

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
 Data File : BF117446.D
 Acq On : 18 Oct 2019 17:54
 Operator : JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 18:27:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 17:56:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	47930	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	200680	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	100678	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	156014	20.00	ng	0.00
76) Chrysene-d12	13.90	240	93839	20.00	ng	0.00
87) Perylene-d12	15.32	264	87245	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	633345	203.31	ng	0.00
7) Phenol-d6	6.40	99	820160	198.43	ng	0.02
23) Nitrobenzene-d5	7.32	82	790999	199.80	ng	0.02
42) 2,4,6-Tribromophenol	10.57	330	165197	201.61	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1348830	195.32	ng	0.00
79) Terphenyl-d14	12.85	244	1169163	203.11	ng	0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.40	88	131581	102.605	ng	98
3) Pyridine	3.12	79	342233	104.863	ng	96
4) n-Nitrosodimethylamine	3.10	42	124973	108.666	ng	100
6) Aniline	6.42	93	475267	92.048	ng	# 30
8) 2-Chlorophenol	6.53	128	325568	94.005	ng	99
9) Benzaldehyde	6.29	77	148370	73.624	ng	96
10) Phenol	6.42	94	427312	95.765	ng	87
11) bis(2-Chloroethyl)ether	6.49	93	318937	94.013	ng	98
12) 1,3-Dichlorobenzene	6.68	146	367518	94.891	ng	99
13) 1,4-Dichlorobenzene	6.76	146	369431	93.573	ng	98
14) 1,2-Dichlorobenzene	6.92	146	345801	92.731	ng	97
15) Benzyl Alcohol	6.90	79	297428	94.058	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	343041	96.299	ng	90
17) 2-Methylphenol	7.02	107	267333	92.463	ng	# 85
18) Hexachloroethane	7.25	117	145432	94.744	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	254824	96.696	ng	97
20) 3+4-Methylphenols	7.17	107	346010	92.944	ng	94
22) Acetophenone	7.16	105	516989	98.175	ng	# 98
24) Nitrobenzene	7.33	77	379579	95.715	ng	100
25) Isophorone	7.58	82	686990	97.413	ng	98
26) 2-Nitrophenol	7.65	139	173102	98.381	ng	97
27) 2,4-Dimethylphenol	7.69	122	254586	95.203	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	419803	96.022	ng	98
29) 2,4-Dichlorophenol	7.89	162	261534	94.785	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	281333	94.581	ng	99
31) Naphthalene	8.05	128	954648	95.255	ng	100
32) Benzoic acid	7.89	122	201243	120.855	ng	98
33) 4-Chloroaniline	8.10	127	401320	94.290	ng	99
34) Hexachlorobutadiene	8.16	225	162928	95.637	ng	97
35) Caprolactam	8.52	113	69004	79.858	ng	96
36) 4-Chloro-3-methylphenol	8.60	107	302058	96.206	ng	98
37) 2-Methylnaphthalene	8.73	142	640738	94.679	ng	99
38) 1-Methylnaphthalene	8.83	142	588158	92.242	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	260526	96.150	ng	97

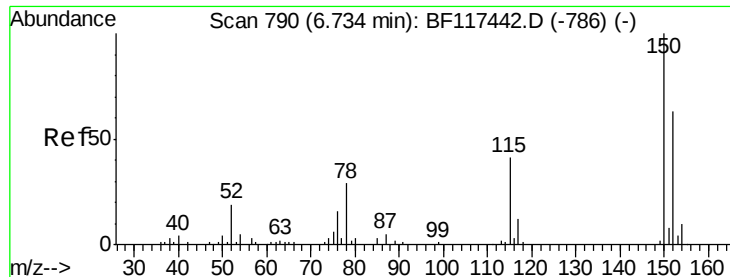
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101819\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	81790	161.648	nq	99
43) 2,4,6-Trichlorophenol	9.02	196	165377	96.443	nq	97
44) 2,4,5-Trichlorophenol	9.07	196	166173	95.004	nq	94
46) 1,1'-Biphenyl	9.20	154	796842	96.883	nq	100
47) 2-Chloronaphthalene	9.23	162	605018	94.364	nq	99
48) 2-Nitroaniline	9.33	65	206687	101.036	nq	89
49) Acenaphthylene	9.64	152	873073	92.888	nq	100
50) Dimethylphthalate	9.51	163	694864	96.102	nq	99
51) 2,6-Dinitrotoluene	9.57	165	147297	96.920	nq	# 85
52) Acenaphthene	9.81	154	545870	95.576	nq	99
53) 3-Nitroaniline	9.75	138	174123	93.822	nq	98
54) 2,4-Dinitrophenol	9.86	184	64302	110.430	nq	99
55) Dibenzofuran	9.98	168	772951	92.775	nq	98
56) 4-Nitrophenol	9.92	139	86240	116.764	nq	93
57) 2,4-Dinitrotoluene	9.99	165	190705	95.099	nq	95
58) Fluorene	10.33	166	642624	92.637	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.11	232	124145	91.811	nq	96
60) Diethylphthalate	10.20	149	690115	94.688	nq	98
61) 4-Chlorophenyl-phenylether	10.32	204	287208	93.513	nq	91
62) 4-Nitroaniline	10.37	138	164164	93.055	nq	97
63) Azobenzene	10.47	77	713839	95.454	nq	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	90131	115.006	nq	96
66) n-Nitrosodiphenylamine	10.44	169	557088	95.584	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	165034	96.442	nq	90
68) Hexachlorobenzene	10.88	284	178635	97.204	nq	# 87
69) Atrazine	10.96	200	67272	71.182	nq	97
70) Pentachlorophenol	11.07	266	58453	106.319	nq	98
71) Phenanthrene	11.29	178	866178	93.919	nq	99
72) Anthracene	11.34	178	892172	93.709	nq	99
73) Carbazole	11.49	167	820197	94.840	nq	99
74) Di-n-butylphthalate	11.82	149	1093661	93.391	nq	99
75) Fluoranthene	12.47	202	846228	92.276	nq	99
77) Benzidine	12.59	184	156532	67.446	nq	# 95
78) Pyrene	12.70	202	852433	102.767	nq	99
80) Butylbenzylphthalate	13.31	149	420475	100.808	nq	100
81) Benzo(a)anthracene	13.89	228	631482	98.076	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	164296	80.706	nq	98
83) Chrysene	13.93	228	610576	96.160	nq	100
84) Bis(2-ethylhexyl)phthalate	13.87	149	575167	97.801	nq	# 95
85) Di-n-octyl phthalate	14.48	149	850027	94.938	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	496605	111.853	nq	99
88) Benzo(b)fluoranthene	14.92	252	489909	90.199	nq	98
89) Benzo(k)fluoranthene	14.95	252	503530	93.286	nq	99
90) Benzo(a)pyrene	15.27	252	450695	93.707	nq	98
91) Dibenzo(a,h)anthracene	16.75	278	412509	100.092	nq	98
92) Benzo(g,h,i)perylene	17.16	276	406726	103.678	nq	98

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

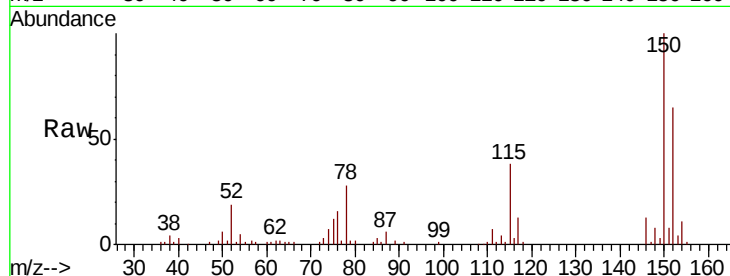


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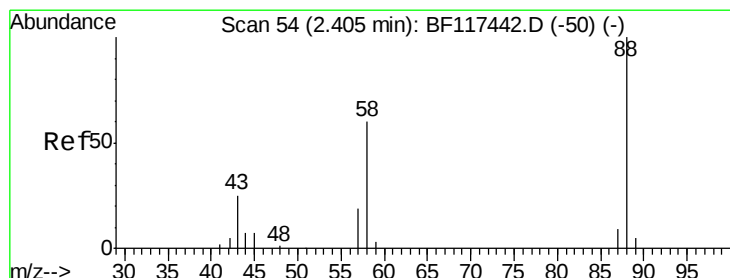
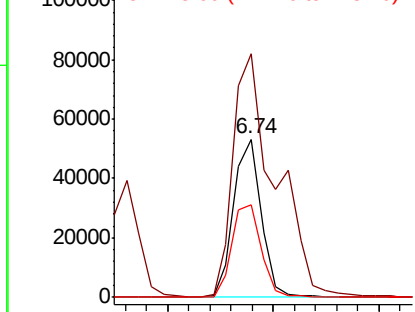
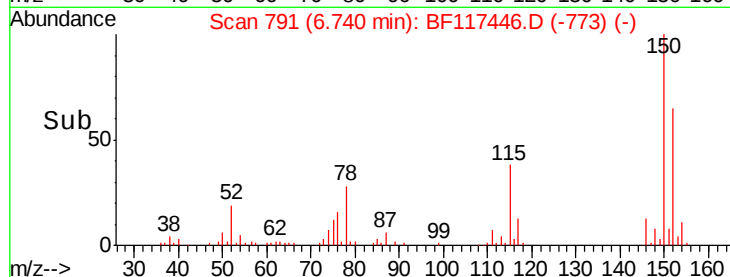
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 47930
Ion Ratio Lower Upper
152 100
150 153.8 126.8 190.2
115 58.9 51.6 77.4



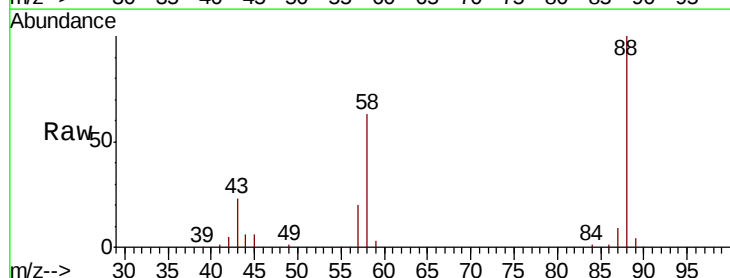
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



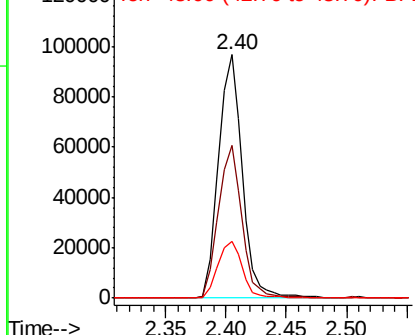
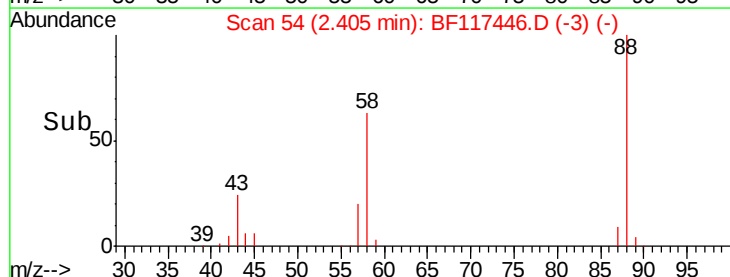
#2

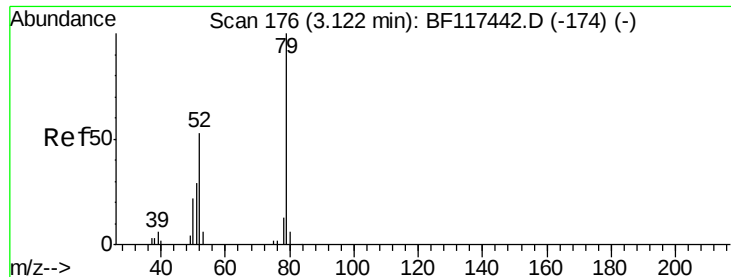
1,4-Dioxane
Concen: 102.605 ng
RT: 2.40 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion: 88 Resp: 131581
Ion Ratio Lower Upper
88 100
58 62.1 48.8 73.2
43 23.9 18.5 27.7



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: 104.863 ng

RT: 3.12 min Scan# 176

Delta R.T. 0.00 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

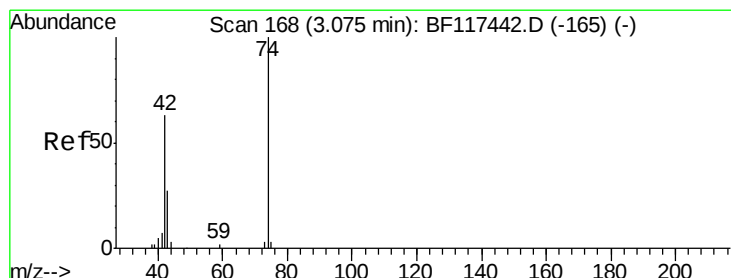
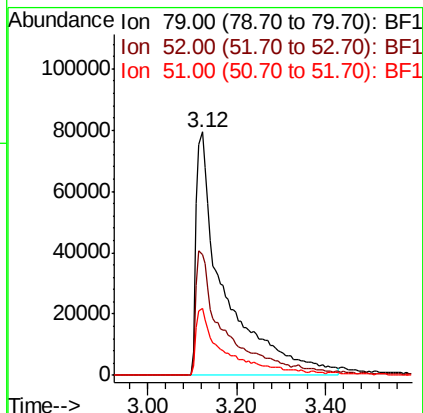
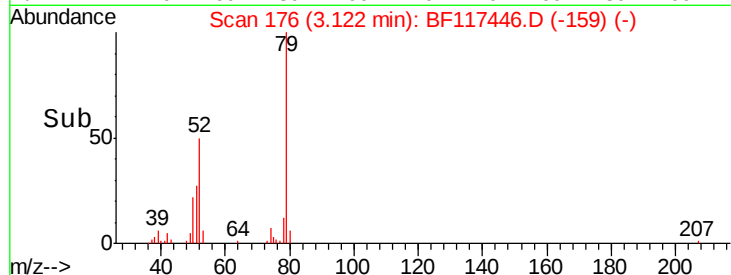
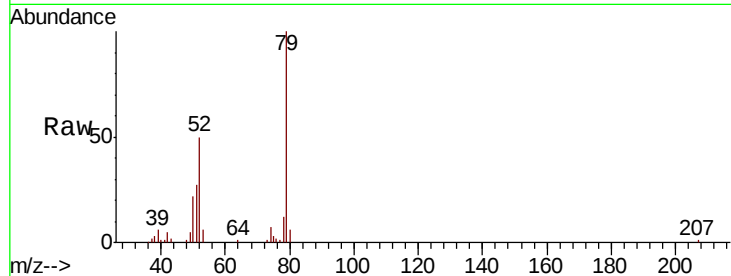
Tot Ion: 79 Resp: 342233

Ion Ratio Lower Upper

79 100

52 49.8 42.4 63.6

51 27.4 23.3 34.9



#4

n-Nitrosodimethylamine

Concen: 108.666 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.03 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

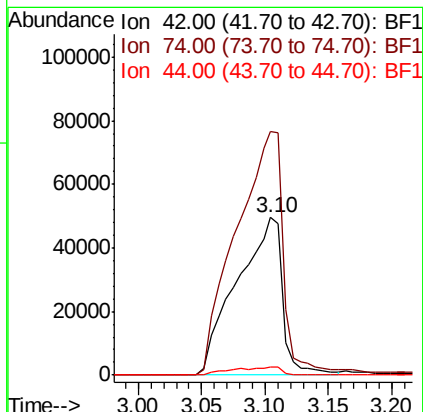
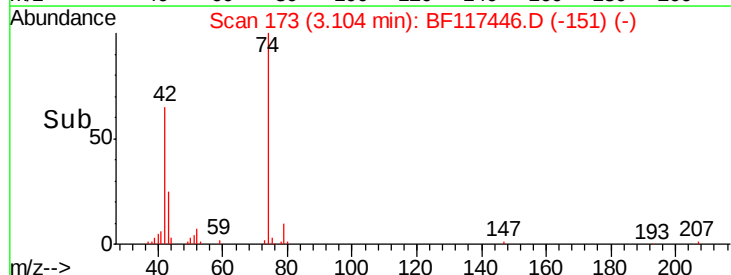
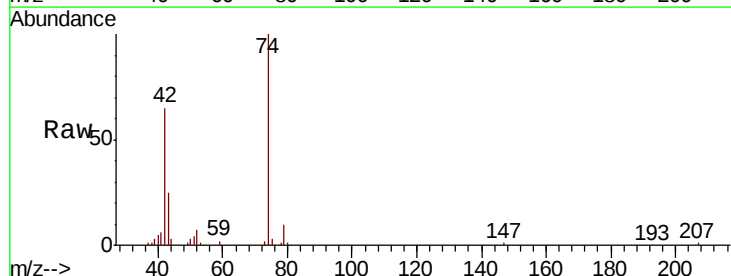
Tgt Ion: 42 Resp: 124973

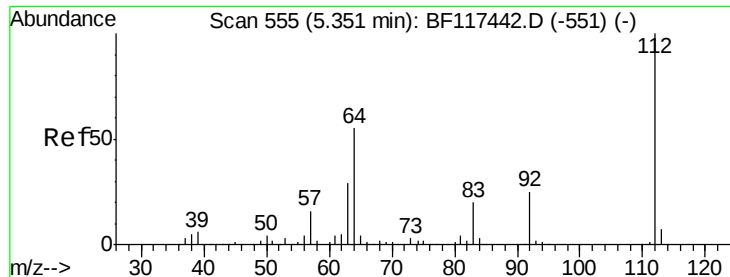
Ion Ratio Lower Upper

42 100

74 154.7 124.2 186.4

44 5.2 4.2 6.4





#5

2-Fluorophenol

Concen: 203.314 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

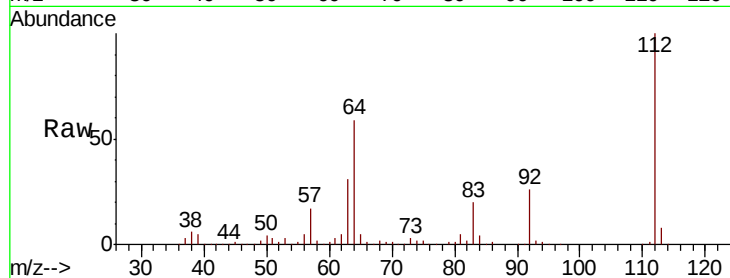
Tot Ion: 112 Resp: 633345

Ion Ratio Lower Upper

112 100

64 58.7 44.1 66.1

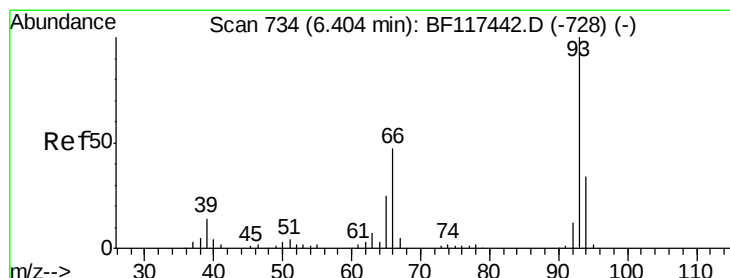
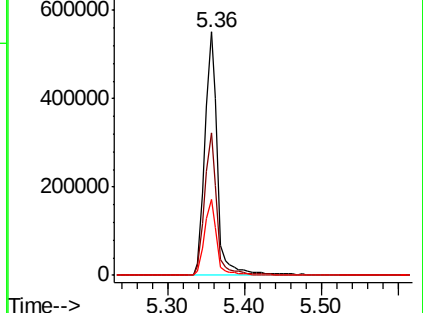
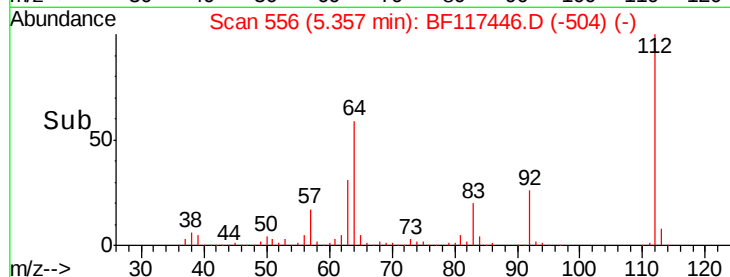
63 31.2 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 92.048 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

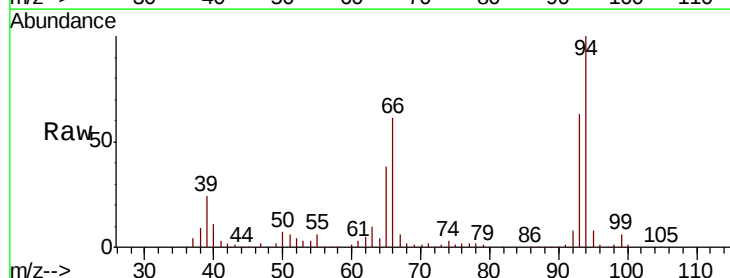
Tgt Ion: 93 Resp: 475267

Ion Ratio Lower Upper

93 100

66 95.8 38.7 58.1#

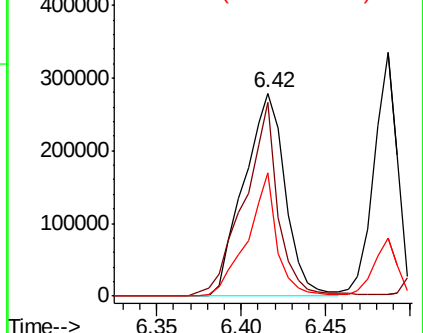
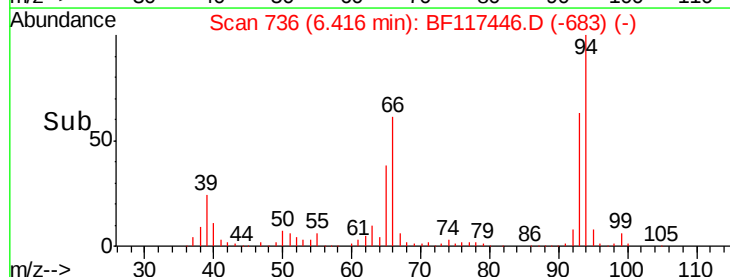
65 60.7 20.1 30.1#

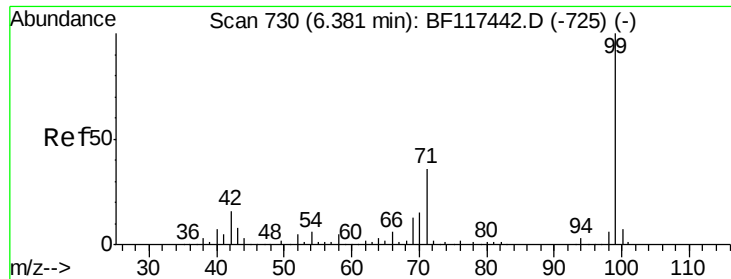


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 198.435 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

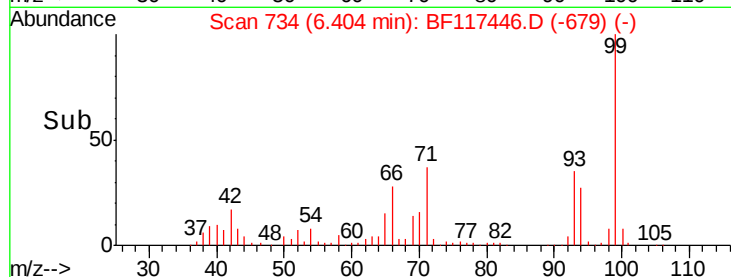
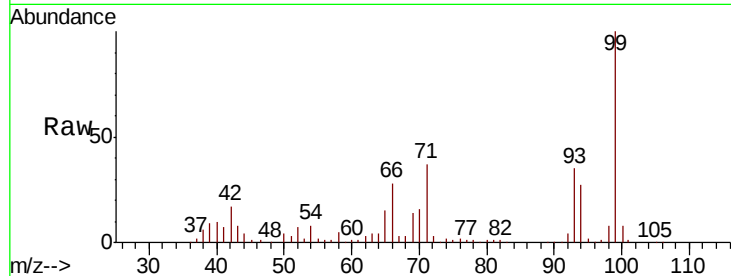
Tot Ion: 99 Resp: 820160

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

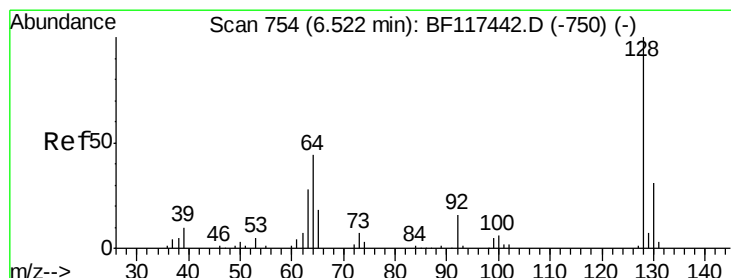
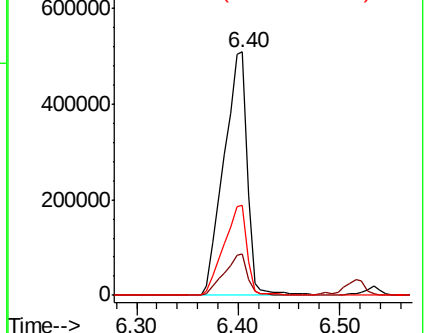
71 36.8 28.6 43.0



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: 94.005 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

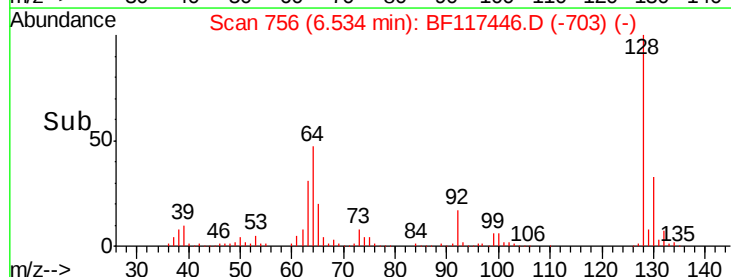
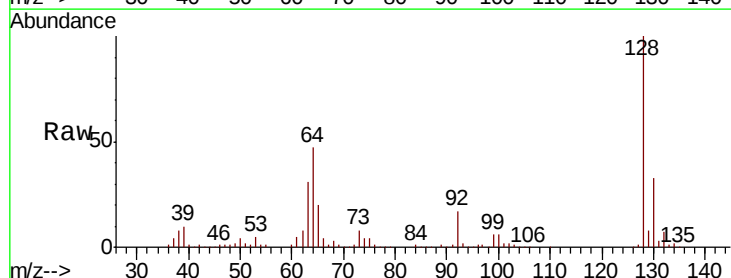
Tgt Ion: 128 Resp: 325568

Ion Ratio Lower Upper

128 100

130 32.7 11.1 51.1

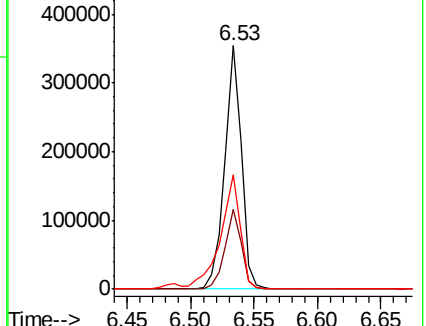
64 46.9 27.1 67.1

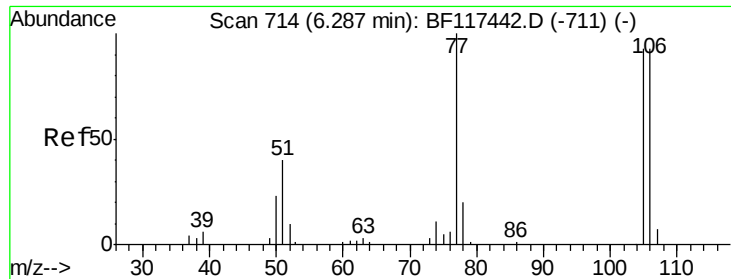


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

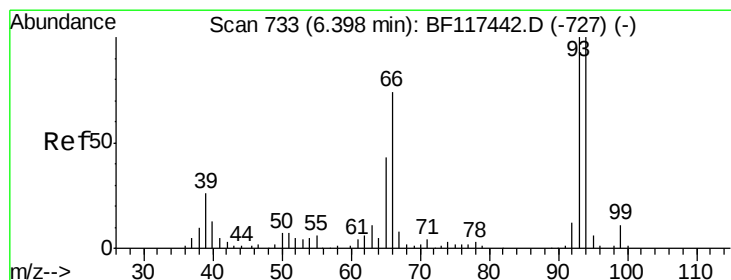
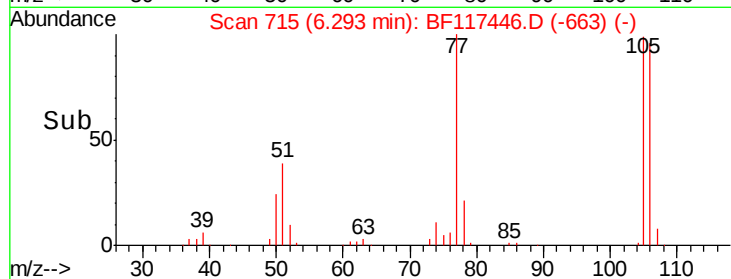
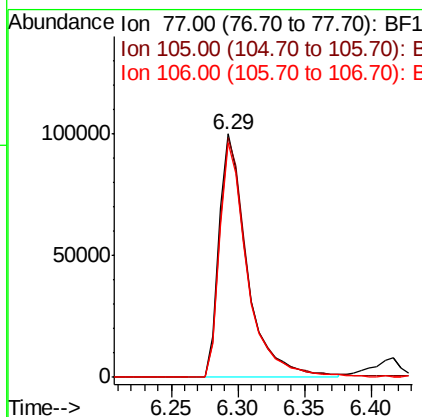
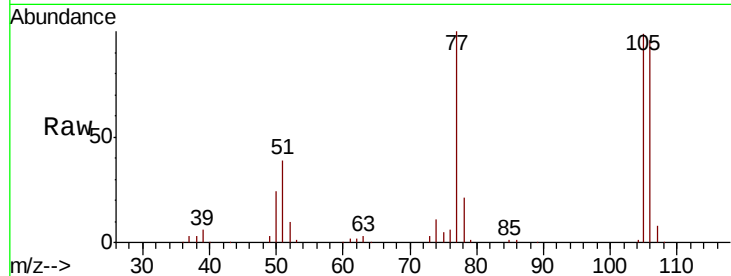




#9
Benzaldehyde
Concen: 73.624 ng
RT: 6.29 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

