

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118395.D
 Acq On : 30 Dec 2019 21:52
 Operator : JU
 Sample : K6456-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 31 00:42:02 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	150032	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	572019	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	291232	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	452135	20.00	ng	0.00
76) Chrysene-d12	14.06	240	290476	20.00	ng	0.00
87) Perylene-d12	15.55	264	278407	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	892096	101.50	ng	0.02
7) Phenol-d6	6.50	99	1134539	104.05	ng	0.01
23) Nitrobenzene-d5	7.42	82	691566	69.15	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	331308	92.12	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1400030	73.38	ng	0.00
79) Terphenyl-d14	12.99	244	1217041	69.51	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	126618	36.238	ng	98
3) Pyridine	3.41	79	309536	33.251	ng	98
4) n-Nitrosodimethylamine	3.37	42	149648	38.881	ng	97
6) Aniline	6.52	93	267640	19.331	ng	91
8) 2-Chlorophenol	6.65	128	424048	42.599	ng	98
9) Benzaldehyde	6.40	77	231077	36.148	ng	97
10) Phenol	6.51	94	500801	40.865	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	368536	42.050	ng	97
12) 1,3-Dichlorobenzene	6.80	146	457631	39.917	ng	98
13) 1,4-Dichlorobenzene	6.87	146	464453	39.885	ng	99
14) 1,2-Dichlorobenzene	7.03	146	436774	39.728	ng	99
15) Benzyl Alcohol	7.00	79	338860	40.818	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	376173	40.223	ng	62
17) 2-Methylphenol	7.12	107	332636	41.662	ng	96
18) Hexachloroethane	7.36	117	156080	36.520	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	275154	40.965	ng	99
20) 3+4-Methylphenols	7.27	107	429785	42.060	ng	# 79
22) Acetophenone	7.27	105	567052	40.447	ng	# 98
24) Nitrobenzene	7.45	77	407799	40.705	ng	93
25) Isophorone	7.68	82	745692	42.782	ng	98
26) 2-Nitrophenol	7.76	139	226333	42.652	ng	96
27) 2,4-Dimethylphenol	7.80	122	362780	50.107	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	477462	41.886	ng	99
29) 2,4-Dichlorophenol	8.01	162	352111	42.253	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	394982	40.689	ng	96
31) Naphthalene	8.16	128	1210821	41.647	ng	99
32) Benzoic acid	7.95	122	189649	33.028	ng	92
33) 4-Chloroaniline	8.22	127	107951	8.661	ng	98
34) Hexachlorobutadiene	8.27	225	230911	39.961	ng	99
35) Caprolactam	8.60	113	85257	32.770	ng	92
36) 4-Chloro-3-methylphenol	8.71	107	366520	40.965	ng	96
37) 2-Methylnaphthalene	8.86	142	841459	42.272	ng	100
38) 1-Methylnaphthalene	8.96	142	774424	41.294	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	363047	41.490	ng	99

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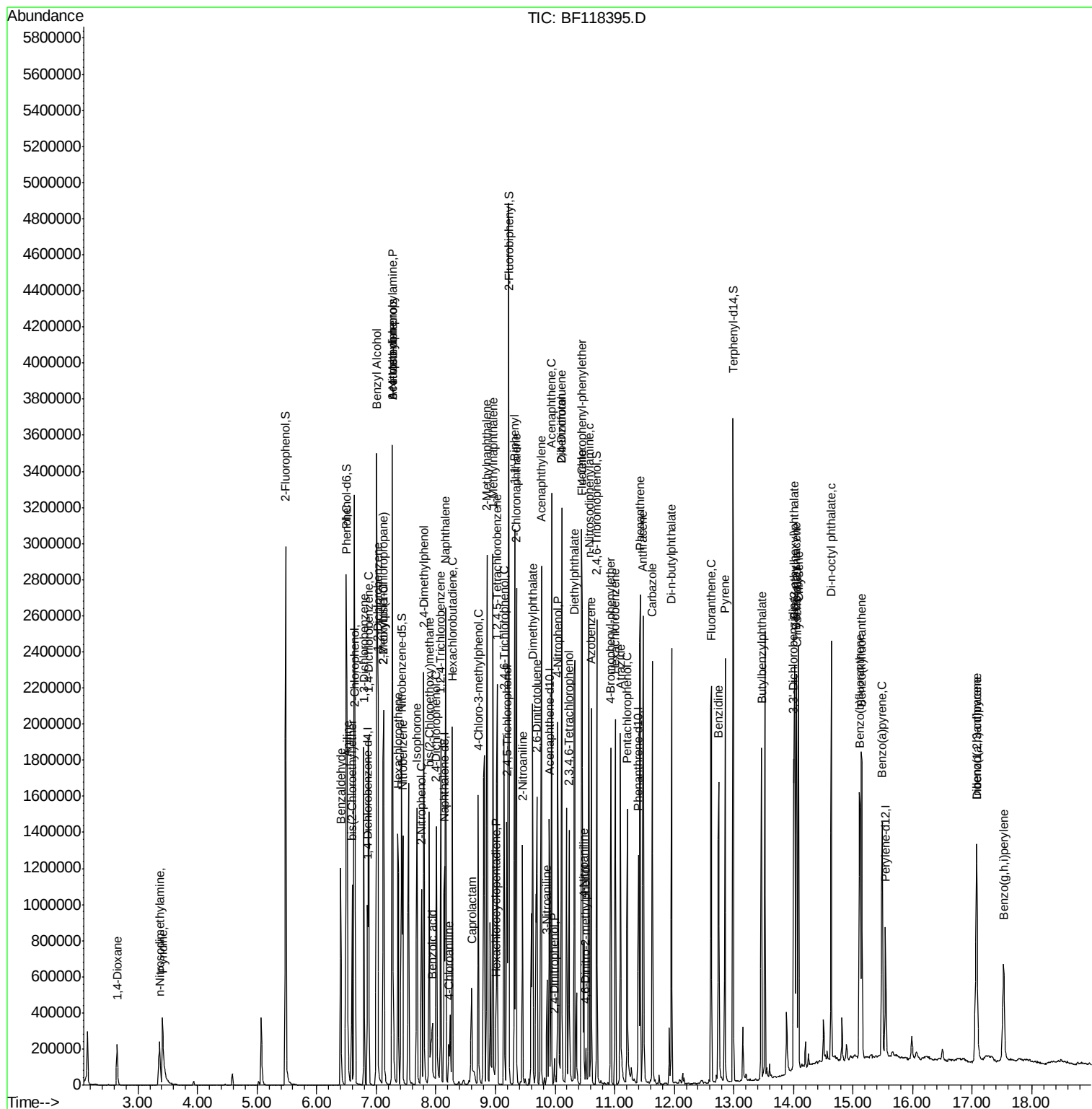
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	44625	19.782	ng	96
43) 2,4,6-Trichlorophenol	9.15	196	245788	42.045	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	253584	42.168	ng	99
46) 1,1'-Biphenyl	9.32	154	981430	42.606	ng	99
47) 2-Chloronaphthalene	9.35	162	748950	40.398	ng	99
48) 2-Nitroaniline	9.45	65	206241	39.385	ng	99
49) Acenaphthylene	9.77	152	1153314	41.945	ng	99
50) Dimethylphthalate	9.62	163	1003180	45.889	ng	99
51) 2,6-Dinitrotoluene	9.69	165	197017	41.802	ng	98
52) Acenaphthene	9.94	154	671829	40.114	ng	99
53) 3-Nitroaniline	9.86	138	98725	17.847	ng	87
54) 2,4-Dinitrophenol	9.99	184	27236	15.903	ng	97
55) Dibenzofuran	10.11	168	1002602	40.515	ng	96
56) 4-Nitrophenol	10.05	139	253590	74.259	ng	93
57) 2,4-Dinitrotoluene	10.10	165	245520	38.986	ng	86
58) Fluorene	10.46	166	785769	39.334	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	194409	38.048	ng	99
60) Diethylphthalate	10.33	149	915945	42.352	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	408860	40.999	ng	98
62) 4-Nitroaniline	10.49	138	163497	28.451	ng	93
63) Azobenzene	10.61	77	739989	39.946	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	28200	11.562	ng	97
66) n-Nitrosodiphenylamine	10.57	169	712164	49.146	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	242752	45.878	ng	94
68) Hexachlorobenzene	11.01	284	256700	41.215	ng	98
69) Atrazine	11.10	200	236319	52.840	ng	97
70) Pentachlorophenol	11.21	266	202397	75.035	ng	98
71) Phenanthrene	11.43	178	1022056	41.466	ng	98
72) Anthracene	11.47	178	1053802	42.714	ng	98
73) Carbazole	11.63	167	887996	40.563	ng	99
74) Di-n-butylphthalate	11.96	149	1321161	47.596	ng	100
75) Fluoranthene	12.62	202	912780	36.694	ng	99
77) Benzidine	12.75	184	745561	93.673	ng	98
78) Pyrene	12.85	202	906048	38.197	ng	100
80) Butylbenzylphthalate	13.46	149	455921	42.688	ng	94
81) Benzo(a)anthracene	14.04	228	836416	41.137	ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	331118	48.031	ng	100
83) Chrysene	14.09	228	797196	40.947	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	668150	47.576	ng	99
85) Di-n-octyl phthalate	14.63	149	1110283	53.745	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	615345	37.095	ng	100
88) Benzo(b)fluoranthene	15.11	252	788920	42.689	ng	99
89) Benzo(k)fluoranthene	15.14	252	726457	40.939	ng	97
90) Benzo(a)pyrene	15.49	252	644127	39.566	ng	98
91) Dibenzo(a,h)anthracene	17.08	278	533493	37.763	ng	99
92) Benzo(g,h,i)perylene	17.53	276	487501	35.722	ng	99

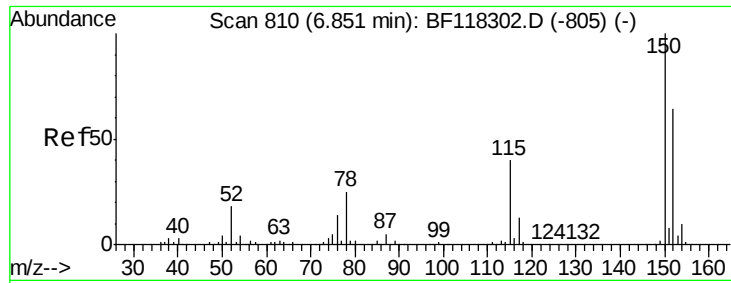
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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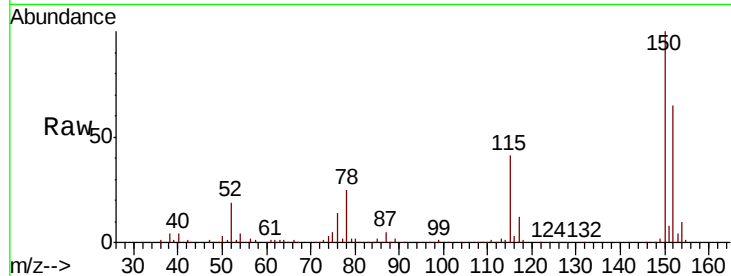


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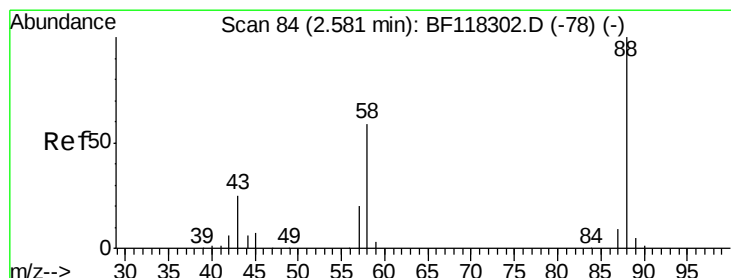
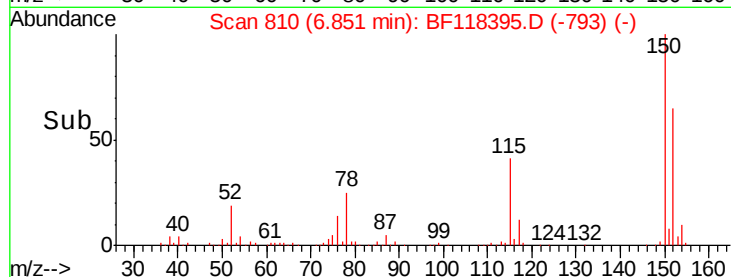
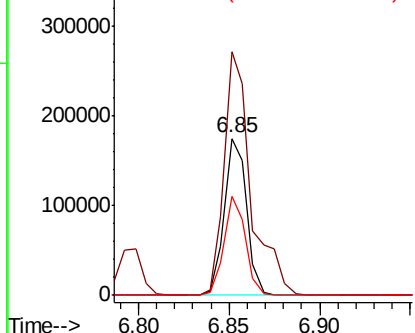
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150032
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 62.8 50.2 75.4



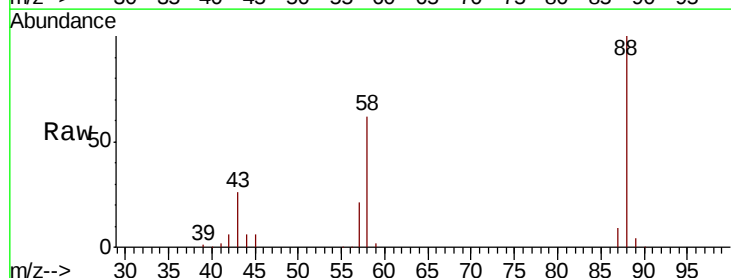
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



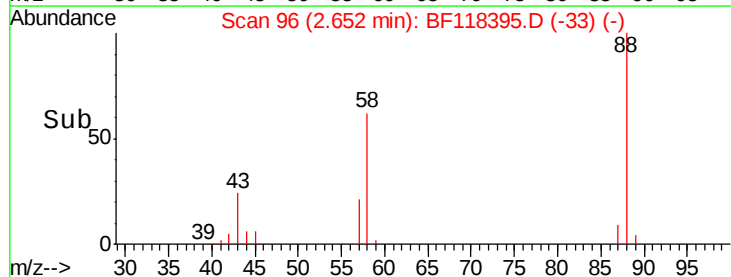
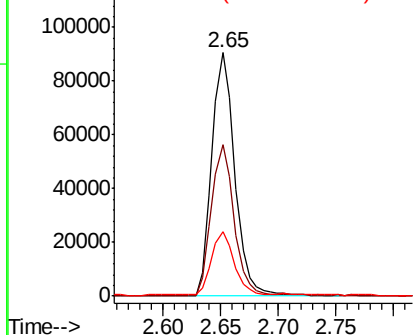
#2

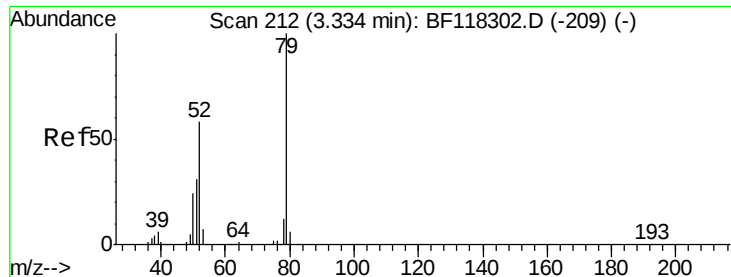
1,4-Dioxane
Concen: 36.238 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.07 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion: 88 Resp: 126618
Ion Ratio Lower Upper
88 100
58 61.9 47.6 71.4
43 25.4 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: 33.251 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.08 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

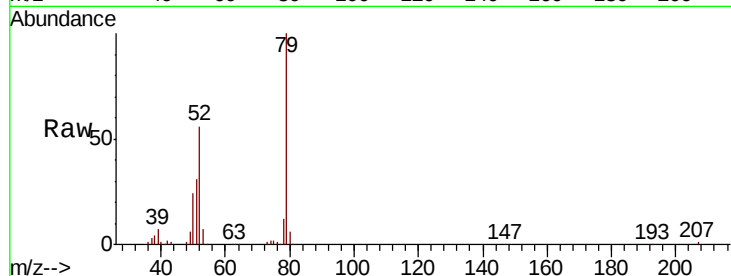
Tot Ion: 79 Resp: 309536

Ion Ratio Lower Upper

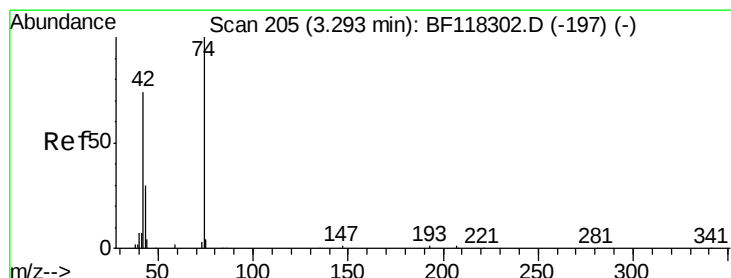
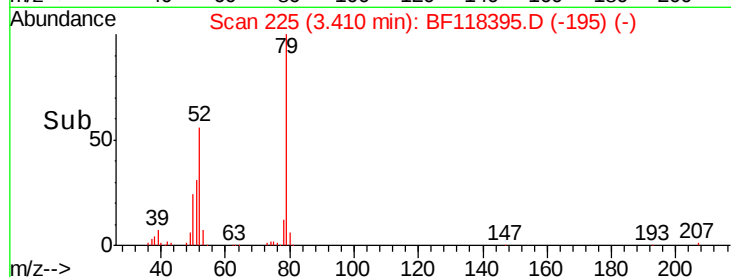
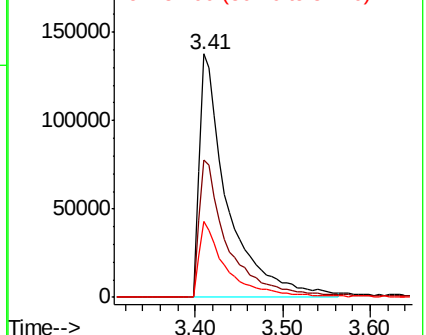
79 100

52 56.2 46.4 69.6

51 30.9 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.881 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.08 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

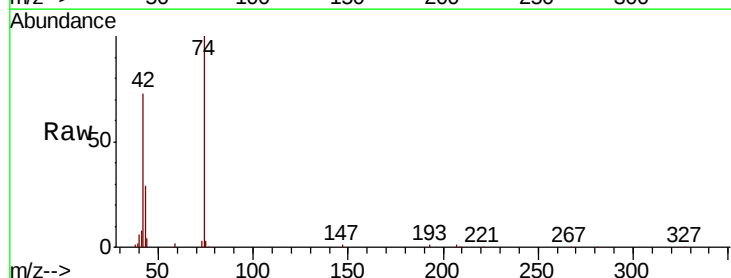
Tgt Ion: 42 Resp: 149648

Ion Ratio Lower Upper

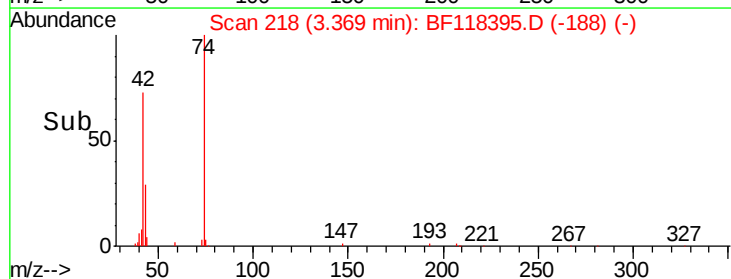
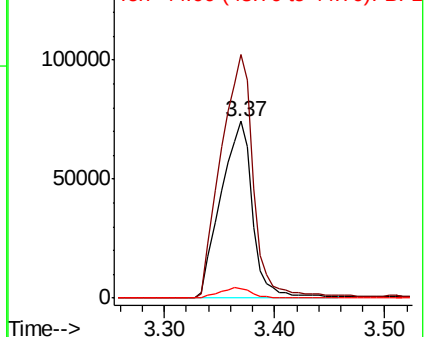
42 100

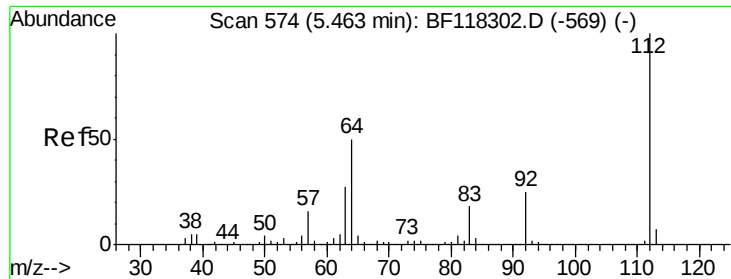
74 137.9 107.7 161.5

44 5.4 4.8 7.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 101.498 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampled :

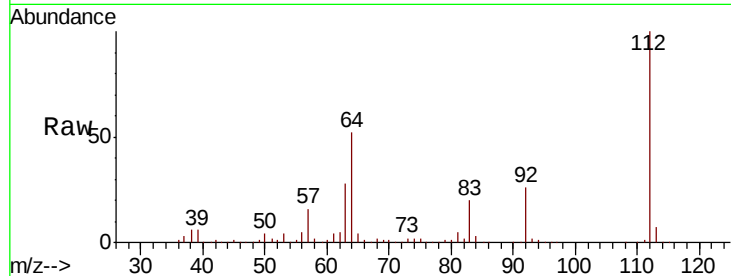
Tot Ion:112 Resp: 892096

Ion Ratio Lower Upper

112 100

64 52.1 39.7 59.5

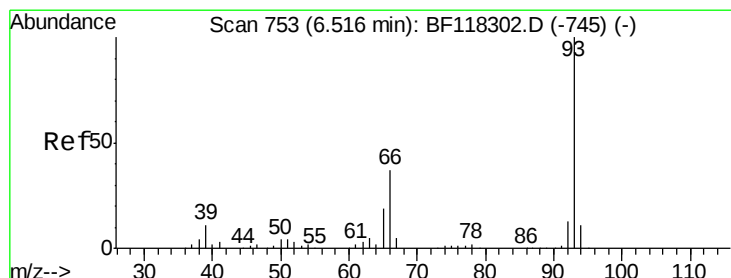
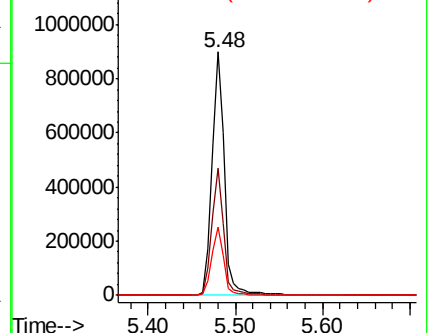
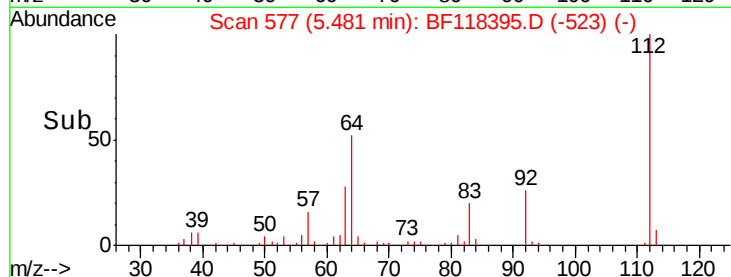
63 28.1 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 19.331 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

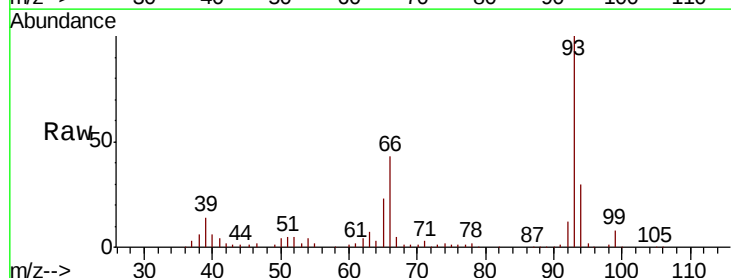
Tgt Ion: 93 Resp: 267640

Ion Ratio Lower Upper

93 100

66 43.1 30.2 45.4

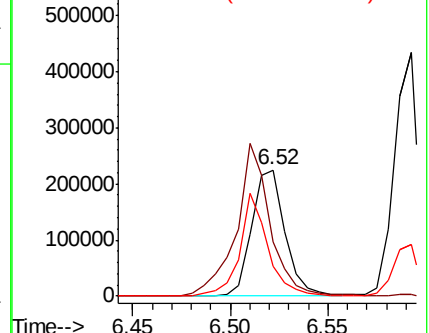
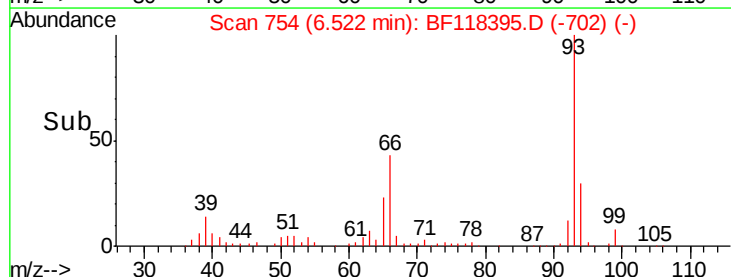
65 23.3 15.7 23.5

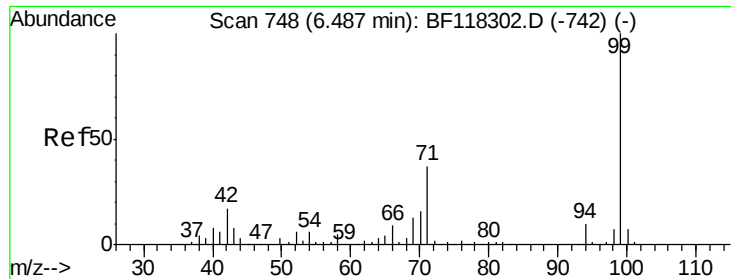


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.054 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

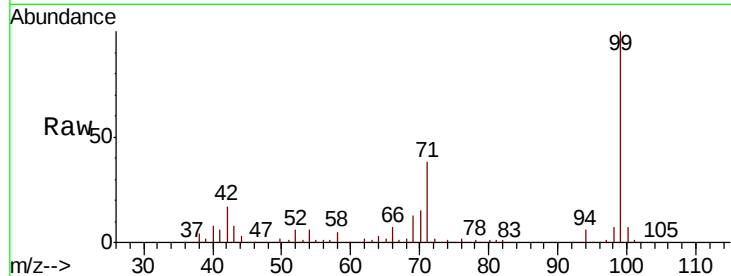
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1134539

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.5	20.3
71	37.5	29.4	44.2

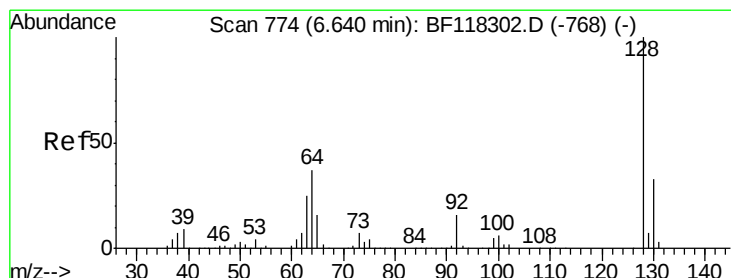
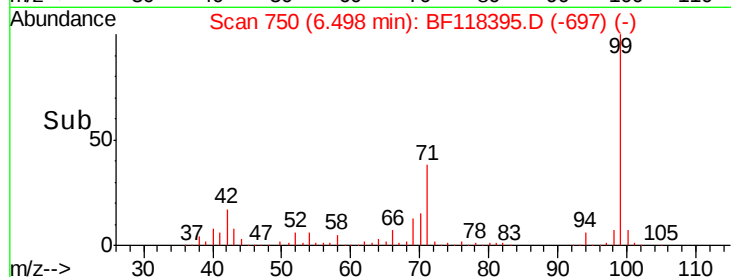
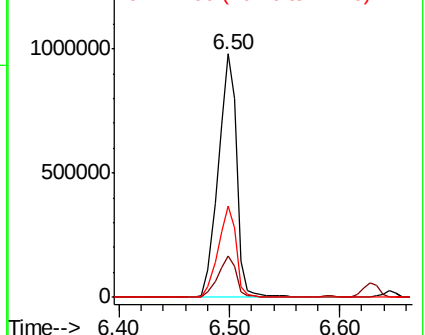


Abundance

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: 42.599 ng

RT: 6.65 min Scan# 775

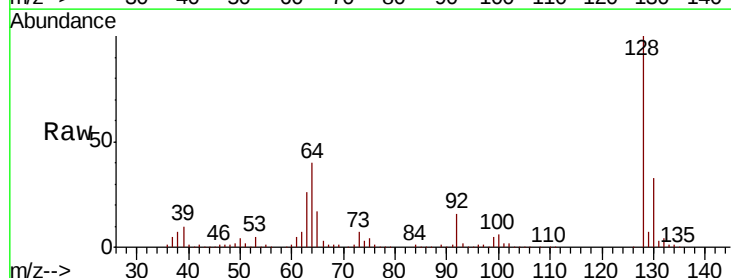
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion: 128 Resp: 424048

Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.2	53.2
64	40.2	17.7	57.7

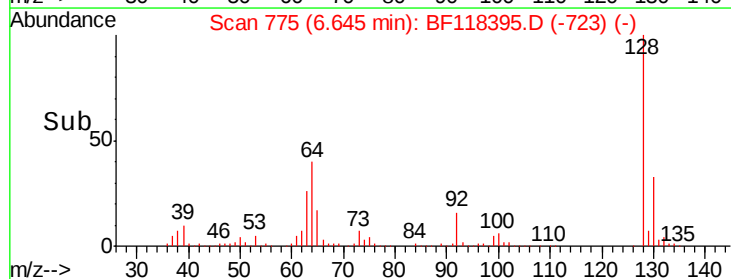
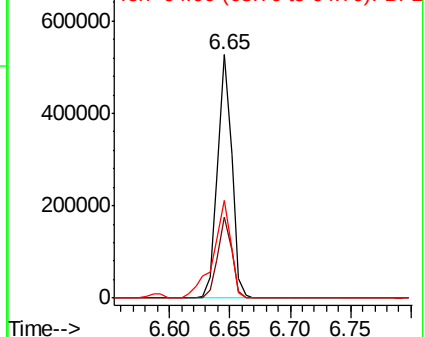


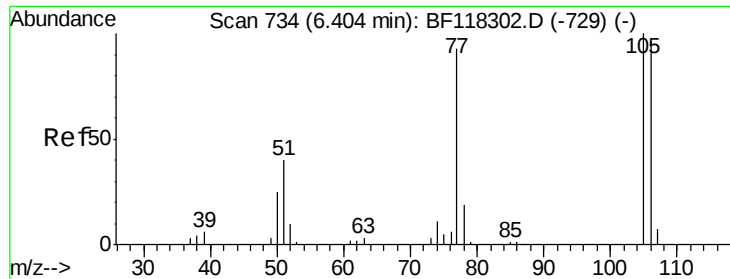
Abundance

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: 36.148 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

