

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
 Data File : BF120711.D
 Acq On : 26 Jun 2020 16:19
 Operator : JU/CG
 Sample : L2811-04MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Quant Time: Jun 26 17:08:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	145752	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	544122	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	144024	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	289183	20.00	ng	0.00
76) Chrysene-d12	13.96	240	407004	20.00	ng	0.00
86) Perylene-d12	15.40	264	449206	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	904684	106.42	ng	0.01
7) Phenol-d6	6.44	99	1171663	110.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	954236	98.03	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	258450	154.35	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1006746	106.95	ng	0.00
79) Terphenyl-d14	12.90	244	1205502	65.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	151463	37.591	ng	# 84
3) Pyridine	3.36	79	322933	28.510	ng	100
4) n-Nitrosodimethylamine	3.28	42	183812	39.103	ng	96
6) Aniline	6.46	93	343528	25.351	ng	# 57
8) 2-Chlorophenol	6.58	128	416161	43.319	ng	100
9) Benzaldehyde	6.35	77	86860	12.969	ng	100
10) Phenol	6.45	94	454066	40.193	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	406389	43.187	ng	98
12) 1,3-Dichlorobenzene	6.73	146	487604	47.743	ng	96
13) 1,4-Dichlorobenzene	6.81	146	516928	51.299	ng	99
14) 1,2-Dichlorobenzene	6.97	146	472067	48.092	ng	99
15) Benzyl Alcohol	6.94	79	375146	49.960	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	644355	47.557	ng	96
17) 2-Methylphenol	7.06	107	383868	46.849	ng	98
18) Hexachloroethane	7.30	117	191093	51.465	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	312063	50.808	ng	97
20) 3+4-Methylphenols	7.21	107	433010	42.291	ng	92
22) Acetophenone	7.20	105	619266	50.906	ng	# 96
24) Nitrobenzene	7.38	77	498165	48.903	ng	98
25) Isophorone	7.62	82	898712	47.395	ng	99
26) 2-Nitrophenol	7.69	139	271636	50.404	ng	98
27) 2,4-Dimethylphenol	7.73	122	399774	50.381	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	571652	52.007	ng	99
29) 2,4-Dichlorophenol	7.94	162	407971	50.580	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	441007	49.337	ng	99
31) Naphthalene	8.10	128	1335770	49.995	ng	99
32) Benzoic acid	7.86	122	131276	21.563	ng	97
33) 4-Chloroaniline	8.15	127	278609	22.719	ng	99
34) Hexachlorobutadiene	8.22	225	232096	44.545	ng	99
35) Caprolactam	8.53	113	57107	22.137	ng	96
36) 4-Chloro-3-methylphenol	8.64	107	231201	28.691	ng	97
37) 2-Methylnaphthalene	8.79	142	489203	28.048	ng	99
38) 1-Methylnaphthalene	8.89	142	463464	28.239	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	234524	54.535	ng	99

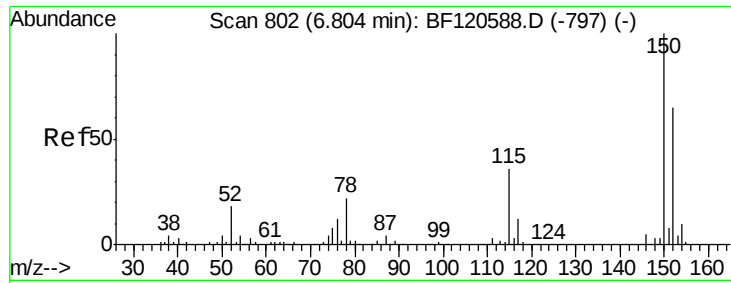
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062620\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	219097	90.917	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	159482	52.280	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	170365	49.225	nq	95
46) 1,1'-Biphenyl	9.26	154	598269	55.630	nq	98
47) 2-Chloronaphthalene	9.28	162	465196	52.898	nq	98
48) 2-Nitroaniline	9.38	65	137970	49.953	nq	97
49) Acenaphthylene	9.70	152	721541	53.163	nq	98
50) Dimethylphthalate	9.56	163	553633	53.374	nq	99
51) 2,6-Dinitrotoluene	9.62	165	123882	52.699	nq	99
52) Acenaphthene	9.87	154	431693	53.331	nq	100
53) 3-Nitroaniline	9.79	138	83785	29.675	nq	92
54) 2,4-Dinitrophenol	9.90	184	80858	59.451	nq	95
55) Dibenzofuran	10.04	168	651676	52.506	nq	96
56) 4-Nitrophenol	9.97	139	158446	74.511	nq	94
57) 2,4-Dinitrotoluene	10.03	165	161751	51.855	nq	# 88
58) Fluorene	10.38	166	519744	54.321	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	142674	52.399	nq	97
60) Diethylphthalate	10.26	149	554867	54.314	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	255313	51.672	nq	98
62) 4-Nitroaniline	10.41	138	125175	44.657	nq	97
63) Azobenzene	10.53	77	489635	52.800	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	74082	42.693	nq	93
66) n-Nitrosodiphenylamine	10.49	169	469784	52.900	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	167928	51.167	nq	95
68) Hexachlorobenzene	10.93	284	185757	52.642	nq	97
69) Atrazine	11.02	200	138218	50.296	nq	97
70) Pentachlorophenol	11.13	266	184622	94.109	nq	99
71) Phenanthrene	11.34	178	775101	53.919	nq	99
72) Anthracene	11.40	178	799903	55.204	nq	99
73) Carbazole	11.55	167	734606	51.215	nq	100
74) Di-n-butylphthalate	11.88	149	877278	54.403	nq	99
75) Fluoranthene	12.53	202	859929	52.321	nq	97
77) Benzidine	12.65	184	229104	16.644	nq	99
78) Pyrene	12.76	202	873484	30.295	nq	99
80) Butylbenzylphthalate	13.38	149	614458	47.994	nq	97
81) Benzo(a)anthracene	13.95	228	1212946	49.604	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	342764	36.698	nq	100
83) Chrysene	13.99	228	1225152	48.846	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	820490	52.511	nq	99
85) Di-n-octyl phthalate	14.55	149	1656997	55.567	nq	99
87) Indeno(1,2,3-cd)pyrene	16.84	276	1869522	68.420	nq	100
88) Benzo(b)fluoranthene	14.99	252	1518259	56.740	nq	98
89) Benzo(k)fluoranthene	15.02	252	1209311	51.074	nq	99
90) Benzo(a)pyrene	15.34	252	1222102	51.032	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1482750	67.670	nq	99
92) Benzo(g,h,i)perylene	17.28	276	1572471	71.198	nq	99

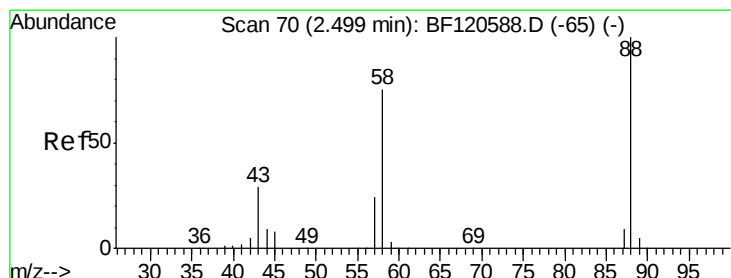
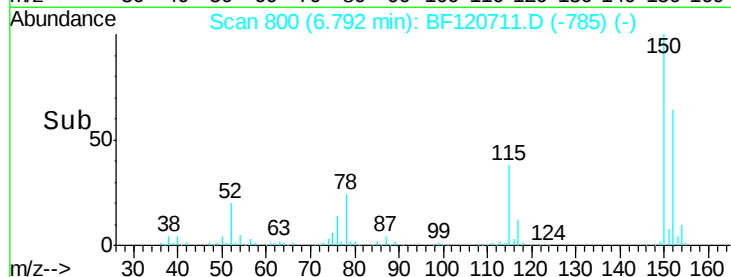
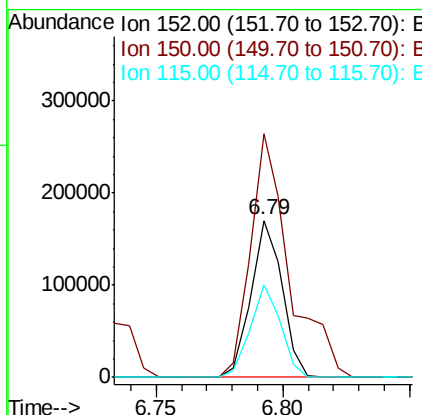
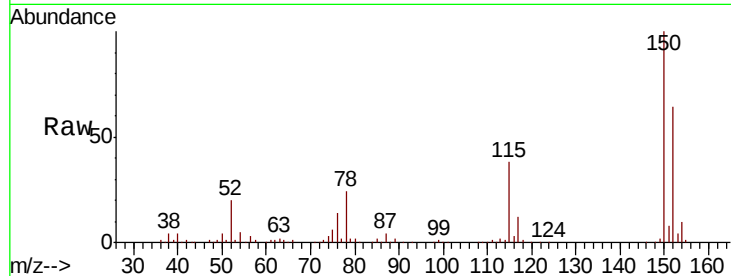
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

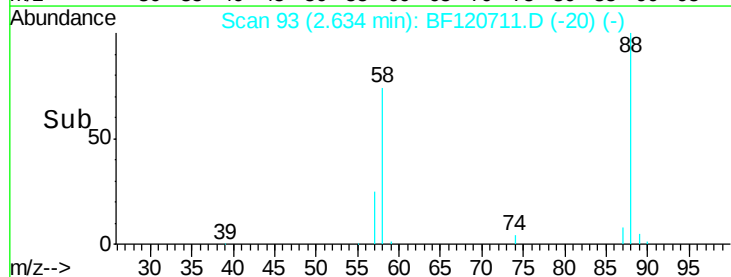
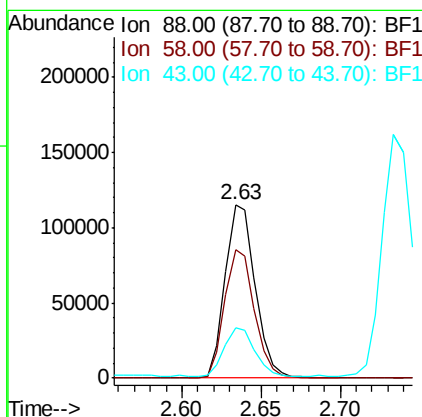
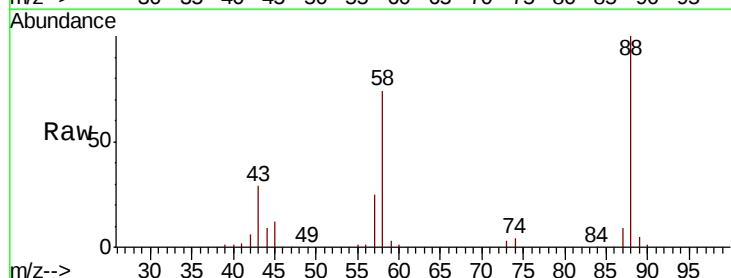
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

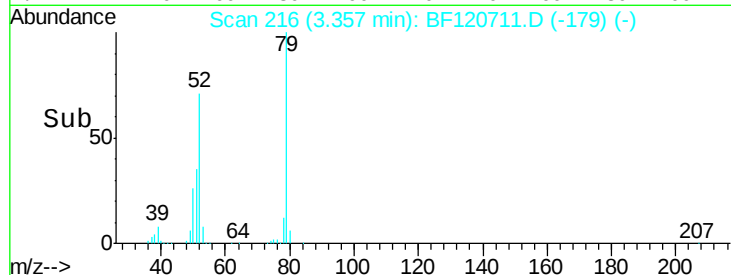
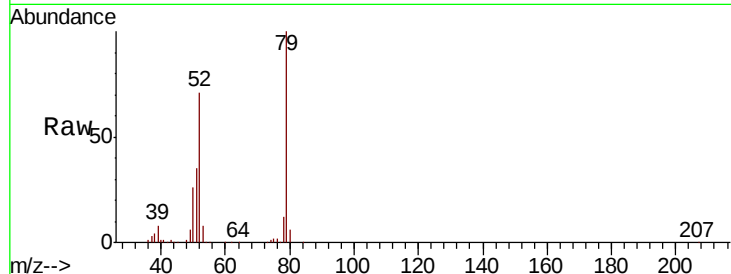
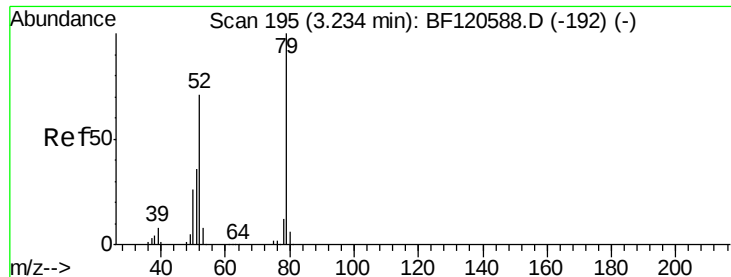
Tot Ion:152 Resp: 145752
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.2 184.8
 115 59.1 43.9 65.9



#2
 1,4-Dioxane
 Concen: 37.591 ng
 RT: 2.63 min Scan# 93
 Delta R.T. 0.13 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion: 88 Resp: 151463
 Ion Ratio Lower Upper
 88 100
 58 73.7 59.6 89.4
 43 0.0 23.1 34.7#

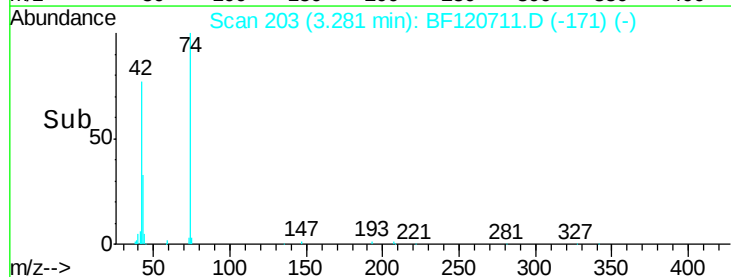
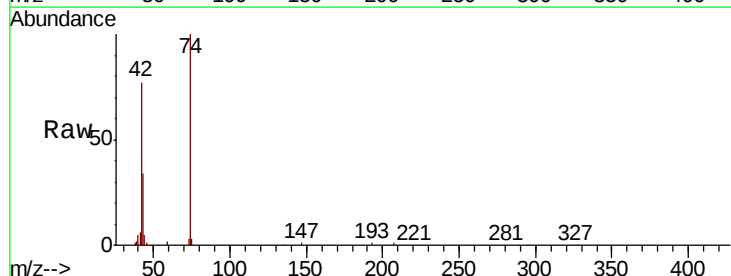
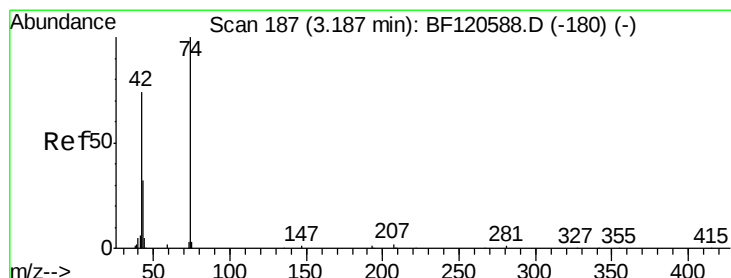
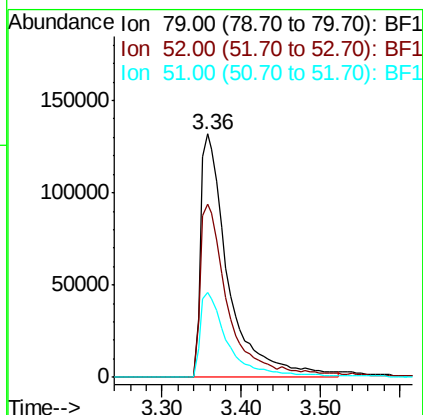




#3
 Pvridine
 Concen: 28.510 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.12 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

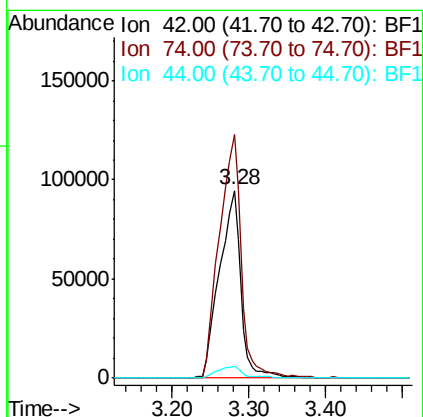
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

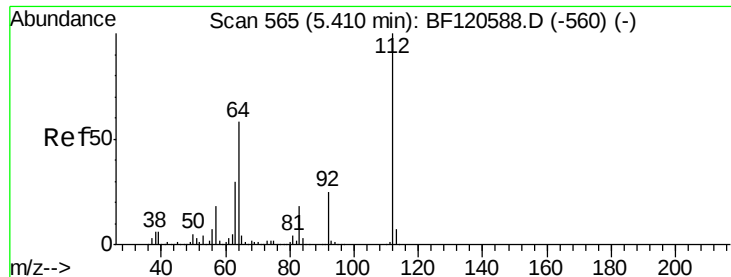
Tot Ion	Ratio	Lower	Upper
79	100		
52	71.3	57.0	85.6
51	35.0	28.5	42.7



#4
 n-Nitrosodimethylamine
 Concen: 39.103 ng
 RT: 3.28 min Scan# 203
 Delta R.T. 0.09 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.7	107.8	161.6
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 106.416 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

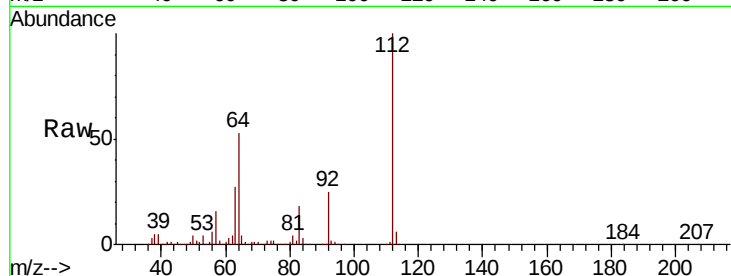
Tot Ion:112 Resp: 904684

Ion Ratio Lower Upper

112 100

64 52.8 46.1 69.1

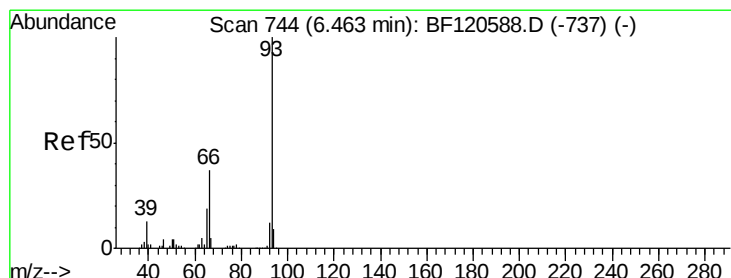
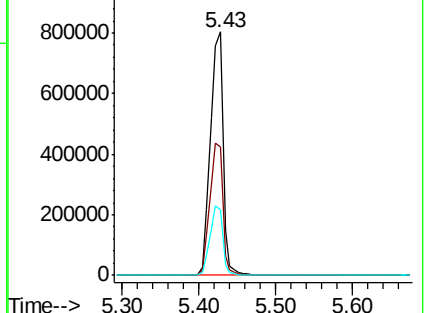
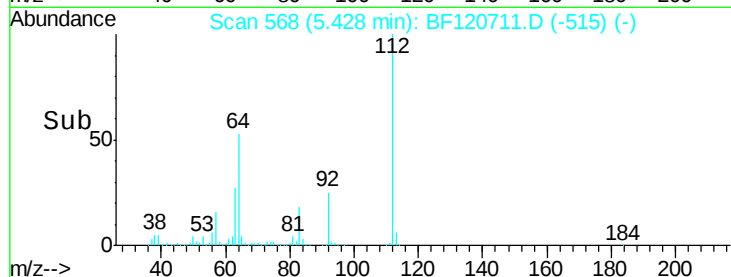
63 27.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.351 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

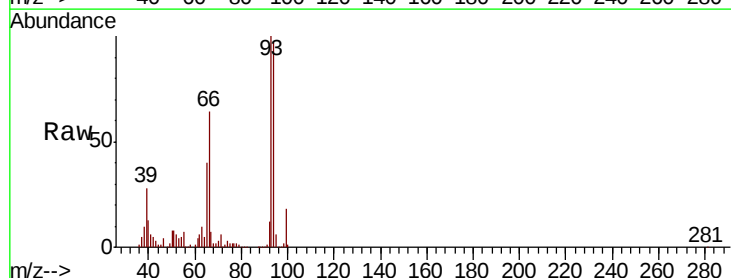
Tgt Ion: 93 Resp: 343528

Ion Ratio Lower Upper

93 100

66 64.0 30.9 46.3#

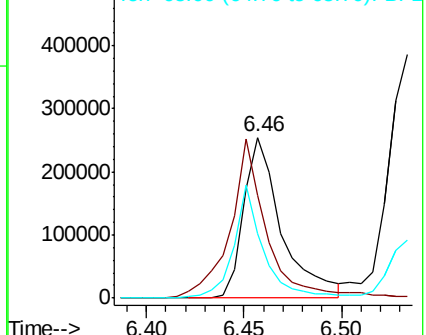
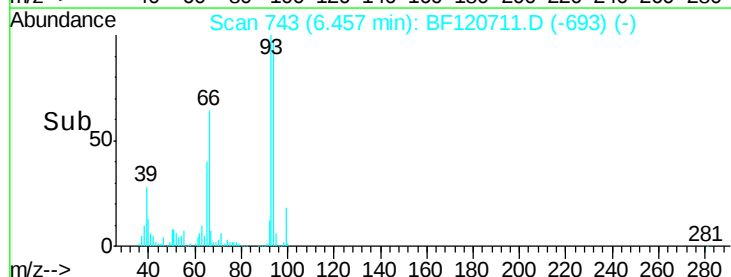
65 40.4 15.9 23.9#

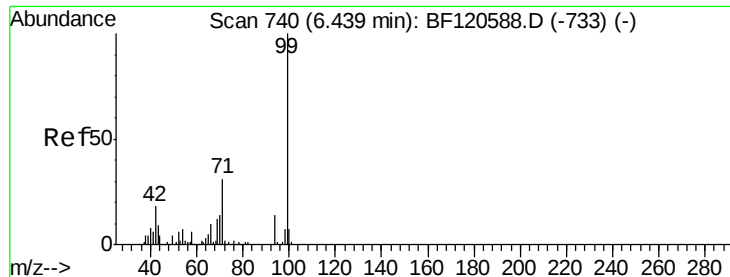


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.655 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

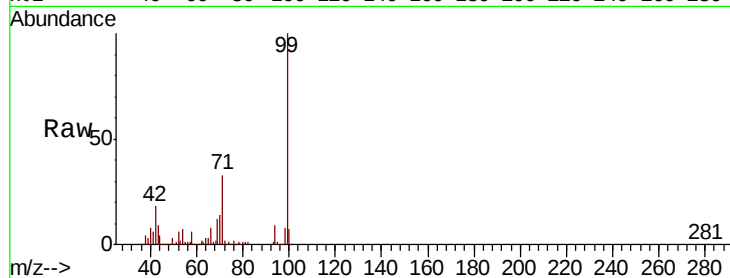
BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion: 99 Resp: 1171663

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.0	21.0
71	32.6	24.9	37.3

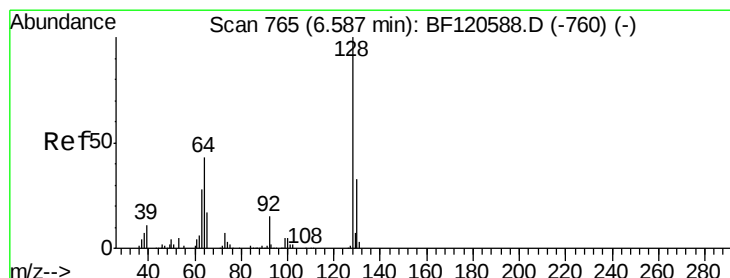
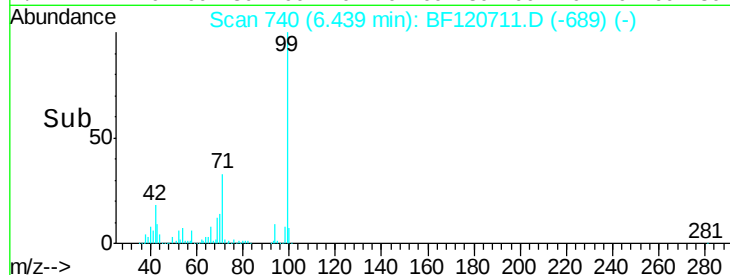
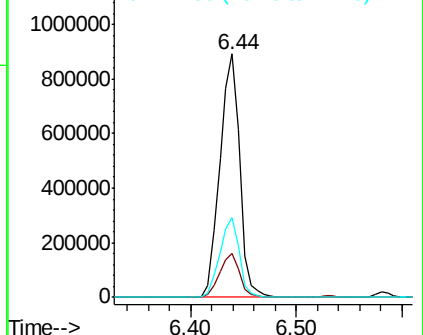


Abundance

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: 43.319 ng

RT: 6.58 min Scan# 764

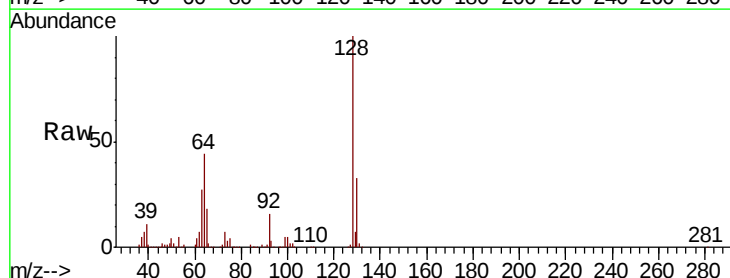
Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion: 128 Resp: 416161

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.6	52.6
64	44.3	24.3	64.3

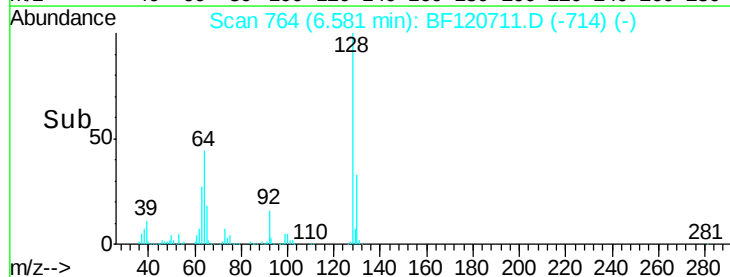
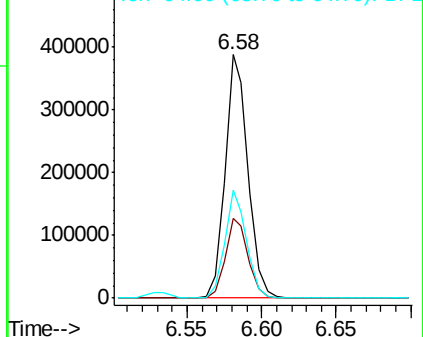


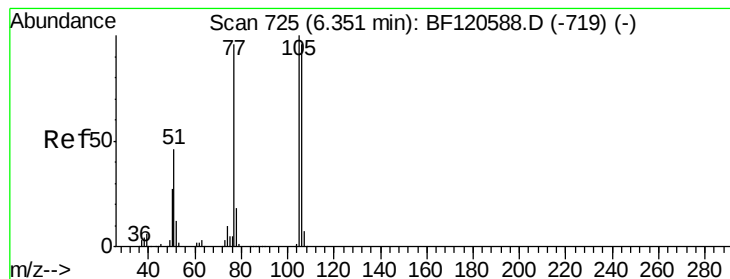
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 12.969 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

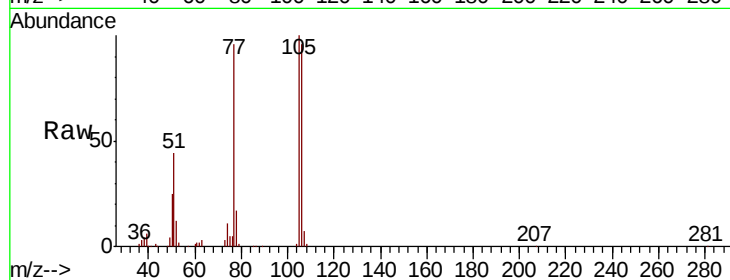
Tot Ion: 77 Resp: 86860

Ion Ratio Lower Upper

77 100

105 103.8 83.8 123.8

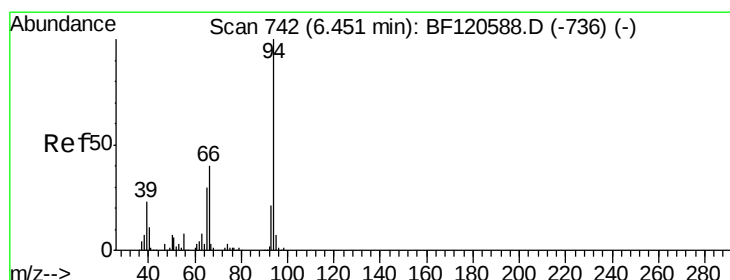
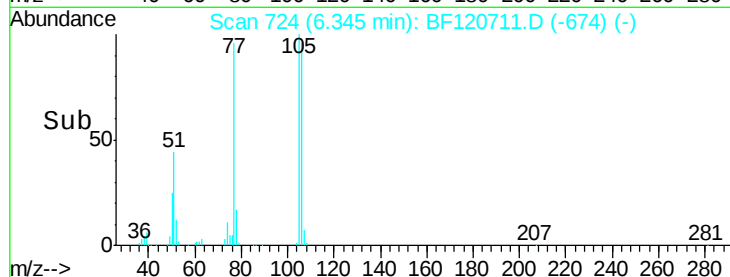
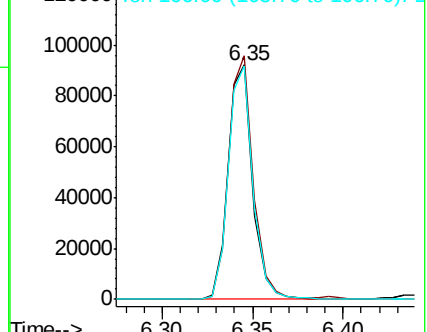
106 99.4 79.3 119.3



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: 40.193 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

