

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120994.D
 Acq On : 23 Jul 2020 21:56
 Operator : JU/CG
 Sample : L3379-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:49:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	160890	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	617869	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	325734	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	632825	20.00	ng	0.00
76) Chrysene-d12	13.97	240	489823	20.00	ng	0.00
86) Perylene-d12	15.42	264	488033	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	960626	97.88	ng	0.02
7) Phenol-d6	6.45	99	1121352	88.45	ng	0.00
23) Nitrobenzene-d5	7.38	82	804553	75.35	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	392994	110.22	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1481061	67.89	ng	0.00
79) Terphenyl-d14	12.92	244	1548770	68.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	156627	34.676	ng	# 85
3) Pyridine	3.40	79	148323	12.344	ng	98
4) n-Nitrosodimethylamine	3.31	42	183613	35.736	ng	97
6) Aniline	6.47	93	192802	11.651	ng	96
8) 2-Chlorophenol	6.60	128	421590	38.994	ng	99
9) Benzaldehyde	6.36	77	265901	44.632	ng	99
10) Phenol	6.46	94	446366	32.008	ng	98
11) bis(2-Chloroethyl)ether	6.55	93	405990	37.987	ng	98
12) 1,3-Dichlorobenzene	6.76	146	431076	36.770	ng	98
13) 1,4-Dichlorobenzene	6.83	146	437367	37.518	ng	98
14) 1,2-Dichlorobenzene	6.98	146	418432	37.941	ng	99
15) Benzyl Alcohol	6.96	79	339717	37.892	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	566961	36.804	ng	98
17) 2-Methylphenol	7.07	107	330821	34.523	ng	99
18) Hexachloroethane	7.33	117	160935	38.142	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	266963	37.033	ng	97
20) 3+4-Methylphenols	7.22	107	375961	30.842	ng	# 83
22) Acetophenone	7.22	105	534802	38.567	ng	# 95
24) Nitrobenzene	7.40	77	423427	36.791	ng	97
25) Isophorone	7.63	82	793361	37.228	ng	97
26) 2-Nitrophenol	7.71	139	222527	40.711	ng	96
27) 2,4-Dimethylphenol	7.75	122	368597	41.534	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	509139	39.138	ng	99
29) 2,4-Dichlorophenol	7.95	162	354550	39.097	ng	96
30) 1,2,4-Trichlorobenzene	8.04	180	380241	37.793	ng	98
31) Naphthalene	8.12	128	1190060	37.549	ng	100
32) Benzoic acid	7.87	122	260062	39.038	ng	93
33) 4-Chloroaniline	8.16	127	156700	11.083	ng	99
34) Hexachlorobutadiene	8.24	225	216792	36.551	ng	99
35) Caprolactam	8.54	113	93990	32.320	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	364874	39.231	ng	98
37) 2-Methylnaphthalene	8.81	142	806588	39.195	ng	100
38) 1-Methylnaphthalene	8.91	142	759050	38.945	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	361532	38.094	ng	99

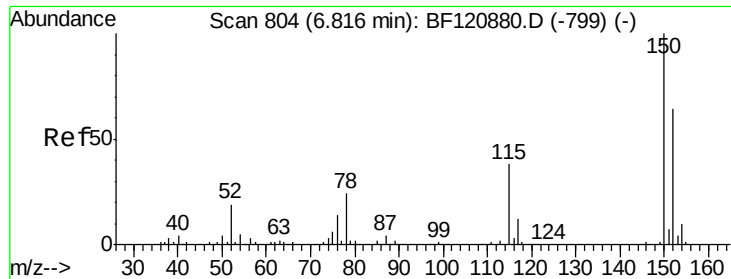
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120994.D
 Acq On : 23 Jul 2020 21:56
 Operator : JU/CG
 Sample : L3379-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:49:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	383638	73.141	nq	97
43) 2,4,6-Trichlorophenol	9.09	196	263640	39.454	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	284886	37.585	nq	99
46) 1,1'-Biphenyl	9.27	154	973750	39.190	nq	99
47) 2-Chloronaphthalene	9.30	162	751431	37.093	nq	99
48) 2-Nitroaniline	9.39	65	236780	38.677	nq	98
49) Acenaphthylene	9.72	152	1214743	38.599	nq	99
50) Dimethylphthalate	9.57	163	1147547	48.832	nq	99
51) 2,6-Dinitrotoluene	9.63	165	202873	40.183	nq	96
52) Acenaphthene	9.89	154	807207	40.343	nq	100
53) 3-Nitroaniline	9.80	138	107383	16.959	nq	97
54) 2,4-Dinitrophenol	9.91	184	172612	61.158	nq	# 86
55) Dibenzofuran	10.06	168	1084844	37.494	nq	99
56) 4-Nitrophenol	9.97	139	327361	68.059	nq	97
57) 2,4-Dinitrotoluene	10.04	165	271823	40.999	nq	99
58) Fluorene	10.40	166	786978	36.468	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	240608	41.692	nq	98
60) Diethylphthalate	10.27	149	927930	39.039	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	389147	33.809	nq	97
62) 4-Nitroaniline	10.42	138	207725	33.678	nq	100
63) Azobenzene	10.55	77	857924	37.913	nq	99
65) 4,6-Dinitro-2-methylphenol	10.45	198	125190	35.287	nq	98
66) n-Nitrosodiphenylamine	10.51	169	768599	38.609	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	266910	37.830	nq	95
68) Hexachlorobenzene	10.95	284	296391	38.834	nq	93
69) Atrazine	11.04	200	222416	45.113	nq	99
70) Pentachlorophenol	11.14	266	351323	80.351	nq	99
71) Phenanthrene	11.36	178	1207685	37.107	nq	99
72) Anthracene	11.41	178	1273596	38.970	nq	100
73) Carbazole	11.56	167	1182381	36.456	nq	99
74) Di-n-butylphthalate	11.90	149	1490357	39.820	nq	100
75) Fluoranthene	12.55	202	1366004	37.866	nq	99
77) Benzidine	12.67	184	191936	14.904	nq	98
78) Pyrene	12.77	202	1397087	40.342	nq	100
80) Butylbenzylphthalate	13.39	149	658377	42.647	nq	98
81) Benzo(a)anthracene	13.96	228	1069577	36.060	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	333263	29.781	nq	97
83) Chrysene	14.00	228	1192445	38.255	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	945950	49.691	nq	100
85) Di-n-octyl phthalate	14.56	149	1590482	41.994	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1258811	37.088	nq	99
88) Benzo(b)fluoranthene	15.00	252	1266053	42.917	nq	100
89) Benzo(k)fluoranthene	15.03	252	1058511	39.344	nq	99
90) Benzo(a)pyrene	15.36	252	1051966	39.085	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1063371	38.355	nq	98
92) Benzo(g,h,i)perylene	17.27	276	1022082	37.389	nq	98

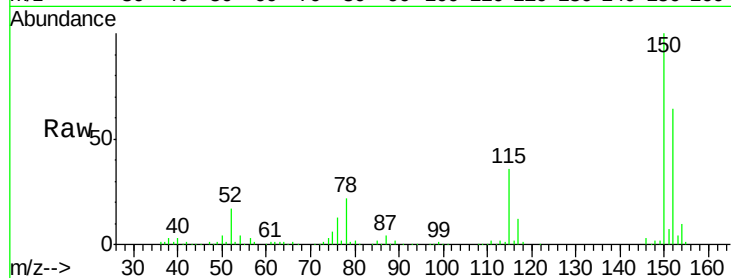
(#) = qualifier out of range (m) = manual integration (+) = signals summed



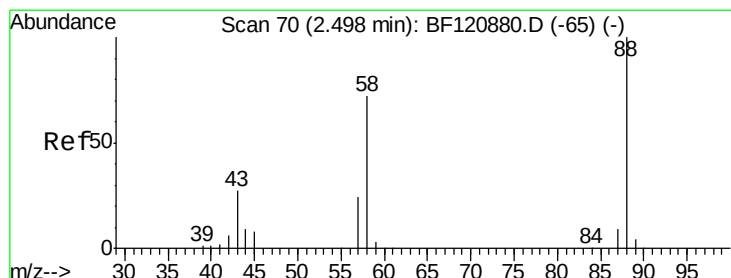
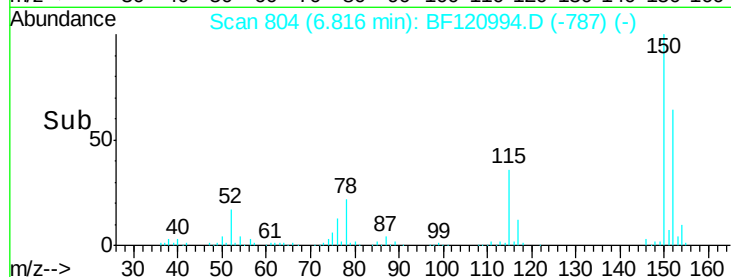
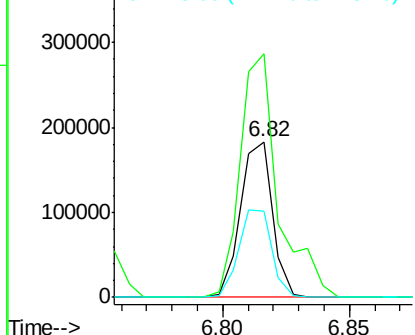
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 160890
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.0 187.6
 115 55.8 47.0 70.4

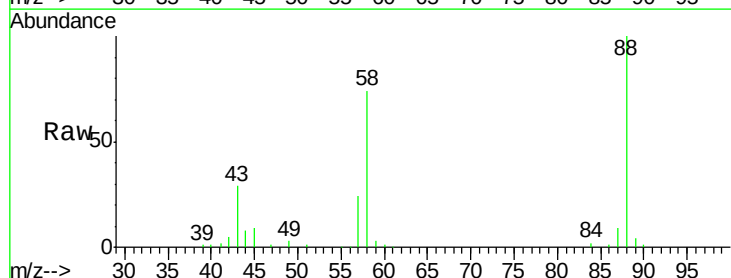


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

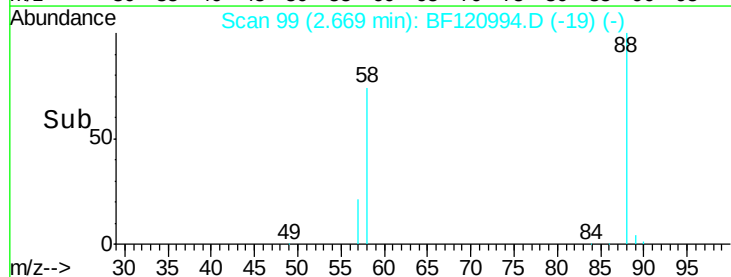
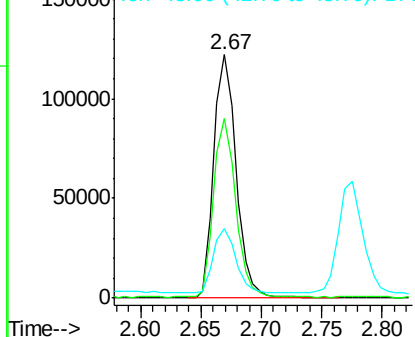


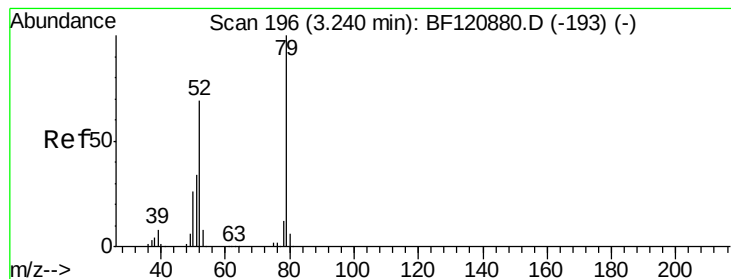
#2
 1,4-Dioxane
 Concen: 34.676 ng
 RT: 2.67 min Scan# 99
 Delta R.T. 0.17 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion: 88 Resp: 156627
 Ion Ratio Lower Upper
 88 100
 58 72.6 58.2 87.2
 43 0.0 22.1 33.1#



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 12.344 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.16 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

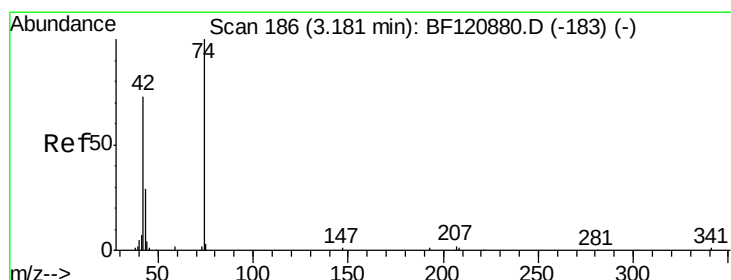
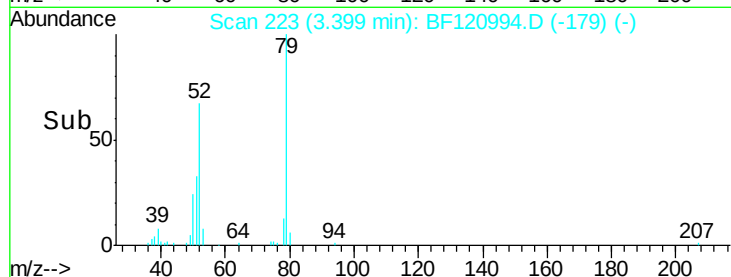
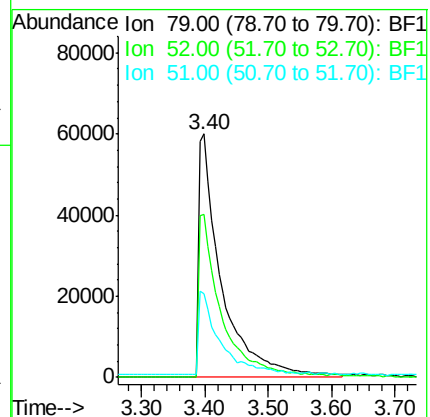
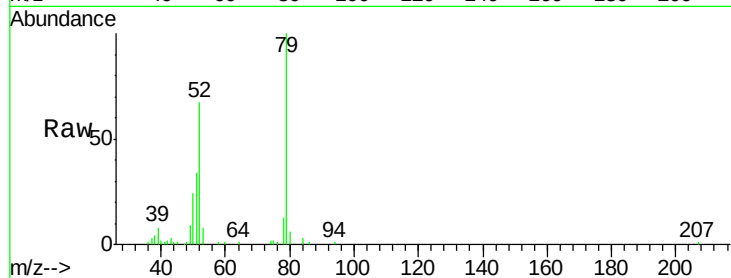
Tot Ion: 79 Resp: 148323

Ion Ratio Lower Upper

79 100

52 66.8 55.0 82.6

51 34.2 26.9 40.3



#4

n-Nitrosodimethylamine

Concen: 35.736 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.13 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

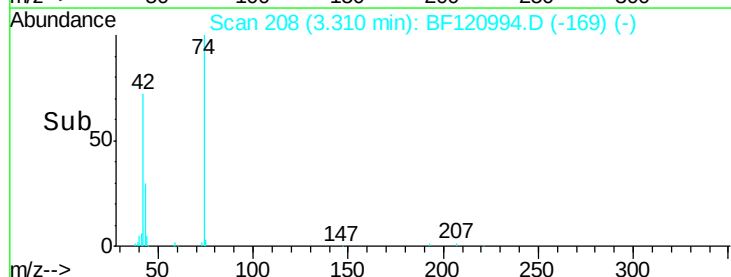
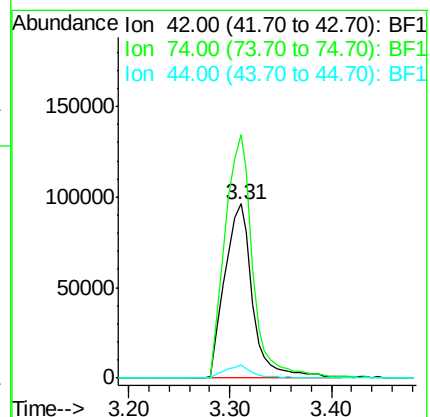
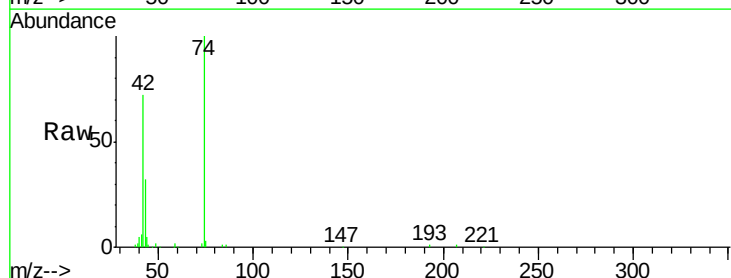
Tgt Ion: 42 Resp: 183613

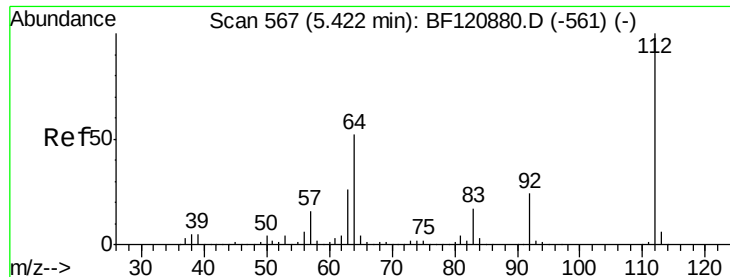
Ion Ratio Lower Upper

42 100

74 139.8 108.7 163.1

44 7.3 5.2 7.8





#5

2-Fluorophenol

Concen: 97.881 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

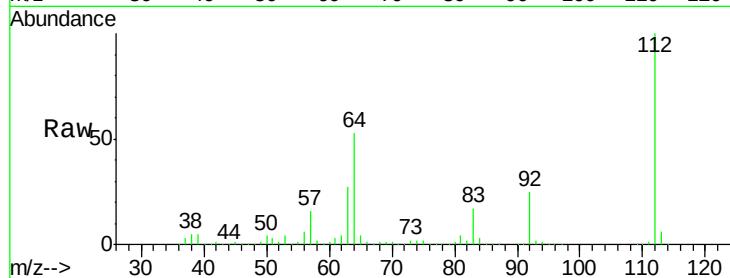
Tot Ion:112 Resp: 960626

Ion Ratio Lower Upper

112 100

64 52.6 41.3 61.9

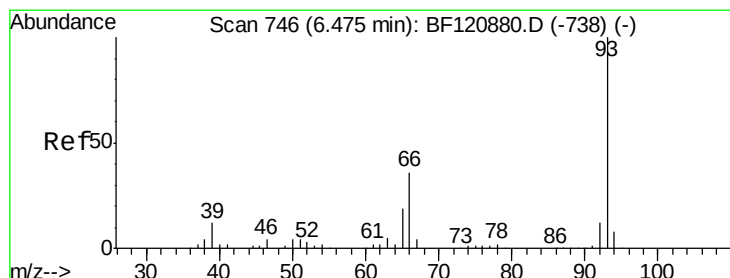
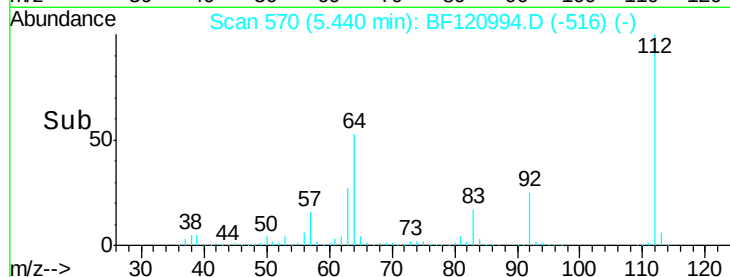
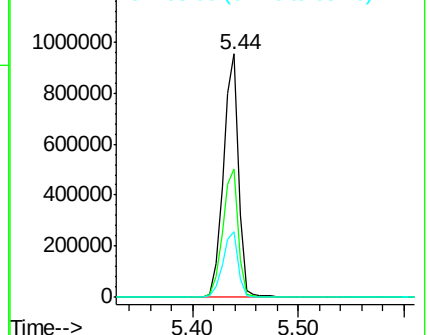
63 26.9 21.1 31.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.651 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

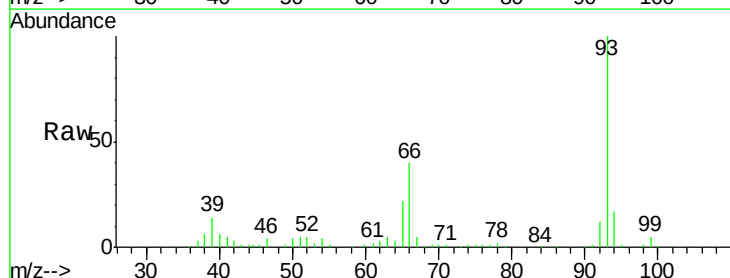
Tgt Ion: 93 Resp: 192802

Ion Ratio Lower Upper

93 100

66 39.8 30.2 45.4

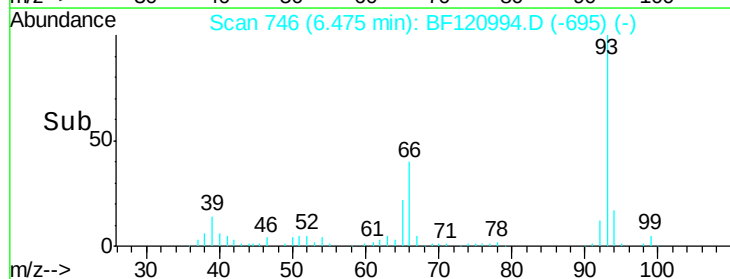
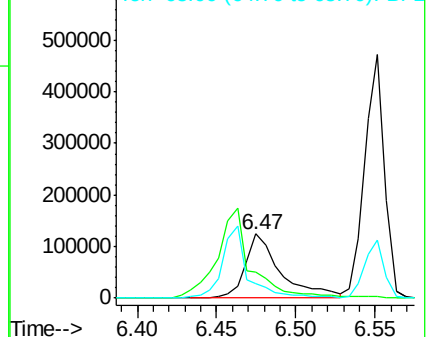
65 21.9 15.8 23.6

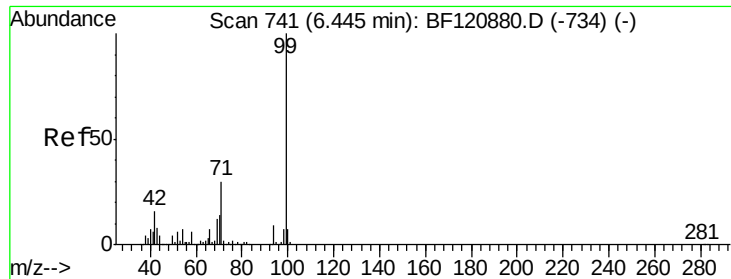


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.452 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampled :

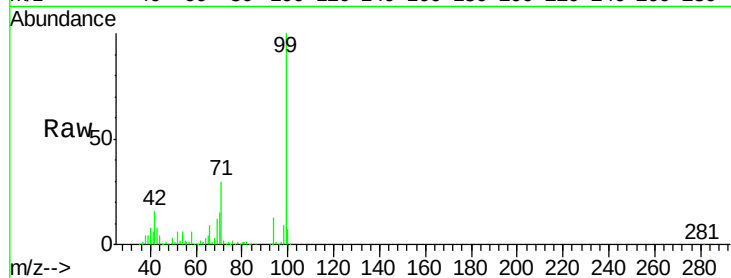
Tot Ion: 99 Resp: 1121352

Ion Ratio Lower Upper

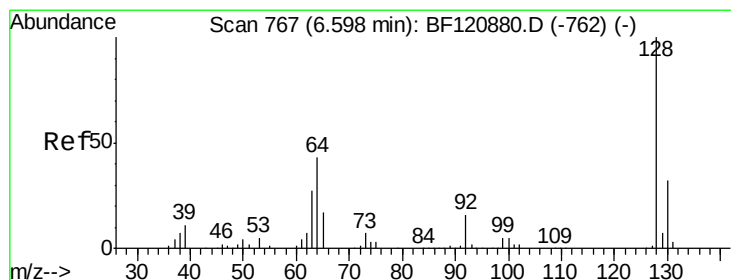
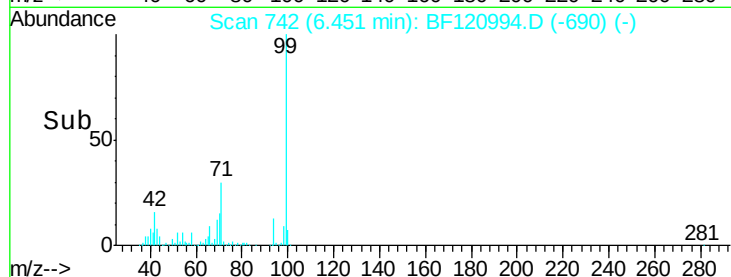
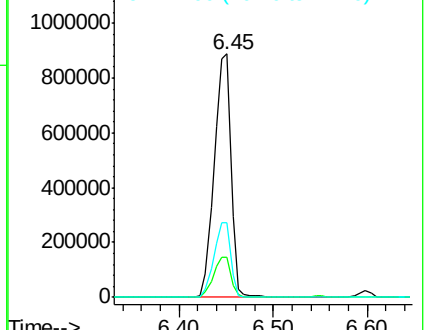
99 100

42 16.2 13.1 19.7

71 30.4 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 38.994 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

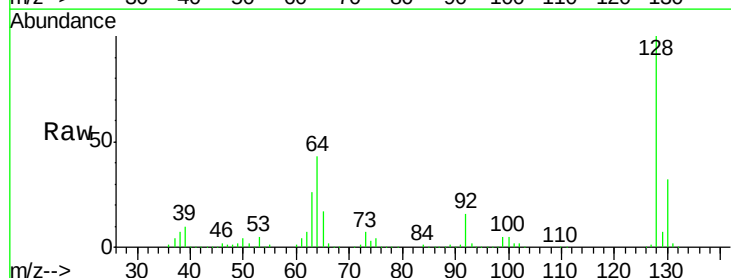
Tgt Ion: 128 Resp: 421590

Ion Ratio Lower Upper

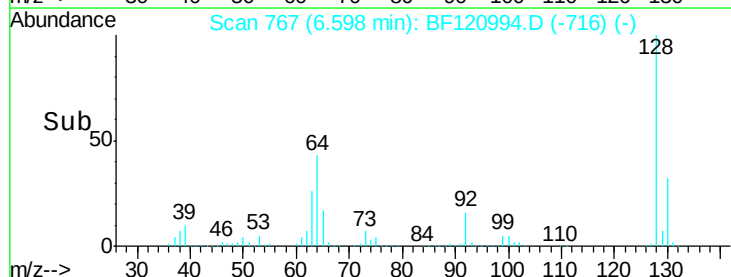
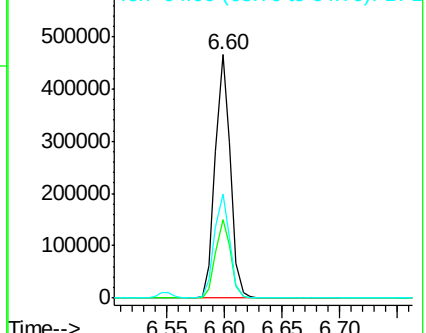
128 100

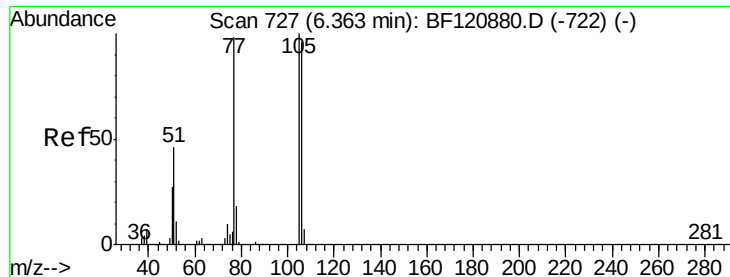
130 32.3 12.1 52.1

64 42.6 24.0 64.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 44.632 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampled :

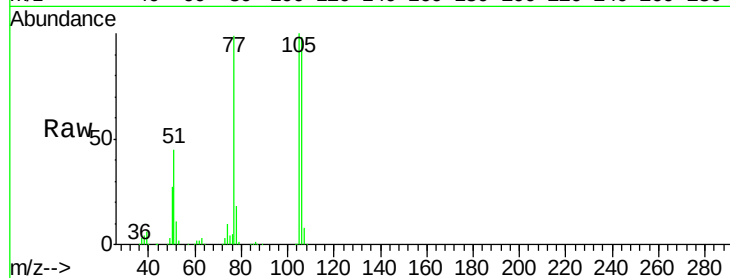
Tot Ion: 77 Resp: 265901

Ion Ratio Lower Upper

77 100

105 101.3 82.5 122.5

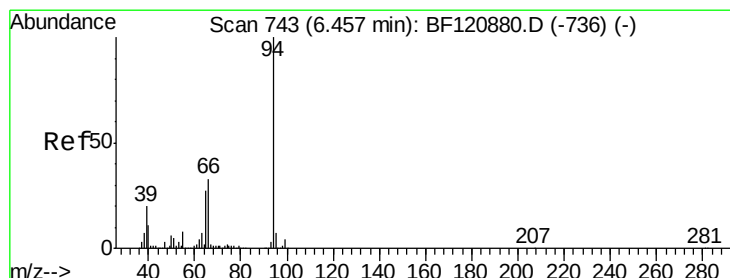
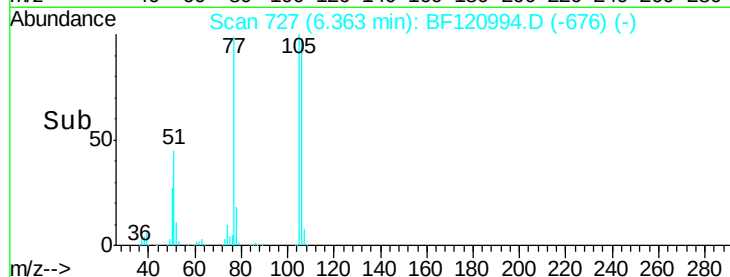
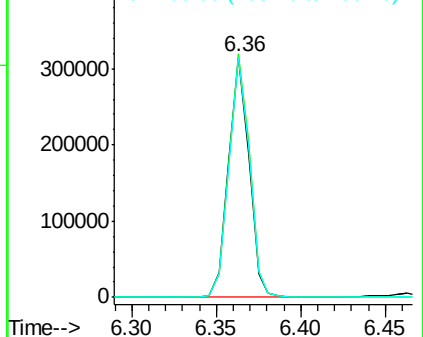
106 99.8 78.7 118.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 32.008 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