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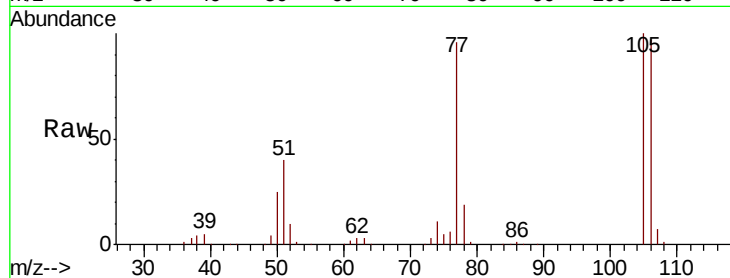
Tot Ion: 77 Resp: 231077

Ion Ratio Lower Upper

77 100

105 103.9 87.5 127.5

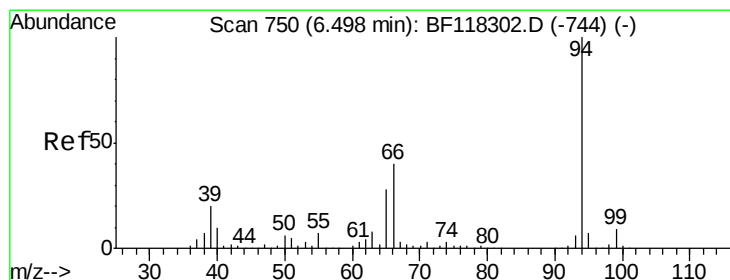
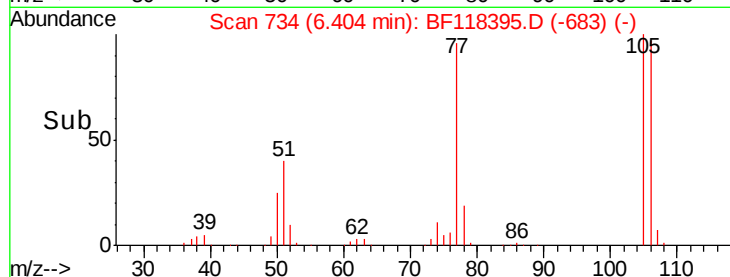
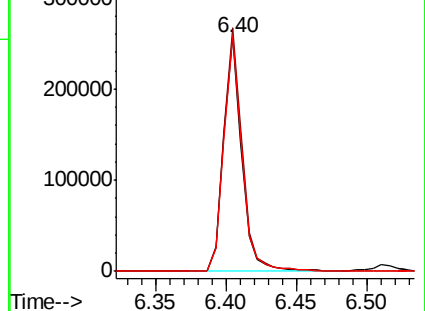
106 100.6 83.6 123.6



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: 40.865 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

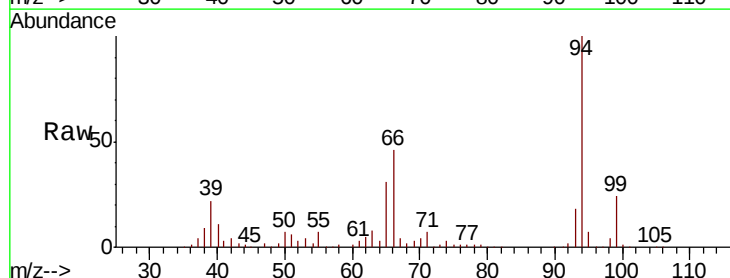
Tgt Ion: 94 Resp: 500801

Ion Ratio Lower Upper

94 100

65 31.0 7.8 47.8

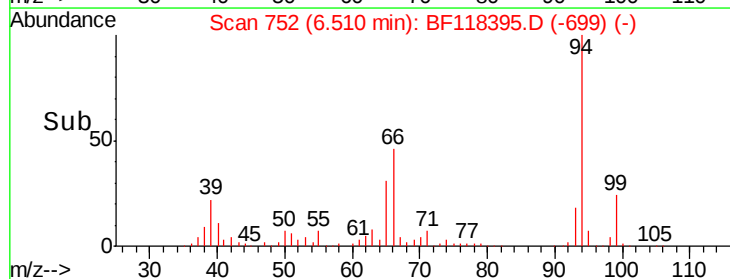
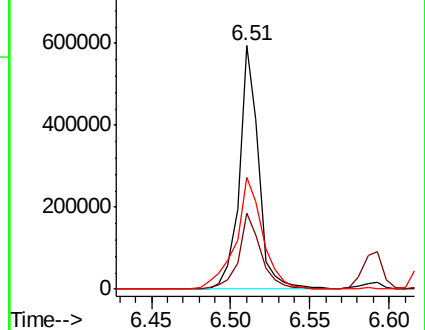
66 46.0 20.4 60.4

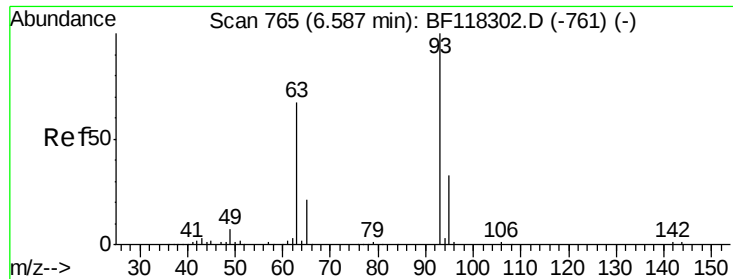


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

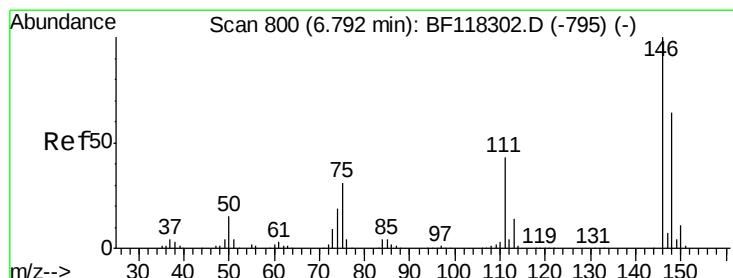
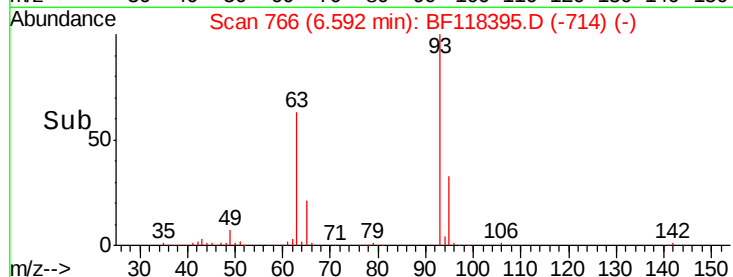
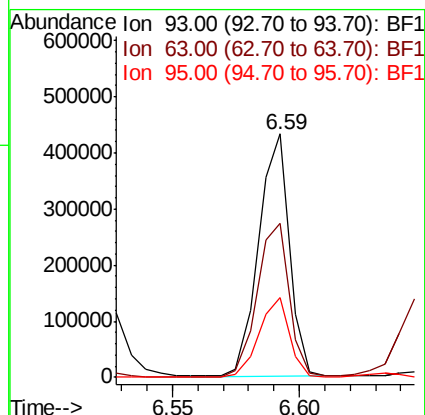
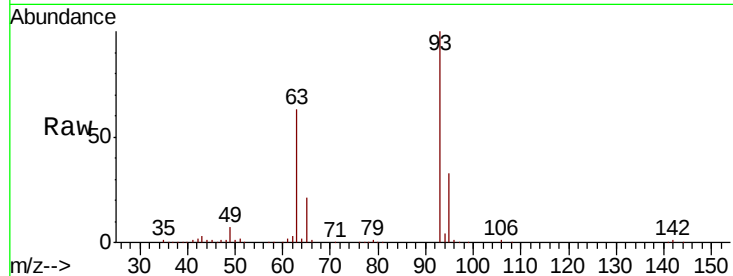




#11
 bis(2-Chloroethyl)ether
 Concen: 42.050 ng
 RT: 6.59 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

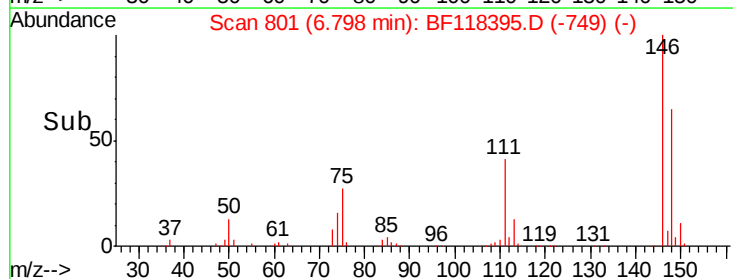
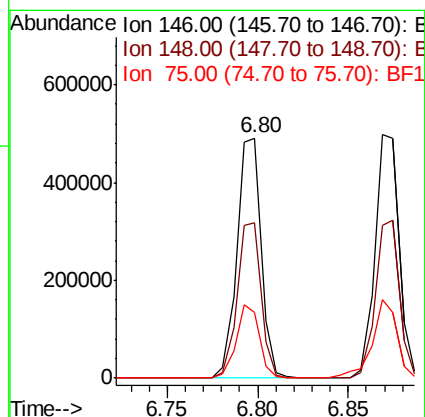
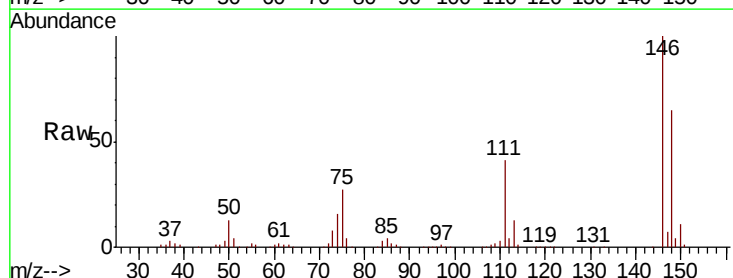
Instrument :
 BNA_F
 ClientSampled :

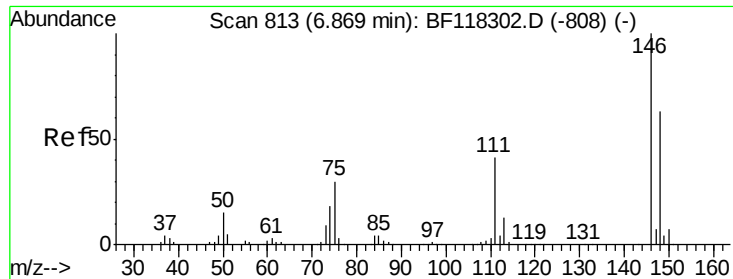
Tot Ion: 93 Resp: 368536
 Ion Ratio Lower Upper
 93 100
 63 63.1 47.0 87.0
 95 32.8 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 39.917 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion: 146 Resp: 457631
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.4 77.0
 75 27.2 24.4 36.6

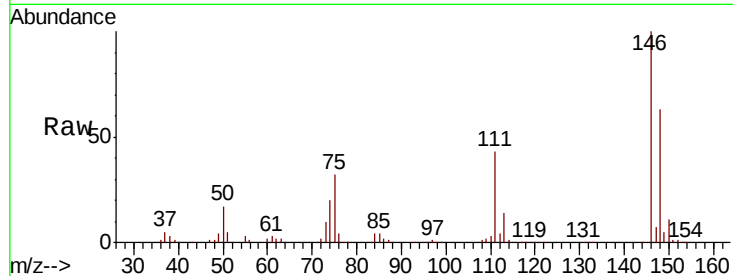




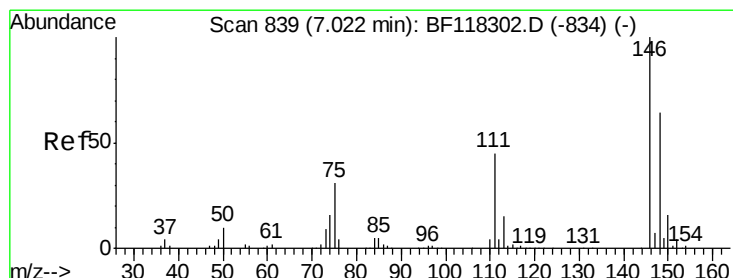
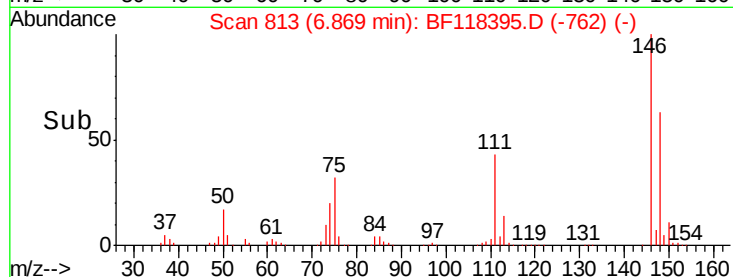
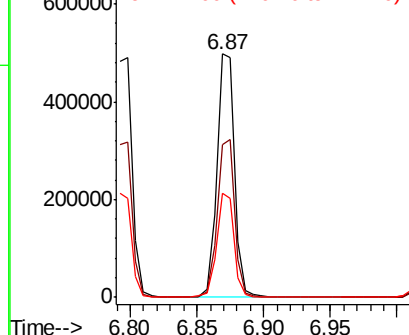
#13
1,4-Dichlorobenzene
Concen: 39.885 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleID :

Tot Ion:146 Resp: 464453
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
111 42.6 32.8 49.2

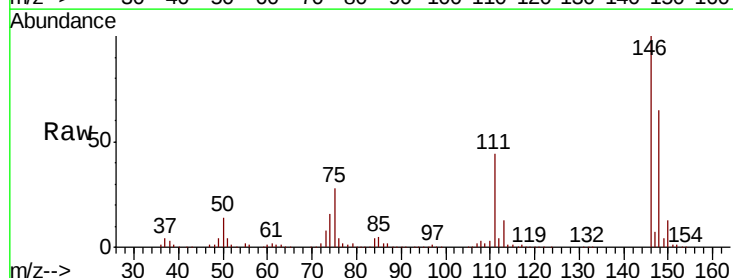


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

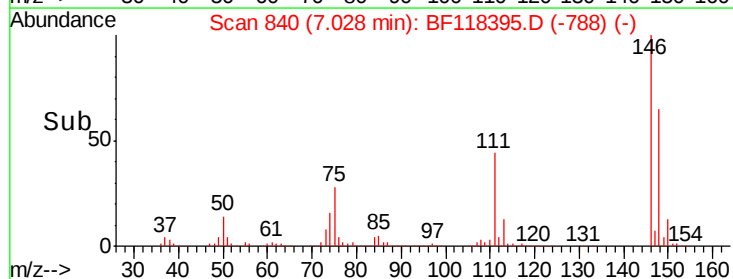
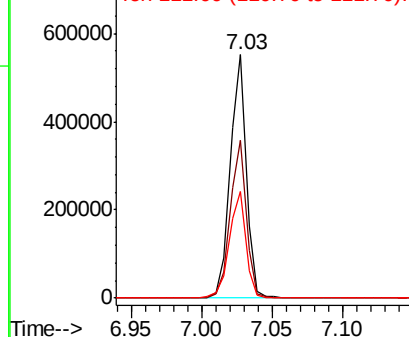


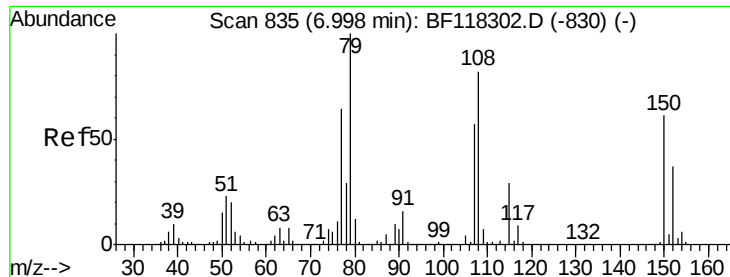
#14
1,2-Dichlorobenzene
Concen: 39.728 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:146 Resp: 436774
Ion Ratio Lower Upper
146 100
148 65.0 51.3 76.9
111 43.6 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: 40.818 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampled :

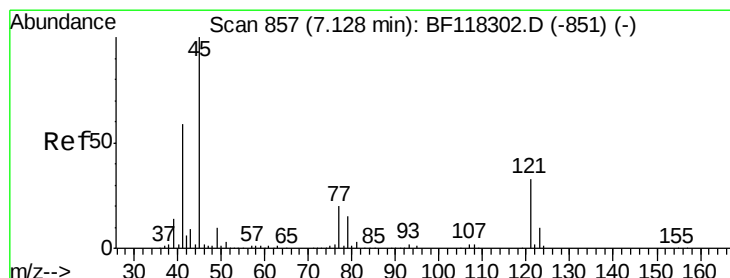
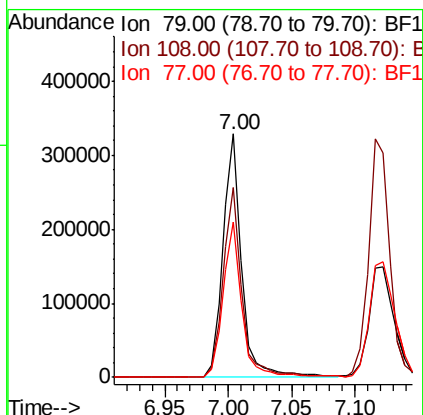
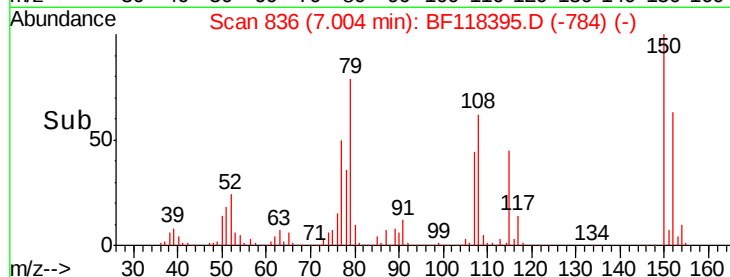
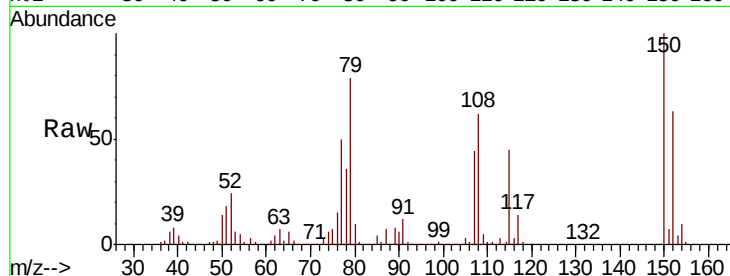
Tot Ion: 79 Resp: 338860

Ion Ratio Lower Upper

79 100

108 78.2 65.4 98.0

77 63.8 51.4 77.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.223 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

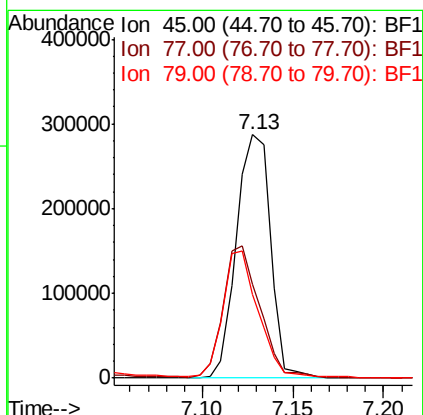
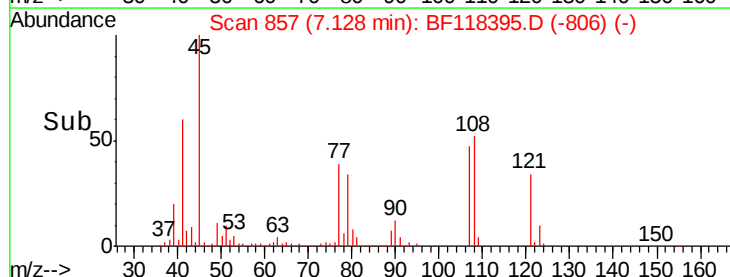
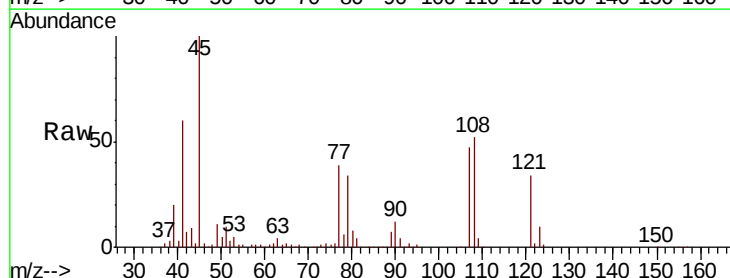
Tgt Ion: 45 Resp: 376173

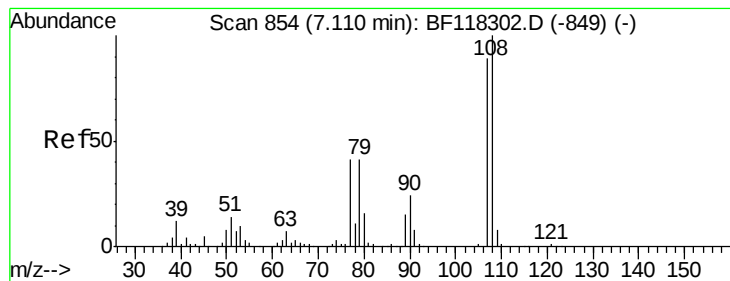
Ion Ratio Lower Upper

45 100

77 38.8 1.2 41.2

79 34.3 0.0 37.0





#17

2-Methylphenol

Concen: 41.662 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 332636

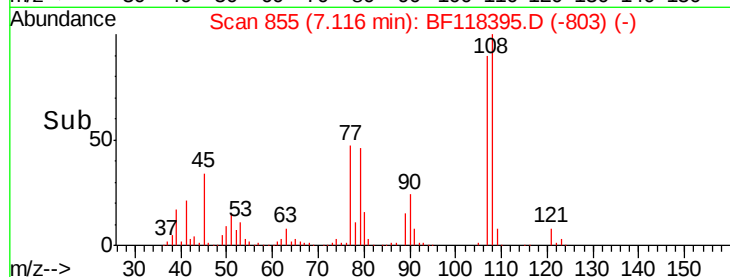
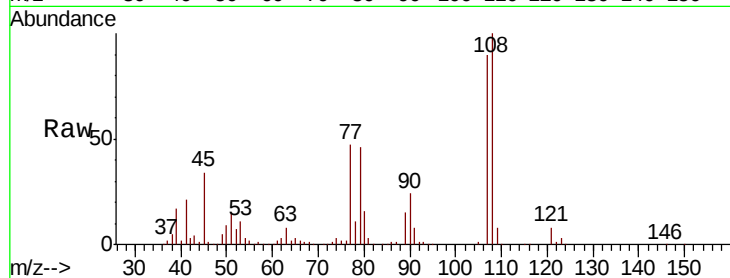
Ion Ratio Lower Upper

107 100

108 111.6 89.7 134.5

77 52.2 37.2 55.8

79 51.1 36.7 55.1

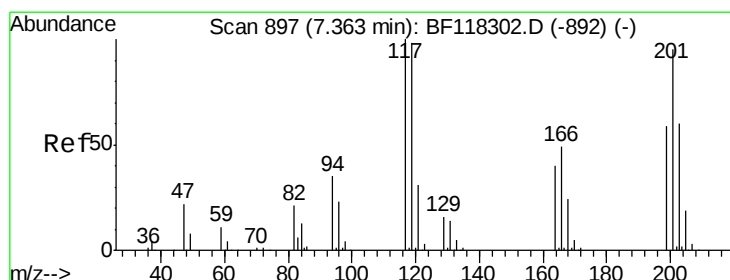
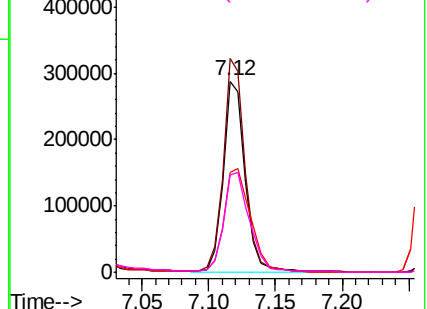


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.520 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

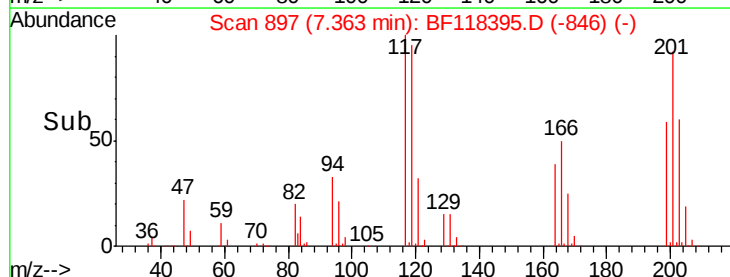
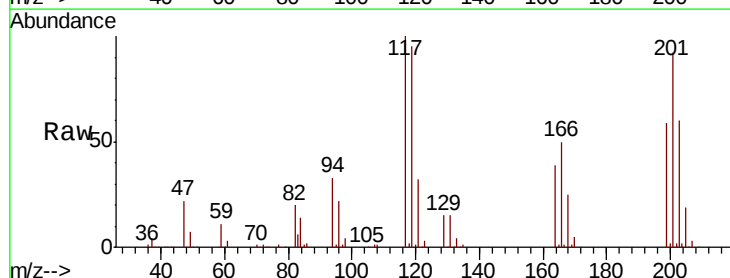
Tgt Ion:117 Resp: 156080

Ion Ratio Lower Upper

117 100

119 94.9 78.0 117.0

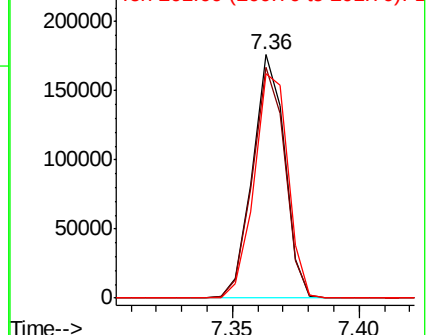
201 92.1 76.2 114.2

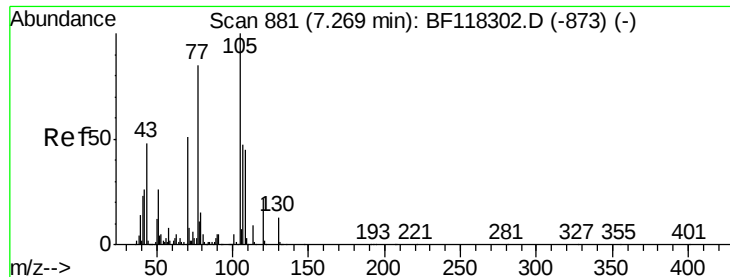


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

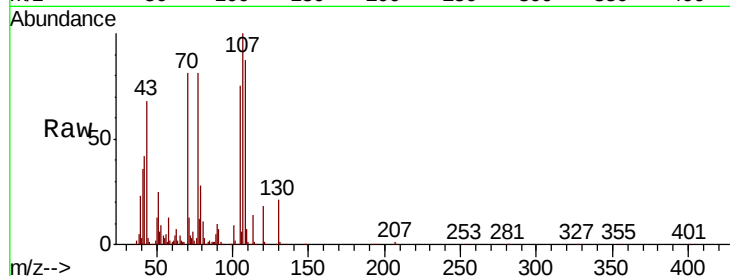




#19
n-Nitroso-di-n-propylamine
Concen: 40.965 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.3	41.1	61.7
101	10.7	8.3	12.5
130	26.5	20.1	30.1



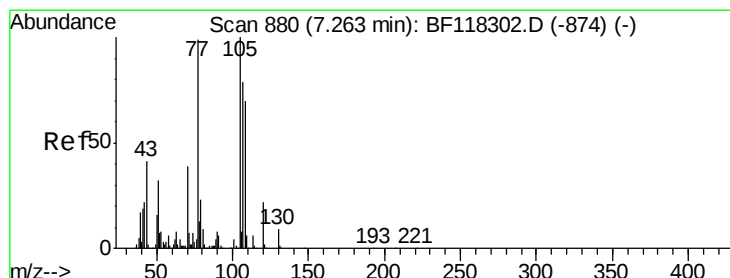
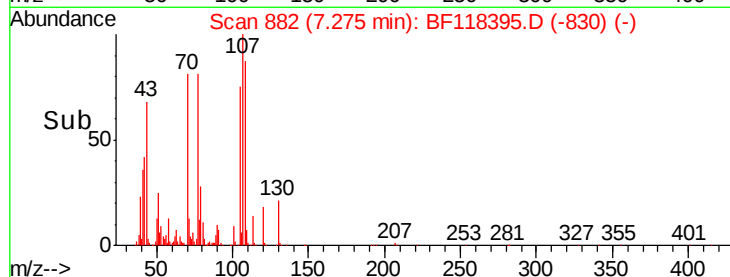
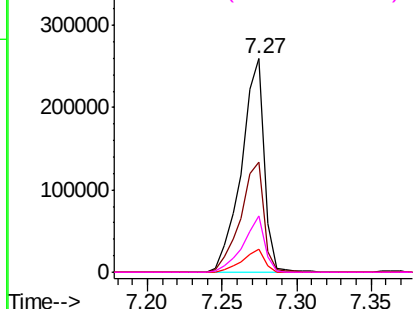
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.060 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.3	109.3
77	81.5	105.9	145.9#
79	28.1	9.2	49.2

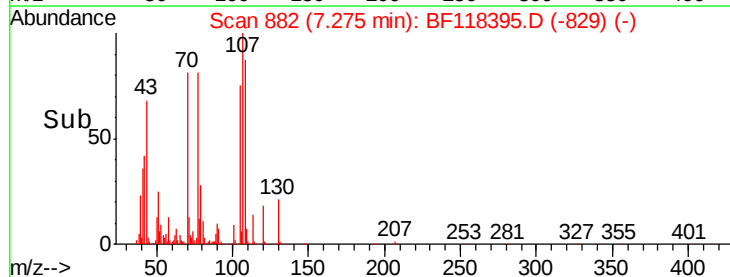
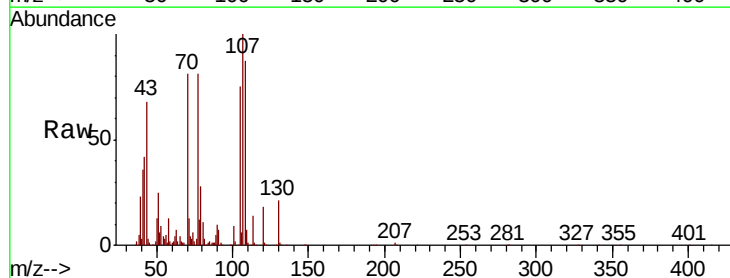
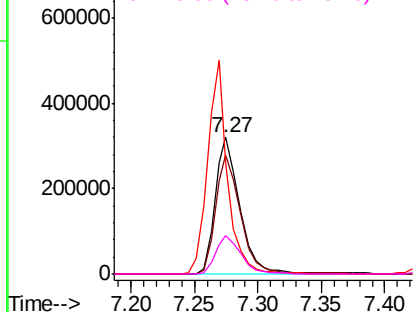
Abundance

