

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121400.D
 Acq On : 24 Aug 2020 15:27
 Operator : JU/CG
 Sample : PB131155BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Quant Time: Aug 24 16:04:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	173100	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	669386	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	353453	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	665529	20.00	ng	0.00
76) Chrysene-d12	13.86	240	509547	20.00	ng	0.00
86) Perylene-d12	15.27	264	545598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	983561	93.17	ng	0.02
7) Phenol-d6	6.35	99	1212271	89.95	ng	0.00
23) Nitrobenzene-d5	7.27	82	1047078	88.47	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	362965	88.12	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1680754	92.41	ng	0.00
79) Terphenyl-d14	12.80	244	1574758	60.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.47	88	183124	38.334	ng	99
3) Pyridine	3.17	79	412070	32.140	ng	99
4) n-Nitrosodimethylamine	3.13	42	208201	39.897	ng	99
6) Aniline	6.36	93	441073	28.345	ng	86
8) 2-Chlorophenol	6.49	128	425074	38.526	ng	94
9) Benzaldehyde	6.25	77	260270	34.330	ng	98
10) Phenol	6.36	94	489645	34.652	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	416834	38.302	ng	99
12) 1,3-Dichlorobenzene	6.64	146	453438	36.681	ng	100
13) 1,4-Dichlorobenzene	6.72	146	457762	36.682	ng	100
14) 1,2-Dichlorobenzene	6.87	146	402472	33.866	ng	97
15) Benzyl Alcohol	6.85	79	291526	35.953	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	563085	35.140	ng	98
17) 2-Methylphenol	6.97	107	351229	38.580	ng	97
18) Hexachloroethane	7.20	117	170879	36.775	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	272255	37.564	ng	99
20) 3+4-Methylphenols	7.12	107	411314	45.755	ng	# 80
22) Acetophenone	7.12	105	574333	36.699	ng	# 100
24) Nitrobenzene	7.29	77	443397	36.757	ng	94
25) Isophorone	7.53	82	814064	37.794	ng	100
26) 2-Nitrophenol	7.60	139	243358	39.335	ng	98
27) 2,4-Dimethylphenol	7.65	122	384925	43.603	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	518498	35.362	ng	100
29) 2,4-Dichlorophenol	7.85	162	362176	37.577	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	392108	35.576	ng	98
31) Naphthalene	8.00	128	1209829	36.315	ng	99
32) Benzoic acid	7.80	122	192747	30.881	ng	100
33) 4-Chloroaniline	8.06	127	337926	22.907	ng	98
34) Hexachlorobutadiene	8.12	225	224412	34.405	ng	100
35) Caprolactam	8.44	113	67722	21.454	ng	98
36) 4-Chloro-3-methylphenol	8.56	107	375307	38.501	ng	97
37) 2-Methylnaphthalene	8.70	142	806391	37.345	ng	99
38) 1-Methylnaphthalene	8.79	142	756758	36.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	376496	35.889	ng	99

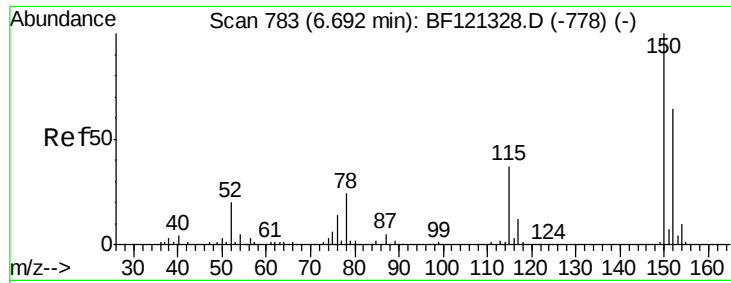
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121400.D
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 QLast Update : Mon Aug 24 11:54:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	321648	77.617	ng	98
43) 2,4,6-Trichlorophenol	8.98	196	255492	35.624	ng	99
44) 2,4,5-Trichlorophenol	9.03	196	272053	36.871	ng	99
46) 1,1'-Biphenyl	9.16	154	962282	36.324	ng	98
47) 2-Chloronaphthalene	9.19	162	749176	34.326	ng	99
48) 2-Nitroaniline	9.29	65	234211	34.083	ng	99
49) Acenaphthylene	9.60	152	1167465	36.013	ng	100
50) Dimethylphthalate	9.46	163	898367	34.936	ng	99
51) 2,6-Dinitrotoluene	9.53	165	201768	36.740	ng	# 86
52) Acenaphthene	9.77	154	687137	34.885	ng	99
53) 3-Nitroaniline	9.70	138	152482	22.195	ng	97
54) 2,4-Dinitrophenol	9.82	184	201390	76.066	ng	99
55) Dibenzofuran	9.95	168	987715	38.508	ng	99
56) 4-Nitrophenol	9.88	139	267335	63.097	ng	100
57) 2,4-Dinitrotoluene	9.94	165	230382	34.387	ng	96
58) Fluorene	10.29	166	768706	41.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	235502	37.337	ng	99
60) Diethylphthalate	10.16	149	867654	34.554	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	376751	39.726	ng	100
62) 4-Nitroaniline	10.32	138	223448	31.744	ng	99
63) Azobenzene	10.44	77	821673	35.231	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	144494	40.597	ng	99
66) n-Nitrosodiphenylamine	10.40	169	739959	36.045	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	256442	34.737	ng	99
68) Hexachlorobenzene	10.83	284	289246	33.990	ng	97
69) Atrazine	10.93	200	215290	33.854	ng	99
70) Pentachlorophenol	11.03	266	287535	75.943	ng	99
71) Phenanthrene	11.24	178	1160196	33.683	ng	100
72) Anthracene	11.30	178	1193529	35.983	ng	100
73) Carbazole	11.46	167	1130539	35.714	ng	100
74) Di-n-butylphthalate	11.78	149	1312374	34.380	ng	100
75) Fluoranthene	12.43	202	1274846	34.099	ng	100
77) Benzidine	12.56	184	734503	52.321	ng	99
78) Pyrene	12.66	202	1301621	34.007	ng	99
80) Butylbenzylphthalate	13.28	149	569715	34.640	ng	99
81) Benzo(a)anthracene	13.85	228	1082598	34.207	ng	100
82) 3,3'-Dichlorobenzidine	13.81	252	330818	27.225	ng	98
83) Chrysene	13.89	228	1092842	33.763	ng	99
84) Bis(2-ethylhexyl)phthalate	13.84	149	701417	36.265	ng	99
85) Di-n-octyl phthalate	14.44	149	1305104	36.462	ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1236541	37.128	ng	100
88) Benzo(b)fluoranthene	14.87	252	1193640	33.864	ng	99
89) Benzo(k)fluoranthene	14.90	252	1029893	33.193	ng	99
90) Benzo(a)pyrene	15.22	252	1044943	34.310	ng	99
91) Dibenzo(a,h)anthracene	16.66	278	1007180	36.884	ng	98
92) Benzo(g,h,i)perylene	17.06	276	1055614	39.542	ng	99

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

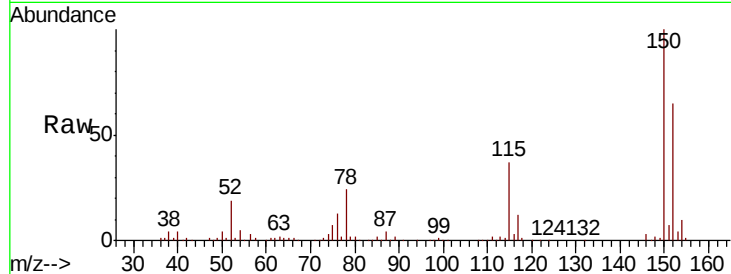


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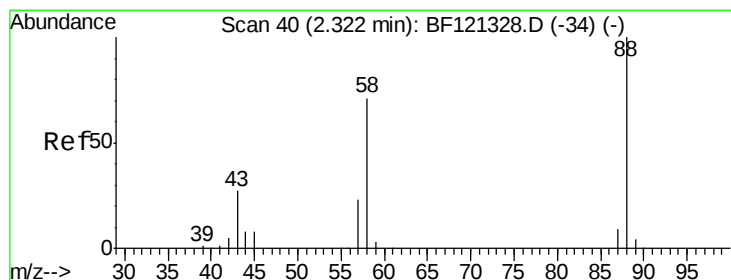
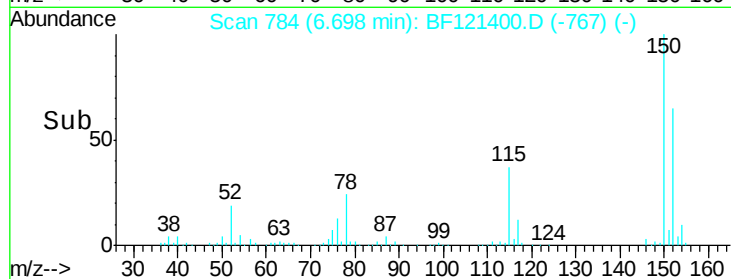
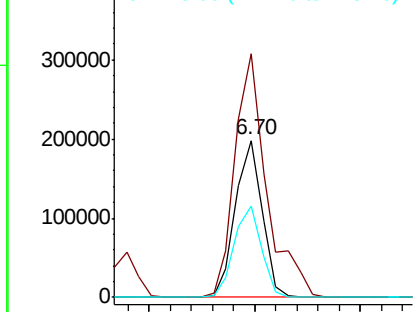
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion:152 Resp: 173100
 Ion Ratio Lower Upper
 152 100
 150 155.0 125.4 188.0
 115 58.1 47.0 70.6



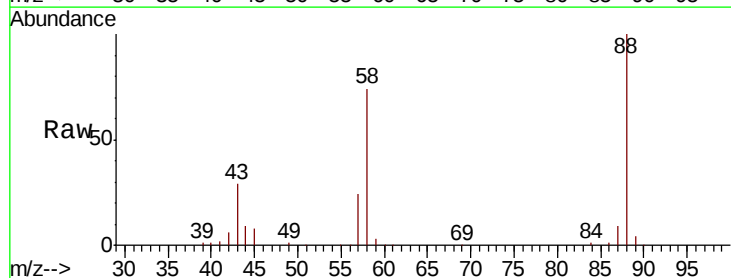
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



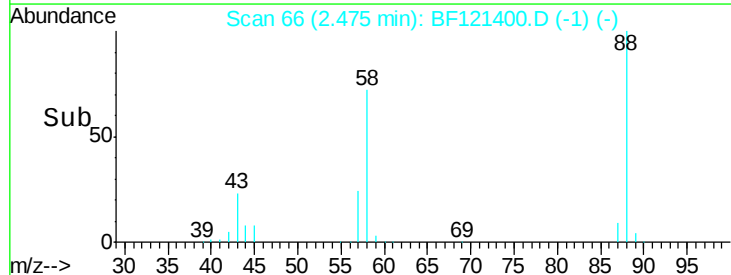
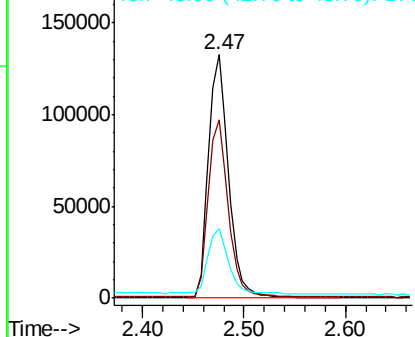
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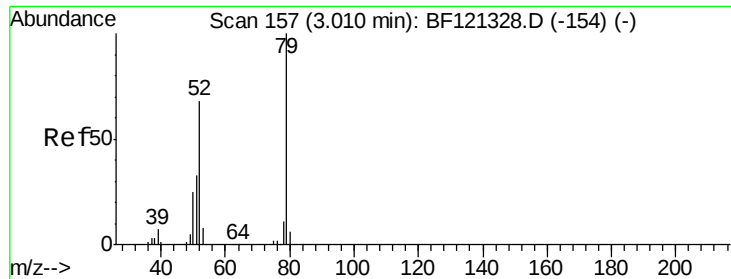
1,4-Dioxane
 Concen: 38.334 ng
 RT: 2.47 min Scan# 66
 Delta R.T. 0.14 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion: 88 Resp: 183124
 Ion Ratio Lower Upper
 88 100
 58 71.9 58.6 88.0
 43 28.3 22.4 33.6



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





#3

Pvridine

Concen: 32.140 ng

RT: 3.17 min Scan# 184

Delta R.T. 0.14 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

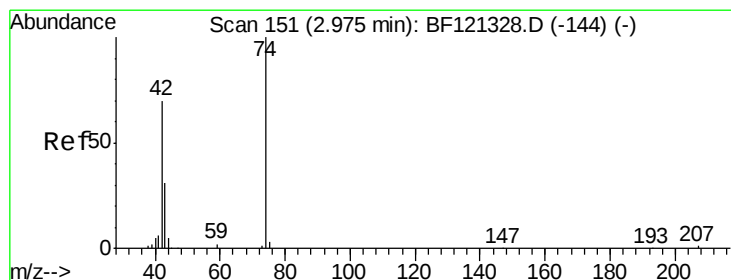
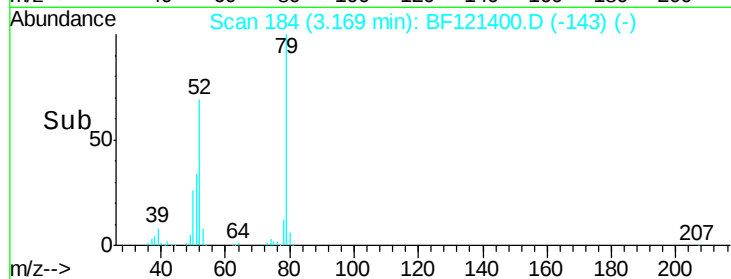
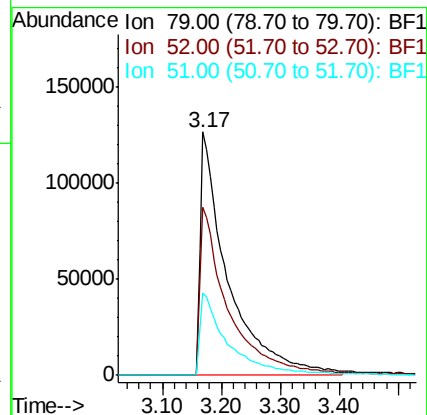
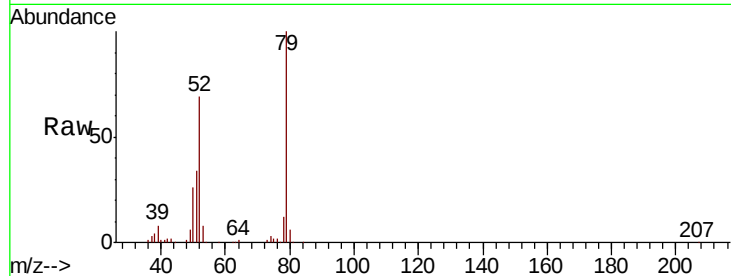
Tot Ion: 79 Resp: 412070

Ion Ratio Lower Upper

79 100

52 68.8 55.8 83.8

51 34.1 27.1 40.7



#4

n-Nitrosodimethylamine

Concen: 39.897 ng

RT: 3.13 min Scan# 177

Delta R.T. 0.14 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

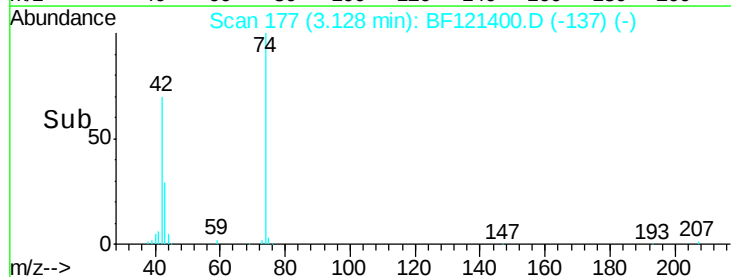
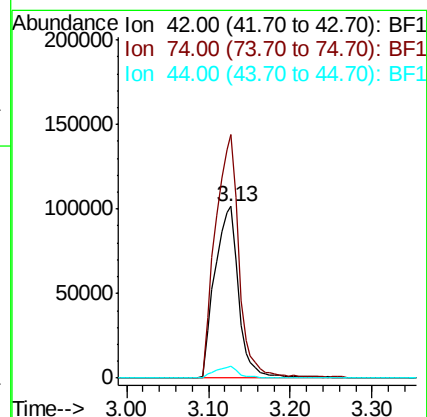
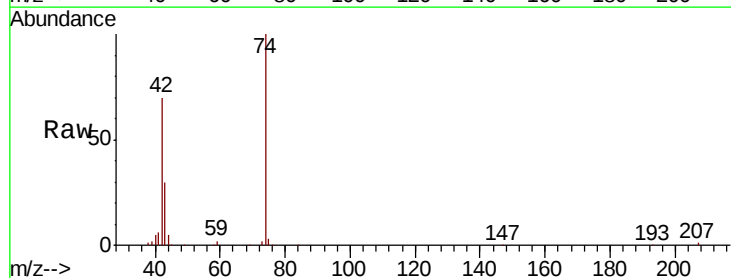
Tgt Ion: 42 Resp: 208201

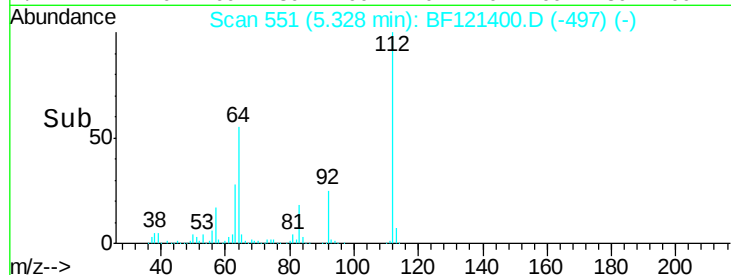
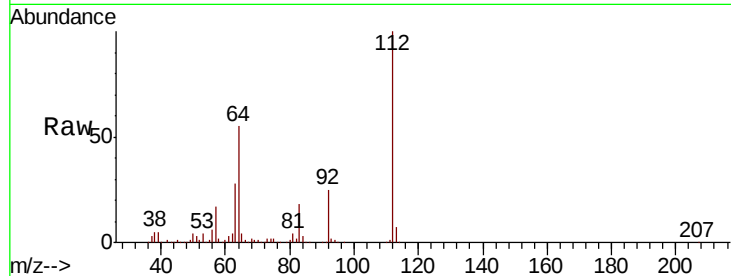
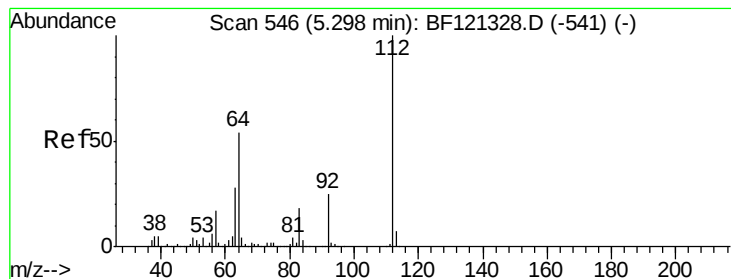
Ion Ratio Lower Upper

42 100

74 142.1 114.6 171.8

44 6.8 5.6 8.4





#5

2-Fluorophenol

Concen: 93.170 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.02 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

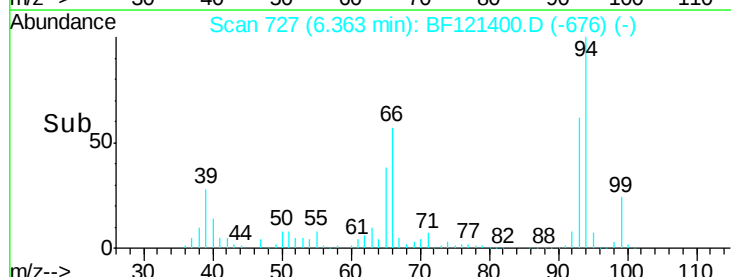
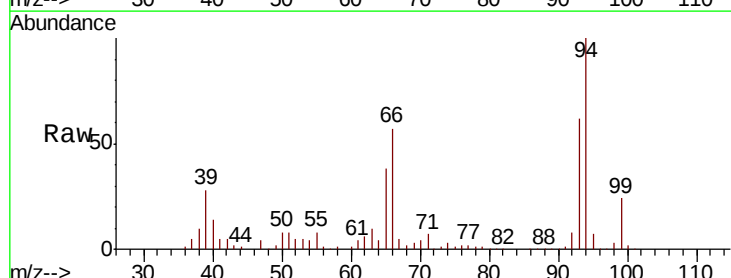
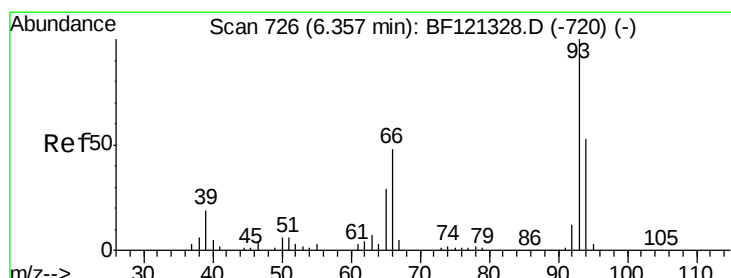
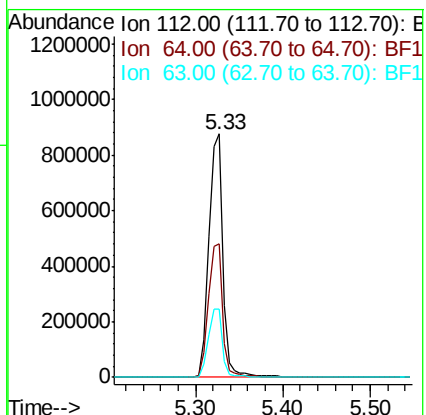
Tot Ion:112 Resp: 983561

Ion Ratio Lower Upper

112 100

64 54.8 42.2 63.4

63 28.2 21.4 32.2



#6

Aniline

Concen: 28.345 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

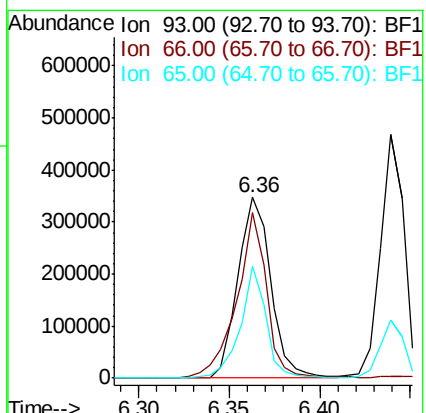
Tgt Ion: 93 Resp: 441073

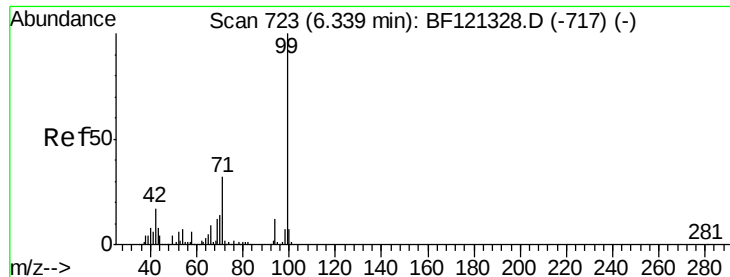
Ion Ratio Lower Upper

93 100

66 91.5 63.2 94.8

65 61.8 42.1 63.1





#7

Phenol-d6

Concen: 89.955 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

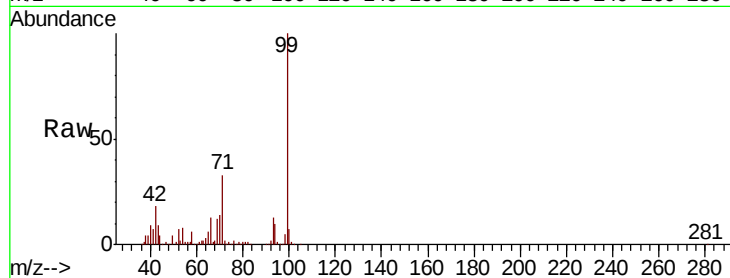
Tot Ion: 99 Resp: 1212271

Ion Ratio Lower Upper

99 100

42 18.0 13.9 20.9

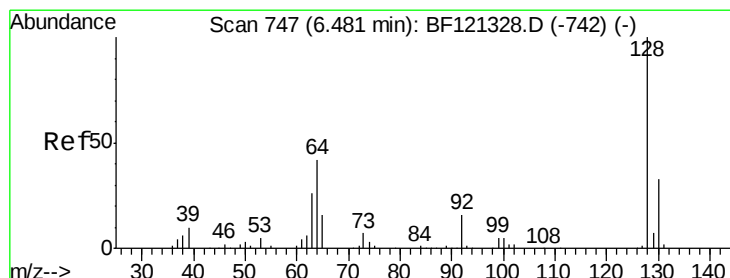
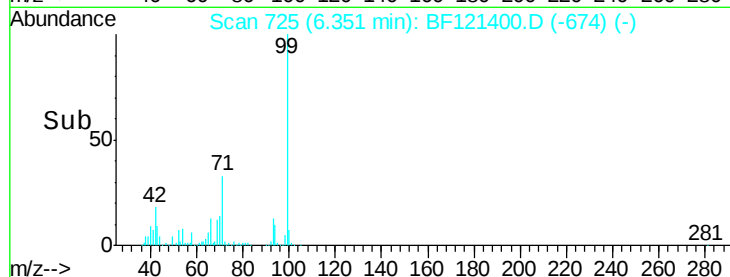
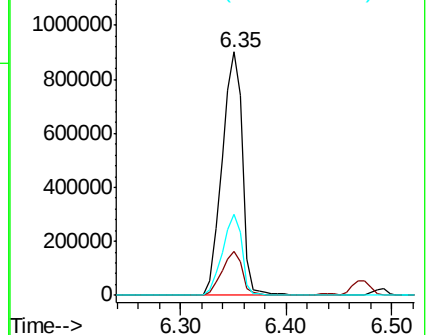
71 33.1 25.5 38.3



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: 38.526 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

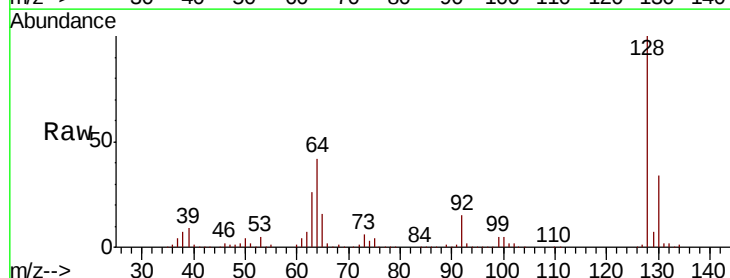
Tgt Ion: 128 Resp: 425074

Ion Ratio Lower Upper

128 100

130 33.7 11.8 51.8

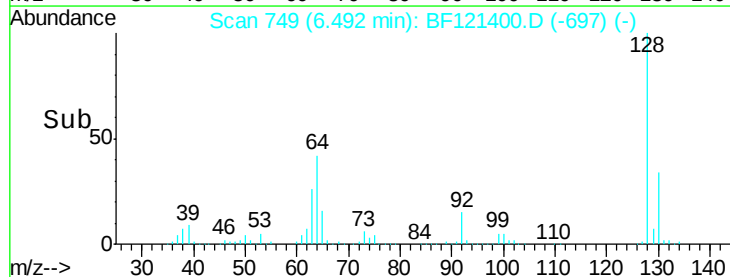
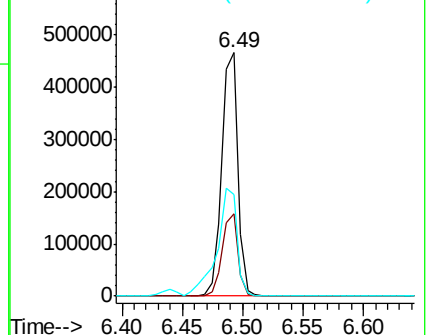
64 41.5 26.3 66.3

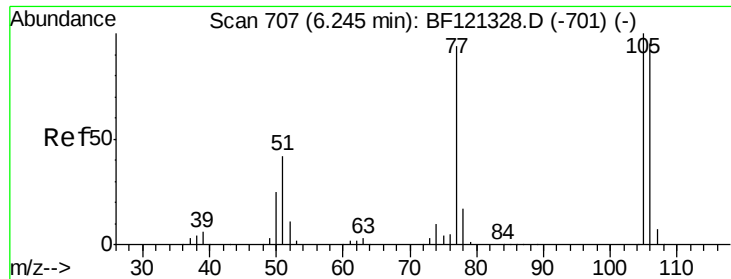


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

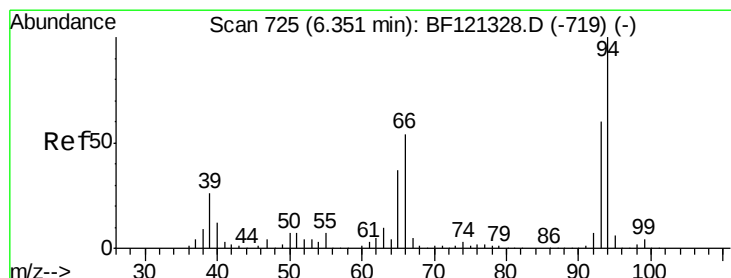
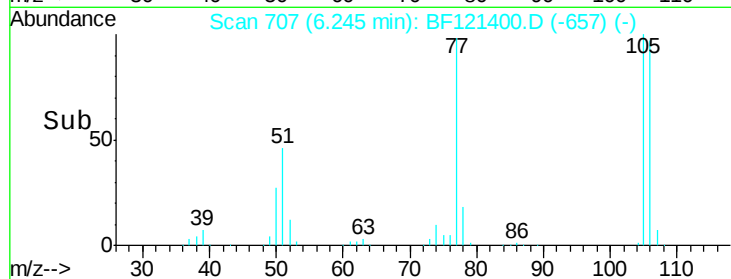
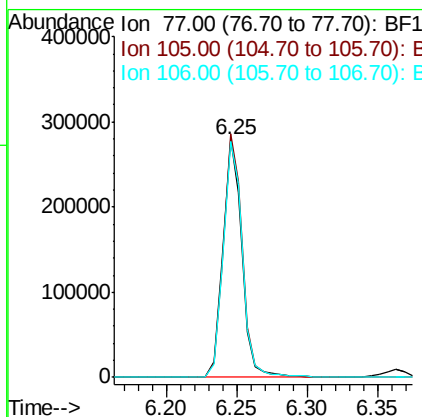
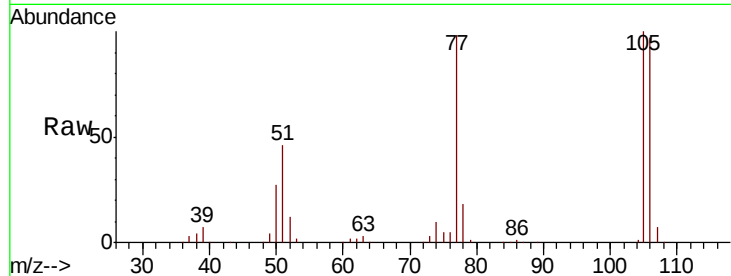




