

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120831.D
 Acq On : 10 Jul 2020 15:03
 Operator : JU/CG
 Sample : PB130117BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Quant Time: Jul 10 15:24:31 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	153717	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	574928	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	280466	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	485579	20.00	ng	0.00
76) Chrysene-d12	14.01	240	328635	20.00	ng	0.00
86) Perylene-d12	15.47	264	277222	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1371399	137.72	ng	0.01
7) Phenol-d6	6.48	99	1675897	131.79	ng	0.00
23) Nitrobenzene-d5	7.42	82	1077388	108.57	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	423464	150.29	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1779578	96.00	ng	0.00
79) Terphenyl-d14	12.96	244	1771858	105.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	186587	41.019	ng	100
3) Pyridine	3.39	79	514246	41.273	ng	99
4) n-Nitrosodimethylamine	3.35	42	276453	44.352	ng	# 98
6) Aniline	6.51	93	633755	38.805	ng	99
8) 2-Chlorophenol	6.63	128	486937	45.929	ng	97
9) Benzaldehyde	6.39	77	155685	20.584	ng	97
10) Phenol	6.49	94	616449	47.122	ng	99
11) bis(2-Chloroethyl)ether	6.59	93	479653	45.058	ng	97
12) 1,3-Dichlorobenzene	6.79	146	523915	44.896	ng	98
13) 1,4-Dichlorobenzene	6.87	146	523681	44.805	ng	99
14) 1,2-Dichlorobenzene	7.02	146	490463	44.106	ng	99
15) Benzyl Alcohol	6.99	79	404359	42.320	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	705822	42.509	ng	99
17) 2-Methylphenol	7.10	107	395635	41.714	ng	98
18) Hexachloroethane	7.36	117	203199	46.255	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	329984	43.096	ng	97
20) 3+4-Methylphenols	7.25	107	470564	40.283	ng	96
22) Acetophenone	7.26	105	639630	44.759	ng	# 91
24) Nitrobenzene	7.43	77	516746	46.379	ng	96
25) Isophorone	7.67	82	919676	42.975	ng	97
26) 2-Nitrophenol	7.75	139	231961	49.396	ng	96
27) 2,4-Dimethylphenol	7.78	122	402995	47.174	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	584922	46.182	ng	99
29) 2,4-Dichlorophenol	7.99	162	388573	45.563	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	440532	45.990	ng	98
31) Naphthalene	8.16	128	1366746	44.482	ng	100
32) Benzoic acid	7.90	122	257724	43.135	ng	94
33) 4-Chloroaniline	8.20	127	307764	23.605	ng	97
34) Hexachlorobutadiene	8.27	225	256507	44.525	ng	99
35) Caprolactam	8.57	113	64584	25.990	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	400305	45.124	ng	92
37) 2-Methylnaphthalene	8.85	142	897759	44.947	ng	99
38) 1-Methylnaphthalene	8.95	142	854274	45.660	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	381466	45.003	ng	99

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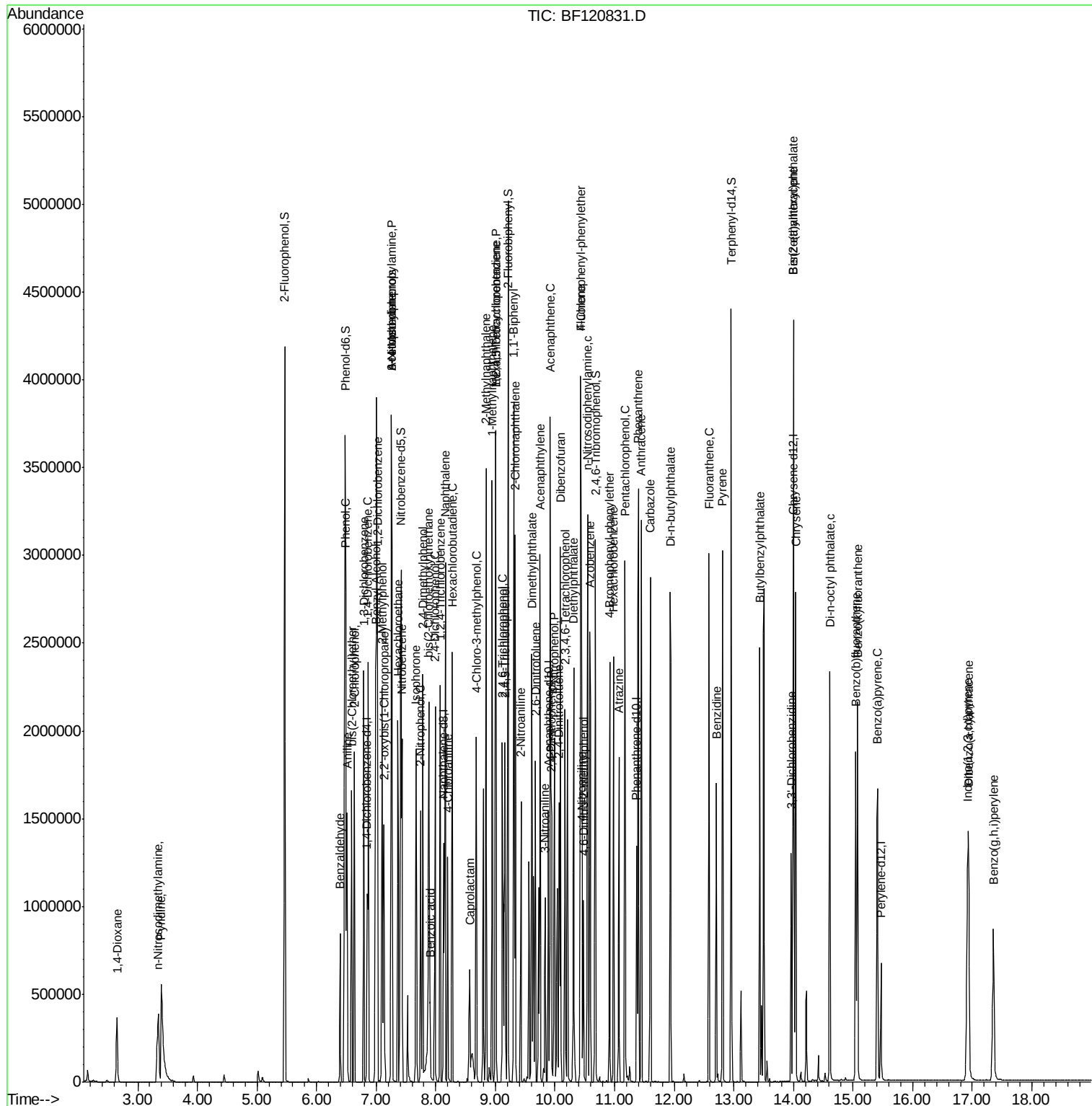
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	484015	96.646	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	268934	46.561	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	285377	44.521	nq	97
46) 1,1'-Biphenyl	9.31	154	1044059	46.150	nq	99
47) 2-Chloronaphthalene	9.33	162	825480	45.546	nq	99
48) 2-Nitroaniline	9.43	65	253291	46.746	nq	96
49) Acenaphthylene	9.75	152	1274879	44.866	nq	100
50) Dimethylphthalate	9.61	163	918526	44.895	nq	99
51) 2,6-Dinitrotoluene	9.67	165	197740	48.601	nq	90
52) Acenaphthene	9.92	154	860882	48.836	nq	98
53) 3-Nitroaniline	9.83	138	137400	28.473	nq	98
54) 2,4-Dinitrophenol	9.94	184	160305	97.802	nq	95
55) Dibenzofuran	10.09	168	1154332	45.428	nq	99
56) 4-Nitrophenol	9.99	139	343340	91.205	nq	98
57) 2,4-Dinitrotoluene	10.07	165	264268	51.909	nq	93
58) Fluorene	10.43	166	855197	45.217	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	225084	47.188	nq	99
60) Diethylphthalate	10.31	149	935597	43.898	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	410753	43.201	nq	98
62) 4-Nitroaniline	10.45	138	210323	48.383	nq	95
63) Azobenzene	10.59	77	961236	44.089	nq	99
65) 4,6-Dinitro-2-methylphenol	10.47	198	107102	51.801	nq	95
66) n-Nitrosodiphenylamine	10.55	169	780250	47.940	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	257339	45.686	nq	95
68) Hexachlorobenzene	10.98	284	286136	48.410	nq	96
69) Atrazine	11.07	200	213978	51.033	nq	99
70) Pentachlorophenol	11.17	266	324241	96.958	nq	99
71) Phenanthrene	11.40	178	1195503	45.375	nq	100
72) Anthracene	11.45	178	1234951	46.385	nq	100
73) Carbazole	11.60	167	1122366	43.869	nq	100
74) Di-n-butylphthalate	11.93	149	1374783	43.402	nq	99
75) Fluoranthene	12.58	202	1252255	44.617	nq	99
77) Benzidine	12.70	184	544476	58.697	nq	98
78) Pyrene	12.81	202	1258701	47.957	nq	99
80) Butylbenzylphthalate	13.43	149	508214	44.849	nq	98
81) Benzo(a)anthracene	14.00	228	970710	46.079	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	227464	31.996	nq	97
83) Chrysene	14.04	228	1005589	46.798	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	654702	44.059	nq	99
85) Di-n-octyl phthalate	14.61	149	1120005	42.605	nq	99
87) Indeno(1,2,3-cd)pyrene	16.92	276	912969	51.344	nq	99
88) Benzo(b)fluoranthene	15.04	252	861022	47.243	nq	99
89) Benzo(k)fluoranthene	15.07	252	895738	50.509	nq	99
90) Benzo(a)pyrene	15.41	252	777443	47.819	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	776999	52.428	nq	99
92) Benzo(g,h,i)perylene	17.36	276	715682	52.838	nq	99

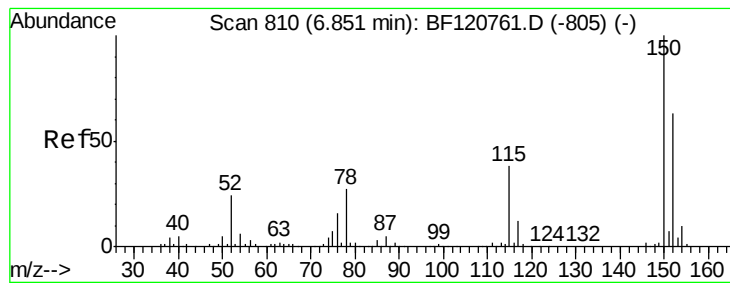
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 5      Sample Multiplier: 1
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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: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

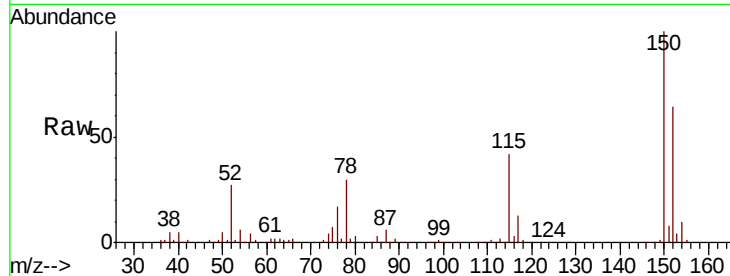
Tot Ion:152 Resp: 153717

Ion Ratio Lower Upper

152 100

150 155.3 126.1 189.1

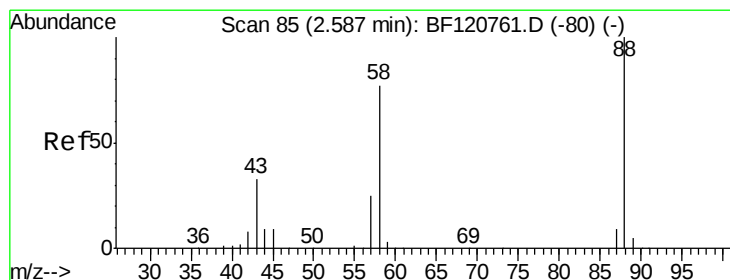
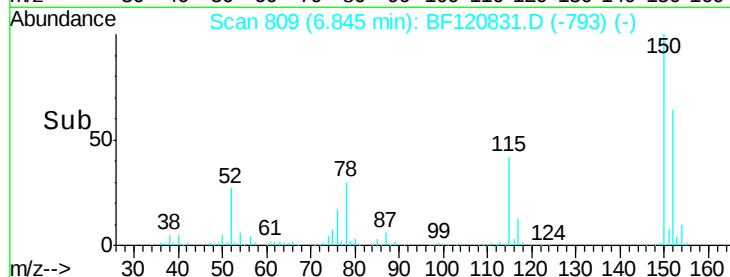
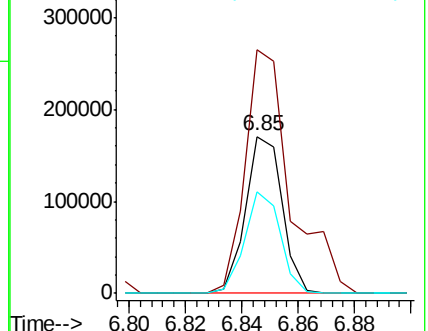
115 64.5 48.5 72.7



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: 41.019 ng

RT: 2.65 min Scan# 96

Delta R.T. 0.06 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

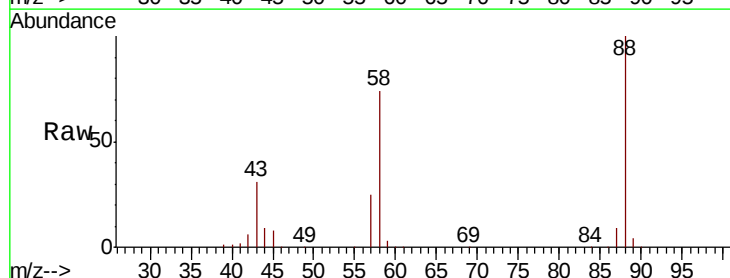
Tgt Ion: 88 Resp: 186587

Ion Ratio Lower Upper

88 100

58 75.6 60.4 90.6

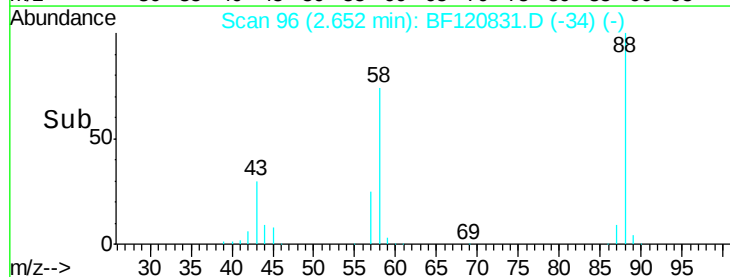
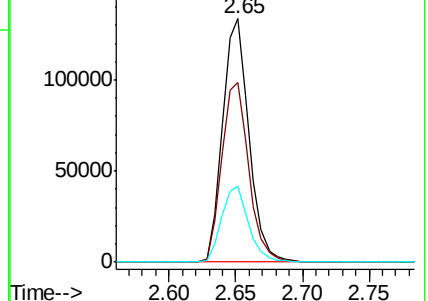
43 32.9 26.3 39.5

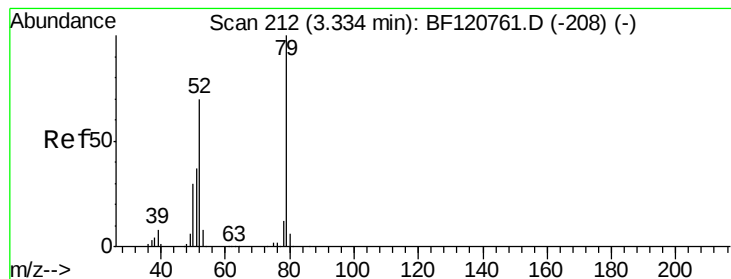


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.273 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

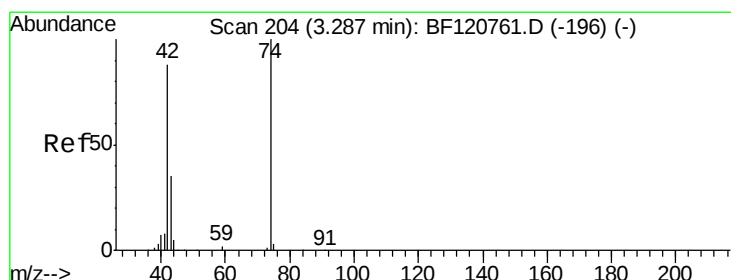
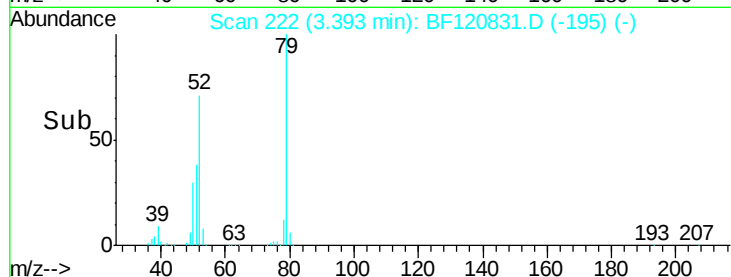
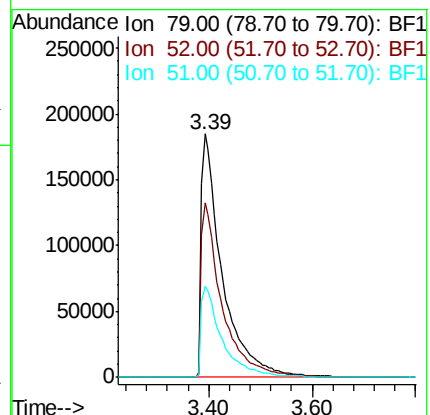
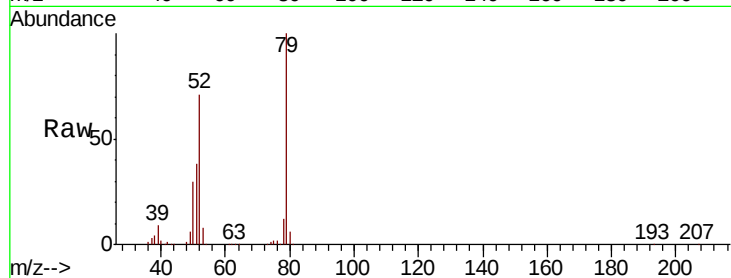
Tot Ion: 79 Resp: 514246

Ion Ratio Lower Upper

79 100

52 71.4 56.3 84.5

51 37.5 30.1 45.1



#4

n-Nitrosodimethylamine

Concen: 44.352 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.06 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

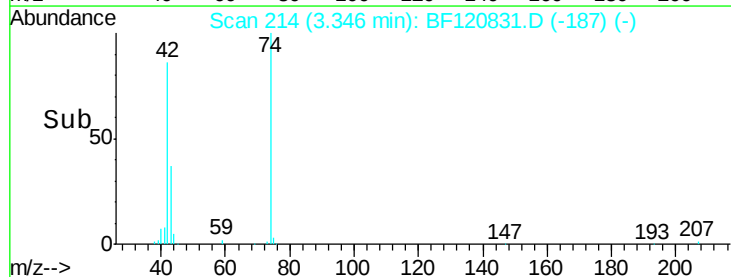
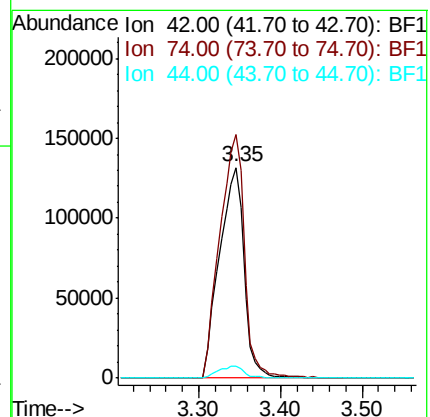
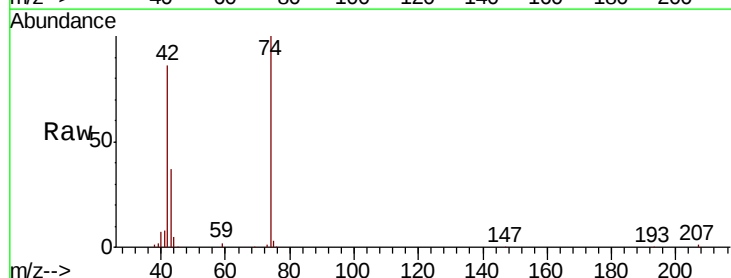
Tgt Ion: 42 Resp: 276453

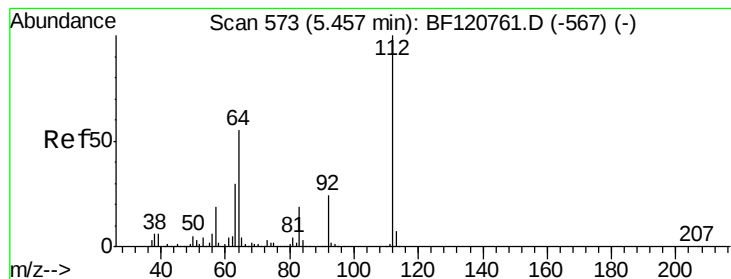
Ion Ratio Lower Upper

42 100

74 115.6 90.8 136.2

44 5.7 5.8 8.8#





#5

2-Fluorophenol

Concen: 137.718 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF120831.D

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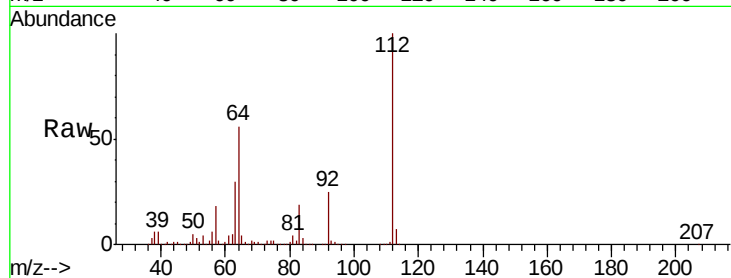
Tot Ion:112 Resp: 1371399

Ion Ratio Lower Upper

112 100

64 55.7 43.8 65.6

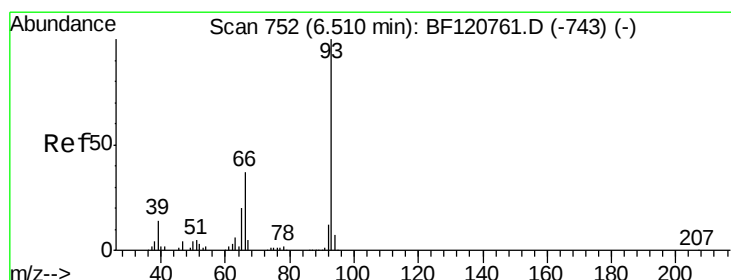
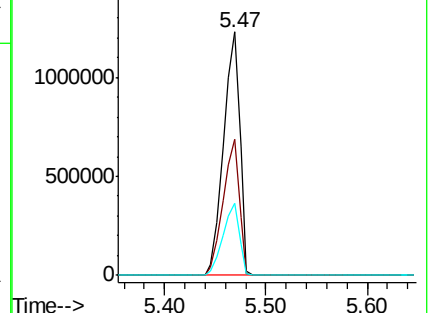
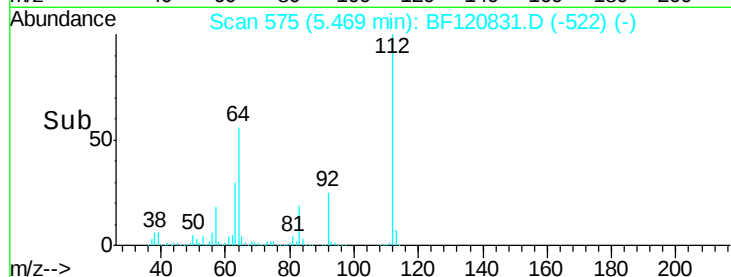
63 29.5 23.6 35.4



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: 38.805 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

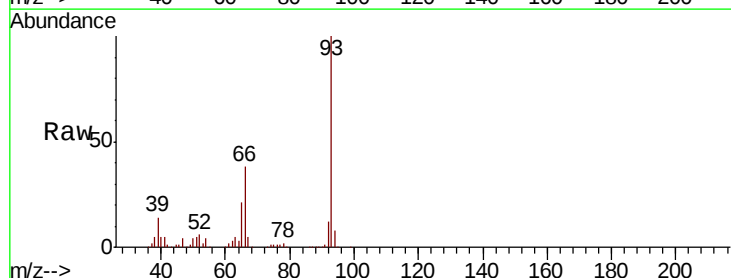
Tgt Ion: 93 Resp: 633755

Ion Ratio Lower Upper

93 100

66 38.3 31.3 46.9

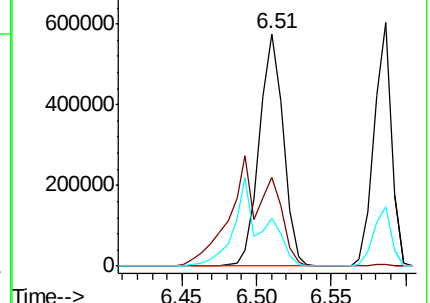
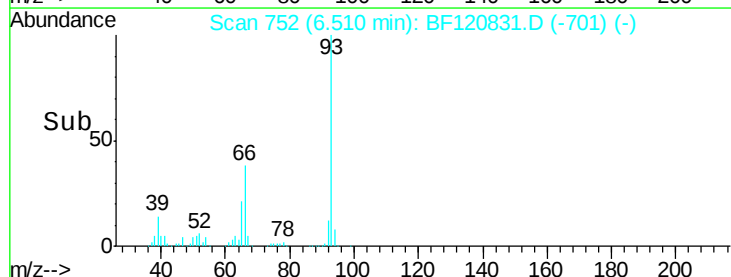
65 20.5 16.5 24.7

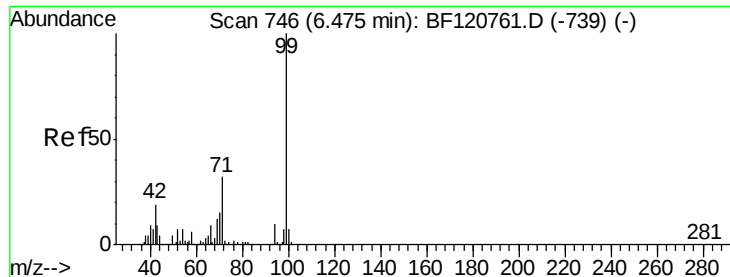


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.786 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

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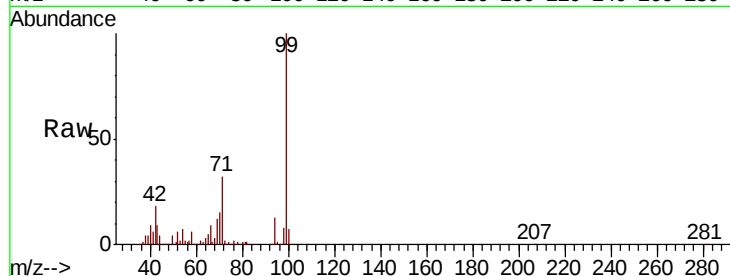
Tot Ion: 99 Resp: 1675897

Ion Ratio Lower Upper

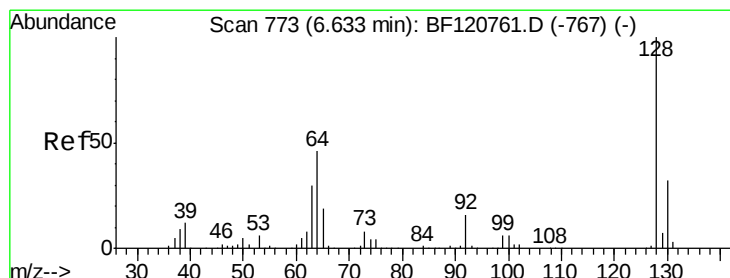
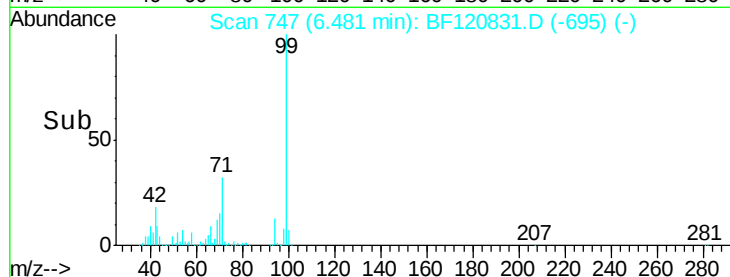
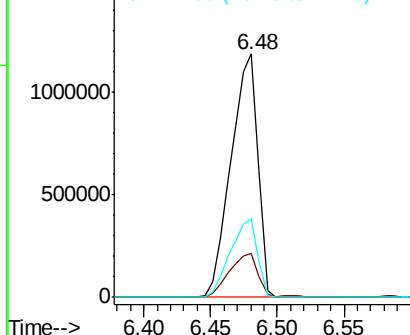
99 100

42 17.8 15.4 23.0

71 32.1 25.9 38.9



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



#8

2-Chlorophenol

Concen: 45.929 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

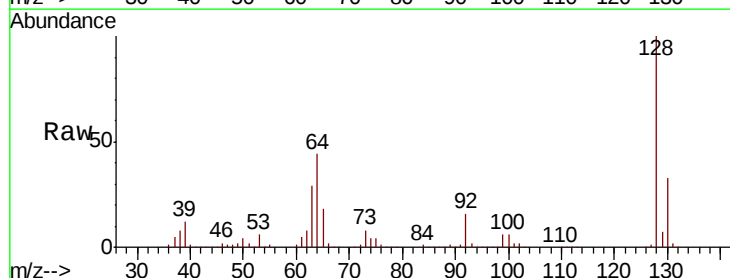
Tgt Ion: 128 Resp: 486937

Ion Ratio Lower Upper

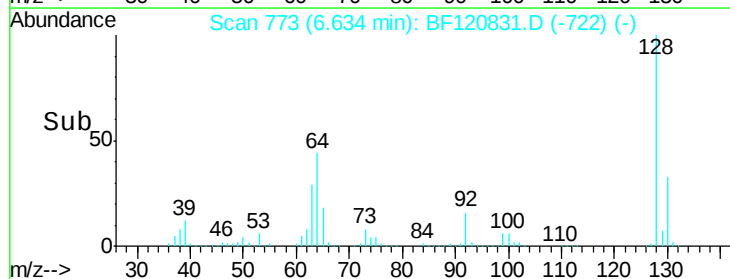
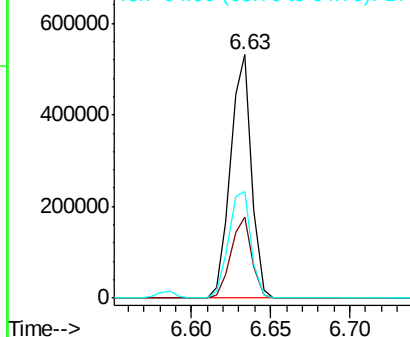
128 100

