

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
 Data File : BF120742.D
 Acq On : 29 Jun 2020 22:06
 Operator : JU/CG
 Sample : L2811-04MSRE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Quant Time: Jun 30 00:36:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 15:30:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	58165	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	217657	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	110557	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	205783	20.00	ng	0.01
76) Chrysene-d12	13.97	240	368588	20.00	ng	0.01
86) Perylene-d12	15.41	264	417287	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	461023	135.89	ng	0.09
7) Phenol-d6	6.51	99	502139	118.84	ng	0.08
23) Nitrobenzene-d5	7.37	82	409168	105.08	ng	0.01
42) 2,4,6-Tribromophenol	10.64	330	188990	147.03	ng	0.02
45) 2-Fluorobiphenyl	9.16	172	828917	114.71	ng	0.00
79) Terphenyl-d14	12.91	244	1605268	96.20	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	123133	76.578	ng	97
3) Pyridine	3.39	79	307348	67.994	ng	99
4) n-Nitrosodimethylamine	3.31	42	172539	91.977	ng	96
6) Aniline	6.47	93	145462	26.899	ng	98
8) 2-Chlorophenol	6.62	128	196787	51.330	ng	95
9) Benzaldehyde	6.35	77	47498	17.772	ng	100
10) Phenol	6.53	94	190895	42.342	ng	87
11) bis(2-Chloroethyl)ether	6.53	93	187464	49.921	ng	99
12) 1,3-Dichlorobenzene	6.74	146	213274	52.328	ng	96
13) 1,4-Dichlorobenzene	6.82	146	221376	55.051	ng	100
14) 1,2-Dichlorobenzene	6.97	146	198783	50.746	ng	98
15) Benzyl Alcohol	6.97	79	161387	53.857	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	236525	43.744	ng	100
17) 2-Methylphenol	7.10	107	152377	46.601	ng	95
18) Hexachloroethane	7.31	117	69565	46.947	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	137216	55.982	ng	96
20) 3+4-Methylphenols	7.26	107	198746	48.641	ng	# 62
22) Acetophenone	7.22	105	273707	56.248	ng	# 90
24) Nitrobenzene	7.39	77	209386	51.385	ng	98
25) Isophorone	7.63	82	362812	47.832	ng	99
26) 2-Nitrophenol	7.70	139	96874	44.938	ng	94
27) 2,4-Dimethylphenol	7.77	122	157803	49.716	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	228258	51.913	ng	99
29) 2,4-Dichlorophenol	7.97	162	168181	52.126	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	189796	53.081	ng	98
31) Naphthalene	8.10	128	580926	54.355	ng	99
32) Benzoic acid	7.92	122	77030	31.630	ng	94
33) 4-Chloroaniline	8.16	127	96333	19.637	ng	96
34) Hexachlorobutadiene	8.22	225	116311	55.805	ng	99
35) Caprolactam	8.55	113	38551	37.358	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	172594	53.543	ng	95
37) 2-Methylnaphthalene	8.80	142	397785	57.014	ng	98
38) 1-Methylnaphthalene	8.89	142	376806	57.395	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	191792	58.099	ng	98

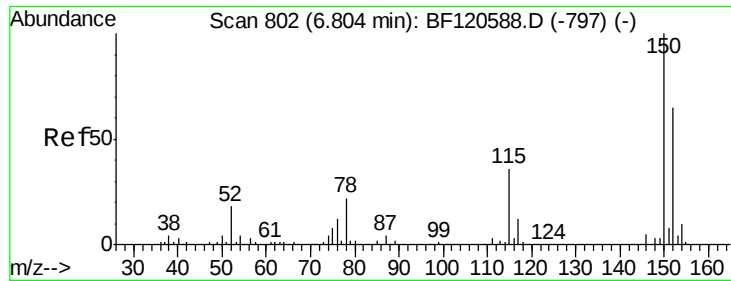
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	33725	18.231	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	122311	52.232	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	121129	45.593	nq	96
46) 1,1'-Biphenyl	9.26	154	484570	58.697	nq	99
47) 2-Chloronaphthalene	9.29	162	372848	55.231	nq	98
48) 2-Nitroaniline	9.40	65	115114	54.294	nq	100
49) Acenaphthylene	9.70	152	566755	54.399	nq	100
50) Dimethylphthalate	9.56	163	451714	56.731	nq	99
51) 2,6-Dinitrotoluene	9.63	165	94352	52.287	nq	96
52) Acenaphthene	9.87	154	341310	54.929	nq	98
53) 3-Nitroaniline	9.81	138	77828	35.909	nq	95
54) 2,4-Dinitrophenol	9.92	184	1206	4.158	nq #	85
55) Dibenzofuran	10.05	168	512855	53.829	nq	97
56) 4-Nitrophenol	10.05	139	297428	182.208	nq #	14
57) 2,4-Dinitrotoluene	10.03	165	116300	48.571	nq #	76
58) Fluorene	10.39	166	416477	56.705	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	100946	48.297	nq #	94
60) Diethylphthalate	10.26	149	451214	57.538	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	205079	54.069	nq #	90
62) 4-Nitroaniline	10.43	138	91831	42.679	nq	89
63) Azobenzene	10.54	77	379847	53.361	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	6345	5.139	nq	97
66) n-Nitrosodiphenylamine	10.50	169	365656	57.862	nq	100
67) 4-Bromophenyl-phenylether	10.87	248	128651	55.086	nq	99
68) Hexachlorobenzene	10.93	284	140232	55.847	nq	99
69) Atrazine	11.03	200	96669	49.433	nq	99
70) Pentachlorophenol	11.15	266	79235	56.758	nq	98
71) Phenanthrene	11.35	178	570213	55.742	nq	99
72) Anthracene	11.40	178	591093	57.326	nq	98
73) Carbazole	11.57	167	524440	51.381	nq	99
74) Di-n-butylphthalate	11.89	149	692730	60.369	nq	99
75) Fluoranthene	12.54	202	589751	50.425	nq	99
77) Benzdine	12.66	184	183342	14.708	nq	98
78) Pyrene	12.77	202	979028	37.494	nq	100
80) Butylbenzylphthalate	13.39	149	481962	41.568	nq	99
81) Benzo(a)anthracene	13.96	228	1169266	52.802	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	426543	50.428	nq	98
83) Chrysene	14.00	228	1148612	50.567	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	820212	57.965	nq	99
85) Di-n-octyl phthalate	14.55	149	1384887	51.282	nq	99
87) Indeno(1,2,3-cd)pyrene	16.85	276	1286243	50.674	nq	99
88) Benzo(b)fluoranthene	15.00	252	1253137	50.414	nq	100
89) Benzo(k)fluoranthene	15.03	252	1157345	52.619	nq	98
90) Benzo(a)pyrene	15.36	252	1124863	50.565	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	1071289	52.632	nq	99
92) Benzo(g,h,i)perylene	17.29	276	1002994	48.887	nq	99

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

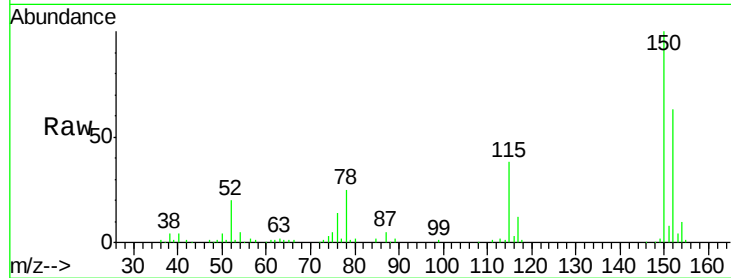


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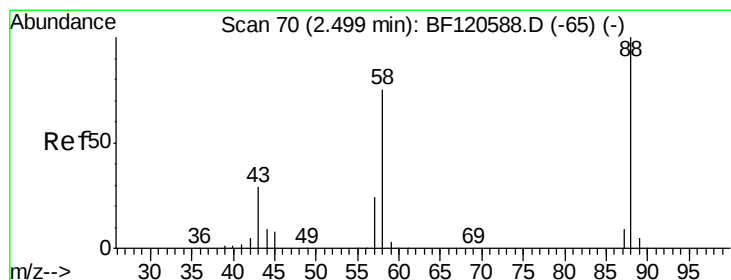
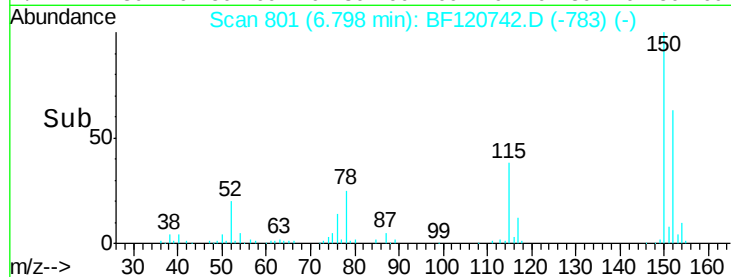
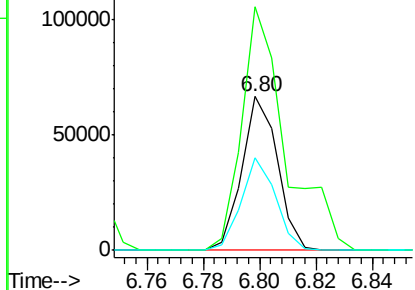
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:152 Resp: 58165
Ion Ratio Lower Upper
152 100
150 158.5 124.6 187.0
115 59.9 44.2 66.4



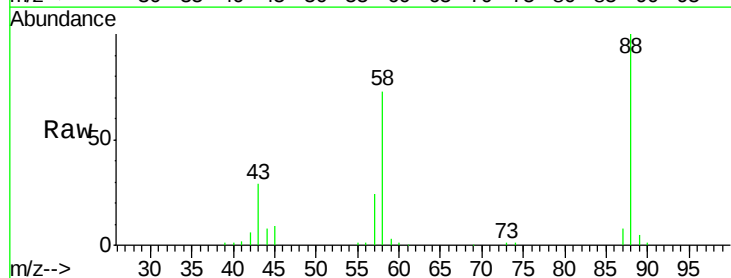
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



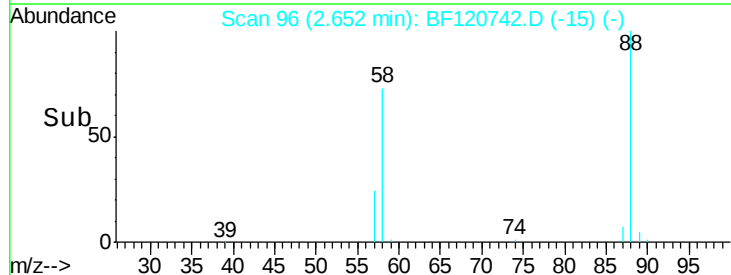
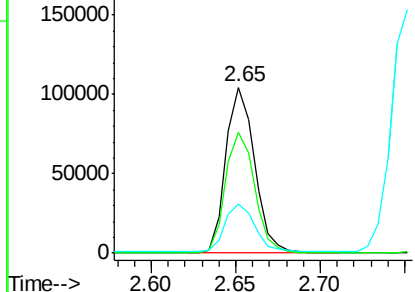
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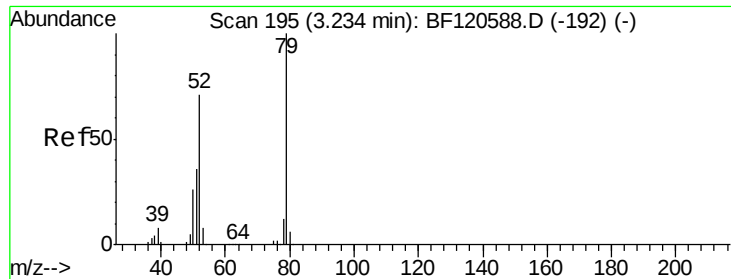
1,4-Dioxane
Concen: 76.578 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.18 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion: 88 Resp: 123133
Ion Ratio Lower Upper
88 100
58 74.4 58.5 87.7
43 30.0 21.8 32.8



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: 67.994 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.18 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

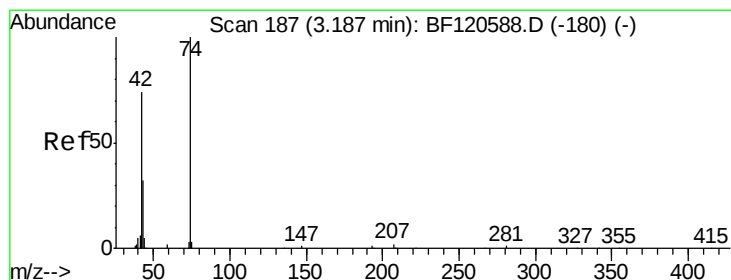
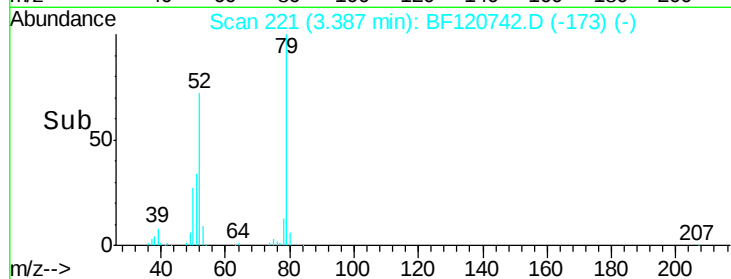
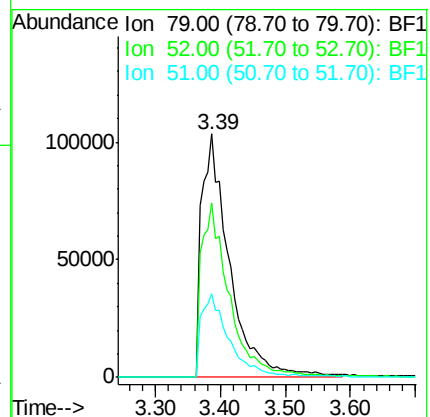
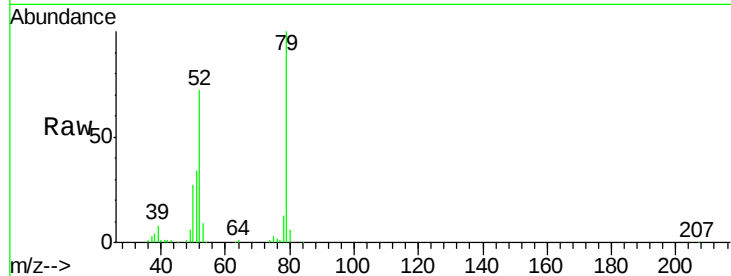
Tot Ion: 79 Resp: 307348

Ion Ratio Lower Upper

79 100

52 71.5 56.6 84.8

51 34.1 27.4 41.0



#4

n-Nitrosodimethylamine

Concen: 91.977 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.15 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

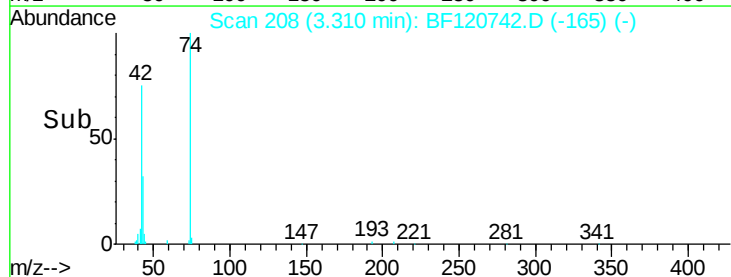
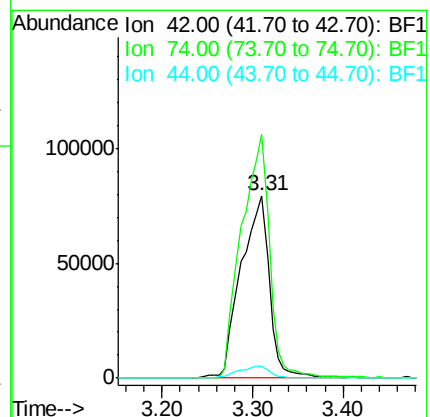
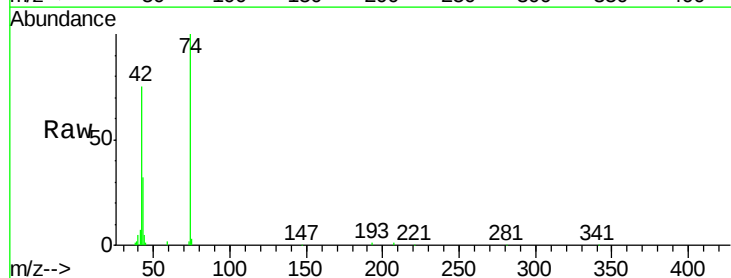
Tgt Ion: 42 Resp: 172539

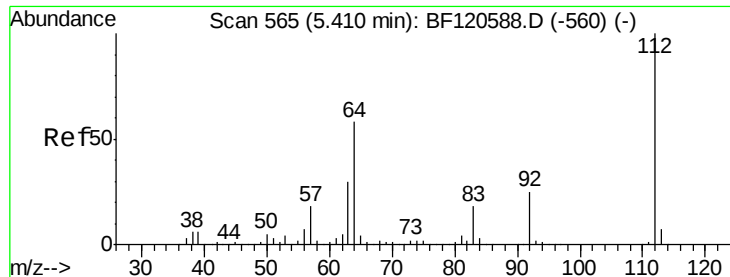
Ion Ratio Lower Upper

42 100

74 133.5 110.7 166.1

44 6.5 5.6 8.4





#5

2-Fluorophenol

Concen: 135.890 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.09 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

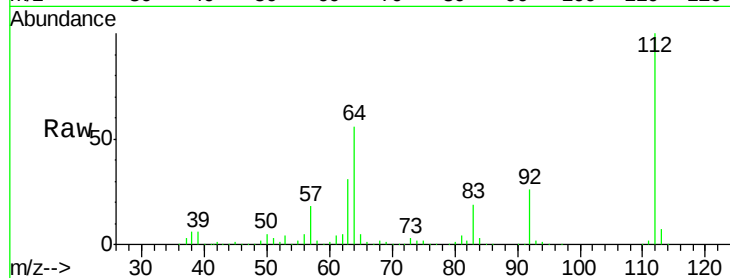
Tot Ion:112 Resp: 461023

Ion Ratio Lower Upper

112 100

64 56.3 42.2 63.2

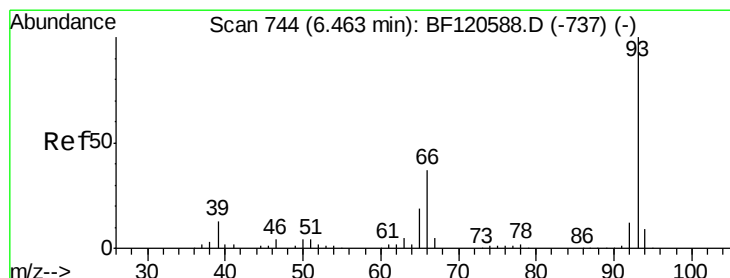
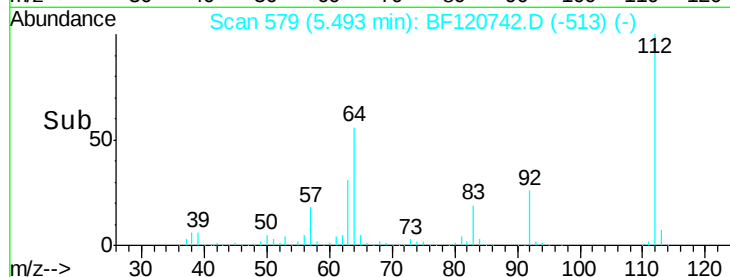
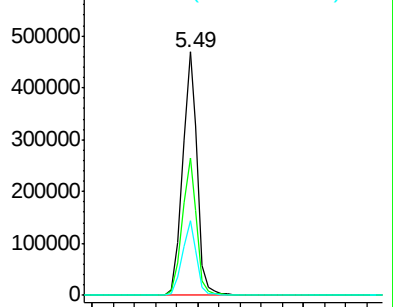
63 30.9 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.899 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

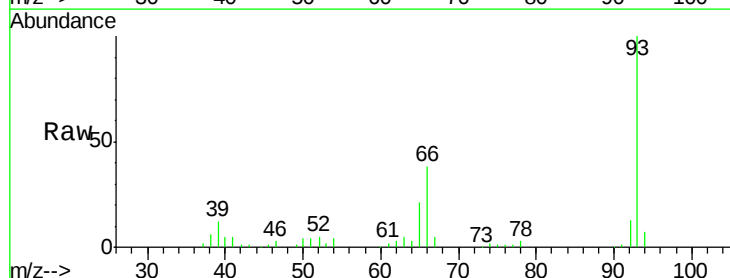
Tgt Ion: 93 Resp: 145462

Ion Ratio Lower Upper

93 100

66 37.9 29.5 44.3

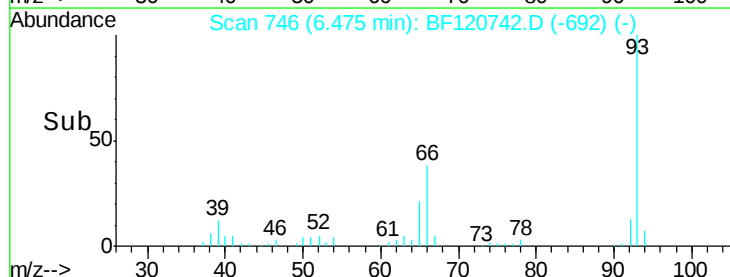
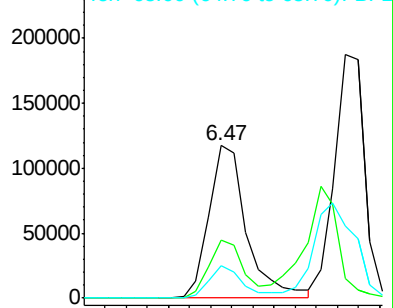
65 20.9 15.5 23.3

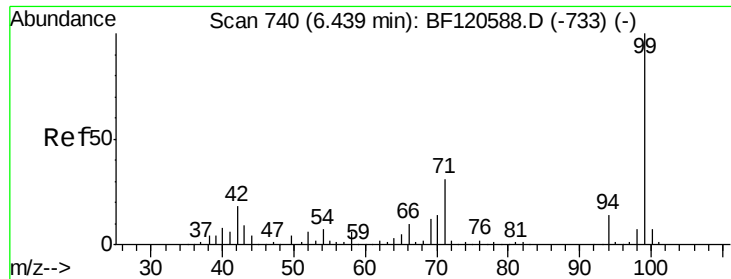


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 118.835 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.08 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

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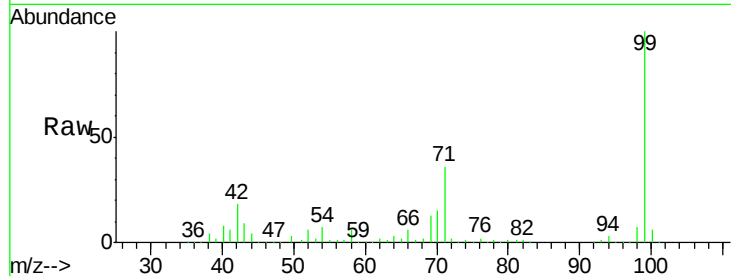
Tot Ion: 99 Resp: 502139

Ion Ratio Lower Upper

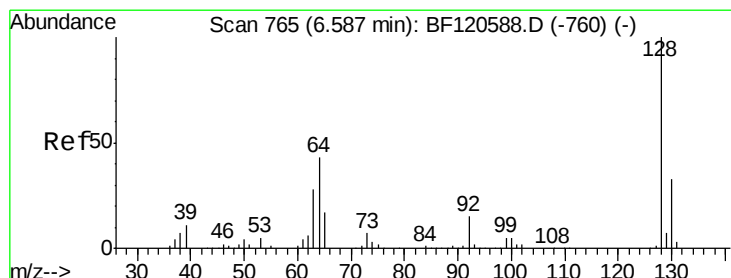
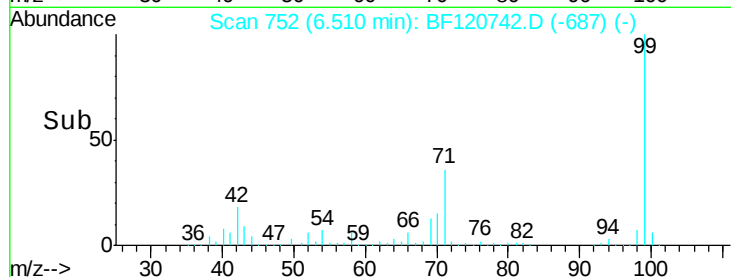
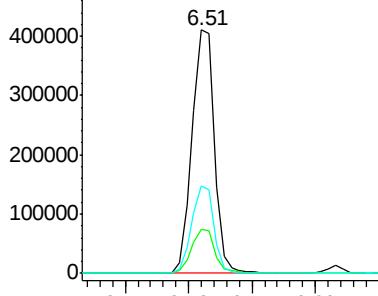
99 100

42 18.2 14.2 21.4

71 36.1 25.4 38.2



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



#8

2-Chlorophenol

Concen: 51.330 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.04 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

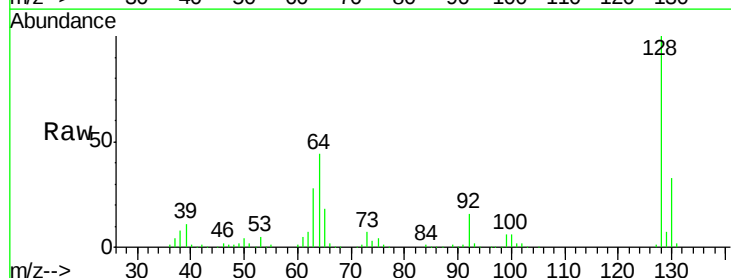
Tgt Ion: 128 Resp: 196787

Ion Ratio Lower Upper

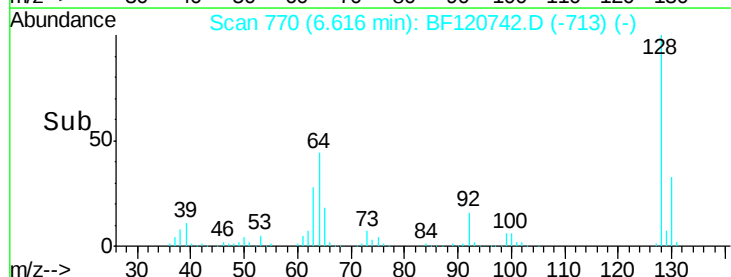
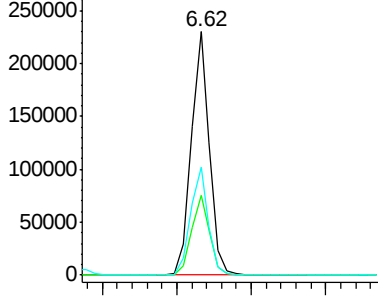
128 100

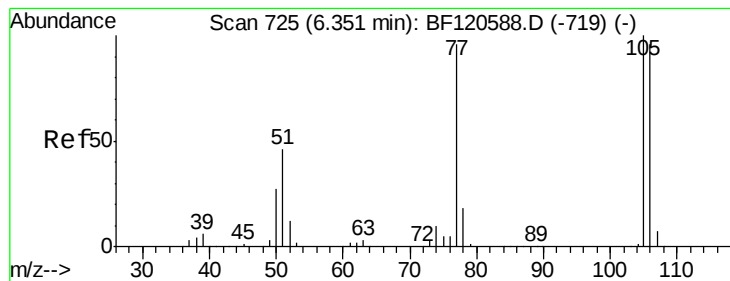
130 32.6 13.3 53.3

64 44.2 19.2 59.2



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





#9

Benzaldehyde

Concen: 17.772 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

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ClientSampleId :

NB-08-061620MS

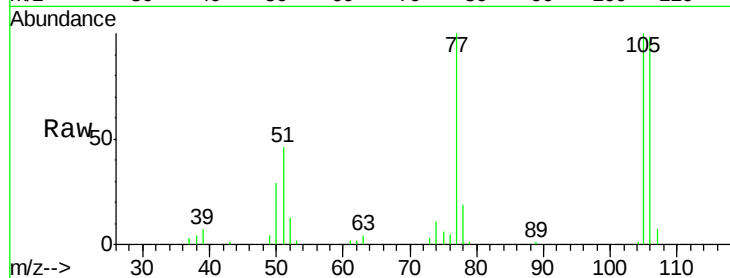
Tot Ion: 77 Resp: 47498

Ion Ratio Lower Upper

77 100

105 100.2 80.8 120.8

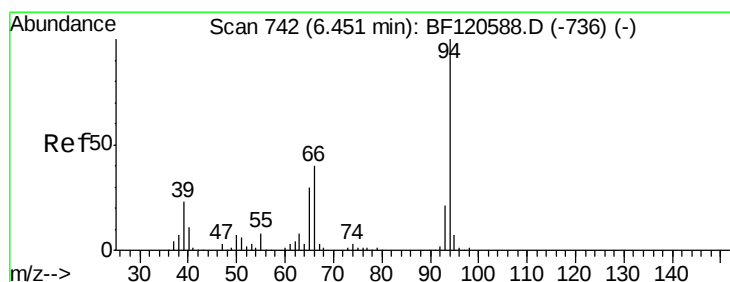
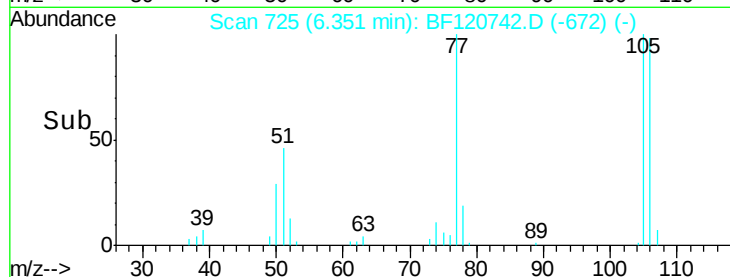
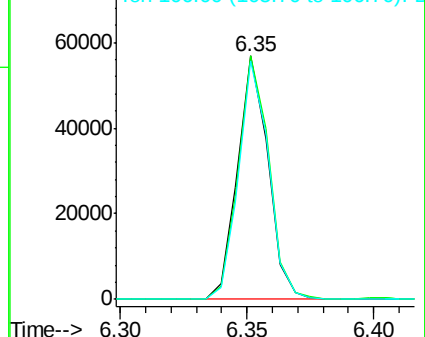
106 98.1 78.1 118.1



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: 42.342 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.08 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

