

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118399.D
 Acq On : 31 Dec 2019 12:04
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 17:47:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	184551	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	714533	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	375928	20.00	ng	0.01
64) Phenanthrene-d10	11.40	188	682639	20.00	ng	0.01
76) Chrysene-d12	14.06	240	445343	20.00	ng	0.01
87) Perylene-d12	15.55	264	360718	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	807588	74.70	ng	0.01
7) Phenol-d6	6.50	99	1004470	74.89	ng	0.01
23) Nitrobenzene-d5	7.43	82	941094	75.33	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	339679	73.17	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1852516	75.22	ng	0.00
79) Terphenyl-d14	12.99	244	2088068	77.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	154292	35.899	ng	100
3) Pyridine	3.35	79	435507	38.033	ng	97
4) n-Nitrosodimethylamine	3.32	42	174995	36.963	ng	98
6) Aniline	6.52	93	624966	36.696	ng	93
8) 2-Chlorophenol	6.65	128	463722	37.871	ng	97
9) Benzaldehyde	6.41	77	269018	34.212	ng	96
10) Phenol	6.52	94	558426	37.044	ng	# 72
11) bis(2-Chloroethyl)ether	6.59	93	408149	37.859	ng	100
12) 1,3-Dichlorobenzene	6.80	146	531687	37.702	ng	97
13) 1,4-Dichlorobenzene	6.87	146	537915	37.554	ng	98
14) 1,2-Dichlorobenzene	7.03	146	503530	37.234	ng	100
15) Benzyl Alcohol	7.00	79	378355	37.051	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	441433	38.373	ng	82
17) 2-Methylphenol	7.12	107	366208	37.288	ng	# 94
18) Hexachloroethane	7.37	117	198135	37.689	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	307862	37.261	ng	97
20) 3+4-Methylphenols	7.27	107	464013	36.916	ng	95
22) Acetophenone	7.27	105	646860	36.937	ng	# 94
24) Nitrobenzene	7.45	77	464635	37.128	ng	100
25) Isophorone	7.69	82	813003	37.341	ng	99
26) 2-Nitrophenol	7.76	139	261415	39.438	ng	100
27) 2,4-Dimethylphenol	7.80	122	336018	37.154	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	534052	37.506	ng	99
29) 2,4-Dichlorophenol	8.01	162	395998	38.042	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	454055	37.445	ng	98
31) Naphthalene	8.17	128	1370976	37.750	ng	99
32) Benzoic acid	7.96	122	214929	30.491	ng	99
33) 4-Chloroaniline	8.22	127	586327	37.660	ng	99
34) Hexachlorobutadiene	8.28	225	271363	37.595	ng	99
35) Caprolactam	8.61	113	123221	37.916	ng	96
36) 4-Chloro-3-methylphenol	8.71	107	414206	37.062	ng	99
37) 2-Methylnaphthalene	8.86	142	920752	37.030	ng	100
38) 1-Methylnaphthalene	8.96	142	875547	37.375	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	432467	38.288	ng	99

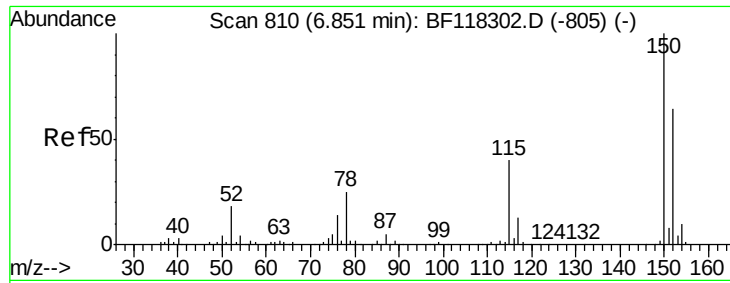
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118399.D
 Acq On : 31 Dec 2019 12:04
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	133178	33.876	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	279067	36.983	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	285018	36.717	ng	99
46) 1,1'-Biphenyl	9.33	154	1131521	38.055	ng	99
47) 2-Chloronaphthalene	9.36	162	908640	37.970	ng	98
48) 2-Nitroaniline	9.46	65	257422	38.084	ng	94
49) Acenaphthylene	9.77	152	1323919	37.302	ng	99
50) Dimethylphthalate	9.63	163	1051024	37.246	ng	99
51) 2,6-Dinitrotoluene	9.70	165	225885	37.129	ng	97
52) Acenaphthene	9.95	154	814733	37.687	ng	99
53) 3-Nitroaniline	9.87	138	273055	38.241	ng	96
54) 2,4-Dinitrophenol	9.99	184	116325	40.649	ng	96
55) Dibenzofuran	10.12	168	1174573	36.771	ng	98
56) 4-Nitrophenol	10.05	139	171382	38.879	ng	92
57) 2,4-Dinitrotoluene	10.11	165	299713	36.869	ng	# 85
58) Fluorene	10.46	166	962750	37.336	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	235627	35.725	ng	98
60) Diethylphthalate	10.33	149	1038757	37.209	ng	99
61) 4-Chlorophenyl-phenylether	10.45	204	482808	37.507	ng	98
62) 4-Nitroaniline	10.49	138	276018	37.210	ng	99
63) Azobenzene	10.61	77	884033	36.970	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	146001	39.646	ng	86
66) n-Nitrosodiphenylamine	10.57	169	840684	38.425	ng	99
67) 4-Bromophenyl-phenylether	10.94	248	302217	37.830	ng	98
68) Hexachlorobenzene	11.02	284	360002	38.284	ng	# 91
69) Atrazine	11.10	200	253933	37.606	ng	95
70) Pentachlorophenol	11.22	266	143417	35.216	ng	100
71) Phenanthrene	11.43	178	1382144	37.140	ng	100
72) Anthracene	11.48	178	1412129	37.911	ng	99
73) Carbazole	11.64	167	1255178	37.975	ng	98
74) Di-n-butylphthalate	11.96	149	1618744	38.625	ng	100
75) Fluoranthene	12.62	202	1421134	37.839	ng	97
77) Benzidine	12.74	184	584292	47.882	ng	99
78) Pyrene	12.86	202	1415753	38.930	ng	99
80) Butylbenzylphthalate	13.46	149	664325	40.570	ng	99
81) Benzo(a)anthracene	14.05	228	1173579	37.648	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	414239	39.193	ng	99
83) Chrysene	14.09	228	1111036	37.222	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	861224	39.998	ng	100
85) Di-n-octyl phthalate	14.63	149	1210914	38.233	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	881767	34.671	ng	100
88) Benzo(b)fluoranthene	15.12	252	919044	38.382	ng	100
89) Benzo(k)fluoranthene	15.14	252	881557	38.344	ng	99
90) Benzo(a)pyrene	15.49	252	807058	38.262	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	742468	40.562	ng	99
92) Benzo(g,h,i)perylene	17.53	276	704970	39.870	ng	98

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

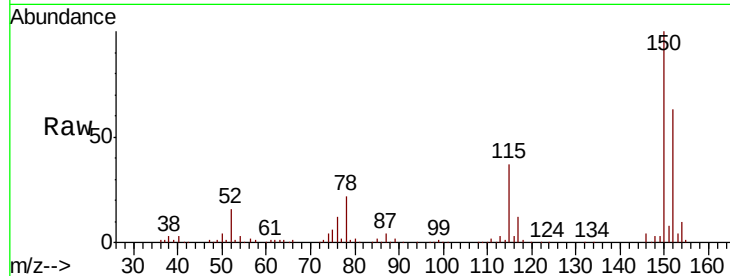


#1

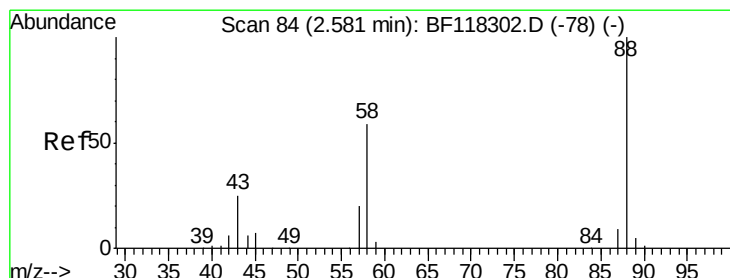
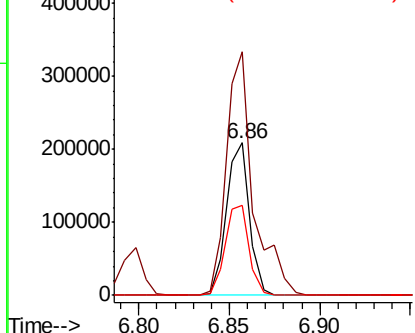
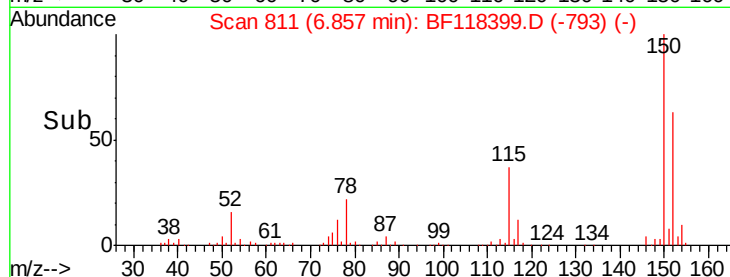
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 184551
Ion Ratio Lower Upper
152 100
150 159.5 125.4 188.2
115 58.7 50.2 75.4



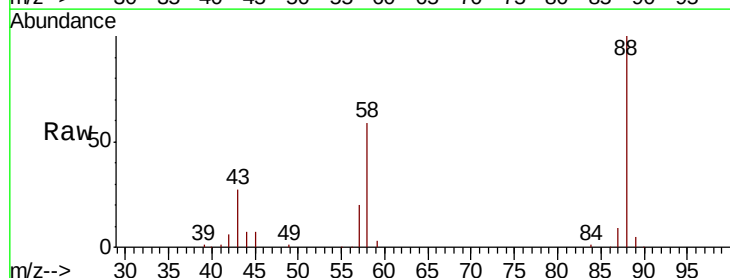
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



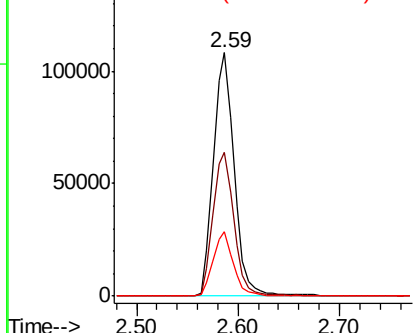
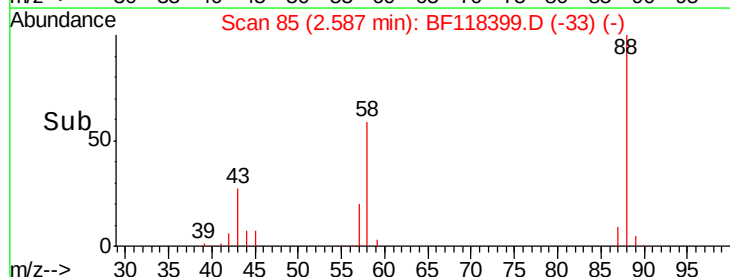
#2

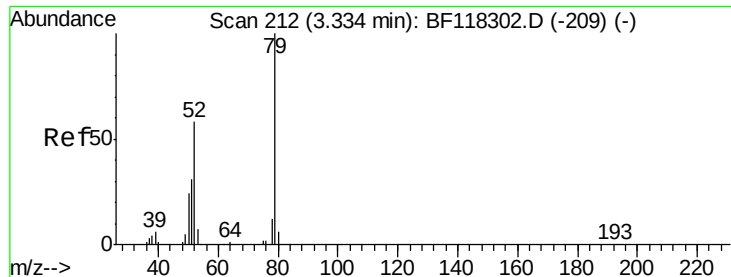
1,4-Dioxane
Concen: 35.899 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion: 88 Resp: 154292
Ion Ratio Lower Upper
88 100
58 59.9 47.6 71.4
43 25.6 20.6 30.8



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





#3

Pvridine

Concen: 38.033 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

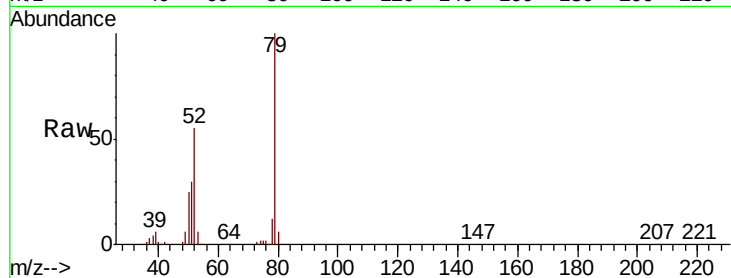
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 435507

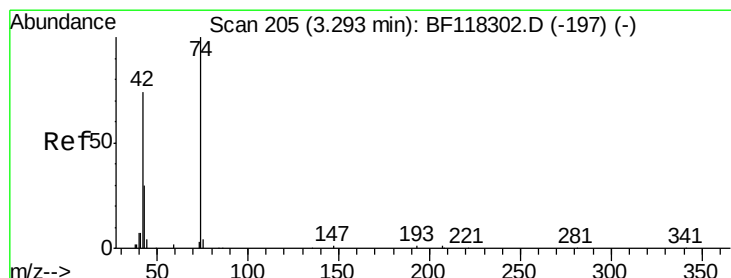
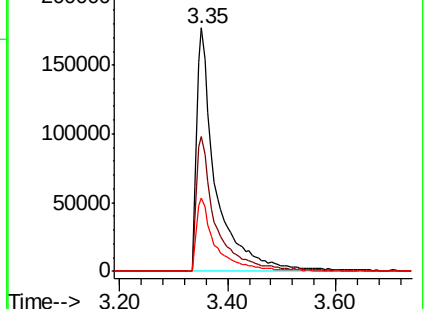
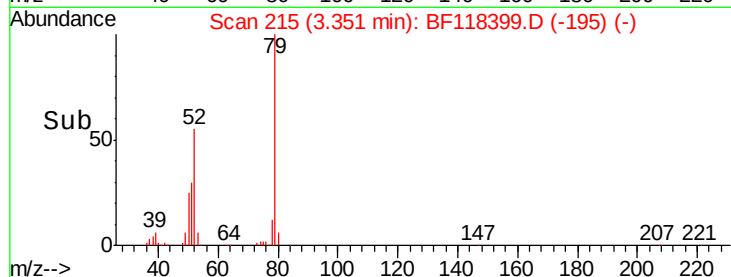
Ion	Ratio	Lower	Upper
79	100		
52	55.3	46.4	69.6
51	30.0	24.9	37.3



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 36.963 ng

RT: 3.32 min Scan# 209

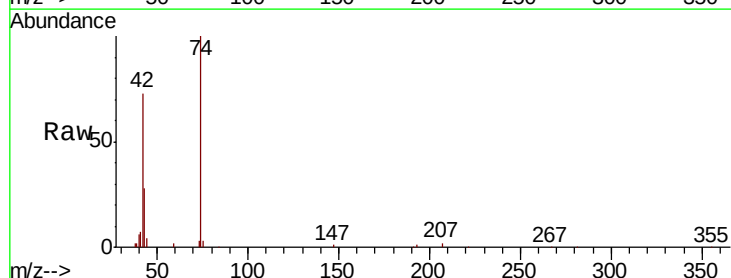
Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion: 42 Resp: 174995

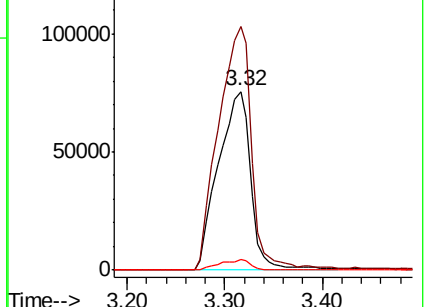
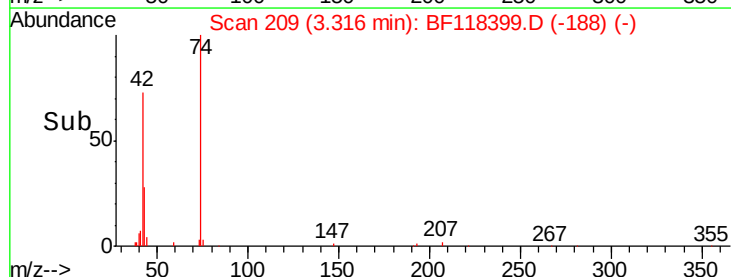
Ion	Ratio	Lower	Upper
42	100		
74	136.5	107.7	161.5
44	5.6	4.8	7.2

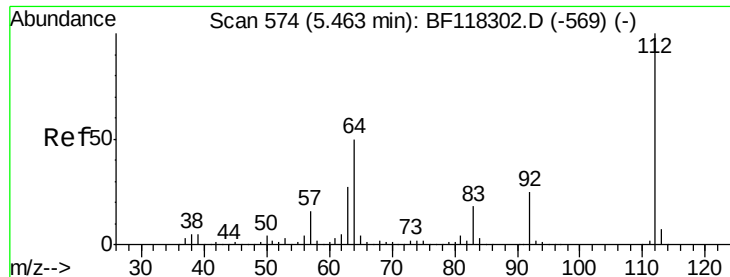


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.697 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

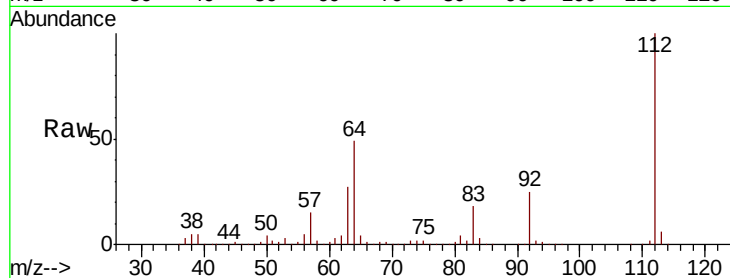
Tot Ion: 112 Resp: 807588

Ion Ratio Lower Upper

112 100

64 48.8 39.7 59.5

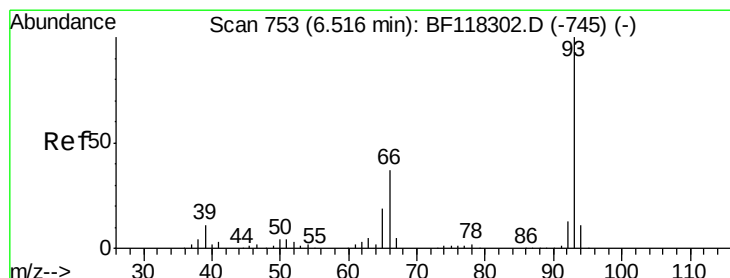
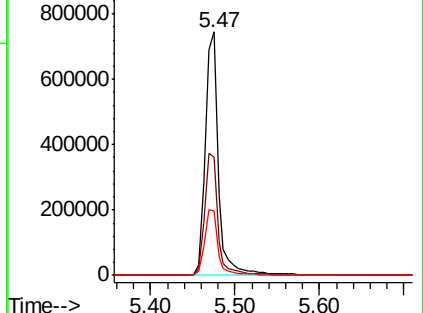
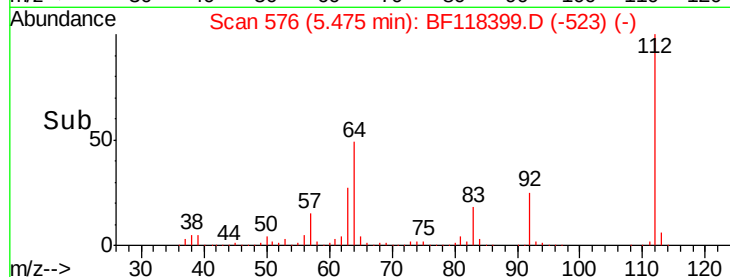
63 26.5 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.696 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

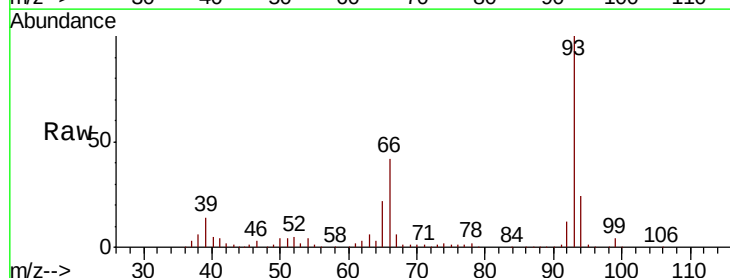
Tgt Ion: 93 Resp: 624966

Ion Ratio Lower Upper

93 100

66 42.3 30.2 45.4

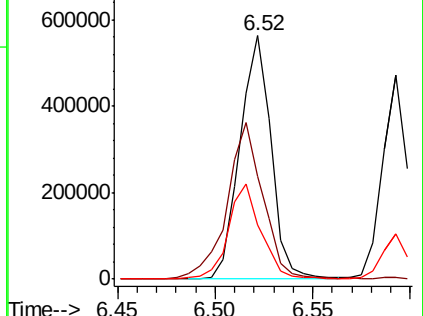
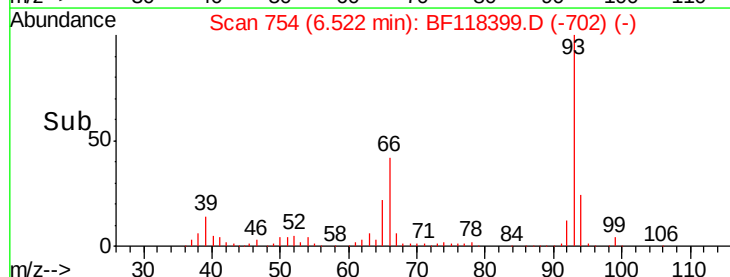
65 22.2 15.7 23.5

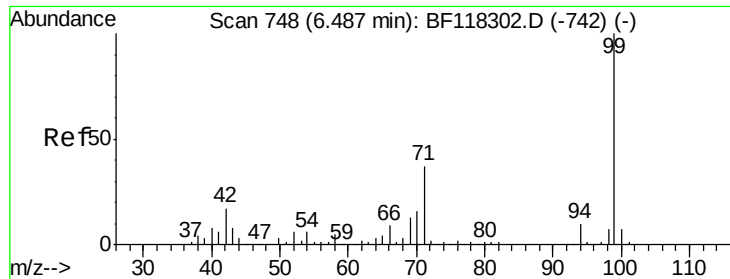


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.894 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

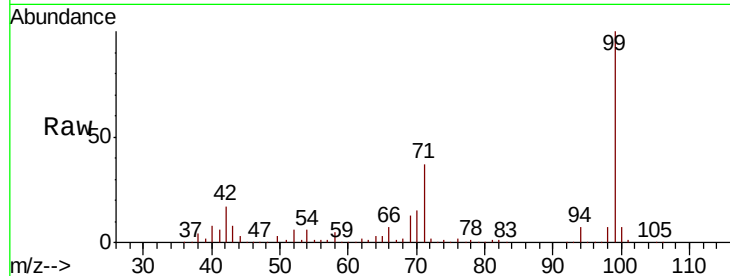
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1004470

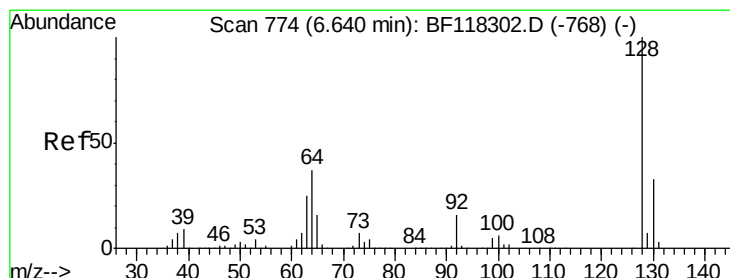
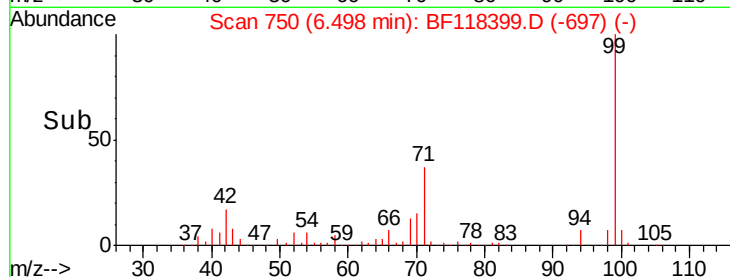
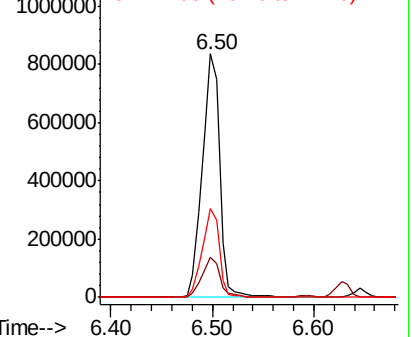
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.5	20.3
71	36.7	29.4	44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.871 ng

RT: 6.65 min Scan# 775

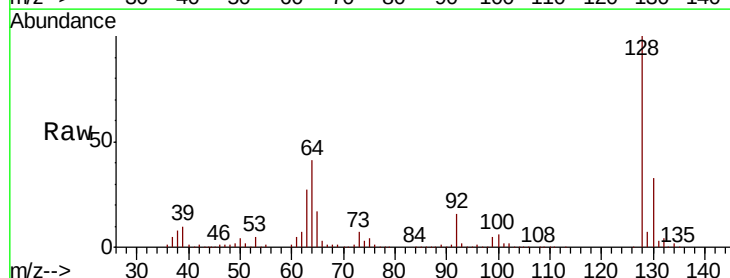
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion: 128 Resp: 463722

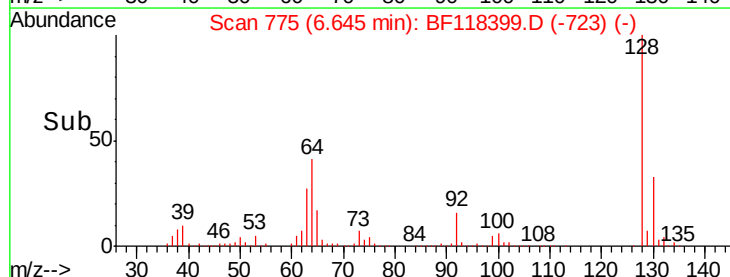
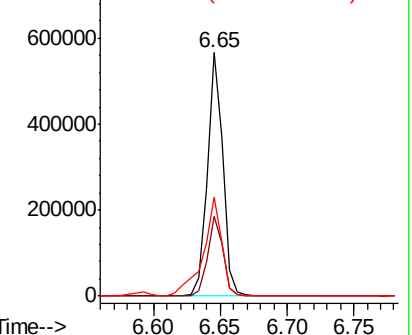
Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.2	53.2
64	40.8	17.7	57.7

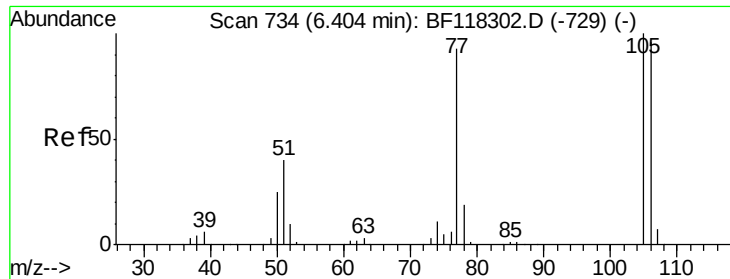


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

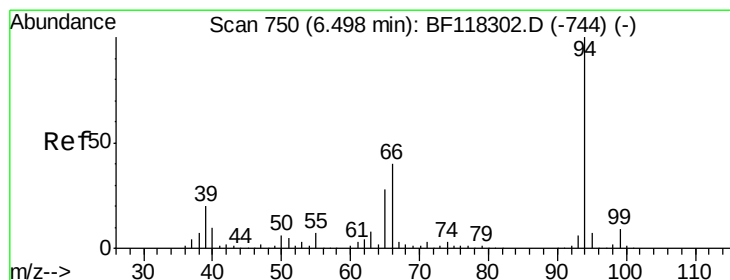
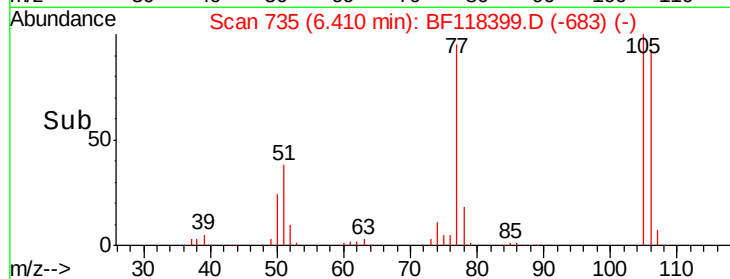
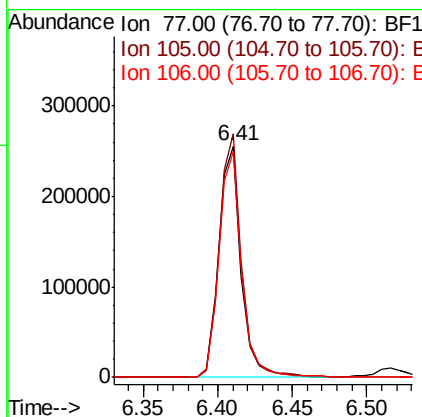
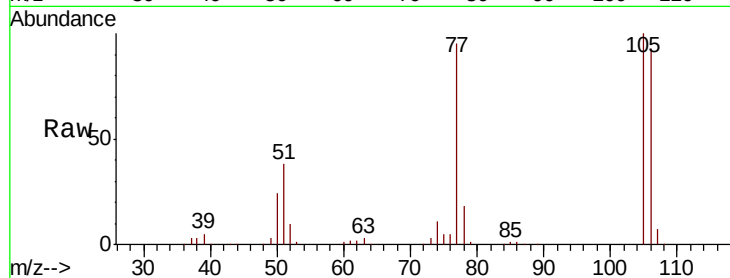




#9
Benzaldehyde
Concen: 34.212 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