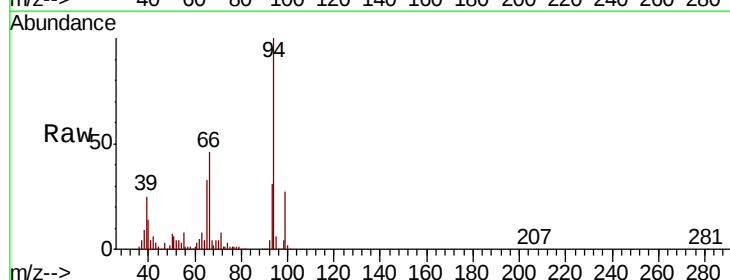
Tgt Ion: 94 Resp: 454066

Ion Ratio Lower Upper

94 100

65 32.6 9.9 49.9

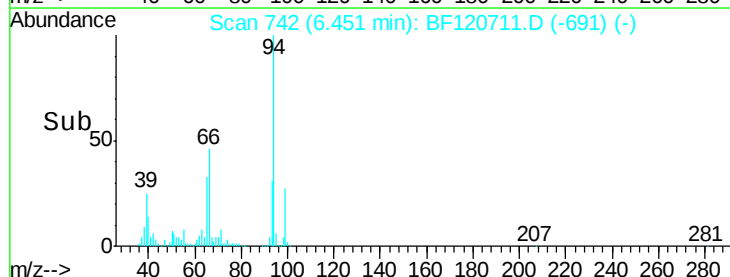
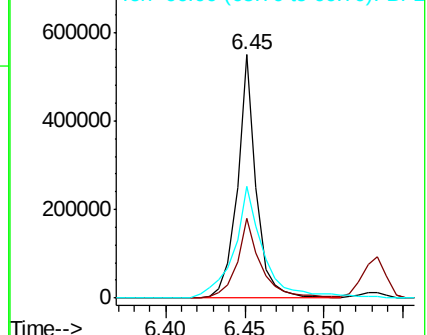
66 45.7 20.1 60.1

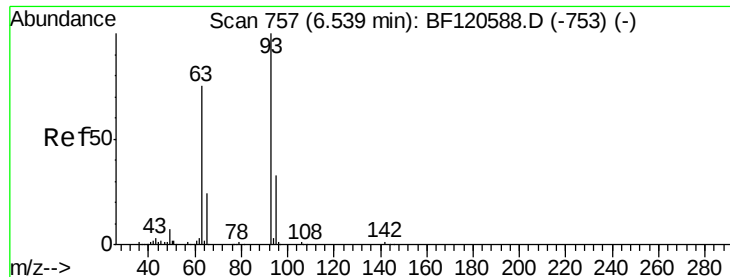


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

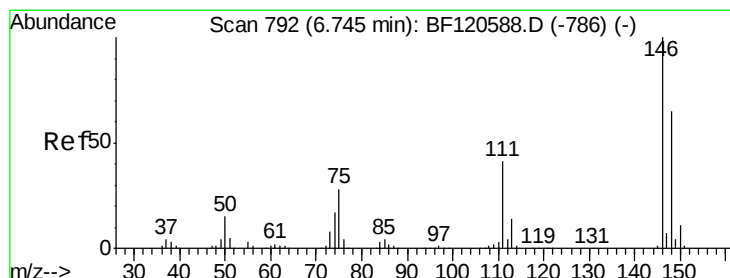
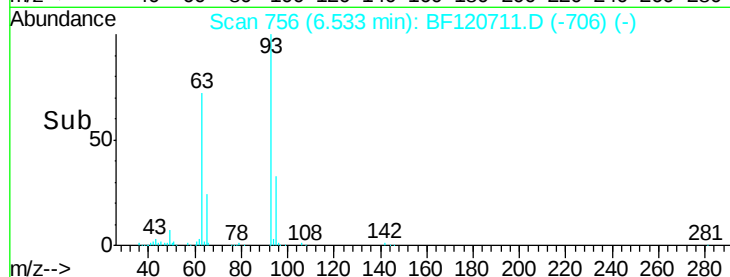
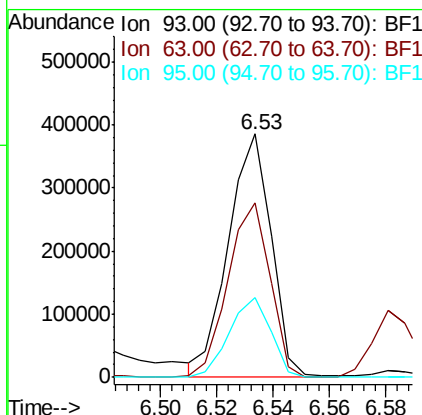
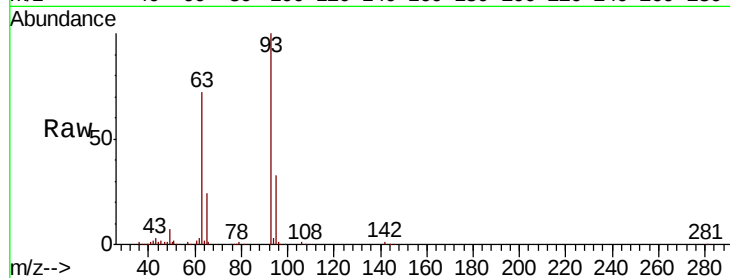




#11
bis(2-Chloroethyl)ether
Concen: 43.187 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

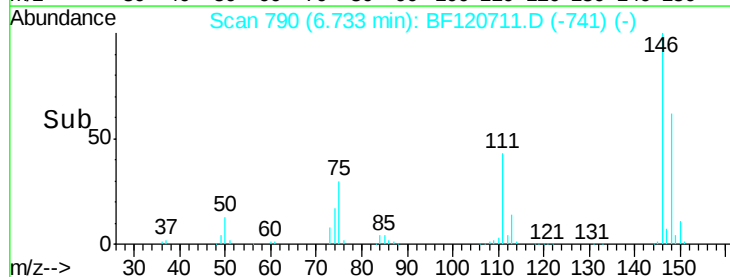
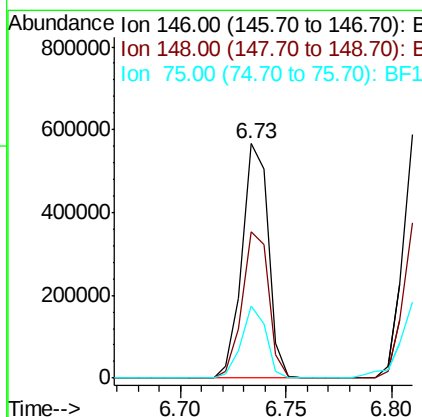
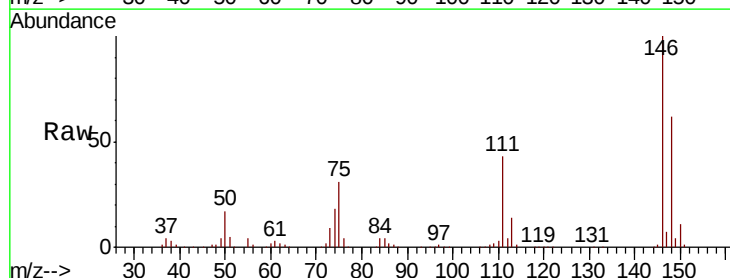
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

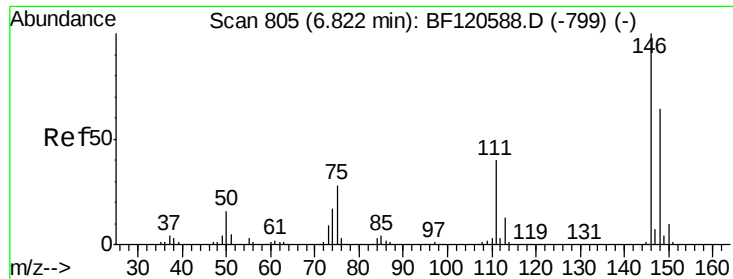
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.7	54.4	94.4
95	32.6	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 47.743 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.6
75	31.0	22.2	33.4

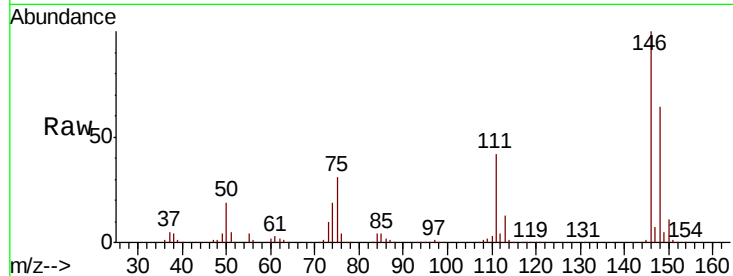




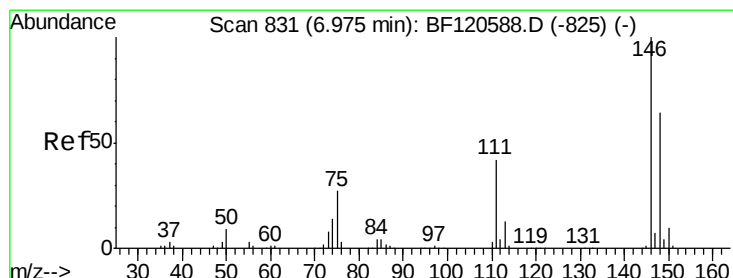
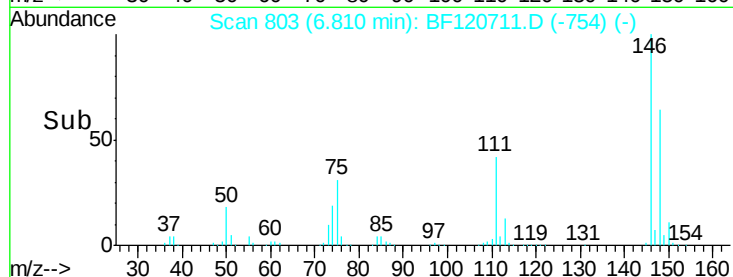
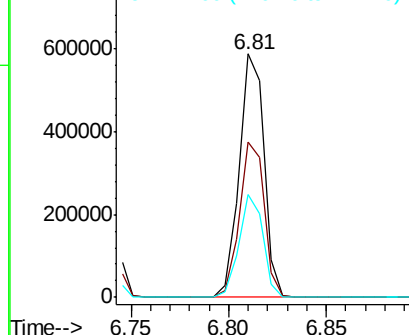
#13
 1,4-Dichlorobenzene
 Concen: 51.299 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion:146 Resp: 516928
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.5 77.3
 111 42.0 32.2 48.4

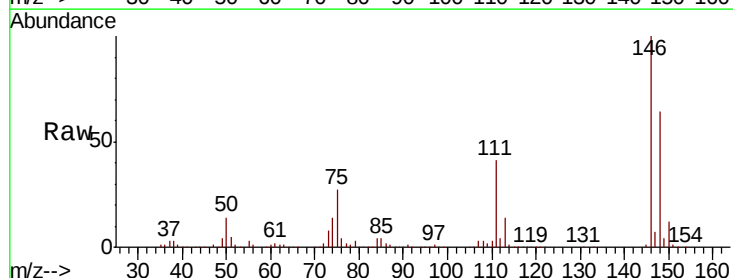


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

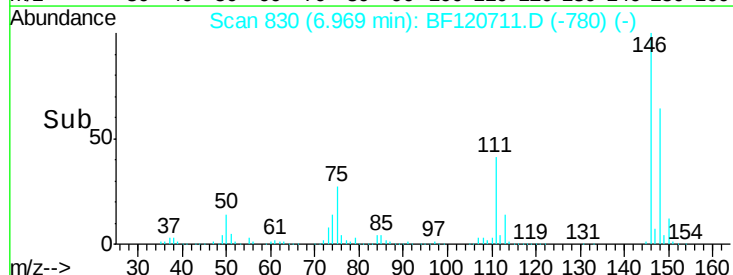
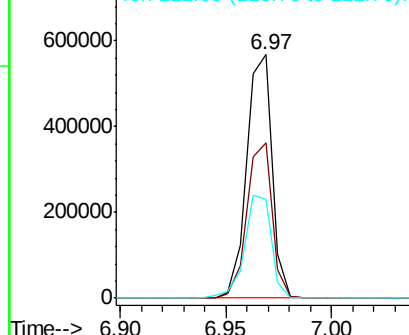


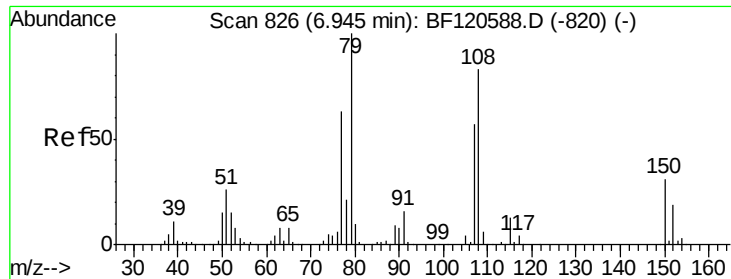
#14
 1,2-Dichlorobenzene
 Concen: 48.092 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion:146 Resp: 472067
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 40.5 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

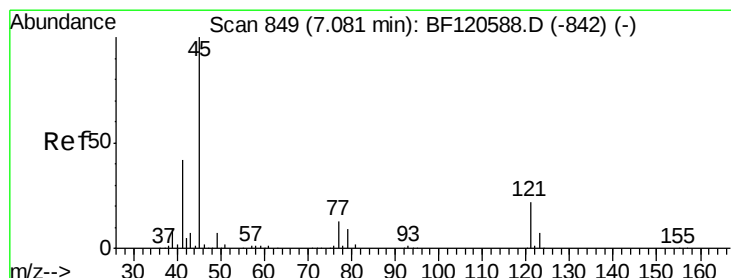
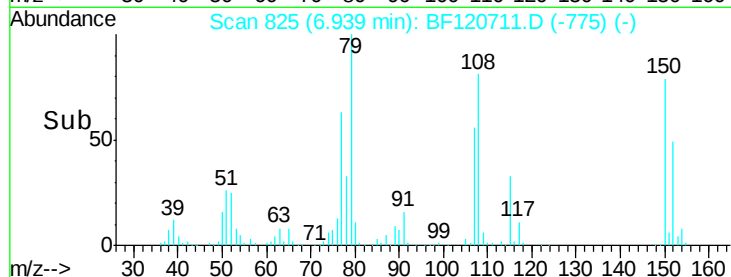
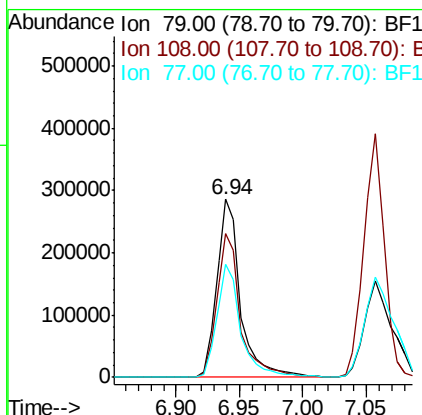
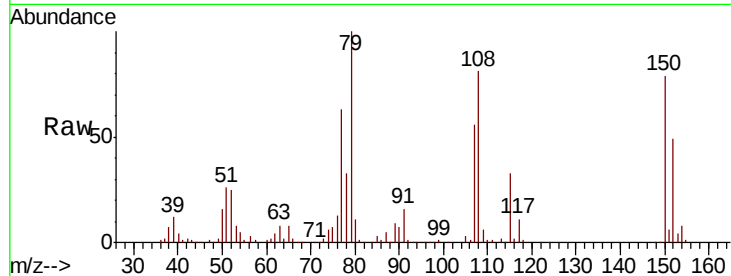




#15
Benzyl Alcohol
Concen: 49.960 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

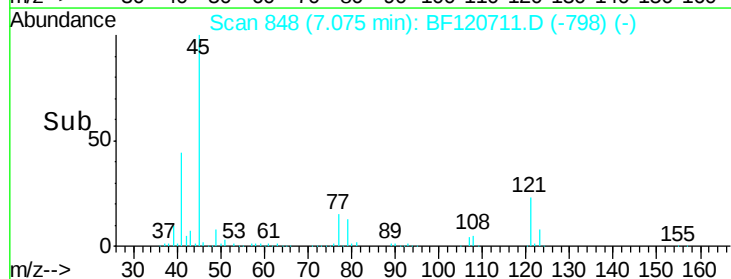
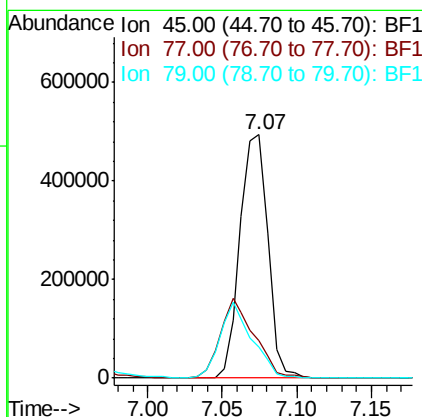
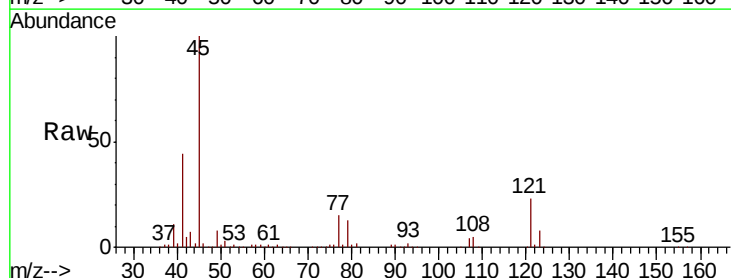
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

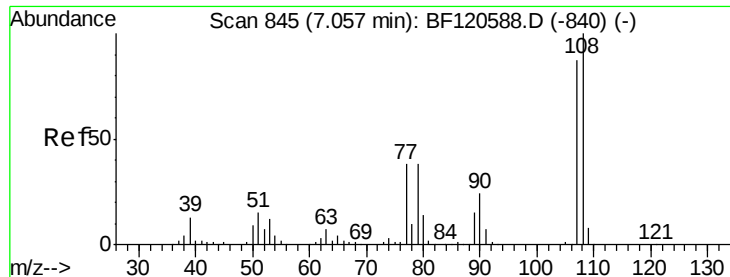
Tot Ion: 79 Resp: 375146
Ion Ratio Lower Upper
79 100
108 81.1 66.8 100.2
77 63.5 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.557 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion: 45 Resp: 644355
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.2
79 13.0 0.0 30.9





#17

2-Methylphenol

Concen: 46.849 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion:107 Resp: 383868

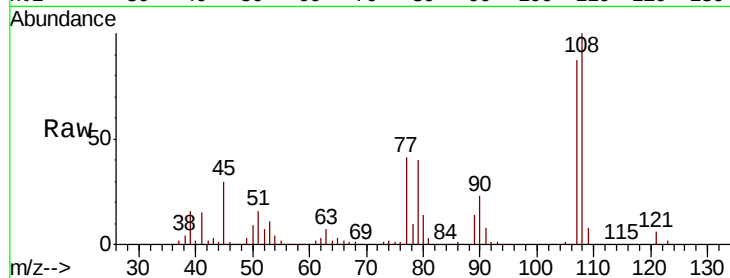
Ion Ratio Lower Upper

107 100

108 114.3 91.9 137.9

77 47.1 35.4 53.2

79 45.4 34.8 52.2

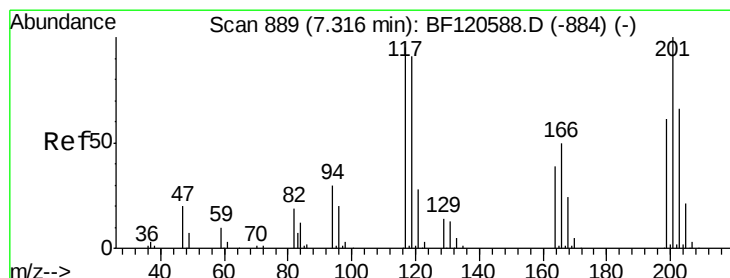
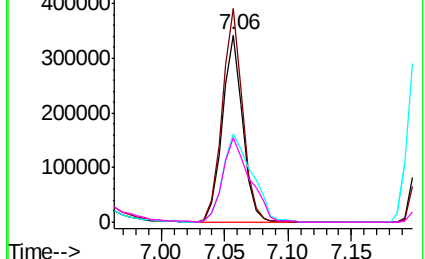
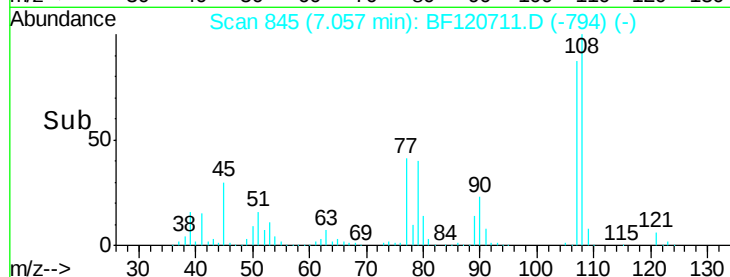


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 51.465 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

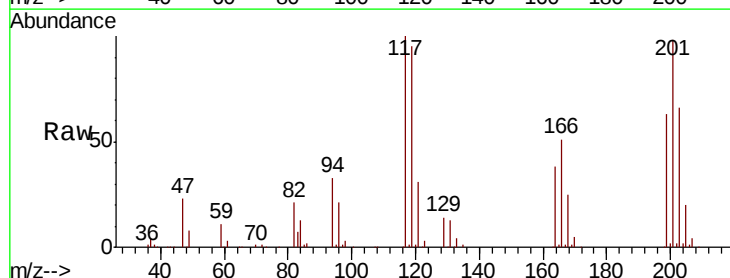
Tgt Ion:117 Resp: 191093

Ion Ratio Lower Upper

117 100

119 95.4 76.9 115.3

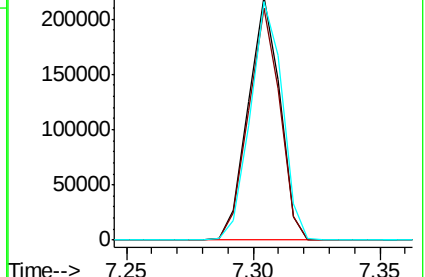
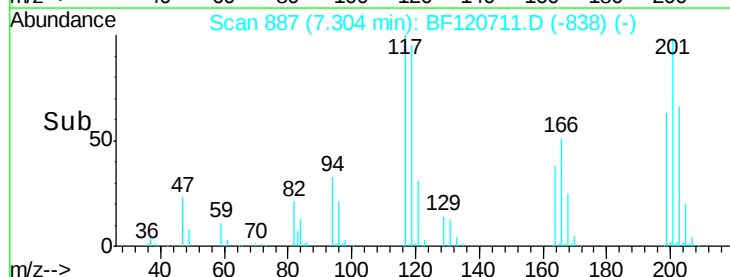
201 97.8 84.6 127.0

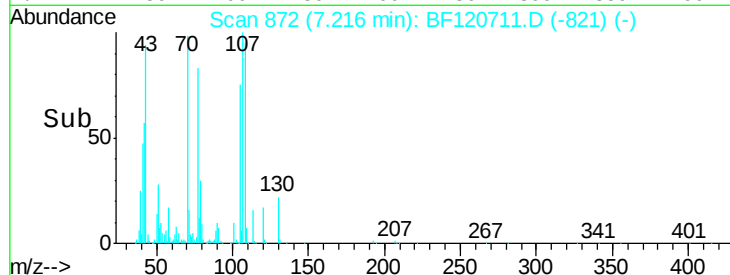
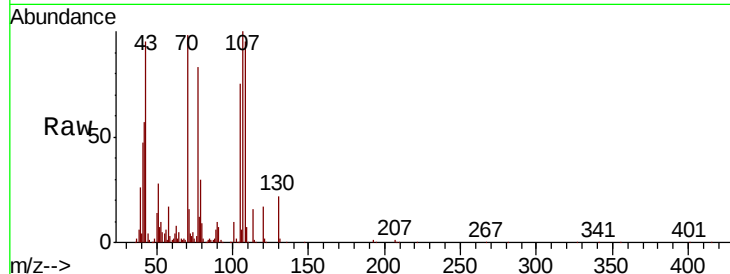
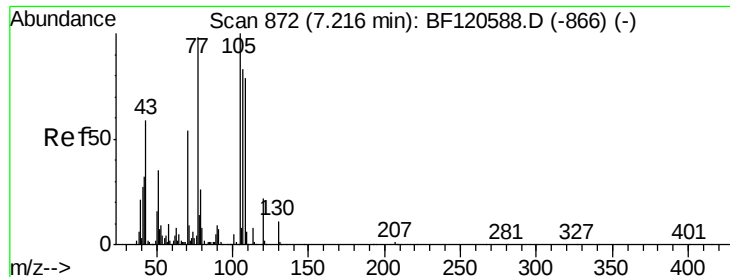


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

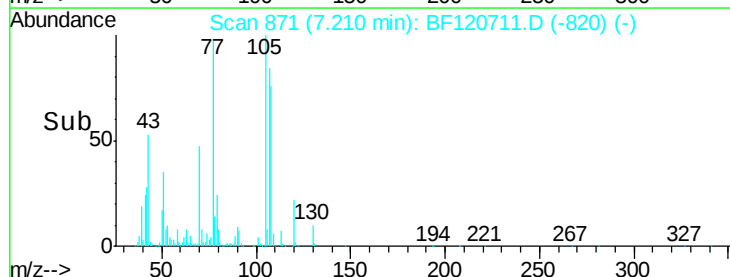
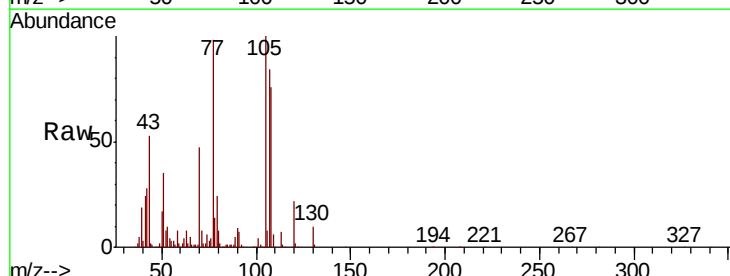
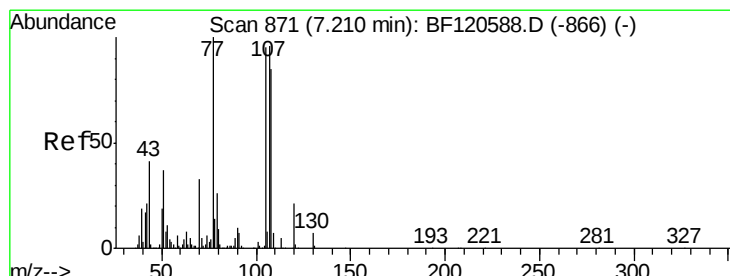
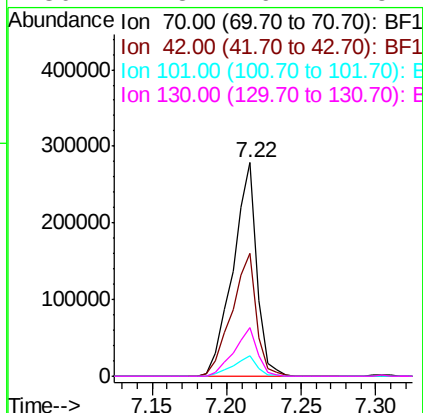




#19
n-Nitroso-di-n-propylamine
Concen: 50.808 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

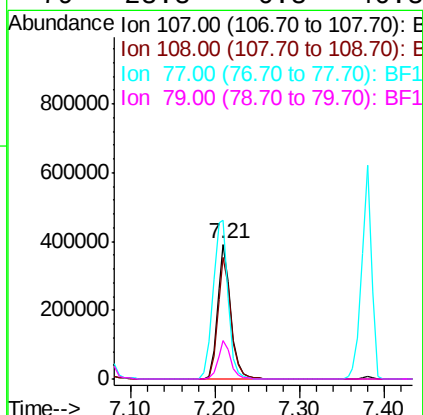
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

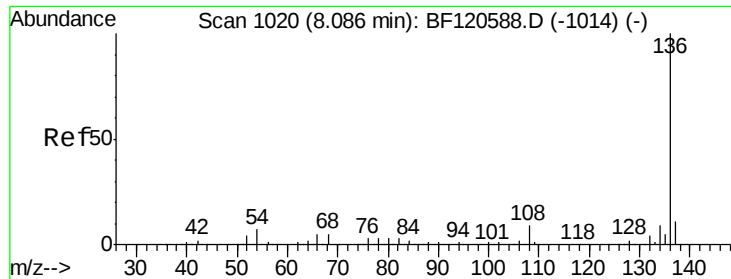
Tot Ion:	70	Resp:	312063
Ion	Ratio	Lower	Upper
70	100		
42	57.7	47.7	71.5
101	9.7	7.6	11.4
130	22.8	16.7	25.1



#20
3+4-Methylphenols
Concen: 42.291 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:	107	Resp:	433010
Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.7	108.7
77	117.7	84.2	124.2
79	28.8	6.8	46.8

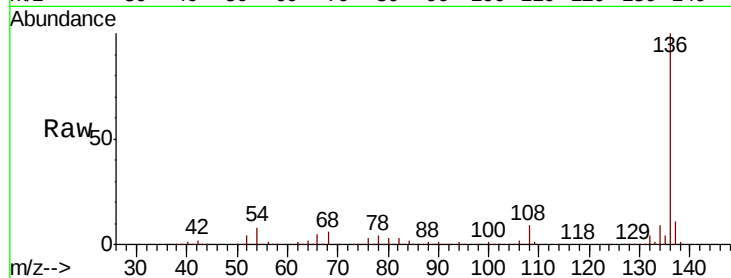




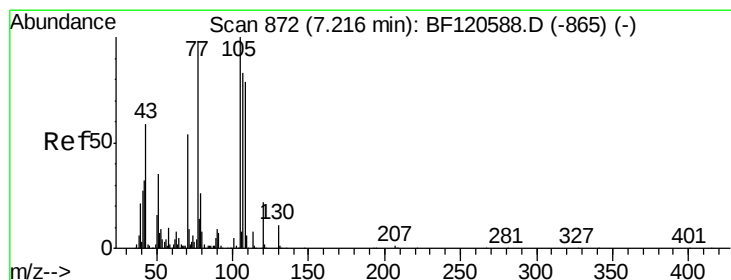
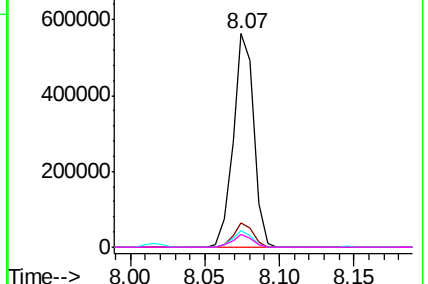
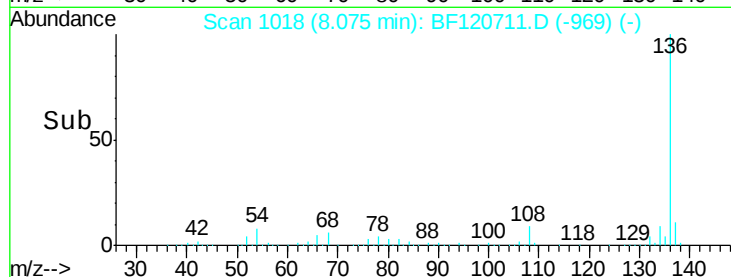
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:136	Resp:	544122
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.6 13.0
54	7.6	5.8 8.6
68	5.8	4.4 6.6

