

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120829.D
 Acq On : 10 Jul 2020 14:05
 Operator : JU/CG
 Sample : PB130090BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Quant Time: Jul 10 14:51:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 18:51:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	133100	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	492447	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	233855	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	398152	20.00	ng	0.00
76) Chrysene-d12	14.01	240	277195	20.00	ng	0.00
86) Perylene-d12	15.46	264	240732	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1164547	135.06	ng	0.01
7) Phenol-d6	6.47	99	1396809	126.85	ng	0.00
23) Nitrobenzene-d5	7.41	82	888521	104.54	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	347966	148.11	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1527921	98.85	ng	0.00
79) Terphenyl-d14	12.96	244	1525002	107.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	163806	41.589	ng	98
3) Pyridine	3.39	79	451536	41.853	ng	99
4) n-Nitrosodimethylamine	3.34	42	236200	43.764	ng	96
6) Aniline	6.51	93	535320	37.855	ng	99
8) 2-Chlorophenol	6.63	128	416896	45.414	ng	97
9) Benzaldehyde	6.39	77	132996	20.308	ng	97
10) Phenol	6.49	94	532803	47.037	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	411351	44.628	ng	96
12) 1,3-Dichlorobenzene	6.79	146	451155	44.649	ng	97
13) 1,4-Dichlorobenzene	6.86	146	451709	44.633	ng	98
14) 1,2-Dichlorobenzene	7.02	146	424345	44.071	ng	99
15) Benzyl Alcohol	6.99	79	344489	41.639	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	599363	41.689	ng	99
17) 2-Methylphenol	7.10	107	331841	40.407	ng	98
18) Hexachloroethane	7.36	117	174459	45.864	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	282859	42.664	ng	97
20) 3+4-Methylphenols	7.25	107	406840	40.223	ng	# 88
22) Acetophenone	7.26	105	547643	44.741	ng	# 96
24) Nitrobenzene	7.43	77	444544	46.581	ng	99
25) Isophorone	7.67	82	770759	42.049	ng	99
26) 2-Nitrophenol	7.75	139	192500	47.982	ng	94
27) 2,4-Dimethylphenol	7.78	122	342745	46.841	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	491547	45.310	ng	99
29) 2,4-Dichlorophenol	7.99	162	323594	44.299	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	371860	45.323	ng	99
31) Naphthalene	8.15	128	1175814	44.678	ng	100
32) Benzoic acid	7.89	122	206341	40.596	ng	99
33) 4-Chloroaniline	8.20	127	290898	26.048	ng	98
34) Hexachlorobutadiene	8.27	225	221781	44.945	ng	99
35) Caprolactam	8.56	113	57370	26.953	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	334927	44.078	ng	97
37) 2-Methylnaphthalene	8.85	142	769779	44.995	ng	99
38) 1-Methylnaphthalene	8.95	142	723898	45.172	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	330044	46.698	ng	99

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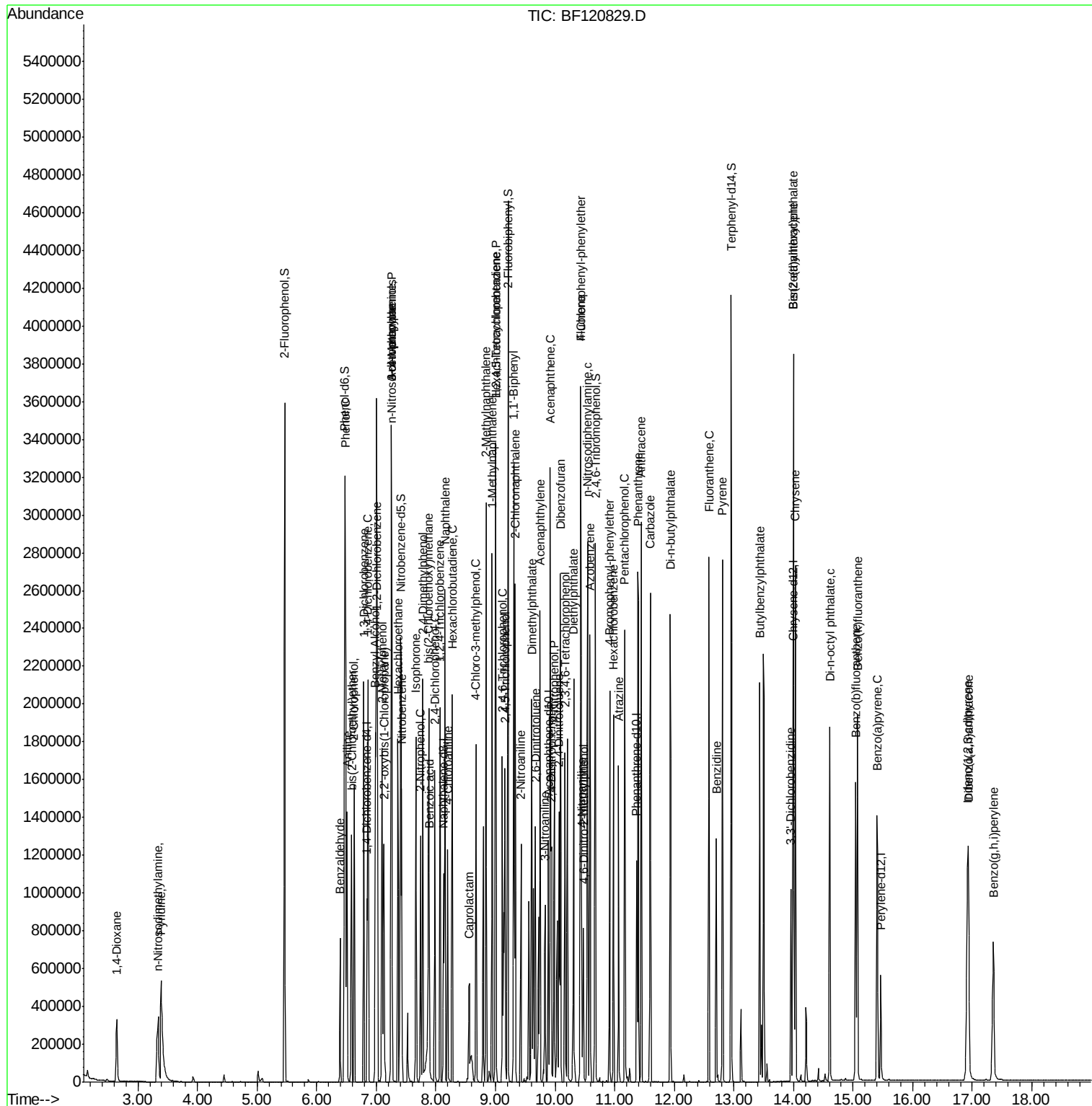
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	421972	101.051	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	221828	46.061	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	237390	44.416	nq	99
46) 1,1'-Biphenyl	9.31	154	888106	47.081	nq	99
47) 2-Chloronaphthalene	9.33	162	702700	46.499	nq	99
48) 2-Nitroaniline	9.43	65	211374	46.783	nq	94
49) Acenaphthylene	9.75	152	1065166	44.957	nq	99
50) Dimethylphthalate	9.61	163	768978	45.077	nq	99
51) 2,6-Dinitrotoluene	9.67	165	161502	47.653	nq	86
52) Acenaphthene	9.92	154	721652	49.098	nq	99
53) 3-Nitroaniline	9.83	138	120034	29.729	nq	99
54) 2,4-Dinitrophenol	9.94	184	124873	91.997	nq	96
55) Dibenzofuran	10.09	168	958454	45.238	nq	99
56) 4-Nitrophenol	9.99	139	282157	89.922	nq	92
57) 2,4-Dinitrotoluene	10.07	165	210298	49.681	nq	89
58) Fluorene	10.43	166	720259	45.672	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	183531	46.145	nq	99
60) Diethylphthalate	10.31	149	770520	43.359	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	354481	44.714	nq	96
62) 4-Nitroaniline	10.45	138	169335	46.719	nq	94
63) Azobenzene	10.59	77	794774	43.720	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	81545	48.601	nq	86
66) n-Nitrosodiphenylamine	10.55	169	637004	47.733	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	208734	45.194	nq	98
68) Hexachlorobenzene	10.98	284	235834	48.661	nq	93
69) Atrazine	11.07	200	175731	51.114	nq	98
70) Pentachlorophenol	11.17	266	270376	98.604	nq	98
71) Phenanthrene	11.40	178	1005533	46.545	nq	99
72) Anthracene	11.45	178	1034384	47.383	nq	100
73) Carbazole	11.60	167	926946	44.186	nq	99
74) Di-n-butylphthalate	11.93	149	1149035	44.241	nq	100
75) Fluoranthene	12.58	202	1025156	44.546	nq	100
77) Benzidine	12.70	184	446755	57.100	nq	99
78) Pyrene	12.81	202	1042670	47.098	nq	99
80) Butylbenzylphthalate	13.43	149	415553	43.477	nq	97
81) Benzo(a)anthracene	14.00	228	825580	46.463	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	198256	33.063	nq	# 97
83) Chrysene	14.03	228	833635	45.995	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	559076	44.606	nq	100
85) Di-n-octyl phthalate	14.61	149	920257	41.503	nq	100
87) Indeno(1,2,3-cd)pyrene	16.92	276	789787	51.149	nq	99
88) Benzo(b)fluoranthene	15.04	252	728346	46.021	nq	99
89) Benzo(k)fluoranthene	15.07	252	748109	48.579	nq	100
90) Benzo(a)pyrene	15.40	252	659037	46.681	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	676146	52.539	nq	99
92) Benzo(g,h,i)perylene	17.36	276	616063	52.378	nq	98

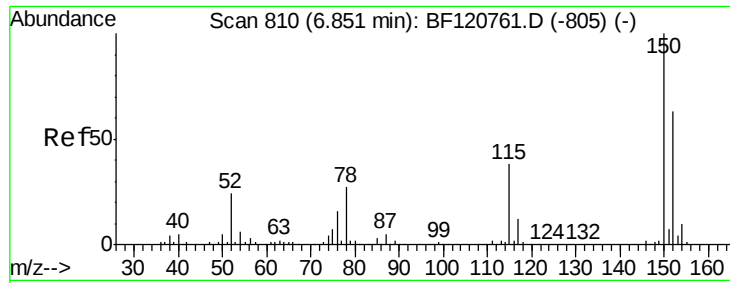
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

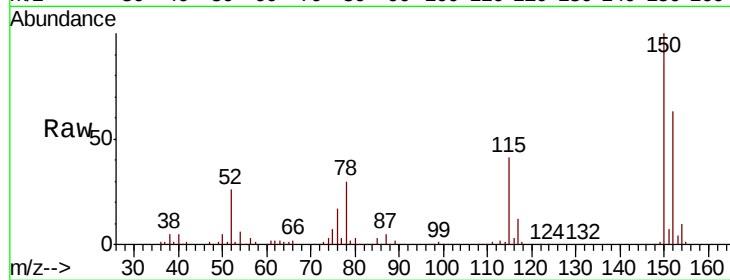
Tot Ion:152 Resp: 133100

Ion Ratio Lower Upper

152 100

150 158.9 126.1 189.1

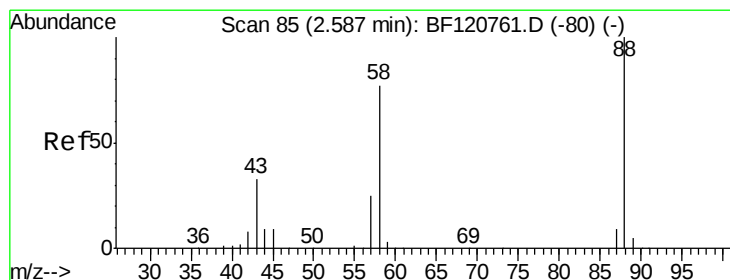
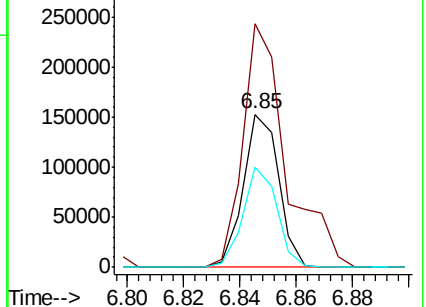
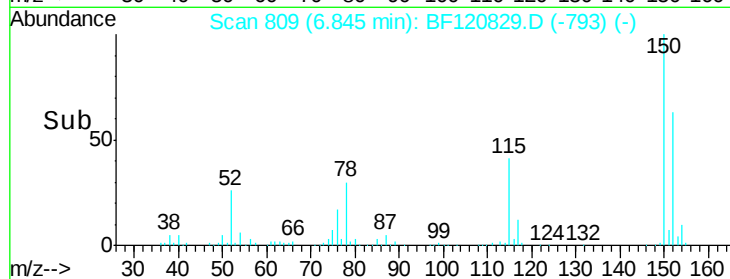
115 65.6 48.5 72.7



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: 41.589 ng

RT: 2.65 min Scan# 95

Delta R.T. 0.06 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

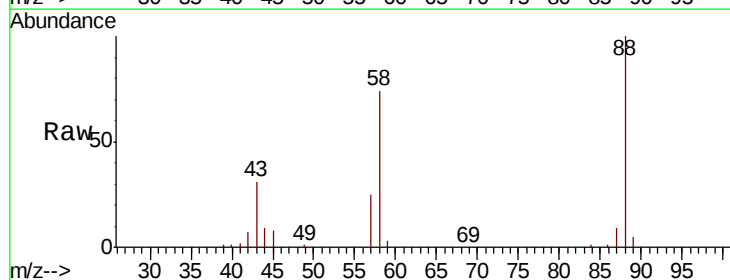
Tgt Ion: 88 Resp: 163806

Ion Ratio Lower Upper

88 100

58 76.6 60.4 90.6

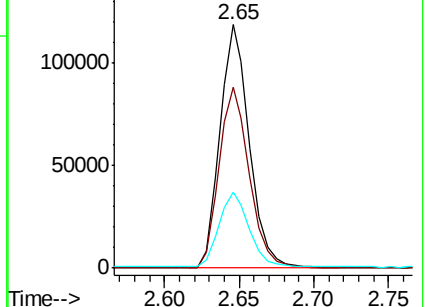
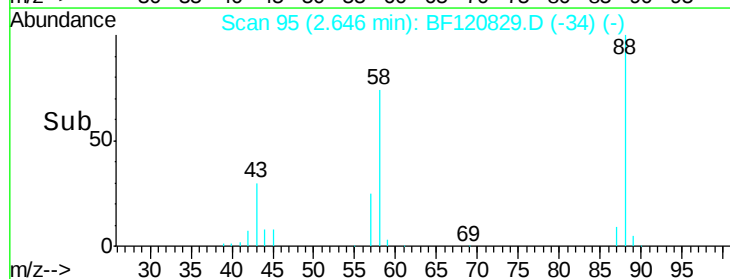
43 31.6 26.3 39.5

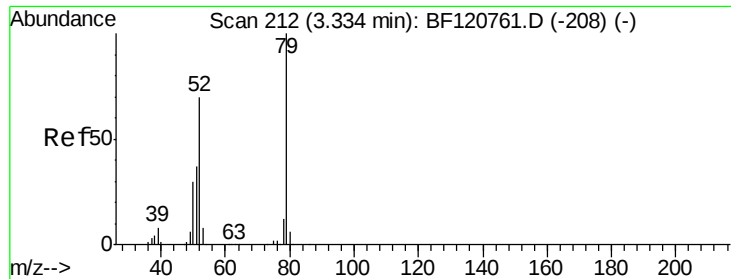


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.853 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.05 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

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PB130090BS

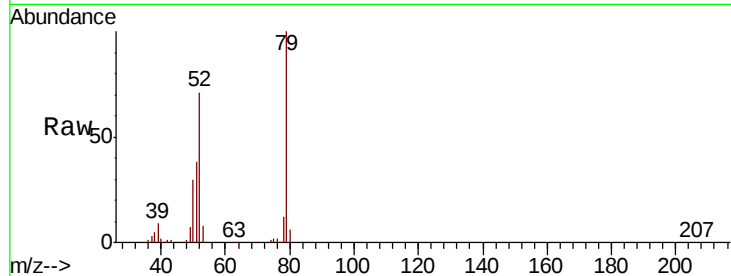
Tot Ion: 79 Resp: 451536

Ion Ratio Lower Upper

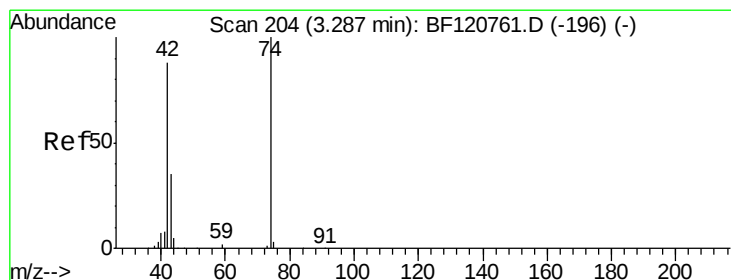
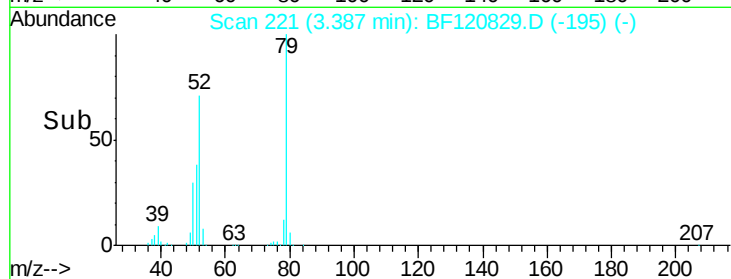
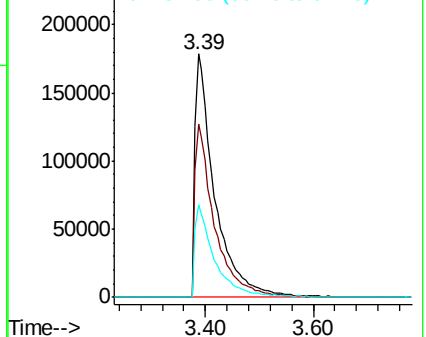
79 100

52 71.3 56.3 84.5

51 38.1 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.764 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

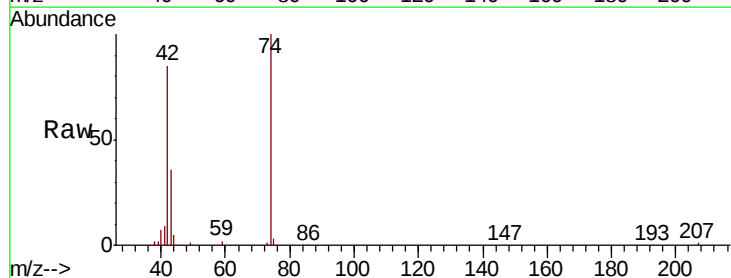
Tgt Ion: 42 Resp: 236200

Ion Ratio Lower Upper

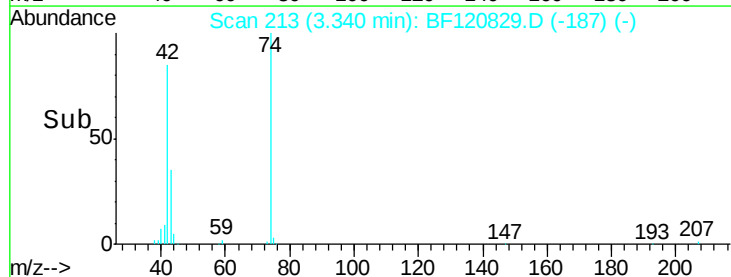
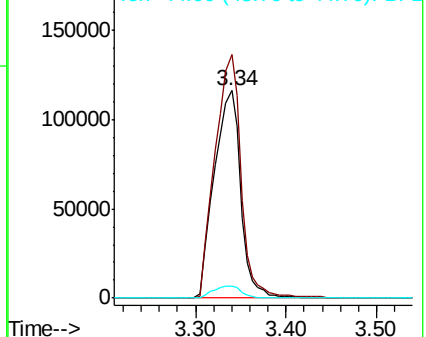
42 100

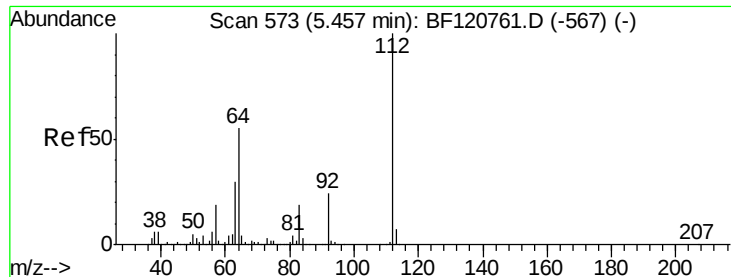
74 117.4 90.8 136.2

44 5.9 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 135.060 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

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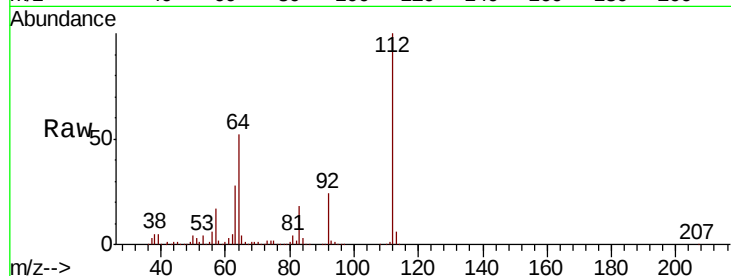
Tot Ion:112 Resp: 1164547

Ion Ratio Lower Upper

112 100

64 51.8 43.8 65.6

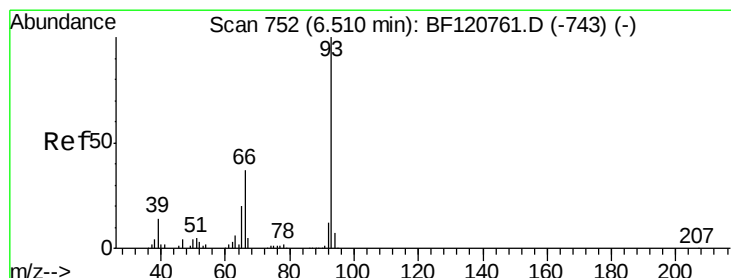
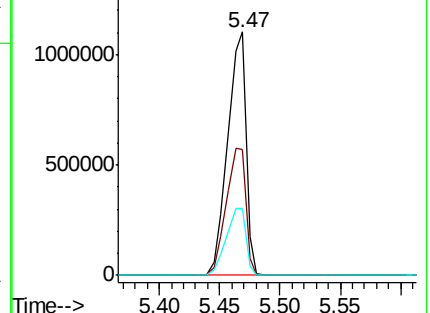
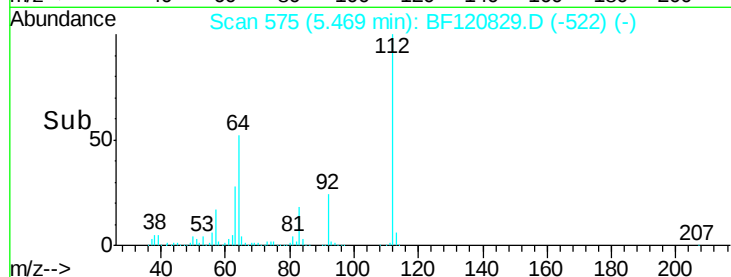
63 27.8 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.855 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120829.D

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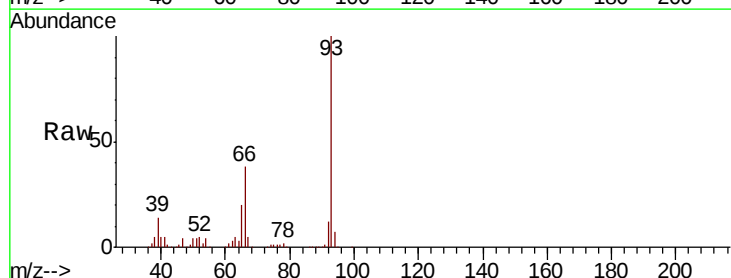
Tgt Ion: 93 Resp: 535320

Ion Ratio Lower Upper

93 100

66 38.4 31.3 46.9

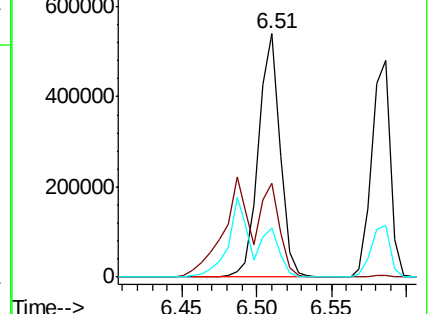
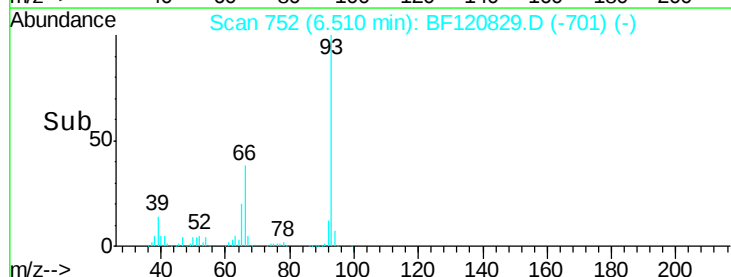
65 20.3 16.5 24.7



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: 126.854 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

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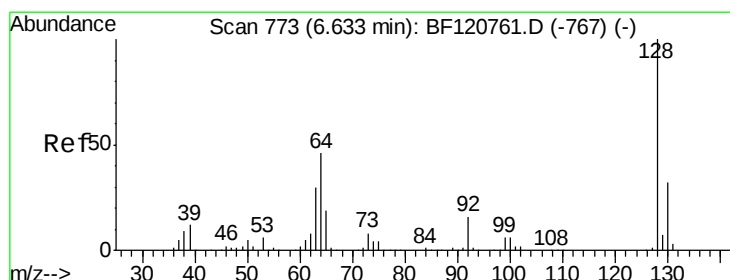
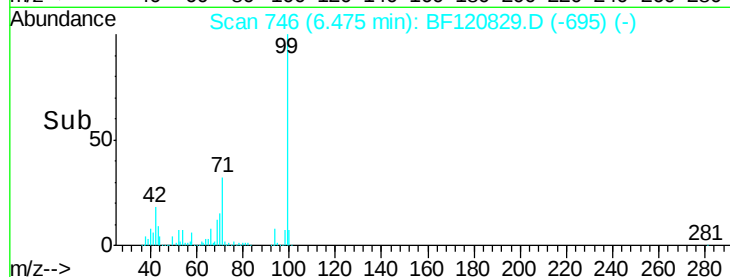
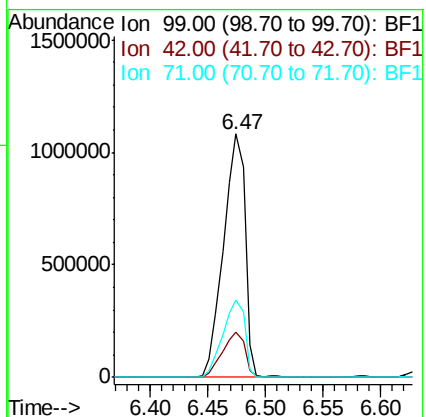
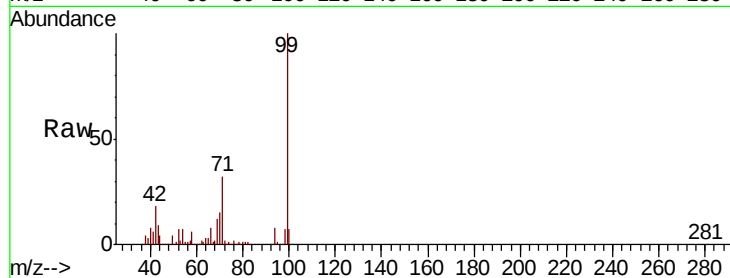
Tot Ion: 99 Resp: 1396809

Ion Ratio Lower Upper

99 100

42 18.5 15.4 23.0

71 31.9 25.9 38.9



#8

2-Chlorophenol

Concen: 45.414 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

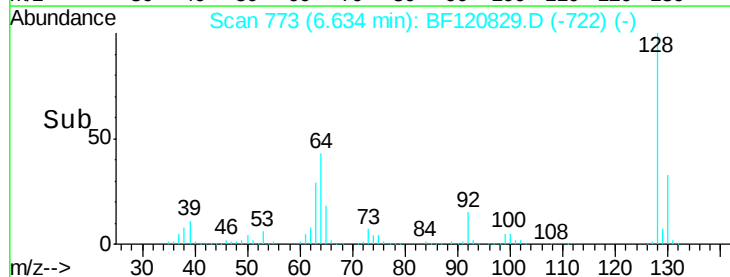
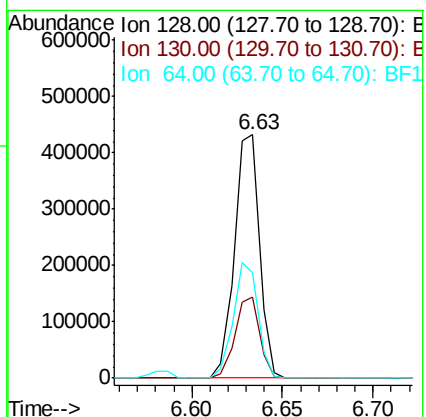
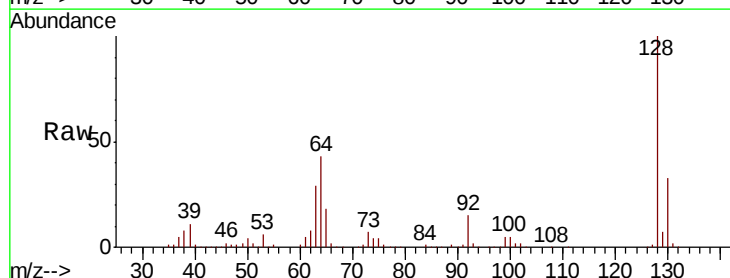
Tgt Ion:128 Resp: 416896

