

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118373.D
 Acq On : 28 Dec 2019 18:58
 Operator : JU
 Sample : K6438-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 29 07:43:47 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	6.85	152	119505	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	463638	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	253809	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	494439	20.00	ng	0.00
76) Chrysene-d12	14.05	240	368654	20.00	ng	0.00
87) Perylene-d12	15.54	264	353479	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	877128	125.29	ng	0.01
7) Phenol-d6	6.49	99	1119537	128.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	664967	82.03	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	402416	128.39	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1368858	82.33	ng	0.00
79) Terphenyl-d14	12.99	244	1810638	81.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	111834	40.183	ng	97
3) Pyridine	3.39	79	266090	35.886	ng	96
4) n-Nitrosodimethylamine	3.34	42	132381	43.181	ng	96
6) Aniline	6.52	93	330192	29.941	ng	# 90
8) 2-Chlorophenol	6.64	128	381567	48.123	ng	95
9) Benzaldehyde	6.40	77	210982	41.436	ng	98
10) Phenol	6.51	94	479213	49.093	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	322633	46.216	ng	100
12) 1,3-Dichlorobenzene	6.79	146	407029	44.573	ng	99
13) 1,4-Dichlorobenzene	6.87	146	410216	44.226	ng	96
14) 1,2-Dichlorobenzene	7.02	146	393565	44.943	ng	99
15) Benzyl Alcohol	7.00	79	310555	46.964	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	336916	45.228	ng	92
17) 2-Methylphenol	7.12	107	306488	48.193	ng	96
18) Hexachloroethane	7.36	117	152165	44.699	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	244638	45.725	ng	98
20) 3+4-Methylphenols	7.27	107	391003	48.039	ng	93
22) Acetophenone	7.26	105	508705	44.768	ng	# 96
24) Nitrobenzene	7.44	77	367002	45.196	ng	96
25) Isophorone	7.68	82	679172	48.074	ng	99
26) 2-Nitrophenol	7.76	139	212506	49.408	ng	99
27) 2,4-Dimethylphenol	7.79	122	330225	56.272	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	424581	45.953	ng	99
29) 2,4-Dichlorophenol	8.00	162	321436	47.589	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	355770	45.216	ng	97
31) Naphthalene	8.16	128	1105841	46.927	ng	100
32) Benzoic acid	7.94	122	202498	41.708	ng	90
33) 4-Chloroaniline	8.22	127	151165	14.964	ng	96
34) Hexachlorobutadiene	8.27	225	208781	44.577	ng	98
35) Caprolactam	8.59	113	71454	33.885	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	347846	47.966	ng	99
37) 2-Methylnaphthalene	8.86	142	780316	48.364	ng	98
38) 1-Methylnaphthalene	8.96	142	725915	47.756	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	341956	44.842	ng	99

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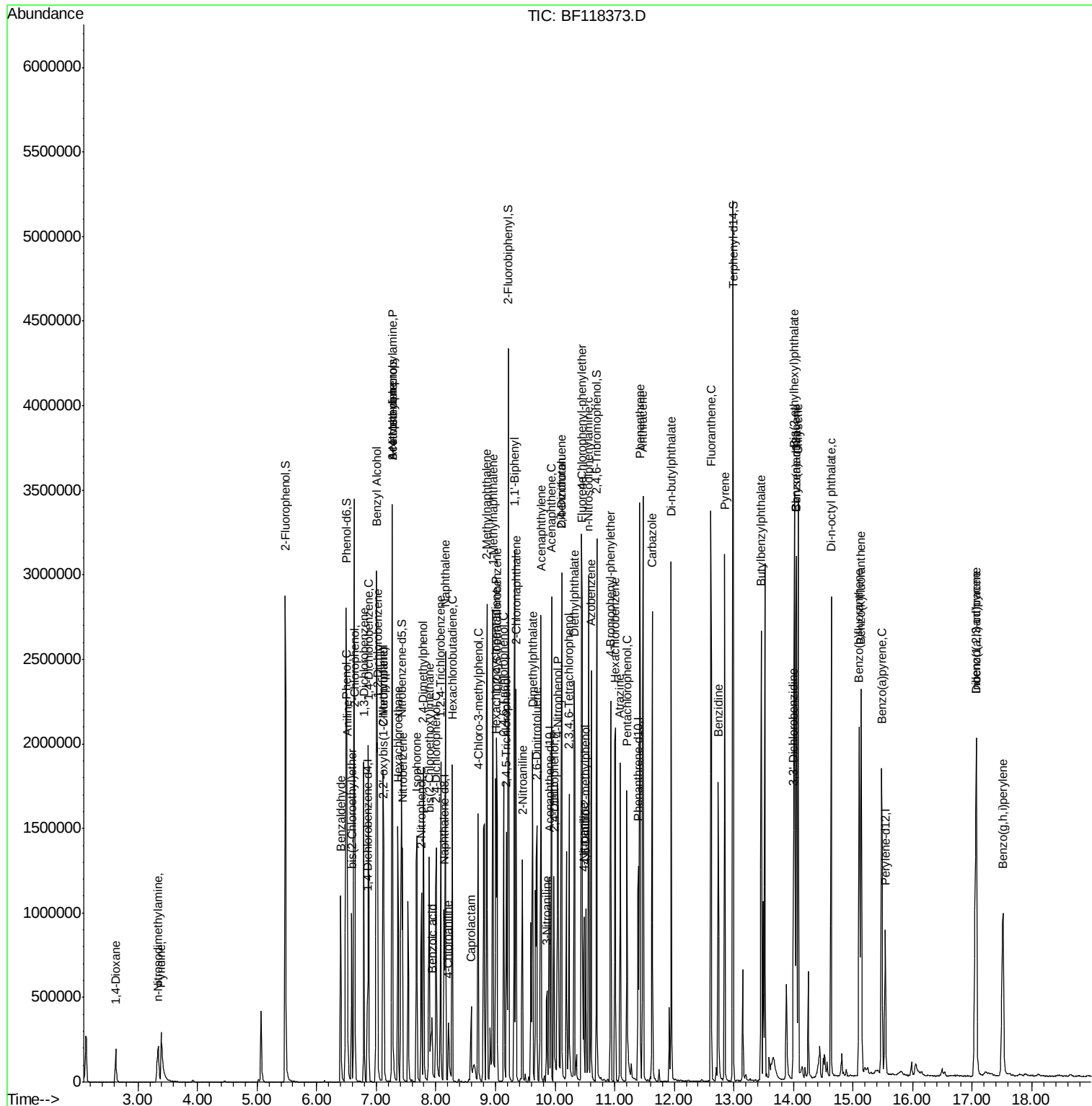
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	267127	82.823	nq	99
43) 2,4,6-Trichlorophenol	9.14	196	233217	45.777	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	242477	46.267	nq	99
46) 1,1'-Biphenyl	9.32	154	928489	46.251	nq	100
47) 2-Chloronaphthalene	9.35	162	722019	44.688	nq	99
48) 2-Nitroaniline	9.45	65	200349	43.901	nq	90
49) Acenaphthylene	9.76	152	1149606	47.975	nq	98
50) Dimethylphthalate	9.62	163	943804	49.539	nq	99
51) 2,6-Dinitrotoluene	9.69	165	198361	48.293	nq	91
52) Acenaphthene	9.94	154	671829	46.029	nq	98
53) 3-Nitroaniline	9.86	138	99580	20.656	nq	94
54) 2,4-Dinitrophenol	9.98	184	181787	87.274	nq	97
55) Dibenzofuran	10.11	168	1005732	46.634	nq	96
56) 4-Nitrophenol	10.04	139	282445	94.903	nq	95
57) 2,4-Dinitrotoluene	10.10	165	266925	48.634	nq	93
58) Fluorene	10.46	166	822545	47.246	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	209093	46.955	nq	99
60) Diethylphthalate	10.32	149	911308	48.350	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	412499	47.463	nq	95
62) 4-Nitroaniline	10.49	138	211996	42.330	nq	96
63) Azobenzene	10.60	77	774960	48.002	nq	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	136514	51.180	nq	91
66) n-Nitrosodiphenylamine	10.56	169	739174	46.645	nq	99
67) 4-Bromophenyl-phenylether	10.93	248	261562	45.203	nq	96
68) Hexachlorobenzene	11.01	284	295837	43.435	nq	93
69) Atrazine	11.10	200	262160	53.603	nq	96
70) Pentachlorophenol	11.21	266	255330	86.560	nq	99
71) Phenanthrene	11.42	178	1237545	45.913	nq	99
72) Anthracene	11.47	178	1294286	47.973	nq	99
73) Carbazole	11.63	167	1129572	47.183	nq	98
74) Di-n-butylphthalate	11.95	149	1523429	50.187	nq	100
75) Fluoranthene	12.62	202	1327126	48.786	nq	96
77) Benzidine	12.74	184	696768	68.978	nq	98
78) Pyrene	12.85	202	1326720	44.070	nq	100
80) Butylbenzylphthalate	13.46	149	644685	47.561	nq	96
81) Benzo(a)anthracene	14.04	228	1198935	46.462	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	279524	31.948	nq	99
83) Chrysene	14.08	228	1118972	45.287	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	947395	53.154	nq	99
85) Di-n-octyl phthalate	14.63	149	1516685	57.849	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1065062	50.589	nq	100
88) Benzo(b)fluoranthene	15.10	252	1106102	47.141	nq	98
89) Benzo(k)fluoranthene	15.13	252	971551	43.124	nq	99
90) Benzo(a)pyrene	15.48	252	928410	44.916	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	901614	50.266	nq	97
92) Benzo(g,h,i)perylene	17.52	276	875023	50.501	nq	98

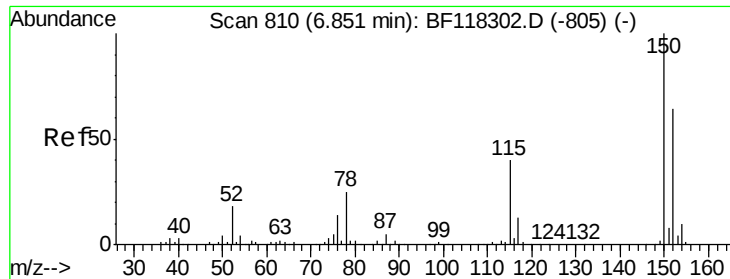
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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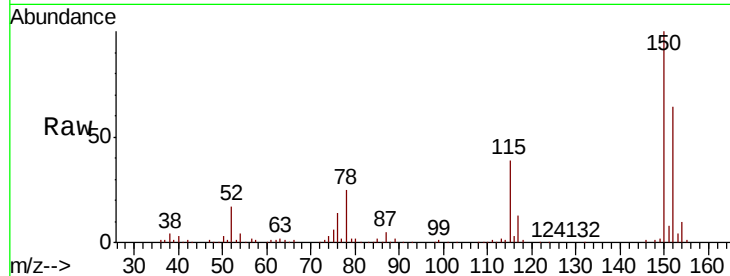


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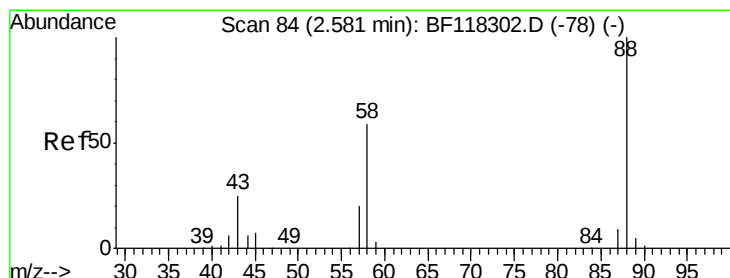
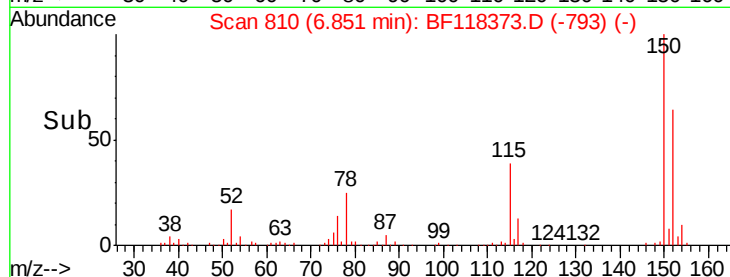
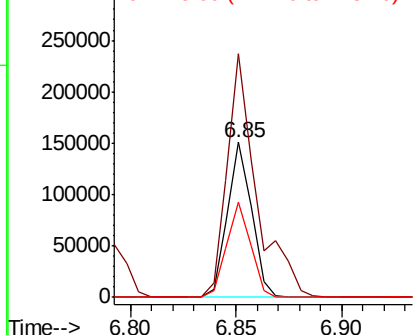
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 119505
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.4 188.2
 115 61.5 50.2 75.4



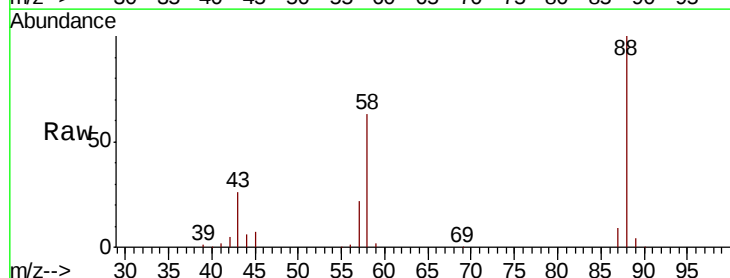
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



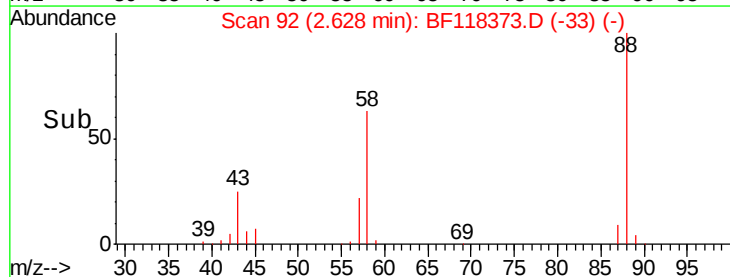
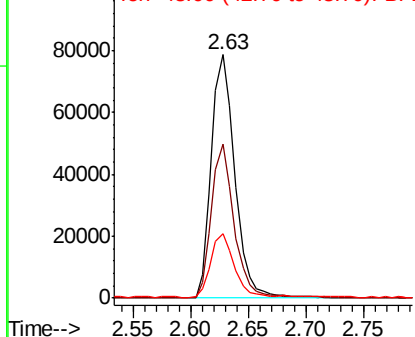
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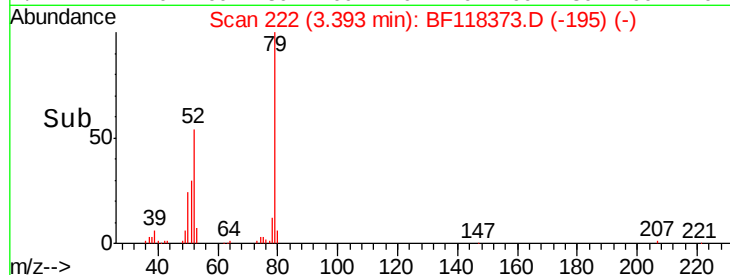
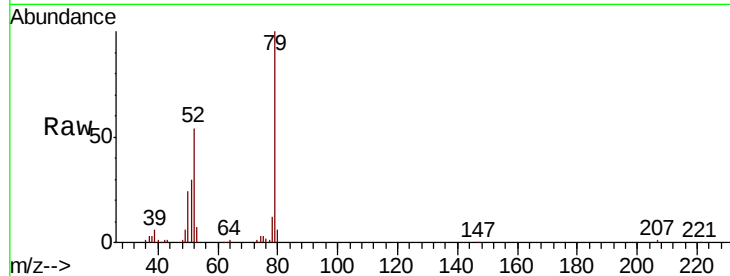
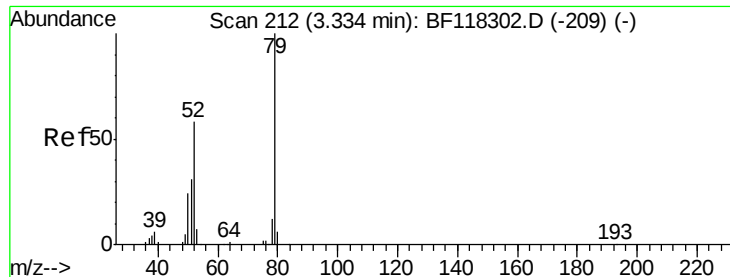
1,4-Dioxane
 Concen: 40.183 ng
 RT: 2.63 min Scan# 92
 Delta R.T. 0.05 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion: 88 Resp: 111834
 Ion Ratio Lower Upper
 88 100
 58 61.1 47.6 71.4
 43 27.6 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: 35.886 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.06 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

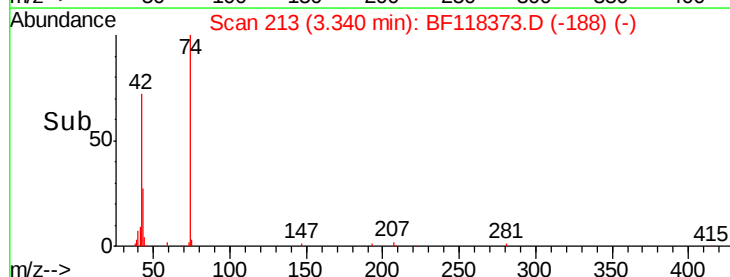
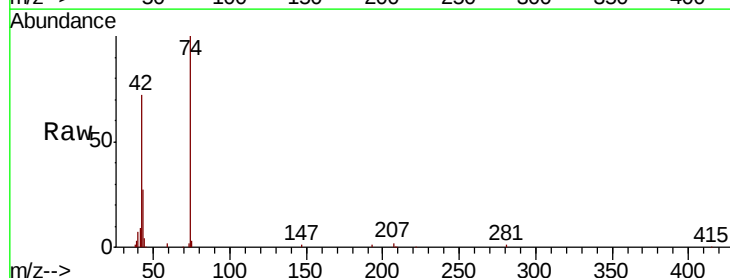
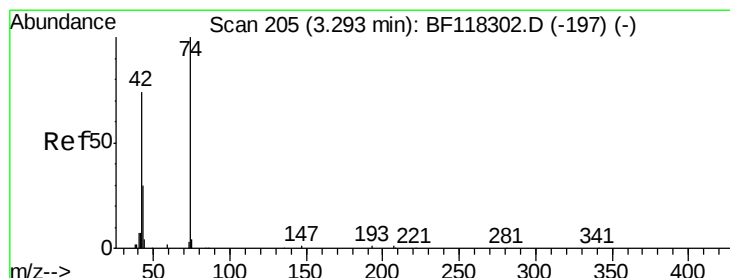
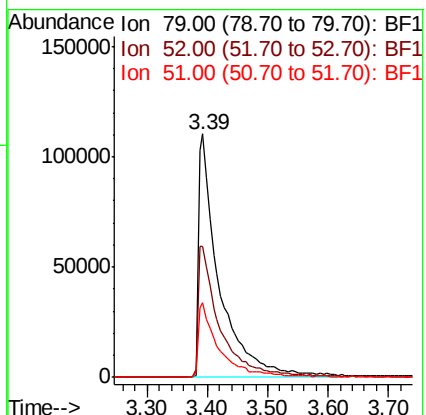
Tot Ion: 79 Resp: 266090

Ion Ratio Lower Upper

79 100

52 54.0 46.4 69.6

51 30.4 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 43.181 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.05 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

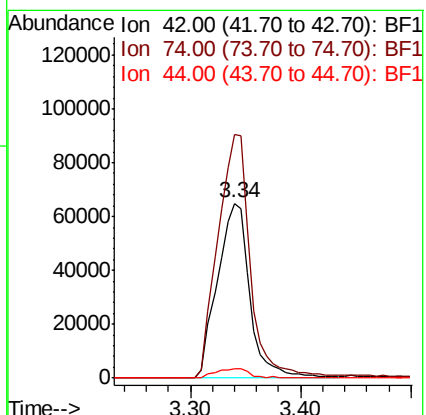
Tgt Ion: 42 Resp: 132381

Ion Ratio Lower Upper

42 100

74 139.5 107.7 161.5

44 5.2 4.8 7.2





#5

2-Fluorophenol

Concen: 125.287 ng

RT: 5.47 min Scan# 576

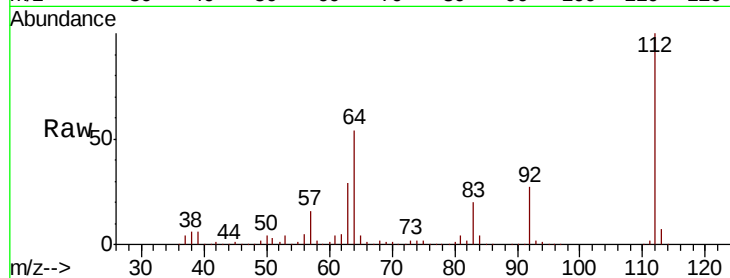
Delta R.T. 0.01 min

Lab File: BF118373.D

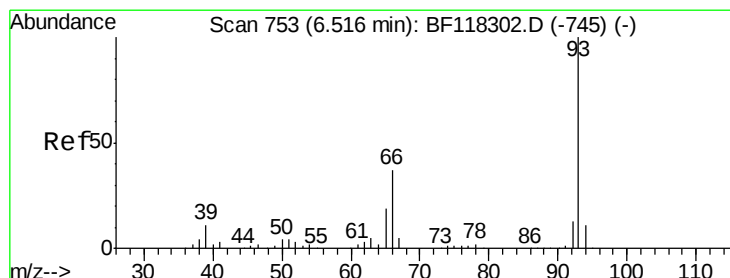
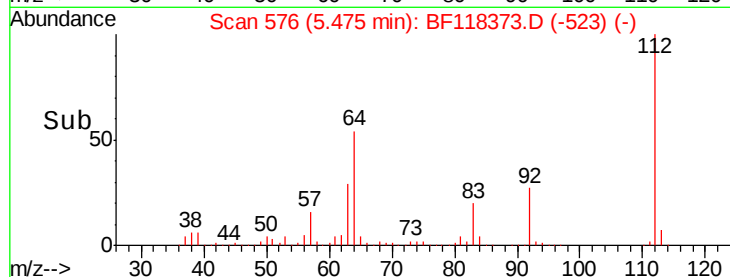
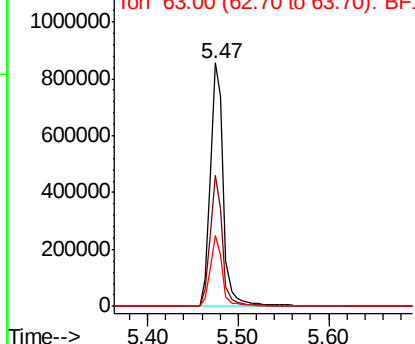
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	877128
Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.7	59.5
63	28.8	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: 29.941 ng

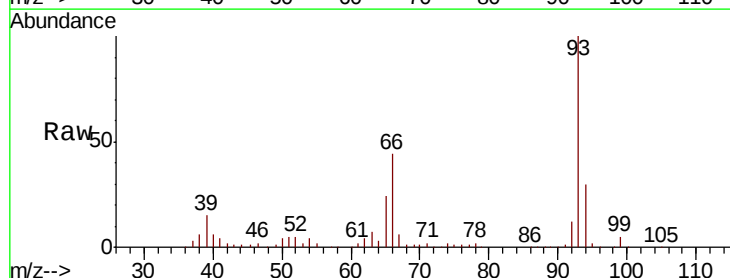
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

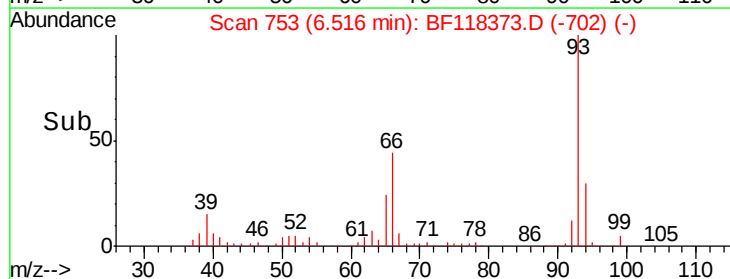
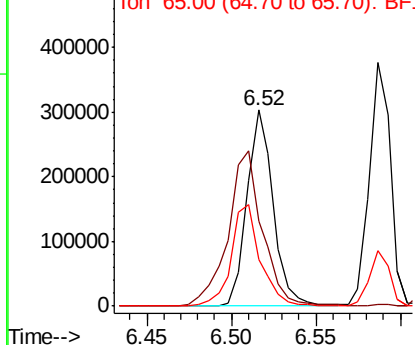
Lab File: BF118373.D

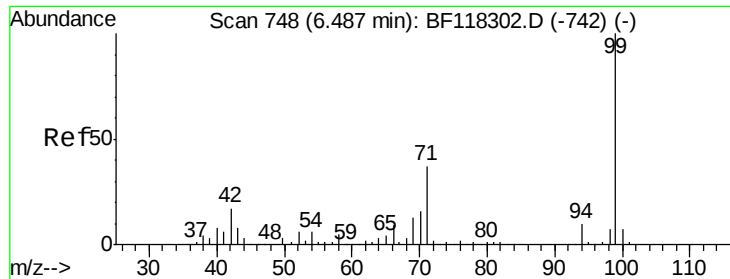
Acq: 28 Dec 2019 18:58

Tgt Ion:	93	Resp:	330192
Ion	Ratio	Lower	Upper
93	100		
66	43.5	30.2	45.4
65	24.0	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: 128.907 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

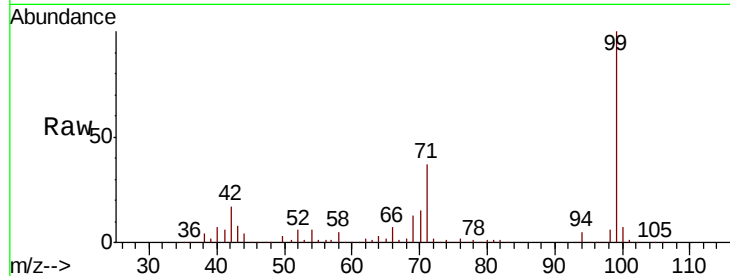
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1119537

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

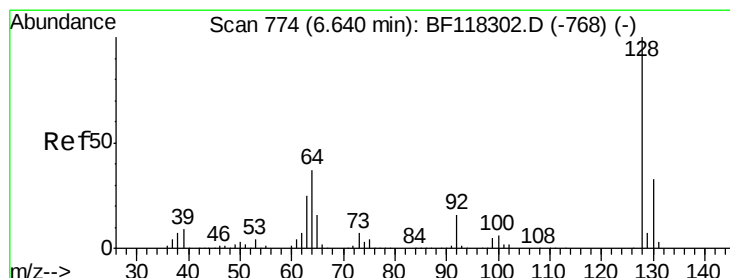
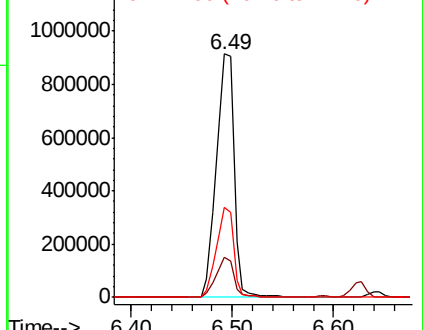
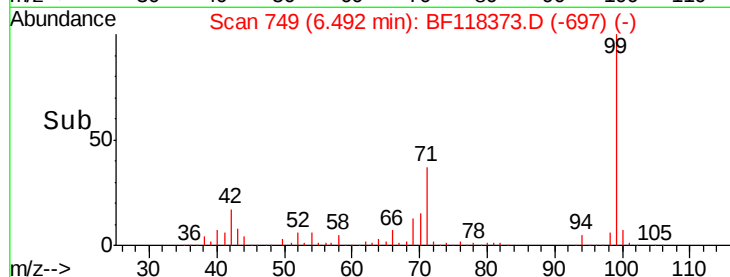


Abundance

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: 48.123 ng

RT: 6.64 min Scan# 774

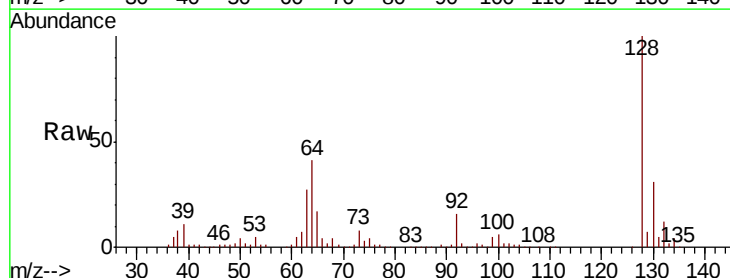
Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion: 128 Resp: 381567

Ion	Ratio	Lower	Upper
128	100		
130	30.9	13.2	53.2
64	41.4	17.7	57.7

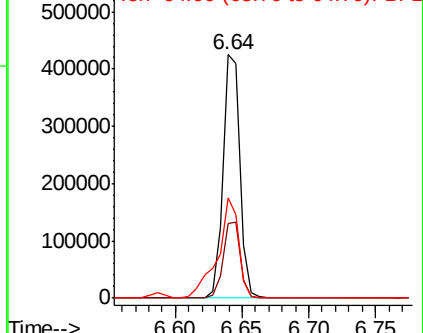
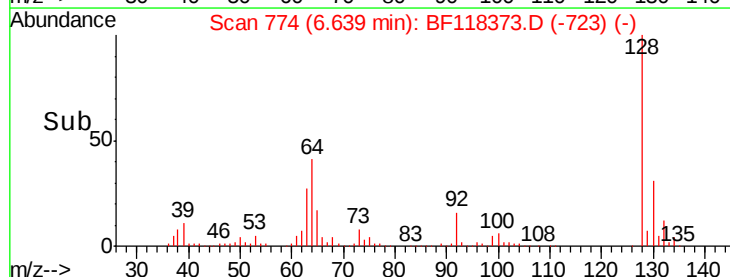


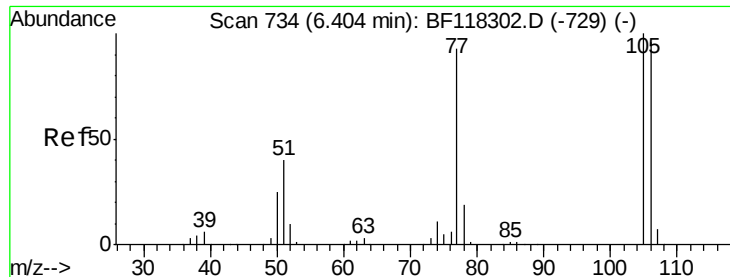
Abundance

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: 41.436 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118373.D

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ClientSampleId :