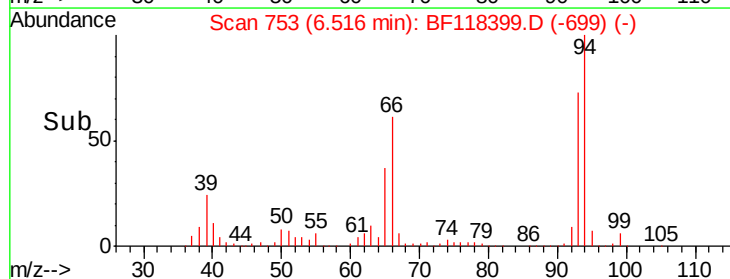
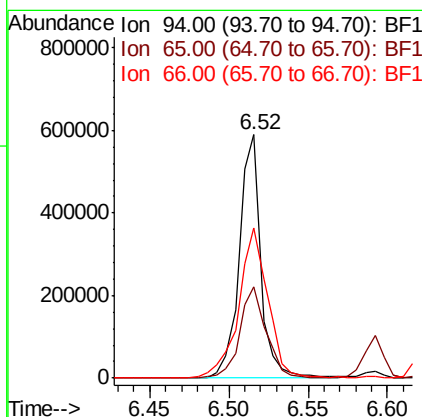
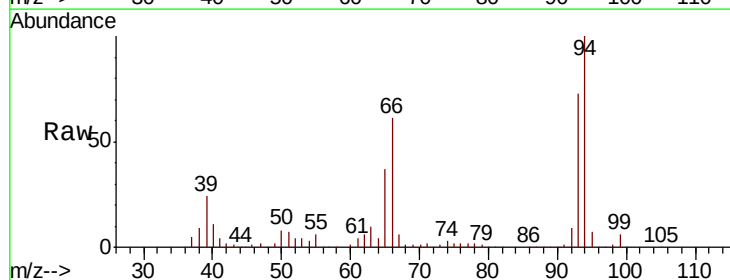
Instrument :
BNA_F
ClientSampleId :

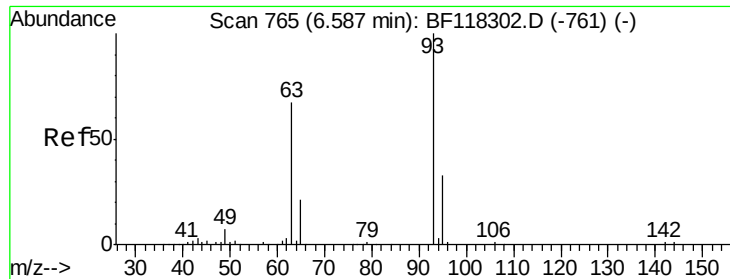
Tot Ion: 77 Resp: 269018
Ion Ratio Lower Upper
77 100
105 105.5 87.5 127.5
106 97.7 83.6 123.6



#10
Phenol
Concen: 37.044 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion: 94 Resp: 558426
Ion Ratio Lower Upper
94 100
65 37.5 7.8 47.8
66 61.4 20.4 60.4#

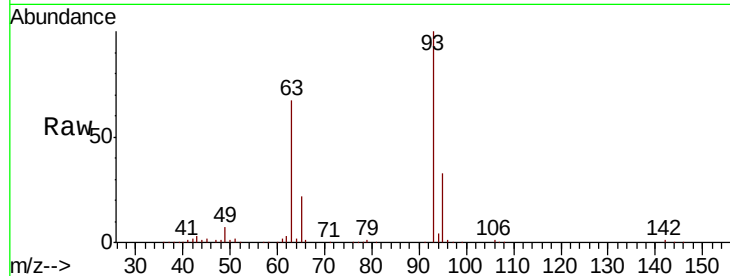




#11
bis(2-Chloroethyl)ether
Concen: 37.859 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.3	47.0	87.0
95	33.1	12.8	52.8

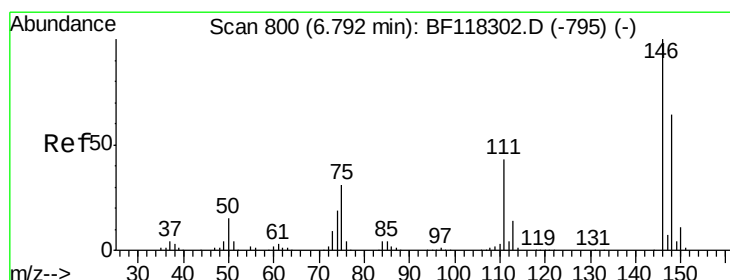
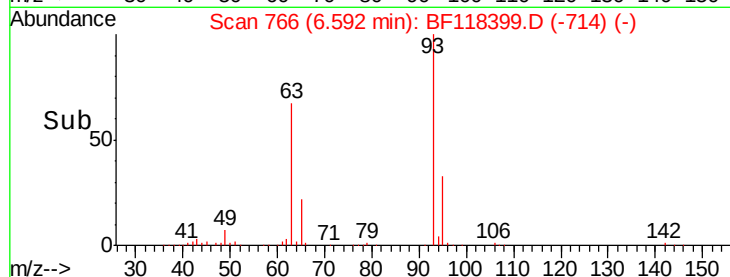
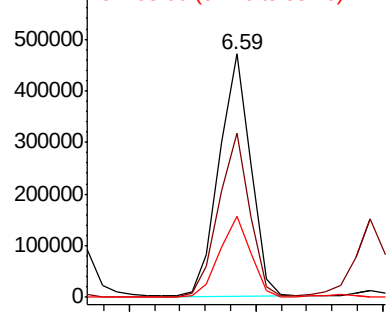


Abundance

Ion 93.00 (92.70 to 93.70): BF1

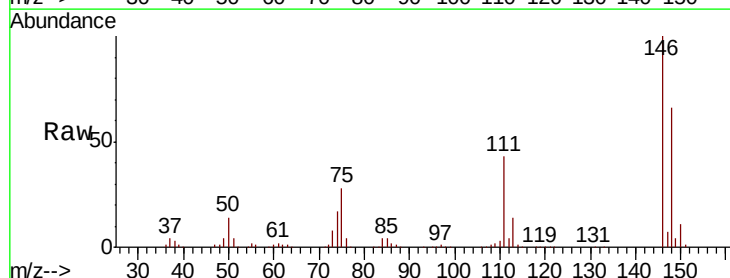
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 37.702 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.4	77.0
75	28.4	24.4	36.6

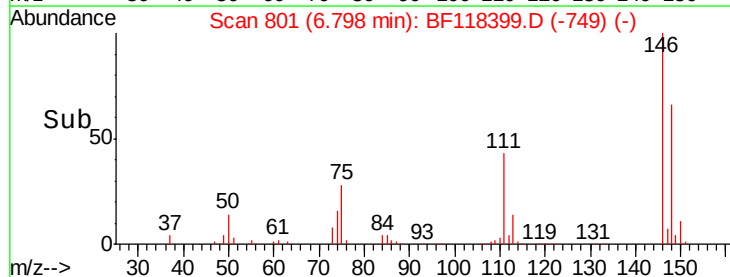
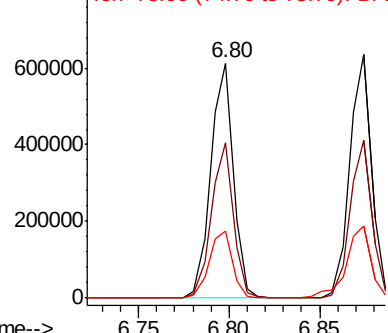


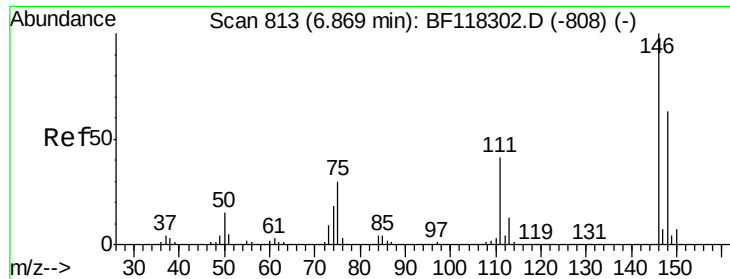
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

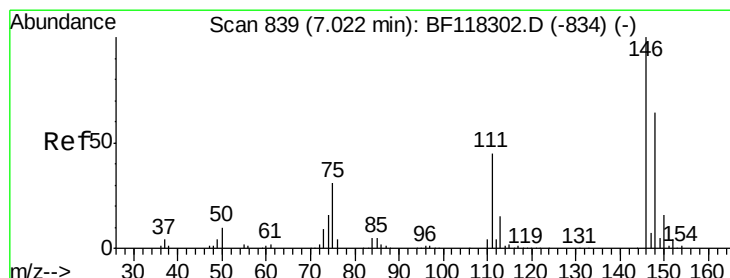
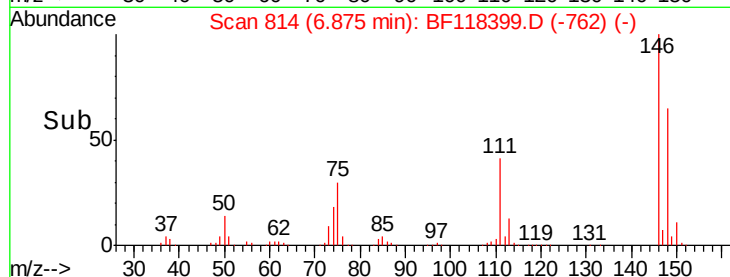
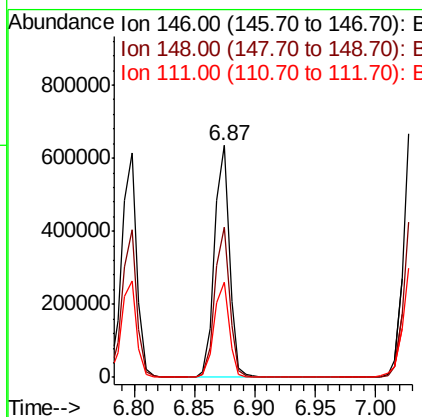
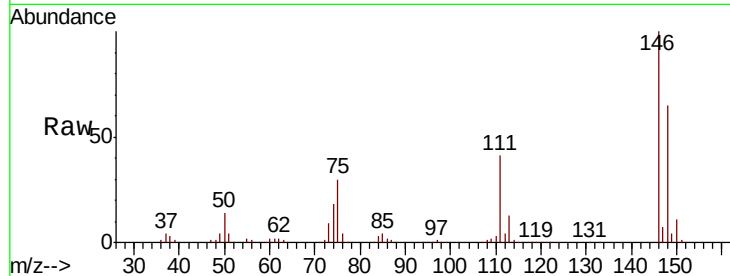




#13
 1,4-Dichlorobenzene
 Concen: 37.554 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

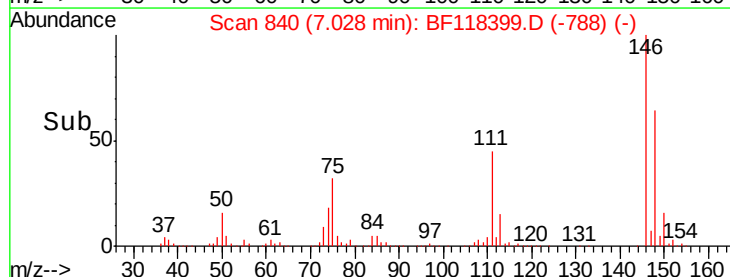
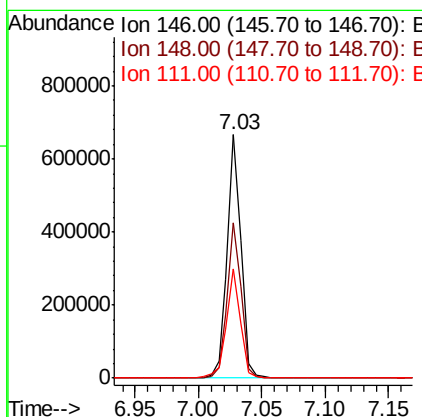
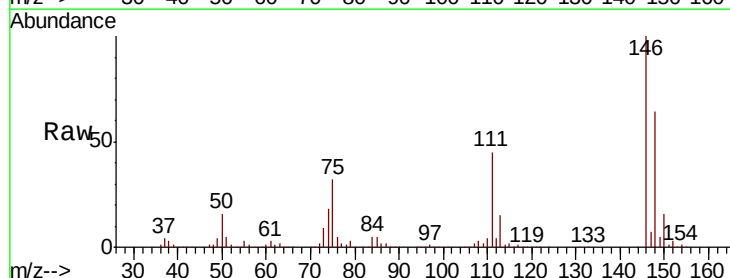
Instrument :
 BNA_F
 ClientSampled :

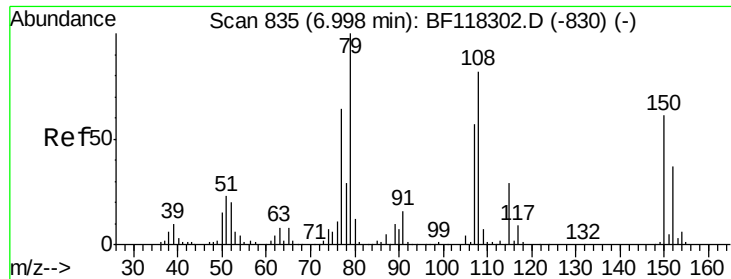
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.3	75.5
111	41.3	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.234 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	45.1	35.7	53.5

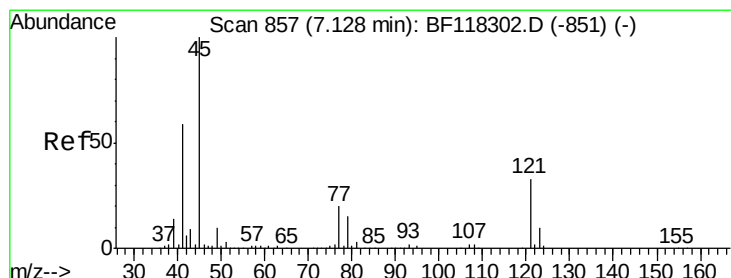
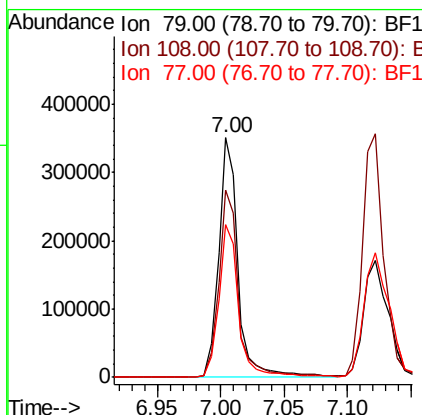
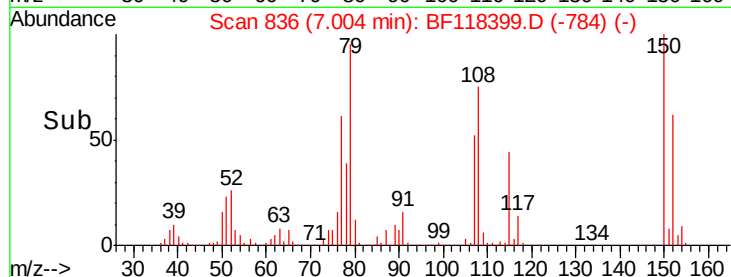
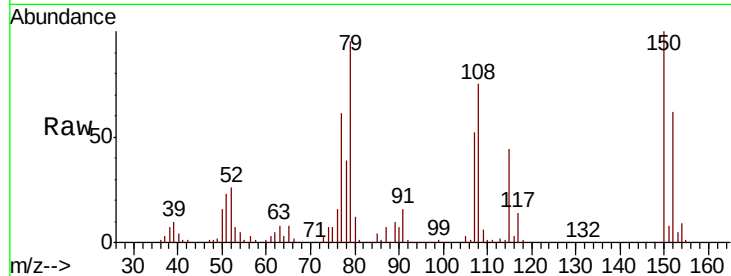




#15
Benzyl Alcohol
Concen: 37.051 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

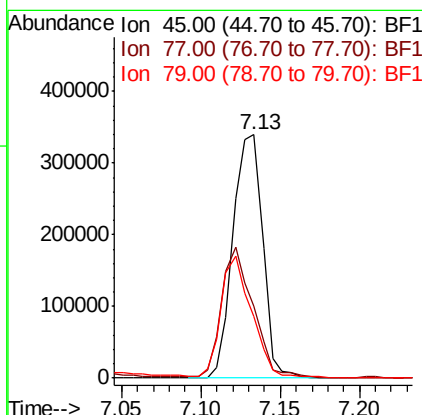
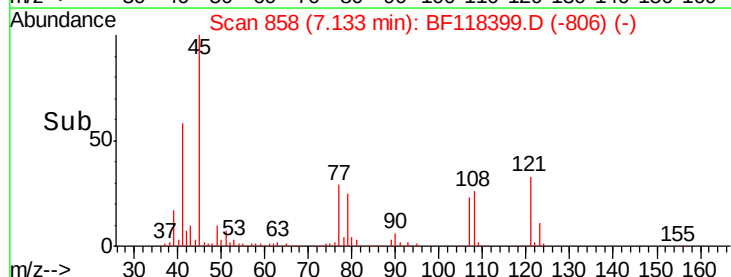
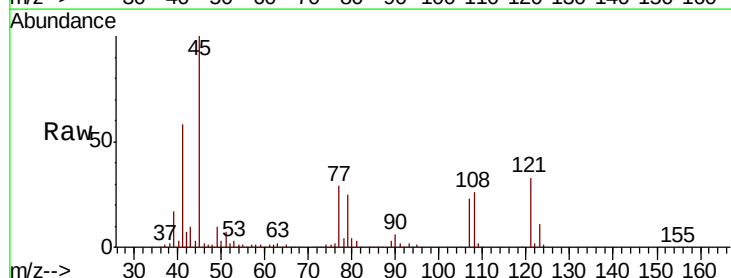
Instrument :
BNA_F
ClientSampleId :

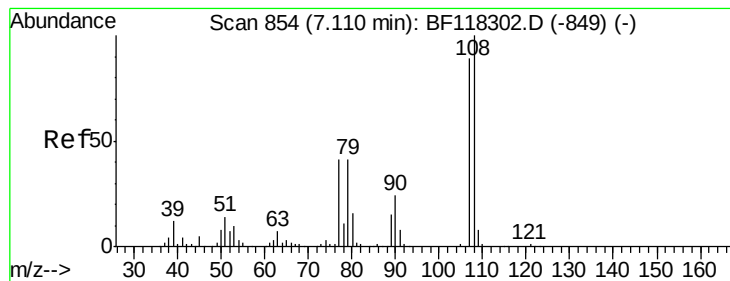
Tot Ion: 79 Resp: 378355
Ion Ratio Lower Upper
79 100
108 78.4 65.4 98.0
77 63.7 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.373 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion: 45 Resp: 441433
Ion Ratio Lower Upper
45 100
77 29.4 1.2 41.2
79 25.3 0.0 37.0

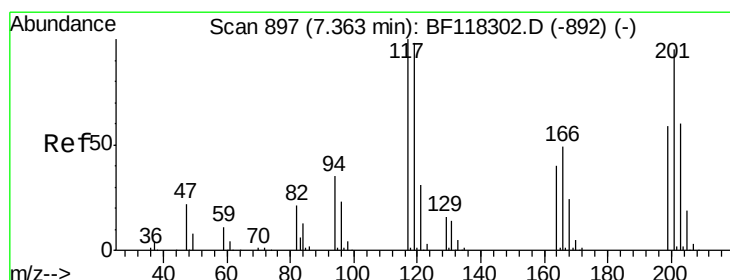
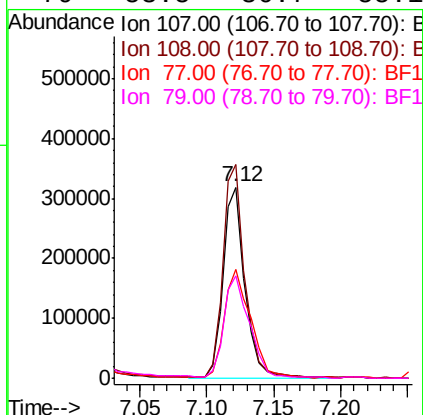
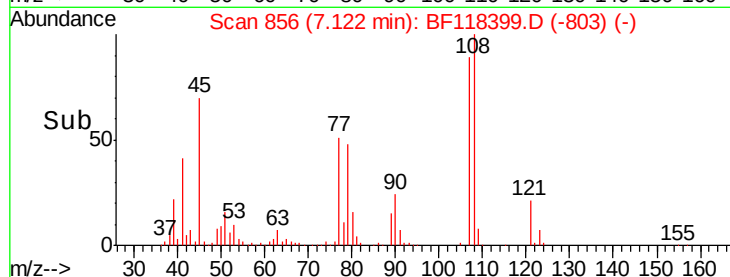
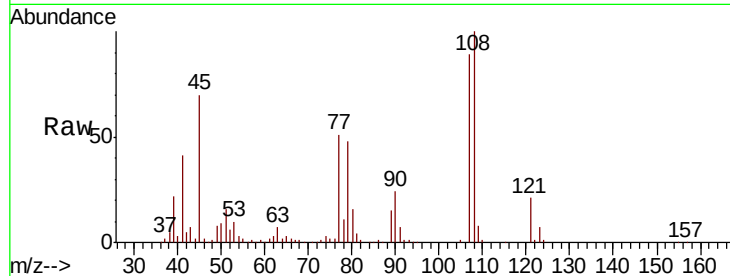




#17
2-Methylphenol
Concen: 37.288 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

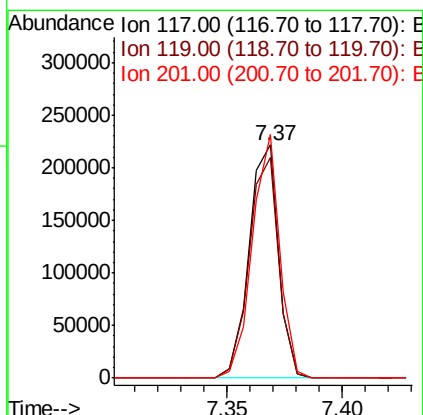
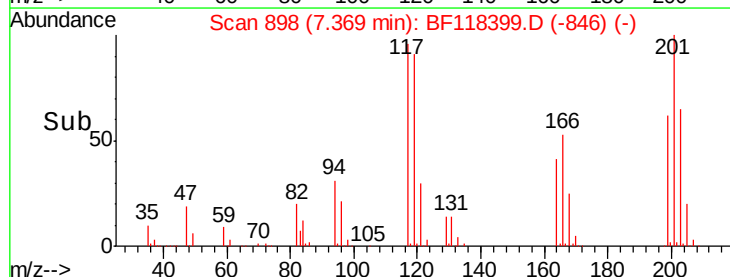
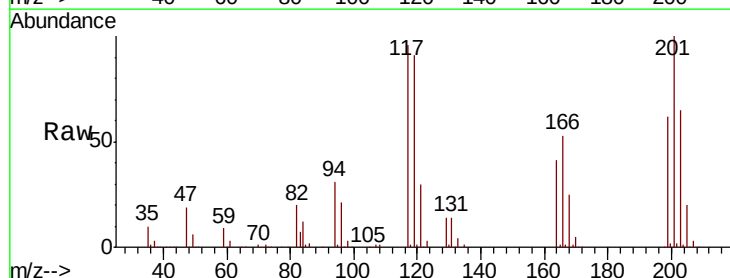
Instrument :
BNA_F
ClientSampleId :

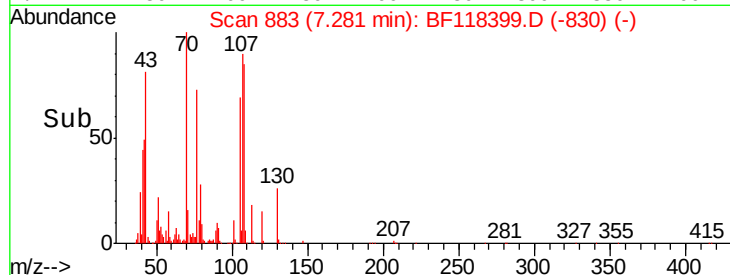
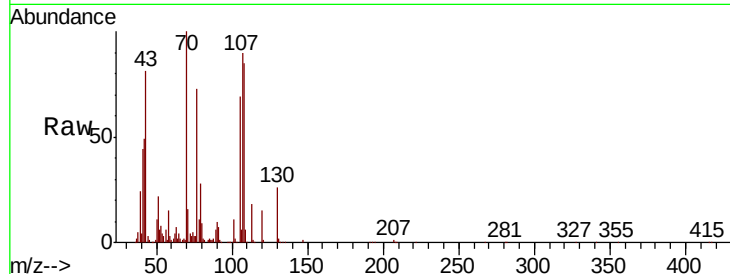
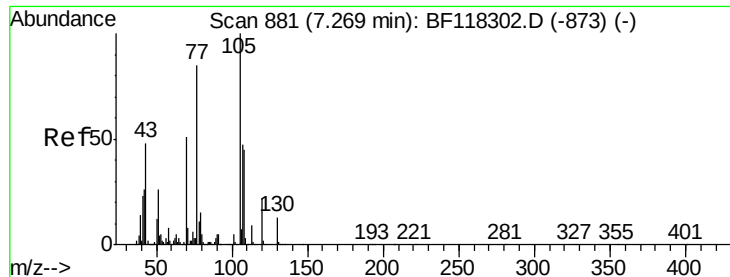
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	89.7	134.5
77	57.1	37.2	55.8
79	53.5	36.7	55.1



#18
Hexachloroethane
Concen: 37.689 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.0	117.0
201	104.5	76.2	114.2

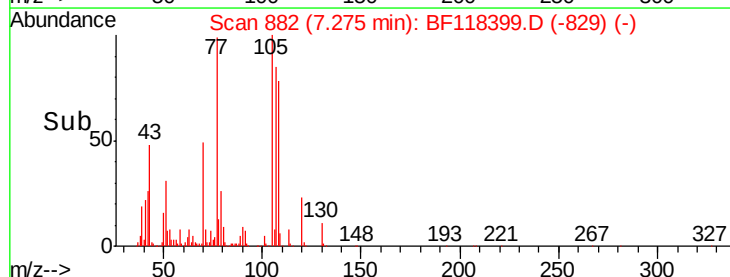
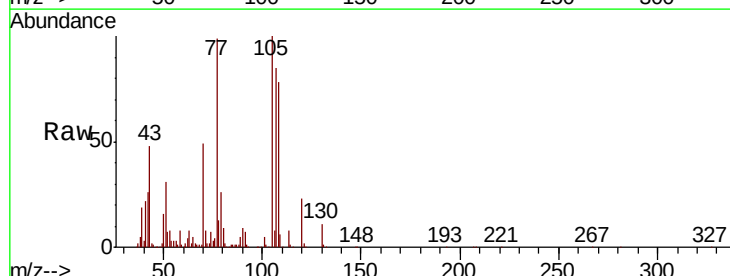
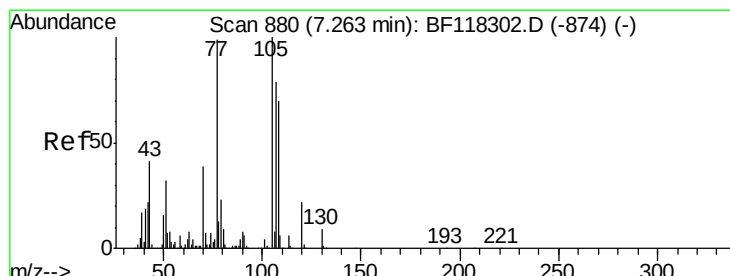
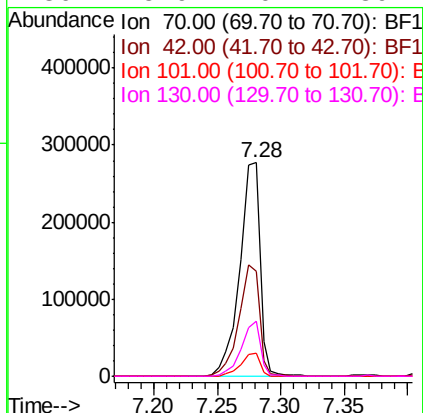




#19
n-Nitroso-di-n-propylamine
Concen: 37.261 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

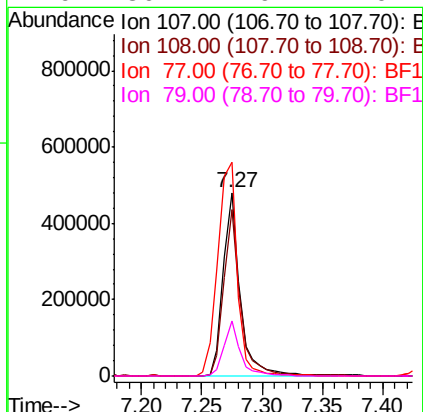
Instrument :
BNA_F
ClientSampleId :

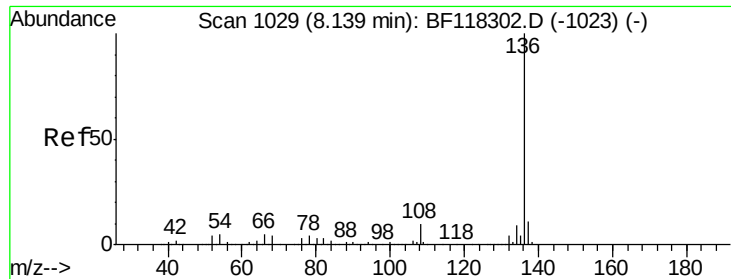
Tot Ion:	70	Resp:	307862
Ion	Ratio	Lower	Upper
70	100		
42	48.9	41.1	61.7
101	10.8	8.3	12.5
130	25.9	20.1	30.1



#20
3+4-Methylphenols
Concen: 36.916 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:	107	Resp:	464013
Ion	Ratio	Lower	Upper
107	100		
108	91.3	69.3	109.3
77	116.7	105.9	145.9
79	30.2	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 714533

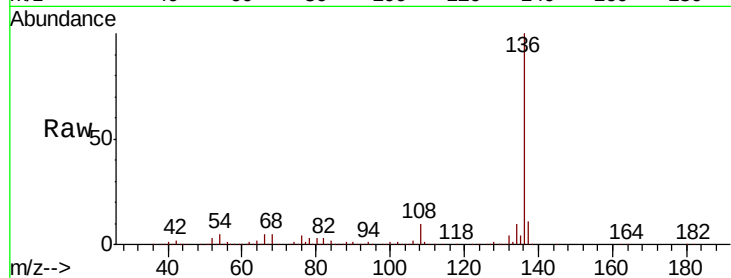
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.3 4.2 6.4