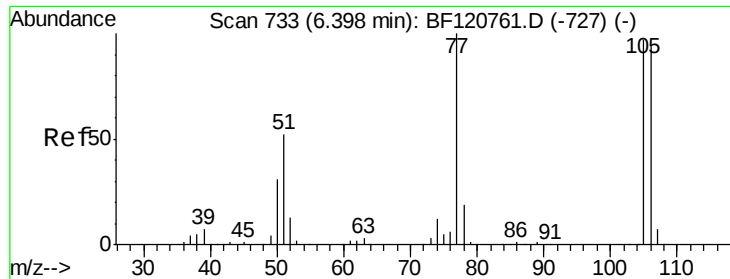
130 33.1 12.1 52.1

64 43.9 26.3 66.3



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





#9

Benzaldehyde

Concen: 20.584 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

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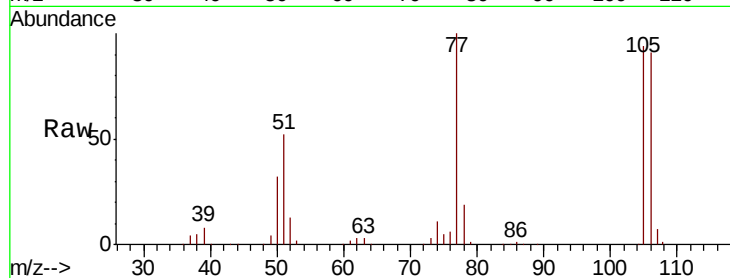
Tot Ion: 77 Resp: 155685

Ion Ratio Lower Upper

77 100

105 93.7 76.8 116.8

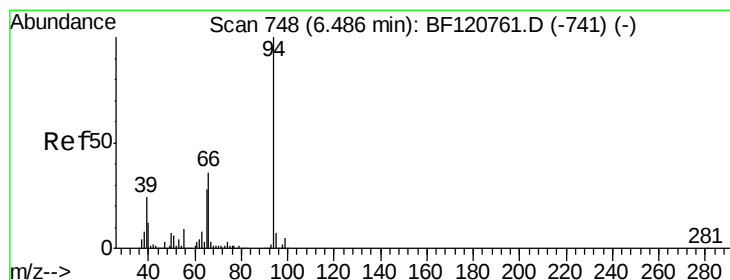
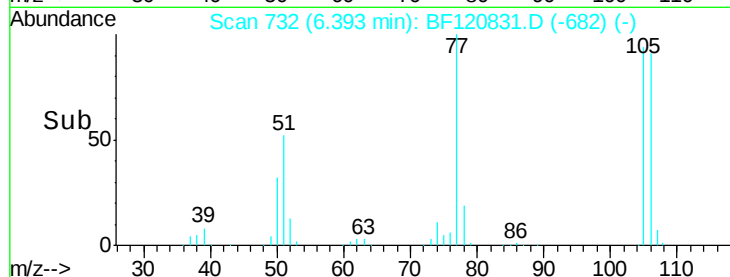
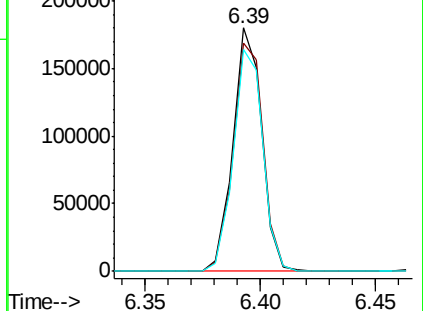
106 91.0 73.8 113.8



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: 47.122 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

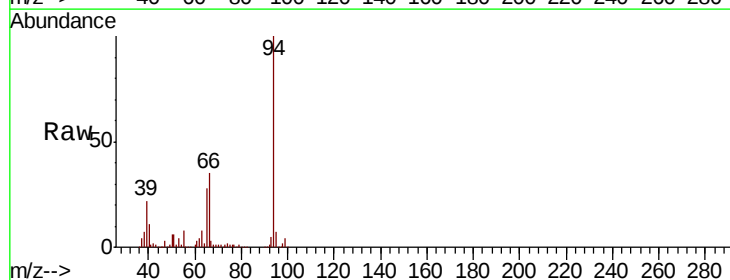
Tgt Ion: 94 Resp: 616449

Ion Ratio Lower Upper

94 100

65 28.3 8.4 48.4

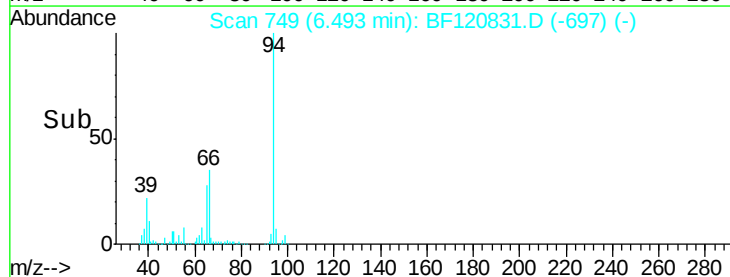
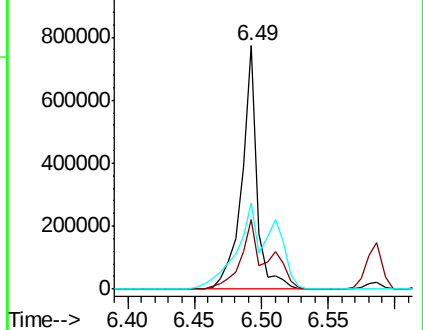
66 35.5 16.5 56.5

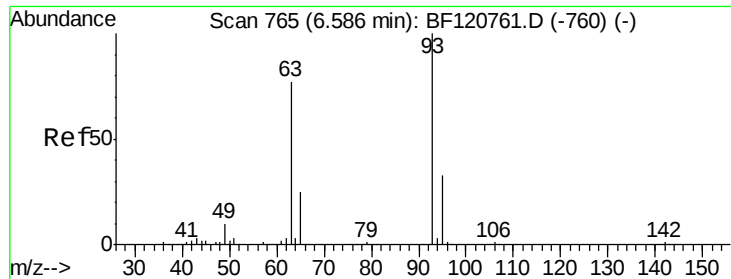


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

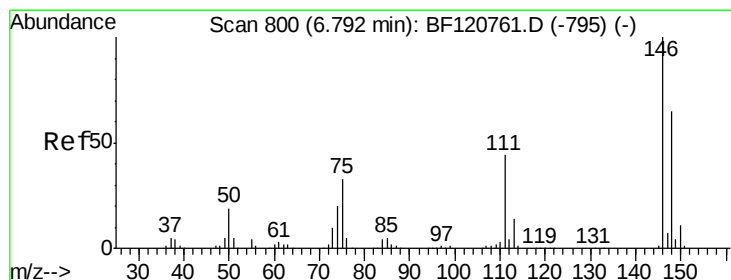
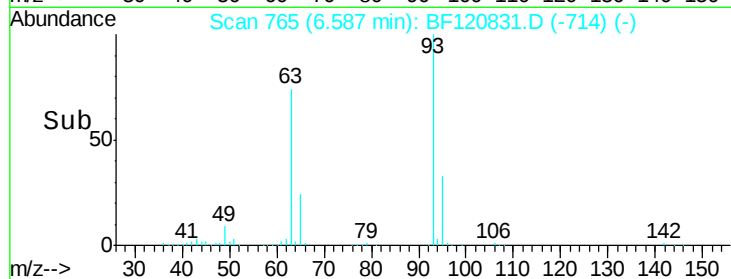
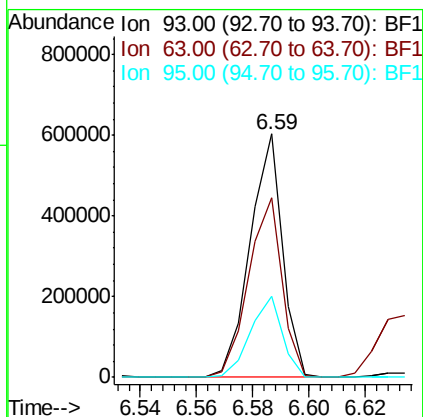
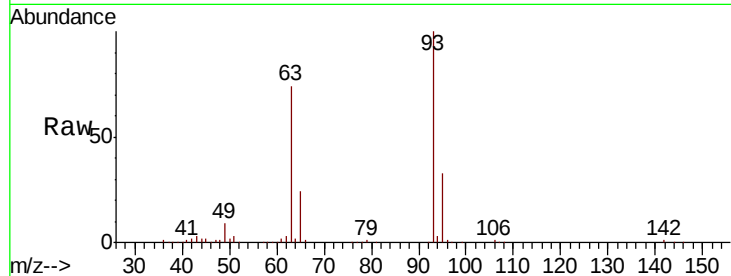




#11
bis(2-Chloroethyl)ether
Concen: 45.058 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

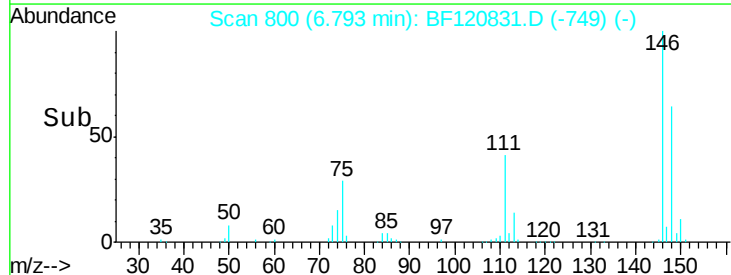
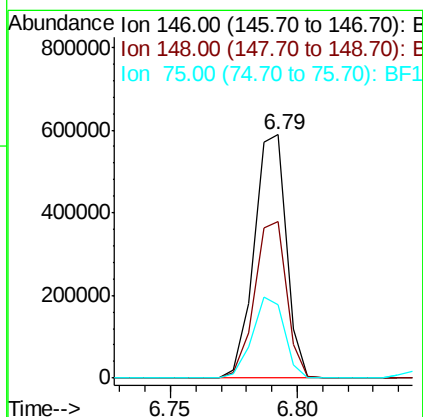
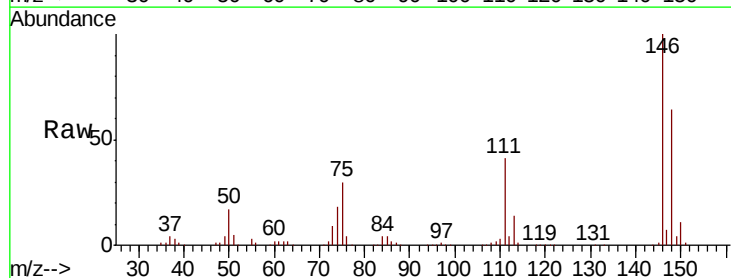
Instrument :
BNA_F
ClientSampleId :
PB130117BS

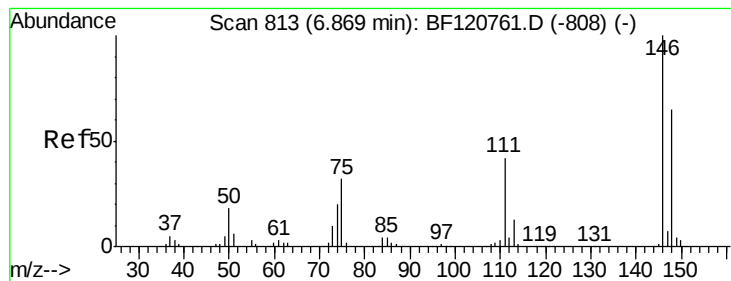
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.6	56.9	96.9
95	33.1	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 44.896 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.1	78.1
75	29.9	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 44.805 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

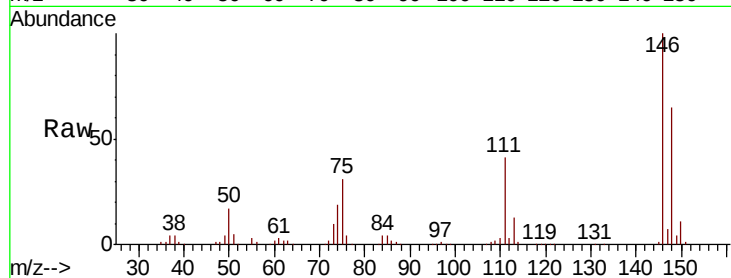
Tot Ion:146 Resp: 523681

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

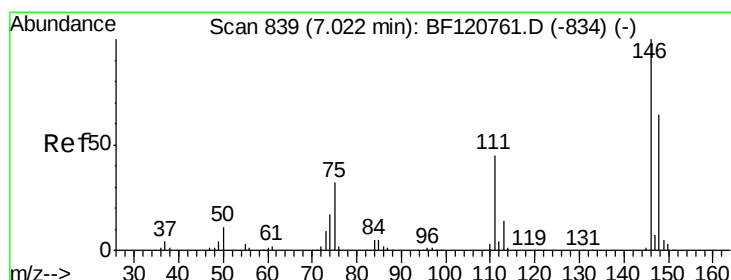
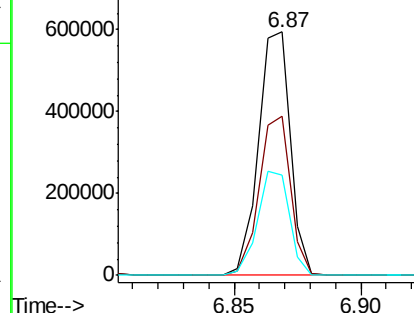
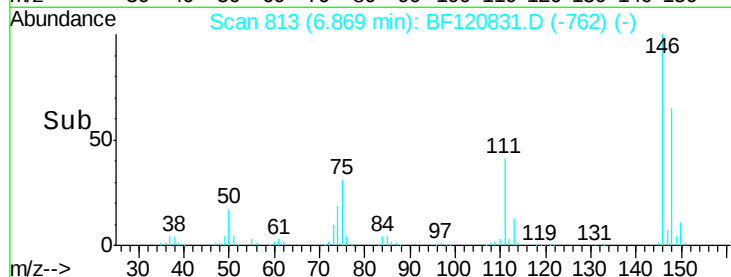
111 41.3 33.7 50.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.106 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

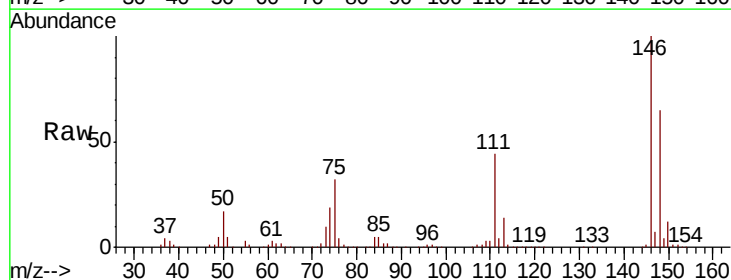
Tgt Ion:146 Resp: 490463

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

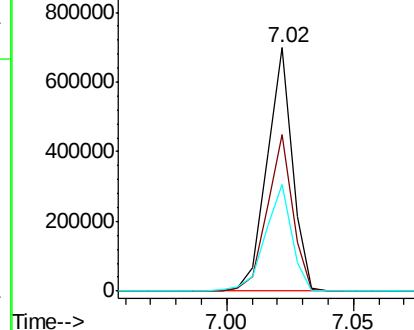
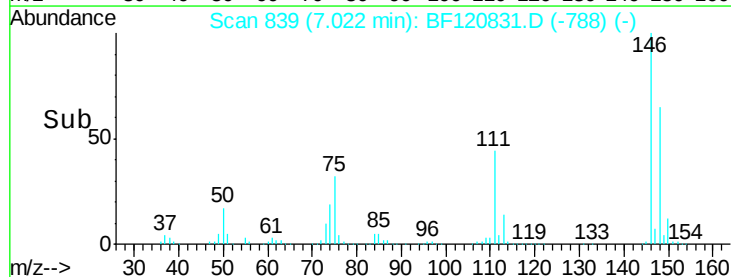
111 43.7 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.320 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

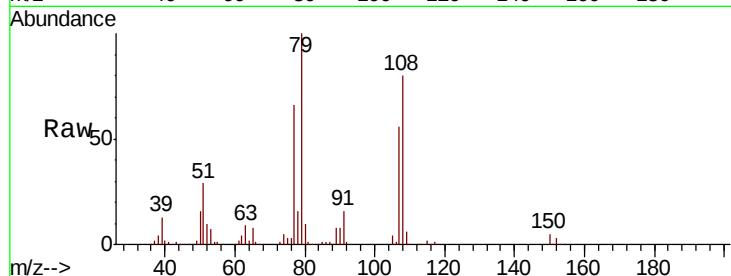
Tot Ion: 79 Resp: 404359

Ion Ratio Lower Upper

79 100

108 79.7 62.4 93.6

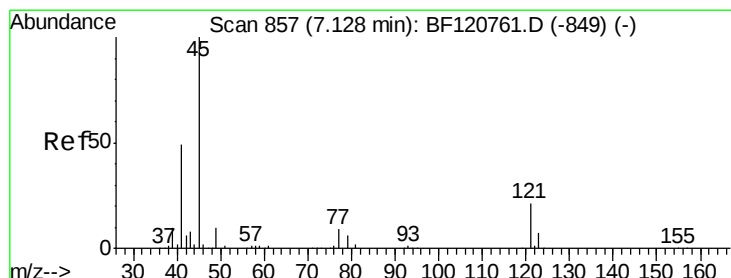
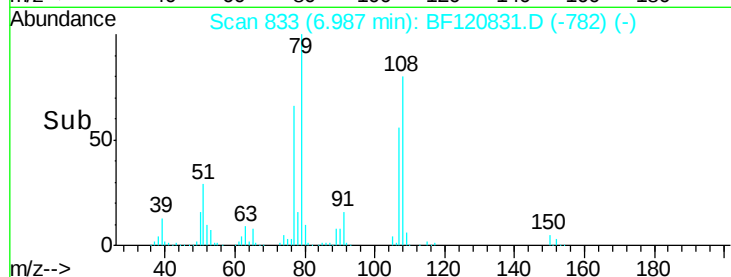
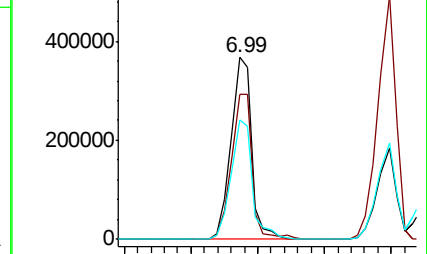
77 65.9 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.509 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

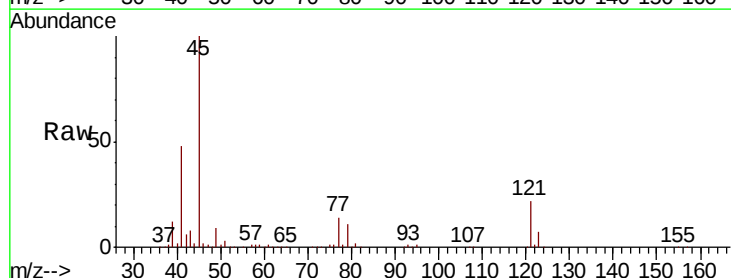
Tgt Ion: 45 Resp: 705822

Ion Ratio Lower Upper

45 100

77 14.2 0.0 33.7

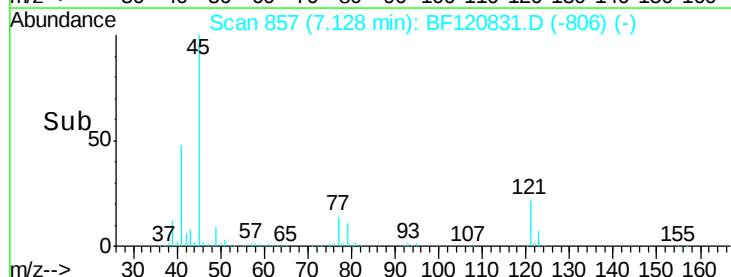
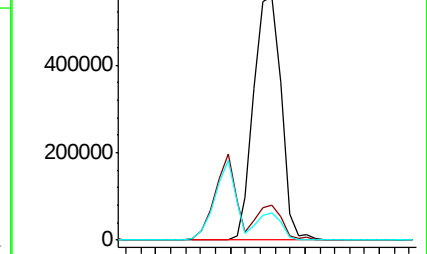
79 11.0 0.0 30.5

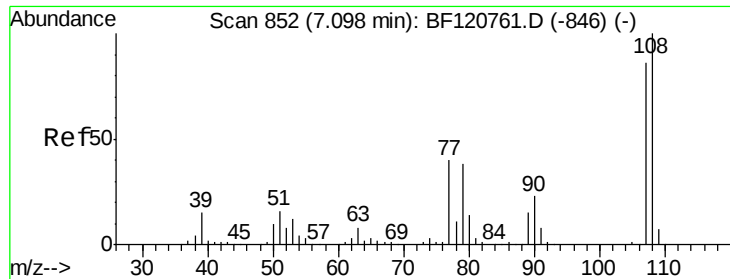


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

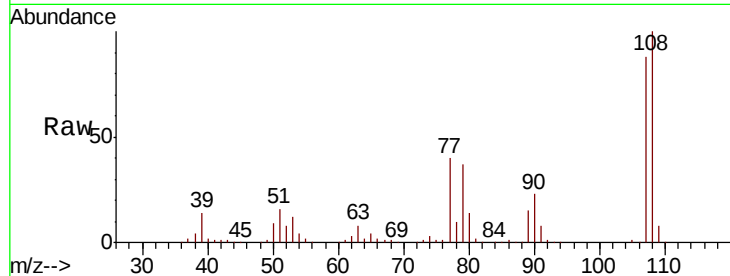




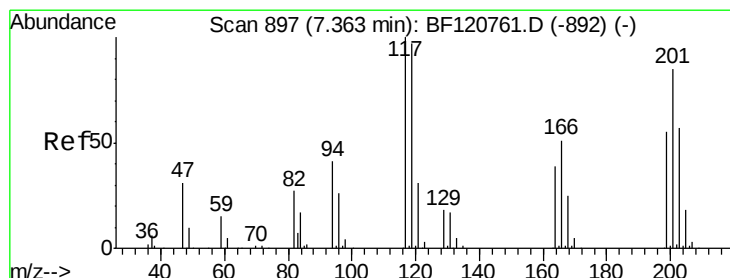
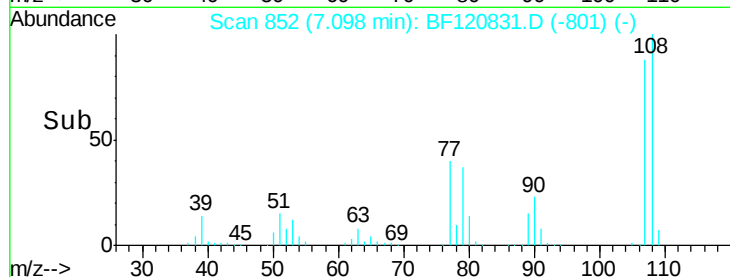
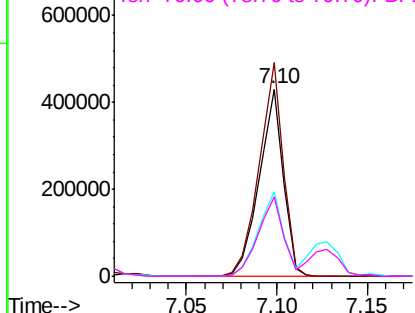
#17
2-Methylphenol
Concen: 41.714 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion:	107	Resp:	395635
Ion	Ratio	Lower	Upper
107	100		
108	114.0	93.1	139.7
77	45.3	37.3	55.9
79	42.5	35.3	52.9

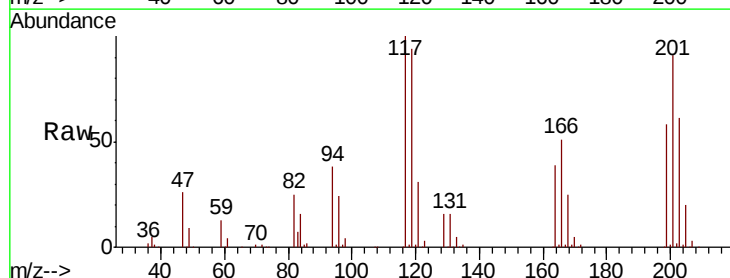


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

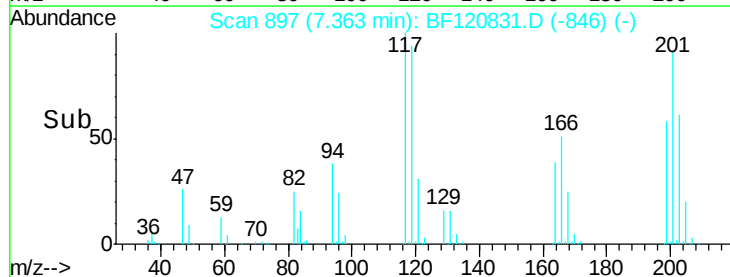
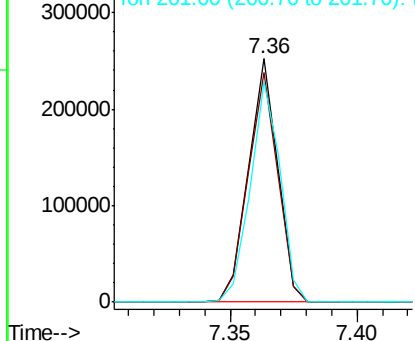


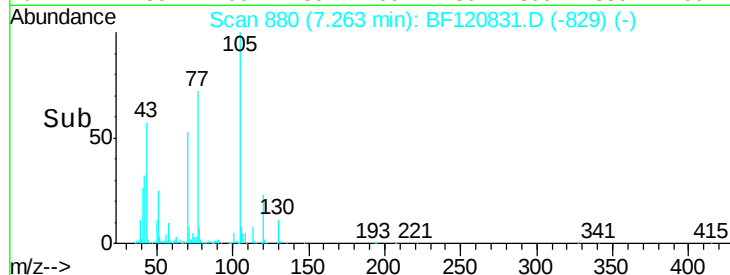
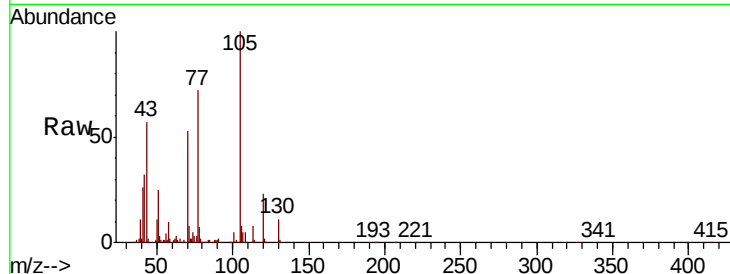
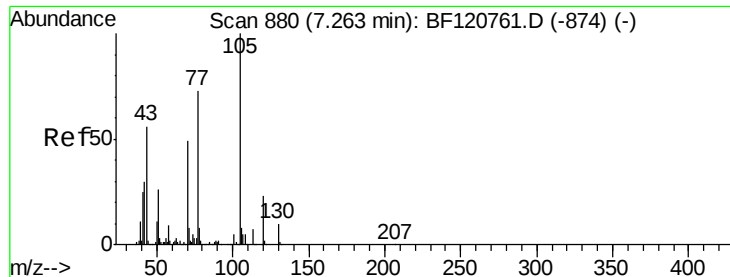
#18
Hexachloroethane
Concen: 46.255 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:	117	Resp:	203199
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.9	116.9
201	90.6	68.3	102.5



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

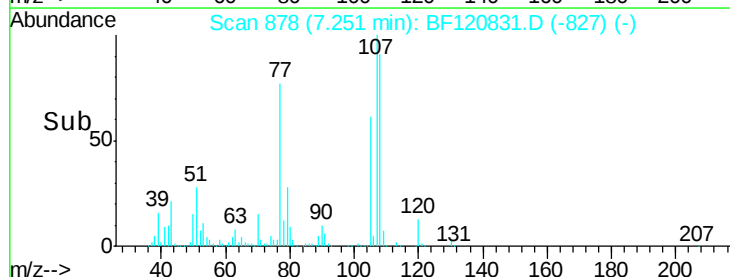
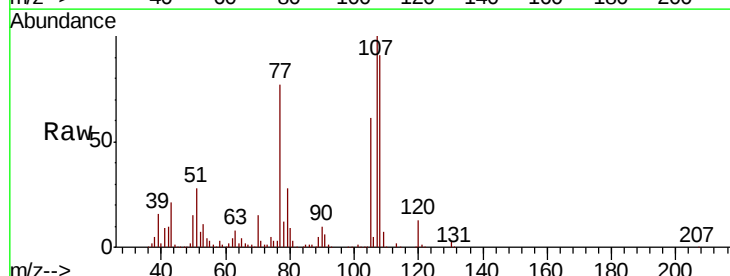
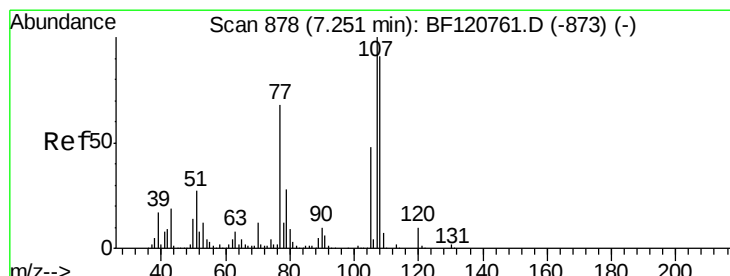
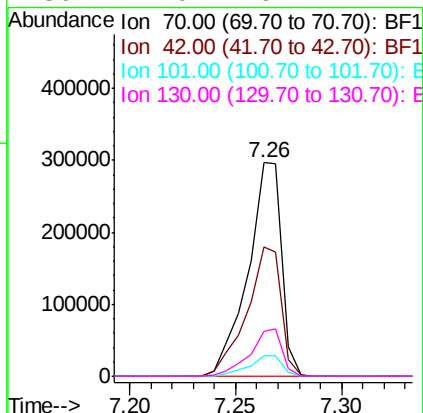




#19
n-Nitroso-di-n-propylamine
Concen: 43.096 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