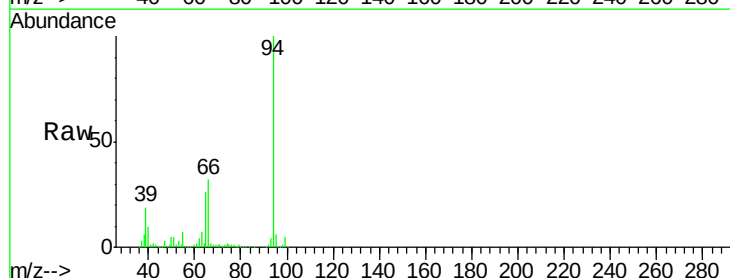
Tgt Ion: 94 Resp: 446366

Ion Ratio Lower Upper

94 100

65 25.9 6.6 46.6

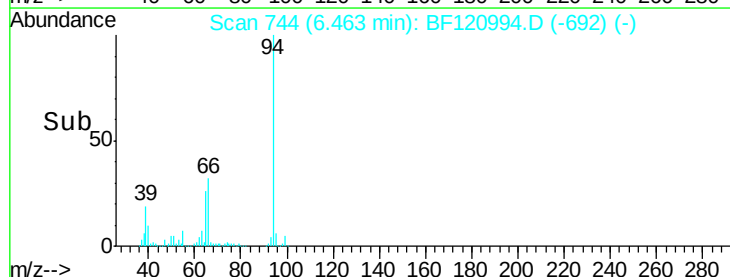
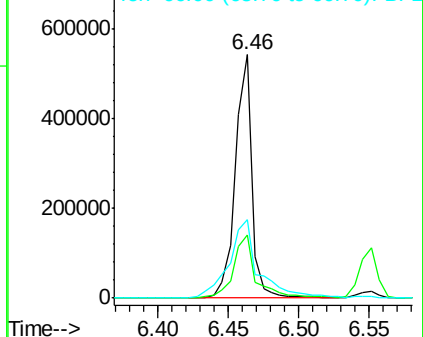
66 32.1 13.2 53.2

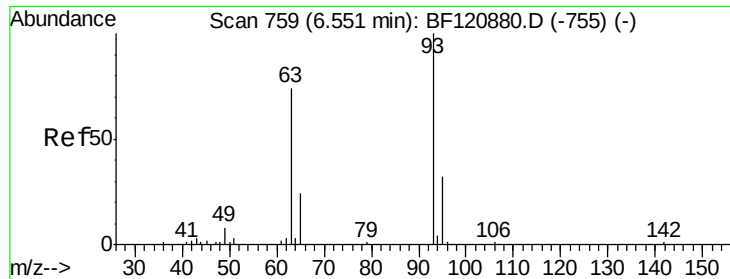


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.987 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

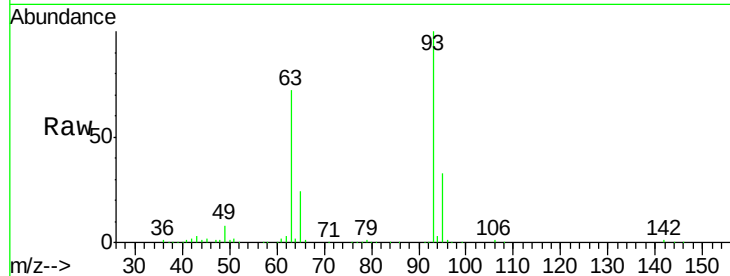
Tot Ion: 93 Resp: 405990

Ion Ratio Lower Upper

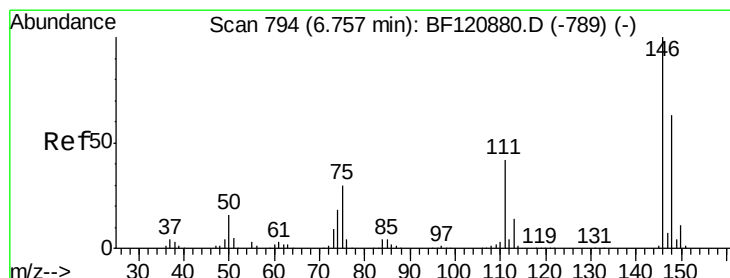
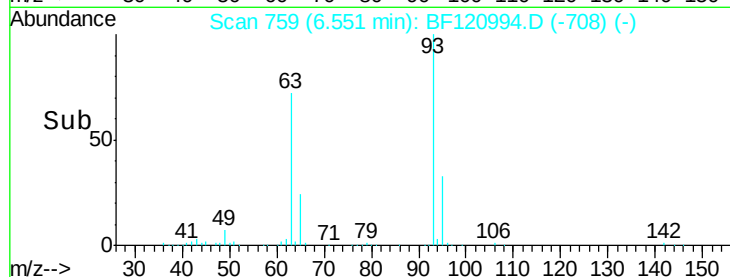
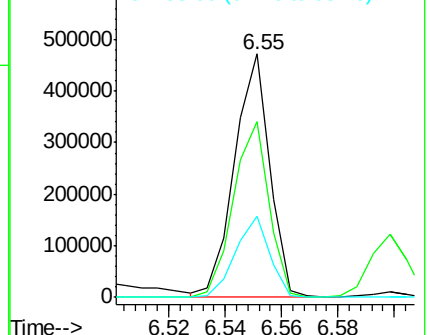
93 100

63 72.0 54.2 94.2

95 33.2 12.2 52.2



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: 36.770 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

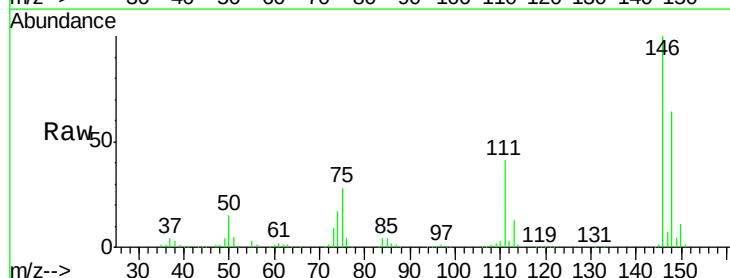
Tgt Ion: 146 Resp: 431076

Ion Ratio Lower Upper

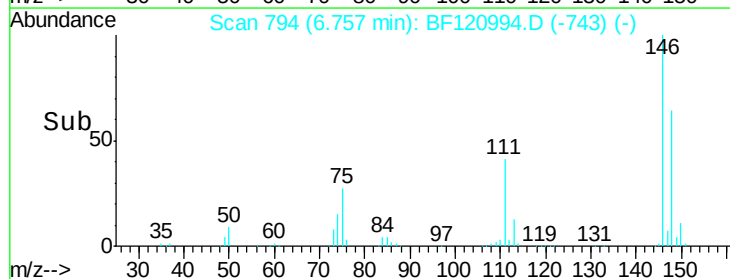
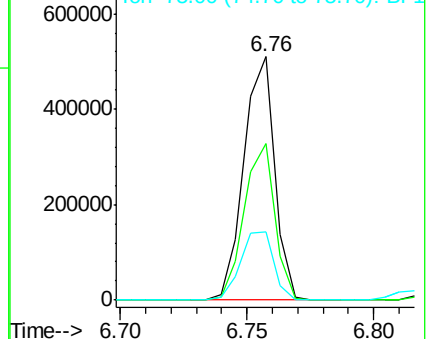
146 100

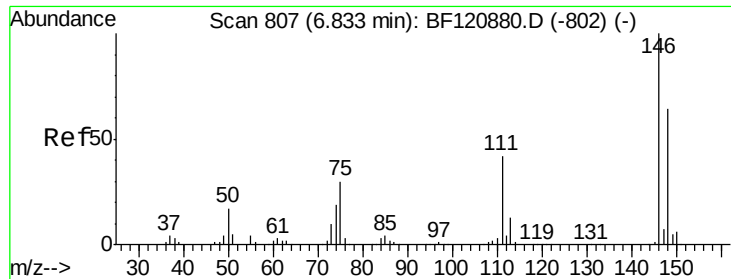
148 64.5 50.6 75.8

75 27.9 24.1 36.1



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

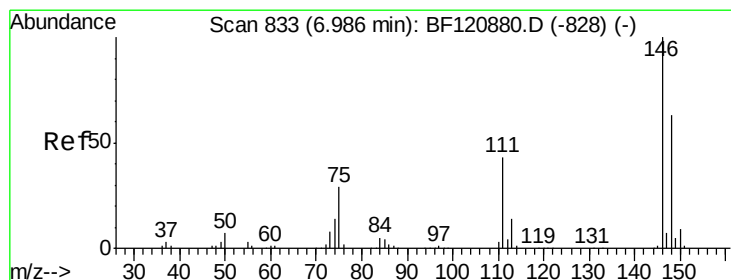
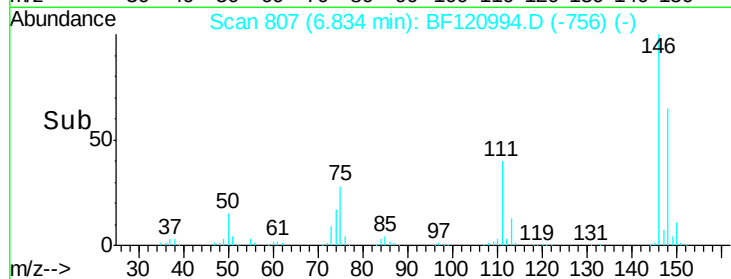
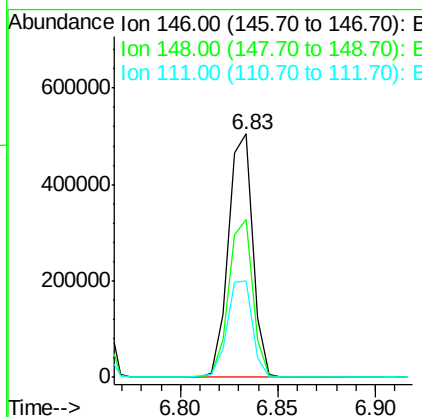
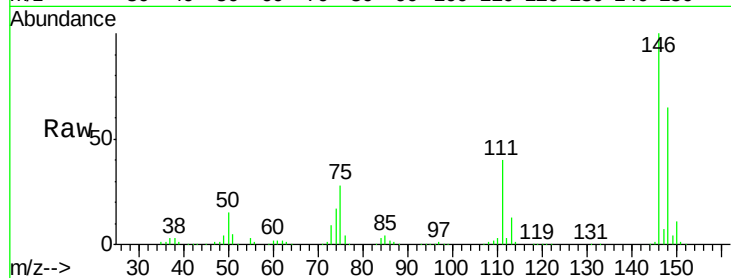




#13
 1,4-Dichlorobenzene
 Concen: 37.518 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

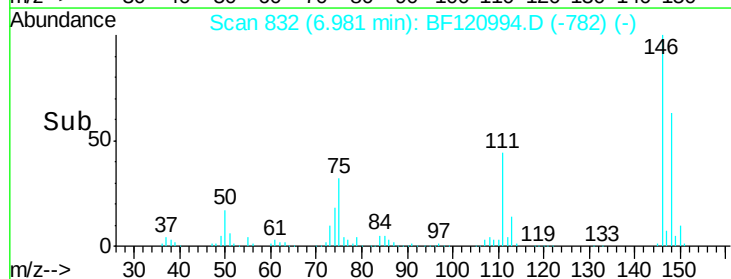
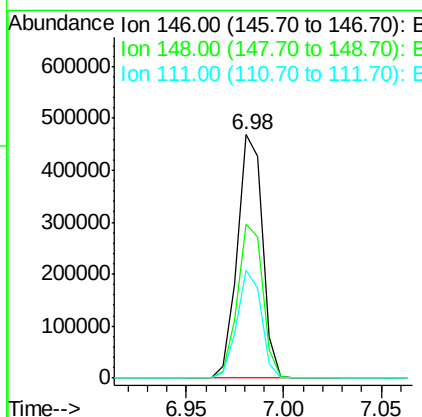
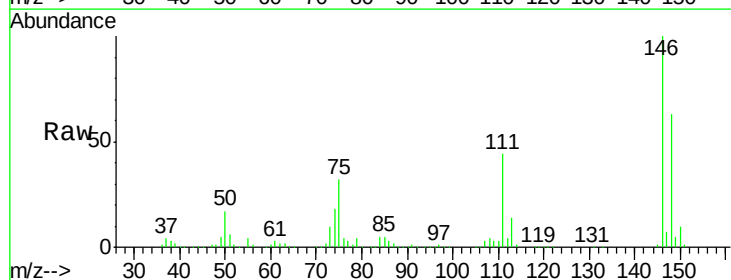
Instrument :
 BNA_F
 ClientSampleId :

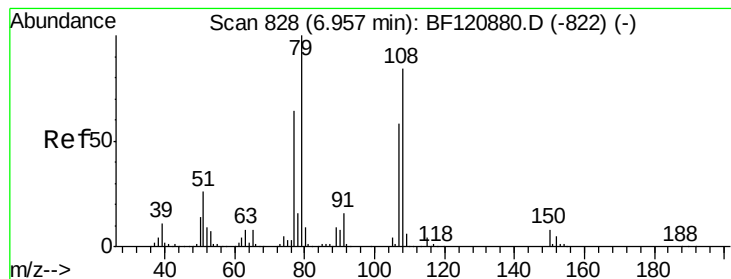
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
111	39.7	33.5	50.3



#14
 1,2-Dichlorobenzene
 Concen: 37.941 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	44.3	34.2	51.2





#15

Benzyl Alcohol

Concen: 37.892 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampled :

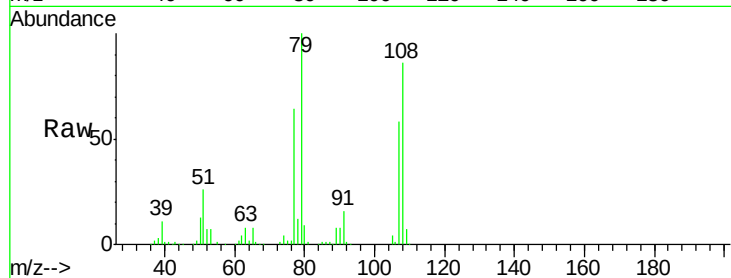
Tot Ion: 79 Resp: 339717

Ion Ratio Lower Upper

79 100

108 85.9 67.0 100.6

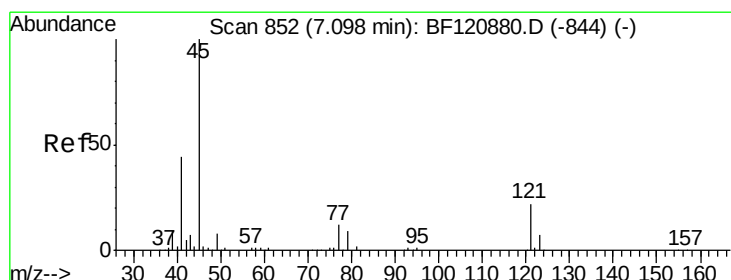
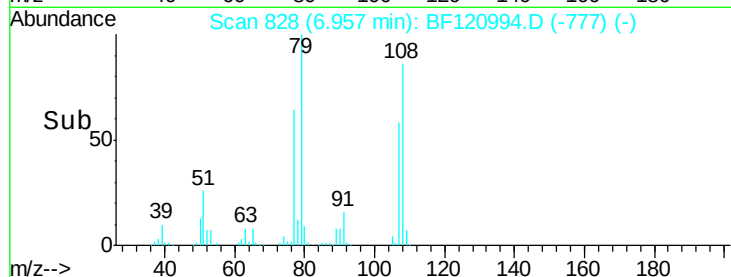
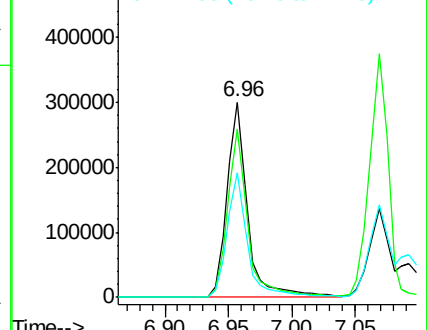
77 63.7 51.0 76.4



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: 36.804 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

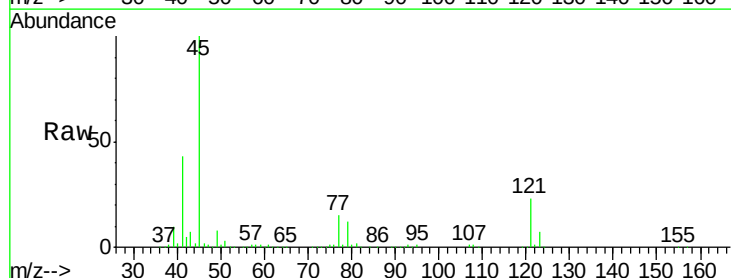
Tgt Ion: 45 Resp: 566961

Ion Ratio Lower Upper

45 100

77 15.0 0.0 34.3

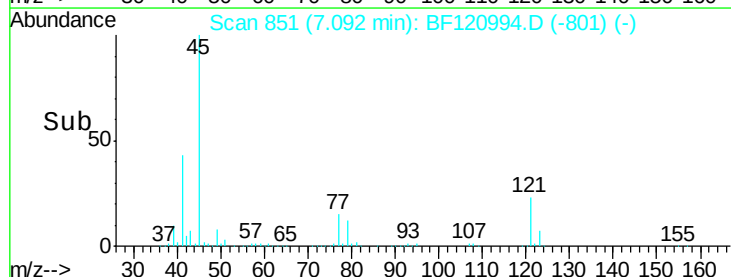
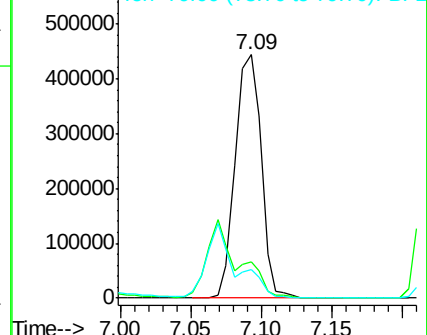
79 11.6 0.0 31.0

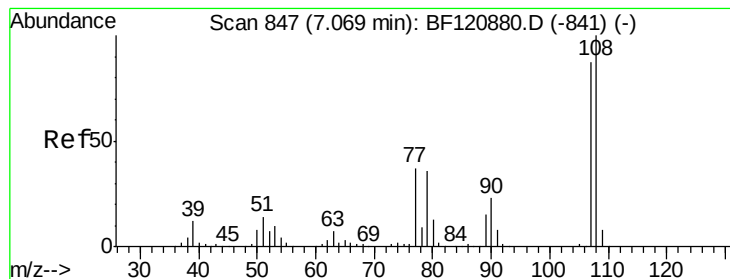


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 34.523 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 330821

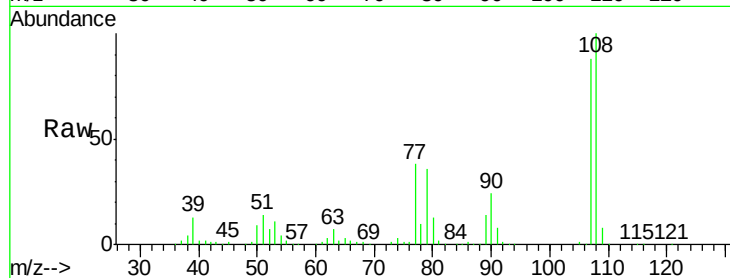
Ion Ratio Lower Upper

107 100

108 113.2 92.0 138.0

77 43.2 34.0 51.0

79 41.0 33.3 49.9

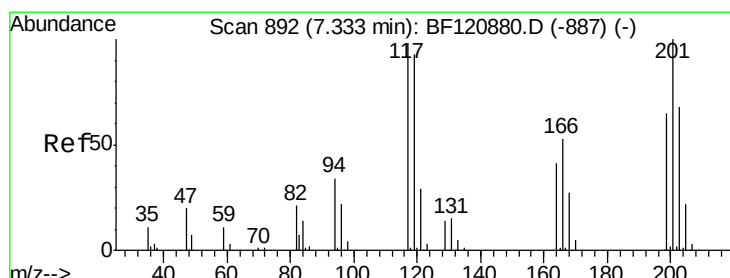
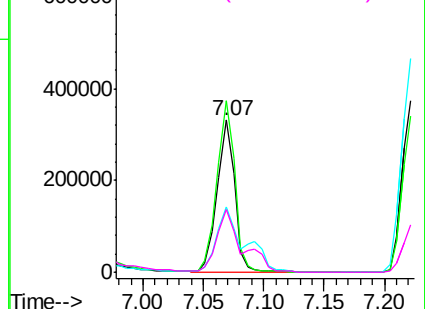
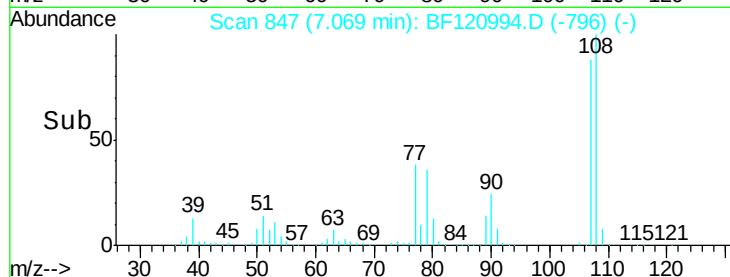


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.142 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

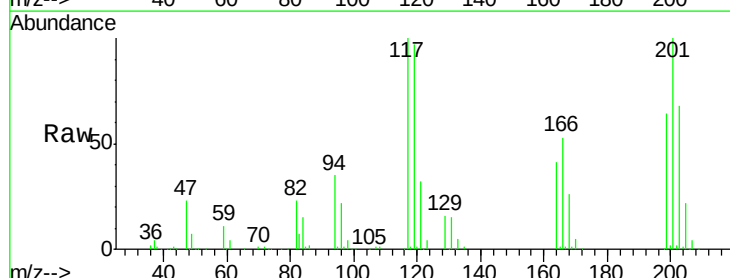
Tgt Ion:117 Resp: 160935

Ion Ratio Lower Upper

117 100

119 97.6 76.0 114.0

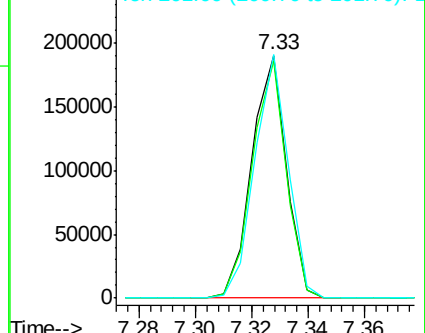
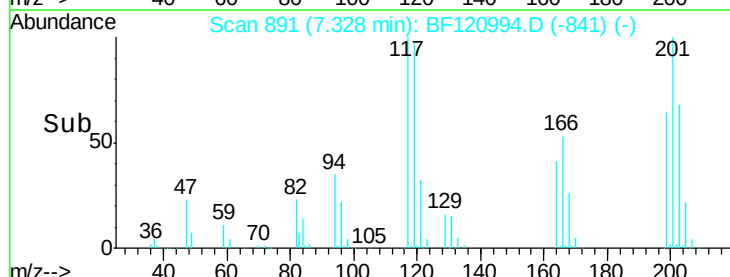
201 100.3 81.7 122.5

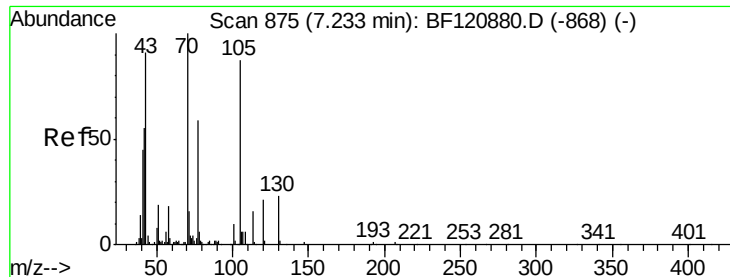


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

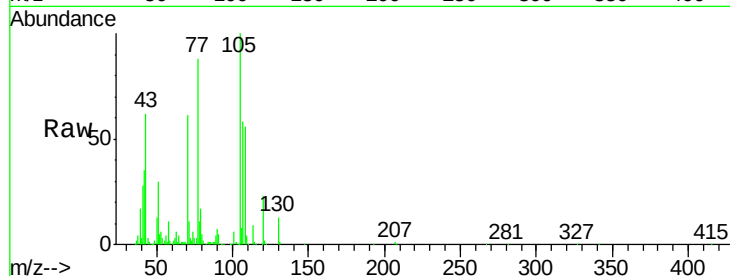




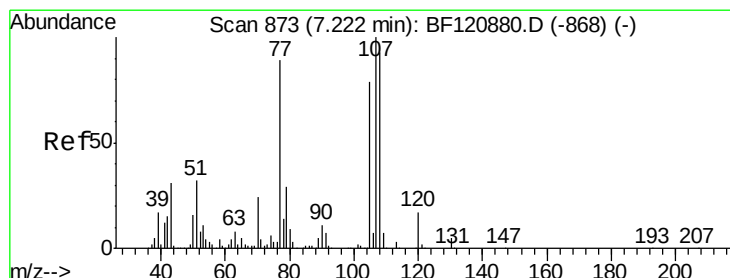
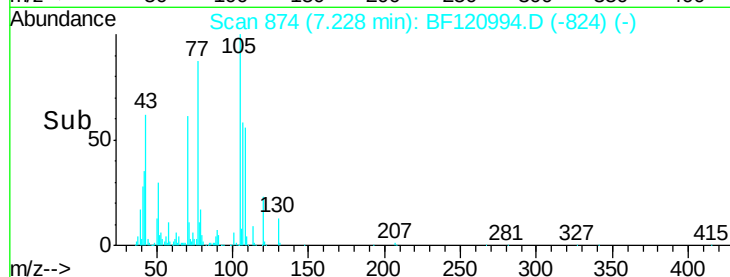
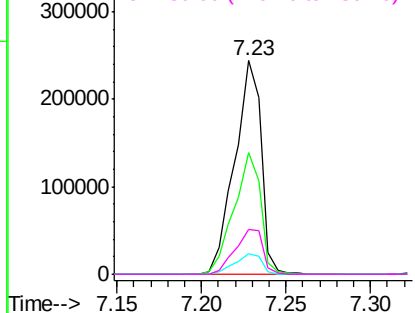
#19
n-Nitroso-di-n-propylamine
Concen: 37.033 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	266963
Ion	Ratio	Lower	Upper
70	100		
42	57.1	44.0	66.0
101	9.4	7.8	11.6
130	21.1	18.7	28.1

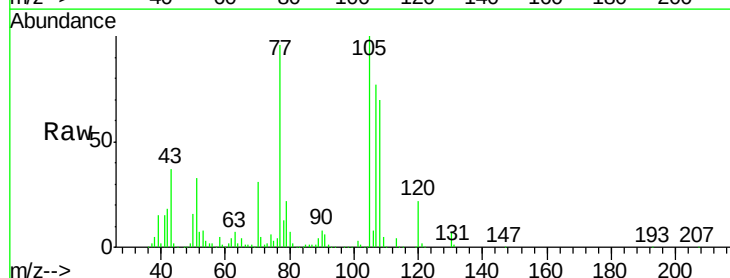


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

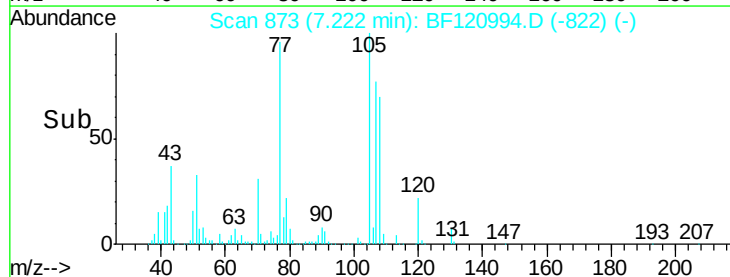
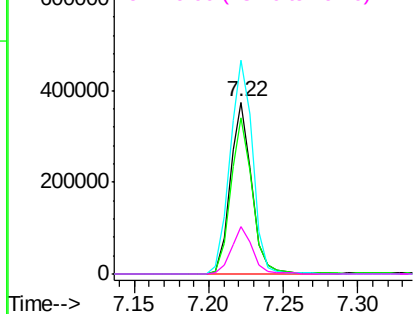


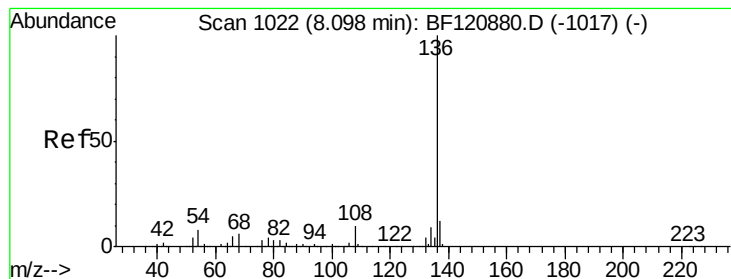
#20
3+4-Methylphenols
Concen: 30.842 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:	107	Resp:	375961
Ion	Ratio	Lower	Upper
107	100		
108	90.7	72.8	112.8
77	124.3	68.7	108.7#
79	27.9	8.5	48.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 617869

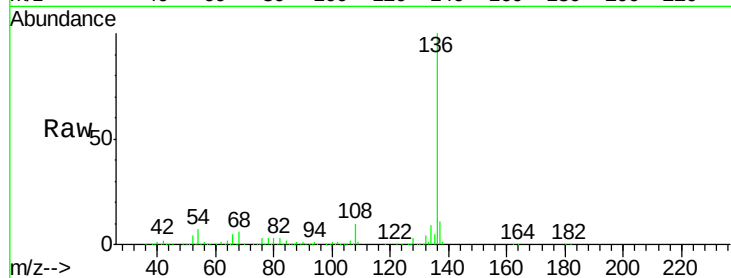
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 6.9 6.3 9.5

68 5.7 5.0 7.4

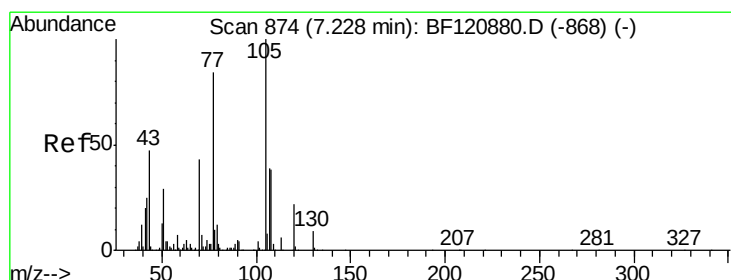
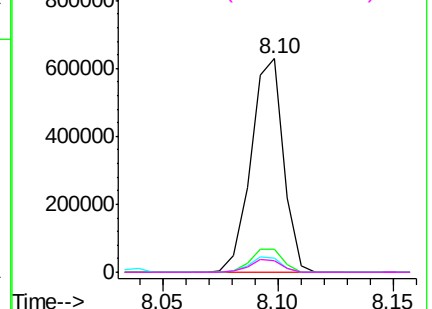
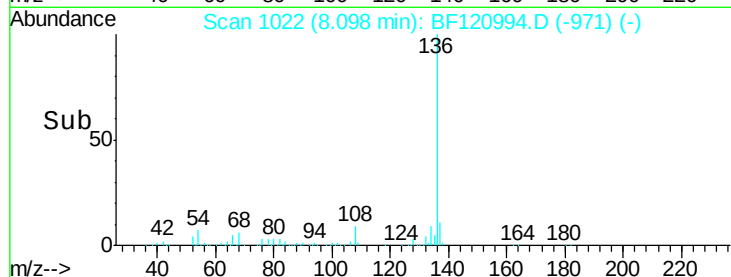