68 4.8 3.5 5.3

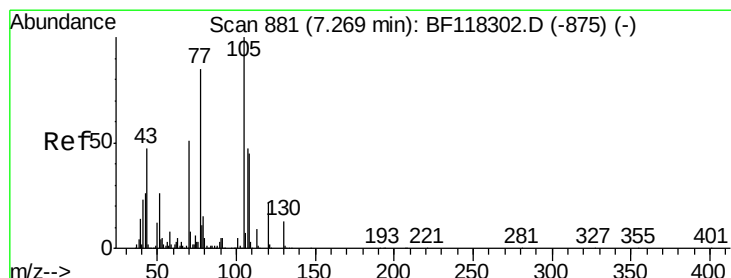
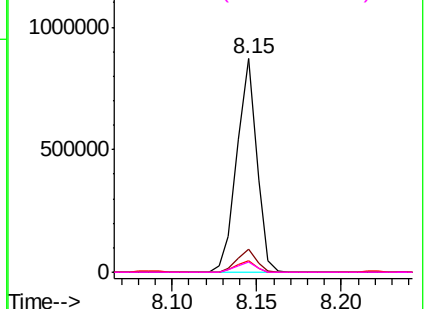
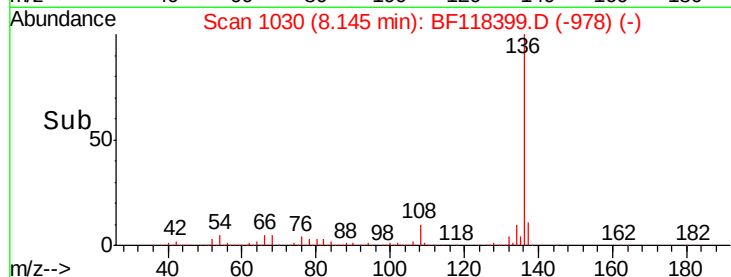


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.937 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:105 Resp: 646860

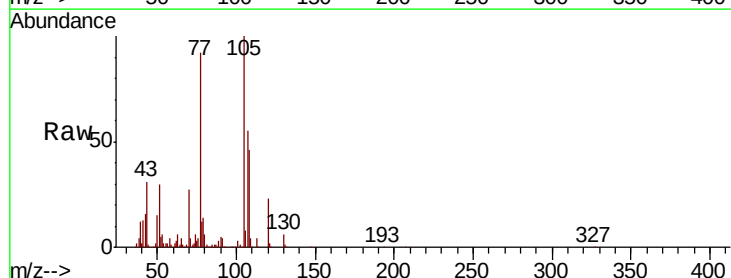
Ion Ratio Lower Upper

105 100

71 4.2 6.6 9.8#

51 30.5 20.6 30.8

120 22.7 18.0 27.0

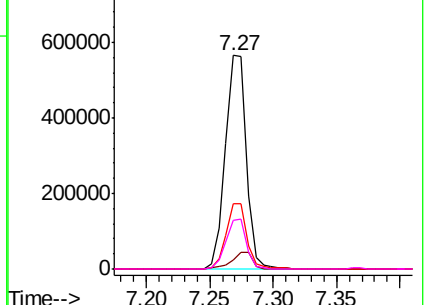
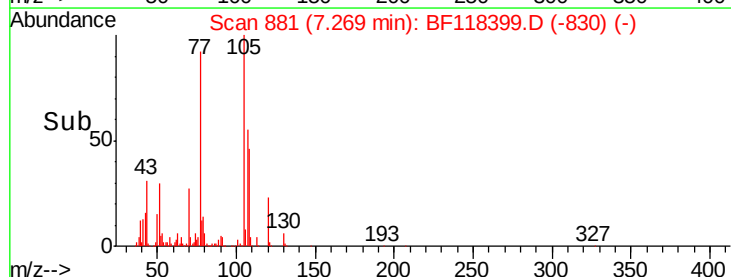


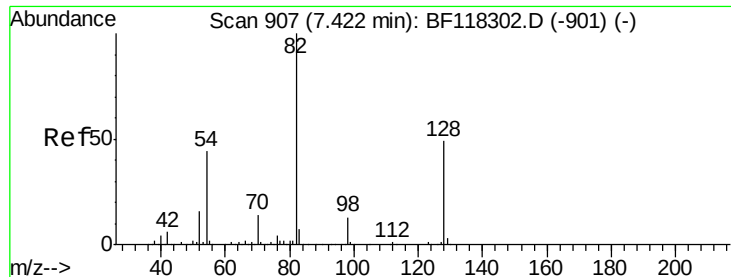
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

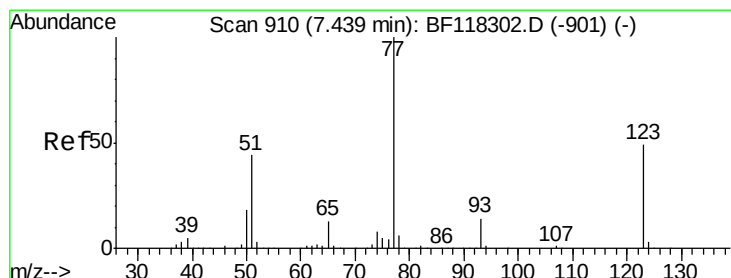
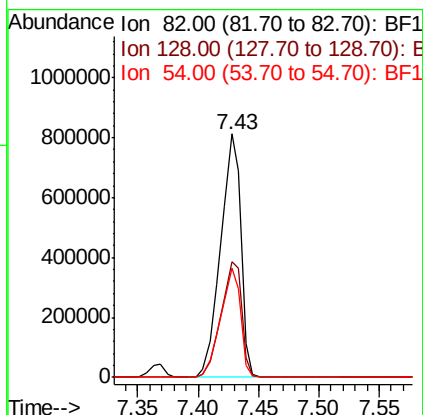
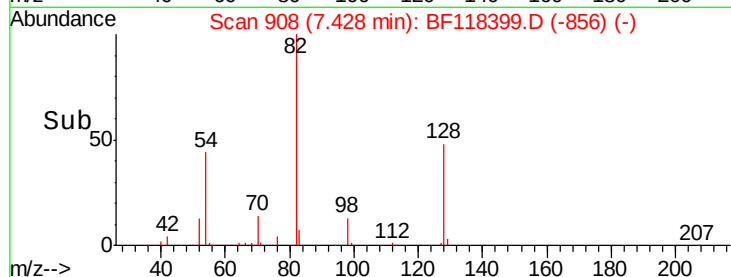
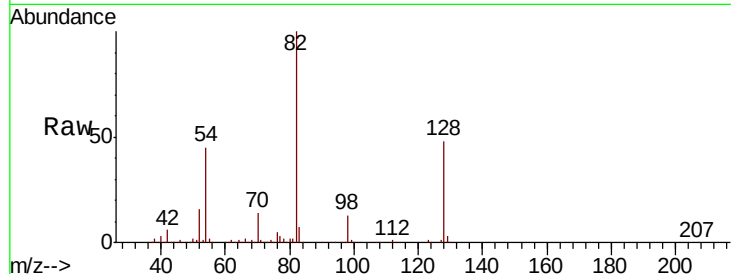




#23
Nitrobenzene-d5
Concen: 75.330 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

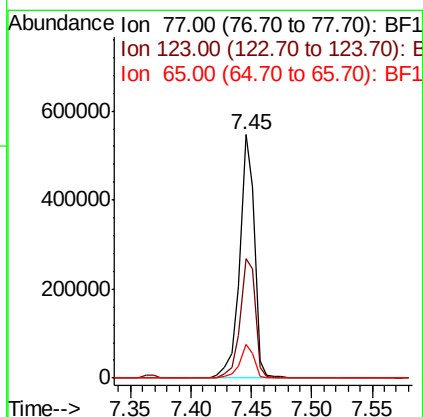
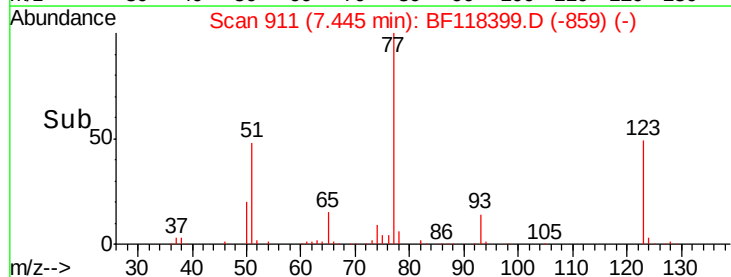
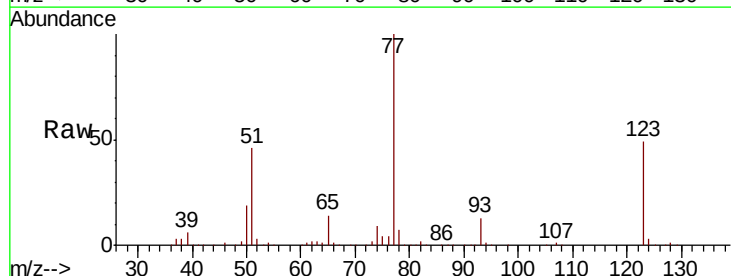
Instrument :
BNA_F
ClientSampleId :

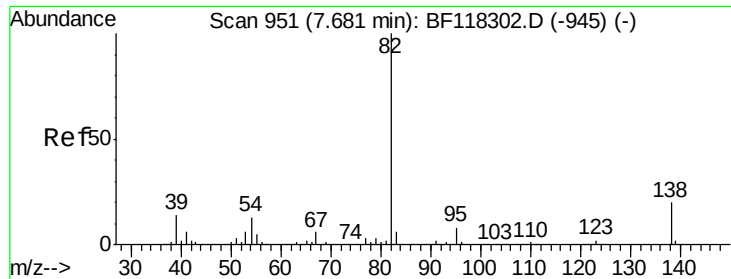
Tot Ion: 82 Resp: 941094
Ion Ratio Lower Upper
82 100
128 47.5 39.6 59.4
54 44.7 34.9 52.3



#24
Nitrobenzene
Concen: 37.128 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion: 77 Resp: 464635
Ion Ratio Lower Upper
77 100
123 48.8 39.1 58.7
65 13.8 10.6 16.0





#25

Isophorone

Concen: 37.341 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampled :

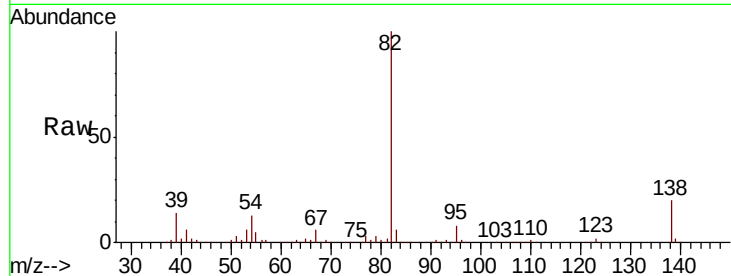
Tot Ion: 82 Resp: 813003

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

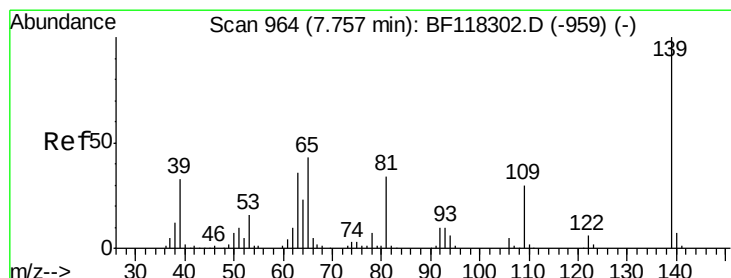
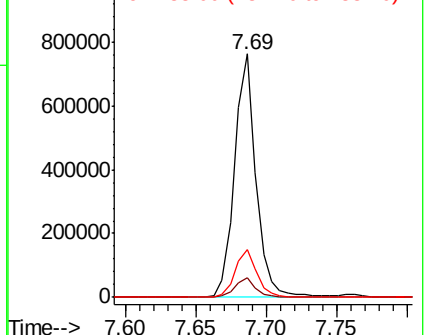
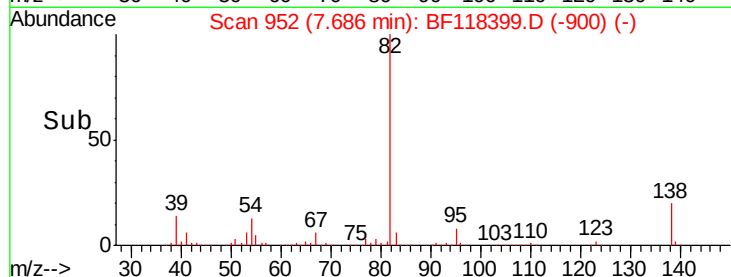
138 19.7 16.2 24.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.438 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

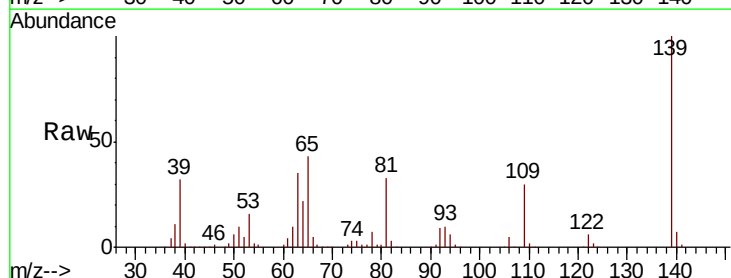
Tgt Ion: 139 Resp: 261415

Ion Ratio Lower Upper

139 100

109 29.6 24.1 36.1

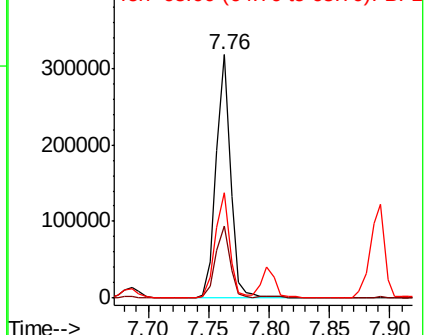
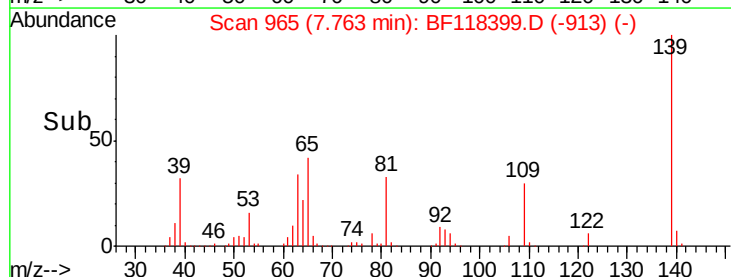
65 43.3 34.6 52.0

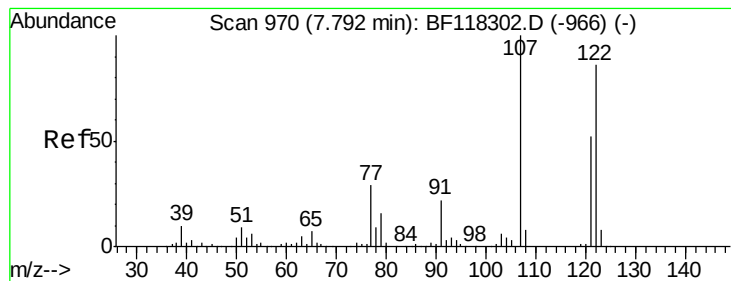


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 37.154 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampled :

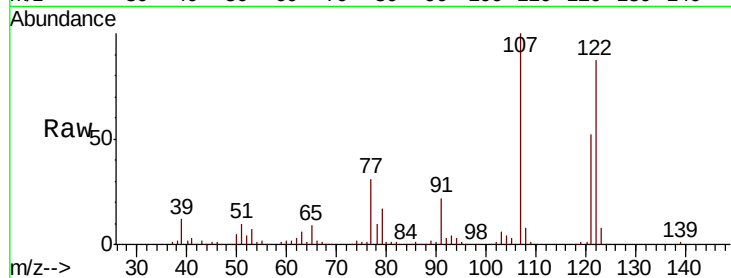
Tot Ion:122 Resp: 336018

Ion Ratio Lower Upper

122 100

107 115.5 92.9 139.3

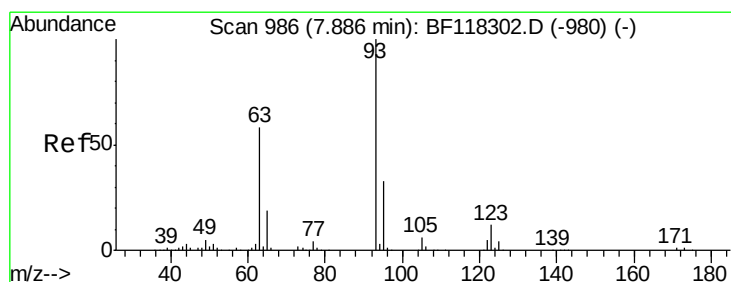
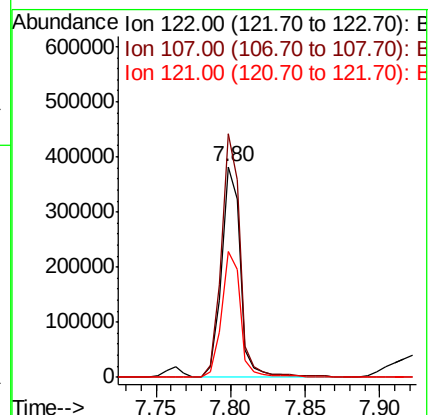
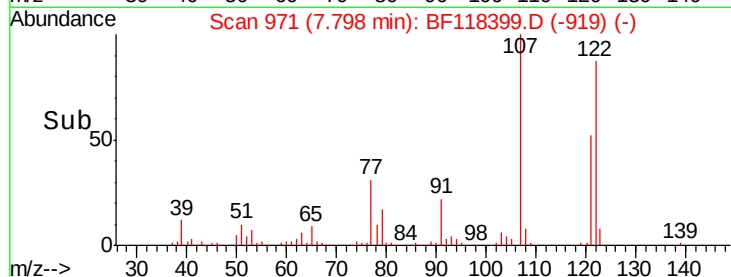
121 59.9 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.506 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

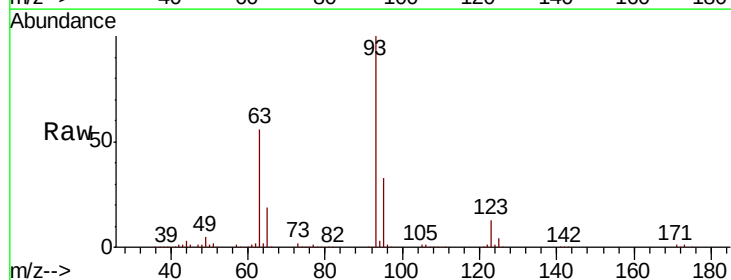
Tgt Ion: 93 Resp: 534052

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

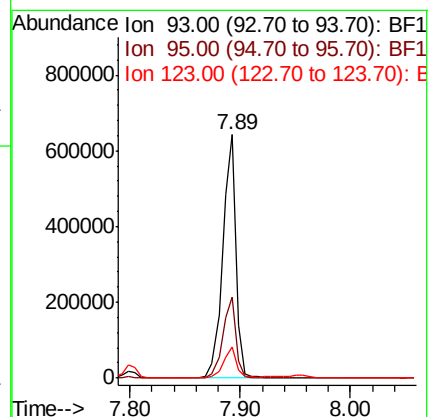
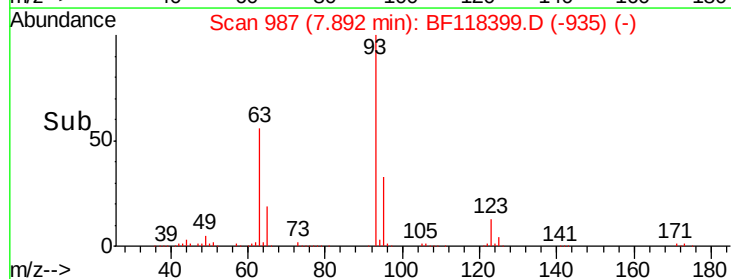
123 12.6 9.8 14.8

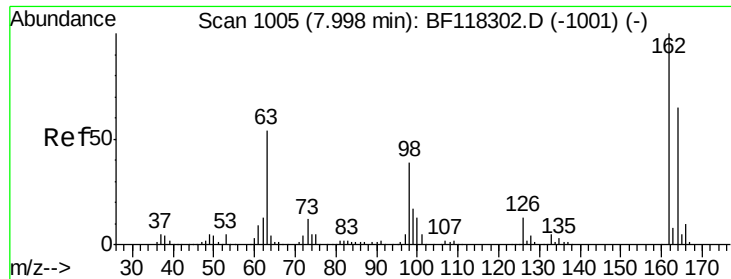


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

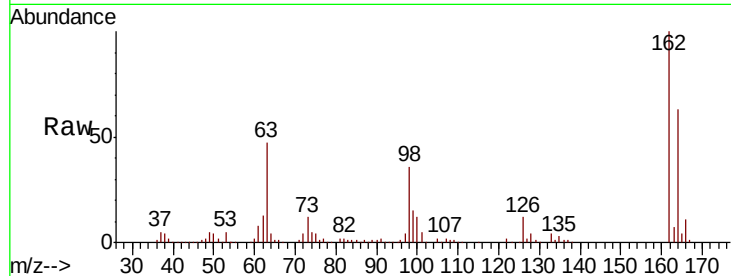




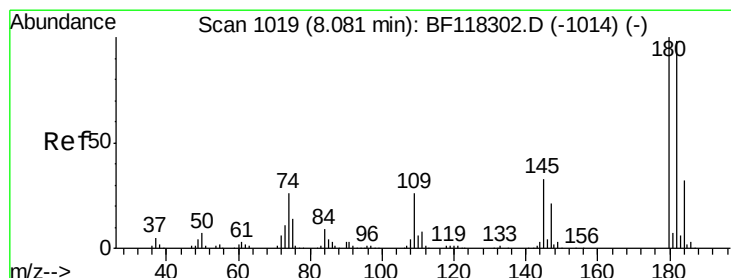
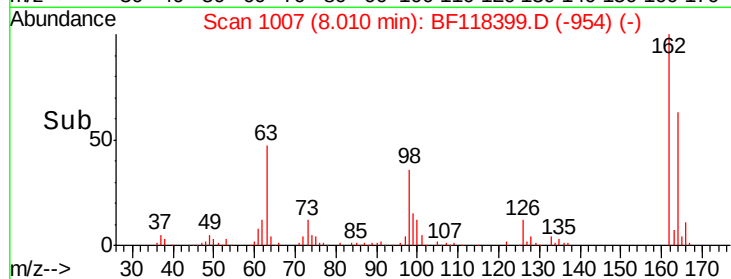
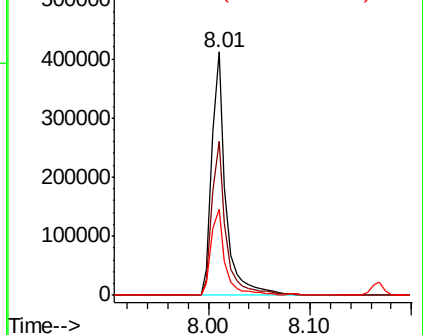
#29
 2,4-Dichlorophenol
 Concen: 38.042 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	45.1	85.1
98	35.5	18.6	58.6

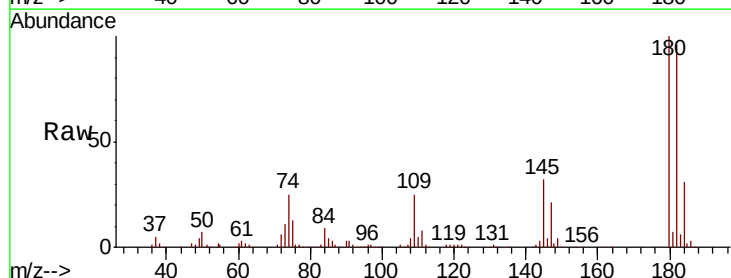


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

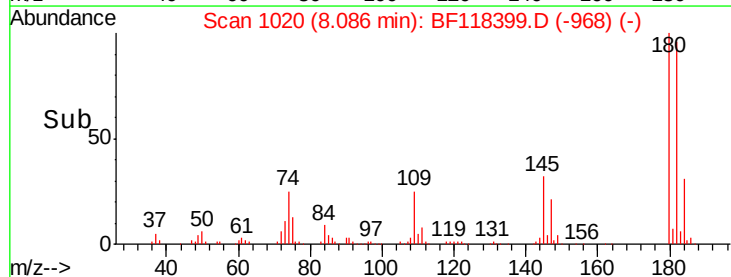
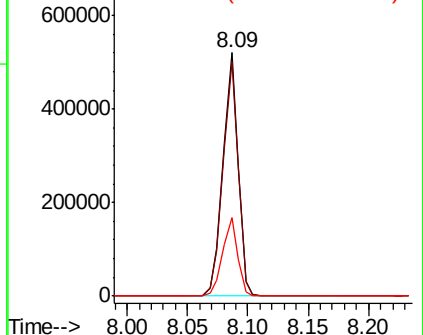


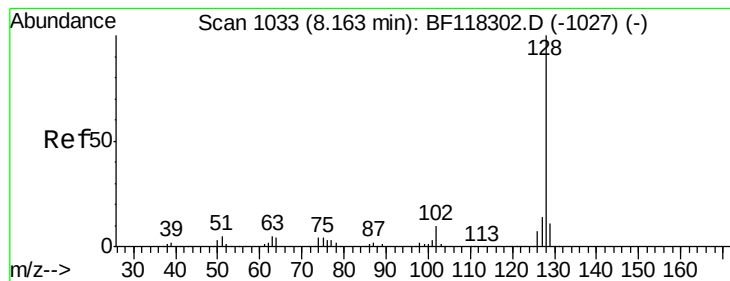
#30
 1,2,4-Trichlorobenzene
 Concen: 37.445 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	78.3	117.5
145	32.2	26.7	40.1



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: 37.750 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

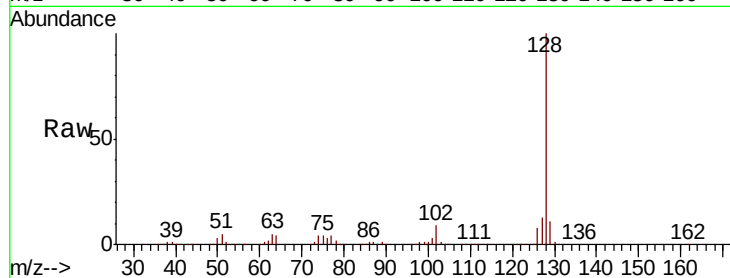
Tot Ion:128 Resp: 1370976

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

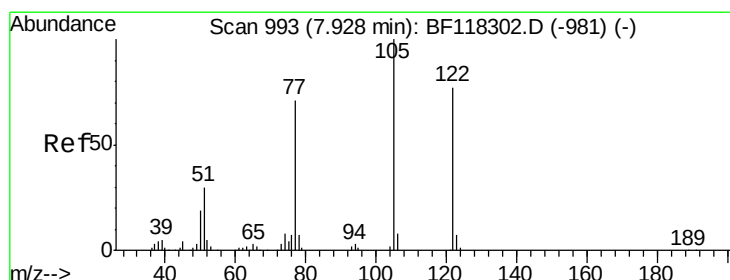
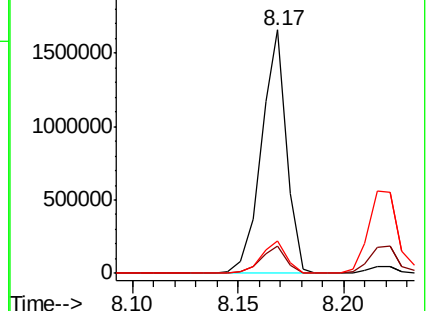
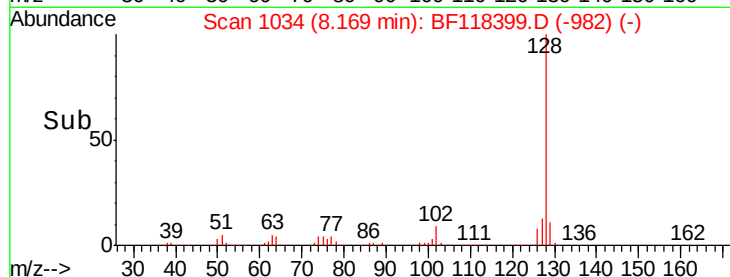
127 13.3 11.0 16.4



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: 30.491 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.03 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

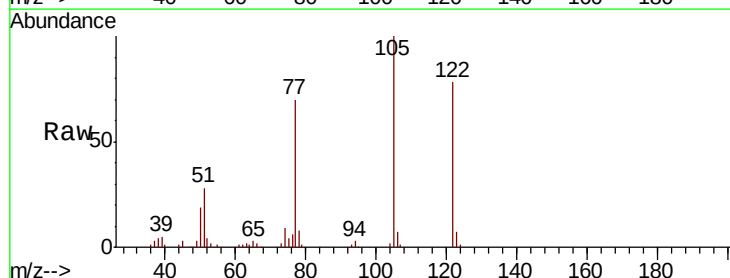
Tgt Ion:122 Resp: 214929

Ion Ratio Lower Upper

122 100

105 128.5 106.8 146.8

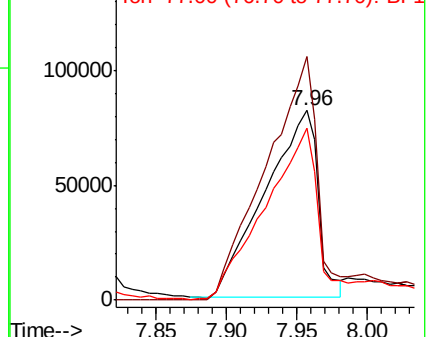
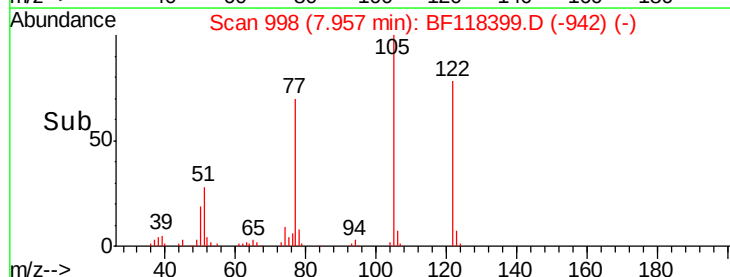
77 90.4 70.4 110.4