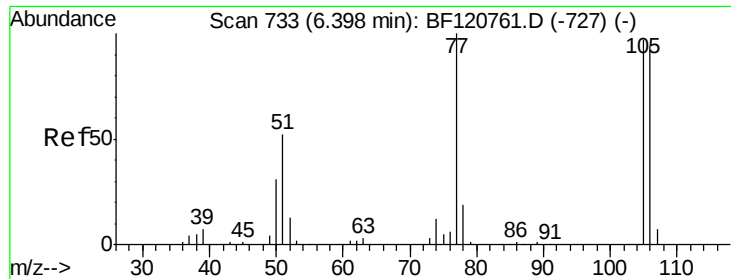
Ion Ratio Lower Upper

128 100

130 33.1 12.1 52.1

64 43.4 26.3 66.3





#9

Benzaldehyde

Concen: 20.308 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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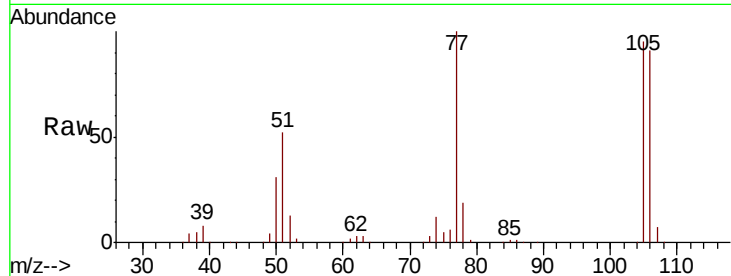
Tot Ion: 77 Resp: 132996

Ion Ratio Lower Upper

77 100

105 94.9 76.8 116.8

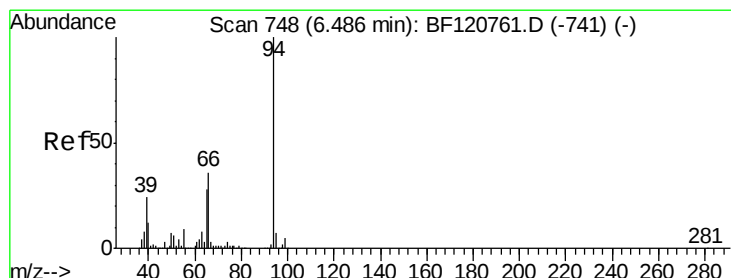
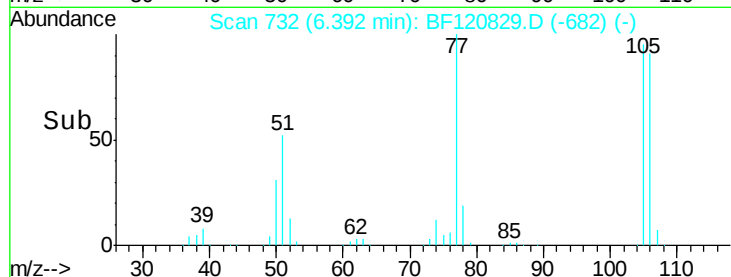
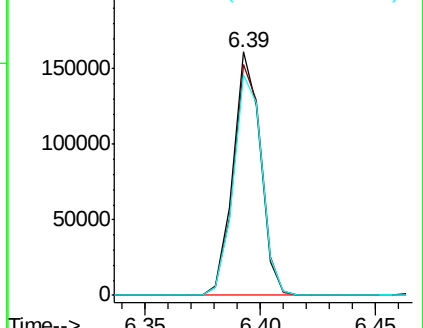
106 90.8 73.8 113.8



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: 47.037 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

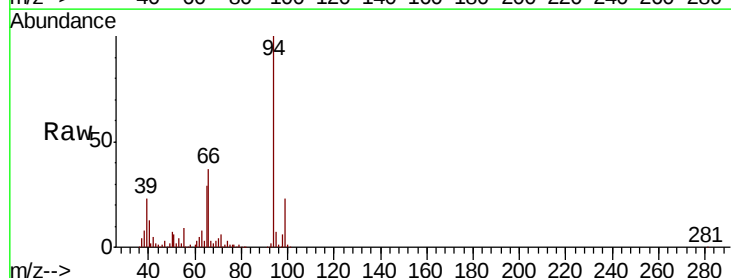
Tgt Ion: 94 Resp: 532803

Ion Ratio Lower Upper

94 100

65 28.9 8.4 48.4

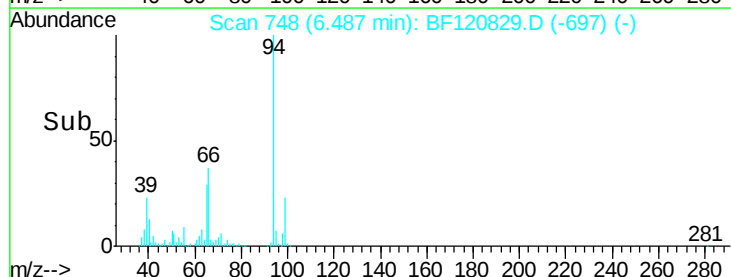
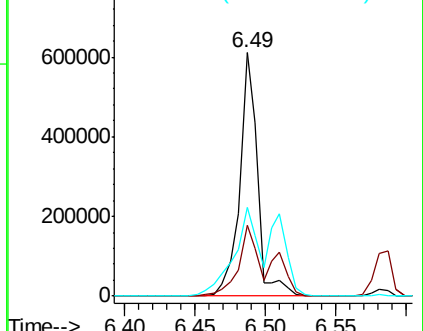
66 36.6 16.5 56.5

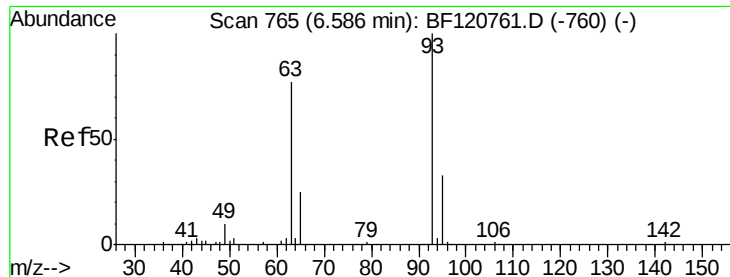


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



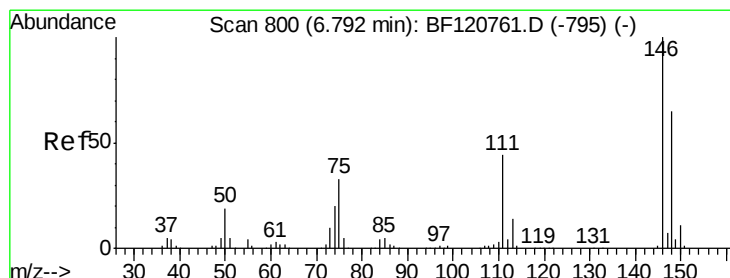
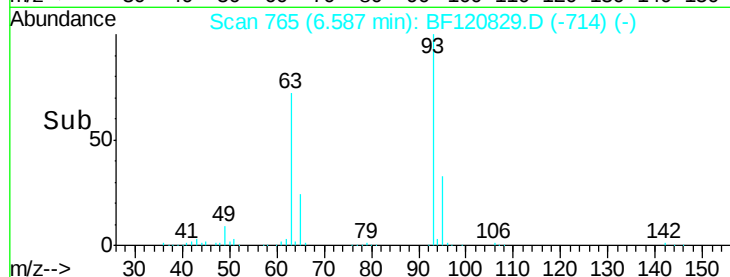
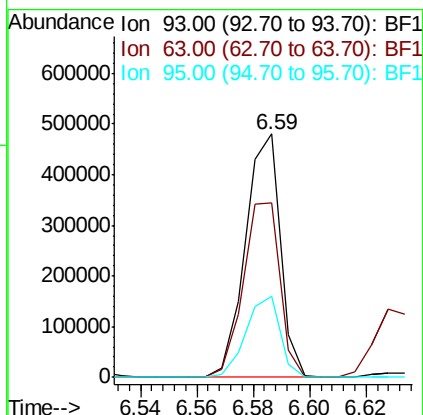
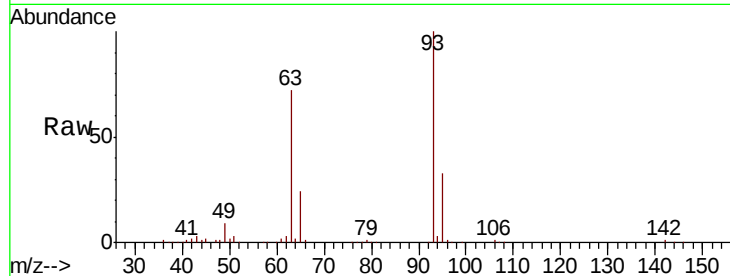


#11

bis(2-Chloroethyl)ether
Concen: 44.628 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

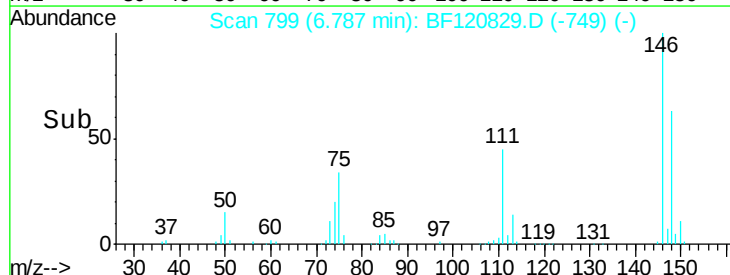
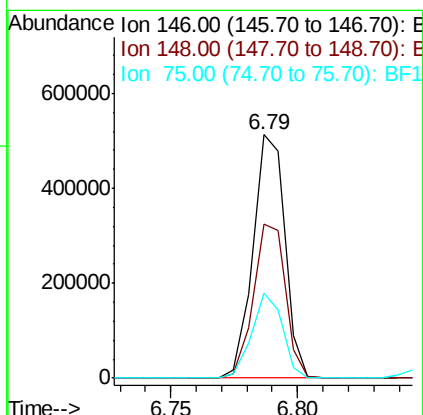
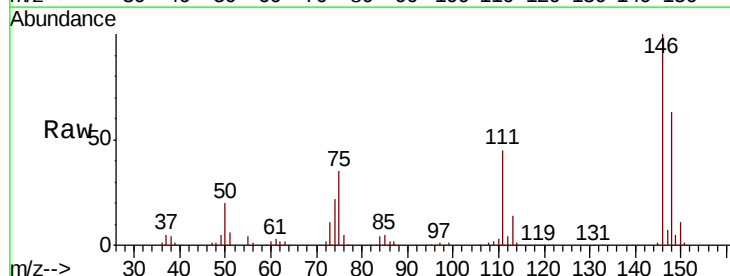
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	56.9	96.9
95	33.1	13.3	53.3

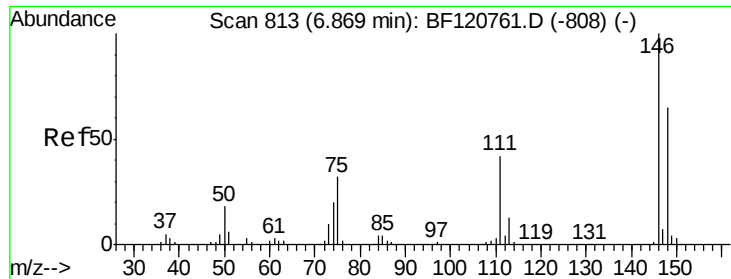


#12

1,3-Dichlorobenzene
Concen: 44.649 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	34.9	26.0	39.0

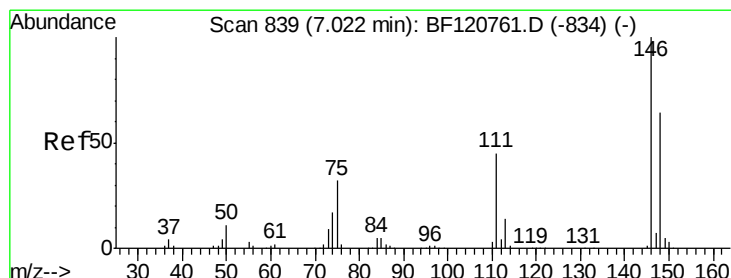
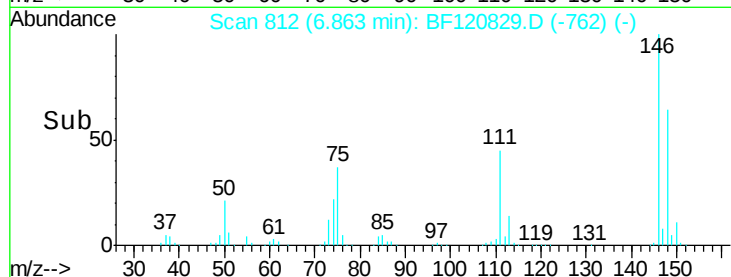
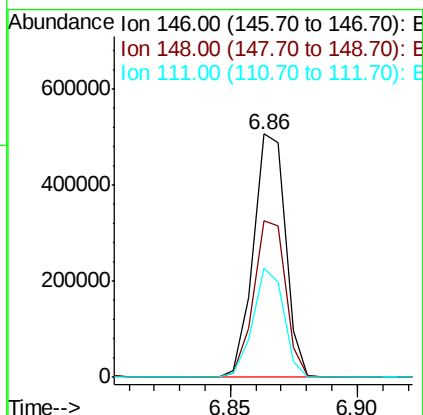
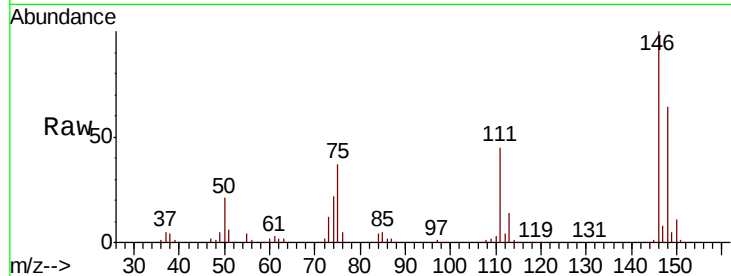




#13
 1,4-Dichlorobenzene
 Concen: 44.633 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

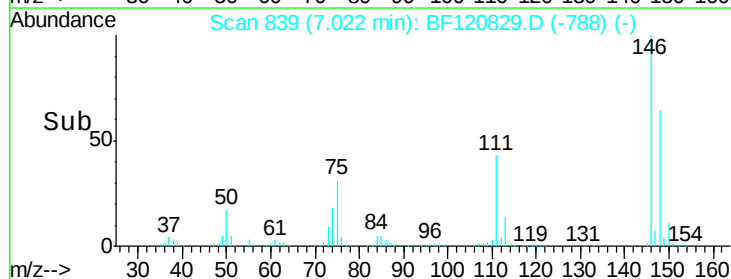
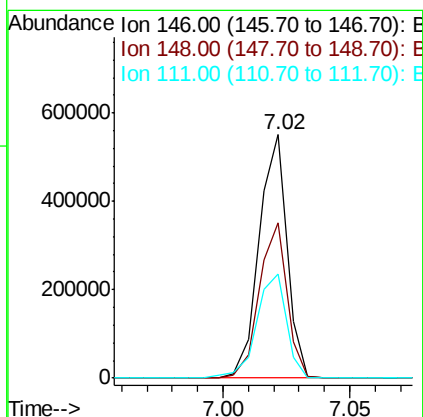
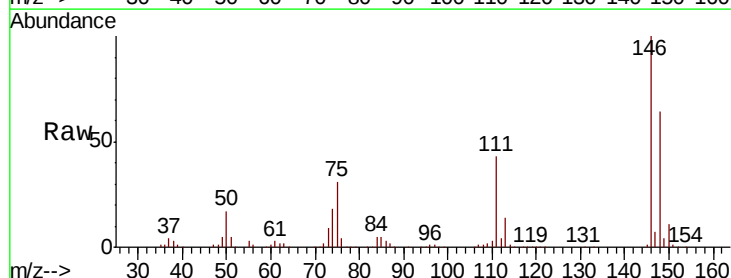
Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

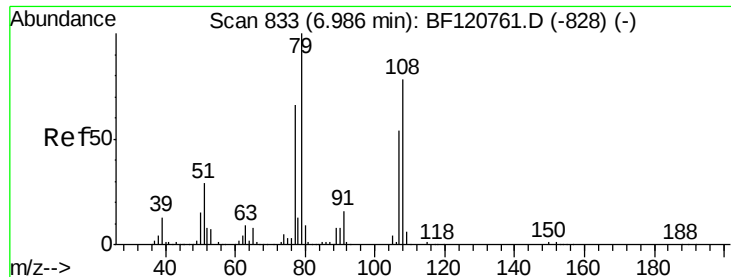
Tot Ion:146 Resp: 451709
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.8 77.6
 111 45.1 33.7 50.5



#14
 1,2-Dichlorobenzene
 Concen: 44.071 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:146 Resp: 424345
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.4
 111 43.0 35.7 53.5





#15

Benzyl Alcohol

Concen: 41.639 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

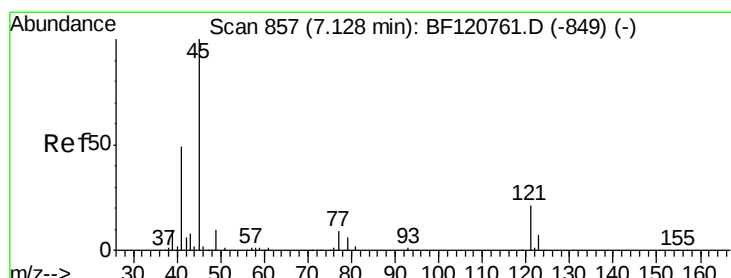
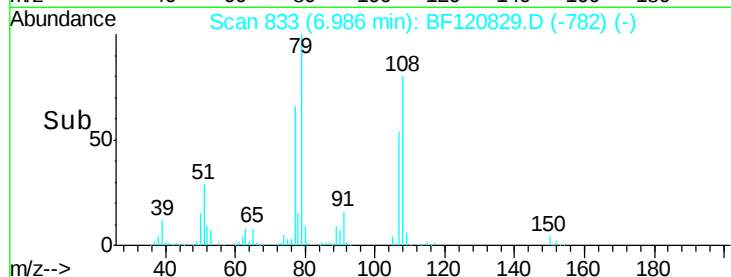
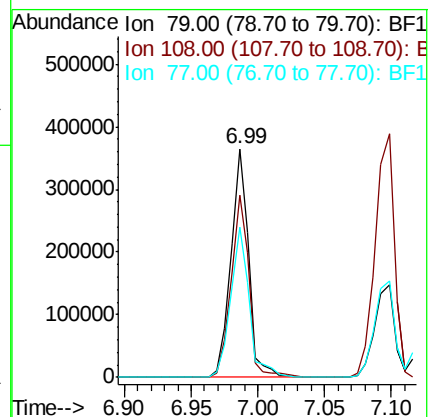
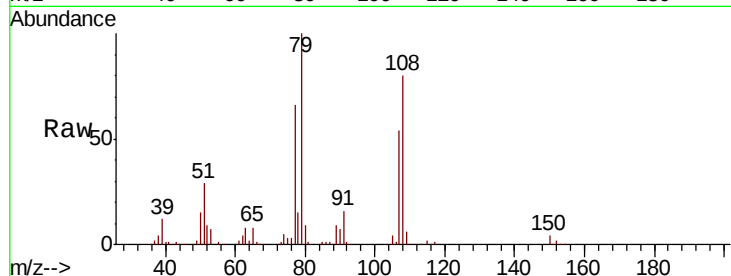
Tot Ion: 79 Resp: 344489

Ion Ratio Lower Upper

79 100

108 80.0 62.4 93.6

77 65.9 52.7 79.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.689 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

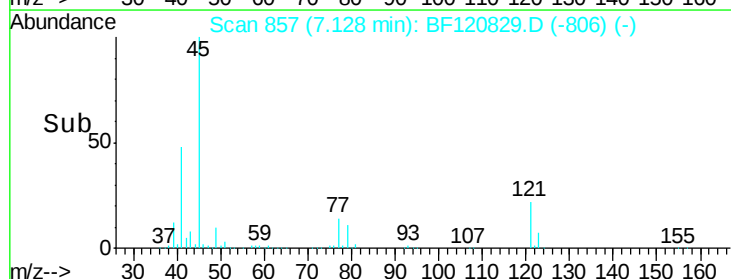
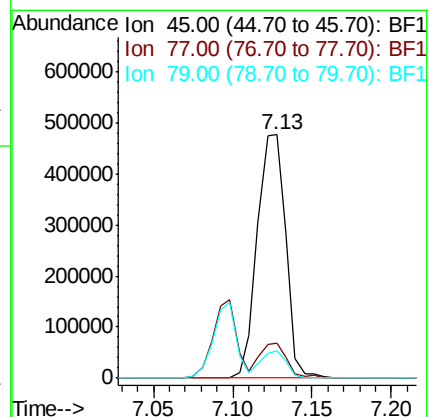
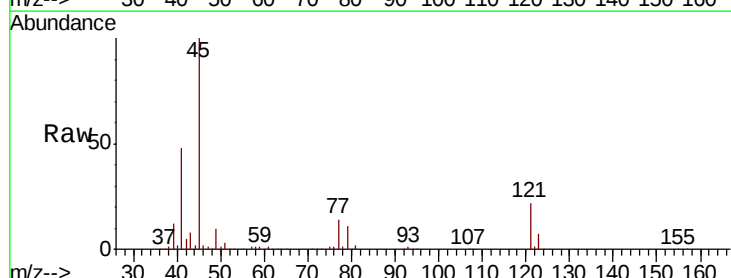
Tgt Ion: 45 Resp: 599363

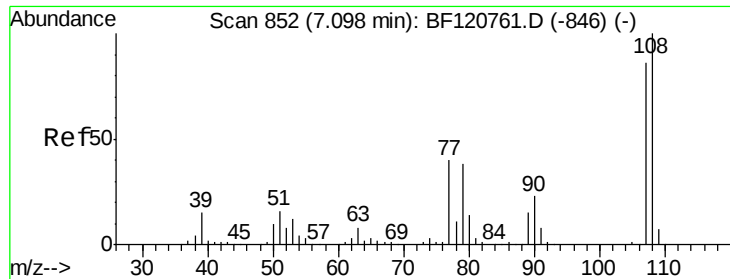
Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.7

79 11.0 0.0 30.5

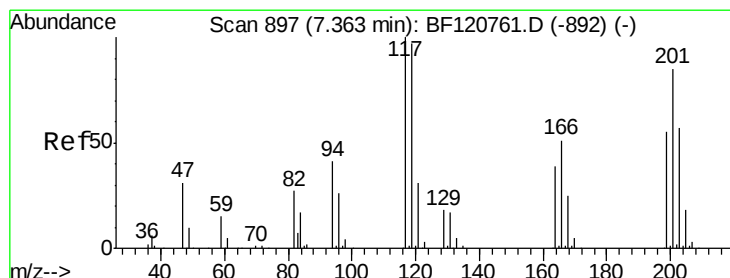
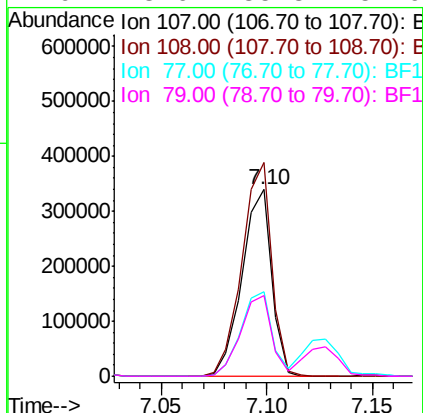
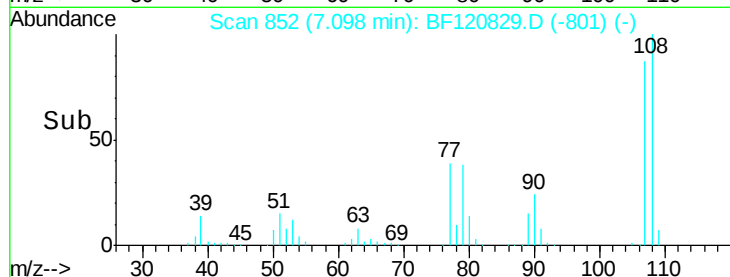
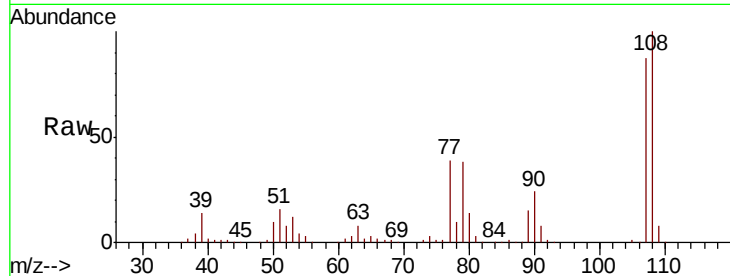




#17
2-Methylphenol
Concen: 40.407 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

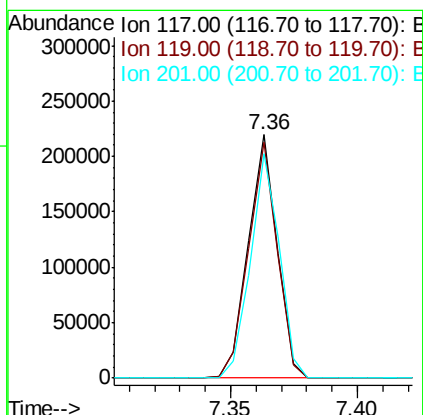
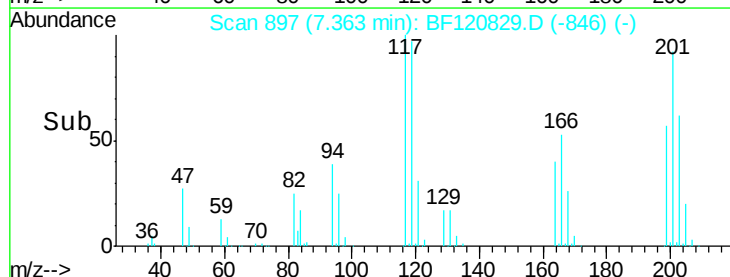
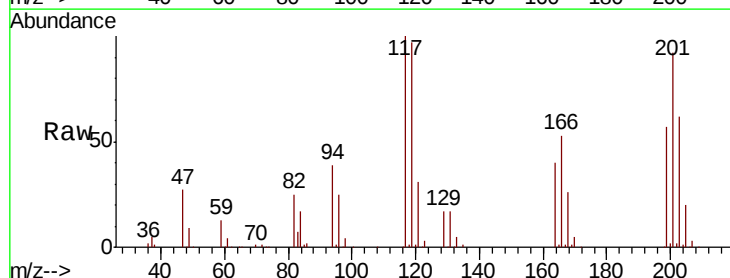
Instrument :
BNA_F
ClientSampleId :
PB130090BS

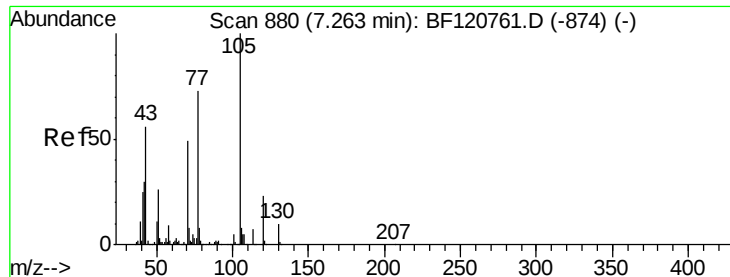
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.1	139.7
77	45.1	37.3	55.9
79	43.6	35.3	52.9



#18
Hexachloroethane
Concen: 45.864 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.9	116.9
201	92.1	68.3	102.5

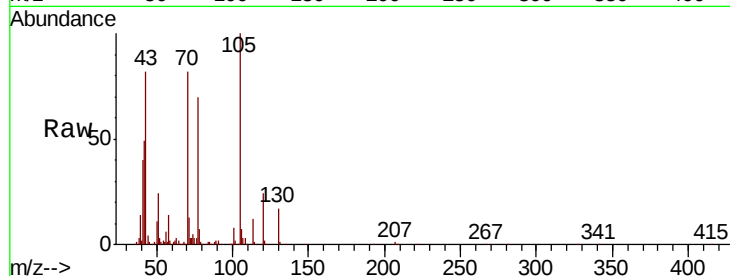




#19
n-Nitroso-di-n-propylamine
Concen: 42.664 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.6	50.3	75.5
101	9.4	7.5	11.3
130	20.8	16.1	24.1



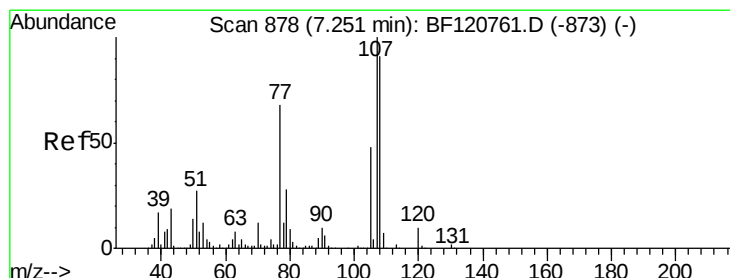
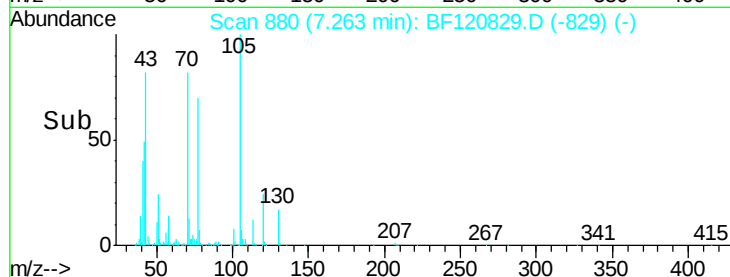
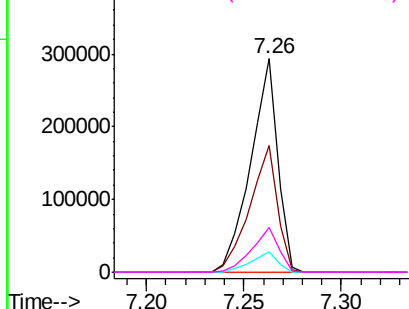
Abundance

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: 40.223 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	70.9	110.9
77	92.2	48.3	88.3
79	29.2	7.8	47.8