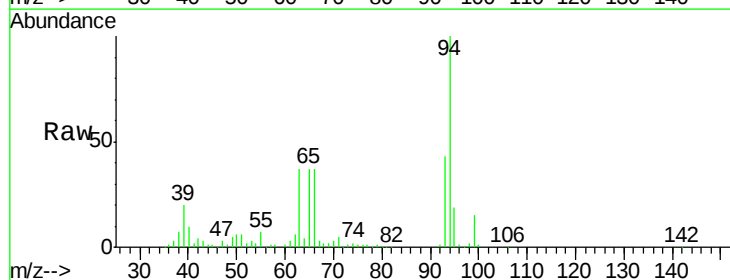
Tgt Ion: 94 Resp: 190895

Ion Ratio Lower Upper

94 100

65 36.9 13.6 53.6

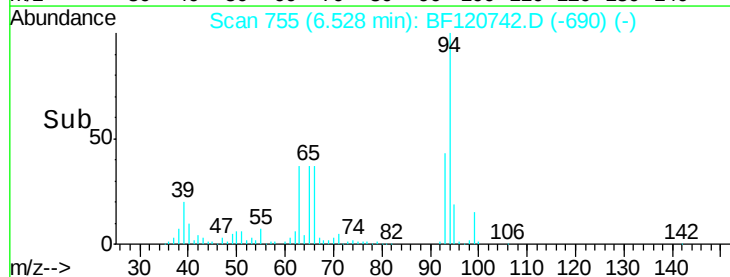
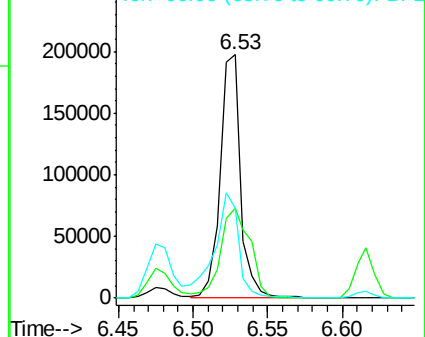
66 36.8 29.2 69.2

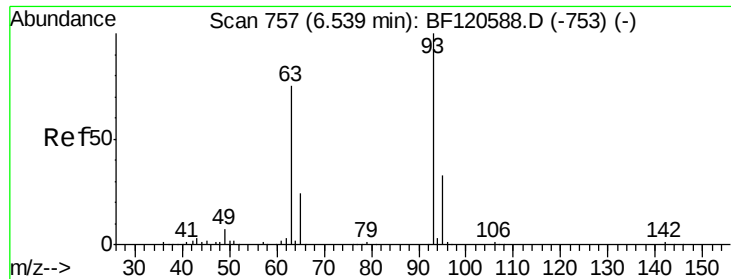


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

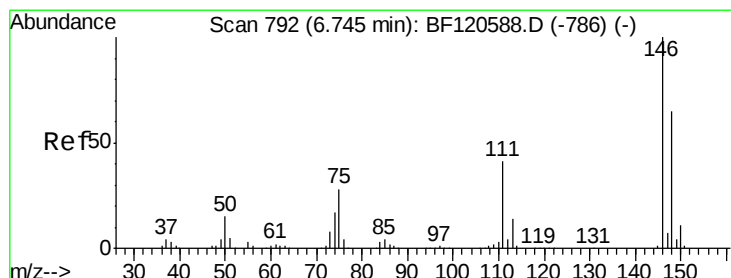
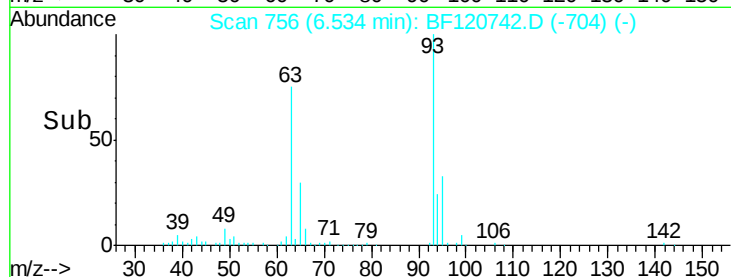
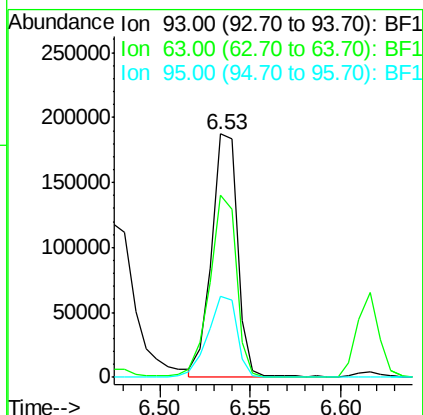
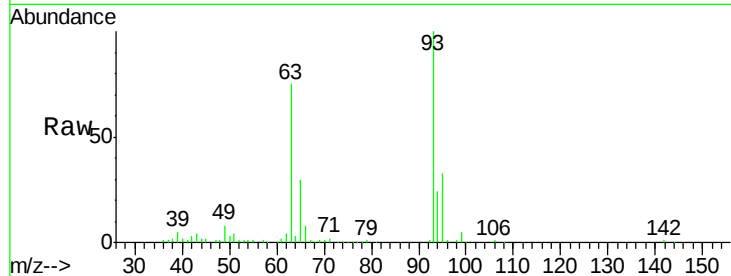




#11
 bis(2-Chloroethyl)ether
 Concen: 49.921 ng
 RT: 6.53 min Scan# 756
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

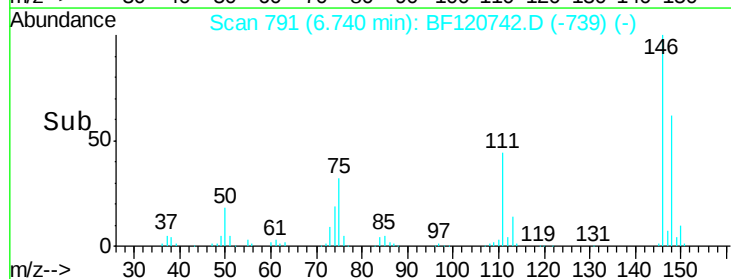
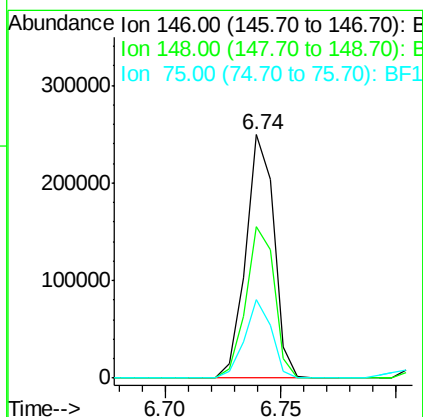
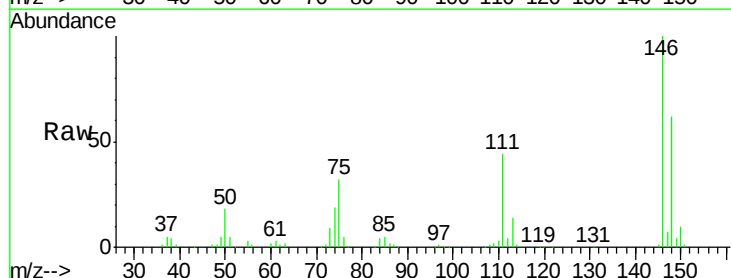
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

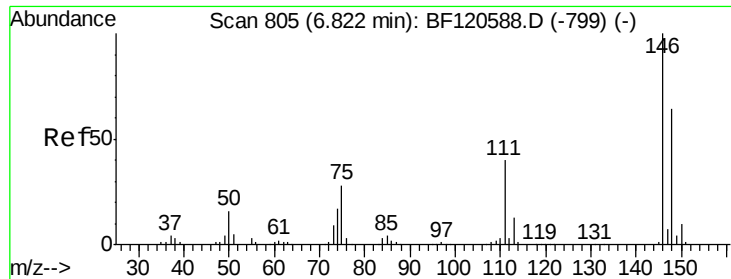
Tot Ion: 93 Resp: 187464
 Ion Ratio Lower Upper
 93 100
 63 74.9 54.8 94.8
 95 33.4 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 52.328 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion: 146 Resp: 213274
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.1 76.7
 75 32.1 21.5 32.3

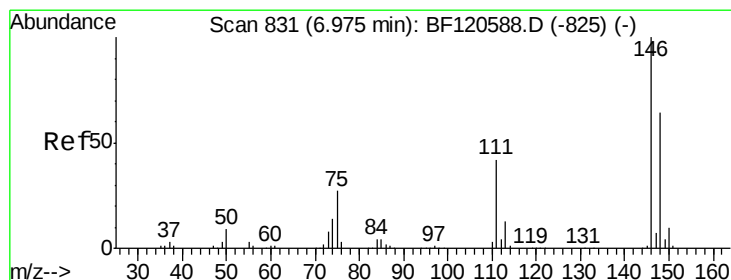
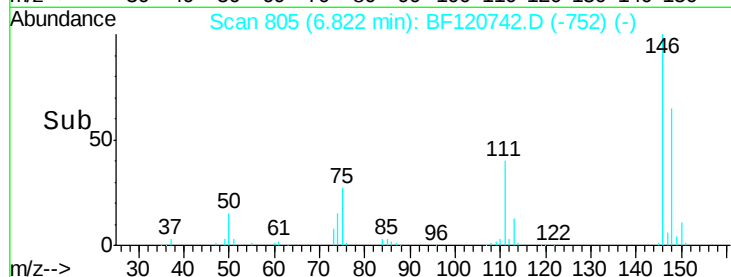
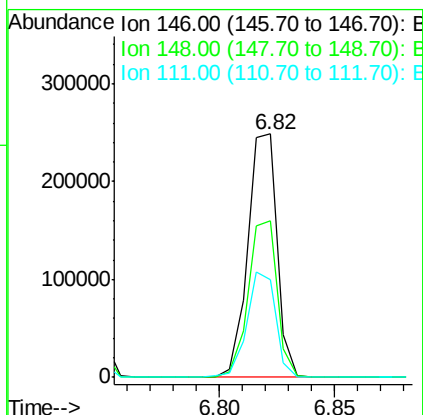
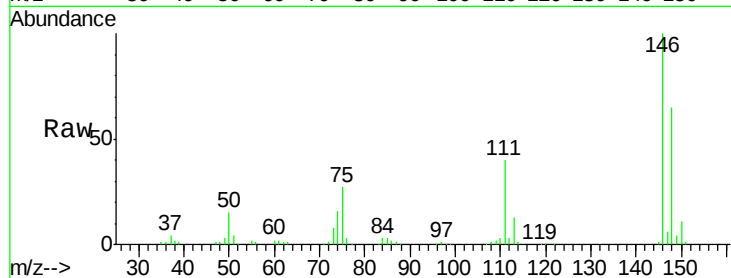




#13
 1,4-Dichlorobenzene
 Concen: 55.051 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

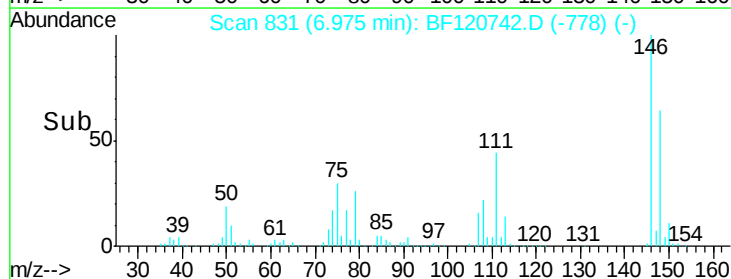
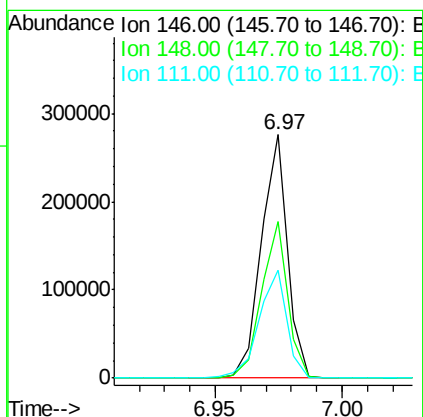
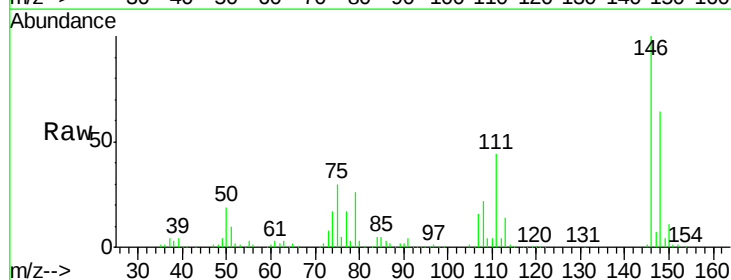
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:146 Resp: 221376
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 40.2 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 50.746 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:146 Resp: 198783
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 111 44.4 33.6 50.4





#15

Benzyl Alcohol

Concen: 53.857 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.04 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

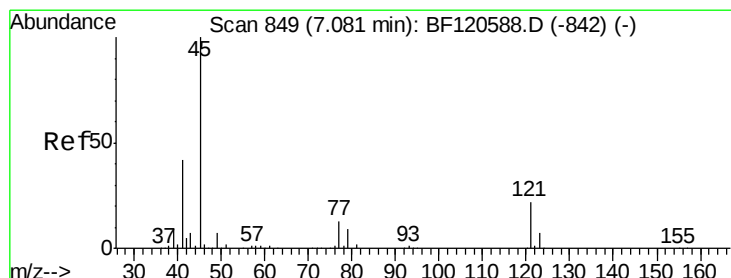
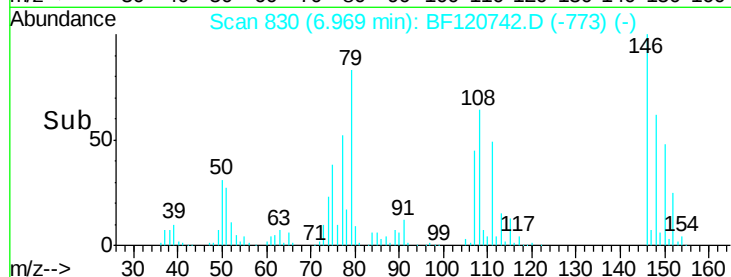
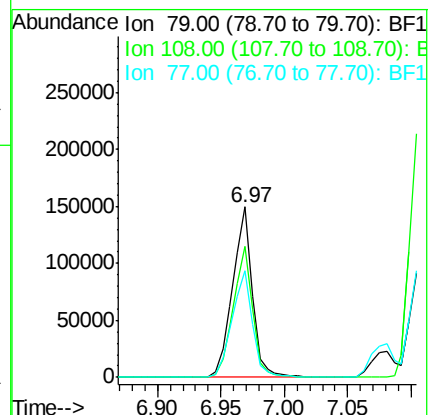
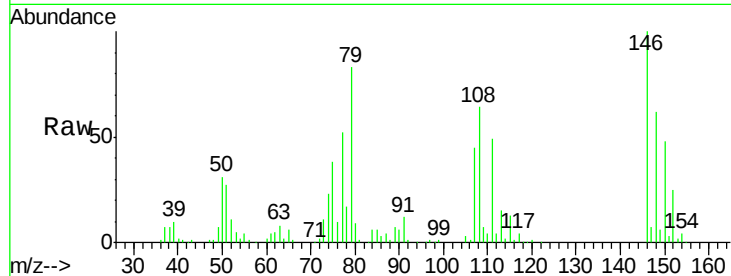
Tot Ion: 79 Resp: 161387

Ion Ratio Lower Upper

79 100

108 76.8 66.1 99.1

77 62.4 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.744 ng

RT: 7.07 min Scan# 848

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

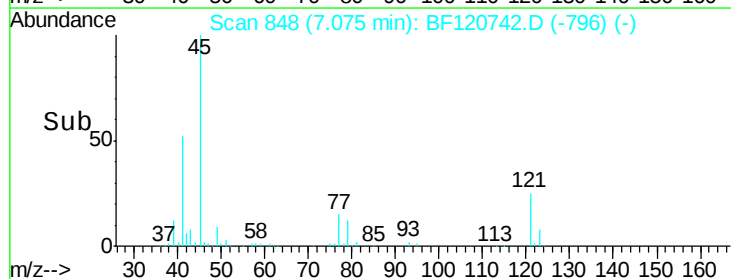
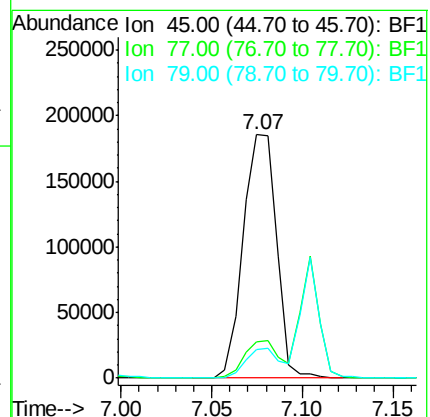
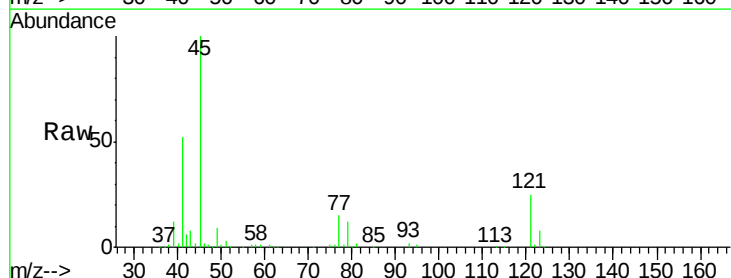
Tgt Ion: 45 Resp: 236525

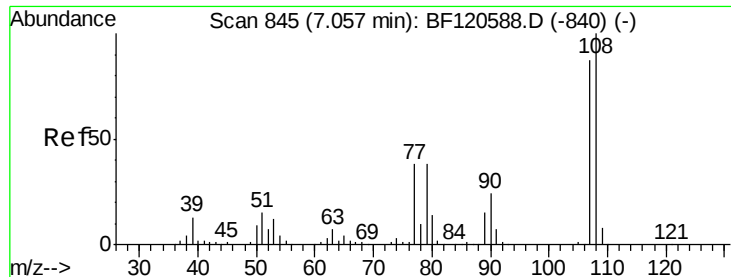
Ion Ratio Lower Upper

45 100

77 14.8 0.0 34.9

79 11.7 0.0 31.4





#17

2-Methylphenol

Concen: 46.601 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.05 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:107 Resp: 152377

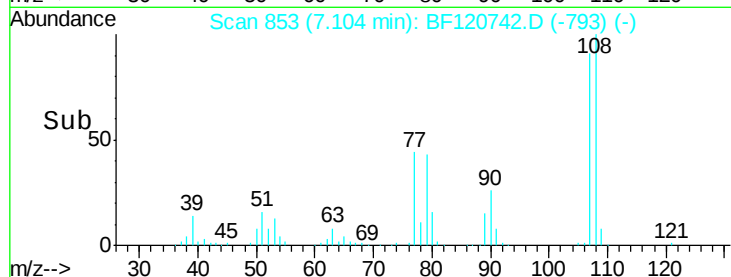
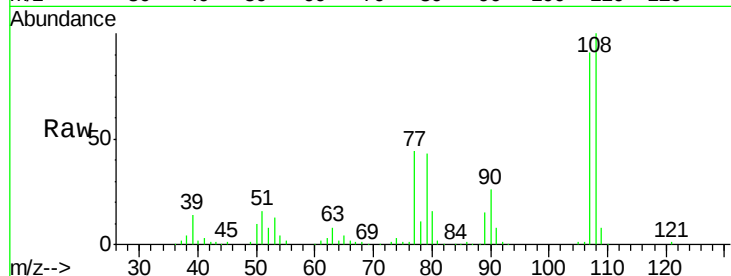
Ion Ratio Lower Upper

107 100

108 109.3 90.7 136.1

77 47.8 35.0 52.4

79 47.0 33.6 50.4



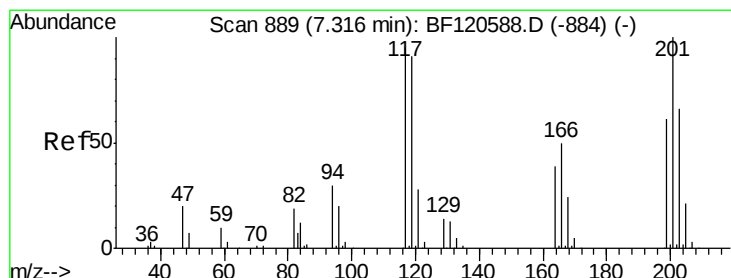
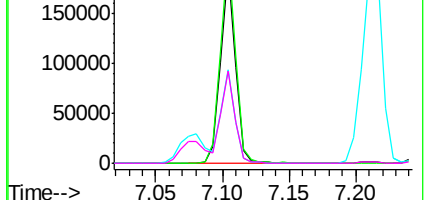
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



#18

Hexachloroethane

Concen: 46.947 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

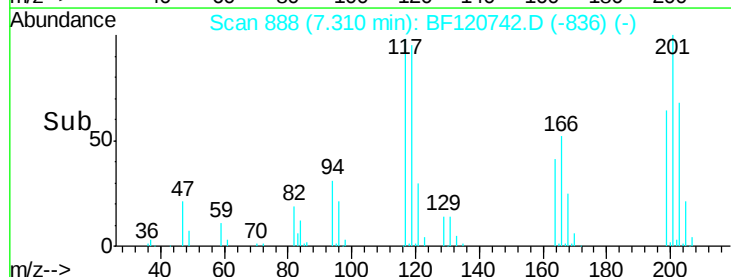
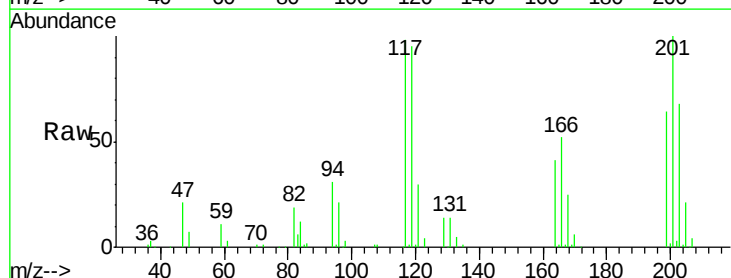
Tgt Ion:117 Resp: 69565

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

201 102.2 86.4 129.6

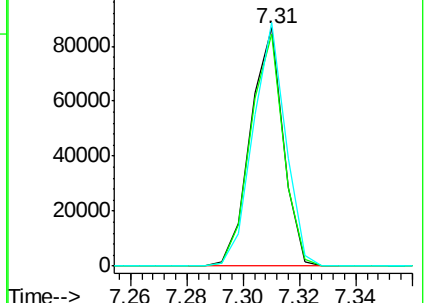


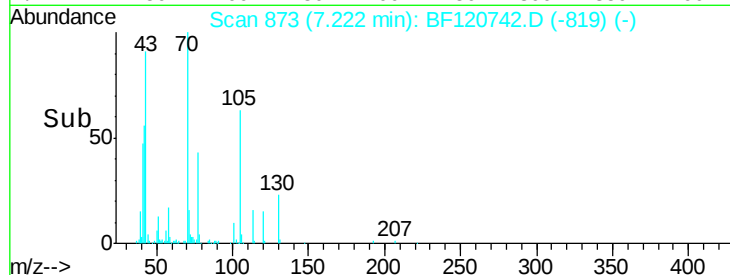
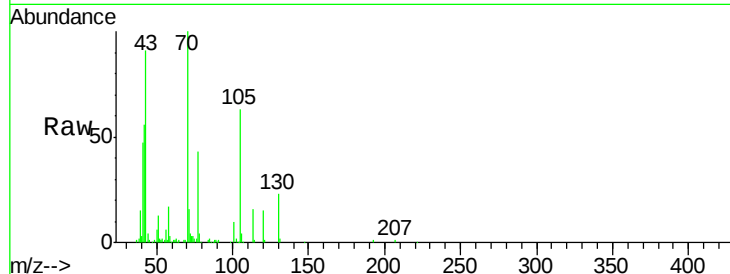
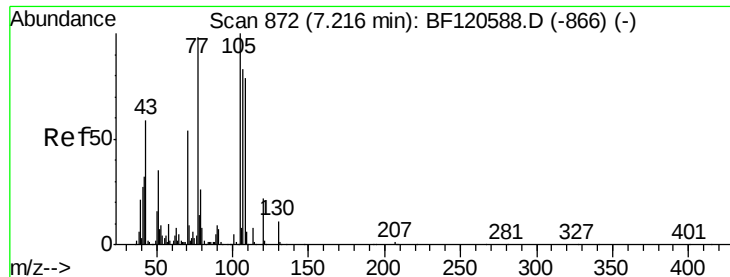
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

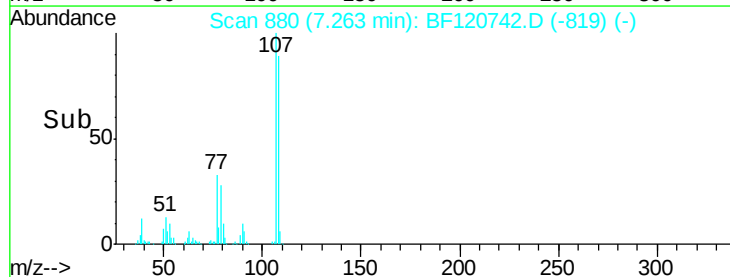
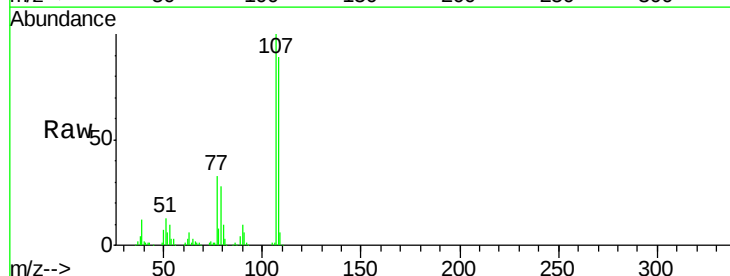
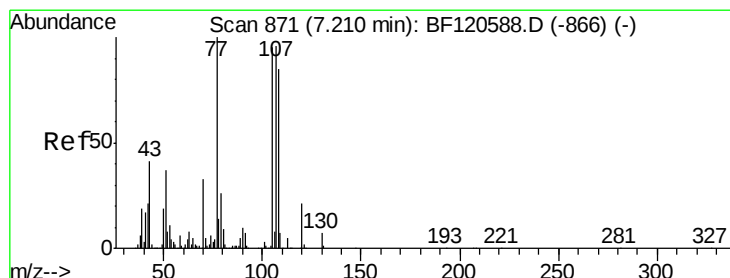
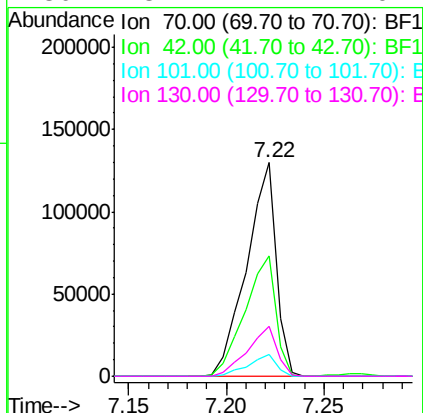




#19
n-Nitroso-di-n-propylamine
Concen: 55.982 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

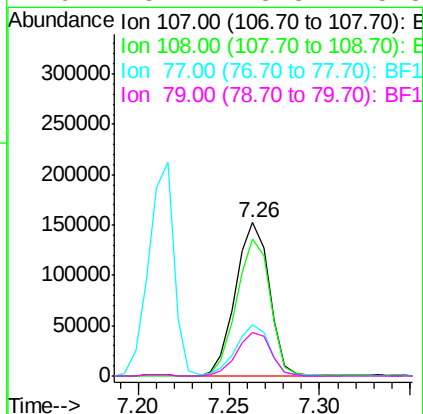
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

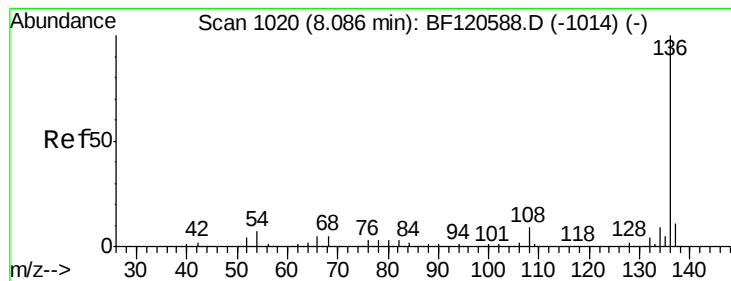
Tot Ion:	70	Resp:	137216
Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.6	71.4
101	10.0	7.6	11.4
130	23.2	17.4	26.2



#20
3+4-Methylphenols
Concen: 48.641 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.06 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:	107	Resp:	198746
Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.9	110.9
77	33.4	95.7	135.7#
79	28.1	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:136 Resp: 217657

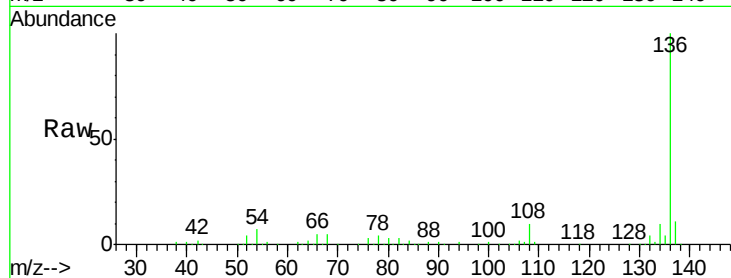
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.9 5.3 7.9

68 4.8 4.3 6.5

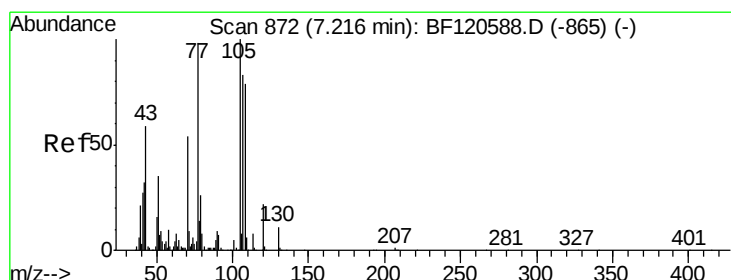
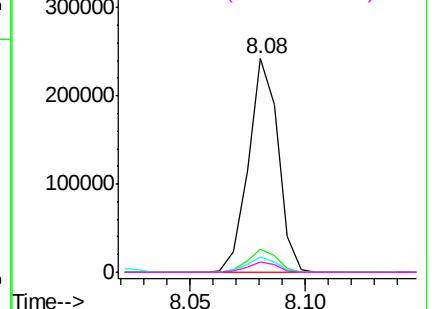
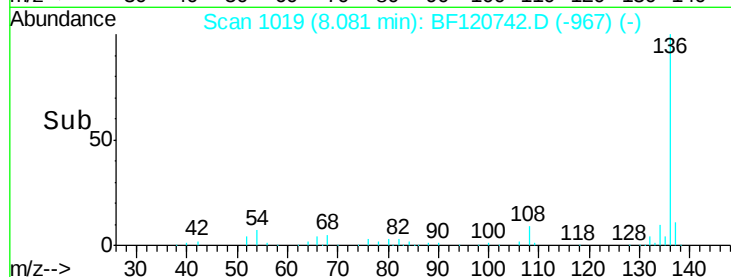