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 38.567 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Tgt Ion:105 Resp: 534802

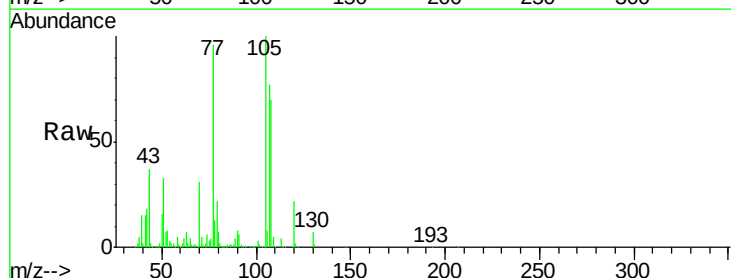
Ion Ratio Lower Upper

105 100

71 5.1 5.7 8.5#

51 33.2 22.9 34.3

120 22.4 18.0 27.0

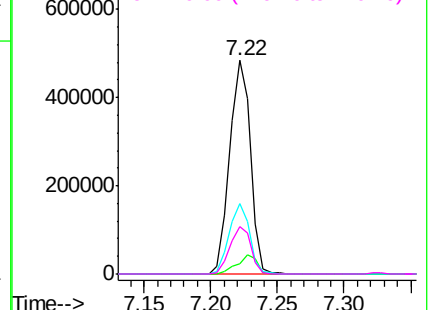
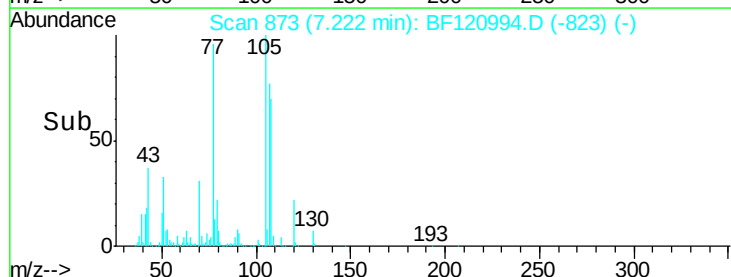


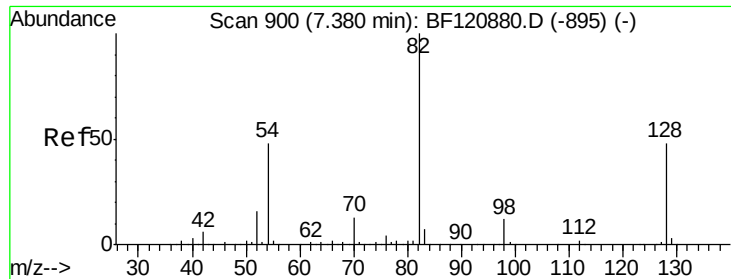
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

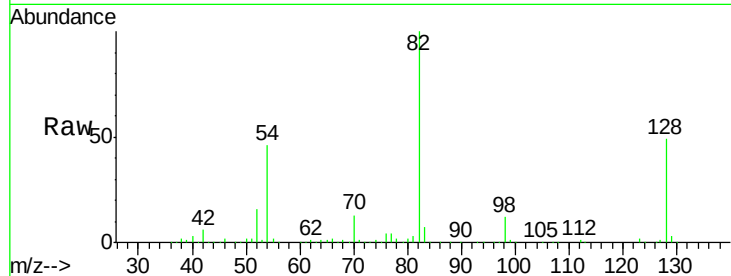




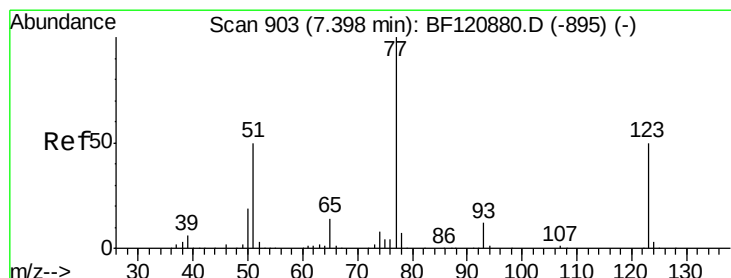
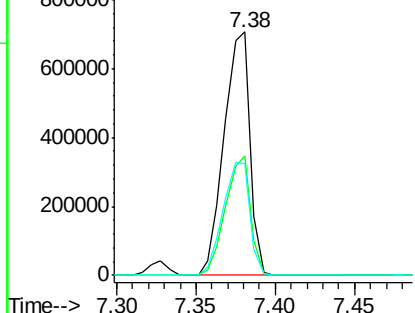
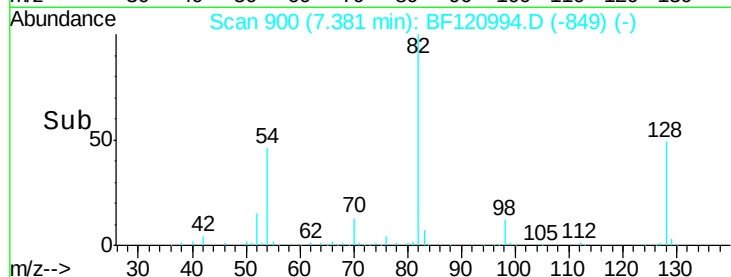
#23
 Nitrobenzene-d5
 Concen: 75.346 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 804553
 Ion Ratio Lower Upper
 82 100
 128 49.0 38.2 57.4
 54 46.1 38.7 58.1

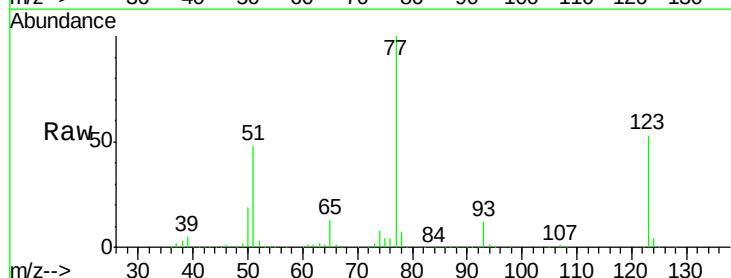


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

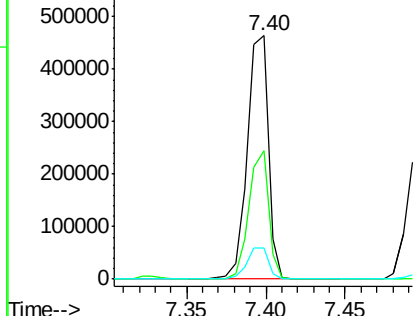
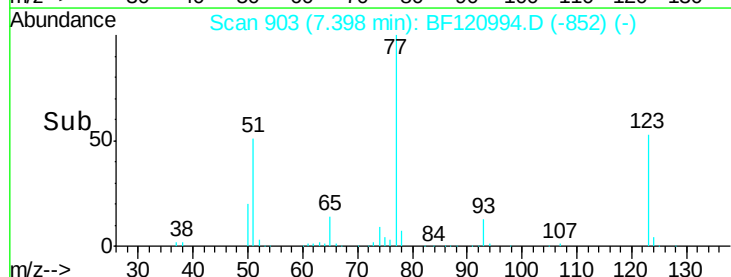


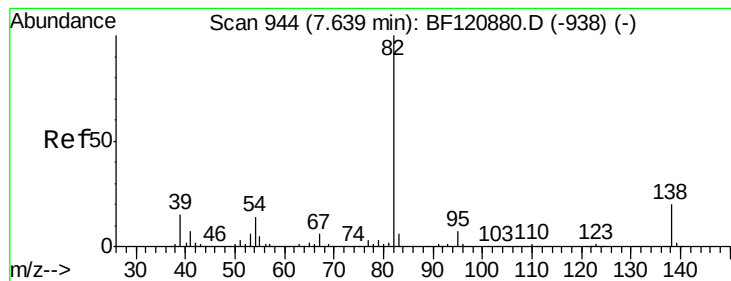
#24
 Nitrobenzene
 Concen: 36.791 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion: 77 Resp: 423427
 Ion Ratio Lower Upper
 77 100
 123 52.6 40.1 60.1
 65 12.9 10.8 16.2



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





#25

Isophorone

Concen: 37.228 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampled :

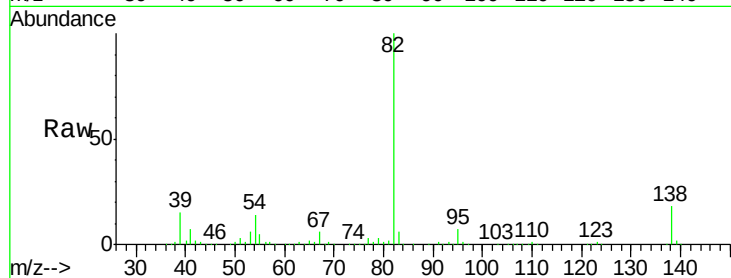
Tot Ion: 82 Resp: 793361

Ion Ratio Lower Upper

82 100

95 6.6 5.5 8.3

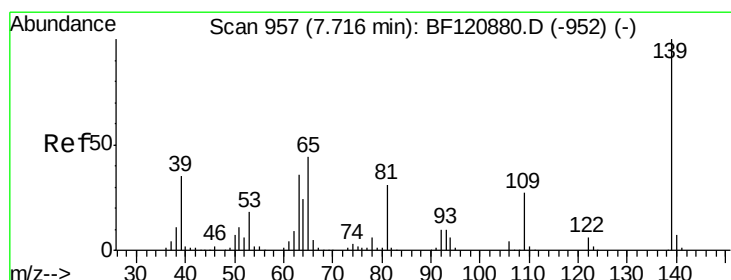
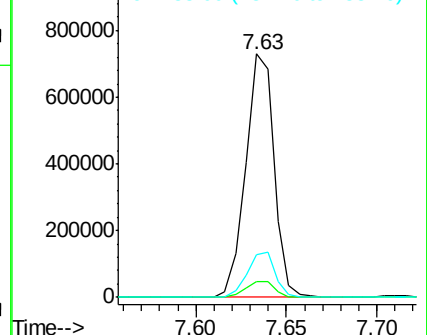
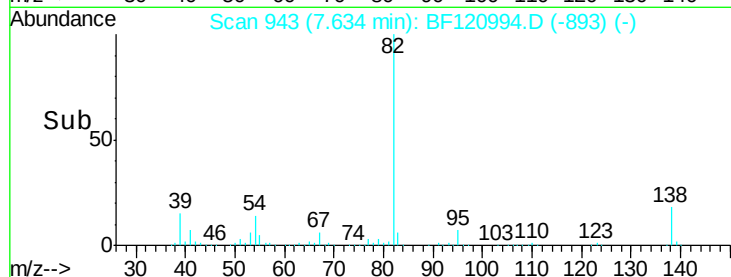
138 17.8 15.6 23.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.711 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

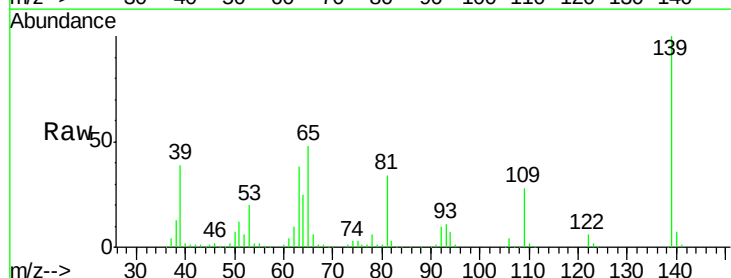
Tgt Ion: 139 Resp: 222527

Ion Ratio Lower Upper

139 100

109 27.8 21.6 32.4

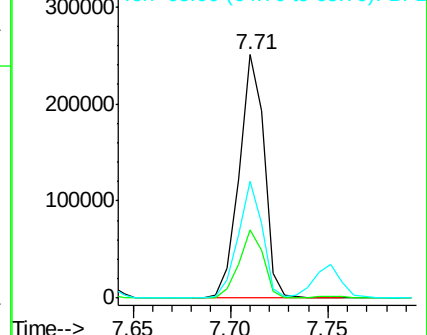
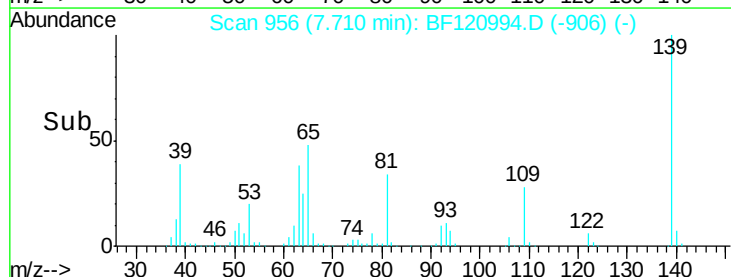
65 47.9 35.3 52.9

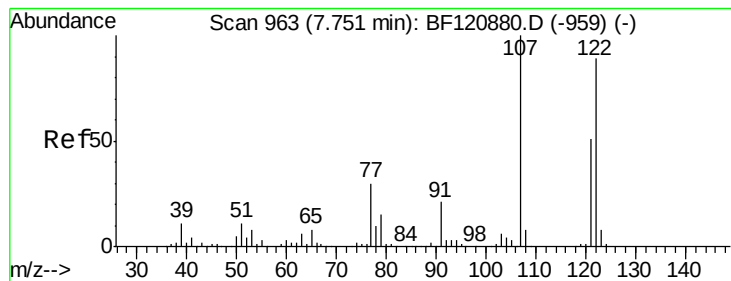


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 41.534 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampled :

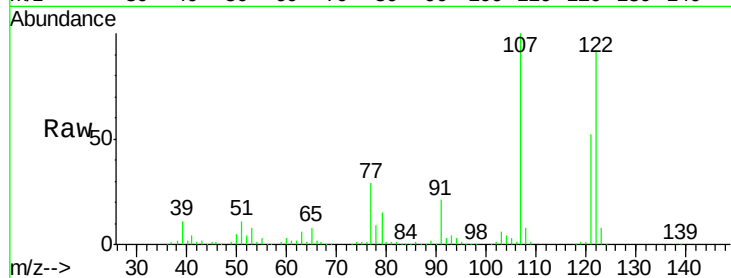
Tot Ion:122 Resp: 368597

Ion Ratio Lower Upper

122 100

107 108.3 89.4 134.0

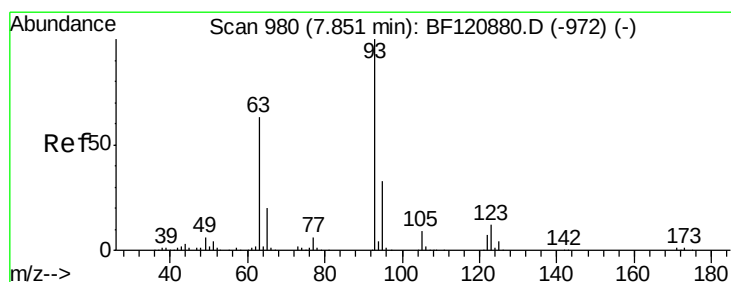
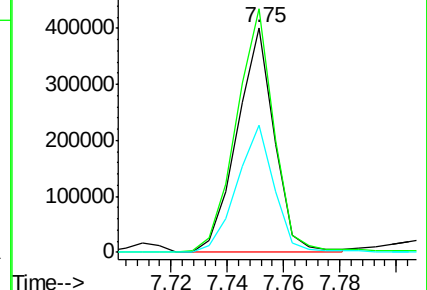
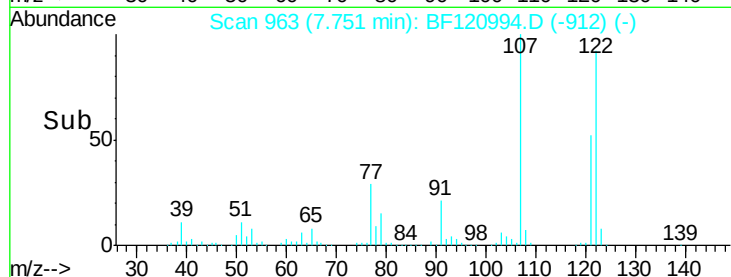
121 56.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.138 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

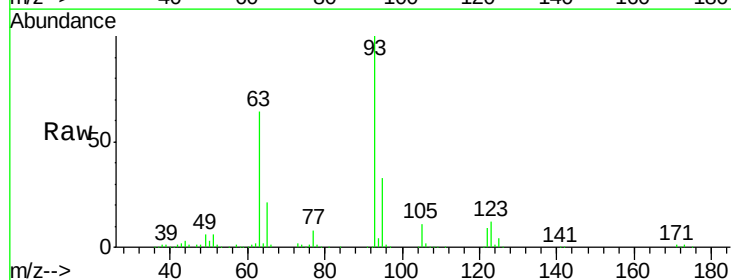
Tgt Ion: 93 Resp: 509139

Ion Ratio Lower Upper

93 100

95 32.7 26.6 39.8

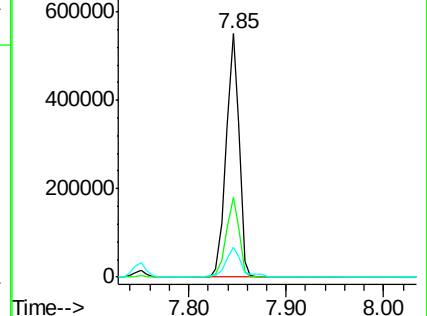
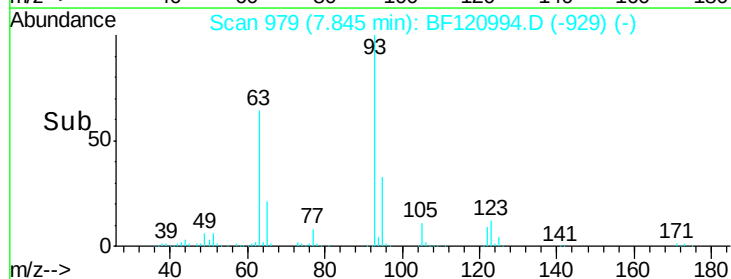
123 12.3 10.0 15.0

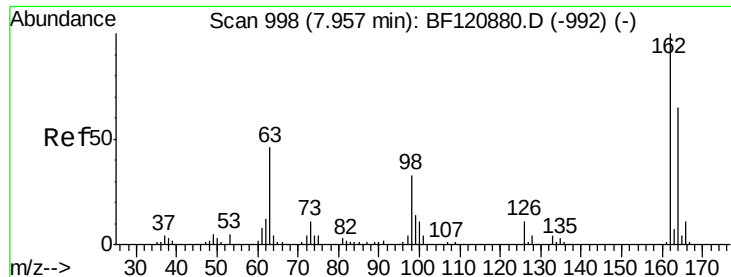


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

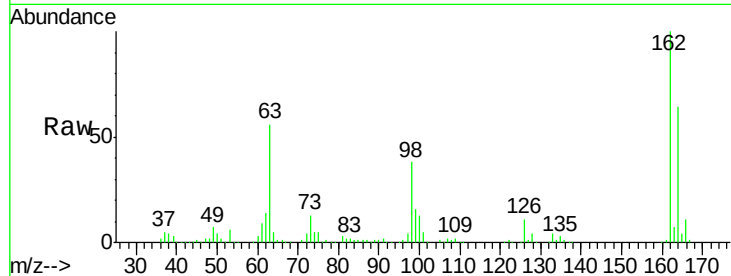




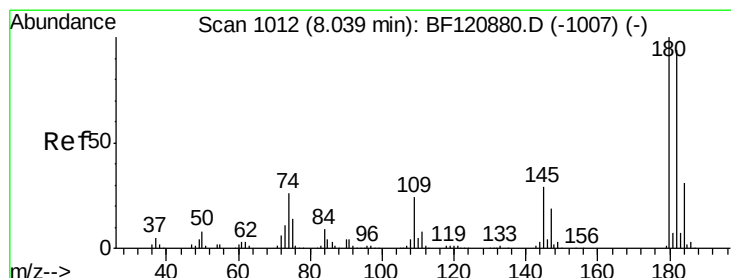
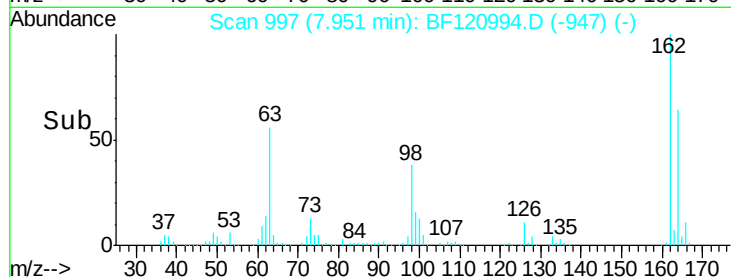
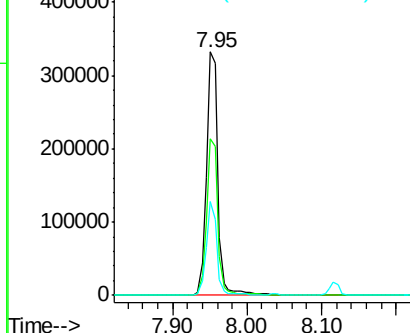
#29
2,4-Dichlorophenol
Concen: 39.097 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 354550
Ion Ratio Lower Upper
162 100
164 64.1 45.3 85.3
98 38.4 13.3 53.3

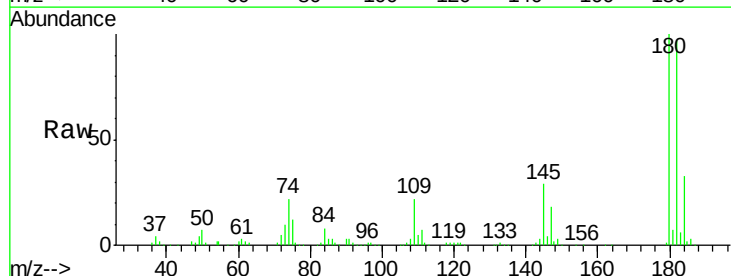


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

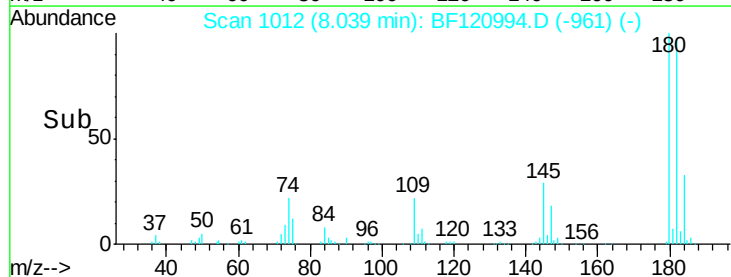
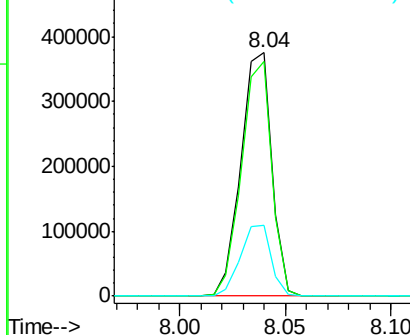


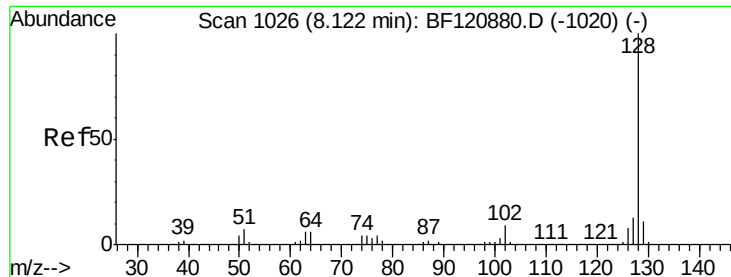
#30
1,2,4-Trichlorobenzene
Concen: 37.793 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:180 Resp: 380241
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.6
145 29.0 23.5 35.3



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

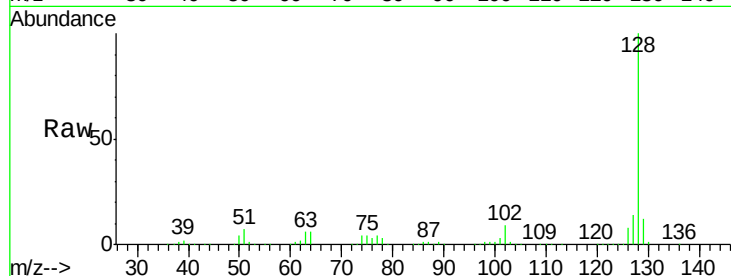




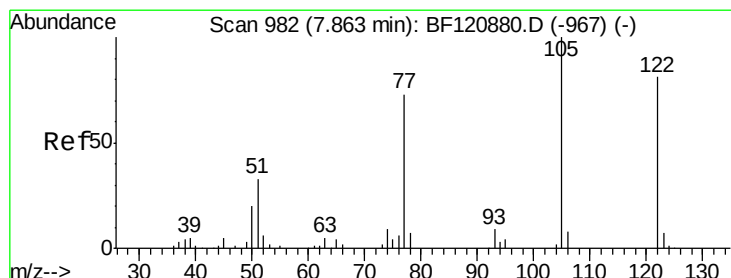
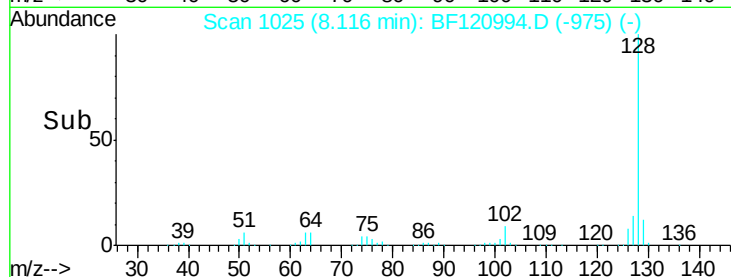
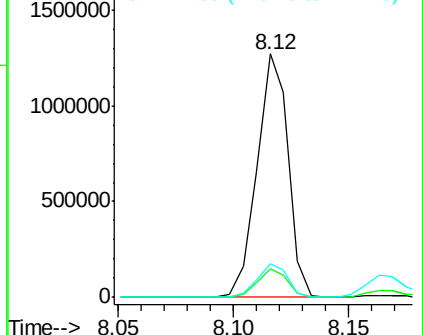
#31
Naphthalene
Concen: 37.549 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1190060
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.6 10.7 16.1

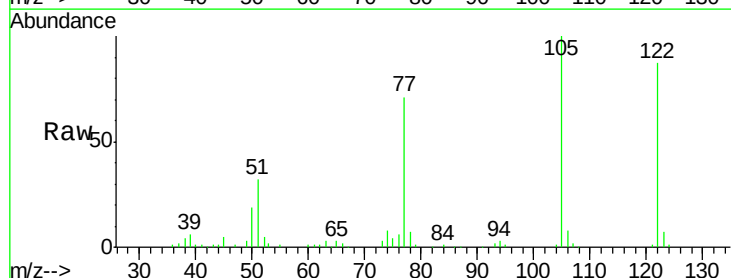


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

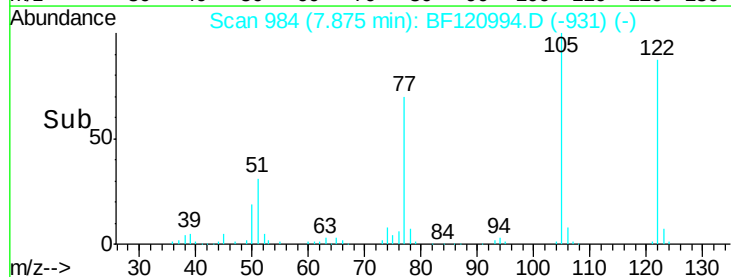
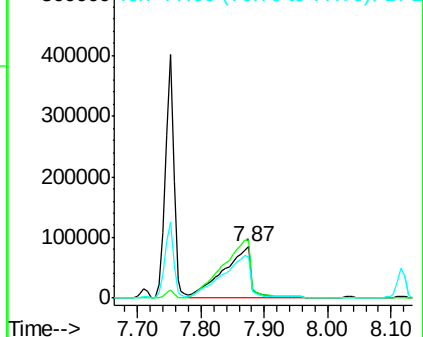


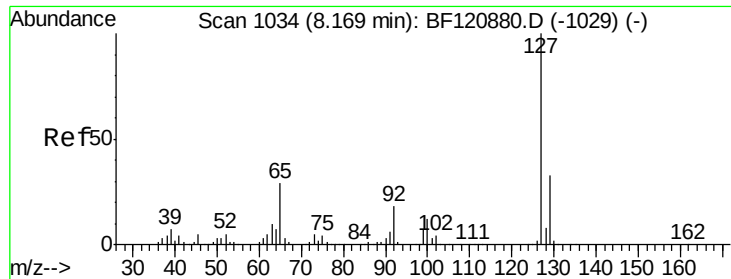
#32
Benzoic acid
Concen: 39.038 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:122 Resp: 260062
Ion Ratio Lower Upper
122 100
105 114.5 101.3 141.3
77 80.7 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

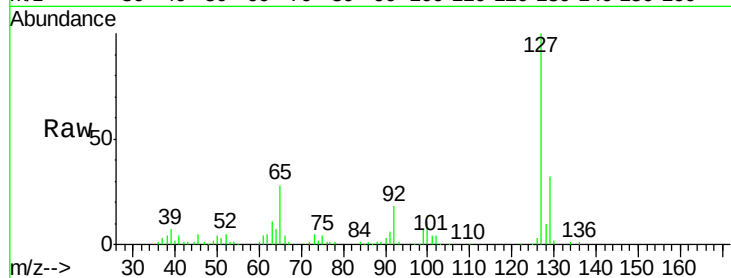




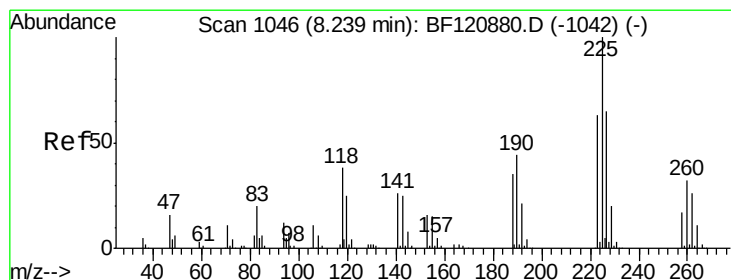
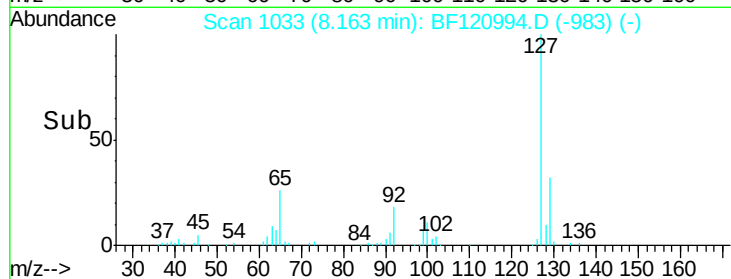
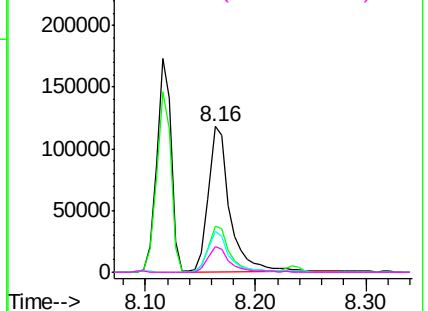
#33
4-Chloroaniline
Concen: 11.083 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	156700
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	28.3	23.0	34.4
92	17.7	14.5	21.7