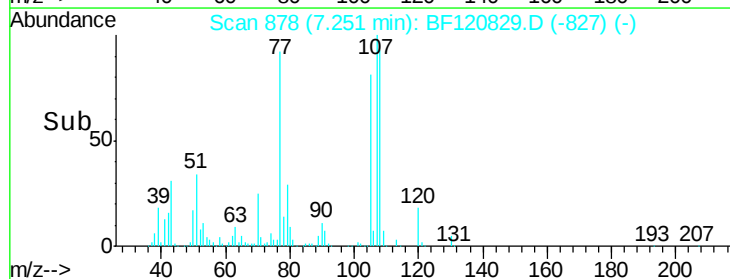
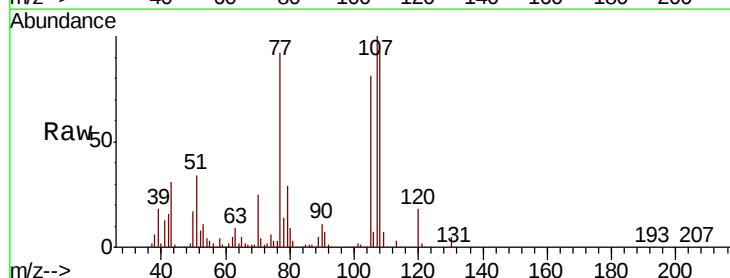
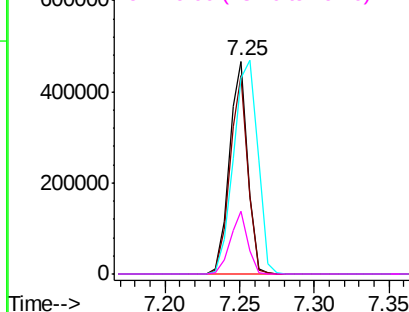
Abundance

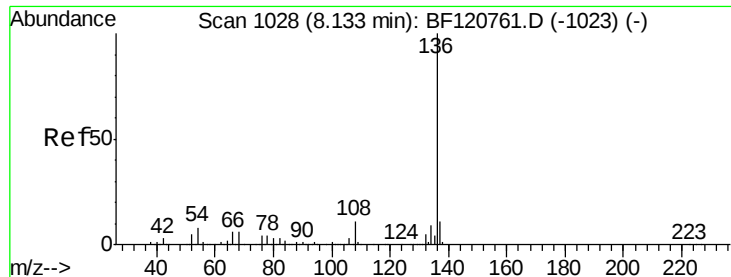
Ion 107.00 (106.70 to 107.70): BF1

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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

Tot Ion:136 Resp: 492447

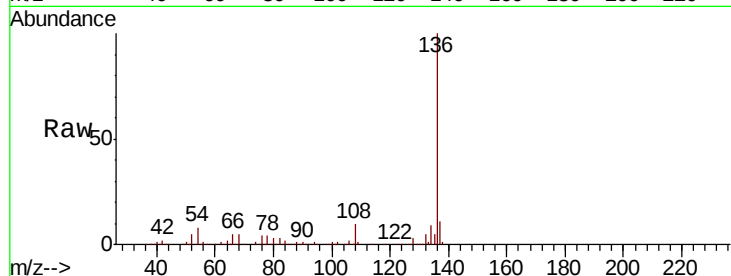
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 7.6 6.2 9.4

68 5.3 4.7 7.1

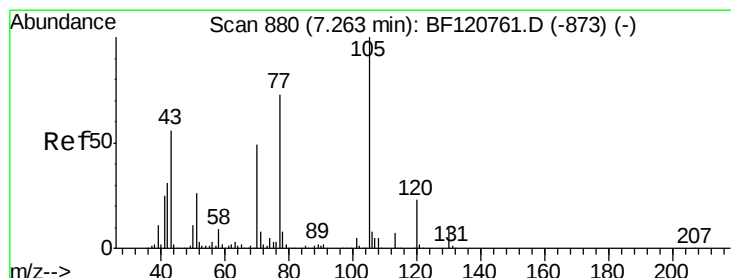
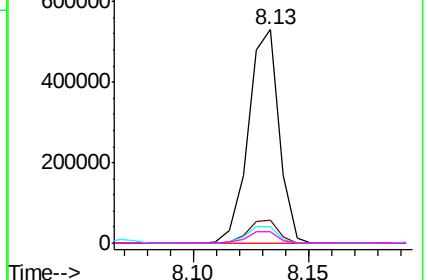
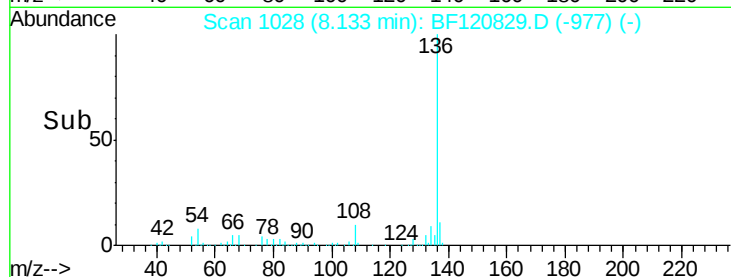


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.741 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:105 Resp: 547643

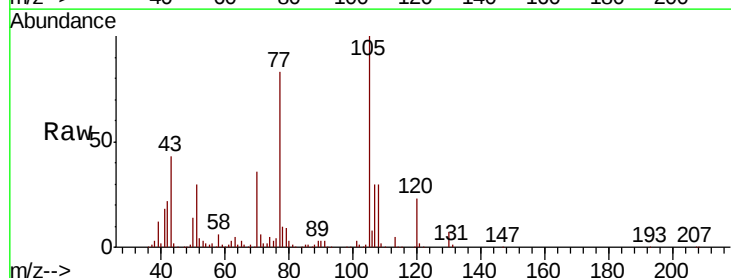
Ion Ratio Lower Upper

105 100

71 6.0 6.5 9.7#

51 29.8 21.0 31.4

120 22.8 18.6 28.0

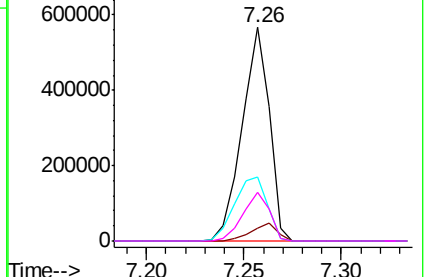
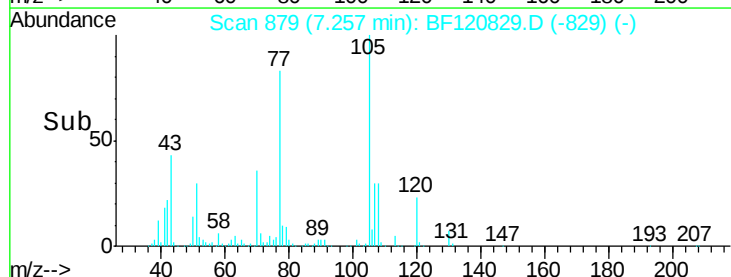


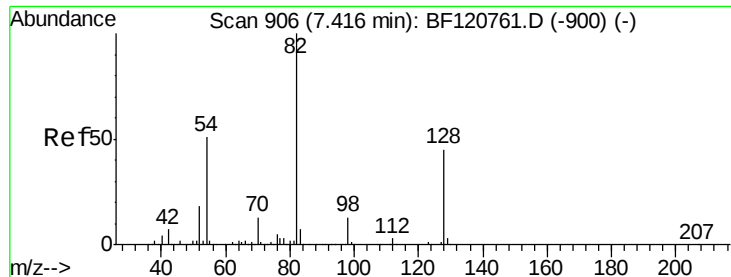
Abundance Ion 105.00 (104.70 to 105.70): E

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: 104.537 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

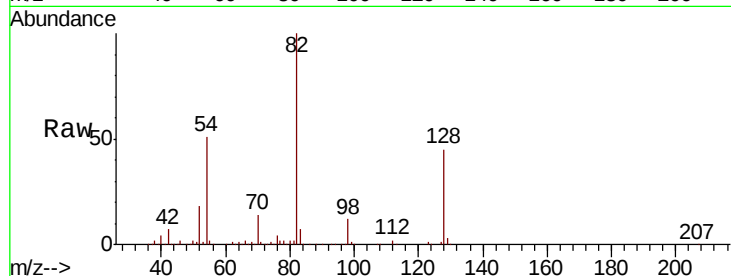
Tot Ion: 82 Resp: 888521

Ion Ratio Lower Upper

82 100

128 45.2 35.7 53.5

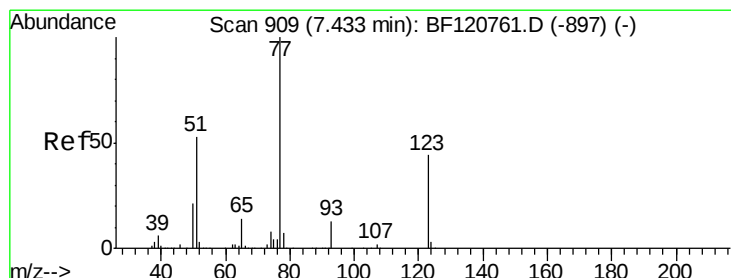
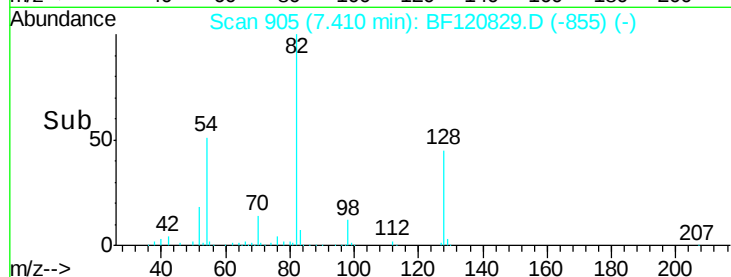
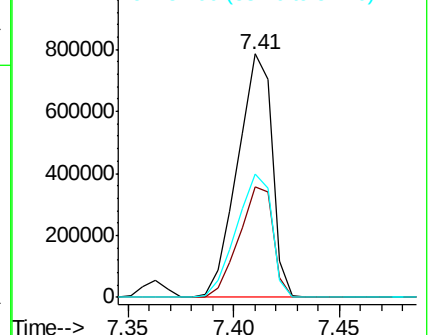
54 50.9 40.9 61.3



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: 46.581 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

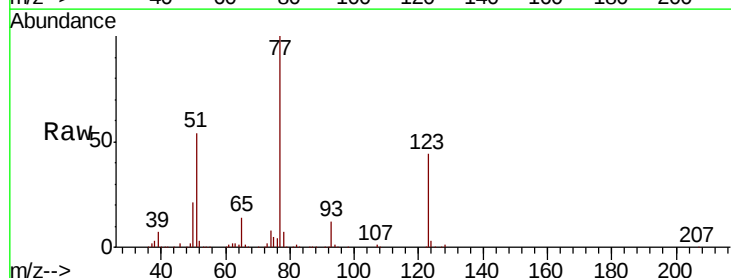
Tgt Ion: 77 Resp: 444544

Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

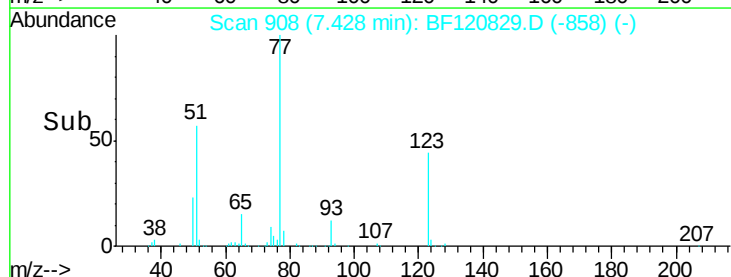
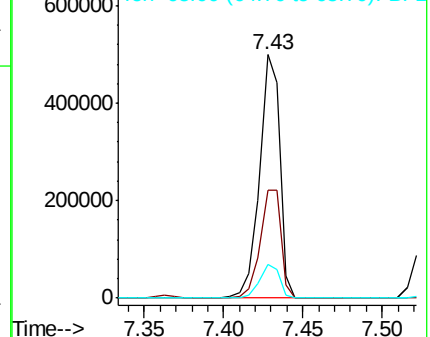
65 14.0 11.0 16.4

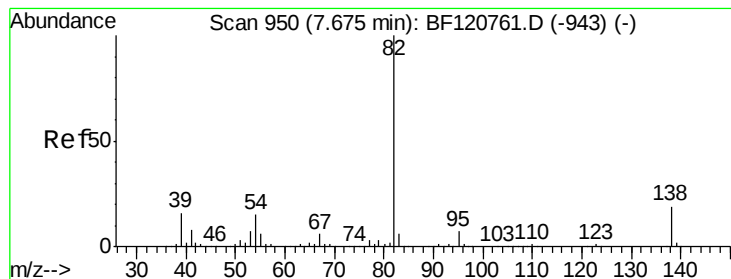


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.049 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

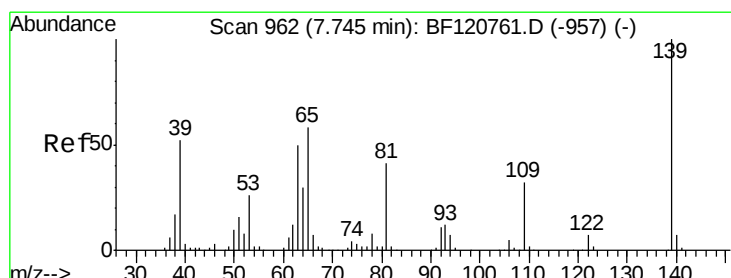
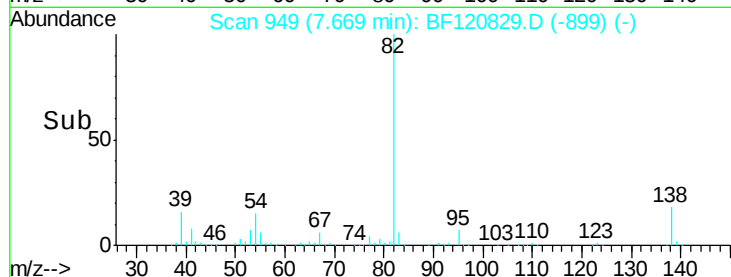
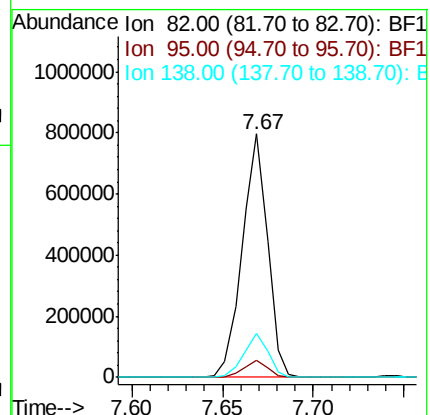
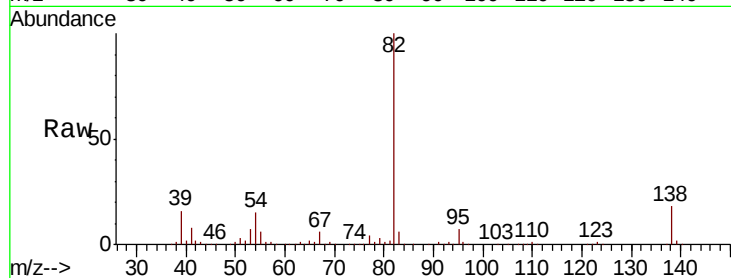
Tot Ion: 82 Resp: 770759

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.9 15.0 22.4



#26

2-Nitrophenol

Concen: 47.982 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

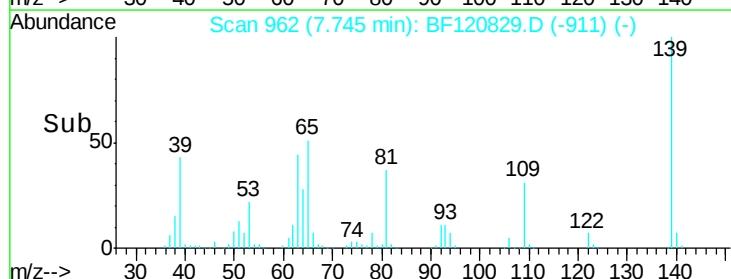
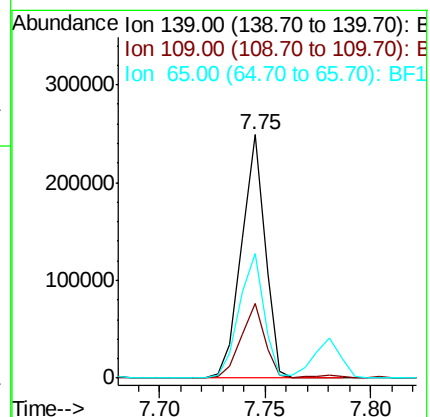
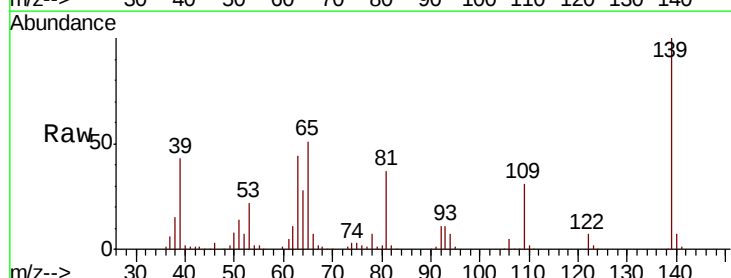
Tgt Ion: 139 Resp: 192500

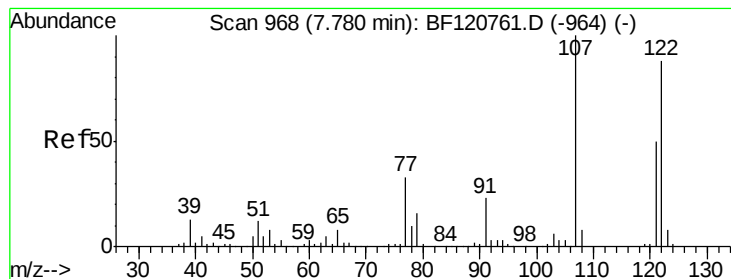
Ion Ratio Lower Upper

139 100

109 30.5 25.3 37.9

65 51.3 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 46.841 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

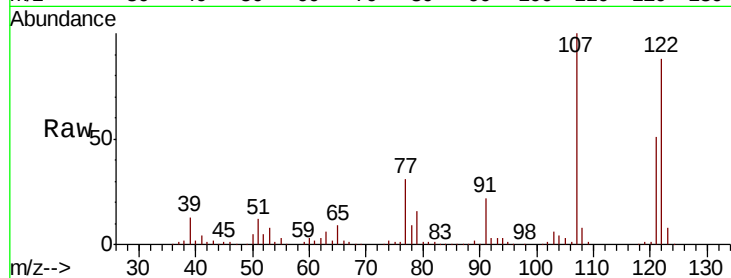
Tot Ion:122 Resp: 342745

Ion Ratio Lower Upper

122 100

107 113.4 90.7 136.1

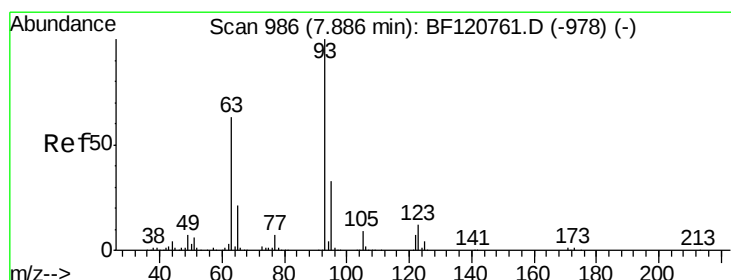
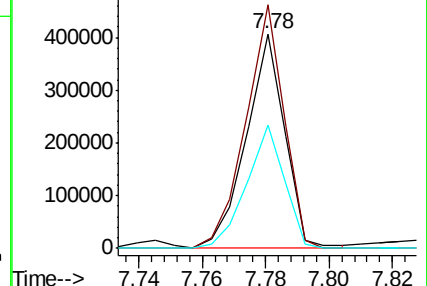
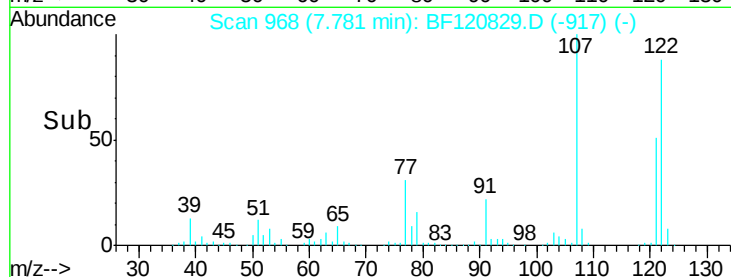
121 57.3 45.4 68.0



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: 45.310 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

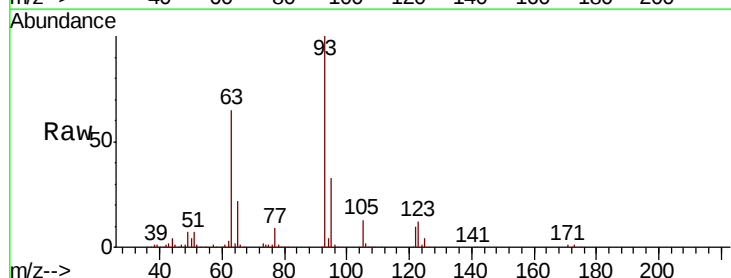
Tgt Ion: 93 Resp: 491547

Ion Ratio Lower Upper

93 100

95 32.8 26.4 39.6

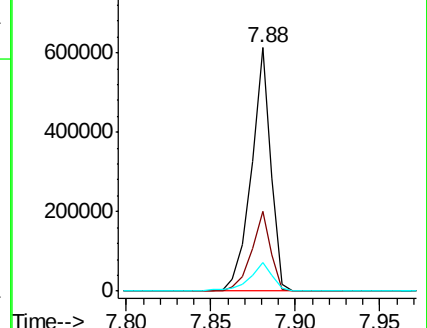
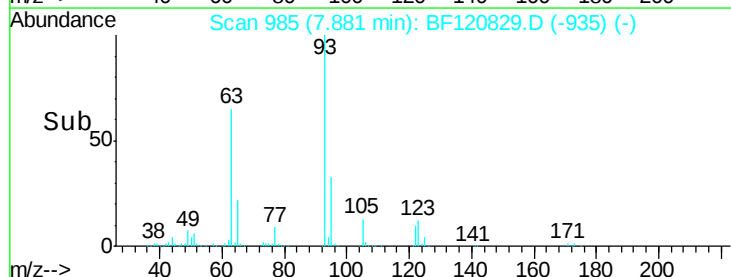
123 11.8 10.2 15.2

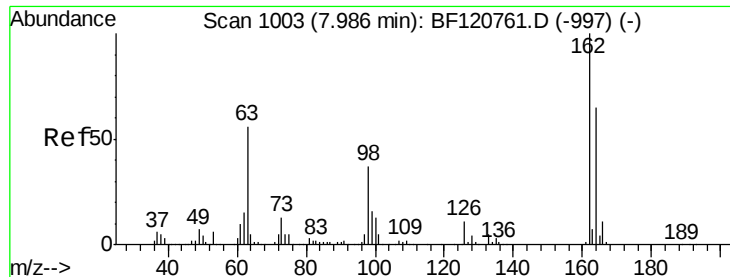


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.299 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

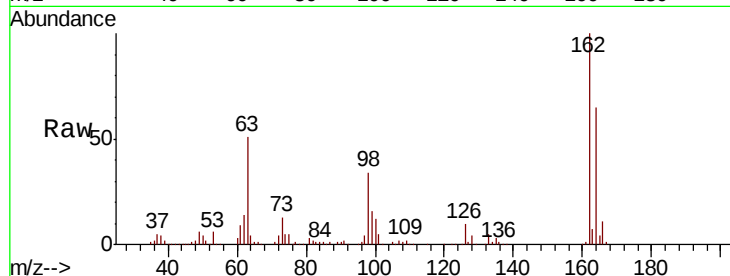
Tot Ion:162 Resp: 323594

Ion Ratio Lower Upper

162 100

164 65.2 45.2 85.2

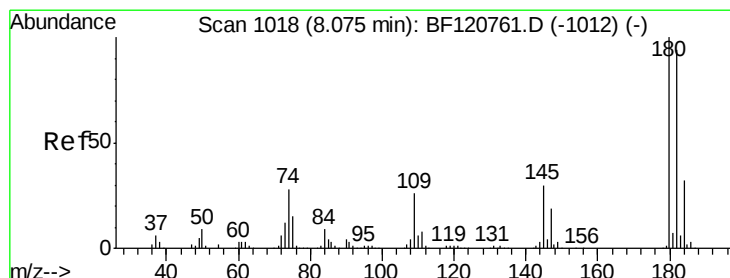
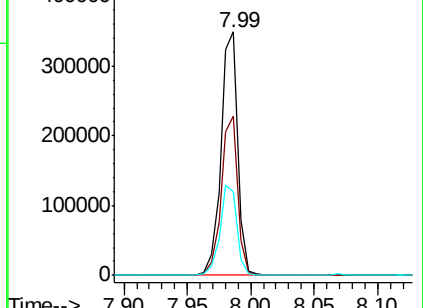
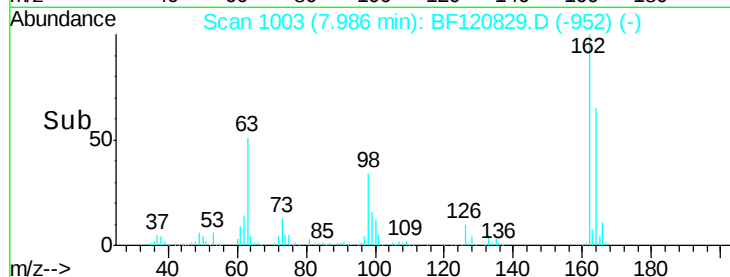
98 34.3 17.0 57.0



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: 45.323 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

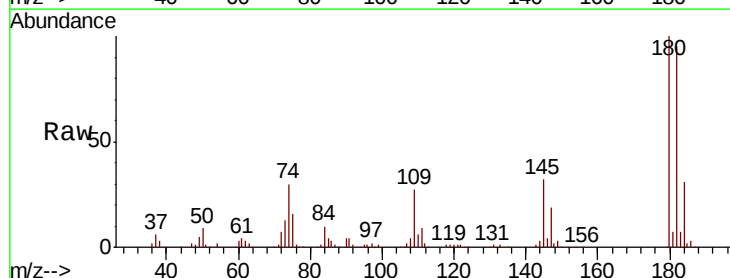
Tgt Ion:180 Resp: 371860

Ion Ratio Lower Upper

180 100

182 95.0 75.5 113.3

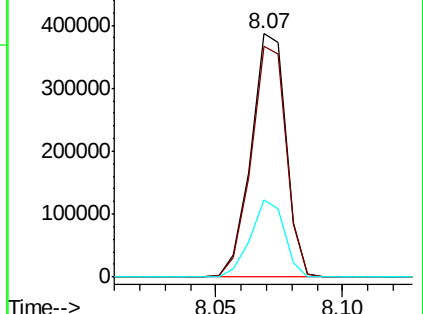
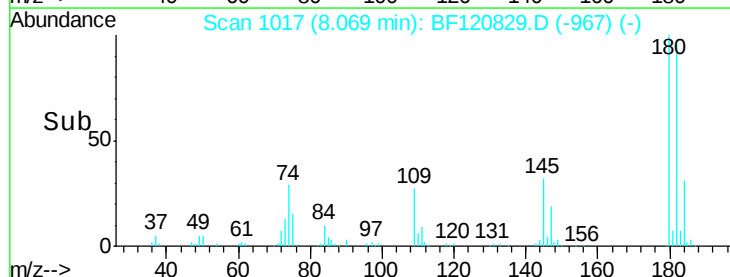
145 31.5 24.1 36.1

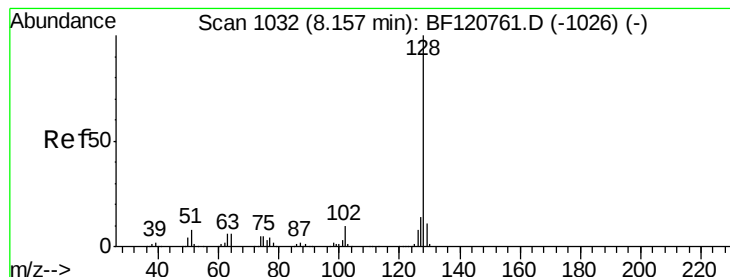


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.678 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

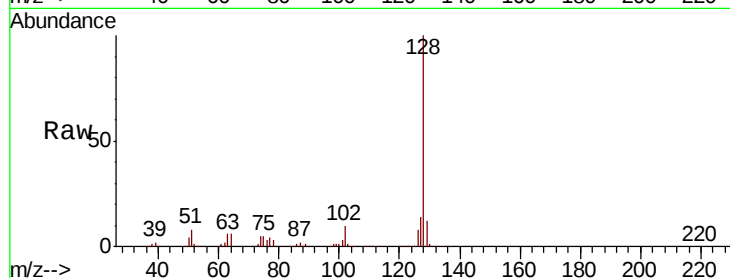
Tot Ion:128 Resp: 1175814

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

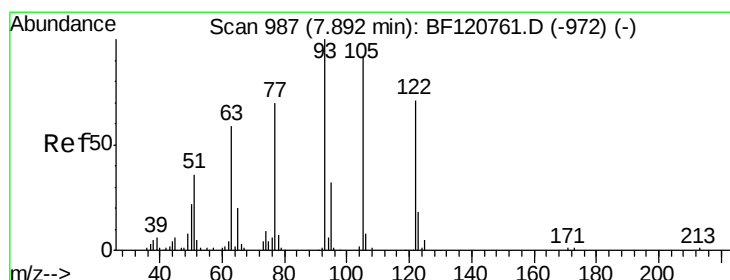
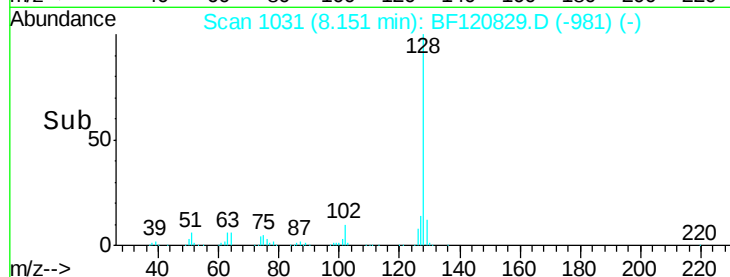
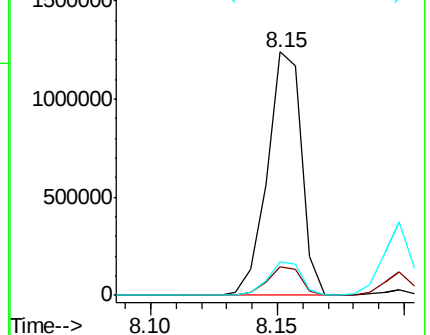
127 13.7 11.1 16.7