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 56.248 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:105 Resp: 273707

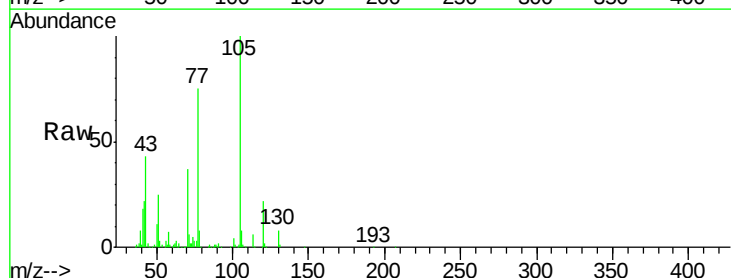
Ion Ratio Lower Upper

105 100

71 6.2 6.6 9.8#

51 24.8 27.4 41.0#

120 22.2 18.1 27.1

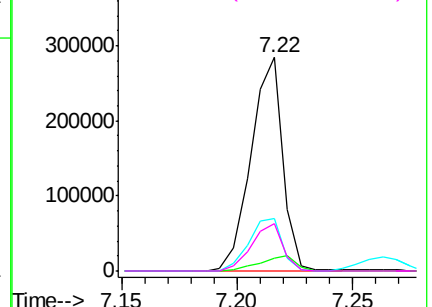
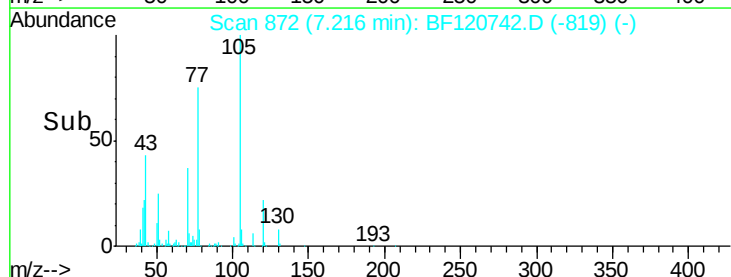


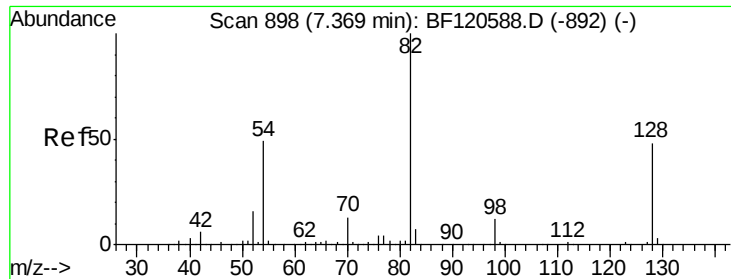
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

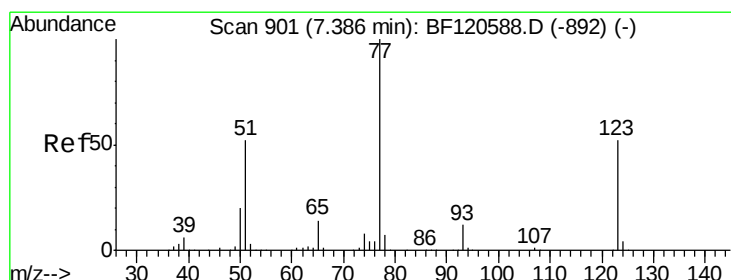
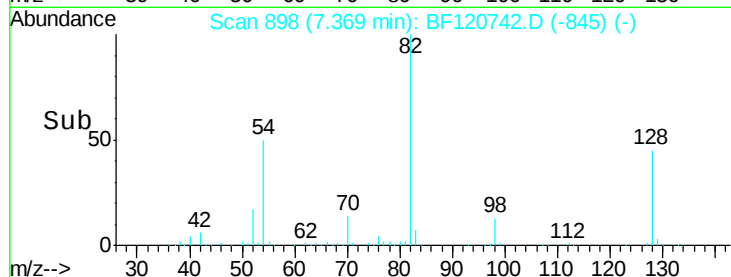
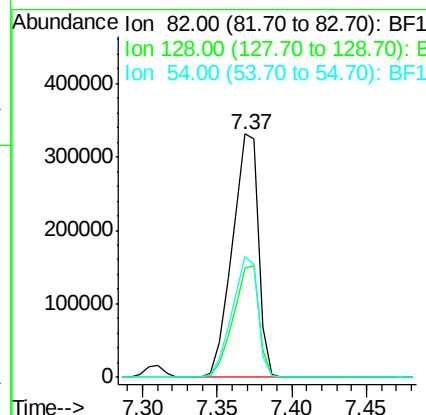
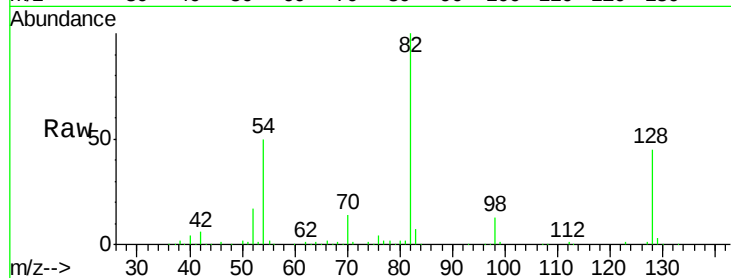




#23
 Nitrobenzene-d5
 Concen: 105.079 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

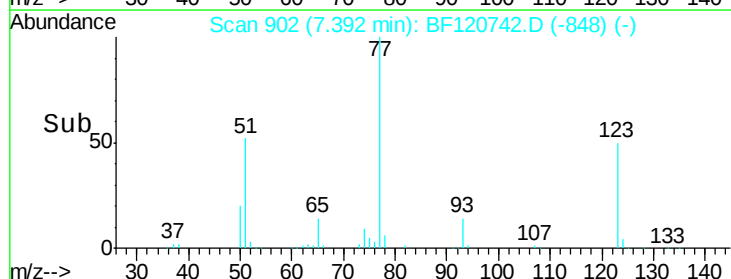
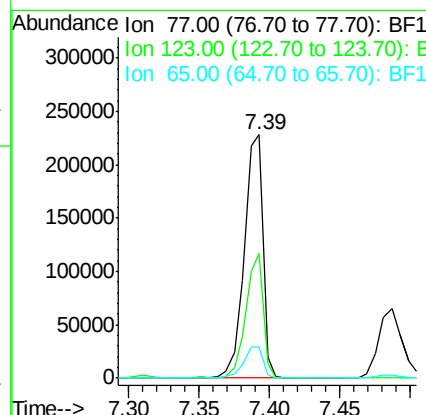
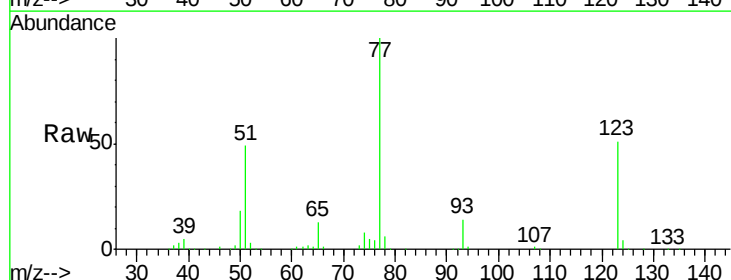
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	82	Resp	409168
Ion Ratio	Lower	Upper	
82	100		
128	45.0	38.1	57.1
54	49.6	38.8	58.2



#24
 Nitrobenzene
 Concen: 51.385 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	77	Resp	209386
Ion Ratio	Lower	Upper	
77	100		
123	51.0	41.5	62.3
65	12.6	10.9	16.3

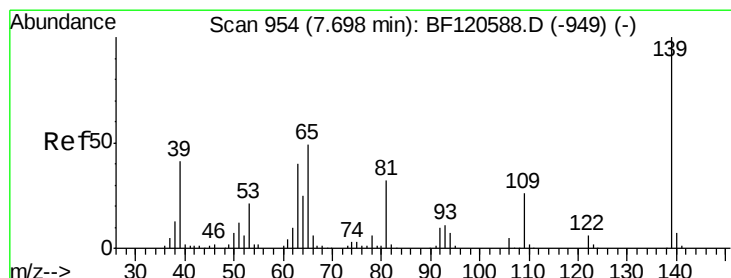
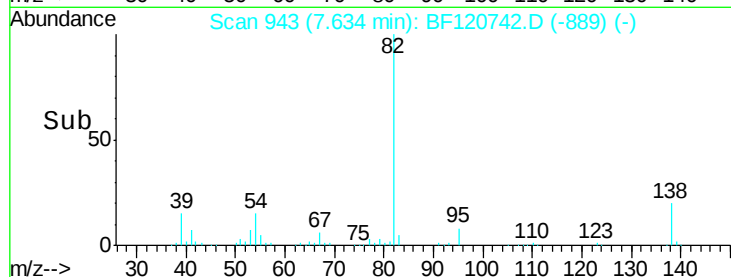
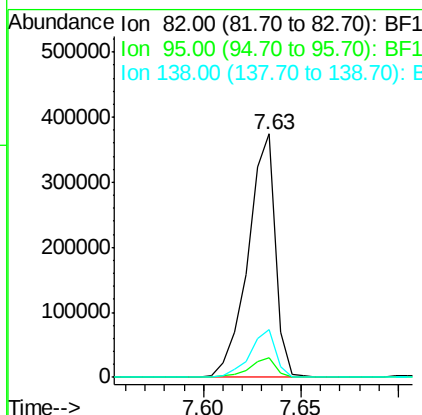
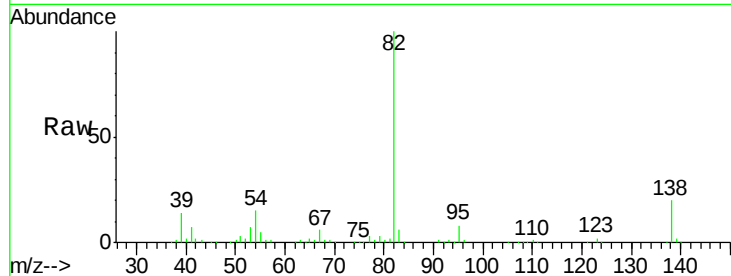




#25
Isophorone
Concen: 47.832 ng
RT: 7.63 min Scan# 943
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

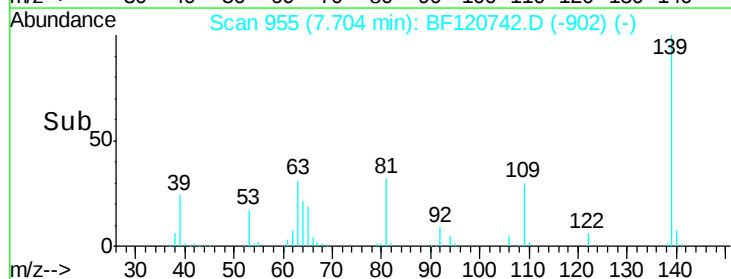
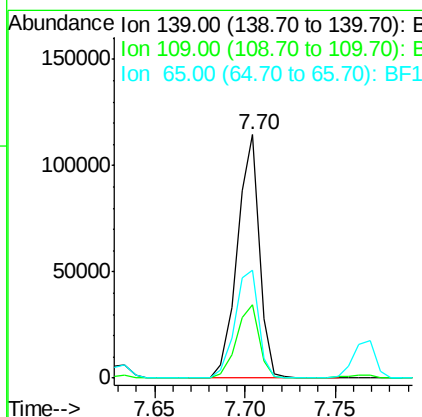
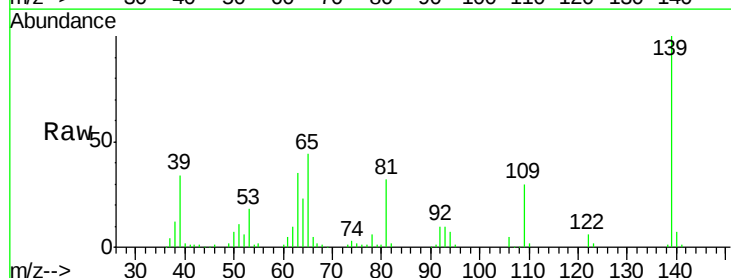
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

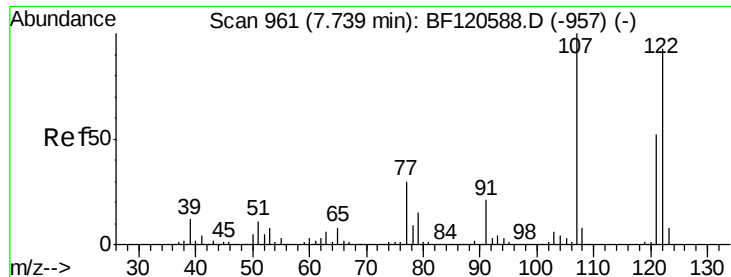
Tot Ion: 82 Resp: 362812
Ion Ratio Lower Upper
82 100
95 8.0 5.6 8.4
138 19.7 16.1 24.1



#26
2-Nitrophenol
Concen: 44.938 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion: 139 Resp: 96874
Ion Ratio Lower Upper
139 100
109 30.1 20.7 31.1
65 44.4 33.6 50.4

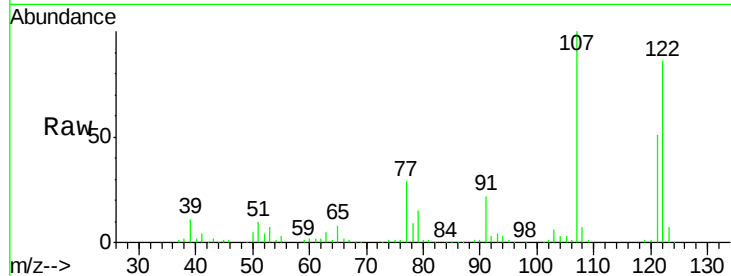




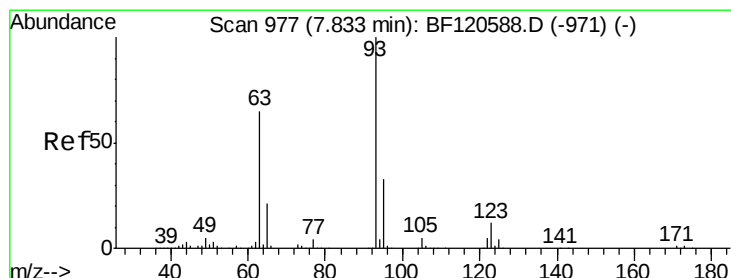
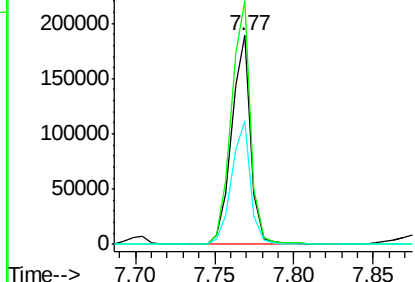
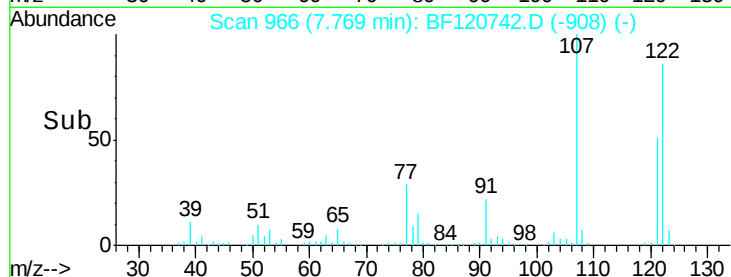
#27
2,4-Dimethylphenol
Concen: 49.716 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.04 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:122 Resp: 157803
Ion Ratio Lower Upper
122 100
107 116.8 89.4 134.2
121 59.1 46.2 69.4

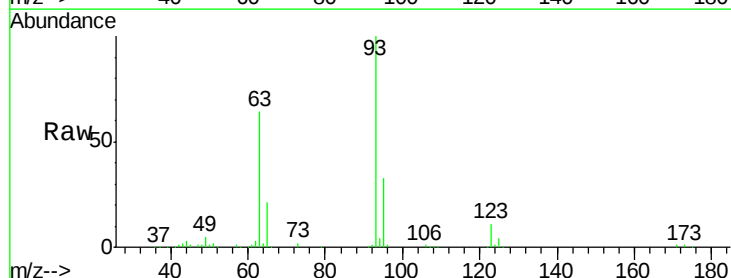


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

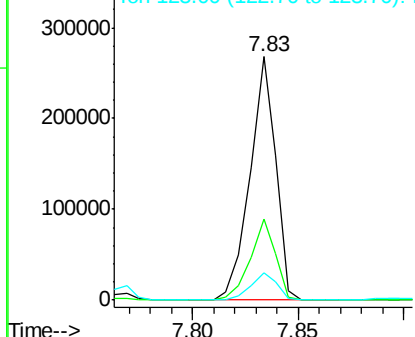
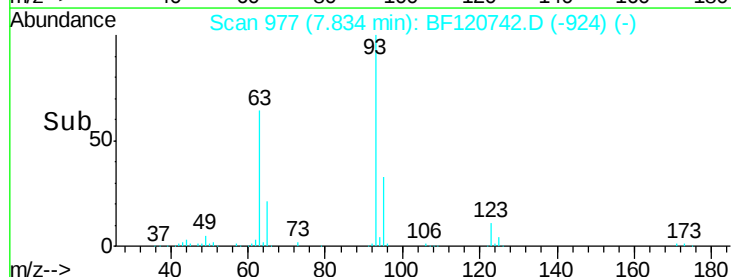


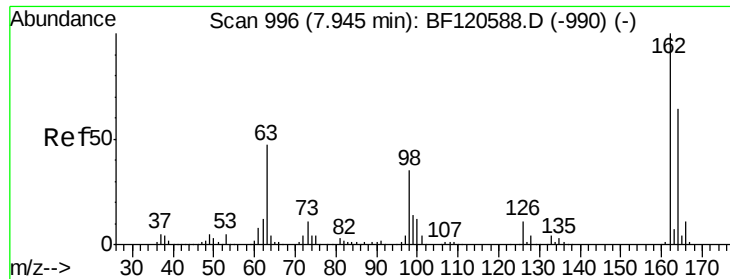
#28
bis(2-Chloroethoxy)methane
Concen: 51.913 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion: 93 Resp: 228258
Ion Ratio Lower Upper
93 100
95 33.1 26.2 39.2
123 11.1 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

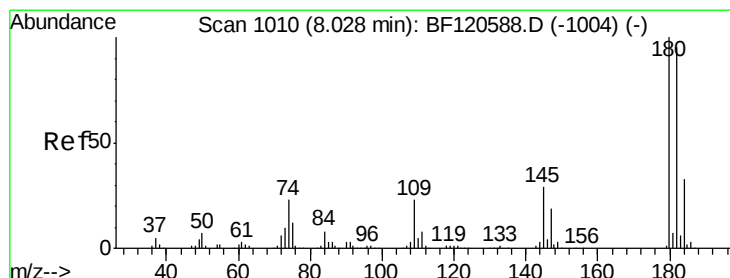
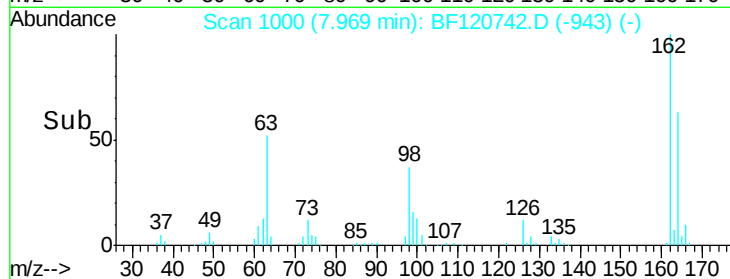
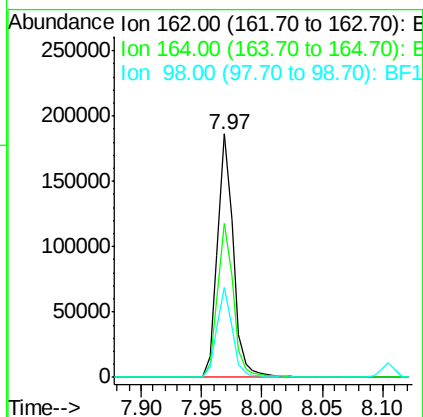
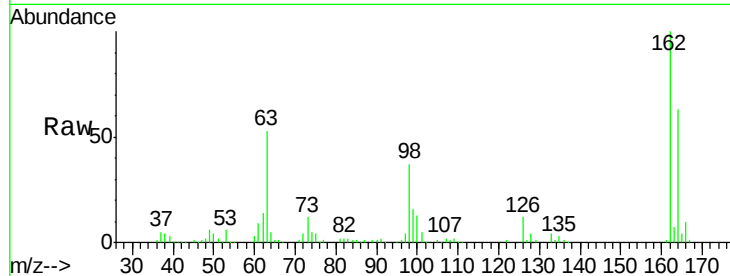




#29
 2,4-Dichlorophenol
 Concen: 52.126 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.04 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

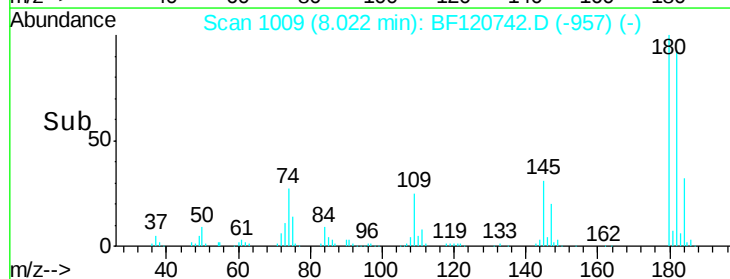
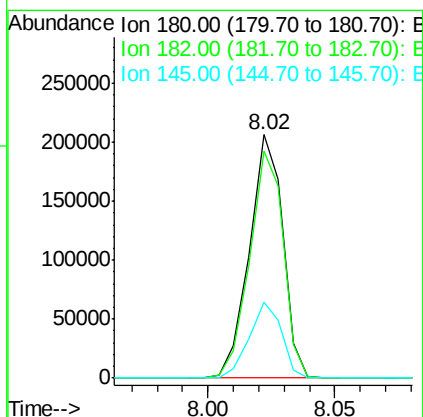
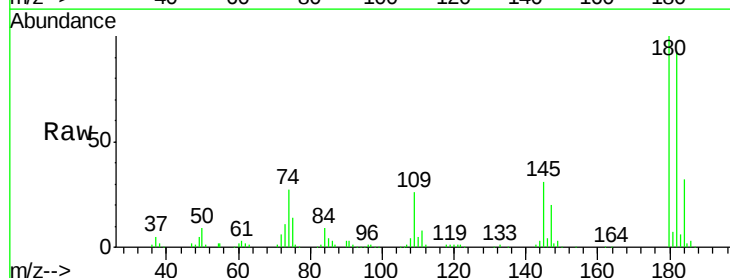
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

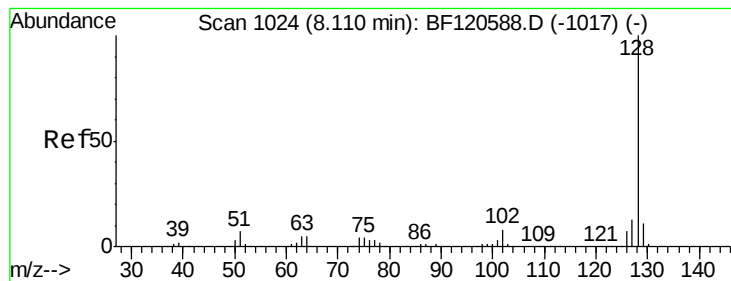
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.1	85.1
98	36.8	16.2	56.2



#30
 1,2,4-Trichlorobenzene
 Concen: 53.081 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	31.0	23.4	35.2





#31

Naphthalene

Concen: 54.355 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

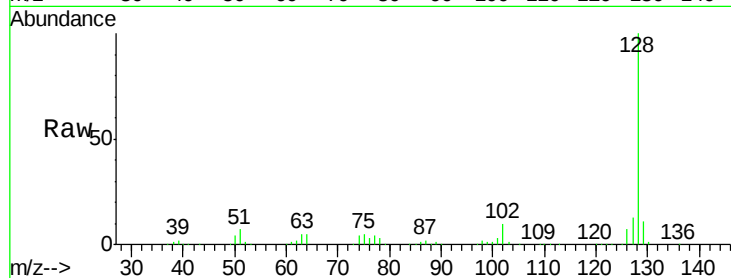
Tot Ion:128 Resp: 580926

Ion Ratio Lower Upper

128 100

129 11.2 9.1 13.7

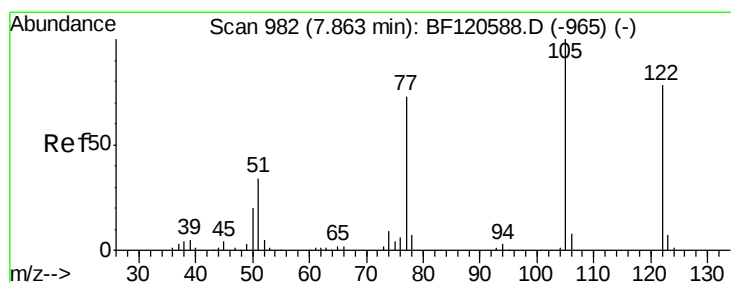
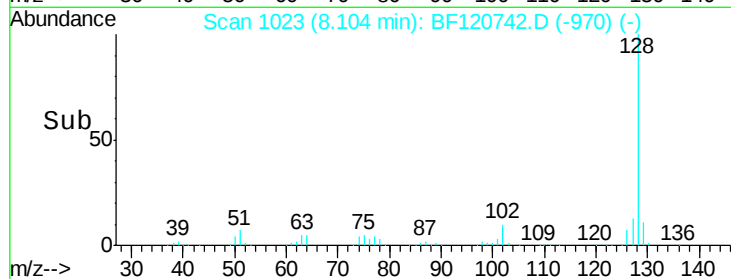
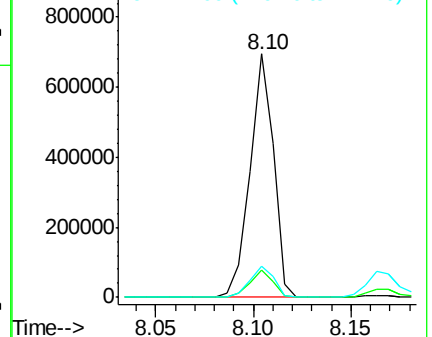
127 13.0 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.630 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.06 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

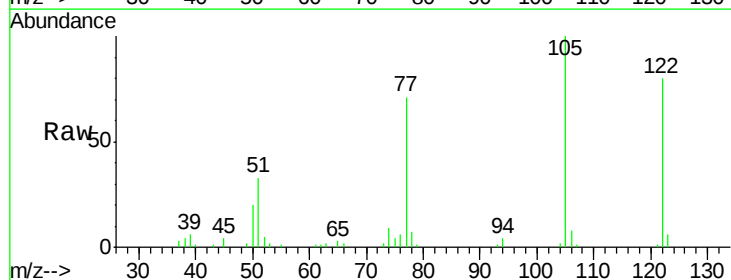
Tgt Ion:122 Resp: 77030

Ion Ratio Lower Upper

122 100

105 125.4 98.4 138.4

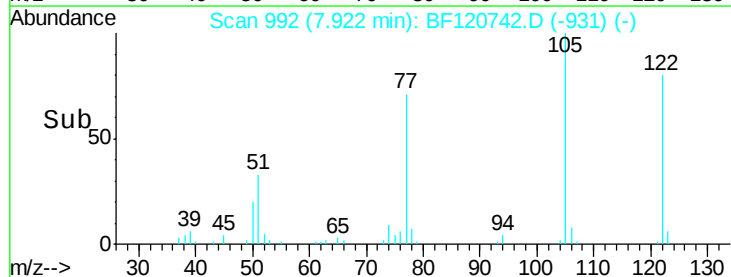
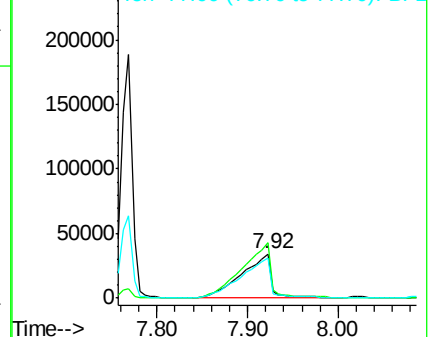
77 88.9 63.8 103.8