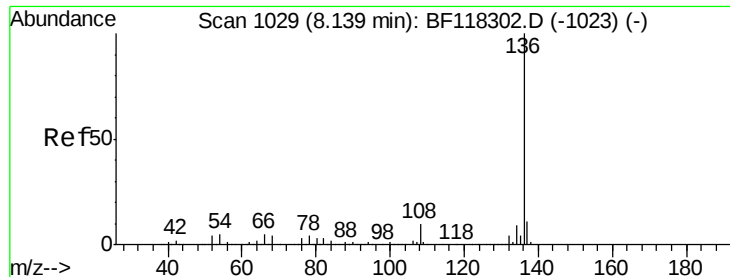
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

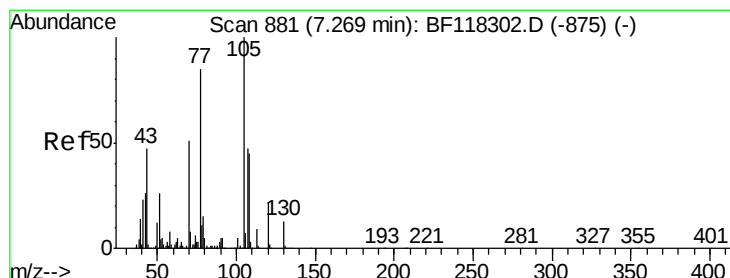
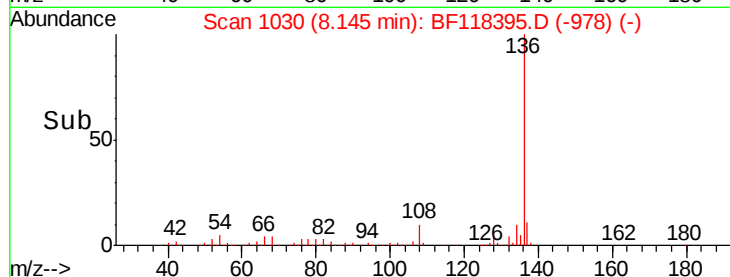
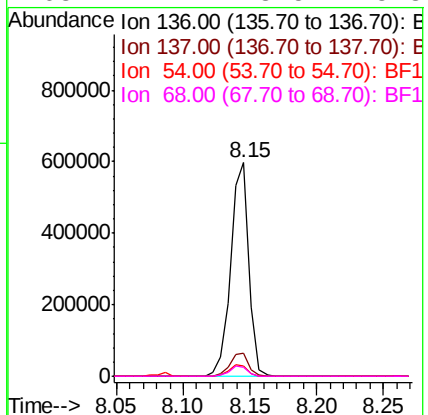
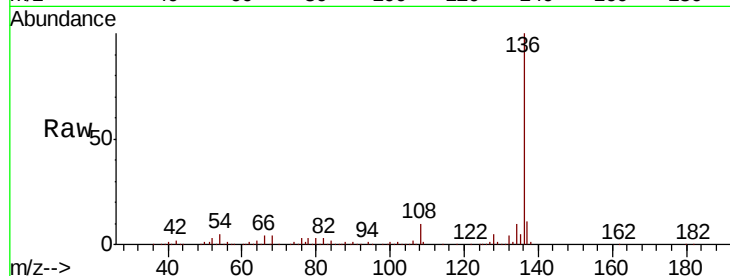




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

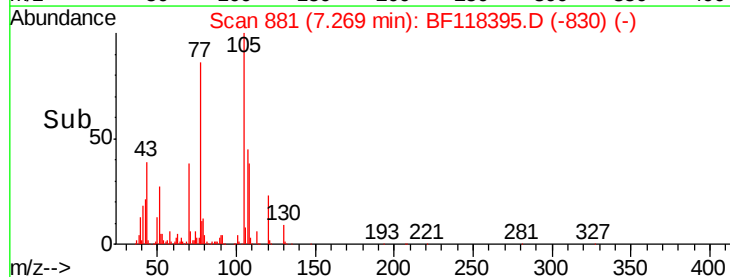
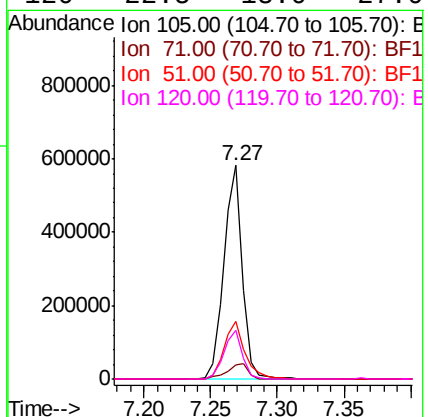
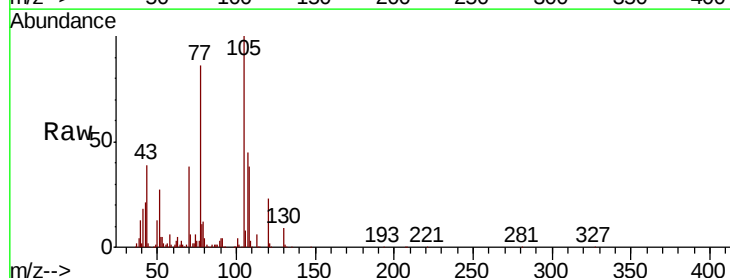
Instrument :
BNA_F
ClientSampleId :

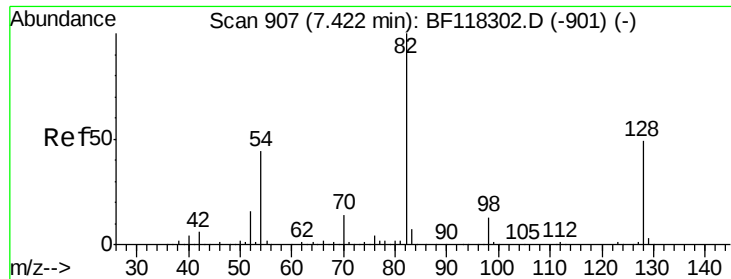
Tot Ion:136	Resp:	572019	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.9	13.3	
54 4.9	4.2	6.4	
68 4.2	3.5	5.3	



#22
Acetophenone
Concen: 40.447 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt	Ion:105	Resp:	567052
Ion	Ratio	Lower	Upper
105	100		
71	6.4	6.6	9.8#
51	26.8	20.6	30.8
120	22.5	18.0	27.0

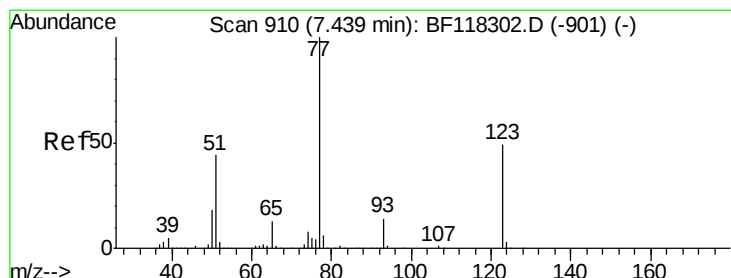
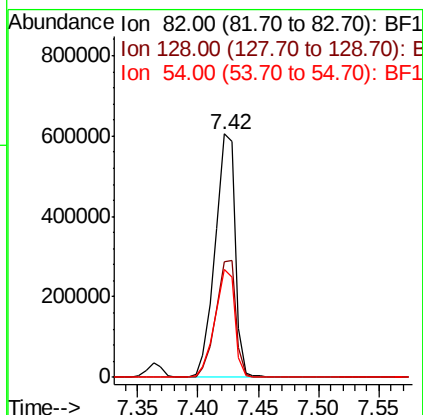
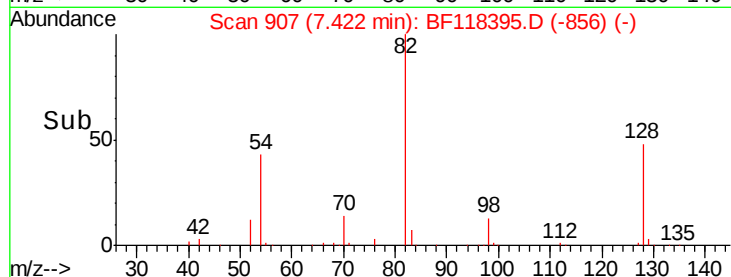
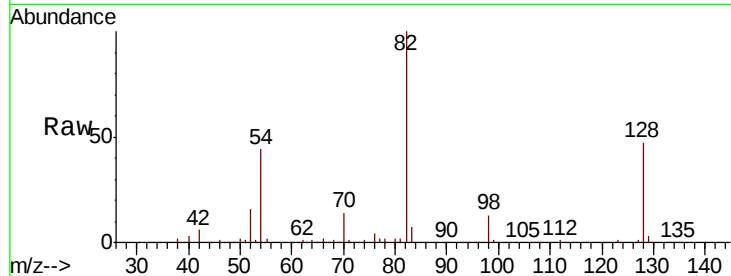




#23
Nitrobenzene-d5
Concen: 69.148 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

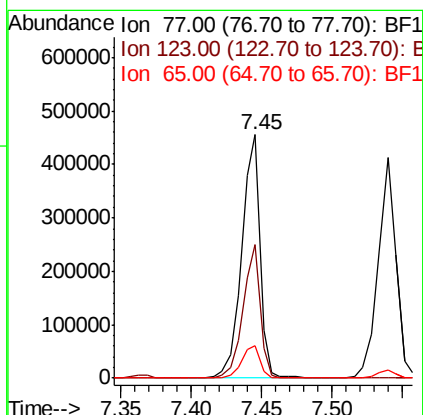
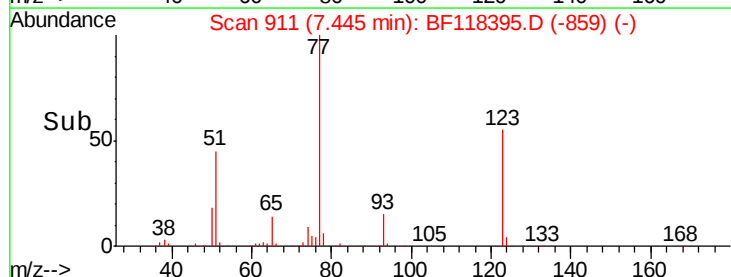
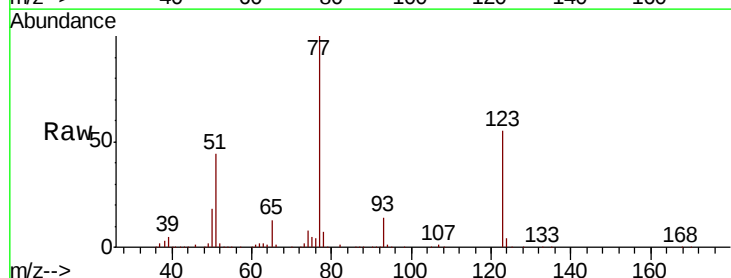
Instrument :
BNA_F
ClientSampled :

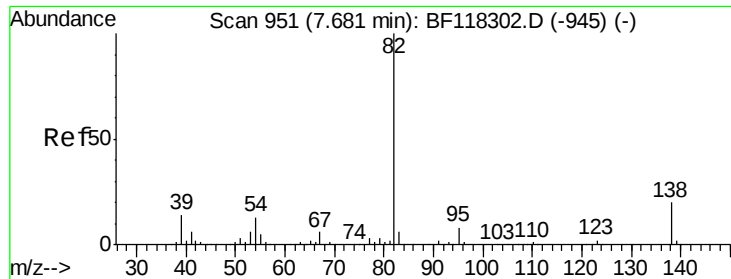
Tot Ion	82	Resp	691566
Ion Ratio	Lower	Upper	
82	100		
128	47.4	39.6	59.4
54	44.4	34.9	52.3



#24
Nitrobenzene
Concen: 40.705 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	77	Resp	407799
Ion Ratio	Lower	Upper	
77	100		
123	54.6	39.1	58.7
65	13.2	10.6	16.0

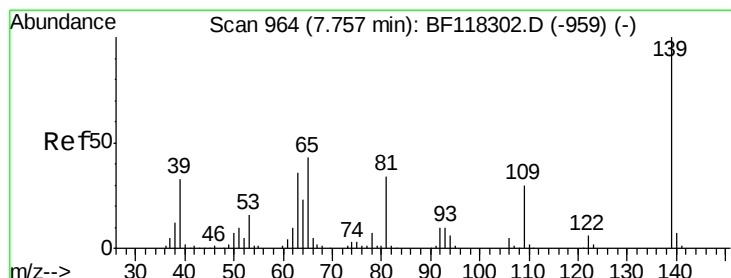
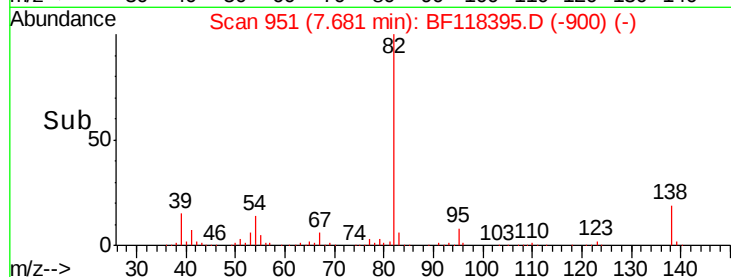
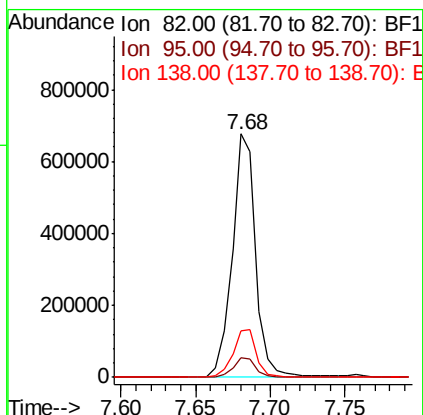
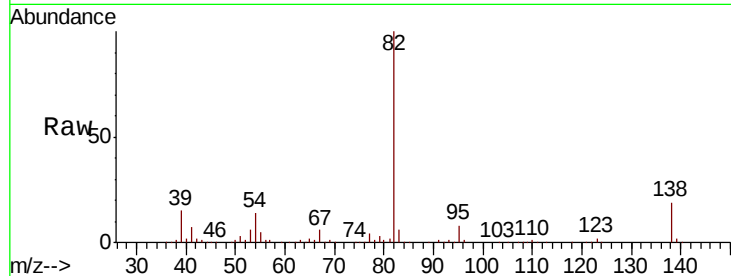




#25
Isophorone
Concen: 42.782 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

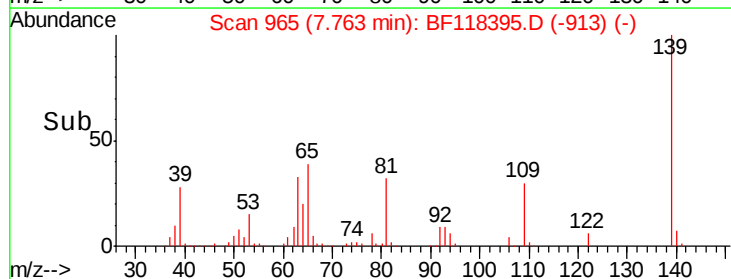
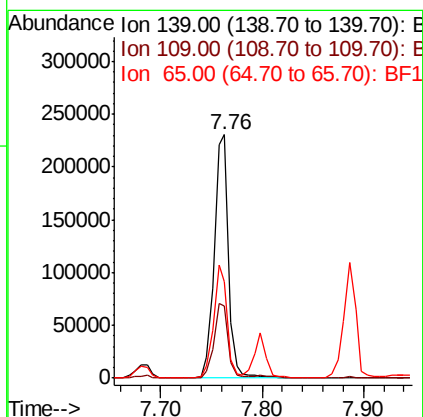
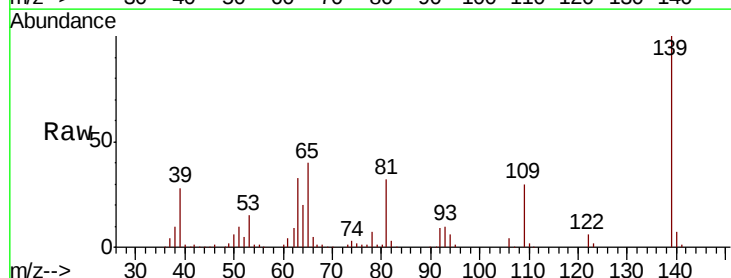
Instrument :
BNA_F
ClientSampleId :

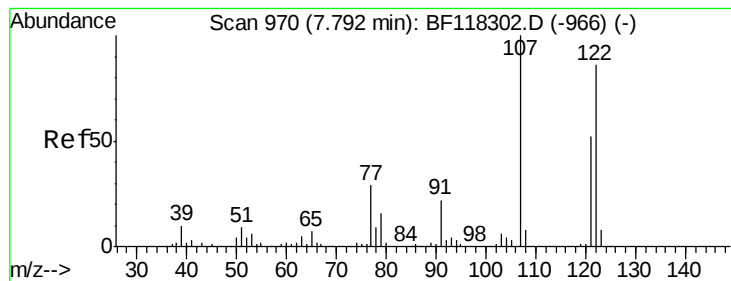
Tot Ion: 82 Resp: 745692
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 19.0 16.2 24.2



#26
2-Nitrophenol
Concen: 42.652 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion: 139 Resp: 226333
Ion Ratio Lower Upper
139 100
109 29.6 24.1 36.1
65 39.8 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 50.107 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

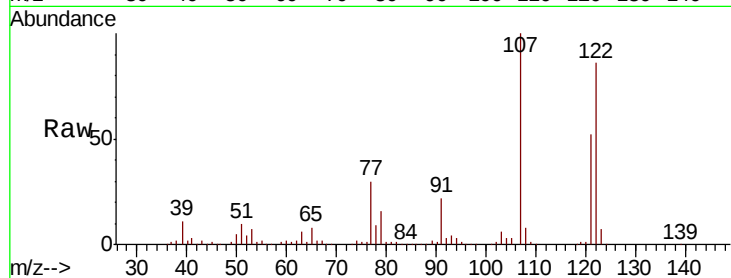
Tot Ion:122 Resp: 362780

Ion Ratio Lower Upper

122 100

107 116.9 92.9 139.3

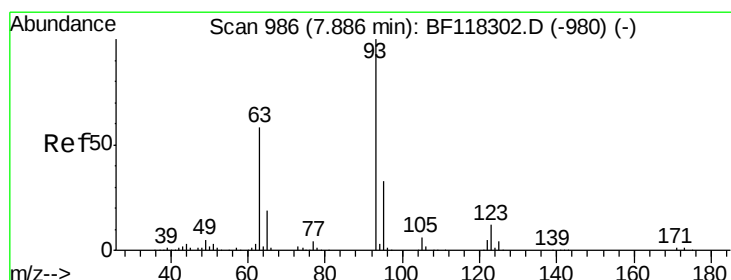
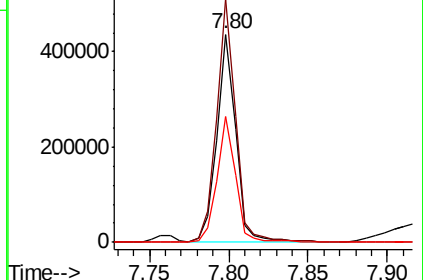
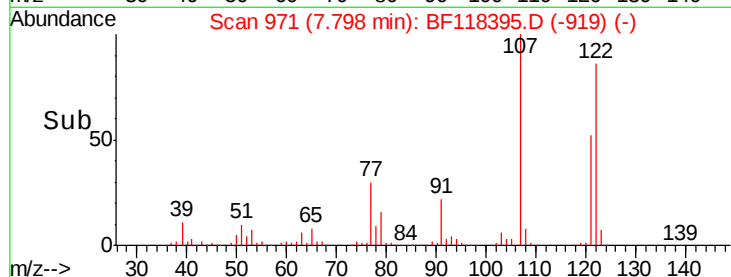
121 60.7 47.9 71.9



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: 41.886 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

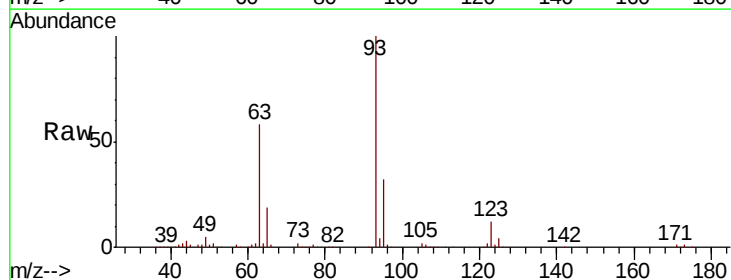
Tgt Ion: 93 Resp: 477462

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

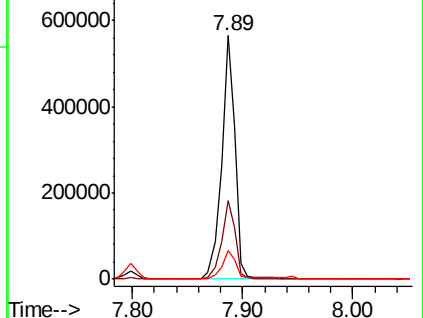
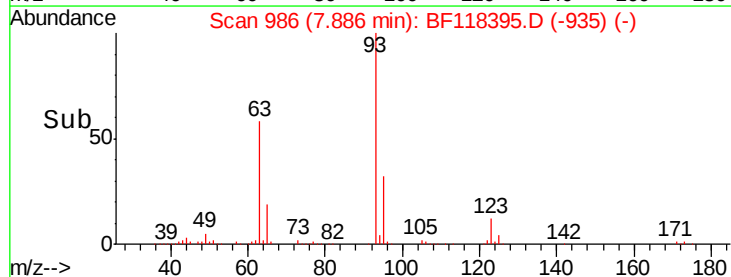
123 11.8 9.8 14.8

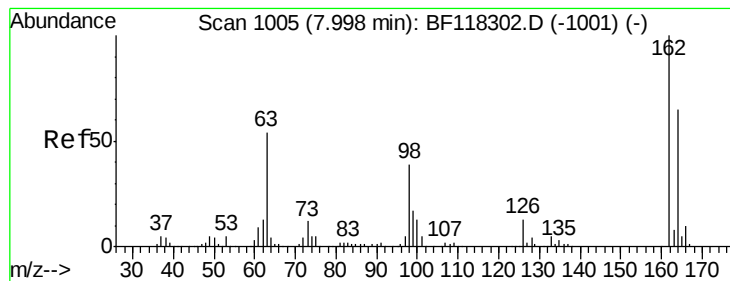


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

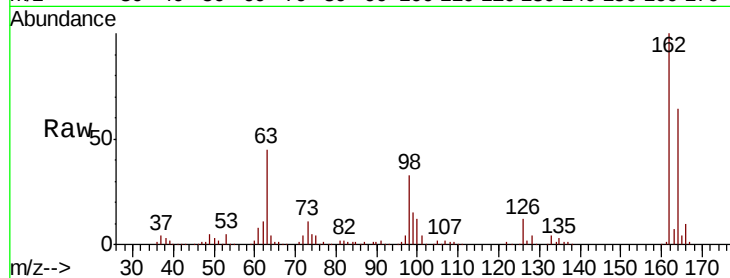




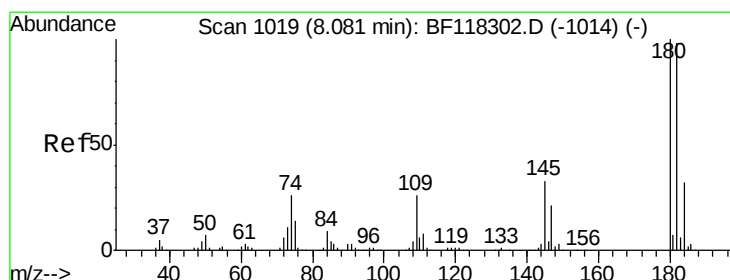
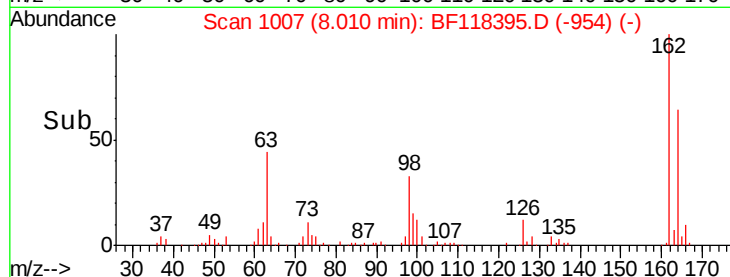
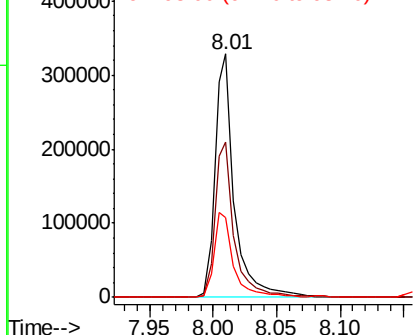
#29
 2,4-Dichlorophenol
 Concen: 42.253 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	162	Resp	352111
Ion Ratio	Lower	Upper	
162	100		
164	63.8	45.1	85.1
98	32.5	18.6	58.6

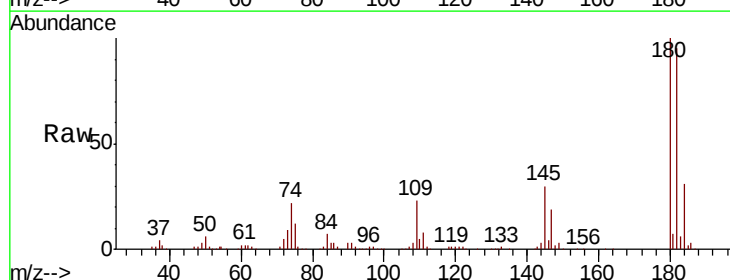


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

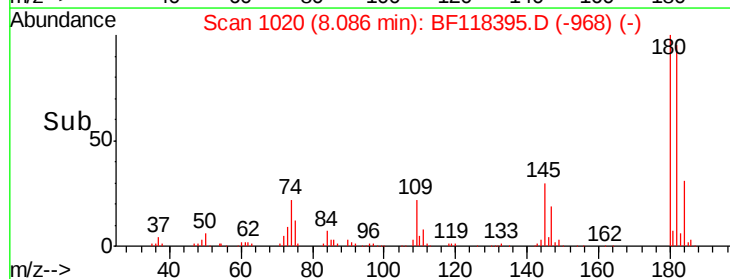
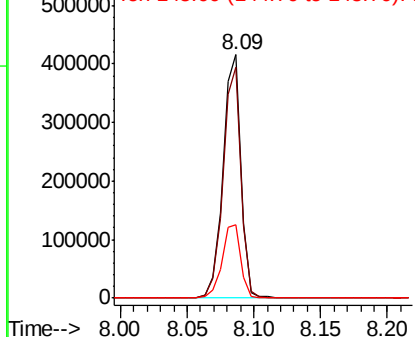


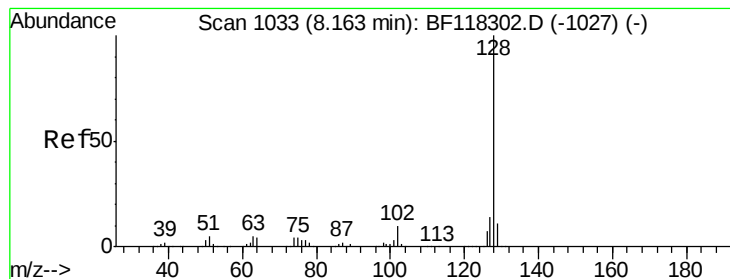
#30
 1,2,4-Trichlorobenzene
 Concen: 40.689 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion	180	Resp	394982
Ion Ratio	Lower	Upper	
180	100		
182	94.6	78.3	117.5
145	30.1	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: 41.647 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

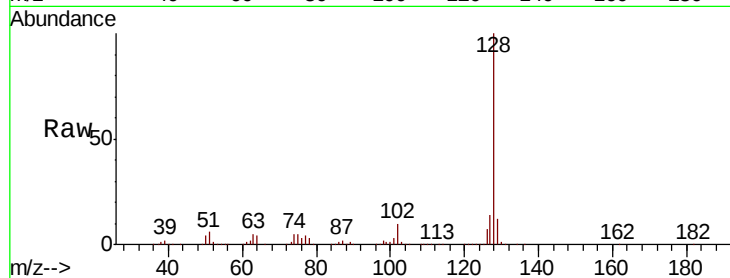
Tot Ion:128 Resp: 1210821

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

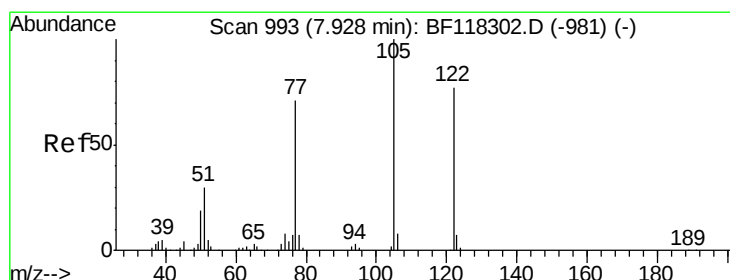
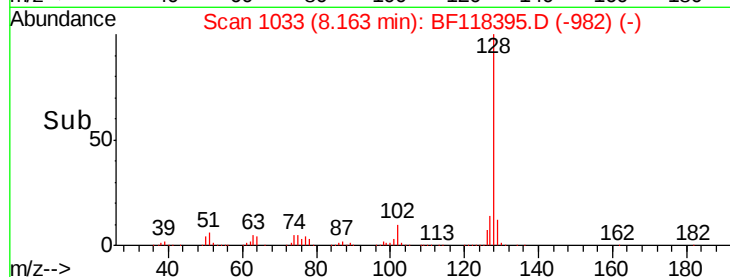
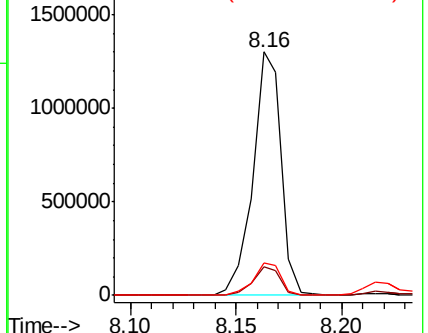
127 13.5 11.0 16.4



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: 33.028 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

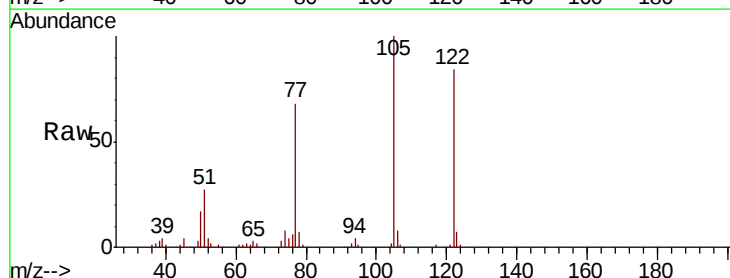
Tgt Ion:122 Resp: 189649

Ion Ratio Lower Upper

122 100

105 119.7 106.8 146.8

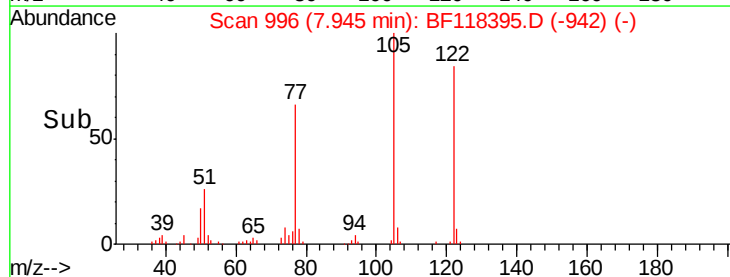
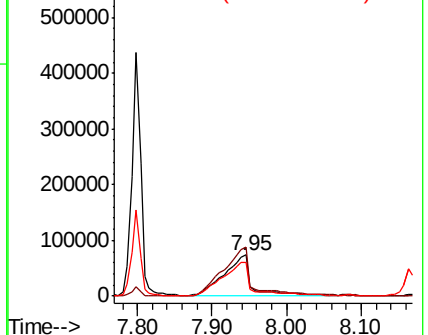
77 81.2 70.4 110.4