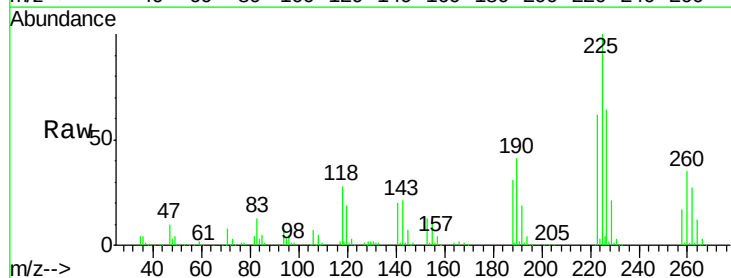


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

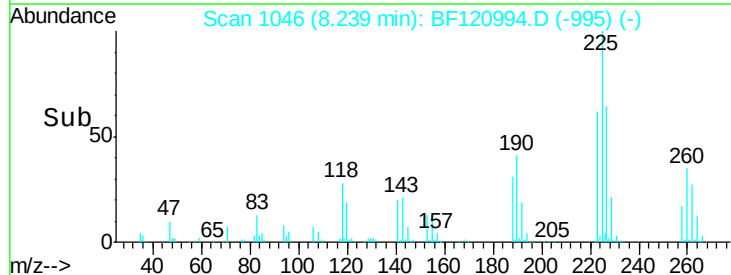
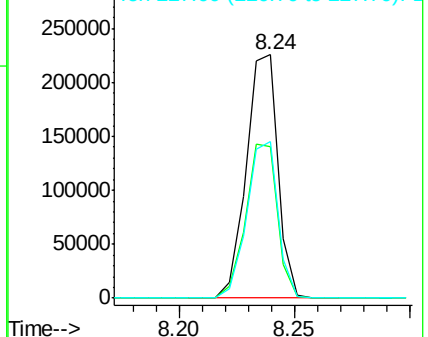


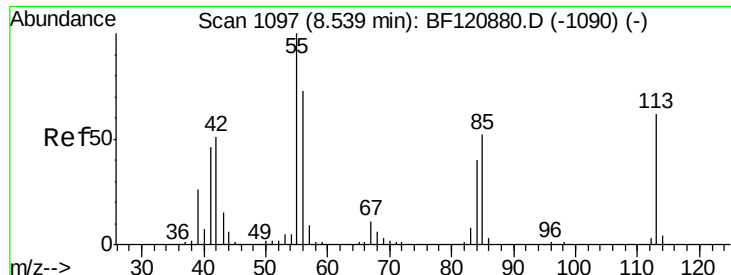
#34
Hexachlorobutadiene
Concen: 36.551 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:	225	Resp:	216792
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	64.4	52.2	78.2



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

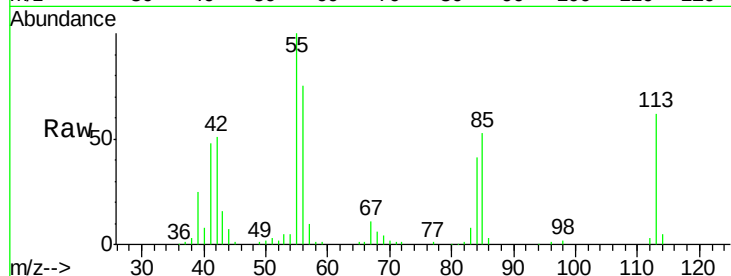




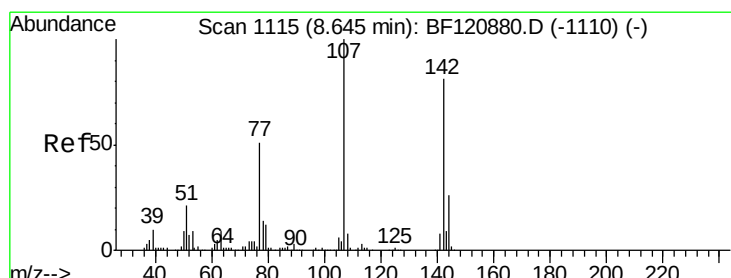
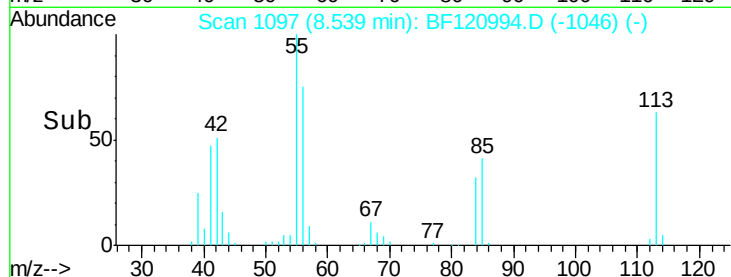
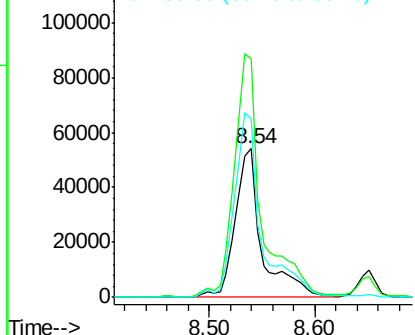
#35
 Caprolactam
 Concen: 32.320 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 93990
 Ion Ratio Lower Upper
 113 100
 55 160.0 143.3 183.3
 56 120.0 99.4 139.4

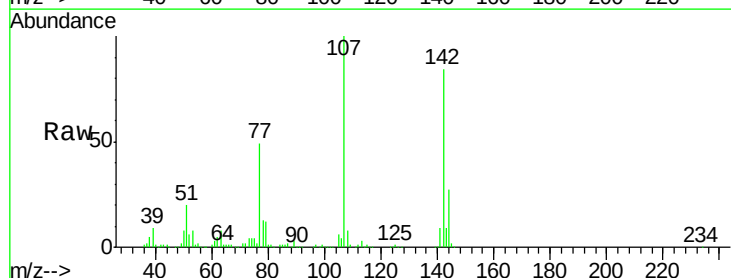


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

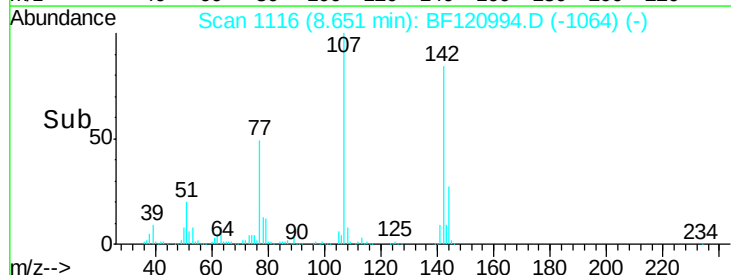
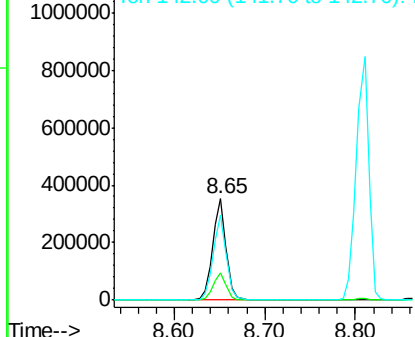


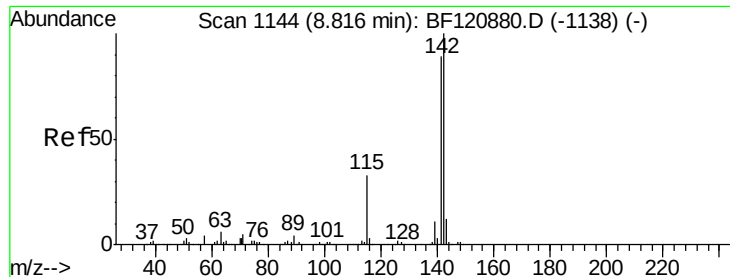
#36
 4-Chloro-3-methylphenol
 Concen: 39.231 ng
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion:107 Resp: 364874
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.6
 142 83.6 65.0 97.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

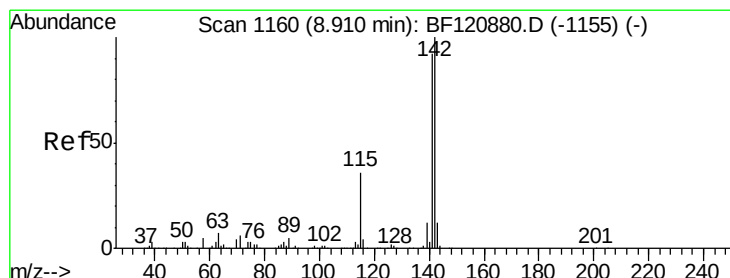
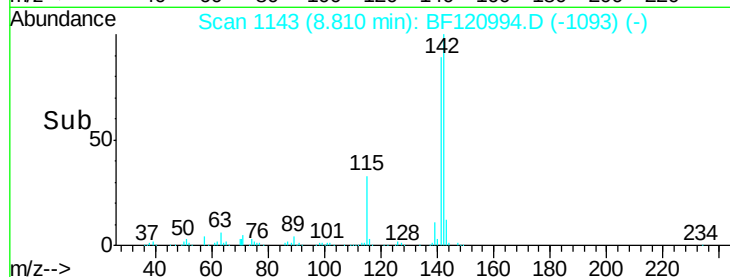
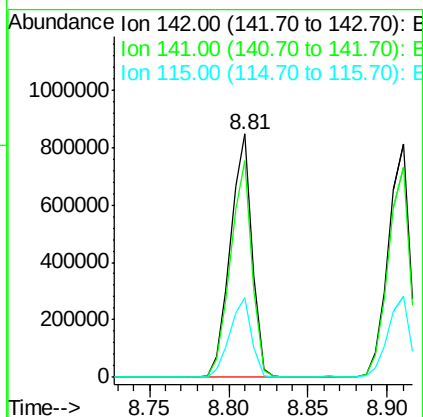
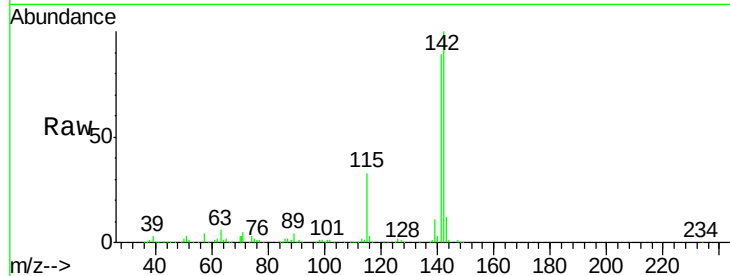




#37
2-Methylnaphthalene
Concen: 39.195 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

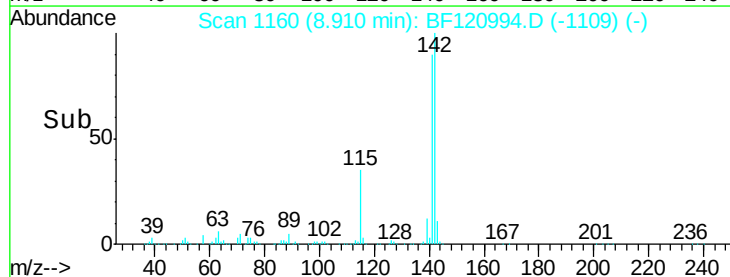
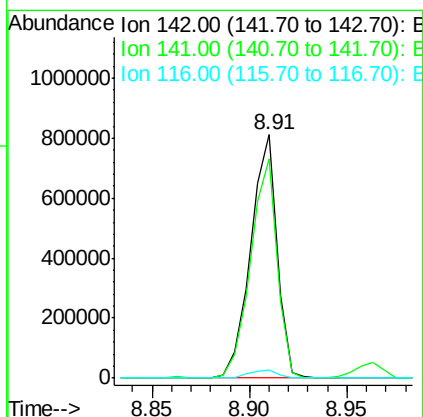
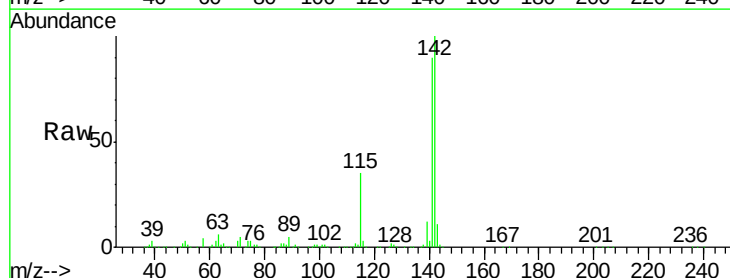
Instrument :
BNA_F
ClientSampleId :

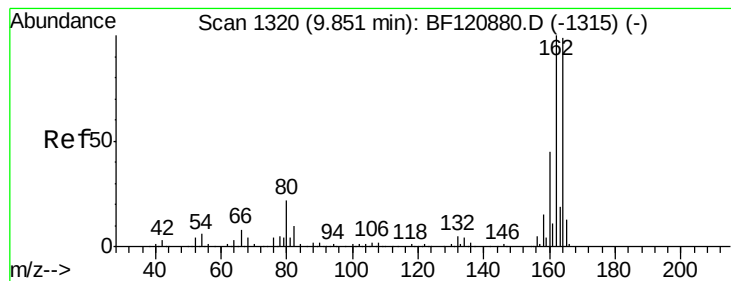
Tot Ion:142 Resp: 806588
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4
115 32.7 26.0 39.0



#38
1-Methylnaphthalene
Concen: 38.945 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:142 Resp: 759050
Ion Ratio Lower Upper
142 100
141 90.3 73.7 110.5
116 3.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

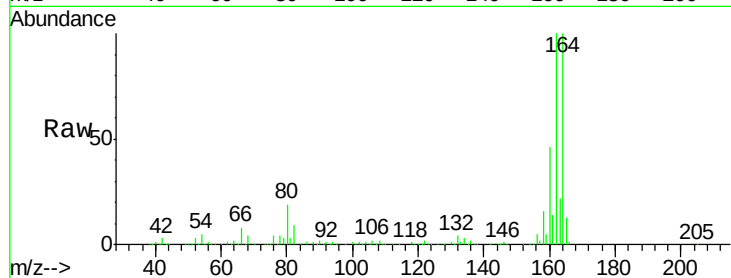
Tot Ion:164 Resp: 325734

Ion Ratio Lower Upper

164 100

162 100.0 81.2 121.8

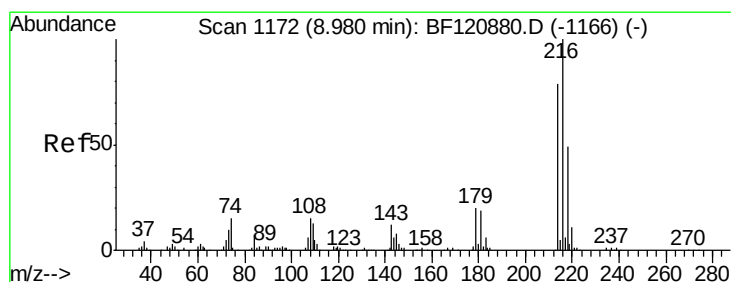
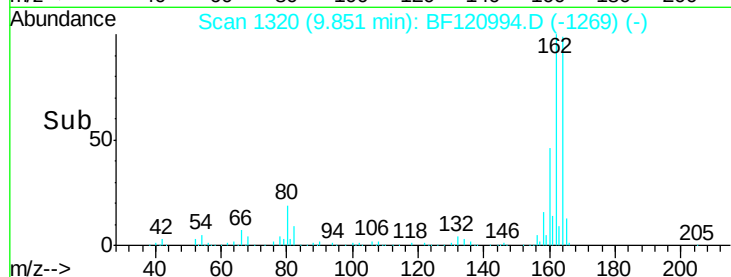
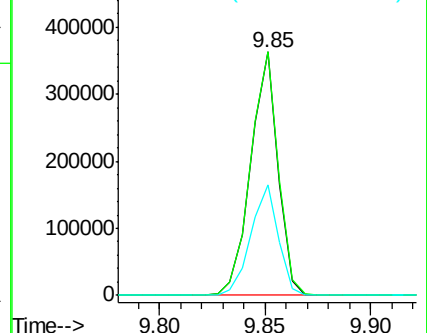
160 45.6 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.094 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Tgt Ion:216 Resp: 361532

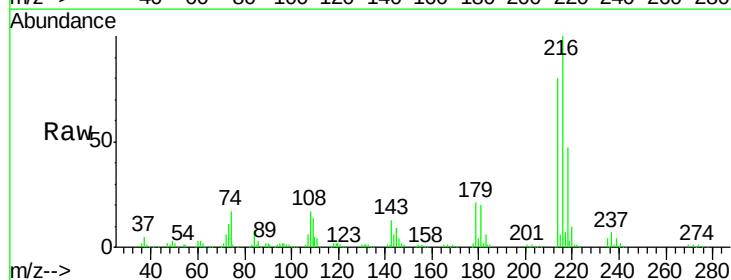
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.8

179 20.5 16.6 24.8

108 20.2 15.4 23.0

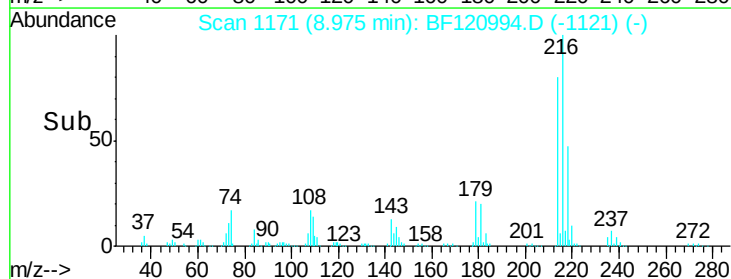
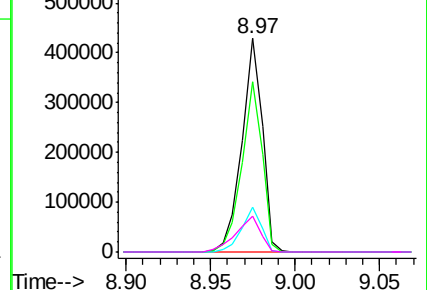


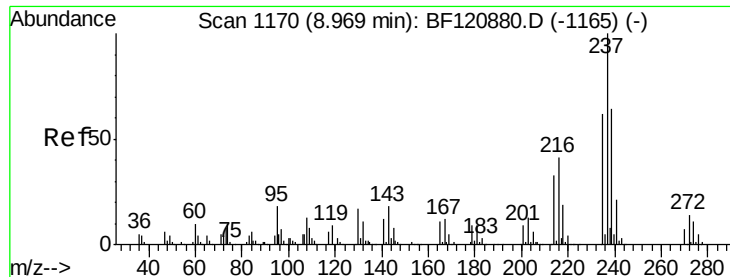
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 73.141 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

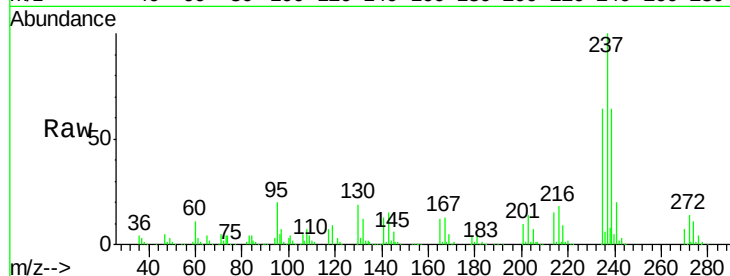
Tot Ion:237 Resp: 383638

Ion Ratio Lower Upper

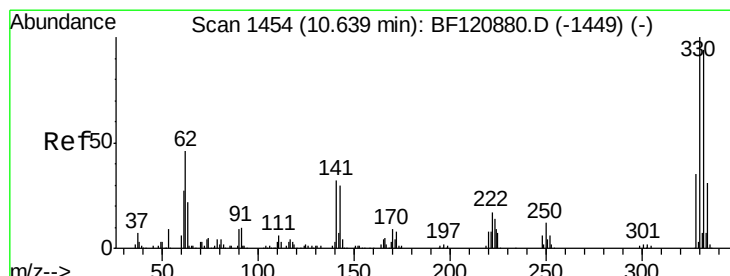
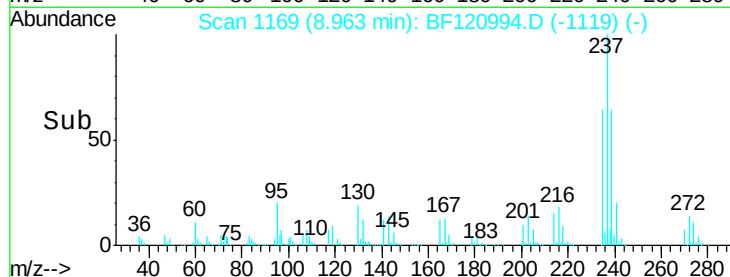
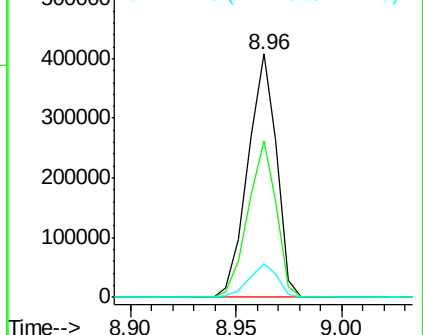
237 100

235 64.3 41.6 81.6

272 13.8 0.0 33.7



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



#42

2,4,6-Tribromophenol

Concen: 110.222 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

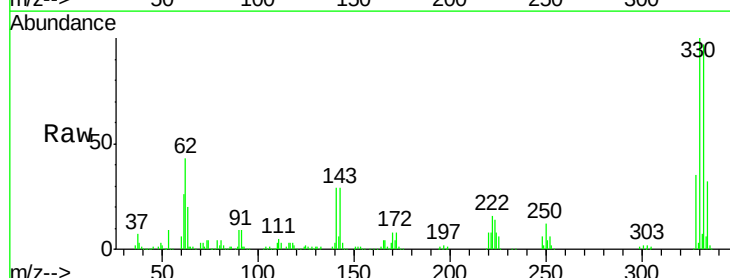
Tgt Ion:330 Resp: 392994

Ion Ratio Lower Upper

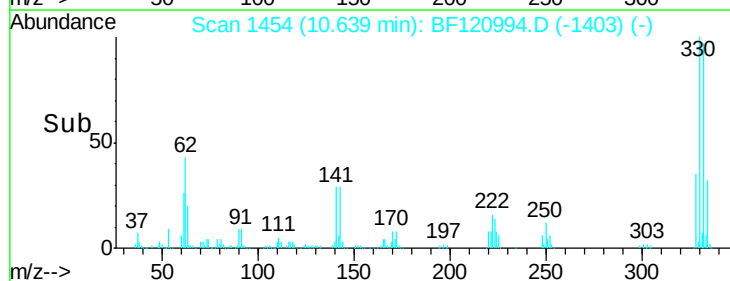
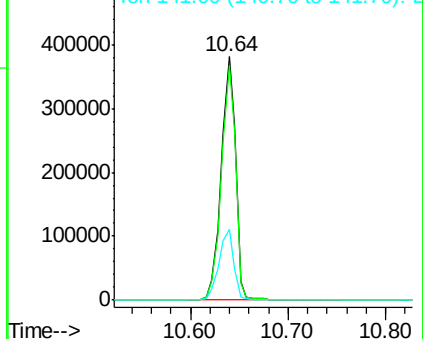
330 100

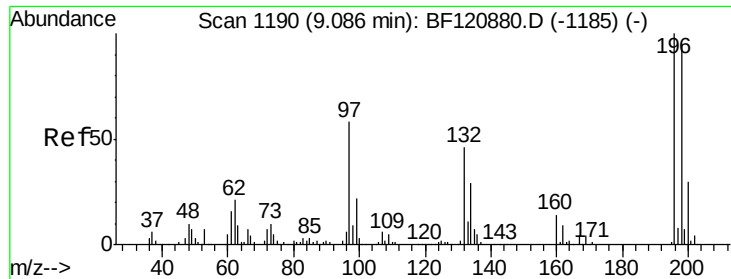
332 95.8 75.5 113.3

141 29.8 25.7 38.5



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

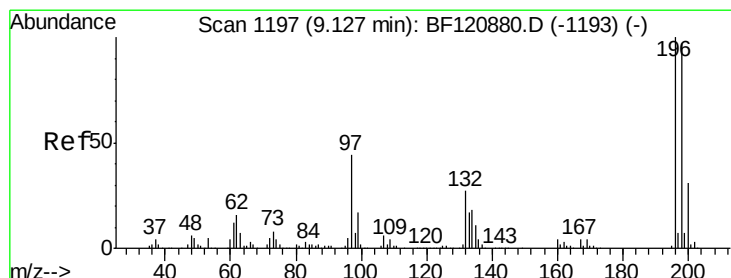
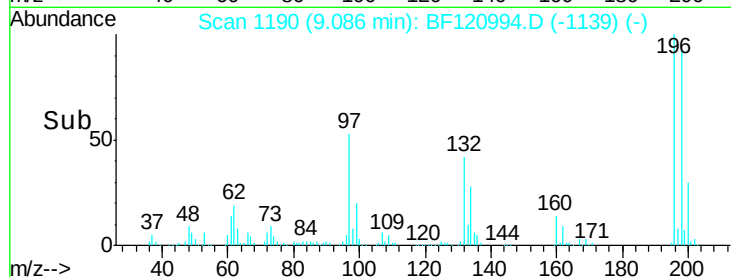
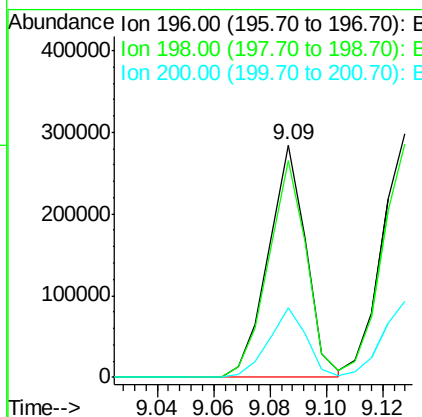
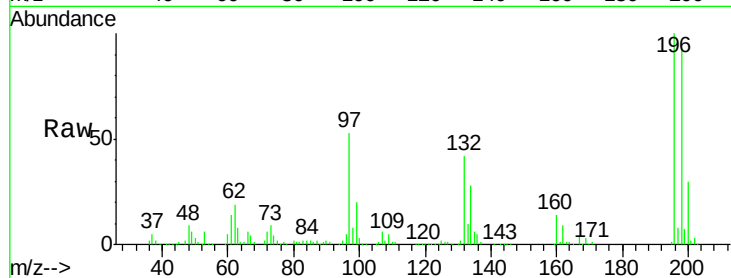




#43
 2,4,6-Trichlorophenol
 Concen: 39.454 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

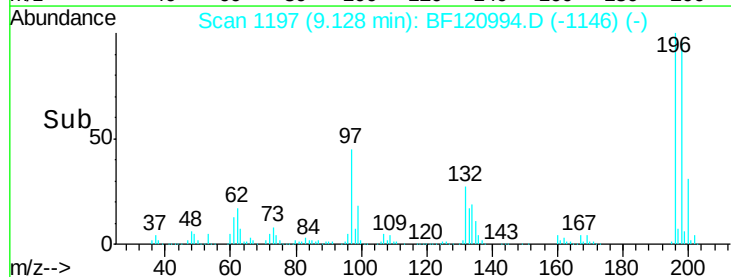
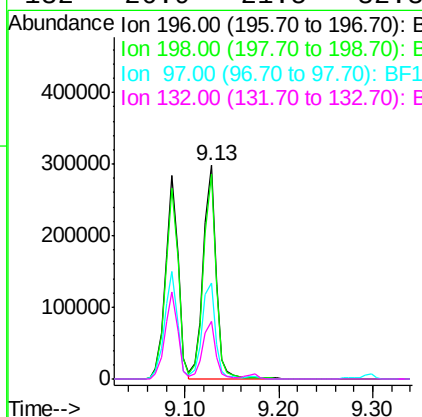
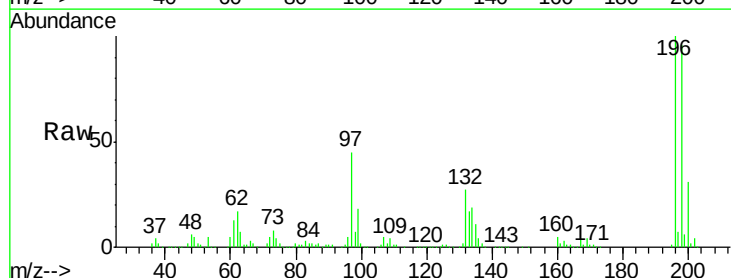
Instrument :
 BNA_F
 ClientSampled :

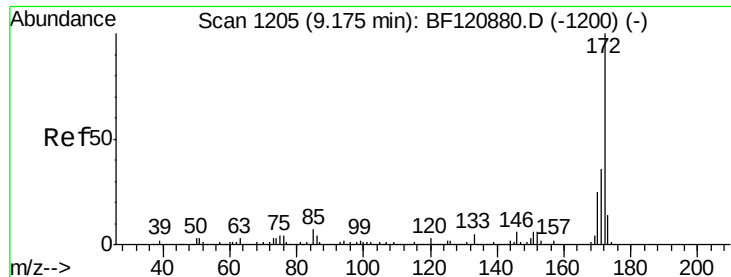
Tot Ion:196 Resp: 263640
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.7 113.5
 200 29.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 37.585 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion:196 Resp: 284886
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.6 116.4
 97 45.2 35.6 53.4
 132 26.9 21.5 32.3