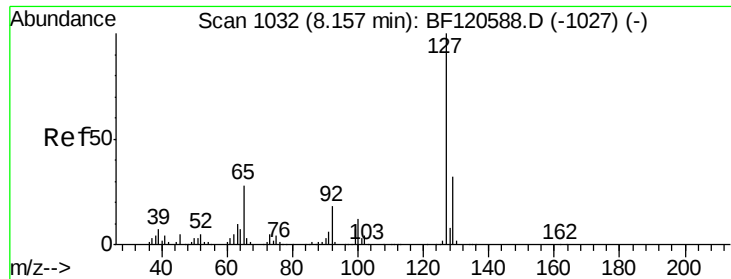


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

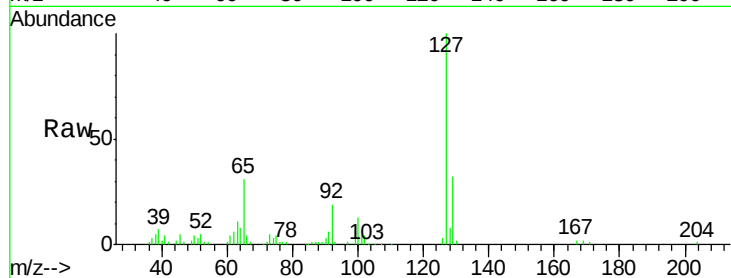




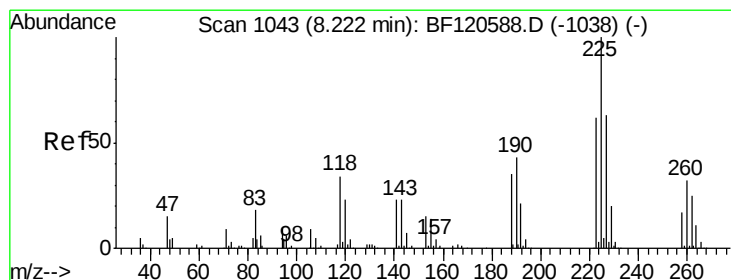
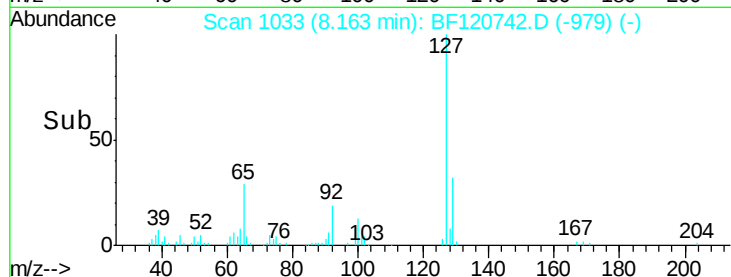
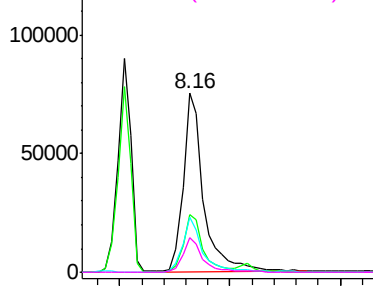
#33
4-Chloroaniline
Concen: 19.637 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:	127	Resp:	96333
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	31.2	21.8	32.6
92	19.3	14.5	21.7

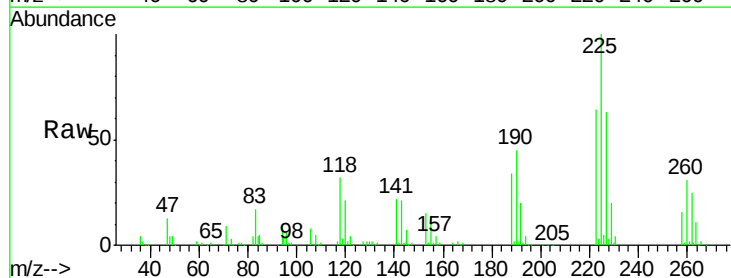


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

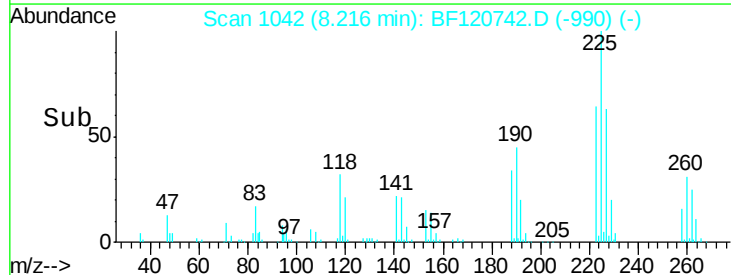
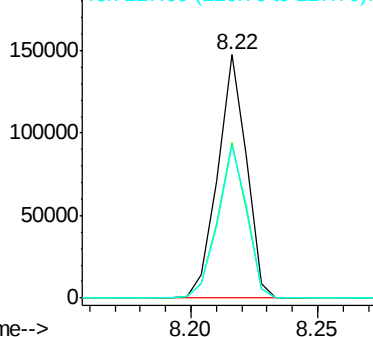


#34
Hexachlorobutadiene
Concen: 55.805 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:	225	Resp:	116311
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.0	75.0
227	62.9	50.5	75.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.358 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.03 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

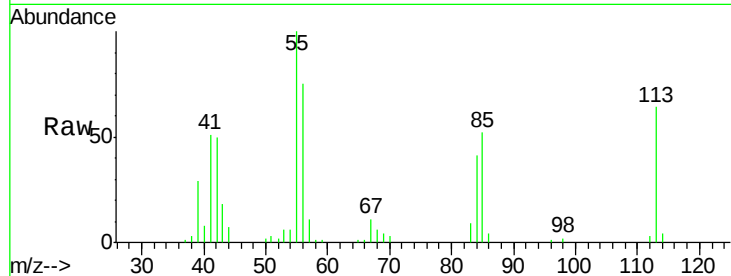
Tot Ion:113 Resp: 38551

Ion Ratio Lower Upper

113 100

55 156.2 143.7 183.7

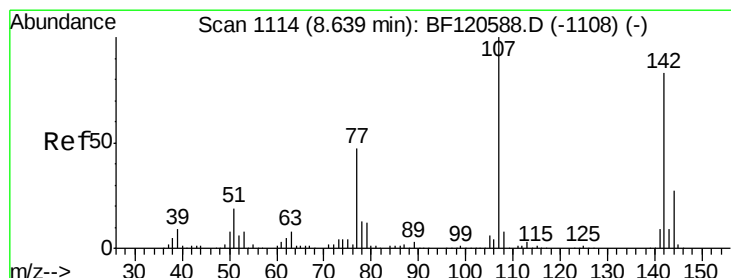
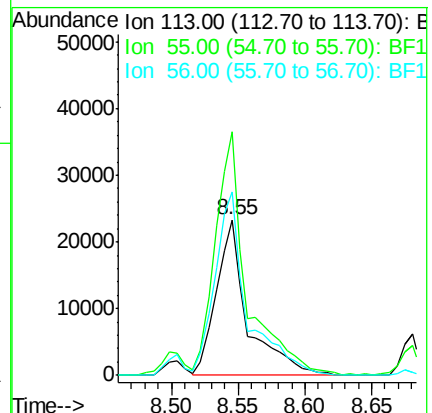
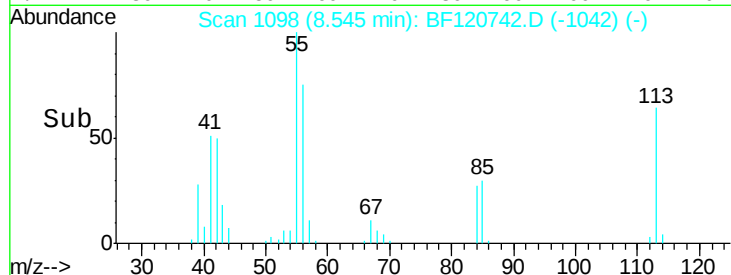
56 117.7 98.6 138.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 53.543 ng

RT: 8.68 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

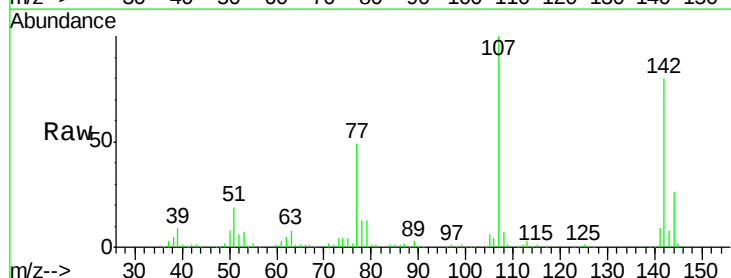
Tgt Ion:107 Resp: 172594

Ion Ratio Lower Upper

107 100

144 25.8 21.9 32.9

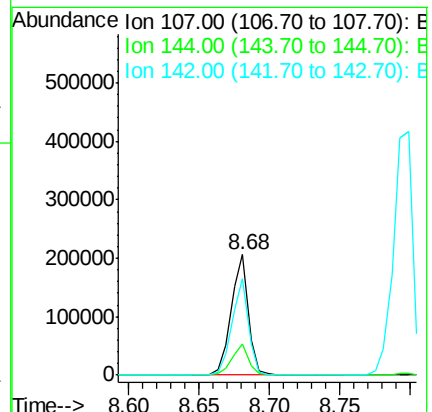
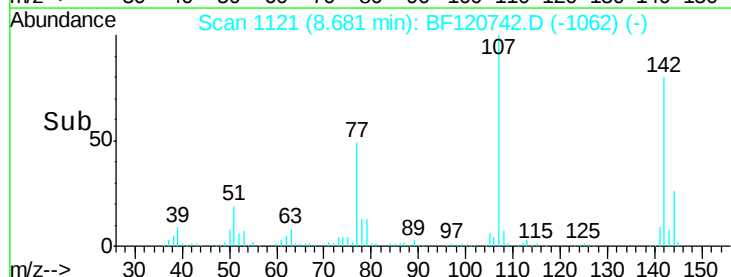
142 80.1 67.7 101.5

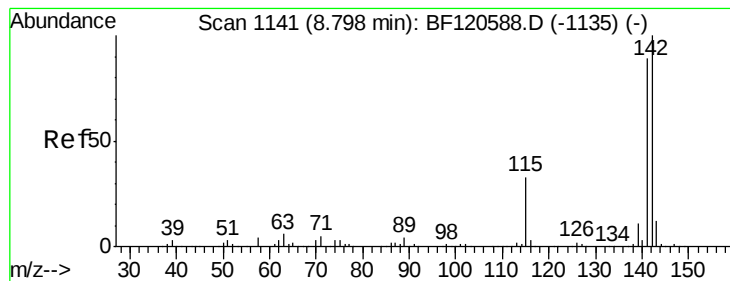


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 57.014 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

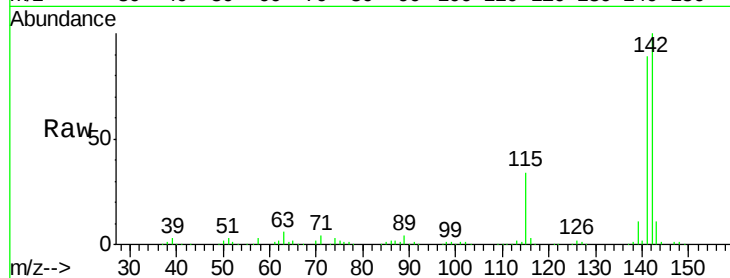
Tot Ion:142 Resp: 397785

Ion Ratio Lower Upper

142 100

141 88.6 69.2 103.8

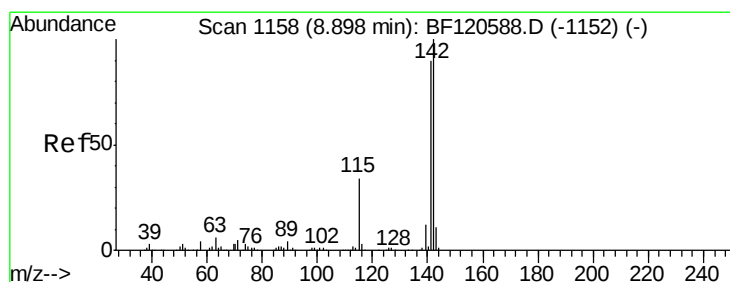
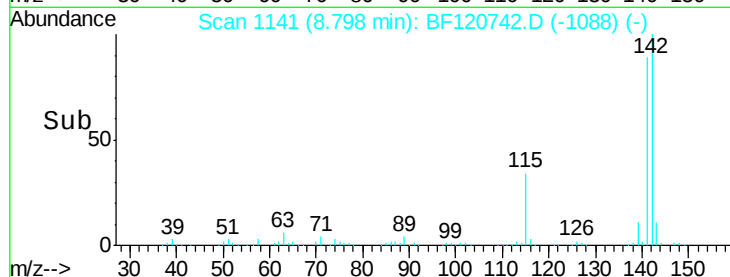
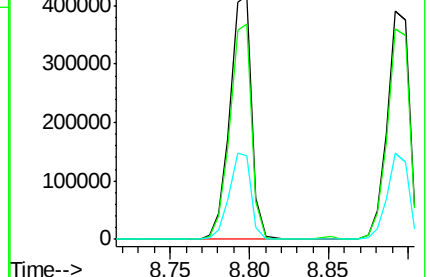
115 34.3 26.3 39.5



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: 57.395 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

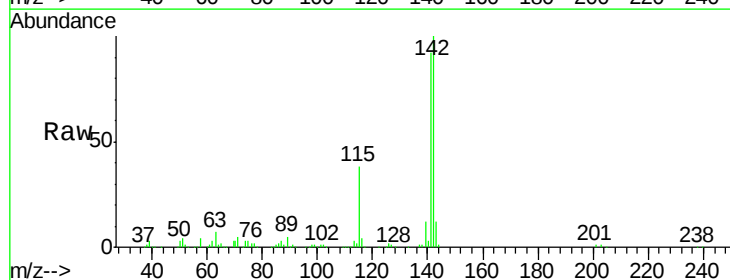
Tgt Ion:142 Resp: 376806

Ion Ratio Lower Upper

142 100

141 92.1 72.7 109.1

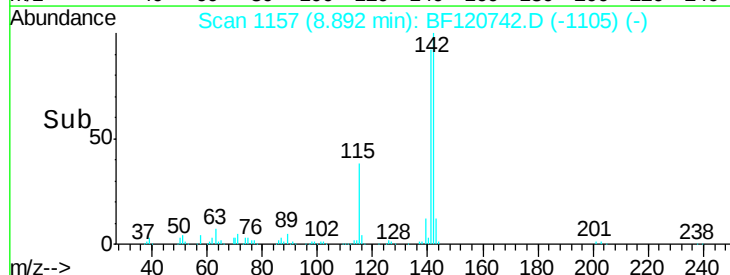
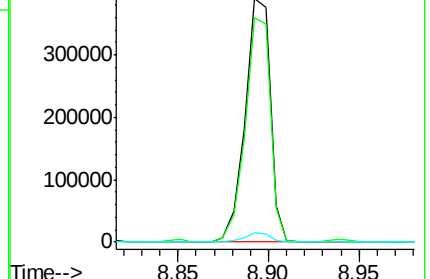
116 3.7 2.7 4.1

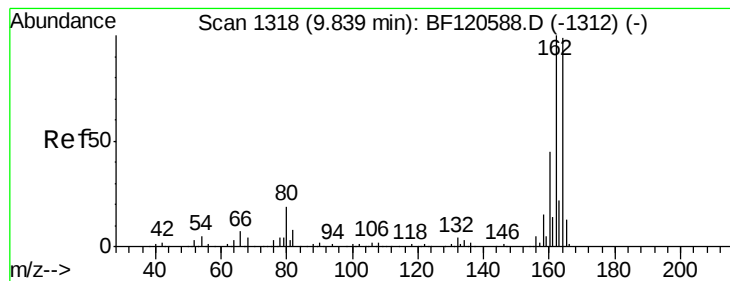


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

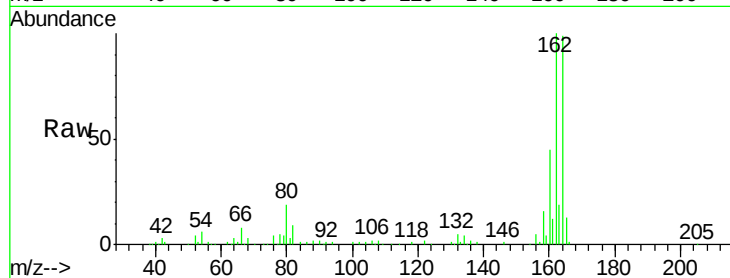
Tot Ion:164 Resp: 110557

Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

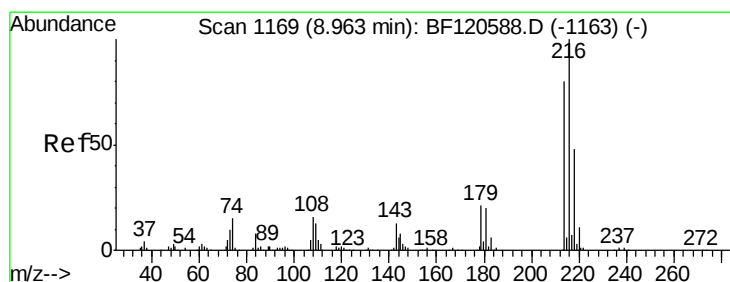
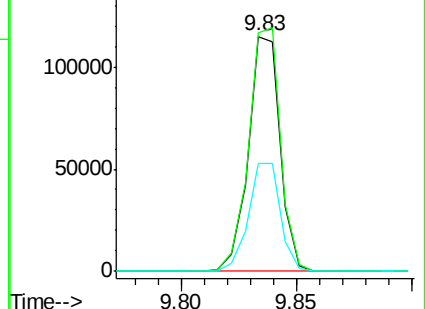
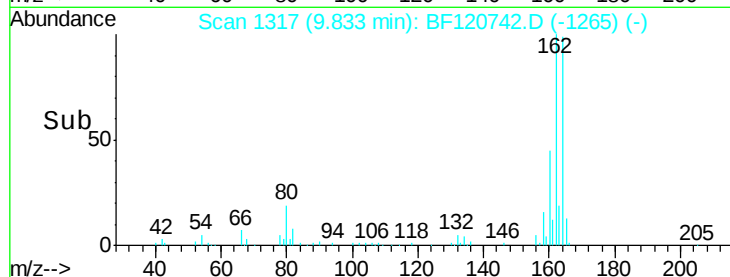
160 45.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.099 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:216 Resp: 191792

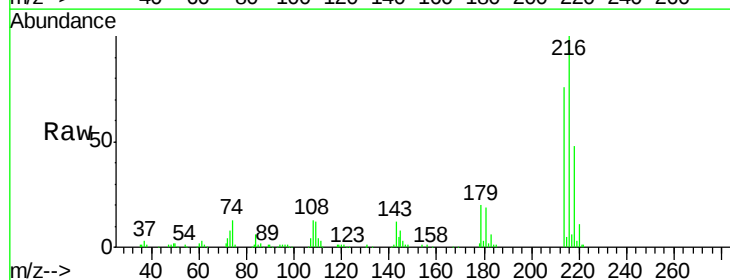
Ion Ratio Lower Upper

216 100

214 77.3 63.1 94.7

179 21.0 16.3 24.5

108 16.4 13.9 20.9

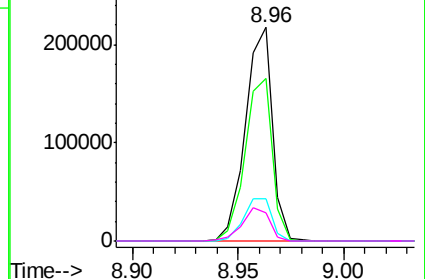
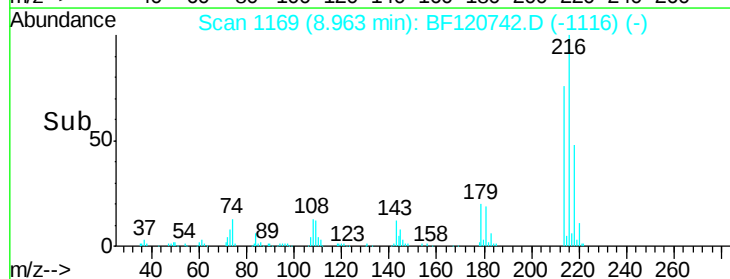


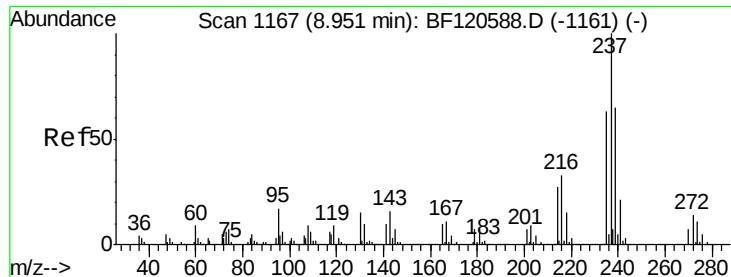
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 18.231 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

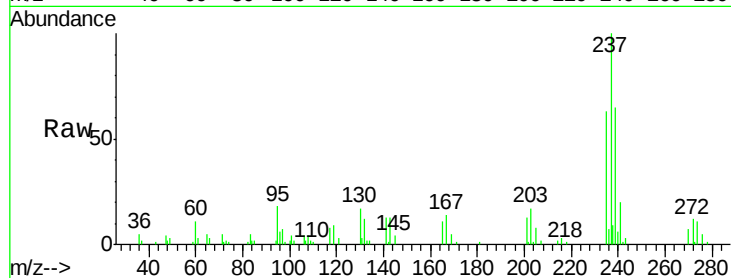
Tot Ion:237 Resp: 33725

Ion Ratio Lower Upper

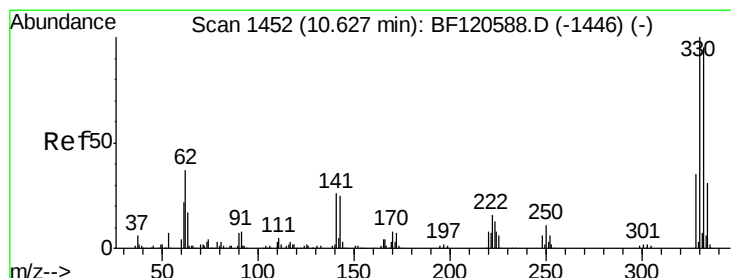
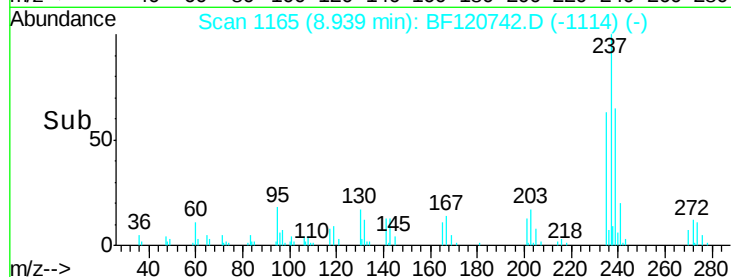
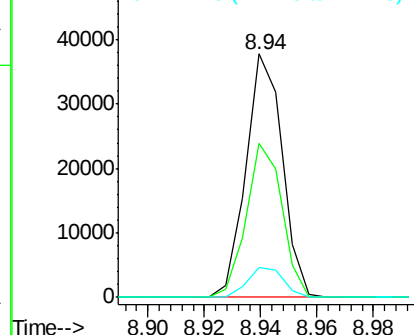
237 100

235 63.3 42.2 82.2

272 12.4 0.0 33.6



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



#42

2,4,6-Tribromophenol

Concen: 147.031 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

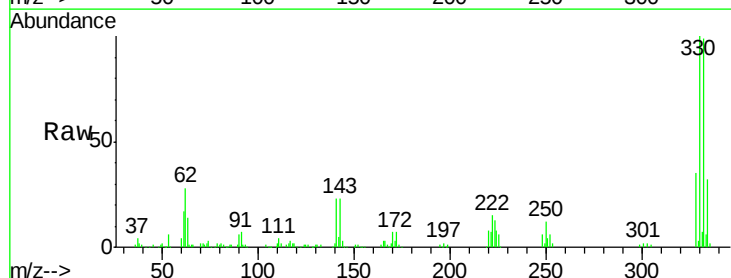
Tgt Ion:330 Resp: 188990

Ion Ratio Lower Upper

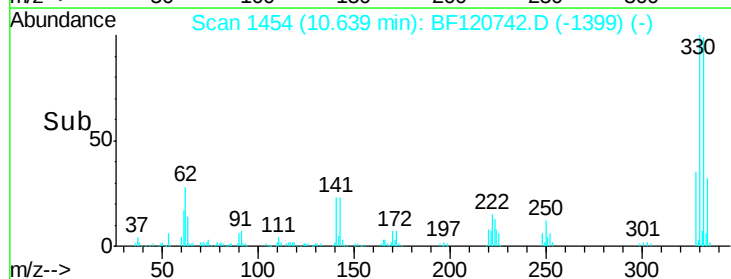
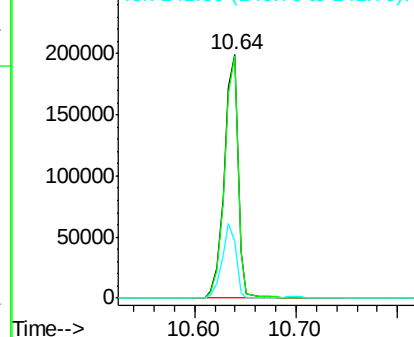
330 100

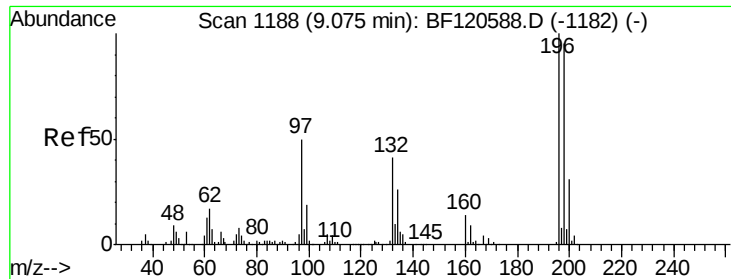
332 97.5 76.4 114.6

141 30.6 23.0 34.6



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

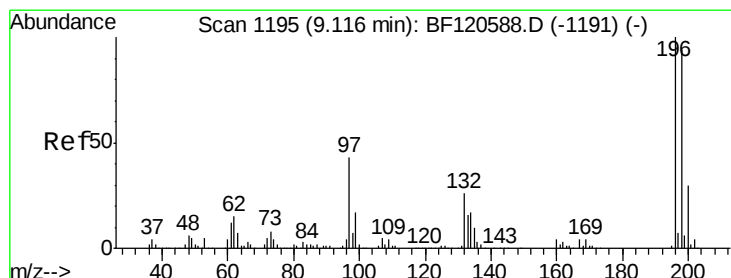
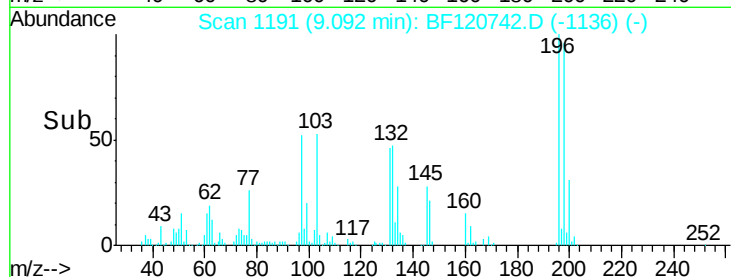
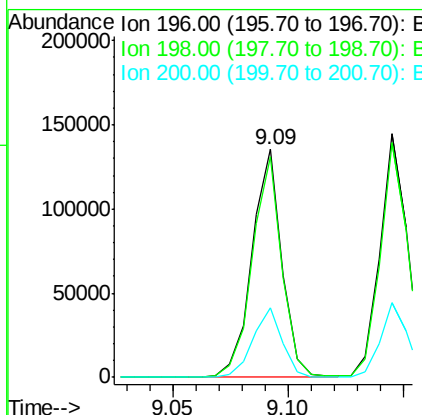
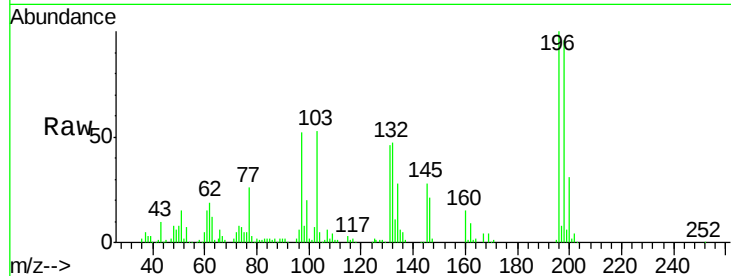




#43
 2,4,6-Trichlorophenol
 Concen: 52.232 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

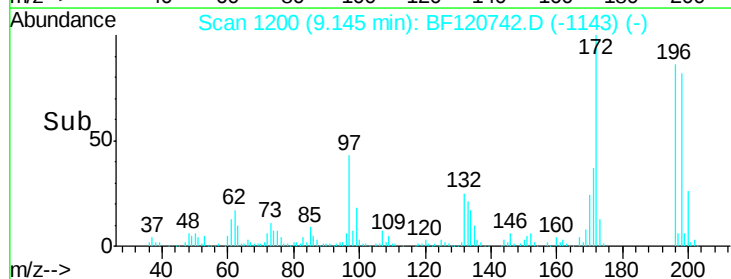
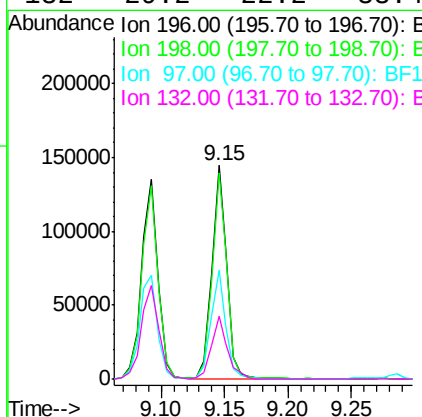
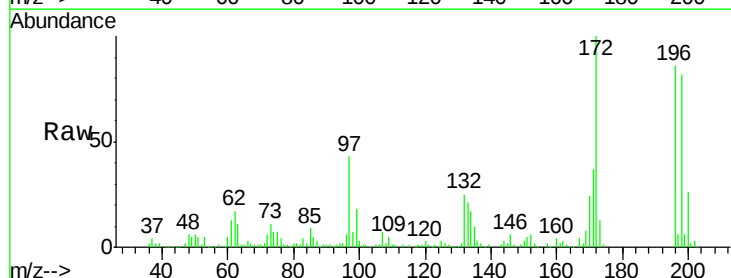
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

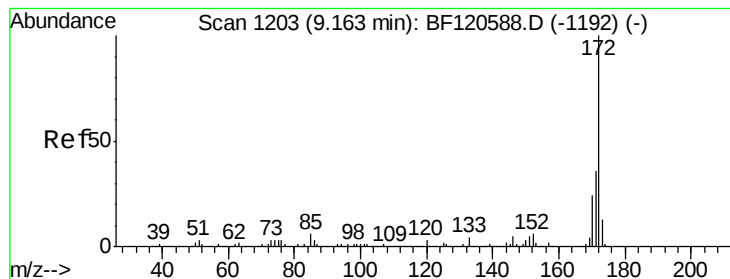
Tot Ion	196	Resp	122311
Ion Ratio	Lower	Upper	
196	100		
198	96.5	77.8	116.6
200	30.6	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.593 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.04 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	196	Resp	121129
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.2	114.2
97	50.8	35.8	53.8
132	29.2	22.2	33.4





#45

2-Fluorobiphenyl

Concen: 114.713 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

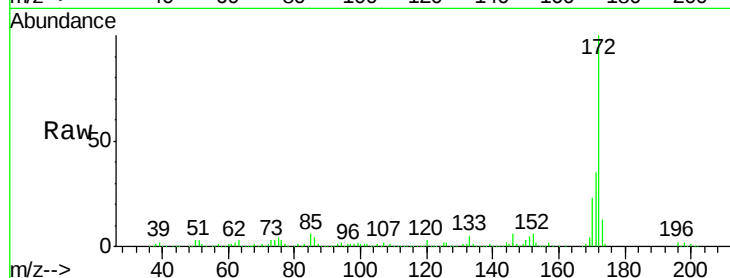
BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:172 Resp: 828917