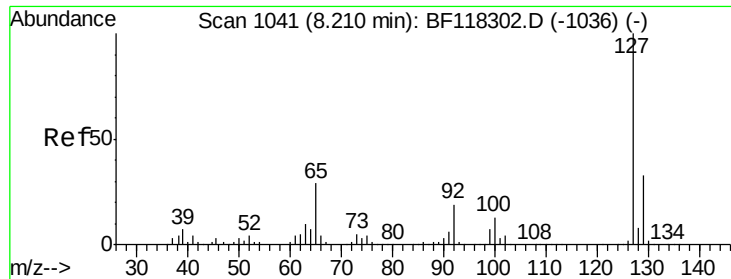


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

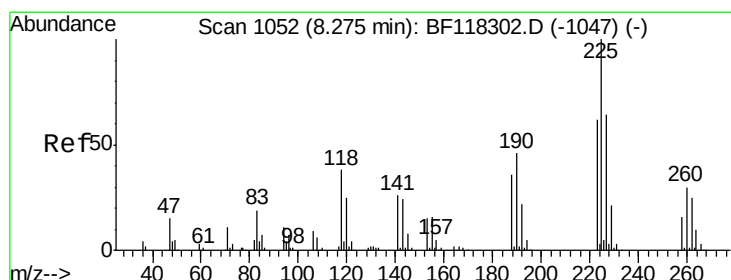
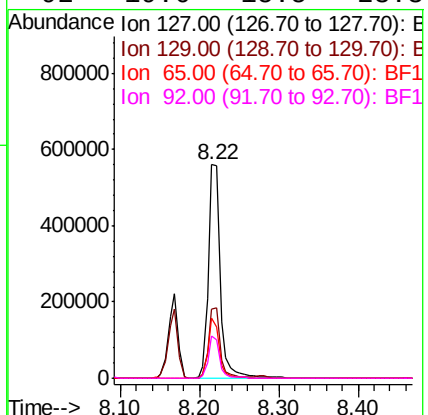
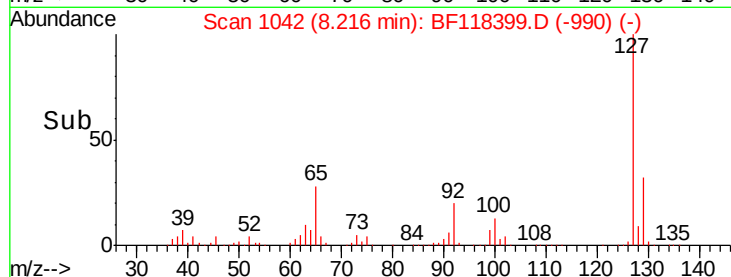
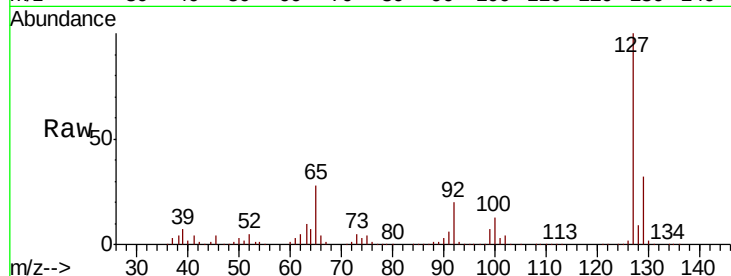




#33
4-Chloroaniline
Concen: 37.660 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

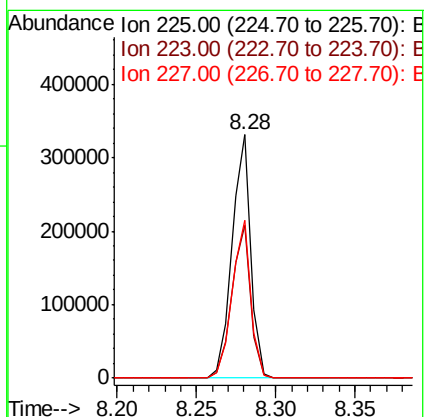
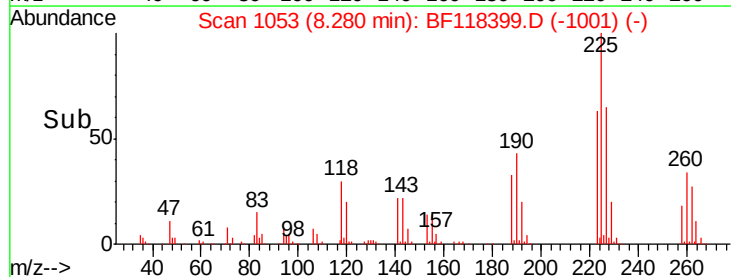
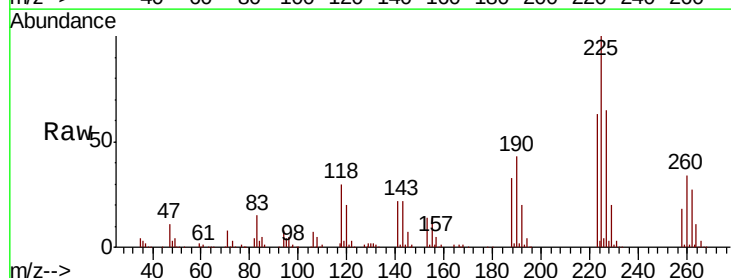
Instrument :
BNA_F
ClientSampleId :

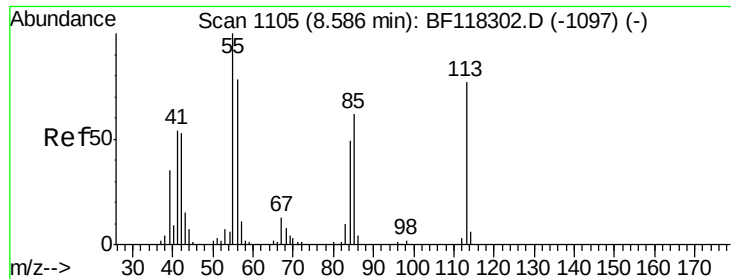
Tot Ion:127	Resp:	586327
Ion Ratio	Lower	Upper
127	100	
129	32.2	26.5 39.7
65	28.3	22.8 34.2
92	19.6	15.5 23.3



#34
Hexachlorobutadiene
Concen: 37.595 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:225	Resp:	271363
Ion Ratio	Lower	Upper
225	100	
223	63.0	49.5 74.3
227	64.7	51.0 76.4

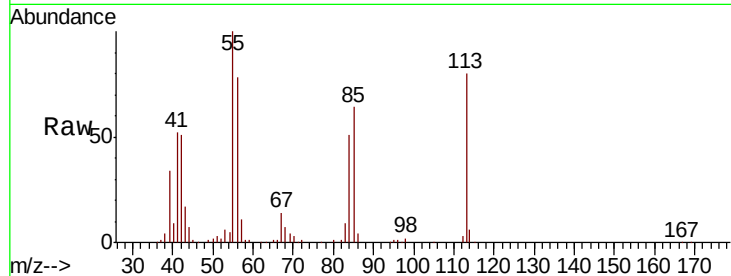




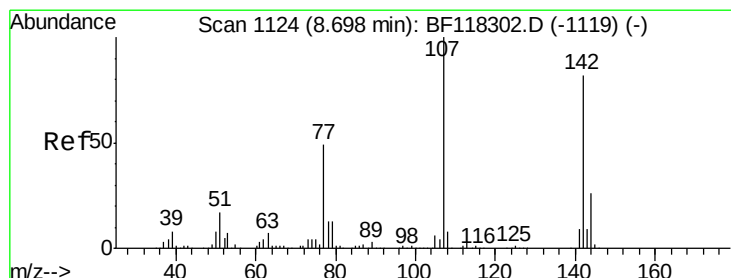
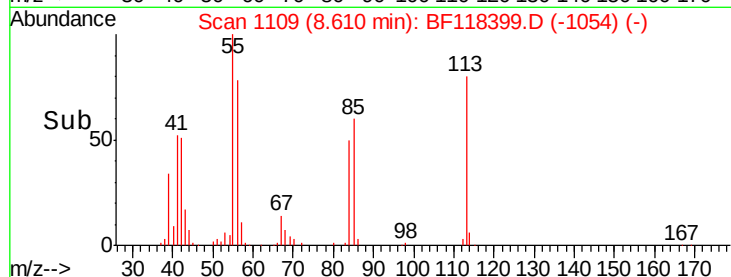
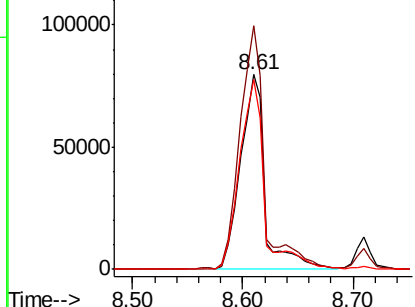
#35
Caprolactam
Concen: 37.916 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 123221
Ion Ratio Lower Upper
113 100
55 125.3 109.8 149.8
56 97.8 81.7 121.7

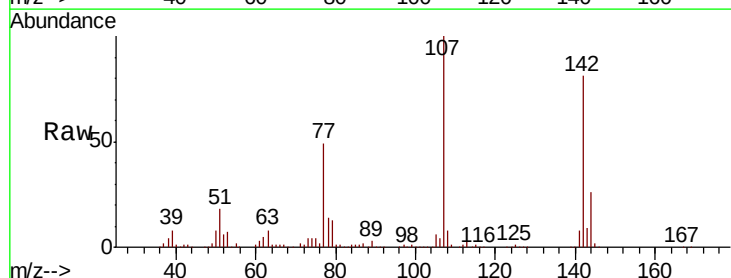


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

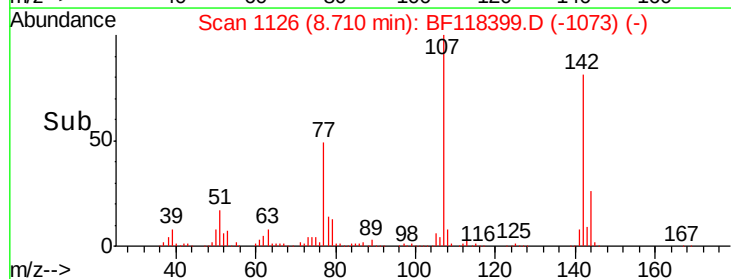
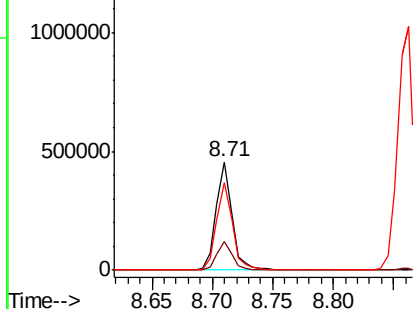


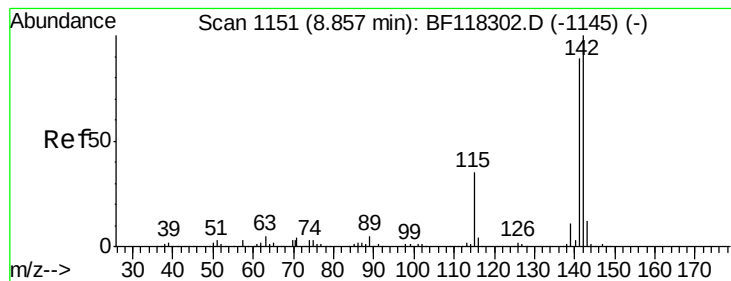
#36
4-Chloro-3-methylphenol
Concen: 37.062 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:107 Resp: 414206
Ion Ratio Lower Upper
107 100
144 26.1 21.2 31.8
142 81.0 65.4 98.2



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

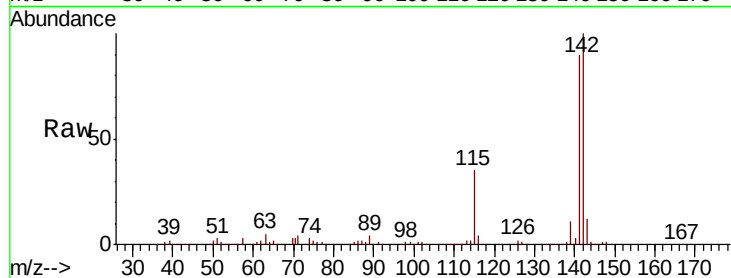




#37
2-Methylnaphthalene
Concen: 37.030 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8
115	35.2	28.0	42.0

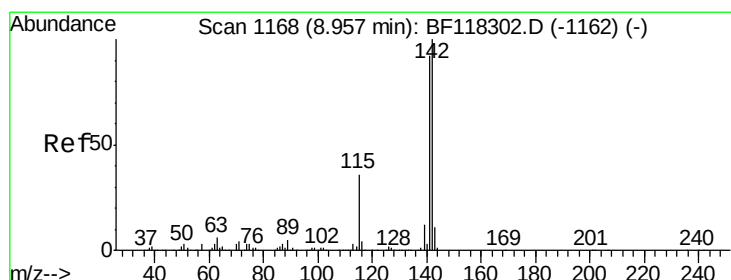
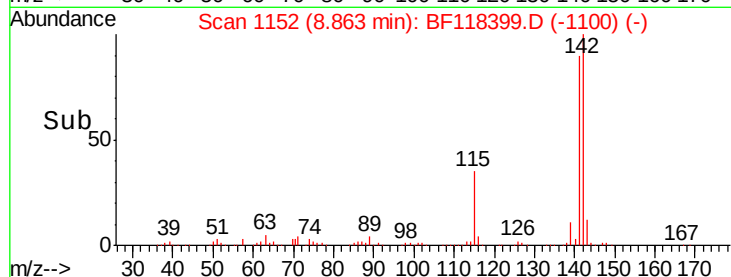
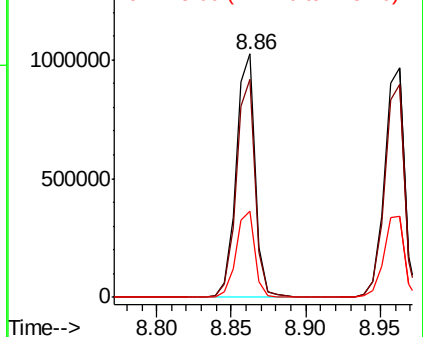


Abundance

Ion 142.00 (141.70 to 142.70): E

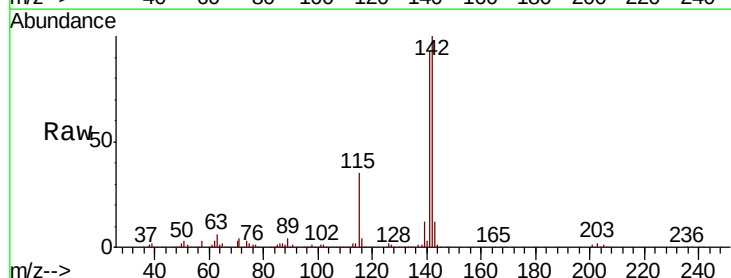
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.375 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	73.4	110.2
116	3.7	2.9	4.3

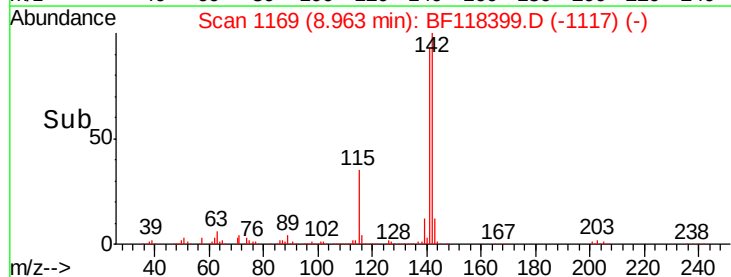
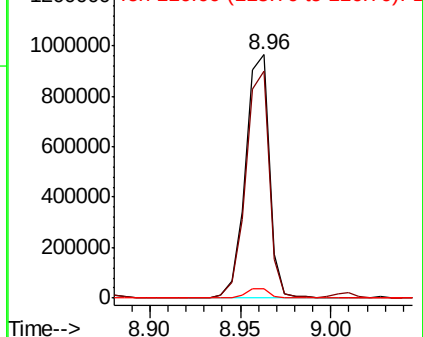


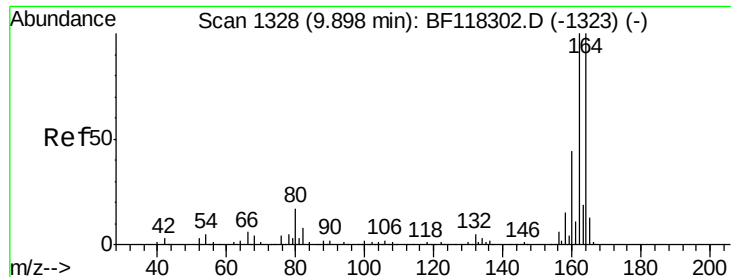
Abundance

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

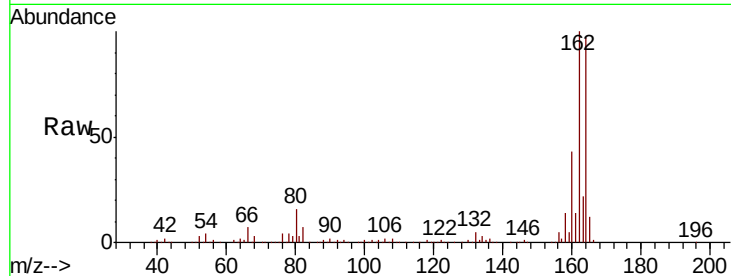




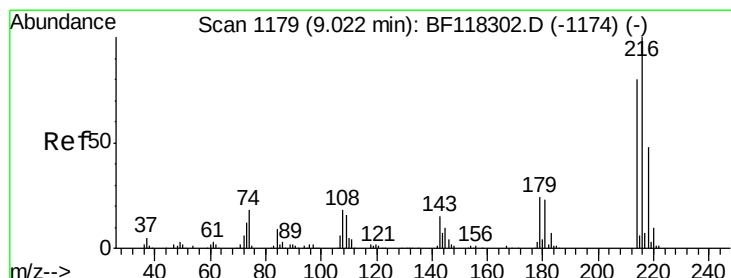
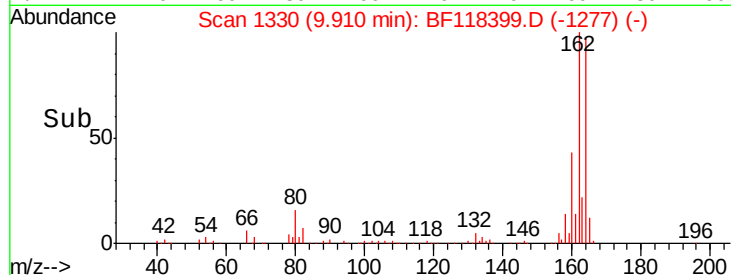
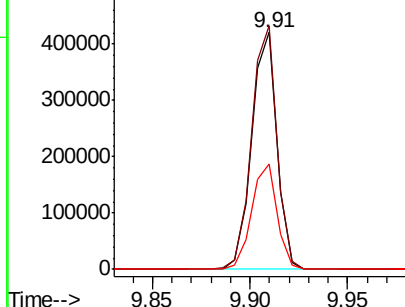
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 375928
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.0 120.0
 160 44.4 34.8 52.2

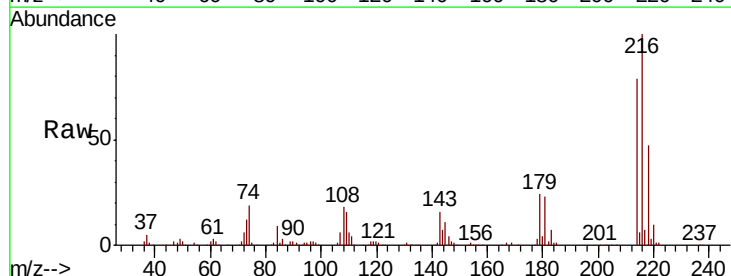


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

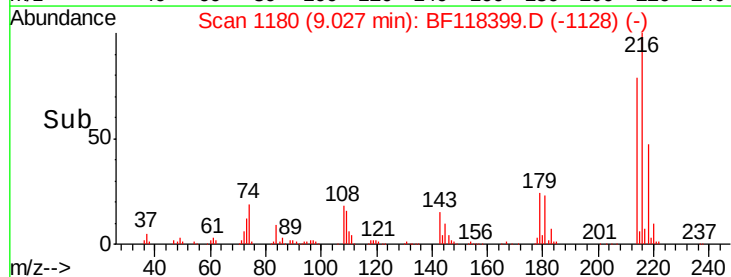
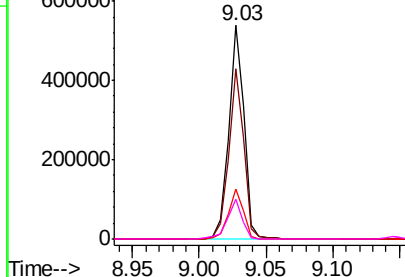


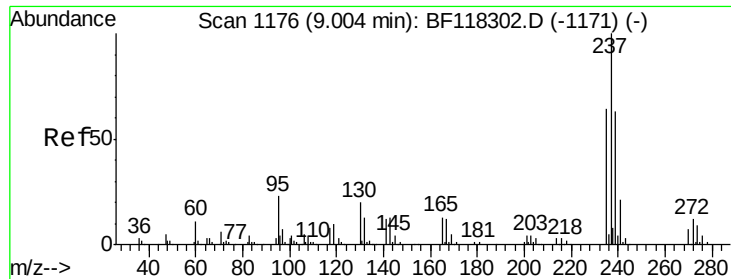
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.288 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:216 Resp: 432467
 Ion Ratio Lower Upper
 216 100
 214 78.7 63.3 94.9
 179 23.1 18.9 28.3
 108 18.7 15.0 22.6



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

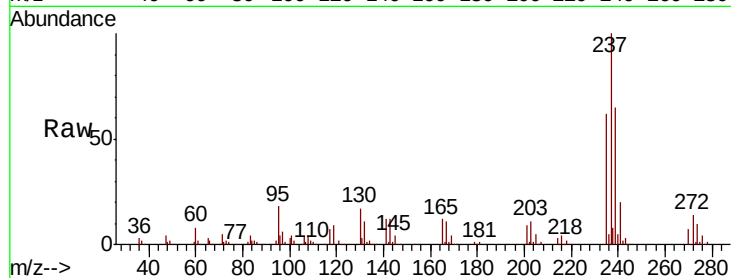




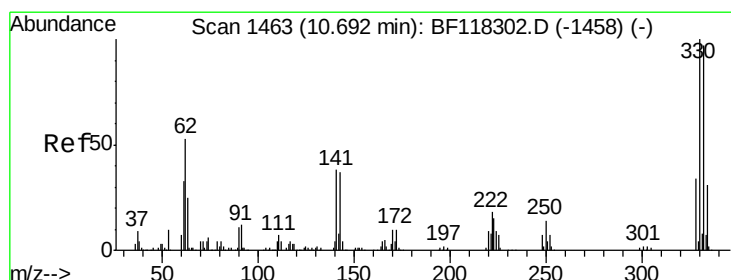
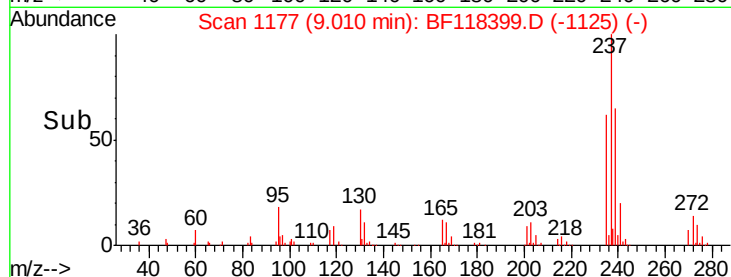
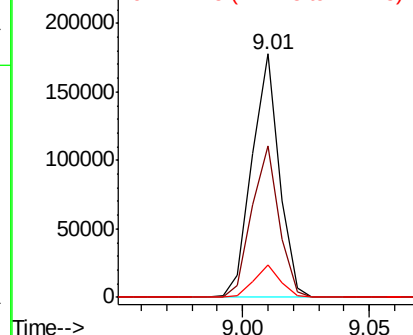
#41
Hexachlorocyclopentadiene
Concen: 33.876 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 133178
Ion Ratio Lower Upper
237 100
235 62.4 43.8 83.8
272 13.6 0.0 31.7

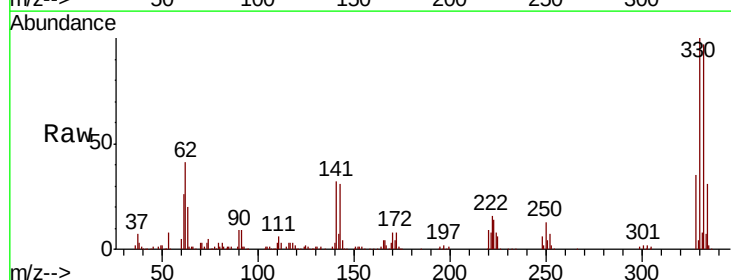


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

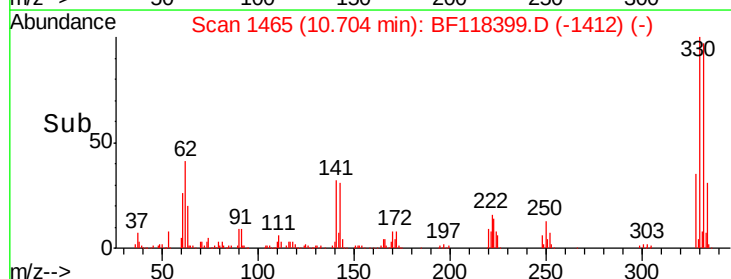
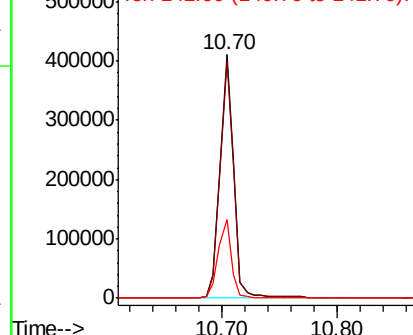


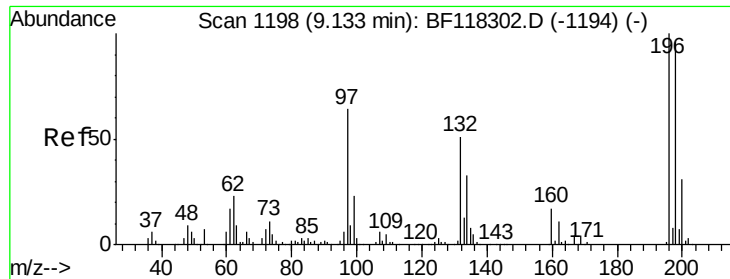
#42
2,4,6-Tribromophenol
Concen: 73.168 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:330 Resp: 339679
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 31.6 26.0 39.0



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

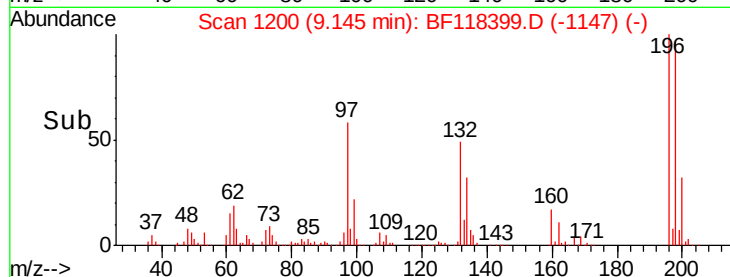
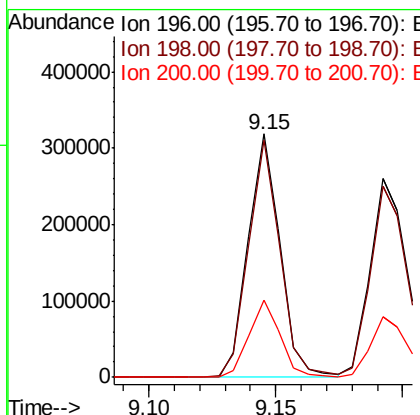
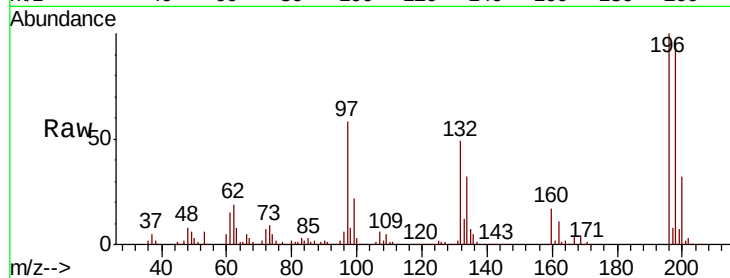




#43
 2,4,6-Trichlorophenol
 Concen: 36.983 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

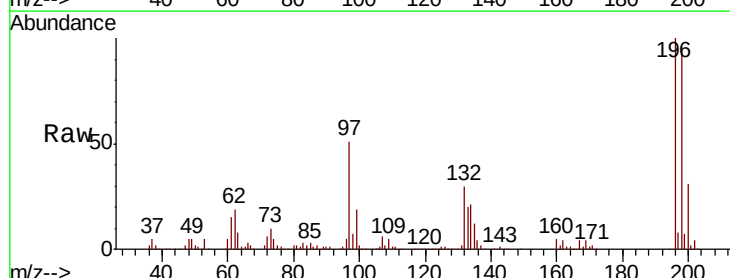
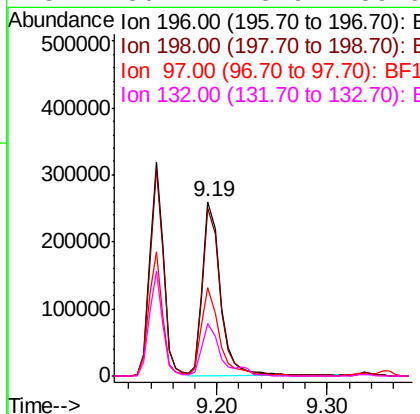
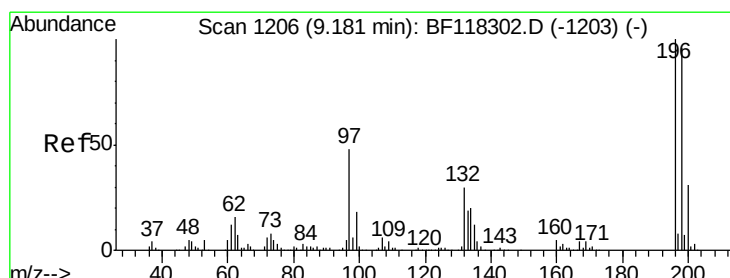
Instrument :
 BNA_F
 ClientSampleId :

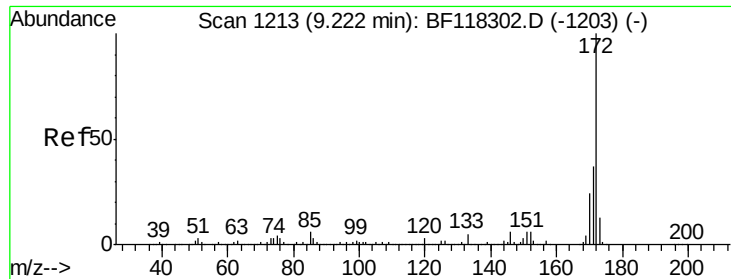
Tot Ion:196 Resp: 279067
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.7 115.1
 200 31.9 24.8 37.2



#44
 2,4,5-Trichlorophenol
 Concen: 36.717 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:196 Resp: 285018
 Ion Ratio Lower Upper
 196 100
 198 95.9 77.0 115.4
 97 50.7 38.9 58.3
 132 30.4 23.9 35.9