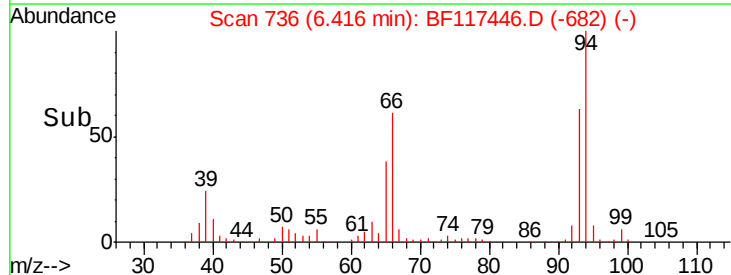
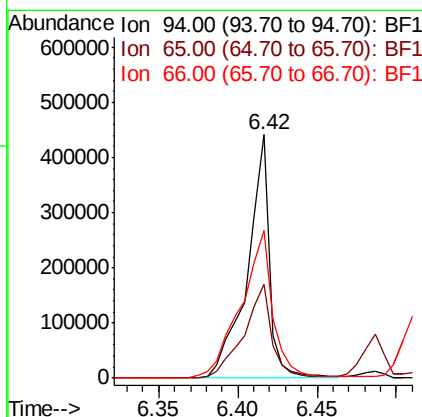
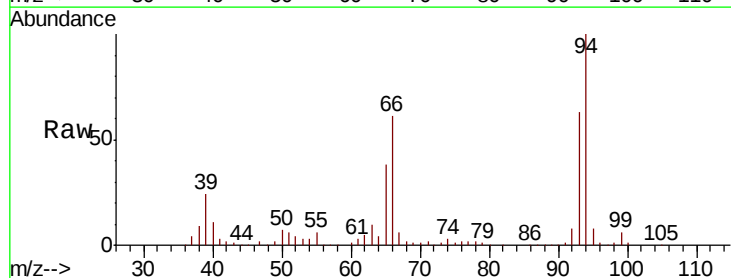
Instrument :
BNA_F
ClientSampled :

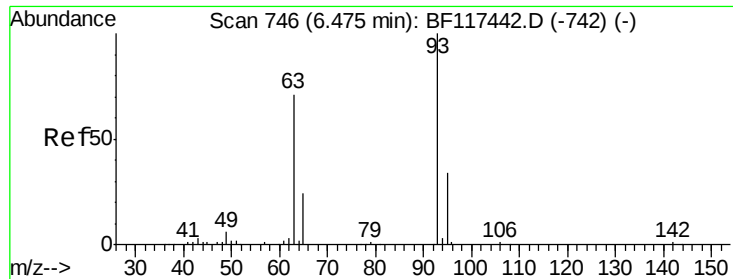
Tot Ion: 77 Resp: 148370
Ion Ratio Lower Upper
77 100
105 98.6 73.4 113.4
106 96.3 73.0 113.0



#10
Phenol
Concen: 95.765 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.02 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion: 94 Resp: 427312
Ion Ratio Lower Upper
94 100
65 38.3 23.4 63.4
66 60.5 54.7 94.7



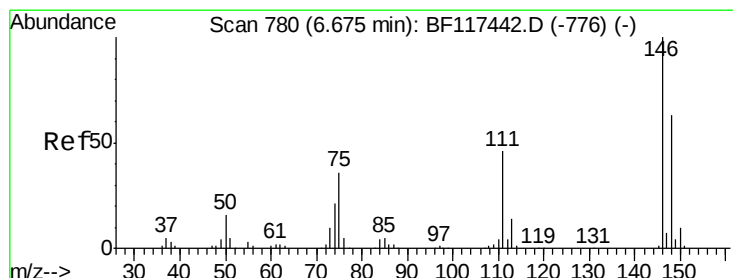
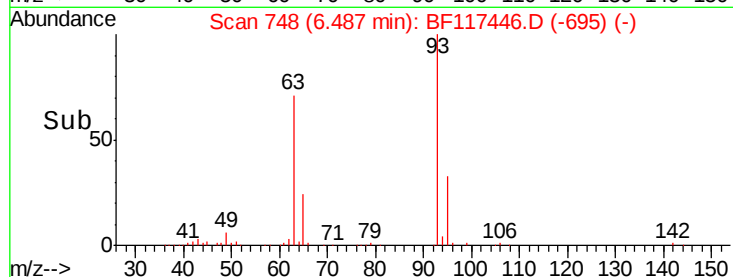
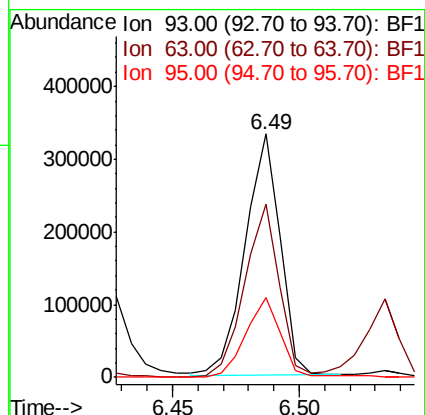
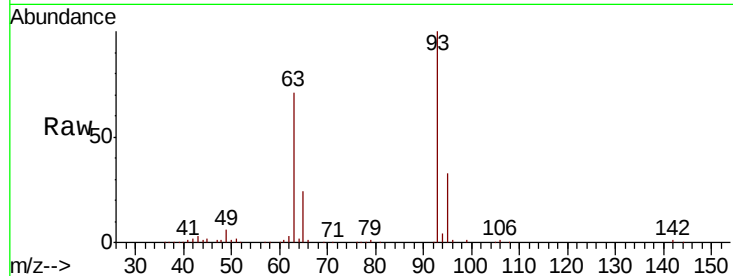


#11

bis(2-Chloroethyl)ether
Concen: 94.013 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

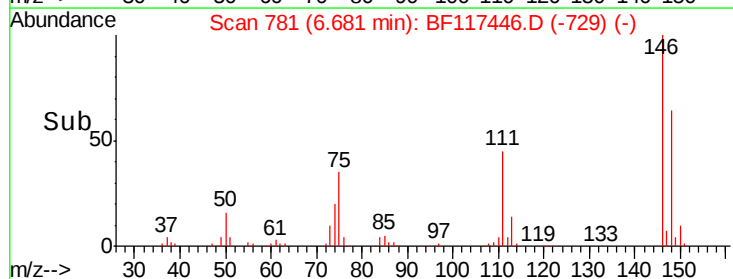
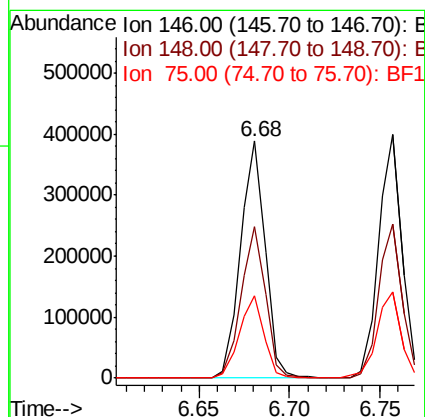
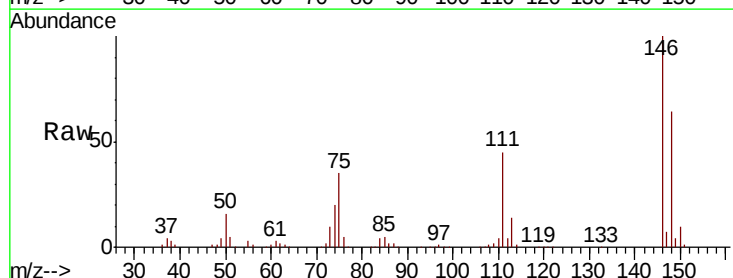
Tot Ion	93	Resp	318937
Ion	Ratio	Lower	Upper
93	100		
63	71.3	50.2	90.2
95	32.7	13.9	53.9



#12

1,3-Dichlorobenzene
Concen: 94.891 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion	146	Resp	367518
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
75	34.8	28.6	43.0

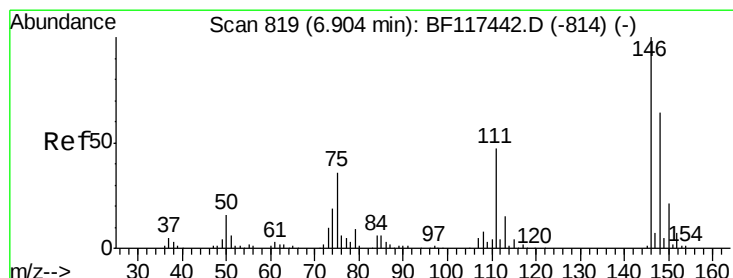
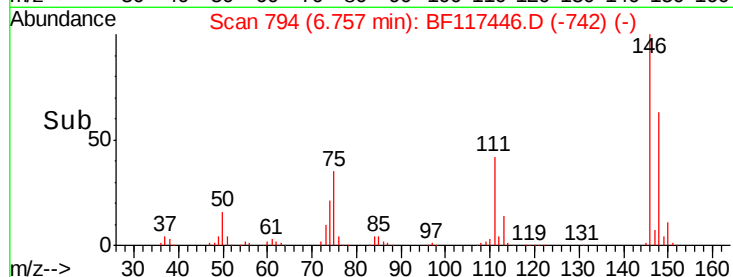
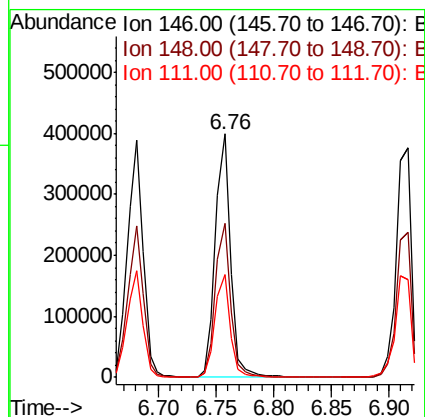
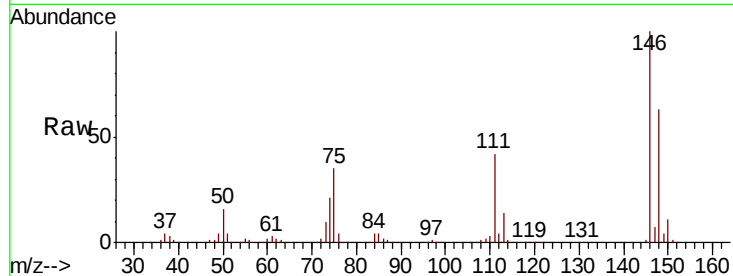




#13
 1,4-Dichlorobenzene
 Concen: 93.573 ng
 RT: 6.76 min Scan# 794
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

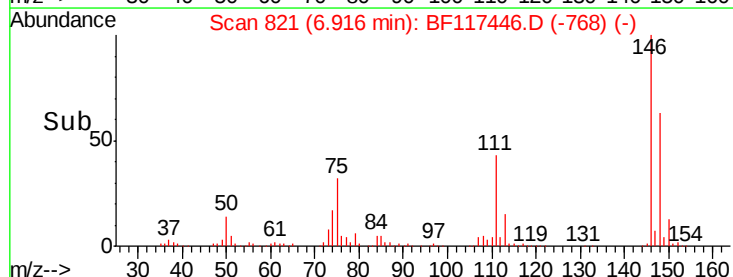
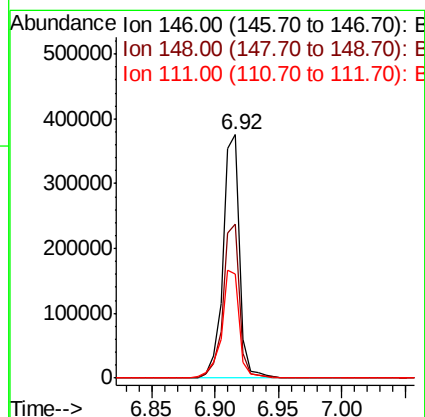
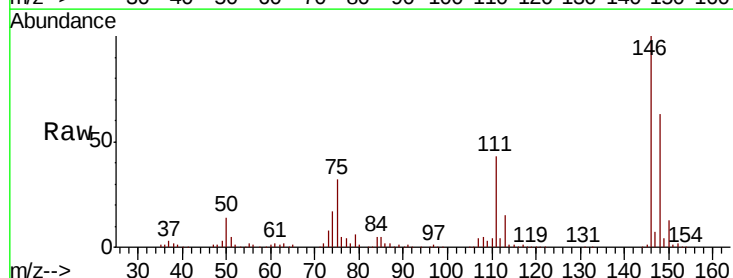
Instrument :
 BNA_F
 ClientSampleId :

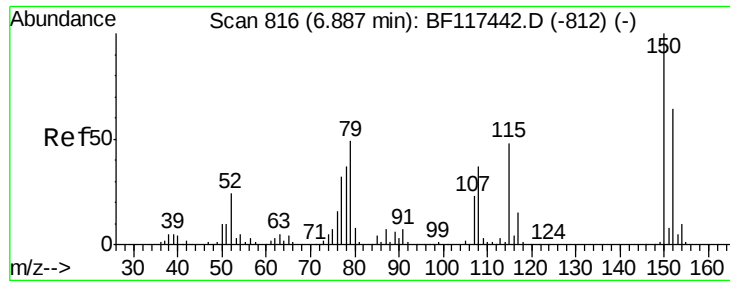
Tot Ion:146 Resp: 369431
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.3 73.9
 111 42.2 33.6 50.4



#14
 1,2-Dichlorobenzene
 Concen: 92.731 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:146 Resp: 345801
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.4 77.0
 111 42.9 37.7 56.5

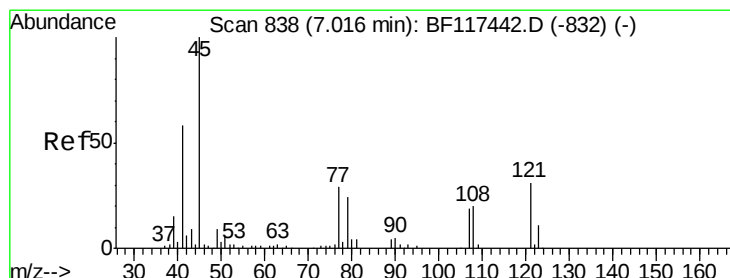
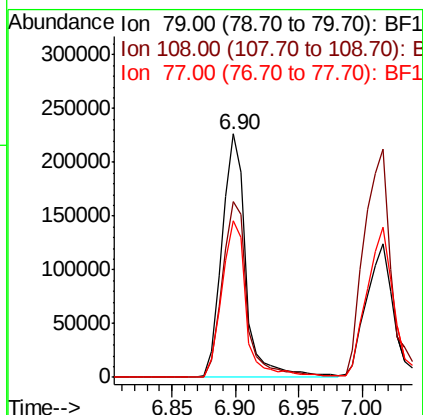
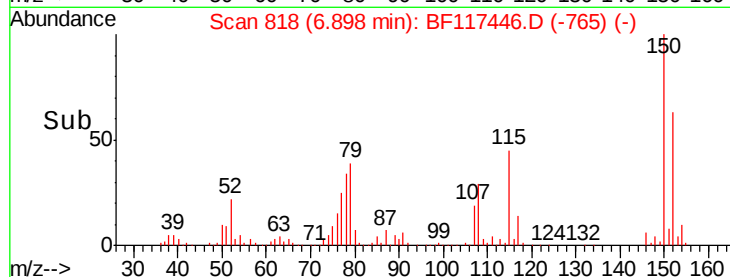
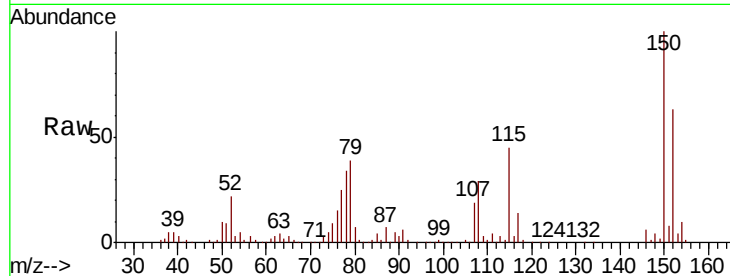




#15
Benzyl Alcohol
Concen: 94.058 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

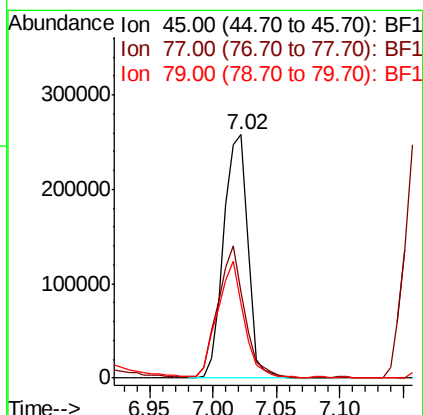
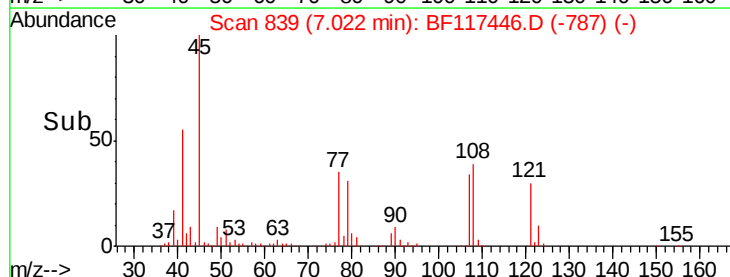
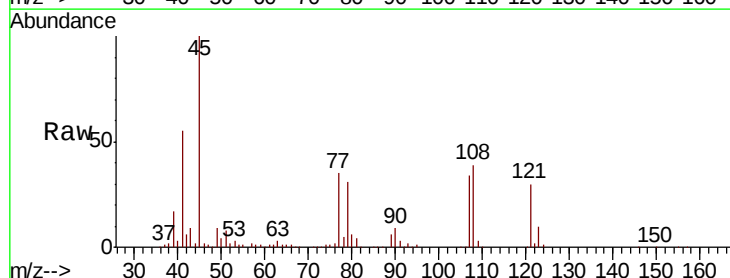
Instrument :
BNA_F
ClientSampled :

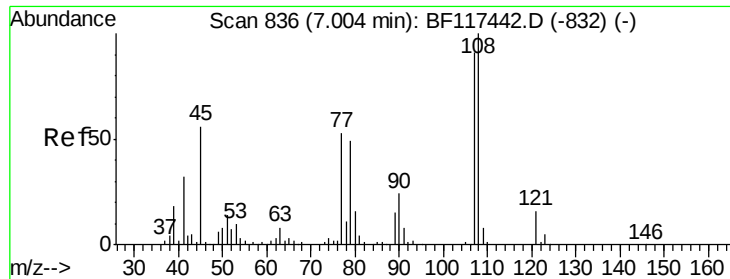
Tot Ion: 79 Resp: 297428
Ion Ratio Lower Upper
79 100
108 72.2 59.8 89.8
77 64.3 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 96.299 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion: 45 Resp: 343041
Ion Ratio Lower Upper
45 100
77 35.4 9.9 49.9
79 30.9 5.5 45.5

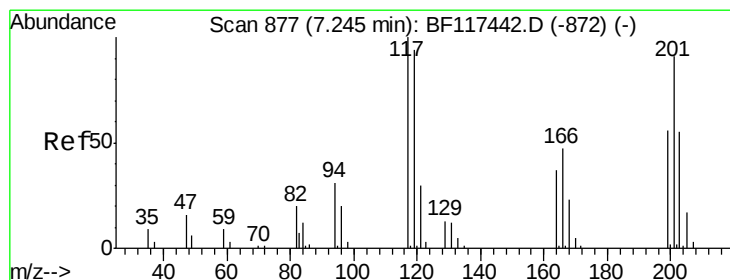
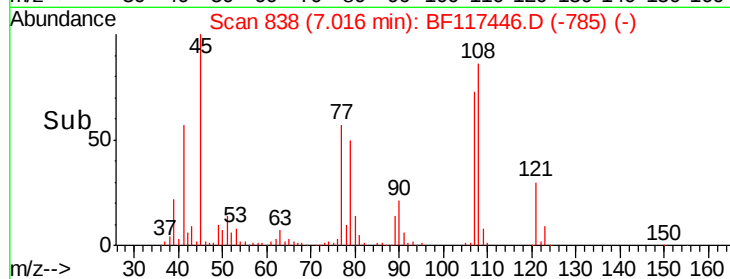
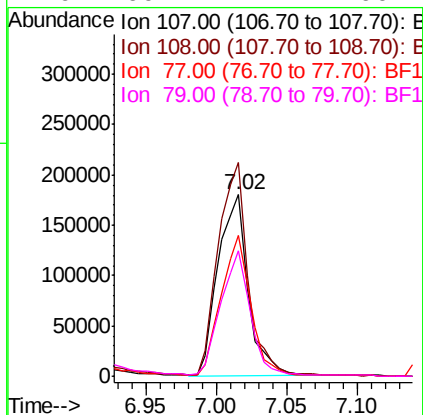
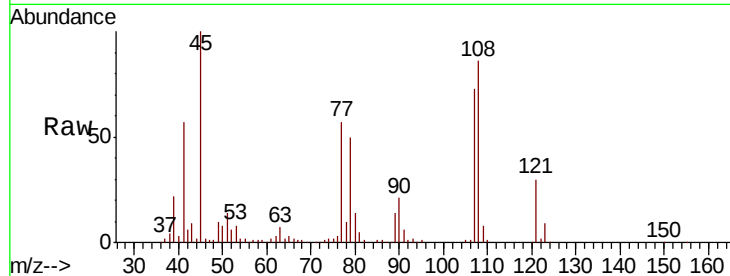




#17
2-Methylphenol
Concen: 92.463 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

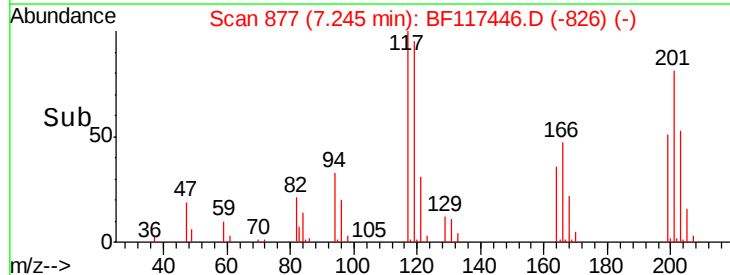
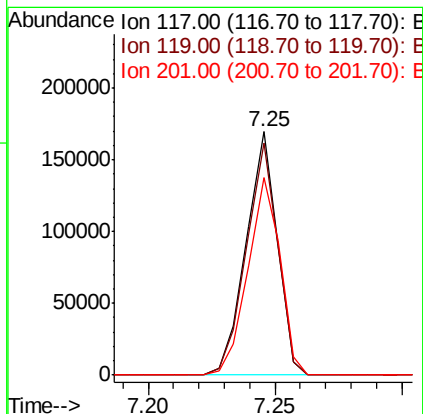
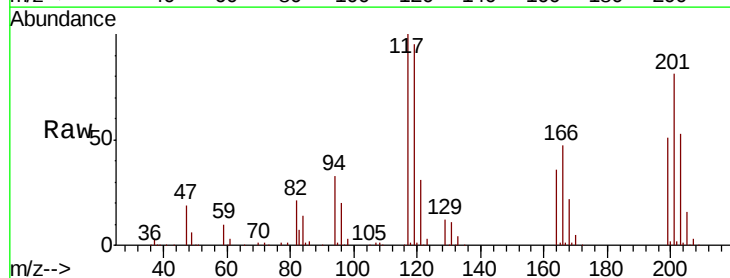
Instrument :
BNA_F
ClientSampleId :

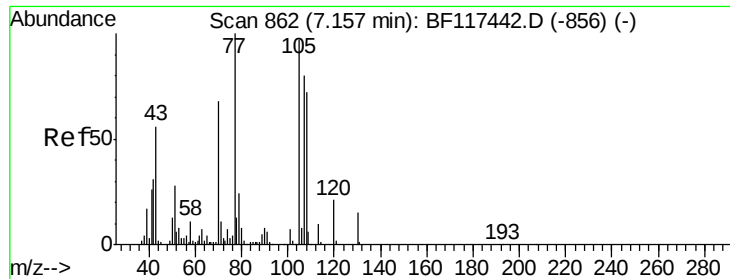
Tot Ion:107 Resp: 267333
Ion Ratio Lower Upper
107 100
108 117.8 88.0 132.0
77 77.8 47.2 70.8#
79 69.1 44.1 66.1#



#18
Hexachloroethane
Concen: 94.744 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:117 Resp: 145432
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
201 80.9 72.5 108.7

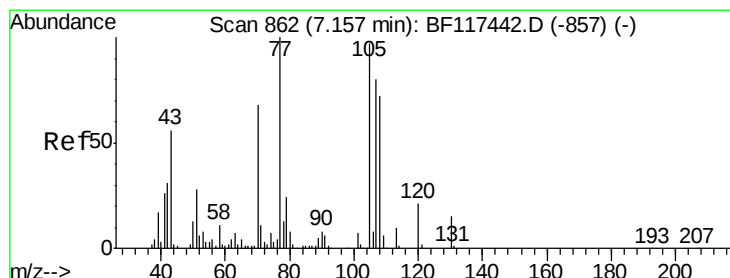
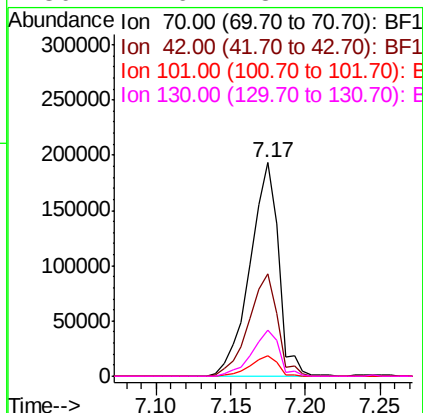
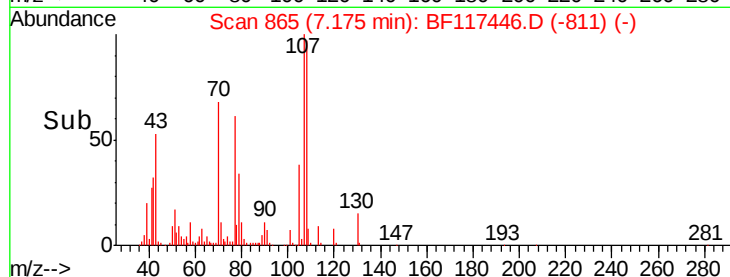
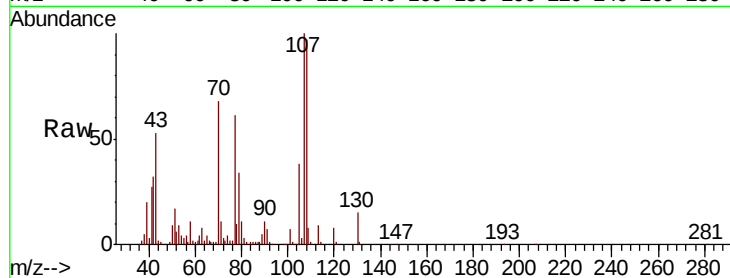




#19
n-Nitroso-di-n-propylamine
Concen: 96.696 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.02 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

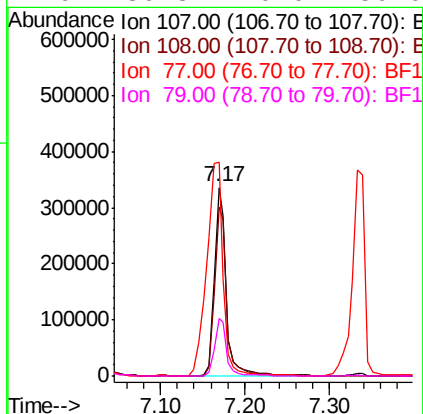
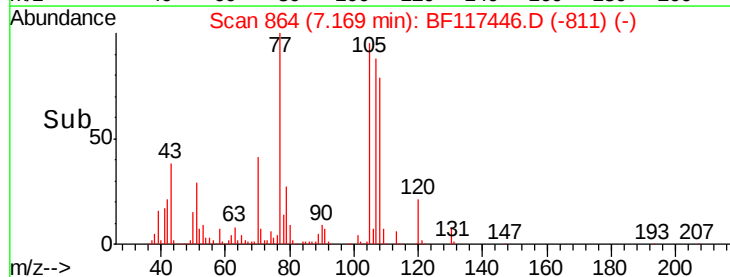
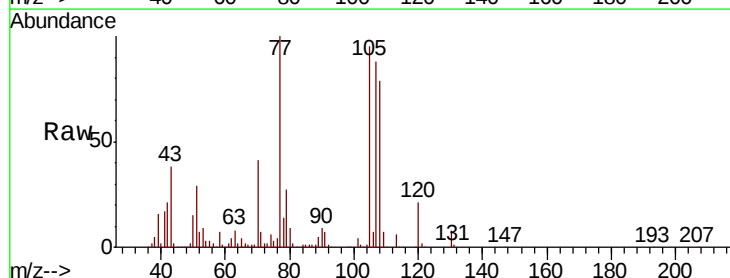
Instrument :
BNA_F
ClientSampleId :

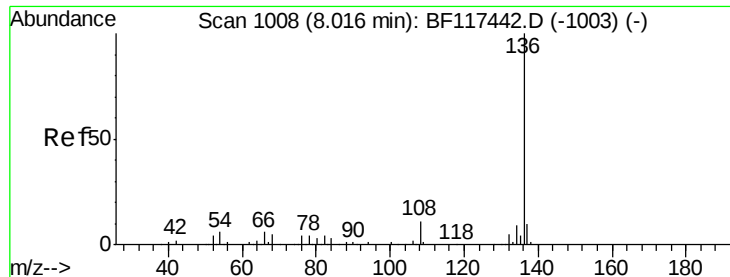
Tot Ion: 70 Resp: 254824
Ion Ratio Lower Upper
70 100
42 47.9 36.7 55.1
101 9.6 8.3 12.5
130 21.6 18.1 27.1



#20
3+4-Methylphenols
Concen: 92.944 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:107 Resp: 346010
Ion Ratio Lower Upper
107 100
108 89.3 70.3 110.3
77 113.1 104.8 144.8
79 30.3 10.0 50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 200680

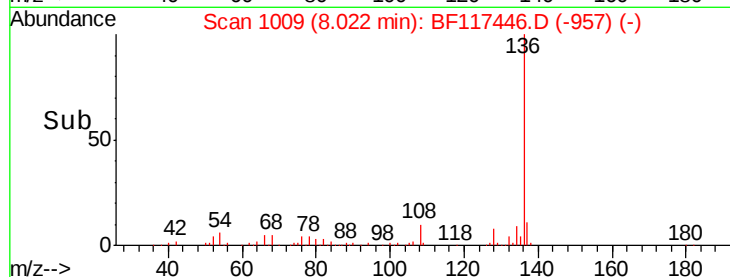
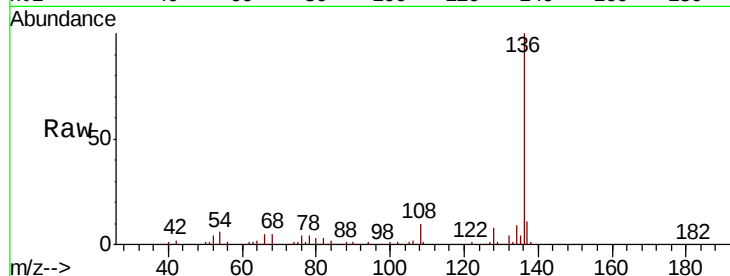
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 5.7 4.5 6.7