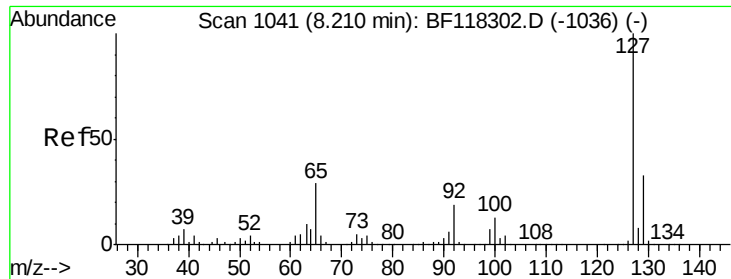


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

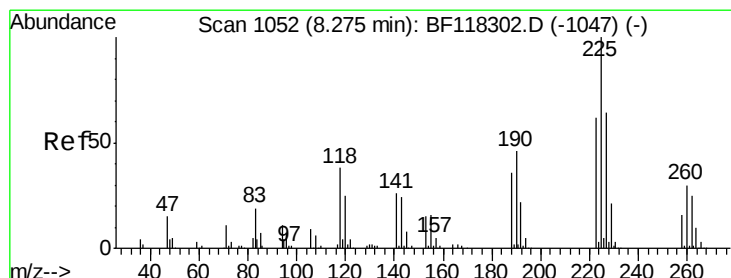
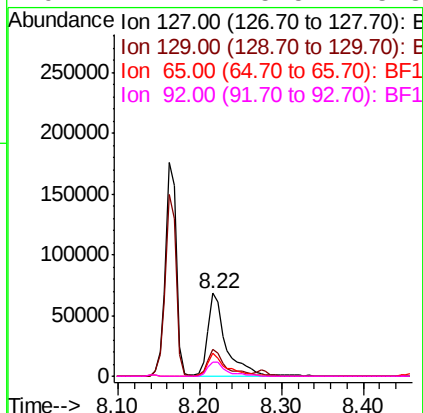
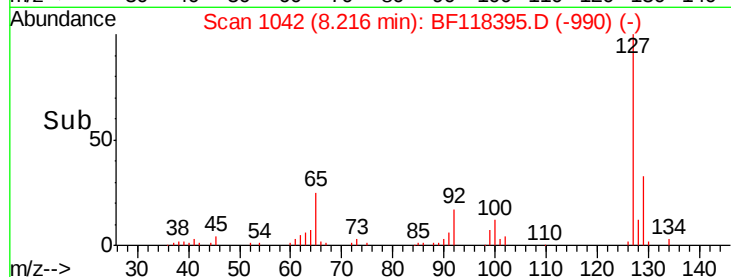
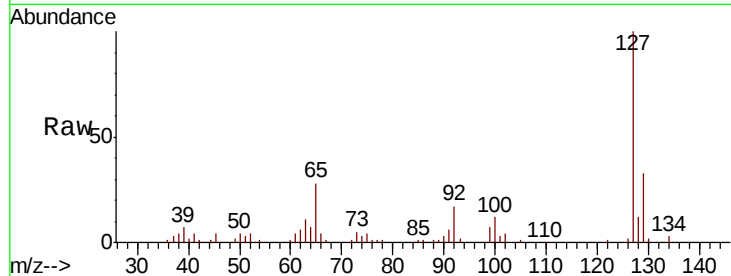




#33
4-Chloroaniline
Concen: 8.661 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

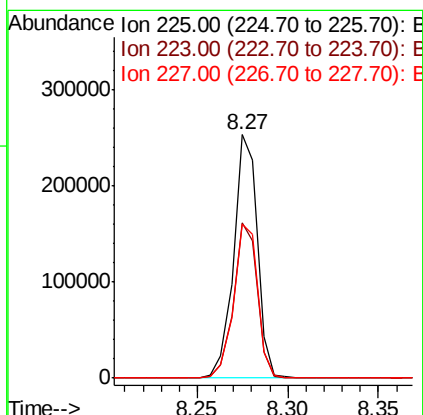
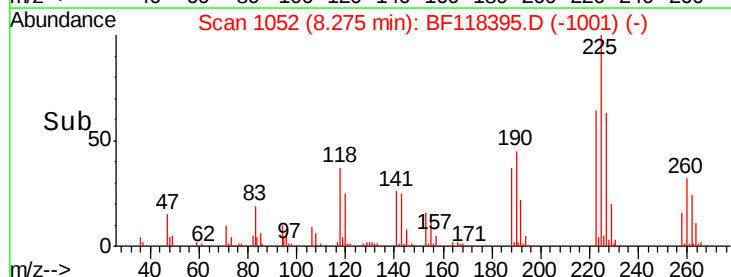
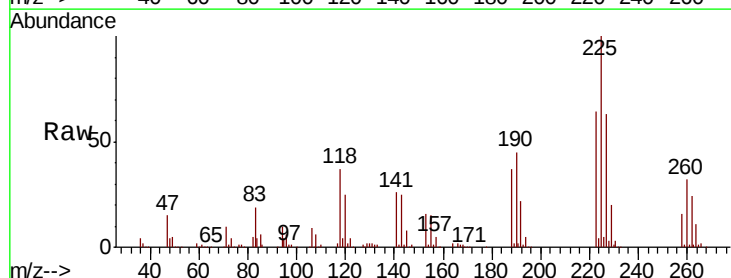
Instrument :
BNA_F
ClientSampleId :

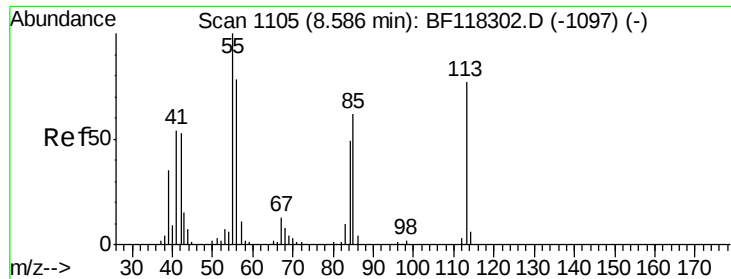
Tot Ion:127 Resp: 107951
Ion Ratio Lower Upper
127 100
129 32.6 26.5 39.7
65 27.8 22.8 34.2
92 17.1 15.5 23.3



#34
Hexachlorobutadiene
Concen: 39.961 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:225 Resp: 230911
Ion Ratio Lower Upper
225 100
223 63.6 49.5 74.3
227 63.3 51.0 76.4

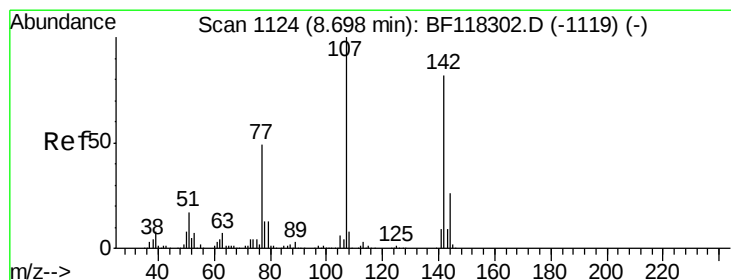
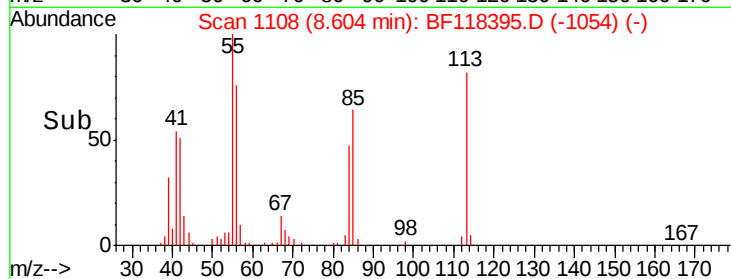
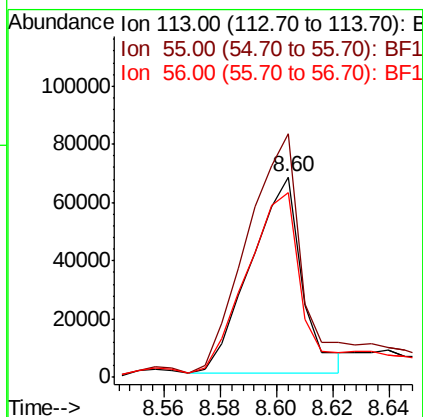
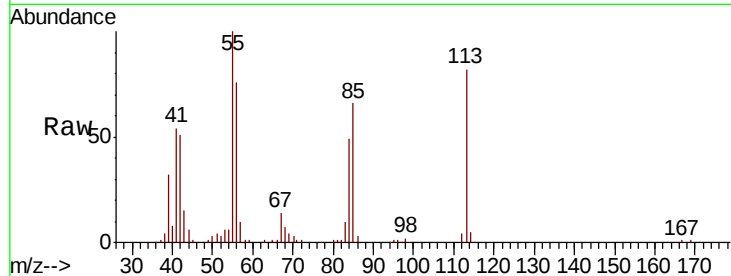




#35
Caprolactam
Concen: 32.770 ng
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

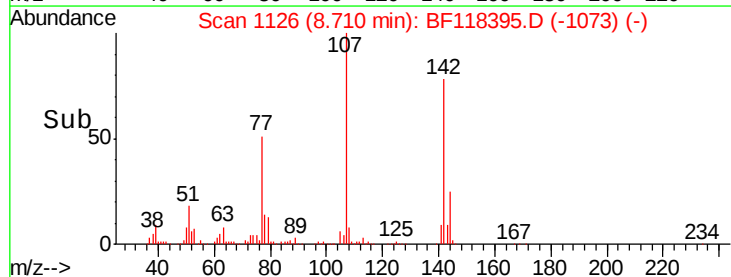
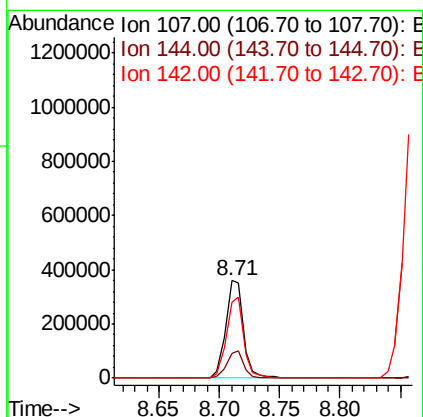
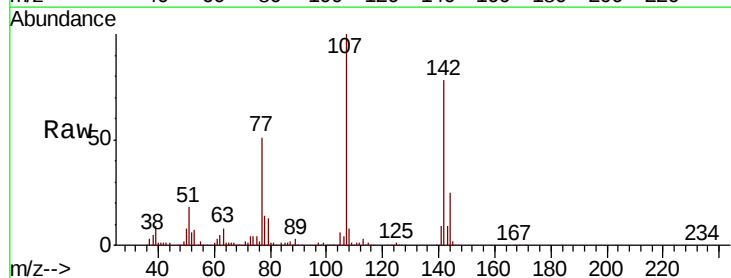
Instrument :
BNA_F
ClientSampleId :

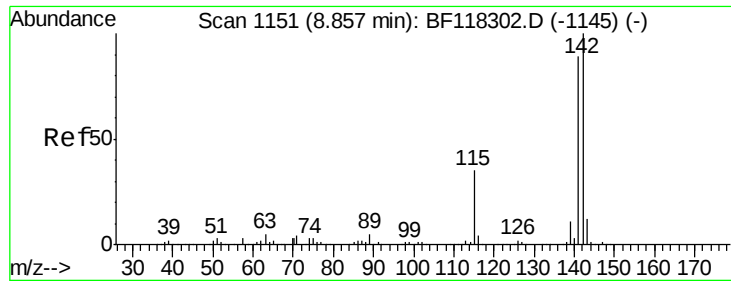
Tot Ion:113 Resp: 85257
Ion Ratio Lower Upper
113 100
55 121.5 109.8 149.8
56 92.2 81.7 121.7



#36
4-Chloro-3-methylphenol
Concen: 40.965 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:107 Resp: 366520
Ion Ratio Lower Upper
107 100
144 25.5 21.2 31.8
142 77.6 65.4 98.2

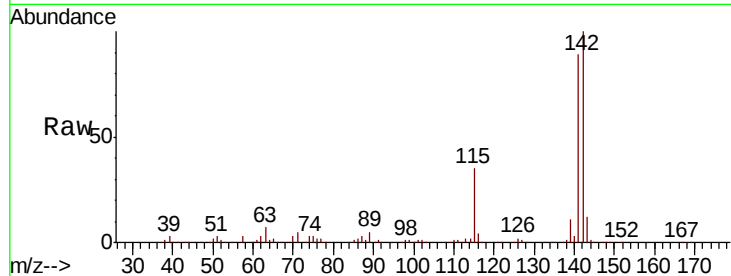




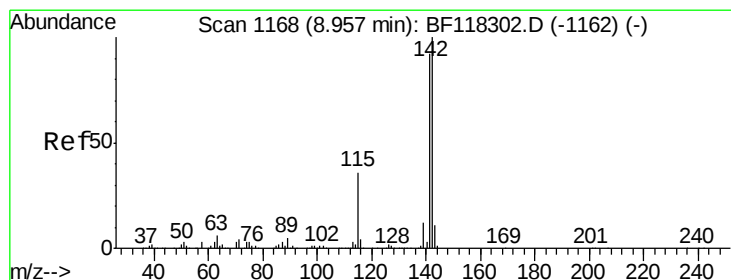
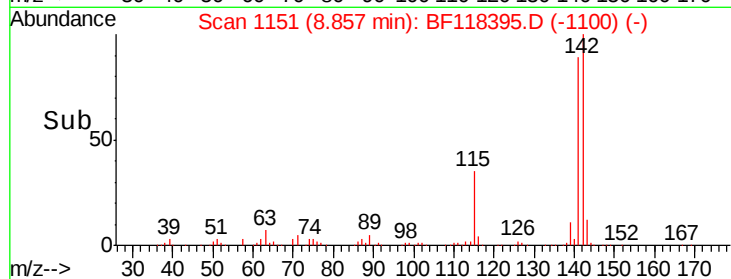
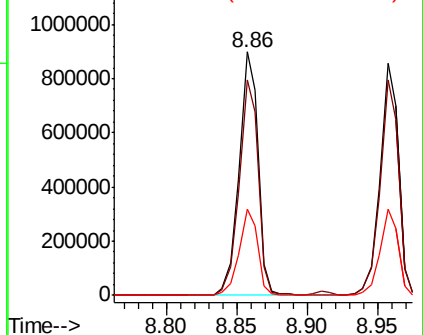
#37
2-Methylnaphthalene
Concen: 42.272 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 841459
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 35.2 28.0 42.0

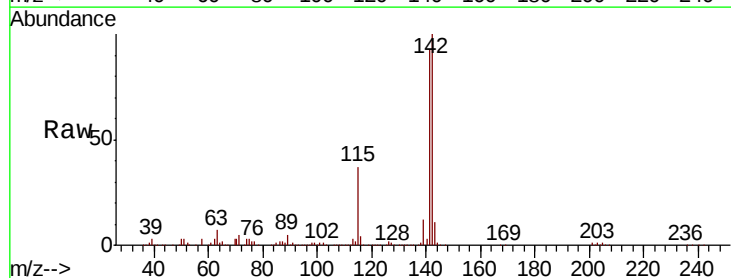


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

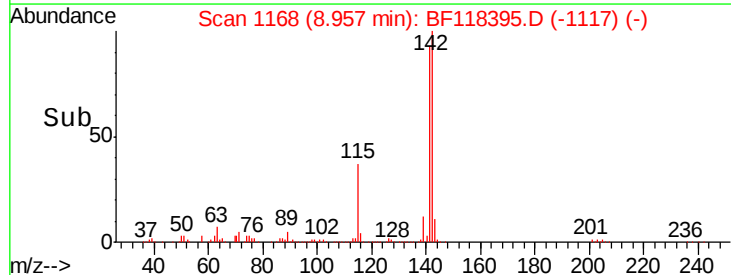
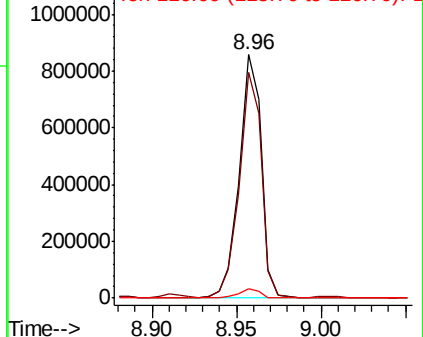


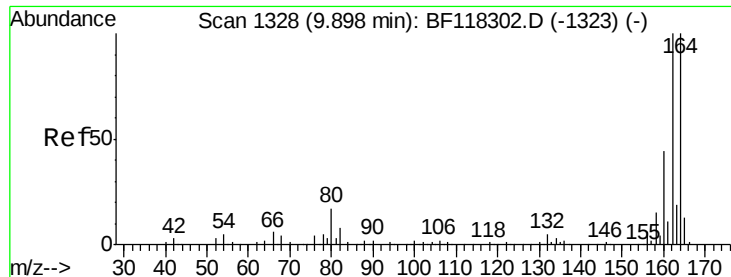
#38
1-Methylnaphthalene
Concen: 41.294 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:142 Resp: 774424
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.2
116 3.8 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: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

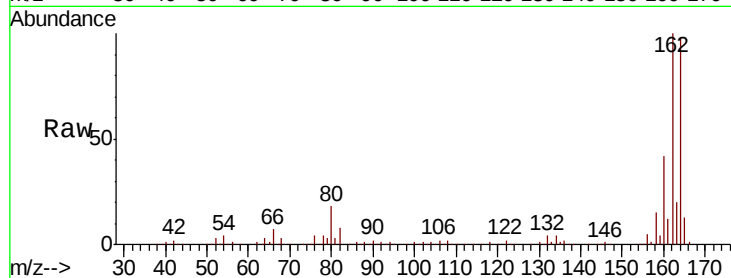
Tot Ion:164 Resp: 291232

Ion Ratio Lower Upper

164 100

162 101.8 80.0 120.0

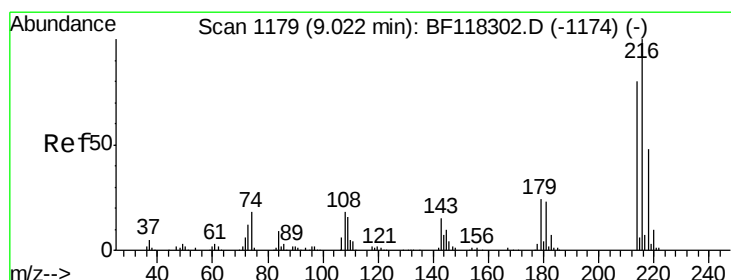
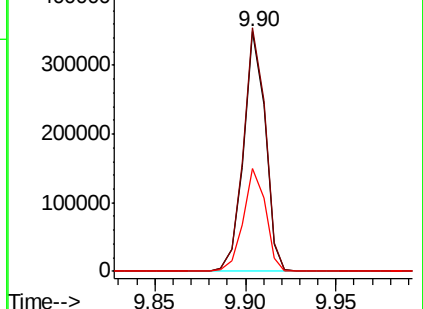
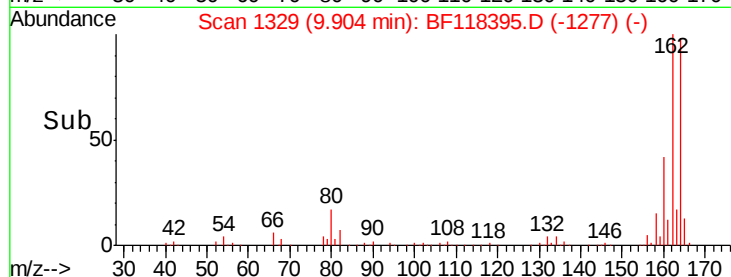
160 42.8 34.8 52.2



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: 41.490 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:216 Resp: 363047

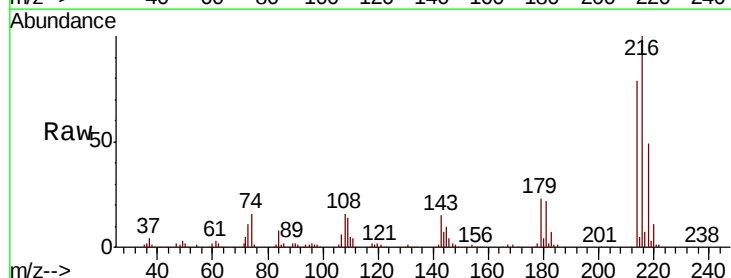
Ion Ratio Lower Upper

216 100

214 78.9 63.3 94.9

179 23.2 18.9 28.3

108 17.9 15.0 22.6

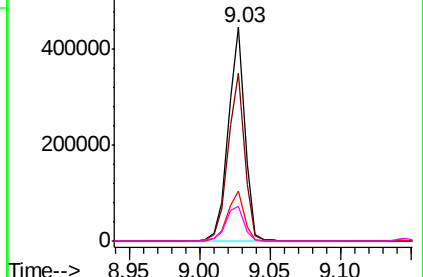
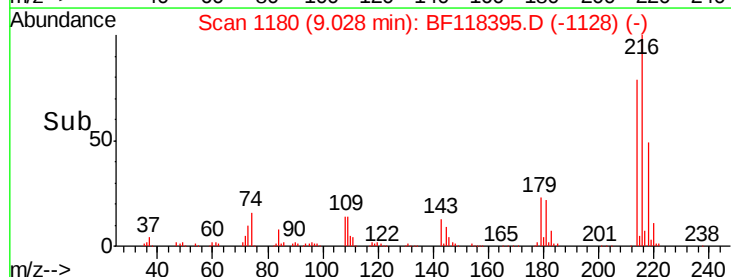


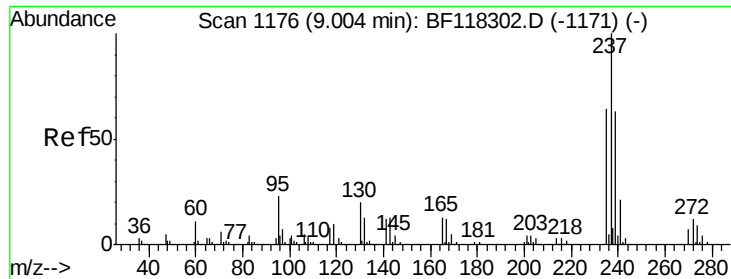
Abundance Ion 216.00 (215.70 to 216.70): E

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

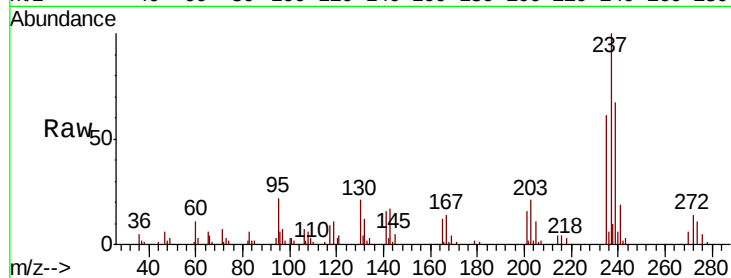




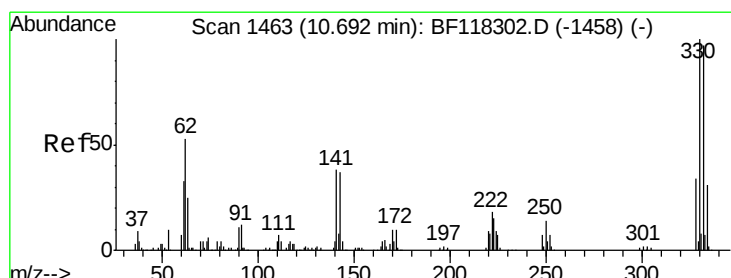
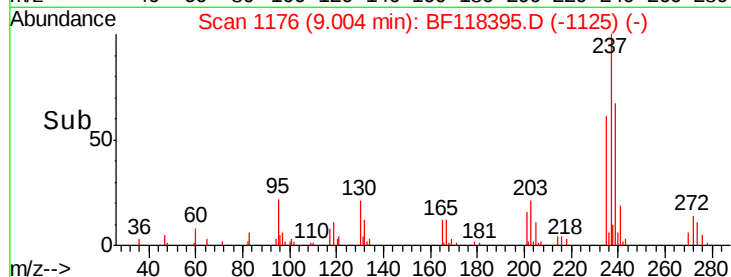
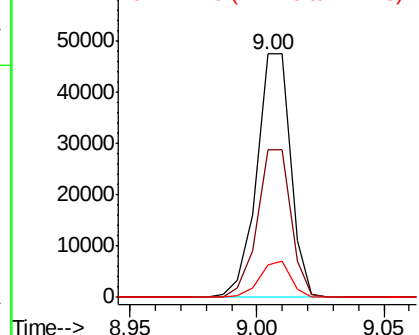
#41
Hexachlorocyclopentadiene
Concen: 19.782 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 44625
Ion Ratio Lower Upper
237 100
235 60.7 43.8 83.8
272 13.5 0.0 31.7

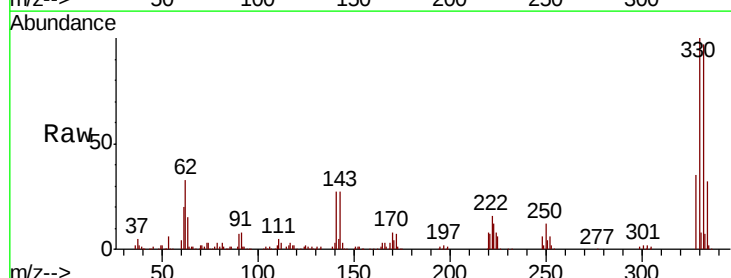


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

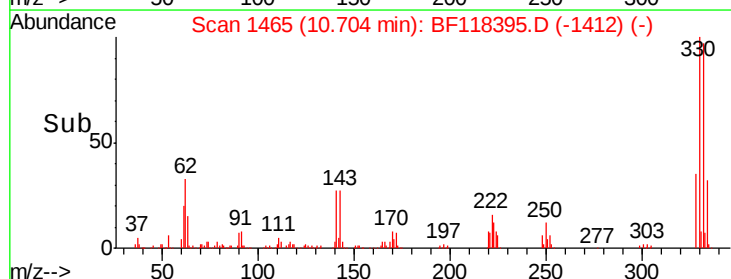
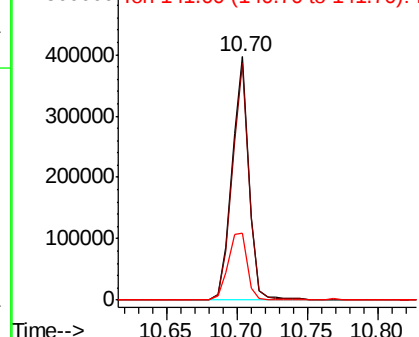


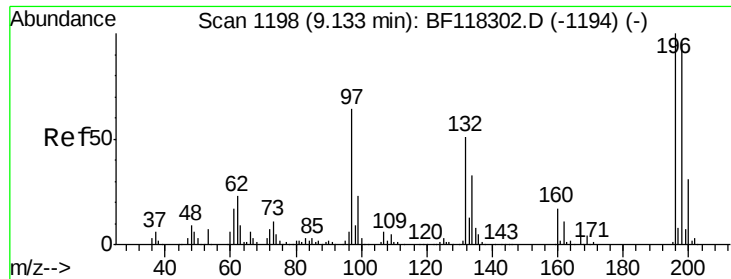
#42
2,4,6-Tribromophenol
Concen: 92.119 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:330 Resp: 331308
Ion Ratio Lower Upper
330 100
332 97.3 76.6 114.8
141 31.6 26.0 39.0



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

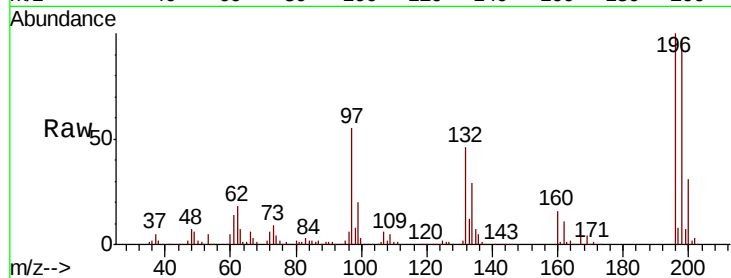




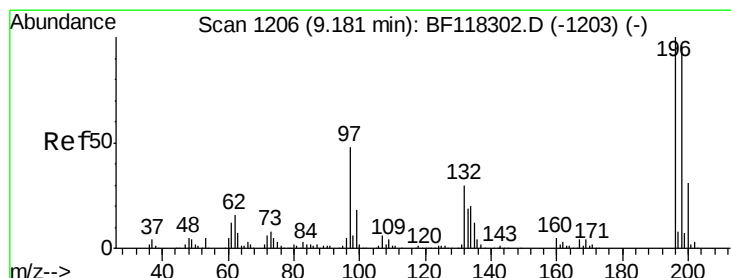
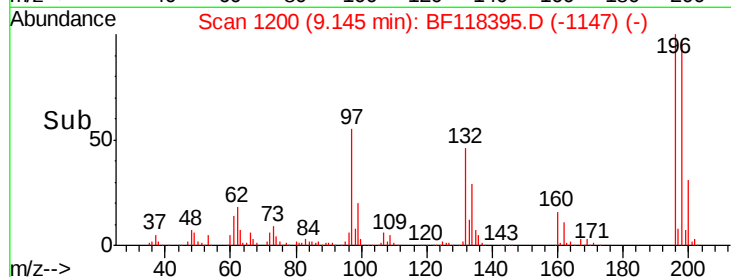
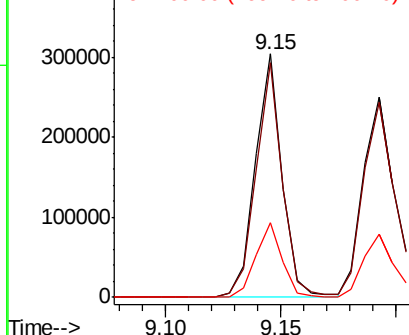
#43
 2,4,6-Trichlorophenol
 Concen: 42.045 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 245788
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.7 115.1
 200 30.8 24.8 37.2