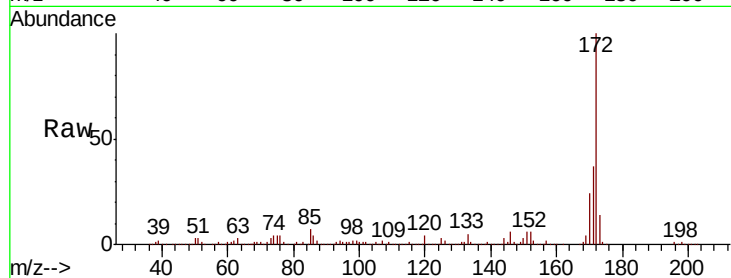




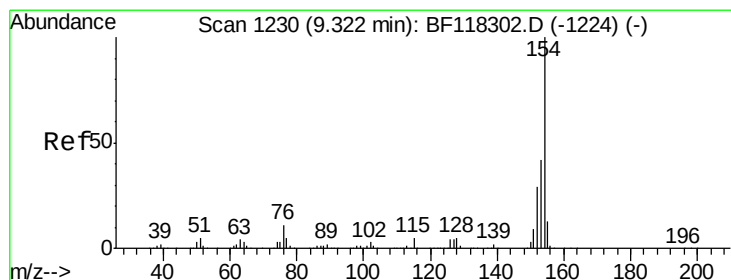
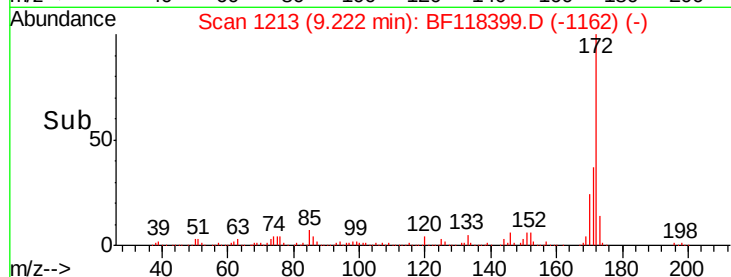
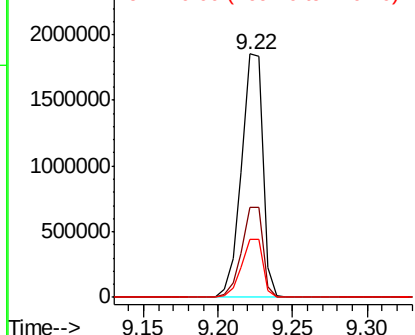
#45
2-Fluorobiphenyl
Concen: 75.222 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 1852516
Ion Ratio Lower Upper
172 100
171 36.9 29.3 43.9
170 23.9 19.2 28.8

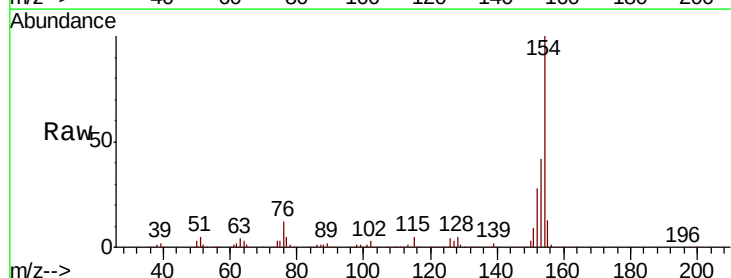


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

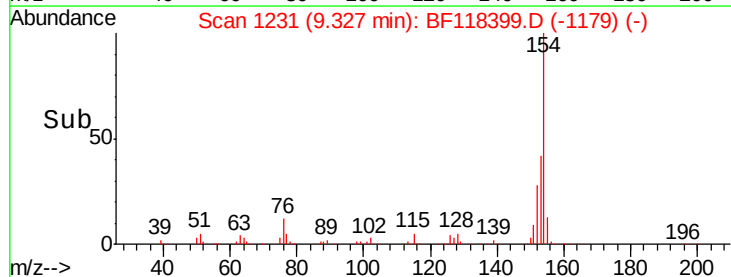
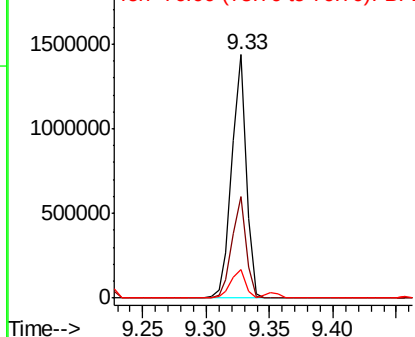


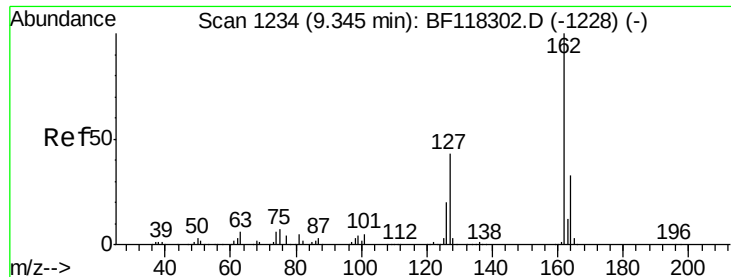
#46
1,1'-Biphenyl
Concen: 38.055 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:154 Resp: 1131521
Ion Ratio Lower Upper
154 100
153 41.5 21.8 61.8
76 11.5 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

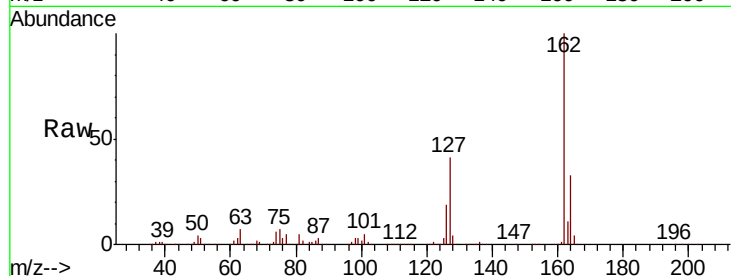




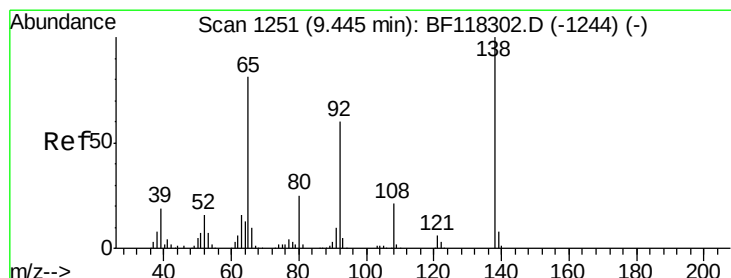
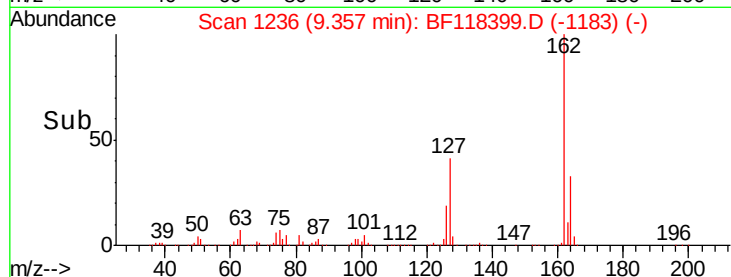
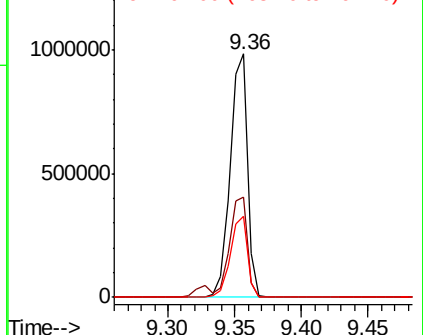
#47
 2-Chloronaphthalene
 Concen: 37.970 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	908640
Ion	Ratio	Lower	Upper
162	100		
127	41.3	35.0	52.4
164	33.3	26.6	40.0

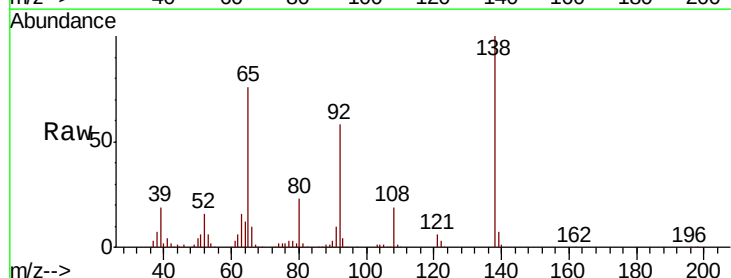


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

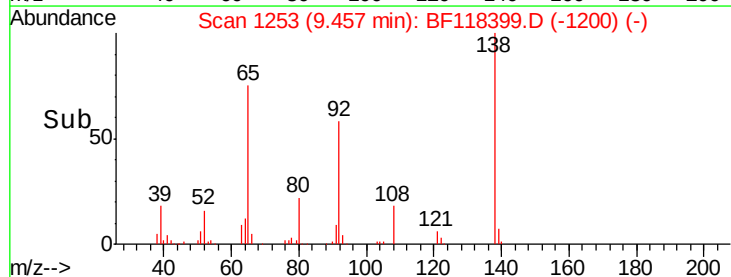
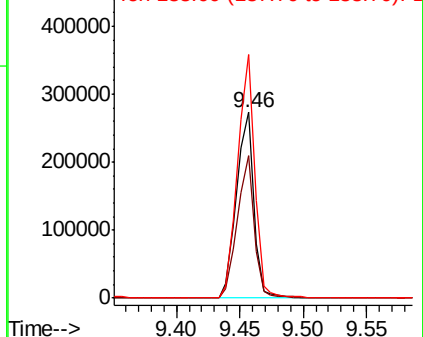


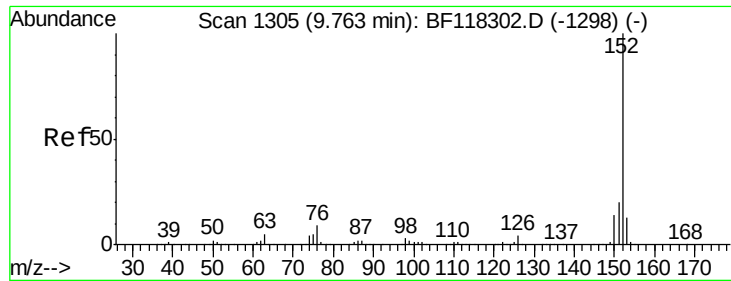
#48
 2-Nitroaniline
 Concen: 38.084 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:	65	Resp:	257422
Ion	Ratio	Lower	Upper
65	100		
92	76.4	58.7	88.1
138	131.0	98.5	147.7



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: 37.302 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

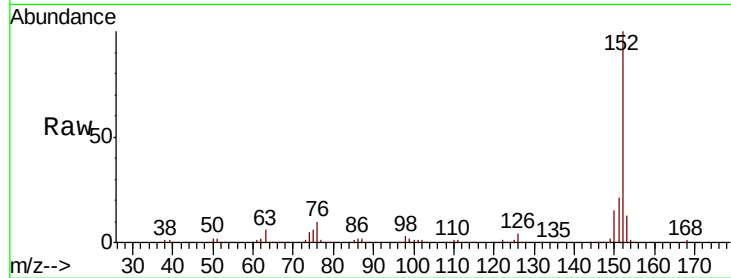
Instrument :

BNA_F

ClientSampleId :

Tot Ion:152 Resp: 1323919

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	13.5	10.5	15.7

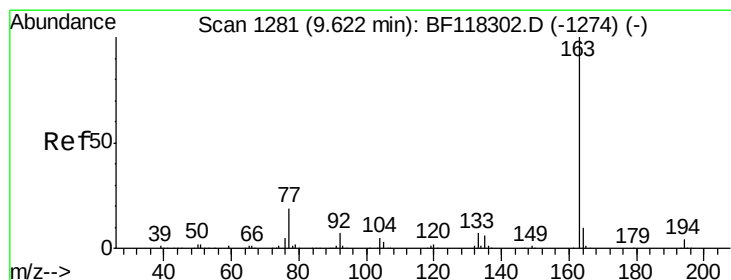
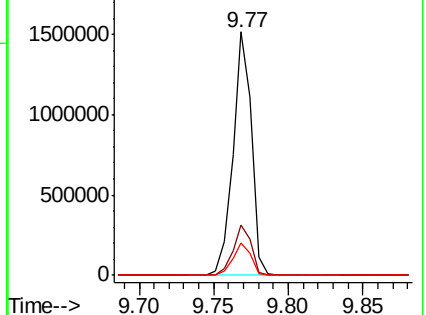
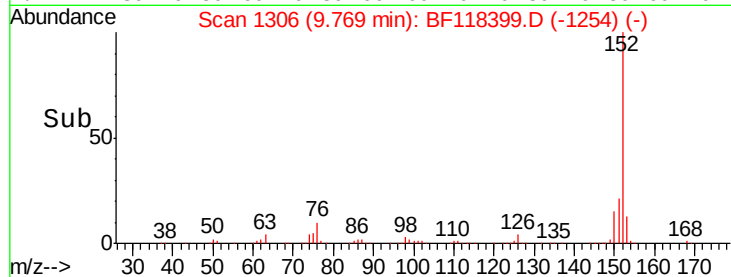


Abundance

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: 37.246 ng

RT: 9.63 min Scan# 1282

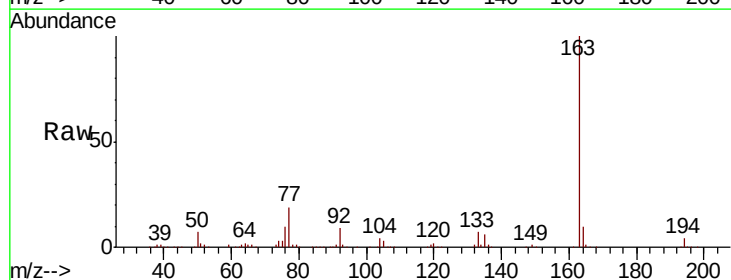
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:163 Resp: 1051024

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.3	7.9	11.9

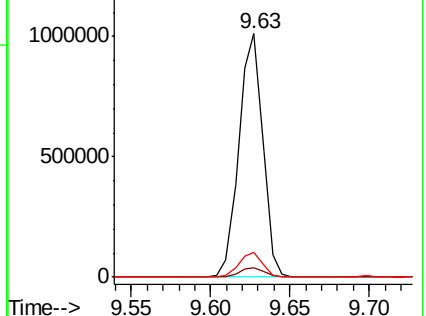
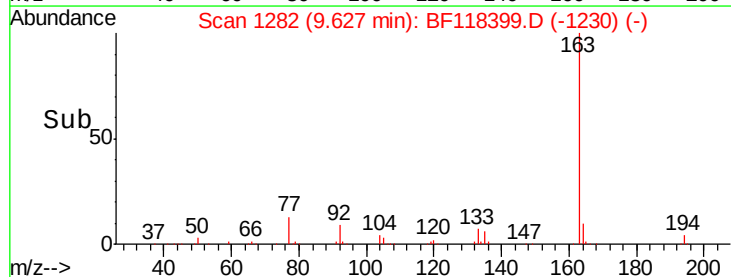


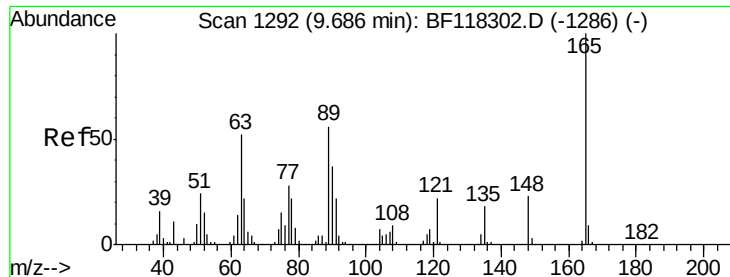
Abundance

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

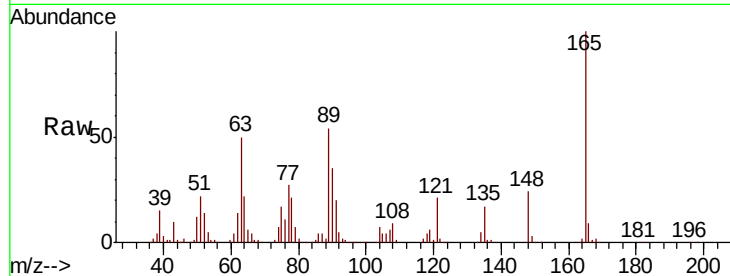




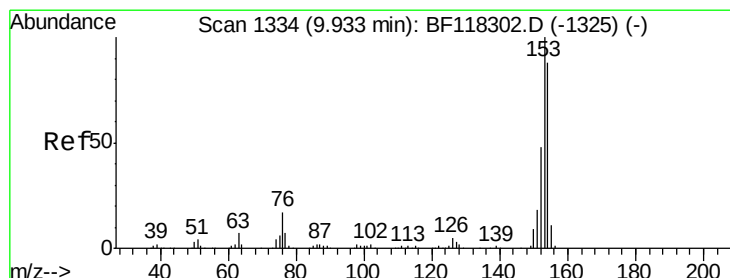
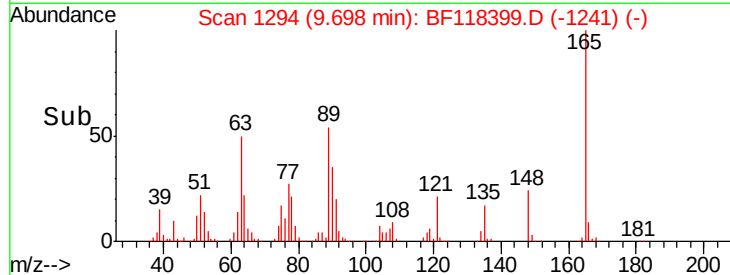
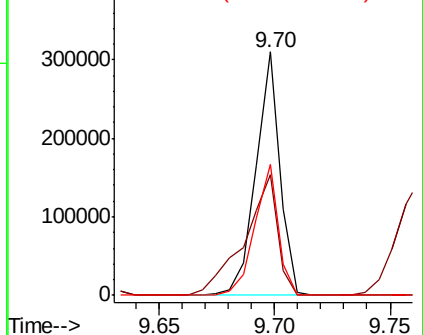
#51
2,6-Dinitrotoluene
Concen: 37.129 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.6	42.2	63.4
89	53.7	44.4	66.6

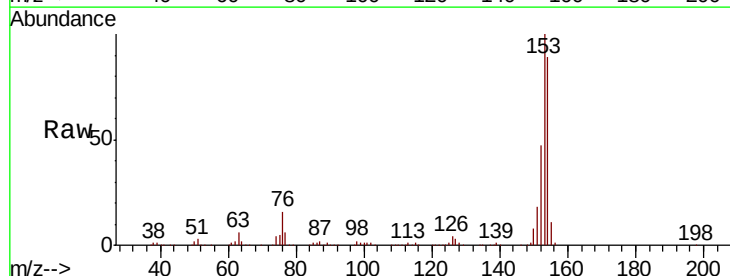


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

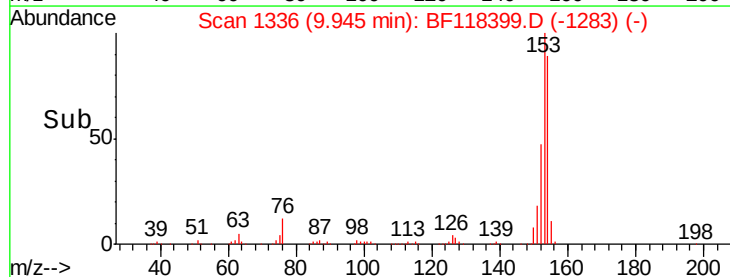
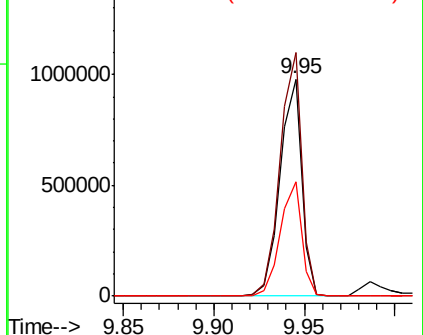


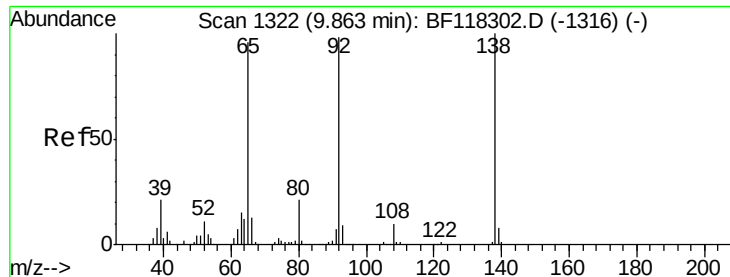
#52
Acenaphthene
Concen: 37.687 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.6	136.0
152	52.8	43.1	64.7



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

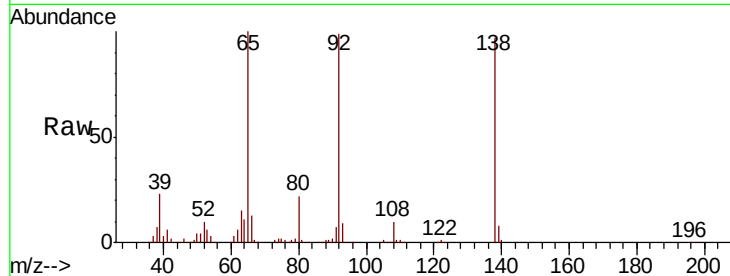




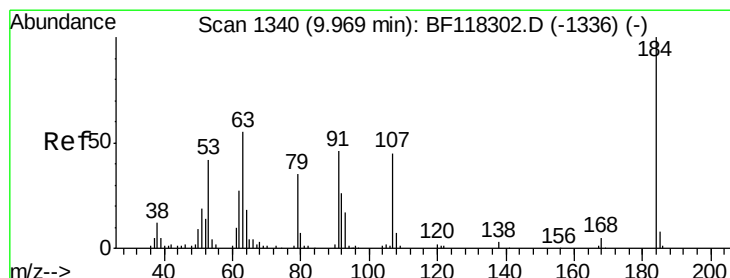
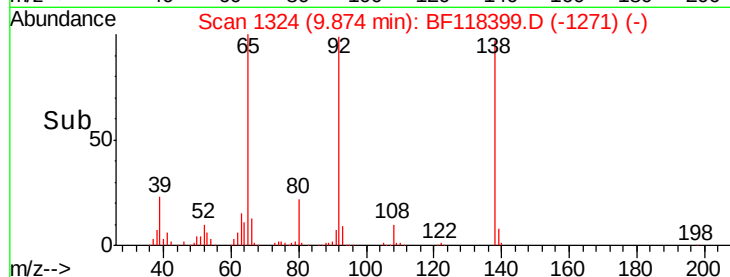
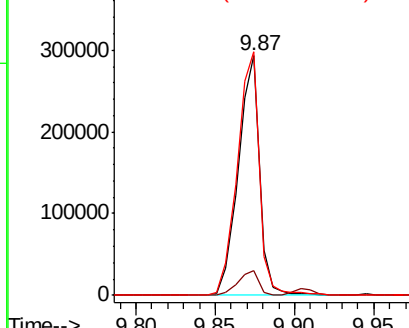
#53
3-Nitroaniline
Concen: 38.241 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 273055
Ion Ratio Lower Upper
138 100
108 10.3 7.8 11.8
92 101.6 78.2 117.2

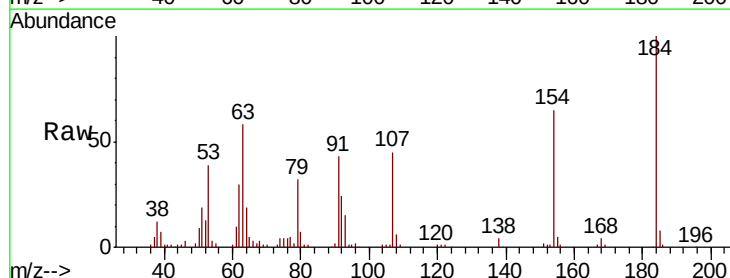


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

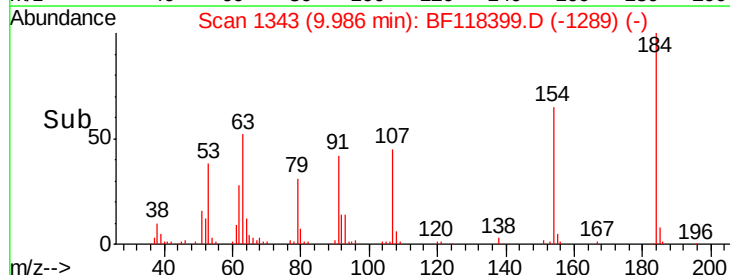
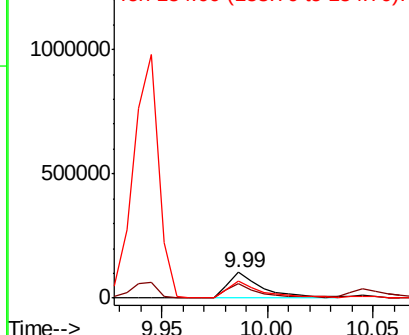


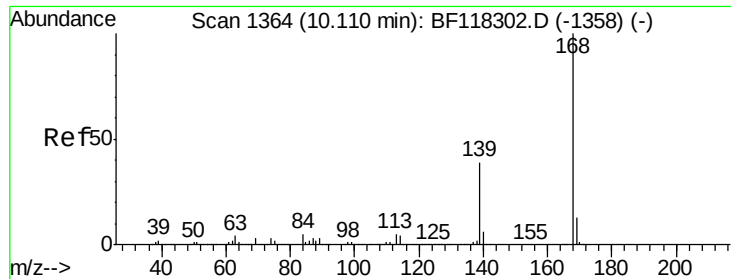
#54
2,4-Dinitrophenol
Concen: 40.649 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:184 Resp: 116325
Ion Ratio Lower Upper
184 100
63 58.3 48.8 73.2
154 65.4 55.0 82.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 36.771 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

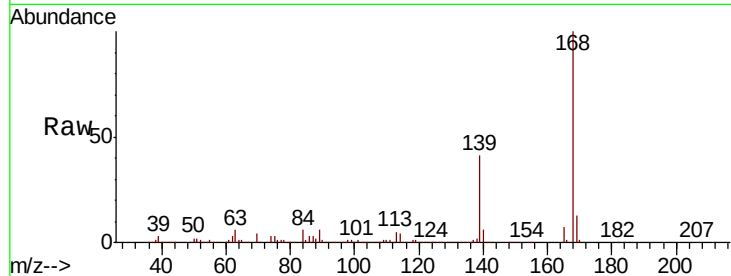
Tot Ion:168 Resp: 1174573

Ion Ratio Lower Upper

168 100

139 41.1 31.5 47.3

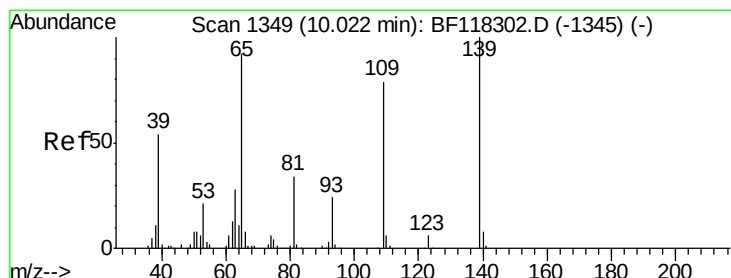
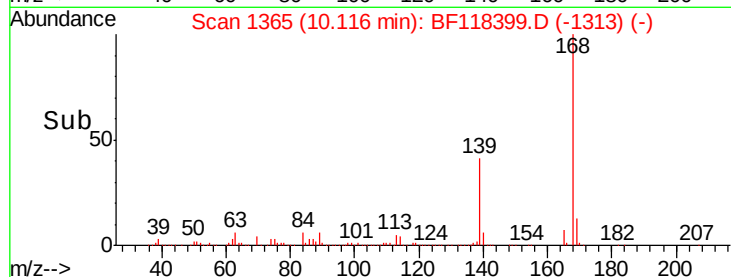
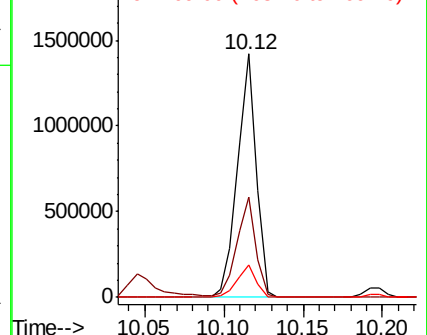
169 13.3 10.4 15.6



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: 38.879 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.02 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

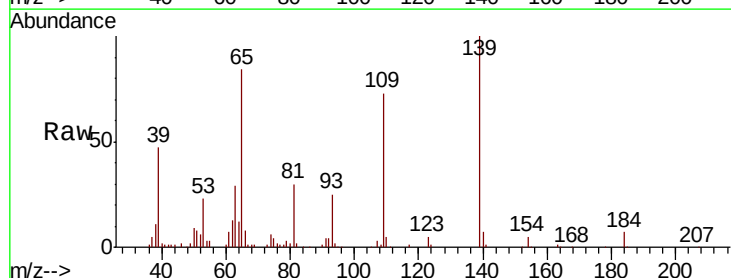
Tgt Ion:139 Resp: 171382

Ion Ratio Lower Upper

139 100

109 73.1 59.3 99.3

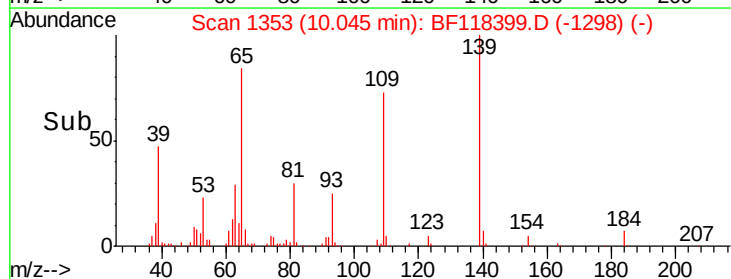
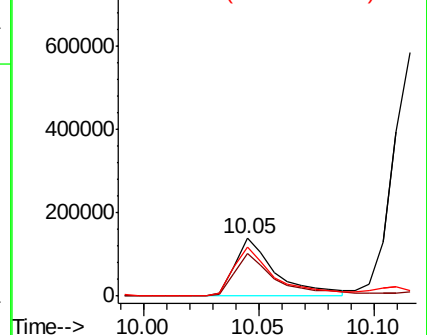
65 84.4 72.4 112.4