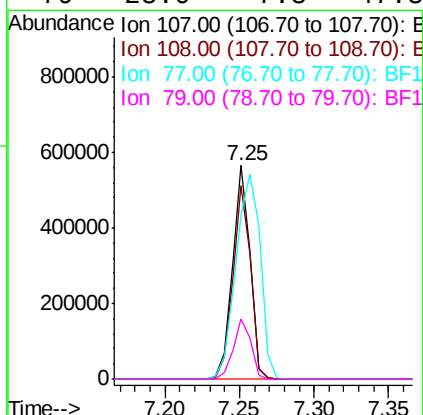
Instrument :
BNA_F
ClientSampleId :
PB130117BS

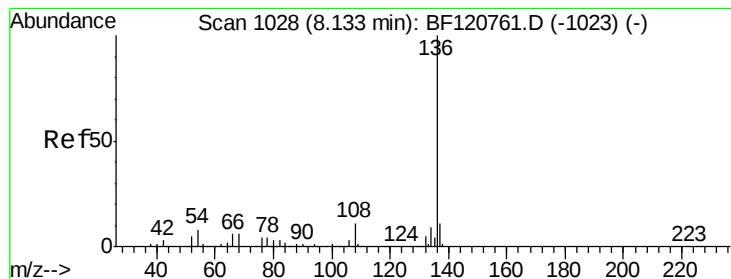
Tot Ion: 70 Resp: 329984
Ion Ratio Lower Upper
70 100
42 60.4 50.3 75.5
101 9.7 7.5 11.3
130 21.0 16.1 24.1



#20
3+4-Methylphenols
Concen: 40.283 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:107 Resp: 470564
Ion Ratio Lower Upper
107 100
108 90.5 70.9 110.9
77 76.7 48.3 88.3
79 28.0 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion:136 Resp: 574928

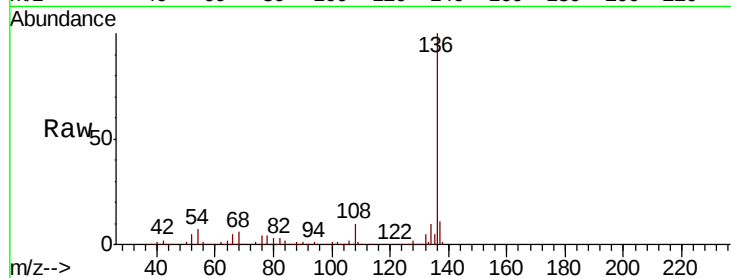
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.4 6.2 9.4

68 5.6 4.7 7.1

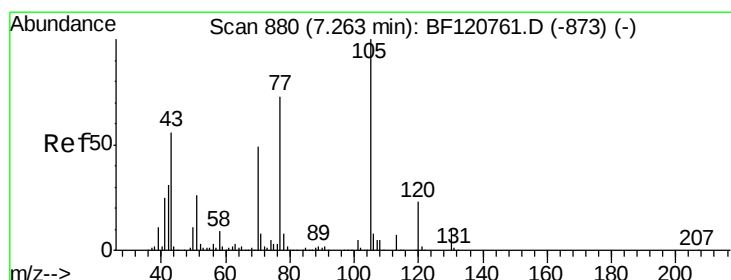
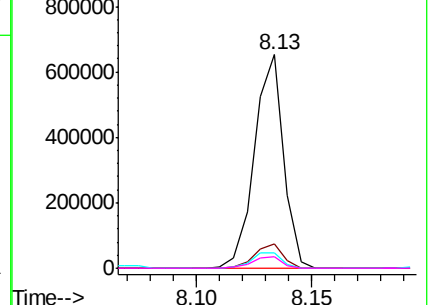
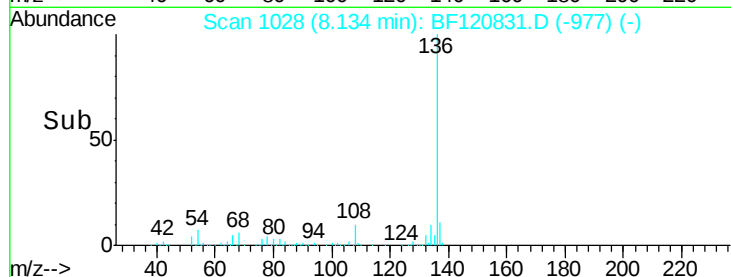


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.759 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:105 Resp: 639630

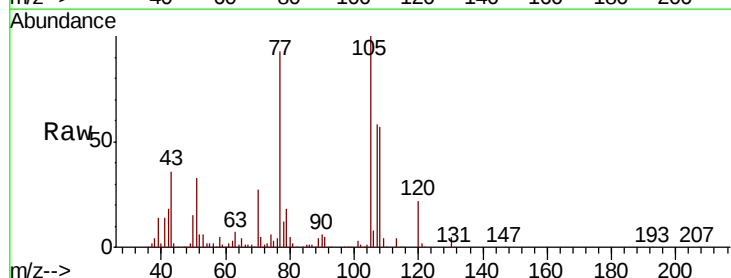
Ion Ratio Lower Upper

105 100

71 4.5 6.5 9.7#

51 33.2 21.0 31.4#

120 22.1 18.6 28.0

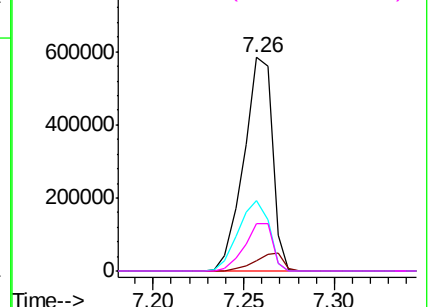
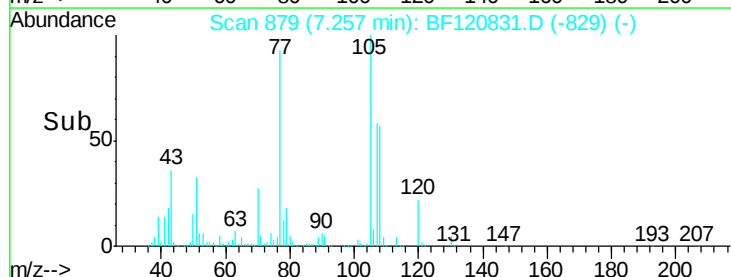


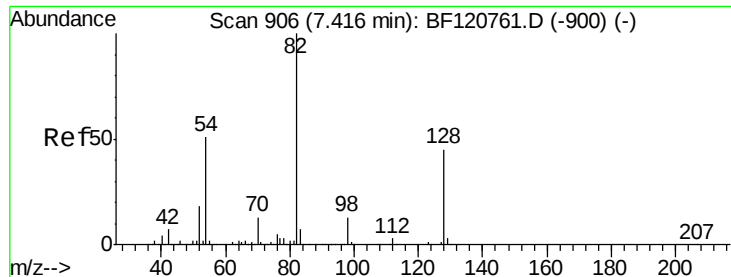
Abundance Ion 105.00 (104.70 to 105.70): E

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

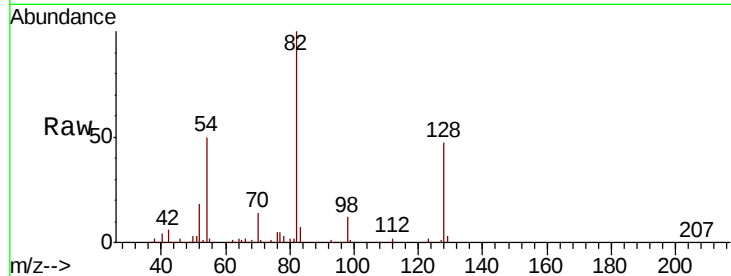




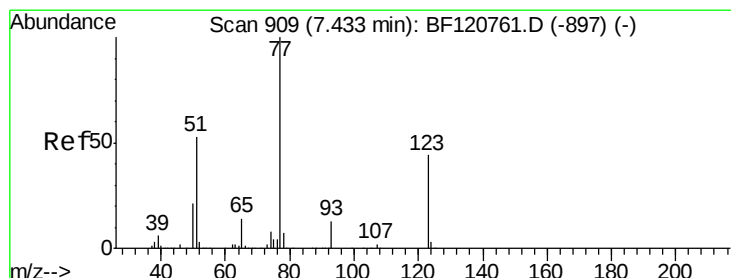
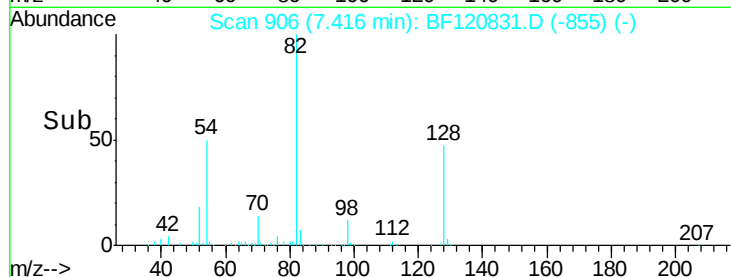
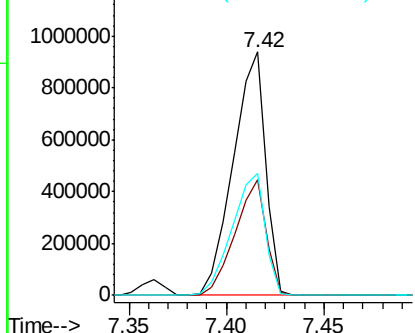
#23
Nitrobenzene-d5
Concen: 108.573 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion: 82 Resp: 1077388
Ion Ratio Lower Upper
82 100
128 47.4 35.7 53.5
54 50.2 40.9 61.3

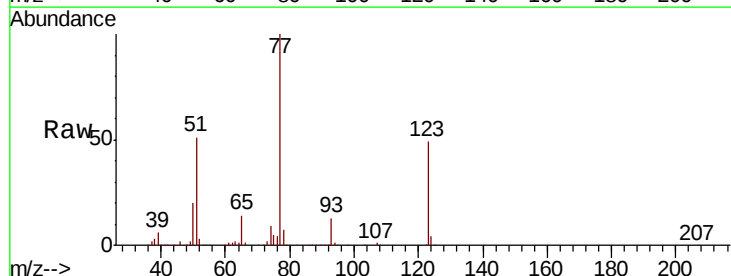


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

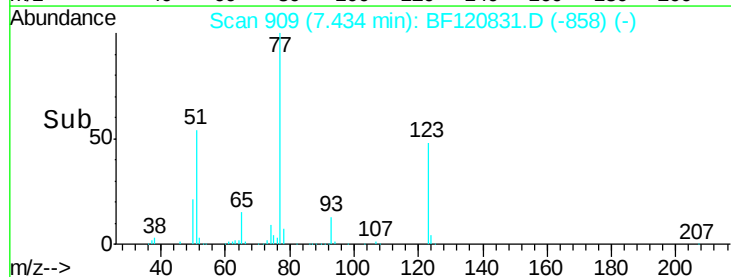
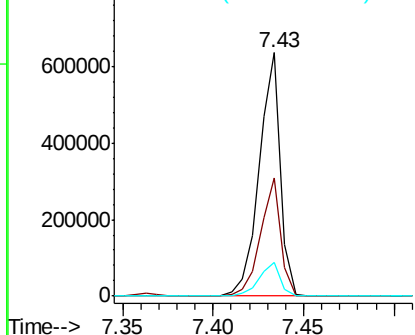


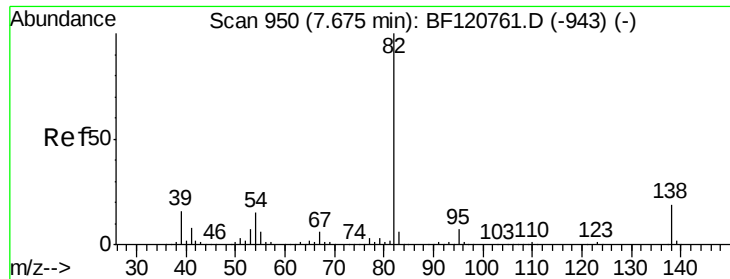
#24
Nitrobenzene
Concen: 46.379 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion: 77 Resp: 516746
Ion Ratio Lower Upper
77 100
123 48.6 36.1 54.1
65 13.8 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: 42.975 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampled :

PB130117BS

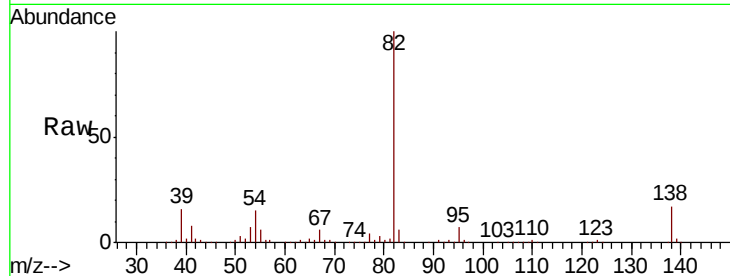
Tot Ion: 82 Resp: 919676

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

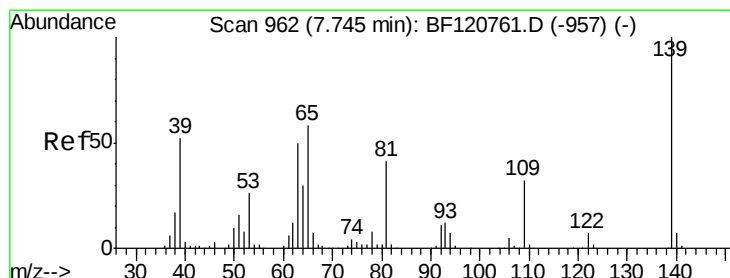
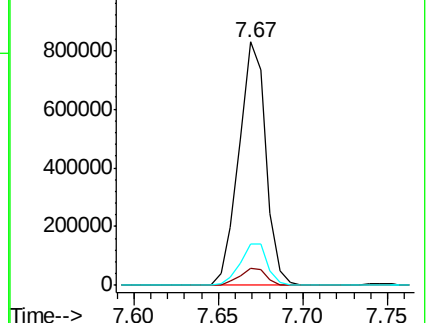
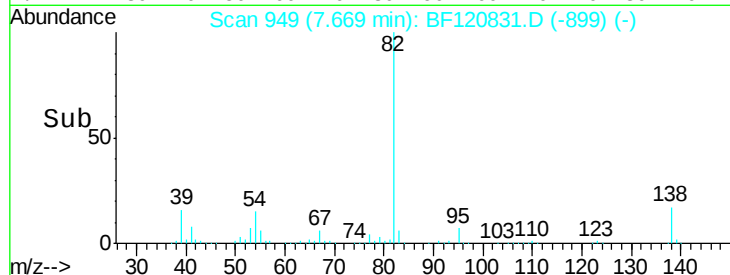
138 17.0 15.0 22.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.396 ng

RT: 7.75 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

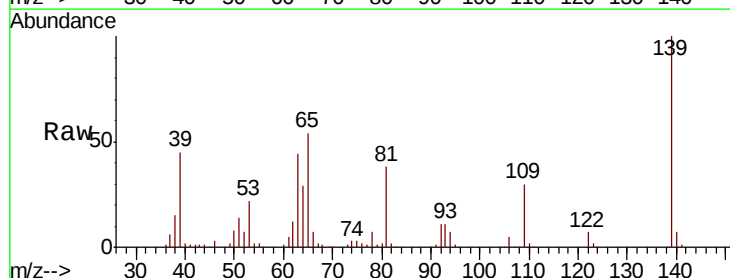
Tgt Ion: 139 Resp: 231961

Ion Ratio Lower Upper

139 100

109 30.3 25.3 37.9

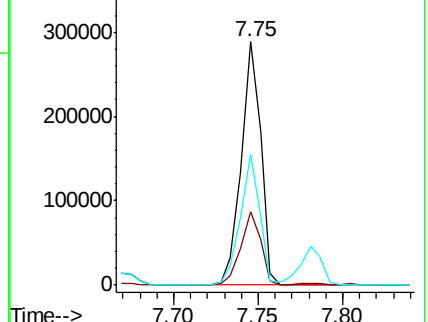
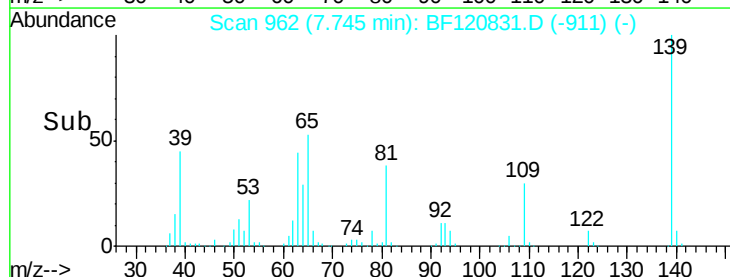
65 53.7 46.2 69.2

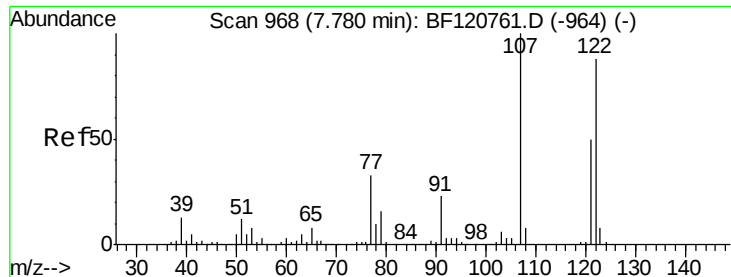


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.174 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

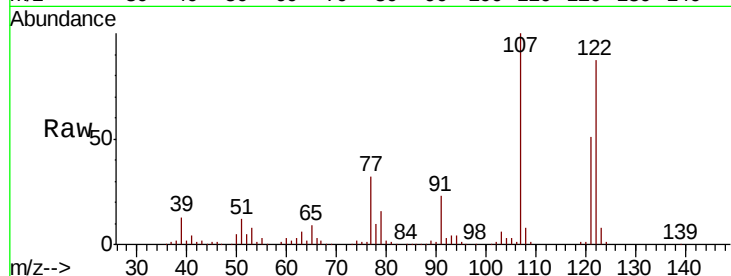
Tot Ion:122 Resp: 402995

Ion Ratio Lower Upper

122 100

107 114.8 90.7 136.1

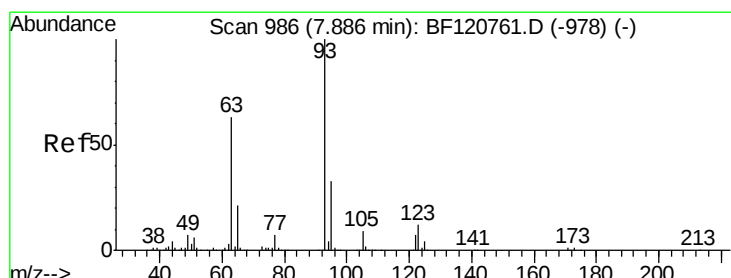
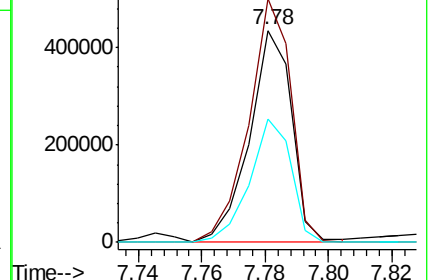
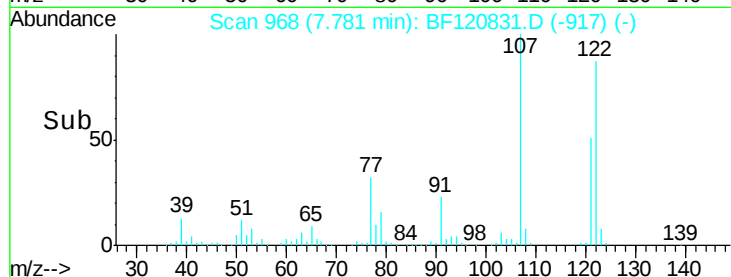
121 58.3 45.4 68.0



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: 46.182 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

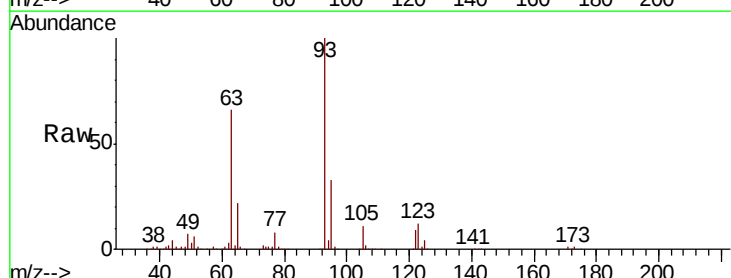
Tgt Ion: 93 Resp: 584922

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

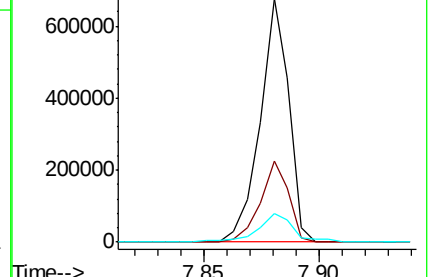
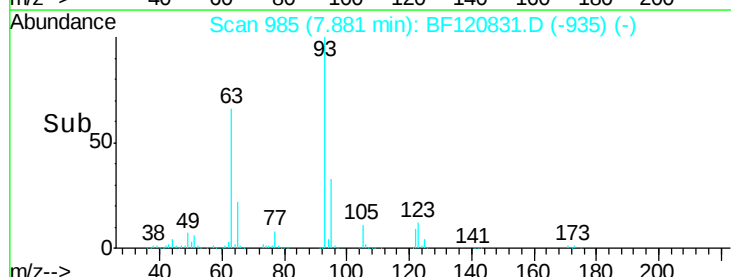
123 12.0 10.2 15.2

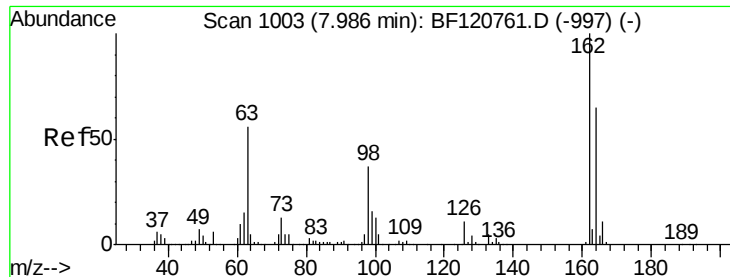


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

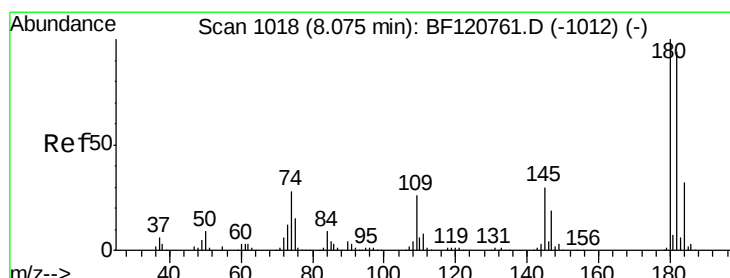
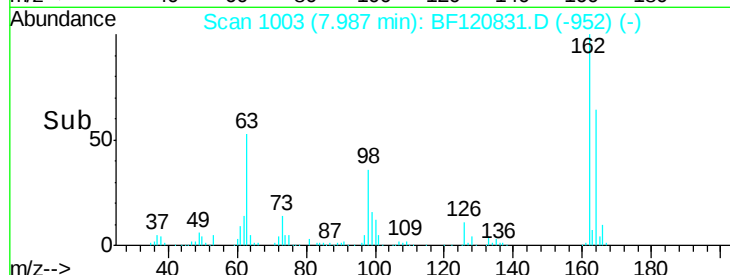
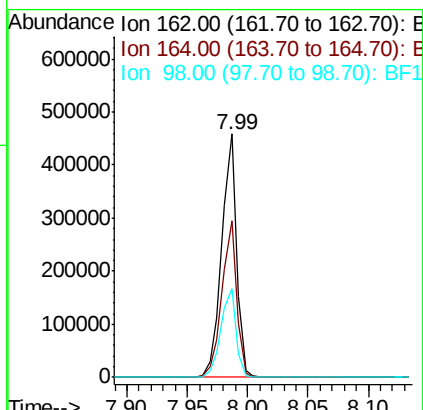
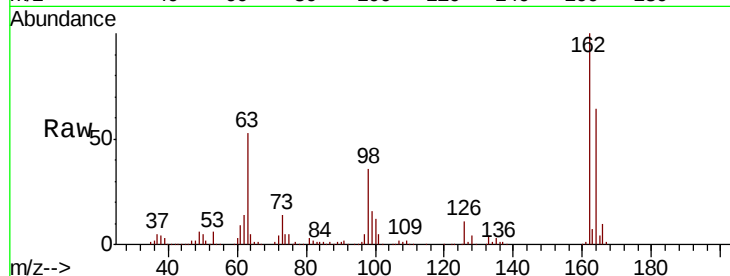




#29
2,4-Dichlorophenol
Concen: 45.563 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

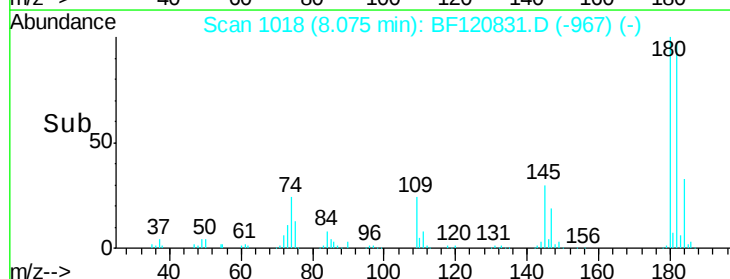
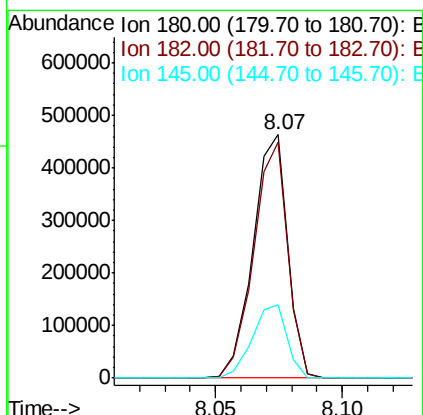
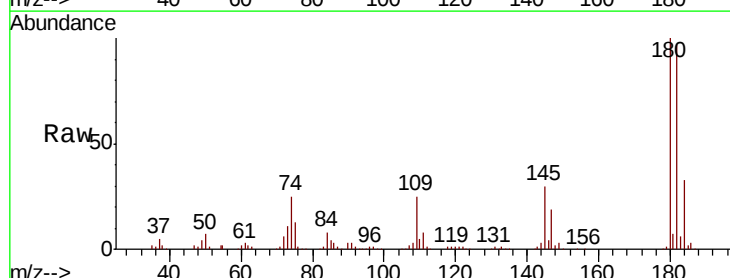
Instrument :
BNA_F
ClientSampleId :
PB130117BS

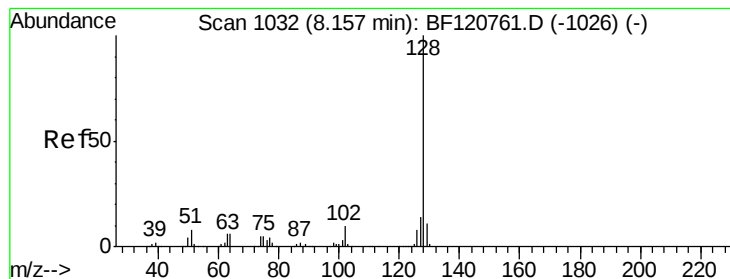
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.2	85.2
98	36.3	17.0	57.0



#30
1,2,4-Trichlorobenzene
Concen: 45.990 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.5	113.3
145	30.0	24.1	36.1





#31

Naphthalene

Concen: 44.482 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

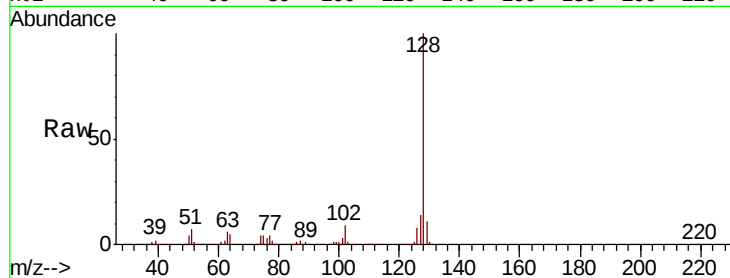
Tot Ion:128 Resp: 1366746

Ion Ratio Lower Upper

128 100

129 11.3 9.2 13.8

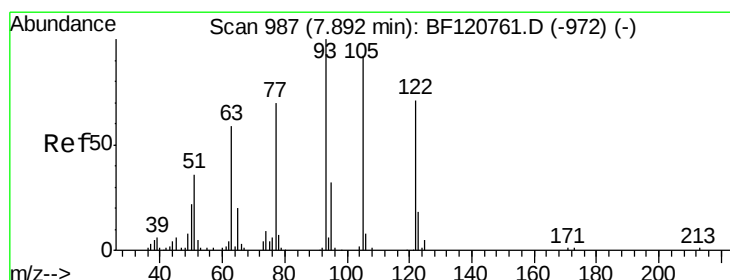
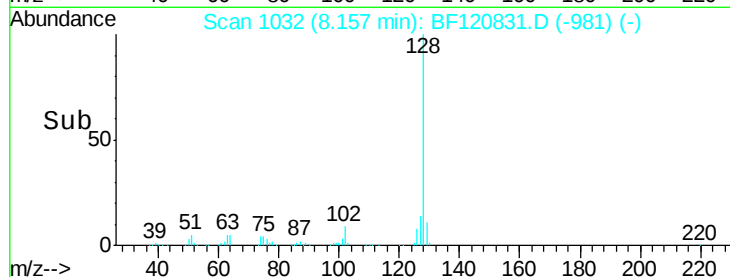
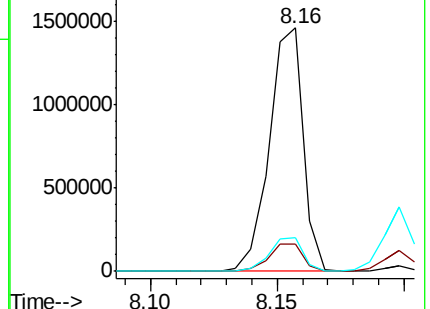
127 14.1 11.1 16.7



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: 43.135 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