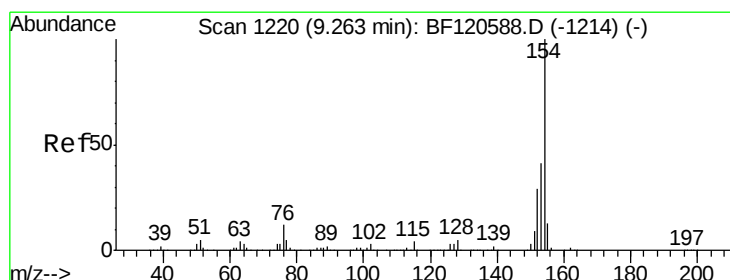
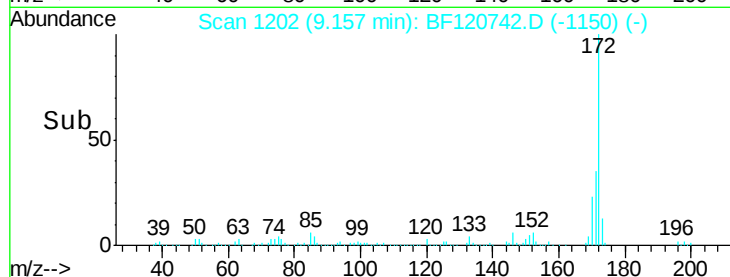
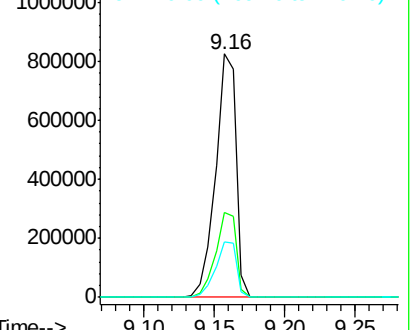
Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	23.0	19.1	28.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 58.697 ng

RT: 9.26 min Scan# 1220

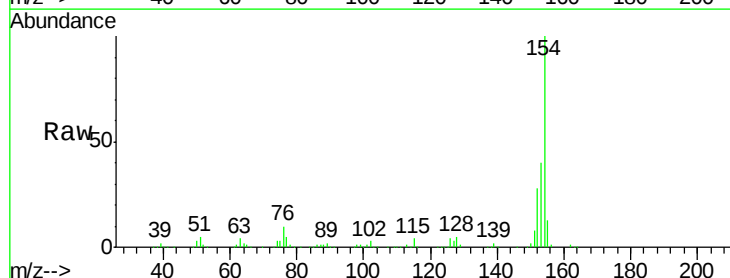
Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:154 Resp: 484570

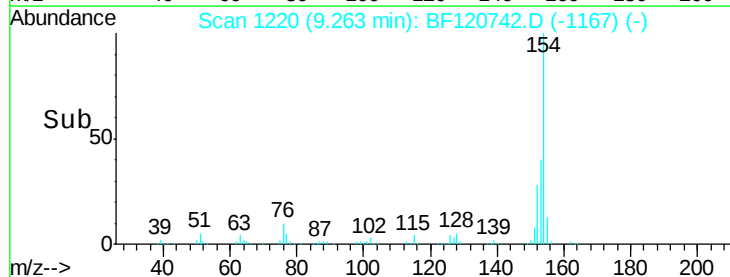
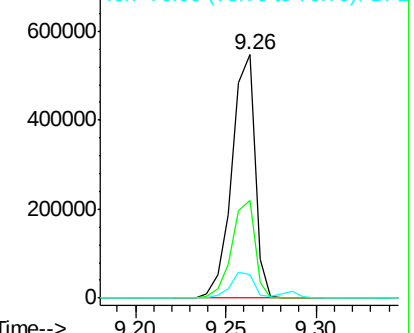
Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.9	59.9
76	9.6	0.0	31.0

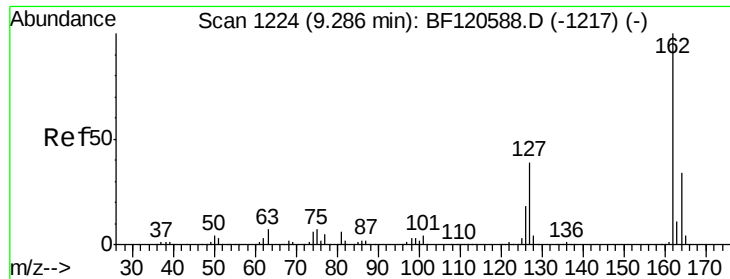


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

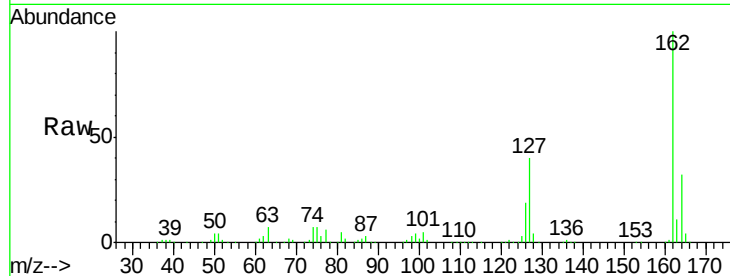




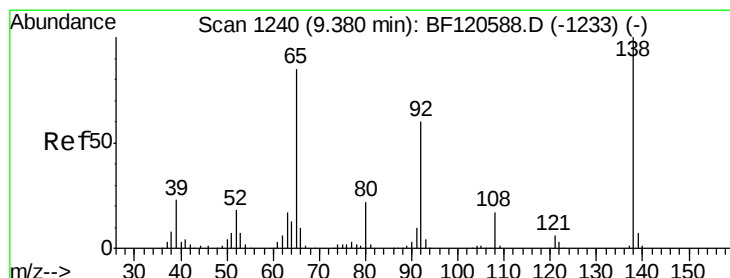
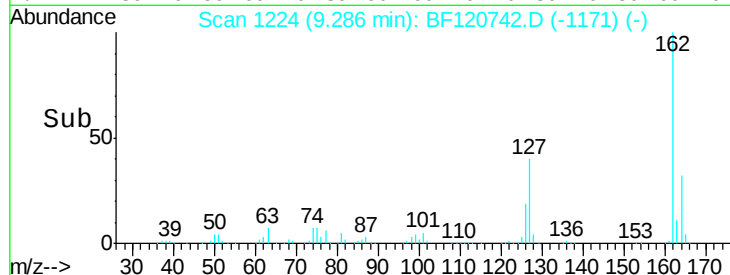
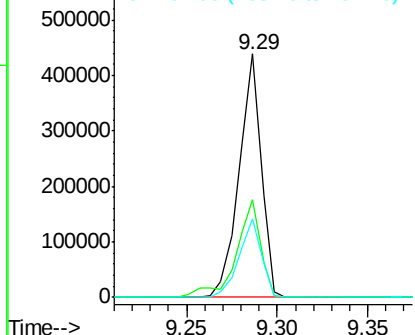
#47
 2-Chloronaphthalene
 Concen: 55.231 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:162 Resp: 372848
 Ion Ratio Lower Upper
 162 100
 127 40.0 31.2 46.8
 164 32.4 26.6 40.0

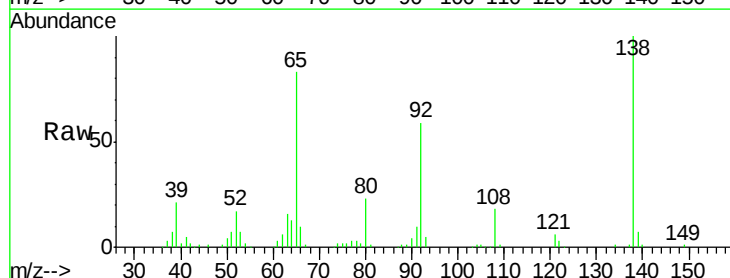


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

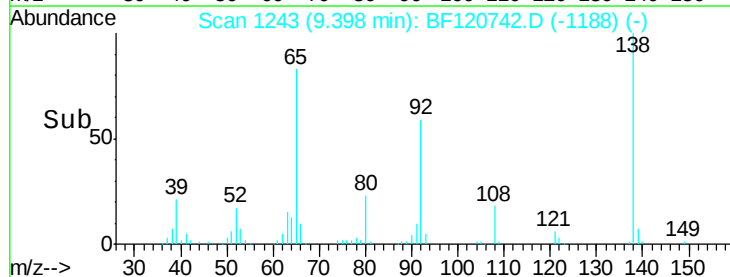
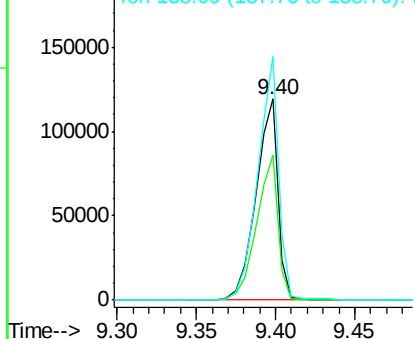


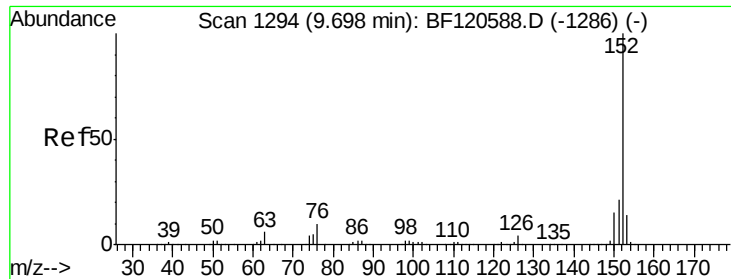
#48
 2-Nitroaniline
 Concen: 54.294 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion: 65 Resp: 115114
 Ion Ratio Lower Upper
 65 100
 92 71.9 57.7 86.5
 138 121.1 96.6 145.0



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: 54.399 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

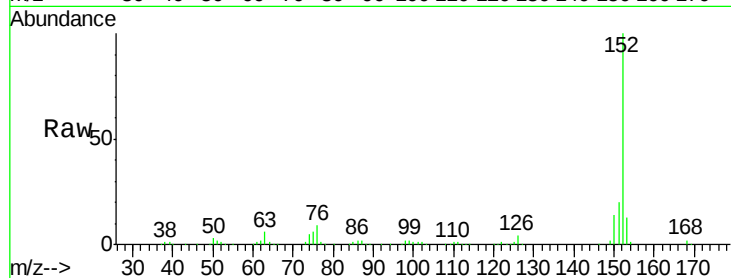
Tot Ion:152 Resp: 566755

Ion Ratio Lower Upper

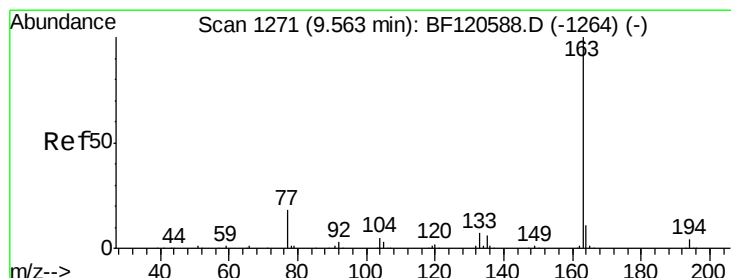
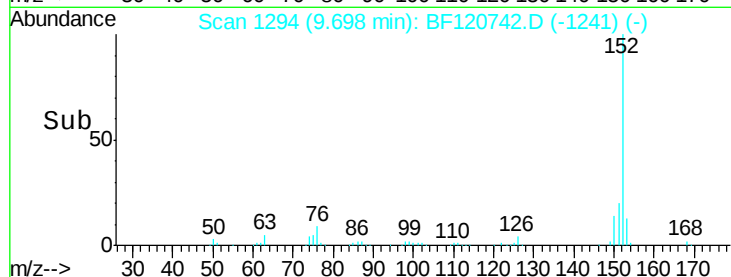
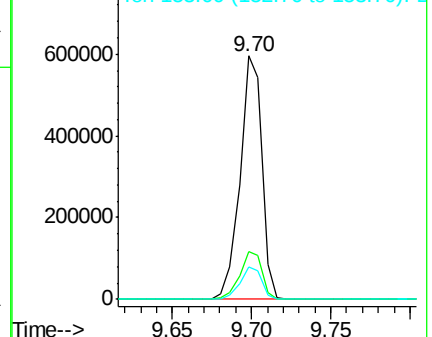
152 100

151 19.9 15.8 23.8

153 13.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.731 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

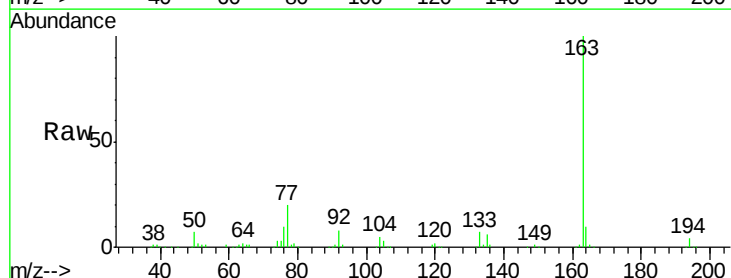
Tgt Ion:163 Resp: 451714

Ion Ratio Lower Upper

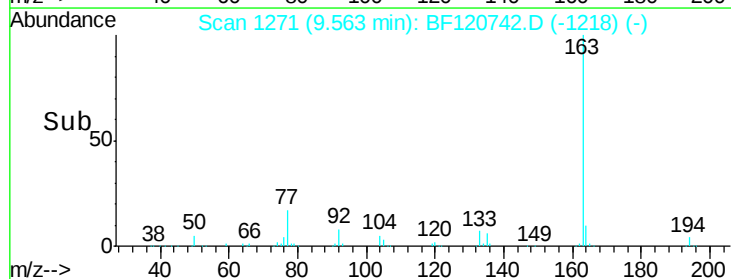
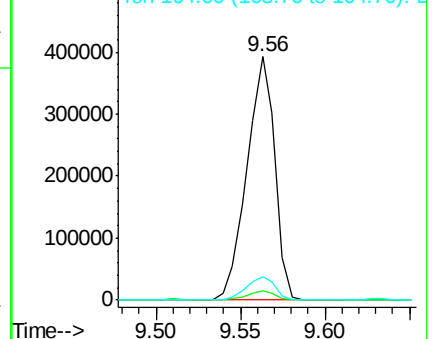
163 100

194 3.6 3.0 4.6

164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

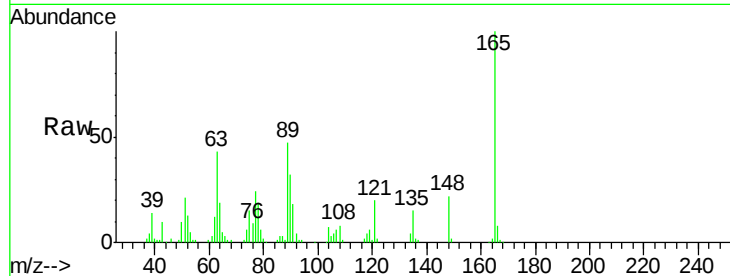




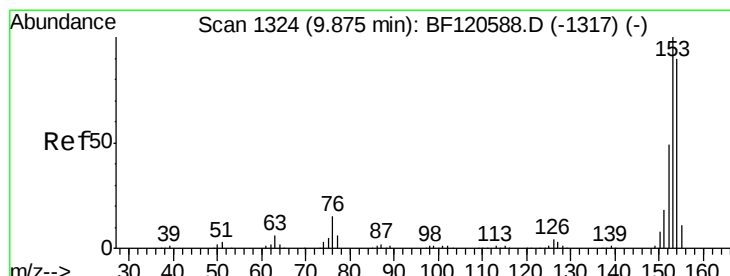
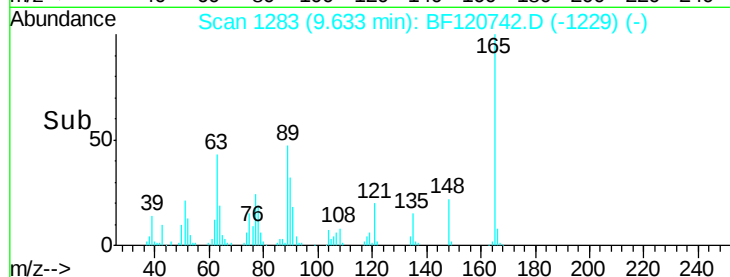
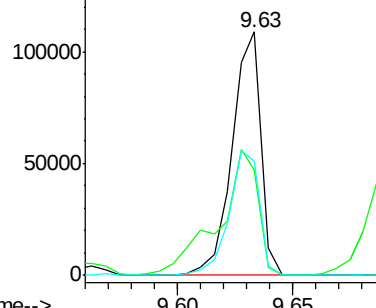
#51
2,6-Dinitrotoluene
Concen: 52.287 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:165 Resp: 94352
Ion Ratio Lower Upper
165 100
63 43.4 36.8 55.2
89 46.9 39.4 59.0

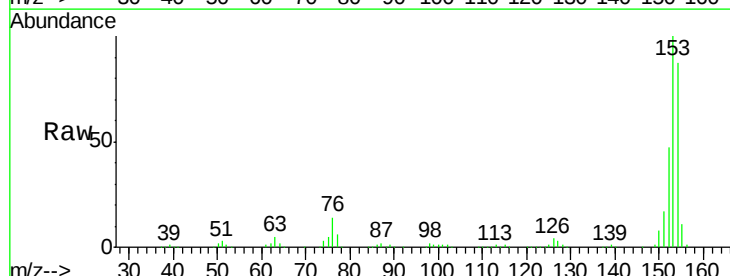


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

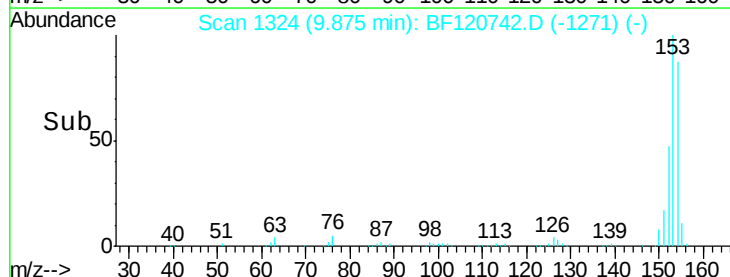
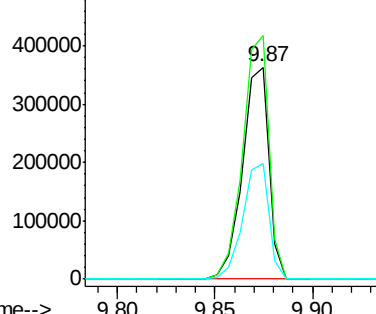


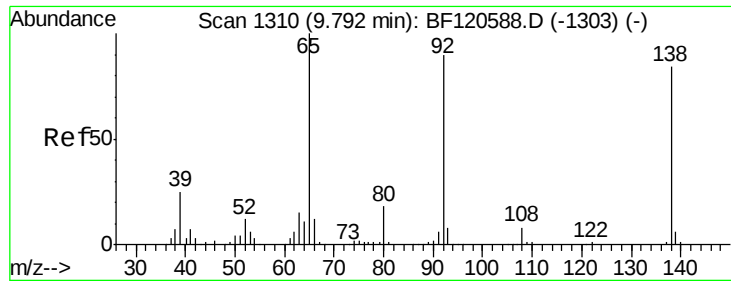
#52
Acenaphthene
Concen: 54.929 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:154 Resp: 341310
Ion Ratio Lower Upper
154 100
153 114.9 90.1 135.1
152 54.3 43.1 64.7



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

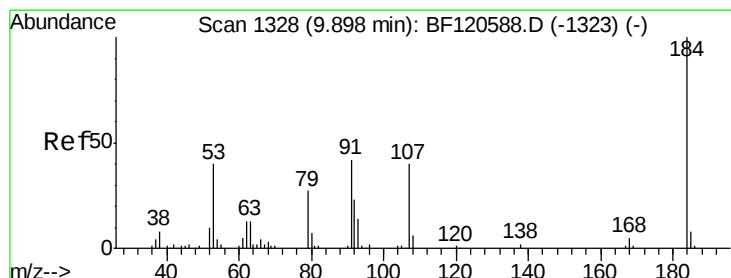
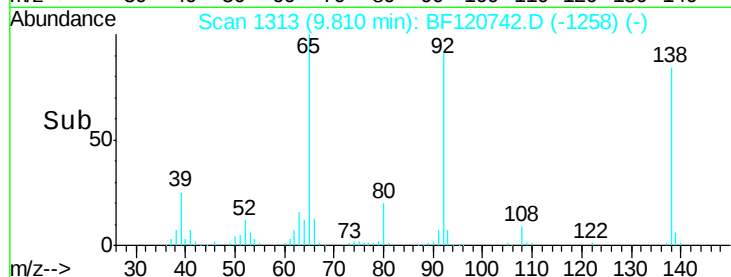
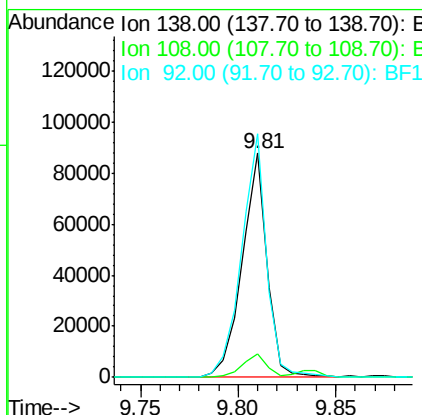
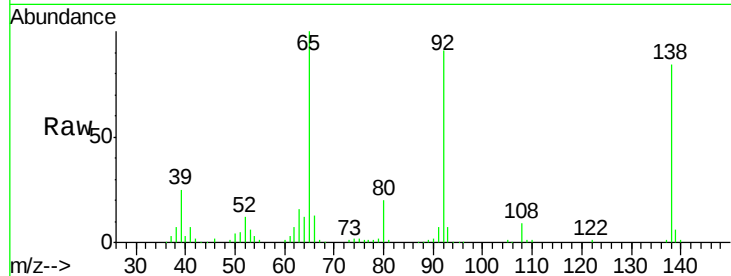




#53
 3-Nitroaniline
 Concen: 35.909 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

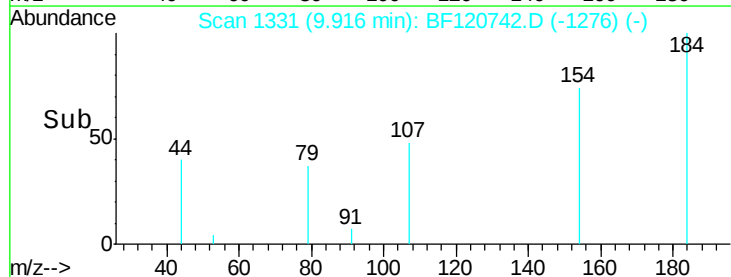
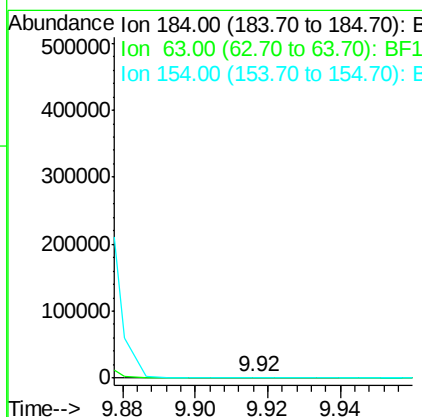
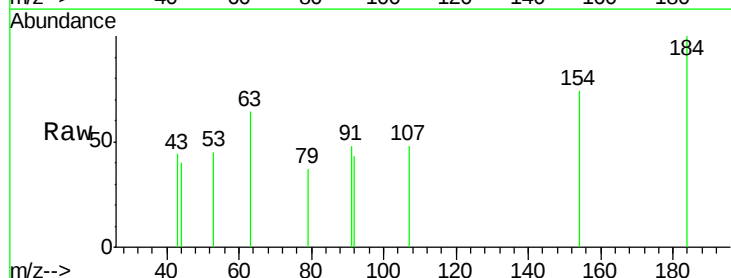
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

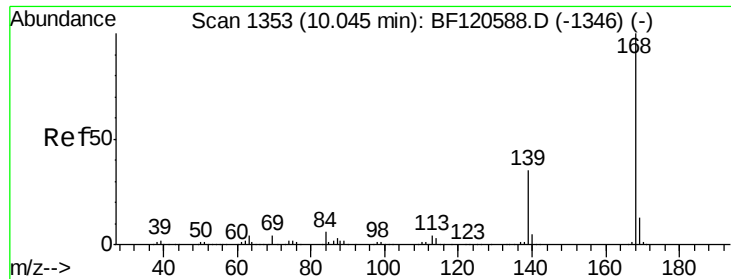
Tot Ion:138 Resp: 77828
 Ion Ratio Lower Upper
 138 100
 108 10.4 7.6 11.4
 92 108.6 82.2 123.4



#54
 2,4-Dinitrophenol
 Concen: 4.158 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:184 Resp: 1206
 Ion Ratio Lower Upper
 184 100
 63 64.2 47.4 71.0
 154 73.9 45.3 67.9#

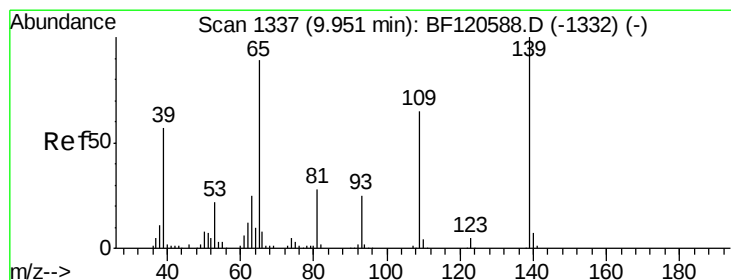
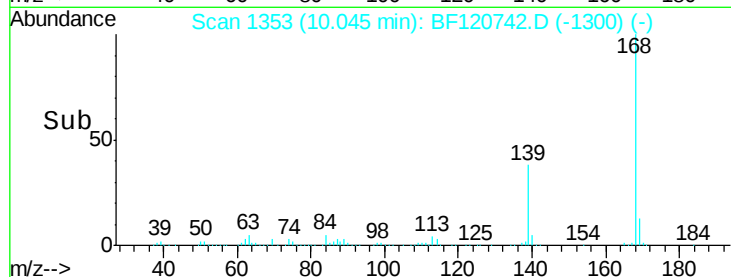
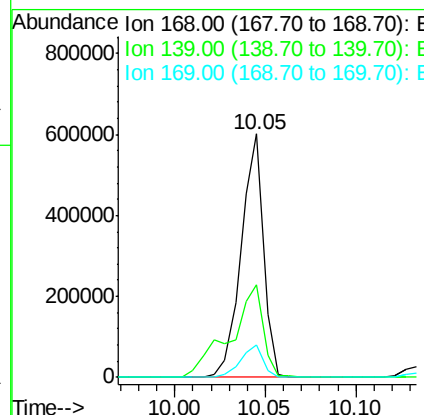
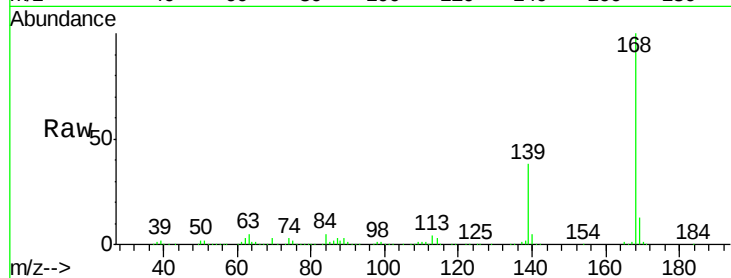




#55
Dibenzofuran
Concen: 53.829 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

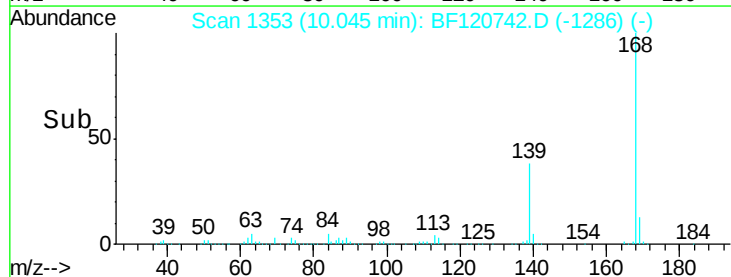
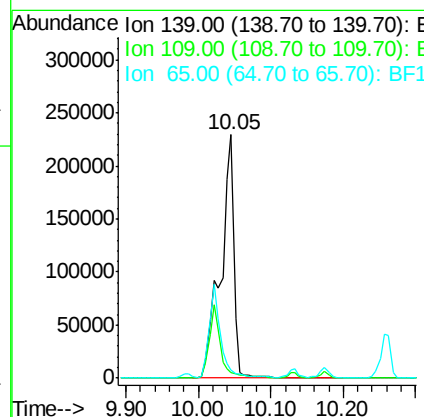
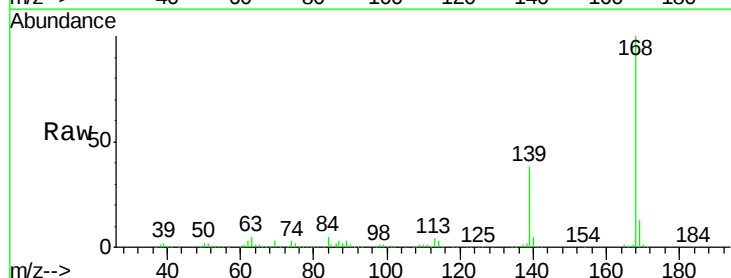
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

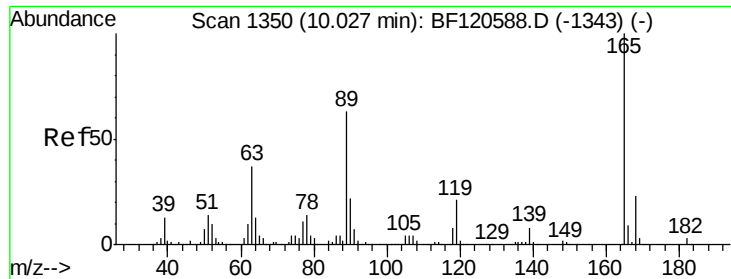
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	28.6	43.0
169	13.5	10.7	16.1



