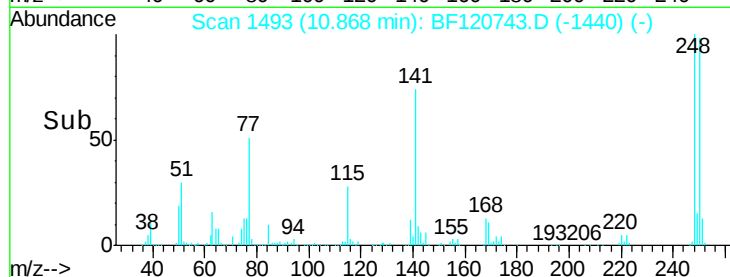
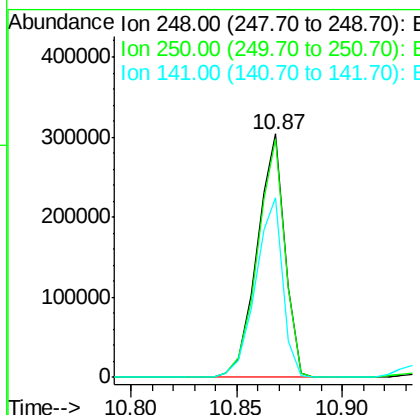
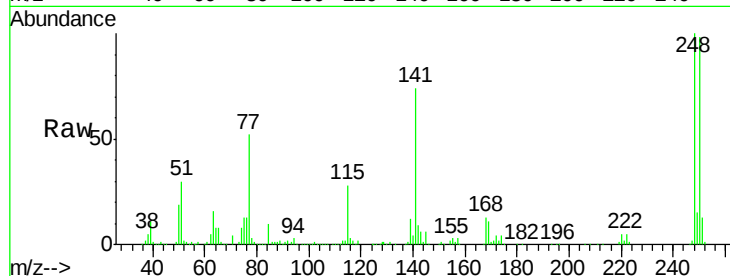




#67
 4-Bromophenyl-phenylether
 Concen: 88.772 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

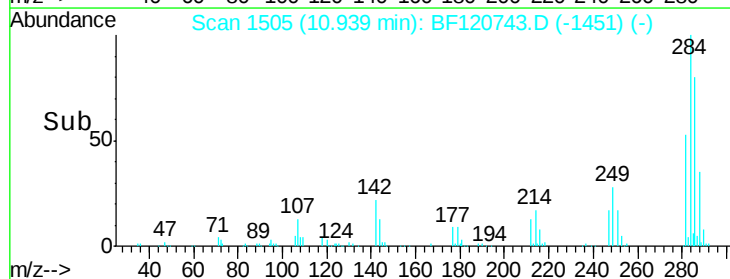
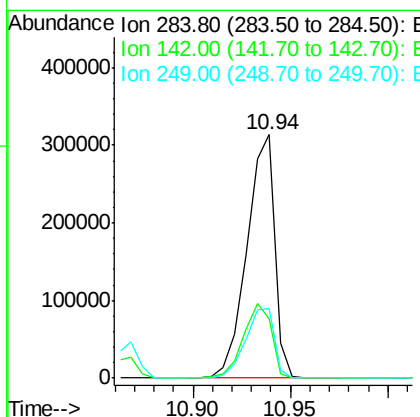
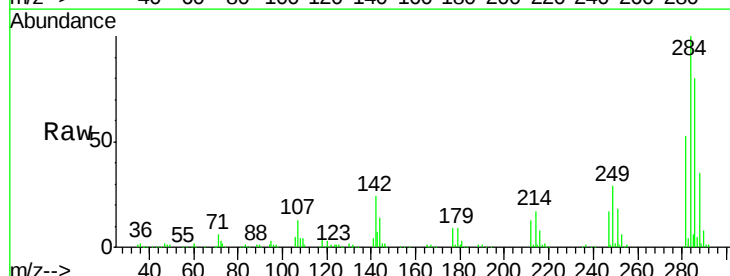
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

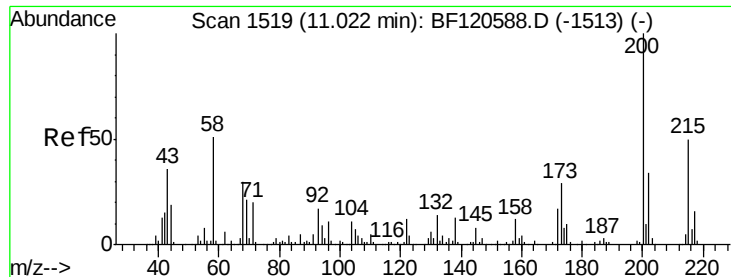
Tot Ion:248 Resp: 276382
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.8 116.6
 141 73.5 52.0 78.0



#68
 Hexachlorobenzene
 Concen: 92.434 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:284 Resp: 309411
 Ion Ratio Lower Upper
 284 100
 142 24.2 26.7 40.1#
 249 28.6 24.0 36.0





#69

Atrazine

Concen: 90.834 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

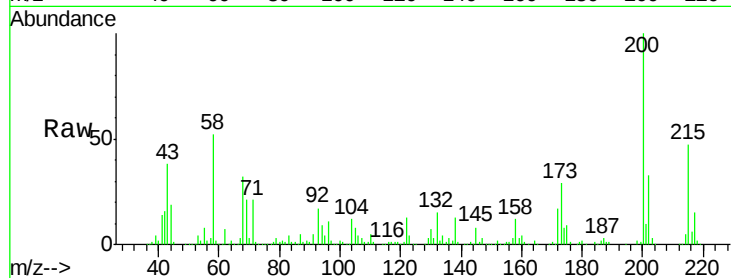
Tot Ion:200 Resp: 236795

Ion Ratio Lower Upper

200 100

173 29.2 6.7 46.7

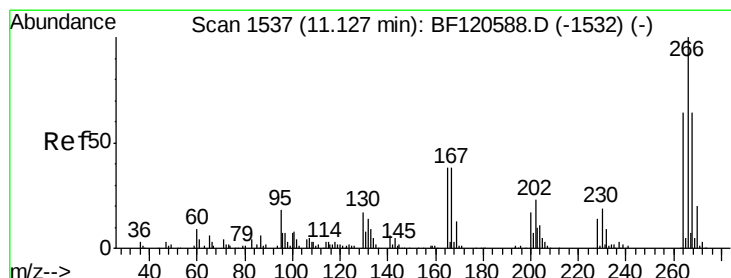
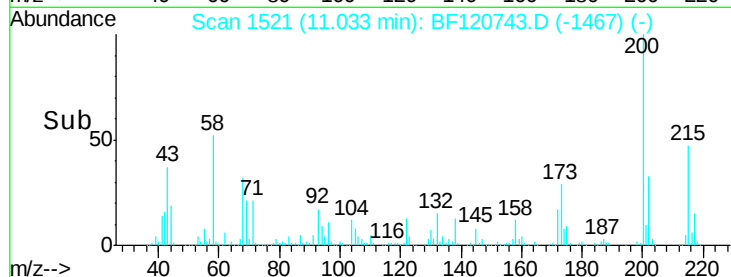
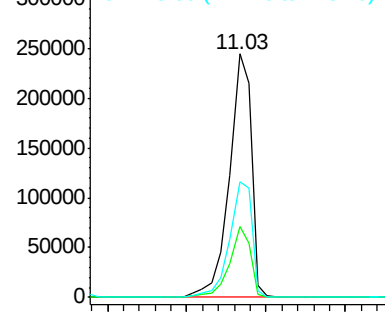
215 47.4 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.205 ng