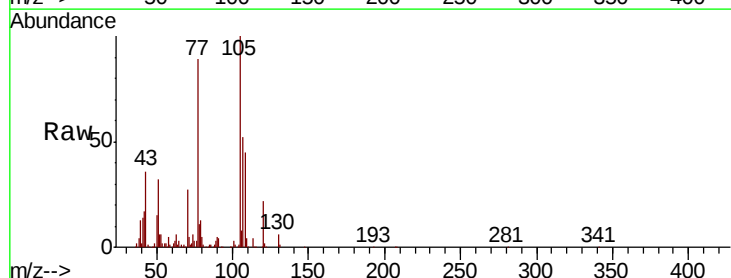


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

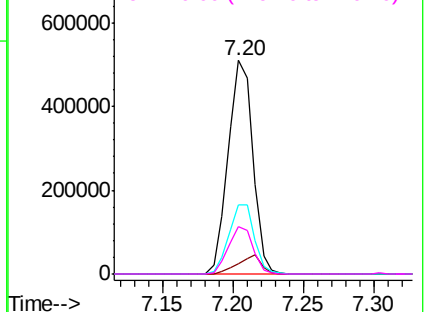
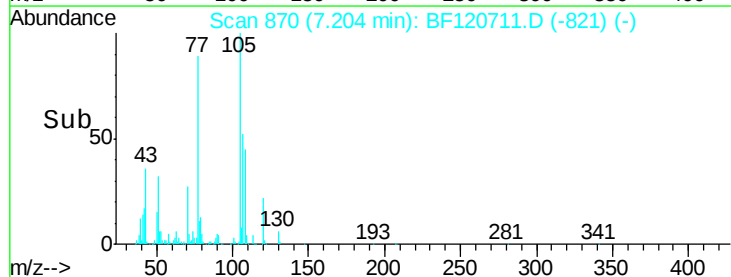


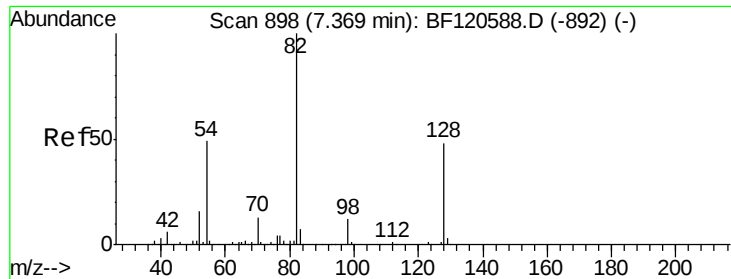
#22
Acetophenone
Concen: 50.906 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:105	Resp:	619266
Ion Ratio	Lower	Upper
105	100	
71	4.6	7.2 10.8#
51	32.2	27.8 41.8
120	22.5	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

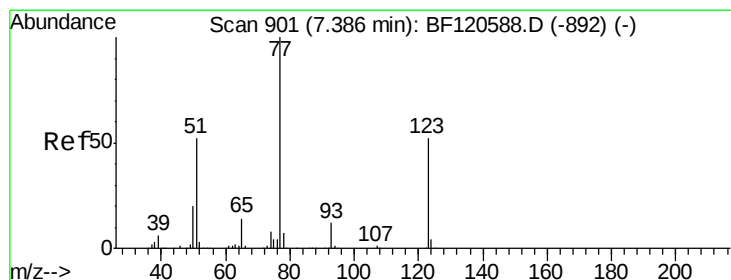
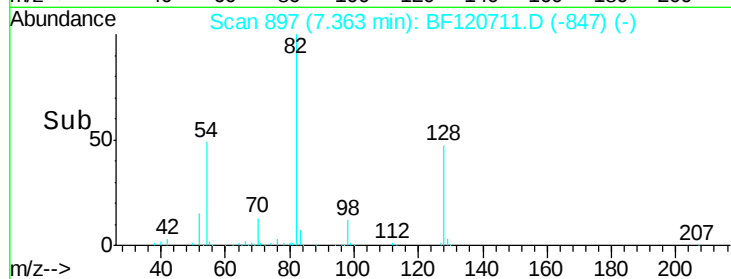
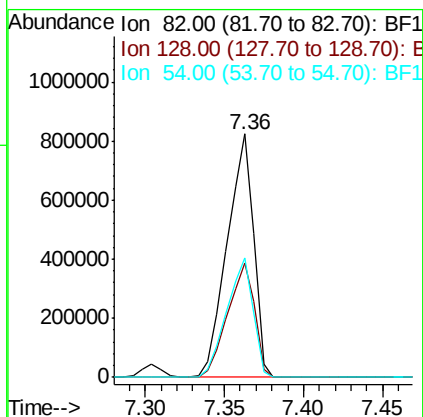
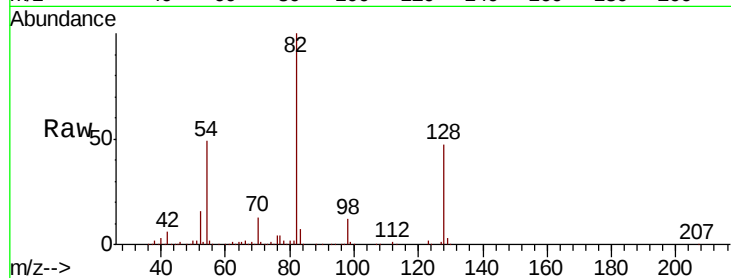




#23
 Nitrobenzene-d5
 Concen: 98.027 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

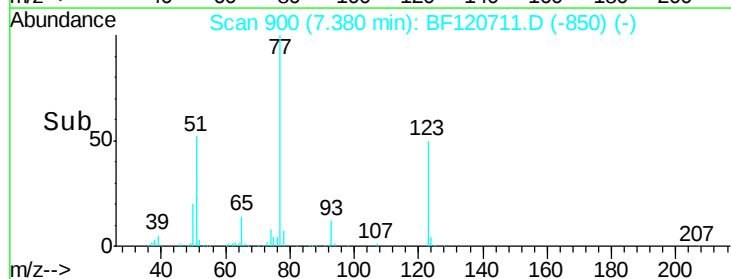
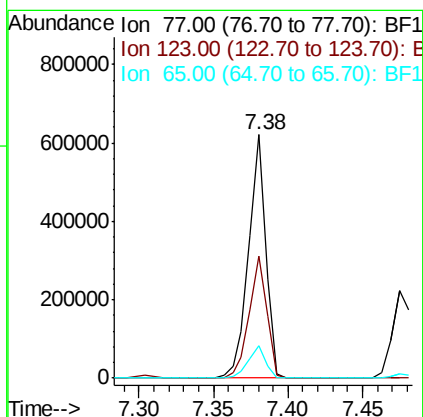
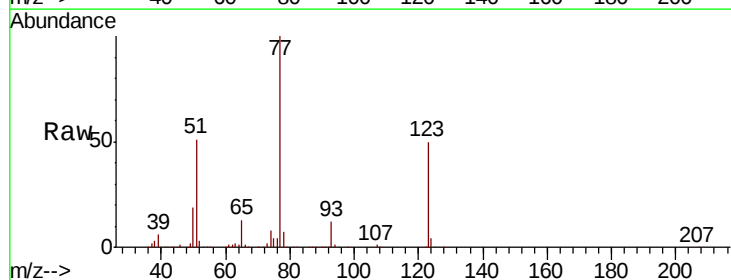
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

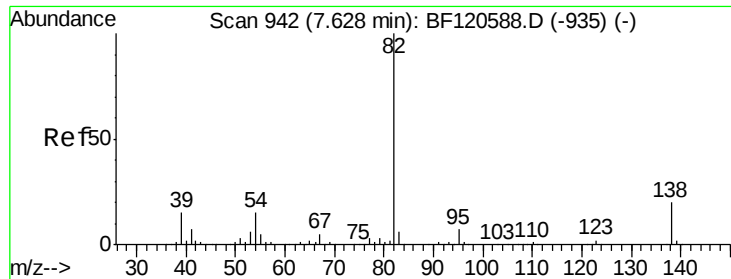
Tot Ion	82	Resp	954236
Ion Ratio	Lower	Upper	
82	100		
128	46.7	38.0	57.0
54	48.9	38.8	58.2



#24
 Nitrobenzene
 Concen: 48.903 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	77	Resp	498165
Ion Ratio	Lower	Upper	
77	100		
123	50.0	41.4	62.0
65	13.5	11.0	16.4





#25

Isophorone

Concen: 47.395 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

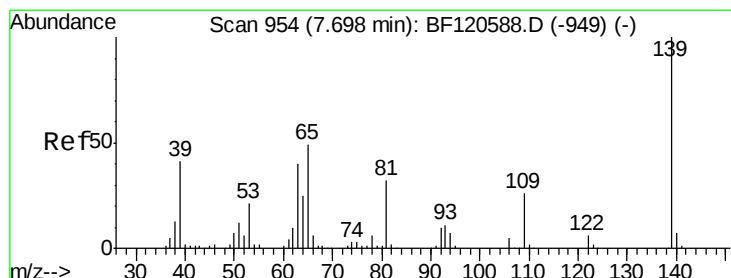
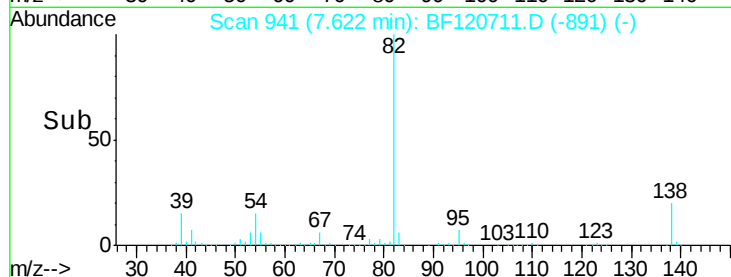
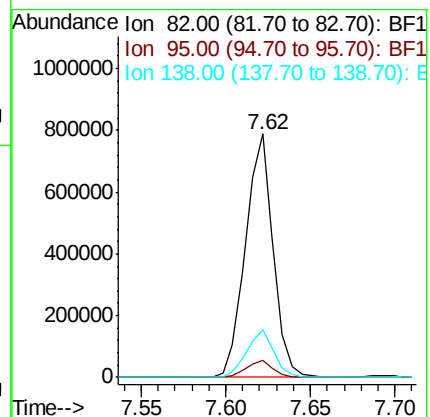
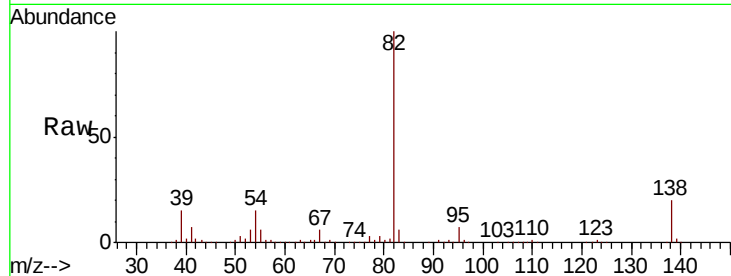
Tot Ion: 82 Resp: 898712

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 19.6 16.2 24.4



#26

2-Nitrophenol

Concen: 50.404 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

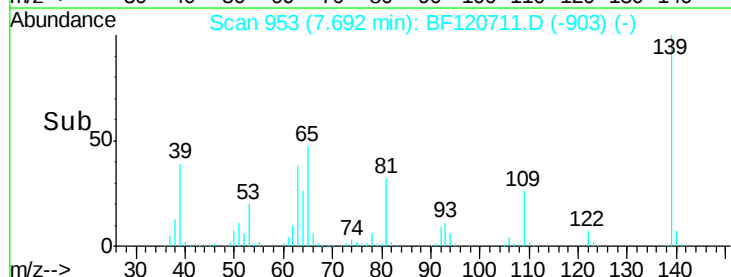
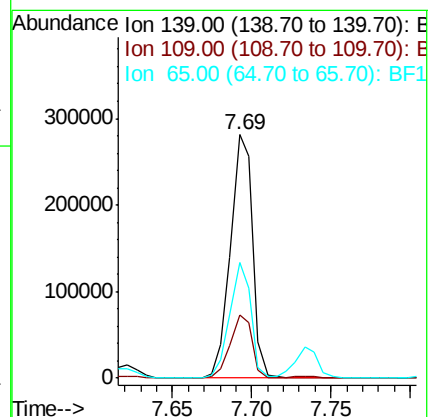
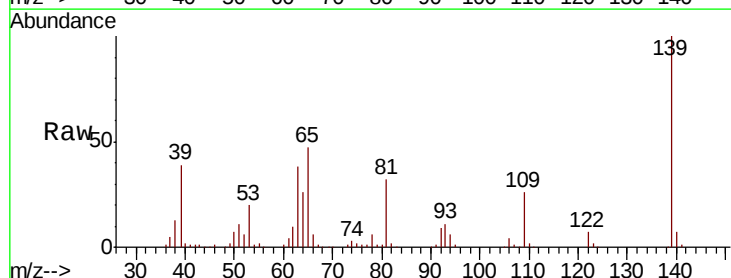
Tgt Ion: 139 Resp: 271636

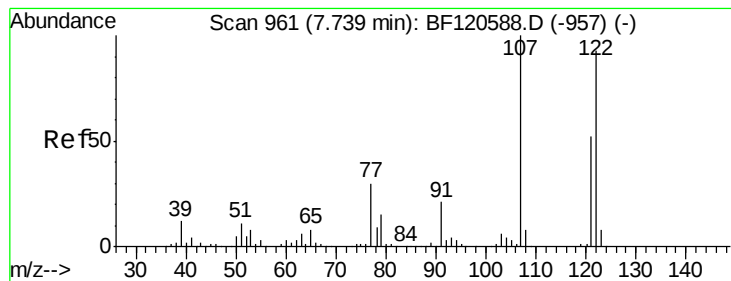
Ion Ratio Lower Upper

139 100

109 26.1 21.1 31.7

65 47.3 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 50.381 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

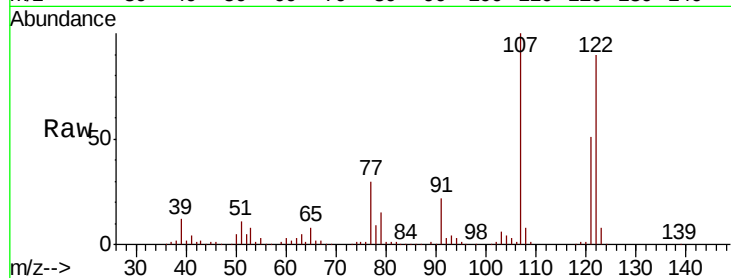
Tot Ion:122 Resp: 399774

Ion Ratio Lower Upper

122 100

107 110.7 86.4 129.6

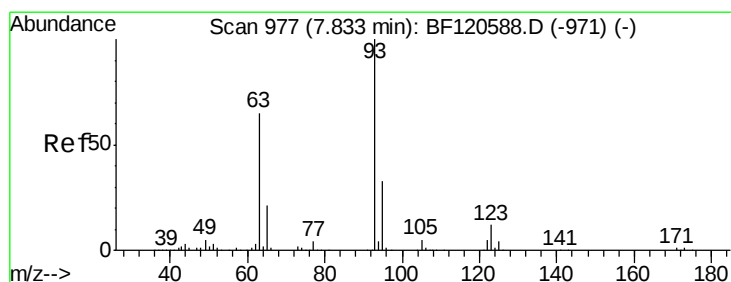
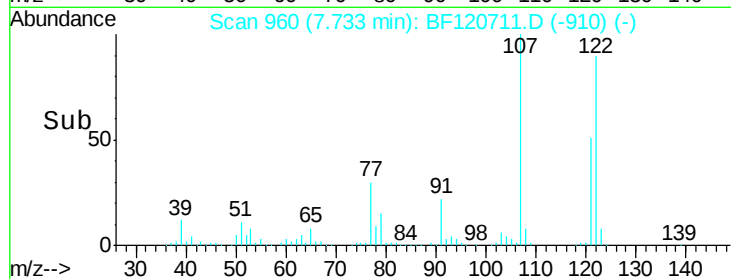
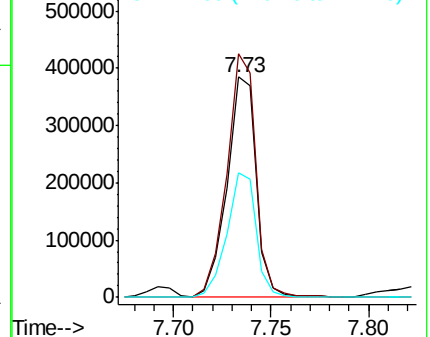
121 56.8 45.2 67.8



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: 52.007 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

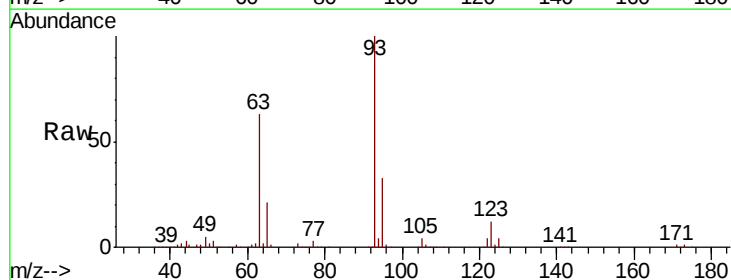
Tgt Ion: 93 Resp: 571652

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

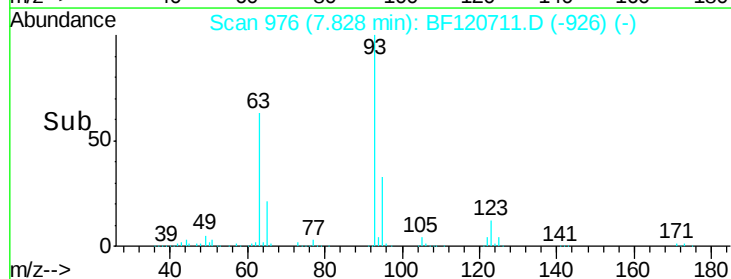
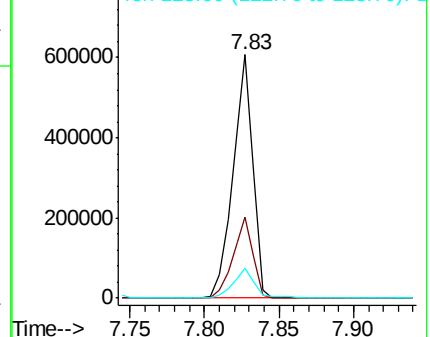
123 12.1 9.5 14.3

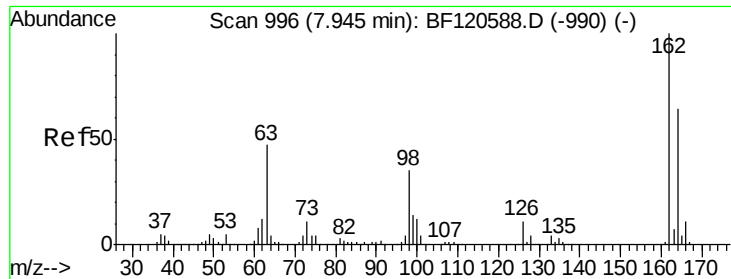


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

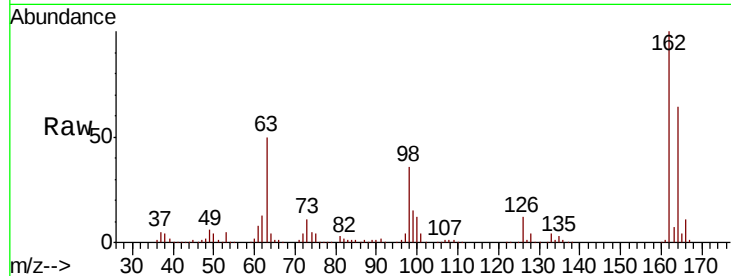




#29
 2,4-Dichlorophenol
 Concen: 50.580 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.1	84.1
98	35.8	14.7	54.7

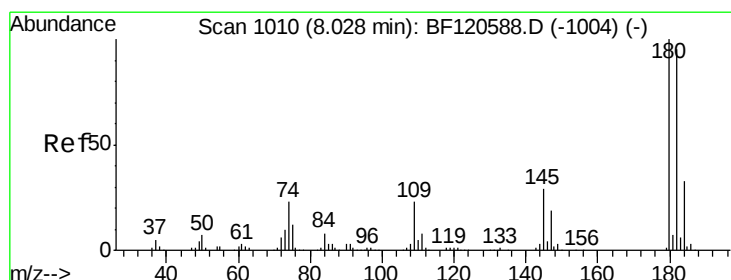
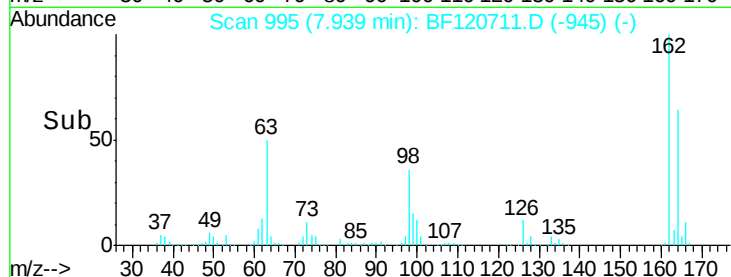
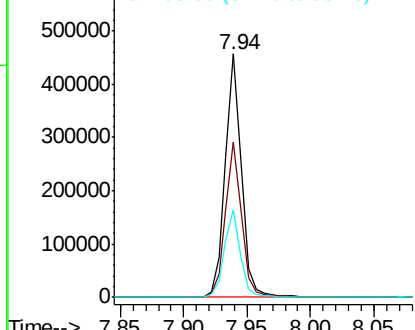


Abundance

Ion 162.00 (161.70 to 162.70): E

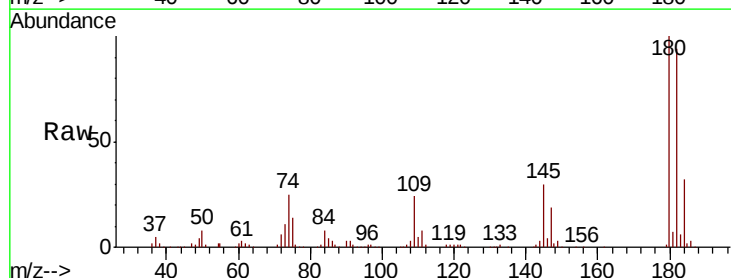
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 49.337 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.8	113.6
145	30.0	23.0	34.6

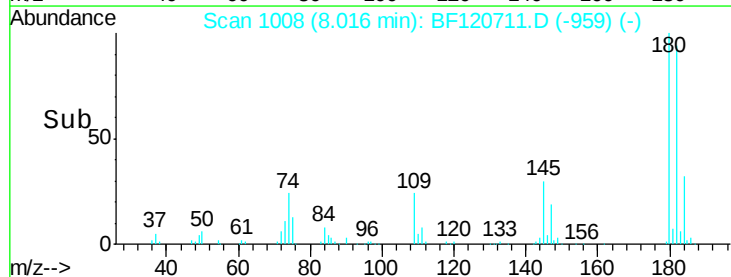
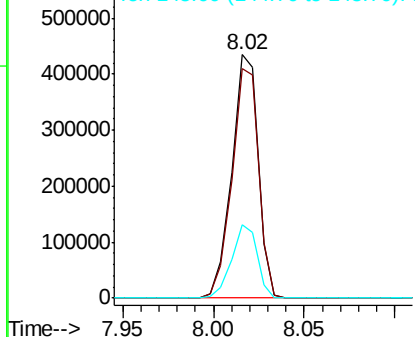


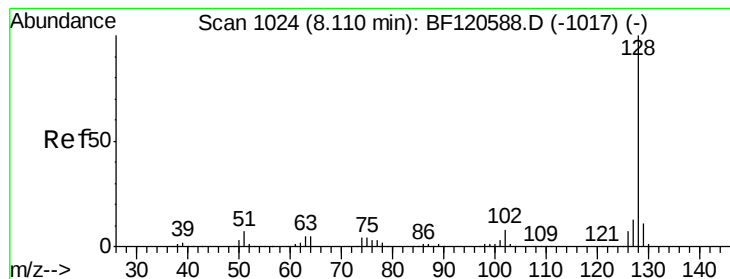
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.995 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

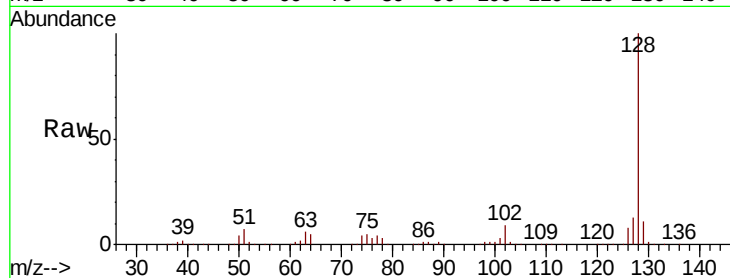
Tot Ion:128 Resp: 1335770

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

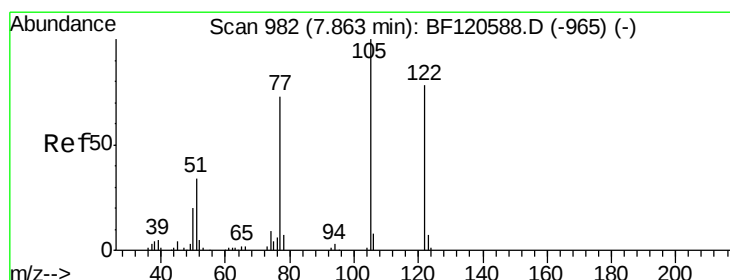
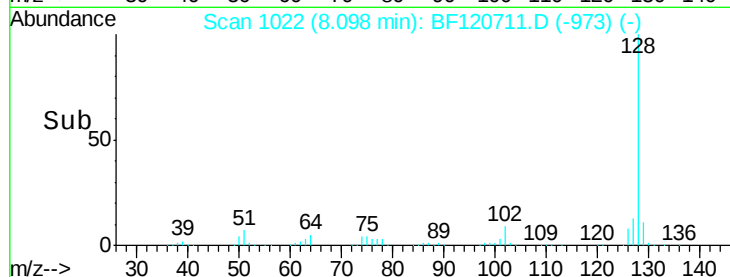
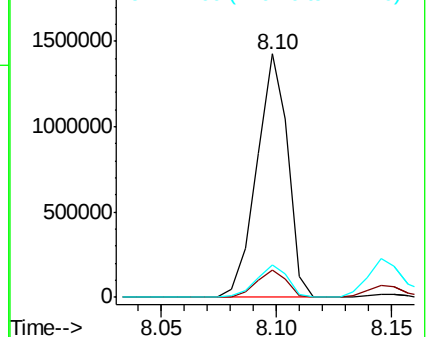
127 13.5 10.6 15.8



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: 21.563 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

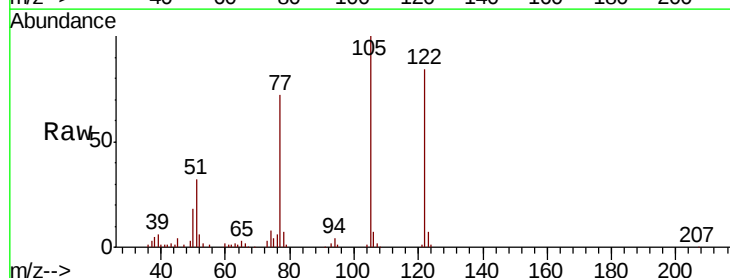
Tgt Ion:122 Resp: 131276

Ion Ratio Lower Upper

122 100

105 118.6 101.0 141.0

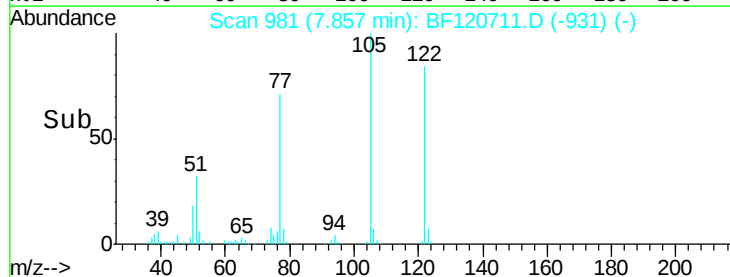
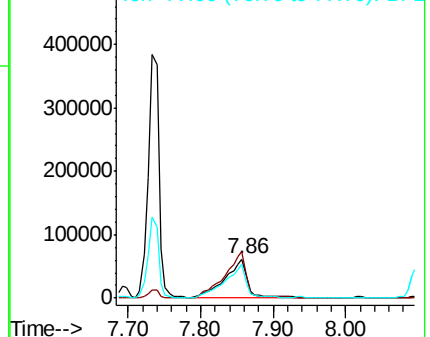
77 85.4 69.8 109.8

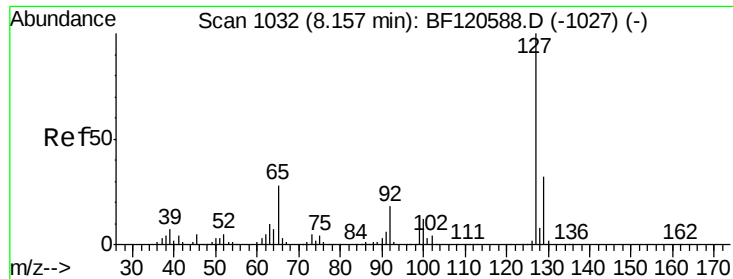


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

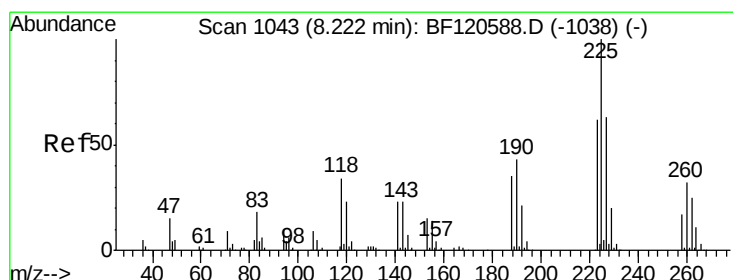
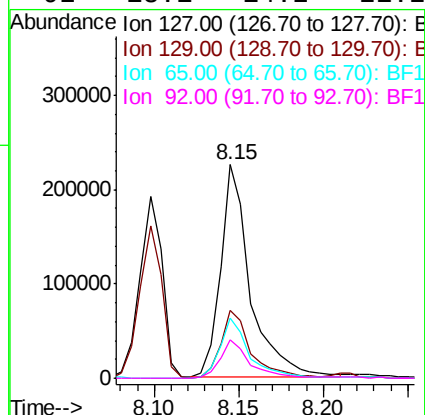
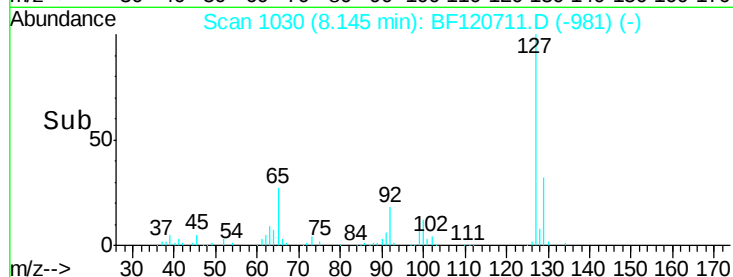
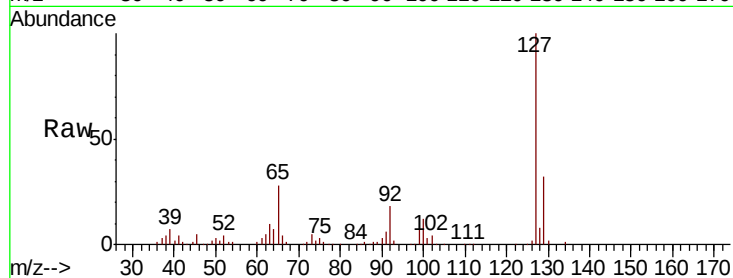