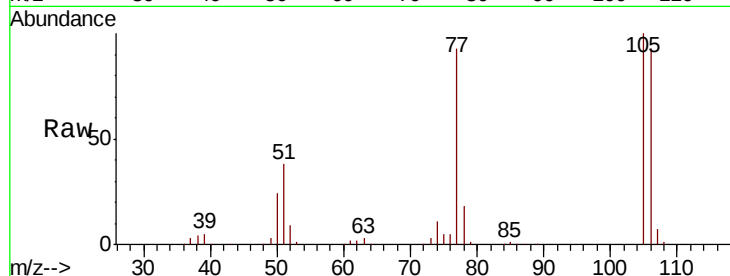
Tot Ion: 77 Resp: 210982

Ion Ratio Lower Upper

77 100

105 107.4 87.5 127.5

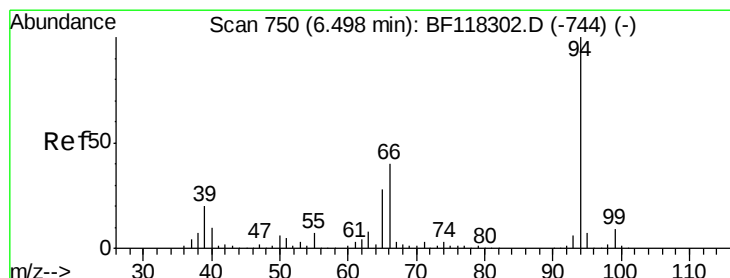
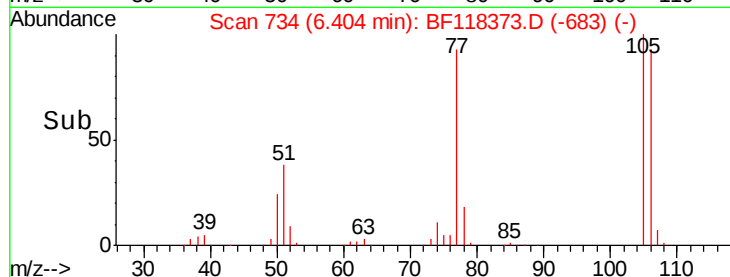
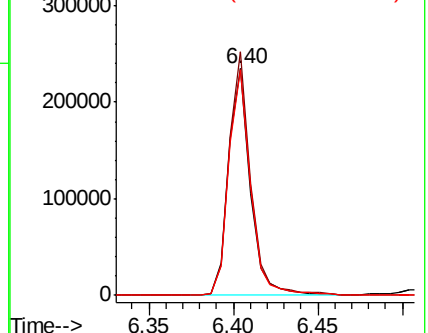
106 99.8 83.6 123.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.093 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

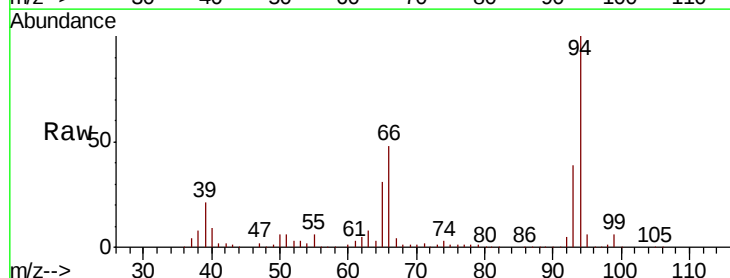
Tgt Ion: 94 Resp: 479213

Ion Ratio Lower Upper

94 100

65 31.4 7.8 47.8

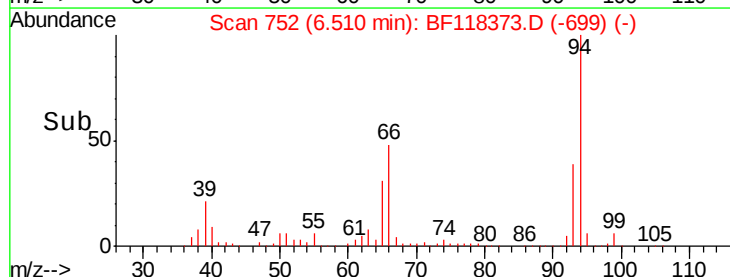
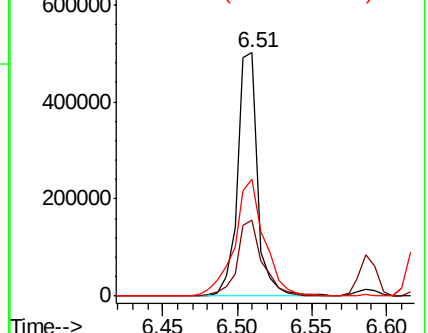
66 48.0 20.4 60.4

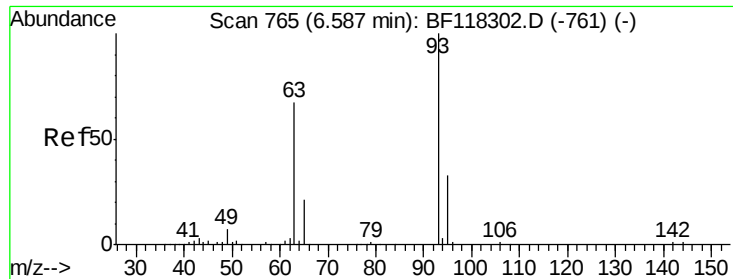


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

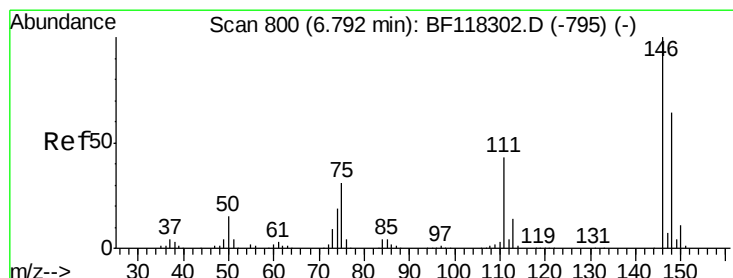
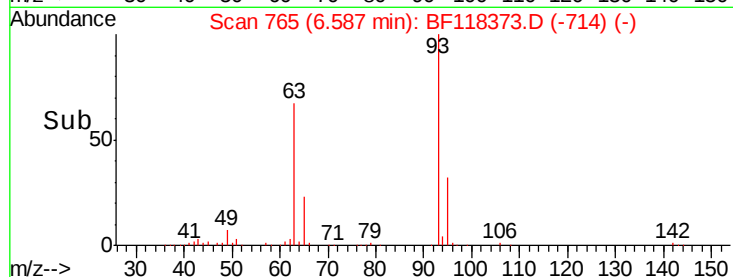
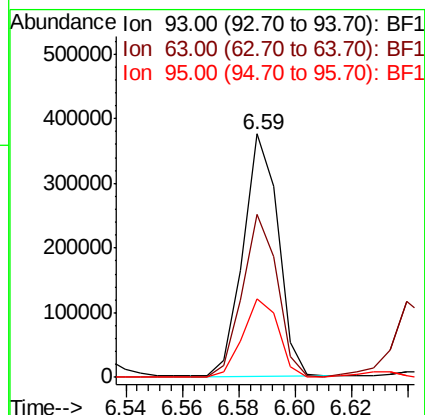
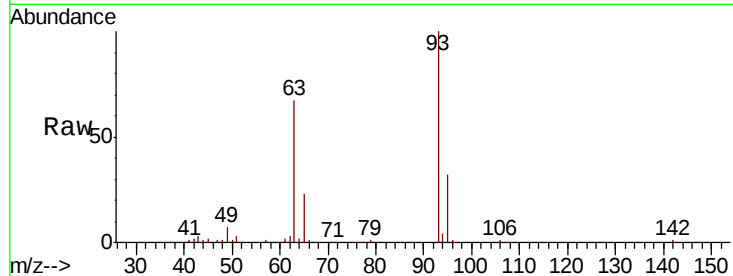




#11
bis(2-Chloroethyl)ether
Concen: 46.216 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

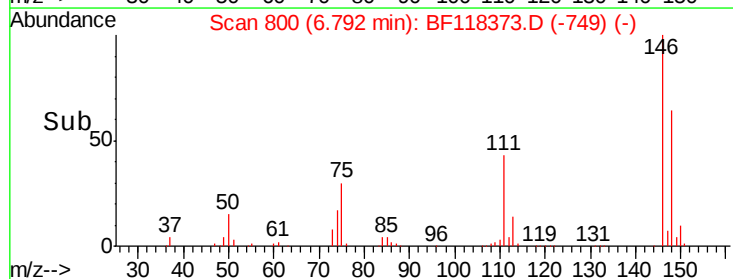
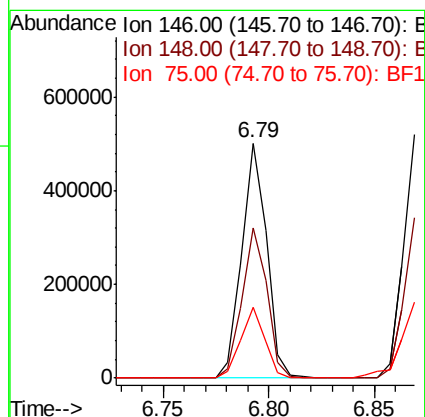
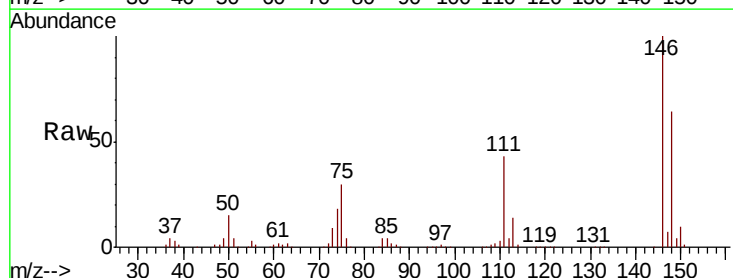
Instrument :
BNA_F
ClientSampleId :

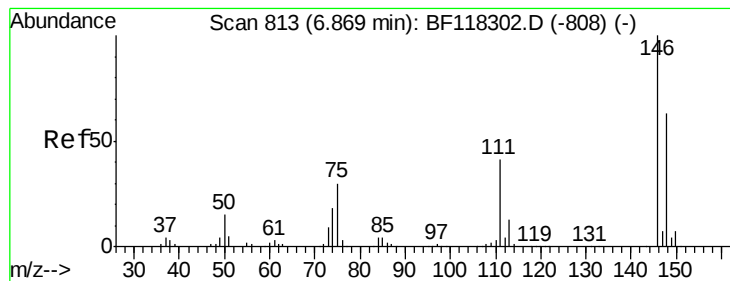
Tot Ion	Ratio	Lower	Upper
93	100		
63	67.1	47.0	87.0
95	32.5	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 44.573 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	30.2	24.4	36.6





#13

1,4-Dichlorobenzene

Concen: 44.226 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

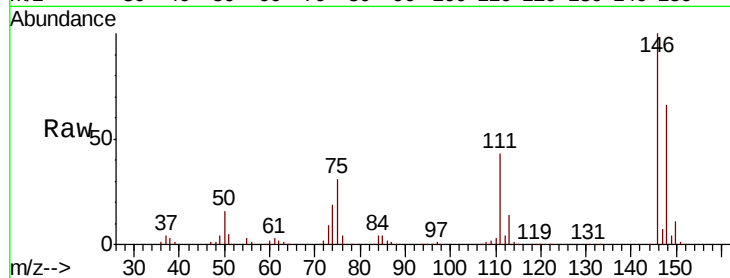
Tot Ion:146 Resp: 410216

Ion Ratio Lower Upper

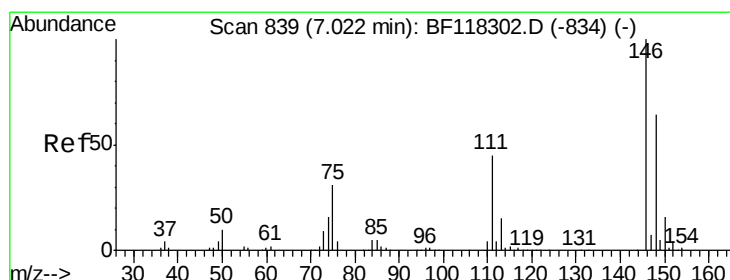
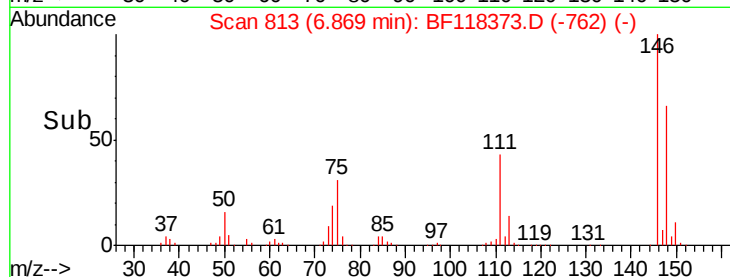
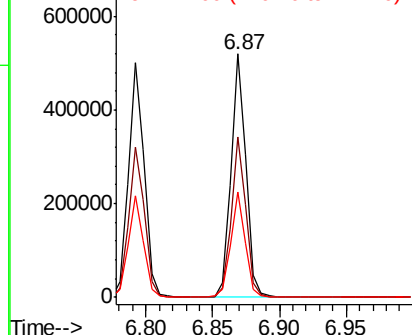
146 100

148 65.9 50.3 75.5

111 43.1 32.8 49.2



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



#14

1,2-Dichlorobenzene

Concen: 44.943 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

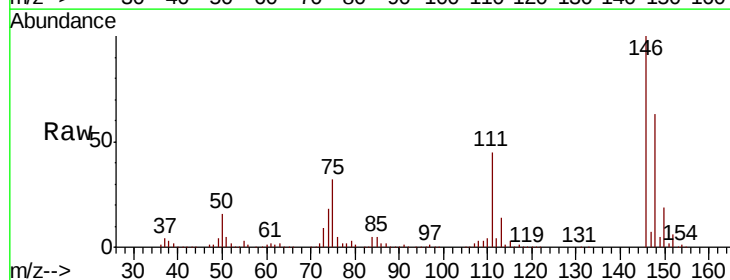
Tgt Ion:146 Resp: 393565

Ion Ratio Lower Upper

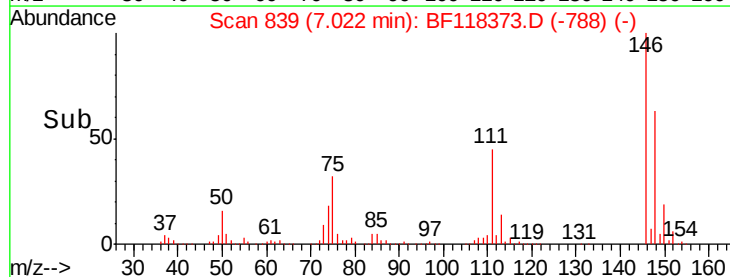
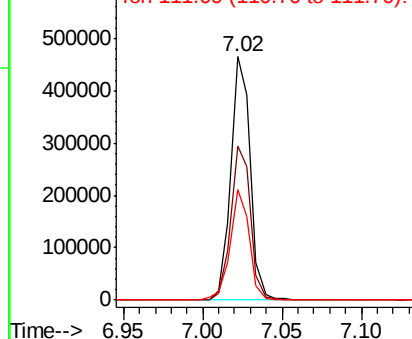
146 100

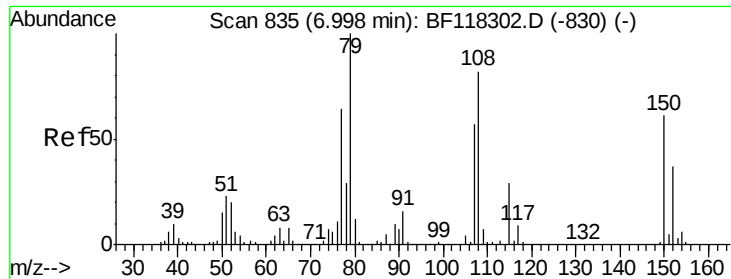
148 63.1 51.3 76.9

111 45.1 35.7 53.5



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

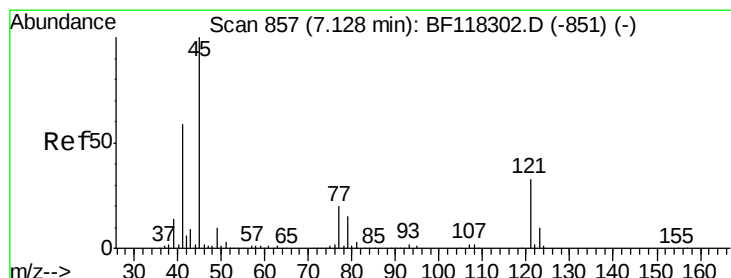
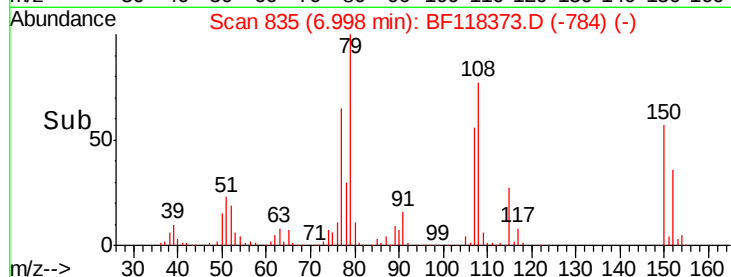
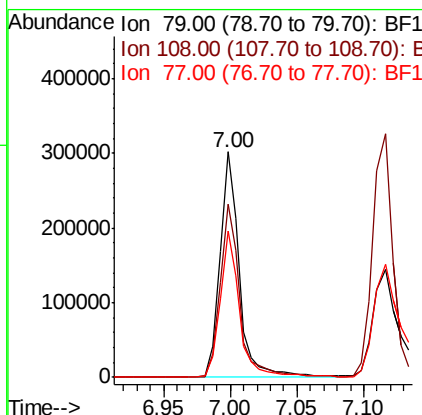
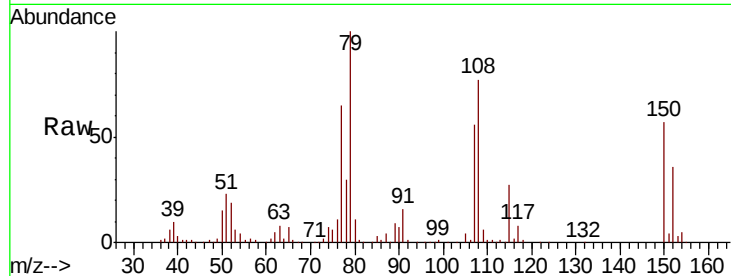




#15
Benzyl Alcohol
Concen: 46.964 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

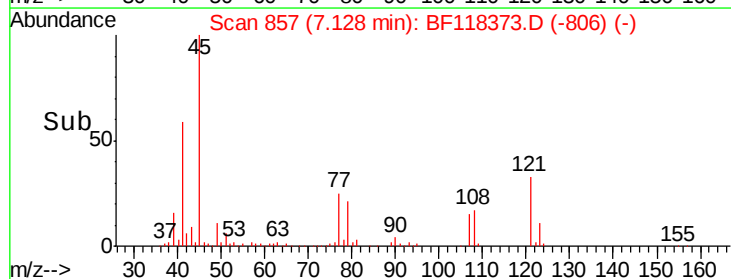
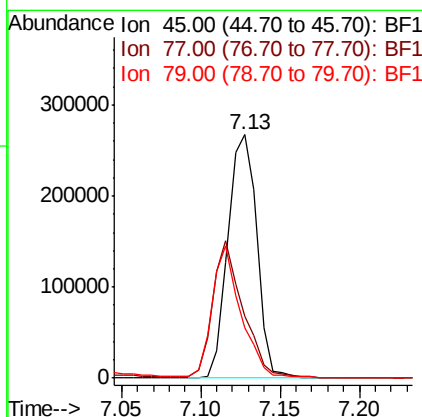
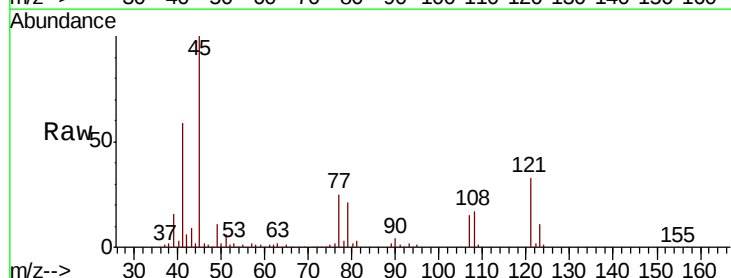
Instrument :
BNA_F
ClientSampled :

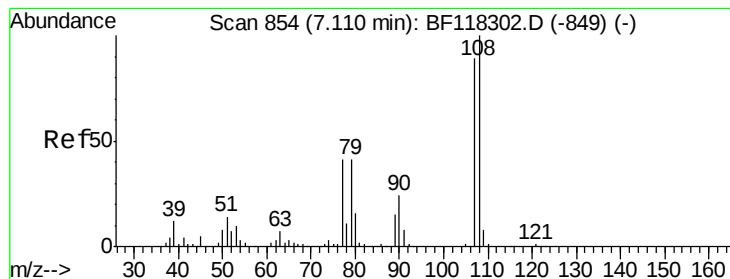
Tot Ion: 79 Resp: 310555
Ion Ratio Lower Upper
79 100
108 76.5 65.4 98.0
77 64.7 51.4 77.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.228 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion: 45 Resp: 336916
Ion Ratio Lower Upper
45 100
77 25.2 1.2 41.2
79 20.7 0.0 37.0

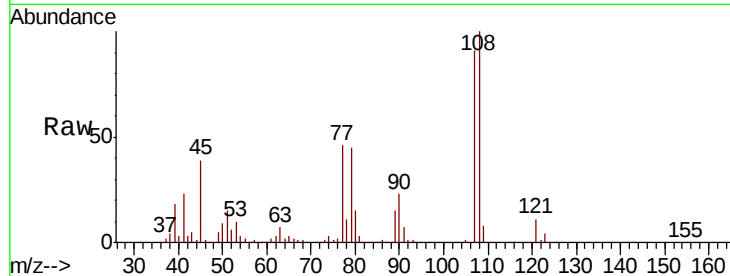




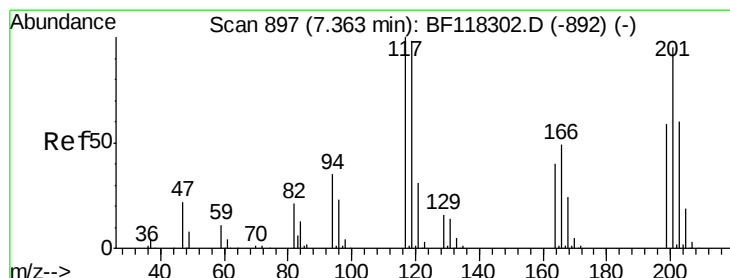
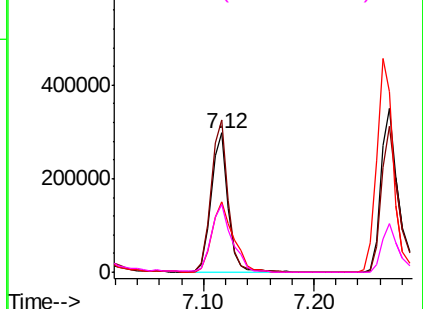
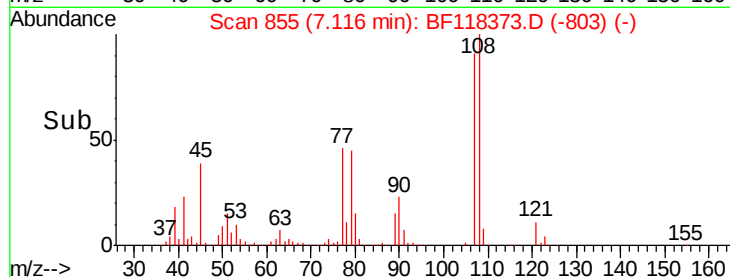
#17
2-Methylphenol
Concen: 48.193 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 306488
Ion Ratio Lower Upper
107 100
108 109.7 89.7 134.5
77 50.7 37.2 55.8
79 48.8 36.7 55.1

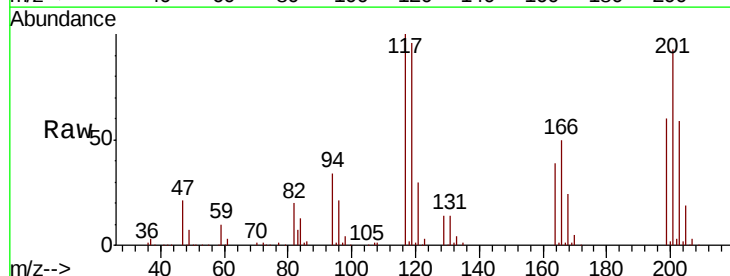


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

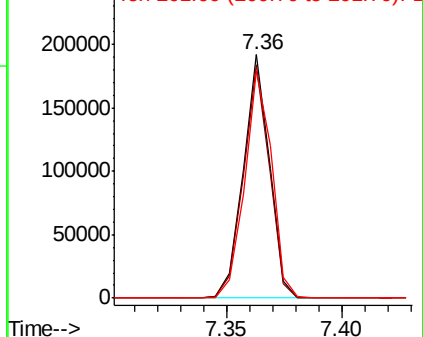
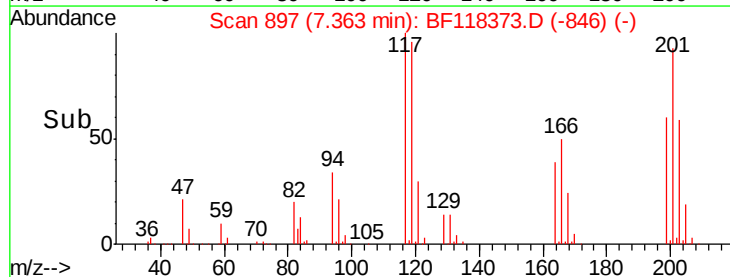


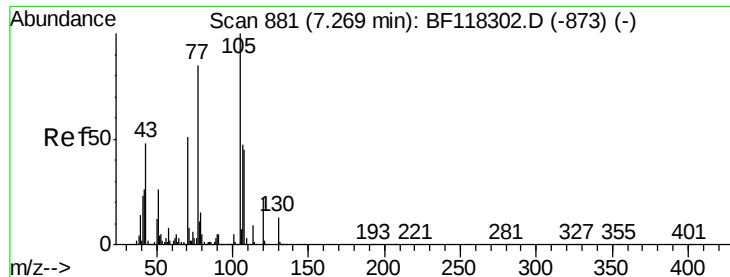
#18
Hexachloroethane
Concen: 44.699 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:117 Resp: 152165
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
201 93.3 76.2 114.2



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

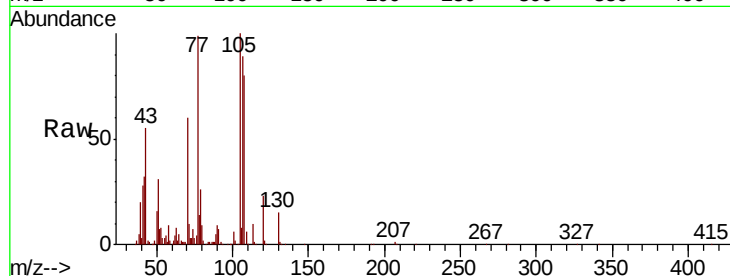




#19
n-Nitroso-di-n-propylamine
Concen: 45.725 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.4	41.1	61.7
101	10.2	8.3	12.5
130	24.8	20.1	30.1



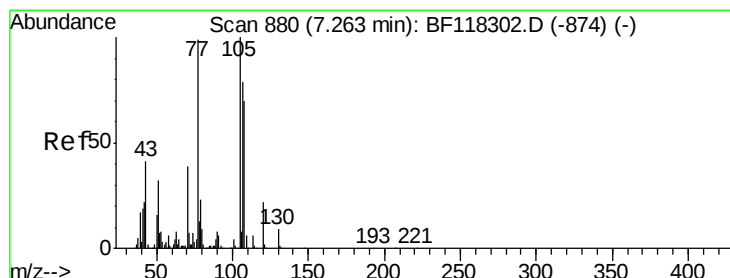
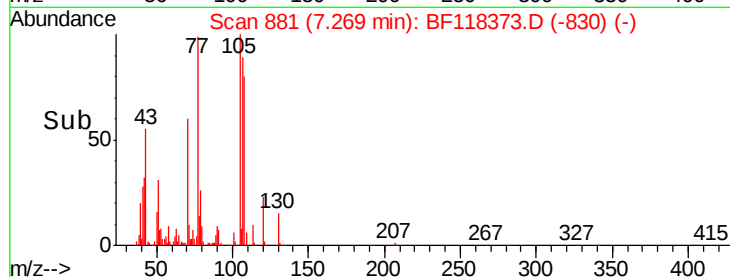
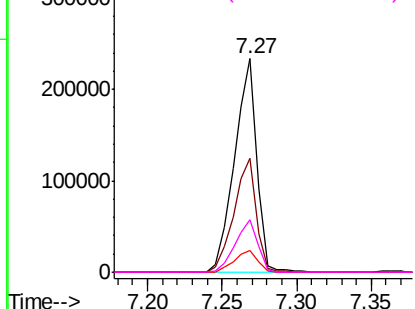
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 48.039 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.3	109.3
77	110.7	105.9	145.9
79	29.5	9.2	49.2

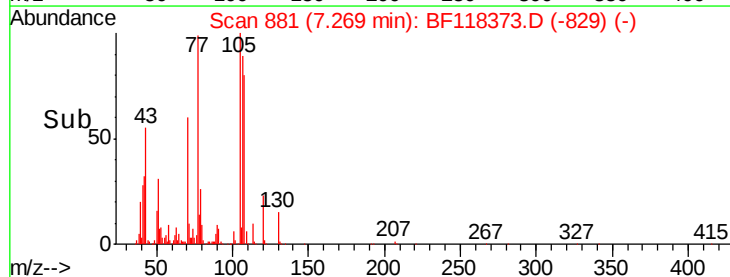
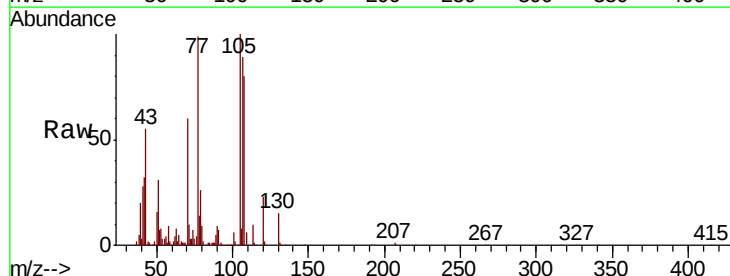
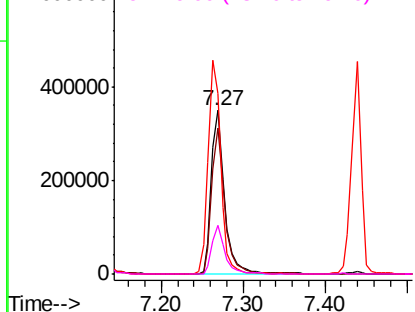
Abundance