#9
Benzaldehyde
Concen: 34.330 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

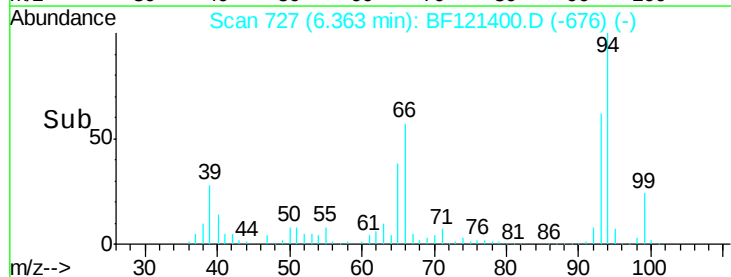
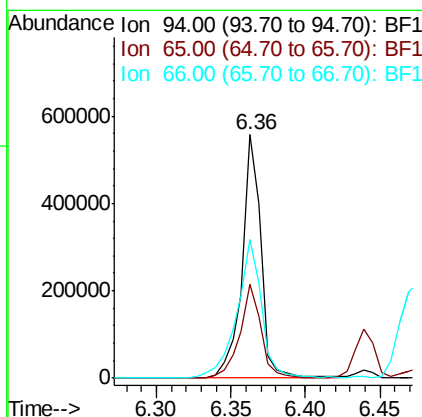
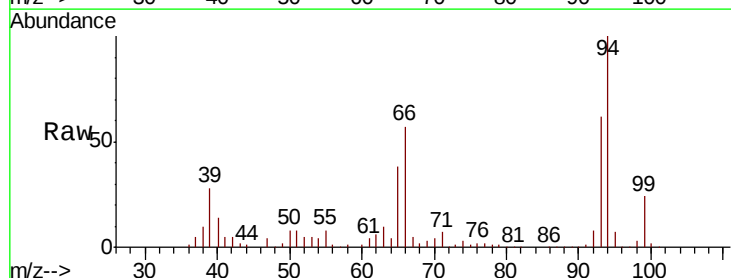
Instrument :
BNA_F
ClientSampleId :
PB131155BS

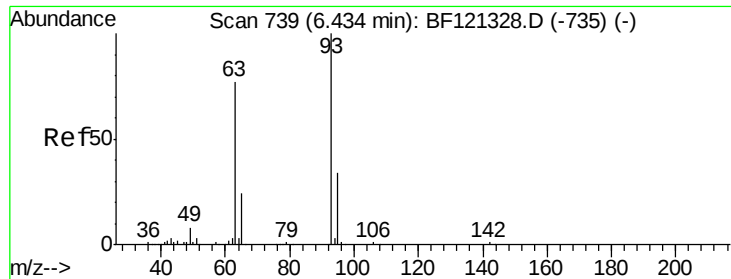
Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	84.3	124.3
106	99.1	81.3	121.3



#10
Phenol
Concen: 34.652 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.4	20.4	60.4
66	56.9	40.6	80.6

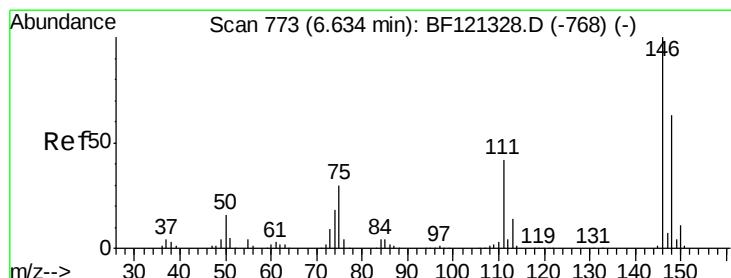
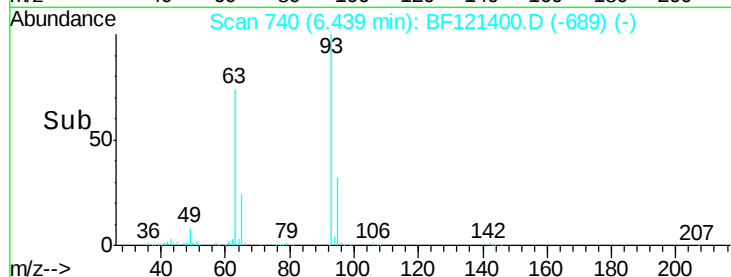
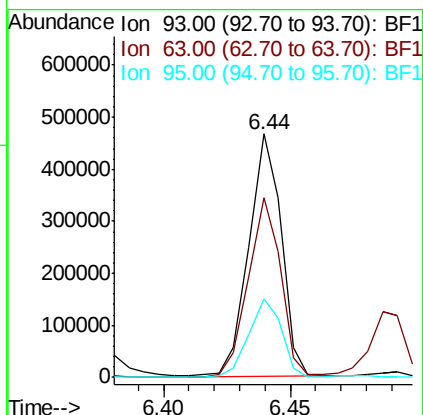
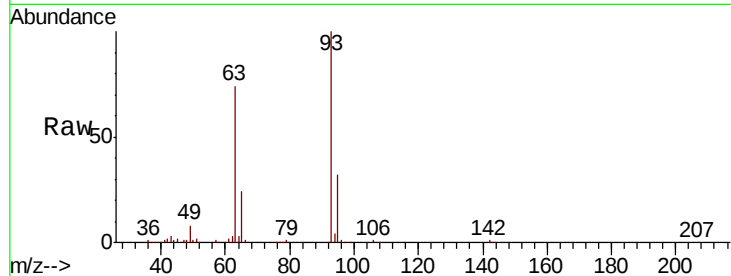




#11
bis(2-Chloroethyl)ether
Concen: 38.302 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

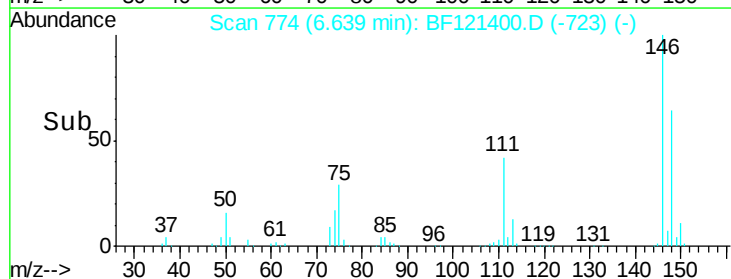
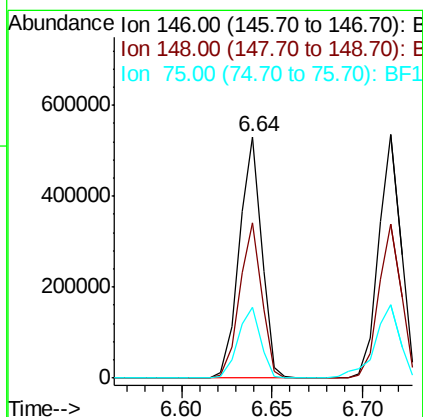
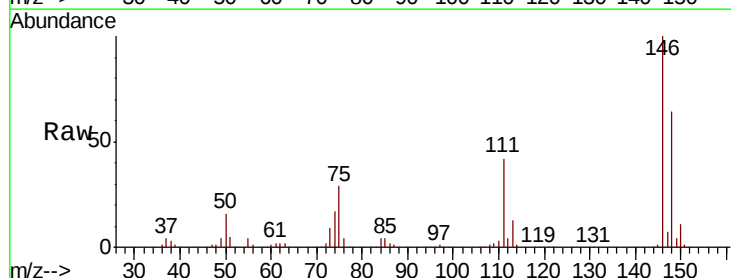
Instrument :
BNA_F
ClientSampleId :
PB131155BS

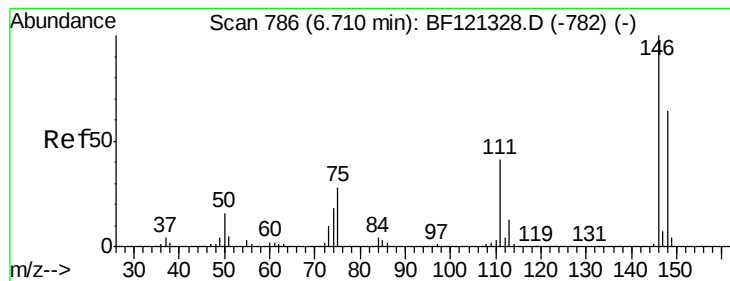
Tot Ion: 93 Resp: 416834
Ion Ratio Lower Upper
93 100
63 73.8 55.5 95.5
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.681 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion: 146 Resp: 453438
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.0
75 29.3 24.0 36.0





#13

1,4-Dichlorobenzene

Concen: 36.682 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

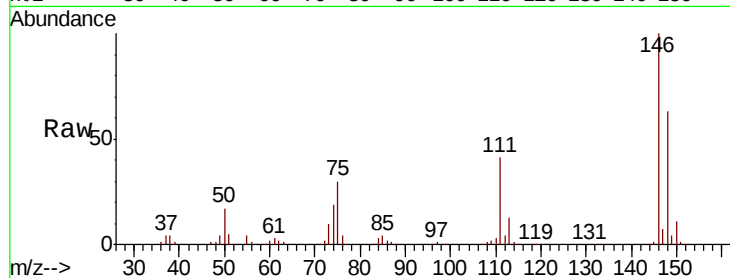
Tot Ion:146 Resp: 457762

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

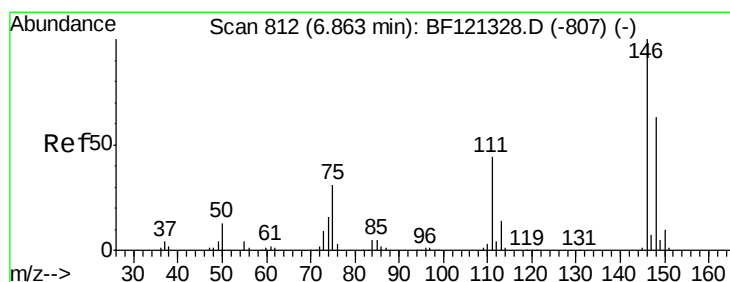
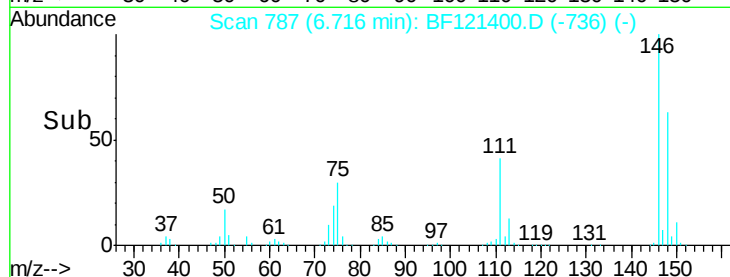
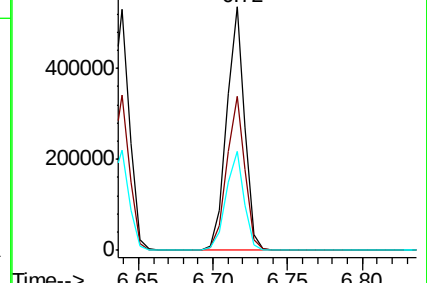
111 40.6 32.6 49.0



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: 33.866 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

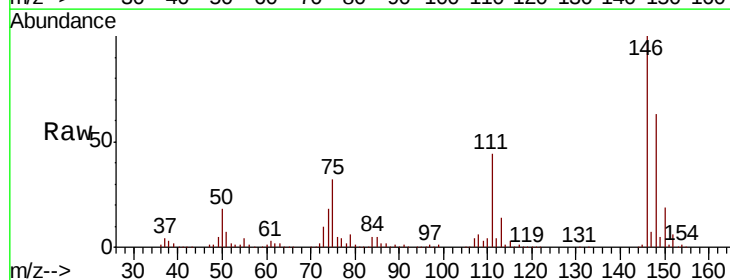
Tgt Ion:146 Resp: 402472

Ion Ratio Lower Upper

146 100

148 63.3 51.1 76.7

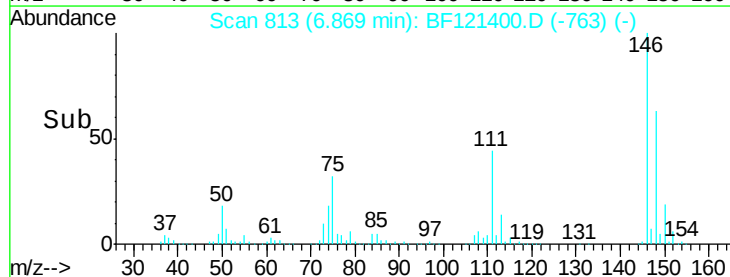
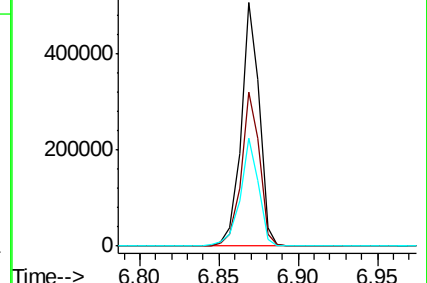
111 44.4 32.8 49.2

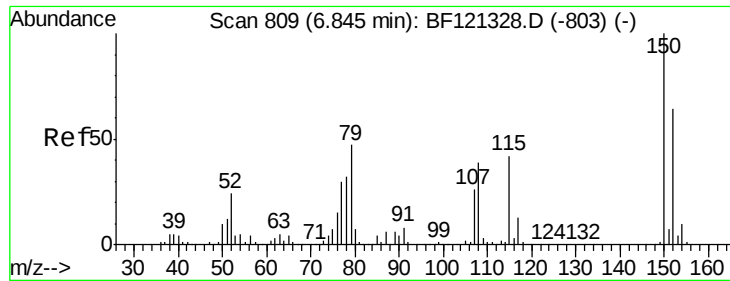


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

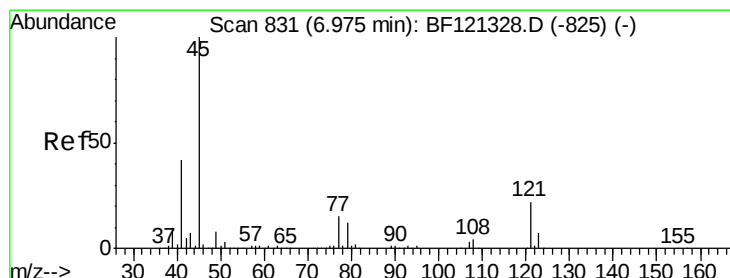
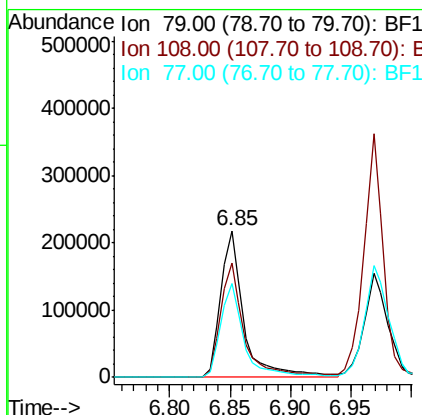
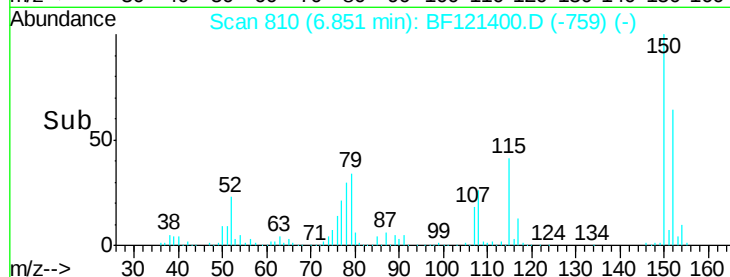
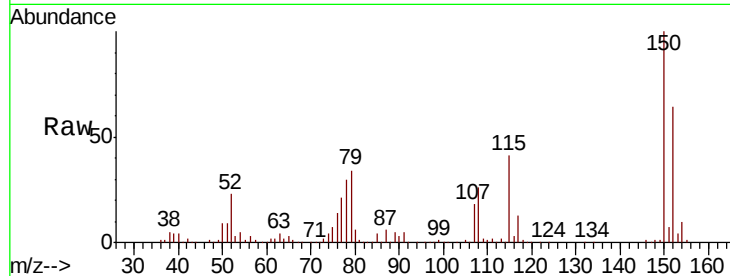




#15
Benzyl Alcohol
Concen: 35.953 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

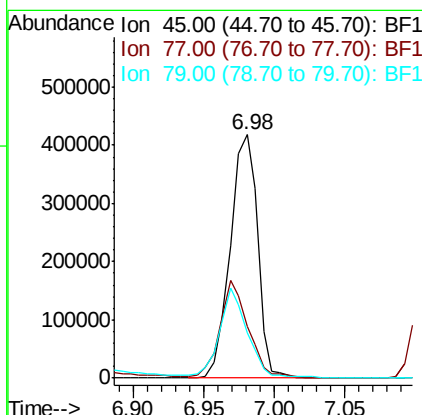
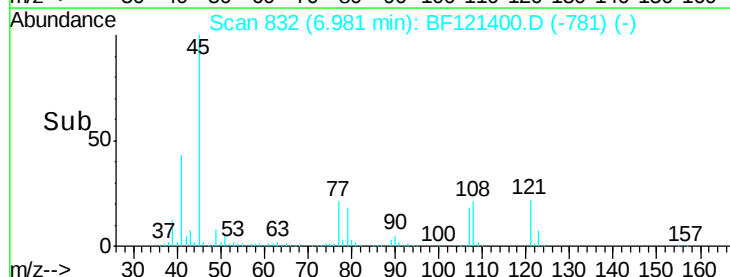
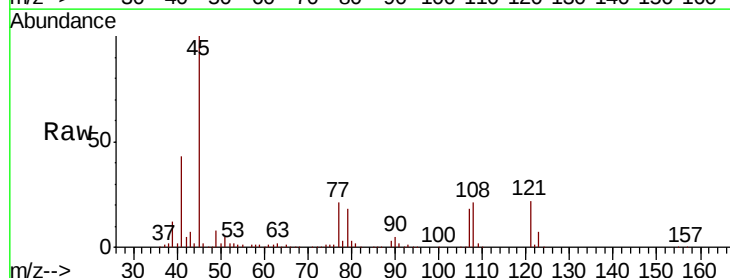
Instrument :
BNA_F
ClientSampleId :
PB131155BS

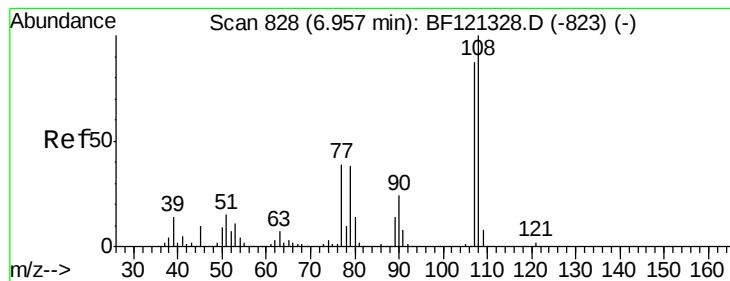
Tot Ion: 79 Resp: 291526
Ion Ratio Lower Upper
79 100
108 77.6 62.3 93.5
77 63.6 50.5 75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.140 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion: 45 Resp: 563085
Ion Ratio Lower Upper
45 100
77 21.3 0.7 40.7
79 18.4 0.0 37.1

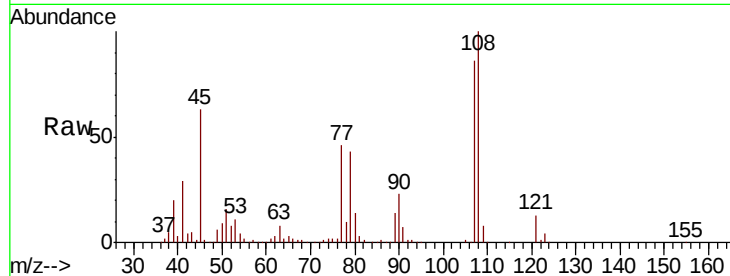




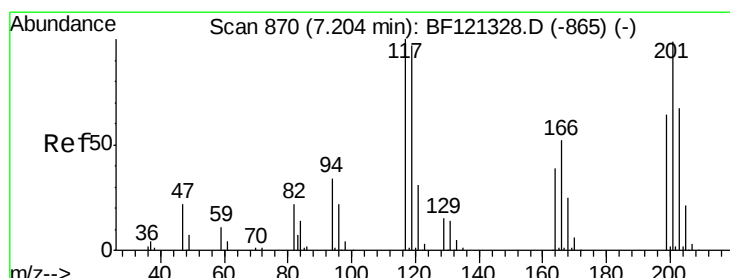
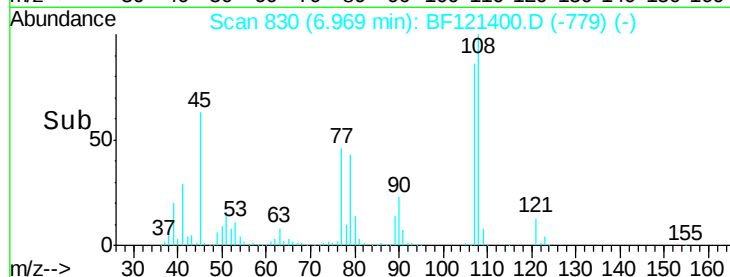
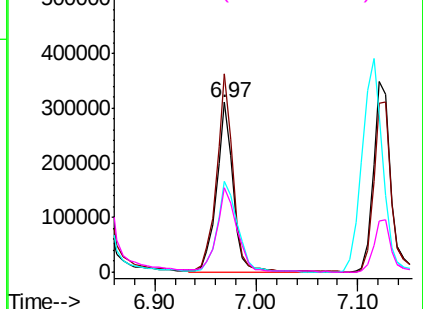
#17
2-Methylphenol
Concen: 38.580 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion:	107	Resp:	351229
Ion	Ratio	Lower	Upper
107	100		
108	116.6	91.5	137.3
77	53.8	40.1	60.1
79	49.6	38.0	57.0

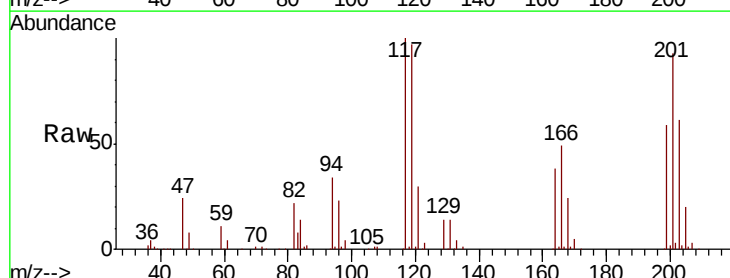


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

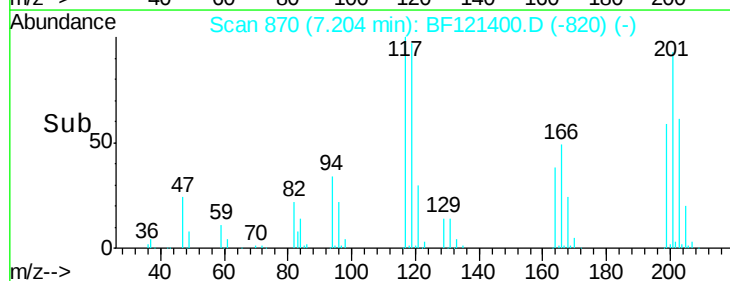
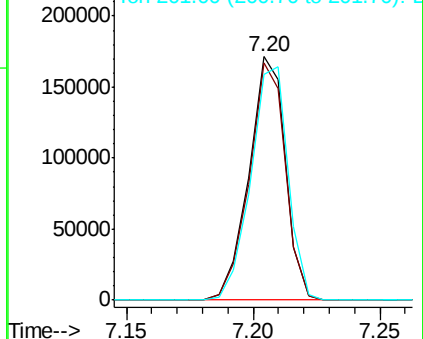


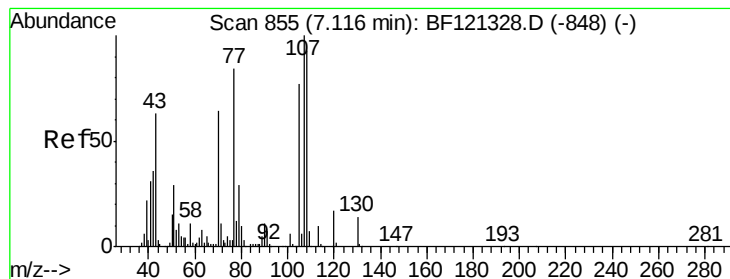
#18
Hexachloroethane
Concen: 36.775 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:	117	Resp:	170879
Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.6
201	92.7	80.6	120.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 37.564 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

Tot Ion: 70 Resp: 272255

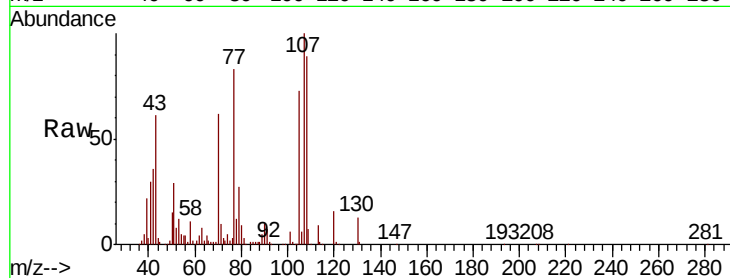
Ion Ratio Lower Upper

70 100

42 57.9 46.9 70.3

101 9.7 7.7 11.5

130 21.3 17.2 25.8

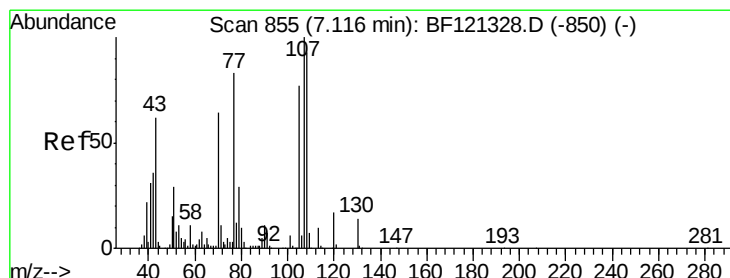
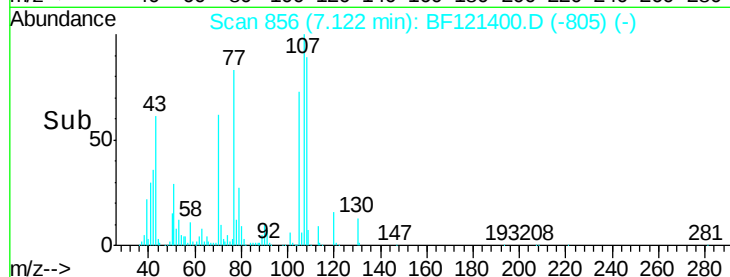
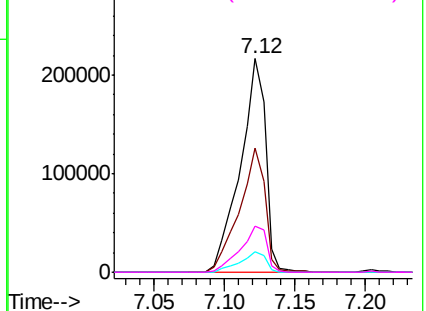


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 45.755 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion: 107 Resp: 411314

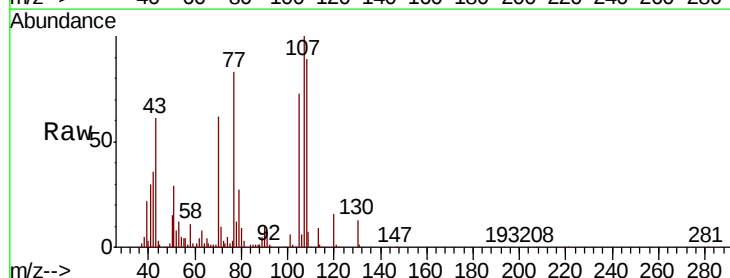
Ion Ratio Lower Upper

107 100

108 88.7 76.0 116.0

77 82.5 26.5 66.5#

79 26.9 10.0 50.0

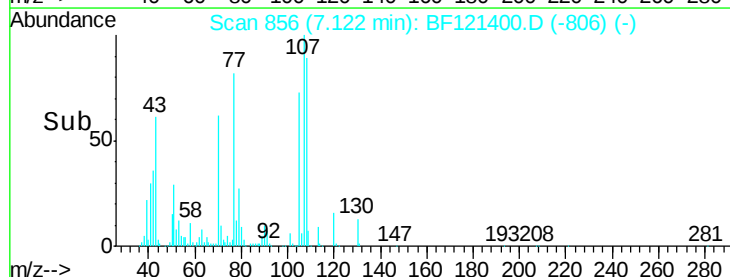
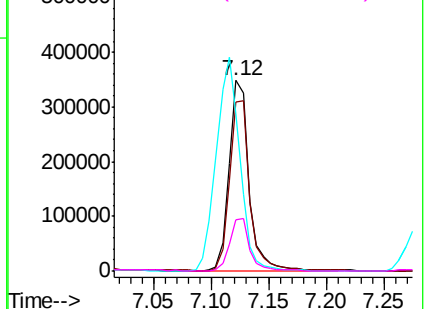


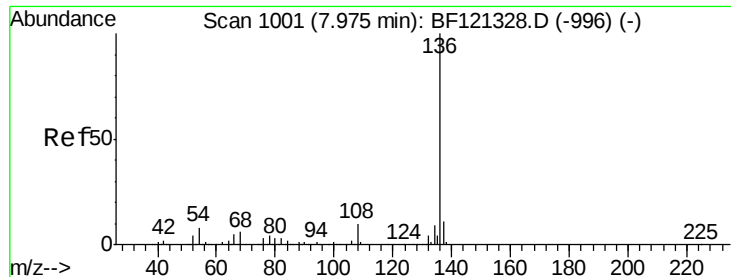
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

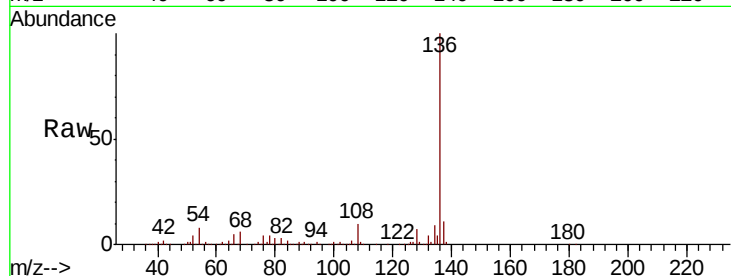




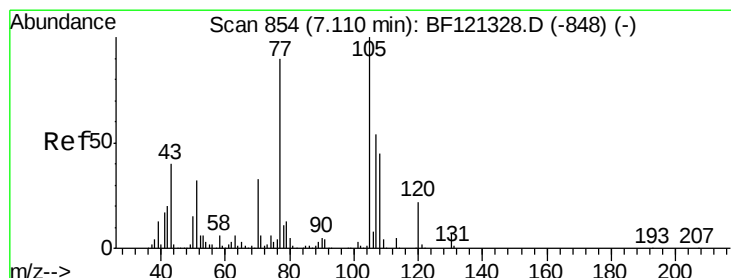
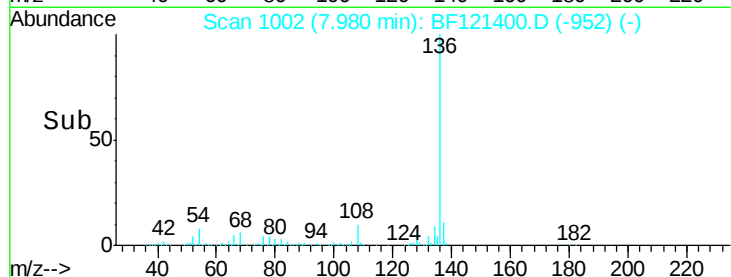
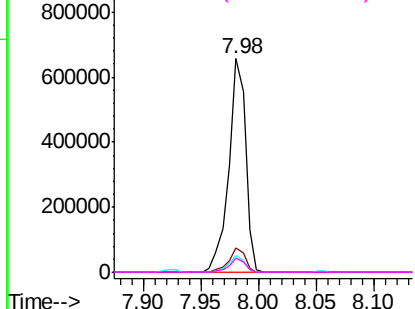
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion:136	Resp: 669386
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 7.8	5.8 8.6
68 6.4	4.7 7.1