#33
4-Chloroaniline
Concen: 22.719 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

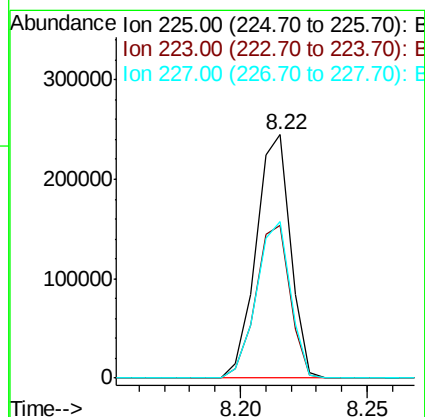
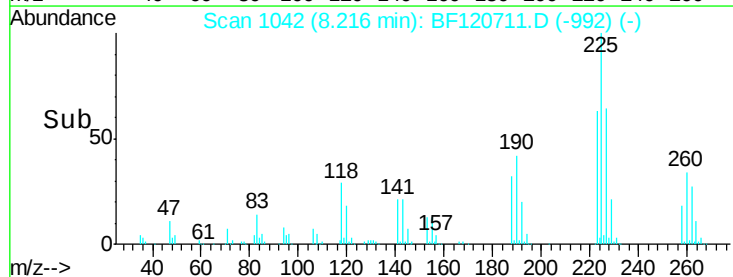
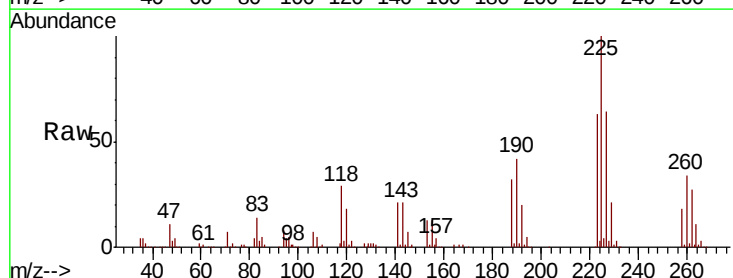
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

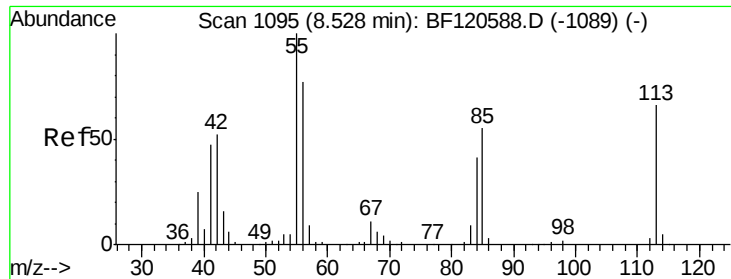
Tot Ion:	127	Resp:	278609
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	28.1	22.2	33.4
92	18.1	14.2	21.2



#34
Hexachlorobutadiene
Concen: 44.545 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:	225	Resp:	232096
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.9	74.9
227	64.1	50.5	75.7

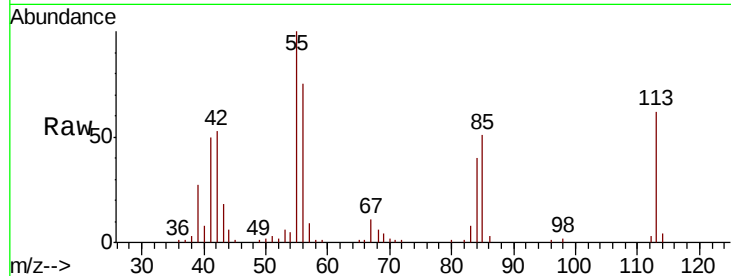




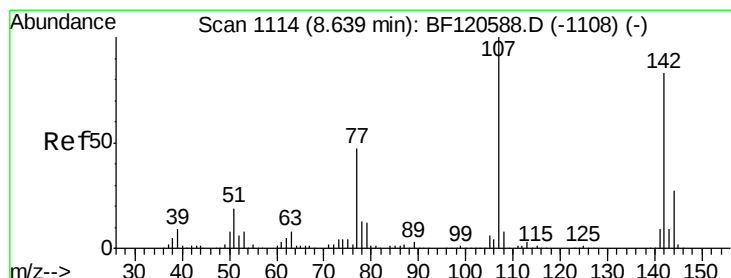
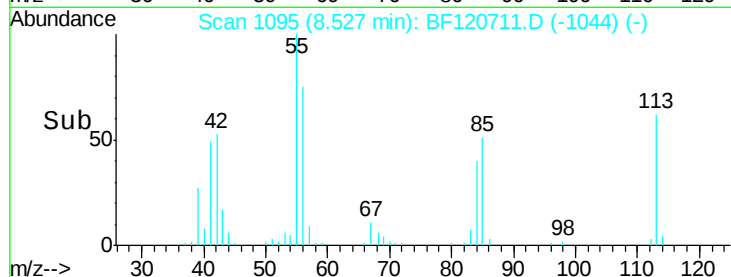
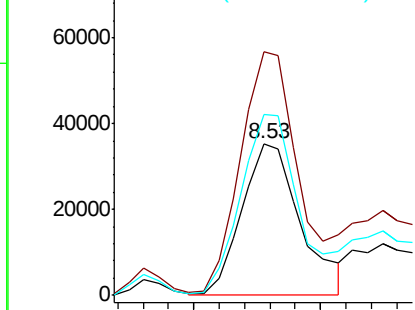
#35
 Caprolactam
 Concen: 22.137 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion:113 Resp: 57107
 Ion Ratio Lower Upper
 113 100
 55 160.4 133.1 173.1
 56 119.6 98.4 138.4

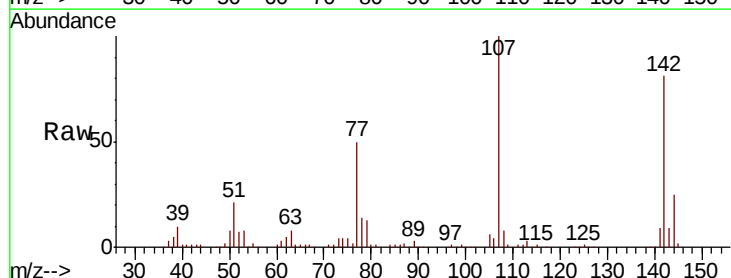


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

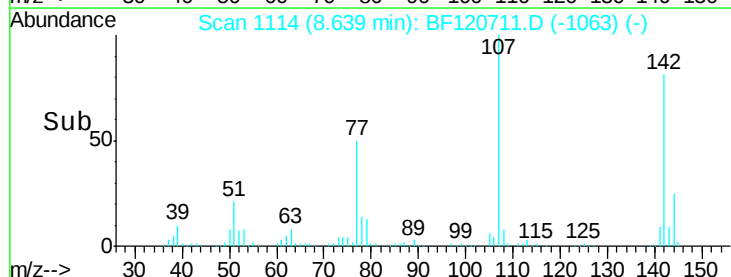
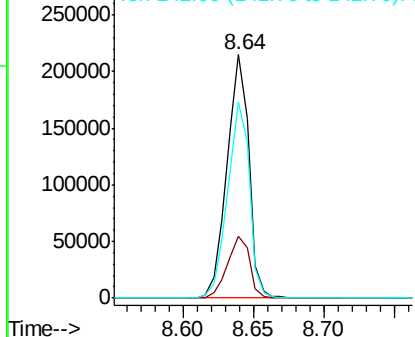


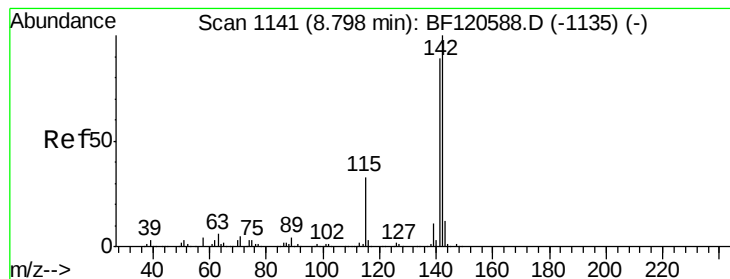
#36
 4-Chloro-3-methylphenol
 Concen: 28.691 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion:107 Resp: 231201
 Ion Ratio Lower Upper
 107 100
 144 25.3 21.4 32.2
 142 80.6 66.3 99.5



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: 28.048 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

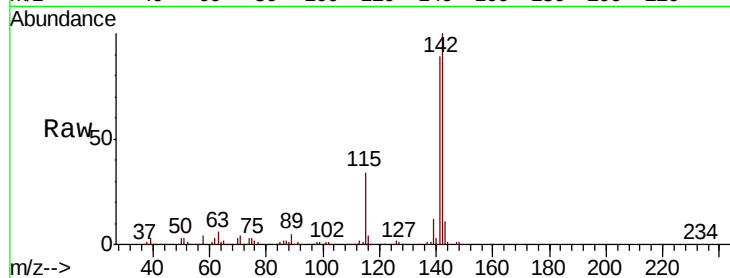
Tot Ion:142 Resp: 489203

Ion Ratio Lower Upper

142 100

141 88.6 71.4 107.0

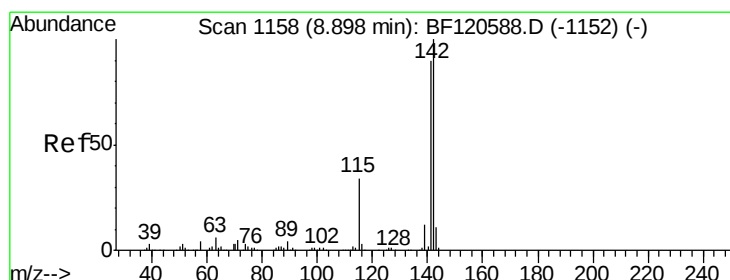
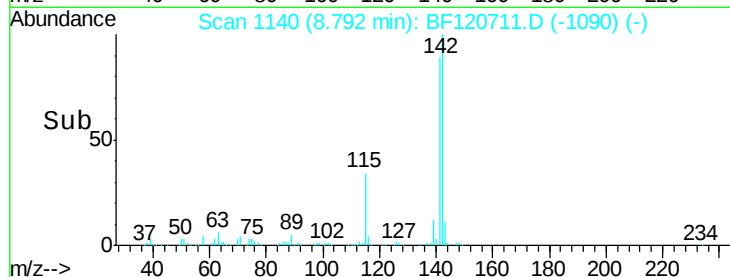
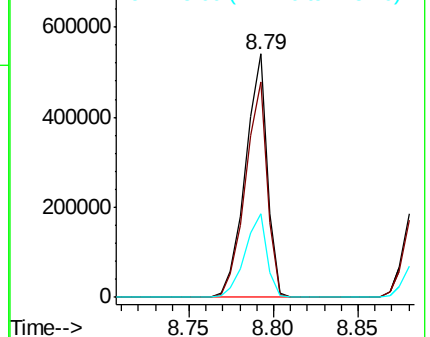
115 34.4 26.1 39.1



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: 28.239 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

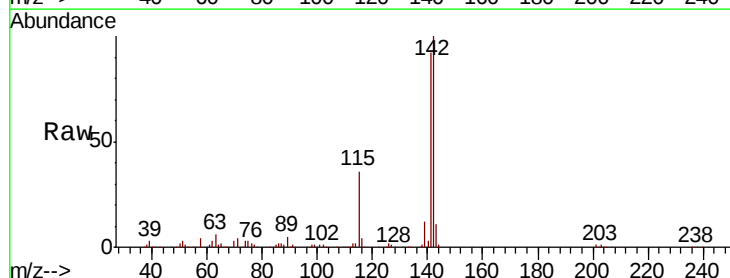
Tgt Ion:142 Resp: 463464

Ion Ratio Lower Upper

142 100

141 92.2 72.1 108.1

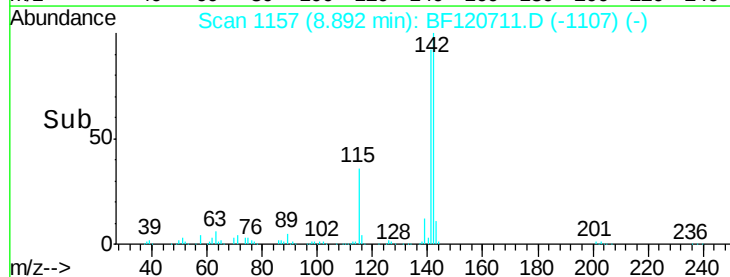
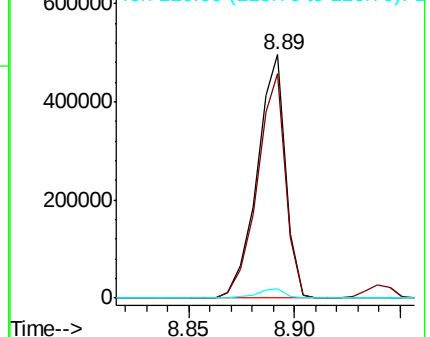
116 3.6 2.7 4.1

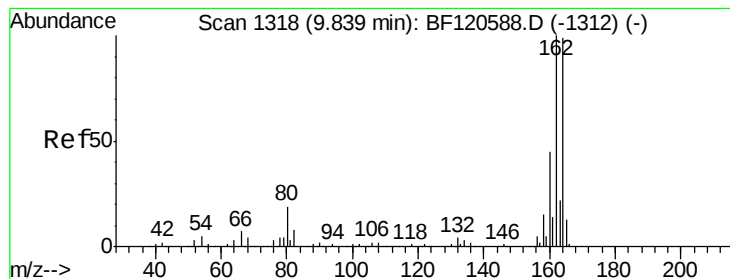


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

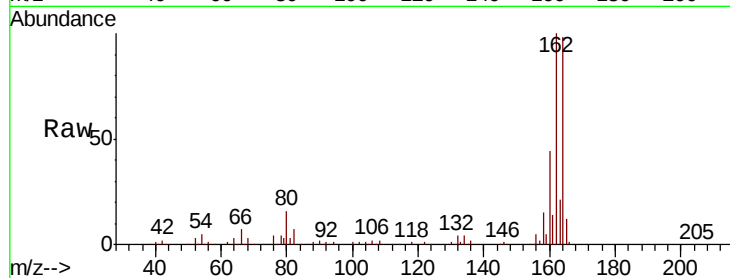
Tot Ion:164 Resp: 144024

Ion Ratio Lower Upper

164 100

162 102.5 80.6 120.8

160 45.0 36.2 54.2

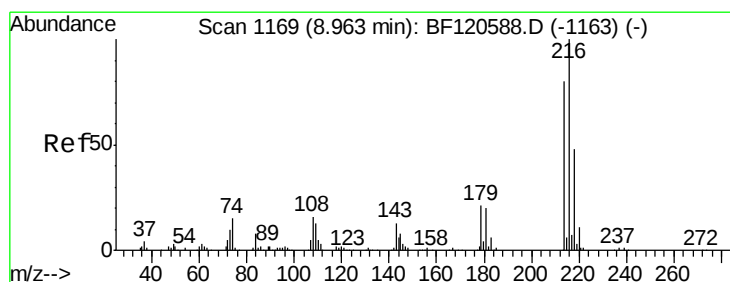
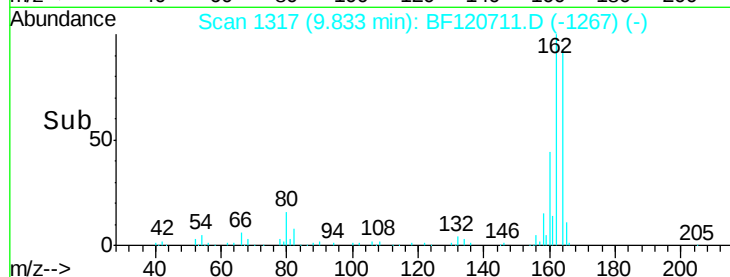
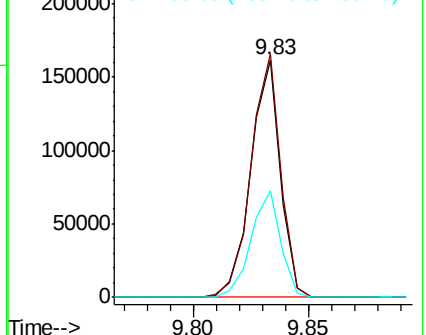


Abundance

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: 54.535 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:216 Resp: 234524

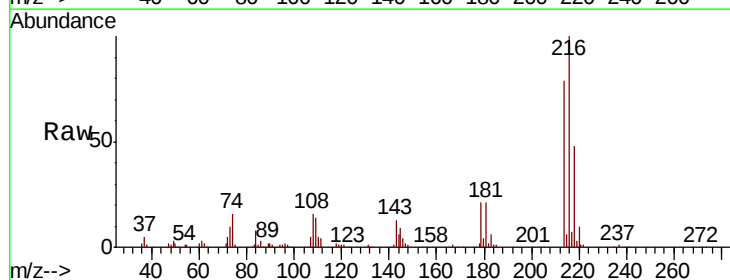
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 21.0 16.4 24.6

108 18.4 13.8 20.8



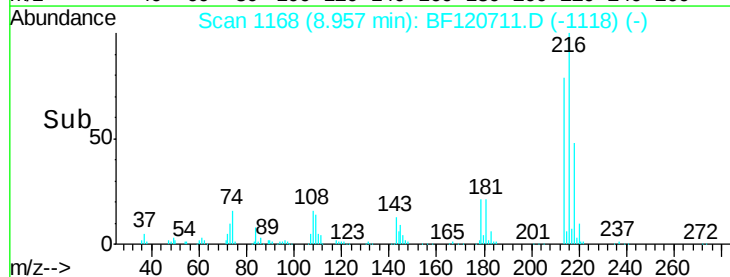
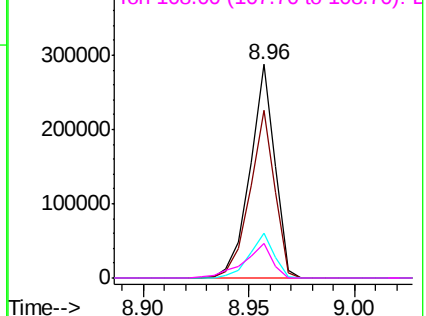
Abundance

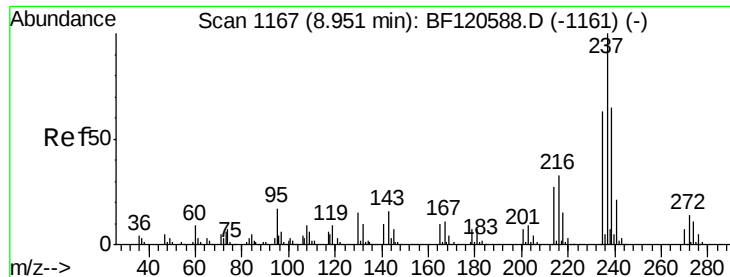
Ion 216.00 (215.70 to 216.70): E

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: 90.917 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

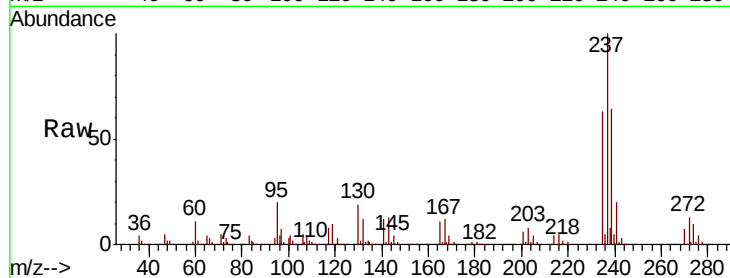
Tot Ion:237 Resp: 219097

Ion Ratio Lower Upper

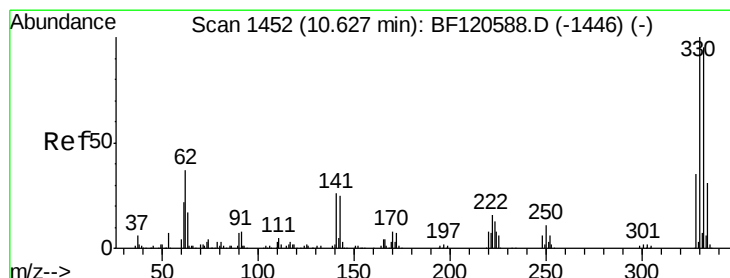
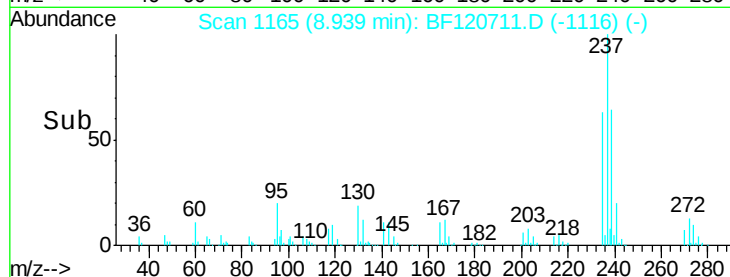
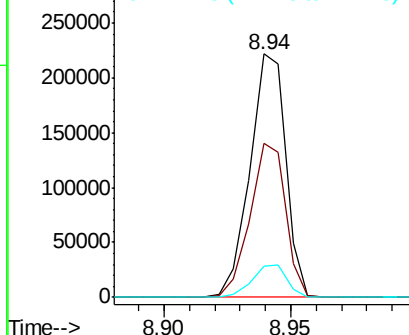
237 100

235 63.1 43.2 83.2

272 12.6 0.0 33.9



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: 154.346 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

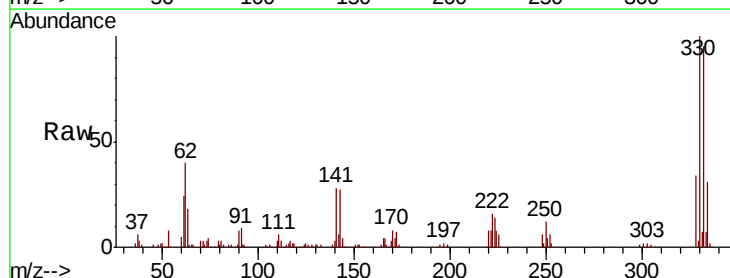
Tgt Ion:330 Resp: 258450

Ion Ratio Lower Upper

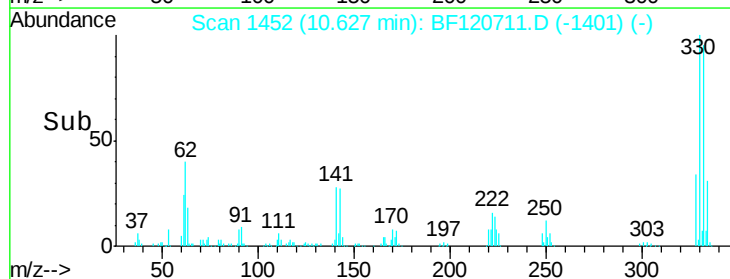
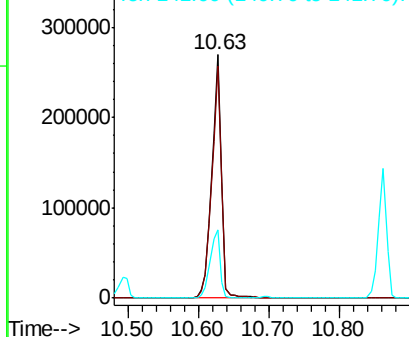
330 100

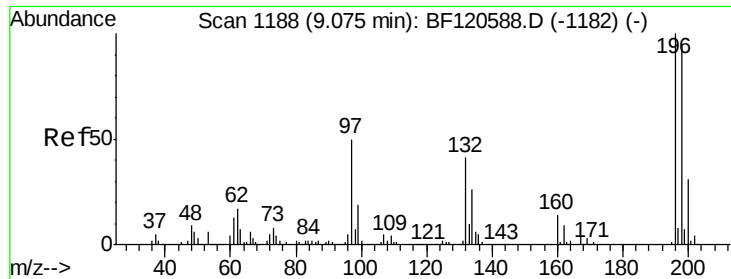
332 96.1 76.8 115.2

141 29.5 23.2 34.8



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

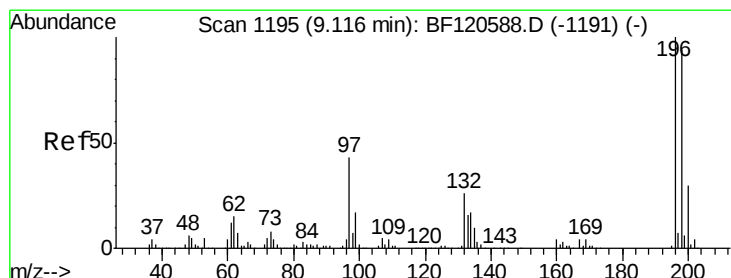
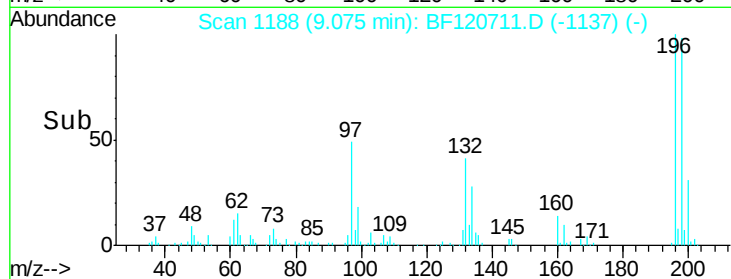
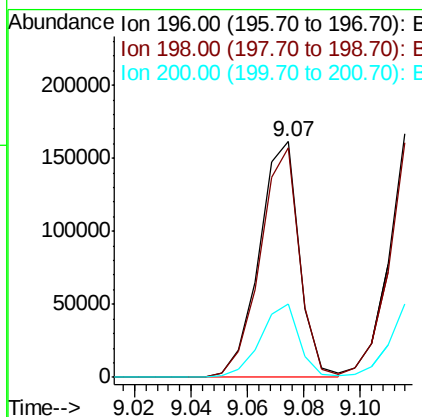
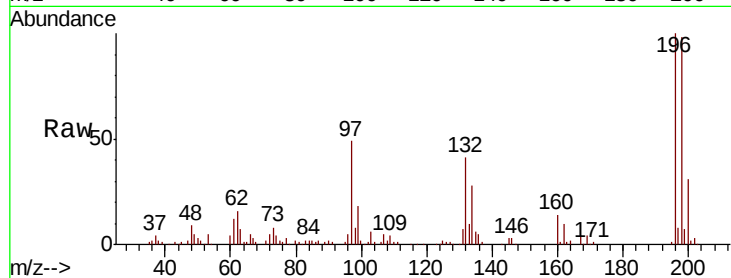




#43
 2,4,6-Trichlorophenol
 Concen: 52.280 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

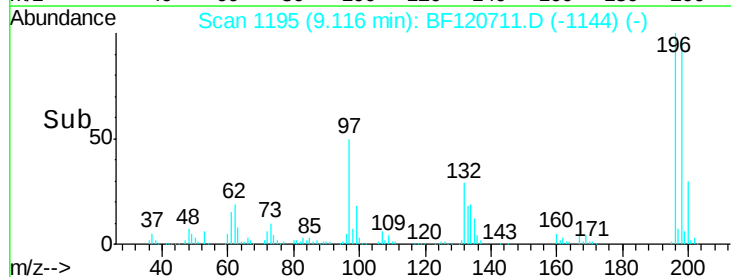
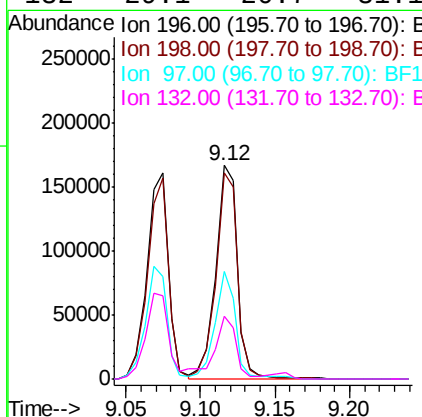
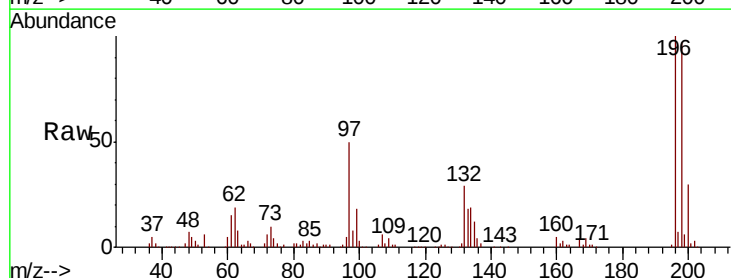
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

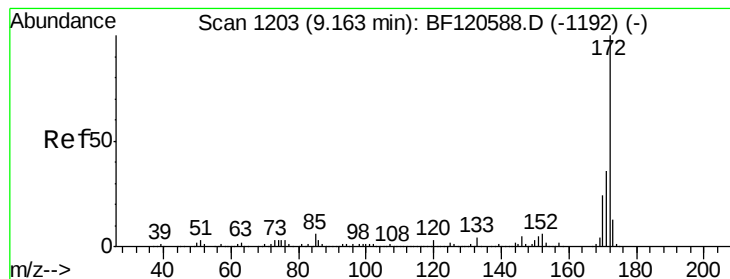
Tot Ion:196 Resp: 159482
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.2 114.2
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 49.225 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion:196 Resp: 170365
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.5 113.3
 97 50.4 34.4 51.6
 132 29.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 106.948 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