RT: 11.14 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

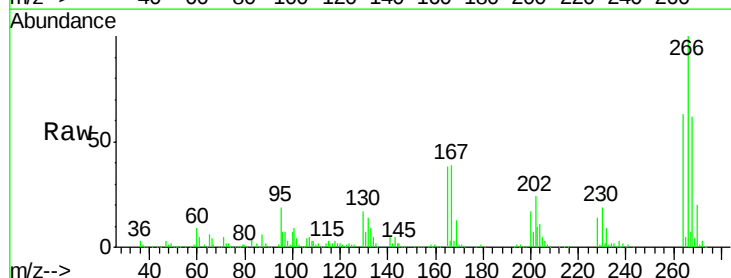
Tgt Ion:266 Resp: 193926

Ion Ratio Lower Upper

266 100

268 61.7 51.8 77.6

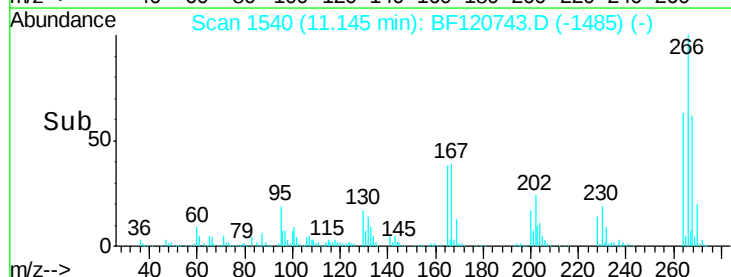
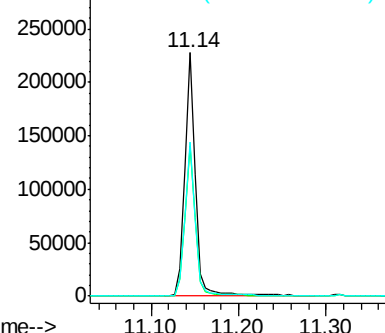
264 63.1 51.3 76.9

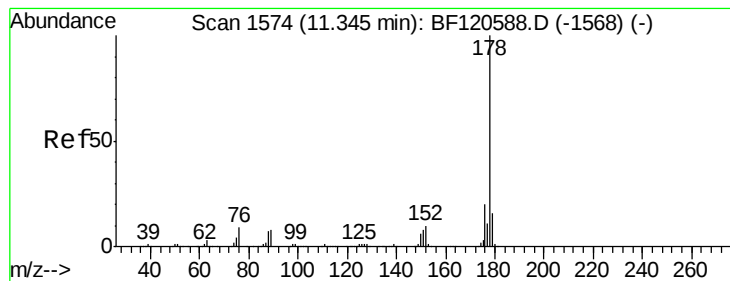


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.389 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

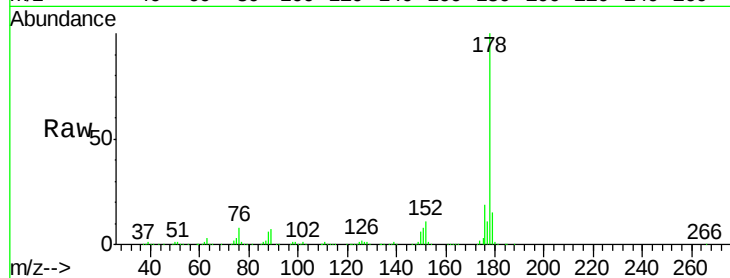
Tot Ion:178 Resp: 741684

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

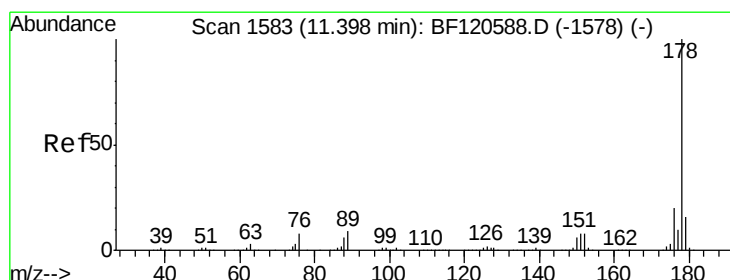
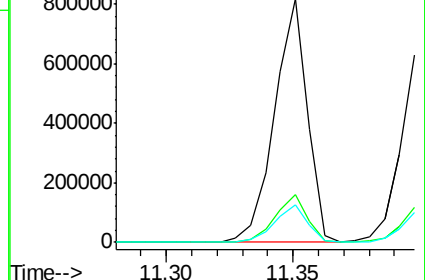
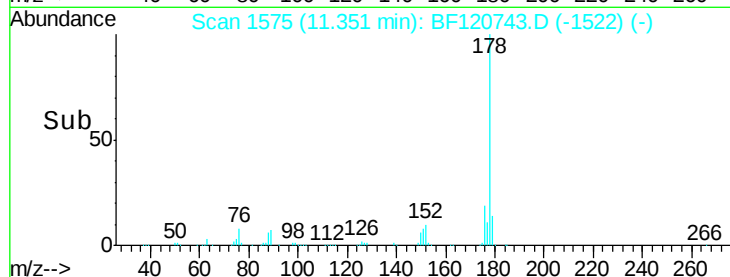
179 15.2 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.871 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

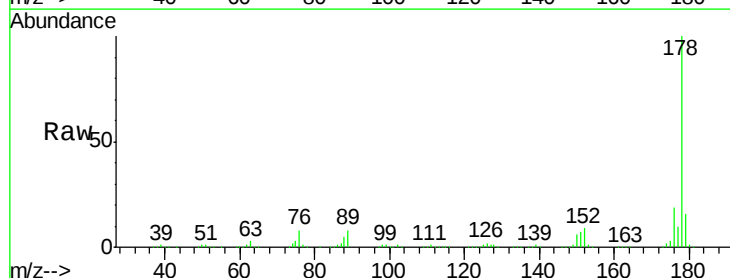
Tgt Ion:178 Resp: 767975

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.2

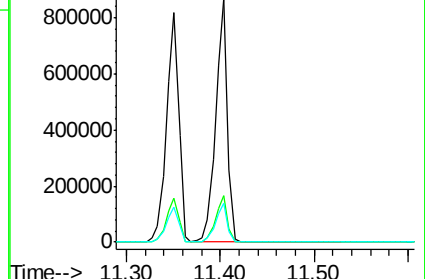
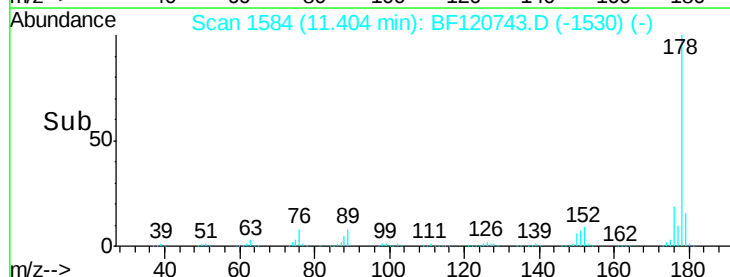
179 15.8 12.9 19.3