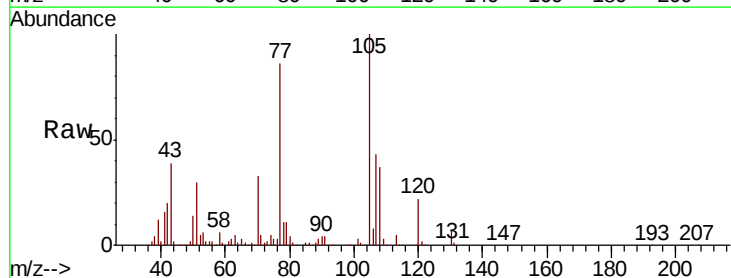


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

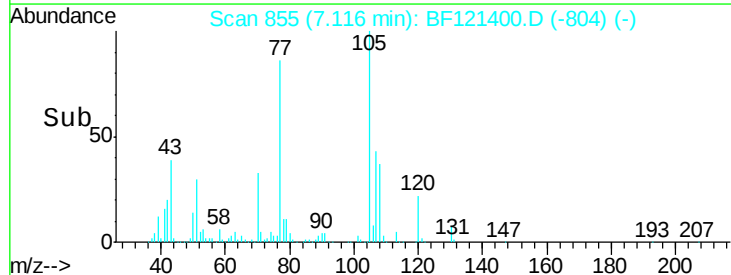
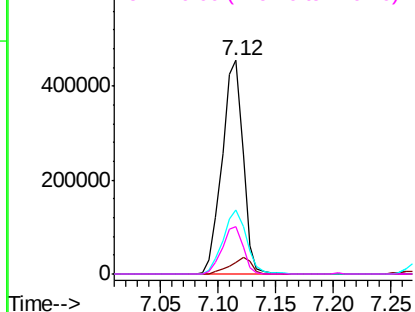


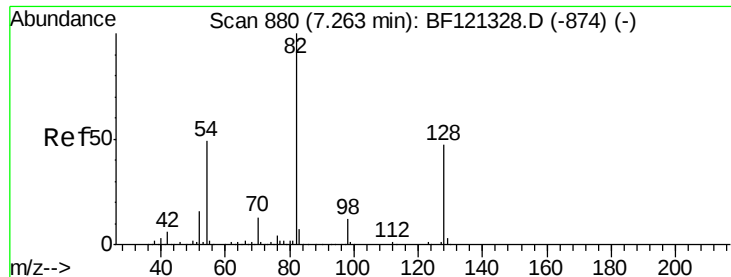
#22
Acetophenone
Concen: 36.699 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt	Ion:105	Resp:	574333
Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.5	5.3#
51	30.0	23.9	35.9
120	22.5	17.9	26.9



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

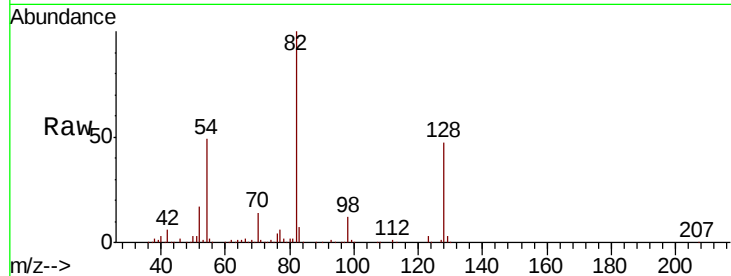




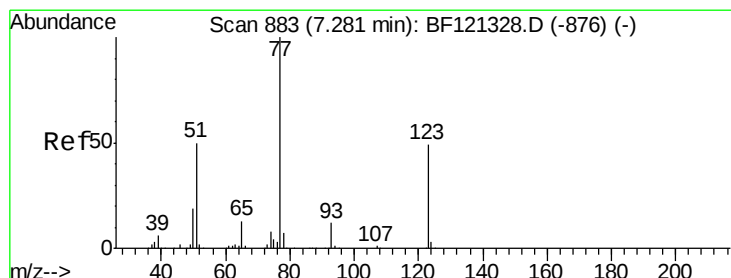
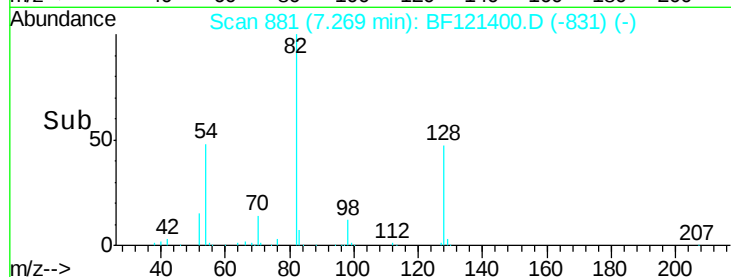
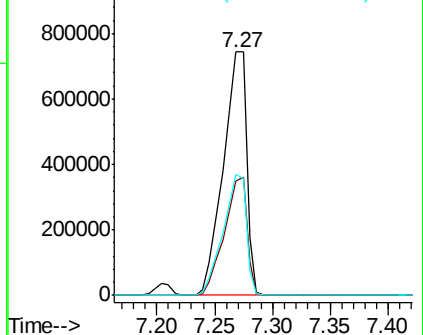
#23
 Nitrobenzene-d5
 Concen: 88.467 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion: 82 Resp: 1047078
 Ion Ratio Lower Upper
 82 100
 128 47.0 38.4 57.6
 54 49.5 39.0 58.6

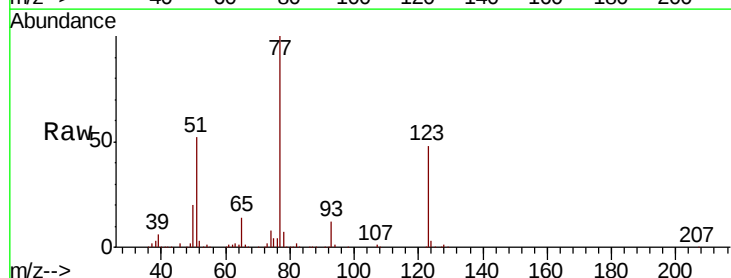


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

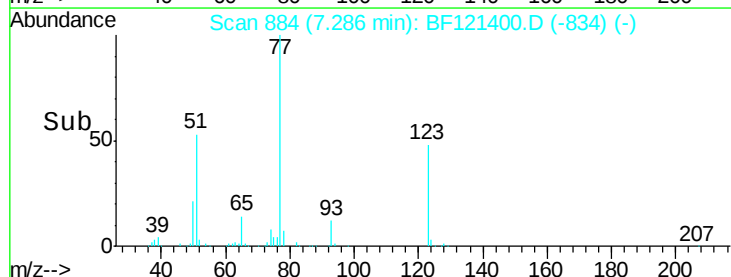
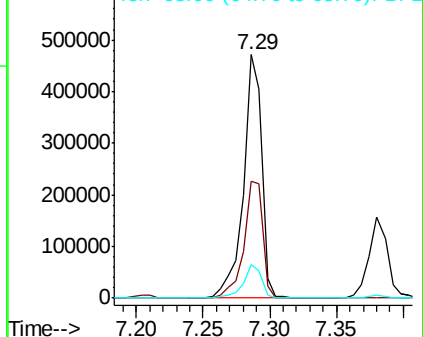


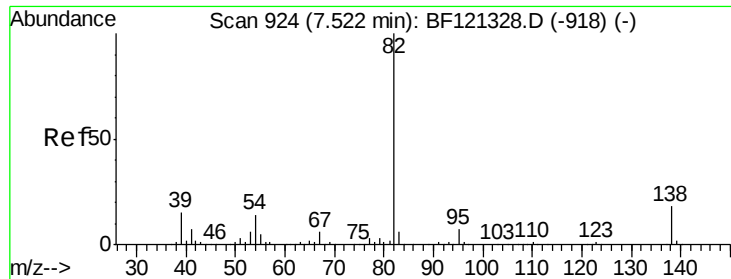
#24
 Nitrobenzene
 Concen: 36.757 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion: 77 Resp: 443397
 Ion Ratio Lower Upper
 77 100
 123 47.9 42.0 63.0
 65 13.6 10.4 15.6



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

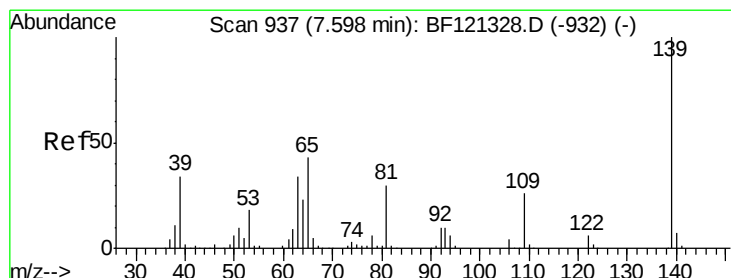
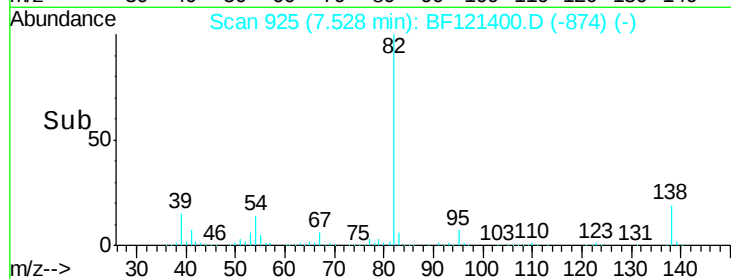
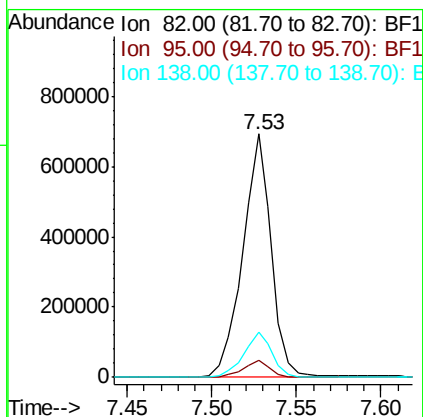
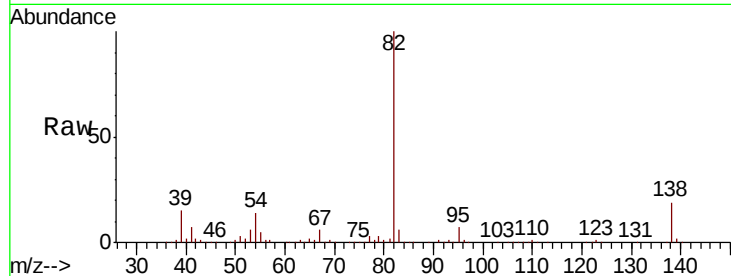




#25
Isophorone
Concen: 37.794 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

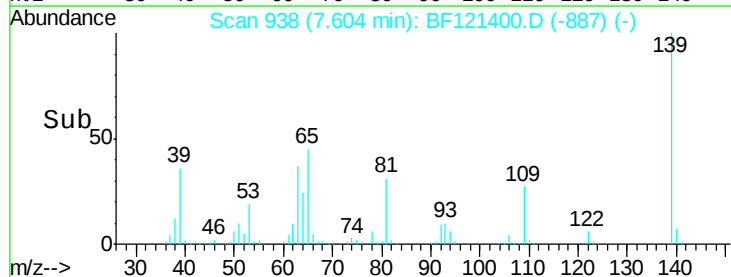
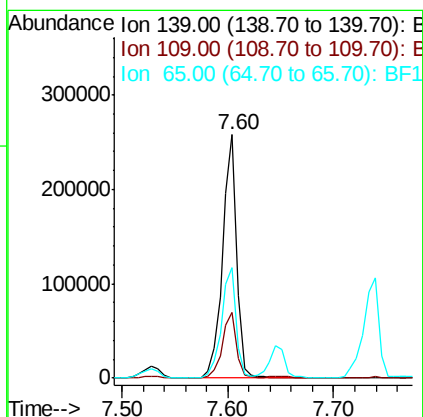
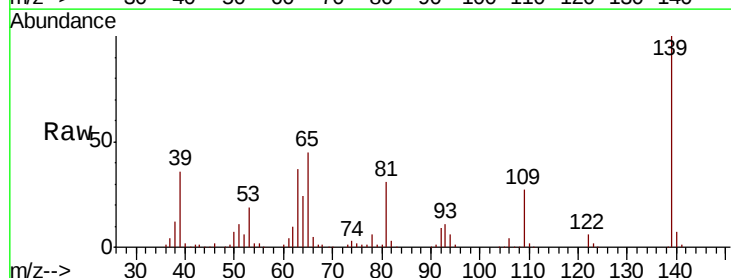
Instrument :
BNA_F
ClientSampleId :
PB131155BS

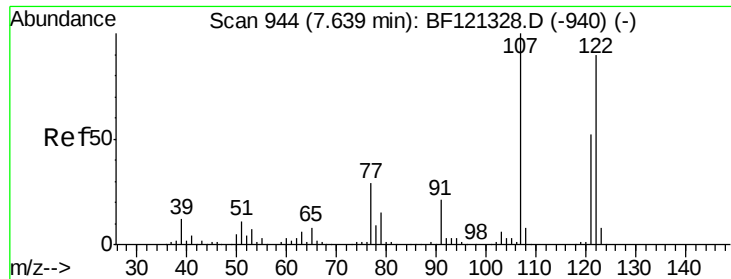
Tot Ion: 82 Resp: 814064
Ion Ratio Lower Upper
82 100
95 6.8 5.3 7.9
138 18.7 15.0 22.6



#26
2-Nitrophenol
Concen: 39.335 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion: 139 Resp: 243358
Ion Ratio Lower Upper
139 100
109 27.2 21.2 31.8
65 45.2 37.0 55.6

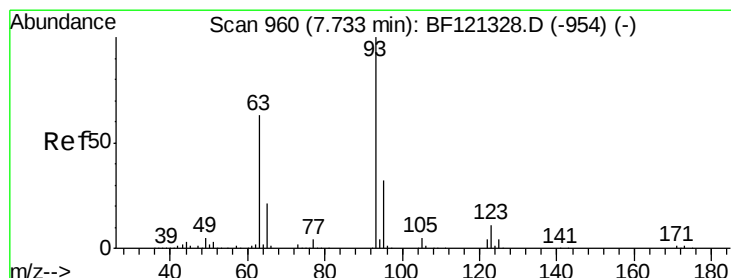
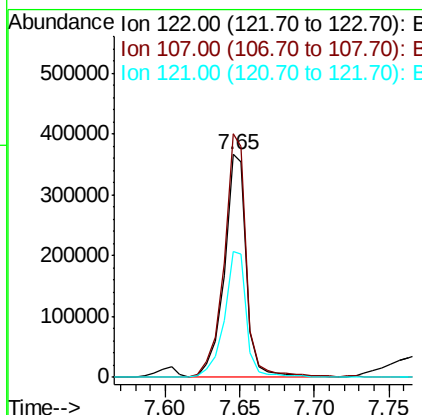
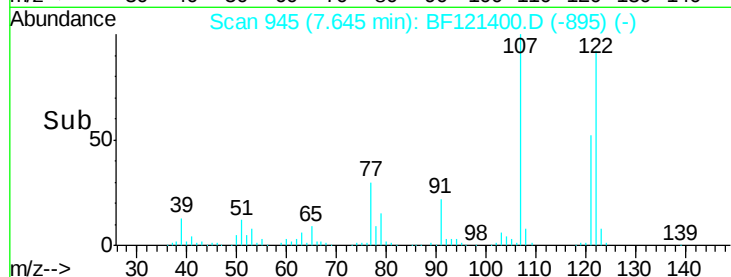
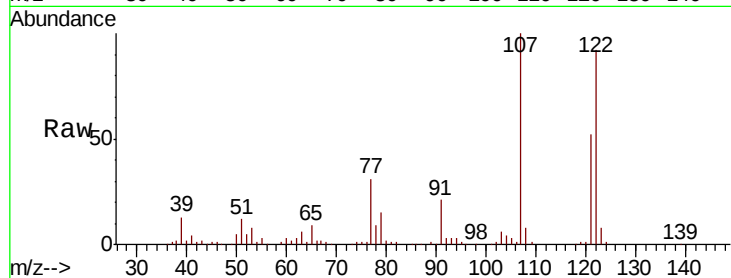




#27
2,4-Dimethylphenol
Concen: 43.603 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

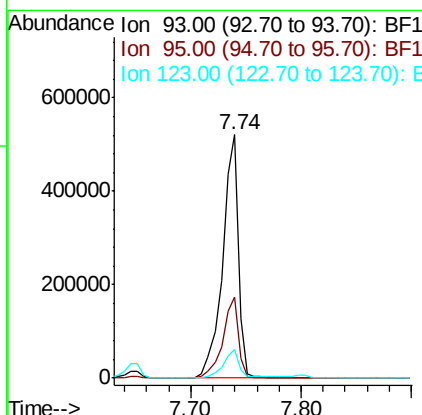
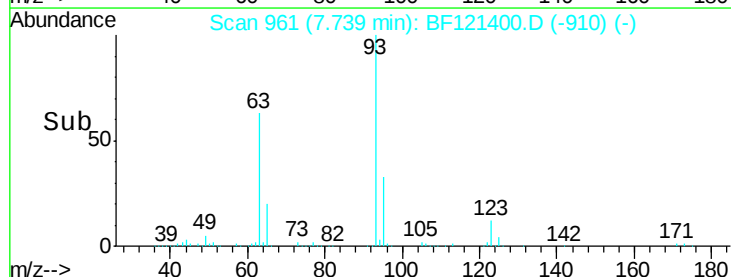
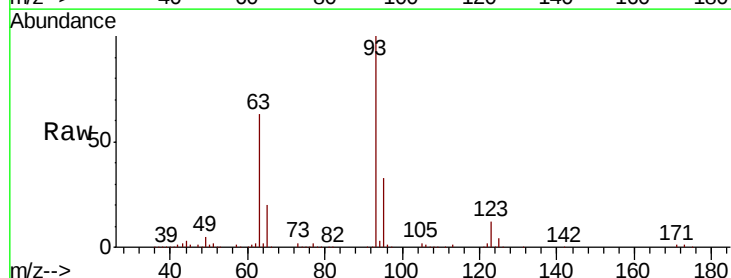
Instrument :
BNA_F
ClientSampleId :
PB131155BS

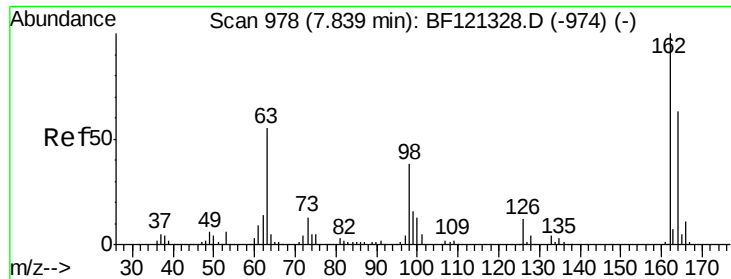
Tot Ion:122 Resp: 384925
Ion Ratio Lower Upper
122 100
107 109.2 85.1 127.7
121 56.5 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 35.362 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion: 93 Resp: 518498
Ion Ratio Lower Upper
93 100
95 33.2 26.6 39.8
123 11.6 9.4 14.0

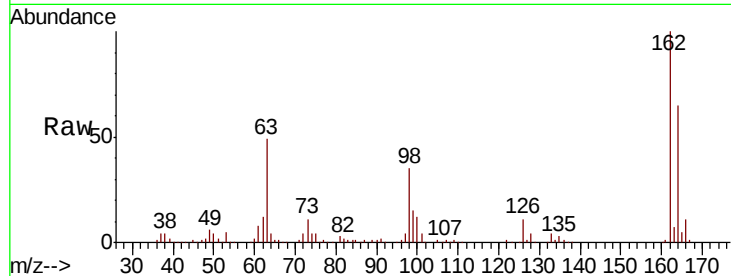




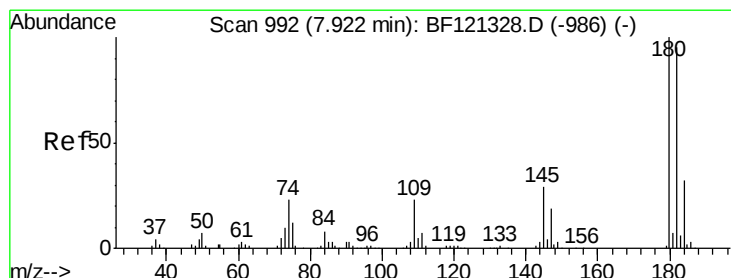
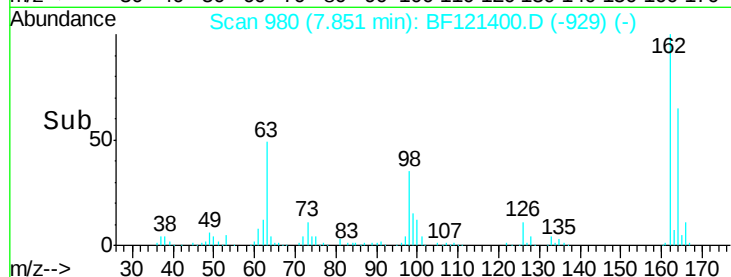
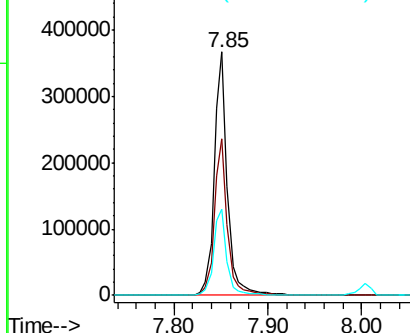
#29
 2,4-Dichlorophenol
 Concen: 37.577 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleID :
 PB131155BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.3	84.3
98	35.2	16.1	56.1

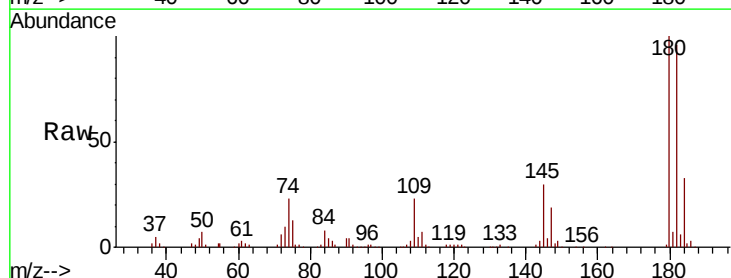


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

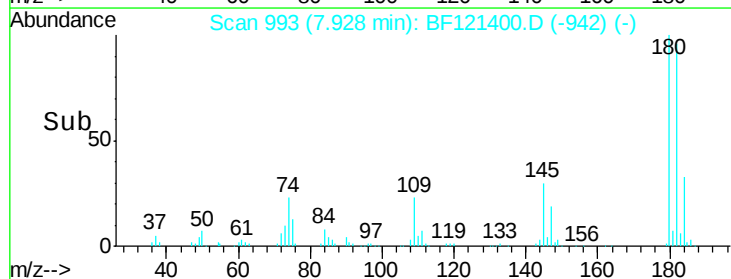
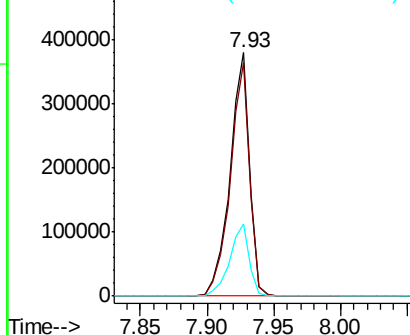


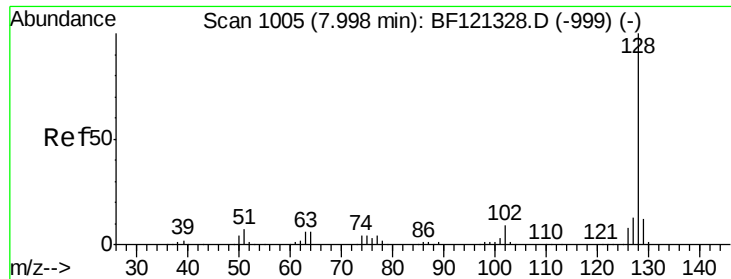
#30
 1,2,4-Trichlorobenzene
 Concen: 35.576 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.6
145	29.5	24.1	36.1



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

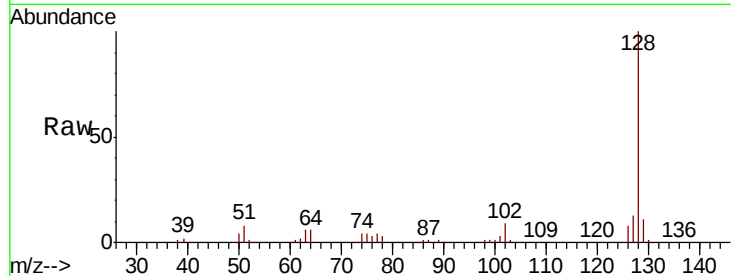




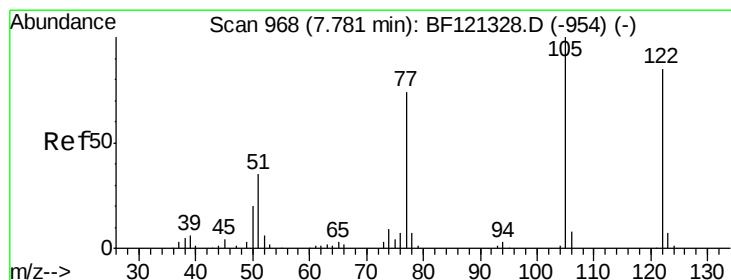
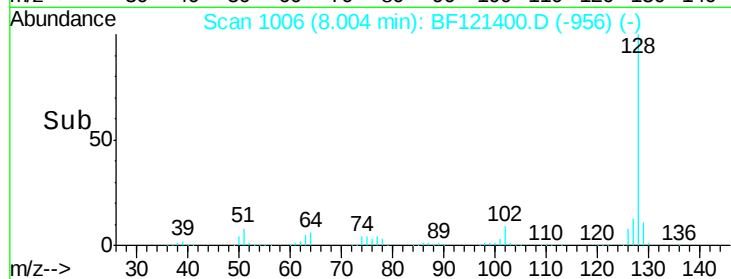
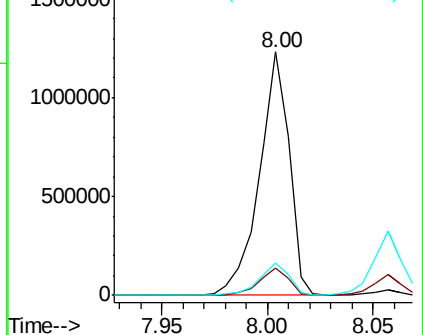
#31
Naphthalene
Concen: 36.315 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion:128 Resp: 1209829
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.4 10.6 15.8

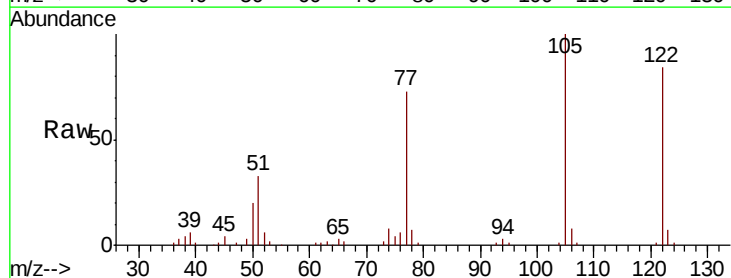


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

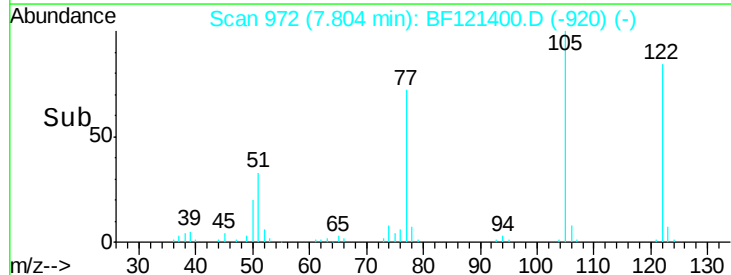
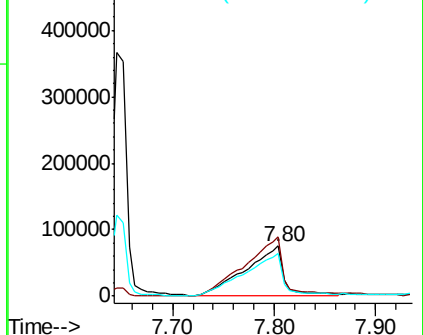


#32
Benzoic acid
Concen: 30.881 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:122 Resp: 192747
Ion Ratio Lower Upper
122 100
105 118.3 98.8 138.8
77 86.0 66.3 106.3