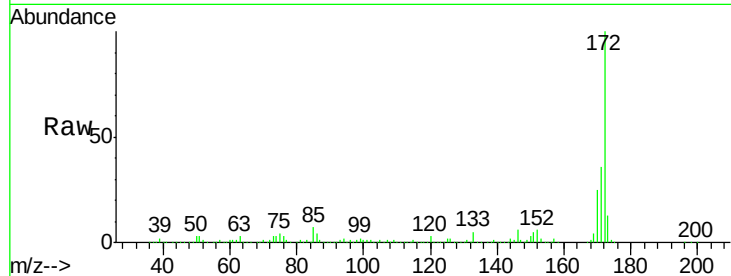




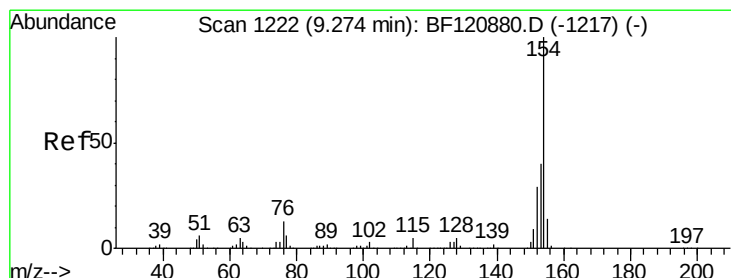
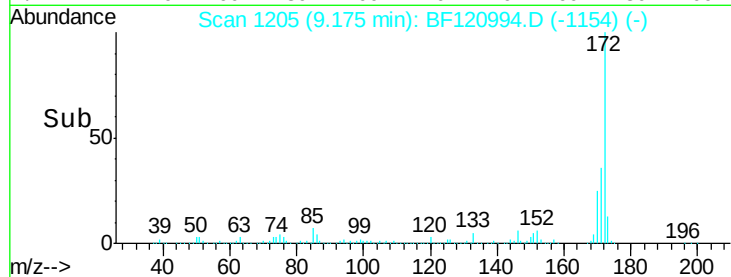
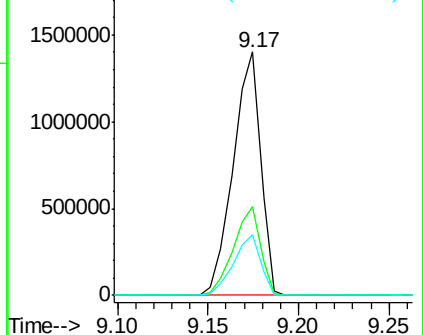
#45
2-Fluorobiphenyl
Concen: 67.886 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1481061
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 24.6 19.6 29.4

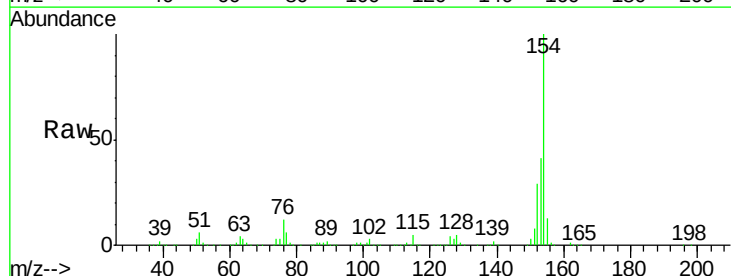


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

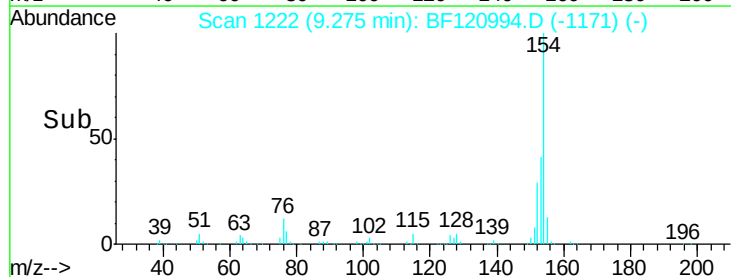
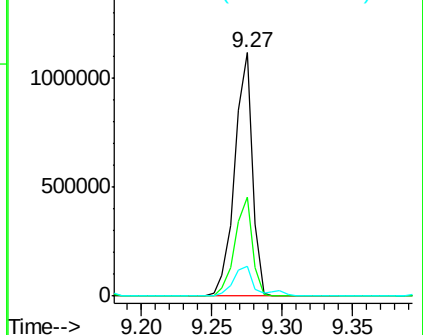


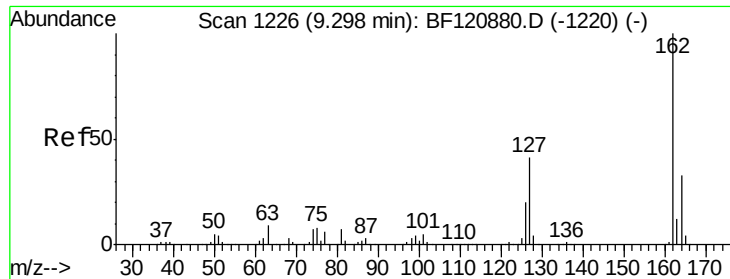
#46
1,1'-Biphenyl
Concen: 39.190 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:154 Resp: 973750
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 12.2 0.0 33.1



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

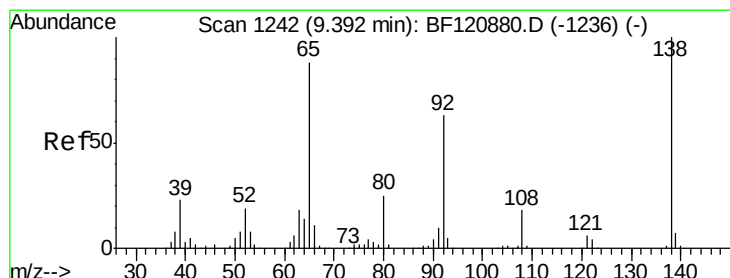
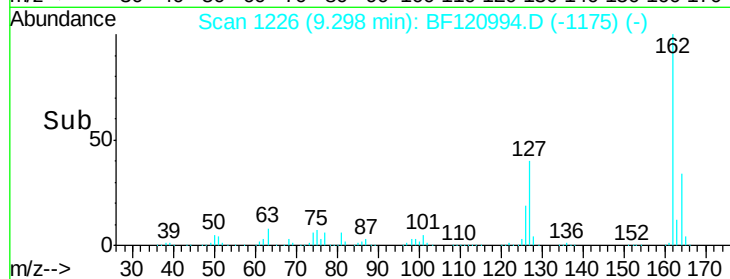
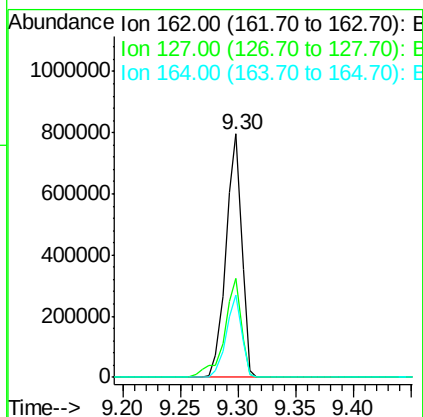
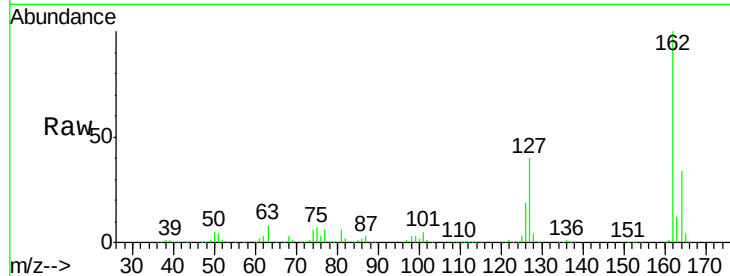




#47
 2-Chloronaphthalene
 Concen: 37.093 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

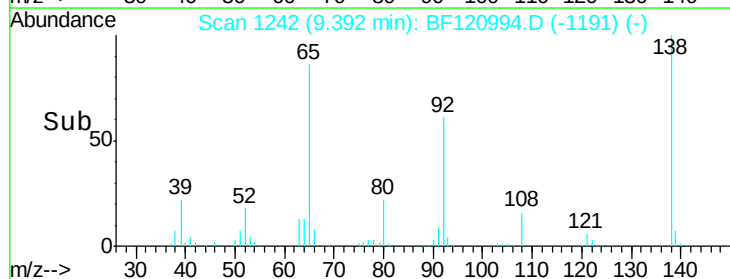
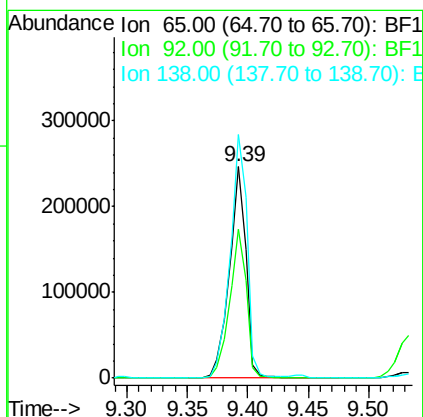
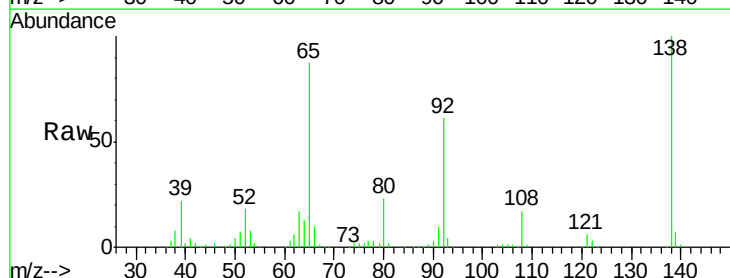
Instrument :
 BNA_F
 ClientSampleId :

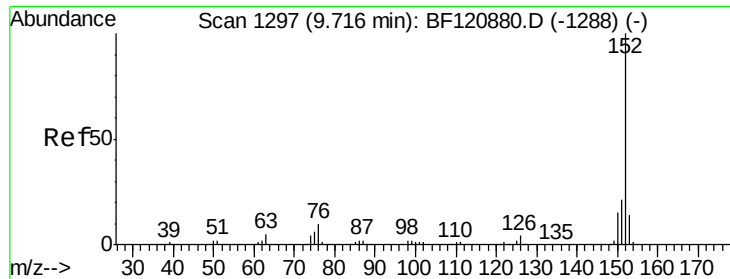
Tot Ion:162 Resp: 751431
 Ion Ratio Lower Upper
 162 100
 127 40.5 33.3 49.9
 164 33.7 26.6 39.8



#48
 2-Nitroaniline
 Concen: 38.677 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion: 65 Resp: 236780
 Ion Ratio Lower Upper
 65 100
 92 70.5 57.0 85.4
 138 115.3 90.4 135.6





#49

Acenaphthylene

Concen: 38.599 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

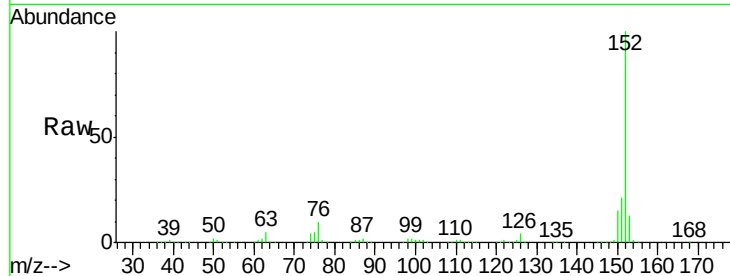
Tot Ion:152 Resp: 1214743

Ion Ratio Lower Upper

152 100

151 20.6 16.6 25.0

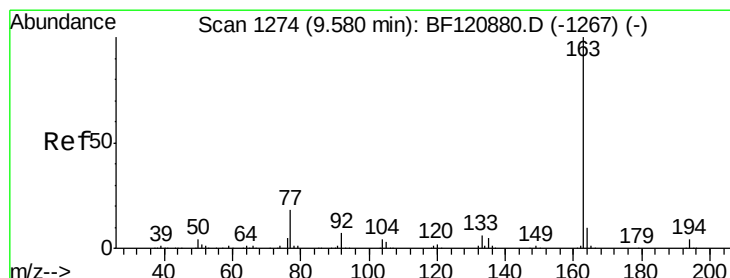
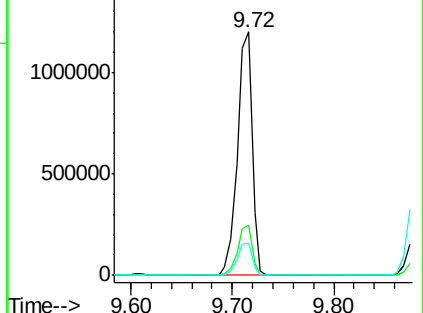
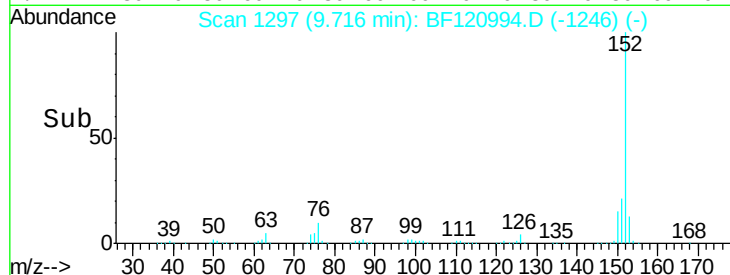
153 13.3 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.832 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

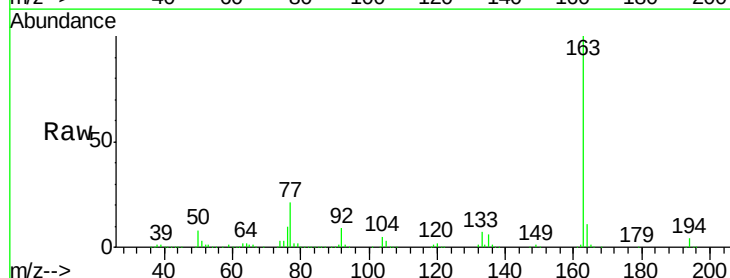
Tgt Ion:163 Resp: 1147547

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

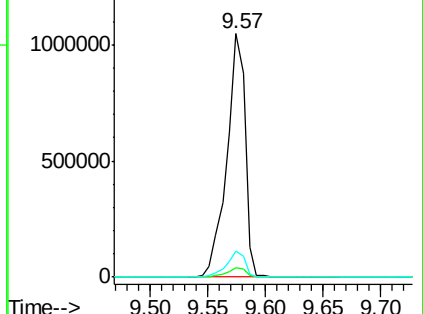
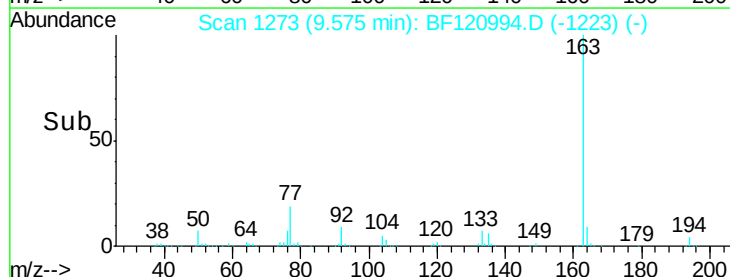
164 10.5 7.9 11.9

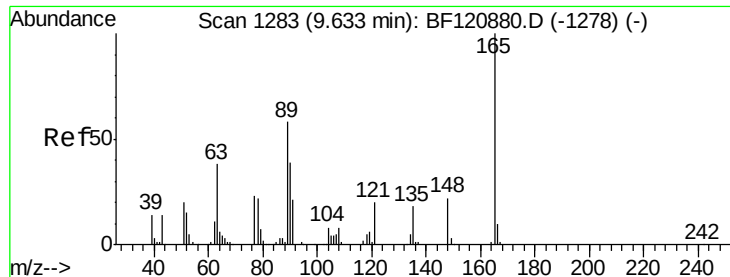


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

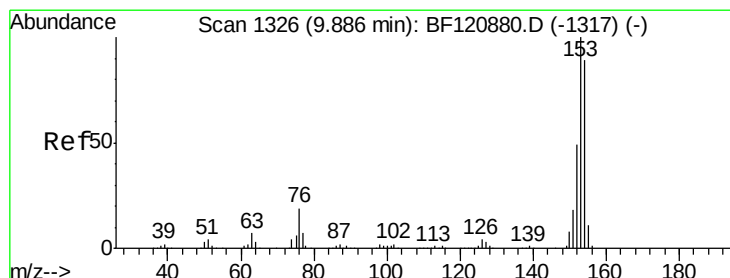
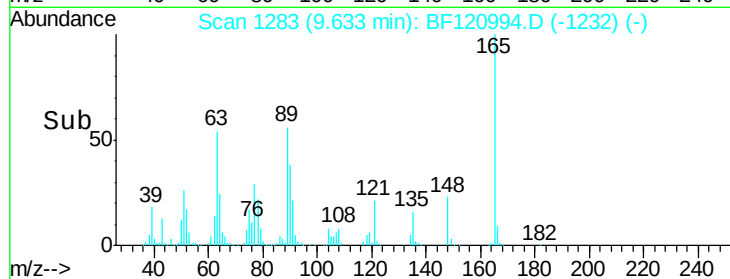
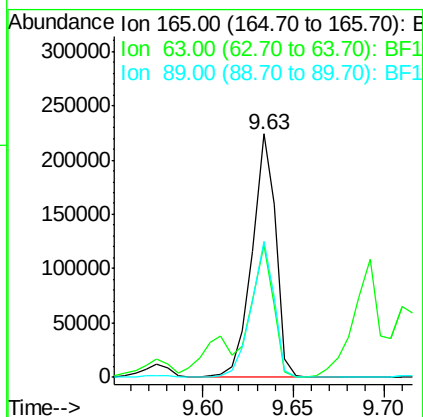
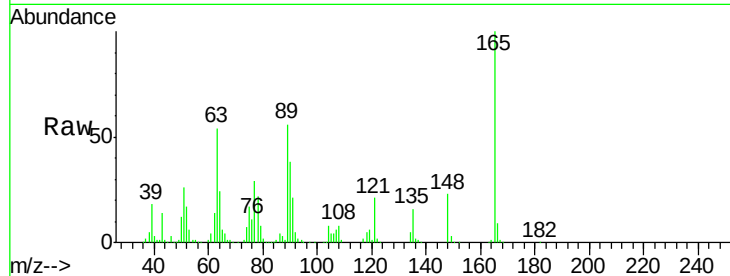




#51
 2,6-Dinitrotoluene
 Concen: 40.183 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

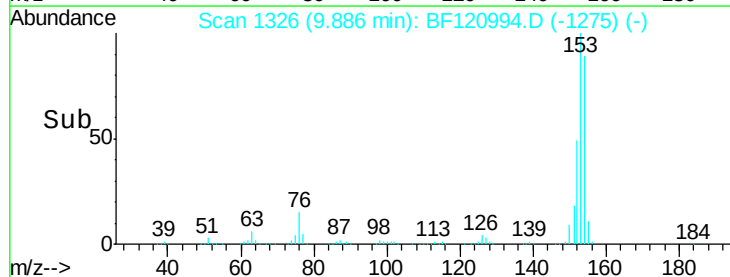
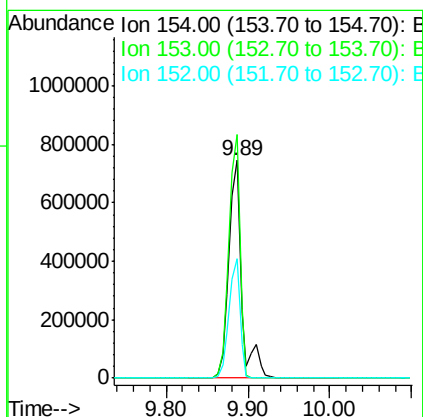
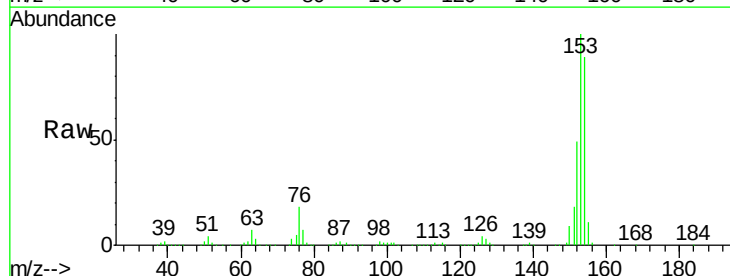
Instrument :
 BNA_F
 ClientSampled :

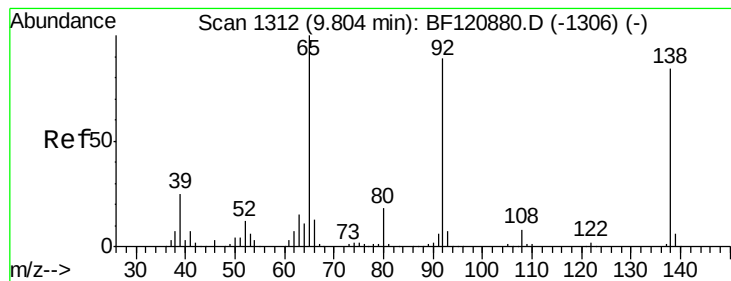
Tot Ion	Ratio	Lower	Upper
165	100		
63	54.2	45.4	68.2
89	56.1	47.0	70.4



#52
 Acenaphthene
 Concen: 40.343 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.5	134.3
152	54.7	44.2	66.2





#53

3-Nitroaniline

Concen: 16.959 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

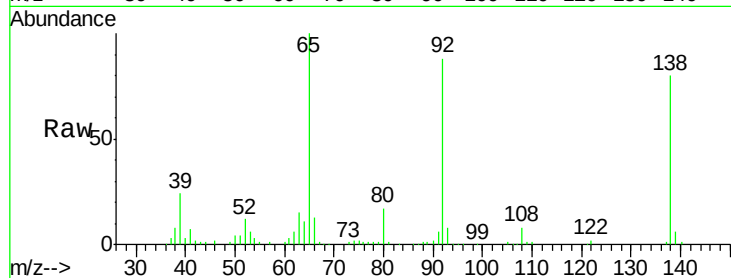
Tot Ion:138 Resp: 107383

Ion Ratio Lower Upper

138 100

108 10.5 7.9 11.9

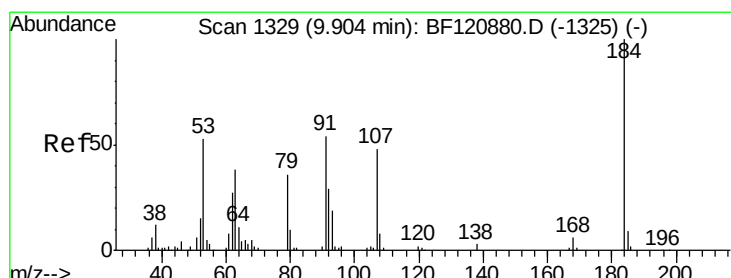
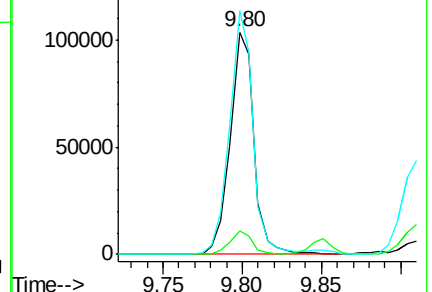
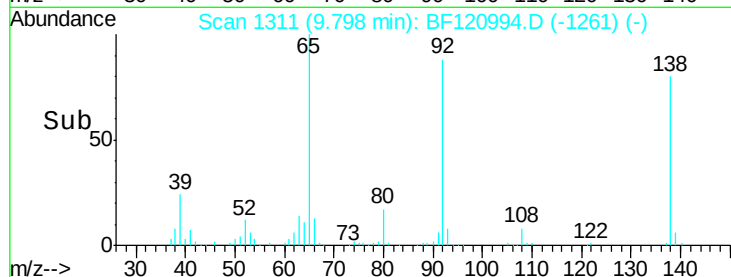
92 109.6 85.3 127.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 61.158 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

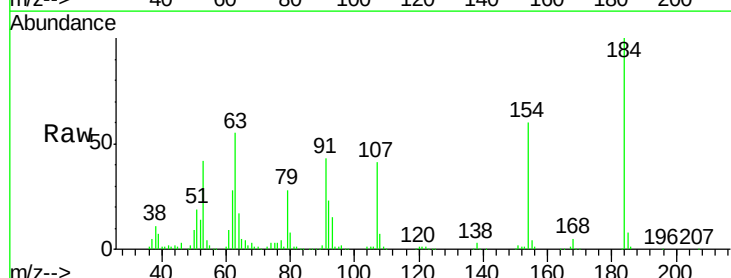
Tgt Ion:184 Resp: 172612

Ion Ratio Lower Upper

184 100

63 55.3 57.9 86.9#

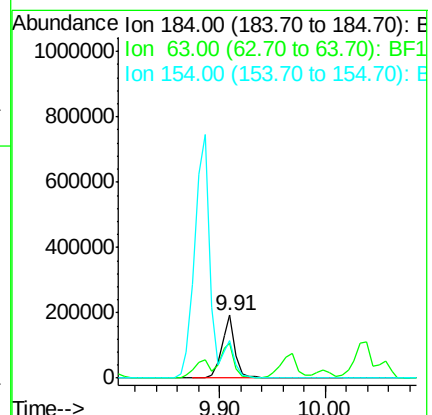
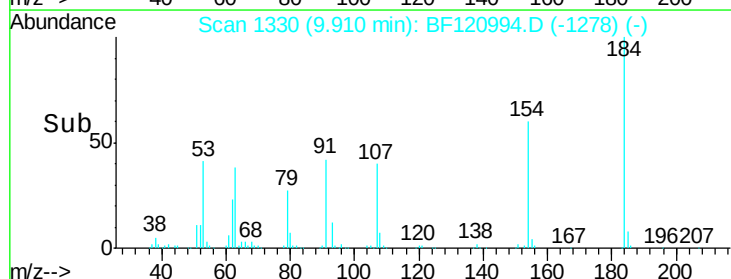
154 60.2 52.6 78.8

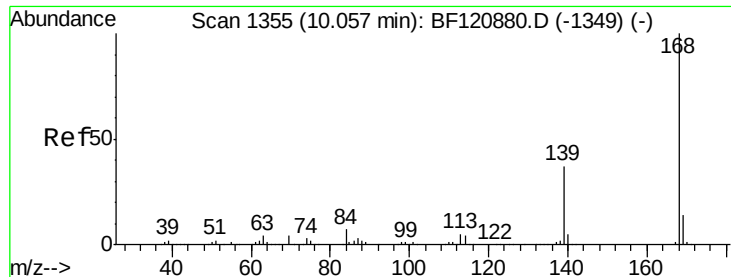


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

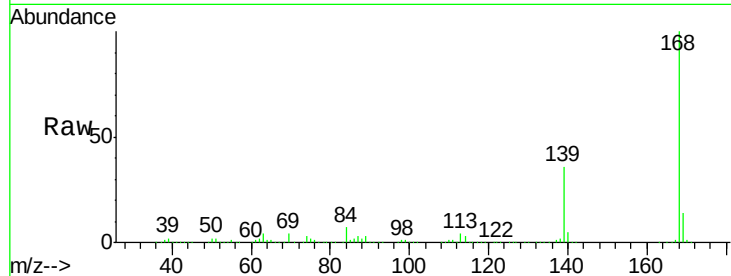




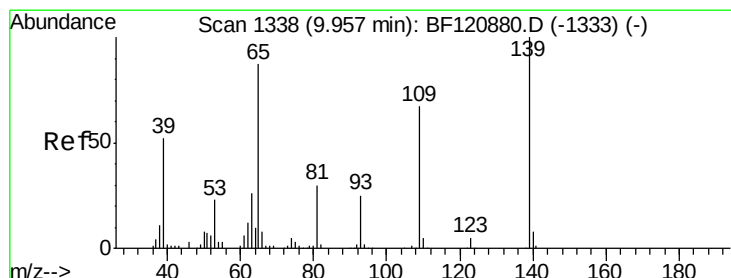
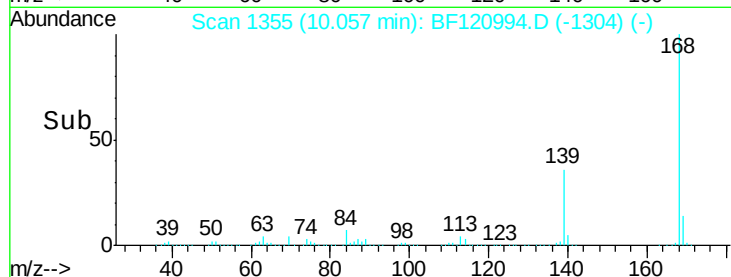
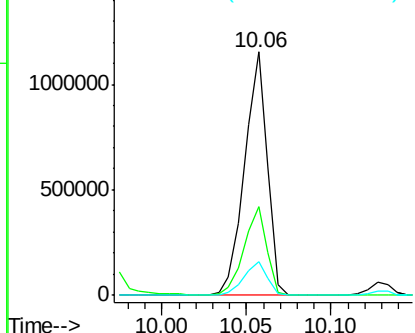
#55
Dibenzenofuran
Concen: 37.494 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1084844
Ion Ratio Lower Upper
168 100
139 36.4 29.7 44.5
169 13.7 11.1 16.7

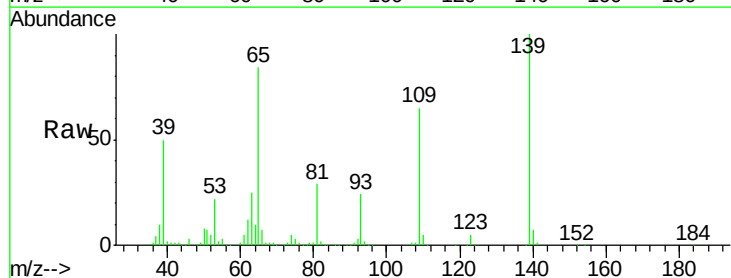


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

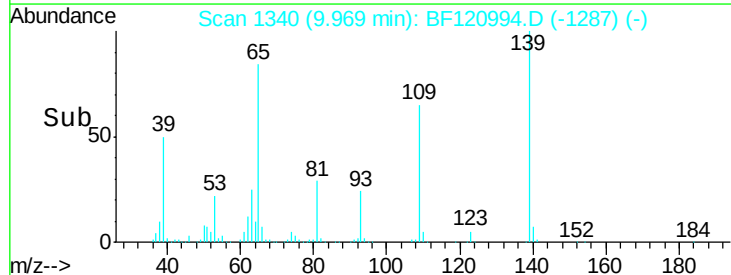
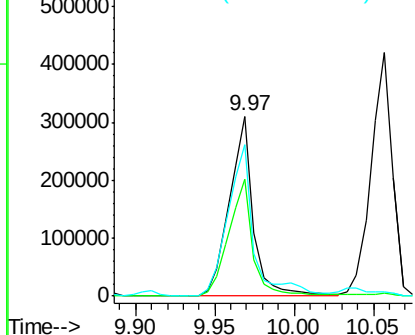