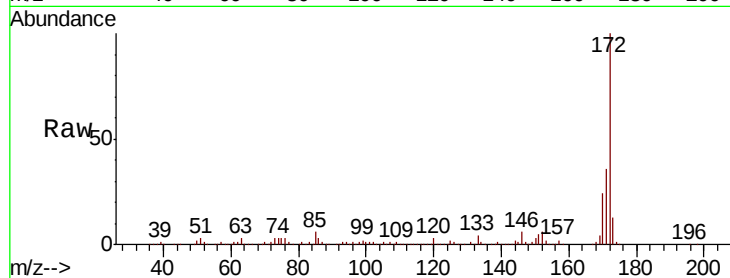
Tot Ion:172 Resp: 1006746

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

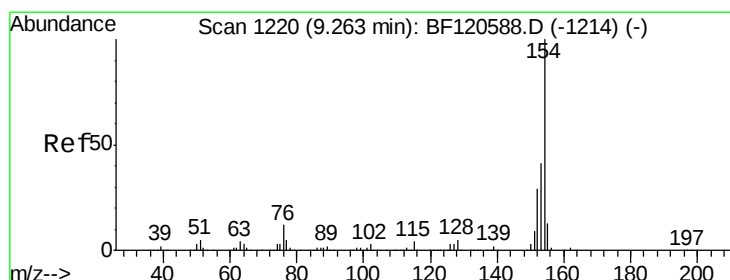
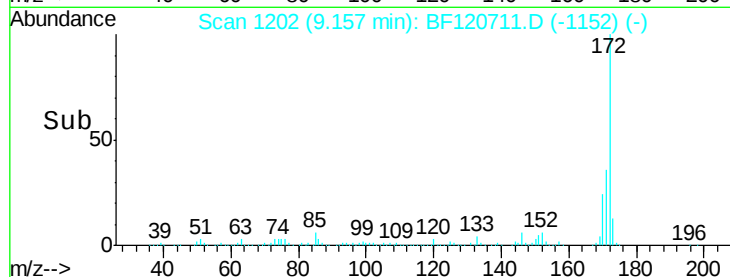
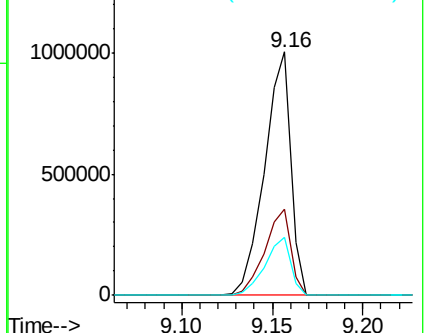
170 23.7 19.4 29.2



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: 55.630 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

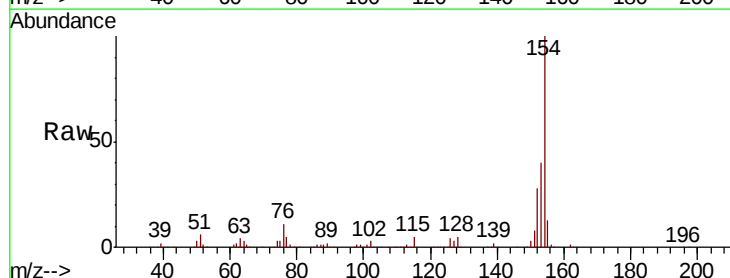
Tgt Ion:154 Resp: 598269

Ion Ratio Lower Upper

154 100

153 40.3 21.4 61.4

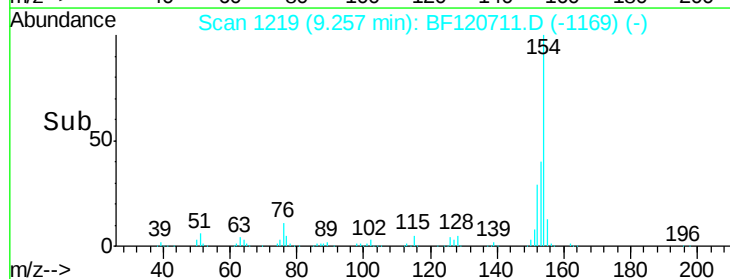
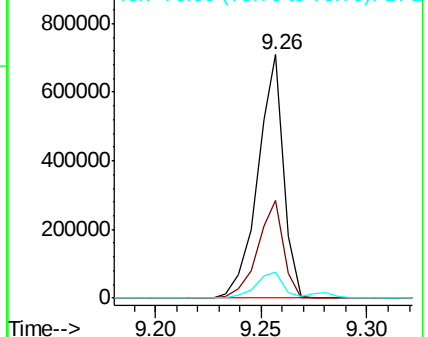
76 10.9 0.0 31.6

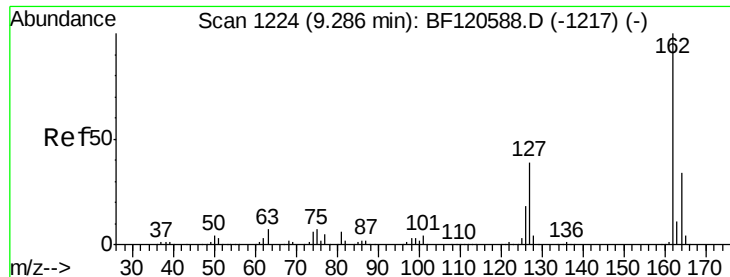


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

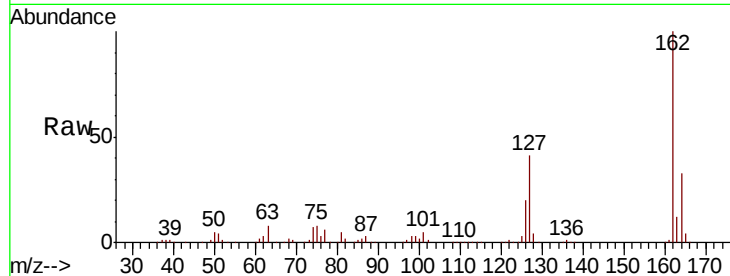




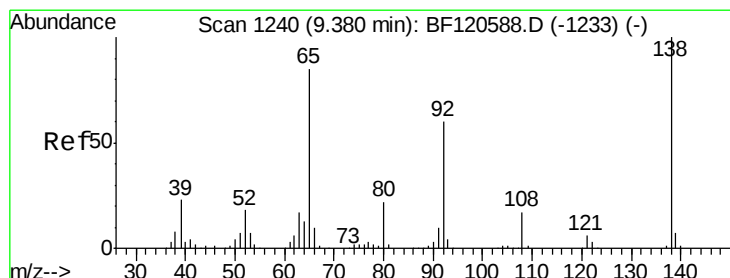
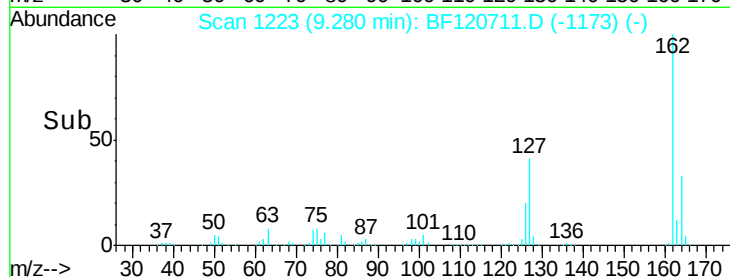
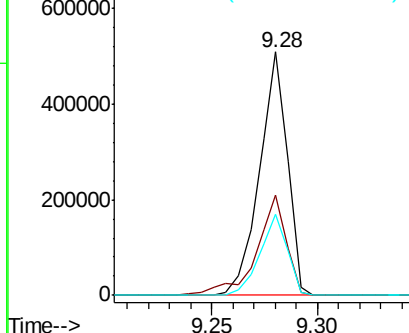
#47
 2-Chloronaphthalene
 Concen: 52.898 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion:162 Resp: 465196
 Ion Ratio Lower Upper
 162 100
 127 41.1 31.3 46.9
 164 33.3 26.9 40.3

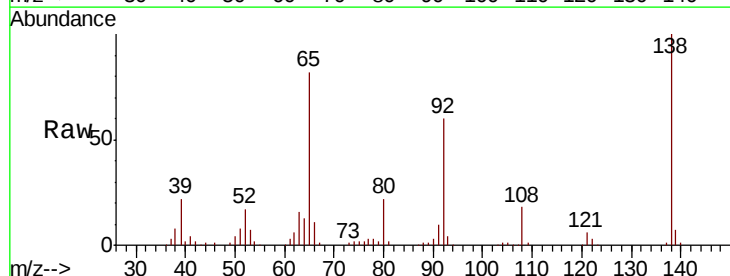


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

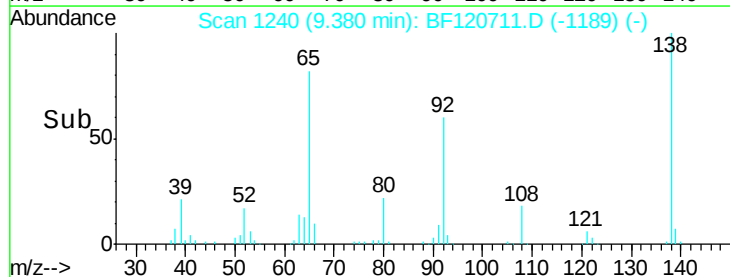
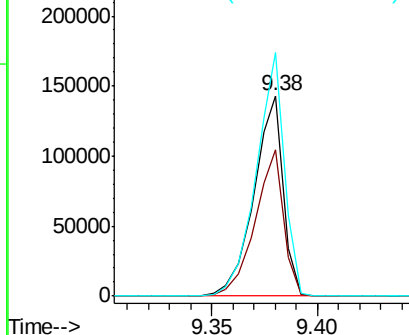


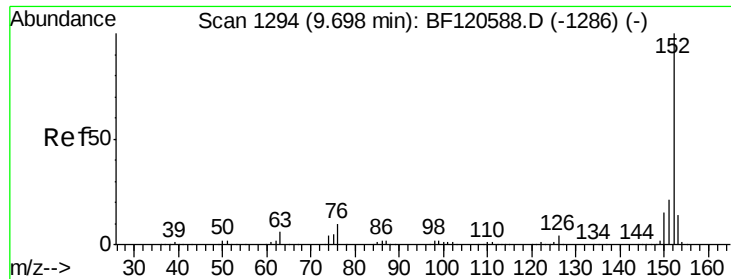
#48
 2-Nitroaniline
 Concen: 49.953 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion: 65 Resp: 137970
 Ion Ratio Lower Upper
 65 100
 92 72.7 56.0 84.0
 138 121.3 94.0 141.0



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: 53.163 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

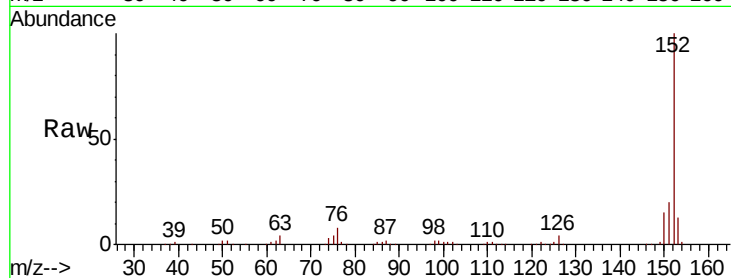
Tot Ion:152 Resp: 721541

Ion Ratio Lower Upper

152 100

151 19.8 16.6 25.0

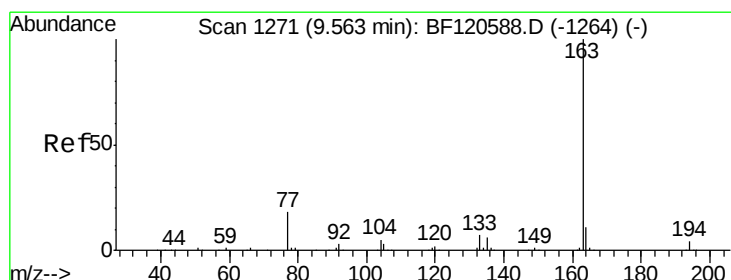
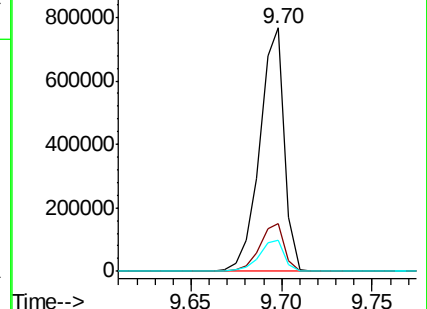
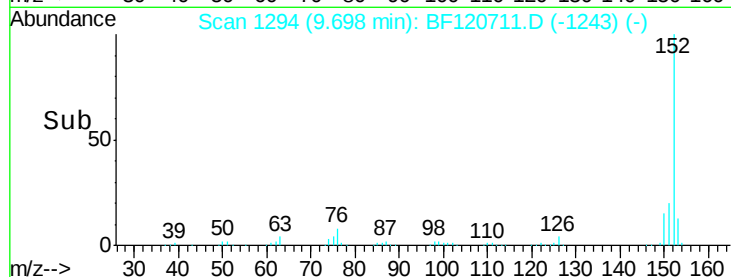
153 12.8 11.0 16.6



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: 53.374 ng

RT: 9.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

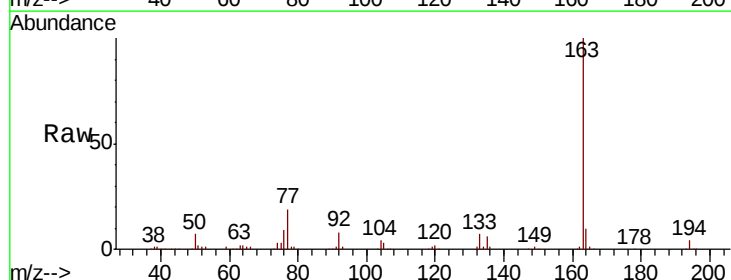
Tgt Ion:163 Resp: 553633

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

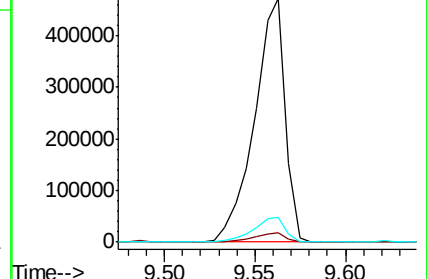
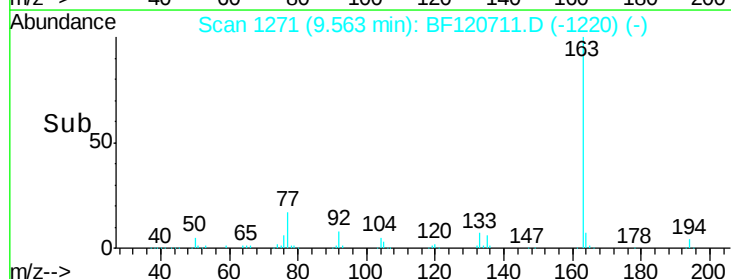
164 10.0 8.5 12.7

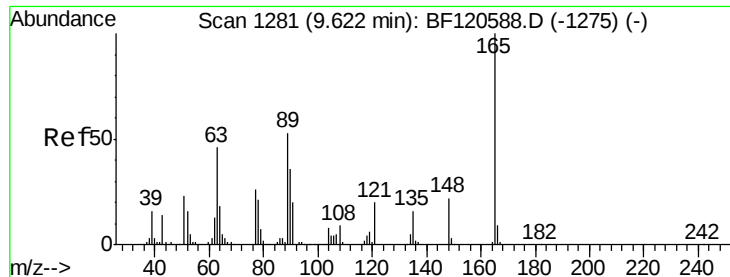


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

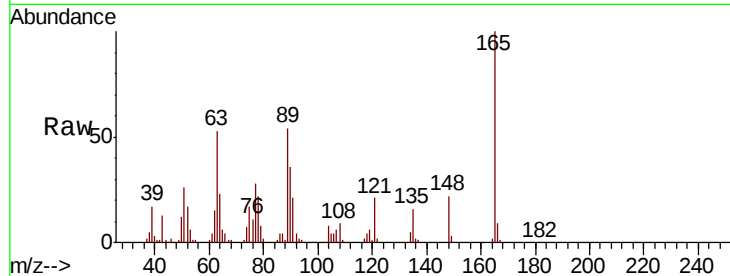




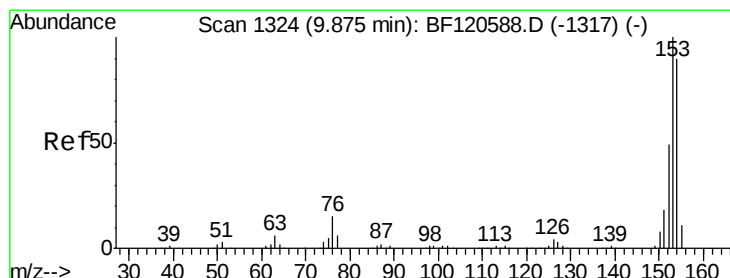
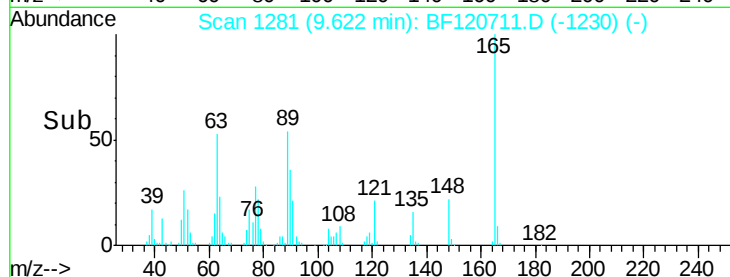
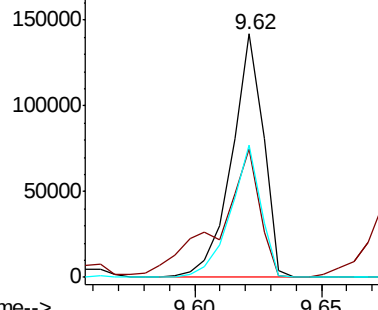
#51
2,6-Dinitrotoluene
Concen: 52.699 ng
RT: 9.62 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:165 Resp: 123882
Ion Ratio Lower Upper
165 100
63 52.6 41.7 62.5
89 54.2 42.6 64.0

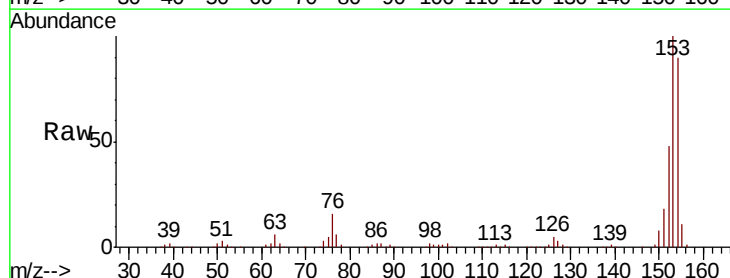


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

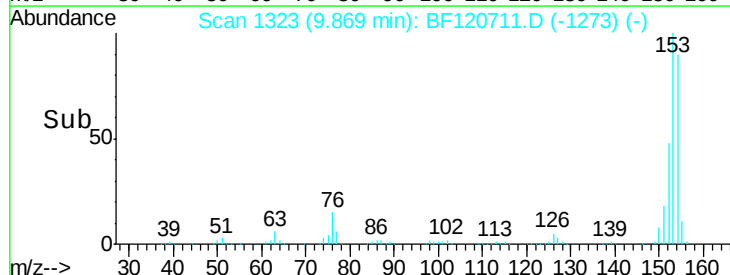
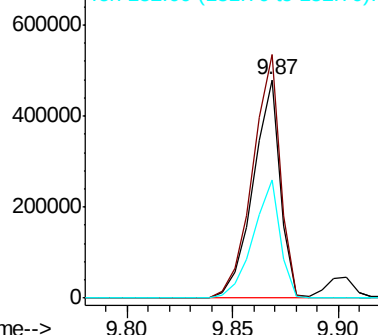


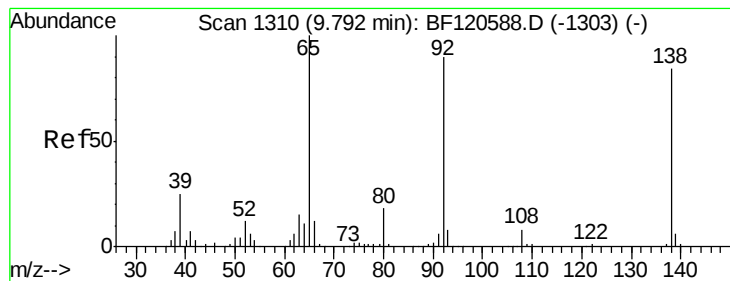
#52
Acenaphthene
Concen: 53.331 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:154 Resp: 431693
Ion Ratio Lower Upper
154 100
153 111.6 89.1 133.7
152 54.1 43.7 65.5



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





#53

3-Nitroaniline

Concen: 29.675 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

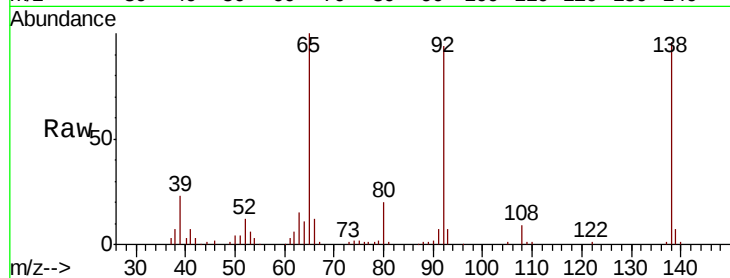
Tot Ion:138 Resp: 83785

Ion Ratio Lower Upper

138 100

108 9.8 8.0 12.0

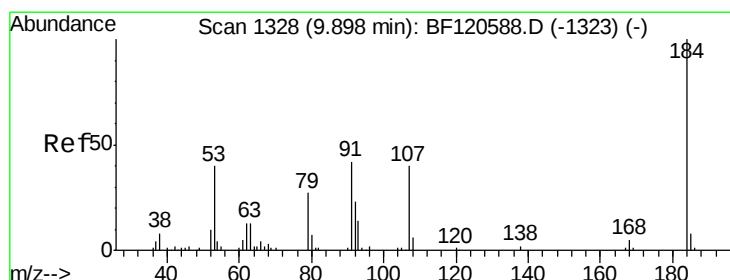
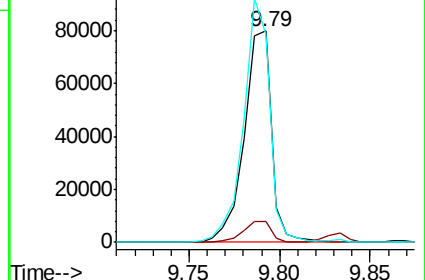
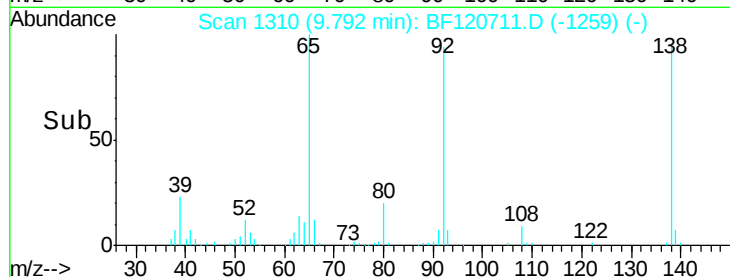
92 98.2 86.0 129.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 59.451 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

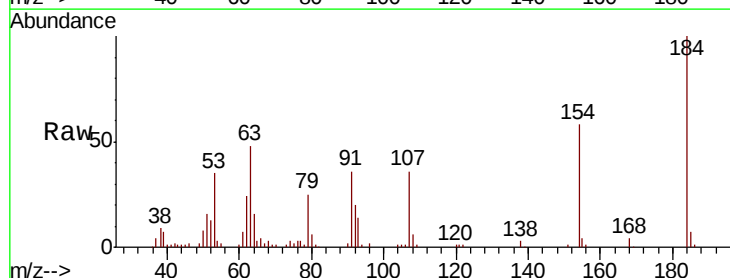
Tgt Ion:184 Resp: 80858

Ion Ratio Lower Upper

184 100

63 47.6 44.2 66.2

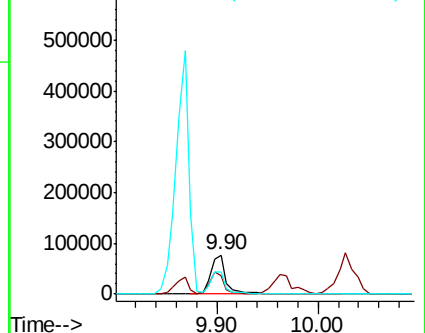
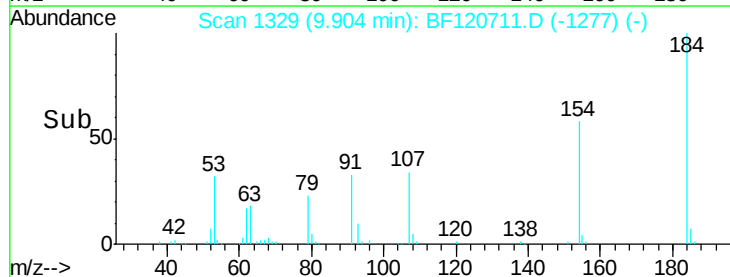
154 57.7 45.9 68.9

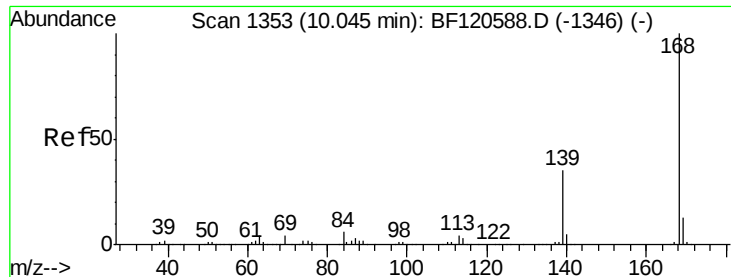


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

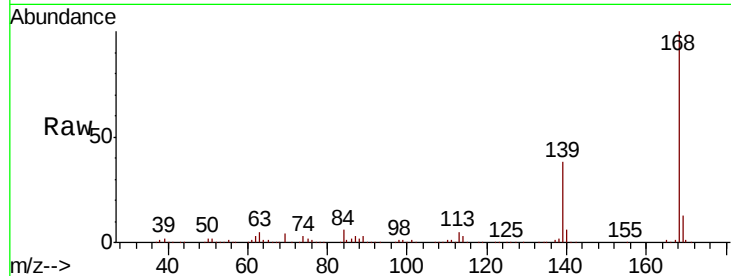




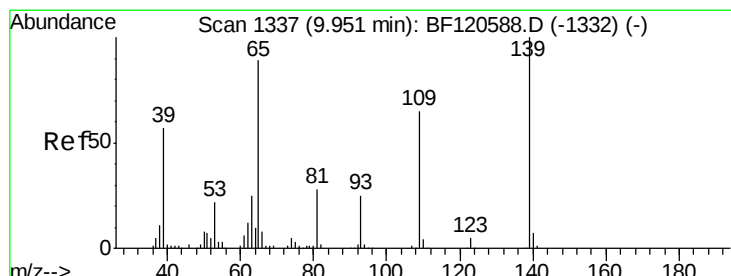
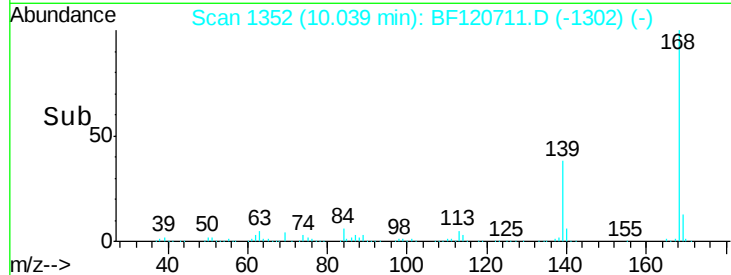
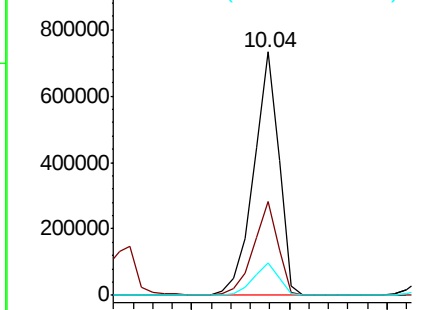
#55
Dibenzenofuran
Concen: 52.506 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:168 Resp: 651676
Ion Ratio Lower Upper
168 100
139 38.4 28.1 42.1
169 13.3 10.6 16.0

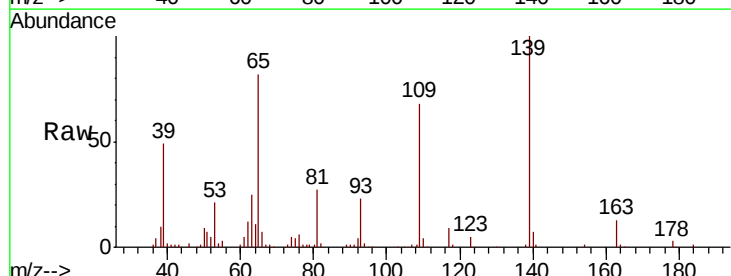


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

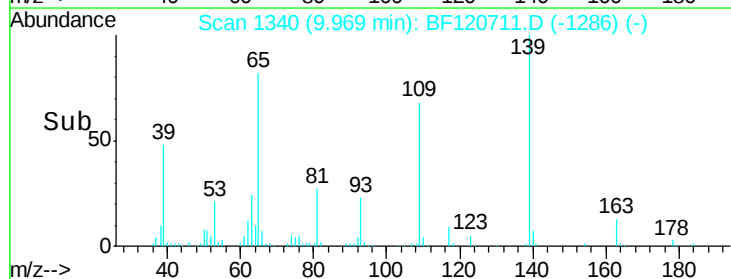
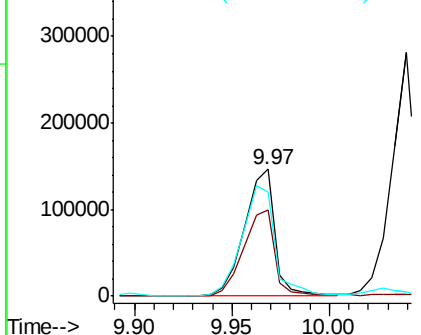


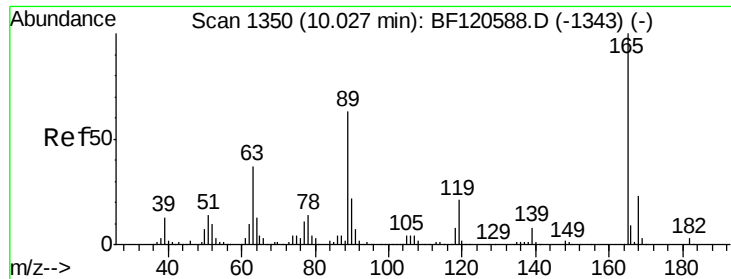
#56
4-Nitrophenol
Concen: 74.511 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:139 Resp: 158446
Ion Ratio Lower Upper
139 100
109 67.6 44.6 84.6
65 81.9 69.2 109.2