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

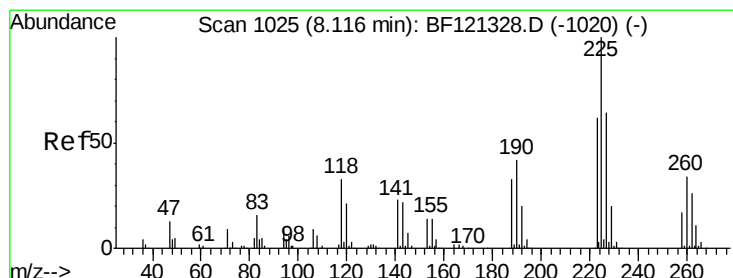
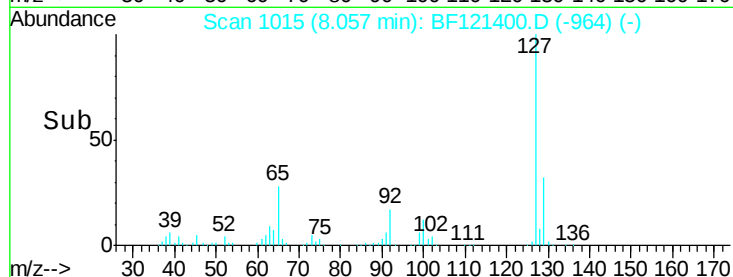
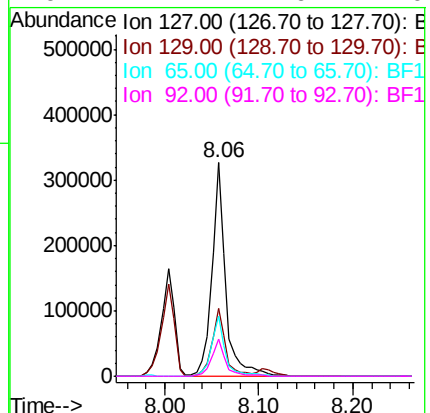
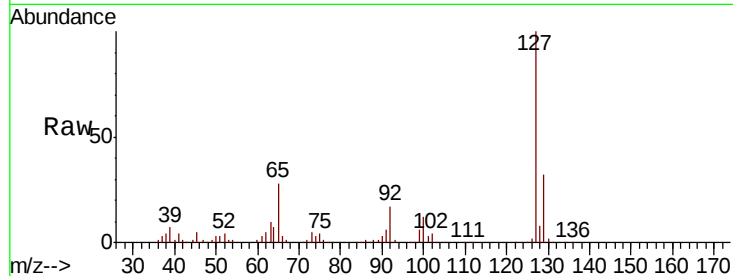




#33
4-Chloroaniline
Concen: 22.907 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

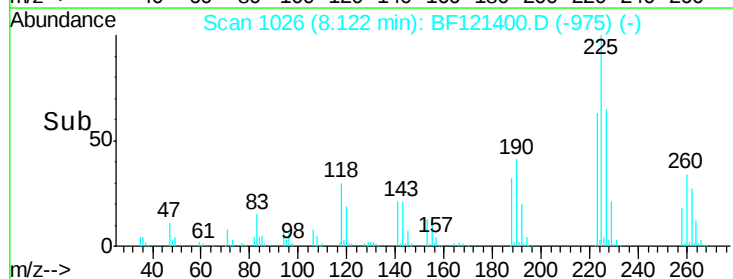
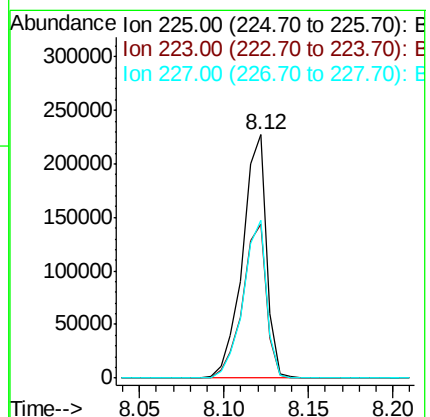
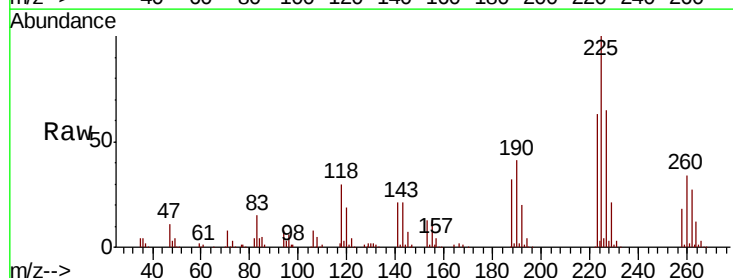
Instrument :
BNA_F
ClientSampleId :
PB131155BS

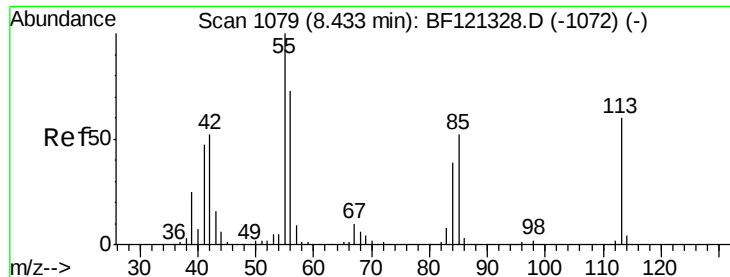
Tot Ion:	127	Resp:	337926
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	28.2	23.7	35.5
92	17.4	14.6	22.0



#34
Hexachlorobutadiene
Concen: 34.405 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:	225	Resp:	224412
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.2	76.8
227	64.8	51.8	77.8

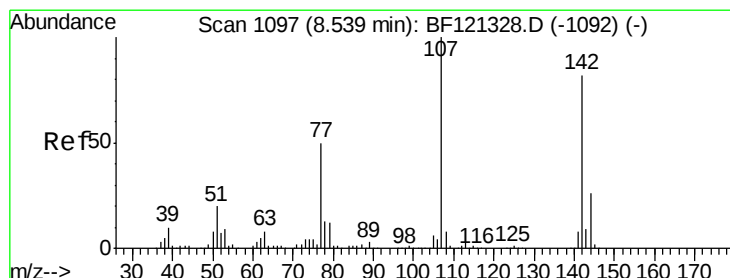
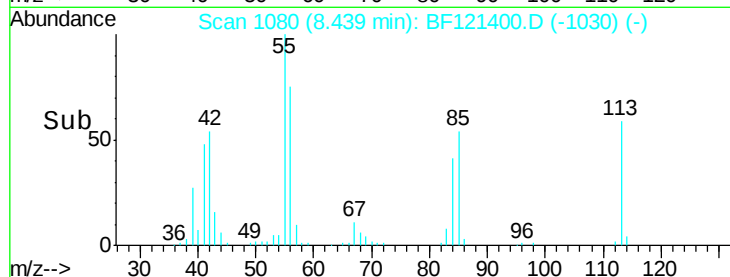
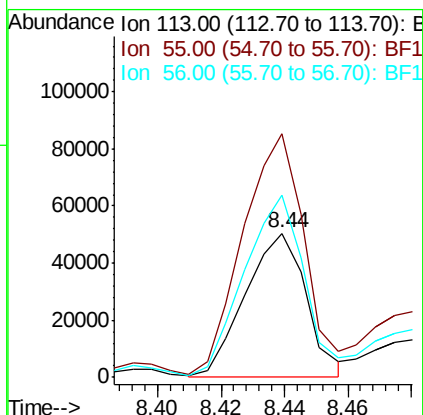
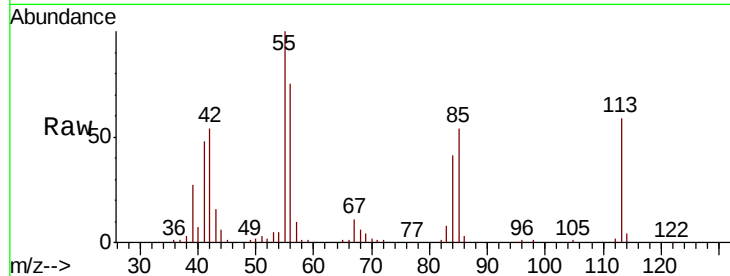




#35
Caprolactam
Concen: 21.454 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

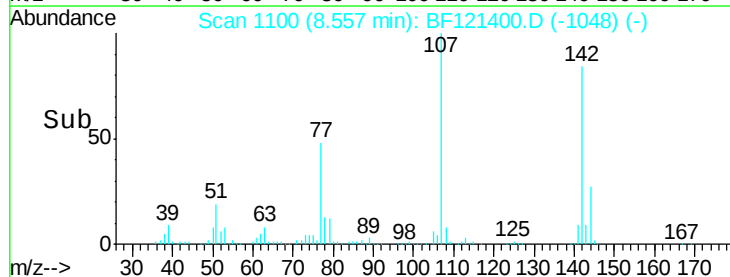
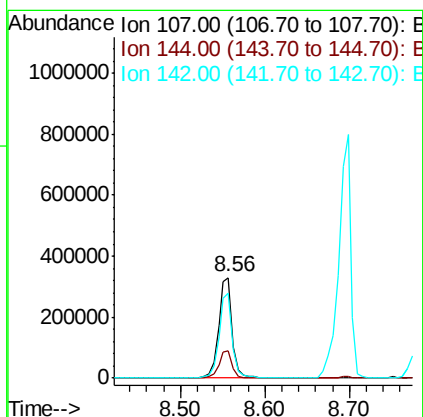
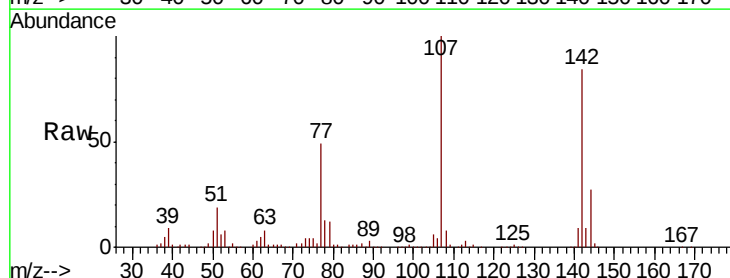
Instrument :
BNA_F
ClientSampleId :
PB131155BS

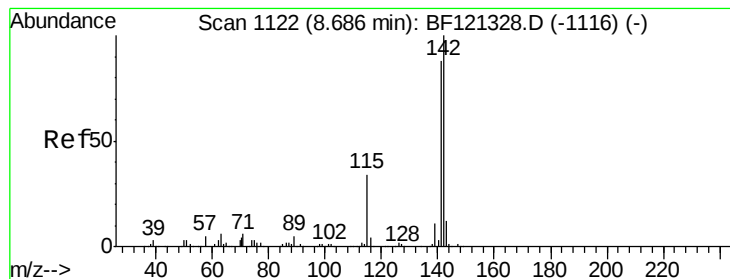
Tot Ion:113 Resp: 67722
Ion Ratio Lower Upper
113 100
55 169.0 147.4 187.4
56 126.9 102.7 142.7



#36
4-Chloro-3-methylphenol
Concen: 38.501 ng
RT: 8.56 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:107 Resp: 375307
Ion Ratio Lower Upper
107 100
144 26.8 20.7 31.1
142 84.2 65.4 98.2





#37

2-Methylnaphthalene

Concen: 37.345 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

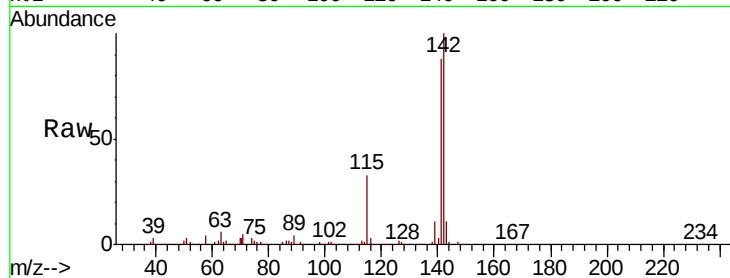
Tot Ion:142 Resp: 806391

Ion Ratio Lower Upper

142 100

141 88.1 71.2 106.8

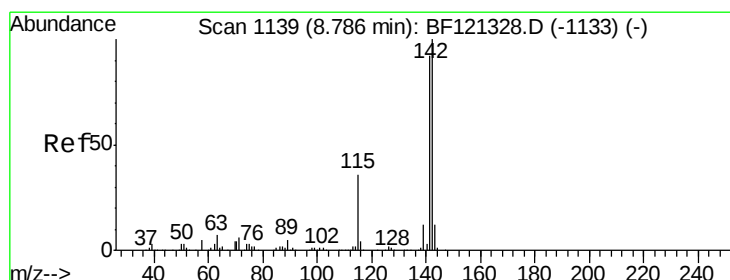
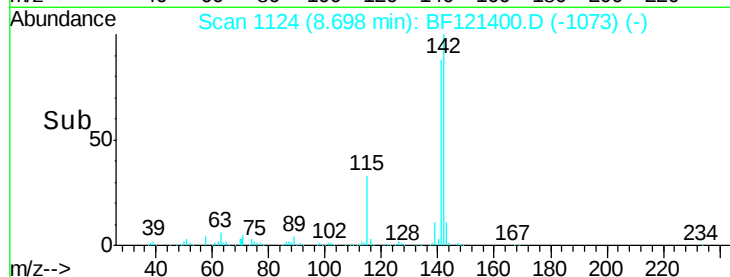
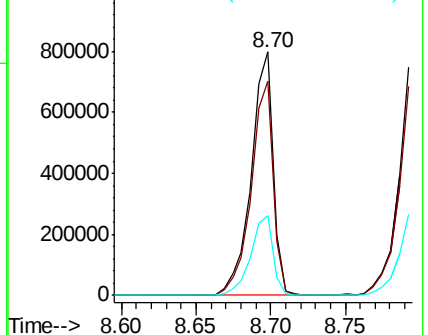
115 32.9 26.9 40.3



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: 36.858 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

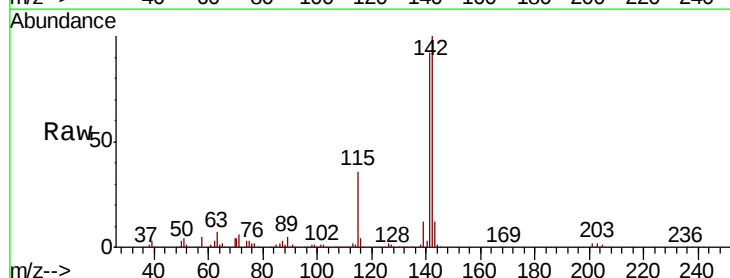
Tgt Ion:142 Resp: 756758

Ion Ratio Lower Upper

142 100

141 92.1 73.0 109.6

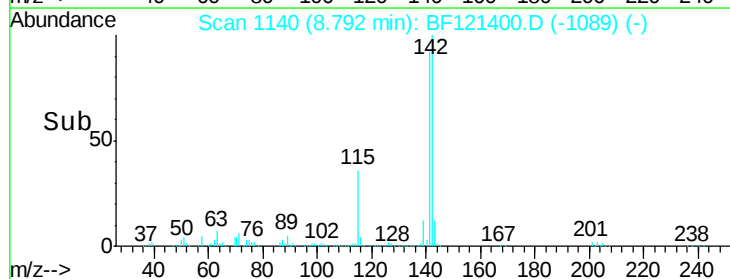
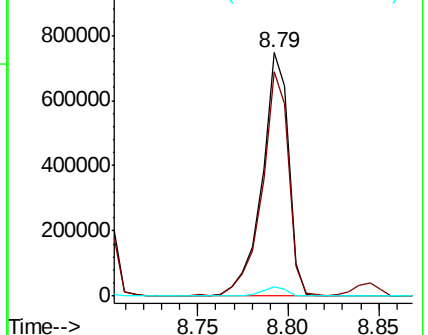
116 3.8 3.0 4.6

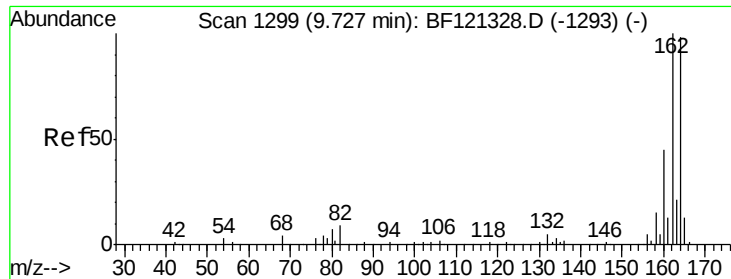


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

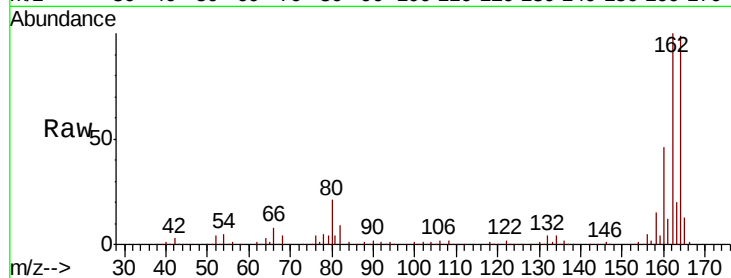
Tot Ion:164 Resp: 353453

Ion Ratio Lower Upper

164 100

162 101.5 81.9 122.9

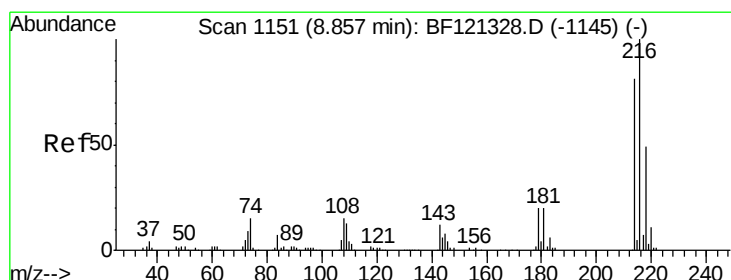
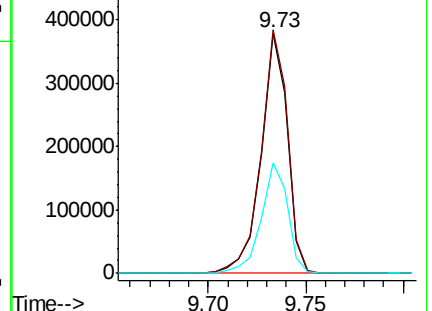
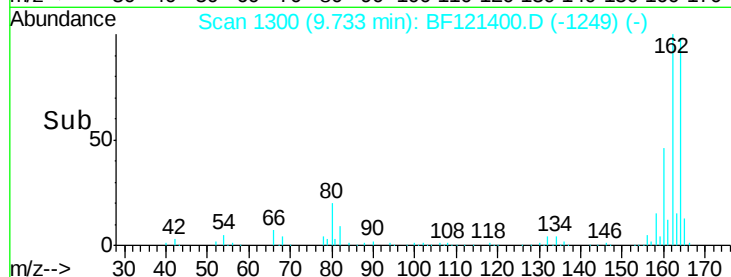
160 46.3 37.1 55.7



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: 35.889 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:216 Resp: 376496

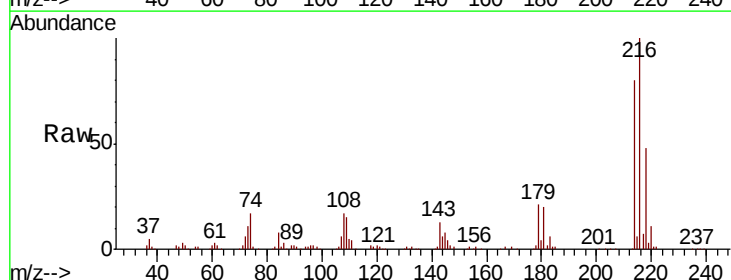
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 20.5 16.6 24.8

108 19.8 14.1 21.1

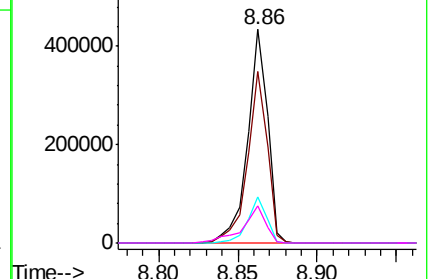
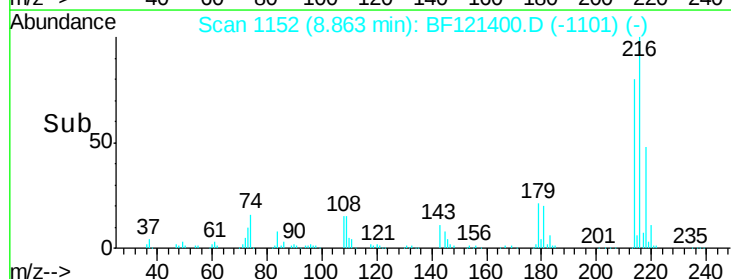


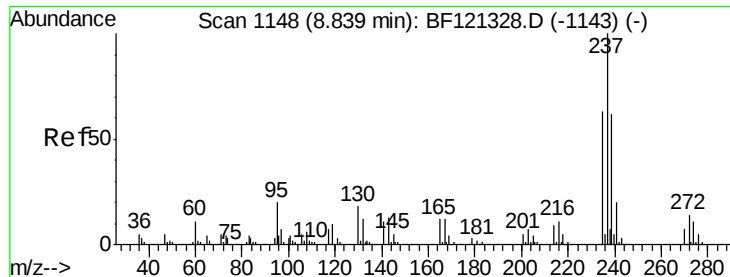
Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.617 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

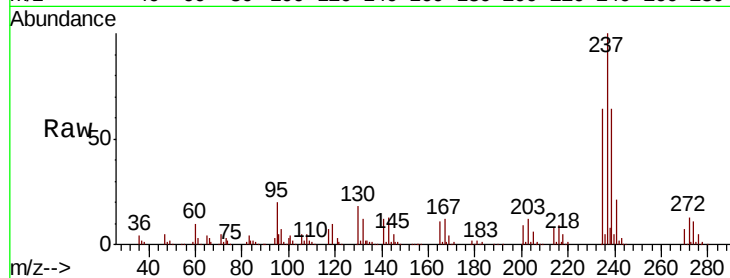
Tot Ion:237 Resp: 321648

Ion Ratio Lower Upper

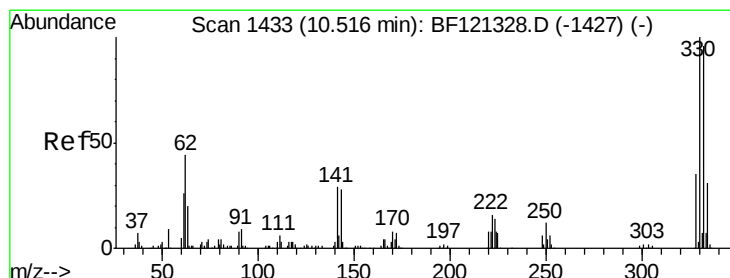
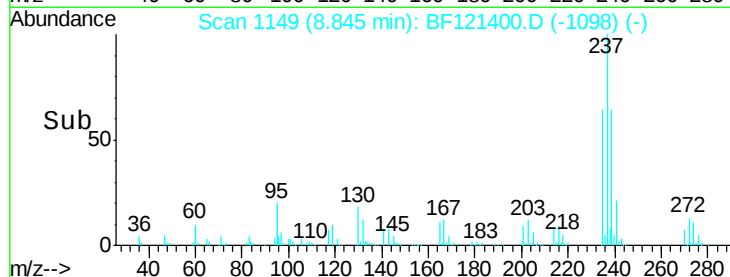
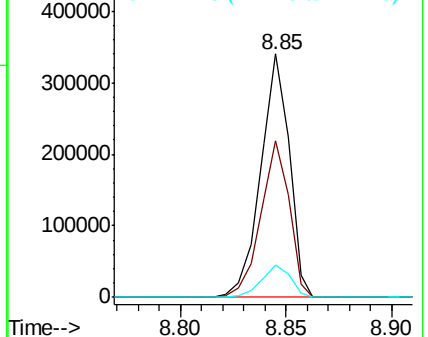
237 100

235 64.4 42.8 82.8

272 13.4 0.0 33.3



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: 88.123 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

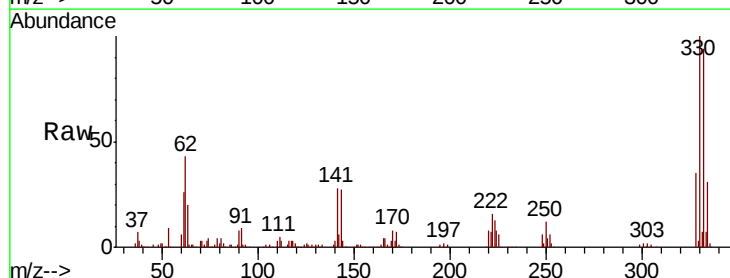
Tgt Ion:330 Resp: 362965

Ion Ratio Lower Upper

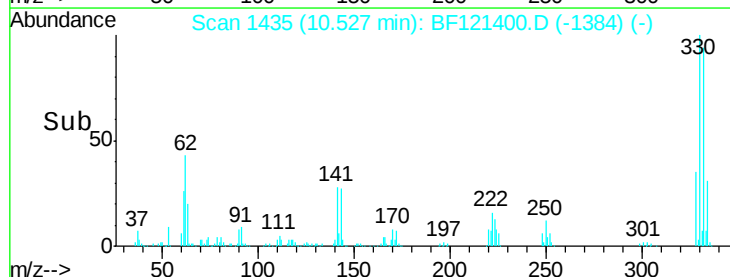
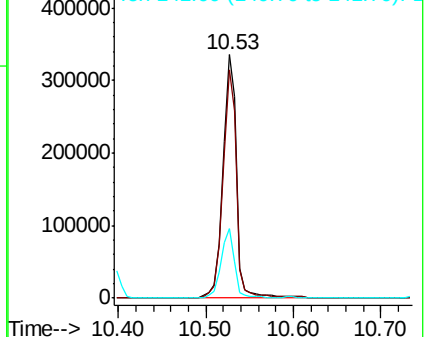
330 100

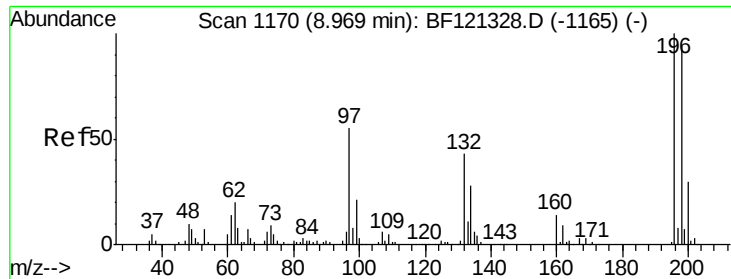
332 94.0 77.0 115.6

141 28.4 22.8 34.2



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

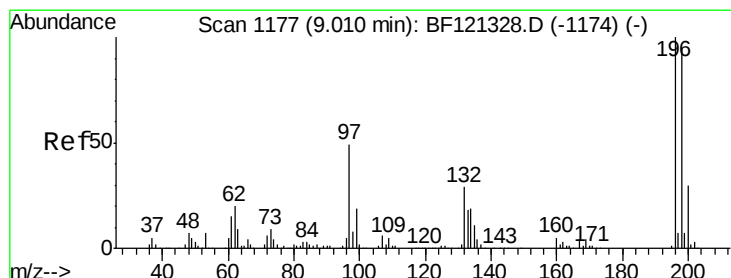
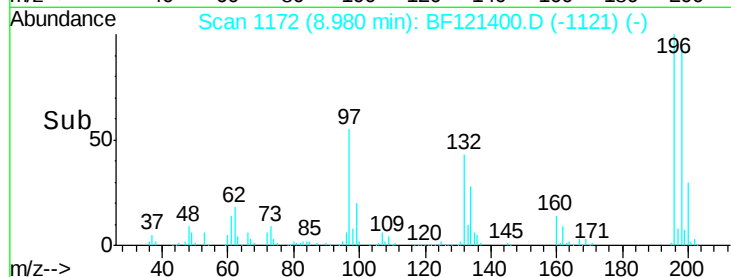
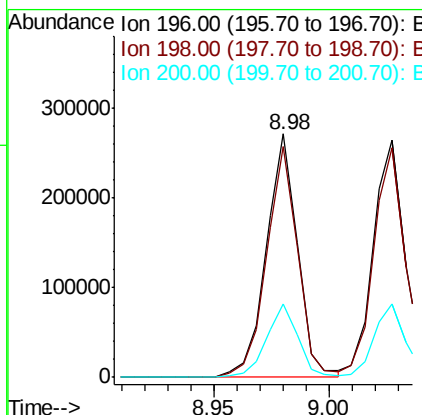
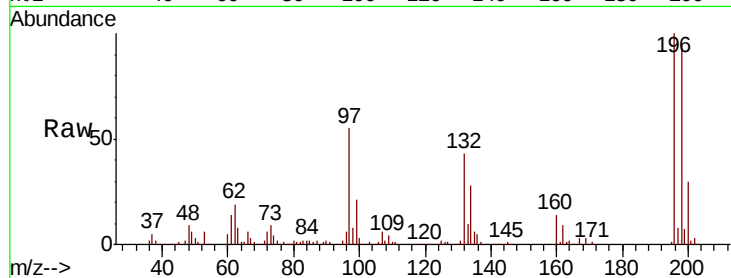




#43
 2,4,6-Trichlorophenol
 Concen: 35.624 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

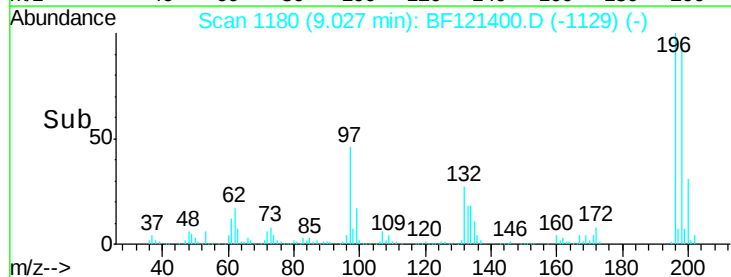
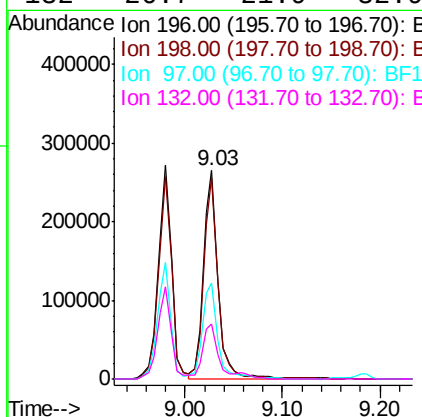
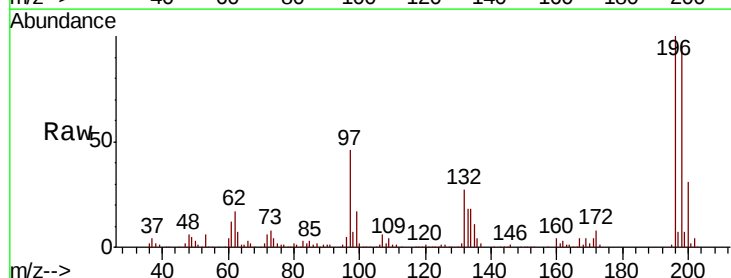
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

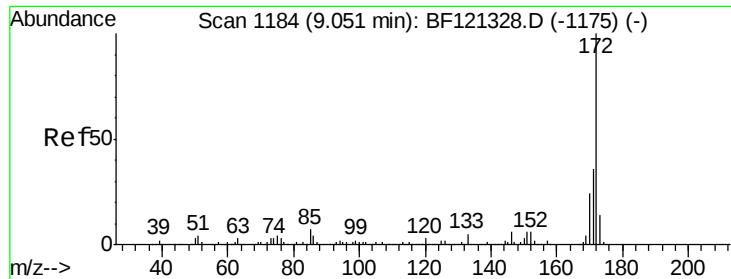
Tot Ion:196	Resp:	255492
Ion Ratio	Lower	Upper
196	100	
198	94.7	76.6 114.8
200	30.2	24.7 37.1



#44
 2,4,5-Trichlorophenol
 Concen: 36.871 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:196	Resp:	272053
Ion Ratio	Lower	Upper
196	100	
198	96.5	76.5 114.7
97	45.8	37.3 55.9
132	26.7	21.9 32.9