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: 40.596 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

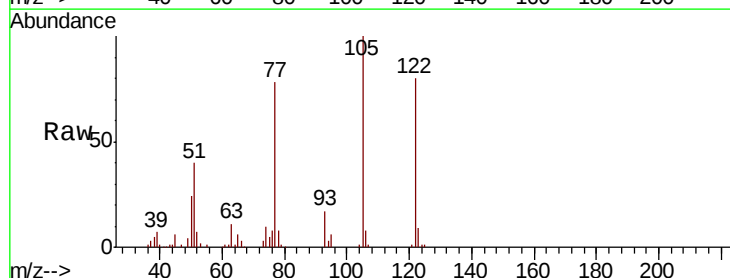
Tgt Ion:122 Resp: 206341

Ion Ratio Lower Upper

122 100

105 125.0 105.8 145.8

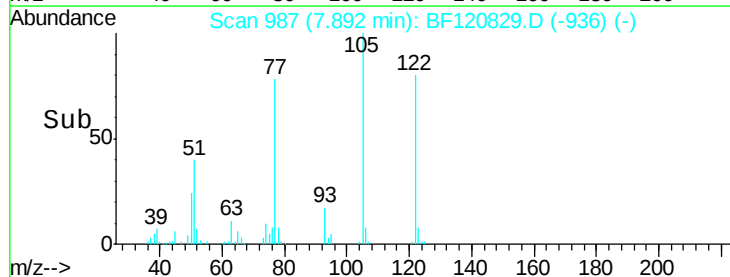
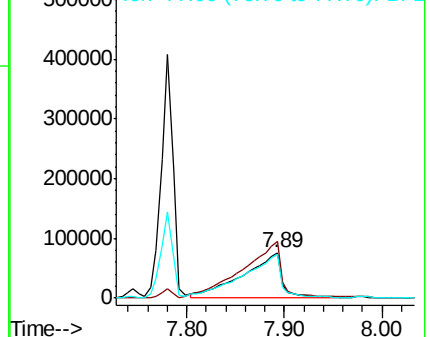
77 97.7 77.3 117.3



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

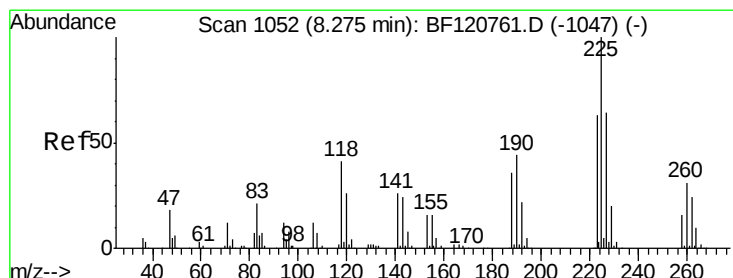
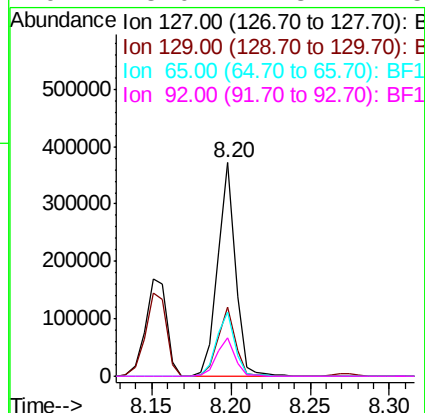
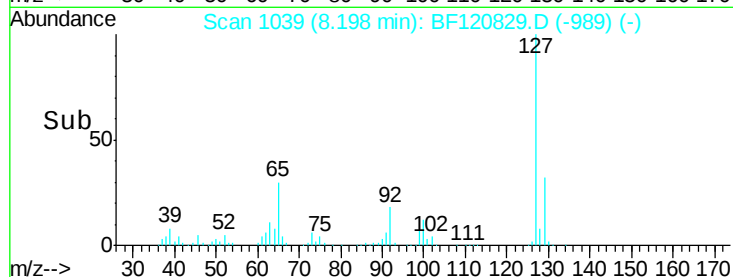
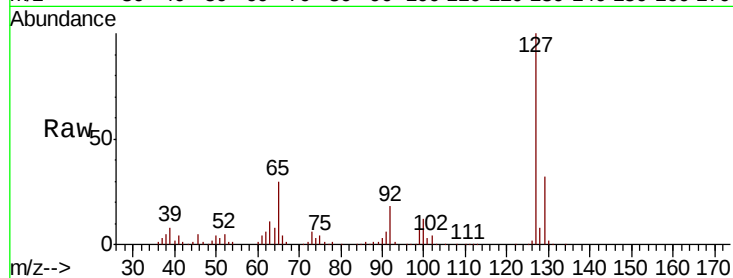




#33
4-Chloroaniline
Concen: 26.048 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

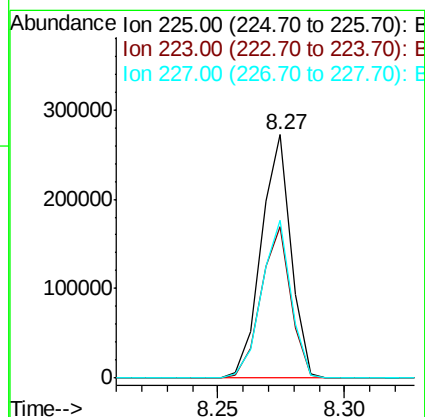
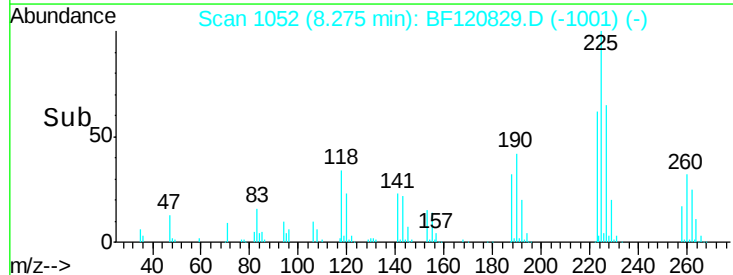
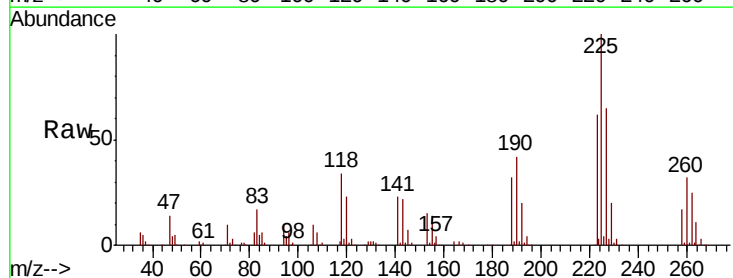
Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:	127	Resp:	290898
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	30.0	22.7	34.1
92	18.0	14.3	21.5



#34
Hexachlorobutadiene
Concen: 44.945 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:	225	Resp:	221781
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.8	51.4	77.2

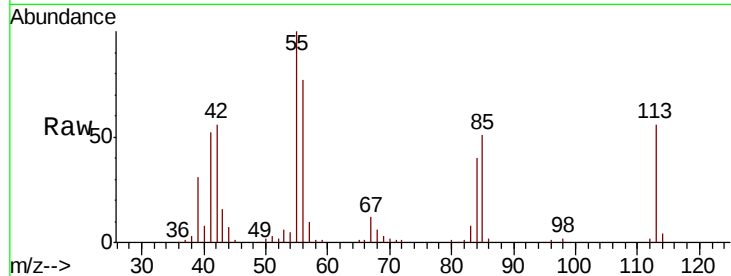




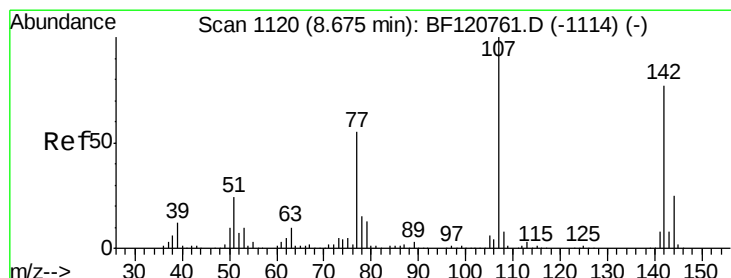
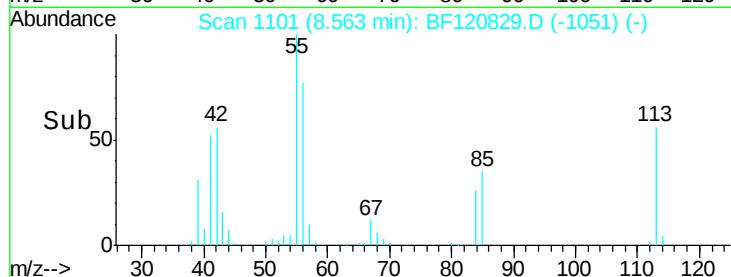
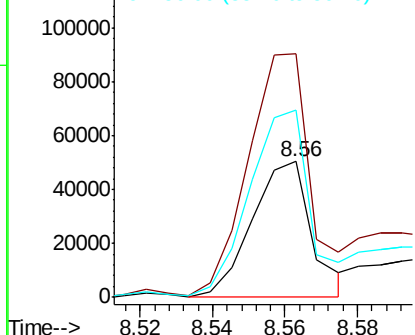
#35
Caprolactam
Concen: 26.953 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:113 Resp: 57370
Ion Ratio Lower Upper
113 100
55 179.7 168.3 208.3
56 138.4 118.8 158.8

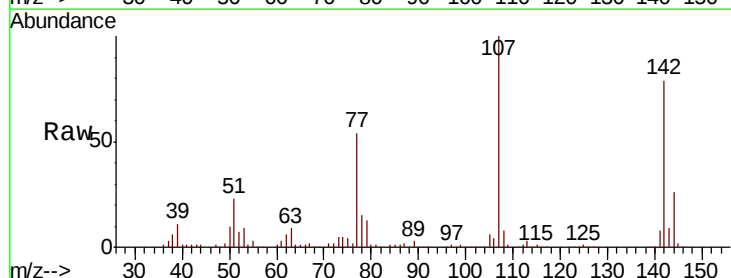


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

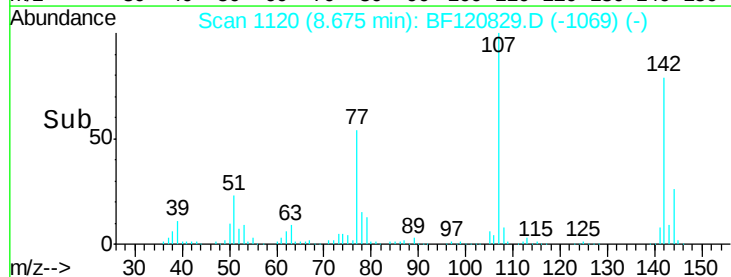
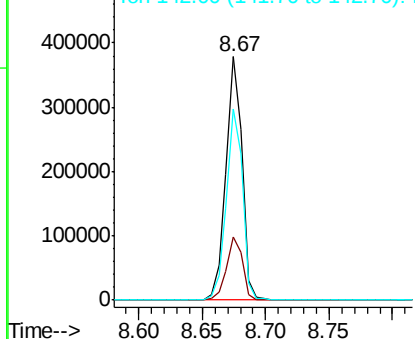


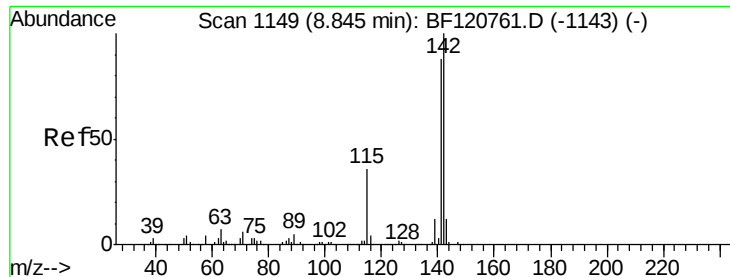
#36
4-Chloro-3-methylphenol
Concen: 44.078 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:107 Resp: 334927
Ion Ratio Lower Upper
107 100
144 25.7 19.7 29.5
142 78.7 61.2 91.8



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

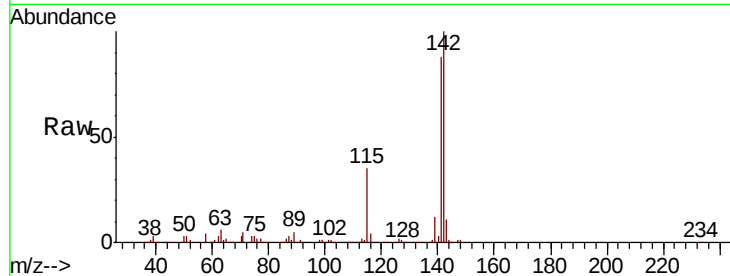




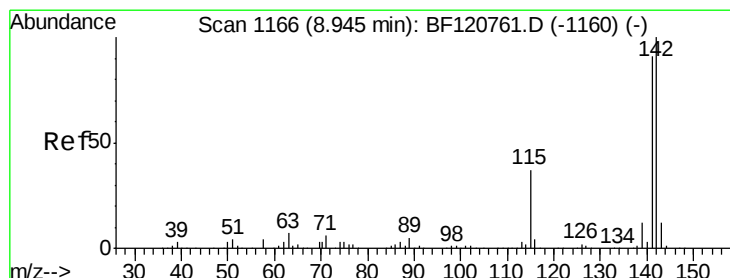
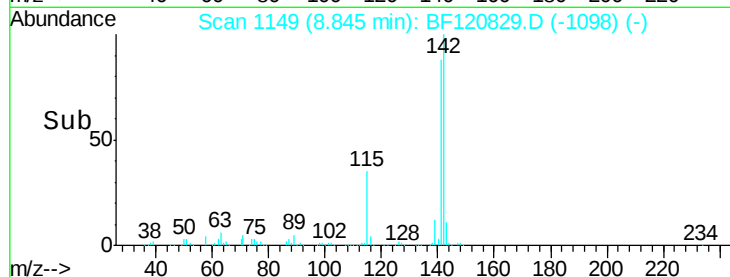
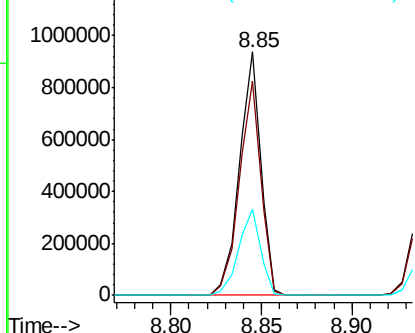
#37
2-Methylnaphthalene
Concen: 44.995 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:142 Resp: 769779
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4
115 35.2 29.0 43.4

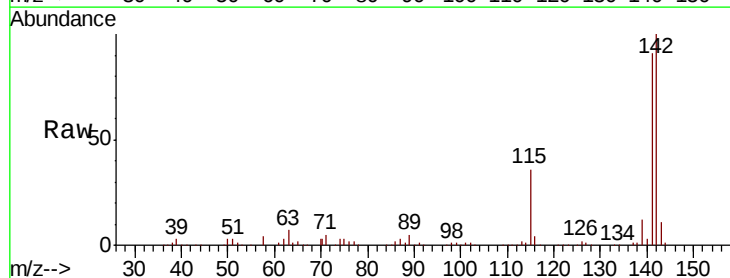


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

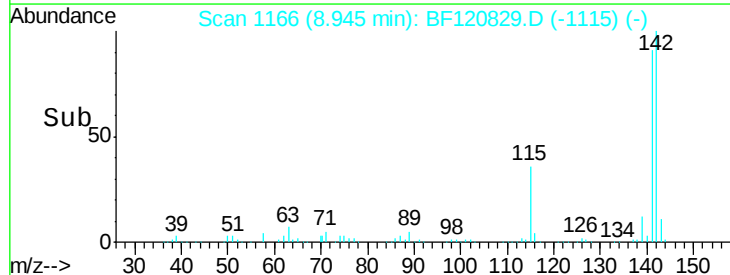
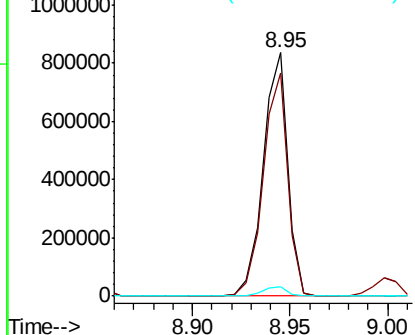


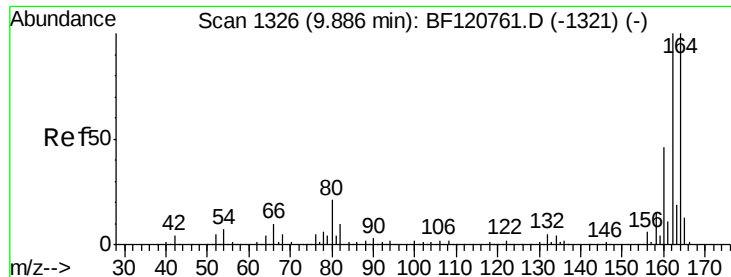
#38
1-Methylnaphthalene
Concen: 45.172 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:142 Resp: 723898
Ion Ratio Lower Upper
142 100
141 91.4 72.5 108.7
116 3.7 3.1 4.7



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

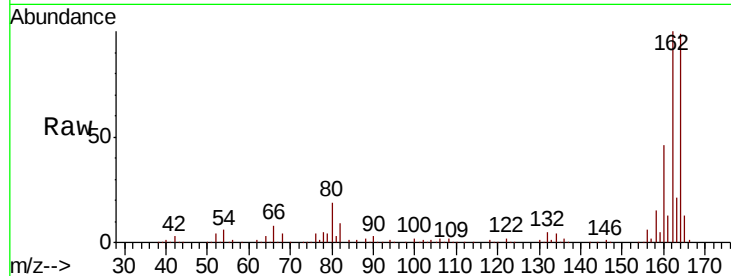




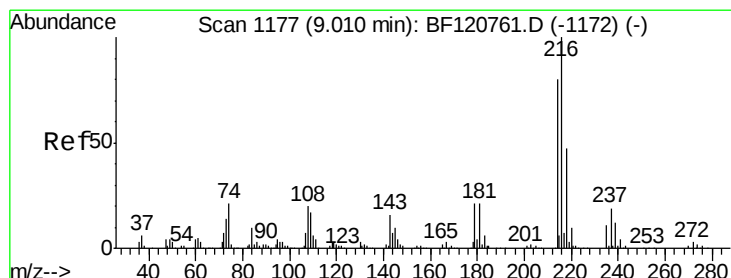
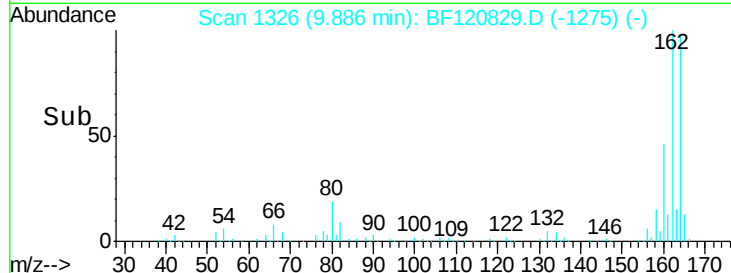
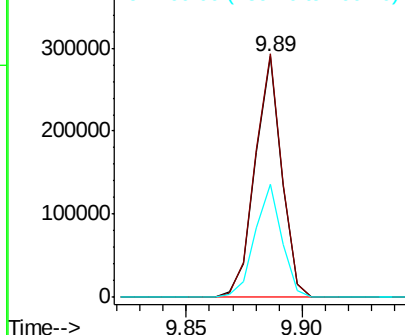
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.2
160	46.8	36.9	55.3



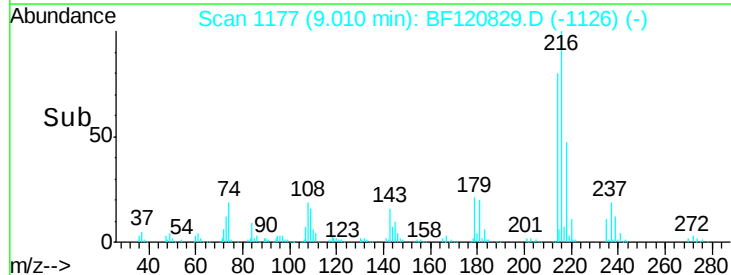
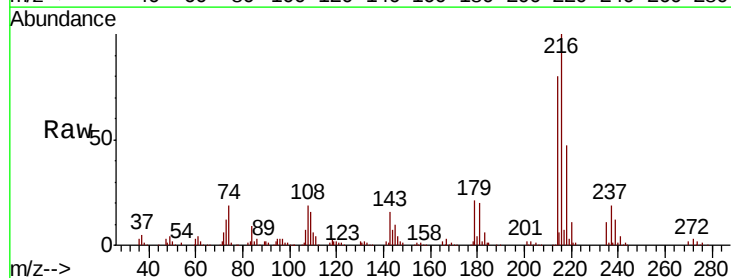
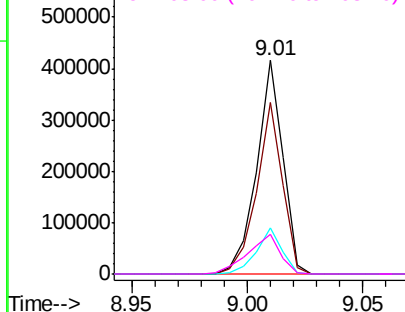
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

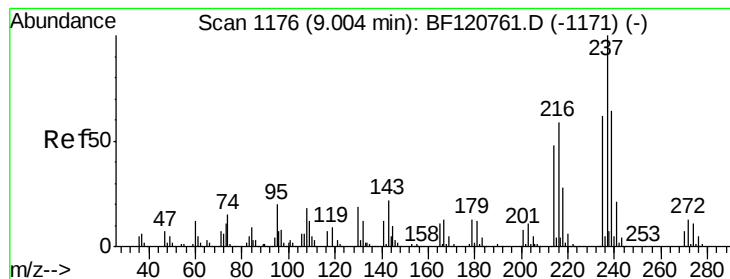


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.698 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	20.9	16.7	25.1
108	23.2	17.0	25.4

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: 101.051 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

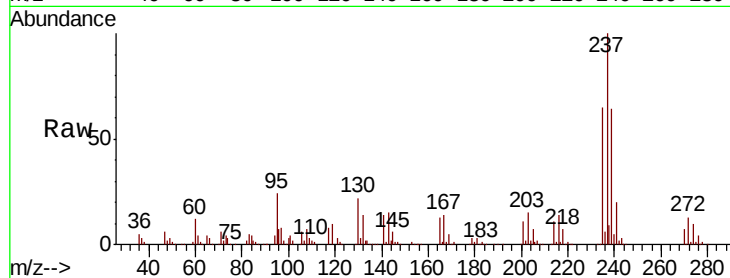
Tot Ion:237 Resp: 421972

Ion Ratio Lower Upper

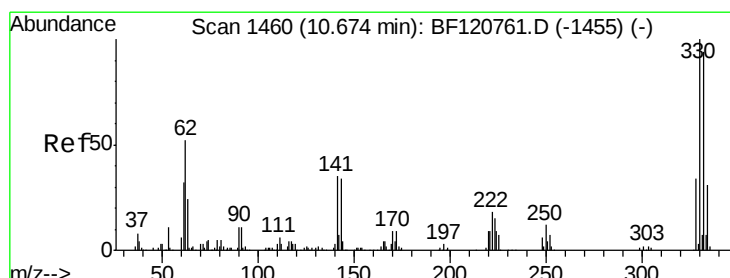
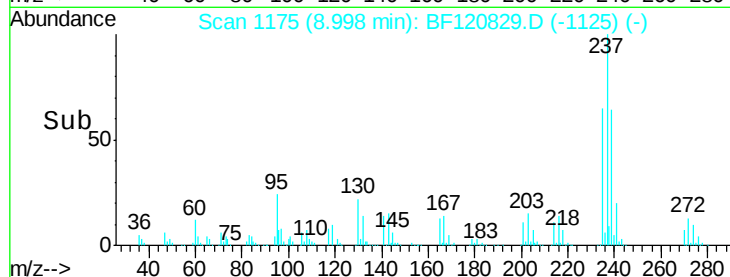
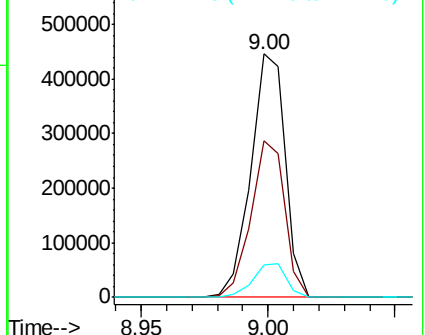
237 100

235 64.5 42.1 82.1

272 13.4 0.0 33.4



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: 148.108 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

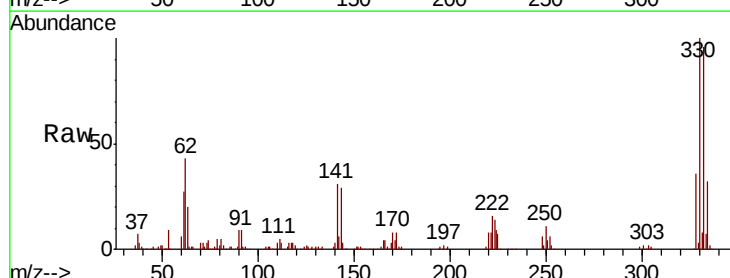
Tgt Ion:330 Resp: 347966

Ion Ratio Lower Upper

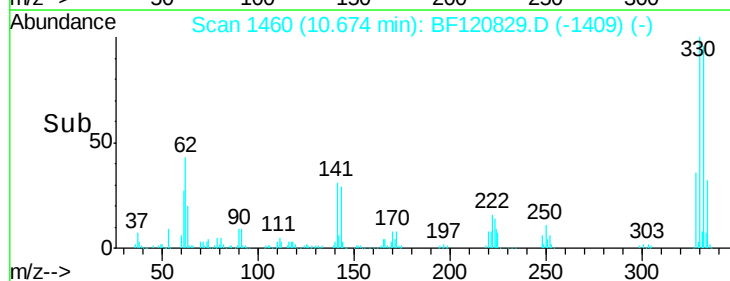
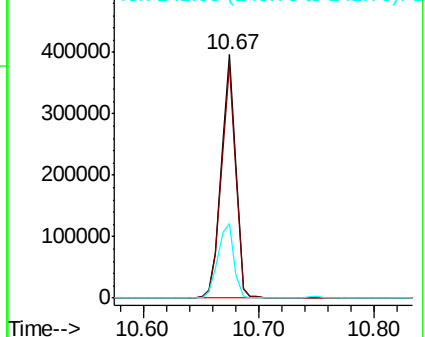
330 100

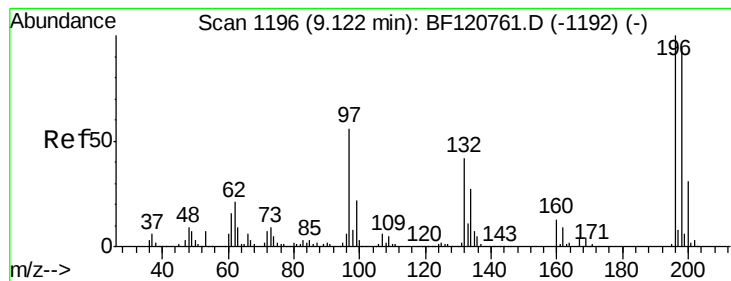
332 95.5 75.8 113.6

141 34.2 29.7 44.5



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: 46.061 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

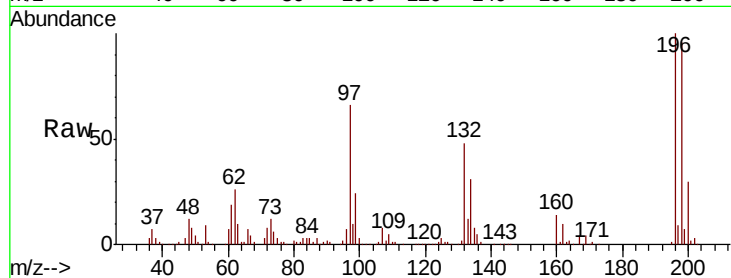
Tot Ion:196 Resp: 221828

Ion Ratio Lower Upper

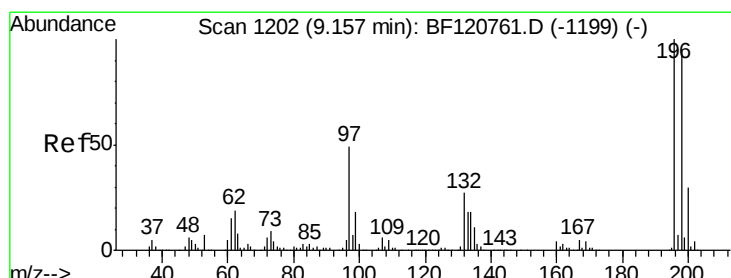
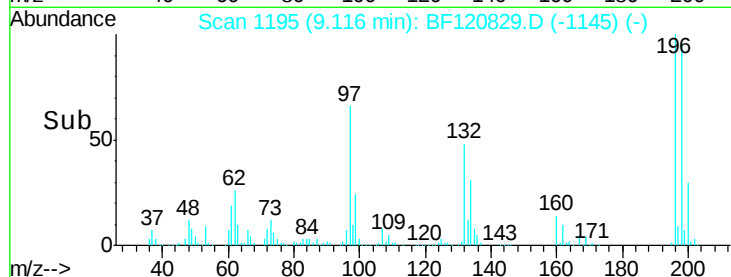
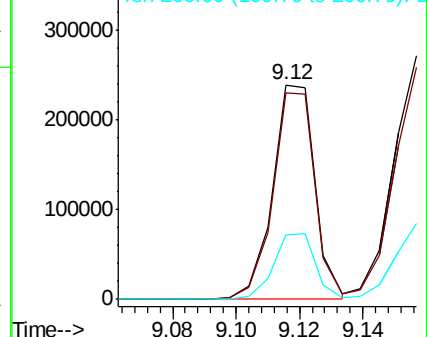
196 100

198 95.9 75.3 112.9

200 29.8 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 44.416 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion:196 Resp: 237390