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

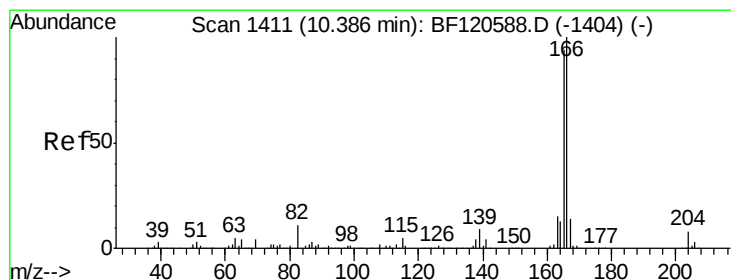
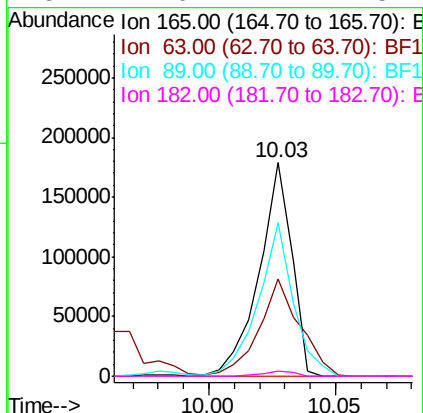
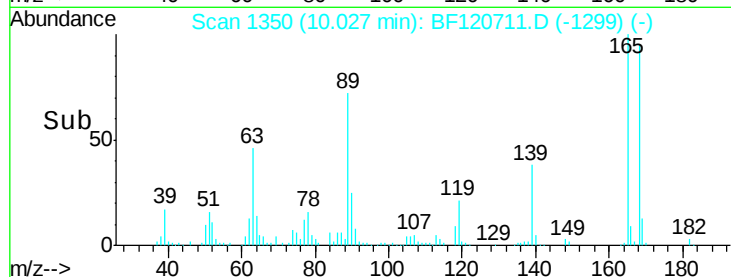
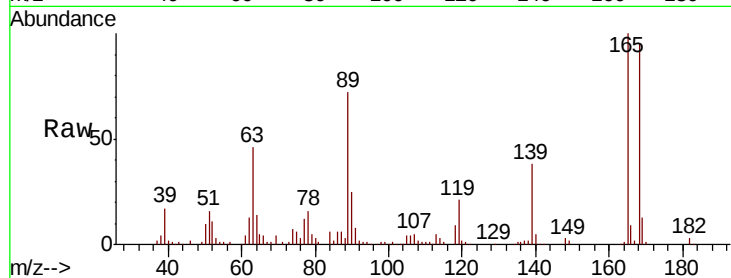




#57
2,4-Dinitrotoluene
Concen: 51.855 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

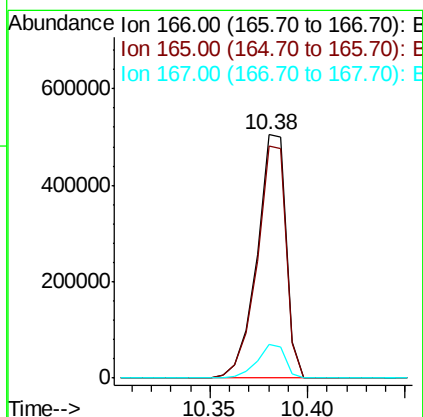
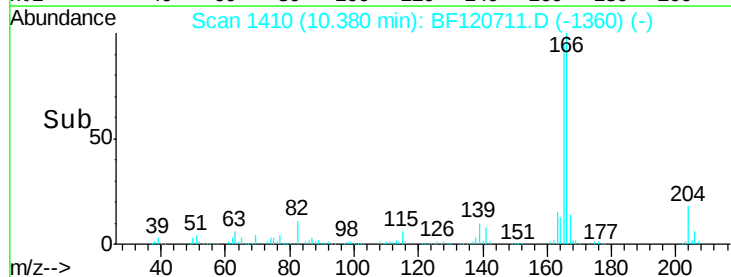
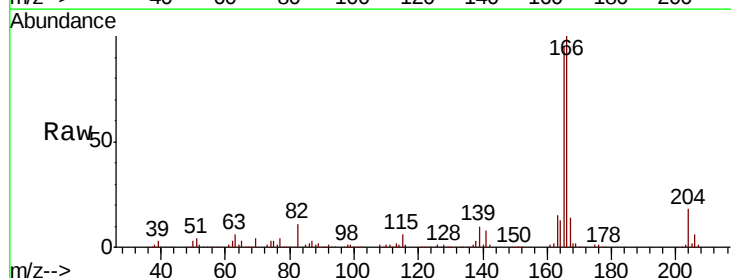
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

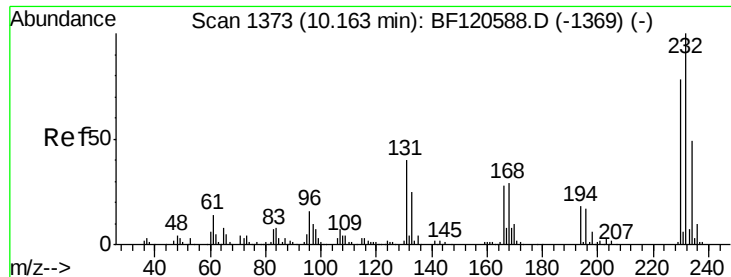
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	29.8	44.8#
89	71.9	50.4	75.6
182	2.6	2.1	3.1



#58
Fluorene
Concen: 54.321 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.2	75.0	112.6
167	13.6	11.0	16.4

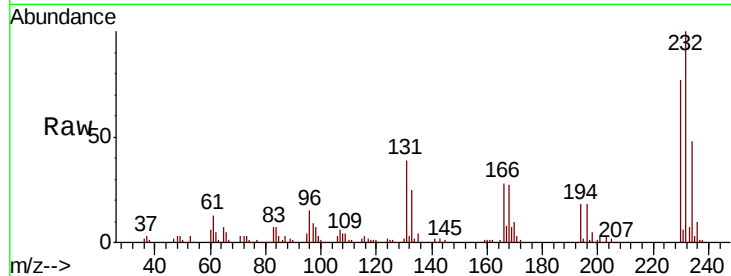




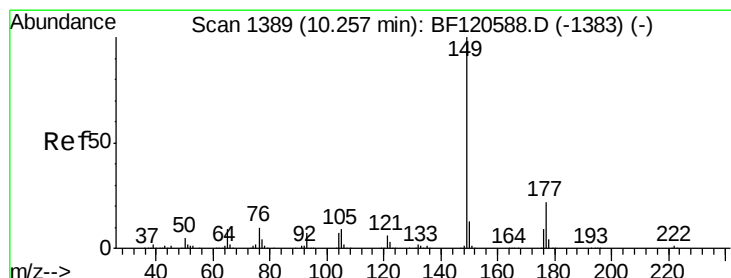
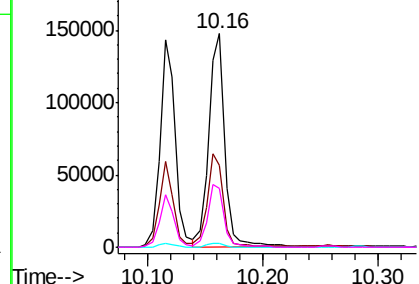
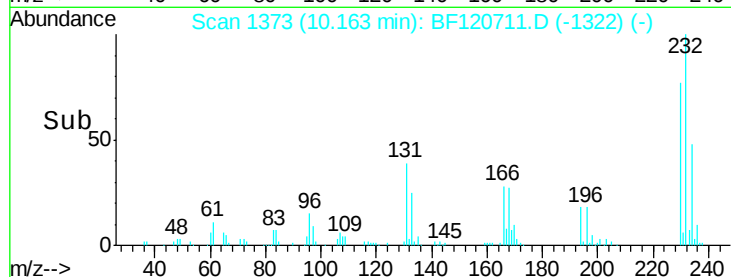
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.399 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:232 Resp: 142674
Ion Ratio Lower Upper
232 100
131 43.9 33.5 50.3
130 2.0 1.5 2.3
166 30.3 23.4 35.0

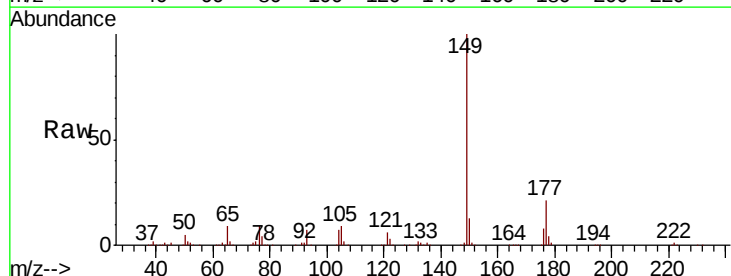


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

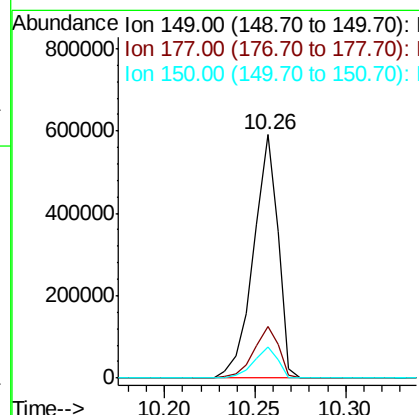
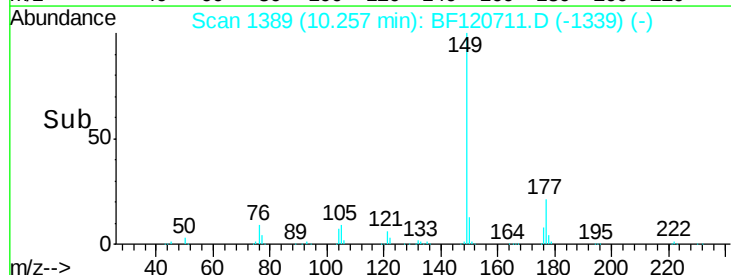


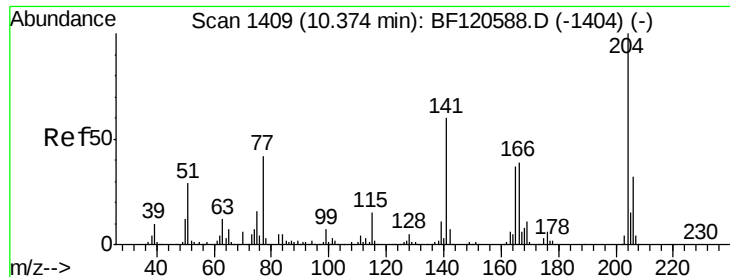
#60
Diethylphthalate
Concen: 54.314 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:149 Resp: 554867
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 12.7 10.3 15.5



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

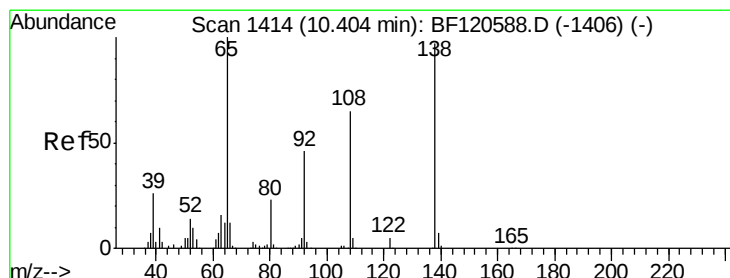
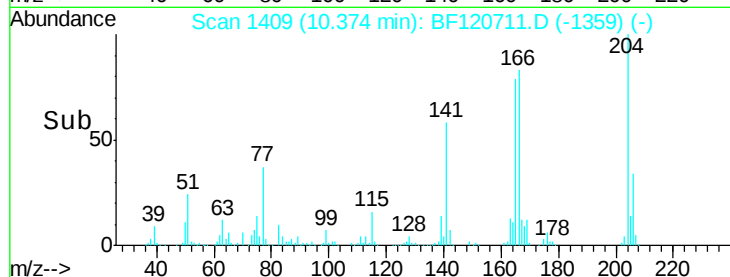
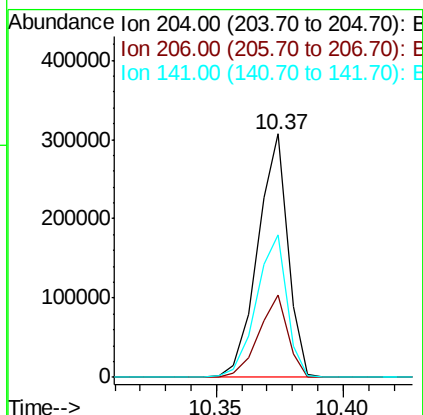
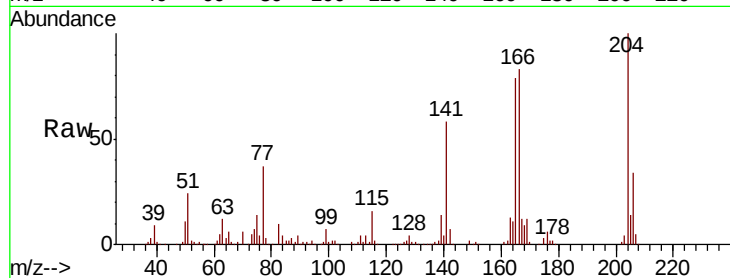




#61
4-Chlorophenyl-phenylether
Concen: 51.672 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

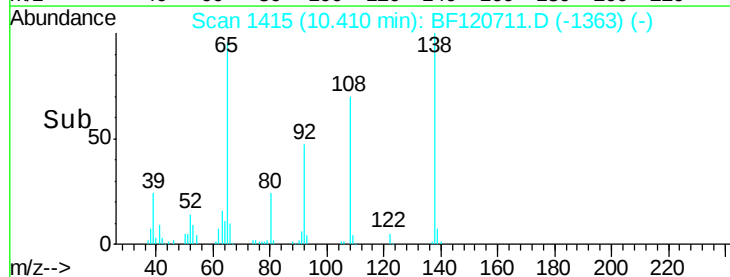
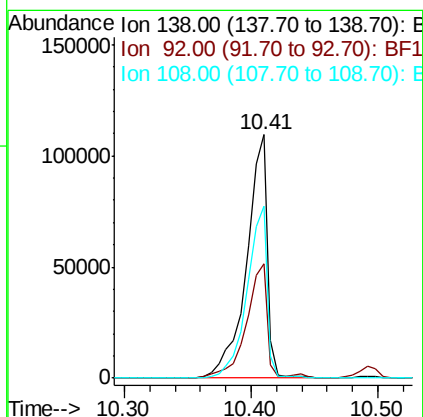
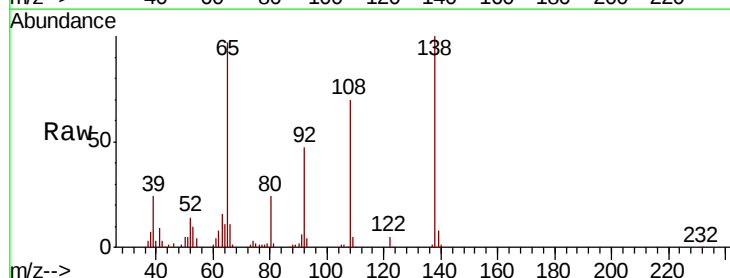
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

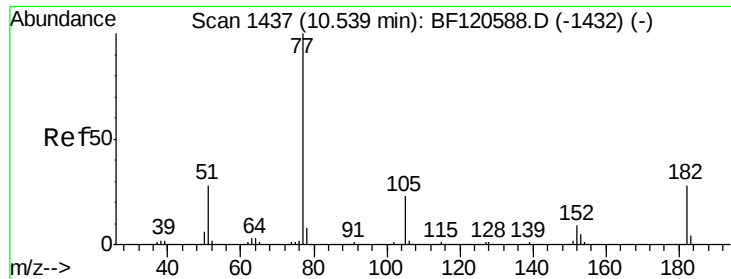
Tot Ion:204 Resp: 255313
Ion Ratio Lower Upper
204 100
206 33.7 25.9 38.9
141 58.3 47.6 71.4



#62
4-Nitroaniline
Concen: 44.657 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:138 Resp: 125175
Ion Ratio Lower Upper
138 100
92 46.8 27.3 67.3
108 70.5 47.4 87.4





#63

Azobenzene

Concen: 52.800 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion: 77 Resp: 489635

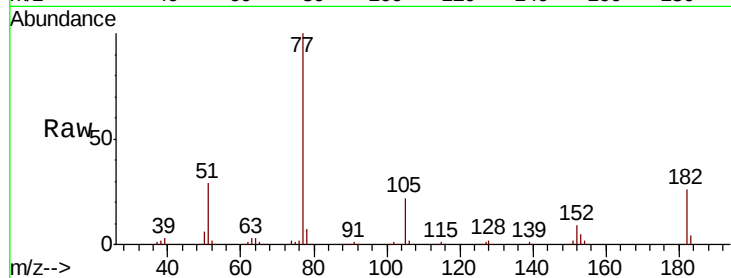
Ion Ratio Lower Upper

77 100

182 26.2 7.7 47.7

105 22.2 3.2 43.2

51 29.5 8.5 48.5

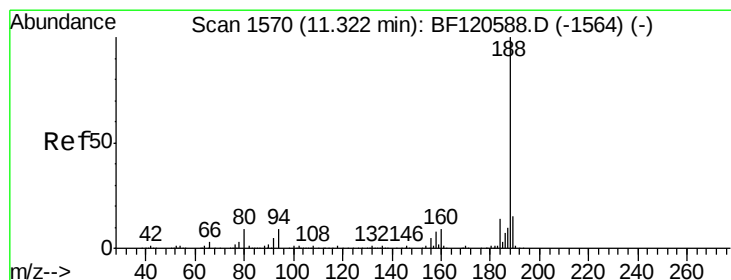
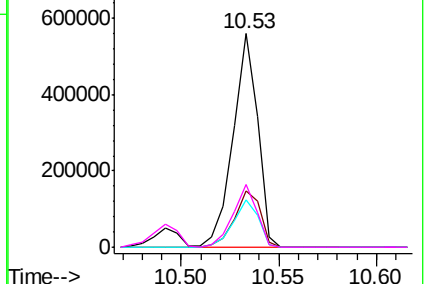
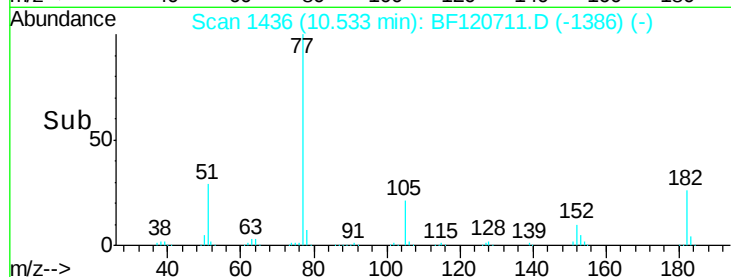


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

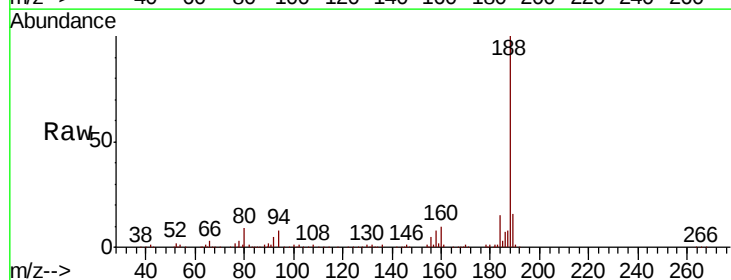
Tgt Ion: 188 Resp: 289183

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

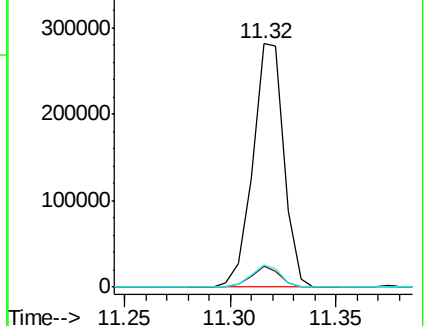
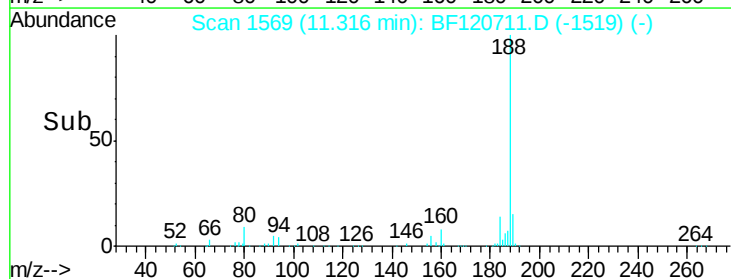
80 9.3 7.4 11.2

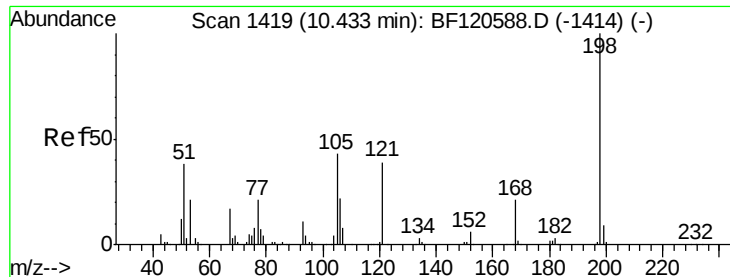


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

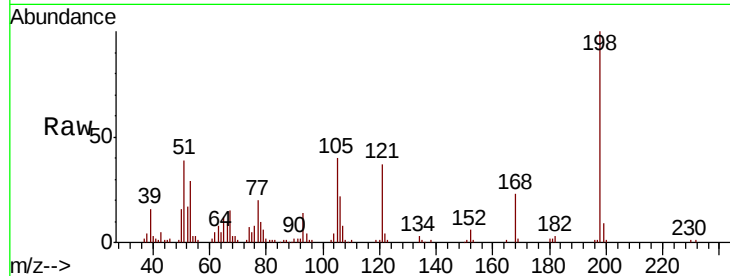




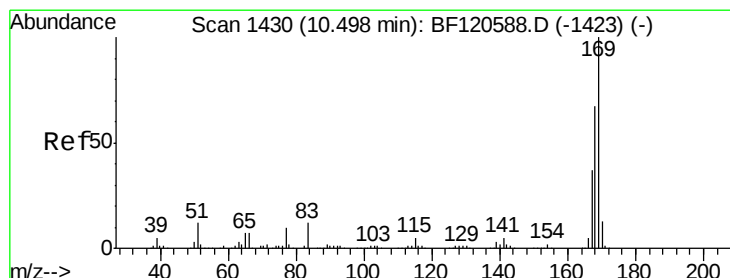
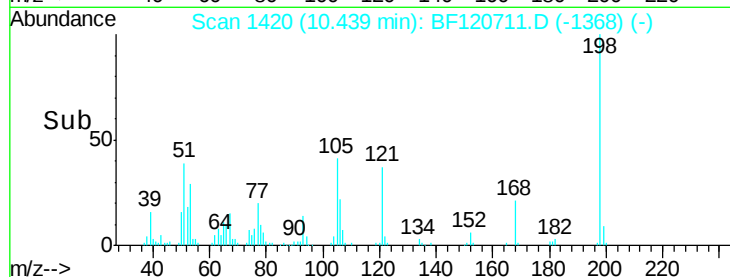
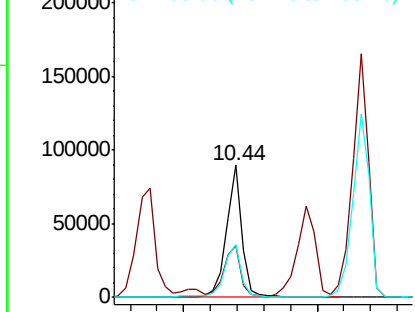
#65
4,6-Dinitro-2-methylphenol
Concen: 42.693 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:198 Resp: 74082
Ion Ratio Lower Upper
198 100
51 38.8 24.8 64.8
105 40.3 23.9 63.9

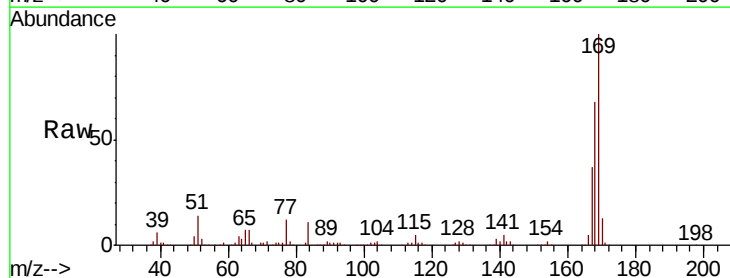


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

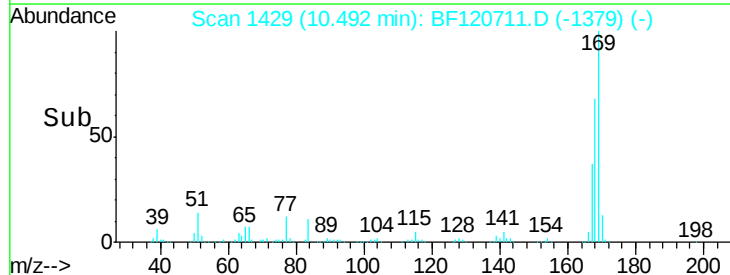
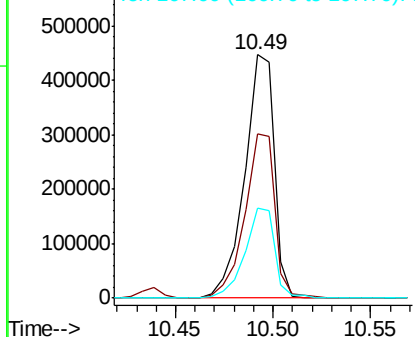


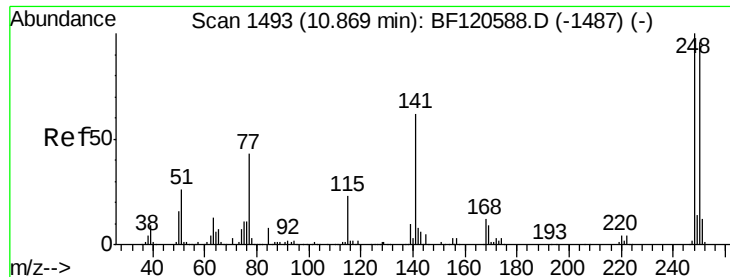
#66
n-Nitrosodiphenylamine
Concen: 52.900 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:169 Resp: 469784
Ion Ratio Lower Upper
169 100
168 67.7 53.7 80.5
167 36.8 29.9 44.9



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

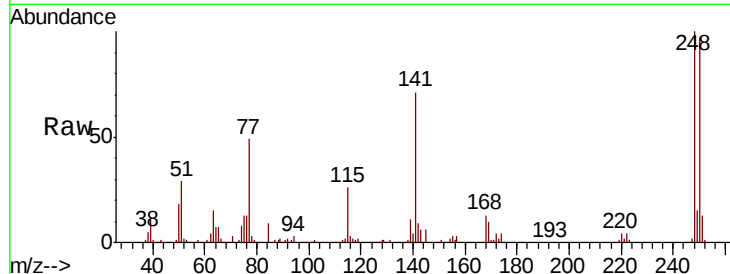




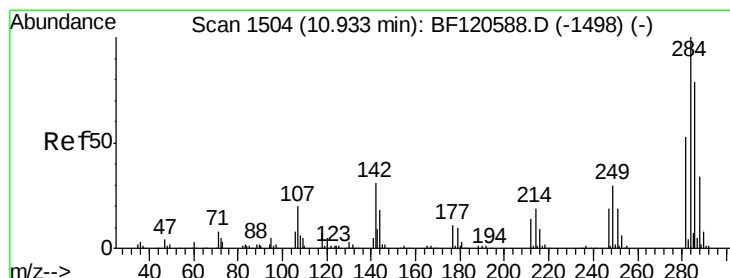
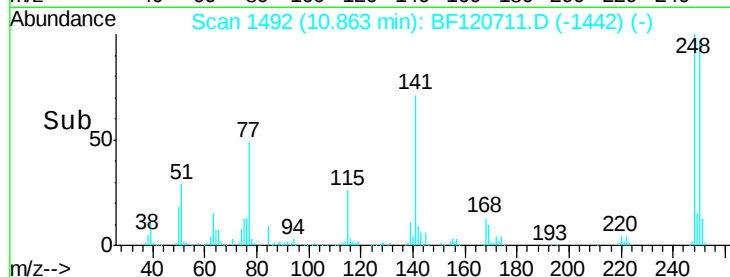
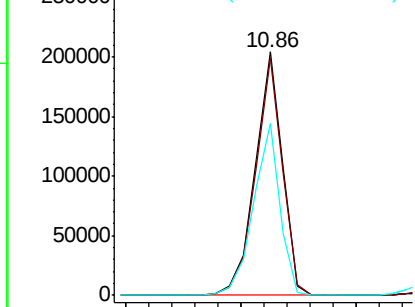
#67
4-Bromophenyl-phenylether
Concen: 51.167 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

Tot Ion:248 Resp: 167928
Ion Ratio Lower Upper
248 100
250 97.3 76.7 115.1
141 70.5 49.4 74.0

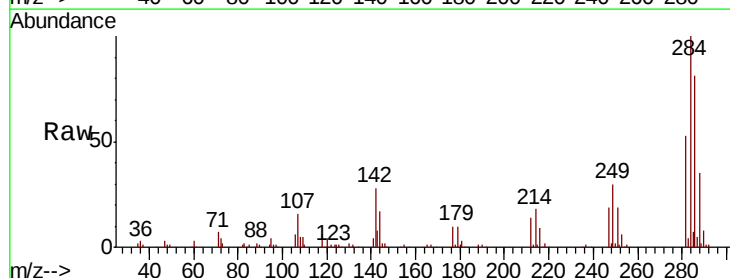


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

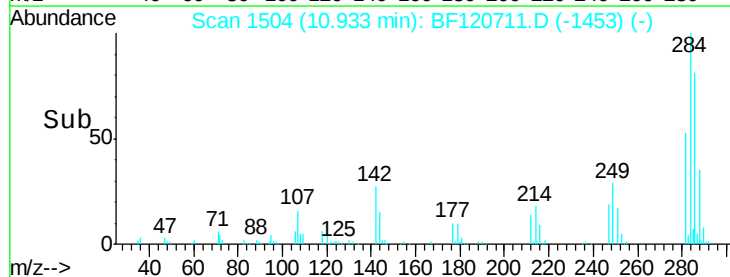
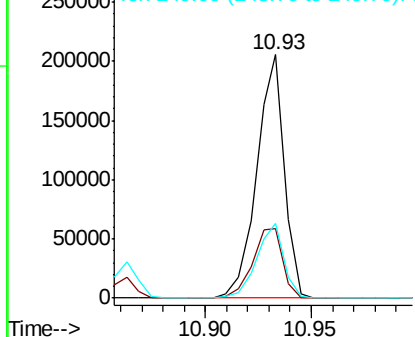