68 5.0 4.3 6.5

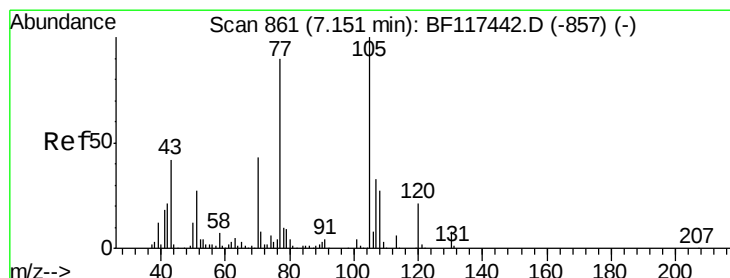
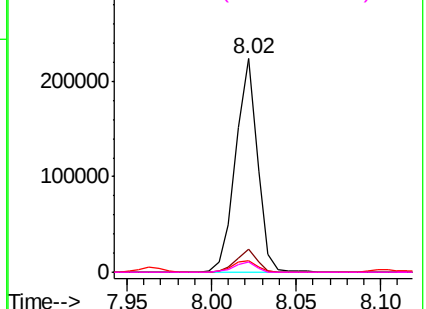


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 98.175 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Tgt Ion:105 Resp: 516989

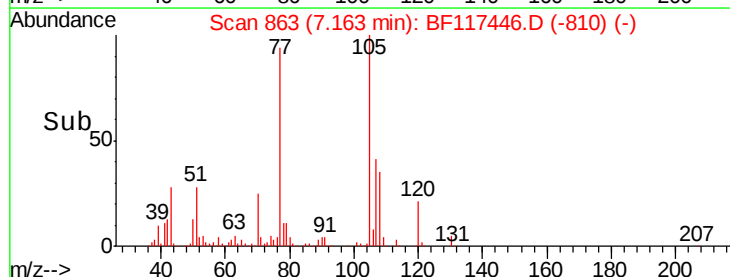
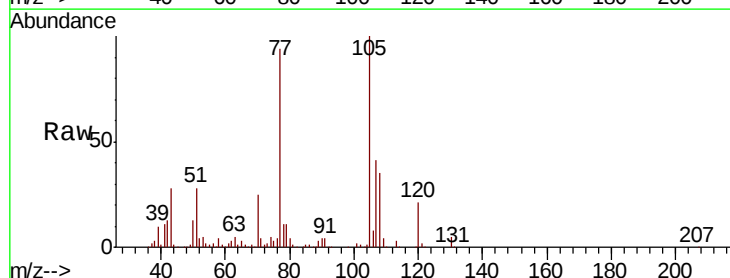
Ion Ratio Lower Upper

105 100

71 4.4 6.2 9.2#

51 27.7 21.8 32.6

120 21.4 16.7 25.1

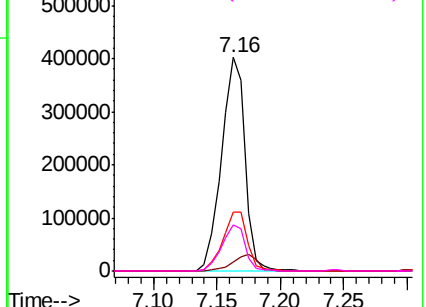


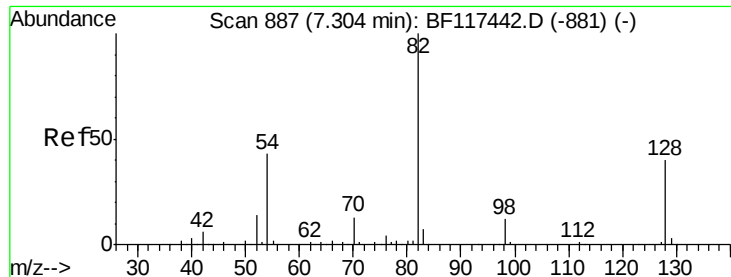
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

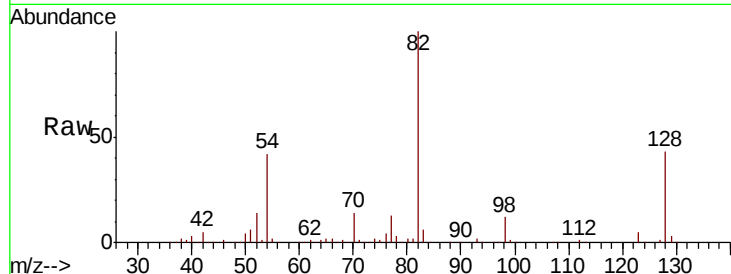




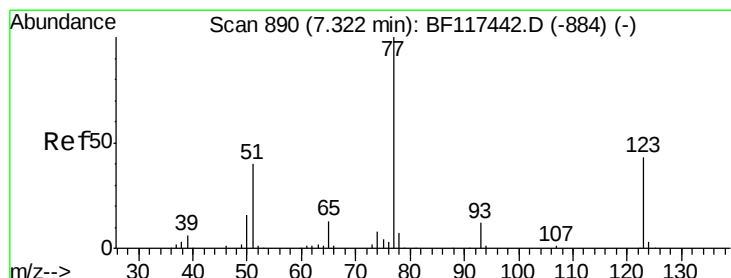
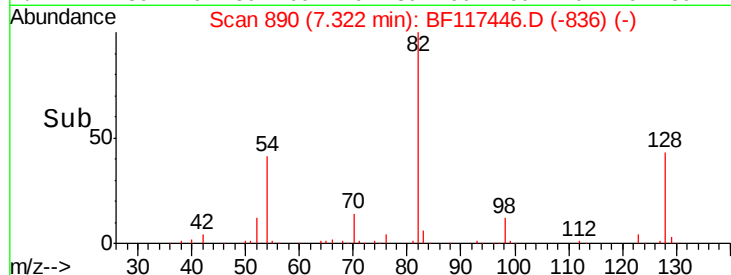
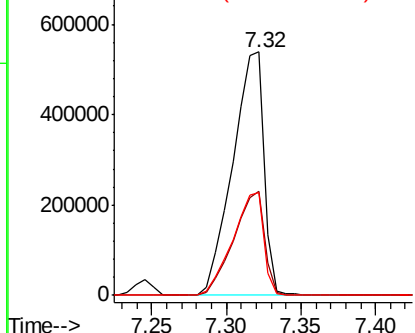
#23
 Nitrobenzene-d5
 Concen: 199.801 ng
 RT: 7.32 min Scan# 890
 Delta R.T. 0.02 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	790999
Ion Ratio	100	Lower	Upper
128	42.7	32.2	48.2
54	42.1	34.2	51.2

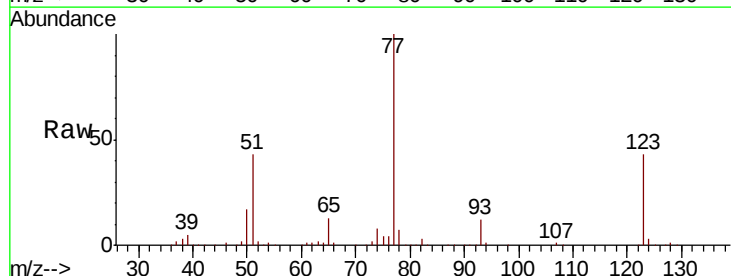


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

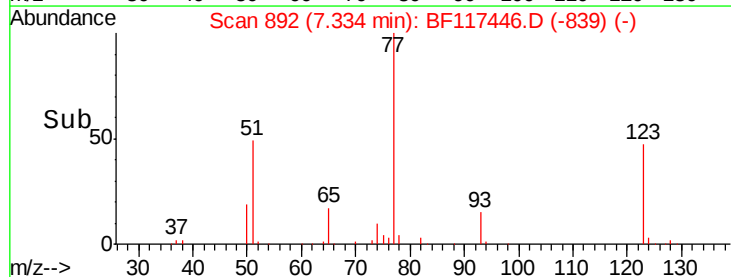
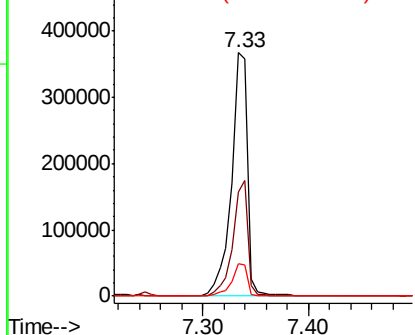


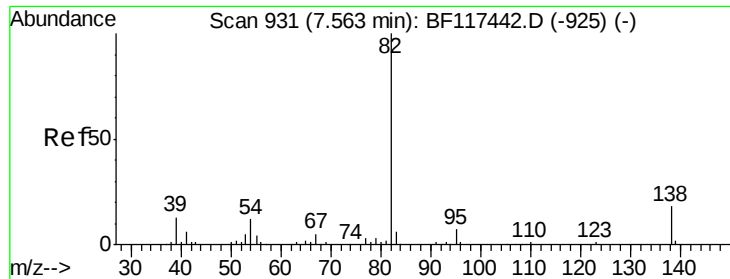
#24
 Nitrobenzene
 Concen: 95.715 ng
 RT: 7.33 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion	77	Resp	379579
Ion Ratio	100	Lower	Upper
123	42.8	34.2	51.2
65	13.3	10.3	15.5



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





#25

Isophorone

Concen: 97.413 ng

RT: 7.58 min Scan# 934

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

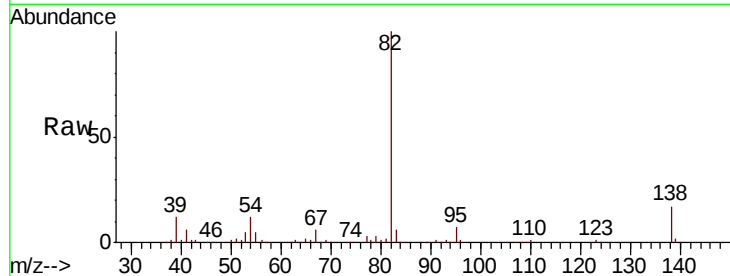
Tot Ion: 82 Resp: 686990

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.0

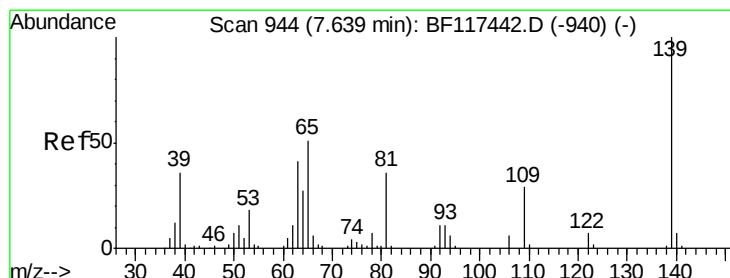
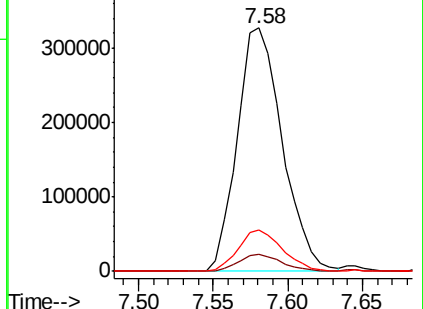
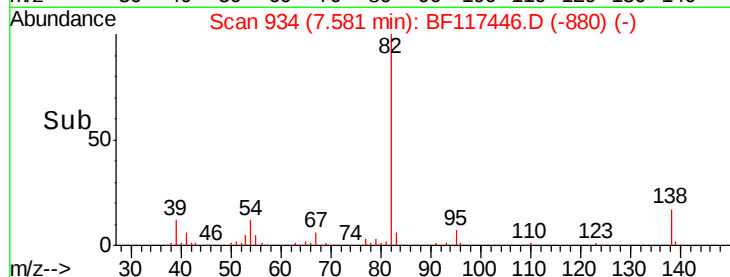
138 16.8 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 98.381 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

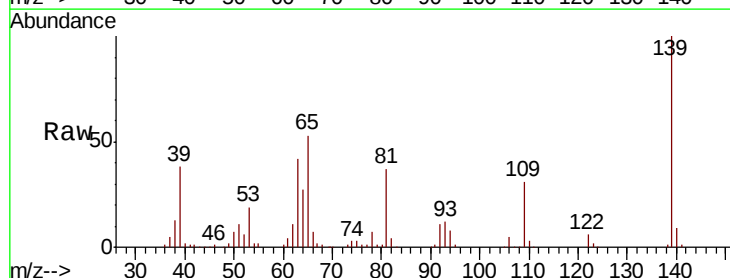
Tgt Ion: 139 Resp: 173102

Ion Ratio Lower Upper

139 100

109 31.3 23.2 34.8

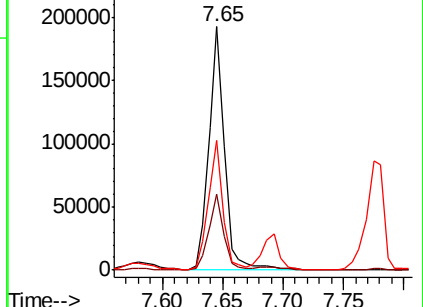
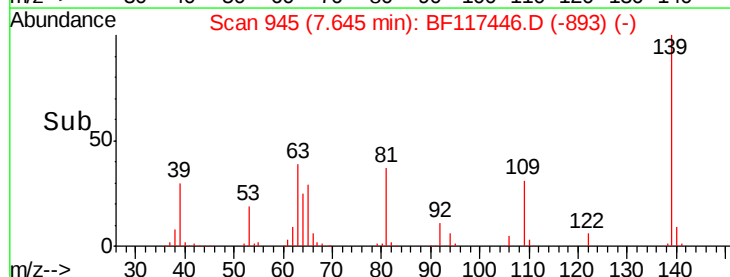
65 53.0 41.1 61.7

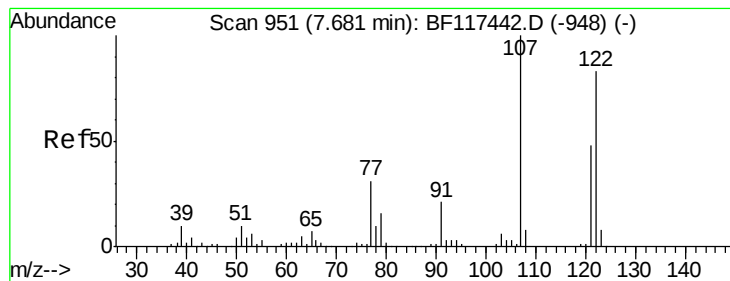


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 95.203 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

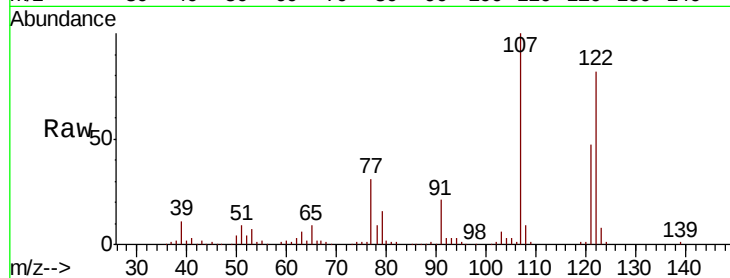
Tot Ion:122 Resp: 254586

Ion Ratio Lower Upper

122 100

107 121.3 96.8 145.2

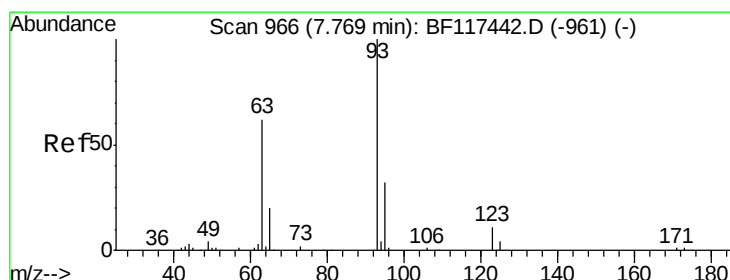
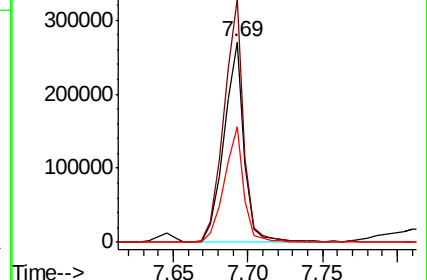
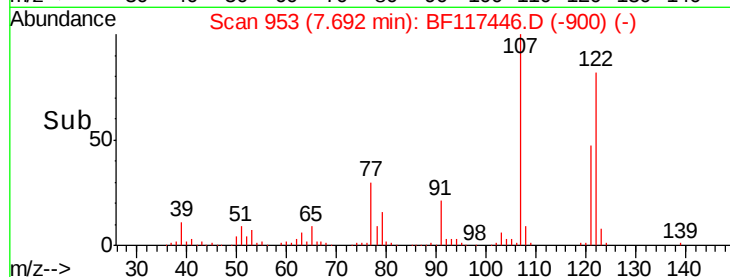
121 57.4 46.4 69.6



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: 96.022 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

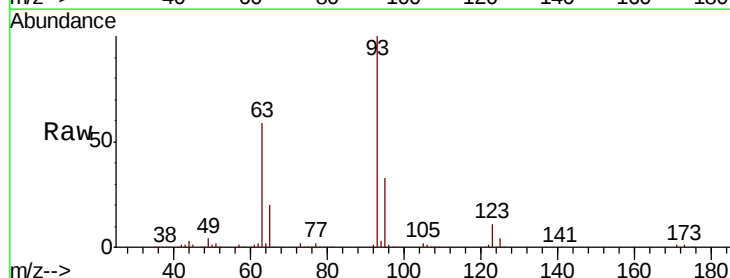
Tgt Ion: 93 Resp: 419803

Ion Ratio Lower Upper

93 100

95 33.3 25.5 38.3

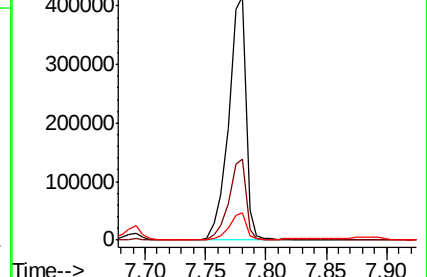
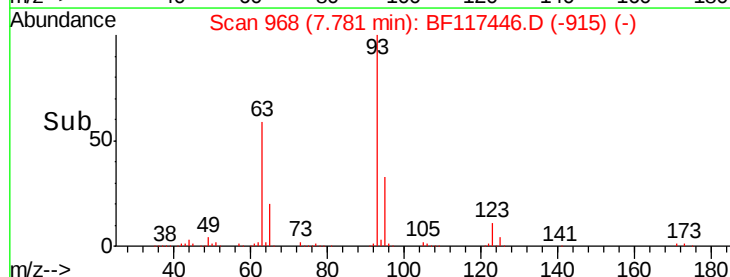
123 11.3 9.0 13.6

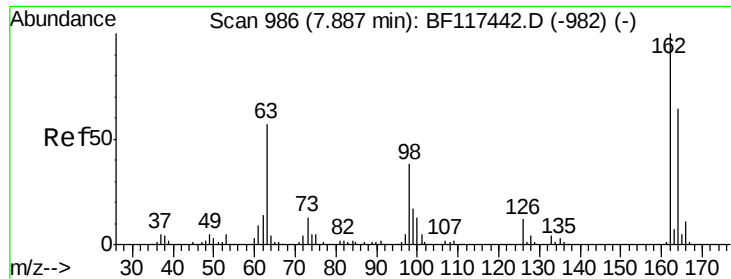


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

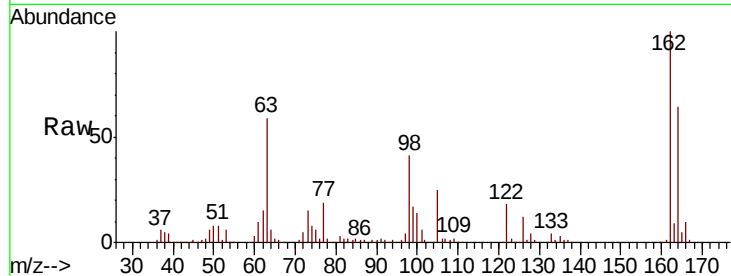




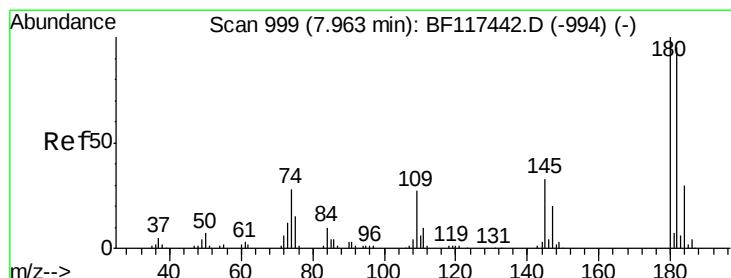
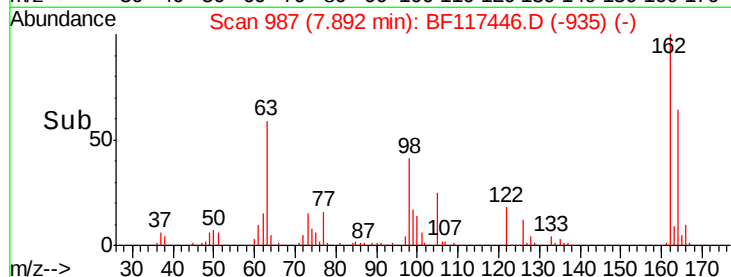
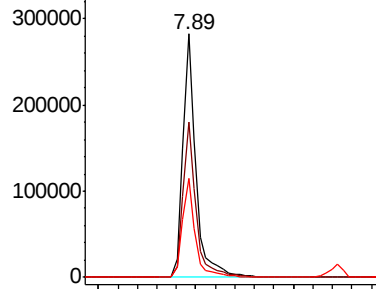
#29
2,4-Dichlorophenol
Concen: 94.785 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.4	84.4
98	40.8	18.2	58.2

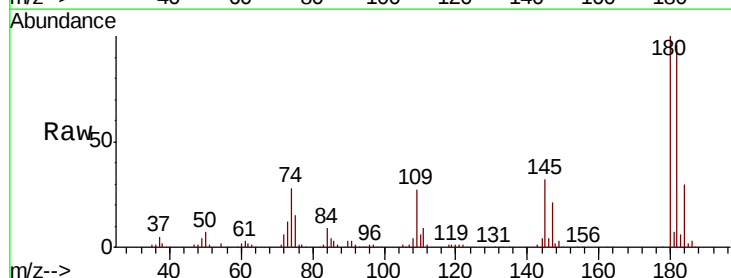


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

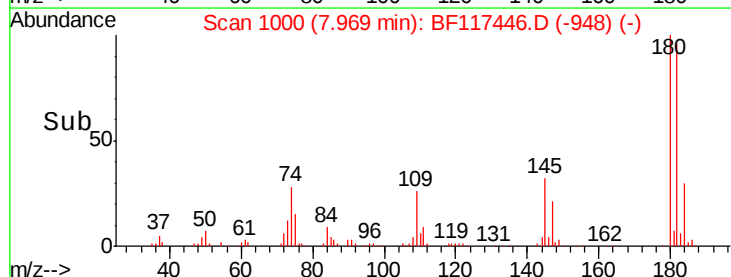
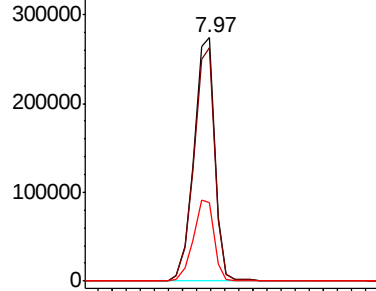


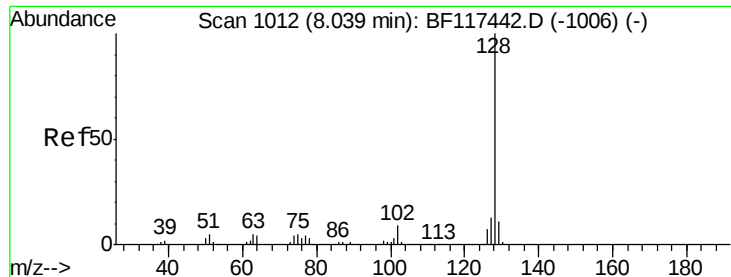
#30
1,2,4-Trichlorobenzene
Concen: 94.581 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.8
145	32.1	26.5	39.7



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

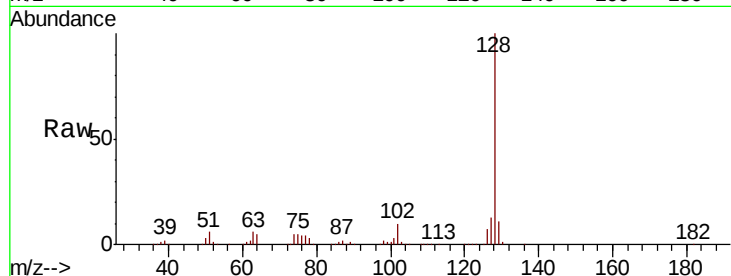




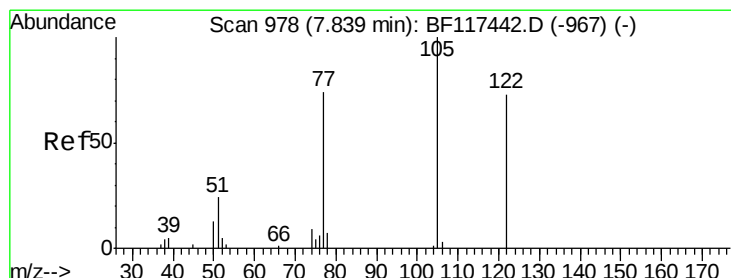
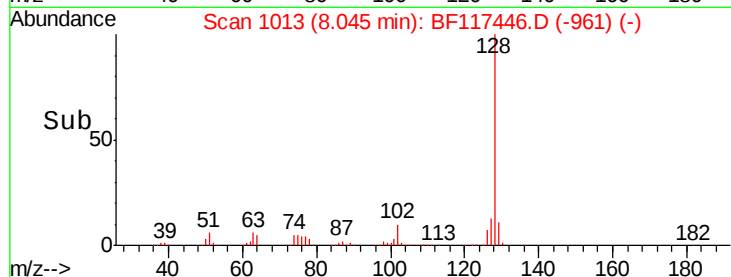
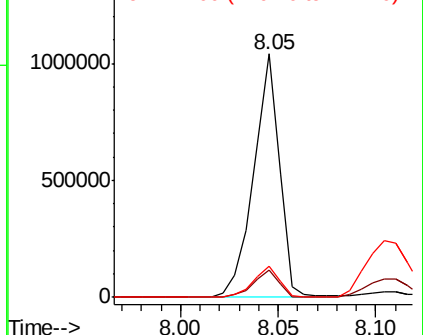
#31
Naphthalene
Concen: 95.255 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 954648
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.0 10.2 15.2

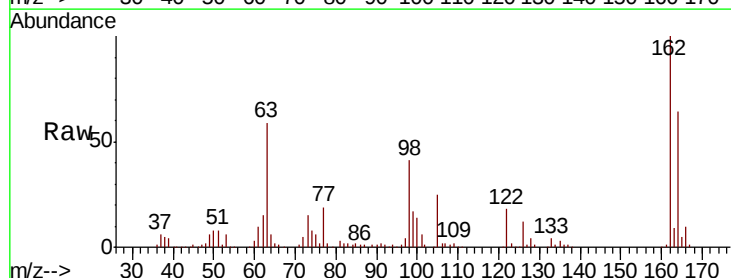


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

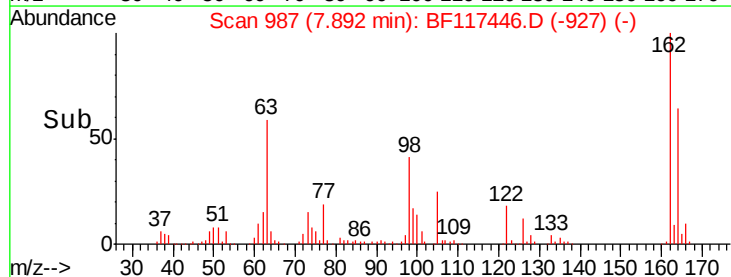
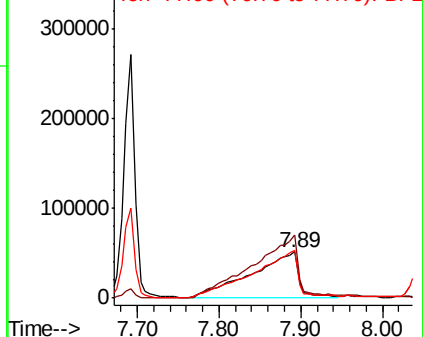


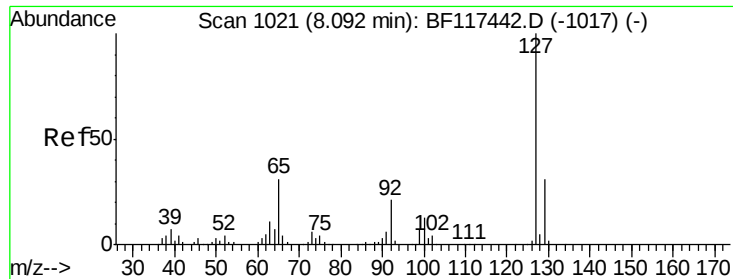
#32
Benzoic acid
Concen: 120.855 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.05 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:122 Resp: 201243
Ion Ratio Lower Upper
122 100
105 135.4 115.0 155.0
77 104.2 79.7 119.7



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

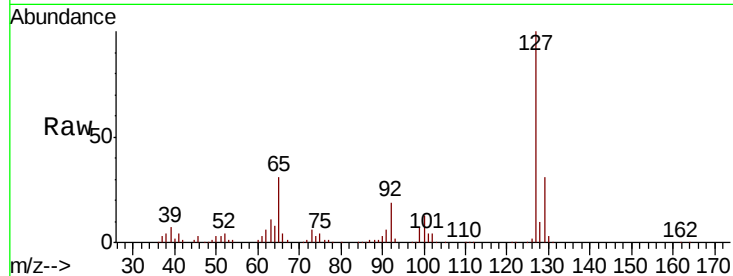




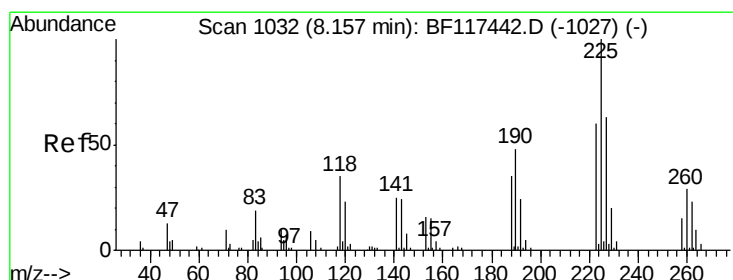
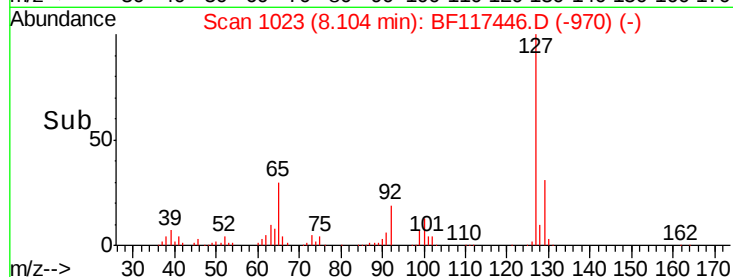
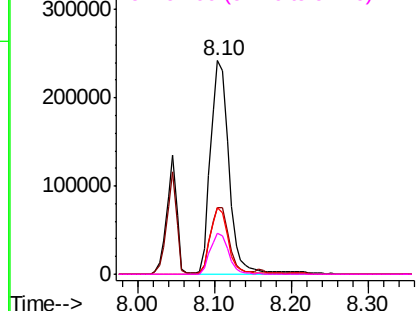
#33
4-Chloroaniline
Concen: 94.290 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	401320
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.8	37.2
65	31.0	24.6	37.0
92	19.5	16.5	24.7