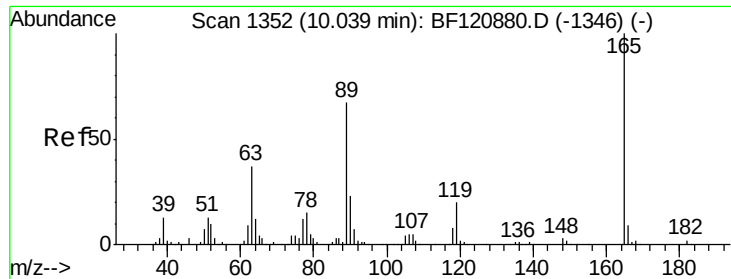
#56
4-Nitrophenol
Concen: 68.059 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:139 Resp: 327361
Ion Ratio Lower Upper
139 100
109 65.2 47.3 87.3
65 84.0 67.2 107.2



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

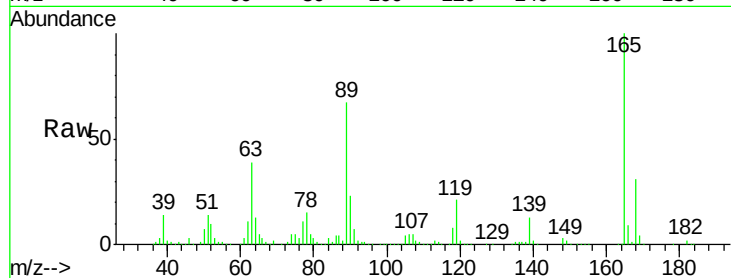




#57
2,4-Dinitrotoluene
Concen: 40.999 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	271823
Ion Ratio	Lower	Upper
165	100	
63	38.8	29.4 44.2
89	67.1	53.4 80.0
182	2.3	1.8 2.6

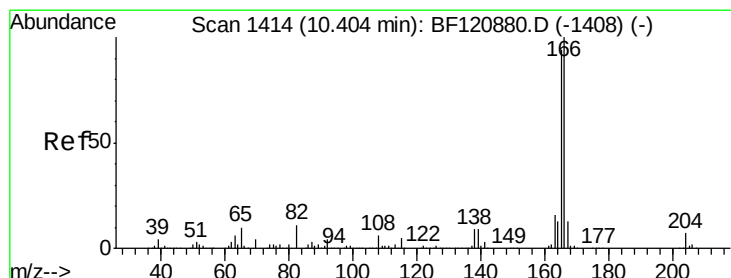
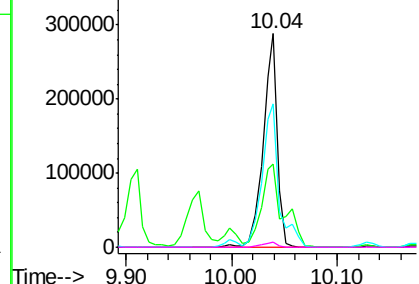
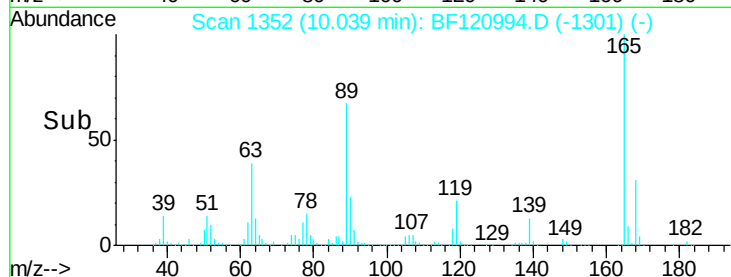


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

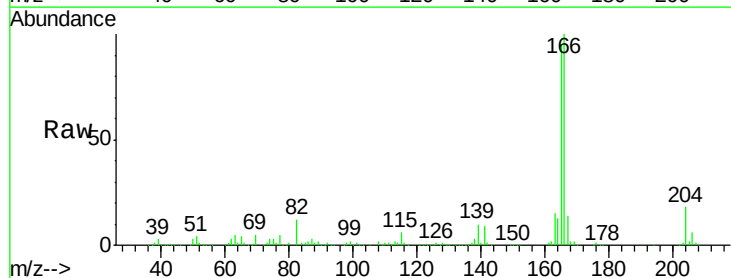
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.468 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

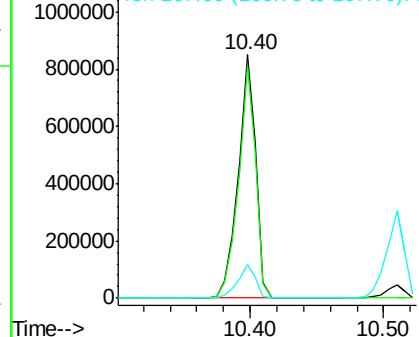
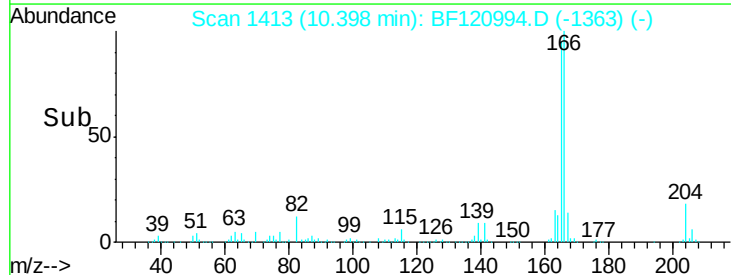
Tgt Ion:166	Resp:	786978
Ion Ratio	Lower	Upper
166	100	
165	95.4	75.4 113.0
167	13.8	10.6 15.8

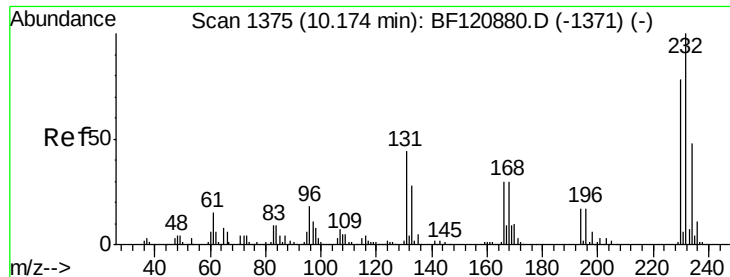


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

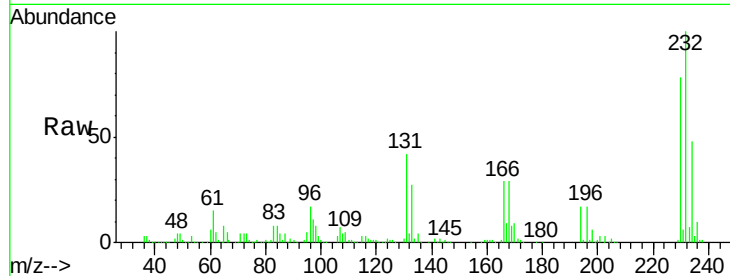




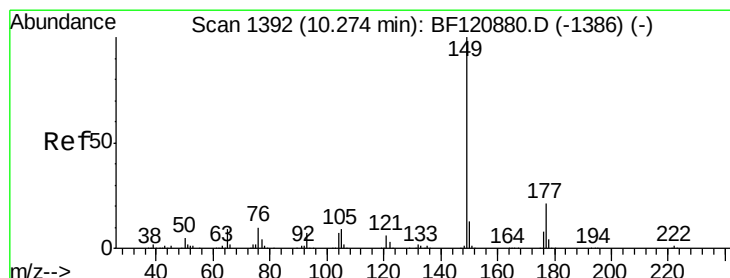
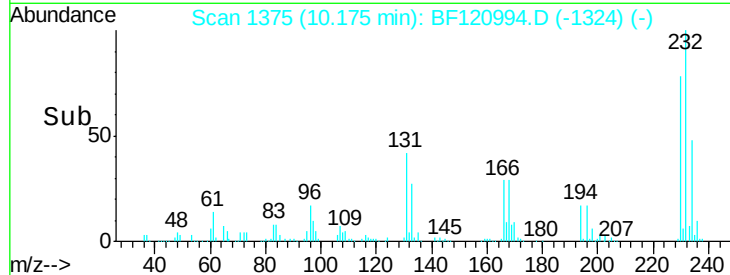
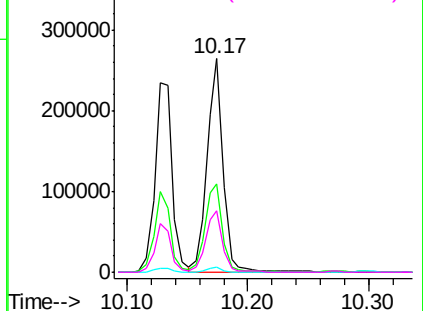
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.692 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	240608
Ion	Ratio	Lower	Upper
232	100		
131	44.0	37.1	55.7
130	2.2	1.7	2.5
166	30.3	24.2	36.4

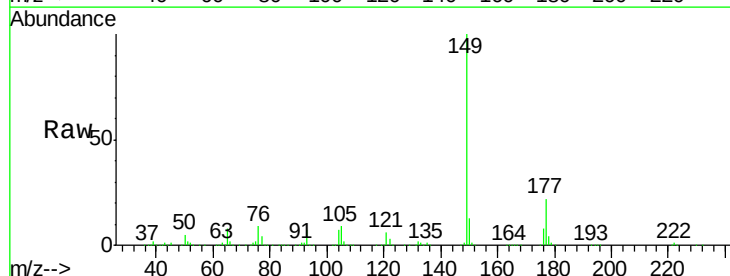


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

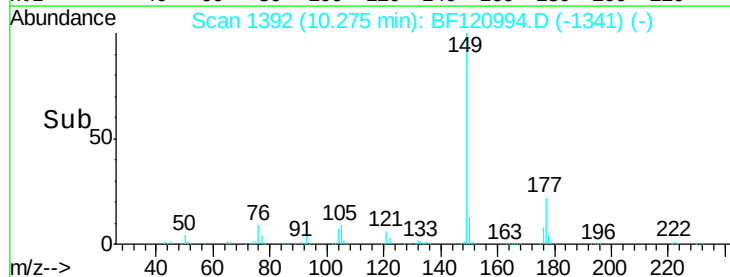
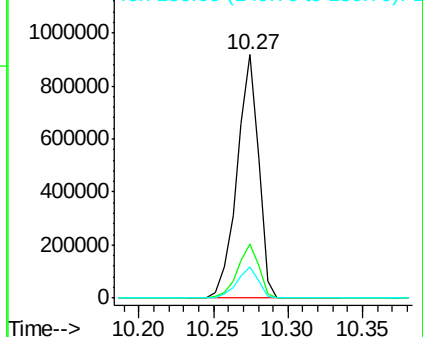


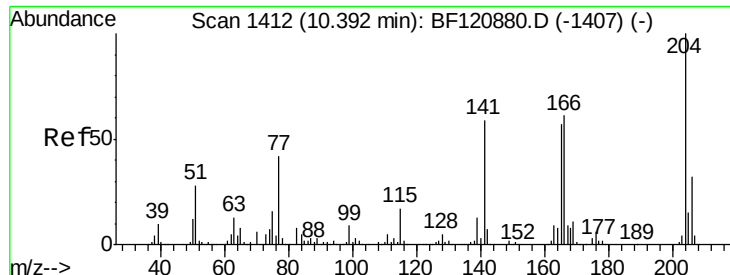
#60
 Diethylphthalate
 Concen: 39.039 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion:	149	Resp:	927930
Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.7	10.3	15.5



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

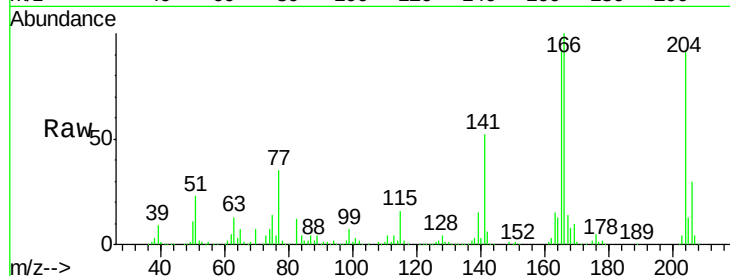




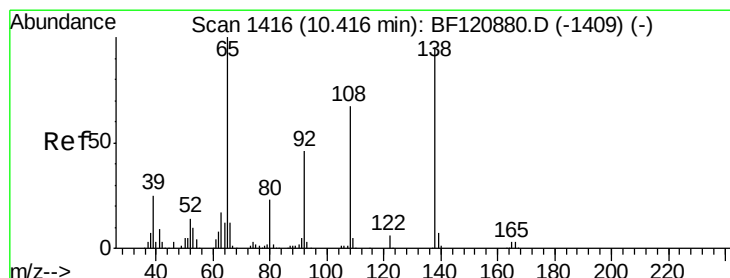
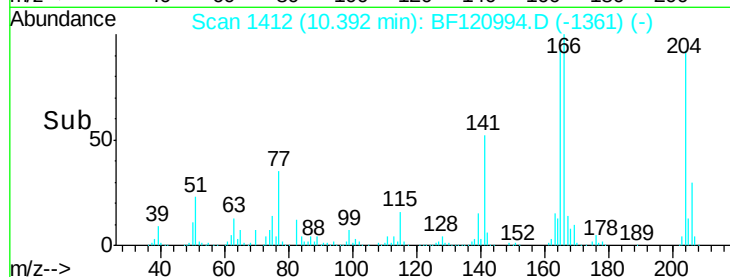
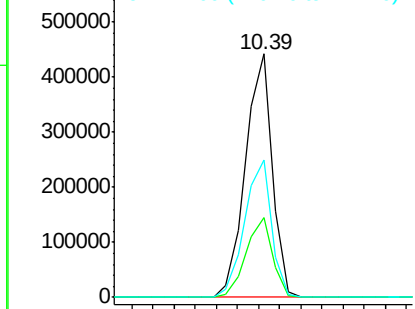
#61
4-Chlorophenyl-phenylether
Concen: 33.809 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 389147
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 56.4 47.2 70.8

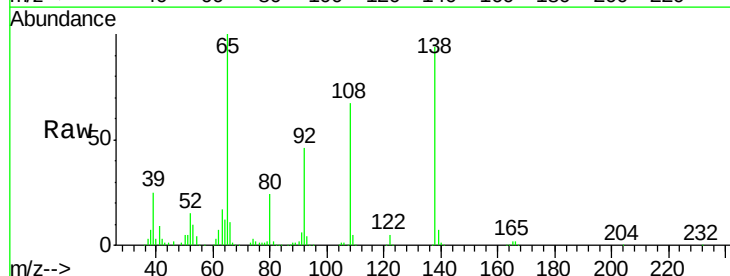


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

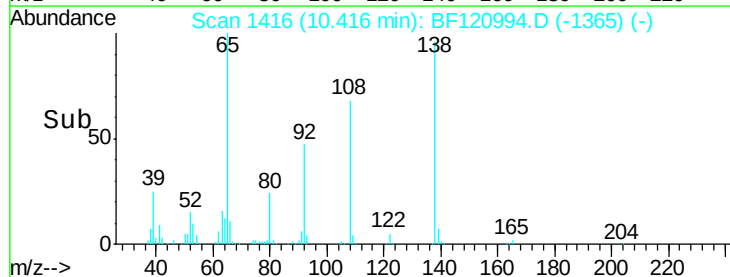
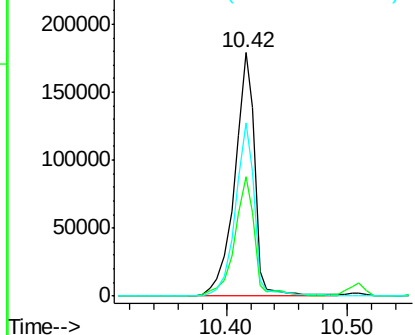


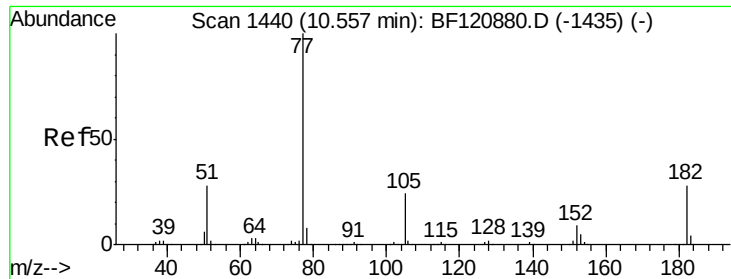
#62
4-Nitroaniline
Concen: 33.678 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:138 Resp: 207725
Ion Ratio Lower Upper
138 100
92 49.2 28.6 68.6
108 71.0 51.1 91.1



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: 37.913 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

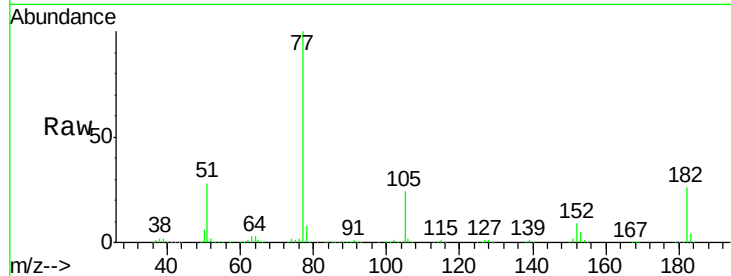
Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampled :



Tot Ion: 77 Resp: 857924

Ion Ratio Lower Upper

77 100

182 26.3 7.8 47.8

105 23.6 4.4 44.4

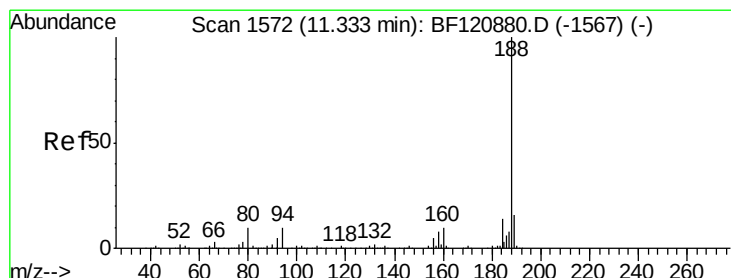
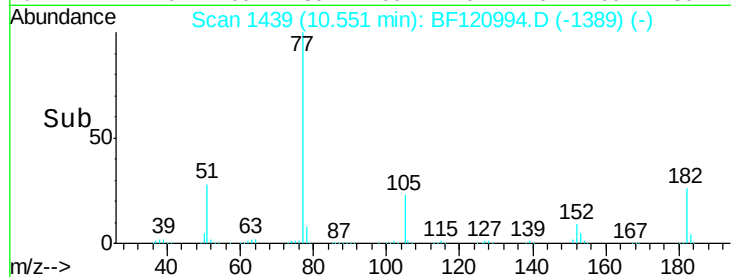
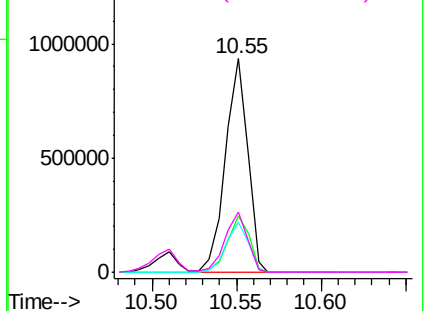
51 28.0 8.0 48.0

Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Tgt Ion: 188 Resp: 632825

Ion Ratio Lower Upper

188 100

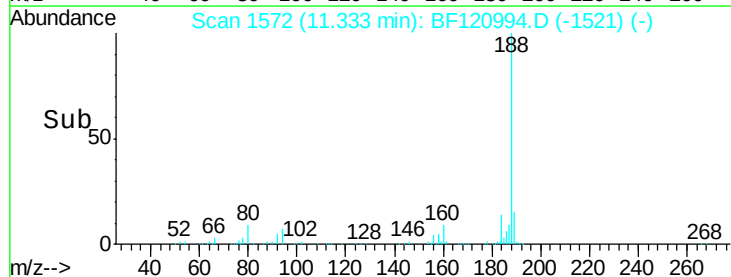
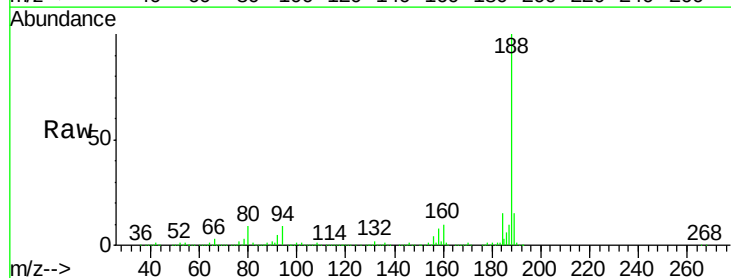
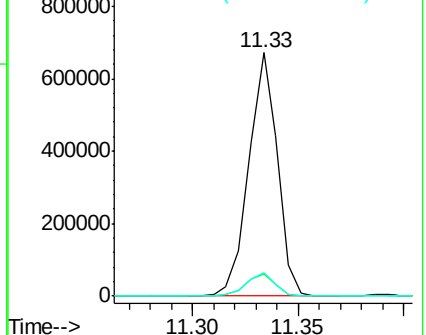
94 9.4 8.0 12.0

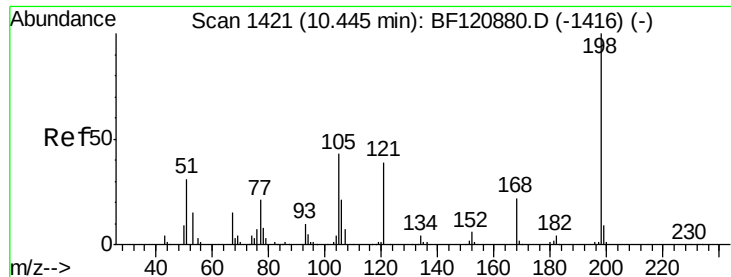
80 9.4 8.3 12.5

Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

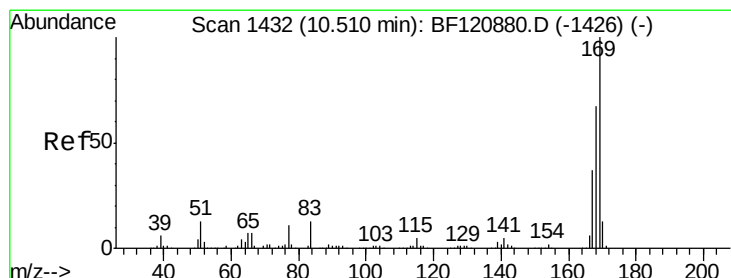
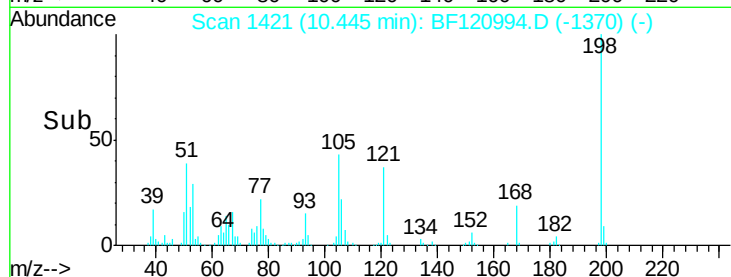
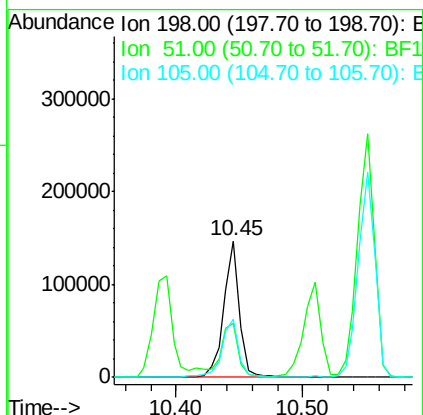
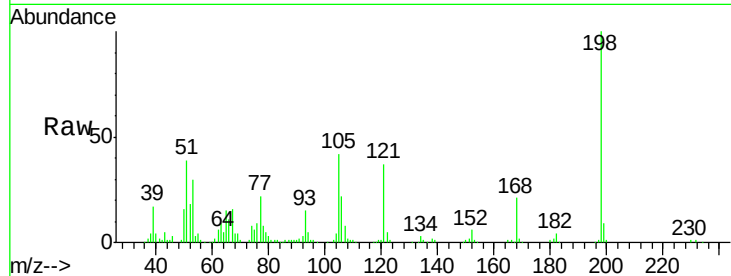




#65
4,6-Dinitro-2-methylphenol
Concen: 35.287 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

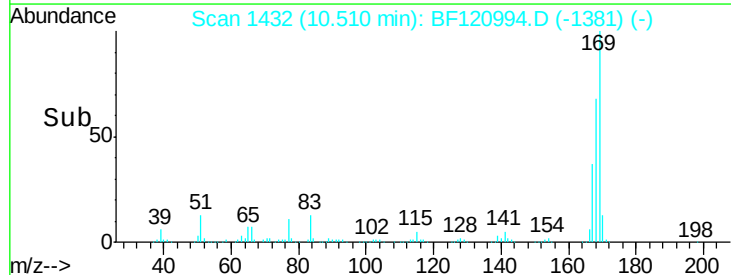
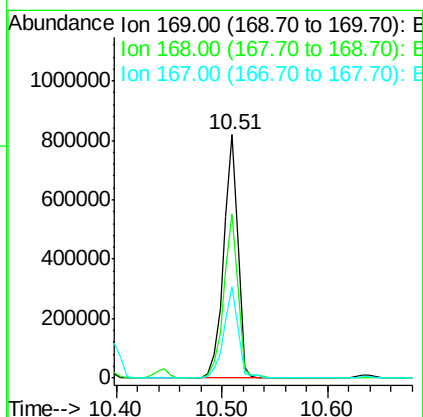
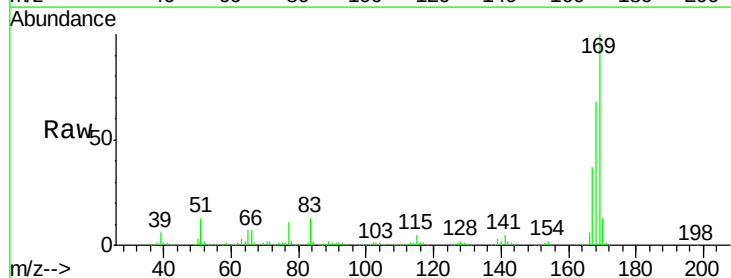
Instrument :
BNA_F
ClientSampleId :

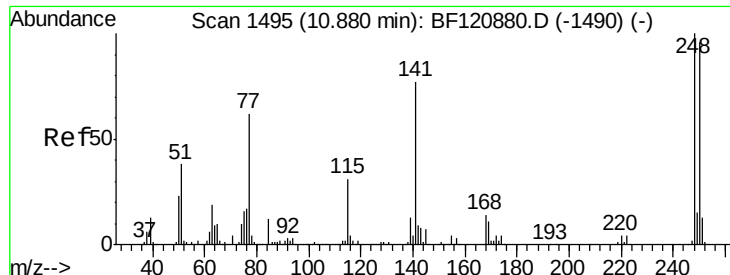
Tot Ion:198 Resp: 125190
Ion Ratio Lower Upper
198 100
51 39.4 19.5 59.5
105 42.4 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 38.609 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:169 Resp: 768599
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.0
167 37.3 29.4 44.0

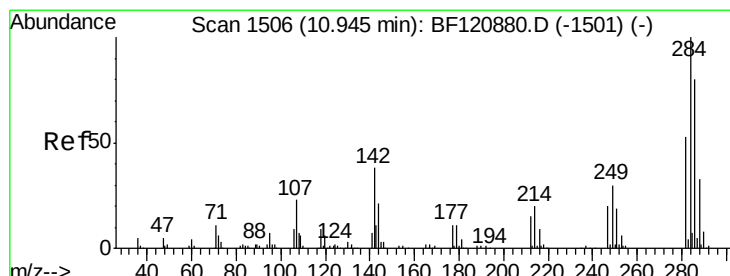
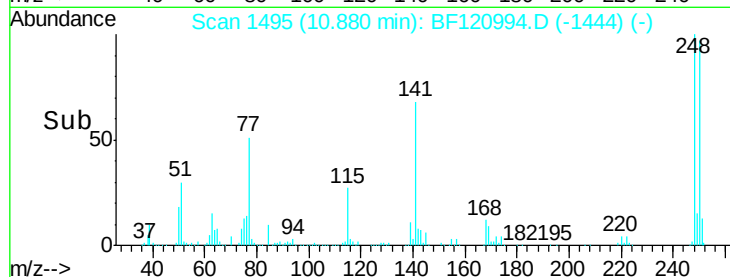
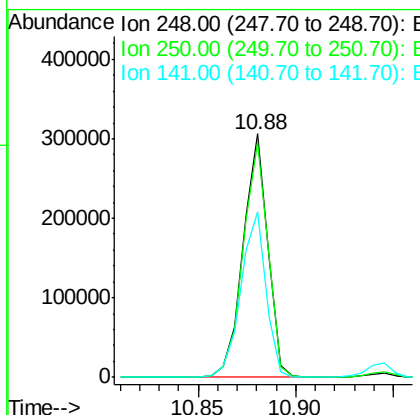
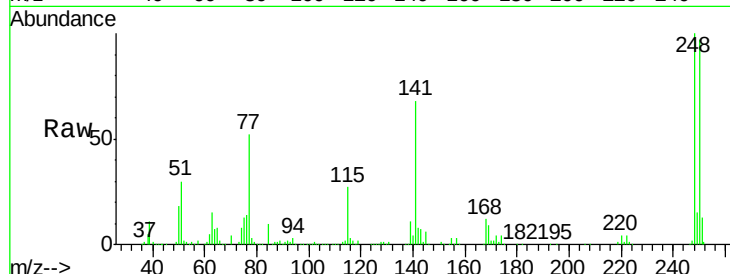




#67
 4-Bromophenyl-phenylether
 Concen: 37.830 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

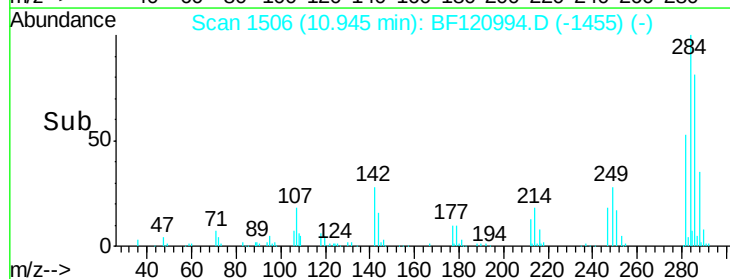
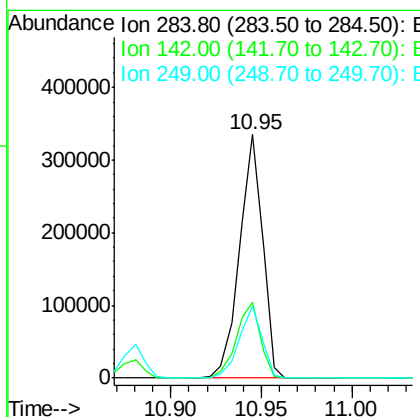
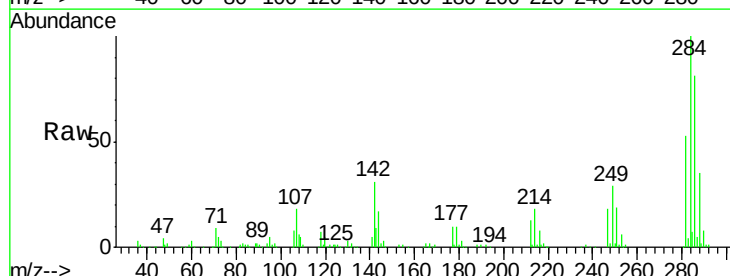
Instrument :
 BNA_F
 ClientSampled :