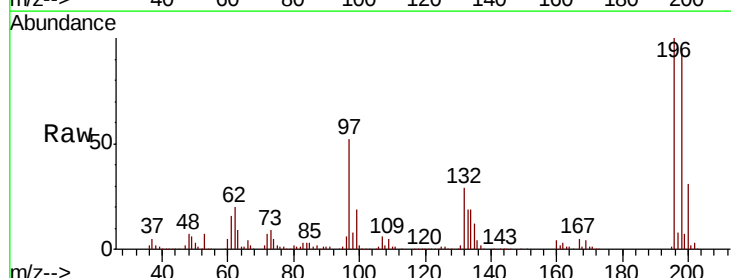
Ion Ratio Lower Upper

196 100

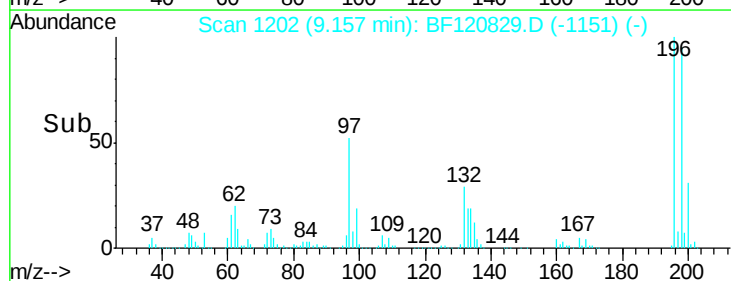
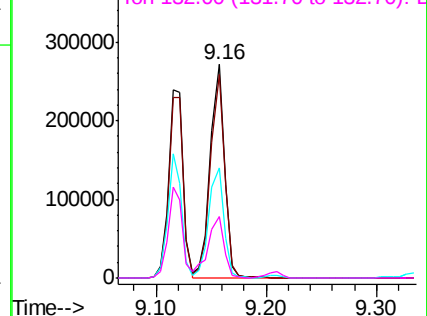
198 95.2 76.2 114.2

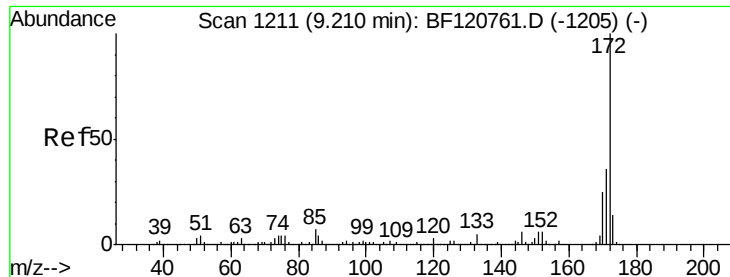
97 51.7 39.6 59.4

132 28.6 22.0 33.0



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

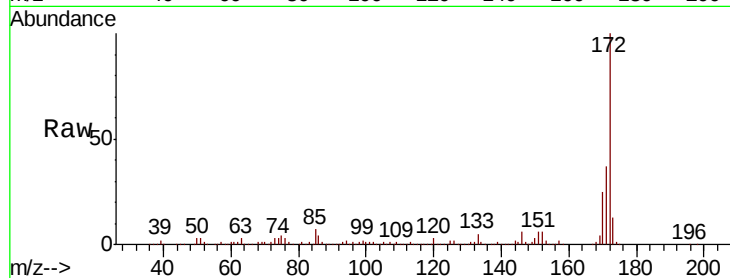




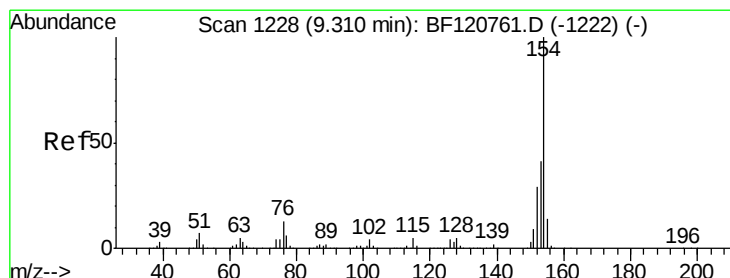
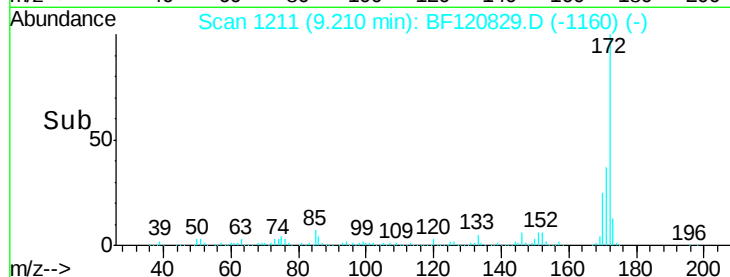
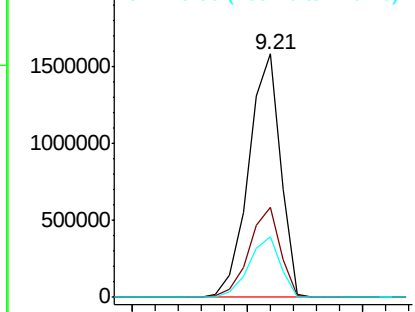
#45
2-Fluorobiphenyl
Concen: 98.850 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:172 Resp: 1527921
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.6 19.8 29.6

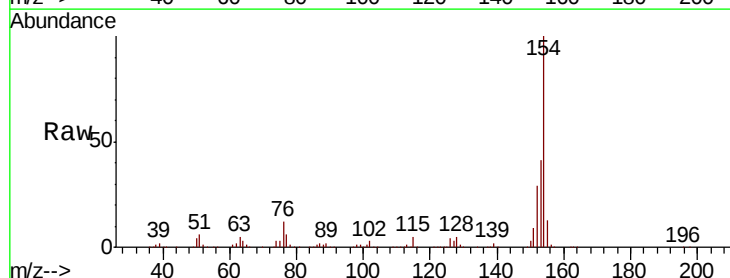


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

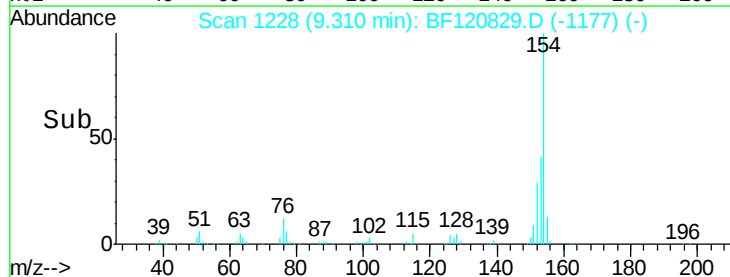
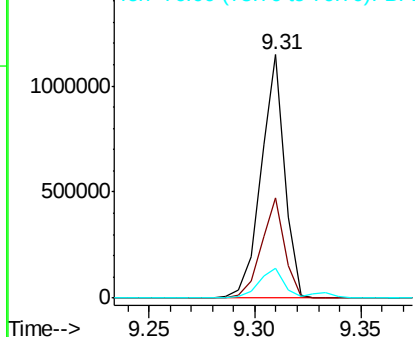


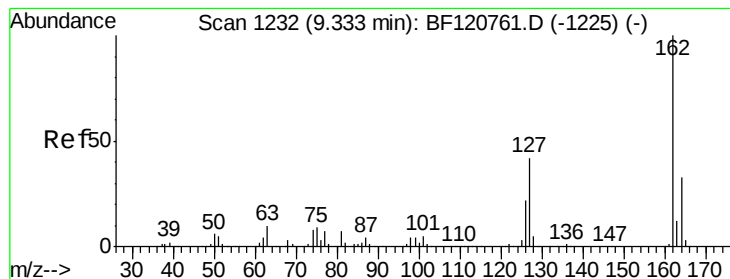
#46
1,1'-Biphenyl
Concen: 47.081 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:154 Resp: 888106
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.2 0.0 33.3



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: 46.499 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

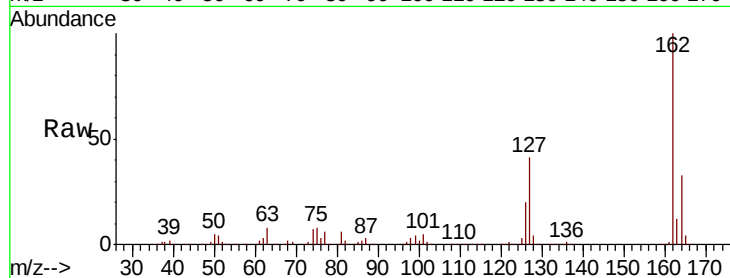
Tot Ion:162 Resp: 702700

Ion Ratio Lower Upper

162 100

127 40.6 33.7 50.5

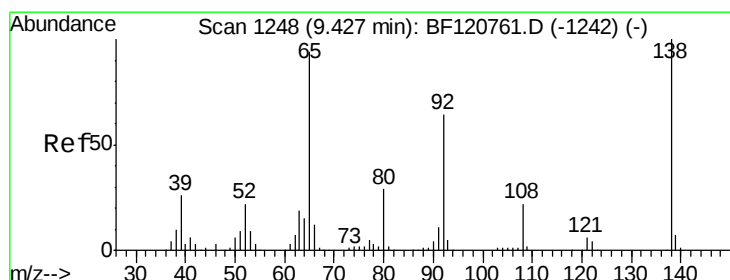
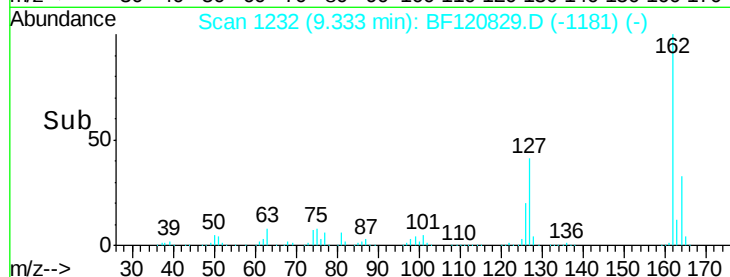
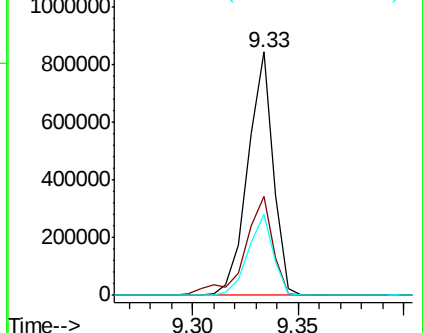
164 33.2 26.4 39.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 46.783 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

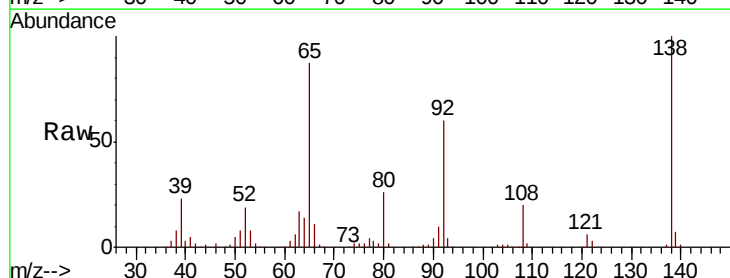
Tgt Ion: 65 Resp: 211374

Ion Ratio Lower Upper

65 100

92 69.4 54.4 81.6

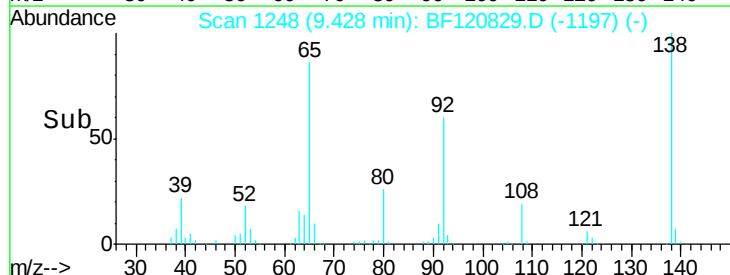
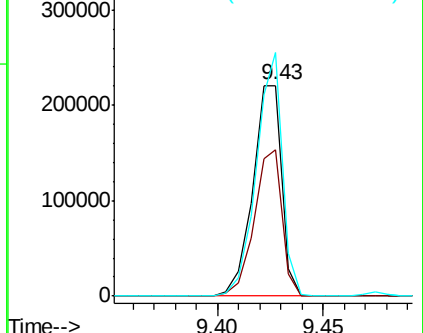
138 115.5 84.7 127.1

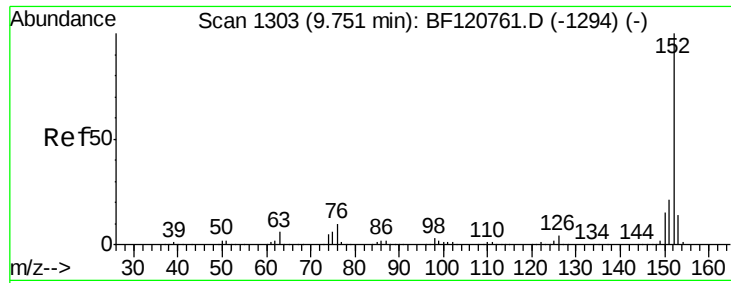


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.957 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

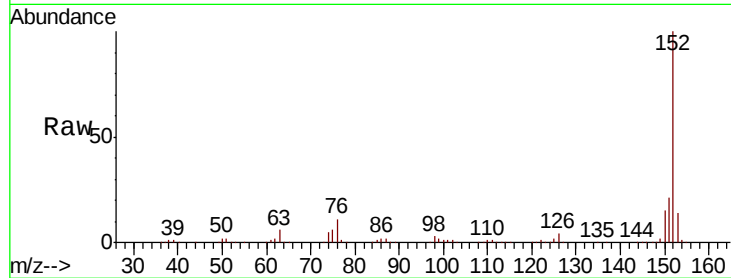
Tot Ion:152 Resp: 1065166

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

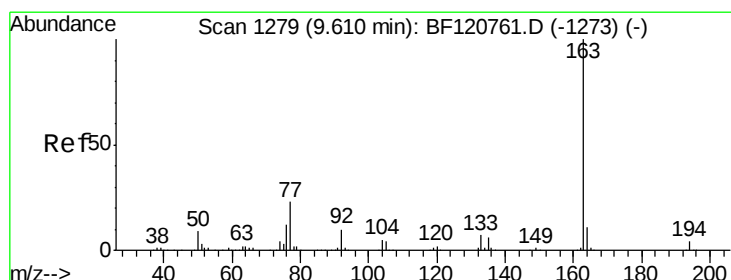
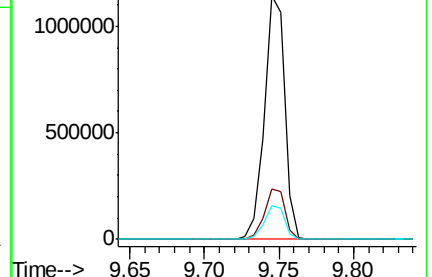
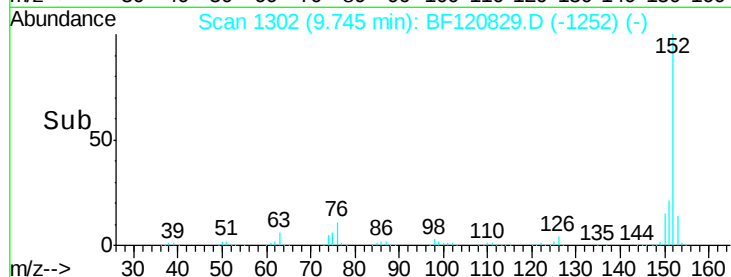
153 13.8 10.8 16.2



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: 45.077 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

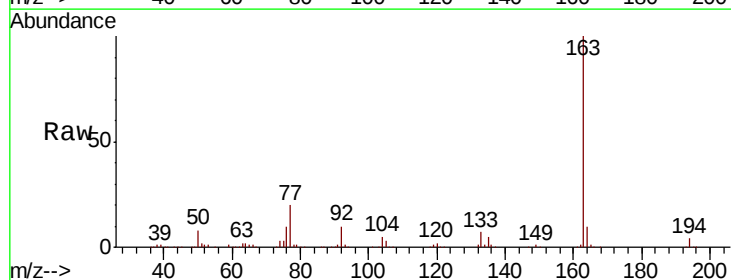
Tgt Ion:163 Resp: 768978

Ion Ratio Lower Upper

163 100

194 3.9 2.9 4.3

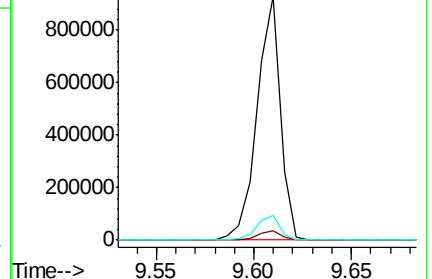
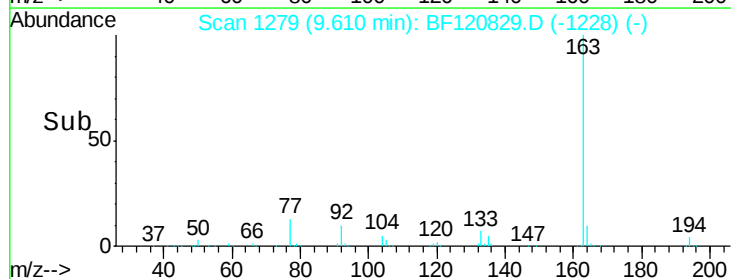
164 10.2 8.5 12.7

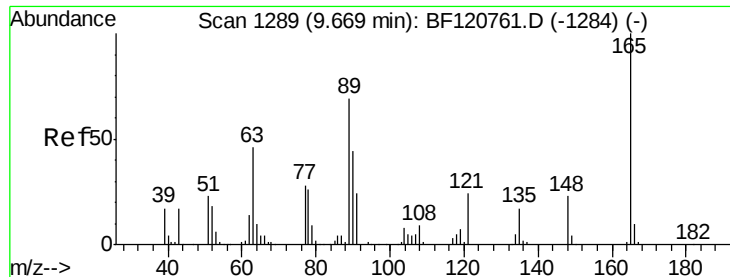


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

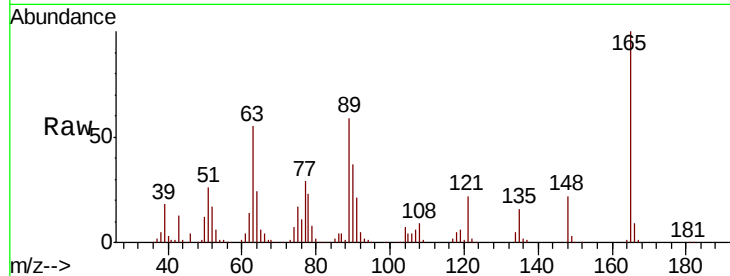




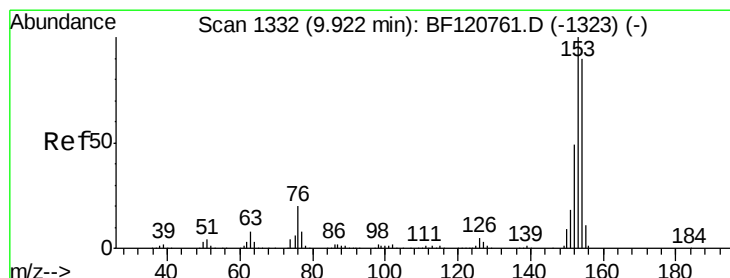
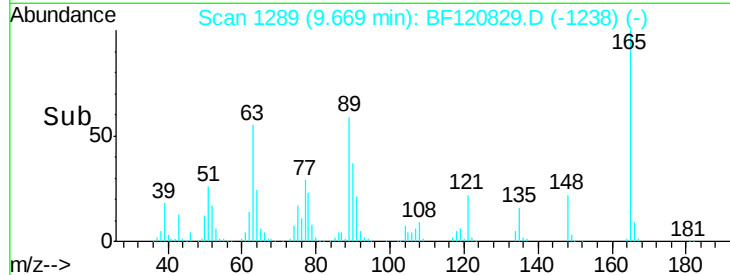
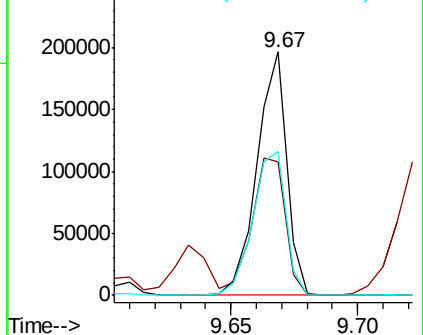
#51
 2,6-Dinitrotoluene
 Concen: 47.653 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	54.0	81.0
89	59.0	55.4	83.2

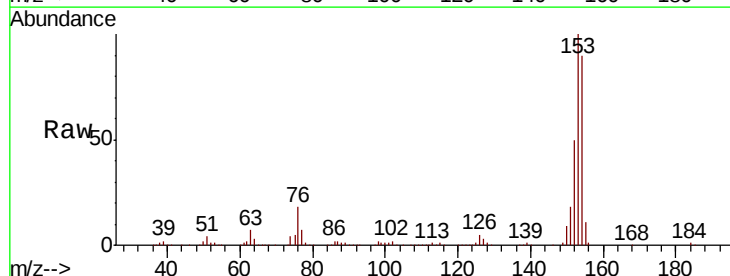


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

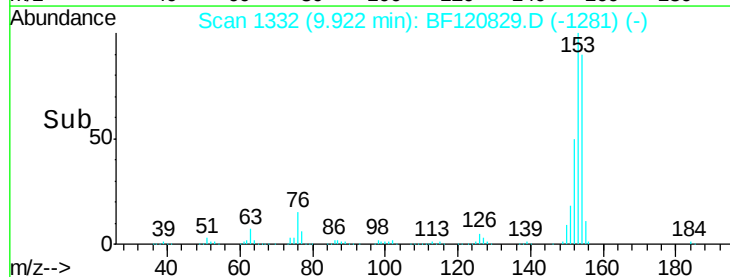
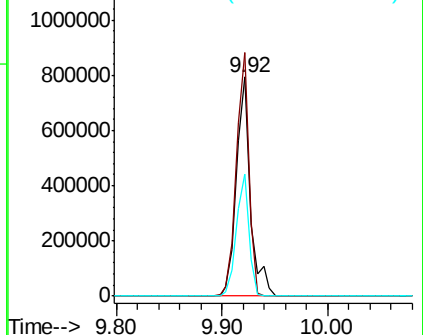


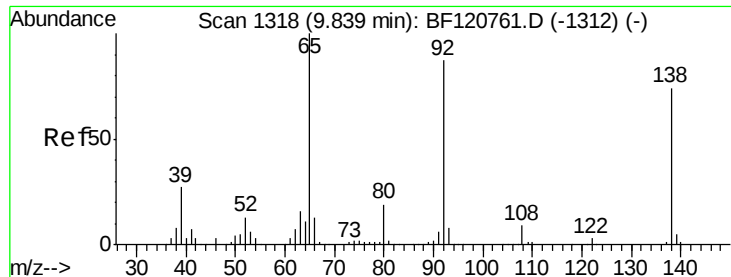
#52
 Acenaphthene
 Concen: 49.098 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.3	88.6	132.8
152	55.6	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

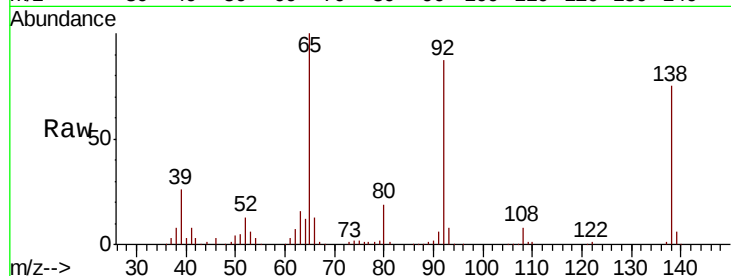




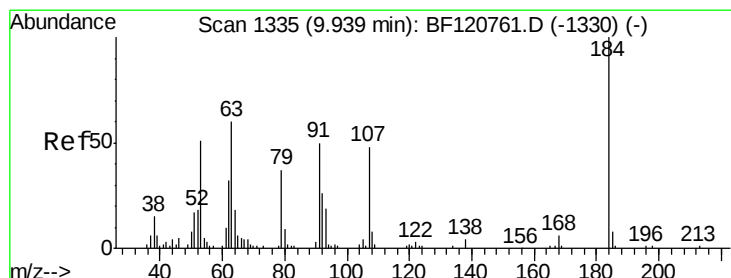
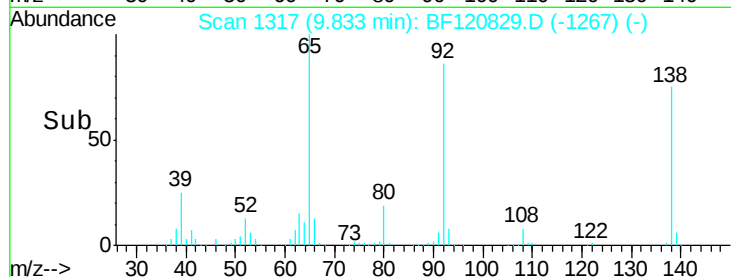
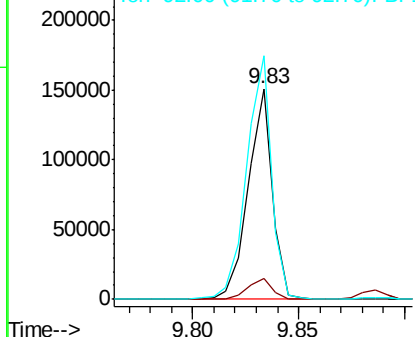
#53
3-Nitroaniline
Concen: 29.729 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:138 Resp: 120034
Ion Ratio Lower Upper
138 100
108 10.1 9.8 14.6
92 115.6 93.4 140.2

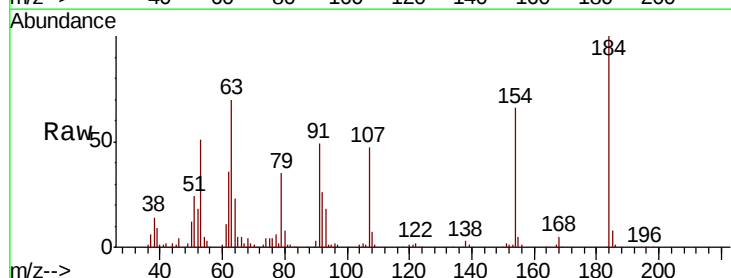


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

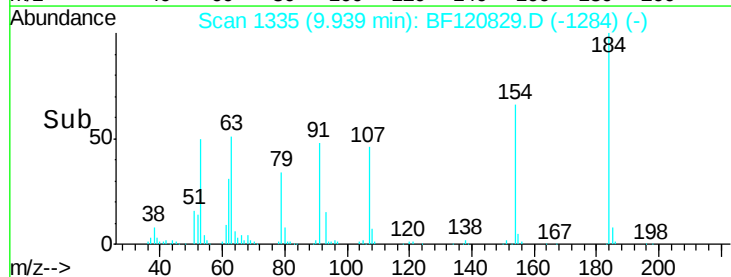
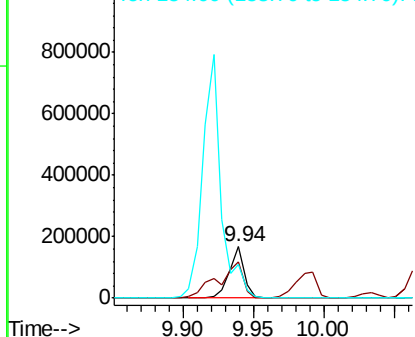


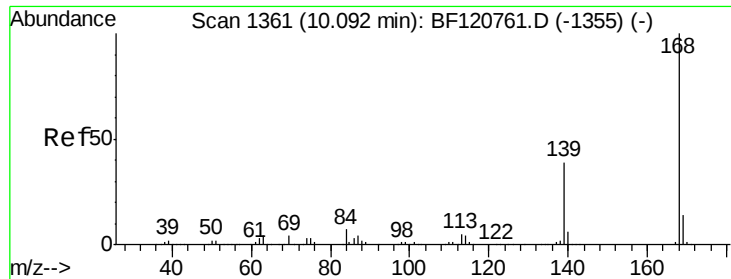
#54
2,4-Dinitrophenol
Concen: 91.997 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:184 Resp: 124873
Ion Ratio Lower Upper
184 100
63 69.6 57.3 85.9
154 65.6 55.8 83.6



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

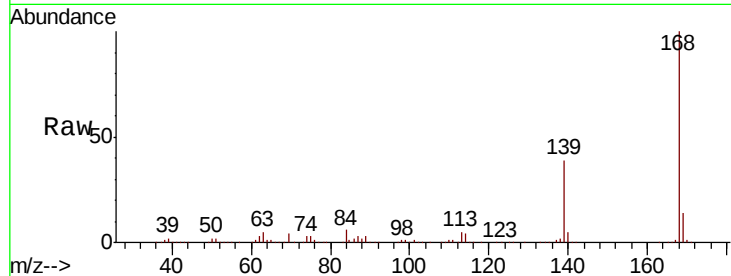




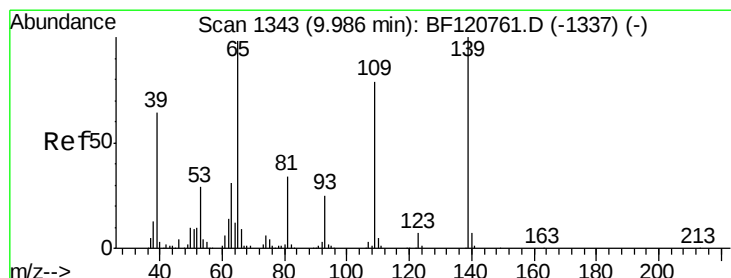
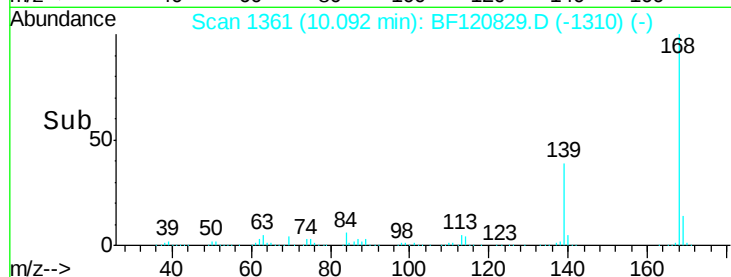
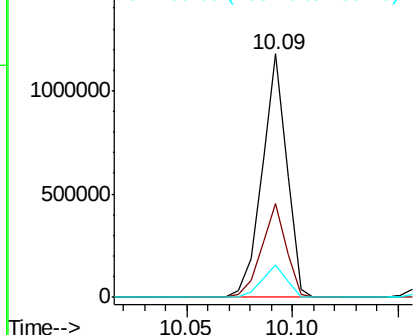
#55
Dibenzenofuran
Concen: 45.238 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:168 Resp: 958454
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.5 11.2 16.8