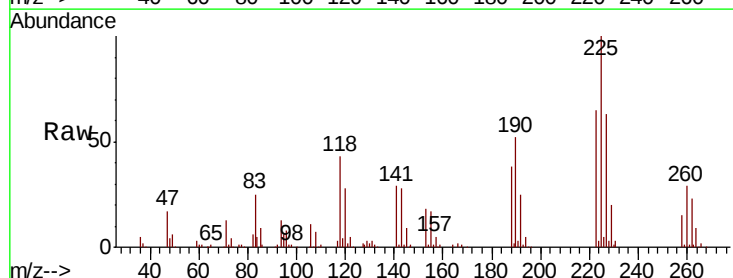


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

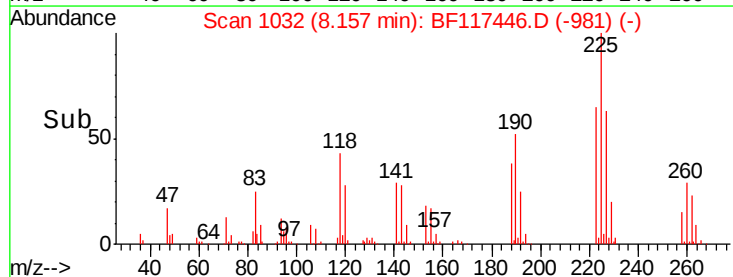
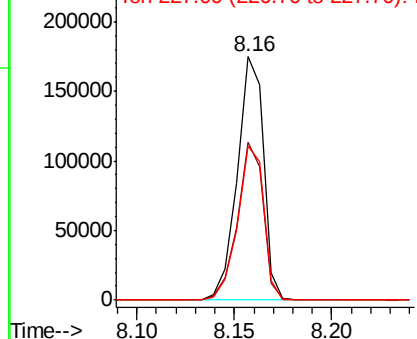


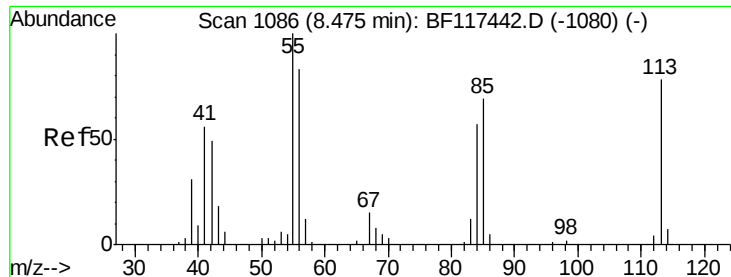
#34
Hexachlorobutadiene
Concen: 95.637 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:	225	Resp:	162928
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.2	72.4
227	63.4	50.2	75.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

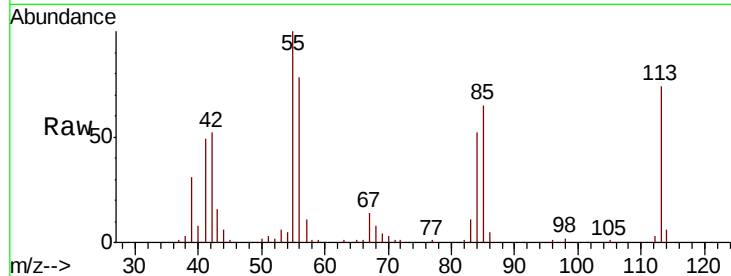




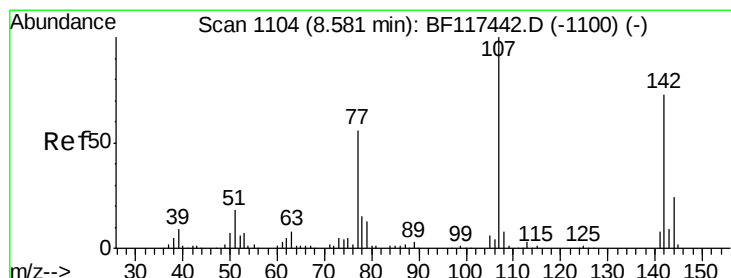
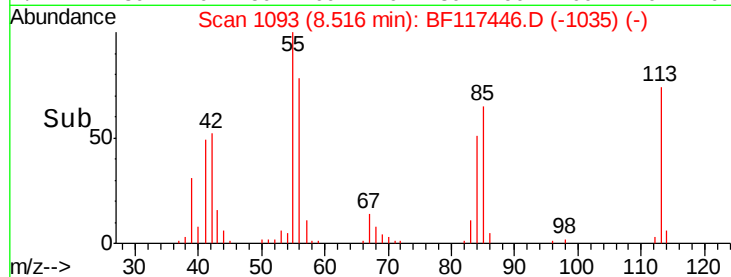
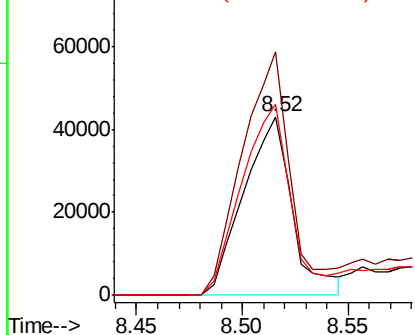
#35
Caprolactam
Concen: 79.858 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.04 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 69004
Ion Ratio Lower Upper
113 100
55 136.0 108.8 148.8
56 106.7 87.2 127.2

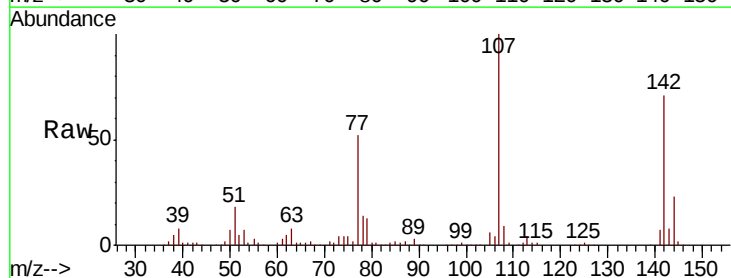


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

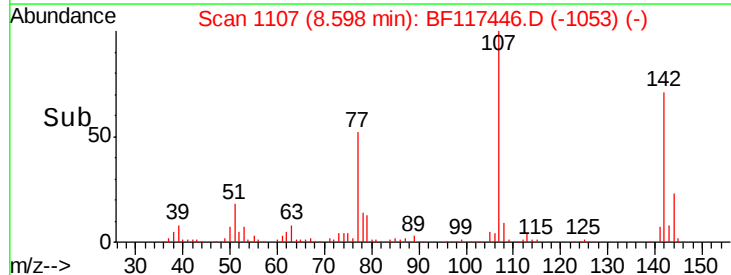
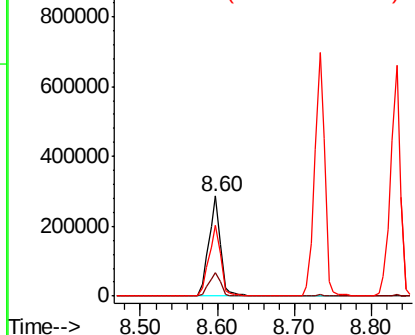


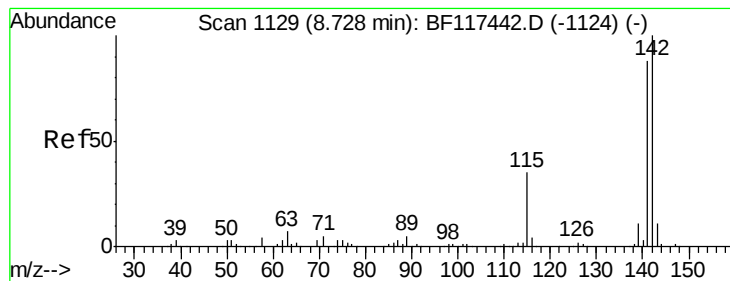
#36
4-Chloro-3-methylphenol
Concen: 96.206 ng
RT: 8.60 min Scan# 1107
Delta R.T. 0.02 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:107 Resp: 302058
Ion Ratio Lower Upper
107 100
144 23.0 18.9 28.3
142 71.3 58.6 88.0



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





#37

2-Methylnaphthalene

Concen: 94.679 ng

RT: 8.73 min Scan# 1130

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

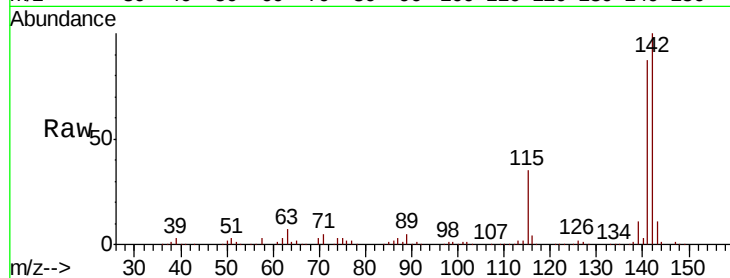
Tot Ion:142 Resp: 640738

Ion Ratio Lower Upper

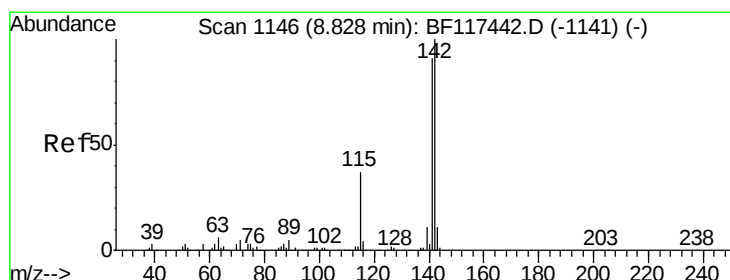
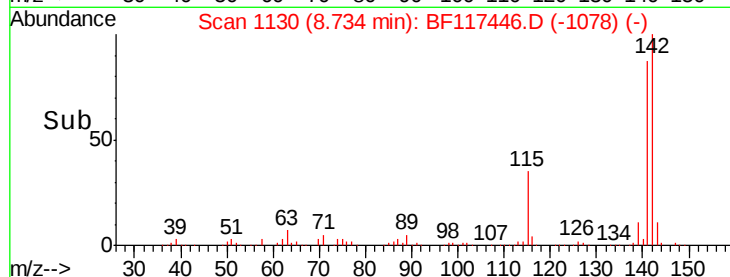
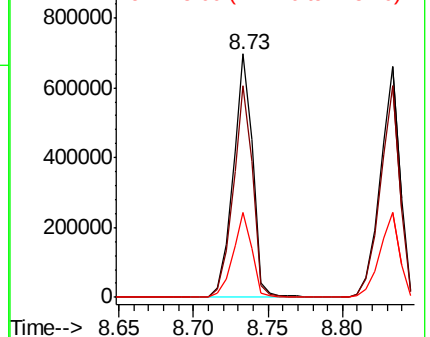
142 100

141 86.9 70.3 105.5

115 34.9 28.2 42.2



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: 92.242 ng

RT: 8.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

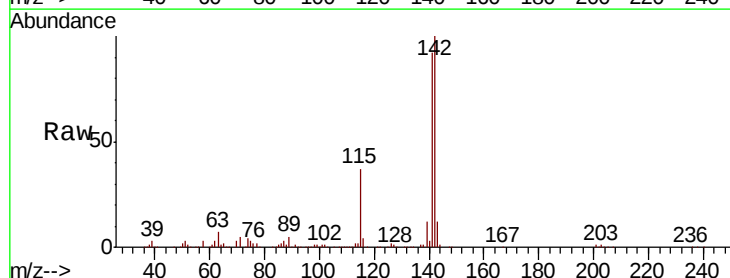
Tgt Ion:142 Resp: 588158

Ion Ratio Lower Upper

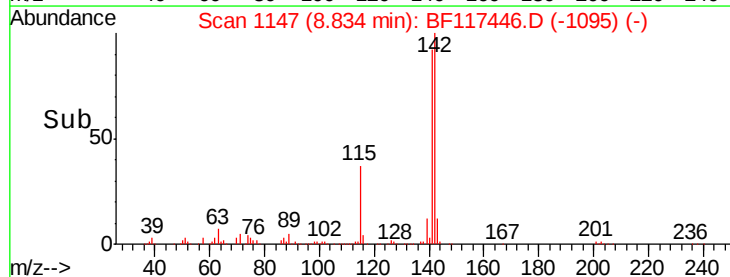
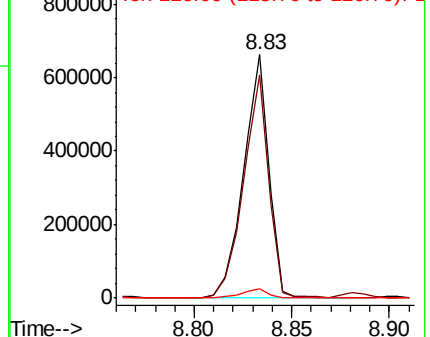
142 100

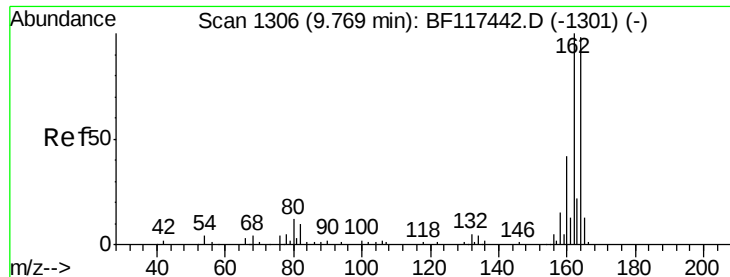
141 91.7 73.3 109.9

116 3.7 3.1 4.7



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

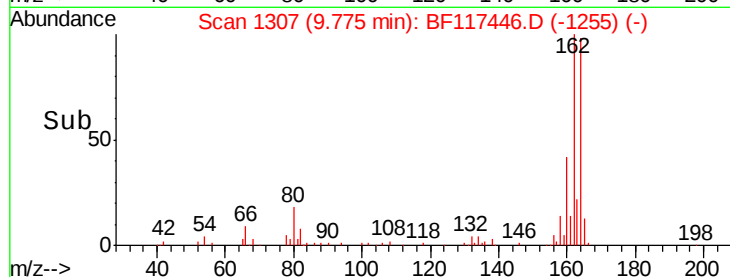
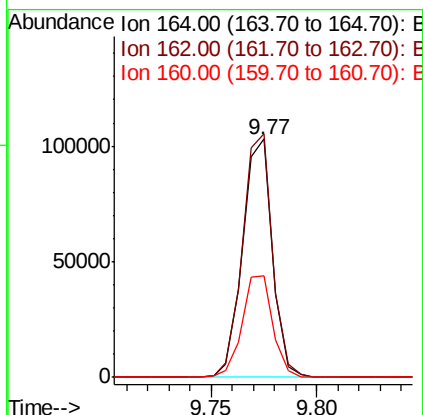
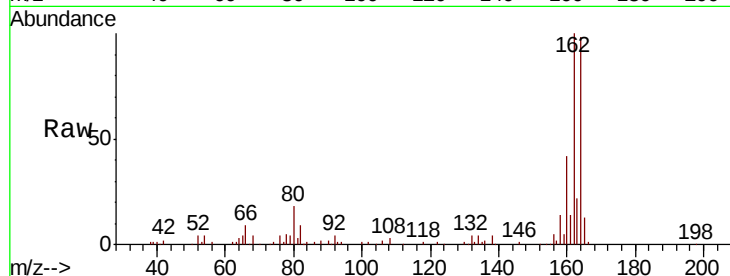




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

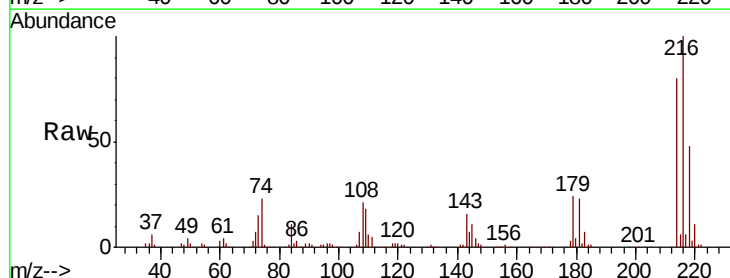
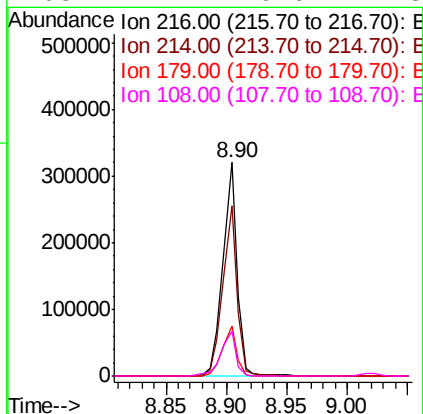
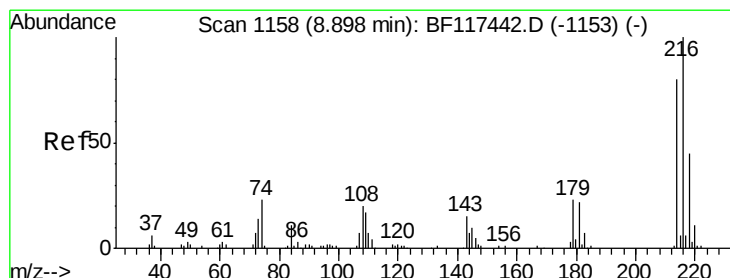
Instrument :
 BNA_F
 ClientSampleId :

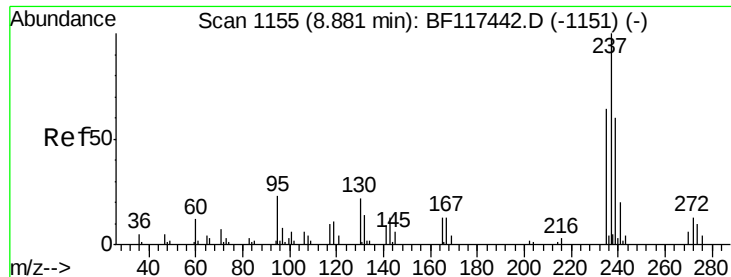
Tot Ion:164 Resp: 100678
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.8 122.6
 160 42.8 34.4 51.6



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 96.150 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:216 Resp: 260526
 Ion Ratio Lower Upper
 216 100
 214 80.2 62.4 93.6
 179 23.7 18.1 27.1
 108 22.2 16.6 24.8





#41

Hexachlorocyclopentadiene

Concen: 161.648 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampled :

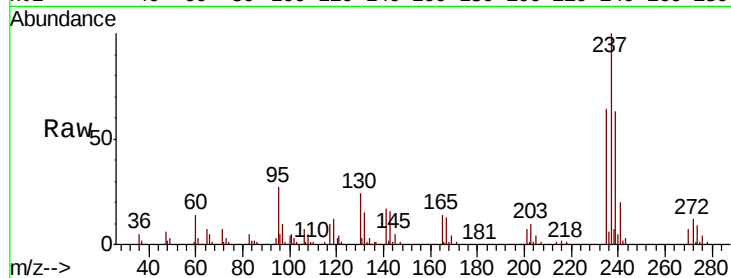
Tot Ion:237 Resp: 81790

Ion Ratio Lower Upper

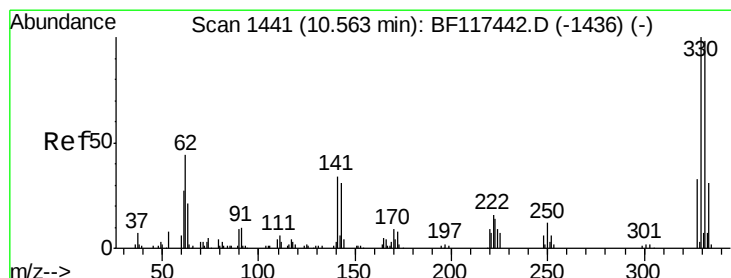
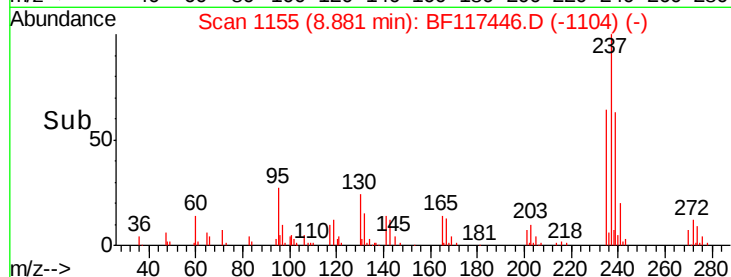
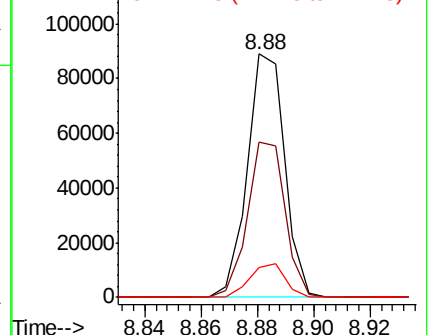
237 100

235 63.7 44.3 84.3

272 12.2 0.0 33.2



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: 201.611 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

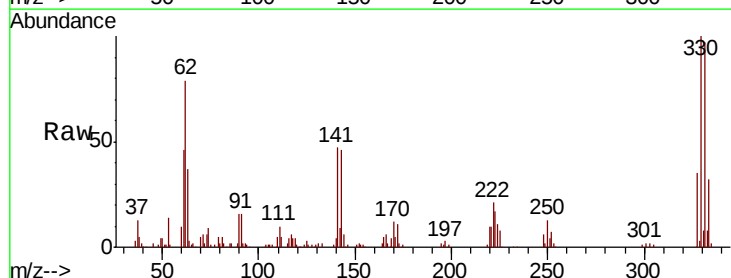
Tgt Ion:330 Resp: 165197

Ion Ratio Lower Upper

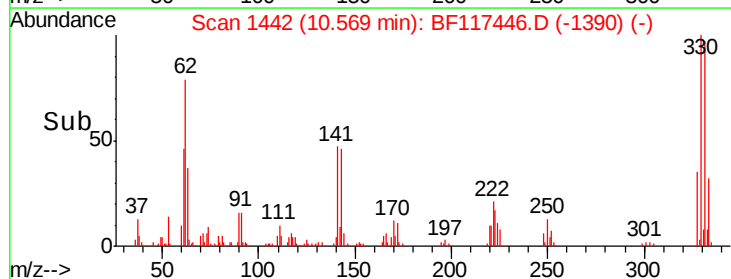
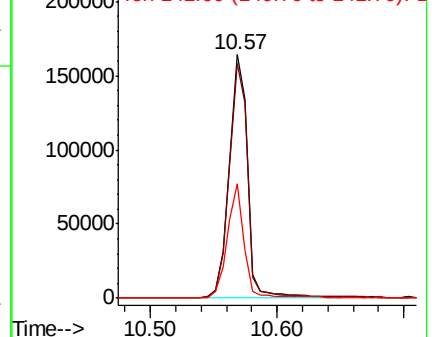
330 100

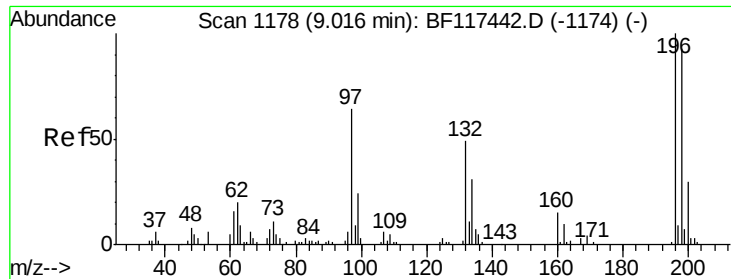
332 97.1 78.5 117.7

141 43.5 37.0 55.6



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

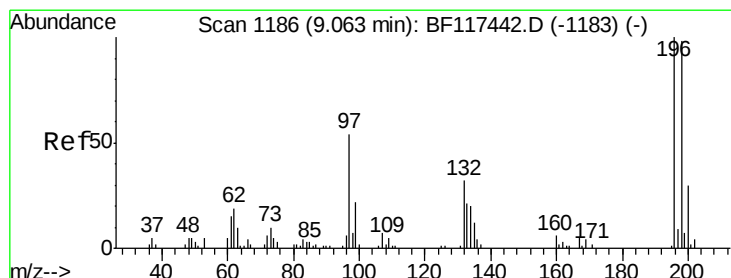
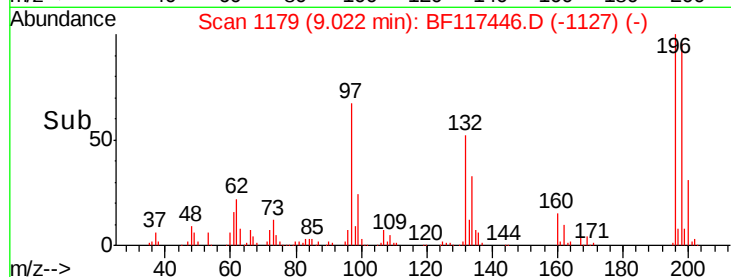
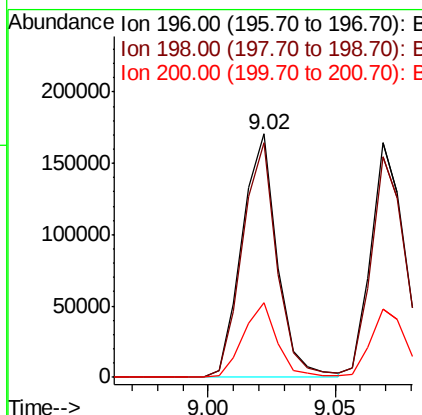
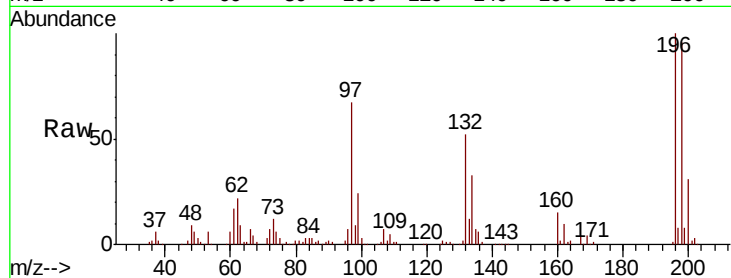




#43
 2,4,6-Trichlorophenol
 Concen: 96.443 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

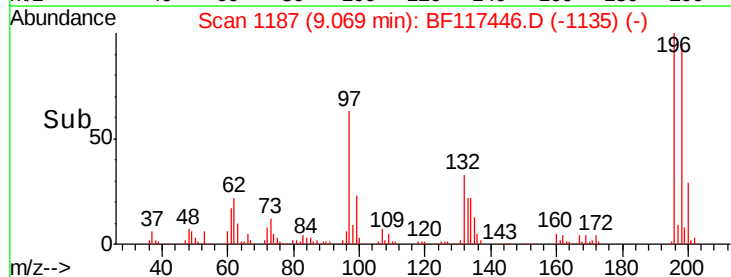
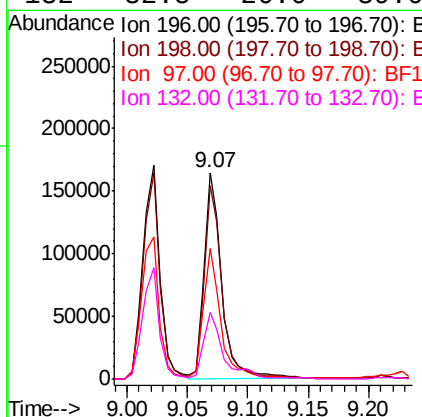
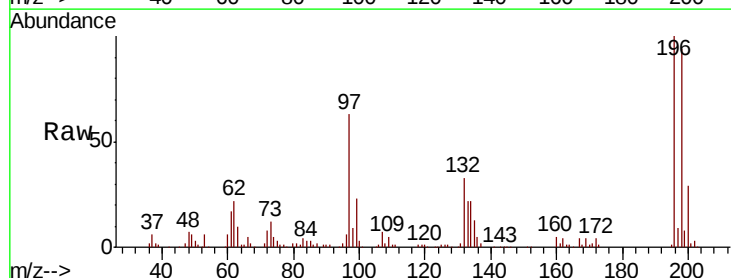
Instrument :
 BNA_F
 ClientSampleId :

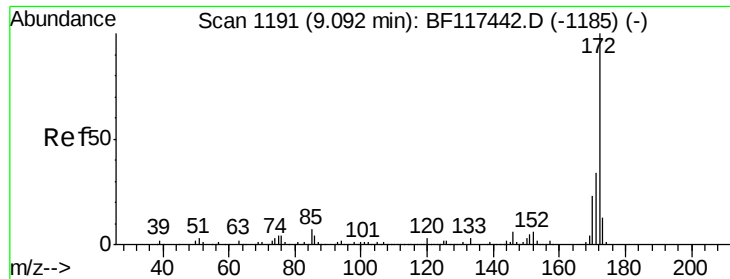
Tot Ion:196 Resp: 165377
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.1 111.1
 200 30.8 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 95.004 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:196 Resp: 166173
 Ion Ratio Lower Upper
 196 100
 198 93.8 78.6 117.8
 97 63.3 43.4 65.2
 132 32.5 26.0 39.0