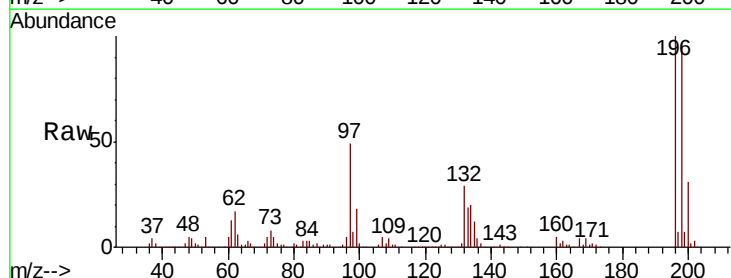


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

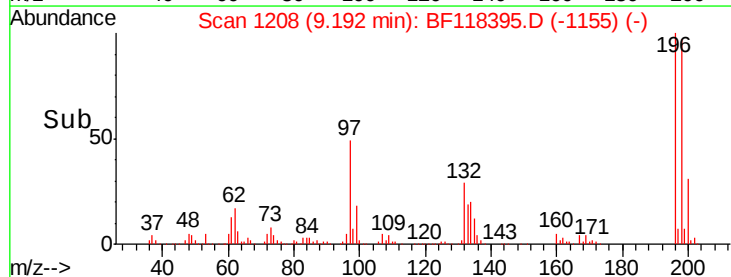
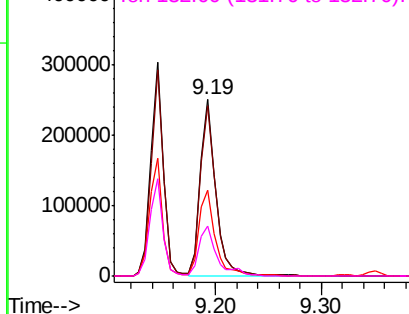


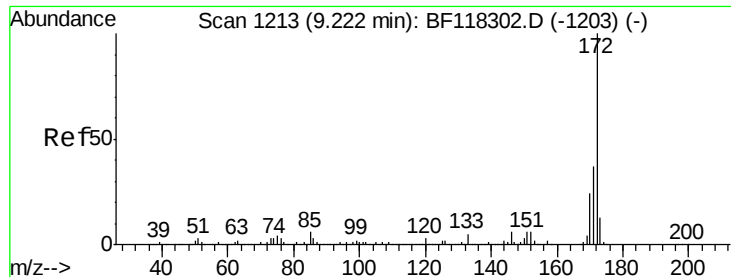
#44
 2,4,5-Trichlorophenol
 Concen: 42.168 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion:196 Resp: 253584
 Ion Ratio Lower Upper
 196 100
 198 97.0 77.0 115.4
 97 49.0 38.9 58.3
 132 28.6 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

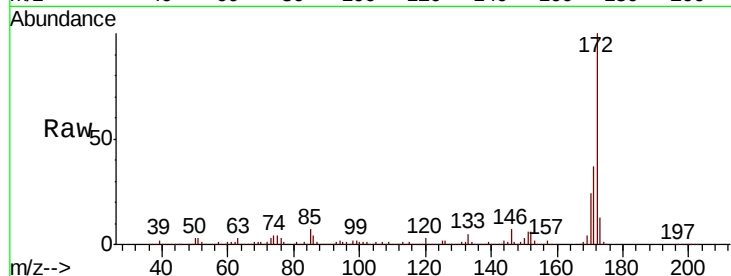




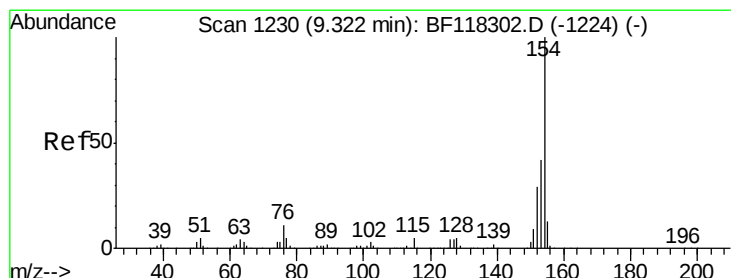
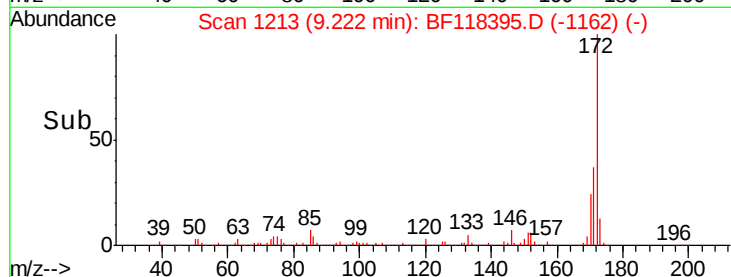
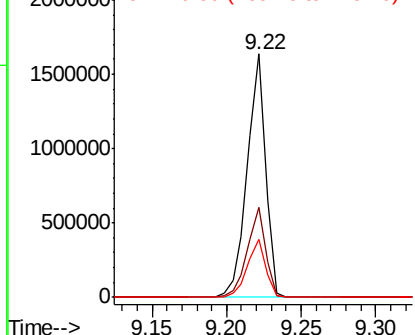
#45
2-Fluorobiphenyl
Concen: 73.382 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1400030
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.0 19.2 28.8

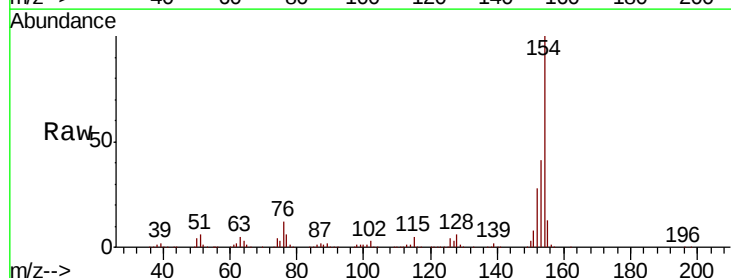


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

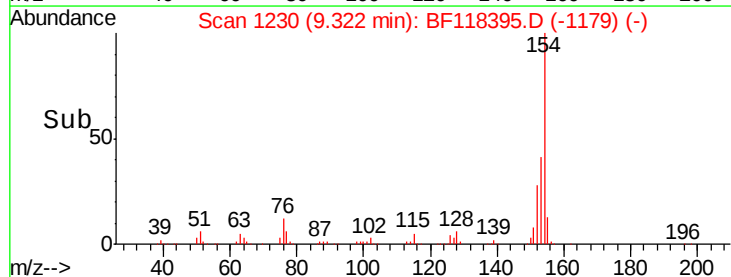
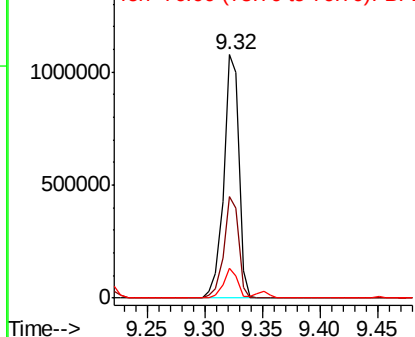


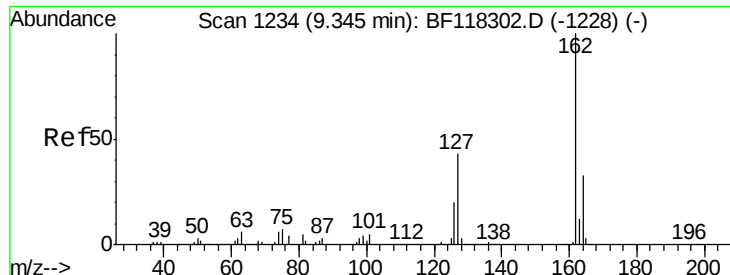
#46
1,1'-Biphenyl
Concen: 42.606 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:154 Resp: 981430
Ion Ratio Lower Upper
154 100
153 41.5 21.8 61.8
76 12.5 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

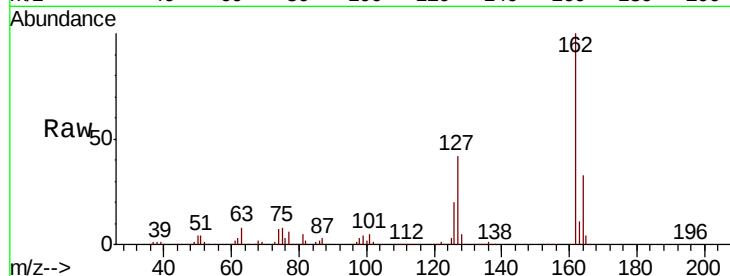




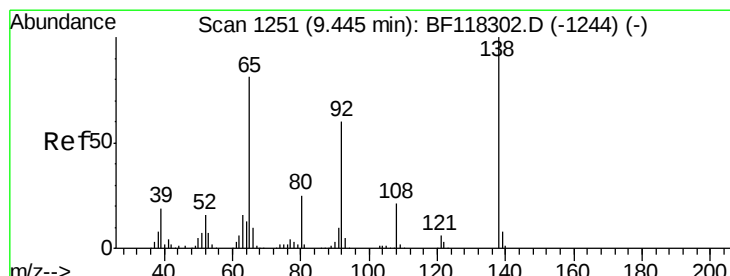
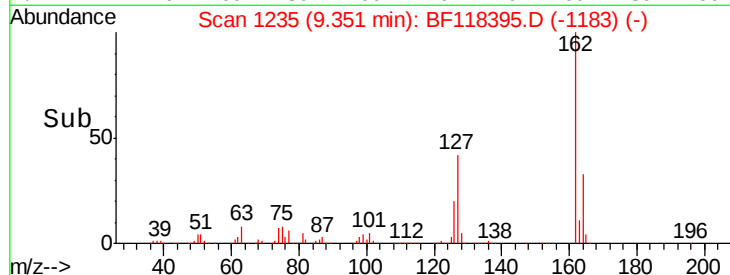
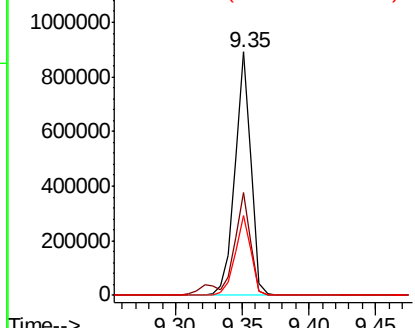
#47
 2-Chloronaphthalene
 Concen: 40.398 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	162	Resp:	748950
Ion	Ratio	Lower	Upper
162	100		
127	42.3	35.0	52.4
164	33.0	26.6	40.0

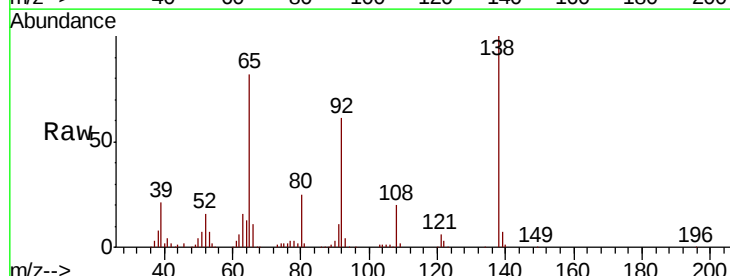


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

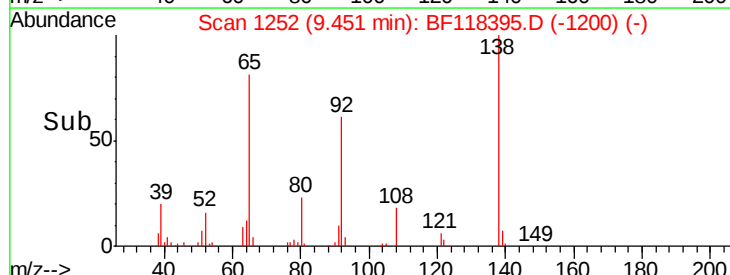
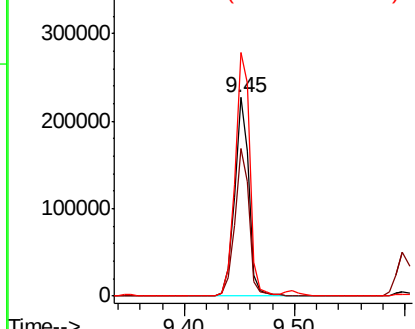


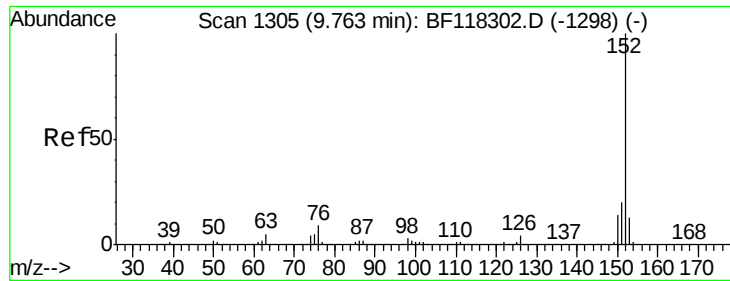
#48
 2-Nitroaniline
 Concen: 39.385 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion:	65	Resp:	206241
Ion	Ratio	Lower	Upper
65	100		
92	74.6	58.7	88.1
138	122.6	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: 41.945 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

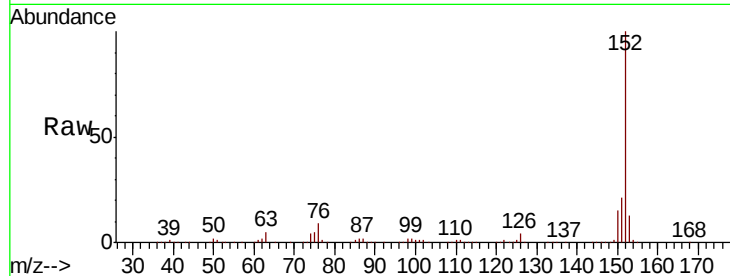
Tot Ion:152 Resp: 1153314

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

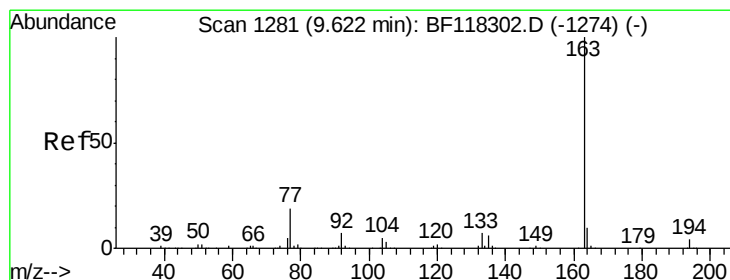
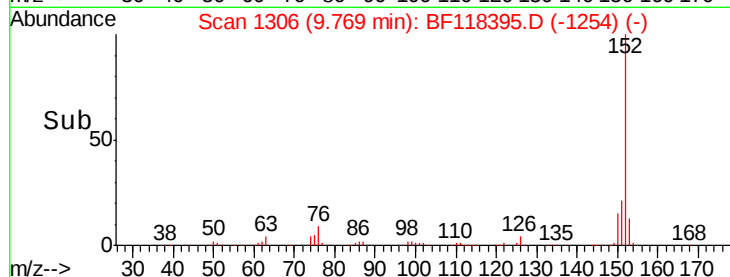
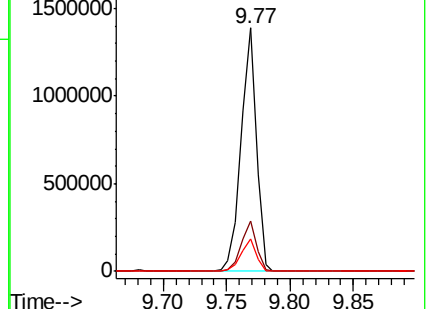
153 13.4 10.5 15.7



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: 45.889 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

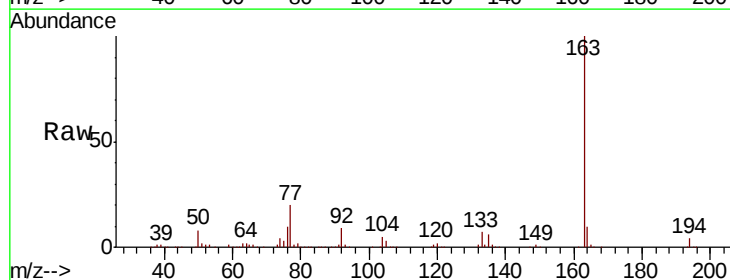
Tgt Ion:163 Resp: 1003180

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

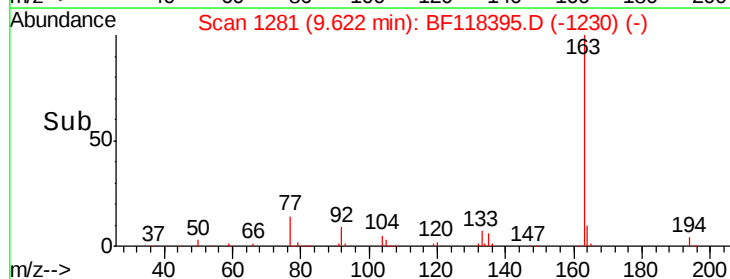
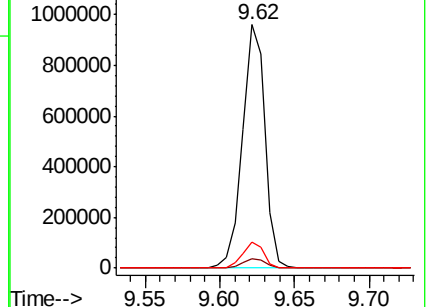
164 10.5 7.9 11.9

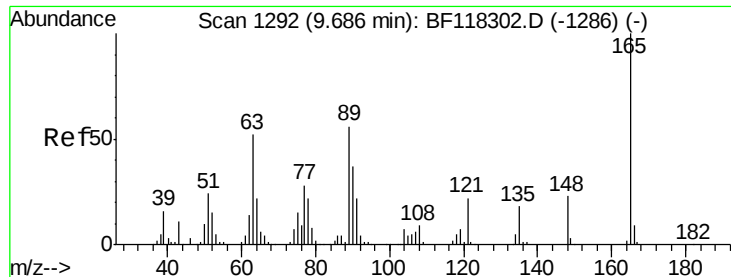


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

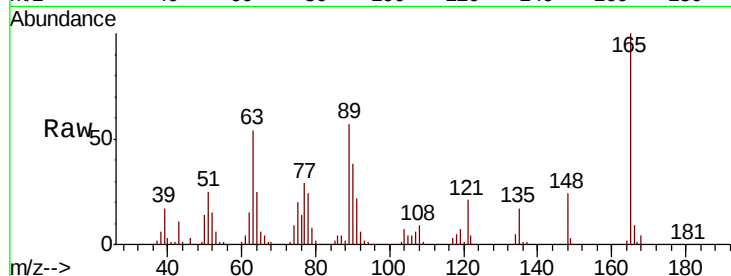




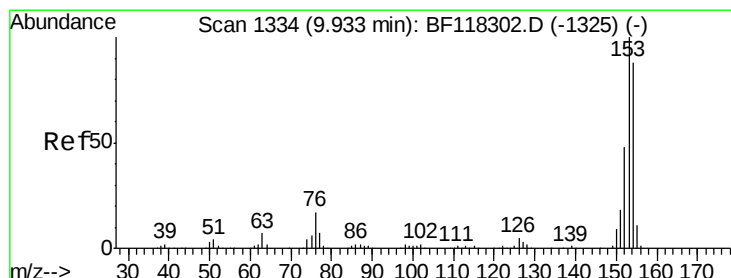
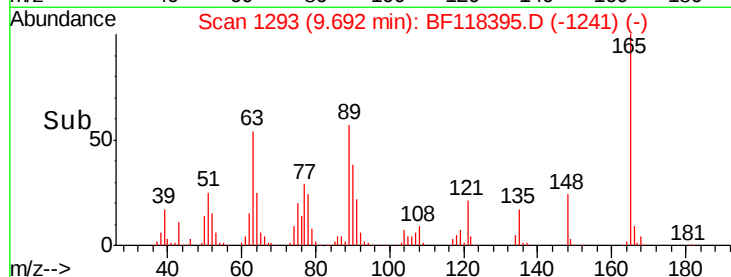
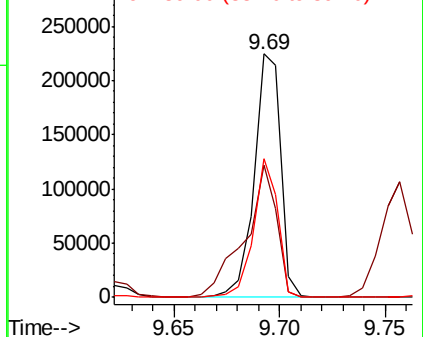
#51
2,6-Dinitrotoluene
Concen: 41.802 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	42.2	63.4
89	56.9	44.4	66.6

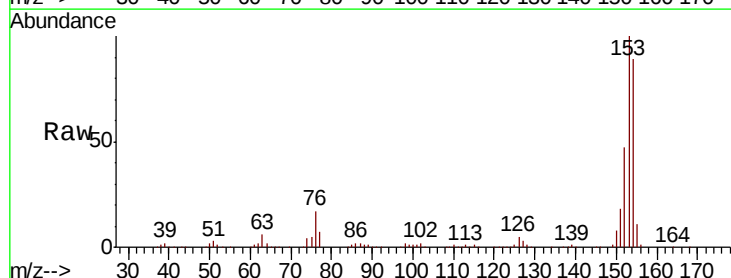


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

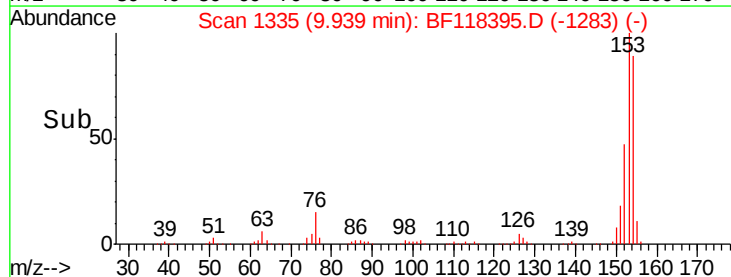
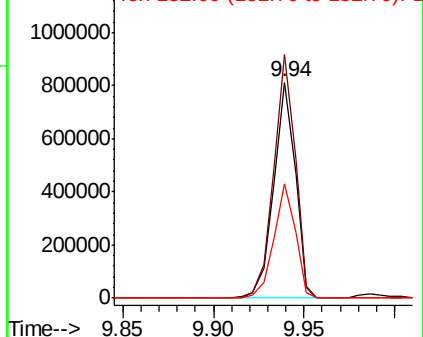


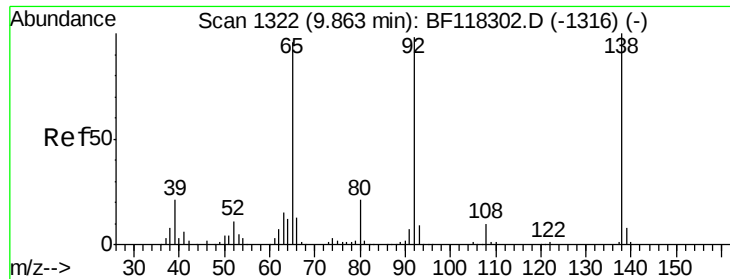
#52
Acenaphthene
Concen: 40.114 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.6	136.0
152	53.1	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: 17.847 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

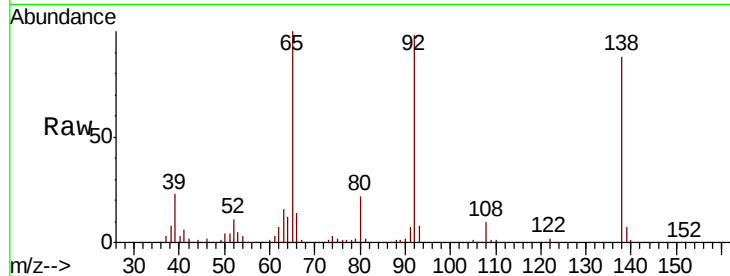
Tot Ion:138 Resp: 98725

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.8

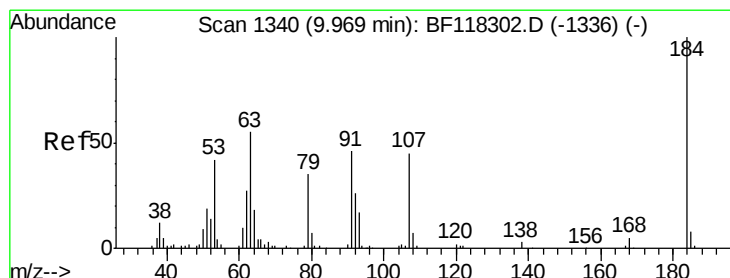
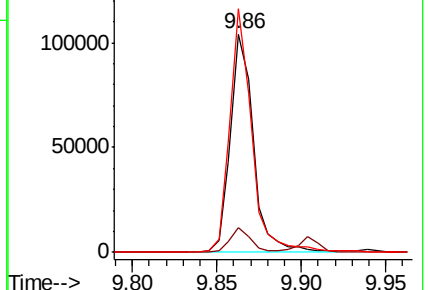
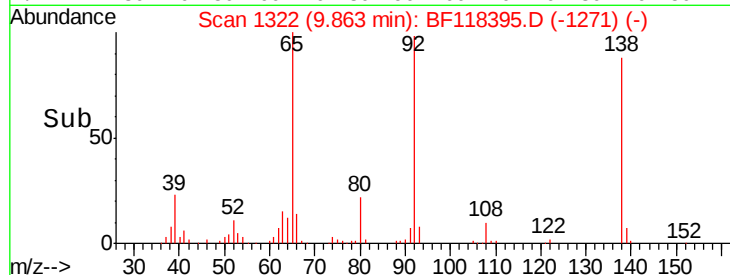
92 111.4 78.2 117.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 15.903 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.02 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

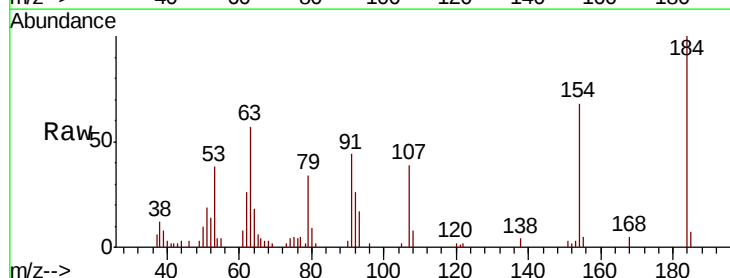
Tgt Ion:184 Resp: 27236

Ion Ratio Lower Upper

184 100

63 57.2 48.8 73.2

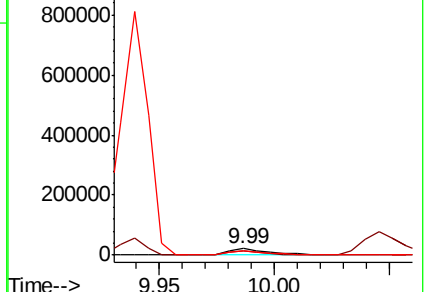
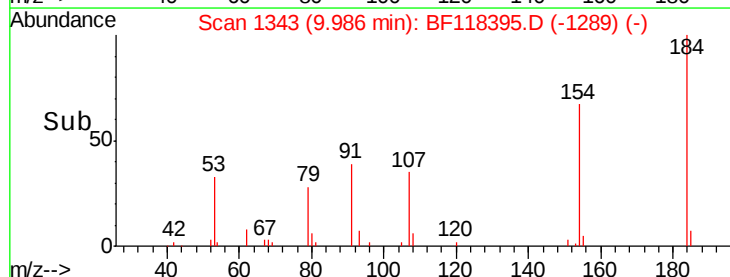
154 68.1 55.0 82.4

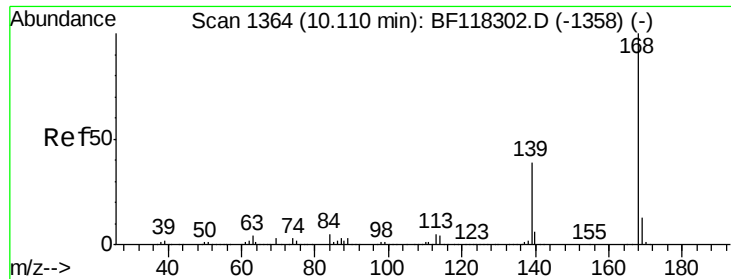


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

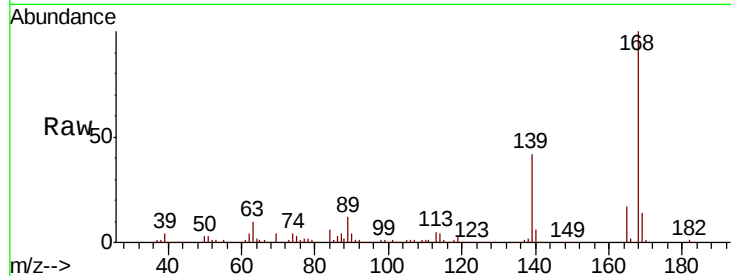




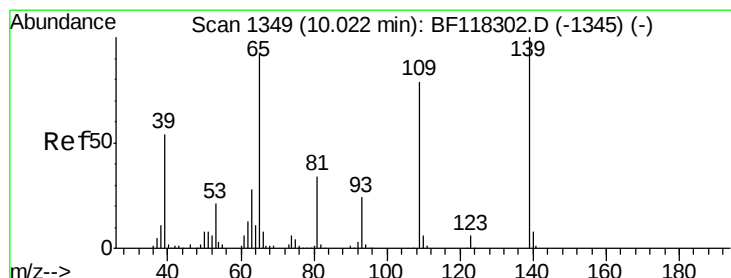
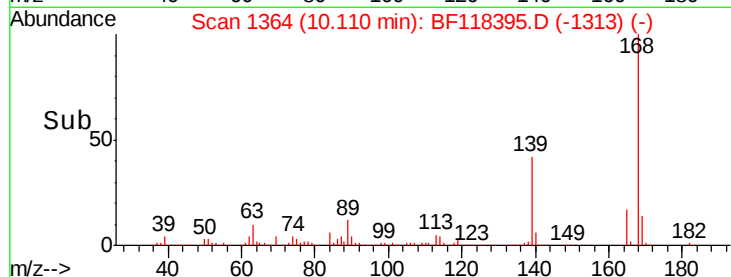
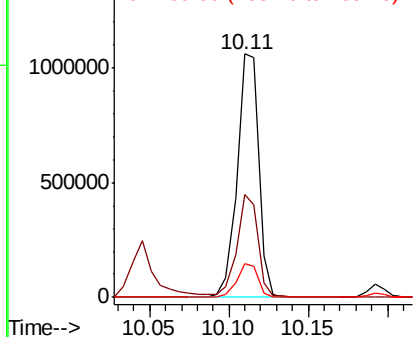
#55
Dibenzenofuran
Concen: 40.515 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1002602
Ion Ratio Lower Upper
168 100
139 42.3 31.5 47.3
169 13.8 10.4 15.6