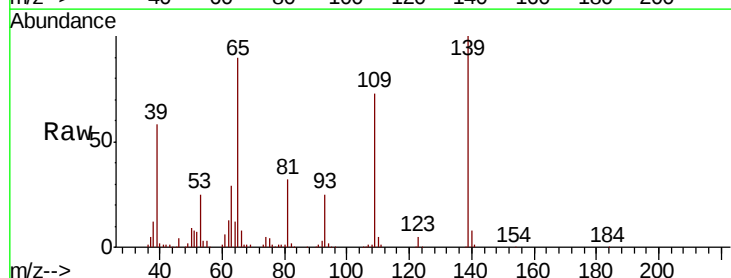


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

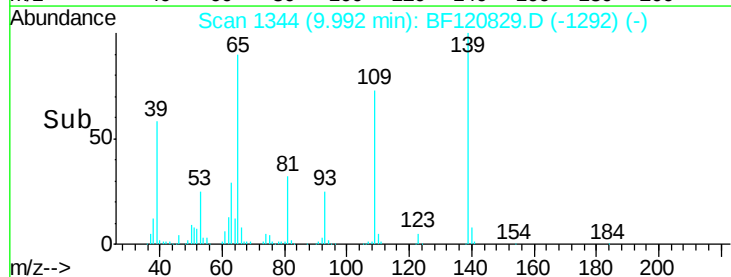
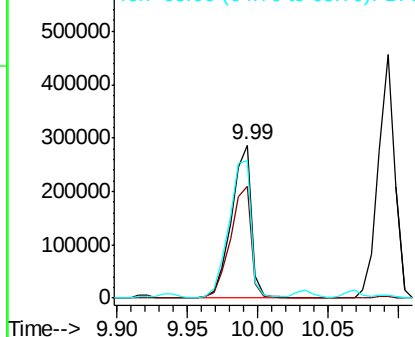


#56
4-Nitrophenol
Concen: 89.922 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:139 Resp: 282157
Ion Ratio Lower Upper
139 100
109 72.7 58.6 98.6
65 89.8 78.7 118.7



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

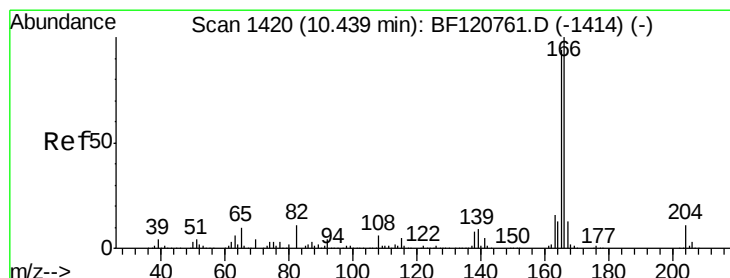
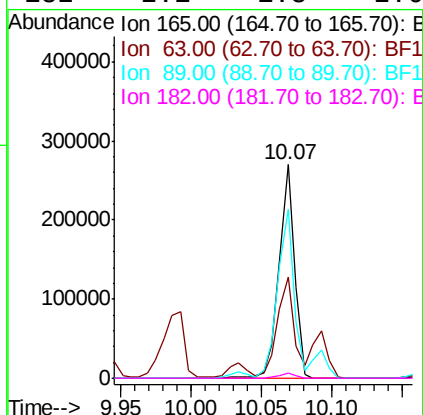
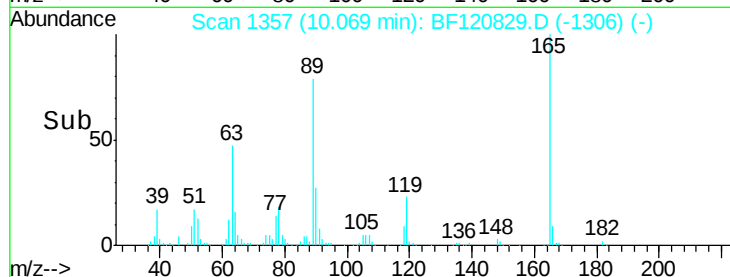
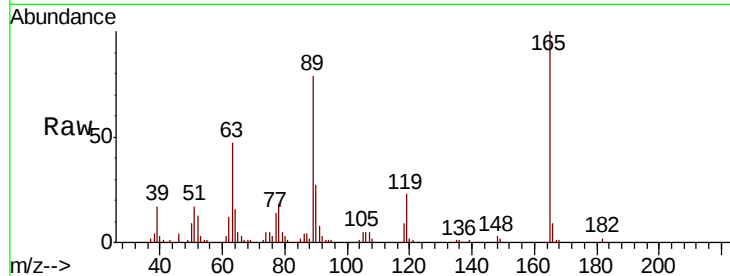




#57
2,4-Dinitrotoluene
Concen: 49.681 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

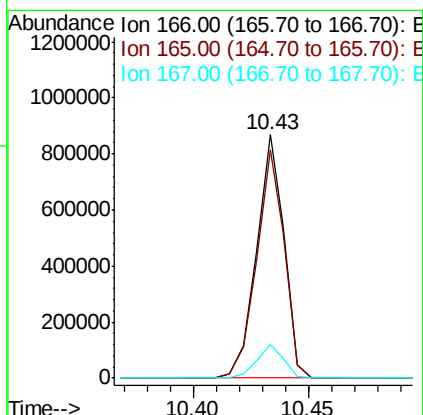
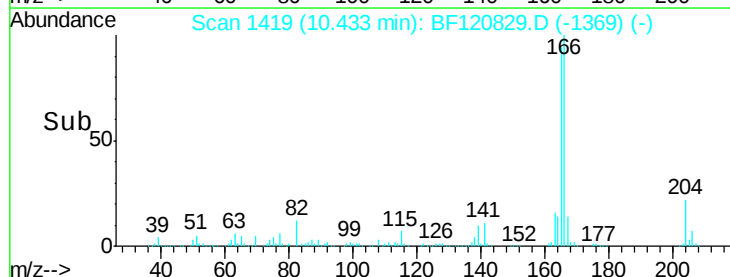
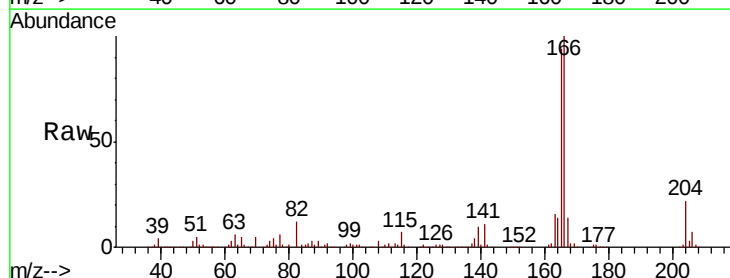
Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	47.2	43.8	65.8	
89	78.8	71.4	107.2	
182	2.1	1.8	2.6	



#58
Fluorene
Concen: 45.672 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	93.9	75.5	113.3	
167	13.8	10.6	16.0	

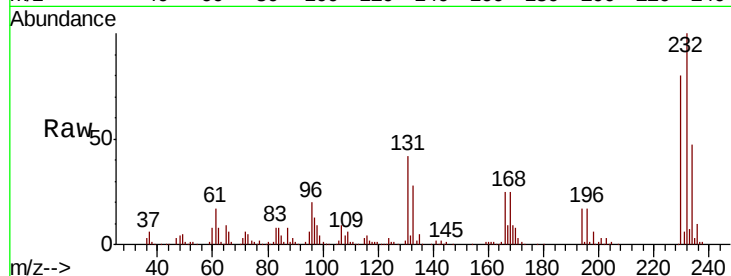




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.145 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.05 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	36.3	54.5
130	2.6	2.0	3.0
166	25.3	20.9	31.3

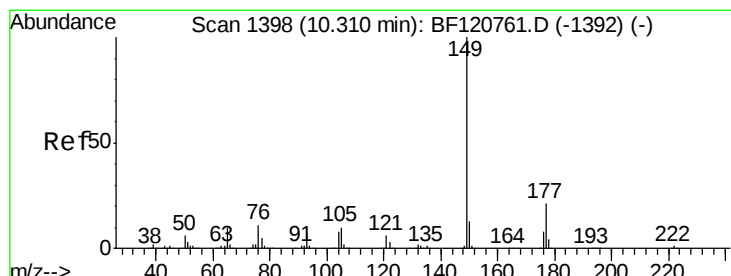
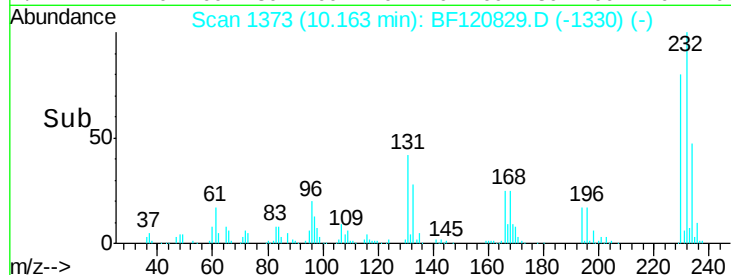
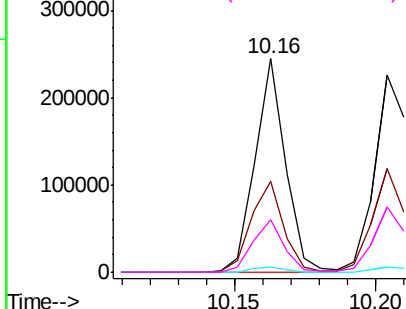


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

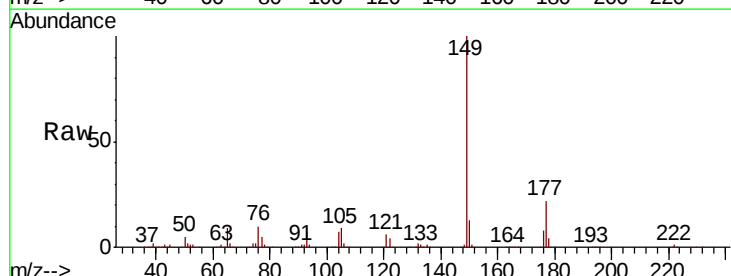
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.359 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

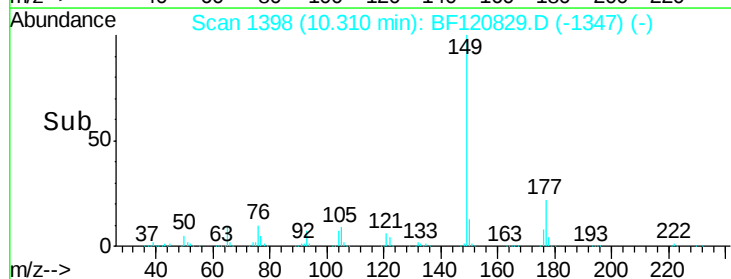
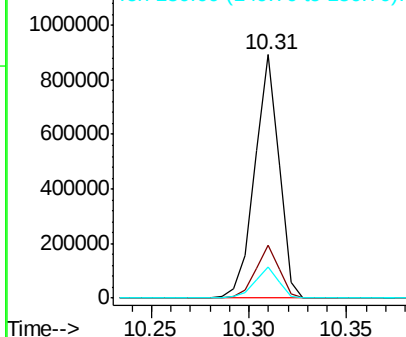
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.4	24.6
150	12.7	10.2	15.4

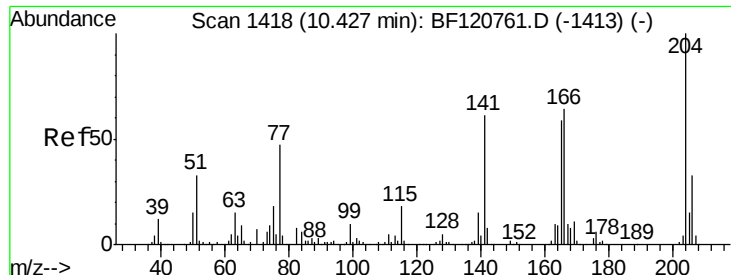


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

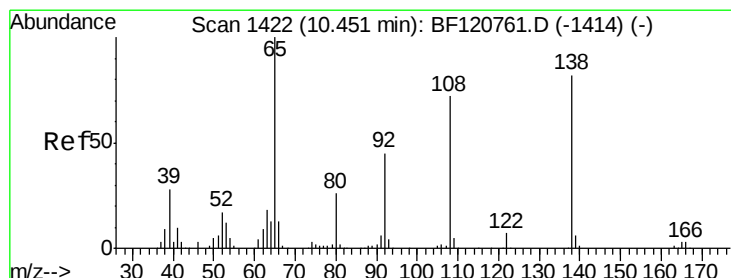
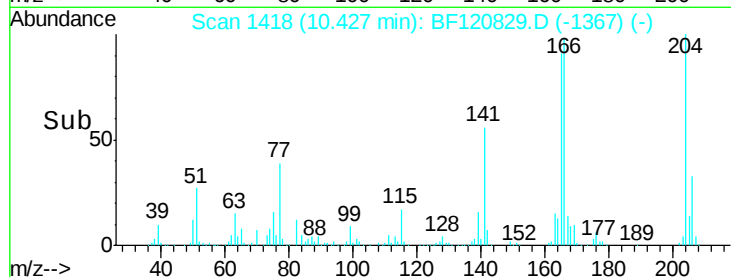
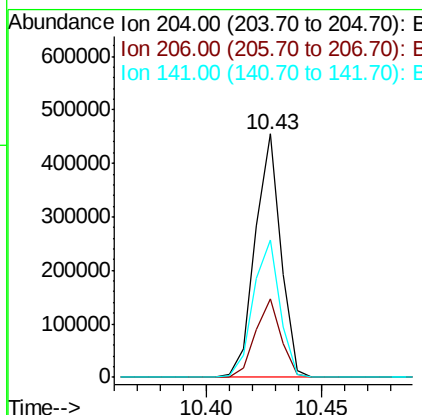
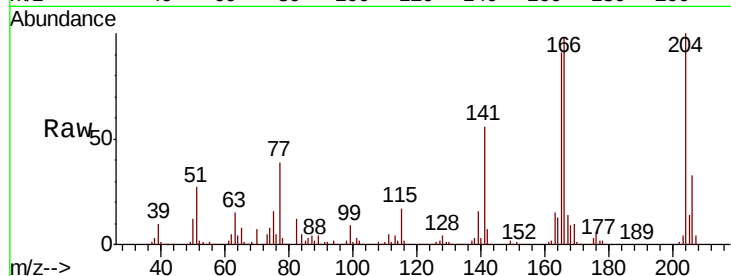




#61
 4-Chlorophenyl-phenylether
 Concen: 44.714 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

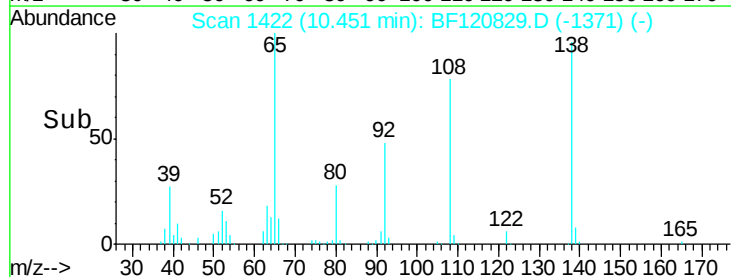
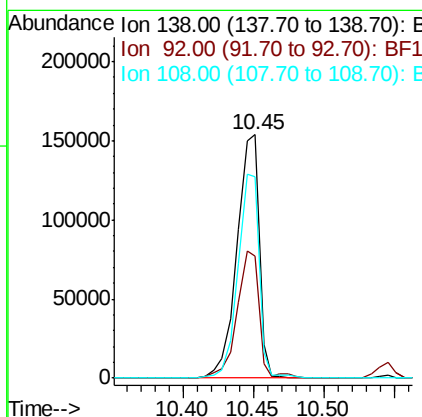
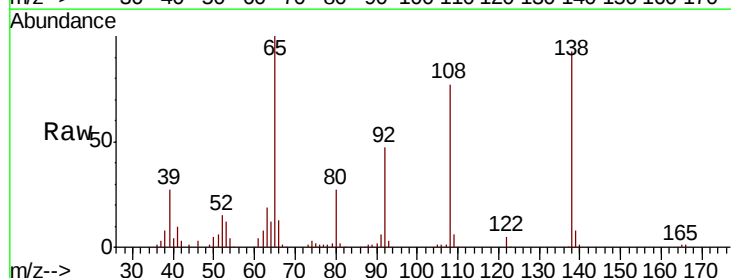
Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

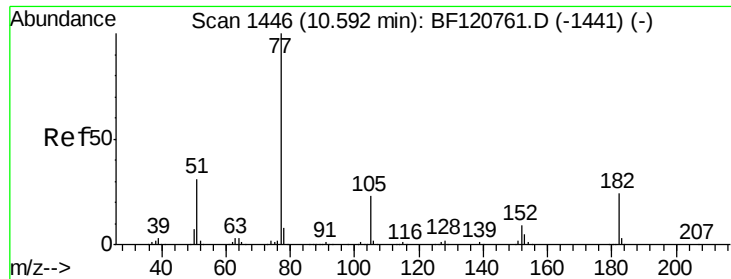
Tot Ion:204 Resp: 354481
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.7 40.1
 141 56.2 48.5 72.7



#62
 4-Nitroaniline
 Concen: 46.719 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:138 Resp: 169335
 Ion Ratio Lower Upper
 138 100
 92 50.2 34.3 74.3
 108 82.5 68.3 108.3

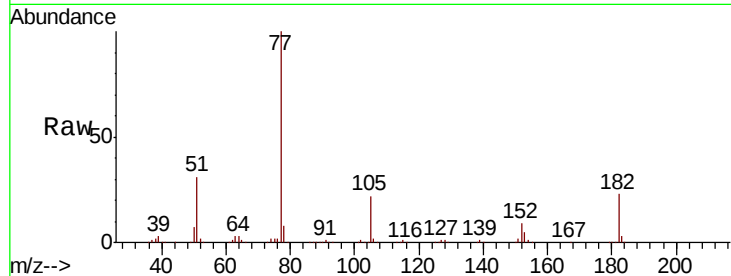




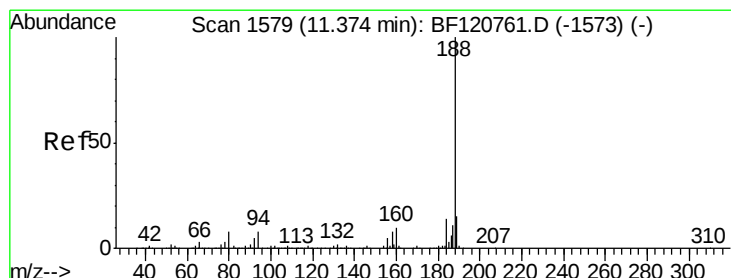
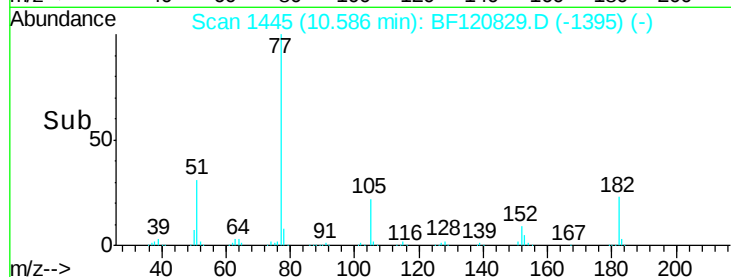
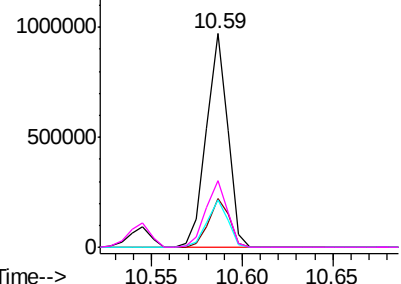
#63
Azobenzene
Concen: 43.720 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:	77	Resp:	794774
Ion	Ratio	Lower	Upper
77	100		
182	22.6	4.0	44.0
105	22.2	2.6	42.6
51	31.1	11.5	51.5

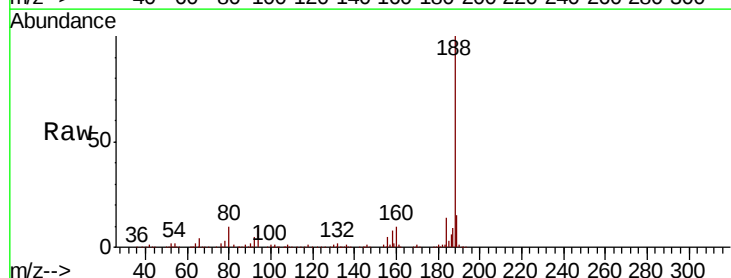


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

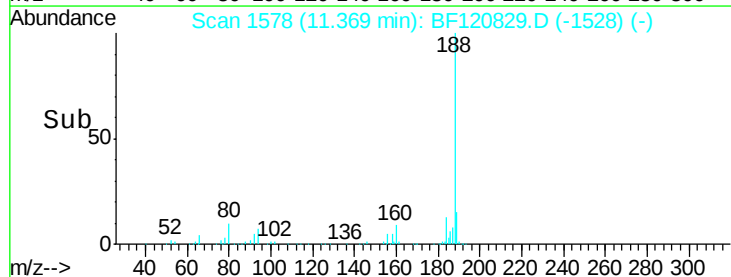
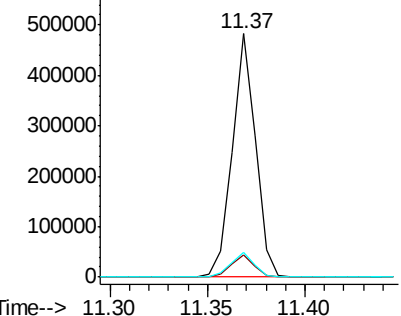


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:	188	Resp:	398152
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.6	9.8
80	10.1	6.6	10.0#



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: 48.601 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

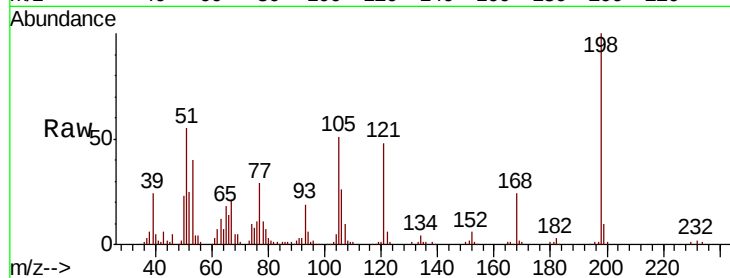
Tot Ion:198 Resp: 81545

Ion Ratio Lower Upper

198 100

51 54.9 50.0 90.0

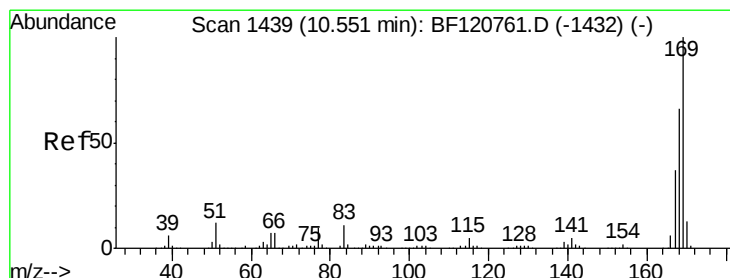
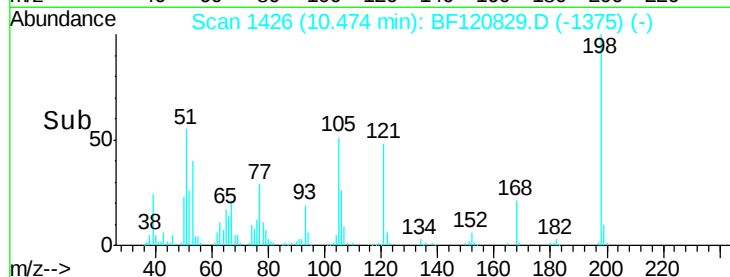
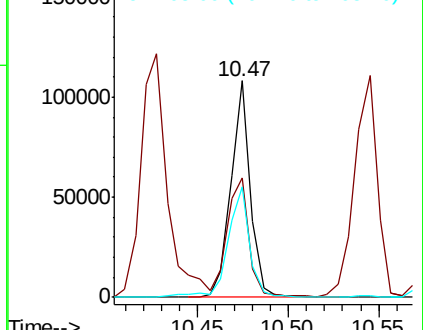
105 51.1 38.3 78.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.733 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

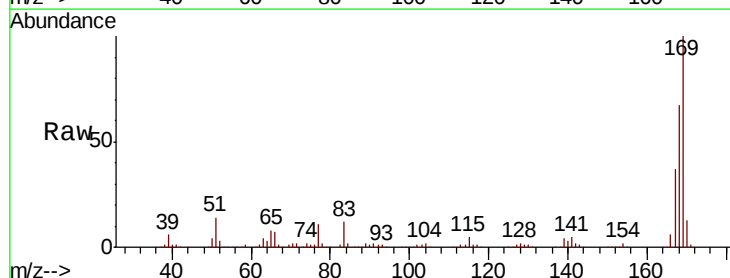
Tgt Ion:169 Resp: 637004

Ion Ratio Lower Upper

169 100

168 67.5 53.1 79.7

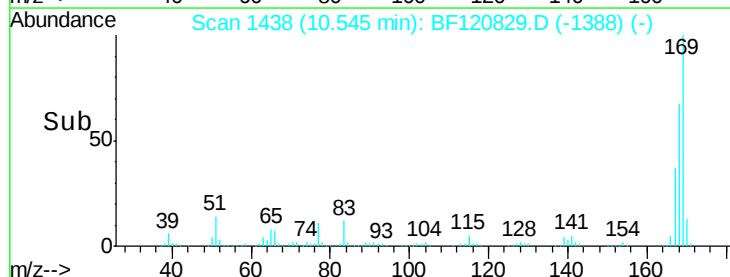
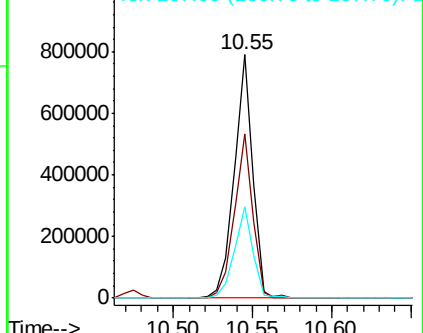
167 37.4 29.6 44.4

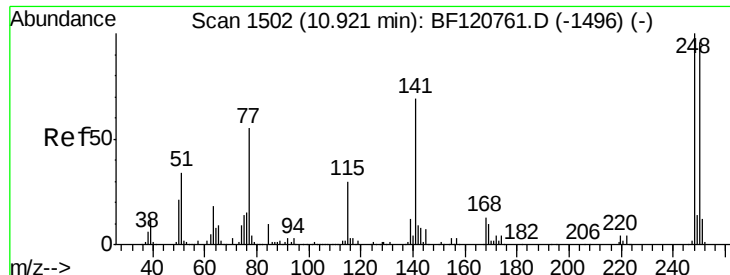


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

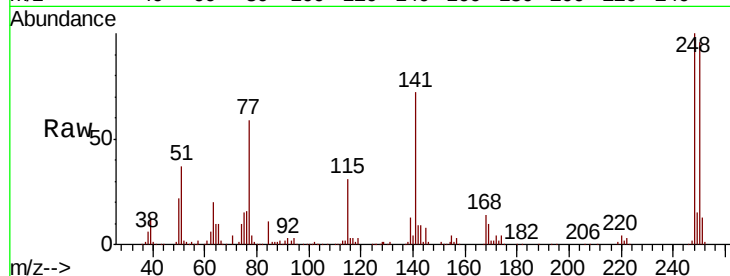




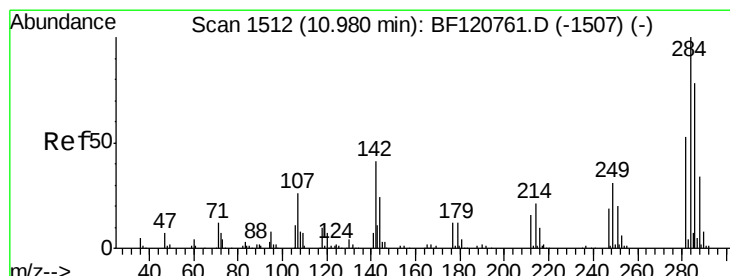
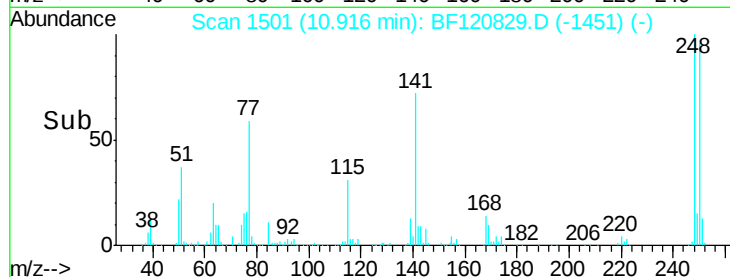
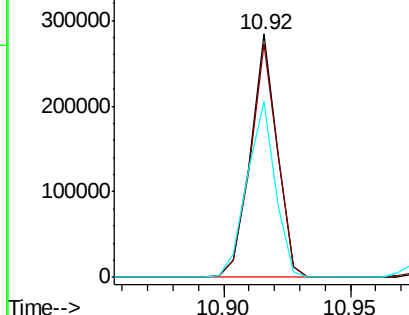
#67
 4-Bromophenyl-phenylether
 Concen: 45.194 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion:248 Resp: 208734
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.5 114.7
 141 72.3 54.9 82.3