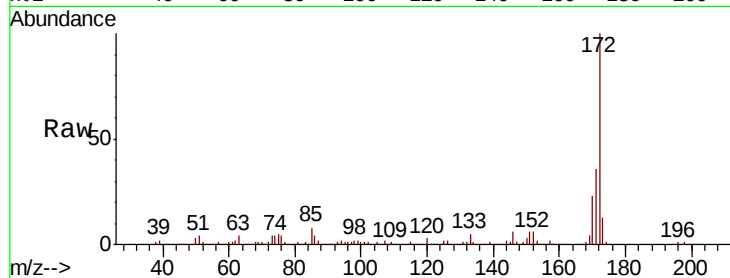




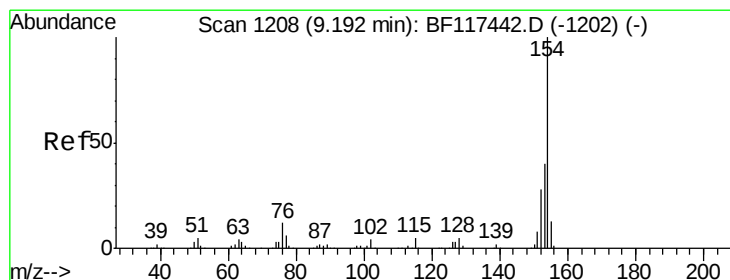
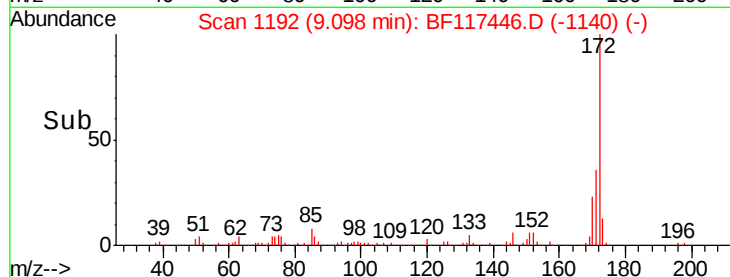
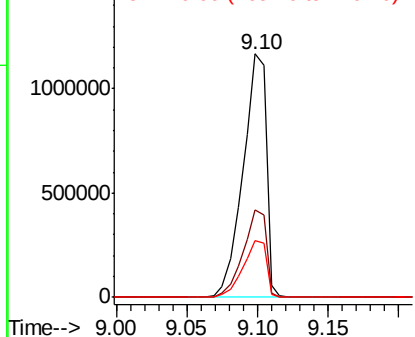
#45
2-Fluorobiphenyl
Concen: 195.319 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1348830
Ion Ratio Lower Upper
172 100
171 36.1 27.5 41.3
170 23.1 18.6 27.8

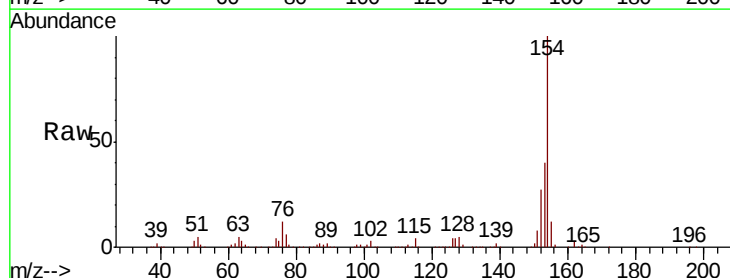


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

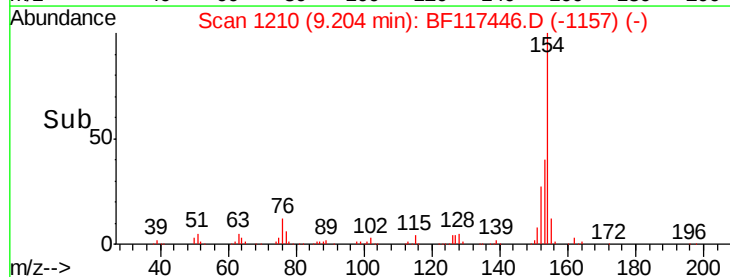
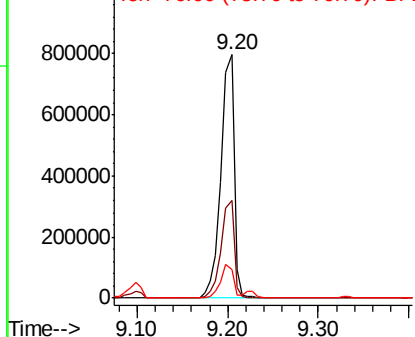


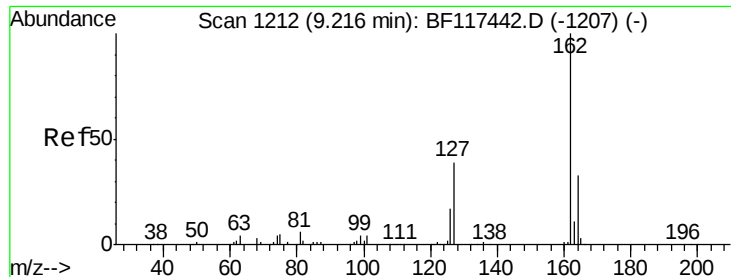
#46
1,1'-Biphenyl
Concen: 96.883 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:154 Resp: 796842
Ion Ratio Lower Upper
154 100
153 40.1 20.2 60.2
76 11.9 0.0 32.1



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

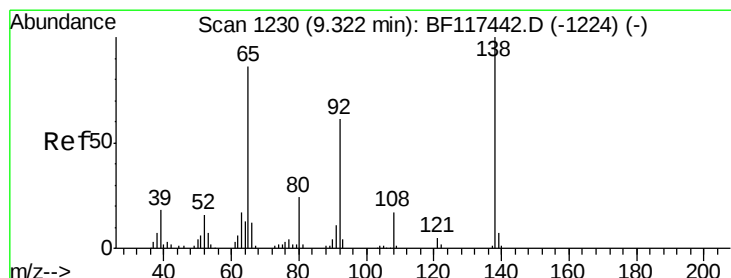
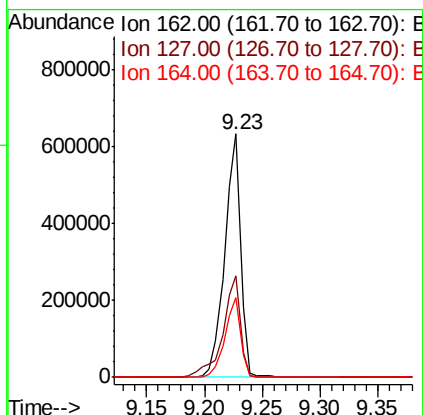
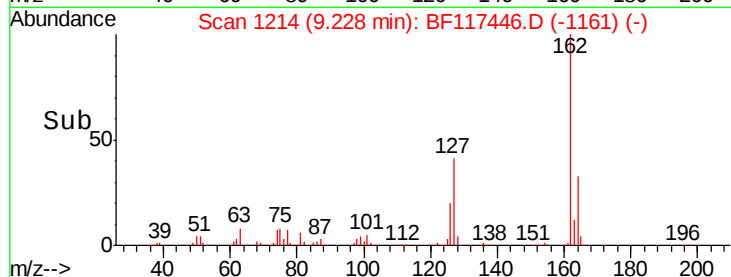
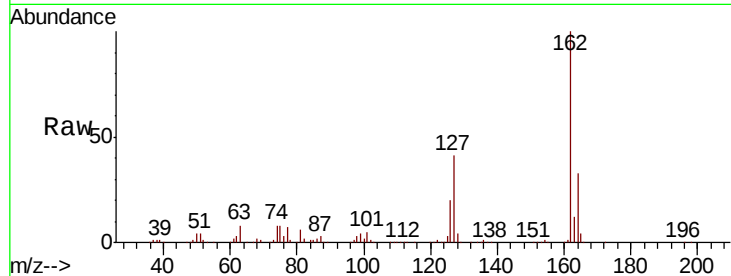




#47
 2-Chloronaphthalene
 Concen: 94.364 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

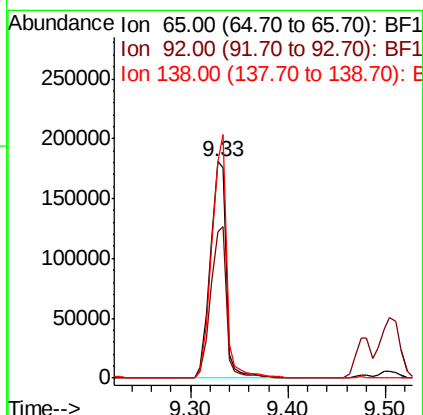
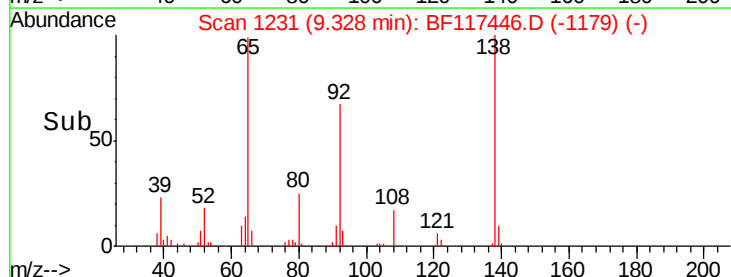
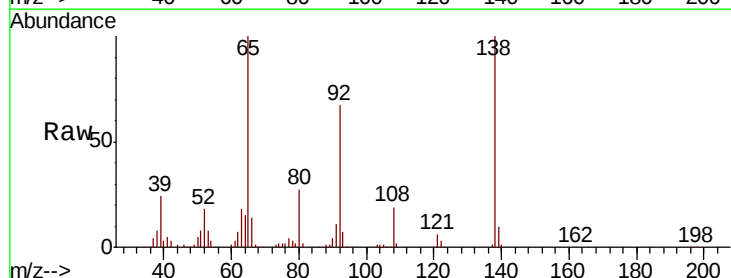
Instrument :
 BNA_F
 ClientSampleId :

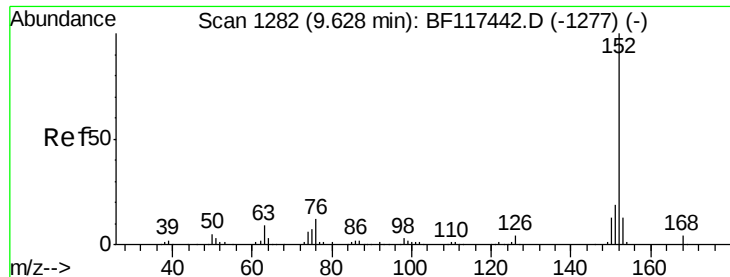
Tot Ion:	162	Resp:	605018
Ion	Ratio	Lower	Upper
162	100		
127	41.5	34.2	51.4
164	32.6	26.4	39.6



#48
 2-Nitroaniline
 Concen: 101.036 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:	65	Resp:	206687
Ion	Ratio	Lower	Upper
65	100		
92	67.7	57.3	85.9
138	100.3	93.3	139.9





#49

Acenaphthylene

Concen: 92.888 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

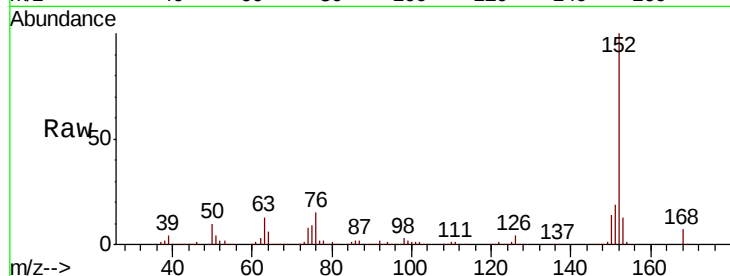
Tot Ion:152 Resp: 873073

Ion Ratio Lower Upper

152 100

151 19.4 15.4 23.0

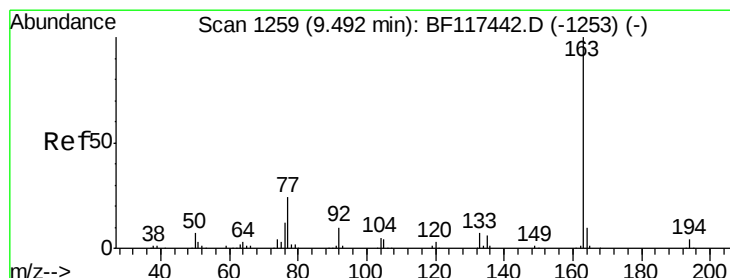
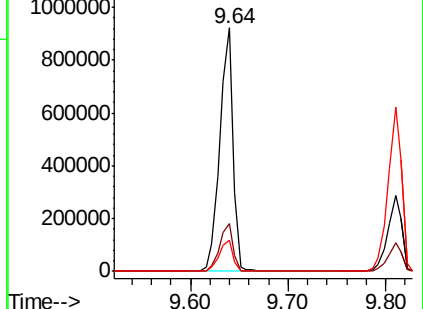
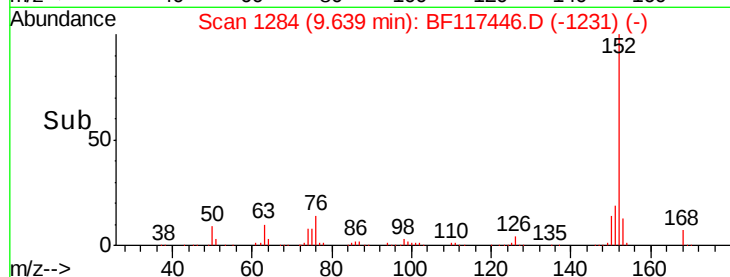
153 13.0 10.3 15.5



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: 96.102 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

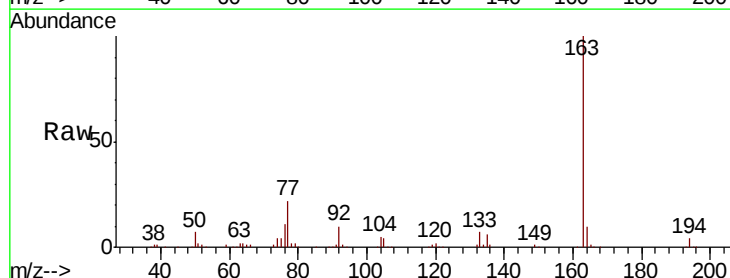
Tgt Ion:163 Resp: 694864

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

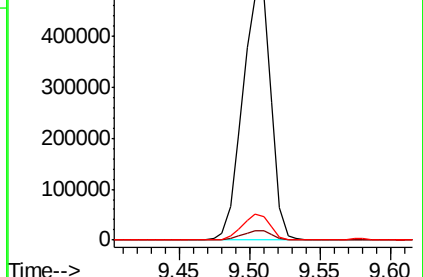
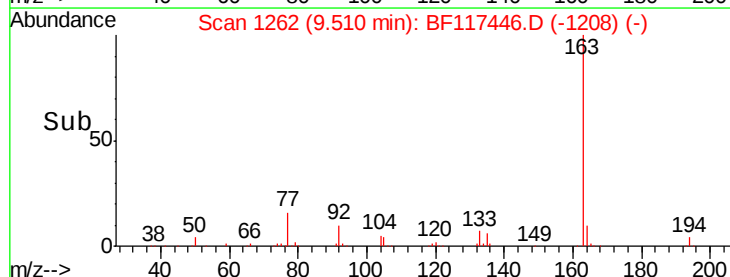
164 9.8 8.2 12.2

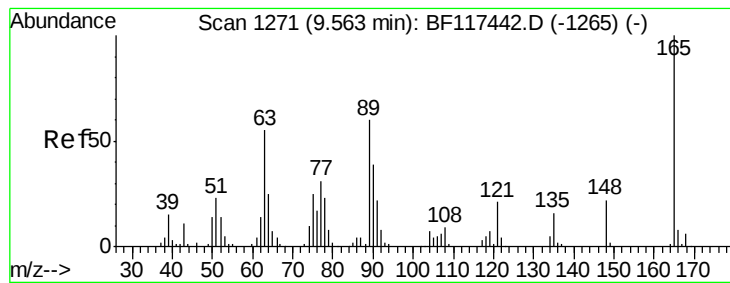


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 96.920 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampled :

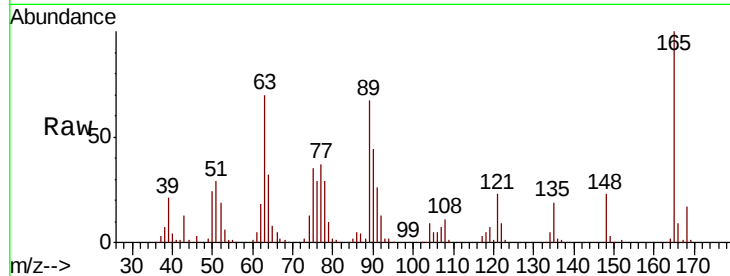
Tot Ion:165 Resp: 147297

Ion Ratio Lower Upper

165 100

63 69.7 43.8 65.8#

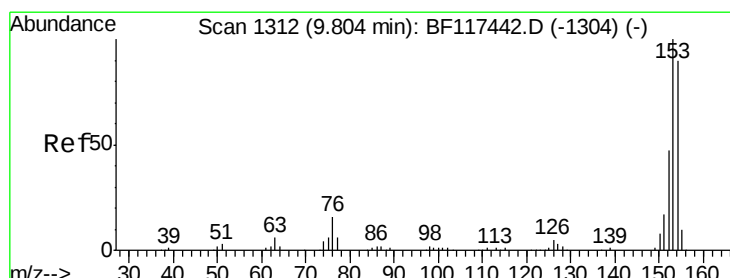
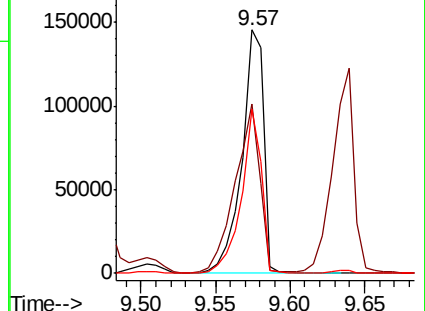
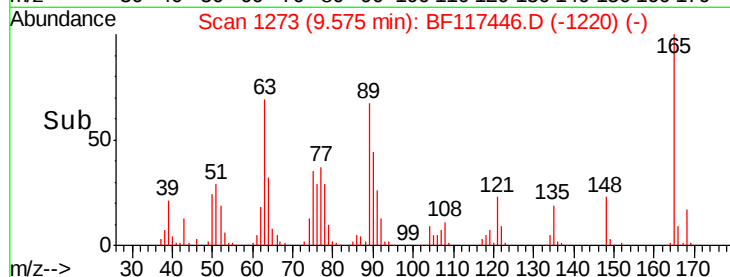
89 67.4 47.6 71.4



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: 95.576 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

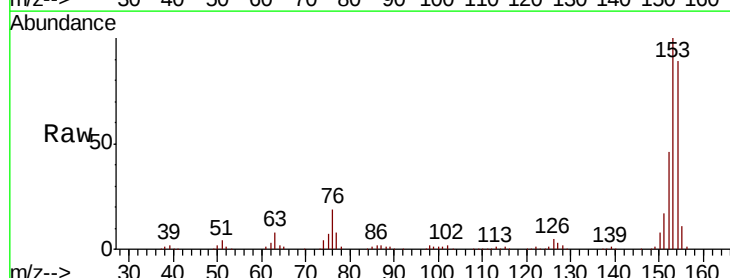
Tgt Ion:154 Resp: 545870

Ion Ratio Lower Upper

154 100

153 112.6 89.2 133.8

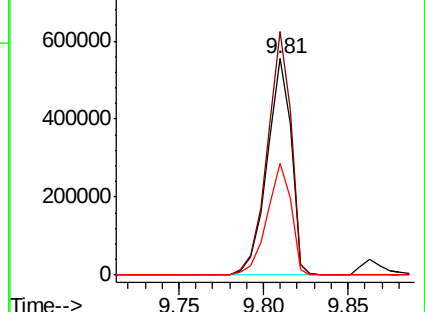
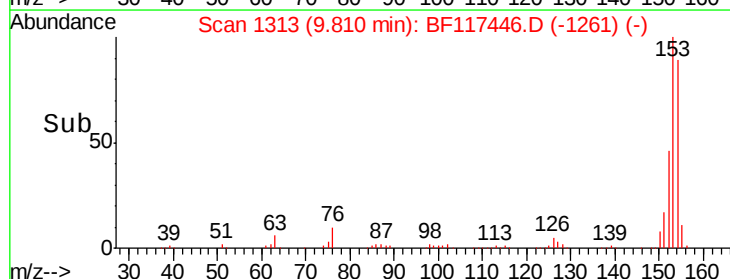
152 51.9 41.8 62.6

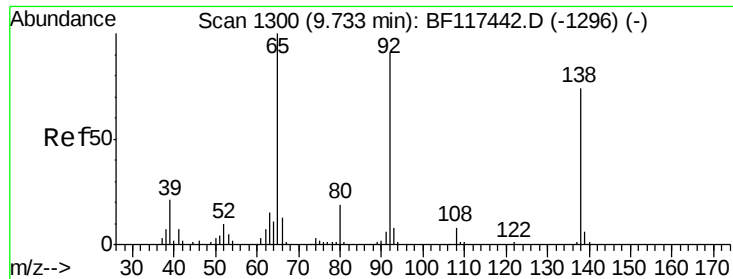


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

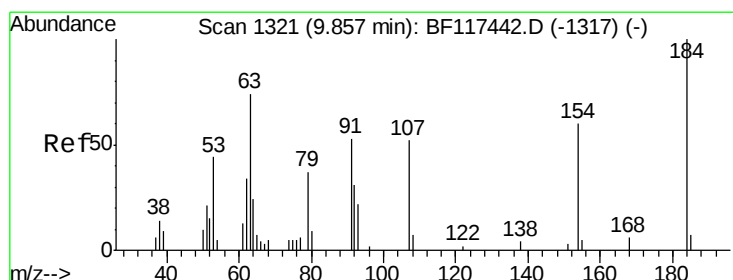
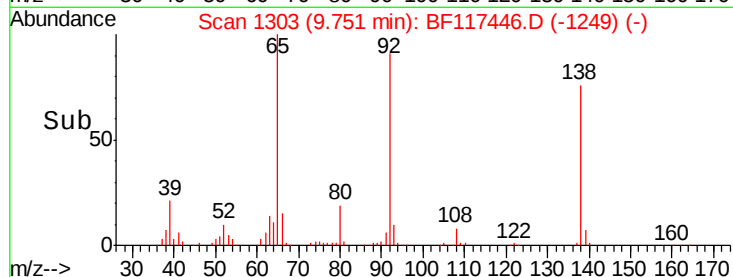
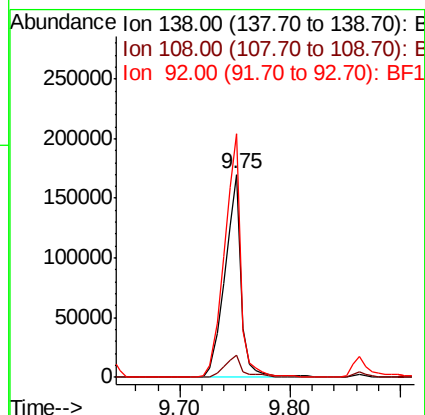
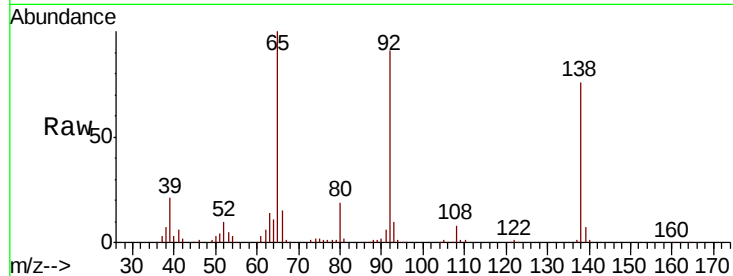




#53
3-Nitroaniline
Concen: 93.822 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.02 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

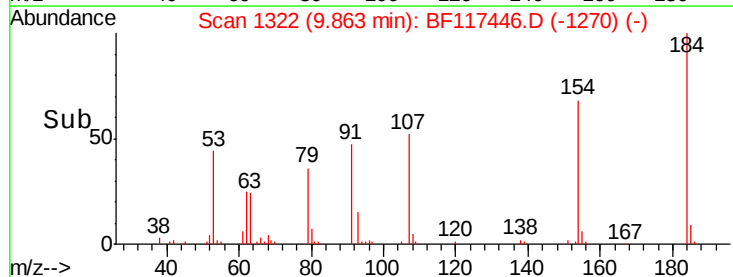
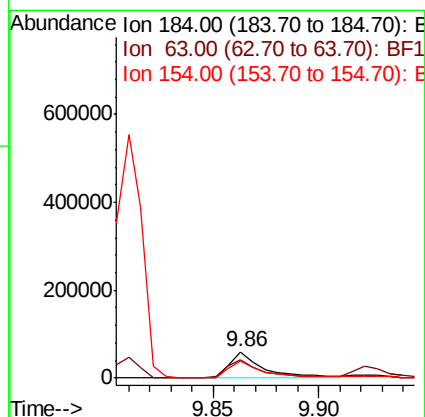
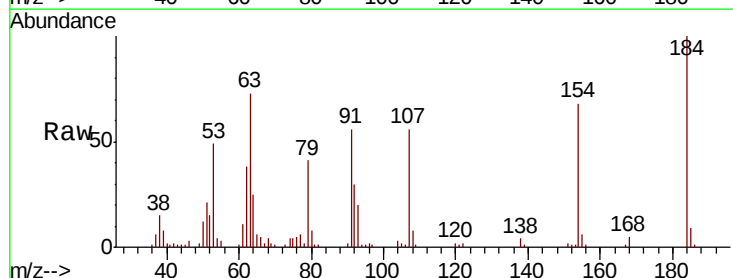
Instrument :
BNA_F
ClientSampleId :

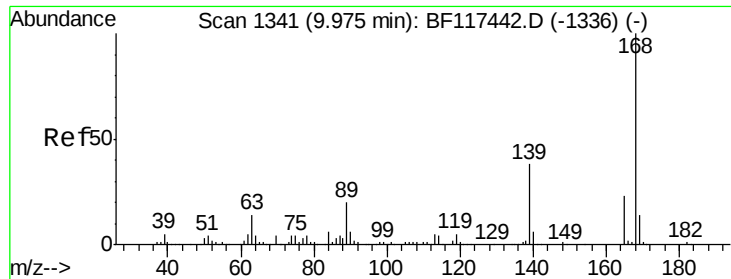
Tot Ion:138 Resp: 174123
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 120.0 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 110.430 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:184 Resp: 64302
Ion Ratio Lower Upper
184 100
63 72.6 59.2 88.8
154 67.5 53.4 80.0

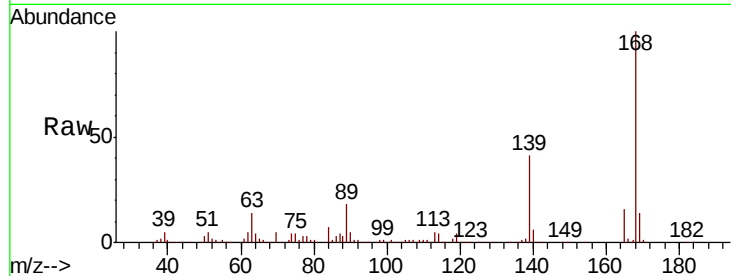




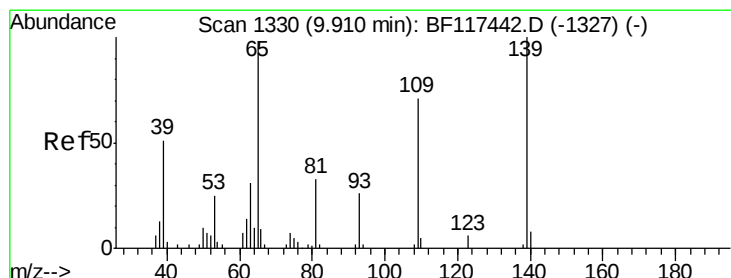
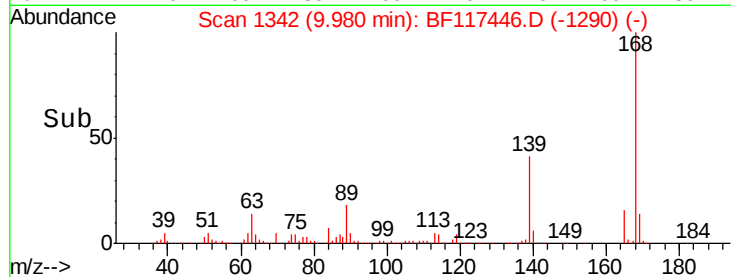
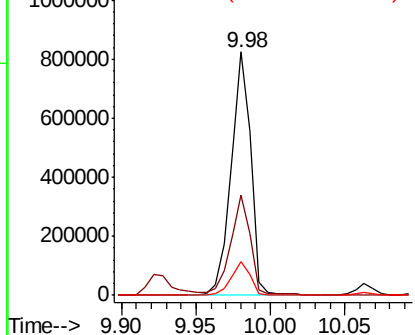
#55
Dibenzenofuran
Concen: 92.775 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 772951
Ion Ratio Lower Upper
168 100
139 41.2 31.8 47.6
169 13.6 11.2 16.8

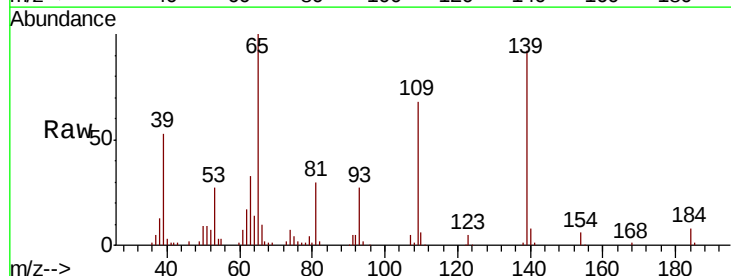


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

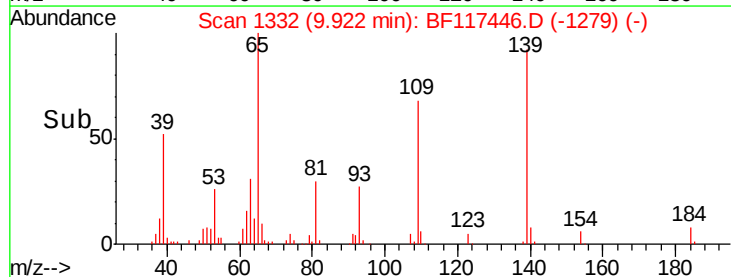
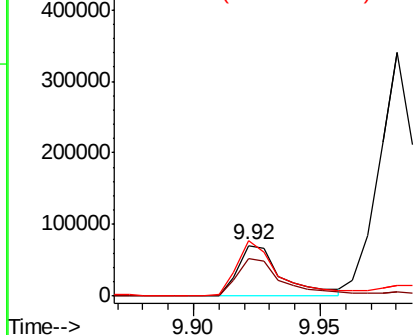


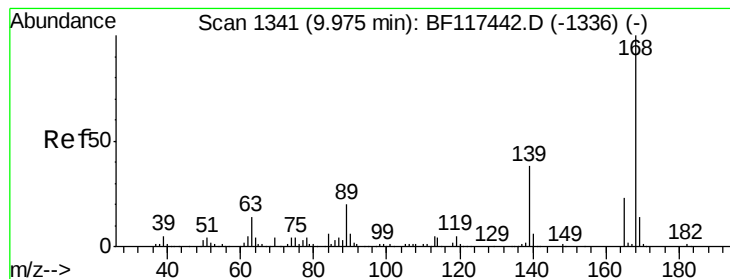
#56
4-Nitrophenol
Concen: 116.764 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:139 Resp: 86240
Ion Ratio Lower Upper
139 100
109 74.4 51.4 91.4
65 108.7 79.4 119.4



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: 95.099 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 190705