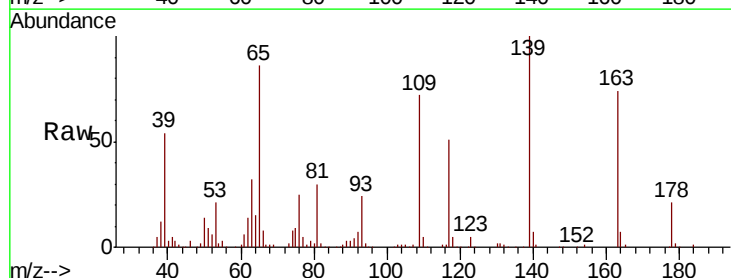


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

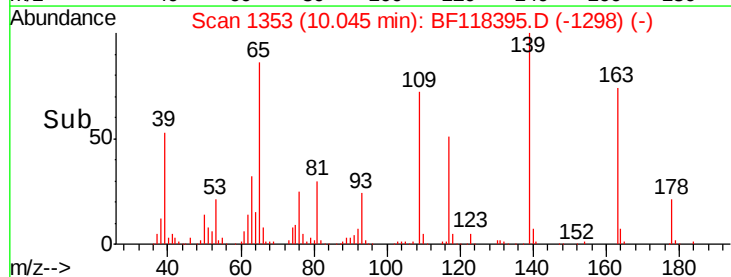
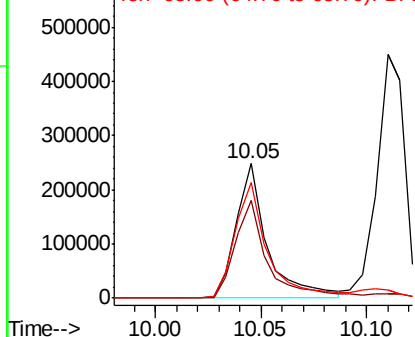


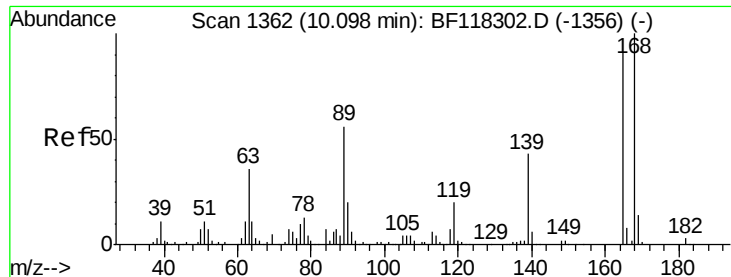
#56
4-Nitrophenol
Concen: 74.259 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:139 Resp: 253590
Ion Ratio Lower Upper
139 100
109 72.5 59.3 99.3
65 85.7 72.4 112.4



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

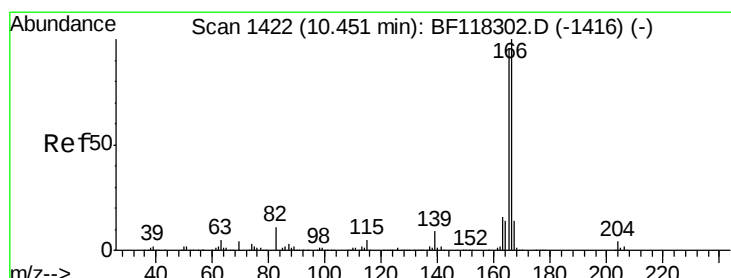
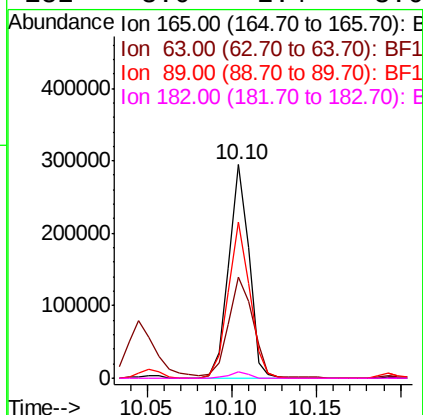
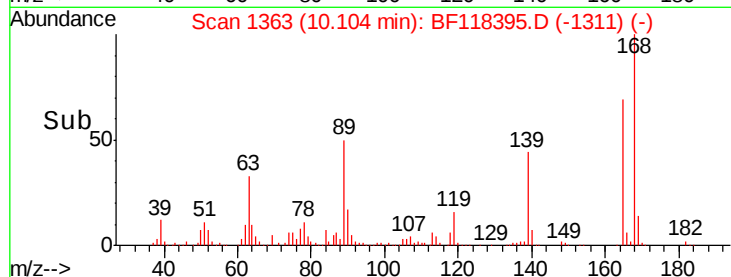
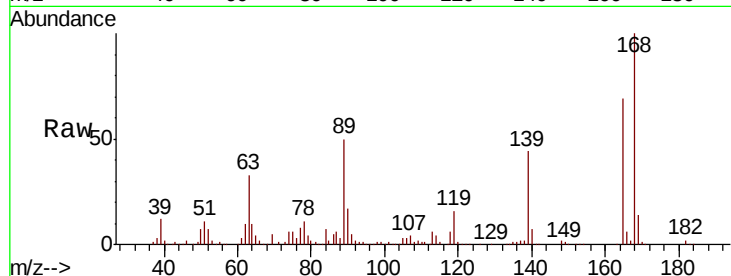




#57
 2,4-Dinitrotoluene
 Concen: 38.986 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

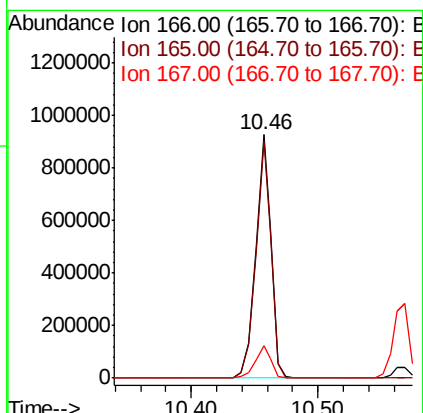
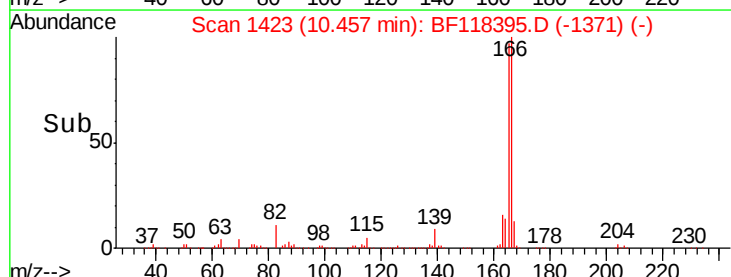
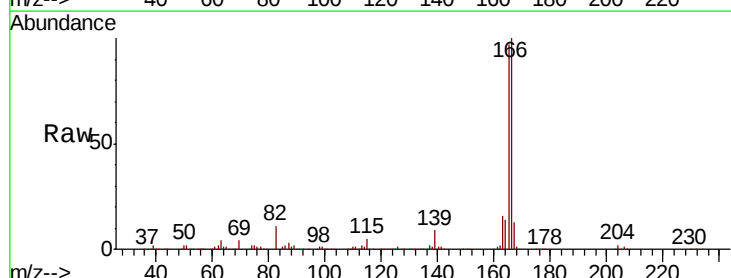
Instrument :
 BNA_F
 ClientSampleId :

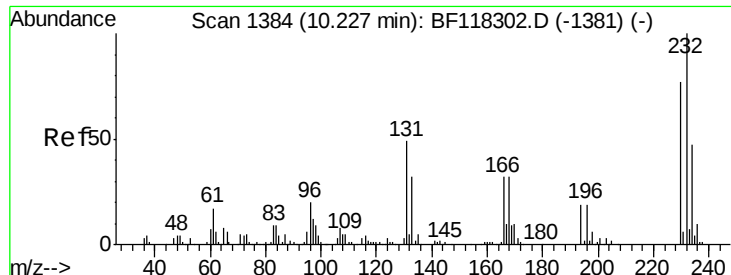
Tot Ion:	165	Resp:	245520
Ion	Ratio	Lower	Upper
165	100		
63	47.6	32.0	48.0
89	73.2	49.3	73.9
182	3.0	2.4	3.6



#58
 Fluorene
 Concen: 39.334 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion:	166	Resp:	785769
Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	13.5	10.9	16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 38.048 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 194409

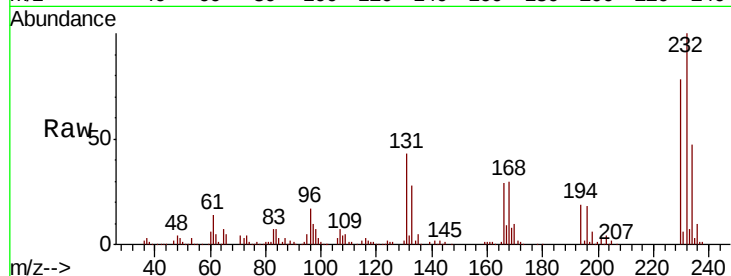
Ion Ratio Lower Upper

232 100

131 46.0 37.7 56.5

130 2.4 2.0 3.0

166 30.9 24.7 37.1

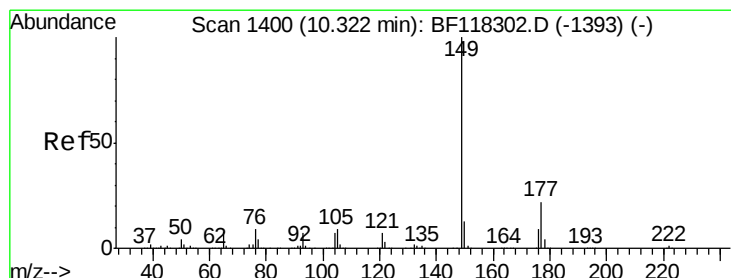
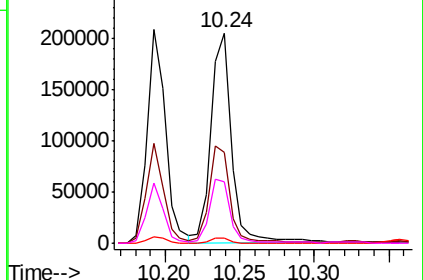
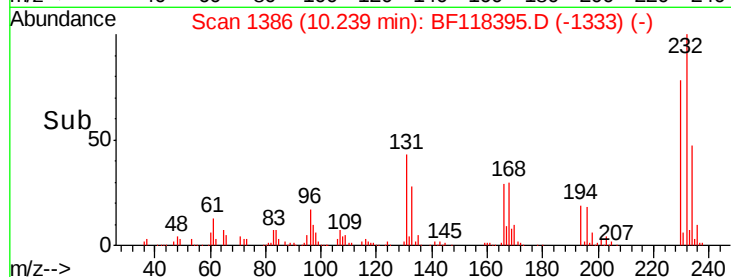


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.352 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

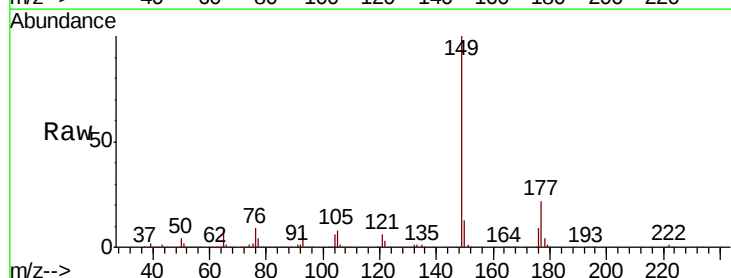
Tgt Ion:149 Resp: 915945

Ion Ratio Lower Upper

149 100

177 22.5 17.9 26.9

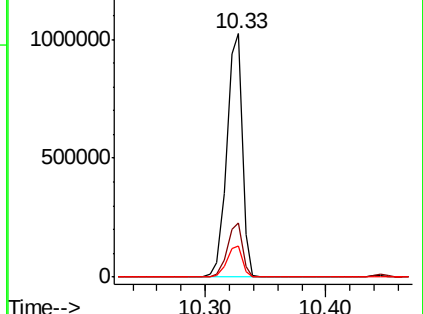
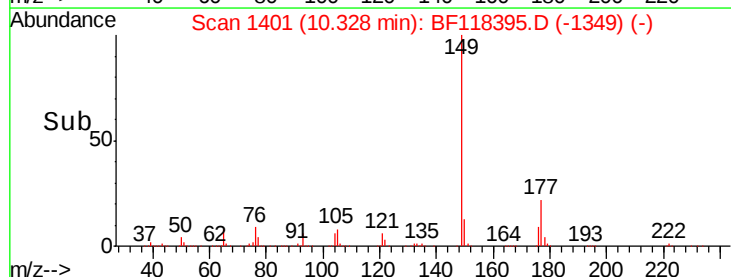
150 12.5 10.2 15.2

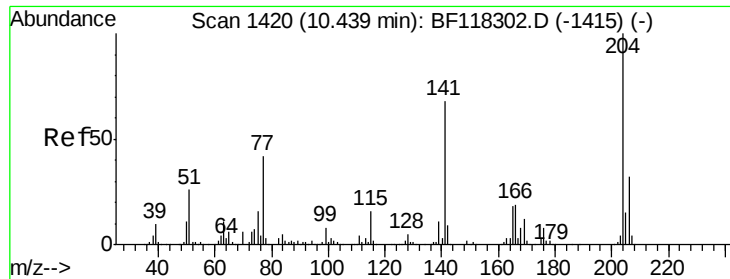


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

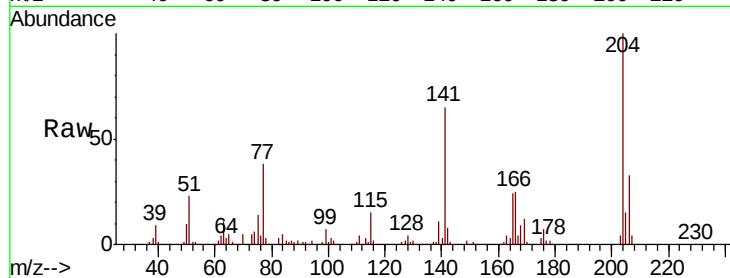




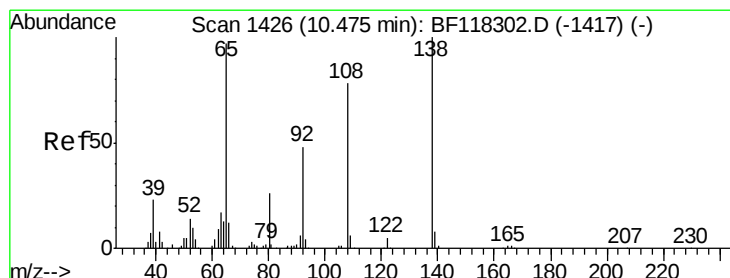
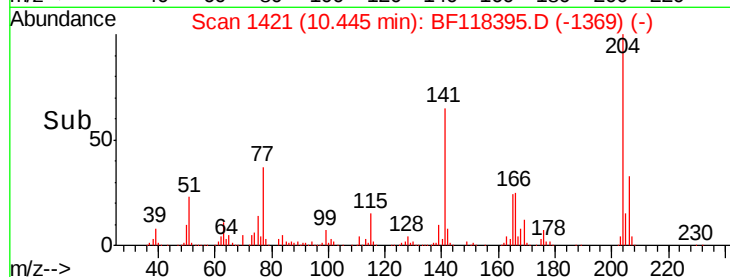
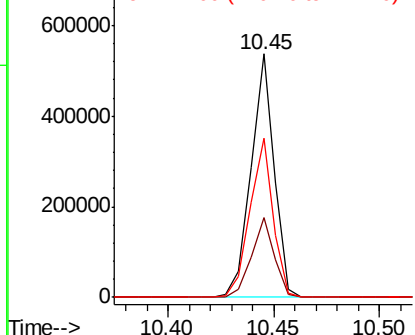
#61
4-Chlorophenyl-phenylether
Concen: 40.999 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 408860
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 65.2 54.2 81.4

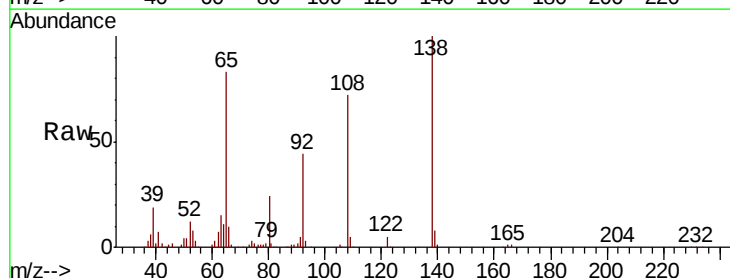


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

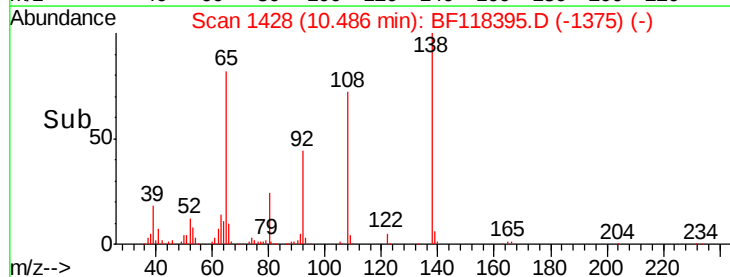
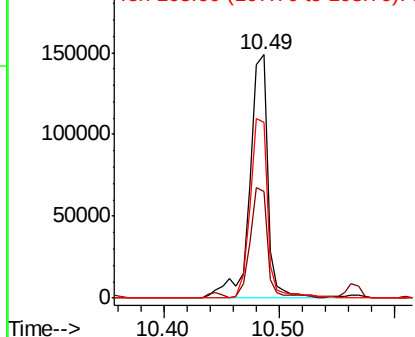


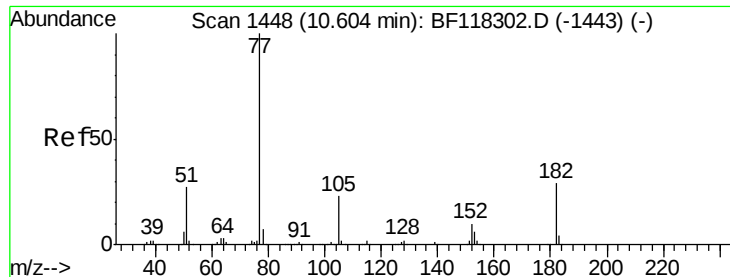
#62
4-Nitroaniline
Concen: 28.451 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:138 Resp: 163497
Ion Ratio Lower Upper
138 100
92 43.7 27.9 67.9
108 72.2 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: 39.946 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

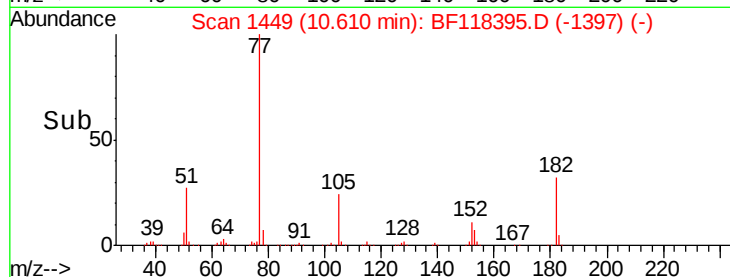
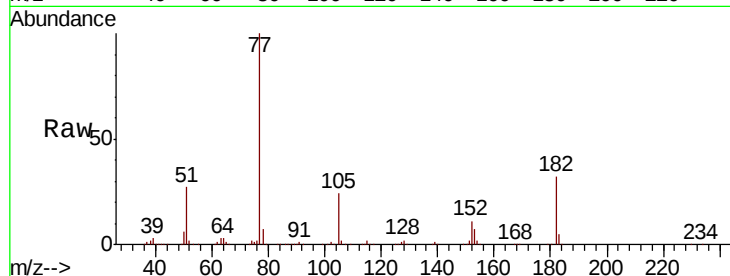
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 739989

Ion	Ratio	Lower	Upper
77	100		
182	31.9	9.2	49.2
105	24.0	3.2	43.2
51	26.7	7.1	47.1

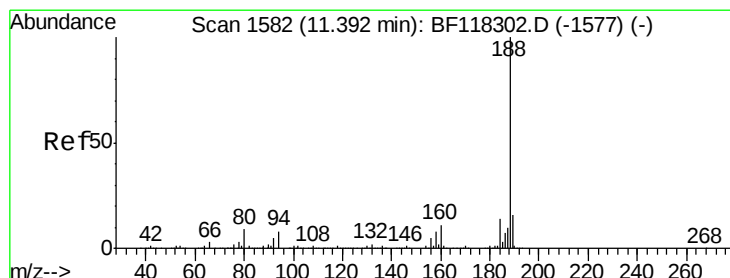


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

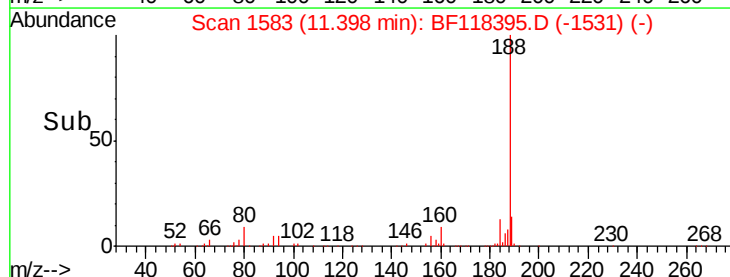
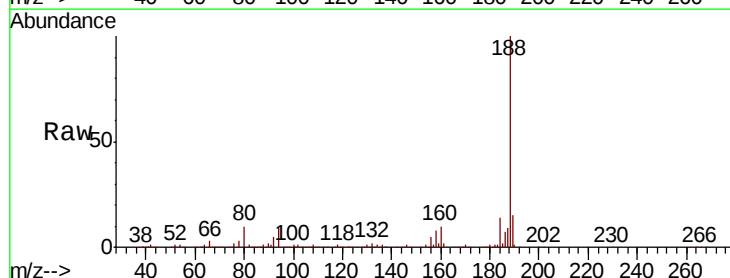
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion: 188 Resp: 452135

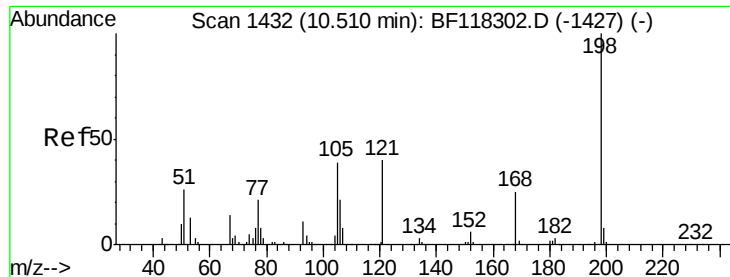
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.7	10.1
80	9.6	7.2	10.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

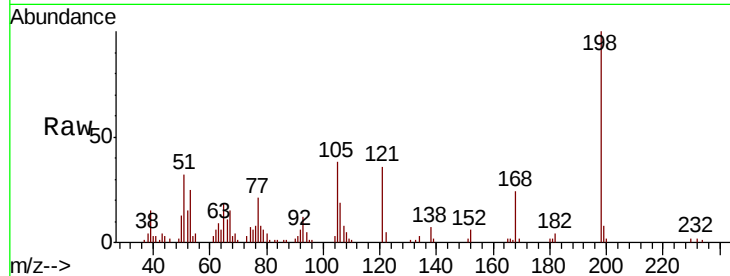
Ion 80.00 (79.70 to 80.70): BF1



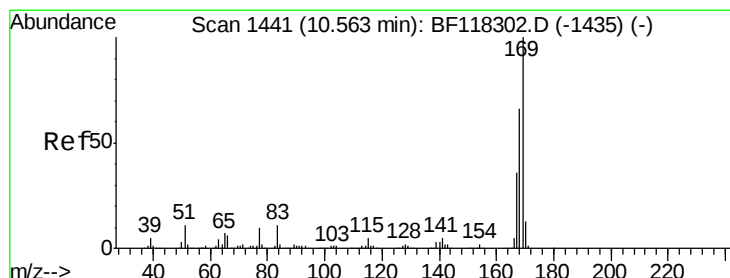
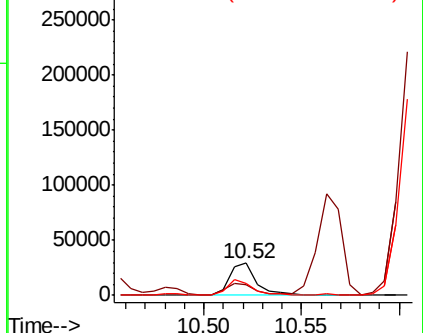
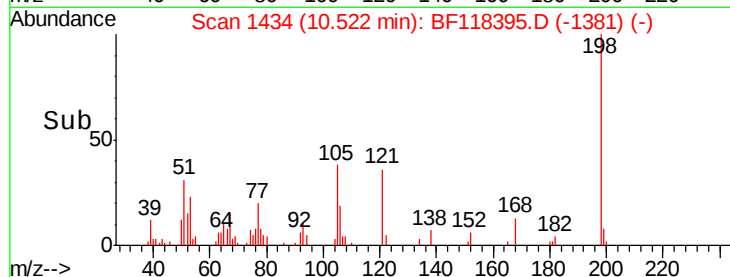
#65
4,6-Dinitro-2-methylphenol
Concen: 11.562 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 28200
Ion Ratio Lower Upper
198 100
51 32.4 12.8 52.8
105 37.8 20.3 60.3

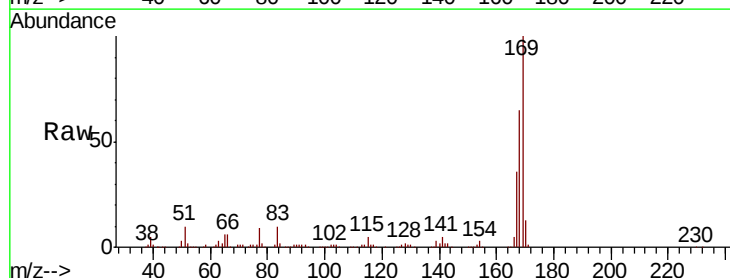


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

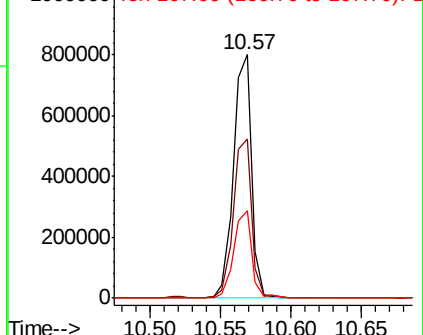
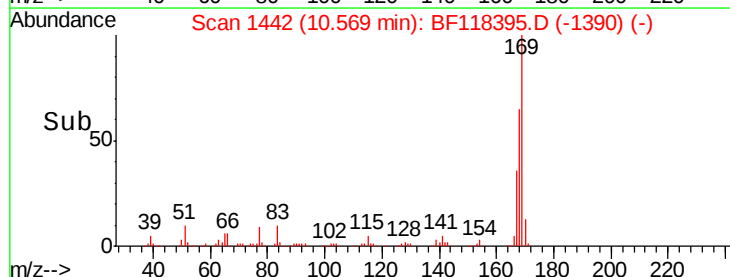


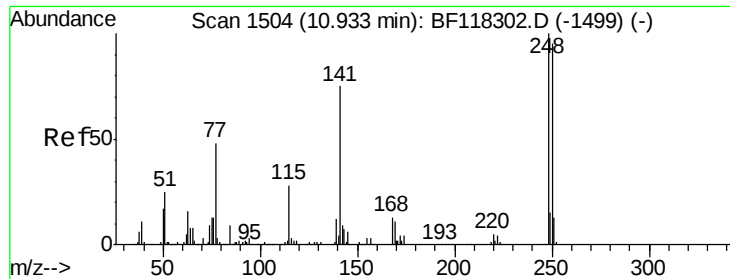
#66
n-Nitrosodiphenylamine
Concen: 49.146 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:169 Resp: 712164
Ion Ratio Lower Upper
169 100
168 65.4 52.6 79.0
167 35.7 28.4 42.6



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





#67

4-Bromophenyl-phenylether

Concen: 45.878 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

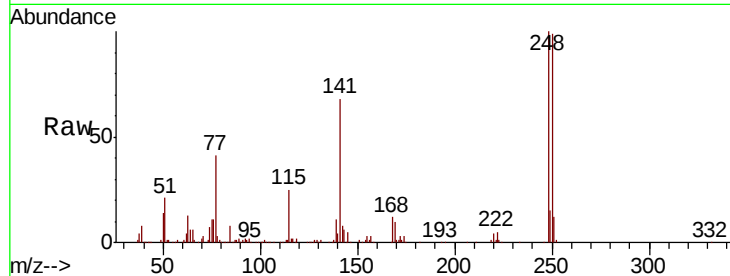
Tot Ion:248 Resp: 242752

Ion Ratio Lower Upper

248 100

250 99.2 76.4 114.6

141 67.8 60.2 90.2

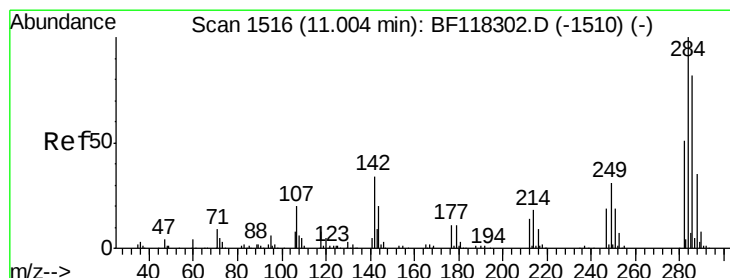
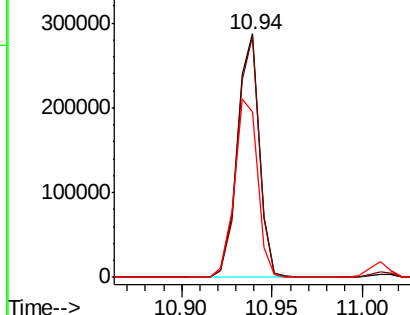
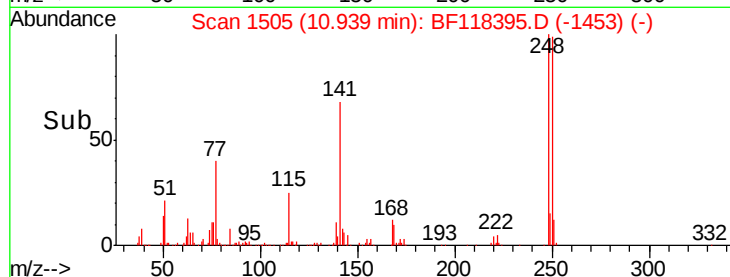


Abundance

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: 41.215 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