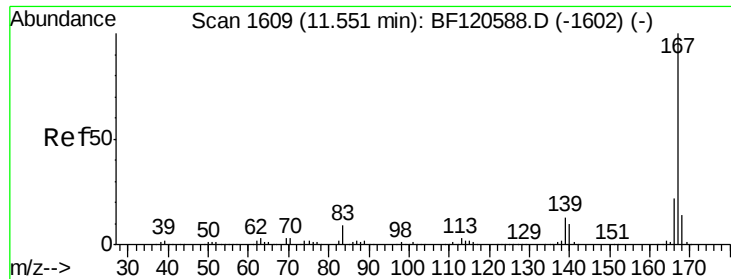


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

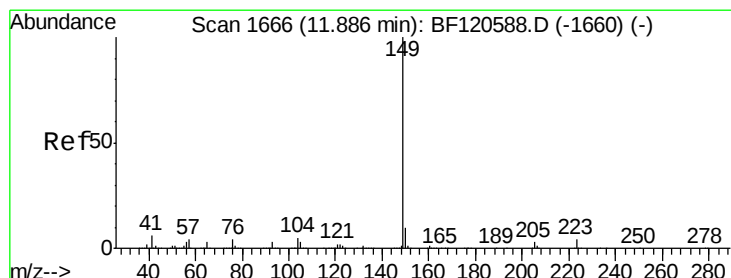
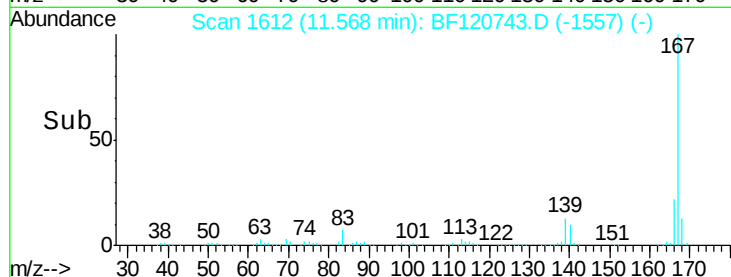
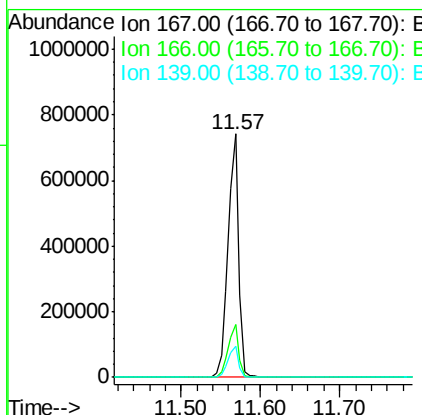
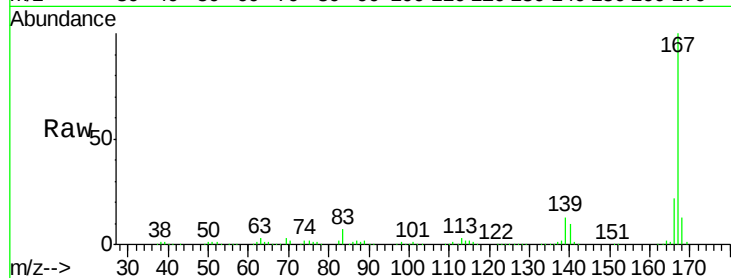




#73
 Carbazole
 Concen: 50.844 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

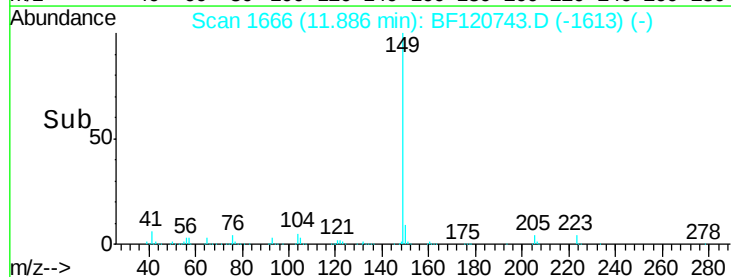
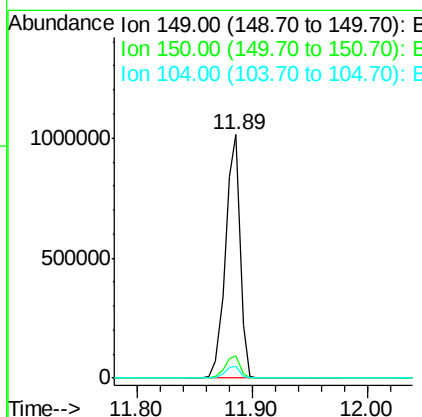
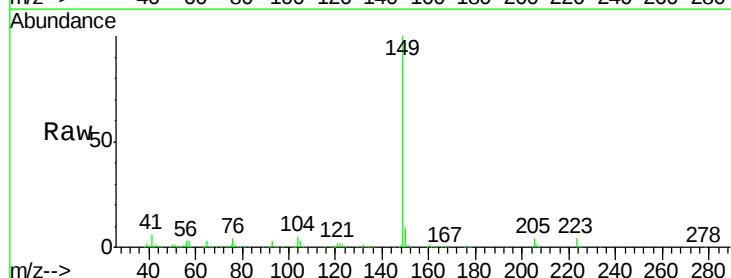
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

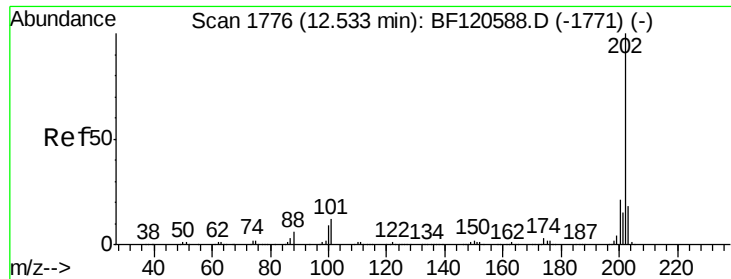
Tot Ion:167 Resp: 691817
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 57.844 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion:149 Resp: 884852
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 52.806 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

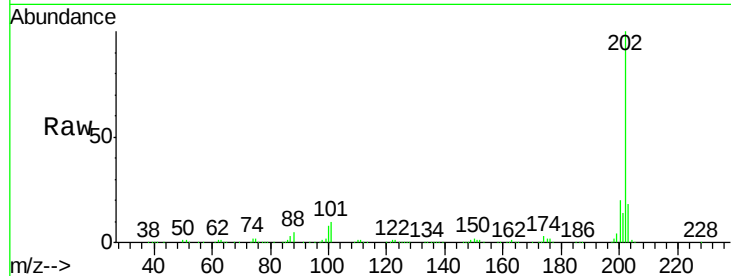
Tot Ion:202 Resp: 823306

Ion Ratio Lower Upper

202 100

101 10.3 0.0 29.8

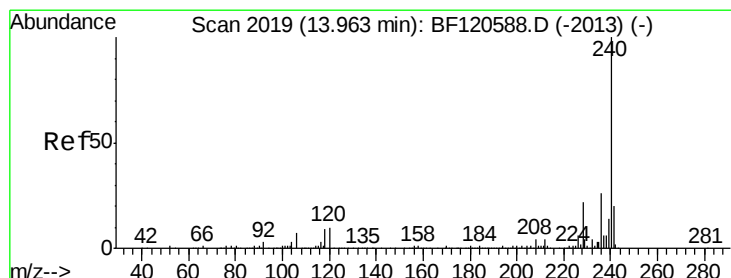
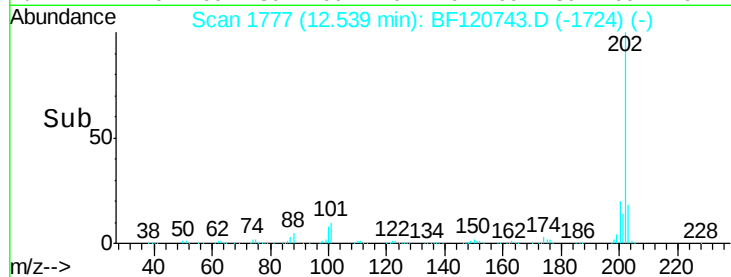
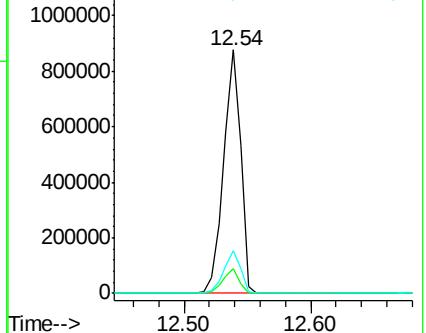
203 17.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

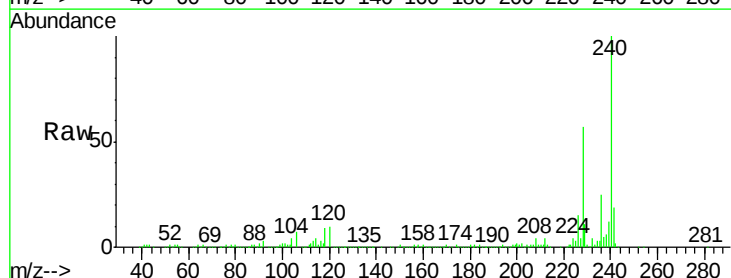
Tgt Ion:240 Resp: 209926

Ion Ratio Lower Upper

240 100

120 10.0 7.6 11.4

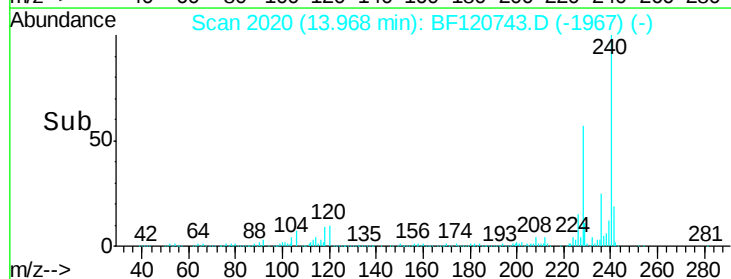
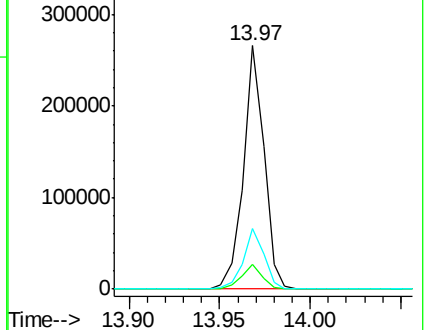
236 25.1 21.0 31.4