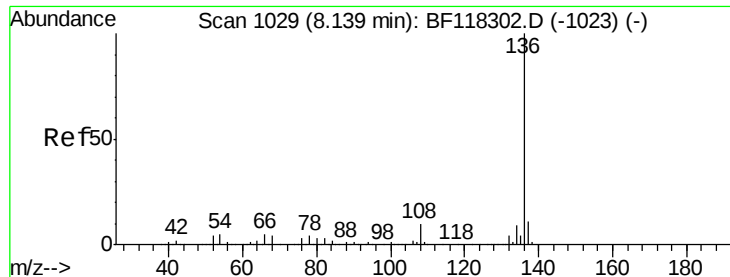
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

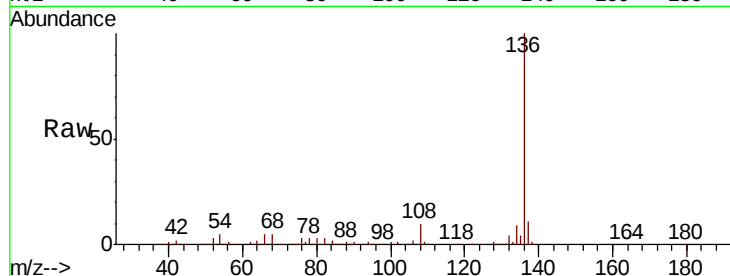




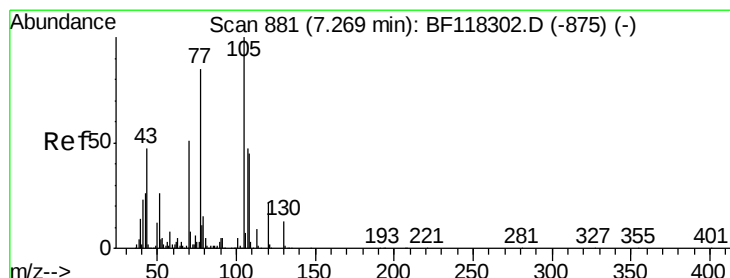
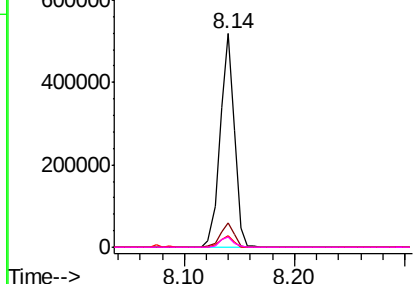
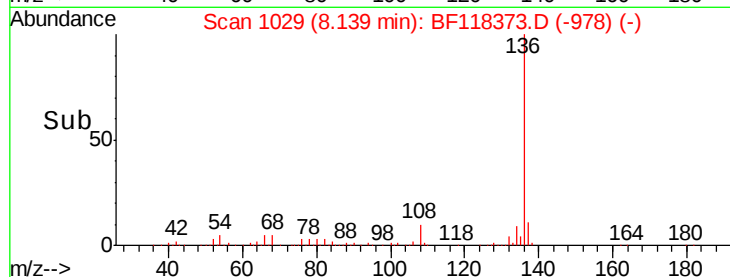
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	463638	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	8.9	13.3	
54 5.3	4.2	6.4	
68 4.5	3.5	5.3	

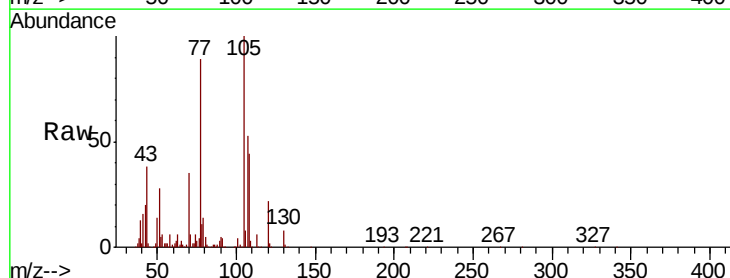


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

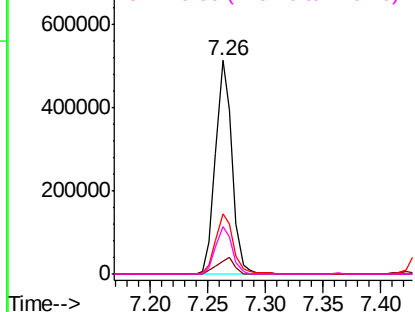
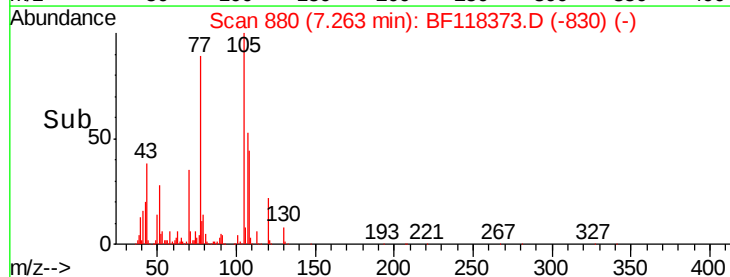


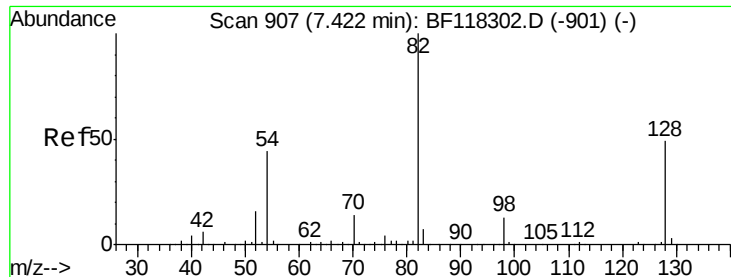
#22
Acetophenone
Concen: 44.768 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt	Ion:105	Resp:	508705
Ion	Ratio	Lower	Upper
105	100		
71	5.8	6.6	9.8#
51	28.3	20.6	30.8
120	22.2	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
800000
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

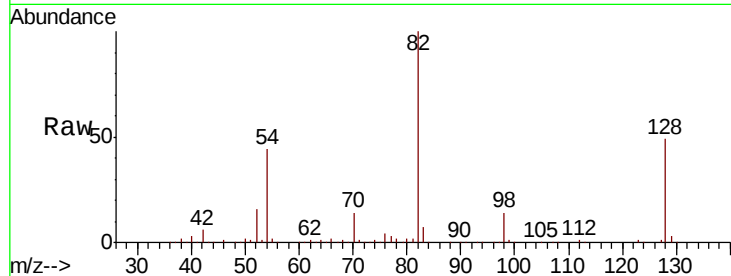




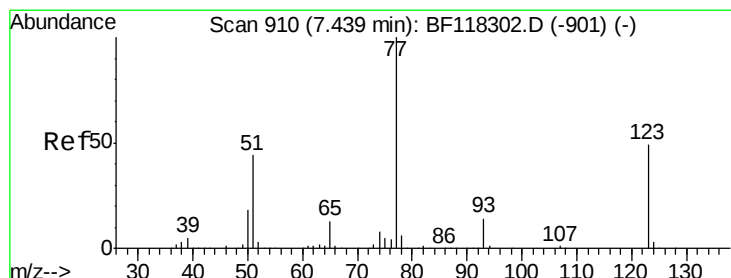
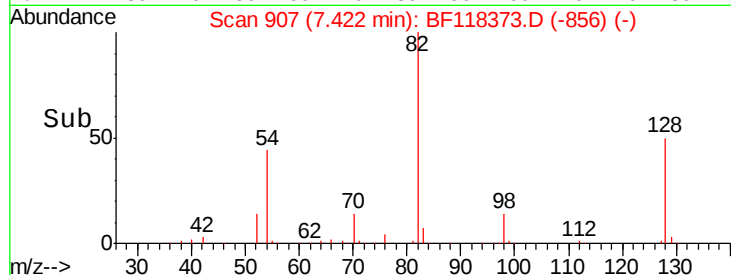
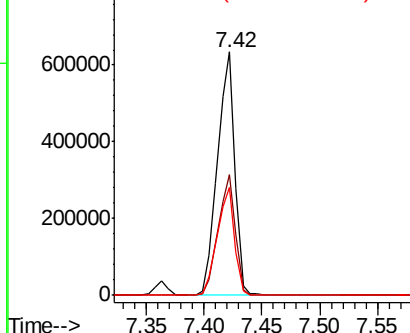
#23
Nitrobenzene-d5
Concen: 82.031 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	664967
Ion Ratio	100	Lower	Upper
128	49.4	39.6	59.4
54	44.3	34.9	52.3

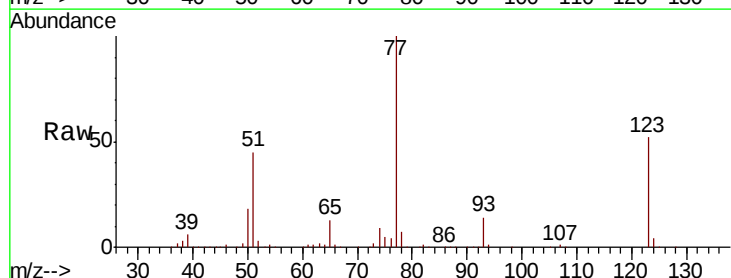


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

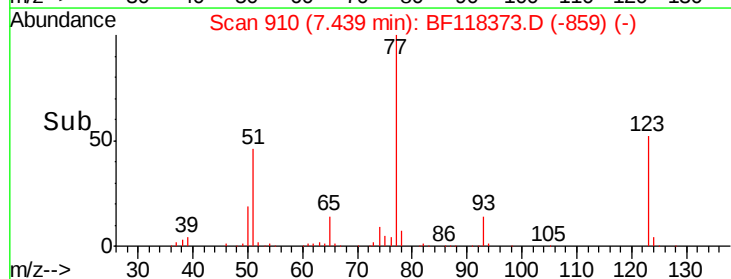
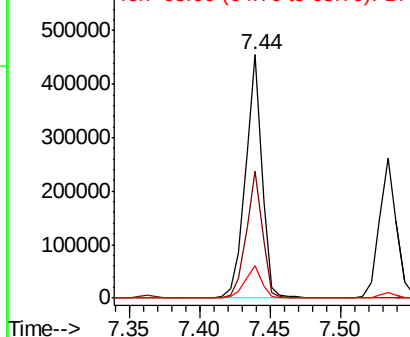


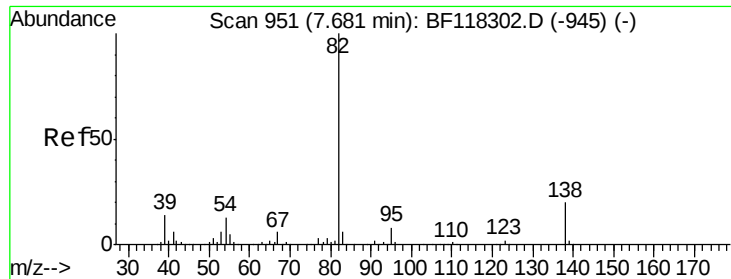
#24
Nitrobenzene
Concen: 45.196 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	77	Resp	367002
Ion Ratio	100	Lower	Upper
123	52.2	39.1	58.7
65	13.5	10.6	16.0



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

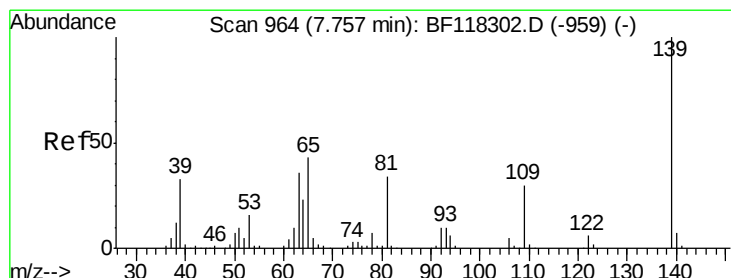
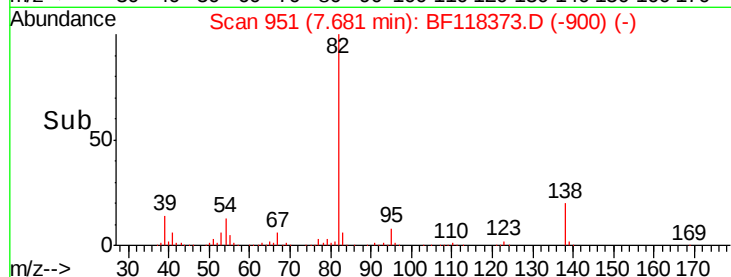
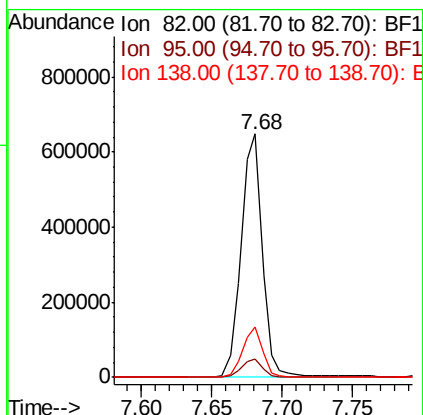
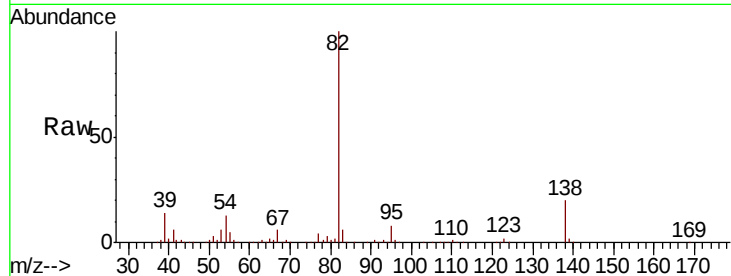




#25
Isophorone
Concen: 48.074 ng
RT: 7.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

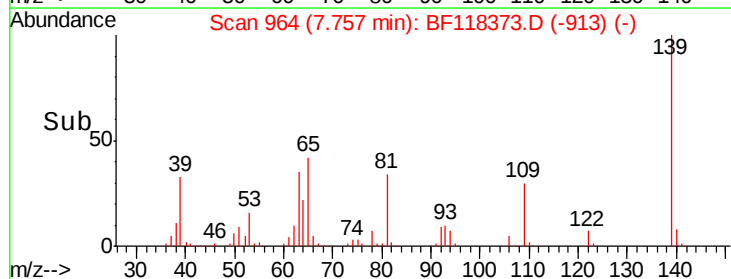
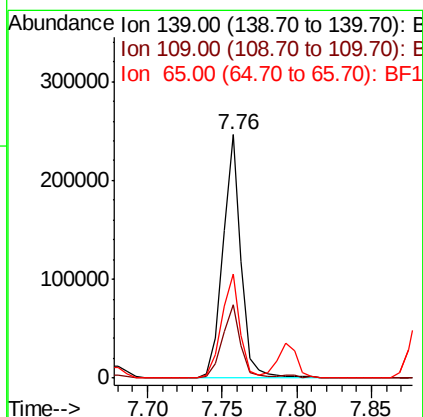
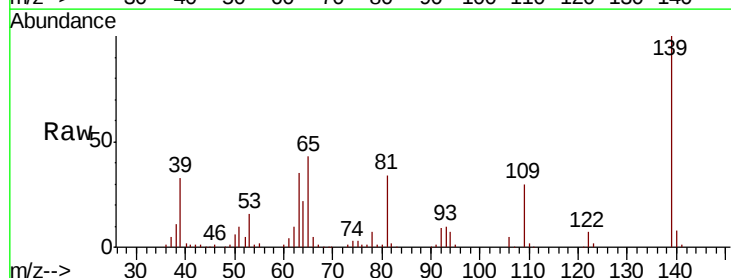
Instrument :
BNA_F
ClientSampleId :

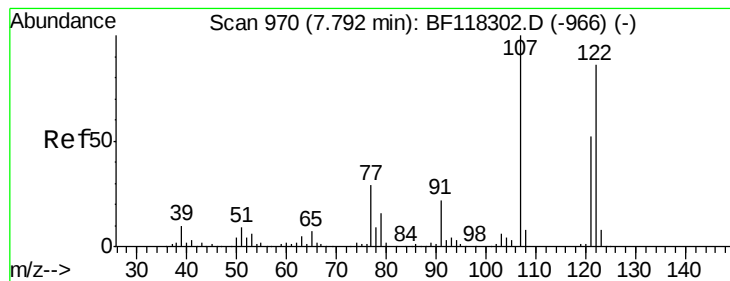
Tot Ion: 82 Resp: 679172
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 20.5 16.2 24.2



#26
2-Nitrophenol
Concen: 49.408 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion: 139 Resp: 212506
Ion Ratio Lower Upper
139 100
109 29.9 24.1 36.1
65 42.6 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 56.272 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampled :

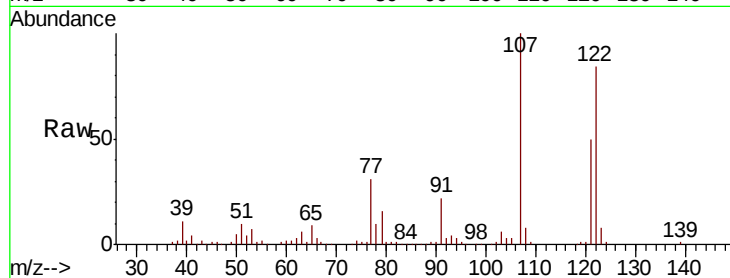
Tot Ion:122 Resp: 330225

Ion Ratio Lower Upper

122 100

107 119.0 92.9 139.3

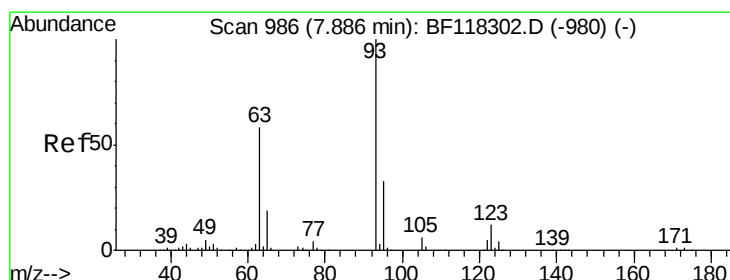
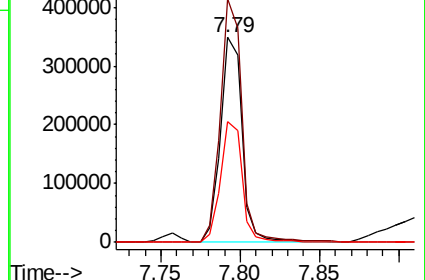
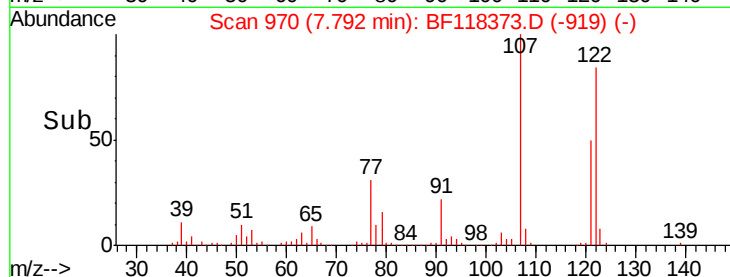
121 59.3 47.9 71.9



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: 45.953 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

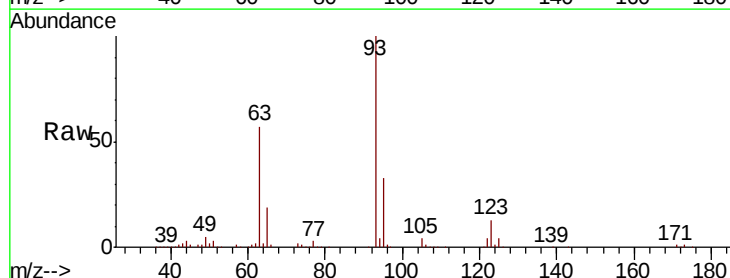
Tgt Ion: 93 Resp: 424581

Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.4

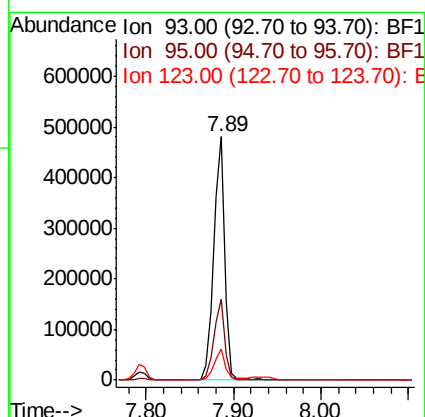
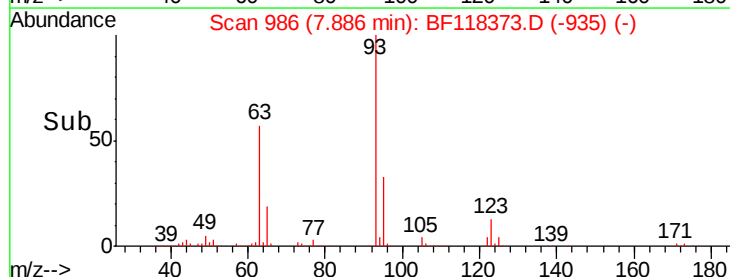
123 12.6 9.8 14.8

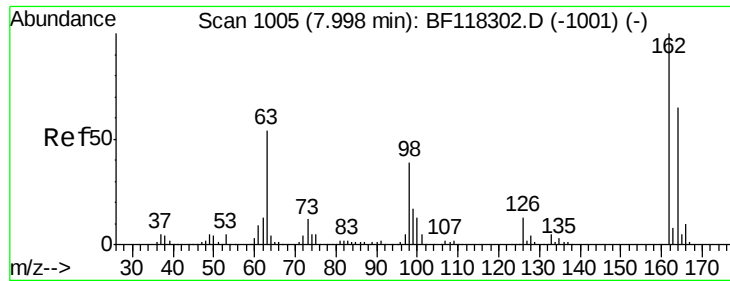


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

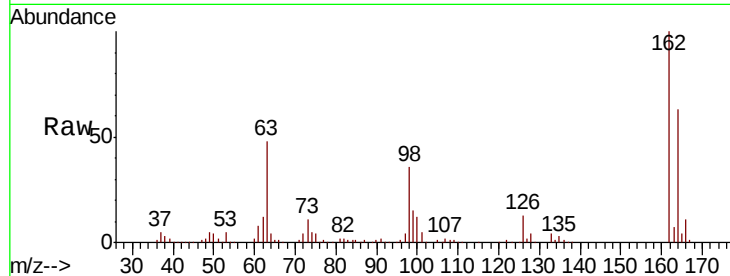




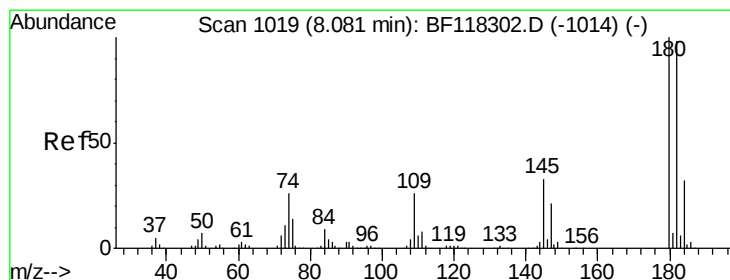
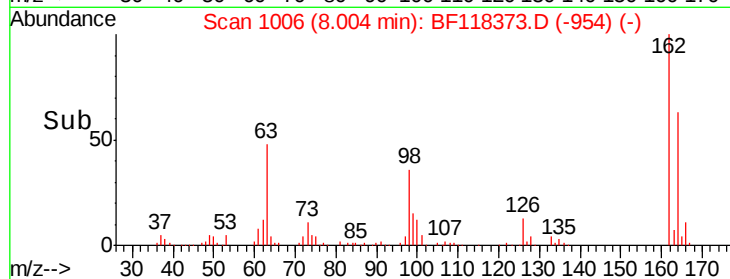
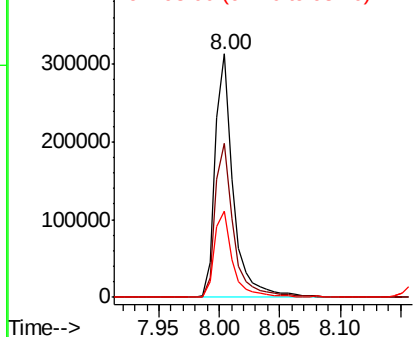
#29
 2,4-Dichlorophenol
 Concen: 47.589 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 321436
 Ion Ratio Lower Upper
 162 100
 164 63.5 45.1 85.1
 98 35.5 18.6 58.6

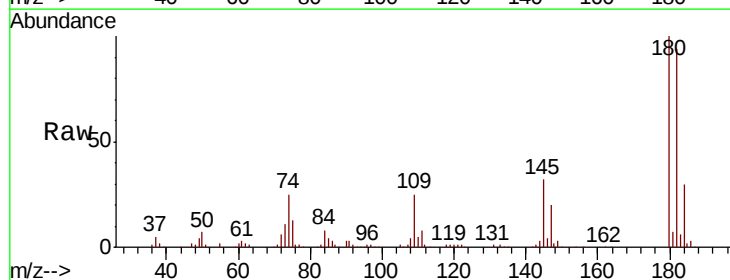


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

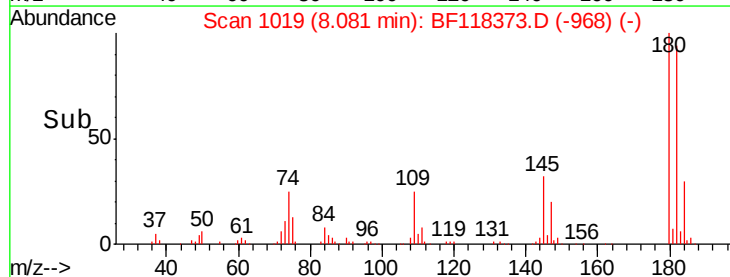
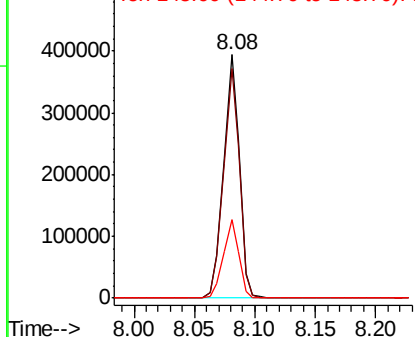


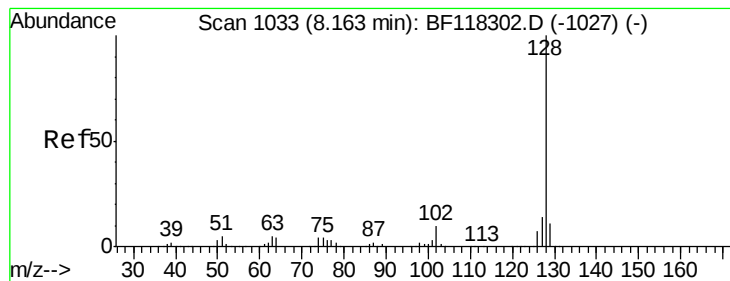
#30
 1,2,4-Trichlorobenzene
 Concen: 45.216 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion:180 Resp: 355770
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.3 117.5
 145 32.3 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: 46.927 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

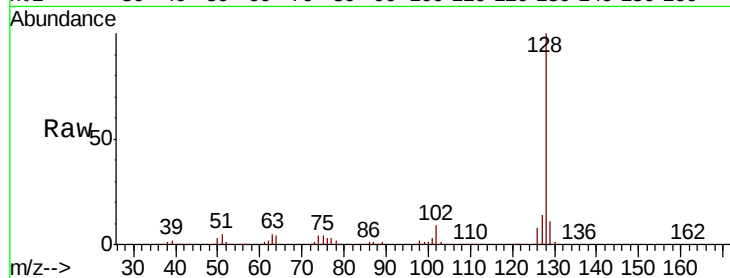
Tot Ion:128 Resp: 1105841

Ion Ratio Lower Upper

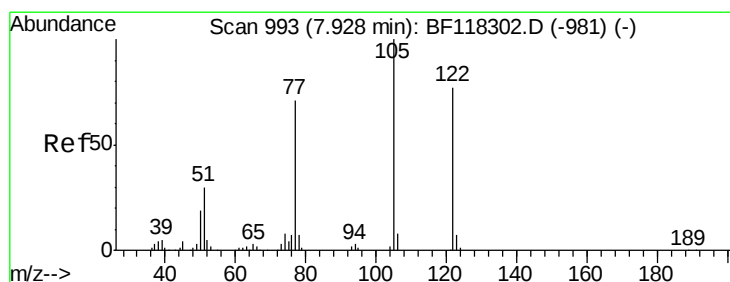
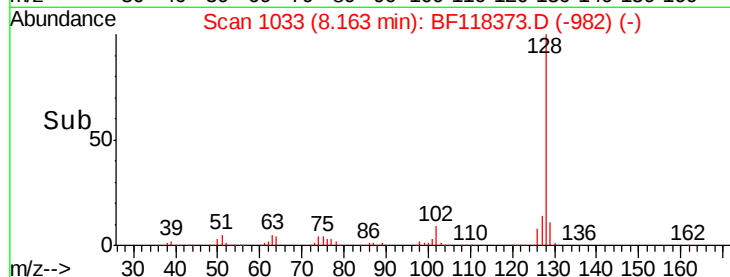
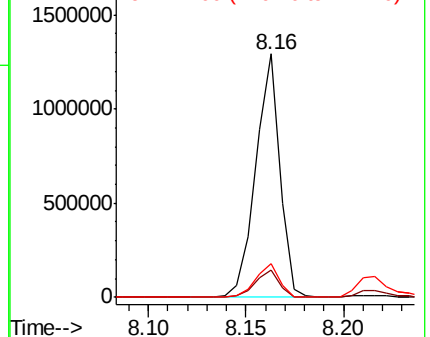
128 100

129 11.1 9.0 13.4

127 13.6 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: 41.708 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

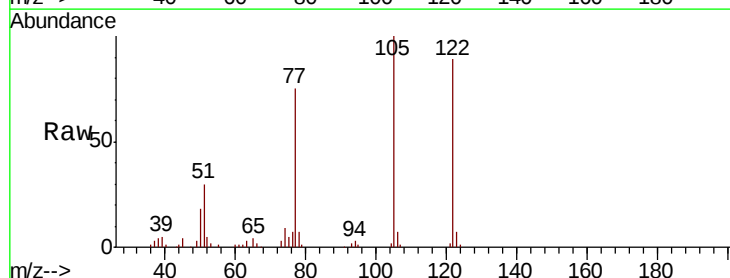
Tgt Ion:122 Resp: 202498

Ion Ratio Lower Upper

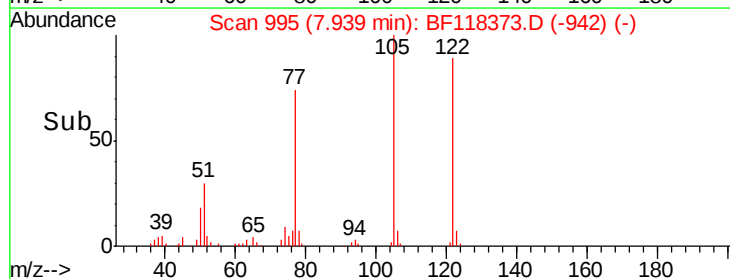
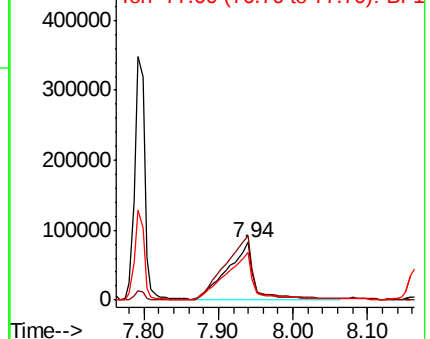
122 100