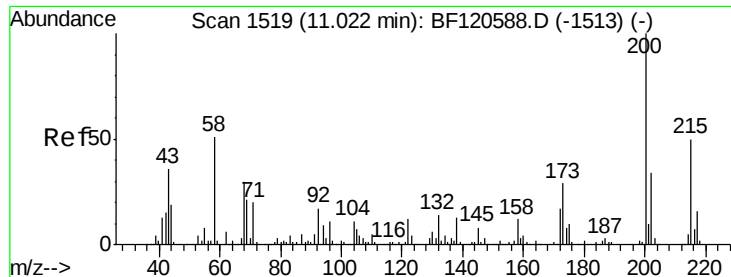
#68
Hexachlorobenzene
Concen: 52.642 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:284 Resp: 185757
Ion Ratio Lower Upper
284 100
142 28.3 25.1 37.7
249 30.4 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

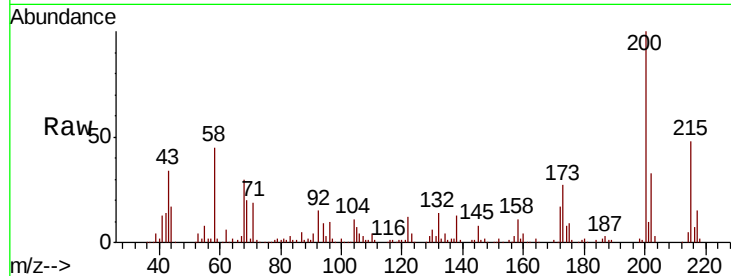




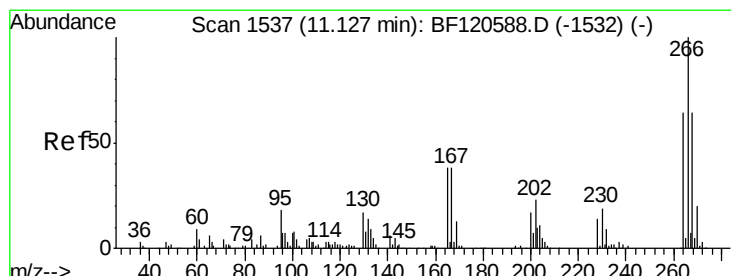
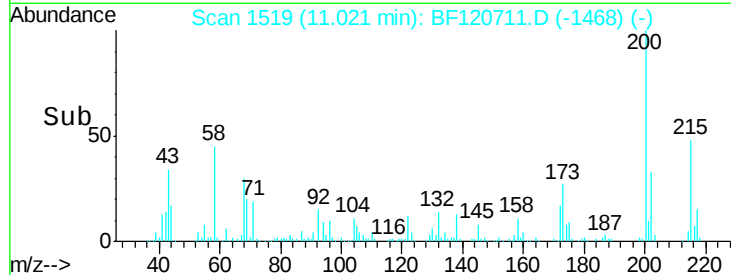
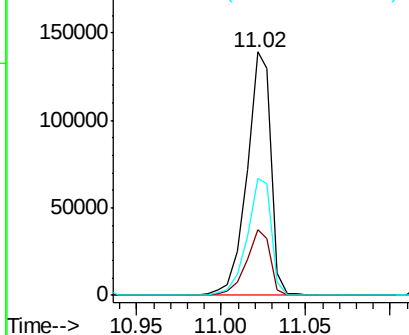
#69
 Atrazine
 Concen: 50.296 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion:200 Resp: 138218
 Ion Ratio Lower Upper
 200 100
 173 27.0 9.1 49.1
 215 47.9 29.8 69.8

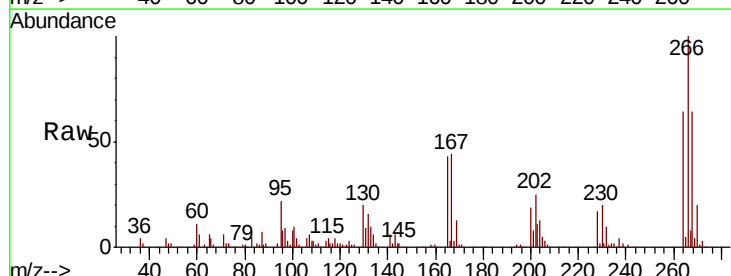


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

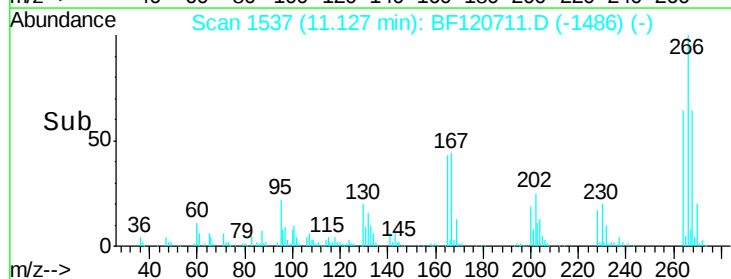
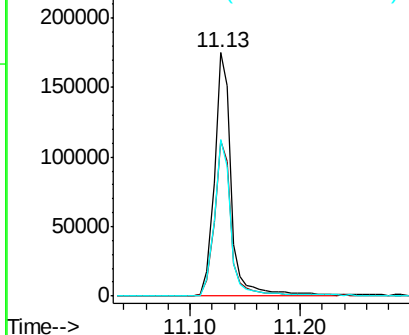


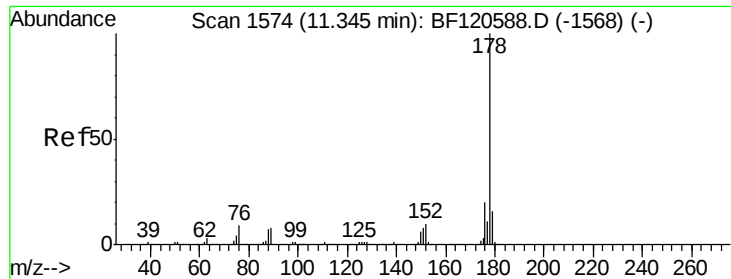
#70
 Pentachlorophenol
 Concen: 94.109 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion:266 Resp: 184622
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.4 77.0
 264 64.1 50.8 76.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.919 ng

RT: 11.34 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

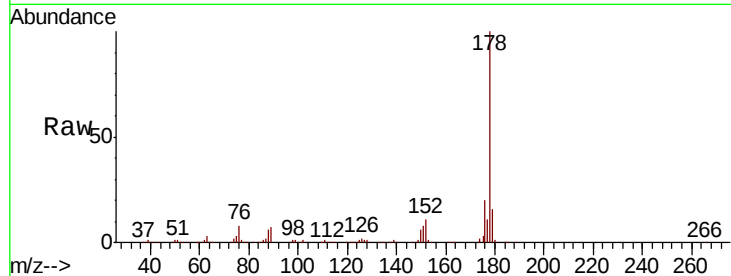
Tot Ion:178 Resp: 775101

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

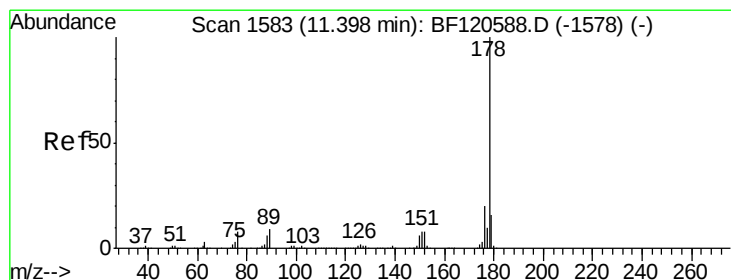
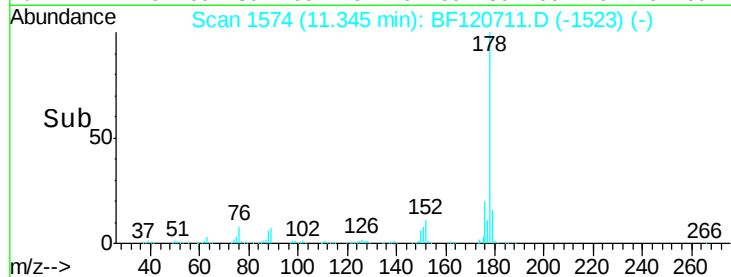
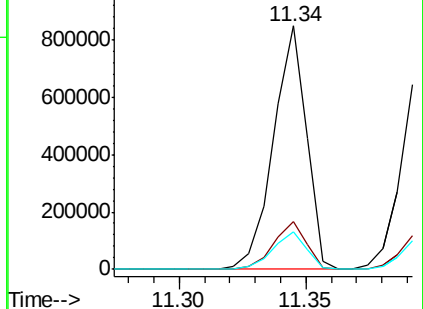
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 55.204 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

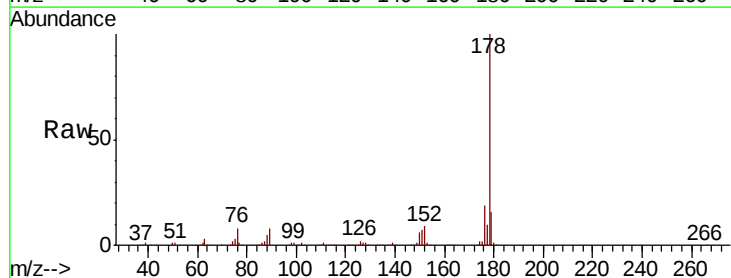
Tgt Ion:178 Resp: 799903

Ion Ratio Lower Upper

178 100

176 18.9 15.6 23.4

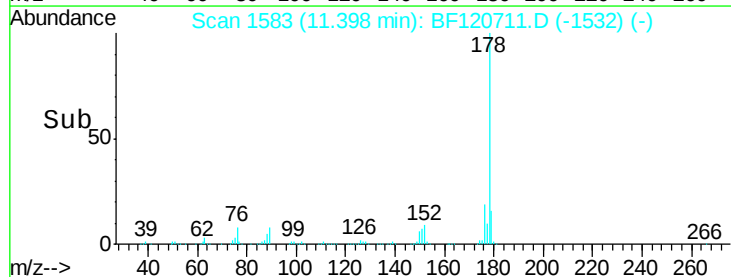
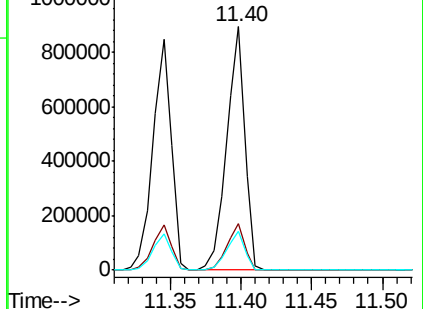
179 15.8 12.9 19.3

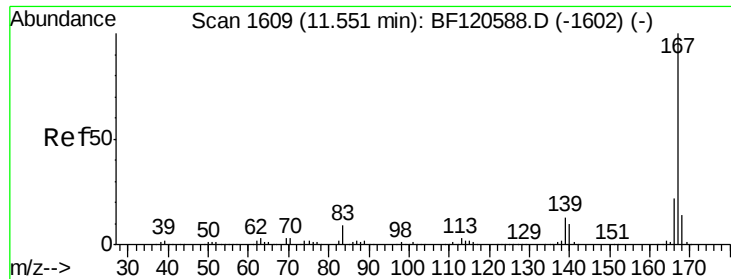


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

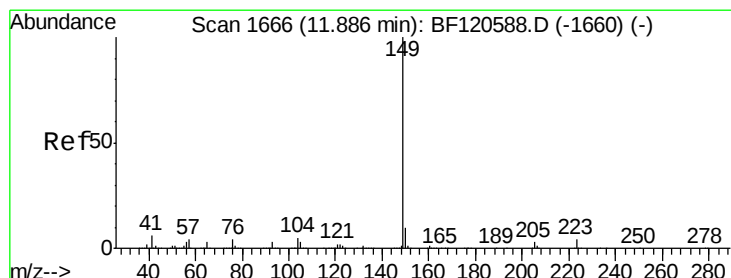
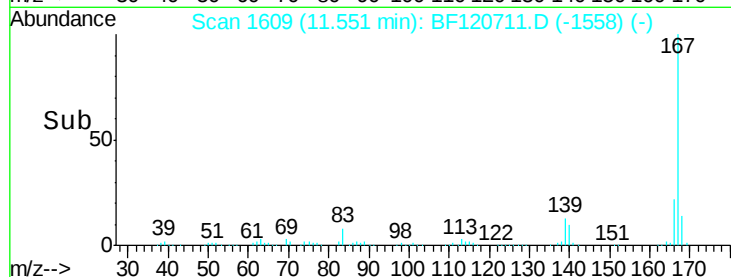
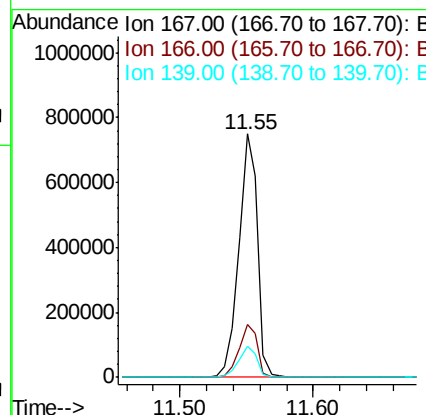
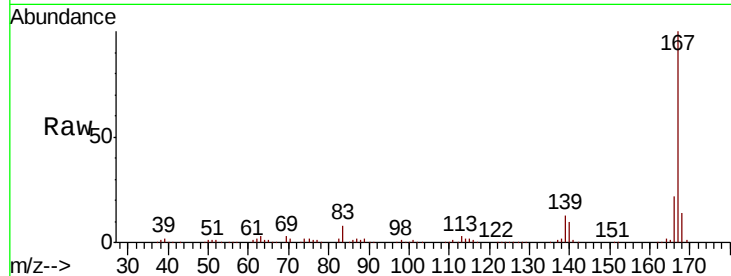




#73
 Carbazole
 Concen: 51.215 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

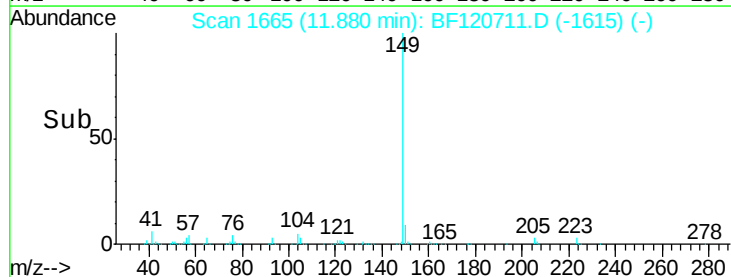
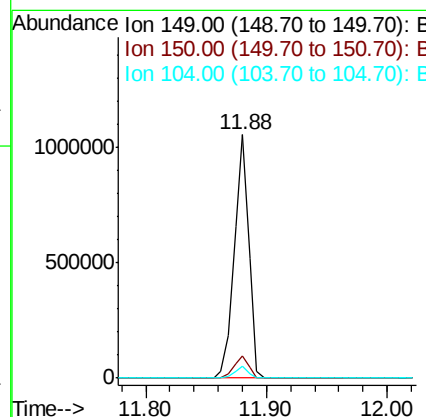
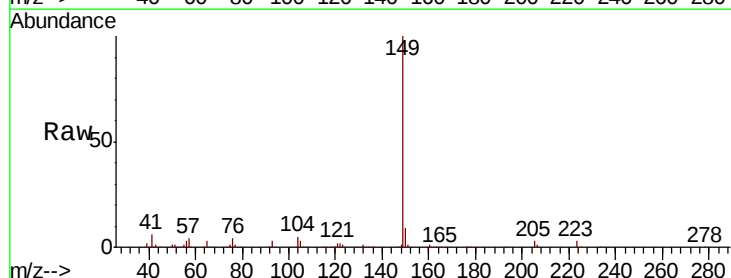
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

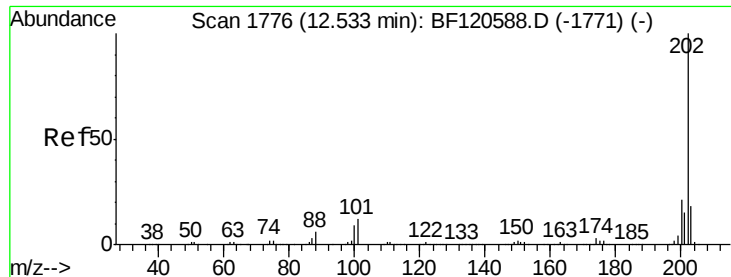
Tot Ion:167 Resp: 734606
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.8 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 54.403 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion:149 Resp: 877278
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 4.7 3.7 5.5

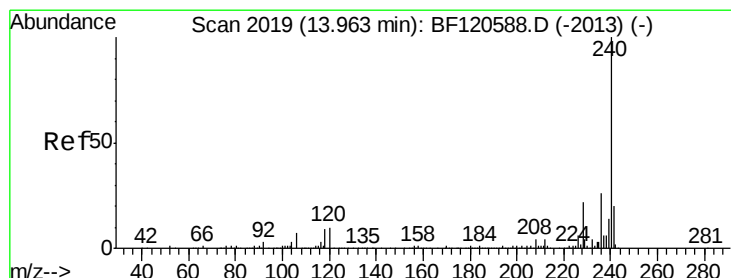
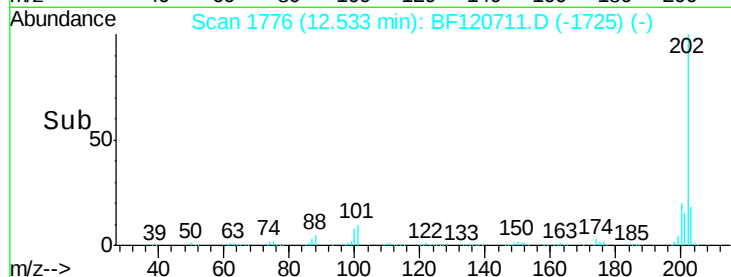
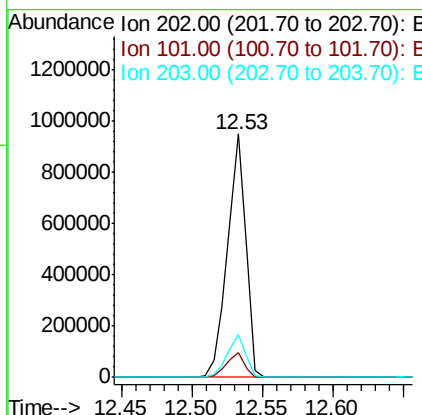
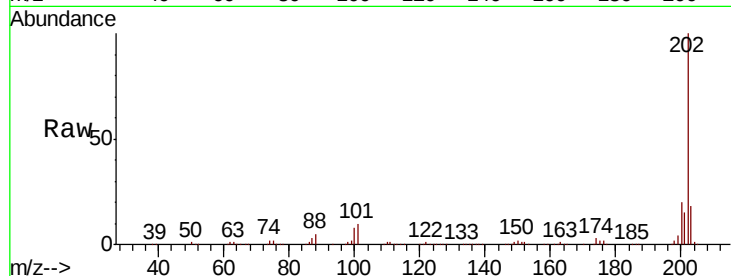




#75
 Fluoranthene
 Concen: 52.321 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

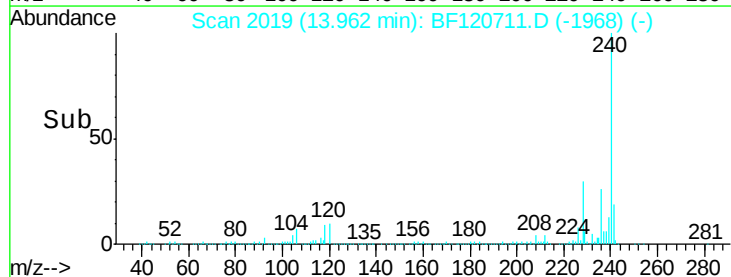
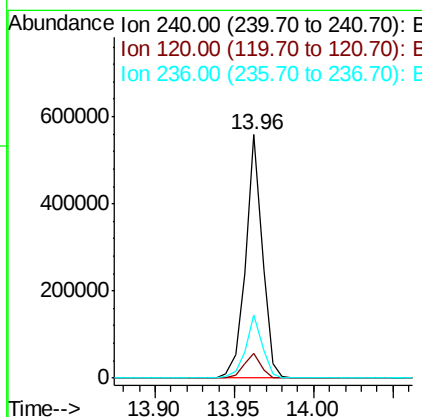
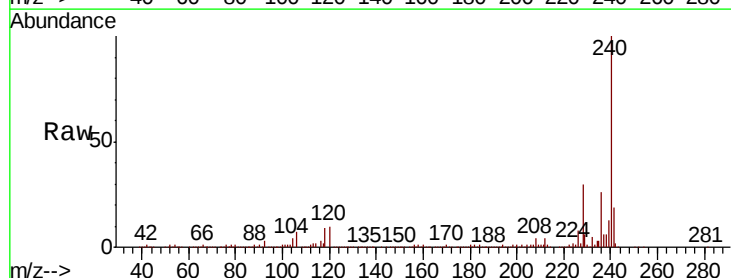
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

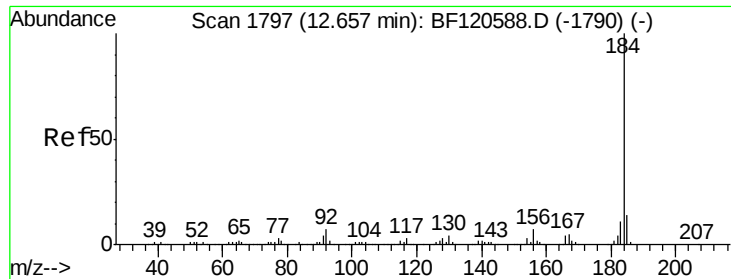
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.0
203	17.6	0.0	38.3



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	25.8	21.0	31.4





#77

Benzidine

Concen: 16.644 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

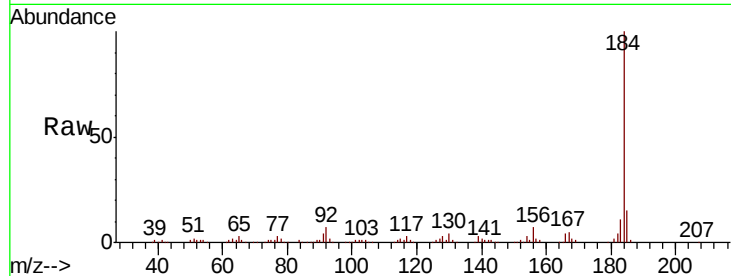
Tot Ion:184 Resp: 229104

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

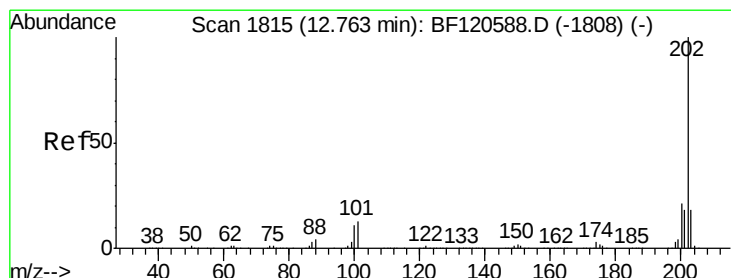
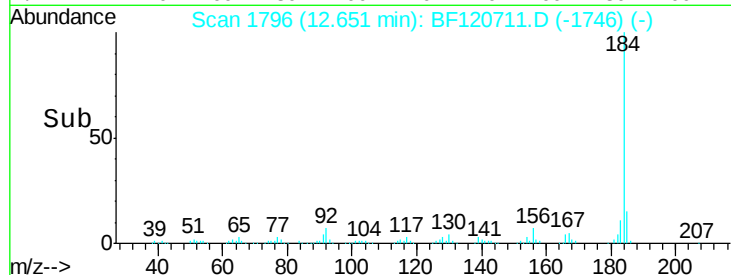
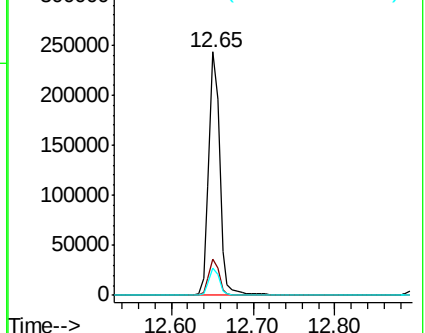
183 11.0 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 30.295 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

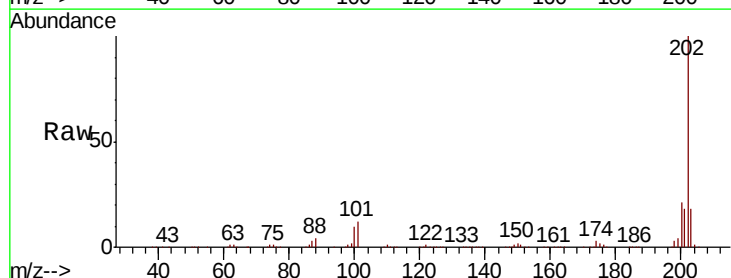
Tgt Ion:202 Resp: 873484

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

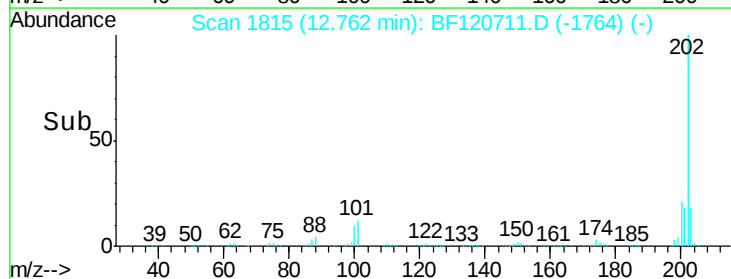
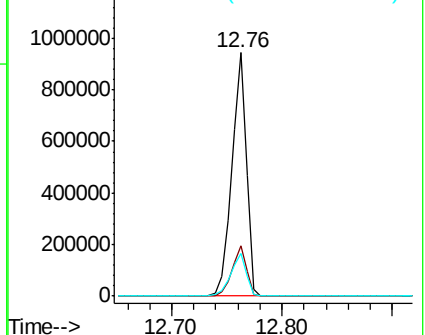
203 17.5 14.3 21.5

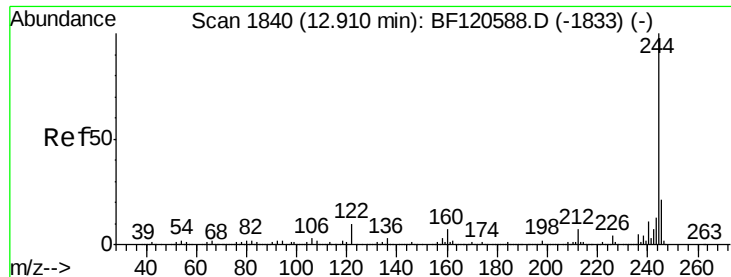


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.425 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

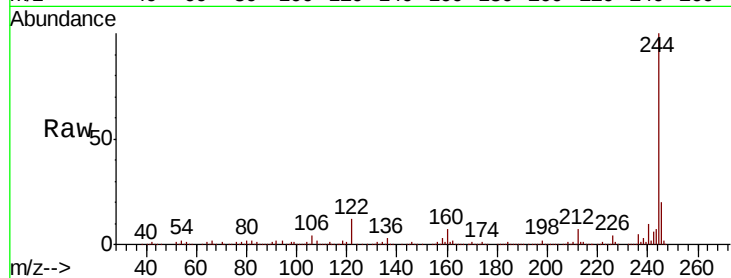
Tot Ion:244 Resp: 1205502

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

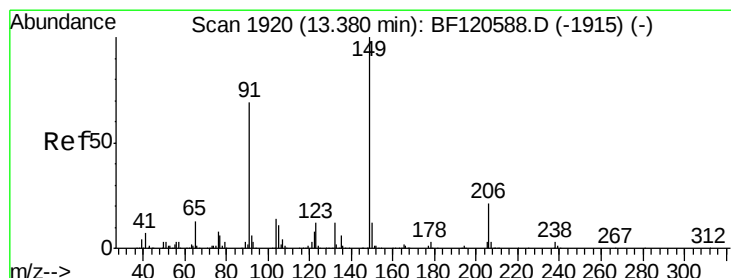
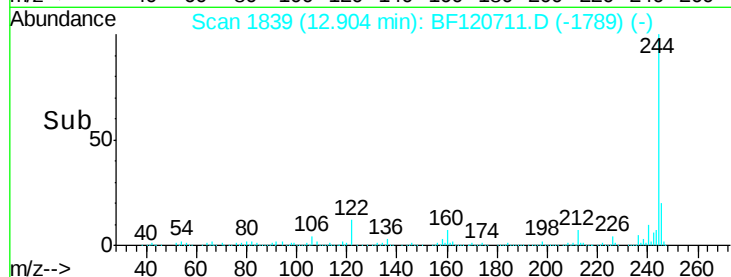
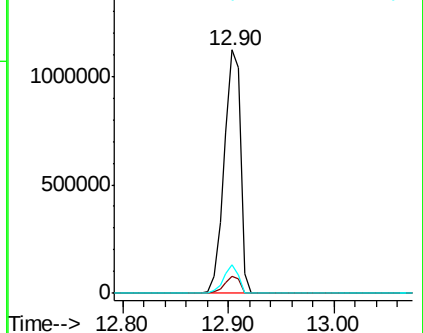
122 11.6 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.994 ng

RT: 13.38 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

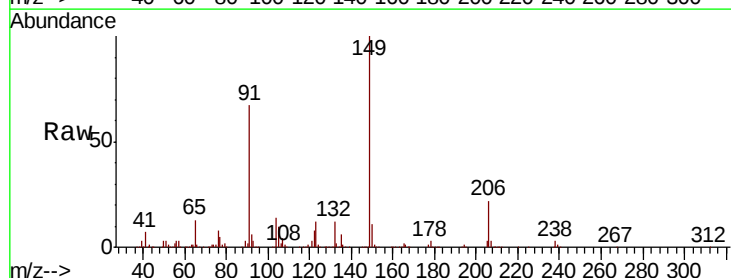
Tgt Ion:149 Resp: 614458

Ion Ratio Lower Upper

149 100

91 66.5 55.4 83.0

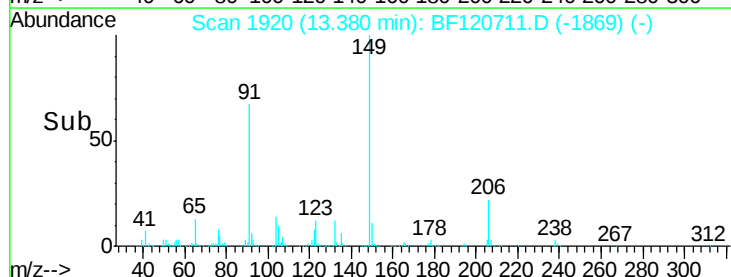
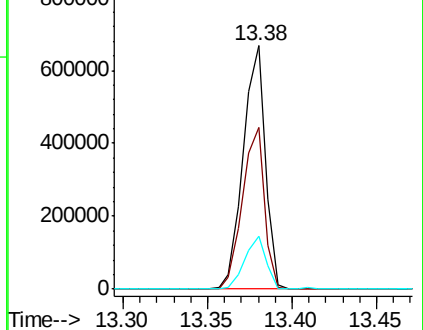
206 21.6 17.0 25.4