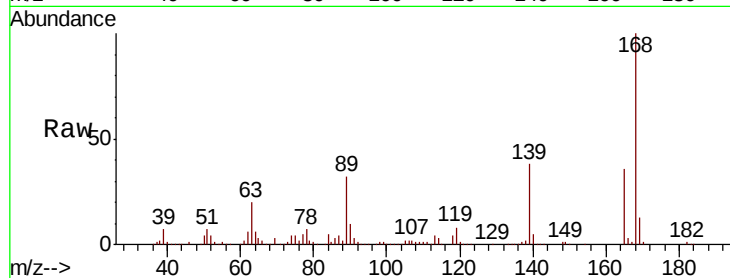
Ion Ratio Lower Upper

165 100

63 56.6 51.4 77.0

89 88.3 69.9 104.9

182 2.7 1.9 2.9

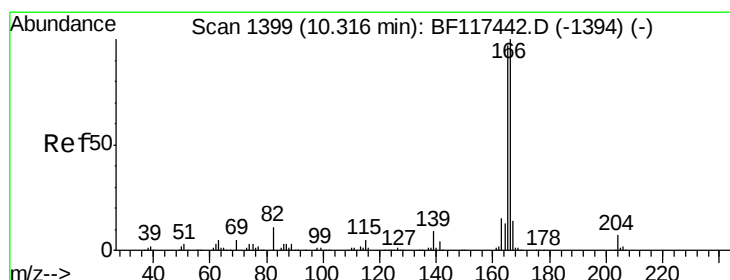
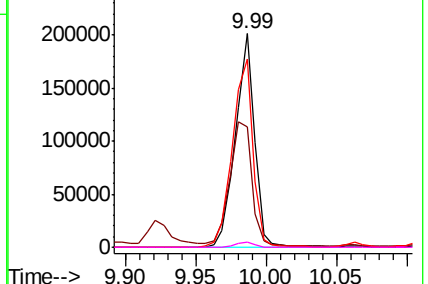
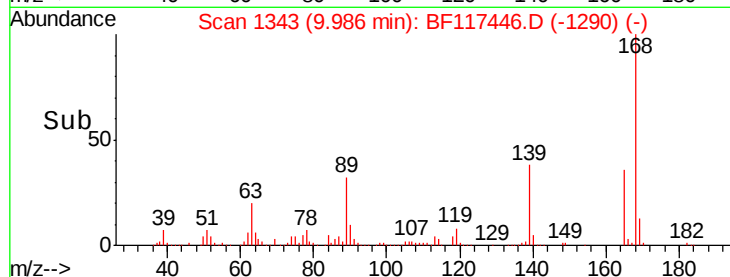


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 92.637 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

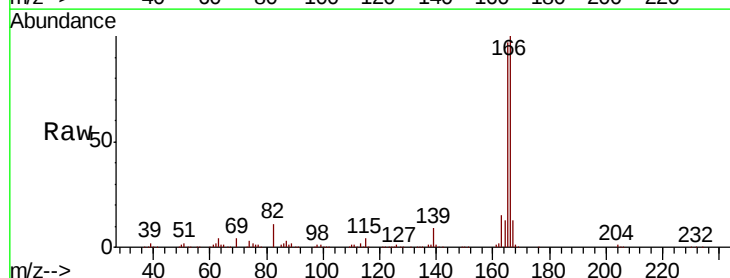
Tgt Ion:166 Resp: 642624

Ion Ratio Lower Upper

166 100

165 96.7 77.6 116.4

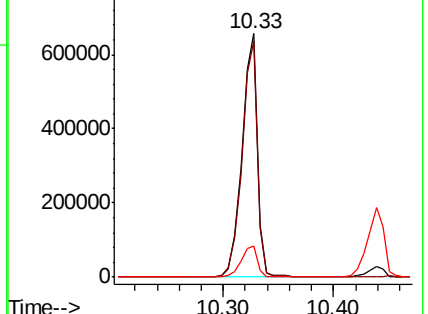
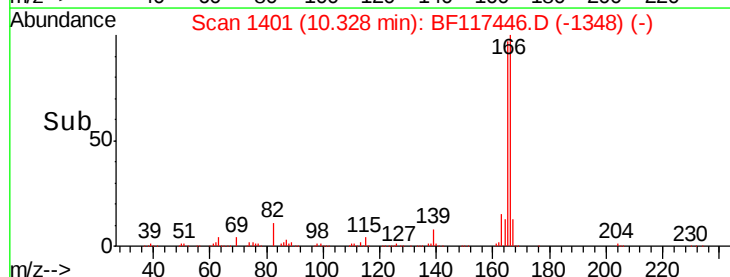
167 12.9 11.0 16.4

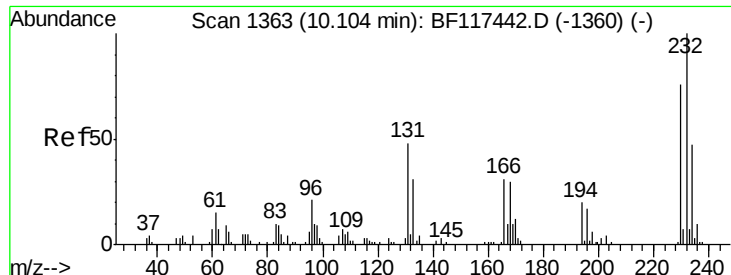


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

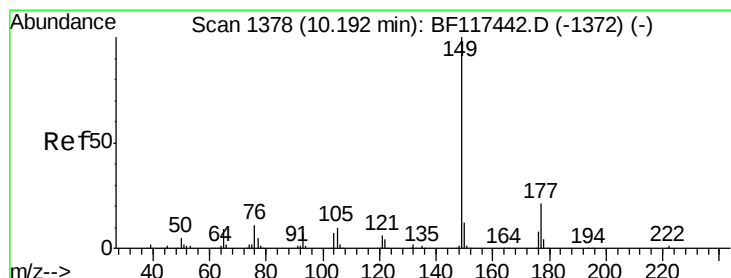
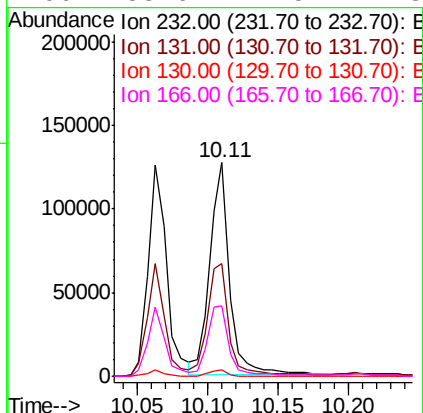
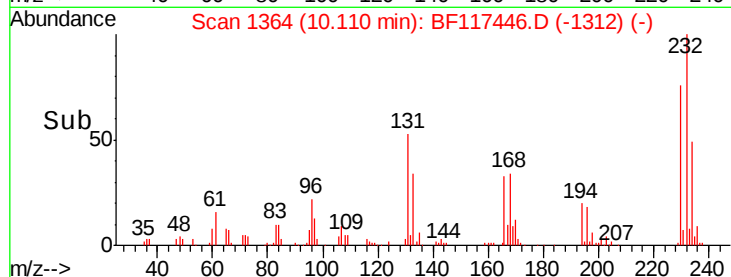
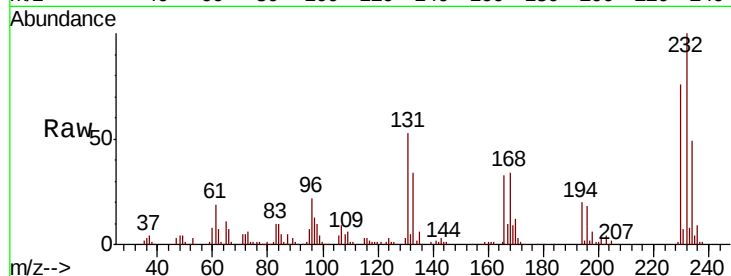




#59
2,3,4,6-Tetrachlorophenol
Concen: 91.811 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

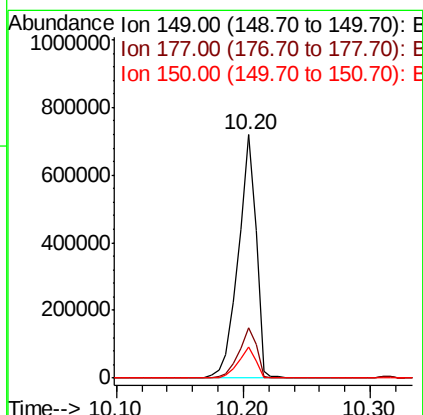
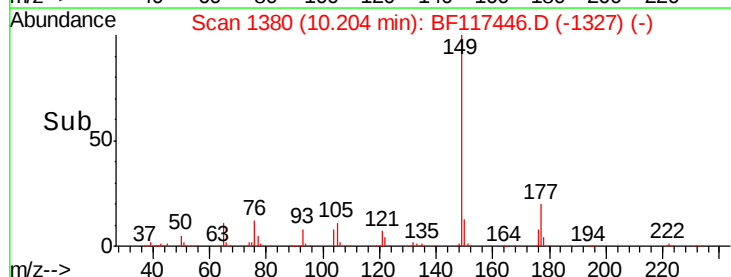
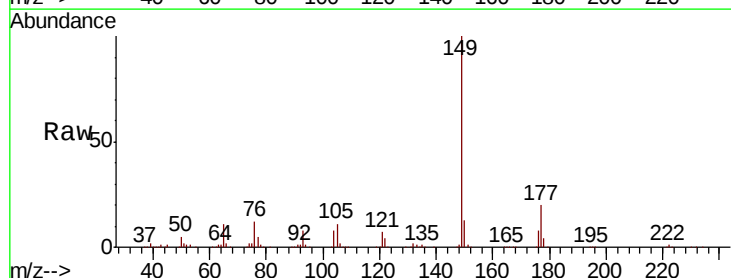
Instrument :
BNA_F
ClientSampleId :

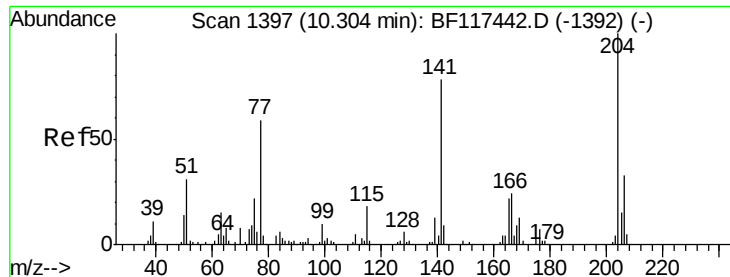
Tot Ion	Ratio	Lower	Upper
232	100		
131	57.5	42.6	63.8
130	2.9	2.2	3.4
166	35.6	27.5	41.3



#60
Diethylphthalate
Concen: 94.688 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.4	17.0	25.4
150	12.8	9.8	14.6

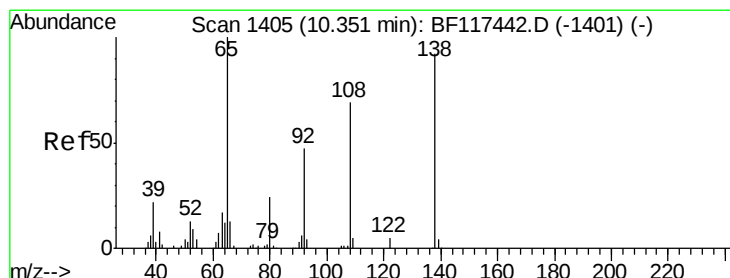
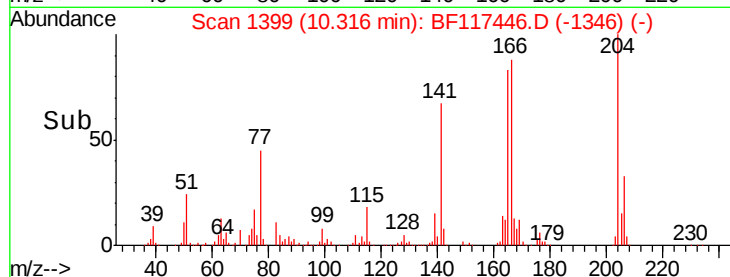
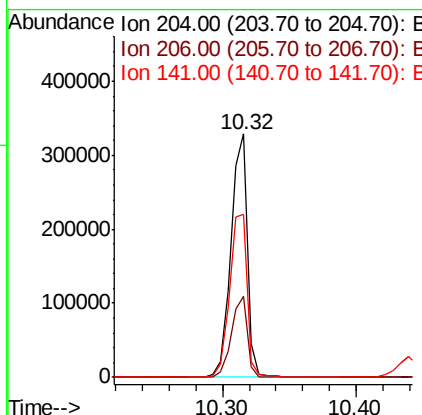
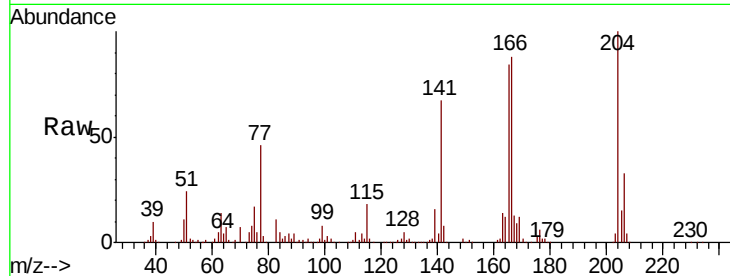




#61
 4-Chlorophenyl-phenylether
 Concen: 93.513 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

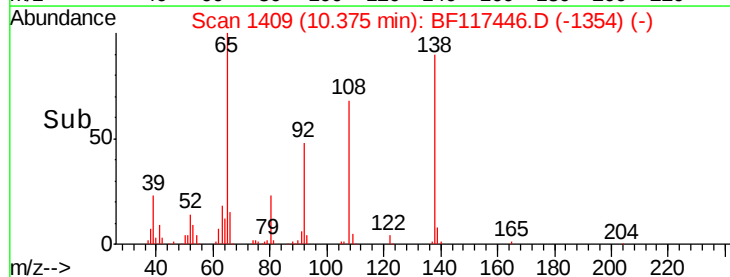
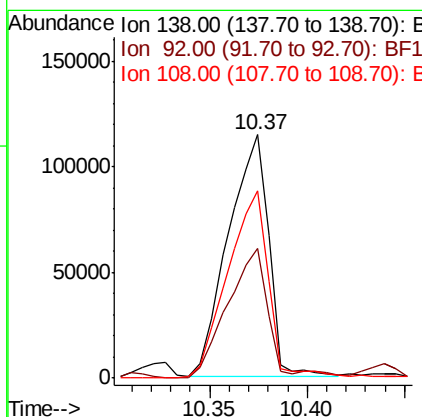
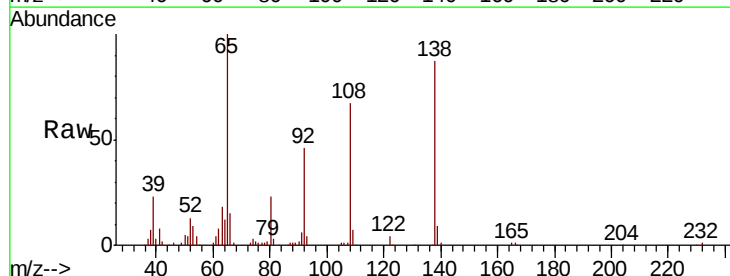
Instrument :
 BNA_F
 ClientSampled :

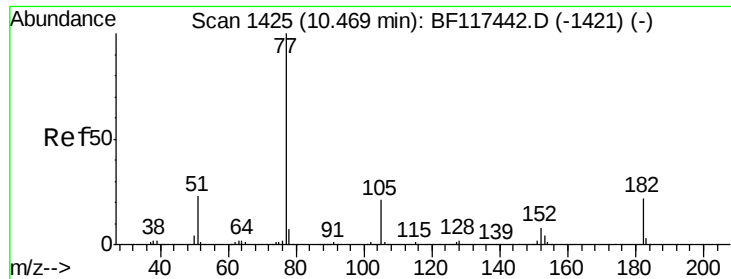
Tot Ion:	204	Resp:	287208
Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	66.8	62.2	93.4



#62
 4-Nitroaniline
 Concen: 93.055 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.02 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:	138	Resp:	164164
Ion	Ratio	Lower	Upper
138	100		
92	53.3	30.3	70.3
108	77.1	54.9	94.9

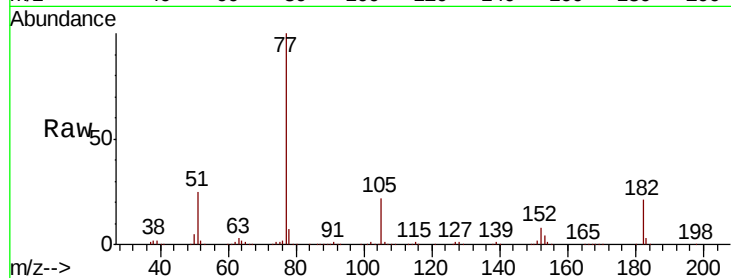




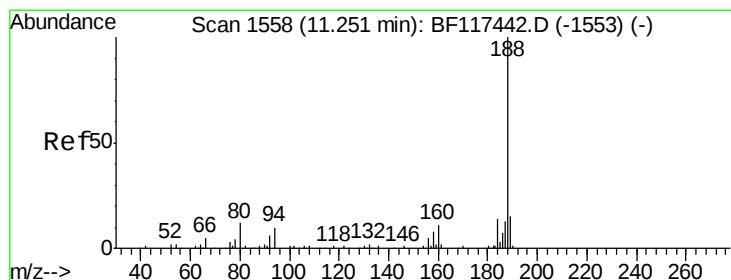
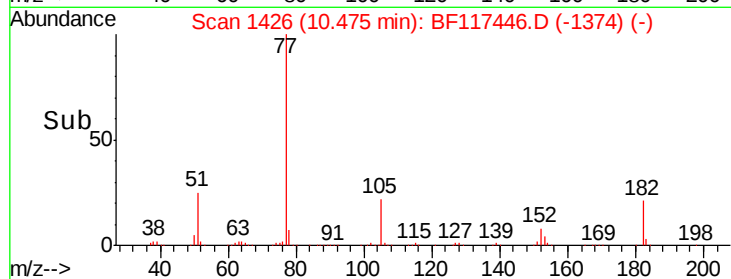
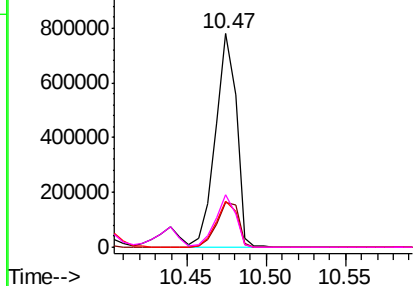
#63
Azobenzene
Concen: 95.454 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.1	2.3	42.3
105	21.5	1.3	41.3
51	24.6	3.5	43.5

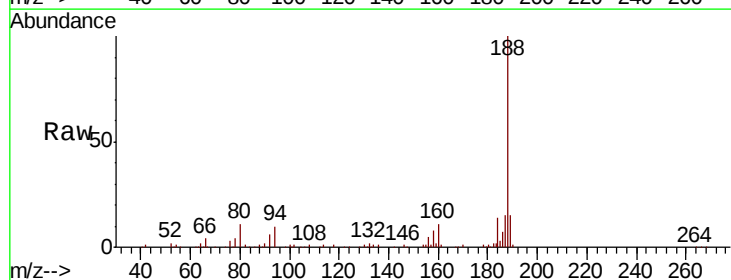


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

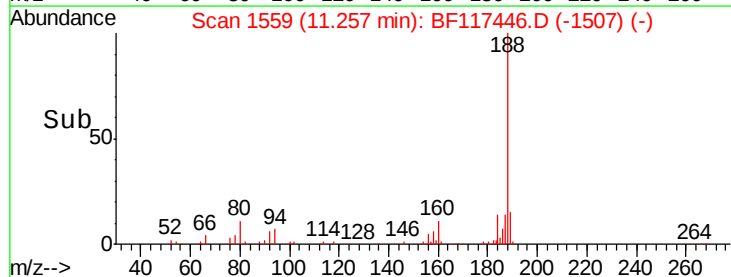
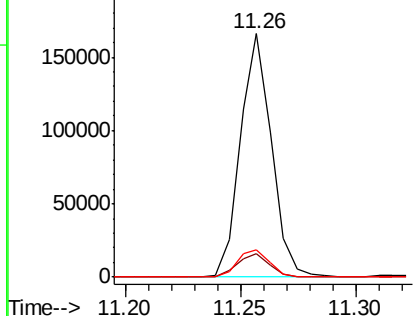


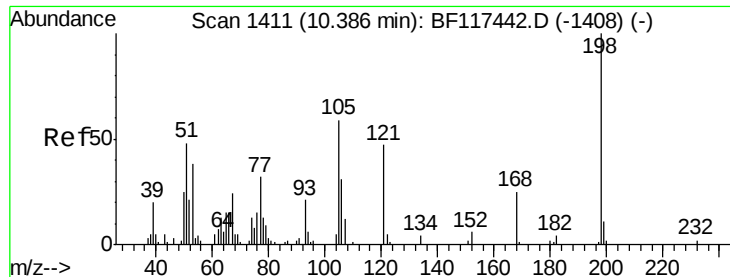
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	11.0	9.5	14.3



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: 115.006 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampled :

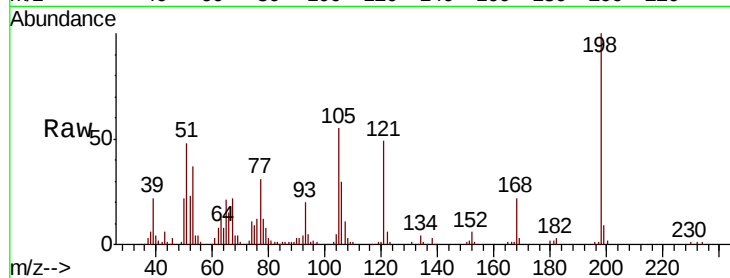
Tot Ion:198 Resp: 90131

Ion	Ratio	Lower	Upper
198	100		
51	48.2	29.1	69.1
105	55.3	39.4	79.4

198 100

51 48.2 29.1 69.1

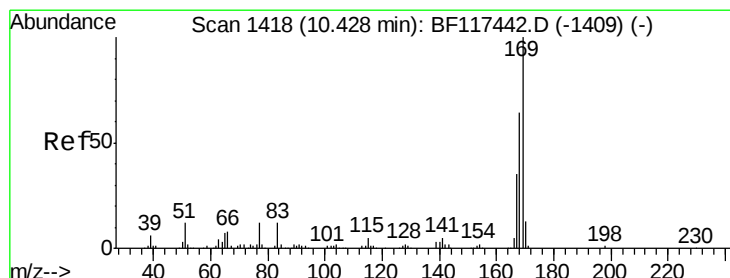
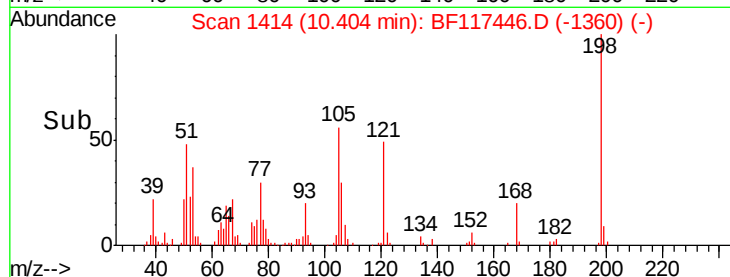
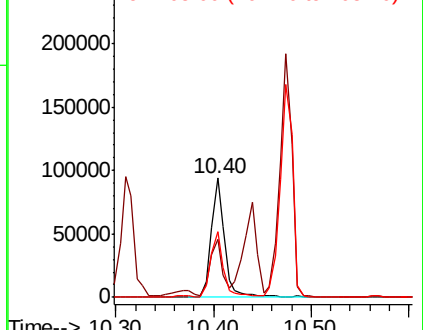
105 55.3 39.4 79.4



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: 95.584 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

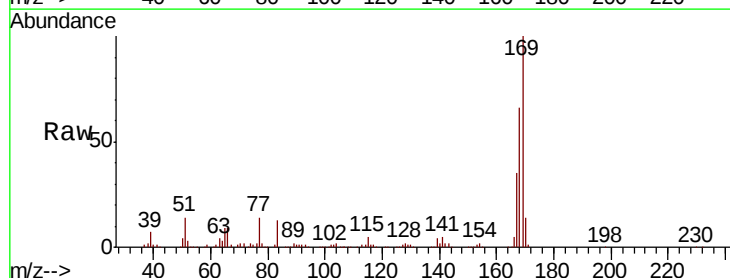
Tgt Ion:169 Resp: 557088

Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.3	76.9
167	35.2	28.2	42.4

169 100

168 65.9 51.3 76.9

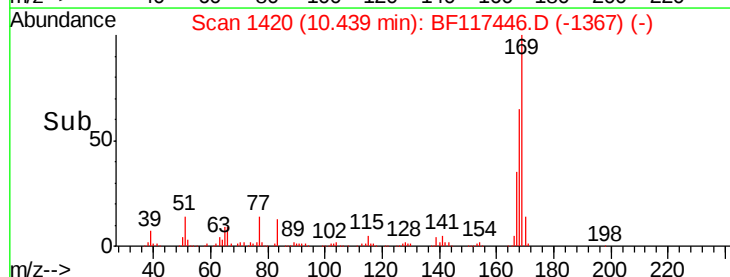
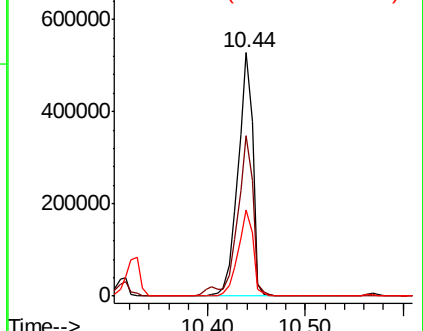
167 35.2 28.2 42.4

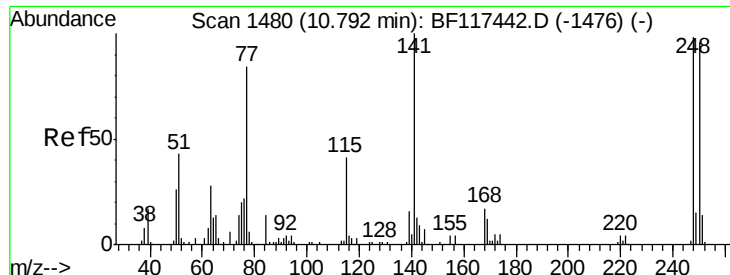


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

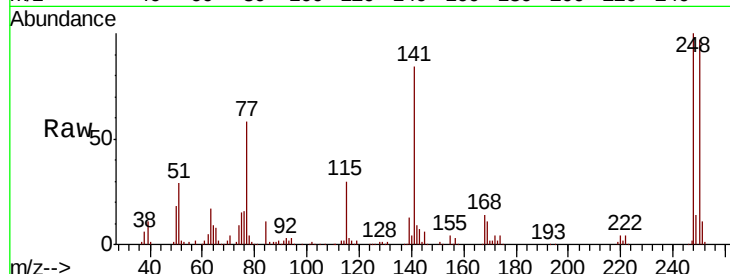




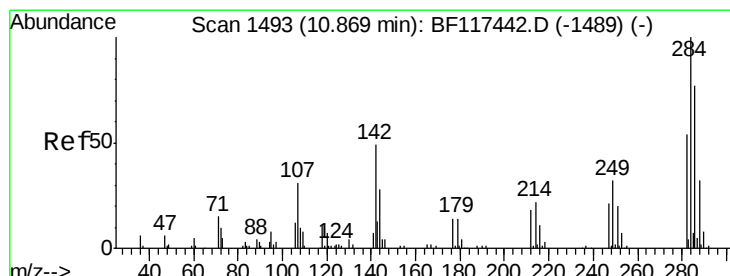
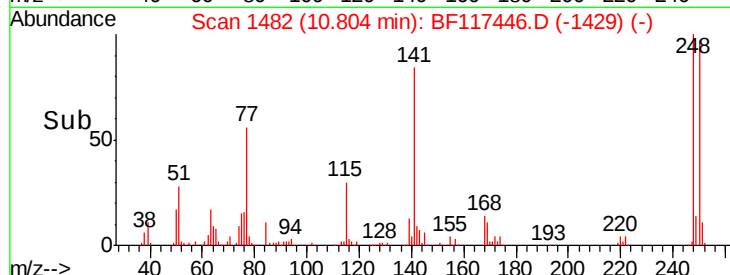
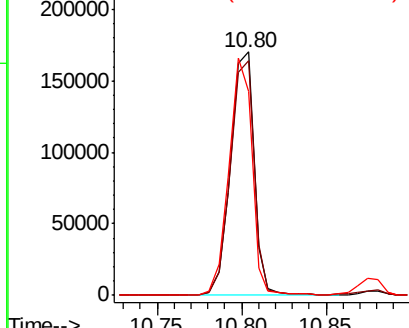
#67
4-Bromophenyl-phenylether
Concen: 96.442 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 165034
Ion Ratio Lower Upper
248 100
250 96.6 78.0 117.0
141 83.6 81.7 122.5

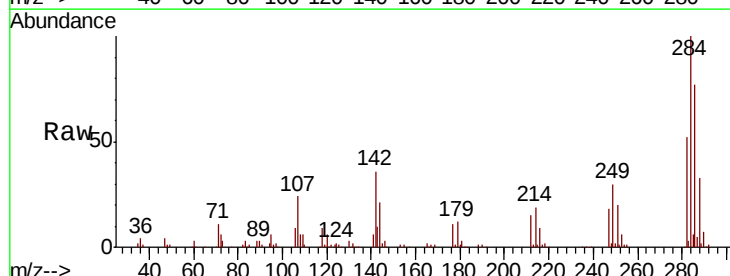


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

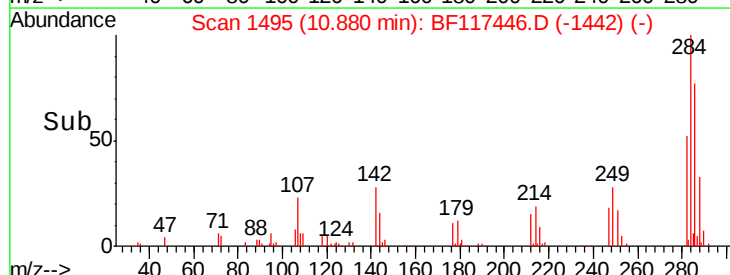
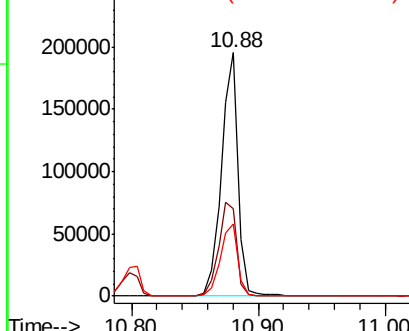