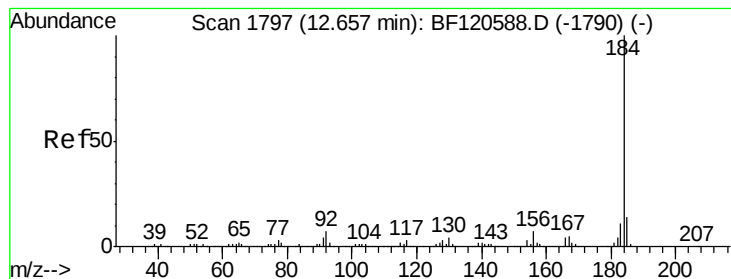


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.272 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

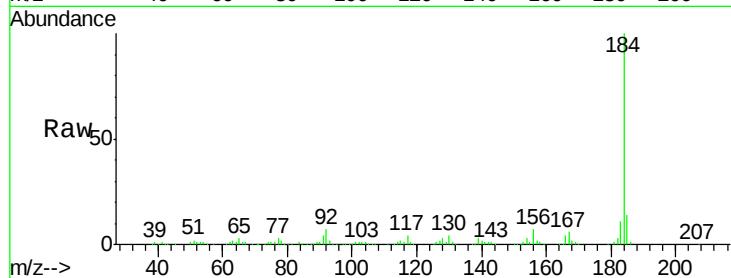
Tot Ion:184 Resp: 236215

Ion Ratio Lower Upper

184 100

185 13.9 11.9 17.9

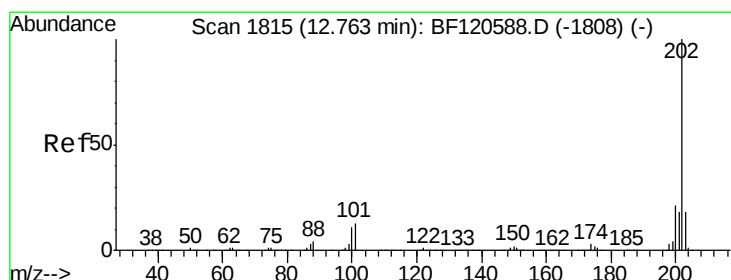
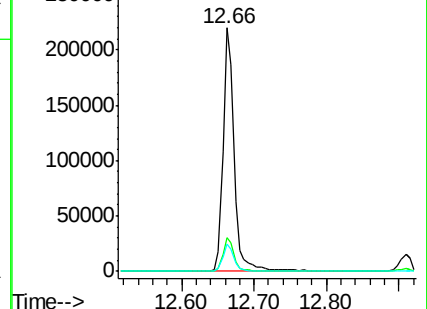
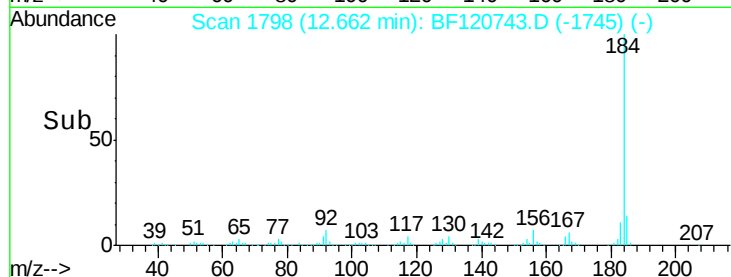
183 11.3 8.6 12.8



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: 54.408 ng

RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

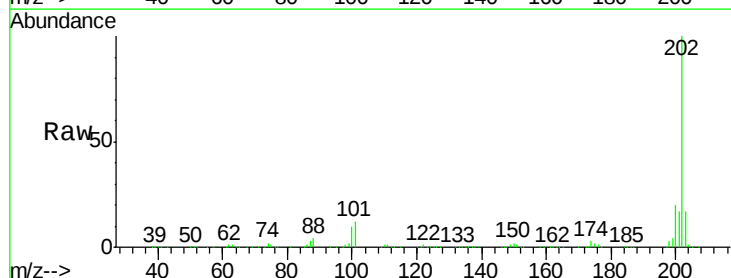
Tgt Ion:202 Resp: 809124

Ion Ratio Lower Upper

202 100

200 20.4 16.6 25.0

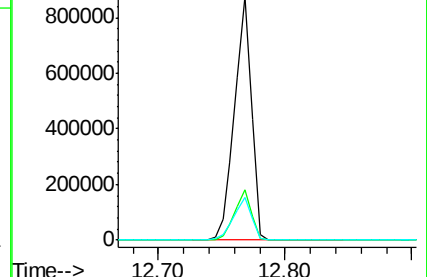
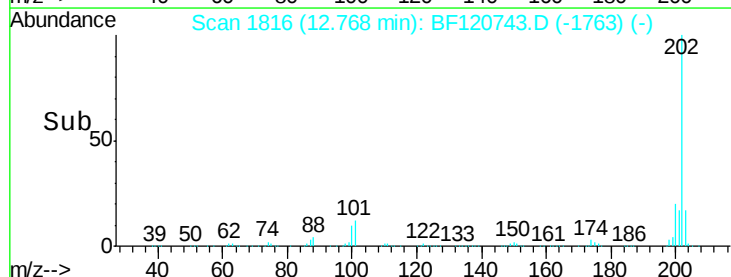
203 17.4 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 126.778 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

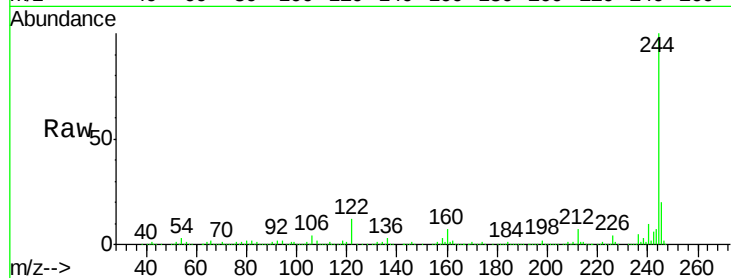
Tot Ion:244 Resp: 1204868

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

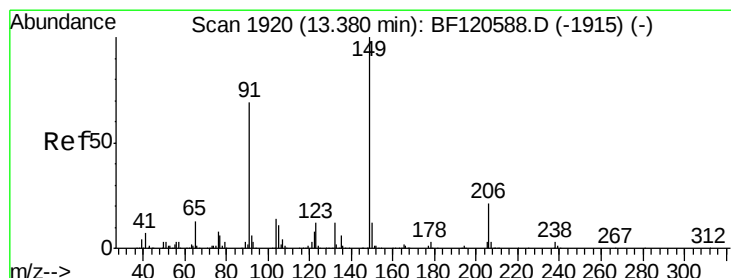
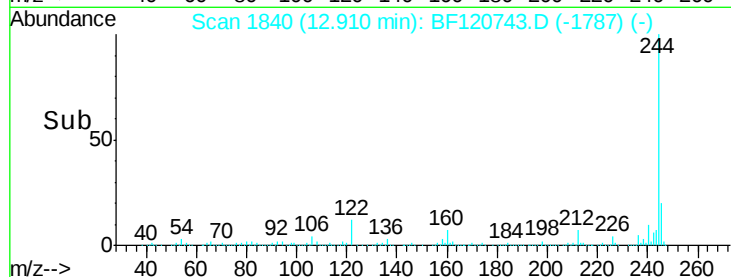
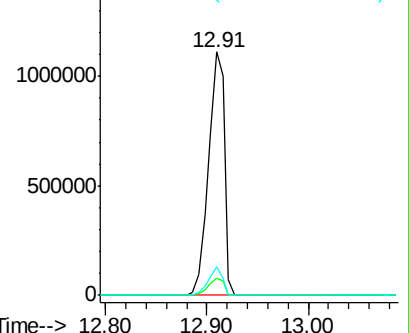
122 11.6 8.8 13.2