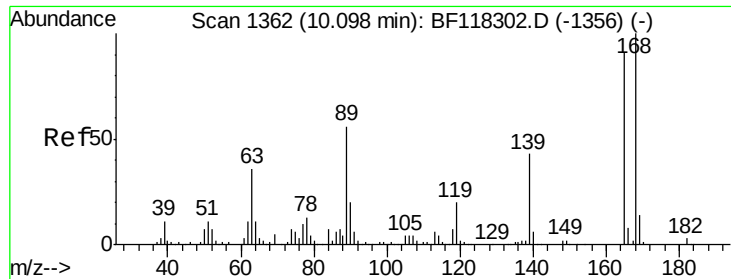


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

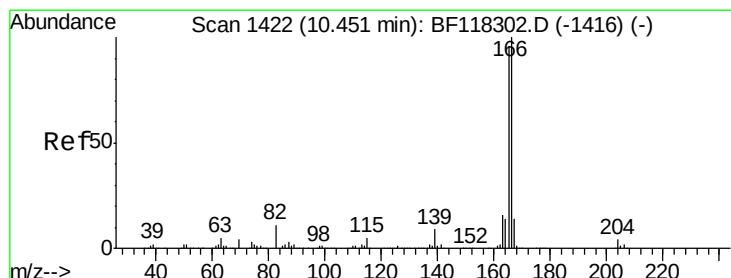
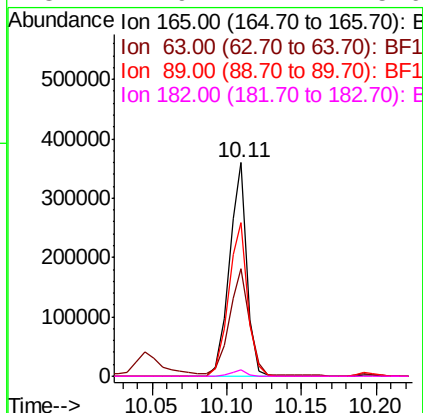
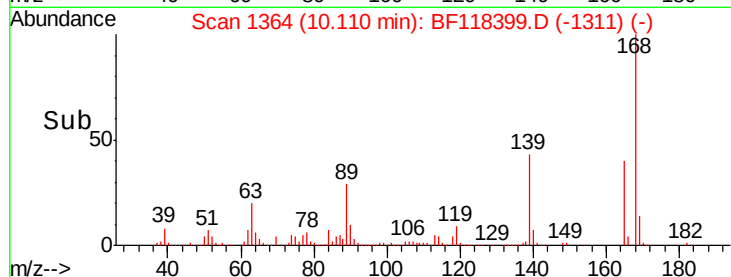
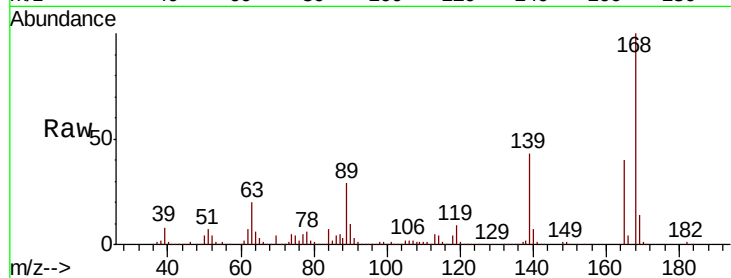




#57
2,4-Dinitrotoluene
Concen: 36.869 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

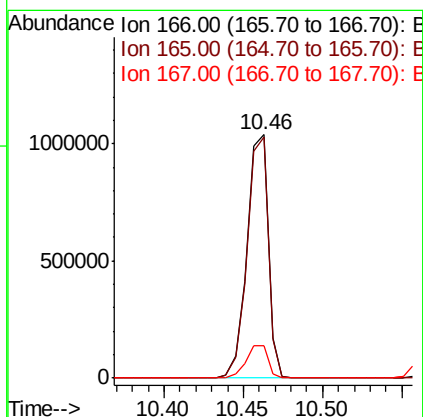
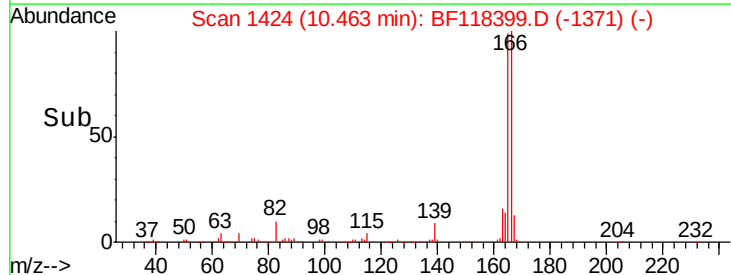
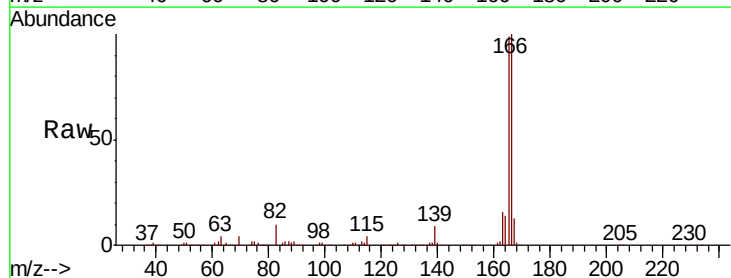
Instrument :
BNA_F
ClientSampleId :

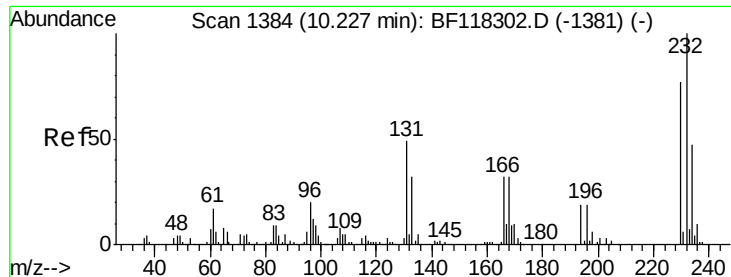
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	32.0	48.0#
89	72.1	49.3	73.9
182	2.9	2.4	3.6



#58
Fluorene
Concen: 37.336 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	77.0	115.4
167	13.3	10.9	16.3

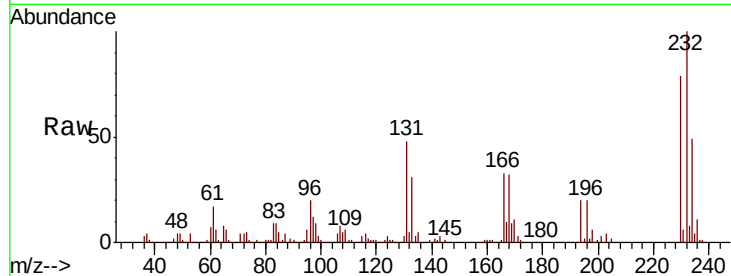




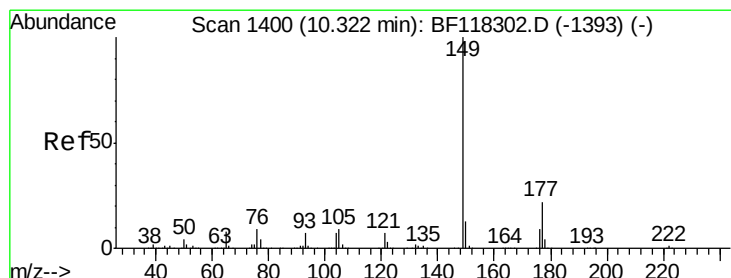
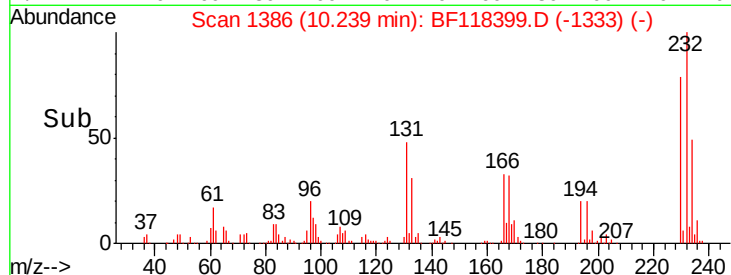
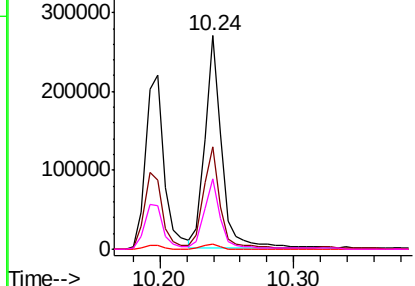
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.725 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 235627
 Ion Ratio Lower Upper
 232 100
 131 49.1 37.7 56.5
 130 2.5 2.0 3.0
 166 31.6 24.7 37.1

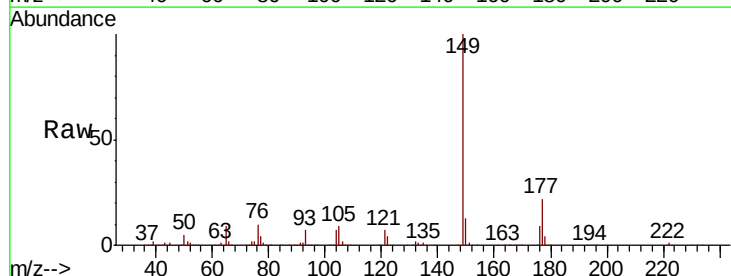


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

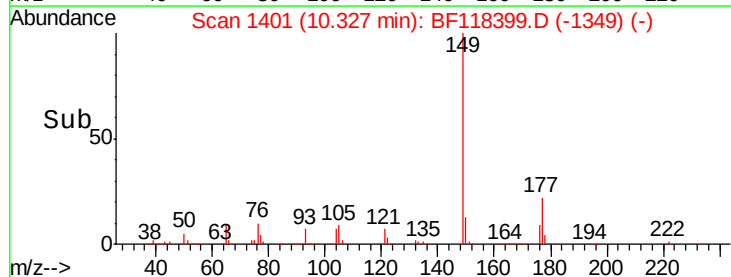
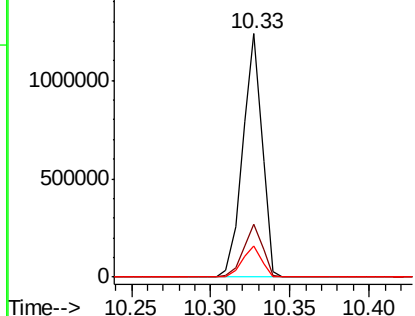


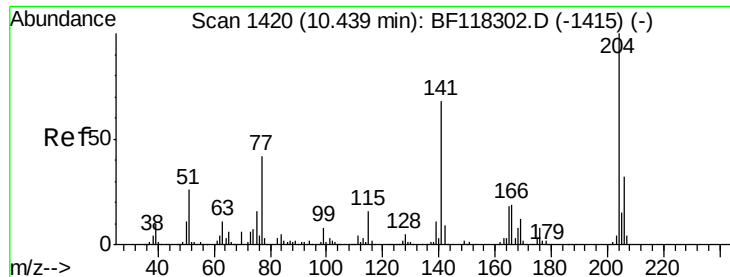
#60
 Diethylphthalate
 Concen: 37.209 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:149 Resp: 1038757
 Ion Ratio Lower Upper
 149 100
 177 21.7 17.9 26.9
 150 12.7 10.2 15.2



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

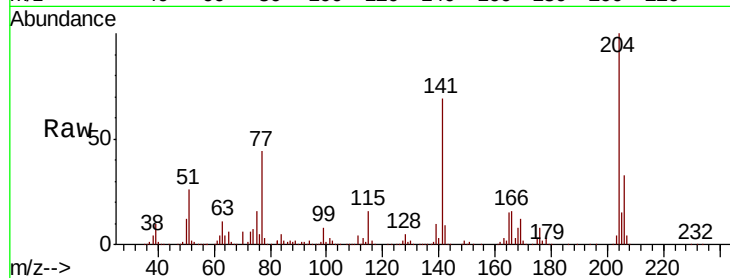




#61
4-Chlorophenyl-phenylether
Concen: 37.507 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	69.3	54.2	81.4

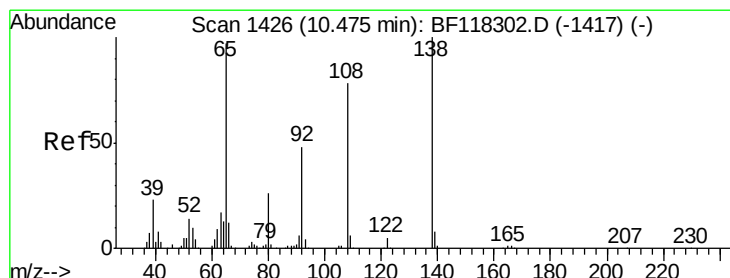
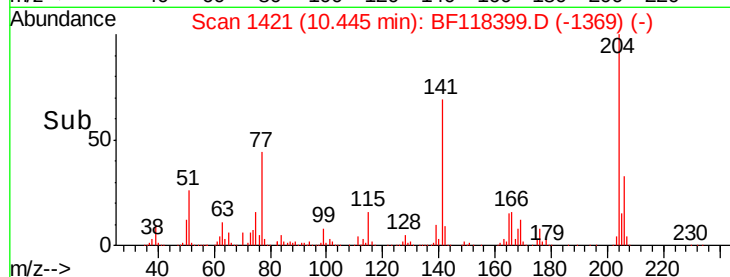
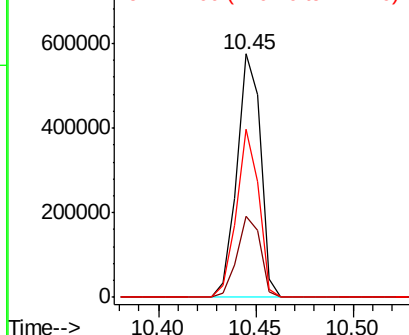


Abundance

Ion 204.00 (203.70 to 204.70): E

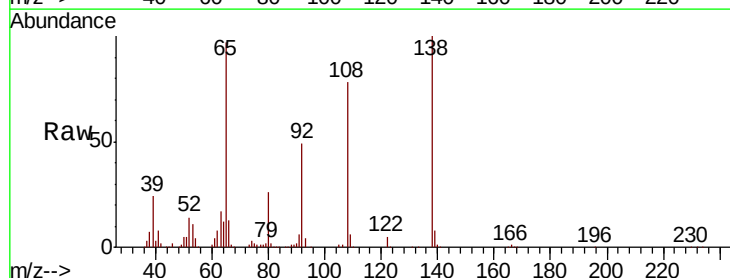
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 37.210 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	27.9	67.9
108	78.5	58.1	98.1

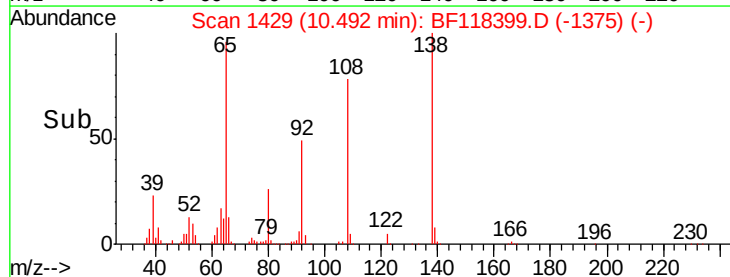
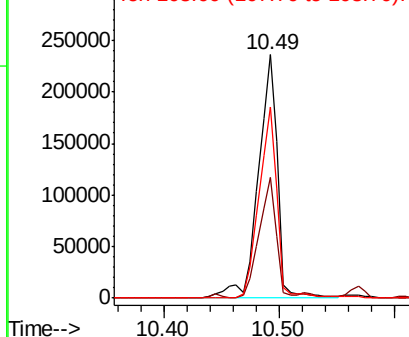


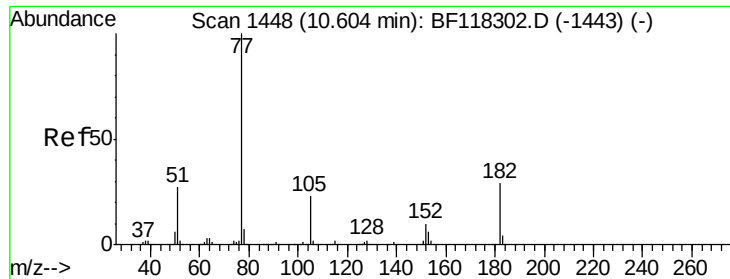
Abundance

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

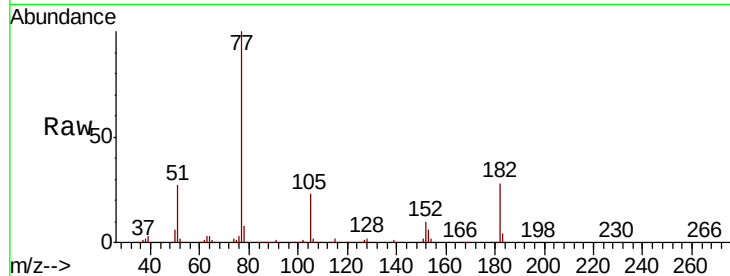




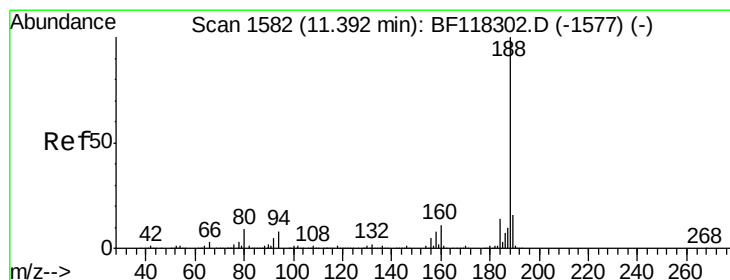
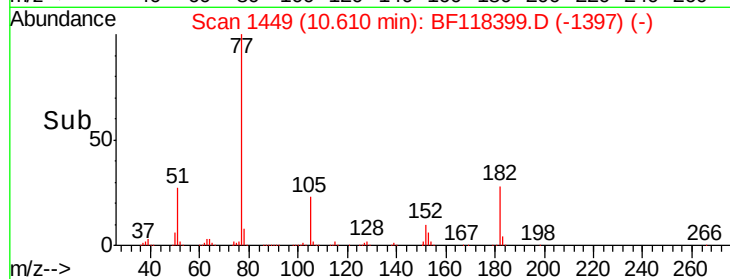
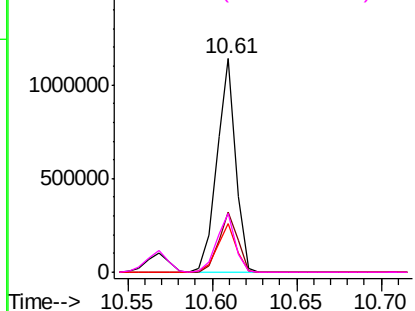
#63
Azobenzene
Concen: 36.970 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	884033
Ion	Ratio	Lower	Upper
77	100		
182	28.3	9.2	49.2
105	23.1	3.2	43.2
51	27.3	7.1	47.1

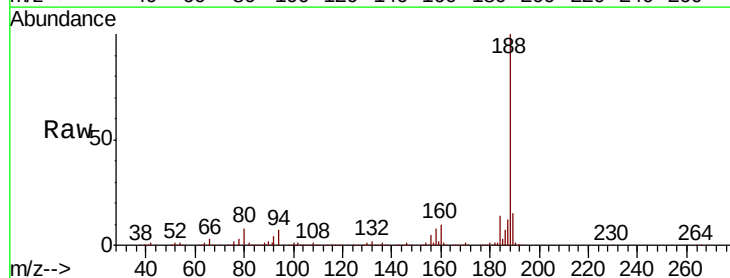


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

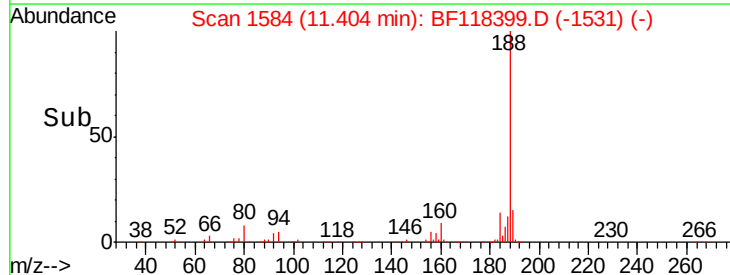
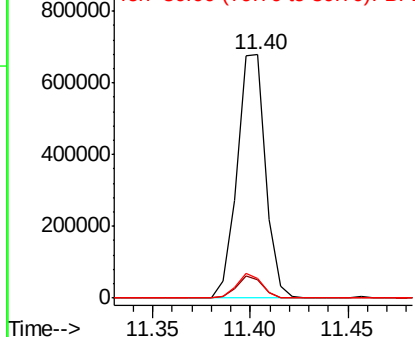


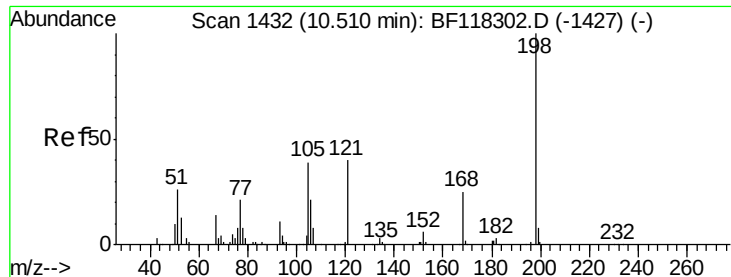
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:	188	Resp:	682639
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.3	7.2	10.8



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

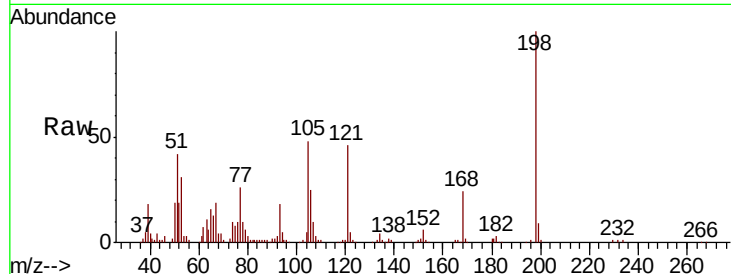




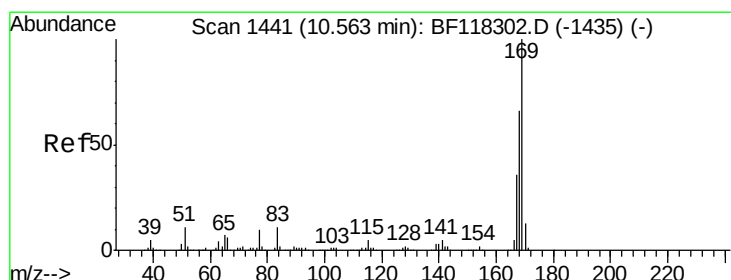
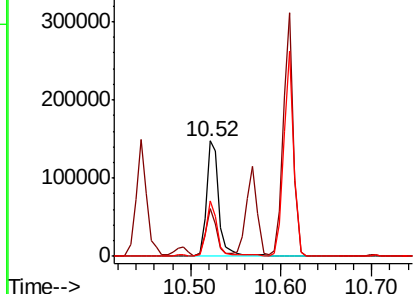
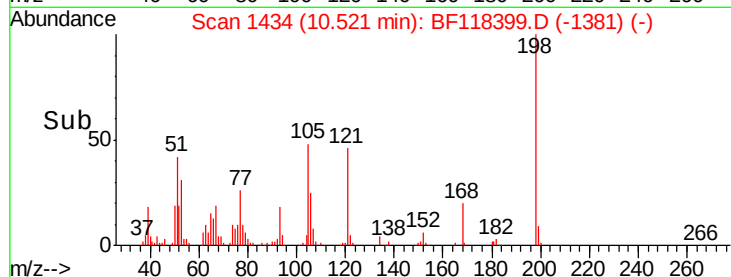
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.646 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 146001
 Ion Ratio Lower Upper
 198 100
 51 41.9 12.8 52.8
 105 47.8 20.3 60.3

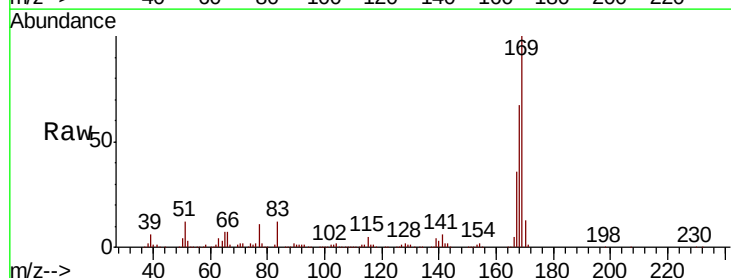


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

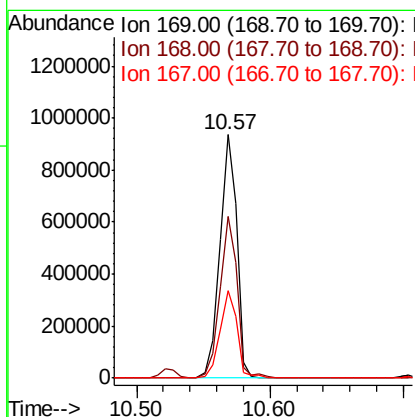
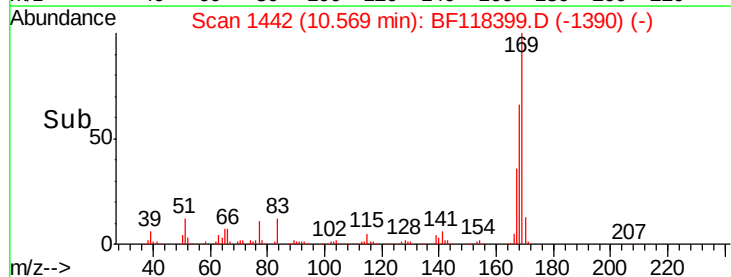


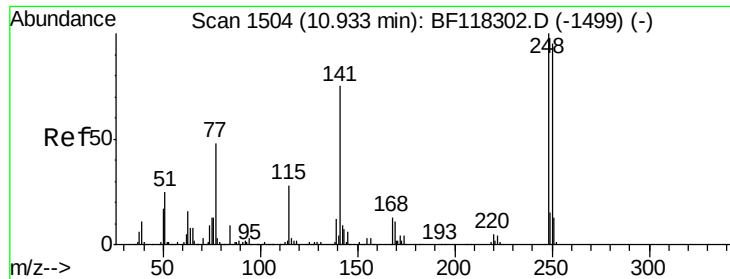
#66
 n-Nitrosodiphenylamine
 Concen: 38.425 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:169 Resp: 840684
 Ion Ratio Lower Upper
 169 100
 168 66.7 52.6 79.0
 167 36.0 28.4 42.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

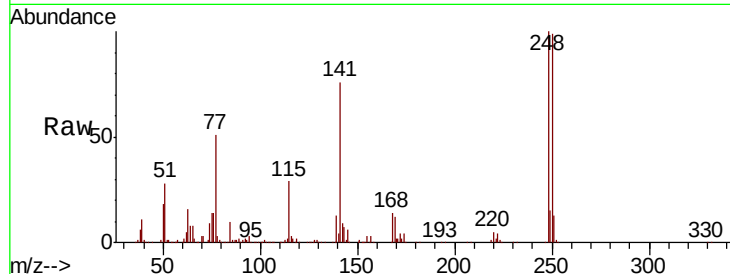




#67
4-Bromophenyl-phenylether
Concen: 37.830 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.4	114.6
141	76.2	60.2	90.2

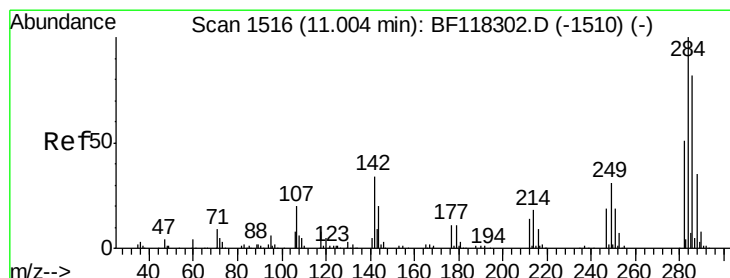
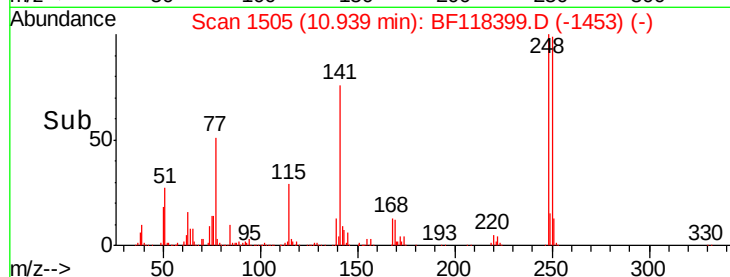
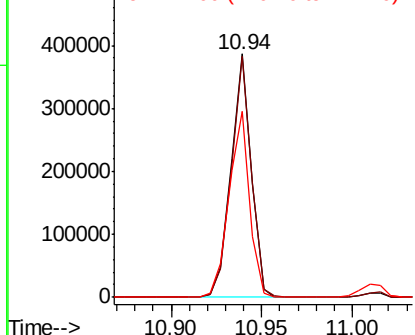


Abundance

Ion 248.00 (247.70 to 248.70): E

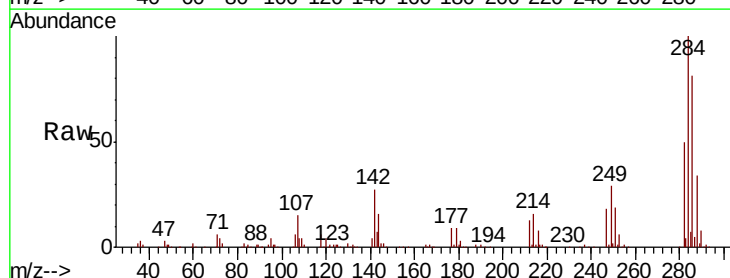
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.284 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.8	27.3	40.9#
249	28.5	25.0	37.6

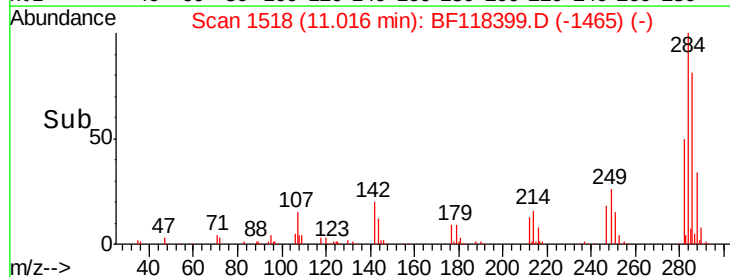
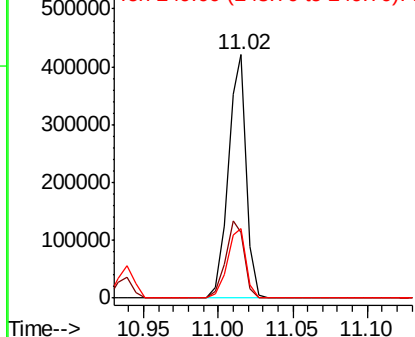