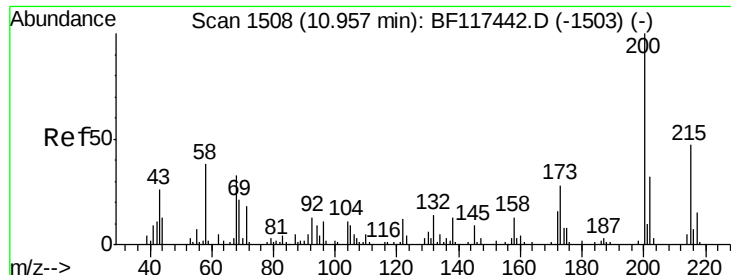
#68
Hexachlorobenzene
Concen: 97.204 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:284 Resp: 178635
Ion Ratio Lower Upper
284 100
142 36.1 39.0 58.6#
249 29.9 25.7 38.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

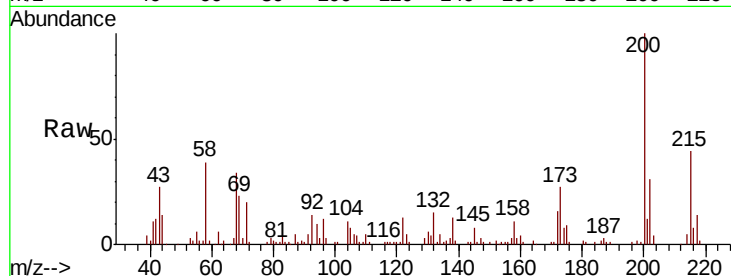




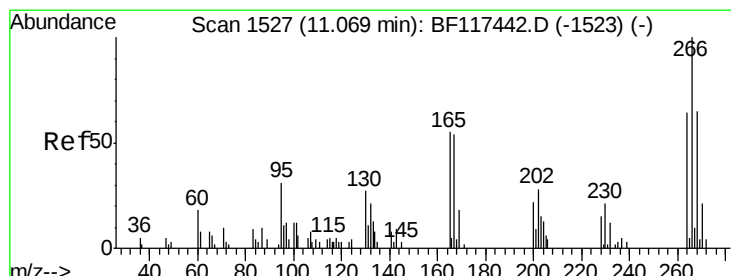
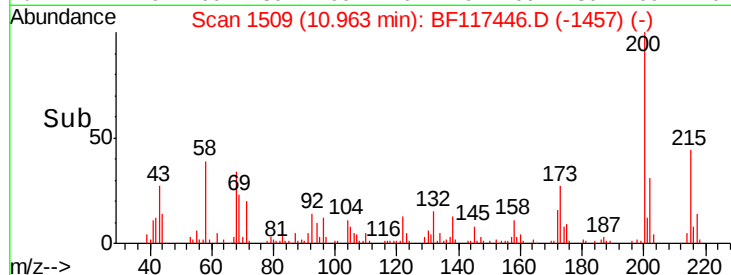
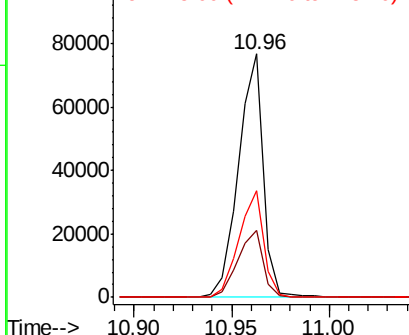
#69
Atrazine
Concen: 71.182 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:200 Resp: 67272
Ion Ratio Lower Upper
200 100
173 27.4 8.2 48.2
215 43.8 26.8 66.8

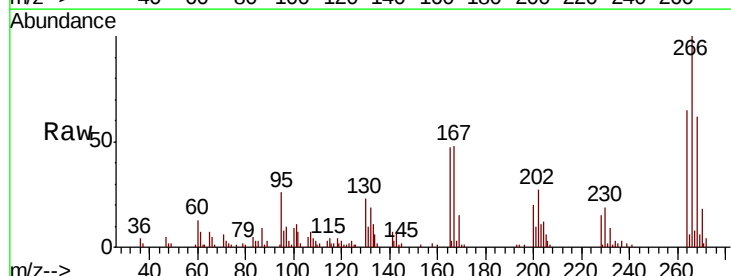


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

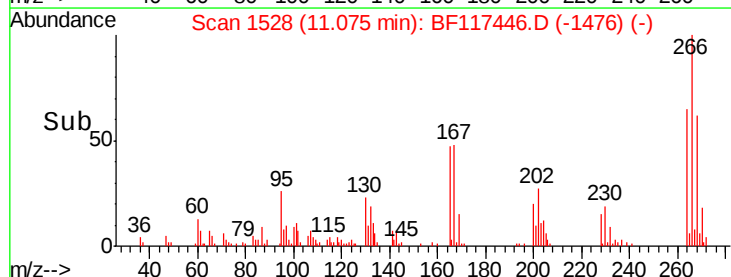
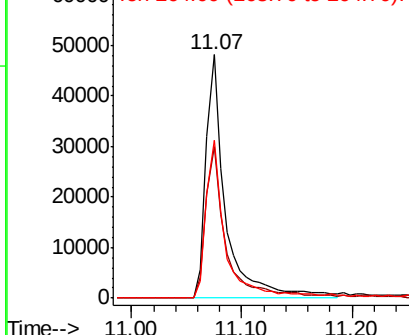


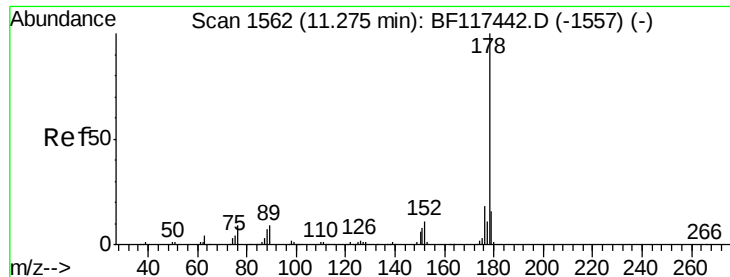
#70
Pentachlorophenol
Concen: 106.319 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:266 Resp: 58453
Ion Ratio Lower Upper
266 100
268 62.4 51.6 77.4
264 64.7 51.4 77.2



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

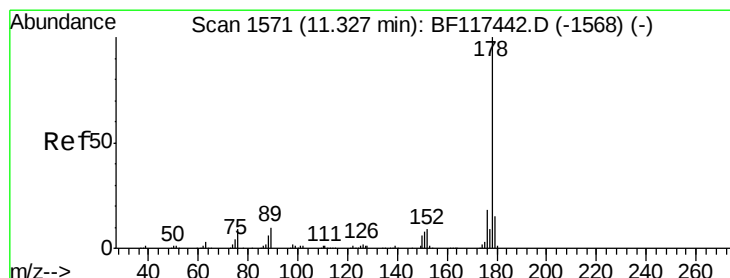
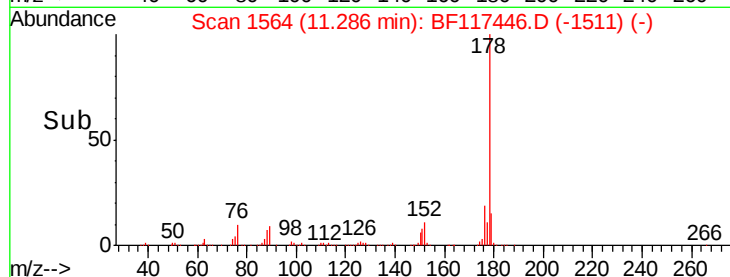
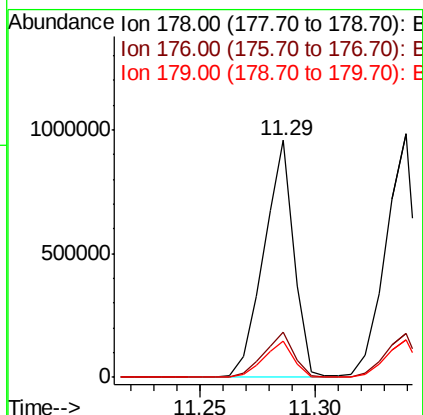
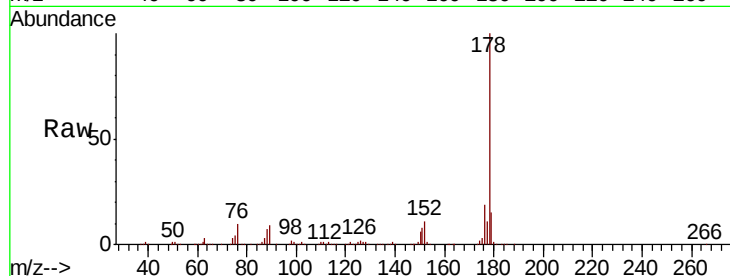




#71
Phenanthrene
Concen: 93.919 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

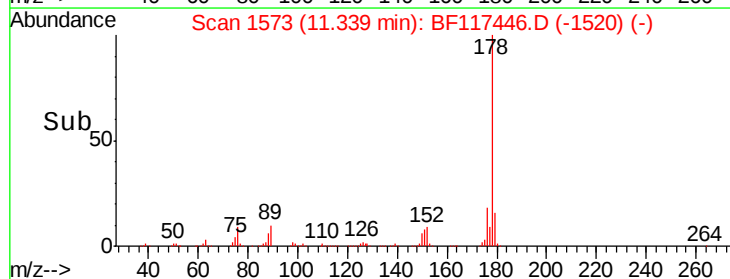
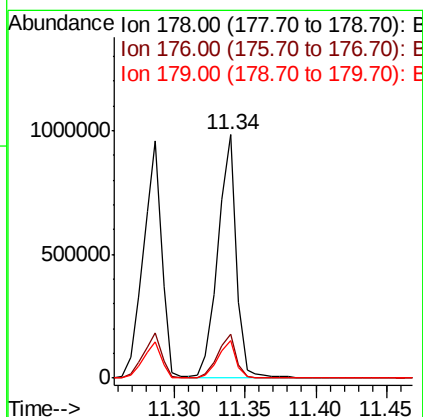
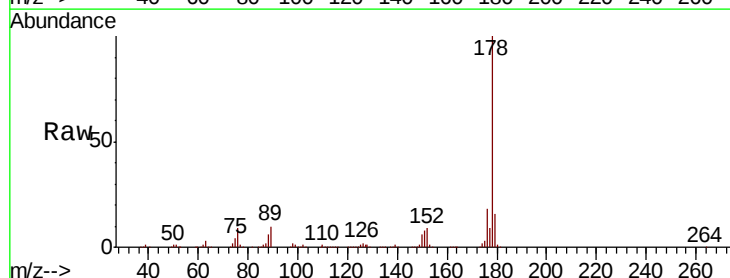
Instrument :
BNA_F
ClientSampled :

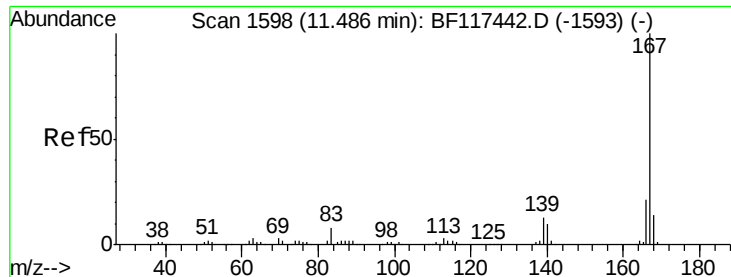
Tot Ion:178 Resp: 866178
Ion Ratio Lower Upper
178 100
176 19.1 14.6 22.0
179 15.4 12.6 19.0



#72
Anthracene
Concen: 93.709 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:178 Resp: 892172
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.6 12.2 18.2

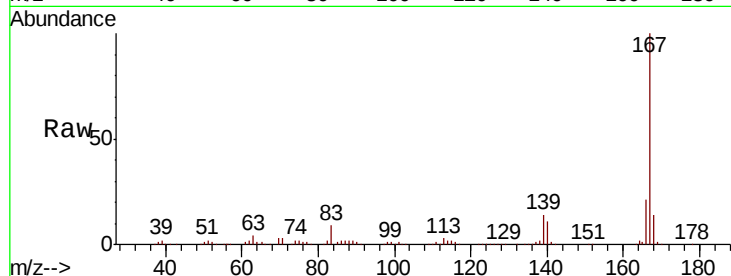




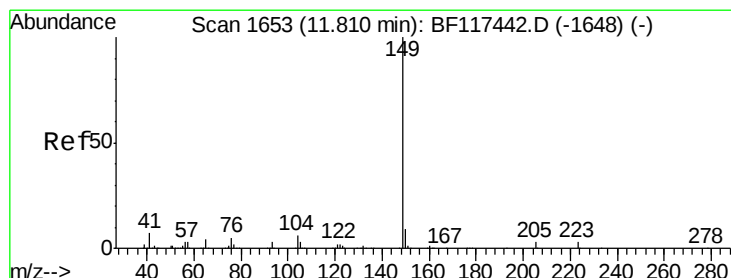
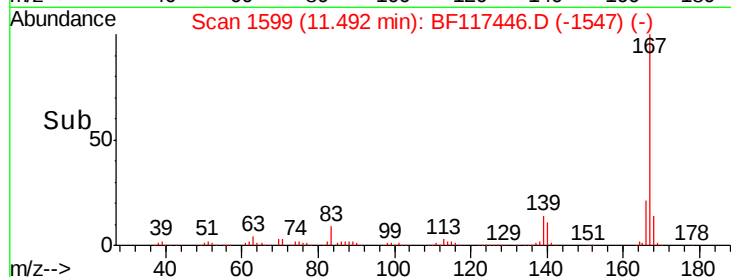
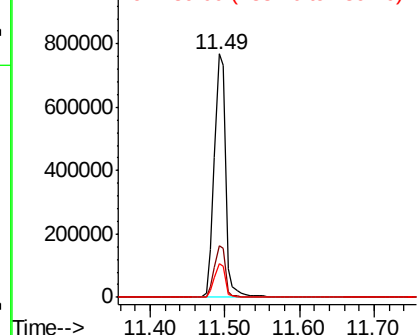
#73
 Carbazole
 Concen: 94.840 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 820197
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.8 10.6 16.0

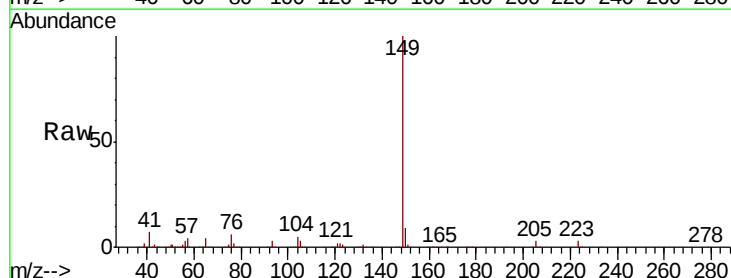


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

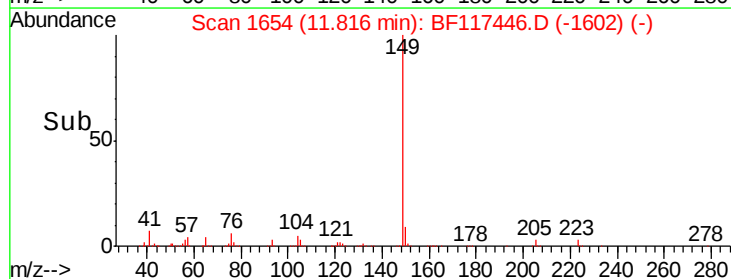
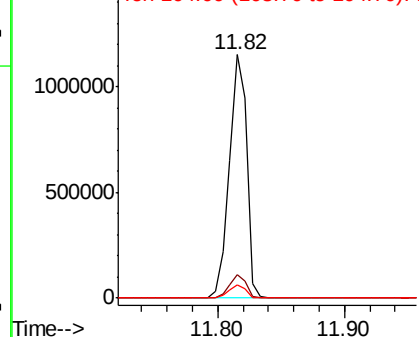


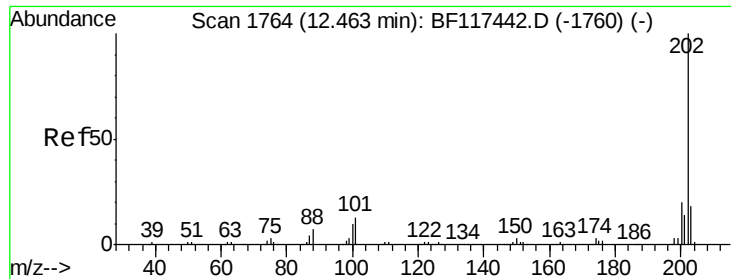
#74
 Di-n-butylphthalate
 Concen: 93.391 ng
 RT: 11.82 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:149 Resp: 1093661
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.3 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

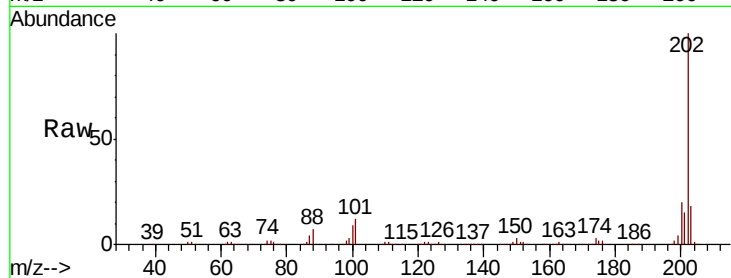




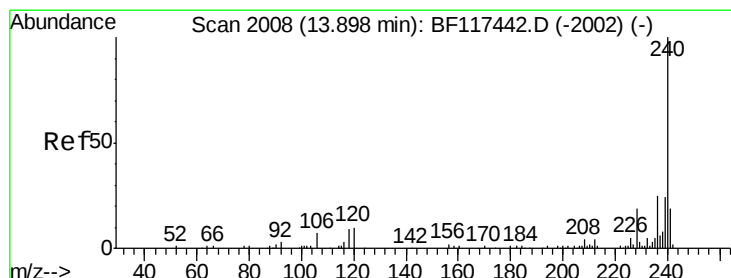
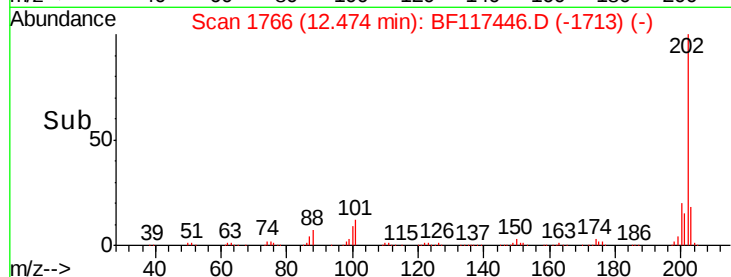
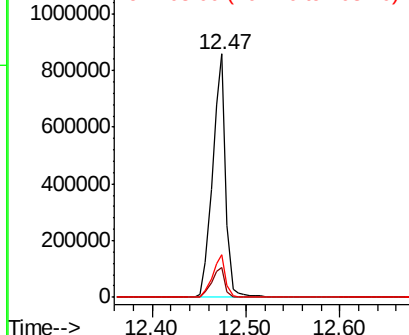
#75
 Fluoranthene
 Concen: 92.276 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.7
203	17.7	0.0	37.6

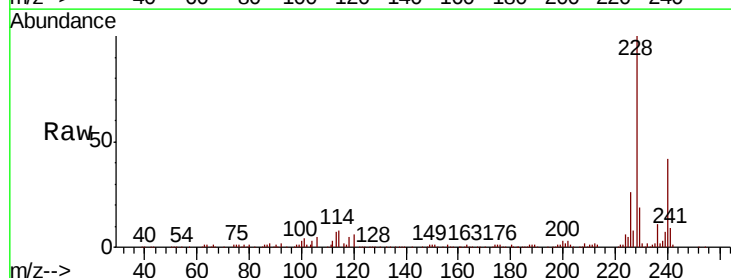


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

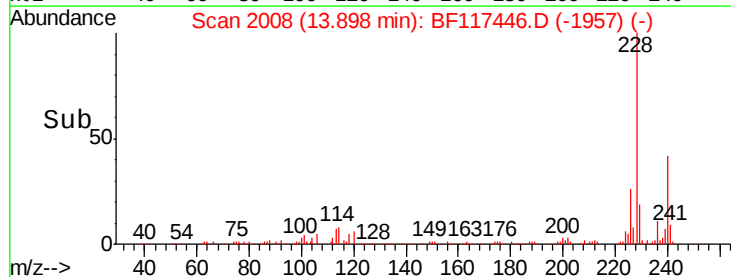
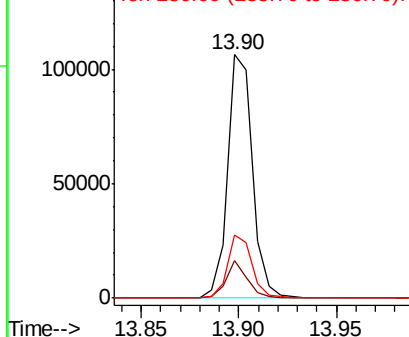


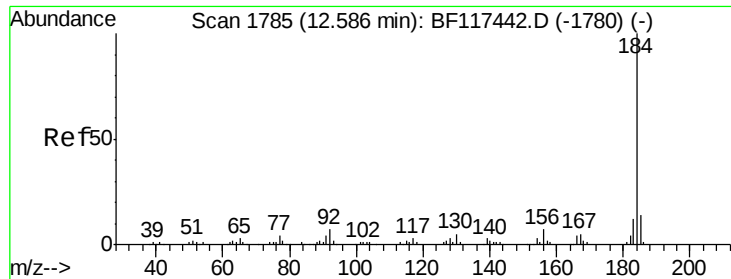
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	8.4	12.6#
236	26.2	20.0	30.0



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

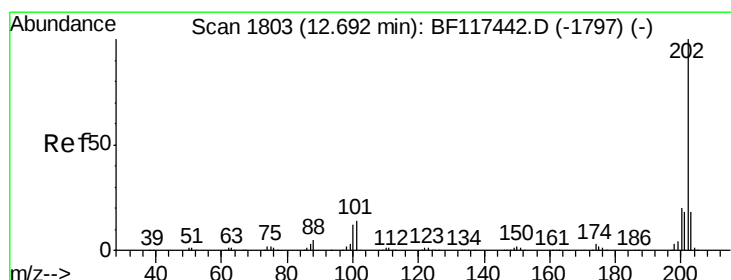
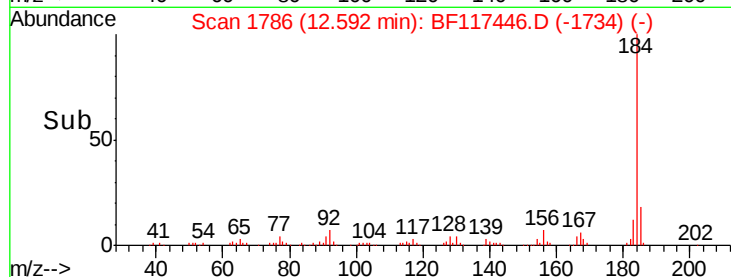
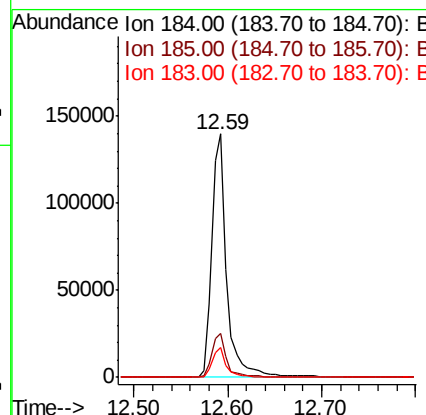
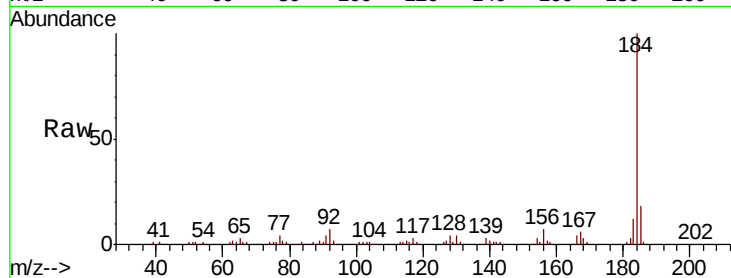




#77
Benzidine
Concen: 67.446 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

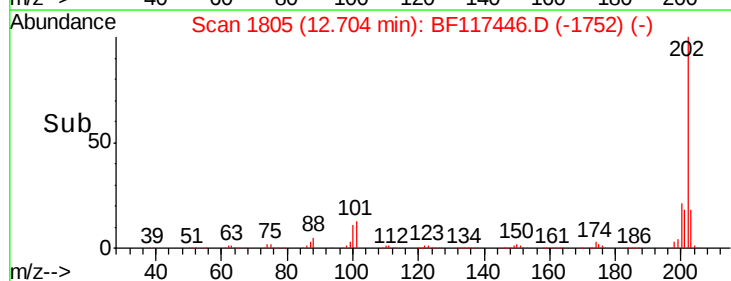
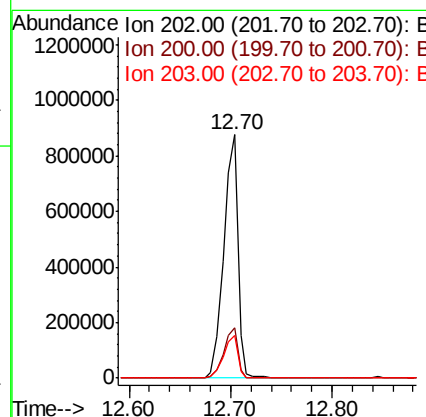
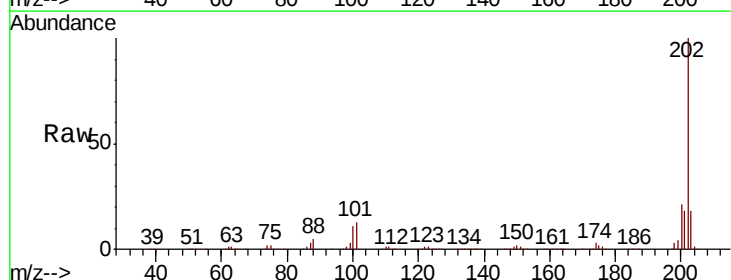
Instrument :
BNA_F
ClientSampleId :

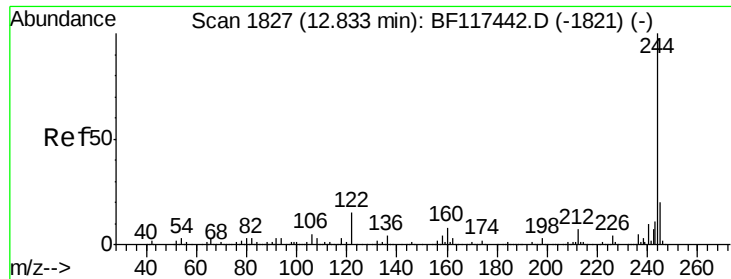
Tot Ion:184 Resp: 156532
Ion Ratio Lower Upper
184 100
185 17.9 11.4 17.0#
183 12.1 9.6 14.4



#78
Pyrene
Concen: 102.767 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:202 Resp: 852433
Ion Ratio Lower Upper
202 100
200 20.7 16.2 24.2
203 17.5 14.0 21.0

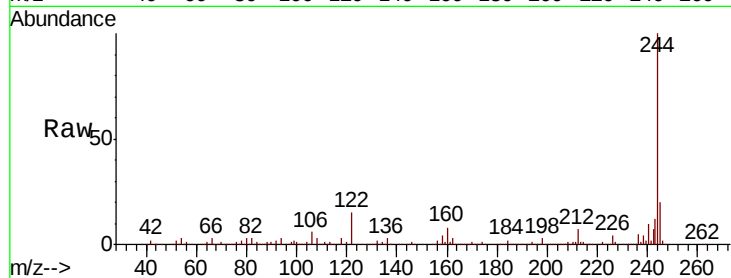




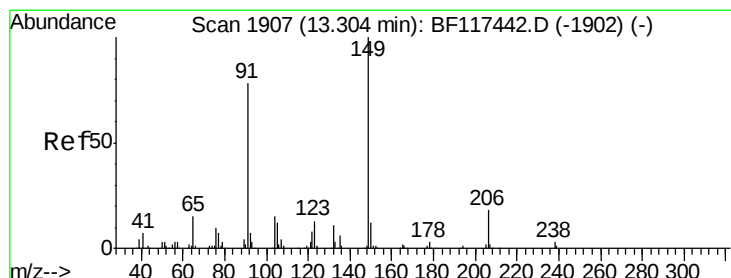
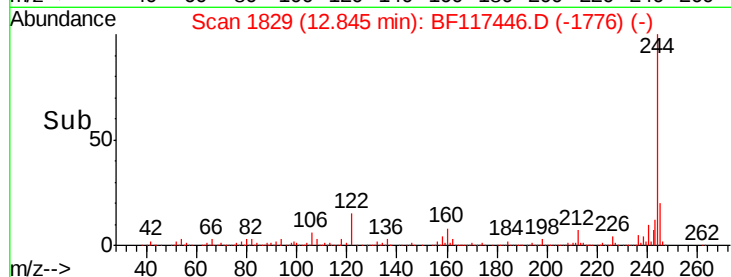
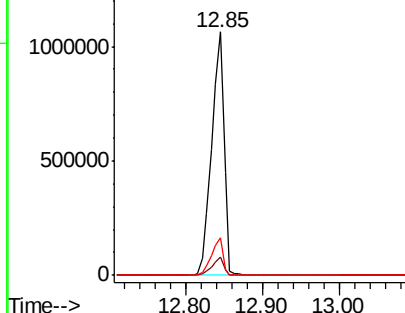
#79
 Terphenyl-d14
 Concen: 203.106 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1169163
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 15.4 11.8 17.8

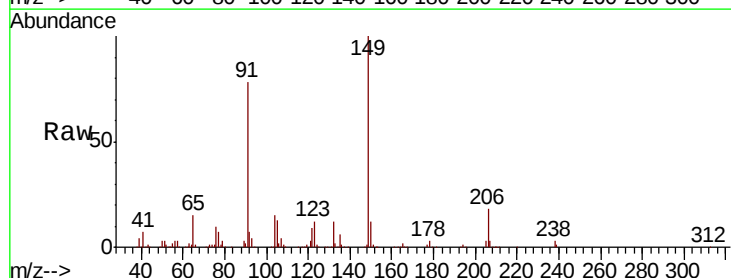


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

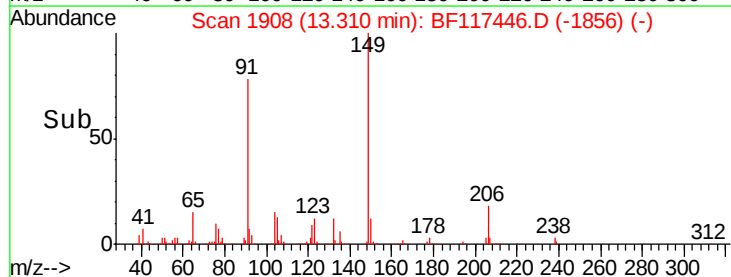
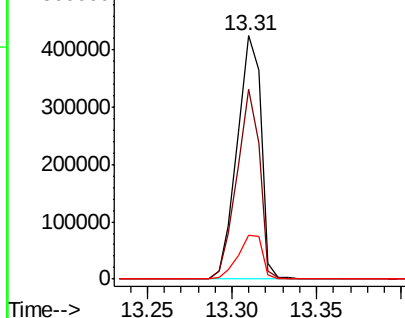