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: 57.412 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

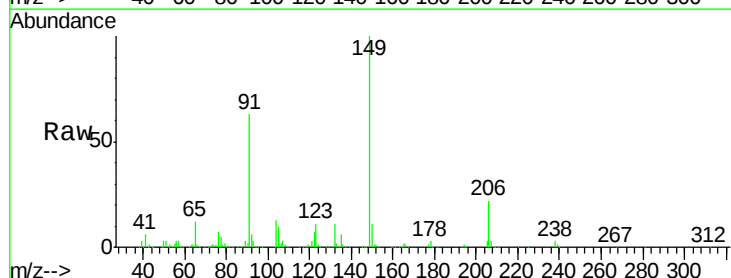
Tgt Ion:149 Resp: 379123

Ion Ratio Lower Upper

149 100

91 63.5 50.0 75.0

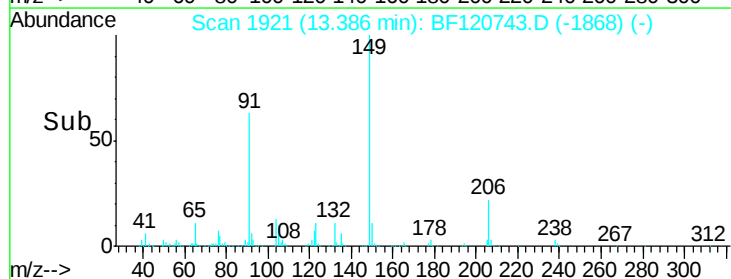
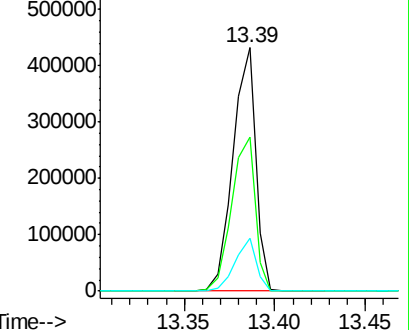
206 21.6 17.6 26.4



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: 56.142 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

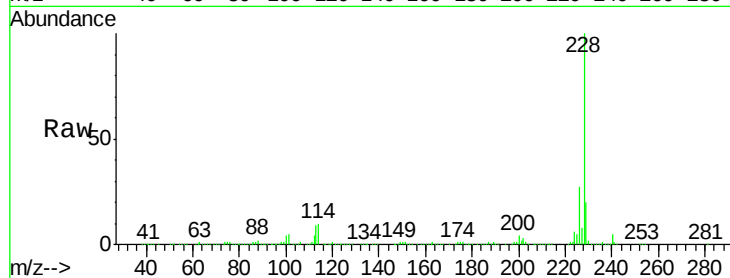
Tot Ion:228 Resp: 708075

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

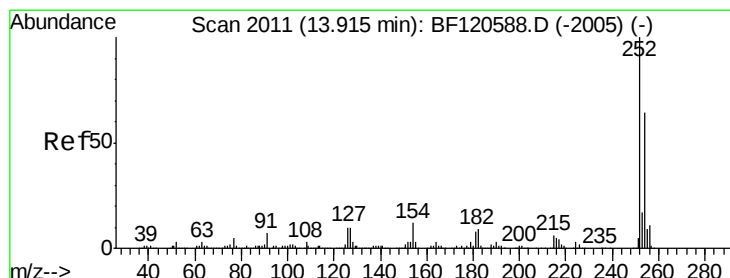
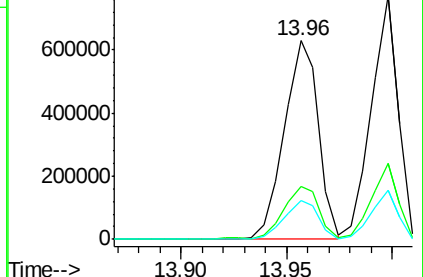
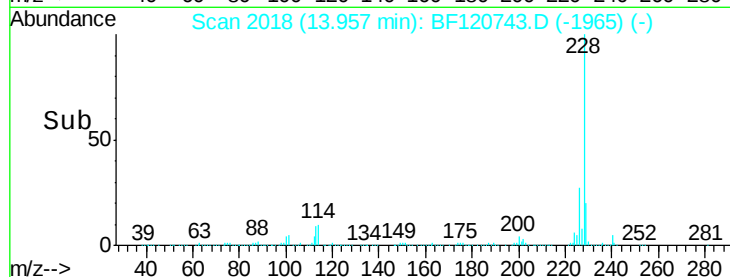
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.937 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

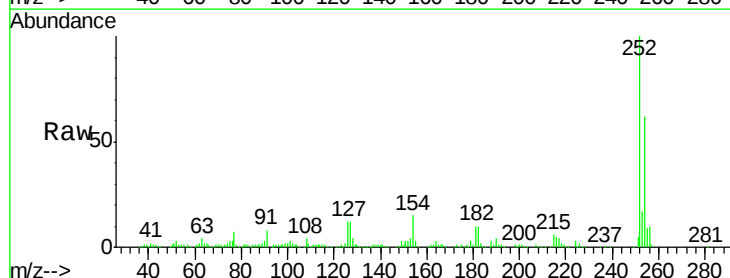
Tgt Ion:252 Resp: 226113

Ion Ratio Lower Upper

252 100

254 62.5 50.8 76.2

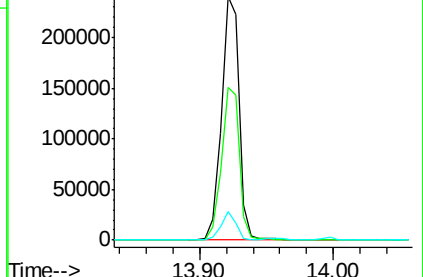
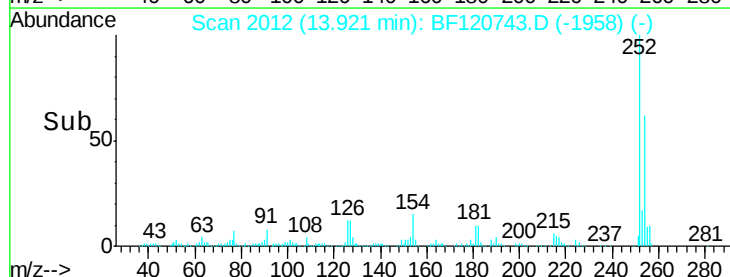
126 11.9 9.6 14.4

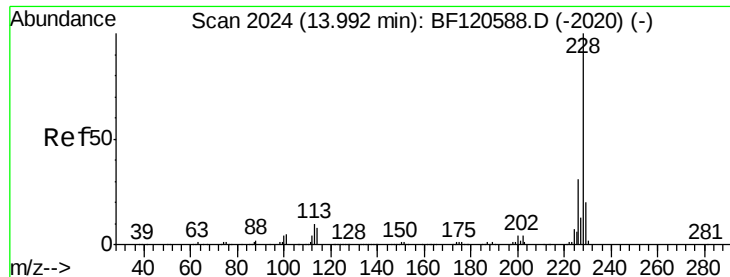


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 53.081 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