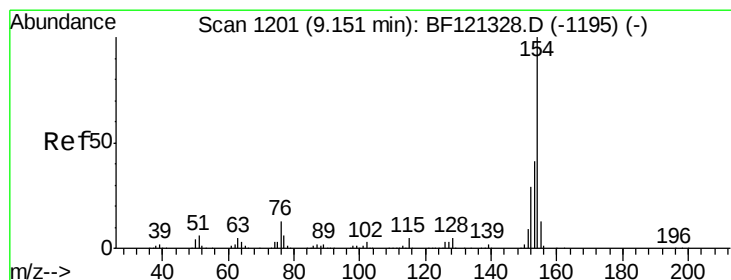
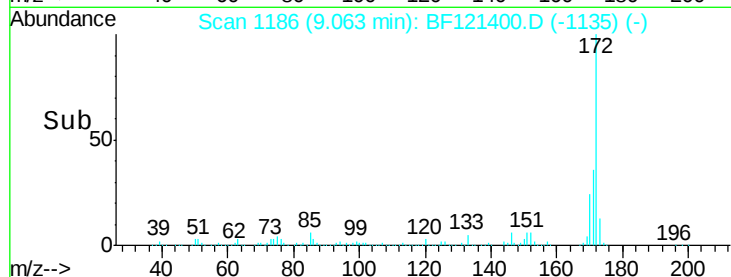
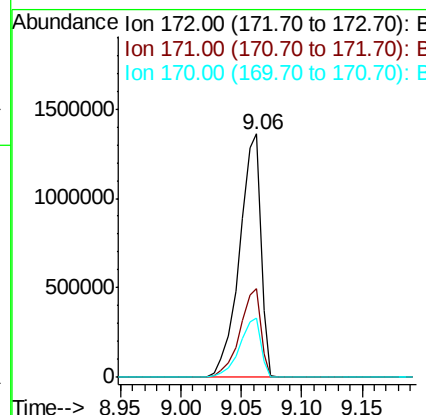
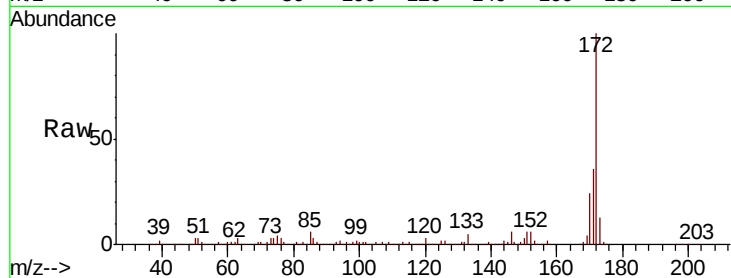




#45
2-Fluorobiphenyl
Concen: 92.414 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

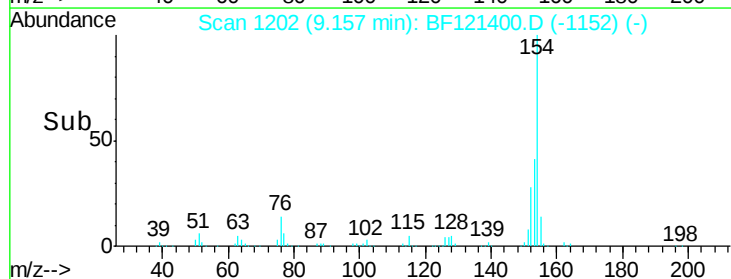
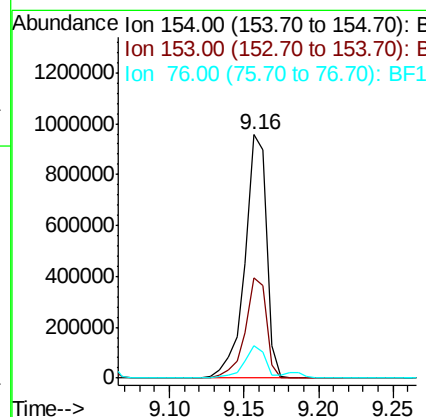
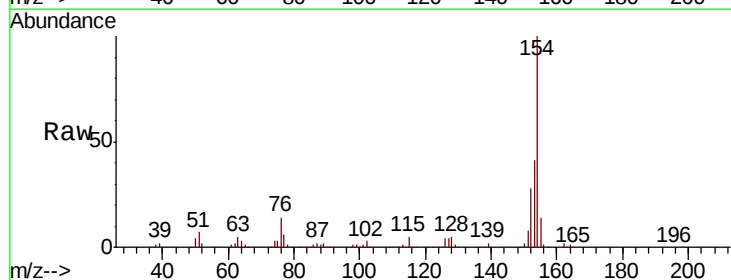
Instrument :
BNA_F
ClientSampleId :
PB131155BS

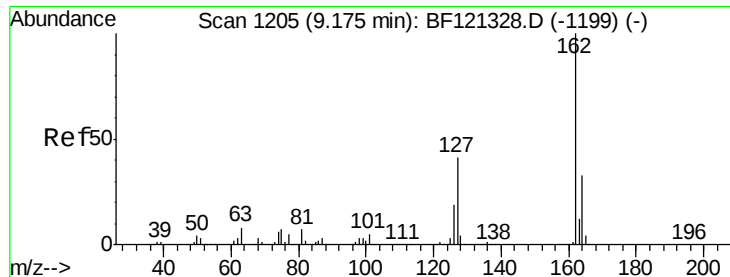
Tot Ion:172 Resp: 1680754
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.5 19.6 29.4



#46
1,1'-Biphenyl
Concen: 36.324 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:154 Resp: 962282
Ion Ratio Lower Upper
154 100
153 41.0 20.5 60.5
76 13.6 0.0 31.9

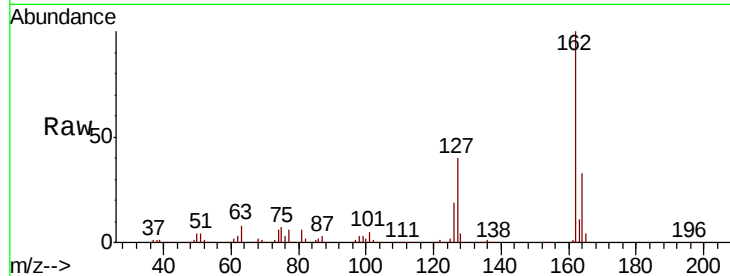




#47
 2-Chloronaphthalene
 Concen: 34.326 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.4	48.6
164	33.4	26.4	39.6

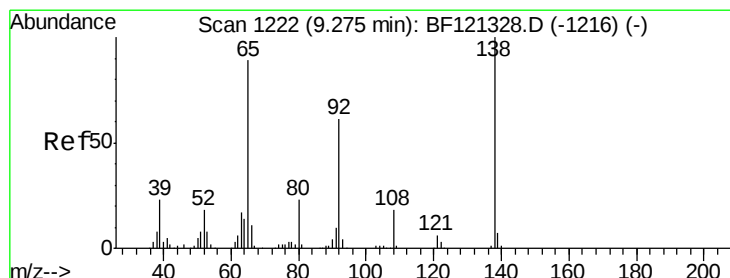
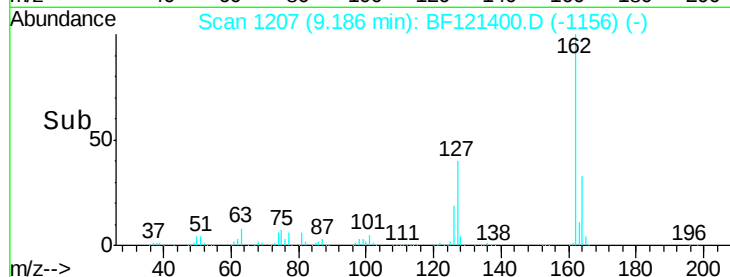
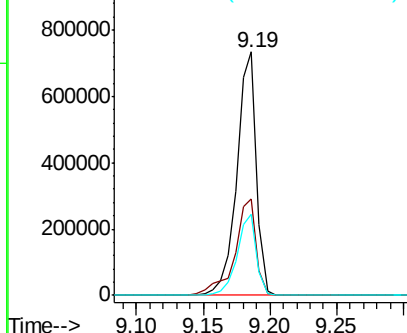


Abundance

Ion 162.00 (161.70 to 162.70): E

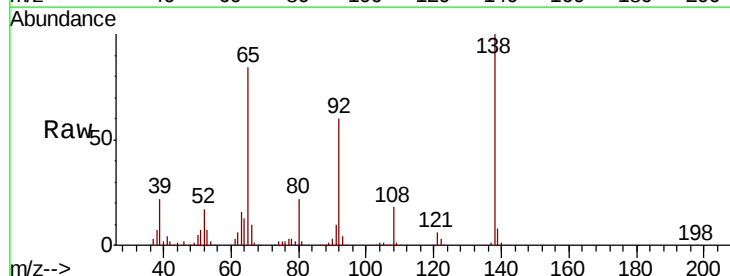
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 34.083 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.7	58.0	87.0
138	119.0	94.1	141.1

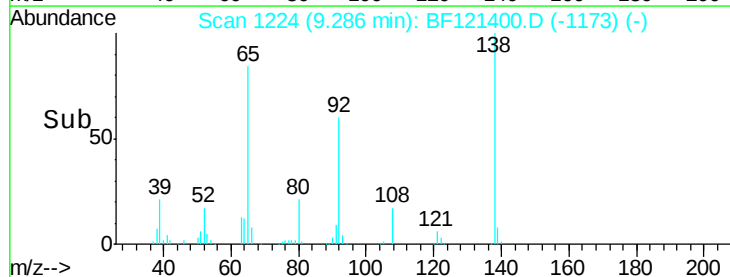
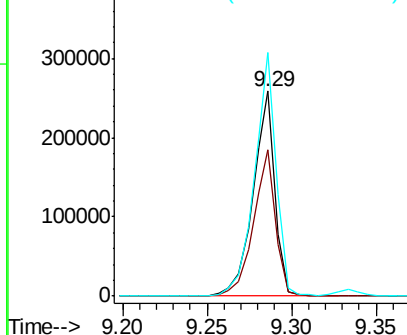


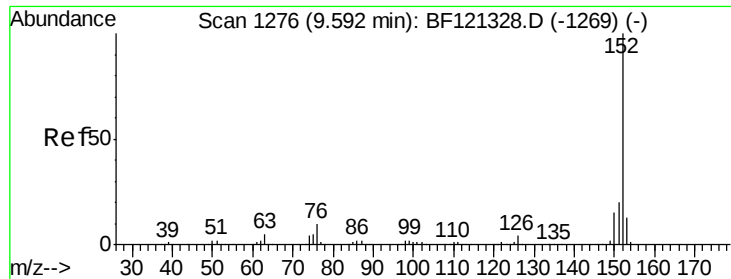
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.013 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

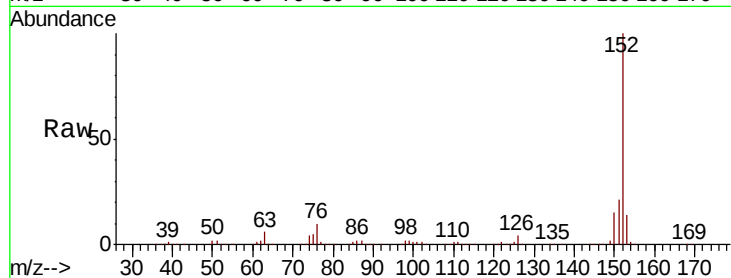
Tot Ion:152 Resp: 1167465

Ion Ratio Lower Upper

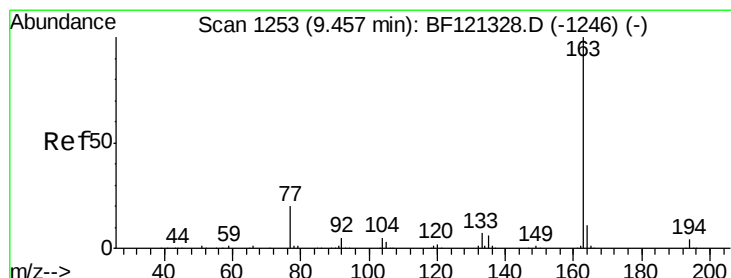
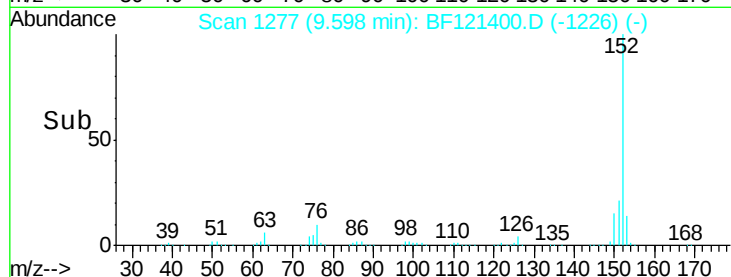
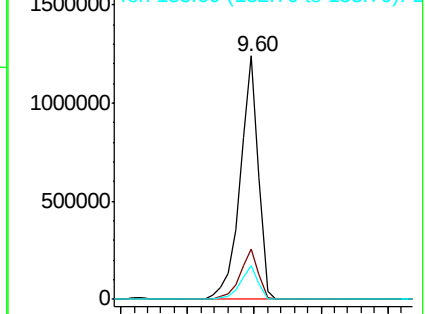
152 100

151 20.7 16.5 24.7

153 13.6 10.8 16.2



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



#50

Dimethylphthalate

Concen: 34.936 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

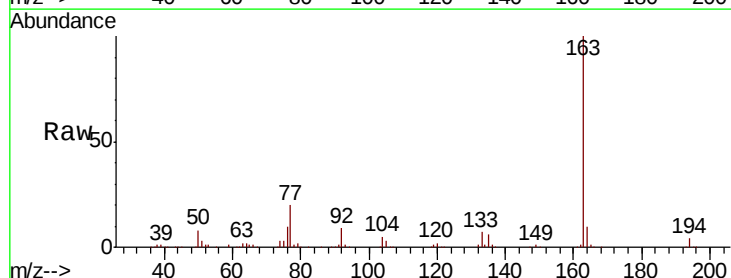
Tgt Ion:163 Resp: 898367

Ion Ratio Lower Upper

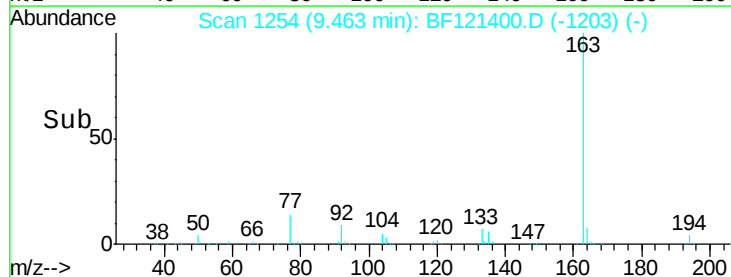
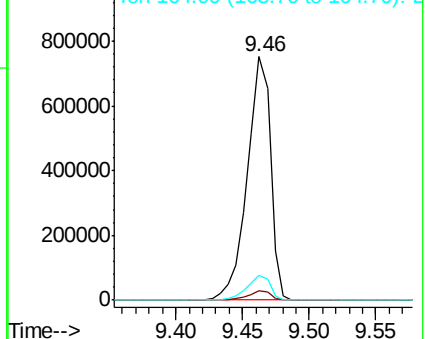
163 100

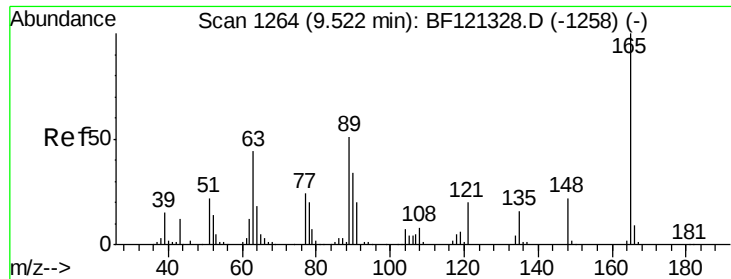
194 3.7 3.1 4.7

164 10.3 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

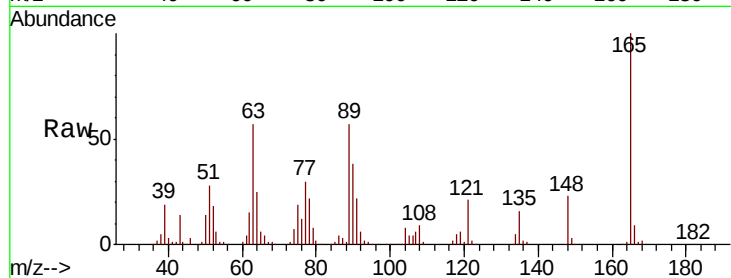




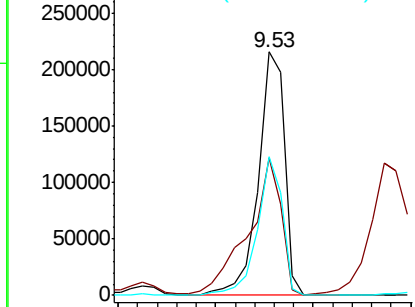
#51
 2,6-Dinitrotoluene
 Concen: 36.740 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

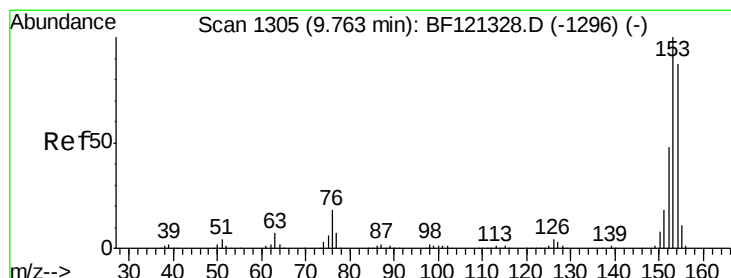
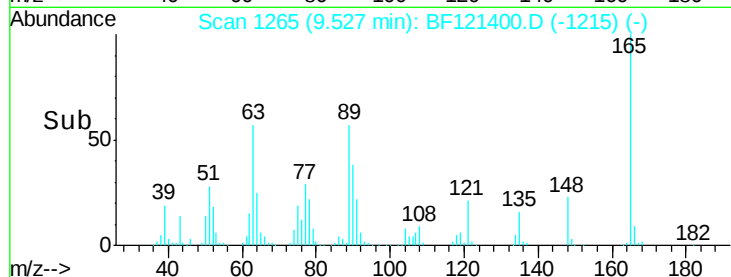
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	36.1	54.1#
89	57.1	39.4	59.2



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

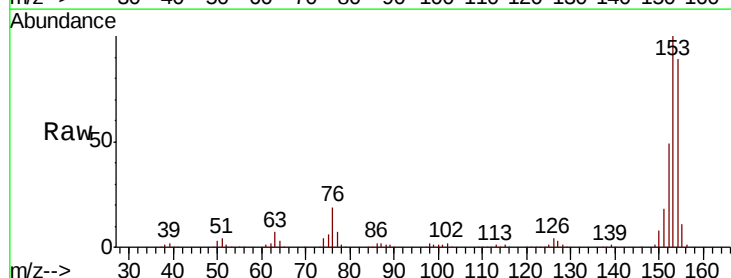


Time--> 9.45 9.50 9.55

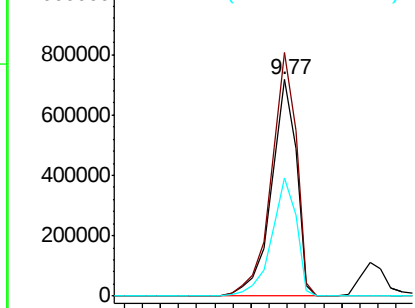


#52
 Acenaphthene
 Concen: 34.885 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

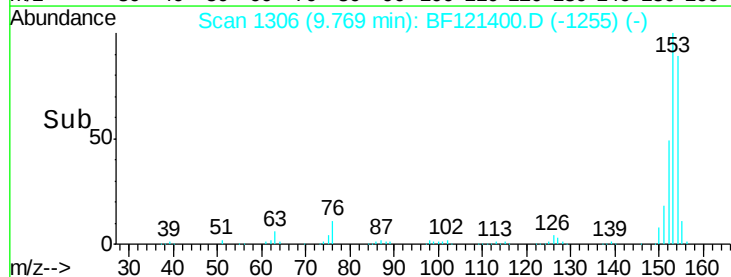
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	89.1	133.7
152	54.6	43.2	64.8

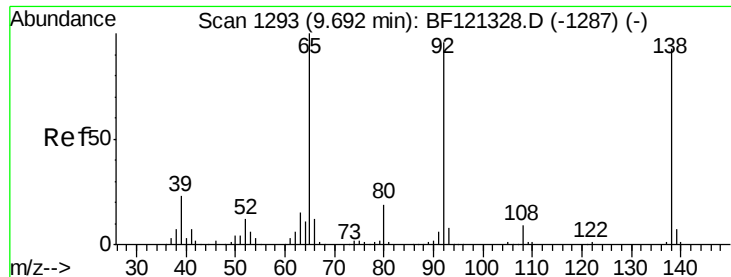


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E



Time--> 9.70 9.75 9.80

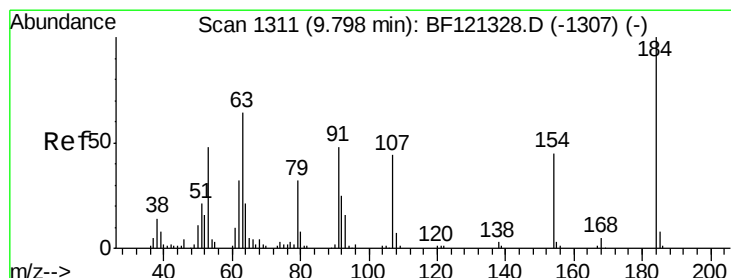
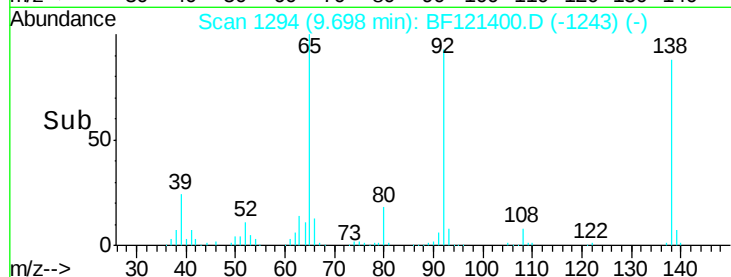
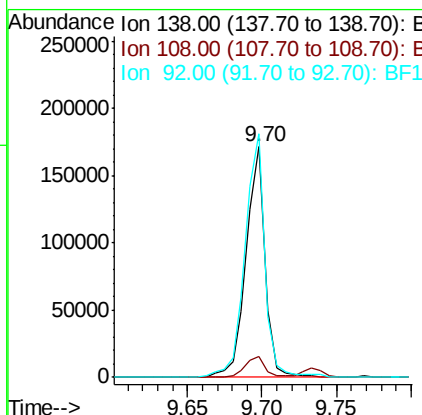
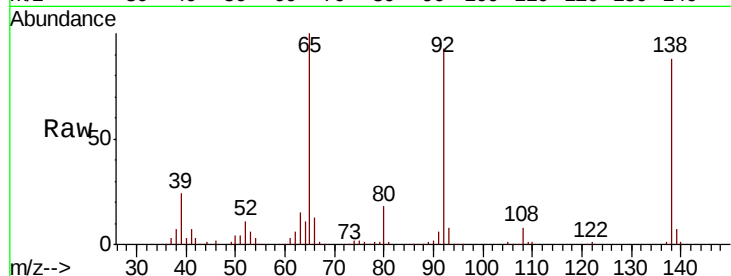




#53
 3-Nitroaniline
 Concen: 22.195 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

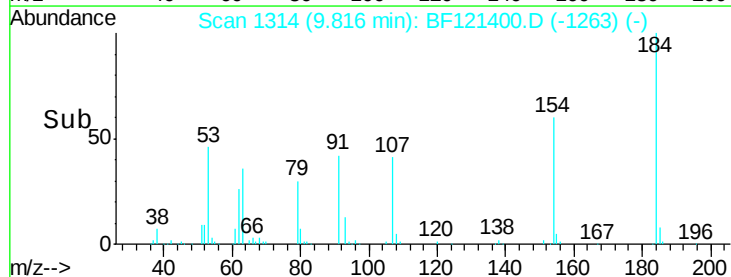
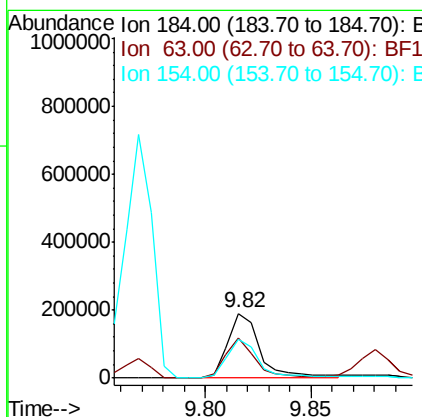
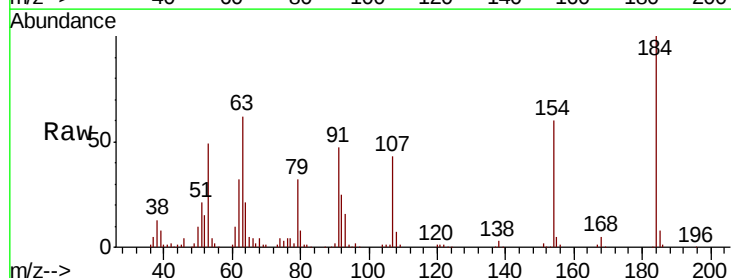
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

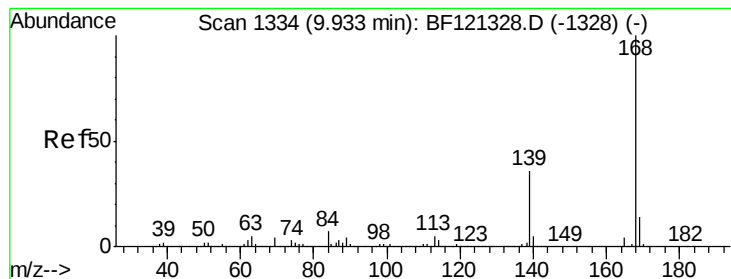
Tot Ion:138 Resp: 152482
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.9 11.9
 92 105.6 87.2 130.8



#54
 2,4-Dinitrophenol
 Concen: 76.066 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:184 Resp: 201390
 Ion Ratio Lower Upper
 184 100
 63 62.2 48.2 72.2
 154 59.5 47.7 71.5





#55

Dibenzofuran

Concen: 38.508 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

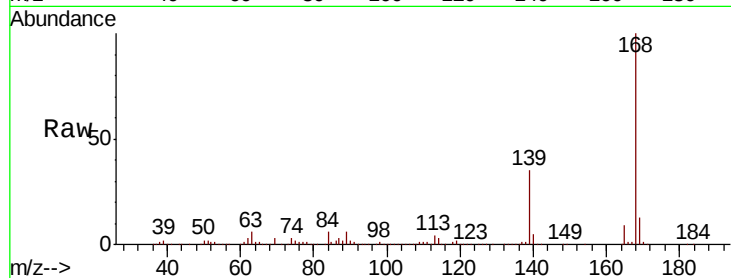
Tot Ion:168 Resp: 987715

Ion Ratio Lower Upper

168 100

139 34.9 28.2 42.4

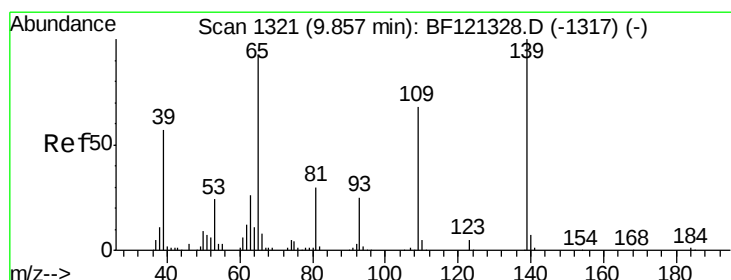
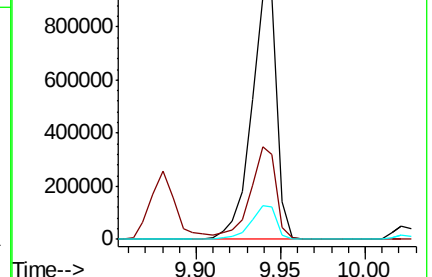
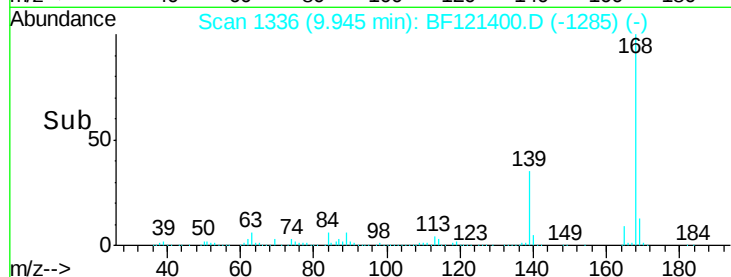
169 13.1 10.6 16.0



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: 63.097 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

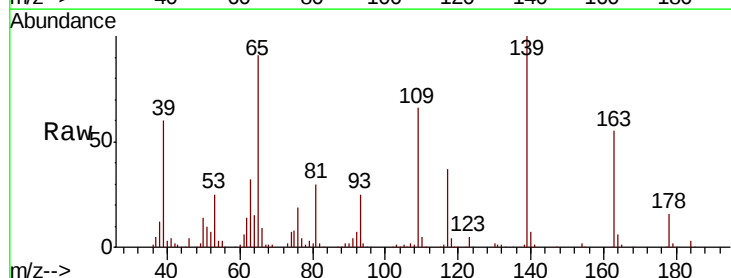
Tgt Ion:139 Resp: 267335

Ion Ratio Lower Upper

139 100

109 66.4 46.1 86.1

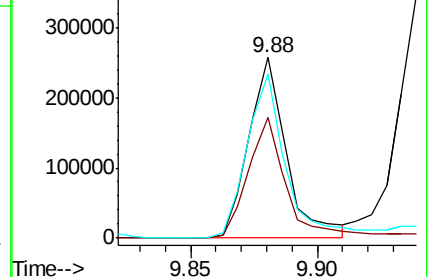
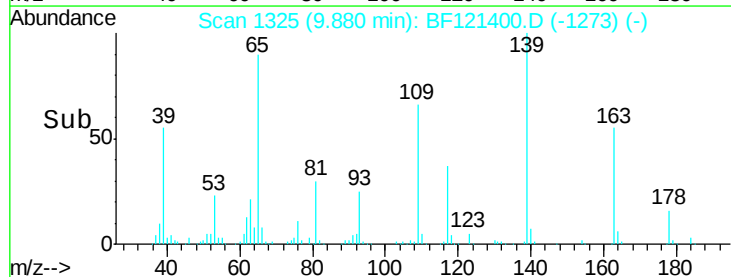
65 90.7 71.1 111.1