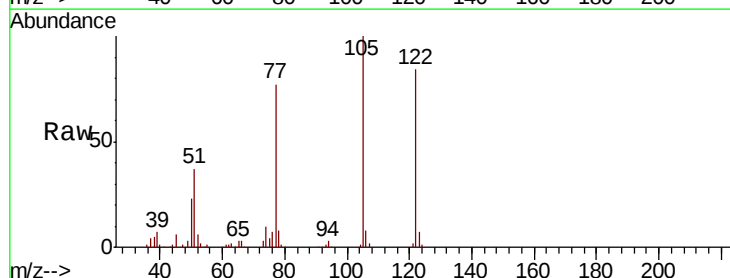
Tgt Ion:122 Resp: 257724

Ion Ratio Lower Upper

122 100

105 119.2 105.8 145.8

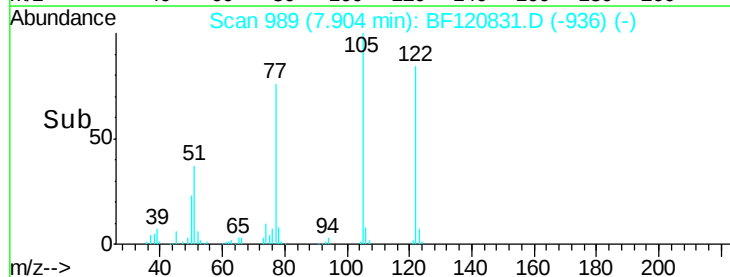
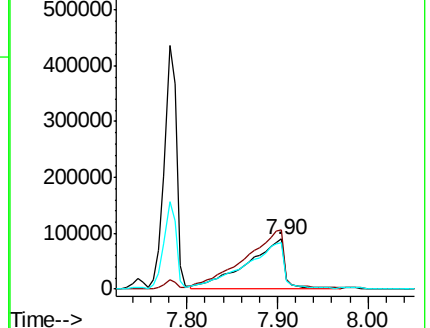
77 91.8 77.3 117.3



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

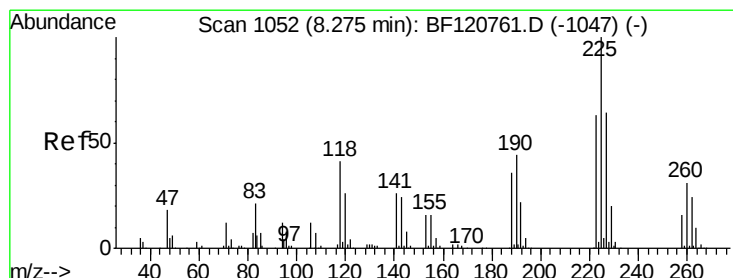
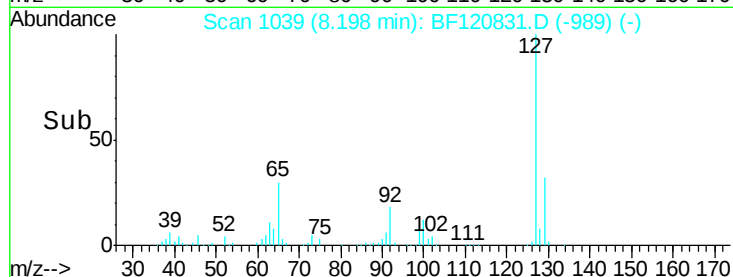
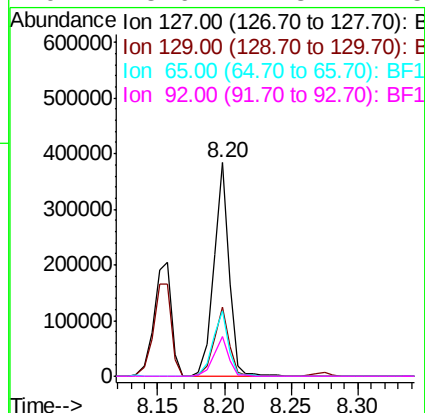
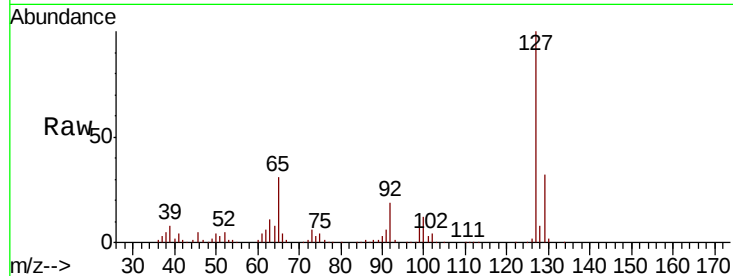




#33
4-Chloroaniline
Concen: 23.605 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

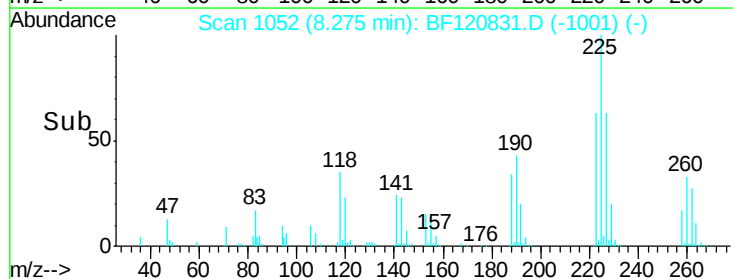
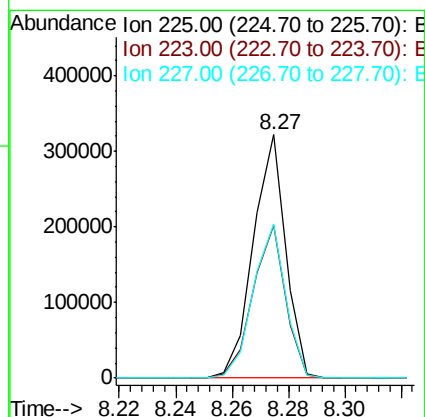
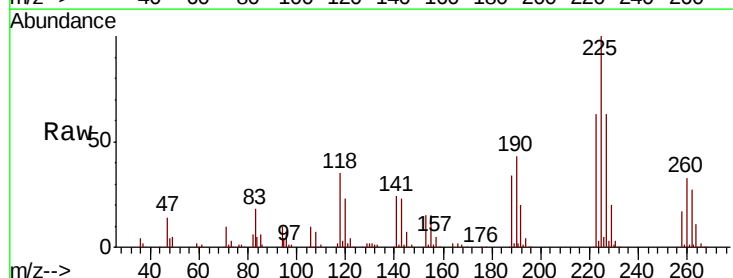
Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion:	127	Resp:	307764
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	30.8	22.7	34.1
92	18.6	14.3	21.5



#34
Hexachlorobutadiene
Concen: 44.525 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:	225	Resp:	256507
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.3	51.4	77.2

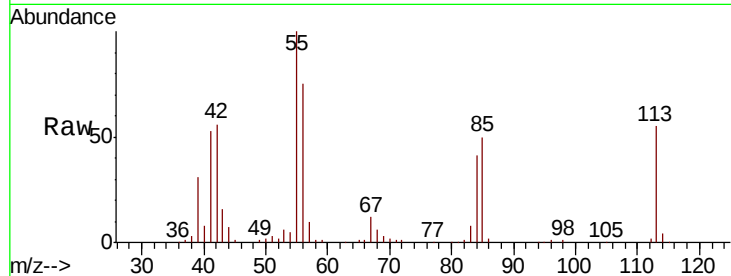




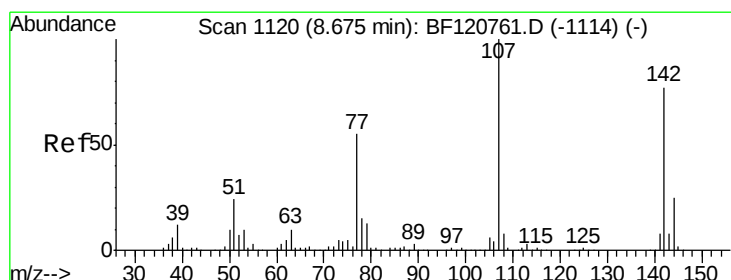
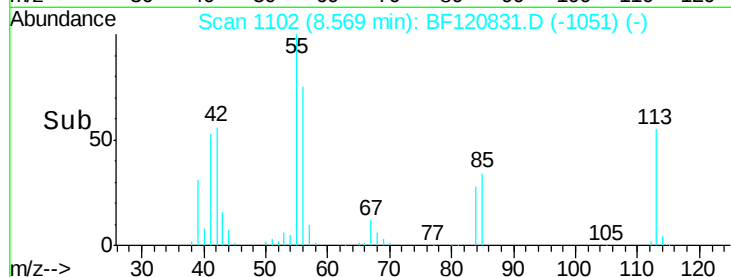
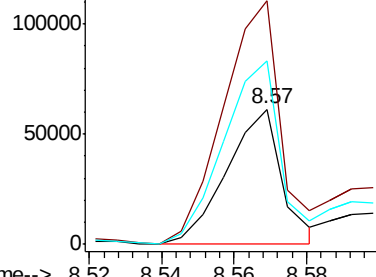
#35
 Caprolactam
 Concen: 25.990 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion:113 Resp: 64584
 Ion Ratio Lower Upper
 113 100
 55 180.6 168.3 208.3
 56 135.9 118.8 158.8

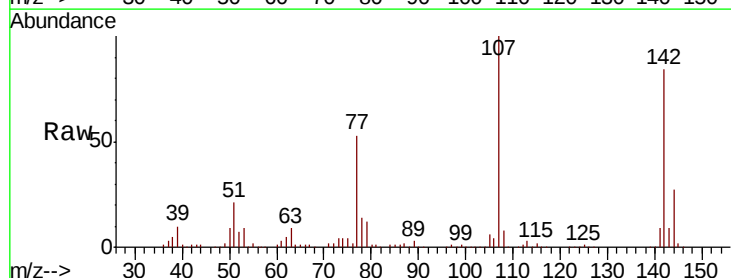


Abundance Ion 113.00 (112.70 to 113.70): E
 150000 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

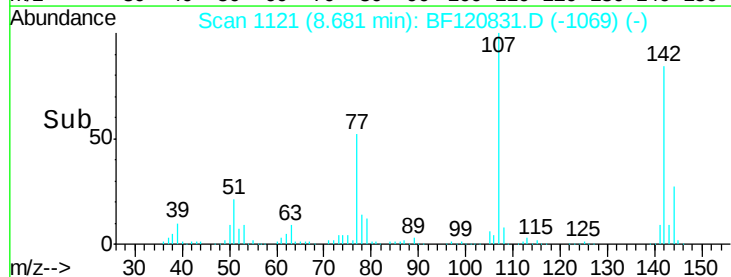
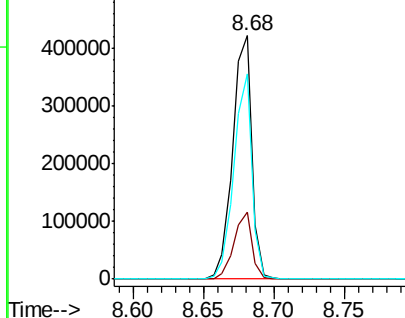


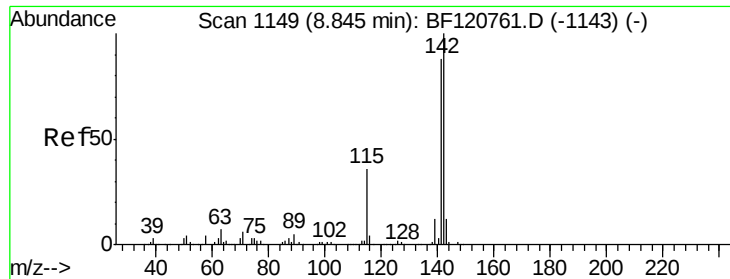
#36
 4-Chloro-3-methylphenol
 Concen: 45.124 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. 0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:107 Resp: 400305
 Ion Ratio Lower Upper
 107 100
 144 27.4 19.7 29.5
 142 84.1 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E
 500000 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

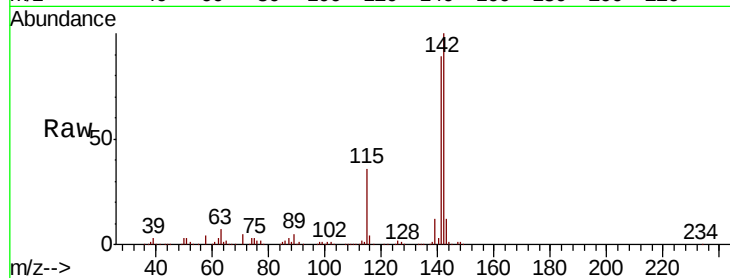




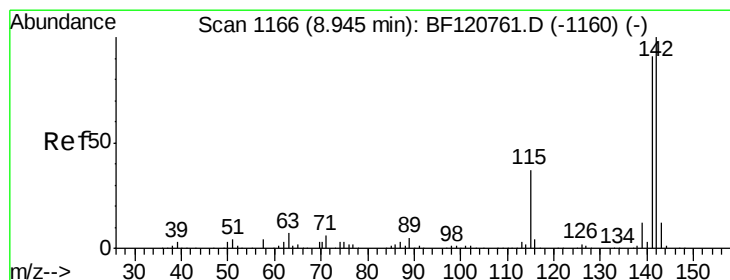
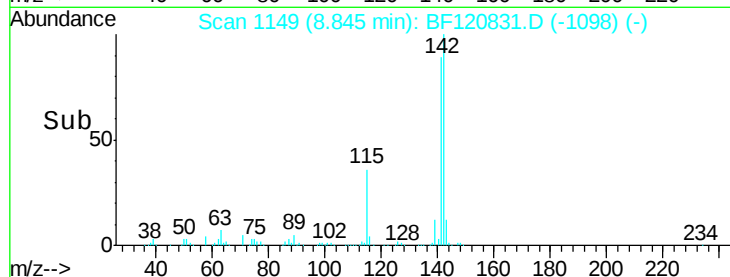
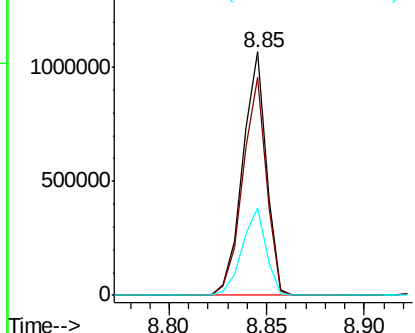
#37
2-Methylnaphthalene
Concen: 44.947 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.2	105.4
115	35.7	29.0	43.4

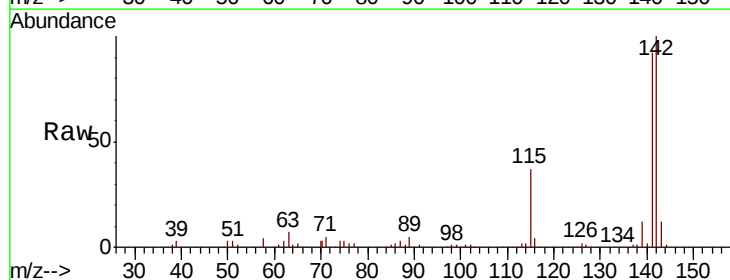


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

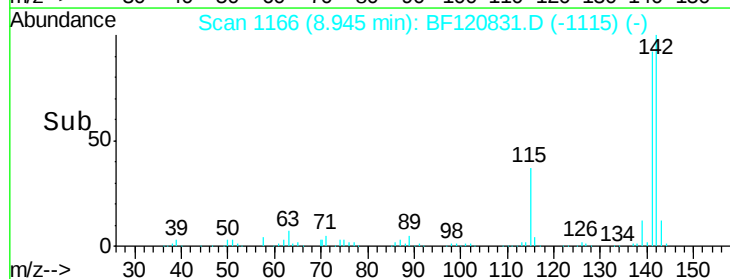
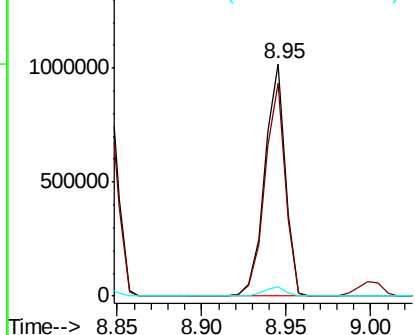


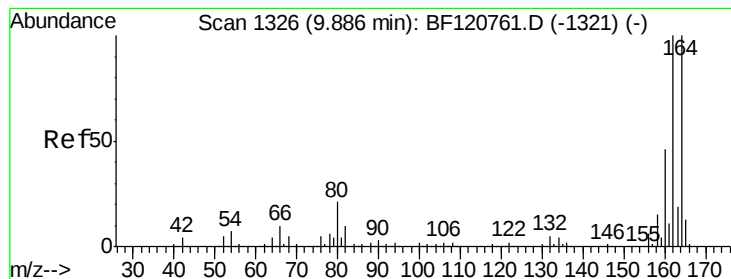
#38
1-Methylnaphthalene
Concen: 45.660 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.5	108.7
116	3.8	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: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

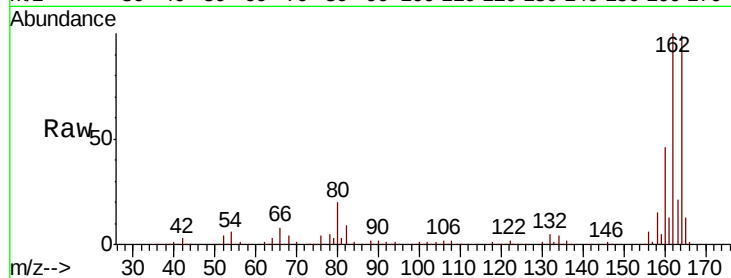
Tot Ion:164 Resp: 280466

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

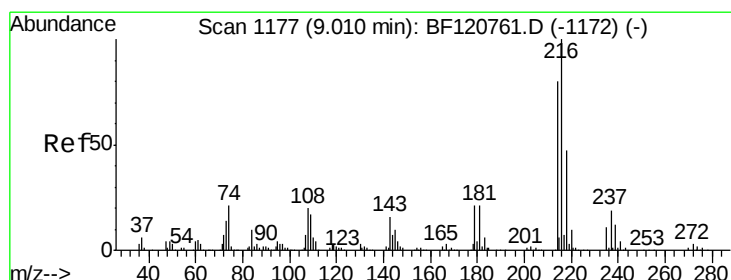
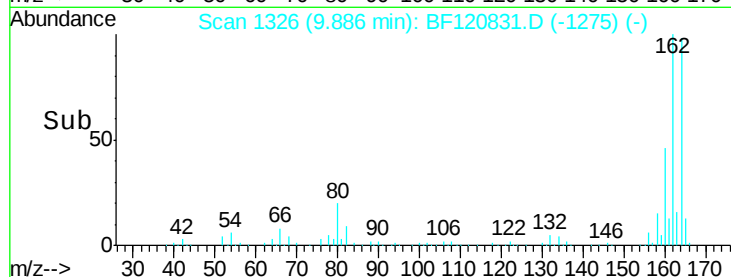
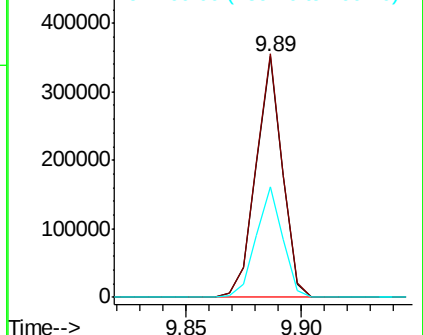
160 46.0 36.9 55.3



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: 45.003 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Tgt Ion:216 Resp: 381466

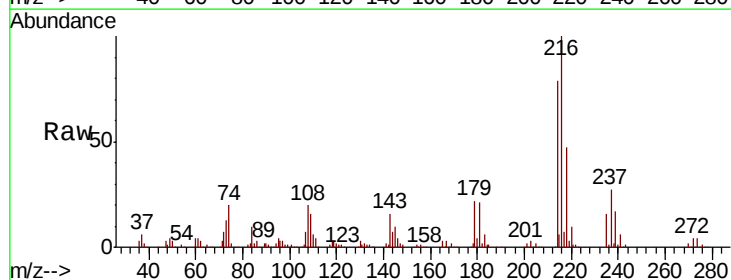
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 21.1 16.7 25.1

108 23.1 17.0 25.4

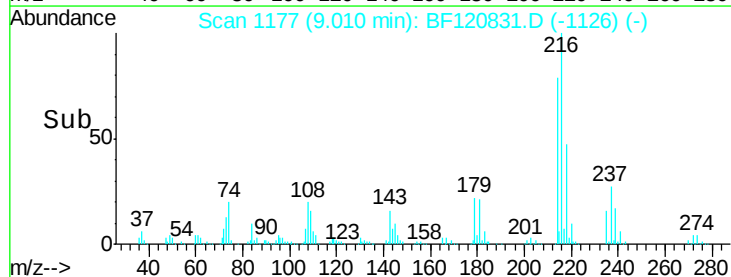
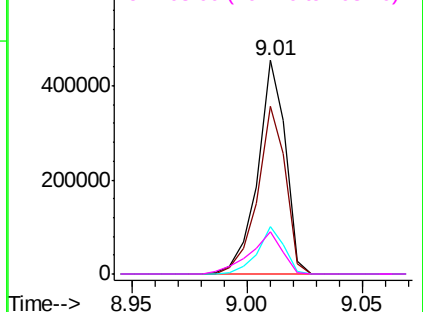


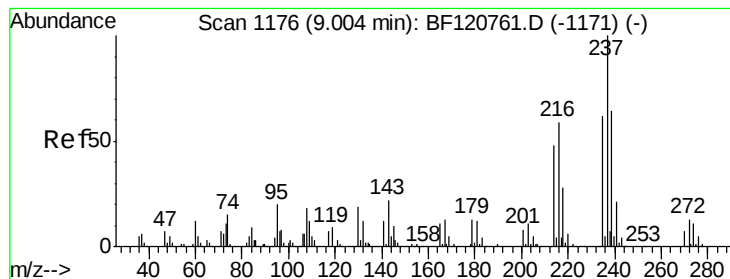
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.646 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

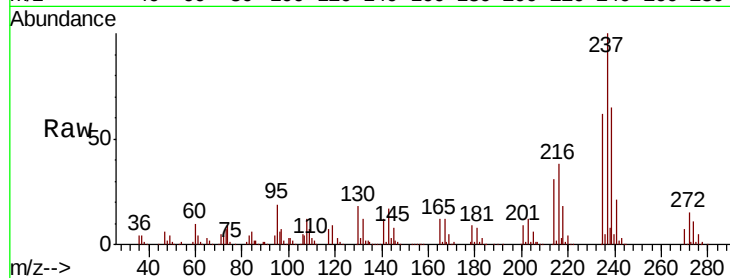
Tot Ion:237 Resp: 484015

Ion Ratio Lower Upper

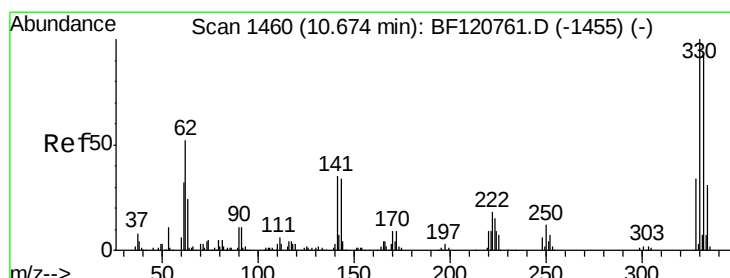
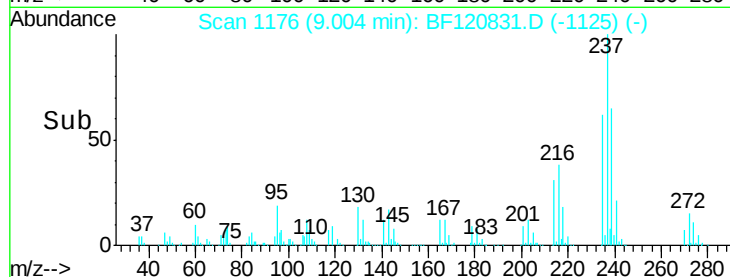
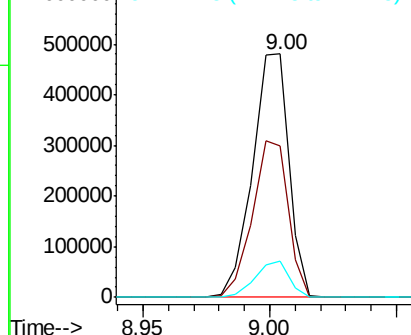
237 100

235 62.3 42.1 82.1

272 14.7 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: 150.288 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

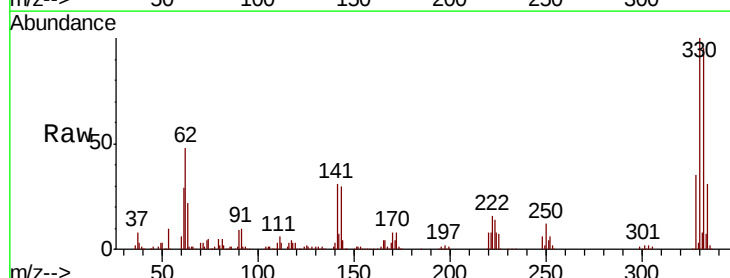
Tgt Ion:330 Resp: 423464

Ion Ratio Lower Upper

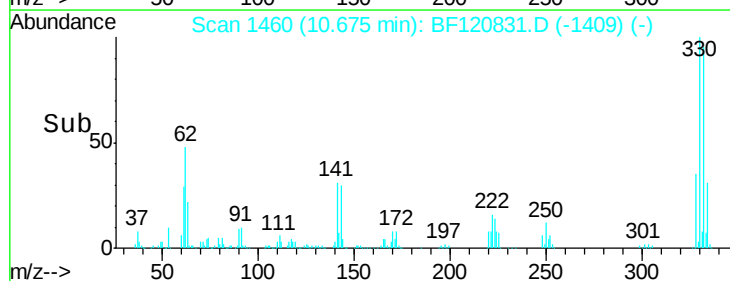
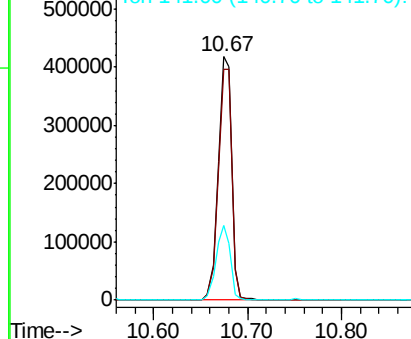
330 100

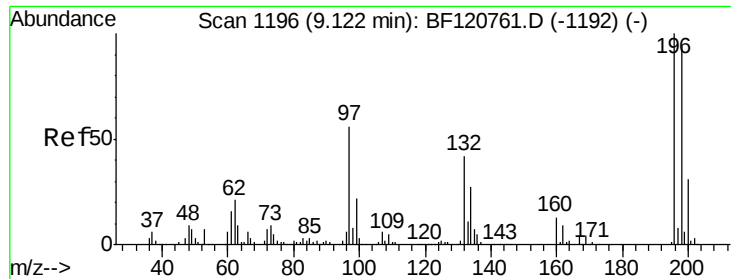
332 96.2 75.8 113.6

141 32.6 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

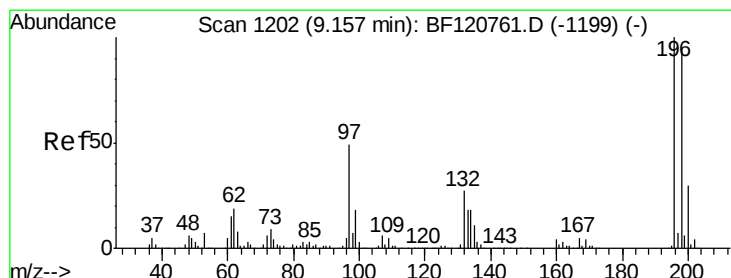
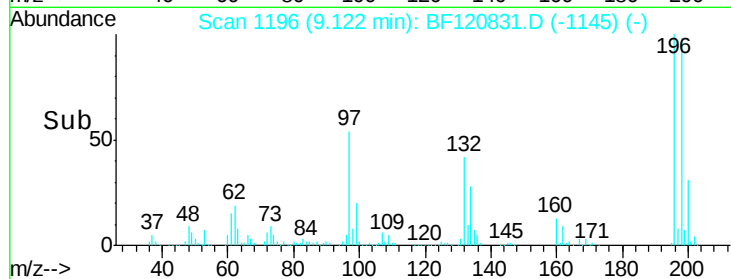
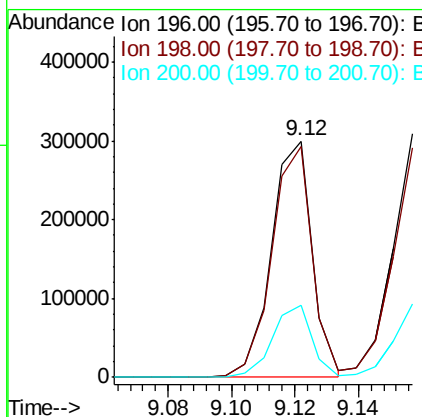
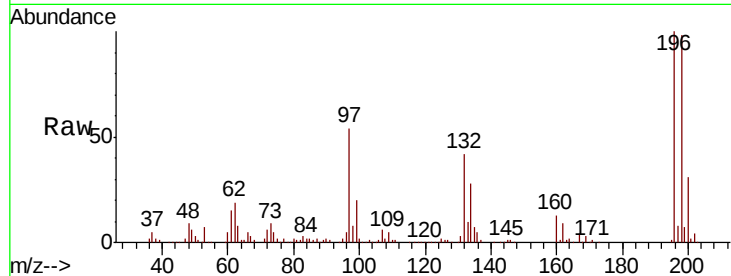




#43
 2,4,6-Trichlorophenol
 Concen: 46.561 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