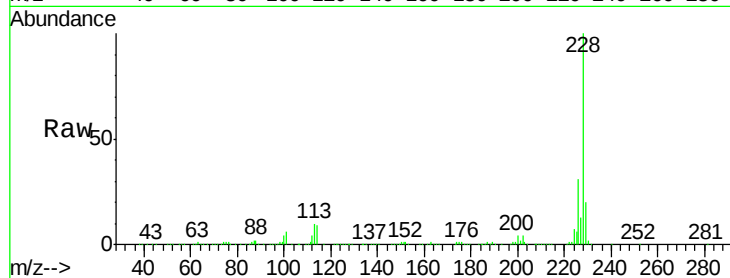
Tot Ion:228 Resp: 686712

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

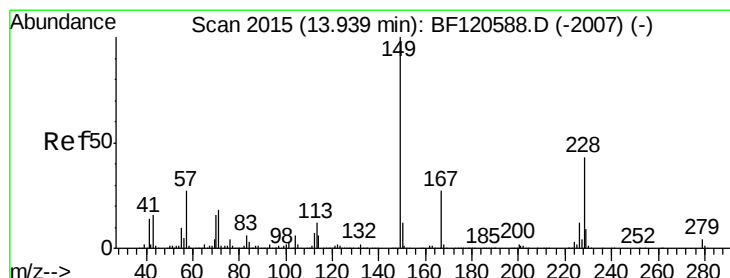
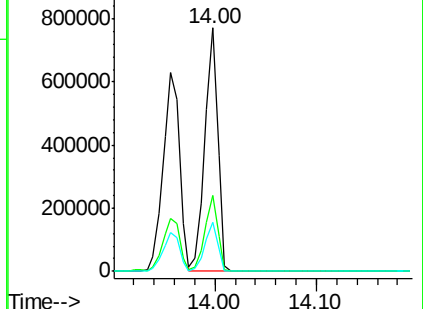
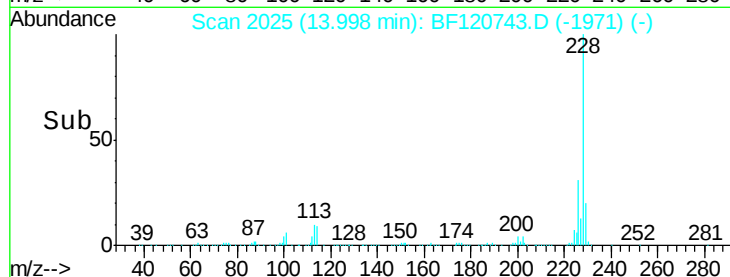
229 20.1 16.1 24.1



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: 66.678 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

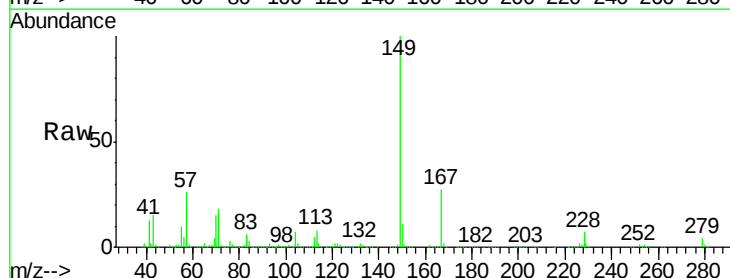
Tgt Ion:149 Resp: 537365

Ion Ratio Lower Upper

149 100

167 26.6 21.9 32.9

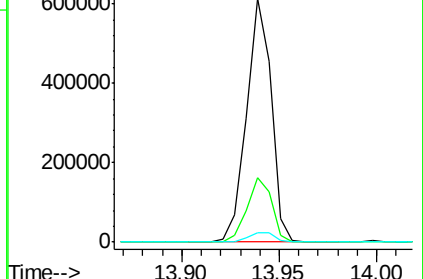
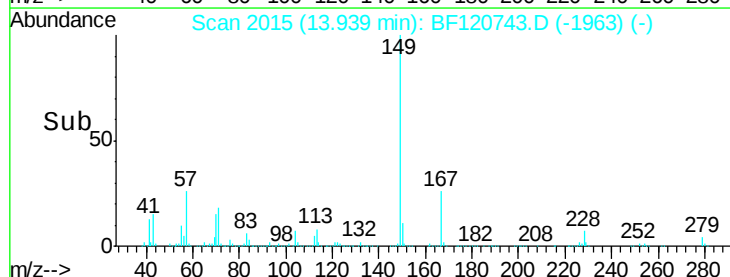
279 3.8 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

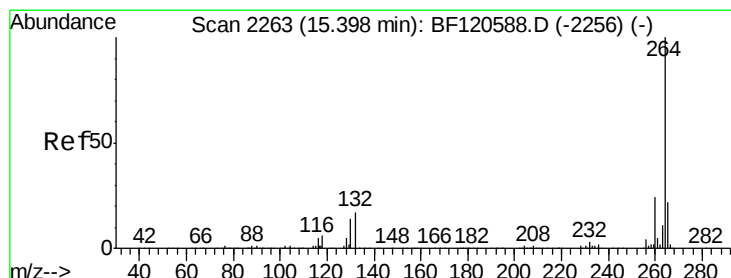
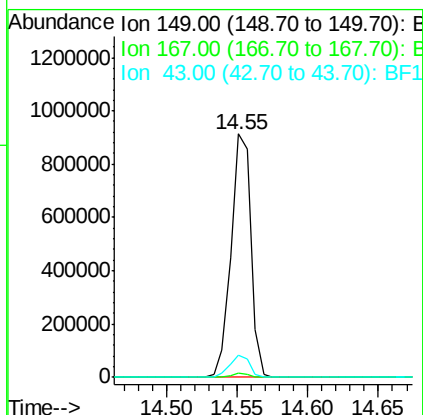
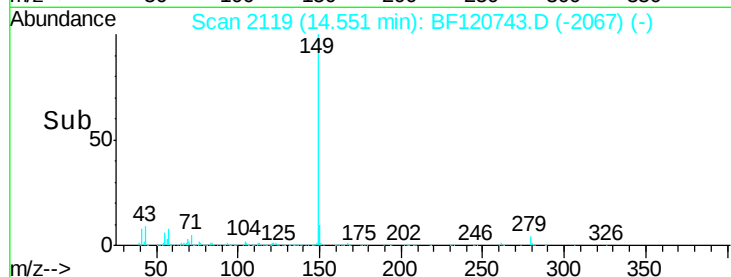
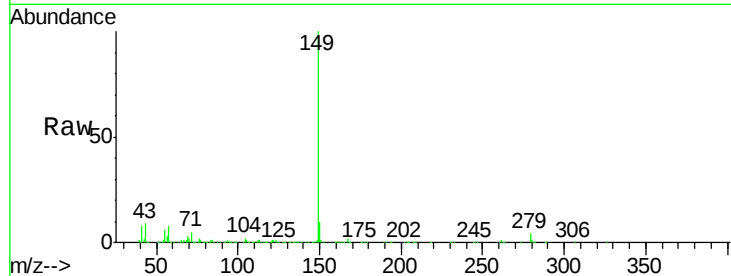




#85
Di-n-octyl phthalate
Concen: 58.009 ng
RT: 14.55 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

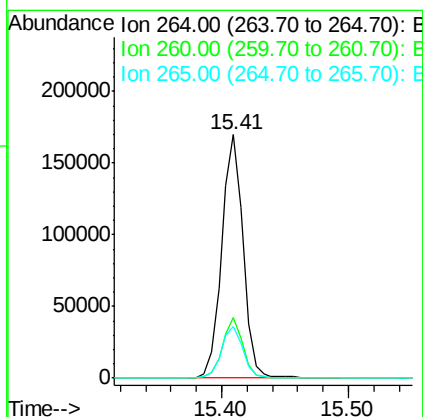
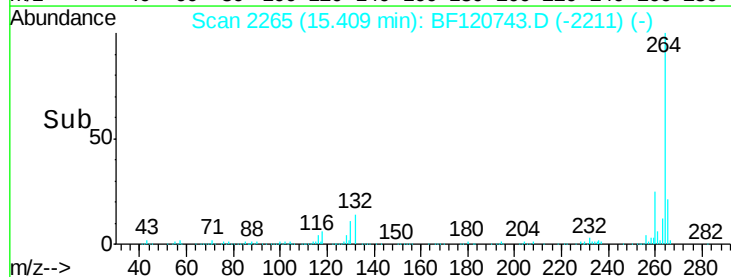
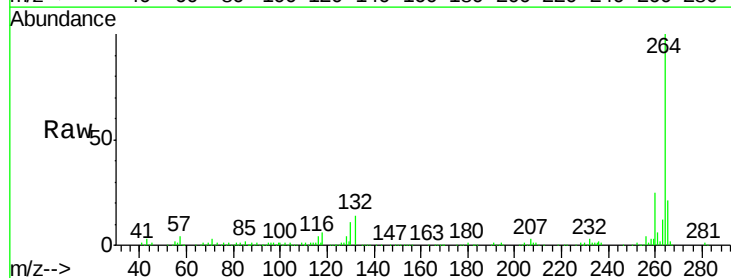
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