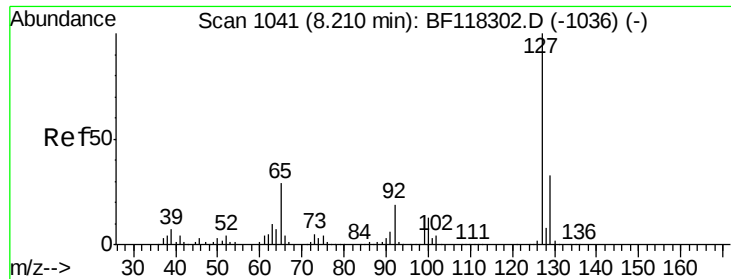
105 112.2 106.8 146.8

77 83.9 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

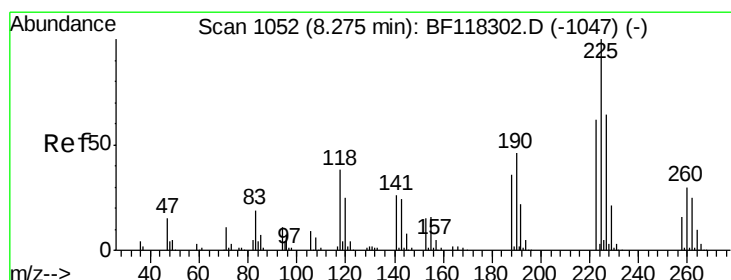
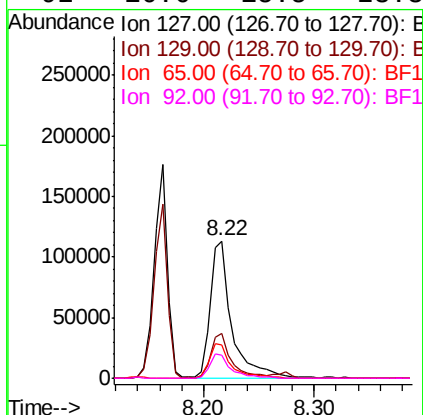
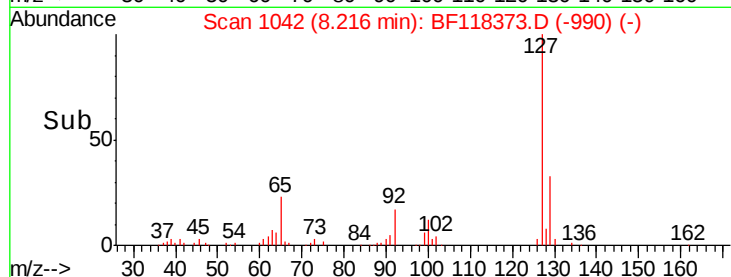
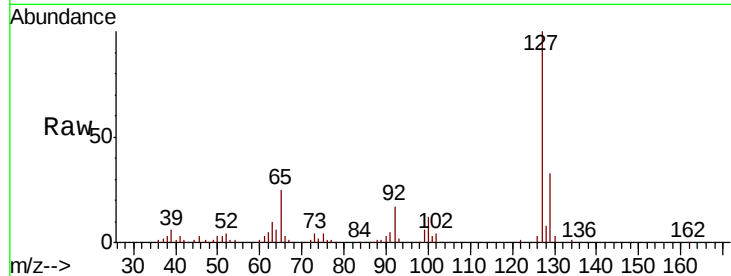




#33
4-Chloroaniline
Concen: 14.964 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

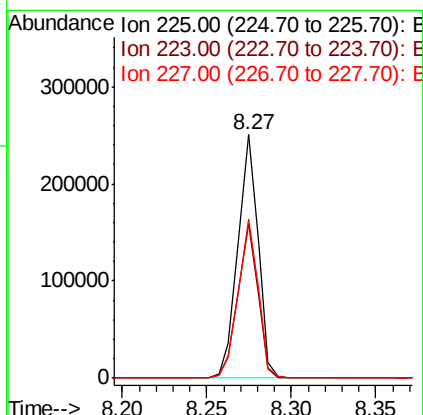
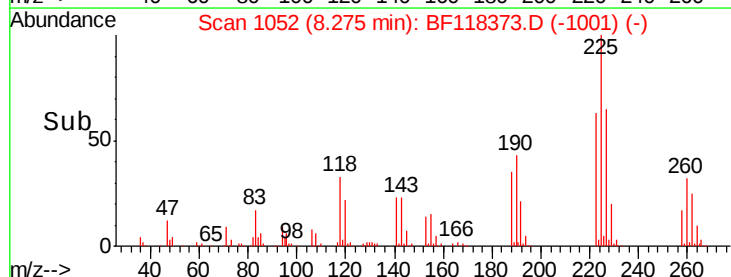
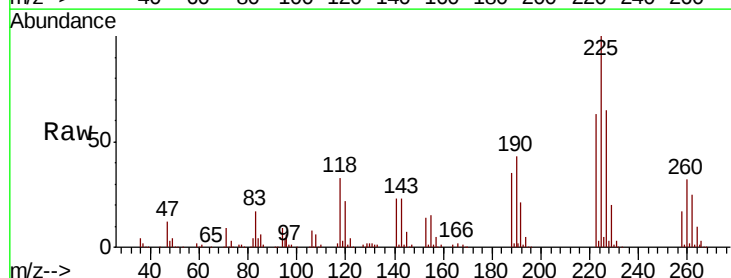
Instrument :
BNA_F
ClientSampleId :

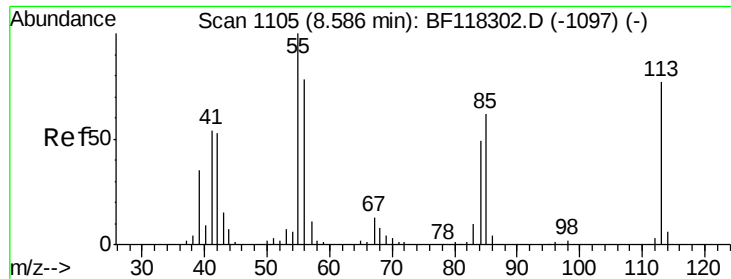
Tot Ion:	127	Resp:	151165
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.5	39.7
65	24.8	22.8	34.2
92	16.6	15.5	23.3



#34
Hexachlorobutadiene
Concen: 44.577 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:	225	Resp:	208781
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.5	74.3
227	65.3	51.0	76.4

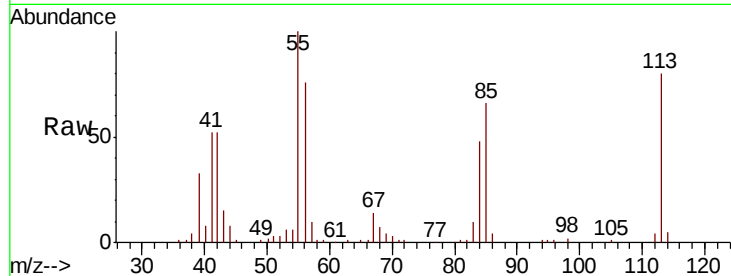




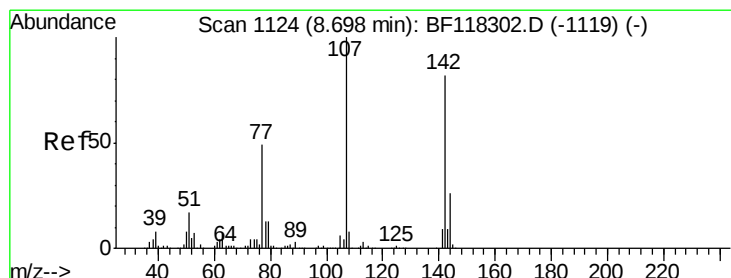
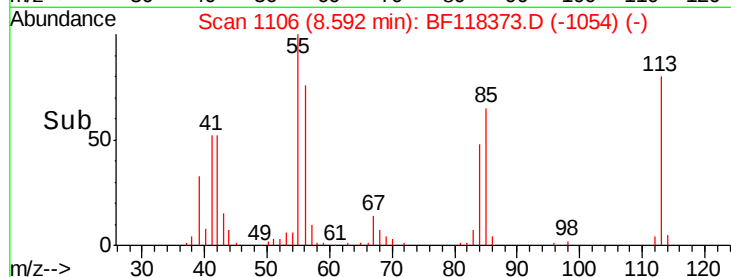
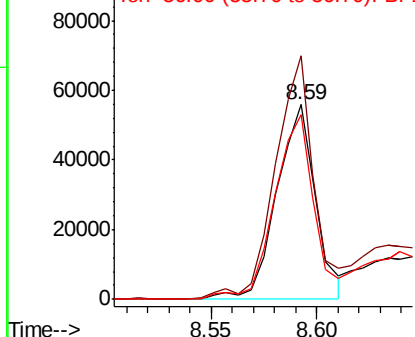
#35
Caprolactam
Concen: 33.885 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:113 Resp: 71454
Ion Ratio Lower Upper
113 100
55 125.2 109.8 149.8
56 95.1 81.7 121.7

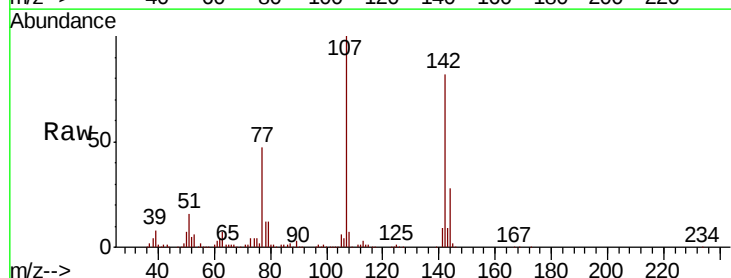


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

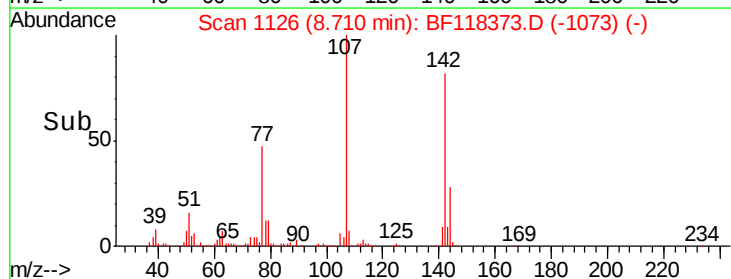
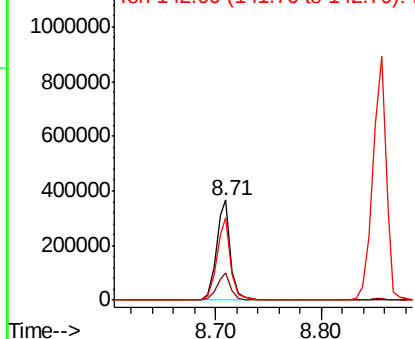


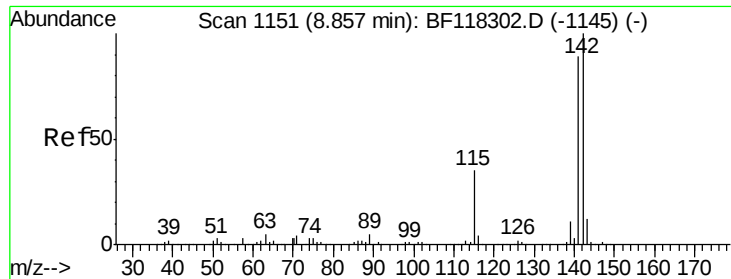
#36
4-Chloro-3-methylphenol
Concen: 47.966 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:107 Resp: 347846
Ion Ratio Lower Upper
107 100
144 27.6 21.2 31.8
142 82.3 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

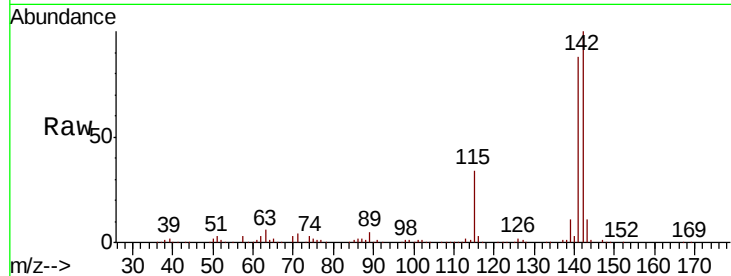




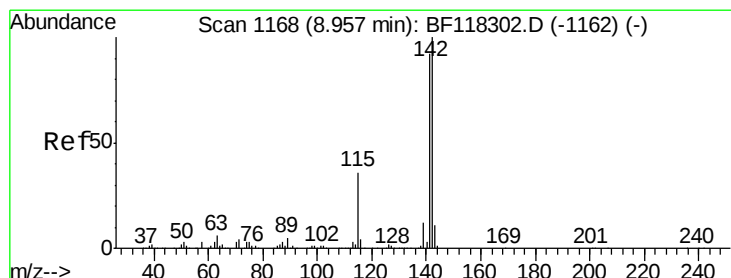
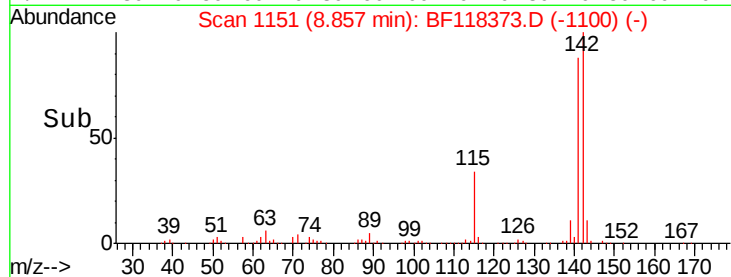
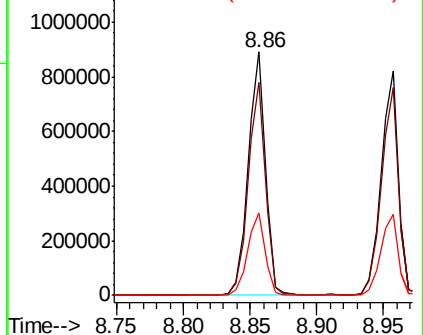
#37
2-Methylnaphthalene
Concen: 48.364 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 780316
Ion Ratio Lower Upper
142 100
141 87.7 71.2 106.8
115 33.8 28.0 42.0

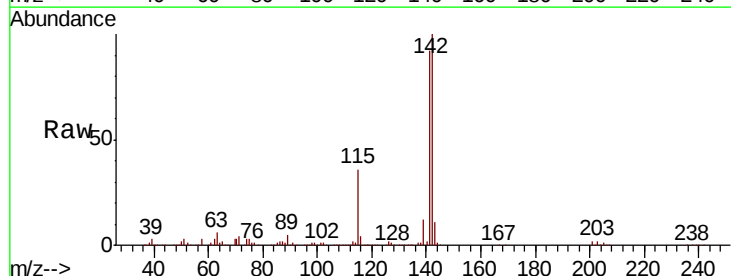


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

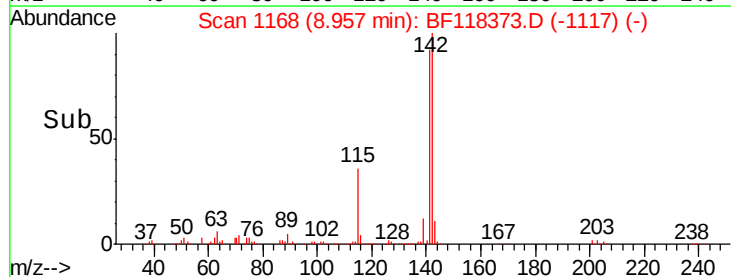
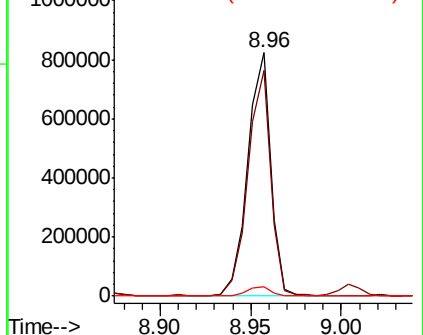


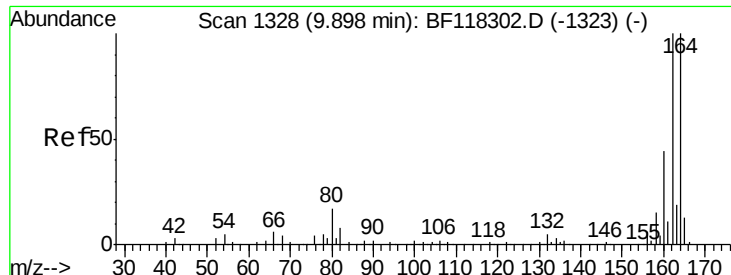
#38
1-Methylnaphthalene
Concen: 47.756 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:142 Resp: 725915
Ion Ratio Lower Upper
142 100
141 92.5 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: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

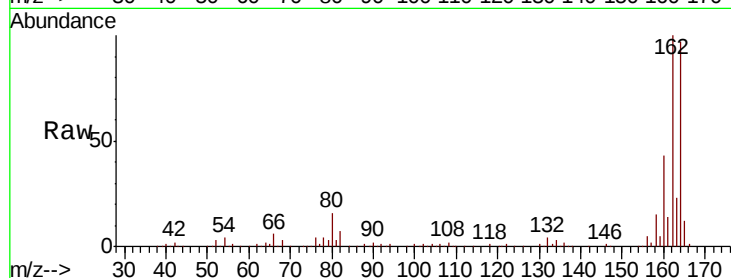
Tot Ion:164 Resp: 253809

Ion Ratio Lower Upper

164 100

162 102.9 80.0 120.0

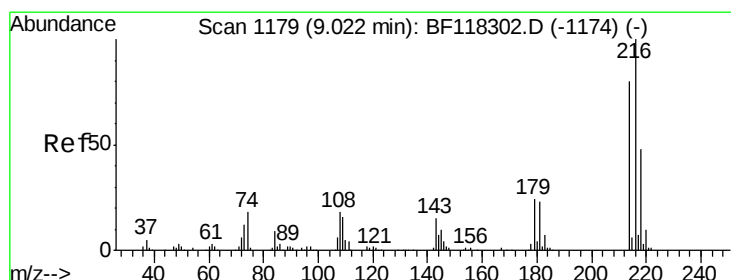
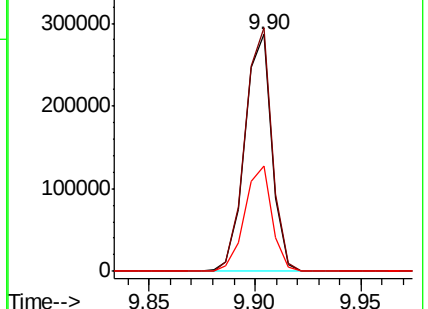
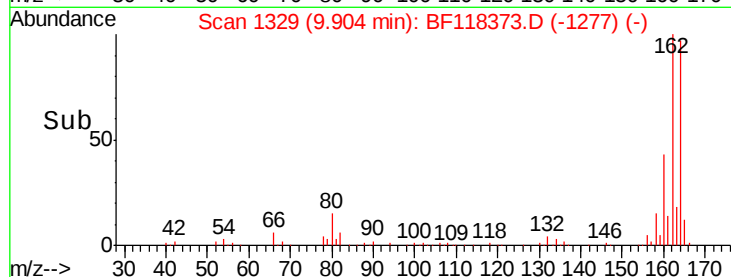
160 44.3 34.8 52.2



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: 44.842 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:216 Resp: 341956

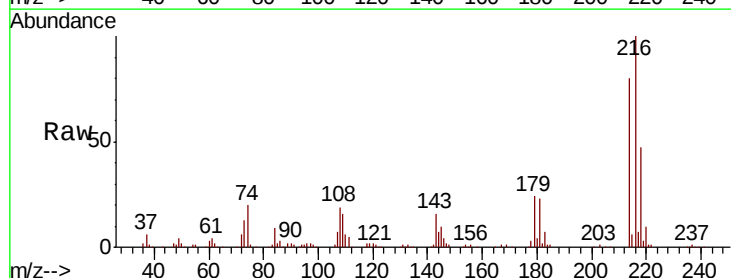
Ion Ratio Lower Upper

216 100

214 79.3 63.3 94.9

179 23.6 18.9 28.3

108 19.9 15.0 22.6

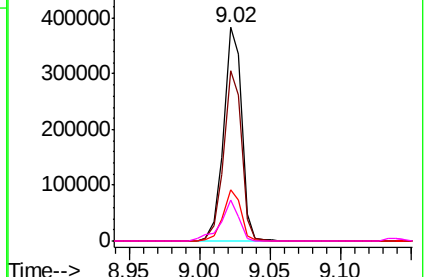
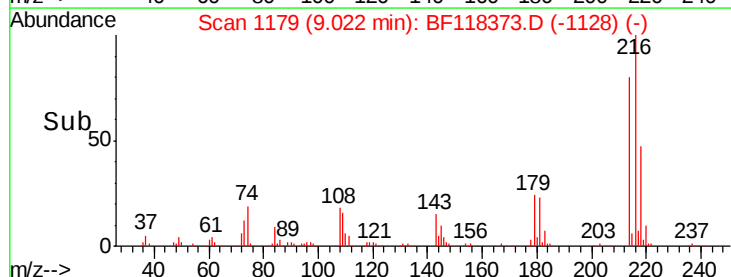


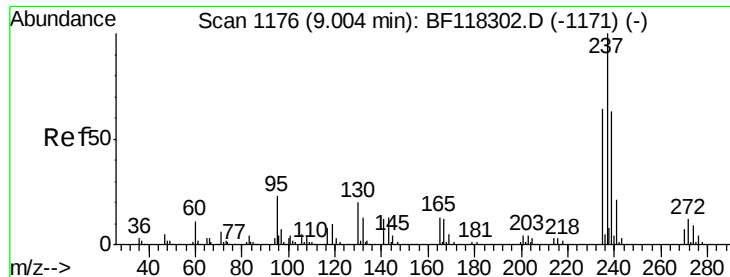
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.823 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

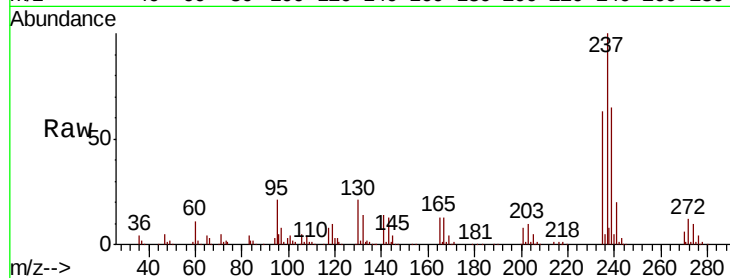
Tot Ion:237 Resp: 267127

Ion Ratio Lower Upper

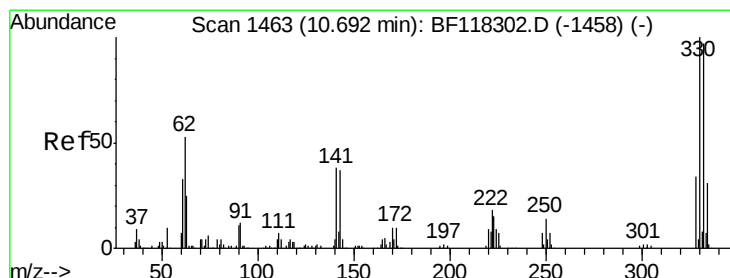
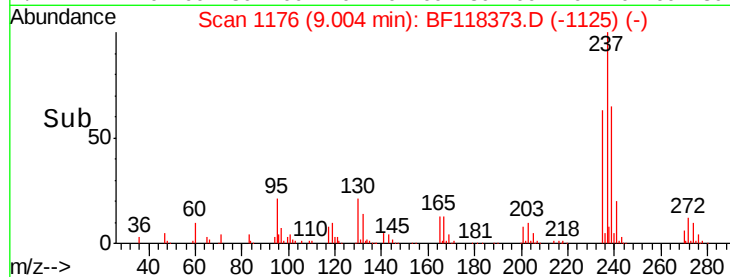
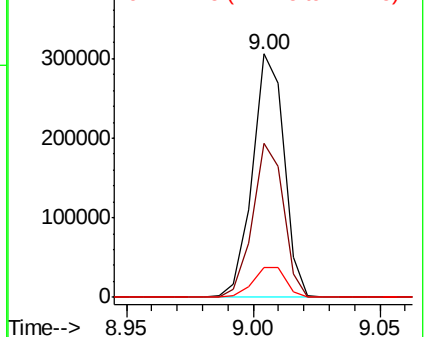
237 100

235 63.1 43.8 83.8

272 12.3 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: 128.389 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

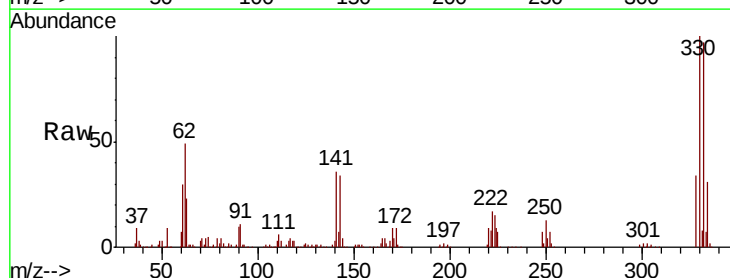
Tgt Ion:330 Resp: 402416

Ion Ratio Lower Upper

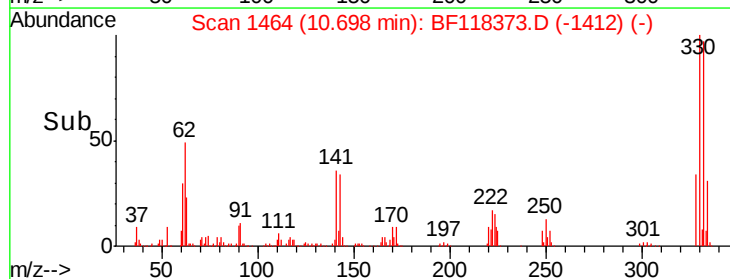
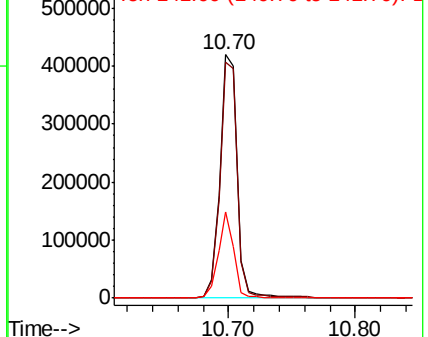
330 100

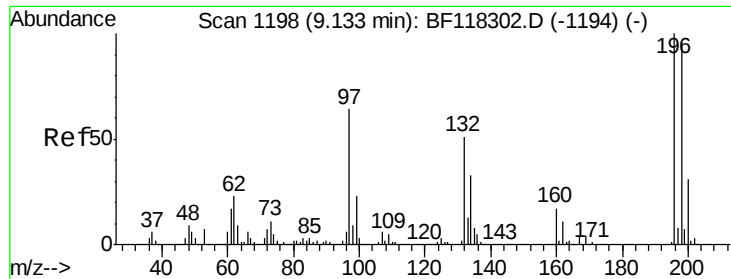
332 97.7 76.6 114.8

141 31.7 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

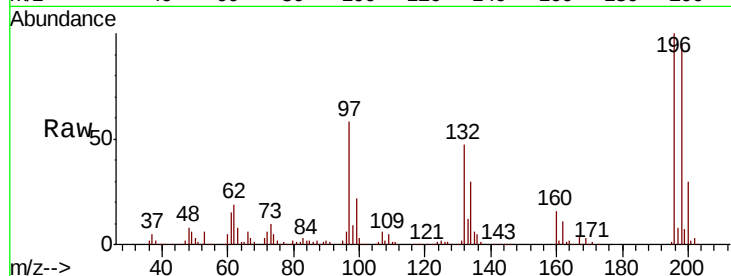




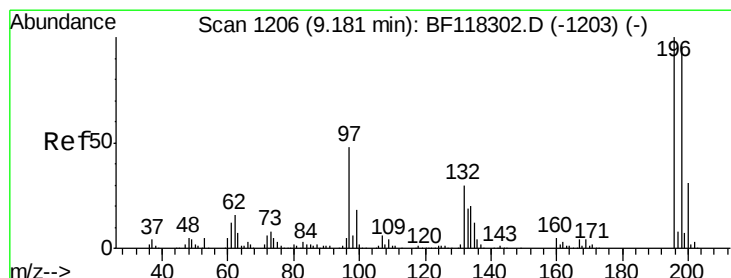
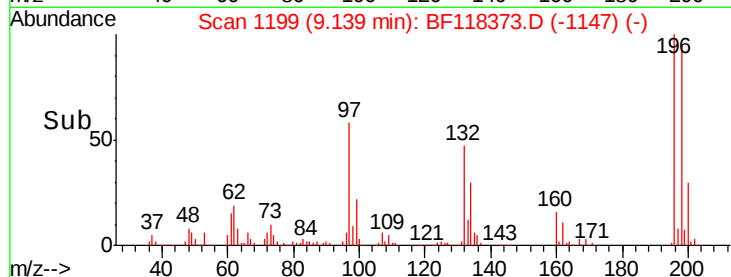
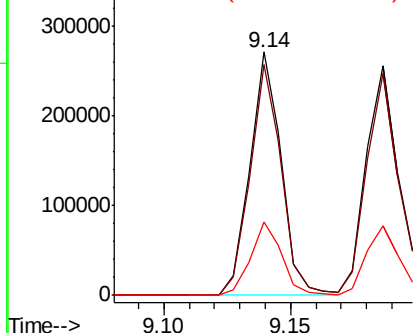
#43
 2,4,6-Trichlorophenol
 Concen: 45.777 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 233217
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.7 115.1
 200 30.0 24.8 37.2

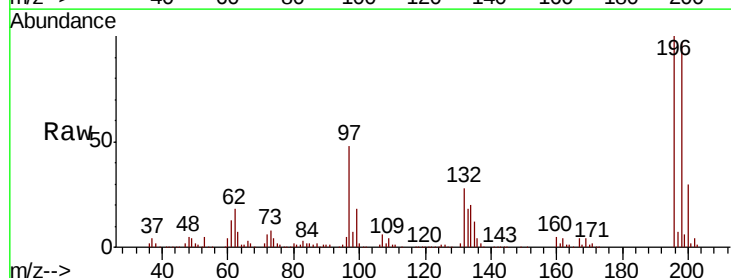


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

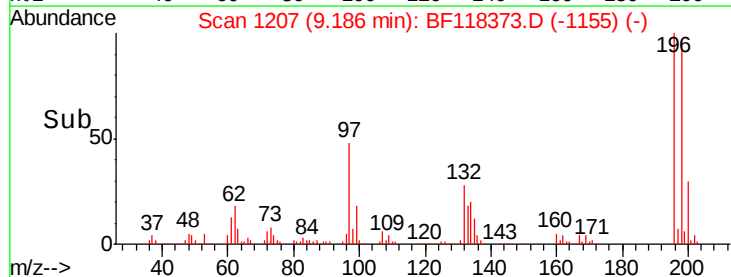
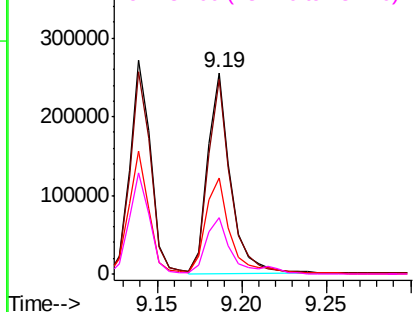