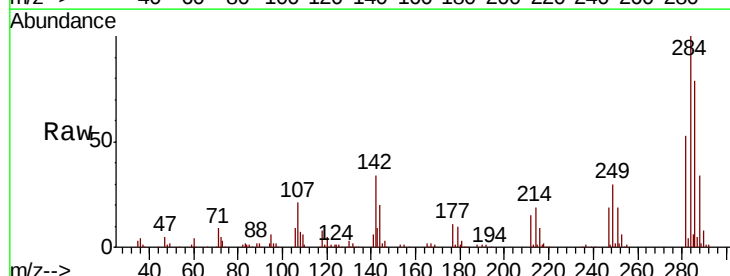


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

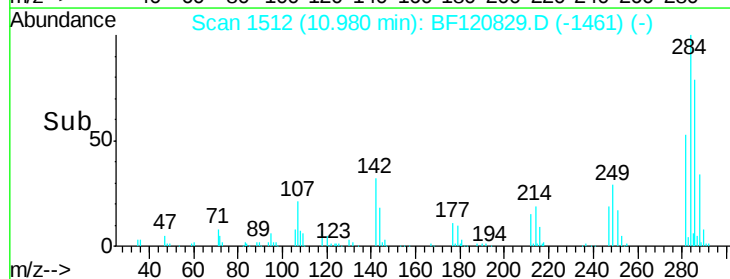
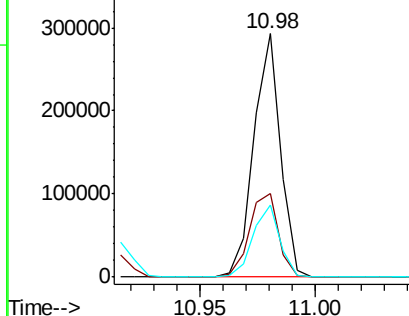


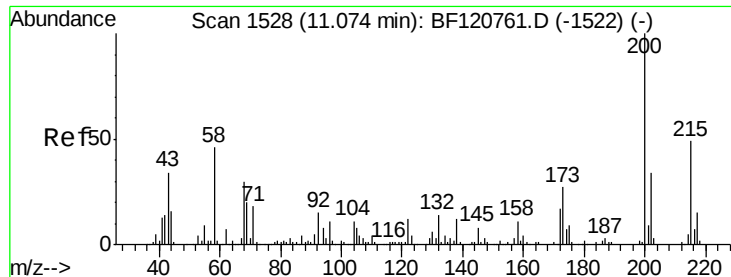
#68
 Hexachlorobenzene
 Concen: 48.661 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:284 Resp: 235834
 Ion Ratio Lower Upper
 284 100
 142 34.2 32.5 48.7
 249 29.7 24.8 37.2



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





#69

Atrazine

Concen: 51.114 ng

RT: 11.07 min Scan# 1527

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

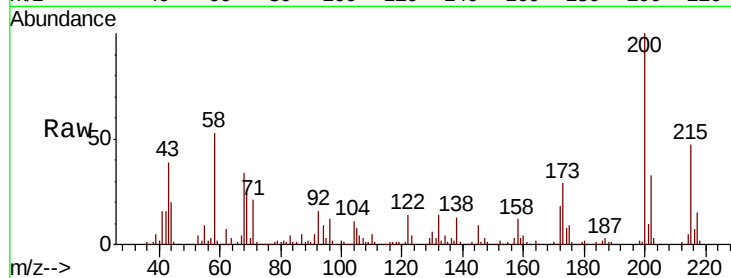
Tot Ion:200 Resp: 175731

Ion Ratio Lower Upper

200 100

173 28.5 7.4 47.4

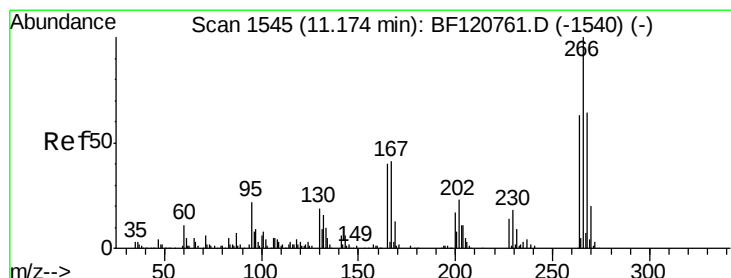
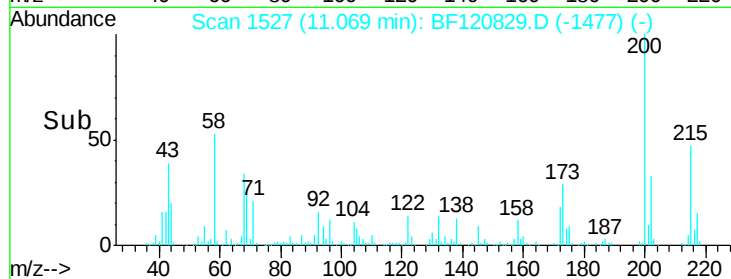
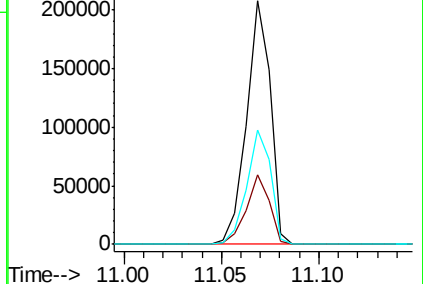
215 47.2 28.8 68.8



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: 98.604 ng

RT: 11.17 min Scan# 1544

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

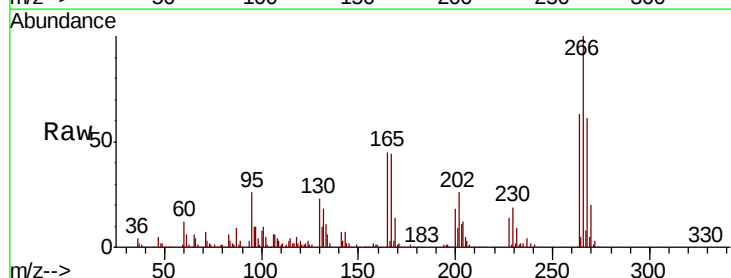
Tgt Ion:266 Resp: 270376

Ion Ratio Lower Upper

266 100

268 60.9 51.4 77.2

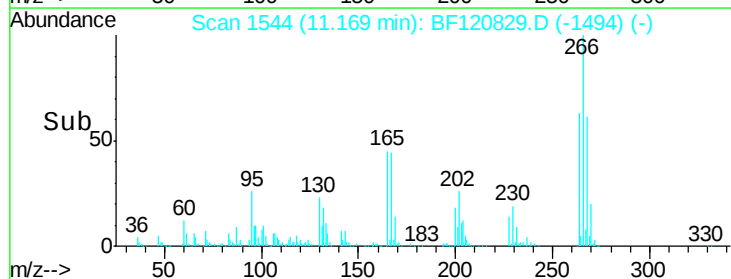
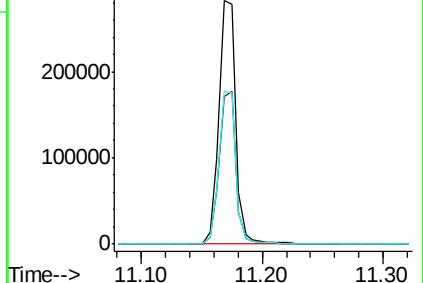
264 62.8 50.6 75.8

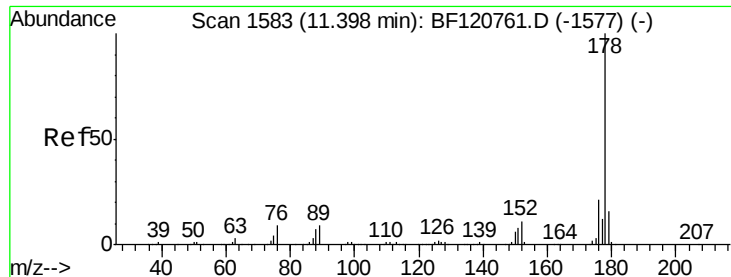


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

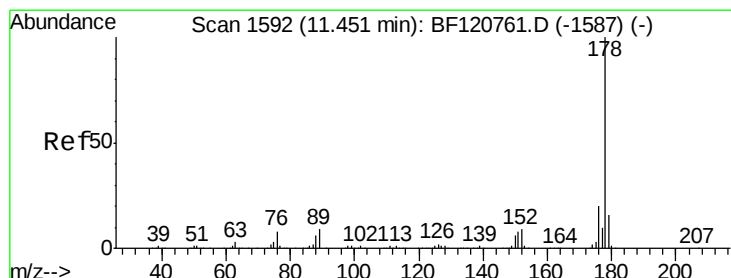
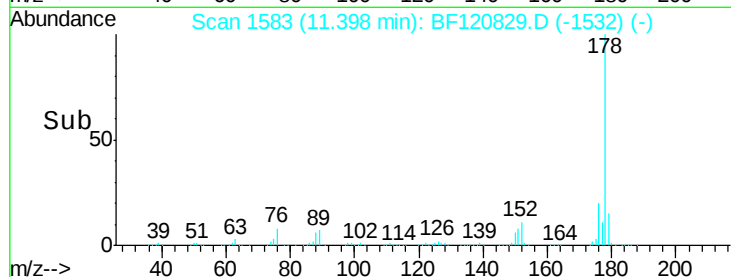
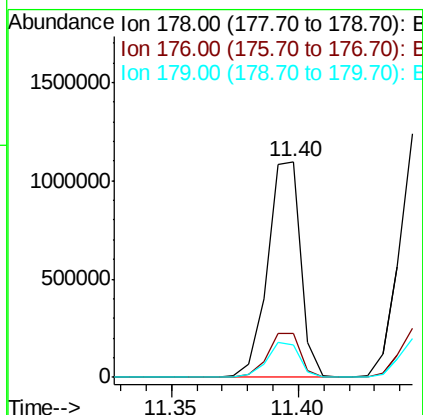
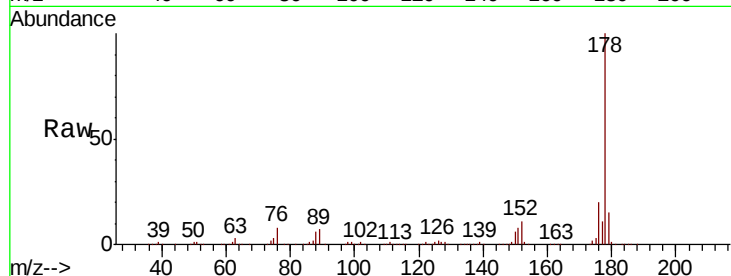




#71
Phenanthrene
Concen: 46.545 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

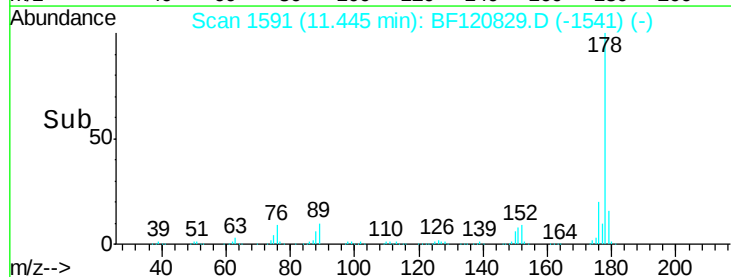
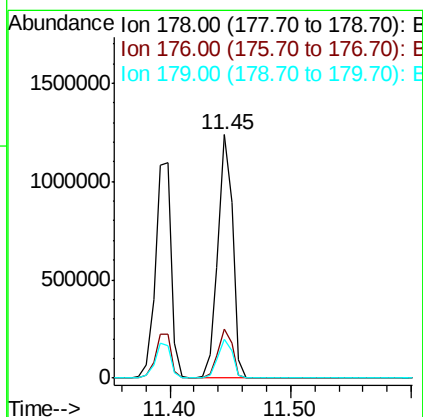
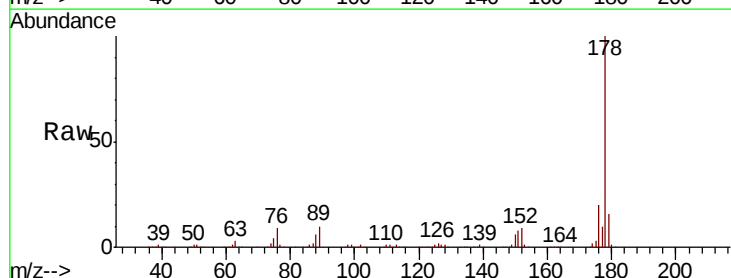
Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion:178 Resp: 1005533
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 15.3 12.9 19.3



#72
Anthracene
Concen: 47.383 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:178 Resp: 1034384
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 16.1 12.7 19.1

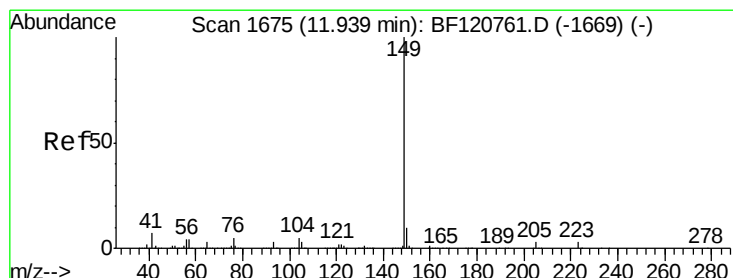
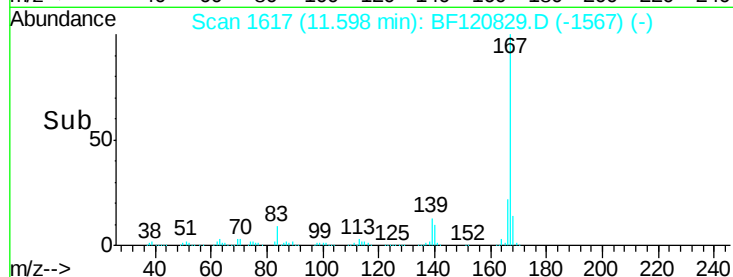
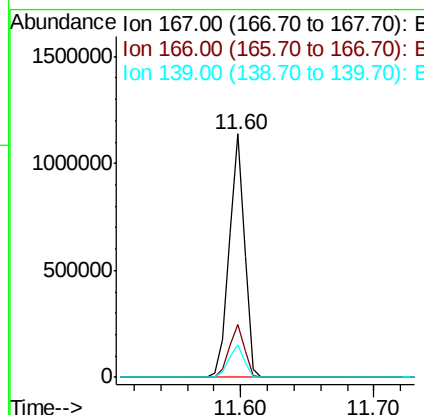
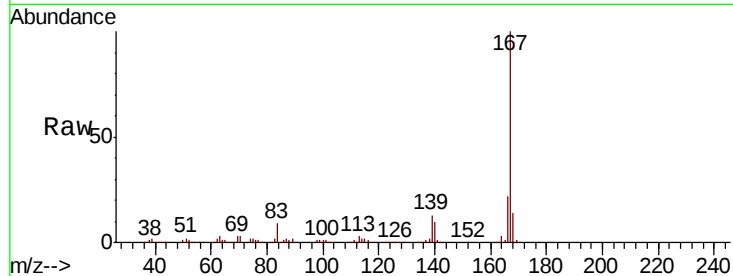




#73
 Carbazole
 Concen: 44.186 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

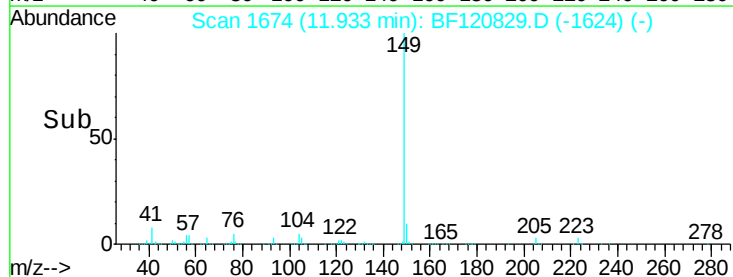
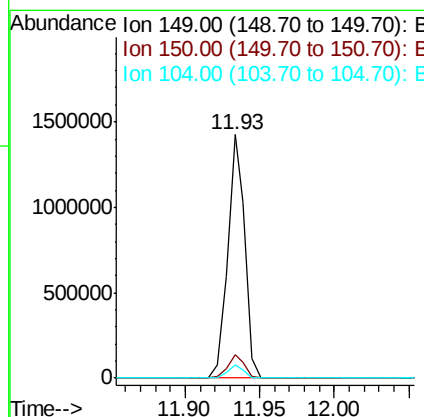
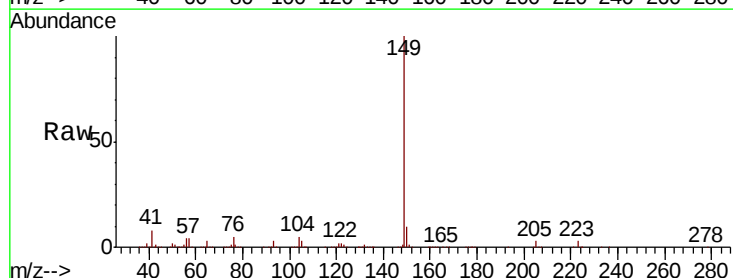
Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

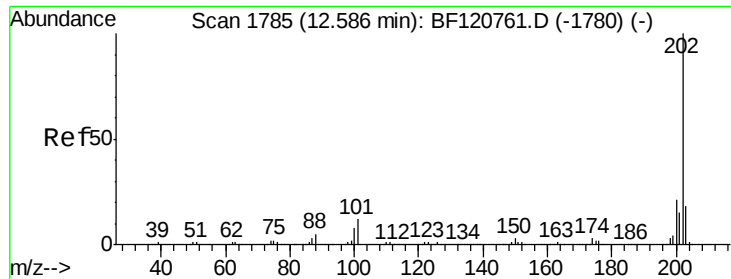
Tot Ion:167 Resp: 926946
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.8
 139 13.3 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 44.241 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:149 Resp: 1149035
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.7 11.5
 104 5.2 4.0 6.0



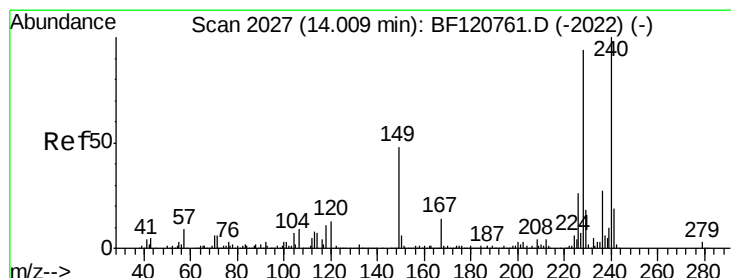
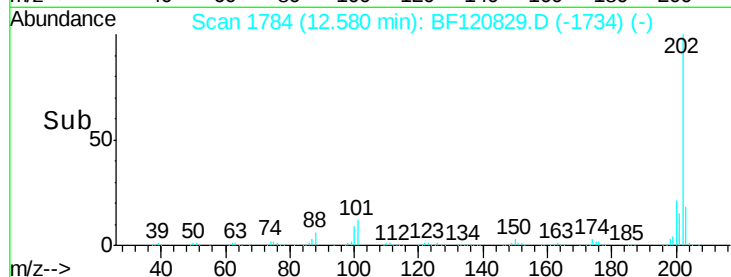
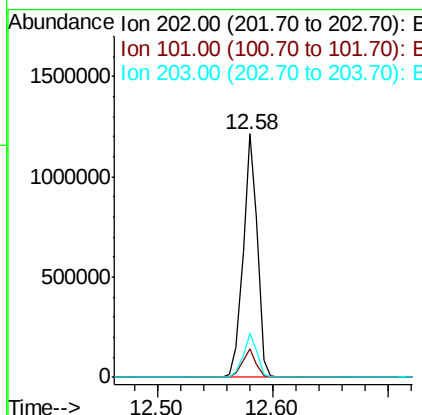
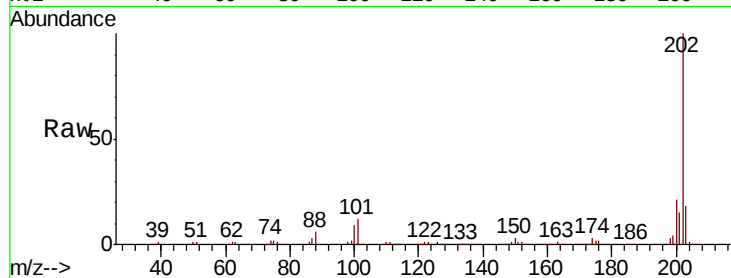


#75
 Fluoranthene
 Concen: 44.546 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Instrument :
 BNA_F
 ClientSampleId :
 PB130090BS

Tot Ion:202 Resp: 1025156

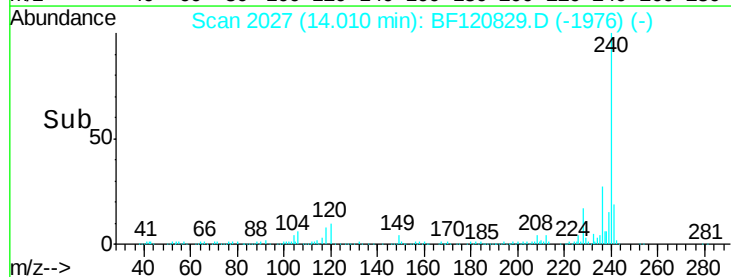
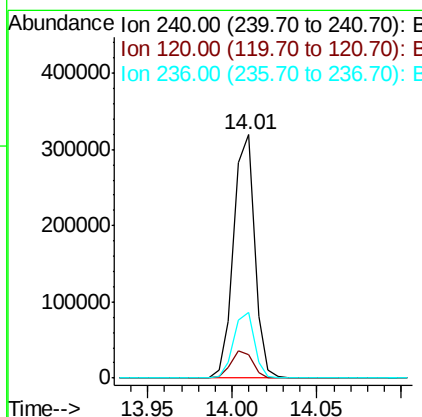
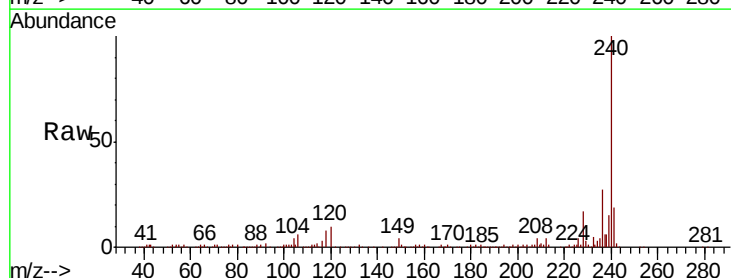
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.6
203	18.2	0.0	38.2

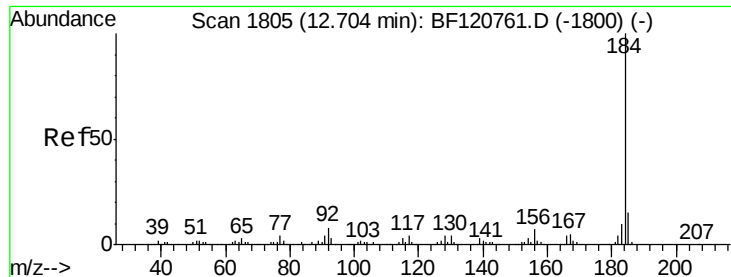


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF120829.D
 Acq: 10 Jul 2020 14:05

Tgt Ion:240 Resp: 277195

Ion	Ratio	Lower	Upper
240	100		
120	9.6	10.3	15.5#
236	26.8	21.4	32.2





#77

Benzidine

Concen: 57.100 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

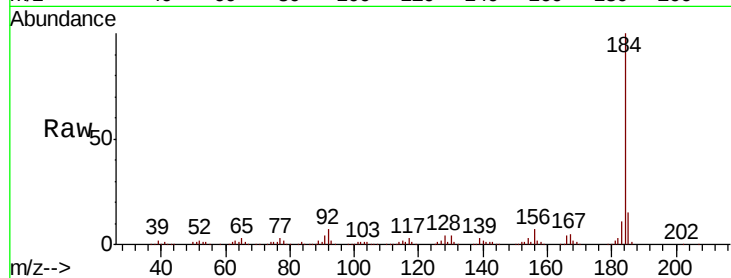
Tot Ion:184 Resp: 446755

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.8

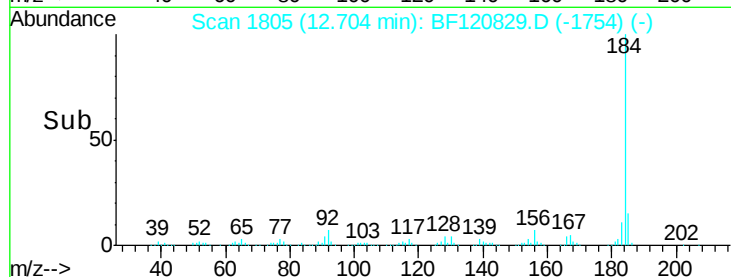
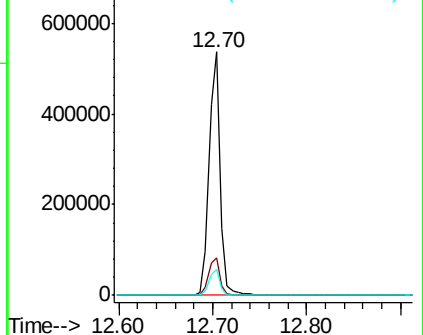
183 10.7 8.3 12.5



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: 47.098 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

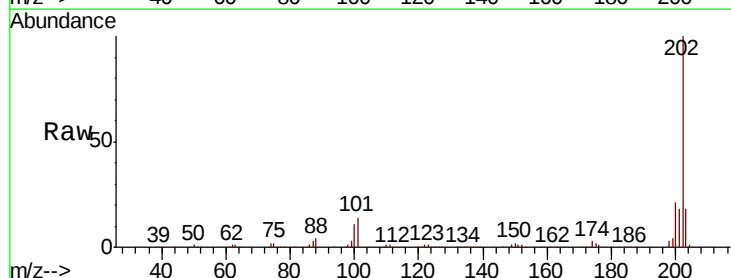
Tgt Ion:202 Resp: 1042670

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

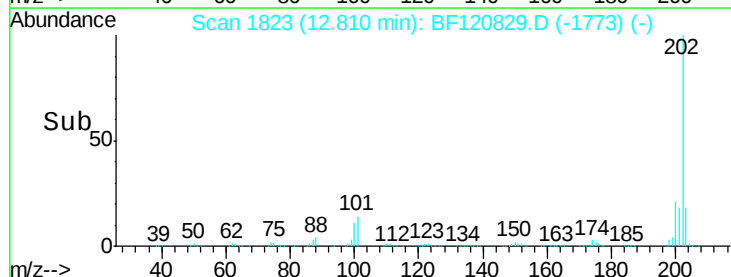
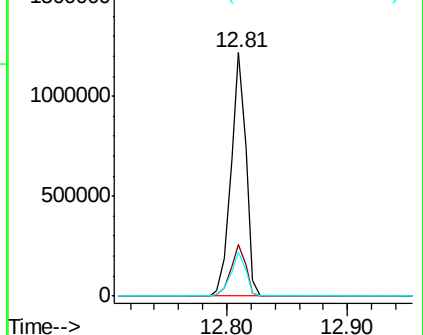
203 18.0 14.6 22.0



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: 107.714 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

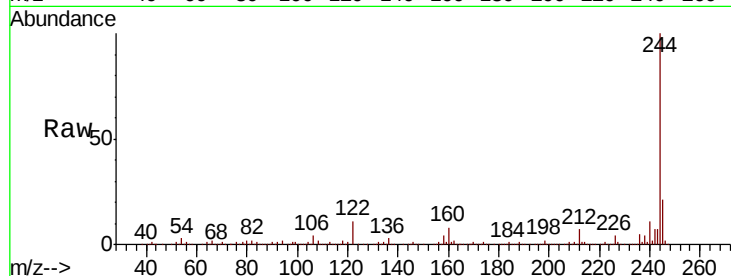
Tot Ion:244 Resp: 1525002

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

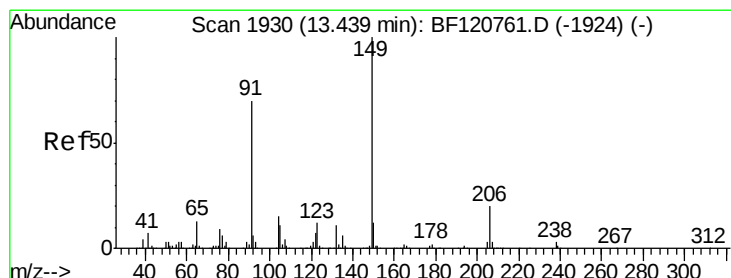
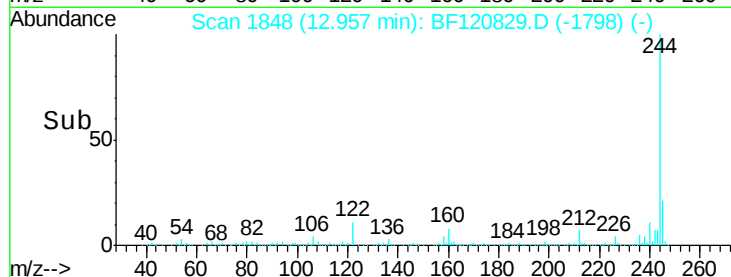
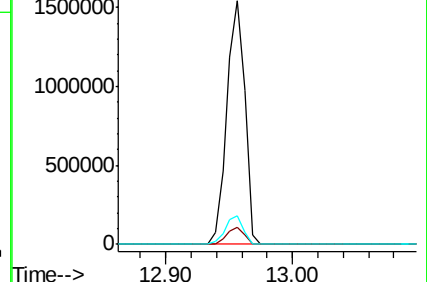
122 11.5 9.0 13.4



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: 43.477 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

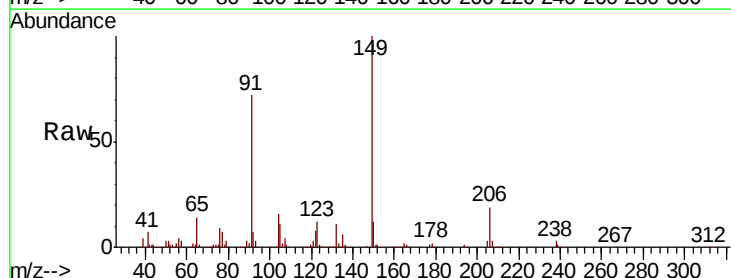
Tgt Ion:149 Resp: 415553

Ion Ratio Lower Upper

149 100

91 72.1 55.8 83.8

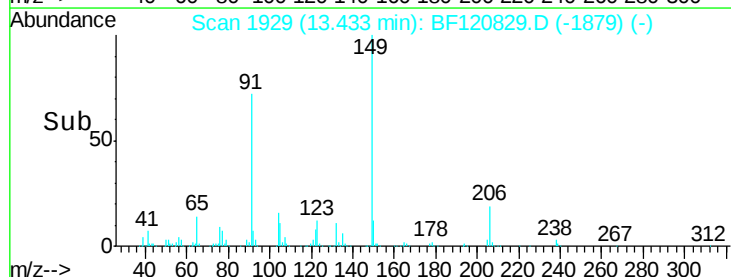
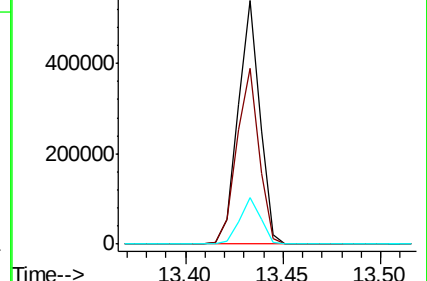
206 19.0 15.7 23.5