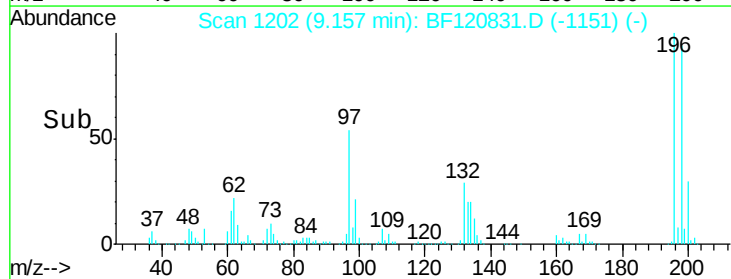
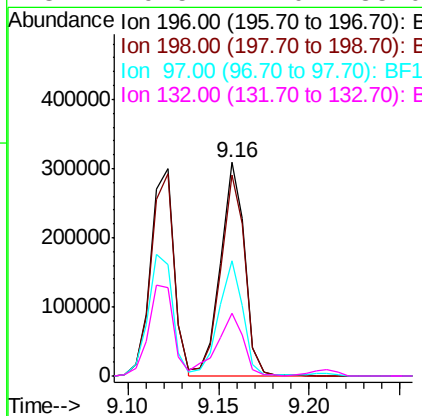
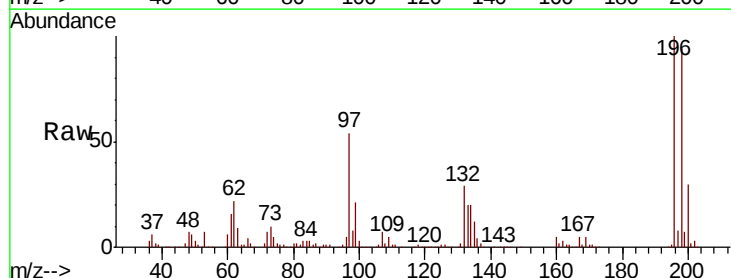
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

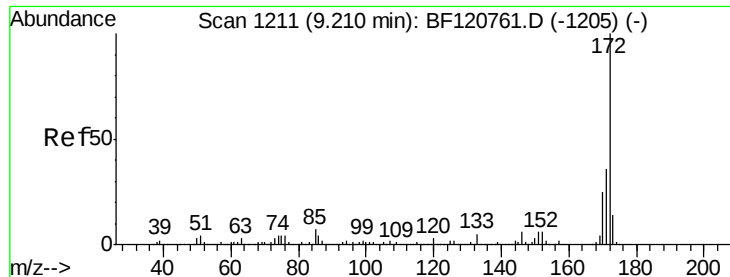
Tot Ion:196 Resp: 268934
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.3 112.9
 200 30.8 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.521 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:196 Resp: 285377
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.2 114.2
 97 54.2 39.6 59.4
 132 29.5 22.0 33.0

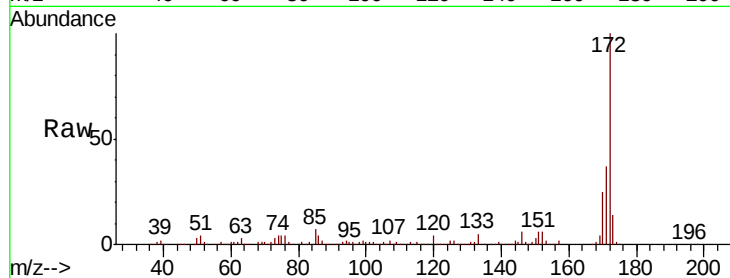




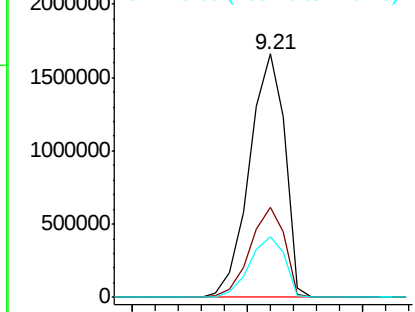
#45
2-Fluorobiphenyl
Concen: 95.997 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

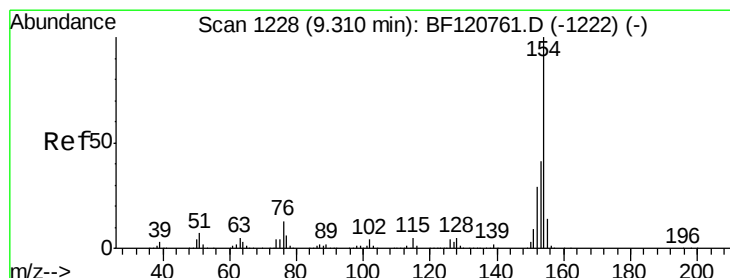
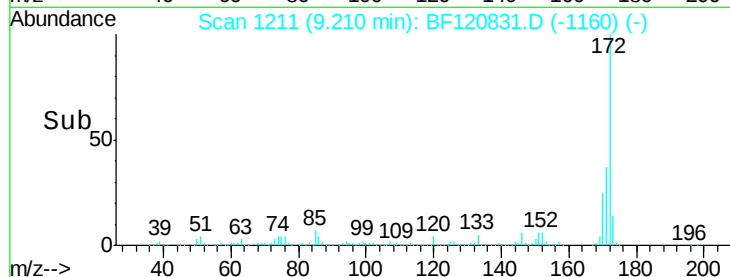
Tot Ion:172 Resp: 1779578
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 24.7 19.8 29.6



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

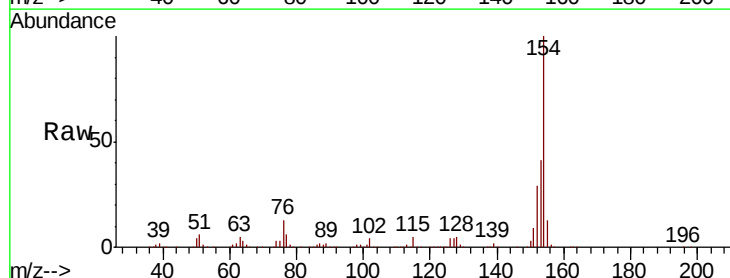


Time--> 9.15 9.20 9.25

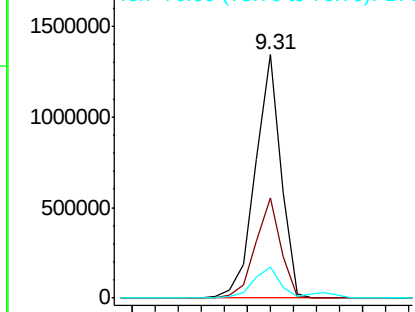


#46
1,1'-Biphenyl
Concen: 46.150 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

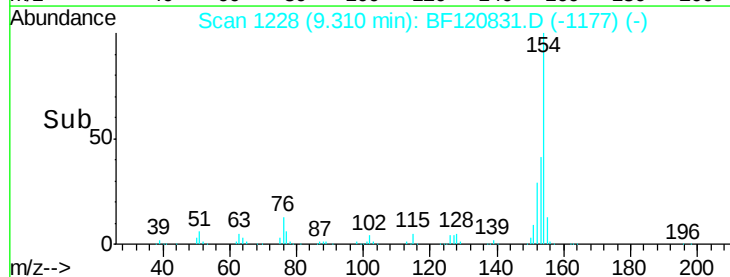
Tgt Ion:154 Resp: 1044059
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 12.7 0.0 33.3

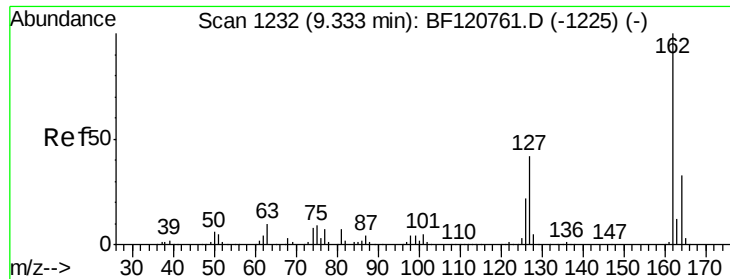


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Time--> 9.25 9.30 9.35

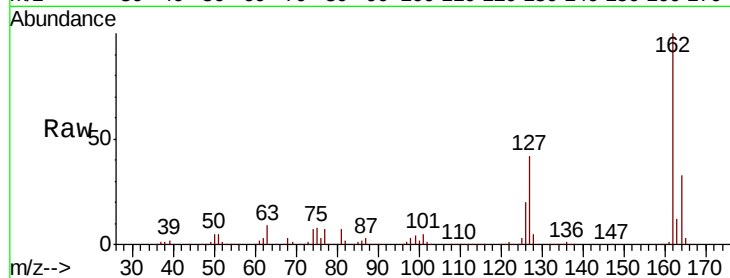




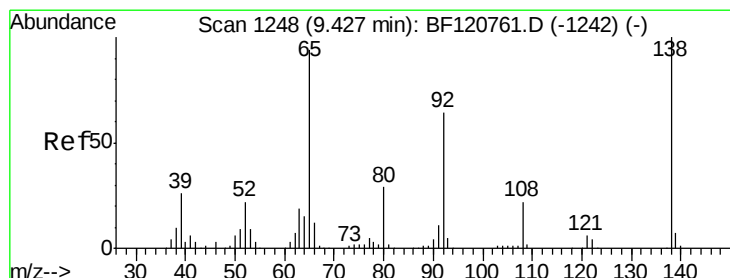
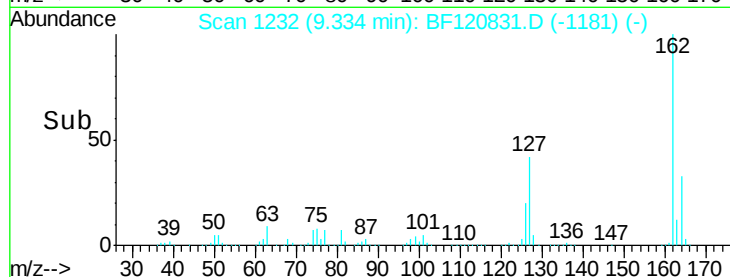
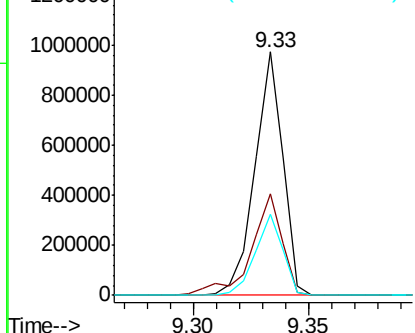
#47
 2-Chloronaphthalene
 Concen: 45.546 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion:162 Resp: 825480
 Ion Ratio Lower Upper
 162 100
 127 41.8 33.7 50.5
 164 33.4 26.4 39.6

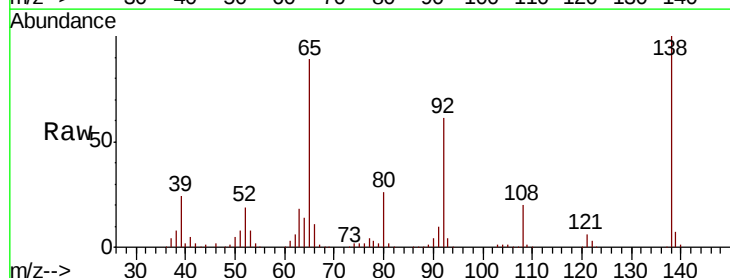


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

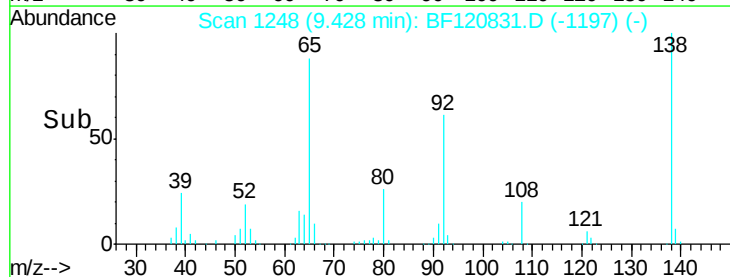
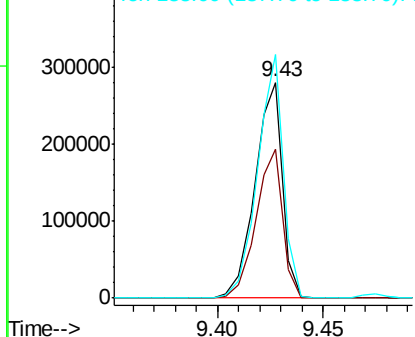


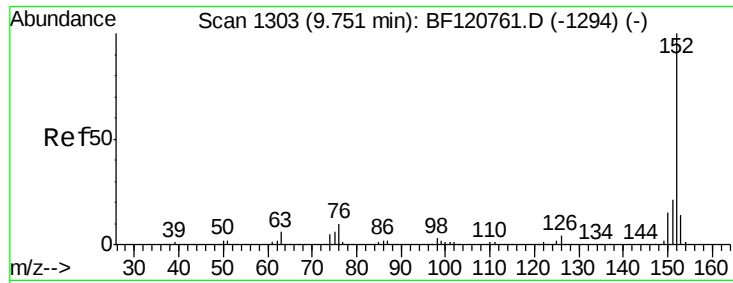
#48
 2-Nitroaniline
 Concen: 46.746 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion: 65 Resp: 253291
 Ion Ratio Lower Upper
 65 100
 92 68.7 54.4 81.6
 138 112.7 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: 44.866 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

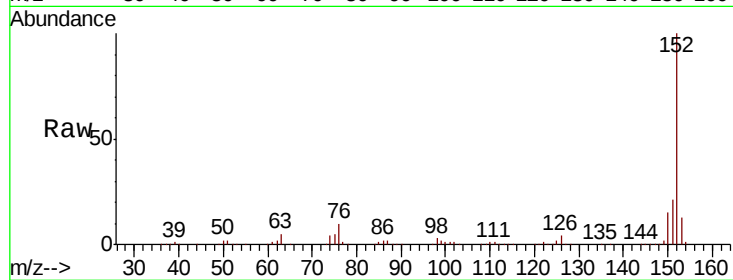
Tot Ion:152 Resp: 1274879

Ion Ratio Lower Upper

152 100

151 20.9 16.9 25.3

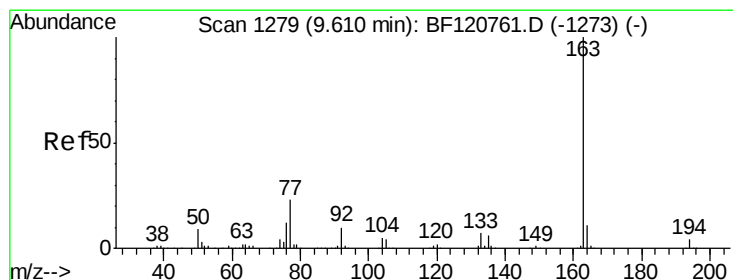
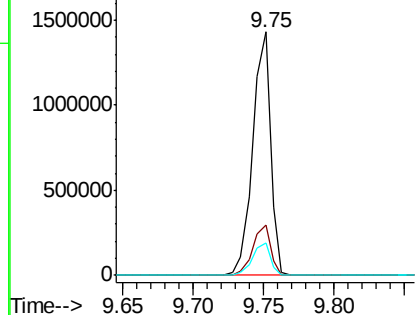
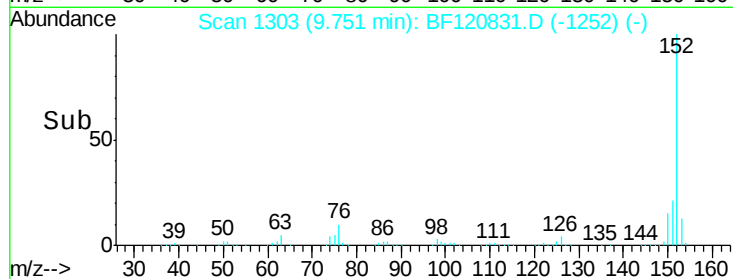
153 13.5 10.8 16.2



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: 44.895 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

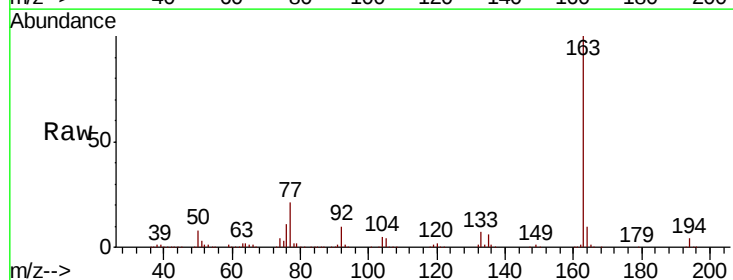
Tgt Ion:163 Resp: 918526

Ion Ratio Lower Upper

163 100

194 3.8 2.9 4.3

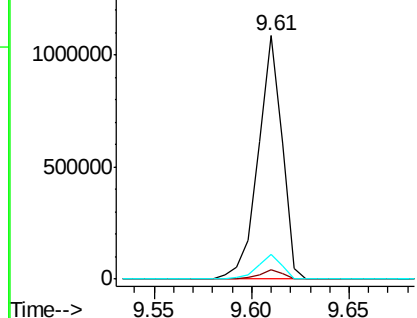
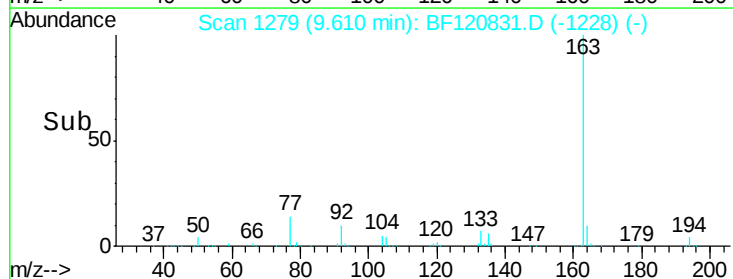
164 10.4 8.5 12.7

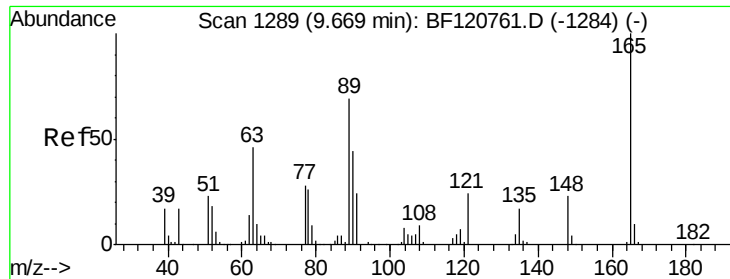


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

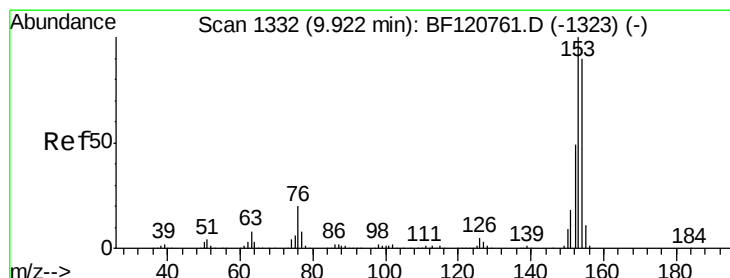
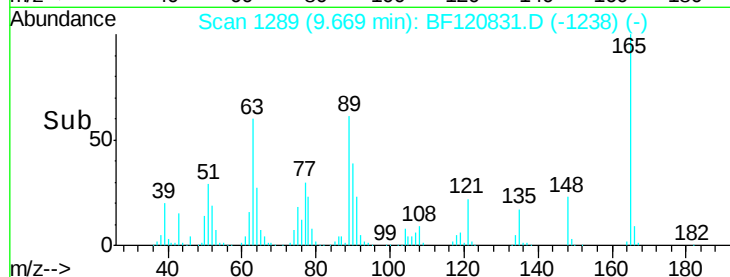
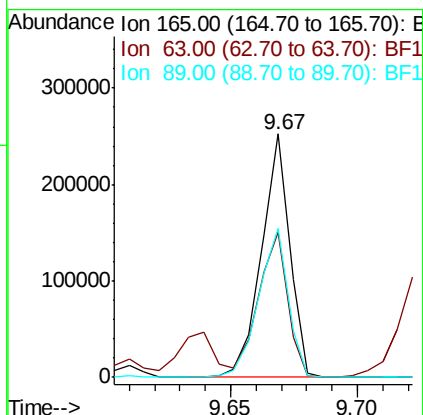
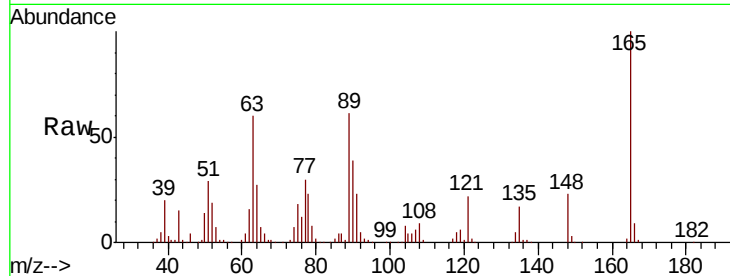




#51
 2,6-Dinitrotoluene
 Concen: 48.601 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

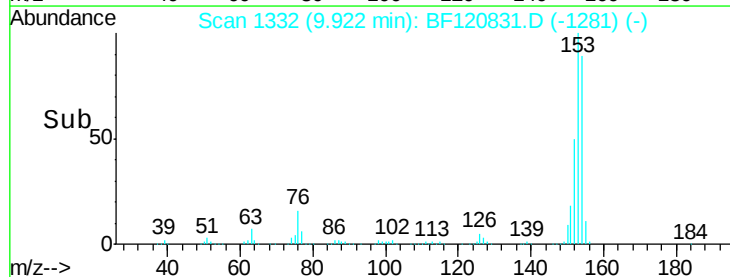
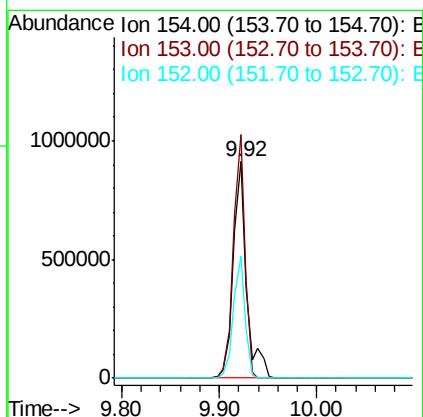
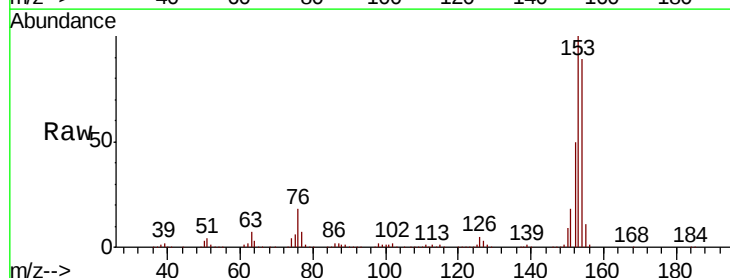
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

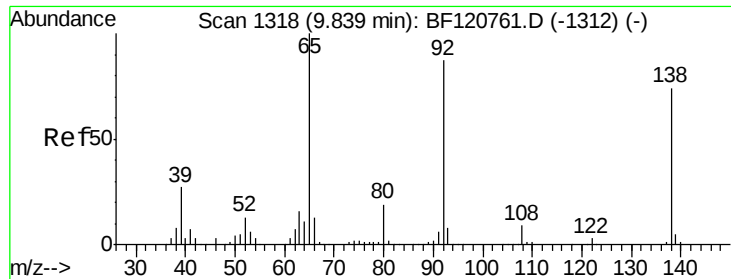
Tot Ion:165 Resp: 197740
 Ion Ratio Lower Upper
 165 100
 63 59.5 54.0 81.0
 89 61.1 55.4 83.2



#52
 Acenaphthene
 Concen: 48.836 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:154 Resp: 860882
 Ion Ratio Lower Upper
 154 100
 153 112.5 88.6 132.8
 152 56.5 43.6 65.4

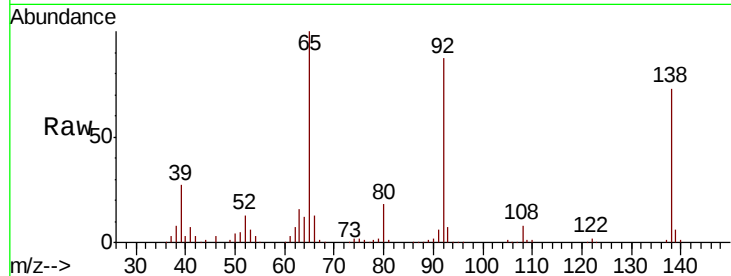




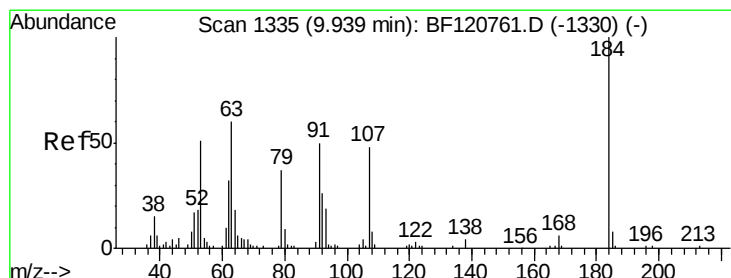
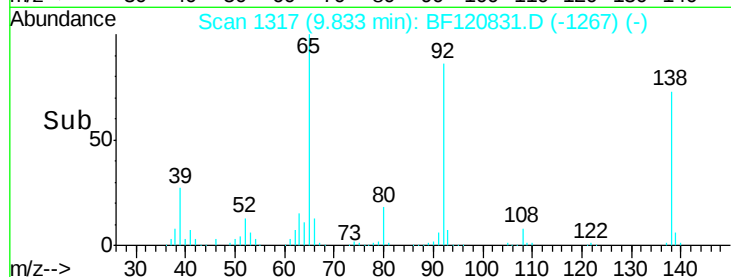
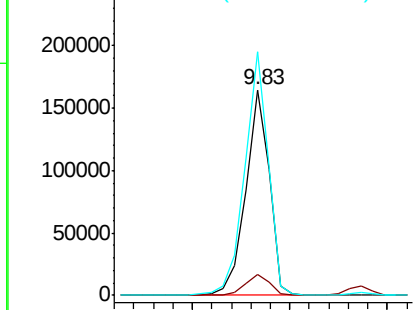
#53
3-Nitroaniline
Concen: 28.473 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion:138 Resp: 137400
Ion Ratio Lower Upper
138 100
108 10.4 9.8 14.6
92 118.5 93.4 140.2

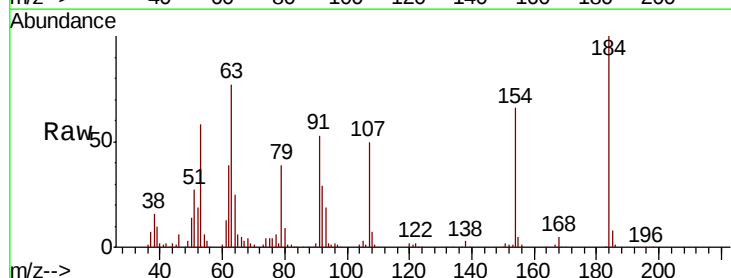


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

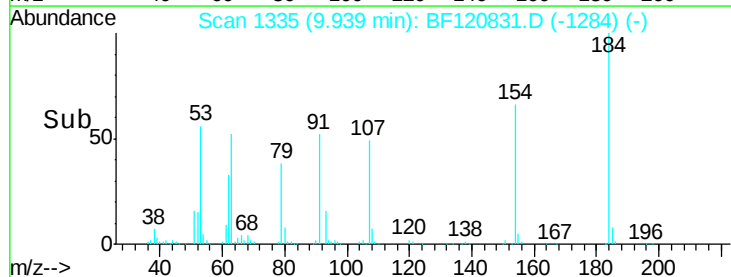
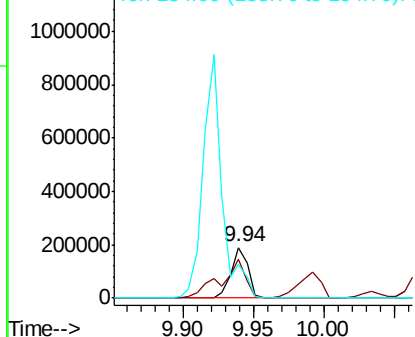


#54
2,4-Dinitrophenol
Concen: 97.802 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:184 Resp: 160305
Ion Ratio Lower Upper
184 100
63 77.0 57.3 85.9
154 66.2 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

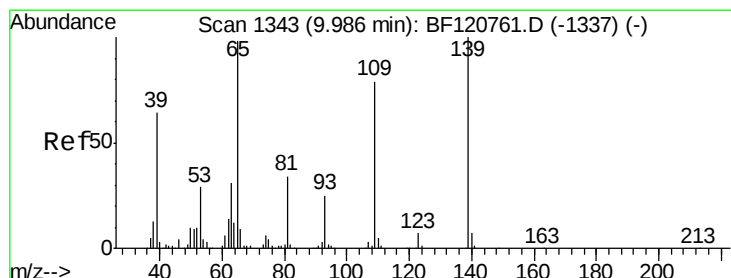
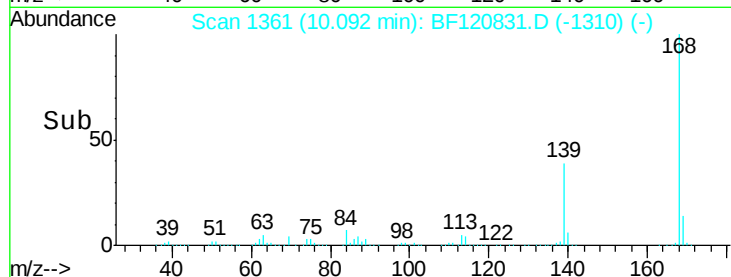
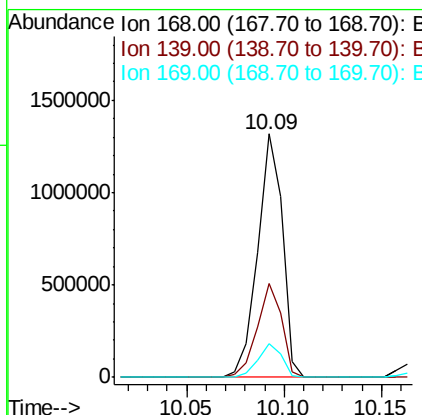
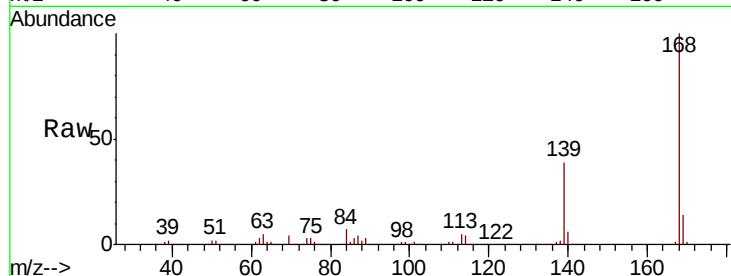