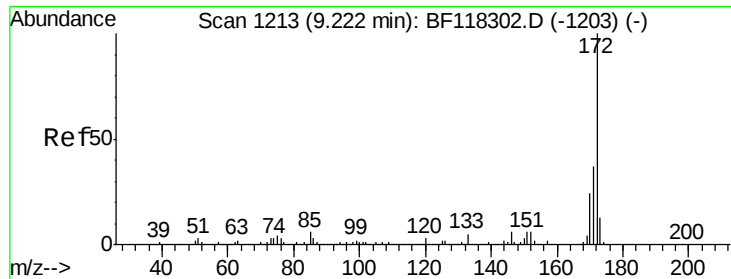
#44
 2,4,5-Trichlorophenol
 Concen: 46.267 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion:196 Resp: 242477
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.0 115.4
 97 47.8 38.9 58.3
 132 28.1 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

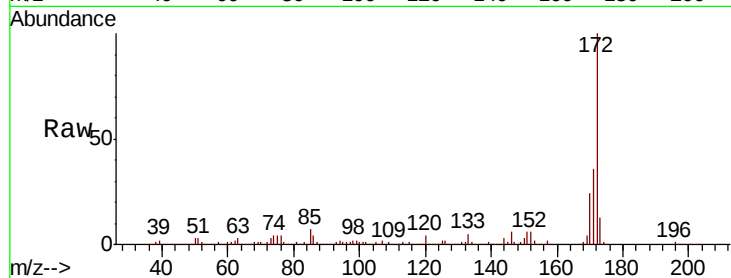




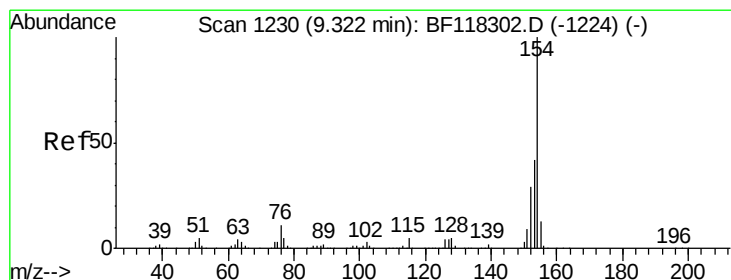
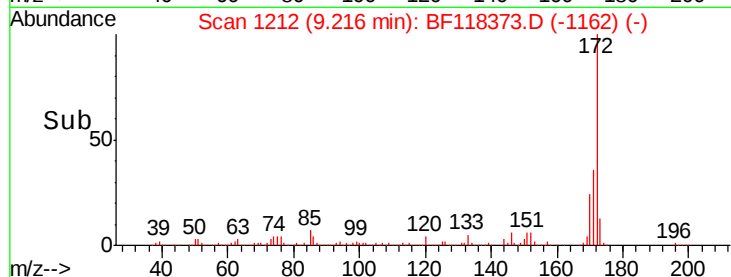
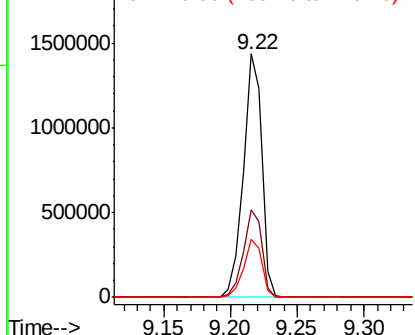
#45
2-Fluorobiphenyl
Concen: 82.327 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1368858
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 24.0 19.2 28.8

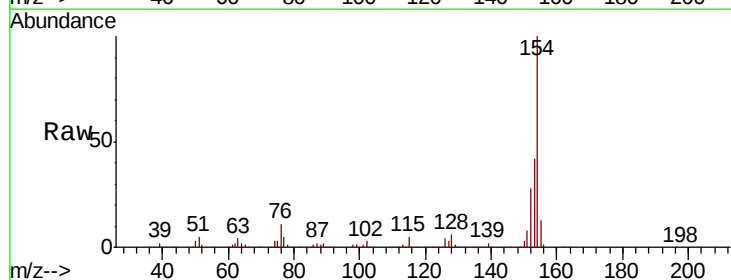


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

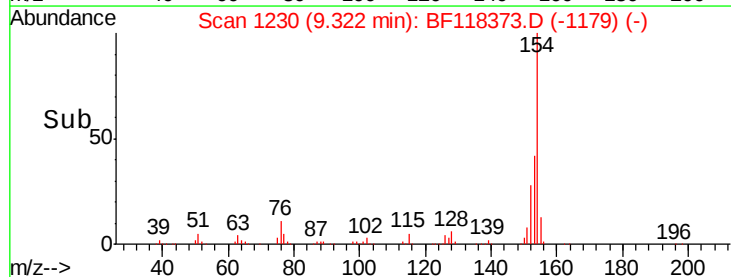
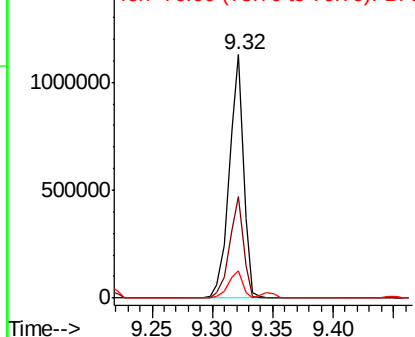


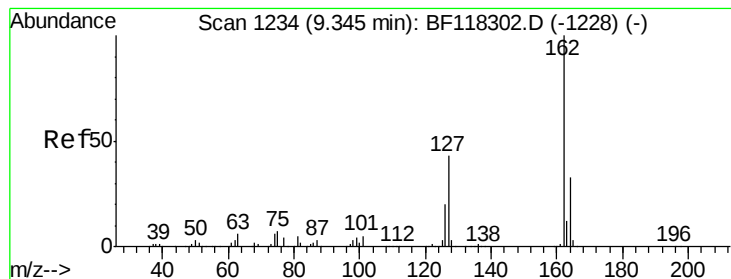
#46
1,1'-Biphenyl
Concen: 46.251 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:154 Resp: 928489
Ion Ratio Lower Upper
154 100
153 41.9 21.8 61.8
76 11.0 0.0 30.9



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





#47

2-Chloronaphthalene

Concen: 44.688 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

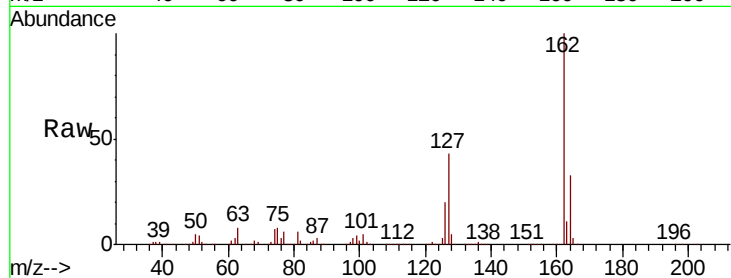
Tot Ion:162 Resp: 722019

Ion Ratio Lower Upper

162 100

127 43.4 35.0 52.4

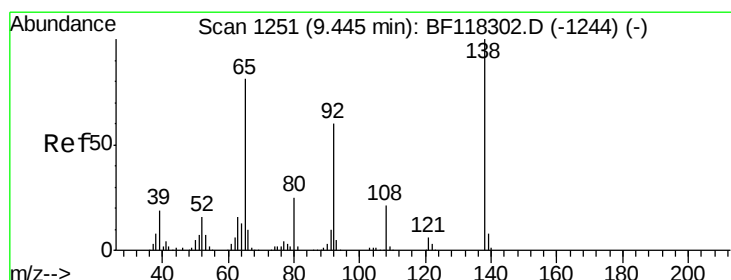
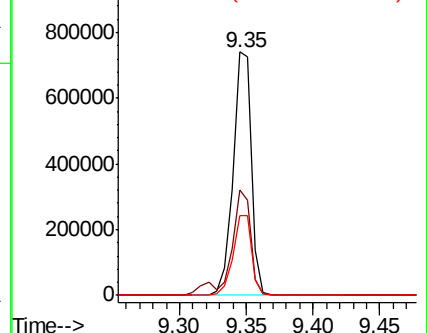
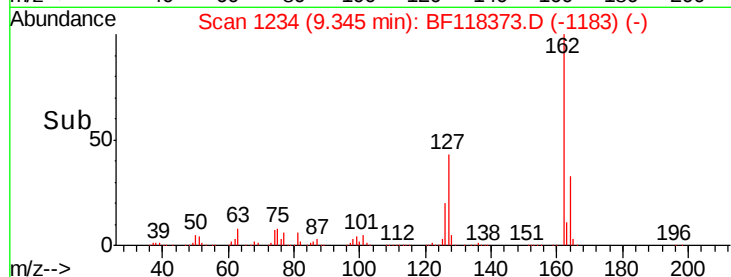
164 32.9 26.6 40.0



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: 43.901 ng

RT: 9.45 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

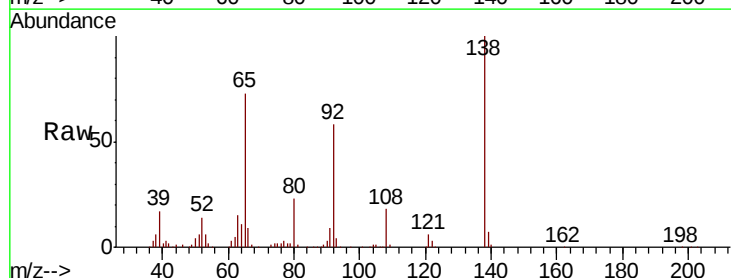
Tgt Ion: 65 Resp: 200349

Ion Ratio Lower Upper

65 100

92 79.3 58.7 88.1

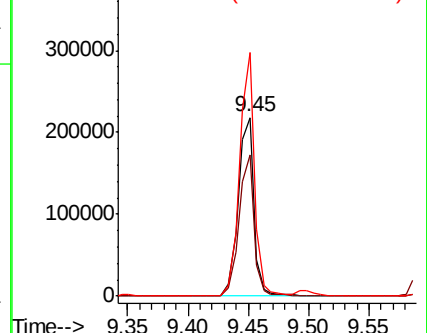
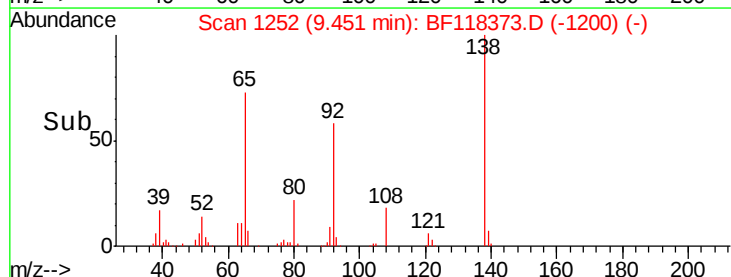
138 136.4 98.5 147.7

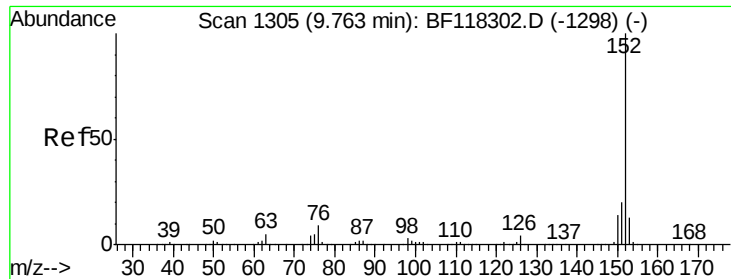


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.975 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

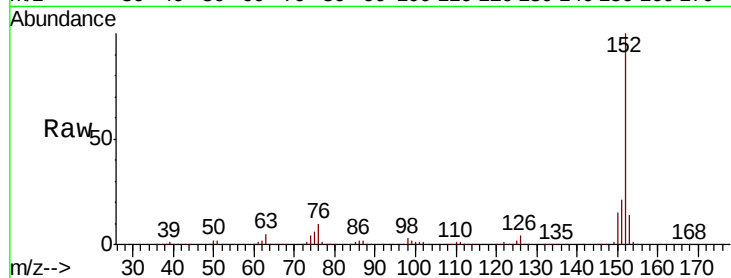
Tot Ion:152 Resp: 1149606

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

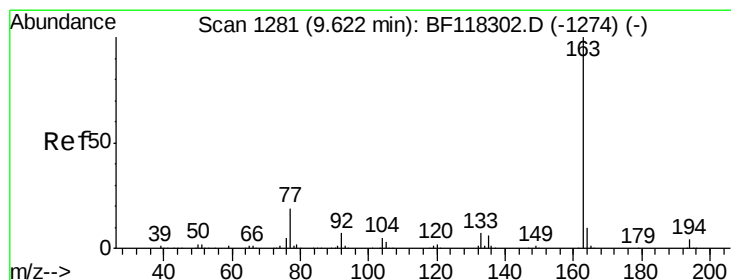
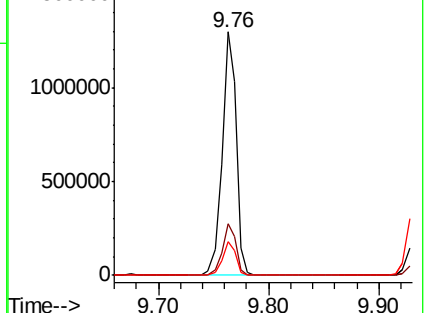
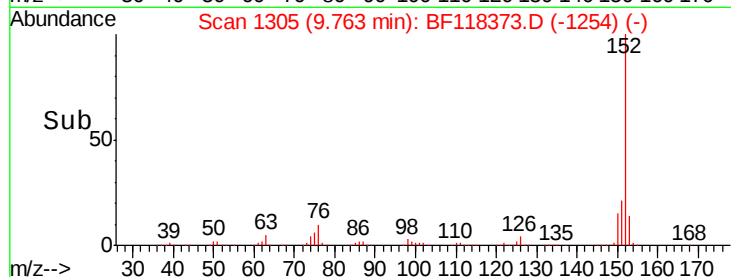
153 13.7 10.5 15.7



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: 49.539 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

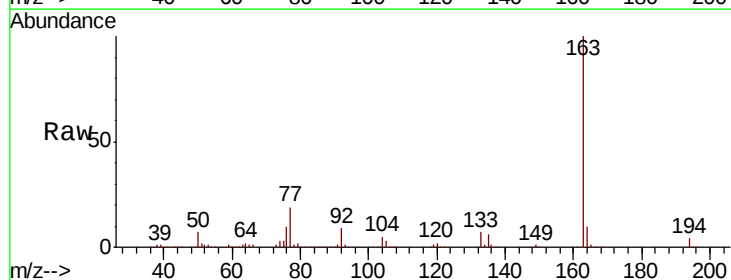
Tgt Ion:163 Resp: 943804

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

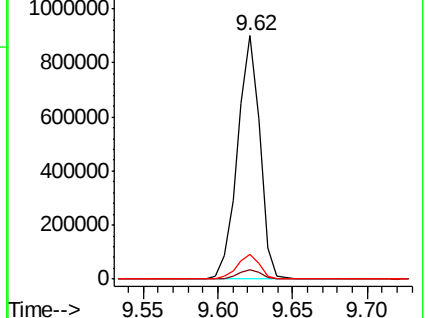
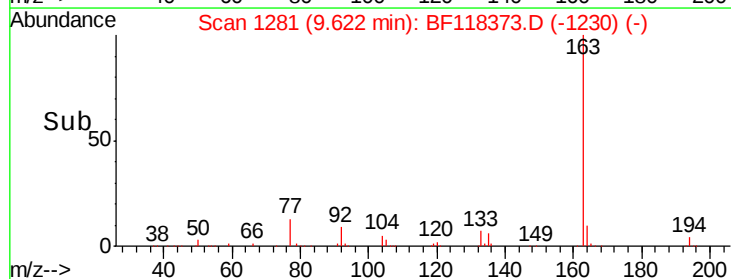
164 10.2 7.9 11.9

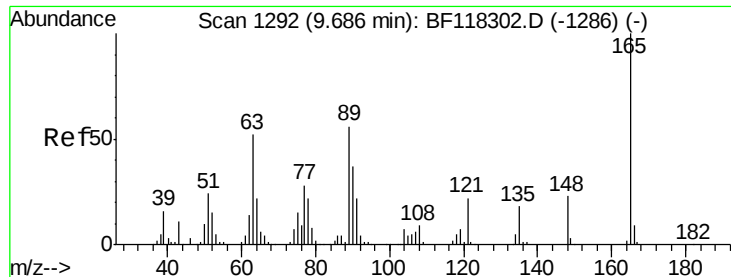


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.293 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

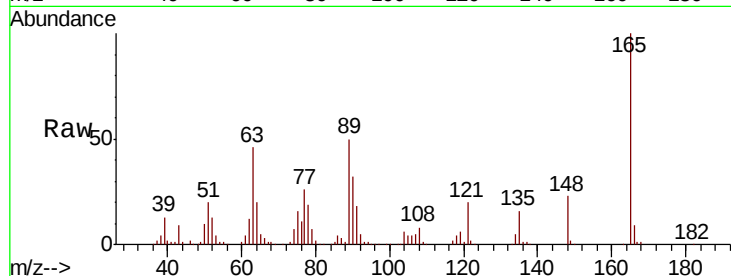
Tot Ion:165 Resp: 198361

Ion Ratio Lower Upper

165 100

63 45.7 42.2 63.4

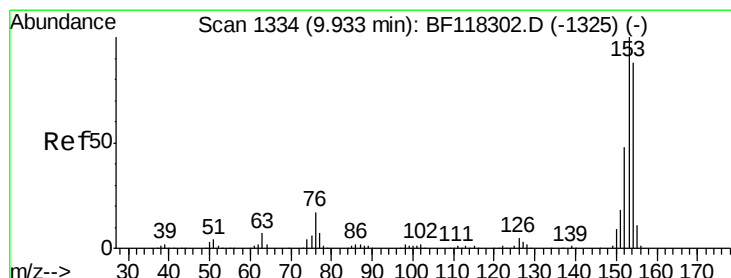
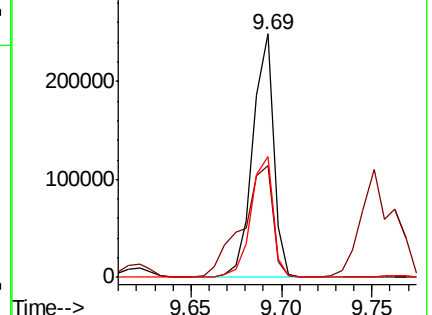
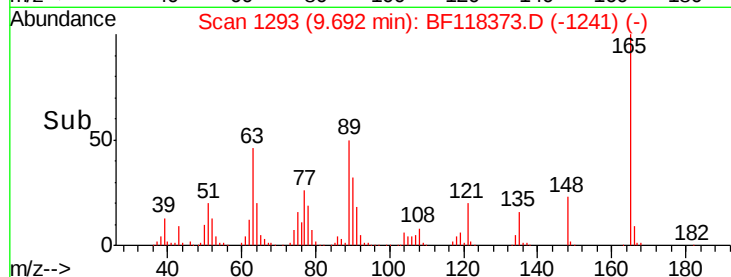
89 49.6 44.4 66.6



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: 46.029 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

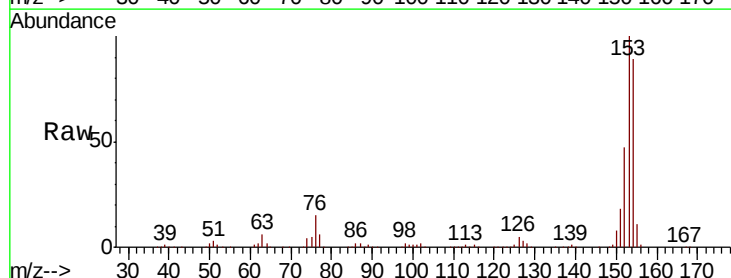
Tgt Ion:154 Resp: 671829

Ion Ratio Lower Upper

154 100

153 111.8 90.6 136.0

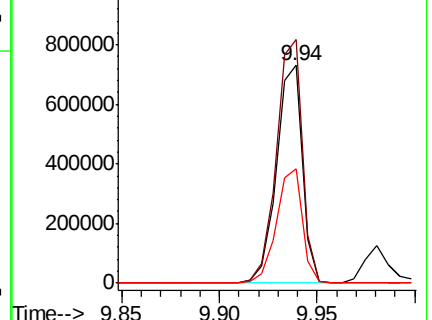
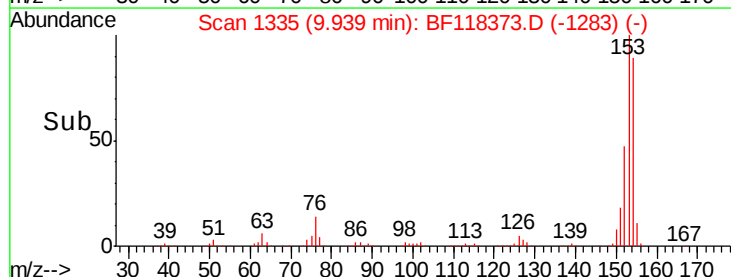
152 52.5 43.1 64.7

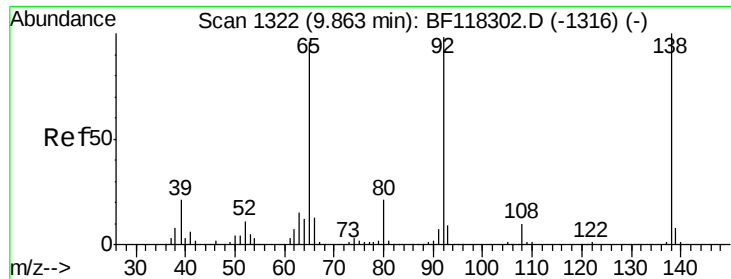


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

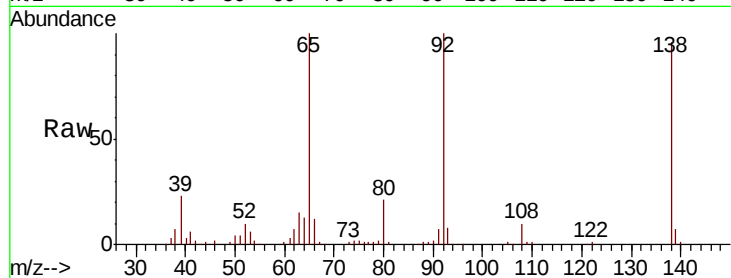




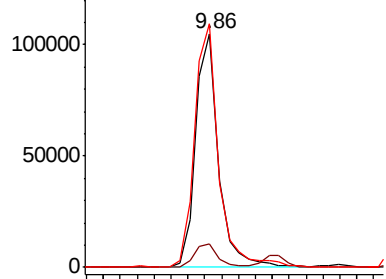
#53
3-Nitroaniline
Concen: 20.656 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

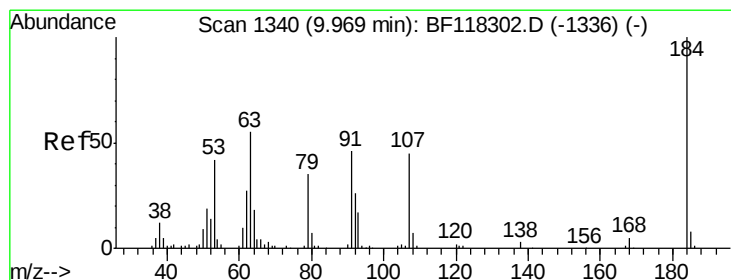
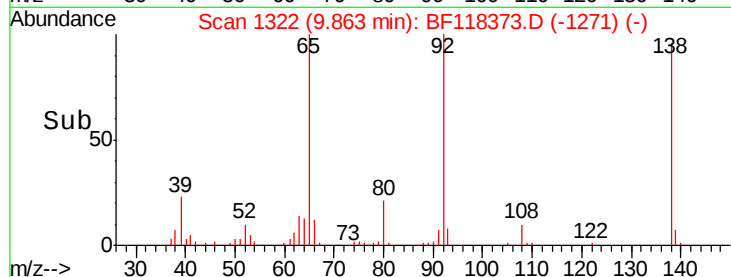
Tot Ion:138 Resp: 99580
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.8
92 104.2 78.2 117.2



Abundance Ion 138.00 (137.70 to 138.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

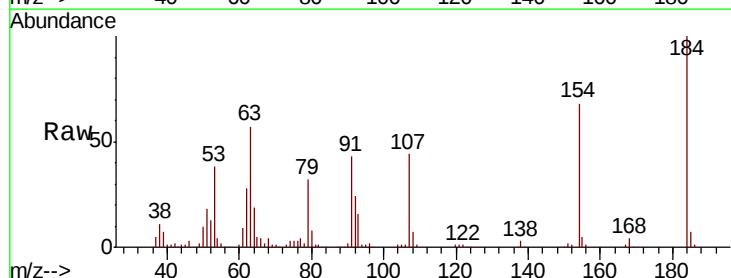


Time-->

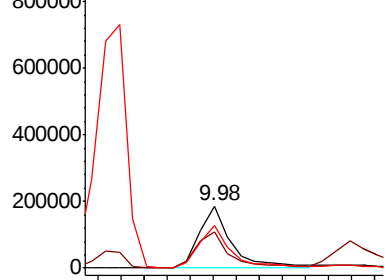


#54
2,4-Dinitrophenol
Concen: 87.274 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

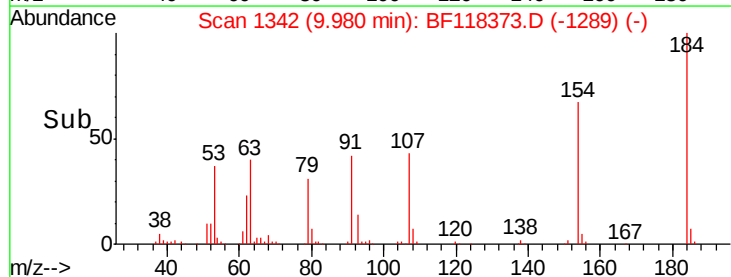
Tgt Ion:184 Resp: 181787
Ion Ratio Lower Upper
184 100
63 57.1 48.8 73.2
154 67.7 55.0 82.4

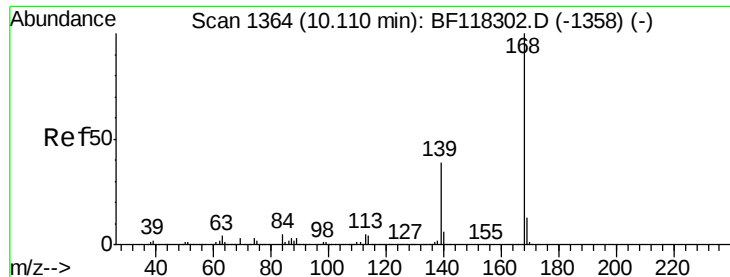


Abundance Ion 184.00 (183.70 to 184.70): E
1000000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->

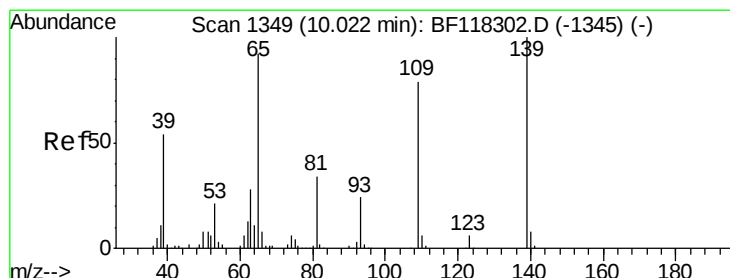
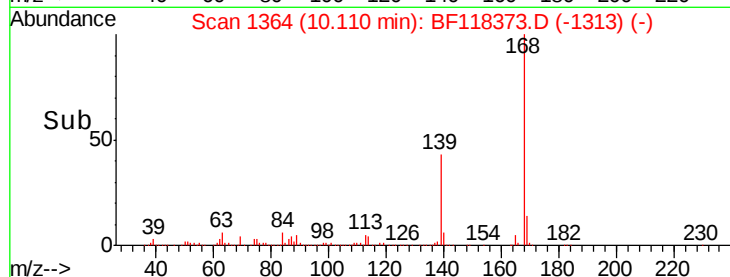
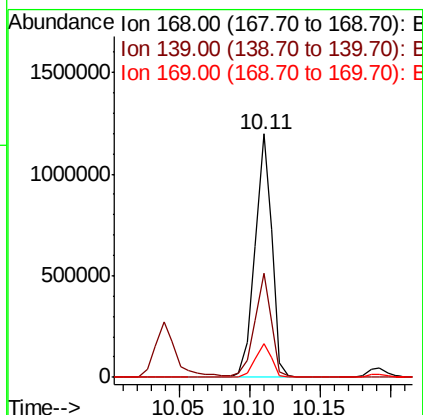
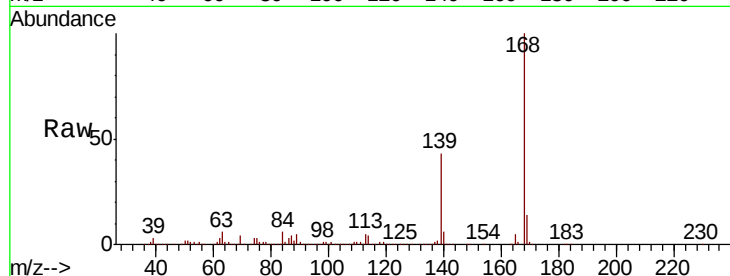




#55
Dibenzenofuran
Concen: 46.634 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