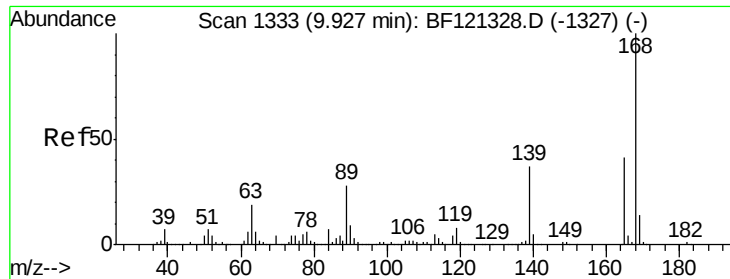


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

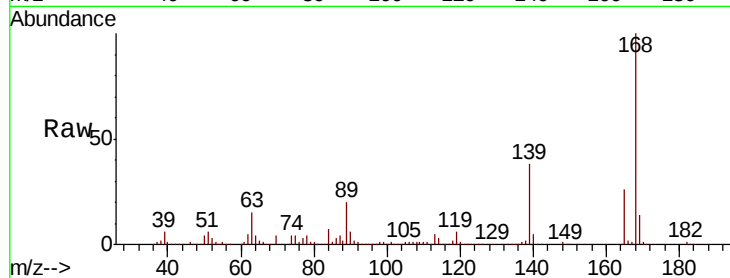




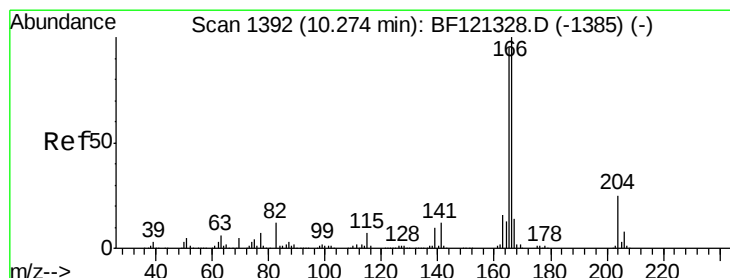
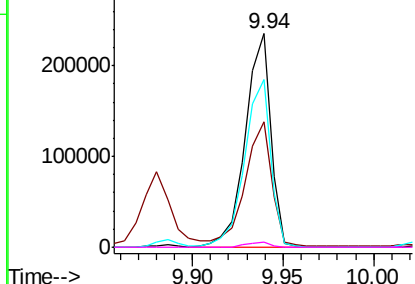
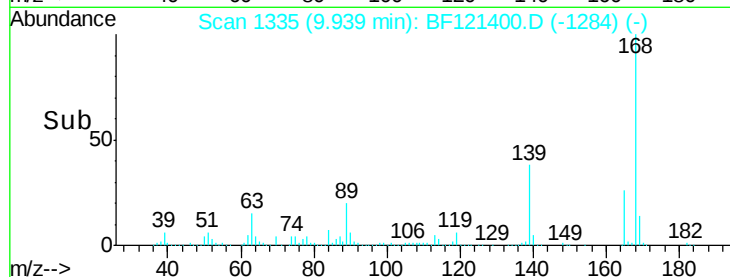
#57
2,4-Dinitrotoluene
Concen: 34.387 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion:	165	Resp:	230382
Ion	Ratio	Lower	Upper
165	100		
63	59.0	45.0	67.6
89	78.2	60.2	90.2
182	2.5	2.1	3.1

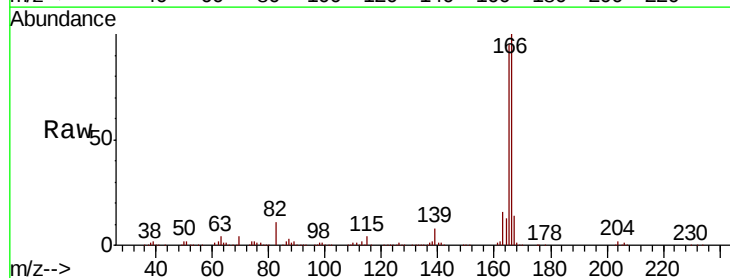


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

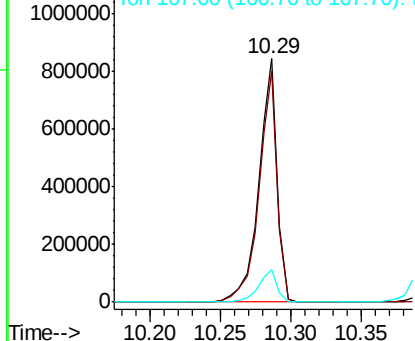
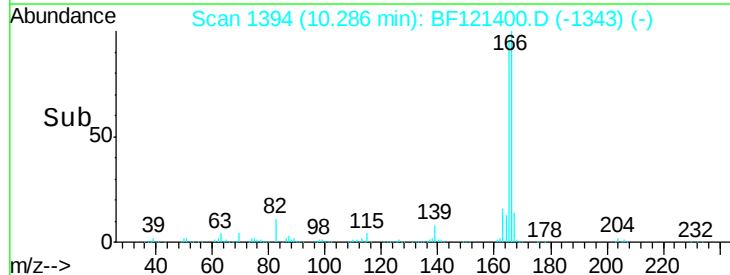


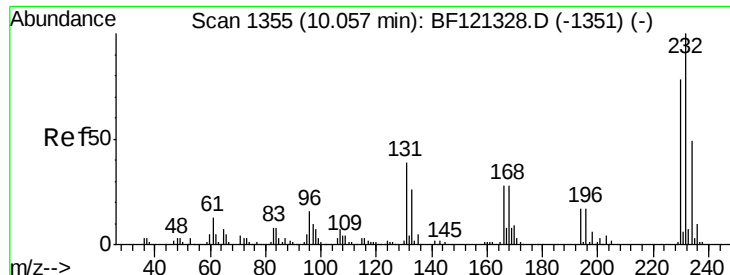
#58
Fluorene
Concen: 41.023 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:	166	Resp:	768706
Ion	Ratio	Lower	Upper
166	100		
165	94.9	75.0	112.6
167	13.5	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

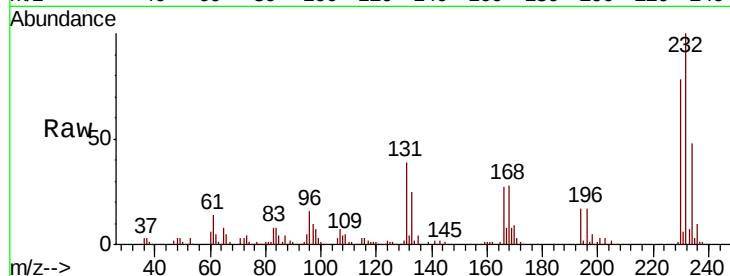




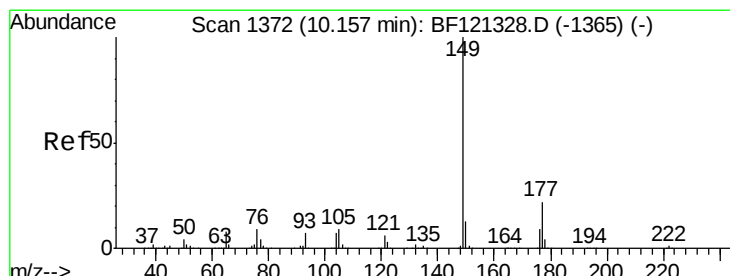
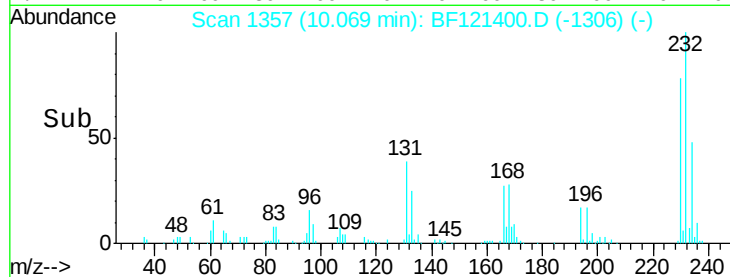
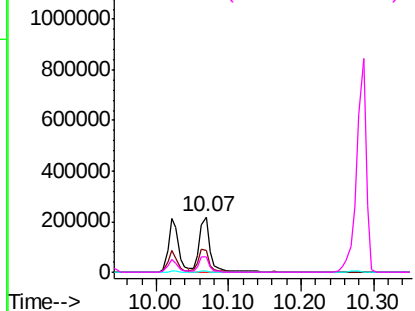
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.337 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion:	232	Resp:	235502
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.5	48.7
130	2.0	1.5	2.3
166	26.9	21.8	32.8

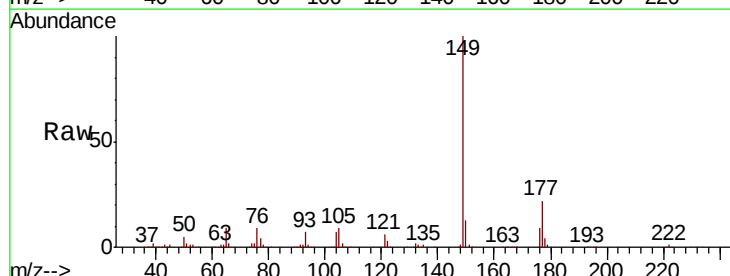


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

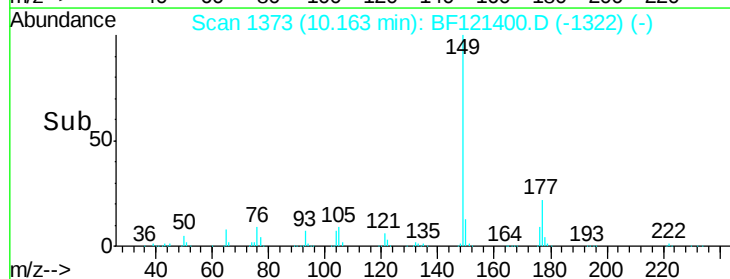
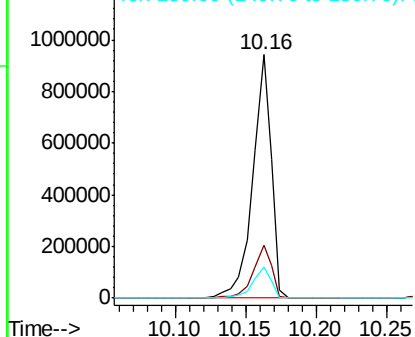


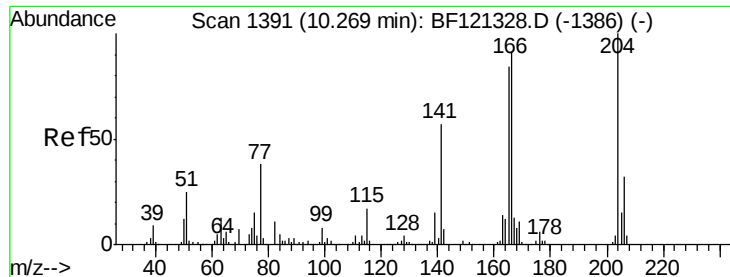
#60
 Diethylphthalate
 Concen: 34.554 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:	149	Resp:	867654
Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.8	26.6
150	12.7	10.0	15.0



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: 39.726 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

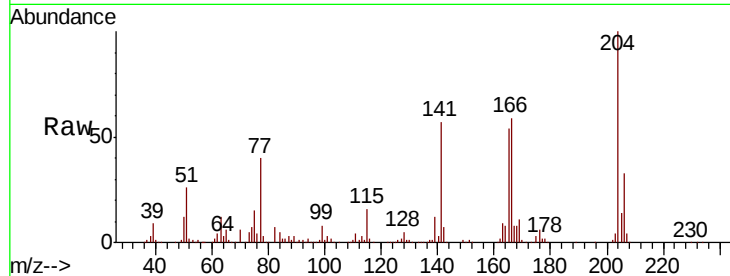
Tot Ion:204 Resp: 376751

Ion Ratio Lower Upper

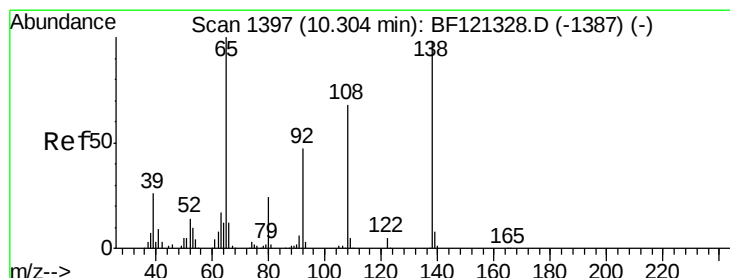
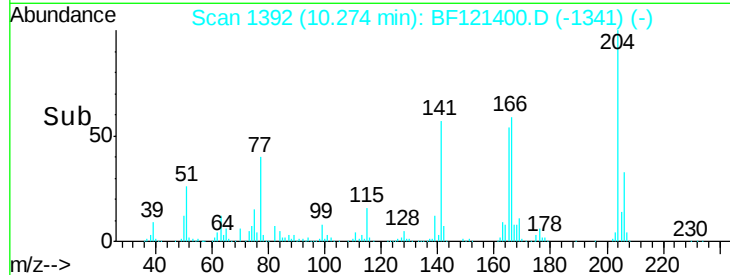
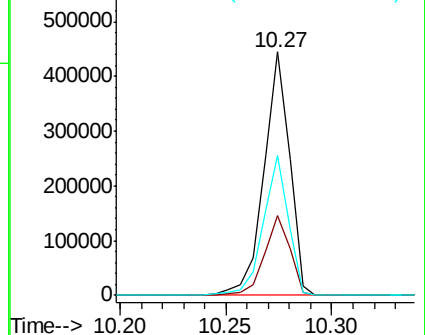
204 100

206 32.6 26.2 39.4

141 57.5 46.2 69.4



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



#62

4-Nitroaniline

Concen: 31.744 ng

RT: 10.32 min Scan# 1399

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

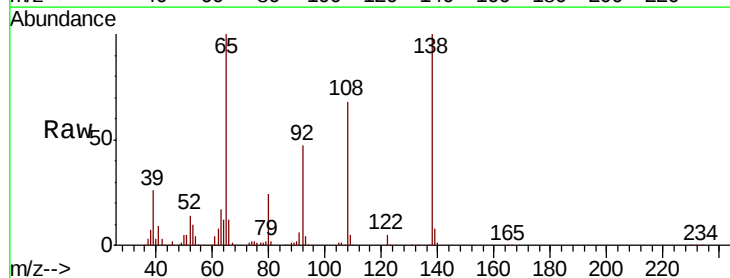
Tgt Ion:138 Resp: 223448

Ion Ratio Lower Upper

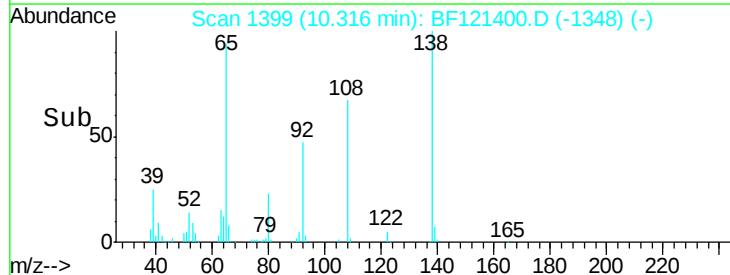
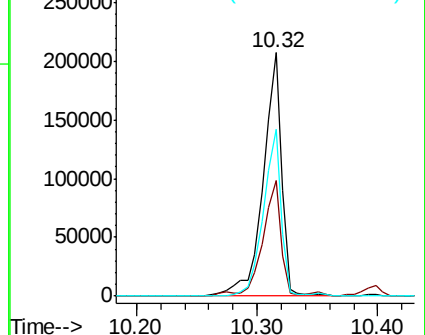
138 100

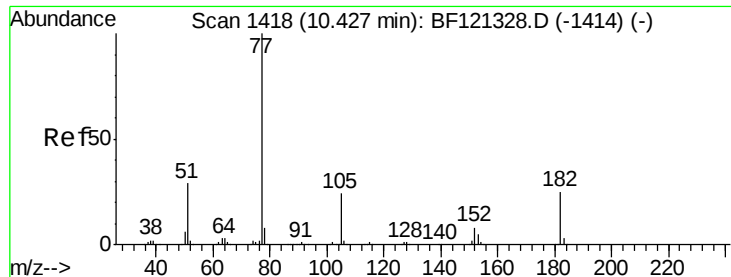
92 47.5 26.6 66.6

108 68.5 48.9 88.9



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





#63

Azobenzene

Concen: 35.231 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

Tot Ion: 77 Resp: 821673

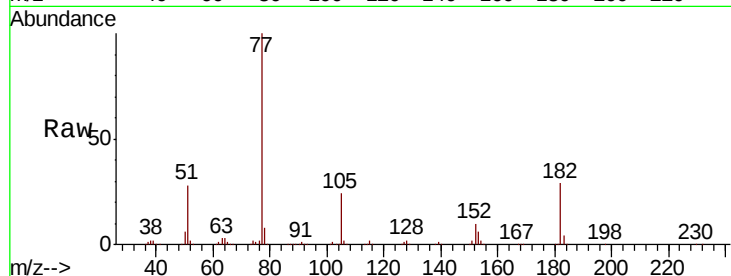
Ion Ratio Lower Upper

77 100

182 29.3 7.7 47.7

105 24.3 3.8 43.8

51 28.2 8.0 48.0

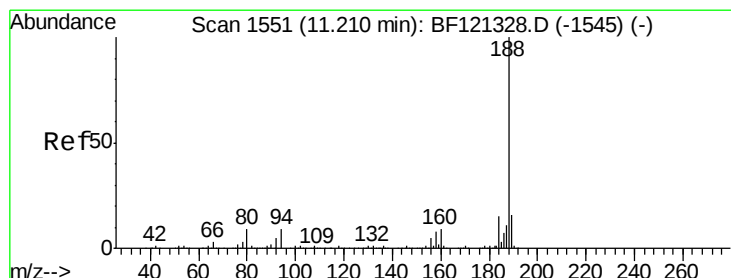
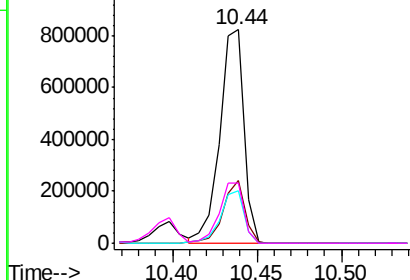
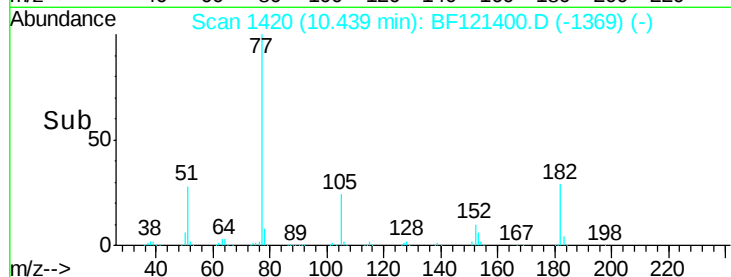


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

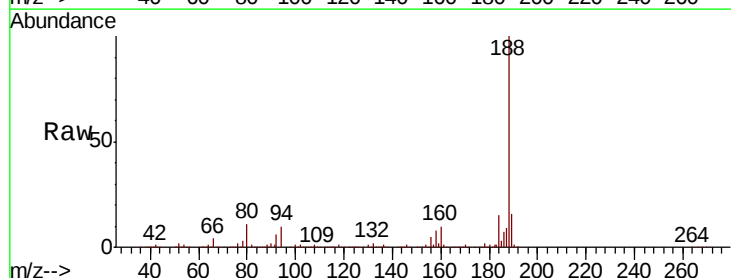
Tgt Ion: 188 Resp: 665529

Ion Ratio Lower Upper

188 100

94 10.2 7.1 10.7

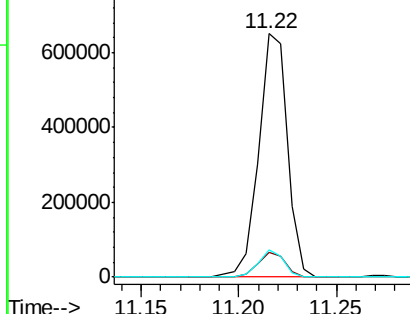
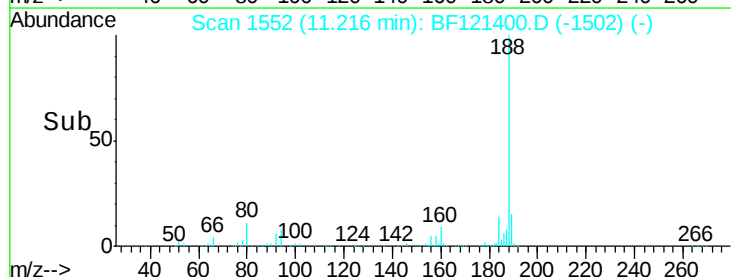
80 11.0 7.1 10.7#

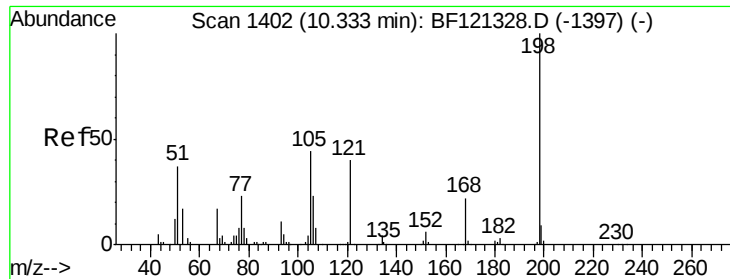


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

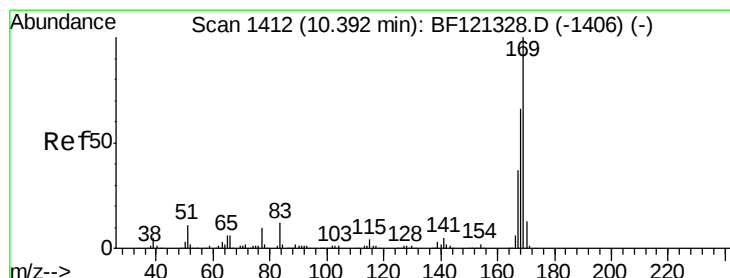
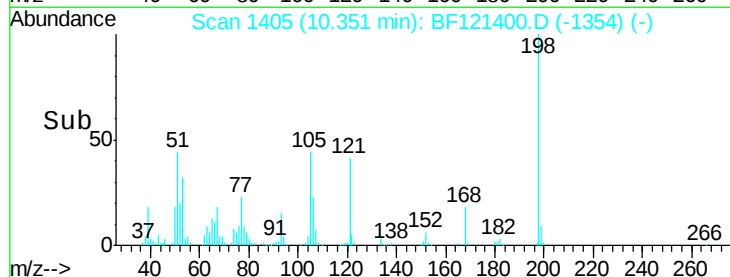
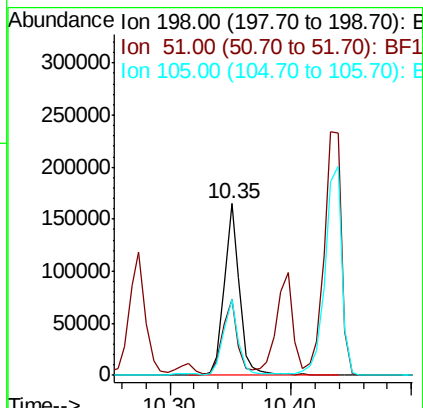
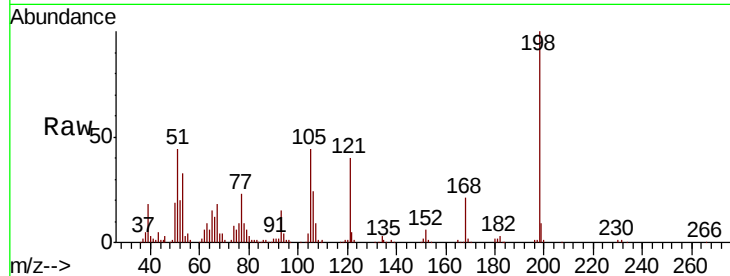




#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.597 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

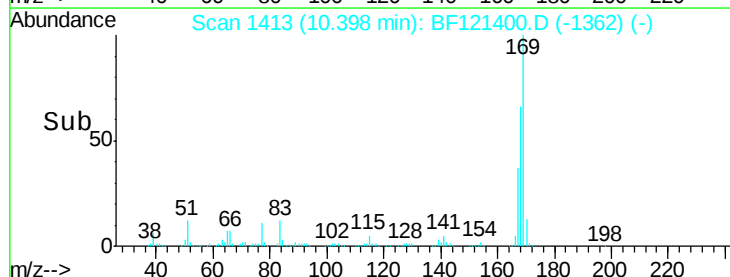
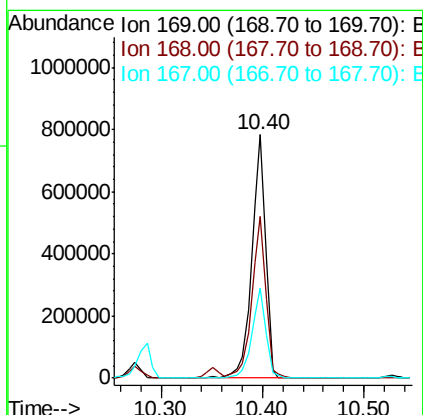
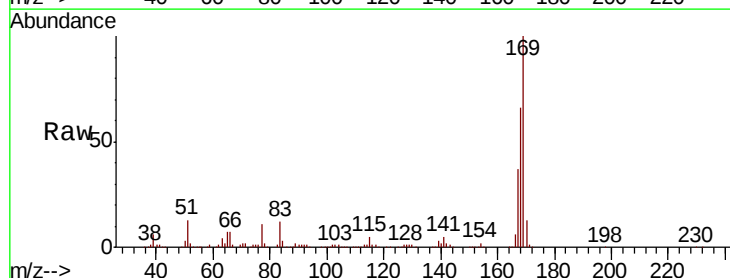
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

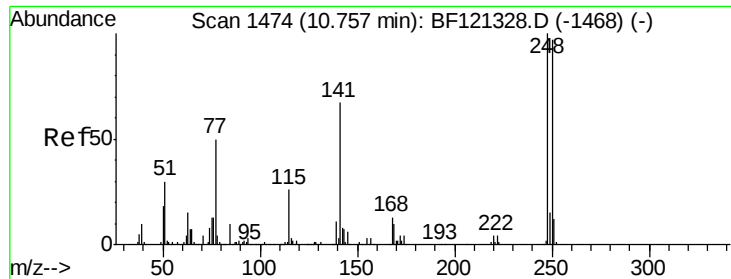
Tot Ion:198 Resp: 144494
 Ion Ratio Lower Upper
 198 100
 51 44.0 23.9 63.9
 105 43.9 24.8 64.8



#66
 n-Nitrosodiphenylamine
 Concen: 36.045 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:169 Resp: 739959
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.9 80.9
 167 37.1 29.9 44.9

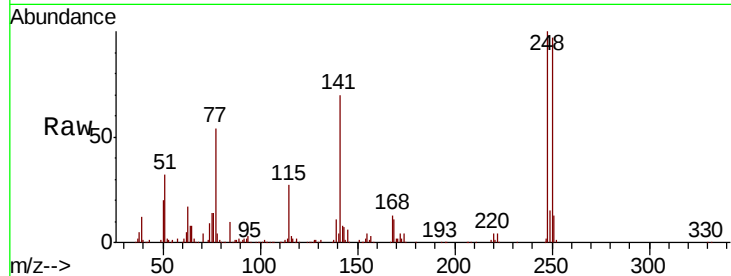




#67
4-Bromophenyl-phenylether
Concen: 34.737 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Instrument :
BNA_F
ClientSampleId :
PB131155BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.6
141	70.0	57.4	86.2

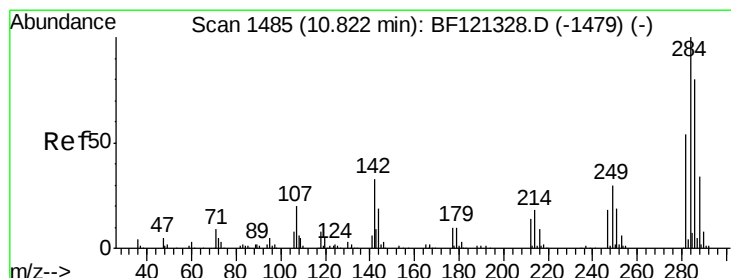
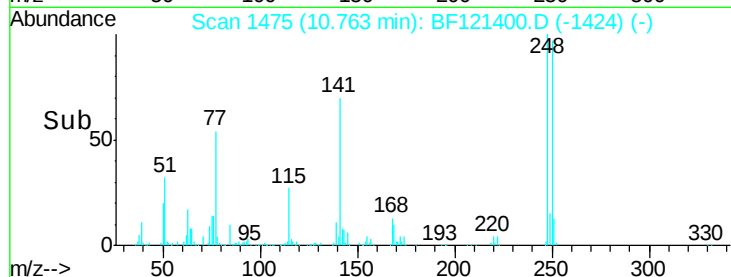
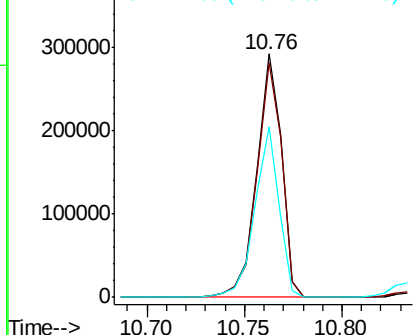


Abundance

Ion 248.00 (247.70 to 248.70): E

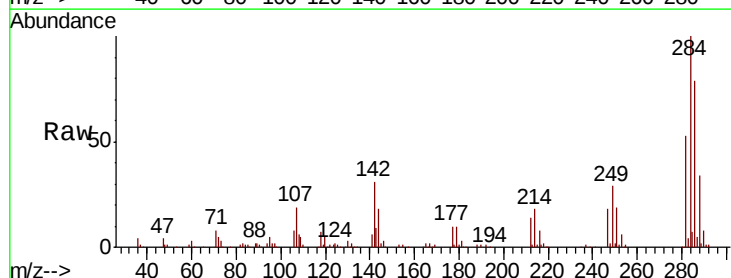
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.990 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.5	39.7
249	29.0	23.7	35.5

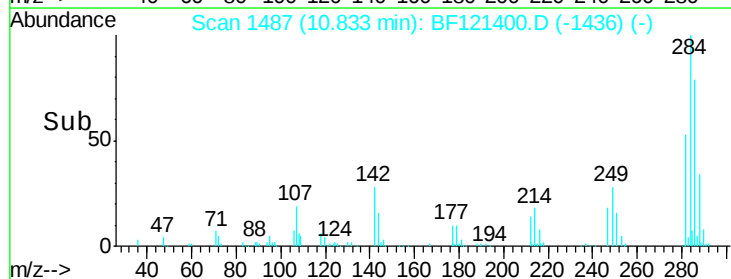
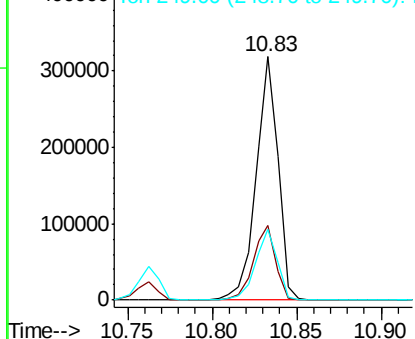