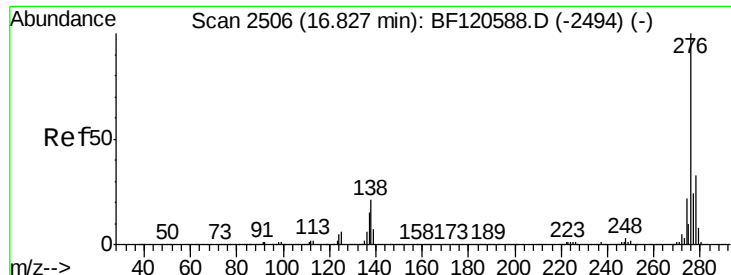
Tot Ion:149 Resp: 892208
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.9 7.3 10.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:264 Resp: 198924
Ion Ratio Lower Upper
264 100
260 24.7 19.4 29.2
265 21.4 17.4 26.0

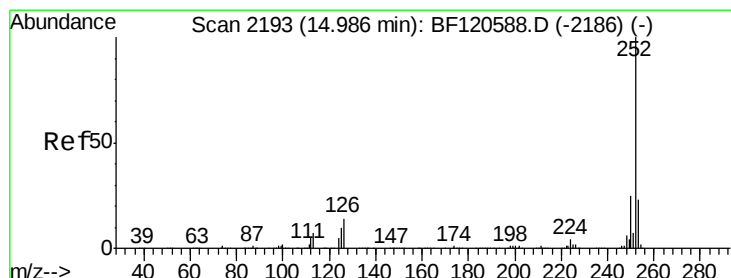
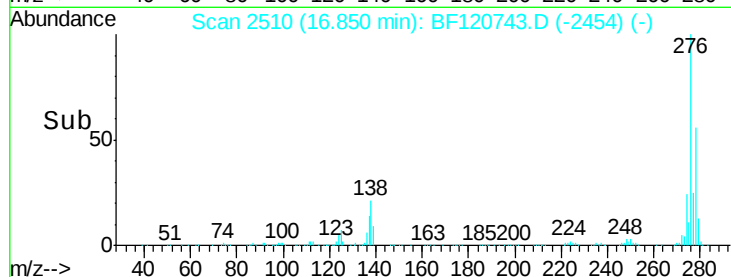
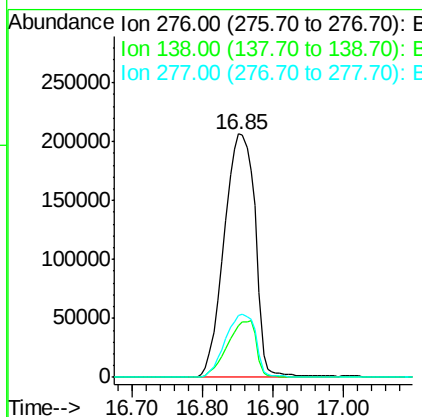
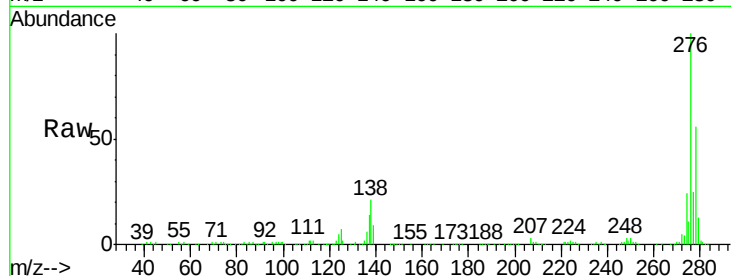




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.303 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.03 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

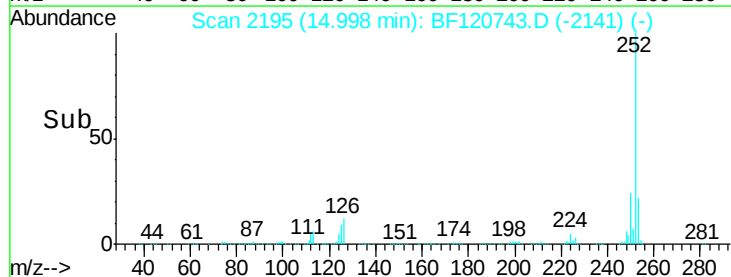
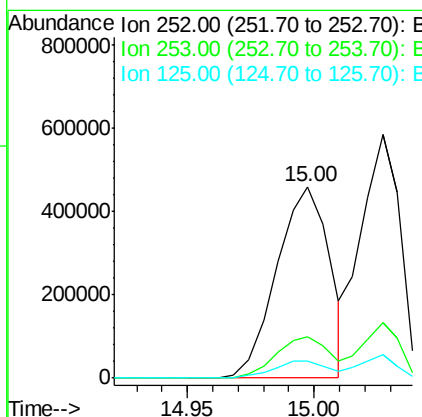
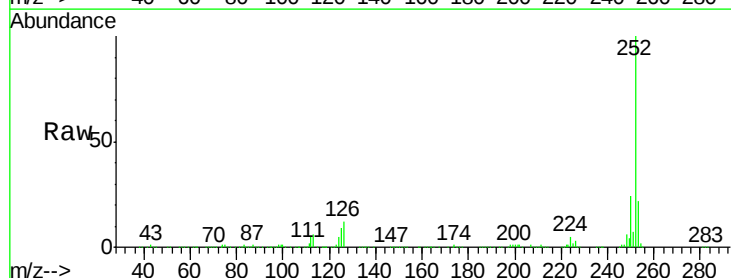
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-062420MS

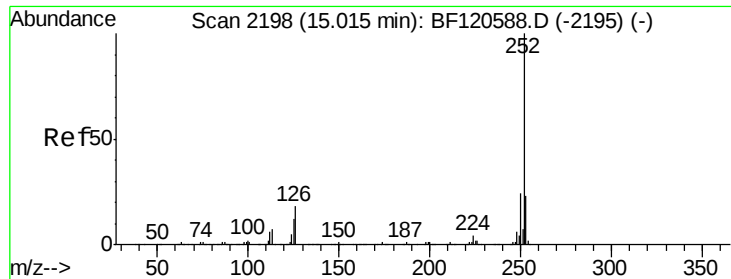
Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	18.4	27.6
277	25.8	19.8	29.8



#88
 Benzo(b)fluoranthene
 Concen: 56.366 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.02 min
 Lab File: BF120743.D
 Acq: 29 Jun 2020 22:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.2	7.9	11.9