#56
4-Nitrophenol
Concen: 182.208 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.09 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	2.5	44.5	84.5#
65	3.3	69.7	109.7#

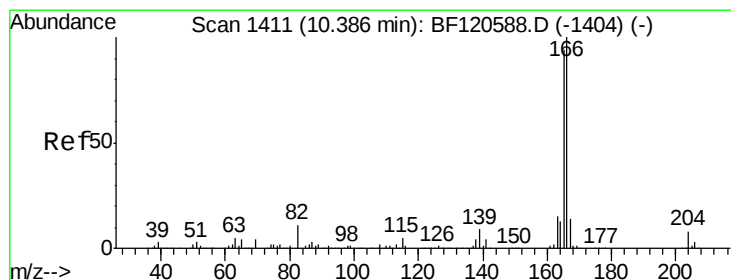
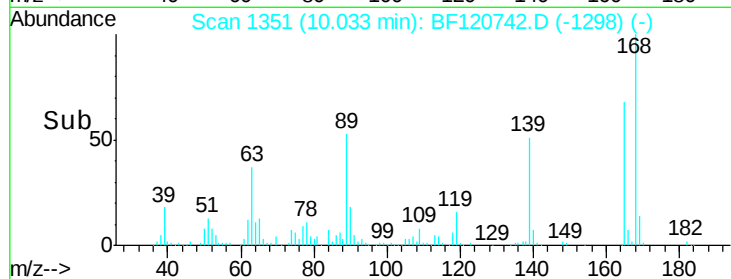
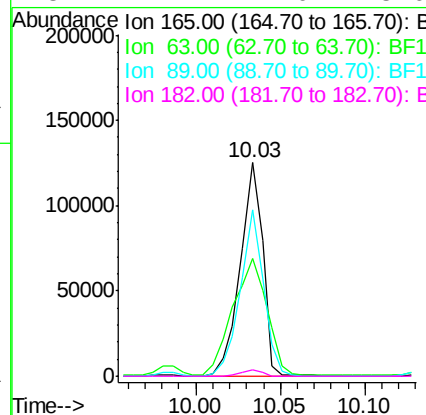
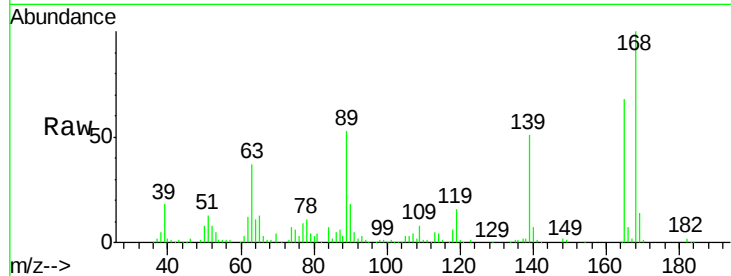




#57
 2,4-Dinitrotoluene
 Concen: 48.571 ng
 RT: 10.03 min Scan# 1351
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

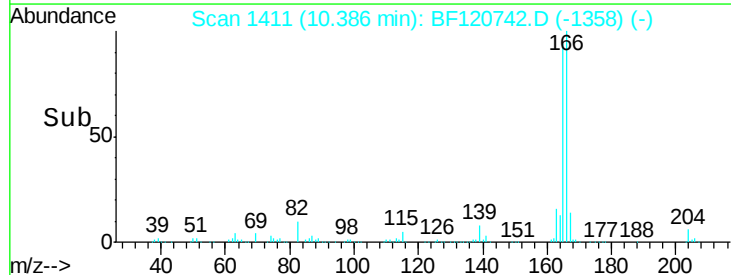
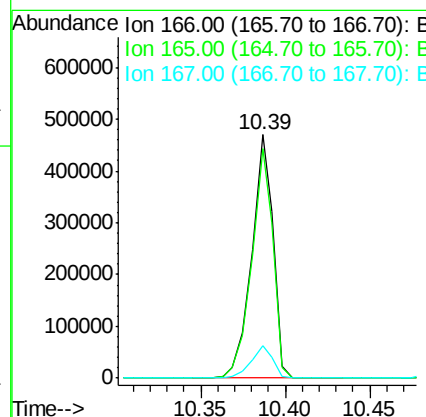
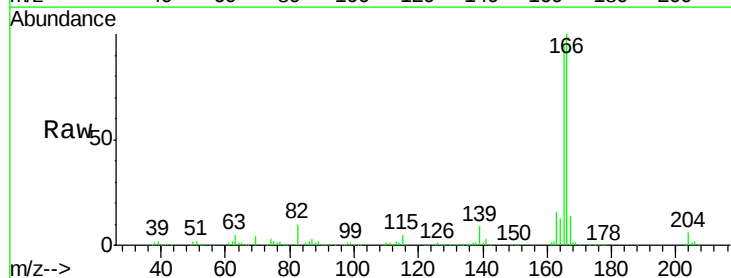
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

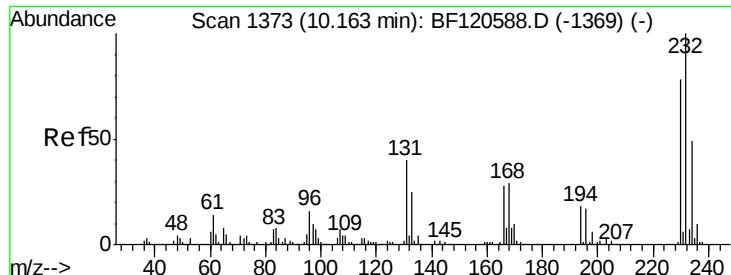
Tot Ion:165 Resp: 116300
 Ion Ratio Lower Upper
 165 100
 63 55.1 30.1 45.1#
 89 77.9 49.2 73.8#
 182 2.7 2.0 3.0



#58
 Fluorene
 Concen: 56.705 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:166 Resp: 416477
 Ion Ratio Lower Upper
 166 100
 165 94.5 74.6 112.0
 167 13.5 10.9 16.3

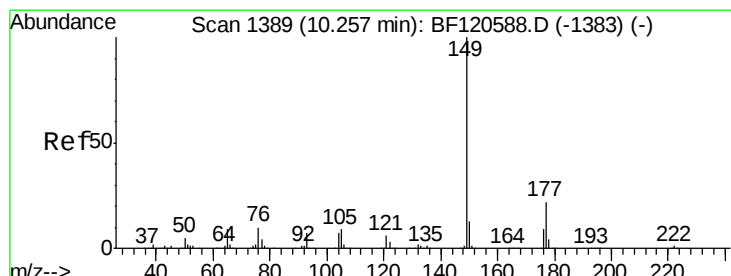
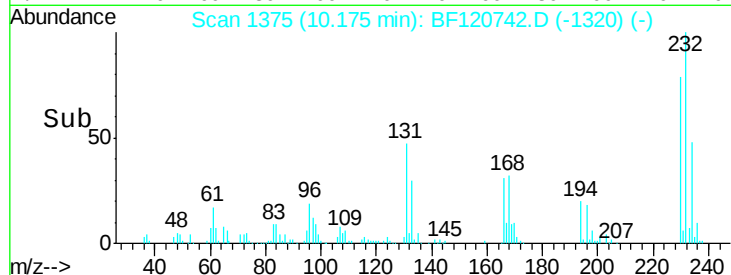
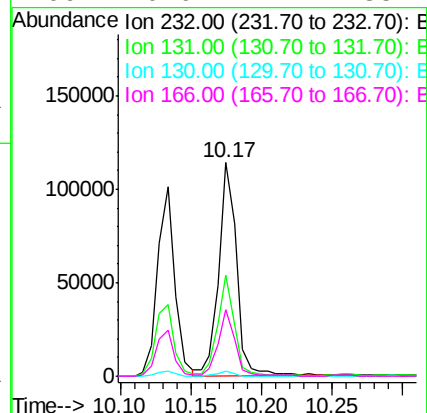
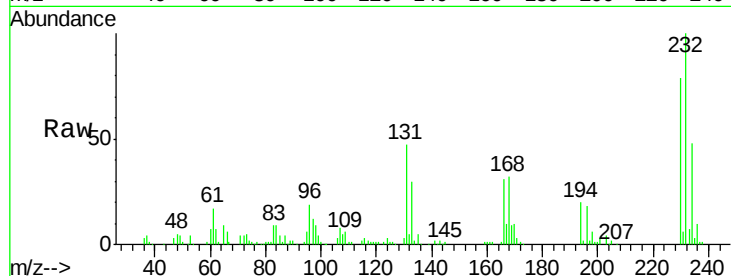




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.297 ng
RT: 10.17 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

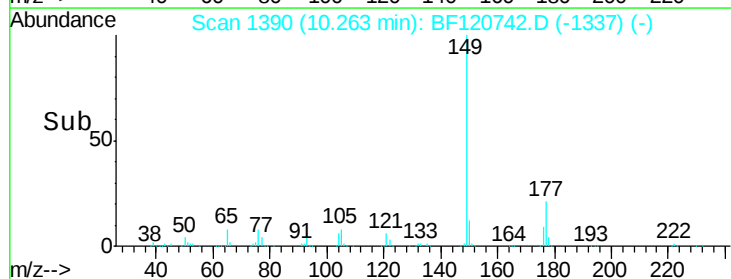
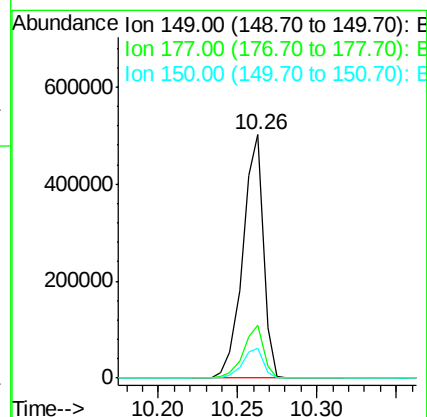
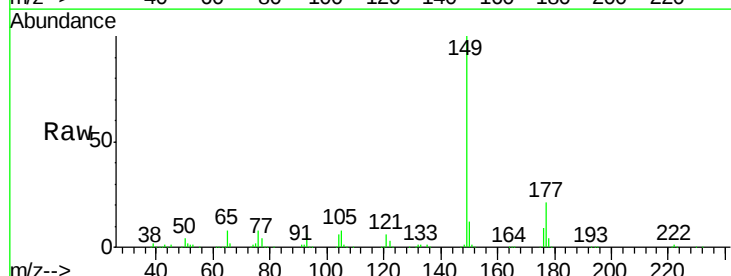
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

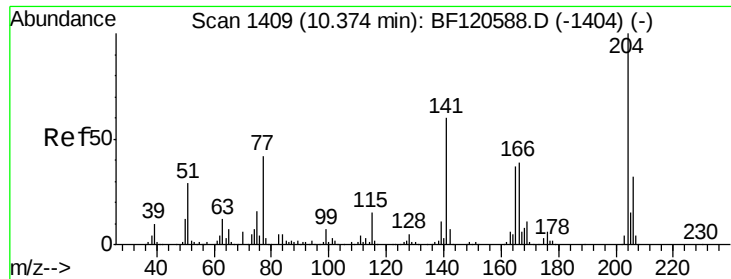
Tot Ion:232 Resp: 100946
Ion Ratio Lower Upper
232 100
131 45.2 32.4 48.6
130 2.3 1.4 2.2#
166 29.9 22.1 33.1



#60
Diethylphthalate
Concen: 57.538 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:149 Resp: 451214
Ion Ratio Lower Upper
149 100
177 21.5 18.0 27.0
150 12.2 9.8 14.6

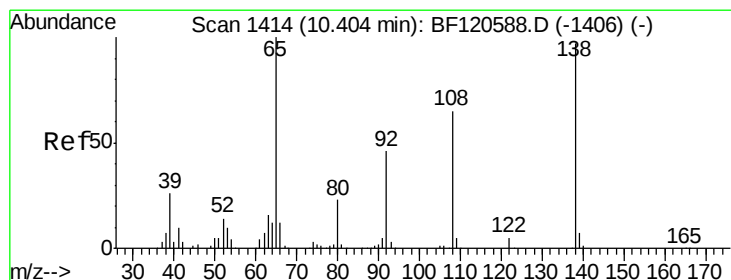
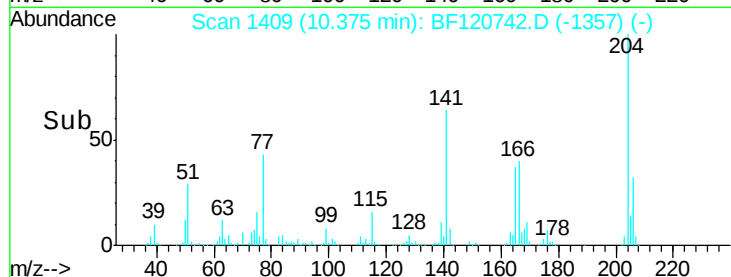
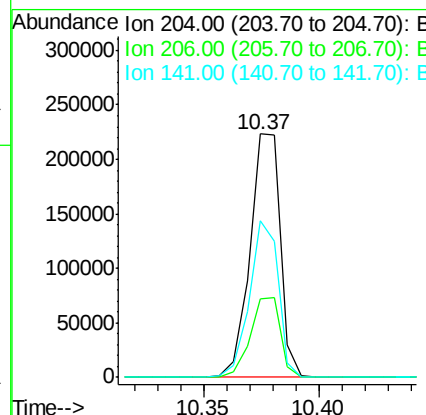
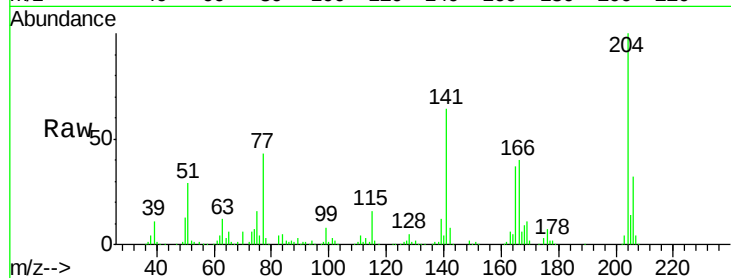




#61
4-Chlorophenyl-phenylether
Concen: 54.069 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

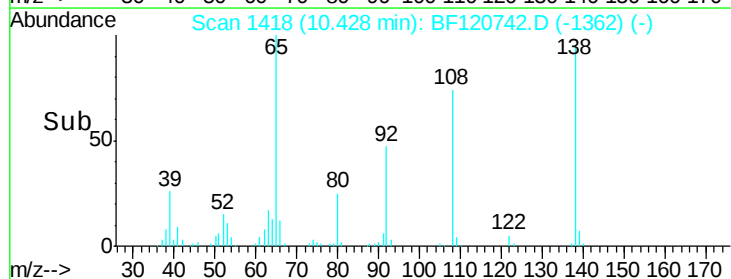
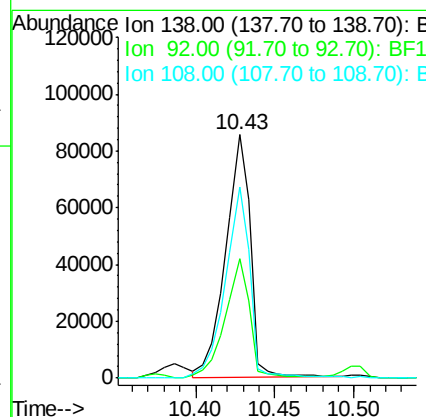
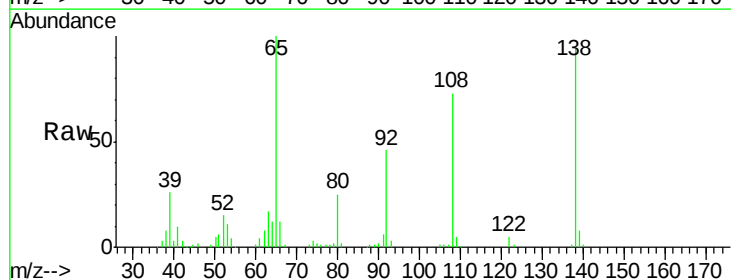
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:204 Resp: 205079
Ion Ratio Lower Upper
204 100
206 32.0 26.4 39.6
141 64.4 42.9 64.3#



#62
4-Nitroaniline
Concen: 42.679 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.03 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:138 Resp: 91831
Ion Ratio Lower Upper
138 100
92 49.2 26.4 66.4
108 78.3 45.5 85.5

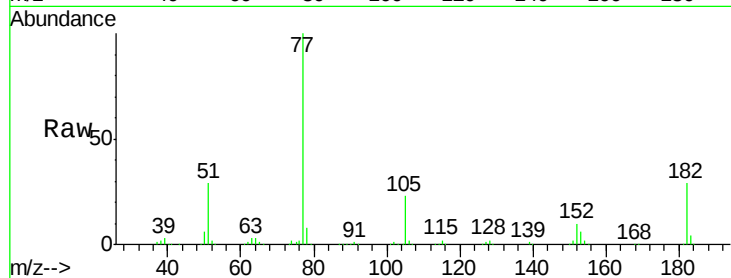




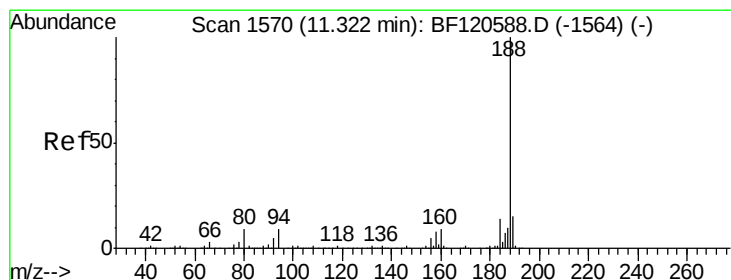
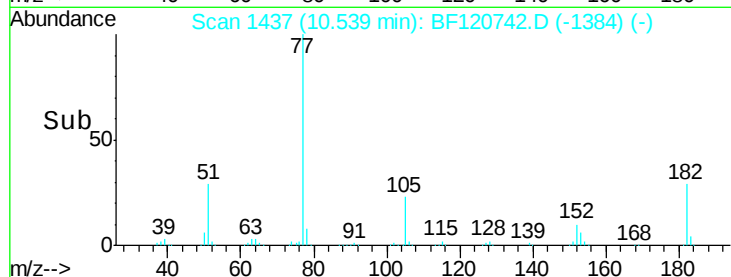
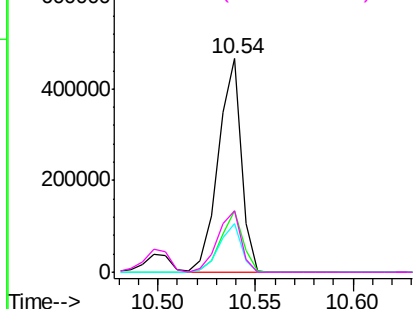
#63
Azobenzene
Concen: 53.361 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.6	47.6
105	22.6	3.9	43.9
51	28.8	8.8	48.8

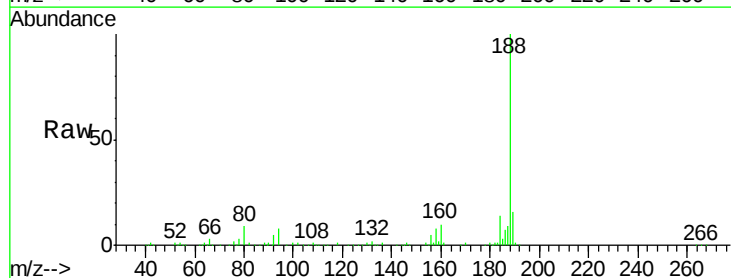


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

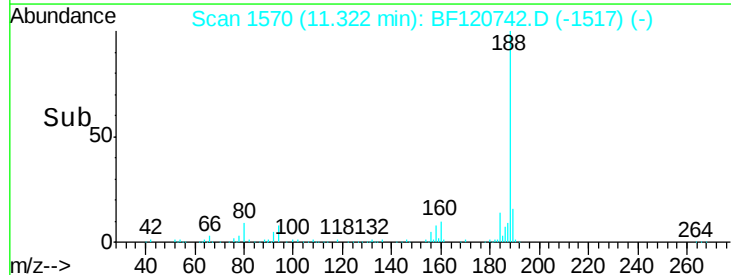
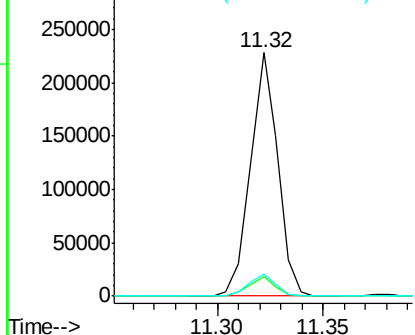


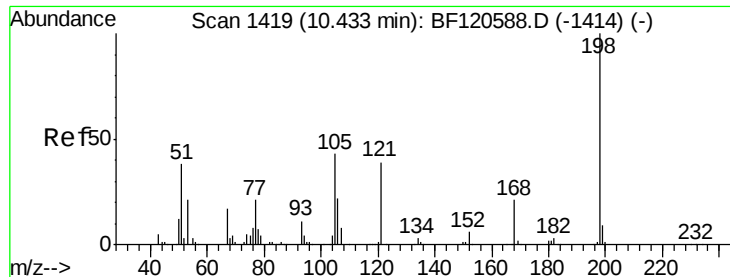
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.5	11.3
80	8.9	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 5.139 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

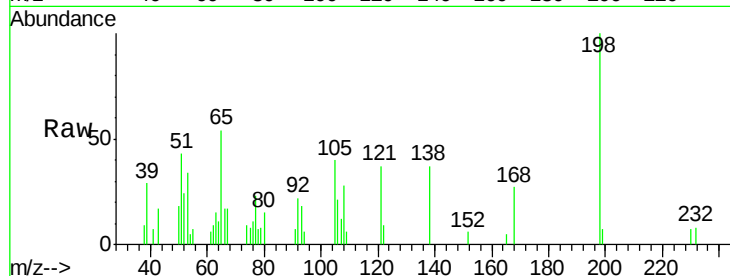
Tot Ion:198 Resp: 6345

Ion Ratio Lower Upper

198 100

51 43.4 23.6 63.6

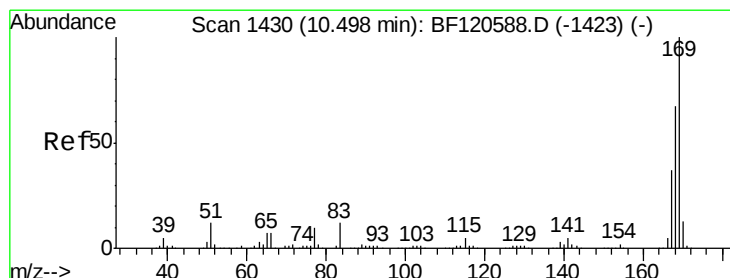
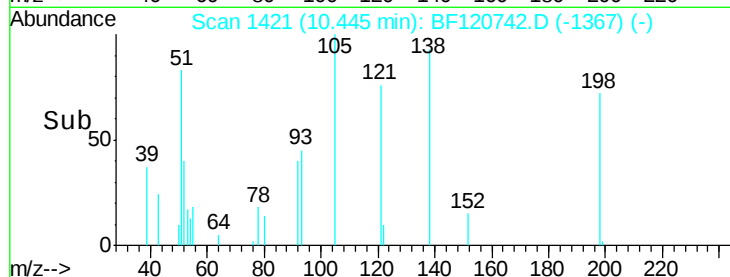
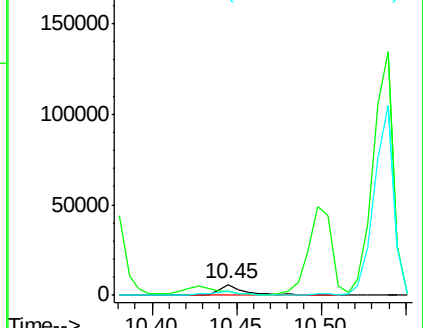
105 39.8 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 57.862 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

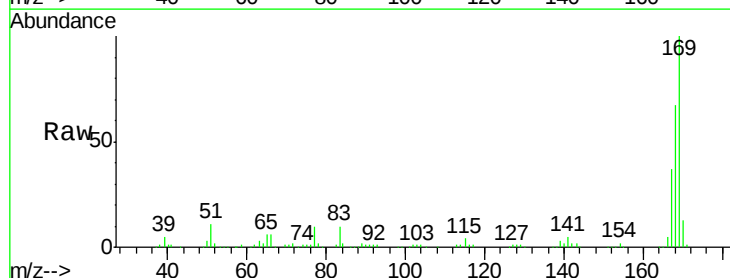
Tgt Ion:169 Resp: 365656

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

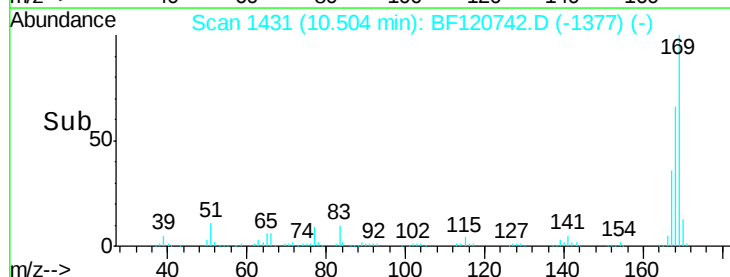
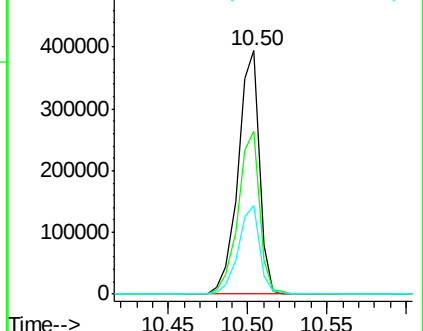
167 36.6 29.2 43.8

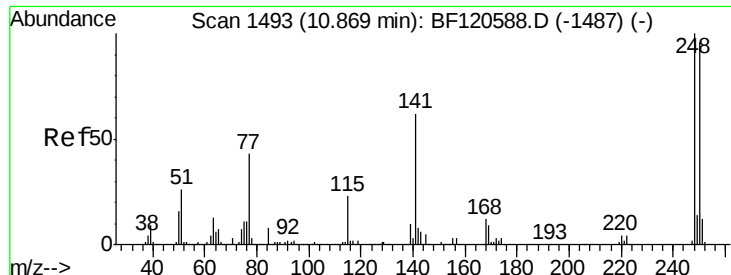


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

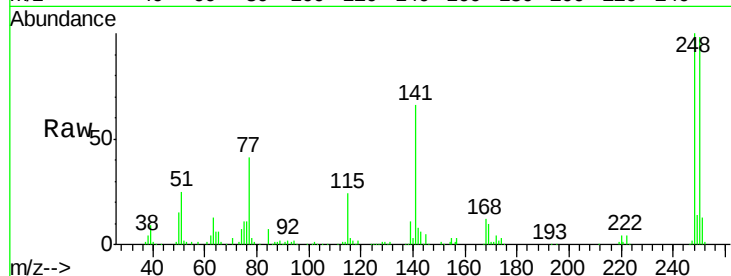




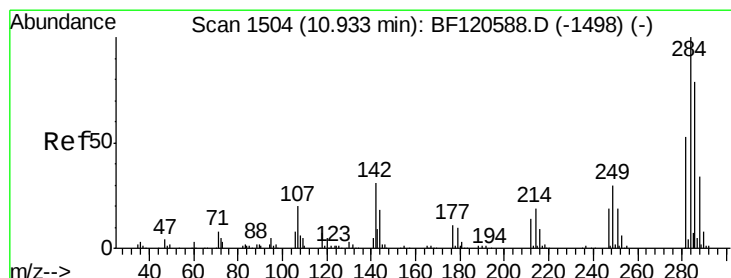
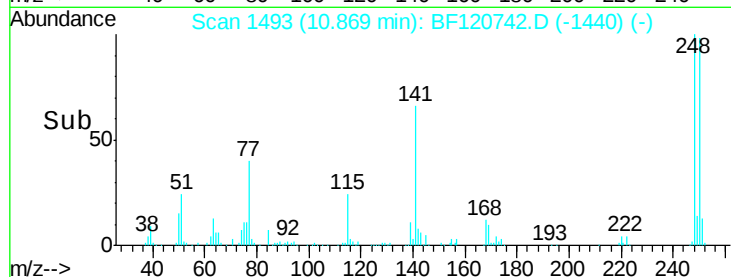
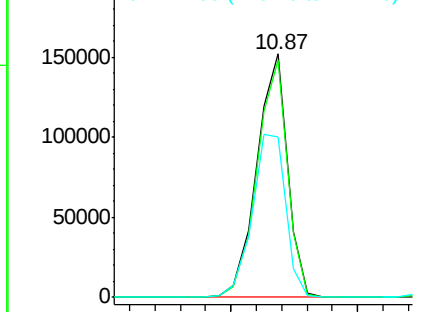
#67
 4-Bromophenyl-phenylether
 Concen: 55.086 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion:248 Resp: 128651
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.8 116.6
 141 66.0 52.0 78.0

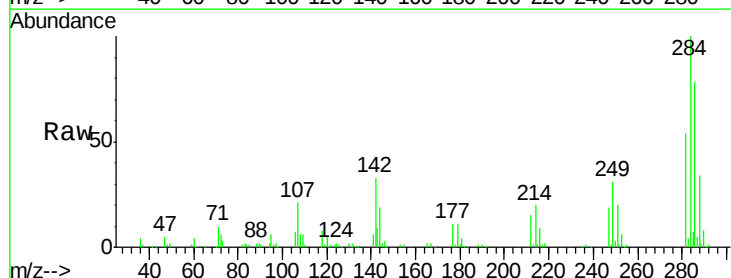


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

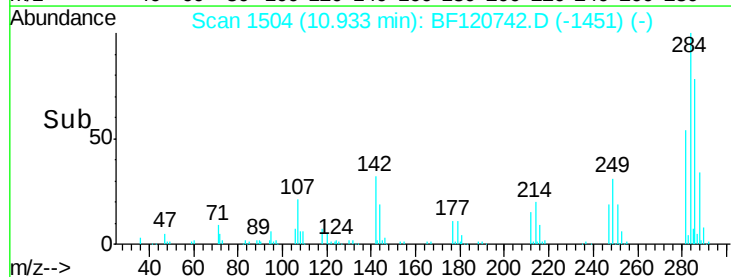
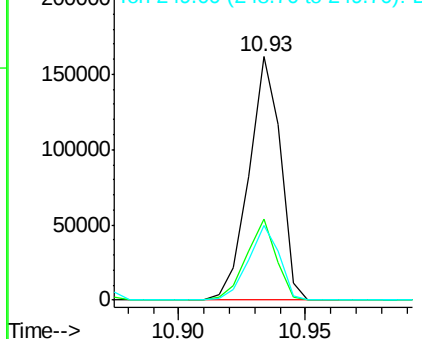