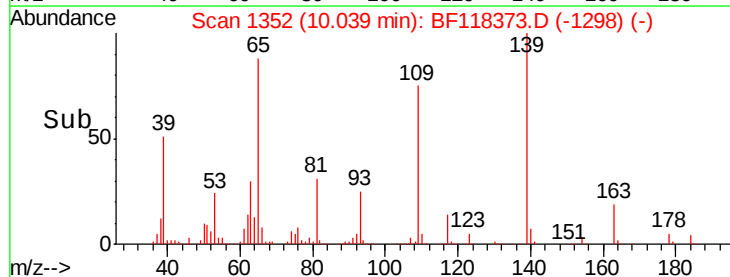
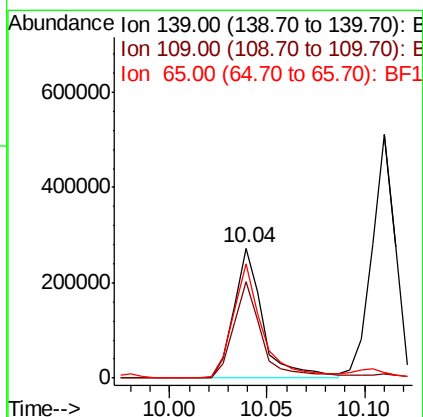
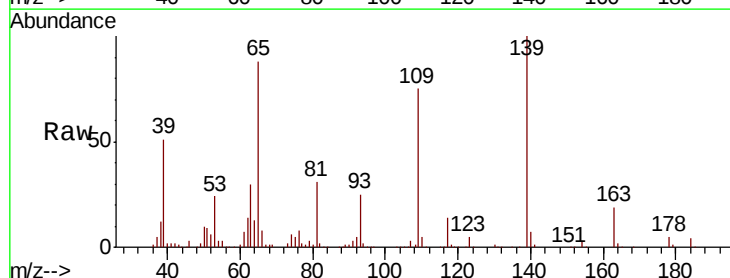
Instrument :
BNA_F
ClientSampleId :

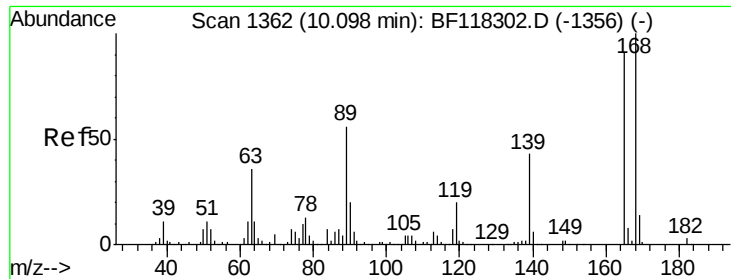
Tot Ion:168 Resp: 1005732
Ion Ratio Lower Upper
168 100
139 42.6 31.5 47.3
169 13.7 10.4 15.6



#56
4-Nitrophenol
Concen: 94.903 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:139 Resp: 282445
Ion Ratio Lower Upper
139 100
109 74.6 59.3 99.3
65 87.6 72.4 112.4

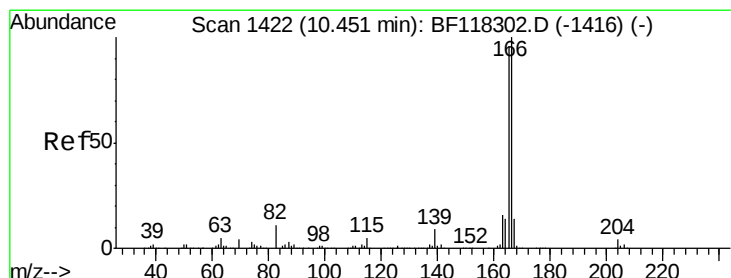
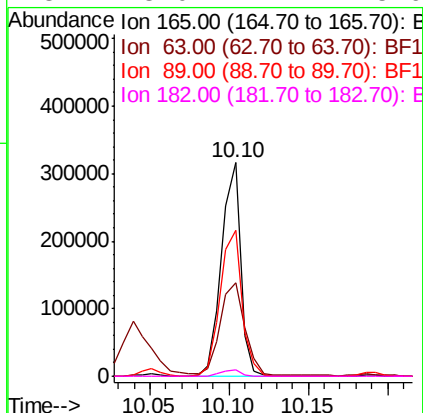
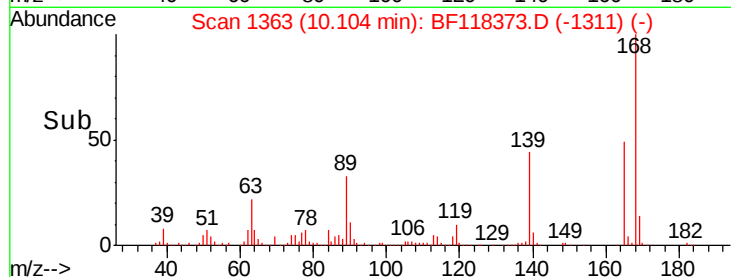
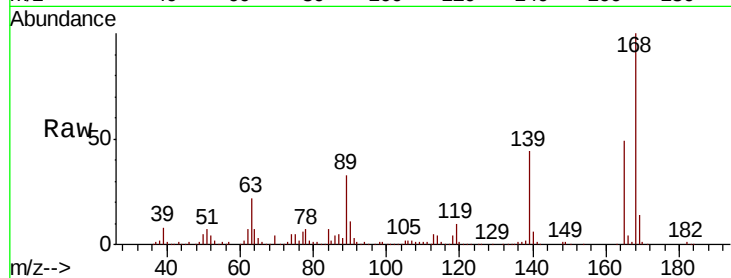




#57
2,4-Dinitrotoluene
Concen: 48.634 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

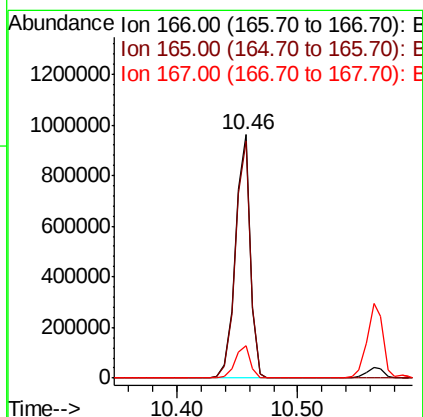
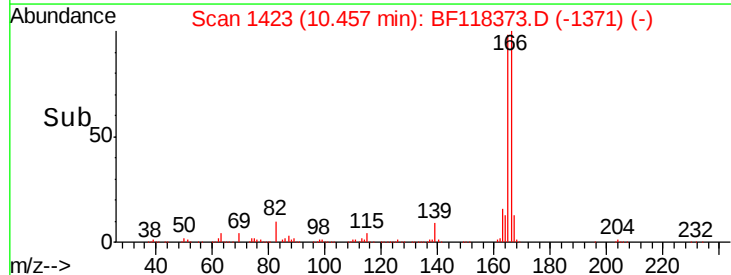
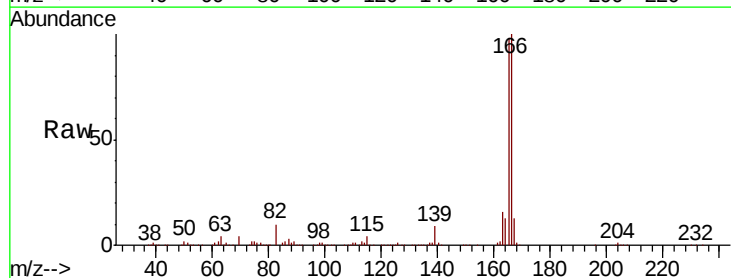
Instrument :
BNA_F
ClientSampled :

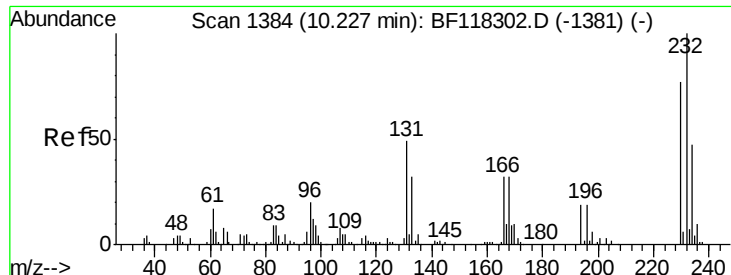
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	32.0	48.0
89	68.1	49.3	73.9
182	3.0	2.4	3.6



#58
Fluorene
Concen: 47.246 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.0	115.4
167	13.2	10.9	16.3

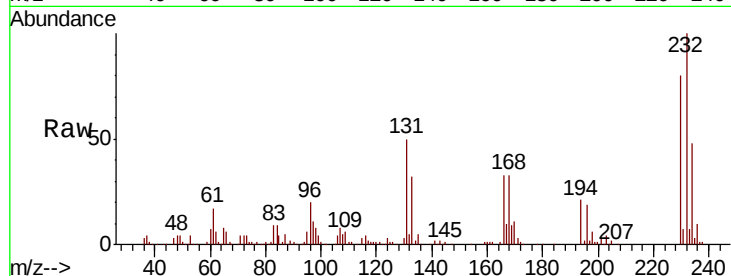




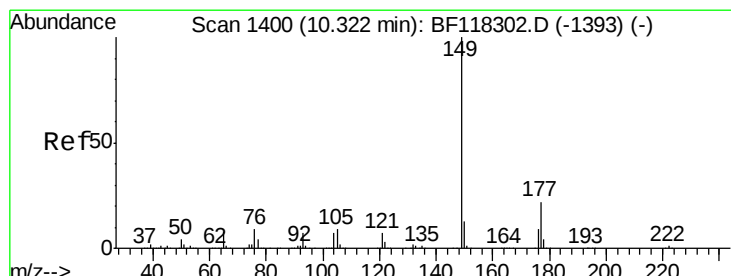
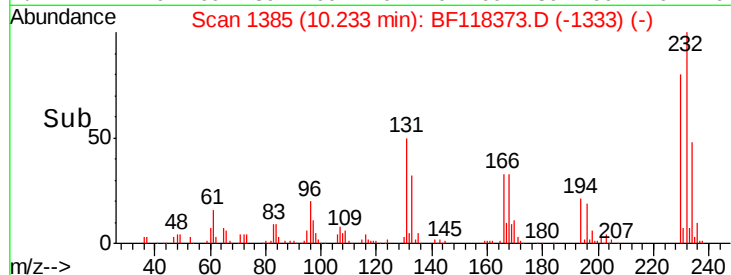
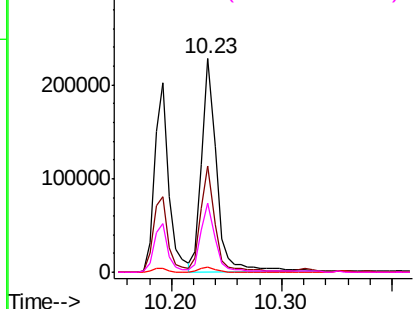
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.955 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.3	37.7	56.5
130	2.4	2.0	3.0
166	30.4	24.7	37.1

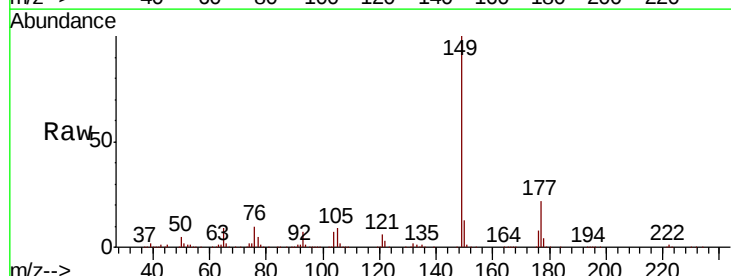


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

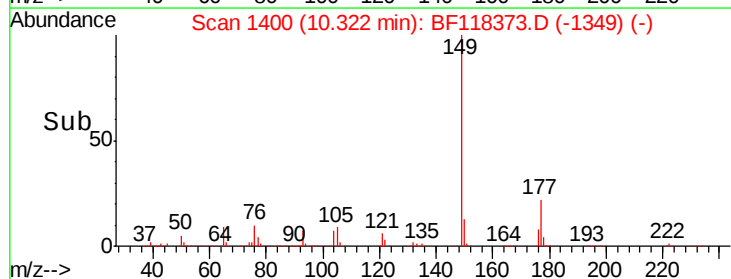
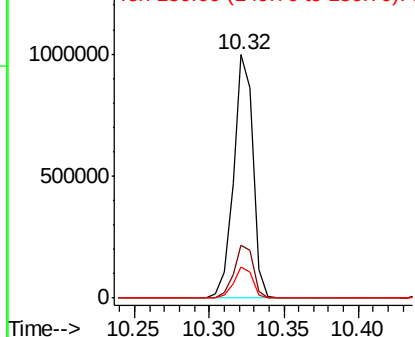


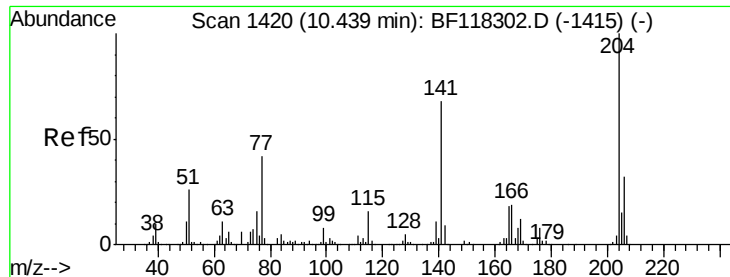
#60
Diethylphthalate
Concen: 48.350 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.9	26.9
150	12.8	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

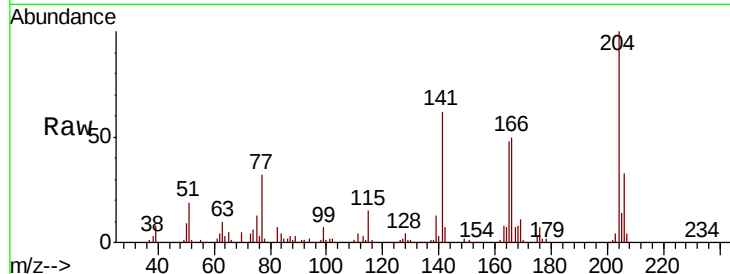




#61
4-Chlorophenyl-phenylether
Concen: 47.463 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	61.5	54.2	81.4

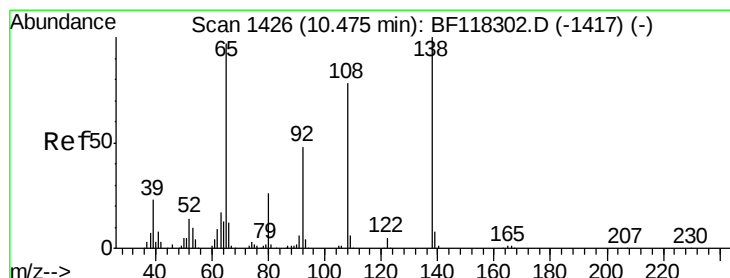
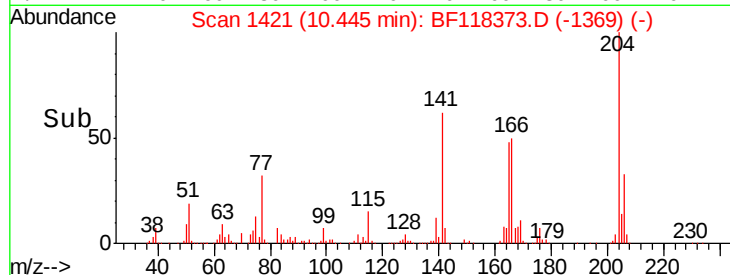
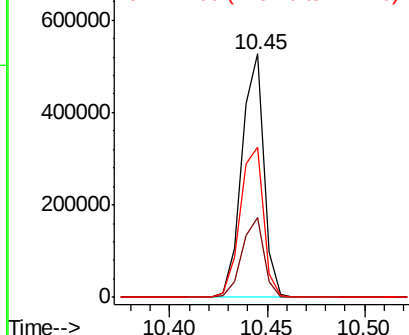


Abundance

Ion 204.00 (203.70 to 204.70): E

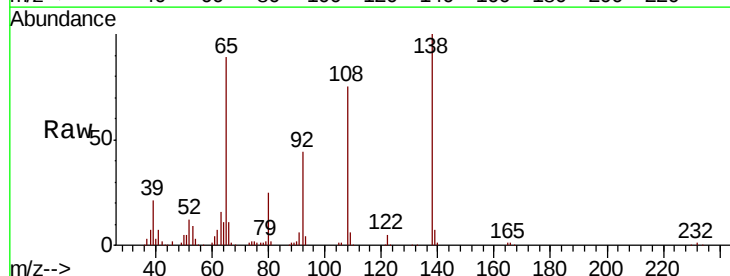
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.330 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	27.9	67.9
108	75.4	58.1	98.1

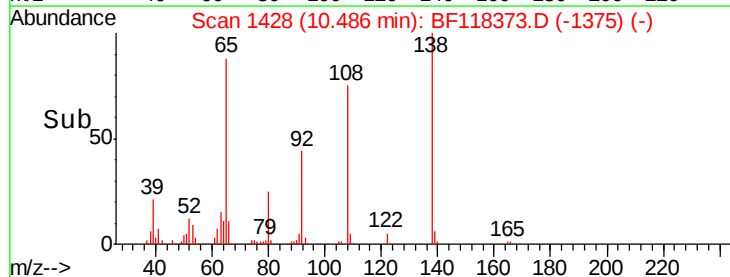
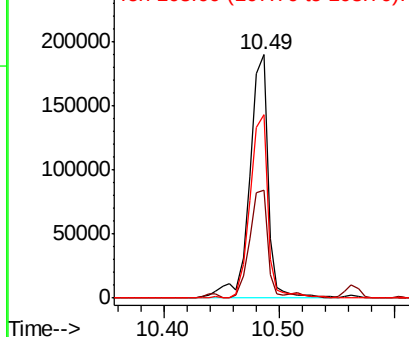


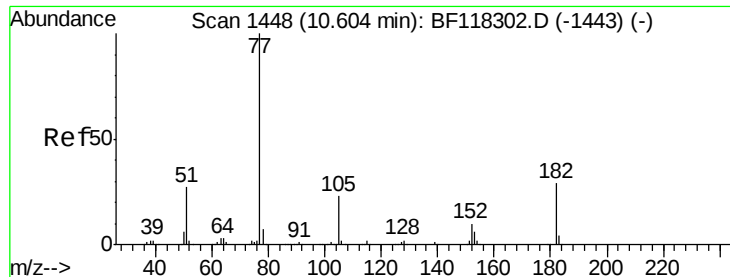
Abundance

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

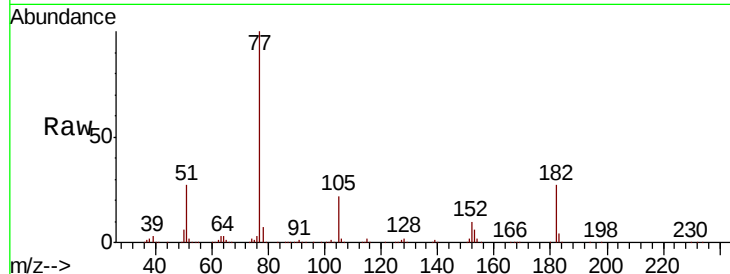




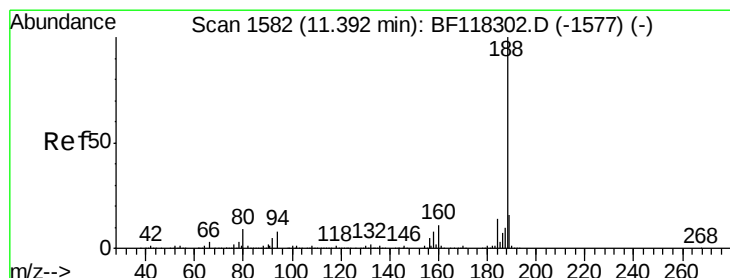
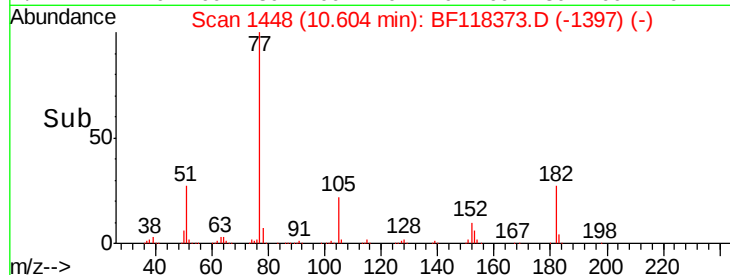
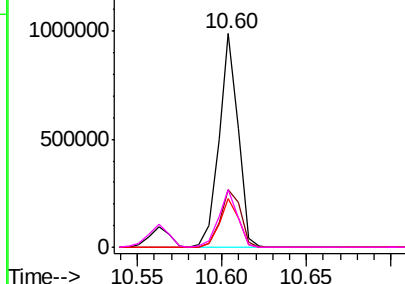
#63
Azobenzene
Concen: 48.002 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	9.2	49.2
105	22.5	3.2	43.2
51	27.0	7.1	47.1

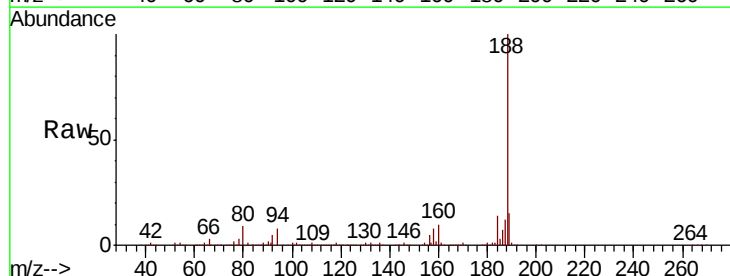


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

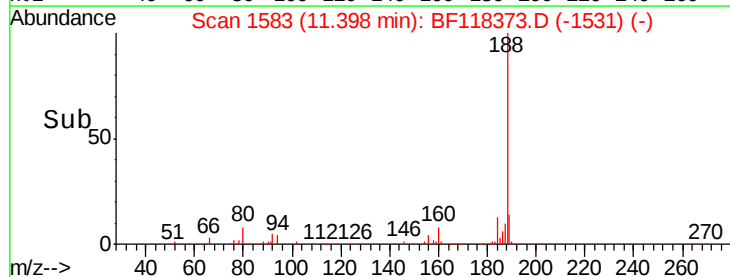
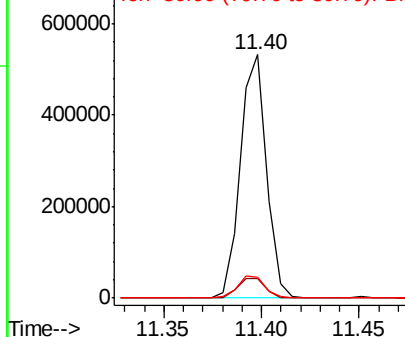


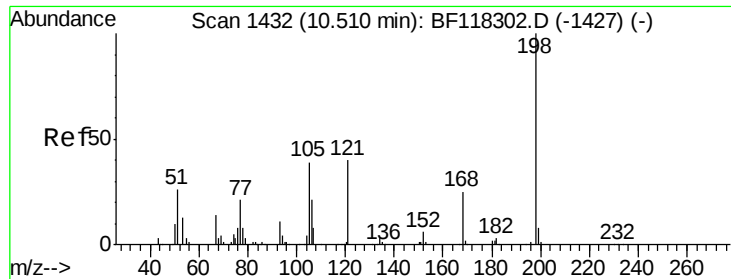
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.6	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

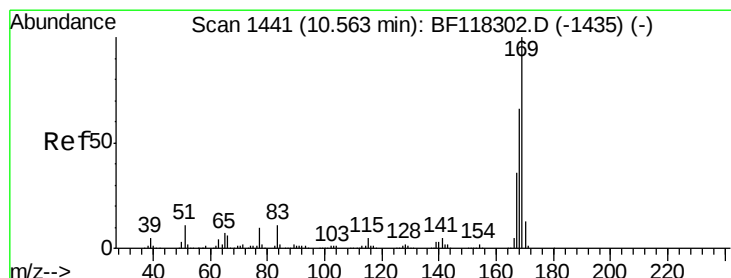
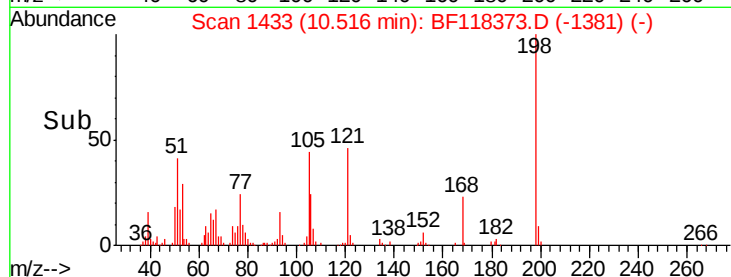
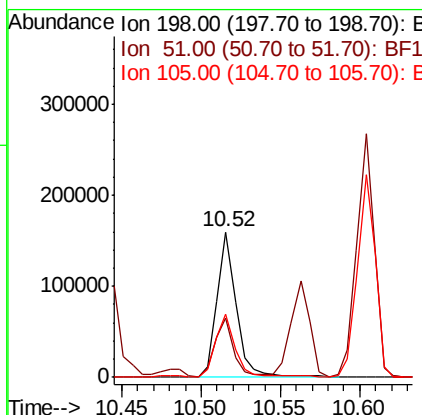
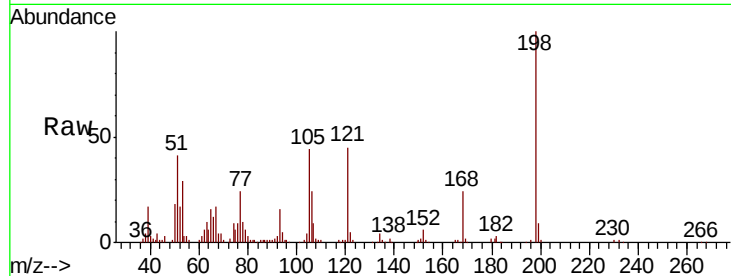




#65
4,6-Dinitro-2-methylphenol
Concen: 51.180 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

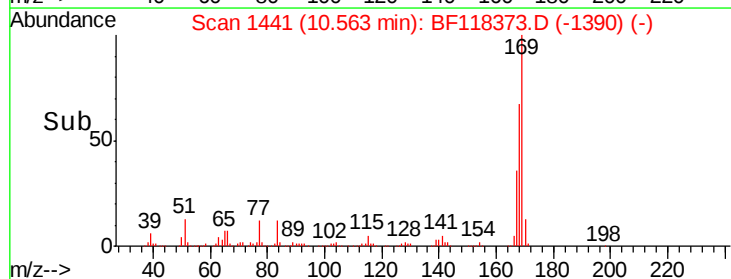
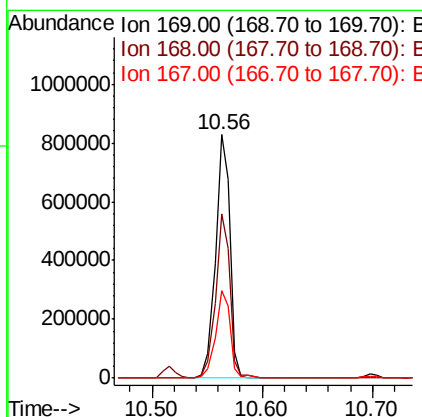
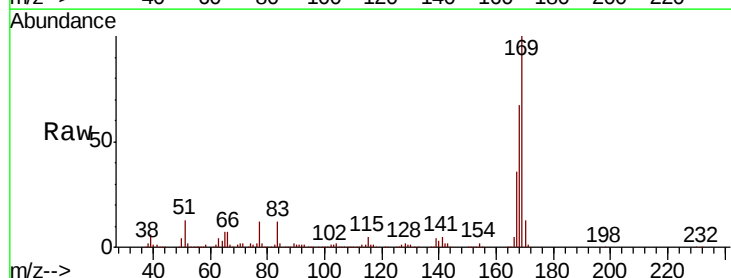
Instrument :
BNA_F
ClientSampleId :

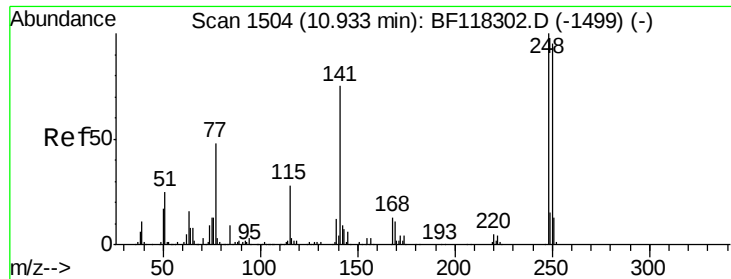
Tot Ion:198 Resp: 136514
Ion Ratio Lower Upper
198 100
51 40.5 12.8 52.8
105 43.5 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 46.645 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:169 Resp: 739174
Ion Ratio Lower Upper
169 100
168 67.4 52.6 79.0
167 35.8 28.4 42.6

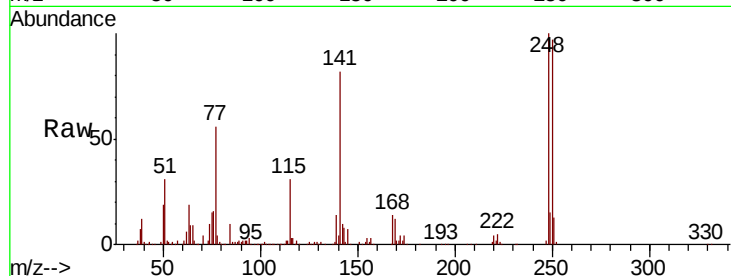




#67
4-Bromophenyl-phenylether
Concen: 45.203 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.4	114.6
141	82.3	60.2	90.2

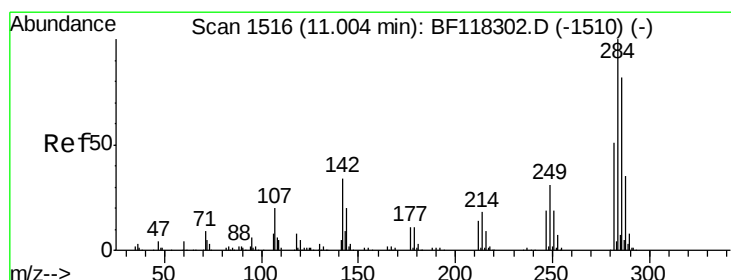
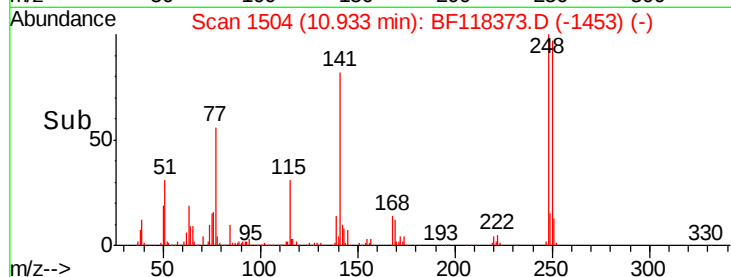
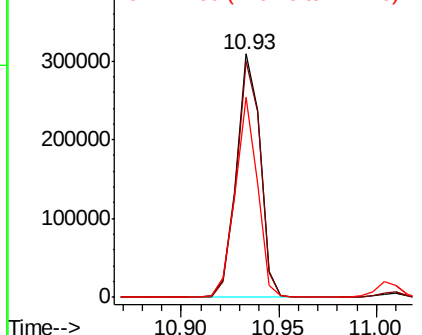