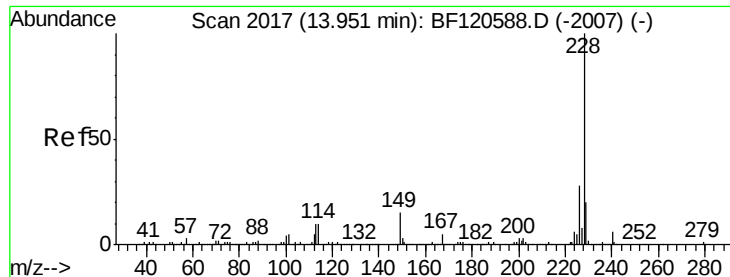


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.604 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

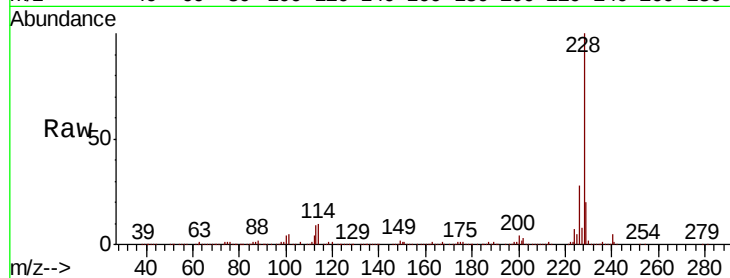
BNA_F

ClientSampleId :

NB-08-061620MSD

Tot Ion:228 Resp: 1212946

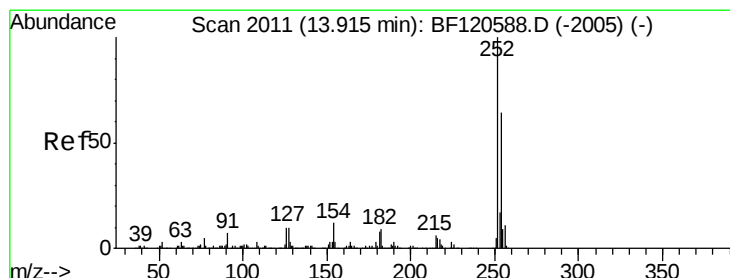
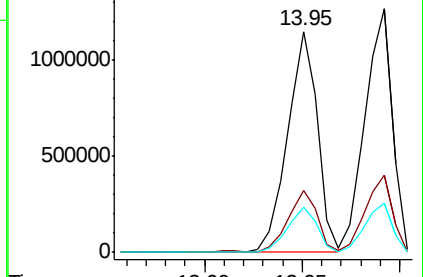
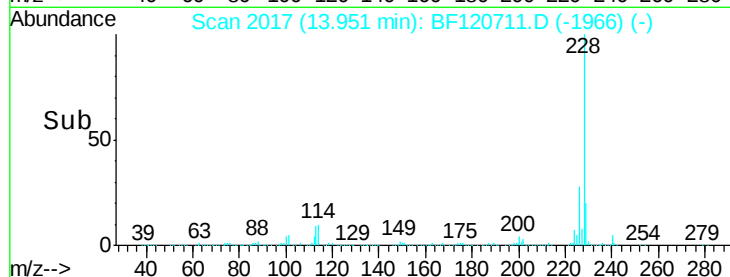
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	20.5	16.1	24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.698 ng

RT: 13.92 min Scan# 2011

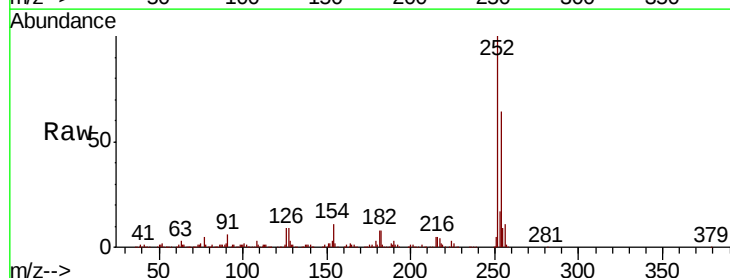
Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Tgt Ion:252 Resp: 342764

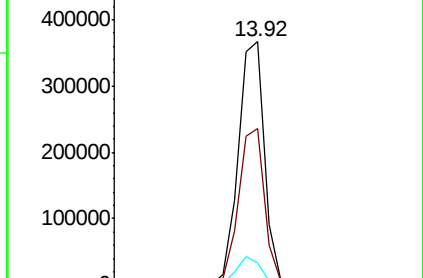
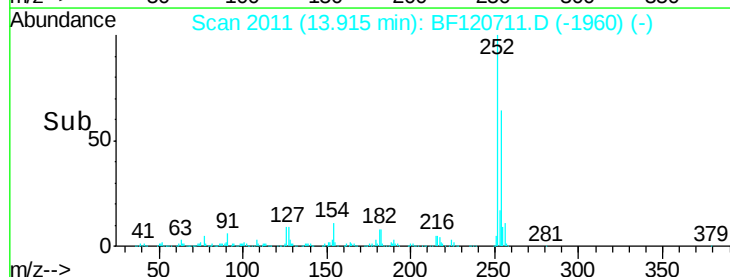
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.2
126	9.0	7.9	11.9

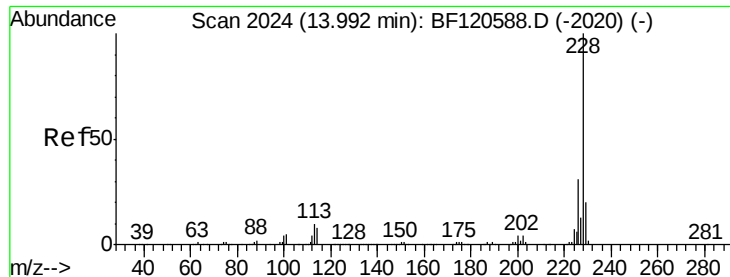


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

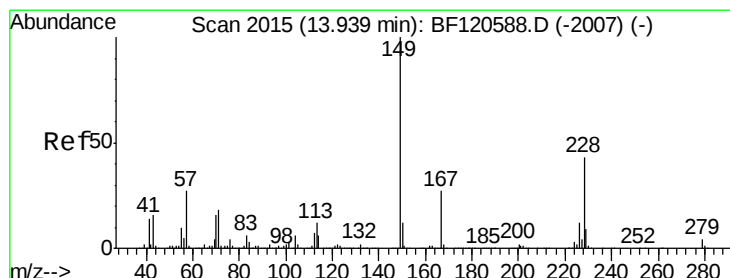
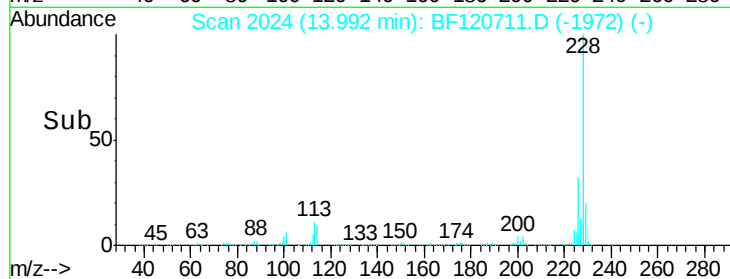
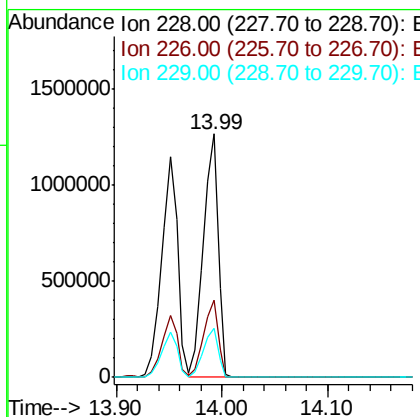
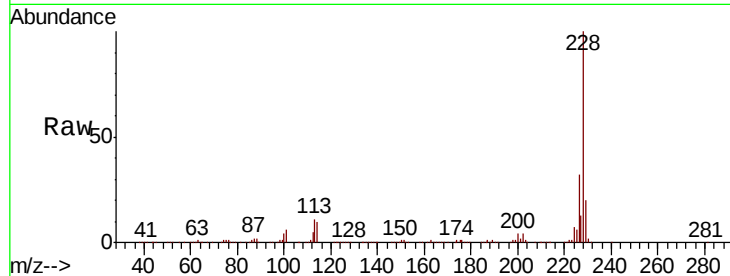




#83
Chrysene
Concen: 48.846 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

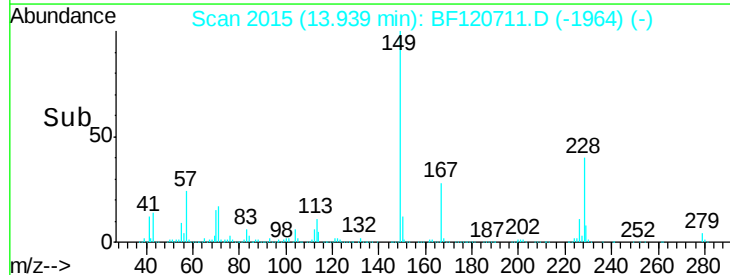
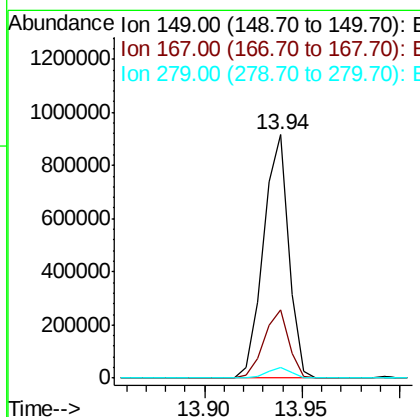
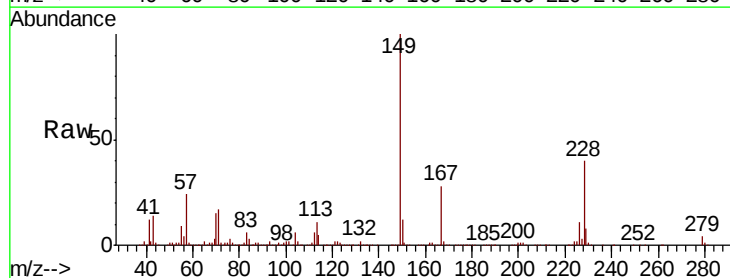
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

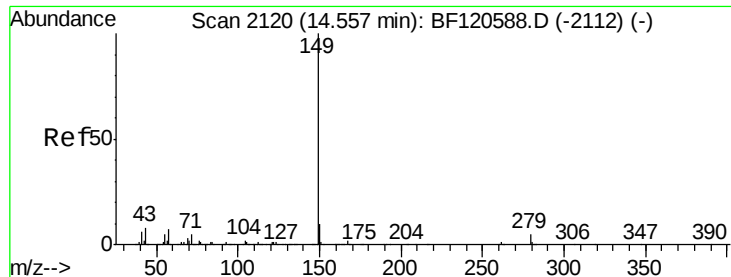
Tot Ion:228 Resp: 1225152
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 20.4 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.511 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:149 Resp: 820490
Ion Ratio Lower Upper
149 100
167 28.0 22.0 33.0
279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 55.567 ng

RT: 14.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

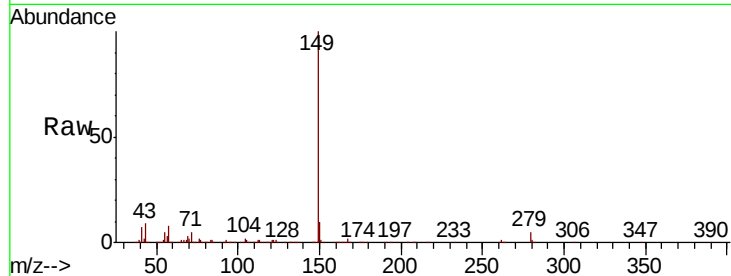
Tot Ion:149 Resp: 1656997

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

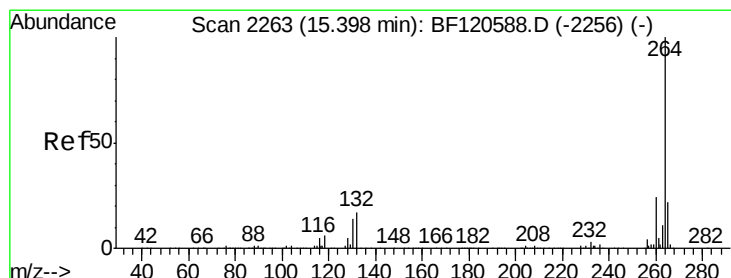
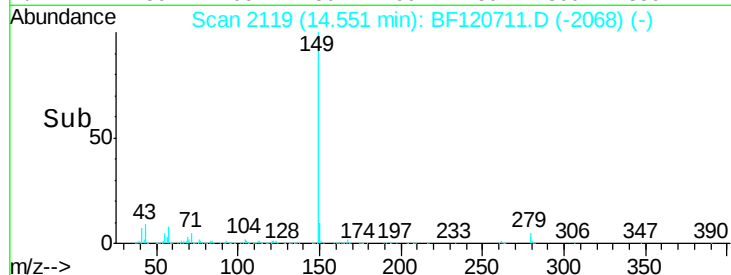
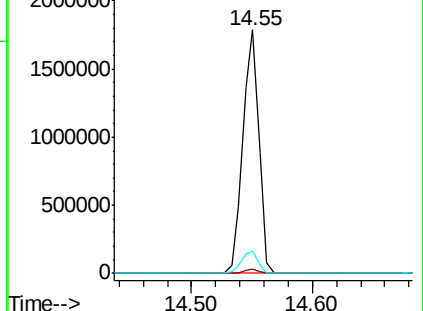
43 9.2 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

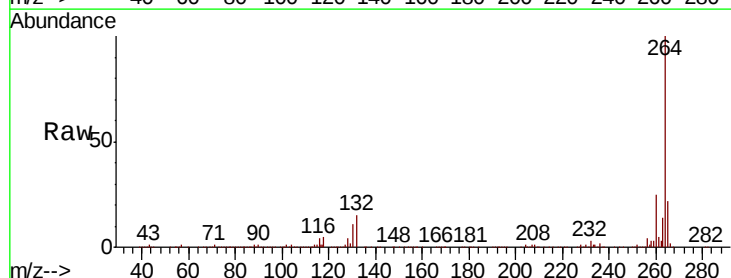
Tgt Ion:264 Resp: 449206

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

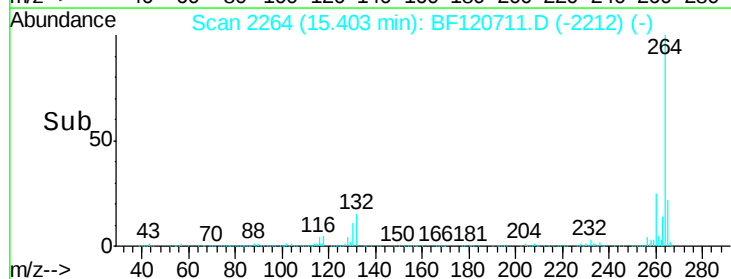
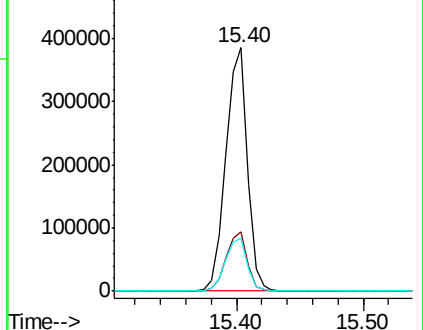
265 21.6 17.8 26.8

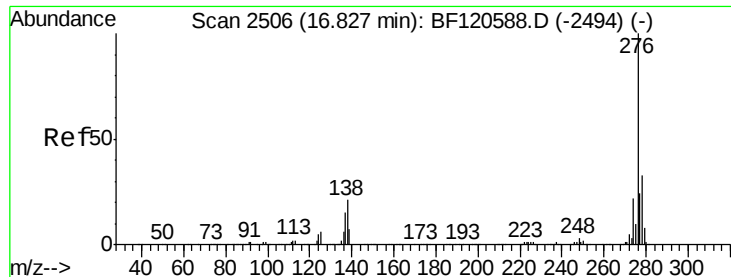


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

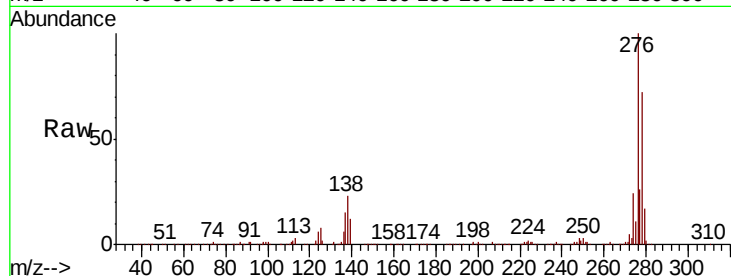




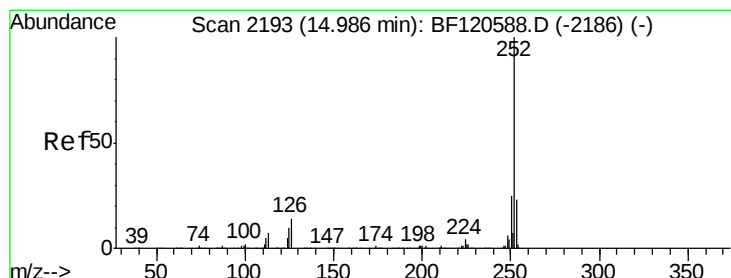
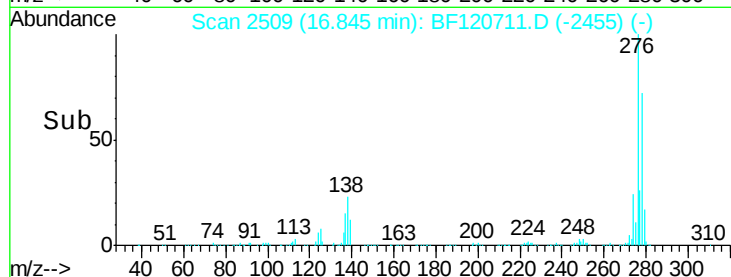
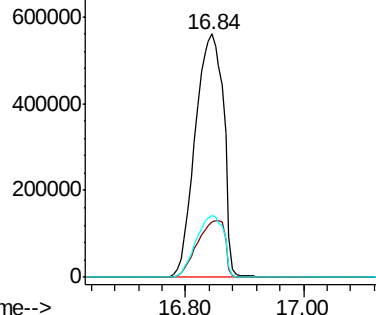
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 68.420 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. 0.02 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-061620MSD

Tot Ion:276 Resp: 1869522
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.9 28.3
 277 25.3 20.2 30.2

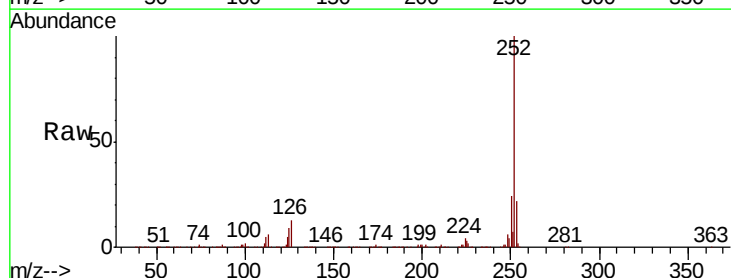


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

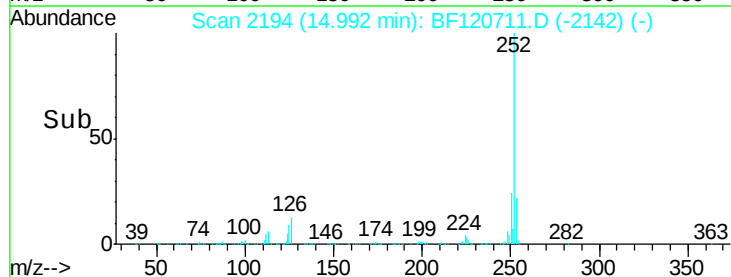
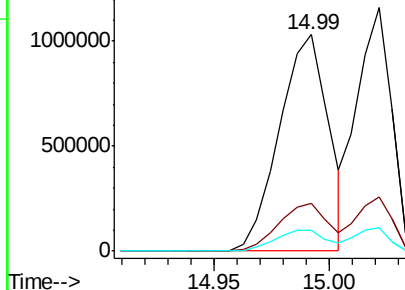


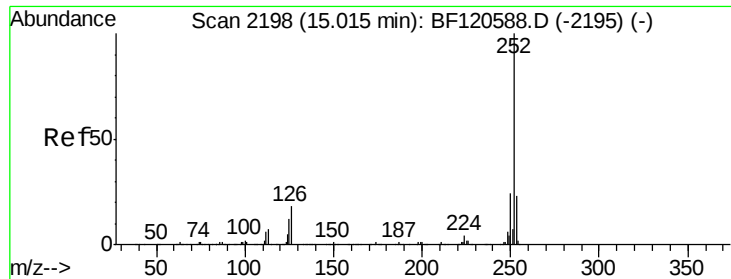
#88
 Benzo(b)fluoranthene
 Concen: 56.740 ng
 RT: 14.99 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: BF120711.D
 Acq: 26 Jun 2020 16:19

Tgt Ion:252 Resp: 1518259
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.1 27.1
 125 9.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

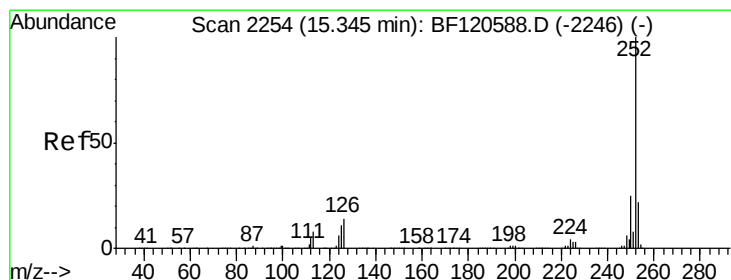
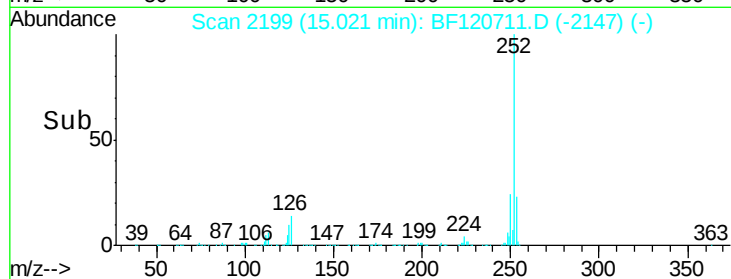
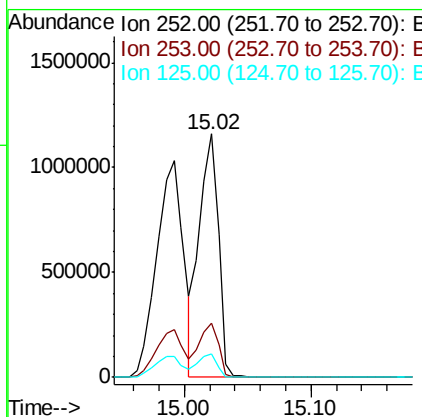
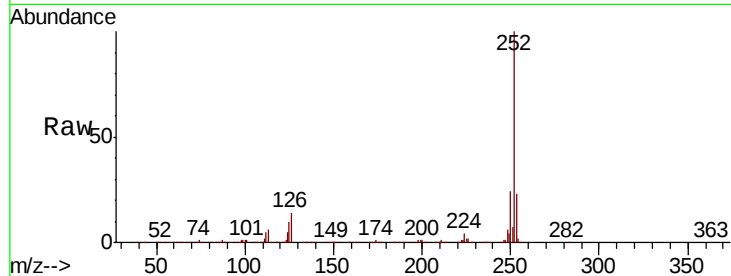




#89
Benzo(k)fluoranthene
Concen: 51.074 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

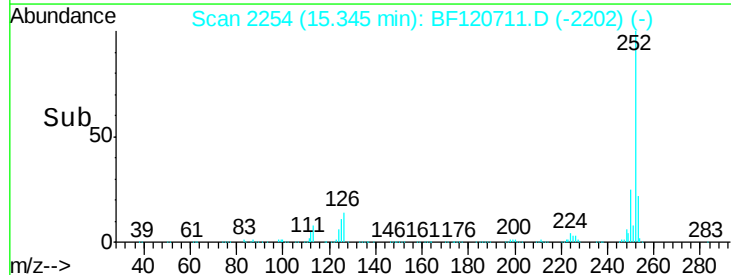
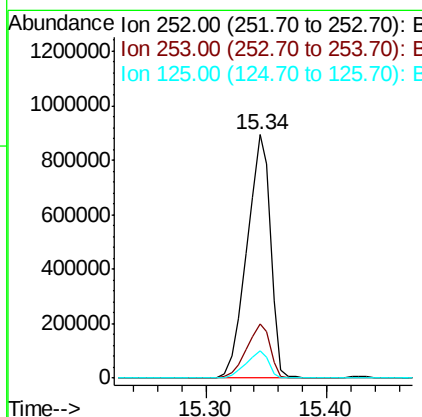
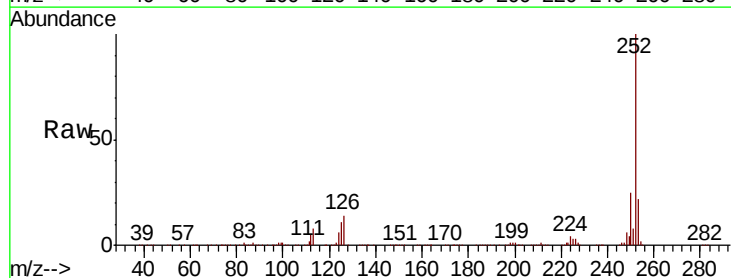
Instrument :
BNA_F
ClientSampleId :
NB-08-061620MSD

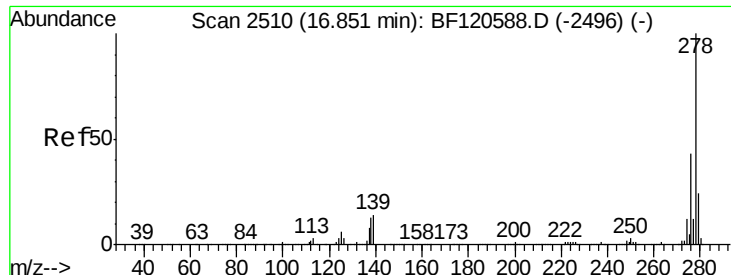
Tot Ion:252 Resp: 1209311
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.8 8.3 12.5



#90
Benzo(a)pyrene
Concen: 51.032 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF120711.D
Acq: 26 Jun 2020 16:19

Tgt Ion:252 Resp: 1222102
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 11.1 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 67.670 ng

RT: 16.86 min Scan# 2512

Delta R.T. 0.02 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

Instrument :

BNA_F

ClientSampleId :

NB-08-061620MSD

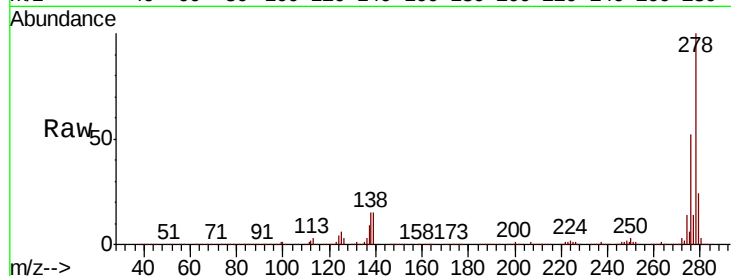
Tot Ion:278 Resp: 1482750

Ion Ratio Lower Upper

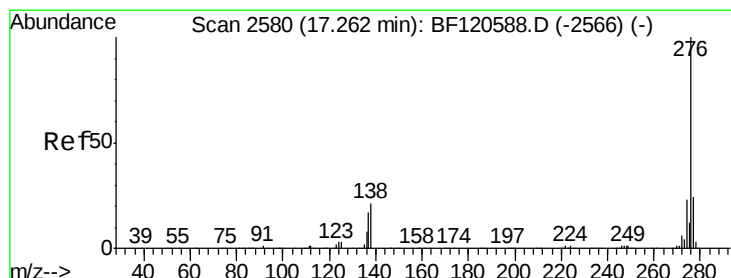
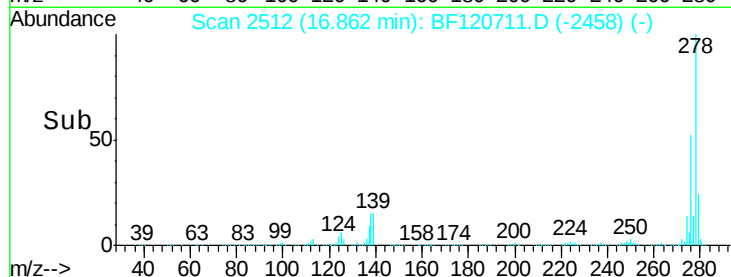
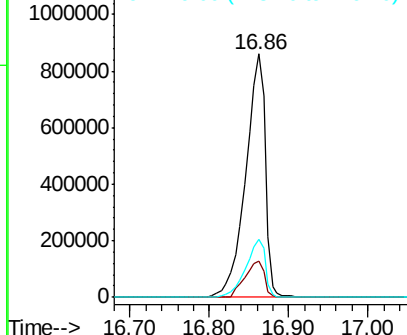
278 100

139 15.0 11.4 17.2

279 24.1 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 71.198 ng

RT: 17.28 min Scan# 2583

Delta R.T. 0.02 min

Lab File: BF120711.D

Acq: 26 Jun 2020 16:19

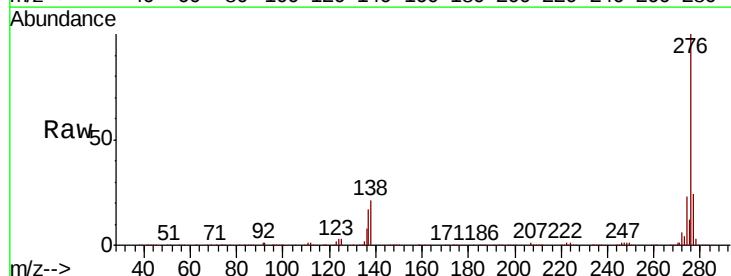
Tgt Ion:276 Resp: 1572471

Ion Ratio Lower Upper

276 100

277 24.0 19.6 29.4

138 20.5 16.5 24.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