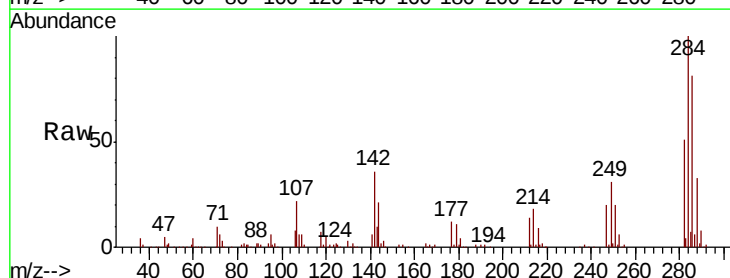
Tgt Ion:284 Resp: 256700

Ion Ratio Lower Upper

284 100

142 35.9 27.3 40.9

249 31.1 25.0 37.6

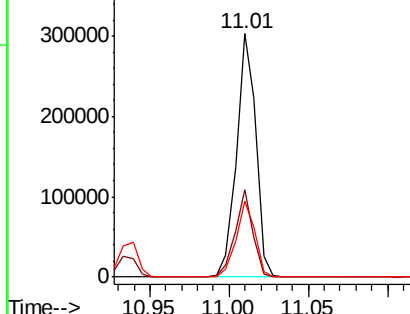
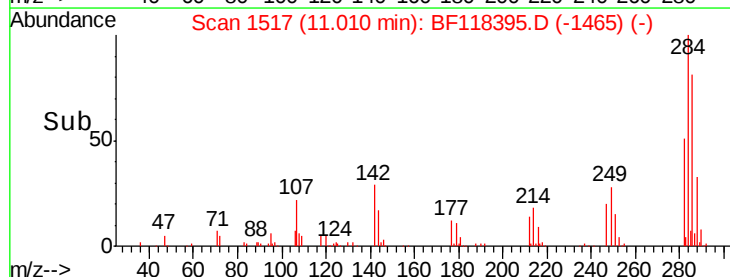


Abundance

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

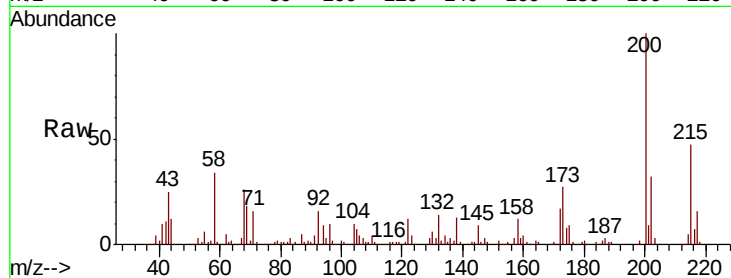




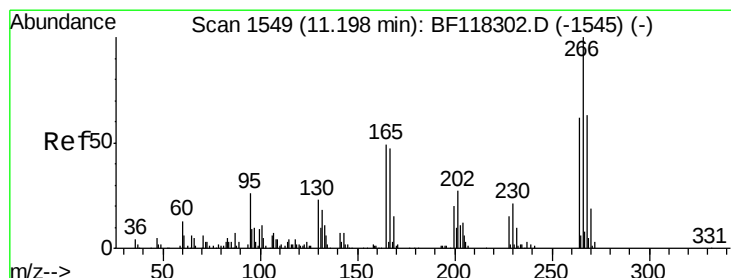
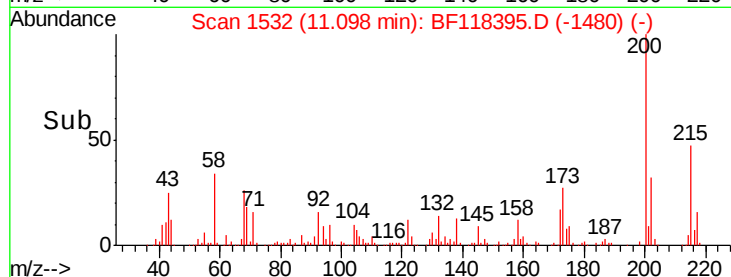
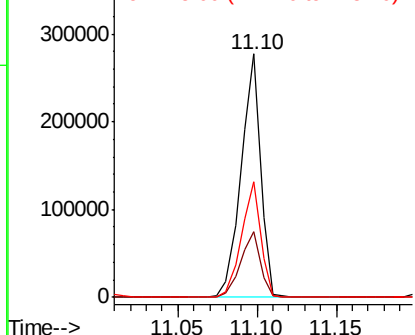
#69
Atrazine
Concen: 52.840 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 236319
Ion Ratio Lower Upper
200 100
173 27.1 5.8 45.8
215 47.2 25.1 65.1

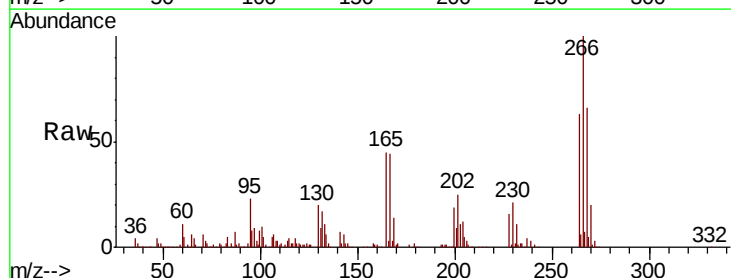


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

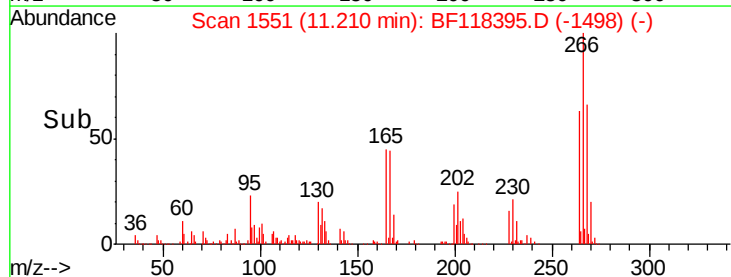
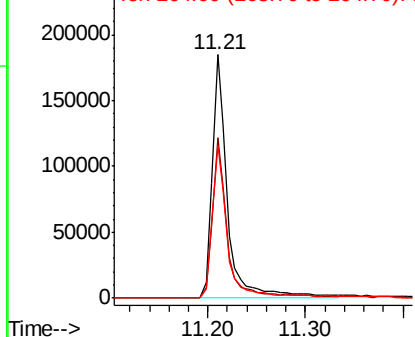


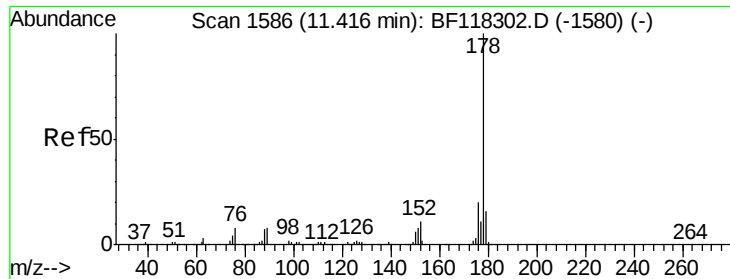
#70
Pentachlorophenol
Concen: 75.035 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:266 Resp: 202397
Ion Ratio Lower Upper
266 100
268 66.0 50.6 76.0
264 62.7 49.9 74.9



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

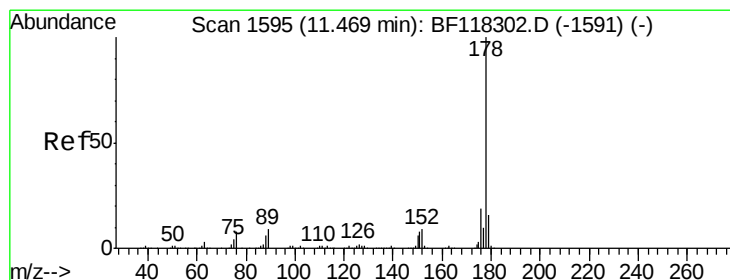
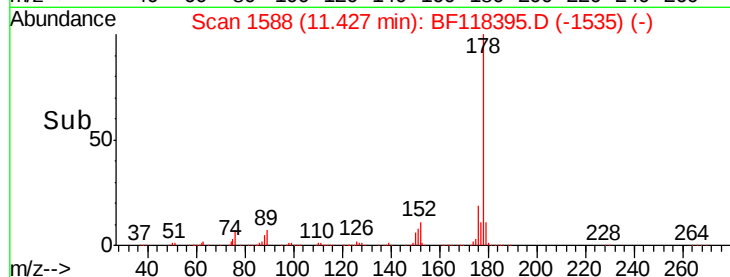
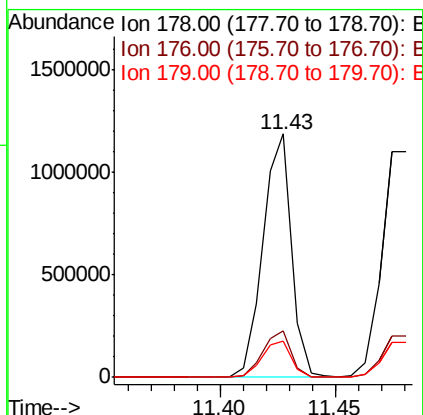
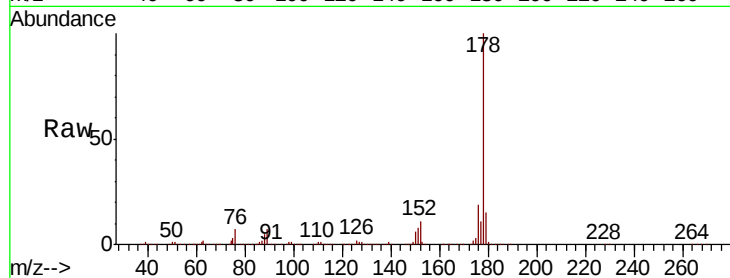




#71
Phenanthrene
Concen: 41.466 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

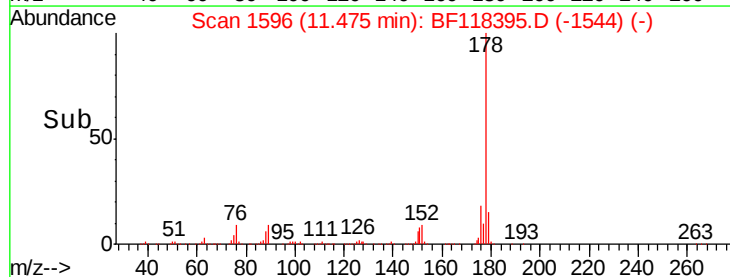
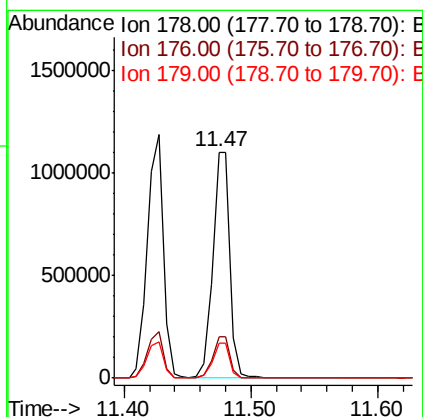
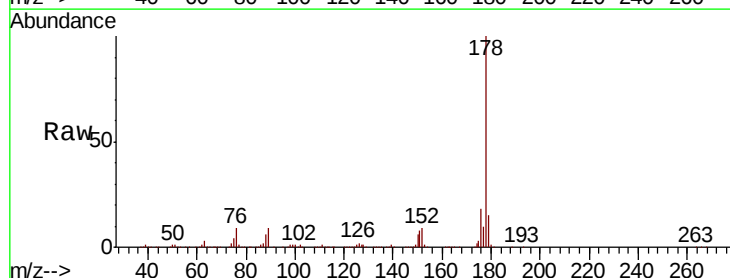
Instrument :
BNA_F
ClientSampleId :

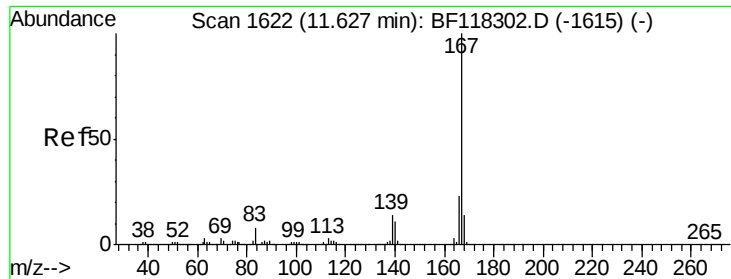
Tot Ion:178 Resp: 1022056
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 14.9 12.6 19.0



#72
Anthracene
Concen: 42.714 ng
RT: 11.47 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:178 Resp: 1053802
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.4 12.9 19.3

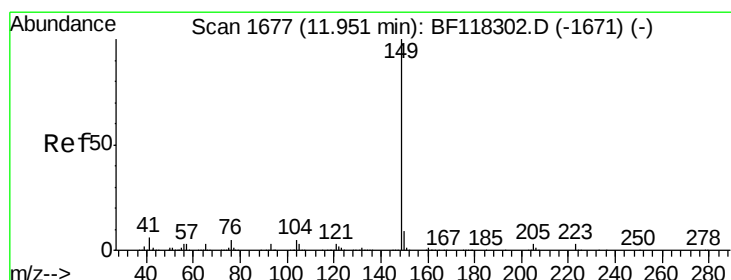
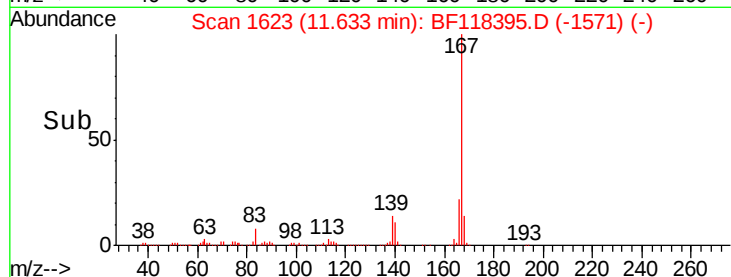
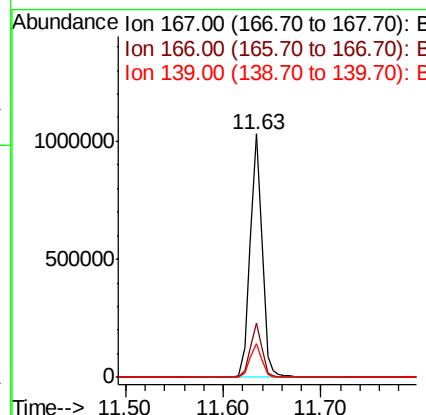
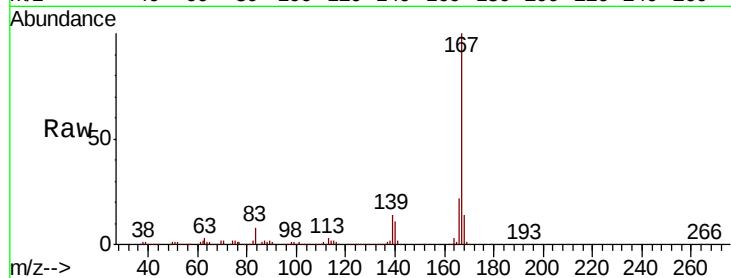




#73
 Carbazole
 Concen: 40.563 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

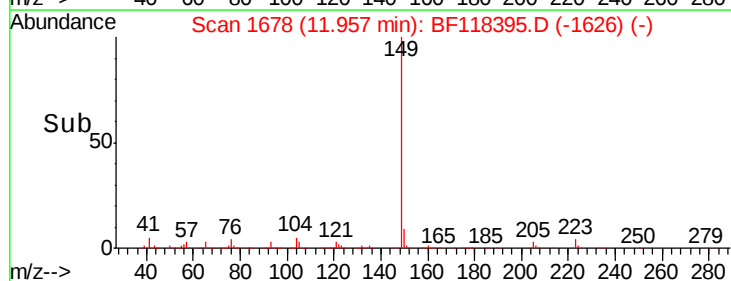
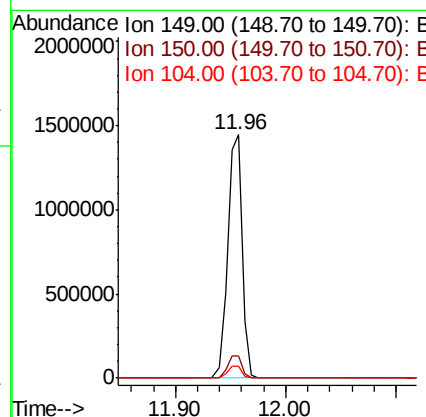
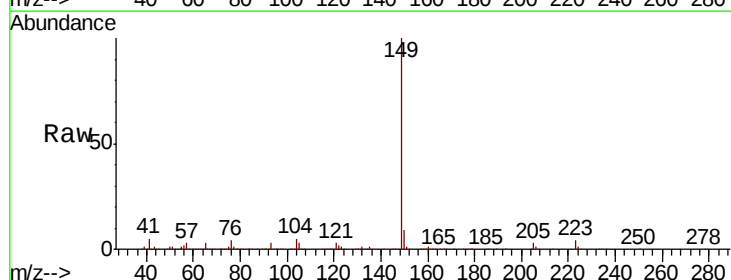
Instrument :
 BNA_F
 ClientSampleId :

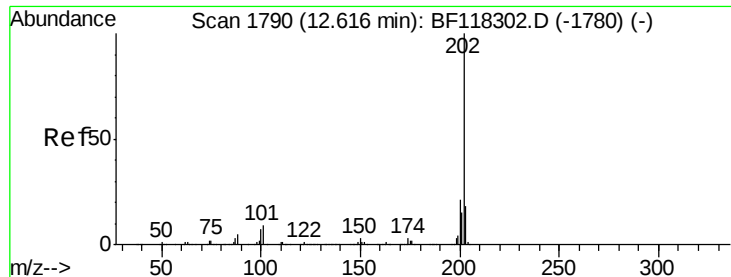
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.9	11.5	17.3



#74
 Di-n-butylphthalate
 Concen: 47.596 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	4.9	4.0	6.0





#75

Fluoranthene

Concen: 36.694 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampled :

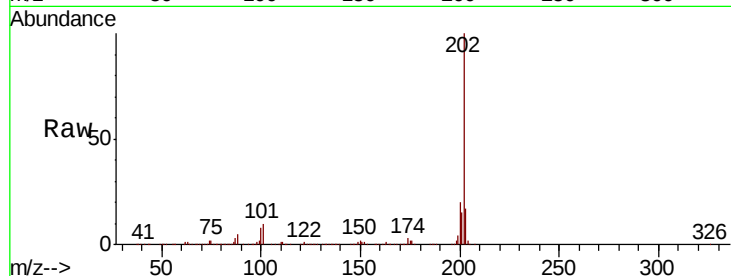
Tot Ion:202 Resp: 912780

Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.5

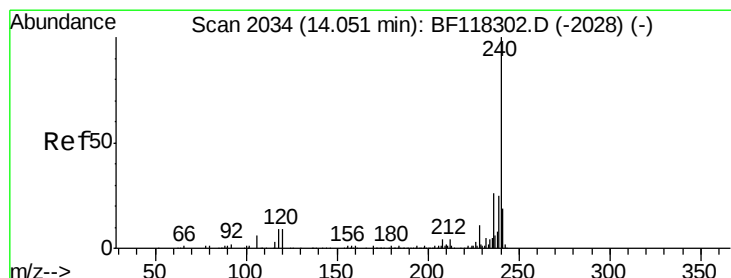
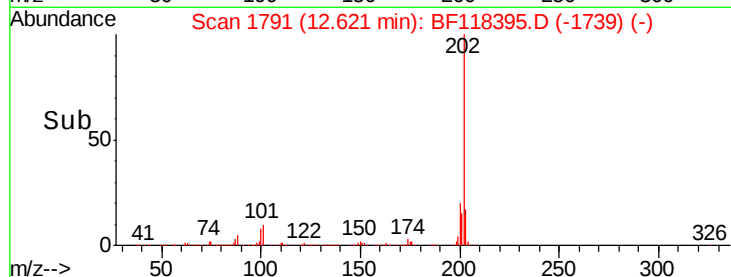
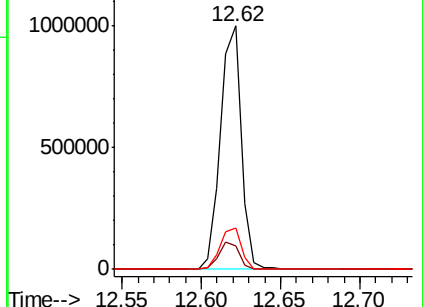
203 17.1 0.0 37.6



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: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

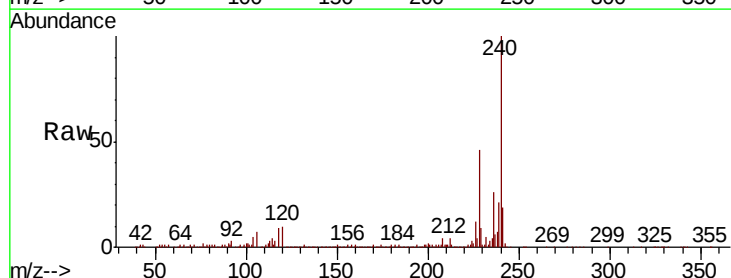
Tgt Ion:240 Resp: 290476

Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

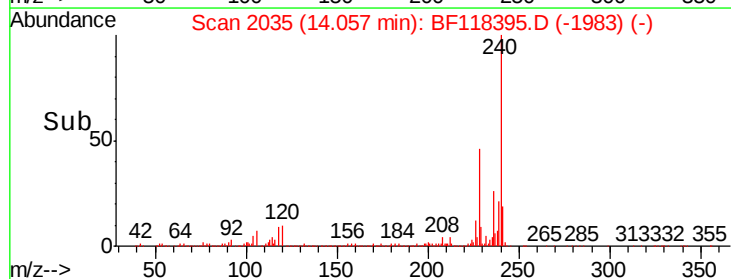
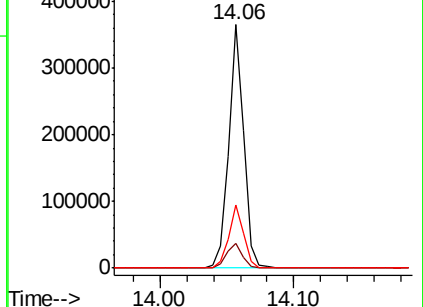
236 25.9 21.0 31.6

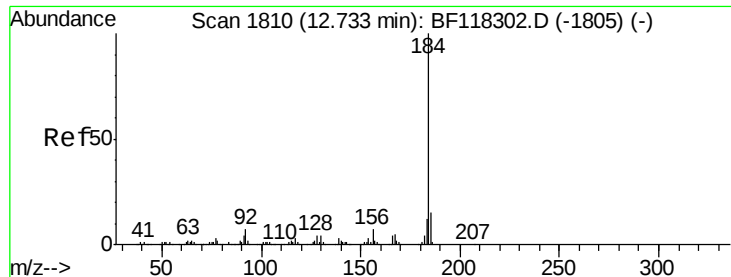


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 93.673 ng

RT: 12.75 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

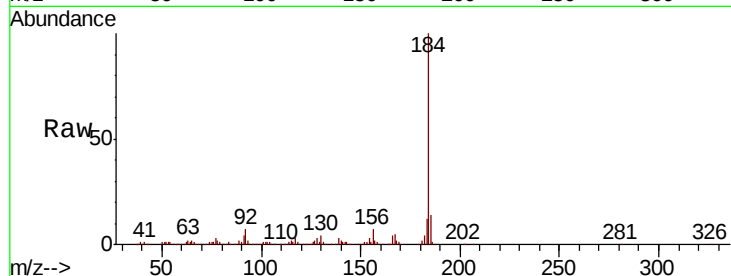
Tot Ion:184 Resp: 745561

Ion Ratio Lower Upper

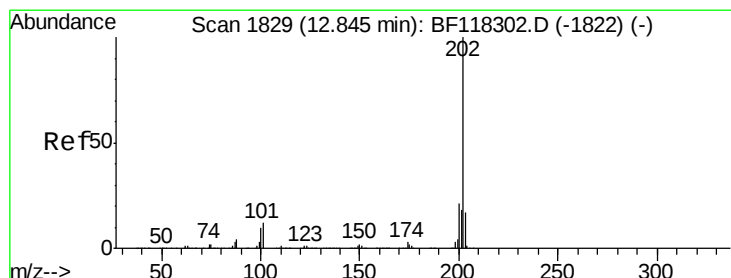
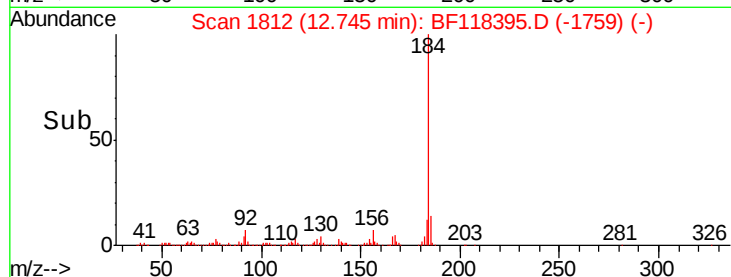
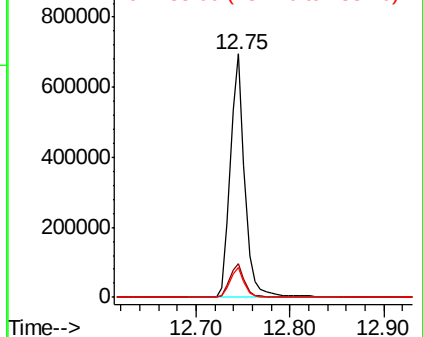
184 100

185 13.9 12.3 18.5

183 12.2 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.197 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

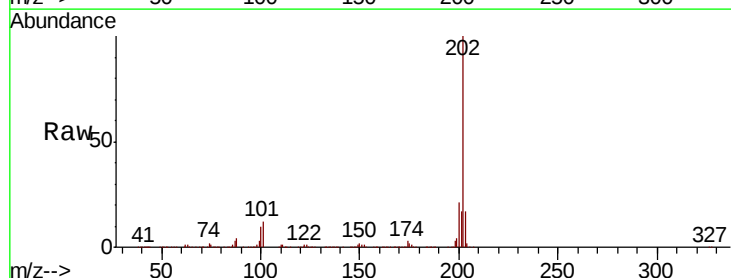
Tgt Ion:202 Resp: 906048

Ion Ratio Lower Upper

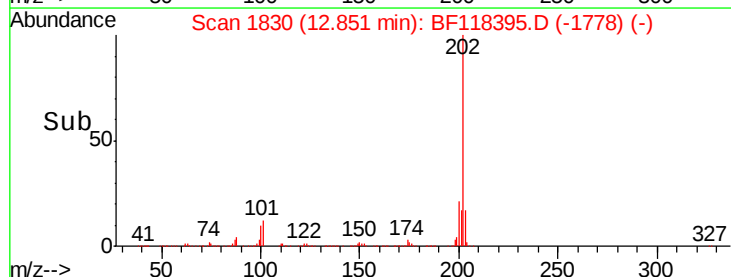
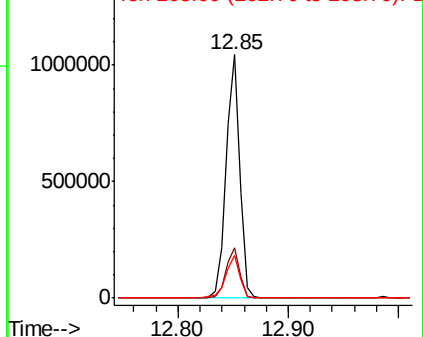
202 100

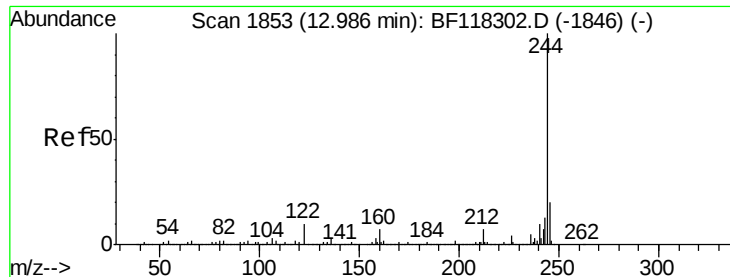
200 20.7 16.8 25.2

203 17.4 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: 69.510 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

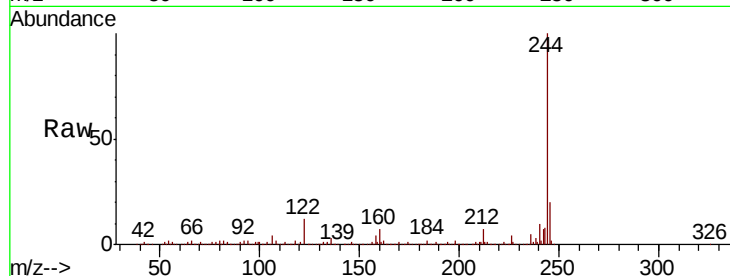
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1217041

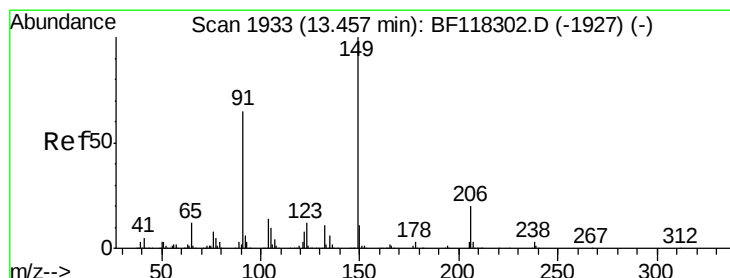
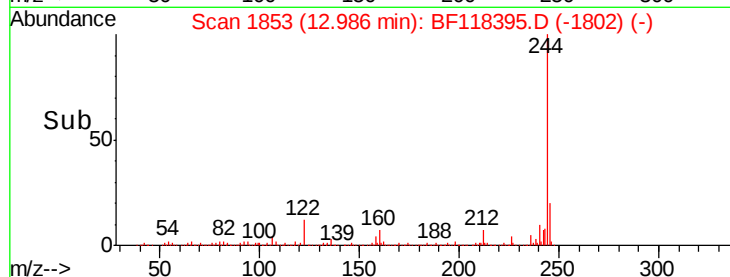
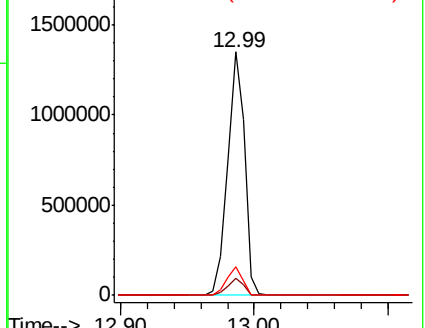
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	11.6	7.8	11.8



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: 42.688 ng

RT: 13.46 min Scan# 1934

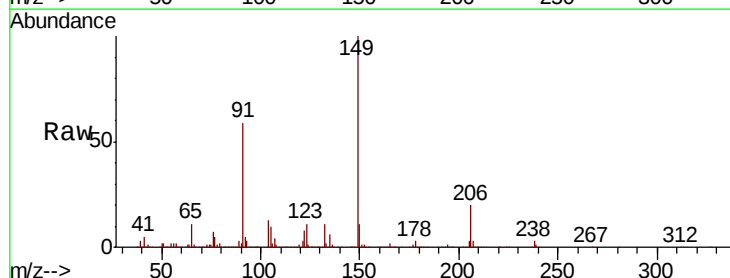
Delta R.T. 0.01 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Tgt Ion:149 Resp: 455921