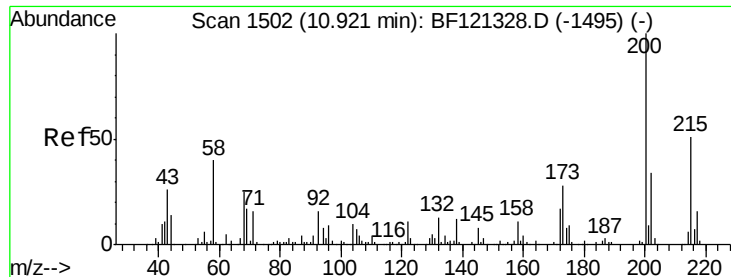
Abundance

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

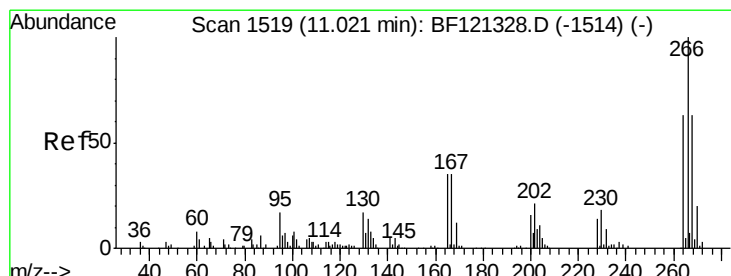
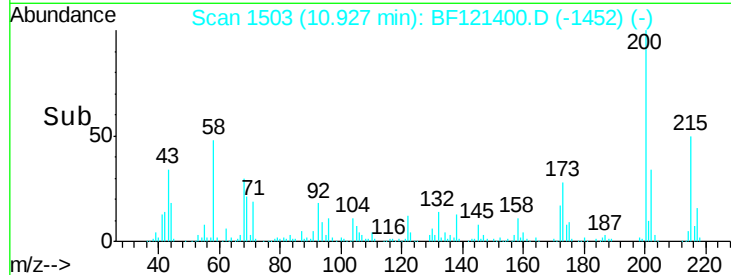
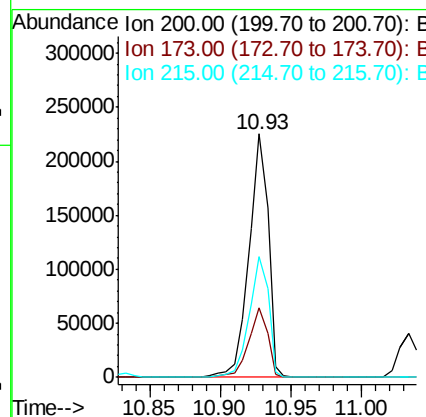
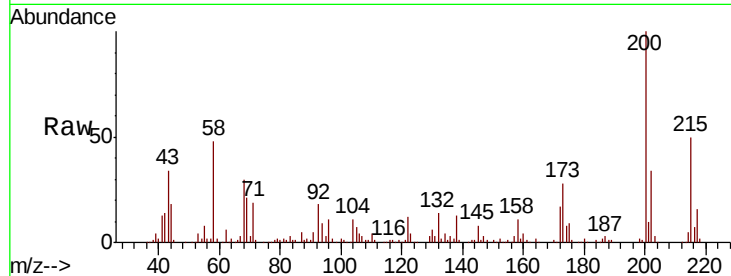




#69
 Atrazine
 Concen: 33.854 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

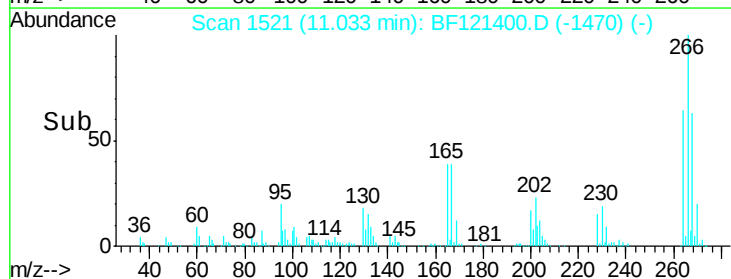
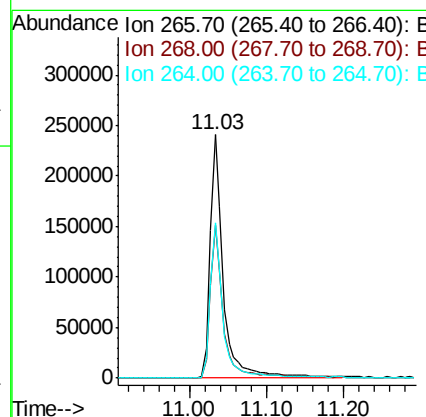
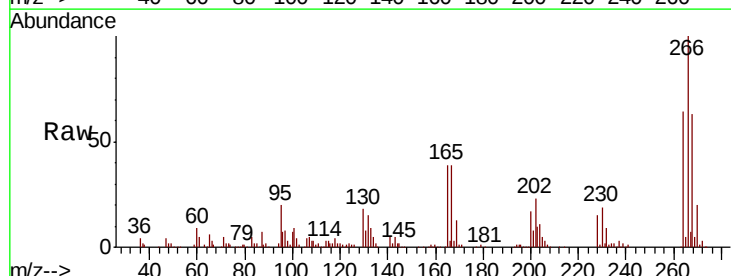
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

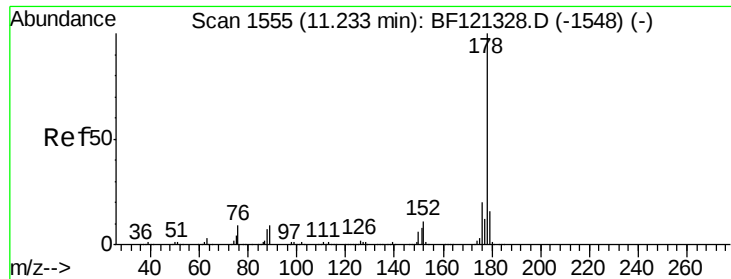
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	8.5	48.5
215	49.6	30.3	70.3



#70
 Pentachlorophenol
 Concen: 75.943 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.3	75.5
264	63.7	50.3	75.5

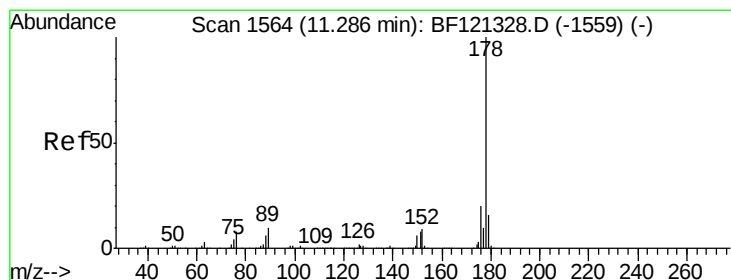
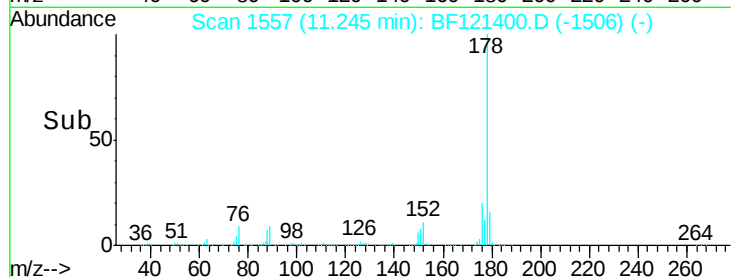
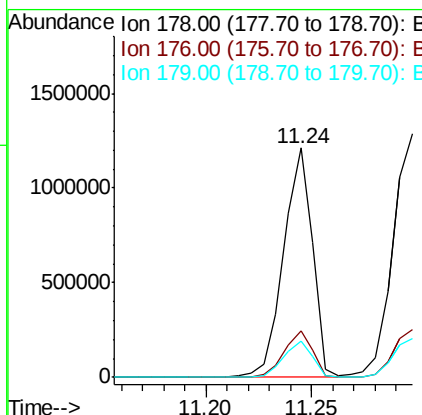
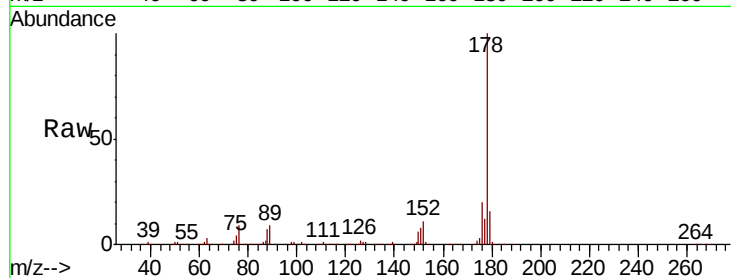




#71
Phenanthrene
Concen: 33.683 ng
RT: 11.24 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

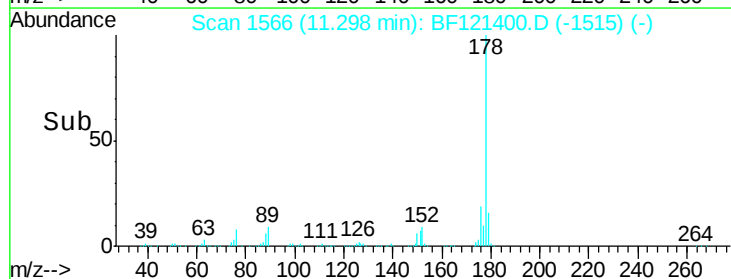
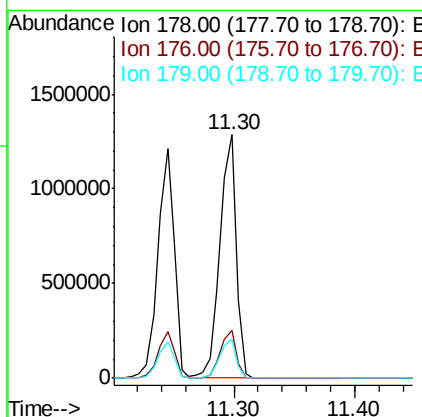
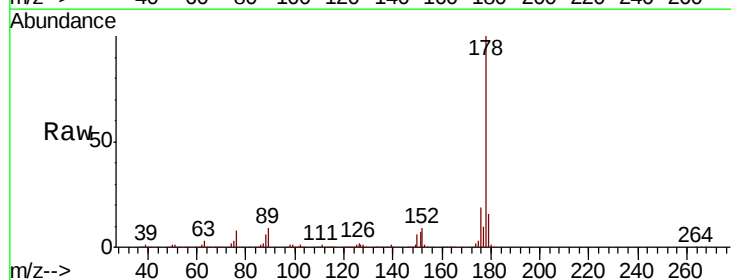
Instrument :
BNA_F
ClientSampleId :
PB131155BS

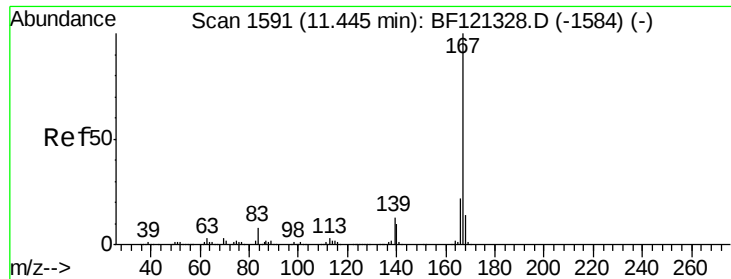
Tot Ion:178 Resp: 1160196
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 16.0 12.7 19.1



#72
Anthracene
Concen: 35.983 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF121400.D
Acq: 24 Aug 2020 15:27

Tgt Ion:178 Resp: 1193529
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.9 12.6 18.8

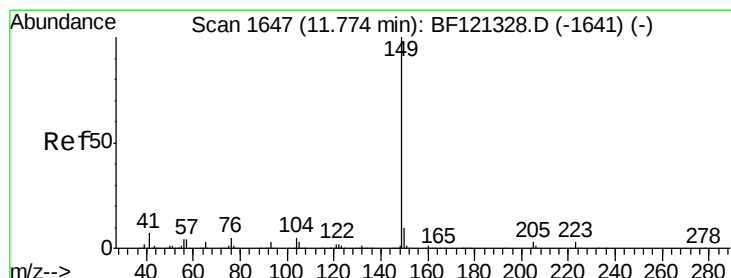
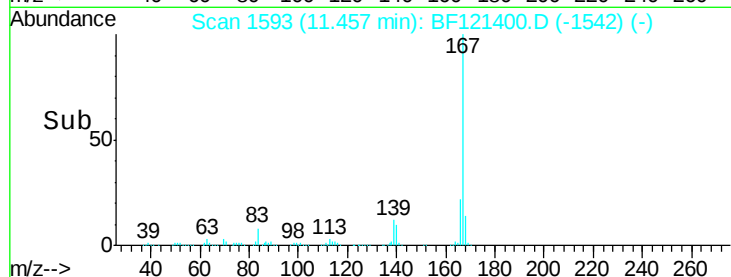
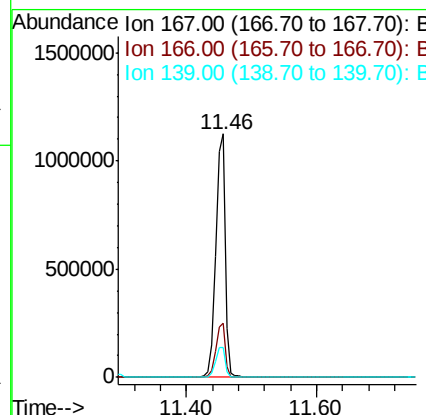
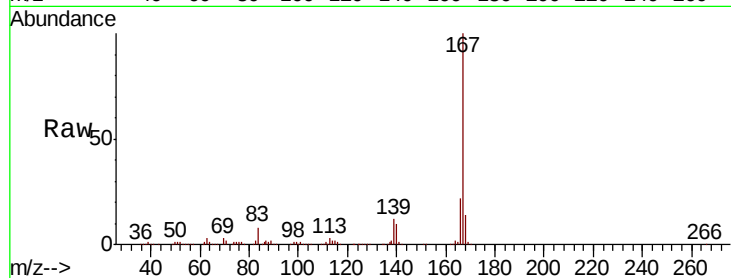




#73
 Carbazole
 Concen: 35.714 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

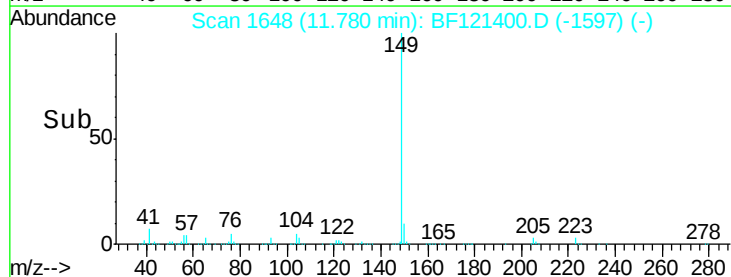
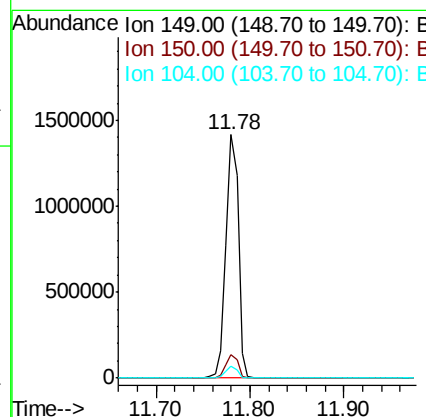
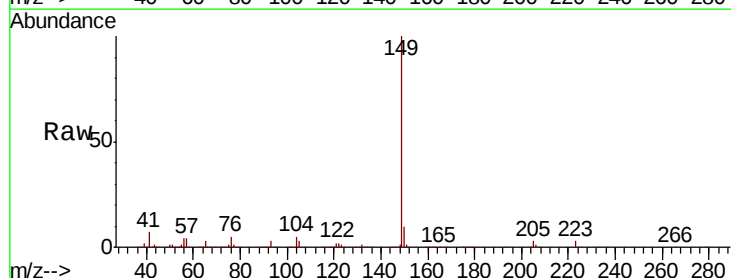
Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

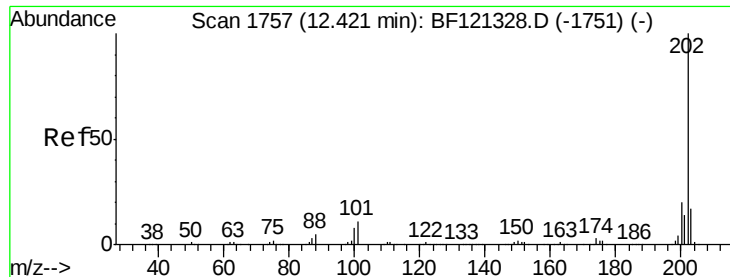
Tot Ion:167 Resp: 1130539
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 12.3 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 34.380 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:149 Resp: 1312374
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 34.099 ng

RT: 12.43 min Scan# 1759

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

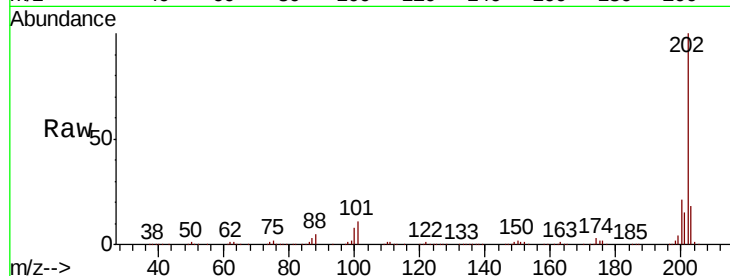
Tot Ion:202 Resp: 1274846

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.0

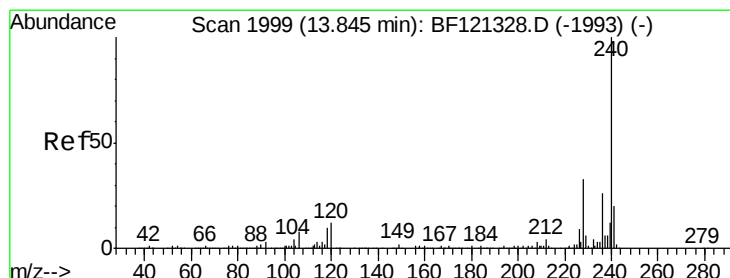
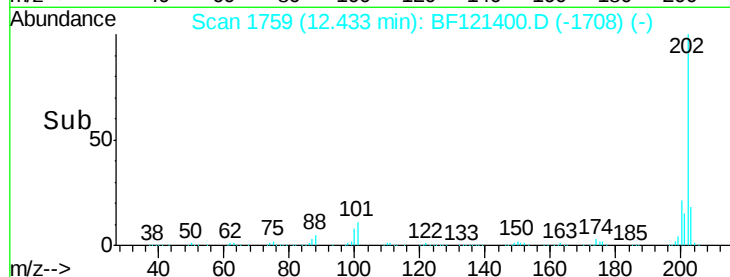
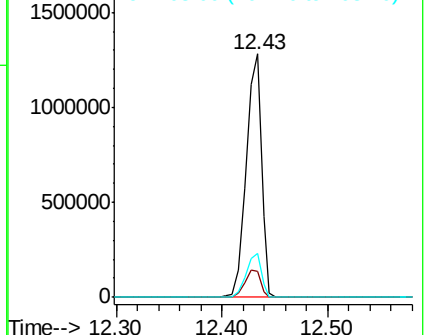
203 17.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

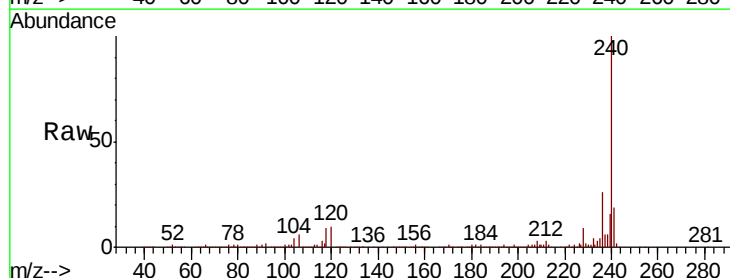
Tgt Ion:240 Resp: 509547

Ion Ratio Lower Upper

240 100

120 9.8 8.7 13.1

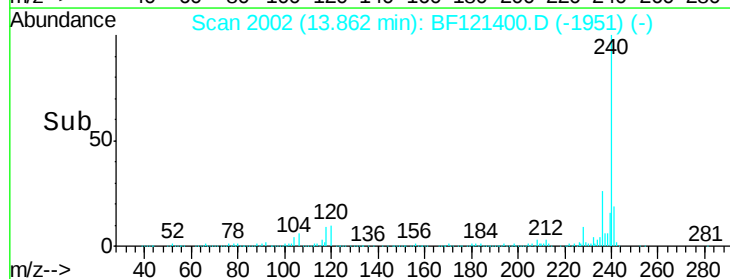
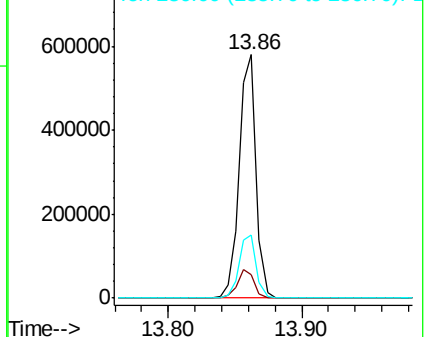
236 26.2 21.0 31.4

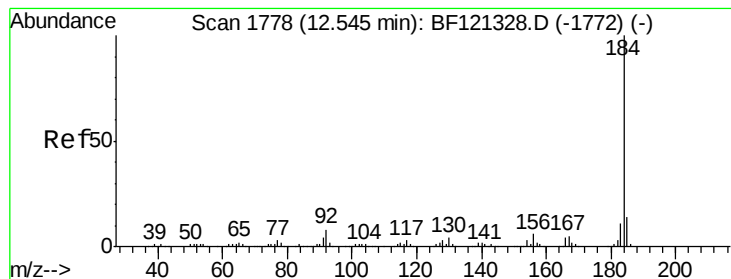


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.321 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

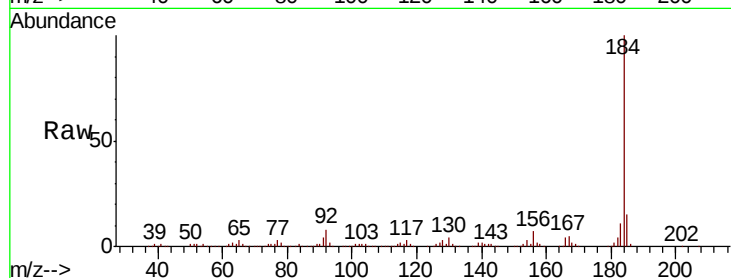
Tot Ion:184 Resp: 734503

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

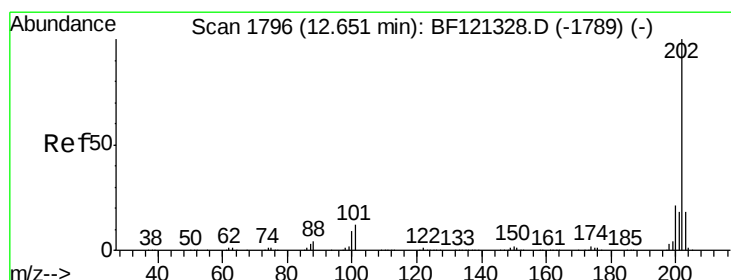
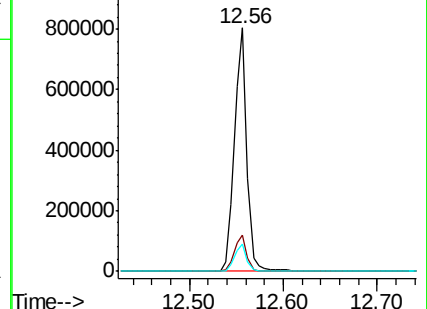
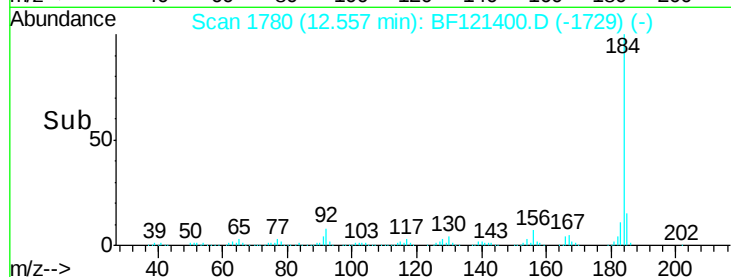
183 11.1 9.0 13.4



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: 34.007 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

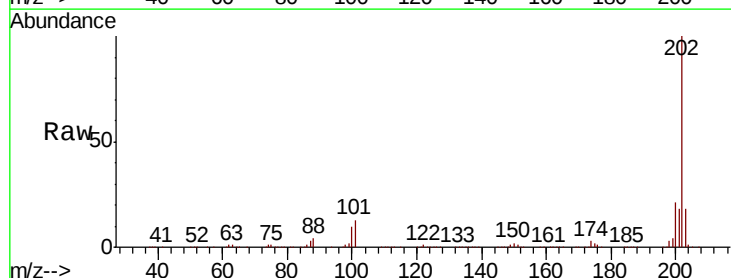
Tgt Ion:202 Resp: 1301621

Ion Ratio Lower Upper

202 100

200 21.4 16.6 25.0

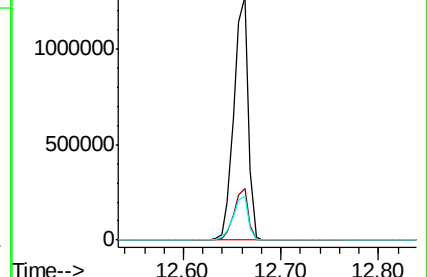
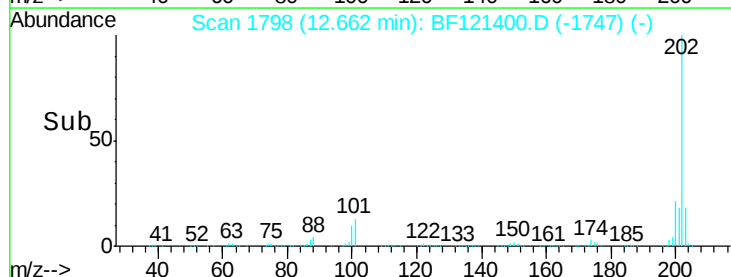
203 18.0 14.1 21.1

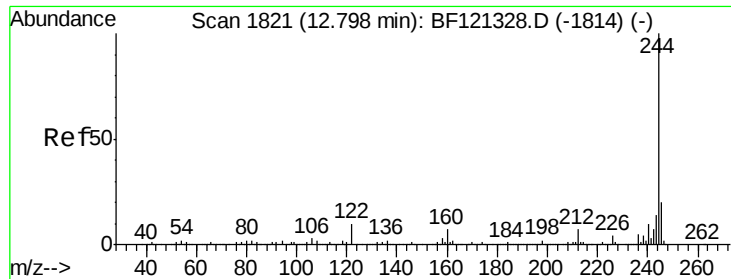


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.393 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

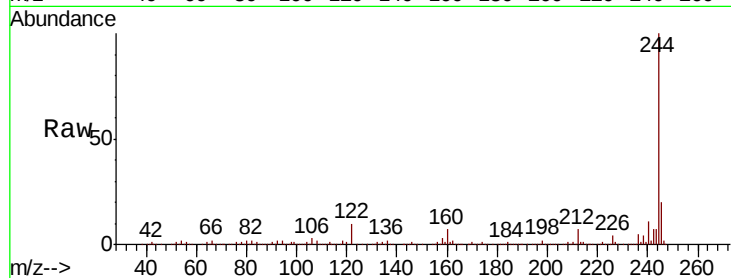
BNA_F

ClientSampleId :

PB131155BS

Tot Ion:244 Resp: 1574758

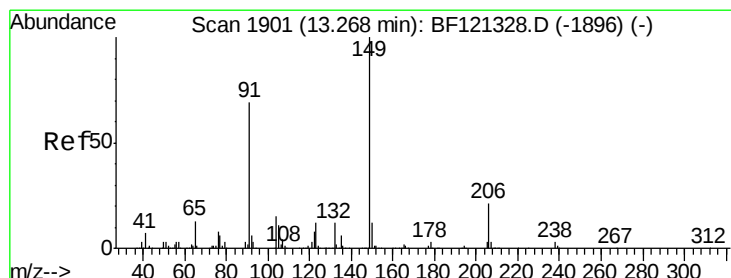
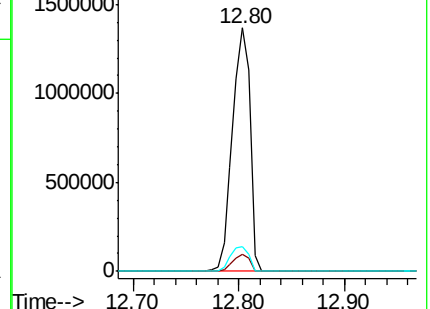
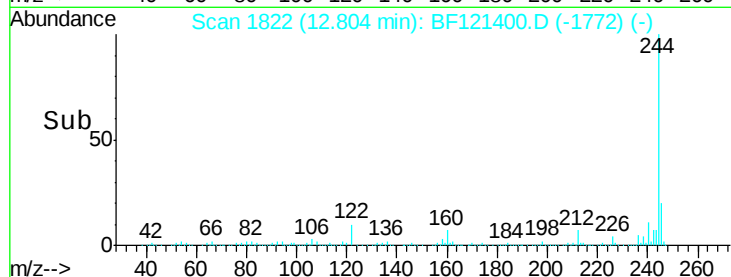
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.3	7.7	11.5



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: 34.640 ng

RT: 13.28 min Scan# 1903

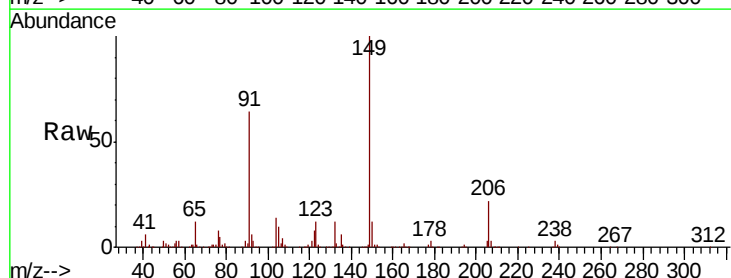
Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:149 Resp: 569715

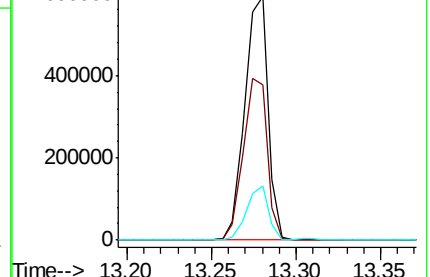
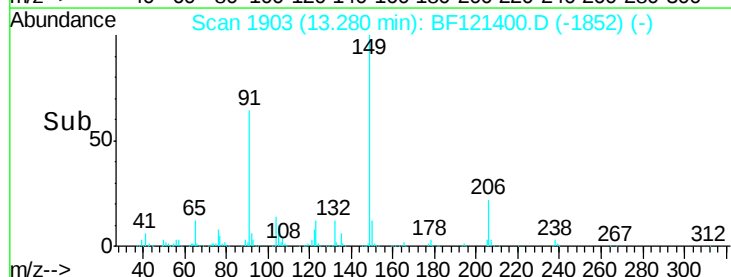
Ion	Ratio	Lower	Upper
149	100		
91	64.0	52.2	78.4
206	22.1	17.8	26.6