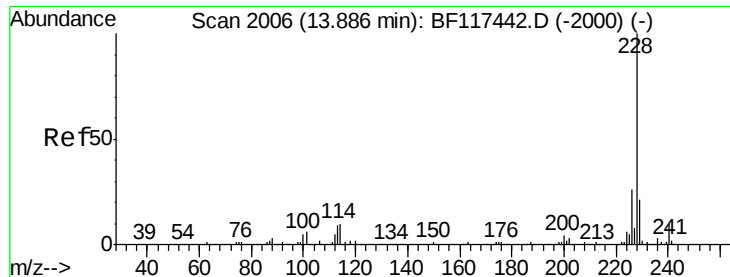
#80
 Butylbenzylphthalate
 Concen: 100.808 ng
 RT: 13.31 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: BF117446.D
 Acq: 18 Oct 2019 17:54

Tgt Ion:149 Resp: 420475
 Ion Ratio Lower Upper
 149 100
 91 77.8 62.1 93.1
 206 17.8 14.3 21.5



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: 98.076 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

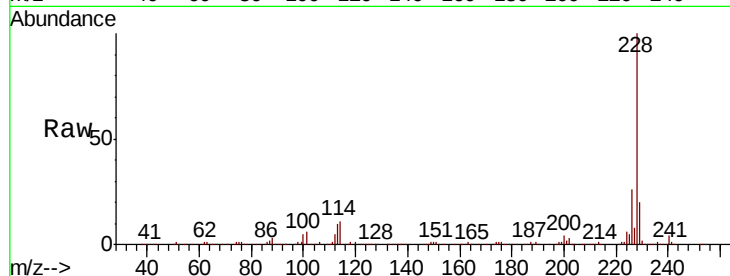
Tot Ion:228 Resp: 631482

Ion Ratio Lower Upper

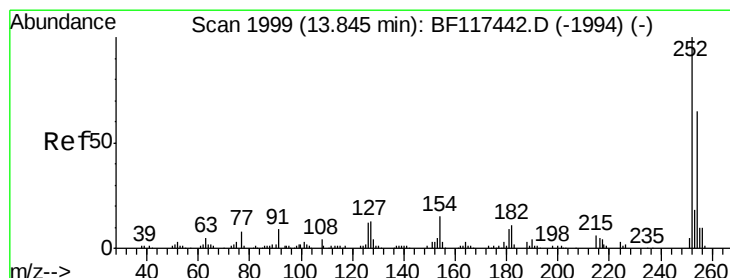
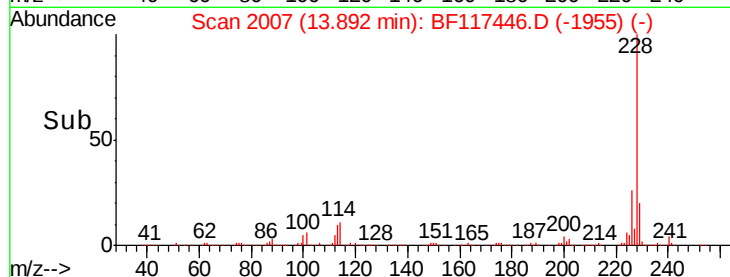
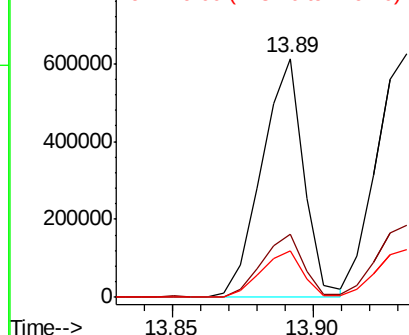
228 100

226 26.4 21.0 31.4

229 19.7 16.4 24.6



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



#82

3,3'-Dichlorobenzidine

Concen: 80.706 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

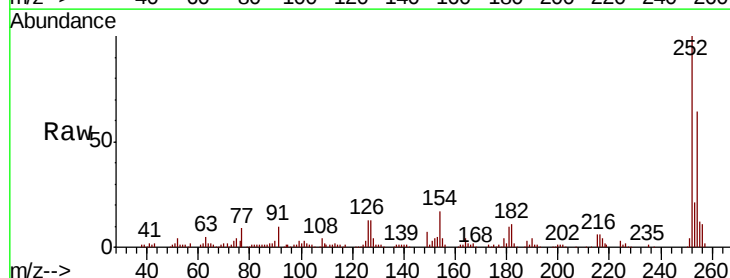
Tgt Ion:252 Resp: 164296

Ion Ratio Lower Upper

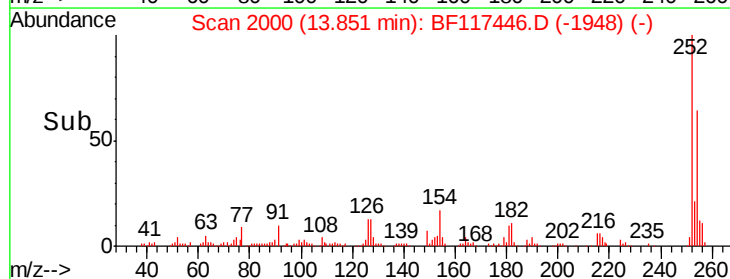
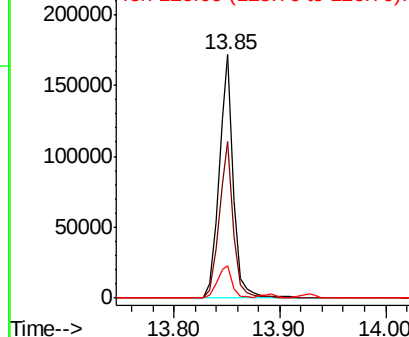
252 100

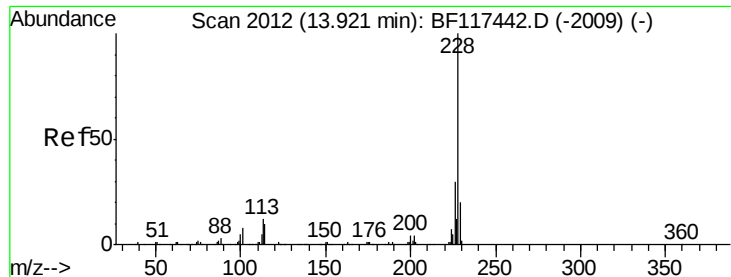
254 64.1 52.2 78.4

126 13.1 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

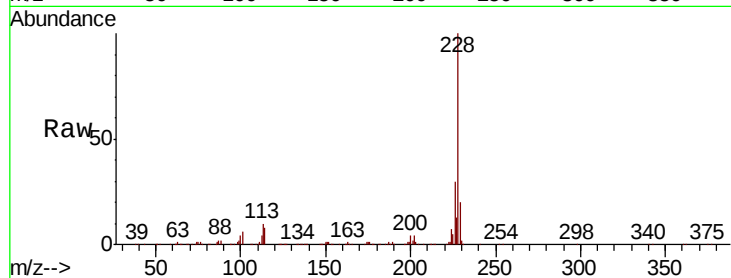




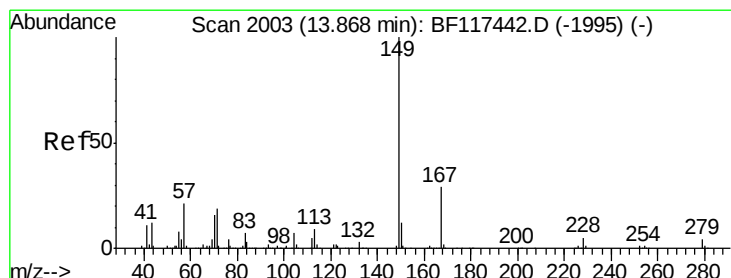
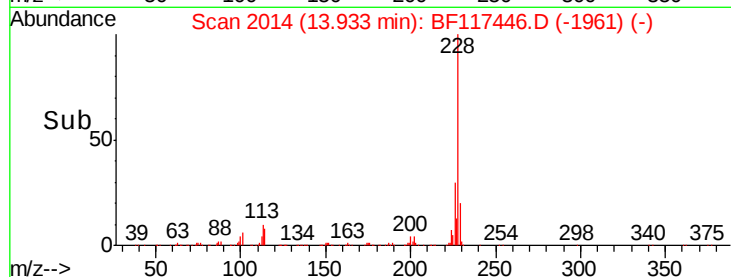
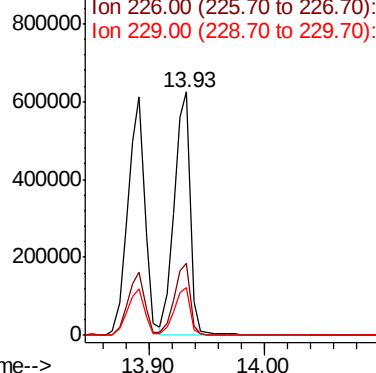
#83
Chrysene
Concen: 96.160 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 610576
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.5 15.8 23.6

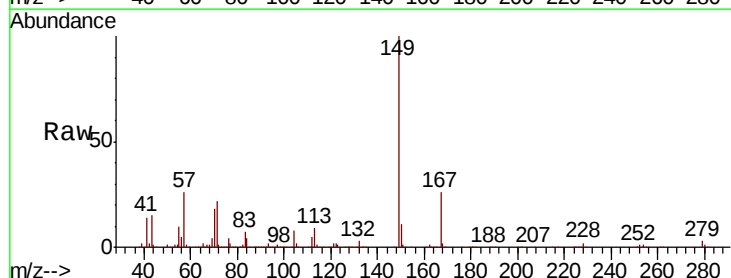


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

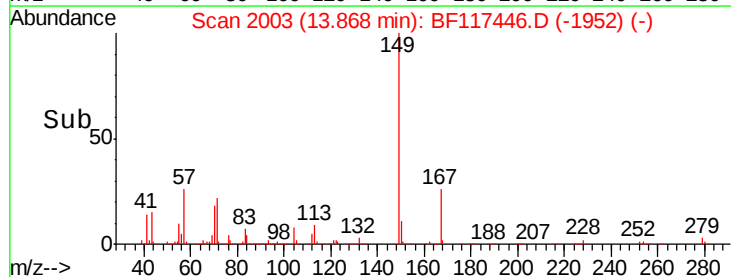
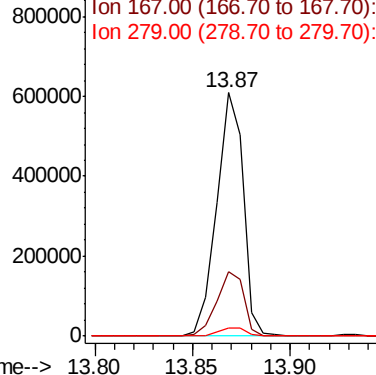


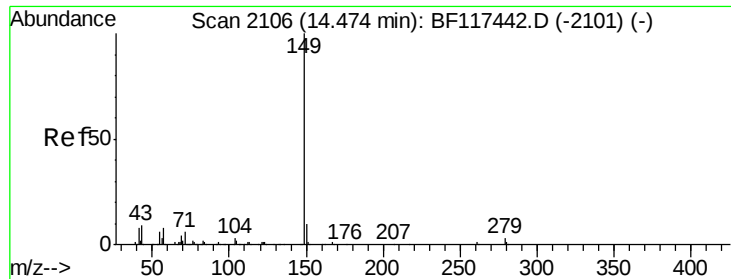
#84
Bis(2-ethylhexyl)phthalate
Concen: 97.801 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:149 Resp: 575167
Ion Ratio Lower Upper
149 100
167 26.2 23.3 34.9
279 3.1 3.2 4.8#



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: 94.938 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

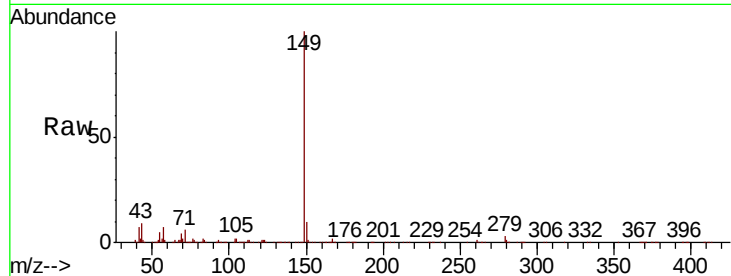
Tot Ion:149 Resp: 850027

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

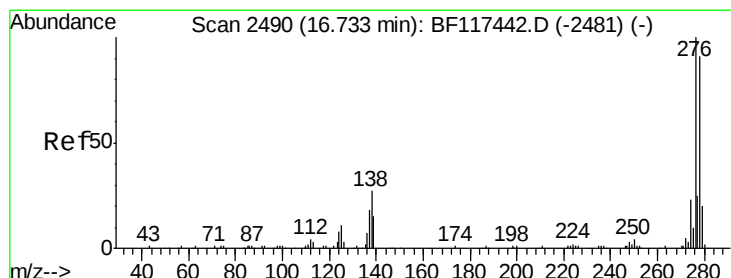
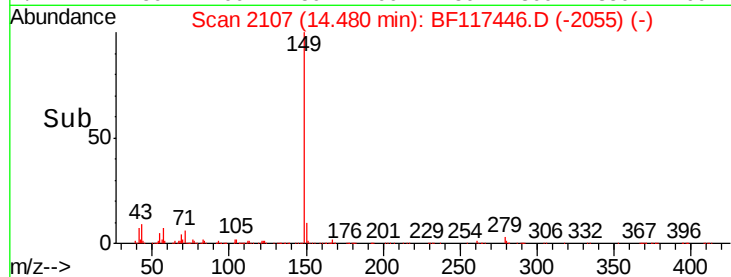
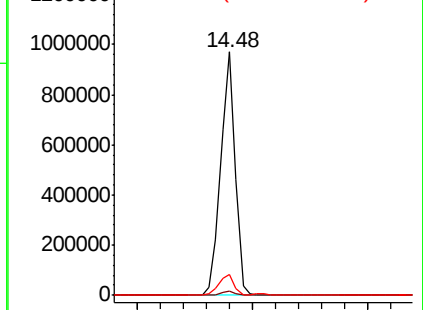
43 8.8 6.8 10.2



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: 111.853 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

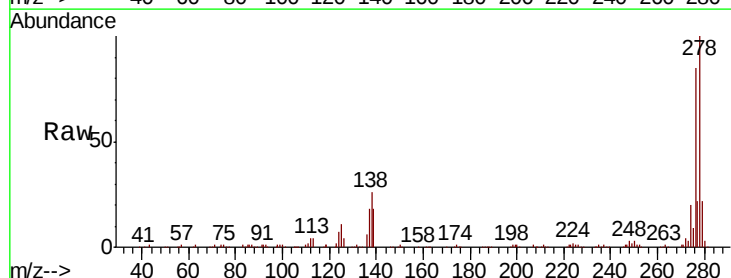
Tgt Ion:276 Resp: 496605

Ion Ratio Lower Upper

276 100

138 27.8 21.8 32.8

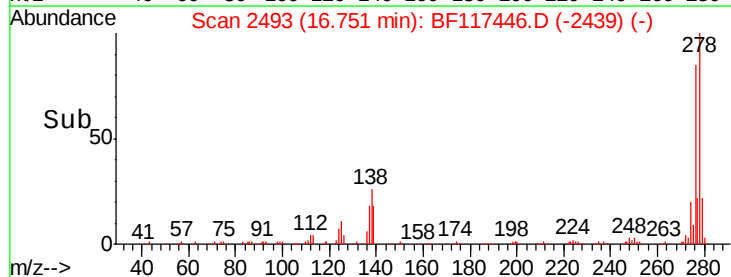
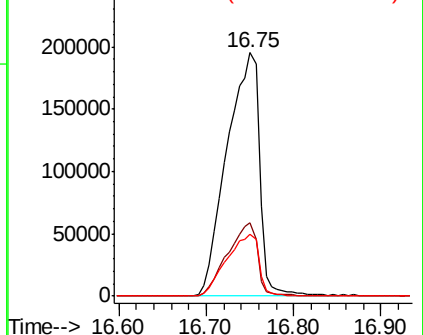
277 25.1 20.0 30.0

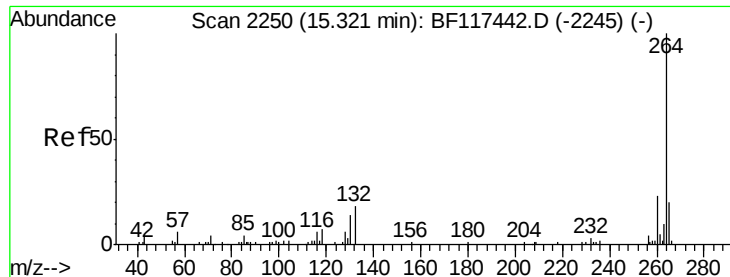


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



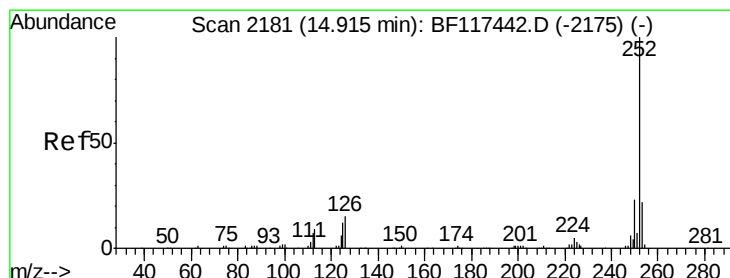
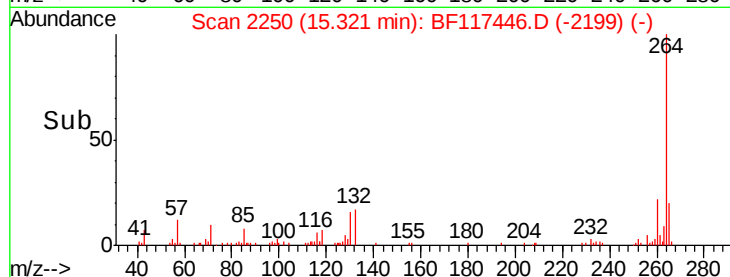
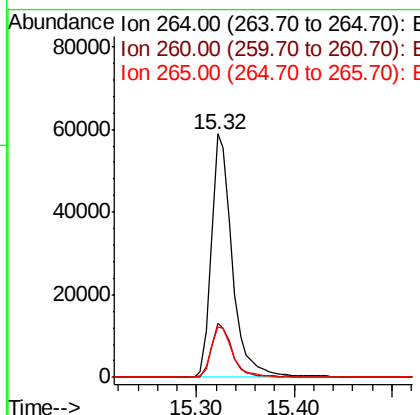
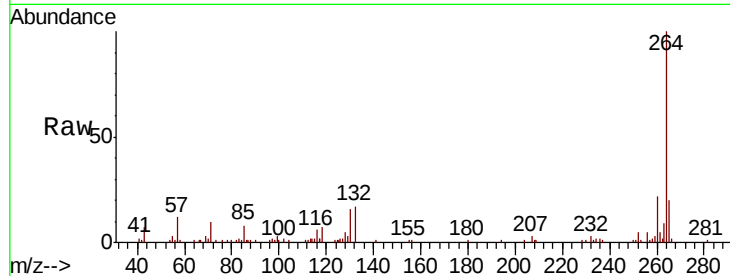


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 87245

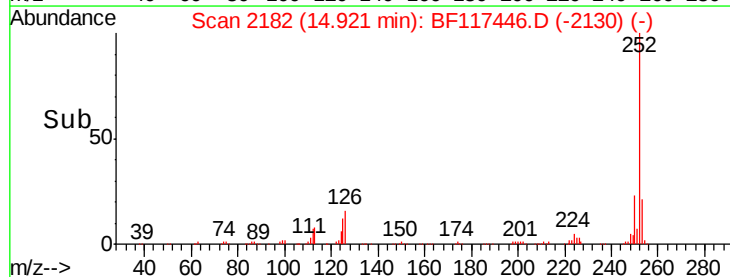
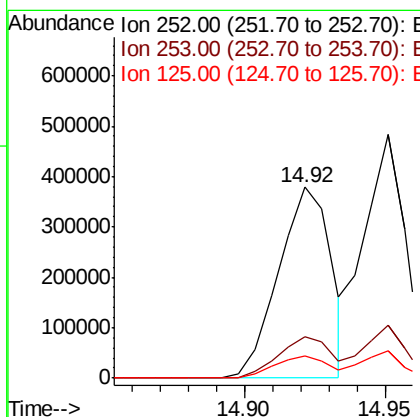
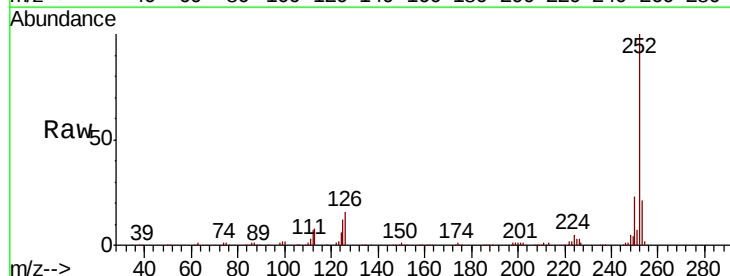
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.4	27.6
265	20.4	16.1	24.1

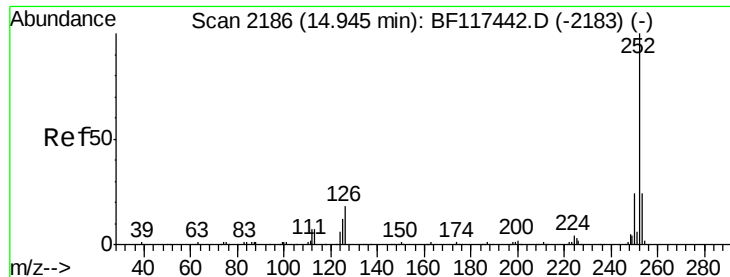


#88
Benzo(b)fluoranthene
Concen: 90.199 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:252 Resp: 489909

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	11.7	9.9	14.9

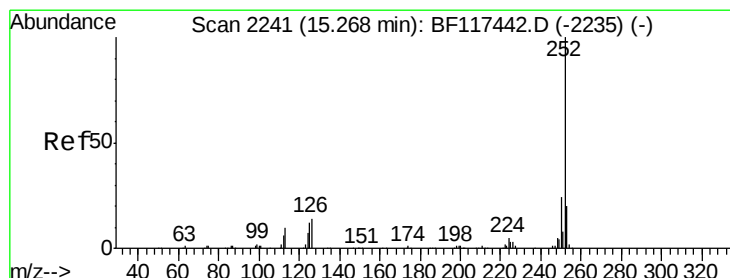
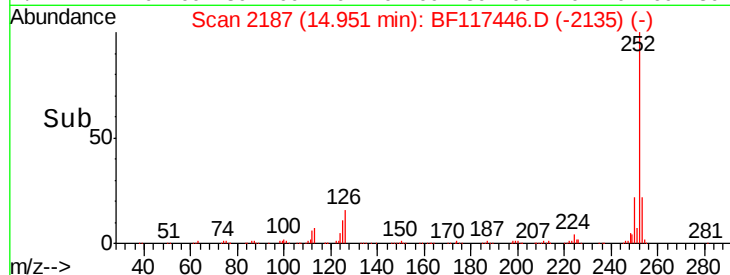
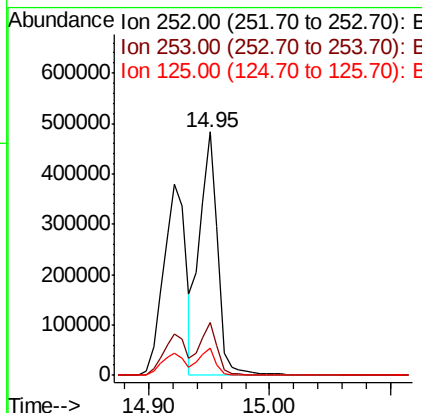
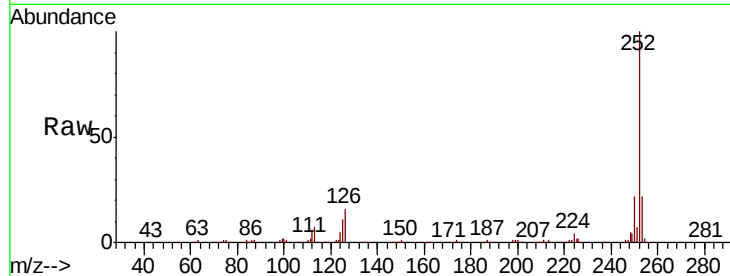




#89
Benzo(k)fluoranthene
Concen: 93.286 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

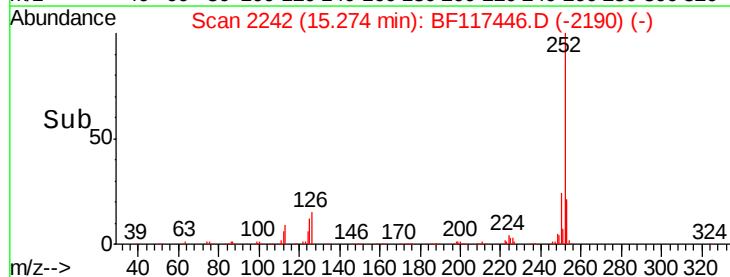
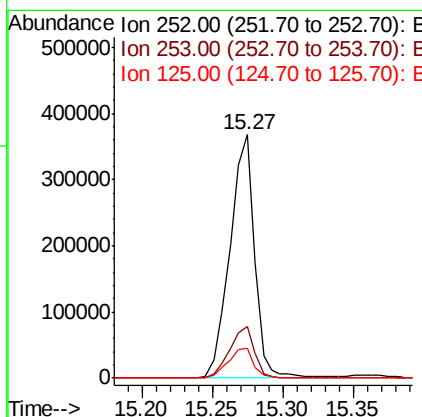
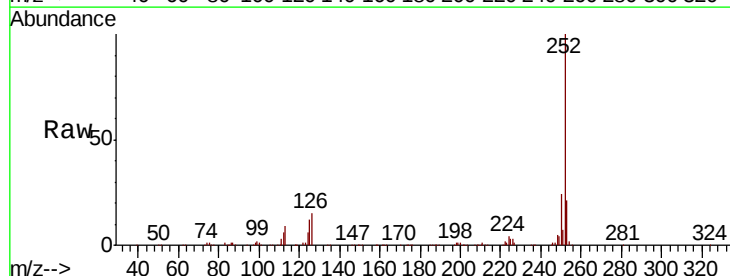
Instrument :
BNA_F
ClientSampleId :

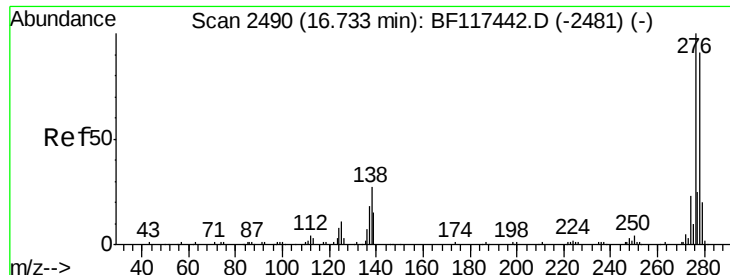
Tot Ion:252 Resp: 503530
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 11.2 8.9 13.3



#90
Benzo(a)pyrene
Concen: 93.707 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117446.D
Acq: 18 Oct 2019 17:54

Tgt Ion:252 Resp: 450695
Ion Ratio Lower Upper
252 100
253 21.2 16.3 24.5
125 12.1 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 100.092 ng

RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

Instrument :

BNA_F

ClientSampleId :

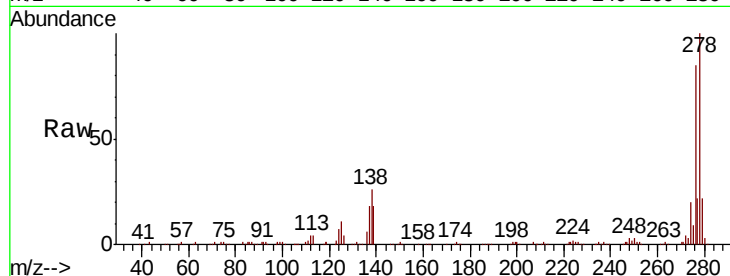
Tot Ion:278 Resp: 412509

Ion Ratio Lower Upper

278 100

139 18.0 13.4 20.0

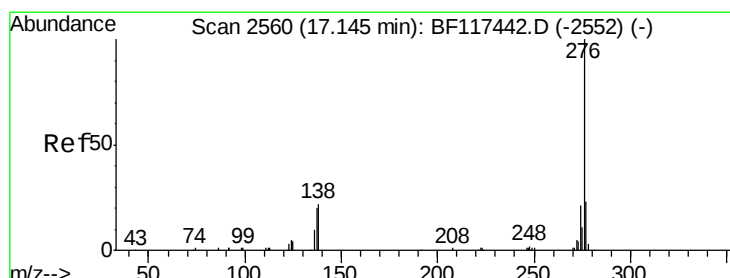
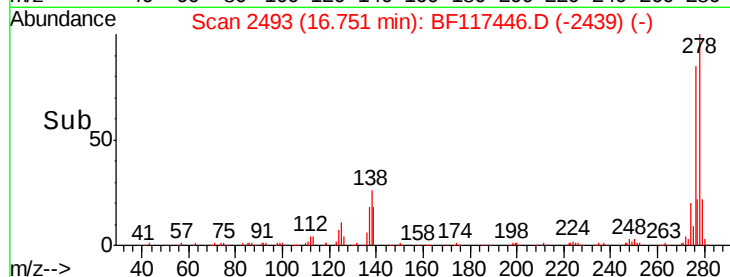
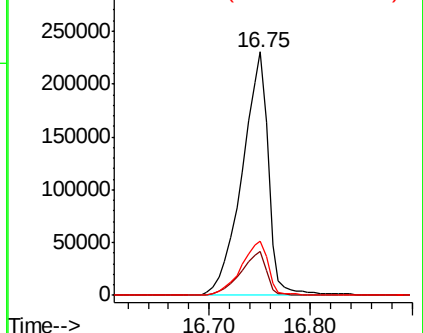
279 22.4 17.8 26.6



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: 103.678 ng

RT: 17.16 min Scan# 2563

Delta R.T. 0.02 min

Lab File: BF117446.D

Acq: 18 Oct 2019 17:54

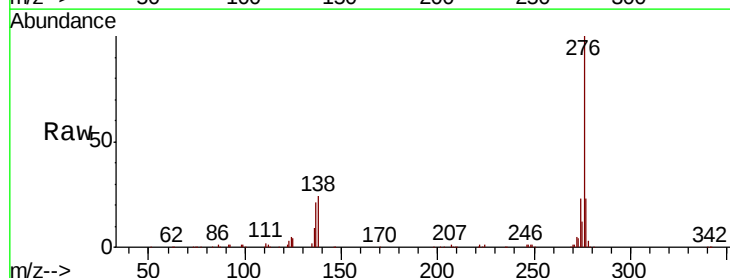
Tgt Ion:276 Resp: 406726

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 23.8 17.8 26.6



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