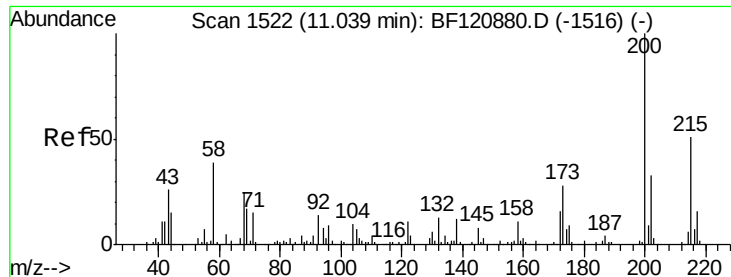
Tot Ion:248 Resp: 266910
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.1 115.7
 141 67.9 61.2 91.8



#68
 Hexachlorobenzene
 Concen: 38.834 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.00 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion:284 Resp: 296391
 Ion Ratio Lower Upper
 284 100
 142 31.4 30.2 45.2
 249 29.4 24.2 36.2





#69

Atrazine

Concen: 45.113 ng

RT: 11.04 min Scan# 1522

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

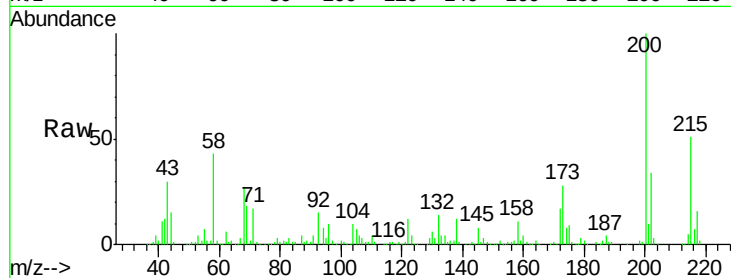
Tot Ion:200 Resp: 222416

Ion Ratio Lower Upper

200 100

173 27.8 8.0 48.0

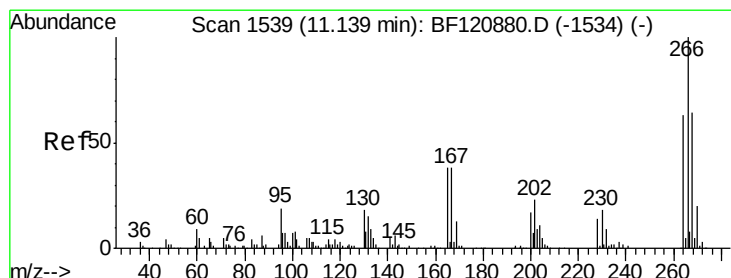
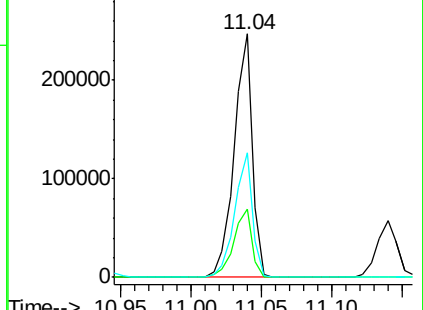
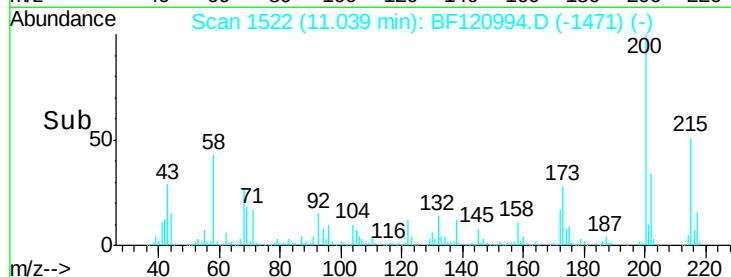
215 50.9 31.5 71.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 80.351 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

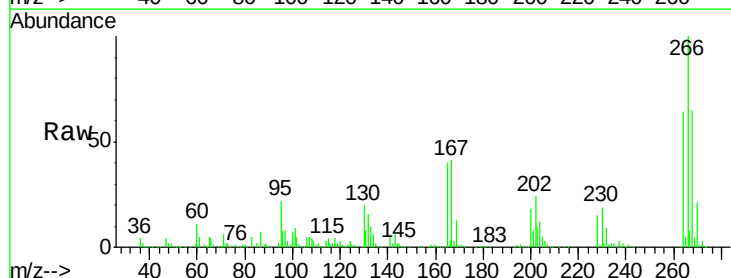
Tgt Ion:266 Resp: 351323

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

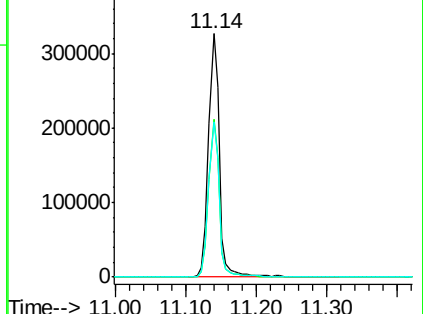
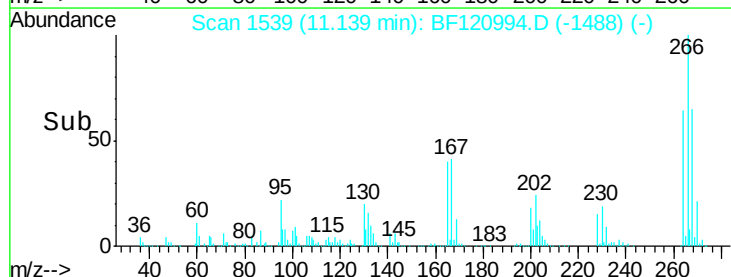
264 63.9 50.2 75.2

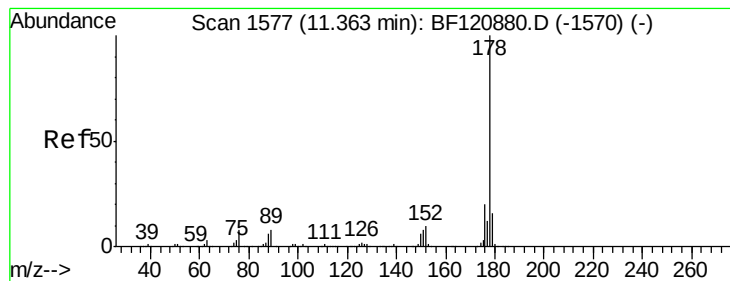


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.107 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

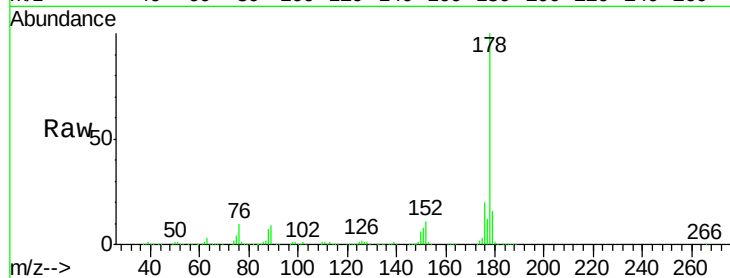
Tot Ion:178 Resp: 1207685

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

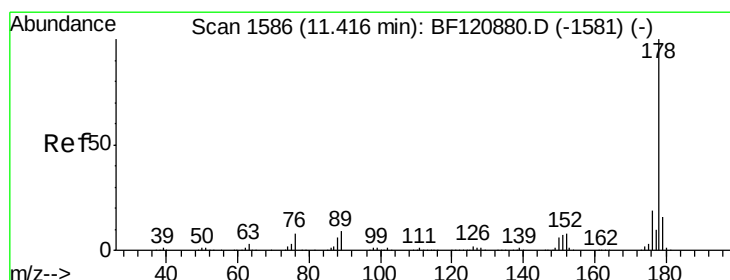
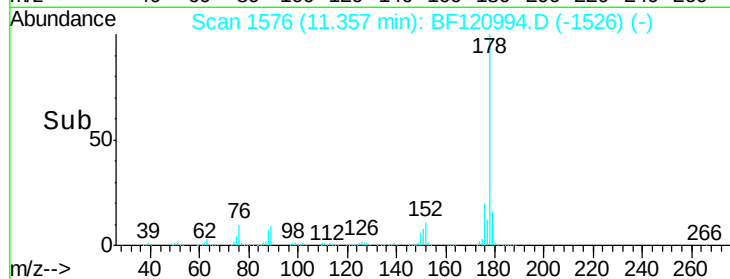
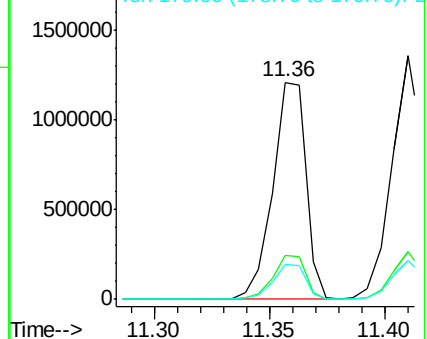
179 16.4 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.970 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

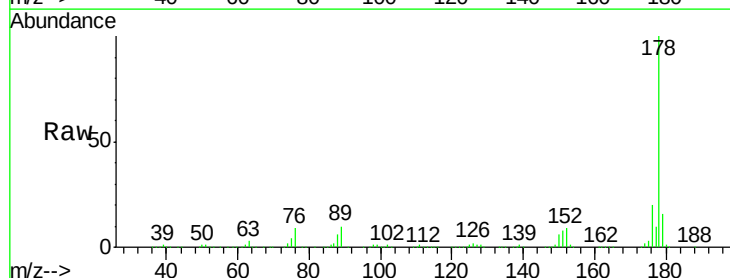
Tgt Ion:178 Resp: 1273596

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

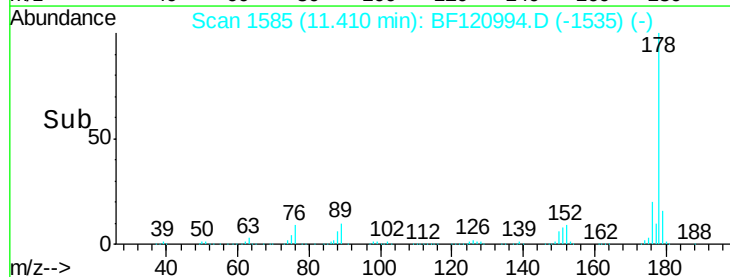
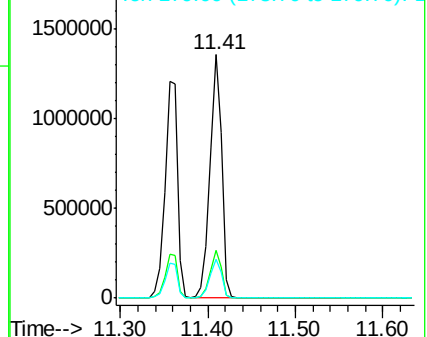
179 16.0 12.8 19.2

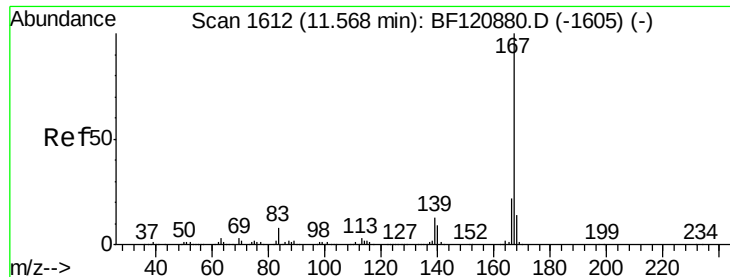


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

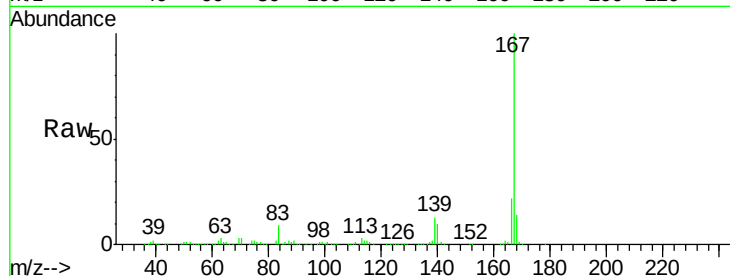




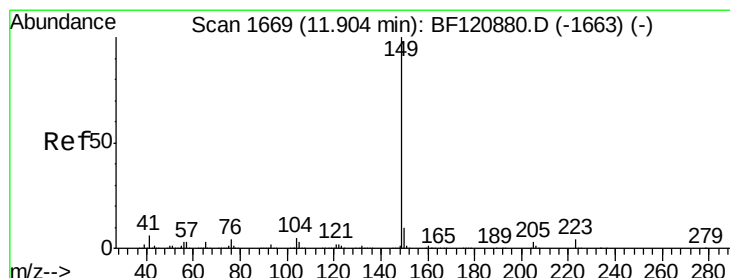
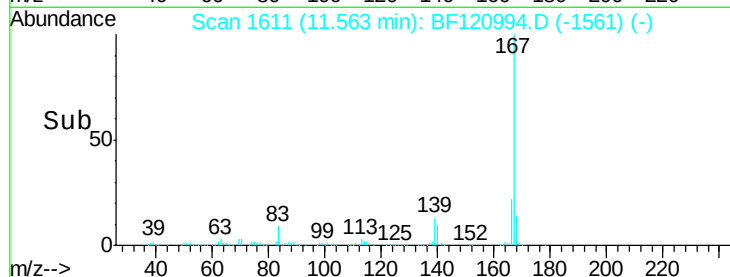
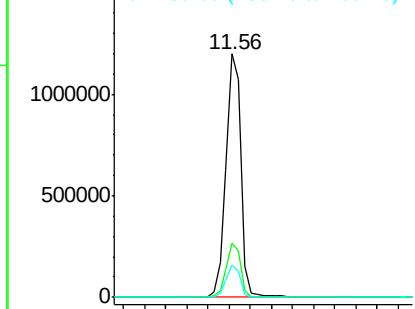
#73
 Carbazole
 Concen: 36.456 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1182381
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 13.2 10.1 15.1

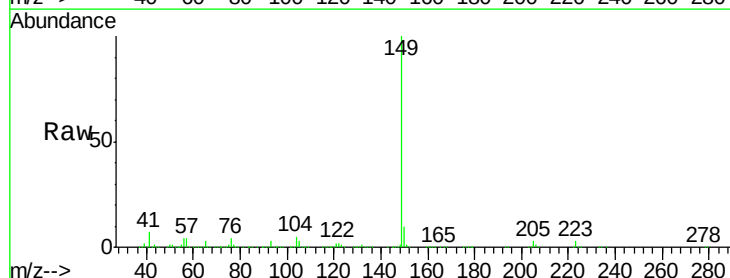


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

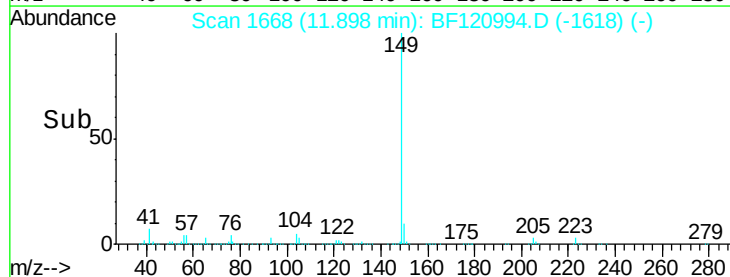
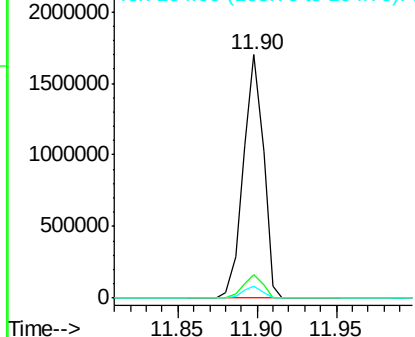


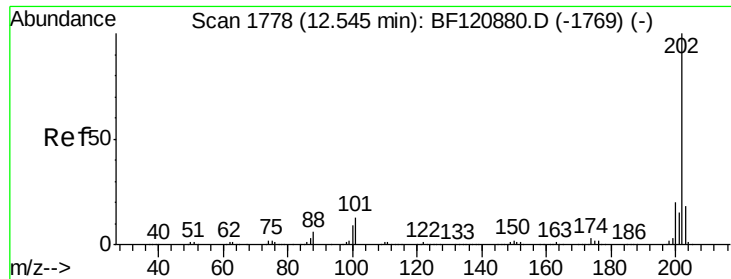
#74
 Di-n-butylphthalate
 Concen: 39.820 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion:149 Resp: 1490357
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.6
 104 4.9 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

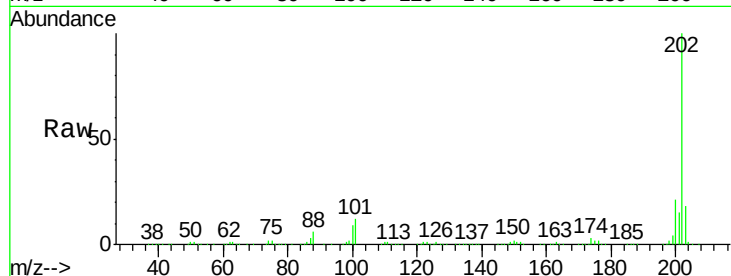




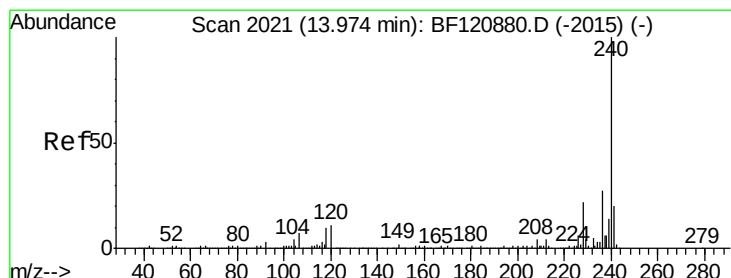
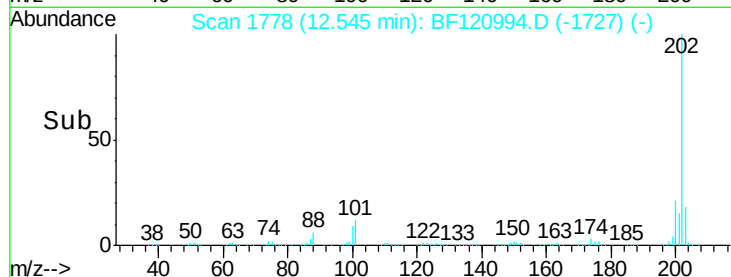
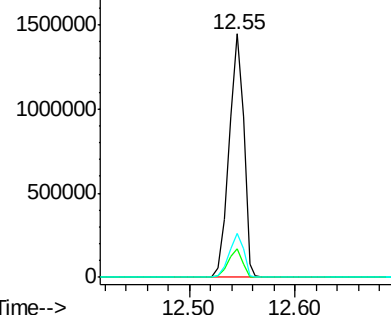
#75
Fluoranthene
Concen: 37.866 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1366004
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.7
203 18.2 0.0 38.0

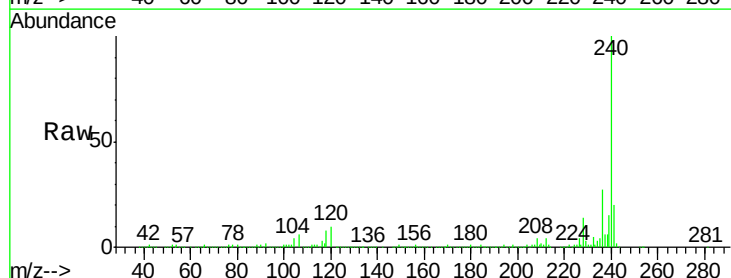


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

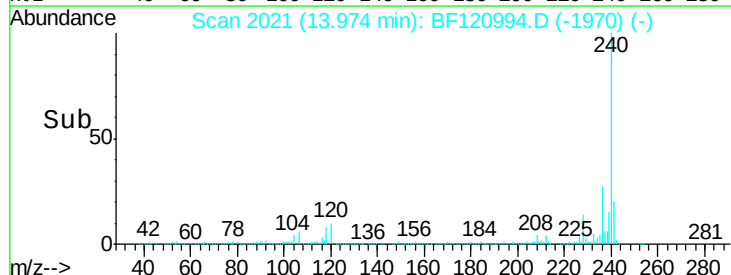
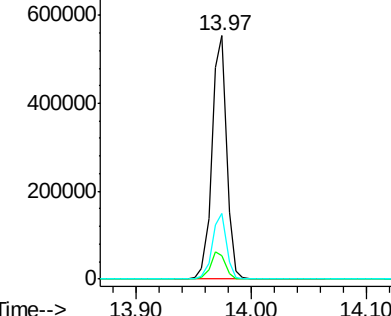


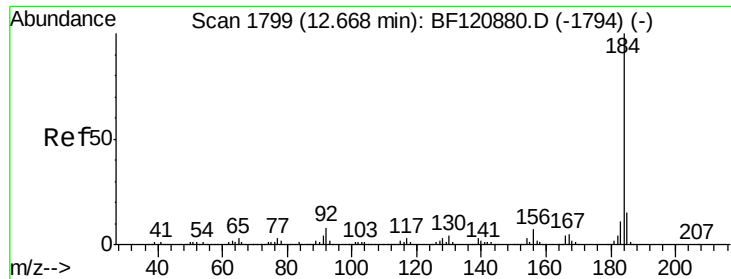
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:240 Resp: 489823
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.4
236 26.9 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.904 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

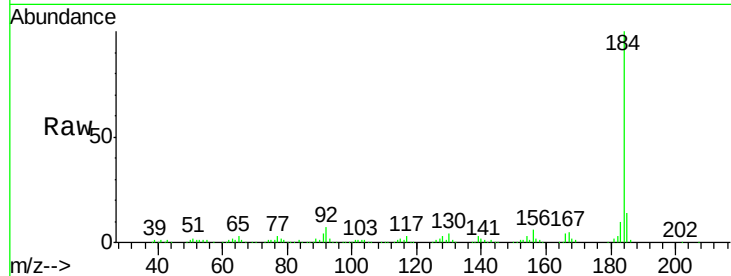
Tot Ion:184 Resp: 191936

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.2

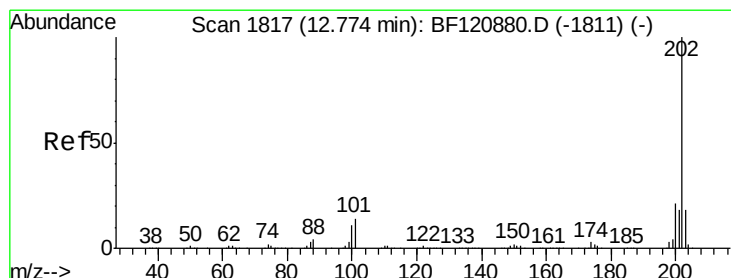
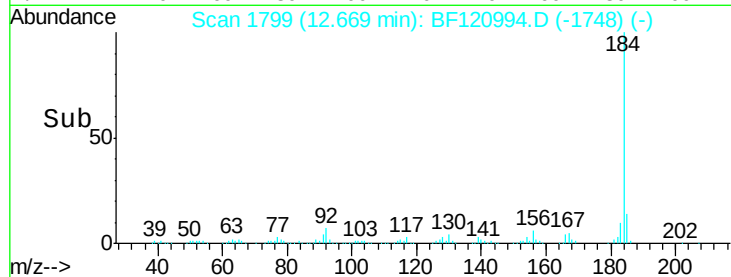
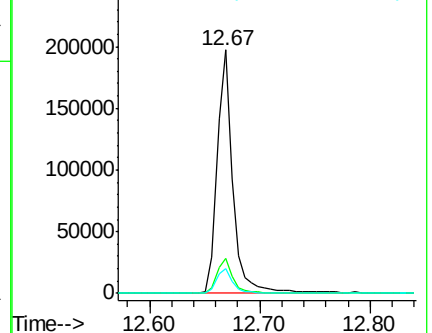
183 10.1 8.5 12.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.342 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

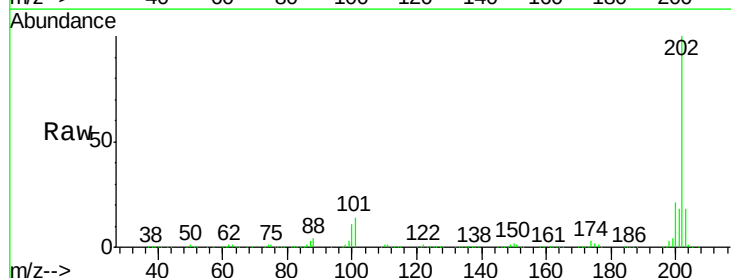
Tgt Ion:202 Resp: 1397087

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

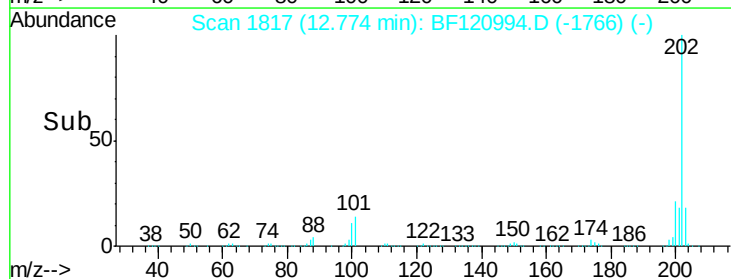
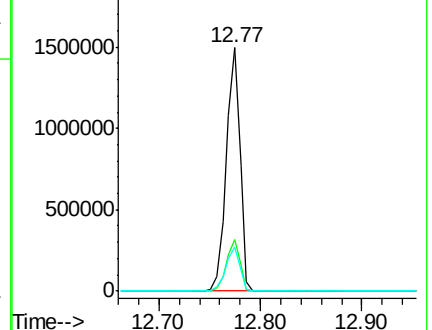
203 18.0 14.4 21.6

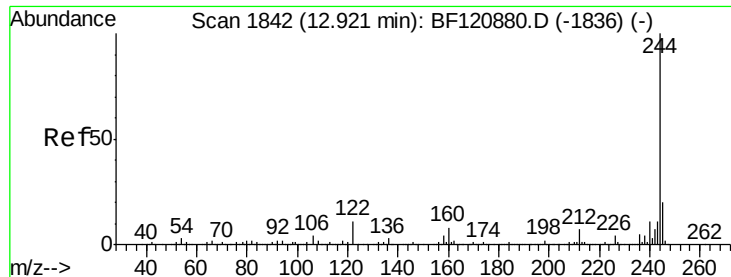


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.733 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

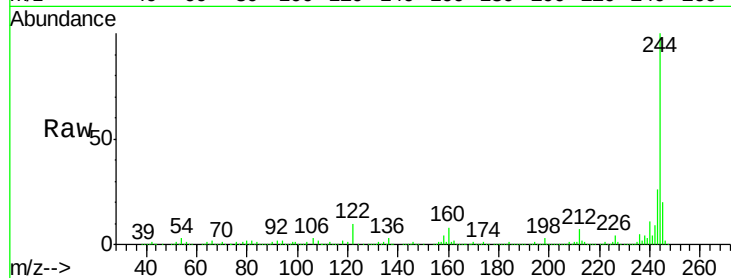
Tot Ion:244 Resp: 1548770

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

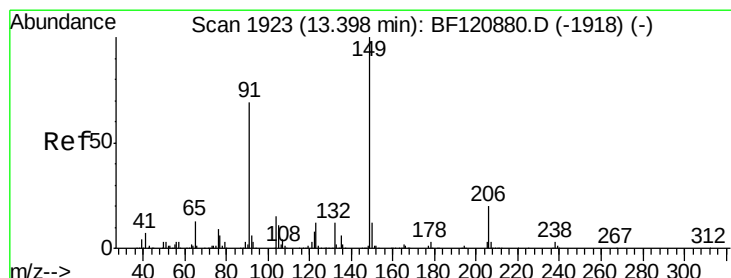
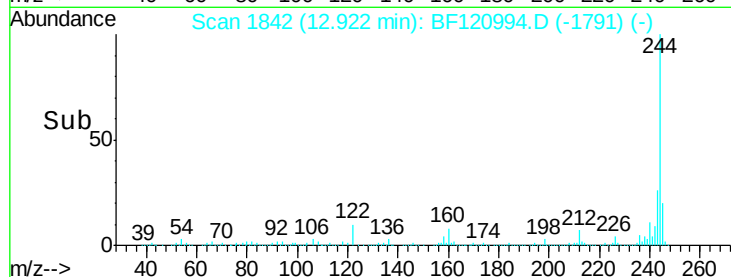
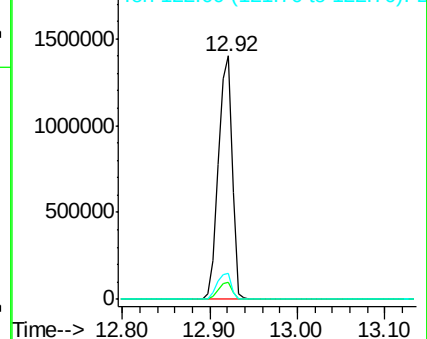
122 10.4 8.9 13.3



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: 42.647 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

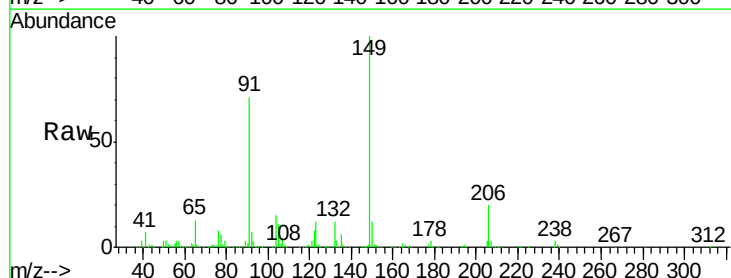
Tgt Ion:149 Resp: 658377

Ion Ratio Lower Upper

149 100

91 70.5 55.1 82.7

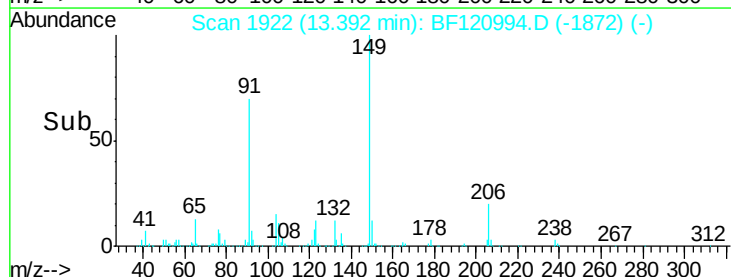
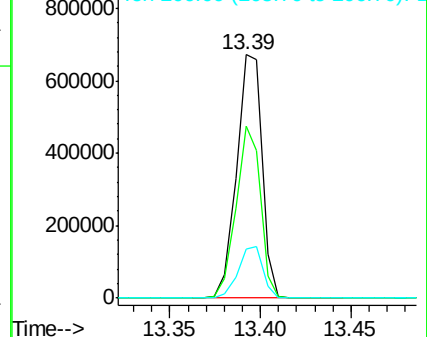
206 20.1 16.1 24.1