#55
Dibenzenofuran
Concen: 45.428 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

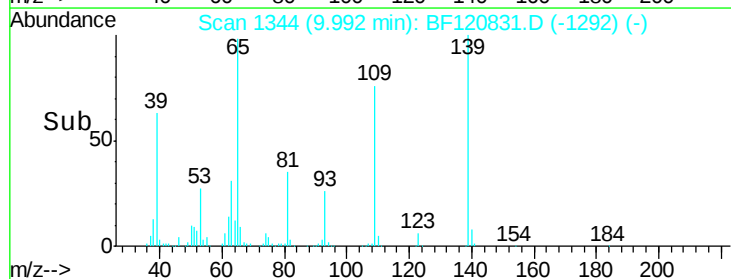
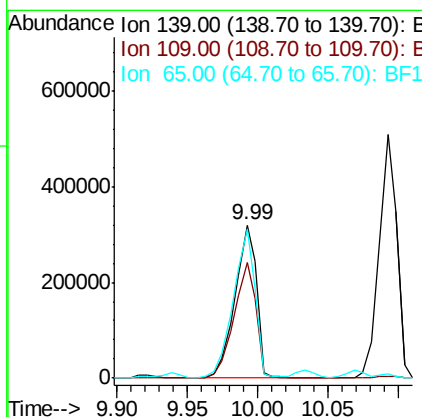
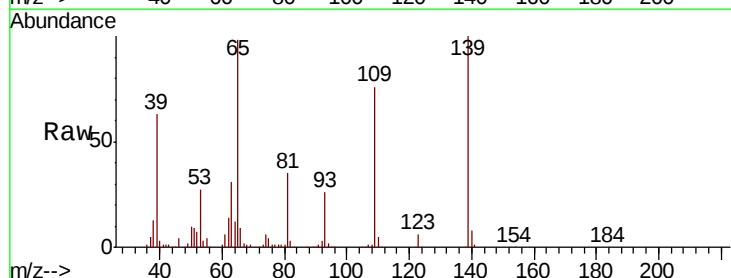
Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion:168 Resp: 1154332
Ion Ratio Lower Upper
168 100
139 38.6 31.3 46.9
169 14.0 11.2 16.8



#56
4-Nitrophenol
Concen: 91.205 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:139 Resp: 343340
Ion Ratio Lower Upper
139 100
109 75.8 58.6 98.6
65 97.6 78.7 118.7

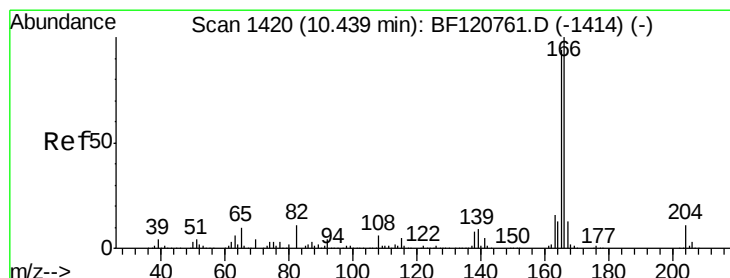
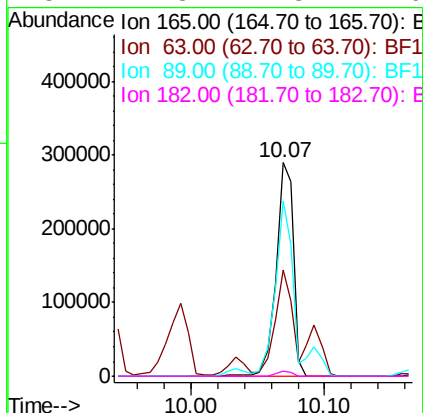
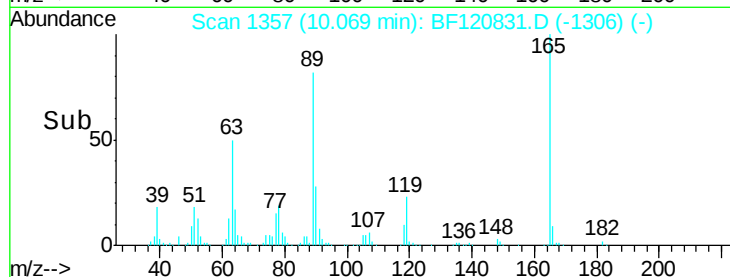
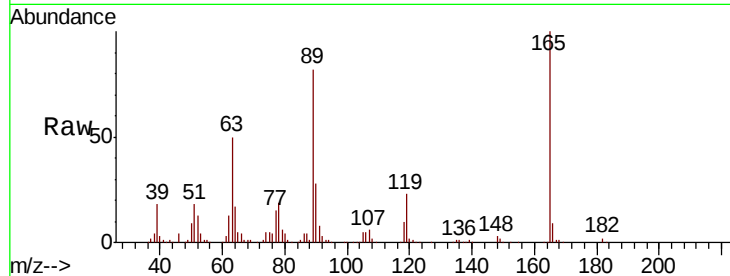




#57
 2,4-Dinitrotoluene
 Concen: 51.909 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

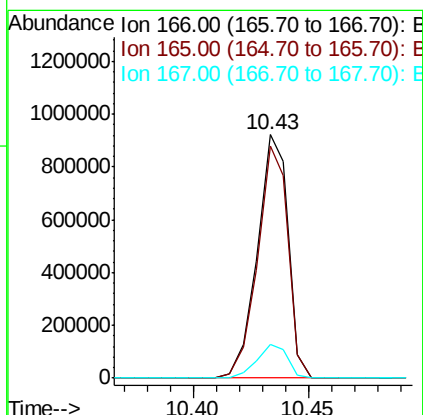
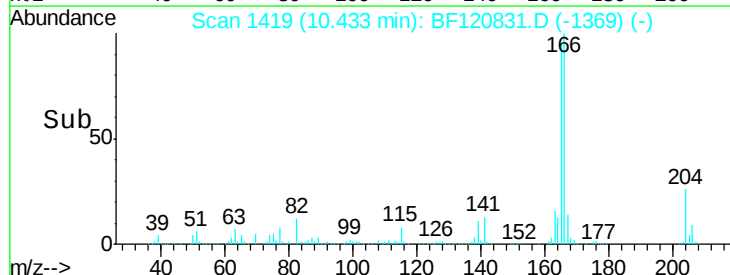
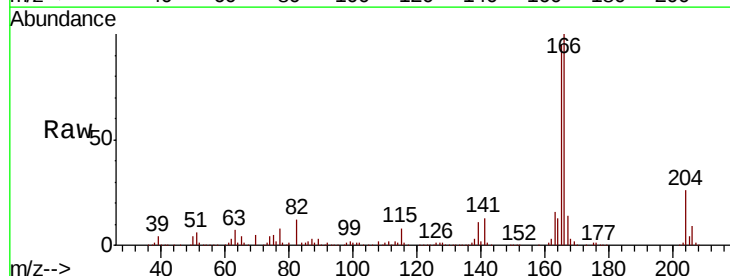
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion:165 Resp: 264268
 Ion Ratio Lower Upper
 165 100
 63 50.0 43.8 65.8
 89 81.9 71.4 107.2
 182 2.3 1.8 2.6



#58
 Fluorene
 Concen: 45.217 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:166 Resp: 855197
 Ion Ratio Lower Upper
 166 100
 165 95.2 75.5 113.3
 167 13.9 10.6 16.0

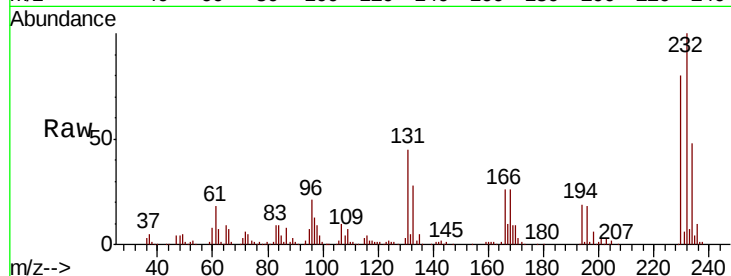




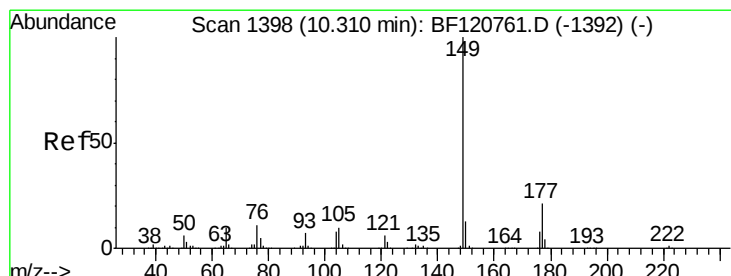
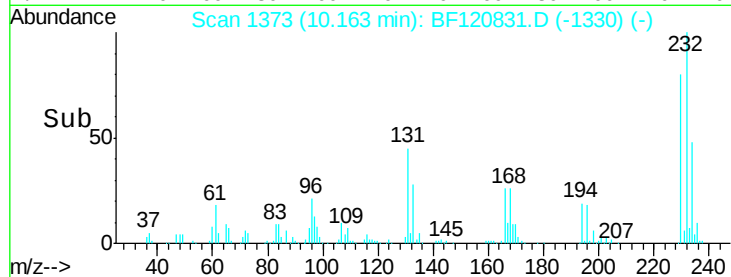
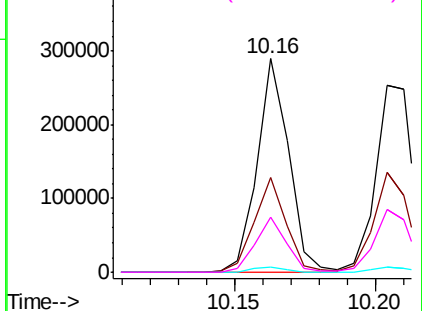
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.188 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion:232 Resp: 225084
Ion Ratio Lower Upper
232 100
131 45.0 36.3 54.5
130 2.7 2.0 3.0
166 25.6 20.9 31.3

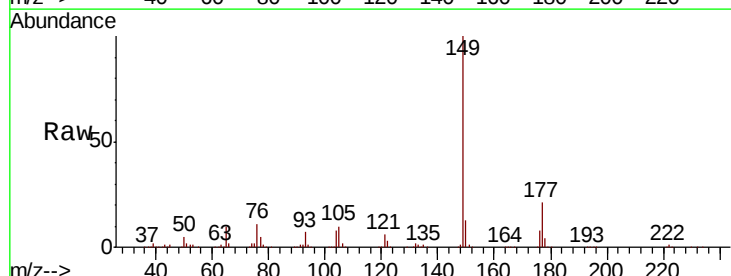


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

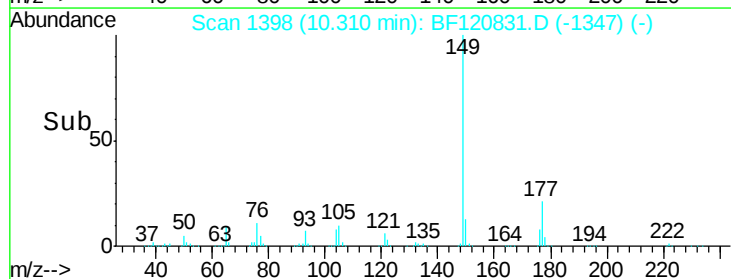
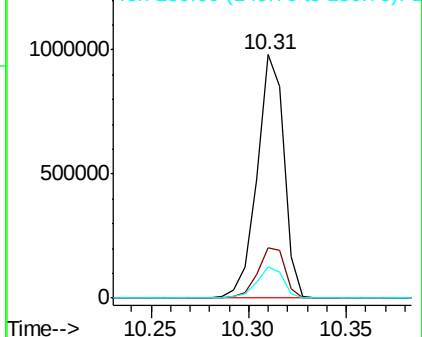


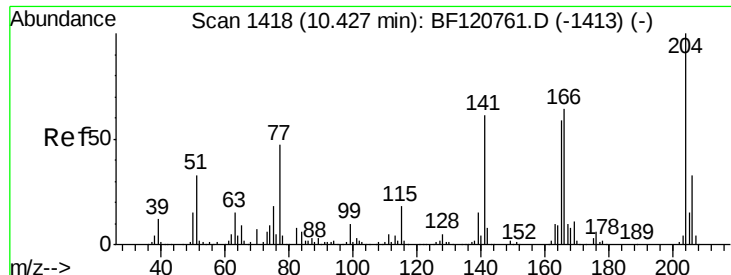
#60
Diethylphthalate
Concen: 43.898 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:149 Resp: 935597
Ion Ratio Lower Upper
149 100
177 20.8 16.4 24.6
150 12.8 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

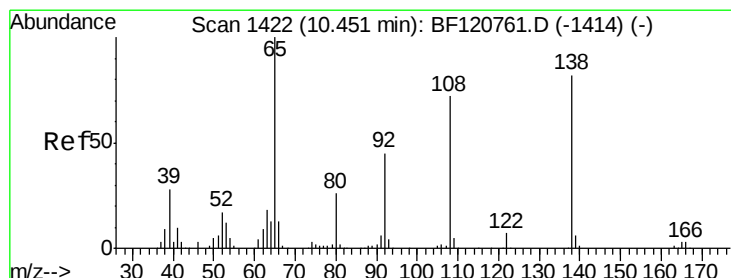
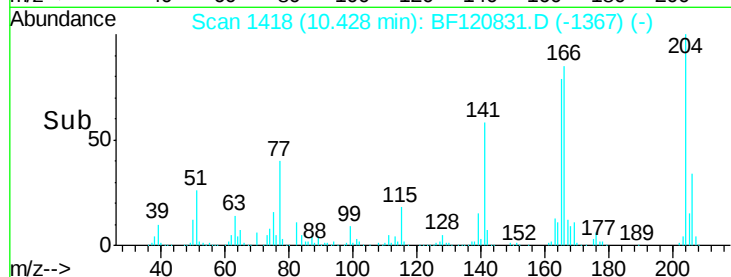
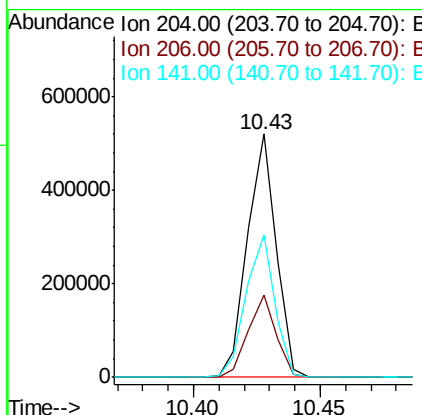
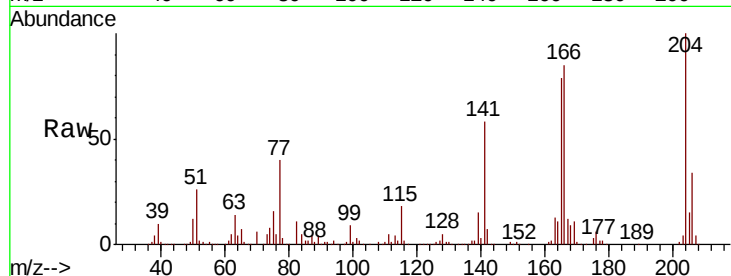




#61
 4-Chlorophenyl-phenylether
 Concen: 43.201 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

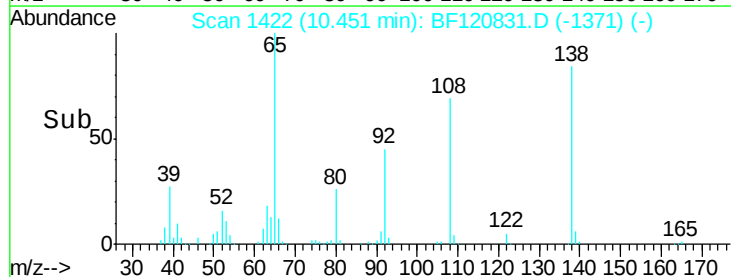
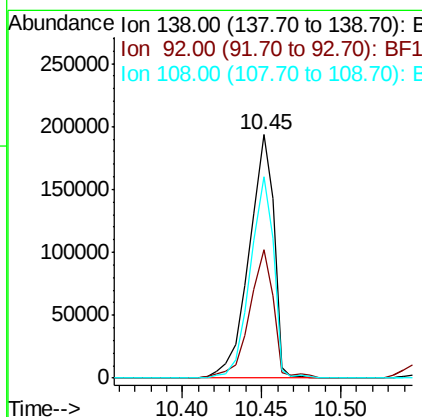
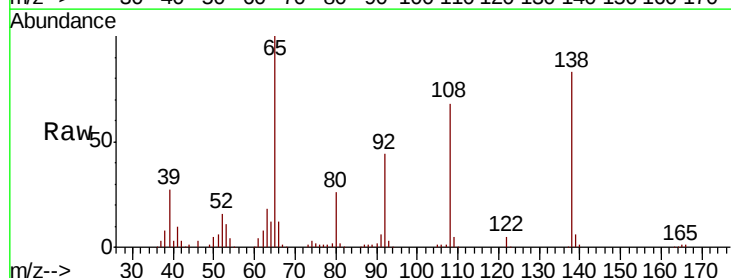
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion:204 Resp: 410753
 Ion Ratio Lower Upper
 204 100
 206 33.9 26.7 40.1
 141 58.3 48.5 72.7



#62
 4-Nitroaniline
 Concen: 48.383 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:138 Resp: 210323
 Ion Ratio Lower Upper
 138 100
 92 53.0 34.3 74.3
 108 82.5 68.3 108.3





#63

Azobenzene

Concen: 44.089 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

Tot Ion: 77 Resp: 961236

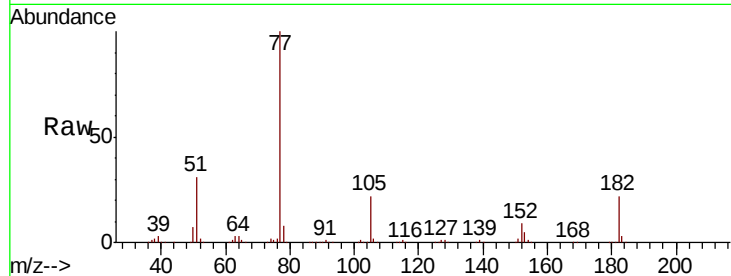
Ion Ratio Lower Upper

77 100

182 22.3 4.0 44.0

105 22.3 2.6 42.6

51 31.4 11.5 51.5

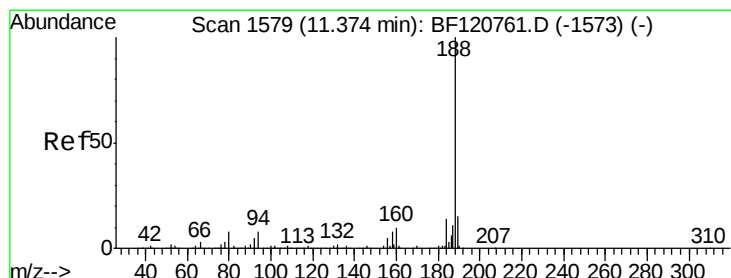
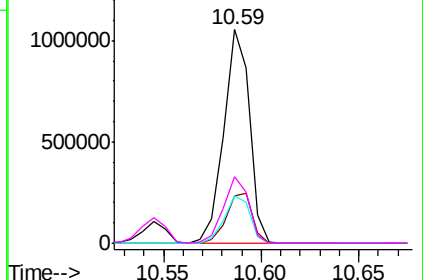
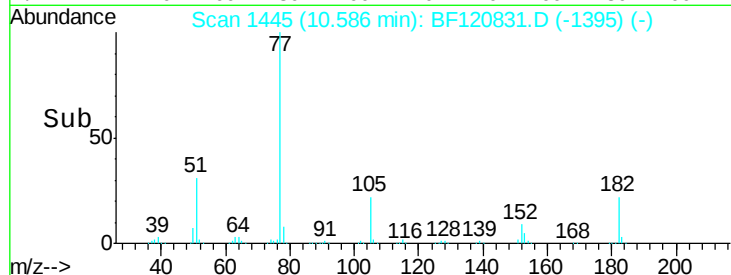


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120831.D

Acq: 10 Jul 2020 15:03

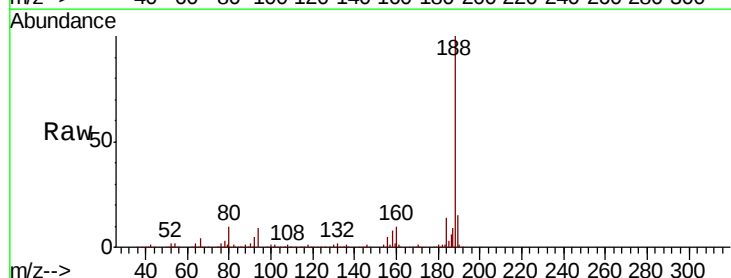
Tgt Ion: 188 Resp: 485579

Ion Ratio Lower Upper

188 100

94 9.3 6.6 9.8

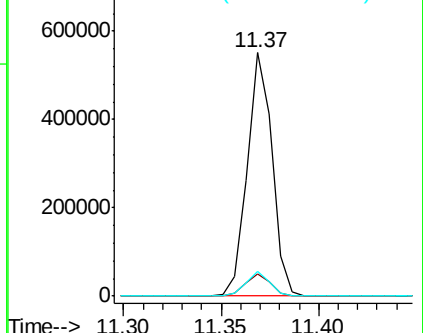
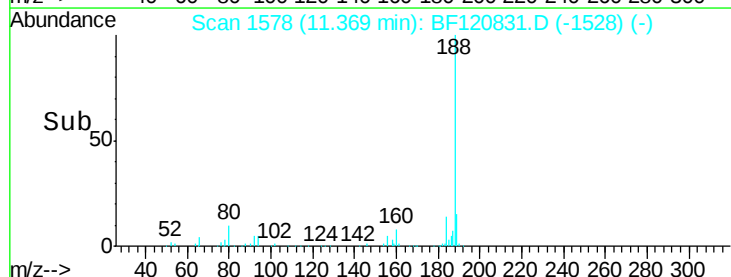
80 10.4 6.6 10.0#



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

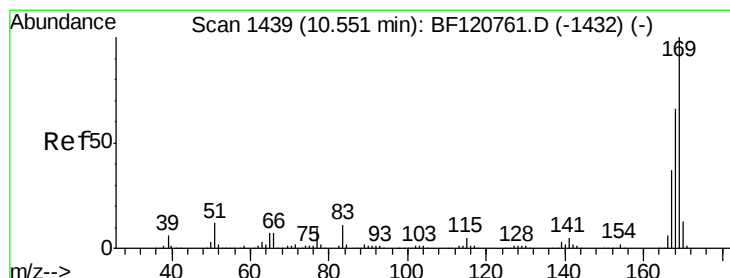
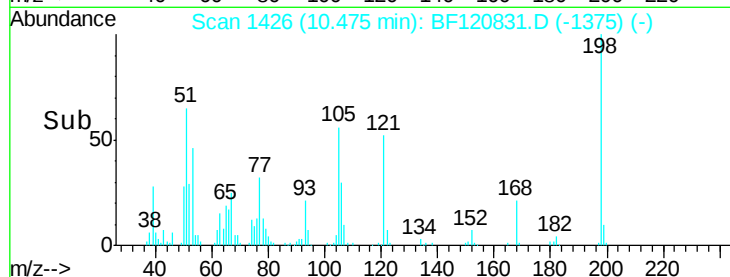
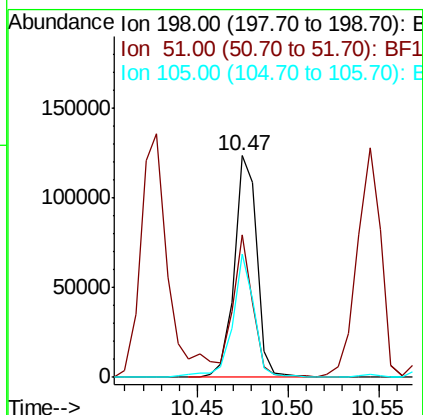
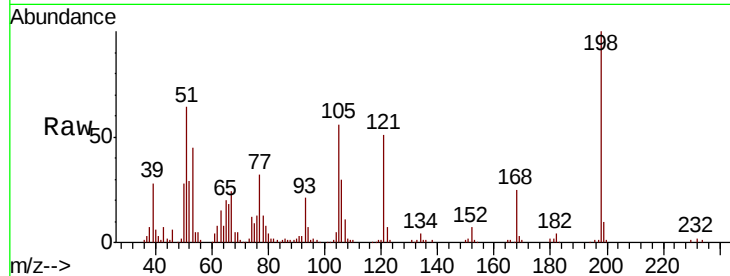




#65
4,6-Dinitro-2-methylphenol
Concen: 51.801 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

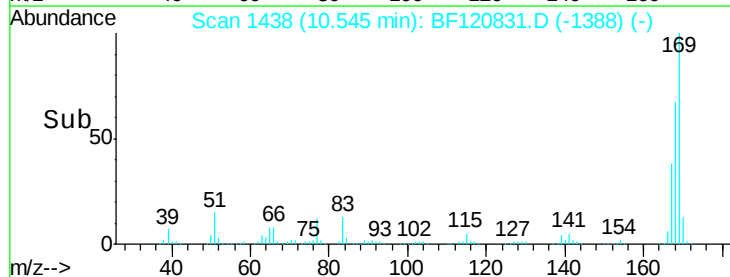
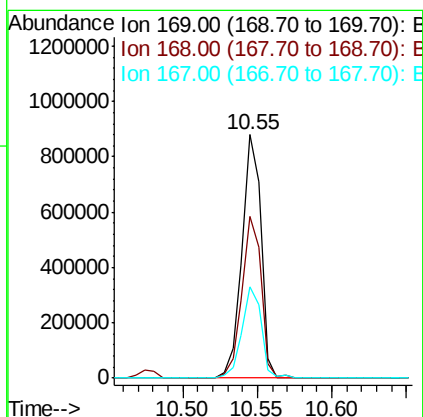
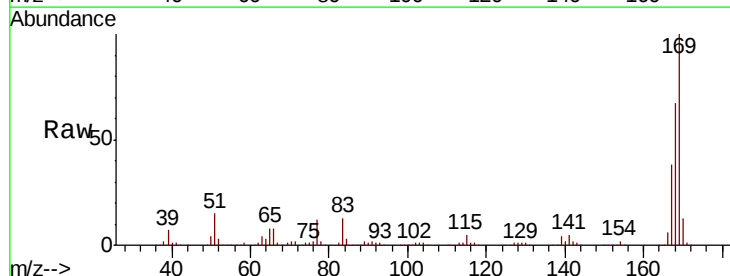
Instrument :
BNA_F
ClientSampleId :
PB130117BS

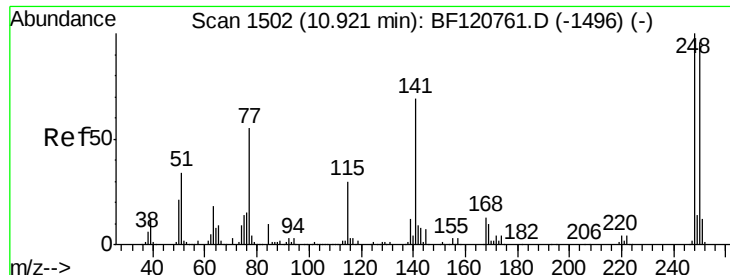
Tot Ion:198 Resp: 107102
Ion Ratio Lower Upper
198 100
51 64.1 50.0 90.0
105 55.7 38.3 78.3



#66
n-Nitrosodiphenylamine
Concen: 47.940 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:169 Resp: 780250
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 37.7 29.6 44.4

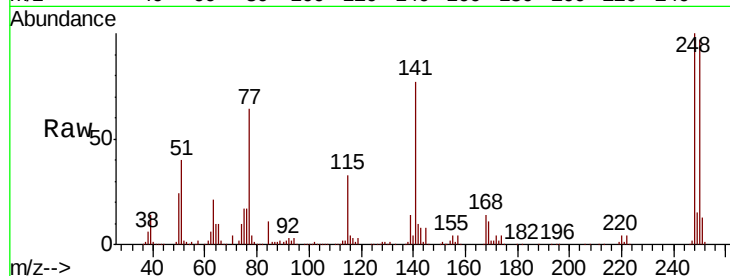




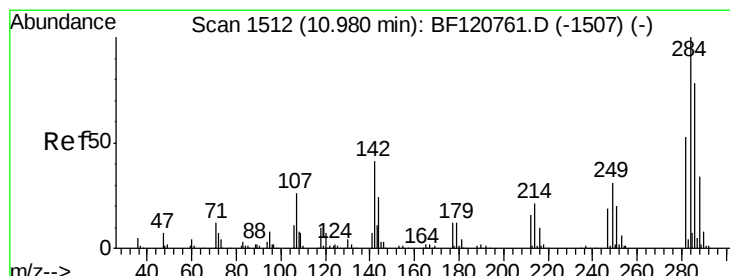
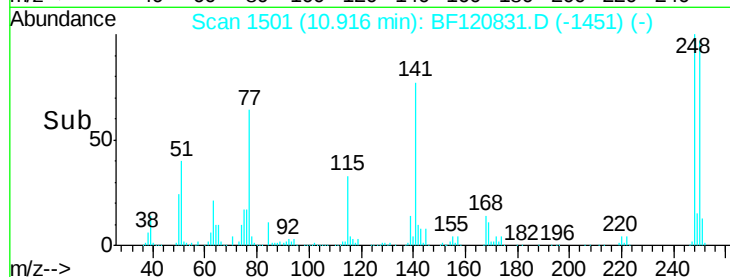
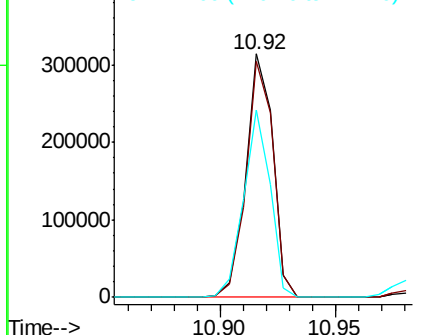
#67
 4-Bromophenyl-phenylether
 Concen: 45.686 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion:248 Resp: 257339
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.5 114.7
 141 76.7 54.9 82.3