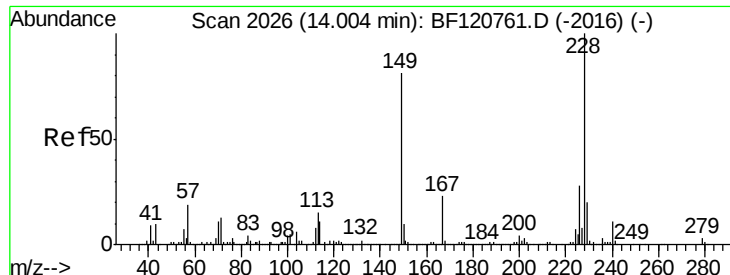


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.463 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

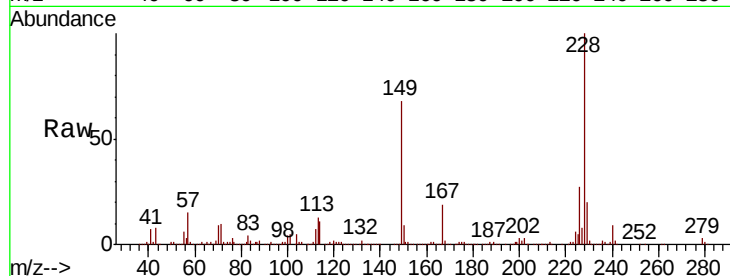
Tot Ion:228 Resp: 825580

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

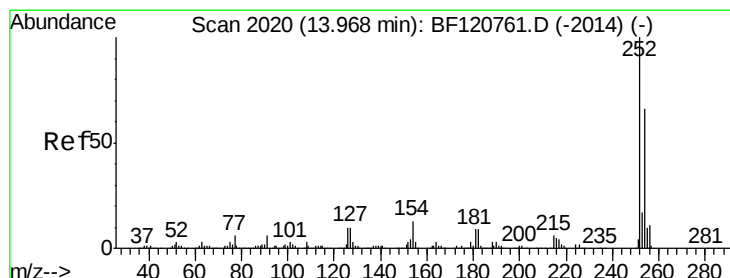
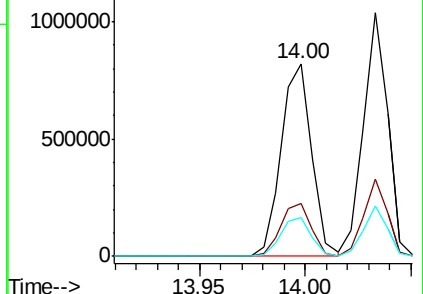
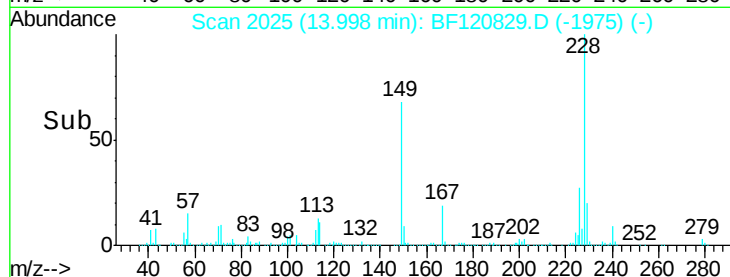
229 20.1 15.8 23.6



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: 33.063 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

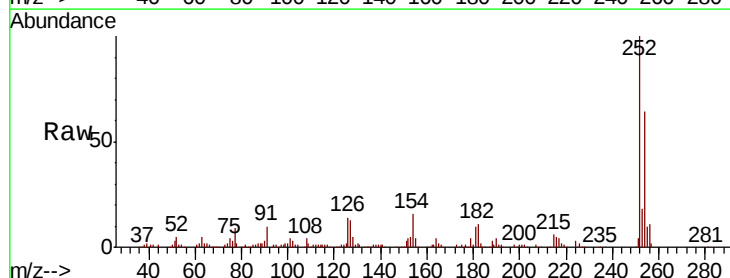
Tgt Ion:252 Resp: 198256

Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

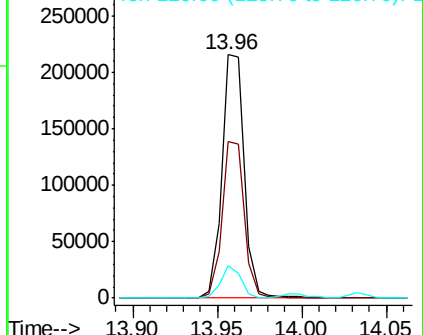
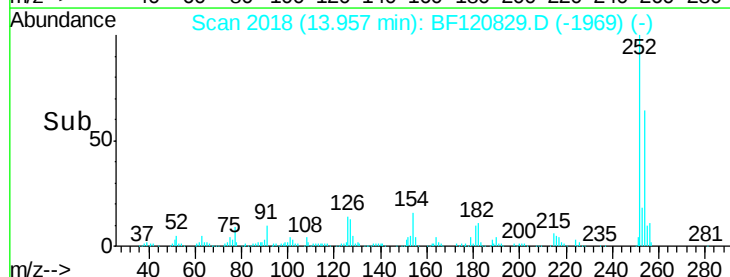
126 13.6 7.8 11.8#

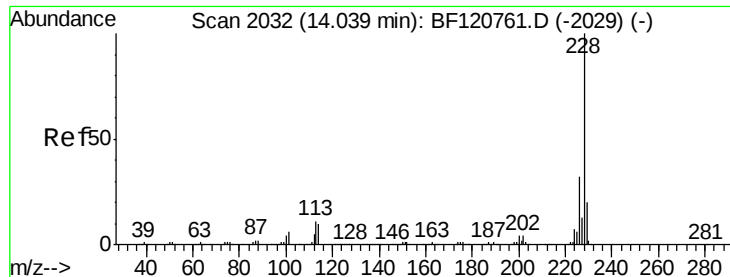


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.995 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

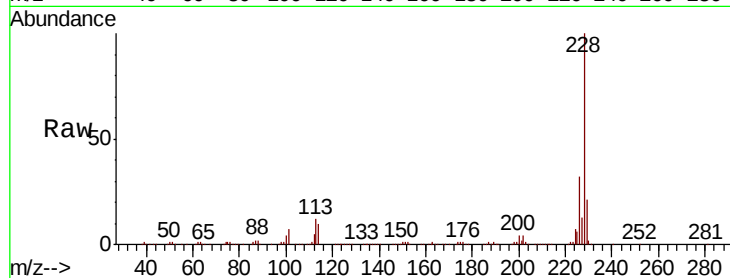
Tot Ion:228 Resp: 833635

Ion Ratio Lower Upper

228 100

226 31.9 25.7 38.5

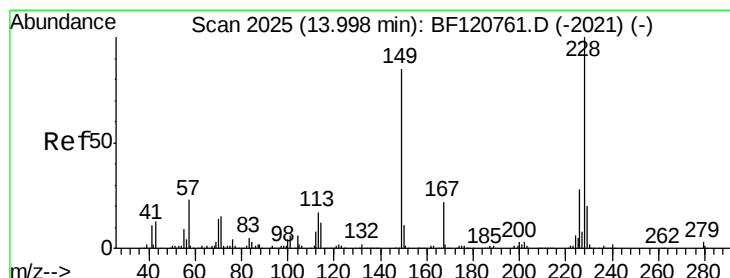
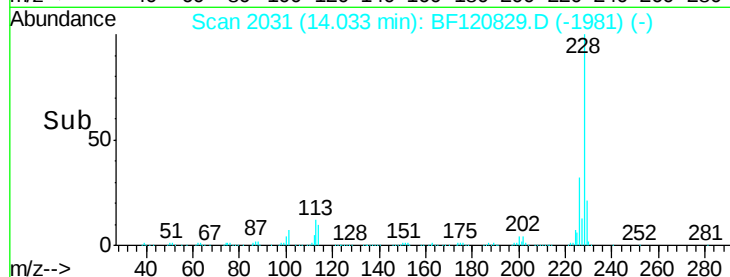
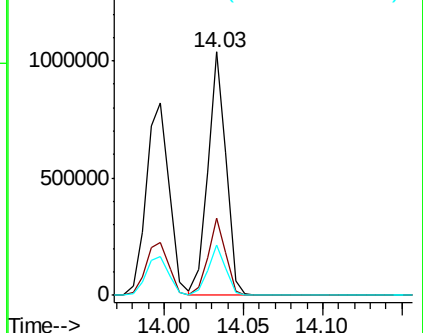
229 20.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.606 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

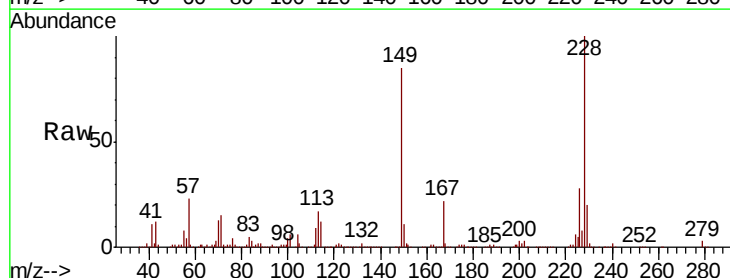
Tgt Ion:149 Resp: 559076

Ion Ratio Lower Upper

149 100

167 26.3 20.9 31.3

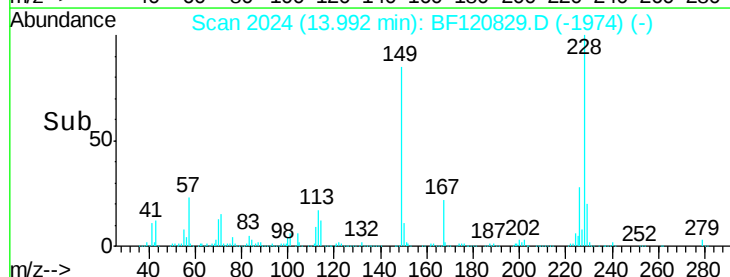
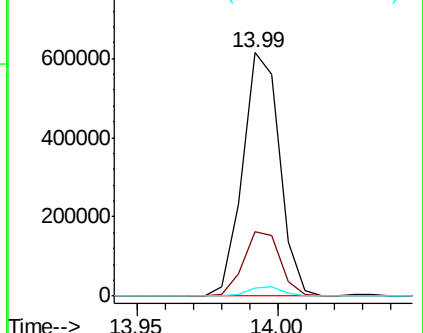
279 3.3 2.6 4.0



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

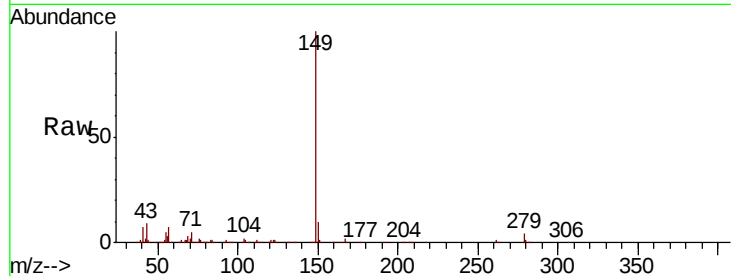




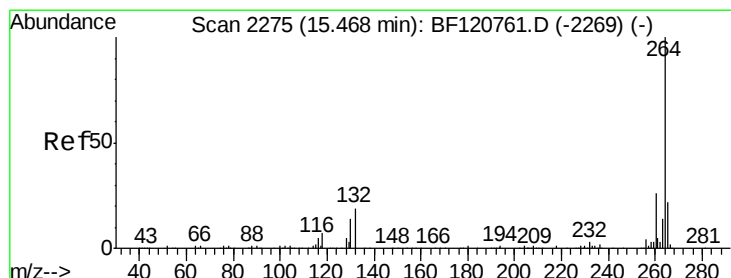
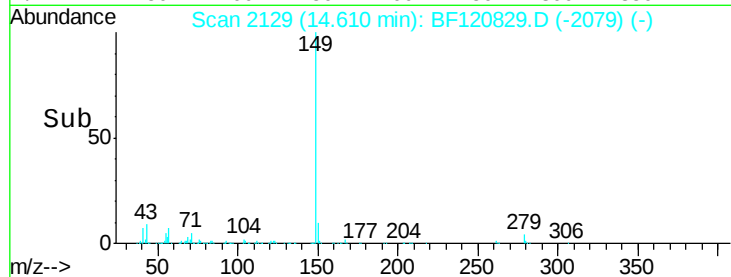
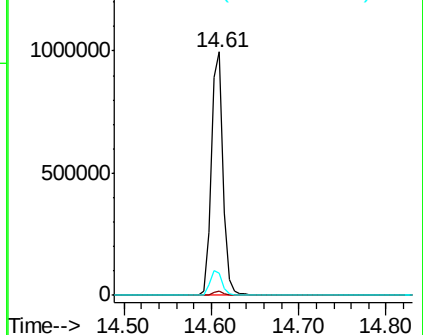
#85
Di-n-octyl phthalate
Concen: 41.503 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	8.7	13.1

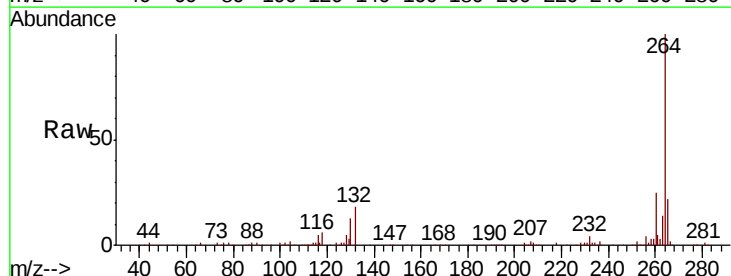


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

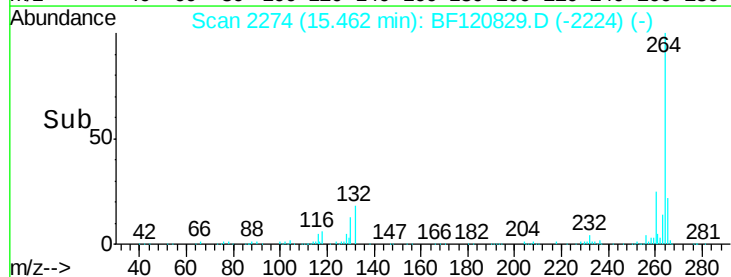
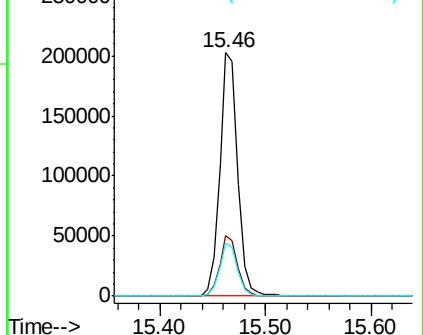


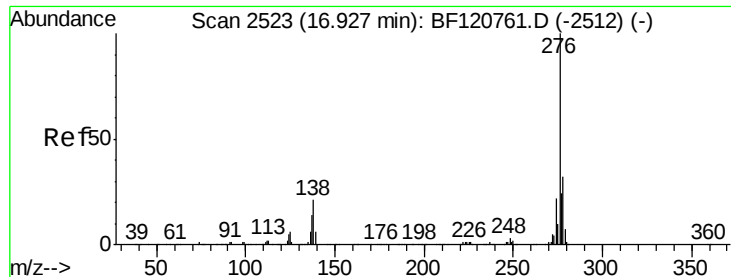
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.6	30.8
265	21.7	17.6	26.4



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: 51.149 ng

RT: 16.92 min Scan# 2522

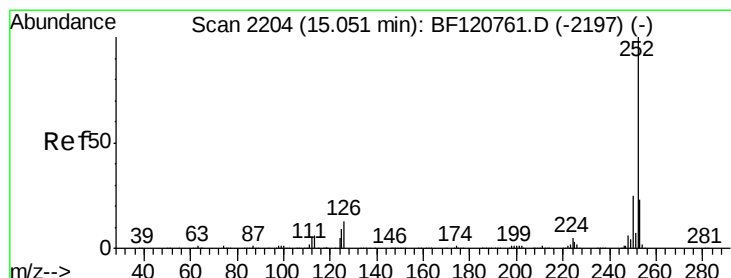
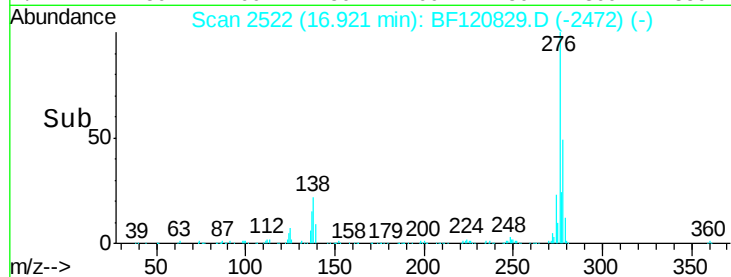
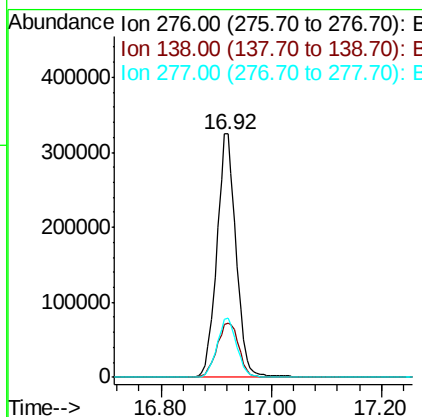
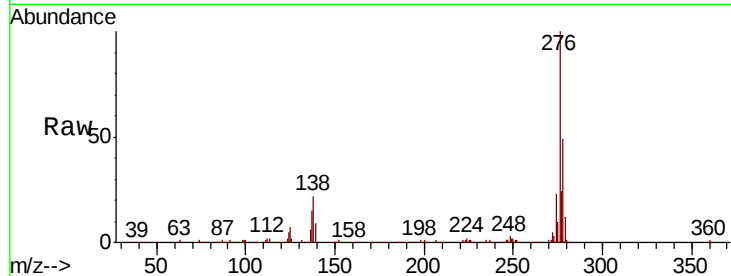
Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :
BNA_F
ClientSampleId :
PB130090BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.6	19.8	29.8
277	24.9	19.9	29.9



#88

Benzo(b)fluoranthene

Concen: 46.021 ng

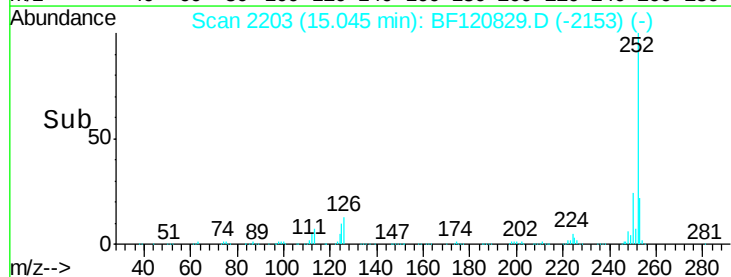
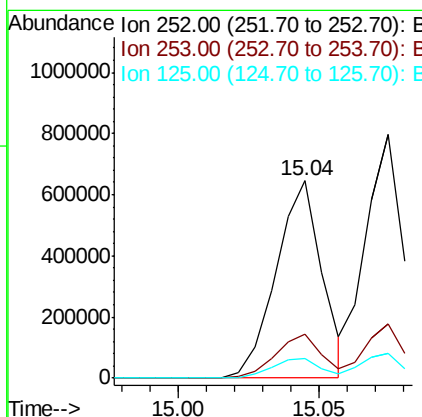
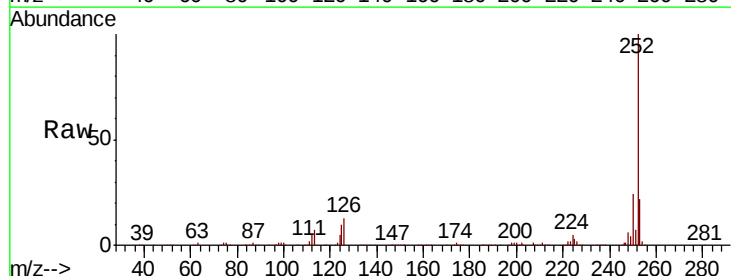
RT: 15.04 min Scan# 2203

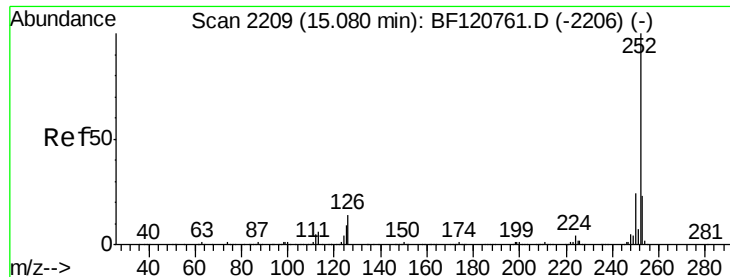
Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	9.7	7.5	11.3

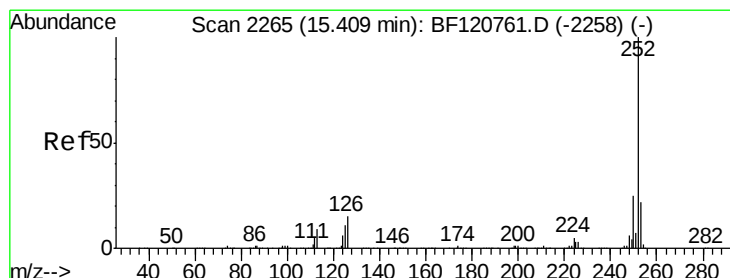
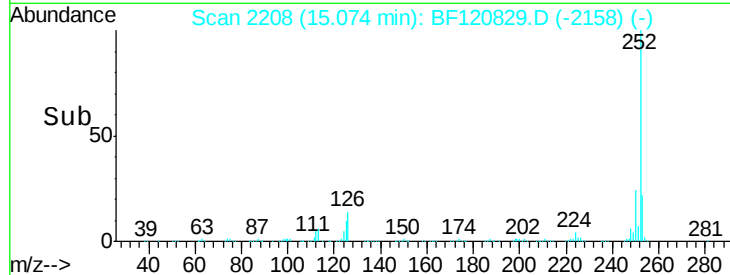
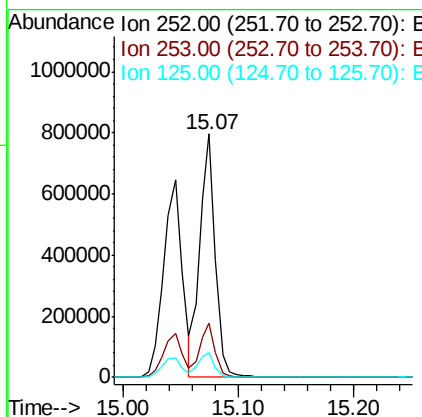
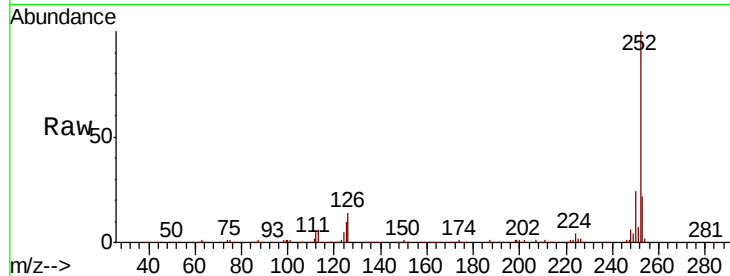




#89
Benzo(k)fluoranthene
Concen: 48.579 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

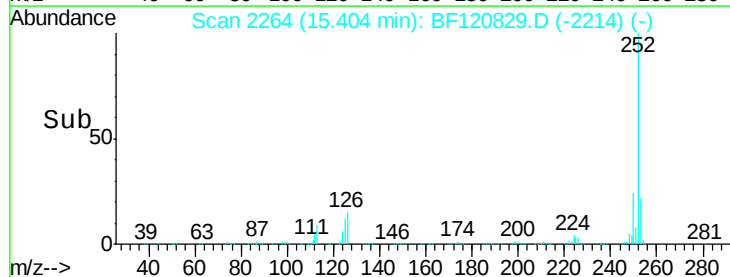
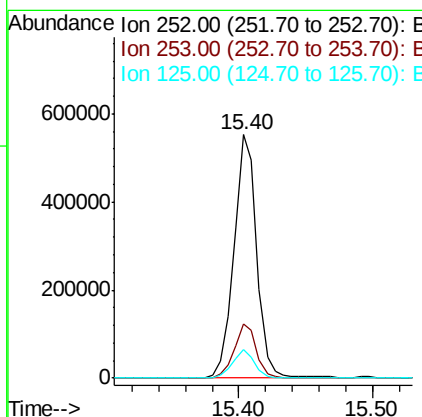
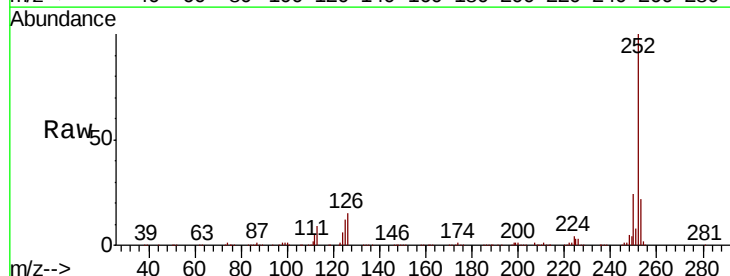
Instrument :
BNA_F
ClientSampleId :
PB130090BS

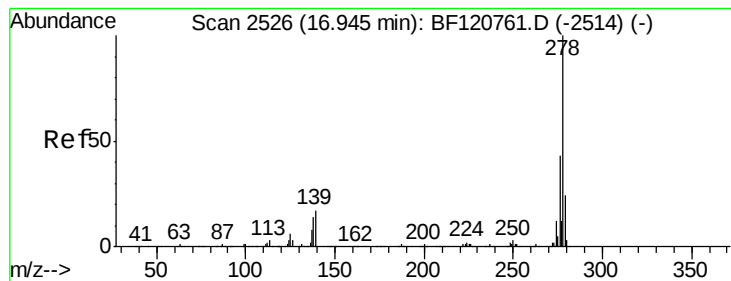
Tot Ion:252 Resp: 748109
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.9 7.6 11.4



#90
Benzo(a)pyrene
Concen: 46.681 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF120829.D
Acq: 10 Jul 2020 14:05

Tgt Ion:252 Resp: 659037
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 11.6 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 52.539 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

Instrument :

BNA_F

ClientSampleId :

PB130090BS

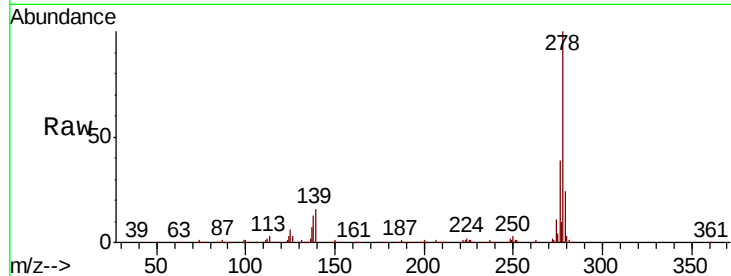
Tot Ion:278 Resp: 676146

Ion Ratio Lower Upper

278 100

139 15.8 13.3 19.9

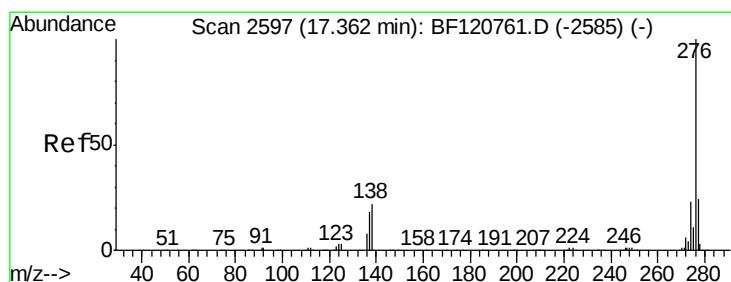
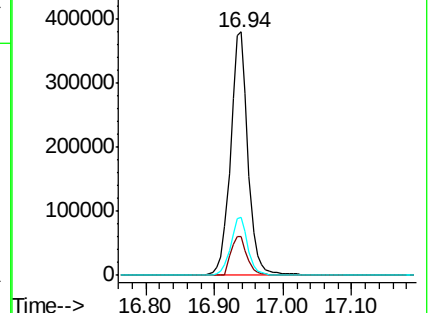
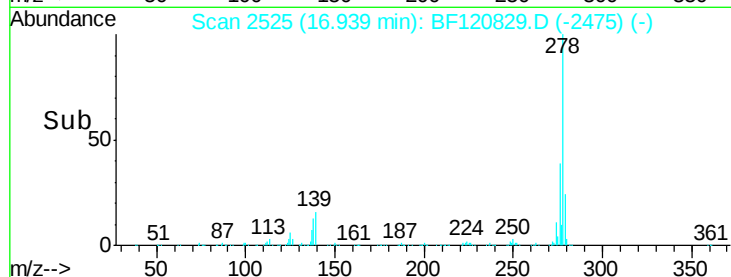
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.378 ng

RT: 17.36 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BF120829.D

Acq: 10 Jul 2020 14:05

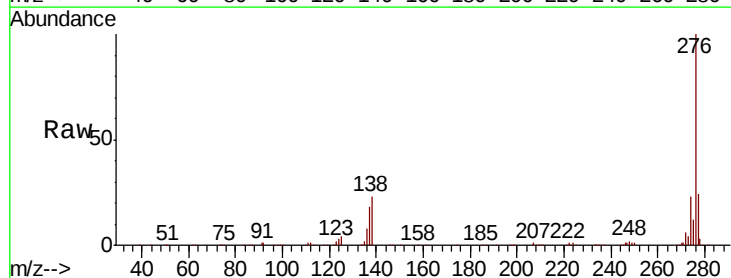
Tgt Ion:276 Resp: 616063

Ion Ratio Lower Upper

276 100

277 24.2 18.8 28.2

138 22.6 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