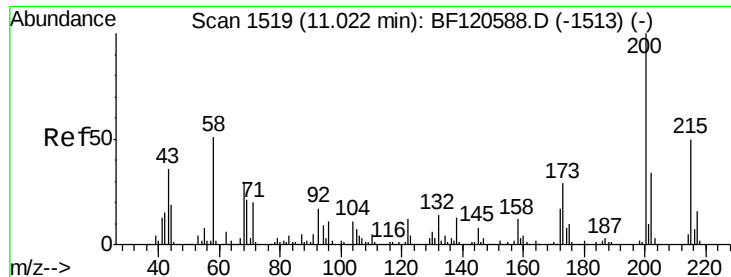
#68
 Hexachlorobenzene
 Concen: 55.847 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:284 Resp: 140232
 Ion Ratio Lower Upper
 284 100
 142 33.4 26.7 40.1
 249 30.9 24.0 36.0



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: 49.433 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

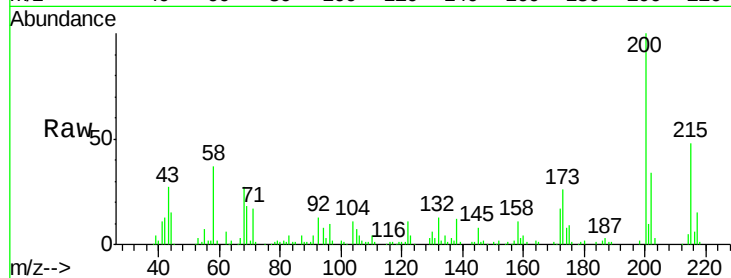
Tot Ion:200 Resp: 96669

Ion Ratio Lower Upper

200 100

173 26.0 6.7 46.7

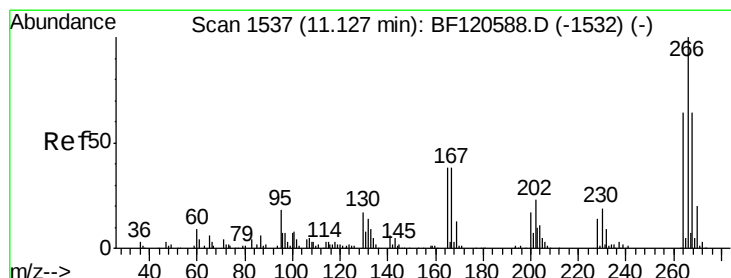
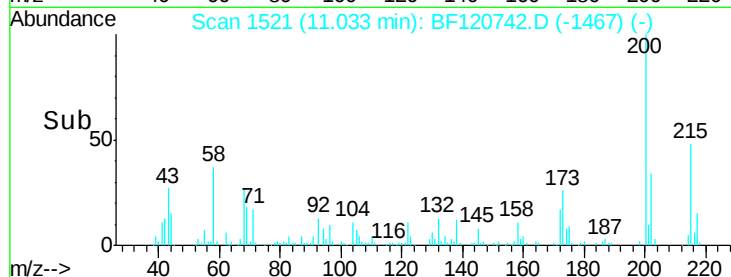
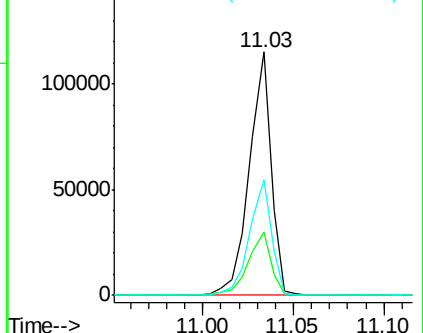
215 47.7 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 56.758 ng

RT: 11.15 min Scan# 1540

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

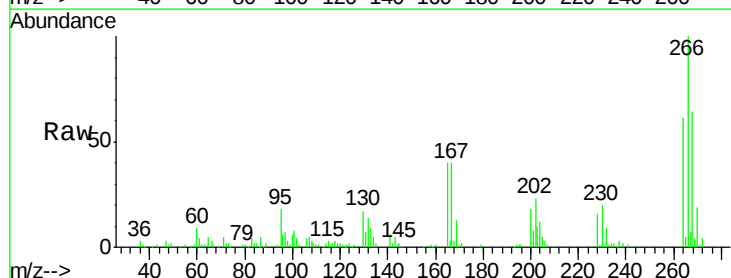
Tgt Ion:266 Resp: 79235

Ion Ratio Lower Upper

266 100

268 64.3 51.8 77.6

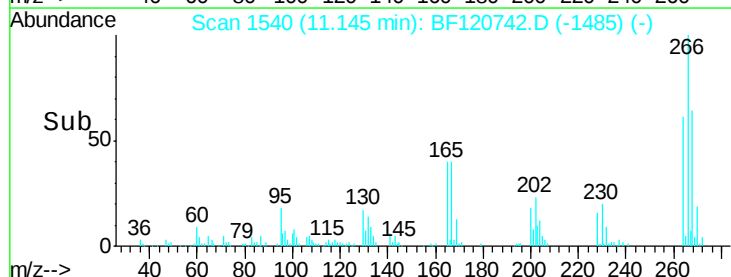
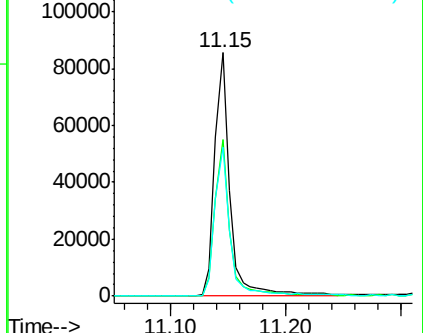
264 61.3 51.3 76.9

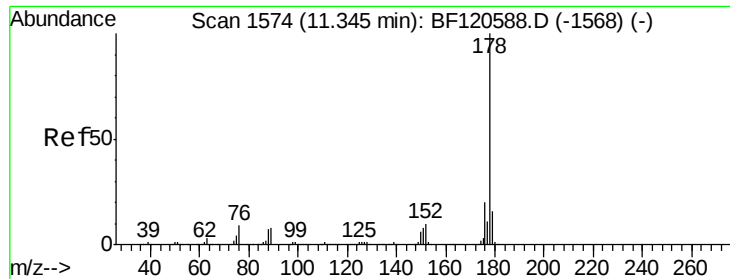


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

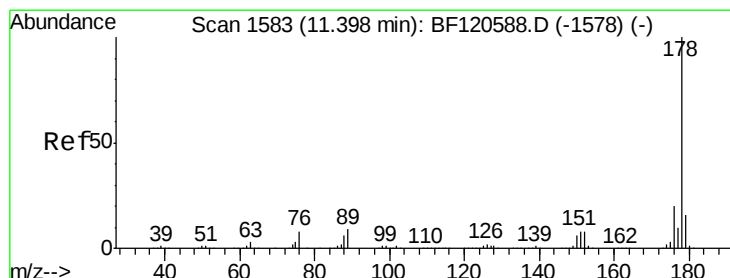
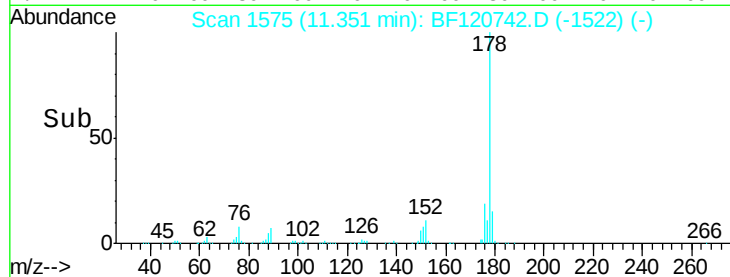
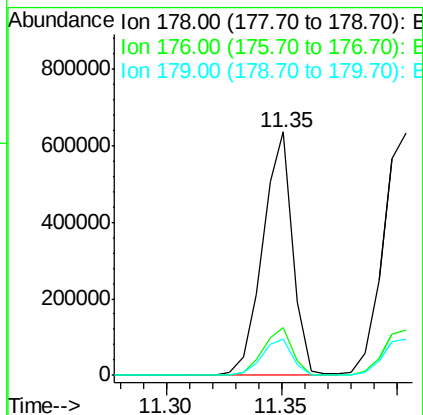
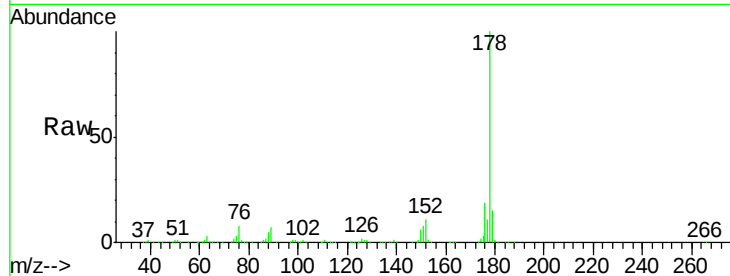




#71
Phenanthrene
Concen: 55.742 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

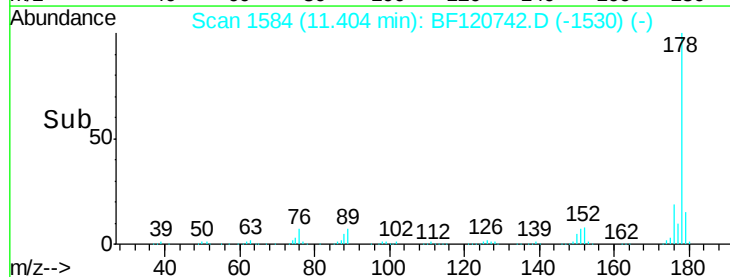
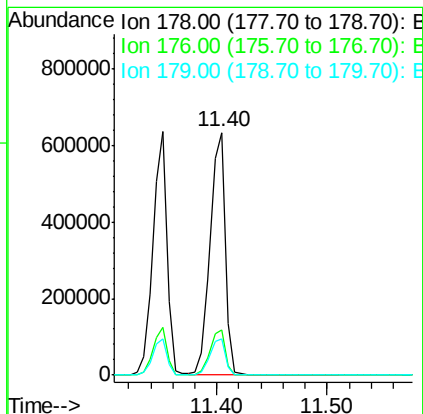
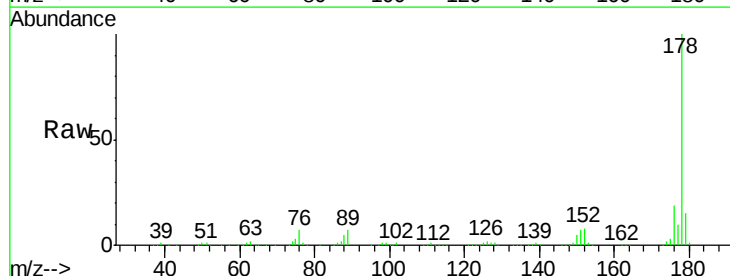
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

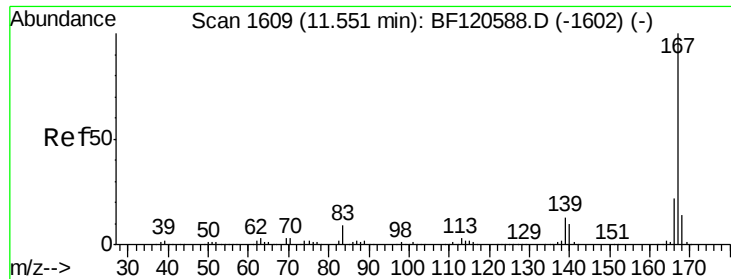
Tot Ion:178 Resp: 570213
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.1 12.3 18.5



#72
Anthracene
Concen: 57.326 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:178 Resp: 591093
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.2 12.9 19.3

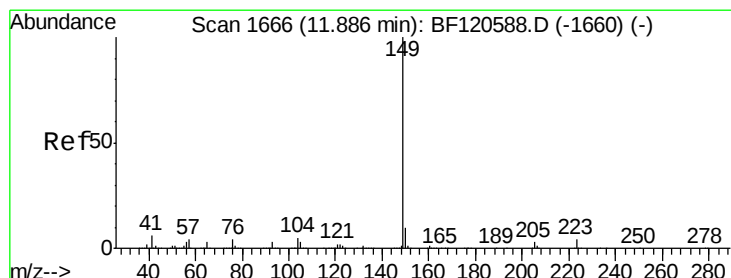
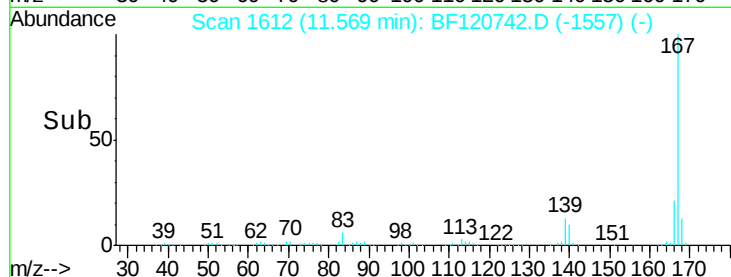
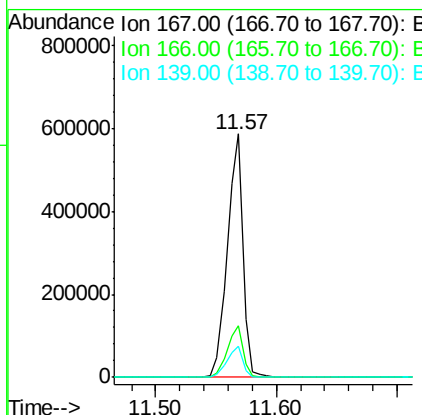
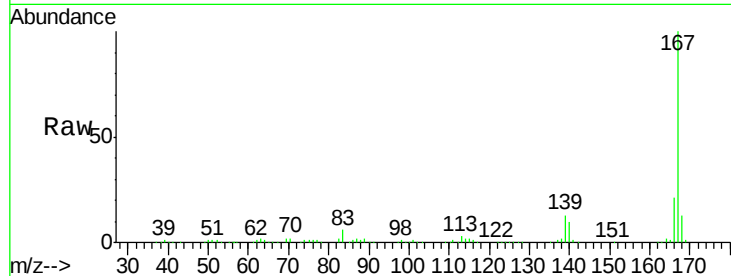




#73
 Carbazole
 Concen: 51.381 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

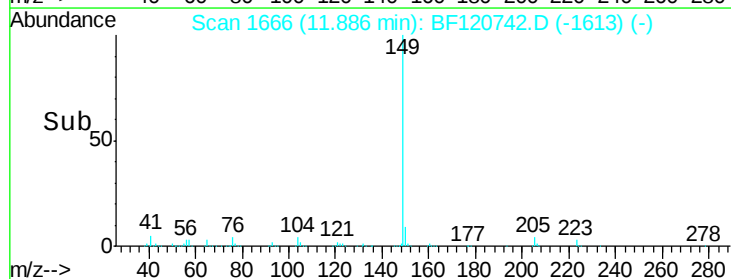
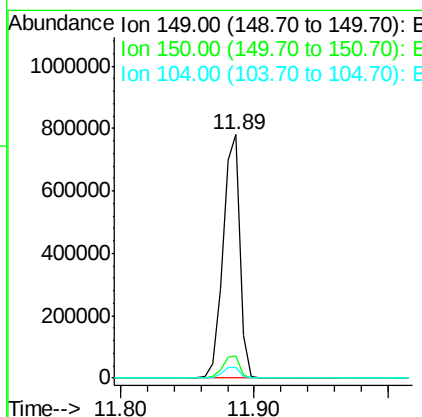
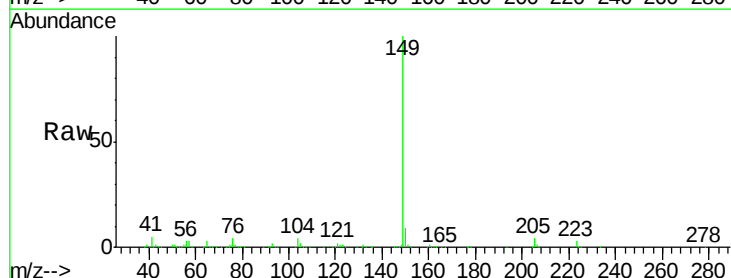
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

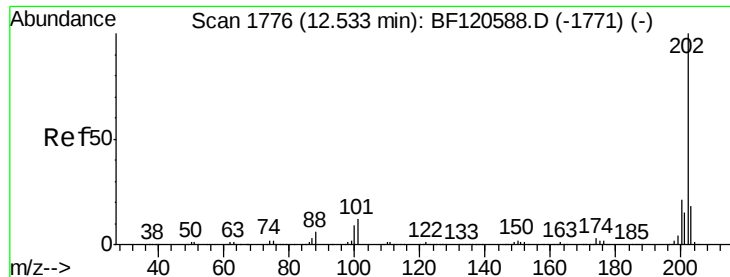
Tot Ion:167 Resp: 524440
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.7 26.5
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 60.369 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:149 Resp: 692730
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.4 3.6 5.4

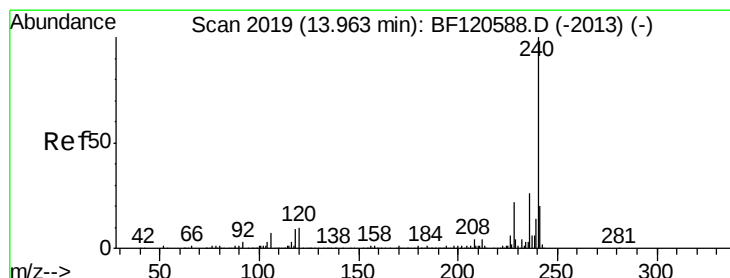
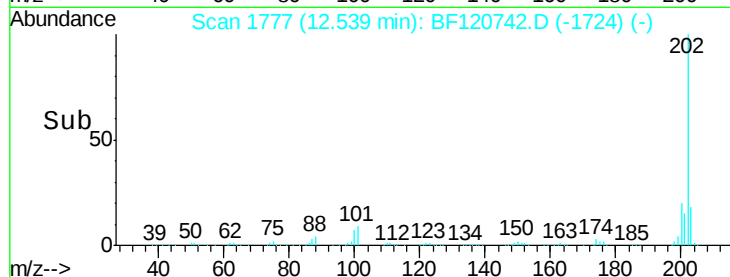
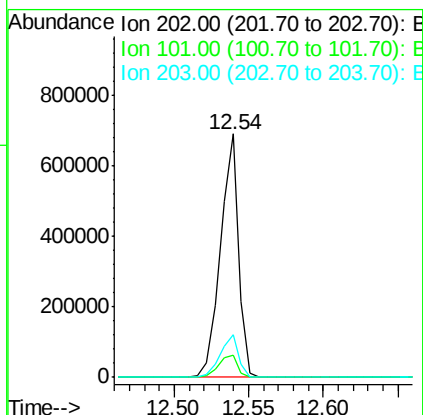
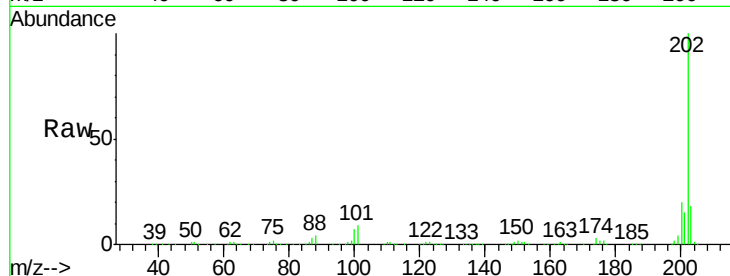




#75
 Fluoranthene
 Concen: 50.425 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

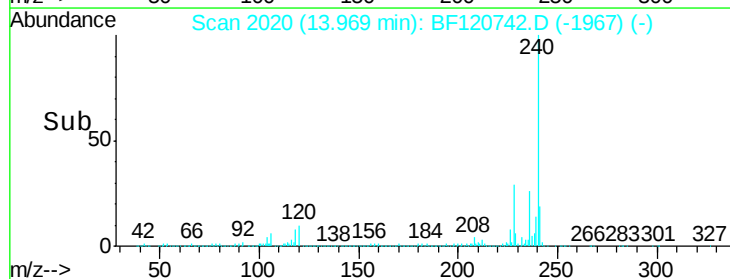
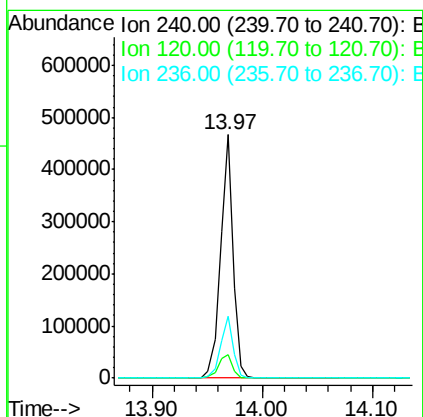
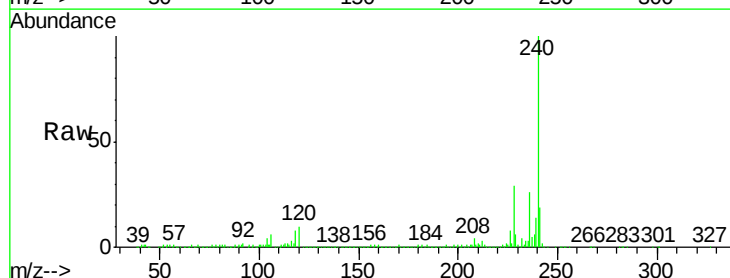
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	29.8
203	17.6	0.0	37.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.6	11.4
236	25.6	21.0	31.4

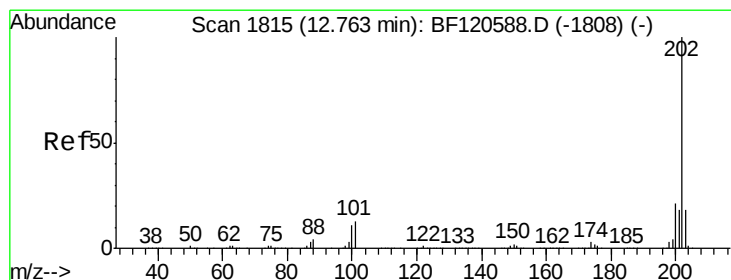
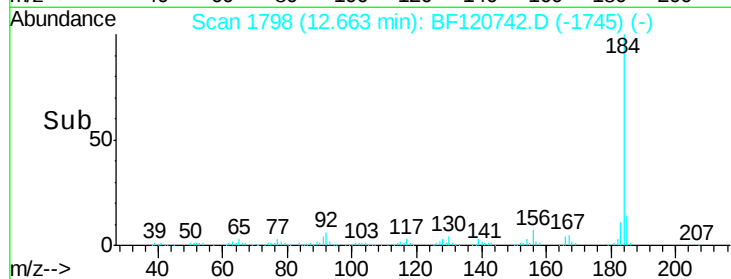
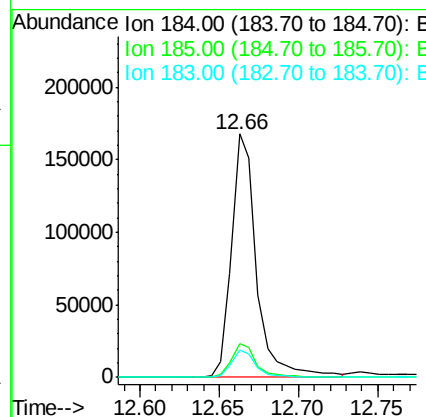
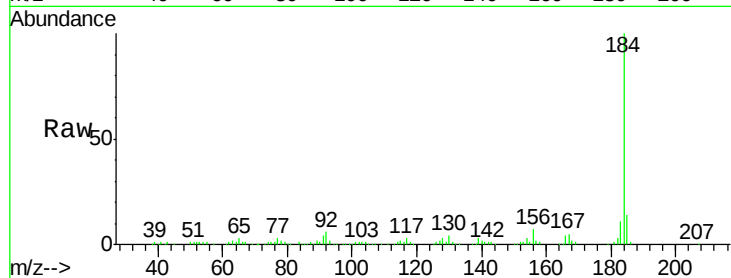




#77
Benzidine
Concen: 14.708 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

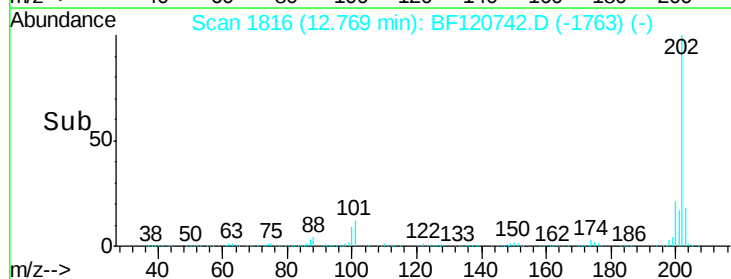
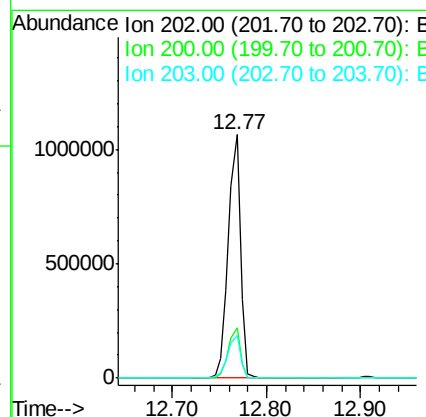
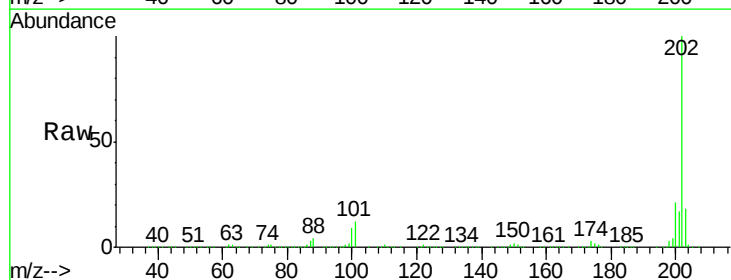
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

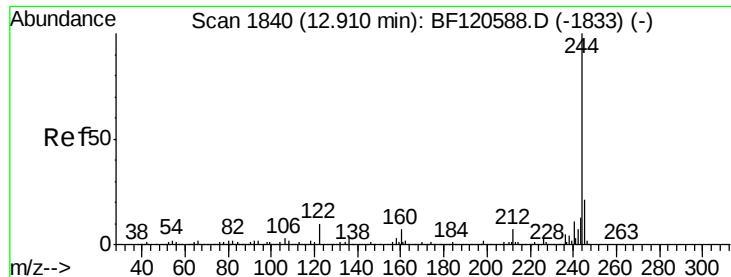
Tot Ion:184 Resp: 183342
Ion Ratio Lower Upper
184 100
185 14.0 11.9 17.9
183 11.1 8.6 12.8



#78
Pyrene
Concen: 37.494 ng
RT: 12.77 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:202 Resp: 979028
Ion Ratio Lower Upper
202 100
200 20.7 16.6 25.0
203 17.7 14.2 21.2

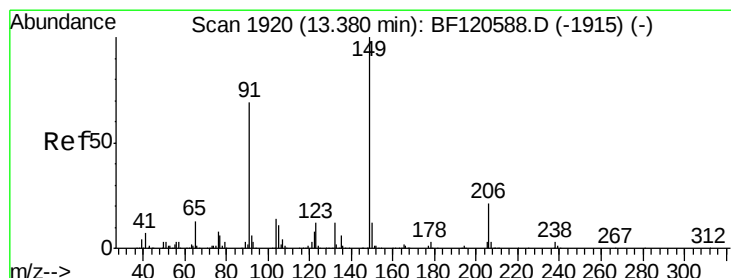
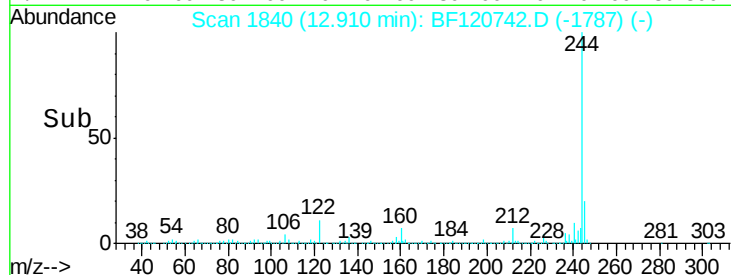
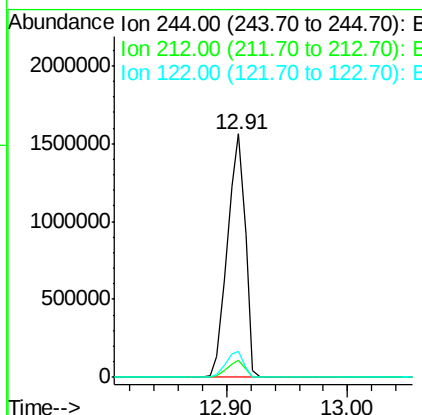
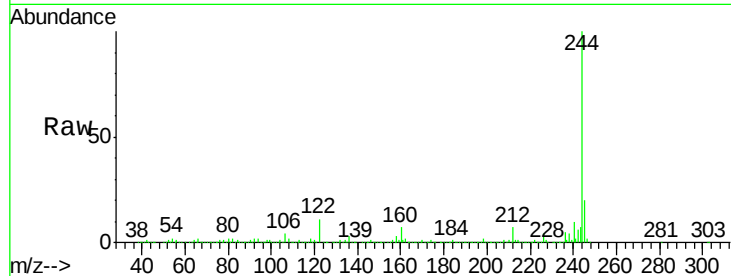




#79
 Terphenyl-d14
 Concen: 96.201 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

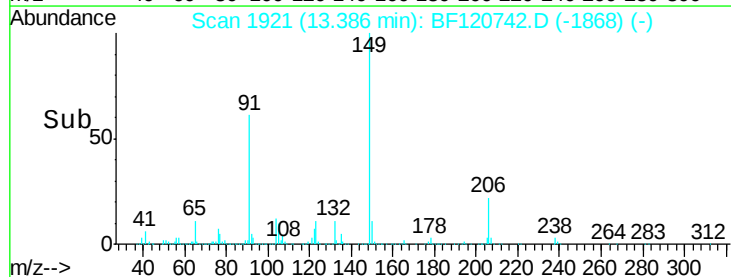
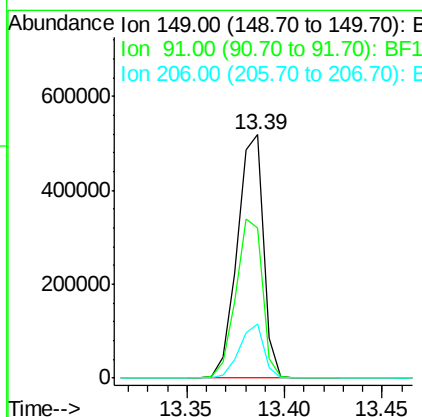
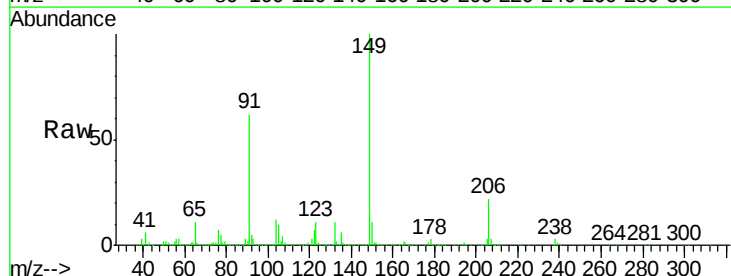
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