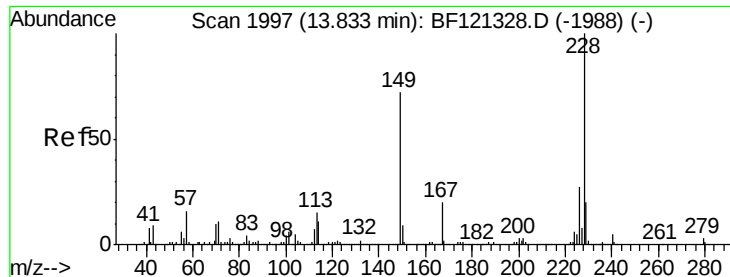


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.207 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

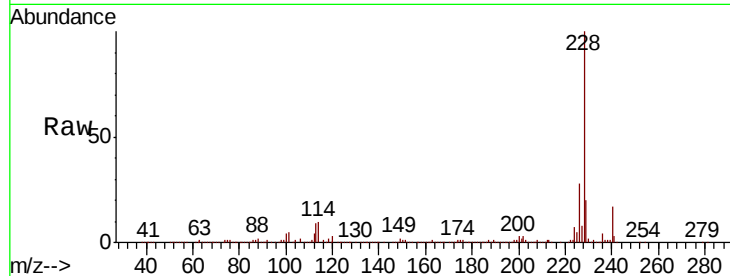
Tot Ion:228 Resp: 1082598

Ion Ratio Lower Upper

228 100

226 28.2 22.6 34.0

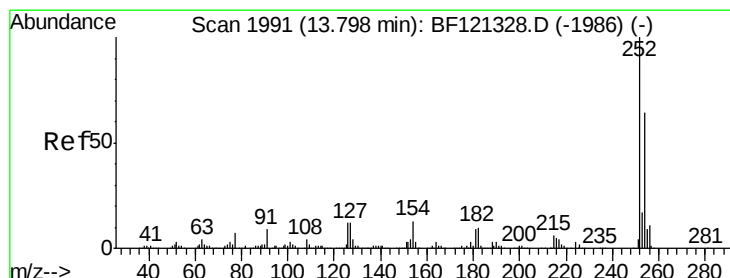
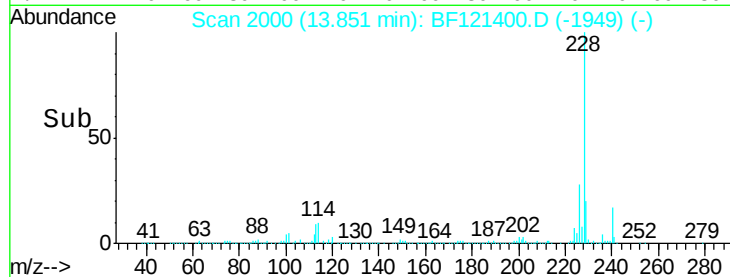
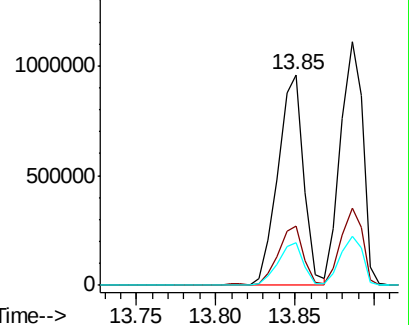
229 20.2 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.225 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

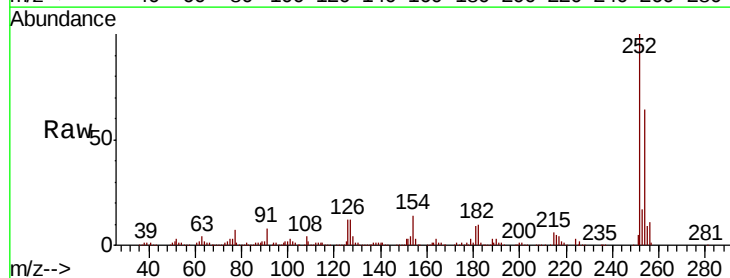
Tgt Ion:252 Resp: 330818

Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

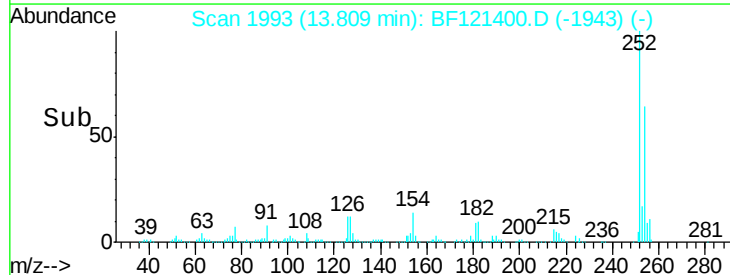
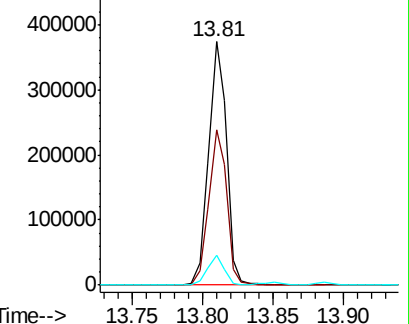
126 12.2 8.2 12.4

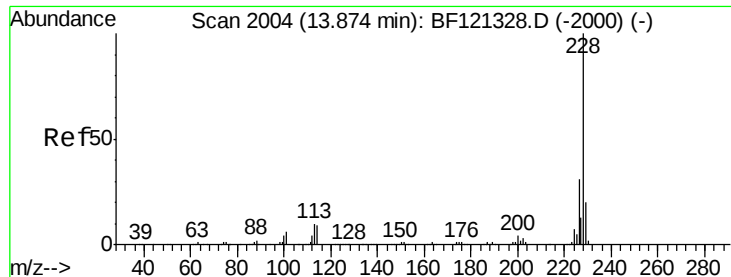


Abundance Ion 252.00 (251.70 to 252.70): E

500000 Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 33.763 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampled :

PB131155BS

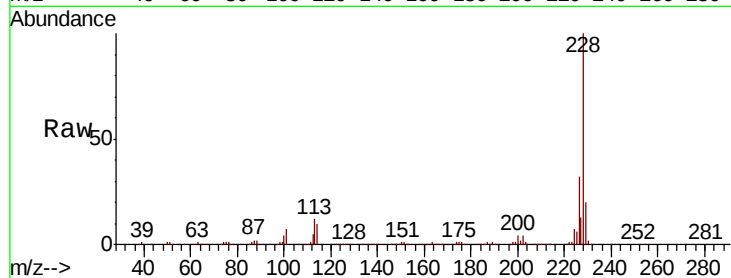
Tot Ion:228 Resp: 1092842

Ion Ratio Lower Upper

228 100

226 31.8 25.0 37.6

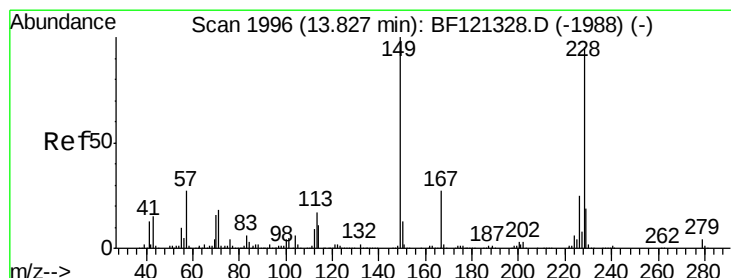
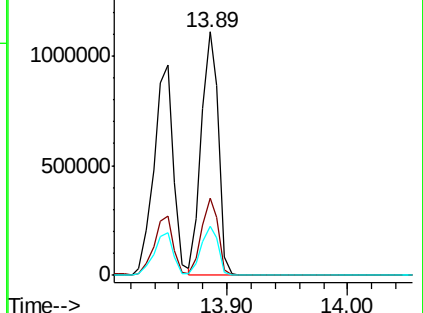
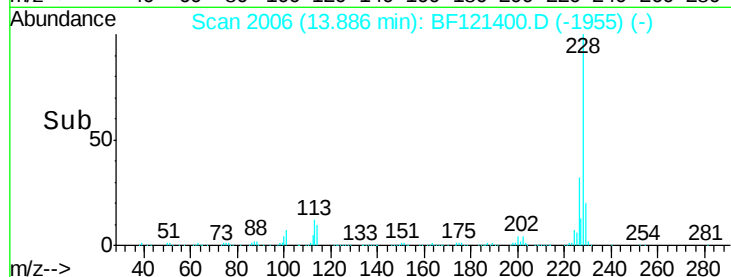
229 20.3 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.265 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

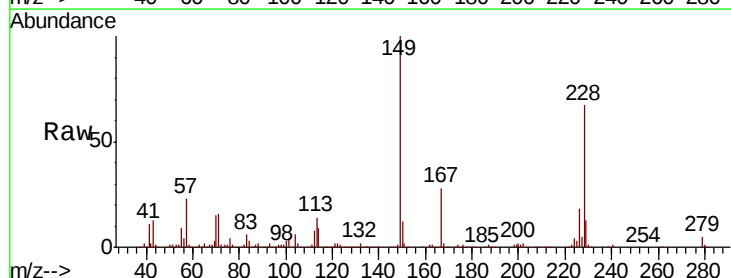
Tgt Ion:149 Resp: 701417

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

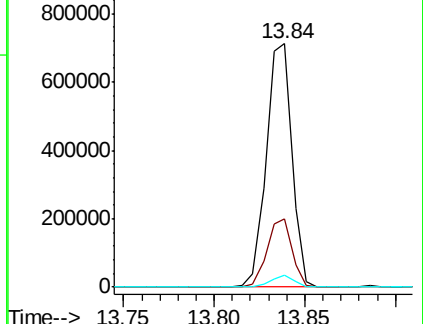
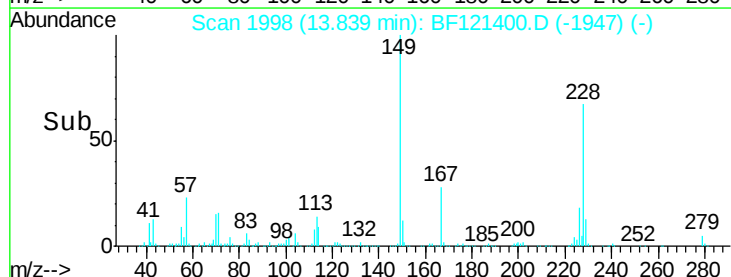
279 4.7 3.6 5.4

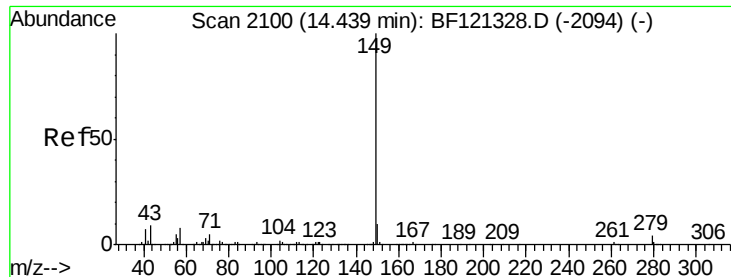


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.462 ng

RT: 14.44 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

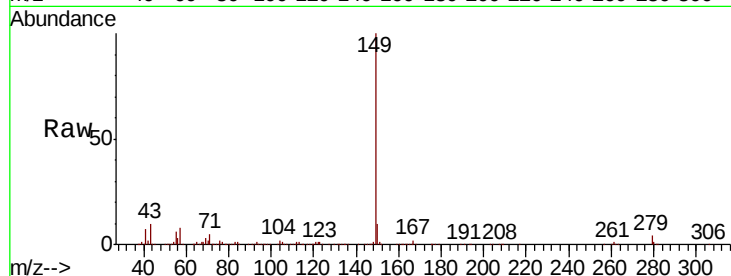
Tot Ion:149 Resp: 1305104

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

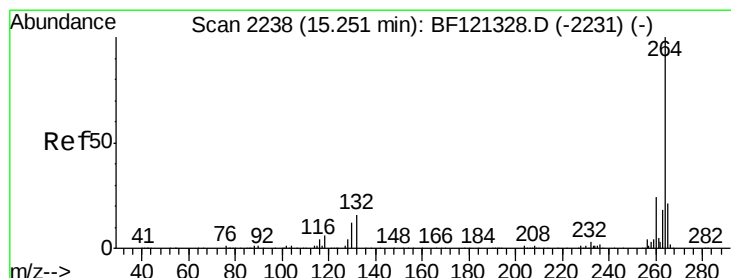
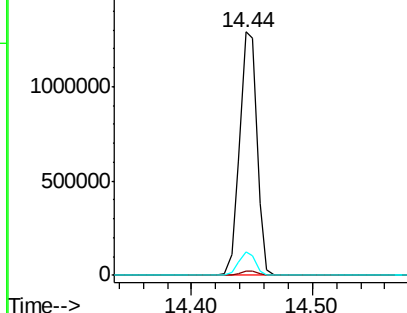
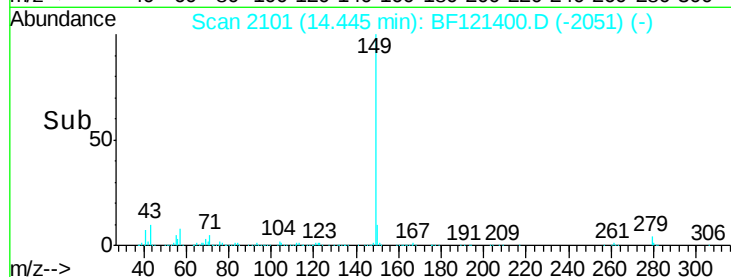
43 9.2 7.4 11.0



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

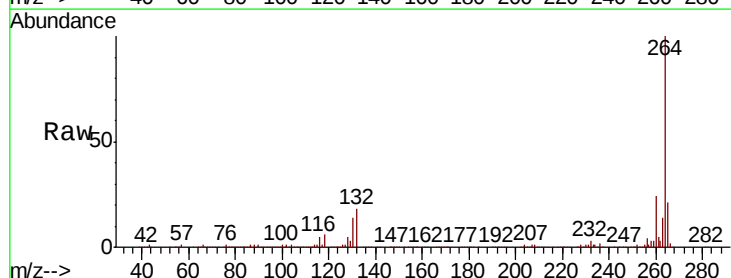
Tgt Ion:264 Resp: 545598

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

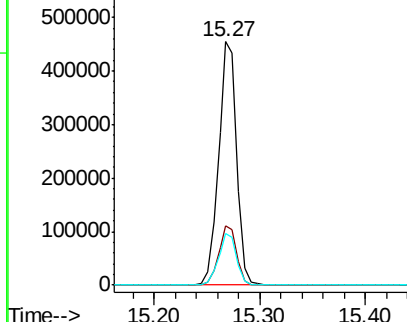
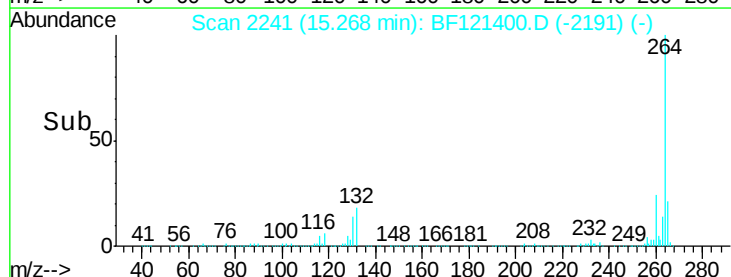
265 21.4 17.3 25.9

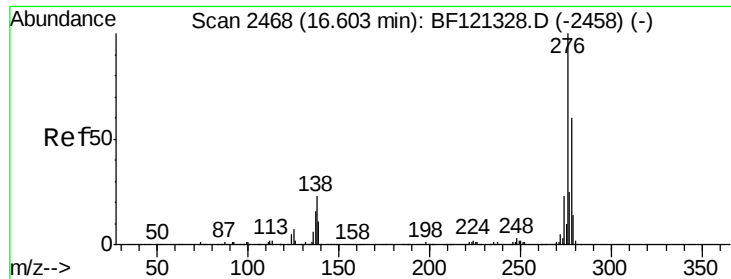


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

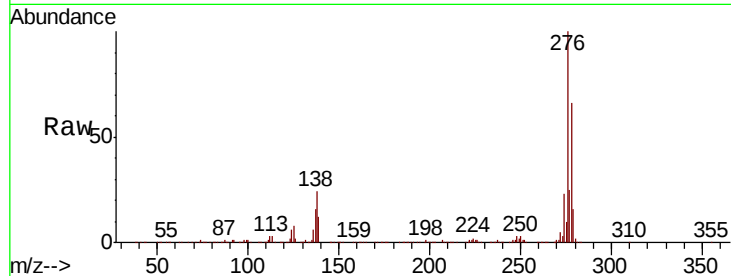




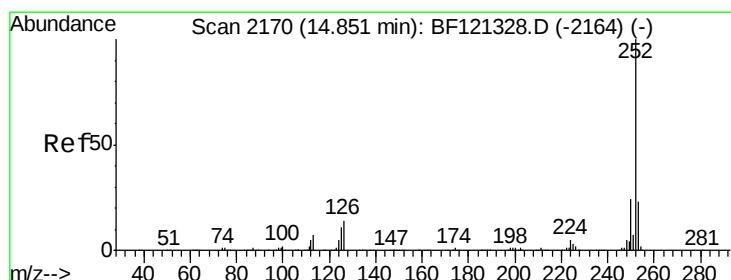
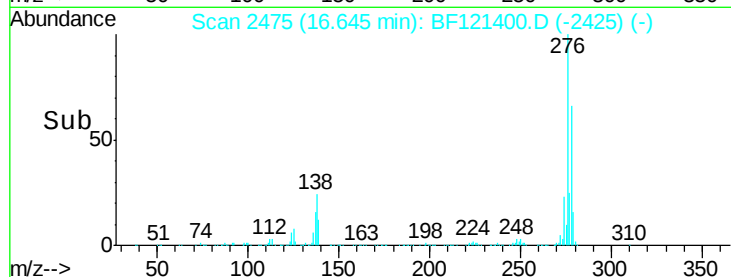
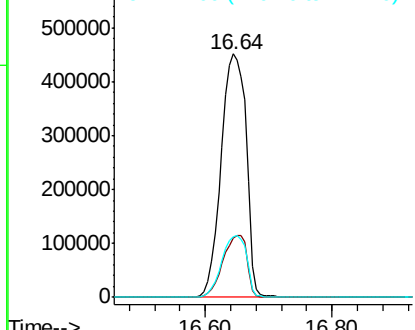
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.128 ng
 RT: 16.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB131155BS

Tot Ion:276 Resp: 1236541
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.4 29.2
 277 25.2 20.2 30.4

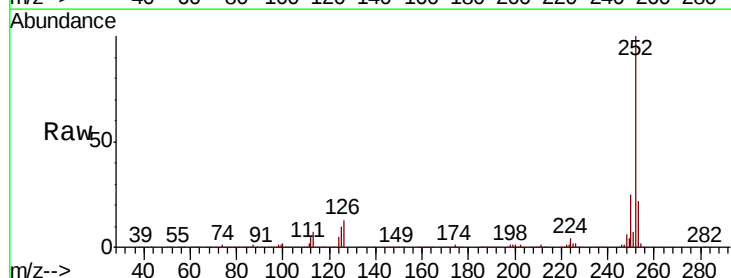


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

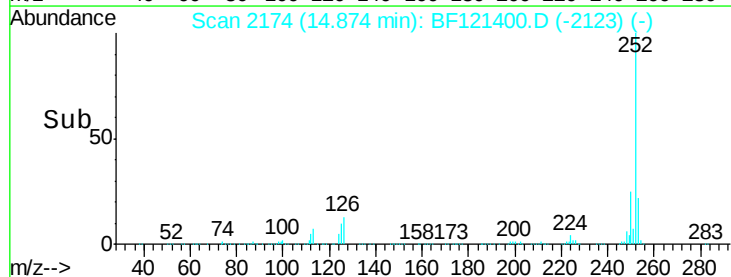
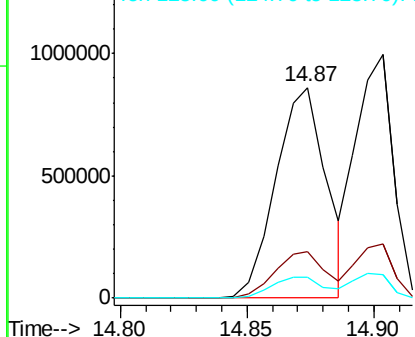


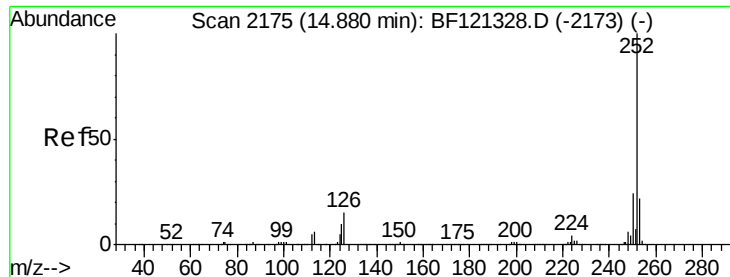
#88
 Benzo(b)fluoranthene
 Concen: 33.864 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF121400.D
 Acq: 24 Aug 2020 15:27

Tgt Ion:252 Resp: 1193640
 Ion Ratio Lower Upper
 252 100
 253 22.4 18.1 27.1
 125 10.1 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: 33.193 ng

RT: 14.90 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

BNA_F

ClientSampleId :

PB131155BS

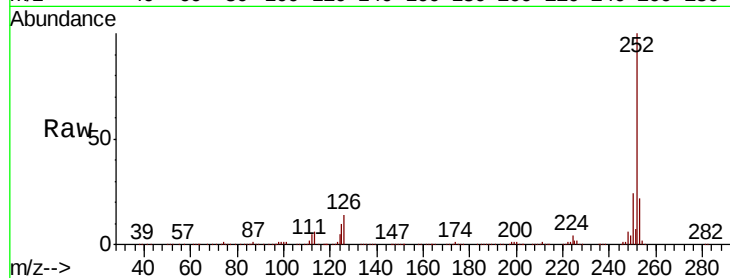
Tot Ion:252 Resp: 1029893

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

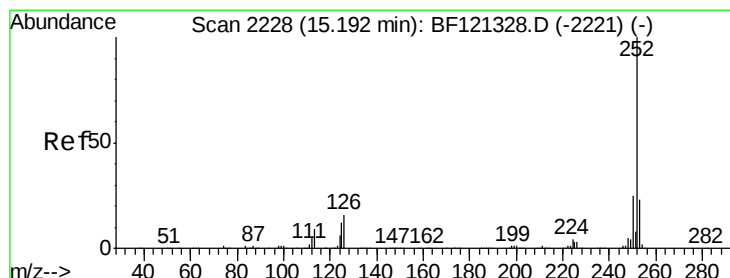
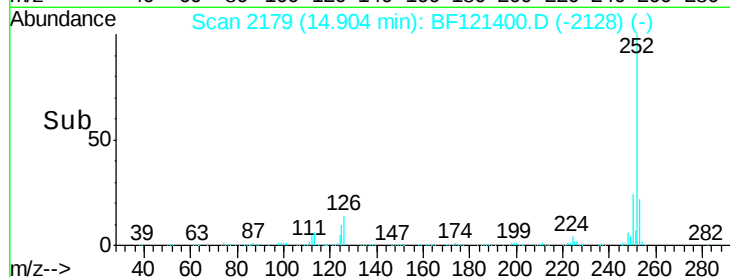
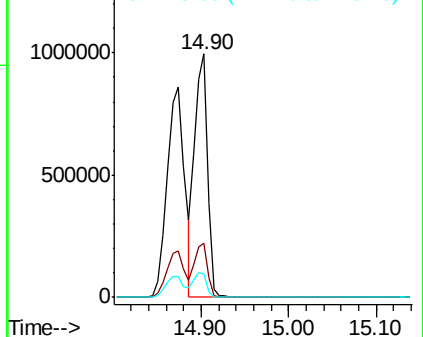
125 9.6 8.4 12.6



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



#90

Benzo(a)pyrene

Concen: 34.310 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

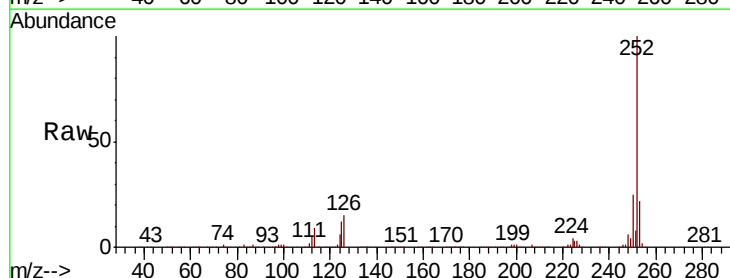
Tgt Ion:252 Resp: 1044943

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

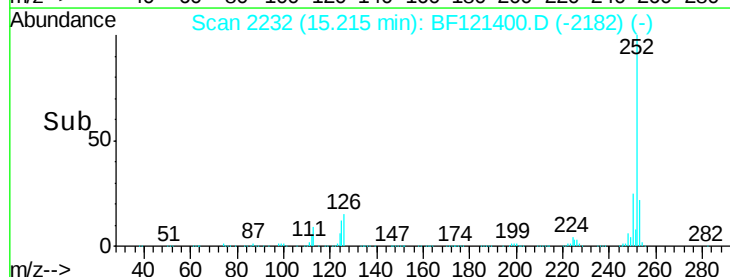
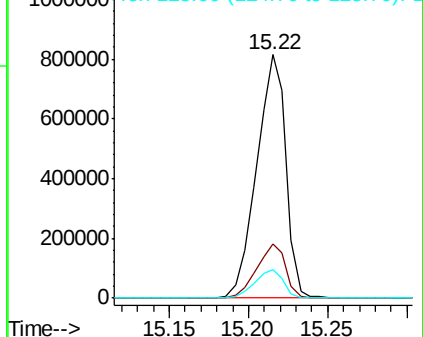
125 11.6 8.5 12.7

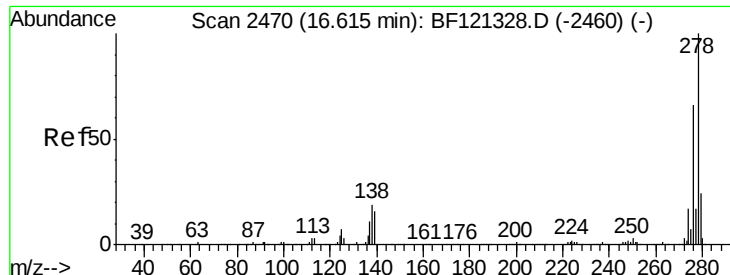


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 36.884 ng

RT: 16.66 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Instrument :

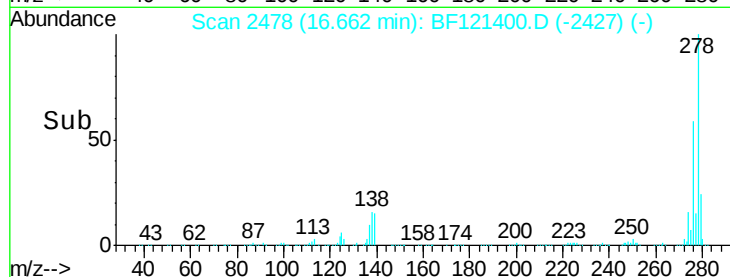
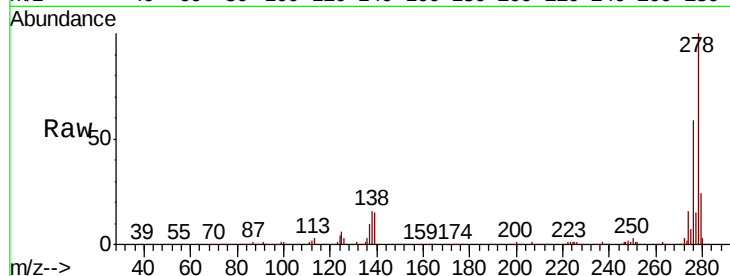
BNA_F

ClientSampleId :

PB131155BS

Tot Ion:278 Resp: 1007180

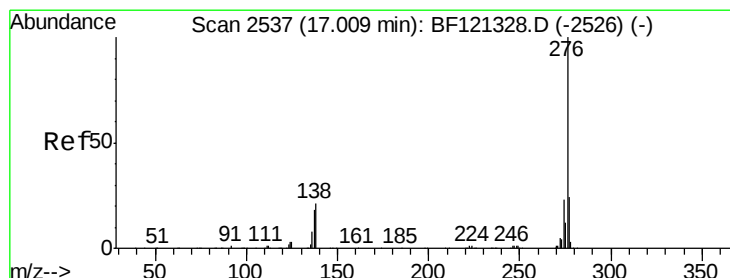
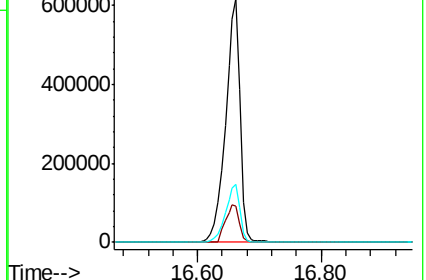
Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.0	19.6
279	23.6	19.3	28.9



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: 39.542 ng

RT: 17.06 min Scan# 2546

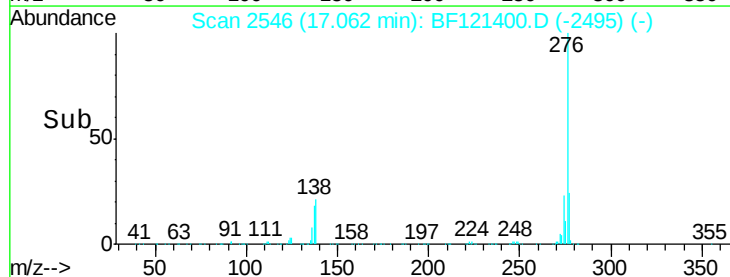
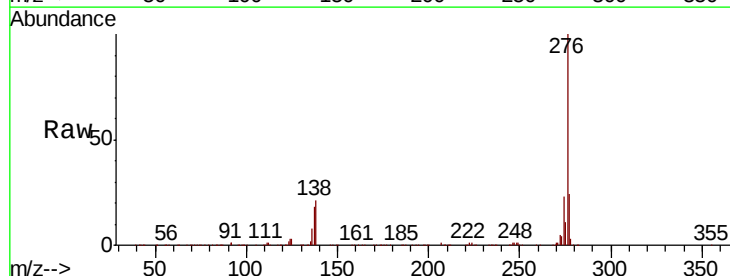
Delta R.T. -0.00 min

Lab File: BF121400.D

Acq: 24 Aug 2020 15:27

Tgt Ion:276 Resp: 1055614

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.6	29.4
138	21.1	17.3	25.9



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