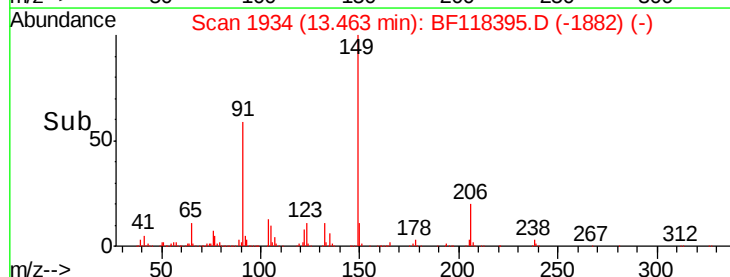
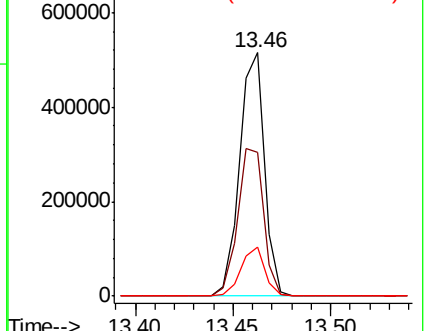
Ion	Ratio	Lower	Upper
149	100		
91	59.2	51.8	77.6
206	20.0	15.7	23.5

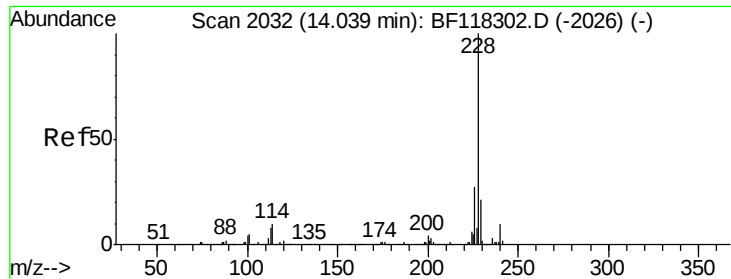


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

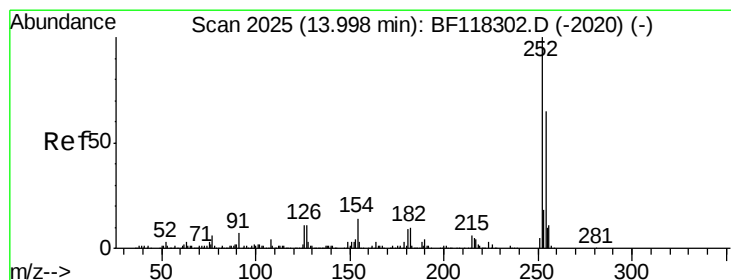
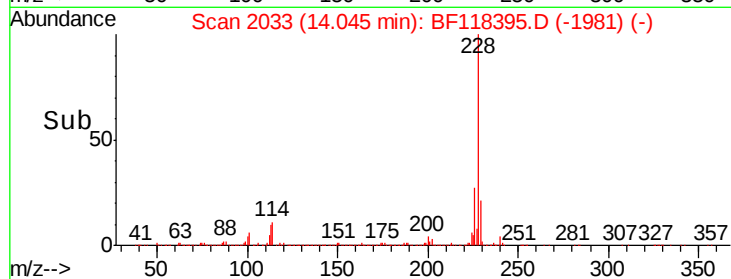
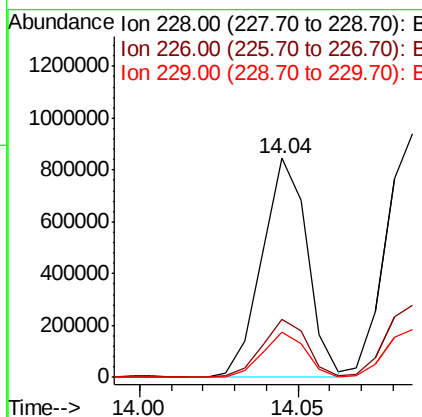
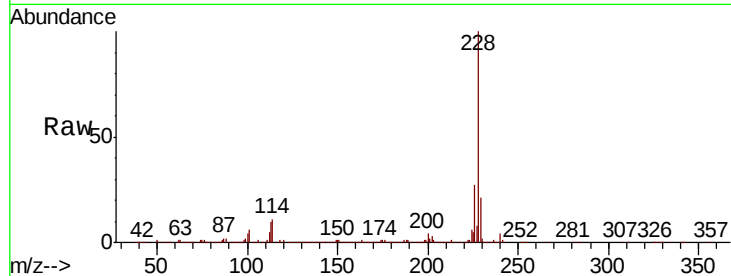




#81
Benzo(a)anthracene
Concen: 41.137 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

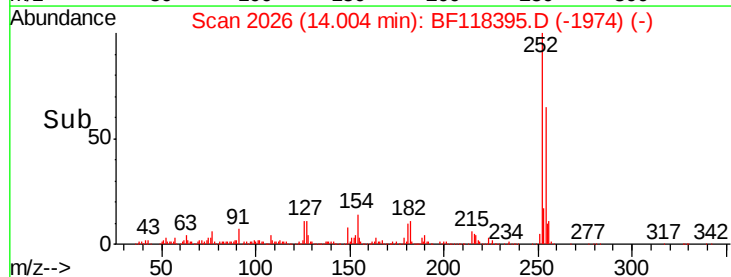
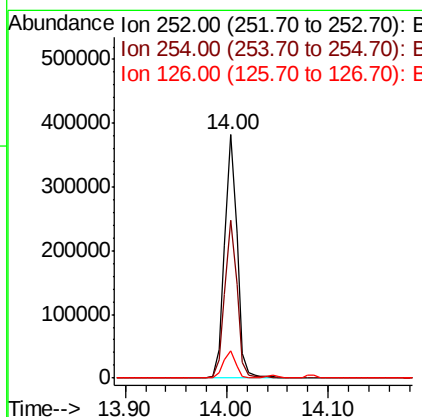
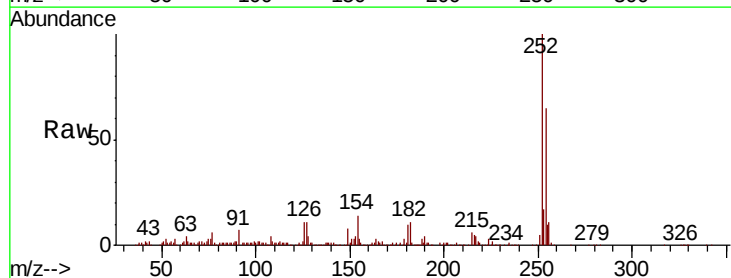
Instrument :
BNA_F
ClientSampleId :

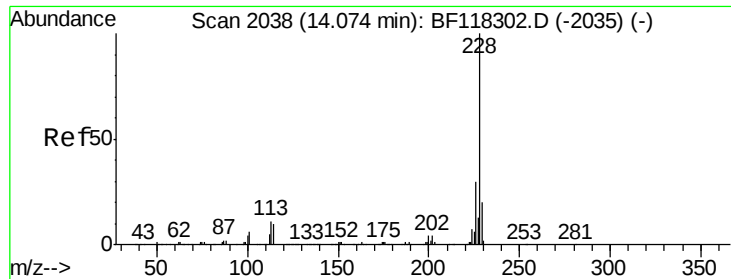
Tot Ion:228 Resp: 836416
Ion Ratio Lower Upper
228 100
226 26.7 22.0 33.0
229 20.6 16.6 24.8



#82
3,3'-Dichlorobenzidine
Concen: 48.031 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:252 Resp: 331118
Ion Ratio Lower Upper
252 100
254 64.8 51.8 77.8
126 10.9 8.7 13.1

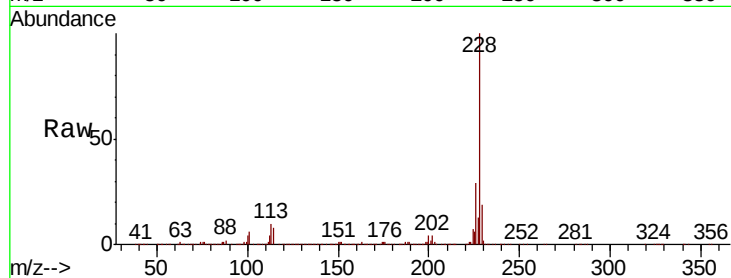




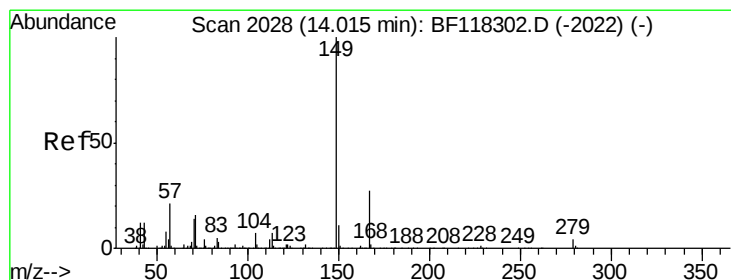
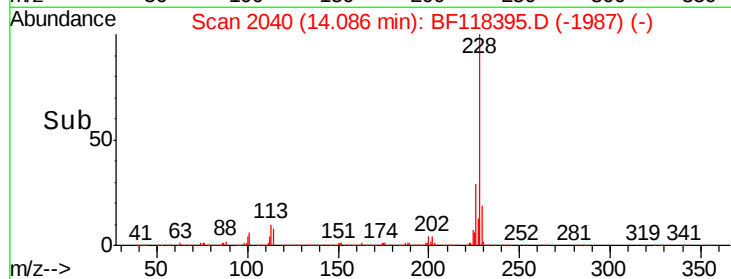
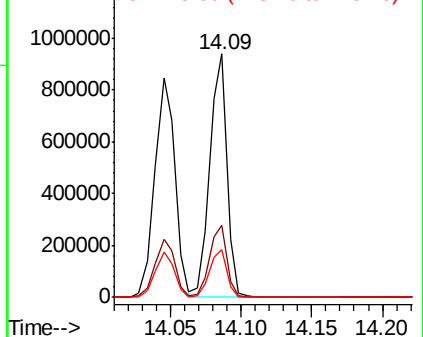
#83
 Chrysene
 Concen: 40.947 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 797196
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.9 35.9
 229 19.4 16.1 24.1

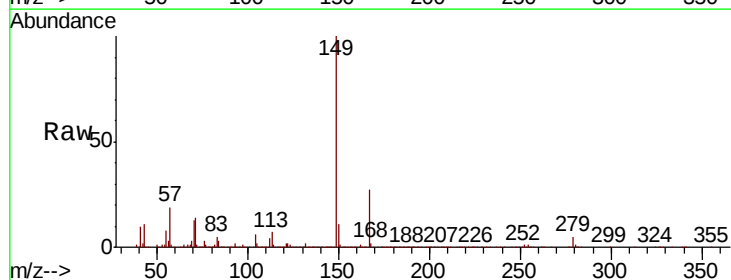


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

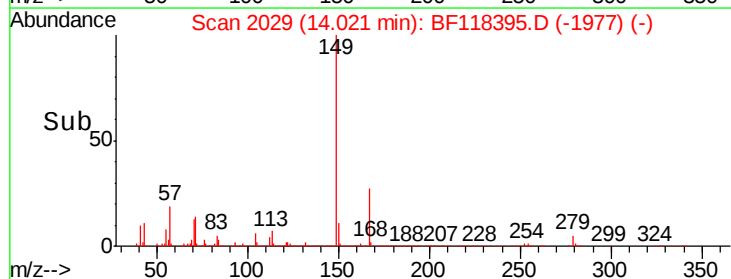
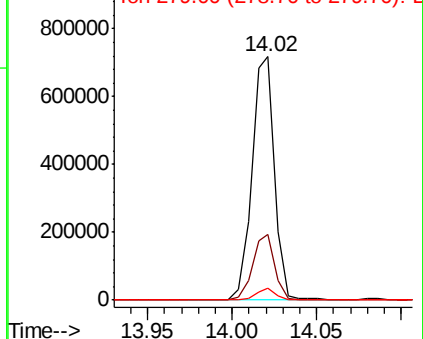


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.576 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF118395.D
 Acq: 30 Dec 2019 21:52

Tgt Ion:149 Resp: 668150
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.3 31.9
 279 4.7 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: 53.745 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

Instrument :

BNA_F

ClientSampleId :

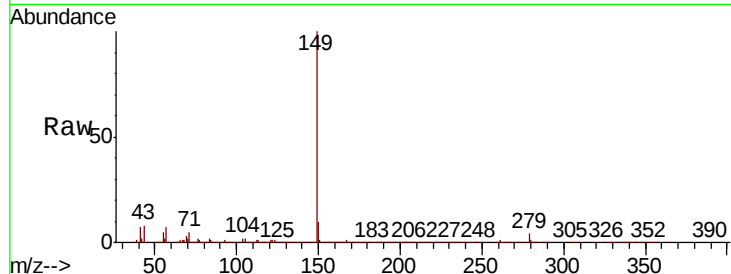
Tot Ion:149 Resp: 1110283

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

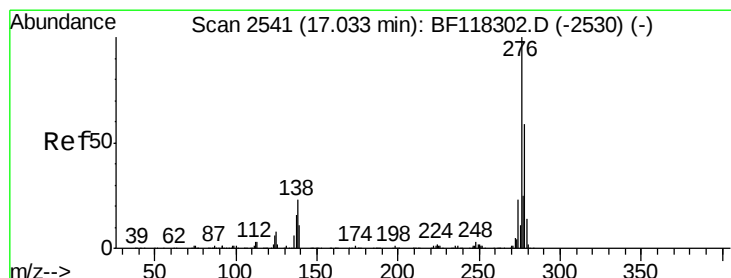
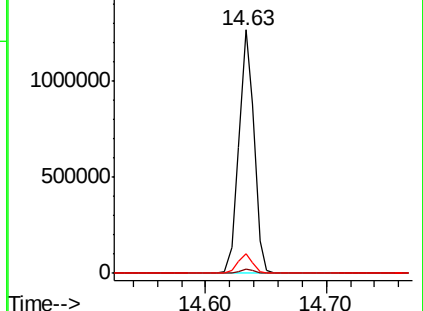
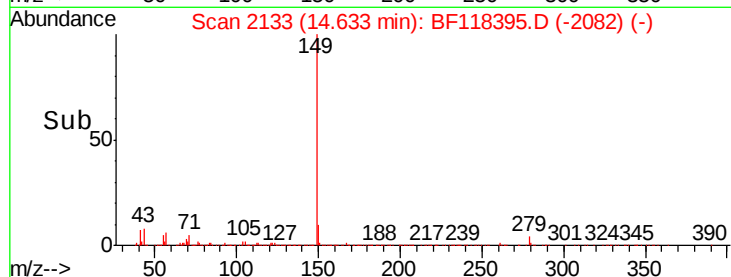
43 7.4 6.1 9.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.095 ng

RT: 17.07 min Scan# 2547

Delta R.T. 0.04 min

Lab File: BF118395.D

Acq: 30 Dec 2019 21:52

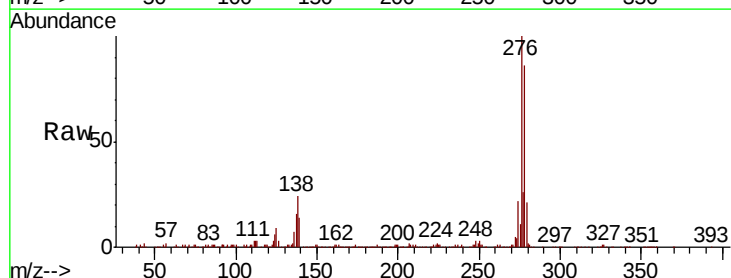
Tgt Ion:276 Resp: 615345

Ion Ratio Lower Upper

276 100

138 24.7 19.5 29.3

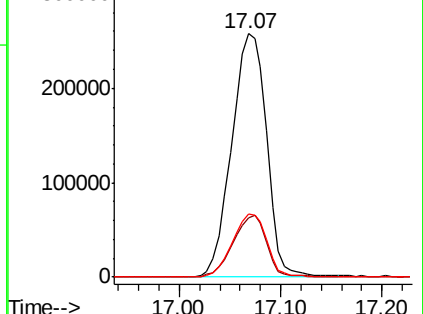
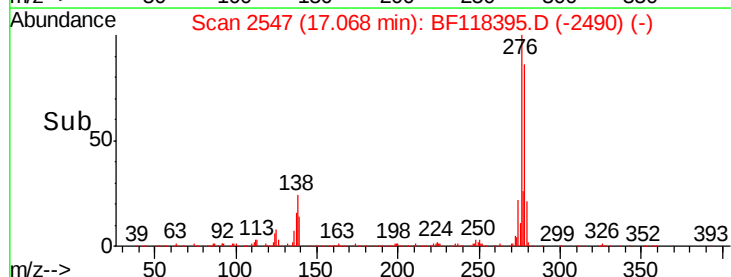
277 25.7 20.6 30.8

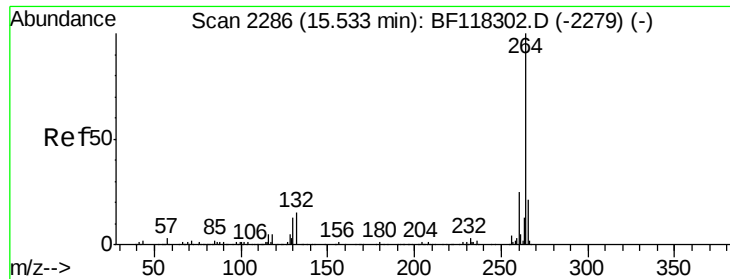


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

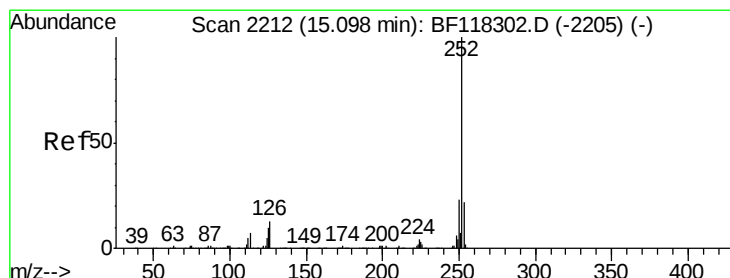
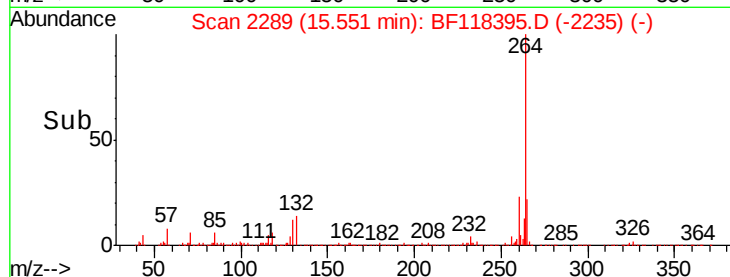
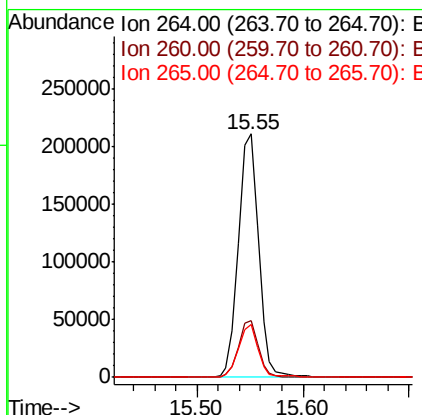
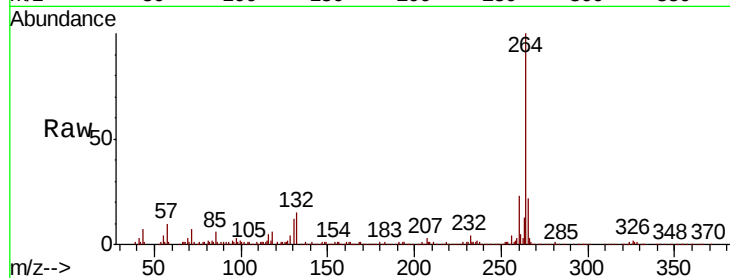




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

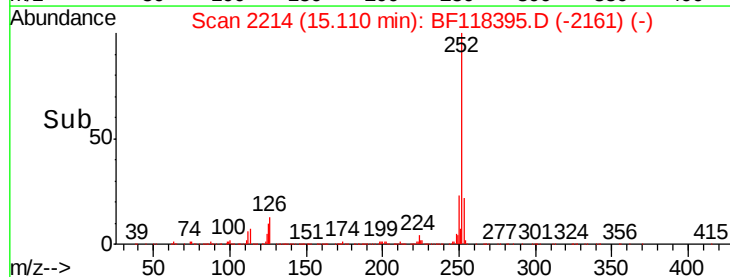
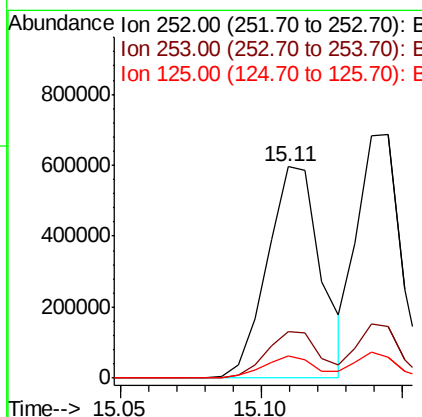
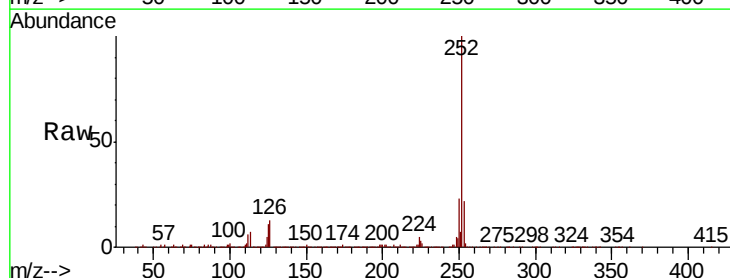
Instrument :
BNA_F
ClientSampled :

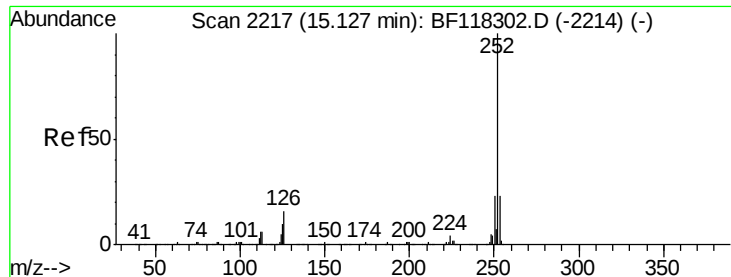
Tot Ion:264 Resp: 278407
Ion Ratio Lower Upper
264 100
260 23.1 19.8 29.6
265 21.9 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 42.689 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.01 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:252 Resp: 788920
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.6 7.7 11.5

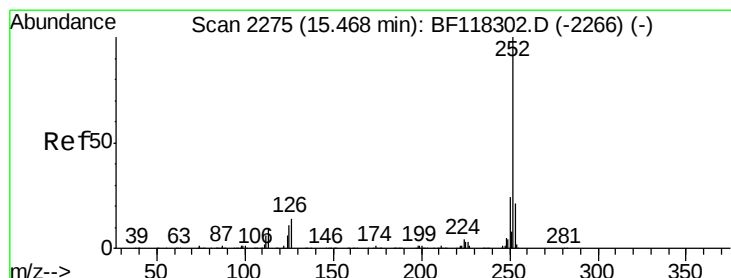
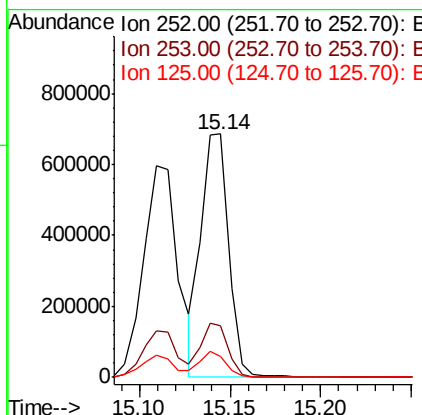
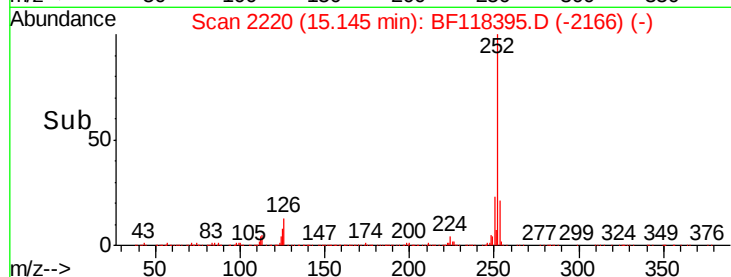
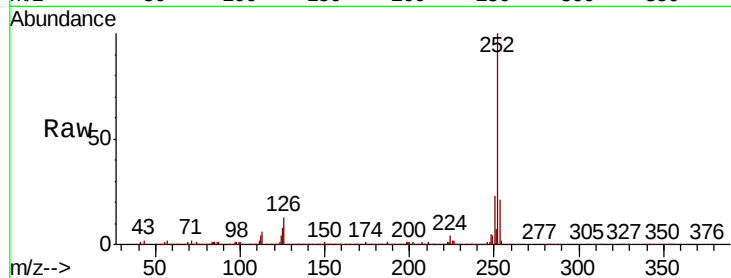




#89
Benzo(k)fluoranthene
Concen: 40.939 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

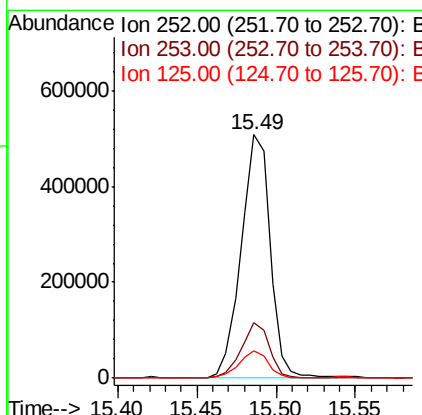
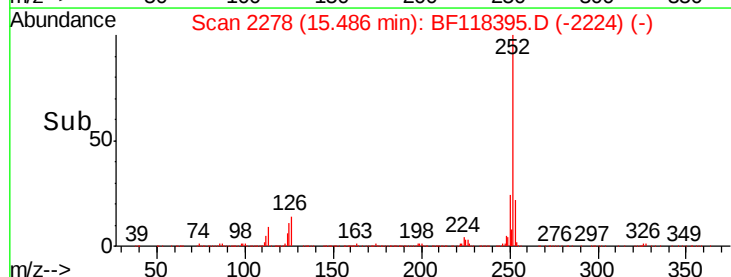
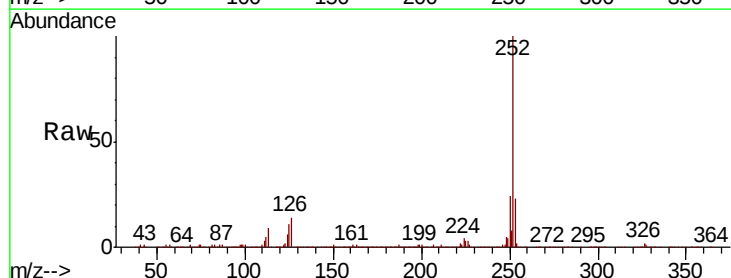
Instrument :
BNA_F
ClientSampleId :

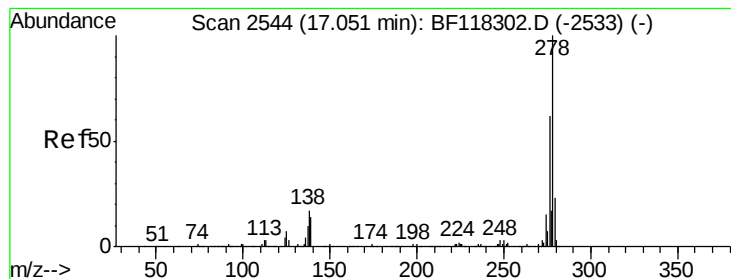
Tot Ion:252 Resp: 726457
Ion Ratio Lower Upper
252 100
253 21.4 18.0 27.0
125 8.4 8.0 12.0



#90
Benzo(a)pyrene
Concen: 39.566 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion:252 Resp: 644127
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.6
125 11.5 9.0 13.4

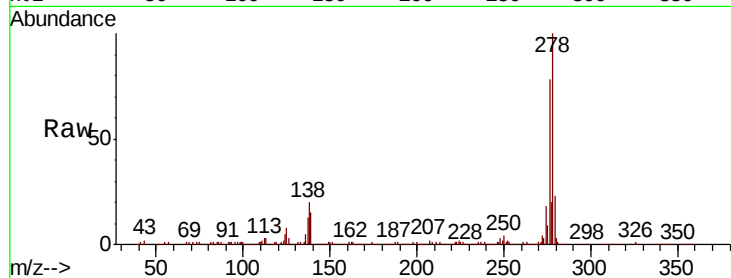




#91
Dibenzo(a,h)anthracene
Concen: 37.763 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.5	17.3
279	23.3	18.3	27.5

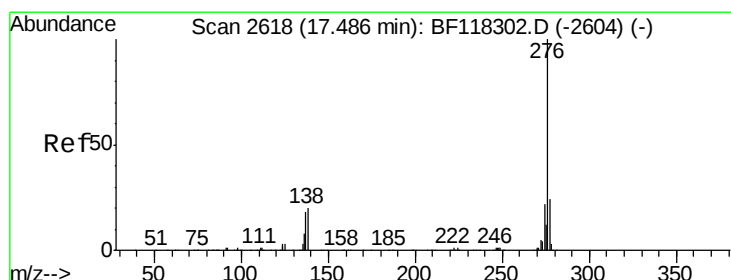
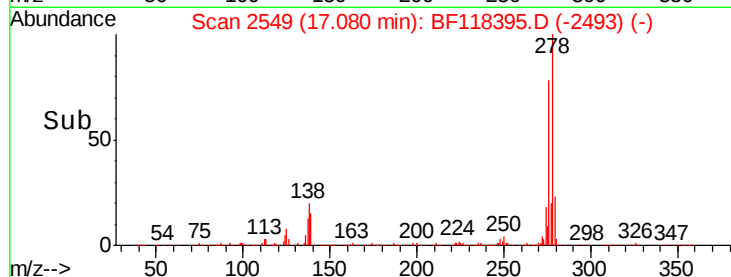
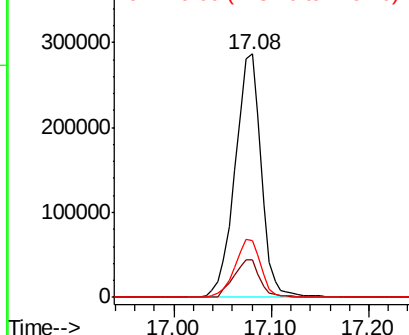


Abundance

Ion 278.00 (277.70 to 278.70): E

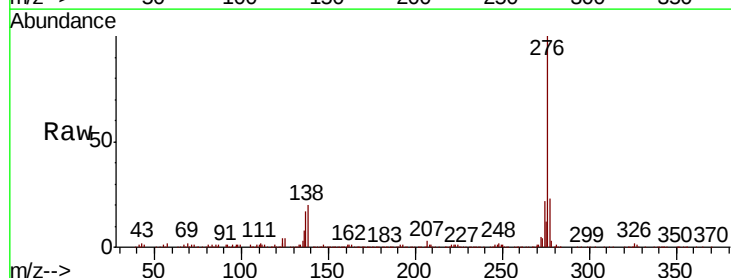
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 35.722 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118395.D
Acq: 30 Dec 2019 21:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.1	28.7
138	20.0	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