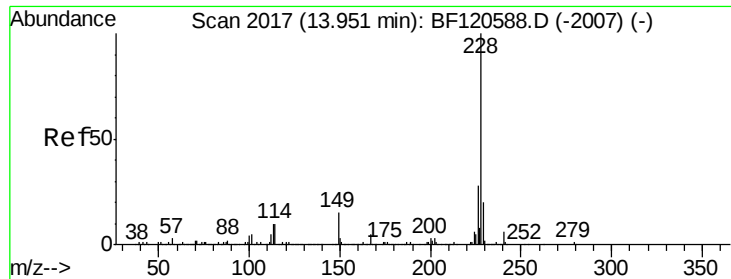
Tot Ion:244 Resp: 1605268
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.8 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 41.568 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:149 Resp: 481962
 Ion Ratio Lower Upper
 149 100
 91 61.5 50.0 75.0
 206 22.3 17.6 26.4

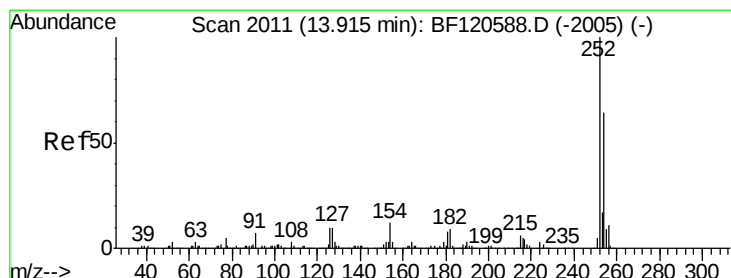
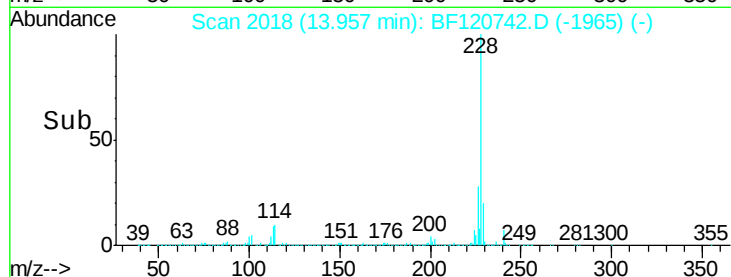
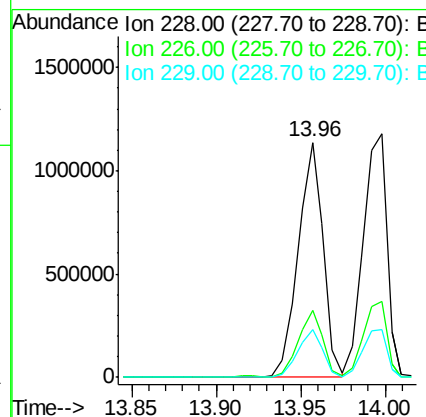
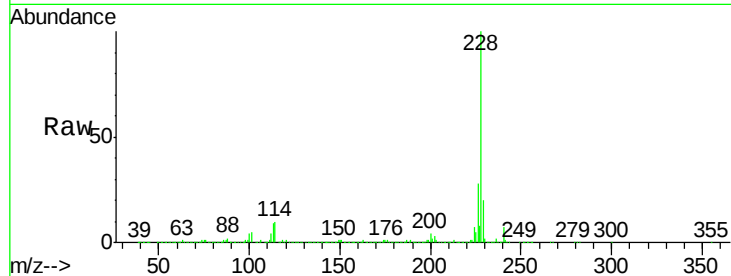




#81
Benzo(a)anthracene
Concen: 52.802 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

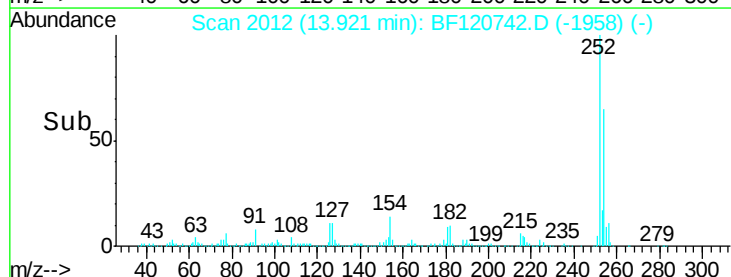
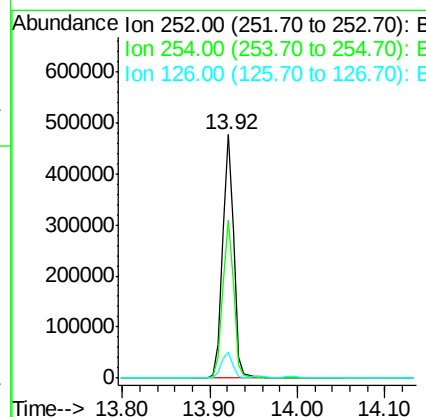
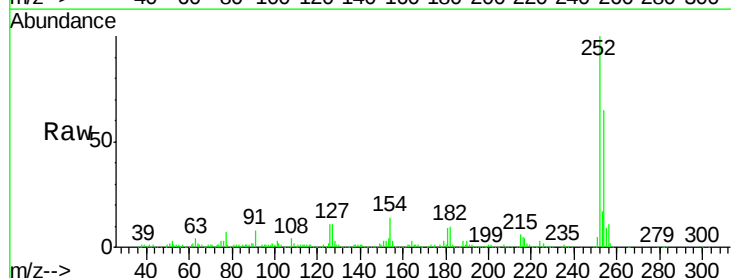
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

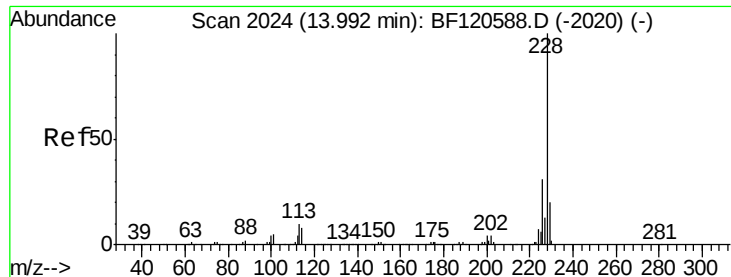
Tot Ion:228 Resp: 1169266
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 50.428 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:252 Resp: 426543
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 10.9 9.6 14.4





#83

Chrysene

Concen: 50.567 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

Tot Ion:228 Resp: 1148612

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.8	16.1	24.1

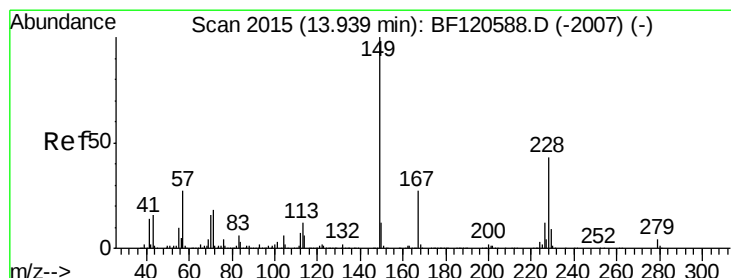
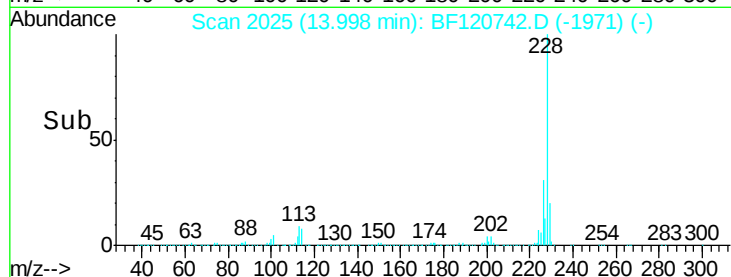
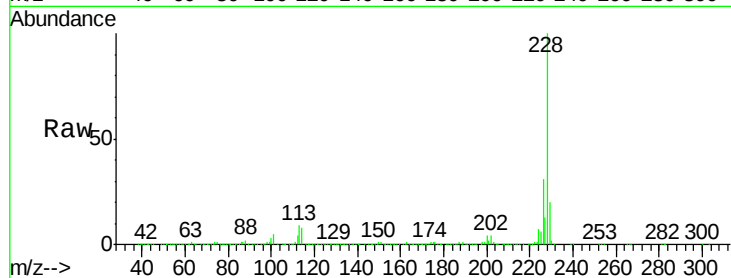
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.965 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Tgt Ion:149 Resp: 820212

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.9	32.9
279	3.9	3.6	5.4

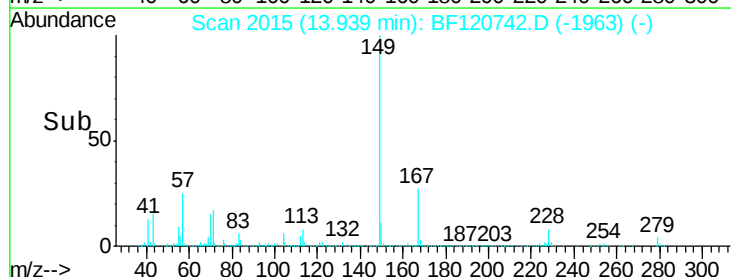
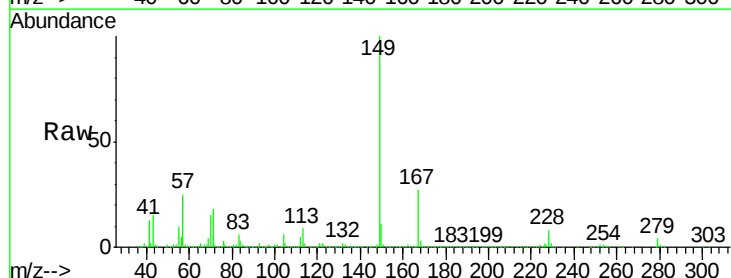
Abundance

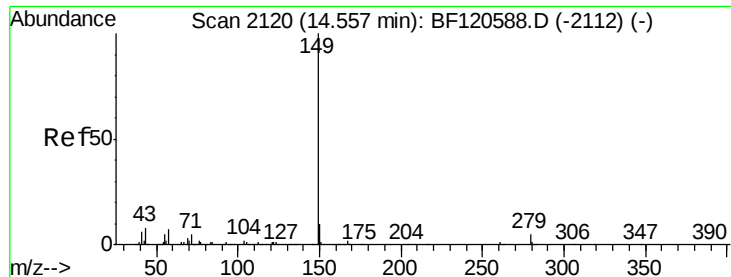
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#85

Di-n-octyl phthalate

Concen: 51.282 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.01 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MS

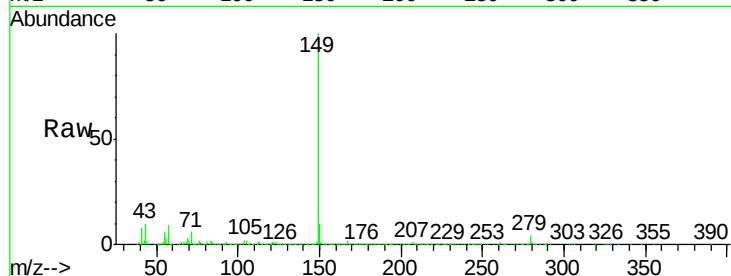
Tot Ion:149 Resp: 1384887

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	7.3	10.9

149 100

167 1.6 1.2 1.8

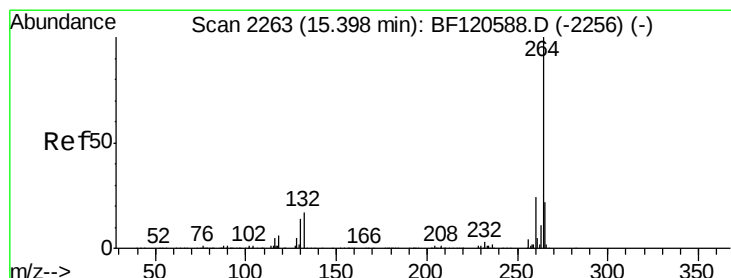
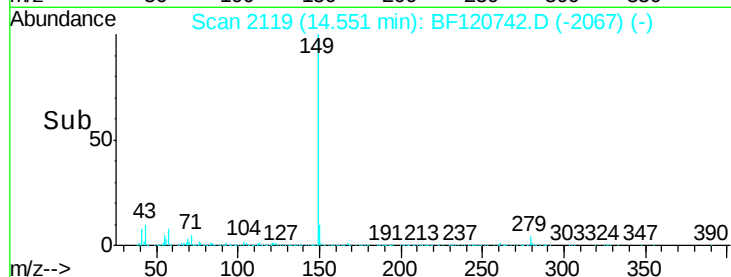
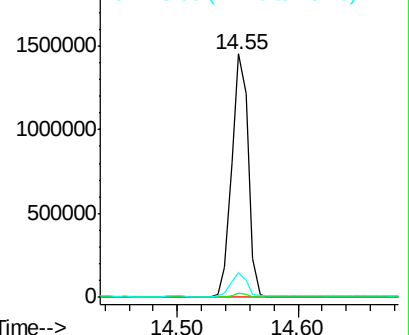
43 9.5 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

2000000 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: 15.41 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF120742.D

Acq: 29 Jun 2020 22:06

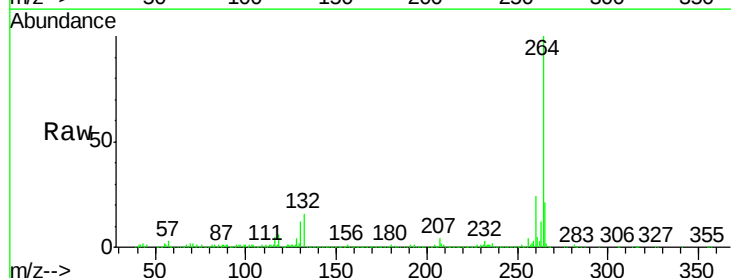
Tgt Ion:264 Resp: 417287

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.4	17.4	26.0

264 100

260 23.6 19.4 29.2

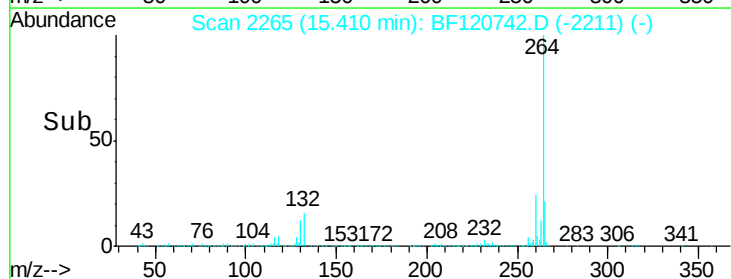
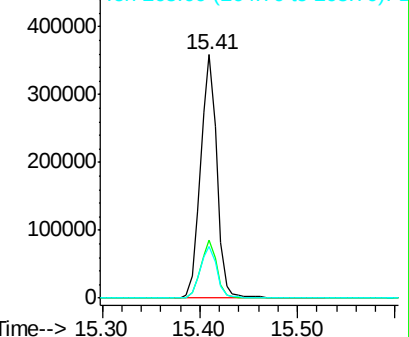
265 21.4 17.4 26.0

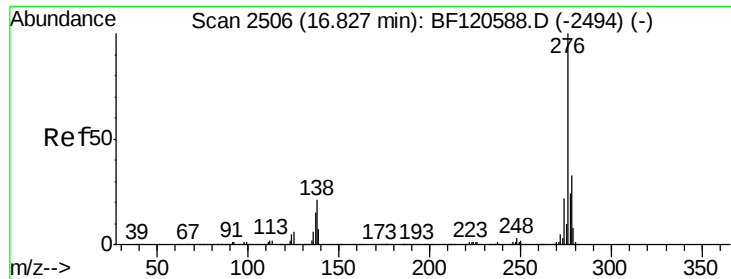


Abundance Ion 264.00 (263.70 to 264.70): E

500000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

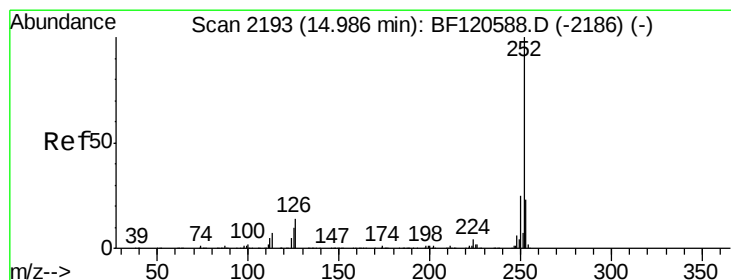
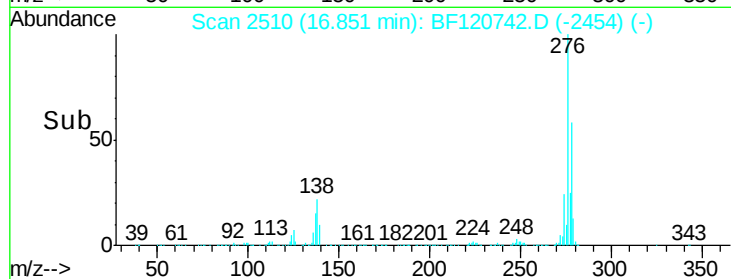
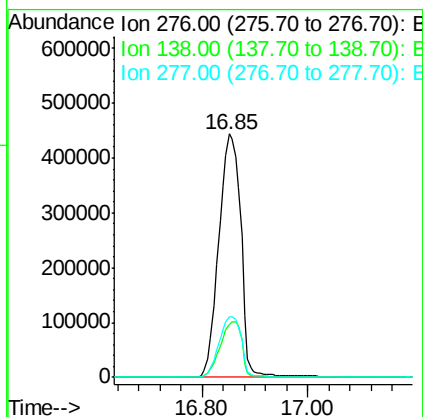
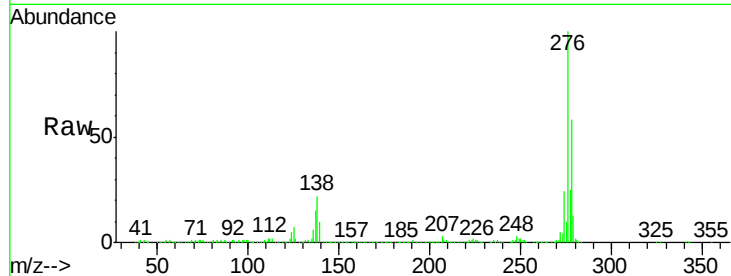




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.674 ng
 RT: 16.85 min Scan# 2510
 Delta R.T. 0.03 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

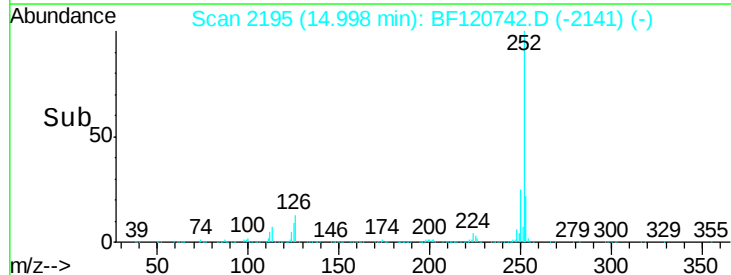
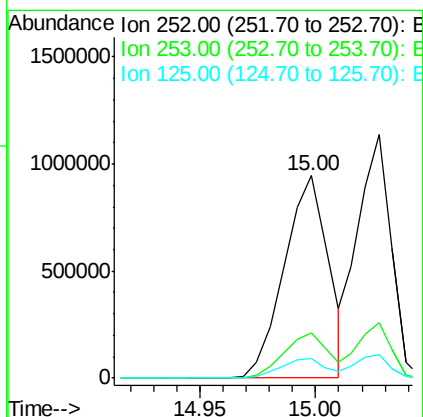
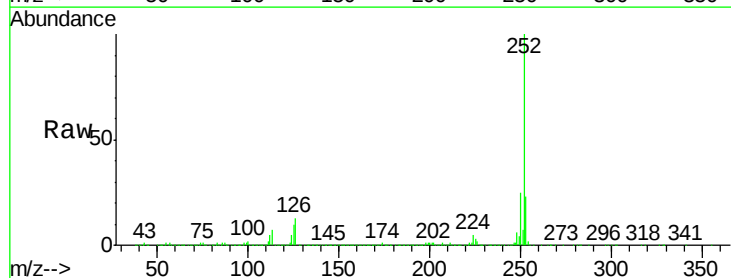
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MS

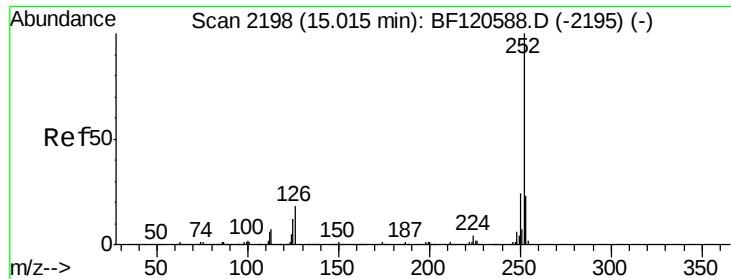
Tot Ion:276 Resp: 1286243
 Ion Ratio Lower Upper
 276 100
 138 22.5 18.4 27.6
 277 25.4 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 50.414 ng
 RT: 15.00 min Scan# 2195
 Delta R.T. 0.02 min
 Lab File: BF120742.D
 Acq: 29 Jun 2020 22:06

Tgt Ion:252 Resp: 1253137
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.1 27.1
 125 9.6 7.9 11.9

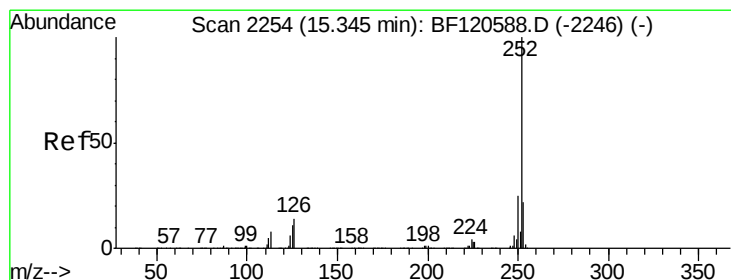
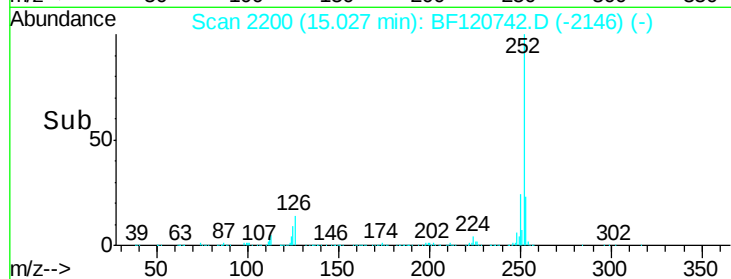
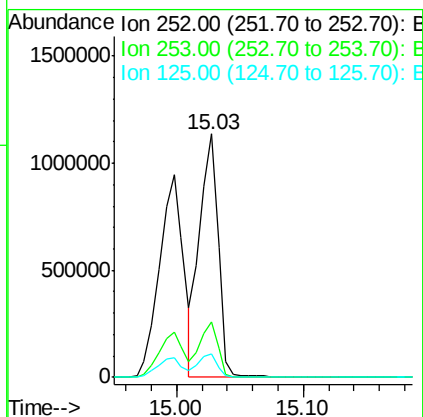
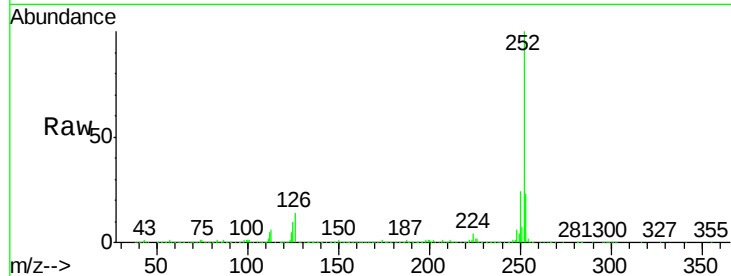




#89
Benzo(k)fluoranthene
Concen: 52.619 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

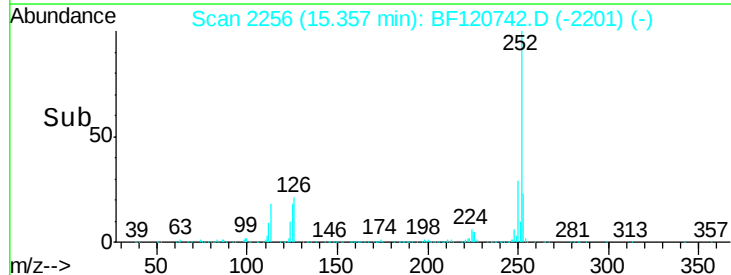
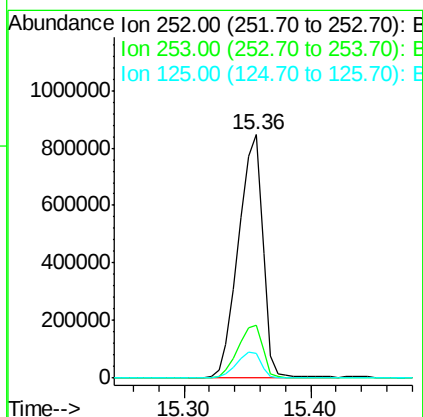
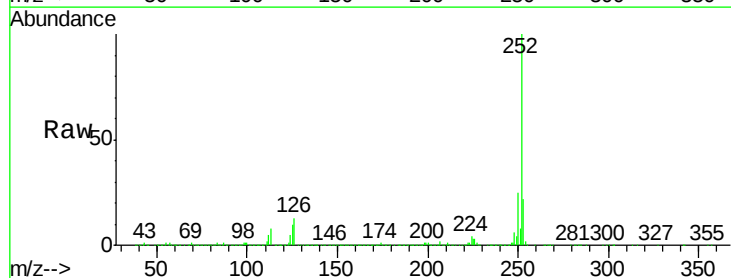
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

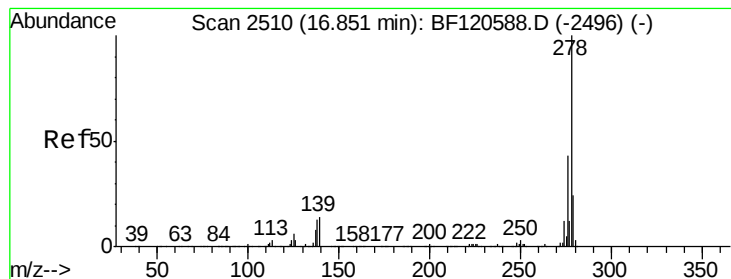
Tot Ion:252 Resp: 1157345
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 9.6 7.4 11.2



#90
Benzo(a)pyrene
Concen: 50.565 ng
RT: 15.36 min Scan# 2256
Delta R.T. 0.02 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:252 Resp: 1124863
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.2 9.0 13.6



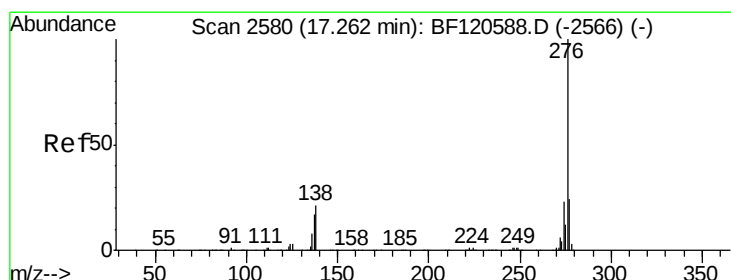
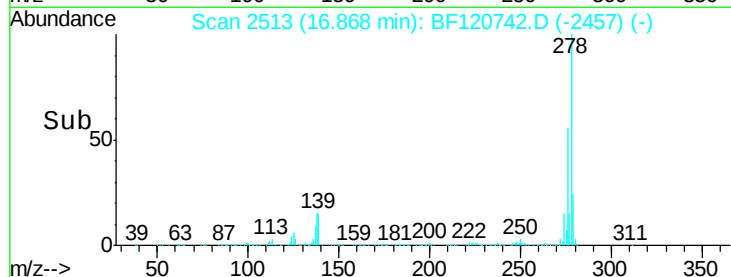
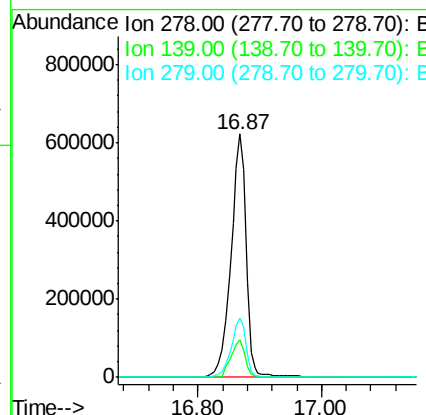
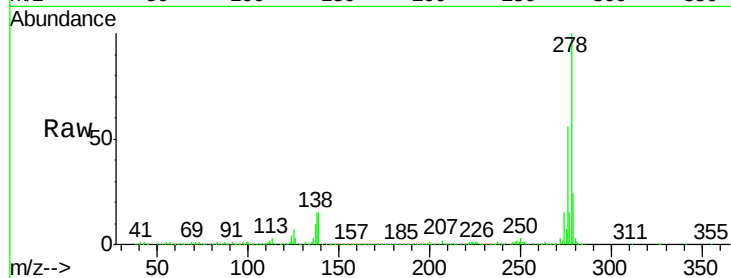


#91
Dibenzo(a,h)anthracene
Concen: 52.632 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.03 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MS

Tot Ion:278 Resp: 1071289

Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.9	17.9
279	24.3	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 48.887 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.04 min
Lab File: BF120742.D
Acq: 29 Jun 2020 22:06

Tgt Ion:276 Resp: 1002994

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	19.6	16.6	24.8