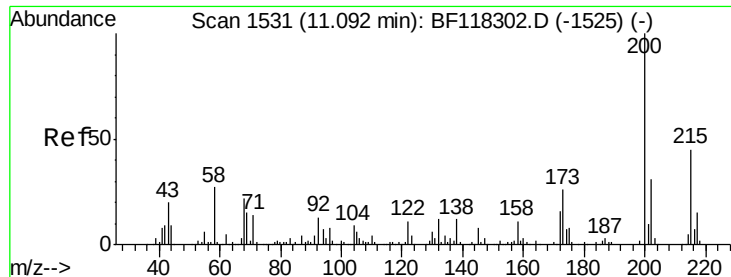
Abundance

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

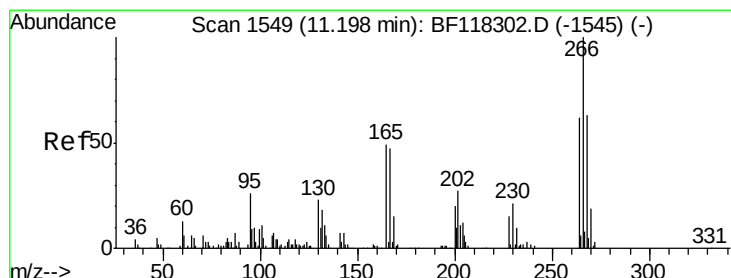
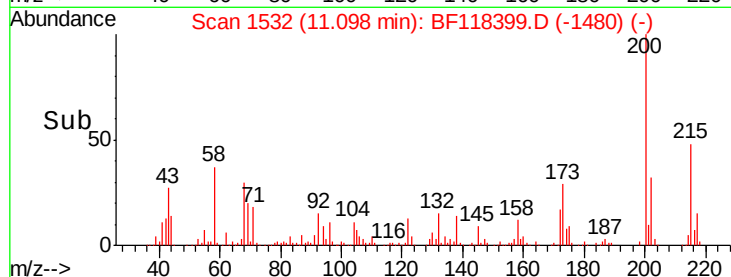
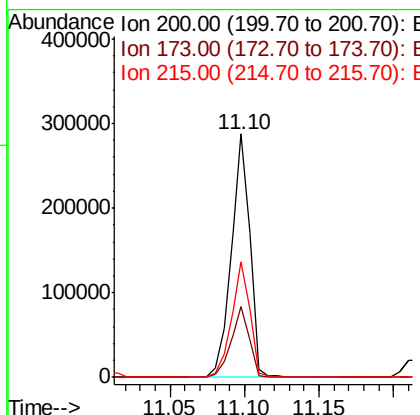
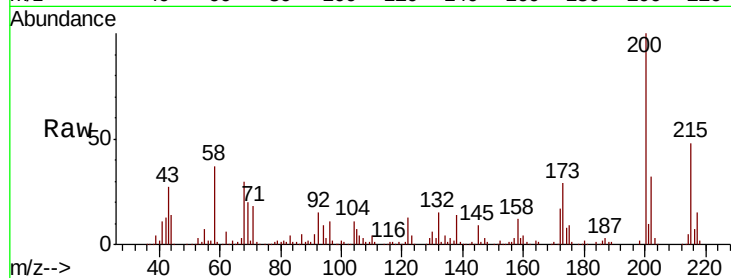




#69
Atrazine
Concen: 37.606 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

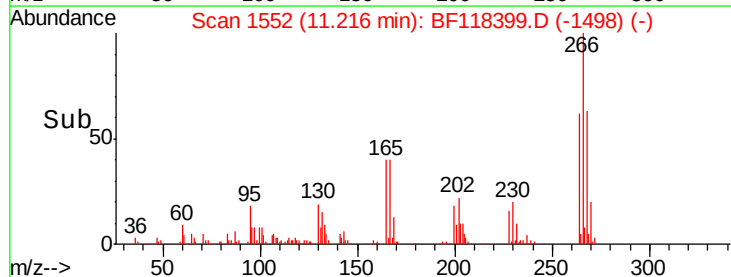
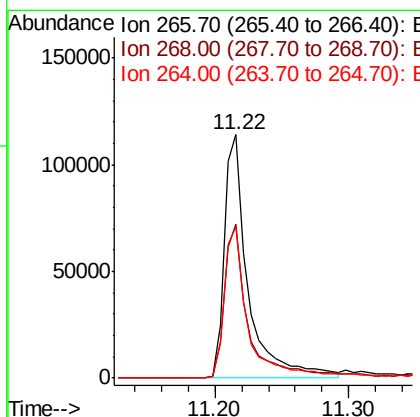
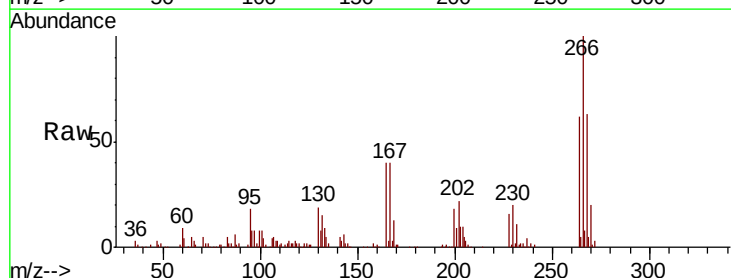
Instrument :
BNA_F
ClientSampleId :

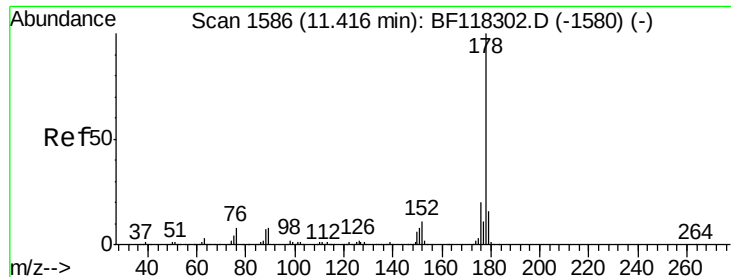
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	5.8	45.8
215	47.6	25.1	65.1



#70
Pentachlorophenol
Concen: 35.216 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.6	76.0
264	62.1	49.9	74.9

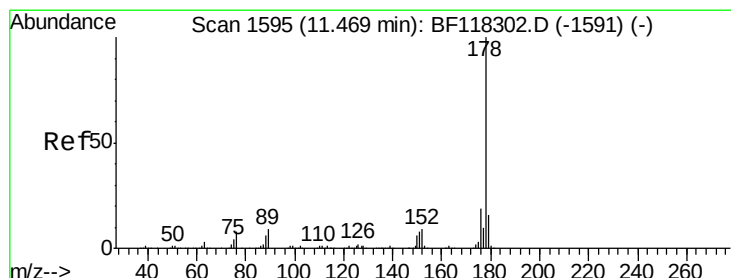
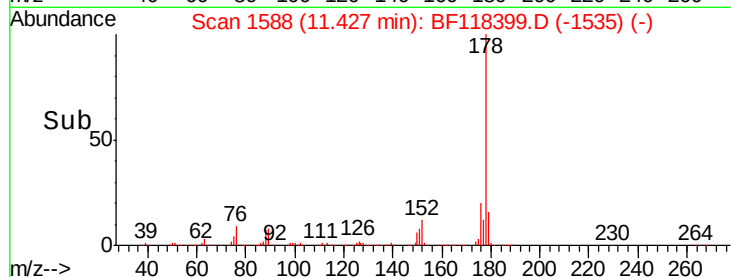
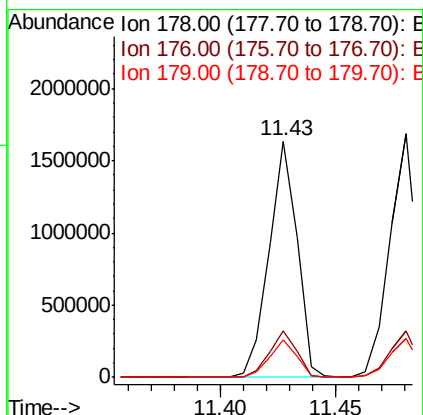
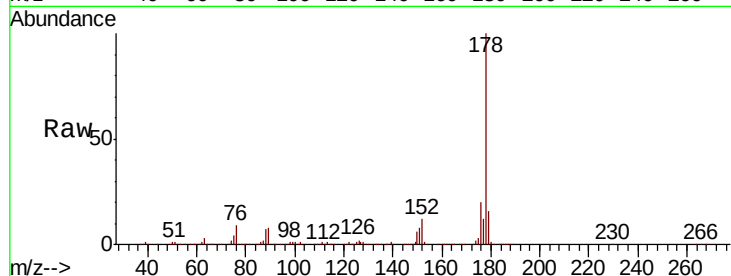




#71
Phenanthrene
Concen: 37.140 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

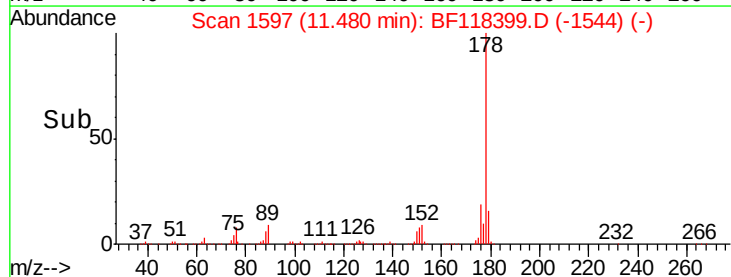
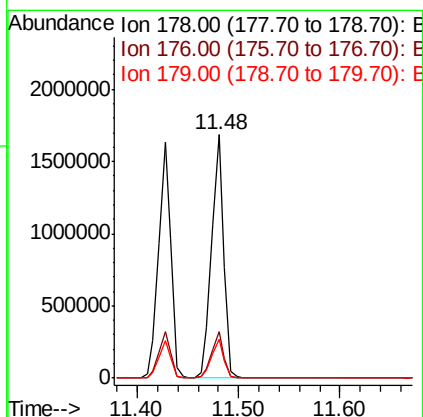
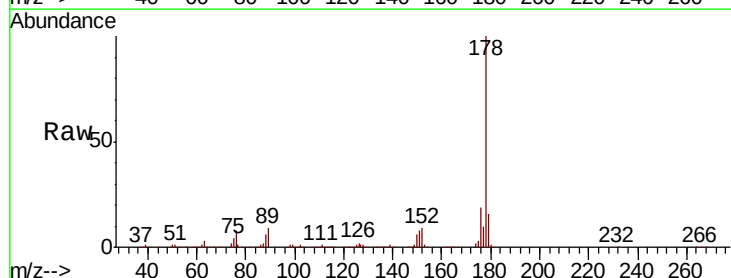
Instrument :
BNA_F
ClientSampleId :

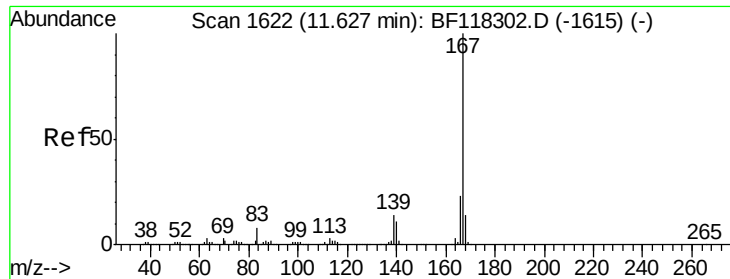
Tot Ion:178 Resp: 1382144
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 37.911 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:178 Resp: 1412129
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.7 12.9 19.3

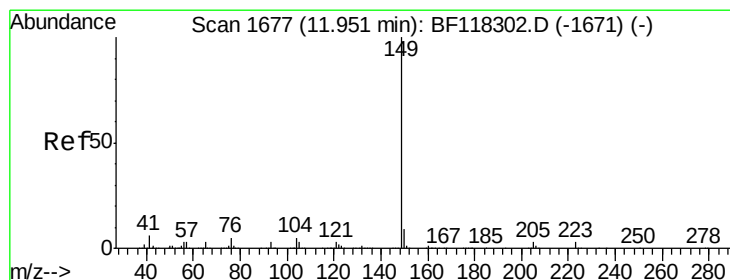
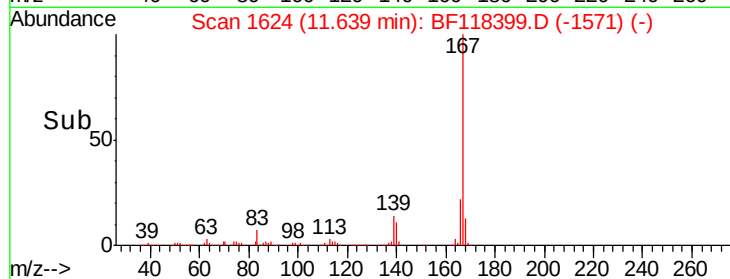
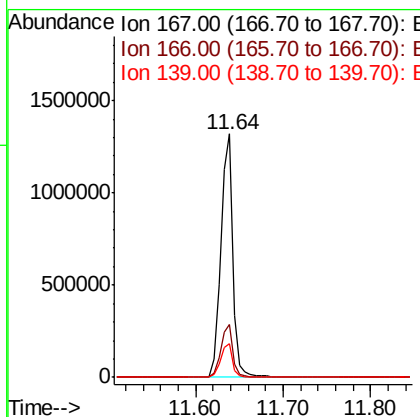
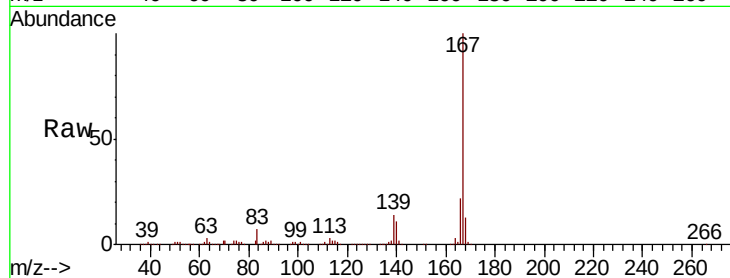




#73
 Carbazole
 Concen: 37.975 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

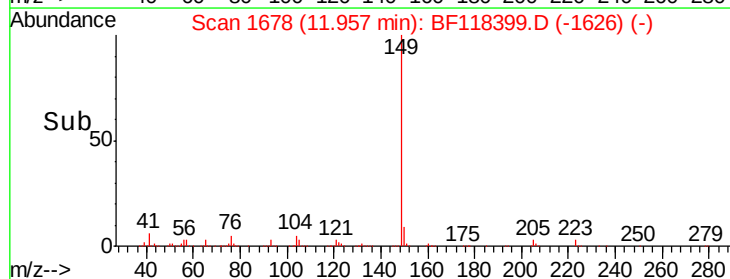
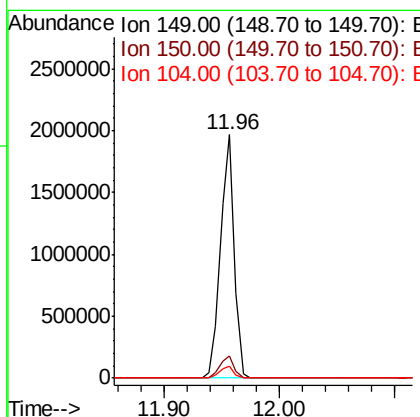
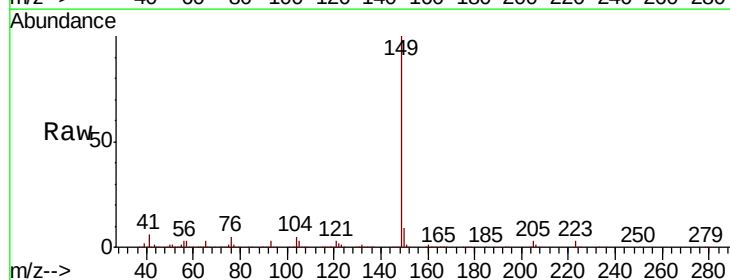
Instrument :
 BNA_F
 ClientSampleId :

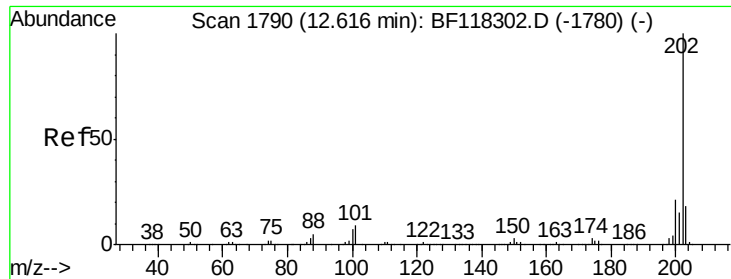
Tot Ion:167 Resp: 1255178
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.6 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 38.625 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:149 Resp: 1618744
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.0 6.0

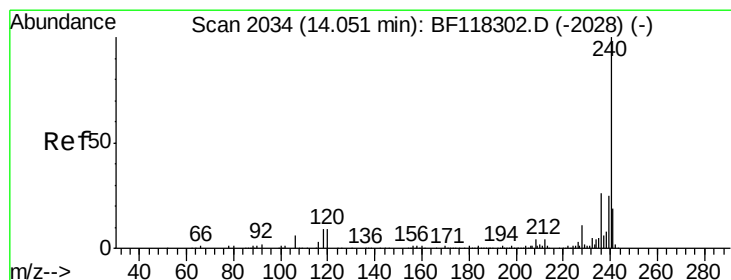
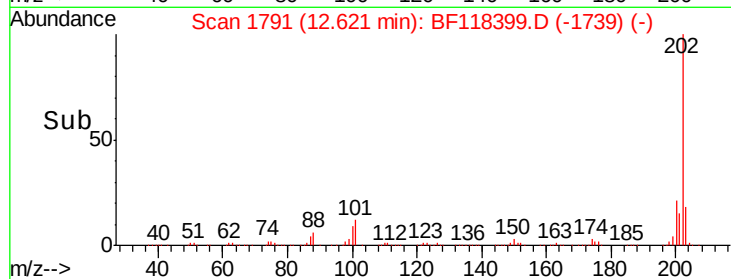
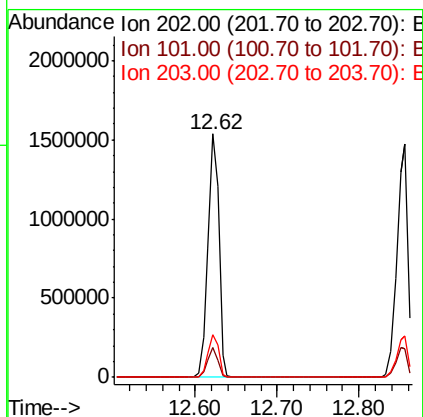
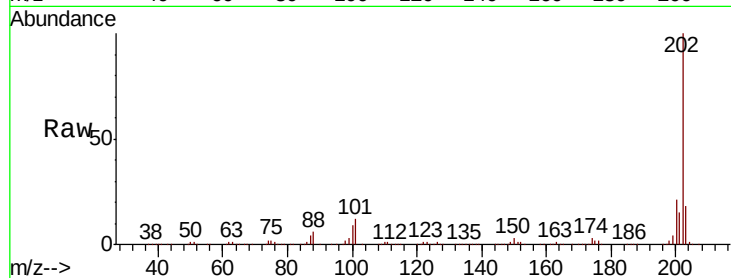




#75
 Fluoranthene
 Concen: 37.839 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

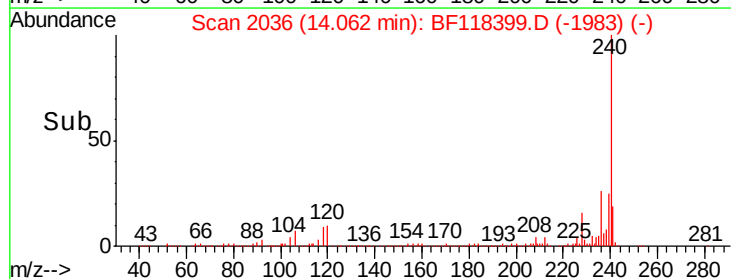
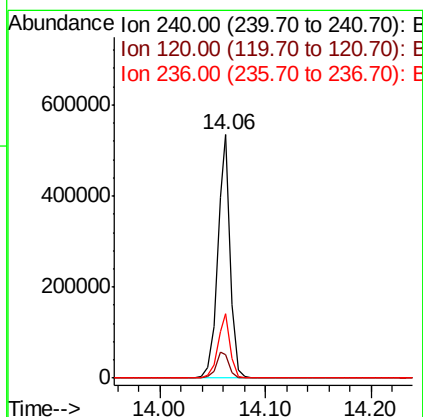
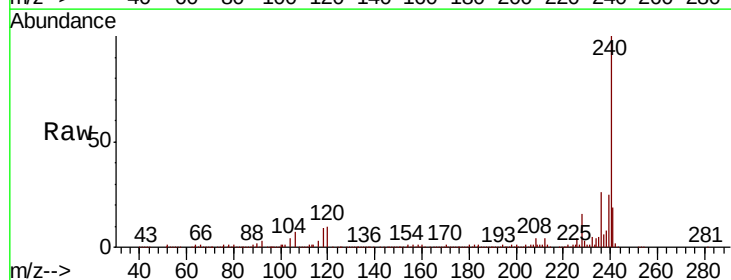
Instrument :
 BNA_F
 ClientSampleId :

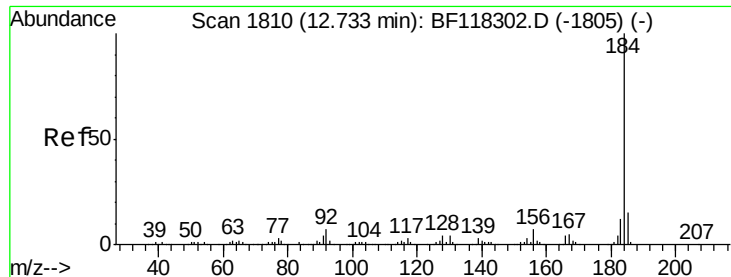
Tot Ion:202 Resp: 1421134
 Ion Ratio Lower Upper
 202 100
 101 12.5 0.0 29.5
 203 17.8 0.0 37.6



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:240 Resp: 445343
 Ion Ratio Lower Upper
 240 100
 120 9.5 7.1 10.7
 236 26.4 21.0 31.6





#77

Benzidine

Concen: 47.882 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

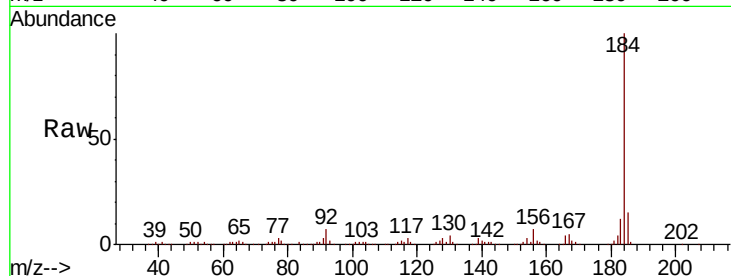
Tot Ion:184 Resp: 584292

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

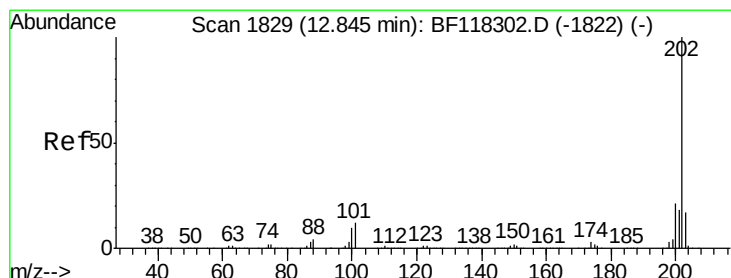
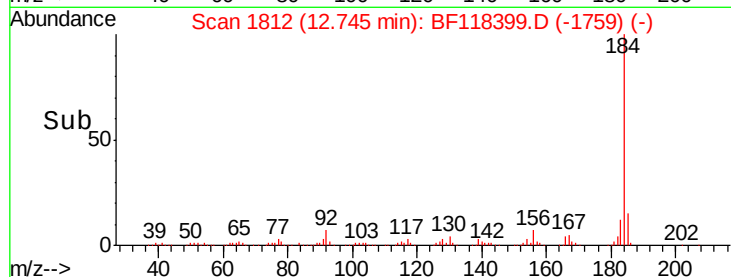
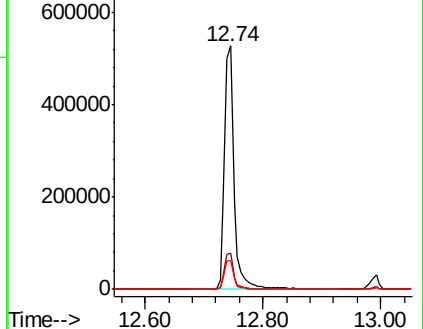
183 11.9 9.4 14.2



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: 38.930 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

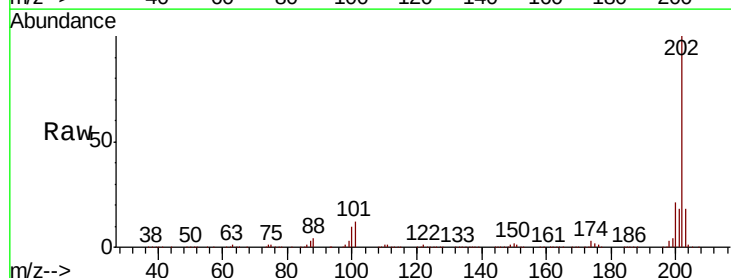
Tgt Ion:202 Resp: 1415753

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

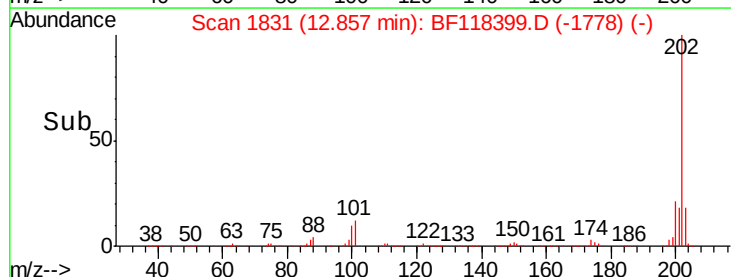
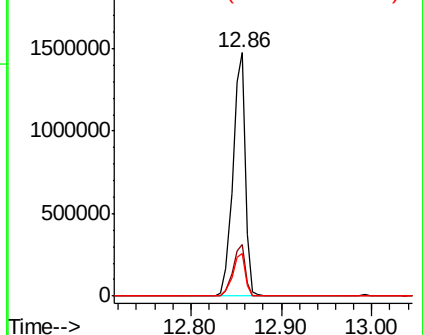
203 17.8 13.9 20.9

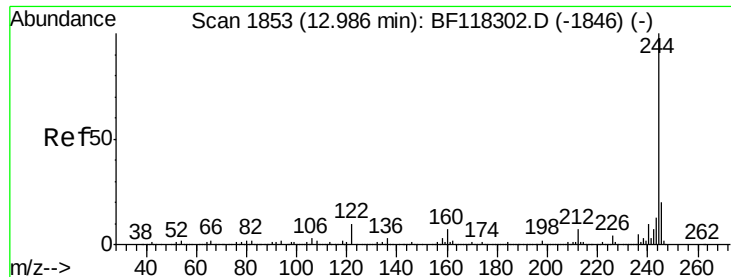


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

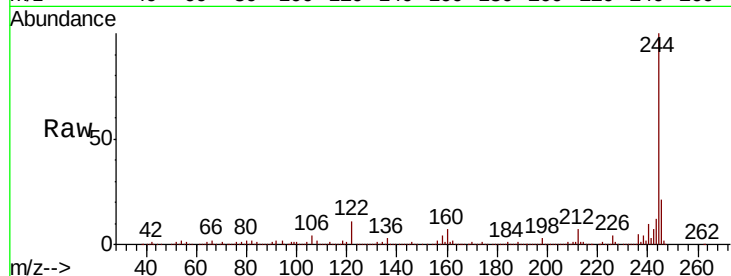




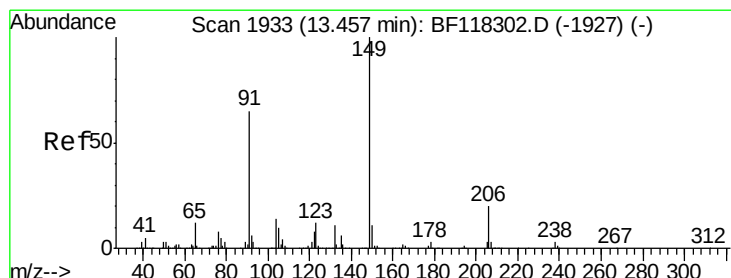
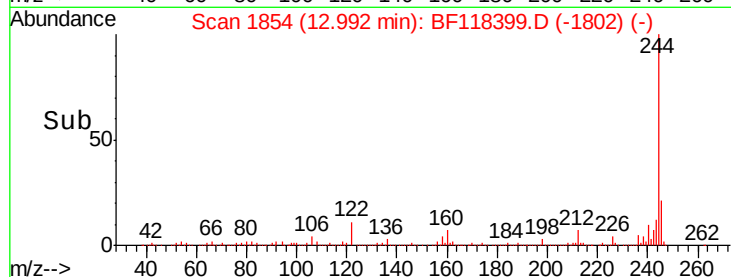
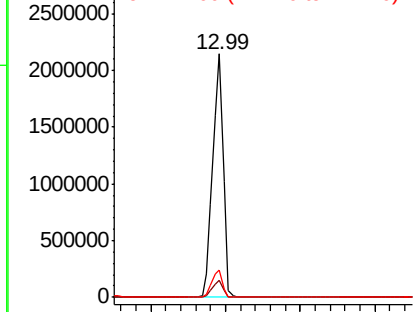
#79
 Terphenyl-d14
 Concen: 77.786 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2088068
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.4 7.8 11.8