Abundance

Ion 248.00 (247.70 to 248.70): E

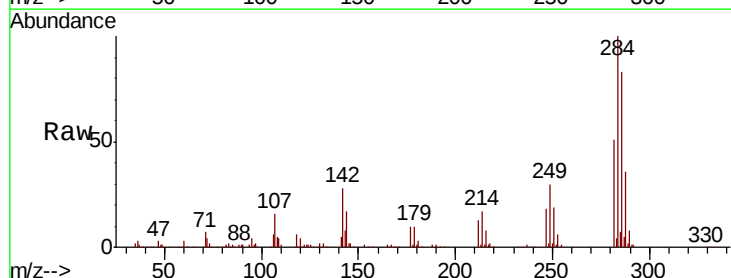
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.435 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	27.3	40.9
249	30.0	25.0	37.6

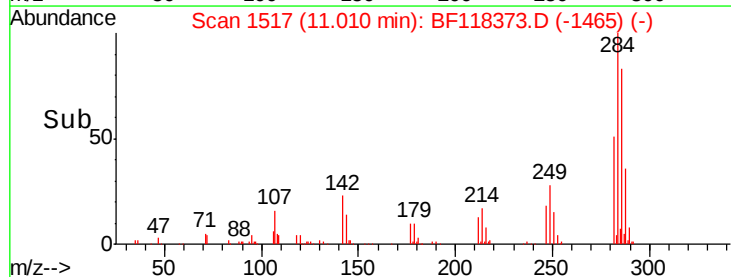
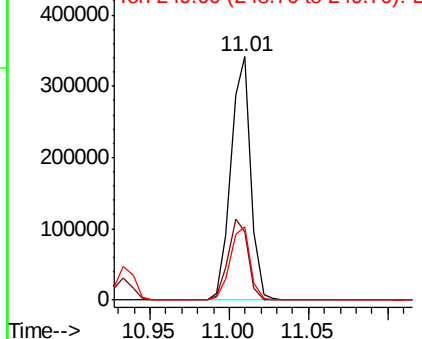


Abundance

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

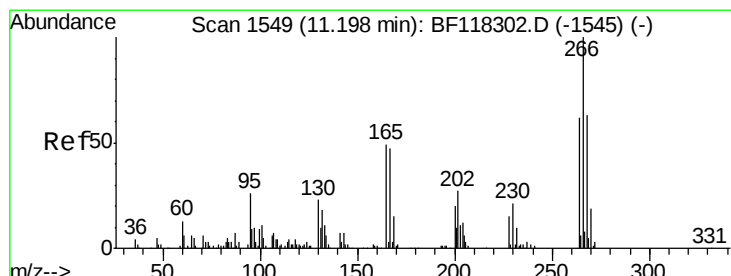
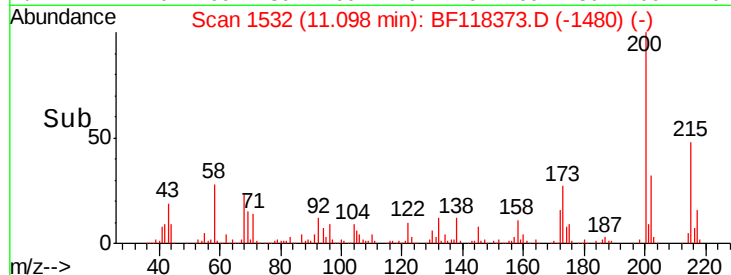
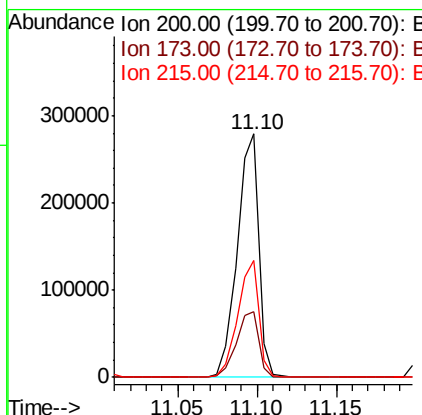
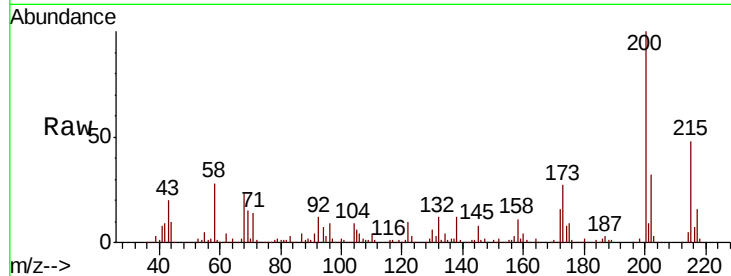




#69
Atrazine
Concen: 53.603 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

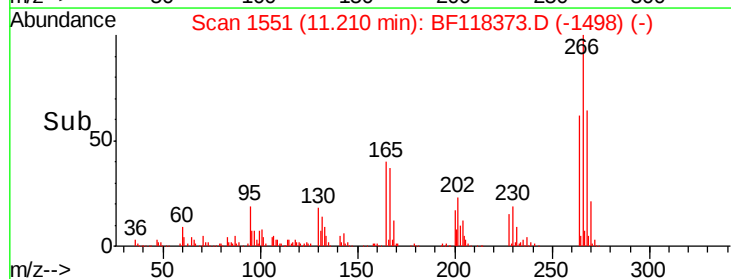
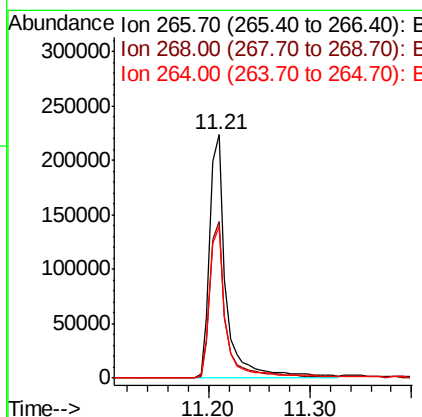
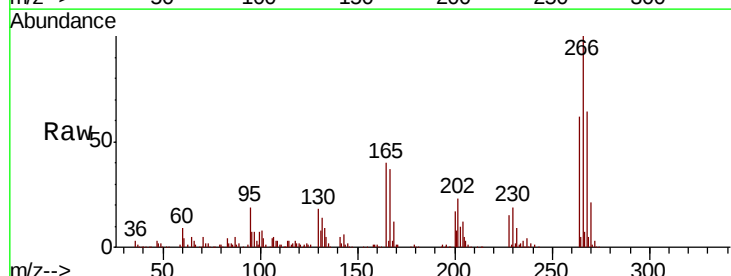
Instrument :
BNA_F
ClientSampleId :

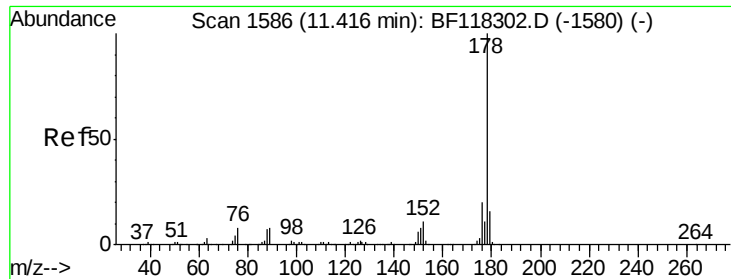
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	5.8	45.8
215	48.2	25.1	65.1



#70
Pentachlorophenol
Concen: 86.560 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.6	76.0
264	62.3	49.9	74.9

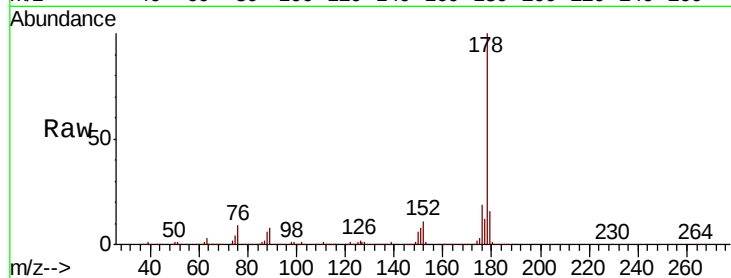




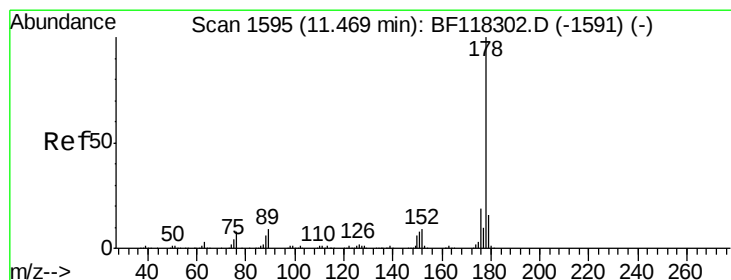
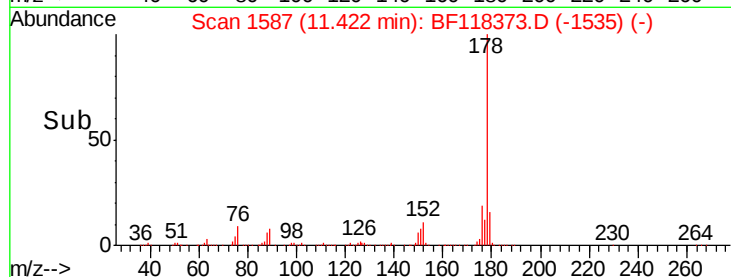
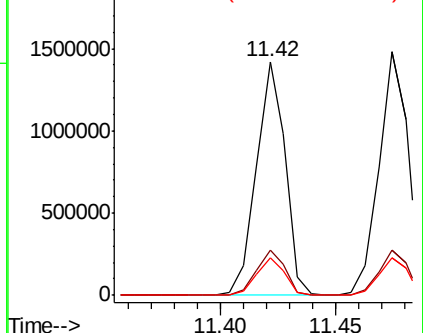
#71
Phenanthrene
Concen: 45.913 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1237545
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 16.2 12.6 19.0

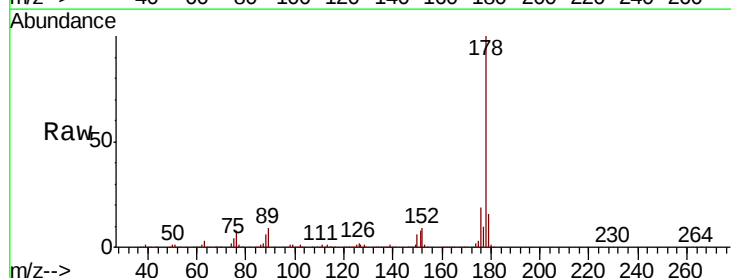


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

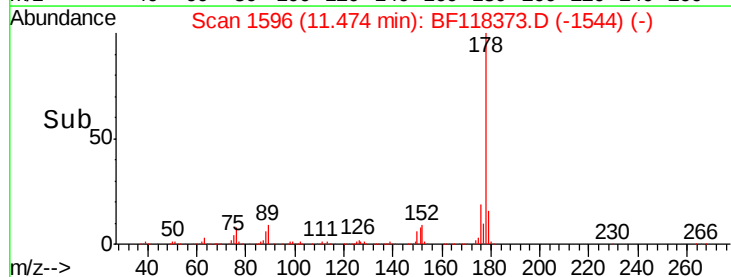
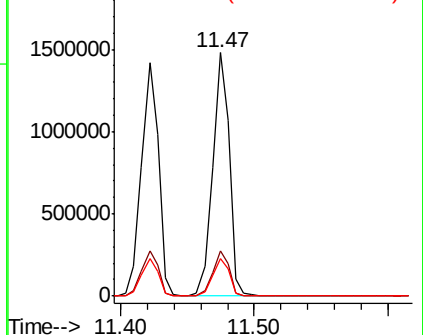


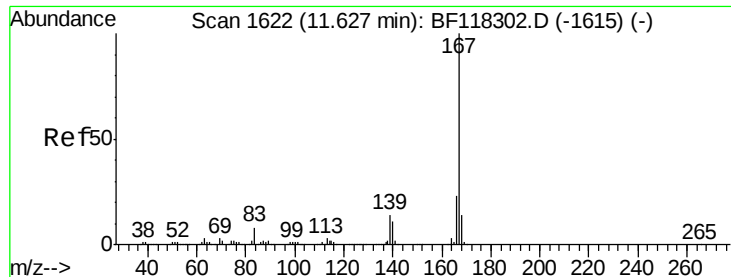
#72
Anthracene
Concen: 47.973 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion:178 Resp: 1294286
Ion Ratio Lower Upper
178 100
176 18.8 15.2 22.8
179 15.6 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



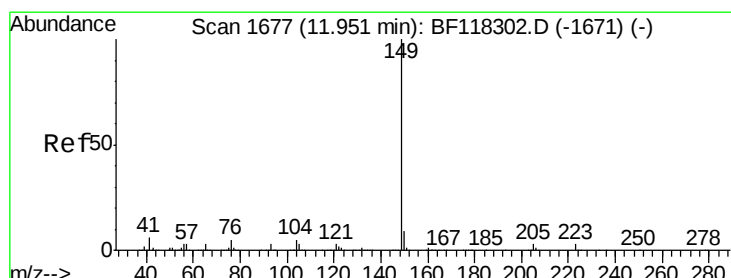
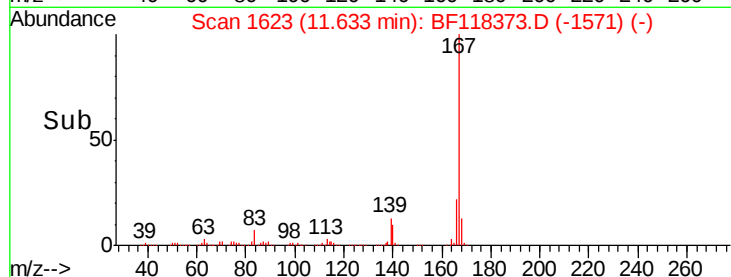
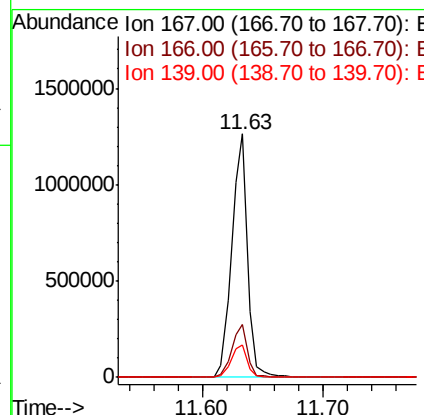
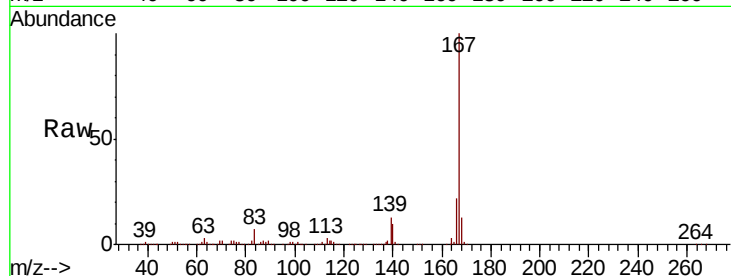


#73
 Carbazole
 Concen: 47.183 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1129572

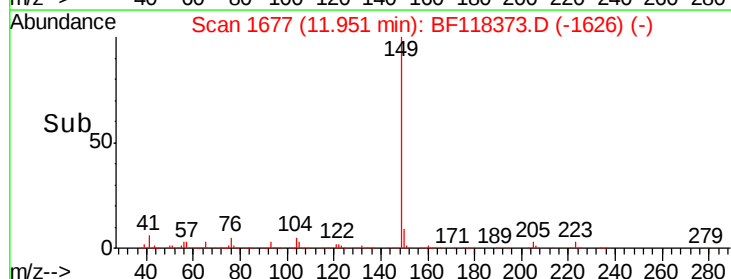
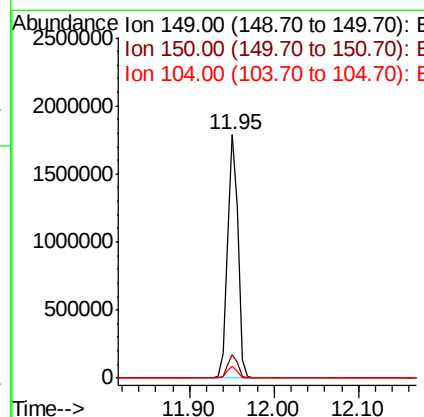
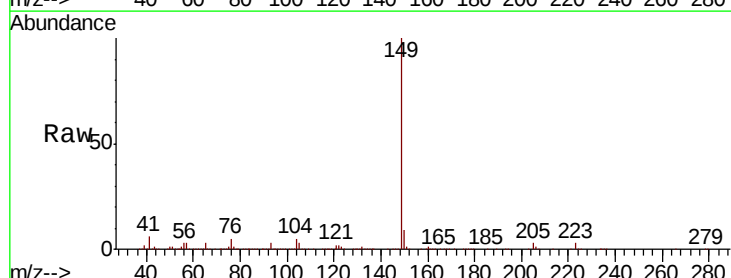
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	11.5	17.3

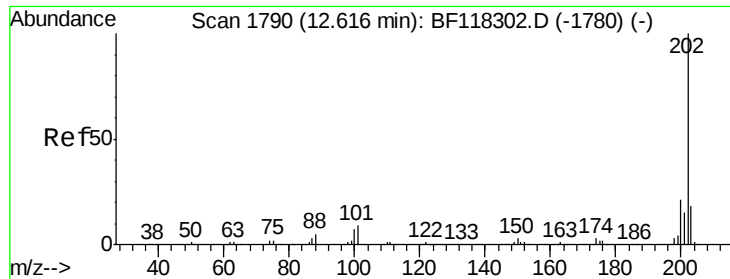


#74
 Di-n-butylphthalate
 Concen: 50.187 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BF118373.D
 Acq: 28 Dec 2019 18:58

Tgt Ion:149 Resp: 1523429

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 48.786 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

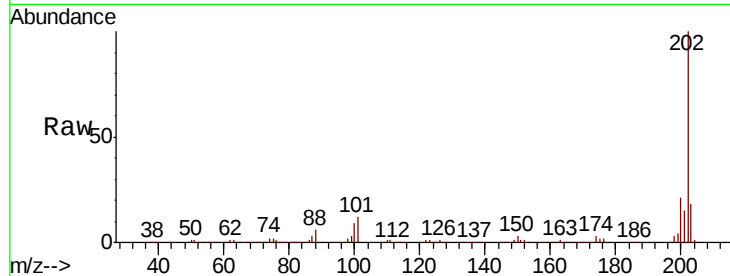
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1327126

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	29.5
203	18.3	0.0	37.6

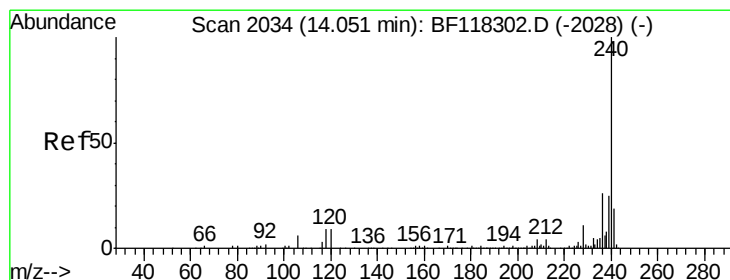
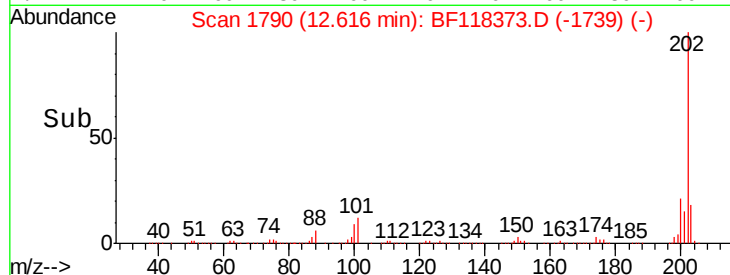
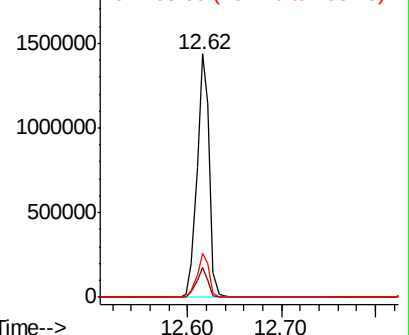


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

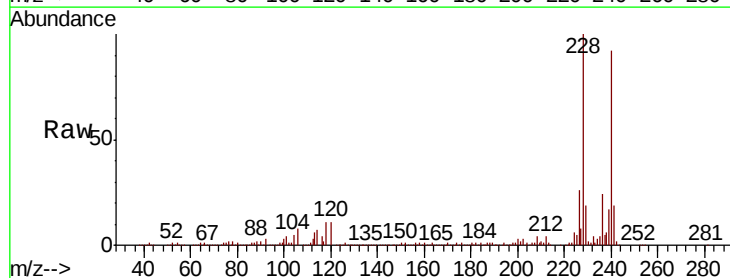
Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:240 Resp: 368654

Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.1	10.7#
236	25.7	21.0	31.6

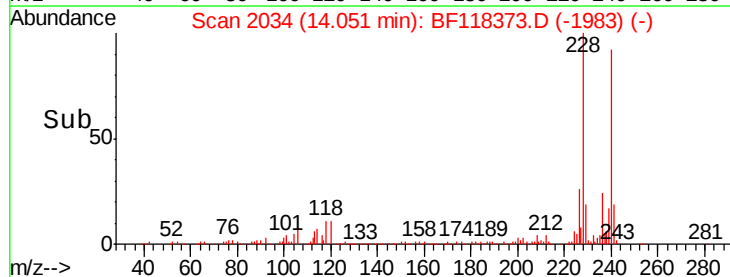
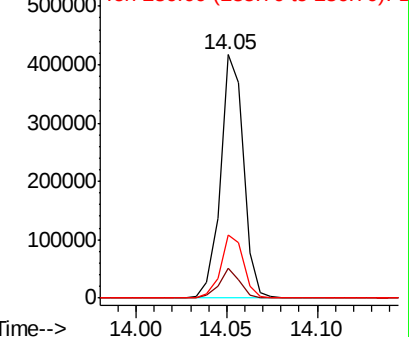


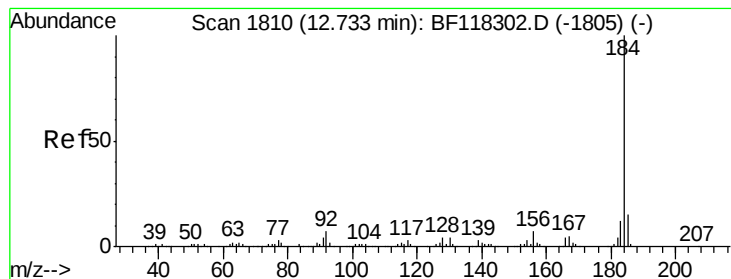
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.978 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampled :

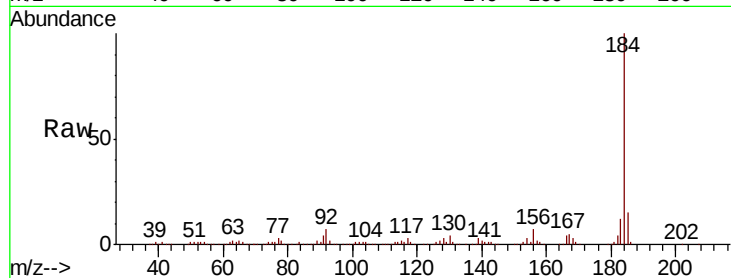
Tot Ion:184 Resp: 696768

Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

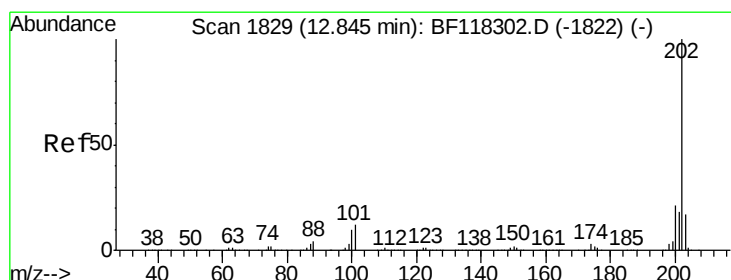
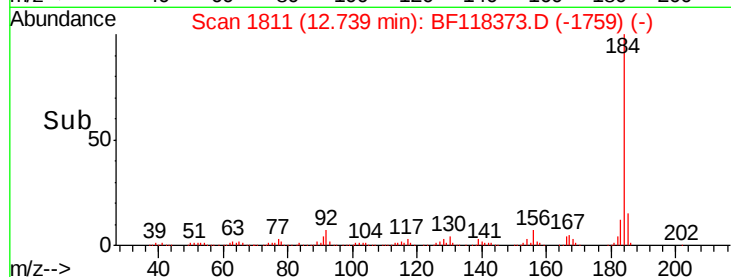
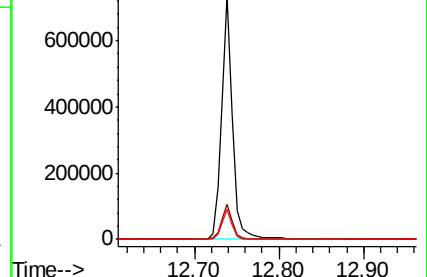
183 12.1 9.4 14.2



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: 44.070 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

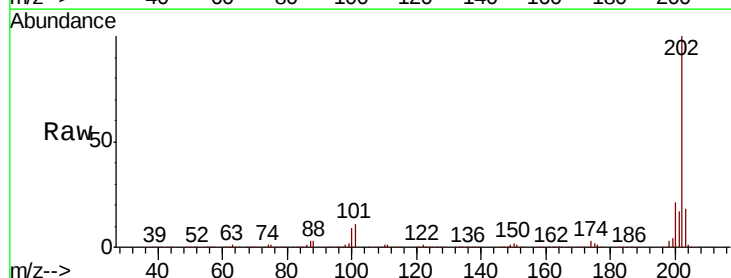
Tgt Ion:202 Resp: 1326720

Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

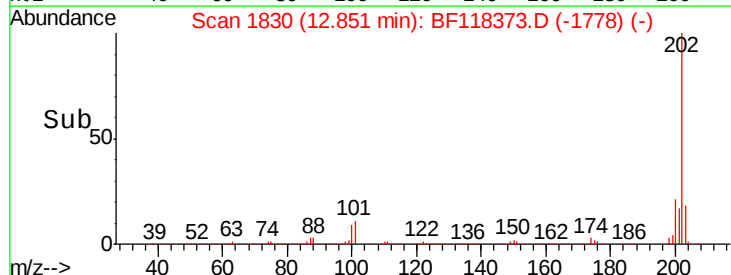
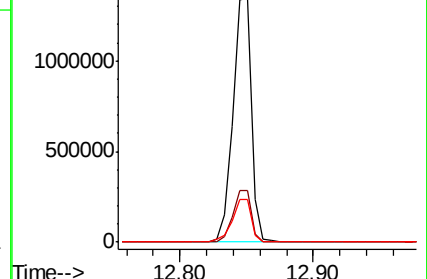
203 17.5 13.9 20.9

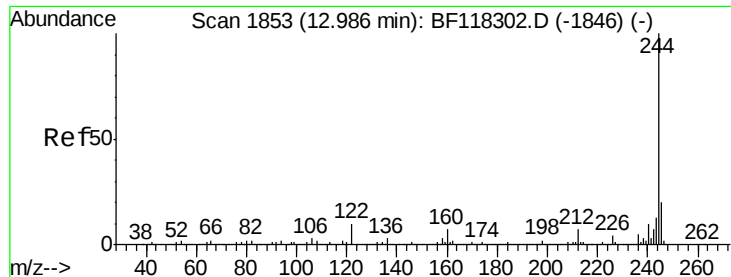


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.483 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampled :

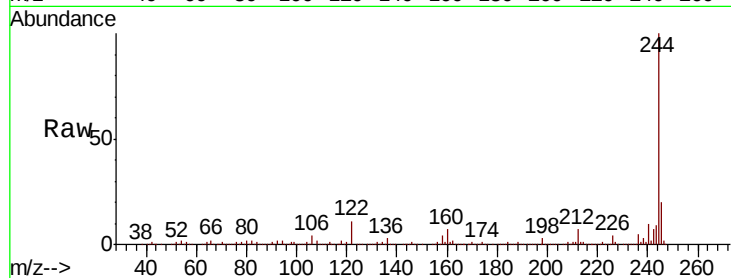
Tot Ion:244 Resp: 1810638

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

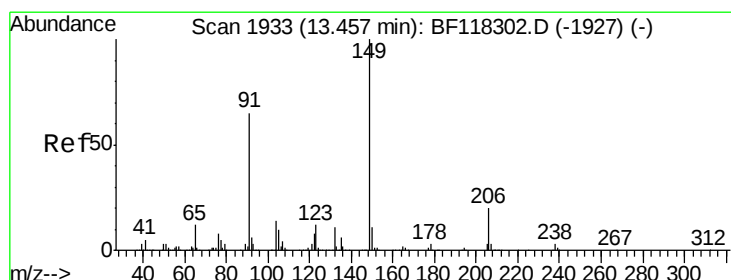
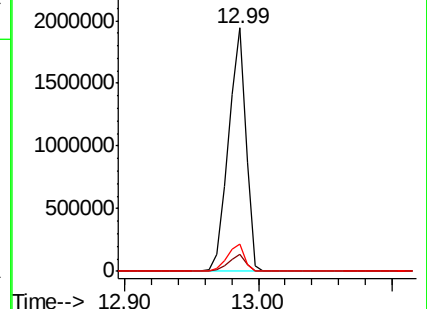
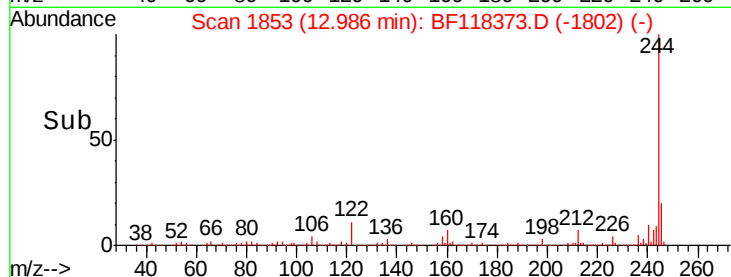
122 11.1 7.8 11.8



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: 47.561 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

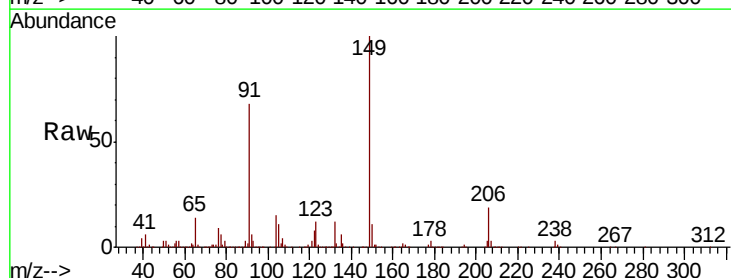
Tgt Ion:149 Resp: 644685

Ion Ratio Lower Upper

149 100

91 68.1 51.8 77.6

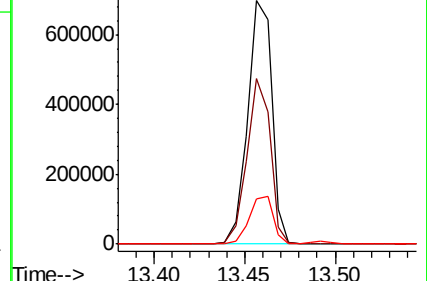
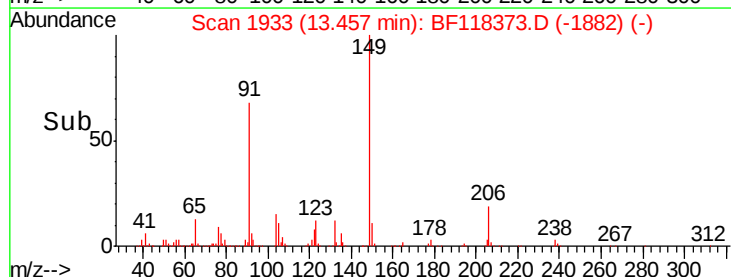
206 18.5 15.7 23.5