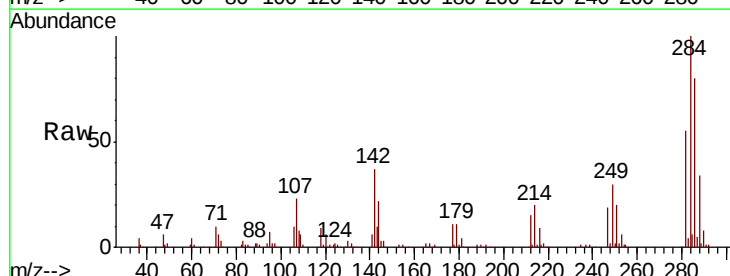


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

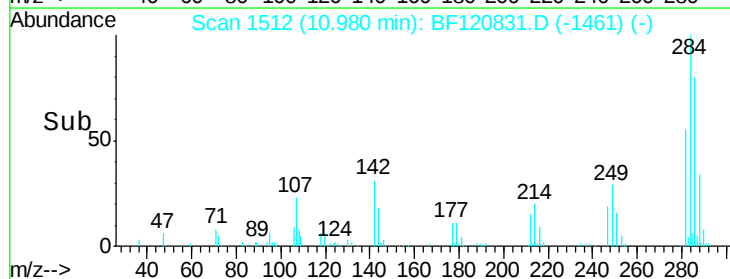
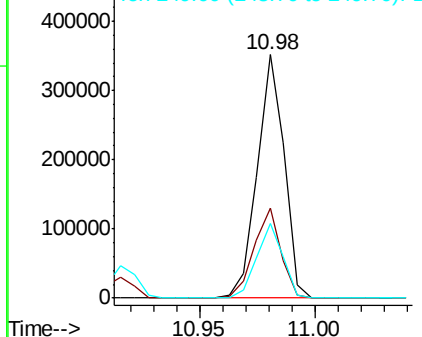


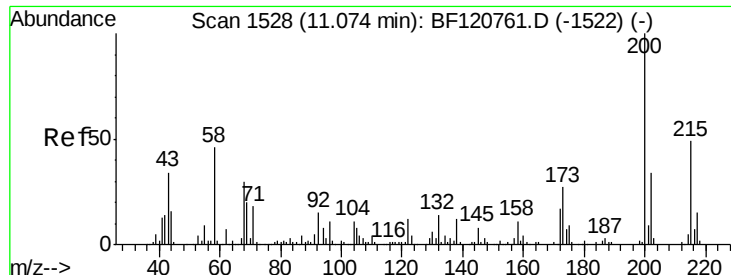
#68
 Hexachlorobenzene
 Concen: 48.410 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:284 Resp: 286136
 Ion Ratio Lower Upper
 284 100
 142 36.9 32.5 48.7
 249 30.5 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: 51.033 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

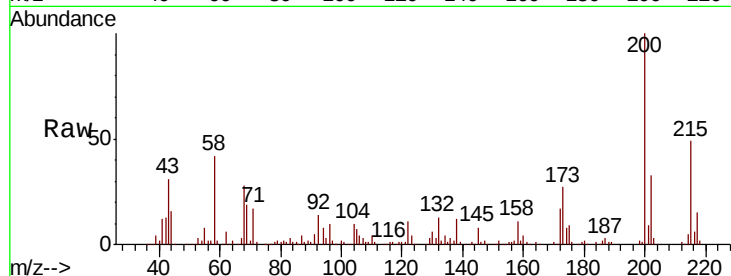
Tot Ion:200 Resp: 213978

Ion Ratio Lower Upper

200 100

173 26.7 7.4 47.4

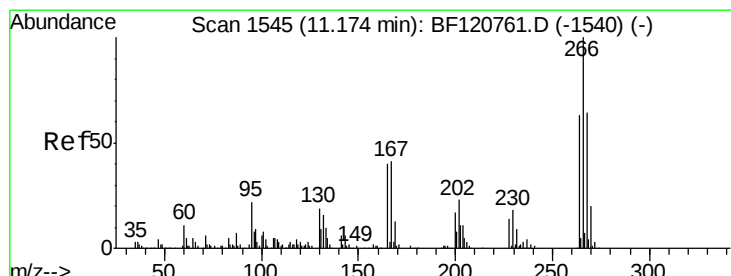
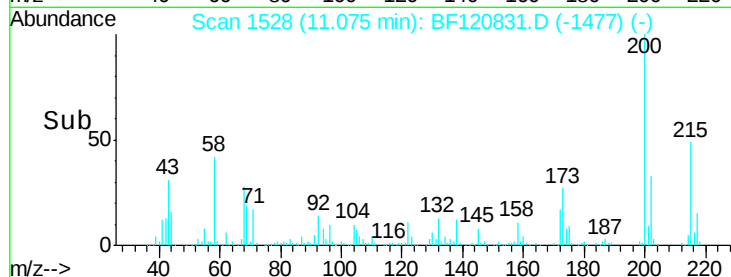
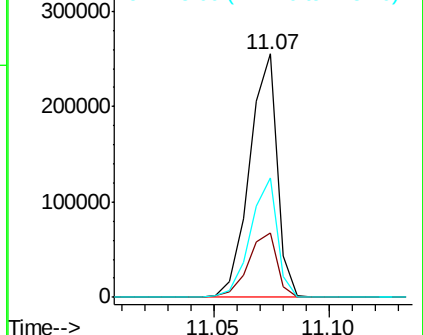
215 49.0 28.8 68.8



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: 96.958 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

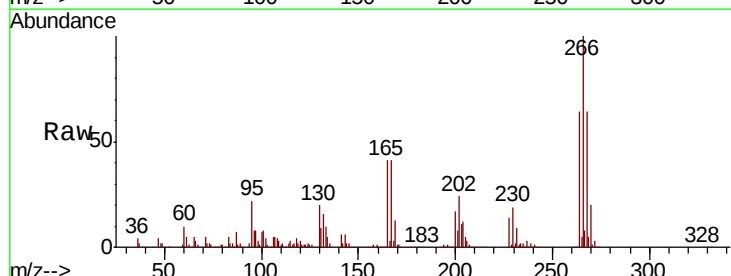
Tgt Ion:266 Resp: 324241

Ion Ratio Lower Upper

266 100

268 63.7 51.4 77.2

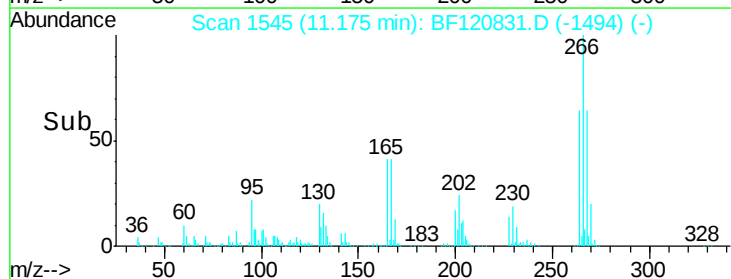
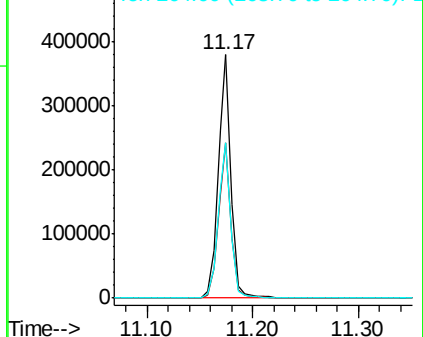
264 63.9 50.6 75.8

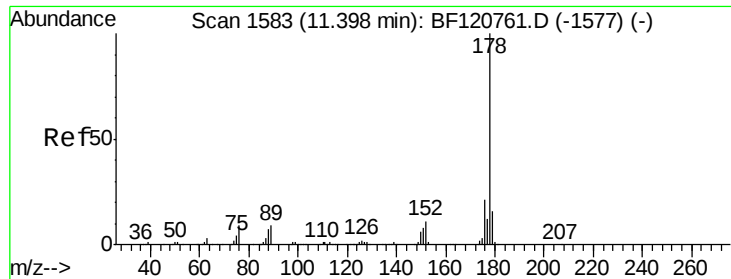


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

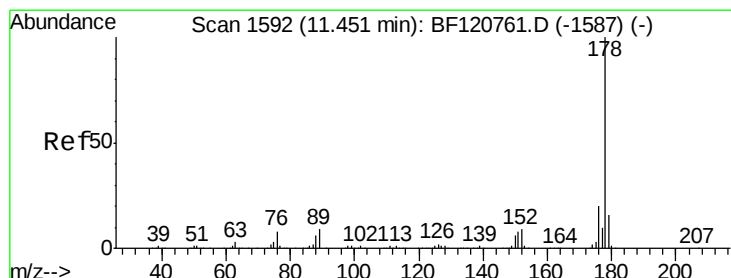
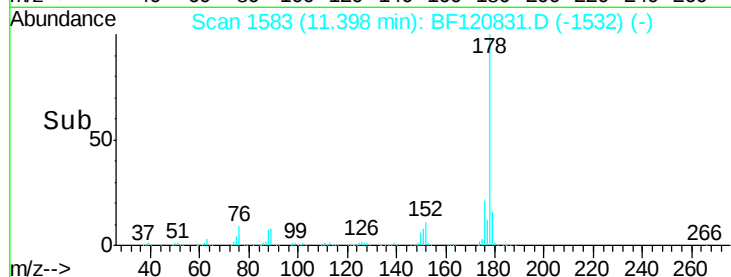
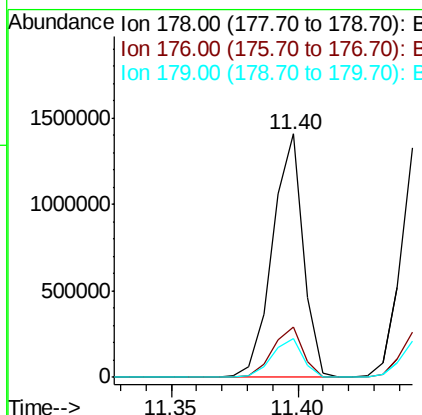
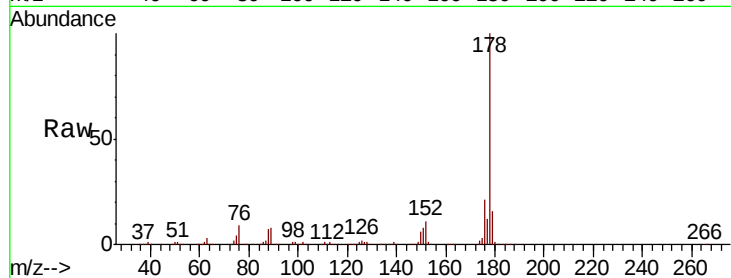




#71
Phenanthrene
Concen: 45.375 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

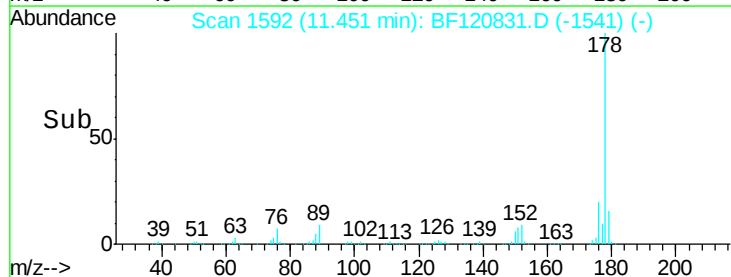
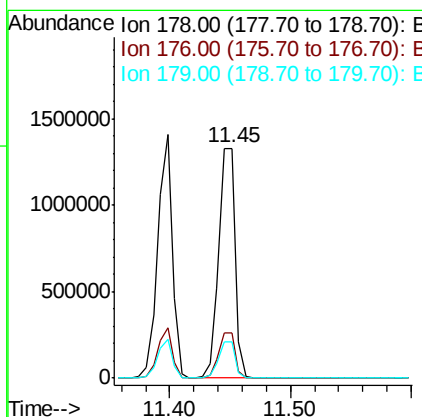
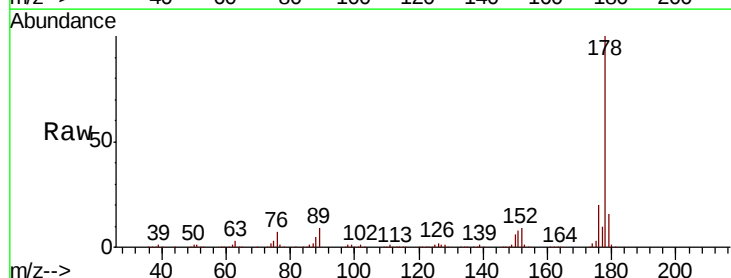
Instrument :
BNA_F
ClientSampleId :
PB130117BS

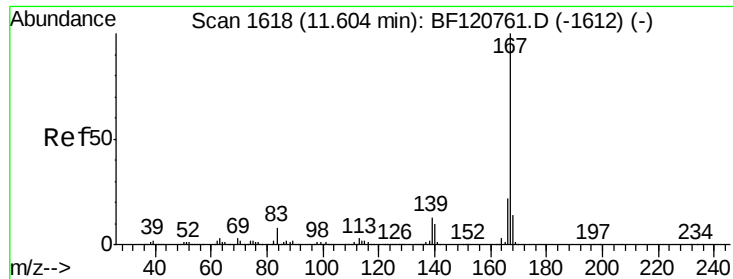
Tot Ion:178 Resp: 1195503
Ion Ratio Lower Upper
178 100
176 20.6 16.4 24.6
179 15.9 12.9 19.3



#72
Anthracene
Concen: 46.385 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:178 Resp: 1234951
Ion Ratio Lower Upper
178 100
176 19.9 16.2 24.2
179 15.9 12.7 19.1



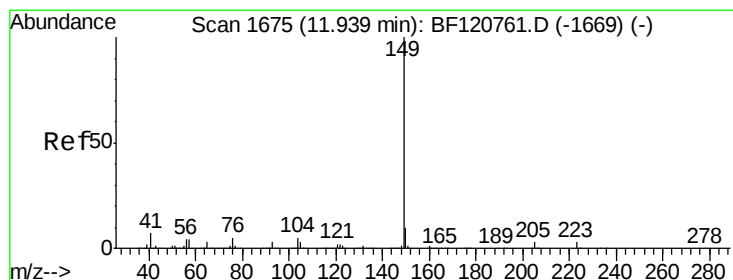
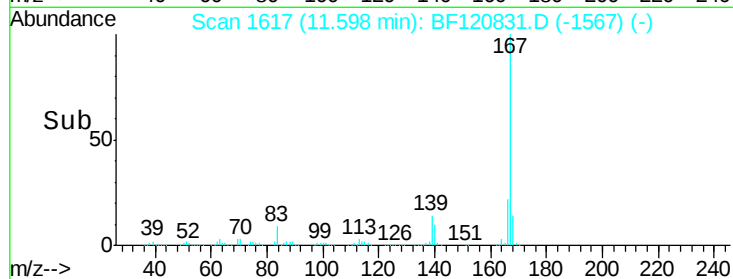
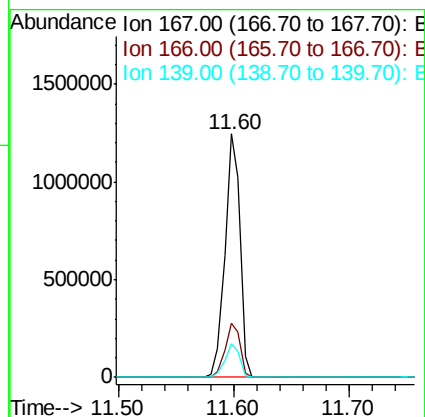
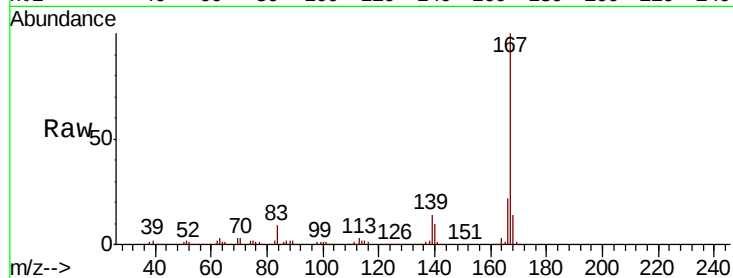


#73
 Carbazole
 Concen: 43.869 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

Tot Ion:167 Resp: 1122366

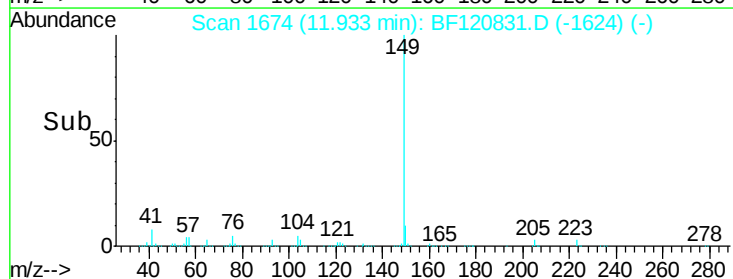
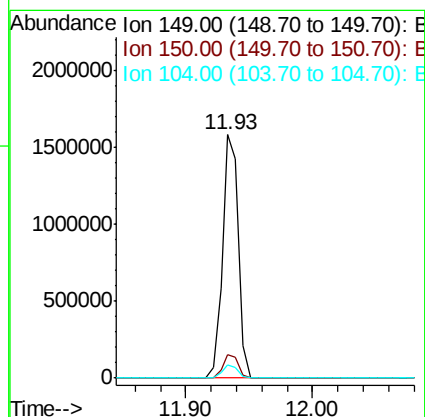
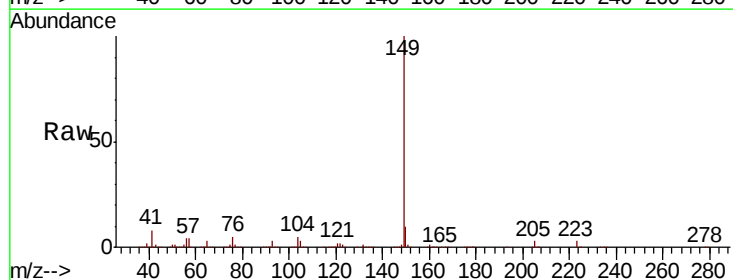
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.8	10.7	16.1

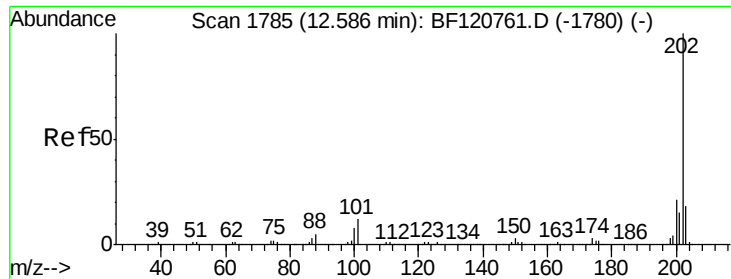


#74
 Di-n-butylphthalate
 Concen: 43.402 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion:149 Resp: 1374783

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	4.0	6.0





#75

Fluoranthene

Concen: 44.617 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

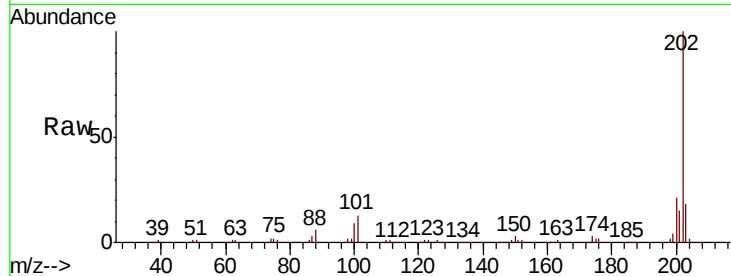
Tot Ion:202 Resp: 1252255

Ion Ratio Lower Upper

202 100

101 12.6 0.0 31.6

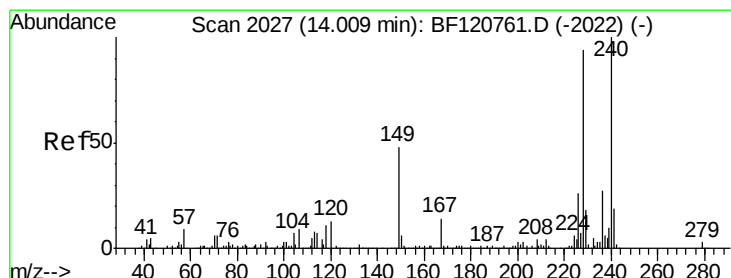
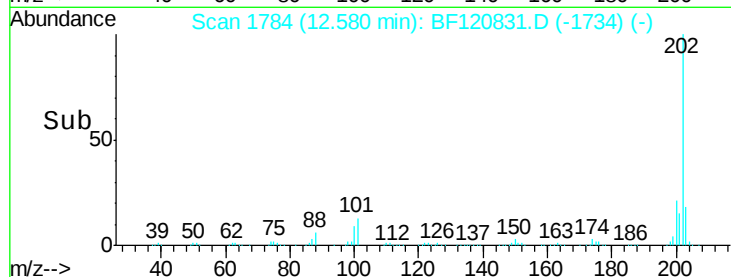
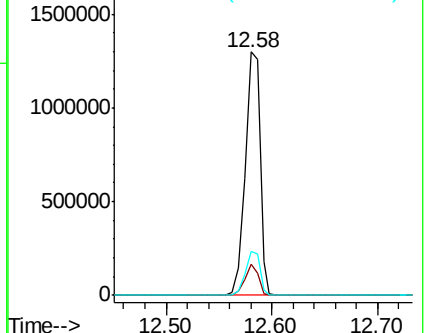
203 18.1 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

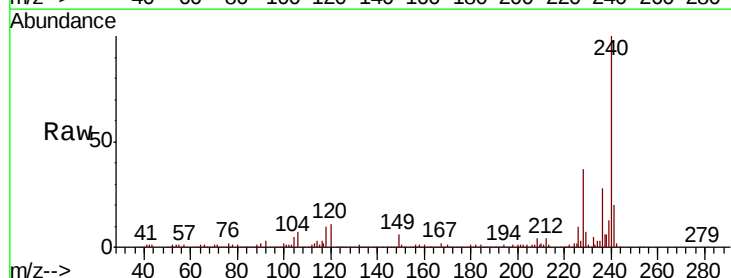
Tgt Ion:240 Resp: 328635

Ion Ratio Lower Upper

240 100

120 10.9 10.3 15.5

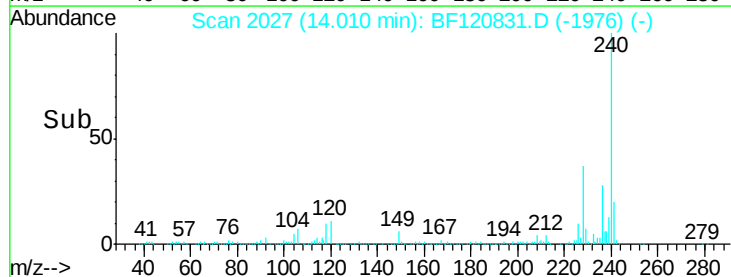
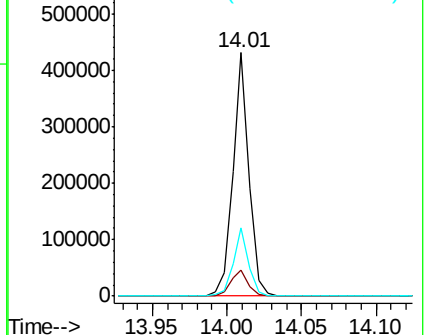
236 27.9 21.4 32.2

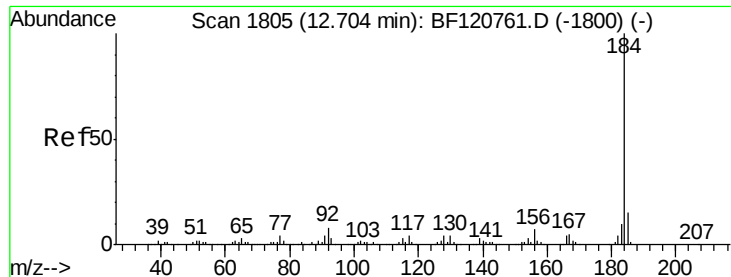


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 58.697 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

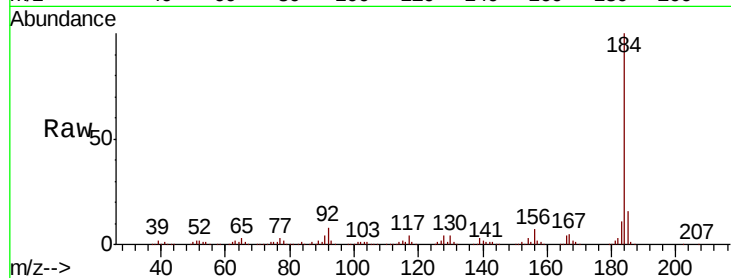
Tot Ion:184 Resp: 544476

Ion Ratio Lower Upper

184 100

185 15.9 11.8 17.8

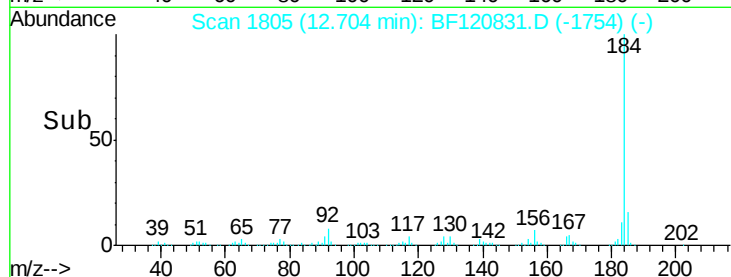
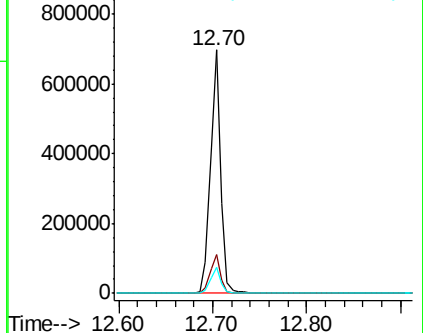
183 10.8 8.3 12.5



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: 47.957 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

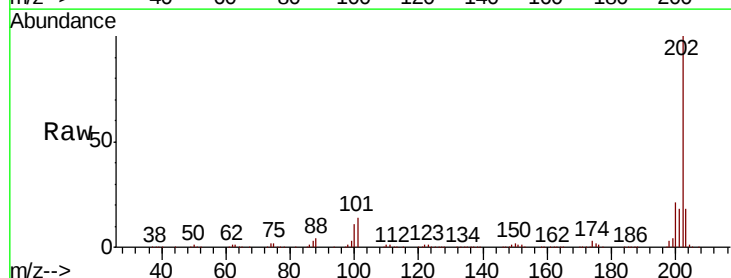
Tgt Ion:202 Resp: 1258701

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

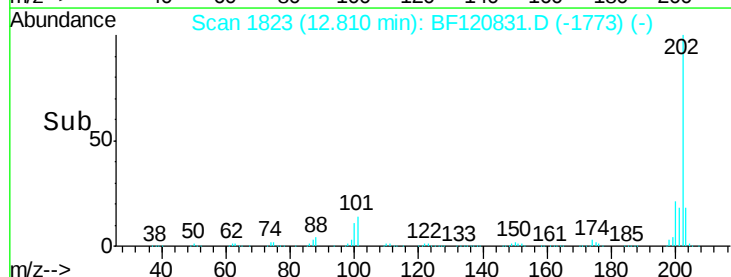
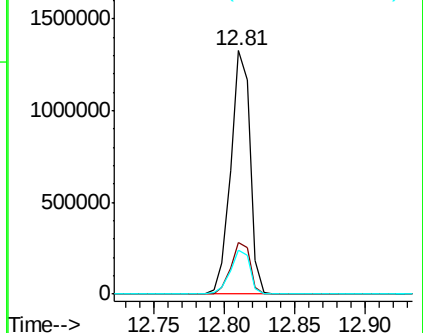
203 18.1 14.6 22.0



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: 105.561 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

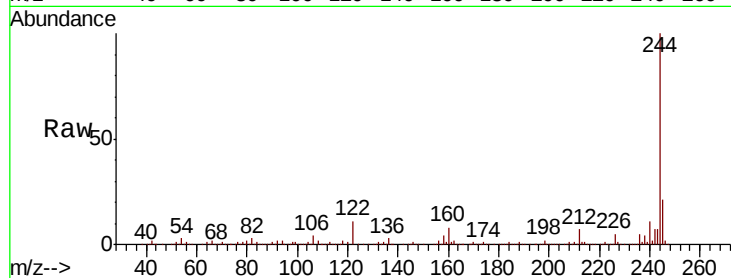
Tot Ion:244 Resp: 1771858

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

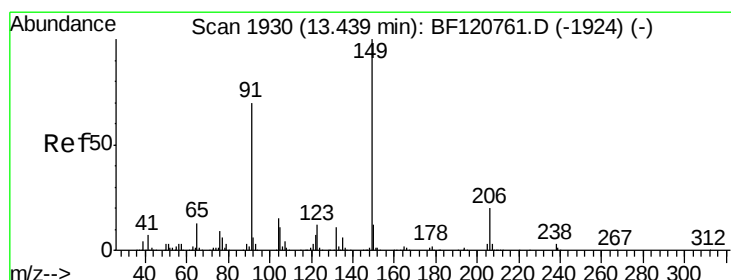
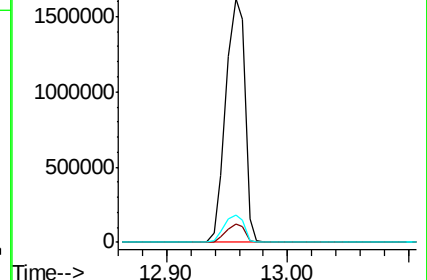
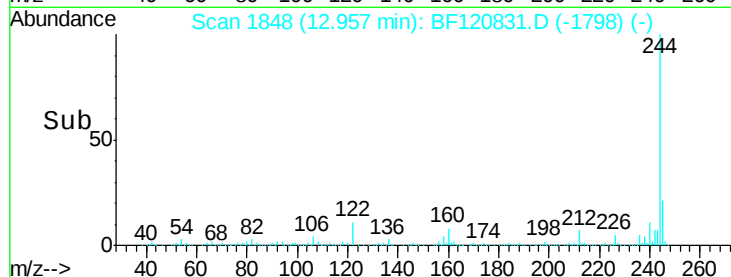
122 11.0 9.0 13.4



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: 44.849 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