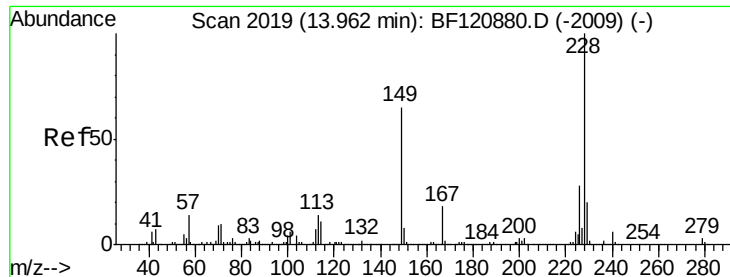


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.060 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

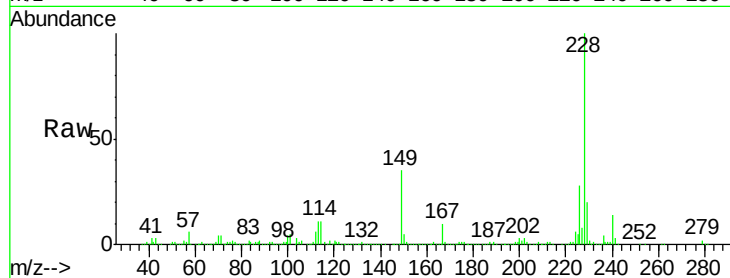
Tot Ion:228 Resp: 1069577

Ion Ratio Lower Upper

228 100

226 28.2 22.3 33.5

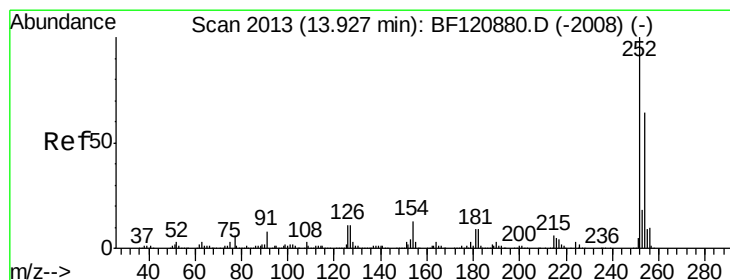
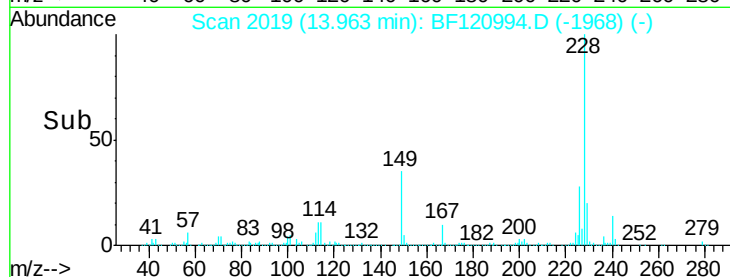
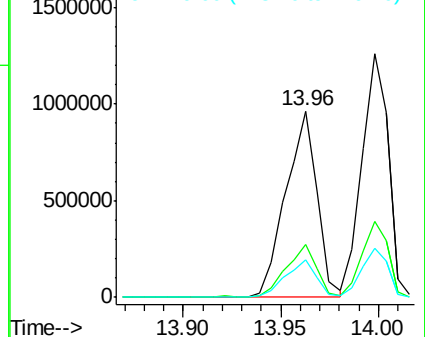
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.781 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

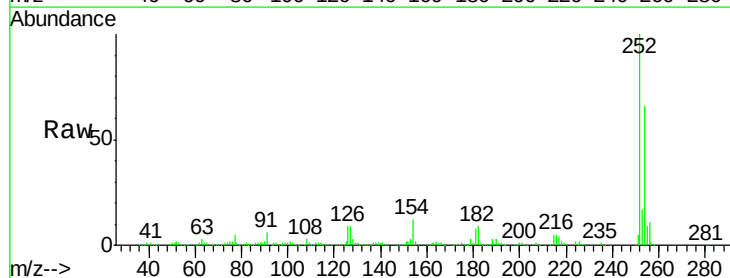
Tgt Ion:252 Resp: 333263

Ion Ratio Lower Upper

252 100

254 65.6 51.2 76.8

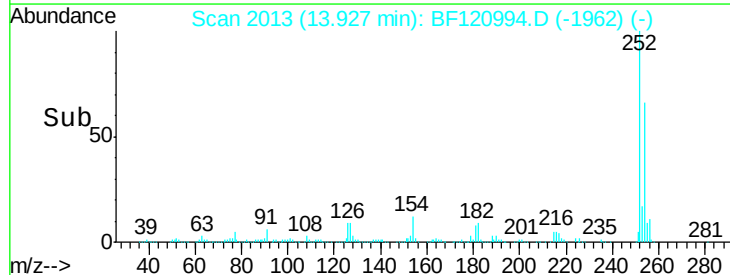
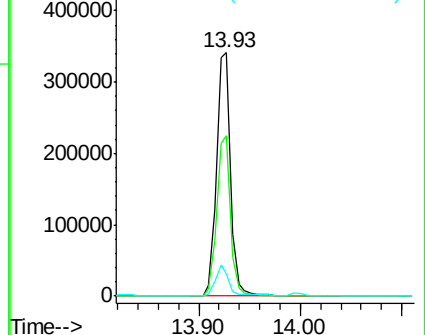
126 9.0 8.7 13.1

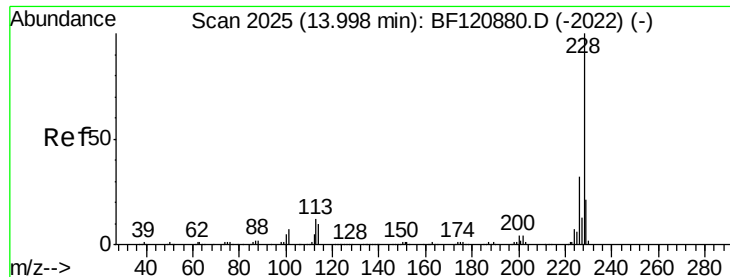


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.255 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

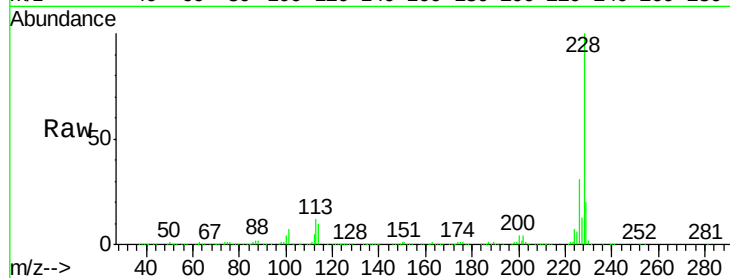
Tot Ion:228 Resp: 1192445

Ion Ratio Lower Upper

228 100

226 31.3 25.6 38.4

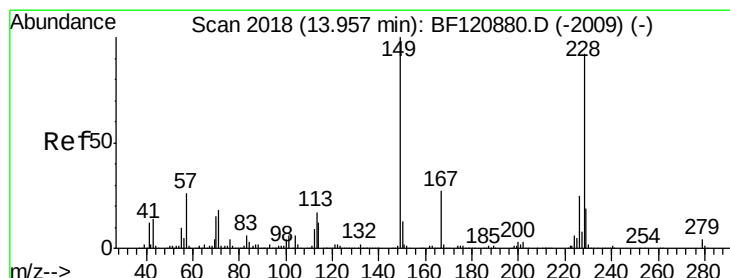
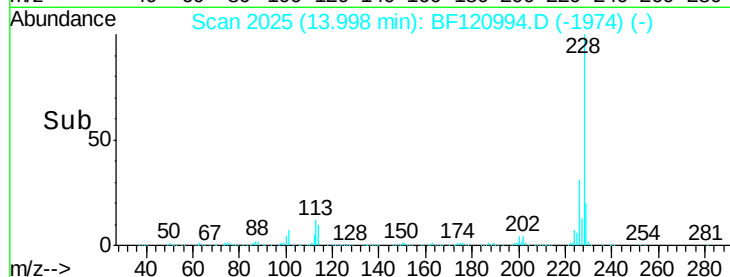
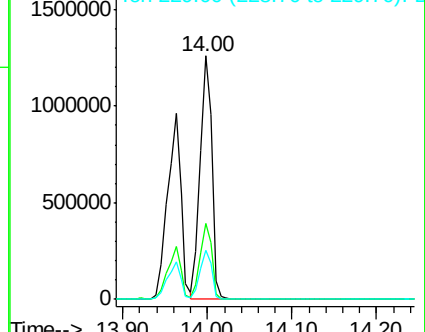
229 20.2 16.8 25.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.691 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

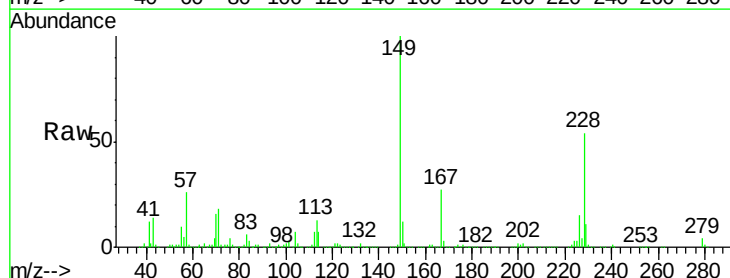
Tgt Ion:149 Resp: 945950

Ion Ratio Lower Upper

149 100

167 27.3 21.9 32.9

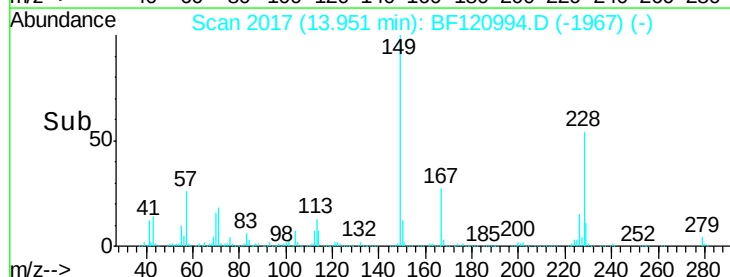
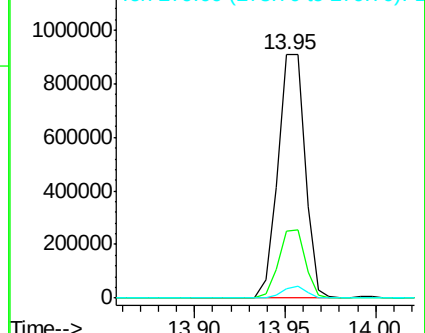
279 3.7 3.0 4.4

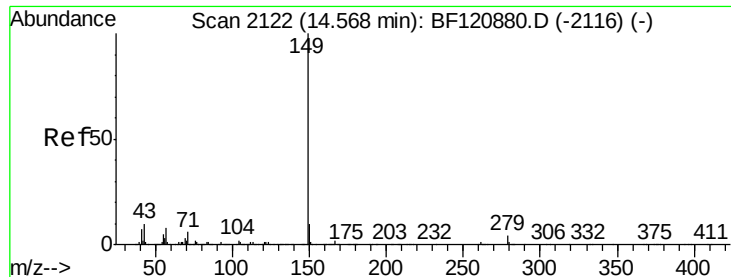


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.994 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

Instrument :

BNA_F

ClientSampleId :

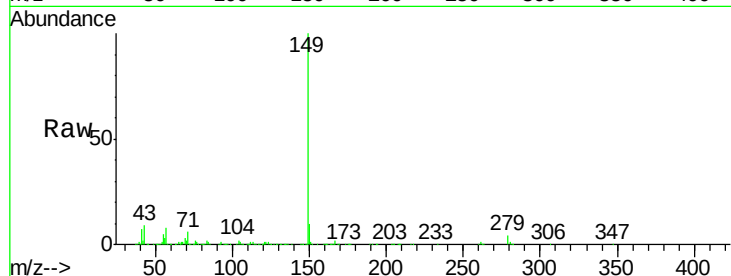
Tot Ion:149 Resp: 1590482

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

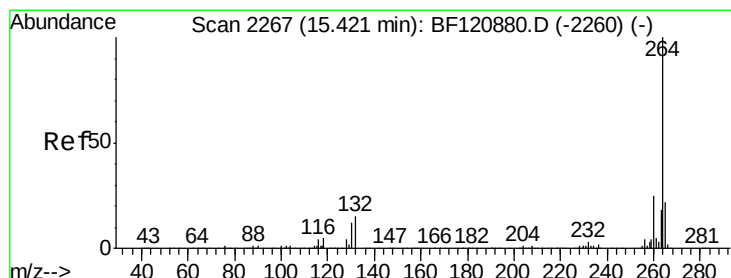
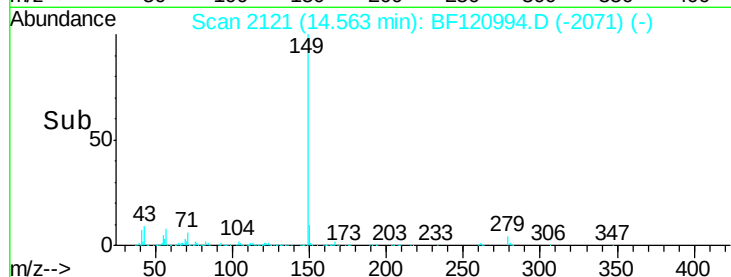
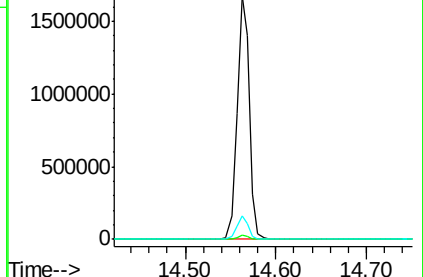
43 9.0 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120994.D

Acq: 23 Jul 2020 21:56

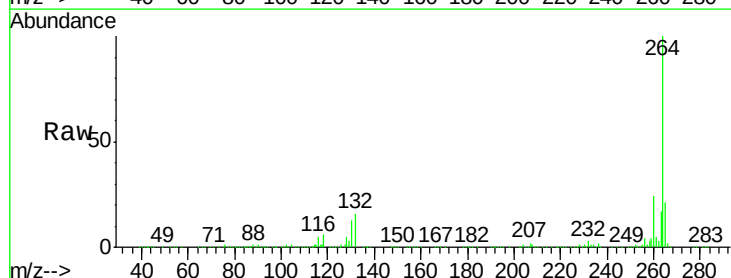
Tgt Ion:264 Resp: 488033

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

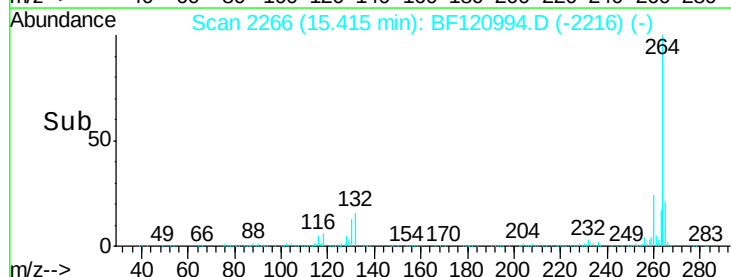
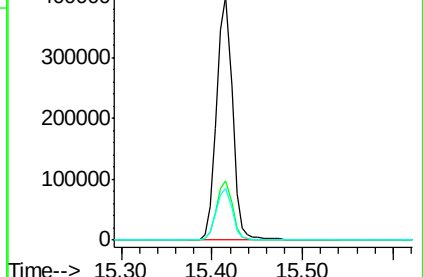
265 21.4 17.4 26.2

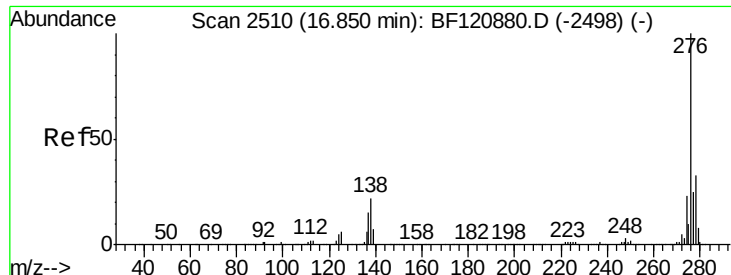


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

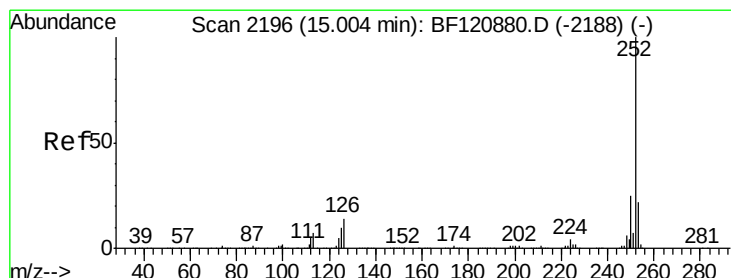
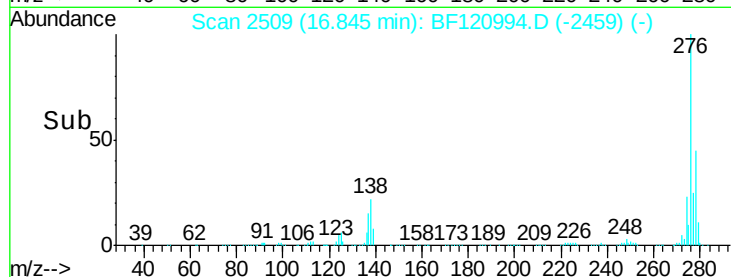
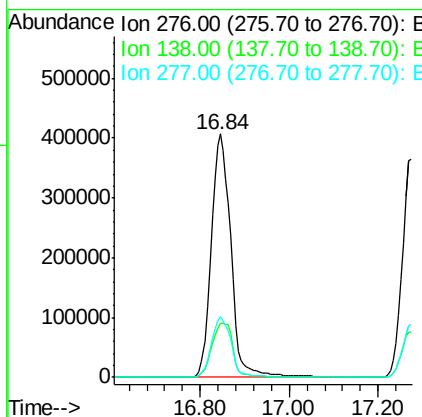
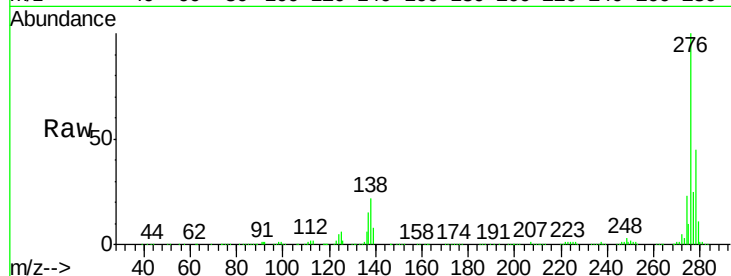




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.088 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

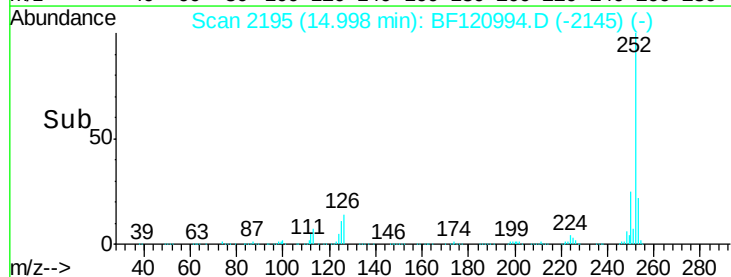
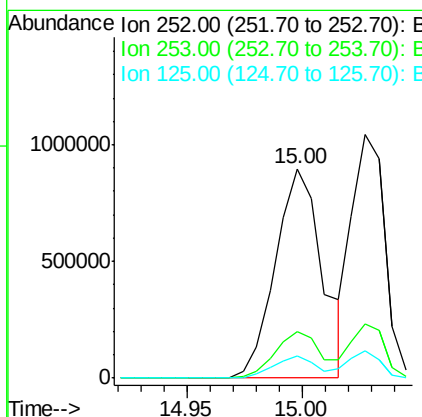
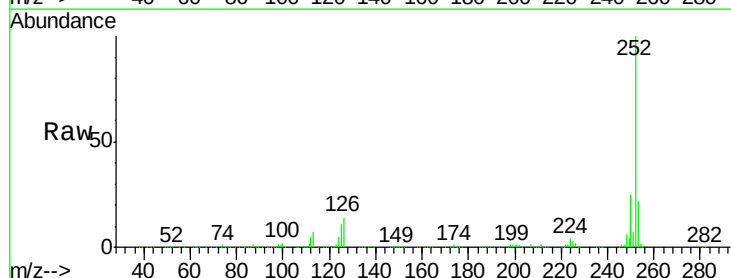
Instrument :
 BNA_F
 ClientSampleID :

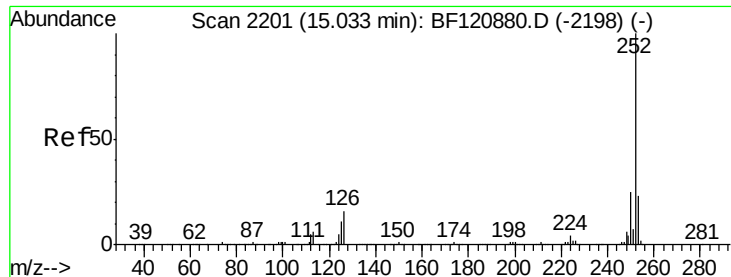
Tot Ion:276 Resp: 1258811
 Ion Ratio Lower Upper
 276 100
 138 24.1 19.8 29.8
 277 25.1 20.2 30.2



#88
 Benzo(b)fluoranthene
 Concen: 42.917 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF120994.D
 Acq: 23 Jul 2020 21:56

Tgt Ion:252 Resp: 1266053
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.0 27.0
 125 10.6 8.3 12.5

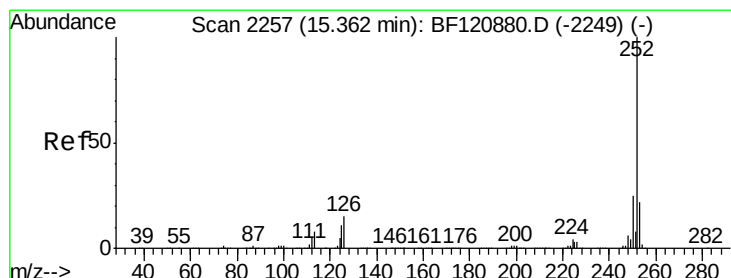
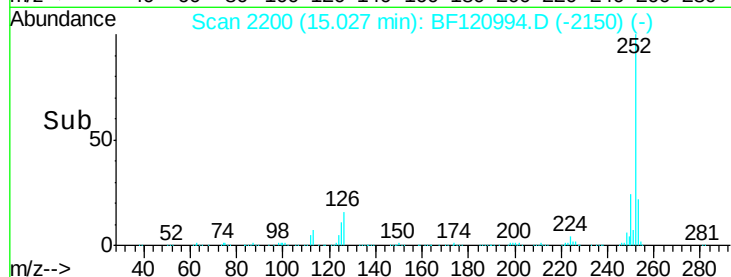
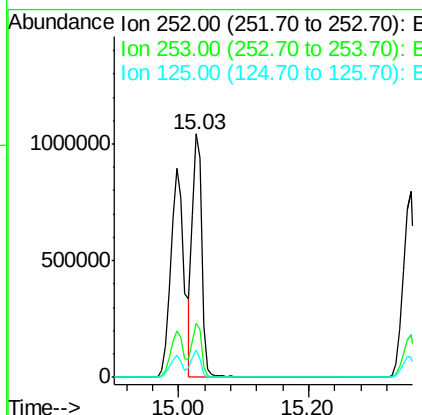
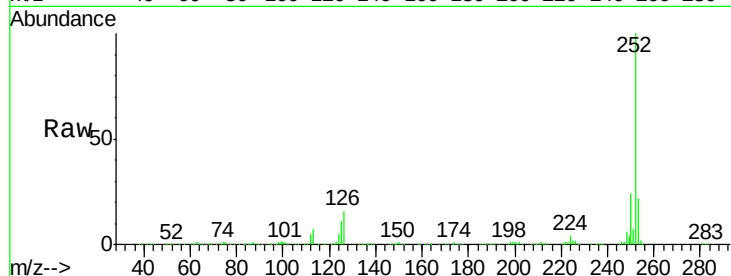




#89
Benzo(k)fluoranthene
Concen: 39.344 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

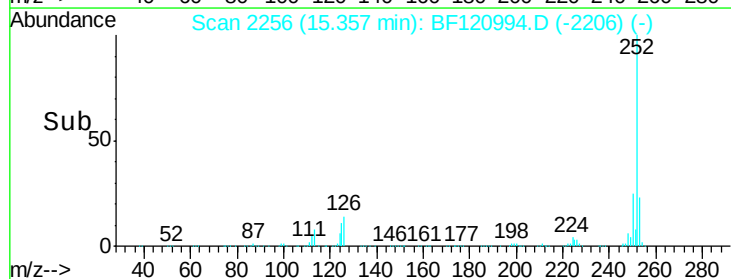
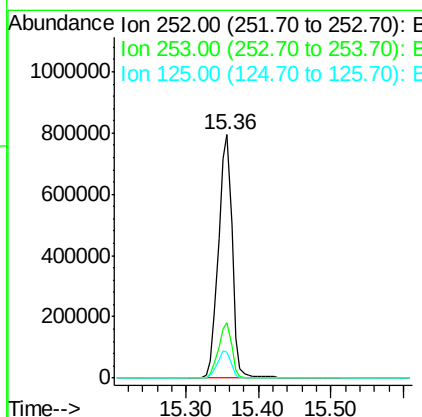
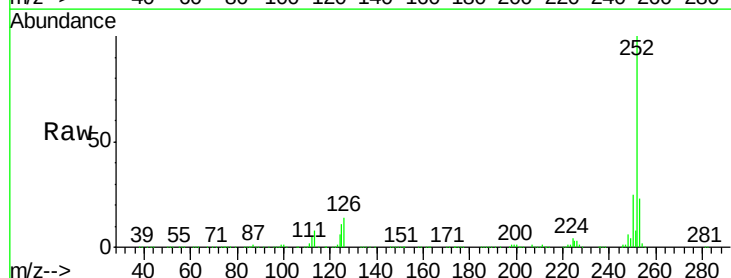
Instrument :
BNA_F
ClientSampled :

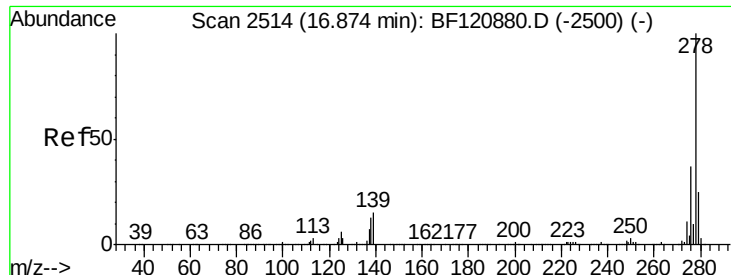
Tot Ion:252 Resp: 1058511
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.2 8.4 12.6



#90
Benzo(a)pyrene
Concen: 39.085 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:252 Resp: 1051966
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 10.8 8.9 13.3



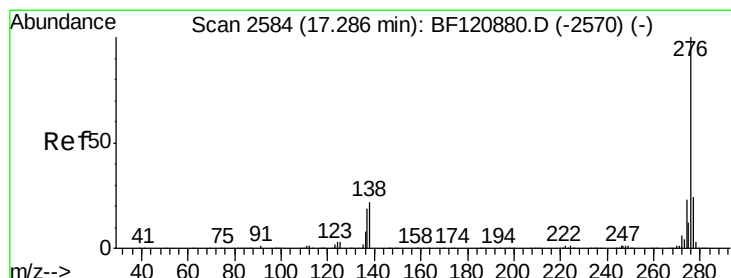
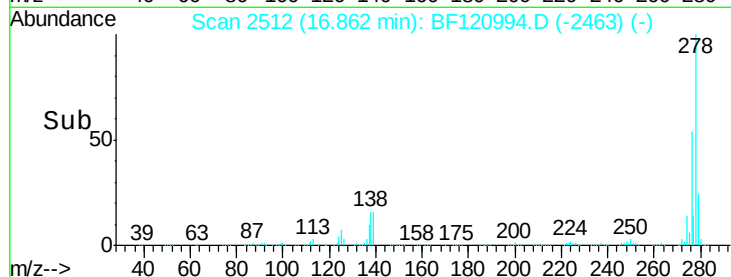
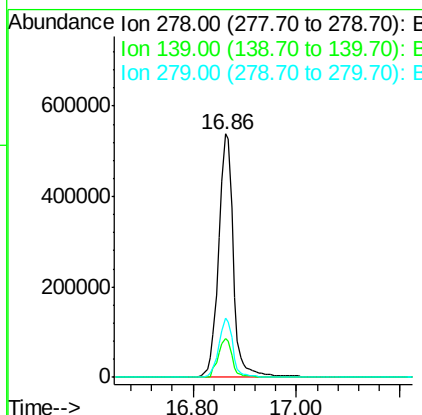
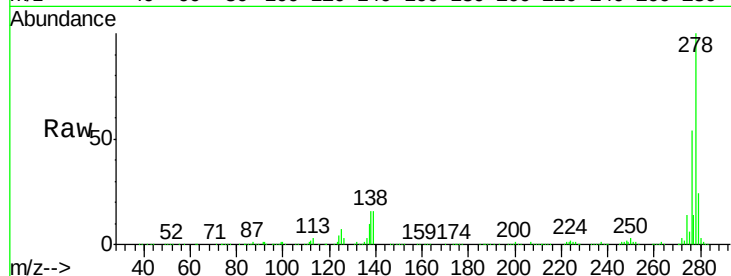


#91
Dibenzo(a,h)anthracene
Concen: 38.355 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1063371

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.3	18.5
279	24.2	20.1	30.1



#92
Benzo(g,h,i)perylene
Concen: 37.389 ng
RT: 17.27 min Scan# 2582
Delta R.T. -0.01 min
Lab File: BF120994.D
Acq: 23 Jul 2020 21:56

Tgt Ion:276 Resp: 1022082

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	20.6	17.5	26.3