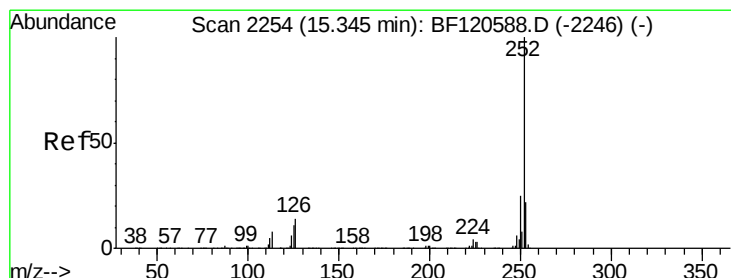
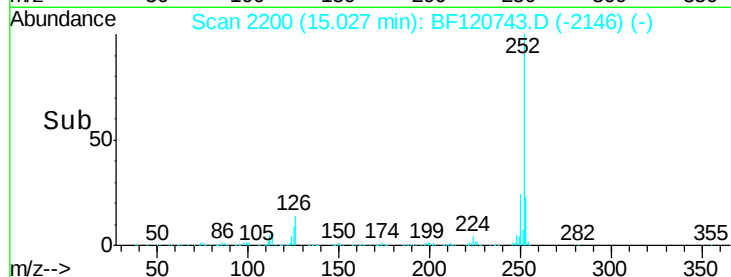
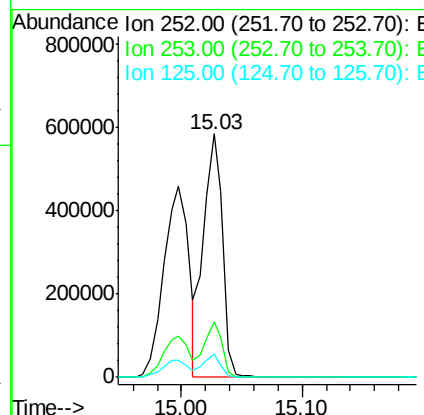
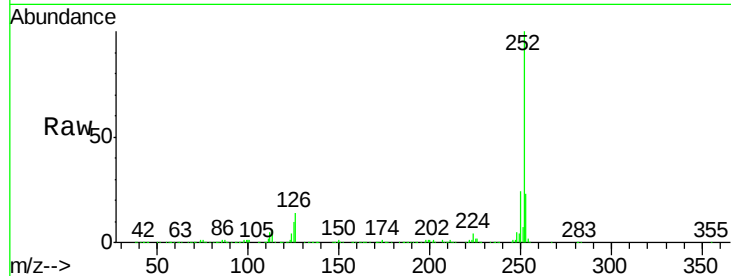




#89
Benzo(k)fluoranthene
Concen: 60.441 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

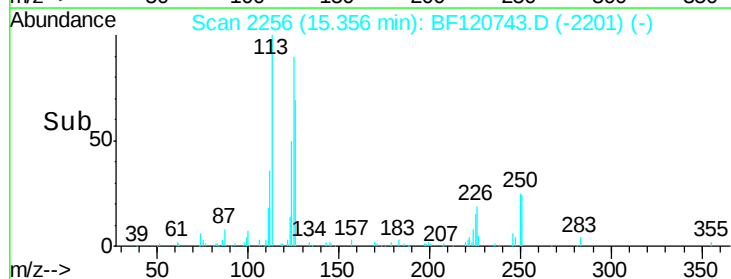
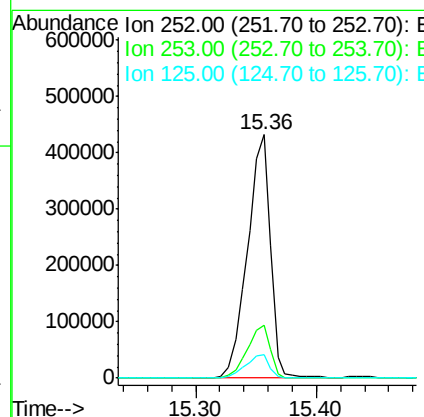
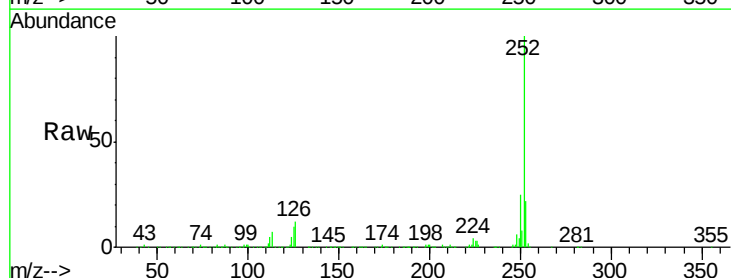
Instrument :
BNA_F
ClientSampleId :
CL-01-062420MS

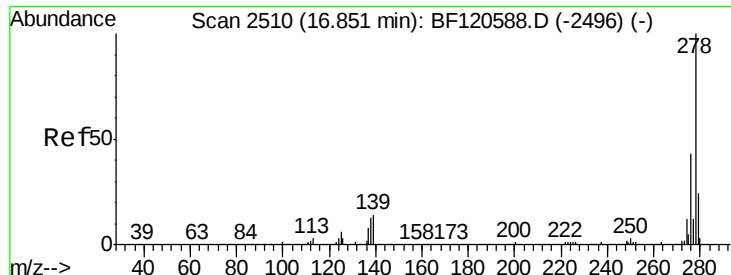
Tot Ion:252 Resp: 633735
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 54.208 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.02 min
Lab File: BF120743.D
Acq: 29 Jun 2020 22:34

Tgt Ion:252 Resp: 574868
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 9.7 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 55.181 ng

RT: 16.87 min Scan# 2513

Delta R.T. 0.03 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

Instrument :

BNA_F

ClientSampleId :

CL-01-062420MS

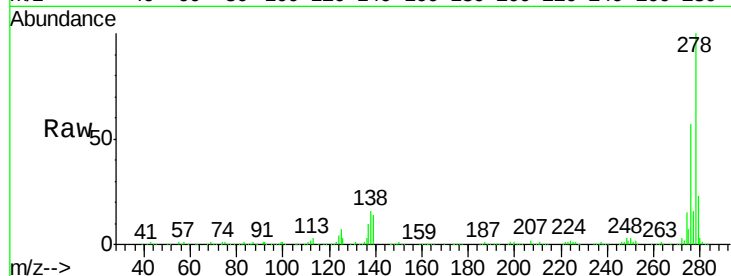
Tot Ion:278 Resp: 535432

Ion Ratio Lower Upper

278 100

139 14.3 11.9 17.9

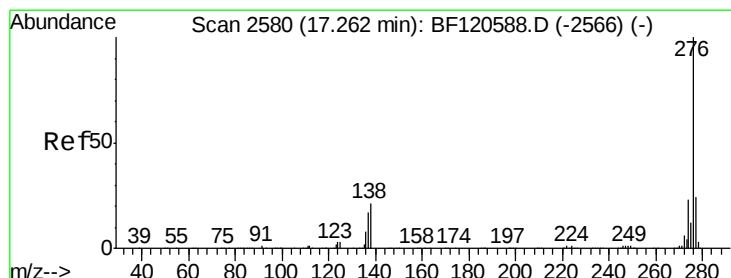
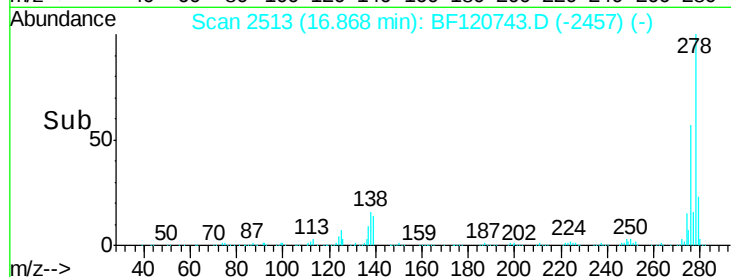
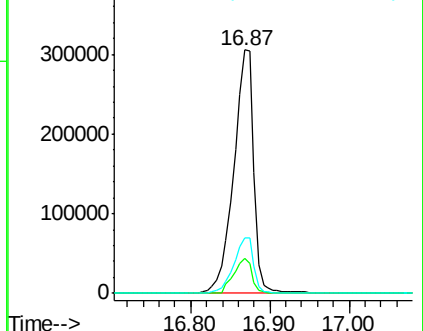
279 23.0 19.2 28.8



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: 51.108 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.04 min

Lab File: BF120743.D

Acq: 29 Jun 2020 22:34

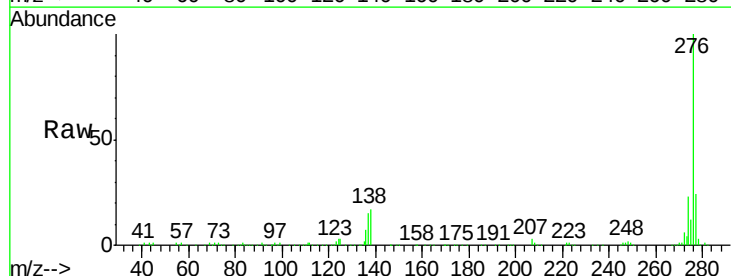
Tgt Ion:276 Resp: 499858

Ion Ratio Lower Upper

276 100

277 23.5 18.3 27.5

138 16.8 16.6 24.8



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