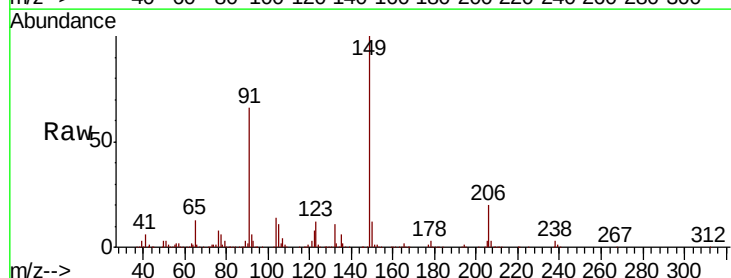


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

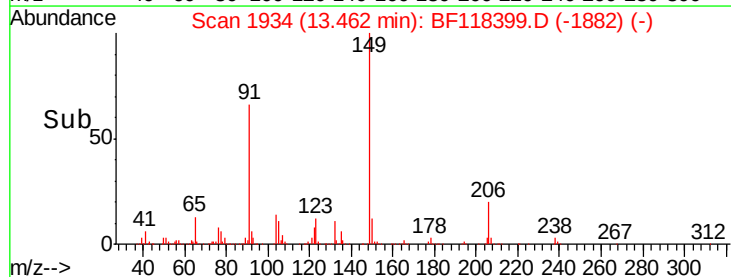
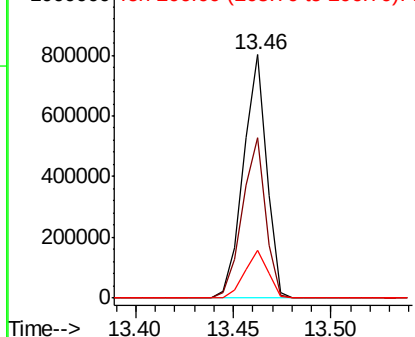


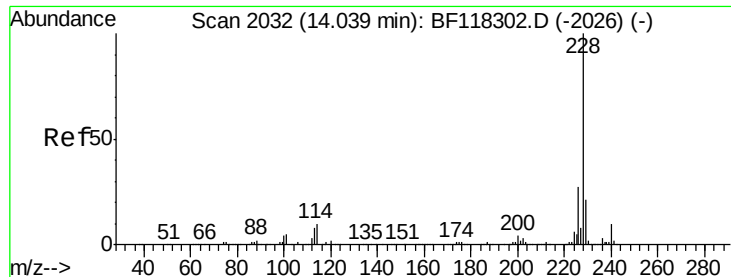
#80
 Butylbenzylphthalate
 Concen: 40.570 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118399.D
 Acq: 31 Dec 2019 12:04

Tgt Ion:149 Resp: 664325
 Ion Ratio Lower Upper
 149 100
 91 65.9 51.8 77.6
 206 19.8 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.648 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

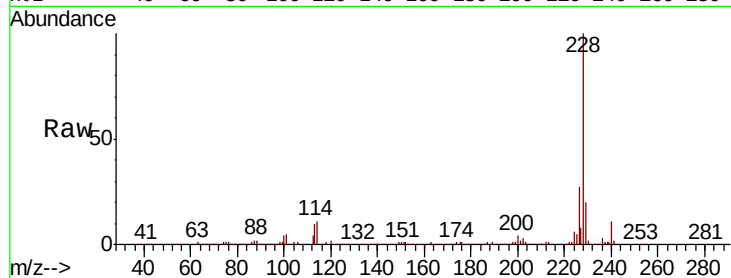
Tot Ion:228 Resp: 1173579

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

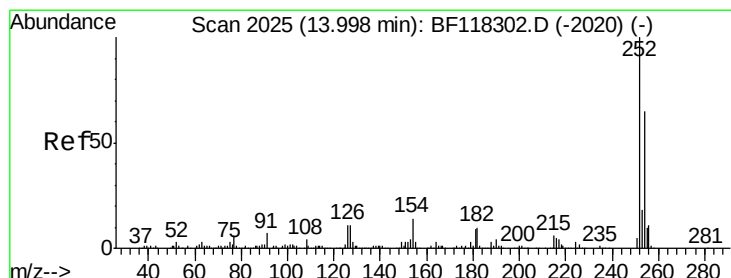
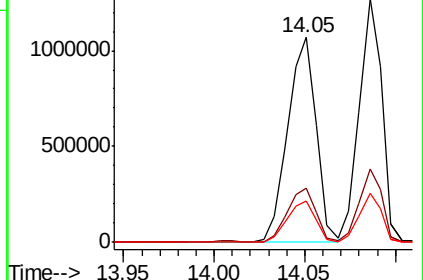
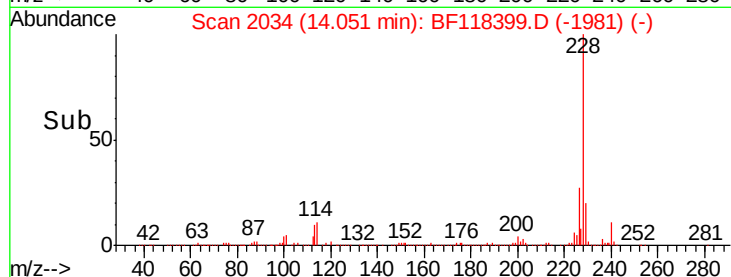
229 20.2 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.193 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

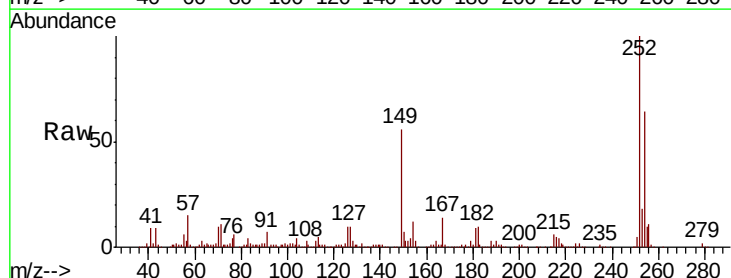
Tgt Ion:252 Resp: 414239

Ion Ratio Lower Upper

252 100

254 64.2 51.8 77.8

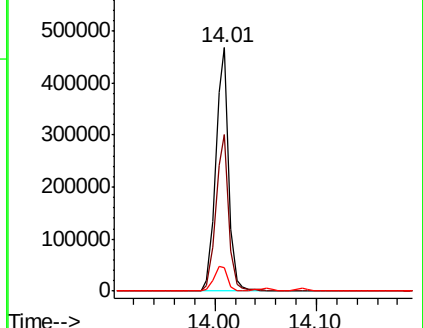
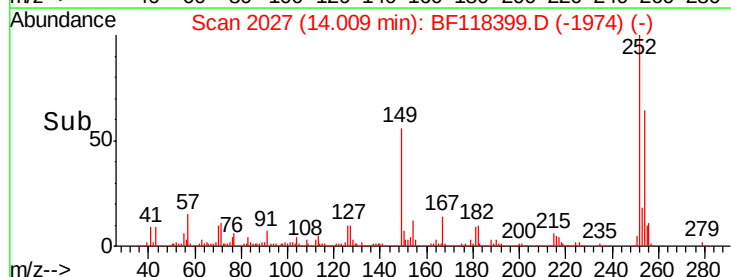
126 9.8 8.7 13.1

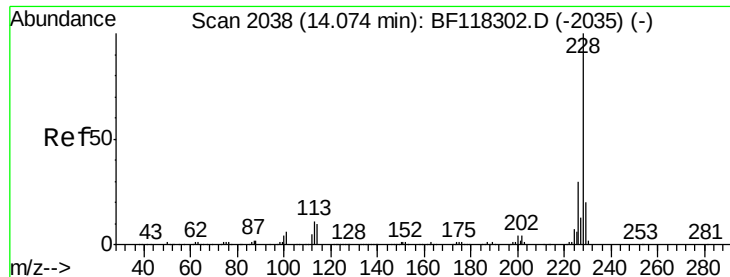


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.222 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

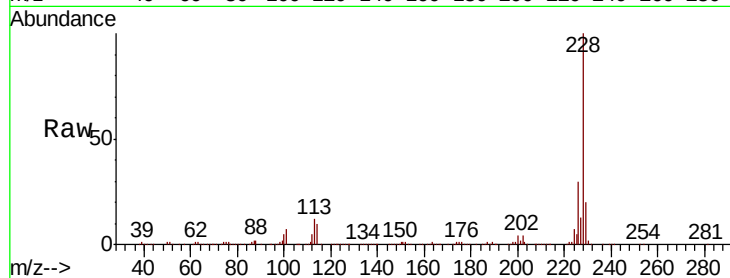
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1111036

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	20.3	16.1	24.1

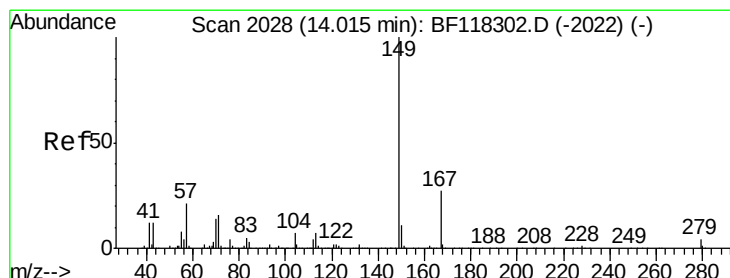
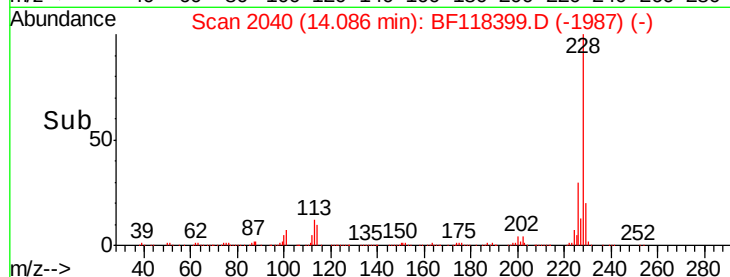
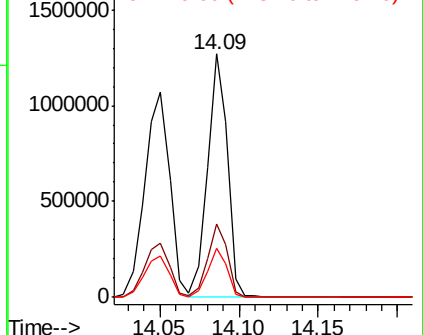


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.998 ng

RT: 14.02 min Scan# 2029

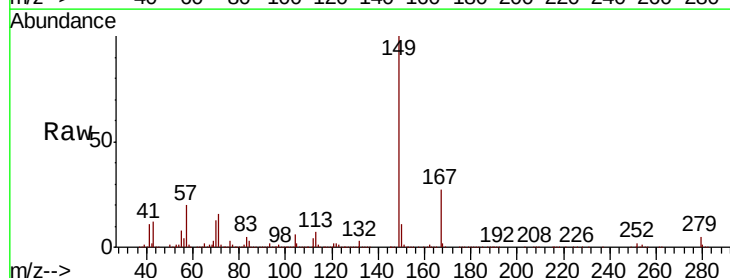
Delta R.T. 0.01 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Tgt Ion:149 Resp: 861224

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	4.6	3.4	5.2

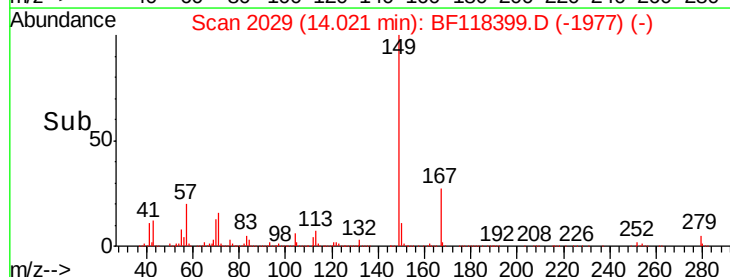
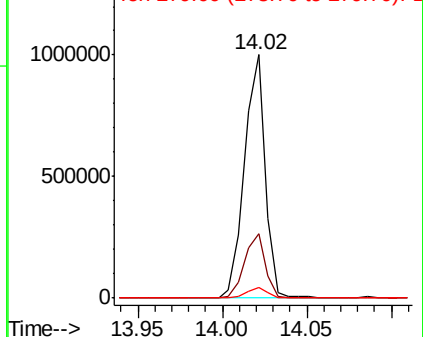


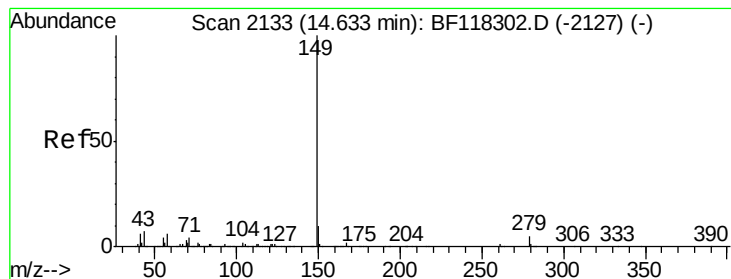
Abundance

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: 38.233 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

Instrument :

BNA_F

ClientSampleId :

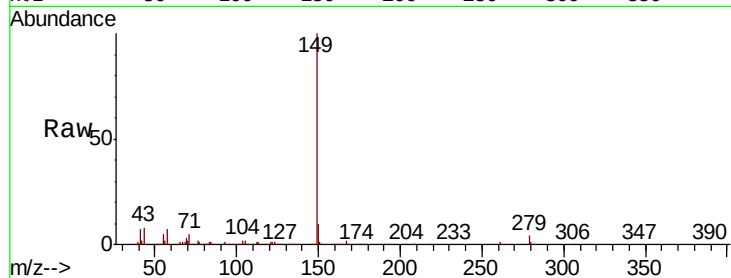
Tot Ion:149 Resp: 1210914

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

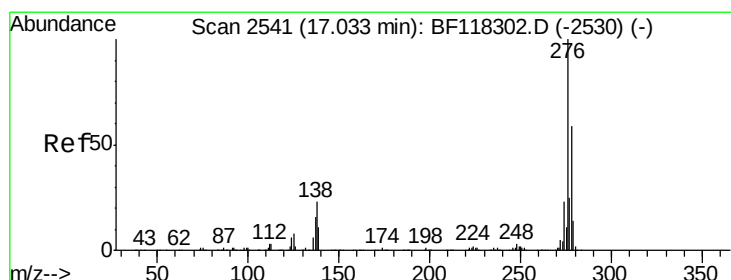
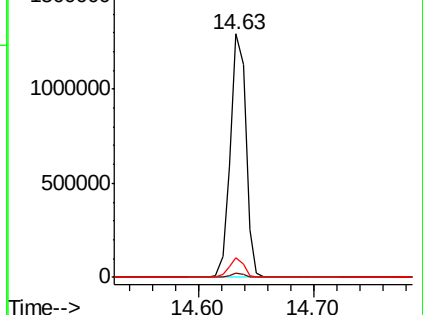
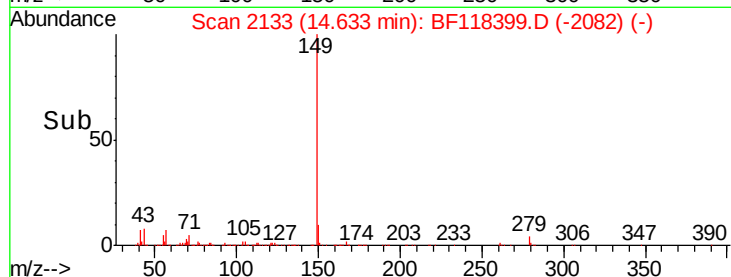
43 7.4 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.671 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.05 min

Lab File: BF118399.D

Acq: 31 Dec 2019 12:04

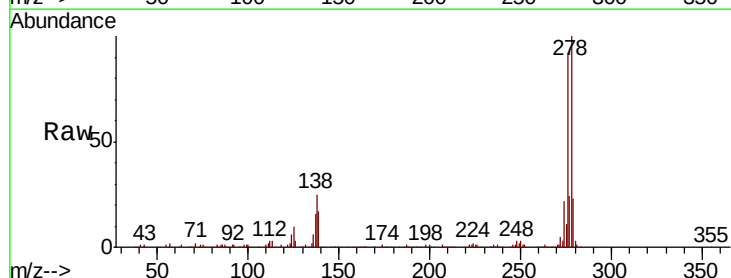
Tgt Ion:276 Resp: 881767

Ion Ratio Lower Upper

276 100

138 24.3 19.5 29.3

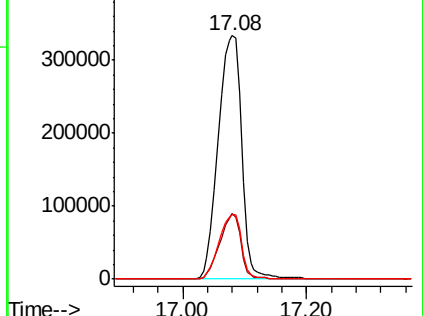
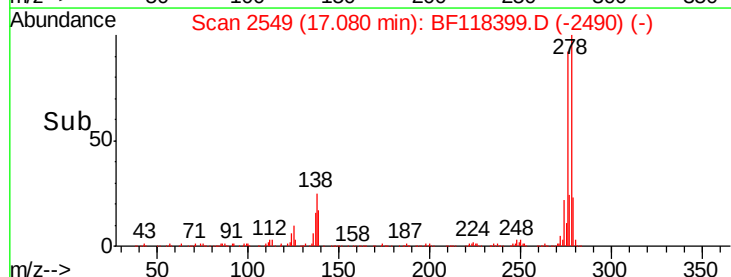
277 25.8 20.6 30.8

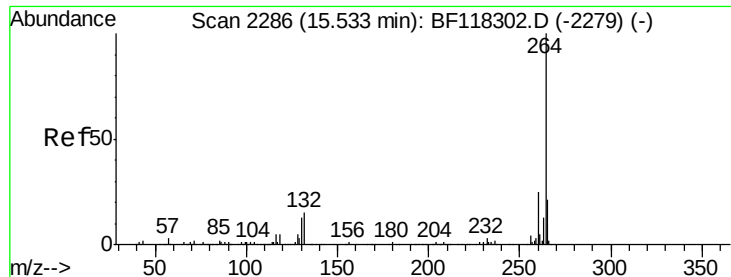


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



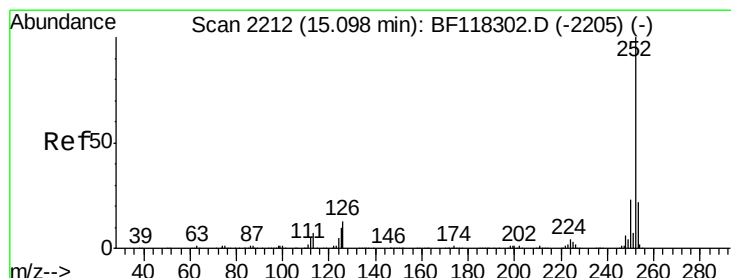
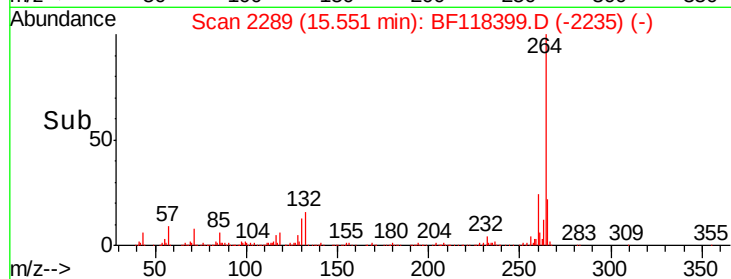
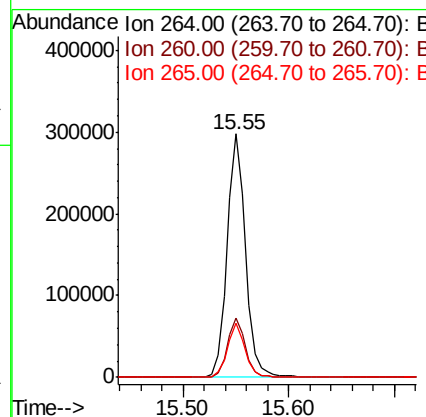
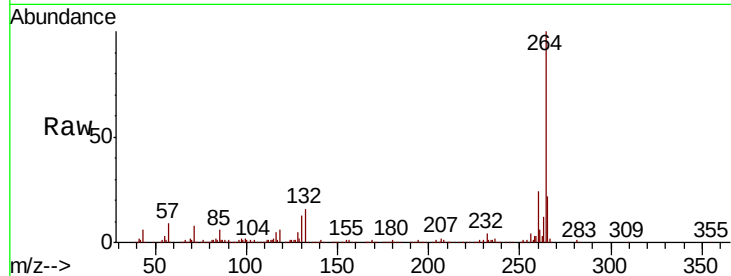


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 360718

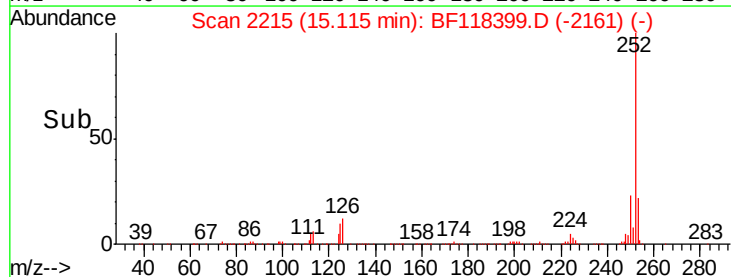
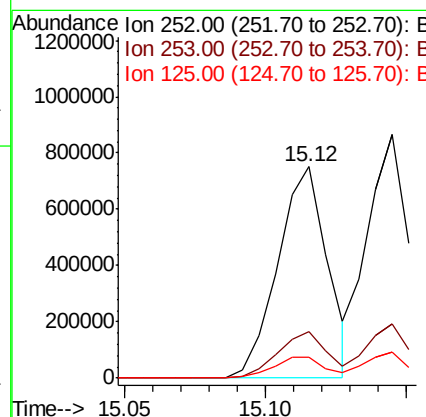
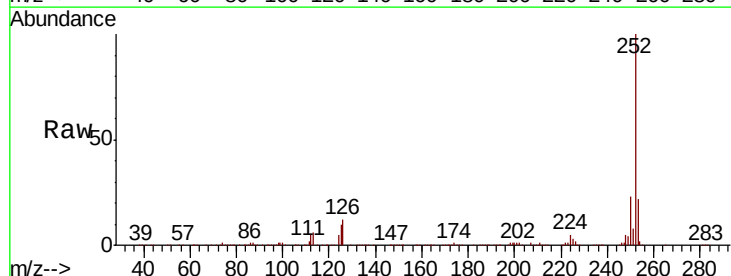
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.2	17.0	25.4

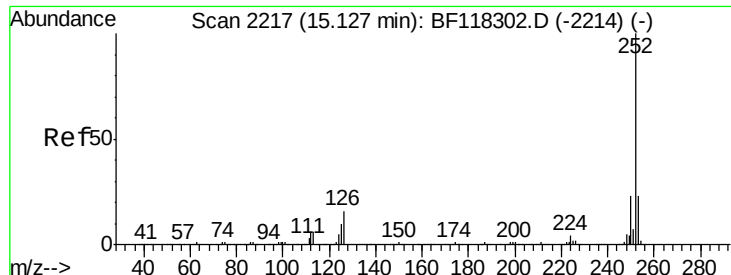


#88
Benzo(b)fluoranthene
Concen: 38.382 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:252 Resp: 919044

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	9.6	7.7	11.5

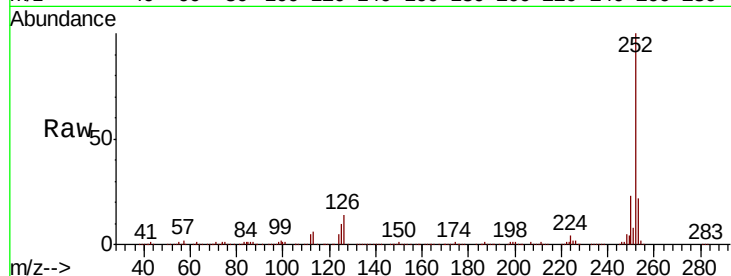




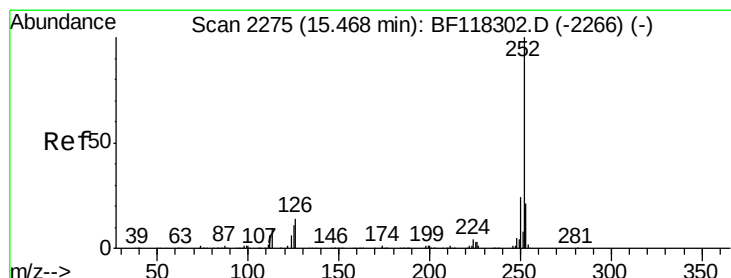
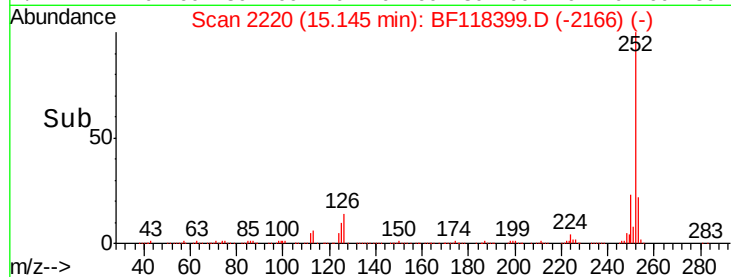
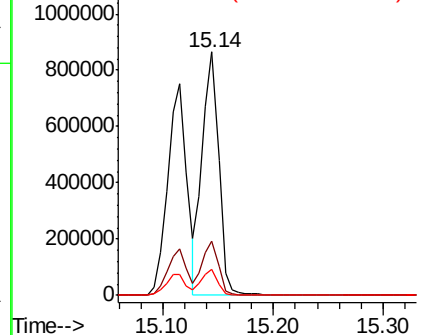
#89
Benzo(k)fluoranthene
Concen: 38.344 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 881557
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.4 8.0 12.0

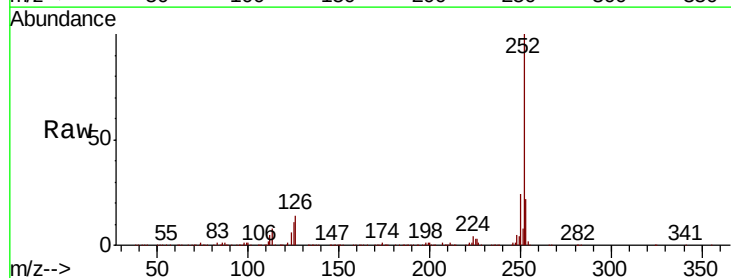


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

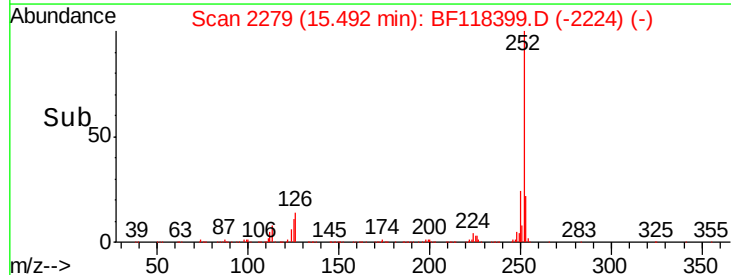
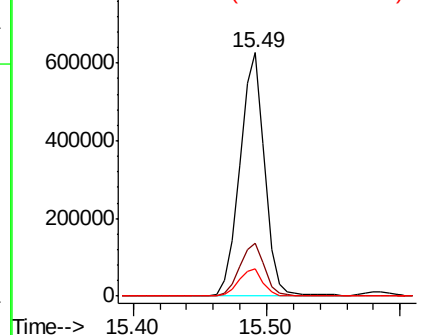


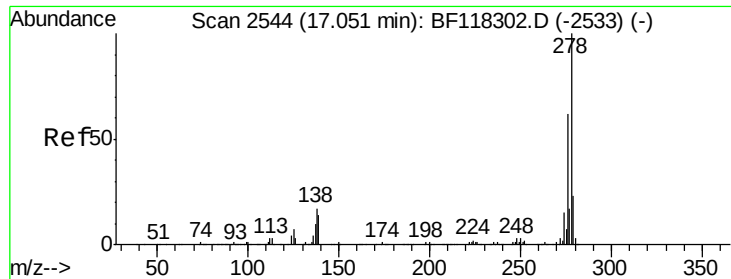
#90
Benzo(a)pyrene
Concen: 38.262 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion:252 Resp: 807058
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.0 9.0 13.4



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

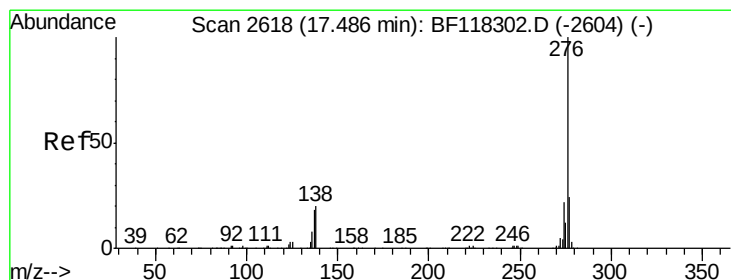
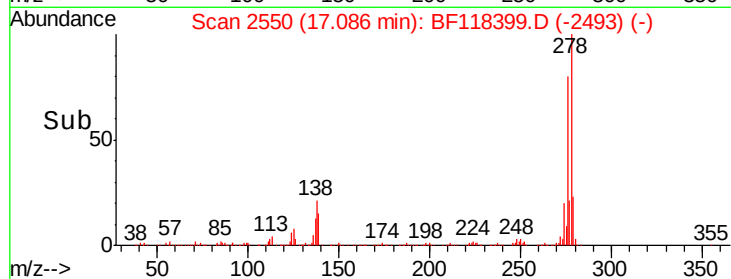
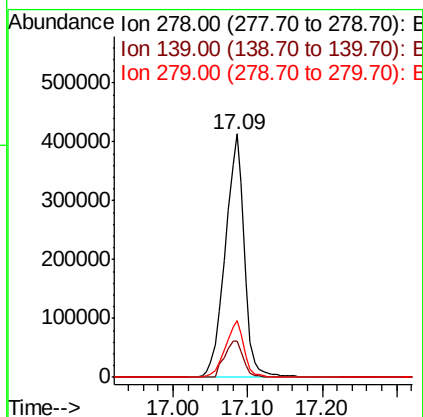
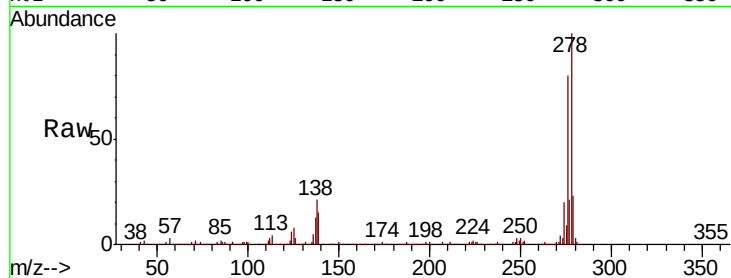




#91
Dibenzo(a,h)anthracene
Concen: 40.562 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.04 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.5	17.3
279	23.1	18.3	27.5



#92
Benzo(g,h,i)perylene
Concen: 39.870 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.05 min
Lab File: BF118399.D
Acq: 31 Dec 2019 12:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	21.6	16.1	24.1