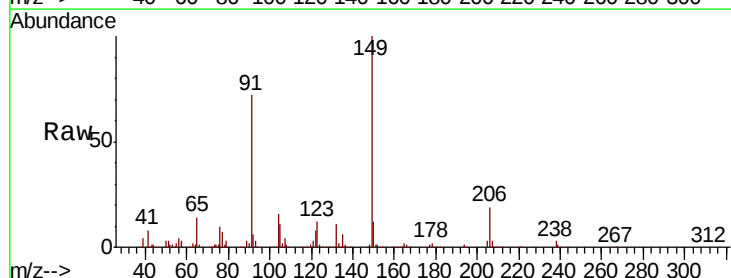
Tgt Ion:149 Resp: 508214

Ion Ratio Lower Upper

149 100

91 72.0 55.8 83.8

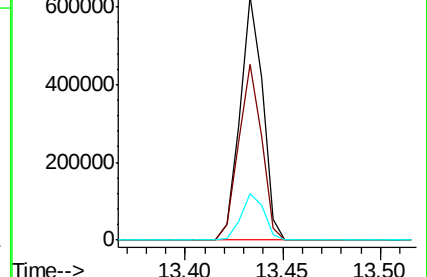
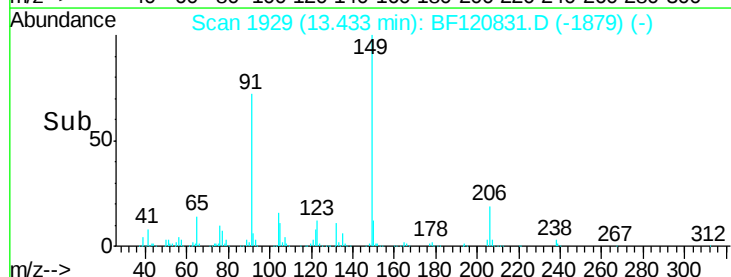
206 19.3 15.7 23.5

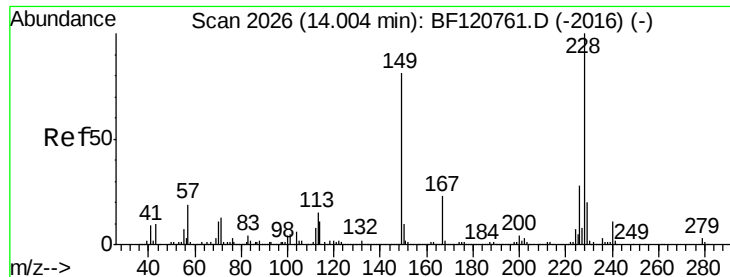


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

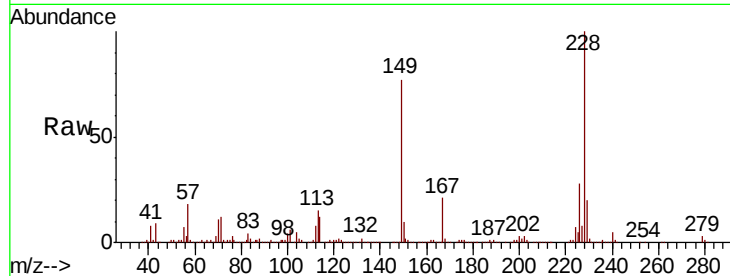




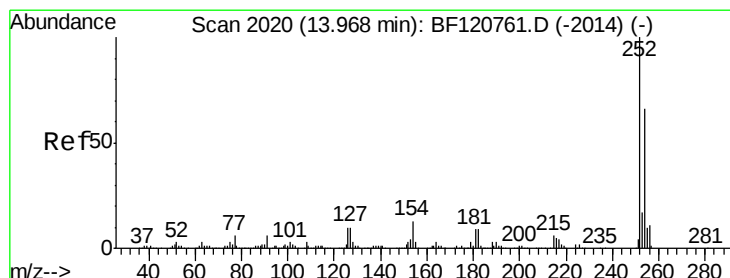
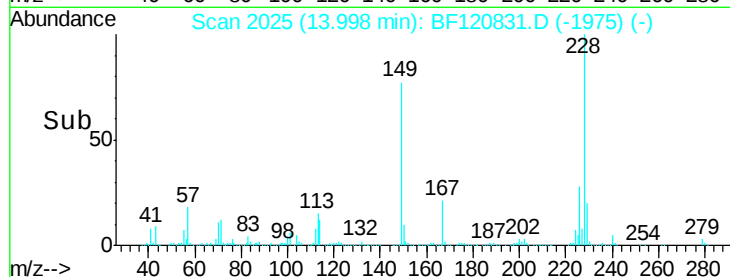
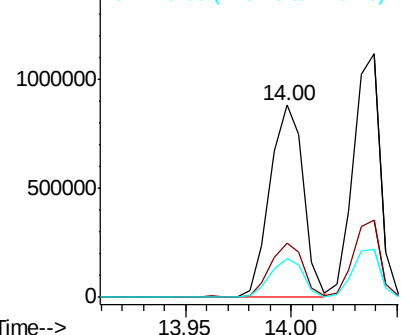
#81
Benzo(a)anthracene
Concen: 46.079 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleID :
PB130117BS

Tot Ion:228 Resp: 970710
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.5 15.8 23.6

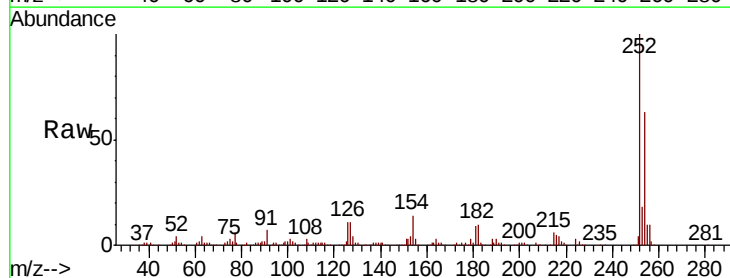


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

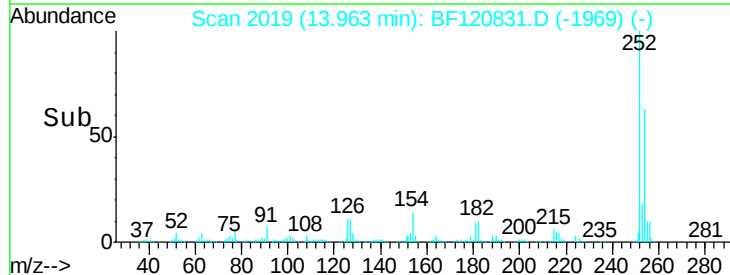
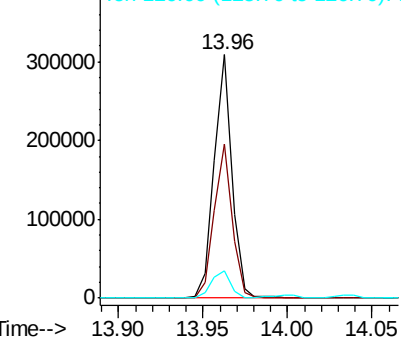


#82
3,3'-Dichlorobenzidine
Concen: 31.996 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion:252 Resp: 227464
Ion Ratio Lower Upper
252 100
254 63.3 52.6 78.8
126 11.1 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 46.798 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

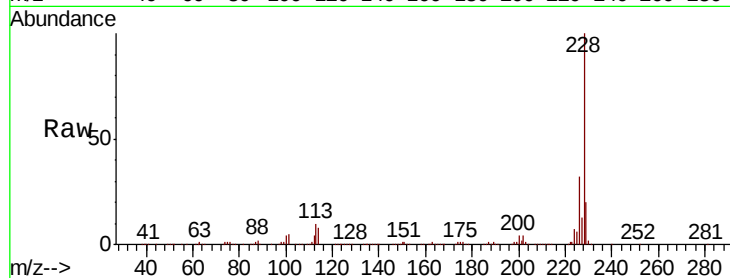
Tot Ion:228 Resp: 1005589

Ion Ratio Lower Upper

228 100

226 31.7 25.7 38.5

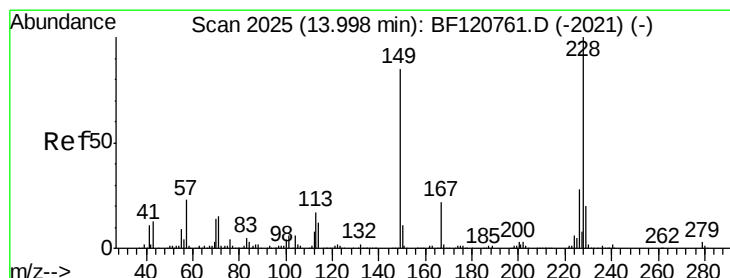
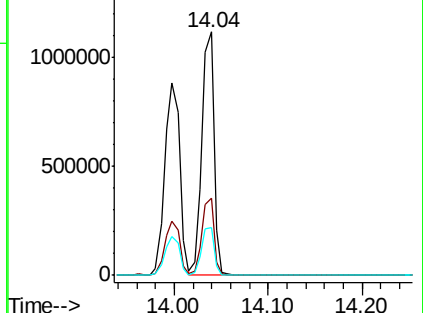
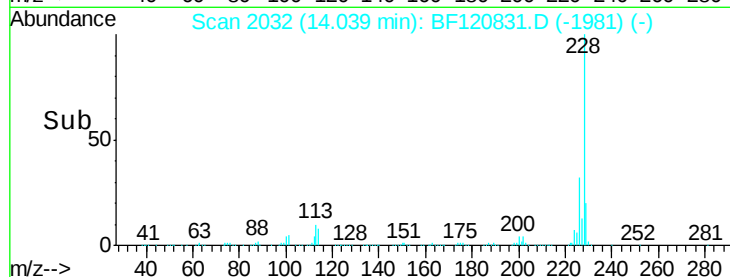
229 19.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.059 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

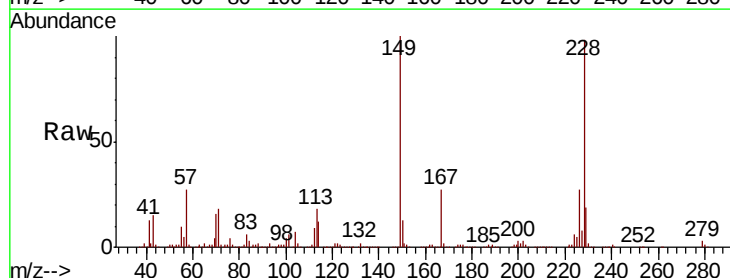
Tgt Ion:149 Resp: 654702

Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

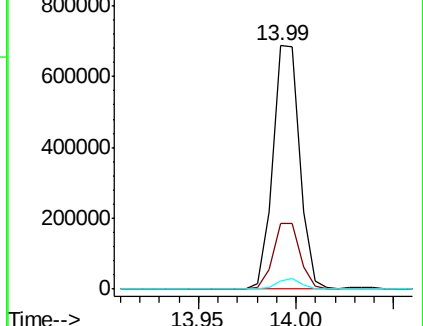
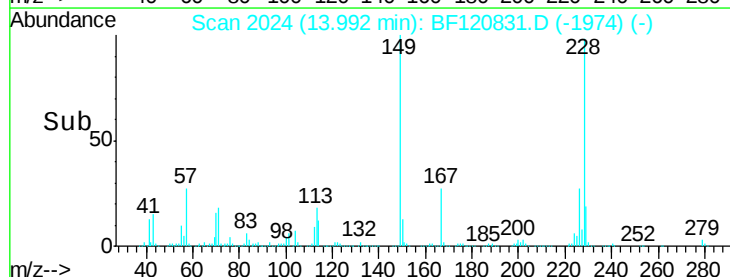
279 3.2 2.6 4.0



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: 42.605 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

Instrument :

BNA_F

ClientSampleId :

PB130117BS

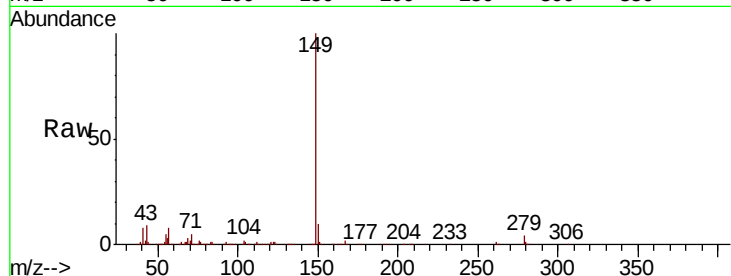
Tot Ion:149 Resp: 1120005

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

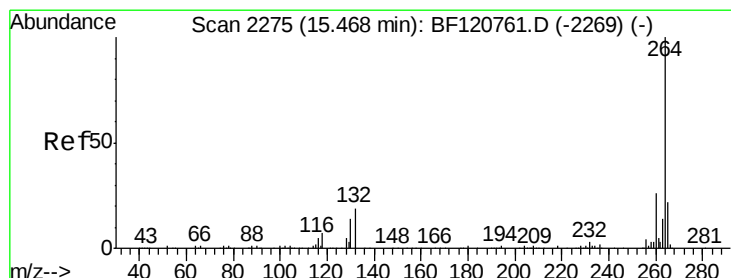
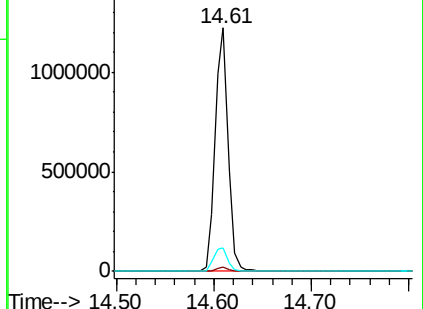
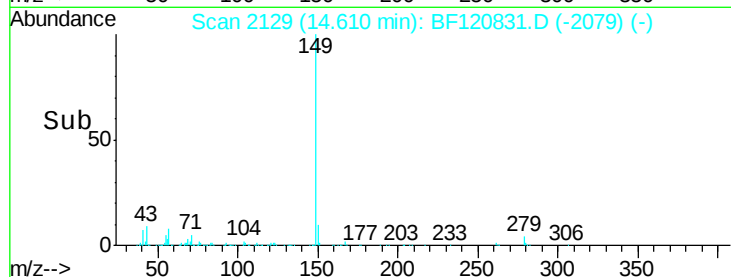
43 10.6 8.7 13.1



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: 15.47 min Scan# 2275

Delta R.T. 0.00 min

Lab File: BF120831.D

Acq: 10 Jul 2020 15:03

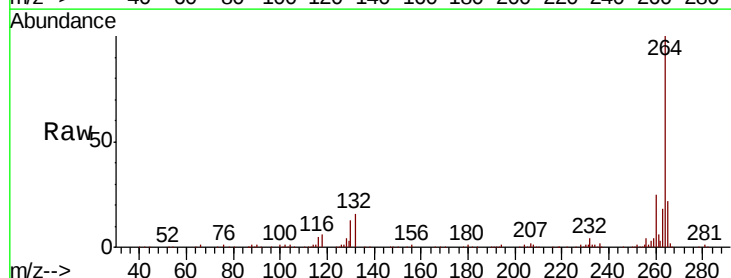
Tgt Ion:264 Resp: 277222

Ion Ratio Lower Upper

264 100

260 24.6 20.6 30.8

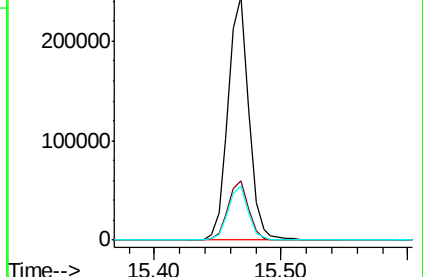
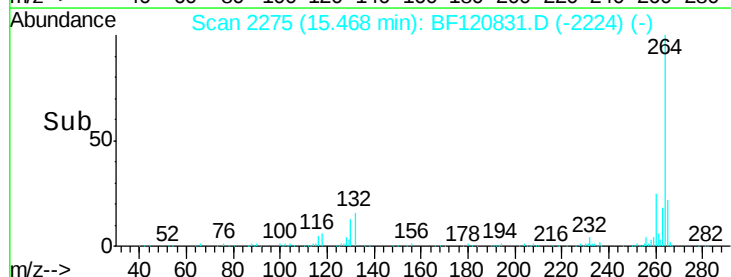
265 22.0 17.6 26.4

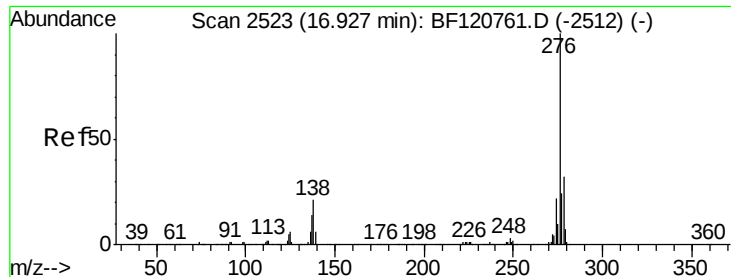


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

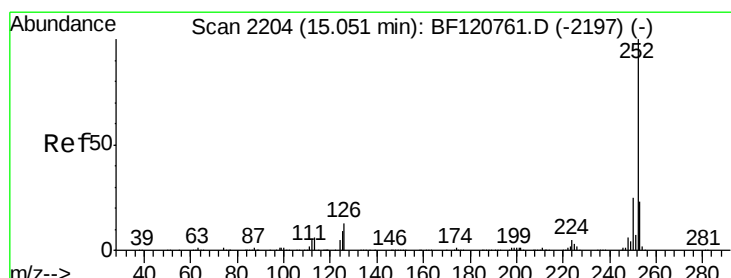
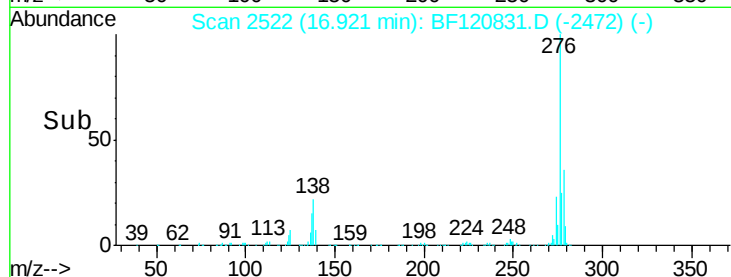
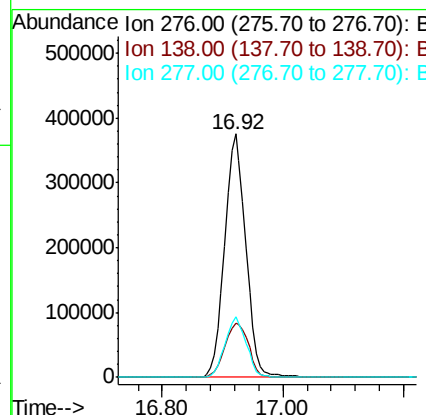
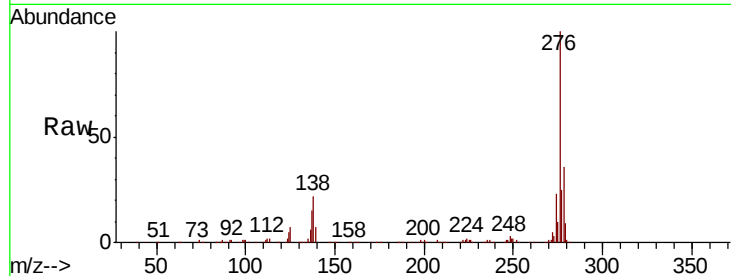




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.344 ng
 RT: 16.92 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

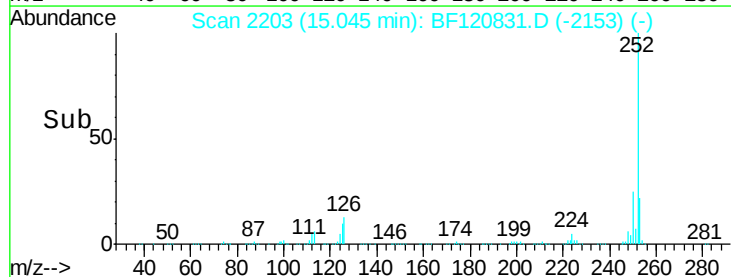
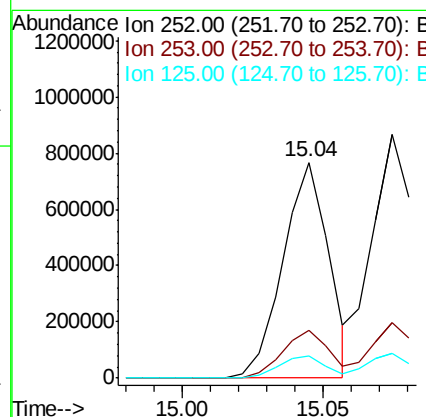
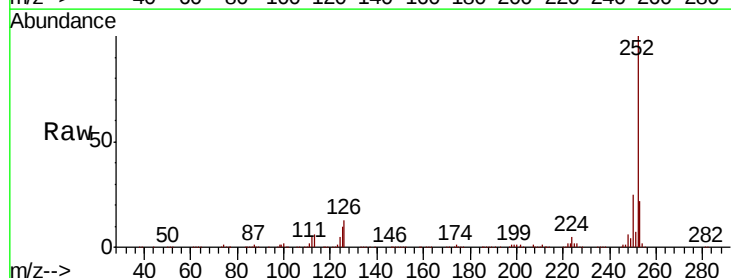
Instrument :
 BNA_F
 ClientSampleId :
 PB130117BS

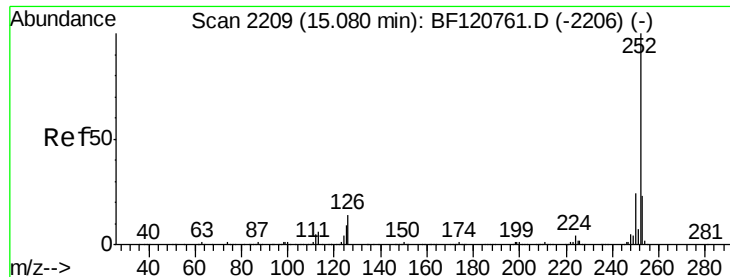
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.8	29.8
277	25.0	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 47.243 ng
 RT: 15.04 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BF120831.D
 Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	10.1	7.5	11.3

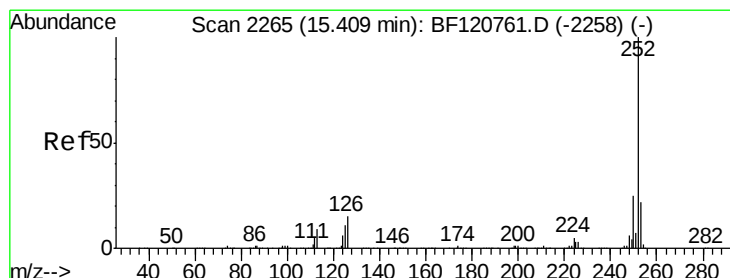
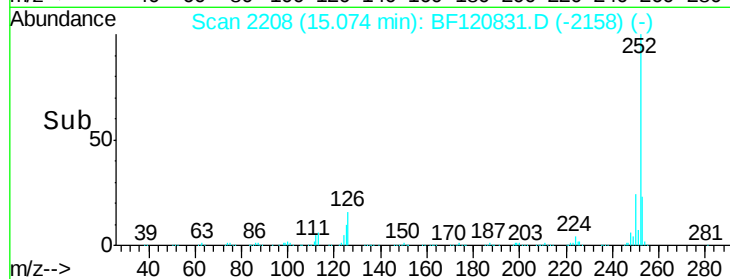
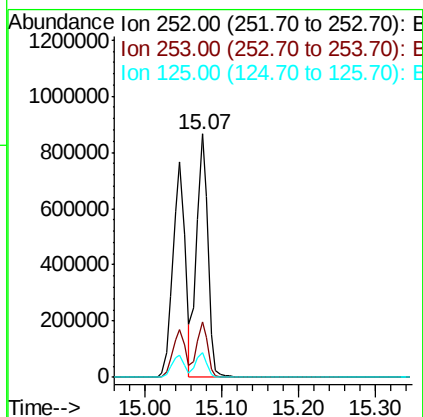
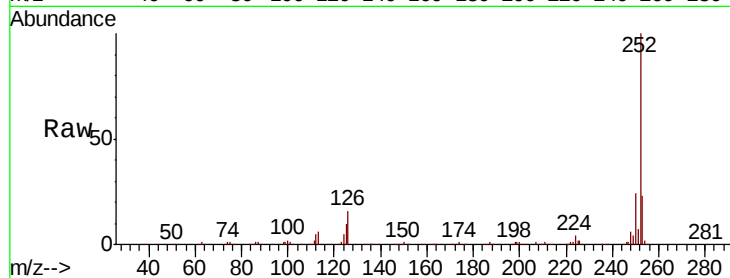




#89
Benzo(k)fluoranthene
Concen: 50.509 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

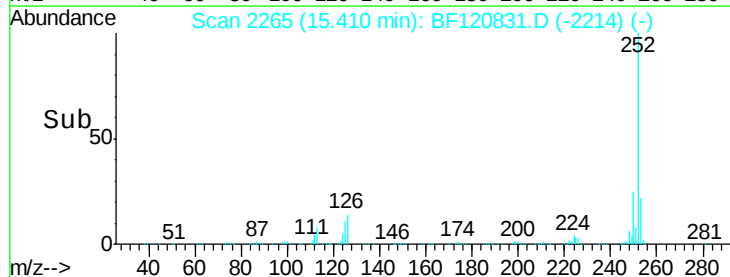
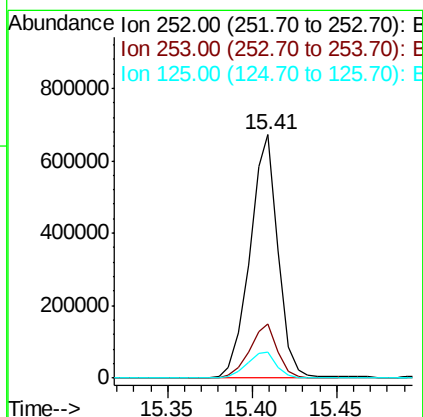
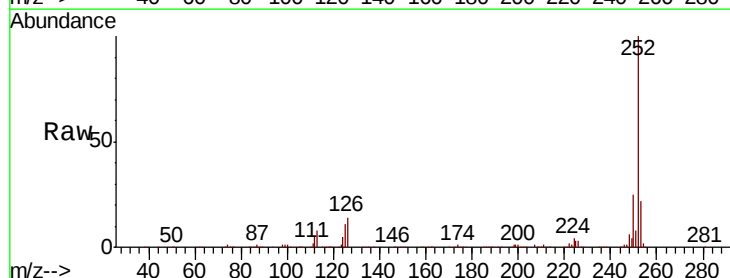
Instrument :
BNA_F
ClientSampleId :
PB130117BS

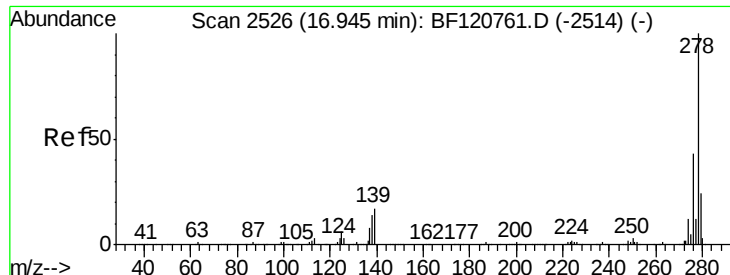
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	10.3	7.6	11.4



#90
Benzo(a)pyrene
Concen: 47.819 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	10.5	9.2	13.8

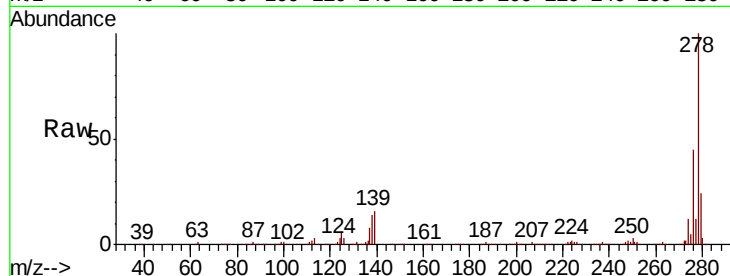




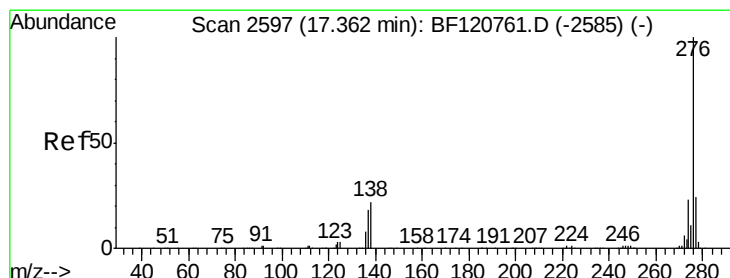
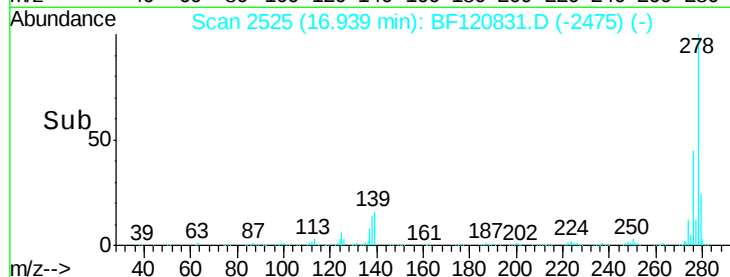
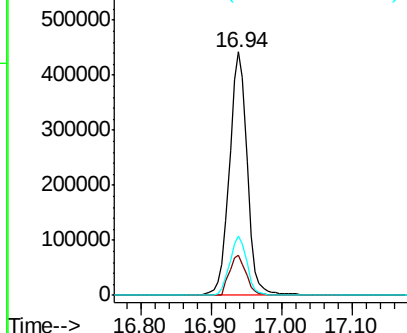
#91
Dibenzo(a,h)anthracene
Concen: 52.428 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Instrument :
BNA_F
ClientSampleId :
PB130117BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.3	19.9
279	24.4	19.0	28.6

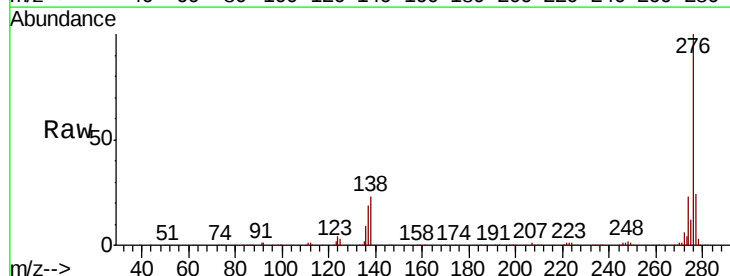


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.838 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF120831.D
Acq: 10 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	22.5	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