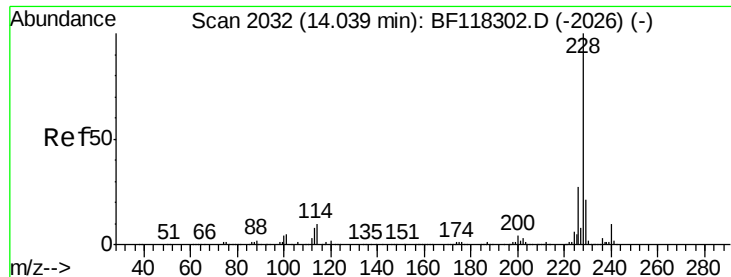


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.462 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

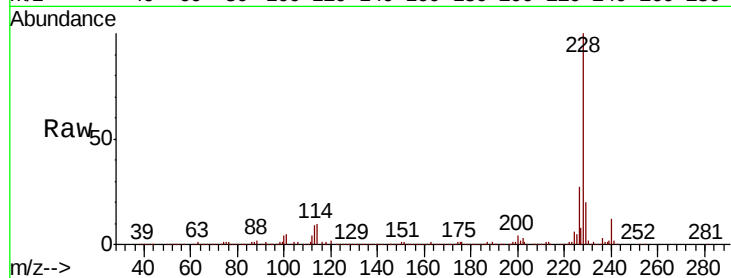
Tot Ion:228 Resp: 1198935

Ion Ratio Lower Upper

228 100

226 26.7 22.0 33.0

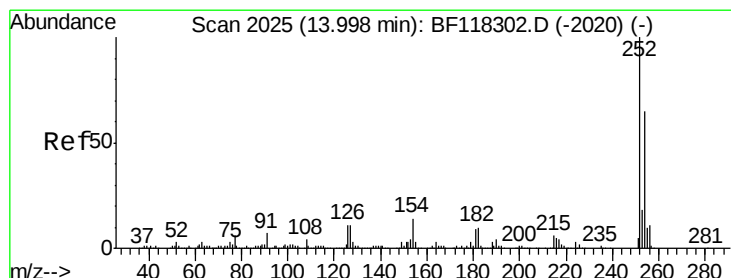
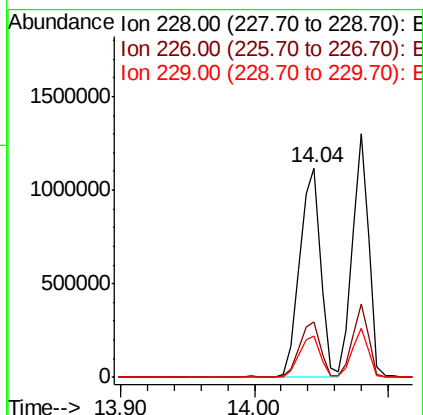
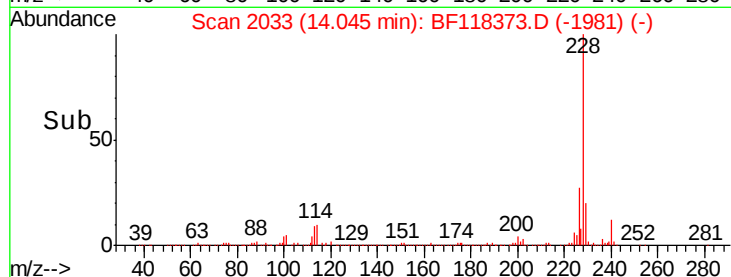
229 19.8 16.6 24.8



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: 31.948 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

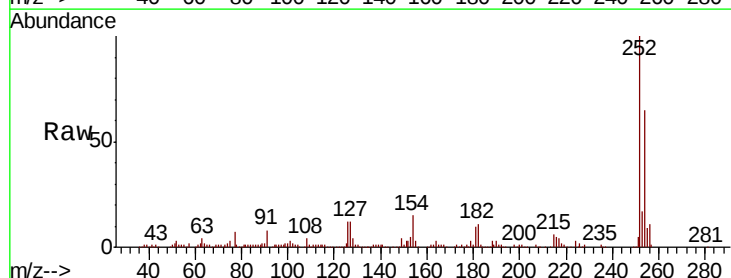
Tgt Ion:252 Resp: 279524

Ion Ratio Lower Upper

252 100

254 65.0 51.8 77.8

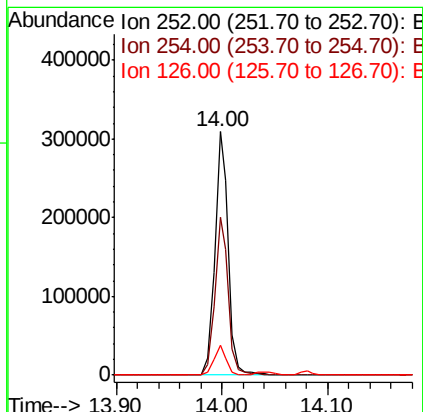
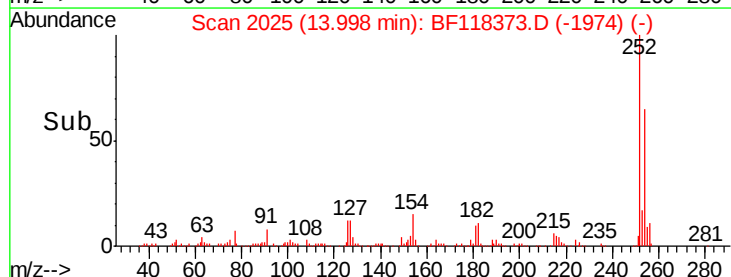
126 12.3 8.7 13.1

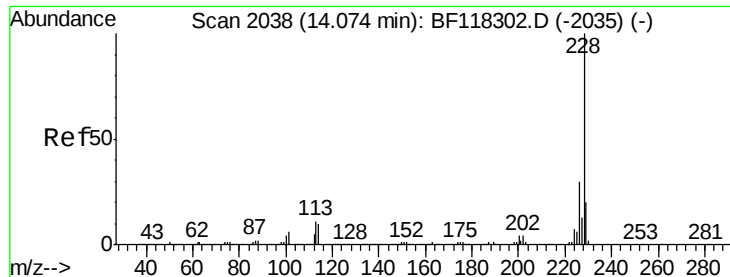


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.287 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

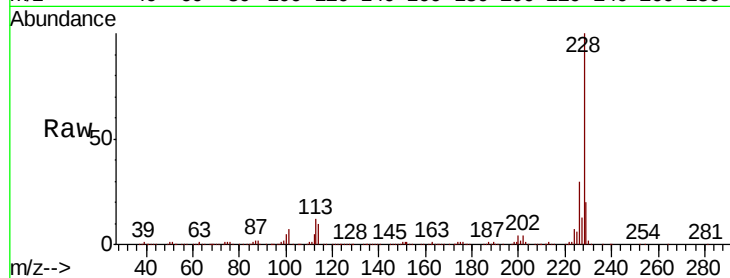
Tot Ion:228 Resp: 1118972

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

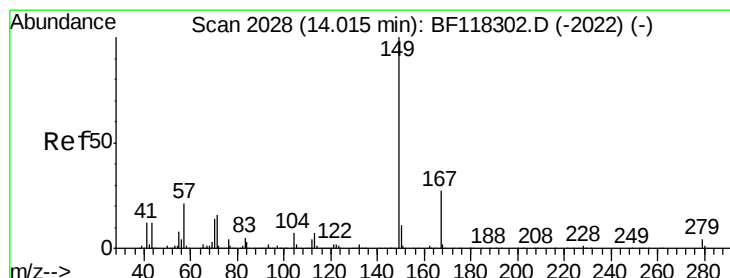
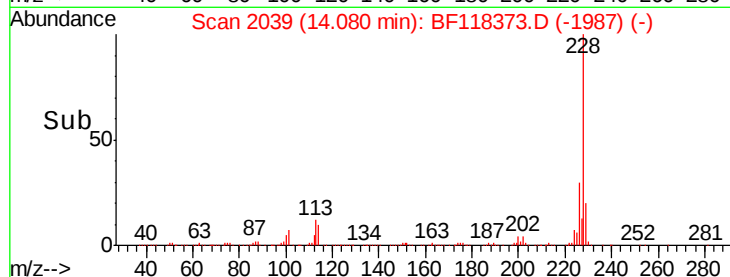
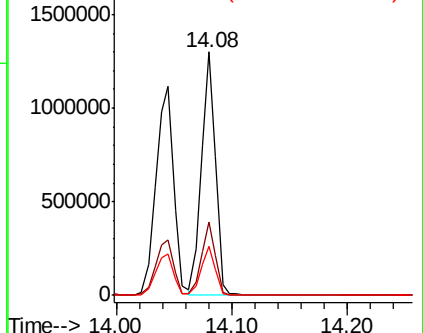
229 20.1 16.1 24.1



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: 53.154 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

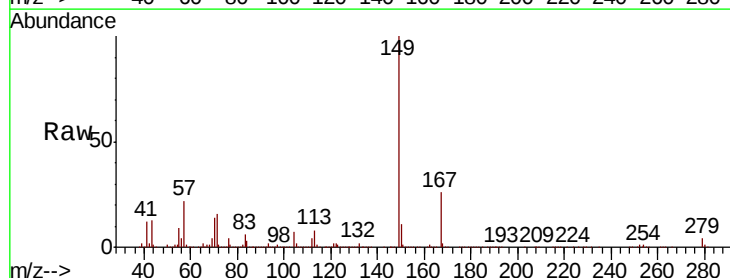
Tgt Ion:149 Resp: 947395

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

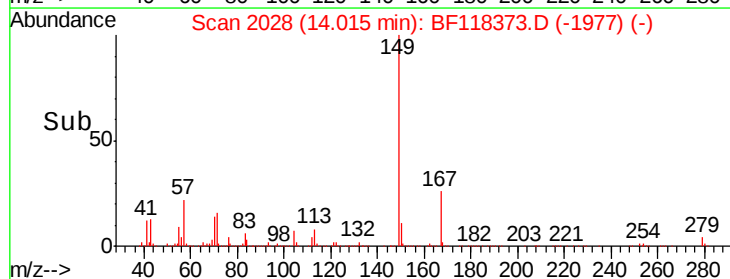
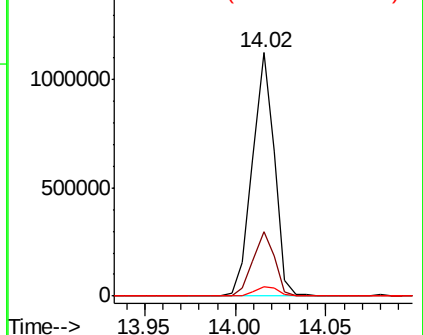
279 4.0 3.4 5.2

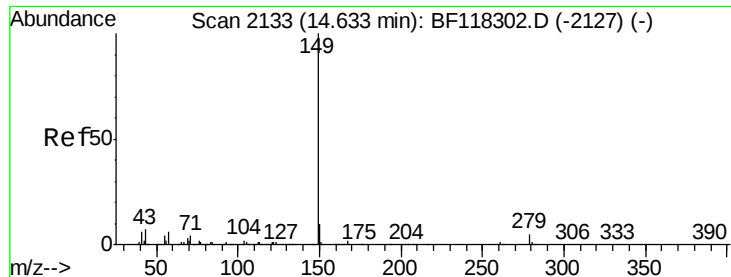


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.849 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

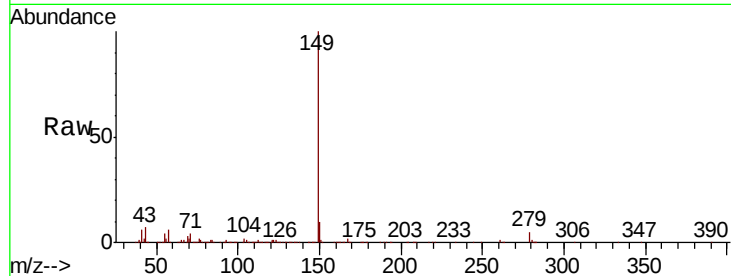
Tot Ion:149 Resp: 1516685

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

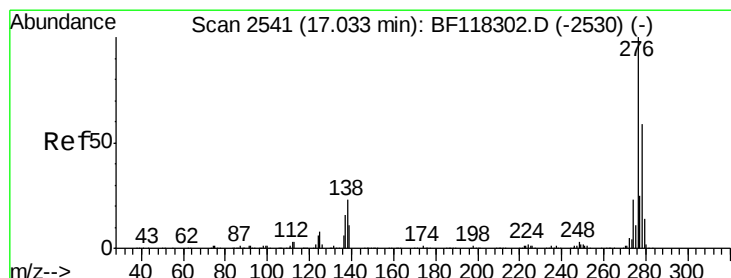
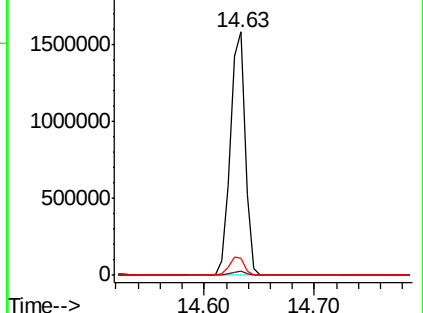
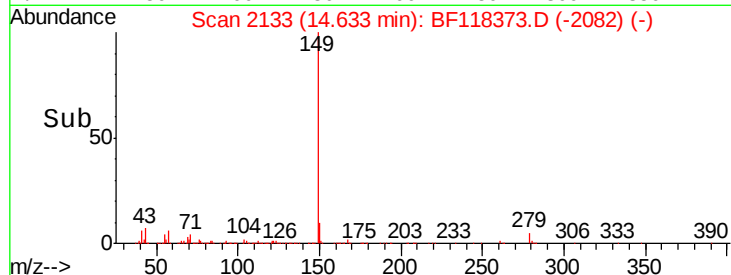
43 7.5 6.1 9.1



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: 50.589 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

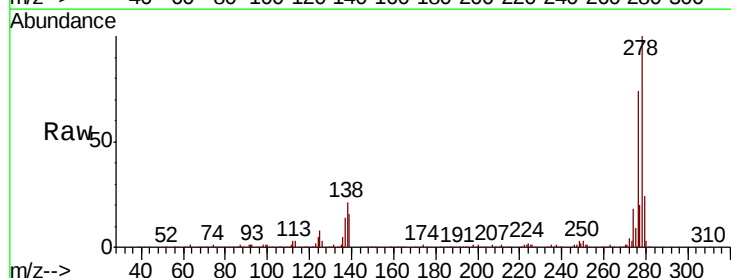
Tgt Ion:276 Resp: 1065062

Ion Ratio Lower Upper

276 100

138 24.4 19.5 29.3

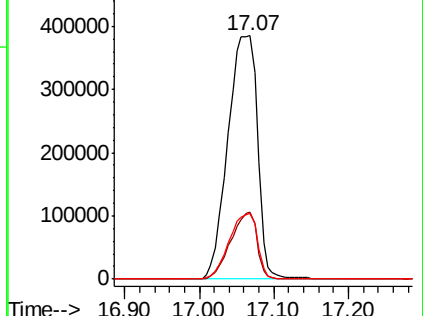
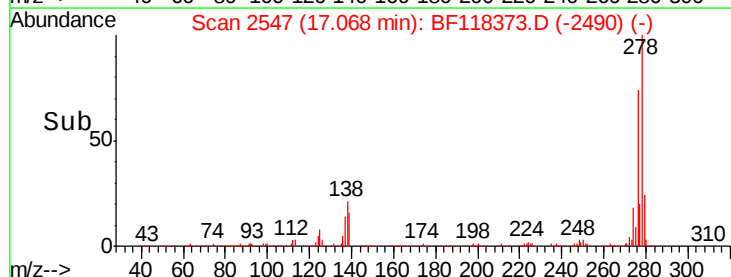
277 25.7 20.6 30.8

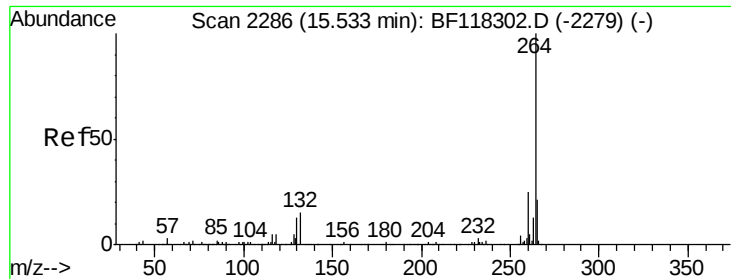


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

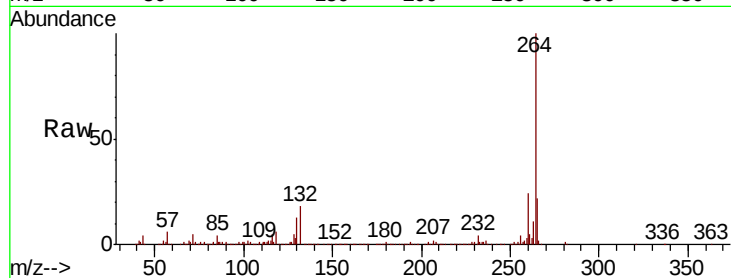




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.6
265	21.6	17.0	25.4

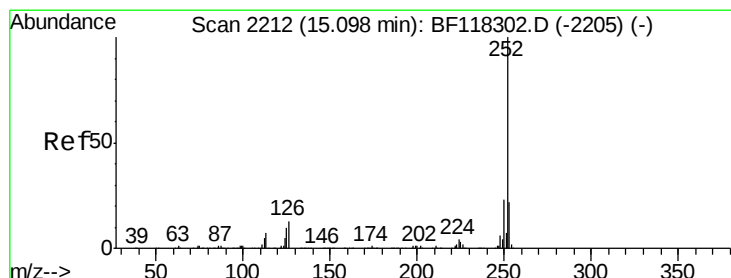
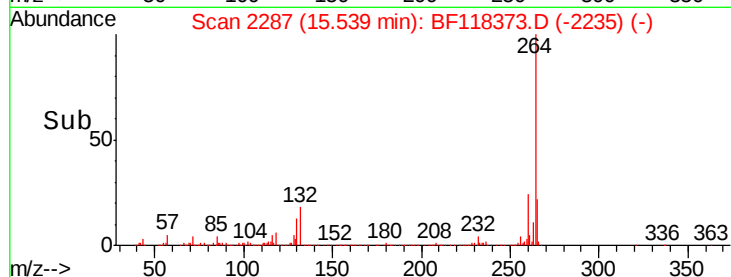
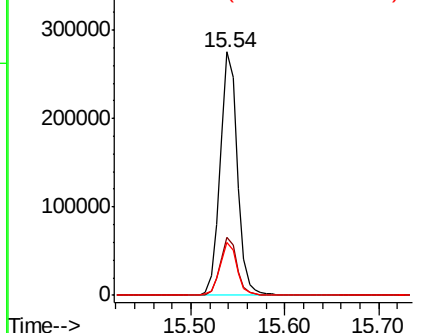


Abundance

Ion 264.00 (263.70 to 264.70): E

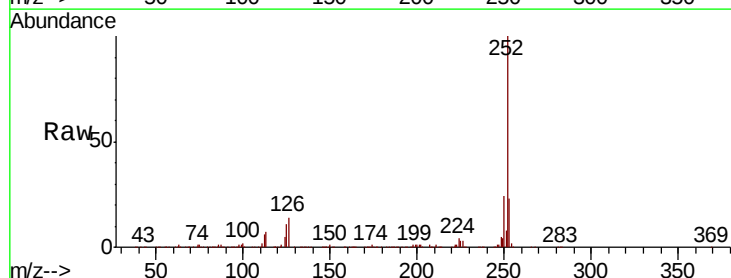
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.141 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF118373.D
Acq: 28 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.5	7.7	11.5

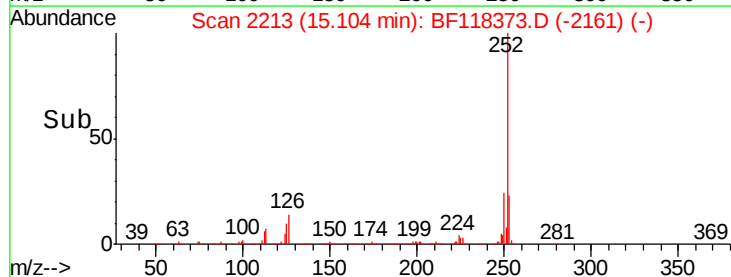
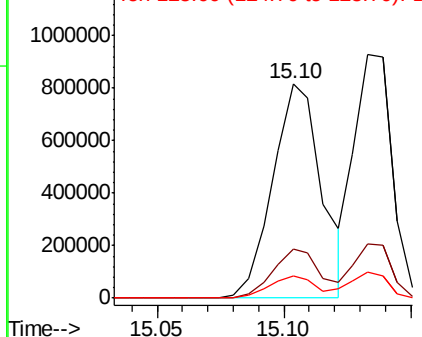


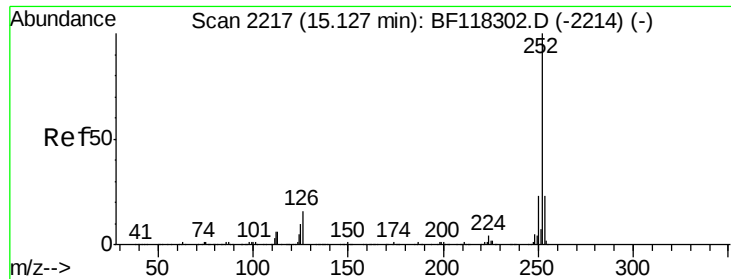
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.124 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Instrument :

BNA_F

ClientSampleId :

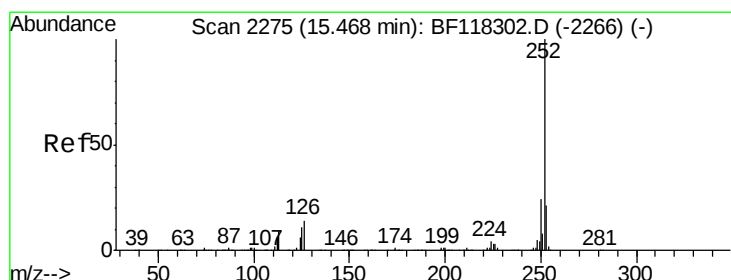
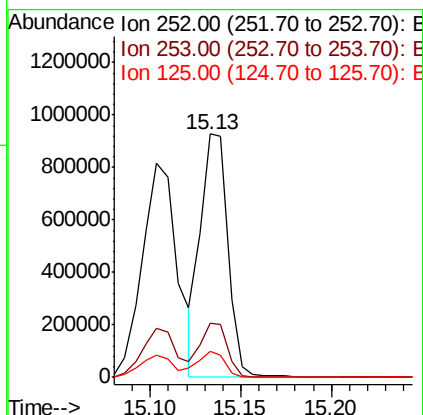
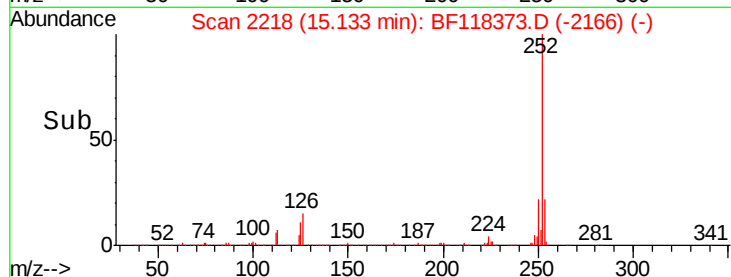
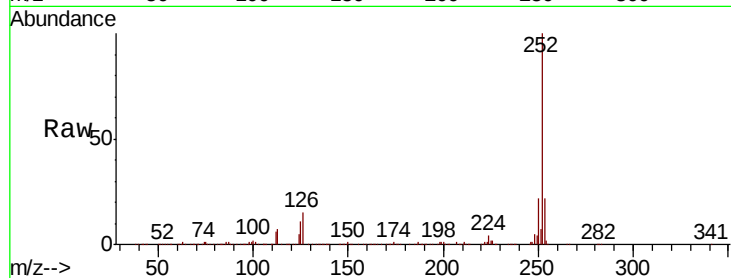
Tot Ion:252 Resp: 971551

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.8 8.0 12.0



#90

Benzo(a)pyrene

Concen: 44.916 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.01 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

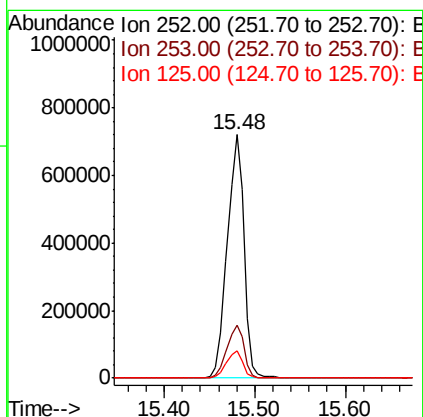
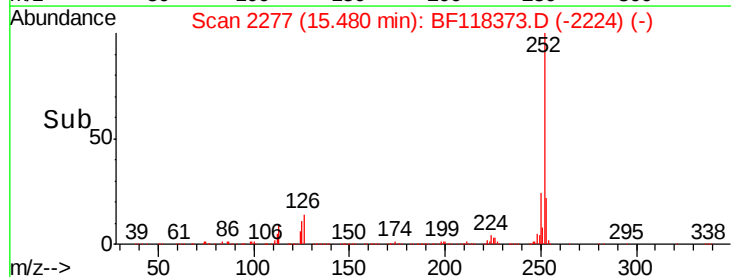
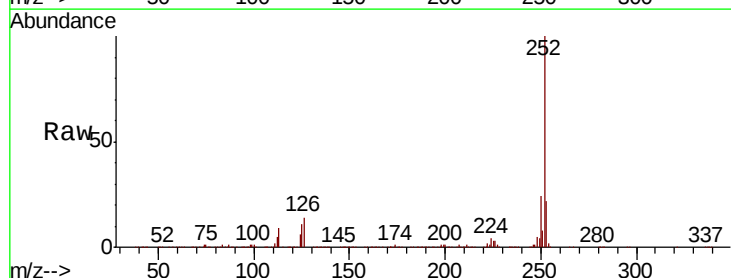
Tgt Ion:252 Resp: 928410

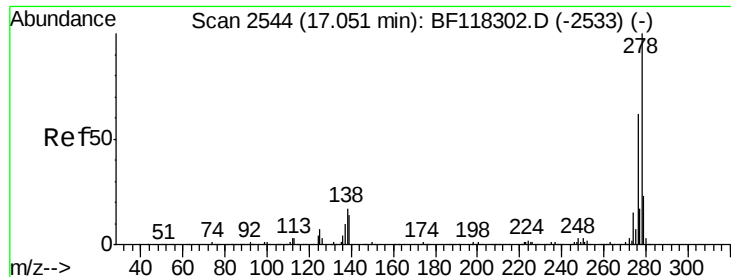
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 11.1 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 50.266 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

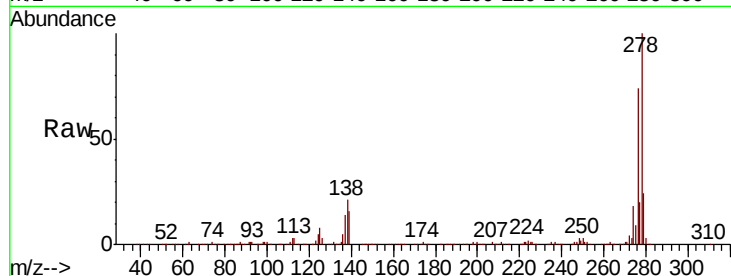
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 901614

Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	23.5	18.3	27.5

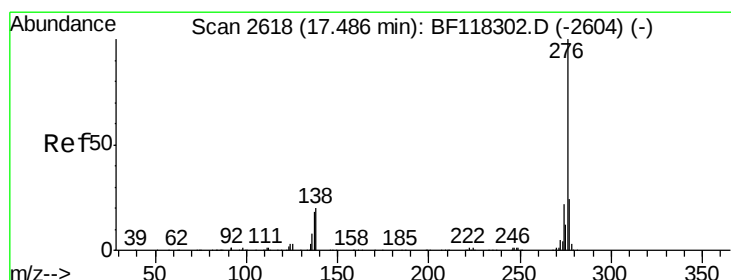
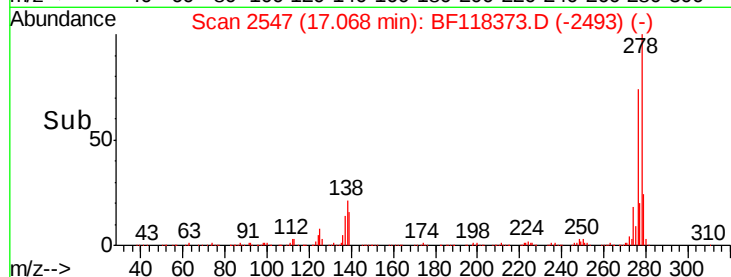
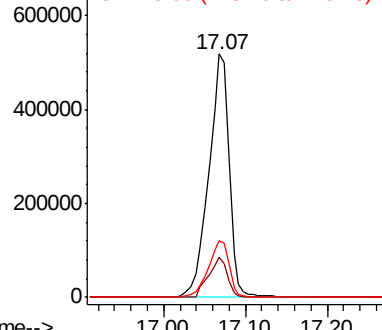


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 50.501 ng

RT: 17.52 min Scan# 2623

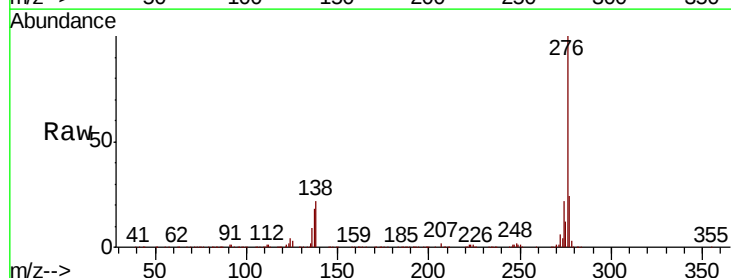
Delta R.T. 0.03 min

Lab File: BF118373.D

Acq: 28 Dec 2019 18:58

Tgt Ion:276 Resp: 875023

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.7	16.1	24.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

